

SOUTHEAST ALASKA

15057580 KAHTAHEENA RIVER ABOVE UPPER FALLS NEAR GUSTAVUS

WATER-QUALITY RECORDS

PERIOD OF RECORD.-- October 1999 to September 2004 (discontinued).

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: October 1999 to September 2004 (discontinued).

INSTRUMENTATION.-- Electronic water-temperature recorder set for 1-hour recording interval.

REMARKS.--Records represent water temperature at the sensor within 0.5°C. Temperature at the sensor was compared with the stream average by cross section on May 14, 2004. No variation was found in the temperature cross section. No variation was found between mean stream temperature and sensor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 17.5°C, July 15-16, 2004; minimum, 0.0°C, on many days during winter.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE 2003: Maximum, 15.5°C, July 12; minimum, 0.0°C, on many days during the winter.

WATER TEMPERATURE 2004: Maximum, 17.5°C, July 15-16; minimum, 0.0°C, on many days during the winter.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Stream width, feet (00004)	Location in X-sect. looking downstrm ft from l bank (00009)	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Temperature, water, deg C (00010)	Temperature, air, deg C (00020)
MAY							
14...	1204	49.0	1.50	28.21	104	6.0	12.5
14...	1205	49.0	11.5	28.21	104	6.0	12.5
14...	1206	49.0	21.5	28.21	104	6.0	12.5
14...	1207	49.0	31.5	28.21	104	6.0	12.5

WATER TEMPERATURE, (DEGREES CELSIUS), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	7.5	6.5	7.0	5.0	4.5	4.5	4.5	3.5	4.0	1.0	0.5	1.0
2	7.0	6.0	6.5	4.5	4.5	4.5	3.5	2.5	3.0	1.5	1.0	1.0
3	7.0	5.5	6.5	4.5	4.0	4.5	2.5	1.5	2.0	1.5	0.5	1.0
4	7.0	6.0	6.5	5.0	4.5	4.5	1.5	1.0	1.5	1.5	0.5	1.0
5	6.0	5.5	6.0	5.5	4.5	5.0	2.0	1.0	1.5	2.0	1.5	1.5
6	7.5	6.0	7.0	6.0	5.0	5.5	2.0	1.0	1.5	2.5	1.0	2.0
7	7.5	7.0	7.5	5.5	3.5	4.5	2.5	2.0	2.5	1.5	1.0	1.5
8	7.0	6.0	6.5	3.5	3.0	3.5	3.0	2.5	3.0	1.5	0.5	1.0
9	6.0	4.0	5.0	4.0	3.5	4.0	4.0	3.0	3.5	0.5	0.0	0.0
10	4.5	3.5	4.0	4.5	4.0	4.0	4.0	3.5	4.0	0.0	0.0	0.0
11	5.5	4.0	5.0	4.5	4.0	4.5	3.5	3.5	3.5	0.0	0.0	0.0
12	6.0	5.5	6.0	4.5	4.0	4.0	4.0	3.0	3.5	0.0	0.0	0.0
13	6.5	6.0	6.0	5.0	4.5	4.5	3.5	2.0	3.0	1.5	0.0	1.0
14	6.5	5.5	6.0	5.0	4.5	5.0	2.5	2.0	2.0	1.0	0.0	0.0
15	7.0	6.5	6.5	5.0	4.0	5.0	3.0	2.0	2.5	1.5	0.0	0.5
16	8.0	7.0	7.5	4.0	3.0	3.5	3.0	2.0	2.5	1.5	1.5	1.5
17	7.5	7.0	7.0	4.0	3.0	3.5	2.5	2.0	2.5	1.5	0.5	1.0
18	7.0	6.5	6.5	4.0	3.5	3.5	2.5	1.5	2.0	2.0	1.5	1.5
19	7.5	6.5	7.5	4.0	3.5	3.5	2.0	0.5	1.5	2.0	2.0	2.0
20	8.0	7.0	7.5	4.0	4.0	4.0	0.5	0.0	0.0	2.5	2.0	2.0
21	7.0	7.0	7.0	4.0	4.0	4.0	0.0	0.0	0.0	2.0	0.5	1.0
22	7.0	6.5	7.0	4.0	3.5	3.5	0.0	0.0	0.0	0.5	0.0	0.5
23	7.0	6.0	6.5	3.5	2.0	2.5	1.0	0.0	0.5	0.5	0.0	0.0
24	6.5	5.5	6.0	4.0	2.5	3.5	1.5	0.0	1.0	0.0	0.0	0.0
25	6.5	6.0	6.5	4.5	4.0	4.0	1.5	1.0	1.0	0.5	0.0	0.0
26	6.5	6.0	6.5	5.5	4.0	5.0	1.0	0.5	1.0	0.5	0.0	0.5
27	6.5	6.0	6.5	5.5	4.5	5.0	1.0	0.0	0.5	1.0	0.0	0.5
28	6.0	5.0	5.5	5.0	4.5	4.5	0.5	0.0	0.5	1.0	1.0	1.0
29	5.0	4.0	4.5	5.0	4.5	5.0	0.0	0.0	0.0	1.5	1.0	1.5
30	4.0	3.5	4.0	5.0	4.5	5.0	0.5	0.0	0.0	1.5	1.0	1.0
31	4.5	3.5	4.0	---	---	---	1.0	0.0	0.5	1.0	0.0	0.5
MONTH	8.0	3.5	6.2	6.0	2.0	4.2	4.5	0.0	1.8	2.5	0.0	0.8

