M82.2/73
U587cl
South Dakota - Vermillion
n.a.

CLIMATOLOGICAL SUMMARY

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

NO. 8

VERMILLION South Dakota

LATITUDE 42° 48′ N LONGITUDE 96° 56′ W ELEVATION 1,220 FT.

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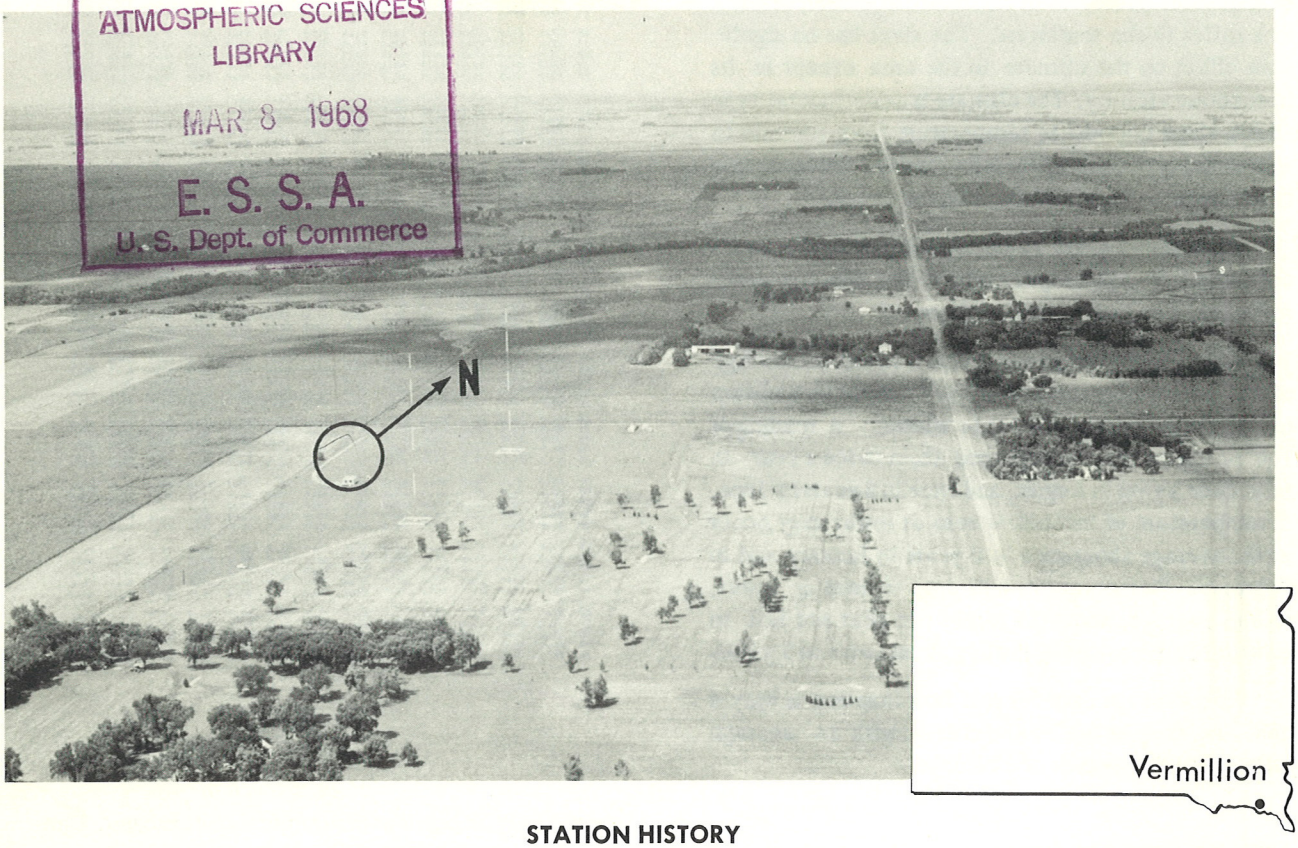

STATION HISTORY

The first official weather observations in Vermillion were made in December 1883, but records prior to 1901 are not complete. This summary uses records from 1901-1965. Instruments at station consist of maximum and minimum thermometers, standard rain gage, and since May 1944 a recording rain gage.

Records from December 1883 through February 1891 are published in Finley's "Climate of Dakotas."

DETAILED STATION HISTORY

Date	Location	Elevation (Ft.)	Observer
Dec. 1883 - Feb. 1891	Unknown	Unknown	Unknown
June 1896 - April 1956	5 blocks E, 5 blocks N of P.O.	1222	Univ. of S.D. Personnel
April 1956 - Date	2 miles N of P.O.	1220	Radio Station KUSD Personnel

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.

2.5M—10-67—6604

STATION SUMMARY

Vermillion, the county seat, is located in southeastern Clay County in extreme southeastern South Dakota. The topography in the area is flat to rolling. There are no nearby large bodies of water that significantly affect the climate. The Missouri River flows in a general northwest to southeast direction about 1 to 2 miles to the southwest. The river has no significan effect on the climate in the area except in its immediate vicinity. The climate is a continental type with a large contrast in temperature from summer to winter and occasionally from day to day. Precipitation is adequate to marginal for adapted crops.

Agriculture plays an important part in the area's economy. The principal crops in the area are corn, soybeans, hay, oats, and sorghum.

TEMPERATURE: Temperatures have an annual average of 48° but usually rise above 100° in summer and drop to 20° below zero or lower in winter. A reading of 100° or higher may be expected about twice a year in July, once a year in August, and once in 2 years in June. A temperature of 20° below zero or lower may occur on the average about once in 2 years in January and in February. Temperatures will drop to zero or lower, on the average, about 17 times per year and fail to climb above zero during the day about twice in 3 years.

The average date for last frost in spring is May 4 and first frost in fall is October 5, with an average length growing season of 154 days.

AVERAGE TEMPERATURE, 1901-1965 (°F.)

