

Water-Data Report 2013

594800150521200 BRADLEY RIVER ABOVE SLOUGH AT CANYON MOUTH NEAR HOMER AK

Kenai Peninsula Basin
Lower Kenai Peninsula Subbasin

LOCATION.--Lat 59°48'00", long 150°52'12" referenced to North American Datum of 1927, Kenai Peninsula Borough, AK, Hydrologic Unit 19020301.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Discrete conductance samples were obtained in 1991.

PERIOD OF DAILY RECORD.--Intragravel temperature intermittently obtained Oct. 2010 to present

INSTRUMENTATION.--Onset hobo self logging water temperature intragravel probes are installed 25 cm below the stream bed near the edge of water on the right bank.

EXTREMES FOR PERIOD OF RECORD.--2013 (full year) Max: 11.0°C on Aug. 2-4, 2011 Min: 0.1°C many days during winter.

EXTREMES FOR CURRENT YEAR.--2013 (full year) Max: 11.0°C on Aug. 2-4, 2013 Min: 0.5°C many days during winter.

594800150521200 BRADLEY RIVER ABOVE SLOUGH AT CANYON MOUTH NEAR HOMER AK—Continued

TEMPERATURE, INTRAGRAVEL WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	---	---	---	1.6	1.2	1.4	0.1	0.1	0.1	0.6	0.4	0.5
2	---	---	---	1.9	1.6	1.7	0.1	0.1	0.1	0.8	0.6	0.7
3	---	---	---	2.0	1.2	1.7	0.5	0.1	0.3	1.1	0.8	1.0
4	---	---	---	1.4	1.1	1.2	0.8	0.5	0.7	1.1	1.0	1.1
5	---	---	---	1.7	1.4	1.5	0.8	0.5	0.7	1.0	1.0	1.0
6	---	---	---	1.5	0.9	1.1	1.0	0.5	0.8	1.0	0.5	0.9
7	---	---	---	1.2	0.9	1.0	1.2	1.0	1.1	0.5	0.1	0.3
8	---	---	---	1.2	1.1	1.1	1.0	0.6	0.8	0.1	0.1	0.1
9	---	---	---	1.1	0.7	0.9	0.6	0.5	0.6	0.1	0.1	0.1
10	---	---	---	1.5	0.5	0.8	0.5	0.3	0.4	0.1	0.1	0.1
11	---	---	---	2.2	1.5	1.9	0.4	0.2	0.3	0.1	0.1	0.1
12	---	---	---	2.7	2.2	2.4	0.2	0.1	0.1	0.1	0.1	0.1
13	---	---	---	2.7	2.7	2.7	0.1	0.1	0.1	0.1	0.1	0.1
14	2.2	1.5	1.9	2.8	2.7	2.7	0.2	0.1	0.2	0.1	0.1	0.1
15	2.7	2.2	2.4	2.7	1.3	2.0	0.3	0.2	0.3	0.1	0.1	0.1
16	4.1	2.7	3.5	1.3	0.5	0.8	0.4	0.3	0.3	0.1	0.1	0.1
17	4.4	4.1	4.3	0.9	0.5	0.8	0.4	0.4	0.4	0.2	0.1	0.1
18	4.8	4.3	4.6	1.0	0.9	1.0	0.6	0.4	0.5	0.2	0.1	0.2
19	4.8	4.6	4.7	1.1	1.0	1.0	0.6	0.5	0.6	0.3	0.2	0.2
20	4.6	4.4	4.5	1.8	1.0	1.4	0.5	0.2	0.3	0.2	0.1	0.2
21	4.6	4.1	4.4	2.0	1.8	1.9	0.2	0.2	0.2	0.3	0.2	0.2
22	4.4	4.0	4.2	2.6	2.0	2.4	0.2	0.2	0.2	0.3	0.2	0.2
23	4.3	3.7	4.1	2.6	2.4	2.6	0.2	0.2	0.2	0.3	0.2	0.3
24	3.9	3.7	3.8	2.4	2.2	2.2	0.2	0.2	0.2	0.4	0.3	0.4
25	4.0	3.4	3.8	2.2	1.5	1.9	0.2	0.2	0.2	0.4	0.4	0.4
26	3.4	2.9	3.2	1.5	0.6	1.0	0.3	0.2	0.2	0.4	0.2	0.4
27	3.1	2.9	3.0	0.8	0.6	0.7	0.3	0.2	0.3	0.3	0.2	0.2
28	3.0	2.6	2.9	0.7	0.1	0.3	0.3	0.3	0.3	0.5	0.3	0.4
29	2.6	1.9	2.3	0.1	0.1	0.1	0.4	0.3	0.4	0.6	0.5	0.6
30	1.9	1.3	1.6	0.1	0.1	0.1	0.4	0.4	0.4	0.8	0.6	0.7
31	1.3	1.1	1.2	---	---	---	0.5	0.4	0.4	0.9	0.7	0.8
Month	---	---	---	2.8	0.1	1.4	1.2	0.1	0.4	1.1	0.1	0.4

