M82.2/73
U587cl

CLIMATOLOGICAL SUMMARY

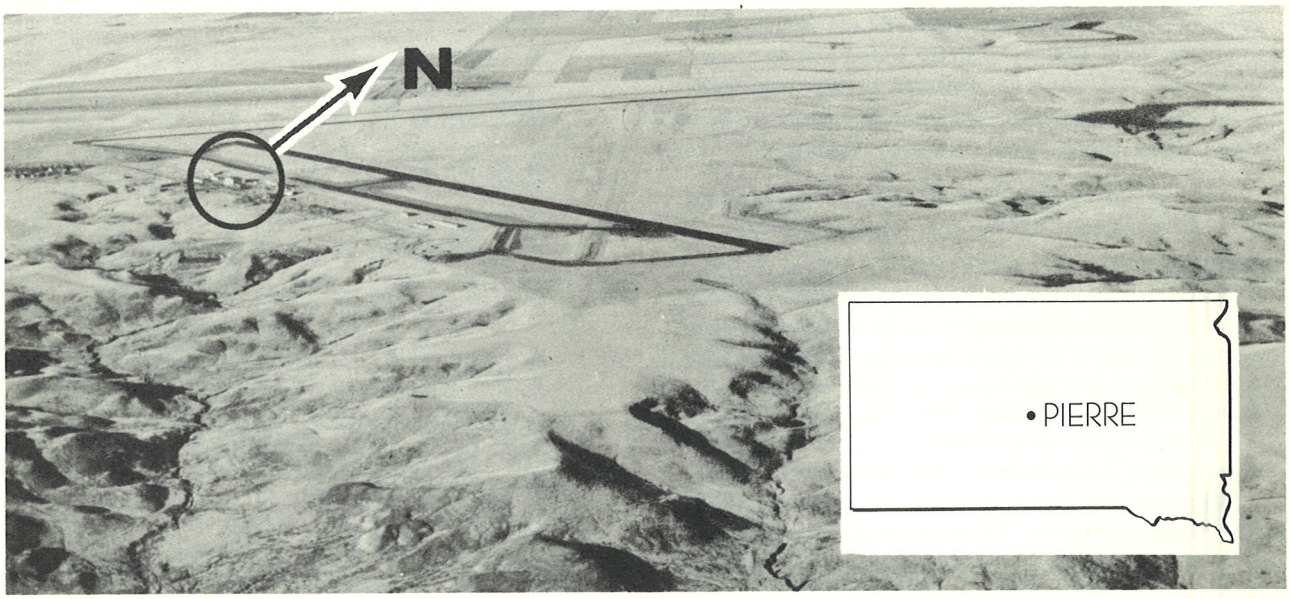
Climatography of the U. S. No. 20-39

No. 5

PIERRE
South Dakota

U.S. Weather Bureau

LATITUDE 44° 23′ N LONGITUDE 100° 17′ W ELEVATION 1,734 FT.



STATION HISTORY

The first official weather observations in Pierre were made July 1, 1891. All the daily records for the first 1 1/2 years were not available, therefore this summary uses records starting from 1893. The summarized records extend through 1965.

Instruments throughout the period consisted of: maximum and minimum temperature and standard rain gage. Data from these instruments are included in this summary. In addition an anemometer, barometer, and psychrometer were in use from 1891 to present with a ceiling light in use from 1938 to present. Although data from the last group of instruments are not included in this summary, these data may be obtained from the National Weather Records Center, Asheville, North Carolina, directly or through the State Climatologist.

ATMOSPHERIC SCIENCES LIBRARY
JUN 22 1967
E. S. S. A.

DETAILED STATION HISTORY

Date			Location	Elevation (Ft)	Observer
1891	-	1921	Downtown Pierre	Unknown	Unknown
Jan. 1922	-	Jan. 1925	Downtown Pierre	1482	H. T. Callman
Feb. 1925	-	Sept. 1929	Downtown Pierre	1482	Elbert A. Owen
Oct. 1929	-	7/23/33	Downtown Pierre	1482	W. J. Center
7/24/33	-	9/30/41	2 blocks NE of P.O.	1482	Mrs. Ida A. McNeil
10/1/41	-	12/31/58	4 miles E of P.O.		U. S. Civil Aeronautics Administration (CAA)
1/1/59	-	Date	4 miles E of P.O.		U. S. Federal Aviation Agency (FAA)

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—2-67—5424

141 051

STATION SUMMARY

Pierre, the state capital, is located in west central Hughes County on the Missouri River in central South Dakota. The climate is continental type and may be considered homogenous over the county.

The topography surrounding Pierre is rolling to steep near the Missouri River and becomes rolling to flat to the northeast and southwest. The recently formed Oahe Reservoir starts about 6 miles north of Pierre and extends northward into North Dakota, with the widest portion about 5 miles. The reservoir is not expected to have any significant effect on the climate at Pierre, but it may have some effect on the climate in its immediate vicinity.

Livestock grazing is the main source of income in the area, although some wheat, oats, and corn is raised.

TEMPERATURE: The temperature has a large variation from winter to summer at Pierre and occasionally from day to day. Temperatures usually rise to above 100 degrees in summer and drop to 20 degrees below zero or lower in winter. Readings reach 100 degrees or higher on the average about four times a year in July, three times a year in August, and about twice in 3 years in June and September. Twenty degrees below zero or lower may be expected on the average a little more than once a year with January the month of most likely occurrence. The temperature drops to zero or below on the average 25 days per year and fails to climb above zero during the day on the average about twice a year.

The average date for last frost in spring is May 5 and first frost in fall is October 6.

PRECIPITATION: The average annual precipitation for Pierre is 16.50 inches, of which 12.53 inches or 76% falls during the growing season (April-September). Thunderstorms are the main source of rain during the growing season and produce a wide range of intensities and amounts. About once a year 1 inch or more of rain in 1 hour may be expected, and about once in 10 years 2 inches or more. A 24-hour rain of 2 inches or more may be expected about once in 2 years and 3 inches or more about once in 5 years.

Snowfall averages about 31 inches each season, but as much as 82 inches fell in the 1951-52 season and as little as 13 inches fell in the 1938-39 season. Snow cover of 1 inch or more averages about 53 days per year. Strong winds often accompany snowfall, causing large drifts in sheltered areas, while open fields may remain bare.

Hail may occur on the average about twice a year; however, it may fall several times in one year while in some years none will fall. Hail occurs most frequently in May, June, and July, but it has occurred as early as March and as late as November.

OTHER CONSIDERATIONS: Winds average about 10 to 11 MPH with prevailing direction from the south during summer months and from the northwest during winter months. Strong winds of 50MPH or more may occur during any month of the year, but they are most likely to occur with summertime thunderstorms. During other times of the year strong winds may accompany the passage of a cold front.

AVERAGE TEMPERATURE, 1893-1965 (°F.)

