

GROUND-WATER LEVEL DATA

SOUTHEAST ALASKA

JUNEAU

582359134352103. Local number, CD04006618CBCA3019 85177

LOCATION.--Lat 58°23'59", Long 134°35'21", SW¹/₄ NW¹/₄ SW¹/₄ sec.18, T. 40 S., R. 66 E. (Juneau B-2 NW quad), Hydrologic Unit 19010301, Well is located in steel gage house by sewage treatment plant on Riverbend Road, 1/4 mile off of the Mendenhall Loop Road, Juneau. Owner: Harlan Olsen.

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

WELL CHARACTERISTICS.--Diameter 6-in. PVC casing, depth 40 ft, screen opening from 30 to 40 ft.

INSTRUMENTATION.--Intermittent measurements with chalked steel tape by USGS, November 1983 to current year; continuous strip-chart recorder, November 1983 to August 1984; Digital recorder, August 1984 to April 1997; submersible pressure transducer/electric data logger, August 1997 to September 1998; electronic data logger and encoder, September 1998 to current year.

DATUM.--Elevation of land-surface datum is 50.53 ft above sea level (determined by levels survey). Measuring point: Top of casing 0.77 ft above land-surface datum.

REMARKS.--Well drilled November 3, 1983 by USGS, designated as Mendenhall well. Well sampled for water quality, May 17, 1984.

PERIOD OF RECORD.--November 1983 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 4.89 ft below land-surface datum, September 25, 1990; lowest measured, 13.54 ft below land-surface datum, February 2, 1997.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 7.16 ft. below land-surface datum, September 24; lowest, 11.43 ft below land-surface datum, July 21.

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 | --- | --- | 10.12 | 9.46 | 9.53 | 9.54 | 9.93 | 9.96 | --- | --- | 10.19 | 11.08 |
| 2 | --- | --- | 9.58 | 9.65 | 9.69 | 9.67 | 8.87 | 9.99 | --- | --- | 10.27 | 11.21 |
| 3 | --- | --- | 9.51 | 9.79 | 9.84 | 9.70 | 8.03 | 10.01 | --- | --- | 10.43 | 10.73 |
| 4 | --- | --- | 9.40 | 9.94 | 10.02 | 9.92 | 7.99 | 10.06 | --- | --- | 10.48 | 10.41 |
| 5 | --- | 9.56 | 9.45 | 10.06 | 9.89 | 9.98 | 7.99 | 10.09 | --- | --- | 10.49 | 10.25 |
| 6 | --- | 9.65 | 9.64 | 10.08 | 9.71 | --- | 8.12 | 10.12 | --- | --- | 10.51 | 9.96 |
| 7 | --- | 9.79 | 9.91 | 10.12 | 9.71 | --- | 8.22 | 10.17 | --- | --- | 10.55 | 9.89 |
| 8 | --- | 9.94 | 10.04 | 10.23 | 9.13 | 9.97 | 8.32 | --- | --- | 11.13 | 10.64 | 9.91 |
| 9 | --- | 9.85 | 10.20 | 10.48 | 8.26 | 9.89 | 8.33 | --- | --- | 11.13 | 10.67 | 10.05 |
| 10 | --- | 9.79 | 10.22 | 10.60 | 7.92 | 9.60 | 8.48 | --- | --- | 11.13 | 10.66 | 10.24 |
| 11 | --- | 9.52 | 10.27 | 10.81 | 7.86 | 9.42 | 8.58 | --- | --- | 11.18 | 10.59 | 10.29 |
| 12 | --- | 7.84 | 10.37 | 10.79 | 7.70 | 9.43 | 8.72 | --- | --- | 11.26 | 10.59 | 10.57 |
| 13 | --- | 7.59 | 10.59 | 10.65 | 7.70 | 9.46 | 8.91 | --- | --- | 11.27 | 10.67 | 9.93 |
| 14 | --- | 7.58 | 10.66 | 9.40 | 7.95 | 9.47 | 9.04 | --- | --- | 11.26 | 10.72 | 9.68 |
| 15 | --- | 7.57 | 10.73 | 9.13 | 8.09 | 9.59 | 9.24 | --- | --- | 11.23 | 10.65 | 9.65 |
| 16 | --- | 7.61 | 10.81 | 9.13 | 8.28 | 9.67 | 9.38 | --- | --- | 11.22 | 10.62 | 9.67 |
| 17 | --- | 7.85 | 10.60 | 9.13 | 8.47 | 9.82 | 9.52 | --- | --- | 11.23 | 10.63 | 9.78 |
| 18 | --- | 8.05 | 10.12 | 8.76 | 8.71 | 9.80 | 9.69 | --- | --- | 11.26 | 10.66 | 10.01 |
| 19 | --- | 8.27 | 9.45 | 8.66 | 8.87 | 9.91 | 9.76 | --- | --- | 11.30 | 10.68 | 10.15 |
| 20 | --- | 8.58 | 9.25 | 7.95 | 8.51 | 10.09 | 9.83 | --- | --- | 11.33 | 10.75 | 9.75 |
| 21 | --- | 8.81 | 8.80 | 7.61 | 8.27 | --- | 10.02 | --- | --- | 11.43 | 10.79 | 8.63 |
| 22 | --- | 8.91 | 8.14 | 7.45 | 8.06 | --- | 10.12 | --- | --- | 11.34 | 10.85 | 8.25 |
| 23 | --- | 9.12 | 7.77 | 7.44 | 8.06 | --- | 10.15 | --- | --- | 11.28 | 10.85 | 7.44 |
| 24 | --- | 9.24 | 7.74 | 7.57 | 8.23 | --- | 10.21 | --- | --- | 11.19 | 10.93 | 7.16 |
| 25 | --- | 9.36 | 7.84 | 7.77 | 8.38 | 10.54 | 10.25 | --- | --- | 11.18 | 11.02 | 7.20 |
| 26 | --- | 9.62 | 8.10 | 8.02 | 8.59 | 10.07 | 9.92 | --- | --- | 11.21 | 11.25 | 7.34 |
| 27 | --- | 9.82 | 8.30 | 8.23 | 8.87 | 10.04 | 9.88 | --- | --- | 11.20 | 11.23 | 7.43 |
| 28 | --- | 9.89 | 8.51 | 8.37 | 9.14 | 9.94 | 9.88 | --- | --- | 10.62 | 10.98 | 7.59 |
| 29 | --- | 9.94 | 8.72 | 8.64 | 9.33 | 9.72 | 9.88 | --- | --- | 10.14 | 10.86 | 7.69 |
| 30 | --- | 10.15 | 8.78 | 8.99 | --- | 9.72 | 9.89 | --- | --- | 10.00 | 10.86 | 7.61 |
| 31 | --- | --- | 9.10 | 9.28 | --- | 9.85 | --- | --- | --- | 10.01 | 11.00 | --- |
| MEAN | --- | --- | 9.44 | 9.17 | 8.72 | --- | 9.24 | --- | --- | --- | 10.71 | 9.32 |
| MAX | --- | --- | 10.81 | 10.81 | 10.02 | --- | 10.25 | --- | --- | --- | 11.25 | 11.21 |
| MIN | --- | --- | 7.74 | 7.44 | 7.70 | --- | 7.99 | --- | --- | --- | 10.19 | 7.16 |

SOUTH-CENTRAL ALASKA
MUNICIPALITY OF ANCHORAGE.

611725149335401. Local number, SB01400223BCCD1003.

LOCATION.--Lat 61°17'26", long 149°35'39", in SE¹/₄ SW¹/₄ SW¹/₄ NW¹/₄ 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

GROUND-WATER LEVEL DATA

YUKON ALASKA

FAIRBANKS NORTH STAR BOROUGH

644321147163801. Local number, FD00200223DDBA1003.

LOCATION.--Lat 64°43'21", Long 147°16'38", in NW¹/₄ SE¹/₄ SE¹/₄ sec. 23, T.2 S., R.2 E., (Fairbanks C-1 NW quad), Fairbanks Meridian, Hydrologic Unit 19040506. Well located approximately 0.3 mi east of the Dyke Road, Old Richardson Highway and Levee Road intersection in city of North Pole.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Chena Alluvium of Quaternary age.

WELL CHARACTERISTICS.--Diameter 2-in. PVC casing, depth 20.4 ft, screen opening from 15.4 to 19.9 ft.

INSTRUMENTATION.--Intermittent measurements by USGS personnel July 2001 to current year; submersible pressure transducer/electronic data logger from October 13, 2001 to current year.

DATUM.--Elevation of land-surface datum is 510.14 ft above NGVD of 1929 (revised; levels by US Army Corps of Engineers, adjusted to 1992 survey of benchmarks by U.S. Coast and Geodetic Survey). Measuring point: top of inner casing 2.60 ft above land surface datum.

REMARKS.--Observation well drilled April 10, 1995 by the U.S. Army Corps of Engineers and designated as DSAP-14.

PERIOD OF RECORD.--July 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.29 ft below land-surface datum, July 28, 2003; lowest, 12.26 ft below land-surface datum, April 3-7, 2004.

EXTREMES FOR CURRENT YEAR.--Highest water level measured, 10.20 ft below land-surface datum, July 1; lowest, 12.26 ft below land-surface datum, April 3-7.

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

| | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 11.06 | 11.76 | 11.55 | 12.00 | 12.16 | 12.16 | 12.24 | 11.52 | 10.70 | 10.20 | 10.32 | 10.92 |
| 2 | 11.05 | 11.77 | 11.55 | 12.01 | 12.18 | 12.14 | 12.23 | 11.54 | 10.66 | 10.21 | 10.37 | 10.85 |
| 3 | 10.97 | 11.79 | 11.57 | 12.02 | 12.18 | 12.14 | 12.24 | 11.57 | 10.63 | 10.25 | 10.47 | 10.90 |
| 4 | 10.93 | 11.81 | 11.60 | 12.03 | 12.19 | 12.14 | 12.25 | 11.58 | 10.61 | 10.26 | 10.56 | 11.00 |
| 5 | 10.89 | 11.83 | 11.62 | 12.03 | 12.19 | 12.15 | 12.26 | 11.58 | 10.61 | 10.31 | 10.65 | 11.05 |
| 6 | 10.90 | 11.85 | 11.64 | 12.02 | 12.20 | 12.15 | 12.26 | 11.45 | 10.68 | 10.27 | 10.71 | 11.11 |
| 7 | 10.92 | 11.88 | 11.66 | 12.01 | 12.21 | 12.15 | 12.25 | 11.20 | 10.77 | 10.29 | 10.73 | 11.16 |
| 8 | 10.97 | 11.90 | 11.70 | 12.01 | 12.20 | 12.17 | 12.20 | 11.08 | 10.76 | 10.36 | 10.74 | 11.21 |
| 9 | 11.00 | 11.93 | 11.72 | 12.03 | 12.22 | 12.18 | 12.14 | 10.92 | 10.61 | 10.36 | 10.75 | 11.26 |
| 10 | 11.03 | 11.95 | 11.74 | 12.04 | 12.19 | 12.19 | 12.08 | 10.83 | 10.57 | 10.40 | 10.73 | 11.30 |
| 11 | 11.06 | 11.99 | 11.74 | 12.06 | 12.21 | 12.20 | 12.00 | 10.78 | 10.55 | 10.45 | 10.69 | 11.36 |
| 12 | 11.09 | 12.00 | 11.76 | 12.06 | 12.21 | 12.20 | 11.92 | 10.76 | 10.53 | 10.53 | 10.67 | 11.41 |
| 13 | 11.12 | 12.04 | 11.77 | 12.07 | 12.18 | 12.19 | 11.87 | 10.74 | 10.55 | 10.57 | 10.67 | 11.46 |
| 14 | 11.14 | 12.03 | 11.78 | 12.07 | 12.18 | 12.19 | 11.80 | 10.71 | 10.61 | 10.59 | 10.70 | 11.43 |
| 15 | 11.18 | 11.95 | 11.78 | 12.08 | 12.18 | 12.19 | 11.73 | 10.70 | 10.66 | 10.57 | 10.69 | 11.43 |
| 16 | 11.21 | 11.89 | 11.80 | 12.08 | 12.17 | 12.20 | 11.69 | 10.72 | 10.67 | 10.54 | 10.68 | 11.52 |
| 17 | 11.25 | 11.86 | 11.83 | 12.08 | 12.16 | 12.20 | 11.62 | 10.76 | 10.66 | 10.56 | 10.66 | 11.57 |
| 18 | 11.30 | 11.82 | 11.85 | 12.09 | 12.15 | 12.20 | 11.57 | 10.74 | 10.67 | 10.51 | 10.62 | 11.61 |
| 19 | 11.34 | 11.79 | 11.85 | 12.10 | 12.14 | 12.21 | 11.51 | 10.73 | 10.66 | 10.45 | 10.58 | 11.65 |
| 20 | 11.39 | 11.75 | 11.87 | 12.10 | 12.14 | 12.21 | 11.44 | 10.76 | 10.66 | 10.48 | 10.58 | 11.69 |
| 21 | 11.43 | 11.71 | 11.88 | 12.12 | 12.14 | 12.21 | 11.38 | 10.82 | 10.64 | 10.48 | 10.57 | 11.63 |
| 22 | 11.47 | 11.68 | 11.88 | 12.13 | 12.15 | 12.20 | 11.35 | 10.87 | 10.60 | 10.45 | 10.55 | 11.64 |
| 23 | 11.50 | 11.63 | 11.91 | 12.14 | 12.15 | 12.20 | 11.35 | 10.89 | 10.56 | 10.30 | 10.54 | 11.71 |
| 24 | 11.55 | 11.60 | 11.93 | 12.14 | 12.16 | 12.20 | 11.36 | 10.83 | 10.51 | 10.30 | 10.54 | 11.74 |
| 25 | 11.59 | 11.57 | 11.94 | 12.14 | 12.15 | 12.20 | 11.38 | 10.76 | 10.48 | 10.39 | 10.58 | 11.78 |
| 26 | 11.63 | 11.54 | 11.96 | 12.14 | 12.14 | 12.19 | 11.40 | 10.76 | 10.45 | 10.47 | 10.62 | 11.82 |
| 27 | 11.67 | 11.51 | 11.97 | 12.13 | 12.15 | 12.20 | 11.42 | 10.73 | 10.40 | 10.51 | 10.70 | 11.85 |
| 28 | 11.70 | 11.51 | 11.97 | 12.14 | 12.16 | 12.20 | 11.45 | 10.71 | 10.33 | 10.55 | 10.78 | 11.89 |
| 29 | 11.72 | 11.53 | 11.97 | 12.14 | 12.16 | 12.21 | 11.47 | 10.71 | 10.27 | 10.54 | 10.81 | 11.92 |
| 30 | 11.74 | 11.54 | 11.99 | 12.15 | --- | 12.21 | 11.50 | 10.72 | 10.23 | 10.48 | 10.84 | 11.92 |
| 31 | 11.75 | --- | 12.01 | 12.15 | --- | 12.23 | --- | 10.70 | --- | 10.51 | 10.88 | --- |

YUKON ALASKA—Continued

FAIRBANKS NORTH STAR BOROUGH—Continued

644331147183901. Local number, FD00200222DABD1006.

LOCATION.--Lat 64°43'31", Long 147°18'39", in NW¹/₄ NE¹/₄ SE¹/₄ sec. 22, T.2 S., R.2 E., (Fairbanks C-1 NW quad), Fairbanks Meridian, Hydrologic Unit 19040506. Well located on north side of Old Richardson Highway and VFW Road intersection in city of North Pole.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Chena Alluvium of Quaternary age.

WELL CHARACTERISTICS.--Diameter 2-in. PVC casing, depth 17.1 ft, screen opening from 12.1 to 16.6 ft.

INSTRUMENTATION.--Intermittent measurements by USGS personnel July 2001 to current year; submersible pressure transducer/electronic data logger from October 13, 2001 to current year.

DATUM.--Elevation of land-surface datum is 499.94 ft NGVD of 1929 (revised; levels by U.S. Army Corps of Engineers, adjusted to 1992 survey of benchmarks by U.S. Coast and Geodetic Survey). Measuring point: top of inner casing 2.67 ft above land surface datum.

REMARKS.--Observation well drilled April 9, 1995 by the U.S. Army Corps of Engineers and designated as DSAP-16.

PERIOD OF RECORD.--July 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.73 ft below land-surface datum, July 30, 2003; lowest, 7.25 ft below land-surface datum, April 4, 2004.

EXTREMES FOR CURRENT YEAR.--Highest water level measured, 4.55 ft below land-surface datum, July 1; lowest, 7.25 ft below land-surface datum, April 4.

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 | 5.87 | 6.75 | 6.20 | 6.81 | 7.01 | 7.02 | 7.23 | 6.74 | 5.24 | 4.55 | 4.85 | 5.38 |
| 2 | 5.75 | 6.79 | 6.20 | 6.82 | 7.03 | 7.01 | 7.23 | 6.71 | 5.21 | 4.58 | 4.87 | 5.40 |
| 3 | 5.65 | 6.82 | 6.23 | 6.84 | 7.04 | 7.01 | 7.23 | 6.64 | 5.16 | 4.66 | 4.92 | 5.43 |
| 4 | 5.60 | 6.85 | 6.28 | 6.85 | 7.05 | 7.02 | 7.24 | 6.59 | 5.10 | 4.68 | 4.98 | 5.49 |
| 5 | 5.55 | 6.89 | 6.33 | 6.84 | 7.05 | 7.02 | 7.23 | 6.56 | 5.10 | 4.71 | 5.04 | 5.54 |
| 6 | 5.55 | 6.92 | 6.36 | 6.84 | 7.06 | 7.03 | 7.21 | 6.46 | 5.15 | 4.68 | 5.08 | 5.60 |
| 7 | 5.59 | 6.95 | 6.39 | 6.83 | 7.07 | 7.04 | 7.18 | 6.23 | 5.22 | 4.68 | 5.11 | 5.66 |
| 8 | 5.66 | 6.99 | 6.44 | 6.83 | 7.06 | 7.07 | 7.13 | 5.99 | 5.23 | 4.74 | 5.11 | 5.72 |
| 9 | 5.70 | 7.01 | 6.47 | 6.85 | 7.08 | 7.08 | 7.07 | 5.74 | 5.08 | 4.77 | 5.13 | 5.78 |
| 10 | 5.74 | 7.05 | 6.49 | 6.86 | 7.06 | 7.09 | 6.99 | 5.63 | 5.02 | 4.79 | 5.10 | 5.84 |
| 11 | 5.79 | 7.09 | 6.50 | 6.88 | 7.07 | 7.10 | 6.89 | 5.59 | 4.98 | 4.83 | 5.08 | 5.91 |
| 12 | 5.83 | 7.12 | 6.52 | 6.89 | 7.05 | 7.10 | 6.80 | 5.58 | 4.96 | 4.89 | 5.07 | 5.98 |
| 13 | 5.88 | 7.16 | 6.53 | 6.88 | 7.03 | 7.10 | 6.72 | 5.50 | 4.96 | 4.92 | 5.07 | 6.05 |
| 14 | 5.92 | 6.92 | 6.54 | 6.88 | 7.02 | 7.10 | 6.61 | 5.45 | 4.99 | 4.91 | 5.09 | 6.11 |
| 15 | 5.96 | 6.76 | 6.54 | 6.88 | 7.02 | 7.11 | 6.53 | 5.44 | 5.05 | 4.87 | 5.08 | 6.13 |
| 16 | 6.00 | 6.65 | 6.56 | 6.89 | 7.02 | 7.12 | 6.46 | 5.46 | 5.03 | 4.85 | 5.07 | 6.17 |
| 17 | 6.05 | 6.59 | 6.60 | 6.90 | 7.01 | 7.13 | 6.39 | 5.46 | 5.02 | 4.86 | 5.04 | 6.23 |
| 18 | 6.12 | 6.52 | 6.61 | 6.90 | 7.00 | 7.12 | 6.34 | 5.45 | 5.02 | 4.84 | 4.98 | 6.28 |
| 19 | 6.18 | 6.47 | 6.63 | 6.91 | 6.99 | 7.13 | 6.29 | 5.45 | 5.00 | 4.81 | 4.95 | 6.32 |
| 20 | 6.25 | 6.41 | 6.65 | 6.92 | 7.00 | 7.14 | 6.24 | 5.48 | 4.98 | 4.83 | 4.96 | 6.37 |
| 21 | 6.32 | 6.34 | 6.67 | 6.95 | 6.99 | 7.16 | 6.23 | 5.52 | 4.94 | 4.84 | 4.95 | 6.42 |
| 22 | 6.38 | 6.28 | 6.67 | 6.95 | 7.00 | 7.15 | 6.25 | 5.56 | 4.89 | 4.81 | 4.94 | 6.44 |
| 23 | 6.44 | 6.20 | 6.70 | 6.96 | 7.00 | 7.14 | 6.31 | 5.59 | 4.83 | 4.74 | 4.95 | 6.48 |
| 24 | 6.50 | 6.16 | 6.72 | 6.96 | 7.00 | 7.14 | 6.36 | 5.58 | 4.79 | 4.74 | 4.95 | 6.52 |
| 25 | 6.54 | 6.13 | 6.73 | 6.96 | 7.00 | 7.14 | 6.45 | 5.54 | 4.74 | 4.80 | 4.99 | 6.56 |
| 26 | 6.57 | 6.11 | 6.76 | 6.96 | 7.00 | 7.15 | 6.51 | 5.46 | 4.69 | 4.86 | 5.05 | 6.60 |
| 27 | 6.59 | 6.10 | 6.78 | 6.96 | 7.00 | 7.17 | 6.56 | 5.37 | 4.65 | 4.87 | 5.14 | 6.64 |
| 28 | 6.61 | 6.11 | 6.79 | 6.97 | 7.01 | 7.18 | 6.61 | 5.34 | 4.63 | 4.89 | 5.21 | 6.68 |
| 29 | 6.65 | 6.17 | 6.79 | 6.98 | 7.01 | 7.18 | 6.66 | 5.31 | 4.60 | 4.89 | 5.25 | 6.71 |
| 30 | 6.68 | 6.19 | 6.81 | 6.99 | --- | 7.19 | 6.70 | 5.28 | 4.56 | 4.90 | 5.28 | 6.74 |
| 31 | 6.72 | --- | 6.82 | 7.00 | --- | 7.20 | --- | 5.25 | --- | 4.93 | 5.33 | --- |

GROUND-WATER LEVEL DATA

YUKON ALASKA—Continued

FAIRBANKS NORTH STAR BOROUGH—Continued

644345147172101. Local number, FD00200223BDAD1002.

LOCATION.--Lat 64°43'45", Long 147°17'21", in NE¹/₄ SE¹/₄ NW¹/₄ sec. 23, T.2 S., R.2 E., (Fairbanks C-1 NW quad) Fairbanks Meridian, Hydrologic Unit 19040506. Well located approximately 0.2 mi south on Dyke Road from intersection with Laurance Road in city of North Pole. Owner: U.S. Army Corps of Engineers.

AQUIFER.--Chena Alluvium of Quaternary age.

WELL CHARACTERISTICS.--Diameter 2-in. PVC casing, depth 13.0 ft, screen opening from 7.8 to 12.8 ft.

INSTRUMENTATION.--Intermittent measurements by USGS personnel July 2001 to current year; submersible pressure transducer/electronic data logger from October 13, 2001 to current year.

DATUM.--Elevation of land-surface datum is 499.84 ft above NGVD of 1929 (revised; levels by US Army Corps of Engineers, adjusted to 1992 survey of benchmarks by U.S. Coast and Geodetic Survey). Measuring point: top of inner casing 2.04 ft above land surface datum.

