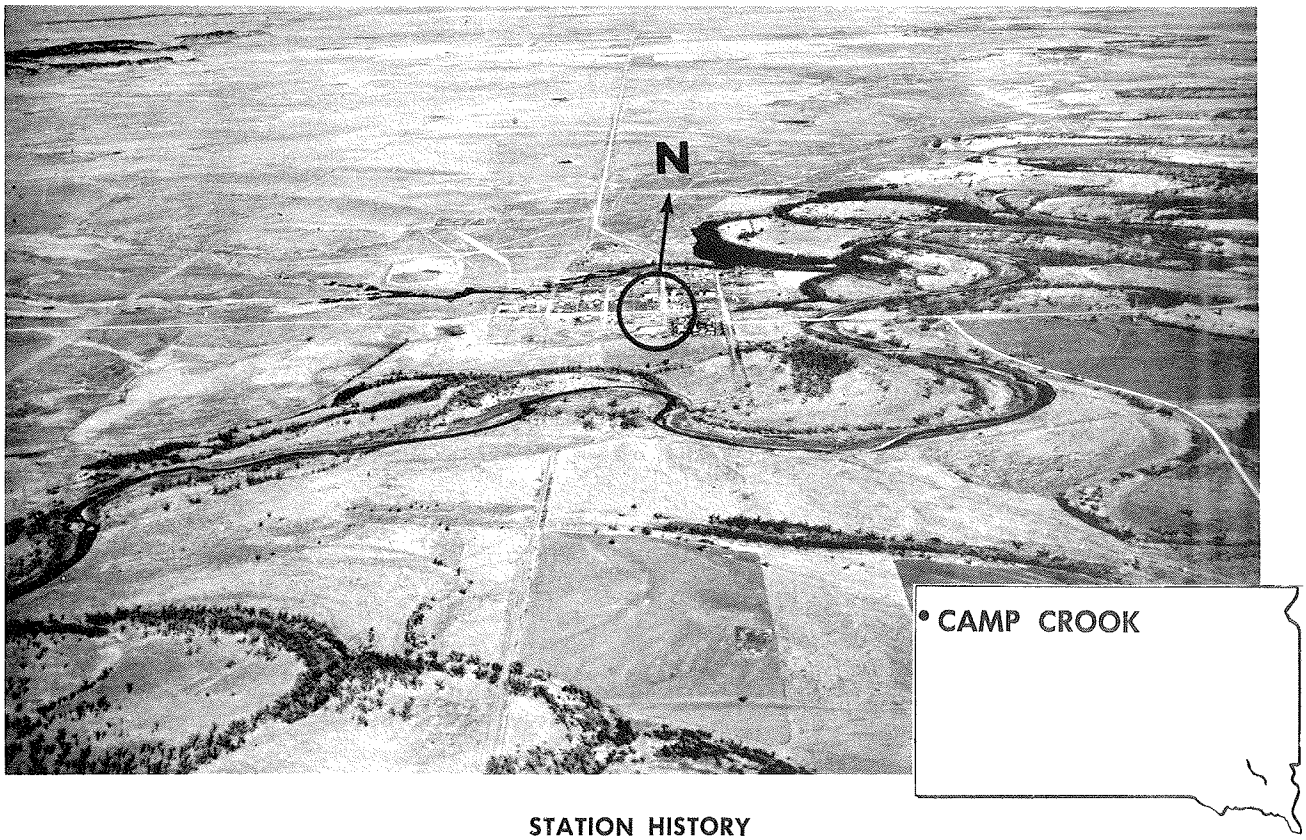
CLIMATOLOGICAL SUMMARY

Climatography of the U. S. No. 20-39

NO. 15

CAMP CROOK
South Dakota

LATITUDE 45° 33′ LONGITUDE 103° 59′ ELEVATION 3,120 FT.



STATION HISTORY

Official weather observations were first made near Camp Crook in June 1892 at Ashcroft, 10 miles to the north. A fire destroyed original records prior to 1896; therefore, weather data were not summarized before 1896. The weather instruments used throughout period were a standard rain gage and maximum and minimum thermometers.

DETAILED STATION HISTORY

Date			Location	Elevation (Ft.)	Observer
June 1892	-	Oct. 1909	10 miles north of Camp Crook	3192	Thomas Ashcroft
April 1910	-	June 1914	In Camp Crook	3100	Charles Ballinger
July 1914	-	May 1918	In Camp Crook	3100	Forest Supervisor
June 1918	-	May 1919	Data Estimated		None
June 1919	-	Dec. 1921	In Camp Crook	3100	C. T. Martin
Jan. 1922	-	Nov. 1922	In Camp Crook	3100	Frank Martin
Dec. 1922	-	Aug. 1925	In Camp Crook	3100	Paul A. West
Sept. 1925	-	June 1932	In Camp Crook	3100	Robert Froklich
July 1932	-	April 1939	In Camp Crook	3100	G. N. Collins
May 1939	-	Nov. 1950	In Camp Crook	3100	Glenn Flathers
Nov. 1950	-	April 1951	In Camp Crook	3100	Emmett Cunningham
April 1951	-	Oct. 1953	In Camp Crook	3120	Justin O. Berg
Oct. 1953	-	Date	In Camp Crook	3120	U. S. Forest Service

Data compiled from official U. S. Weather Bureau (U. S. Dept. of Commerce, Environmental Science Services Administration) records. Summary prepared by Walter Spuhler, ESSA state climatologist, in cooperation with W. F. Lytle, weather science project leader, and Dennis Moe, head, Agricultural Engineering Department, South Dakota State University Agricultural Experiment Station.

2M—5-69

STATION SUMMARY

Camp Crook is located in west central Harding County in the extreme northwestern part of the state. The topography is slightly rolling in the area. The northern edge of the Black Hills is about 65 miles to the south. The Black Hills act as a shield for moisture flow from the south. The Little Missouri River flows in a general northerly direction about 1/4 mile to the east. This small stream has little or no effect on the climate and there are no other bodies of water in the area that affect the climate.

The climate is a semi-arid continental type with a large temperature contrast from summer to winter and occasionally from day to day.

Livestock grazing along with hay production and wheat farming are the main sources of income in the area.

Temperature

Temperatures have an annual average minimum of 30 degrees and maximum of 58 degrees, but they may climb to over 100 degrees in summer and drop to 30 degrees below zero or lower in winter. A temperature of 100 degrees or higher may be expected on the average about 5 days per year. A reading of -30 degrees or lower may be expected on the average about 2 days in 3 years. A reading of -20 degrees or lower may be expected on the average about 6 days per year. The temperature may drop to zero or lower on the average about 33 days per year and fail to climb above zero on the average about 4 days per year.

The average date for last frost in spring is May 23 and first frost in fall is September 15, with an average length growing season of 115 days.

Precipitation

The average annual precipitation is 13.71 inches of which 10.74 inches (78%) fall during the growing season (April-September). Thundershowers are the main source of growing season precipitation and produce a wide range of intensities and amounts. A rainfall of 1 inch or more in 1 hour may be expected on the average about once in 2 years. Two inches or more in 1 hour may be expected on the average about once in 25 years. A 24-hour rain of 2 1/2 inches or more may be expected about once in 5 years and 3 inches or more about once in 10 years.

Hail may be expected on the average about two to three times per year in any one location in the Camp Crook area. June is the month of most frequent occurrence but hail may occur as early as March and as late as October.

Snow cover is important for protecting pastures and fall seeded crops, although a heavy snow cover may be a hindrance to ranch and farm activities. The seasonal snowfall averages about 33 inches but has varied from 5.9 inches during the (1910-11) season to 75.8 inches during the (1926-27) season. Strong winds often accompany the snowfall causing drifts to form in and near sheltered areas while open fields may be nearly bare.

AVERAGE TEMERATURE, 1896-1967 (°F.)

