

# CLIMATOLOGICAL DATA

## NEBRASKA SECTION

21

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LINCOLN, NEBRASKA

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MAY, 1935

No. 5

### GENERAL SUMMARY

May was unusually cool and wet. The number of rainy and of cloudy days equaled the previous records for any month; the sunshine was little more than half of normal, and the relative humidity was unusually high. Wind movement was somewhat less than usual.

The mean temperature of 52.7° was next to the lowest of record for May. Except for from three to six scattered days, temperatures were continuously below normal. All stations in the State were much cooler than normal, the greatest departures being in the northwestern division and the least in the northeastern. Freezing temperatures occurred at nearly all stations on the 3d, 4th, or 5th, and in the western half of the State frosts were general also on the 9th and 23d. The highest temperature reported in the State was 89°, and the majority of stations had maxima under 80°.

The average rainfall of 6.24 inches, or 177 per cent of normal, has been exceeded only twice in May, in the years 1881 and 1903, and three times in June, in the years 1883, 1891, and 1908. The northeastern division with 120 per cent of normal was not unusually wet; it was the wettest May of record in the western division with 190 per cent of normal. The other divisions ranged from 154 per cent in the northwest to 218 per cent in the southwest.

During the first ten days of the month there were scattered light showers, becoming nearly general on the 8th. From the 11th to the 22d, and from the 26th to the 31st, inclusive, rainfall was nearly continuous throughout the State, often in the form of light drizzles but with numerous heavy showers, particularly on the 18th, 19th, and 31st. Eight stations received a monthly total of more than ten inches. The State total since January 1st is 11.18 inches, or 134 per cent of normal and since October 1st it is 13.80 inches, which is 121 per cent of normal.

Small grains and pastures made good growth during the first ten days in the northeast portion of the State but deteriorated somewhat elsewhere for lack of moisture, and drouth conditions were still severe in some south-central and southwestern counties. After that date moisture was sufficient in all parts of the State and small grain, hay, and pastures did well but growth was not rapid because of continued low temperatures. Some corn was planted early in the month but cold weather prevented germination. During the remainder of the month wet soil delayed planting and at the end only about 50 per cent of the acreage was planted and some of that had to be replanted.

### TEMPERATURE

The average temperature for the State as determined from the records of 93 stations was 52.7°, which is 6.3° below the normal. The highest monthly mean was 57.6° at Pawnee City and the lowest was 45.4° at Harrison. The highest temperature recorded was 89° at Franklin on the 11th; the lowest was 21° at Merriman on the 3d and 4th.

### PRECIPITATION

The average precipitation, as determined from the records of

142 stations, was 6.24 inches, which is 2.71 inches above the normal. The greatest monthly amount reported was 14.65 inches at Hebron, and the least was 2.37 inches at Santee. The greatest amount reported in 24 consecutive hours was 5.05 inches at Curtis on the 31st.

The average snowfall was a trace, and the greatest total fall for the month was a trace at nine stations.

### DATES OF MISCELLANEOUS PHENOMENA

AURORA: 2, 11.  
DUST: 1, 2, 3, 5, 6, 7, 10, 11.  
FOG: 15, 17, 20, 23, 26, 27, 28, 29, 30, 31.  
FROST: Light—4, 5, 9, 23, 24. Heavy—5, 9, 16, 23. Killing—2, 3, 4, 5, 9, 22, 23, 24.  
HAIL: Light—10, 11, 12, 19, 21, 22, 25, 27, 28, 31. Heavy—10, 11, 26.  
HAZES: Lunar—10, 15. Solar—3, 4, 7, 10, 11, 21.  
HAZE: 11, 25.  
FARHELION: 10.  
FOURADO: 31.

THUNDERSTORMS (with the number reported on each date): 1st, 4; 6th, 2; 7th, 5; 8th, 9th, 1; 10th, 4; 11th, 22; 12th, 8; 13th, 5; 18th, 2; 19th, 10; 20th, 6; 21st, 3; 22d, 3; 24th, 1; 25th, 1; 26th, 4; 27th, 12; 28th, 5; 29th, 6; 30th, 2; 31st, 37.