YR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	ANNL
01	25.4	19.6	35.8	51.4	61.6	71.3	83.8	74.8	63.1	55.2	36.7	19.3	49.8
02	22.9	19.2	38.4	48.1	64.4	66.6	73.6	70.7	60.4	54.0	36.2	15.5	47.5
03	21.3	15.9	35.7	49.1	60.4	66.5	73.3	70.2	62.3	53.7	33.5	21.1	46.9
04	15.8	16.1	35.9	44.7	60.8	65.8	72.0	71.0	63.9	53.5	41.8	25.0	47.2
05	11.0	14.5	42.3	47.6	56.9	69.8	71.4	74.3	65.5	48.9	39.6	28.3	47.5
06	25.4	24.3	26.1	52.1	60.4	66.0	69.9	72.8	65.4	50.5	38.3	29.1	48.4
07	16.6	28.5	41.6	41.5	54.1	66.2	72.2	72.2	62.9	52.0	38.0	28.7	47.9
08	26.5	24.2	38.3	50.9	59.3	67.0	73.4	70.4	70.8	50.1	39.6	27.4	49.8
09	19.2	24.2	32.3	43.6	58.9	69.7	73.5	77.3	61.9	51.3	39.5	12.0	47.0
10	18.2	18.0	52.1	54.6	55.6	69.6	74.8	70.9	64.4	56.6	35.2	23.6	49.5
11	21.1	24.9	41.8	47.9	64.6	75.8	74.6	71.5	67.0	48.5	30.3	25.5	49.5
12	5.2	21.4	25.9	51.9	63.1	66.8	75.2	71.6	61.7	53.8	42.4	29.8	47.4
13	21.4	20.4	37.3	49.4	59.0	73.5	76.4	77.2	66.2	48.3	43.5	30.7	49.9
14	28.4	16.4	35.7	48.5	62.5	72.9	77.8	73.3	64.5	55.9	42.3	15.7	49.5
15	18.4	26.1	25.6	57.9	56.9	65.0	70.7	67.5	63.8	56.3	41.4	26.8	48.0
16	13.1	21.0	37.4	48.9	60.9	61.4	76.8	72.3	64.1	51.4	37.7	19.1	47.0
17	18.4	14.6	33.0	45.5	57.0	67.8	76.2	71.2	64.2	44.4	41.9	13.8	45.7
18	9.3	22.9	45.1	46.1	65.0	72.7	74.0	75.1	60.0	55.0	39.1	31.6	49.7
19	29.2	23.4	36.2	47.9	60.0	71.8	78.7	73.4	67.6	47.9	32.2	17.2	48.8
20	20.3	25.2	36.5	41.1	60.8	71.2	75.0	69.8	66.8	53.6	35.0	24.4	48.7
21	28.7	32.0	43.5	53.2	62.4	76.6	78.1	72.6	66.7	56.0	32.6	27.6	52.5
22	19.8	17.8	37.6	50.5	63.4	73.2	72.2	75.9	68.7	56.7	41.3	21.8	49.9
23	26.7	20.7	30.7	49.3	59.1	70.6	77.8	70.1	65.0	49.0	41.4	32.7	49.4
24	13.0	26.1	30.7	51.0	54.2	66.3	71.1	72.6	59.7	58.9	39.1	13.5	46.4
25	16.4	26.3	41.2	57.9	59.6	70.3	76.0	74.0	69.6	40.5	36.9	22.4	49.3
26	22.0	31.5	34.7	50.1	66.6	69.4	76.5	74.1	62.0	53.2	32.1	22.5	49.6
27	25.3	30.8	39.6	50.3	59.0	69.6	72.5	67.8	66.8	57.1	35.3	14.1	49.0
28	26.5	28.4	41.0	42.6	64.4	64.9	74.1	74.4	62.5	54.3	36.8	31.9	50.9
29	10.7	13.6	39.9	51.3	57.6	66.9	76.0	73.9	62.3	54.3	32.9	25.2	47.1
30	10.5	37.9	38.7	53.4	60.3	69.8	81.9	76.1	66.5	51.5	40.3	29.3	51.4
31	32.2	37.1	35.5	52.7	59.3	78.0	79.2	76.2	72.3	56.8	40.3	30.9	54.2
32	16.8	24.3	28.6	52.2	63.2	72.4	79.3	74.9	64.0	50.5	35.9	21.5	48.6
33	32.1	20.5	35.4	49.5	59.3	79.5	77.7	70.3	70.9	52.4	38.7	26.8	51.1
34	26.4	27.1	35.1	51.9	72.9	73.8	78.6	74.0	59.1	56.7	40.6	21.3	51.5
35	18.5	30.6	41.4	44.9	53.5	65.8	80.7	74.3	65.7	49.3	32.2	22.9	48.3
36	4.8	0.9	36.8	45.6	65.7	71.0	85.2	81.5	70.0	52.0	36.9	27.3	48.1
37	6.3	20.1	34.4	47.2	63.4	69.3	78.5	81.3	66.6	50.2	34.9	24.5	48.1
38	20.0	21.6	42.6	51.1	59.0	70.9	77.3	78.6	68.0	60.7	35.2	27.1	51.0
39	28.2	15.9	37.2	48.6	68.2	71.9	76.9	72.3	70.6	53.6	40.1	33.0	51.4
40	7.7	23.4	30.9	47.2	60.4	71.2	79.0	71.5	69.7	60.4	30.7	27.8	48.3
41	23.2	22.3	33.6	53.3	67.5	70.3	77.4	77.2	66.4	54.4	40.5	31.6	51.5
42	24.8	22.6	36.6	55.7	58.3	70.1	76.3	74.9	60.9	53.7	39.2	22.3	49.6
43	16.2	31.6	31.7	52.7	58.4	72.4	77.8	77.0	64.5	54.9	36.2	30.8	50.4
44	32.1	25.8	29.9	45.8	65.7	72.0	75.0	73.6	65.4	55.6	39.5	25.2	50.5
45	25.2	28.0	44.3	49.2	57.1	64.7	74.0	74.3	66.4	54.7	36.9	17.9	49.2
46	24.2	29.8	46.6	56.9	57.5	71.7	76.0	71.8	64.5	52.9	35.2	28.8	51.3
47	28.8	19.6	33.0	47.0	57.6	67.5	75.8	82.2	66.9	60.9	32.7	26.0	49.8
48	19.5	23.9	33.1	56.4	61.6	69.1	77.1	76.5	70.6	54.4	36.7	23.2	50.2
49	14.5	18.8	34.5	52.1	65.9	73.5	77.5	75.3	61.8	55.4	45.2	26.8	50.1
50	12.2	23.8	30.0	43.5	58.2	70.7	71.0	70.3	64.8	56.9	34.5	22.0	46.7
51	20.9	29.6	26.7	46.1	62.1	66.3	73.5	71.9	60.7	52.0	33.0	18.5	46.8
52	20.0	31.0	29.7	51.2	61.6	76.7	76.4	72.8	66.6	49.1	38.5	26.5	50.0
53	23.0	28.2	38.9	44.9	60.6	75.0	76.7	75.0	65.9	58.7	42.2	28.1	51.4
54	18.3	39.2	32.1	53.4	56.9	72.4	79.7	72.9	66.2	50.6	43.8	27.6	51.1
55	23.4	18.4	33.9	58.5	66.2	67.7	80.0	79.8	67.2	55.4	30.2	17.4	49.8
56	15.8	21.7	35.1	46.1	63.0	77.1	73.5	74.4	65.7	60.0	36.6	28.7	49.8
57	13.2	28.5	34.6	47.3	57.8	68.6	78.1	72.0	58.6	50.2	36.8	33.6	48.3
58	26.4	18.7	32.7	49.5	64.1	67.2	71.3	75.3	67.1	56.1	38.7	21.3	49.0
59	15.2	19.4	38.6	50.0	61.8	74.4	74.0	77.5	64.4	47.5	28.2	32.1	48.6
60	16.2	15.9	19.7	50.1	59.7	67.2	74.0	74.1	65.1	53.2	40.2	25.1	46.7
61	20.1	27.5	37.6	45.3	57.9	69.9	73.7	73.8	62.1	54.0	35.5	18.0	48.0
62	16.5	20.7	25.4	49.1	65.8	68.0	72.5	71.8	60.3	53.7	41.8	26.2	47.7
63	10.4	24.4	41.8	53.2	60.2	74.4	76.7	72.5	68.0	61.6	41.7	15.7	50.1
64	26.6	26.1	31.6	51.4	64.9	70.5	77.3	68.7	63.1	52.4	37.4	18.7	49.2
65	16.7	19.1	23.9	50.7	64.7	69.8	73.5	70.6	56.2	54.8	37.2	32.0	47.4

PRECIPITATION: The average annual precipitation is 24.85 inches of which 19.25 inches, or 77%, falls during the growing season (April - September). Thundershowers are the main source of rain during the growing season and produce a wide range of amounts and intensities. A rainfall of 1 inch or more in 1 hour may be expected a little more than once a year. Two inches or more of rain in 1 hour may be expected about once in 5 years and 3 inches in 1 hour about once in 50 years. A 24-hour rain of 2 inches or more may be expected about once a year and a 24-hour rain of 3 inches or more may be expected about once in 4 years.

The seasonal snowfall averages 29.8 inches and has varied from 7.4 inches during 1930-31 season to 62.9 inches during 1916-17 season.

Hail may be expected about once a year in any one location in the Vermillion area. April, May, and June are the months of most frequent occurrence, but hail has fallen as early as March and as late as November.

OTHER CONSIDERATIONS: Winds average about 11 MPH with prevailing direction from the northwest during winter and about 10 MPH with prevailing direction from the south southeast during summer. Strong winds of 50 MPH or more may occur any time of year but are most likely to occur with summer thunderstorms. During other times of the year, strong winds may be associated with the passage of a cold front or a deep low pressure area.

It is possible for a tornado to touch down in the Vermillion area, but it is difficult to give the probability of a rare occurrence.

This area receives an annual average of about 64% of possible sunshine. The greatest amount of possible sunshine is received in July with 75%. December receives the lowest amount of possible sunshine with 52%.

Relative humidity averages from about 55% in afternoon to about 89% in early morning during summer and from about 65% in afternoon to about 80% in early morning during winter.

Evaporation from a large pan is an indication of the water loss experienced by the soil and crops. The average annual Weather Bureau Class A pan evaporation is about 54 inches. About 42 inches, or 78%, of this evaporates on the average from May through October. The pan evaporation represents a maximum or potential evaporation. The average annual lake evaporation is about 38 inches. The actual water loss from soil is usually less, since the soil moisture is often limiting.

PROBABILITY DATE OF LAST TEMPERATURE OCCURRENCE IN SPRING, 1901-1965 (°F)

PERCENT CHANCE OF LATER DATE	TEMPERATURE LEVELS 16	20	24	28	32	36
90	MAR. 3	MAR. 13	MAR. 21	APR. 2	APR. 14	APR. 24
70	MAR. 11	MAR. 20	MAR. 29	APR. 9	APR. 21	MAY 1
50	MAR. 25	APR. 3	APR. 13	APR. 23	MAY 4	MAY 13
30	APR. 7	APR. 15	APR. 27	MAY 6	MAY 17	MAY 25
10	APR. 14	APR. 22	MAY 5	MAY 14	MAY 24	MAY 31

PROBABILITY DATE OF FIRST TEMPERATURE OCCURRENCE IN FALL, 1901-1965 (°F.)

PERCENT CHANCE OF EARLIER DATE	TEMPERATURE LEVELS 16	20	24	28	32	36
10	OCT. 18	OCT. 15	OCT. 6	SEP. 25	SEP. 14	SEP. 2
30	OCT. 27	OCT. 21	OCT. 13	OCT. 2	SEP. 21	SEP. 10
50	NOV. 12	NOV. 3	OCT. 26	OCT. 18	OCT. 5	SEP. 26
70	NOV. 28	NOV. 14	NOV. 7	NOV. 1	OCT. 18	OCT. 11
90	DEC. 7	NOV. 21	NOV. 14	NOV. 9	OCT. 25	OCT. 19

MEANS AND EXTREMES,* 1901-1965

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.	30.5	9.0	19.7	66	44	20	-38	12	12	1378	0	16	30	8
Feb.	34.4	12.4	23.4	70	30	18	-32	05	02	1159	0	11	27	5
Mar.	46.4	24.2	35.3	92	43	30	-22	60	04	916	0	5	24	0
Apr.	62.4	36.9	49.6	99	10	28	01	36	03	467	0	0	10	0
May	73.7	48.4	61.0	106	34	29	22	09	01	184	1	0	1	0
June	82.3	58.1	70.2	106	33	10	36	56	01	37	7	0	0	0
July	88.7	63.0	75.8	114	36	17	41	62	26	2	14	0	0	0
Aug.	86.3	61.1	73.7	112	30	03	34	16	28	9	10	0	0	0
Sept.	77.9	51.9	64.9	105	31	07	23	26	25	112	4	0	0	0
Oct.	66.8	40.4	53.6	98	63	01	03	25	28	367	0	0	6	0
Nov.	48.7	26.2	37.4	83	31	08	-24	59	14	822	0	3	21	0
Dec.	34.6	14.4	24.5	67	62	16	-32	17	29	1242	0	12	29	4
Annual	61.1	37.2	49.1	JULY 114	36	17	JAN. -38	12	12	6695	36	47	148	17

