ARCTIC SLOPE ALASKA

15875000 COLVILLE RIVER AT UMIAT

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1953, 1969, 1975, 1978, 2002 to current year.

PERIOD OF DAILY RECORD.--WATER TEMPERATURE: August 2002 to current year.

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

REMARKS.--No record from November 14, 2003 to May 22, 2004, and September 20 - 30, 2004, due to no flow conditions or probe out of water. Records represent water-temperature at the sensor within 0.5 $^{\circ}\text{C}$.

EXTREMES FOR PERIOD OF RECORD.-

WATER TEMPERATURE: Maximum, 18.5°C, July 2 and 26, 2004; minimum, 0.0°C on many days during winter periods.

EXTREMES FOR PERIOD. --

WATER TEMPERATURE: Maximum, 18.5°C, July 2 and 26, 2004; minimum 0.0°C on many days during winter.

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	
	OCTOBER			NOVEMBER			DI	ECEMBER		JANUARY			
1	2.0	0.5	1.0	0.0	0.0	0.0							
2	1.5	1.0	1.5	0.0	0.0	0.0							
3	1.5	0.0	1.0	0.0	0.0	0.0							
4	0.5	0.0	0.0	0.0	0.0	0.0							
5	0.5	0.0	0.5	0.0	0.0	0.0							
6	0.0	0.0	0.0	0.0	0.0	0.0							
7	0.0	0.0	0.0	0.0	0.0	0.0							
8	0.5	0.0	0.0	0.0	0.0	0.0							
9	0.5	0.0	0.5	0.0	0.0	0.0							
10	0.5	0.5	0.5	0.0	0.0	0.0							
11	0.5	0.5	0.5	0.0	0.0	0.0							
12	0.5	0.5	0.5	0.0	0.0	0.0							
13	0.5	0.5	0.5	0.0	0.0	0.0							
14	0.5	0.5	0.5										
15	0.5	0.5	0.5										
16	0.5	0.0	0.5										
17	0.5	0.0	0.0										
18	0.0	0.0	0.0										
19	0.0	0.0	0.0										
20	0.0	0.0	0.0										
21	0.0	0.0	0.0										
22	0.0	0.0	0.0										
23	0.0	0.0	0.0										
24	0.0	0.0	0.0										
25	0.0	0.0	0.0										
26	0.0	0.0	0.0										
27	0.0	0.0	0.0										
28	0.0	0.0	0.0										
29	0.0	0.0	0.0										
30	0.0	0.0	0.0										
31	0.0	0.0	0.0										
MONTH	2.0	0.0	0.3										

ARCTIC SLOPE ALASKA

15875000 COLVILLE RIVER AT UMIAT—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
		FEBRUARY	•		MARCH			APRIL			MAY	
1 2												
3												
4												
5												
6 7												
8												
9												
10												
11												
12 13												
14												
15												
16												
17												
18 19												
20												
21												
22												
23										0.5	0.0	0.0
24 25										1.0	0.0 0.5	0.5 1.0
26 27										1.0 1.5	0.5 0.5	0.5 0.5
28										2.0	1.5	1.5
29 30										3.0 4.0	2.0 3.0	2.0
31										7.0	4.0	4.5
MONTH												
MONTH												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