YR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	ANNL
96	16.7	28.0	25.5	43.7	55.3	65.0	68.6	67.4	54.2	43.0	15.9	32.6	43.2
97	17.4	20.4	22.7	44.6	55.2	63.5	75.1	68.4	67.4	47.7	24.3	20.4	43.5
98	20.0	26.3	23.7	43.2	52.4	63.4	72.0	70.9	59.0	41.2	27.4	24.7	43.5
99	17.2	8.6	16.5	41.0	50.6	[illegible]	70.3	[illegible]	60.1	44.0	40.1	20.1	41.6
00	26.7	16.0	32.2	49.6	[illegible]	69.5	[illegible]	70.7	[illegible]	50.0	30.4	29.5	47.4
01	23.9	18.1	32.2	48.1	62.5	61.1	75.8	69.3	54.6	50.7	36.5	22.8	46.2
02	21.7	[illegible]	32.2	43.1	56.9	60.2	65.2	67.9	47.5	46.0	32.5	17.8	44.0
03	24.1	16.9	[illegible]	[illegible]	[illegible]	[illegible]	68.4	67.1	[illegible]	[illegible]	32.0	[illegible]	44.3
04	22.7	17.6	26.5	43.9	54.3	61.9	66.5	64.6	[illegible]	46.5	37.2	22.4	43.0
05	11.8	12.6	35.1	43.6	56.7	60.9	66.4	72.7	[illegible]	40.5	32.2	25.9	43.2
06	22.9	26.6	[illegible]	50.6	54.8	56.4	[illegible]	65.0	[illegible]	45.9	30.0	22.9	44.5
07	8.6	23.5	36.1	[illegible]	[illegible]	61.0	66.7	66.7	56.6	[illegible]	34.6	25.0	42.6
08	23.6	20.4	[illegible]	49.5	[illegible]	[illegible]	[illegible]	65.6	[illegible]	[illegible]	34.7	22.7	44.3
09	12.2	22.9	[illegible]	[illegible]	[illegible]	[illegible]	69.9	[illegible]	[illegible]	[illegible]	31.7	[illegible]	41.3
10	14.1	5.6	42.7	[illegible]	[illegible]	[illegible]	75.7	66.6	[illegible]	[illegible]	[illegible]	29.0	46.1
11	21.5	21.0	36.7	43.6	57.8	70.3	[illegible]	62.8	59.4	[illegible]	24.0	20.9	44.3
12	13.2	21.2	33.2	46.5	53.1	62.8	67.7	65.3	51.2	43.2	36.4	26.6	42.2
13	15.1	13.7	[illegible]	47.9	53.3	68.8	[illegible]	72.0	58.1	41.7	37.0	24.1	42.8
14	27.0	13.7	29.4	[illegible]	[illegible]	67.7	74.1	67.6	52.9	50.4	39.0	12.1	44.7
15	15.9	23.6	23.5	52.3	51.2	58.7	63.7	66.0	[illegible]	46.6	30.4	[illegible]	41.7
16	-4.3	19.0	30.4	43.0	46.7	56.1	74.3	65.3	56.4	37.5	28.5	[illegible]	38.0
17	12.6	[illegible]	[illegible]	36.1	48.5	63.5	77.2	66.0	58.7	43.5	40.5	12.5	40.9
18	5.7	17.7	35.4	[illegible]	54.2	66.9	57.2	67.0	[illegible]	40.1	[illegible]	24.0	43.3
19	27.4	17.1	26.7	42.8	53.9	69.7	75.4	69.8	61.4	35.7	21.4	16.3	43.1
20	18.9	27.5	[illegible]	36.3	52.3	62.4	59.6	64.6	59.2	49.0	29.8	22.3	43.2
21	27.0	30.1	33.4	42.4	53.0	70.9	75.7	71.8	57.1	49.4	27.8	23.3	46.5
22	11.6	5.2	17.6	41.0	54.3	69.3	64.7	71.6	62.6	47.4	[illegible]	17.4	42.2
23	27.1	16.9	[illegible]	41.7	54.0	63.8	74.4	65.6	60.2	43.7	37.3	26.9	44.6
24	10.6	26.3	24.1	35.3	[illegible]	57.1	59.5	[illegible]	57.0	50.6	35.3	12.5	40.7
25	12.6	27.0	33.1	43.2	54.7	[illegible]	65.9	69.6	59.6	35.2	29.0	23.5	44.4
26	22.2	26.0	31.6	45.0	55.5	60.3	69.6	67.4	53.2	46.5	25.7	18.5	43.5
27	16.4	22.5	30.5	47.5	48.3	60.2	[illegible]	53.8	57.7	43.2	[illegible]	[illegible]	40.8
28	25.3	25.3	35.3	[illegible]	57.9	56.4	61.0	56.6	57.0	44.3	33.6	26.9	44.1
29	7.7	10.1	32.2	42.2	56.2	61.6	77.1	70.7	53.8	45.2	25.8	14.2	41.6
30	3.6	33.0	31.6	[illegible]	43.0	59.3	77.7	70.7	58.0	41.2	33.6	26.9	44.6
31	27.5	32.9	30.4	[illegible]	54.4	70.6	74.6	69.1	[illegible]	47.1	30.8	27.4	47.6
32	13.7	29.1	23.1	47.1	57.0	64.0	72.6	[illegible]	66.7	41.2	19.7	15.6	42.9
33	27.2	17.5	35.6	41.0	[illegible]	68.7	74.5	67.1	[illegible]	46.2	26.7	21.6	[illegible]
34	25.6	24.5	29.6	[illegible]	[illegible]	54.6	77.2	65.9	59.2	50.0	33.6	[illegible]	[illegible]
35	18.6	21.0	35.1	40.2	46.6	[illegible]	74.6	70.9	62.2	[illegible]	[illegible]	[illegible]	44.1
36	2.3	-5.1	31.9	40.2	60.8	70.0	[illegible]	71.9	[illegible]	[illegible]	34.2	12.7	43.2
37	-1.7	11.5	27.1	36.8	[illegible]	62.5	72.2	76.1	57.9	37.2	45.3	15.9	41.1
38	20.9	16.8	35.2	43.7	51.8	65.2	71.8	70.4	62.7	52.0	31.6	26.6	45.7
39	26.0	9.6	29.2	43.9	52.1	65.4	80.7	[illegible]	61.4	46.7	[illegible]	[illegible]	46.9
40	5.7	19.4	31.8	[illegible]	57.1	69.1	75.4	70.9	59.4	51.1	22.6	27.5	44.6
41	21.7	23.9	31.7	[illegible]	[illegible]	69.1	72.7	70.1	[illegible]	[illegible]	35.7	25.7	[illegible]
42	20.7	17.4	32.9	40.7	53.4	60.9	70.6	64.6	55.5	55.3	33.4	27.5	45.7
43	8.4	28.0	25.7	48.7	65.2	61.6	70.4	71.3	58.4	[illegible]	32.7	26.8	44.1
44	26.8	14.5	[illegible]	42.1	57.6	[illegible]	[illegible]	[illegible]	58.7	49.7	36.8	[illegible]	[illegible]
45	19.5	20.6	32.4	41.1	54.0	56.4	[illegible]	[illegible]	[illegible]	[illegible]	35.7	13.0	42.6
46	26.8	27.8	38.9	51.6	50.7	63.0	73.9	67.0	57.7	40.2	31.9	25.4	[illegible]
47	22.1	16.2	23.1	42.5	52.4	65.8	74.0	79.5	59.8	51.8	27.0	25.2	44.4
48	21.3	18.1	26.0	46.9	55.0	61.3	69.2	68.2	62.7	45.4	31.6	17.6	42.9
49	4.4	9.6	29.2	[illegible]	57.3	64.0	72.6	71.7	56.1	[illegible]	32.0	17.3	42.9
50	-0.2	21.4	[illegible]	[illegible]	[illegible]	60.8	[illegible]	59.4	56.7	[illegible]	31.0	25.0	40.2
51	[illegible]	23.9	31.3	37.2	54.7	57.4	[illegible]	66.7	53.4	[illegible]	20.2	12.1	40.4
52	13.9	23.9	21.8	49.4	56.2	63.0	72.9	70.5	65.3	35.6	34.2	27.2	45.0
53	27.4	26.4	[illegible]	[illegible]	49.8	64.4	71.7	[illegible]	[illegible]	42.2	35.0	20.9	45.2
54	13.7	27.7	24.0	41.7	57.0	63.4	75.3	[illegible]	67.5	[illegible]	[illegible]	24.6	45.4
55	20.9	15.4	25.4	[illegible]	54.7	61.2	75.9	75.1	58.6	[illegible]	15.9	15.0	43.0
56	15.0	17.2	32.5	37.6	55.6	70.5	[illegible]	67.5	[illegible]	[illegible]	31.6	27.3	44.3
57	6.6	22.4	30.7	[illegible]	[illegible]	61.1	75.2	70.2	55.2	47.5	29.1	31.7	43.8
58	26.7	29.4	27.1	53.3	50.2	55.9	65.8	72.4	60.7	49.0	42.2	23.4	45.1
59	16.2	12.5	31.4	40.0	51.1	72.5	70.0	73.9	56.1	[illegible]	29.3	25.1	43.2
60	19.7	14.2	26.4	44.5	55.9	63.0	73.6	70.7	61.2	47.4	32.6	22.2	44.3
61	27.5	29.8	37.0	[illegible]	54.2	[illegible]	75.4	[illegible]	54.8	47.6	[illegible]	17.8	45.6
62	14.9	20.8	28.0	46.7	58.1	63.9	67.9	[illegible]	56.7	52.4	44.7	26.2	44.4
63	9.5	27.1	37.1	41.7	54.7	65.1	71.6	72.7	64.1	55.0	35.5	16.4	46.3
64	24.7	24.1	26.0	54.7	57.0	67.3	75.0	67.0	56.3	47.9	36.0	13.7	43.6
65	19.4	17.3	17.5	[illegible]	52.7	61.6	[illegible]	[illegible]	47.5	51.2	42.0	27.0	42.5
66	10.2	17.4	34.7	41.1	55.6	64.6	77.0	[illegible]	64.5	47.1	28.2	24.7	44.0
67	23.8	22.3	31.5	43.6	45.6	60.4	[illegible]	70.6	61.3	47.0	[illegible]	17.6	44.2

OTHER CONSIDERATIONS

Winds average about 10 MPH with prevailing direction from the northwest in winter and the southeast in summer. Strong winds of 50 MPH or more may occur any month but are most likely to occur with summer thunderstorms. During other months, strong winds may accompany the passage of a cold front or an intense low pressure area.

It is possible for a tornado to touch down in the Camp Crook area but it is difficult to give a meaningful probability of this rare event.

Relative humidity usually has an appreciable variation from early morning to afternoon and occasionally from day to day. It averages from about 75% in early morning to about 50% in the afternoon.

Sunshine is an important factor in crop production. This area receives about 62% of possible annual sunshine. The greatest possible amount of sunshine is received in July and August when it is about 75%.

Water loss experienced by soils and crops is indicated by evaporation from a large pan. The average annual Weather Bureau Class A pan evaporation is about 55 inches of which 78% or 43 inches evaporates from May through October. Average annual lake evaporation is about 39 inches. The actual loss from soil is less since soil moisture is limiting.

PROBABILITY DATE OF LAST TEMPERATURE OCCURRENCE IN SPRING, 1896-1967 (°F.)

PERCENT CHANCE OF LATER DATE	TEMPERATURE LEVELS 16	20	24	28	32	36
90	MAR. 17	MAR. 27	APR. 8	APR. 21	MAY 3	MAY 7
70	MAR. 26	APR. 5	APR. 16	APR. 29	MAY 11	MAY 23
50	APR. 10	APR. 20	APR. 30	MAY 12	MAY 23	JUNE 3
30	APR. 25	MAY 5	MAY 15	MAY 25	JUNE 4	JUNE 13
10	MAY 3	MAY 14	MAY 23	JUNE 2	JUNE 11	JUNE 19

PROBABILITY DATE OF FIRST TEMPERATURE OCCURRENCE IN FALL, 1896-1967 (°F.)

PERCENT CHANCE OF EARLIER DATE	TEMPERATURE LEVELS 16	20	24	28	32	36
10	OCT. 4	SEP. 23	SEP. 8	SEP. 4	AUG. 25	JULY 26
30	OCT. 12	OCT. 1	SEP. 18	SEP. 11	SEP. 2	AUG. 7
50	OCT. 26	OCT. 15	OCT. 3	SEP. 24	SEP. 15	AUG. 28
70	NOV. 9	OCT. 29	OCT. 18	OCT. 7	SEP. 28	SEP. 19
90	NOV. 17	NOV. 6	OCT. 27	OCT. 14	OCT. 6	OCT. 1

MEANS AND EXTREMES, 1896-1967

TEMPERATURE (°F.)