SOUTHEAST ALASKA

15057580 KAHTAHEENA RIVER ABOVE UPPER FALLS NEAR GUSTAVUS—Continued

WATER TEMPERATURE, (DEGREES CELSIUS), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	1.5	0.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	6.0	4.0	5.0
2	2.0	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	5.5	3.0	4.0
3	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	5.5	3.0	4.0
4	2.0	1.5	1.5	0.5	0.0	0.5	0.0	0.0	0.0	5.0	2.0	3.5
5	2.0	1.5	1.5	0.5	0.0	0.0	0.0	0.0	0.0	6.0	2.0	4.0
6	2.0	1.5	2.0	0.0	0.0	0.0	0.5	0.0	0.0	6.5	3.0	4.5
7	2.0	1.5	2.0	0.0	0.0	0.0	1.5	0.5	1.0	6.5	2.5	4.5
8	2.0	1.5	1.5	0.0	0.0	0.0	2.5	0.5	1.5	7.5	3.0	5.0
9	2.5	1.5	2.0	0.0	0.0	0.0	2.5	0.5	1.0	7.5	3.5	5.5
10	2.0	1.5	2.0	0.0	0.0	0.0	3.0	1.0	1.5	6.5	4.0	5.5
11	2.5	1.5	2.0	0.0	0.0	0.0	3.5	1.0	1.5	5.5	5.0	5.5
12	2.5	1.5	2.0	0.0	0.0	0.0	4.0	0.5	1.5	5.5	5.0	5.0
13	2.5	1.0	2.0	0.0	0.0	0.0	4.0	0.5	1.5	6.0	4.0	5.0
14	1.0	0.0	0.5	0.0	0.0	0.0	4.0	0.5	2.0	5.0	3.5	4.5
15	1.5	0.5	1.0	0.0	0.0	0.0	3.0	2.0	2.5	6.5	3.5	5.0
16	1.5	1.0	1.0	0.0	0.0	0.0	2.0	1.5	2.0	6.5	3.0	4.5
17	1.5	1.0	1.0	0.0	0.0	0.0	2.5	1.5	2.0	7.0	3.5	5.0
18	1.5	1.0	1.0	0.0	0.0	0.0	2.5	1.5	2.0	9.0	5.0	6.5
19	1.0	0.0	0.5	0.0	0.0	0.0	5.0	2.0	3.0	8.5	4.0	6.0
20	0.0	0.0	0.0	0.0	0.0	0.0	4.0	1.5	2.5	9.0	4.0	6.5
21	0.0	0.0	0.0	0.0	0.0	0.0	5.0	2.0	3.0	9.0	5.0	7.0
22	0.0	0.0	0.0	0.0	0.0	0.0	4.0	2.5	3.5	9.0	6.5	7.5
23	0.0	0.0	0.0	0.0	0.0	0.0	6.0	3.0	4.0	7.5	6.5	7.0
24	0.0	0.0	0.0	0.0	0.0	0.0	6.0	2.5	4.0	7.5	6.5	7.0
25	0.0	0.0	0.0	0.0	0.0	0.0	6.0	3.0	4.5	6.5	6.0	6.0
26	0.0	0.0	0.0	0.0	0.0	0.0	6.0	3.0	4.5	8.0	5.5	6.5
27	0.0	0.0	0.0	0.0	0.0	0.0	6.0	3.5	4.5	8.0	5.0	6.5
28	0.0	0.0	0.0	0.0	0.0	0.0	6.5	2.5	4.5	8.0	6.0	7.0
29	---	---	---	0.0	0.0	0.0	6.5	3.0	4.5	8.5	7.0	7.5
30	---	---	---	0.0	0.0	0.0	6.5	3.5	5.0	9.0	6.5	8.0
31	---	---	---	0.5	0.0	0.0	---	---	---	8.0	7.0	7.5
MONTH	2.5	0.0	1.0	0.5	0.0	0.0	6.5	0.0	2.2	9.0	2.0	5.7