DAY	MAX	MIN JUNE	MEAN	MAX	MIN	MEAN		MIN AUGUST	MEAN		MIN SEPTEMBE	
1	7.0	JUNE 5.5	6.5	15.0	JULY 13.0	14.0	12.0	AUGUST	11.0	11.0	SEPTEMBE	10.0
1 2	7.0 7.5	JUNE 5.5 6.5	6.5 7.0	15.0 18.5	JULY 13.0 13.5	14.0 16.0	12.0 10.5	AUGUST 10.0 10.0	11.0 10.5	11.0 10.0	SEPTEMBE 9.5 8.0	10.0 9.5
1	7.0	JUNE 5.5	6.5	15.0	JULY 13.0	14.0	12.0	AUGUST	11.0	11.0	SEPTEMBE	10.0
1 2 3	7.0 7.5 9.0	JUNE 5.5 6.5 7.0	6.5 7.0 8.0	15.0 18.5 18.0	JULY 13.0 13.5 15.5	14.0 16.0 16.5	12.0 10.5 11.5	10.0 10.0 10.5	11.0 10.5 11.0	11.0 10.0 8.0	9.5 8.0 7.0	10.0 9.5 7.0
1 2 3 4	7.0 7.5 9.0 10.5	JUNE 5.5 6.5 7.0 8.0	6.5 7.0 8.0 9.0	15.0 18.5 18.0 16.0	JULY 13.0 13.5 15.5 14.0	14.0 16.0 16.5 15.0	12.0 10.5 11.5 13.0	10.0 10.0 10.5 10.5	11.0 10.5 11.0 11.5	11.0 10.0 8.0 7.0	9.5 8.0 7.0 6.0	10.0 9.5 7.0 6.5
1 2 3 4 5	7.0 7.5 9.0 10.5 11.5	JUNE 5.5 6.5 7.0 8.0 9.5 10.0 10.0	6.5 7.0 8.0 9.0 10.5	15.0 18.5 18.0 16.0 16.0	JULY 13.0 13.5 15.5 14.0 12.0 11.5 13.0	14.0 16.0 16.5 15.0 13.5	12.0 10.5 11.5 13.0 14.0	10.0 10.0 10.5 10.5 12.5 13.0 14.5	11.0 10.5 11.0 11.5 13.0	11.0 10.0 8.0 7.0 6.5 6.5	9.5 8.0 7.0 6.0 6.0 5.5 6.0	10.0 9.5 7.0 6.5 6.0 6.0
1 2 3 4 5	7.0 7.5 9.0 10.5 11.5 11.5 11.5	JUNE 5.5 6.5 7.0 8.0 9.5 10.0 10.0 10.0	6.5 7.0 8.0 9.0 10.5 11.0 11.0	15.0 18.5 18.0 16.0 16.0	JULY 13.0 13.5 15.5 14.0 12.0 11.5 13.0 12.0	14.0 16.0 16.5 15.0 13.5 13.5 14.0	12.0 10.5 11.5 13.0 14.0	10.0 10.0 10.5 10.5 12.5 13.0 14.5 14.5	11.0 10.5 11.0 11.5 13.0 14.0 15.0 15.5	11.0 10.0 8.0 7.0 6.5 6.5 7.5 9.0	9.5 8.0 7.0 6.0 6.0 5.5 6.0 7.5	10.0 9.5 7.0 6.5 6.0 6.5 8.0
1 2 3 4 5	7.0 7.5 9.0 10.5 11.5	JUNE 5.5 6.5 7.0 8.0 9.5 10.0 10.0	6.5 7.0 8.0 9.0 10.5	15.0 18.5 18.0 16.0 16.0	JULY 13.0 13.5 15.5 14.0 12.0 11.5 13.0	14.0 16.0 16.5 15.0 13.5	12.0 10.5 11.5 13.0 14.0	10.0 10.0 10.5 10.5 12.5 13.0 14.5	11.0 10.5 11.0 11.5 13.0	11.0 10.0 8.0 7.0 6.5 6.5	9.5 8.0 7.0 6.0 6.0 5.5 6.0	10.0 9.5 7.0 6.5 6.0 6.0
1 2 3 4 5 6 7 8 9	7.0 7.5 9.0 10.5 11.5 11.5 11.5 11.0	JUNE 5.5 6.5 7.0 8.0 9.5 10.0 10.0 9.5 8.5	6.5 7.0 8.0 9.0 10.5 11.0 11.0 10.0 9.0	15.0 18.5 18.0 16.0 16.0 15.5 14.5 14.5 12.5	JULY 13.0 13.5 15.5 14.0 12.0 11.5 13.0 12.0 12.5 12.0	14.0 16.0 16.5 15.0 13.5 13.5 14.0 13.0 12.0	12.0 10.5 11.5 13.0 14.0 15.0 16.0 16.5 16.5	10.0 10.0 10.5 10.5 12.5 13.0 14.5 14.5 14.5	11.0 10.5 11.0 11.5 13.0 14.0 15.0 15.5 15.5	11.0 10.0 8.0 7.0 6.5 6.5 7.5 9.0 8.0 8.5	9.5 8.0 7.0 6.0 6.0 5.5 6.0 7.5 7.5	10.0 9.5 7.0 6.5 6.0 6.5 8.0 7.5
