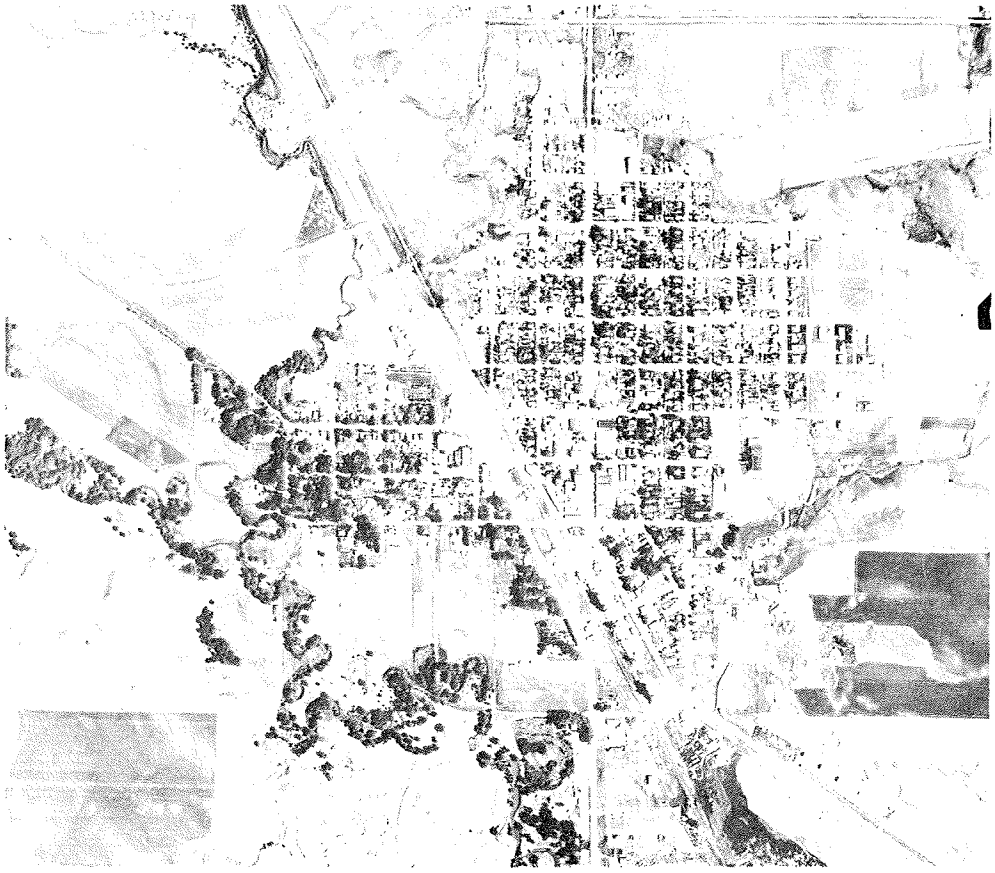
CLIMATOLOGICAL SUMMARY
LINTON, NORTH DAKOTA

Latitude 46° 16' N **ELEVATION 1685 FEET** **Longitude 100° 14' W**

Data Compiled From Official U. S. Weather Bureau Records



Prepared by Weather Bureau State Climatologist For North Dakota

In Cooperation With First National Bank of Linton

LINTON NORTH DAKOTA

Aerial View of the City of Linton, North Dakota

CLIMATE OF LINTON, NORTH DAKOTA

Linton, the county seat of Emmons County, is located in south-central North Dakota. The area to the west of Linton is hilly and steep land while to the east the topography is nearly level to gently rolling land. The main cash crops of the area are flax, oats, corn, and barley in addition to an extensive cattle industry.

The climate of Linton can be regarded as typical of the entire county, the topographical differences exerting only minor influences.

Linton, being near the geographical center of the North American Continent, has a continental climate characterized by cold and rather snowy winters, warm summer days and cool nights. The frequent passage of weather systems across the area brings a variety of weather in all seasons. Hot, humid days in summer are rare, but cold waves and blizzards can be expected each winter. Maximum temperatures during the three summer months of June, July, and August average about 84 degrees. Temperatures of 90 degrees or more occur on an average of 31 days per year ranging from 9 in the coolest of summers to 70 in 1936. Temperatures during the winter months of December, January, and February average 13.7 degrees, but maximum temperatures exceed 32 degrees on 30 days during these months. During outbreaks of cold, arctic air, temperatures drop to zero or below on 46 days each year.