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.	.49	1.65	16	.88	44	27	5.3	15.0	16	8.0	17	21	3	2	0	0
Feb.	.83	2.75	19	1.87	51	28	7.0	25.5	62	12.0	09	09	4	2	0	0
Mar.	1.24	4.45	20	1.73	20	03	7.0	24.8	62	11.0	20	03	6	4	1	0
Apr	2.48	7.70	13	2.03	13	23	1.4	18.0	13	10.0	13	10	7	5	2	1
May	3.73	9.85	03	2.84	49	21	0.1	4.0	47	4.0	47	28	10	7	3	1
June	4.00	7.87	34	3.47	53	07	0.0	0.0		0.0			10	7	3	1
July	3.29	9.63	07	3.64	52	01	0.0	0.0		0.0			7	5	2	1
Aug.	3.14	9.90	37	6.38	37	18	0.0	0.0		0.0			7	5	2	1
Sept.	2.91	12.41	01	4.85	01	11	0.0	0.0		0.0			7	5	2	1
Oct.	1.45	6.67	04	3.35	28	16	0.5	10.0	16	6.0	16	19	5	3	1	0
Nov	1.05	4.53	09	2.40	48	19	3.2	22.5	09	11.5	28	01	3	2	1	0
Dec.	.63	1.92	09	1.59	53	03	5.3	23.9	24	10.0	24	07	4	2	0	0
Annual	25.24	SEP. 12.41	1	AUG. 6.38	37	18	29.8	FEB. 25.5	62	FEB. 12.0	9	9	73	49	17	6

*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 TEMPERATURE, 1901-1965

(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	-20	24	.22	60	5.0	60	21.2
02	58	39	-21	11	.44	37	6.0	37	19.7
03	54	09	-23	19	.83	49	3.0	26	19.5
04	55	64	-22	42	.36	49	4.0	22	20.9
05	54	56	-29	24	.20	32	3.0	32	19.0
06	55	33	-24	12	.18	53	2.4	53	20.6
07	54	49	-27	12	.12	40	1.5	40	21.1
08	62	58	-13	37	.10	45	1.5	45	21.9
09	60	17	-17	37	.17	57	3.0	57	21.6
10	58	28	-15	57	.32	35	4.0	35	22.0
11	57	28	-28	18	.66	05	5.5	05	20.6
12	52	58	-38*	12	.18	63	2.0	47	19.7
13	56	28	-30	16	.36	10	3.0	30	20.2
14	54	14	-21	57	.40	30	4.0	30	20.7
15	62	14	-21	12	.29	53	3.0	53	19.3
16	59	51	-24	65	.30	41	3.0	32	18.5
17	56	23	-26	30	.28	36	4.0	36	19.4
18	57	19	-24	40	.30	14	2.5	22	20.0
19	63	21	-25	43	.15	45	3.0	58	21.3
20	66	44	-23	62	.23	37	2.5	37	19.0
21	64	44	-18	54	.80	17	8.0	17	18.5
22	60	42	-24	36	.09	52	1.5	14	18.4
23	57	47	-22	36	.15	49	1.2	65	19.0
24	64	31	-24	04	.15	56	2.0	56	20.0
25	66	44	-27	05	.62	02	8.0	02	18.5
26	66	44	-21	36	.60	18	6.0	18	18.6
27	62	34	-23	36	.88	44	2.0	23	18.6
28	60	34	-16	15	.50	09	7.0	25	20.1
29	66	31	-16	36	.12	02	4.0	02	19.4
30	63	31	-23	18	.38	47	7.5	47	18.0
31	58	11	-28	18	.61	26	3.0	58	18.9

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE

FEBRUARY DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
01	57	31	-27	17	1.00	15	10.0	15	19.1
02	67	24	-32	05	.58	19	4.0	61	19.5
03	65	62	-16	61	1.60*	43	2.0	40	20.7
04	60	62	-25	05	.55	03	11.0	03	20.3
05	64	63	-23	36	.84	11	8.0	15	22.7
06	55	63	-24	14	.27	28	3.5	21	22.0
07	55	43	-21	33	1.22	28	1.0	55	21.0
08	61	54	-28	33	.27	01	7.0	01	20.4
09	62	54	-27	33	1.45	09	12.0	09	20.2
10	60	51	-21	36	.79	65	6.5	44	20.7
11	59	51	-23	36	.24	48	4.0	48	23.4
12	63	28	-26	05	1.05	08	4.5	50	24.0
13	66	54	-25	05	1.30	19	6.0	19	24.0
14	68	54	-29	36	.40	35	4.0	19	22.2
15	67	21	-23	09	.31	62	2.7	42	22.5
16	68	07	-31	36	.55	38	7.0	39	25.7
17	69	13	-20	03	.20	04	3.0	36	25.6
18	70	30	-22	03	.49	61	10.5	62	25.0
19	67	43	-22	36	.40	17	4.0	17	23.5
20	67	43	-17	18	1.13	54	7.0	54	22.8
21	69	43	-19	18	.51	57	5.7	62	24.2
22	69	43	-20	62	.92	13	2.0	13	25.4
23	64	58	-13	10	.68	24	7.0	24	26.5
24	60	58	-18	65	.25	12	3.0	35	26.3
25	64	21	-06	62	.75	54	6.0	54	26.6
26	59	21	-16	34	.60	06	6.0	06	26.8
27	61	21	-18	62	1.57	58	3.0	03	26.9
28	68	05	-31	62	1.87	51	4.5	07	28.6

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE

MARCH DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
01	75	23	-18	62	.40*	65	4.0	16	29.8
02	74	05	-12	43	1.07	04	3.0	53	30.1
03	77	05	-07	60	1.73	20	11.0	20	30.5
04	71	05	-22	60	.61	62	5.5	62	29.6
05	70	37	-19	60	.90	15	9.0	15	29.7
06	69	50	-14*	62	.78	08	4.0	19	29.4
07	69	37	-13	20	.80	17	8.0	17	29.0
08	65	55	-04*	51	.89*	28	3.0	61	30.5
09	67	36	-04	32	.42	40	4.5	40	32.2
10	71	57	-07	48	.18	51	3.0	56	32.9
11	67	55	-13	48	.67	27	3.0	50	33.5
12	72	10	-08	56	.62	62	10.0	62	34.2
13	76	14	-05	50	.48	62	4.0	25	35.1
14	79	35	-18	60	.85	12	5.0	12	33.1
15	82	35	-01	12	.70	38	3.0	23	33.2
16	82	35	-05	06	.90	17	9.0	17	35.1
17	74	01	-04	02	.75	65	4.8	65	35.2
18	82	21	-10	23	1.15	05	3.0	57	36.7
19	80	21	-06*	65	.86	03	8.0	33	36.6
20	76	18	00	65	1.08*	12	8.0	12	36.0
21	88	07	-05	65	.50	04	2.0	55	37.3
22	84	39	03	12	.29	52	3.0	44	39.8
23	90	28	00	65	.42	20	3.0	06	41.9
24	88	07	03	65	1.15*	37	1.5	55	41.9
25	86	10	02	55	.81	42	2.5	16	41.4
26	82	10	-01	65	.65	49	5.5	36	39.5
27	83	05	04	13	.34	51	7.5	49	38.8
28	82	10	10	21	1.66	20	4.0	28	39.4
29	85	43	09	64	.76	24	6.0	28	41.3
30	92	43	08	23	.97	49	6.0	01	41.9
31	92	43	07	36	.62	29	5.0	29	41.9

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE

APRIL DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
01	88	63	02	24	1.52	27	1.6	36	43.9
02	88	21	11	36	.67	60	2.5	37	44.4
03	83	29	01	36	1.40	34	4.0	13	43.9
04	89	29	16	20	.81	57	5.5	57	45.1
05	87	29	17	26	1.25	47	1.0	57	45.2
06	81	59	12*	57	1.00	09	6.0	09	45.8
07	85	31	10	36	1.10	04	2.0	38	45.7
08	88	31	14	28	.93	41	3.0	62	44.6
09	88	30	15	59	1.62*	13	4.0	13	45.9
10	86	30	18	21	2.00	13	10.0	13	48.3
11	82	31	14	40	1.54	22	6.0	22	46.5
12	86	25	11	57	1.03	27	1.2	09	47.4
13	89	36	15	57	.92*	27	0.8	09	49.2
14	94	54	13	28	.57	19	0.8	09	50.2
15	87	43	17	14	1.29	53	0.0		50.3
16	93	64	20	07	1.16	45	0.0		50.0
17	88*	64	20	24	1.40	08	3.0	10	50.2
18	90	27	20	53	1.20	25	2.0	07	51.9
19	88	55	18*	28	1.70	41	0.0		51.4
20	88	26	24	56	.58	59	2.0	59	52.8
21	89	62	20	36	1.39	23	0.9	27	53.4
22	94	60	23	27	.86	40	0.0		53.8
23	91	60	22	56	2.03	13	0.0		55.2
24	90	06	24	56	1.87*	04	7.0	37	53.6
25	94	62	26	58	2.00	02	0.5	37	53.1
26	90	01	25	50	1.44	24	1.0	08	52.9
27	86	27	24	09	1.10	62	0.0		53.5
28	99	10	24	09	1.10	03	1.0	56	53.6
29	95	10	23	58	1.32	63	1.0	56	55.2
30	97	65	17	03	1.66	37	0.5	03	55.2

