

4-18-77 W.A. 2400

# NEBRASKA WEATHER & CROPS

Nebraska Crop & Livestock Reporting Service

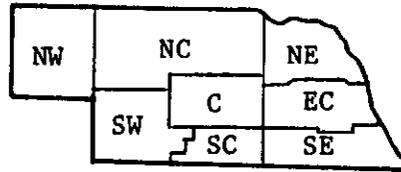
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Release 4/18/77

Week Ending 4/16/77

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



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

## WEATHER

Good amounts of precipitation near or above an inch covered most of the State except over the southeast section where amounts were near a quarter of an inch. Temperatures were five to ten degrees above normal over the western third and fifteen degrees above over the central and east.

## GENERAL

Fieldwork activity was slowed again this past week by showers and thunderstorms. The moisture stopped any wind erosion that might have occurred due to the high winds at the beginning of the week. Winter wheat, pasture growth and spring seeded small grains benefited from the additional moisture. Field preparation and fertilizing continued between showers. County agents estimate that just over 4 days were suitable for fieldwork.

Topsoil moisture supplies improved in most areas of the State. They are now reported at 9% surplus and 80% adequate of the counties reporting. The highest concentration of short topsoil is in the southeast area. Subsoil moisture supplies also improved to 29% adequate with 71% of the counties reporting short. Last year 61% reported adequate topsoil moisture and 18% adequate for subsoil moisture.

## CROPS

Winter wheat condition continues to improve with the additional moisture but still remains in mostly fair condition. Reports have been received of some poor stands of wheat being replanted to other crops. The best wheat condition is reported in the Central District.

Seeding of small grains continues with both oats and barley nearly 75% seeded. This compares with oats at 80% and barley 90% planted a year ago.

Sugar beet planting was making rapid progress until the rains at the first of the week delayed planting.

Alfalfa and wild hay are in mostly fair to good condition across the State.

## LIVESTOCK

Pasture and range feed supplies improved to 40% adequate and 60% short in the counties reporting. Pastures, with the added moisture, are greening up but need more time to grow before they are ready for heavy use. Calving is moving along well with a minimum of problems.

### Precipitation, April 1 - April 15, 1977

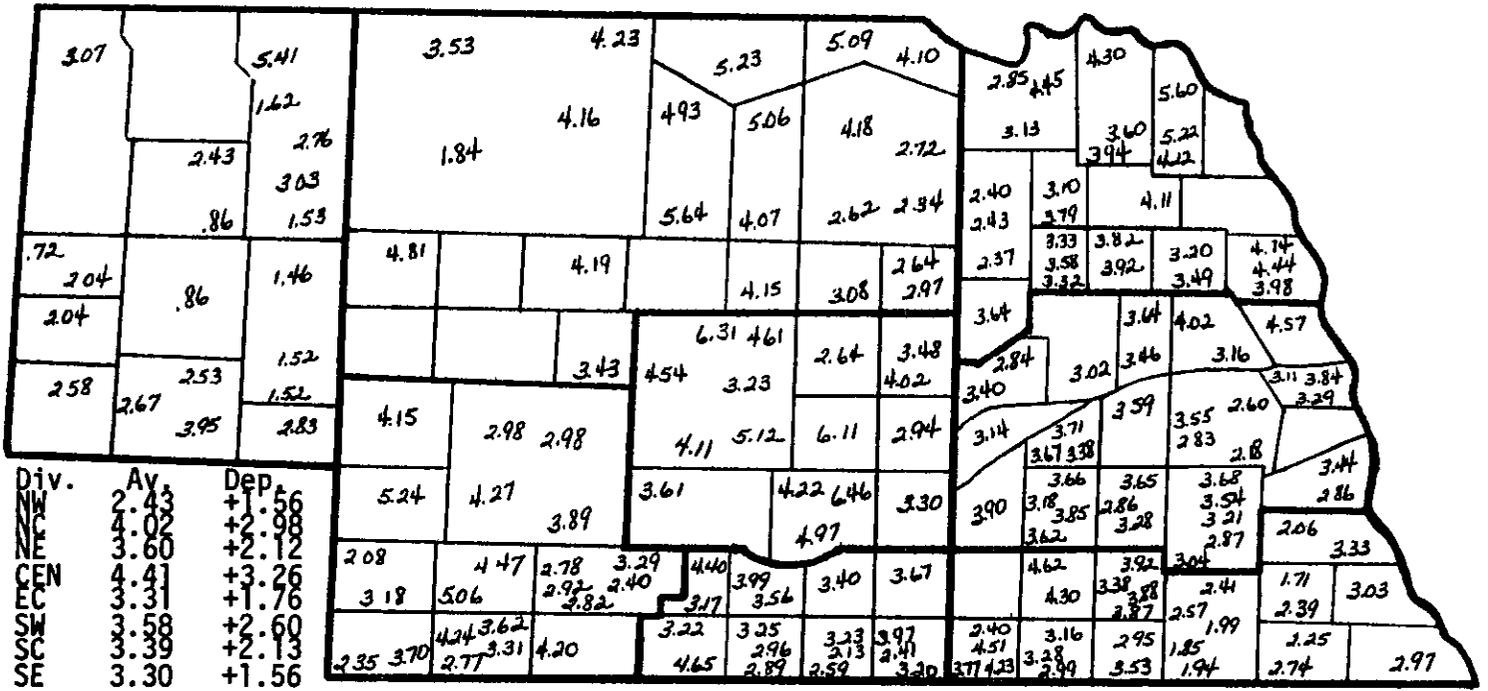
	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week.....	1.40	1.30	1.30	1.40	1.10	1.20	.80	.40
Total since April 1.....	1.50	1.50	2.00	2.10	2.10	1.60	1.60	1.20
Normal since April 1.....	.75	.87	1.14	.95	1.22	.78	.93	1.22

