N 82.2/73
U58/c
S.D.
n.a.
Pine Ridge

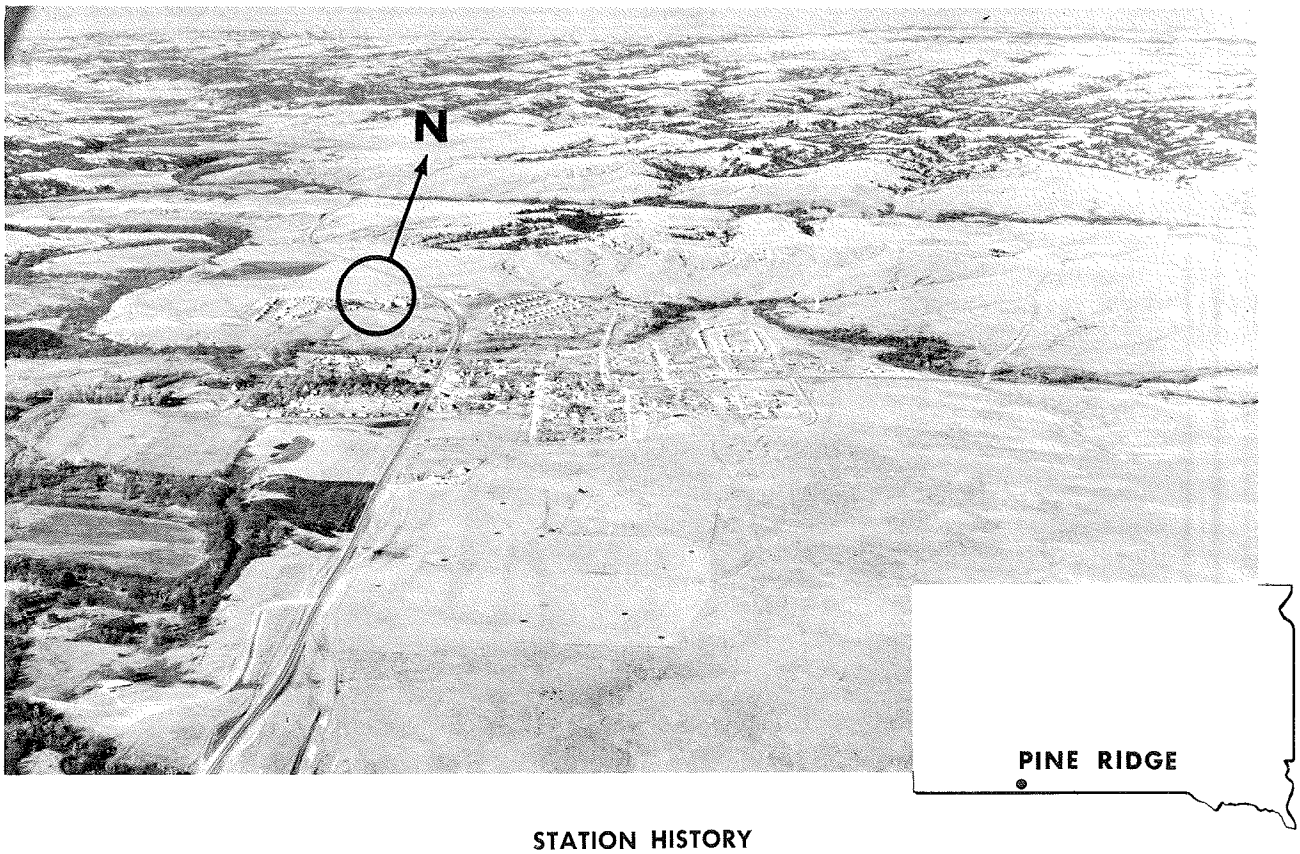
CLIMATOLOGICAL SUMMARY

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

NO. 11

PINE RIDGE SOUTH DAKOTA

LATITUDE 43° 01′ N LONGITUDE 102° 34′ W ELEVATION 3,230 FT.



STATION HISTORY

Official weather observations were first made at Pine Ridge in January 1901 and continued to April 1924. The weather observations were again started in January 1933 and continued to present. Some of the observations in and prior to 1924 were of poor quality and are not included in this summary. This publication summarizes weather data from 1933 through 1965. The earlier observations are published in climatological data publications for the periods in question.

Weather instruments at this station consist of a maximum and a minimum thermometer and a standard rain gage.

DETAILED STATION HISTORY

Date	Location	Elevation	Observer
Jan. 1933 - Feb. 1937	At Post Office	3210	Pine Ridge Indian Agency
Feb. 1937 - April 1939	3/4 mile W. of P.O.	3200	Oglala Community High School
May 1939 - May 1957	.6 mile W. of P.O.	3210	Pine Ridge Indian Agency
May 1957 - May 1958	1 mile NW of P.O.	3240	Dr. Waldo S. Cook
May 1958 - Aug. 1959	.6 mile W. of P.O.	3210	Arthur Schulte
Aug. 1959 - May 1962	1 mile NNW of P.O.	3255	John T. Barnett
May 1962 - Oct. 1966	1 mile NNW of P.O.	3255	Bruce M. Holmlund
Oct. 1966 - Feb. 1967	1 mile NNW of P.O.	3255	Robert R. Taylor
Feb. 1967 -	.8 mile WSW of P.O.	3230	James Legg

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

2M—4-68—7389

STATION SUMMARY

Pine Ridge is located in south central Shannon County, which is in the southwestern part of the state. This county is one of the driest and warmest in the state. The climate is a semi-arid continental type with usually cold winters and hot summers. Usually winter precipitation is light and growing season rainfall is marginal for adapted crops. There are no nearby large bodies of water that affect the climate. The nearby topography is rather rough. The southern part of the Black Hills is about 50 miles to the northwest.

TEMPERATURE: The temperature has a large variation seasonally and occasionally from day to day. Temperatures climb to above 100 degrees in summer and may drop to 30 degrees below zero or lower during winter a reading of 100 degrees or higher may be expected on the average about 8 days per year. A reading of 30 degrees below zero or lower may be expected on the average about once in 2 years and a reading of 20 degrees below zero may be expected on the average about three times per year. The temperature may fall to zero or lower on the average 19 days per year and fail to climb above zero during the day about 1 day per year.

The average date for last frost in spring is May 19 and first frost in fall is September 20, with an average length growing season of 124 days.

PRECIPITATION: Average annual precipitation is 16.37 inches of which 12.78 inches, or 78%, 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. About 1 year in 2, a rainfall of 1 inch or more in 1 hour can be expected, and about 1 year in 20, 2 inches or more rain in 1 hour may be expected. A 24-hour rain of 2 inches or more may be expected about once in 2 years, and a 24-hour rain of 3 inches or more may be expected about once in 15 years.

