

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 8-14-51 - 11:00 A.M.

Week Ending 8-13-51

WEATHER Temperatures averaged near normal, with warm weather during the first half of the week, and rather cool during the latter half. Moderate to heavy rains fell over most of the eastern half of the State during the middle and latter portions of the week, and light to moderate, but locally heavy over the western half. There was generally little wind, abundant sunshine, and rather high humidity.

CROPS Corn was greatly benefited by timely rains which fell during the week. The weather since August 8 has been ideal for pollination. Barring an early frost, the present outlook is for a good crop of corn except in the southeast where considerable of the corn is extremely poor. Corn made rapid growth with 74% of the State acreage tasseled August 11 compared with 44% up to a week ago and with 83% tasseled to August 12, 1950, which was also later than usual. The percent tasseled to date by districts are as follows: Northwest 53%, North 44%, Northeast 79%, Central 81%, East 80%, Southwest 68%, South-Central 91% and Southeast 56%.

Corn condition was reduced in scattered areas due to hail and also wind damage, particularly in fields infested with corn rootworm which appear to be most prevalent in the central, south and eastern districts. Corn borers are still present but have not yet appeared in serious numbers.

Wheat harvest is completed except in the northern Panhandle where it is expected to be completed this week. Yields in many fields were not up to earlier expectations based on appearances prior to harvest. The August 1 estimate for Nebraska was 15.0 bushels per acre, a drop of 3.5 bushels under the July 1 forecast. Part of the crop is of such poor quality that it may not germinate well.

Harvest of other small grain is approaching completion. Barley yields vary considerably, but quality is generally good. Oat yields are still exceeding expectations in most cases. Several instances of yields up to 100 bushels per acre are reported with many fields yielding 50-80 bushels per acre. Test weights are generally good. Some oats are still in the shock.

Grain sorghums are making progress but are rather weedy in some localities and some fields are heading out. Recent rains were highly favorable. A hail storm Wednesday, August 8 did considerable damage to beans and sugar beets in the Bayard area.

Wild hay harvest is in full swing except in low lying meadows where high water tables are causing harvesting difficulty. Yields are very good. Some of the alfalfa crop which was being left for seed was cut for hay due to webworm infestation which is appearing in many counties. Rains of the past week were highly favorable for the third crop which was needing moisture badly. Some counties also report infestations by the lygus bug especially where fields were not sprayed.

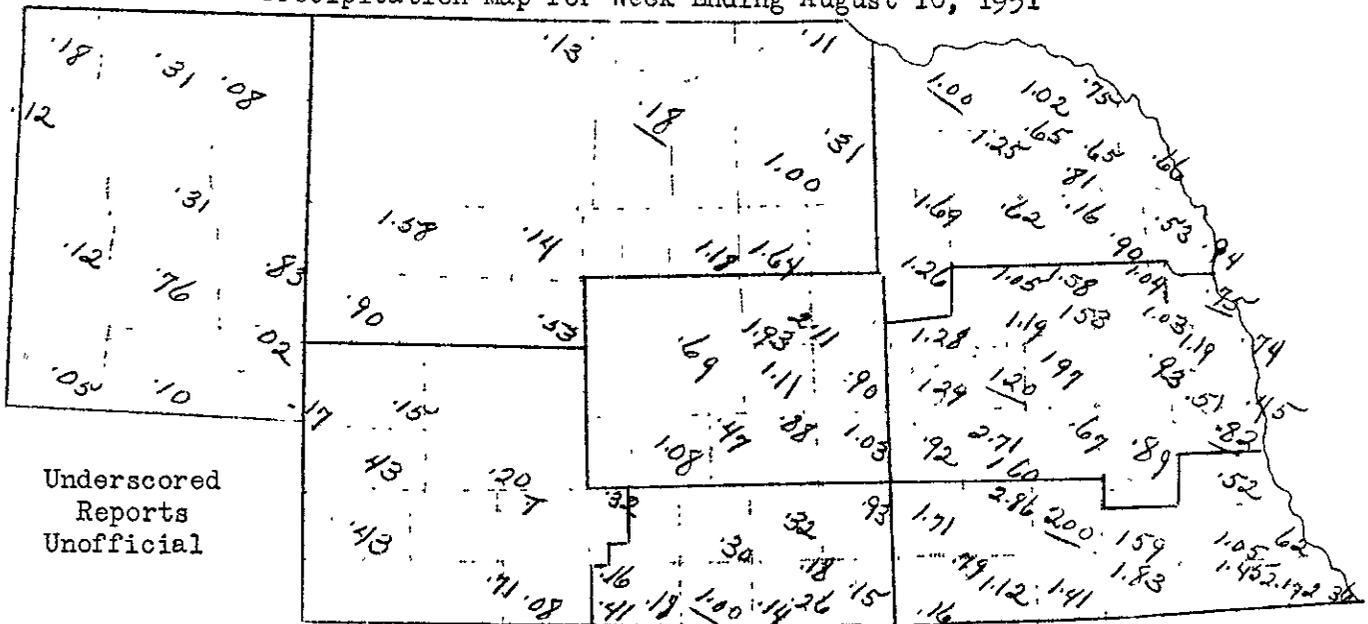
Pasture conditions are still high and continue to make good growth with the aid of recent rains. Some pasture had started to turn brown prior to the rain. Numbers of grasshoppers are increasing. Recent rains were beneficial for fall plowing and many farmers were able to complete their plowing for fall seeding.