1 2 3 4 5 6 7 8 9	7.0 7.5 9.0 10.5 11.5 11.5 11.5 11.5	JUNE 5.5 6.5 7.0 8.0 9.5 10.0 10.0 10.0 9.5	6.5 7.0 8.0 9.0 10.5 11.0 11.0 11.0	15.0 18.5 18.0 16.0 15.5 14.5 14.5	JULY 13.0 13.5 15.5 14.0 12.0 11.5 13.0 12.0 12.5	14.0 16.0 16.5 15.0 13.5 13.5 14.0 13.0	12.0 10.5 11.5 13.0 14.0 15.0 16.0 16.5	10.0 10.0 10.5 10.5 12.5 13.0 14.5 14.5 15.0	11.0 10.5 11.0 11.5 13.0 14.0 15.0 15.5 15.5	11.0 10.0 8.0 7.0 6.5 6.5 7.5 9.0 8.0	9.5 8.0 7.0 6.0 6.0 5.5 6.0 7.5 7.5	10.0 9.5 7.0 6.5 6.0 6.5 8.0 7.5
1 2 3 4 5 6 7 8 9 10	7.0 7.5 9.0 10.5 11.5 11.5 11.5 11.0 10.0	JUNE 5.5 6.5 7.0 8.0 9.5 10.0 10.0 10.0 9.5 8.5 8.5 8.0 8.0	6.5 7.0 8.0 9.0 10.5 11.0 11.0 11.0 9.0 9.0 8.5 9.5	15.0 18.5 18.0 16.0 16.0 15.5 14.5 14.0 13.5 12.5	JULY 13.0 13.5 15.5 14.0 12.0 11.5 13.0 12.0 12.5 12.0 11.5 13.5 13.5	14.0 16.0 16.5 15.0 13.5 14.0 13.0 12.0	12.0 10.5 11.5 13.0 14.0 15.0 16.0 16.5 16.5 15.5	10.0 10.0 10.5 10.5 12.5 13.0 14.5 14.5 14.5 14.5	11.0 10.5 11.0 11.5 13.0 14.0 15.0 15.5 15.5 15.0 14.5 14.5	11.0 10.0 8.0 7.0 6.5 7.5 9.0 8.0 8.5 8.0 7.5	9.5 8.0 7.0 6.0 6.0 5.5 6.0 7.5 7.5 7.0	10.0 9.5 7.0 6.5 6.0 6.5 8.0 7.5 7.5
1 2 3 4 5 6 7 8 9 10	7.0 7.5 9.0 10.5 11.5 11.5 11.5 11.0 10.0	JUNE 5.5 6.5 7.0 8.0 9.5 10.0 10.0 10.0 9.5 8.5	6.5 7.0 8.0 9.0 10.5 11.0 11.0 10.0 9.0 8.5	15.0 18.5 18.0 16.0 16.0 15.5 14.5 14.5 14.0 13.5	JULY 13.0 13.5 15.5 14.0 12.0 11.5 13.0 12.0 12.5 12.0 11.5 13.5	14.0 16.0 16.5 15.0 13.5 14.0 13.0 12.0	12.0 10.5 11.5 13.0 14.0 15.0 16.5 16.5 15.5	10.0 10.0 10.5 10.5 12.5 13.0 14.5 14.5 14.5	11.0 10.5 11.0 11.5 13.0 14.0 15.0 15.5 15.5 15.5	11.0 10.0 8.0 7.0 6.5 6.5 7.5 9.0 8.0 8.5	9.5 8.0 7.0 6.0 6.0 5.5 6.0 7.5 7.5 7.0	10.0 9.5 7.0 6.5 6.0 6.5 8.0 7.5 7.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	7.0 7.5 9.0 10.5 11.5 11.5 11.5 11.0 10.0 9.5 9.0 11.0 13.0	JUNE 5.5 6.5 7.0 8.0 9.5 10.0 10.0 10.0 9.5 8.5 8.0 9.5 12.0	6.5 7.0 8.0 9.0 10.5 11.0 11.0 10.0 9.0 8.5 9.5 11.0 13.5	15.0 18.5 18.0 16.0 16.0 15.5 14.5 14.5 14.0 13.5 12.5	JULY 13.0 13.5 15.5 14.0 12.0 11.5 13.0 12.0 12.5 13.0 14.0 15.0	14.0 16.0 16.5 15.0 13.5 14.0 13.0 13.0 12.0 13.5 14.0 13.5 14.0 14.5	12.0 10.5 11.5 13.0 14.0 15.0 16.0 16.5 15.5 15.5 15.5 15.0 15.0 15.0	10.0 10.0 10.5 10.5 12.5 13.0 14.5 14.5 14.5 14.0 14.0 14.0 13.5	11.0 10.5 11.0 11.5 13.0 14.0 15.5 15.5 15.5 15.0 14.5 14.5 14.5	11.0 10.0 8.0 7.0 6.5 6.5 7.5 9.0 8.0 8.5 8.0 7.5 7.0 7.0	9.5 8.0 7.0 6.0 6.0 5.5 6.0 7.5 7.5 7.0 6.5 5.5 6.0 5.0	10.0 9.5 7.0 6.5 6.0 6.5 8.0 7.5 7.5 7.0 6.5 6.0 6.