594800150521200 BRADLEY RIVER ABOVE SLOUGH AT CANYON MOUTH NEAR HOMER AK—Continued

TEMPERATURE, INTRAGRAVEL WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	0.7	0.5	0.6	0.2	0.1	0.2	1.2	0.9	1.1	---	---	---
2	0.5	0.4	0.5	0.2	0.1	0.1	1.0	0.9	0.9	---	---	---
3	0.5	0.4	0.4	0.2	0.1	0.2	1.3	0.8	1.0	---	---	---
4	0.4	0.1	0.3	0.2	0.2	0.2	1.7	1.2	1.4	---	---	---
5	0.3	0.1	0.2	0.2	0.2	0.2	1.4	0.9	1.0	---	---	---
6	0.8	0.3	0.6	0.3	0.2	0.2	1.0	0.5	0.8	---	---	---
7	0.9	0.7	0.8	0.3	0.3	0.3	0.9	0.5	0.6	---	---	---
8	1.0	0.7	0.8	0.3	0.2	0.2	1.6	0.8	1.2	---	---	---
9	1.2	1.0	1.1	0.2	0.2	0.2	1.5	1.1	1.3	---	---	---
10	1.0	0.6	0.9	0.2	0.2	0.2	1.4	1.1	1.2	---	---	---
11	0.6	0.1	0.3	0.2	0.2	0.2	1.2	0.9	1.1	---	---	---
12	0.1	0.1	0.1	0.2	0.2	0.2	1.7	0.9	1.3	---	---	---
13	0.1	0.1	0.1	0.2	0.2	0.2	1.5	0.8	1.1	---	---	---
14	0.1	0.1	0.1	0.2	0.2	0.2	1.6	0.7	1.2	---	---	---
15	0.1	0.1	0.1	0.3	0.2	0.3	1.6	0.9	1.2	---	---	---
16	0.2	0.1	0.2	0.3	0.3	0.3	1.7	0.9	1.3	---	---	---
17	0.2	0.2	0.2	0.4	0.3	0.4	1.7	0.9	1.3	---	---	---
18	0.2	0.2	0.2	0.4	0.3	0.4	1.8	1.0	1.4	---	---	---
19	0.2	0.1	0.2	0.4	0.3	0.3	---	---	---	---	---	---
20	0.2	0.1	0.2	0.5	0.4	0.4	---	---	---	---	---	---
21	0.2	0.2	0.2	0.8	0.5	0.6	---	---	---	---	---	---
22	0.2	0.1	0.1	0.9	0.7	0.8	---	---	---	---	---	---
23	0.2	0.1	0.2	1.0	0.7	0.9	---	---	---	---	---	---
24	0.2	0.2	0.2	1.1	0.9	1.0	---	---	---	---	---	---
25	0.3	0.2	0.3	1.0	0.7	0.9	---	---	---	---	---	---
26	0.2	0.1	0.2	1.0	0.7	0.9	---	---	---	---	---	---
27	0.2	0.1	0.1	1.0	0.7	0.9	---	---	---	---	---	---
28	0.2	0.1	0.2	0.9	0.6	0.7	---	---	---	---	---	---
29	---	---	---	1.3	0.6	0.9	---	---	---	---	---	---
30	---	---	---	1.6	1.1	1.3	---	---	---	---	---	---
31	---	---	---	1.5	1.2	1.3	---	---	---	---	---	---
Month	1.2	0.1	0.3	1.6	0.1	0.5	---	---	---	---	---	---