### COMPARATIVE STATE DATA FOR MAY

Years	Temperature				Precipitation				Number of days				
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest monthly	Least monthly	Average snowfall	Precip. .01 in. or more	Clear	Partly cloudy	Cloudy
1876	61.1	+2.1	88	34	2.54	-0.99	.....	.....	.....	.....	.....	.....	.....
1877	57.8	-1.2	86	32	5.79	+2.25	.....	.....	.....	.....	.....	.....	.....
1878	54.8	-4.2	86	32	4.09	+0.56	.....	.....	.....	.....	.....	.....	.....
1879	63.0	+4.0	93	34	3.43	-0.10	.....	.....	.....	.....	.....	.....	.....
1880	63.3	+4.3	94	34	2.11	-1.42	.....	.....	.....	.....	.....	.....	.....
1881	64.7	+5.7	96	37	6.28	+2.75	9.69	3.40	.....	.....	.....	.....	.....
1882	54.6	-4.4	87	33	4.93	+1.40	10.55	2.97	.....	.....	.....	.....	.....
1883	55.4	-3.6	89	28	5.39	+1.86	13.88	2.82	.....	.....	.....	.....	.....
1884	58.6	-0.4	88	26	3.06	-0.47	6.60	0.75	.....	.....	.....	.....	.....
1885	58.1	-0.9	86	18	3.73	+0.20	8.29	1.13	.....	.....	.....	.....	.....
1886	64.3	+5.3	101	24	3.39	-0.14	7.20	1.80	.....	.....	.....	.....	.....
1887	63.6	+4.6	98	22	2.27	-1.26	5.87	0.14	.....	.....	.....	.....	.....
1888	54.6	-4.4	90	26	5.83	+2.30	9.35	3.50	.....	.....	.....	.....	.....
1889	58.3	-0.7	95	22	2.69	-0.44	7.79	0.98	.....	.....	.....	.....	.....
1890	58.4	-0.6	100	14	2.34	-1.19	6.75	0.56	0.0	9	20	11	10
1891	59.4	+0.4	100	30	2.90	-0.63	5.31	0.41	0.0	7	10	13	8
1892	61.7	+1.3	98	27	5.63	+2.10	12.13	0.30	0.4	15	9	13	9
1893	56.6	-2.4	101	18	2.66	-0.87	7.49	0.56	0.0	7	14	9	16
1894	62.7	+3.7	105	12	0.91	-2.62	3.65	0.00	0.0	4	17	10	4
1895	60.9	+1.9	110	23	2.40	-1.13	7.16	0.82	T.	6	15	9	7
1896	63.6	+4.6	102	25	4.03	+0.50	13.77	0.56	0.0	8	11	13	7
1897	61.3	+2.3	101	19	1.66	-1.87	7.09	T.	0.0	5	16	11	4
1898	57.2	-1.8	98	27	4.86	+1.33	8.90	1.38	0.0	11	10	9	12
1899	59.6	+0.6	100	21	3.71	+0.18	8.30	0.15	0.0	10	11	11	9
1900	63.8	+4.3	102	26	2.32	-1.21	5.00	0.27	0.0	6	17	10	4
1901	60.5	+1.5	96	26	1.86	-1.67	8.29	0.10	0.0	6	16	9	6
1902	63.3	+4.3	102	28	4.14	+0.61	10.08	0.75	0.0	9	12	11	8
