

# NEBRASKA WEATHER & CROPS

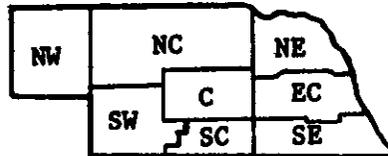


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7/3/89

For Week Ending July 2, 1989

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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

Thunderstorms provided widespread but spotty rain over the State ranging from three to five inches just southeast of Hastings to below a tenth of an inch in areas of the west and east. Temperatures were one to three degrees above normal in the east and Panhandle while central Nebraska remained near normal.

GENERAL

Crops made good progress statewide last week with rain and warm temperatures, according to the Nebraska Agricultural Statistics Service. Although the rainfall was very well received in all areas, some soil erosion was caused by very heavy rains in the central and eastern districts. High winds and hail were reported in the north, central, and southwest districts, causing severe damage in some areas. The Panhandle also received small hail and high winds on Friday. In the north and northeast, operators were planting summer forage crops to compensate for short pastures and short hay crops. The rain helped to slow chinch bug activities and damage, but they were still present in the east and southeast along with small grasshoppers in the east. Fieldwork consisted of harvesting wheat and oats, cutting hay, cultivating, and irrigating. Days suitable for fieldwork last week were 3.5.

Soil moisture conditions were improved by last week's rains; topsoil moisture condition was 31% short, 49% adequate, and 20% surplus, while subsoil moisture condition was 85% short and 15% adequate. Last year, topsoil moisture was 40% short, 57% adequate, and 3% surplus and subsoil moisture was 74% short, 25% adequate, and 1% surplus.

Precipitation, April 1 - June 30, 1989

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week .....	.23	2.34	1.84	3.80	2.76	2.66	3.73	2.07
Total since April 1 .....	3.56	5.31	4.48	8.74	7.30	6.76	7.92	7.41
Normal since April 1 .....	7.91	9.16	10.53	9.89	11.11	8.28	9.85	11.15
Total as % of Normal .....	45%	58%	43%	88%	66%	82%	80%	66%

CROPS

Winter wheat was 10% harvested compared with 50% in 1988 and 32% average; rain and high humidity slowed the harvest last week. The crop was 96% turning color and only 30% ripe, well behind last year's 78% ripe and average of 55%. Winter wheat condition at 7% very poor, 57% poor, 22% fair, and 14% good rates higher than previous weeks primarily because most very poor fields have been destroyed or abandoned. Harvest will be active this week in southern and eastern fields.

Corn condition was rated at 1% poor, 56% fair, and 43% good, with the crop just beginning to silk in the southeast. Corn borer activity was reported as lower than normal but there were some root worm larva problems in the east. Rain promoted crop growth and development.

Sorghum condition rated at 5% poor, 57% fair, and 38% good. Chinch bugs have damaged many fields in the south and east. Soybeans rated at 5% poor, 44% fair, 49% good, and 2% excellent. Soybeans were beginning to bloom in the southeast.

Oats were 10% harvested compared with 22% last year and 6% average. Many producers were cutting oats for hay or silage.

Alfalfa hay condition was 3% very poor, 8% poor, 77% fair, and 12% good. The second cutting was 5% complete compared with 35% in 1988 and 22% average.

LIVESTOCK

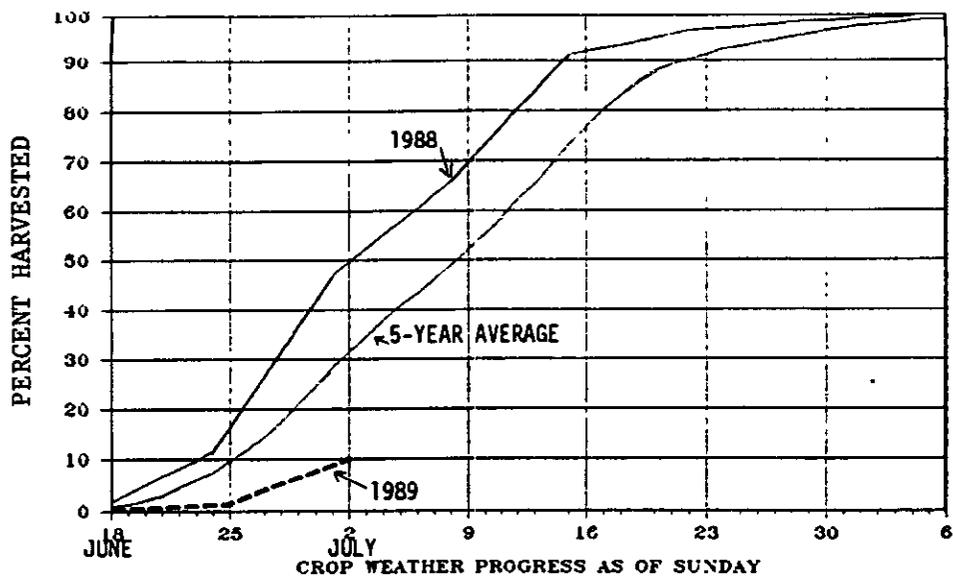
Pasture and range feed supplies held steady for the fourth week at 84% short and 16% adequate. Some northern operators were selling yearling cattle because they were out of grass. In the central district, some severe hail bruised cattle and damaged farm buildings.

