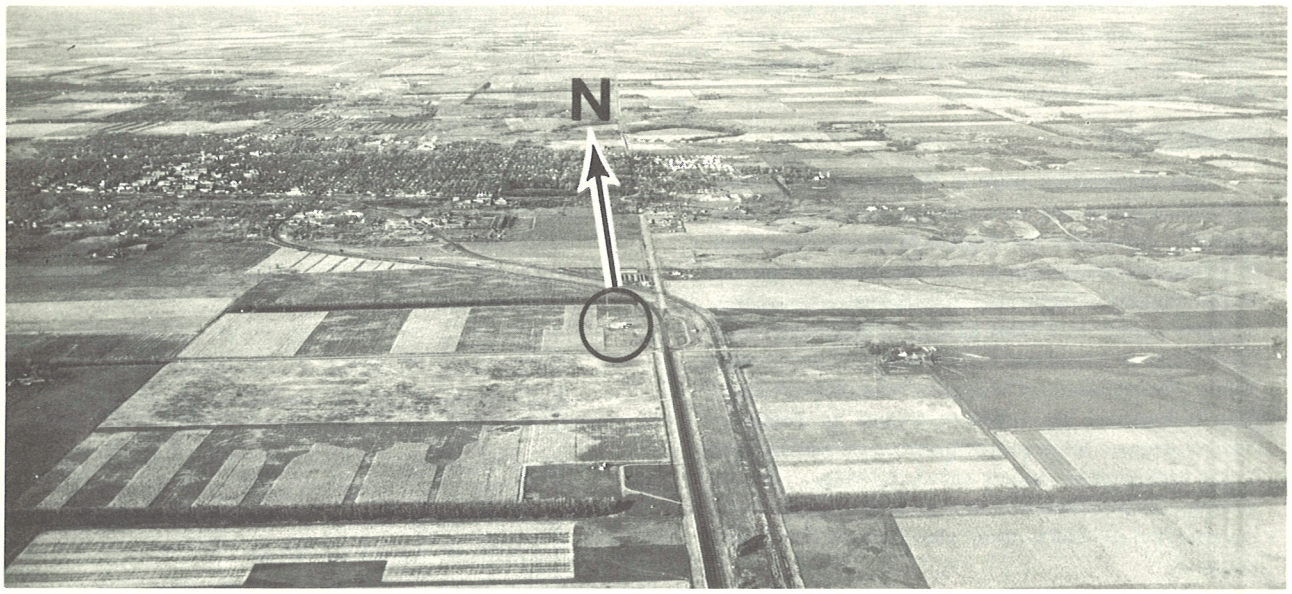
CLIMATOLOGICAL SUMMARY

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

NO. 4

MITCHELL South Dakota

LATITUDE 43° 41′ N LONGITUDE 98° 01′ W ELEVATION 1,346 FT.



STATION HISTORY

The first official weather observations in Mitchell were made in June 1891, but were discontinued in February 1893. Continuous official weather records have been made at this station since January 1896 to date. This summary uses records from 1896 through 1965. Instruments at station consist of maximum and minimum thermometers and standard rain gage.

Weather observations that included wind and relative humidity measurements were made at the Mitchell airport from November 12, 1949, to date. The data from these observations are not included in this summary but may be obtained from the National Weather Records Center, Asheville, North Carolina, directly or through State Climatologist.

DETAILED STATION HISTORY

Date	Location	Elevation (Ft)	Observer
June 1891 - Feb. 1893	2 miles SSE of P. O.	1346	J. E. Gilbert
Jan. 1896 - May 1901	1 mile SW of P. O.	Unknown	E. C. Huyck
June 1901 - Oct. 1919	1 mile SW of P. O.	1312	C. W. Downey
Nov. 1919 - Mar. 1922	1 mile SW of P. O.	Unknown	John H. Blain
Apr. 1922 - Oct. 1938	1 mile SW of P. O.	1293	Irving T. Lothrod
Nov. 1938 - Sept. 1949	1 mile SW of P. O.	1293	Harold Eberhard
Oct. 1949 - Jan. 1960	2 miles SE of P. O.	1295	Radio station KORN
Jan. 1960 - date	2 miles SSE of P. O.	1346	Radio station KORN

Data Compiled from Official U. S. Weather Bureau Records (U. S. Dept. of Commerce, Environmental Science Services Administration) by State Climatologist for South Dakota in Cooperation with the Agricultural Engineering Department of the South Dakota State University Agricultural Experiment Station.

(2.5M—9-66—4757)

STATION SUMMARY

Mitchell, the county seat, is located in east central Davison County in southeastern South Dakota. The climate is a continental type and may be considered homogenous over the county. There are no large bodies of water nearby nor other physical features that materially affect the climate. The topography is gently undulating.

The main source of income in the area is agriculture. The principal crops are, in order of importance, corn, oats, hay, and sorghum. Livestock feeding consumes most of the crops locally.

TEMPERATURE:

The temperature range in the area is large from summer to winter and occasionally from day to day. It usually rises above 100 degrees in summer and drops to 20 degrees below zero or lower in winter. A reading of 100 degrees or higher may be expected on an average of about 5 times in 2 years in July, a little more than once a year in August and a little less than once a year in June. Temperatures of 30 degrees below zero or lower may be expected about once in 4 years in February. Twenty degrees below zero or lower may occur on about 1 day each year in January and in February. On the average, temperatures will drop to zero or lower on 26 days per year and fail to climb above zero at least 1 day per year.

The average date for last frost in spring is May 8 and first frost in fall is September 30.

PRECIPITATION:

The average annual precipitation in this area is 22.35 inches of which 17.32 inches, or 77%, falls during the growing season (April-September). The main source of rain during the growing season is thundershowers which produce a wide range of intensities and amounts. A rainfall of 1 inch or more in 1 hour may be expected about once each year. Two inches of rain in 1 hour may be expected about once in 8 years. About once a year a 24-hour rain of 2 inches or more may be expected, and about once in 10 years a 24-hour rain of 3 inches or more may be expected.

The average seasonal snowfall is 32 inches. Seasonal totals have varied from 5.6 inches during 1900-01 winter to 71.8 inches during 1916-17 winter. Strong winds often accompany the snowfall causing large drifts in and near sheltered areas, while open fields remain nearly bare.

Hail occasionally accompanies thundershowers and may be expected about once a year. It is most likely to fall in June, although it may fall any time during the growing season.

OTHER CONSIDERATIONS:

Wind speed averages about 11 mph in the summer with prevailing direction from the south. During winter, the wind averages 12 mph with the prevailing direction from the northwest. A wind speed of 50 mph or more may occur any month, but is most likely to occur in summer months in association with thunderstorms. Thunderstorms occur on the average of about 10 days in June and July, 8 in August, 7 in May, and 5 in September, with fewer in other months for a total annual average of about 45.

It is possible for a tornado to touch down in Mitchell, but it is difficult to give the probability of an event that has a rare occurrence.

Sunshine is an important factor in crop production. An average of about two-thirds of possible sunshine can be expected in the Mitchell area. The greatest amount of sunshine occurs in July when there is about three-fourths of possible. The least occurs in December when there is less than one-half of possible.

Relative humidity usually has an appreciable variation from early morning to afternoon and occasionally from day to day. It averages from about 50% in afternoon to 90% in early morning during summer and from about 65% in afternoon to 80% in early morning during winter.

The potential water loss from soil and crops is indicated by the loss from an evaporation pan. The average annual evaporation from the Weather Bureau Class A pan in the Mitchell area is about 51 inches. An average of about 40 inches evaporates from May to October. The evaporation from small lakes is about 37 inches, and the water loss from soil and crops is usually less, depending upon the available soil moisture.

AVERAGE TEMPERATURE, 1896-1965 (°F.)