The annual precipitation at Linton is 16.75 inches, of which 77% falls in the growing season, April through September, and 50% falls in the months of May, June, and July. Annual precipitation has ranged from over 26 inches in 1962 to about 5 inches in 1936. Summertime precipitation is usually in the form of thunderstorms, about 30 storms are reported each year. June is usually the wettest month of the year and June, 1943, when 7.60 inches of precipitation were measured is the wettest month on record. Precipitation of .10 inch or more per day can be expected on an average of 39 days per year, and rainfall of 1.00 inch or more per day occurs about twice each year. The likelihood of 1.00 inch or more of rain in a 7-day period is greatest the second week in June when the chance is one year in three. The likelihood of a dry 7-day period, trace or less, is greatest the third week in November when the chance is about 6 years in 10. Precipitation intensities of about 1.15 inches in 1 hour, 1.70 inches in 6 hours, and 2.00 inches in 24 hours can be expected once in two years. Twenty-five inches of snow can be expected each year in Linton, but snowfall has varied from over 52 inches in 1951-1952 to about 6 inches in 1927-1928. Over 13 inches of snow fell on February 28, 1951, for the greatest single day amount. The greatest snowfall in one month is 23 inches in February, 1952. Measureable snow can be expected 4 years in 10 in October, 2 years in 10 in May, and 5 years in 10 in April and in every year in the months November through March.

Wind, sunshine, and relative humidity records are not available at Linton but the following data from records at Bismarck approximate conditions at Linton. Sunshine averages about 60% of the possible amount ranging from about 50% in the winter to about 75% in summer. About 205 days each year are classified as either clear or partly cloudy. During the winter months, relative humidity averages about 75%, during the summer humidity ranges from about 80% in the early morning to 50% in the late afternoon. The average wind speed is about 11 miles per hour, the prevailing direction is west-northwest.

Alfred A. Skrede
State Climatologist
U. S. Weather Bureau
Bismarck, North Dakota

MEANS AND EXTREMES FOR PERIOD

Month	Temperature (°F) Means: Daily maximum	Daily minimum	Monthly	Extremes: Record highest	Year	Record lowest	Year	** Mean degree days	Precipitation Totals (Inches): Mean	Greatest daily	Year	Snow, Sleet: Mean	Maximum monthly	Year	Greatest daily	Year	Mean number of days: Precip. .10 inch or more	Temperatures: Max. 90° and above	Max. 32° and below	Min. 32° and below	Min. 0° and below	Month
(a)	45	45	45	45		45		30	45	45		45	45		45		45	45	45	45	45	
J	21.8	-1.9	10.0	55	1963+	-44	1950	1705	0.41	0.75	1929	5.1	12.7	1949	9.0	1949	1	0	25	30	16	J
F	26.6	3.1	14.9	67	1958	-52	1936	1425	0.45	1.00	1951	5.0	23.0	1952	13.5	1951	2	0	17	27	12	F
M	39.4	16.3	27.9	86	1946	-32	1948	1184	0.62	0.97	1946	3.9	12.6	1943	8.0	1920	2	0	8	29	4	M
A	57.4	30.2	43.8	93	1952	0	1928	627	1.37	2.50	1940	2.4	14.5	1953	5.5	1940+	3	*	*	18	*	A
M	70.2	41.7	56.0	108	1934	14	1929	316	2.41	1.86	1942	0.6	8.0	1932	6.0	1960	5	2	0	5	0	M
J	78.7	51.5	65.1	109	1936	30	1946+	108	3.59	4.42	1956	0.0	00.0		0.0		7	4	0	*	0	J
J	87.2	56.9	72.1	116	1936	33	1922	28	2.39	2.42	1962	0.0	00.0		0.0		5	11	0	0	0	J
A	86.3	54.8	70.6	110	1936+	26	1935	28	1.92	2.15	1931	0.0	00.0		0.0		4	11	0	*	0	A
S	74.8	44.4	59.6	106	1931	15	1942	189	1.55	1.79	1946	0.1	5.0	1942	5.0	1942	4	3	0	4	0	S
O	61.7	32.5	47.1	94	1963	-10	1919	555	1.10	2.04	1949	0.9	6.0	1919	5.0	1943	3	*	*	15	*	O
N	39.8	17.7	28.8	73	1931	-24	1940	1071	0.56	2.48	1928	3.1	13.8	1922	6.0	1959	2	0	7	28	3	N
D	27.5	5.1	16.3	69	1939	-35	1927	1479	0.38	0.59	1960	3.9	14.0	1951	8.0	1958	1	0	18	30	11	D
Year	56.0	29.4	42.7	116	July 1936	-52	Feb. 1936	8715	16.75	4.42	June 1956	25.0	23.0	Feb. 1952	13.5	1951	39	31	72	186	46	Year

(a) Average length of record, years.