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE

MAY DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEM
01	95	59	22	09	.53	51	1.5	11	56.7
02	93	55	25	29	.80	54	0.0		57.6
03	94	49	25*	09	1.54	44	0.0		57.8
04	93	52	29*	54	1.31*	60	0.0		57.5
05	96	09	26	44	.81	08	0.0		57.8
06	96	34	27	44	1.51	59	0.0		57.2
07	94	16	29	54	2.43	30	0.3	38	56.7
08	99	34	27	43	.74	26	0.0		56.7
09	98	34	29	61	1.62	65	1.0	65	57.9
10	89	11	23	07	1.55	05	0.0		57.9
11	93	28	24	46	1.76	03	0.0		58.8
12	90	15	26	46	2.13	20	0.0		59.0
13	91	62	30*	53	1.88*	13	0.0		59.2
14	98	41	31	21	.87	16	0.0		60.0
15	97	41	27	59	1.68	65	0.0		60.3
16	92	34	32	45	2.18	60	0.0		61.0
17	98	34	30	25	1.25	28	0.0		62.6
18	100	34	23	15	1.24	62	0.0		63.6
19	100	34	37	15	.94	35	0.0		62.1
20	100	25	34	07	1.72	14	0.0		63.0
21	97	34	26	31	2.84	49	0.0		63.5
22	95	25	24	63	2.03	62	0.0		64.1
23	96	50	36	63	1.25	52	0.0		64.2
24	96	39	29	24	2.40	09	0.0		64.2
25	96	39	32	25	.97	17	0.0		65.1
26	94	26	34	61	2.16	20	0.0		64.1
27	92	31	35	06	2.20	27	0.0		63.5
28	97	34	32	47	1.72	29	4.0	47	63.9
29	106	34	29	47	1.75	05	0.0		66.0
30	106	34	37	47	1.42	61	0.0		66.7
31	101	34	34	64	1.55	43	0.0		66.8

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE

JUNE DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
01	101	34	36	56	1.53	20	0.0		65.5
02	99	34	37	64	1.33*	54	0.0		65.9
03	96	34	38	46	1.78	18	0.0		66.6
04	94	05	38	45	3.02	40	0.0		67.1
05	98	26	39	35	1.55	55	0.0		68.0
06	100	33	39	35	3.28	14	0.0		67.2
07	98	33	36	01	3.47	53	0.0		66.7
08	99	11	43	13	1.75	34	0.0		66.5
09	99	11	40	15	1.48	22	0.0		68.1
10	106	33	40	08	1.13	47	0.0		69.1
11	105	33	37	58	1.70	14	0.0		68.6
12	100	56	43	27	2.60	44	0.0		69.1
13	102	56	40	33	2.85	38	0.0		70.1
14	99	52	40	16	.91	01	0.0		70.7
15	100	36	39	17	.80	20	0.0		70.7
16	99	46	38	16	1.33	48	0.0		71.4
17	99	59	42	60	1.42*	62	0.0		71.1
18	102	53	43	12	2.44	51	0.0		71.0
19	100	53	37*	16	2.62	54	0.0		71.1
20	103	27	42	61	1.58	13	0.0		71.4
21	99	56	39	16	2.06	09	0.0		71.2
22	99	30	40	05	1.28	48	0.0		72.5
23	103	37	44	42	1.48	09	0.0		72.6
24	102	31	41	57	1.05	30	0.0		73.1
25	103	36	38	58	1.03	39	0.0		73.8
26	102	31	37	04	2.25	11	0.0		73.3
27	104	31	42	58	1.80	09	0.0		73.8
28	106	31	47	23	2.95	43	0.0		74.2
29	102	31	43	23	1.06	41	0.0		74.0
30	102	61	45*	04	.99	23	0.0		74.4

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE

JULY DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
01	101	25	46	60	3.64	52	0.0		74.2
02	99	36	46	45	1.59	02	0.0		74.0
03	101	36	45	15	2.10	64	0.0		74.6
04	109	36	49	60	1.84*	09	0.0		75.1
05	108	36	50	31	.82	47	0.0		75.4
06	106	36	47	60	1.76	29	0.0		74.8
07	101	57	46*	08	1.60	38	0.0		75.1
08	106	30	50	53	1.28	57	0.0		75.4
09	106	30	47	61	1.22*	09	0.0		75.6
10	107	30	49	18	2.65	55	0.0		75.0
11	109	39	48	59	1.92	44	0.0		76.2
12	104	54	46*	07	1.65	08	0.0		76.2
13	106	32	43	26	1.55	55	0.0		75.1
14	103	36	44	30	1.48	10	0.0		74.9
15	104	36	46	12	1.35	15	0.0		75.4
16	107	36	46	12	.70	43	0.0		76.6
17	114	36	47	07	1.39	03	0.0		76.4
18	107	36	52	22	3.35	65	0.0		76.5
19	104	36	49	11	1.98	50	0.0		76.3
20	107	34	47	16	1.15	07	0.0		76.9
21	107	34	48	47	2.75	28	0.0		76.8
22	108	36	48	25	2.40	35	0.0		76.3
23	107	36	46	04	1.41	35	0.0		76.4
24	108	40	49	11	.40	40	0.0		76.3
25	107	01	50	11	1.38	48	0.0		77.5
26	106	30	41	62	3.51	08	0.0		77.6
27	111	30	46	07	1.61	58	0.0		78.0
28	103	32	47	65	1.00	22	0.0		76.9
29	108	47	49	64	2.80	53	0.0		76.9
30	105	47	50	03	1.35	53	0.0		75.8
31	104	31	47	60	.78	59	0.0		75.9

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE

AUGUST DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
01	105	01	51	04	1.76	03	0.0		76.1
02	106	30	35	01	2.35	45	0.0		75.3
03	112	30	45	15	1.06	11	0.0		76.2
04	108	34	46	15	.72	06	0.0		75.9
05	103	34	49	57	1.15*	63	0.0		75.7
06	100	37	51	61	2.75	53	0.0		75.0
07	99	28	50	21	1.84	06	0.0		74.0
08	102	36	48*	64	1.38	09	0.0		74.2
09	106	47	44	27	1.11	62	0.0		74.4
10	105	47	45	54	2.05*	61	0.0		73.8
11	99	41	42	02	1.56	53	0.0		73.6
12	99	36	38	64	1.63	05	0.0		73.3
13	100*	65	39	64	.97	27	0.0		73.5
14	99	38	40	16	1.86	07	0.0		74.3
15	107	37	48	29	3.13	10	0.0		75.2
16	105	37	49*	64	1.85*	45	0.0		74.9
17	103	36	45	43	1.00	37	0.0		74.4
18	102	36	45	63	6.38	37	0.0		73.7
1	100	55	44	56	.69	47	0.0		74.2
20	102	47	38	50	2.60	65	0.0		73.4
21	99	55	45*	08	.86	22	0.0		72.7
22	103	38	40	23	1.90	21	0.0		72.2
23	102	38	46	65	4.11	06	0.0		72.9
24	110	36	40	34	.65	60	0.0		72.7
25	108	36	41	58	1.41	02	0.0		72.6
26	102	55	38	16	1.19	03	0.0		71.8
27	102	13	39	16	1.44	36	0.0		72.5
28	101	55	34*	16	3.71	60	0.0		72.0
29	104	48	42	46	.90	42	0.0		71.9
30	98	47	39	35	.91	62	0.0		72.5
31	98	22	44	58	.96*	30	0.0		71.7

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE

SEPTEMBER DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
01	100	13	41*	65	1.20	07	0.0		71.7
02	102	25	41	52	1.44	09	0.0		71.2
03	102	25	42	59	1.34*	53	0.0		69.6
04	101	13	39	02	1.87	49	0.0		68.9
05	102	22	34	62	2.00	38	0.0		69.9
06	101	13	34	56	1.00	07	0.0		70.2
07	105	31	40	04	2.10	01	0.0		69.6
08	100	47	43	07	1.74	01	0.0		69.6
09	102	31	40	43	1.42	14	0.0		68.7
10	102	31	34	59	2.30	14	0.0		67.2
11	98	31	34	40	4.85	01	0.0		66.1
12	99	31	29	02	1.41	38	0.0		65.2
13	100	39	32	02	1.11	38	0.0		65.6
14	99	39	37	61	1.24	15	0.0		65.0
15	100	55	31	61	4.22*	36	0.0		64.2
16	97	55	32	03	1.10	33	0.0		65.3
17	97	55	32	01	2.24*	26	0.0		65.6
18	97	40	27	01	3.00	05	0.0		65.4
19	100	48	31	18	1.98	23	0.0		65.2
20	95	39	27	18	3.88	02	0.0		63.1
21	95	37	29	34	.78	50	0.0		62.5
22	95	29	29	13	1.19	10	0.0		62.7
23	96	29	33	57	.82*	63	0.0		62.8
24	91	38	26	42	1.13	34	0.0		61.4
25	93	20	23	26	.85	01	0.0		60.0
26	96	56	28	65	1.68	08	0.0		59.0
27	97	56	25	35	.40	15	0.0		58.2
28	92	22	26	61	.87*	01	0.0		59.1
29	88	10	26	45	1.19	65	0.0		58.0
30	92	52	28	20	1.27	65	0.0		58.7