YR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	ANNL
96	20.5	26.1	25.7	48.6	62.0	66.8	71.0	69.5	56.1	45.6	16.7	25.1	44.5
97	10.0	13.9	23.4	45.9	57.4	64.5	73.3	65.7	68.8	52.7	31.0	17.8	43.7
98	23.9	25.5	33.0	45.8	54.7	67.5	70.4	70.3	63.0	43.9	28.6	19.9	45.5
99	18.5	8.0	18.0	44.1	56.2	66.9	71.6	72.1	59.1	50.3	42.4	18.0	43.8
00	23.8	15.4	33.3	53.6	62.4	69.4	72.4	75.8	62.6	57.2	31.8	27.6	48.8
01	24.1	18.9	35.8	49.9	60.1	69.4	79.4	73.3	60.0	53.4	34.7	19.1	48.2
02	21.3	18.0	35.3	45.4	61.3	64.0	71.6	67.8	57.1	51.7	35.0	13.0	45.1
03	15.8	10.9	31.9	47.6	59.4	65.6	71.5	69.2	60.4	52.4	30.7	15.9	44.3
04	11.2	8.4	33.6	42.7	58.5	65.8	69.7	68.7	61.9	53.1	40.8	25.2	45.0
05	9.2	12.7	39.9	46.8	54.3	65.6	70.6	73.8	65.0	46.0	38.8	26.5	45.8
06	20.7	21.8	22.6	51.0	60.2	66.8	71.1	72.4	64.1	49.3	34.1	22.9	46.4
07	7.9	21.1	38.4	37.9	49.7	64.8	70.9	70.1	58.8	48.1	36.0	27.2	44.2
08	22.9	20.8	34.0	48.4	56.2	64.2	71.6	67.7	68.7	47.8	36.2	22.1	46.7
09	14.9	19.4	30.4	40.4	56.9	67.2	71.5	75.2	61.0	47.3	33.6	9.5	43.9
10	11.9	10.9	47.8	50.9	54.0	67.7	72.8	67.4	60.1	54.5	30.9	19.6	45.7
11	16.0	17.7	38.8	46.2	62.0	72.5	70.7	67.0	62.2	45.3	25.9	21.7	45.5
12	4.4	19.0	25.6	49.2	59.7	65.4	70.3	67.5	57.1	50.5	39.4	27.1	44.6
13	17.2	13.9	26.6	49.2	56.4	70.9	71.7	74.4	62.7	46.8	40.2	27.3	46.4
14	23.3	12.0	32.2	46.6	59.7	69.7	76.0	69.1	61.8	52.0	39.4	14.5	46.4
15	13.5	21.9	20.7	55.0	52.8	62.0	66.1	64.5	58.7	50.4	37.6	21.8	43.8
16	4.2	15.1	32.9	43.5	55.8	62.5	79.0	70.4	59.8	45.4	31.1	12.5	42.7
17	11.5	7.3	27.4	41.7	54.0	63.6	74.0	67.8	59.8	38.6	40.7	9.5	41.3
18	5.2	18.0	41.4	41.9	59.6	68.5	70.4	71.5	55.2	51.1	35.2	29.6	45.6
19	27.7	17.2	31.9	46.0	58.0	69.3	76.1	70.7	63.8	43.1	24.1	16.4	45.4
20	17.7	23.7	33.3	40.2	59.3	69.4	73.5	70.9	65.4	56.3	33.1	23.5	47.2
21	26.0	30.3	39.5	50.5	60.2	75.2	77.5	72.0	64.3	53.0	29.1	24.2	50.2
22	16.5	11.1	34.1	49.3	62.0	72.0	71.6	75.1	69.1	54.2	38.7	18.8	47.7
23	24.7	18.5	30.6	47.4	58.4	69.7	76.6	70.5	64.9	48.6	41.3	31.3	48.5
24	11.7	24.5	30.1	49.1	52.8	64.6	71.0	71.7	60.4	57.3	37.4	13.6	45.4
25	14.0	25.8	39.7	56.3	58.1	65.1	74.1	75.9	69.1	39.5	35.2	22.4	48.3
26	20.1	30.6	33.5	49.1	66.3	68.0	76.2	73.7	60.7	52.2	30.2	20.7	48.4
27	22.3	28.3	36.9	47.3	55.9	67.0	72.0	69.2	65.8	55.3	30.4	7.6	46.5
28	21.9	26.8	38.1	42.3	62.3	64.5	73.9	73.3	61.1	51.3	35.1	29.1	48.3
29	5.8	10.5	38.6	49.1	57.0	67.2	75.6	73.8	58.8	51.3	30.6	22.3	45.1
30	8.9	35.1	34.7	51.7	57.2	68.1	80.1	75.7	63.8	49.1	38.3	28.5	49.2
31	29.9	35.1	33.9	50.5	57.2	77.7	79.0	75.2	70.1	54.4	37.1	25.7	52.2
32	14.1	21.6	26.3	50.3	62.1	71.4	77.4	75.3	63.8	48.1	35.2	18.7	47.0
33	29.4	17.3	35.7	48.6	58.5	80.3	77.2	71.2	69.6	51.2	37.9	23.0	50.0
34	25.8	26.9	34.9	51.4	72.4	73.8	79.5	73.7	59.7	56.0	39.6	23.1	51.4
35	17.6	31.7	39.2	44.6	54.3	66.3	82.0	75.0	65.4	49.5	31.2	21.9	48.2
36	2.8	3.2	35.3	44.3	64.8	71.8	86.4	79.1	68.7	49.3	33.5	24.8	47.0
37	2.9	17.2	33.0	45.2	61.8	67.6	78.3	80.2	65.9	50.3	33.7	21.0	46.4
38	18.1	19.2	40.4	50.6	57.7	70.1	77.3	79.3	67.4	59.6	32.8	26.2	49.9
39	26.7	13.0	36.6	48.6	67.6	69.6	78.7	73.7	68.4	51.4	40.2	32.4	50.6
40	7.0	22.2	30.0	47.2	59.8	69.8	79.1	71.9	69.1	58.6	29.9	26.6	47.6
41	19.9	20.7	33.0	51.6	65.6	70.0	77.7	76.2	65.0	51.7	39.0	30.8	50.1
42	25.1	22.8	35.8	54.3	56.7	68.7	74.5	73.2	59.0	51.6	36.7	21.1	48.3
43	12.7	28.5	29.3	51.6	57.0	69.2	77.7	75.3	62.4	52.6	35.0	27.4	48.2
44	28.5	20.5	26.6	44.4	64.6	68.4	73.7	71.3	63.5	52.3	35.7	23.7	47.9
45	22.3	25.8	40.7	45.5	53.6	61.6	72.8	72.0	61.5	52.5	33.1	13.8	46.3
46	21.4	24.3	42.0	55.4	56.0	69.5	74.3	69.6	60.5	47.6	32.0	25.3	48.2
47	26.0	17.5	30.4	44.4	55.2	64.9	73.0	78.5	64.3	56.7	29.8	21.6	46.9
48	16.2	19.7	31.9	55.0	59.6	66.7	74.4	73.0	67.6	51.3	34.4	20.5	47.5
49	11.7	14.8	32.9	49.8	63.0	69.9	76.6	73.4	58.8	51.9	44.0	22.6	47.5
50	6.9	19.8	25.7	41.4	56.2	69.5	69.9	69.4	62.8	53.6	32.3	20.9	44.0
51	16.6	26.7	22.6	42.1	59.0	61.9	70.3	69.9	56.2	48.7	30.5	14.2	43.2
52	13.9	27.2	26.6	50.0	59.7	73.1	76.4	72.4	66.6	48.4	35.5	25.2	47.9
53	22.7	24.5	35.7	42.9	58.2	71.6	74.3	74.7	65.4	57.4	39.2	22.9	49.1
54	12.4	38.9	30.3	51.0	54.9	69.0	77.2	72.5	63.9	48.1	41.6	23.7	48.6
55	21.4	15.1	31.6	56.8	64.9	67.5	80.5	79.6	66.1	53.3	26.7	12.6	48.0
56	12.5	15.2	30.0	43.2	61.0	76.4	73.3	71.5	63.4	57.4	35.2	28.5	47.3
57	11.4	24.3	32.2	46.2	56.8	66.2	78.6	73.7	60.6	49.6	34.8	31.6	47.2
58	25.9	18.5	29.1	47.7	62.7	66.1	71.1	74.9	66.3	54.0	37.3	20.0	47.8
59	13.1	15.8	38.6	48.8	60.0	73.4	74.9	78.0	63.0	45.5	27.4	31.1	47.5
60	16.2	16.0	19.6	48.1	59.9	67.8	75.9	74.4	65.0	53.7	38.2	21.7	46.4
61	16.7	26.5	38.2	44.8	57.6	71.0	74.1	76.1	61.6	53.0	35.3	17.9	47.8
62	16.8	19.6	24.1	49.4	64.5	69.0	72.5	72.8	62.0	54.3	40.7	24.7	47.5
63	9.2	24.2	40.5	50.7	60.2	73.1	77.1	72.9	65.5	58.5	37.3	13.1	48.5
64	22.8	26.4	27.1	50.6	64.6	71.6	78.7	69.4	62.4	51.6	33.6	15.1	47.8
65	12.7	19.7	23.3	48.8	62.3	68.6	73.7	72.4	54.2	54.0	35.5	29.8	46.3

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DAILY EXTREME VALUES BY MONTH AND DAILY MEAN TEMPERATURE, 1896-1965

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

JANUARY DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
01	58	39	-23	24	.80	07	16.0	07	18.0
02	58	35	-21	61	.84	11	10.0	16	15.7
03	62	62	-27	11	.73	49	6.0	49	17.1
04	53	30	-21	42	.44	10	6.0	10	17.8
05	51	35	-29	24	1.20	97	8.0	97	15.9
06	57	96	-24	10	.11	37	1.0	37	17.9
07	54	63	-28	12	.20	03	2.0	03	18.4
08	60*	63	-27	06	.06*	37	2.0	18	19.3
09	61	96	-22	37	.20	18	2.0	18	19.4
10	58	96	-16	57	.40	09	4.0	63	19.0
11	55	58	-29	18	.40	05	4.0	64	19.3
12	53	53	-37	12	.45	16	5.0	16	17.3
13	50*	58	-37	16	1.00	10	16.0	10	17.4
14	59	01	-35	16	1.21	52	2.0	07	17.7
15	58	14	-26	63	.20	09	2.0	17	16.5
16	50	51	-21	53	.18	32	4.0	41	16.7
17	59	23	-28	30	.70	97	5.0	10	16.4
18	54	44	-25	40	.14	22	1.2	22	17.9
19	60	00	-22*	63	.19	45	2.5	26	18.5
20	65	44	-23	36	.34	37	3.5	37	16.2
21	64	00	-26	54	1.15	17	18.0	17	16.0
22	61	00	-25*	37	.40	52	4.0	52	16.6
23	55*	44	-23	48	.10	36	1.0	49	16.6
24	57*	42	-28	04	.22	14	5.5	98	16.1
25	57*	42	-29	05	.20	21	4.0	21	14.5
26	59*	47	-28	97	.20	18	3.3	56	13.2
27	59	34	-25	97	1.32	44	3.0	23	15.1
28	60	06	-19	04	.33	25	4.0	25	16.3
29	67	31	-23	29	.18	22	3.0	22	15.7
30	58	31	-24*	18	.20	17	5.0	17	15.4
31	55	06	-26	18	.35	15	2.5	08	15.7