594800150521200 BRADLEY RIVER ABOVE SLOUGH AT CANYON MOUTH NEAR HOMER AK—Continued

TEMPERATURE, INTRAGRAVEL WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

594800150521200 BRADLEY RIVER ABOVE SLOUGH AT CANYON MOUTH NEAR HOMER AK—Continued

TEMPERATURE, INTRAGRAVEL WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	---	---	---	2.3	1.5	2.0	0.8	0.7	0.8	0.4	0.4	0.4
2	---	---	---	1.5	1.2	1.2	1.2	0.8	1.0	0.4	0.4	0.4
3	---	---	---	1.3	1.1	1.2	1.4	1.2	1.3	0.4	0.3	0.4
4	---	---	---	1.6	1.2	1.4	1.4	0.9	1.1	0.5	0.4	0.4
5	---	---	---	1.7	1.2	1.5	1.0	0.7	0.8	0.4	0.2	0.3
6	---	---	---	1.3	1.1	1.2	0.7	0.6	0.7	0.3	0.2	0.2
7	---	---	---	1.3	0.8	1.1	1.0	0.6	0.9	0.4	0.3	0.3
8	---	---	---	0.8	0.1	0.3	1.3	1.0	1.2	0.5	0.4	0.5
9	---	---	---	0.2	0.1	0.1	1.4	1.3	1.4	0.5	0.4	0.5
10	---	---	---	0.5	0.1	0.2	1.4	1.0	1.2	0.4	0.4	0.4
11	---	---	---	1.3	0.5	1.0	1.1	0.9	1.0	0.4	0.4	0.4
12	---	---	---	1.6	1.3	1.5	1.1	1.0	1.0	0.4	0.3	0.4
13	2.9	1.9	2.1	1.8	1.3	1.6	1.0	0.3	0.7	0.3	0.3	0.3
14	4.1	2.9	3.6	1.3	1.0	1.1	0.6	0.3	0.5	0.3	0.3	0.3
15	4.4	4.1	4.3	1.2	0.9	1.1	0.9	0.6	0.8	0.3	0.3	0.3
16	4.5	4.4	4.4	0.9	0.3	0.5	1.1	0.9	1.0	0.3	0.3	0.3
17	4.5	4.4	4.4	0.4	0.3	0.4	1.2	1.1	1.1	0.3	0.3	0.3
18	4.4	4.2	4.3	0.4	0.4	0.4	1.2	0.9	1.0	0.3	0.3	0.3
19	4.2	3.6	4.0	0.4	0.3	0.4	1.2	1.0	1.1	0.3	0.3	0.3
20	3.6	2.9	3.1	0.3	0.2	0.3	1.1	0.9	1.0	0.3	0.3	0.3
21	3.7	3.0	3.4	0.3	0.2	0.2	0.9	0.8	0.9	0.3	0.3	0.3
22	3.7	3.2	3.5	0.3	0.2	0.3	0.8	0.5	0.6	0.3	0.3	0.3
23	3.7	3.2	3.5	0.3	0.3	0.3	0.5	0.4	0.4	0.3	0.3	0.3
24	4.0	3.7	3.8	0.3	0.3	0.3	0.4	0.3	0.4	0.3	0.3	0.3
25	4.2	3.8	4.0	0.6	0.3	0.4	0.4	0.3	0.4	0.3	0.3	0.3
26	3.8	3.0	3.4	0.5	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3
27	3.0	2.7	2.8	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3
28	3.0	2.8	2.9	0.6	0.4	0.5	0.4	0.4	0.4	0.3	0.3	0.3
29	2.9	2.6	2.8	0.6	0.5	0.6	0.4	0.4	0.4	0.3	0.3	0.3
30	2.9	2.5	2.6	0.7	0.6	0.6	0.4	0.4	0.4	0.3	0.3	0.3
31	2.9	2.3	2.6	---	---	---	0.4	0.4	0.4	0.3	0.3	0.3
Month	---	---	---	2.3	0.1	0.8	1.4	0.3	0.8	0.5	0.2	0.3

