

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

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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 10-2-51 - 11:00 A.M.

Week Ending 10-1-51

WEATHER The week was considerably cooler than normal, with freezing temperatures over the entire State on Friday morning, but a sharp change to the warmer occurred during the last two days. A few light to locally moderate showers fell over the eastern portion early in the week, but there was practically none elsewhere. Several days were rather windy.

CROPS Approximately 70% of the corn had advanced far enough before the general killing frost of Sept. 28 to escape appreciable damage. About 10% of the corn that was in the milk stage was ruined, the balance, 20% of the crop that was in the various dough stages was damaged but in varying degrees.

These estimates were based on extensive field observations. Seventy-four percent of the corn had tasseled by August 11, which gave that portion of the crop 47 days to mature before the frost which occurred September 28. Generally, it takes about 50 days for corn to mature after tasseling. However, progress seemed to be a little slower this year because of so much cool, wet weather, lack of sunshine and wind. Stands of corn are considerably below the average. Many fields are weedy and there was a lack of cultivation because of the wet soil condition. Insects did some damage in addition to the injury from hail and wind storms.

The beneficial effects of fertilizer were quite noticeable. Also, corn is much better in the irrigated sections. The irrigated corn is much farther advanced than non-irrigated. Stands were better and it appears that commercial fertilizer may have speeded up the progress of the crop.

About 94% of the wheat had been seeded by the close of the week as compared with 74% a week earlier and 90% a year ago. Much of the crop is up and it appears to be coming nicely. Some of the plowing was delayed because of wet fields and a packed soil condition due to heavy rains, particularly, in southeastern Nebraska.

The sorghum crop was badly damaged by the frost and only a very small percent of the crop was approaching maturity. Generally, most soybeans had matured before the frost.

In the North Platte Valley late beans are damaged badly by the frost, as well as hail and rust. The early planted beans are good. There appears to be considerable damage from blight of potatoes but so far it appears worse in the dryland areas and in the Mirage Flats. The yields will not come up to earlier expectations in the North Platte Valley, but the damage from blight may not be as great as some reports have indicated. Sugar beets were not damaged by the frost and the crop is promising.

Frost damaged some of the final crop of alfalfa and considerable of it was being cut immediately after frost. The yields of alfalfa were very good but the quality was lowered considerably by rains during harvesting. Wild hay yields are good. Harvest started later and is continuing longer than usual because of the interference by rains. Pastures have been very good all season. Fall seeded alfalfa and grasses are excellent.

LIVESTOCK August shipments of livestock to country points in Nebraska showed 12% increase over August a year ago and July and August shipments showed an increase of 22% over the same two months a year ago. For the eight Corn Belt States August shipments to country points were 23% greater and for July and August 19% greater. Shipments of sheep and lambs to country points in Nebraska during August were nearly doubled that of August a year ago and the same holds for July and August as compared to a year ago. For the eight Corn Belt States shipments to country points in August were up 47% compared to August a year ago and July and August shipments were up 30%. August commercial chick production amounted to 230,000 birds against 185,000 August a year ago and 52,000 the 1945-49 average.

