

NOAA / NATIONAL WEATHER SERVICE / ALASKA REGION

TECHNICAL INFORMATION PAPER NO.3

SUBJECT: Climatological Frequency Distributions
for Juneau, Alaska

AREA: Juneau, Alaska

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Paul Shannon

DATE: November 1983

ABSTRACT: Observed daily frequencies for various threshold values of temperature, precipitation, and snowfall have been derived from data collected at the Juneau International Airport between July 1943 and August 1983.

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1. Forecasting Precipitation Type. Herschel T. Knowles, January 1977.
2. Coast Guard Marine Survey. Herschel T. Knowles and Albert L. Comiskey, February 1977.
3. Valdez Wind Forecast Procedure. Herschel T. Knowles, April 1977.
4. Basic Considerations for Forecasting Temperatures in Alaska. Herschel T. Knowles and Albert L. Comiskey, May 1977.
5. An Objective Aid for Forecasting Precipitation. Herschel T. Knowles and Richard L. Crisci, December 1977.
6. Objective Guidance for Forecasting Sea Ice Drift. Richard L. Crisci, October 1978.

Alaska Region Technical Information Papers

1. The Arctic Front and Aviation Weather in Southeast Alaska during the Winter. Robert A. Kanan, May 1979.
2. Climatological Data for Juneau, Alaska. Richard Lomire, August 1979.

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CLIMATOLOGICAL FREQUENCY DISTRIBUTIONS

FOR JUNEAU, ALASKA

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National Weather Service Forecast Office

Juneau, Alaska

Daily high and low temperatures, daily total precipitation amounts, and daily snowfall amounts, have been recorded at the Juneau International Airport since July 1943. The following pages include daily summaries of these data through August 1983.

Each page of this paper contains observed daily frequencies of a particular element above or below a given threshold value. These include:

<u>ELEMENT</u>	<u>THRESHOLD</u>
Maximum Temperatures Greater Than:	a) 20° F b) 32° F c) 40° F d) 50° F e) 60° F f) 65° F g) 70° F
Minimum Temperatures Less Than:	a) 50° F b) 40° F c) 35° F d) 33° F e) 25° F f) 10° F g) 0° F
Precipitation More Than:	a) No Precipitation b) Measurable Precipitation (.01 inches or more) c) .05 in d) .10 in e) .25 in f) .50 in g) .99 in

OBSERVED FREQUENCY
ELEMENT
MAXIMUM
THRESHOLD
JANUARY 1ST DATE

Snowfall More Than:

- a) No Snowfall
- b) Measurable Snowfall
(.10 in or more)
- c) 1 in
- d) 2 in
- e) 4 in
- f) 5.9 in

A reader will find columns of numbers derived by dividing the number of times a given threshold was met on a given date by the total number of years that date occurred in the data set. As an example, the maximum temperature was greater than 20° F on 34 of the 40 January 1 dates between July 1943 and August 1983, or 85% of the cases. This is the number shown in the January 1st slot of the first table. A total of 14,672 days were summarized.

Each page also gives monthly and annual averages for each specification.

The thresholds listed were chosen after consulting with members of the construction and contracting industry. This was done to make the data useful in planning weather-sensitive activities.

Further information on the climate of Juneau is found in "Climatological Data for Juneau, Alaska," NOAA, NWS, Alaska Region Technical Information Paper No. 2, by Richard Lomire.

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DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YR
1	85	92	95	100	100	100	100	100	100	100	100	100	92
2	82	91	92	100	100	100	100	100	100	100	100	100	90
3	80	88	90	100	100	100	100	100	100	100	100	100	85
4	78	85	88	100	100	100	100	100	100	100	100	100	82
5	75	82	85	100	100	100	100	100	100	100	100	100	80
6	72	78	82	100	100	100	100	100	100	100	100	100	78
7	70	75	80	100	100	100	100	100	100	100	100	100	75
8	68	72	78	100	100	100	100	100	100	100	100	100	72
9	65	70	75	100	100	100	100	100	100	100	100	100	70
10	62	68	72	100	100	100	100	100	100	100	100	100	68
11	60	65	70	100	100	100	100	100	100	100	100	100	65
12	58	62	68	100	100	100	100	100	100	100	100	100	62
13	55	60	65	100	100	100	100	100	100	100	100	100	60
14	52	58	62	100	100	100	100	100	100	100	100	100	58
15	50	55	60	100	100	100	100	100	100	100	100	100	55
16	48	52	58	100	100	100	100	100	100	100	100	100	52
17	45	50	55	100	100	100	100	100	100	100	100	100	50
18	42	48	52	100	100	100	100	100	100	100	100	100	48
19	40	45	50	100	100	100	100	100	100	100	100	100	45
20	38	42	48	100	100	100	100	100	100	100	100	100	42
21	35	40	45	100	100	100	100	100	100	100	100	100	40
22	32	38	42	100	100	100	100	100	100	100	100	100	38
23	30	35	40	100	100	100	100	100	100	100	100	100	35
24	28	32	38	100	100	100	100	100	100	100	100	100	32
25	25	30	35	100	100	100	100	100	100	100	100	100	30
26	22	28	32	100	100	100	100	100	100	100	100	100	28
27	20	25	30	100	100	100	100	100	100	100	100	100	25
28	18	22	28	100	100	100	100	100	100	100	100	100	22
29	15	20	25	100	100	100	100	100	100	100	100	100	20
30	12	18	22	100	100	100	100	100	100	100	100	100	18
31	10	15	20	100	100	100	100	100	100	100	100	100	15
AVG	76	81	86	100	100	100	100	100	100	100	100	100	86