594800150521200 BRADLEY RIVER ABOVE SLOUGH AT CANYON MOUTH NEAR HOMER AK—Continued

TEMPERATURE, INTRAGRAVEL WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	0.4	0.3	0.3	0.2	0.2	0.2	1.2	1.0	1.1	2.1	1.8	1.9
2	0.3	0.3	0.3	0.3	0.2	0.2	1.3	1.0	1.1	2.0	1.7	1.8
3	0.3	0.3	0.3	0.3	0.2	0.3	1.2	0.7	1.0	1.9	1.7	1.8
4	0.3	0.2	0.3	0.3	0.2	0.2	1.0	0.7	0.9	2.3	1.9	2.0
5	0.4	0.3	0.3	0.3	0.2	0.2	1.1	0.8	1.0	2.3	2.1	2.2
6	0.4	0.4	0.4	0.3	0.2	0.3	0.9	0.7	0.7	2.4	2.2	2.3
7	0.4	0.4	0.4	0.3	0.3	0.3	1.0	0.8	0.9	2.6	1.9	2.2
8	0.5	0.4	0.4	0.3	0.2	0.3	1.2	0.8	1.0	3.0	1.9	2.4
9	0.5	0.4	0.4	0.2	0.2	0.2	1.1	0.9	1.0	2.9	2.1	2.4
10	0.4	0.4	0.4	0.3	0.2	0.2	1.2	0.8	1.0	2.3	1.8	2.0
11	0.5	0.4	0.4	0.3	0.2	0.2	1.2	0.7	1.0	2.2	1.9	2.0
12	0.5	0.4	0.5	0.2	0.2	0.2	1.2	0.8	1.1	2.2	1.7	1.9
13	0.5	0.4	0.4	0.2	0.2	0.2	1.5	1.0	1.2	2.2	1.7	2.0
14	0.5	0.4	0.4	0.3	0.2	0.2	1.5	1.1	1.3	2.7	1.8	2.1
15	0.4	0.4	0.4	0.3	0.3	0.3	1.4	1.2	1.3	2.8	1.9	2.3
16	0.5	0.4	0.4	0.4	0.3	0.3	1.4	1.3	1.3	2.8	2.0	2.4
17	0.4	0.4	0.4	0.3	0.3	0.3	1.5	1.3	1.4	2.7	2.1	2.4
18	0.5	0.4	0.4	0.4	0.3	0.4	1.5	1.4	1.5	2.7	2.2	2.5
19	0.6	0.5	0.5	0.4	0.3	0.3	1.6	1.5	1.5	2.8	2.3	2.6
20	0.6	0.5	0.6	0.3	0.3	0.3	1.7	1.4	1.6	2.8	2.5	2.7
21	0.6	0.6	0.6	0.4	0.3	0.3	1.8	1.6	1.6	2.9	2.5	2.6
22	0.6	0.5	0.6	0.3	0.2	0.2	1.7	1.6	1.7	3.1	2.6	2.8
23	0.6	0.4	0.5	0.3	0.2	0.2	1.8	1.6	1.7	3.1	2.3	2.7
24	0.4	0.3	0.4	0.4	0.2	0.3	1.7	1.5	1.6	3.3	2.3	2.8
25	0.3	0.2	0.2	0.4	0.3	0.3	1.7	1.5	1.5	3.2	2.7	2.9
26	0.4	0.2	0.3	0.4	0.3	0.3	1.8	1.7	1.7	3.4	2.4	2.8
27	0.4	0.4	0.4	0.6	0.3	0.5	1.8	1.7	1.8	3.4	2.7	3.0
28	0.4	0.2	0.3	0.8	0.6	0.6	1.9	1.8	1.8	3.4	2.7	3.0
29	0.2	0.2	0.2	1.0	0.8	0.9	2.0	1.8	1.9	3.3	2.8	3.0
30	---	---	---	1.1	0.9	1.0	2.1	1.8	1.9	3.3	2.8	3.0
31	---	---	---	1.2	0.9	1.1	---	---	---	3.2	2.9	3.0
Month	0.6	0.2	0.4	1.2	0.2	0.3	2.1	0.7	1.3	3.4	1.7	2.4