	JUNE			JULY			AUGUST			SEPTEMBER		
1	8.0	6.0	7.0	12.5	8.5	10.5	11.5	9.5	10.0	10.0	9.5	9.5
2	9.0	6.5	8.0	10.0	9.0	9.5	11.5	9.5	10.5	10.0	9.5	9.5
3	8.5	6.5	7.5	10.0	8.5	9.5	11.5	9.5	10.0	9.5	9.0	9.5
4	9.0	6.0	7.5	10.0	9.0	9.5	10.5	9.0	10.0	9.5	8.5	9.0
5	9.0	7.5	8.0	10.5	8.5	9.0	12.0	9.0	10.0	9.5	7.0	8.5
6	9.5	8.0	8.5	10.0	8.5	9.5	12.5	8.0	10.0	9.5	8.5	9.0
7	8.5	7.5	8.0	12.5	8.5	10.0	13.0	8.5	10.5	10.0	9.0	9.5
8	11.0	6.5	8.5	12.5	9.0	10.5	14.0	9.0	11.0	10.0	9.5	10.0
9	11.5	7.5	9.0	13.5	9.5	11.0	14.0	9.5	11.0	10.0	9.0	9.5
10	12.5	8.0	9.5	14.5	9.0	11.5	13.5	8.5	10.5	9.5	8.5	9.0
11	10.5	8.0	9.5	12.5	10.0	11.0	12.0	10.0	11.0	10.0	9.0	9.5
12	9.5	8.5	9.0	15.5	10.5	12.0	11.5	10.0	10.5	10.0	9.5	9.5
13	11.0	8.5	9.5	15.0	9.5	12.0	12.0	10.5	11.0	10.0	9.0	9.5
14	11.5	8.0	9.5	12.0	10.5	11.0	11.0	10.0	10.5	9.0	8.0	8.5
15	12.0	8.0	10.0	12.5	10.0	11.0	12.5	11.0	11.5	8.0	7.0	7.5
16	12.0	8.0	10.0	11.0	10.0	10.5	11.5	10.5	11.0	7.0	6.0	6.5
17	10.0	9.0	9.5	11.5	10.0	10.5	12.5	10.5	11.0	7.5	5.5	6.5
18	9.5	9.0	9.5	14.5	10.0	11.5	12.0	9.0	10.5	7.0	7.0	7.0
19	9.0	8.0	8.5	14.0	9.5	11.5	11.5	10.0	10.5	7.5	6.5	7.0
20	9.0	8.0	8.5	13.0	11.0	12.0	11.0	9.5	10.0	8.0	7.5	8.0
21	8.5	8.0	8.0	12.5	10.5	11.5	11.0	9.5	10.0	8.0	7.0	7.5
22	10.0	7.5	8.5	12.0	10.5	11.0	11.0	9.0	10.0	7.5	6.5	7.0
23	9.5	8.0	8.5	12.5	10.5	11.0	11.0	8.0	9.5	7.0	6.0	6.5
24	8.5	8.0	8.5	11.5	10.0	10.5	10.0	9.5	9.5	7.5	7.0	7.0
25	9.0	8.0	8.5	11.0	10.0	10.5	11.0	9.5	10.0	8.0	7.5	8.0
26	8.5	8.0	8.5	10.5	9.5	10.0	10.0	8.0	9.0	8.0	7.5	7.5
27	8.5	7.5	8.0	10.5	9.5	10.0	10.5	9.0	9.5	8.5	7.5	8.0
28	9.0	7.5	8.0	11.0	9.5	10.0	11.5	9.0	10.0	9.0	8.0	8.5
29	9.5	7.5	8.5	11.0	10.0	10.5	10.5	9.0	9.5	8.5	7.5	8.0
30	11.0	7.5	9.0	10.5	9.5	9.5	11.0	10.0	10.5	9.0	7.5	8.5
31	---	---	---	10.5	8.5	9.5	10.0	9.5	10.0	---	---	---
MONTH	12.5	6.0	8.6	15.5	8.5	10.6	14.0	8.0	10.3	10.0	5.5	8.3