Snow cover is important for protecting pastures and fall seeded crops, although a heavy snow cover may be a hindrance to ranch and farm activity. The average seasonal snowfall is about 32 inches and has varied from 13 inches during 1960-61 season to 61 inches during 1952-53 season. The maximum snowfall reported in 1 day was 14 inches. Snow cover of 1 inch or more averages 31 days per year, although in 1952 there were 116 days with snow cover of 1 inch or more. Strong winds often accompany the snowfall causing drifts to form in and near sheltered areas while open fields remain nearly bare.

Hail may be expected about 2 to 3 times per year in any one location in the Pine Ridge area. The month with the highest frequency of hail occurrence is June followed by July and August. Hail has occurred as early as March and as late as October.

AVERAGE TEMPERATURE, 1933-1965 (°F.)

YR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	ANNL
33	29.1	20.4	39.3	47.2	53.5	74.2	78.0	69.8	65.6	52.1	39.8	32.6	50.1
34	32.3	31.5	38.3	49.3	66.6	69.3	77.8	71.5	57.3	55.2	40.3	27.9	51.4
35	27.7	35.5	39.4	42.3	51.0	64.4	77.8	73.1	62.6	47.7	32.3	25.1	48.2
36	18.3	3.5	36.0	44.3	62.8	70.9	81.9	75.6	63.2	46.5	32.7	26.2	46.8
37	7.7	24.8	33.1	46.1	59.3	65.2	74.9	78.3	65.5	50.7	34.4	27.0	47.3
38	29.3	29.1	40.3	47.0	56.0	68.4	73.2	75.1	64.2	57.2	31.9	26.9	49.9
39	28.4	16.3	36.3	45.7	61.9	67.2	79.3	72.0	65.8	51.1	38.3	33.7	49.7
40	15.0	30.1	38.4	45.8	57.9	70.7	83.1	72.9	68.1	54.6	32.8	30.3	50.0
41	27.6	29.8	35.9	47.9	62.4	66.9	73.9	73.5	63.3	48.9	41.6	37.3	50.8
42	23.1	26.2	37.7	52.9	53.4	65.2	74.3	71.6	59.9	50.8	38.7	30.3	48.7
43	20.8	34.1	27.0	52.6	53.2	64.9	75.0	75.6	60.7	51.5	36.4	27.5	48.3
44	24.7	23.1	29.9	43.9	58.8	63.9	70.9	71.8	61.1	51.0	37.6	26.7	47.0
45	27.8	28.4	40.4	43.6	53.8	57.8	72.5	70.8	60.5	52.6	39.7	22.7	47.6
46	29.6	32.9	44.8	54.6	53.4	64.6	75.1	70.3	62.4	45.2	35.5	29.3	49.8
47	27.5	23.3	30.7	44.9	53.9	63.2	73.3	76.1	63.8	56.4	28.1	28.5	47.5
48	24.8	25.1	30.8	50.8	57.1	65.1	72.1	72.4	66.4	47.8	34.2	23.6	47.5
49	7.4	21.2	34.6	50.2	58.6	65.8	74.9	73.3	59.6	48.2	43.3	25.5	46.9
50	16.6	32.8	30.4	43.0	52.9	66.7	68.8	69.1	60.0	55.4	33.7	28.9	46.5
51	22.3	30.2	26.9	41.1	56.4	58.8	71.8	69.3	56.8	47.4	33.0	19.5	44.5
52	23.7	29.3	29.4	48.8	56.4	70.2	71.7	72.7	63.9	46.9	29.9	24.0	47.2
53	30.2	27.0	38.1	38.6	52.7	69.1	72.5	71.4	61.5	54.0	39.8	26.5	48.5
54	22.8	39.4	28.4	48.1	53.7	64.8	75.9	71.7	63.9	47.2	40.7	30.7	48.9
55	22.9	20.1	30.1	49.2	60.0	62.2	75.6	75.8	63.0	50.5	26.8	23.1	46.6
56	25.1	22.9	35.1	38.8	56.8	71.3	68.8	67.3	59.2	53.1	30.3	28.6	46.4
57	9.7	26.8	34.0	41.5	54.7	64.3	74.6	72.8	58.5	48.8	34.2	34.8	46.2
58	29.7	25.4	28.4	43.8	62.0	63.8	67.3	72.1	63.3	49.8	36.5	27.0	47.4
59	23.5	24.0	37.0	45.4	55.0	70.0	71.7	78.1	60.9	46.2	29.7	33.3	47.9
60	22.5	20.3	32.2	48.4	57.7	66.5	78.1	75.0	64.9	52.6	38.1	25.2	48.5
61	27.2	33.3	39.6	43.7	56.1	70.8	74.8	76.9	58.8	50.0	35.0	24.6	49.2
62	21.3	26.6	31.6	51.1	60.1	66.2	72.0	72.8	63.0	53.8	42.1	29.5	49.2
63	14.7	33.4	41.6	48.4	59.4	71.1	77.9	75.9	68.0	59.7	40.9	22.7	51.1
64	28.5	28.4	33.1	47.4	60.0	65.7	79.1	71.6	62.3	51.9	35.5	23.8	48.9
65	29.9	26.0	24.1	50.2	57.8	66.5	73.8	71.8	53.5	54.8	40.2	32.5	48.4

MISCELLANEOUS: Sunshine is an important factor in growth of crops and pastures. During the growing season (April-September) an average of about two-thirds of possible sunshine can be expected in the Pine Ridge area. July and August have the greatest amount of sunshine with about three-fourths of possible.

Wind speed averages 10 to 11 MPH in summer with prevailing direction from the southeast. In the winter, the wind speed averages 11 to 12 MPH from the northwest. Wind speed of 50 MPH or more may occur during any month but is most likely in summer months in association with thunderstorms. Thunderstorms average about 11 per month in June and July, 9 in August, 8 in May and 4 in September with fewer in other months for an annual average of about 45.

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

The relative humidity usually has a large variation from early morning to afternoon and occasionally from day to day. It averages annually from about 50% in the afternoon to about 80% in early morning.

The evaporation from large pans is an indication of the water loss experienced by soil and crops. The average annual Weather Bureau Class A Pan evaporation in this area is about 59 inches. An average of about 45 inches evaporates from May through October. The pan evaporation represents a maximum or potential evaporation. The average annual small lake evaporation is about 41 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, 1933-1965 (°F.)

PERCENT CHANCE OF LATER DATE	TEMPERATURE LEVELS 16	20	24	28	32	36
90	MAR. 13	MAR. 24	MAR. 31	APR. 13	APR. 22	MAY 7
70	MAR. 21	APR. 1	APR. 9	APR. 20	MAY 2	MAY 15
50	APR. 5	APR. 16	APR. 25	MAY 5	MAY 19	MAY 30
30	APR. 18	APR. 30	MAY 11	MAY 18	JUNE 4	JUNE 13
10	APR. 26	MAY 8	MAY 19	MAY 26	JUNE 14	JUNE 21

PROBABILITY DATE OF FIRST TEMPERATURE OCCURRENCE IN FALL, 1933-1965 (°F.)