YR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	ANNL
93	15.5	13.4	25.6	42.1	54.7	72.7	76.0	73.5	65.2	48.5	32.7	20.2	45.0
94	10.9	16.7	34.1	49.9	61.4	72.7	78.9	76.2	64.4	50.5	34.2	26.6	48.0
95	8.6	17.3	34.0	54.9	59.6	65.8	73.3	73.2	65.6	48.3	30.5	26.4	46.5
96	18.4	27.7	24.4	47.9	63.6	70.6	73.4	73.5	59.5	46.4	14.9	29.4	45.8
97	14.5	14.8	23.5	46.9	60.8	67.2	75.5	70.0	71.6	53.0	29.7	20.5	45.7
98	25.9	28.1	30.2	47.8	56.4	70.3	75.9	74.3	64.6	45.9	29.2	22.1	47.6
99	18.5	7.1	15.4	45.1	56.3	68.1	75.8	74.1	63.1	48.6	41.8	20.2	44.5
00	26.8	16.2	32.5	53.6	65.9	72.6	74.3	78.5	62.1	54.5	31.0	29.6	49.8
01	24.5	17.8	34.4	51.3	64.7	69.0	82.4	75.1	60.2	54.4	36.2	22.2	49.4
02	23.1	18.8	34.9	46.6	63.4	65.2	75.0	70.5	60.3	51.2	36.0	15.4	46.7
03	19.3	13.6	31.8	48.5	60.1	67.9	73.7	70.9	58.4	53.9	32.1	20.4	45.9
04	16.0	11.2	32.6	44.9	59.6	67.4	73.1	73.6	63.6	55.0	40.5	21.5	46.6
05	11.1	14.3	41.0	46.4	54.8	65.8	71.4	74.5	66.8	45.2	39.8	25.9	46.4
06	21.2	23.7	24.7	52.5	58.8	66.4	73.8	72.1	66.4	50.7	33.7	19.1	46.9
07	5.9	23.1	39.6	39.9	50.4	66.5	72.3	73.6	59.3	51.1	36.7	28.6	45.6
08	26.6	24.1	33.0	50.7	56.2	66.0	75.1	71.0	69.4	49.7	37.5	23.5	48.6
09	15.7	21.8	33.7	41.6	56.5	69.6	74.9	78.3	64.6	50.6	35.0	11.9	46.2
10	16.0	11.7	49.3	53.5	55.1	71.1	76.5	71.2	63.0	55.6	31.8	22.7	48.1
11	18.1	21.2	41.9	47.0	61.9	76.5	72.9	69.4	63.2	46.7	26.3	22.6	47.3
12	6.9	22.2	24.7	50.8	59.4	68.4	74.5	71.0	57.2	51.2	40.5	29.4	46.4
13	18.4	18.5	26.9	50.8	56.1	73.4	74.7	76.7	64.9	46.0	40.5	28.6	48.0
14	25.4	10.3	32.2	47.4	58.9	68.7	78.7	71.9	65.9	53.9	41.2	15.1	47.5
15	15.5	23.4	20.8	54.7	53.4	63.1	67.4	67.9	61.1	53.8	38.2	25.8	45.4
16	2.4	19.1	34.5	44.6	56.8	63.5	80.0	71.5	62.1	47.7	35.4	12.4	44.2
17	14.7	10.3	29.5	42.5	54.7	65.3	78.2	70.9	62.6	42.8	43.4	13.0	44.0
18	8.0	20.1	42.6	45.1	59.2	71.6	73.1	74.2	58.9	53.3	36.0	25.4	47.3
19	29.6	13.9	29.4	46.2	58.4	71.0	76.8	75.0	66.3	40.7	25.2	18.5	45.9
20	18.9	26.0	31.9	38.0	56.8	66.5	73.1	70.7	64.4	55.2	32.1	24.8	46.5
21	27.8	32.3	38.0	48.1	58.2	75.9	77.2	73.9	63.3	52.9	29.3	25.8	50.2
22	13.6	9.7	33.8	49.1	60.3	70.5	71.9	76.5	67.6	52.1	36.7	16.4	46.5
23	24.8	18.6	29.3	46.9	58.5	68.7	76.9	69.7	64.4	49.3	42.5	29.6	48.3
24	11.7	26.3	29.1	46.9	53.2	64.1	71.5	72.3	61.8	57.1	37.4	12.5	45.3
25	15.5	28.1	38.5	55.1	59.0	67.5	73.8	76.2	65.5	38.8	36.1	22.3	48.0
26	19.9	31.7	34.5	49.0	64.1	67.6	74.9	73.8	59.5	51.3	29.7	22.3	48.2
27	20.6	27.1	36.9	46.1	54.7	66.4	72.3	70.3	64.2	54.2	29.2	3.9	45.5
28	22.6	27.8	37.9	43.2	62.9	63.7	74.8	74.1	60.6	50.5	36.1	28.3	48.5
29	5.5	11.9	38.5	47.6	56.5	67.4	78.5	77.4	58.1	51.6	31.4	22.3	45.6
30	7.9	34.9	32.9	52.6	56.2	69.1	81.2	75.4	63.9	47.8	36.1	28.8	48.9
31	30.6	35.7	32.5	49.8	57.2	76.8	79.6	75.1	70.2	53.6	35.3	24.7	51.8
32	14.6	22.7	26.3	51.6	61.6	71.1	78.0	75.6	64.2	45.5	36.3	19.3	47.2
33	28.2	19.7	36.2	47.5	57.5	79.9	80.1	72.8	68.0	51.5	39.5	23.5	50.4
34	28.6	29.8	34.1	50.6	70.8	73.1	79.8	75.6	59.6	55.8	41.2	23.7	51.9
35	18.9	34.4	38.9	43.0	53.6	67.6	84.3	76.9	66.8	50.4	30.9	25.0	49.2
36	6.1	-2.1	36.1	44.4	66.6	75.8	87.6	79.6	68.6	50.9	35.4	25.3	48.2
37	1.9	18.8	33.8	47.9	62.7	68.7	80.4	82.9	68.9	52.3	34.4	22.2	47.9
38	21.0	18.9	40.5	50.3	58.1	71.5	78.5	79.6	68.2	59.1	33.6	29.3	50.7
39	29.6	13.0	36.5	49.4	67.8	68.8	80.8	75.7	69.1	51.9	42.0	34.1	51.6
40	8.0	22.9	31.6	46.4	60.2	70.4	81.1	75.0	70.1	57.8	29.4	27.0	48.3
41	18.4	22.0	31.5	50.9	65.1	68.9	78.2	76.9	63.9	49.6	36.3	29.1	49.2
42	24.4	20.6	33.7	50.7	52.7	65.0	71.9	72.9	58.2	51.3	34.3	20.0	46.3
43	7.1	26.3	26.5	51.1	54.8	67.5	78.3	75.7	61.7	52.7	33.3	25.1	46.7
44	25.9	15.3	23.8	43.1	63.7	66.2	73.0	72.5	61.7	52.1	32.4	22.2	46.0
45	22.6	23.7	38.8	43.7	52.6	60.1	74.2	71.5	59.6	50.7	32.3	15.6	45.5
46	22.2	23.8	43.1	53.9	53.3	68.0	75.7	69.0	60.5	44.7	32.0	24.2	47.5
47	23.8	15.6	28.4	43.0	55.0	64.2	75.1	79.2	63.2	56.2	26.1	22.6	46.0
48	15.8	14.1	26.8	51.6	58.6	65.9	75.7	74.4	68.5	49.9	33.8	19.7	46.2
49	6.2	11.1	29.8	50.5	60.6	69.2	77.0	76.4	59.4	48.4	43.1	17.4	45.8
50	0.9	15.3	22.2	38.5	53.6	68.2	70.4	69.8	61.5	53.6	29.8	19.3	41.9
51	15.5	24.9	18.4	43.2	58.7	60.8	72.3	70.6	57.0	46.4	30.1	10.0	42.3
52	9.1	22.5	21.7	48.8	58.3	71.7	75.3	73.3	67.4	47.9	34.0	23.7	46.1
53	20.9	23.3	32.4	40.4	55.3	69.1	73.5	74.0	63.7	56.3	38.3	26.0	47.8
54	12.3	38.6	27.1	46.2	54.6	65.7	78.1	74.1	62.8	47.1	41.1	26.3	47.8
55	22.3	13.9	29.2	54.0	63.5	65.3	79.0	77.9	63.5	51.9	22.4	10.3	46.1
56	11.9	14.4	29.9	40.0	58.8	75.1	72.9	70.9	61.5	53.9	33.5	25.3	45.1
57	8.7	22.7	31.6	43.2	54.8	65.9	76.7	73.1	60.0	49.0	33.8	30.3	45.8
58	24.3	16.6	28.0	45.3	61.5	64.5	70.6	76.6	65.4	51.6	35.6	19.5	46.6
59	11.5	19.1	37.0	46.5	56.2	73.1	76.3	77.3	61.1	44.2	26.0	30.4	46.2
60	15.4	13.5	19.7	47.1	58.1	66.3	77.6	74.1	64.2	52.3	34.8	19.5	45.2
61	20.1	28.0	38.1	42.0	55.2	71.1	73.5	77.6	58.4	51.4	34.2	18.0	47.3
62	15.0	17.4	22.8	48.3	60.1	66.8	71.5	73.7	61.3	53.4	40.2	25.2	46.3
63	9.5	24.6	40.7	46.6	58.4	71.5	77.0	75.7	66.0	58.8	38.5	18.1	48.8
64	25.0	27.9	28.2	47.2	60.7	68.3	78.5	71.8	61.7	51.9	30.9	12.1	47.0
65	10.4	18.2	20.2	45.2	56.3	66.3	74.5	72.3	51.1	54.4	34.8	30.9	44.6

It is possible for a tornado to touch down in or near Pierre, but chances are rare.

The Pierre area receives about 68% of possible sunshine. July has the greatest percentage of sunshine with about 77% possible. The lowest percentage of sunshine occurs in December when it is about 50% possible.

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 52 inches of which 42 inches, or 80%, evaporates from May through October. The pan evaporation represents a maximum or potential evaporation. Average annual lake evaporation is about 37 inches. The actual water loss from soil is usually less, since the soil moisture is often limiting.

Relative humidity averages from about 66% in afternoon to about 80% during early morning in winter and from about 45% in afternoon to about 84% in early morning during summer.

PROBABILITY DATE OF LAST TEMPERATURE OCCURRENCE IN SPRING, 1893-1965 (°F.)

PERCENT CHANCE OF LATER DATE	TEMPERATURE LEVELS 16	20	24	28	32	36
90	MAR. 2	MAR. 10	MAR. 13	MAR. 27	APR. 10	APR. 21
70	MAR. 7	MAR. 14	MAR. 19	APR. 1	APR. 14	APR. 25
50	MAR. 26	APR. 4	APR. 14	APR. 22	MAY 5	MAY 13
30	APR. 14	APR. 23	MAY 8	MAY 13	MAY 24	MAY 30
10	APR. 18	APR. 28	MAY 14	MAY 18	MAY 29	JUNE 4

PROBABILITY DATE OF FIRST TEMPERATURE OCCURRENCE IN FALL, 1893-1965 (°F.)

PERCENT CHANCE OF EARLIER DATE	TEMPERATURE LEVELS 16	20	24	28	32	36
10	OCT. 14	OCT. 9	SEP. 29	SEP. 20	SEP. 10	SEP. 3
30	OCT. 19	OCT. 13	OCT. 4	SEP. 25	SEP. 15	SEP. 7
50	NOV. 10	NOV. 2	OCT. 25	OCT. 15	OCT. 6	SEP. 26
70	NOV. 30	NOV. 21	NOV. 14	NOV. 4	OCT. 25	OCT. 14
90	DEC. 5	NOV. 25	NOV. 19	NOV. 8	OCT. 30	OCT. 18

MEANS AND EXTREMES,* 1893-1965

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	32° & below	Min. 32° & below	0° & below
Jan.	27.0	6.7	16.8	66	31	29	-36	12	12	1455	0	17	30	10
Feb.	30.6	9.8	20.2	75	30	18	-40	05	02	1241	0	14	27	7
Mar.	42.3	21.1	31.7	90	10	22	-18	60	04	1027	0	8	26	2
Apr.	59.3	35.4	47.3	94	62	25	01	36	03	531	0	0	11	0
May	70.4	46.6	58.5	105	34	28	20	09	01	240	1	0	1	0
June	80.3	57.0	68.6	110	31	28	35	46	02	51	6	0	0	0
July	88.8	63.0	75.9	115	40	23	42	59	01	3	14	0	0	0
Aug.	87.2	60.8	74.0	114	37	14	39	64	12	11	13	0	0	0
Sept.	76.4	50.1	63.2	108	31	09	19	26	25	146	4	0	0	0
Oct.	63.8	38.0	50.9	97	22	03	-04	25	29	442	0	0	8	0
Nov.	45.1	23.5	34.3	81	31	08	-18	59	14	917	0	5	24	0
Dec.	31.9	12.6	22.2	76	41	03	-27	17	29	1306	0	14	29	6
Annual	58.6	35.4	46.9	115	JULY 40	23	-40	FEB 05	02	7370	38	58	156	25