1903	58.4	-0.6	91	16	7.27	+3.74	17.22	1.56	T.	13	8	14	9
1904	59.2	+0.2	100	21	3.68	+0.15	7.87	1.24	0.7	10	12	11	8
1905	56.2	-2.8	92	23	5.73	+2.20	11.35	2.34	0.0	7	12	9	13
1906	60.2	+1.2	97	20	2.76	-0.77	7.04	0.39	0.0	11	14	10	7
1907	53.7	-5.3	97	7	2.88	-0.65	7.13	0.63	3.0	8	7	11	11
1908	57.1	-1.9	98	14	4.98	+1.45	14.61	1.71	3.8	11	12	9	10
1909	57.6	-1.4	100	10	3.23	-0.30	8.44	0.30	T.	9	12	12	7
1910	55.2	-3.8	95	20	2.40	-0.73	7.37	0.58	0.2	9	13	9	9
1911	61.2	+2.2	99	3	2.27	-1.26	7.33	0.30	0.3	6	14	10	5
1912	61.2	+2.2	100	25	1.80	-1.73	4.76	0.60	0.4	6	15	11	7
1913	59.8	+0.8	103	20	3.60	+0.07	9.05	0.73	T.	9	13	9	9
1914	60.6	+1.6	100	22	2.67	-0.86	5.98	0.72	T.	8	14	9	8
1915	55.8	-3.2	102	20	5.23	+1.72	10.80	1.96	4.0	12	12	9	10
1916	58.5	-0.5	102	14	3.51	-0.02	9.63	1.45	0.2	9	15	8	8
1917	53.2	-5.8	98	21	4.85	+1.32	8.42	1.96	1.1	11	12	8	11
1918	62.3	+3.3	100	23	3.97	+0.44	9.27	1.34	0.2	9	14	9	8
1919	57.9	-1.1	91	22	2.54	-0.99	6.60	0.80	T.	7	16	9	6
1920	57.9	-1.1	93	29	3.37	+0.02	9.23	0.80	T.	10	10	10	11
1921	60.7	+1.7	100	21	3.62	+0.06	10.53	0.66	T.	9	12	10	9
1922	60.3	+1.3	92	26	2.77	-0.76	6.18	1.05	T.	8	13	11	7
1923	57.5	-1.5	89	20	4.99	+1.46	11.77	1.97	0.1	11	13	8	10
1924	53.6	-5.4	99	19	1.90	-1.63	5.10	0.56	0.1	7	13	8	9
1925	58.7	-0.3	104	15	2.06	-1.47	4.95	0.51	0.1	6	16	9	6
1926	64.1	+5.1	100	21	2.78	-0.75	6.28	0.91	T.	10	14	10	7
1927	59.0	0.0	104	22	2.48	-1.05	6.16	0.44	0.6	8	14	9	8
1928	62.2	+3.2	102	28	3.49	-0.04	8.18	0.90	T.	9	17	7	7
1929	57.4	-1.6	98	22	2.78	-0.40	7.98	0.80	0.2	7	14	9	8
1930	57.4	-1.6	95	27	5.10	+1.57	10.35	2.01	1.5	10	14	7	10
1931	57.5	-1.5	102	12	2.23	-1.30	7.17	1.10	T.	6	16	8	7
1932	62.2	+3.2	98	25	2.84	-0.69	6.99	0.43	T.	8	16	9	6
1933	57.8	-0.2	98	27	2.97	-0.56	6.00	0.33	0.2	10	12	9	10
1934	69.4	+10.4	109	26	1.06	-2.47	3.65	T.	T.	4	20	8	3
1935	52.7	-6.3	89	21	6.24	+2.71	14.65	2.37	T.	15	6	8	17
Period	59.0	.....	97	22	3.53	.....	.....	.....	0.4	9	13	10	8
Highest	69.4	.....	110	37	7.27	.....	.....	.....	4.0	15	20	14	17
Lowest	51.7	.....	86	3	0.71	.....	.....	.....	0.0	4	6	7	3