	Av. daily max.	Av. daily min.	Av. monthly mean	Highest daily max.	Year	Day	Lowest daily min.	Year	Day	Av. heating degree days	Av. no. days Max. 90° & above	Max. 32° & below	Min. 32° & below	Min. 0° & below
Jan.	29.9	4.8	17.3	65	31	29	-57	16	12	1434	0	15	31	11
Feb.	32.8	7.3	20.0	67	96	25	-50	36	15	1238	0	12	28	9
Mar.	41.7	16.8	29.3	85	10	22	-33	97	12	1100	0	8	29	4
Apr.	57.4	29.4	43.4	94	01	30	-12	99	02	0646	0	1	19	0
May	68.4	39.3	53.9	101	39	19	04	67	03	0356	1	0	6	0
June	77.4	49.3	63.3	108	19	29	24	02	20	0123	4	0	0	0
July	87.4	55.0	71.2	113	39	11	32	99	28	0020	13	0	0	0
Aug.	86.0	52.4	69.2	114	00	01	23	11	08	0037	12	0	0	0
Sept.	75.1	41.8	58.5	105	97	06	09	26	25	0231	4	0	4	0
Oct.	62.2	30.6	46.4	95	22	03	-17	25	29	0576	0	1	18	0
Nov.	44.6	18.7	31.6	80	03	07	-26	96	29	0996	0	5	28	2
Dec.	33.9	10.0	22.0	70	39	05	-43	25	27	1307	0	12	31	7
Annual	58.1	29.6	43.8	AUG. 114	00	01	JAN. -57	16	12	8064	34	54	194	33

PRECIPITATION (In.)

	Av. monthly	Greatest monthly	Year	Greatest daily	Year	Day	Av. monthly snowfall	Greatest monthly snowfall	Year	Greatest daily snowfall †	Year	Day	Av. no. days .01 & over	.10 & over	.50 & over	1.00 & over
Jan.	0.44	2.93	49	1.80	13	03	6.0	35.5	49	10.0	49	15	4	2	0	0
Feb.	0.39	1.30	10	1.00	30	27	4.9	15.5	14	12.0	14	22	4	2	0	0
Mar.	0.76	2.78	98	1.66	46	21	8.0	27.8	98	16.0	46	21	5	3	0	0
Apr	1.17	4.52	27	2.25	67	30	3.3	32.0	27	22.0	67	30	5	3	1	0
May	2.22	5.81	62	2.45	29	26	0.9	19.0	50	12.0	43	11	8	5	1	0
June	2.91	7.18	41	2.90	30	22	0.0	0.0	96	0.0	67	00	10	6	2	1
July	1.89	5.37	62	2.45	53	26	0.0	0.0	96	0.0	67	00	7	4	1	0
Aug.	1.42	4.13	06	2.20	27	14	0.0	0.0	96	0.0	67	00	5	3	1	0
Sept.	1.13	4.56	23	2.64	23	28	0.2	5.0	03	5.0	41	27	5	3	1	0
Oct.	0.67	4.10	46	1.60	24	08	1.9	24.0	46	12.0	19	19	4	2	0	0
Nov	0.40	1.90	96	1.17	45	07	4.3	26.8	22	12.0	45	07	3	1	0	0
Dec.	0.31	1.10	04	0.52	35	13	3.7	11.0	04	6.0	51	13	3	1	0	0
Annual	13.71	JUNE 7.18	41	JUNE 2.90	30	22	33.2	JAN. 35.5	49	APR. 22.0	67	30	63	35	7	1

*Dates of extremes are latest occurrence—extremes may have been equaled earlier.

†Snowfall includes hail and sleet.

DAILY EXTREME VALUES BY MONTH AND DAILY MEAN TEMERATURE, 1896-1967

(Temperature is in °F. and precipitation in inches)

JANUARY DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
1	53	64	-37	28	0.30	06	3.0	06	17.5
2	61	63	-33	28	0.34	43	5.5	43	17.1
3	58	63	-30	19	1.80	13	8.0	13	18.0
4	60	63	-31	50	0.42	49	10.0	19	18.6
5	55	03	-33	16	0.41	49	4.0	16	18.2
6	59	54	-39	13	0.35	32	5.0	26	19.8
7	58	63	-35	37	0.20*	06	3.0	45	19.8
8	61	58	-23	37	0.40	45	5.0	45	21.7
9	58	66	-22	30	0.15	98	2.0	49	20.5
10	59	96	-26	50	0.25	98	2.5	98	19.9
11	61	53	-30	13	0.24	38	3.0	38	19.3
12	62	53	-57	16	0.40	32	4.0	32	17.9
13	53	02	-46*	16	0.20	28	4.0	28	17.9
14	57	01	-36	16	0.22	53	6.0	28	18.6
15	57	21	-27	16	1.05	49	10.0	49	16.3
16	53	02	-34	30	0.45	33	5.0	33	16.3
17	55	46	-32	30	0.30	31	3.0	31	17.0
18	60	14	-38	43	0.20	29	2.5	26	19.8
19	62	00	-32	63	0.30	37	6.0	26	17.7
20	60	64	-36	54	0.90	32	9.0	32	16.5
21	58	00	-34*	66	0.28	36	3.0	36	15.4
22	57	00	-30	27	0.30	97	3.0	97	15.4
23	58	00	-29	52	0.34	49	5.0	49	16.5
24	53	03	-35	49	0.10	04	1.0	04	14.2
25	50	06	-39	49	0.27	44	5.0	44	13.6
26	52	34	-30*	57	0.15*	56	2.0	64	14.7
27	63	96	-35	15	0.26	44	6.0	44	16.3
28	58	96	-32	16	0.30	03	4.0	16	17.5
29	65	31	-32	16	0.20	96	2.0	96	15.7
30	59	31	-44	18	0.20	08	2.0	08	14.9
31	60	35	-41	18	0.10	32	2.0	18	16.2

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE.

FEBRUARY DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
1	61	35	-37	17	0.50	39	6.0	39	13.9
2	62	34	-44	17	0.10	26	1.0	26	17.1
3	64	62	-31	05	0.25	24	1.3	55	17.6
4	59	54	-35	05	0.90	15	5.0	15	18.9
5	60	63	-31	16	0.20	29	2.0	29	19.2
6	56	63	-36	14	0.17	24	2.0	24	19.2
7	61	54	-30	29	0.32*	37	4.8	37	17.9
8	65	54	-38	36	0.40	09	4.0	09	18.2
9	58	54	-42	36	0.32	60	5.5	43	18.4
10	65	61	-40	99	0.20	00	2.0	44	20.0
11	59	61	-36	44	0.20	36	2.5	36	20.1
12	65	21	-35	05	0.10	09	1.0	49	20.1
13	55	21	-28*	05	0.30	98	3.0	59	19.3
14	65	21	-42	36	0.60	10	6.0	10	19.6
15	58	51	-50	36	0.60	10	6.0	10	19.4
16	55	54	-45	36	0.20	08	2.0	08	20.4
17	60	35	-30	38	0.60	08	6.0	08	22.3
18	60	30	-26	10	0.16	66	3.0	52	21.1
19	62	30	-30	59	0.21	52	3.0	64	20.0
20	62	30	-37	18	0.26	20	5.0	20	20.8
21	64	61	-22*	63	0.40	26	4.0	35	21.0
22	65	58	-30	10	0.38	14	12.0	14	21.0
23	66	58	-27	65	0.31	48	6.0	48	21.2
24	62	96	-32	22	0.10	27	1.0	50	21.6
25	67	96	-25	19	0.20	63	3.0	41	22.9
26	60	32	-27	34	0.20	19	3.0	55	23.2
27	65	32	-32	22	1.00	30	10.0	30	23.9
28	65	01	-34	19	0.30	96	4.0	53	24.0

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE.

MARCH DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
1	68	01	-21	62	0.63	53	7.0	53	5.3
2	65	46	-29	96	0.23	66	4.2	67	23.9
3	75	21	-26	60	0.70	32	7.0	32	24.0
4	64	21	-28	60	0.80*	33	8.0	33	23.3
5	60	37	-25	45	0.10	31	2.0	57	23.2
6	62	37	-27	47	0.20	52	2.0*	52	22.5
7	64	37	-21	32	0.14	25	4.0	46	23.3
8	68	37	-25	51	0.27	60	2.7	60	24.8
9	62	54	-14*	12	0.45	27	10.0	27	26.9
10	68	54	-23*	48	0.30	17	4.0	17	27.7
11	76	00	-22	51	0.26	52	3.0	44	28.4
12	68	35	-33	97	0.40	06	4.0*	54	27.6
13	70	35	-15	60	0.80*	29	8.0	29	26.9
14	72	35	-20	25	0.40	98	6.0	13	26.6
15	64	01	-20	06	0.86	20	6.5	43	26.6
16	73	01	-20	02	0.50	02	5.0	02	27.2
17	70	01	-9	99	0.55	33	2.0	50	28.9
18	72	07	-22	43	0.55	20	12.0	20	31.0
19	70	07	-15	43	0.69	21	1.0	47	31.1
20	79	07	-11	65	0.42	21	3.0	21	31.9
21	81	28	-18	99	1.66	46	16.0	46	33.4
22	85	10	-12	13	0.30	31	2.5	34	33.2
23	75	39	-16	65	0.40	37	4.0	37	34.7
24	74	61	-15*	65	0.50	37	5.5	37	34.5
25	75	18	-15	65	0.25	38	4.0	42	33.5
26	76	60	-21	13	0.17	58	4.0	50	32.1
27	73	60	-17*	37	0.30	05	4.0	44	30.9
28	75	63	-24*	98	0.95	65	6.0	28	33.1
29	79	43	-17	44	0.30	02	3.0	16	33.4
30	81	43	-11	54	0.30*	16	2.0	29	33.5
31	75	46	-18	99	0.50	97	4.0	16	34.8

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE.