OBSERVED FREQUENCY (PERCENT) OF MAXIMUM TEMPERATURES GREATER THAN 20° F

PERIOD JUL 1943 - AUG 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YR
1	85	90	95	100	100	100	100	100	100	100	100	92	
2	82	92	92	100	100	100	100	100	100	100	100	88	
3	80	88	92	100	100	100	100	100	100	100	100	85	
4	77	82	92	100	100	100	100	100	100	100	100	85	
5	80	82	92	100	100	100	100	100	100	100	100	88	
6	75	85	92	100	100	100	100	100	100	100	100	85	
7	70	92	92	100	100	100	100	100	100	100	100	92	
8	60	95	97	100	100	100	100	100	100	100	100	82	
9	60	95	92	100	100	100	100	100	100	100	100	85	
10	55	90	97	100	100	100	100	100	100	100	97	85	
11	60	90	100	100	100	100	100	100	100	100	97	85	
12	70	88	97	100	100	100	100	100	100	100	100	80	
13	72	88	100	100	100	100	100	100	100	100	97	82	
14	72	88	100	100	100	100	100	100	100	100	97	82	
15	77	88	100	100	100	100	100	100	100	100	95	90	
16	82	88	100	100	100	100	100	100	100	100	90	92	
17	85	90	100	100	100	100	100	100	100	100	92	92	
18	88	90	100	100	100	100	100	100	100	100	97	88	
19	88	90	100	100	100	100	100	100	100	100	95	88	
20	88	95	100	100	100	100	100	100	100	100	92	88	
21	80	95	100	100	100	100	100	100	100	100	92	90	
22	72	95	100	100	100	100	100	100	100	100	97	88	
23	75	92	100	100	100	100	100	100	100	100	95	85	
24	77	95	97	100	100	100	100	100	100	100	88	92	
25	80	95	97	100	100	100	100	100	100	100	92	90	
26	77	92	100	100	100	100	100	100	100	100	92	90	
27	75	97	100	100	100	100	100	100	100	100	90	82	
28	72	97	100	100	100	100	100	100	100	100	95	85	
29	77	90	100	100	100	100	100	100	100	100	95	77	
30	88		100	100	100	100	100	100	100	100	92	77	
31	88		100		100		100	100		100		77	
AVG	76	91	98	100	100	100	100	100	100	100	96	86	96

OBSERVED FREQUENCY (PERCENT) OF MAXIMUM TEMPERATURES GREATER THAN 32° F

PERIOD JUL 1943 - AUG 1983

<u>DAY</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>YR</u>
1	52	50	67	95	100	100	100	100	100	100	95	63	
2	50	55	72	92	100	100	100	100	100	100	95	55	
3	47	50	67	97	100	100	100	100	100	100	97	57	
4	47	50	75	97	100	100	100	100	100	100	92	60	
5	50	57	77	95	100	100	100	100	100	100	95	55	
6	47	60	80	95	100	100	100	100	100	100	90	57	
7	42	67	85	97	100	100	100	100	100	100	90	57	
8	32	70	85	100	100	100	100	100	100	100	88	60	
9	35	67	80	100	100	100	100	100	100	100	92	65	
10	30	63	80	100	100	100	100	100	100	100	88	63	
11	32	63	88	100	100	100	100	100	100	100	85	60	
12	45	67	88	100	100	100	100	100	100	100	82	65	
13	45	60	82	100	100	100	100	100	100	100	75	65	
14	38	63	90	100	100	100	100	100	100	100	77	63	
15	42	70	92	100	100	100	100	100	100	100	67	65	
16	50	65	90	100	100	100	100	100	100	100	70	55	
17	45	65	88	100	100	100	100	100	100	100	72	47	
18	38	60	88	100	100	100	100	100	100	100	70	57	
19	45	52	92	100	100	100	100	100	100	100	70	60	
20	55	67	92	100	100	100	100	100	100	100	67	60	
21	57	75	88	100	100	100	100	100	100	100	67	50	
22	57	80	85	100	100	100	100	100	100	100	72	55	
23	57	82	88	100	100	100	100	100	100	100	75	45	
24	40	80	92	100	100	100	100	100	100	100	72	57	
25	42	77	95	100	100	100	100	100	100	100	72	67	
26	42	72	97	100	100	100	100	100	100	97	67	67	
27	40	67	97	100	100	100	100	100	100	97	60	55	
28	40	70	95	100	100	100	100	100	100	100	67	63	
29	45	70	97	100	100	100	100	100	100	100	67	57	
30	45		95	100	100	100	100	100	100	100	60	60	
31	47		97		100		100	100		97		57	
AVG	45	65	87	99	100	100	100	100	100	100	78	59	86

OBSERVED FREQUENCY (PERCENT) OF MAXIMUM TEMPERATURES GREATER THAN 40° F

PERIOD JUL 1943 - AUG 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YR
1	13	15	30	55	100	100	100	100	100	97	75	20	
2	10	13	30	42	100	100	100	100	100	97	63	15	
3	7	5	15	47	95	100	100	100	100	100	67	10	
4	7	10	17	57	97	100	100	100	100	97	52	10	
5	17	13	17	70	100	100	100	100	100	100	57	13	
6	10	17	20	75	100	100	100	100	100	100	47	13	
7	5	25	27	70	100	100	100	100	100	97	52	13	
8	5	17	30	88	100	100	100	100	100	95	50	15	
9	5	5	27	82	97	100	100	100	100	100	47	20	
10	13	10	38	82	100	100	100	100	100	92	47	13	
11	7	5	25	82	100	100	100	100	100	97	52	13	
12	7	13	30	90	100	100	100	100	100	100	47	15	
13	7	5	22	88	100	100	100	100	100	100	32	15	
14	5	10	30	90	100	100	100	100	100	100	27	22	
15	7	15	35	85	100	100	100	100	100	100	27	13	
16	10	5	32	90	100	100	100	100	100	97	22	7	
17	13	10	30	90	100	100	100	100	100	92	30	15	
18	13	10	40	85	100	100	100	100	100	90	22	20	
19	7	13	50	95	100	100	100	100	100	92	32	20	
20	13	10	35	88	100	100	100	100	100	88	27	15	
21	15	17	40	97	100	100	100	100	100	90	38	13	
22	17	27	52	97	100	100	100	100	100	90	38	20	
23	13	35	45	92	100	100	100	100	100	88	22	20	
24	5	15	42	100	100	100	100	100	100	85	22	10	
25	7	20	40	95	100	100	100	100	100	88	30	10	
26	10	30	42	97	100	100	100	100	100	80	22	13	
27	10	32	45	97	100	100	100	100	100	77	30	10	
28	2	25	55	100	100	100	100	100	100	65	30	15	
29	2	20	67	100	100	100	100	100	100	72	27	15	
30	10		55	100	100	100	100	100	100	77	17	15	
31	7		55		100		100	100		72		13	
AVG	9	15	36	84	100	100	100	100	100	91	39	14	66

