

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	---