Climatological Data for May, 1935

Stations	Counties	Elevation, feet (Approximate)	Length of record, years	Temperature, in degrees Fahrenheit						Precipitation, in inches				Number of days			Prevailing direction of wind	Observers			
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Length of record, years	Total	Departure from the normal	Greatest in 24 hours	Total snowfall, unmelting	With precipitation, 0.01 inch or more			Clear	Partly cloudy	Cloudy
<b>Northeastern Division</b>																					
Atkinson	Holt	2,108	27															C. J. Wilson.			
Blair	Washington	1,122	38	55.7	-5.5	79	10	31	5	42	40	5.18	+0.56	1.21	0.0	19	7	10	14	nw.	D. C. Van Deusen.
Bloomfield	Knox	1,702																		se.	E. A. Herrmann.
Butte	Boyd	1,900	28	51.3	-7.0	78	11	33	5	34	29	8.71	+0.48	1.54	0.0	10	7	12	12	e.	E. J. Statsmann.
Columbus	Platte	1,442	42	54.0	-6.6	80	10	30	5	41	41	9.21	+5.24	2.31	0.0	11	4	6	21	e.	John H. Brock.
Ewing	Holt	1,888	28	53.2	-4.5	78	5	33	5	43	44	4.92	+1.38	1.25	0.0	18	4	10	17	se.	S. E. Borden.
Fremont	Dodge	1,203	52	55.0	-5.6	77	27	29	5	41	55	5.46	+1.32	1.34	0.0	15	6	12	13	se.	Fred Hahn.
Hartington	Cedar	1,809	44	54.8	-4.7	72	10	33	5	32	44	2.85	-1.55	0.67	0.0	14	2	12	17	se.	D. E. Ewing.
Howells	Collax	1,458																			L. R. Coufal.
Lynch	Boyd	1,411																			E. F. Rosicky.
Madison	Madison	1,585	40	53.4	-5.6	79	10	32	5	39	40	6.47	+2.42	1.12	0.0	12	7	5	15	nw.	Dr. F. A. Long.
Norfolk	Madison	1,532	51	53.0	-6.4	80	27	34	5	39	52	5.32	+1.06	1.12	0.0	16	8	1	22	se.	Dr. P. H. Salter.
Oakdale	Antelope	1,722	47	52.2	-6.2	76	10	30	5	32	43	5.22	+1.49	1.00	0.0	17	3	8	20	ne.	G. S. Clingman.
OMAHA	Douglas	1,105	65	56.4	-6.0	79	27	38	5	32	69	8.57	-0.20	0.73	0.0	18	4	4	23	n.	U. S. Weather Bureau.
O'Neill	Holt	1,975	33	52.0	-6.8	76	10	31	3	40	34	4.48	+1.32	1.01	0.0	17	4	11	16	se.	Harry Bowen.
Osmond	Pierce	1,651																			Spencer Butterfield.
Santee	Knox	1,225	45	54.8	-6.4	76	10	34	5	39	45	2.37	-1.31	0.85	0.0	15	9	9	13	ne.	L. A. Leigh.
Schuyler	Collax	1,350																			Jos. M. Rogers.
Stanton	Stanton	1,472	43	53.2	-6.3	77	27	29	5	41	43	5.38	+1.63	1.25	0.0	15	8	3	20	n.	Dr. R. A. Frary.
Tekamah	Burt	1,060	45	55.8	-5.3	78	10	31	5	38	45	4.59	+0.48	0.90	0.0	16	4	8	19	e.	H. H. Hamblin.
Wakefield	Dixon	1,413	38	54.2	-5.3	77	27	30	5	38	41	3.17	-0.81	0.77	0.0	11	7	8	16	ne.	Chas. W. Long.
Walhalla	Thurston	1,207	30	54.4	-4.9	74	10	33	5	34	33	4.00	-0.14	0.68	0.0	15	3	7	21	ne.	G. A. Dudley.
Westpoint	Cuming	1,313	38	55.2	-5.6	79	10	33	5	36	49	5.70	+1.50	1.43	0.0	12	9	2	20	e.	Dr. F. N. Wells.
For Division				54.0	-5.9	80	10	29	5	44		4.77	+0.80	2.31	T.	14	5	9	17	se.	
<b>Southeastern Division</b>																					
Ashland	Saunders	1,120	44	53.8	-8.3	79	1	25	5	43	51	4.69	+0.90	1.20	0.0	16	8	9	14	se.	T. F. Dailey.
Auburn	Nemaha	1,051	43	57.5	-4.6	80	1	34	4	40	43	7.41	+2.39	1.32	0.0	18	5	1	21	n.	Elmer Dovel.
Aurora	Hamilton	1,792																			E. A. DeWaters.
Beatrice	Gage	1,235	43	57.0	-4.3	83	1	32	5	36	35	8.07	+3.55	1.35	0.0	18	6	3	22	ne.	H. E. Palmer.
Bradshaw	York	1,715																			E. C. Roggy.
Bruning	Thayer	1,583																			Henry Middendorf.
Clay Center	Clay	1,781	21	54.7	-4.9	85	11	28	5	42	21	7.52	+4.00	1.17	0.0	14	5	7	19	ne.	Earl Frary.
