Water-Data Report 2012

645434147385101 Local number FB00100113DDBC2001 50673., AK

Quartz-Mica Schist of Pre-Jurassic Age

Fairbanks North Star Borough, AK

LOCATION.--Lat 64°54′34″, long 147°38′51″ referenced to North American Datum of 1927, in NW ¼ SE ¼ SE ¼ sec.13, T.1 N., R.1 W., Fairbanks North Star Borough, AK, Hydrologic Unit 19040506, (Fairbanks D-2 NE quad), Faibanks Meridian, in road right-of-way at 2.3 mi McGrath Road, off Farmers'Loop Road near Fairbanks. Owner: U.S. Geological Survey.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 98.5 ft. Upper casing diameter 6.00 in; top of first opening 88.5 ft, bottom of last opening 100 ft.

DATUM.--Land-surface datum is 740 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing 1.00 ft above land-surface datum.

PERIOD OF RECORD.--June 1983 to current year.

GAGE.--Digital recorder, from October 1983 to June 1995. Electronic data logger from June 1995 to May 1996. Digital recorder, from May 1996 to September 1997. Electronic data logger from October 1997 to present.

REMARKS.--Observation well drilled by the U.S. Geological Survey, designated as McGrath Well, replaces old McGrath Estates well, 645429147383801.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 39.13 ft below land-surface datum, October 28, 1983; lowest, 44.85 ft below land-surface datum, July 3, 1990.

EXTREMES FOR CURRENT YEAR.--Highest water level measured, 42.41 ft below land-surface datum, November 12, 2011; lowest, 43.53 ft below land-surface datum, March 31, 2012.

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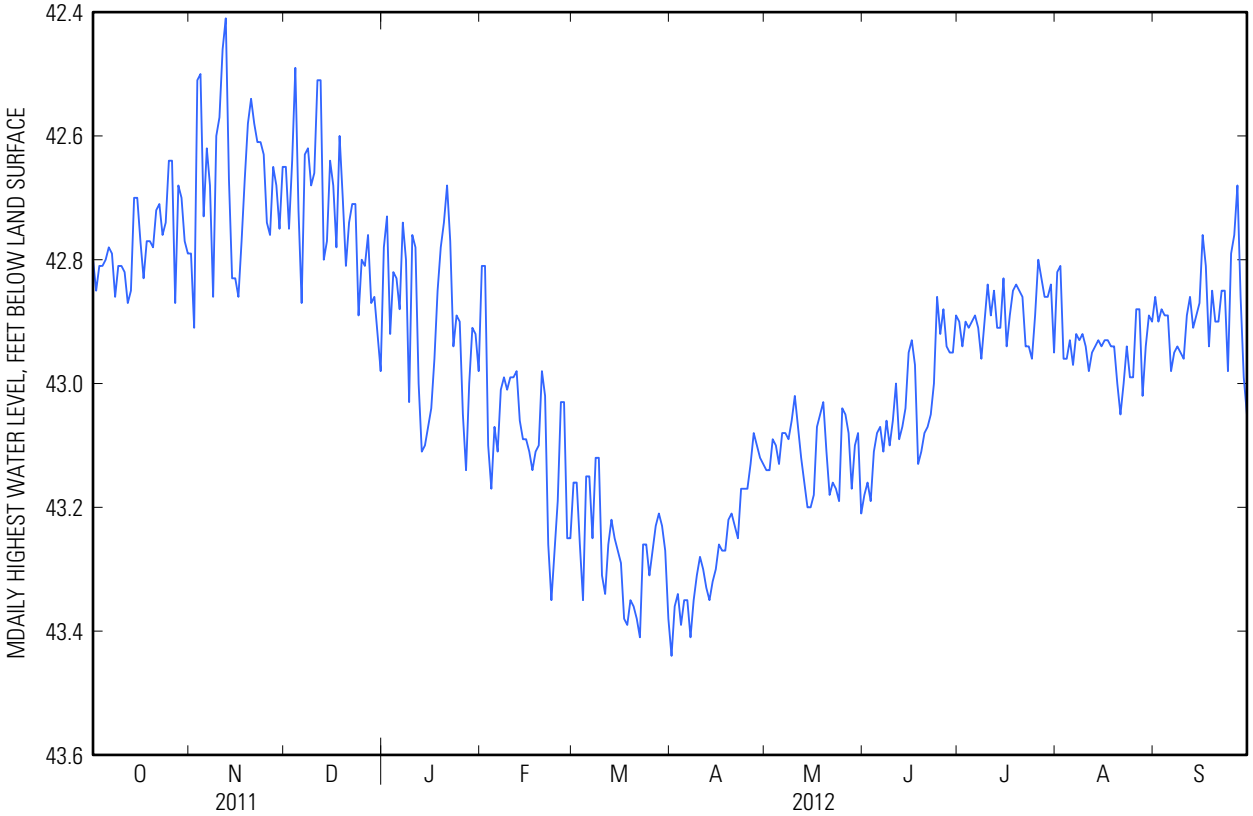
DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
DAILY HIGHEST WATER LEVEL