T Trace, an amount too small to measure.

** Base 65°F

+ Also on earlier dates, months, or years.

* Less than one half.

e Data estimated.

MONTHLY AND SEASONAL SNOWFALL

	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	Total
1919 - 1920	0	6.0	8.0	1.1	8.5	3.0	8.0	4.0	0	38.6
1920 - 1921	0	0	T	1.2	3.0	2.0	7.0	7.0	T	20.2
1921 - 1922	0	T	6.0	2.6	2.8	12.0	2.0	0.2	0	25.6
1922 - 1923	0	1.0	13.8	4.0	7.0	4.5	2.0	2.8	0	35.1
1923 - 1924	0	0	0	4.0	2.5	2.5	9.5	12.2	1.2	31.9
1924 - 1925	0	0	T	6.0	3.9	3.4	3.0	T	0	16.3
1925 - 1926	0	0.4	0.6	3.8	3.5	3.2	T	T	0	11.5
1926 - 1927	T	T	3.0	3.2	4.5	1.3	3.0	T	T	15.0
1927 - 1928	0	0	1.7	1.6	3.0	T	T	T	0	6.3
1928 - 1929	0	0	T	0.2	12.0	8.0	0.6	1.2	T	22.0
1929 - 1930	0	3.5	1.0	12.5	2.5	4.0	T	T	0	23.5
1930 - 1931	0	T	10.0	3.0	T	3.0	2.0	T	0.2	18.2
1931 - 1932	0	1.1	5.0	3.5	7.1	2.0	4.0	T	8.0	30.7
1932 - 1933	0	1.0	1.0	2.2	5.0	1.7	3.1	4.0	T	18.0
1933 - 1934	0	1.0	4.5	1.0	T	T	3.1	T	0	9.6
1934 - 1935	1.2	0	T	1.4	0.6	1.3	2.6	3.8	0.5	11.4
1935 - 1936	0	2.0	4.3	2.6	5.0	2.0	4.2	0.1	0	20.2
1936 - 1937	0	T	5.7	2.7	9.8	2.2	6.0	3.5	0	29.9
1937 - 1938	0	0	2.6	7.2	6.1	5.8	1.1	0.2	0	23.0
1938 - 1939	0	0	6.0	1.2	4.0	6.5	0.5	T	0	18.2
1939 - 1940	0	2.0	T	3.2	0.1	3.0	7.4	6.8	0	22.5
1940 - 1941	0	0	4.2	0.5	4.7	1.8	5.0	T	0	16.2
1941 - 1942	T	T	1.0	0.4	T	7.3	9.2	1.0	0	18.9
1942 - 1943	5.0	4.1	0.5	7.0	11.8	4.7	12.6	0	3.0	48.7
1943 - 1944	0	5.0	6.0	2.4	7.9	7.4	7.5	0	T	36.2
1944 - 1945	0	0	4.9	0.8	7.0	6.7	1.1	3.0	0	23.5
1945 - 1946	0	0	0.5	6.9	0.8	8.1	4.3	3.0	0	23.6
1946 - 1947	0	4.3	0.4	4.3	3.5	0.9	1.8	12.0	0	27.2
1947 - 1948	0	0.5	7.8	3.2	2.5	10.0	4.6	0.4	0	29.0
1948 - 1949	0	0	1.3	3.8	12.7	2.0	0	0	0	19.8
1949 - 1950	0	0.5e	0	5.2e	8.2	4.8	6.1	9.0	6.0	39.8e
1950 - 1951	0	0	5.5	9.7	10.4	15.3	1.0	0	0	41.9
1951 - 1952	0	2.2	0.2	14.0	9.9	23.0	3.3	0	0	52.6
1952 - 1953	0	0	T	3.5	3.5	8.3	5.0	14.5	T	34.8
1953 - 1954	0	0	2.5	3.5	9.0	1.7	2.2	0.7	0	19.6
1954 - 1955	0	1.5	1.0	T	6.1	8.5	2.0	0	0	19.1
1955 - 1956	0	T	5.1	2.8	9.0	2.0	9.7	T	0	28.6
1956 - 1957	0	0	1.5e	2.0e	4.0e	3.0	0.5	2.5	0	13.5e
1957 - 1958	0	0	2.1	5.0	4.1	1.5	3.1	0	2.0	17.8
1958 - 1959	0	0	10.0	8.9	5.0	12.0	2.0	5.0	0	42.9
1959 - 1960	0	2.5	9.0	1.6	3.0	0.6	10.3	4.0	6.0	37.0
1960 - 1961	0	0	1.4	10.0	T	7.5	0.4	T	0	19.3
1961 - 1962	0	T	0.5	5.0	5.0	5.9	4.5	0	0	20.9
1962 - 1963	0	T	T	2.0	3.9	5.1	8.0	4.0	0	23.0
1963	0	0	0.2	3.4						