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	7.0 7.5 9.0 10.5 11.5 11.5 11.5 11.0 10.0 9.5 9.0 11.0 13.0 14.5	JUNE 5.5 6.5 7.0 8.0 9.5 10.0 10.0 9.5 8.5 8.0 9.5 12.0 13.5	6.5 7.0 8.0 9.0 10.5 11.0 11.0 11.0 9.0 9.0 8.5 9.5 11.0	15.0 18.5 18.0 16.0 16.0 15.5 14.5 12.5 14.0 14.0 14.0 14.5 15.5 16.0	JULY 13.0 13.5 15.5 14.0 12.0 11.5 13.0 12.5 12.0 11.5 13.5 12.0 11.5 13.5 13.0 14.0 15.0	14.0 16.0 16.5 15.0 13.5 13.5 14.0 13.0 13.0 12.0 13.5 14.0 14.5 15.5	12.0 10.5 11.5 13.0 14.0 15.0 16.5 16.5 15.5 15.5 15.0 15.0 14.5	10.0 10.0 10.5 10.5 12.5 13.0 14.5 14.5 14.0 14.0 14.0 13.5 13.5	11.0 10.5 11.0 11.5 13.0 14.0 15.5 15.5 15.5 15.0 14.5 14.5 14.0 14.0	11.0 10.0 8.0 7.0 6.5 6.5 7.5 9.0 8.0 8.5 8.0 7.5 7.0 7.0	9.5 8.0 7.0 6.0 6.0 5.5 6.0 7.5 7.5 7.0 6.5 5.5 6.0 5.5	10.0 9.5 7.0 6.5 6.0 6.5 8.0 7.5 7.5 7.0 6.5 6.0 6.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	7.0 7.5 9.0 10.5 11.5 11.5 11.5 11.5 11.5 11.5 11	JUNE 5.5 6.5 7.0 8.0 9.5 10.0 10.0 10.0 9.5 8.5 8.5 8.0 9.5 12.0 13.5 14.5 11.5	6.5 7.0 8.0 9.0 10.5 11.0 11.0 11.0 9.0 9.0 8.5 9.5 11.0 13.5	15.0 18.5 18.0 16.0 16.0 15.5 14.5 14.5 14.0 14.5 15.5 16.0	JULY 13.0 13.5 15.5 14.0 12.0 11.5 13.0 12.0 12.5 12.0 11.5 13.5 13.0 14.0 15.0	14.0 16.0 16.5 15.0 13.5 14.0 13.0 12.0 13.5 14.0 14.5 15.5 15.5	12.0 10.5 11.5 13.0 14.0 15.0 16.5 16.5 15.5 15.5 15.0 15.0 14.5	10.0 10.0 10.5 10.5 12.5 13.0 14.5 14.5 14.5 14.0 14.0 14.0 13.5 13.5	11.0 10.5 11.0 11.5 13.0 14.0 15.5 15.5 15.5 14.5 14.5 14.5 14.0 14.5	11.0 10.0 8.0 7.0 6.5 6.5 7.5 9.0 8.0 8.5 8.0 7.5 7.0 7.0 7.0	9.5 8.0 7.0 6.0 6.0 5.5 6.0 7.5 7.5 7.0 6.5 5.5 6.0 5.0 5.0	10.0 9.5 7.0 6.5 6.0 6.5 8.0 7.5 7.5 7.0 6.5 6.0 6.0 6.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	7.0 7.5 9.0 10.5 11.5 11.5 11.5 11.0 10.0 9.5 9.0 11.0 13.0 14.5	JUNE 5.5 6.5 7.0 8.0 9.5 10.0 10.0 9.5 8.5 8.0 9.5 12.0 13.5 14.5 11.5 13.5	6.5 7.0 8.0 9.0 10.5 11.0 11.0 11.0 9.0 9.0 8.5 9.5 11.0 13.5	15.0 18.5 18.0 16.0 16.0 15.5 14.5 12.5 14.0 14.0 14.5 15.5 16.0	JULY 13.0 13.5 15.5 14.0 12.0 11.5 13.0 12.5 12.0 11.5 13.5 13.5 13.5 14.0 15.0	14.0 16.0 16.5 15.0 13.5 13.5 14.0 13.0 13.0 13.0 13.5 14.5 14.5 15.5	12.0 10.5 11.5 13.0 14.0 15.0 16.5 16.5 15.5 15.5 15.0 15.0 14.5	10.0 10.0 10.5 10.5 12.5 13.0 14.5 14.5 14.0 14.0 14.0 13.5 13.5 14.0 15.0 16.0 16.0	11.0 10.5 11.0 11.5 13.0 14.0 15.0 15.5 15.5 15.5 14.0 14.5 14.5 14.0 14.0	11.0 10.0 8.0 7.0 6.5 6.5 7.5 9.0 8.0 8.5 8.0 7.5 7.0 7.0	9.5 8.0 7.0 6.0 6.0 5.5 6.0 7.5 7.5 7.0 6.5 5.5 6.0 5.0 5.0	10.0 9.5 7.0 6.5 6.0 6.5 8.0 7.5 7.5 7.0 6.5 6.0 6.