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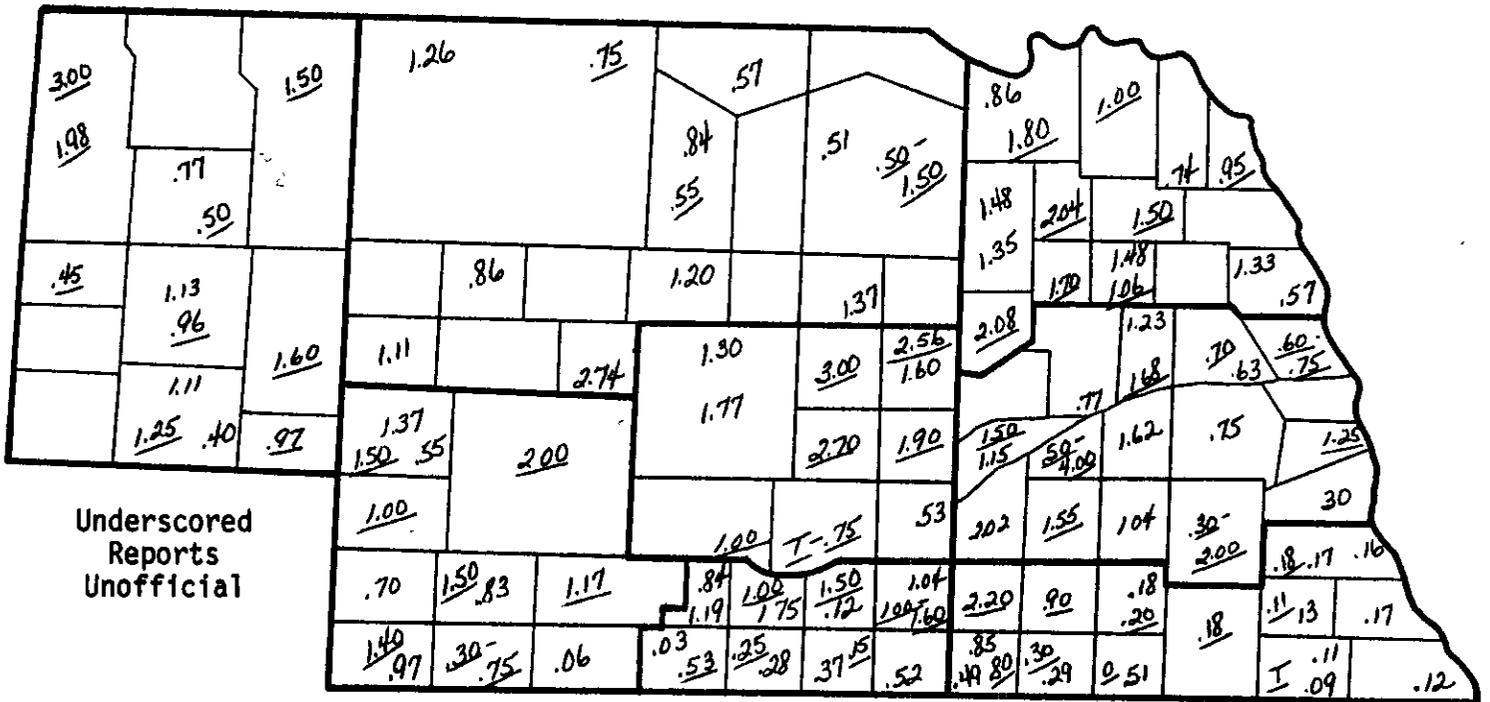


PRECIPITATION MAP FOR MONTH OF MARCH 1977 1/



1/ Courtesy Conservation & Survey Division, University of Nebraska.

PRECIPITATION MAP FOR WEEK ENDING 6:00 A.M. SATURDAY, APRIL 16, 1977



TEMPERATURE AND PRECIPITATION DATA FOR WEEK ENDING 6:00 P.M. SUNDAY, APRIL 17, 1977

Station	Temperature				Precipitation
	Extremes		Mean	Departure	Total Inches 1/
	Max	Min			
NW Chadron	72	31	--	--	2.24
Scottsbluff	74	31	52	+7	1.82
Sidney	71	28	--	--	.77
NC Burwell	--	--	--	--	--
NE Valentine	74	34	54	+9	1.25
Norfolk	76	48	63	+15	1.57
Sioux City	81	51	65	+16	.97
CEN Grand Island	73	43	62	+13	.62
EC Lincoln	84	46	64	+13	.37
Omaha	83	51	68	+17	.77
SW Imperial	76	31	--	--	.86
North Platte	77	34	57	+10	2.33

1/ Precipitation totals not included in map above.