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TEMPERATURE, INTRAGRAVEL WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	3.4	3.0	3.1	5.9	5.4	5.6	7.9	7.6	7.7	8.3	8.1	8.2
2	3.7	3.0	3.3	5.7	5.3	5.5	7.7	7.3	7.5	8.1	7.7	7.8
3	3.7	3.3	3.5	5.7	5.5	5.6	7.8	7.1	7.5	8.1	7.9	8.0
4	3.9	3.1	3.4	5.7	5.2	5.4	7.9	7.4	7.6	8.1	7.8	7.9
5	4.1	3.0	3.5	5.5	5.2	5.3	7.5	7.1	7.3	7.8	7.6	7.7
6	4.0	3.2	3.5	5.7	5.0	5.3	7.7	7.3	7.5	7.7	7.4	7.5
7	4.0	3.3	3.5	5.7	5.3	5.5	8.0	7.3	7.6	7.6	7.3	7.4
8	4.3	3.3	3.8	6.0	5.1	5.5	8.1	7.7	7.9	7.4	7.2	7.3
9	4.2	3.5	3.8	6.0	5.2	5.6	8.2	7.7	8.0	7.4	7.0	7.2
10	3.8	3.4	3.6	6.3	5.2	5.7	8.3	8.1	8.2	7.2	6.8	7.0
11	4.2	3.5	3.7	6.3	5.7	6.0	8.4	7.8	8.1	7.2	7.0	7.1
12	4.2	3.8	3.9	5.7	5.2	5.3	8.4	7.9	8.2	7.4	7.2	7.2
13	4.0	3.6	3.8	5.8	5.1	5.3	8.7	8.1	8.3	7.4	7.2	7.3
14	4.2	3.6	3.8	6.1	5.6	5.8	8.9	8.4	8.6	7.5	7.3	7.4
15	4.4	3.6	3.9	6.1	5.7	5.9	8.9	8.6	8.8	7.6	7.5	7.5
16	4.7	3.7	4.1	6.3	5.6	5.8	8.8	8.4	8.6	7.6	7.2	7.4
17	5.4	4.0	4.5	6.8	5.6	6.1	8.7	8.3	8.5	7.2	6.4	6.7
18	5.3	4.2	4.7	7.1	6.1	6.6	8.7	8.0	8.3	6.7	6.4	6.5
19	5.4	4.2	4.7	7.4	6.6	7.0	8.6	8.2	8.3	7.2	6.7	6.9
20	5.3	4.5	4.8	7.5	7.0	7.2	8.7	8.4	8.5	7.5	7.2	7.3
21	5.7	4.4	4.9	7.5	7.1	7.3	8.4	8.1	8.2	7.5	6.8	7.1
22	5.7	4.7	5.2	7.1	6.5	6.7	8.3	8.0	8.1	7.6	7.2	7.5
23	5.9	4.8	5.4	6.9	6.7	6.8	8.4	8.2	8.2	7.5	7.0	7.2
24	5.8	5.1	5.4	6.9	6.4	6.6	8.4	8.1	8.2	7.0	6.4	6.6
25	5.2	4.6	4.8	7.7	6.7	7.0	8.5	8.2	8.2	7.0	6.7	6.8
26	5.0	4.4	4.6	7.8	7.0	7.4	8.5	8.0	8.2	7.2	6.8	7.1
27	5.1	4.5	4.8	8.0	7.3	7.6	8.6	8.3	8.5	6.9	6.8	6.8
28	5.1	4.8	4.9	8.1	7.4	7.8	8.6	7.8	8.1	6.9	5.7	6.5
29	5.4	4.7	4.9	8.1	7.6	7.8	8.2	7.8	8.0	5.7	4.2	4.7
30	5.8	4.9	5.3	7.8	7.3	7.5	8.4	8.2	8.3	4.3	3.0	3.4
31	---	---	---	7.8	7.1	7.4	8.4	8.2	8.3	---	---	---
Month	5.9	3.0	4.2	8.1	5.0	6.3	8.9	7.1	8.1	8.3	3.0	7.0