Crete	Saline	1,368	52	56.0	-5.3	78	1	32	5	34	56	9.29	+5.17	2.26	0.0	18	3	6	22	n.	Doane College.
David City	Butler	1,619	46	53.4	-6.4	75	10	33	5	36	46	5.92	+1.72	1.12	0.0	14	7	1	23	ne.	City of David City.
Fairbury	Jefferson	1,316	40	56.5	-6.0	81	11	33	5	38	60	10.60	+6.03	2.60	0.0	20	3	13	15	ne.	W. F. Cramb.
Fairmont	Fillmore	1,641	41	53.5	-6.4	79	11	25	5	44	42	6.47	+2.86	1.43	0.0	18	2	7	22	ne.	C. B. & Q. R. Co.
Falls City	Richardson	900	37	55.8	-7.6	80	1	33	4	36	44	12.36	+7.65	4.74	0.0	17	8	0	23	ne.	H. E. Wyatt.
Friend	Saline	1,558																			Harry E. Hannes.
Geneva	Fillmore	1,633	42	53.9	-7.6	81	11	25	5	46	45	7.73	-3.57	1.50	0.0	18	6	8	17	ne.	Tyler Edgecombe.
Hebron	Thayer	1,458	50	55.0	-6.5	79	11	33	20	33	50	14.65	+10.46	2.55	0.0	15					F. C. Rhodes.
LINCOLN, Uni. Campus	Lancaster	1,189	52	55.7	-6.0	79	10	32	5	39	56	5.44	+1.56	0.92	0.0	15	3	4	24	n.	U. S. Weather Bureau.
Aurora Aeron. Park	do	1,230	15	56.4	-5.4	81	1	29	5	39	11	6.08	+3.35	1.05	0.0	19	2	9	20	se.	W. E. Lyness.
College View	do	1,260																			Geo. W. Ellsworth.
Uni. Farm	do	1,180	42	55.4	-7.0	79	1	27	5	40	51	5.42	+1.66	0.71	0.0	20	3	4	24	e.	U. S. Weather Bureau.
McCool Junction	York	1,575																			L. L. Slagel.
Nebraska City	Otoe	941	53	56.8	-5.7	80	1	31	5	36	58	8.15	+3.75	1.50	0.0	16					Frank Williams.
Nelson	Nuckolls	1,688	0	56.3		85	11	28	5	43	18	7.79	+4.42	1.80	0.0	17	1	7	23	n.	Dr. B. H. Burd.
Osceola	Polk	1,644	21	54.0	-5.9	80	6	31	5	42	33	7.60	+3.80	1.30	0.0	12	9	7	15	se.	G. T. Ray.
Pawnee City	Pawnee	1,175	32	57.6	-4.1	82	1	34	4	42	39	7.69	+3.13	1.43	0.0	18	4	4	23	se.	F. W. McDonald.
Seward	Seward	1,574	39	54.1	-7.1	78	1	27	5	40	45	7.63	+3.21	1.40	0.0	15	3	5	23	se.	C. B. & Q. R. Co.
Superior	Nuckolls	1,435																			Bossemeyer Bros.
Syracuse	Otoe	1,059	48	56.0	-6.0	80	1	29	5	43	59	8.54	+4.42	1.17	0.0	18	7	6	18	ne.	C. A. Hunter.
Table Rock	Pawnee	1,023																			O. D. Howe.
Tecumseh	Johnson	1,113	46	55.0	-7.1	77	1	34	5	32	56	7.96	+3.68	1.67	0.0	18	7	11	13	n.	Dr. J. M. Curtis.
Utica	Seward	1,582																			Herman Mundt.
Virginia	Gage	1,532																			Harry E. Darwin.
Wahoo	Saunders	1,187																			Frederika W. Weber
Weeping Water	Cass	1,087	28	55.0	-6.4	78	11	28	4	36	57	5.06	+1.15	1.10	0.0	16	9	7	15	se.	Frank Wood.
Western	Saline	1,468																			J. M. Van Anken
York	York	1,633	43	54.2	-7.7	80	11	28	5	42	47	9.24	+5.37	1.45	0.0	17	4	6	21	n.	J. H. Newbold
For Division				55.4	-6.2	85	11	25	5	46		7.87	+3.66	4.74	0.0	17	7	5	19	ne.	
<b>Central Division</b>																					
Albion	Boone	1,748	38	52.8	-6.6	78	27	28	5	44	39	5.98	+2.25	1.09	0.0	14	3	5	23	n.	F. M. Weitzel.
Arcadia	Valley	2,186																			W. J. Ramsey.
Arden (near)††	Antelope	1,930																			A. E. Johns.
Brewster	Blaine	2,500																			Mrs. Lyle S. Ferguson.
Broken Bow	Custer	2,477	40	51.4	-7.2	75	10	32	3	31	40	5.35	+1.81	1.25	0.0	17	5	2	24	se.	Ray S. Kuns.
Burwell††	Garfield	2,180																			O. W. Johnson.
Cairo	Hall	1,951																			L. A. Laughlin.
Central City	Merrick	1,639	20	53.7	-7.2	79	11	30	5	42	45	9.10	+5.25	2.12	0.0	17	4	8	19	ne.	Geo. C. Fitch.
Dumas	Garfield	2,200	24																		