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.	.45	1.66	97	1.02	39	09	5.4	25.4	49	9.7	49	03	5	1	0	
Feb.	.55	2.66	52	1.28	52	19	6.4	27.4	52	14.0	52	19	5	2	0	
Mar.	.98	2.63	50	1.65	37	24	7.3	18.9	31	13.5	37	24	6	3	0	
Apr	1.71	5.93	64	2.28	29	24	2.6	14.4	57	11.6	57	04	7	4	1	
May	2.60	6.47	62	2.46	49	31	0.1	6.5	50	6.5	50	05	9	5	2	1
June	2.93	7.25	54	3.32	95	03	0.0	0.0		0.0			10	6	2	
July	2.16	6.12	15	2.89	97	19	0.0	0.0		0.0			8	5	1	
Aug.	2.00	5.43	51	3.52	53	02	0.0	0.0		0.0			7	4	1	
Sept.	1.19	3.71	59	1.55	61	19	0.0	0.2	34	0.2	34	25	5	3	1	
Oct.	.95	3.58	49	2.14	26	03	0.8	10.2	29	7.0	43	30	4	2	1	
Nov	.50	3.16	22	1.77	56	02	3.5	20.1	96	8.9	30	20	4	1	0	
Dec.	.47	2.91	51	1.15	02	20	4.9	31.3	51	10.0	02	20	5	1	0	
Annual	16.49	JUNE 7.25	54	3.52	AUG 53	02	31.0	DEC 31.3	51	14.0	FEB 52	19	75	37	9	1

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

DAILY EXTREME VALUES BY MONTH AND DAILY MEAN TEMPERATURE, 1893-1965

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

JANUARY DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
01	59	55	-20	19	.22	93	3.7	07	18.2
02	62	62	-24	12	.46	26	9.7	49	16.0
03	60	35	-24	50	.29	49	6.4	49	17.1
04	53	98	-29	24	.14	37	3.5	37	18.2
05	52	96	-20	42	.14*	95	1.5	95	16.5
06	58	02	-28	12	.11	06	6.7	26	19.2
07	61	58	-18	94	.14	38	1.7	38	19.3
08	60	96	-24	94	1.02	39	1.5	39	20.2
09	59	96	-21	18	.14*	49	3.5	49	19.2
10	54	42	-26	12	.28	96	3.8	96	20.2
11	62	53	-36	12	.44	10	6.5	10	18.2
12	60	00	-35	16	.12	93	2.4	07	17.6
13	58	01	-23	16	.24	53	2.5	53	18.4
14	59	21	-16	53	.60*	53	6.0	53	18.4
15	59	42	-21*	50	.80*	97	8.0	97	17.0
16	57	23	-24	30	.29	36	3.5	36	15.8
17	58	19	-22*	43	.27	26	3.6	26	17.1
18	61	21	-22	43	.41	26	6.2	26	18.8
19	62	34	-25	54	.24	06	4.9	17	19.1
20	65	64	-26	54	.59*	52	6.0	52	16.8
21	59	00	-28	27	.30	52	3.0	52	16.7
22	64	34	-20	52	.31	97	3.3	97	16.0
23	57	47	-28*	94	.30	56	3.1	56	16.1
24	57	13	-26	29	.38	25	5.6	18	15.3
25	59	31	-25	50	.21	16	2.1	16	13.1
26	61	34	-23	48	.95	44	2.5	44	12.3
27	63	11	-24	51	.18	16	5.4	47	14.5
28	66	31	-25	51	.12*	22	1.8	22	16.2
29	60	34	-28*	18	.33	15	4.1	17	14.5
30	58	11	-23	17	.29	15	3.2	15	14.1
31	65	34	-28	17	.42	39	5.5	39	15.6

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE

FEBRUARY DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
01	65	34	-28	17	.42	39	5.5	39	15.1
02	60	31	-40	05	.40	19	6.0	19	16.2
03	66	62	-24	99	.34*	60	3.4	60	17.3
04	62	63	-23	99	.25	15	2.5	15	17.6
05	58	30	-25	36	.36	11	4.5	44	18.1
06	64	98	-27	05	.12	33	2.4	48	17.5
07	60	63	-27	95	.18	37	2.0	37	17.0
08	68	54	-30	99	.28	09	5.0	09	17.2
09	62	54	-35	99	.45	60	4.5	60	16.3
10	73	51	-21	36	.54	44	5.4	44	18.6
11	66	28	-33	99	.29	50	2.9	50	20.1
12	65	21	-39	99	.65	15	6.5	15	19.8
13	66	34	-22	05	.45*	52	5.5	52	19.6
14	72	54	-24	36	.46	18	8.9	18	19.4
15	66	21	-24	36	.26	38	5.5	38	19.8
16	62	13	-32	36	.28	56	3.5	38	22.2
17	67	13	-23	56	.41	62	5.3	62	23.3
18	75	30	-22	38	.48	52	4.8	52	21.7
19	65*	65	-22	29	1.28	52	14.0	52	21.7
20	69	30	-22	18	.50	62	7.7	19	21.3
21	66	61	-19	18	.33	57	3.3	57	21.2
22	65	61	-18	62	.43	14	10.8	42	22.5
23	61	58	-22	14	.15	40	5.2	42	23.5
24	59	18	-22	55	.41	30	1.9	50	22.9
25	72	58	-18	19	.28	04	2.9	04	23.7
26	64	38	-15*	34	.31	15	3.5	15	23.7
27	70	95	-13	22	1.02	58	10.2	58	25.2
28	66	05	-24	62	.48	30	7.2	30	25.7
29	57	40	-07*	60	.16	24	1.2	96	22.5

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE

MARCH DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
01	74	05	-13	50	.37	51	4.7	51	26.9
02	74	05	-11	60	.51	20	5.9	20	26.6
03	66	21	-18*	60	.84*	33	4.2	33	26.2
04	76	37	-11	62	.30	33	2.6	96	24.8
05	71	37	-10	43	.70	08	8.0	08	24.9
06	68	11	-15	20	.18	95	1.7	48	24.9
07	71	00	-14	51	.19	60	1.9	60	27.1
08	70	36	-06*	48	.48	18	7.2	18	29.8
09	74	00	-13	48	.32	56	3.2	56	29.8
10	75	00	-16	48	.45	99	4.8	99	30.6
11	73	34	-15	56	1.06*	54	10.2	54	30.5
12	73	14	-15	60	.86	18	8.5	18	30.4
13	79	35	-15	97	1.16	53	5.3	13	28.9
14	67	10	-14	97	.48	43	5.0	43	28.4
15	73	94	-12	06	.78	46	3.0	17	28.3
16	75	38	-04	23	.36*	33	3.0	46	31.0
17	85	21	-11	23	.64	20	6.0	20	33.3
18	74	11	-03*	65	.33	03	3.5	03	33.4
19	83	07	-08	65	.47	32	4.7	32	33.1
20	85	10	-09	65	.66	94	7.0	94	34.4
21	90	10	-09	99	.45	36	8.0	36	35.1
22	84	39	-09	99	1.30	31	9.9	31	36.9
23	84	39	-05	65	1.65	37	13.5	37	37.0
24	82	39	-12	93	.67	42	3.0	42	36.6
25	75	05	-03	94	1.18	50	5.4	31	35.6
26	84	46	-03	64	.34	28	3.4	28	34.0
27	87	46	-03	99	1.17	05	7.3	24	34.8
28	80	43	04	54	.90*	10	5.5	34	36.3
29	86	43	-07	65	.31	03	1.5	36	37.4
30	86	46	00	24	1.38	95	9.0	95	38.4
31	81	28	05*	99	1.29	97	3.9	60	39.5

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE

APRIL DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
01	84	21	05	36	.73	05	2.5	99	40.0
02	84	21	01	36	.97	97	6.0	46	39.4
03	86	21	09	20	1.16	57	11.6	57	41.8
04	79	32	14*	26	1.18	38	8.0	38	42.7
05	85	59	13	98	.65	35	5.5	35	42.6
06	83	31	08	36	1.08	19	6.3	19	43.2
07	87	30	12	28	.25	53	1.0	13	42.1
08	86	30	16	28	.78	49	4.0	13	43.3
09	84	10	18	21	.86	35	6.0	29	45.1
10	85	31	14	39	.32	01	1.2	61	45.7
11	84	08	12	57	.85*	27	0.0		45.2
12	90	08	16	50	.96	41	5.2	06	46.2
13	90	42	15	28	.91	19	0.7	05	47.1
14	92	98	20	62	.91*	18	1.0	44	48.6
15	91	58	14	04	.86	17	8.6	17	47.7
16	87	48	17	53	1.24	30	2.5	96	47.7
17	91	23	16	53	.78	41	0.3	07	48.5
18	88	61	20*	28	1.12	20	7.9	20	48.9
19	94	10	22	27	.42*	51	3.8	51	49.7
20	85	08	20	27	.57	46	0.0		50.7
21	85	48	21*	54	.98	02	6.5	02	50.4
22	88	24	20	56	.81	15	0.9	23	52.4
23	93	62	23	19	2.28	29	1.0	07	52.3
24	94	62	24	50	.73	35	0.0		50.4
25	90	01	18	50	1.16	15	2.3	24	50.3
26	92	10	21	50	2.13	64	4.0	18	51.5
27	91	10	21	58	2.00	64	1.5	03	51.2
28	92	26	18	58	1.51	96	1.6	50	52.8
29	94	01	23	03	1.87	42	0.5	56	52.4
30	98	59	20	09	.70	42	0.2	16	52.8