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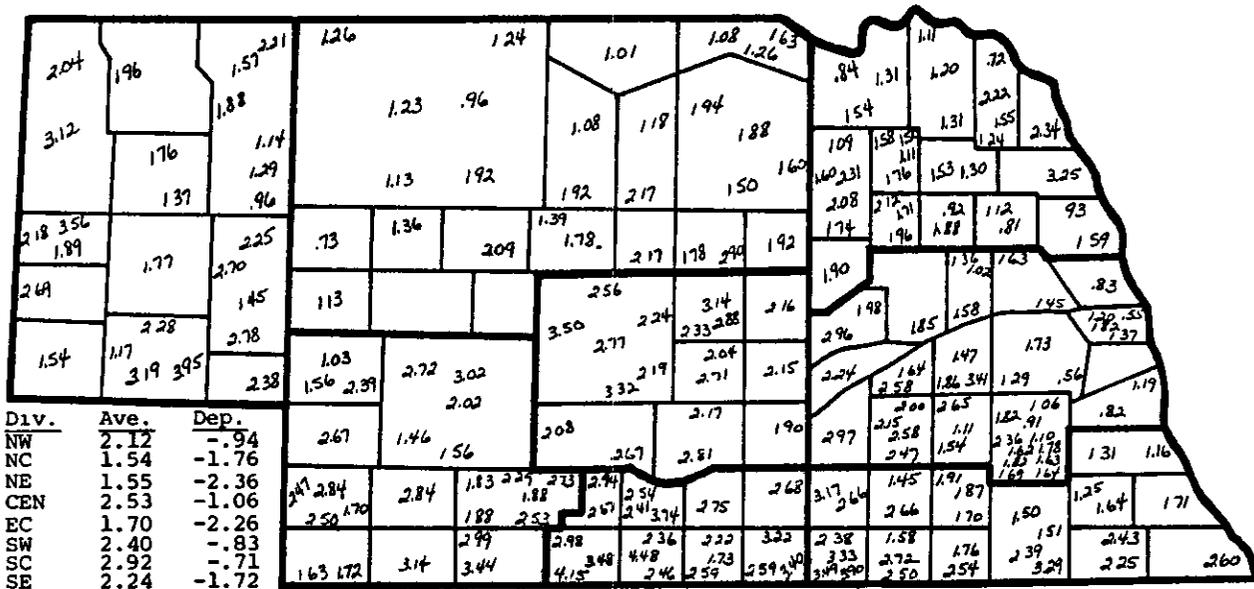
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# NEBRASKA -- WHEAT HARVESTED

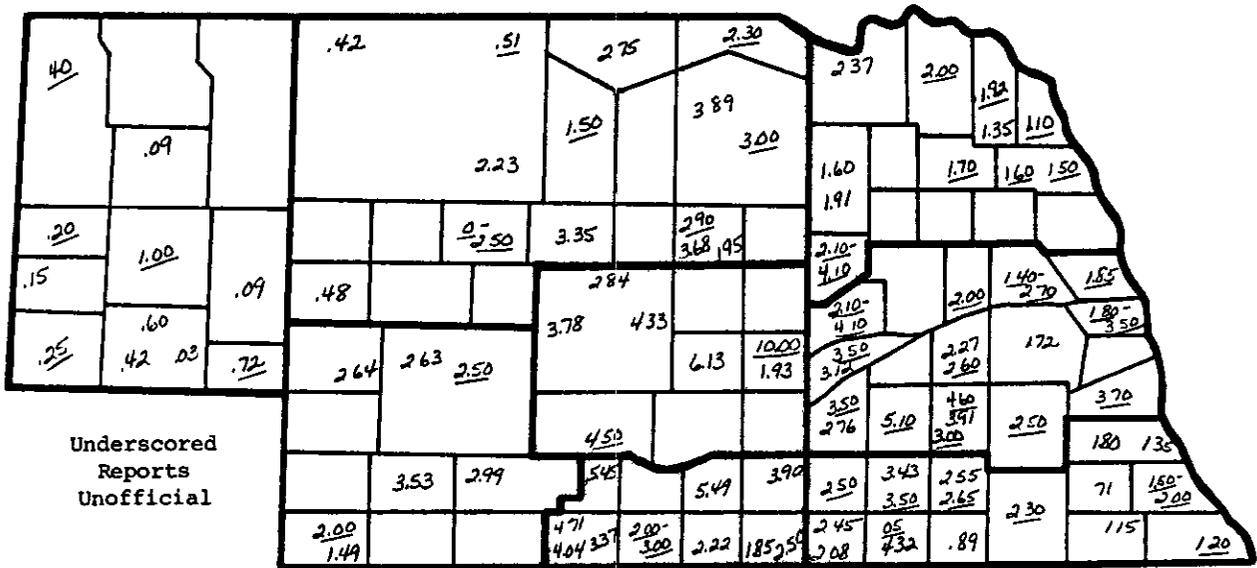


PRECIPITATION MAP FOR MONTH OF MAY 1989 1/



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

PRECIPITATION MAP FOR WEEK ENDING FRIDAY, JUNE 30, 1989



Underscored Reports Unofficial

TEMPERATURE AND PRECIPITATION DATA FOR WEEK ENDING SUNDAY, JULY 2, 1989

Station		Temperature			Precipitation	
		Extremes		Mean	Departure	Total Inches 1/
		Max	Min			
NW	Chadron	99	50	77	--	.01
	Scottsbluff	101	52	75	+3	.11
	Sidney	98	52	72	--	.17
NC	Ord	90	57	73	--	.20
	Valentine	100	54	77	--	.62
NE	Norfolk	92	57	75	0	.27
	Sioux City	90	60	76	+2	1.00
CEN	Grand Island	90	61	74	-1	.89
EC	Lincoln	91	63	77	+1	.06
	Omaha	88	66	76	+1	.22
SW	Imperial	92	54	72	--	.52
	North Platte	90	53	72	0	1.45

1/ Precipitation totals not included in map above.