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

MEANS AND EXTREMES,* 1933-1965

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.	37.2	9.5	23.3	64	64	21	-40	57	25	1268	0	9	30	8
Feb.	40.5	12.9	26.7	73	62	10	-43	36	08	1069	0	7	27	5
Mar.	47.9	20.7	34.3	85	46	31	-34	43	06	946	0	4	27	2
Apr.	61.1	32.0	46.5	90	62	20	-08	36	03	552	0	0	15	0
May	71.5	42.7	57.1	101	34	29	12	44	05	269	1	0	3	0
June	81.1	51.9	66.5	105	61	27	29	44	06	76	6	0	0	0
July	90.9	58.3	74.6	112	40	08	33	48	23	6	18	0	0	0
Aug.	89.5	56.4	72.9	109	37	14	36	46	19	15	17	0	0	0
Sept.	79.5	44.8	62.1	110	48	15	17	42	25	154	5	0	3	0
Oct.	68.1	34.2	51.1	95	47	05	06	52	06	431	0	0	13	0
Nov.	50.5	21.2	35.8	79	37	11	-16	59	14	871	0	2	26	1
Dec.	40.9	14.6	27.7	71	41	03	-24	64	17	1148	0	7	29	4
Annual	63.2	33.3	48.2	JULY 112	40	08	FEB. -43	36	08	6805	47	29	173	20

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.	.43	1.81	44	1.34	44	27	5.4	22.0	49	14.0	44	27	3	1	0	0
Feb.	.47	1.44	53	.84	46	05	5.7	16.8	53	9.0	46	05	4	2	0	0
Mar.	.94	2.55	54	2.00	56	10	7.7	24.0	59	13.0	37	24	6	3	0	0
Apr.	1.79	5.28	42	2.01	54	26	3.5	16.0	57	9.0	53	02	7	5	1	0
May	3.15	10.03	42	2.66	42	01	1.0	11.0	42	10.0	42	06	10	7	2	1
June	3.19	10.90	47	3.08	47	18	0.0	0.0		0.0			9	7	2	1
July	1.98	5.39	38	2.40	41	12	0.0	0.0		0.0			6	4	1	0
Aug.	1.49	6.32	45	3.04	45	04	0.0	0.0		0.0			5	3	1	0
Sept.	1.18	3.65	46	2.04	46	18	0.1	6.0	65	5.0	65	16	5	3	1	0
Oct.	.87	2.71	41	1.87	41	26	0.6	6.0	46	6.0	46	07	4	2	1	0
Nov.	.54	2.90	44	1.32	48	05	3.8	19.0	47	10.0	47	21	3	2	0	0
Dec.	.34	0.76	40	.45	46	08	3.8	12.7	51	6.1	55	03	3	1	0	0
Annual	16.37	JUNE 10.90	47	JUNE 3.08	47	18	31.6	MAR. 24.0	59	JAN. 14.0	44	27	65	40	9	2

*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, 1933-1965

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

JANUARY DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
01	62	43	-22	45	.46	60	7.1	60	26.5
02	57	57	-12	52	.06	59	1.0	59	25.5
03	62	55	-24	59	.88	49	11.0	49	23.8
04	60	35	-28	42	.34	44	4.0	44	24.5
05	58	56	-29	42	.09	48	1.5	64	23.9
06	61*	65	-14*	42	.03	53	0.4	53	25.3
07	63	65	-30	42	.05	44	1.0	44	24.5
08	58	58	-23	37	.05	64	1.5	64	27.4
09	64	56	-21	37	.52	39	4.0	39	26.3
10	60	56	-21	57	.27	63	4.0	49	26.2
11	58	36	-16	63	.13	63	0.5	64	27.2
12	62	59	-22	63	.12	48	1.5	48	25.4
13	62	53	-09	57	.03*	57	0.8	56	25.7
14	58	53	-06*	57	.04*	59	0.7	37	27.2
15	56	38	-16	50	.58	53	5.0	53	24.1
16	55	51	-27	57	.20	60	2.0	49	23.1
17	57	46	-23	43	.26	55	5.0	55	20.8
18	59	46	-30	43	.25	50	5.0	50	21.1
19	55	47	-26	62	.03*	62	0.7	37	19.8
20	60	44	-22	43	.39	45	4.5	45	19.7
21	64	64	-32	35	.16	47	3.0	47	19.5
22	54*	47	-16	57	.21	53	2.0	53	22.1
23	60	34	-23	63	.12	36	2.0	65	22.8
24	58	44	-16*	57	.14	34	3.0	36	21.7
25	60	35	-40	57	.13	63	1.0	63	20.1
26	56	42	-34	57	.10	38	1.0	38	19.4
27	58	35	-30	57	1.34	44	14.0	44	23.3
28	62	35	-16*	51	.24	47	5.0	47	24.1
29	61	35	-28	49	.09	57	1.0	63	21.7
30	61	35	-27	36	.16	46	2.0	56	21.8
31	60	62	-18	51	.14	43	2.0	43	22.6

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE

FEBRUARY DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
01	65	35	-25	56	.39	39	5.0	39	24.0
02	65	62	-21	56	.12	36	2.0	63	25.4
03	68	62	-20	49	.31	60	3.0	60	26.8
04	64	54	-26	36	.12	55	2.0	55	28.8
05	64	54	-33	36	.84	46	9.0	46	29.3
06	63	63	-37	36	.15	37	1.0	37	27.8
07	65	63	-23	36	.02	65	0.0		25.7
08	63	34	-43	36	.20	42	1.0	40	25.9
09	72	54	-35	36	.22	43	4.0	43	24.7
10	73	62	-27	36	.61	53	5.5	53	24.1
11	69	62	-25	44	.30	65	5.0	65	26.1
12	73	62	-21	58	.10	42	2.0	36	27.1
13	68	34	-18	36	.32	62	3.0	33	27.6
14	68	54	-37	36	.42	52	4.5	52	28.4
15	68	54	-17	36	.12	36	3.0	36	28.1
16	62	50	-28	36	.20	56	5.9	56	27.3
17	66	43	-28	36	.35	61	3.0	62	27.8
18	68	43	-40	36	.14	45	3.5	45	26.5
19	66	43	-28	36	.78	55	6.9	55	25.2
20	71	35	-21	36	.19	55	2.0	65	24.2
21	70	35	-12	36	.18	57	4.0	57	24.9
22	68	58	-16	57	.08	42	1.0	42	27.1
23	66	58	-12	65	.22*	41	5.0	34	27.0
24	68	46	-20	55	.20	45	4.0	45	26.7
25	70	58	-10	60	.18	46	0.8	63	26.7
26	71	50	-34	34	.14	58	0.1	37	27.7
27	66	65	-19	62	.36	54	3.4	53	28.3
28	65	40	-29	62	.05	58	2.0	58	29.6