AVERAGE TEMPERATURE (F)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Ann'l
1919	21.8[e]	11.2[e]	20.0[e]	41.6	54.2	67.6	72.0	68.6	61.3	34.7	15.4	10.2	39.9[e]
1920	6.4	16.4	24.6	32.0	53.6	62.1[e]	69.2	65.6	60.6	52.1	31.6	19.0	41.1[e]
1921	19.9	23.9	30.8	44.6	55.4	72.0	75.9	71.4	60.0	49.2	23.2	19.2	45.5
1922	11.0	3.2	29.4	46.4	57.6	67.2	69.6	75.2	63.6	48.0	32.4	12.0	43.0
1923	13.6	6.4	24.0	43.0	57.4	66.2	74.0	66.2	62.0	46.0	33.6	21.6	42.8
1924	4.1	25.0	27.8	42.0	49.6	60.6	68.6	68.4	59.1	53.9	32.6	5.8	41.5
1925	10.6	18.6	29.9	49.2[e]	54.2[e]	58.1	66.8	71.8	63.8[e]	36.2	31.0	20.6	42.6[e]
1926	20.2	24.9	33.2[e]	45.2	59.8	64.4	73.4	68.6	55.7	44.8	24.5	10.0	43.7
1927	12.9	17.4	31.5	43.0	50.0	62.1	69.2	66.0	60.4	47.9	24.0	-1.9	40.2
1928	12.7	19.8	33.2	38.0	61.1	59.2[e]	69.0[e]	66.4[e]	55.4[e]	44.0	31.6	22.0	42.7[e]
1929	-2.6	4.0	33.5	45.1	52.7	64.8	74.5	72.4	53.6	48.3	26.6	14.4	40.6
1930	-0.3	24.8	28.0	49.8	51.8[e]	63.6[e]	75.4	71.2	57.2	40.7	29.6	18.6	42.5
1931	19.1	29.3	27.6	43.8	53.1	69.6	72.6	67.5	64.0	47.4	30.5	17.2	45.1
1932	7.7	13.8	20.2	47.1	57.2	66.2	71.7	70.0	57.2	39.9	28.0	11.7	40.9
1933	14.4	9.8	31.2	42.4	54.1	72.8	73.8	70.0	64.2	43.8	31.1	13.6	43.4
1934	21.3	22.6	28.8	45.2	67.6	67.7	74.8	71.4	55.1	50.6	36.6	16.4	46.5
1935	9.2	28.0	30.0	39.4	50.0	61.4	76.1	69.8	60.6	44.8	20.6	14.7	42.0
1936	-4.3	-11.9	28.8	38.6	62.6	70.7	84.8	74.2	63.0	44.2	29.8	15.9	44.4
1937	-7.7	8.0	28.2	42.6	59.2	63.4	73.6	76.8	61.2	45.3	25.4	11.4	40.6
1938	8.6	7.4	32.7	46.8	53.8	66.4	70.8	72.0	62.1	52.2	24.5	20.4	43.1
1939	19.2	3.0	26.9	43.3	61.6	60.8	73.7	71.2	62.6	45.0	35.8	27.9	44.2