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE

OCTOBER DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
01	98	63	26	61	.53	26	0.0		58.6
02	94	32	30	61	.81	50	0.0		60.8
03	93	38	29	50	1.36	10	0.0		61.8
04	93	38	21	35	.94	46	0.0		60.[illegible]
05	97	63	24	52	1.91	11	0.0		58.7
06	91	63	20	35	.97	48	0.0		58.4
07	88	63	23	52	.54	18	0.0		57.1
08	87	42	20	17	.88	24	0.5	59	56.6
09	89	28	19	64	1.06	04	0.0		55.7
10	94	28	21	06	3.00	13	0.0		56.6
11	91	56	24	08	1.03	12	0.0		57.0
12	89	18	17	17	.59	47	0.0		55.3
13	88	58	16	09	.93	43	0.0		55.4
14	91	58	16	37	1.50	28	0.0		56.6
15	93	58	26	52	.74	30	0.0		57.2
16	89	61	28	60	3.35	28	0.0		56.7
17	86	61	21*	59	.27*	37	0.0		53.6
18	89	45	22	30	1.53	04	0.0		53.8
1	90	58	14	17	3.12	04	6.0	16	52.0
20	89	47	13	60	1.04	08	0.0		51.6
21	88	47	12	13	.33	57	0.0		51.9
22	85	01	18	36	.99	41	0.0		50.7
23	87	27	18	64	1.12	06	0.0		49.1
24	85	44	17	26	.65	06	3.0	16	49.7
25	91	27	15	42	1.15	08	6.0	11	49.1
26	89	27	13	42	.72	54	2.0	18	47.7
27	82	40	15	25	.79	18	5.0	25	46.7
28	85	22	03	25	.60	40	1.0	17	46.5
2	82	50	05*	25	1.30	48	4.0	23	46.9
30	92	50	05	25	.79	47	0.0		46.4
31	83	44	14	17	.74	20	0.0		45.2

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE

NOVEMBER DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
01	82	44	09	35	1.15	28	11.5	28	45.4
02	78	65	05	11	1.07	38	8.0	28	43.2
03	75	09	11	55	.37*	38	0.3	35	43.6
04	79	09	11	51	.56	22	0.5	61	42.5
05	78	45	06	51	1.36	05	3.0	59	42.6
06	77	14	-04	59	.96	46	0.0		42.5
07	80	31	15	38	.81	18	2.0	43	42.2
08	83	31	05	36	.63	44	2.5	43	40.6
09	74	31	10	45	1.37	19	9.0	46	40.0
10	76	49	10	26	.53	19	3.5	40	40.2
11	78	12	06	40	.30	16	3.0	16	39.3
12	70	41	-03	11	1.00	22	4.0	59	37.6
13	74	58	-06	40	.94	22	5.0	59	37.7
14	76	53	-24	59	1.26	26	2.0	47	36.1
15	79	53	01	40	.70	47	3.0	47	37.3
16	75	53	-03	59	1.70	09	8.0	09	36.9
17	72	53	-09	59	.71	58	0.5	26	37.6
18	78	08	07	03	.48	34	3.0	57	37.4
19	68	36	-03	14	2.40	48	11.0	48	36.8
20	78	33	-03	37	1.41	30	1.5	56	37.1
21	71	60	-07	37	.46	40	3.5	40	35.4
22	65	60	00	29	1.09	09	9.0	09	33.1
23	60	07	-01	50	.97	05	1.0	09	33.7
24	68	42	02	50	.52	03	1.0	59	34.6
25	76	60	06	55	.44*	51	9.0	51	35.8
26	74	60	06*	64	.30	19	3.0	19	33.2
27	69	63	-01	55	1.23	35	3.0	35	31.7
28	69	41	00	52	.82	60	2.5	25	31.4
29	63	39	-01	29	.40	19	4.0	19	30.4
30	67	39	-13	64	.36	54	4.0	54	31.0

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE

DECEMBER DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
01	65	39	00	60	.78	45	3.0	19	31.9
02	60	58	-10*	19	.62	33	1.0	34	30.7
03	67	16	-14	19	1.59	53	7.0	55	30.8
04	62	16	-07	02	.52	47	4.5	24	30.1
05	63	63	-03	50	.50	08	3.5	24	28.4
06	64	39	-13	50	.30	08	8.0	02	27.1
07	65	39	-08	02	.61	26	10.0	24	26.7
08	63	04	-17	17	.26	24	3.0	58	25.0
09	65	57	-21	58	.77	18	1.7	61	24.3
10	61	39	-20	19	.19	61	2.0	61	23.7
11	60	43	-08	62	.30	09	3.5	32	24.8
12	61	21	-21	32	.24	01	4.0	56	23.7
13	66	21	-23	17	.15	07	1.0	45	22.2
14	64	60	-26	01	.22	51	3.5	51	21.4
15	58	23	-25	01	.38	40	4.0	02	22.8
16	67	62	-17	14	.30	04	2.3	04	23.5
17	64	62	-18*	22	.36	63	4.0	51	21.9
18	65	23	-18*	64	.24	01	3.0	01	22.0
19	56	41	-20	01	.30	52	5.4	64	22.5
20	55	41	-19	16	.82	02	3.0	14	22.9
21	62	33	-22	63	.70	11	9.0	20	23.3
22	60	33	-16	63	.25*	52	2.0	52	24.9
23	57	50	-09*	51	.40*	21	4.0	21	24.2
24	58	36	-18	20	.29	25	4.0	51	23.9
25	59	63	-15	24	.32	64	4.0	64	23.2
26	53	63	-20*	33	.35	41	5.6	41	23.9
27	61	28	-17	24	.40	35	3.5	35	22.0
28	67	28	-24	24	1.27	59	5.5	59	22.6
29	54	29	-32	17	.80	07	8.0	07	22.1
30	60	04	-13	61	.82*	31	6.0	23	23.1
31	65	04	-14	46	.38	31	2.0	23	22.6

* 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.

1901-1965

MEAN MINIMUM TEMPERATURE (°F.)