REMARKS.--Observation well drilled June 7, 1995 by the U.S. Army Corps of Engineers and designated as DSAP-13.

PERIOD OF RECORD.--July 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.59 ft below land-surface datum, July 31, 2003; lowest, 8.09 ft below land-surface datum, April 6, 2004.

EXTREMES FOR CURRENT YEAR.--Highest water level measured, 6.23 ft below land-surface datum, July 1-2; lowest, 8.09 ft below land-surface datum, April 6, 2004.

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 | 6.57 | 7.31 | 7.26 | 7.68 | 7.87 | 7.95 | 8.06 | 7.47 | 6.55 | 6.23 | 6.35 | 6.65 |
| 2 | 6.59 | 7.34 | 7.26 | 7.69 | 7.88 | 7.94 | 8.06 | 7.49 | 6.54 | 6.23 | 6.35 | 6.64 |
| 3 | 6.57 | 7.36 | 7.27 | 7.70 | 7.89 | 7.93 | 8.07 | 7.49 | 6.51 | 6.25 | 6.36 | 6.66 |
| 4 | 6.56 | 7.39 | 7.29 | 7.71 | 7.90 | 7.94 | 8.07 | 7.48 | 6.48 | 6.26 | 6.39 | 6.69 |
| 5 | 6.54 | 7.41 | 7.30 | 7.71 | 7.90 | 7.94 | 8.08 | 7.46 | 6.47 | 6.27 | 6.43 | 6.72 |
| 6 | 6.54 | 7.44 | 7.33 | 7.72 | 7.91 | 7.95 | 8.08 | 7.42 | 6.48 | 6.27 | 6.46 | 6.76 |
| 7 | 6.55 | 7.47 | 7.34 | 7.72 | 7.92 | 7.95 | 8.07 | 7.30 | 6.50 | 6.27 | 6.49 | 6.79 |
| 8 | 6.58 | 7.49 | 7.37 | 7.72 | 7.92 | 7.96 | 8.04 | 7.22 | 6.51 | 6.29 | 6.51 | 6.81 |
| 9 | 6.60 | 7.52 | 7.39 | 7.73 | 7.94 | 7.97 | 8.01 | 7.11 | 6.46 | 6.30 | 6.52 | 6.85 |
| 10 | 6.62 | 7.54 | 7.41 | 7.73 | 7.94 | 7.97 | 7.95 | 7.02 | 6.42 | 6.31 | 6.52 | 6.88 |
| 11 | 6.65 | 7.57 | 7.42 | 7.75 | 7.94 | 7.97 | 7.89 | 6.95 | 6.39 | 6.33 | 6.52 | 6.92 |
| 12 | 6.66 | 7.59 | 7.43 | 7.76 | 7.95 | 7.98 | 7.81 | 6.90 | 6.37 | 6.36 | 6.52 | 6.96 |
| 13 | 6.69 | 7.62 | 7.44 | 7.76 | 7.94 | 7.98 | 7.75 | 6.85 | 6.37 | 6.38 | 6.52 | 7.00 |
| 14 | 6.71 | 7.65 | 7.46 | 7.77 | 7.94 | 7.98 | 7.70 | 6.81 | 6.37 | 6.40 | 6.53 | 7.04 |
| 15 | 6.73 | 7.62 | 7.46 | 7.77 | 7.94 | 7.99 | 7.64 | 6.77 | 6.40 | 6.40 | 6.53 | 7.06 |
| 16 | 6.76 | 7.58 | 7.47 | 7.78 | 7.94 | 7.99 | 7.59 | 6.76 | 6.41 | 6.40 | 6.53 | 7.08 |
| 17 | 6.78 | 7.56 | 7.49 | 7.78 | 7.93 | 8.00 | 7.53 | 6.75 | 6.41 | 6.40 | 6.53 | 7.12 |
| 18 | 6.82 | 7.53 | 7.51 | 7.78 | 7.93 | 8.00 | 7.48 | 6.73 | 6.41 | 6.40 | 6.50 | 7.15 |
| 19 | 6.86 | 7.50 | 7.52 | 7.79 | 7.93 | 8.01 | 7.44 | 6.71 | 6.41 | 6.38 | 6.48 | 7.19 |
| 20 | 6.90 | 7.47 | 7.53 | 7.79 | 7.93 | 8.01 | 7.40 | 6.70 | 6.41 | 6.38 | 6.48 | 7.21 |
| 21 | 6.94 | 7.44 | 7.55 | 7.80 | 7.92 | 8.02 | 7.35 | 6.70 | 6.40 | 6.39 | 6.47 | 7.25 |
| 22 | 6.98 | 7.41 | 7.55 | 7.81 | 7.93 | 8.02 | 7.33 | 6.70 | 6.39 | 6.37 | 6.46 | 7.27 |
| 23 | 7.01 | 7.37 | 7.57 | 7.82 | 7.93 | 8.02 | 7.31 | 6.71 | 6.38 | 6.33 | 6.46 | 7.29 |
| 24 | 7.06 | 7.34 | 7.59 | 7.83 | 7.93 | 8.02 | 7.31 | 6.70 | 6.36 | 6.31 | 6.47 | 7.33 |
| 25 | 7.09 | 7.31 | 7.60 | 7.84 | 7.94 | 8.02 | 7.32 | 6.69 | 6.35 | 6.33 | 6.49 | 7.36 |
| 26 | 7.13 | 7.29 | 7.62 | 7.84 | 7.93 | 8.02 | 7.35 | 6.68 | 6.33 | 6.36 | 6.50 | 7.39 |
| 27 | 7.17 | 7.26 | 7.63 | 7.84 | 7.93 | 8.03 | 7.37 | 6.64 | 6.31 | 6.37 | 6.53 | 7.42 |
| 28 | 7.20 | 7.25 | 7.64 | 7.84 | 7.94 | 8.03 | 7.40 | 6.62 | 6.30 | 6.39 | 6.57 | 7.45 |
| 29 | 7.23 | 7.26 | 7.64 | 7.85 | 7.94 | 8.04 | 7.43 | 6.60 | 6.28 | 6.40 | 6.59 | 7.48 |
| 30 | 7.26 | 7.26 | 7.65 | 7.86 | --- | 8.04 | 7.46 | 6.58 | 6.25 | 6.40 | 6.61 | 7.51 |
| 31 | 7.29 | --- | 7.67 | 7.86 | --- | 8.05 | --- | 6.56 | --- | 6.40 | 6.64 | --- |

YUKON ALASKA—Continued

FAIRBANKS NORTH STAR BOROUGH—Continued

644400147151501. Local number, FD00200224ABBB1001 51659.

LOCATION.--Lat 64°44'00", long 147°15'15", in NW¹/₄ NW¹/₄ NW¹/₄ sec. 24, T.2 S., R.2 E., (Fairbanks C-1) Fairbanks Meridian, Hydrologic Unit 19040506, in road right-of-way at intersection of Nelson and Laurence Roads near North Pole.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Chena Alluvium of Quaternary age.

WELL CHARACTERISTICS.--Diameter 4-in., depth 30 ft, screened from 27.5 to 30 ft using a 2-in. diameter well point.

INSTRUMENTATION.--Strip-chart recorder from June 1976 to May 1980. Digital recorder--1-hour punch interval, from November 1983 to June 1995. Electronic data logger from June 1995 to present.

DATUM.--Elevation of land-surface datum is 503.50 ft above sea level (determined by levels survey). Measuring point: top of casing 2.97 ft above land-surface datum.

REMARKS.--Observation well drilled by the U.S. Army Corps of Engineers designated as P-251.

PERIOD OF RECORD.--June 1976 to May 1980 and November 1983 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.84 ft below land-surface datum, June 7, 1992; lowest, 13.70 ft below land-surface datum, February 18-20, 1988.

EXTREMES FOR CURRENT YEAR.--Highest water level measured, 11.42 ft below land-surface datum, October 1; lowest, 13.57 ft below land-surface datum, April 7-10.

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 | 11.42 | 12.08 | 12.54 | 12.91 | 13.21 | 13.40 | 13.53 | 12.93 | 12.32 | 12.16 | 12.25 | 12.43 |
| 2 | 11.44 | 12.10 | 12.54 | 12.92 | 13.22 | 13.40 | 13.53 | 12.93 | 12.32 | 12.15 | 12.24 | 12.44 |
| 3 | 11.45 | 12.13 | 12.55 | 12.94 | 13.23 | 13.41 | 13.54 | 12.93 | 12.30 | 12.14 | 12.23 | 12.44 |
| 4 | 11.48 | 12.15 | 12.57 | 12.95 | 13.24 | 13.41 | 13.55 | 12.92 | 12.28 | 12.14 | 12.24 | 12.46 |
| 5 | 11.50 | 12.17 | 12.57 | 12.96 | 13.25 | 13.41 | 13.55 | 12.92 | 12.27 | 12.14 | 12.25 | 12.47 |
| 6 | 11.50 | 12.19 | 12.58 | 12.97 | 13.26 | 13.42 | 13.56 | 12.91 | 12.26 | 12.14 | 12.26 | 12.49 |
| 7 | 11.51 | 12.21 | 12.59 | 12.97 | 13.26 | 13.42 | 13.56 | 12.90 | 12.25 | 12.14 | 12.28 | 12.51 |
| 8 | 11.54 | 12.23 | 12.60 | 12.98 | 13.27 | 13.42 | 13.57 | 12.86 | 12.25 | 12.14 | 12.30 | 12.52 |
| 9 | 11.55 | 12.26 | 12.61 | 12.99 | 13.29 | 13.43 | 13.56 | 12.83 | 12.24 | 12.14 | 12.31 | 12.53 |
| 10 | 11.58 | 12.28 | 12.63 | 13.00 | 13.29 | 13.44 | 13.55 | 12.79 | 12.22 | 12.14 | 12.32 | 12.55 |
| 11 | 11.60 | 12.31 | 12.64 | 13.02 | 13.31 | 13.44 | 13.52 | 12.76 | 12.21 | 12.15 | 12.32 | 12.56 |
| 12 | 11.62 | 12.32 | 12.65 | 13.03 | 13.31 | 13.45 | 13.47 | 12.71 | 12.19 | 12.16 | 12.33 | 12.58 |
| 13 | 11.64 | 12.35 | 12.66 | 13.04 | 13.32 | 13.45 | 13.43 | 12.67 | 12.19 | 12.18 | 12.34 | 12.61 |
| 14 | 11.66 | 12.37 | 12.67 | 13.05 | 13.33 | 13.45 | 13.38 | 12.63 | 12.18 | 12.19 | 12.35 | 12.63 |
| 15 | 11.67 | 12.40 | 12.68 | 13.06 | 13.33 | 13.46 | 13.34 | 12.60 | 12.18 | 12.21 | 12.35 | 12.64 |
| 16 | 11.68 | 12.42 | 12.69 | 13.07 | 13.34 | 13.47 | 13.31 | 12.58 | 12.17 | 12.22 | 12.36 | 12.66 |
| 17 | 11.70 | 12.44 | 12.71 | 13.07 | 13.34 | 13.48 | 13.27 | 12.55 | 12.17 | 12.23 | 12.36 | 12.68 |
| 18 | 11.72 | 12.46 | 12.73 | 13.08 | 13.35 | 13.48 | 13.23 | 12.53 | 12.17 | 12.24 | 12.36 | 12.70 |
| 19 | 11.74 | 12.47 | 12.73 | 13.09 | 13.35 | 13.48 | 13.20 | 12.51 | 12.17 | 12.24 | 12.36 | 12.71 |
| 20 | 11.78 | 12.49 | 12.75 | 13.10 | 13.35 | 13.49 | 13.15 | 12.49 | 12.17 | 12.24 | 12.36 | 12.72 |
| 21 | 11.80 | 12.50 | 12.76 | 13.12 | 13.36 | 13.49 | 13.11 | 12.47 | 12.17 | 12.24 | 12.36 | 12.74 |
| 22 | 11.82 | 12.50 | 12.77 | 13.13 | 13.37 | 13.49 | 13.08 | 12.45 | 12.17 | 12.25 | 12.35 | 12.76 |
| 23 | 11.84 | 12.50 | 12.79 | 13.14 | 13.37 | 13.49 | 13.06 | 12.44 | 12.17 | 12.24 | 12.35 | 12.78 |
| 24 | 11.87 | 12.51 | 12.80 | 13.14 | 13.37 | 13.50 | 13.03 | 12.42 | 12.18 | 12.22 | 12.36 | 12.80 |
| 25 | 11.89 | 12.52 | 12.81 | 13.15 | 13.38 | 13.50 | 13.01 | 12.41 | 12.18 | 12.22 | 12.37 | 12.81 |
| 26 | 11.92 | 12.53 | 12.83 | 13.16 | 13.38 | 13.50 | 12.99 | 12.40 | 12.18 | 12.22 | 12.37 | 12.83 |
| 27 | 11.96 | 12.51 | 12.84 | 13.17 | 13.39 | 13.51 | 12.97 | 12.38 | 12.18 | 12.22 | 12.38 | 12.85 |
| 28 | 11.98 | 12.51 | 12.85 | 13.17 | 13.40 | 13.51 | 12.96 | 12.37 | 12.18 | 12.23 | 12.39 | 12.87 |
| 29 | 12.01 | 12.53 | 12.86 | 13.18 | 13.40 | 13.52 | 12.95 | 12.36 | 12.17 | 12.25 | 12.40 | 12.89 |
| 30 | 12.03 | 12.53 | 12.88 | 13.19 | --- | 13.52 | 12.93 | 12.35 | 12.16 | 12.26 | 12.42 | 12.90 |
| 31 | 12.06 | --- | 12.90 | 13.20 | --- | 13.53 | --- | 12.33 | --- | 12.26 | 12.43 | --- |

GROUND-WATER LEVEL DATA

YUKON ALASKA—Continued

FAIRBANKS NORTH STAR BOROUGH—Continued

644401147193801. Local number, FD00200222BABA1005.

LOCATION.--Lat 64°44'01", Long 147°19'38", in NW¹/₄ NE¹/₄ NW¹/₄ sec. 22, T.2 S., R.2 E., (Fairbanks C-1 NW quad), Fairbanks Meridian, Hydrologic Unit 19040506. Well located at southeast corner of Laurance Road and Old Richardson Highway intersection, North Pole.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Chena Alluvium of Quaternary age.

WELL CHARACTERISTICS.--Diameter 2-in. PVC casing, depth 14.1 ft, screen opening from 9.1 to 13.6 ft.

INSTRUMENTATION.--Intermittent measurements by USGS personnel July 2001 to current year; submersible pressure transducer/electronic data logger from October 13, 2001 to current year.

DATUM.--Elevation of land-surface datum is 496.04 ft above sea level, NGVD of 1929 (revised; levels by US Army Corps of Engineers, adjusted to 1992 survey of benchmarks by U.S. Coast and Geodetic Survey). Measuring point: top of inner casing 3.59 ft above land surface datum.

REMARKS.--Observation well drilled April 9, 1995 by the U.S. Army Corps of Engineers and designated as DSAP-15.

PERIOD OF RECORD.--July 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.35 ft below land-surface datum, July 30, 2003; lowest, 6.55 ft below land-surface datum, April 2-6, 2004.

EXTREMES FOR CURRENT YEAR.--Highest water level measured, 4.12 ft below land-surface datum, July 2; lowest, 6.55 ft below land-surface datum, April 2-6.

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 | 5.24 | 6.07 | 5.63 | 6.16 | 6.34 | 6.36 | 6.53 | 6.08 | 4.69 | 4.13 | 4.24 | 4.72 |
| 2 | 5.16 | 6.11 | 5.62 | 6.17 | 6.36 | 6.35 | 6.54 | 6.06 | 4.66 | 4.12 | 4.26 | 4.73 |
| 3 | 5.08 | 6.14 | 5.65 | 6.18 | 6.37 | 6.34 | 6.54 | 6.01 | 4.64 | 4.15 | 4.29 | 4.76 |
| 4 | 5.04 | 6.18 | 5.69 | 6.19 | 6.38 | 6.35 | 6.55 | 5.95 | 4.60 | 4.15 | 4.34 | 4.81 |
| 5 | 5.01 | 6.21 | 5.72 | 6.19 | 6.39 | 6.36 | 6.54 | 5.92 | 4.60 | 4.17 | 4.40 | 4.86 |
| 6 | 5.01 | 6.24 | 5.75 | 6.19 | 6.40 | 6.36 | 6.53 | 5.85 | 4.61 | 4.16 | 4.45 | 4.91 |
| 7 | 5.03 | 6.26 | 5.78 | 6.19 | 6.40 | 6.37 | 6.50 | 5.67 | 4.65 | 4.16 | 4.48 | 4.97 |
| 8 | 5.08 | 6.29 | 5.82 | 6.19 | 6.39 | 6.39 | 6.45 | 5.51 | 4.67 | 4.20 | 4.50 | 5.02 |
| 9 | 5.11 | 6.31 | 5.85 | 6.20 | 6.41 | 6.41 | 6.39 | 5.33 | 4.58 | 4.21 | 4.52 | 5.07 |
| 10 | 5.15 | 6.34 | 5.87 | 6.21 | 6.40 | 6.42 | 6.33 | 5.20 | 4.54 | 4.23 | 4.51 | 5.13 |
| 11 | 5.19 | 6.37 | 5.87 | 6.23 | 6.41 | 6.43 | 6.25 | 5.12 | 4.50 | 4.27 | 4.49 | 5.19 |
| 12 | 5.22 | 6.39 | 5.88 | 6.23 | 6.41 | 6.43 | 6.17 | 5.07 | 4.48 | 4.31 | 4.50 | 5.25 |
| 13 | 5.26 | 6.43 | 5.89 | 6.23 | 6.38 | 6.44 | 6.08 | 5.00 | 4.47 | 4.34 | 4.50 | 5.32 |
| 14 | 5.29 | 6.29 | 5.90 | 6.23 | 6.36 | 6.43 | 6.00 | 4.94 | 4.48 | 4.35 | 4.53 | 5.38 |
| 15 | 5.32 | 6.14 | 5.91 | 6.23 | 6.36 | 6.44 | 5.92 | 4.91 | 4.51 | 4.34 | 4.52 | 5.41 |
| 16 | 5.36 | 6.06 | 5.92 | 6.24 | 6.36 | 6.45 | 5.87 | 4.89 | 4.51 | 4.32 | 4.51 | 5.45 |
| 17 | 5.40 | 6.00 | 5.96 | 6.24 | 6.35 | 6.46 | 5.82 | 4.89 | 4.51 | 4.32 | 4.50 | 5.51 |
| 18 | 5.46 | 5.95 | 5.97 | 6.25 | 6.34 | 6.45 | 5.78 | 4.87 | 4.51 | 4.32 | 4.46 | 5.56 |
| 19 | 5.51 | 5.91 | 5.98 | 6.26 | 6.34 | 6.45 | 5.75 | 4.87 | 4.50 | 4.29 | 4.44 | 5.61 |
| 20 | 5.58 | 5.86 | 6.00 | 6.27 | 6.34 | 6.46 | 5.73 | 4.87 | 4.49 | 4.29 | 4.45 | 5.65 |
| 21 | 5.64 | 5.80 | 6.02 | 6.28 | 6.34 | 6.48 | 5.71 | 4.88 | 4.47 | 4.30 | 4.44 | 5.70 |
| 22 | 5.70 | 5.76 | 6.02 | 6.29 | 6.34 | 6.47 | 5.71 | 4.90 | 4.45 | 4.28 | 4.43 | 5.73 |
| 23 | 5.75 | 5.69 | 6.05 | 6.30 | 6.35 | 6.47 | 5.72 | 4.93 | 4.43 | 4.20 | 4.42 | 5.76 |
| 24 | 5.80 | 5.63 | 6.07 | 6.31 | 6.35 | 6.47 | 5.74 | 4.93 | 4.39 | 4.19 | 4.42 | 5.80 |
| 25 | 5.85 | 5.60 | 6.08 | 6.30 | 6.35 | 6.47 | 5.83 | 4.92 | 4.36 | 4.22 | 4.45 | 5.84 |
| 26 | 5.89 | 5.57 | 6.11 | 6.31 | 6.35 | 6.47 | 5.89 | 4.87 | 4.32 | 4.24 | 4.48 | 5.88 |
| 27 | 5.91 | 5.55 | 6.12 | 6.31 | 6.35 | 6.49 | 5.93 | 4.82 | 4.28 | 4.27 | 4.54 | 5.91 |
| 28 | 5.93 | 5.56 | 6.12 | 6.31 | 6.36 | 6.49 | 5.96 | 4.79 | 4.23 | 4.29 | 4.59 | 5.95 |
| 29 | 5.97 | 5.59 | 6.13 | 6.31 | 6.37 | 6.50 | 6.01 | 4.76 | 4.19 | 4.31 | 4.62 | 5.99 |
| 30 | 6.00 | 5.62 | 6.14 | 6.32 | --- | 6.51 | 6.05 | 4.74 | 4.15 | 4.31 | 4.65 | 6.02 |
| 31 | 6.03 | --- | 6.16 | 6.33 | --- | 6.52 | --- | 4.71 | --- | 4.32 | 4.68 | --- |

YUKON ALASKA—Continued

FAIRBANKS NORTH STAR BOROUGH—Continued

644402147132801. Local number, FD00200319BAAB1001.

LOCATION.--Lat 64°44'02", Long 147°13'28", in NE¹/₄ NE¹/₄ NW¹/₄ sec. 19, T.2 S., R.3 E., (Fairbanks C-1 NE quad), Fairbanks Meridian, Hydrologic Unit 19040506. Well located approximately 1.2 mi east of gate at gravel road from U.S. Army Corps of Engineers office, then north of gravel road beneath power lines, North Pole.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Chena Alluvium of Quaternary age.

WELL CHARACTERISTICS.--Diameter 2-in. PVC casing, depth 24.3 ft, screen opening from 19.2 to 24.2 ft.

INSTRUMENTATION.--Intermittent measurements by USGS personnel July 2001 to current year; submersible pressure transducer/electronic data logger from October 5, 2001 to current year.

DATUM.--Elevation of land-surface datum is 505.44 ft above NGVD of 1929 (revised; levels by US Army Corps of Engineers, adjusted to 1992 survey of benchmarks by U.S. Coast and Geodetic Survey). Measuring point: top of inner casing 5.92 ft above land surface datum.

REMARKS.--Observation well drilled September 7, 1994 by the U.S. Army Corps of Engineers and designated as USAP-1.

PERIOD OF RECORD.--July 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.64 ft. below land-surface datum, September 24, 2003; lowest, 14.62 ft below land-surface datum, April 24-26, 2002.

EXTREMES FOR CURRENT YEAR.--Highest water level measured, 11.78 ft below land-surface datum, October 1; lowest, 14.49 ft. below land-surface datum, April 10-11.