1940	2.8	18.0	28.2	41.2	57.3	66.0	74.4	70.1	66.3	52.1	24.0	22.8	43.6
1941	11.1	16.0	28.8	47.8	62.4	66.3	74.0	72.5	60.2	46.8	33.6	25.0	45.4
1942	19.6	19.3	32.0	50.4	52.1	62.4	68.5	68.6	55.6	46.6	31.0	14.2	43.4
1943	1.2	17.4	20.2	48.0	52.4	63.5	72.7	71.3	57.8	50.7	29.0	22.3	42.2
1944	23.3	11.2	18.3	42.5	62.1	64.6	69.7	69.0	58.6	50.4	29.4	18.0	43.1
1945	16.0	16.6	35.6	41.8	52.1	58.8	70.2	69.4	58.3	47.6	26.7	9.8	41.9
1946	15.0	15.0	40.2	51.8	52.6	67.0	73.2	67.6	59.4	43.4	29.4	18.8	44.4
1947	21.2	13.4	27.0	42.5	52.0	63.0	72.2	75.2	58.8	53.0	24.0	16.1	43.2
1948	12.4	9.8	20.4	46.4	57.8	64.4	72.3	71.6	66.6	47.7	32.5	14.2	43.0
1949	3.6	5.9	26.3	49.7	60.0	66.7	72.7	73.9	57.1	45.9	38.7	11.1	42.6
1950	-7.6	12.9	21.2	34.9	51.7	66.0	68.4	67.1	60.0	50.5	24.1	14.1	38.6
1951	6.3	17.1	14.7	42.0	57.8	59.5	69.9	66.6	55.1	45.3	25.3	7.8	39.0
1952	4.3	18.2	20.0	48.7	57.0	68.9	70.9	69.7	64.3	44.8	31.1	20.7	43.2
1953	17.7	22.4	28.7	38.1	54.0	64.6	70.0	72.6	59.4	53.3	36.8	23.6	45.1
1954	4.4	34.6	26.5	42.4	52.9	63.6	74.1	69.6	58.7	45.0	37.1	22.7	44.3
1955	14.5	9.0	24.2	50.9	60.4	63.6	74.3	74.1	60.1	48.5	17.8	7.9	42.1
1956	8.5	8.7	25.6	38.8	56.5	71.0	68.3	68.0	56.8	51.4	31.2	22.1	42.2
1957	2.5	15.4	29.6	42.6	56.4	63.8	76.6	70.9	56.3	46.2	30.8	24.9	43.0
1958	20.0	11.8	29.6	45.0	60.4	60.4	66.9	72.9	62.3	48.2	29.2	13.0	43.3
1959	5.2	7.6	32.5	43.0	53.3	68.9	73.2	74.7	59.2	42.0	22.4	24.7	42.2
1960	11.6	13.5	19.8	44.7	57.5	63.2	73.7	71.7	61.0	49.1	30.6	16.2	42.7
1961	16.1	21.2	36.2	42.0	56.4	69.4	71.5	75.1	55.4	47.3	31.2	10.6	44.4
1962	9.3	11.0	24.3	44.1	56.1	64.6	66.7	69.3	56.5	49.4	35.7	19.7	42.3
1963	2.7	18.6	36.5	44.4	55.5	69.1	73.3	69.7	61.0	55.7	34.9	9.4	44.2

