

Water-Data Report 2012

**644528147131201 Local number FD00200307ACBD1001 51660., AK**

Chena Alluvium of Quaternary Age

Fairbanks North Star Borough, AK

LOCATION.--Lat 64°45'28", long 147°13'12" referenced to North American Datum of 1927, in NW ¼ SW ¼ NE ¼ sec.7, T.2 S., R.3 E., Fairbanks North Star Borough, AK, Hydrologic Unit 19040506, (Fairbanks D-1), Fairbanks Meridian, 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.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 31 ft. Upper casing diameter 4.00 in; top of first opening 28.5 ft, bottom of last opening 31 ft.

DATUM.--Land-surface datum is 494.7 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing 2.91 ft above land-surface datum.

PERIOD OF RECORD.--June 1976 to May 1980 and October 1985 to October 28, 2011 (discontinued).

GAGE.--Continuous strip-chart recorder from June 1976 to May 1980. Digital recorder from October 1985 to April 1995. Electronic data logger from April 1995 to October 2011.

REMARKS.--Observation well drilled by the U.S. Army Corps of Engineers, designated as P-252. 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 28, 2011 due to unsuccessful reclamation. Replaced with P252A 644528147131202 at same location.

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 PERIOD.--Highest water level measured, 10.20 ft below land-surface datum, October 1 - 3, 2011; lowest, 10.51 ft below land-surface datum observed on October 27 - 28, 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	10.19	---	---	---	---	---	---	---	---	---	---	---
2	10.20	---	---	---	---	---	---	---	---	---	---	---
3	10.20	---	---	---	---	---	---	---	---	---	---	---
4	10.21	---	---	---	---	---	---	---	---	---	---	---
5	10.23	---	---	---	---	---	---	---	---	---	---	---
6	10.23	---	---	---	---	---	---	---	---	---	---	---
7	10.25	---	---	---	---	---	---	---	---	---	---	---
8	10.27	---	---	---	---	---	---	---	---	---	---	---
9	10.28	---	---	---	---	---	---	---	---	---	---	---
10	10.29	---	---	---	---	---	---	---	---	---	---	---
11	10.30	---	---	---	---	---	---	---	---	---	---	---
12	10.32	---	---	---	---	---	---	---	---	---	---	---
13	10.34	---	---	---	---	---	---	---	---	---	---	---
14	10.34	---	---	---	---	---	---	---	---	---	---	---
15	10.34	---	---	---	---	---	---	---	---	---	---	---
16	10.36	---	---	---	---	---	---	---	---	---	---	---
17	10.38	---	---	---	---	---	---	---	---	---	---	---
18	10.40	---	---	---	---	---	---	---	---	---	---	---
19	10.40	---	---	---	---	---	---	---	---	---	---	---
20	10.42	---	---	---	---	---	---	---	---	---	---	---
21	10.43	---	---	---	---	---	---	---	---	---	---	---
22	10.43	---	---	---	---	---	---	---	---	---	---	---
23	10.45	---	---	---	---	---	---	---	---	---	---	---
24	10.46	---	---	---	---	---	---	---	---	---	---	---
25	10.47	---	---	---	---	---	---	---	---	---	---	---
26	10.47	---	---	---	---	---	---	---	---	---	---	---
27	10.50	---	---	---	---	---	---	---	---	---	---	---
28	10.51	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
<b>Mean</b>	---	---	---	---	---	---	---	---	---	---	---	---
<b>Max</b>	---	---	---	---	---	---	---	---	---	---	---	---
<b>Min</b>	---	---	---	---	---	---	---	---	---	---	---	---

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