APRIL DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
1	74	64	-4	35	0.41	19	4.0	45	35.9
2	80	21	-12	99	0.40	63	6.0	63	37.2
3	82	21	0	36	0.50*	34	6.0	37	37.5
4	74	43	-4	37	0.56	47	3.0	47	38.4
5	77	60	-1	37	0.30*	47	3.5	38	38.6
6	77	10	-2	36	0.85	22	3.0	19	38.5
7	80	52	6	26	0.31	62	3.0	19	39.4
8	81	30	5	28	0.31	44	0.1	21	39.1
9	83	10	3	59	0.75	27	4.0	27	40.9
10	80	10	12	59	0.90	27	4.0	35	41.6
11	79	31	5	40	0.60	27	6.0	27	41.8
12	79	99	4	57	0.65	27	9.0	27	41.6
13	80	08	10	07	0.78	49	6.0	27	42.9
14	84	13	10	07	1.50	41	5.0	12	44.4
15	86	13	7	61	0.50	18	4.0	27	44.9
16	83	26	7	51	0.80	67	1.0	27	44.1
17	81	48	5*	61	0.40	96	4.0	96	44.0
18	84	23	13	45	0.39	63	1.2	66	44.1
19	88	00	17	28	1.54	48	5.5	59	45.0
20	92	00	15*	66	0.75*	33	6.0	59	45.4
21	89	00	12	31	0.45	40	2.0	63	46.2
22	85	42	16	09	0.44	98	3.0	04	47.0
23	80	62	5	31	1.15	08	2.0	58	48.3
24	86	62	11	67	0.90	14	4.0	07	46.9
25	82	52	15	31	0.66	42	0.2	58	45.1
26	88	52	11	31	0.44	38	0.0*		46.2
27	90	10	18	50	0.39	66	2.2	66	46.9
28	88	52	12	61	0.93	40	0.0*		47.1
29	89	01	15	03	0.54	42	3.0	50	47.5
30	94	01	12	50	2.25	67	22.0	67	48.1

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE.

MAY DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
1	90	01	10	09	1.30	46	1.5	56	48.6
2	85	52	20	54	0.78*	50	4.0	50	49.5
3	93	52	4	67	0.92	55	0.5	99	49.2
4	90	97	5	67	0.67	50	10.0	50	49.2
5	92	96	10	67	0.49	39	4.0	12	50.1
6	93	34	15	29	0.96	20	2.0	07	49.6
7	93	34	20	29	0.74	27	2.0	50	49.8
8	93	34	14	45	1.20	52	7.0	50	51.1
9	86	00	20	09	0.75	65	5.0	27	50.3
10	92	00	17	27	0.80	19	0.3	18	51.2
11	95	00	20	01	2.39	20	12.0	43	51.7
12	88	60	4*	43	1.42	22	2.0	67	51.9
13	94	32	23	97	2.40	06	2.5	45	52.4
14	94	03	20	59	0.78	16	0.0*		52.9
15	92	01	18	21	0.40	62	0.0*		53.4
16	96	01	22	23	0.48	61	0.0*		53.7
17	98	01	25	16	0.58	61	0.0*		55.0
18	92	48	26*	43	0.82	02	0.0*		56.3
19	101	39	28	58	0.97	62	0.0*		55.6
20	96	64	19*	43	0.85	08	6.0	08	54.8
21	95	64	15	31	2.00	99	0.0*		55.6
22	89	34	23	63	0.98	07	0.0*		55.6
23	91	32	30	59	1.07*	46	0.0*		56.0
24	90	29	26	49	1.51	48	0.0*		57.3
25	96	31	30	43	1.53	07	0.0*		57.9
26	98	34	27	50	2.45	29	0.0*		58.2
27	98	34	26*	32	0.70	31	0.0*		57.2
28	100	39	23	47	1.04	60	0.0*		57.4
29	94	39	19	47	2.25	29	0.0*		57.8
30	100	39	25	47	1.73	37	0.0*		57.3
31	99	36	30	17	1.13	25	1.0	17	58.3

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE.

JUNE DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
1	93	25	25*	17	1.65	30	0.0*		58.0
2	95	00	25	19	1.12	39	0.0*		58.5
3	100	05	30	50	0.75	44	0.0*		58.4
4	98	39	27	07	1.94	41	0.0*		59.5
5	100	00	33	20	1.19*	23	0.0*		60.0
6	98	52	32	10	1.88	96	0.0*		59.2
7	96	59	31*	28	1.50	34	0.0*		58.4
8	97	00	32	28	1.20	07	0.0*		58.8
9	98	61	30	28	1.98	64	0.0*		61.0
10	97	61	30*	28	1.65	01	0.0*		60.7
11	104	21	33	96	1.62	98	0.0*		61.0
12	99	52	35	47	2.33	15	0.0*		62.2
13	99	97	35	17	1.19	50	0.0*		62.9
14	97	21	32	45	0.87*	26	0.0*		63.7
15	96	59	35*	57	2.28	63	0.0*		63.7
16	105	31	38	45	1.16*	57	0.0*		64.0
17	99	33	31*	02	1.20	22	0.0*		65.0
18	95	11	38	45	1.39	64	0.0*		64.1
19	98	11	36	02	1.11	53	0.0*		64.5
20	100	10	24	02	0.53	01	0.0*		65.4
21	101	19	39	46	1.24*	14	0.0*		65.8
22	105	19	33	42	2.90	30	0.0*		64.9
23	104	19	35	42	0.60	04	0.0*		65.4
24	107	00	38	16	0.62	65	0.0*		66.0
25	103	36	31*	58	1.02	02	0.0*		65.3
26	103	31	34	58	0.65	99	0.0*		65.7
27	102	19	39	11	0.71	43	0.0*		66.3
28	106	19	34	51	0.75	20	0.0*		67.7
29	108	19	38	51	0.61*	07	0.0*		68.2
30	103	21	38	16	1.47	59	0.0*		68.2

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE.

JULY DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
1	103	36	35	45	1.63*	25	0.0*		68.5
2	104	36	37	15	1.53	96	0.0*		68.2
3	106	36	36	15	1.83	38	0.0*		68.7
4	109	36	38	15	1.00	00	0.0*		69.2
5	108	36	37	15	0.92	20	0.0*		68.9
6	111	36	39	15	0.55	28	0.0*		69.0
7	105	36	40	15	0.86	09	0.0*		69.9
8	105	36	36	15	0.90	24	0.0*		70.7
9	104	54	41	44	1.70	07	0.0*		70.2
10	104	39	43	26	1.27*	37	0.0*		70.9
11	113	39	40	22	0.50*	37	0.0*		71.8
12	106	01	42	99	1.66	05	0.0*		71.6
13	105	40	34*	50	0.96	49	0.0*		71.1
14	106	39	39	43	1.07	15	0.0*		70.3
15	105	36	34	12	0.73	15	0.0*		70.6
16	105	66	41*	35	0.30	63	0.0*		72.2
17	107	19	39	14	1.22	62	0.0*		71.9
18	103	01	43	12	0.75*	50	0.0*		72.6
19	110	32	39	11	0.83	52	0.0*		71.6
20	107	60	35	97	1.11	09	0.0*		71.7
21	105	99	40	25	0.25	22	0.0*		72.3
22	109	01	38	61	2.00	51	0.0*		71.8
23	108	36	39*	54	1.27*	55	0.0*		72.6
24	108	31	42	46	0.45	45	0.0*		73.0
25	109	31	36	11	0.39	18	0.0*		73.1
26	104	31	43*	18	2.45*	53	0.0*		72.7
27	110	39	43	48	1.12	66	0.0*		73.0
28	107	97	32	99	1.03	40	0.0*		72.8
29	103	39	39*	98	1.26	15	0.0*		72.3
30	105	00	41	98	1.21	31	0.0*		71.2
31	110	00	35	25	1.12	03	0.0*		71.2

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE.

AUGUST DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
1	114	00	42	37	0.52	53	0.0*		71.1
2	104	00	41	49	1.10	12	0.0*		72.3
3	108	39	40	37	1.96	42	0.0*		70.9
4	104	41	41	04	1.47*	00	0.0*		70.1
5	102	41	40*	17	2.02	18	0.0*		71.6
6	103	49	41	24	0.75*	54	0.0*		71.2
7	108	49	37	21	1.05	48	0.0*		69.4
8	102	58	23*	11	0.52	48	0.0*		70.2
9	105	05	33	17	1.28	11	0.0*		69.3
10	105	35	33	02	0.43	23	0.0*		69.4
11	105	37	38	24	0.22	62	0.0*		69.1
12	104	65	30	64	1.04	66	0.0*		70.3
13	104	37	36	08	0.78	26	0.0*		70.2
14	105	37	37	97	2.20	27	0.0*		70.4
15	101	06	41	97	0.97	23	0.0*		70.5
16	106	06	41	62	1.00*	35	0.0*		70.7
17	105	06	36	44	0.63	60	0.0*		70.0
18	106	06	40	40	1.20*	53	0.0*		69.7
19	101	48	37*	50	0.61	39	0.0*		70.2
20	105	09	33	50	1.57	06	0.0*		69.7
21	103	47	33	45	1.10	61	0.0*		69.0
22	101	60	38*	45	0.70*	54	0.0*		68.1
23	105	49	35	66	0.70	32	0.0*		68.6
24	102	97	35	28	0.55	14	0.0*		67.5
25	104	26	35	64	0.70*	15	0.0*		67.9
26	110	26	30	11	0.50	21	0.0*		68.0
27	105	37	37	11	1.27	03	0.0*		67.4
28	108	05	27	11	0.40	30	0.0*		68.6
29	100	24	35	15	0.66	39	0.0*		66.4
30	102	26	33	65	0.82	58	0.0*		66.8
31	103	54	33	24	1.54	43	0.0*		66.9

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE.

SEPTEMBER DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
1	100	29	31*	49	1.15*	96	0.0*		66.2
2	99	01	33*	52	0.30	63	0.0*		65.2
3	99	60	32*	59	0.91	63	0.0*		65.0
4	104	60	24	62	0.80	98	0.0*		64.3
5	102	60	28	62	0.74	38	0.0*		64.0
6	105	97	25	56	0.35	11	0.0*		63.3
7	105	97	29	99	1.69	41	0.0*		64.3
8	103	59	27*	29	0.80	30	0.0*		63.8
9	98	52	20	96	0.77	33	0.0*		62.1
10	100	05	26	62	0.30	61	0.0*		60.9
11	104	08	22	55	0.45*	03	0.0*		59.7
12	95	08	24	64	1.37*	52	2.0	03	59.3
13	95	59	25	49	1.05	28	3.0	03	60.2
14	101	48	22	04	0.75	06	0.0*		58.9
15	102	48	24	47	1.07	67	0.0*		57.8
16	99	08	18	01	1.07	13	0.0*		57.0
17	95	20	19	01	0.51	42	0.0*		57.0
18	98	14	20	96	0.82	00	0.0*		57.4
19	97	22	16	18	0.90	07	0.0*		58.6
20	98	37	20	27	0.71	51	0.0*		57.8
21	93	97	18	54	0.70	41	0.0*		56.6
22	96	97	22	16	0.39	10	0.0*		56.4
23	94	58	25	65	0.78*	29	0.0*		56.4
24	91	02	19*	26	0.40	31	0.5	26	56.2
25	97	97	9	26	1.14	59	2.0	27	54.3
26	99	98	15	42	0.35	15	0.0*		53.9
27	100	98	17	26	0.54	41	5.0	41	54.4
28	92	52	21	51	2.64	23	0.0*		54.2
29	96	14	19	12	0.38	27	0.0*		53.5
30	94	14	15	36	0.53	62	0.0*		53.2

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE.