OBSERVED FREQUENCY (PERCENT) OF MAXIMUM TEMPERATURES GREATER THAN 50° F
PERIOD JUL 1943 - AUG 1983

<u>DAY</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>YR</u>
1				2	55	92	95	100	97	60	13		
2				7	47	92	95	100	95	55	5		
3				10	42	85	100	100	97	40	13		
4				5	50	92	98	100	90	42	2		
5				7	50	90	100	100	90	52	2		
6	2			7	60	90	100	100	97	57			
7				13	65	95	98	100	100	45			
8				10	52	95	100	100	92	35			
9				17	70	92	100	100	88	32			
10				13	60	100	100	100	95	22	2	2	
11			2	5	72	92	100	100	97	27			
12				13	60	95	100	100	97	22	2	2	
13				15	50	95	100	98	100	25	2		
14				17	65	97	100	100	95	13	2		
15	2			7	75	97	100	98	92	17	5		
16				15	80	95	100	100	82	20			
17				20	75	95	100	100	92	10			
18	2			20	60	90	100	100	90	22			
19	2	2		25	70	95	100	98	85	10			
20		2	2	30	72	97	100	100	85	10			
21				22	77	100	100	98	80	13			
22				38	67	100	100	100	82	13			
23				42	82	97	100	100	72	10			
24			2	47	82	97	100	100	77	7			
25			2	47	80	97	100	100	77	5			
26				52	82	97	100	100	77	7			
27				38	80	95	100	98	72	7	2		
28				40	95	97	100	100	75	10			
29			5	47	90	97	100	95	67	5			
30			7	45	90	97	100	100	60	5			
31			5		80		100	98		10			
AVG	0	0	1	23	69	95	100	99	87	23	2	0	42

OBSERVED FREQUENCY (PERCENT) OF MAXIMUM TEMPERATURES GREATER THAN 60° F
PERIOD JUL 1943 - AUG 1983

<u>DAY</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>YR</u>
1					5	38	54	56	38	2			
2					10	38	54	59	30				
3					13	38	51	68	32				
4					13	40	61	66	35				
5					10	40	71	63	17				
6					17	63	56	63	20				
7					13	52	61	59	27				
8					20	63	73	49	30				
9				2	22	60	78	63	30				
10					27	47	78	66	32	2			
11					20	38	71	61	35				
12					20	52	56	66	38				
13					20	40	63	56	27				
14					20	45	54	46	30				
15					25	45	66	59	20				
16					25	57	49	41	22				
17					22	55	66	56	17				
18					25	55	63	61	10				
19				2	22	60	39	54	13				
20				2	20	45	49	44	13				
21				2	17	47	51	59	7				
22				5	30	50	54	37	5				
23				2	32	50	49	41	7				
24				7	30	45	51	51	5				
25				7	20	50	66	51	5				
26				10	35	55	51	44					
27				13	32	50	56	56					
28				10	38	47	76	54	2				
29				7	25	57	73	46					
30				10	38	45	61	46	2				
31					45		49	27					
AVG	0	0	0	3	23	49	60	54	18	0	0	0	18

OBSERVED FREQUENCY (PERCENT) OF MAXIMUM TEMPERATURES GREATER THAN 65° F
 PERIOD JUL 1943 - AUG 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YR
1						15	27	27	15				
2						25	29	39	20				
3						22	24	41	17				
4					5	22	32	39	15				
5					2	30	46	32	7				
6					2	32	41	46	5				
7					2	38	49	29	7				
8					13	42	46	37	7				
9					10	30	46	32	13				
10					17	25	51	41	7				
11					2	20	37	41	5				
12					7	25	39	41	5				
13					13	22	32	41	2				
14					10	30	29	39	7				
15					7	30	32	20					
16					7	35	32	29	2				
17					7	32	34	29	5				
18					15	38	32	37					
19					15	27	15	32					
20				2	13	27	24	34					
21					10	30	29	29					
22					15	30	29	22					
23					17	30	37	24					
24				2	13	22	37	27					
25					13	32	37	27					
26					10	32	34	29					
27					5	15	27	37	29				
28				2	17	25	46	20	2				
29					17	22	46	20					
30				5	22	25	39	24					
31					15		32	15					
AVG	0	0	0	1	10	28	35	31	5	0	0	0	9

OBSERVED FREQUENCY (PERCENT) OF MAXIMUM TEMPERATURES GREATER THAN 70° F
PERIOD JUL 1943 - AUG 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YR
1						7	5	17					1
2						15	2	10					1
3						17	15	24					3
4						10	24	29	2				4
5						17	24	20	2				5
6					2	27	22	24					6
7					2	27	27	12					7
8						27	22	17					8
9						20	27	15					9
10						13	29	27					10
11						17	27	29					11
12						17	15	20					12
13						7	15	22					13
14						17	22	22					14
15						10	20	12					15
16						17	22	20					16
17					2	15	17	7					17
18					10	15	15	15					18
19					7	17	12	12					19
20					5	10	15	15					20
21					7	10	15	15					21
22					7	10	17	12					22
23					2	17	17	7					23
24					2	13	20	7					24
25					2	17	22	7					25
26					2	15	29	7					26
27					2	15	22	5					27
28					10	13	29	2					28
29					7	2	22	7					29
30					13	7	24	10					30
31					13		24	5					31
AVG	0	0	0	0	3	15	20	15	0	0	0	0	5

OBSERVED FREQUENCY (PERCENT) OF MINIMUM TEMPERATURES LESS THAN 50° F

PERIOD JUL 1943 - AUG 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YR
1	100	100	100	100	100	97	88	63	90	92	100	100	
2	100	100	100	100	100	100	85	63	92	100	100	100	
3	100	100	100	100	100	100	80	63	95	100	100	100	
4	100	100	100	100	100	97	88	61	97	100	100	100	
5	100	100	100	100	100	95	90	71	88	100	100	100	
6	100	100	100	100	100	100	85	66	77	97	100	100	
7	100	100	100	100	100	100	71	66	90	100	100	100	
8	100	100	100	100	100	92	78	59	85	100	100	100	
9	100	100	100	100	100	85	68	71	95	97	100	100	
10	100	100	100	100	100	92	71	73	88	97	100	100	
11	100	100	100	100	100	92	73	73	90	97	100	100	
12	100	100	100	100	100	92	66	80	85	100	100	100	
13	100	100	100	100	100	97	68	76	85	100	100	100	
14	100	100	100	100	100	95	63	80	90	97	100	100	
15	100	100	100	100	100	92	63	76	95	100	100	100	
16	100	100	100	100	100	88	61	68	95	100	100	100	
17	100	100	100	100	100	90	73	83	90	100	100	100	
18	100	100	100	100	100	85	63	80	92	100	100	100	
19	100	100	100	100	100	85	59	83	92	97	100	100	
20	100	100	100	100	100	92	63	78	97	100	100	100	
21	100	100	100	100	100	92	63	76	95	100	100	100	
22	100	100	100	100	100	95	66	73	100	100	100	100	
23	100	100	100	100	97	95	71	73	97	100	100	100	
24	100	100	100	100	100	88	66	83	97	100	100	100	
25	100	100	100	100	100	92	73	83	95	100	100	100	
26	100	100	100	100	100	80	68	78	97	100	100	100	
27	100	100	100	100	100	77	68	93	100	100	100	100	
28	100	100	100	100	97	80	59	90	100	100	100	100	
29	100	100	100	100	100	80	59	85	95	100	100	100	
30	100		100	100	95	92	61	90	95	100	100	100	
31	100		100		97		68	80		100		100	
AVG	100	100	100	100	100	91	70	75	93	99	100	100	94