594800150521200 BRADLEY RIVER ABOVE SLOUGH AT CANYON MOUTH NEAR HOMER AK—Continued

TEMPERATURE, INTRAGRAVEL WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	4.0	3.2	3.5	2.4	2.3	2.3	0.7	0.7	0.7	1.1	1.0	1.1
2	4.7	4.0	4.4	2.4	2.3	2.4	0.7	0.7	0.7	1.1	1.1	1.1
3	5.5	4.6	4.8	2.6	2.4	2.5	0.7	0.7	0.7	1.1	0.9	1.0
4	6.7	5.5	6.2	2.6	2.5	2.6	0.7	0.7	0.7	1.2	1.0	1.1
5	6.7	6.0	6.2	2.5	2.2	2.3	0.7	0.7	0.7	1.3	1.2	1.2
6	6.2	5.9	6.1	2.2	2.1	2.2	0.7	0.7	0.7	1.3	1.3	1.3
7	6.9	6.0	6.4	2.1	1.8	2.0	0.7	0.7	0.7	1.3	1.2	1.3
8	6.9	6.1	6.5	2.1	1.8	1.9	0.7	0.6	0.7	1.3	1.2	1.3
9	6.4	5.8	6.0	2.5	2.1	2.3	0.6	0.6	0.6	1.3	1.1	1.2
10	6.0	5.1	5.4	2.7	2.5	2.6	0.9	0.6	0.7	1.2	1.1	1.1
11	5.3	4.7	4.9	2.7	2.6	2.7	1.0	0.9	1.0	1.3	1.2	1.2
12	4.8	4.1	4.4	2.7	2.6	2.6	1.2	1.0	1.1	1.4	1.3	1.3
13	4.1	3.8	3.9	2.7	2.6	2.6	1.3	1.2	1.3	1.6	1.4	1.5
14	3.9	3.8	3.8	2.7	2.6	2.7	1.3	1.3	1.3	1.5	1.4	1.5
15	3.9	3.6	3.8	2.7	2.6	2.7	1.3	1.0	1.2	1.4	1.0	1.2
16	3.6	2.9	3.2	2.6	2.3	2.5	1.0	0.7	0.9	1.1	1.0	1.0
17	2.9	2.4	2.6	2.3	1.5	2.0	0.7	0.7	0.7	1.1	0.9	1.0
18	---	---	---	1.5	1.2	1.3	0.7	0.6	0.6	0.9	0.7	0.7
19	---	---	---	1.4	1.3	1.3	0.6	0.6	0.6	0.8	0.6	0.7
20	2.4	2.1	2.3	1.3	1.2	1.2	0.6	0.6	0.6	1.1	0.8	1.0
21	2.5	2.4	2.5	1.2	1.0	1.1	0.6	0.6	0.6	1.2	1.1	1.2
22	2.5	2.4	2.5	1.0	0.9	0.9	0.6	0.6	0.6	1.5	1.2	1.4
23	2.4	2.3	2.4	1.1	0.9	1.0	0.6	0.5	0.6	1.6	1.5	1.5
24	2.3	2.3	2.3	1.2	1.0	1.1	0.6	0.5	0.5	1.6	1.6	1.6
25	2.4	2.3	2.3	1.0	1.0	1.0	0.6	0.5	0.5	1.6	1.4	1.5
26	2.4	2.3	2.4	1.0	0.8	0.9	0.6	0.6	0.6	1.4	0.9	1.1
27	2.4	2.3	2.3	0.9	0.8	0.8	0.6	0.6	0.6	0.9	0.8	0.8
28	2.3	2.2	2.2	0.9	0.8	0.8	0.9	0.6	0.7	0.8	0.7	0.7
29	2.4	2.3	2.3	0.8	0.8	0.8	1.0	0.9	0.9	0.7	0.6	0.6
30	2.5	2.4	2.5	0.8	0.7	0.7	1.1	0.9	1.1	0.6	0.6	0.6
31	2.5	2.3	2.4	---	---	---	1.1	0.9	0.9	0.6	0.5	0.6
Month	---	---	---	2.7	0.7	1.8	1.3	0.5	0.8	1.6	0.5	1.1

