

U. S. Department of Agriculture
Bureau of Agricultural Economics
and
U. S. Department of Commerce
Weather Bureau

Nebr. Dept. of Agr. & Inspection
Division of Agr'l. Statistics
and
Agricultural Extension Service
Of Nebr. College of Agr.

NEBRASKA WEEKLY WEATHER AND CROP REPORT

Released 8-7-51 - 11:00 A.M.

Week Ending 8-6-51

WEATHER Temperatures averaged above normal during the week, with the first 100° readings since August 1948 at Lincoln. Precipitation was generally below normal, and occurred as light to moderate local thundershowers, with a very few heavy rains. Some days were rather windy, and humidity was normal or slightly below, so the evaporation was normal or higher.

July was cool and wetter than normal, for the State as a whole. The first half of the month was very cool and wet, but the latter half was a little warmer and was dry in the eastern half of the State, but the west received local moderate to heavy showers.

CROPS Corn made rapid development during the past week under favorable weather conditions. At present, the crop is about ten days later than usual. As of Saturday, August 4 there was 44% of the State's acreage tasseled compared to 12% a week earlier and 53% on August 5, 1950. The percent tasseled by districts is as follows: District I, 13%; District II, 6%; District III, 46%; District V, 59%; District VI, 48%; District VII, 30%; District VIII, 64%; and District IX, 35%.

Hot, dry weather has reduced the soil moisture supply and rain is needed in many localities. Irrigation has been general and some of the crop has had the second watering. Corn borers are present but do not appear to be as bad as a year earlier. Moths are now flying and there seems to be a rather large number.

Small grain harvest is practically completed except in the Panhandle, where if favorable weather continues the harvest should be completed this week. Yields of wheat have been disappointing in the eastern part of the State but have been fair to good in the western area. Generally, oat yields have turned out much above earlier expectations with some unusually high yields being secure from fertile fields. Adams county reports one field yielding 100 bushels per acre.

Sugar beets, dry beans and potatoes in the Panhandle have made excellent growth and irrigation of these crops is general. Sorghum crops made good progress.

Harvest of the second crop of alfalfa is nearing completion, although some fields are being left for seed. Rain is needed to give the third crop a good start and many farmers expect to leave the third crop for seed. Plowing of small grain stubble fields has been general but the hard packed ground has been turning over in rather large chunks. Continued dry weather will delay preparation of such fields for fall seeded crops.

A total of 256 cars of early potatoes had been shipped by the close of August 3. The early potato crop as well as the farm crop of potatoes are yielding well this year. The shipments of the 1950 potato crop amounted to 8,294 cars.

Pastures continue in excellent condition, although the grass is curing rather rapidly. Pastures need rain. Wild hay harvest is underway and very good yields are being obtained. A shortage of harvest hands in the hay area prevails.

LIVESTOCK All livestock continue in good condition. Range feed has been sufficient for cattle and very good gains have been made from such feed. Losses have been rather light and calves are expected to go to market carrying very good weight this fall.