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE

FEBRUARY DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
01	59	31	-30	17	.79	22	6.0	17	15.7
02	64	24	-39	05	.60	19	6.0	19	16.1
03	67	62	-35	17	.60	24	6.0	24	17.2
04	59	62	-30	02	.53	17	10.0	15	17.8
05	62	63	-25	99	.62	08	11.0	11	18.7
06	53	00	-25	99	.54	28	4.0	48	17.9
07	50	43	-25	14	.58	28	2.5	36	17.5
08	60	54	-30*	33	.20	01	2.0	51	16.9
09	62	54	-38	99	.51	60	5.1	60	16.3
10	66	51	-30	06	.45	44	7.5	59	18.0
11	61	62	-39	99	.70	09	10.0	09	19.8
12	56	35	-32	05	.62*	50	7.0	08	20.8
13	66	34	-29	05	1.20	15	15.0	15	21.3
14	65	54	-30	36	1.23	18	10.0	18	19.7
15	66	21	-21*	36	.38	38	6.0	38	19.8
16	58	13	-34	36	.66	38	8.0	38	21.6
17	70	13	-21	03	.37	62	4.0	62	22.2
18	71	30	-25	38	1.56	62	15.0	62	21.5
19	65*	30	-26*	59	.18	54	3.0	55	20.5
20	62	30	-21	18	.51	53	16.0	53	20.6
21	65	43	-22	18	.55	13	10.0	13	20.9
22	65	58	-21	62	.43	22	4.3	22	22.4
23	70	58	-24	14	.80	24	10.0	42	23.2
24	60	58	-23	65	.32	04	6.0	04	22.9
25	68*	58	-09	42	.57	50	5.0	50	23.2
26	69	96	-25	97	.42	44	3.0	36	23.4
27	64*	26	-21	62	.89	58	8.9	58	24.7
28	67	05	-35	62	.43	58	4.3	58	25.4
29	56	64	-10	60	.00		0.0		24.5

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE

MARCH DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
01	72	01	-20	62	.40*	58	4.0	58	26.5
02	74	05	-18	13	2.63	06	20.8	06	27.3
03	77	05	-14	16	1.48	20	2.0	51	27.1
04	64	21	-21	60	.66	35	8.6	64	26.3
05	69	37	-14	20	1.00	33	7.0	33	25.5
06	65	37	-14	97	1.12	17	14.0	08	25.9
07	68	98	-17	20	.43	46	6.0	46	26.0
08	75	00	-11	46	.57	60	5.0	60	29.5
09	72	36	-04	15	.55	18	8.0	18	29.9
10	75	00	-10	48	1.66	56	24.0	56	30.9
11	68	03	-15	48	.73	27	4.0	62	31.1
12	76	00	-23	56	.48	27	5.0	54	31.6
13	73	45	-10	96	1.58	18	4.0	18	31.3
14	78	35	-18	97	1.00	99	9.0	99	30.3
15	75	35	-16	97	1.33	38	5.0	13	29.5
16	75	34	-11*	06	.80	17	11.0	17	31.4
17	74	01	-06	02	.84	46	6.0	51	32.8
18	85	21	-11	23	.65	20	12.0	57	33.8
19	77	10	-07	23	.84	63	11.0	63	33.5
20	76	11	-06	65	1.02	64	8.0	32	34.4
21	88	07	-07	65	.44	32	6.0	32	34.8
22	87	39	-05	99	.35	16	4.0	52	37.0
23	88	10	-16	99	.66	37	3.7	06	38.1
24	82*	39	03	52	1.13	37	5.0	37	39.0
25	85	39	-01	64	1.15	42	1.5	62	39.1
26	76	05	00	64	.84	21	6.0	42	35.8
27	80	46	-04	99	.69	00	4.0	42	35.7
28	82*	46	-03	99	.98	40	6.0	28	36.6
29	85	43	02*	64	.80	34	8.0	24	38.7
30	95	43	04	23	.94	49	6.0	36	39.3
31	90	46	02*	36	1.29	97	5.0	51	40.3

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE

APRIL DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
01	88	63	01	24	1.28	97	3.0	27	40.9
02	85*	63	02	08	.68	97	3.5	99	40.6
03	82	10	02	36	1.44	97	6.0	37	40.9
04	86	29	06	99	.89	58	6.0	57	42.4
05	83	12	10	99	.97	58	2.0	38	42.9
06	82	59	14*	16	.78	38	6.0	38	43.5
07	83	31	10	36	1.40	08	9.0	08	43.1
08	84	34	11	28	.91	41	5.2	62	43.8
09	92	30	13	28	.82	41	7.0	13	44.7
10	82*	30	13	39	1.16	50	6.0	19	46.2
11	85	31	14	39	1.20	96	1.5	29	45.8
12	91	31	15	57	.55	43	3.6	62	46.2
13	91	08	15*	50	1.70	27	2.0	05	47.4
14	91	08	09	28	1.61	41	3.8	28	48.9
15	88	98	20	62	1.50	19	1.0	44	48.9
16	92	64	11*	07	.94	00	7.0	45	48.1
17	86	46	11	07	.64	96	0.5	30	48.4
18	85	08	17	53	3.29	55	6.0	10	49.6
19	90	23	16	28	.68	57	1.5	04	49.6
20	92	26	17	07	1.60	17	2.0	17	51.3
21	87	08	15	27	1.37	21	2.0	27	51.5
22	86	13	23	27	.48	44	0.0		52.1
23	92	39	21	10	1.61	08	0.0		53.1
24	91	06	23	19	1.30	29	2.0	37	52.3
25	97	62	23	07	2.07	35	0.5	37	50.9
26	93	01	23	31	.90	15	0.2	32	51.8
27	89	52	19	09	.93	64	12.0	07	52.2
28	95	10	24	07	1.34	06	0.0		52.4
29	93	34	12	07	1.12	63	3.5	50	53.0
30	96	34	14	03	1.40	11	0.5	54	53.2

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE

MAY DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
01	98	59	19	09	1.51	42	0.0		55.0
02	94	55	23	09	1.54	99	0.0		55.1
03	92	18	24*	09	1.42	44	0.0		55.2
04	99	26	25	99	.80	05	0.0		55.6
05	93*	36	26	54	1.28	42	0.0		56.1
06	92	34	24	31	2.16	42	0.0		55.5
07	96	63	23	43	.90	58	0.1	24	55.7
08	102	34	25	45	.92	30	0.0		55.6
09	97*	28	27	23	1.58	48	0.0		56.0
10	88*	61	28*	45	1.47	18	0.0		56.3
11	96*	06	21	46	1.70	20	2.5	05	57.1
12	90	15	20	46	3.05	20	0.5	43	57.1
13	92	32	26*	43	4.60	08	0.0		56.9
14	96*	41	28	53	2.40	61	0.1	24	58.2
15	100	31	25	59	1.25	16	0.0		58.0
16	99	34	25	29	.84	51	0.0		59.0
17	105	34	27	25	2.30	98	0.0		60.7
18	104	34	29	15	1.93	38	0.0		61.3
19	104	34	34	15	1.38	50	0.0		60.2
20	102	34	30*	31	.91	57	0.0		60.4
21	97	64	23	31	1.05	16	0.0		61.0
22	95	64	26	63	1.11	62	0.0		62.2
23	100	26	33	47	1.40	14	0.0		62.3
24	99	26	26	97	2.00	09	0.0		62.5
25	96	26	30	01	2.30	09	0.0		63.3
26	96	31	34	47	2.28	08	0.0		62.9
27	94	34	29	07	1.05	26	0.0		61.6
28	107	34	28	65	.85	15	0.0		61.9
29	105	34	28	47	.95	14	0.0		63.9
30	108	34	30	97	.92	42	0.0		64.7
31	103	34	31	46	.65	61	0.0		64.9

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE

JUNE DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
01	98	40	31	46	2.77	20	0.0		63.5
02	99	34	31	46	1.55	54	0.0		63.5
03	100	33	37	36	1.71	40	0.0		64.6
04	101	33	35	51	1.80	08	0.0		65.4
05	101	33	37	07	2.40	14	0.0		65.6
06	97*	46	37	24	1.50	02	0.0		66.1
07	96	52	31	01	1.13	54	0.0		64.3
08	101	64	35	97	1.89	14	0.0		64.9
09	98	56	38	15	1.07	07	0.0		65.9
10	109	33	37	28	1.01	07	0.0		67.0
11	97	56	36	03	1.77	44	0.0		67.1
12	102	56	42	27	1.46	28	0.0		67.4
13	106	56	38	42	1.10	39	0.0		68.1
14	101*	59	41	27	1.05	12	0.0		69.4
15	103	59	37	17	1.95	61	0.0		69.5
16	103	33	41	02	1.87	60	0.0		69.6
17	100	33	41	12	1.35	48	0.0		70.4
18	103	33	39	02	3.70	23	0.0		69.7
19	104	33	42	48	1.20	46	0.0		70.3
20	98	33	43	61	1.08	31	0.0		69.7
21	101	40	33	02	1.40	01	0.0		69.9
22	100	22	39	05	1.06	40	0.0		71.1
23	110	37	43	42	1.95	08	0.0		71.3
24	99*	27	45	57	1.37	48	0.0		71.5
25	111	36	39	58	1.60	05	0.0		71.4
26	108*	33	41	26	1.70	09	0.0		71.6
27	108	31	41	98	2.67	53	0.0		72.3
28	110	31	44*	98	2.15	28	0.0		72.4
29	106	31	42	23	1.42	06	0.0		72.6
30	105	31	45	24	1.25	05	0.0		73.1

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE

PROBABILITY DATE OF LAST TEMPERATURE OCCURRENCE IN SPRING, 1896-1965 (°F.)

PERCENT CHANCE OF LATER DATE	TEMPERATURE LEVELS 16	20	24	28	32	36
90	MAR. 9	MAR. 15	MAR. 25	APR. 4	APR. 16	APR. 29
70	MAR. 17	MAR. 23	APR. 1	APR. 13	APR. 23	MAY 6
50	MAR. 30	APR. 6	APR. 15	APR. 29	MAY 8	MAY 19
30	APR. 12	APR. 20	APR. 28	MAY 14	MAY 22	JUNE 1
10	APR. 19	APR. 27	MAY 5	MAY 22	MAY 29	JUNE 7

PROBABILITY DATE OF FIRST TEMPERATURE OCCURRENCE IN FALL, 1896-1965 (°F.)