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE

MAY DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
01	92	55	26	54	1.36	46	0.6	54	54.6
02	90	52	22	54	1.76	64	0.0		54.4
03	97	26	24	54	1.30	93	0.6	07	54.1
04	92	39	22*	44	1.67	32	6.5	50	54.5
05	90	16	25	31	.79	32	0.0		54.5
06	95	28	23	43	.75	33	1.5	07	54.6
07	103	34	25	45	2.09	27	0.0		55.2
08	96	11	29	54	1.11	48	0.0		55.4
09	96	00	25	45	.79	22	0.0		55.6
10	98	00	25	46	1.09	30	0.0		55.7
11	92	15	22	43	.99	42	0.0		56.8
12	99	41	24	53	1.14	58	0.0		57.2
13	93	94	29	07	2.16	16	0.8	16	56.8
14	97	31	29*	59	1.13	65	0.0		57.7
15	98	34	31	29	2.03*	62	0.0		58.0
16	103	34	32	30	1.14	98	0.0		59.2
17	103	34	30	15	1.96	60	0.0		60.6
18	96	48	30	95	1.32	13	0.0		60.0
19	94	34	31*	95	1.37	17	0.0		58.9
20	97	25	25	31	1.21	99	0.0		59.2
21	92	64	34	31	1.45	14	0.0		60.3
22	101	26	34	41	.87	36	0.0		61.3
23	101	26	31	24	1.70	44	0.0		61.7
24	95	41	36	24	1.34	07	0.0		62.6
25	94	31	36*	47	1.81	55	0.0		62.8
26	98	34	35	65	1.04	56	0.0		61.3
27	105	34	32	47	.87	26	0.0		61.0
28	101	34	24	47	2.36	41	0.0		62.2
29	103	34	32	47	1.16	37	0.0		63.6
30	95	40	39*	46	2.46	49	0.0		63.6
31	100	40	38	46	.95	55	0.0		63.9

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE

JUNE DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
01	95	40	35	46	2.03	54	0.0		63.0
02	97	05	38	51	3.32*	95	0.0		63.8
03	94	39	38	54	1.65	19	0.0		63.8
04	98	39	39*	07	1.24	20	0.0		64.7
05	103	50	35	44	1.31	96	0.0		65.0
06	98	59	39	15	1.40*	22	0.0		64.6
07	98	20	39	37	.96	23	0.0		64.6
08	100	02	41	65	1.31	60	0.0		65.1
09	101	33	43*	47	2.45*	54	0.0		66.1
10	103	93	40	47	1.46	43	0.0		66.4
11	104	56	44	39	1.29	15	0.0		66.7
12	101	36	41	42	.73	61	0.0		68.1
13	101	59	46	45	2.52*	23	0.0		68.8
14	109	36	46	17	1.94	62	0.0		69.2
15	102	40	41	45	.72	32	0.0		69.7
16	104	31	46	45	1.11	24	0.0		69.8
17	104	33	45	45	1.22	59	0.0		69.9
18	103	33	44	48	1.33*	38	0.0		70.4
19	101	10	47	51	.97*	48	0.0		70.3
20	102	11	38	02	.64	03	0.0		69.9
21	104	37	42	42	.79	64	0.0		70.5
22	106	37	41	42	1.01	51	0.0		71.1
23	104	36	42	58	1.23	10	0.0		72.2
24	107	36	39	58	1.09	02	0.0		71.3
25	106	33	45	58	1.50	43	0.0		71.5
26	108	31	46	98	1.12	55	0.0		71.9
27	110	31	42	51	.62	27	0.0		72.6
28	106	31	45	51	.49	47	0.0		73.2
29	102	21	47*	45	1.16	62	0.0		73.7
30	102	21	42	59	1.44	26	0.0		73.5

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE

JULY DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
01	105	36	44	45	2.10	21	0.0		73.4
02	110	49	46	17	1.53	05	0.0		73.8
03	107	36	45	15	1.30	12	0.0		74.2
04	110	36	44	15	1.54	08	0.0		74.2
05	109	36	47	34	.47	65	0.0		74.3
06	108	30	49	22	1.54	98	0.0		74.5
07	107	36	48*	53	2.43	50	0.0		74.9
08	110	36	49	29	1.40	44	0.0		74.7
09	110	36	46	45	.59	07	0.0		75.1
10	109	39	50	22	1.65	64	0.0		76.4
11	107	01	49	22	1.86	99	0.0		77.3
12	105	40	45	50	1.82	37	0.0		75.8
13	105	01	49	61	.89*	00	0.0		75.2
14	112	31	46	12	1.25	15	0.0		74.8
15	113	36	51	62	1.43*	43	0.0		76.1
16	109	36	50	50	1.03*	15	0.0		76.3
17	107	26	52	47	.57	10	0.0		76.8
18	106	36	51*	11	2.89	97	0.0		76.3
19	115	34	51	98	.54	26	0.0		76.1
20	110	34	46	47	.28	48	0.0		76.7
21	108	41	49	61	.38	11	0.0		77.0
22	115	40	50	54	.60	14	0.0		77.0
23	112	52	51	11	1.17	22	0.0		76.8
24	107	43	47*	11	1.10	44	0.0		77.8
25	108	35	50	62	2.34*	03	0.0		77.8
26	110	31	54	96	.65	01	0.0		77.7
27	111	33	54	44	.42	22	0.0		77.4
28	109	33	45	99	.67	45	0.0		77.3
29	105	00	50	62	2.30*	17	0.0		77.3
30	108	55	51*	25	1.08	96	0.0		75.7
31	110	00	50	48	1.33	02	0.0		76.6

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE

AUGUST DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
01	110	00	50	48	1.33	02	0.0		76.9
02	110	38	46	07	3.52	53	0.0		75.6
03	110	47	49	94	1.64	06	0.0		75.2
04	110	47	48	15	1.39	09	0.0		76.6
05	109	41	52	15	.64	23	0.0		76.2
06	109	41	54*	45	1.36	97	0.0		75.4
07	103*	63	49	21	1.52	95	0.0		75.6
08	108	36	47	39	2.06	19	0.0		75.5
09	113	47	48	17	2.03	23	0.0		75.7
10	111	36	49	03	1.51	56	0.0		74.2
11	107*	59	44	02	1.25	27	0.0		73.1
12	108	28	39	64	2.17	51	0.0		74.1
13	108	65	47	16	1.81	08	0.0		74.9
14	114	37	44	29	2.00	51	0.0		75.3
15	112	37	52*	59	.66	45	0.0		75.5
16	104*	37	48	97	.96	41	0.0		75.1
17	101	59	45	43	.71	40	0.0		73.9
18	111	59	50	97	.85	12	0.0		74.5
19	104	48	44	50	.80	99	0.0		74.2
20	106	42	43	50	3.14	16	0.0		73.5
21	106	95	49*	50	.65	33	0.0		74.0
22	105*	60	44	23	2.00	46	0.0		74.0
23	110	36	43	42	.81	30	0.0		73.1
24	107	29	42	34	2.12	03	0.0		72.3
25	107	26	45*	34	1.54	44	0.0		73.1
26	105*	62	44	34	.75	27	0.0		72.3
27	107	62	44	11	.84	18	0.0		72.2
28	106	59	39*	11	1.01	20	0.0		71.1
29	102	61	40	46	1.75	12	0.0		71.5
30	100	61	42	35	.58	02	0.0		71.0
31	103*	60	43	58	1.83	42	0.0		71.2

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE

SEPTEMBER DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
01	104*	40	40	65	1.25	63	0.0		71.9
02	103*	60	42	46	1.44	96	0.0		70.5
03	103	47	39	34	.95	63	0.0		68.9
04	105	52	38*	65	.67	49	0.0		69.5
05	105	33	38	65	.39	11	0.0		69.0
06	103	13	36	56	1.18	11	0.0		68.4
07	105	31	37	95	.54	46	0.0		68.5
08	102*	59	42	43	1.07	00	0.0		67.4
09	108	31	35	43	.84	21	0.0		65.6
10	104	31	34	98	1.22	19	0.0		64.7
11	99*	39	33	55	.62	06	0.0		65.2
12	101	39	31	02	.79	03	0.0		64.4
13	99	39	31	49	1.13	21	0.0		64.2
14	102	48	31	49	.56	00	0.0		63.7
15	104	48	31	16	.71	24	0.0		62.4
16	100*	26	35*	59	1.22	65	0.0		63.2
17	96*	61	32	03	.82	59	0.0		63.3
18	97*	20	26	01	1.37	17	0.0		62.6
19	98*	41	28	96	1.55	61	0.0		61.4
20	104	37	31	18	.87	55	0.0		60.7
21	100	22	34	34	.44	59	0.0		61.3
22	99*	36	32	47	.91	10	0.0		60.8
23	97	58	29	42	1.28	41	0.0		60.3
24	92*	24	26	26	1.26	31	0.0		59.4
25	96	38	19	26	.47	48	0.2	34	57.9
26	94*	56	24	65	.61	45	0.0		57.4
27	98*	56	26*	51	.19	16	0.0		57.0
28	97	05	21	51	.36	46	0.0		57.6
29	92*	38	29	99	.93	65	0.0		56.4
30	91*	16	27	59	1.10	11	0.0		57.3

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE

OCTOBER DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
01	96	53	30	58	.51	07	0.0		58.6
02	92	06	28	50	.95	41	0.0		58.4
03	97	22	28	50	2.14	26	0.0		58.0
04	96	22	26*	52	1.16	51	0.0		57.0
05	94	47	24	52	.86	93	0.0		56.7
06	94	05	22	53	.99	62	0.0		55.7
07	93	20	23	52	1.14	46	0.0		53.7
08	91	60	21	95	.87	24	1.1	32	53.6
09	88	10	22*	64	.88	39	1.6	32	54.1
10	93*	55	15	19	1.78	49	0.0		54.3
11	93	10	21*	46	.69	14	0.3	46	53.1
12	93	56	15	17	.56	43	0.0		52.8
13	90	62	17	09	.60	54	0.0		54.1
14	90*	62	20	37	1.26	28	0.0		54.5
15	90*	65	28	19	.57	28	0.0		55.1
16	92	10	24	22	.91	34	0.0		52.3
17	87	95	15	48	.20	06	0.3	25	51.2
18	86*	27	19	17	.90	08	3.8	05	49.6
19	87*	55	16	17	1.81	08	4.4	19	49.3
20	92	47	11	05	1.76	06	2.0	06	48.6
21	93	47	15	10	.80	20	0.1	28	48.7
22	83	97	18	17	.49	57	0.0		47.6
23	82*	63	11	17	.30	93	0.3	55	46.8
24	87	94	18	19	.50	56	0.0		47.8
25	88	40	02	19	.85*	54	3.3	19	46.9
26	82	22	01	19	.64	41	2.7	54	45.0
27	90	38	06	19	.16	25	2.2	25	44.4
28	87	37	00	25	.64	01	2.2	29	43.5
29	92	33	-04	25	.58	56	2.5	96	43.5
30	88	50	12	98	.67	27	7.0	43	42.7
31	78	33	14	35	.36	20	3.7	29	43.7