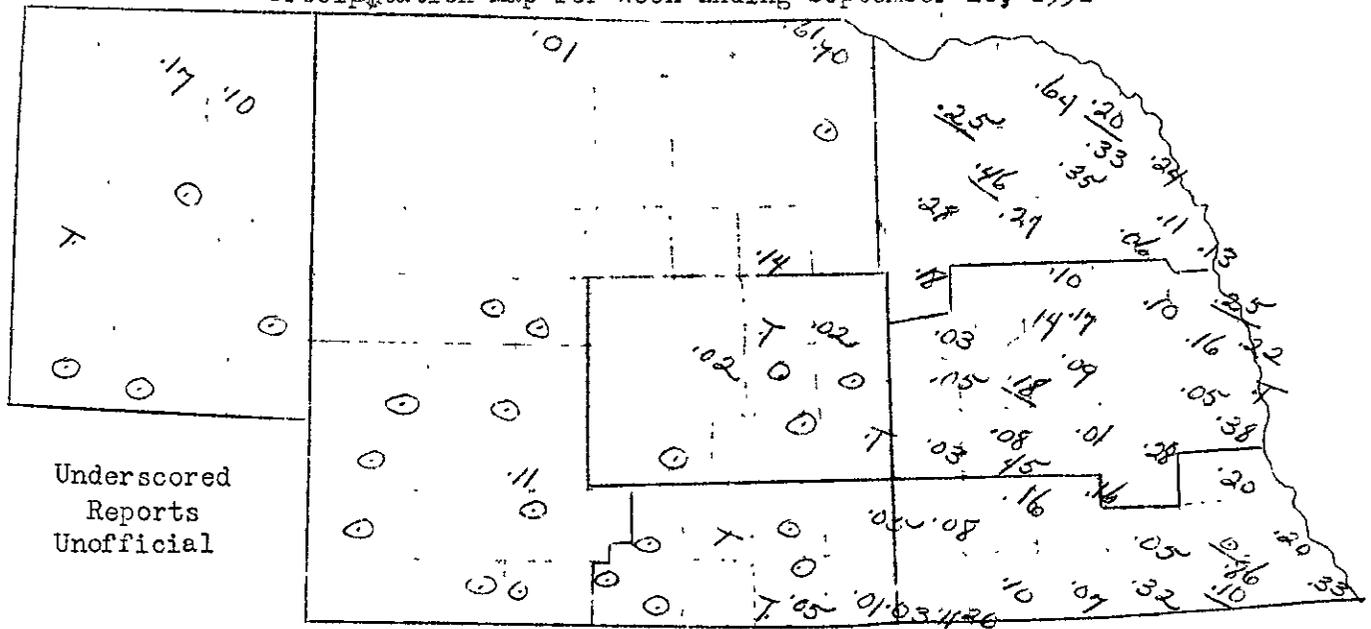
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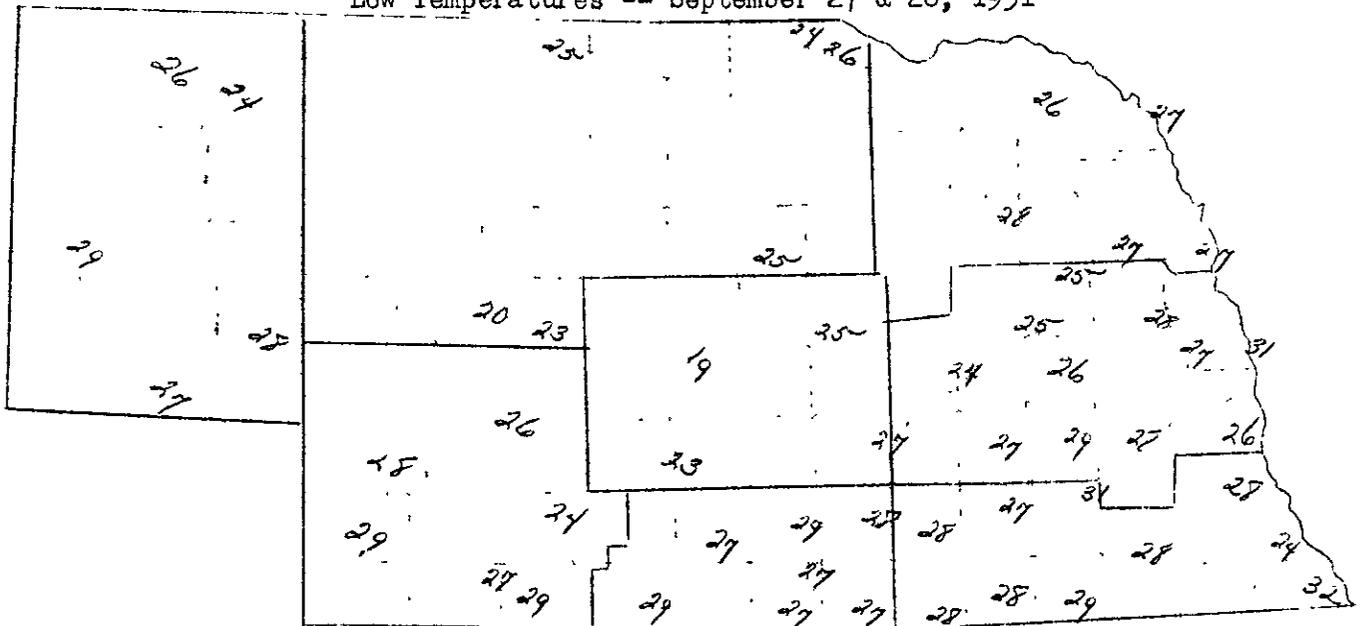
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10-2-51

Precipitation Map for Week Ending September 28, 1951



Low Temperatures -- September 27 & 28, 1951



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

		SEPTEMBER						OCTOBER							
		25th		26th		27th		28th		29th		30th		1st	
		Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
NW	Chadron	66	35	89	39	64	33	51	26	72	53	82	40	86	51
	Scottsbluff	72	45	87	54	70	29	54	31	74	42	77	42	83	43
	Sidney	75	44	85	53	68	29	57	24	68	44	78	46	84	50
N-C	Burwell	52	38	58	52	68	29	52	25	81	--	--	--	85	49
	Valentine	58	36	74	47	62	31	47	25	59	47	80	41	88	55
NE	Norfolk	52	43	58	54	71	37	51	28	57	48	77	52	86	52
	Sioux City	52	39	58	54	71	37	52	27	57	46	68	52	84	57
CEN.	Grand Island	50	41	58	54	74	37	55	27	57	49	79	59	87	55
	Lexington	55	37	57	45	76	33	57	23	56	46	83	53	88	46
E-C	Lincoln	51	50	62	55	75	40	57	30	59	51	69	61	80	64
	Omaha	52	50	60	57	74	42	55	31	59	47	66	58	83	62
SW	Imperial	66	37	81	49	74	33	59	29	64	41	84	49	87	49
	North Platte	63	40	71	45	72	34	57	26	58	45	84	45	87	51

WEATHER BUREAU TELEGRAPHIC REPORT OF PRECIPITATION FOR WEEK ENDING OCTOBER 1, 1951

Eastern Division		Eastern Div., Cont'd.		Central Division		Western Division	
Albion	.18	Hastings	.05	Broken Bow	0		
Ashland	.03	Lincoln	.28	Burwell	0		
Auburn	.20	Norfolk	.01	Cambridge	0		
Beatrice	.08	Oakdale	0	Holdrege	0	None	
Columbus	.05	Omaha	.17	Lexington	.01		
Fairbury	.02	Red Cloud	.03	North Loup	0		
Fairmont	.09	St. Paul	0	North Platte	0		
Falls City	.30	Tekamah	.14	O'Neill	0		
Fremont	.06	Wakefield	.05	Ravenna	0		
Grand Island	0	York	.08	Valentine	0		
Hartington	.03						
Average this week		0.09		T		0	
Total since April 1		30.05		23.10		16.76	
Normal since April 1		20.79		17.26		13.72	

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