PERCENT CHANCE OF EARLIER DATE	TEMPERATURE LEVELS 16	20	24	28	32	36
10	OCT. 15	OCT. 6	SEP. 26	SEP. 17	SEP. 11	AUG. 31
30	OCT. 23	OCT. 14	OCT. 5	SEP. 25	SEP. 18	SEP. 7
50	NOV. 6	OCT. 29	OCT. 20	OCT. 9	SEP. 30	SEP. 20
70	NOV. 20	NOV. 11	NOV. 4	OCT. 23	OCT. 12	OCT. 3
90	NOV. 28	NOV. 19	NOV. 13	OCT. 31	OCT. 19	OCT. 9

MEANS AND EXTREMES,* 1896-1965

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.	27.4	6.2	16.8	67	31	29	-37	16	13	1458	0	18	30	11
Feb.	30.9	9.4	20.1	71	30	18	-39	05	02	1242	0	14	27	8
Mar.	43.5	21.4	32.4	95	43	30	-23	56	12	1005	0	6	26	1
Apr.	60.6	34.9	47.7	97	62	25	01	24	01	519	0	0	12	0
May	72.1	46.2	59.1	108	34	30	19	09	01	226	1	0	2	0
June	81.0	56.0	68.5	111	36	25	31	46	01	51	6	0	0	0
July	88.0	61.1	74.5	116	40	24	40	17	03	5	13	0	0	0
Aug.	86.1	58.9	72.5	115	34	04	34	11	28	14	11	0	0	0
Sept.	76.7	49.2	62.9	106	33	05	11	99	29	147	4	0	1	0
Oct.	64.7	37.6	51.1	96	38	03	-08	25	29	434	0	0	9	0
Nov.	45.8	23.5	34.6	81	53	15	-22	59	14	907	0	5	24	0
Dec.	31.9	11.9	21.9	68	41	03	-34	17	29	1317	0	14	30	6
Annual	59.1	34.7	46.8	JULY 116	40	24	FEB. -39	05	02	7325	35	57	161	26

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.	.47	2.10	97	1.32	44	27	5.6	31.0	10	18.0	17	21	3	1	0	
Feb.	.64	2.92	62	1.56	62	18	7.8	41.8	15	16.0	53	20	3	2	0	
Mar.	1.26	3.45	06	2.63	06	02	8.0	28.2	06	24.0	56	10	6	3	1	
Apr.	2.38	7.34	27	3.29	55	18	2.3	15.0	13	12.0	07	27	7	5	2	
May	3.18	10.58	42	4.60	08	13	0.0	2.5	05	2.5	05	11	9	6	2	1
June	3.91	8.56	20	3.70	23	18	0.0	0.0		0.0			10	7	3	1
July	2.94	8.84	15	4.35	29	14	0.0	0.0		0.0			8	6	2	1
Aug.	2.69	8.49	44	4.66	53	11	0.0	0.0		0.0			8	5	2	1
Sept.	2.22	6.72	01	4.35	50	21	0.0	0.0		0.0			6	4	1	1
Oct.	1.47	4.82	11	2.98	11	05	0.6	8.0	29	4.0	05	28	5	3	1	
Nov.	.70	2.71	47	1.22	30	20	3.3	20.0	09	11.2	60	28	3	2	0	
Dec.	.49	2.13	02	1.22	31	30	5.3	20.4	51	11.0	08	17	3	1	0	
Annual	22.35	MAY 10.58	42	AUG. 4.66	53	11	32.3	FEB. 41.8	15	MAR. 24.0	56	10	71	45	14	5

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

JULY DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
01	100	00	44*	30	2.18	15	0.0		72.7
02	101	55	43	45	2.50	33	0.0		74.1
03	102*	49	40	17	1.49	51	0.0		74.3
04	115	36	42	15	1.10	18	0.0		74.8
05	114	36	42	15	2.00	99	0.0		74.9
06	108	37	48	15	1.30	14	0.0		74.2
07	103	30	45	22	2.50	18	0.0		74.9
08	108	30	46	52	1.82	12	0.0		75.4
09	109	36	48	29	2.00	22	0.0		74.7
10	108*	36	47	02	1.07	55	0.0		75.4
11	110	30	49	45	1.35	13	0.0		76.3
12	105*	38	46	97	1.17	33	0.0		75.8
13	106	54	46	26	1.50	04	0.0		75.3
14	105	31	42	30	4.35	29	0.0		74.6
15	109	36	40	12	1.08	01	0.0		74.8
16	111	36	44	12	1.90	15	0.0		76.1
17	113	36	48*	06	1.40	03	0.0		75.9
18	107*	36	50*	22	1.36	15	0.0		76.6
19	109	36	48	11	1.50	07	0.0		75.8
20	112	34	46	98	.72	54	0.0		76.7
21	114	34	44	47	2.32	07	0.0		76.3
22	113	36	43	25	1.02	29	0.0		75.5
23	109	34	46	04	.62	33	0.0		76.3
24	116	40	45	05	.56	63	0.0		76.9
25	108	31	46	11	.80	18	0.0		76.9
26	110	30	46*	62	1.15	18	0.0		77.1
27	111	35	46	04	1.81	63	0.0		77.1
28	109	35	47	25	.77	03	0.0		77.1
29	108	35	45	99	2.04	48	0.0		76.7
30	106	55	47	03	2.52	41	0.0		75.6
31	107	55	47	03	.70	97	0.0		76.0

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE

AUGUST DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
01	109	01	46	04	2.24	21	0.0		74.9
02	108	38	43*	50	1.55	09	0.0		74.7
03	107	30	42	07	.75	08	0.0		74.4
04	115	34	44	15	.93	40	0.0		74.8
05	104	37	46	15	1.14	46	0.0		74.2
06	103	33	45	02	.75	12	0.0		74.1
07	104	35	47	21	2.60	09	0.0		73.3
08	105	38	47	04	1.10	97	0.0		73.8
09	109	47	42	27	1.72	62	0.0		74.6
10	105	47	42	03	2.10	23	0.0		72.7
11	103	36	37	02	4.66	53	0.0		72.0
12	104	65	38	02	.88	56	0.0		72.1
13	105	38	41	64	1.11	51	0.0		72.7
14	102*	37	42	29	.83	02	0.0		73.6
15	110	37	48	29	1.61	44	0.0		74.2
16	102*	35	38	97	.94	45	0.0		73.5
17	102	36	40*	43	1.48	12	0.0		72.3
18	103	34	45	97	.92	30	0.0		73.0
19	101	06	46*	39	.66	28	0.0		72.7
20	103	55	37	50	1.82	49	0.0		72.1
21	99*	47	41	20	1.25	30	0.0		71.5
22	110	38	38	23	1.67	54	0.0		71.5
23	105	36	41	27	3.41	57	0.0		71.8
24	110	36	40	96	.54	23	0.0		71.0
25	104	55	41*	64	1.97	54	0.0		70.8
26	102	55	39	10	1.66	44	0.0		70.1
27	104	26	40	96	1.00	52	0.0		71.3
28	102	37	34	11	1.12	32	0.0		70.4
29	100	61	37	46	2.51	20	0.0		70.8
30	103	98	40*	46	1.00	02	0.0		70.7
31	99*	48	41*	65	.46	62	0.0		70.7

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE

SETPEMBER DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
01	100	13	39	46	1.21	05	0.0		70.5
02	103	29	40	35	1.40	09	0.0		70.1
03	103	25	35	96	1.33	62	0.0		68.2
04	104	31	36	05	1.30	49	0.0		67.4
05	106	33	36	09	.52	54	0.0		68.4
06	102	22	35	56	.82	38	0.0		68.3
07	105	31	37	98	1.35	46	0.0		68.1
08	102	08	38	98	2.15	26	0.0		67.7
09	105	04	31	10	1.17	29	0.0		66.1
10	104	31	32	40	1.41	47	0.0		64.8
11	101	31	31	55	1.90	01	0.0		64.4
12	100*	39	24	02	.98	03	0.0		63.6
13	101	39	33*	50	2.15	14	0.0		63.4
14	100	39	33	03	2.25	36	0.0		63.1
15	103	55	29	16	.90	17	0.0		62.4
16	98	55	27	03	1.93	07	0.0		62.7
17	97*	55	30*	16	.80	23	0.0		63.3
18	100	40	26	01	2.33	45	0.0		63.2
19	98	39	22	96	1.60	31	0.0		61.4
20	93	41	22	96	1.27	64	0.0		59.7
21	97*	37	25	18	4.35	50	0.0		60.8
22	98	36	28	13	1.50	59	0.0		60.5
23	104	35	30*	28	.75	63	0.0		59.1
24	94	35	23	65	1.70	34	0.0		58.1
25	93	38	20	26	1.85	08	0.0		57.0
26	95	56	24	65	1.63	29	0.0		56.8
27	100	56	24	35	.57	65	0.0		57.2
28	93	97	23	51	.25	37	0.0		56.2
29	92	97	11	99	.35	19	0.0		56.9
30	91	32	14	99	1.43	03	0.0		58.0