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE

MARCH DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
01	65*	41	-06	43	.12	58	3.5	60	31.6
02	70	46	-12*	47	.30	51	6.0	51	31.1
03	64	46	-27	60	.37	34	4.0	64	28.9
04	69	50	-13	62	.40	35	5.0	59	27.6
05	74	37	-08*	62	.22	43	4.0	43	27.2
06	71	37	-34	43	.20	51	4.0	51	27.6
07	60	37	-26	43	.11	61	1.0	61	29.2
08	63	41	-13	51	.00		0.0		31.2
09	63*	55	-06	48	.36	43	5.0	43	33.9
10	67	46	-10	48	2.00	56	7.0	59	34.2
11	70	46	-21	48	.14	62	2.0	62	32.6
12	71	33	-16	50	.85	54	8.5	54	32.8
13	69	45	-07	60	.75	52	5.9	52	33.2
14	77	35	-13	54	.72	59	5.5	59	31.8
15	72	35	-06	43	.35	46	1.2	55	31.4
16	68	40	-02	43	.76	46	2.0	63	33.9
17	74	38	-02	65	.11*	44	2.0	65	35.0
18	65	53	-12	65	.73	63	3.7	57	34.6
19	72	41	-10	43	.10	54	1.0	54	35.3
20	71	38	-11	65	.36	42	8.0	55	37.6
21	76	45	-12	65	.34	53	0.6	55	38.3
22	79	39	03	55	.24	34	3.0	65	40.1
23	79	39	-05	65	.50	45	4.0	64	38.0
24	80	39	-01	64	1.20	37	13.0	37	36.6
25	80	39	-15	65	1.35	45	5.0	59	36.9
26	78	60	-02	55	.38	42	1.0	54	37.3
27	82	56	-01	37	.20	39	2.0	56	38.2
28	82	46	-02	44	.25	40	1.5	34	38.4
29	85	43	02	44	.20	34	2.0	34	39.0
30	82	43	01	34	.20	35	2.3	36	40.0
31	85	46	05*	54	.15	35	3.8	36	42.2

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE

APRIL DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
01	80*	63	06	36	.20	35	1.8	36	42.3
02	75	43	-02	36	.85	64	9.0	53	41.2
03	82	43	-08	36	.85	57	7.5	57	40.4
04	81	43	10	45	.40*	58	5.0	34	40.5
05	79	60	13	36	.56	55	2.0	36	41.4
06	84	59	08	36	.40	57	5.0	38	43.5
07	80	54	02	48	.25*	62	0.0		42.0
08	82	52	01	38	.17	53	0.0		42.8
09	74	48	12	56	1.23	43	2.0	56	42.7
10	85	60	16	51	.47	35	2.0	50	43.2
11	77	49	12	44	.39	43	1.0	59	41.7
12	80	42	06	59	.40	55	0.0		42.2
13	85	46	13	51	.53	41	0.7	49	47.6
14	86	42	15	33	.30	41	1.0	61	49.5
15	81	37	13	61	.76	38	2.3	53	48.1
16	85*	64	10	51	1.30	40	2.0	40	48.0
17	87	48	12	56	1.47	39	8.0	39	47.7
18	82*	62	11	56	.35	42	0.2	53	48.8
19	85	61	18	56	.62	59	5.0	59	50.8
20	90	62	18	50	1.55	33	4.0	51	49.0
21	87	46	18	59	.65	33	0.0		50.2
22	81*	50	17	51	.44	57	2.0	63	52.0
23	85	39	24	51	.50	42	3.0	47	50.5
24	89	62	24*	58	1.54	42	0.0		49.4
25	90	62	23	58	1.60	35	1.0	58	49.6
26	83	62	20	45	2.01	54	0.0		49.6
27	87*	55	25	50	.89	42	3.0	60	50.0
28	89	52	19*	61	.73	37	4.0	50	51.2
29	85	51	17	56	.72	53	5.0	50	51.2
30	87*	65	19	50	1.01	42	3.6	54	51.4

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE

MAY DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
01	94	59	20	50	2.66	42	0.4	54	53.2
02	87	55	25	54	1.06	46	2.2	54	53.4
03	89	40	14	54	.36	33	0.3	54	52.5
04	88	52	20	44	1.03	59	0.0		52.3
05	87*	39	12	44	1.55	59	2.0	50	53.8
06	86	36	25	48	1.34	42	10.0	42	53.0
07	92	34	23	43	1.05	44	6.0	50	53.1
08	96	34	26	38	.71	52	0.0		52.8
09	94	62	21	38	.60	48	3.0	65	54.7
10	90	61	28	46	.45	48	3.0	48	54.6
11	90*	62	25	48	.75	64	0.0		55.7
12	90	41	18	43	2.40	42	0.0		55.9
13	96	41	22	53	1.57	42	0.0		56.7
14	92	36	28*	59	2.25	65	0.0		56.0
15	91	36	27	38	.31	51	0.0		56.5
16	95	34	30	48	.73	57	1.0	42	57.5
17	98	34	33	42	1.20	44	0.0		58.7
18	99	34	27	43	.63	35	0.0		58.6
19	95	34	31	40	1.20	38	0.0		57.7
20	90	64	29	46	1.56	57	0.0		58.8
21	97	64	24	63	.90	61	0.0		58.8
22	93*	64	28	45	1.12	52	0.0		59.8
23	89	58	29	47	1.43	54	0.0		60.4
24	86*	59	31	64	1.43	65	0.0		60.2
25	88*	58	30*	46	1.10	42	0.0		60.1
26	89	34	32	43	1.33	55	0.0		59.8
27	93	34	33*	65	.82	47	0.0		60.9
28	98	34	29	47	1.58	56	4.0	47	61.6
29	101	34	22	47	.66	62	0.0		61.9
30	94	34	28	47	1.40	46	0.0		62.4
31	91	33	30	64	1.11	58	0.0		62.1

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE

JUNE DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
01	98	34	32	51	1.55	36	0.0		61.6
02	98	40	31*	64	.62	58	0.0		62.6
03	90	33	32	51	.80	55	0.0		61.9
04	95	39	29	43	.90	40	0.0		63.2
05	95	39	35	43	1.58	37	0.0		62.8
06	97	50	29	44	.77	62	0.0		64.4
07	95	59	35	35	1.23	54	0.0		63.3
08	95	52	34	37	1.05	64	0.0		63.1
09	94	48	35	45	1.33	41	0.0		63.4
10	98	33	33	50	.92	55	0.0		63.5
11	95*	53	31	47	.83	57	0.0		64.0
12	101	56	34	47	1.92	44	0.0		65.1
13	100	52	32	47	2.45	62	0.0		66.0
14	99	59	38	41	.78	50	0.0		67.0
15	99	36	41	47	1.36	53	0.0		67.2
16	101*	52	32	45	.93	57	0.0		67.4
17	102	40	40	43	.79	62	0.0		67.8
18	101	40	37	45	3.08	47	0.0		67.8
19	97	41	36	45	1.03	53	0.0		67.8
20	94	40	41	45	.78	58	0.0		68.8
21	98	61	42	48	2.25	47	0.0		67.1
22	101	37	40	56	1.30	47	0.0		68.2
23	102	37	30	46	.90	43	0.0		68.2
24	104	36	43*	60	.20*	52	0.0		71.1
25	103	36	34	58	1.05	52	0.0		70.0
26	103	61	35	58	.97	65	0.0		71.0
27	105	61	41	58	2.12	52	0.0		70.4
28	103	61	38	44	.86	47	0.0		70.3
29	104	61	39	50	.90	59	0.0		71.3
30	101	61	42	51	.64	47	0.0		71.7