594800150521200 BRADLEY RIVER ABOVE SLOUGH AT CANYON MOUTH NEAR HOMER AK—Continued

TEMPERATURE, INTRAGRAVEL WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	0.6	0.5	0.5	1.5	1.5	1.5	1.5	1.3	1.4	2.0	1.8	1.9
2	0.9	0.6	0.7	1.5	1.3	1.4	1.5	1.4	1.4	2.1	1.9	2.0
3	1.2	0.9	1.0	1.5	1.4	1.4	1.5	1.4	1.4	2.2	2.1	2.1
4	1.3	1.2	1.2	1.6	1.5	1.5	1.5	1.4	1.5	2.2	1.9	2.0
5	1.3	1.3	1.3	1.6	1.6	1.6	1.5	1.3	1.4	2.2	1.8	1.9
6	1.3	1.2	1.3	1.7	1.6	1.6	1.4	1.4	1.4	2.3	1.8	2.0
7	1.2	1.2	1.2	1.8	1.6	1.7	1.5	1.2	1.3	2.3	2.0	2.1
8	1.2	1.2	1.2	1.6	1.5	1.5	1.2	0.9	1.0	2.5	2.0	2.2
9	1.3	1.2	1.3	1.6	1.5	1.5	0.9	0.8	0.9	2.5	2.1	2.3
10	1.4	1.3	1.4	1.6	1.5	1.6	0.8	0.7	0.8	2.5	2.0	2.2
11	1.4	1.2	1.3	1.6	1.5	1.5	0.7	0.6	0.6	2.5	2.2	2.3
12	1.2	1.2	1.2	1.5	1.2	1.4	0.6	0.6	0.6	2.3	2.0	2.1
13	1.3	1.2	1.2	1.2	0.8	1.1	0.6	0.6	0.6	2.2	2.0	2.1
14	1.3	1.3	1.3	0.8	0.7	0.7	0.7	0.6	0.6	2.1	1.9	2.0
15	1.4	1.3	1.3	0.8	0.7	0.7	0.9	0.7	0.7	2.0	1.8	1.9
16	1.3	0.9	1.1	0.9	0.7	0.8	0.9	0.8	0.9	2.1	2.0	2.0
17	1.0	0.9	1.0	0.8	0.7	0.7	1.0	0.9	0.9	2.2	1.9	2.1
18	1.0	0.8	0.9	0.8	0.7	0.7	1.0	0.9	1.0	2.2	1.9	2.0
19	0.8	0.6	0.7	0.7	0.6	0.7	1.1	1.0	1.0	2.3	1.7	1.9
20	0.9	0.6	0.7	0.6	0.5	0.5	1.2	1.1	1.2	2.4	1.9	2.1
21	1.0	0.9	1.0	0.5	0.5	0.5	1.3	1.2	1.3	2.7	2.3	2.4
22	1.0	1.0	1.0	0.6	0.5	0.5	1.5	1.3	1.3	2.9	2.5	2.7
23	1.0	0.9	1.0	0.9	0.6	0.8	1.7	1.5	1.6	2.8	2.4	2.6
24	1.1	1.0	1.1	1.0	0.9	0.9	1.9	1.7	1.8	2.7	2.3	2.5
25	1.2	1.1	1.1	1.0	0.8	0.9	1.9	1.8	1.8	2.7	2.2	2.5
26	1.4	1.2	1.3	0.8	0.6	0.7	1.9	1.7	1.8	2.7	2.2	2.5
27	1.4	1.4	1.4	0.6	0.5	0.6	1.8	1.6	1.7	3.0	2.5	2.7
28	1.5	1.4	1.4	0.6	0.5	0.5	1.8	1.6	1.7	3.1	2.4	2.7
29	---	---	---	0.9	0.6	0.7	1.8	1.6	1.7	3.2	2.6	2.9
30	---	---	---	1.2	0.9	1.0	1.9	1.7	1.8	3.3	2.7	3.0
31	---	---	---	1.3	1.2	1.2	---	---	---	3.5	2.9	3.2
Month	1.5	0.5	1.1	1.8	0.5	1.0	1.9	0.6	1.2	3.5	1.7	2.3

