

# NEBRASKA WEATHER & CROPS

*Rain  
2,700  
5-18-81*

Nebraska  
**Crop & Livestock  
Reporting  
Service**

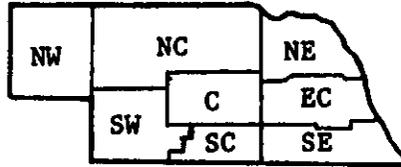
P.O. Box 81069  
Lincoln, Nebraska 68501

Phone: (402) 471-5541

Release 5/18/81 - 3:00 p.m.

Week Ending 5/17/81

Economics, Statistics, & Cooperatives Service  
U.S. Department of Agriculture  
and U.S. Department of Commerce  
National Oceanic and Atmospheric Adm.  
National Weather Service



Nebraska Department of Agriculture  
Division of Agr'l Statistics  
Cooperative Extension Service  
Institute of Agriculture  
and Natural Resources--UNL

## WEATHER

Rain averaged from an inch to an inch and a half around the State. Most of the rain fell during the weekend. Amounts over two inches fell along the southern border. Temperatures averaged about five degrees below normal.

## GENERAL

Weekend rains provided much needed moisture statewide and will be very beneficial to crops and pastures. The cool, wet conditions have caused some yellowing of crops with warmer temperatures needed after two weeks of below normal temperatures. Determination of the extent of freeze damage to yield is uncertain with time needed to evaluate affects on crop development. Damage to headed wheat was evident in some south central and south-western fields as the week came to a close, although developmental stages and elevation can and do vary within fields which makes the effects of the freeze varied. Freeze damage was most evident on alfalfa and oats in a few northeastern and north central border counties. Days suitable for fieldwork were 4.8.

As of Friday, May 15, topsoil moisture supplies rated 35% short, 60% adequate and 5% surplus. Subsoil supplies were 83% short and 17% adequate. A year ago, topsoil moisture was 61% short, 31% adequate and 8% surplus. Subsoil supplies were 12% short and 88% adequate.

## CROPS

Corn planting advanced to 70% complete compared to 85% last year and 65% normal. Emergence stood at 30% compared to 25% a year ago. Limited replanting has occurred in areas where early emerging corn was severely damaged by freezing temperatures. Most producers are being encouraged by extension personnel to wait for expected regrowth before destroying existing stands.

Nebraska's wheat crop condition declined last week and rated 18% poor, 60% fair, 18% good and 4% excellent. Heading was about 40% complete compared to only 1% a year ago and 5% normal. Heading was most advanced in south central and south-eastern counties.

Sorghum planting reached 15% complete compared to 20% last year and normal. Soybean planting moved to 10% compared to 20% last year and 15% normal. The first cutting of alfalfa was just less than 10% harvested with only 1% cut by this date last year and normal. The early season combined with the recent frost damage has prompted producers to begin harvest earlier than normal. Alfalfa crop condition rated mostly fair.

## LIVESTOCK

Pastures are expected to improve with the recent moisture, although the cool temperatures slowed development. Pasture and range feed supplies continued in the mostly short to adequate rating. The wet, cold, windy conditions of this past weekend stressed livestock with muddy feedlot conditions statewide.