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE

OCTOBER DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
01	93	51	27	61	.59	45	0.0		58.8
02	93*	53	30*	02	1.56	50	0.0		59.3
03	96	38	27*	50	1.19	03	0.0		57.6
04	96	22	21	35	1.07	08	0.0		56.7
05	93	63	18	98	2.98	11	0.0		56.0
06	91*	61	22*	35	1.50	01	0.0		54.6
07	90*	42	19	52	.72	62	0.0		54.1
08	86	05	25	45	1.03	59	0.0		53.2
09	91	28	19	64	1.22	63	1.8	32	54.7
10	93	28	15	06	1.25	49	0.2	32	54.0
11	95	10	22	08	2.64	61	0.0		52.8
12	87	56	14	17	1.10	14	0.0		53.8
13	93	58	14	09	1.98	43	0.0		53.5
14	89	18	10	37	1.20	99	0.0		54.6
15	93	58	28	52	1.15	11	0.0		53.0
16	93	10	23	00	.98	28	2.0	37	50.7
17	87	10	18	48	.38	15	0.0		50.4
18	85	36	17	07	1.17	04	0.2	25	49.4
19	86	58	10	17	.58	05	4.0	98	48.7
20	88	47	12	17	1.00	06	2.0	36	48.3
21	91	27	10	13	.97	59	1.0	36	47.6
22	83	01	16*	37	2.05	00	2.8	51	48.0
23	87	27	13	17	1.22	43	3.0	06	47.5
24	85	44	14	17	.10	16	0.2	25	47.2
25	85	27	16	07	1.50	97	2.0	08	45.5
26	89	27	09	19	.81	41	1.0	19	45.4
27	82	22	15	19	.38	41	2.5	25	44.0
28	88	37	01	25	1.73	96	4.0	05	44.3
29	85*	37	-08	25	.74	48	3.0	29	44.0
30	91	50	06	25	1.27	96	3.0	29	43.1
31	82	33	11	17	.45	29	2.0	29	42.3

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE

NOVEMBER DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
01	77	33	06	11	.80*	57	6.0	28	41.4
02	79	65	03	11	.38	56	1.0	36	41.3
03	74*	09	09	36	.45	06	2.0	61	40.8
04	75*	45	09	51	.57	47	2.0	59	40.1
05	76	09	06	51	.41	59	3.0	59	40.3
06	78	09	-01	59	.58	47	3.0	47	39.1
07	72	31	08	38	.87	44	3.0	43	37.2
08	78	31	00	36	.50	50	0.0		37.3
09	74	37	04	45	.31	46	2.0	46	36.6
10	80	12	05	11	.58	40	5.0	40	35.4
11	70	37	-06	16	.19	19	3.3	19	35.3
12	71	54	-08	19	.77	45	6.0	59	34.6
13	74	58	-13	40	.75	22	7.0	22	33.8
14	75	53	-22	59	.46	28	4.5	27	34.5
15	81	53	00	40	.38	47	4.0	56	34.7
16	75	41	-07	59	.55	06	6.0	09	33.9
17	73	53	-06	59	.84	52	3.5	58	34.4
18	77	04	-01	27	.61	48	6.0	48	33.7
19	72	97	-05	14	.54	48	6.0	48	34.4
20	76	62	-08*	37	1.22	30	7.7	53	31.8
21	75	60	-09	37	.49	47	1.0	40	30.4
22	63	12	-07*	29	.75	63	6.0	09	31.2
23	74	99	-13	98	1.20	08	2.0	09	32.3
24	70	23	00*	50	.78	08	6.0	03	32.3
25	72	60	-01	46	.63	44	2.0	51	29.7
26	66	14	-12	98	.20	65	3.2	65	28.2
27	62	41	-07	97	.70	96	3.0	19	28.9
28	71	41	-10	96	1.12	60	11.2	60	27.4
29	63	32	-16	96	.38	08	1.5	98	28.2
30	64	32	-15*	64	.25	54	5.0	54	28.2

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE

DECEMBER DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
01	62	62	-14	97	.44	45	3.0	45	27.8
02	61	61	-15	19	.55	09	4.5	97	27.6
03	68	41	-09	19	.58	53	10.0	53	26.9
04	62	41	-15	97	.50	09	5.0	47	25.4
05	65	39	-07	50	.92	60	6.0	36	24.7
06	67	39	-16	50	.45	51	6.0	54	24.3
07	58	65	-12	08	.31	27	3.0	27	22.8
08	62	39	-23	27	.28	24	6.0	63	22.0
09	64	57	-23	55	.40*	48	4.0	48	21.8
10	56*	57	-21	17	.10	03	2.0	03	22.5
11	64	39	-18	17	.86	49	10.0	03	21.1
12	59*	39	-25	32	.20	02	5.5	02	19.1
13	63	21	-27	17	.56	37	5.0	37	19.5
14	55	39	-25	17	.47	22	8.0	22	20.4
15	61	39	-22	17	.52	02	10.0	02	20.4
16	65	39	-24	01	.53	15	6.0	15	18.8
17	58	62	-24	22	.80	08	11.0	08	19.2
18	65	23	-24	22	.11	57	2.0	36	20.3
19	56*	23	-24	01	.65	02	1.0	20	21.0
20	58	00	-25	16	.40	02	5.0	11	21.6
21	59	00	-27	63	.74	18	7.5	20	23.3
22	57*	41	-20	63	.34	10	4.0	45	22.3
23	57	36	-14	21	.22	16	3.0	16	21.4
24	51	36	-22	20	.24	25	3.0	25	21.0
25	58*	43	-15*	24	.45	64	5.7	64	21.1
26	55	56	-25	02	.15	60	3.4	60	19.6
27	63	28	-19	24	.23	46	3.0	41	19.9
28	58	98	-21	24	.37	59	5.0	59	19.7
29	55	00	-34	17	.09	27	1.0	46	19.8
30	62	04	-33	17	1.22	31	5.0	31	18.6
31	57	04	-18	98	.44	31	5.0	31	18.2

* 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.

1896-1965

MEAN MINIMUM TEMPERATURE (°F.)

