

NEBRASKA WEATHER & CROPS

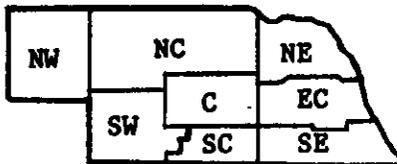
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For Week Ending June 10, 1990

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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

Precipitation occurred midweek with amounts from two-tenths in the western portion to over one inch in the eastern half of the State. Temperatures averaged near normal over the eastern half and up to four degrees above normal in the western portion.

GENERAL

Row crop planting progressed at a rapid pace, according to the Nebraska Agricultural Statistics Service. Again, rain fell in most areas of the State, but fields were dry enough, especially midweek, to allow the planting of soybeans and sorghum, cutting of alfalfa, cultivation of corn, and application of chemicals. An average of 5.0 days were suitable for fieldwork, the most since the first week of May. In the West and Southwest, thunderstorms produced high winds, heavy rain, and hail causing moderate to heavy damage to wheat and corn and replanting of some crops, including millet, sunflowers, and forage grasses. Crusting was a problem to emerging crops in the North and Northeast. Rain and cloudy weather continued to slow crop development, especially in the Southeast.

Topsoil moisture condition rated 8% short, 74% adequate, and 18% surplus. Subsoil moisture was 44% short and 56% adequate. Last year, topsoil moisture rated 73% short and 27% adequate, while subsoil moisture was 91% short and 9% adequate.

CROPS

Winter wheat condition rated 54% fair, 37% good, and 9% excellent. The crop was 96% headed compared with 98% last year and 96% average. Wheat acreage was turning color and reached 10% compared with 23% in 1989 and 25% average. Hail caused moderate to heavy damage in several western and southwestern counties, while rain and high winds caused some lodging in the

CROPS (Cont.)

East. Russian wheat aphid populations were still high in many western counties and heavy chinch bug populations were reported in the Southeast.

Corn condition rated 21% fair, 68% good, and 11% excellent. The crop was 98% emerged compared with 98% last year and 99% average. Most fields were recovering from the yellowing as temperatures returned to normal, although development has been slowed. Hail and high winds caused damage in the Southwest, while high winds caused leaf damage in the eastern third of the State.

Sorghum condition was 43% fair, 54% good, and 3% excellent. Planting was 90% complete compared with 93% last year and average. The crop was 55% emerged compared with 74% in 1989 and 79% average.

Soybean condition was 31% fair, 65% good, and 4% excellent. Planting advanced to 93% complete compared with 96% last year and 95% average. The crop was 65% emerged compared with 86% in 1989 and 82% average. Crusting was causing concern in the northern part of the State.

Alfalfa hay condition rated 30% fair, 58% good, and 12% excellent. The first cutting was 40% complete compared with 68% in 1989 and 72% average. In the Northeast, quality was reported as good with average yields. Wild hay condition rated 4% poor, 55% fair, and 41% good. In the North, stands were thinner than normal as a result of last year's drought.

LIVESTOCK

Pasture and range condition rated 2% poor, 39% fair, 55% good, and 4% excellent. Cattle in the central Sandhills were being shipped to other areas to allow pastures to recover. Pastures across the State have shown improvement as the rain continues. Livestock were in good condition on summer pastures.

Precipitation, April 1 - June 8, 1990

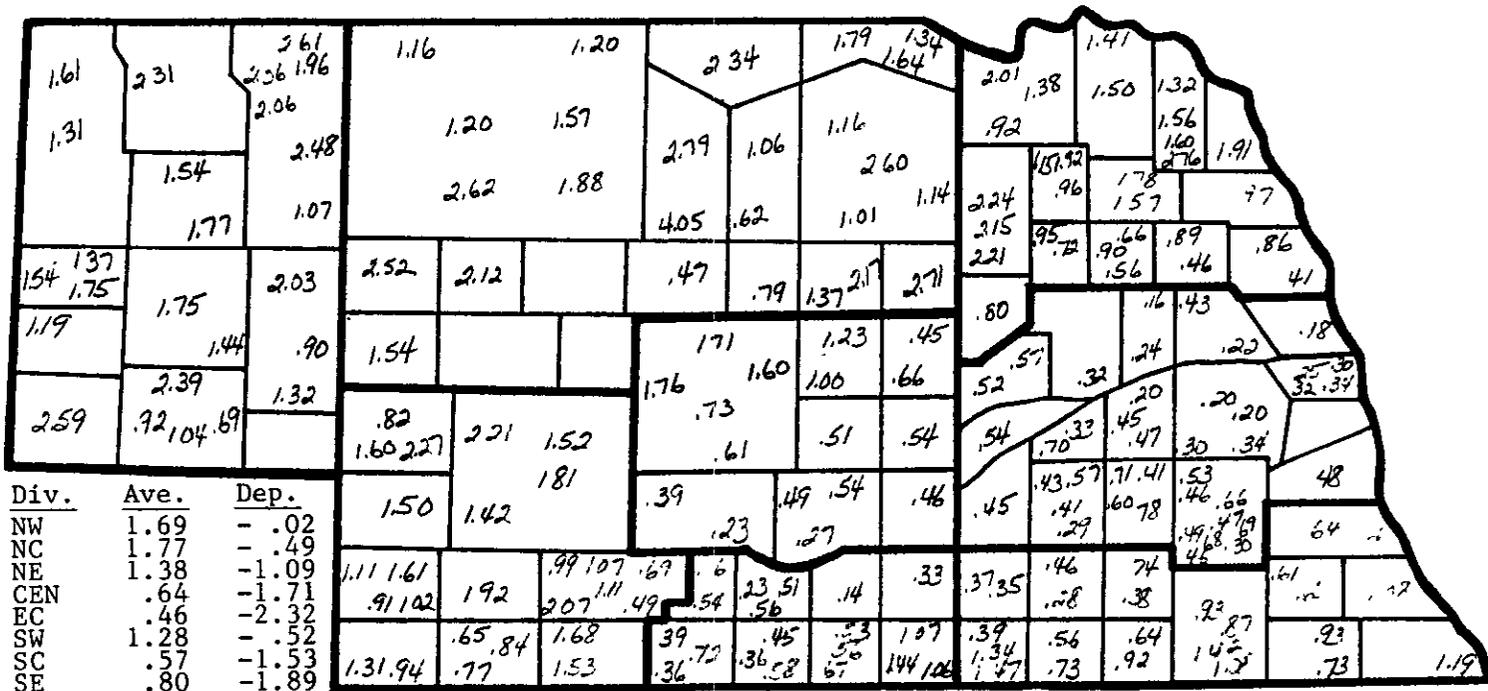
	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week56	1.17	.84	1.19	.95	.72	.83	1.01
Total since April 1	5.03	7.59	6.93	6.43	6.26	6.01	6.62	6.80
Normal since April 1	5.63	6.48	7.45	7.03	7.96	5.85	6.80	7.89
Total as % of Normal	89%	117%	93%	91%	79%	103%	97%	86%