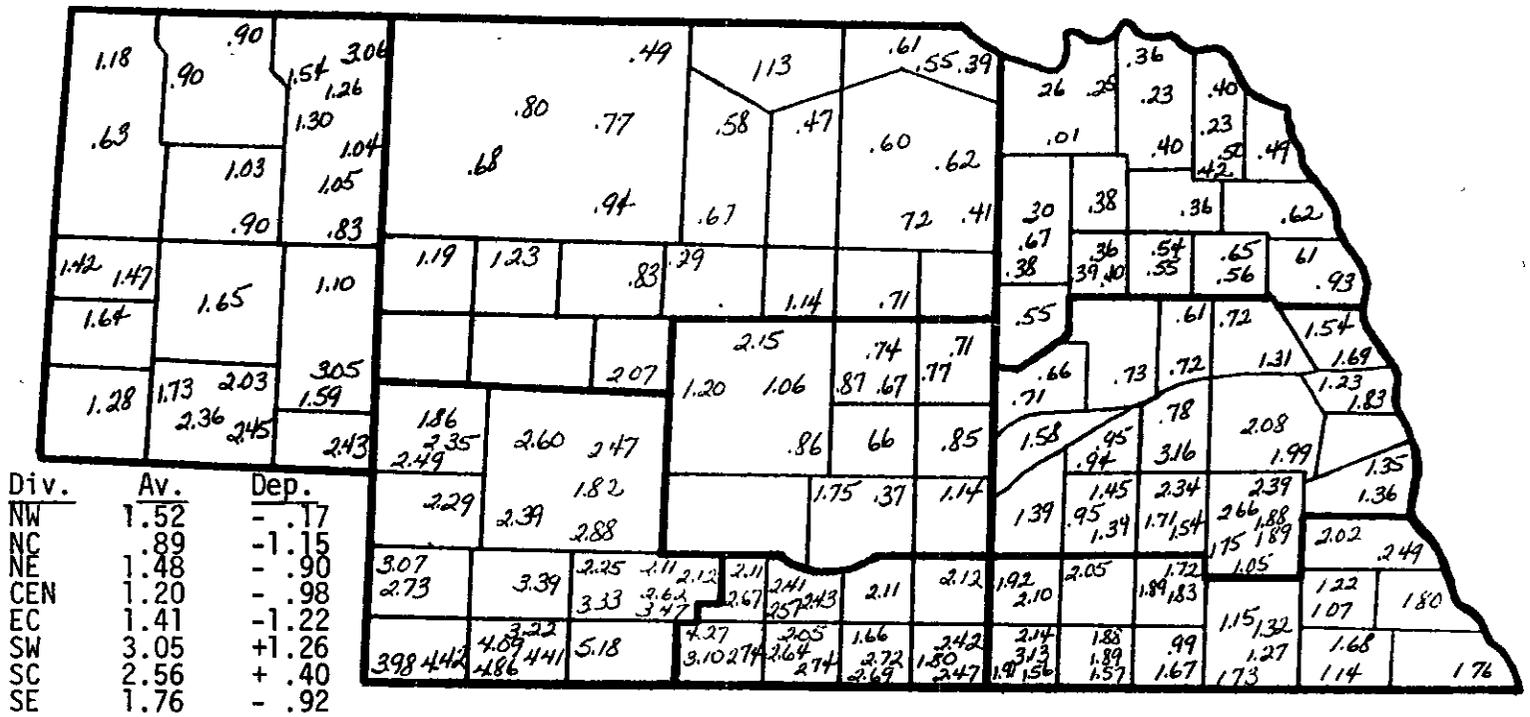
### Precipitation, April 4 - May 15, 1981

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week .....	.60	.40	.40	.70	.20	1.00	.80	.60
Total since April 4 .....	3.80	2.40	1.60	3.30	2.60	4.90	3.10	3.20
Normal since April 1 .....	3.09	3.44	4.01	3.77	4.25	3.20	3.78	4.55

NEBRASKA  
CROP & LIVESTOCK REPORTING SERVICE  
273 Federal Building, Box 81069  
Lincoln, Nebraska 68501  
Official Business