TOTAL PRECIPITATION (INCHES)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Ann'l
1919	.05	1.00	.90	1.21	5.11	1.19	1.95	1.00	.20	1.25	.80	.11	14.77
1920	.91	.30	.95	1.26	1.25	4.45	3.30	2.10	2.17	.09	.26	.11	17.15
1921	.26	.09	.90	2.54	1.46	.75	1.92	.60	2.83	2.65	.53	.27	14.80
1922	.28	1.20	.20	.83	3.50	1.89	1.52	.30	1.52	.49	2.69	.34	14.76
1923	.56	.38	.20	1.44	2.01	4.58	3.35	1.48	2.92	.81	.16	.40	18.29
1924	.30	.61	.88	1.82	.55	4.17	3.66	1.85	1.69	1.48	.04	.48	17.53
1925	.39	.34	.52	1.05	1.04	6.18	.33	1.52	2.44	.56	.06	1.20	15.63
1926	.54	.51	.10	.18	2.90	1.74	.72	1.58	3.35	.52	.30	.32	12.76
1927	.37	1.51	.57	1.63	6.65	2.81	3.25	5.06	.53	1.01	.17	.16	23.72
1928	.30	T	T	2.05	.62	1.75	3.89	3.05	1.59	.36	2.48	.02	16.11
1929	.99	.80	.71	1.61	1.25	.53	1.34	.83	2.23	2.27	.04	1.25	13.85
1930	.25	.50	T	1.75	2.91	2.04	.40	3.01	.93	1.72	1.00	.30	14.81
1931	T	.30	1.18	.51	1.82	2.33	2.88	3.38	1.81	1.38	.36	.25	16.20
1932	.47	.16	1.09	2.22	3.32	3.95	1.56	.99	.95	1.38	.05	.05	16.19
1933	.25	.08	.33	.87	1.92	1.85	1.89	.28	1.11	.07	.46	.08	9.19
1934	.08	T	.34	.10	.07	2.72	1.72	1.00	.37	2.89	.18	.01	9.48
1935	.04	.26	.83	1.84	1.49	4.09	2.95	.87	.33	.03	.23	.58	13.54
1936	.53	.13	.54	.94	.03	.67	.17	1.63	.08	.10	.19	.04	5.05
1937	.16	.15	.43	.48	1.72	5.80	3.09	.29	.81	.29	.46	.48	14.16
1938	.29	.29	.41	.86	2.91	3.10	2.20	.25	.79	.17	.34	.03	11.64
1939	.16	.09	.02	.52	1.77	7.46	1.76	1.80	1.60	1.08	T	.25	16.51
1940	.02	.32	.89	4.82	1.55	1.51	3.17	1.23	.85	1.32	.71	.03	16.42
1941	.48	.14	.50	1.83	2.43	5.88	2.22	1.76	4.40	1.06	.19	.04	20.93
1942	T	.47	1.03	1.64	4.75	3.42	2.17	2.41	3.27	.90	.05	.41	20.52
1943	1.10	.43	1.02	.54	2.50	7.60	3.01	2.36	.44	1.26	.62	.31	21.19
1944	.72	.46	.82	1.01	1.59	6.35	2.76	4.70	1.22	.70	3.35	.03	23.71
1945	.62	.63	.48	1.10	1.45	3.98	1.12	2.22	2.60	.05	.05	.53	14.83
1946	.07	.81	3.33	1.61	1.37	4.40	1.49	2.35	4.10	2.46	.03	.32	22.34
1947	.31	.06	.30	1.98	.45	5.40	3.86	2.25	1.11	5.27	.91	.57	22.47
1948	.21	.69	.37	3.27	1.08	2.65	4.86	1.86	.09	1.50	.76	.37	17.71
1949	1.13	.14	.31	.72	1.67	3.46	4.37	1.29	.64	3.45	.01	.52	17.71
1950	.63	.35	1.10	1.45	3.97	3.38	1.53	2.87	1.87	.74	.48	.89	19.26
1951	.98	1.07	.08	.39	2.28	4.04	3.35	5.42	2.48	1.21	.04	1.50	22.84
1952	.83	1.42	.21	.12	.52	3.64	1.90	.37	.33	.06	T	.30	9.70
1953	.34	.53	1.81	3.74	3.45	7.16	1.14	1.22	.41	.79	.07	.32	20.98
1954	.51	.13	.58	.73	2.80	3.42	3.68	1.57	2.36	.57	.08	T	16.43
1955	.10	.60	.10	.83	4.42	3.92	2.79	1.98	1.61	.22	.69	.17	17.43
1956	.86	.21	.83	.22	3.28	6.85	4.09	3.09	.75	.31	1.83	.29	22.61
1957	.18	.13	.06	1.75	3.67	2.04	1.71	2.11	1.24	2.13	.82	.54	16.38
1958	.44	.49	.23	2.24	1.90	2.77	2.74	1.27	.57	.39	1.75	.75	15.54
1959	.36	.82	.21	.70	4.84	3.45	.67	1.69	1.07	1.33	1.04	.25	16.43
1960	.33	.17	1.08	1.35	3.83	3.63	1.06	3.00	.69	.22	.14	1.13	16.63
1961	.04	.63	.08	1.81	1.59	1.75	1.26	1.10	3.71	.12	.07	.40	12.56
1962	.51	.41	.48	.38	6.78	4.81	6.13	2.91	1.59	1.37	.63	.28	26.28
1963	.32	.52	1.05	1.82	1.92	1.81	2.62	2.50	2.11	1.45	.05	.46	16.63