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE

NOVEMBER DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
01	75	01	06	35	.50	36	4.5	36	41.8
02	78	31	06	51	1.77	56	2.5	36	40.7
03	75	17	07	55	.17	47	0.4	96	41.1
04	77	09	00	51	1.32	22	4.0	59	40.5
05	75	06	03	59	.14	48	0.9	96	40.3
06	81	09	-04	59	.73	46	4.6	96	40.0
07	77	31	08	36	.91	44	3.0	43	38.1
08	81	31	08	36	.33	19	3.3	19	37.0
09	70*	30	02	98	.43	19	4.4	19	36.7
10	74	54	04	11	.37	19	4.2	19	36.3
11	74	37	-04	96	.20	11	2.4	11	35.4
12	75	54	-04	40	.58	22	5.8	22	34.8
13	72	39	-11*	59	.40	09	4.6	22	33.3
14	74	94	-18	59	.32	27	3.5	27	33.7
15	74	53	-02	55	.50	57	1.8	09	34.0
16	72	05	-10	59	.18	11	3.2	11	34.2
17	74	53	-07	59	.65	52	5.7	52	34.1
18	70	08	02	94	.10	00	1.0	00	33.0
19	75	97	-04	21	.17	30	2.7	47	33.0
20	73	62	-07	37	.80	30	8.9	30	33.2
21	71	60	-06	00	.11	20	3.0	47	30.1
22	67	12	-10	98	.23	31	3.0	31	30.4
23	60*	57	-08	98	.34	33	2.0	09	31.2
24	72	23	-05	50	.24	03	3.0	03	31.8
25	77	60	00	98	.70	44	6.8	44	31.6
26	68	62	-06	98	.70	96	7.0	96	30.0
27	70	49	-06	96	.29	05	2.0	05	29.1
28	69	14	-05	96	.44	60	4.8	60	29.0
29	69	32	-13*	64	.14	08	0.5	40	28.9
30	62	01	-16	96	.82	22	4.8	22	28.4

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE

DECEMBER DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
01	60*	51	-11	97	.30	09	0.9	19	27.4
02	66	16	-15	19	.71	33	2.6	27	26.8
03	76	41	-12	97	.81	55	9.5	55	26.9
04	63*	65	-15	97	.20	01	2.1	55	27.1
05	70	39	-15	50	.59	06	6.3	06	25.8
06	74	39	-23	50	.89	51	7.0	51	25.8
07	65	18	-14	27	.36	24	5.9	24	25.1
08	62	39	-21	27	.11	14	1.4	14	22.7
09	70	39	-16	55	.56	18	5.6	18	22.4
10	60	95	-20	17	.17	49	1.5	62	22.2
11	64	39	-14*	32	.34	65	3.5	03	22.2
12	58	39	-20	17	.55	02	7.5	02	20.5
13	62	21	-22	17	.50	51	5.3	51	20.1
14	59	39	-17	17	.29	27	3.5	27	20.5
15	63	39	-21	51	.20	02	2.3	53	20.4
16	64	62	-24	51	.26	08	2.3	24	20.5
17	62	39	-22	51	.18	08	4.6	08	19.3
18	54*	43	-22	22	.26	01	3.0	01	20.7
19	55	04	-26	27	.43	51	6.6	51	21.1
20	67	94	-24	16	1.15	02	10.0	02	22.5
21	64	33	-23	16	.31	61	2.3	18	23.9
22	59	36	-16	51	.19	45	4.0	45	24.4
23	58*	50	-10	16	.19	39	4.1	16	22.9
24	54	07	-16	20	.37	25	4.0	25	21.7
25	56	28	-13	02	.23	60	3.0	16	20.8
26	62	07	-18	33	.15	16	2.3	16	20.9
27	66	28	-17	24	.13	46	1.1	17	19.9
28	53	96	-25	17	.21	17	3.1	17	21.1
29	61	65	-27	17	.32	07	4.2	23	20.7
30	55	12	-20	16	.60	31	5.3	31	19.9
31	55	63	-18	27	.33	24	4.8	24	18.1

* 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
93	6.6	3.6	15.5	31.9	43.4	61.2	63.8	59.8	50.8	35.9	22.1	11.1	33.8
94	2.2	5.7	23.6	39.2	49.2	60.1	64.7	61.5	51.0	37.6	22.4	15.5	36.1
95	0.3	7.9	21.2	41.1	47.9	54.5	60.2	59.5	51.2	34.1	20.8	14.5	34.4
96	9.3	16.2	14.6	37.4	52.3	58.3	61.6	60.4	47.6	33.0	8.8	20.4	35.0
97	5.4	5.7	15.8	36.5	47.8	55.5	63.1	57.4	57.2	41.5	18.6	11.4	34.7
98	14.3	14.7	18.2	34.7	46.2	58.2	63.0	60.2	51.1	35.8	17.4	12.5	35.5
99	7.2	-2.9	6.9	33.6	46.5	55.9	62.7	61.8	49.2	37.0	29.6	11.2	33.2
00	14.7	5.7	20.7	40.6	51.8	59.8	61.7	65.8	51.2	42.1	21.0	19.7	37.9
01	13.4	7.2	23.2	39.9	51.0	58.5	69.6	62.8	49.1	41.9	24.7	14.8	38.0
02	13.1	10.9	26.8	35.1	51.7	55.0	62.9	60.4	46.8	36.8	25.9	8.7	36.2
03	11.2	4.2	22.5	37.0	48.4	56.2	61.9	60.0	47.5	40.1	22.7	11.0	35.2
04	7.7	2.8	21.5	32.3	48.2	57.0	61.2	59.9	50.8	42.0	26.5	12.4	35.2
05	2.8	2.9	30.1	36.0	45.1	55.9	60.9	62.2	53.1	34.9	28.9	17.3	35.8
06	11.8	12.9	16.2	40.2	47.9	55.8	61.3	60.9	54.5	36.3	24.5	10.2	36.2
07	-2.8	14.2	27.6	29.1	39.9	56.2	61.7	59.8	47.3	37.5	24.1	17.5	34.3
08	15.0	14.9	22.0	37.7	45.3	56.0	62.8	58.9	55.1	38.3	27.1	15.3	37.4
09	6.3	12.6	24.3	29.9	44.2	58.8	63.2	65.4	52.1	38.1	25.4	5.3	35.5
10	6.6	2.7	36.2	39.0	44.2	59.8	63.4	57.7	50.8	41.3	20.6	13.2	36.3
11	5.2	9.5	28.6	35.6	49.0	63.5	59.8	58.6	52.5	38.3	16.5	15.1	36.0
12	-2.3	13.3	14.5	37.5	48.1	57.1	63.2	59.5	47.4	38.2	28.1	17.6	35.2
13	6.9	7.7	16.0	39.0	46.4	61.6	62.7	63.9	52.6	34.5	29.5	18.9	36.6
14	15.9	1.2	24.0	36.7	48.8	58.0	66.4	59.9	53.5	41.5	28.9	4.6	36.6
15	5.5	17.0	13.3	43.4	43.5	52.9	57.7	56.9	49.8	40.7	28.1	16.4	35.4
16	-8.0	9.5	22.4	33.7	44.9	53.1	67.6	59.9	48.9	35.5	23.2	1.2	32.7
17	4.0	0.3	20.8	33.1	43.8	53.5	64.2	57.1	50.0	30.3	31.2	3.3	32.6
18	-0.4	8.5	29.3	34.2	46.4	60.0	61.2	61.6	46.6	41.3	24.8	16.4	35.8
19	18.6	6.3	19.8	36.7	47.1	62.1	64.8	61.8	55.1	29.8	17.0	10.4	35.8
20	9.9	16.7	21.0	29.4	47.5	57.0	62.2	58.3	51.5	42.9	24.1	15.1	36.3
21	18.0	19.7	24.4	35.3	48.7	63.5	65.2	61.2	51.7	39.4	21.4	17.4	38.8
22	4.2	-0.3	23.9	38.7	50.3	59.6	60.9	64.3	52.8	36.9	29.1	7.3	35.6
23	16.4	7.7	18.0	34.7	47.6	58.9	66.5	59.0	51.3	38.8	30.1	17.6	37.2
24	0.8	16.1	21.5	34.5	41.0	54.0	59.4	60.2	50.0	44.9	27.0	4.5	34.5
25	5.8	18.8	26.4	43.5	45.6	57.2	61.7	62.5	53.5	29.8	24.9	13.1	36.9
26	10.0	23.3	22.8	35.2	51.1	55.4	62.6	61.0	46.8	39.1	20.6	12.0	36.7
27	10.5	16.8	25.8	36.9	45.8	56.2	60.9	59.5	52.6	40.0	21.2	-4.8	35.1
28	13.2	16.9	25.1	31.1	49.7	52.1	63.2	60.7	47.0	38.9	26.9	17.5	36.9
29	-5.3	1.1	28.4	35.9	44.4	55.5	64.8	62.6	48.3	40.2	22.9	14.2	34.4
30	-0.6	24.0	23.4	41.2	45.7	57.2	67.0	64.0	51.2	37.7	25.1	20.3	38.0
31	19.8	25.0	21.9	36.1	44.0	64.3	65.7	62.5	56.7	42.1	24.1	16.8	39.9
32	5.7	13.1	17.3	40.8	49.8	60.7	65.5	63.6	50.4	35.1	24.6	8.6	36.3
33	16.6	7.9	26.1	36.8	47.6	66.2	66.3	60.0	54.0	36.8	27.5	13.8	38.3
34	16.1	17.0	21.3	36.9	54.4	59.0	64.7	61.3	46.2	43.1	31.0	15.2	38.9
35	8.8	24.8	27.4	34.0	44.9	56.4	72.0	63.0	51.6	36.2	21.3	16.2	38.1
36	-2.7	-10.7	25.2	32.6	54.1	61.6	72.6	64.8	54.6	36.3	25.3	17.2	37.7
37	-7.0	8.2	22.1	36.3	49.6	56.4	66.2	67.9	54.2	39.5	24.7	12.9	35.9
38	12.6	8.0	28.6	38.0	46.8	58.8	64.8	63.9	54.5	45.2	23.1	16.6	36.6
39	19.7	2.7	23.0	35.2	54.0	56.6	66.1	59.9	53.6	39.0	27.4	22.6	38.3
40	-1.5	15.0	24.0	35.8	45.6	57.1	67.8	61.6	56.5	43.4	19.7	18.3	36.9
41	9.8	12.6	21.6	40.5	51.5	58.3	64.8	63.6	51.6	37.7	25.2	18.3	38.0
42	11.7	11.1	25.1	38.0	42.4	54.5	59.3	58.9	45.5	36.3	22.1	10.8	34.8
43	-2.6	14.5	14.1	36.7	41.8	56.3	63.9	61.4	47.7	39.1	24.6	13.1	34.2
44	14.6	4.1	14.6	32.4	51.2	54.8	60.6	60.7	48.4	37.1	24.6	13.0	34.7
45	14.5	13.6	26.0	31.1	40.0	49.9	60.3	57.9	45.5	34.8	19.4	6.1	33.3
46	7.9	11.0	31.1	40.0	42.0	55.7	62.5	55.7	47.8	34.2	20.9	14.7	35.3
47	13.6	4.6	19.3	32.0	41.2	52.8	60.6	64.0	48.7	41.0	16.5	12.0	33.9
48	3.7	4.2	17.0	36.1	46.6	55.6	63.3	60.5	53.9	35.4	23.8	9.3	34.3
49	-3.5	-0.1	20.7	35.5	47.1	55.4	61.8	61.3	45.0	36.5	29.7	6.7	33.0
50	-9.2	5.1	12.5	27.9	41.7	53.7	57.0	55.8	49.1	39.8	18.2	8.5	30.0
51	4.0	10.5	8.0	31.0	46.7	50.2	60.0	58.6	44.3	35.5	18.2	0.0	30.6
52	-1.2	14.3	13.5	34.9	45.4	58.2	60.7	59.9	52.1	32.9	23.6	14.0	34.0
53	11.0	14.8	21.6	29.4	43.7	57.2	60.2	61.7	48.0	41.7	27.0	15.7	36.0
54	1.0	25.8	16.4	32.1	41.0	54.0	63.3	60.1	50.5	36.1	28.5	17.5	35.5
55	11.7	3.0	17.1	39.4	50.1	54.4	64.9	63.5	49.4	36.9	11.1	1.3	33.6
56	3.0	3.2	18.9	27.4	47.1	59.7	59.6	57.6	46.1	38.2	23.1	14.9	33.2
57	-1.2	11.4	21.8	32.3	44.3	54.2	63.6	60.8	45.4	39.5	23.9	17.4	34.5
58	12.4	5.9	19.6	32.7	46.0	52.7	58.1	61.2	50.6	37.5	24.6	8.2	34.1
59	1.1	3.8	24.6	33.9	44.7	59.4	61.3	61.6	48.5	32.4	15.8	21.7	34.1
60	5.5	4.4	10.5	35.4	44.0	55.2	62.5	58.8	49.9	36.8	21.2	10.3	32.9
61	9.2	15.9	27.3	28.9	43.2	56.4	58.2	62.6	44.4	36.7	21.6	6.2	34.2
62	3.0	7.3	13.2	33.9	49.0	56.3	59.4	58.7	46.3	38.7	28.3	13.7	34.0
63	-1.9	12.0	27.0	35.2	45.0	58.6	64.0	61.4	53.6	45.0	26.4	8.2	36.2
64	13.3	16.3	15.8	36.4	48.8	55.4	64.7	58.2	47.5	37.0	18.7	3.1	34.6
65	0.1	6.2	10.4	34.3	43.7	55.5	61.4	59.3	40.4	39.9	23.0	20.9	32.9

