

GROUND-WATER LEVEL DATA

YUKON ALASKA

FAIRBANKS NORTH STAR BOROUGH

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 ft 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, 13.84 ft below land-surface datum, April 11, 2005, but may have been lower during periods of missing record.

EXTREMES FOR CURRENT YEAR.--Highest water level measured, 11.83 ft below land-surface datum, July 22-25; lowest, 13.84 ft below land-surface datum, April 11, but may have been lower during periods of missing record.

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	12.91	13.41	---	---	---	---	---	13.03	12.61	12.24	11.89	12.21
2	12.93	13.43	---	---	---	---	---	12.98	12.60	12.21	11.90	12.22
3	12.94	13.43	---	---	---	---	---	12.93	12.59	12.19	11.90	12.23
4	12.96	13.46	---	---	---	---	---	12.90	12.58	12.16	11.91	12.25
5	12.97	13.47	---	---	---	---	‡13.81	12.87	12.57	12.13	11.93	12.27
6	12.99	13.48	---	---	---	---	‡13.81	12.84	12.56	12.12	11.95	12.29
7	13.01	13.49	---	---	---	---	---	12.82	12.55	12.10	11.96	12.32
8	13.03	13.50	---	---	---	---	---	12.80	12.54	12.07	11.98	12.33
9	13.04	13.50	---	---	---	---	---	12.78	12.55	12.05	11.99	12.34
10	13.06	13.51	---	---	---	---	---	12.76	12.57	12.02	12.00	12.34
11	13.08	13.51	---	---	---	---	13.84	12.75	12.58	12.00	12.02	12.36
12	13.10	13.50	---	---	---	---	13.81	12.74	12.56	11.97	12.04	12.37
13	13.11	13.50	---	---	---	---	13.80	12.74	12.55	11.95	12.05	12.37
14	13.13	13.49	---	---	---	---	13.78	12.74	12.54	11.94	12.06	12.39
15	13.15	13.48	---	---	---	---	13.77	12.74	12.54	11.92	12.07	12.40
16	13.16	13.48	---	---	---	---	13.76	12.73	12.53	11.91	12.08	12.40
17	13.18	13.48	---	---	---	---	13.75	12.73	12.53	11.90	12.06	12.42
18	13.19	‡13.46	---	---	---	‡13.73	13.74	12.70	12.52	11.88	12.07	12.45
19	13.21	---	---	---	---	---	13.73	12.69	12.50	11.87	12.08	12.46
20	13.23	---	---	‡13.71	---	---	13.72	12.68	12.48	11.86	12.10	12.48
21	13.24	---	---	---	---	---	13.72	12.66	12.45	11.85	12.11	12.48
22	13.26	---	---	---	---	---	13.71	12.65	12.42	11.83	12.13	12.47
23	13.27	---	---	---	‡13.78	---	13.68	12.64	12.39	11.83	12.12	12.47
24	13.29	---	---	---	---	---	13.60	12.62	12.37	11.83	12.14	12.47
25	13.31	---	---	---	---	---	13.50	12.60	12.34	11.83	12.15	12.50
26	13.32	---	---	---	---	---	13.40	12.59	12.32	11.84	12.16	12.50
27	13.33	---	---	---	---	---	13.30	12.59	12.30	11.84	12.17	12.49
28	13.35	---	---	---	---	---	13.21	12.60	12.29	11.85	12.16	12.51
29	13.36	---	---	---	---	---	13.14	12.60	12.27	11.86	12.17	12.53
30	13.38	---	---	---	---	---	13.08	12.61	12.26	11.87	12.19	12.53
31	13.40	---	---	---	---	---	---	12.61	---	11.88	12.21	---

‡ Tapedown