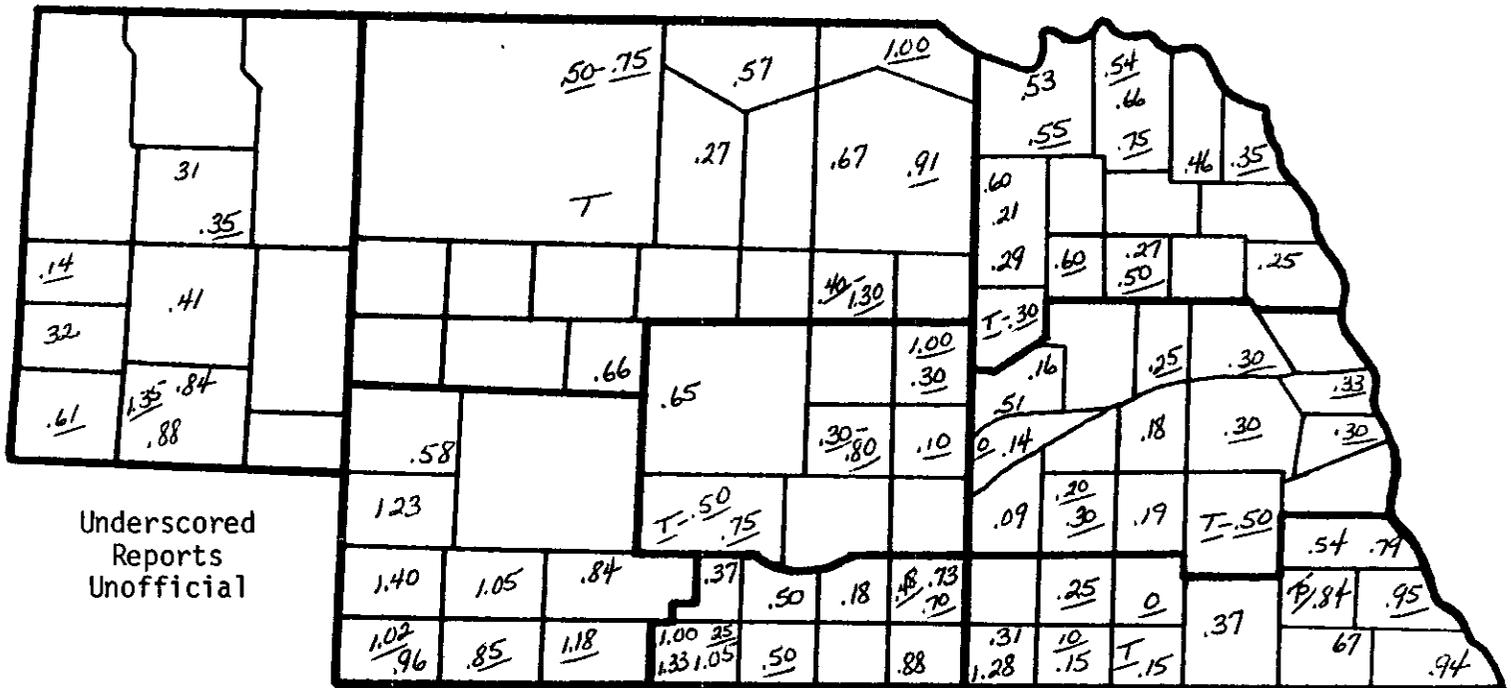
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PRECIPITATION MAP FOR MONTH OF APRIL 1981 1/



1/ Courtesy Center for Agricultural Meteorology and Climatology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln.

PRECIPITATION MAP FOR WEEK ENDING FRIDAY, MAY 15, 1981



TEMPERATURE AND PRECIPITATION DATA FOR WEEK ENDING SUNDAY, MAY 17, 1981

Station	Temperature				Precipitation
	Extremes		Mean	Departure	Total Inches 1/
	Max	Min			
NW Chadron	72	29	51	--	---
Scottsbluff	76	34	53	-3	.93
Sidney	71	29	49	--	2.71
NC Valentine	76	32	52	-4	1.20
NE Norfolk	77	31	53	-6	1.47
Sioux City	77	32	55	-5	1.11
CEN Grand Island	74	33	53	-7	2.05
EC Lincoln	77	31	56	-5	1.19
Omaha	74	41	56	-4	1.04
SW Imperial	74	33	52	--	1.91
North Platte	72	31	51	-7	2.43

1/ Precipitation totals not included in map above.