Climatological Data for May, 1935—Continued

Stations	Counties	Elevation, feet (Approximate)	Length of record, years	Temperature, in degrees Fahrenheit							Precipitation, in inches				Number of days				Prevailing direction of wind	Observers	
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Length of record, years	Total	Departure from the normal	Greatest in 24 hours	Total snowfall, unmelting	With precipitation 0.01 inch or more	Clear	Partly cloudy			Cloudy
<i>Southwestern Division</i>																					
<i>Continued.</i>																					
Gosper††	Gosper	2,450								33	7.86	+4.29	2.20	0.0	15	3	11	17	se.	E. H. Stoll.	
Guide Rock	Wabster	1,646								34	6.59	+2.94	1.16	0.0	17	7	9	23	ne.	W. C. Kiehl.	
Hastings*	Dundy	3,258	10	54.6	-6.3	80	10	33	5	37	38	6.21	+3.33	1.88	0.0	14	7	9	15	ne.	J. B. Logan.
Hastings*	Adams	3,982	42	55.1	-5.1	84	11	30	5	40	44	6.84	+3.84	1.12	0.0	13	2	9	20	ne.	C. B. & Q. R. R. Co.
Hayes Center††	Hayes	2,500	29	53.0 <sup>a</sup>	-5.4	75 <sup>b</sup>	11	34	5	35 <sup>c</sup>	41	12.50	+9.05	3.50	0.0	20	5	12	14	ne.	Jos. M. Crosby.
Holdrege	Phelps	2,324	41	54.1	-6.5	81	11	27	5	45	41	6.25	+2.45	1.25	0.0	18	5	5	20	ne.	Earl Barnette.
Imperial	Chase	3,278	44	52.4	-6.0	78	10	30	6	45	45	9.21	+6.00	2.88	0.0	14	7	10	14	ne.	Robert Matcolm.
Lebanon	Redwillow	2,392								9	5.17	.....	1.10	0.0	11	8	6	17	ne.	C. W. Richard.	
McCook	do.	2,506	34	52.4	-8.5	80	1	25	5	42	39	7.20	+4.30	2.48	0.0	14	3	10	18	se.	Elmer Drake.
Madrid	Perkins	3,200	29	52.2	-7.1	78	10	30	5	42	42	7.79	+4.93	3.15	0.0	16	6	9	16	e.	A. C. Adams.
Minden	Kearney	2,169	52	54.1	-6.0	83	11	27	5	44	58	5.56	+1.30	1.70	0.0	16	1	18	12	n.	J. W. Binderup.
Orleans	Harlan	1,993								28	7.29	+4.07	2.48	0.0	11					nas.	Vas. McGeachin.
Red Cloud	Webster	1,687	39	56.8	-5.0	87	11	26	5	46	48	5.91	+2.61	1.28	0.0	15	4	7	20	ne.	Chas. S. Ludlow.
Sappa Valley††	Furnas	2,000								9	7.96	.....	2.42	0.0	12	9	3	19	se.	Enos T. Skiles.	
Stratton	Hitchcock	2,304								33	9.15	+6.36	3.35	0.0	13	11	8	17	ne.	A. Danielson.	
Upland	Franklin	2,158								22	5.52	+1.63	1.10	0.0	14	1	10	20	n.	L. P. Zettle.	
Wauwata.	Chase	2,935								37	8.87	+5.93	3.16	T.	14	4	14	13	se.	R. E. Oimsted.	
<i>For Division</i>																					
<i>Western Division.</i>																					
Arthur	Arthur	3,500	6	54.3	-6.3	89	11	25	5	47	.....	7.52	+4.08	5.05	T.	14	6	8	17	ne.	Hayes Hansen.
Bridgeport	Morrill	3,658	38	51.6	-4.7	81	25	26	3	43	38	3.77	+0.82	0.82	0.0	17	3	15	13	se.	R. H. Willis.
Dalton	Cheyenne	4,273								14	5.90	+3.36	0.93	0.0	17	3	4	4	se.	Don Dey Ermand.	
Halsey	Thomas	2,695	33	50.8	-6.7	75	10	31	3	39	33	4.76	+2.30	1.32	0.0	18	8	7	16	se.	U. S. Forest Service.
Hull (near)††	Banner	4,400								21	4.46	+1.68	0.95	0.0	12	13	4	14	e.	Bert H. Warner.	
Hyannis	Grant	3,735	8	50.3		80	25	27	4	40	8	2.85	.....	0.85	T.	13	5	15	11	sw.	R. W. Bonnifield.
Kimball	Kimball	4,697	47	49.4	-5.3	80	25	27	3	41	46	6.42	+3.81	1.30	T.	17	2	15	14	nw.	F. J. Bellows.
Kowanda††	Garden	3,825								26	5.69	+2.65	1.47	0.0	15					J. N. Paulsen.	
Lake Minatare††	Scotts Bluff	4,127	18	50.4	-4.5	80	25	27	4	39	18	4.12	+1.48	0.71	0.0	14	3	12	16	ne.	Pathfinder Irrig. Dist.