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 | 11.78 | 12.45 | 13.06 | 13.54 | 13.94 | 14.23 | 14.42 | 13.88 | 13.33 | 13.08 | 13.22 | 13.42 |
| 2 | 11.80 | 12.46 | 13.07 | 13.56 | 13.95 | 14.24 | 14.42 | 13.87 | 13.32 | 13.08 | 13.23 | 13.43 |
| 3 | 11.81 | 12.48 | 13.09 | 13.58 | 13.96 | 14.24 | 14.43 | 13.87 | 13.31 | 13.08 | 13.23 | 13.44 |
| 4 | 11.84 | 12.51 | 13.11 | 13.60 | 13.97 | 14.25 | 14.44 | 13.86 | 13.29 | 13.08 | 13.23 | 13.45 |
| 5 | 11.86 | 12.52 | 13.12 | 13.61 | 13.98 | 14.26 | 14.44 | 13.85 | 13.28 | 13.08 | 13.23 | 13.47 |
| 6 | 11.86 | 12.55 | 13.13 | 13.62 | 13.99 | 14.26 | 14.45 | 13.84 | 13.27 | 13.08 | 13.24 | 13.48 |
| 7 | 11.88 | 12.57 | 13.15 | 13.63 | 14.00 | 14.27 | 14.46 | 13.83 | 13.25 | 13.08 | 13.25 | 13.48 |
| 8 | 11.91 | 12.58 | 13.17 | 13.63 | 14.02 | 14.27 | 14.47 | 13.81 | 13.25 | 13.08 | 13.26 | 13.49 |
| 9 | 11.94 | 12.60 | 13.18 | 13.65 | 14.03 | 14.28 | 14.47 | 13.78 | 13.23 | 13.08 | 13.27 | 13.50 |
| 10 | 11.96 | 12.62 | 13.20 | 13.66 | 14.04 | 14.29 | 14.47 | 13.75 | 13.22 | 13.07 | 13.28 | 13.50 |
| 11 | 12.01 | 12.65 | 13.21 | 13.69 | 14.05 | 14.30 | 14.48 | 13.72 | 13.20 | 13.08 | 13.28 | 13.51 |
| 12 | 12.02 | 12.66 | 13.22 | 13.70 | 14.07 | 14.30 | 14.47 | 13.69 | 13.19 | 13.08 | 13.29 | 13.52 |
| 13 | 12.05 | 12.69 | 13.24 | 13.71 | 14.08 | 14.31 | 14.46 | 13.66 | 13.19 | 13.08 | 13.30 | 13.53 |
| 14 | 12.07 | 12.71 | 13.26 | 13.73 | 14.08 | 14.32 | 14.43 | 13.64 | 13.18 | 13.09 | 13.32 | 13.55 |
| 15 | 12.07 | 12.74 | 13.27 | 13.74 | 14.10 | 14.32 | 14.39 | 13.61 | 13.17 | 13.10 | 13.33 | 13.56 |
| 16 | 12.08 | 12.76 | 13.28 | 13.75 | 14.11 | 14.33 | 14.36 | 13.59 | 13.15 | 13.12 | 13.33 | 13.58 |
| 17 | 12.09 | 12.79 | 13.30 | 13.76 | 14.12 | 14.35 | 14.31 | 13.58 | 13.15 | 13.12 | 13.34 | 13.59 |
| 18 | 12.12 | 12.82 | 13.32 | 13.77 | 14.12 | 14.35 | 14.27 | 13.56 | 13.13 | 13.13 | 13.34 | 13.60 |
| 19 | 12.13 | 12.84 | 13.33 | 13.79 | 14.13 | 14.36 | 14.21 | 13.53 | 13.13 | 13.14 | 13.35 | 13.61 |
| 20 | 12.16 | 12.87 | 13.35 | 13.79 | 14.14 | 14.36 | 14.15 | 13.52 | 13.12 | 13.15 | 13.35 | 13.61 |
| 21 | 12.19 | 12.88 | 13.37 | 13.81 | 14.15 | 14.37 | 14.10 | 13.50 | 13.11 | 13.16 | 13.36 | 13.62 |
| 22 | 12.21 | 12.90 | 13.37 | 13.82 | 14.16 | 14.37 | 14.07 | 13.48 | 13.11 | 13.18 | 13.36 | 13.64 |
| 23 | 12.22 | 12.92 | 13.39 | 13.84 | 14.17 | 14.38 | 14.04 | 13.46 | 13.11 | 13.18 | 13.36 | 13.65 |
| 24 | 12.25 | 12.93 | 13.41 | 13.84 | 14.18 | 14.39 | 14.02 | 13.44 | 13.10 | 13.18 | 13.36 | 13.67 |
| 25 | 12.26 | 12.96 | 13.43 | 13.86 | 14.19 | 14.39 | 13.99 | 13.42 | 13.10 | 13.19 | 13.37 | 13.68 |
| 26 | 12.29 | 12.98 | 13.46 | 13.87 | 14.20 | 14.39 | 13.97 | 13.41 | 13.10 | 13.18 | 13.38 | 13.69 |
| 27 | 12.33 | 12.99 | 13.47 | 13.88 | 14.20 | 14.39 | 13.94 | 13.39 | 13.10 | 13.18 | 13.38 | 13.70 |
| 28 | 12.35 | 13.00 | 13.48 | 13.89 | 14.22 | 14.39 | 13.93 | 13.39 | 13.09 | 13.18 | 13.39 | 13.72 |
| 29 | 12.39 | 13.03 | 13.49 | 13.90 | 14.22 | 14.40 | 13.91 | 13.37 | 13.09 | 13.20 | 13.40 | 13.74 |
| 30 | 12.40 | 13.04 | 13.51 | 13.91 | --- | 14.41 | 13.90 | 13.35 | 13.08 | 13.21 | 13.41 | 13.74 |
| 31 | 12.42 | --- | 13.53 | 13.92 | --- | 14.41 | --- | 13.34 | --- | 13.22 | 13.42 | --- |

YUKON ALASKA—Continued

FAIRBANKS NORTH STAR BOROUGH—Continued

644402147150401. Local number, FD00200224ABBA1002.

LOCATION.--Lat 64°44'02", Long 147°15'04", in NW¹/₄ NW¹/₄ NE¹/₄ sec. 24, T.2 S., R.2 E., (Fairbanks C-1 NW quad), Fairbanks Meridian, Hydrologic Unit 19040506. Well located approximately 0.1 mi east of Laurance Road and Nelson Road intersection, then 50 ft east of road behind grove of trees towards levee, North Pole.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Chena Alluvium of Quaternary age.

WELL CHARACTERISTICS.--Diameter 2-in. PVC casing, depth 19.4 ft, screen openings from 9.4 to 13.9 ft and 14.4 to 18.9 ft.

INSTRUMENTATION.--Intermittent measurements by USGS personnel July 2001 to current year; submersible pressure transducer/electronic data logger from October 5, 2001 to current year.

DATUM.--Elevation of land-surface datum is 504.74 ft above NGVD of 1929 (revised; levels by US Army Corps of Engineers, adjusted to 1992 survey of benchmarks by U.S. Coast and Geodetic Survey). Measuring point: top of inner casing 2.57 ft above land surface datum.

REMARKS.--Observation well drilled March 12, 1995 by the U.S. Army Corps of Engineers and designated as DSAP-11.

PERIOD OF RECORD.--July 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.74 ft below land-surface datum, September 17-18, 2003; lowest, 13.31 ft below land-surface datum, April 19 and 21-25, 2002.

EXTREMES FOR CURRENT YEAR.--Highest water level measured, 11.00 ft below land-surface datum, October 1; lowest, 13.26 ft below land-surface datum, April 8.

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 | 11.00 | 11.68 | 12.17 | 12.54 | 12.85 | 13.06 | 13.21 | 12.62 | 12.02 | 11.84 | 11.94 | 12.03 |
| 2 | 11.02 | 11.70 | 12.17 | 12.56 | 12.86 | 13.06 | 13.20 | 12.62 | 12.02 | 11.84 | 11.93 | 12.05 |
| 3 | 11.03 | 11.72 | 12.18 | 12.57 | 12.86 | 13.06 | 13.22 | 12.61 | 12.00 | 11.83 | 11.92 | --- |
| 4 | 11.07 | 11.75 | 12.19 | 12.58 | 12.87 | 13.07 | 13.22 | 12.60 | 11.99 | 11.82 | 11.92 | --- |
| 5 | 11.08 | 11.77 | 12.20 | 12.59 | 12.89 | 13.07 | 13.23 | 12.60 | 11.97 | 11.82 | 11.92 | --- |
| 6 | 11.09 | 11.79 | 12.21 | 12.60 | 12.90 | 13.07 | 13.23 | 12.59 | 11.97 | 11.82 | 11.93 | --- |
| 7 | 11.11 | 11.81 | 12.22 | 12.61 | 12.91 | 13.08 | 13.24 | 12.58 | 11.95 | 11.82 | 11.94 | --- |
| 8 | 11.13 | 11.82 | 12.23 | 12.61 | 12.90 | 13.08 | 13.24 | 12.54 | 11.95 | 11.83 | 11.96 | 12.14 |
| 9 | 11.15 | 11.85 | 12.24 | 12.62 | 12.93 | 13.08 | 13.24 | 12.52 | 11.93 | 11.82 | 11.97 | 12.15 |
| 10 | 11.17 | 11.87 | 12.25 | 12.62 | 12.93 | 13.09 | 13.24 | 12.49 | 11.92 | 11.82 | 11.97 | 12.16 |
| 11 | 11.20 | 11.90 | 12.26 | 12.64 | 12.94 | 13.10 | 13.21 | 12.45 | 11.90 | 11.83 | 11.98 | 12.17 |
| 12 | 11.22 | 11.91 | 12.27 | 12.65 | 12.95 | 13.10 | 13.17 | 12.41 | 11.89 | 11.84 | 11.98 | 12.19 |
| 13 | 11.24 | 11.94 | 12.29 | 12.67 | 12.96 | 13.11 | 13.13 | 12.37 | 11.89 | 11.85 | 11.99 | 12.22 |
| 14 | 11.27 | 11.97 | 12.30 | 12.67 | 12.97 | 13.11 | 13.08 | 12.33 | 11.88 | 11.87 | 12.00 | 12.24 |
| 15 | 11.28 | 11.99 | 12.31 | 12.68 | 12.97 | 13.12 | 13.03 | 12.31 | 11.87 | 11.88 | 11.99 | 12.26 |
| 16 | 11.29 | 12.02 | 12.32 | 12.70 | 12.98 | 13.13 | 13.00 | 12.28 | 11.87 | 11.90 | 12.00 | --- |
| 17 | 11.31 | 12.04 | 12.34 | 12.70 | 12.99 | 13.13 | 12.96 | 12.26 | 11.87 | 11.90 | --- | --- |
| 18 | 11.33 | 12.05 | 12.35 | 12.71 | 12.99 | 13.14 | 12.93 | 12.24 | 11.87 | 11.91 | --- | 12.32 |
| 19 | 11.35 | 12.07 | 12.36 | 12.72 | 13.00 | 13.15 | 12.88 | 12.21 | 11.86 | 11.92 | --- | 12.33 |
| 20 | 11.38 | 12.09 | 12.38 | 12.72 | 13.00 | 13.15 | 12.85 | 12.19 | 11.86 | 11.92 | --- | 12.35 |
| 21 | 11.40 | 12.09 | 12.39 | 12.74 | 13.00 | 13.15 | 12.80 | 12.17 | 11.86 | 11.92 | --- | 12.37 |
| 22 | 11.43 | 12.11 | 12.39 | 12.76 | 13.01 | 13.15 | 12.77 | 12.15 | 11.86 | 11.93 | --- | 12.38 |
| 23 | 11.44 | 12.11 | 12.42 | 12.77 | 13.02 | 13.16 | 12.75 | 12.14 | 11.86 | 11.92 | --- | 12.41 |
| 24 | 11.47 | 12.11 | 12.43 | 12.78 | 13.03 | 13.16 | 12.72 | 12.12 | 11.86 | 11.91 | --- | 12.43 |
| 25 | 11.49 | 12.13 | 12.45 | 12.79 | 13.03 | 13.18 | 12.70 | 12.11 | 11.87 | 11.91 | --- | 12.45 |
| 26 | 11.52 | 12.14 | 12.47 | 12.79 | 13.03 | 13.18 | 12.68 | 12.10 | 11.86 | 11.90 | --- | 12.46 |
| 27 | 11.56 | 12.13 | 12.47 | 12.80 | 13.04 | 13.18 | 12.66 | 12.08 | 11.86 | 11.90 | --- | 12.49 |
| 28 | 11.58 | 12.13 | 12.49 | 12.81 | 13.05 | 13.18 | 12.65 | 12.07 | 11.86 | 11.91 | --- | --- |
| 29 | 11.61 | 12.15 | 12.49 | 12.82 | 13.05 | 13.19 | 12.64 | 12.06 | 11.85 | 11.93 | --- | --- |
| 30 | 11.63 | 12.15 | 12.51 | 12.83 | --- | 13.20 | 12.62 | 12.05 | 11.84 | 11.95 | --- | 12.55 |
| 31 | 11.65 | --- | 12.53 | 12.84 | --- | 13.20 | --- | 12.03 | --- | 11.95 | --- | --- |

YUKON ALASKA—Continued

FAIRBANKS NORTH STAR BOROUGH—Continued

644402147182601. Local number, FD00200222AAAA1004.

LOCATION.--Lat 64°44'02", Long 147°18'26", in NE¹/₄ NE¹/₄ NE¹/₄ sec. 22, T.2 S., R.2 E., (Fairbanks C-1 NW quad), Fairbanks Meridian, Hydrologic Unit 19040506. Well located approximately 25 ft southeast of southeast corner of Laurance Road and Treaty Street intersection, North Pole.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Chena Alluvium of Quaternary age.

WELL CHARACTERISTICS.--Diameter 2-in. PVC casing, depth 15.0 ft, screen opening from 10.1 to 14.6 ft.

INSTRUMENTATION.--Intermittent measurements by USGS personnel July 2001 to current year; submersible pressure transducer/electronic data logger from October 13, 2001 to current year.

DATUM.--Elevation of land-surface datum is 498.14 ft above NGVD of 1929 (revised; levels by US Army Corps of Engineers, adjusted to 1992 survey of benchmarks by U.S. Coast and Geodetic Survey). Measuring point was changed from top of outer casing to top of inner casing (2.29 ft above land surface datum) in the 2002 Water Year.

REMARKS.--Observation well drilled April 10, 1995 by the U.S. Army Corps of Engineers and designated as DSAP-12.

PERIOD OF RECORD.--July 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.51 ft below land-surface datum, August 3, 2003; lowest, lowest, 8.33 ft below land-surface datum, May 28-31, 2003.

EXTREMES FOR CURRENT YEAR.--Highest water level measured, 6.20 ft below land-surface datum, July 1-2, 2004; lowest, 8.23 ft below land-surface datum, April 4-5, 2004.

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 | 6.77 | 7.61 | 7.45 | 7.87 | 8.04 | 8.09 | 8.20 | 7.65 | 6.57 | 6.20 | 6.25 | 6.58 |
| 2 | 6.77 | 7.64 | 7.45 | 7.88 | 8.05 | 8.07 | 8.20 | 7.66 | 6.55 | 6.20 | 6.26 | 6.56 |
| 3 | 6.74 | 7.67 | 7.46 | 7.89 | 8.06 | 8.07 | 8.21 | 7.64 | 6.52 | 6.21 | 6.29 | 6.58 |
| 4 | 6.73 | 7.69 | 7.49 | 7.90 | 8.07 | 8.07 | 8.22 | 7.61 | 6.49 | 6.21 | 6.33 | 6.62 |
| 5 | 6.71 | 7.72 | 7.51 | 7.90 | 8.07 | 8.07 | 8.22 | 7.59 | 6.49 | 6.23 | 6.37 | 6.66 |
| 6 | 6.71 | 7.75 | 7.53 | 7.89 | 8.08 | 8.07 | 8.22 | 7.52 | 6.49 | 6.22 | 6.40 | 6.70 |
| 7 | 6.73 | 7.77 | 7.55 | 7.89 | 8.09 | 8.08 | 8.20 | 7.36 | 6.52 | 6.23 | 6.43 | 6.74 |
| 8 | 6.76 | 7.80 | 7.58 | 7.89 | 8.09 | 8.10 | 8.16 | 7.26 | 6.52 | 6.25 | 6.44 | 6.78 |
| 9 | 6.78 | 7.82 | 7.59 | 7.90 | 8.10 | 8.10 | 8.12 | 7.15 | 6.43 | 6.25 | 6.46 | 6.82 |
| 10 | 6.80 | 7.85 | 7.61 | 7.91 | 8.10 | 8.11 | 8.06 | 7.06 | 6.40 | 6.27 | 6.46 | 6.86 |
| 11 | 6.83 | 7.88 | 7.62 | 7.93 | 8.11 | 8.12 | 7.99 | 7.00 | 6.38 | 6.29 | 6.45 | 6.91 |
| 12 | 6.85 | 7.91 | 7.63 | 7.94 | 8.11 | 8.12 | 7.90 | 6.95 | 6.37 | 6.33 | 6.45 | 6.96 |
| 13 | 6.88 | 7.94 | 7.64 | 7.94 | 8.09 | 8.13 | 7.84 | 6.89 | 6.38 | 6.35 | 6.45 | 7.01 |
| 14 | 6.91 | 7.91 | 7.65 | 7.94 | 8.09 | 8.13 | 7.77 | 6.84 | 6.39 | 6.36 | 6.48 | 7.06 |
| 15 | 6.94 | 7.84 | 7.66 | 7.94 | 8.09 | 8.13 | 7.72 | 6.81 | 6.42 | 6.36 | 6.47 | 7.08 |
| 16 | 6.97 | 7.79 | 7.67 | 7.95 | 8.08 | 8.13 | 7.67 | 6.79 | 6.43 | 6.35 | 6.46 | 7.12 |
| 17 | 7.00 | 7.76 | 7.69 | 7.95 | 8.08 | 8.14 | 7.61 | 6.78 | 6.43 | 6.36 | 6.46 | 7.17 |
| 18 | 7.05 | 7.72 | 7.71 | 7.96 | 8.07 | 8.14 | 7.57 | 6.76 | 6.44 | 6.35 | 6.44 | 7.21 |
| 19 | 7.09 | 7.70 | 7.71 | 7.97 | 8.07 | 8.15 | 7.52 | 6.74 | 6.43 | 6.33 | 6.41 | 7.25 |
| 20 | 7.14 | 7.65 | 7.73 | 7.97 | 8.07 | 8.15 | 7.49 | 6.74 | 6.43 | 6.33 | 6.41 | 7.29 |
| 21 | 7.18 | 7.62 | 7.74 | 7.98 | 8.07 | 8.16 | 7.45 | 6.74 | 6.43 | 6.34 | 6.40 | 7.33 |
| 22 | 7.23 | 7.58 | 7.74 | 7.99 | 8.07 | 8.16 | 7.44 | 6.74 | 6.40 | 6.32 | 6.39 | 7.34 |
| 23 | 7.28 | 7.53 | 7.77 | 8.00 | 8.08 | 8.15 | 7.44 | 6.74 | 6.40 | 6.25 | 6.39 | 7.37 |
| 24 | 7.33 | 7.50 | 7.78 | 8.00 | 8.08 | 8.16 | 7.45 | 6.74 | 6.38 | 6.24 | 6.39 | 7.41 |
| 25 | 7.37 | 7.47 | 7.79 | 8.01 | 8.08 | 8.16 | 7.47 | 6.72 | 6.37 | 6.26 | 6.41 | 7.45 |
| 26 | 7.42 | 7.45 | 7.81 | 8.01 | 8.08 | 8.16 | 7.51 | 6.70 | 6.35 | 6.29 | 6.43 | 7.49 |
| 27 | 7.45 | 7.43 | 7.83 | 8.01 | 8.08 | 8.17 | 7.54 | 6.65 | 6.30 | 6.30 | 6.46 | 7.53 |
| 28 | 7.48 | 7.43 | 7.83 | 8.01 | 8.08 | 8.17 | 7.57 | 6.63 | 6.28 | 6.33 | 6.50 | 7.57 |
| 29 | 7.52 | 7.44 | 7.84 | 8.02 | 8.09 | 8.18 | 7.60 | 6.62 | 6.25 | 6.33 | 6.52 | 7.61 |
| 30 | 7.54 | 7.44 | 7.85 | 8.03 | --- | 8.18 | 7.63 | 6.61 | 6.22 | 6.32 | 6.53 | 7.64 |
| 31 | 7.58 | --- | 7.86 | 8.03 | --- | 8.19 | --- | 6.58 | --- | 6.33 | 6.56 | --- |
| MEAN | 7.05 | 7.68 | 7.67 | 7.95 | 8.08 | 8.13 | 7.80 | 6.98 | 6.42 | 6.29 | 6.42 | 7.09 |
| MIN | 7.58 | 7.94 | 7.86 | 8.03 | 8.11 | 8.19 | 8.22 | 7.66 | 6.57 | 6.36 | 6.56 | 7.64 |
| MAX | 6.71 | 7.43 | 7.45 | 7.87 | 8.04 | 8.07 | 7.44 | 6.58 | 6.22 | 6.20 | 6.25 | 6.56 |

GROUND-WATER LEVEL DATA

YUKON ALASKA—Continued

FAIRBANKS NORTH STAR BOROUGH—Continued

644403147112901. Local number, FD00200317CDDD1005.

LOCATION.--Lat 64°44'03", Long 147°11'29", in SE¹/₄ SE¹/₄ SW¹/₄ sec. 17, T.2 S., R.3 E., (Fairbanks C-1 NE quad), Fairbanks Meridian, Hydrologic Unit 19040506. Well located approximately 2.2 mi east of gate at gravel road from U.S. Army Corps of Engineers office, then just beyond powerlines north of gravel road, North Pole.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Chena Alluvium of Quaternary age.

WELL CHARACTERISTICS.--Diameter 2-in. pvc casing, depth 20.0 ft, screen opening from 14.9 to 19.9 ft.

INSTRUMENTATION.--Intermittent measurements by USGS personnel July 2001 to current year; submersible pressure transducer/electronic data logger from October 5, 2001 to current year.

DATUM.--Elevation of land-surface datum is 503.44 ft above NGVD of 1929 (revised; levels by US Army Corps of Engineers, adjusted to 1992 survey of benchmarks by U.S. Coast and Geodetic Survey). Measuring point: top of inner casing 2.57 ft above land surface datum.

REMARKS.--Observation well drilled September 7, 1994 by the U.S. Army Corps of Engineers and designated as USAP-2.

PERIOD OF RECORD.--July 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.80 ft below land-surface datum, September 13, 2003; lowest, 11.08 ft below land-surface datum, May 1, 2 and 17, 2002.

EXTREMES FOR CURRENT YEAR.--Highest water level measured, 1.88 ft below land-surface datum, October 3; lowest, 9.03 ft below land-surface datum, April 28.