OBSERVED FREQUENCY (PERCENT) OF MINIMUM TEMPERATURES LESS THAN 40° F

PERIOD JUL 1943 - AUG 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YR
1	100	97	97	100	77	13		2	7	40	80	97	
2	100	97	100	100	75	17			13	35	82	95	
3	100	100	100	97	82	25	5	2	15	38	82	97	
4	100	100	100	95	88	13	2	2	13	45	85	100	
5	100	97	100	97	75	17	2	2	25	50	85	100	
6	97	97	100	97	72	22			15	47	90	100	
7	100	97	100	100	75	13	2		22	45	82	90	
8	100	97	100	100	67	17	7		25	52	90	97	
9	100	100	100	100	77	17	5		30	50	82	100	
10	95	100	97	95	60	10	7	2	35	52	92	95	
11	95	100	100	95	67	7	2	2	38	42	88	97	
12	100	100	100	97	70	10			22	45	95	100	
13	100	100	100	97	60	15	2	2	20	40	95	95	
14	97	100	97	97	55	17	2		22	57	97	95	
15	97	100	97	97	50	13	2	5	30	57	95	100	
16	97	100	100	97	45	15		5	27	65	95	97	
17	100	100	100	97	52	5		2	30	65	100	97	
18	97	100	100	97	47	5		7	27	67	100	97	
19	100	97	97	100	45	10	5	7	20	72	100	97	
20	100	100	100	97	50	5		7	22	80	82	100	
21	100	97	100	97	40	10		7	35	67	90	100	
22	100	100	100	97	40	10		7	35	77	90	95	
23	100	97	100	97	47	2		10	30	77	95	97	
24	97	100	100	97	47		2	10	30	80	92	97	
25	100	100	100	90	38	7		17	38	80	90	97	
26	100	97	100	90	32	7		17	35	67	92	100	
27	100	100	100	95	27			15	47	77	95	100	
28	100	100	100	88	25	5		15	47	77	92	100	
29	100	100	100	95	32	5		10	35	67	100	100	
30	100		100	82	22		2	15	35	70	97	100	
31	97		97		32		2	10		70		100	
AVG	99	99	100	96	54	11	2	6	28	60	91	98	61

OBSERVED FREQUENCY (PERCENT) OF MINIMUM TEMPERATURES LESS THAN 35° F

PERIOD JUL 1943 - AUG 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YR
1	92	92	92	90	42	7				10	55	88	
2	90	90	88	82	30	2			5	20	50	85	
3	88	97	88	75	52	5				20	45	92	
4	95	88	85	90	45	7				22	63	90	
5	90	90	88	92	45	5				32	67	88	
6	92	90	92	85	38	2			7	32	70	88	
7	95	88	90	77	30	5			5	32	63	85	
8	97	95	92	80	30	2			13	27	70	82	
9	95	97	90	80	45	2			10	30	65	85	
10	92	97	90	67	30	2			7	30	70	90	
11	90	100	97	65	17	2			10	17	75	90	
12	95	97	95	80	22				7	22	75	88	
13	100	95	90	70	22	2			2	22	82	85	
14	90	95	95	82	10	5			7	20	80	75	
15	90	95	92	70	22				10	20	67	90	
16	90	95	95	72	15				13	30	75	88	
17	88	100	82	63	20				13	35	77	82	
18	85	92	90	50	10			2	7	30	72	92	
19	90	90	82	67	13			2	10	35	77	88	
20	95	90	95	77	10				5	38	70	95	
21	88	90	90	65	13	2			7	38	65	90	
22	88	90	90	70	7	2			17	42	67	85	
23	92	90	90	70	15				13	42	77	88	
24	92	92	92	60	10			2	13	45	82	92	
25	97	88	92	45	7			2	15	45	75	92	
26	97	92	85	52	10	2		2	22	35	77	92	
27	90	90	88	60	7				22	47	77	92	
28	97	90	82	60	2			2	17	50	75	85	
29	95	100	88	50	7			2	13	32	80	90	
30	90		82	57	10				15	35	88	90	
31	95		82		10			2		45		88	
AVG	92	93	89	70	21	2	0	1	10	32	71	88	47

OBSERVED FREQUENCY (PERCENT) OF MINIMUM TEMPERATURES LESS THAN 33° F

PERIOD JUL 1943 - AUG 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YR
1	80	85	80	70	32					10	45	75	
2	82	82	77	63	27				2	17	38	80	
3	77	82	80	60	32	2				15	45	77	
4	80	82	80	67	38					17	57	80	
5	88	82	82	75	38					25	55	80	
6	80	72	72	67	27					27	50	77	
7	92	70	75	60	17	2			2	30	57	70	
8	92	75	75	67	22				5	27	55	77	
9	90	88	82	63	35				5	22	52	77	
10	85	95	82	55	22				2	22	57	82	
11	88	95	88	50	10				7	15	65	77	
12	90	90	88	57	7				5	13	63	70	
13	77	88	85	52	15	2				17	70	57	
14	85	92	90	60	7				5	17	67	60	
15	82	92	82	55	15				5	20	55	82	
16	82	88	72	50	10				7	22	75	82	
17	77	88	77	47	7				7	30	67	80	
18	75	82	77	40	10				5	22	67	88	
19	80	80	72	47	13				5	32	65	75	
20	82	75	80	57	2				2	30	67	88	
21	80	77	77	40	7				7	32	57	88	
22	75	70	72	47	2				5	40	60	80	
23	82	67	82	50	5				7	32	65	77	
24	90	67	85	45	5			2	7	35	65	82	
25	90	72	67	32	2			2	10	38	65	77	
26	92	75	60	45	5			2	20	30	70	82	
27	85	75	77	45	2				13	35	65	75	
28	95	67	65	42				2	15	40	65	75	
29	92	80	77	35					7	27	72	72	
30	85		75	40	7				7	22	77	77	
31	82		77		2					38		77	
AVG	84	81	78	53	14	0	0	0	6	26	61	77	40

