

# NEBRASKA *Run 2300* *8-8-83*

## WEATHER & CROPS



For Week Ending 8/7/83

Issue: 22-83

Phone: (402) 471-5541

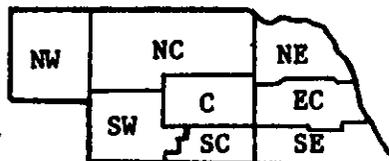
P.O. Box 81069

Released: 8/8/83 - 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

### WEATHER

It was a hot week again with only sparse and scattered showers. Several days showed readings of 100 degrees or higher. The average temperatures ranged from 4 to 7 degrees above normal. Rainfall was light except for some localized heavy amounts of one to three inches.

### GENERAL

Hot, dry weather returned to Nebraska with irrigation demanding full-time attention in the southern half of the state. Dryland crop conditions in the east and south continued to decline during the week. Most row crops in the southeast were deteriorating daily during this hot, dry period. In the west, wheat harvest was nearly complete, and in the east oats combining was about one week away from wind-up. Other fieldwork activities included weed control in soybeans, as well as idled acres, and meadow and upland hay harvest in the north. Days suitable for fieldwork were 6.6.

Topsoil moisture supplies rated 67% short and 33% adequate. Subsoil supplies were 41% short, 57% adequate and 2% surplus. A year ago, topsoil moisture rated 64% short, 34% adequate and 2% surplus. Subsoil supplies were 27% short, 71% adequate and 2% surplus.

### CROPS

The combined rating of irrigated and non-irrigated corn showed 5% in poor condition, 21% fair, 62% good and 12% excellent. Large differences existed between the irrigated and dryland ratings. Nearly 90% of the irrigated corn crop rated mostly good or excellent while

### CROPS (Cont.)

nearly 60% of the dryland corn rated mostly fair to poor. Silking had occurred on 90% of the acreage compared to 70% last year but same as the five-year average. Corn having reached the dough stage was 15%, compared to 10% previous year and 25% average. Various insect problems were reported with producers busy scouting fields during the week.

Sorghum crop conditions rated 24% poor, 45% fair, 24% good and 7% excellent. Heading was underway on 50% of the acreage, with only 20% heading last year but 60% average.

Soybean conditions moved sharply lower with 5% poor, 48% fair and 47% good. Ninety percent of the crop was blooming compared to 65% last year and a three-year average of 80%. Podding was underway on 55%, same as the average but well ahead of 20% last year.

The third cutting of alfalfa was 15% complete with both last year and average at 10%. Growth in many eastern and southern fields was very short with some producers expecting no third cutting this year.

Winter wheat harvest was 98% complete, with 100% cut last year and average. High humidity and late afternoon showers hindered the final wind-up in the Panhandle this week.

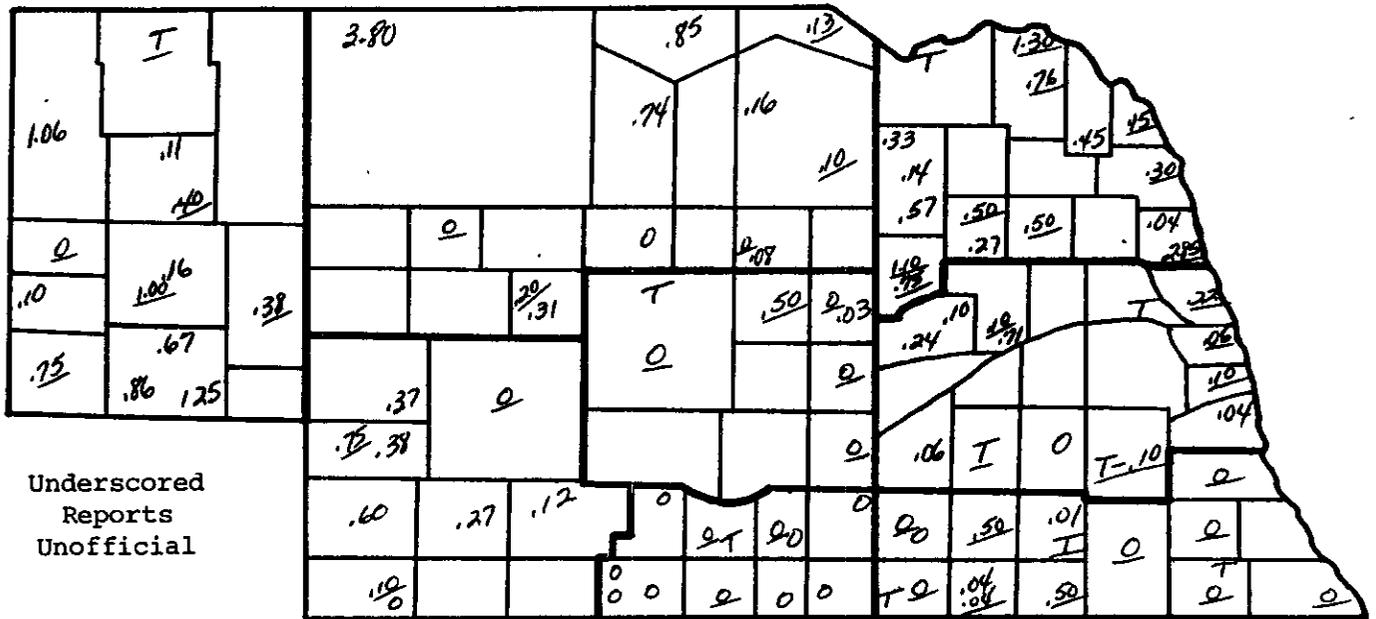
### LIVESTOCK

Pasture and range feed supplies once in great abundance were being rapidly depleted in parts of the east and south. Supplemental feeding was underway in a few areas. Heat and high humidity again combined to heavily stress livestock. Losses of confined fat cattle and hogs were reported, with death losses in young pigs also occurring.

### Precipitation, April 1 - August 5, 1983

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week .....	.60	1.00	.30	.00	.20	.30	.00	.00
Total since April 1 .....	11.70	16.50	16.60	13.20	14.10	10.90	12.10	14.00

PRECIPITATION MAP FOR WEEK ENDING FRIDAY, AUGUST 5, 1983



Underscored  
Reports  
Unofficial

TEMPERATURE AND PRECIPITATION DATA FOR WEEK ENDING SUNDAY, AUGUST 7, 1983

Station	Temperature				Precipitation
	Extremes		Mean	Departure	Total Inches <u>1/</u>
	Max	Min			
NW Chadron	100	60	79	--	.04
Scottsbluff	96	60	78	+6	.02
Sidney	--	--	--	--	--
NC Ord	96	61	80	--	0
Valentine	99	61	80	+5	T
NE Norfolk	98	67	80	+4	.38
Sioux City	97	64	82	+7	0
CEN Grand Island	102	66	84	+7	.11
EC Lincoln	102	67	85	+7	.13
Omaha	100	68	83	+7	.11
SW Imperial	99	63	80	--	.22
North Platte	95	61	78	+3	.66

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.

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Lincoln, NE 68501

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