SOUTHEAST ALASKA

15057580 KAHTAHEENA RIVER ABOVE UPPER FALLS NEAR GUSTAVUS—Continued

WATER TEMPERATURE, (DEGREES CELSIUS), WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.0	8.0	8.5	3.0	2.0	2.5	0.0	0.0	0.0	0.5	0.0	0.0			
2	8.5	7.0	8.0	4.0	2.5	3.0	0.5	0.0	0.5	0.5	0.0	0.5			
3	8.5	7.0	7.5	2.5	1.5	2.0	1.0	0.0	0.5	0.5	0.0	0.0			
4	9.0	8.5	8.5	1.5	0.5	1.0	1.0	0.0	0.5	0.5	0.0	0.5			
5	9.0	8.0	8.5	2.0	0.0	1.0	1.5	0.0	1.0	0.5	0.0	0.0			
6	9.0	8.5	8.5	2.5	1.0	2.0	0.5	0.0	0.0	0.5	0.0	0.0			
7	9.0	8.0	8.5	3.0	2.0	2.5	0.0	0.0	0.0	0.5	0.0	0.0			
8	8.0	7.0	7.5	3.0	2.0	2.5	1.5	0.0	0.5	0.0	0.0	0.0			
9	7.5	7.0	7.0	3.0	1.5	2.0	1.0	0.0	0.5	0.0	0.0	0.0			
10	7.0	6.0	6.5	3.0	2.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0			
11	6.0	5.0	5.5	3.0	2.5	3.0	0.0	0.0	0.0	0.0	0.0	0.0			
12	5.5	4.0	5.0	3.5	3.0	3.5	1.5	0.0	0.5	0.0	0.0	0.0			
13	6.5	5.5	6.0	3.5	1.5	3.0	1.5	0.5	1.0	0.0	0.0	0.0			
14	6.5	5.0	6.0	3.0	1.5	2.5	1.0	0.5	0.5	0.0	0.0	0.0			
15	5.0	3.5	4.0	3.5	3.0	3.0	1.0	0.0	1.0	0.0	0.0	0.0			
16	5.5	3.5	4.5	3.0	2.5	3.0	1.5	0.5	1.0	0.0	0.0	0.0			
17	6.0	5.5	6.0	2.5	2.0	2.5	1.5	1.0	1.0	0.0	0.0	0.0			
18	7.0	6.0	6.5	2.0	0.0	1.0	1.5	0.0	0.5	0.0	0.0	0.0			
19	7.0	6.5	6.5	0.0	0.0	0.0	1.5	0.5	1.5	0.5	0.0	0.0			
20	6.5	5.0	6.0	0.5	0.0	0.0	2.0	1.5	1.5	1.5	0.5	0.5			
21	6.5	4.0	5.5	0.0	0.0	0.0	2.0	1.5	2.0	1.5	1.5	1.5			
22	6.5	6.0	6.0	0.0	0.0	0.0	2.0	1.5	2.0	2.0	1.0	1.5			
23	6.5	5.5	6.0	1.0	0.0	0.5	2.0	1.5	2.0	2.0	1.0	1.5			
24	6.5	5.5	6.0	1.5	0.5	1.0	2.0	2.0	2.0	1.0	0.0	0.5			
25	7.5	6.5	7.0	1.5	0.5	1.0	2.0	0.0	1.0	0.5	0.0	0.0			
26	7.5	6.5	7.0	1.0	0.5	0.5	1.0	0.0	0.5	0.5	0.0	0.5			
27	6.5	6.0	6.5	0.5	0.0	0.5	0.5	0.0	0.0	0.5	0.0	0.0			
28	6.0	4.5	5.5	0.5	0.0	0.5	0.0	0.0	0.0	0.5	0.0	0.0			
29	4.5	3.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
30	3.0	2.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
31	3.0	2.0	2.5	---	---	---	1.5	0.0	1.0	0.0	0.0	0.0			
MONTH	9.0	2.0	6.2	4.0	0.0	1.6	2.0	0.0	0.7	2.0	0.0	0.2			