OBSERVED FREQUENCY (PERCENT) OF MINIMUM TEMPERATURES LESS THAN 25° F

PERIOD JUL 1943 - AUG 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YR
1	50	57	45	15							13	47	
2	57	52	50	27							7	45	
3	57	60	42	20						2	13	40	
4	52	60	42	22						2	15	40	
5	57	55	40	27						2	15	45	
6	55	52	42	13						2	22	45	
7	57	40	35	15						5	22	42	
8	65	45	35	15						2	22	38	
9	65	47	38	7						7	25	45	
10	67	47	45	10						5	27	42	
11	65	42	42	10						5	30	47	
12	57	55	35	5						5	32	35	
13	57	60	42	7							32	32	
14	65	55	45	5							30	42	
15	60	50	32	2						2	40	42	
16	55	55	38								32	55	
17	52	57	35	2						5	32	50	
18	57	47	38	2						5	35	42	
19	55	55	38	15						2	38	52	
20	52	45	38	7						5	38	45	
21	55	40	32	2							32	57	
22	45	32	30							7	25	57	
23	57	25	27							10	27	55	
24	63	38	32	2					2	5	30	40	
25	75	42	32	5					2	10	32	47	
26	65	42	25	5					2	15	32	45	
27	67	50	15							15	38	42	
28	63	50	17	2						10	32	40	
29	57	50	27	2						10	30	40	
30	63		25	2						7	45	42	
31	60		22							10		50	
AVG	59	49	35	8	0	0	0	0	0	5	28	45	19

OBSERVED FREQUENCY (PERCENT) OF MINIMUM TEMPERATURES LESS THAN 10° F
 PERIOD JUL 1943 - AUG 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YR
1	22	15	17									5	
2	25	25	17	2								15	
3	25	25	15									13	
4	30	30	13	2								17	
5	27	25	15	2								15	
6	30	20	10								2	17	
7	45	10	10									15	
8	50	15	7									13	
9	47	17	7									13	
10	45	20	7								2	10	
11	45	15	5								5	20	
12	42	15	10								5	15	
13	38	20	5								2	25	
14	35	22	2								5	20	
15	25	22	5								7	15	
16	22	20	5								10	15	
17	30	20	2								13	13	
18	30	20	2								13	17	
19	17	22									17	15	
20	22	17									17	17	
21	27	13									20	25	
22	27	15	2								7	17	
23	30	10	5								7	17	
24	27	17	2								10	17	
25	32	13	5								13	20	
26	30	15	5								13	20	
27	32	17	2								13	22	
28	32	22									10	22	
29	32	20									13	22	
30	22										13	27	
31	27		2									30	
AVG	31	19	6	0	0	0	0	0	0	0	7	18	7

OBSERVED FREQUENCY (PERCENT) OF MINIMUM TEMPERATURES LESS THAN 0° F

PERIOD JUL 1943 - AUG 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YR
1	7	7	2									5	1
2	5	7	7									2	2
3	2	13	2									5	3
4	5	10	2									7	4
5	13	10	5									2	5
6	15	5	5									5	6
7	17	5	5									5	7
8	25		5									7	8
9	17	2	2									7	9
10	22	10	2									2	10
11	27	10										7	11
12	20	10	2									7	12
13	20	13										10	13
14	20	7										10	14
15	17	5										7	15
16	13	10										5	16
17	15	5											17
18	10	5											18
19	10	7											19
20	10	10									2	5	20
21	7	7									2	5	21
22	15	5									2	5	22
23	15	2										5	23
24	13											2	24
25	15	2	2									2	25
26	15	2	2									7	26
27	17											5	27
28	13										2	7	28
29	17											13	29
30	10											13	30
31	10											7	31
AVG	14	6	2	0	0	0	0	0	0	0	0	6	2

OBSERVED FREQUENCY (PERCENT) OF NO PRECIPITATION

PERIOD JUL 1943 - AUG 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YR
1	22	15	32	32	30	25	24	27	25	15	20	15	
2	27	30	25	30	32	30	15	27	22	17	17	17	
3	22	35	27	22	30	30	24	39	32	20	22	22	
4	27	30	17	25	32	35	32	41	22	15	22	22	
5	22	25	27	40	32	38	39	29	10	27	17	17	
6	22	30	22	25	30	47	34	37	20	25	25	20	
7	35	13	27	25	42	40	44	22	22	22	22	22	
8	32	22	22	35	38	42	51	24	27	15	20	20	
9	35	25	30	32	35	40	44	27	27	17	15	17	
10	38	35	25	22	30	32	41	37	35	17	27	13	
11	30	35	27	27	32	27	27	37	32	7	27	5	
12	30	38	32	30	27	35	27	34	27	7	20	7	
13	30	32	20	30	22	35	22	29	17	10	22	10	
14	27	25	22	25	20	38	29	29	20	17	30	13	
15	25	22	30	22	25	32	34	27	25	17	17	22	
16	20	32	22	25	38	42	34	20	25	17	22	22	
17	22	35	27	22	32	30	24	27	27	15	27	30	
18	25	25	32	20	22	30	22	32	17	15	25	27	
19	30	17	27	30	25	20	17	29	20	15	27	20	
20	32	13	30	22	22	25	17	34	32	17	30	25	
21	40	15	27	27	25	27	20	32	25	10	17	32	
22	30	20	32	40	22	40	20	24	17	17	20	35	
23	27	20	25	40	27	30	27	24	15	20	20	22	
24	35	27	38	40	30	20	29	41	20	10	25	13	
25	32	30	22	32	25	15	39	39	22	13	13	17	
26	38	27	25	38	22	32	29	29	17	17	17	22	
27	32	32	17	35	22	27	34	32	17	20	27	22	
28	27	35	32	38	27	20	39	37	17	13	17	22	
29	25	40	35	35	20	27	32	27	17	10	27	32	
30	32		30	40	35	30	22	34	13	5	27	25	
31	27		25		40		32	20		2		25	
AVG	29	27	27	30	29	31	30	31	22	15	22	21	26