YR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	ANNL
01	14.0	7.3	24.6	38.9	47.8	59.1	69.5	60.5	51.1	42.3	25.0	10.1	37.5
02	12.8	9.8	26.9	34.0	52.4	54.6	62.2	59.7	47.5	40.0	27.8	8.1	36.3
03	10.5	4.6	25.9	35.4	49.9	55.3	61.9	59.5	49.9	40.3	24.7	10.1	35.7
04	6.8	3.7	24.1	30.7	47.6	53.8	59.5	58.0	49.7	41.3	27.4	13.9	34.7
05	0.2	2.8	31.8	35.1	45.2	57.7	60.7	62.7	54.2	37.9	29.0	18.3	36.3
06	15.0	12.3	19.0	39.7	49.7	54.6	58.5	61.9	54.1	38.6	27.2	17.6	37.4
07	5.7	15.5	28.4	28.8	40.7	56.2	54.0	61.6	49.6	37.5	25.5	18.3	35.2
08	14.4	15.4	26.4	35.2	47.6	56.8	61.2	58.3	57.2	38.9	28.2	19.0	38.1
09	9.9	13.8	22.9	31.8	46.0	58.5	63.4	66.4	51.4	39.3	28.7	5.4	36.5
10	8.6	6.3	36.3	40.5	42.5	56.7	61.7	58.6	52.0	42.3	24.1	14.0	37.0
11	9.3	15.2	27.3	36.4	51.9	62.3	61.0	59.0	54.0	39.2	19.3	16.1	37.6
12	-5.3	11.8	16.6	40.0	49.4	54.3	62.1	58.8	50.2	40.4	29.2	17.1	35.4
13	8.9	7.9	20.6	36.9	47.5	60.1	62.6	63.4	53.2	35.6	33.1	19.8	37.5
14	16.6	4.3	24.5	34.6	50.1	61.2	64.1	59.9	52.8	42.7	28.3	6.1	37.1
15	9.9	19.6	19.0	45.5	45.6	54.5	61.0	55.6	53.1	43.3	30.4	18.6	38.0
16	3.7	10.6	25.4	37.5	48.3	47.5	59.9	55.3	50.6	39.0	26.9	7.4	34.3
17	7.1	3.3	23.5	35.0	43.8	55.5	62.7	57.4	51.7	31.6	30.6	4.0	33.9
18	-1.0	10.8	30.2	33.5	51.8	60.3	61.1	62.5	46.1	43.1	29.7	22.4	37.5
19	18.2	15.1	24.5	35.1	47.6	61.4	66.3	59.3	55.2	36.9	22.4	8.3	37.8
20	10.8	17.2	23.9	30.9	49.4	59.6	62.4	56.4	53.4	45.3	25.9	15.9	37.6
21	20.0	19.4	29.8	39.7	50.4	64.3	65.8	60.2	54.4	42.1	22.3	16.7	40.4
22	9.3	6.2	26.1	38.2	51.3	60.1	60.2	62.9	54.4	41.9	32.1	10.2	37.7
23	16.7	7.3	18.0	35.2	46.4	60.7	66.3	58.4	53.6	37.2	28.6	21.1	37.5
24	1.1	15.3	22.4	35.9	40.4	54.7	57.5	60.6	47.5	45.9	26.1	3.5	34.2
25	5.8	17.0	27.1	44.0	44.9	58.1	61.2	60.2	56.5	29.1	23.9	11.8	36.6
26	11.5	22.1	21.8	33.8	52.8	54.2	63.0	61.4	50.6	39.5	23.2	13.8	37.3
27	15.5	20.1	28.5	39.0	47.3	56.9	60.3	57.6	54.9	42.2	25.5	3.8	37.7
28	15.9	18.2	29.3	29.6	49.8	54.7	62.9	63.0	48.9	42.2	26.6	21.0	38.7
29	0.3	3.1	28.9	38.3	44.8	56.6	65.4	61.8	51.2	42.7	22.4	16.4	36.0
30	0.5	27.2	26.0	40.8	48.8	56.6	67.1	64.0	52.6	40.5	28.4	19.9	39.4
31	19.5	24.1	24.3	39.0	45.8	65.6	65.0	61.8	58.9	45.2	28.8	22.8	41.7
32	7.4	13.5	19.0	40.4	50.4	60.9	64.5	62.2	48.9	37.1	24.1	10.5	36.6
33	19.7	7.0	23.7	36.0	46.6	64.2	64.3	57.5	56.9	36.8	24.4	14.9	37.7
34	16.0	13.5	20.9	37.7	57.6	60.7	65.6	59.2	45.4	42.9	30.4	12.4	38.5
35	8.0	21.6	28.7	34.7	44.2	54.9	68.5	61.6	51.8	36.2	22.3	14.0	37.2
36	-4.8	-10.5	25.6	32.4	52.8	56.8	69.0	67.3	58.0	37.9	25.6	18.6	37.5
37	-4.0	9.4	23.9	36.8	51.5	57.9	65.4	70.1	53.4	38.7	24.5	15.3	36.9
38	10.4	12.6	31.9	39.9	48.4	59.2	65.2	65.6	54.9	47.1	24.4	17.0	39.7
39	18.7	4.0	24.4	36.1	55.1	58.7	61.9	59.3	54.7	40.0	27.0	22.1	38.5
40	-2.1	14.7	22.7	35.6	46.9	58.4	66.2	60.5	56.2	46.4	21.6	20.3	37.3
41	14.2	13.2	24.7	43.4	54.4	59.5	63.9	63.6	54.5	43.0	27.9	21.7	40.3
42	14.3	13.3	27.4	41.4	47.1	59.2	63.4	62.2	49.5	39.5	25.4	13.0	38.0
43	4.3	17.2	17.6	37.9	44.9	60.9	65.5	64.8	51.0	40.8	26.9	17.4	37.4
44	19.3	14.7	21.3	36.3	54.6	61.3	63.6	63.2	53.3	41.2	31.4	15.8	39.7
45	16.2	18.1	32.0	37.0	44.9	54.9	62.0	62.6	51.0	40.1	24.7	10.0	37.8
46	12.3	17.3	34.6	43.6	45.1	59.3	64.2	59.4	52.1	40.5	23.8	17.6	39.2
47	17.0	9.3	23.6	36.3	44.3	56.5	63.5	69.0	53.4	49.1	25.7	16.6	38.7
48	9.4	13.0	23.0	42.9	48.8	57.8	65.2	65.6	57.1	39.8	27.1	14.5	38.7
49	5.1	7.9	26.7	39.0	54.2	61.3	65.9	63.8	48.6	43.7	32.7	15.5	38.7
50	0.9	13.2	19.8	32.3	47.2	58.6	61.0	57.9	51.9	43.2	22.9	13.6	35.2
51	10.0	17.9	17.3	36.3	50.4	55.6	62.3	61.2	49.1	40.9	23.5	9.6	36.2
52	9.6	22.5	20.9	39.7	49.3	63.3	63.5	61.0	52.1	33.7	27.4	17.0	38.3
53	12.7	18.8	28.0	34.1	48.6	62.7	64.0	63.7	50.8	44.5	30.5	18.8	39.8
54	6.7	28.0	23.5	39.3	44.2	60.9	68.8	62.2	54.4	41.0	31.4	18.6	39.9
55	12.9	7.3	21.3	43.7	51.4	56.0	67.5	65.5	53.1	40.2	18.1	8.9	37.2
56	7.1	11.0	22.7	31.3	49.7	63.0	59.8	60.5	48.1	44.1	25.1	16.1	36.5
57	1.6	15.7	22.5	32.7	45.9	54.0	64.9	58.8	44.9	40.5	28.4	21.5	36.0
58	14.9	6.2	23.2	36.9	48.0	53.8	59.0	59.7	52.2	40.1	24.8	7.3	35.5
59	3.3	7.7	26.4	34.3	49.9	61.3	59.8	64.6	51.0	33.8	16.7	22.8	36.0
60	6.5	6.0	8.7	37.9	45.7	54.9	60.0	60.8	52.3	38.1	26.7	13.1	34.2
61	6.6	15.7	28.1	32.7	45.7	56.2	58.7	59.7	49.3	39.1	23.4	6.9	35.2
62	4.3	9.7	16.8	35.2	54.2	56.4	60.1	59.2	47.1	39.5	30.6	14.8	35.7
63	-1.9	10.8	29.2	39.8	47.2	61.5	64.8	59.9	55.6	46.6	26.5	2.7	36.9
64	13.8	15.2	18.8	38.4	49.9	57.4	63.7	56.1	50.6	36.1	23.6	7.0	35.9
65	4.1	5.7	14.3	36.2	51.0	58.1	61.0	56.4	45.2	39.9	24.4	21.2	34.8

MEAN MAXIMUM TEMPERATURE (°F.)