MEAN MAXIMUM TEMPERATURE (°F.)

YR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	ANNL
93	24.5	23.2	35.8	52.4	66.1	84.2	88.2	87.3	79.6	61.2	43.4	29.3	56.3
94	19.7	27.7	44.6	60.6	73.7	85.3	93.1	90.9	77.8	63.5	46.1	37.8	60.1
95	16.9	26.7	46.8	68.7	71.4	77.1	86.5	87.0	80.0	62.5	40.3	38.4	58.5
96	27.5	39.2	34.3	58.5	74.9	82.9	85.3	86.6	71.4	59.9	21.0	38.4	56.7
97	23.7	24.0	31.2	57.3	73.9	79.0	87.9	82.7	86.1	64.6	40.9	29.7	56.8
98	37.6	41.6	42.3	61.0	66.6	82.4	88.8	88.4	78.2	56.1	41.0	31.8	59.7
99	29.9	17.2	24.0	56.7	66.1	80.4	88.9	86.5	77.0	60.2	54.1	29.2	55.9
00	39.0	26.8	44.3	66.6	80.0	85.4	87.0	91.2	73.0	67.0	41.0	39.5	61.7
01	35.6	28.5	45.6	62.8	78.4	79.5	95.3	87.5	71.3	67.0	47.8	29.7	60.8
02	33.2	26.7	43.1	58.1	75.1	75.4	87.1	80.7	73.9	65.7	46.1	22.2	57.3
03	27.5	23.1	41.1	60.0	71.9	79.7	85.5	81.9	69.4	67.7	41.6	29.8	56.6
04	24.3	19.6	43.7	57.5	73.1	77.8	85.1	87.3	76.4	68.0	54.5	30.6	58.0
05	19.5	25.8	52.0	56.9	64.6	75.7	81.9	86.9	80.5	55.5	50.7	34.6	57.1
06	30.7	24.6	33.3	64.8	69.7	77.1	86.3	83.3	78.4	63.2	43.0	28.1	57.7
07	14.7	32.1	51.6	50.7	60.9	76.9	83.0	87.4	71.4	64.8	49.4	39.7	56.9
08	38.2	33.4	44.1	63.7	67.1	76.1	87.5	83.1	83.7	61.2	48.0	31.8	59.8
09	25.1	31.1	43.2	53.4	66.8	80.4	86.7	91.3	77.1	63.2	44.6	18.5	57.0
10	25.4	20.7	62.4	68.1	66.0	82.4	89.6	84.8	75.2	69.9	43.0	32.2	60.0
11	31.1	32.9	55.2	58.4	74.8	89.6	86.0	80.3	74.0	55.2	36.1	30.2	58.7
12	16.2	31.1	35.0	64.2	70.8	79.8	85.8	82.6	67.0	64.2	53.0	41.3	57.6
13	30.0	29.3	37.9	62.6	65.8	85.3	86.8	89.6	77.2	57.6	51.5	38.3	59.3
14	35.0	19.4	40.5	58.1	69.0	79.5	91.0	83.9	78.4	66.4	53.5	25.6	58.4
15	25.5	29.8	28.3	66.0	63.4	73.3	77.2	79.0	72.4	66.9	48.3	35.2	55.4
16	12.9	28.9	46.7	55.6	68.8	73.9	92.3	83.2	75.4	60.0	47.6	23.7	55.7
17	25.4	20.3	38.2	51.9	65.6	77.1	92.2	84.7	75.2	55.4	55.6	22.7	55.4
18	16.4	31.8	56.0	56.0	72.0	83.3	85.1	86.8	71.2	65.3	47.3	34.5	58.8
19	40.7	21.5	39.0	55.7	69.7	79.9	88.8	88.2	77.6	51.6	33.4	26.6	56.1
20	28.0	35.3	42.8	46.7	66.2	76.1	84.0	83.1	77.4	67.6	40.2	34.5	56.8
21	37.7	44.9	51.6	60.9	67.7	88.3	89.3	86.7	75.0	66.5	37.3	34.3	61.7
22	23.0	19.7	43.7	59.6	70.3	81.4	82.9	88.8	82.5	67.4	44.3	25.5	57.4
23	33.2	29.5	40.7	59.2	69.4	78.5	87.4	80.4	77.6	59.8	54.9	41.7	59.4
24	22.7	36.6	36.7	59.3	65.5	74.3	83.6	84.5	73.7	69.3	47.9	20.5	56.2
25	25.2	37.5	50.6	66.8	72.4	77.9	86.0	89.9	77.6	47.8	47.4	31.6	59.2
26	29.9	40.2	46.2	62.9	77.1	79.9	87.3	86.7	72.2	63.6	38.8	32.6	59.8
27	30.8	37.4	48.0	55.4	63.7	76.7	83.8	81.1	75.9	68.5	37.2	12.7	55.9
28	32.0	38.7	50.8	55.4	76.2	75.4	86.4	87.6	74.2	62.1	45.3	39.2	60.3
29	16.3	22.8	48.7	59.4	68.6	79.3	92.2	92.3	68.0	63.1	40.0	30.5	56.8
30	16.5	45.6	42.4	64.0	66.6	81.1	95.5	86.9	76.6	58.0	47.2	37.4	59.9
31	41.4	46.5	43.1	63.5	70.5	89.4	93.5	87.8	83.7	65.1	46.6	32.7	63.7
32	23.5	32.3	35.4	62.5	73.5	81.5	90.5	87.6	78.0	56.0	48.0	30.1	58.2
33	39.9	31.5	46.3	58.3	67.5	93.6	94.0	85.7	82.0	66.3	51.5	33.3	62.5
34	41.1	42.7	47.0	64.4	87.3	87.2	94.9	89.9	73.0	68.6	51.4	32.2	65.0
35	29.0	44.0	50.4	52.0	62.3	78.8	96.7	90.8	82.0	64.6	40.5	33.9	60.4
36	15.0	06.5	47.0	56.2	79.1	90.1	102.6	94.5	82.7	65.6	45.6	33.4	59.9
37	10.8	29.5	45.5	59.6	75.9	81.0	94.6	98.0	83.6	65.1	44.2	31.6	60.0
38	29.4	29.8	52.5	62.7	69.5	84.3	92.3	95.3	82.0	73.1	44.1	40.0	62.9
39	39.5	23.3	50.1	63.6	81.6	81.0	95.5	91.5	84.6	64.9	56.7	45.6	64.8
40	17.5	30.8	39.3	57.1	74.8	83.8	94.5	88.5	83.8	72.2	39.1	35.8	59.8
41	27.0	31.5	41.5	61.3	78.7	79.6	91.6	90.2	76.3	61.6	47.5	39.9	60.6
42	37.2	30.2	42.3	63.4	63.1	75.5	84.6	86.9	70.9	64.3	46.6	29.3	57.9
43	16.8	38.1	38.9	65.5	67.9	78.7	92.7	90.1	75.8	66.3	42.0	37.1	59.2
44	37.2	26.6	33.0	53.9	76.2	77.6	85.4	84.3	75.1	67.1	40.3	31.5	57.4
45	30.7	33.8	51.7	56.4	65.3	70.3	88.2	85.2	73.7	66.7	45.3	25.1	57.7
46	36.5	36.7	55.1	67.9	64.6	80.4	89.0	82.4	73.2	55.3	43.2	33.7	59.8
47	34.1	26.6	37.5	54.1	68.9	75.7	89.6	94.4	77.7	71.5	35.7	33.3	58.3
48	28.0	24.1	36.6	65.1	70.6	76.2	88.2	88.4	83.2	64.4	43.8	30.1	58.2
49	16.0	22.4	39.0	65.5	74.1	83.0	92.3	91.5	73.8	60.4	56.6	28.2	58.6
50	11.0	25.5	32.0	49.2	65.6	82.7	83.9	83.9	73.9	67.5	41.5	30.1	53.9
51	27.0	39.4	28.9	55.4	70.7	71.5	84.7	82.7	69.7	57.4	42.0	20.0	54.1
52	19.5	30.8	30.0	62.8	71.2	85.3	90.0	86.7	82.8	63.0	44.4	33.4	58.3
53	30.8	31.8	43.3	51.5	66.9	81.0	86.9	86.4	79.5	71.0	49.6	36.3	59.6
54	23.7	51.5	37.9	60.3	68.2	77.5	93.0	88.1	75.2	58.1	53.8	35.2	60.2
55	32.9	24.9	41.4	68.6	76.9	76.3	93.2	92.4	77.6	66.9	33.7	19.4	58.7
56	20.9	25.6	41.0	52.7	70.5	90.6	86.3	84.3	76.9	69.6	43.9	35.8	58.2
57	18.7	34.0	41.4	54.2	65.3	77.6	89.9	85.5	74.7	58.6	43.8	43.2	57.2
58	36.2	27.4	36.5	57.9	77.0	76.3	83.1	92.0	80.3	65.7	46.7	30.9	59.2
59	22.0	26.5	49.4	59.1	67.8	86.8	91.3	93.1	73.8	56.1	36.3	39.1	58.4
60	25.3	22.7	26.9	58.8	72.2	77.4	92.8	89.5	78.6	67.8	48.4	28.7	57.6
61	31.0	40.1	49.0	55.1	67.3	85.8	88.9	92.7	72.4	66.2	46.9	29.9	60.4
62	27.0	27.5	32.5	62.8	71.2	77.4	83.6	88.7	76.4	68.1	52.2	36.8	58.7
63	21.0	37.3	54.4	58.0	71.9	84.4	90.1	90.0	78.4	72.6	50.7	28.1	61.4
64	36.8	39.6	40.6	58.1	72.6	81.3	92.3	85.4	76.0	66.9	43.1	21.2	59.5
65	20.8	30.2	30.1	56.2	69.0	77.2	87.6	85.4	61.9	69.0	46.6	40.9	56.2