DEPTH BELOW LAND SURFACE (WATER LEVEL in 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 | 2.06 | 3.34 | 5.02 | 6.75 | 7.43 | 8.11 | 8.53 | 8.59 | 6.98 | 6.01 | 7.40 | 8.42 |
| 2 | 1.97 | 3.42 | 4.93 | 6.87 | 7.48 | 7.84 | 8.24 | 8.66 | 7.01 | 6.06 | 7.32 | 8.36 |
| 3 | 1.88 | 3.35 | 5.26 | 6.82 | 7.50 | 7.86 | 8.37 | 8.66 | 7.00 | 6.18 | 7.28 | 8.40 |
| 4 | 2.16 | 3.39 | 5.28 | 6.77 | 7.51 | 7.92 | 8.52 | 8.52 | 6.74 | 6.22 | 7.36 | 8.46 |
| 5 | 2.02 | 3.39 | 5.27 | 6.65 | 7.44 | 7.98 | 8.62 | 8.42 | 6.74 | 6.29 | 7.48 | 8.48 |
| 6 | 2.05 | 3.33 | 5.37 | 6.51 | 7.60 | 8.03 | 8.58 | 8.33 | 6.81 | 6.46 | 7.61 | 8.47 |
| 7 | 2.12 | 3.24 | 5.37 | 6.27 | 7.69 | 8.04 | 8.61 | 8.33 | 6.62 | 6.55 | 7.75 | 8.45 |
| 8 | 2.24 | 2.96 | 5.59 | 6.25 | 7.47 | 8.14 | 8.70 | 8.21 | 6.65 | 6.68 | 7.83 | 8.44 |
| 9 | 2.24 | 3.19 | 5.50 | 6.46 | 7.71 | 7.98 | 8.64 | 8.38 | 6.45 | 6.65 | 7.86 | 8.42 |
| 10 | 2.31 | 3.25 | 5.41 | 6.51 | 7.43 | 8.05 | 8.76 | 8.33 | 6.25 | 6.72 | 7.84 | 8.42 |
| 11 | 2.38 | 3.17 | 5.35 | 7.03 | 7.63 | 8.26 | 8.74 | 8.25 | 6.27 | 6.85 | 7.87 | 8.44 |
| 12 | 2.37 | 3.11 | 5.40 | 6.91 | 7.80 | 8.26 | 8.61 | 8.12 | 6.15 | 6.96 | 7.94 | 8.50 |
| 13 | 2.38 | 3.61 | 5.60 | 6.91 | 7.64 | 8.18 | 8.67 | 7.89 | 6.17 | 7.01 | 7.96 | 8.53 |
| 14 | 2.35 | 3.73 | 5.61 | 6.85 | 7.68 | 8.10 | 8.79 | 7.86 | 6.22 | 7.10 | 8.05 | 8.50 |
| 15 | 2.35 | 3.87 | 5.53 | 6.91 | 7.89 | 8.17 | 8.59 | 7.80 | 6.16 | 7.22 | 8.03 | 8.47 |
| 16 | 2.36 | 4.02 | 5.58 | 6.98 | 7.76 | 8.34 | 8.57 | 7.80 | 6.06 | 7.23 | 8.07 | 8.49 |
| 17 | 2.45 | 4.21 | 6.01 | 6.93 | 7.73 | 8.37 | 8.56 | 7.92 | 6.10 | 7.30 | 8.11 | 8.47 |
| 18 | 2.67 | 4.38 | 5.78 | 6.99 | 7.73 | 8.35 | 8.59 | 8.06 | 6.03 | 7.35 | 8.11 | 8.42 |
| 19 | 2.71 | 4.48 | 5.56 | 6.99 | 7.70 | 8.54 | 8.78 | 7.98 | 5.83 | 7.37 | 8.12 | 8.35 |
| 20 | 2.95 | 4.46 | 5.82 | 6.92 | 7.73 | 8.44 | 8.81 | 7.81 | 5.78 | 7.47 | 8.17 | 8.35 |
| 21 | 2.96 | 4.40 | 5.67 | 7.05 | 7.70 | 8.25 | 8.72 | 7.52 | 5.73 | 7.53 | 8.18 | 8.36 |
| 22 | 2.90 | 4.40 | 5.63 | 7.15 | 7.81 | 8.21 | 8.55 | 7.42 | 5.74 | 7.54 | 8.16 | 8.27 |
| 23 | 2.92 | 4.22 | 6.27 | 7.41 | 7.90 | 8.14 | 8.62 | 7.25 | 5.78 | 7.43 | 8.21 | 8.30 |
| 24 | 3.06 | 4.21 | 6.35 | 7.39 | 7.97 | 8.29 | 8.79 | 6.99 | 5.86 | 7.35 | 8.25 | 8.30 |
| 25 | 3.03 | 4.56 | 6.36 | 7.35 | 7.97 | 8.39 | 8.81 | 7.02 | 5.94 | 7.43 | 8.29 | 8.29 |
| 26 | 3.30 | 4.93 | 6.55 | 7.23 | 7.92 | 8.39 | 8.77 | 7.24 | 5.98 | 7.46 | 8.31 | 8.12 |
| 27 | 3.47 | 4.30 | 6.36 | 7.17 | 7.98 | 8.43 | 8.71 | 7.14 | 5.96 | 7.52 | 8.35 | 8.36 |
| 28 | 3.54 | 4.33 | 6.08 | 7.23 | 8.10 | 8.29 | 8.82 | 7.16 | 6.03 | 7.57 | 8.40 | 8.40 |
| 29 | 3.41 | 4.75 | 5.89 | 7.33 | 8.14 | 8.45 | 8.72 | 7.20 | 5.97 | 7.70 | 8.40 | 8.33 |
| 30 | 3.39 | 4.73 | 6.18 | 7.38 | --- | 8.45 | 8.55 | 7.17 | 6.03 | 7.66 | 8.43 | 8.31 |
| 31 | 3.47 | --- | 6.69 | 7.40 | --- | 8.68 | --- | 7.08 | --- | 7.63 | 8.40 | --- |

YUKON ALASKA—Continued

FAIRBANKS NORTH STAR BOROUGH—Continued

644408147162001. Local number, FD00200214DDDA1003.

LOCATION.--Lat 64°44'08", Long 147°16'20", in SE¹/₄ SE¹/₄ SE¹/₄ sec. 14, T.2 S., R.2 E., (Fairbanks C-1 NW quad), Fairbanks Meridian, Hydrologic Unit 19040506. Well located 10 ft off shoulder of northeast corner of Anton Road and Seavy Road intersection, North Pole. Owner: U.S. Army Corps of Engineers.

AQUIFER.--Chena Alluvium of Quaternary age.

WELL CHARACTERISTICS.--Diameter 2-in. PVC casing, depth 15.2 ft, screen opening from 10.2 to 15.2 ft.

INSTRUMENTATION.--Intermittent measurements by USGS personnel July 2001 to current year; submersible pressure transducer/electronic data logger from October 5, 2001 to current year.

DATUM.--Elevation of land-surface datum is 501.44 ft above NGVD of 1929 (revised; levels by US Army Corps of Engineers, adjusted to 1992 survey of benchmarks by U.S. Coast and Geodetic Survey). Measuring point: top of inner casing 1.78 ft above land surface datum.

REMARKS.--Observation well drilled June 7, 1995 by the U.S. Army Corps of Engineers and designated as DSAP-10.

PERIOD OF RECORD.--July 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.69 ft below land-surface datum, September 8, 2003; lowest, 10.95 ft below land-surface datum, March 31, April 1-4, 6-7, 16, 18 and 22-23, 2002.

EXTREMES FOR CURRENT YEAR.--Highest water level measured, 9.11 ft below land-surface datum, October 1; lowest, 10.93 ft below land-surface datum, April 7-8.

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 | 9.11 | 9.78 | 10.09 | 10.40 | 10.65 | 10.79 | 10.90 | 10.31 | 9.65 | 9.49 | 9.58 | 9.73 |
| 2 | 9.14 | 9.80 | 10.08 | 10.41 | 10.66 | 10.79 | 10.90 | 10.32 | 9.64 | 9.49 | 9.57 | 9.73 |
| 3 | 9.15 | 9.82 | 10.10 | 10.43 | 10.67 | 10.79 | 10.90 | 10.32 | 9.62 | 9.49 | 9.55 | 9.73 |
| 4 | 9.17 | 9.84 | 10.10 | 10.44 | 10.68 | 10.79 | 10.91 | 10.33 | 9.60 | 9.48 | 9.56 | 9.75 |
| 5 | 9.19 | 9.86 | 10.11 | 10.44 | 10.68 | 10.80 | 10.91 | 10.32 | 9.59 | 9.48 | 9.57 | 9.77 |
| 6 | 9.19 | 9.88 | 10.12 | 10.45 | 10.70 | 10.80 | 10.92 | 10.30 | 9.58 | 9.49 | 9.58 | 9.79 |
| 7 | 9.20 | 9.91 | 10.13 | 10.46 | 10.70 | 10.80 | 10.92 | 10.26 | 9.57 | 9.49 | 9.60 | 9.81 |
| 8 | 9.22 | 9.92 | 10.14 | 10.46 | 10.70 | 10.80 | 10.91 | 10.23 | 9.56 | 9.50 | 9.62 | 9.83 |
| 9 | 9.24 | 9.95 | 10.15 | 10.47 | 10.72 | 10.81 | 10.90 | 10.18 | 9.55 | 9.49 | 9.63 | 9.85 |
| 10 | 9.26 | 9.97 | 10.16 | 10.48 | 10.72 | 10.81 | 10.87 | 10.14 | 9.53 | 9.50 | 9.64 | 9.87 |
| 11 | 9.29 | 10.00 | 10.16 | 10.49 | 10.73 | 10.82 | 10.82 | 10.10 | 9.51 | 9.51 | 9.65 | 9.89 |
| 12 | 9.30 | 10.01 | 10.17 | 10.50 | 10.73 | 10.82 | 10.75 | 10.06 | 9.50 | 9.53 | 9.66 | 9.91 |
| 13 | 9.33 | 10.04 | 10.19 | 10.51 | 10.74 | 10.83 | 10.70 | 10.01 | 9.49 | 9.54 | 9.65 | 9.94 |
| 14 | 9.34 | 10.06 | 10.20 | 10.52 | 10.74 | 10.83 | 10.66 | 9.97 | 9.50 | 9.56 | 9.67 | 9.96 |
| 15 | 9.35 | 10.08 | 10.21 | 10.52 | 10.75 | 10.84 | 10.63 | 9.94 | 9.50 | 9.57 | 9.67 | 9.98 |
| 16 | 9.37 | 10.10 | 10.22 | 10.54 | 10.75 | 10.84 | 10.59 | 9.92 | 9.50 | 9.57 | 9.67 | 10.00 |
| 17 | 9.38 | 10.12 | 10.23 | 10.54 | 10.75 | 10.84 | 10.55 | 9.90 | 9.50 | 9.58 | 9.67 | 10.02 |
| 18 | 9.41 | 10.13 | 10.24 | 10.55 | 10.76 | 10.85 | 10.51 | 9.87 | 9.51 | 9.59 | 9.67 | 10.03 |
| 19 | 9.43 | 10.13 | 10.25 | 10.56 | 10.76 | 10.85 | 10.48 | 9.85 | 9.51 | 9.59 | 9.66 | 10.05 |
| 20 | 9.46 | 10.13 | 10.26 | 10.56 | 10.76 | 10.86 | 10.45 | 9.83 | 9.51 | 9.59 | 9.66 | 10.07 |
| 21 | 9.48 | 10.13 | 10.27 | 10.57 | 10.76 | 10.86 | 10.41 | 9.80 | 9.52 | 9.59 | 9.66 | 10.09 |
| 22 | 9.51 | 10.13 | 10.28 | 10.58 | 10.76 | 10.86 | 10.38 | 9.79 | 9.52 | 9.59 | 9.66 | 10.11 |
| 23 | 9.53 | 10.10 | 10.30 | 10.60 | 10.77 | 10.87 | 10.35 | 9.78 | 9.52 | 9.57 | 9.66 | 10.13 |
| 24 | 9.56 | 10.10 | 10.31 | 10.60 | 10.77 | 10.87 | 10.33 | 9.76 | 9.53 | 9.56 | 9.66 | 10.15 |
| 25 | 9.58 | 10.10 | 10.32 | 10.61 | 10.78 | 10.87 | 10.32 | 9.75 | 9.53 | 9.56 | 9.67 | 10.17 |
| 26 | 9.62 | 10.10 | 10.34 | 10.62 | 10.78 | 10.87 | 10.31 | 9.74 | 9.53 | 9.56 | 9.67 | 10.19 |
| 27 | 9.65 | 10.07 | 10.35 | 10.62 | 10.78 | 10.88 | 10.30 | 9.72 | 9.53 | 9.56 | 9.68 | 10.21 |
| 28 | 9.68 | 10.07 | 10.36 | 10.63 | 10.78 | 10.88 | 10.31 | 9.71 | 9.52 | 9.57 | 9.70 | 10.24 |
| 29 | 9.71 | 10.08 | 10.36 | 10.64 | 10.79 | 10.88 | 10.30 | 9.69 | 9.51 | 9.59 | 9.71 | 10.26 |
| 30 | 9.73 | 10.08 | 10.37 | 10.64 | --- | 10.89 | 10.31 | 9.68 | 9.50 | 9.60 | 9.72 | 10.27 |
| 31 | 9.75 | --- | 10.39 | 10.65 | --- | 10.89 | --- | 9.66 | --- | 9.60 | 9.73 | --- |

GROUND-WATER LEVEL DATA

YUKON ALASKA—Continued

FAIRBANKS NORTH STAR BOROUGH—Continued

644423147124601. Local number, FD00200318DABC1006.

LOCATION.--Lat 64°44'23", Long 147°12'46", in NW¹/₄ NE¹/₄ SE¹/₄ sec. 18, T.2 S., R.3 E., (Fairbanks C-1 NE quad), Fairbanks Meridian, Hydrologic Unit 19040506. Well located in Chena River Recreation Area, North Pole. From recreation area entrance station well is approximately 0.8 mi. southeast on dirt road from levee followed by 0.4 mi northeast on intersecting dirt road.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Chena Alluvium of Quaternary age.

WELL CHARACTERISTICS.--Diameter 2-in. PVC casing, depth 20.0 ft, screen opening from 14.9 ft to 19.9 ft.

INSTRUMENTATION.--Intermittent measurements by USGS personnel July 2001 to current year; submersible pressure transducer/electronic data logger from October 5, 2001 to current year.

DATUM.--Elevation of land-surface datum is 501.54 ft above NGVD of 1929 (revised; levels by US Army Corps of Engineers, adjusted to 1992 survey of benchmarks by U.S. Coast and Geodetic Survey). Measuring point: top of inner casing 6.39 ft above land surface datum.

REMARKS.--Observation well drilled September 9, 1994 by the U.S. Army Corps of Engineers and designated as USAP-3.

PERIOD OF RECORD.--July 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.72 ft below land-surface datum, September 24, 2003; lowest, 11.37 ft below land-surface datum, April 22-28, 2002.

EXTREMES FOR CURRENT YEAR.--Highest water level measured, 7.78 ft below land-surface datum, October 1; lowest, 11.03 ft below land-surface datum, April 11-14.

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 | 7.78 | 8.42 | 9.08 | 9.72 | 10.22 | 10.62 | 10.93 | 10.42 | 9.94 | 9.57 | 9.73 | 9.93 |
| 2 | 7.78 | 8.43 | 9.10 | 9.74 | 10.23 | 10.63 | 10.93 | 10.42 | 9.93 | 9.57 | 9.74 | 9.94 |
| 3 | 7.78 | 8.45 | 9.13 | 9.76 | 10.25 | 10.64 | 10.94 | 10.42 | 9.91 | 9.57 | 9.74 | 9.95 |
| 4 | 7.81 | 8.47 | 9.15 | 9.78 | 10.26 | 10.65 | 10.95 | 10.42 | 9.89 | 9.57 | 9.75 | 9.97 |
| 5 | 7.83 | 8.49 | 9.17 | 9.80 | 10.28 | 10.66 | 10.96 | 10.42 | 9.88 | 9.56 | 9.75 | 9.98 |
| 6 | 7.83 | 8.51 | 9.19 | 9.81 | 10.29 | 10.67 | 10.97 | 10.41 | 9.87 | 9.57 | 9.76 | 9.98 |
| 7 | 7.85 | 8.53 | 9.21 | 9.81 | 10.31 | 10.68 | 10.98 | 10.36 | 9.86 | 9.57 | 9.76 | 9.99 |
| 8 | 7.88 | 8.53 | 9.24 | 9.82 | 10.32 | 10.70 | 10.99 | 10.31 | 9.85 | 9.57 | 9.77 | 9.99 |
| 9 | 7.91 | 8.56 | 9.26 | 9.84 | 10.34 | 10.71 | 10.99 | 10.25 | 9.83 | 9.56 | 9.78 | 10.00 |
| 10 | 7.94 | 8.58 | 9.28 | 9.86 | 10.35 | 10.71 | 11.00 | 10.23 | 9.80 | 9.56 | 9.79 | 10.00 |
| 11 | 7.99 | 8.61 | 9.29 | 9.89 | 10.37 | 10.73 | 11.01 | 10.20 | 9.79 | 9.57 | 9.79 | 10.00 |
| 12 | 8.01 | 8.61 | 9.31 | 9.90 | 10.39 | 10.74 | 11.02 | 10.18 | 9.78 | 9.57 | 9.80 | 10.01 |
| 13 | 8.04 | 8.65 | 9.33 | 9.92 | 10.40 | 10.75 | 11.02 | 10.16 | 9.76 | 9.57 | 9.80 | 10.03 |
| 14 | 8.06 | 8.67 | 9.35 | 9.94 | 10.41 | 10.75 | 11.00 | 10.15 | 9.75 | 9.58 | 9.82 | 10.03 |
| 15 | 8.06 | 8.70 | 9.37 | 9.95 | 10.43 | 10.76 | 10.98 | 10.15 | 9.73 | 9.59 | 9.83 | 10.04 |
| 16 | 8.06 | 8.73 | 9.39 | 9.97 | 10.44 | 10.78 | 10.94 | 10.14 | 9.72 | 9.59 | 9.83 | 10.05 |
| 17 | 8.07 | 8.75 | 9.42 | 9.98 | 10.45 | 10.79 | 10.89 | 10.14 | 9.71 | 9.60 | 9.84 | 10.06 |
| 18 | 8.10 | 8.78 | 9.44 | 9.99 | 10.46 | 10.81 | 10.82 | 10.13 | 9.70 | 9.60 | 9.85 | 10.07 |
| 19 | 8.12 | 8.80 | 9.45 | 10.02 | 10.47 | 10.82 | 10.72 | 10.12 | 9.68 | 9.61 | 9.85 | 10.08 |
| 20 | 8.16 | 8.84 | 9.47 | 10.03 | 10.49 | 10.83 | 10.65 | 10.10 | 9.67 | 9.62 | 9.86 | 10.08 |
| 21 | 8.18 | 8.85 | 9.49 | 10.05 | 10.50 | 10.84 | 10.58 | 10.09 | 9.65 | 9.64 | 9.87 | 10.09 |
| 22 | 8.20 | 8.87 | 9.50 | 10.07 | 10.51 | 10.84 | 10.53 | 10.07 | 9.63 | 9.65 | 9.87 | 10.09 |
| 23 | 8.20 | 8.90 | 9.53 | 10.09 | 10.53 | 10.85 | 10.48 | 10.06 | 9.63 | 9.66 | 9.87 | 10.11 |
| 24 | 8.23 | 8.91 | 9.56 | 10.11 | 10.54 | 10.86 | 10.45 | 10.04 | 9.62 | 9.67 | 9.88 | 10.12 |
| 25 | 8.24 | 8.94 | 9.57 | 10.12 | 10.56 | 10.87 | 10.44 | 10.03 | 9.61 | 9.67 | 9.89 | 10.13 |
| 26 | 8.27 | 8.97 | 9.60 | 10.14 | 10.57 | 10.87 | 10.43 | 10.02 | 9.60 | 9.68 | 9.90 | 10.13 |
| 27 | 8.30 | 8.99 | 9.62 | 10.14 | 10.58 | 10.89 | 10.42 | 10.00 | 9.60 | 9.68 | 9.90 | 10.15 |
| 28 | 8.34 | 9.00 | 9.63 | 10.16 | 10.60 | 10.89 | 10.43 | 9.99 | 9.59 | 9.68 | 9.91 | 10.17 |
| 29 | 8.37 | 9.03 | 9.64 | 10.17 | 10.61 | 10.90 | 10.42 | 9.98 | 9.58 | 9.70 | 9.92 | 10.18 |
| 30 | 8.38 | 9.06 | 9.66 | 10.18 | --- | 10.90 | 10.42 | 9.96 | 9.57 | 9.71 | 9.93 | 10.18 |
| 31 | 8.39 | --- | 9.69 | 10.20 | --- | 10.92 | --- | 9.95 | --- | 9.72 | 9.93 | --- |

YUKON ALASKA—Continued

FAIRBANKS NORTH STAR BOROUGH—Continued

644435147141901. Local number, FD00200213ADAD1007.

LOCATION.--Lat 64°44'35", Long 147°14'19", in NE¹/₄ SE¹/₄ NE¹/₄ sec. 13, T.2 S., R.2 E., (Fairbanks C-1 NE quad), Fairbanks Meridian, Hydrologic Unit 19040506. Well located south on Gordon Road from the intersection with Lyle Road, south of shoulder where road veers west, North Pole.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Chena Alluvium of Quaternary age.

WELL CHARACTERISTICS.--Diameter 2-in. PVC casing, depth 19.15 ft, screen opening from 14.2 to 18.7 ft.

INSTRUMENTATION.--Intermittent measurements by USGS personnel July 2001 to current year; submersible pressure transducer/electronic data logger from October 13, 2001 to current year.

DATUM.--Elevation of land-surface datum is 502.24 ft above NGVD of 1929 (revised; levels by U.S. Army Corps of Engineers, adjusted to 1992 survey of benchmarks by U.S. Coast and Geodetic Survey). Measuring point: top of inner casing 2.40 ft above land surface datum.

REMARKS.--Observation well drilled April 6, 1995 by the U.S. Army Corps of Engineers and designated as DSAP-8S.

PERIOD OF RECORD.--July 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.20 ft below land-surface datum, September 24, 2003; lowest, 13.05 ft below land-surface datum, April 24, 2002.

EXTREMES FOR CURRENT YEAR.--Highest water level measured, 10.35 ft below land-surface datum, October 1; lowest, 12.98 ft below land-surface datum, April 10-11.