YR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	ANNL
01	36.8	31.9	47.0	64.0	75.5	83.5	98.2	89.1	75.1	68.2	48.5	28.6	62.2
02	33.0	28.7	50.0	62.2	76.4	78.6	85.0	81.7	73.3	68.0	44.6	22.9	58.7
03	32.1	27.2	45.6	62.8	71.0	77.7	84.8	80.9	74.8	67.1	42.3	32.2	58.2
04	24.8	28.6	47.8	58.8	74.0	77.9	84.6	84.1	78.2	65.8	56.3	26.1	59.8
05	21.8	26.2	52.8	60.2	68.7	81.9	82.1	86.0	76.9	60.0	50.2	38.4	58.8
06	35.9	36.3	33.3	64.6	71.2	77.4	81.4	83.8	76.8	62.4	49.5	40.7	59.4
07	27.6	41.6	54.8	54.3	67.5	76.2	90.4	82.6	76.3	66.5	50.5	39.2	60.6
08	38.7	33.1	50.2	66.7	72.1	77.3	85.7	82.6	84.5	61.3	51.0	36.8	61.6
09	28.6	34.6	41.7	55.4	71.9	80.9	83.7	88.2	72.5	63.4	50.4	18.7	57.5
10	27.8	29.8	67.9	68.8	68.7	82.6	88.0	83.3	76.9	70.9	46.3	33.3	62.0
11	32.9	34.7	56.4	59.5	77.4	89.3	88.2	84.0	80.0	57.8	41.4	34.9	61.4
12	15.8	31.0	35.2	63.8	76.6	79.3	88.3	84.0	73.2	67.2	55.6	42.6	59.4
13	34.0	32.9	44.1	62.0	70.5	86.9	90.2	91.1	79.2	61.0	53.9	41.6	62.3
14	40.2	28.6	47.0	62.5	75.0	84.6	91.5	86.7	76.3	69.1	56.3	25.4	61.9
15	26.9	32.7	32.3	70.3	68.2	75.6	80.4	79.5	74.6	69.4	52.5	35.1	58.1
16	22.5	31.5	49.5	60.3	73.6	75.4	93.7	89.3	77.6	63.9	48.5	30.9	59.7
17	29.7	25.9	42.5	56.1	70.3	80.1	89.7	85.0	76.8	57.3	53.3	23.7	57.5
18	19.7	35.1	60.1	58.7	78.3	85.2	86.9	87.7	73.9	66.9	48.6	40.9	61.8
19	40.3	31.7	47.9	57.8	72.5	82.3	91.1	87.5	80.0	59.0	42.1	26.1	59.9
20	29.9	33.3	49.1	51.4	72.3	82.8	87.7	83.3	80.3	72.0	44.2	33.0	59.9
21	37.4	44.7	57.2	66.8	74.5	89.0	90.4	85.0	79.0	69.9	43.0	28.5	64.6
22	30.3	29.5	49.1	62.9	75.6	86.4	84.3	88.9	83.1	71.6	50.6	33.5	62.2
23	36.8	34.1	43.4	63.4	71.8	80.5	89.4	81.8	76.4	60.9	54.2	44.4	61.4
24	24.9	36.9	39.1	66.1	68.0	77.9	84.7	84.6	71.9	71.9	52.1	23.5	58.5
25	27.1	35.7	55.3	71.9	74.4	82.5	90.8	87.9	82.7	51.9	50.0	33.0	61.9
26	32.6	41.0	47.6	66.5	80.5	84.6	90.0	86.9	73.4	67.0	41.1	31.2	61.9
27	35.2	41.6	50.3	61.7	70.8	82.4	84.8	78.1	78.8	72.1	45.2	24.4	60.5
28	37.2	38.6	52.7	55.7	79.1	75.1	85.3	85.8	76.1	66.4	45.1	42.9	61.7
29	21.2	24.1	51.0	64.3	70.4	77.2	86.7	86.0	73.5	66.0	43.4	34.1	58.2
30	20.6	48.6	51.4	66.1	71.8	83.0	96.8	88.2	80.4	62.6	52.2	38.8	63.4
31	45.0	50.2	46.8	66.5	72.9	90.5	93.5	90.7	85.8	68.5	51.8	39.0	66.8
32	26.2	35.1	38.2	64.1	76.0	83.9	94.2	87.6	79.1	64.0	47.7	32.5	60.7
33	44.6	34.1	47.1	63.0	72.0	94.9	91.1	83.1	85.0	68.0	53.0	38.7	64.6
34	36.8	40.7	49.4	66.2	88.3	87.0	91.7	88.8	72.9	70.6	50.8	30.2	64.5
35	29.0	39.7	54.2	55.2	62.8	76.7	92.9	87.0	79.7	62.4	42.1	31.9	59.5
36	14.4	08.7	48.0	58.9	78.6	85.3	101.5	95.7	82.1	66.1	48.2	36.1	60.3
37	16.7	30.9	45.0	57.7	75.3	80.7	91.6	92.5	79.9	61.8	45.3	33.8	59.3
38	29.7	30.7	53.4	62.4	69.6	82.6	89.5	91.6	81.2	74.4	46.1	37.3	62.4
39	37.8	27.9	50.0	61.1	81.4	85.1	91.9	85.4	86.6	67.3	53.3	43.9	64.3
40	37.5	32.1	39.2	58.8	74.0	84.1	91.8	82.5	83.3	74.4	39.9	35.3	59.4
41	32.2	31.4	42.5	63.3	80.6	81.1	90.9	90.8	78.3	65.8	53.1	41.6	62.6
42	35.4	31.9	45.8	70.1	69.6	81.1	89.2	87.6	72.3	68.0	53.0	31.7	61.3
43	28.1	46.1	45.8	67.6	72.0	83.9	90.1	89.2	78.0	69.1	45.6	44.3	63.3
44	45.0	37.0	38.5	55.4	76.8	82.7	86.4	84.0	77.6	70.1	47.7	34.6	61.3
45	34.2	37.9	56.7	61.4	69.4	74.5	86.0	86.0	77.8	69.4	49.1	25.9	60.7
46	36.1	42.3	58.7	70.2	69.9	84.1	87.9	84.3	76.9	65.3	46.7	40.0	63.5
47	40.7	30.0	42.5	57.8	70.9	78.5	88.2	95.5	80.5	72.7	39.8	35.5	61.1
48	29.6	34.8	43.3	70.0	74.4	80.4	89.1	87.4	84.2	69.0	46.3	32.0	61.7
49	24.0	29.7	42.4	65.2	77.7	85.8	89.2	86.8	75.1	67.1	57.7	38.2	61.6
50	23.6	34.5	40.3	54.6	69.3	82.9	81.0	82.7	77.6	70.7	48.2	32.4	58.2
51	31.8	41.4	36.1	56.0	73.8	77.0	84.8	82.6	72.3	63.1	42.6	27.5	57.4
52	30.5	39.5	38.5	62.8	74.0	90.1	89.3	84.7	81.2	64.6	49.7	36.1	61.8
53	33.4	37.7	49.8	55.8	72.6	87.3	89.5	86.3	81.1	73.0	53.9	37.4	63.2
54	29.9	50.5	40.7	67.5	69.6	83.9	90.7	83.7	78.1	60.2	56.2	36.6	62.3
55	34.0	29.6	46.5	73.3	81.0	79.5	92.6	94.1	81.4	70.6	42.3	26.0	62.6
56	24.6	32.5	47.6	60.9	76.4	91.2	87.2	88.4	83.3	76.0	48.1	41.4	63.1
57	24.8	41.4	46.8	62.0	69.8	83.3	91.3	85.2	72.4	59.9	45.2	45.7	60.7
58	38.0	31.2	41.2	61.8	80.2	80.7	83.7	91.0	82.0	72.2	52.7	35.3	62.5
59	27.2	31.2	50.8	65.8	73.8	87.5	88.2	90.4	77.9	61.2	39.8	41.4	61.3
60	26.0	25.8	29.7	62.4	73.8	79.5	88.0	87.4	77.9	68.4	53.8	37.2	59.2
61	33.7	39.4	47.2	58.0	70.2	83.7	88.8	87.9	74.9	68.9	47.6	29.1	60.8
62	28.8	31.7	34.3	63.0	77.5	79.7	84.9	84.4	73.5	68.0	53.0	37.6	59.7
63	22.8	38.1	54.4	66.6	73.3	87.3	88.7	85.2	80.4	76.7	56.9	28.8	63.3
64	39.5	41.0	44.4	64.5	79.9	83.6	91.0	81.3	75.6	68.7	51.3	30.4	62.6
65	29.4	32.5	33.6	65.2	78.5	81.5	86.1	84.8	67.3	69.7	50.1	42.9	60.1

MONTHLY AND SEASONAL SNOWFALL (IN.)

SEASON	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	TOTAL
-01					1.2	8.0	8.0	0.5	0	17.7
01-02	0	0	0	10.0	13.0	4.0	3.0	0	0	20.0
02-03	0	0	0	15.0	0	15.0	0	1.0	0	31.0
03-04	0	0	5.5	3.7	1.6	3.0	3.0	0.5	0	17.3
04-05	0	0	0.5	4.3	10.0	8.1	3.9	0.3	0	27.1
05-06	0	1.2	1.0	0.1	5.0	10.0	5.0	0	0	22.3
06-07	0	0	1.2	5.0	5.0	9.0	0	2.0	0	22.2
07-08	0	0	0	9.0	1.0	6.8	3.0	1.0	0	20.8
08-09	0	0	0.5	1.5	3.1	15.0	7.5	8.8	0	36.4
09-10	0	0	22.5	9.7	8.5	2.5	0	3.0	0	46.2
10-11	0	0	0	1.0	1.0	8.0	1.5	4.0	1.5	17.0
11-12	0	6.0	0.2	9.5	3.0	4.0	16.0	0	0	38.7
12-13	0	0	0	3.5	1.0	7.0	6.0	18.0	0	35.5
13-14	0	1.0	1.0	0	5.5	5.0	1.0	1.0	0	14.5
14-15	0	0	0	11.2	3.2	19.0	19.2	0	0	52.6
15-16	0	0	1.0	3.2	15.0	4.5	6.5	1.0	0	31.2
16-17	0	10.0	5.0	7.5	15.0	7.0	18.4	0	0	62.9
17-18	0	1.0	3.0	11.7	13.3	9.0	4.5	0	0	42.5
18-19	0	2.0	0	0.5	4.0	15.3	6.5	4.0	0	32.3
19-20	0	0	14.0	5.1	2.7	6.3	14.2	6.5	0	48.8
20-21	0	0	0.5	14.0	3.9	5.5	0	0	0	23.9
21-22	0	0	3.7	5.5	11.8	1.0	3.2	6.0	0	31.2
22-23	0	0	2.0	3.2	8.0	0.2	11.5	0.1	0	25.0
23-24	0	5.0	0	8.0	5.4	14.4	13.0	0	0	45.8
24-25	0	0	2.3	23.9	10.8	0.4	4.0	0	0	41.4
25-26	0	5.5	2.5	4.8	9.0	0.5	1.5	0	0	23.8
26-27	0	0	1.1	4.4	0	5.0	7.3	0.9	0	18.7
27-28	0	0	1.6	4.3	0	8.0	10.0	0	0	23.9
28-29	0	0	19.5	1.5	9.1	7.7	5.0	0	0	42.8
29-30	0	0	0.9	1.6	9.0	3.5	2.0	0.5	0	17.5
30-31	0	0	0	1.5	1.0	0	4.9	0	0	07.4
31-32	0	0	8.5	0	13.1	7.0	6.8	0	0	35.4
32-33	0	0	5.0	5.0	1.2	4.0	12.5	0	0	27.7
33-34	0	0	0	1.0	3.1	1.1	9.2	0	0	14.4
34-35	0	0	0.9	6.0	5.3	5.5	10.4	0	0	28.1
35-36	0	0	4.0	5.8	9.6	13.5	7.2	1.8	0	41.9
36-37	0	0	2.8	6.5	12.0	1.5	3.1	10.0	0	35.9
37-38	0	0	3.0	2.6	5.2	10.5	0.3	7.0	0.3	28.9
38-39	0	0	3.0	1.8	3.8	17.5	9.1	0	0	35.2
39-40	0	0	0	1.5	2.5	4.4	13.8	0	0	22.2
40-41	0	0	8.3	5.0	3.5	1.9	1.3	0	0	20.0
41-42	0	0	0	7.7	3.0	10.5	2.6	0	0	23.8
42-43	0	0	2.1	1.5	4.8	0.7	12.1	0	0	21.2
43-44	0	0	4.5	0.2	3.6	7.6	8.0	0	0	23.9
44-45	0	0	1.5	1.5	6.5	10.5	4.5	4.0	0	28.5
45-46	0	0	2.0	7.5	3.0	1.0	5.0	0	0	18.5
46-47	0	0	12.0	2.1	11.5	7.5	2.4	0	4.0	39.5
47-48	0	0	6.0	4.0	2.0	8.0	3.5	0	0	23.5
48-49	0	0	11.0	16.4	3.0	0	9.0	0	0	39.4
49-50	0	0	0	1.2	6.8	8.5	9.2	0	0	25.7
50-51	0	0	0	3.3	0.8	5.8	17.4	0	0	27.3
51-52	0	0	9.0	16.5	2.9	4.0	3.9	0	0	36.3
52-53	0	0	4.0	7.8	8.9	12.5	4.0	0	0	37.2
53-54	0	0	0	2.5	0.5	13.0	5.1	0	0	21.1
54-55	0	0	4.0	0	1.1	12.0	6.5	0	0	23.6
55-56	0	0	0.6	8.5	5.9	3.6	3.3	2.0	0	23.9
56-57	0	0	3.9	4.5	4.0	3.0	8.0	6.5	0	29.9
57-58	0	0	3.0	0	6.0	2.0	6.0	0	0	17.0
58-59	0	0	1.8	3.0	3.5	8.2	9.5	2.0	0	28.0
59-60	0	0.5	13.1	6.7	6.7	4.0	12.9	0	0	43.9
60-61	0	0	0	2.9	4.0	12.5	10.6	0	0	30.0
61-62	0	0	2.8	8.9	1.6	25.5	24.8	3.4	0	67.0
62-63	0	1.0	0	4.1	9.2	2.4	2.0	0	0	18.7
63-64	0	0	0	3.1	3.0	1.0	11.0	0	0	18.1
64-65	0	0	1.2	12.2	3.5	14.2	11.3	0	1.0	43.4

