

Water-Data Report 2012

**644400147151501 Local number FD00200224ABBB1001 51659., AK**

Chena Alluvium of Quaternary Age

Fairbanks North Star Borough, AK

LOCATION.--Lat 64°44'00", long 147°15'15" referenced to North American Datum of 1927, in NW ¼ NW ¼ NE ¼ sec.24, T.2 S., R.2 E., Fairbanks North Star Borough, AK, Hydrologic Unit 19040506, (Fairbanks C-1) Fairbanks Meridian, in road right-of-way at intersection of Nelson and Laurence Roads near North Pole. Owner: U.S. Army Corps of Engineers.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 30 ft. Upper casing diameter 4.00 in; top of first opening 27.5 ft, bottom of last opening 30 ft.

DATUM.--Land-surface datum is 503.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Ttop of casing 2.98 ft above land-surface datum.

PERIOD OF RECORD.--June 1976 to May 1980 and November 1983 to October 30, 2011 (discontinued).

GAGE.--Strip-chart recorder from June 1976 to May 1980. Digital recorder from November 1983 to June 1995. Electronic data logger from June 1995 to present.

REMARKS.--Observation well drilled by the U.S. Army Corps of Engineers designated as P-251. Flows on the Chena River were not regulated by the U.S. Army Corps of Engineers at Moose Creek Dam for this time period. Well discontinued October 30, 2011 due to unsuccessful reclamation. Replaced with P251A, 644400147151502 at same location.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.84 ft below land-surface datum, June 7, 1992; lowest, 13.95 ft below land-surface datum, May 24-27, 2010.

EXTREMES FOR CURRENT YEAR.--Highest water level measured, 13.27 ft below land-surface datum, October 1, 2011; lowest, 13.73 ft below land-surface datum, October 29 - 30, 2011.

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**DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE**  
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**  
**DAILY HIGHEST WATER LEVEL**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	13.27	---	---	---	---	---	---	---	---	---	---	---
2	13.29	---	---	---	---	---	---	---	---	---	---	---
3	13.30	---	---	---	---	---	---	---	---	---	---	---
4	13.32	---	---	---	---	---	---	---	---	---	---	---
5	13.33	---	---	---	---	---	---	---	---	---	---	---
6	13.35	---	---	---	---	---	---	---	---	---	---	---
7	13.37	---	---	---	---	---	---	---	---	---	---	---
8	13.38	---	---	---	---	---	---	---	---	---	---	---
9	13.40	---	---	---	---	---	---	---	---	---	---	---
10	13.42	---	---	---	---	---	---	---	---	---	---	---
11	13.43	---	---	---	---	---	---	---	---	---	---	---
12	13.45	---	---	---	---	---	---	---	---	---	---	---
13	13.46	---	---	---	---	---	---	---	---	---	---	---
14	13.48	---	---	---	---	---	---	---	---	---	---	---
15	13.49	---	---	---	---	---	---	---	---	---	---	---
16	13.51	---	---	---	---	---	---	---	---	---	---	---
17	13.52	---	---	---	---	---	---	---	---	---	---	---
18	13.54	---	---	---	---	---	---	---	---	---	---	---
19	13.55	---	---	---	---	---	---	---	---	---	---	---
20	13.57	---	---	---	---	---	---	---	---	---	---	---
21	13.58	---	---	---	---	---	---	---	---	---	---	---
22	13.60	---	---	---	---	---	---	---	---	---	---	---
23	13.62	---	---	---	---	---	---	---	---	---	---	---
24	13.63	---	---	---	---	---	---	---	---	---	---	---
25	13.64	---	---	---	---	---	---	---	---	---	---	---
26	13.66	---	---	---	---	---	---	---	---	---	---	---
27	13.68	---	---	---	---	---	---	---	---	---	---	---
28	13.69	---	---	---	---	---	---	---	---	---	---	---
29	13.71	---	---	---	---	---	---	---	---	---	---	---
30	13.73	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
<b>Mean</b>	---	---	---	---	---	---	---	---	---	---	---	---
<b>Max</b>	---	---	---	---	---	---	---	---	---	---	---	---
<b>Min</b>	---	---	---	---	---	---	---	---	---	---	---	---

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