OBSERVED FREQUENCY (PERCENT) OF MEASURABLE (.01 IN OR MORE) PRECIPITATION

PERIOD JUL 1943 - AUG 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YR
1	65	60	47	50	52	57	56	59	65	80	70	63	
2	60	60	57	63	57	55	66	49	72	80	70	67	
3	70	47	57	72	55	60	59	44	60	75	72	70	
4	55	45	57	55	60	55	56	46	72	77	63	65	
5	67	63	60	50	52	40	49	59	80	65	75	65	
6	60	55	55	55	57	32	56	61	72	67	67	72	
7	52	77	52	60	50	45	46	61	72	67	70	67	
8	55	65	55	52	47	38	37	68	65	70	75	75	
9	55	67	60	57	40	30	27	59	67	67	65	72	
10	52	47	52	55	57	47	41	49	55	72	57	70	
11	57	55	57	63	57	47	51	49	57	88	63	85	
12	52	55	57	55	52	55	56	49	60	82	63	75	
13	63	47	63	60	65	60	56	54	72	85	65	85	
14	60	55	60	60	60	55	51	61	65	67	57	70	
15	70	63	60	67	57	47	54	63	63	75	70	67	
16	70	52	72	67	60	42	59	61	60	67	70	63	
17	67	52	52	57	55	57	56	56	63	77	63	63	
18	52	63	52	70	70	50	56	46	75	82	63	63	
19	50	65	57	60	57	55	76	63	70	72	55	70	
20	57	72	47	65	57	63	71	63	52	72	57	63	
21	55	75	57	60	57	57	59	59	65	75	65	57	
22	63	70	55	52	52	47	68	71	75	67	63	57	
23	52	65	55	40	57	50	61	63	65	72	70	72	
24	47	67	40	47	52	60	56	46	75	80	67	67	
25	50	52	63	50	63	65	46	51	70	72	77	63	
26	42	57	65	47	47	50	56	63	70	77	65	72	
27	50	55	65	52	55	63	59	54	67	75	63	75	
28	52	57	57	55	52	63	41	49	72	82	67	70	
29	57	40	57	55	52	57	46	59	72	90	65	60	
30	52		55	40	52	52	61	56	82	85	42	57	
31	57		63		47		61	73		77		65	
AVG	57	59	57	56	55	52	54	57	68	76	65	68	60

OBSERVED FREQUENCY (PERCENT) OF MORE THAN .05 IN OF PRECIPITATION

PERIOD JUL 1943 - AUG 1983

<u>DAY</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>YR</u>
1	45	42	30	38	40	47	41	41	60	72	60	47	
2	50	50	32	47	38	42	39	37	52	65	57	45	
3	55	32	47	45	47	45	46	32	42	60	60	47	
4	38	30	50	47	42	38	37	29	52	65	45	45	
5	55	42	42	40	40	27	27	39	60	47	50	55	
6	45	47	38	30	38	27	37	46	63	55	52	52	
7	35	52	38	42	45	27	34	51	55	57	42	52	
8	47	45	40	32	32	25	27	51	57	65	57	60	
9	45	57	45	40	30	27	22	54	52	55	47	47	
10	38	38	27	38	45	30	27	44	40	57	32	57	
11	45	42	40	42	45	25	34	39	42	75	45	52	
12	45	47	45	38	38	35	49	37	50	72	32	60	
13	47	32	42	32	50	45	44	41	55	67	45	47	
14	45	45	42	38	38	35	41	56	52	57	47	52	
15	50	47	50	45	38	40	32	51	40	72	47	47	
16	47	30	47	32	45	35	41	51	40	60	42	52	
17	42	32	38	50	42	40	44	51	50	63	45	38	
18	40	38	42	55	42	38	32	27	65	72	52	42	
19	38	38	27	47	50	30	66	56	50	55	45	52	
20	45	50	35	38	47	38	49	54	40	52	52	45	
21	40	52	38	42	35	38	49	44	55	57	52	27	
22	50	45	38	30	42	38	49	54	63	60	50	40	
23	42	45	22	20	32	35	46	56	60	60	47	55	
24	27	45	32	40	27	47	39	37	65	65	45	40	
25	27	42	42	30	45	30	41	39	60	60	63	50	
26	22	38	50	40	40	35	41	54	45	65	45	57	
27	35	40	45	32	42	42	44	34	52	67	52	52	
28	27	38	45	32	35	47	29	46	57	70	47	57	
29	35	20	38	35	32	38	34	49	67	60	47	47	
30	38		40	20	32	42	49	46	77	77	38	38	
31	35		35		40		54	56		65		45	
AVG	41	42	40	38	40	36	40	45	54	63	48	49	45

OBSERVED FREQUENCY (PERCENT) OF MORE THAN .10 IN OF PRECIPITATION

PERIOD JUL 1943 - AUG 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YR
1	42	30	17	30	38	35	32	39	42	60	47	35	
2	38	42	25	40	32	40	37	29	50	55	50	32	
3	42	20	40	42	32	32	41	24	38	55	55	42	
4	32	25	47	38	27	27	32	27	40	52	40	30	
5	45	38	25	22	30	20	20	34	55	42	40	35	
6	32	40	30	27	30	25	27	34	45	50	47	42	
7	30	42	30	32	38	22	29	44	42	42	32	42	
8	35	35	32	17	22	15	20	49	50	57	55	47	
9	30	45	38	30	27	22	20	46	47	50	38	42	
10	27	25	22	30	32	25	15	32	32	45	25	50	
11	30	27	27	35	27	20	27	34	40	65	35	38	
12	40	38	20	22	22	25	44	24	38	67	22	38	
13	40	32	27	20	30	42	29	37	50	65	40	35	
14	35	35	32	35	30	27	37	51	47	52	30	45	
15	40	45	38	27	27	32	24	37	27	60	47	35	
16	42	17	32	30	32	30	32	39	30	57	30	47	
17	35	27	30	40	35	38	32	39	40	55	42	32	
18	32	30	32	35	38	25	32	24	57	65	45	32	
19	32	38	22	40	38	25	59	44	50	45	40	40	
20	35	40	27	27	42	22	41	49	32	40	35	38	
21	27	38	35	30	27	27	44	34	52	52	40	25	
22	42	32	22	20	38	30	41	39	55	52	42	32	
23	32	35	17	13	25	30	44	51	57	42	35	47	
24	20	30	25	25	22	38	29	32	63	55	35	30	
25	15	30	25	20	32	25	27	34	47	47	50	42	
26	17	22	45	35	25	15	34	46	35	45	38	40	
27	25	27	42	27	35	40	41	32	47	52	38	27	
28	25	30	32	25	30	35	24	37	47	47	42	45	
29	27	20	30	17	27	22	32	46	60	55	38	38	
30	38		27	15	25	27	39	32	63	72	25	32	
31	25		25		32		46	51		57		35	
AVG	33	33	30	28	31	28	33	38	46	54	39	38	36