Lodgepole	Cheyenne	3,820	37	51.0	-5.1	82	25	30	3	38	37	4.63	+1.98	0.98	0.0	15	11	7	13	e.	Glenn W. Wise.
Lyman	Scotts Bluff	4,053								11	3.65	+1.62	0.98	0.0	12	7	14	10	se.	J. W. Waitman.	
Mitchell (near)††*	do	4,080	22	48.0	-6.4	85	7	25	8	50	22	4.18	+1.71	1.03	0.0	17					U. S. Bur. of Plant Ind.
Mullen	Hooker	3,199	6							6					1					E. P. Ericksen.	
Mumper	Garden	3,820	0	49.6 <sup>b</sup>		81 <sup>b</sup>	25	27 <sup>b</sup>	4	42 <sup>b</sup>	0	4.56	.....	1.23	0.0	14	0	17	14	se.	U. S. Biological Survey.
<i>NORTH PLATTE</i>																					
Lincoln	Lincoln	2,821	61	52.2	-6.5	75	10	33	3	36	61	6.24	+3.46	2.33	T.	17	2	6	23	se.	U. S. Weather Bureau.
Ogallala	Keith	3,216	13	51.3	-6.9	78	10	29	5	42	13	8.97	+5.69	2.56	0.0	18	10	6	15	ne.	Roy G. Nelson.
Oshkosh	Garden	3,938	22	52.0	-5.8	81	25	32	2	38	23	3.77	+0.68	0.72	0.0	16	8	5	18	se.	Robert Quelle.
Paxton	Keith	3,050								27	7.81	+4.89	1.98	0.0	15	10	6	15	ne.	C. E. Cunningham.	
Potter	Cheyenne	4,357								15	5.15	+2.58	1.15	0.0	15	14	2	15	nw.	H. E. Stevens.	
Scottsbluff	Scotts Bluff	3,888	45	50.2	-5.8	84	25	26	3	43	15	7.82	+4.73	2.21	0.0	15	7	12	12	nw.	L. R. Vickery.
Sidney	Cheyenne	4,085	8	49.7		82	25	30	8	39	8	4.85	.....	1.11	0.0	13	14	3	14	n.	D. M. Boyd.
Stapleton	Logan	2,857	14	50.4 <sup>b</sup>	-7.5	74 <sup>b</sup>	10	30 <sup>b</sup>	3	33 <sup>b</sup>	14	5.82	+2.77	0.98	T.	15	1	11	10	se.	Earl W. Glandon.
Sutherland	Lincoln	2,961								24	8.34	+5.51	2.65	0.0	15	12	5	14	se.	G. F. Palmer.	
<i>For Division</i>																					
<i>Northwestern Division.</i>																					
Ainsworth	Brown	2,521	28	51.9	-4.5	75	10	30	3	36	28	3.89	-0.27	1.43	0.0	13	7	6	13	nw.	Carl C. Moyer.
Alliance	Box Butte	3,971	33	48.4	-6.5	81	25	28	3	35	38	4.81	+1.52	1.31	0.0	17	9	4	18	s.	H. B. Salisbury.
Box Butte Ex. Farm††	Box Butte	4,000	3	46.4		79	25	25	3	38	3	4.46	.....	1.41	0.0	18	4	12	15	se.	George Schmid.
Chadron	Dawes	3,371	21	50.6	-5.5	77	25	27	3	42	22	4.23	+1.37	1.65	0.0	15	5	3	23	ne.	State Normal.
Fort Robinson	do	3,807	50	48.0	-6.7	77	25	22	4	42	50	5.75	+3.11	1.66	0.0	14	4	9	18	ne.	U. S. Army.
Gordon	Sheridan	3,590	26	49.3	-4.4	85	25	22	9	43	34	3.69	+0.83	0.89	0.0	16	5	14	12	e.	T. O. Williams.
Harrison	Sioux	4,849	20	45.4	-5.1	75	25	22	9	42	21	7.47	+3.54	1.30	0.0	18	7	5	19	ne.	Joe Stanek.
Hay Springs	Sheridan	3,831	49	46.9	-7.1	76	25	25	4	38	39	5.19	+1.91	0.98	0.0	16	5	7	12	nw.	Paul C. Morgan.
Mary	Brown	2,600								24	6.11	+2.55	1.43	0.0	14	8	11	12	se.	Mrs. Foster Stuft.	
Merriman	Cherry	3,254	19	48.6	-8.5	79	25	21	3	40	21	5.50	+2.31	1.56	0.0	10	10	1	20	n.	Anchor Bank.
Nenzel (near)	do.	3,109	19	50.6	-4.8	82	25	26	4	43	19	4.10	+0.98	1.04	0.0	15	2	12	17	se.	U. S. Forest Service.
Newport	Rock	2,234	40	51.4	-6.8	75	5	30	3	38	40	4.46	+1.01	1.45	T.	15	11	2	18	se.	F. W. Boehme.
Sheep Cr. Camp No. 5††	Sioux	4,200								18	5.08	+2.49	0.79	0.0	16	9	11	11	se.	Pathfinder Irrig. Dist.	
Springview	Keya Paha	2,550								31	3.08	+0.13	1.30	0.0	11	11	7	13	nw.	Postmaster.	
VALENTINE	Cherry	2,598	47	50.2	-6.0	74	10	30	3	34	49	4.36	+1.64	1.36	T.	17	3	7	21	e.	U. S. Weather Bureau.
<i>For Division</i>																					
<i>For Nebraska</i>																					