PROBABILITY OF FREEZE OCCURRENCE IN SPRING

Dates on which chance of last occurrence of indicated temperature (or lower) decreases to

Temp. (°F)	90%	75%	50%	25%	10%
32	May 8	May 15	May 22	May 29	Jun. 5
28	Apr. 28	May 5	May 12	May 19	May 26
24	Apr. 16	Apr. 24	May 2	May 10	May 18
20	Apr. 8	Apr. 16	Apr. 24	May 3	May 10
16	Mar. 22	Mar. 30	Apr. 8	Apr. 17	Apr. 25

PROBABILITY OF FREEZE OCCURRENCE IN FALL

Dates on which chance of first occurrence of indicated temperature (or lower) increases to

Temp. (°F)	90%	75%	50%	25%	10%
32	Sept. 3	Sept. 9	Sept. 15	Sept. 21	Sept. 27
28	Sept. 9	Sept. 15	Sept. 22	Sept. 29	Oct. 5
24	Sept. 15	Sept. 23	Oct. 1	Oct. 9	Oct. 17
20	Sept. 25	Oct. 3	Oct. 12	Oct. 21	Oct. 29
16	Sept. 28	Oct. 6	Oct. 15	Oct. 24	Nov. 1

MONTHLY MAXIMUM TEMPERATURE (°F)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Ann'l
1919	45e	48e	46e	75	92	104	100	98	99	71	41	45	104
1920	36	47	52	60	83e	88e	101	94	99	88	62	55	101
1921	47	62	70	85	87	105	103	100	95	84	68	51	105
1922	41	32	54	76	80	94	99	106	104	93	51	45	106
1923	49	42	53	84	88	92	97	93	93	78	57	56	97
1924	49	58	52	77	80	87	98	101	98	77	54	56	101
1925	42	49	66	82	87	85	101	110	101	62	64	57	110
1926	52	52	73	91	98	102	105	102	89	78	64	43	105
1927	42	45	67	80	83	95	92	93	94	86	54	37	95
1928	46	48	74	82	97	83e	95e	99e	88e	80	64	52	99
1929	40	33	68	77	89	98	108	105	102	83	48	49	108
1930	35	60	57	79	88e	89e	106	100	90	75	67	41	106
1931	52	56	52	83	91	107	110	104	106	85	73	42	110
1932	41	61	55	75	94	87	104	99	95	85	62	56	104
1933	50	56	67	80	90	106	106	100	100	84	65	53	106
1934	52	59	73	89	108	94	110	105	88	90	66	50	110
1935	48	57	70	72	77	87	105	109	101	84	48	46	109
1936	34	31	55	85	92	109	116	110	100	88	65	47	116
1937	34	40	61	73	93	99	101	105	101	86	65	43	105
1938	40	42	63	88	84	98	96	106	95	91	53	43	106
1939	49	44	81	85	100	91	102	102	97	79	68	69	102
1940	45	51	60	76	91	94	101	99	98	79	57	49	101
1941	48	43	67	77	98	95	104	109	93	70	63	56	109
1942	55	50	65	88	85	82	92	100	93	87	67	42	100
1943	42	48	66	82	95	93	96	100	91	87	57	53	100
1944	53	36	47	70	90	90	96	100	84	82	65	45	100
1945	44	50	77	77	83	92	100	99	103	88	70	52	103
1946	45	50	86	83	81	93	103	101	90	78	62	50	103
1947	55	48	65	86	83	83	99	106	97	84e	52e	38e	106
1948	38e	50	53	85	96	95	102	98	102	78	58	56	102
1949	52	51	52	85	90	96	103	104	92	90	71	60	104
1950	28	39	48	71	88	100	95	93	92	86	67	50	100
1951	46	53	51	83	85	84	98	97	83	86	54	53	98
1952	43	42	43	93	92	96	104	101	99	77	71	46	104
1953	48	50	63	79	85	94	96	101	92	91	71	48	101
1954	49	60	58	83	87	95	105	96	91	81	72	56	105
1955	40	41	72	83	95	90	101	103	98	91	70	42	103
1956	44	40	59	75	87	93	92	91	95	90	60	58	95
1957	34	55	65	83	86	90	102	101	86	86	60	54	102
1958	53	67	66	82	93	96	99	109	98	92	69	47	109
1959	40	39	61	87	90	98	106	105	104	80	54	48	106
1960	44	43	60	82	92	90	108	105	104	91	70	44	108
1961	47	52	75	87	89	105	99	104	90	86	67	54	105
1962	49	55	73	92	86	88	88	98	94	84	61	59	98
1963	55	56	78	81	89	102	102	98	91	94	64	50	102

