

NEBRASKA WEATHER & CROPS

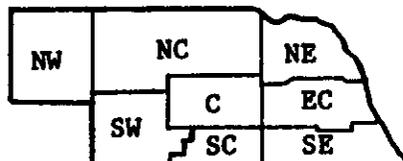
CD
Run 2300 8-1-83
 CD

NEBRASKA
 CROP & LIVESTOCK
 REPORTING
 SERVICE

For Week Ending 7/31/83

Issue: 21-83 Phone: (402) 471-5541 P.O. Box 81069
 Released: 8/1/83 - 3:00 p.m. Location: 273 Federal Bldg. Lincoln, NE 68501

Statistical Reporting Service
 U.S. Department of Agriculture
 and U.S. Department of Commerce
 National Oceanic and Atmospheric Admn.
 National Weather Service



Nebraska Department of Agriculture
 Division of Agr'l. Statistics
 Cooperative Extension Service
 Institute of Agriculture
 and Natural Resources--UNL
 CROPS (Cont.)

WEATHER

Good amounts of rain were reported across the State ranging from a half inch to two inches. The wettest area was over the northeast. Temperatures over the northern section were near normal and two to four degrees above normal over the south.

GENERAL

Rainfall fell over most of Nebraska during the week. This slowed the progress of winter wheat harvest in the west but brought welcome relief to dryland crops stressed by the extended hot, dry conditions. Driest conditions in Nebraska continued to exist in the southeast. Light precipitation accumulations left southeastern counties showing both short topsoil and subsoil supplies. However, in many other areas, topsoil moisture levels held steady or improved during the week. Corn pollination was at its peak by week's end with pod-setting of soybeans and sorghum heading underway. The number of days considered suitable for fieldwork were 5.5.

Topsoil moisture supplies rated 44% short, 54% adequate and 2% surplus. Subsoil supplies were 48% short, 50% adequate and 2% surplus. A year ago, topsoil moisture was 63% short, 30% adequate and 7% surplus. Subsoil supplies were 20% short, 78% adequate and 2% surplus.

CROPS

Winter wheat harvest moved slowly to 80% complete compared to 90% cut last year and 97% normal. Rain coupled with high

humidity prevented harvest from moving into full swing in a number of Panhandle counties.

Corn condition rated 4% poor, 27% fair, 62% good and 7% excellent. This was up from last week due in part to a much improved rating given for the northeast and south central offsetting poorer southeastern conditions. Fifty percent of the crop was silking, with 40% last year and 80% normal. Only scattered fields had entered the dough stage, same as last year but behind the 15% normal. Producers continued to watch closely for the emergence of the second brood of European corn borer.

Soybean crop conditions rated 29% fair, 70% good and 1% excellent. Blooming was occurring on 85% of the acreage which compares to 45% last year and 75% normal. Thirty percent was podding, well ahead of only 7% last year while 40% is normal.

Sorghum conditions rated 5% poor, 57% fair, 29% good and 9% excellent. The lower rating resulted from the extended dry conditions in the southeast. Heading had occurred on 15% of the acreage compared to 3% last year and 50% normal.

The second cutting of alfalfa was 85% harvested, same as last year and just behind 90% normal.