YR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	ANNL
96	7.6	12.9	13.3	36.1	46.8	52.6	55.9	53.3	39.9	30.3	8.4	16.8	31.3
97	0.0	3.4	13.1	34.2	42.2	51.0	60.2	51.7	53.5	38.1	19.1	6.7	31.3
98	13.1	14.4	20.0	30.2	41.7	54.2	56.7	53.9	46.7	31.7	15.5	8.0	32.1
99	5.1	-4.1	7.4	28.9	44.1	54.2	57.8	58.7	42.2	35.9	29.9	8.7	30.7
00	12.5	2.2	18.5	39.6	46.7	53.7	58.6	62.1	50.2	42.0	20.5	16.3	35.2
01	11.3	5.0	22.7	36.0	43.9	56.7	65.0	58.2	47.5	38.4	21.9	11.1	34.8
02	11.4	7.3	25.9	32.7	48.4	51.6	55.5	55.4	42.9	35.2	25.2	4.9	33.5
03	6.0	1.7	22.3	34.1	46.9	53.2	58.9	56.6	46.8	37.1	19.9	5.2	32.4
04	2.5	-2.6	22.5	29.1	45.2	54.3	56.6	53.9	46.7	40.0	25.9	16.5	32.6
05	0.3	0.7	29.1	33.6	42.6	53.4	58.9	59.6	51.0	32.9	26.8	13.9	33.6
06	7.0	9.1	13.7	37.7	48.1	54.1	56.9	59.8	50.8	35.8	25.2	14.3	34.4
07	-1.3	11.7	25.7	26.0	38.0	53.1	58.4	54.6	44.7	31.7	23.0	15.7	31.8
08	11.4	11.2	23.3	34.0	44.2	52.7	59.4	54.0	52.4	36.0	25.0	13.0	34.7
09	6.9	9.6	21.4	27.7	43.4	55.4	59.9	62.1	47.3	35.7	22.9	2.6	32.9
10	2.7	1.5	33.1	35.8	41.2	53.3	59.1	53.6	45.9	38.4	21.1	9.4	32.9
11	4.6	9.1	25.5	34.0	47.8	58.0	56.4	54.8	48.9	35.4	15.3	13.3	33.5
12	-4.5	10.8	15.3	35.5	47.1	52.3	58.1	54.6	45.9	36.0	25.1	15.5	32.6
13	5.2	2.2	16.0	36.5	46.5	57.8	58.5	60.7	48.9	33.6	28.7	16.0	34.2
14	12.7	2.0	21.7	34.3	48.2	57.9	62.4	56.9	49.1	39.9	27.6	3.8	34.7
15	3.8	13.8	12.9	41.6	42.7	51.5	55.5	52.2	47.0	37.5	26.0	11.4	33.0
16	-6.0	5.0	21.0	31.7	43.8	51.0	66.8	57.8	45.9	32.6	18.3	0.9	30.7
17	0.8	-4.5	18.0	31.2	41.1	51.5	60.3	54.0	48.1	27.2	29.2	-1.0	29.7
18	-3.0	5.0	27.3	29.2	44.9	55.6	57.7	58.6	39.8	39.0	25.7	19.5	33.3
19	17.1	8.7	21.6	35.8	45.3	59.8	62.7	56.6	51.2	32.8	15.7	8.4	34.6
20	8.3	14.1	21.3	29.5	47.3	57.9	61.0	55.6	51.5	42.1	24.0	14.1	35.6
21	16.6	18.1	26.2	36.4	48.3	61.4	64.6	59.9	51.6	38.7	19.0	13.5	37.9
22	6.2	0.0	23.7	37.2	49.7	56.9	59.2	60.5	53.1	38.8	30.3	7.8	35.5
23	14.6	5.5	17.4	33.3	45.1	59.4	64.5	58.0	52.1	36.6	27.9	19.7	36.2
24	0.1	13.7	21.4	34.7	39.3	52.8	57.5	58.4	47.4	43.5	25.3	4.2	33.2
25	3.6	17.5	26.1	41.9	43.0	56.7	59.4	60.5	55.1	28.2	22.9	12.7	35.6
26	9.8	21.6	21.2	32.7	52.5	54.2	62.1	59.9	49.7	39.6	21.0	11.5	36.3
27	11.7	17.3	26.4	37.3	45.7	54.4	58.4	56.6	52.7	39.7	21.4	-2.1	35.0
28	12.0	17.3	25.6	28.6	47.0	52.0	62.2	60.0	46.3	38.7	26.1	18.3	36.2
29	-4.5	-0.4	28.6	37.1	43.6	55.1	63.0	59.7	48.5	39.7	20.8	14.2	33.8
30	-1.8	24.2	22.8	39.3	45.5	54.8	63.7	63.3	50.3	38.0	26.1	19.3	37.1
31	16.4	22.7	22.1	35.4	42.2	64.4	63.5	61.1	56.0	43.3	25.9	18.3	39.3
32	4.6	11.9	17.3	39.3	49.1	59.9	63.2	62.1	48.3	35.6	23.6	7.9	35.2
33	17.1	4.3	25.2	35.6	46.6	64.4	63.2	58.3	55.5	35.5	25.1	12.2	36.9
34	14.7	14.2	20.9	36.9	56.1	60.7	65.3	59.5	47.0	43.3	30.4	14.2	38.6
35	7.2	22.0	28.5	35.3	45.2	54.6	68.0	61.2	50.1	35.7	21.2	13.6	36.9
36	-6.4	-12.1	24.6	31.6	51.9	57.7	69.5	64.8	54.9	34.0	23.5	16.6	36.2
37	-7.0	6.6	22.7	34.9	48.6	55.7	63.5	66.4	52.0	36.6	22.5	10.3	34.4
38	8.5	9.3	29.0	38.4	47.4	57.1	63.2	63.7	53.8	43.9	20.6	14.5	37.5
39	17.0	2.5	23.0	34.8	52.7	56.7	64.9	59.0	52.5	37.9	26.3	20.9	37.4
40	-2.9	14.1	23.2	35.3	45.0	56.5	65.0	59.5	55.0	44.4	21.1	18.8	36.3
41	11.5	11.6	24.0	41.7	53.3	58.5	63.9	63.0	53.3	40.6	27.4	21.5	39.2
42	14.6	13.7	28.1	40.5	46.1	59.1	61.9	60.5	47.4	38.2	24.3	11.5	37.2
43	1.8	16.2	15.8	37.1	44.0	57.5	62.6	61.5	48.3	38.6	26.6	14.4	35.4
44	16.7	9.0	18.3	35.4	52.5	57.0	61.3	59.6	50.4	38.0	27.5	13.4	36.6
45	12.2	15.0	27.0	32.9	40.2	51.1	59.5	58.5	47.4	35.7	21.1	4.4	33.8
46	8.5	10.6	29.9	40.8	42.7	55.7	61.7	56.6	48.6	36.1	22.1	15.3	35.7
47	15.0	6.0	20.1	33.8	41.1	53.7	58.5	64.1	48.9	43.9	23.1	12.9	35.1
48	6.1	9.1	21.3	42.3	48.1	56.4	63.0	61.0	54.5	37.0	24.6	11.4	36.2
49	2.2	3.6	23.3	35.9	50.1	57.4	62.3	60.8	45.8	40.1	31.4	10.9	35.3
50	-3.7	9.3	15.6	30.7	44.5	55.3	57.3	55.3	49.2	40.0	20.9	10.4	32.1
51	5.5	13.8	12.8	32.9	47.6	52.1	59.6	57.5	43.5	37.2	19.8	4.2	32.2
52	4.0	19.3	19.3	37.3	46.5	60.0	61.8	59.6	51.8	32.7	23.5	16.0	36.0
53	12.4	15.8	24.5	32.0	46.2	60.4	62.0	62.7	49.9	42.3	27.2	13.0	37.4
54	1.6	28.3	20.4	35.6	41.7	57.6	63.4	60.7	52.2	37.8	27.9	14.3	36.8
55	10.6	4.3	19.0	41.3	50.2	55.9	66.9	65.4	51.8	38.9	14.9	3.8	35.3
56	3.9	4.8	18.3	29.6	48.0	61.2	59.7	59.1	47.1	40.9	25.4	17.6	34.6
57	0.1	12.7	22.0	34.2	46.7	54.1	65.7	61.2	46.7	40.1	25.8	20.4	35.8
58	13.8	6.6	20.5	35.2	47.3	53.7	58.7	60.0	52.1	39.1	24.1	7.2	34.9
59	2.5	4.5	26.5	33.7	47.3	59.2	59.6	63.5	49.9	33.7	18.0	23.2	35.1
60	7.7	8.1	9.4	36.6	45.7	55.2	61.4	60.0	51.4	39.1	25.5	11.9	34.3
61	4.8	15.5	27.6	31.4	45.1	56.7	58.7	61.1	48.2	37.9	23.5	7.0	34.8
62	4.9	9.5	16.1	35.8	52.9	58.4	60.9	59.7	47.4	41.1	29.2	13.7	35.8
63	-2.4	12.6	27.9	37.4	47.2	60.1	64.4	59.1	52.3	43.4	22.7	1.5	35.5
64	10.2	13.1	14.8	37.7	49.6	58.1	64.5	55.5	49.2	36.7	21.1	4.2	34.6
65	0.8	6.7	12.6	35.7	48.4	56.9	61.1	57.9	43.4	40.4	22.7	20.0	33.9

MEAN MAXIMUM TEMPERATURE (°F.)