MONTHLY MINIMUM TEMPERATURE (°F)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Ann'l
1919	-40e	-31e	-30e	20	28	30	40	38	34	-10	-15	-30	-40
1920	-32	-22	-22	4	31e	34e	48	38	24	10	-8	-28	-32
1921	-18	-18	-2	7	31	37	43	38	30	19	-10	-28	-28
1922	-33	-34	-8	15	29	38	33	41	30	9	9	-27	-34
1923	-14	-30	-19	12	21	36	51	37	30	8	2	-17	-30
1924	-38	-20	0	14	21	35	40	35	29	28	7	-32	-38
1925	-34	-18	-7	17e	19e	41	40	35	20	-8	-5	-17	-34
1926	-18	0	-9e	5	24	35	38	41	22	5	2	-23	-23
1927	-29	-25	6	11	25	32	39	34	16	16	-5	-35	-35
1928	-41	-16	3	0	24	32e	42e	32e	18e	6	-3	-12	-41
1929	-37	-42	-3	20	14	32	38	31	27	22	-8	-24	-42
1930	-29	-18	-5	16	25e	32e	43	43	20	3	-9	-6	-29
1931	-21	-2	-4	12	20	32	37	42	28	21	-9	-20	-21
1932	-29	-27	-21	20	26	41	42	39	23	10	-10	-26	-29
1933	-29	-41	-5	12	24	42	42	44	24	11	5	-27	-41
1934	-13	-27	-7	10	24	39	39	32	21	19	13	-22	-27
1935	-35	-7	-11	11	29	33	46	26	17	6	-17	-25	-35
1936	-39	-52	-4	-4	25	35	52	45	19	-4	-2	-24	-52
1937	-38	-31	1	17	28	32	42	43	20	3	-18	-31	-38
1938	-30	-32	-5	14	20	31	45	35	21	4	-13	-28	-32
1939	-21	-38	-14	2	21	34	47	36	20	3	8	-13	-38
1940	-25	-22	-3	5	26	40	45	37	26	21	-24	-18	-25
1941	-22	-22	-9	18	27	42	44	43	28	13	3	-7	-22
1942	-35	-22	8	17	25	32	42	35	15	-2	0	-18	-35
1943	-38	-20	-22	18	18	37	48	36	26	19	3	-13	-38
1944	-12	-42	-15	16	18	32	41	41	34	20	-12	-11	-42
1945	-21	-25	-20	17	19	35	34	40	20	12	-5	-28	-28
1946	-20	-20	10	24	22	30	45	36	28	17	-3	-25	-25
1947	-30	-23	-4	17	21	38	41	44	18	25	-8	-17	-30
1948	-29e	-23	-32	12	28	36	45	40	34	9	9	-17	-32
1949	-34	-28	-7	17	28	40	46	38	19	15	10	-31	-34
1950	-44	-24	-23	11	22	32	41	34	30	21	-12	-25	-44
1951	-43	-33	-21	15	28	39	43	40	19	18	-8	-32	-43
1952	-25	-16	-23	17	22	37	42	37	30	7	-10	-6	-25
1953	-17	-14	-13	9	24	34	44	43	24	18	-6	-11	-17
1954	-36	1	-12	3	17	41	42	45	29	18	10	-6	-36
1955	-26	-31	-22	18	28	38	49	42	19	11	-22	-29	-31
1956	-28	-32	-21	12	28	41	49	35	25	11	0	-19	-32
1957	-35	-22	-2	7	27	35	47	42	29	12	-2	-19	-35
1958	-11	-31	4	16	30	35	42	35	26	16	-12	-24	-31
1959	-36	-32	4	11	20	38	37	45	25	20	-14	4	-36
1960	-30	-20	-26	12	23	37	40	40	21	3	-17	-24	-30
1961	-24	-10	12	6	18	37	46	42	24	18	4	-22	-24
1962	-33	-31	-27	15	25	34	37	36	30	11	10	-19	-33
1963	-38	-22	3	12	17	41	46	41	29	18	6	-30	-38

STATION HISTORY

A climatological substation was established in the town of Linton in September, 1917. The instrumentation included maximum and minimum thermometers in a standard instrument shelter and a rain and snow gauge. During the month of July, 1939, the instruments were moved to a location 0.2 mile southeast of the post office. The station was moved again October 10, 1953, to a location 0.5 mile west of the post office. The instruments are located over sod under standard conditions.

Observers at the Linton station have been:

J. D. Sailer.....	September, 1917	to	August, 1920
Wm. Malpass.....	September, 1920	to	July, 1922
W. C. Wolverton.....	August, 1922	to	December, 1924
Rev. Otto Weber.....	January, 1925	to	April, 1930
Rev. E. J. Olberding....	July, 1930	to	July, 1939
Wm. Heyerman.....	July, 1939	to	September, 1953
Leonard P. Malone.....	September, 1953	to	Present

Pollock Pioneer Litho