OCTOBER DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
1	94	53	19*	36	1.04	49	2.0	50	53.5
2	88	57	19*	01	0.63	50	6.0	50	53.2
3	95	22	15	01	0.50	29	1.0	50	53.1
4	93	63	20	50	1.49	13	0.0*		53.6
5	92	99	18	54	1.05*	46	8.0	46	52.5
6	90	99	10	52	1.15	62	1.0	46	51.0
7	86	34	14	15	0.40	57	3.0	46	51.3
8	84	43	20	46	1.60*	24	0.0*		50.1
9	89	10	15	06	0.40	29	2.0	19	49.8
10	88	10	10	19	0.25	29	0.0*		49.1
11	90	53	11	48	0.72	23	3.0	99	49.9
12	87	56	5	17	0.64	24	0.0*		48.8
13	88	07	16	14	0.63	04	3.0	99	48.3
14	87	00	11	22	0.25	66	0.0*		49.0
15	85*	65	16	66	0.70*	33	1.0	19	49.8
16	84	14	14	96	0.40	15	3.0	05	48.9
17	85	27	10*	98	0.32	08	0.0*		47.7
18	84	00	16	25	0.30	05	3.0	05	46.3
19	85	47	4*	60	0.50	36	12.0	19	45.8
20	87	01	1	05	0.68	49	7.0	49	43.9
21	87	02	11	36	0.50	31	4.0	28	44.7
22	85	01	10	17	0.58	14	0.0*		45.8
23	84	01	9	38	0.16	14	2.0	19	45.0
24	83	01	10	19	0.12	02	1.0	98	44.0
25	78	55	5*	19	0.29	45	4.0	54	43.4
26	81	22	-5	19	0.67	46	6.0	46	44.5
27	80	44	1*	25	0.37	46	4.0	46	41.4
28	83	37	-2	25	0.51	12	2.0	12	40.4
29	79	50	-17*	25	0.39	22	4.0	29	40.1
30	75	44	7*	25	0.48	43	7.0	22	40.3
31	75	44	-3	35	0.17	20	2.0	43	40.4

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE.

NOVEMBER DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
1	79	04	-4	11	0.90	96	9.0	96	40.6
2	78	03	-8	51	0.20	61	2.0	57	38.6
3	78	03	-1	28	0.33	35	10.0	56	37.1
4	75	39	-1*	35	0.69	45	5.0	40	37.0
5	69*	64	0	35	0.75	22	11.0	22	37.8
6	73	34	-6	59	0.18	06	11.0	22	36.2
7	80	03	-12	96	1.17	45	12.0	45	36.7
8	69	30	2*	45	0.30	66	8.0	66	35.4
9	71	30	-10	66	0.50	03	1.0	20	34.4
10	70	61	-11	11	0.20	11	2.0	11	33.9
11	67	41	-10	11	0.22	38	3.5	38	33.1
12	72	34	-13	11	0.23	09	3.0	59	32.4
13	71	39	-25	55	0.35	22	3.5	22	31.4
14	70	53	-22	59	0.64	64	10.0	64	31.2
15	72	42	-21	59	0.60	61	3.5	58	31.5
16	72	39	-20	59	0.05	48	010	59	31.9
17	65	53	-17*	55	0.30	27	3.0	27	30.6
18	65	49	-14*	55	0.40	30	4.0*	53	31.0
19	68	99	-24	21	0.15	00	2.0	64	30.9
20	70	08	-15	96	0.24	97	3.0	97	29.9
21	70	17	-21	98	0.25	63	2.5	63	28.9
22	65	17	-15	47	0.20	29	3.0	55	27.5
23	69	17	-14	18	0.29	59	0.5	58	28.2
24	69	14	-18	18	0.24	97	3.0	97	29.4
25	69	17	-6	97	0.30	08	3.0	08	30.2
26	65	63	-14	96	0.20	05	2.0	64	30.9
27	71	49	-23	97	0.20	60	5.0	60	29.5
28	66	49	-21	97	0.30*	29	3.0	29	27.5
29	70	01	-26	96	0.08	97	1.0	97	27.3
30	61	41	-17	97	0.30	29	3.0	29	27.5

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE.

DECEMBER DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
1	65	03	-27	97	0.10	27	2.0	19	27.4
2	62	41	-33	97	0.15	27	2.0	40	26.6
3	66	41	-21	19	0.10	27	1.0	55	26.5
4	68	65	-12	28	0.20	60	2.0	60	26.8
5	70	39	-17	50	0.10	08	1.0	47	28.3
6	68	39	-28	50	0.20	32	2.0	32	26.8
7	59	18	-22	27	0.25	46	3.5	58	24.2
8	61	39	-32	27	0.40	61	2.0	03	23.6
9	69	97	-33	37	0.10	06	1.0	06	21.3
10	59	13	-28	37	0.40	33	4.0	33	22.3
11	61	39	-22	32	0.30	33	3.5	58	23.1
12	60	24	-28	17	0.30	06	3.0	17	22.7
13	57	21	-32	17	0.52	35	6.0	51	21.8
14	58	00	-33	58	0.30	30	3.0	30	20.5
15	61	39	-35	65	0.30	08	3.0	48	19.4
16	60	62	-29*	64	0.20	29	2.0	29	21.0
17	62	39	-31	22	0.20	01	2.0	01	20.6
18	61	23	-31	29	0.10	01	1.0	01	19.5
19	57	98	-24	29	0.19	62	3.0	60	20.1
20	63	41	-35	16	0.12	11	3.0	60	21.8
21	56	57	-31*	51	0.50	11	5.0	11	22.9
22	59	22	-25	20	0.10	66	1.0	18	22.3
23	56	50	-31	16	0.05	33	1.0	16	23.5
24	52	63	-34*	16	0.30	25	2.0	25	21.8
25	54	63	-16	35	0.50	04	5.0	04	20.9
26	60	47	-18	33	0.30	04	3.0	25	22.2
27	59	98	-43	25	0.07	35	3.5	38	20.5
28	59	98	-33	25	0.20	09	2.0	17	19.2
29	61	65	-38	11	0.23	45	2.0	11	20.8
30	54	21	-39	11	0.30	31	4.0	44	20.9
31	57	63	-34	11	0.25	38	3.0	38	20.4

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE.

Note: Missing daily values have been estimated from nearby station. Estimates for missing data in Weather Bureau publications have been made only for monthly values. Therefore, some values may differ from previously published data.

MEAN MINIMUM TEMPERATURE (°F.)