YR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	ANNL
96	33.4	39.4	38.2	61.1	75.2	81.1	86.2	85.8	72.4	61.0	25.1	33.4	57.7
97	20.0	24.4	33.7	57.7	72.7	78.0	86.4	79.8	84.2	67.3	43.0	27.0	56.2
98	34.7	36.7	46.1	61.4	67.7	80.8	84.1	86.7	79.9	56.7	41.7	31.8	59.0
99	31.9	20.2	28.6	59.3	68.4	79.7	85.4	85.5	76.1	64.7	55.0	27.4	56.9
00	35.2	28.7	48.1	67.7	78.1	85.1	86.2	89.6	75.0	72.4	43.1	39.0	62.4
01	36.9	32.9	49.0	63.8	76.3	82.2	93.9	88.5	72.5	68.5	47.5	27.1	61.6
02	31.2	26.7	44.8	58.1	74.2	76.2	84.7	80.3	71.4	68.2	44.9	21.2	56.8
03	25.6	20.2	41.5	61.1	71.9	78.1	84.1	81.8	74.1	67.7	41.5	26.7	56.2
04	20.0	19.5	44.8	56.3	71.9	77.4	82.6	83.6	77.1	66.3	55.8	34.0	57.4
05	18.2	24.7	50.8	60.0	66.0	77.4	82.4	88.0	79.0	59.1	50.8	39.1	58.0
06	34.5	34.6	31.5	64.4	72.3	79.5	85.3	85.1	77.5	62.8	43.0	31.5	58.5
07	17.1	30.5	51.1	49.8	61.4	76.6	83.4	85.7	72.9	64.6	49.0	38.8	56.7
08	34.4	30.4	44.7	62.8	68.3	75.7	83.9	81.4	85.1	59.6	47.5	31.2	58.8
09	22.9	29.3	39.5	53.2	70.4	79.0	83.2	88.4	74.7	58.9	44.3	16.5	55.0
10	21.2	20.3	62.5	66.0	66.9	82.1	86.5	81.3	74.3	70.6	40.7	29.8	58.5
11	27.5	27.3	52.2	58.4	76.3	87.1	85.1	79.2	75.6	55.3	36.6	30.2	57.6
12	13.4	27.2	35.9	63.0	72.4	78.6	82.6	80.5	68.3	65.0	53.8	38.8	56.6
13	29.2	25.6	37.3	61.9	66.4	84.1	85.0	68.2	76.5	60.0	51.8	38.6	58.7
14	34.0	22.0	42.7	58.9	71.3	81.6	89.7	81.4	74.5	64.1	51.2	25.3	58.1
15	23.3	30.1	28.6	68.4	62.9	72.8	76.8	76.8	70.5	63.3	49.3	32.2	54.6
16	14.4	25.2	44.9	55.3	67.7	74.0	91.2	83.1	73.8	58.3	44.0	24.2	54.7
17	22.2	19.1	36.9	52.3	67.0	75.8	87.7	81.6	71.6	50.1	52.2	20.0	53.0
18	13.4	31.0	55.6	54.6	74.3	81.4	83.2	84.4	70.6	63.2	44.8	39.7	58.0
19	38.4	25.7	42.3	56.2	70.7	78.8	89.6	84.9	76.5	53.5	32.6	24.4	56.1
20	27.2	33.4	45.4	51.0	71.3	81.0	86.0	86.3	79.4	70.5	42.3	32.9	58.9
21	35.5	42.5	52.8	64.7	72.1	89.0	90.4	84.1	77.0	67.4	39.2	34.9	62.5
22	26.9	22.2	44.6	61.5	74.3	85.1	84.0	89.8	85.2	69.6	47.2	29.9	60.0
23	34.9	31.5	43.9	61.6	71.7	80.0	88.7	83.0	77.8	60.7	54.8	42.9	61.0
24	23.4	35.4	38.9	63.6	66.4	76.5	84.5	85.1	73.4	71.1	49.6	23.0	57.6
25	24.5	34.2	53.4	70.7	73.3	81.6	88.8	91.3	83.2	50.8	47.6	32.1	61.0
26	30.4	39.6	45.9	65.6	80.2	81.8	90.3	87.6	71.7	64.8	39.4	30.0	60.6
27	33.0	39.3	47.4	57.4	66.2	79.6	85.6	81.8	78.9	70.9	39.4	17.3	58.1
28	31.8	36.4	50.6	56.0	77.7	77.1	85.7	86.7	75.9	64.0	44.2	39.9	60.5
29	16.2	21.5	48.6	61.1	70.4	79.3	88.3	87.9	69.1	62.9	40.4	30.5	56.4
30	17.9	46.0	46.7	64.7	69.0	81.4	96.5	85.1	77.3	60.2	50.5	37.8	61.3
31	43.5	47.6	45.7	65.6	72.3	91.0	94.5	89.4	84.2	65.5	48.4	33.2	65.1
32	23.7	31.3	35.3	61.3	75.1	82.9	91.7	88.5	79.3	60.6	46.9	29.6	58.9
33	41.8	30.3	46.2	61.6	70.5	96.3	91.3	84.1	83.8	66.9	50.7	33.8	63.1
34	37.0	39.6	48.9	66.0	86.7	87.0	93.7	88.0	72.4	68.7	48.8	32.0	64.2
35	28.0	41.5	50.0	53.9	63.5	78.1	96.1	88.9	80.8	63.4	41.3	30.2	59.6
36	12.1	05.6	46.0	57.1	77.7	85.9	103.3	93.4	82.5	64.7	43.5	33.1	58.7
37	12.9	27.9	43.3	55.5	75.1	79.5	93.2	94.0	79.8	64.0	45.0	31.7	58.5
38	27.7	29.2	51.9	62.9	68.1	83.2	91.4	94.9	81.1	74.9	45.0	37.9	62.4
39	36.4	23.6	50.2	62.4	82.5	82.6	92.5	88.5	84.4	64.9	54.1	44.0	63.8
40	16.9	30.4	36.9	59.2	74.6	83.1	93.2	84.3	83.2	72.8	38.7	34.4	59.0
41	28.4	29.8	42.0	61.6	76.0	81.6	91.6	89.4	76.8	62.9	50.7	40.2	61.1
42	35.6	32.0	43.6	68.2	67.4	78.3	87.1	86.0	70.6	65.0	49.2	30.7	59.5
43	23.6	40.6	42.8	66.1	70.0	80.9	92.8	89.2	76.6	66.7	43.4	40.4	61.1
44	40.3	32.1	35.0	53.4	76.7	79.8	86.1	83.0	76.6	58.7	43.9	34.0	59.1
45	32.4	36.7	54.4	58.1	67.1	72.2	86.1	85.5	75.6	69.3	45.2	23.2	58.8
46	34.4	38.0	54.2	70.0	69.3	83.3	87.0	82.7	72.4	59.1	41.9	35.9	60.6
47	37.0	29.0	40.7	55.1	69.3	76.2	87.5	93.0	79.7	69.6	36.5	30.4	58.7
48	26.3	30.4	42.5	67.8	71.2	77.1	85.8	85.1	80.7	65.6	44.2	29.7	58.9
49	21.2	26.1	42.5	63.8	76.0	82.4	91.0	86.1	71.8	63.7	56.7	34.3	59.6
50	17.5	30.3	35.8	52.1	68.0	83.7	82.5	83.6	76.5	67.2	43.7	31.4	56.0
51	27.7	39.6	32.4	51.3	70.2	71.7	81.0	82.3	68.9	60.3	41.2	24.3	54.2
52	23.8	35.7	33.9	62.7	72.9	86.3	91.0	85.3	81.5	64.1	47.5	34.4	59.9
53	33.1	33.2	47.0	53.9	70.2	82.9	86.6	86.8	81.0	72.6	51.2	32.8	60.9
54	23.2	49.5	40.2	66.5	68.2	80.5	91.1	84.3	75.6	58.5	55.3	33.2	60.5
55	32.2	25.9	44.2	72.4	79.6	79.1	94.2	93.9	80.5	67.7	38.5	21.5	60.8
56	21.1	25.7	41.8	56.9	74.0	91.7	87.0	84.0	79.8	73.9	45.1	39.5	60.0
57	22.8	35.9	42.4	58.2	66.9	78.4	91.5	86.3	74.5	59.1	43.9	42.9	58.6
58	38.0	30.5	37.7	60.2	78.1	78.5	83.6	89.8	80.5	68.9	50.6	32.8	60.8
59	23.8	27.2	50.8	64.0	72.8	87.7	90.2	92.5	76.1	57.4	36.8	39.0	59.9
60	24.8	23.9	29.8	59.7	74.1	80.5	90.5	88.9	78.6	68.3	50.9	31.6	58.5
61	28.6	37.5	48.8	58.3	70.5	85.4	89.5	91.2	75.1	68.1	47.2	28.8	60.8
62	28.8	29.7	32.2	63.1	76.1	79.7	84.1	86.0	76.6	67.5	52.3	35.8	59.3
63	20.9	35.8	53.1	64.0	73.3	86.1	89.8	86.7	78.7	73.7	52.0	24.8	61.6
64	35.5	39.7	39.5	63.5	79.7	85.1	93.0	83.3	75.7	66.6	46.1	26.0	61.1
65	24.6	32.8	34.1	61.9	76.3	80.4	86.4	87.0	65.1	67.7	48.4	39.6	58.7

MONTHLY AND SEASONAL SNOWFALL (IN.)

SEASON	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	TOTAL
-96					0.9	1.4	3.7	0	0	06.0
96-97	0	0	6.0	0	13.5	0	3.0	0	0	22.5
97-98	0	0	1.5	7.3	5.5	2.8	1.0	0	0	18.1
98-99	0	5.0	2.5	0.5	0.2	1.7	11.5	3.5	0	24.9
99-00				1.0	0	1.2	10.2	0	0	12.4
1	0	0	0.6	0	1.0	2.0	2.0	0	0	05.6
01-02	0	0	0	3.0	0.5	0	2.5	0	0	06.0
02-03	0	0	0	20.0	4.0	7.0	0	2.0	0	33.0
03-04	0	0	10.0	20.0	0.5	10.0	0	7.5	0	48.0
04-05	0	0	0	5.0	7.5	2.0	3.5	2.0	2.5	22.5
05-06	0	6.5	1.5	0	3.0	6.0	28.2	0	0	44.7
06-07	0	3.0	2.0	4.0	27.0	11.0	3.6	14.2	0	65.0
07-08	0	0	0	1.5	2.5	16.0	14.5	9.0	0	45.5
08-09	0	2.0	2.0	11.5	7.0	19.0	1.2	1.5	0	44.2
09-10	0	0	20.0	3.3	31.0	3.0	0	6.0	0	63.3
10-11	0	0	1.0	7.4	6.0	15.0	0	1.0	0	30.4
11-12	0	0	1.5	9.5	0	0	9.5	0	0	20.5
12-13	0	0	0	3.0	1.0	11.0	13.5	15.0	0	43.5
13-14	0	0.5	4.0	0	7.0	8.0	7.0	0	0	26.5
14-15	0	0	0	6.0	0	41.8	10.7	0	0	58.5
15-16	0	0	0	9.0	21.0	1.0	5.2	2.0	0	38.2
16-17	0	0.3	1.5	4.0	29.0	14.0	21.0	2.0	0	71.8
17-18	0	0	1.0	5.0	10.5	12.0	13.0	2.0	0	43.5
18-19	0	0	0			16.0	2.0	7.0	0	25.0
19-20	0	1.0	11.3	1.4	1.6	9.9	4.1	0.2	0	29.5
20-21	0	1.0	5.0	12.7	4.5	0.3	3.0	0	0	26.5
21-22	0	0	5.0	2.6	10.7	14.5	2.2	0	0	35.0
22-23	0	0	12.0	9.3	3.1	0.2	4.5	3.3	0	32.4
23-24	0	2.0	0	2.5	2.0	16.0	10.4	0	0.2	33.1
24-25	0	0	2.5	12.9	8.5	1.2	0	0	0	25.1
25-26	0	2.9	1.5	3.0	10.7	0	1.0	0.7	0	20.7
26-27	0	0	1.9	2.5	0.6	2.9	10.0	5.0	0	22.9
27-28	0	0	8.1	11.5	0.2	2.0	6.9	4.8	0	33.5
28-29	0	0	6.0	0.6	10.0	11.7	9.1	8.0	0	45.4
29-30	0	8.0	1.9	0.7	9.4	2.3	0.8	0.5	0	23.6
30-31	0	0	0.8	0.5	0.7	0.1	3.6	0.2	0	05.9
31-32	0	0	4.0	12.3	8.3	5.7	16.8	1.2	0	48.3
32-33	0	3.2	0.5	3.0	0.6	5.4	13.8	0	0	26.5
33-34	0	0.3	2.1	4.7	0.8	1.1	14.3	0	0	23.3
34-35	0	0	0	0.7	2.5	3.4	1.8	9.7	0	18.1
35-36	0	0.3	3.0	1.3	12.7	20.0	14.2	1.3	0	52.8
36-37	0	3.0	3.8	6.5	16.8	1.7	8.6	9.0	0	51.4
37-38	0	2.0	3.5	10.7	4.5	15.7	2.7	8.1	0	46.7
38-39	0	0	0	0.5	2.5	6.5	3.2	0	0	12.7
39-40	0			2.7	1.5	10.2	13.2	0	0	27.6
40-41	0	0	6.0	7.0	7.0	2.5	1.0	0	0	23.5
41-42	0	0	0	5.5	0	13.0	16.0	0	0	34.5
42-43	0	0	2.0	7.0	5.0	1.0	6.0	0	0.5	21.5
43-44	0	0	3.0	0	5.5	9.0	9.0	1.0	0	27.5
44-45	0	0	2.0	1.0	2.0	6.0	5.0	7.0	0	23.0
45-46	0	0	0	8.0	1.0	9.0	16.0	0	0	34.0
46-47	0	0	4.0	3.0	7.0	2.0	1.0	3.0	0	20.0
47-48	0	0	7.0	5.0	3.0	11.0	3.0	0	0	29.0
48-49	0	0	12.0	4.2	9.0	0	12.0	0	0	37.2
49-50	0	0		1.9	2.9	12.5	14.6	8.0	0	39.9
50-51	0	0	0	2.2	6.5	6.0	23.9	0	0	38.6
51-52	0	2.8	2.0	20.4	4.5	5.0	6.4	0	0	41.1
52-53	0	0	0.7	1.1	1.5	20.1	1.5	0	0	24.9
53-54	0	0	9.7	13.7	1.0	5.0	7.0	0.5	0	36.9
54-55	0	0	5.0	6.0	2.0	19.0	1.1	0	0	33.1
55-56	0	0	3.5	14.5	7.6	10.0	27.0	5.0	0	69.6
56-57	0	0	5.0	5.0	3.0	7.0	17.0	7.0	0	44.0
57-58	0	0	0	0.3	0.4	14.2	8.2	0.4	0	23.5
58-59	0	0	7.5	4.0	4.0	9.5	0.6	0	0	25.6
59-60	0		13.9	5.5	9.0	5.2	12.0	0	0	45.6
60-61	0	0	11.7	4.8	3.5	5.3	12.0	0	0	37.3
61-62	0	0	2.0	5.2	1.2	33.0	16.5	8.8	0	66.7
62-63	0	1.5	0	1.8	7.5	3.4	11.0	0	0	25.2
63-64	0	0	1.0	10.0	5.0	1.0	12.4	0	0	29.4
64-65	0	0	1.0	8.7	1.8	6.4	10.5	0	0	28.4

TOTAL PRECIPITATION (IN.)