MONTHLY AND SEASONAL SNOWFALL (IN.)

SEASON	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	TOTAL
-93					9.1	4.2	11.6	1.0	0	25.9
93-94	0	0	2.5	5.4	5.4	0.5	12.0	0	0	17.9
94-95	0	0	0	0.5	7.0	5.1	12.8	1.0	0	26.4
95-96	0	0	3.7	0.1	7.4	6.0	7.6	2.5	0	27.3
96-97	0	3.5	20.1	0.1	14.9	2.3	10.7	2.8	0	54.4
97-98	0	0	3.3	4.4	0.1	0.7	5.9	0	0	14.4
98-99	0	1.0	1.7	2.7	3.0	5.8	18.3	4.3	0	36.8
99-00	0			3.9	0.3	3.7	13.2	0	0	21.1
1	0	0	3.3	1.7	0.8	5.7	5.6	0	0	17.3
01-02	0	0	1.8	6.5	3.7	8.7	10.0	6.5	0	37.2
02-03	0	0	1.2	23.1	1.4	3.6	5.7	3.7	0	38.7
03-04	0	0	5.2	6.4	5.8	9.4	2.6	1.5	0	30.9
04-05	0	0	0	4.2	5.8	2.0	1.7	3.7	0	17.4
05-06	0	9.5	5.0	0	5.0	1.5	6.2	5.2	0	32.4
06-07	0	2.0	3.1	7.6	11.1	6.0	0.4	3.8	2.2	36.2
07-08	0	0	0	1.8	2.8	2.6	12.3	3.2	0	22.7
08-09	0	0	3.4	6.6	3.9	6.1	0	1.6	0	21.6
09-10	0	0	13.2	12.6	13.1	2.7	0	0.1	0	41.7
10-11	0	0	0.2	4.1	0.4	6.4	1.2	0.8	0	13.1
11-12	0	0.6	6.9	6.0	2.8	0.9	5.3	0	0	22.5
12-13	0	0	0	0.2	0	2.8	9.1	5.6	0	17.7
13-14	0	0	0.4	0.5	2.9	17.4	7.7	0	0	28.9
14-15	0	0	0	3.6	9.0	19.0	8.0	0	0	39.6
15-16	0	0	0	2.9	13.8	4.3	1.0	2.2	1.0	25.2
16-17	0	0.9	0.7	11.7	14.1	5.7	6.4	9.3	0	48.8
17-18	0	0	0	9.9	15.2	10.8	17.2	4.3	0	57.4
18-19	0	0.3	3.6	14.5	0.4	19.5	3.0	6.3	0	47.6
19-20	0	9.5	13.8	1.9	2.4	3.2	17.8	7.9	0	56.5
20-21	0	3.6	4.2	3.3	2.5	0.6	1.5	4.0	0	19.7
21-22	0	0	3.6	4.8	9.9	9.4	3.8	0	0	31.5
22-23	0	0	15.7	4.8	1.3	0.4	6.4	2.5	0	31.1
23-24	0	0.4	0	5.0	2.7	9.2	15.4	5.6	0.2	38.5
24-25	0	0	5.2	15.0	6.3	3.2	0.3	0	0	30.0
25-26	0	3.0	3.8	6.7	24.1	0.7	0.3	1.5	0	40.1
26-27	0	0	4.4	2.5	2.8	1.1	8.3	3.5	0	22.6
27-28	0	0	4.2	13.0	1.4	0.8	7.6	3.2	0	30.2
28-29	0	2.1	0.8	2.4	9.3	4.8	5.9	7.5	0	32.8
29-30	0	10.2	6.0	0.8	4.1	11.0	1.6	0	0	33.7
30-31	0	0	10.6	0.1	2.7	0.6	18.9	0.5	0	33.4
31-32	0	0	7.2	7.9	2.5	1.6	10.1	0	0	29.3
32-33	0	4.3	0.2	3.5	0.4	3.3	10.0	3.2	0	24.9
33-34	0	0.2	0.5	2.1	0.2	1.7	10.8	0	0	15.5
34-35	0.2	0	0.3	2.2	2.4	5.5	3.5	13.2	0	27.3
35-36	0	0.5	0.4	1.5	7.8	8.4	13.5	2.7	0	34.8
36-37	0	0	9.5	2.0	12.2	4.0	13.5	3.5	0	44.7
37-38	0	0	1.5	4.2	4.3	10.0	4.6	9.5	0	34.1
38-39	0	0	0.4	0	2.3	8.8	1.5	0	0	13.0
39-40	0	0		4.7	2.0	4.2	14.9	0	0	25.8
40-41	0	0	4.1	2.6	6.6	3.5	3.4	0	0	20.2
41-42	0	0	0	3.8	0.2	18.5	12.4	0	0	34.9
42-43	0	0	4.3	2.5	6.7	4.7	7.9	0	0	26.1
43-44	0	7.2	3.2	1.2	2.5	16.3	10.0	1.0	0	41.4
44-45	0	0	6.8	7.0	8.9	10.0	1.3	0	0	34.0
45-46	0	0	0	5.4	2.2	3.8	3.3	6.0	0	20.7
46-47	0	0.3	1.6	3.6	11.0	5.3	6.9	2.7	0	31.4
47-48	0	0	18.1	0.4	3.4	7.3	5.6	0	0	34.8
48-49	0	0	0	3.2	25.4	1.6	3.5	0	0	33.7
49-50	0	0	0	4.7	9.9	11.3	17.9	1.7	6.5	52.0
50-51	0	0	0.2	2.0	0.4	5.0	7.9	3.9	0	19.4
51-52	0	2.0	2.2	31.3	9.3	27.4	9.8	0	0	82.0
52-53	0	0	5.7	1.3	9.6	10.7	8.3	2.0	0	37.6
53-54	0	0	4.3	6.5	3.4	1.0	17.5	0.2	0.6	33.5
54-55	0	2.7	4.5	1.7	1.4	20.4	2.8	0	0	33.5
55-56	0	0.3	10.1	18.5	7.3	4.9	7.3	2.5	0	50.9
56-57	0	0	2.3	4.0	2.8	7.4	4.0	14.4	0	34.9
57-58	0	0.2	1.0	0.6	2.5	14.8	5.6	0.6	0	25.3
58-59	0	0	0	3.6	2.2	6.8	0.7	3.0	0	16.3
59-60	0	0	8.1	6.3	6.6	11.6	7.7	4.3	0	44.6
60-61	0	0	5.5	7.6	0.6	1.9	1.4	1.2	0	18.2
61-62	0	0	0.7	2.3	5.8	14.0	9.2	0	0	32.0
62-63	0	0	0	1.9	5.7	1.9	1.1	5.1	0	15.7
63-64	0	0	0	2.4	1.2	1.7	6.1	4.9	0	16.3
64-65	0	0	0.8	7.0	2.7	2.5	11.8	0.5	0	25.3

TOTAL PRECIPITATION (IN.)