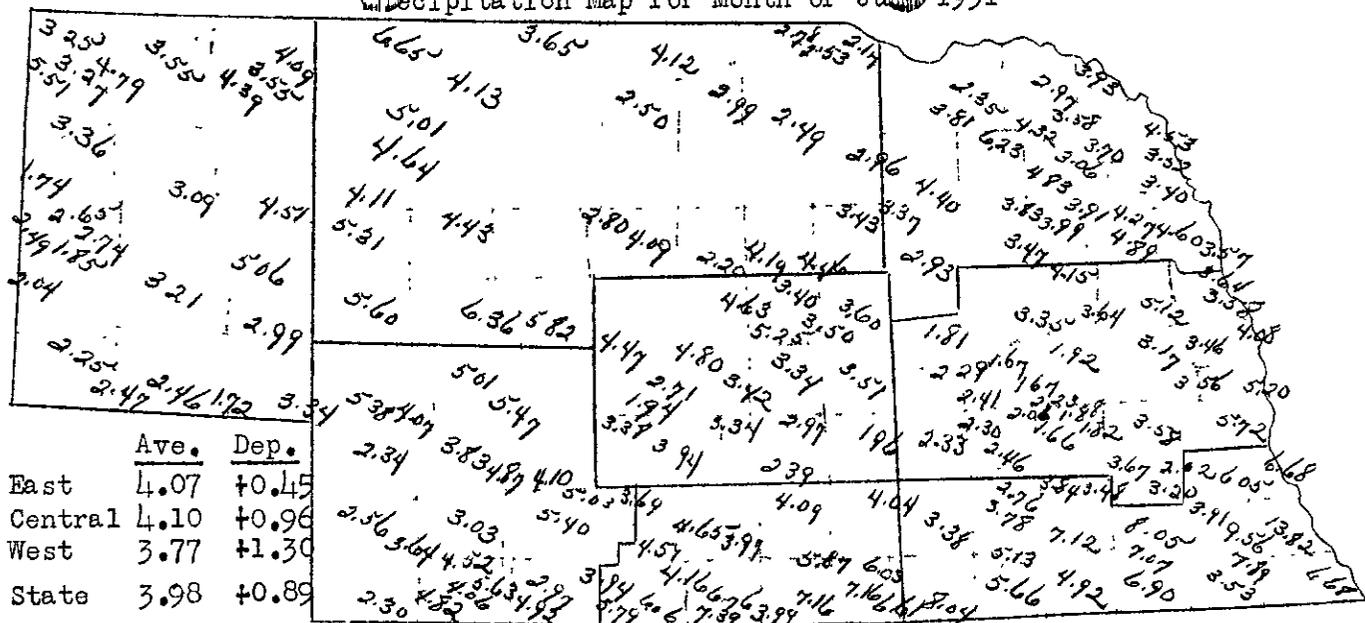
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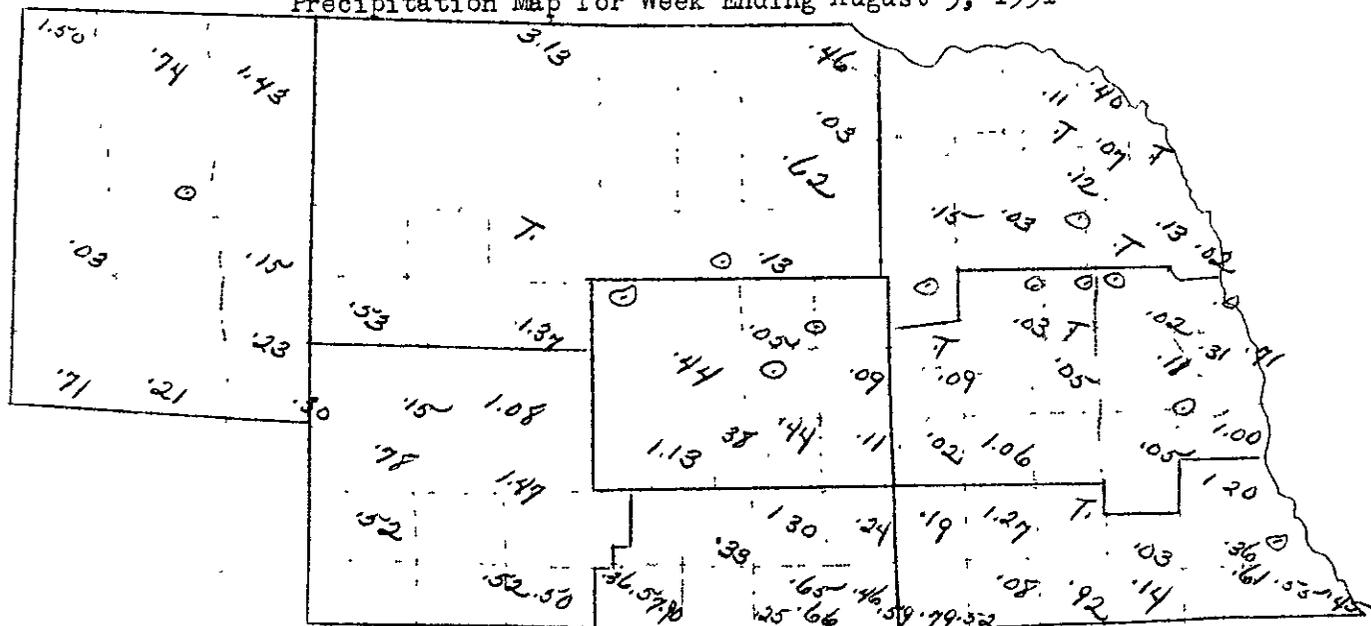
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Precipitation Map for Month of July 1951



Precipitation Map for Week Ending August 3, 1951



HIGHEST AND LOWEST TEMPERATURES (For 24 hours ending in a.m.)

		JULY		AUGUST											
		31st	1st	2nd	3rd	4th	5th	6th							
		Max	Min	Max	Min	Max	Min	Max	Min	Max	Min				
NW	Chadron	89	65	92	67	101	67	86	53	84	66	95	65	93	58
	Scottsbluff	87	64	95	65	97	70	84	59	77	62	93	63	91	60
	Sidney	87	61	91	63	--	69	90	64	74	61	95	62	91	57
N-C	Burwell	--	--	--	--	90	71	86	61	83	60	83	71	96	64
	Valentine	86	66	90	61	91	69	83	60	83	66	84	69	92	59
NE	Norfolk	--	--	90	64	90	72	90	61	84	58	85	69	99	68
	Sioux City	90	62	91	64	88	69	82	60	83	56	85	67	94	68
CEN.	Grand Island	91	59	90	64	91	70	98	68	83	62	86	69	98	68
	Lexington	88	62	88	65	90	70	95	65	78	61	83	72	94	63
E-C	Lincoln	92	65	89	64	89	72	100	69	85	63	84	69	102	74
	Omaha	94	64	90	64	88	71	92	66	85	63	85	67	97	75
SW	Imperial	90	67	88	65	96	66	97	67	77	62	--	--	97	61
	North Platte	88	64	85	68	91	72	90	68	76	63	83	71	94	62

WEATHER BUREAU TELEGRAPHIC REPORT OF PRECIPITATION FOR THE WEEK ENDING AUGUST 6, 1951

Eastern Division		Eastern Div. Cont'd.		Central Division		Western Division	
Albion	0	Hastings	.14	Broken Bow	0	Alliance	.09
Ashland	0	Lincoln	.05	Burwell	.13	Chadron	.06
Auburn	.10	Norfolk	.03	Cambridge	.36	Culbertson	.54
Beatrice	.03	Oakdale	.15	Holdrege	.33	Imperial	.68
Columbus	0	Omaha	.71	Lexington	.67	Kimball	.71
Fairbury	.92	Red Cloud	.50	North Loup	0	Scottsbluff	.02
Fairmont	1.27	St. Paul	0	North Platte	.40	Sidney	.06
Falls City	.45	Tekamah	.02	O'Neill	.11		
Fremont	.02	Wakefield	.07	Ravenna	0		
Grand Island	0	York	.92	Valentine	2.72		
Hartington	.11						
Average this week			0.26		0.47		0.31
Total since April 1			20.97		16.57		11.76
Normal since April 1			15.20		13.12		10.70

(Issued by the Weather Bureau and the State and Federal Departments of Agriculture)