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 | 10.35 | 11.02 | 11.61 | 12.08 | 12.46 | 12.74 | 12.93 | 12.42 | 11.79 | 11.57 | 11.77 | 11.97 |
| 2 | 10.37 | 11.04 | 11.62 | 12.10 | 12.48 | 12.74 | 12.92 | 12.41 | 11.78 | 11.57 | 11.78 | 11.98 |
| 3 | 10.37 | 11.06 | 11.64 | 12.12 | 12.49 | 12.75 | 12.93 | 12.40 | 11.77 | 11.57 | --- | 11.98 |
| 4 | 10.42 | 11.08 | 11.66 | 12.13 | 12.50 | 12.76 | 12.94 | 12.39 | 11.75 | 11.57 | 11.77 | 12.00 |
| 5 | 10.44 | 11.10 | 11.67 | 12.13 | 12.50 | 12.77 | 12.95 | 12.38 | 11.74 | 11.57 | 11.78 | 12.01 |
| 6 | 10.44 | 11.12 | 11.68 | 12.14 | 12.51 | 12.76 | 12.94 | 12.37 | 11.72 | 11.58 | 11.78 | 12.02 |
| 7 | 10.46 | 11.14 | 11.69 | 12.15 | 12.53 | 12.77 | 12.95 | 12.35 | 11.71 | 11.59 | 11.79 | 12.03 |
| 8 | 10.50 | 11.14 | 11.71 | 12.16 | 12.53 | 12.78 | 12.96 | 12.33 | 11.70 | 11.59 | 11.80 | 12.03 |
| 9 | 10.52 | 11.17 | 11.72 | 12.18 | 12.55 | 12.78 | 12.96 | 12.30 | 11.68 | 11.59 | 11.81 | 12.03 |
| 10 | 10.54 | 11.19 | 11.73 | 12.19 | 12.55 | 12.79 | 12.97 | 12.27 | 11.67 | 11.59 | 11.82 | 12.04 |
| 11 | 10.59 | 11.22 | 11.74 | 12.21 | 12.57 | 12.80 | 12.97 | 12.24 | 11.66 | 11.61 | 11.82 | 12.05 |
| 12 | 10.60 | 11.22 | 11.76 | 12.23 | 12.59 | 12.81 | 12.95 | 12.20 | 11.64 | 11.61 | 11.83 | 12.06 |
| 13 | 10.63 | 11.26 | 11.77 | 12.24 | 12.59 | 12.81 | 12.94 | 12.17 | 11.63 | 11.62 | 11.84 | 12.07 |
| 14 | 10.64 | 11.29 | 11.79 | 12.25 | 12.60 | 12.82 | 12.91 | 12.14 | 11.63 | 11.64 | 11.86 | 12.09 |
| 15 | 10.65 | 11.31 | 11.80 | 12.26 | 12.62 | 12.82 | 12.87 | 12.12 | 11.62 | 11.65 | 11.86 | 12.10 |
| 16 | 10.66 | 11.33 | 11.82 | 12.28 | 12.62 | 12.83 | 12.85 | 12.10 | 11.61 | 11.66 | 11.87 | 12.11 |
| 17 | 10.67 | 11.36 | 11.84 | 12.29 | 12.63 | 12.84 | 12.82 | 12.08 | 11.60 | 11.67 | 11.87 | 12.14 |
| 18 | 10.69 | 11.39 | 11.86 | 12.30 | 12.64 | 12.85 | 12.78 | 12.06 | 11.60 | 11.69 | 11.88 | 12.15 |
| 19 | 10.71 | 11.41 | 11.86 | 12.32 | 12.65 | 12.86 | 12.73 | 12.04 | 11.59 | 11.70 | 11.90 | 12.15 |
| 20 | 10.74 | 11.43 | 11.88 | 12.32 | 12.65 | 12.86 | 12.69 | 12.02 | 11.58 | 11.70 | 11.90 | 12.16 |
| 21 | 10.76 | 11.44 | 11.90 | 12.34 | 12.66 | 12.87 | 12.63 | 11.99 | 11.57 | 11.72 | 11.91 | 12.17 |
| 22 | 10.79 | 11.46 | 11.90 | 12.35 | 12.67 | 12.87 | 12.60 | 11.97 | 11.57 | 11.73 | 11.91 | 12.18 |
| 23 | 10.79 | 11.48 | 11.93 | 12.37 | 12.68 | 12.87 | 12.57 | 11.95 | 11.56 | 11.73 | 11.91 | 12.20 |
| 24 | 10.82 | 11.49 | 11.95 | 12.38 | 12.69 | 12.88 | 12.54 | 11.92 | 11.56 | 11.73 | 11.91 | 12.21 |
| 25 | 10.84 | 11.52 | 11.97 | 12.39 | 12.70 | 12.89 | 12.52 | 11.92 | 11.57 | 11.74 | 11.93 | 12.22 |
| 26 | 10.87 | 11.54 | 11.99 | 12.40 | 12.71 | 12.89 | 12.50 | 11.90 | 11.57 | 11.73 | 11.93 | 12.22 |
| 27 | 10.90 | 11.54 | 12.01 | 12.41 | 12.72 | 12.90 | 12.47 | 11.88 | 11.57 | 11.73 | 11.94 | 12.25 |
| 28 | 10.93 | 11.55 | 12.01 | 12.42 | 12.73 | 12.90 | 12.46 | 11.86 | 11.57 | 11.74 | 11.94 | 12.27 |
| 29 | 10.97 | 11.58 | 12.02 | 12.43 | 12.74 | 12.91 | 12.44 | 11.85 | 11.57 | 11.75 | 11.95 | 12.28 |
| 30 | 10.98 | 11.59 | 12.04 | 12.45 | --- | 12.91 | 12.43 | 11.83 | 11.57 | 11.76 | 11.97 | 12.29 |
| 31 | 11.00 | --- | 12.07 | 12.46 | --- | 12.93 | --- | 11.81 | --- | 11.77 | 11.97 | --- |

GROUND-WATER LEVEL DATA

YUKON ALASKA—Continued

FAIRBANKS NORTH STAR BOROUGH—Continued

644435147141902. Local number, FD00200213ADAD2007.

LOCATION.--Lat 64°44'35", Long 147°14'19", in NE¹/₄ SE¹/₄ NE¹/₄ sec. 13, T.2 S., R.2 E., (Fairbanks C-1 NE quad), Fairbanks Meridian, Hydrologic Unit 19040506. Well located 0.3 miles south on Gordon Road from the intersection with Lyle Road, south of shoulder where road veers west, North Pole.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Chena Alluvium of Quaternary age.

WELL CHARACTERISTICS.--Diameter 2-in. PVC casing, depth 64.39 ft, screen opening from 59.5 to 64.0 ft.

INSTRUMENTATION.--Intermittent measurements by USGS personnel July 2001 to current year; submersible pressure transducer/electronic data logger from October 13, 2001 to current year.

DATUM.--Elevation of land-surface datum is 502.54 ft above NGVD of 1929 (revised; levels by U.S. Army Corps of Engineers, adjusted to 1992 survey of benchmarks by U.S. Coast and Geodetic Survey). Measuring point: top of inner casing 2.17 ft above land surface datum.

REMARKS.--Observation well drilled April 6, 1995 by the U.S. Army Corps of Engineers and designated as DSAP-8D.

PERIOD OF RECORD.--July 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.52 ft below land-surface datum, September 24, 2003; lowest, 13.36 ft below land-surface datum, April 22-24, 2002.

EXTREMES FOR CURRENT YEAR.--Highest water level measured, 10.67 ft below land-surface datum, October 1; lowest, 13.34 ft below land-surface datum, April 8-11.

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 | 10.67 | 11.33 | 11.92 | 12.41 | 12.79 | 13.08 | 13.29 | 12.77 | 12.13 | 11.91 | 12.09 | 12.29 |
| 2 | 10.69 | 11.35 | 11.93 | 12.42 | 12.81 | 13.08 | 13.28 | 12.76 | 12.11 | 11.91 | 12.10 | 12.30 |
| 3 | 10.69 | 11.37 | 11.95 | 12.44 | 12.82 | 13.09 | 13.29 | 12.75 | 12.09 | 11.91 | 12.10 | 12.31 |
| 4 | 10.74 | 11.39 | 11.98 | 12.45 | 12.83 | 13.10 | 13.31 | 12.72 | 12.07 | 11.91 | 12.10 | 12.33 |
| 5 | 10.75 | 11.41 | 11.99 | 12.47 | 12.84 | 13.10 | 13.31 | 12.71 | 12.06 | 11.91 | 12.10 | 12.34 |
| 6 | 10.76 | 11.43 | 12.01 | 12.47 | 12.85 | 13.11 | 13.31 | 12.70 | 12.05 | 11.92 | 12.11 | 12.35 |
| 7 | 10.78 | 11.45 | 12.02 | 12.48 | 12.86 | 13.12 | 13.32 | 12.68 | 12.03 | 11.92 | 12.12 | 12.36 |
| 8 | 10.82 | 11.45 | 12.04 | 12.49 | 12.86 | 13.13 | 13.32 | 12.66 | 12.02 | 11.93 | 12.13 | 12.36 |
| 9 | 10.84 | 11.49 | 12.05 | 12.50 | 12.89 | 13.14 | 13.32 | 12.63 | 12.00 | 11.93 | 12.14 | 12.36 |
| 10 | 10.87 | 11.51 | 12.06 | 12.52 | 12.89 | 13.15 | 13.34 | 12.60 | 11.99 | 11.93 | 12.14 | 12.37 |
| 11 | 10.90 | 11.54 | 12.07 | 12.54 | 12.91 | 13.16 | 13.33 | 12.58 | 11.98 | 11.94 | 12.15 | 12.38 |
| 12 | 10.93 | 11.54 | 12.08 | 12.56 | 12.92 | 13.17 | 13.32 | 12.54 | 11.97 | 11.95 | 12.16 | 12.39 |
| 13 | 10.95 | 11.58 | 12.11 | 12.57 | 12.93 | 13.17 | 13.31 | 12.51 | 11.96 | 11.96 | 12.17 | 12.41 |
| 14 | 10.96 | 11.61 | 12.12 | 12.58 | 12.94 | 13.17 | 13.28 | 12.47 | 11.95 | 11.96 | 12.18 | 12.42 |
| 15 | 10.97 | 11.63 | 12.13 | 12.59 | 12.95 | 13.18 | 13.24 | 12.45 | 11.94 | 11.97 | 12.19 | 12.43 |
| 16 | 10.98 | 11.65 | 12.14 | 12.61 | 12.96 | 13.19 | 13.22 | 12.43 | 11.93 | 11.99 | 12.20 | 12.45 |
| 17 | 10.99 | 11.68 | 12.17 | 12.62 | 12.97 | 13.20 | 13.17 | 12.41 | 11.93 | 11.99 | 12.20 | 12.46 |
| 18 | 11.01 | 11.71 | 12.18 | 12.63 | 12.98 | 13.20 | 13.14 | 12.39 | 11.92 | 12.01 | 12.21 | 12.47 |
| 19 | 11.03 | 11.72 | 12.19 | 12.64 | 12.98 | 13.22 | 13.08 | 12.37 | 11.91 | 12.01 | 12.21 | 12.47 |
| 20 | 11.07 | 11.75 | 12.21 | 12.65 | 12.99 | 13.22 | 13.04 | 12.35 | 11.91 | 12.02 | 12.22 | 12.48 |
| 21 | 11.09 | 11.76 | 12.22 | 12.66 | 13.00 | 13.23 | 12.98 | 12.32 | 11.90 | 12.04 | 12.23 | 12.49 |
| 22 | 11.10 | 11.77 | 12.23 | 12.68 | 13.01 | 13.23 | 12.95 | 12.30 | 11.90 | 12.05 | 12.22 | 12.50 |
| 23 | 11.11 | 11.79 | 12.26 | 12.70 | 13.02 | 13.23 | 12.93 | 12.28 | 11.90 | 12.05 | 12.23 | 12.52 |
| 24 | 11.14 | 11.80 | 12.28 | 12.71 | 13.03 | 13.24 | 12.90 | 12.26 | 11.90 | 12.05 | 12.23 | 12.53 |
| 25 | 11.16 | 11.83 | 12.29 | 12.72 | 13.04 | 13.25 | 12.87 | 12.25 | 11.90 | 12.06 | 12.24 | 12.54 |
| 26 | 11.19 | 11.86 | 12.32 | 12.73 | 13.05 | 13.25 | 12.85 | 12.23 | 11.91 | 12.06 | 12.25 | 12.55 |
| 27 | 11.22 | 11.85 | 12.33 | 12.74 | 13.06 | 13.26 | 12.82 | 12.21 | 11.91 | 12.05 | 12.25 | 12.57 |
| 28 | 11.24 | 11.86 | 12.34 | 12.75 | 13.07 | 13.25 | 12.81 | 12.20 | 11.91 | 12.06 | 12.26 | 12.59 |
| 29 | 11.27 | 11.89 | 12.34 | 12.76 | 13.07 | 13.27 | 12.79 | 12.18 | 11.90 | 12.07 | 12.28 | 12.60 |
| 30 | 11.29 | 11.90 | 12.36 | 12.77 | --- | 13.27 | 12.77 | 12.17 | 11.91 | 12.09 | 12.28 | 12.61 |
| 31 | 11.31 | --- | 12.39 | 12.79 | --- | 13.28 | --- | 12.15 | --- | 12.09 | 12.29 | --- |

YUKON ALASKA—Continued

FAIRBANKS NORTH STAR BOROUGH—Continued

644435147172001. Local number, FD00200214ACBC1002.

LOCATION.--Lat 64°44'358", Long 147°17'208", in NW¹/₄ SW¹/₄ NE¹/₄ sec. 14, T.2 S., R.2 E., (Fairbanks C-1 NW quad), Fairbanks Meridian, Hydrologic Unit 19040506. Well located 25 ft off shoulder of southeast corner of Newby Road and Newby Park intersection, North Pole.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Chena Alluvium of Quaternary age.

WELL CHARACTERISTICS.--Diameter 2-in. PVC casing, depth 16.9 ft, screen opening from 11.9 to 16.4 ft.

INSTRUMENTATION.--Intermittent measurements by USGS personnel July 2001 to current year; submersible pressure transducer/electronic data logger from October 12, 2001 to current year.

DATUM.--Elevation of land-surface datum is 497.04 ft above NGVD of 1929 (revised; levels by U.S. Army Corps of Engineers, adjusted to 1992 survey of benchmarks by U.S. Coast and Geodetic Survey.). Measuring point: top of inner casing 2.57 ft above land surface datum.

REMARKS.--Observation well drilled April 8, 1995 by the U.S. Army Corps of Engineers and designated as DSAP-9.

PERIOD OF RECORD.--July 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.96 ft below land-surface datum, August 26, 2002; lowest, 8.88 ft below land-surface datum, April 6, 2004.

EXTREMES FOR CURRENT YEAR.--Highest water level measured, 7.60 ft below land-surface datum, June 11; lowest, 8.88 ft below land-surface datum, April 6.

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 | 7.73 | 8.23 | 8.38 | 8.54 | 8.69 | 8.80 | 8.86 | 8.47 | 7.79 | 7.87 | 7.88 | 7.84 |
| 2 | 7.75 | 8.24 | 8.37 | 8.55 | 8.70 | 8.79 | 8.85 | 8.48 | 7.76 | 7.86 | 7.86 | 7.82 |
| 3 | 7.75 | 8.26 | 8.37 | 8.55 | 8.71 | 8.79 | 8.86 | 8.49 | 7.72 | 7.86 | 7.85 | 7.82 |
| 4 | 7.77 | 8.27 | 8.38 | 8.56 | 8.71 | 8.79 | 8.86 | 8.49 | 7.70 | 7.85 | 7.83 | 7.92 |
| 5 | 7.78 | 8.29 | 8.38 | 8.56 | 8.72 | 8.79 | 8.87 | 8.48 | 7.68 | 7.85 | 7.80 | 7.97 |
| 6 | 7.79 | 8.30 | 8.38 | 8.56 | 8.72 | 8.79 | 8.87 | 8.45 | 7.67 | 7.85 | 7.78 | 8.00 |
| 7 | 7.81 | 8.32 | 8.38 | 8.56 | 8.73 | 8.79 | 8.86 | 8.39 | 7.71 | 7.85 | 7.77 | 8.02 |
| 8 | 7.82 | 8.33 | 8.39 | 8.56 | 8.73 | 8.80 | 8.84 | 8.36 | 7.68 | 7.86 | 7.77 | 8.09 |
| 9 | 7.83 | 8.35 | 8.39 | 8.57 | 8.75 | 8.80 | 8.83 | 8.32 | 7.64 | 7.85 | 7.91 | 8.12 |
| 10 | 7.84 | 8.36 | 8.40 | 8.57 | 8.74 | 8.80 | 8.79 | 8.29 | 7.61 | 7.86 | 7.87 | 8.14 |
| 11 | 7.86 | 8.39 | 8.41 | 8.59 | 8.75 | 8.81 | 8.74 | 8.27 | 7.60 | 7.87 | 7.84 | 8.15 |
| 12 | 7.88 | 8.39 | 8.42 | 8.59 | 8.76 | 8.81 | 8.67 | 8.24 | 7.72 | 7.89 | 7.83 | 8.17 |
| 13 | 7.89 | 8.41 | 8.43 | 8.60 | 8.77 | 8.82 | 8.62 | 8.20 | 7.80 | 7.90 | 7.82 | 8.20 |
| 14 | 7.90 | 8.43 | 8.44 | 8.61 | 8.77 | 8.82 | 8.60 | 8.17 | 7.81 | 7.90 | 7.83 | 8.21 |
| 15 | 7.91 | 8.44 | 8.44 | 8.61 | 8.78 | 8.82 | 8.58 | 8.15 | 7.83 | 7.92 | 7.82 | 8.22 |
| 16 | 7.92 | 8.45 | 8.45 | 8.61 | 8.78 | 8.82 | 8.55 | 8.13 | 7.84 | 7.92 | 7.82 | 8.24 |
| 17 | 7.93 | 8.46 | 8.46 | 8.62 | 8.78 | 8.82 | 8.52 | 8.12 | 7.84 | 7.93 | 7.81 | 8.25 |
| 18 | 7.95 | 8.46 | 8.46 | 8.62 | 8.78 | 8.82 | 8.49 | 8.10 | 7.85 | 7.93 | 7.80 | 8.29 |
| 19 | 7.97 | 8.46 | 8.46 | 8.62 | 8.77 | 8.83 | 8.47 | 8.08 | 7.85 | 7.92 | 7.80 | 8.32 |
| 20 | 7.99 | 8.45 | 8.46 | 8.63 | 8.78 | 8.83 | 8.47 | 8.07 | 7.86 | 7.93 | 7.79 | 8.33 |
| 21 | 8.01 | 8.44 | 8.47 | 8.63 | 8.77 | 8.83 | 8.47 | 8.05 | 7.87 | 7.93 | 7.79 | 8.34 |
| 22 | 8.03 | 8.44 | 8.47 | 8.64 | 8.78 | 8.83 | 8.47 | 8.03 | 7.87 | 7.93 | 7.87 | 8.36 |
| 23 | 8.05 | 8.43 | 8.48 | 8.65 | 8.78 | 8.83 | 8.47 | 8.02 | 7.87 | 7.90 | 7.87 | 8.38 |
| 24 | 8.07 | 8.41 | 8.49 | 8.66 | 8.78 | 8.84 | 8.47 | 8.00 | 7.88 | 7.90 | 7.86 | 8.39 |
| 25 | 8.09 | 8.41 | 8.50 | 8.66 | 8.79 | 8.84 | 8.47 | 7.99 | 7.90 | 7.90 | 7.86 | 8.41 |
| 26 | 8.11 | 8.40 | 8.51 | 8.67 | 8.78 | 8.84 | 8.47 | 7.98 | 7.91 | 7.88 | 7.85 | 8.43 |
| 27 | 8.14 | 8.38 | 8.51 | 8.67 | 8.78 | 8.84 | 8.46 | 7.96 | 7.91 | 7.87 | 7.85 | 8.44 |
| 28 | 8.15 | 8.37 | 8.51 | 8.67 | 8.79 | 8.84 | 8.47 | 7.93 | 7.90 | 7.90 | 7.85 | 8.46 |
| 29 | 8.18 | 8.38 | 8.51 | 8.68 | 8.79 | 8.85 | 8.46 | 7.89 | 7.90 | 7.92 | 7.84 | 8.48 |
| 30 | 8.19 | 8.37 | 8.52 | 8.68 | --- | 8.85 | 8.47 | 7.87 | 7.88 | 7.90 | 7.84 | 8.49 |
| 31 | 8.21 | --- | 8.53 | 8.69 | --- | 8.86 | --- | 7.83 | --- | 7.92 | 7.84 | --- |

YUKON ALASKA—Continued

FAIRBANKS NORTH STAR BOROUGH—Continued

644444147143901. Local number, FD00200213AACD1005.

LOCATION.--Lat 64° 44' 44", Long 147° 14' 39", in SW¼ NE¼ NE¼ sec. 13, T.2 S., R.2 E., (Fairbanks C-1 NE quad), Fairbanks Meridian, Hydrologic Unit 19040506. Well located approximately 0.2 mi south on Silver Street from the intersection with Lyle Road, then 15 ft south of road, North Pole.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Chena Alluvium of Quaternary age.

WELL CHARACTERISTICS.--Diameter 2-in. PVC casing, depth 17.15 ft, screen opening from 12.4 to 16.9 ft.

INSTRUMENTATION.--Intermittent measurements by USGS personnel July 2001 to current year; submersible pressure transducer/electronic data logger from October 13, 2001 to current year.

DATUM.--Elevation of land-surface datum is 500.34 ft above NGVD of 1929 (revised; levels by US Army Corps of Engineers, adjusted to 1992 survey of benchmarks by U.S. Coast and Geodetic Survey). Measuring point: top of inner casing 2.30 ft above land surface datum.

REMARKS.--Observation well drilled April 8, 1995 by the U.S. Army Corps of Engineers and designated as DSAP-7. Missing daily values February 11 March 14 and March 23 to April 5 due to ice in well.

PERIOD OF RECORD.--July 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.74 ft below land-surface datum, September 24, 2003; lowest, 11.49 ft below land-surface datum, April 10-11, 2004.

EXTREMES FOR CURRENT YEAR.--Highest water level measured, 8.89 ft below land-surface datum, October 1; lowest, 11.49 ft below land-surface datum, April 10-11.