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	42.80	42.79	42.65	42.78	42.81	43.16	43.44	43.14	43.18	42.90	42.82	42.86
2	42.85	42.91	42.75	42.73	42.81	43.16	43.36	43.14	43.16	42.94	42.81	42.90
3	42.81	42.51	42.64	42.92	43.10	43.26	43.34	43.09	43.19	42.90	42.96	42.88
4	42.81	42.50	42.49	42.82	43.17	43.35	43.39	43.10	43.11	42.91	42.96	42.89
5	42.80	42.73	42.72	42.83	43.07	43.15	43.35	43.13	43.08	42.90	42.93	42.89
6	42.78	42.62	42.87	42.88	43.11	43.15	43.35	43.08	43.07	42.89	42.97	42.98
7	42.79	42.68	42.63	42.74	43.01	43.25	43.41	43.08	43.11	42.91	42.92	42.95
8	42.86	42.86	42.62	42.80	42.99	43.12	43.35	43.09	43.06	42.96	42.93	42.94
9	42.81	42.60	42.68	43.03	43.01	43.12	43.31	43.06	43.10	42.90	42.92	42.95
10	42.81	42.57	42.66	42.76	42.99	43.31	43.28	43.02	43.06	42.84	42.94	42.96
11	42.82	42.46	42.51	42.78	42.99	43.34	43.30	43.07	43.00	42.89	42.98	42.89
12	42.87	42.41	42.51	43.00	42.98	43.26	43.33	43.12	43.09	42.85	42.95	42.86
13	42.85	42.67	42.80	43.11	43.06	43.22	43.35	43.16	43.07	42.91	42.94	42.91
14	42.70	42.83	42.77	43.10	43.09	43.25	43.32	43.20	43.04	42.91	42.93	42.89
15	42.70	42.83	42.64	43.07	43.09	43.27	43.30	43.20	42.95	42.83	42.94	42.87
16	42.77	42.86	42.68	43.04	43.11	43.29	43.26	43.18	42.93	42.94	42.93	42.76
17	42.83	42.77	42.78	42.96	43.14	43.38	43.27	43.07	42.97	42.89	42.93	42.81
18	42.77	42.67	42.60	42.85	43.11	43.39	43.27	43.05	43.13	42.85	42.94	42.94
19	42.77	42.58	42.70	42.78	43.10	43.35	43.22	43.03	43.11	42.84	42.94	42.85
20	42.78	42.54	42.81	42.74	42.98	43.36	43.21	43.11	43.08	42.85	43.00	42.90
21	42.72	42.58	42.74	42.68	43.02	43.38	43.23	43.18	43.07	42.86	43.05	42.90
22	42.71	42.61	42.71	42.77	43.26	43.41	43.25	43.16	43.05	42.94	43.00	42.85
23	42.76	42.61	42.71	42.94	43.35	43.26	43.17	43.17	43.00	42.94	42.94	42.85
24	42.74	42.63	42.89	42.89	43.27	43.26	43.17	43.19	42.86	42.96	42.99	42.98
25	42.64	42.74	42.80	42.90	43.19	43.31	43.17	43.04	42.92	42.89	42.99	42.79
26	42.64	42.76	42.81	43.05	43.03	43.27	43.13	43.05	42.88	42.80	42.88	42.76
27	42.87	42.65	42.76	43.14	43.03	43.23	43.08	43.08	42.94	42.83	42.88	42.68
28	42.68	42.68	42.87	43.00	43.25	43.21	43.10	43.17	42.95	42.86	43.02	42.86
29	42.70	42.75	42.86	42.91	43.25	43.23	43.12	43.10	42.95	42.86	42.94	42.99
30	42.77	42.65	42.92	42.92	---	43.27	43.13	43.08	42.89	42.84	42.89	43.05
31	42.79	---	42.98	42.98	---	43.38	---	43.21	---	42.95	42.90	---
Mean	42.77	42.67	42.73	42.90	43.08	43.27	43.27	43.11	43.03	42.89	42.94	42.89
Max	42.87	42.91	42.98	43.14	43.35	43.41	43.44	43.21	43.19	42.96	43.05	43.05
Min	42.64	42.41	42.49	42.68	42.81	43.12	43.08	43.02	42.86	42.80	42.81	42.68

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