YR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	ANNL
96	2.2	11.0	10.4	28.0	39.6	46.4	54.0	48.5	38.2	23.9	4.6	21.0	27.5
97	4.0	4.0	7.1	29.8	39.1	48.0	51.2	49.2	45.3	30.3	10.6	5.2	27.0
98	4.6	14.2	9.0	27.2	39.0	49.3	51.5	52.3	39.6	27.5	12.1	7.4	27.9
99	3.7	-6.4	1.3	26.6	36.0	47.6	51.3	51.0	36.8	26.4	23.1	7.6	25.8
00	14.5	3.5	18.1	32.7	43.6	51.4	53.2	54.0	42.1	32.6	16.4	15.4	31.5
01	6.1	3.1	16.2	32.5	44.1	48.1	58.5	50.3	38.9	29.9	19.9	10.4	29.8
02	7.1	8.4	19.5	29.3	42.6	46.3	52.5	51.3	38.2	28.1	17.6	5.3	28.7
03	8.2	-3.2	18.0	30.6	38.6	49.1	52.2	53.0	41.3	31.4	17.6	16.1	29.4
04	9.4	-0.5	16.3	29.5	40.1	48.5	53.0	50.5	41.9	32.0	21.2	12.6	29.6
05	1.4	-0.3	25.8	28.5	38.0	49.6	53.1	56.4	47.0	30.5	23.4	14.7	30.7
06	13.2	15.5	10.3	36.1	43.4	43.0	53.8	55.7	47.6	32.2	20.0	13.4	32.4
07	-1.7	14.7	22.5	25.7	33.9	49.0	54.6	50.9	43.1	32.1	21.0	12.2	29.8
08	11.4	9.7	16.8	33.1	39.1	46.5	55.9	50.5	47.5	32.4	22.4	11.7	31.7
09	1.6	13.2	20.2	24.2	37.8	53.1	56.0	56.7	45.3	31.5	20.9	0.6	30.1
10	4.6	-5.1	30.4	32.7	37.3	53.2	60.5	52.9	46.5	35.3	25.9	16.8	32.4
11	7.9	6.4	22.4	27.5	39.8	53.1	50.4	49.4	45.6	29.4	12.2	10.6	29.5
12	-0.2	17.6	6.2	35.0	40.3	47.6	52.5	51.5	36.1	27.9	22.0	14.7	28.5
13	-4.7	1.6	10.1	32.6	38.3	50.5	52.8	54.5	41.6	25.4	21.9	9.6	26.2
14	13.7	1.1	16.2	30.2	36.5	50.1	57.6	49.9	44.0	33.2	22.7	0.0	29.9
15	3.7	11.5	5.5	30.9	39.2	44.7	49.5	52.0	38.9	31.1	20.1	10.0	29.0
16	-18.4	7.5	17.2	29.3	34.2	45.4	59.6	53.5	36.4	26.0	17.5	-5.4	25.2
17	1.6	-3.4	9.5	26.1	34.5	43.8	62.0	48.6	39.8	26.4	19.6	-0.3	25.6
18	-1.5	3.8	24.6	29.2	39.2	42.2	52.4	52.6	38.8	32.4	15.5	12.1	29.2
19	13.8	6.6	14.6	30.0	38.6	51.1	56.8	50.9	46.8	21.0	11.5	5.9	29.3
20	6.7	11.4	16.1	25.7	40.2	49.3	55.3	52.6	41.9	33.0	17.5	10.8	30.2
21	14.3	15.8	16.5	26.7	41.3	55.6	57.1	54.2	42.8	33.6	16.3	11.8	32.2
22	1.2	-8.5	15.4	30.3	41.4	59.9	52.8	55.4	43.7	25.6	20.6	5.3	28.5
23	12.2	1.7	16.2	27.1	40.0	51.1	49.7	51.7	44.7	32.2	25.7	12.2	31.2
24	-1.9	15.7	15.8	29.5	35.8	47.5	52.0	47.2	40.7	36.0	22.0	1.6	26.5
25	4.9	16.6	20.1	36.2	39.4	54.7	52.9	51.2	46.7	22.6	21.7	10.8	31.0
26	12.1	16.5	21.2	29.5	41.0	46.5	54.6	51.0	36.3	31.0	16.2	6.4	30.2
27	7.4	11.6	16.5	30.2	37.2	47.8	51.4	50.3	44.3	31.3	19.1	-6.4	26.7
28	10.3	12.3	22.3	25.8	42.3	42.9	53.6	46.7	40.6	29.4	20.3	14.0	30.3
29	-3.0	-4.2	23.0	29.5	34.3	46.6	55.4	52.9	40.7	35.1	19.2	7.3	28.2
30	-6.2	22.6	16.7	29.5	38.0	46.8	55.8	57.6	41.2	29.2	19.3	13.7	31.3
31	13.7	19.5	17.8	27.7	36.9	54.5	59.5	53.6	46.1	31.6	17.1	14.0	32.4
32	1.4	8.2	12.3	34.9	41.0	50.3	54.5	54.5	33.4	20.1	24.2	3.3	29.0
33	5.6	6.5	26.1	29.5	40.4	53.6	56.5	50.6	43.7	27.5	23.7	9.1	31.4
34	13.1	10.2	18.2	26.7	44.2	48.8	57.0	44.4	33.2	34.3	26.7	13.1	31.0
35	5.6	19.1	19.2	24.5	33.9	49.1	50.1	51.9	42.9	24.1	12.8	11.0	28.6
36	-5.8	-14.7	22.0	25.4	42.1	50.6	65.1	56.9	38.6	27.4	22.4	7.4	28.1
37	-12.6	-0.2	18.0	23.0	36.8	48.2	56.5	54.6	39.0	32.4	13.0	5.4	26.5
38	9.2	2.6	27.3	29.7	40.7	51.3	58.6	52.5	47.5	37.0	20.3	16.2	32.7
39	14.7	-3.8	14.4	30.6	42.1	51.7	54.4	50.0	43.6	32.4	20.3	16.7	31.4
40	-2.5	10.2	22.8	30.0	39.5	50.8	59.6	52.4	47.0	35.9	13.0	16.0	31.2
41	11.7	10.7	29.1	33.7	44.1	51.5	55.9	54.7	43.0	31.7	24.2	14.5	33.0
42	10.8	6.7	21.0	35.2	40.1	46.5	54.5	52.7	41.1	36.8	19.7	16.7	31.4
43	-4.7	14.5	7.7	31.0	32.9	47.5	52.6	55.0	38.4	27.8	20.3	12.4	27.6
44	12.5	6.1	7.3	29.3	42.4	48.2	52.1	49.6	39.9	27.3	15.6	5.7	27.8
45	6.2	9.3	17.0	25.5	34.4	44.2	52.2	50.7	42.1	30.7	15.1	7.9	26.1
46	14.0	14.5	24.8	33.9	36.7	46.8	55.0	49.7	41.3	29.4	20.3	12.0	31.7
47	10.7	4.0	11.9	29.5	37.4	46.7	55.2	57.1	42.8	35.1	15.2	14.1	30.8
48	7.5	5.0	14.0	30.7	41.7	50.5	54.1	52.0	43.7	28.8	21.1	4.5	29.2
49	-2.8	-4.8	16.4	30.7	41.8	46.6	54.0	51.5	38.7	30.3	25.9	4.3	27.1
50	-12.9	9.2	17.7	25.5	36.2	45.2	50.2	48.8	41.2	31.8	15.5	12.3	26.3
51	4.3	8.8	9.8	23.3	41.2	44.5	54.0	52.0	40.4	30.7	16.5	0.6	26.9
52	1.5	12.6	11.2	35.1	39.8	51.1	56.7	55.1	46.5	27.2	18.5	14.0	30.7
53	15.6	14.3	20.5	25.2	35.5	52.3	56.4	52.8	40.5	33.8	24.1	14.3	32.2
54	-0.3	24.1	12.1	27.2	38.1	47.7	57.6	54.1	41.2	28.2	24.4	16.0	30.9
55	7.8	4.6	15.6	32.0	41.7	44.4	57.0	55.0	41.6	31.5	6.7	3.0	26.5
56	5.6	4.1	20.0	23.6	42.9	53.0	54.2	52.0	37.8	31.5	21.5	16.3	30.5
57	-5.7	10.1	16.0	26.2	40.0	47.5	56.5	55.4	41.9	34.7	23.3	17.4	30.6
58	14.0	7.1	19.3	31.0	42.4	47.1	51.0	55.9	41.4	31.7	19.9	11.5	31.0
59	4.5	-1.2	22.7	30.2	36.3	51.1	52.0	55.5	41.1	26.6	13.3	18.5	29.1
60	6.4	4.4	12.3	31.0	39.2	47.8	54.5	51.8	43.5	30.2	17.1	10.7	29.5
61	11.2	16.0	24.0	24.4	40.6	51.1	54.0	54.9	37.4	30.5	17.0	4.0	30.4
62	2.8	6.2	11.4	31.9	43.5	51.1	54.2	51.2	38.0	34.2	25.6	14.2	30.5
63	-5.9	14.9	26.1	19.0	40.6	51.5	55.1	53.3	49.2	36.4	20.0	6.1	31.5
64	11.7	11.1	12.2	29.4	42.4	49.7	57.4	49.7	37.9	26.8	10.4	1.2	28.5
65	7.9	7.1	6.2	31.4	39.2	40.8	54.1	52.0	34.7	32.2	17.6	13.5	26.7
66	-4.0	3.2	20.6	27.4	35.8	48.8	50.6	50.1	45.6	30.0	16.0	14.2	29.3
67	12.6	9.4	18.6	20.5	35.4	46.5	51.0	51.1	44.7	30.8	21.0	6.9	30.1

MEAN MAXIMUM TEMPERATURE (°F.)