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 | 8.89 | 9.55 | 10.13 | 10.60 | 10.96 | --- | --- | 10.92 | 10.26 | 10.09 | 10.31 | 10.49 |
| 2 | 8.91 | 9.57 | 10.14 | 10.61 | 10.98 | --- | --- | 10.91 | 10.25 | 10.09 | 10.31 | 10.50 |
| 3 | 8.92 | 9.59 | 10.16 | 10.63 | 10.99 | --- | --- | 10.90 | 10.24 | 10.09 | 10.29 | 10.50 |
| 4 | 8.95 | 9.61 | 10.17 | 10.64 | 11.00 | --- | --- | 10.89 | 10.22 | 10.10 | 10.29 | 10.52 |
| 5 | 8.97 | 9.63 | 10.18 | 10.65 | 11.01 | --- | --- | 10.88 | 10.21 | 10.10 | 10.29 | 10.53 |
| 6 | 8.98 | 9.65 | 10.20 | 10.66 | 11.02 | --- | --- | 10.87 | 10.20 | 10.11 | 10.30 | 10.54 |
| 7 | 9.00 | 9.67 | 10.21 | 10.67 | 11.03 | --- | 11.46 | 10.84 | 10.18 | 10.11 | 10.31 | 10.54 |
| 8 | 9.03 | 9.68 | 10.23 | 10.68 | 11.04 | --- | 11.47 | 10.80 | 10.17 | 10.12 | 10.32 | 10.55 |
| 9 | 9.05 | 9.70 | 10.24 | 10.69 | 11.06 | --- | 11.47 | 10.79 | 10.16 | 10.12 | 10.33 | 10.56 |
| 10 | 9.08 | 9.72 | 10.25 | 10.70 | 11.06 | --- | 11.48 | 10.76 | 10.14 | 10.12 | 10.34 | 10.56 |
| 11 | 9.12 | 9.75 | 10.26 | 10.72 | --- | --- | 11.48 | 10.73 | 10.13 | 10.14 | 10.34 | 10.57 |
| 12 | 9.14 | 9.76 | 10.28 | 10.74 | --- | --- | 11.45 | 10.68 | 10.12 | 10.14 | 10.35 | 10.58 |
| 13 | 9.16 | 9.79 | 10.29 | 10.75 | --- | --- | 11.44 | 10.65 | 10.11 | 10.15 | 10.36 | 10.59 |
| 14 | 9.18 | 9.82 | 10.31 | 10.76 | --- | --- | 11.41 | 10.62 | 10.10 | 10.17 | 10.37 | 10.61 |
| 15 | 9.18 | 9.84 | 10.32 | 10.77 | --- | 11.34 | 11.37 | 10.59 | 10.10 | 10.19 | 10.38 | 10.62 |
| 16 | 9.19 | 9.86 | 10.33 | 10.79 | --- | 11.34 | 11.35 | 10.58 | 10.09 | 10.20 | 10.39 | 10.63 |
| 17 | 9.20 | 9.89 | 10.35 | 10.80 | --- | 11.35 | 11.30 | 10.56 | 10.08 | 10.21 | 10.40 | 10.65 |
| 18 | 9.23 | 9.92 | 10.37 | 10.81 | --- | 11.36 | 11.26 | 10.54 | 10.08 | 10.23 | 10.40 | 10.67 |
| 19 | 9.24 | 9.93 | 10.38 | 10.82 | --- | 11.37 | 11.21 | 10.52 | 10.07 | 10.23 | 10.41 | 10.67 |
| 20 | 9.28 | 9.96 | 10.39 | 10.83 | --- | 11.37 | 11.18 | 10.49 | 10.07 | 10.24 | 10.42 | 10.68 |
| 21 | 9.30 | 9.97 | 10.41 | 10.84 | --- | 11.38 | 11.14 | 10.47 | 10.07 | 10.25 | 10.43 | 10.69 |
| 22 | 9.32 | 9.99 | 10.41 | 10.85 | --- | 11.39 | 11.10 | 10.44 | 10.06 | 10.27 | 10.43 | 10.70 |
| 23 | 9.33 | 10.01 | 10.44 | 10.87 | --- | --- | 11.07 | 10.43 | 10.06 | 10.27 | 10.43 | 10.71 |
| 24 | 9.36 | 10.02 | 10.46 | 10.89 | --- | --- | 11.04 | 10.40 | 10.07 | 10.27 | 10.44 | 10.73 |
| 25 | 9.37 | 10.04 | 10.48 | 10.90 | --- | --- | 11.02 | 10.38 | 10.08 | 10.27 | 10.45 | 10.74 |
| 26 | 9.40 | 10.06 | 10.51 | 10.91 | --- | --- | 11.00 | 10.36 | 10.08 | 10.27 | 10.45 | 10.74 |
| 27 | 9.43 | 10.06 | 10.52 | 10.91 | --- | --- | 10.98 | 10.34 | 10.09 | 10.27 | 10.46 | 10.77 |
| 28 | 9.46 | 10.07 | 10.53 | 10.92 | --- | --- | 10.97 | 10.32 | 10.09 | 10.27 | 10.47 | 10.78 |
| 29 | 9.49 | 10.10 | 10.53 | 10.93 | --- | --- | 10.95 | 10.31 | 10.09 | 10.29 | 10.48 | 10.80 |
| 30 | 9.51 | 10.11 | 10.55 | 10.95 | --- | --- | 10.93 | 10.29 | 10.09 | 10.30 | 10.48 | 10.80 |
| 31 | 9.53 | --- | 10.57 | 10.96 | --- | --- | --- | 10.27 | --- | 10.31 | 10.49 | --- |

YUKON ALASKA—Continued

FAIRBANKS NORTH STAR BOROUGH—Continued

644446147120901. Local number, FD00200317BBCA1001.

LOCATION.--Lat 64°44'46", Long 147°12'09", in SW¹/₄ NW¹/₄ NW¹/₄ sec. 17, T.2 S., R.3 E., (Fairbanks C-1 NE quad), Fairbanks Meridian, Hydrologic Unit 19040506. Well located in Chena River Recreation Area, North Pole. From recreation area entrance station well is approximately 0.8 mi southeast on dirt road from levee followed by 0.8 mi northeast on intersecting dirt road.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Chena Alluvium of Quaternary age.

WELL CHARACTERISTICS.--Diameter 2-in. PVC casing, depth 15.2 ft, screen opening from 10.1 ft. to 15.1 ft.

INSTRUMENTATION.--Intermittent measurements by USGS personnel July 2001 to current year; submersible pressure transducer/electronic data logger from October 05, 2001 to current year.

DATUM.--Elevation of land-surface datum is 497.64 ft above NGVD of 1929 (revised; levels by US Army Corps of Engineers, adjusted to 1992 survey of benchmarks by U.S. Coast and Geodetic Survey). Measuring point: top of inner casing 6.21 ft above land surface datum.

REMARKS.--Observation well drilled September 9, 1994 by the U.S. Army Corps of Engineers and designated as USAP-4.

PERIOD OF RECORD.--July 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.52 ft below land-surface datum, August 1, 2003; lowest, 11.81 ft below land-surface datum, April 27-28, 2002.

EXTREMES FOR CURRENT YEAR.--Highest water level measured, 3.92 ft below land-surface datum, October 3; lowest, 10.47 ft below land-surface datum, April 11-12.

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 | 3.94 | 5.50 | 6.92 | 8.19 | 9.03 | 9.72 | 10.30 | 9.71 | 8.20 | 8.07 | 8.77 | 9.27 |
| 2 | 3.95 | 5.54 | 6.95 | 8.23 | 9.05 | 9.73 | 10.30 | 9.70 | 8.19 | 8.09 | 8.78 | 9.29 |
| 3 | 3.92 | 5.59 | 7.02 | 8.27 | 9.08 | 9.73 | 10.31 | 9.70 | 8.15 | 8.12 | 8.79 | 9.30 |
| 4 | 4.04 | 5.65 | 7.06 | 8.30 | 9.11 | 9.76 | 10.33 | 9.67 | 8.11 | 8.15 | 8.79 | 9.33 |
| 5 | 4.04 | 5.68 | 7.10 | 8.32 | 9.13 | 9.77 | 10.35 | 9.66 | 8.09 | 8.16 | 8.80 | 9.35 |
| 6 | 4.06 | 5.72 | 7.14 | 8.34 | 9.16 | 9.79 | 10.37 | 9.64 | 8.07 | 8.19 | 8.82 | 9.36 |
| 7 | 4.10 | 5.77 | 7.18 | 8.35 | 9.19 | 9.81 | 10.38 | 9.62 | 8.04 | 8.22 | 8.84 | 9.37 |
| 8 | 4.16 | 5.77 | 7.24 | 8.36 | 9.20 | 9.84 | 10.40 | 9.55 | 8.02 | 8.26 | 8.86 | 9.38 |
| 9 | 4.20 | 5.83 | 7.28 | 8.40 | 9.25 | 9.86 | 10.42 | 9.47 | 7.98 | 8.27 | 8.87 | 9.40 |
| 10 | 4.26 | 5.88 | 7.32 | 8.42 | 9.26 | 9.88 | 10.44 | 9.38 | 7.94 | 8.28 | 8.88 | 9.41 |
| 11 | 4.34 | 5.92 | 7.35 | 8.49 | 9.28 | 9.90 | 10.46 | 9.30 | 7.91 | 8.30 | 8.90 | 9.42 |
| 12 | 4.37 | 5.92 | 7.39 | 8.51 | 9.31 | 9.93 | 10.46 | 9.20 | 7.86 | 8.33 | 8.92 | 9.44 |
| 13 | 4.43 | 6.01 | 7.43 | 8.54 | 9.34 | 9.95 | 10.45 | 9.12 | 7.84 | 8.35 | 8.94 | 9.45 |
| 14 | 4.46 | 6.05 | 7.47 | 8.56 | 9.35 | 9.96 | 10.41 | 9.04 | 7.82 | 8.37 | 8.96 | 9.47 |
| 15 | 4.48 | 6.10 | 7.50 | 8.59 | 9.39 | 9.97 | 10.34 | 8.97 | 7.80 | 8.40 | 8.98 | 9.50 |
| 16 | 4.51 | 6.15 | 7.54 | 8.62 | 9.41 | 10.00 | 10.29 | 8.91 | 7.78 | 8.42 | 9.00 | 9.51 |
| 17 | 4.54 | 6.21 | 7.60 | 8.64 | 9.43 | 10.02 | 10.22 | 8.86 | 7.77 | 8.45 | 9.01 | 9.53 |
| 18 | 4.62 | 6.28 | 7.65 | 8.66 | 9.44 | 10.04 | 10.17 | 8.81 | 7.77 | 8.47 | 9.03 | 9.54 |
| 19 | 4.67 | 6.34 | 7.66 | 8.70 | 9.46 | 10.07 | 10.10 | 8.76 | 7.77 | 8.49 | 9.04 | 9.55 |
| 20 | 4.77 | 6.41 | 7.71 | 8.71 | 9.49 | 10.09 | 10.06 | 8.70 | 7.77 | 8.52 | 9.05 | 9.55 |
| 21 | 4.83 | 6.43 | 7.75 | 8.75 | 9.51 | 10.10 | 9.97 | 8.65 | 7.78 | 8.55 | 9.08 | 9.56 |
| 22 | 4.88 | 6.48 | 7.76 | 8.78 | 9.53 | 10.11 | 9.92 | 8.60 | 7.78 | 8.58 | 9.09 | 9.58 |
| 23 | 4.92 | 6.53 | 7.83 | 8.82 | 9.56 | 10.12 | 9.88 | 8.56 | 7.80 | 8.60 | 9.10 | 9.59 |
| 24 | 5.01 | 6.56 | 7.88 | 8.85 | 9.58 | 10.14 | 9.84 | 8.50 | 7.85 | 8.62 | 9.12 | 9.62 |
| 25 | 5.03 | 6.64 | 7.92 | 8.88 | 9.60 | 10.16 | 9.81 | 8.47 | 7.89 | 8.63 | 9.15 | 9.62 |
| 26 | 5.12 | 6.70 | 7.98 | 8.90 | 9.63 | 10.17 | 9.79 | 8.43 | 7.94 | 8.65 | 9.16 | 9.61 |
| 27 | 5.20 | 6.71 | 8.01 | 8.91 | 9.64 | 10.19 | 9.75 | 8.38 | 7.97 | 8.66 | 9.18 | 9.65 |
| 28 | 5.28 | 6.74 | 8.03 | 8.93 | 9.68 | 10.21 | 9.74 | 8.35 | 8.00 | 8.67 | 9.21 | 9.67 |
| 29 | 5.36 | 6.82 | 8.03 | 8.96 | 9.70 | 10.23 | 9.74 | 8.32 | 8.03 | 8.70 | 9.22 | 9.68 |
| 30 | 5.38 | 6.87 | 8.08 | 8.98 | --- | 10.25 | 9.72 | 8.27 | 8.05 | 8.73 | 9.24 | 9.68 |
| 31 | 5.44 | --- | 8.14 | 9.01 | --- | 10.27 | --- | 8.23 | --- | 8.75 | 9.27 | --- |

YUKON ALASKA—Continued

FAIRBANKS NORTH STAR BOROUGH—Continued

644450147131201. Local number, FD00200318ABBD1005.

LOCATION.--Lat 64°44'50", Long 147°13'12", in NW¹/₄ NW¹/₄ NE¹/₄ sec. 18, T.2 S., R.3 E., (Fairbanks C-1 NE quad), Fairbanks Meridian, Hydrologic Unit 19040506. Well located in Chena River Recreation Area, North Pole. From recreation area entrance station well is approximately 0.3 mi southeast on dirt road from levee.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Chena Alluvium of Quaternary age.

WELL CHARACTERISTICS.--Diameter 2-in. pvc casing, depth 24.8 ft, screen opening from 19.7 to 24.7 ft.

INSTRUMENTATION.--Intermittent measurements by USGS personnel July 2001 to current year; Submersible pressure transducer/electronic data logger from October 13, 2001 to current year.

DATUM.--Elevation of land-surface datum is 502.44 ft above NGVD of 1929 (revised; levels by US Army Corps of Engineers, adjusted to 1992 survey of benchmarks by U.S. Coast and Geodetic Survey). Measuring point: top of inner casing 5.38 ft above land surface datum.

REMARKS.--Observation well drilled September 9, 1994 by the U.S. Army Corps of Engineers and designated as USAP-5.

PERIOD OF RECORD.--July 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.13 ft below land-surface datum, September 24, 2003; lowest, 14.81 ft below land-surface datum, April 15-19 and 21-28, 2002.

EXTREMES FOR CURRENT YEAR.--Highest water level measured, 11.27 ft below land-surface datum, October 1; lowest, 14.50 ft below land-surface datum, April 13-14.

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 | 11.27 | 11.97 | 12.66 | 13.28 | 13.77 | 14.14 | 14.40 | 13.94 | 13.28 | 12.96 | 13.24 | 13.48 |
| 2 | 11.29 | 11.99 | 12.67 | 13.30 | 13.79 | 14.13 | 14.38 | 13.93 | 13.27 | 12.96 | 13.25 | 13.49 |
| 3 | 11.28 | 12.02 | 12.70 | 13.33 | 13.79 | 14.15 | 14.41 | 13.92 | 13.25 | 12.97 | 13.26 | 13.50 |
| 4 | 11.34 | 12.04 | 12.73 | 13.34 | 13.81 | 14.16 | 14.43 | 13.90 | 13.23 | 12.97 | 13.26 | 13.51 |
| 5 | 11.35 | 12.06 | 12.74 | 13.35 | 13.81 | 14.17 | 14.43 | 13.89 | 13.22 | 12.97 | 13.27 | 13.52 |
| 6 | 11.36 | 12.08 | 12.76 | 13.36 | 13.84 | 14.17 | 14.44 | 13.86 | 13.20 | 12.99 | 13.27 | 13.52 |
| 7 | 11.39 | 12.10 | 12.78 | 13.37 | 13.84 | 14.18 | 14.44 | 13.85 | 13.18 | 13.00 | 13.28 | 13.53 |
| 8 | 11.43 | 12.10 | 12.81 | 13.38 | 13.84 | 14.19 | 14.46 | 13.80 | 13.17 | 13.01 | 13.29 | 13.54 |
| 9 | 11.45 | 12.14 | 12.82 | 13.40 | 13.88 | 14.19 | 14.45 | 13.78 | 13.15 | 13.00 | 13.30 | 13.54 |
| 10 | 11.48 | 12.16 | 12.84 | 13.41 | 13.86 | 14.22 | 14.47 | 13.76 | 13.13 | 13.01 | 13.30 | 13.55 |
| 11 | 11.53 | 12.19 | 12.85 | 13.45 | 13.91 | 14.23 | 14.47 | 13.73 | 13.12 | 13.02 | 13.31 | 13.56 |
| 12 | 11.54 | 12.19 | 12.87 | 13.46 | 13.92 | 14.23 | 14.47 | 13.70 | 13.10 | 13.03 | 13.33 | 13.57 |
| 13 | 11.56 | 12.23 | 12.90 | 13.47 | 13.92 | 14.24 | 14.48 | 13.67 | 13.09 | 13.04 | 13.34 | 13.58 |
| 14 | 11.58 | 12.25 | 12.92 | 13.49 | 13.94 | 14.25 | 14.48 | 13.65 | 13.08 | 13.05 | 13.35 | 13.59 |
| 15 | 11.58 | 12.28 | 12.94 | 13.51 | 13.96 | 14.26 | 14.45 | 13.64 | 13.06 | 13.07 | 13.36 | 13.60 |
| 16 | 11.59 | 12.30 | 12.96 | 13.52 | 13.97 | 14.28 | 14.44 | 13.62 | 13.04 | 13.08 | 13.37 | 13.62 |
| 17 | 11.60 | 12.33 | 12.98 | 13.53 | 13.98 | 14.29 | 14.39 | 13.61 | 13.04 | 13.09 | 13.37 | 13.63 |
| 18 | 11.63 | 12.37 | 13.01 | 13.55 | 13.99 | 14.29 | 14.36 | 13.58 | 13.02 | 13.10 | 13.38 | 13.63 |
| 19 | 11.65 | 12.38 | 13.01 | 13.57 | 14.00 | 14.30 | 14.29 | 13.56 | 13.01 | 13.11 | 13.38 | 13.64 |
| 20 | 11.68 | 12.42 | 13.04 | 13.57 | 14.01 | 14.31 | 14.23 | 13.53 | 13.00 | 13.13 | 13.39 | 13.64 |
| 21 | 11.71 | 12.43 | 13.06 | 13.60 | 14.02 | 14.31 | 14.15 | 13.50 | 12.98 | 13.14 | 13.40 | 13.65 |
| 22 | 11.73 | 12.45 | 13.06 | 13.62 | 14.04 | 14.32 | 14.11 | 13.48 | 12.96 | 13.16 | 13.40 | 13.66 |
| 23 | 11.73 | 12.47 | 13.10 | 13.64 | 14.05 | 14.32 | 14.11 | 13.46 | 12.96 | 13.17 | 13.40 | 13.67 |
| 24 | 11.77 | 12.49 | 13.12 | 13.65 | 14.07 | 14.33 | 14.07 | 13.43 | 12.95 | 13.18 | 13.41 | 13.68 |
| 25 | 11.78 | 12.53 | 13.14 | 13.66 | 14.08 | 14.34 | 14.05 | 13.41 | 12.95 | 13.18 | 13.42 | 13.69 |
| 26 | 11.81 | 12.56 | 13.17 | 13.67 | 14.08 | 14.35 | 14.02 | 13.40 | 12.95 | 13.18 | 13.43 | 13.69 |
| 27 | 11.85 | 12.56 | 13.18 | 13.69 | 14.10 | 14.36 | 13.98 | 13.37 | 12.95 | 13.19 | 13.44 | 13.71 |
| 28 | 11.88 | 12.58 | 13.19 | 13.71 | 14.12 | 14.35 | 13.97 | 13.36 | 12.96 | 13.19 | 13.45 | 13.72 |
| 29 | 11.91 | 12.61 | 13.20 | 13.73 | 14.12 | 14.38 | 13.96 | 13.34 | 12.95 | 13.21 | 13.46 | 13.73 |
| 30 | 11.92 | 12.63 | 13.23 | 13.73 | --- | 14.38 | 13.94 | 13.32 | 12.95 | 13.22 | 13.47 | 13.74 |
| 31 | 11.94 | --- | 13.25 | 13.75 | --- | 14.40 | --- | 13.30 | --- | 13.23 | 13.48 | --- |

YUKON ALASKA—Continued

FAIRBANKS NORTH STAR BOROUGH—Continued

64454147151701. Local number, FD00200213ABBB1006.

LOCATION.--Lat 64°44'54", Long 147°15'17", in NW¹/₄ NW¹/₄ NE¹/₄ sec. 13, T.2 S., R.2 E., (Fairbanks C-1 NW quad), Fairbanks Meridian, Hydrologic Unit 19040506. Well located approximately 30 ft southeast of intersection of Nelson Rd and Lyle Rd, North Pole.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Chena Alluvium of Quaternary age.

WELL CHARACTERISTICS.--Diameter 2-in. PVC casing, depth 17.9 ft, screen openings from 12.6 to 17.6 ft.

INSTRUMENTATION.--Intermittent measurements by USGS personnel July 2001 to current year; submersible pressure transducer/electronic datalogger from October 12, 2001 to current year.

DATUM.--Elevation of land-surface datum is 497.94 ft above NGVD of 1929 (revised; levels by U.S. Army Corps of Engineers, adjusted to 1992 survey of benchmarks by U.S. Coast and Geodetic Survey). Measuring point: top of inner casing 2.77 ft above land surface datum.

REMARKS.--Observation well drilled April 8, 1995 by the U.S. Army Corps of Engineers and designated as DSAP-6.

PERIOD OF RECORD.--July 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.53 ft below land-surface datum, September 18-19, 2003; lowest, 10.13 ft below land-surface datum, April 22-24, 2002 and April 7-11, 2004.

EXTREMES FOR CURRENT YEAR.--Highest water level measured, 7.71 ft below land-surface datum, October 1; lowest, 10.13 ft below land-surface datum, April 7-11.

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 | 7.71 | 8.33 | 8.88 | 9.32 | 9.70 | 9.95 | 10.10 | 9.54 | 8.84 | 8.71 | 8.90 | 9.10 |
| 2 | 7.73 | 8.35 | 8.89 | 9.34 | 9.71 | 9.96 | 10.09 | 9.53 | 8.83 | 8.71 | 8.90 | 9.10 |
| 3 | 7.73 | 8.37 | 8.91 | 9.36 | 9.72 | 9.96 | 10.10 | 9.53 | 8.81 | 8.72 | 8.89 | 9.10 |
| 4 | 7.77 | 8.39 | 8.92 | 9.37 | 9.73 | 9.96 | 10.10 | 9.52 | 8.79 | 8.72 | 8.89 | 9.12 |
| 5 | 7.78 | 8.41 | 8.93 | 9.38 | 9.74 | 9.97 | 10.11 | 9.50 | 8.78 | 8.72 | 8.90 | 9.12 |
| 6 | 7.79 | 8.43 | 8.94 | 9.39 | 9.75 | 9.97 | 10.12 | 9.48 | 8.77 | 8.73 | 8.91 | 9.14 |
| 7 | 7.81 | 8.45 | 8.95 | 9.40 | 9.77 | 9.98 | 10.12 | 9.44 | 8.75 | 8.74 | 8.92 | 9.15 |
| 8 | 7.84 | 8.45 | 8.97 | 9.41 | 9.77 | 9.98 | 10.13 | 9.41 | 8.75 | 8.75 | 8.93 | 9.15 |
| 9 | 7.86 | 8.48 | 8.98 | 9.42 | 9.79 | 9.99 | 10.13 | 9.38 | 8.73 | 8.76 | 8.94 | 9.16 |
| 10 | 7.88 | 8.50 | 9.00 | 9.43 | 9.80 | 10.00 | 10.13 | 9.34 | 8.71 | 8.76 | 8.95 | 9.16 |
| 11 | 7.92 | 8.53 | 9.01 | 9.46 | 9.81 | 9.99 | 10.11 | 9.31 | 8.70 | 8.77 | 8.95 | 9.17 |
| 12 | 7.94 | 8.54 | 9.02 | 9.47 | 9.82 | 10.00 | 10.08 | 9.28 | 8.69 | 8.79 | 8.96 | 9.18 |
| 13 | 7.96 | 8.57 | 9.03 | 9.48 | 9.83 | 10.01 | 10.05 | 9.25 | 8.68 | 8.80 | 8.97 | 9.20 |
| 14 | 7.97 | 8.59 | 9.05 | 9.49 | 9.84 | 10.01 | 10.02 | 9.23 | 8.68 | 8.80 | 8.98 | 9.21 |
| 15 | 7.98 | 8.61 | 9.06 | 9.50 | 9.85 | 10.01 | 9.98 | 9.20 | 8.68 | 8.81 | 8.99 | 9.22 |
| 16 | 7.99 | 8.63 | 9.08 | 9.51 | 9.86 | 10.02 | 9.95 | 9.18 | 8.67 | 8.83 | 9.00 | 9.23 |
| 17 | 8.00 | 8.65 | 9.10 | 9.52 | 9.86 | 10.03 | 9.91 | 9.16 | 8.66 | 8.84 | 9.00 | 9.26 |
| 18 | 8.03 | 8.68 | 9.11 | 9.53 | 9.87 | 10.03 | 9.86 | 9.14 | 8.66 | 8.85 | 9.01 | 9.27 |
| 19 | 8.04 | 8.70 | 9.12 | 9.55 | 9.87 | 10.04 | 9.81 | 9.13 | 8.66 | 8.86 | 9.02 | 9.28 |
| 20 | 8.08 | 8.72 | 9.14 | 9.56 | 9.88 | 10.05 | 9.78 | 9.10 | 8.66 | 8.87 | 9.03 | 9.28 |
| 21 | 8.10 | 8.73 | 9.15 | 9.57 | 9.88 | 10.05 | 9.73 | 9.07 | 8.66 | 8.88 | 9.03 | 9.29 |
| 22 | 8.12 | 8.75 | 9.16 | 9.59 | 9.89 | 10.05 | 9.70 | 9.05 | 8.66 | 8.89 | 9.03 | 9.30 |
| 23 | 8.13 | 8.77 | 9.18 | 9.61 | 9.90 | 10.06 | 9.67 | 9.03 | 8.67 | 8.88 | 9.04 | 9.31 |
| 24 | 8.16 | 8.77 | 9.20 | 9.62 | 9.91 | 10.06 | 9.65 | 9.01 | 8.68 | 8.88 | 9.05 | 9.33 |
| 25 | 8.18 | 8.80 | 9.21 | 9.63 | 9.91 | 10.07 | 9.63 | 8.98 | 8.70 | 8.88 | 9.06 | 9.34 |
| 26 | 8.21 | 8.82 | 9.23 | 9.64 | 9.92 | 10.07 | 9.61 | 8.96 | 8.71 | 8.88 | 9.06 | 9.35 |
| 27 | 8.23 | 8.82 | 9.25 | 9.65 | 9.93 | 10.08 | 9.59 | 8.93 | 8.71 | 8.88 | 9.07 | 9.37 |
| 28 | 8.25 | 8.83 | 9.26 | 9.66 | 9.94 | 10.08 | 9.58 | 8.91 | 8.72 | 8.88 | 9.08 | 9.38 |
| 29 | 8.28 | 8.85 | 9.26 | 9.67 | 9.94 | 10.09 | 9.56 | 8.89 | 8.72 | 8.89 | 9.09 | 9.40 |
| 30 | 8.29 | 8.86 | 9.28 | 9.68 | --- | 10.09 | 9.55 | 8.87 | 8.71 | 8.91 | 9.09 | 9.41 |
| 31 | 8.31 | --- | 9.31 | 9.69 | --- | 10.09 | --- | 8.85 | --- | 8.91 | 9.10 | --- |

GROUND-WATER LEVEL DATA

YUKON ALASKA—Continued

FAIRBANKS NORTH STAR BOROUGH—Continued

644528147131201. Local number, FD00200307ACBD1001 51660.

LOCATION.--Lat 64°45'28", long 147°13'12", NW¹/₄ SW¹/₄ NE¹/₄, sec. 7, T.2 S., R.3 E., (Fairbanks D-1), Fairbanks Meridian, Hydrologic Unit 19040506, inside Corps of Engineers Chena Lakes Project fenced compound, 120 ft west of headquarters building and 2 mi northeast of the intersection of Laurence and Nelson Roads. Owner: U.S. Army Corps of Engineers.