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE

JULY DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
01	99	48	35	59	.27	38	0.0		71.2
02	101	49	39	45	1.09	56	0.0		73.7
03	106	36	38	45	1.07	43	0.0		72.8
04	110	40	44	59	1.23	44	0.0		73.7
05	108	40	44	57	.70	38	0.0		74.2
06	110	40	44*	45	1.33	38	0.0		75.1
07	108	40	47	58	1.02	38	0.0		75.1
08	112	40	39	52	.94	43	0.0		73.7
09	103	36	41	59	.48	44	0.0		73.9
10	109	39	44	59	1.20	42	0.0		75.2
11	110	39	44	46	1.00	40	0.0		75.2
12	102	39	46	44	2.40	41	0.0		73.7
13	106	54	46	50	.60	49	0.0		73.2
14	101*	42	43	52	.53	62	0.0		72.8
15	105*	36	46	61	.05	45	0.0		74.2
16	104	36	51*	58	.72	50	0.0		75.8
17	104*	61	42	50	1.02	48	0.0		76.2
18	104	34	45	47	.65	65	0.0		74.6
19	105	34	44	56	.65	61	0.0		75.1
20	110	40	41	56	.54	54	0.0		75.9
21	106*	64	41	56	.48	51	0.0		74.2
22	109	64	43	56	1.27	35	0.0		75.6
23	112	40	33	48	.66	55	0.0		75.1
24	106	40	50	56	.65	34	0.0		75.9
25	108	36	44	37	1.74	34	0.0		75.9
26	101*	60	50*	48	.50	44	0.0		75.4
27	104*	60	48	48	1.00	42	0.0		76.6
28	107*	47	48*	44	.88	38	0.0		75.8
29	105	33	50	44	.25	49	0.0		76.3
30	106*	46	42	48	.93	56	0.0		74.5
31	105*	60	46	50	.10	42	0.0		76.7

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE

AUGUST DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
01	105	43	46	50	.82	33	0.0		76.2
02	104*	46	44	49	2.73	53	0.0		75.5
03	103*	47	49	37	.73	37	0.0		74.9
04	104	47	42	48	3.04	45	0.0		75.4
05	104	47	44	44	.44	50	0.0		75.7
06	104	41	49	45	.55	55	0.0		76.3
07	102	35	45	53	.55	39	0.0		75.5
08	104	47	39	39	.83	45	0.0		74.8
09	106	47	42	46	.33	39	0.0		73.5
10	105	36	40	46	.27	39	0.0		73.8
11	105*	65	41	39	.70	34	0.0		73.3
12	106	65	37	64	1.27	61	0.0		72.3
13	104	65	45*	63	.90	45	0.0		73.8
14	109	37	47	42	.58	50	0.0		75.2
15	106	40	40	42	.29	51	0.0		74.2
16	102	48	40*	43	.05	65	0.0		72.7
17	102	59	39	43	.50	60	0.0		71.4
18	104	59	38	46	1.29	56	0.0		73.3
19	103	48	36	46	.22	39	0.0		72.4
20	100	46	40	38	.98	45	0.0		71.6
21	105	60	38	50	.81	44	0.0		71.7
22	102*	60	42	39	.35	64	0.0		72.4
23	101*	43	40	39	.29	44	0.0		72.1
24	105	36	42*	62	1.30	44	0.0		72.1
25	100	36	36	34	.99	33	0.0		72.3
26	100	37	41	44	.97	33	0.0		71.6
27	101*	62	40	34	.49*	50	0.0		70.9
28	101	59	37	62	.42	33	0.0		70.8
29	103	48	38*	56	.20	37	0.0		69.5
30	106	48	36*	46	.67	63	0.0		69.9
31	102	60	37*	65	.11	42	0.0		69.7

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE

SEPTEMBER DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
01	103	40	35*	65	.48	59	0.0		69.7
02	102*	60	30	52	.74	38	0.0		69.0
03	104	60	34	34	.15	35	0.0		67.2
04	102	48	31	35	.62	36	0.0		67.0
05	100	47	32	53	1.29	54	0.0		67.5
06	99	33	33	56	.68	49	0.0		67.3
07	99	47	38	56	1.48	46	0.0		66.9
08	101	59	29	43	.54	54	0.0		67.3
09	96*	55	26	43	.32	44	0.0		65.4
10	96	42	26	62	.44	50	0.0		63.3
11	98	48	29	40	.05	38	0.0		64.7
12	96	34	31	43	.42	45	0.0		64.0
13	96	55	29	49	.82	57	0.0		63.8
14	96	35	26	61	.06	50	0.0		63.2
15	110	48	26	43	.07	54	0.0		61.3
16	96*	61	24	43	.35	65	5.0	65	61.7
17	93*	63	26	55	.30	59	0.0		62.4
18	97	41	30	49	2.04	46	0.0		62.7
19	97	41	28*	42	.61	61	0.0		59.5
20	97	37	30	42	2.01	55	0.0		60.2
21	97	56	25	53	.68	55	0.0		59.0
22	96	58	26	51	.72	63	0.0		58.3
23	95	58	19	56	.52	41	0.0		59.2
24	90*	54	25	65	.59	59	0.0		57.9
25	93	64	17	42	.54	55	0.0		56.8
26	91	63	21	34	.53	36	0.0		56.3
27	92	56	21	58	.12	45	0.0		56.2
28	94	52	22	51	.11	65	0.0		56.9
29	93	33	26	45	.65	65	0.0		57.0
30	90	63	21	61	.58	45	1.0	65	54.9

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE

OCTOBER DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
01	89*	63	20	58	.42	40	0.0		55.8
02	94	53	24	52	.30	44	0.0		55.3
03	89	63	25	35	.52	51	0.0		57.7
04	94	63	23	52	.26	41	0.0		56.7
05	95	47	18	52	.73	46	0.0		56.8
06	89	56	06	52	.82	62	0.0		54.0
07	90*	60	12	52	.64	46	6.0	46	52.1
08	90	56	13	46	.04	49	0.0		52.4
09	87*	65	25*	56	.87	39	0.0		53.7
10	90	47	14	58	.77	49	0.0		54.6
11	90*	43	15	48	.43	47	0.0		54.2
12	88*	58	20	48	1.29	43	0.0		55.7
13	90	56	19	48	.81	42	0.0		57.1
14	88	58	20	56	.51	42	0.0		52.7
15	90	58	18	54	.35	44	0.0		54.3
16	84	61	18	48	1.02	34	0.0		51.6
17	86	56	06	48	.24	33	2.0	51	50.4
18	92	58	20	46	.56	37	0.0		51.8
19	86*	63	18	45	.96	65	0.0		49.7
20	88	47	20*	45	.30	53	0.0		50.1
21	89	47	14	48	.92	53	3.0	35	47.6
22	81	34	10	36	.20	41	0.0		47.5
23	81	54	15	38	.13	55	0.0		46.6
24	81	40	15	45	.10	46	0.5	57	47.7
25	84	40	13	42	.41	47	0.0		47.5
26	84	40	13*	57	1.87	41	3.0	54	46.2
27	81	44	18	42	.07	54	0.9	54	46.6
28	79*	45	06	52	.12	48	0.0		45.7
29	85	33	15*	55	1.08	48	1.0	61	47.3
30	88	50	15	45	.68	43	1.0	59	45.1
31	81	33	09	35	.12	63	0.0		44.0