YR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	ANNL
96	35.3	45.0	40.6	59.4	71.0	61.7	83.3	86.0	70.2	62.1	27.3	44.3	58.9
97	30.8	36.9	38.3	59.4	77.5	79.0	89.0	87.6	89.5	65.1	37.8	35.6	60.5
98	35.5	42.5	37.7	58.7	65.9	77.6	86.2	89.6	78.5	54.9	42.7	38.0	59.2
99	31.9	23.7	31.7	55.4	65.2	77.1	88.9	85.6	81.4	59.7	57.2	32.6	57.5
00	42.9	32.5	46.3	66.9	80.7	86.2	85.7	87.5	71.8	67.5	44.4	43.7	63.4
01	37.8	33.2	49.4	63.7	81.2	74.1	93.2	88.4	70.4	71.5	53.2	35.3	62.6
02	36.3	35.5	44.6	57.0	71.2	74.2	84.0	84.6	76.8	67.9	47.5	32.4	59.3
03	40.0	35.1	45.9	61.4	71.1	78.5	84.6	82.4	69.5	68.3	46.7	39.1	60.2
04	36.1	27.8	40.7	56.7	68.4	75.4	80.0	78.1	67.5	61.0	53.4	32.2	56.5
05	22.3	25.5	50.5	58.8	62.7	72.2	79.8	89.0	78.8	50.2	41.0	37.2	55.7
06	32.7	37.6	34.4	64.8	66.3	68.8	83.4	80.3	79.3	59.7	40.0	32.4	56.6
07	19.0	32.5	49.7	47.0	58.0	73.1	78.9	82.6	70.2	67.9	49.2	37.9	55.4
08	36.3	31.7	37.9	56.8	62.0	72.2	87.9	82.7	78.9	55.1	47.1	33.7	57.0
09	22.6	32.6	39.9	46.7	63.9	73.6	82.7	88.2	74.2	59.5	42.5	16.0	53.6
10	23.6	16.8	55.1	65.7	64.3	81.1	93.2	84.3	76.1	69.9	45.8	41.2	59.8
11	36.6	35.6	55.0	59.7	76.1	87.1	86.6	75.7	73.3	57.5	35.9	31.1	59.2
12	24.6	31.9	32.2	60.1	66.0	78.1	83.2	80.0	66.4	59.5	50.9	37.0	55.9
13	25.0	25.8	36.9	63.2	64.4	80.2	84.5	89.6	74.5	54.0	52.1	39.7	57.4
14	40.4	24.3	40.7	58.6	68.8	77.4	90.6	85.4	80.7	67.6	55.3	24.2	59.5
15	27.0	35.7	37.7	65.3	63.3	69.1	77.9	80.0	63.0	62.1	40.8	30.5	54.4
16	9.8	30.6	43.7	56.8	63.3	70.9	90.6	84.7	76.4	49.7	39.6	15.6	52.6
17	24.1	23.1	32.7	50.2	62.6	77.5	92.5	87.5	77.7	58.7	62.2	25.3	56.2
18	21.3	31.6	54.2	54.1	69.2	81.6	82.0	82.9	68.3	63.8	43.5	36.0	57.4
19	41.0	27.6	38.8	55.0	69.2	88.3	92.3	88.6	76.3	48.4	31.6	26.8	57.0
20	31.2	33.6	39.8	44.9	63.5	75.5	83.9	87.1	76.5	64.2	40.2	33.9	56.2
21	39.7	44.4	48.4	58.2	64.8	86.2	90.4	89.4	71.4	67.0	39.3	30.9	60.8
22	22.0	19.2	39.8	51.7	67.3	79.8	80.6	88.3	81.6	69.2	40.8	30.0	55.9
23	34.9	28.4	40.8	56.3	68.0	76.7	87.2	79.5	75.7	55.3	52.9	40.4	58.0
24	23.1	37.0	32.3	49.2	60.0	86.8	77.6	79.8	73.4	65.2	46.6	23.4	52.5
25	30.4	38.4	46.1	62.3	70.0	75.4	85.0	88.1	72.5	43.8	46.4	36.8	57.9
26	32.4	35.5	42.4	60.6	70.0	73.8	84.7	83.5	69.7	61.6	37.3	30.7	56.9
27	28.9	33.1	42.2	50.5	58.8	72.6	80.5	77.4	71.1	65.1	38.7	17.0	53.0
28	31.6	36.4	46.4	54.3	73.5	69.9	82.3	84.2	73.5	59.2	46.6	39.5	58.3
29	18.5	24.5	43.4	56.9	66.1	75.1	88.9	88.6	66.9	51.4	38.5	31.2	55.0
30	13.9	43.5	44.2	65.2	64.0	77.8	89.7	84.3	74.9	53.3	48.0	37.7	58.0
31	41.2	44.5	43.1	62.2	71.9	86.4	89.4	84.6	78.7	62.7	48.1	40.9	62.8
32	26.0	32.1	34.0	59.4	73.0	77.6	90.8	84.9	74.1	54.3	47.2	27.9	56.8
33	34.8	28.6	44.0	52.5	60.3	84.3	91.2	83.4	77.3	61.7	49.8	34.2	58.5
34	38.2	39.1	43.1	61.2	85.4	80.7	77.5	83.3	75.3	65.7	51.0	33.5	62.8
35	31.7	43.0	47.1	56.4	59.4	74.0	99.6	90.0	79.6	62.7	37.0	35.0	59.6
36	20.5	8.6	41.1	55.0	79.5	89.5	100.2	86.2	82.9	61.2	46.0	30.1	58.4
37	9.1	27.2	40.3	50.7	78.0	76.5	88.2	97.7	76.8	62.1	37.7	26.5	55.9
38	32.7	31.1	43.2	57.8	63.0	79.1	87.0	88.3	77.9	67.0	43.0	35.0	58.5
39	41.4	23.1	44.0	57.9	62.2	79.1	87.1	88.1	79.5	61.1	54.2	42.2	62.5
40	19.9	28.7	40.9	51.5	74.4	81.4	93.3	89.5	81.8	66.6	32.7	35.0	58.9
41	31.7	37.2	42.9	56.1	72.7	74.8	89.6	85.6	70.9	58.0	47.8	35.0	58.5
42	31.1	28.5	44.0	63.4	62.8	73.3	86.6	84.2	72.0	64.1	47.5	37.9	58.0
43	21.6	41.8	39.7	66.5	66.9	75.7	89.0	89.6	79.5	65.8	45.2	41.3	60.4
44	40.5	31.2	30.8	54.9	73.3	77.7	84.6	87.1	77.6	70.2	40.1	35.3	58.6
45	32.8	32.0	45.8	56.7	65.2	68.3	87.0	87.6	72.2	65.1	42.4	30.2	57.1
46	39.6	40.8	53.1	67.3	63.9	77.2	88.9	84.3	74.1	51.4	43.6	36.9	60.1
47	33.6	29.9	34.4	55.6	67.4	72.4	88.9	91.9	76.8	68.5	38.8	38.7	58.1
48	35.3	31.3	39.7	62.2	66.4	73.4	84.3	87.4	83.8	65.3	42.1	30.6	58.7
49	17.7	24.0	40.0	65.2	73.1	81.4	91.3	92.0	75.3	57.4	58.1	30.3	58.8
50	12.5	34.5	34.8	47.4	61.6	76.5	82.4	82.1	72.3	66.5	42.2	37.7	54.2
51	28.8	39.0	32.9	55.2	70.2	70.7	84.6	81.5	66.4	54.6	29.9	23.6	54.0
52	26.3	33.9	31.4	65.7	68.7	82.9	88.1	85.9	81.9	64.0	44.0	40.4	59.4
53	39.3	37.9	45.0	46.9	63.1	76.8	87.1	86.8	77.5	70.4	52.0	39.4	60.2
54	27.7	51.3	35.9	56.2	66.0	75.7	93.0	85.7	74.7	56.9	53.2	41.2	59.3
55	34.0	27.1	37.8	64.1	70.2	74.9	89.6	91.2	75.7	67.1	31.5	27.1	57.1
56	24.4	30.4	45.1	51.5	67.9	87.6	84.0	83.9	77.2	66.3	41.8	39.1	58.3
57	19.0	34.8	43.4	51.6	65.9	74.8	92.0	85.1	72.1	56.3	42.9	46.1	57.0
58	43.5	31.7	36.4	55.7	78.0	72.7	80.1	91.0	80.1	66.3	44.5	35.4	59.6
59	28.0	25.9	46.2	55.1	66.0	83.7	86.1	91.6	71.1	54.8	37.4	39.8	57.2
60	31.5	28.0	40.6	59.2	70.6	76.3	92.7	88.9	78.5	64.7	47.9	33.8	59.3
61	36.5	43.6	50.0	55.6	67.8	88.0	89.3	92.9	67.9	61.5	44.8	31.6	60.8
62	27.1	33.4	38.6	62.2	66.8	76.5	81.7	86.4	75.9	65.4	48.2	39.1	58.6
63	24.3	39.3	52.2	54.5	68.8	78.8	87.8	90.2	82.4	73.6	51.1	30.7	61.1
64	37.8	37.2	39.8	59.7	71.6	76.9	96.7	84.3	74.7	67.0	41.6	24.3	58.6
65	31.0	31.6	28.9	56.6	66.6	74.5	84.6	84.6	60.3	70.3	46.5	40.5	56.9
66	24.5	31.6	48.9	52.6	72.6	80.5	93.3	82.3	79.4	64.3	40.4	35.3	58.8
67	35.1	35.1	44.3	56.7	61.9	72.3	87.2	90.1	77.8	63.1	44.0	32.2	58.3

MONTHLY AND SEASONAL SNOWFALL (IN.)

SEASON	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	TOTAL
-96	0	0	0	0	4.0	5.0	10.0	5.0	0	24.0
96-97	0	0	19.0	0	6.0	5.0	10.5	7.0	0	47.5
97-98	0	1.0	12.5	3.0	4.0	1.5	27.8	0	0	49.8
98-99	0	6.0	2.0	2.5	5.9	3.5	15.5	7.5	1.0	43.9
99-00	0	8.0	.5	6.0	.7	4.0	6.2	0	0	25.4
00-01	0	0	3.0	2.0	2.0	3.0	5.0	0	0	15.0
01-02	0	0	2.0	6.0	3.5	4.0	17.5	2.0	0	35.0
02-03	0	0	0	2.5	5.3	4.0	5.0	4.5	0	21.3
03-04	5.0	0	1.5	6.0	8.0	7.0	6.5	3.0	0	37.0
04-05	0	0	0	11.0	7.0	2.0	.5	7.0	0	27.5
05-06	0	6.0	10.0	0	9.0	2.0	13.0	0	0	40.0
06-07	0	0	2.0	6.0	6.0	3.0	1.0	4.0	2.0	24.0
07-08	0	0	.5	2.0	4.0	8.0	17.5	2.0	6.0	40.0
08-09	0	0	3.0	5.0	12.0	11.0	10.0	8.0	0	49.0
09-10	0	0	7.0	9.0	8.0	13.0	0	0	0	37.0
10-11	1.0	0	0	1.1	1.0	.7	0	2.1	0	5.9
11-12	0	0	3.6	10.2	2.9	.3	4.7	5.0	4.0	30.7
12-13	0	2.0	0	.2	11.1	.8	11.2	.7	.5	26.5
13-14	0	0	0	.4	2.2	15.5	7.0	0	0	25.1
14-15	0	0	0	3.5	3.8	6.0	.8	0	0	14.1
15-16	0	0	2.2	.8	14.8	2.4	13.0	3.5	0	36.7
16-17	0	1.0	1.0	9.3	5.0	2.4	9.7	2.0	1.0	31.4
17-18	0	0	0	9.7	6.5	3.5	7.3	0	.3	27.3
18-19	0	0	3.0	5.0	10.5	6.5	4.5	6.0	0	35.5
19-20	0	19.0	11.0	2.5	5.0	6.0	22.0	0	0	65.5
20-21	0	1.0	1.0	2.0	1.0	0	4.0	.1	0	9.1
21-22	0	0	7.2	3.8	5.1	5.4	4.0	5.0	0	30.5
22-23	0	10.0	26.8	1.0	4.0	2.0	4.0	4.0	0	51.8
23-24	0	2.0	0	0	1.0	9.0	9.0	0	0	21.0
24-25	0	0	.6	6.0	6.0	4.0	10.2	0	0	26.8
25-26	0	4.8	0	7.5	17.0	7.5	0	5.0	0	41.8
26-27	.5	.5	9.3	2.6	6.7	3.4	15.8	32.0	5.0	75.8
27-28	2.0	0	5.0	9.5	10.2	0	13.0	0	0	39.7
28-29	0	5.0	3.0	0	4.0	6.0	21.0	1.0	0	42.0
29-30	0	4.0	17.0	4.0	2.4	10.1	0	0	0	37.8
30-31	0	0	4.0	3.0	3.0	8.0	9.0	0	0	27.0
31-32	0	0	1.5	3.5	19.5	1.0	11.0	0	0	36.5
32-33	0	0	0	.5	4.5	5.5	2.4	10.5	0	23.4
33-34	0	0	1.0	7.7	1.2	.3	9.0	7.5	0	27.6
34-35	0	0	0	0	2.0	5.8	14.5	10.0	0	32.3
35-36	0	0	5.0	7.0	7.9	4.7	5.6	2.2	0	32.4
36-37	0	7.0	4.8	2.5	13.5	5.0	9.5	6.0	0	48.3
37-38	0	0	4.0	4.5	5.5	4.0	4.0	4.7	0	26.7
38-39	0	0	7.0	6.5	1.2	8.0	10.0	0	0	32.7
39-40	0	0	0	1.0	3.4	7.6	10.1	2.0	0	24.1
40-41	0	0	7.5	2.6	2.4	5.7	1.6	0	0	19.2
41-42	5.0	0	1.5	4.0	0	7.0	6.0	0	0	23.5
42-43	0	0	2.0	1.5	4.7	5.5	6.7	0	12.0	37.4
43-44	0	3.0	1.5	0	15.0	6.0	16.2	2.0	0	43.7
44-45	0	0	6.0	8.0	14.0	1.4	5.0	7.5	4.0	46.0
45-46	0	0	12.0	0	1.0	1.5	20.0	0	0	34.5
46-47	0	24.0	.5	6.5	10.0	4.2	7.0	8.0	0	60.2
47-48	0	0	5.5	2.0	1.2	6.0	.2	4.0	0	20.9
48-49	0	0	0	4.7	35.5	1.0	5.0	0	0	46.2
49-50	0	7.0	0	3.0	2.5	5.0	23.0	6.5	23.0	70.0
50-51	0	9.0	1.0	2.4	5.5	6.0	2.1	0	0	26.0
51-52	0	12.5	4.5	5.6	2.0	7.1	6.2	0	0	40.1
52-53	0	0	0	0	8.0	11.5	10.0	0	1.0	30.5
53-54	0	0	4.0	0.5	5.5	0	15.5	0	0	25.5
54-55	0	9.0	2.0	0	2.0	5.6	4.7	0	0	23.3
55-56	0	0	5.0	1.6	7.3	.2	1.4	.5	1.5	17.5
56-57	0	0	11.0	3.3	3.9	1.8	2.6	3.7	0	26.3
57-58	0	.5	4.0	0	2.0	5.0	4.0	4.2	0	19.7
58-59	0	0	5.5	7.2	5.8	10.1	0	11.5	0	40.1
59-60	0	0	9.0	0.5	3.0	4.7	3.2	0	0	20.4
60-61	0	0	5.0	8.0	1.0	3.0	5.0	0	0	22.0
61-62	0	0	2.5	3.7	7.2	6.0	8.4	0	0	27.8
62-63	0	0	2.0	2.3	3.7	9.8	.7	14.0	0	32.5
63-64	0	0	2.5	1.9	5.0	3.3	1.5	1.0	0	15.2
64-65	0	0	16.0	5.0	5.5	2.0	3.3	1.0	0	32.8
65-66	0	0	3.5	2.1	3.3	3.8	5.0	4.4	0	21.1
66-67	0	0	10.4	4.1	.8	6.4	7.2	22.0	2.7	53.6