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	7.0 7.5 9.0 10.5 11.5 11.5 11.5 11.0 10.0 9.5 9.0 11.0 13.0 14.5 16.0 15.5 15.5	JUNE 5.5 6.5 7.0 8.0 9.5 10.0 10.0 10.0 9.5 8.5 8.0 8.0 9.5 12.0 13.5 14.5 13.5	6.5 7.0 8.0 9.0 10.5 11.0 11.0 10.0 9.0 8.5 9.5 11.0 13.5	15.0 18.5 18.0 16.0 16.0 15.5 14.5 14.5 14.0 14.5 15.5 16.0 15.5 16.0	JULY 13.0 13.5 15.5 14.0 12.0 11.5 13.0 12.0 12.5 12.0 11.5 13.5 13.0 14.0 15.0 14.5 14.5 14.5 14.5	14.0 16.0 16.5 15.0 13.5 14.0 13.0 13.0 12.0 13.5 14.0 14.5 15.5 15.5 15.5 14.5	12.0 10.5 11.5 13.0 14.0 15.0 16.5 16.5 15.5 15.5 15.0 15.0 14.5 15.5 17.5 17.5	10.0 10.0 10.5 10.5 12.5 13.0 14.5 14.5 14.0 14.0 14.0 14.0 13.5 14.0 16.0 16.5 15.5	11.0 10.5 11.0 11.5 13.0 14.0 15.5 15.5 15.5 14.5 14.5 14.5 14.0 14.0	11.0 10.0 8.0 7.0 6.5 6.5 7.5 9.0 8.0 8.5 8.0 7.5 7.0 7.0 7.0	9.5 8.0 7.0 6.0 6.0 5.5 6.0 7.5 7.5 7.0 6.5 5.5 6.0 5.0 5.0	10.0 9.5 7.0 6.5 6.0 6.5 8.0 7.5 7.5 7.0 6.5 6.0 6.0 6.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	7.0 7.5 9.0 10.5 11.5 11.5 11.5 11.0 10.0 9.5 9.0 11.0 13.0 14.5 15.5 15.5 15.5	JUNE 5.5 6.5 7.0 8.0 9.5 10.0 10.0 9.5 8.5 8.0 9.5 12.0 13.5 14.5 14.5 14.0 13.5	6.5 7.0 8.0 9.0 10.5 11.0 11.0 11.0 9.0 9.0 8.5 9.5 11.0 13.5 14.5 15.0 14.5	15.0 18.5 18.0 16.0 15.5 14.5 12.5 14.0 14.0 14.5 15.5 16.0 15.0 16.0 17.0 16.5 15.0	JULY 13.0 13.5 15.5 14.0 12.0 11.5 13.0 12.5 12.0 11.5 13.5 12.0 14.5 13.5 14.0 15.0	14.0 16.0 16.5 15.0 13.5 13.5 14.0 13.0 13.0 12.0 13.5 14.5 14.5 15.5 15.5 16.5 14.5	12.0 10.5 11.5 13.0 14.0 15.0 16.5 16.5 15.5 15.5 15.0 15.0 14.5	10.0 10.0 10.5 10.5 12.5 13.0 14.5 14.5 14.0 14.0 14.0 13.5 13.5 14.0 16.0 16.0 16.5 15.5	11.0 10.5 11.0 11.5 13.0 14.0 15.5 15.5 15.5 15.0 14.5 14.5 14.5 14.0 14.0 14.5 16.5 17.0 16.0	11.0 10.0 8.0 7.0 6.5 6.5 7.5 9.0 8.0 8.5 8.0 7.5 7.0 7.0 7.0 7.0 8.0	9.5 8.0 7.0 6.0 6.0 5.5 6.0 7.5 7.5 7.0 6.5 5.5 6.0 5.0 5.0	10.0 9.5 7.0 6.5 6.0 6.5 8.0 7.5 7.5 7.0 6.5 6.0 6.5 6.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	7.0 7.5 9.0 10.5 11.5 11.5 11.5 11.0 10.0 9.5 9.0 11.0 13.0 14.5 16.0 15.5 15.5 15.5 15.5	JUNE 5.5 6.5 7.0 8.0 9.5 10.0 10.0 10.0 9.5 8.5 8.0 8.0 9.5 12.0 13.5 14.5 11.5 13.5 14.0	6.5 7.0 8.0 9.0 10.5 11.0 11.0 11.0 9.0 9.0 8.5 9.5 11.0 13.5 14.5 15.0 14.5 15.0	15.0 18.5 18.0 16.0 16.0 15.5 14.5 14.5 14.0 14.5 15.5 16.0 17.0 16.5 15.0 16.0 17.0	JULY 13.0 13.5 15.5 14.0 12.0 11.5 13.0 12.0 12.5 13.0 14.5 13.5 13.0 14.0 15.0 14.5 14.5 14.5 14.5	14.0 16.0 16.5 15.0 13.5 14.0 13.0 13.0 12.0 13.5 14.0 14.5 15.5 15.5 15.5 14.5	12.0 10.5 11.5 13.0 14.0 15.0 16.5 16.5 