Potato shipments in the central area totaled 427 cars up to August 10 compared with 332 cars up to the same date a year ago. Yields and quality are both good. The August 1 estimate of 351 million bushels for the U. S. is down about 20% from last year.

The farm labor supply is still rather short. Total demand has diminished with completion of hay and grain harvest. Considerable farm labor is presently being used for detasseling corn.

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Precipitation Map for Week Ending August 10, 1951



Underscored  
Reports  
Unofficial

HIGHEST AND LOWEST TEMPERATURES (For 24 Hours Ending in a.m.)

		AUGUST													
		7th		8th		9th		10th		11th		12th		13th	
		Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
NW	Chadron	96	64	91	51	82	51	78	50	78	51	80	66	79	57
	Scottsbluff	94	61	89	52	85	53	81	52	80	53	78	61	90	62
	Sidney	94	56	89	51	87	53	82	54	84	45	79	59	91	60
N-C	Burwell	94	67	95	57	85	57	76	55	81	56	77	61	--	--
	Valentine	93	68	90	56	76	57	79	53	77	51	73	61	83	54
NE	Norfolk	94	72	97	63	89	59	81	54	82	60	78	61	82	61
	Sioux City	92	65	95	65	88	60	86	58	84	59	76	59	74	62
Gen.	Grand Island	96	68	94	66	92	58	81	59	83	62	81	64	86	58
	Lexington	93	63	91	59	88	55	79	54	81	54	81	61	87	59
E-C	Lincoln	94	76	95	72	93	63	82	60	85	65	80	62	86	62
	Omaha	94	67	94	69	92	63	85	60	83	64	81	61	85	62
SW	Imperial	96	60	95	59	90	52	81	61	80	50	76	61	95	61
	North Platte	92	65	93	58	78	55	79	54	80	52	77	63	90	62

WEATHER BUREAU TELEGRAPHIC REPORT OF PRECIPITATION FOR THE WEEK ENDING AUGUST 13, 1951

Eastern Division		Eastern Div., Cont'd.		Central Division		Western Division	
Albion	1.26	Hastings	1.02	Broken Bow	2.10	Alliance	.31
Ashland	1.78	Lincoln	1.59	Burwell	2.56	Chadron	.31
Auburn	.97	Norfolk	1.77	Cambridge	.56	Culbertson	1.14
Beatrice	2.62	Oakdale	3.13	Holdrege	.30	Imperial	.43
Columbus	2.20	Omaha	1.64	Lexington	1.14	Kimball	.05
Fairbury	2.86	Red Cloud	.16	North Loup	4.36	Scottsbluff	.10
Fairmont	3.78	St. Paul	1.75	North Platte	.90	Sidney	.01
Falls City	2.56	Tekamah	3.33	Ravenna	2.45		
Fremont	2.38	Wakefield	2.50	O'Neill	2.12		
Grand Island	2.30	York	3.81	Valentine	.15		
Hartington	2.15						
Average this week			2.17		1.66		0.34
Total since April 1			23.14		18.23		12.10
Normal since April 1			15.99		13.80		11.22

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