TOTAL PRECIPITATION (IN.)

YR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	ANNL
96	.40	.50	1.34	1.47	1.91	4.50	3.58	.99	2.41	.46	1.90	.00	19.46
97	.60	.50	1.20	1.20	1.72	1.14	.73	1.12	.08	.49	1.06	.30	10.20
98	.40	.45	2.78	.97	2.63	3.00	1.31	.97	1.38	1.08	.20	.27	15.24
99	.59	.35	1.55	1.28	3.04	3.06	.32	1.52	.43	1.56	.07	.62	14.41
00	.07	.40	.71	1.28	1.15	1.05	2.52	2.21	2.49	.24	.30	.20	12.92
01	.20	.30	.50	.40	.19	5.32	.76	1.23	.46	.00	.03	.60	11.39
02	.35	.55	2.05	1.60	3.98	2.41	2.44	1.26	.13	.44	.00	.25	16.00
03	.53	.40	.50	.72	2.01	2.15	1.88	1.95	1.54	.32	.60	.60	13.21
04	.60	.70	.65	.44	.92	1.02	1.52	1.78	.07	.67	.00	1.10	10.42
05	.70	.20	.75	.90	1.36	2.58	4.18	.48	.60	1.02	1.00	.00	13.77
06	.90	.20	1.30	1.47	5.48	3.06	.54	4.13	1.53	.70	.44	.60	19.75
07	.60	.30	.10	.40	4.39	4.48	3.23	.46	1.39	.00	.05	.20	15.54
08	.40	.80	1.85	1.42	2.37	2.46	.62	.92	1.48	2.24	.30	.50	15.56
09	1.20	1.10	1.00	1.00	3.07	3.04	3.92	.19	1.60	.00	.70	.90	13.26
10	.80	1.30	.20	1.13	.66	1.37	.52	1.06	2.50	.35	.00	.10	9.77
11	.12	.07	.15	.21	.57	1.06	.97	2.88	1.10	.34	.43	.89	8.83
12	.29	.04	.38	1.59	1.63	1.75	2.38	2.33	2.03	1.26	.00	.05	13.71
13	2.02	.08	.41	.13	2.63	1.74	.63	1.20	1.81	3.16	.12	.04	12.97
14	.18	.69	.52	1.30	2.48	4.62	.84	.95	.45	.93	.00	.32	12.54
15	.29	1.00	.14	1.04	2.72	5.95	4.87	1.86	1.00	.90	.36	.09	20.11
16	.66	.47	1.52	1.81	3.05	2.02	.85	3.08	.31	.30	.17	.73	12.97
17	.31	.24	.85	.85	3.02	1.51	.95	.60	.10	.00	.00	.30	8.73
18	.35	.13	.28	.83	1.51	.66	1.20	2.56	.63	.23	.21	.28	9.07
19	.15	.45	.35	2.39	1.26	.65	1.66	.12	.56	1.06	.39	.07	8.95
20	.24	.28	1.75	1.41	4.32	2.30	2.48	.57	.49	.33	.11	.07	15.35
21	.07	.00	1.66	.40	1.73	1.66	.77	1.09	1.76	.00	.55	.40	10.09
22	.54	.49	.26	2.45	3.97	5.50	3.09	1.92	.10	.75	1.55	.20	20.85
23	.31	.12	.20	.34	.92	2.84	2.25	2.83	4.56	1.69	.00	.00	16.06
24	.06	.65	.69	.18	.37	3.95	2.35	.95	.14	2.91	.22	.37	13.06
25	.22	.12	.60	.52	2.09	4.32	2.59	.54	.63	.82	.00	.74	13.65
26	.60	.75	.05	.24	1.86	4.40	1.48	2.69	1.13	.30	1.40	.10	15.40
27	.35	.34	.74	4.62	5.61	2.39	3.36	3.94	.88	.35	.90	.95	24.07
28	.50	.00	.80	.22	.75	3.42	3.38	1.45	1.45	.55	.15	.00	13.77
29	.40	.60	2.10	.10	6.18	2.35	1.00	.44	2.04	1.60	1.42	.40	17.53
30	.25	1.01	.42	.79	1.52	6.17	1.65	1.65	1.13	1.16	.40	.30	16.37
31	.30	.65	1.10	.35	1.16	1.30	3.46	.77	1.37	.50	.35	.36	11.59
32	1.95	.10	1.40	1.93	2.26	2.76	.18	1.20	.14	.00	.05	.45	12.46
33	.50	.21	1.70	1.69	2.53	.47	.77	1.25	.95	.75	.15	.82	11.97
34	.10	.03	1.01	.80	.04	2.55	.40	.70	.56	.20	.15	.15	6.60
35	.20	.50	1.44	1.10	2.70	2.62	1.00	1.00	.28	.02	.33	.59	11.95
36	.58	.36	.43	.66	.59	.49	.02	.15	.32	.54	.39	.20	4.73
37	1.10	.34	1.02	1.04	2.07	4.20	4.42	.39	.13	.00	.29	.35	15.33
38	.44	.14	.59	.84	3.64	3.51	4.91	.20	1.21	.33	.49	.29	14.49
39	.04	.62	.79	1.22	3.01	4.95	1.55	2.44	.35	.73	.00	.10	13.96
40	.25	.45	1.09	2.18	1.54	1.78	4.14	.73	.51	.60	.59	.12	14.58
41	.09	.23	.19	2.38	2.53	7.14	.51	1.86	3.85	.74	.07	.22	19.88
42	.00	.32	.40	3.21	1.91	1.96	1.54	3.00	1.45	.11	.50	.31	15.31
43	.65	.12	.27	.63	1.70	4.96	.61	3.42	.18	.74	.04	.02	13.31
44	.70	.37	.94	1.43	1.10	6.40	2.61	.02	.67	.16	.62	.15	16.09
45	.69	.11	.45	.79	1.82	2.66	1.45	.68	1.73	.31	1.15	.75	12.32
46	.06	.10	1.90	1.33	4.20	2.75	.83	.99	2.36	4.30	.10	.78	19.50
47	.44	.41	.37	1.43	1.45	4.21	.24	.51	.30	1.00	.29	.13	10.84
48	.23	.48	.03	2.23	3.76	2.50	2.13	2.40	.62	.08	.84	.25	15.55
49	2.93	.08	.31	1.75	1.08	.54	1.08	.28	1.01	2.20	.00	.17	12.03
50	.15	.39	1.44	.94	2.39	2.19	1.46	1.99	.68	.66	.22	.18	12.71
51	.25	.31	.24	.44	1.48	1.75	3.07	2.75	1.02	1.59	.13	.76	13.82
52	.13	.53	.62	.00	2.29	1.24	2.69	.86	1.52	.00	.00	.00	9.94
53	.43	.48	.77	1.88	1.78	4.31	2.49	2.21	.69	.21	.17	.06	15.48
54	.15	.09	1.08	.52	.75	3.10	.90	3.34	.00	.41	.10	.00	10.34
55	.04	.42	.32	.46	3.29	1.27	2.02	.39	1.29	.06	.27	.11	10.36
56	.69	.02	.16	.49	1.92	1.16	3.12	1.43	.45	.00	.29	.09	9.82
57	.15	.13	.23	.77	2.14	3.22	.62	1.60	1.25	.96	.67	.09	11.97
58	.14	.30	.34	1.20	.51	2.34	3.37	.94	.16	.35	.56	.43	9.64
59	.22	.67	.05	1.62	2.04	3.51	1.54	.74	2.03	.53	.70	.01	13.60
60	.05	.38	.32	.22	3.15	4.04	1.03	2.26	1.48	.08	.20	.37	13.58
61	.02	.07	.46	.63	1.91	1.27	.67	1.45	2.88	.57	.80	.60	11.77
62	.30	.34	.46	1.33	5.81	.90	5.37	.49	1.04	1.22	.56	.27	18.78
63	.15	.71	.04	2.89	1.25	5.08	1.45	.03	2.15	.46	.25	.18	15.44
64	.26	.17	.05	.55	1.74	6.78	.74	1.35	.15	.32	1.02	.53	13.46
65	.31	.25	1.19	1.66	3.97	4.07	2.29	1.62	.62	.00	.37	.11	16.86
66	.16	.31	.47	.60	.98	1.55	2.14	2.34	1.41	.70	.40	.29	11.55
67	.11	.60	.47	3.69	1.94	3.76	.53	.06	3.47	.35	.31	.23	15.43