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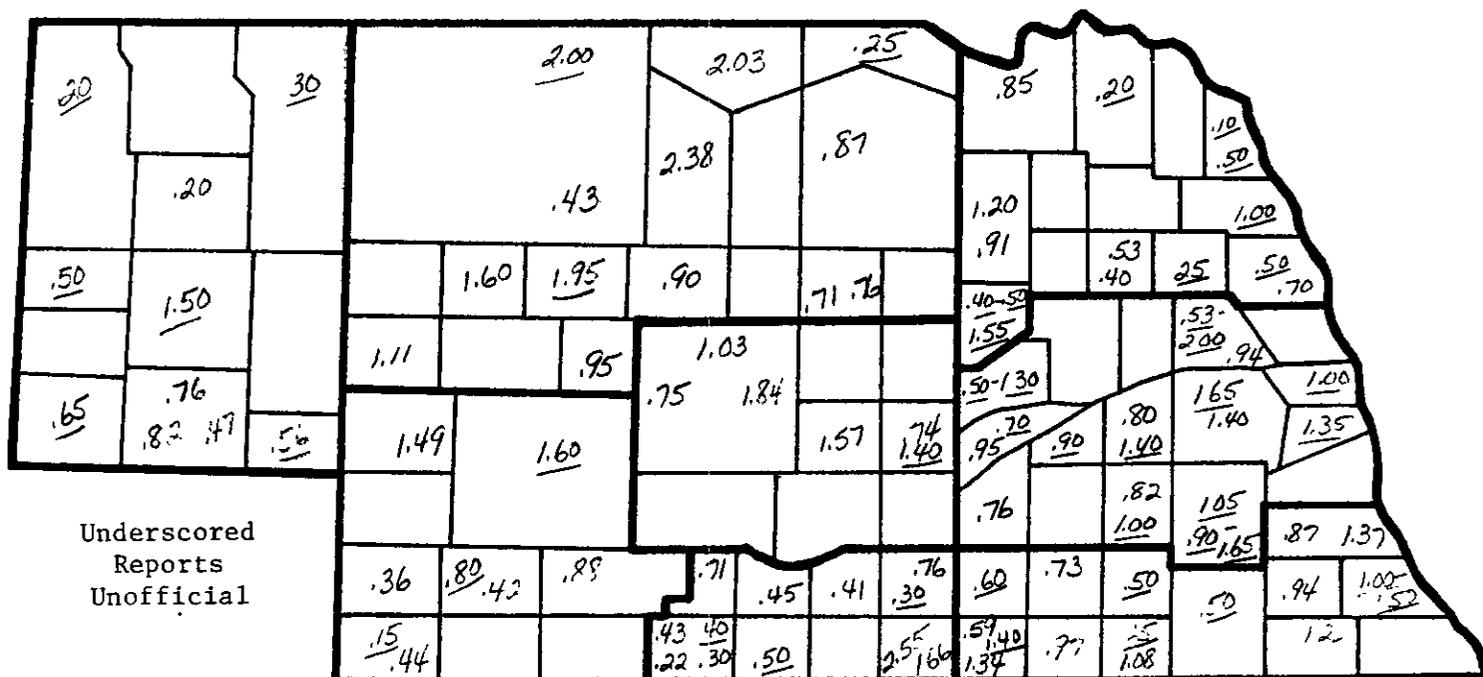
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PRECIPITATION MAP FOR MONTH OF APRIL 1990 1/



1/ Courtesy of the Department of Agricultural Meteorology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln.

PRECIPITATION MAP FOR WEEK ENDING FRIDAY, JUNE 8, 1990



TEMPERATURE AND PRECIPITATION DATA FOR WEEK ENDING SUNDAY, JUNE 10, 1990

Station	Temperature				Precipitation	
	Extremes		Mean	Departure	Total Inches 1/	
	Max	Min				
NW	Chadron	94	46	70	---	.20
	Scottsbluff	93	49	69	+4	.24
	Sidney	93	51	69	---	.26
NC	Ord	87	57	70	---	0
	Valentine	90	39	69	+4	.18
NE	Norfolk	89	38	67	-1	.06
	Sioux City	88	40	68	-1	.27
CEN	Grand Island	90	42	70	+1	.04
EC	Lincoln	88	43	70	0	.62
	Omaha	84	43	69	0	1.31
SW	Imperial	95	50	68	---	0
	North Platte	91	43	69	+3	.08

1/ Precipitation totals not included in map above.