DAY	MAX	MIN	MEAN	FEBRUARY			MARCH			APRIL			MAY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	0.0	0.0	0.0	2.0	0.5	1.0	1.5	0.0	1.0	5.0	4.0	4.5			
2	0.0	0.0	0.0	1.5	0.0	0.5	1.5	1.0	1.0	5.5	4.0	4.5			
3	0.0	0.0	0.0	1.0	0.5	0.5	2.0	1.0	1.5	6.5	4.0	5.0			
4	0.0	0.0	0.0	2.0	0.5	1.0	3.0	1.5	2.0	6.0	3.5	4.5			
5	0.0	0.0	0.0	2.0	0.0	1.0	4.0	2.0	2.5	6.5	3.5	4.5			
6	0.0	0.0	0.0	1.5	0.0	1.0	4.0	2.0	3.0	6.5	3.5	5.0			
7	0.0	0.0	0.0	2.0	1.0	1.5	3.5	2.0	3.0	6.5	4.0	5.0			
8	0.0	0.0	0.0	1.0	0.0	1.0	4.0	1.5	2.5	7.0	3.5	5.0			
9	0.5	0.0	0.0	1.5	0.0	1.0	4.0	2.5	3.0	6.0	4.5	5.0			
10	1.5	0.5	1.0	1.5	0.0	1.0	4.0	2.0	3.0	7.0	4.0	5.5			
11	2.0	1.5	1.5	2.0	1.0	1.5	4.0	2.0	3.0	7.5	3.5	5.5			
12	2.0	1.5	2.0	2.0	1.0	1.5	3.5	3.0	3.5	7.5	4.0	5.5			
13	2.0	2.0	2.0	2.0	1.0	1.5	4.0	3.0	3.5	8.0	4.0	5.5			
14	2.0	1.5	2.0	1.5	0.0	1.0	4.5	2.5	3.5	7.5	4.5	6.0			
15	2.0	1.5	1.5	1.0	0.0	0.5	4.5	2.0	3.0	7.5	4.0	5.5			
16	2.0	1.5	1.5	2.0	0.5	1.0	4.0	1.5	3.0	6.5	4.5	5.5			
17	2.0	1.5	2.0	2.0	0.5	1.5	4.5	3.0	3.5	6.0	5.0	5.5			
18	2.5	1.5	2.0	0.5	0.0	0.0	4.0	2.5	3.5	7.0	5.0	5.5			
19	2.0	1.5	2.0	0.0	0.0	0.0	5.5	2.0	3.5	8.0	4.5	6.0			
20	1.5	1.5	1.5	0.0	0.0	0.0	5.0	2.0	3.5	8.5	4.5	6.0			
21	2.0	1.5	1.5	0.0	0.0	0.0	5.5	3.0	4.0	8.0	4.5	6.0			
22	2.0	1.5	2.0	1.5	0.0	0.5	5.0	3.0	3.5	8.0	4.0	6.0			
23	2.5	2.0	2.0	1.5	0.0	0.5	4.5	3.0	3.5	8.5	4.0	6.0			
24	2.0	1.0	2.0	1.5	0.0	0.5	4.5	3.5	4.0	6.5	5.5	6.0			
25	1.5	0.5	1.0	2.0	1.0	1.5	4.0	3.5	4.0	6.0	5.0	5.5			
26	1.0	0.0	0.5	3.0	1.0	1.5	4.5	3.5	4.0	6.0	5.0	5.5			
27	0.5	0.0	0.0	2.5	1.0	1.5	5.0	3.5	4.0	7.5	4.5	6.0			
28	1.5	0.0	1.0	2.0	1.0	1.5	4.5	3.5	4.0	8.0	4.5	6.0			
29	2.0	0.5	1.0	2.0	0.0	1.0	6.0	3.0	4.0	7.5	5.5	6.5			
30	---	---	---	1.5	0.0	0.5	6.5	3.5	5.0	8.5	5.5	7.0			
31	---	---	---	0.5	0.0	0.0	---	---	---	7.5	5.5	6.5			
MONTH	2.5	0.0	1.0	3.0	0.0	0.9	6.5	0.0	3.2	8.5	3.5	5.5			