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE

NOVEMBER DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
01	73	65	03	35	.38	36	2.0	51	43.7
02	76	65	-02	51	.34	36	3.4	36	38.1
03	70	49	00	36	.68	56	5.0	56	37.8
04	67*	65	04	35	.28	60	1.0	51	38.9
05	76	45	03	33	1.32	48	0.2	33	37.9
06	78	34	-04	59	.58	47	6.0	47	38.3
07	71*	54	03	33	1.11	44	5.0	48	37.5
08	72*	64	01	48	.69	44	0.4	50	36.7
09	68	64	03	45	.24	46	3.0	46	37.0
10	78	58	00	40	.23	40	2.5	40	38.5
11	79	37	-05	40	.02	55	0.1	59	38.6
12	71	45	-12	40	.35	59	6.0	59	36.9
13	75	54	-13	40	.12	44	1.2	59	36.7
14	71	53	-16	59	.14	56	0.5	56	38.1
15	76	42	-01	55	.48	44	7.0	44	36.8
16	74	53	-09	55	.20	58	2.5	58	35.4
17	71	53	-07	55	.51	52	5.0	52	33.8
18	75	42	-04	55	.65	52	4.0	52	36.3
19	68	33	00	37	.20	48	2.0	48	34.5
20	70	62	-01	37	.12	56	1.0	56	32.9
21	68	60	-13	64	.80	47	10.0	47	32.2
22	66	55	-10	47	.26	52	2.9	52	32.5
23	66	54	-07	52	.22	48	0.5	50	33.0
24	68	33	-12	50	.10	48	0.0		35.0
25	75	60	-05	44	.50	44	7.0	44	36.5
26	67	60	00	58	.19	54	0.3	52	34.7
27	72	49	-03	52	.00		0.0		33.5
28	67	45	-08	64	.28	60	2.0	60	31.4
29	69	45	-03	55	.16	64	3.0	64	31.7
30	71	41	-10	44	.33	54	4.9	54	33.4

* INDICATES PRIOR OCCURRENCE OF INDICATED VALUE

DECEMBER DAILY EXTREME VALUES

DAY	MAX	YR	MIN	YR	PREC	YR	SNFL	YR	MEAN TEMP
02	68	51	-08	42	.20	64	4.0	64	32.2
03	71	41	-04	64	.39	55	6.1	55	34.1
04	65	56	00*	42	.25	60	1.5	60	31.6
05	69	39	-14	50	.34	47	4.0	33	28.5
06	70	39	-19	50	.14	51	2.5	51	28.5
07	68	41	-17	50	.22	63	3.0	51	29.5
08	60*	40	-12	37	.45	46	3.5	53	27.5
09	67	39	-18	51	.13	36	2.0	36	25.6
10	58	39	-12	37	.08	63	1.0	63	24.9
11	71	39	-05	61	.30	65	2.0	65	27.5
12	55*	39	-10	61	.20	40	2.0	56	24.7
13	61	62	-10	49	.12	37	2.0	35	25.5
14	61	57	-24	63	.20	45	2.0	45	26.3
15	63	39	-20	45	.37	42	2.0	33	27.3
16	65	62	-15	64	.18	54	2.7	54	27.5
17	62	62	-24	64	.13	63	1.0	63	25.5
18	65	43	-09	64	.16	61	1.6	61	27.4
19	62	41	-19	61	.05	60	0.5	60	27.6
20	69	41	-14	51	.13	62	1.2	51	28.8
21	67	41	-23	51	.02*	60	0.2	63	30.4
22	64	33	-13	60	.26	52	2.5	52	29.6
23	61*	64	-11	44	.38	44	6.0	44	27.5
24	62	55	-19*	44	.20	64	3.0	64	27.6
25	60	50	-18	44	.34	41	5.0	41	27.6
26	60	46	-16	33	.16	41	2.0	61	24.7
27	59	47	-12	39	.07	60	0.7	60	25.0
28	58	56	-20	41	.00		0.0		24.5
29	64	33	-23	46	.04	64	1.0	64	25.8
30	59*	56	-07	46	.18	40	0.8	57	28.6
31	58	63	-08	46	.24	40	2.0	41	27.8

* 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.

1933-1965

MEAN MINIMUM TEMPERATURE (°F.)

