GROUND-WATER LEVEL DATA

YUKON ALASKA

FAIRBANKS NORTH STAR BOROUGH

644423147124601. Local number, FD00200318DABC1006.

LOCATION.--Lat 64°44'23", Long 147°12'46", in NW$^1/_4$ NE$^1/_4$ SE$^1/_4$ 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 6.41 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, 11.47 ft below land-surface datum, April 14-23, 2005.

EXTREMES FOR CURRENT YEAR.--Highest water level measured, 9.34 ft below land-surface datum, August 3-7; lowest, 11.47 ft below land-surface datum, April 14-23.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.20	10.55	10.87	11.07	11.23	11.34	11.43	10.97	10.39	9.96	9.35	9.58
2	10.21	10.55	10.88	11.08	11.23	11.34	11.43	10.93	10.38	9.94	9.35	9.59
3	10.21	10.56	10.89	11.08	11.24	11.35	11.43	10.91	10.36	9.92	9.34	9.59
4	10.22	10.58	10.90	11.09	11.24	11.35	11.43	10.88	10.35	9.90	9.34	9.60
5	10.22	10.59	10.90	11.10	11.24	11.35	11.44	10.87	10.33	9.87	9.34	9.61
6	10.23	10.61	10.91	11.11	11.25	11.36	11.44	10.85	10.32	9.85	9.34	9.61
7	10.25	10.62	10.91	11.12	11.25	11.36	11.44	10.83	10.31	9.83	9.34	9.63
8	10.26	10.63	10.92	11.12	11.26	11.36	11.44	10.80	10.29	9.80	9.35	9.66
9	10.26	10.65	10.92	11.12	11.26	11.37	11.44	10.78	10.28	9.77	9.35	9.67
10	10.27	10.66	10.93	11.12	11.27	11.37	11.45	10.77	10.26	9.76	9.35	9.67
11	10.29	10.67	10.94	11.13	11.27	11.38	11.45	10.75	10.26	9.72	9.35	9.69
12	10.30	10.69	10.95	11.13	11.27	11.38	11.45	10.73	10.25	9.70	9.36	9.69
13	10.31	10.69	10.95	11.14	11.28	11.39	11.45	10.71	10.24	9.67	9.36	9.71
14	10.33	10.71	10.96	11.15	11.28	11.39	11.45	10.69	10.23	9.65	9.36	9.72
15	10.34	10.72	10.97	11.15	11.29	11.39	11.46	10.68	10.22	9.62	9.37	9.72
16	10.35	10.73	10.98	11.15	11.30	11.39	11.46	10.66	10.20	9.60	9.38	9.72
17	10.37	10.75	10.98	11.16	11.30	11.40	11.46	10.64	10.20	9.59	9.39	9.73
18	10.37	10.75	10.98	11.16	11.30	11.40	11.46	10.62	10.19	9.57	9.39	9.73
19	10.38	10.76	10.99	11.17	11.31	11.40	11.46	10.60	10.18	9.55	9.40	9.75
20	10.40	10.78	11.00	11.17	11.31	11.39	11.46	10.58	10.17	9.53	9.41	9.77
21	10.41	10.79	11.01	11.18	11.31	11.39	11.46	10.56	10.14	9.51	9.42	9.78
22	10.42	10.80	11.01	11.19	11.32	11.40	11.46	10.55	10.13	9.49	9.44	9.77
23	10.43	10.81	11.02	11.19	11.32	11.40	11.45	10.53	10.11	9.47	9.45	9.78
24	10.44	10.81	11.03	11.19	11.32	11.41	11.44	10.52	10.10	9.46	9.46	9.78
25	10.46	10.82	11.03	11.20	11.32	11.41	11.41	10.49	10.07	9.44	9.49	9.81
26	10.47	10.83	11.03	11.20	11.33	11.41	11.34	10.47	10.05	9.42	9.50	9.82
27	10.48	10.85	11.04	11.21	11.33	11.41	11.24	10.46	10.03	9.41	9.53	9.79
28	10.49	10.85	11.05	11.21	11.34	11.42	11.14	10.44	10.01	9.39	9.53	9.79
29	10.50	10.86	11.06	11.22	---	11.42	11.07	10.43	10.00	9.39	9.53	9.81
30	10.52	10.87	11.06	11.22	---	11.42	11.02	10.42	9.98	9.37	9.54	9.82
31	10.53	---	11.07	11.22	---	11.42	---	10.40	---	9.36	9.56	---