AQUIFER.--Chena Alluvium of Quaternary age.

WELL CHARACTERISTICS.--Diameter 4-in., depth 31 ft, screened from 28.5 to 31 ft.

INSTRUMENTATION.--Continuous strip-chart recorder from June 1976 to May 1980. Digital recorder--1-hour punch interval, from October 1985 to April 1995. Electronic data logger from April 1995 to present.

DATUM.--Elevation of land-surface datum is 494.7 ft above sea level (determined by levels survey). Measuring point: top of casing 2.91 ft above land-surface datum.

REMARKS.--Observation well drilled by the U.S. Army Corps of Engineers, designated as P-252. Water levels from water years 1986 through 1990 were not previously published and are available from NWIS.

PERIOD OF RECORD.--June 1976 to May 1980 and October 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.85 ft below land-surface datum, June 8-9, 1992; lowest, 13.20 ft below land-surface datum September 15, 1976.

EXTREMES FOR CURRENT YEAR.--Highest water level measured, 7.35 ft below land-surface datum, October 1; lowest, 10.84 ft below land-surface datum, April 10-14.

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 | 7.35 | 8.19 | 8.93 | 9.58 | 10.09 | 10.47 | 10.76 | 10.33 | 9.39 | 9.26 | 9.75 | 10.03 |
| 2 | 7.38 | 8.21 | 8.95 | 9.60 | 10.11 | 10.48 | 10.77 | 10.31 | 9.37 | 9.28 | 9.75 | 10.05 |
| 3 | 7.40 | 8.24 | 8.97 | 9.63 | 10.12 | 10.49 | 10.77 | 10.29 | 9.36 | 9.29 | 9.76 | 10.05 |
| 4 | 7.42 | 8.26 | 9.00 | 9.65 | 10.14 | 10.50 | 10.78 | 10.27 | 9.34 | 9.31 | 9.76 | 10.07 |
| 5 | 7.45 | 8.28 | 9.02 | 9.67 | 10.15 | 10.51 | 10.79 | 10.26 | 9.32 | 9.32 | 9.77 | 10.08 |
| 6 | 7.47 | 8.31 | 9.04 | 9.69 | 10.17 | 10.51 | 10.80 | 10.23 | 9.30 | 9.34 | 9.78 | 10.09 |
| 7 | 7.49 | 8.33 | 9.06 | 9.70 | 10.18 | 10.52 | 10.80 | 10.21 | 9.28 | 9.36 | 9.78 | 10.10 |
| 8 | 7.51 | 8.35 | 9.09 | 9.71 | 10.19 | 10.53 | 10.81 | 10.15 | 9.27 | 9.38 | 9.79 | 10.11 |
| 9 | 7.54 | 8.37 | 9.11 | 9.73 | 10.21 | 10.54 | 10.82 | 10.10 | 9.25 | 9.40 | 9.80 | 10.11 |
| 10 | 7.56 | 8.39 | 9.13 | 9.74 | 10.23 | 10.55 | 10.83 | 10.04 | 9.23 | 9.42 | 9.81 | 10.12 |
| 11 | 7.60 | 8.42 | 9.15 | 9.75 | 10.24 | 10.57 | 10.83 | 9.99 | 9.20 | 9.43 | 9.82 | 10.13 |
| 12 | 7.63 | 8.44 | 9.17 | 9.77 | 10.25 | 10.58 | 10.84 | 9.94 | 9.19 | 9.45 | 9.83 | 10.14 |
| 13 | 7.66 | 8.47 | 9.18 | 9.79 | 10.27 | 10.59 | 10.83 | 9.88 | 9.17 | 9.47 | 9.84 | 10.14 |
| 14 | 7.69 | 8.49 | 9.21 | 9.81 | 10.28 | 10.59 | 10.83 | 9.84 | 9.16 | 9.48 | 9.85 | 10.15 |
| 15 | 7.72 | 8.52 | 9.22 | 9.83 | 10.29 | 10.60 | 10.82 | 9.80 | 9.16 | 9.50 | 9.86 | 10.16 |
| 16 | 7.74 | 8.55 | 9.24 | 9.84 | 10.31 | 10.61 | 10.80 | 9.76 | 9.15 | 9.52 | 9.87 | 10.17 |
| 17 | 7.75 | 8.58 | 9.26 | 9.85 | 10.32 | 10.62 | 10.76 | 9.74 | 9.14 | 9.53 | 9.88 | 10.18 |
| 18 | 7.78 | 8.61 | 9.29 | 9.87 | 10.33 | 10.63 | 10.71 | 9.72 | 9.14 | 9.55 | 9.89 | 10.19 |
| 19 | 7.79 | 8.64 | 9.31 | 9.89 | 10.34 | 10.64 | 10.68 | 9.69 | 9.14 | 9.57 | 9.90 | 10.19 |
| 20 | 7.82 | 8.67 | 9.33 | 9.90 | 10.35 | 10.65 | 10.65 | 9.67 | 9.14 | 9.59 | 9.91 | 10.20 |
| 21 | 7.85 | 8.70 | 9.35 | 9.92 | 10.36 | 10.67 | 10.61 | 9.64 | 9.14 | 9.61 | 9.92 | 10.21 |
| 22 | 7.88 | 8.72 | 9.37 | 9.94 | 10.37 | 10.68 | 10.56 | 9.61 | 9.14 | 9.62 | 9.93 | 10.21 |
| 23 | 7.91 | 8.76 | 9.39 | 9.95 | 10.38 | 10.68 | 10.53 | 9.58 | 9.15 | 9.64 | 9.94 | 10.22 |
| 24 | 7.93 | 8.77 | 9.41 | 9.97 | 10.40 | 10.69 | 10.50 | 9.55 | 9.16 | 9.65 | 9.95 | 10.23 |
| 25 | 7.96 | 8.79 | 9.44 | 9.99 | 10.41 | 10.70 | 10.46 | 9.52 | 9.17 | 9.67 | 9.96 | 10.23 |
| 26 | 7.99 | 8.82 | 9.46 | 10.00 | 10.43 | 10.71 | 10.43 | 9.51 | 9.19 | 9.68 | 9.97 | 10.24 |
| 27 | 8.02 | 8.84 | 9.49 | 10.02 | 10.43 | 10.72 | 10.41 | 9.48 | 9.20 | 9.69 | 9.98 | 10.25 |
| 28 | 8.06 | 8.86 | 9.50 | 10.03 | 10.45 | 10.73 | 10.39 | 9.46 | 9.22 | 9.70 | 9.99 | 10.26 |
| 29 | 8.10 | 8.88 | 9.53 | 10.04 | 10.46 | 10.73 | 10.37 | 9.45 | 9.24 | 9.71 | 10.00 | 10.27 |
| 30 | 8.13 | 8.90 | 9.54 | 10.05 | --- | 10.74 | 10.35 | 9.43 | 9.25 | 9.72 | 10.01 | 10.28 |
| 31 | 8.16 | --- | 9.56 | 10.08 | --- | 10.74 | --- | 9.42 | --- | 9.74 | 10.02 | --- |

GROUND-WATER LEVEL DATA

411

YUKON ALASKA—Continued

FAIRBANKS NORTH STAR BOROUGH—Continued

644531147130801. Local number, FD00200307ACBA1007.

LOCATION.--Lat 64°45'31", Long 147°13'08", in NW¹/₄ SW¹/₄ NE¹/₄ sec. 7, T.2 S., R.3 E., (Fairbanks D-1 SE) Fairbanks Meridian, Hydrologic Unit 19040506. Well located approximately 60 feet from bunker door off gravel road near U.S. Army Corps of Engineers' facility south of Chena Lake Recreation Area entrance.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Chena Alluvium of Quaternary age.

WELL CHARACTERISTICS.--Diameter 2-in. PVC casing, depth 17.6 ft, screen opening from 7.6 ft to 12.1 ft and 12.6 to 17.1 ft

INSTRUMENTATION.--Intermittent measurements by USGS personnel February 2001 to current year; submersible pressure transducer/electronic data logger from October 5, 2001 to current year.

DATUM.--Elevation of land-surface datum is 495.84 ft above NGVD of 1929 (revised; levels by US Army Corps of Engineers, adjusted to 1992 survey of benchmarks by U.S. Coast and Geodetic Survey). Measuring point: top of inner casing 2.49 feet above land surface datum.

REMARKS.--Observation well drilled March 12, 1995 by the U.S. Army Corps of Engineers and designated as DSAP-4.

PERIOD OF RECORD.--February 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.46 ft below land-surface datum, August 9, 2003; lowest, 10.75 ft below land-surface datum, April 23-24, 2002.

EXTREMES FOR CURRENT YEAR.--Highest water level measured, 6.86 ft below land-surface datum, October 1; lowest, 10.28 ft below land-surface datum, April 10-12.

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 | 6.86 | 7.74 | 8.47 | 9.13 | 9.58 | 9.95 | 10.22 | 9.71 | 8.76 | 8.76 | 9.24 | 9.54 |
| 2 | 6.88 | 7.76 | 8.49 | 9.15 | 9.60 | 9.95 | 10.20 | 9.70 | 8.76 | 8.77 | 9.25 | 9.54 |
| 3 | 6.87 | 7.78 | 8.52 | 9.18 | 9.61 | 9.96 | 10.21 | 9.68 | 8.74 | 8.80 | 9.25 | 9.55 |
| 4 | 6.93 | 7.80 | 8.55 | 9.19 | 9.63 | 9.97 | 10.22 | 9.65 | 8.72 | 8.82 | 9.25 | 9.57 |
| 5 | 6.96 | 7.83 | 8.56 | 9.21 | 9.64 | 9.97 | 10.23 | 9.63 | 8.71 | 8.83 | 9.26 | 9.58 |
| 6 | 6.97 | 7.85 | 8.58 | 9.21 | 9.65 | 9.98 | 10.24 | 9.60 | 8.69 | 8.85 | 9.27 | 9.59 |
| 7 | 6.99 | 7.88 | 8.60 | 9.21 | 9.67 | 9.99 | 10.25 | 9.56 | 8.67 | 8.88 | 9.29 | 9.60 |
| 8 | 7.03 | 7.86 | 8.64 | 9.21 | 9.68 | 10.00 | 10.26 | 9.50 | 8.66 | 8.90 | 9.29 | 9.61 |
| 9 | 7.06 | 7.91 | 8.65 | 9.23 | 9.70 | 10.01 | 10.26 | 9.44 | 8.63 | 8.92 | 9.31 | 9.61 |
| 10 | 7.09 | 7.93 | 8.67 | 9.24 | 9.70 | 10.02 | 10.27 | 9.39 | 8.59 | 8.92 | 9.32 | 9.61 |
| 11 | 7.14 | 7.96 | 8.68 | 9.28 | 9.73 | 10.04 | 10.28 | 9.33 | 8.58 | 8.95 | 9.32 | 9.62 |
| 12 | 7.17 | 7.96 | 8.69 | 9.29 | 9.75 | 10.05 | 10.25 | 9.27 | 8.57 | 8.97 | 9.33 | 9.62 |
| 13 | 7.20 | 8.02 | 8.72 | 9.31 | 9.76 | 10.06 | 10.24 | 9.22 | 8.57 | 8.98 | 9.34 | 9.64 |
| 14 | 7.23 | 8.05 | 8.74 | 9.32 | 9.77 | 10.06 | 10.23 | 9.18 | 8.57 | 9.01 | 9.36 | 9.65 |
| 15 | 7.23 | 8.09 | 8.76 | 9.33 | 9.79 | 10.07 | 10.19 | 9.15 | 8.57 | 9.04 | 9.37 | 9.65 |
| 16 | 7.25 | 8.11 | 8.78 | 9.36 | 9.80 | 10.08 | 10.15 | 9.12 | 8.57 | 9.06 | 9.37 | 9.66 |
| 17 | 7.26 | 8.14 | 8.82 | 9.37 | 9.80 | 10.10 | 10.10 | 9.10 | 8.57 | 9.07 | 9.38 | 9.68 |
| 18 | 7.30 | 8.19 | 8.84 | 9.38 | 9.81 | 10.11 | 10.07 | 9.08 | 8.58 | 9.09 | 9.40 | 9.68 |
| 19 | 7.32 | 8.21 | 8.84 | 9.40 | 9.82 | 10.12 | 10.03 | 9.04 | 8.57 | 9.10 | 9.40 | 9.69 |
| 20 | 7.37 | 8.23 | 8.86 | 9.41 | 9.82 | 10.14 | 10.01 | 9.01 | 8.58 | 9.12 | 9.41 | 9.69 |
| 21 | 7.40 | 8.25 | 8.88 | 9.43 | 9.83 | 10.14 | 9.96 | 8.98 | 8.59 | 9.14 | 9.43 | 9.69 |
| 22 | 7.43 | 8.27 | 8.88 | 9.44 | 9.84 | 10.14 | 9.92 | 8.95 | 8.60 | 9.16 | 9.43 | 9.70 |
| 23 | 7.44 | 8.28 | 8.93 | 9.47 | 9.86 | 10.14 | 9.90 | 8.93 | 8.61 | 9.17 | 9.44 | 9.70 |
| 24 | 7.49 | 8.28 | 8.96 | 9.49 | 9.87 | 10.15 | 9.87 | 8.89 | 8.64 | 9.17 | 9.44 | 9.71 |
| 25 | 7.50 | 8.34 | 8.98 | 9.50 | 9.89 | 10.16 | 9.84 | 8.88 | 8.66 | 9.18 | 9.46 | 9.72 |
| 26 | 7.55 | 8.38 | 9.02 | 9.51 | 9.90 | 10.17 | 9.81 | 8.87 | 8.69 | 9.20 | 9.47 | 9.71 |
| 27 | 7.59 | 8.35 | 9.03 | 9.52 | 9.91 | 10.17 | 9.79 | 8.84 | 8.71 | 9.20 | 9.48 | 9.74 |
| 28 | 7.63 | 8.37 | 9.03 | 9.53 | 9.92 | 10.17 | 9.78 | 8.83 | 8.73 | 9.21 | 9.50 | 9.75 |
| 29 | 7.67 | 8.43 | 9.03 | 9.54 | 9.94 | 10.19 | 9.76 | 8.81 | 8.74 | 9.23 | 9.51 | 9.76 |
| 30 | 7.68 | 8.45 | 9.06 | 9.56 | --- | 10.19 | 9.73 | 8.80 | 8.75 | 9.24 | 9.52 | 9.77 |
| 31 | 7.71 | --- | 9.09 | 9.57 | --- | 10.21 | --- | 8.78 | --- | 9.25 | 9.53 | --- |

GROUND-WATER LEVEL DATA

YUKON ALASKA—Continued

FAIRBANKS NORTH STAR BOROUGH—Continued

644547147141801. Local number, FD00200306CCCC1002.

LOCATION.--Lat 64°45'47", Long 147°14'18", in SW¹/₄ SW¹/₄ SW¹/₄ sec. 6, T.2 S., R.3 E., (Fairbanks D-1 SE quad), Fairbanks Meridian, Hydrologic Unit 19040506, Well located 0.5 mi on Hurst Road from the intersection with Nelson Road, then 30 ft east of road, North Pole. Owner: U.S. Army Corps of Engineers.

AQUIFER.--Chena Alluvium of Quaternary age.

WELL CHARACTERISTICS.--Diameter 2-in.PVC inner casing, depth 17.4 ft, screen opening from 12.4 ft to 16.9 ft.

INSTRUMENTATION.--Intermittent measurements by USGS personnel August 2001 to current year; submersible pressure transducer/electronic data logger from October 12, 2001 to current year.

DATUM.--Elevation of land-surface datum is 493.64 ft above NGVD of 1929 (revised; levels by US Army Corps of Engineers, adjusted to 1992 survey of benchmarks by U.S. Coast and Geodetic Survey). Measuring point: top of inner casing 2.64 feet above land surface datum.

REMARKS.--Observation well drilled April 11, 1995 by the U.S. Army Corps of Engineers and designated as DSAP-3.

PERIOD OF RECORD.--August 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.82 ft below land-surface datum, September 18-19, 2002; lowest, 10.07 ft below land-surface datum, April 22-23, 2002.

EXTREMES FOR CURRENT YEAR.--Highest water level measured, 6.09 ft below land-surface datum, October 1; lowest, 9.89 ft below land-surface datum, April 11.

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 | 6.09 | 7.05 | 7.94 | 8.70 | 9.19 | 9.57 | 9.82 | 9.11 | 8.24 | 8.23 | 8.76 | 9.02 |
| 2 | 6.11 | 7.07 | 7.96 | 8.72 | 9.21 | 9.57 | 9.80 | 9.10 | 8.23 | 8.25 | 8.77 | 9.03 |
| 3 | 6.11 | 7.10 | 8.00 | 8.75 | 9.22 | 9.57 | 9.81 | 9.11 | 8.22 | 8.27 | 8.77 | 9.05 |
| 4 | 6.17 | 7.14 | 8.02 | 8.77 | 9.23 | 9.58 | 9.83 | 9.14 | 8.20 | 8.29 | 8.78 | 9.06 |
| 5 | 6.19 | 7.16 | 8.04 | 8.78 | 9.25 | 9.59 | 9.81 | 9.13 | 8.19 | 8.30 | 8.78 | 9.08 |
| 6 | 6.21 | 7.19 | 8.07 | 8.79 | 9.26 | 9.60 | 9.84 | 9.10 | 8.19 | 8.33 | 8.79 | 9.09 |
| 7 | 6.24 | 7.22 | 8.09 | 8.80 | 9.28 | 9.60 | 9.85 | 8.99 | 8.16 | 8.36 | 8.80 | 9.09 |
| 8 | 6.29 | 7.23 | 8.13 | 8.80 | 9.28 | 9.62 | 9.86 | 8.89 | 8.15 | 8.38 | 8.81 | 9.10 |
| 9 | 6.33 | 7.27 | 8.15 | 8.82 | 9.31 | 9.62 | 9.86 | 8.76 | 8.13 | 8.38 | 8.82 | 9.11 |
| 10 | 6.36 | 7.30 | 8.17 | 8.83 | 9.31 | 9.64 | 9.87 | 8.65 | 8.10 | 8.39 | 8.82 | 9.11 |
| 11 | 6.40 | 7.34 | 8.19 | 8.87 | 9.34 | 9.65 | 9.88 | 8.57 | 8.08 | 8.42 | 8.83 | 9.11 |
| 12 | 6.43 | 7.34 | 8.21 | 8.89 | 9.36 | 9.66 | 9.87 | 8.56 | 8.06 | 8.44 | 8.84 | 9.12 |
| 13 | 6.45 | 7.40 | 8.24 | 8.90 | 9.37 | 9.67 | 9.86 | 8.58 | 8.06 | 8.45 | 8.85 | 9.14 |
| 14 | 6.47 | 7.43 | 8.27 | 8.92 | 9.37 | 9.67 | 9.85 | 8.56 | 8.06 | 8.47 | 8.86 | 9.15 |
| 15 | 6.49 | 7.47 | 8.29 | 8.93 | 9.39 | 9.68 | 9.82 | 8.55 | 8.06 | 8.50 | 8.87 | 9.15 |
| 16 | 6.50 | 7.50 | 8.30 | 8.95 | 9.41 | 9.69 | 9.80 | 8.53 | 8.05 | 8.51 | 8.87 | 9.17 |
| 17 | 6.52 | 7.53 | 8.34 | 8.96 | 9.41 | 9.70 | 9.75 | 8.53 | 8.06 | 8.53 | 8.88 | 9.18 |
| 18 | 6.56 | 7.58 | 8.37 | 8.98 | 9.42 | 9.71 | 9.71 | 8.52 | 8.06 | 8.55 | 8.89 | 9.18 |
| 19 | 6.59 | 7.60 | 8.38 | 9.00 | 9.43 | 9.73 | 9.67 | 8.49 | 8.04 | 8.57 | 8.90 | 9.18 |
| 20 | 6.63 | 7.65 | 8.40 | 9.00 | 9.44 | 9.74 | 9.64 | 8.47 | 8.05 | 8.58 | 8.90 | 9.19 |
| 21 | 6.67 | 7.66 | 8.43 | 9.03 | 9.45 | 9.74 | 9.59 | 8.44 | 8.05 | 8.61 | 8.91 | 9.19 |
| 22 | 6.70 | 7.69 | 8.43 | 9.04 | 9.47 | 9.74 | 9.54 | 8.42 | 8.06 | 8.63 | 8.92 | 9.20 |
| 23 | 6.72 | 7.71 | 8.48 | 9.08 | 9.48 | 9.74 | 9.50 | 8.40 | 8.07 | 8.65 | 8.93 | 9.21 |
| 24 | 6.76 | 7.73 | 8.51 | 9.10 | 9.49 | 9.75 | 9.46 | 8.37 | 8.11 | 8.66 | 8.94 | 9.22 |
| 25 | 6.78 | 7.78 | 8.53 | 9.11 | 9.51 | 9.76 | 9.42 | 8.35 | 8.14 | 8.67 | 8.95 | 9.23 |
| 26 | 6.83 | 7.82 | 8.57 | 9.12 | 9.52 | 9.77 | 9.37 | 8.33 | 8.16 | 8.68 | 8.96 | 9.22 |
| 27 | 6.88 | 7.82 | 8.59 | 9.13 | 9.53 | 9.77 | 9.32 | 8.31 | 8.18 | 8.69 | 8.97 | 9.24 |
| 28 | 6.92 | 7.84 | 8.60 | 9.14 | 9.54 | 9.77 | 9.27 | 8.30 | 8.20 | 8.70 | 8.98 | 9.26 |
| 29 | 6.96 | 7.88 | 8.60 | 9.15 | 9.56 | 9.79 | 9.22 | 8.28 | 8.20 | 8.73 | 9.00 | 9.27 |
| 30 | 6.98 | 7.91 | 8.63 | 9.17 | --- | 9.79 | 9.16 | 8.27 | 8.21 | 8.73 | 9.01 | 9.27 |
| 31 | 7.02 | --- | 8.67 | 9.18 | --- | 9.80 | --- | 8.25 | --- | 8.75 | 9.02 | --- |

YUKON ALASKA—Continued

FAIRBANKS NORTH STAR BOROUGH—Continued

644603147131401. Local number, FD00200306DBCA1001.

LOCATION.--Lat 64°46'03", Long 147°13'14", in SW¹/₄ NW¹/₄ SE¹/₄ sec. 06, T.2 S., R.3 E., (Fairbanks D-1 SE quad), Fairbanks Meridian, Hydrologic Unit 19040506. Well located 0.6 mi west on turn off to Lake Park in Chena Lakes Recreation Area, North Pole.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Chena Alluvium of Quaternary age.