YR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	ANNL
33	14.2	3.7	25.6	31.8	40.3	56.3	61.6	55.6	48.5	32.7	24.2	18.8	34.6
34	17.9	15.5	23.0	33.4	48.3	53.4	60.8	55.8	39.3	39.7	25.0	14.5	35.6
35	11.3	21.0	25.6	30.5	40.4	50.4	61.3	55.7	44.0	29.2	19.8	14.1	33.6
36	3.8	-11.3	23.1	30.5	47.9	56.0	63.9	58.5	46.6	30.2	20.1	15.3	33.9
37	-6.5	12.6	19.5	31.8	44.0	50.9	58.0	61.2	47.4	35.0	20.6	13.9	32.4
38	16.8	13.8	27.1	31.9	41.0	52.2	56.9	57.4	47.2	46.1	20.8	15.2	35.5
39	18.6	4.7	22.6	32.0	47.3	52.4	61.7	54.2	47.4	34.5	19.7	18.4	34.5
40	3.6	19.6	24.8	33.2	41.2	53.8	66.0	56.0	51.7	37.0	18.1	18.4	35.3
41	14.7	17.7	22.7	36.4	46.5	53.8	57.9	57.6	46.0	34.5	28.9	27.0	37.0
42	10.3	15.5	24.4	38.1	39.9	52.3	56.9	54.9	42.4	32.3	20.1	15.5	33.6
43	3.3	18.6	9.2	34.7	37.8	50.5	57.6	55.5	40.1	30.5	19.4	9.5	30.6
44	7.5	6.9	16.3	28.8	42.5	48.3	54.0	54.4	41.6	28.6	20.6	11.2	30.1
45	13.1	13.3	22.5	29.1	37.1	43.4	54.2	53.9	41.5	31.5	20.5	8.4	30.7
46	14.0	17.3	28.5	36.1	40.4	50.8	58.0	53.6	45.4	30.8	19.1	15.8	34.2
47	13.7	10.2	17.0	30.6	37.4	48.8	57.1	57.5	44.0	37.8	16.3	15.5	32.2
48	10.7	11.9	16.6	33.9	43.3	51.6	54.6	54.4	49.4	28.2	21.4	10.0	32.2
49	-6.1	6.5	23.1	33.6	45.2	50.0	58.9	57.7	42.4	34.9	26.0	10.9	31.9
50	0.6	18.1	16.8	29.4	39.0	50.3	54.7	53.3	47.0	39.1	19.3	14.4	31.8
51	8.5	13.0	12.4	26.2	43.0	45.8	57.8	54.9	42.4	33.7	18.6	5.5	30.2
52	10.1	16.6	18.5	33.3	43.3	55.8	56.3	57.4	45.4	26.6	15.4	12.2	32.6
53	18.0	16.5	24.9	27.1	41.3	55.2	59.9	57.4	41.3	37.0	25.9	13.8	34.9
54	8.4	23.4	16.9	32.0	41.5	51.6	60.4	56.4	47.1	32.6	24.4	18.3	34.4
55	9.3	8.5	16.9	34.2	43.5	49.7	59.9	60.3	46.7	32.6	12.9	12.0	32.2
56	11.7	8.1	20.7	24.2	43.3	54.0	52.0	50.0	37.4	32.6	15.1	11.5	30.1
57	-7.9	8.4	21.1	30.9	44.2	51.7	58.5	58.1	41.8	38.9	22.6	20.6	32.4
58	14.5	13.2	19.1	31.9	45.5	50.0	52.5	54.5	45.8	31.0	21.6	13.8	32.8
59	9.4	10.7	23.7	30.0	42.0	54.1	54.5	60.8	46.0	30.9	17.1	21.5	33.4
60	11.6	9.7	19.3	33.7	42.4	52.5	61.1	58.7	49.1	36.3	24.7	14.1	34.4
61	15.3	21.3	28.0	29.4	44.2	53.5	58.0	61.2	43.5	34.7	22.9	12.2	35.4
62	9.4	13.1	18.9	34.3	46.1	53.4	57.2	54.6	45.1	38.8	28.6	16.6	34.7
63	2.0	19.5	27.2	33.8	44.4	55.7	61.4	59.9	51.7	42.7	25.0	10.7	36.2
64	16.6	17.1	18.9	34.0	45.0	51.2	62.0	55.2	43.9	33.3	20.0	11.8	34.1
65	17.0	12.3	10.1	35.8	42.7	53.7	59.3	55.5	40.6	37.5	26.9	21.3	34.4

MEAN MAXIMUM TEMPERATURE (°F.)

YR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	ANNL
33	44.1	37.2	53.0	62.7	66.8	90.2	94.5	84.0	82.8	71.5	55.4	46.4	65.7
34	46.7	47.6	53.7	65.2	84.9	85.2	94.8	87.2	75.4	70.7	55.7	41.3	67.4
35	44.1	50.1	53.2	54.2	61.7	78.5	94.4	90.5	81.3	66.3	44.8	36.1	62.9
36	32.9	18.4	49.0	58.2	77.7	85.8	99.9	92.7	79.9	62.9	45.4	37.2	61.7
37	22.0	37.1	46.8	60.4	74.7	79.5	91.9	95.4	83.7	66.5	48.3	40.1	62.2
38	41.9	44.5	53.6	62.2	71.0	84.6	89.5	92.9	81.3	68.3	43.1	38.6	64.3
39	38.2	28.0	50.1	59.4	76.5	82.1	97.0	89.9	84.3	67.8	56.9	49.1	64.9
40	26.5	40.7	52.0	58.4	74.7	87.7	100.2	89.9	84.6	72.5	47.6	42.3	64.7
41	40.5	42.0	49.2	59.5	78.3	80.0	89.9	89.5	80.6	63.4	54.3	47.6	64.6
42	35.9	37.0	51.1	67.5	67.0	78.1	91.8	88.4	77.5	69.4	57.3	45.2	63.9
43	38.4	49.7	44.8	70.5	68.7	79.3	92.5	95.7	81.4	72.5	53.5	45.5	66.0
44	41.9	39.4	43.6	59.0	75.1	79.6	87.8	89.2	80.7	73.5	54.7	42.2	63.9
45	42.5	43.6	58.3	58.2	70.6	72.2	90.9	87.8	79.5	73.8	59.0	37.1	64.5
46	45.3	48.5	61.1	73.1	66.4	78.4	92.3	87.1	79.4	59.6	51.9	42.8	65.5
47	41.3	36.5	44.5	59.3	70.4	77.6	89.5	94.8	83.6	75.0	40.0	41.5	62.8
48	38.9	38.4	45.0	67.8	71.0	78.6	89.6	90.4	83.4	67.4	47.1	37.3	62.9
49	21.0	36.0	46.1	66.9	72.0	81.6	90.9	89.0	76.9	61.6	60.7	40.2	61.9
50	32.7	47.6	44.0	56.6	66.9	83.2	82.9	84.9	73.1	71.7	48.2	43.4	61.3
51	36.2	47.4	41.5	56.1	69.8	71.9	85.9	83.7	71.3	61.1	47.4	33.6	58.8
52	37.4	42.1	40.4	64.3	69.6	84.9	87.1	88.1	82.4	67.2	44.5	35.9	62.0
53	42.4	37.6	51.4	50.1	64.2	83.0	85.1	85.5	81.7	71.1	53.8	39.2	62.1
54	37.2	55.5	39.9	64.2	65.9	78.1	91.4	87.1	80.8	61.9	57.1	43.1	63.5
55	36.6	31.8	43.4	64.2	76.6	76.8	91.3	91.4	79.4	68.5	40.7	36.5	61.3
56	38.6	37.8	49.6	53.5	70.4	88.7	85.6	84.6	81.1	73.7	45.5	45.9	62.9
57	27.3	45.3	47.0	52.2	65.2	77.0	90.8	87.5	75.2	58.7	45.8	49.1	60.1
58	45.0	37.6	37.8	55.7	78.6	77.6	82.2	89.8	80.9	68.6	51.4	40.2	62.1
59	37.7	37.3	50.4	60.9	68.0	86.0	89.0	95.4	75.8	61.6	42.4	45.1	62.5
60	33.5	31.0	45.1	63.1	73.0	80.6	95.2	91.4	80.7	69.0	51.6	36.4	62.6
61	39.1	45.3	51.3	58.1	68.0	88.2	91.7	92.7	74.1	65.3	47.2	37.1	63.2
62	33.3	40.2	44.3	67.9	74.1	79.1	86.8	91.0	81.0	68.9	55.7	42.5	63.7
63	27.5	47.3	56.0	63.0	74.4	86.5	94.5	92.0	84.4	75.7	56.9	34.7	66.2
64	40.5	39.8	47.3	60.8	75.0	80.3	96.3	88.0	80.8	70.6	51.0	35.8	63.9
65	42.9	39.7	38.1	64.6	73.0	79.3	88.4	88.1	66.5	72.2	53.6	43.8	62.5

MONTHLY AND SEASONAL SNOWFALL (IN.)