The departures for stations are computed only for such as have ten or more years of record, but all complete records are used in determining division and section means. † Trace, or less than .01 inch of rain or melted snow. †† Occurred on more than one date.  
 †† Post-office addresses of these stations are as follows: Of Arden, Elgin; Box Butte Ex. Farm; Alliance; College View, Route 3, Lincoln; Gosper, Arapahoe; Hull (near), Lagrange, Wyo.; Kowanda, Oshkosh; Lake Minatare, Minatare; Lincoln, Agronomy Farm, Havelock; Mary, Ainsworth; Mitchell (near), Mitchell; Sappa Valley, Wilsonville; Sheep Creek Camp No. 5, Morrill; Watertown, Amherst. § Partly estimated.  
 Reference letters, a, b, c, etc., appearing in the table indicate number of days missing; for example, <sup>b</sup> represents two days, etc.  
 \* Temperature data from thermometers not property of Weather Bureau, but of standard pattern. †† Received too late to be included in means.

Pressure, Wind, Humidity, and Sunshine

Stations	Atmospheric pressure (reduced to sea level)				Wind			Relative humidity			Percentage of Sunshine	
	Mean	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity	Direction	Date	7 a. m.		12 noon
Lincoln	29.98	30.49	3	29.31	1	9.8	26	se.	11	86	68	72
North Platte	29.95	30.49	3	29.41	1	9.3	27	se.	10	87	64	65
Omaha	30.00	30.49	3	29.41	1	10.6	31	se.	21	86	67	68
Valentine	30.03	30.54	3	29.44	1	10.7	33	se.	21	86	67	68
Sioux City, Iowa	30.01	30.50	3	29.47	1	9.0	32	sw.	21	82	59	62

† Also later dates.

Means for the Six Equal Divisions of the State

Divisions	Temperature		Precipitation			Number of days, 1935			
	Mean 1935	Departure*	Mean 1935	Departure†	Snow 1935	Rainy	Clear	Partly cloudy	Cloudy
Northeast	54.0	-5.9	4.77	+0.80	T.	14	5	9	17







Daily Temperatures for May, 1935

Table with columns for Stations, 1-31, and Mean. Rows are categorized by division: Northeastern, Southeastern, Central, Southwestern, and Western. Each station entry includes maximum and minimum temperature values for each day of the month.

At Lincoln, North Platte, Omaha, and Valentine temperatures are for the period from midnight to midnight; at other stations they are for the 24-hour period ending at the time of observation, which is in the late afternoon except where otherwise noted. Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs. Reference letters 'a', 'b', etc., appearing in the table, indicate the number of days missing; for example, 'b' represents two days, etc.