YR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	ANNL
96	.08	.14	1.54	5.70	1.80	2.73	2.37	.96	2.63	3.34	1.22	.00	22.21
97	2.10	.47	1.65	4.79	1.36	2.26	4.65	3.74	.91	1.93	.11	.53	24.70
98	.20	.23	.34	1.30	4.82	2.58	4.02	1.21	.61	1.34	.26	.06	16.97
99	.35	.17	1.29	2.13	3.47	4.94	2.93	2.31	.03	1.83	.41	.11	19.97
00	.00	.15	2.05	4.24	1.86	2.70	3.94	3.51	1.46	3.42	.07	.00	23.40
01	.11	.20	.86	1.34	1.92	6.58	2.25	1.95	6.72	2.35	.25	.30	24.83
02	.05	.23	1.37	1.55	1.62	3.50	1.50	4.35	.90	1.57	.55	2.13	19.32
03	.40	.79	.99	1.10	4.39	2.38	5.77	1.39	3.61	1.97	.27	.95	24.12
04	.04	.56	.33	2.47	2.45	5.38	3.56	1.89	.63	2.33	.00	.50	20.14
05	.81	.20	1.37	.92	5.01	7.57	3.57	1.53	2.87	2.47	1.56	.00	27.88
06	.30	.33	3.45	2.84	3.15	5.70	1.29	4.96	4.69	2.55	1.58	1.00	31.84
07	1.05	.44	.36	1.68	2.21	4.25	7.49	.22	2.59	.23	.00	.20	20.74
08	.20	1.49	.97	3.24	9.53	7.31	2.61	2.56	2.23	2.45	2.48	.85	36.14
09	.70	1.50	.16	1.37	6.17	3.49	2.28	4.80	1.87	2.16	1.52	1.60	27.62
10	2.04	.07	.32	1.27	1.38	1.98	2.04	2.98	1.57	.57	.11	.40	14.73
11	.84	.79	.68	2.14	2.05	4.65	2.69	3.56	3.19	4.82	.06	.55	25.93
12	.00	.09	.50	3.96	1.56	1.53	4.94	5.49	1.70	.22	.00	.18	20.17
13	.06	.64	1.50	3.70	4.45	2.57	3.12	2.16	.52	.52	.96	.00	20.20
14	.43	.82	.61	2.44	4.49	6.36	3.59	3.10	3.89	3.37	.00	.60	29.70
15	.45	2.83	1.14	2.65	4.65	6.63	8.84	1.13	2.22	1.71	.07	.63	32.95
16	1.55	.10	1.09	2.18	5.40	3.39	.96	2.84	1.79	.43	.25	.32	20.30
17	1.56	1.18	2.22	3.28	4.70	2.00	1.64	1.35	3.27	.18	.89	.19	22.46
18	.60	1.26	2.16	2.82	5.11	5.27	6.69	2.75	.72	1.32	1.14	1.15	31.01
19	.00	1.51	.89	4.59	1.89	6.12	2.77	1.58	1.97	1.85	1.69	.14	25.00
20	.07	.61	2.22	2.55	6.42	8.56	4.15	3.20	2.45	.72	.95	.96	32.86
21	.42	.02	1.48	2.70	3.56	.49	2.35	3.96	2.03	.40	.35	.22	17.98
22	.67	1.61	.27	1.24	2.59	3.05	6.27	1.35	.29	1.17	1.65	.58	20.94
23	.20	.06	.52	2.51	1.77	7.29	3.05	6.25	1.98	.40	.29	.20	24.52
24	.12	1.56	1.66	1.40	1.29	4.60	1.89	2.37	2.45	1.19	.22	.96	19.67
25	.67	.12	.03	1.54	.87	3.27	1.84	1.39	.49	.58	.47	.33	11.60
26	1.44	.01	.20	.23	3.10	3.36	1.65	2.64	3.68	1.46	.44	.27	18.68
27	.05	.34	1.94	7.34	5.54	1.22	2.80	1.80	1.90	.73	.94	1.29	25.89
28	.02	1.34	1.30	1.00	.84	5.96	2.72	3.11	1.26	1.87	1.35	.10	20.89
29	.62	.89	1.26	3.07	2.03	2.59	6.66	1.33	5.28	2.56	.48	.10	26.87
30	.70	.27	.22	1.71	4.07	2.55	.28	3.61	2.33	1.65	1.92	.05	19.36
31	.06	.21	.96	.38	1.24	3.55	1.10	1.67	3.22	1.41	.88	1.97	16.85
32	.63	.47	1.48	1.70	2.80	3.99	1.59	2.38	1.42	.76	.06	.25	17.49
33	.06	.50	2.45	.67	2.49	1.80	6.61	3.71	.73	.04	.22	.53	19.77
34	.08	.11	1.62	.05	1.15	3.69	3.38	1.30	4.48	.78	.77	.12	17.53
35	.25	.63	1.15	5.10	2.74	2.85	1.50	2.93	.90	.39	.42	.48	19.14
36	1.12	1.20	1.09	1.69	3.12	1.74	.90	2.13	2.66	.41	1.12	.82	18.00
37	1.56	.15	2.38	3.31	1.26	2.87	1.32	2.21	2.36	.74	.23	1.02	19.41
38	.38	1.10	2.64	3.44	5.27	3.20	.80	.53	2.90	.20	.00	.15	20.61
39	.63	.61	.42	1.30	2.56	4.65	2.93	1.05	2.56	1.34	.00	.19	18.28
40	.13	.82	2.09	2.43	.11	4.53	1.04	2.99	.69	.76	.81	.38	16.78
41	.50	.16	.54	5.14	1.11	3.27	3.69	1.82	1.69	3.43	.14	.22	21.71
42	.00	.92	3.36	1.32	10.58	2.99	2.36	2.12	2.02	.81	.31	.18	26.99
43	.34	.18	.43	1.09	2.18	4.60	1.16	1.62	.93	4.73	.17	.00	17.43
44	1.59	1.16	.80	3.35	3.25	6.96	4.44	8.49	1.04	.53	1.91	.05	33.57
45	.32	.95	.82	1.10	2.17	5.04	2.42	2.43	2.98	.59	.77	.73	20.32
46	.05	.71	3.05	1.47	2.07	4.76	1.89	3.34	4.89	3.53	1.12	.33	27.21
47	.27	.04	.37	2.98	1.56	6.27	.24	.85	2.31	1.81	2.71	.41	19.82
48	.13	.48	.15	3.15	2.76	6.80	4.25	1.41	1.11	1.59	1.54	.42	23.81
49	1.25	.00	3.12	.61	2.90	1.55	.89	2.97	3.21	1.77	.47	.90	19.64
50	.24	1.35	1.47	1.58	3.07	.89	1.69	2.82	4.65	1.75	.66	.15	20.32
51	.12	.49	1.33	1.25	4.56	4.60	4.04	1.75	1.55	1.63	.34	1.25	22.91
52	1.69	.46	.66	.82	1.16	3.05	1.10	4.58	.39	.00	.95	.11	14.97
53	.15	.98	1.02	4.23	3.23	6.60	1.99	6.07	.34	.34	1.34	1.05	27.34
54	.02	.46	1.60	2.21	2.42	5.35	2.89	5.57	3.74	1.50	.28	.10	26.14
55	.14	.74	.29	5.66	2.49	2.64	2.62	.92	1.24	.35	.14	.80	18.03
56	.20	.23	2.24	1.60	1.20	1.07	3.31	3.88	.49	1.31	1.24	.17	16.94
57	.06	.42	.95	2.35	6.26	3.05	1.63	4.59	1.67	1.84	1.69	.14	24.65
58	.04	1.75	.82	3.57	2.18	1.84	2.97	3.36	.91	.15	.77	.09	18.45
59	.08	.30	.53	.65	3.56	2.35	1.64	2.18	4.12	3.79	.92	.68	20.80
60	.90	.75	1.85	2.89	5.72	3.86	1.84	2.76	2.39	.85	1.26	1.21	26.28
61	.55	.45	1.19	1.60	5.65	4.69	2.15	2.06	1.98	3.57	.11	.29	24.29
62	.12	2.92	1.41	2.24	7.19	5.95	5.27	3.76	2.57	1.04	.02	.13	32.62
63	.24	.23	2.08	2.02	1.95	2.10	4.87	.88	3.13	1.59	.83	.25	20.17
64	.25	.11	2.05	2.72	.27	2.49	3.01	2.90	2.87	.00	.05	.72	17.39
65	.13	.31	.69	2.60	3.51	4.95	3.53	1.03	4.23	.35	.44	.82	22.59