

NEBRASKA WEATHER & CROPS

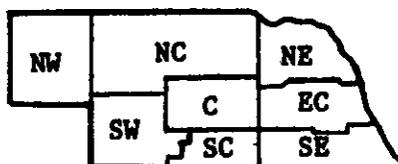
For Week Ending July 1, 1990

Run 1700 7-2-90



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 National Weather Service



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

WEATHER

Temperatures averaged eight to twelve degrees above normal. Precipitation occurred the first and latter part of the week with amounts varying from traces in the east central up to 1.55 inches in the central.

GENERAL

Hot, humid conditions facilitated ripening of small grains and stressed livestock, according to the Nebraska Agricultural Statistics Service. The hot temperatures have accelerated ripening of wheat in the Southern part of the State, allowing harvesting to begin. In some areas, yields and quality may be affected by the hot weather. Crop damage from high winds and hail was reported in the East Central part of the State. Corn borer activity was reported in the North Central, Northeast and East Central areas. Chinch bugs are still active in the Southeast, while leaf hoppers and clover leaf weevils are affecting hay stands in the eastern third of the State. In areas that have been flooded out in the past two weeks, producers are replanting where possible or enrolling these acres in the farm program where possible. Field activities include cultivating row crops, side dressing, irrigating crops, and preparing for the small grain harvest. The generally dry weather last week has allowed producers to become current on their field work. An average of 6.5 days were suitable for field work last week.

Topsoil moisture was 34% short, 61% adequate, and 5% surplus. Subsoil moisture was 34% short and 66% adequate. Last year, topsoil moisture was 31% short, 49% adequate and 20% surplus. Subsoil moisture was 85% short and 15% adequate.

CROPS

Winter wheat condition rated 6% poor, 38% fair, 49% good, and 7% excellent. The crop 90% turning color and 40% ripe. Four percent of the crop is harvested. Last year, 92% was turning color, 27% ripe and 10% harvested. The five-year average is 97% turning color, 55% ripe and 30% harvested. Russian wheat aphids continue to affect the crop in the Southern Panhandle. Some shriveled and cracked grain was reported due to the heat.

Oats is turning color in the Northeast. Some fields affected by barley yellow dwarf disease have been cut for hay.

Corn condition rated 13% fair, 69% good, and 18% excellent. Corn in the Southwest and Central is showing signs of heat stress, while the heat and humidity has helped the crop in the Northeast.

Sorghum condition rated 31% fair, 58% good, and 11% excellent. Chinch bug damage continues to be a concern.

The soybean crop rated 13% fair, 75% good and 12% excellent. No reports were received of soybeans blooming.

The alfalfa condition rated 2% poor, 21% fair, 57% good, and 20% excellent. About 5% of the second cutting was harvested compared to 8% last year and 20% average.