OBSERVED FREQUENCY (PERCENT) OF MORE THAN .25 IN OF PRECIPITATION

PERIOD JUL 1943 - AUG 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YR
1	25	17	7	7	13	20	12	20	27	30	30	17	
2	13	22	10	22	20	25	15	24	38	42	32	15	
3	25	7	20	15	15	20	22	20	30	32	40	13	
4	20	7	22	17	15	7	15	22	22	32	17	17	
5	20	20	10	13	17	10	5	17	32	32	30	20	
6	15	25	17	7	15	10	20	17	25	35	32	25	
7	10	22	20	7	22	13	15	24	25	27	10	25	
8	10	13	17	10	10	5	7	34	35	35	35	27	
9	15	25	15	13	10	13	15	32	30	32	20	13	
10	10	13	13	7	15	10	10	17	27	35	13	22	
11	13	10	13	25	15	5	10	15	25	45	17	17	
12	27	15	13	7	10	13	27	20	27	38	13	15	
13	22	17	15	10	7	30	17	37	38	42	17	17	
14	13	25	10	10	15	10	29	34	38	38	17	27	
15	15	25	20	17	17	17	10	17	17	32	30	15	
16	22	13	15	20	10	13	22	32	10	35	22	25	
17	17	7	20	10	17	5	15	24	32	35	13	17	
18	15	10	22	20	17	15	15	12	38	42	20	17	
19	15	20	10	13	20	13	34	24	25	22	22	22	
20	20	27	10	13	20	10	29	32	17	25	20	15	
21	13	20	17	15	7	10	27	17	30	27	30	10	
22	22	13	10	5	25	20	24	17	27	40	27	15	
23	10	15	7	2	10	17	32	41	47	25	17	15	
24	2	15	17	7	10	17	17	15	40	27	22	15	
25	2	15	15	10	25	13	10	22	25	30	22	17	
26	7	13	27	17	20	13	20	29	20	32	22	13	
27	7	13	15	13	22	17	32	12	35	27	20	20	
28	13	15	22	15	17	17	17	20	27	30	25	27	
29	13	20	15	2	13	15	20	27	42	32	10	22	
30	22		7	10	10	13	22	17	50	40	13	13	
31	15		7		20		29	41		32		15	
AVG	15	16	15	12	16	14	19	24	30	33	22	18	20

OBSERVED FREQUENCY (PERCENT) OF MORE THAN .50 IN OF PRECIPITATION

PERIOD JUL 1943 - AUG 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YR
1	7	13	2		2	7	5	5	17	20	17	7	
2	5	2		7	10	15	10	12	13	17	20	5	
3	13	2	5	7		7	5	12	15	5	20	7	
4	10	5	5	7			12	10	13	5	7		
5	13	7		2	2		5	10	13	25	10	13	
6	10	7	5	5	10	5	7	12	10	22	7	5	
7	2	10	7	2	7	2	2	10	15	15	5	10	
8	2	7	2	2		2	2	12	20	15	22	7	
9	5	7	5	5	2		5	7	15	17	7	7	
10	5		5		7	5	2	10	13	17	5	7	
11	5	5	5	5	5		7	12	7	15	13	10	
12	17	2	2		2	2	2	7	13	13	5	2	
13	7	2	7	2	2	10	7	15	15	13	7	5	
14	5	7	7		2	2	12	17	25	22	10	7	
15	10	5	2	2	2	5	5	10	7	17	15	7	
16	7	5	5	10	5	5	10	12		17	7	5	
17		2	2	7	5		7	10	20	17	7	13	
18	2	2	7	2		2	7	5	13	17	10	5	
19	2	7	2	5	10	2	12	12	13	13	10	10	
20	7	7	2	2	5	5	10	10	7	10	17	2	
21	5	5	5	2			5	10	25	15	17	5	
22	5	5			10	5	15	10	15	20	7	5	
23	5				2	7	12	22	17	13	2		
24		7	7	2	2		5	2	25	10	15		
25		5	2	2	2	2	2	10	13	13	5	2	
26	2	2	5	7	5	2	15	12	13	17	10	2	
27	2		2	7	5	2	20	10	15	7	7	10	
28	5	2	10	7	5	5	7	7	10	13	13	20	
29	5		7		2	13	7	7	27	20	7	10	
30	7					5	7	2	30	20	5	5	
31	5		2		10		12	15		7		10	
AVG	6	5	4	4	4	4	8	10	15	15	11	7	8

OBSERVED FREQUENCY (PERCENT) OF MORE THAN .99 IN OF PRECIPITATION

PERIOD JUL 1943 - AUG 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YR
1		5					2			10	2	2	
2				2	2	2	5	2		5	10		
3	2			2				10	2	2	5		
4	5							2	5	5	5		
5	5	2			2		2	2	2	10		5	
6	2	5	2		2		2	2	2	5			
7		5						2	5		2		
8							2		10	5	5	2	
9		2							5	7			
10						2	2	5		5		2	
11			2				2	2		5	2		
12	7				2	2	2	2	2	5	2		
13	2	2	2				2	2	5	2	2	2	
14	2		5		2			2	15	5	7	2	
15	7						2			5	5		
16						2		2		2	2		
17			2				2	2	2	5	2	2	
18	2		2	2			2		7	10	2		
19		2			2			2	10	2	2		
20	2				2	2	2		5	2	2		
21		2	2				2		10	2	7		
22	2						5	2	5	10		2	
23								7	7	5			
24		2							15	2	5		
25		2						2	2	7	2	2	
26					2			10	2	13	2		
27					2	2	2	2	2	2		2	
28			2				5		2	5	5	5	
29	5					2			15	5	2	2	
30						2	2			7	2		
31								2					
AVG	2	1	1	0	1	1	2	2	5	5	3	1	2

OBSERVED FREQUENCY (PERCENT) OF NO SNOWFALL

PERIOD JUL 1943 - AUG 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YR
1	38	40	57	60	95	100	100	100	100	100	72	42	
2	45	52	50	55	95	100	100	100	100	92	77	32	
3	38	52	42	57	88	100	100	100	100	97	82	35	
4	45	47	32	57	88	100	100	100	100	97	67	35	
5	38	45	47	60	97	100	100	100	100	100	65	38	
6	45	52	45	70	97	100	100	100	100	95	70	35	
7	42	42	50	70	95	100	100	100	100	97	72	42	
8	35	45	42	72	95	97	100	100	100	100	60	42	
9	47	40	47	70	95	100	100	100	100	100	67	52	
10	50	50	42	72	95	100	100	100	100	97	80	42	
11	45	42	42	67	92	100	100	100	100	95	72	32	
12	40	45	42	80	95	100	100	100	100	92	60	32	
13	42	47	35	77	97	100	100	100	100	97	60	45	
14	47	38	35	57	95	100	100	100	97	97	63	47	
15	45	38	45	63	100	100	100	100	100	97	57	45	
16	35	52	40	65	100	100	100	100	100	97	55	35	
17	45	47	47	65	100	100	100	100	100	97	55	52	
18	47	42	52	75	100	100	100	100	100	92	57	47	
19	50	32	52	72	100	100	100	100	100	90	65	47	
20	55	35	55	75	100	100	100	100	100	92	70	42	
21	65	47	38	77	100	100	100	100	100	85	63	45	
22	55	47	52	90	100	100	100	100	97	90	65	55	
23	42	52	50	88	97	100	100	100	100	95	57	38	
24	52	57	50	88	97	100	100	100	97	80	65	30	
25	42	55	35	95	97	100	100	100	100	82	55	38	
26	47	52	47	88	100	100	100	100	97	82	50	47	
27	42	55	42	85	100	100	100	100	100	77	55	50	
28	45	52	55	88	100	100	100	100	100	77	47	52	
29	38	70	60	88	100	100	100	100	100	82	63	52	
30	45		60	88	100	100	100	100	97	82	60	52	
31	40		63		100		100	100		77		50	
AVG	45	47	47	74	97	100	100	100	100	92	64	43	76