15.5 15.5 15.0 15.0 14.5 15.5 17.5 17.5 17.5 17.5	10.0 10.0 10.5 10.5 12.5 13.0 14.5 15.0 14.5 14.0 14.0 14.0 14.0 16.5 15.5 15.5	11.0 10.5 11.0 11.5 13.0 14.0 15.5 15.5 15.5 14.5 14.5 14.0 14.0 14.5 15.5 17.0 16.0 16.0	11.0 10.0 8.0 7.0 6.5 6.5 7.5 9.0 8.0 8.5 8.0 7.5 7.0 7.0 7.0 8.0 8.0	9.5 8.0 7.0 6.0 6.0 5.5 6.0 7.5 7.0 6.5 5.5 6.0 5.0 5.0 5.0	10.0 9.5 7.0 6.5 6.0 6.5 8.0 7.5 7.5 7.0 6.5 6.0 6.0 6.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	7.0 7.5 9.0 10.5 11.5 11.5 11.5 11.0 10.0 9.5 9.0 11.0 13.0 14.5 16.0 15.5 15.5 15.5 16.5 16.5	JUNE 5.5 6.5 7.0 8.0 9.5 10.0 10.0 9.5 8.5 8.0 9.5 12.0 13.5 14.5 14.5 14.0 13.5 14.0	6.5 7.0 8.0 9.0 10.5 11.0 11.0 11.0 9.0 9.0 8.5 9.5 11.0 13.5 14.5 15.0 14.5 15.0	15.0 18.5 18.0 16.0 16.0 15.5 14.5 12.5 14.0 14.0 14.5 15.5 16.0 15.0 16.0 17.0 17.0 17.0 17.0 17.0 17.0	JULY 13.0 13.5 15.5 14.0 12.0 11.5 13.0 12.5 12.0 11.5 13.5 14.0 15.0 14.5 14.5 14.5 14.5 14.5 14.5	14.0 16.0 16.5 15.0 13.5 13.0 13.0 13.0 12.0 13.0 14.5 14.5 15.5 14.5 15.5 14.5	12.0 10.5 11.5 13.0 14.0 15.0 16.5 16.5 15.5 15.5 15.0 15.0 14.5 15.5 17.5 17.5 17.5 17.0	10.0 10.0 10.5 10.5 12.5 13.0 14.5 14.5 14.0 14.0 14.0 13.5 13.5 14.0 16.5 15.0 16.5 15.5	11.0 10.5 11.0 11.5 13.0 14.0 15.5 15.5 15.5 15.0 14.5 14.5 14.5 14.0 14.0 14.5 16.5 17.0 16.0	11.0 10.0 8.0 7.0 6.5 6.5 7.5 9.0 8.0 8.5 8.0 7.5 7.0 7.0 7.0 7.0 8.0 8.0	9.5 8.0 7.0 6.0 6.0 5.5 6.0 7.5 7.5 7.0 6.5 5.5 6.0 5.0 5.0 5.0	10.0 9.5 7.0 6.5 6.0 6.5 8.0 7.5 7.5 7.0 6.5 6.0 6.5 6.0
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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	7.0 7.5 9.0 10.5 11.5 11.5 11.5 11.0 10.0 9.5 9.0 11.0 13.0 14.5 15.5 15.5 15.5 15.5 16.5 16.5 16.5 16	JUNE 5.5 6.5 7.0 8.0 9.5 10.0 10.0 9.5 8.5 8.0 9.5 12.0 13.5 14.5 13.5 14.0 13.5 14.5 13.5 14.0	6.5 7.0 8.0 9.0 10.5 11.0 11.0 11.0 9.0 9.0 8.5 9.5 11.0 13.5 14.5 15.0 14.5 15.5 15.5 14.5	15.0 18.5 18.0 16.0 16.0 15.5 14.5 12.5 14.0 14.0 14.5 15.5 16.0 15.0 16.0 17.0 16.5 17.0 17.0 17.0 17.0 17.5 18.0	JULY 13.0 13.5 15.5 14.0 12.0 11.5 13.0 12.5 12.0 11.5 13.5 14.0 15.0 14.5 14.5 14.5 14.5 14.5 14.5 14.5 14.5	14.0 16.0 16.5 15.0 13.5 14.0 13.0 13.0 12.0 13.5 14.5 15.5 14.5 15.5 16.5 14.5 14.0 14.5	12.0 10.5 11.5 13.0 14.0 15.0 16.5 16.5 15.5 15.0 15.0 14.5 16.5 17.5 17.5 17.5 17.0 16.0 13.0 12.0	10.0 10.0 10.5 10.5 12.5 13.0 14.5 14.5 14.0 14.0 14.0 13.5 13.5 14.0 16.0 16.5 15.5 14.5 15.0	11.0 10.5 11.0 11.5 13.0 14.0 15.5 15.5 15.5 15.0 14.5 14.5 14.5 14.0 14.0 14.5 16.5 17.0 16.0 15.5 16.0 16.0	11.0 10.0 8.0 7.0 6.5 6.5 7.5 9.0 8.0 8.5 7.0 7.0 7.0 7.0 7.0	9.5 8.0 7.0 6.0 6.0 5.5 6.0 7.5 7.5 7.0 6.5 5.5 6.0 5.0 5.0	10.0 9.5 7.0 6.5 6.0 6.5 8.0 7.5 7.5 7.0 6.5 6.0 6.5 6.0