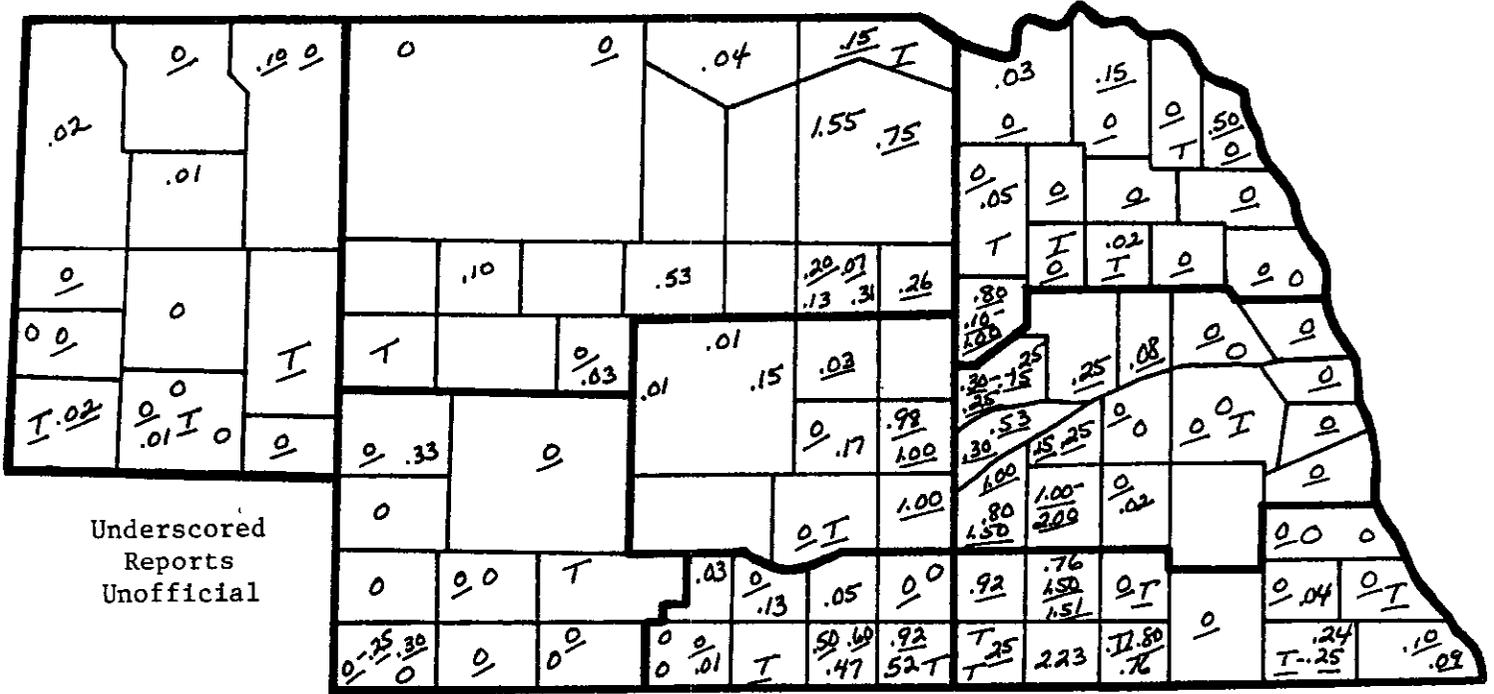
LIVESTOCK

Pasture and range condition rated 5% poor, 28% fair, 54% good, and 13% excellent. Pastures are in good condition in the northern parts of the State but are showing signs of stress in the South. All areas will need rain to maintain or restart growth. Livestock are suffering from the heat, especially those in confinement situations.

Precipitation, April 1 - June 29, 1990

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week01	.27	.02	.09	.18	.05	.12	.45
Total since April 1	5.43	9.16	12.06	9.69	9.62	6.53	8.26	11.11
Normal since April 1	7.80	9.03	10.39	9.76	10.96	8.16	9.71	11.00
Total as % of Normal	70%	101%	116%	99%	88%	80%	85%	101%

PRECIPITATION MAP FOR WEEK ENDING FRIDAY, JUNE 29, 1990



TEMPERATURE AND PRECIPITATION DATA FOR WEEK ENDING SUNDAY, JULY 1, 1990

Station	Temperature				Precipitation	
	Extremes		Mean	Departure	Total Inches 1/	
	Max	Min				
NW	Chadron	106	59	83	---	0
	Scottsbluff	107	59	83	+12	.17
	Sidney	105	58	81	---	.38
NC	Ord	---	---	---	---	---
	Valentine	109	59	84	+12	T
NE	Norfolk	96	65	83	+9	.03
	Sioux City	97	64	83	+9	T
CEN	Grand Island	99	64	83	+8	1.55
EC	Lincoln	100	66	85	+9	T
	Omaha	97	68	84	+10	T
SW	Imperial	103	60	81	---	0
	North Platte	106	58	82	+10	.03

1/ Precipitation totals not included in map above.

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