TOTAL PRECIPITATION (IN.)

YR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	ANNL
01	.17	.37	.87	1.89	2.60	5.51	1.58	2.40	12.41	1.42	1.03	.94	31.19
02	.77	.55	.99	2.52	1.32	2.76	5.55	4.01	5.27	.14	.45	1.71	26.04
03	.00	1.06	2.36	2.33	9.85	3.89	5.70	5.44	2.40	1.23	.70	.37	35.33
04	.21	.20	2.00	6.53	3.28	4.09	1.97	1.91	.55	6.67	.12	.30	27.83
05	.85	.57	1.97	1.30	9.51	4.28	2.67	2.20	4.80	2.43	3.11	.01	33.70
06	.42	1.00	.64	1.99	4.51	2.62	2.11	8.46	4.03	2.52	.12	.87	29.29
07	.50	.90	.00	.20	2.00	3.23	9.63	7.65	5.12	.18	.25	.95	30.61
08	.10	1.35	.88	3.65	4.00	6.68	6.88	1.27	1.77	2.98	.92	1.10	31.58
09	.75	2.08	1.05	3.51	5.38	6.90	7.15	5.17	3.93	2.51	4.53	1.92	44.88
10	.96	.25	.08	.90	2.41	1.94	3.26	4.81	3.07	1.57	.05	.08	19.38
11	.16	1.30	.24	2.21	1.35	4.16	2.03	3.19	1.51	4.69	.02	1.22	22.08
12	.30	.55	2.66	2.18	1.34	1.72	3.15	3.47	2.34	1.03	.27	.35	19.36
13	.10	1.02	1.24	7.70	4.78	2.03	1.32	1.03	.93	3.14	.58	.31	24.18
14	.36	.43	.50	1.04	3.41	7.83	4.63	1.83	6.50	.50	.00	1.02	28.05
15	.32	1.90	1.92	2.37	5.18	4.77	8.02	.51	3.76	1.24	1.03	.32	31.34
16	1.65	.45	.86	3.06	4.47	3.46	4.11	1.25	3.02	1.07	.84	.75	24.99
17	1.50	.70	1.84	3.08	3.51	4.94	1.99	1.99	1.32	.27	1.00	1.17	23.31
18	1.33	.97	1.19	1.50	7.20	4.13	2.16	4.26	1.34	2.49	2.55	1.45	30.57
19	.40	2.75	1.23	3.51	2.28	3.95	2.89	1.09	3.37	1.31	3.38	.58	26.74
20	.27	.63	4.45	5.55	5.76	4.17	1.89	2.58	2.33	1.75	2.11	.88	32.37
21	.33	.49	.78	1.36	7.01	2.19	2.95	3.41	2.08	.86	.44	.65	22.55
22	.85	.69	.99	3.81	2.58	3.55	3.87	1.01	.79	1.14	3.75	.18	23.41
23	.40	.06	1.06	3.45	2.89	5.91	2.15	8.85	5.20	.57	.24	.88	31.66
24	.38	1.38	2.22	1.70	1.70	5.00	1.20	3.25	1.68	.90	.31	1.84	21.56
25	.76	.18	.45	2.76	.65	3.32	1.21	.38	2.45	.98	.55	.50	14.19
26	1.42	.09	.47	.26	2.47	2.32	3.82	4.41	7.03	1.24	2.22	.80	26.55
27	.01	1.02	2.32	6.30	5.18	3.77	.64	2.77	.96	.63	.63	.35	24.58
28	.00	2.00	1.76	.22	4.53	3.59	3.47	1.77	1.59	5.42	2.35	.17	26.87
29	.56	.78	1.22	4.15	2.63	3.11	2.73	1.68	2.93	1.58	.36	.16	21.89
30	.90	.30	.10	2.30	5.79	3.82	.02	3.31	2.01	1.10	2.59	.15	22.39
31	.10	.06	.83	2.02	1.58	1.90	1.12	.66	1.96	.99	2.92	1.20	15.34
32	1.01	.66	.85	1.12	4.89	2.72	1.47	2.01	2.05	1.04	.50	.29	18.61
33	.12	.30	2.89	.83	2.60	.90	4.54	2.74	2.37	.02	.08	.69	18.08
34	.32	.10	1.03	1.58	1.10	7.87	2.14	1.22	4.64	.48	1.01	.37	21.86
35	.73	.95	.54	3.92	2.12	3.32	5.18	3.17	.89	.46	1.33	.92	23.53
36	.69	.87	.84	.69	2.59	1.90	.23	2.42	6.06	.42	.64	.58	17.93
37	.90	.16	1.84	4.00	2.68	3.81	.88	9.90	.97	3.15	.27	.22	28.78
38	.36	.99	1.04	2.33	3.82	4.19	5.63	.79	7.33	.03	1.87	.34	28.72
39	.44	.74	1.01	1.29	1.33	2.99	2.97	2.44	.47	.43	.05	.18	14.34
40	.19	.70	1.72	3.82	.26	6.42	3.12	2.31	.19	2.26	1.52	.68	23.19
41	.77	.35	.67	4.45	2.18	4.38	2.25	1.03	5.40	3.12	.60	.51	25.71
42	.09	.79	2.41	.24	3.96	4.63	2.04	1.97	3.04	.54	.42	.35	20.48
43	.22	1.64	.78	1.48	3.59	6.75	3.02	1.58	1.87	2.21	.37	.02	23.53
44	1.30	1.11	.81	3.99	5.51	6.29	6.19	6.98	3.83	.42	1.23	.15	37.81
45	.58	.97	.66	2.04	4.58	3.62	1.82	5.01	1.40	.02	.44	1.59	22.73
46	.30	.51	1.30	.91	5.78	3.27	.66	1.83	3.39	3.35	2.50	.29	24.09
47	.87	.30	.38	2.90	2.82	5.00	1.13	1.54	1.68	3.45	2.02	.70	22.79
48	.13	1.42	.30	2.43	2.13	6.08	4.59	2.16	.78	2.47	2.64	1.04	26.17
49	1.50	.00	3.42	.87	4.04	2.28	3.54	4.31	7.38	1.39	.09	.42	29.24
50	.54	.87	1.11	.93	3.84	2.61	5.30	1.38	3.83	1.07	.40	.21	22.09
51	.08	2.45	2.28	4.78	4.65	7.22	2.42	8.19	3.04	1.97	.57	.96	38.61
52	.32	.53	.69	1.39	3.65	2.76	5.90	5.11	.36	.00	.31	.81	21.83
53	.81	1.55	1.43	4.55	3.65	4.83	5.03	7.50	1.36	.63	1.66	1.62	34.62
54	.04	2.01	1.22	2.97	2.91	7.03	2.78	1.93	2.27	1.88	.43	.11	25.58
55	.13	.75	.50	1.10	1.10	5.67	4.93	.46	.68	.69	.07	.72	16.80
56	.46	.19	.30	1.74	1.93	1.45	2.33	2.27	.75	.52	.65	.17	12.76
57	.26	.51	1.36	1.35	4.17	2.37	4.29	1.62	3.14	1.67	1.49	.00	22.23
58	.22	2.13	.52	3.15	1.85	1.09	4.47	.19	.88	.00	.94	.07	15.51
59	.27	.84	1.02	1.33	7.87	2.73	1.32	3.15	1.63	2.60	2.02	1.44	26.22
60	.29	.10	1.09	3.54	7.38	1.84	1.36	5.77	2.79	.73	1.04	.42	26.35
61	.17	.88	.88	.87	3.93	3.04	1.17	3.85	2.05	1.43	.90	.94	20.11
62	.14	1.09	3.01	1.90	5.77	5.51	4.45	2.93	2.95	.66	.12	.13	28.66
63	.88	.25	.78	1.65	1.96	4.49	2.74	2.43	2.52	.47	.08	.51	18.76
64	.16	.11	1.51	3.74	3.46	3.68	4.63	3.96	2.80	.07	.14	.67	24.93
65	.12	1.45	1.36	2.03	7.13	6.33	7.48	4.57	6.03	.62	.50	.20	37.82