SOUTHEAST ALASKA

15057580 KAHTAHEENA RIVER ABOVE UPPER FALLS NEAR GUSTAVUS—Continued

WATER TEMPERATURE, (DEGREES CELSIUS), WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.5	5.5	7.0	11.0	9.5	10.0	11.0	10.0	11.0	11.5	8.5	10.0
2	7.5	6.0	6.5	12.5	9.0	11.0	12.0	10.5	11.0	12.0	10.5	11.0
3	9.0	5.5	7.5	11.5	10.5	11.0	12.0	11.0	11.0	11.5	11.0	11.5
4	8.5	6.0	7.5	12.0	10.0	11.0	14.0	10.0	11.5	11.0	10.5	11.0
5	8.0	7.0	7.5	11.0	10.0	10.5	13.0	10.0	11.5	10.5	10.0	10.5
6	10.5	6.5	8.0	13.5	10.0	11.0	14.5	11.0	12.5	10.5	9.5	10.0
7	10.0	6.5	8.5	13.0	10.5	11.5	15.0	11.5	12.5	9.5	8.0	8.5
8	8.0	6.5	7.0	14.0	9.5	11.5	15.5	10.0	12.5	8.5	7.0	7.5
9	7.5	6.5	7.0	14.5	10.5	12.0	16.0	10.5	12.5	8.0	6.5	7.5
10	8.0	6.0	7.0	12.0	10.5	11.5	15.5	10.5	12.5	8.0	6.0	7.0
11	8.0	6.0	7.0	13.5	10.0	11.5	14.0	12.0	13.0	8.5	7.0	8.0
12	9.0	6.5	8.0	15.0	9.5	12.0	14.0	10.5	12.0	9.0	8.0	8.5
13	9.0	7.0	8.0	16.0	11.0	12.5	15.5	10.0	12.5	9.0	8.5	9.0
14	8.0	7.0	7.5	16.5	11.0	13.0	16.0	10.0	12.5	9.0	8.0	8.5
15	9.0	7.0	8.0	17.5	10.5	13.5	16.5	11.0	13.5	8.5	7.5	8.0
16	10.0	6.5	8.0	17.5	11.0	13.5	17.0	12.0	14.0	8.5	7.0	7.5
17	11.0	7.0	9.5	15.0	12.5	13.5	17.0	12.0	14.0	8.0	7.0	7.5
18	12.0	8.0	10.0	14.0	11.5	13.0	15.0	12.5	13.5	8.0	6.0	7.0
19	12.5	9.0	11.0	15.0	10.5	12.5	13.5	12.5	13.0	7.5	5.5	6.5
20	12.5	9.0	11.0	15.0	12.0	13.0	15.5	12.5	13.5	9.0	7.0	8.0
21	12.5	8.5	11.0	15.0	12.0	13.0	16.5	12.0	13.5	9.5	8.0	9.0
22	13.0	9.0	11.0	14.5	12.0	13.0	16.0	11.0	13.0	8.0	8.0	8.0
23	13.5	9.5	11.5	15.0	12.0	13.5	14.5	9.0	11.5	8.5	8.0	8.5
24	14.0	9.5	11.5	13.5	12.0	12.5	14.5	9.0	11.5	8.5	7.5	8.0
25	14.0	10.0	12.0	15.5	11.5	13.0	12.5	9.5	11.0	8.0	7.0	7.5
26	12.5	10.5	11.5	13.5	11.5	12.5	13.0	11.0	12.0	8.0	7.5	7.5
27	11.5	10.0	10.5	12.5	11.5	12.0	13.0	11.5	12.0	8.5	7.5	8.0
28	10.5	9.5	10.0	13.0	12.0	12.5	12.5	11.5	12.0	8.0	7.0	7.5
29	10.5	9.5	10.0	12.5	11.0	12.0	13.0	11.0	12.0	8.0	7.5	8.0
30	10.5	9.5	10.0	12.0	10.5	11.0	13.5	10.5	11.5	8.0	8.0	8.0
31	---	---	---	12.0	10.5	11.0	13.0	9.0	10.5	---	---	---
MONTH	14.0	5.5	9.0	17.5	9.0	12.1	17.0	9.0	12.3	12.0	5.5	8.4