594800150521200 BRADLEY RIVER ABOVE SLOUGH AT CANYON MOUTH NEAR HOMER AK—Continued

TEMPERATURE, INTRAGRAVEL WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	3.4	3.0	3.2	7.8	7.2	7.4	10.7	10.1	10.4	9.4	9.1	9.2
2	3.7	3.0	3.2	7.2	6.8	7.0	11.0	10.5	10.7	9.7	9.4	9.6
3	3.7	3.3	3.4	7.3	7.0	7.1	11.0	10.9	11.0	9.7	9.5	9.6
4	3.7	3.3	3.4	7.6	7.1	7.3	11.0	10.8	10.9	9.7	9.5	9.5
5	3.9	3.2	3.5	7.7	7.3	7.5	10.9	10.5	10.6	9.5	9.1	9.2
6	4.2	3.4	3.7	7.5	7.3	7.4	10.7	10.5	10.5	9.4	9.1	9.2
7	4.6	3.7	4.0	7.6	7.2	7.4	10.9	10.7	10.7	9.4	9.2	9.3
8	4.8	4.0	4.3	7.5	7.1	7.3	10.9	10.3	10.6	9.2	8.9	9.1
9	5.0	4.1	4.5	7.8	7.1	7.4	10.5	10.3	10.3	9.2	8.9	9.0
10	5.1	4.2	4.7	8.0	7.3	7.6	10.5	10.1	10.2	9.3	9.1	9.2
11	5.4	4.4	4.8	8.4	7.6	7.9	10.2	9.7	9.9	9.3	8.8	9.0
12	5.6	4.6	5.0	8.8	8.1	8.3	9.9	9.5	9.7	8.9	8.4	8.6
13	5.8	4.9	5.3	9.0	8.4	8.6	10.0	9.8	9.9	8.7	8.4	8.5
14	6.0	4.9	5.4	9.5	8.9	9.1	10.0	9.5	9.7	8.7	8.6	8.7
15	6.4	5.3	5.7	9.6	8.8	9.2	9.7	9.2	9.4	8.7	8.6	8.7
16	6.6	5.5	6.0	9.5	8.9	9.1	9.6	9.5	9.5	8.6	8.4	8.5
17	7.0	5.8	6.3	9.5	9.0	9.2	9.8	9.6	9.7	8.5	8.3	8.4
18	7.2	6.2	6.7	9.7	9.0	9.2	9.8	9.3	9.5	8.4	8.4	8.4
19	7.1	6.0	6.3	9.8	9.4	9.5	9.8	9.4	9.5	8.4	8.2	8.3
20	6.6	5.8	6.1	9.6	9.0	9.2	10.1	9.8	9.9	8.2	7.9	8.0
21	6.6	6.0	6.2	9.6	8.9	9.2	10.1	10.0	10.1	7.9	7.8	7.8
22	6.3	5.9	6.1	9.7	9.0	9.4	10.1	10.0	10.1	7.8	7.4	7.6
23	6.2	6.0	6.1	9.8	9.3	9.5	10.1	9.9	10.0	7.4	6.8	7.0
24	6.8	6.0	6.2	10.2	9.3	9.7	10.1	9.4	9.7	6.8	6.2	6.4
25	6.9	6.4	6.6	10.4	9.9	10.1	9.8	9.1	9.4	6.9	6.6	6.8
26	7.1	6.6	6.8	10.5	10.3	10.4	9.6	9.2	9.4	7.1	6.9	7.0
27	7.7	6.8	7.1	10.3	9.9	10.1	9.6	9.3	9.4	7.1	6.9	7.0
28	7.8	7.5	7.6	10.5	9.9	10.1	9.6	9.2	9.4	6.9	6.3	6.6
29	8.0	7.3	7.5	10.5	10.1	10.3	9.6	9.5	9.5	6.6	6.4	6.5
30	8.0	7.7	7.8	10.5	9.8	10.1	9.7	9.3	9.5	6.4	5.9	6.2
31	---	---	---	10.6	10.0	10.2	9.7	9.2	9.3	---	---	---
Month	8.0	3.0	5.5	10.6	6.8	8.8	11.0	9.1	9.9	9.7	5.9	8.2