SEASON	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	TOTAL
-33					0	4.0	5.3	0	0	09.3
33-34	0	0	0.2	6.0	1.5	7.0	5.9	8.0	0	22.4
34-35	0	0	0	0	2.0	4.5	8.2	1.6	0	16.3
35-36	0	3.0	0	2.0	8.4	11.0	8.6	3.8	0	36.8
36-37	0	2.0	5.5	6.0	5.9	1.7	13.4	2.5	0	37.0
37-38	0	0	4.2	2.7	1.0	2.4	4.6	5.0	0	19.9
38-39	0	0	3.0	0	4.0	9.3	3.0	8.0	0	27.3
39-40	0	0	0	3.0	4.9	1.4	2.0	2.0	0	13.3
40-41	0	0	2.5	4.5	0.5	3.0	5.0	0	0	15.5
41-42	0	0	0	11.0	0	1.0	3.6	0	11.0	26.6
42-43	0	0	3.0	0	2.0	4.0	11.4	0	0	20.4
43-44	0	0	1.0	0	20.0	2.5	1.6	1.0	0	26.1
44-45	0	0	14.0	8.0	5.5	10.5	0	0	0	38.0
45-46	0	0	0	5.8	3.5	9.0	0	0	1.5	19.8
46-47	0	6.0	3.0	1.2	10.0	0	1.5	3.0	4.0	28.7
47-48	0	0	19.0	3.0	4.0	5.1	4.0	0	3.0	38.1
48-49	0	0	7.0	3.0	22.0	0	8.8	0.7	0	41.5
49-50	0	0	0	3.9	6.0	0.7	6.8	11.0	8.0	36.4
50-51	0	0	2.1	0.3	1.1	2.6	10.0	4.0	0	20.1
51-52	0	3.0	5.6	12.7	2.0	9.0	15.9	1.4	0	49.6
52-53	0	0	13.5	2.5	9.6	16.8	5.2	13.3	0	60.9
53-54	0	0	2.6	5.8	3.3	1.0	21.1	3.6	2.9	40.3
54-55	0	3.9	5.7	4.6	10.6	13.9	13.7	2.3	0	54.7
55-56	0	0	2.2	7.5	7.9	7.4	12.5	10.0	0	47.5
56-57	0	0	13.5	2.6	5.5	4.2	12.0	16.0	0	53.8
57-58	0	0.5	1.8	0.8	2.5	6.0	6.5	4.0	0	22.1
58-59	0	0	3.0	4.4	4.7	5.4	24.0	7.0	0	48.5
59-60	0	1.5	7.8	1.2	9.4	9.8	5.1	3.0	0	37.8
60-61	0	0.5	2.0	3.4	0	4.0	2.5	1.0	0	13.4
61-62	0	1.0	1.0	4.9	0.9	6.0	7.0	0	0	20.8
62-63	0	0	0	1.3	8.5	5.8	5.5	2.0	0	23.1
63-64	0	0	0	4.7	5.5	11.2	10.0	1.0	0	32.4
64-65	0	0	3.5	11.0	5.5	10.0	10.5	1.0	3.0	44.5

TOTAL PRECIPITATION (IN.)

YR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	ANNL
33	.00	.25	.53	2.40	3.23	.23	1.46	4.25	.25	.28	.02	.32	13.22
34	.29	.29	1.07	.60	.43	2.48	2.87	1.49	.48	1.12	.00	.00	11.12
35	.08	.25	.82	3.48	3.24	1.67	1.94	.20	.51	.26	.00	.11	12.56
36	.56	.64	.30	.74	.89	3.12	.36	.42	1.15	.17	.93	.32	9.60
37	.29	.18	1.37	.96	3.21	4.68	1.50	1.32	.43	1.05	.35	.24	15.58
38	.21	.20	1.00	1.56	3.48	2.11	5.39	1.24	1.28	.09	.45	.00	17.01
39	.54	.67	.48	1.85	5.01	1.69	.71	1.89	.92	1.09	.00	.35	13.20
40	.29	.52	1.05	3.52	.37	1.74	1.22	.50	1.07	.95	.45	.76	12.44
41	.42	.37	.98	2.86	1.29	3.48	3.57	.69	.82	2.71	.34	.74	18.27
42	.12	.50	1.38	5.28	10.03	2.54	3.25	.13	2.10	1.54	.36	.55	27.78
43	.33	.22	.87	1.93	2.20	3.09	3.00	.32	.94	2.10	.38	.00	15.38
44	1.81	.14	.49	1.05	5.08	4.94	3.53	3.02	.79	.81	2.90	.47	25.03
45	.44	.52	2.16	.34	1.38	3.48	1.29	6.52	1.75	.00	.00	.45	18.16
46	.38	1.14	1.21	.61	7.48	2.23	.34	1.14	3.65	2.08	.24	.55	21.05
47	.55	.00	.26	1.48	3.74	10.90	1.22	.94	.05	1.08	1.96	.34	22.52
48	.33	.35	.53	3.23	1.73	3.14	2.78	.73	.93	1.50	2.36	.14	17.75
49	1.42	.00	.31	1.33	2.63	2.31	1.69	1.31	1.30	1.86	.04	.21	14.41
50	.35	.07	.77	1.41	1.76	1.43	2.63	2.85	2.79	.20	.22	.03	14.51
51	.11	.10	.51	.55	2.08	2.57	3.45	.91	1.46	.88	.16	.71	13.49
52	.17	.83	1.70	.37	4.24	4.08	1.21	2.30	.29	.19	1.53	.26	17.17
53	1.08	1.44	.81	3.16	1.21	4.26	1.17	3.30	.07	1.44	.36	.42	18.72
54	.20	.58	2.55	2.53	2.52	2.17	.85	1.10	2.54	1.08	.59	.43	17.14
55	.73	1.30	.58	1.29	3.02	3.05	1.12	.69	3.32	.37	.25	.56	16.28
56	.32	.24	2.32	.94	3.34	2.07	3.48	3.71	.08	.04	1.45	.21	18.20
57	.45	.19	1.06	2.64	5.08	3.23	1.29	.93	1.01	1.27	.06	.12	17.33
58	.11	.38	.60	2.11	2.46	3.76	3.33	.06	.34	.13	.32	.22	13.82
59	.25	.36	1.08	1.29	4.39	2.98	.59	.65	2.47	.58	.58	.14	15.56
60	.85	.95	.39	2.24	2.29	2.19	.65	1.23	.37	.20	.73	.45	12.54
61	.00	.46	1.03	.88	4.44	.61	2.72	1.72	1.04	.97	.32	.32	14.51
62	.12	.95	.84	.36	4.96	6.71	1.97	.24	.82	1.06	.08	.35	18.46
63	.99	.60	1.17	1.93	1.26	4.22	1.06	1.41	1.56	.35	.09	.51	15.15
64	.15	.48	.65	3.32	1.97	4.78	1.46	1.16	.44	.05	.16	.62	15.24
65	.33	.63	.41	1.08	5.55	3.62	2.29	1.16	2.18	1.30	.21	.38	19.14