WELL CHARACTERISTICS.--Diameter 2-in. PVC casing, depth 19.3 ft., screen open from 14.3 to 18.8 ft.

INSTRUMENTATION.--Intermittent measurements by USGS personnel July 2001 to current year; submersible pressure transducer/electronic data logger from October 5, 2001 to current year.

DATUM.--Elevation of land-surface datum is 490.44 ft above NGVD of 1929 (revised; levels by U.S. Army Corps of Engineers, adjusted to 1992 survey of benchmarks by U.S. Coast and Geodetic Survey. Measuring point: top of inner casing 2.57 ft above land surface datum.

REMARKS.--Observation well drilled April 6, 1995 by the U.S. Army Corps of Engineers and designated as DSAP-1.

PERIOD OF RECORD.--July 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 4.81 ft below land-surface datum, September 16-17, 2003; lowest 8.49 ft below land-surface datum, March 18-21, 2002.

EXTREMES FOR CURRENT YEAR.--Highest water level measured 5.26 ft below land-surface datum, October 1; lowest 8.46 ft below land-surface datum, April 8, 10-11.

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 | 5.26 | 6.45 | 7.18 | 7.70 | 8.03 | 8.28 | 8.42 | 8.00 | 6.92 | 7.32 | 7.93 | 8.25 |
| 2 | 5.30 | 6.48 | 7.19 | 7.72 | 8.05 | 8.27 | 8.40 | 7.97 | 6.92 | 7.34 | 7.94 | 8.24 |
| 3 | 5.33 | 6.51 | 7.22 | 7.74 | 8.05 | 8.28 | 8.41 | 7.95 | 6.90 | 7.37 | 7.95 | 8.24 |
| 4 | 5.38 | 6.54 | 7.24 | 7.75 | 8.06 | 8.29 | 8.43 | 7.92 | 6.88 | 7.39 | 7.95 | 8.25 |
| 5 | 5.42 | 6.57 | 7.26 | 7.76 | 8.07 | 8.29 | 8.44 | 7.89 | 6.87 | 7.42 | 7.96 | 8.26 |
| 6 | 5.44 | 6.60 | 7.28 | 7.77 | 8.08 | 8.29 | 8.44 | 7.84 | 6.87 | 7.45 | 7.97 | 8.27 |
| 7 | 5.48 | 6.63 | 7.29 | 7.77 | 8.09 | 8.29 | 8.44 | 7.78 | 6.85 | 7.48 | 7.98 | 8.27 |
| 8 | 5.54 | 6.64 | 7.31 | 7.77 | 8.09 | 8.30 | 8.45 | 7.71 | 6.85 | 7.51 | 7.99 | 8.27 |
| 9 | 5.57 | 6.68 | 7.33 | 7.79 | 8.11 | 8.30 | 8.44 | 7.61 | 6.82 | 7.53 | 7.99 | 8.27 |
| 10 | 5.60 | 6.70 | 7.34 | 7.80 | 8.10 | 8.31 | 8.45 | 7.53 | 6.81 | 7.56 | 8.00 | 8.26 |
| 11 | 5.66 | 6.74 | 7.36 | 7.83 | 8.13 | 8.32 | 8.44 | 7.46 | 6.81 | 7.59 | 8.01 | 8.27 |
| 12 | 5.69 | 6.74 | 7.37 | 7.85 | 8.15 | 8.33 | 8.41 | 7.38 | 6.81 | 7.62 | 8.02 | 8.27 |
| 13 | 5.73 | 6.78 | 7.40 | 7.85 | 8.15 | 8.33 | 8.40 | 7.32 | 6.82 | 7.64 | 8.02 | 8.27 |
| 14 | 5.77 | 6.81 | 7.42 | 7.86 | 8.16 | 8.33 | 8.39 | 7.26 | 6.84 | 7.66 | 8.04 | 8.27 |
| 15 | 5.80 | 6.84 | 7.43 | 7.87 | 8.17 | 8.34 | 8.36 | 7.22 | 6.86 | 7.69 | 8.05 | 8.27 |
| 16 | 5.83 | 6.87 | 7.44 | 7.88 | 8.17 | 8.35 | 8.35 | 7.19 | 6.88 | 7.71 | 8.06 | 8.28 |
| 17 | 5.87 | 6.90 | 7.47 | 7.89 | 8.18 | 8.36 | 8.32 | 7.17 | 6.90 | 7.74 | 8.07 | 8.29 |
| 18 | 5.91 | 6.94 | 7.49 | 7.89 | 8.18 | 8.36 | 8.30 | 7.14 | 6.93 | 7.76 | 8.09 | 8.29 |
| 19 | 5.95 | 6.96 | 7.49 | 7.91 | 8.19 | 8.37 | 8.26 | 7.10 | 6.95 | 7.78 | 8.10 | 8.30 |
| 20 | 6.01 | 7.00 | 7.51 | 7.91 | 8.19 | 8.38 | 8.24 | 7.08 | 6.97 | 7.80 | 8.11 | 8.30 |
| 21 | 6.05 | 7.01 | 7.53 | 7.92 | 8.20 | 8.37 | 8.21 | 7.05 | 7.00 | 7.83 | 8.12 | 8.29 |
| 22 | 6.09 | 7.02 | 7.53 | 7.93 | 8.21 | 8.37 | 8.18 | 7.03 | 7.03 | 7.85 | 8.13 | 8.30 |
| 23 | 6.11 | 7.04 | 7.57 | 7.95 | 8.22 | 8.37 | 8.17 | 7.02 | 7.06 | 7.85 | 8.14 | 8.30 |
| 24 | 6.15 | 7.04 | 7.58 | 7.96 | 8.23 | 8.38 | 8.14 | 6.98 | 7.10 | 7.86 | 8.14 | 8.30 |
| 25 | 6.18 | 7.08 | 7.60 | 7.97 | 8.24 | 8.39 | 8.12 | 6.98 | 7.14 | 7.88 | 8.16 | 8.31 |
| 26 | 6.23 | 7.10 | 7.62 | 7.98 | 8.25 | 8.39 | 8.10 | 6.97 | 7.17 | 7.89 | 8.18 | 8.30 |
| 27 | 6.28 | 7.09 | 7.64 | 7.98 | 8.25 | 8.40 | 8.08 | 6.96 | 7.21 | 7.90 | 8.19 | 8.32 |
| 28 | 6.32 | 7.10 | 7.64 | 7.99 | 8.26 | 8.39 | 8.06 | 6.95 | 7.24 | 7.92 | 8.21 | 8.33 |
| 29 | 6.36 | 7.14 | 7.64 | 8.00 | 8.27 | 8.40 | 8.04 | 6.95 | 7.27 | 7.94 | 8.22 | 8.34 |
| 30 | 6.39 | 7.16 | 7.66 | 8.01 | --- | 8.41 | 8.02 | 6.94 | 7.29 | 7.94 | 8.23 | 8.33 |
| 31 | 6.42 | --- | 7.68 | 8.02 | --- | 8.42 | --- | 6.93 | --- | 7.96 | 8.25 | --- |

GROUND-WATER LEVEL DATA

YUKON ALASKA—Continued

FAIRBANKS NORTH STAR BOROUGH—Continued

644603147151801. Local number, FD00200201DBC1002.

LOCATION.--Lat 64°46'03", Long 147°15'18", in SW¹/₄ NW¹/₄ SE¹/₄ sec. 1, T.2 S., R.2 E., (Fairbanks D-1 SW quad), Fairbanks Meridian, Hydrologic Unit 19040506. Well located east side of Nelson Road approximately 2.3 mi from Laurance Road. West of Chena Lakes Flood Control Project and Recreational Area, North Pole.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Chena Alluvium of Quaternary age.

WELL CHARACTERISTICS.--Diameter 2-in. PVC casing, depth 19.8 ft, screen openings from 14.8 ft to 19.3 ft

INSTRUMENTATION.--Intermittent measurements by USGS personnel July 2001 to current year; submersible pressure transducer/electronic data logger from October 12, 2001 to current year.

DATUM.--Elevation of land-surface datum is 493.04 ft above NGVD of 1929 (revised; levels by U.S. Army Corps of Engineers, adjusted to 1992 survey of benchmarks by U.S. Coast and Geodetic Survey.). Measuring point: top of inner casing 2.68 ft above land surface datum.

REMARKS.--Observation well drilled April 11, 1995 by the U.S. Army Corps of Engineers and designated as DSAP-2.

PERIOD OF RECORD.--July 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.49 ft below land-surface datum, September 24, 2003; lowest, 11.83 ft below land-surface datum, March 31, 2002

EXTREMES FOR CURRENT YEAR.--Highest water level measured, 8.65 ft below land-surface datum, October 1; lowest, 11.78 ft below land-surface datum, April 7-11.

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 | 8.65 | 9.51 | 10.29 | 10.94 | 11.35 | 11.62 | 11.74 | 11.18 | 10.24 | 10.35 | 10.85 | 11.13 |
| 2 | 8.66 | 9.54 | 10.31 | 10.96 | 11.36 | 11.61 | 11.73 | 11.17 | 10.23 | 10.36 | 10.86 | 11.14 |
| 3 | 8.67 | 9.56 | 10.34 | 10.98 | 11.37 | 11.62 | 11.73 | 11.15 | 10.21 | 10.38 | 10.85 | 11.15 |
| 4 | 8.71 | 9.60 | 10.36 | 11.00 | 11.38 | 11.62 | 11.75 | 11.13 | 10.19 | 10.40 | 10.86 | 11.16 |
| 5 | 8.73 | 9.62 | 10.38 | 11.01 | 11.39 | 11.63 | 11.75 | 11.11 | 10.18 | 10.41 | 10.86 | 11.18 |
| 6 | 8.74 | 9.64 | 10.40 | 11.02 | 11.41 | 11.63 | 11.75 | 11.09 | 10.17 | 10.43 | 10.86 | 11.18 |
| 7 | 8.77 | 9.67 | 10.42 | 11.03 | 11.42 | 11.63 | 11.76 | 11.06 | 10.15 | 10.45 | 10.87 | 11.19 |
| 8 | 8.81 | 9.68 | 10.45 | 11.03 | 11.42 | 11.64 | 11.76 | 11.03 | 10.14 | 10.46 | 10.89 | 11.20 |
| 9 | 8.83 | 9.71 | 10.47 | 11.05 | 11.45 | 11.64 | 11.76 | 10.99 | 10.11 | 10.48 | 10.90 | 11.20 |
| 10 | 8.86 | 9.74 | 10.49 | 11.06 | 11.44 | 11.65 | 11.77 | 10.94 | 10.11 | 10.49 | 10.91 | 11.20 |
| 11 | 8.91 | 9.78 | 10.51 | 11.09 | 11.46 | 11.66 | 11.75 | 10.90 | 10.09 | 10.51 | 10.91 | 11.21 |
| 12 | 8.94 | 9.79 | 10.52 | 11.11 | 11.48 | 11.66 | 11.72 | 10.85 | 10.08 | 10.54 | 10.92 | 11.21 |
| 13 | 8.97 | 9.83 | 10.55 | 11.12 | 11.48 | 11.67 | 11.68 | 10.81 | 10.07 | 10.56 | 10.93 | 11.22 |
| 14 | 8.99 | 9.86 | 10.57 | 11.13 | 11.49 | 11.67 | 11.63 | 10.76 | 10.07 | 10.57 | 10.95 | 11.23 |
| 15 | 9.00 | 9.89 | 10.59 | 11.15 | 11.50 | 11.67 | 11.60 | 10.72 | 10.07 | 10.59 | 10.96 | 11.24 |
| 16 | 9.01 | 9.92 | 10.61 | 11.16 | 11.51 | 11.68 | 11.55 | 10.68 | 10.07 | 10.61 | 10.97 | 11.24 |
| 17 | 9.03 | 9.95 | 10.64 | 11.16 | 11.51 | 11.69 | 11.51 | 10.65 | 10.07 | 10.63 | 10.98 | 11.25 |
| 18 | 9.06 | 9.98 | 10.66 | 11.18 | 11.52 | 11.69 | 11.48 | 10.61 | 10.09 | 10.65 | 10.99 | 11.25 |
| 19 | 9.09 | 10.01 | 10.67 | 11.19 | 11.52 | 11.71 | 11.43 | 10.58 | 10.09 | 10.66 | 11.00 | 11.25 |
| 20 | 9.13 | 10.04 | 10.69 | 11.20 | 11.53 | 11.71 | 11.40 | 10.54 | 10.09 | 10.69 | 11.01 | 11.26 |
| 21 | 9.16 | 10.06 | 10.71 | 11.21 | 11.53 | 11.71 | 11.36 | 10.51 | 10.11 | 10.71 | 11.02 | 11.26 |
| 22 | 9.19 | 10.08 | 10.72 | 11.23 | 11.55 | 11.71 | 11.33 | 10.48 | 10.12 | 10.73 | 11.03 | 11.28 |
| 23 | 9.22 | 10.11 | 10.76 | 11.25 | 11.56 | 11.70 | 11.31 | 10.45 | 10.15 | 10.74 | 11.03 | 11.28 |
| 24 | 9.25 | 10.12 | 10.78 | 11.26 | 11.57 | 11.71 | 11.29 | 10.42 | 10.18 | 10.76 | 11.04 | 11.29 |
| 25 | 9.28 | 10.16 | 10.80 | 11.28 | 11.57 | 11.72 | 11.28 | 10.40 | 10.22 | 10.77 | 11.06 | 11.30 |
| 26 | 9.31 | 10.19 | 10.83 | 11.29 | 11.58 | 11.72 | 11.26 | 10.36 | 10.24 | 10.78 | 11.06 | 11.29 |
| 27 | 9.36 | 10.20 | 10.85 | 11.29 | 11.59 | 11.73 | 11.23 | 10.34 | 10.27 | 10.79 | 11.08 | 11.31 |
| 28 | 9.38 | 10.22 | 10.86 | 11.30 | 11.60 | 11.72 | 11.22 | 10.32 | 10.30 | 10.80 | 11.08 | 11.32 |
| 29 | 9.43 | 10.25 | 10.86 | 11.32 | 11.60 | 11.74 | 11.21 | 10.30 | 10.32 | 10.82 | 11.10 | 11.33 |
| 30 | 9.45 | 10.26 | 10.89 | 11.33 | --- | 11.74 | 11.20 | 10.28 | 10.33 | 10.83 | 11.11 | 11.33 |
| 31 | 9.48 | --- | 10.92 | 11.34 | --- | 11.75 | --- | 10.26 | --- | 10.84 | 11.12 | --- |

YUKON ALASKA—Continued

FAIRBANKS NORTH STAR BOROUGH—Continued

645434147385101. Local number, FB00100113DDBC2001 50673.

LOCATION.--Lat 64°54'34", long 147°38'51", in NW¹/₄ SE¹/₄ SE¹/₄ sec. 13 T.1.S., R.1.W., (Fairbanks D-2 NE quad), Fairbanks Meridian, Hydrologic Unit, 19040506, in road right-of-way at 2.3 mi McGrath Road, off Farmers' Loop Road near Fairbanks.

Owner: U.S. Geological Survey.

AQUIFER.--Quartz-mica schist of pre-Jurassic age.

WELL CHARACTERISTICS.--Diameter 6-in., depth 100 ft, metal casing to 98.5 ft, perforated openings from 88.5 ft to 98.5 ft, and open hole to 100 ft.

INSTRUMENTATION.--Digital recorder, from October 1983 to June 1995. Electronic data logger from June 1995 to May 1996. Digital recorder, from May 1996 to September 1997. Electronic data logger from October 1997 to present.

DATUM.--Elevation of land-surface datum is 740 ft above sea level (determined from topographic map). Measuring point: top of casing 1.00 ft above land-surface datum.

REMARKS.--Observation well drilled by the U.S. Geological Survey, designated as McGrath Well, replaces old McGrath Estates well, 645429147383801.

PERIOD OF RECORD.--June 1983 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 39.13 ft below land-surface datum, October 28, 1983; lowest, 44.85 ft below land-surface datum, July 3, 1990.

EXTREMES FOR CURRENT YEAR.--Highest water level measured, 39.94 ft below land-surface datum, November 28; lowest, 41.19 ft below land-surface datum, September 6-7, 17-18.

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 | 40.22 | 40.22 | 40.04 | 40.35 | 40.26 | 40.58 | 40.66 | 40.38 | 40.39 | 40.66 | 40.77 | 40.99 |
| 2 | 40.20 | 40.21 | 40.10 | 40.43 | 40.31 | 40.36 | 40.40 | 40.38 | 40.39 | 40.64 | 40.80 | 40.95 |
| 3 | 40.12 | 40.18 | 40.10 | 40.48 | 40.29 | 40.30 | 40.39 | 40.42 | 40.39 | 40.67 | 40.73 | 40.95 |
| 4 | 40.12 | 40.18 | 40.21 | 40.49 | 40.27 | 40.31 | 40.44 | 40.48 | 40.32 | 40.65 | 40.73 | 40.99 |
| 5 | 40.25 | 40.19 | 40.12 | 40.33 | 40.20 | 40.33 | 40.58 | 40.38 | 40.29 | 40.66 | 40.76 | 41.11 |
| 6 | 40.15 | 40.14 | 40.10 | 40.22 | 40.20 | 40.36 | 40.60 | 40.35 | 40.31 | 40.70 | 40.77 | 41.17 |
| 7 | 40.14 | 40.13 | 40.16 | 40.11 | 40.30 | 40.41 | 40.58 | 40.33 | 40.35 | 40.73 | 40.81 | 41.11 |
| 8 | 40.18 | 40.02 | 40.20 | 40.04 | 40.34 | 40.46 | 40.58 | 40.38 | 40.34 | 40.67 | 40.88 | 41.08 |
| 9 | 40.24 | 40.04 | 40.16 | 40.06 | 40.35 | 40.49 | 40.66 | 40.41 | 40.33 | 40.67 | 40.91 | 40.99 |
| 10 | 40.25 | 40.09 | 40.09 | 40.07 | 40.21 | 40.49 | 40.68 | 40.47 | 40.25 | 40.70 | 40.83 | 40.97 |
| 11 | 40.30 | 40.13 | 40.02 | 40.17 | 40.21 | 40.52 | 40.69 | 40.46 | 40.25 | 40.74 | 40.78 | 40.96 |
| 12 | 40.34 | 40.03 | 40.02 | 40.33 | 40.34 | 40.56 | 40.62 | 40.45 | 40.32 | 40.82 | 40.78 | 40.99 |
| 13 | 40.33 | 40.07 | 40.04 | 40.29 | 40.32 | 40.57 | 40.58 | 40.32 | 40.37 | 40.85 | 40.81 | 41.03 |
| 14 | 40.28 | 40.13 | 40.23 | 40.23 | 40.31 | 40.47 | 40.61 | 40.30 | 40.48 | 40.85 | 40.81 | 41.08 |
| 15 | 40.21 | 40.18 | 40.12 | 40.23 | 40.37 | 40.49 | 40.56 | 40.35 | 40.53 | 40.92 | 40.86 | 41.10 |
| 16 | 40.09 | 40.19 | 40.12 | 40.28 | 40.43 | 40.52 | 40.49 | 40.39 | 40.51 | 40.95 | 40.86 | 41.12 |
| 17 | 40.08 | 40.22 | 40.17 | 40.24 | 40.37 | 40.58 | 40.49 | 40.42 | 40.49 | 40.95 | 40.88 | 41.15 |
| 18 | 40.08 | 40.20 | 40.28 | 40.22 | 40.32 | 40.58 | 40.48 | 40.46 | 40.53 | 40.86 | 40.95 | 41.14 |
| 19 | 40.09 | 40.19 | 40.05 | 40.30 | 40.29 | 40.62 | 40.51 | 40.52 | 40.59 | 40.80 | 40.93 | 41.09 |
| 20 | 40.11 | 40.19 | 40.05 | 40.21 | 40.29 | 40.72 | 40.53 | 40.48 | 40.62 | 40.78 | 40.91 | 41.00 |
| 21 | 40.22 | 40.04 | 40.17 | 40.20 | 40.31 | 40.68 | 40.52 | 40.39 | 40.62 | 40.78 | 40.97 | 41.01 |
| 22 | 40.18 | 40.04 | 40.04 | 40.20 | 40.32 | 40.47 | 40.36 | 40.36 | 40.62 | 40.79 | 41.00 | 41.01 |
| 23 | 40.16 | 40.04 | 40.09 | 40.28 | 40.43 | 40.38 | 40.36 | 40.28 | 40.67 | 40.74 | 40.97 | 40.99 |
| 24 | 40.20 | 39.95 | 40.25 | 40.40 | 40.45 | 40.38 | 40.47 | 40.29 | 40.72 | 40.73 | 40.96 | 41.02 |
| 25 | 40.18 | 39.96 | 40.34 | 40.44 | 40.50 | 40.44 | 40.52 | 40.25 | 40.77 | 40.74 | 40.97 | 41.07 |
| 26 | 40.21 | 40.09 | 40.40 | 40.29 | 40.44 | 40.48 | 40.49 | 40.26 | 40.76 | 40.70 | 41.00 | 40.90 |
| 27 | 40.30 | 40.00 | 40.42 | 40.22 | 40.43 | 40.47 | 40.44 | 40.30 | 40.74 | 40.68 | 41.00 | 40.91 |
| 28 | 40.35 | 39.94 | 40.28 | 40.21 | 40.46 | 40.53 | 40.44 | 40.29 | 40.76 | 40.69 | 41.01 | 41.02 |
| 29 | 40.35 | 39.96 | 40.04 | 40.22 | 40.54 | 40.55 | 40.45 | 40.32 | 40.73 | 40.72 | 41.03 | 41.12 |
| 30 | 40.29 | 40.04 | 40.05 | 40.24 | --- | 40.53 | 40.39 | 40.41 | 40.66 | 40.76 | 41.05 | 41.00 |
| 31 | 40.28 | --- | 40.17 | 40.26 | --- | 40.55 | --- | 40.43 | --- | 40.79 | 41.00 | --- |