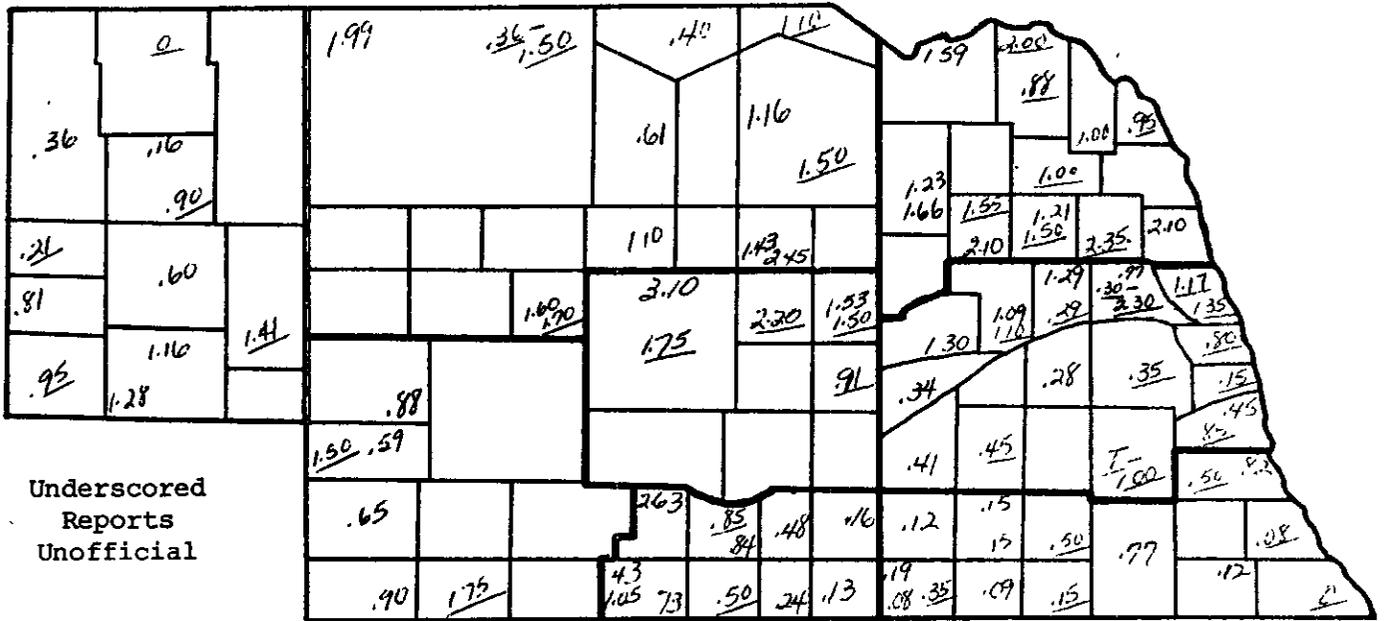
LIVESTOCK

The high seasonal temperatures and humidity continued to stress livestock; however, the moderating temperatures as compared to the previous week were welcome. Pasture and range feed supplies were mostly adequate with the exception of the southeast and parts of east central Nebraska.

Precipitation, April 1 - July 29, 1983

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week70	1.50	1.60	2.00	.70	1.10	.70	.30
Total since April 1	11.10	15.50	16.30	13.20	13.90	10.60	12.10	14.00
Normal since April 1	10.66	11.98	13.97	13.20	14.87	11.22	13.44	15.68

PRECIPITATION MAP FOR WEEK ENDING FRIDAY, JULY 29, 1983



TEMPERATURE AND PRECIPITATION DATA FOR WEEK ENDING SUNDAY, JULY 31, 1983

Station	Temperature				Precipitation
	Extremes		Mean	Departure	Total Inches <u>1/</u>
	Max	Min			
NW Chadron	95	61	76	--	.35
Scottsbluff	94	57	75	0	T
Sidney	--	--	--	--	--
NC Ord	--	--	--	--	--
Valentine	92	60	76	+1	2.21
NE Norfolk	90	57	76	0	1.12
Sioux City	88	59	75	-1	.63
CEN Grand Island	96	58	79	+2	.96
EC Lincoln	106	57	82	+4	.32
Omaha	101	62	79	+3	1.09
SW Imperial	93	60	77	--	--
North Platte	91	59	74	-1	2.07

1/ Precipitation totals not included in map above.

NEBRASKA WEATHER & CROPS (ISSN 0745-0230) is published weekly April-November and monthly December-March by the Nebraska Department of Agriculture, Nebraska Crop and Livestock Reporting Service (NCLRS), 100 Centennial Mall North, Room 273 Federal Building, Lincoln, NE 68508. Subscription is free to survey respondents upon request to NCLRS, P.O. Box 81069, Lincoln, NE 68501, or by calling (402) 471-5541 and available for \$12.00 per year to non-reporters. POSTMASTER: Send address changes to NEBRASKA WEATHER & CROPS, Box 81069, Lincoln, NE 68501.

NEBRASKA WEATHER & CROPS
P.O. Box 81069
Lincoln, NE 68501

Second Class Postage
Paid at
Lincoln, Nebraska