OBSERVED FREQUENCY (PERCENT) OF MEASURABLE SNOWFALL (.10 IN OR MORE)

PERIOD JUL 1943 - AUG 1983

<u>DAY</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>YR</u>
1	42	35	22	20							13	40	
2	32	35	27	17						2	10	47	
3	45	30	38	25	2						10	42	
4	30	27	35	15						2	20	38	
5	42	32	30	15							15	45	
6	38	30	30	10							13	40	
7	42	40	30	10						2	10	32	
8	52	38	17	7							17	50	
9	45	50	32	17							10	45	
10	38	42	35	10	2						10	45	
11	45	40	40	7						2	17	47	
12	35	35	42	7	2						22	45	
13	40	40	40	13	2						20	27	
14	40	32	35	17							15	30	
15	50	45	38	10							20	30	
16	47	30	35	10							30	47	
17	35	27	25	13							32	38	
18	30	35	32	5						2	32	38	
19	35	42	25	10						5	20	40	
20	32	42	25	7							20	32	
21	20	25	27	2						2	20	32	
22	25	27	17							5	22	38	
23	30	27	22	5							25	42	
24	30	27	20	2						5	22	42	
25	40	22	25	2						5	25	27	
26	35	27	20	2							22	40	
27	32	27	27	5						5	30	35	
28	45	27	17	5						13	32	35	
29	47	30	25							10	25	30	
30	40		22							7	17	25	
31	40		22							13		30	
AVG	38	34	28	9	0	0	0	0	0	3	20	38	14

OBSERVED FREQUENCY (PERCENT) OF MORE THAN 1 IN OF SNOWFALL

PERIOD JUL 1943 - AUG 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YR
1	20	15	13	7							7	25	
2	17	22	15	7							7	13	
3	27	25	15	10							5	22	
4	7	17	22	7								22	
5	22	13	17								5	20	
6	20	17	13								7	27	
7	17	22	7	2							2	17	
8	38	15	13								5	38	
9	27	25	17	10							2	17	
10	22	17	15	2							10	30	
11	30	25	20	5						2	13	22	
12	27	20	17	5							7	17	
13	27	17	13	7							13	10	
14	22	20	22	5							7	15	
15	27	27	25	2							2	15	
16	20	17	20	5							13	27	
17	15	20	17	2							13	17	
18	15	15	13	5						2	17	15	
19	15	10	5	5							10	22	
20	22	30	15	5							13	17	
21	13	17	13								13	15	
22	13	13	7							2	15	17	
23	15	17	2	2							17	25	
24	15	20	10	2						2	10	20	
25	22	15	17							2	17	15	
26	10	15	10								10	20	
27	25	13	15	5						2	15	17	
28	25	13	5							5	13	22	
29	20	20	10							5	15	10	
30	17		13							2	13	2	
31	15		10							5		15	
AVG	20	18	14	4	0	0	0	0	0	1	10	19	7

OBSERVED FREQUENCY (PERCENT) OF MORE THAN 2 IN OF SNOWFALL

PERIOD JUL 1943 - AUG 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YR
1	10	13	5	5							2	20	
2	10	15	2	5							5	7	
3	22	13	10	2							5	15	
4	5	15	15	5								13	
5	13	7	7								2	13	
6	7	10	7								7	22	
7	10	13	5	2								15	
8	22	7	5								2	30	
9	20	17	13	2							2	10	
10	13	10	13								7	27	
11	15	17	17	2							10	15	
12	25	10	13	2							2	5	
13	20	15	10	2							5	2	
14	13	17	13								2	13	
15	13	20	17									13	
16	13	15	13	5							10	22	
17	15	13	7								10	15	
18	10	7	5							2	7	7	
19	13	7	5	2							10	15	
20	13	13	10	5							2	10	
21	10	13	7								7	5	
22	10	10	2								10	10	
23	13	13									7	17	
24	10	7	7								10	13	
25	13	7	7							2	15	7	
26	10	7	2								5	7	
27	17	7	15	2							10	7	
28	17	2									7	13	
29	13	10	5							2	10	5	
30	13		2							2	5	2	
31	10		5							5		5	
AVG	13	12	8	1	0	0	0	0	0	0	6	12	4

OBSERVED FREQUENCY (PERCENT) OF MORE THAN 4 IN OF SNOWFALL

PERIOD JUL 1943 - AUG 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YR
1	5	5	2								2	10	
2	5	5	2	5							2	5	
3	10	5	10	2							2	7	
4		7	2									5	
5	5	7	2								2	2	
6	2	7	5								2	7	
7	2	7	5									10	
8	13	2	2								2	10	
9	15	5	10									5	
10		2	5								5	15	
11	10	7	7	2							5	10	
12	17	7	7								2	2	
13	13	10	7								2		
14	7	13	2									7	
15	7	10	10									7	
16	7										5	7	
17	7	5									5	10	
18	2	5	2								5	5	
19	2	5	2									5	
20	7	5	5									7	
21		5	2								5		
22	5	2									5	2	
23	5	7											
24	5	5	5								5		
25	2	5	5							2	2	5	
26	2	2									2		
27	10	2	5								2	2	
28	13											7	
29	5		2								2	2	
30	7		2							2	2	2	
31	7		2							2			
AVG	7	5	4	0	0	0	0	0	0	0	2	5	2

OBSERVED FREQUENCY (PERCENT) OF MORE THAN 5.9 IN OF SNOWFALL

PERIOD JUL 1943 - AUG 1983

<u>DAY</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>YR</u>
1	5	5									2	5	
2	2			5							2		
3	10	2	5	2							2	2	
4		5	2										
5	2		2								2	2	
6	2	5	2								2	5	
7		5	2									7	
8	5		2								2	5	
9	2	2	5									5	
10			5								2		
11	5	5	7	2							5	7	
12	17	5	5									2	
13	7	5											
14	5	7										7	
15	5	5										7	
16	5											2	
17	5										2	7	
18		2									5		
19		2										2	
20		2	2									2	
21		2	2								2		
22											2		
23		2											
24	2	2	2								2		
25		2										2	
26													
27	7	2	2									2	
28	7											7	
29	2										2	2	
30	5									2	2		
31	2												
AVG	3	3	2	0	0	0	0	0	0	0	1	3	1