YR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	ANNL
93	.77	.46	1.46	2.19	1.94	1.73	2.29	.34	.78	1.57	.40	.63	14.56
94	.46	.04	1.60	1.56	.46	1.14	.81	.21	.73	.58	.15	.08	7.82
95	.71	.53	1.85	2.87	1.20	6.09	.90	1.88	.36	.00	.45	.01	16.85
96	.62	.37	.85	3.70	.30	2.76	3.39	.85	1.76	.55	1.92	.28	17.35
97	1.66	.29	2.49	3.51	.45	3.11	3.79	2.12	.14	.40	.41	.47	18.84
98	.01	.13	.60	.90	3.55	.77	3.05	.78	.26	.15	.17	.28	10.65
99	.47	.58	2.06	1.67	4.15	3.18	2.68	2.02	1.51	.75	.32	.41	20.00
00	.04	.36	1.69	1.98	.24	3.39	3.38	1.90	2.69	.50	.33	.31	16.81
01	.08	.53	1.09	1.26	.63	4.45	1.76	3.23	1.20	1.77	.18	.86	17.04
02	.37	.83	1.38	1.47	.81	5.60	1.18	4.82	.70	.50	.17	2.21	20.04
03	.26	.36	1.03	1.65	1.72	2.14	4.99	3.98	1.97	.25	.52	.66	19.53
04	.63	.83	.33	.87	.62	2.48	1.46	1.09	.20	.16	.14	.34	9.15
05	.35	.17	1.32	1.42	4.34	3.36	4.81	2.09	.34	1.63	.62	.00	20.45
06	.37	.10	.52	2.62	4.28	1.66	1.02	5.16	1.99	3.05	.45	.84	22.06
07	.85	.45	.10	.62	3.43	1.22	2.74	1.76	1.96	.56	.00	.34	14.03
08	.22	.46	1.23	1.41	3.98	1.88	3.04	2.32	.26	3.21	.49	.60	19.10
09	.27	.42	.02	.68	2.75	1.39	.73	3.03	1.19	.17	1.24	1.10	12.99
10	.94	.14	1.53	.59	.81	2.52	1.88	.60	1.13	.25	.20	.49	11.08
11	.05	.55	.19	1.35	1.66	.87	1.52	2.20	2.79	.48	.47	.54	12.67
12	.20	.06	.45	.89	1.67	.91	3.22	3.85	1.86	.10	.00	.01	13.22
13	.00	.25	.84	1.17	3.75	.32	2.12	1.37	.56	.53	.11	.43	11.45
14	.43	1.35	.80	1.78	3.54	5.72	1.53	2.19	.79	1.95	.00	.22	20.30
15	.73	1.81	.58	2.63	2.56	4.12	6.12	.55	2.18	1.20	.84	.25	23.57
16	1.06	.31	.38	1.06	5.81	2.33	2.50	4.65	1.06	.67	.08	.61	20.52
17	.84	.37	.53	2.39	2.72	.84	2.68	1.93	1.83	.02	.00	.72	14.87
18	1.08	.63	1.47	2.60	3.02	1.59	2.04	2.30	.64	.41	.45	1.45	17.68
19	.04	1.29	1.30	2.98	2.78	2.55	2.80	2.24	1.59	2.19	1.27	.12	21.15
20	.16	.26	1.76	3.37	5.16	4.12	2.81	2.07	.98	1.25	.71	.21	22.88
21	.21	.05	.49	1.33	4.79	.54	4.92	1.59	3.21	1.28	.49	.27	19.17
22	.68	.49	.56	.59	3.58	4.60	2.84	2.03	.19	.44	3.16	.31	19.47
23	.14	.04	.68	1.54	1.43	5.67	2.67	3.76	1.21	.30	.20	.24	17.88
24	.15	.89	1.40	.99	.24	5.19	1.11	2.74	1.98	1.38	.44	.95	17.46
25	.53	.34	.05	.95	.63	3.54	2.77	1.03	.65	.27	.43	.65	11.84
26	1.31	.10	.03	.15	3.32	1.86	3.93	.78	.74	2.61	.38	.23	15.44
27	.30	.11	.93	3.24	5.17	2.62	.97	2.88	.60	1.19	.37	1.11	19.49
28	.14	.08	.97	.99	1.30	2.18	3.22	1.70	.41	2.29	.56	.19	14.03
29	.95	.59	1.27	3.16	1.66	1.83	.79	.68	1.28	2.92	.58	.08	15.79
30	.28	1.32	.49	3.68	1.68	1.34	.69	2.61	.25	2.34	1.01	.02	15.71
31	.24	.13	2.22	.40	2.11	1.45	.71	.44	1.43	.41	.54	.88	10.96
32	.17	.12	.98	2.34	4.84	2.91	1.08	2.09	.79	1.25	.02	.28	16.87
33	.03	.25	2.24	1.26	2.16	2.32	1.39	4.28	.82	.05	.44	.87	16.11
34	.01	.18	.96	.80	.38	1.60	.81	.62	1.86	1.23	.20	.41	9.26
35	.17	.82	.74	4.71	1.80	1.50	.34	.34	.16	.18	.04	.35	11.15
36	.54	.61	.90	.91	1.82	.55	.10	1.90	.67	.36	.90	.18	9.44
37	.64	.28	1.90	.51	2.80	2.60	2.85	.48	.06	.02	.21	.50	12.85
38	.42	.58	1.32	3.38	2.28	2.55	2.09	.31	2.15	.08	.49	.13	15.78
39	1.17	.73	.17	.58	3.05	3.30	1.52	.70	1.19	1.03	.00	.46	13.90
40	.21	.44	1.66	1.17	.05	2.01	.68	.83	.44	.53	.50	.33	8.85
41	.66	.45	.41	3.52	4.34	3.84	1.98	2.21	2.21	2.04	.04	.16	21.86
42	.02	.33	1.39	3.34	5.50	1.37	2.34	2.15	2.75	.28	.42	.18	20.07
43	.75	1.04	.73	.17	1.73	5.98	2.87	1.15	.33	1.20	.34	.06	16.35
44	.96	1.07	.68	1.03	4.02	3.37	4.89	4.53	.56	.29	1.98	.08	23.46
45	.50	.32	1.24	.30	1.66	2.75	1.42	3.63	2.07	.01	.00	.26	14.18
46	.03	.26	1.12	1.06	3.48	4.56	2.31	3.77	3.10	2.38	.98	.32	23.37
47	.21	.13	1.11	1.23	.79	5.06	.39	.21	.37	.45	.92	.01	10.88
48	.06	.32	.17	2.17	2.63	4.80	3.29	1.60	.78	.64	.36	.12	16.94
49	1.15	.04	.56	1.65	3.72	.73	1.54	2.09	1.33	3.58	.08	.63	17.10
50	.62	1.11	2.63	.26	2.42	.78	3.18	1.76	2.23	.49	.48	.19	16.15
51	.09	.66	.79	1.04	2.92	3.83	2.20	5.43	.65	2.46	.05	2.91	23.03
52	.97	2.66	1.08	.00	1.39	3.84	.80	1.22	.35	.00	.65	.13	13.09
53	.93	1.05	1.75	3.25	1.43	5.57	1.54	4.65	.15	1.22	.32	.62	22.48
54	.14	.18	1.91	.71	1.25	7.25	.45	1.88	.56	2.08	.45	.13	16.99
55	.13	1.93	.20	1.44	2.80	4.14	1.54	1.61	1.12	.26	1.03	1.44	17.64
56	.68	.49	.99	1.00	2.78	1.16	3.33	4.58	.62	1.48	2.24	.31	19.66
57	.28	.72	.58	2.98	4.28	4.29	.98	1.76	.82	1.28	.66	.06	18.69
58	.36	1.48	.56	2.19	2.13	3.36	1.44	.70	.11	.20	.44	.21	13.18
59	.24	.63	.17	.63	4.50	2.29	2.39	1.34	3.71	.30	.72	.56	17.48
60	.66	1.16	.87	1.20	3.85	5.11	.24	3.31	.97	.23	.80	.78	19.18
61	.06	.14	.34	.84	3.24	1.33	1.56	.47	2.09	.30	.07	.56	11.00
62	.53	1.38	.92	.51	6.47	6.19	2.90	.60	.48	1.03	.12	.19	21.32
63	.62	.31	.45	2.04	2.90	3.74	3.48	.75	2.65	2.10	.01	.26	19.31
64	.15	.17	.61	5.93	3.09	3.47	3.19	.85	.13	.00	.08	.70	18.37
65	.27	.25	1.19	2.72	3.28	2.60	1.05	.47	3.36	.54	.28	.51	16.52