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	7.0 7.5 9.0 10.5 11.5 11.5 11.5 11.0 10.0 9.5 9.0 11.0 14.5 16.0 15.5 15.5 15.5 15.5 16.0 15.5	JUNE 5.5 6.5 7.0 8.0 9.5 10.0 10.0 10.0 9.5 8.5 8.0 8.0 9.5 12.0 13.5 14.5 14.5 13.5 14.0 15.0 15.0 14.5	6.5 7.0 8.0 9.0 10.5 11.0 11.0 9.0 9.0 8.5 9.5 11.0 13.5 14.5 15.0 14.5 15.0 14.5 15.5 15.5	15.0 18.5 18.0 16.0 15.5 14.5 14.5 14.0 14.5 15.5 16.0 17.0 16.5 15.0 16.0 17.0 16.5 18.0	JULY 13.0 13.5 15.5 14.0 12.0 11.5 13.0 12.0 12.5 13.0 14.5 13.5 14.0 15.0 14.5 14.5 14.5 14.5 14.6 12.5 14.5 16.0	14.0 16.0 16.5 15.0 13.5 14.0 13.0 12.0 13.0 12.0 13.5 14.0 14.5 15.5 16.5 14.5 15.5 16.5 14.0	12.0 10.5 11.5 13.0 14.0 15.0 16.5 16.5 15.5 15.5 15.0 15.0 14.5 16.5 17.5 17.5 17.5 17.0 16.0 13.0	10.0 10.0 10.5 10.5 12.5 13.0 14.5 15.0 14.5 14.0 14.0 14.0 14.0 14.0 15.0 16.0 16.5 15.5 15.5	11.0 10.5 11.0 11.5 13.0 14.0 15.5 15.5 15.5 14.5 14.5 14.0 14.0 14.0 15.5 16.5 17.0 16.0 16.0 16.0 16.0 16.0 16.0 16.0 16	11.0 10.0 8.0 7.0 6.5 6.5 7.5 9.0 8.0 8.5 7.0 7.0 7.0 7.0 8.0 8.0	9.5 8.0 7.0 6.0 6.0 5.5 6.0 7.5 7.0 6.5 5.5 6.0 5.0 5.0 5.5	10.0 9.5 7.0 6.5 6.0 6.5 8.0 7.5 7.5 7.0 6.5 6.0 6.0 6.5 6.0
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	7.0 7.5 9.0 10.5 11.5 11.5 11.5 11.0 10.0 9.5 9.0 11.0 13.0 14.5 15.5 15.5 15.5 16.5 16.5 16.5 16.5 16	JUNE 5.5 6.5 7.0 8.0 9.5 10.0 10.0 9.5 8.5 8.5 8.0 9.5 12.0 13.5 14.5 13.5 14.0 13.5 15.0 14.5	6.5 7.0 8.0 9.0 10.5 11.0 11.0 11.0 9.0 9.0 8.5 9.5 11.0 13.5 14.5 15.0 14.5 15.5 15.5 14.5	15.0 18.5 18.0 16.0 16.0 15.5 14.5 12.5 14.0 14.0 14.5 15.5 16.0 17.0 16.5 17.0	JULY 13.0 13.5 15.5 14.0 12.0 11.5 13.0 12.5 12.0 11.5 13.5 14.0 14.5 14.5 14.5 14.5 14.5 14.5 16.0 16.5 17.0 14.0 13.0	14.0 16.0 16.5 15.0 13.5 13.5 14.0 13.0 13.0 12.0 13.5 14.5 15.5 14.5 15.5 14.5 15.5 14.0 14.5 15.5 16.5 17.0 17.5 17.0	12.0 10.5 11.5 13.0 14.0 15.0 16.5 16.5 15.5 15.0 15.0 14.5 16.5 17.5 17.5 17.5 17.5 17.0 16.0 13.0 12.0	10.0 10.0 10.5 10.5 12.5 13.0 14.5 14.5 14.0 14.0 14.0 13.5 13.5 14.0 16.5 15.0 16.5 15.5	11.0 10.5 11.0 11.5 13.0 14.0 15.5 15.5 15.5 15.5 14.0 14.5 14.5 14.0 14.5 16.0 16.0 17.0 16.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17	11.0 10.0 8.0 7.0 6.5 6.5 7.5 9.0 8.0 8.5 8.0 7.5 7.0 7.0 7.0 7.0 8.0 8.0	9.5 8.0 7.0 6.0 6.0 5.5 6.0 7.5 7.5 7.0 6.5 5.5 6.0 5.0 5.0 5.0	10.0 9.5 7.0 6.5 6.0 6.5 8.0 7.5 7.5 7.0 6.5 6.0 6.5 6.0
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 27 28 29 30	7.0 7.5 9.0 10.5 11.5 11.5 11.5 11.0 10.0 9.5 9.0 11.0 11.0 11.0 11.0 11.0 11.0 11.0	JUNE 5.5 6.5 7.0 8.0 9.5 10.0 10.0 9.5 8.5 8.0 9.5 12.0 13.5 14.5 11.5 13.5 14.0 13.5 15.0 14.5 13.5 14.0	6.5 7.0 9.0 10.5 11.0 11.0 11.0 9.0 9.0 8.5 9.5 11.0 13.5 14.5 15.0 14.5 15.0 14.5 15.5 14.5	15.0 18.5 18.0 16.0 16.0 15.5 14.5 12.5 14.0 14.0 15.5 16.0 15.0 16.0 17.0 16.5 15.0 17.0	JULY 13.0 13.5 15.5 14.0 12.0 11.5 13.0 12.5 12.0 11.5 13.5 14.0 15.0 14.5 14.5 14.5 14.5 14.5 14.5 14.5 14.	14.0 16.0 16.5 15.0 13.5 14.0 13.0 13.0 12.0 13.5 14.0 14.5 15.5 16.5 16.5 16.5 17.0 17.5 17.0 17.5 17.0 15.5 13.5	12.0 10.5 11.5 13.0 14.0 15.0 16.5 16.5 15.5 15.5 15.0 14.5 16.5 17.5 17.5 17.5 17.0 16.0 13.0 14.0	10.0 10.0 10.5 10.5 12.5 13.0 14.5 14.5 14.0 14.0 14.0 14.0 15.0 16.5 15.5 14.0 16.5 15.5 16.0 16.5 16.0 16.5 16.5 16.5 17.5 17.5 17.5 17.5 17.5 17.5 17.5 17	11.0 10.5 11.0 11.5 13.0 14.0 15.5 15.5 15.5 14.5 14.0 14.5 14.5 14.0 14.0 14.5 16.5 17.0 16.0 14.5 17.0 16.0	11.0 10.0 8.0 7.0 6.5 6.5 7.5 9.0 8.0 8.5 8.0 7.5 7.0 7.0 7.0	9.5 8.0 7.0 6.0 6.0 5.5 6.0 7.5 7.5 7.0 6.5 5.5 6.0 5.0 5.0 5.0	10.0 9.5 7.0 6.5 6.0 6.5 8.0 7.5 7.5 7.0 6.5 6.0 6.0 6.5 6.0
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	7.0 7.5 9.0 10.5 11.5 11.5 11.5 11.0 10.0 9.5 9.0 11.0 13.0 14.5 15.5 15.5 15.5 16.5 16.5 16.5 16.5 16	JUNE 5.5 6.5 7.0 8.0 9.5 10.0 10.0 9.5 8.5 8.5 8.0 9.5 12.0 13.5 14.5 13.5 14.0 13.5 15.0 14.5	6.5 7.0 8.0 9.0 10.5 11.0 11.0 11.0 9.0 9.0 8.5 9.5 11.0 13.5 14.5 15.0 14.5 15.5 15.5 14.5	15.0 18.5 18.0 16.0 16.0 15.5 14.5 12.5 14.0 14.0 14.5 15.5 16.0 17.0 16.5 17.0	JULY 13.0 13.5 15.5 14.0 12.0 11.5 13.0 12.5 12.0 11.5 13.5 14.0 14.5 14.5 14.5 14.5 14.5 14.5 16.0 16.5 17.0 14.0 13.0	14.0 16.0 16.5 15.0 13.5 13.5 14.0 13.0 13.0 12.0 13.5 14.5 15.5 14.5 15.5 14.5 15.5 14.0 14.5 15.5 16.5 17.0 17.5 17.0	12.0 10.5 11.5 13.0 14.0 15.0 16.5 16.5 15.5 15.0 15.0 14.5 16.5 17.5 17.5 17.5 17.5 17.0 16.0 13.0 12.0	10.0 10.0 10.5 10.5 12.5 13.0 14.5 14.5 14.0 14.0 14.0 13.5 13.5 14.0 16.5 15.0 16.5 15.5	11.0 10.5 11.0 11.5 13.0 14.0 15.5 15.5 15.5 15.5 14.0 14.5 14.5 14.0 14.5 16.0 16.0 17.0 16.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17	11.0 10.0 8.0 7.0 6.5 6.5 7.5 9.0 8.0 8.5 8.0 7.5 7.0 7.0 7.0 7.0 8.0 8.0	9.5 8.0 7.0 6.0 6.0 5.5 6.0 7.5 7.5 7.0 6.5 5.5 6.0 5.0 5.0 5.0	10.0 9.5 7.0 6.5 6.0 6.5 8.0 7.5 7.5 7.0 6.5 6.0 6.0 6.5 6.0