

Run 1950

6-24-74

# Nebraska Weekly Weather & Crop Report



Statistical Reporting Service, USDA  
and U S Department of Commerce  
Environmental Science Services Admn.  
National Weather Service

Nebraska Department of Agriculture  
Division of Agr'l. Statistics  
Agricultural Extension Service  
of Nebr. College of Agriculture

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Week Ending 6/24/74

## WEATHER

Temperatures were much above normal most of the period but turned much below normal the last two days. On the 20th, maximum temperatures of 100 to 107 degrees prevailed.

Rainfall was very sparse averaging less than a tenth of an inch over the south and west portions of the State and none northeast.

## CROPS

Record-breaking temperatures were common mid-week throughout the State. Many crops showed signs of heat stress. Depletion of topsoil moisture supplies caused deeper rooting of most crops during this "hot" period. Precipitation fell only in trace amounts in some localities. Western portions of Nebraska still remain three inches below normal for the year. The fire index is high in Scottsbluff and surrounding areas.

Winter wheat condition is reported as mostly fair to excellent in eastern Nebraska while conditions in western Nebraska remain mostly fair and good. Eighty-five percent of the wheat has turned compared to normal of 70%. Last week's hot weather has advanced wheat maturity considerably. First harvesting began in areas along the Kansas-Nebraska border. Fields in western Nebraska with infestations of downy brome, mustard, and mosaic are showing the effects.

Corn condition is mostly good to excellent statewide. Corn is reported as 1-1½ feet high in the north, and three feet or more is common in southern areas of the State. Some irrigating has started due to last week's hot weather. The "Holcus Leaf Spot" disease has been reported in about nine counties located mostly in the east-central part of Nebraska. Reports also indicate infestations of corn leaf aphids, corn root worm, and corn borers are working corn fields in some localities. Hilling corn, cultivating and laying-by have progressed rapidly.

Sorghum condition is reported as mostly good to excellent. Chinch bugs and greenbugs are a problem in some fields.

Soybean condition is reported as mostly good to excellent.

Oats and other small grains are in milk to dough stage. The recent hot weather may have hurt heading some. Some acreages have been cut for hay or chopped for ensilage in Cedar County.

Sugar beet thinning operations in the North Platte River Valley are mostly 85% complete. Labor is now on second hoeing in many places. Nearly 3,000 acres of sugar beets were reported as lost in Mitchell County and Scotts Bluff County due to drought, late freezes, hail, and severe wind problems. Farmers are busy ditching for irrigation throughout the Valley.

Alfalfa and wild hay condition remained about the same as last week. Alfalfa condition is 4% poor, 37% fair, 53% good and 6% excellent. About 95% of the first cutting is harvested. Some weevil damage is reported in second cutting alfalfa. Wild hay condition is good to excellent in most counties but has declined slightly from last week.

## GENERAL

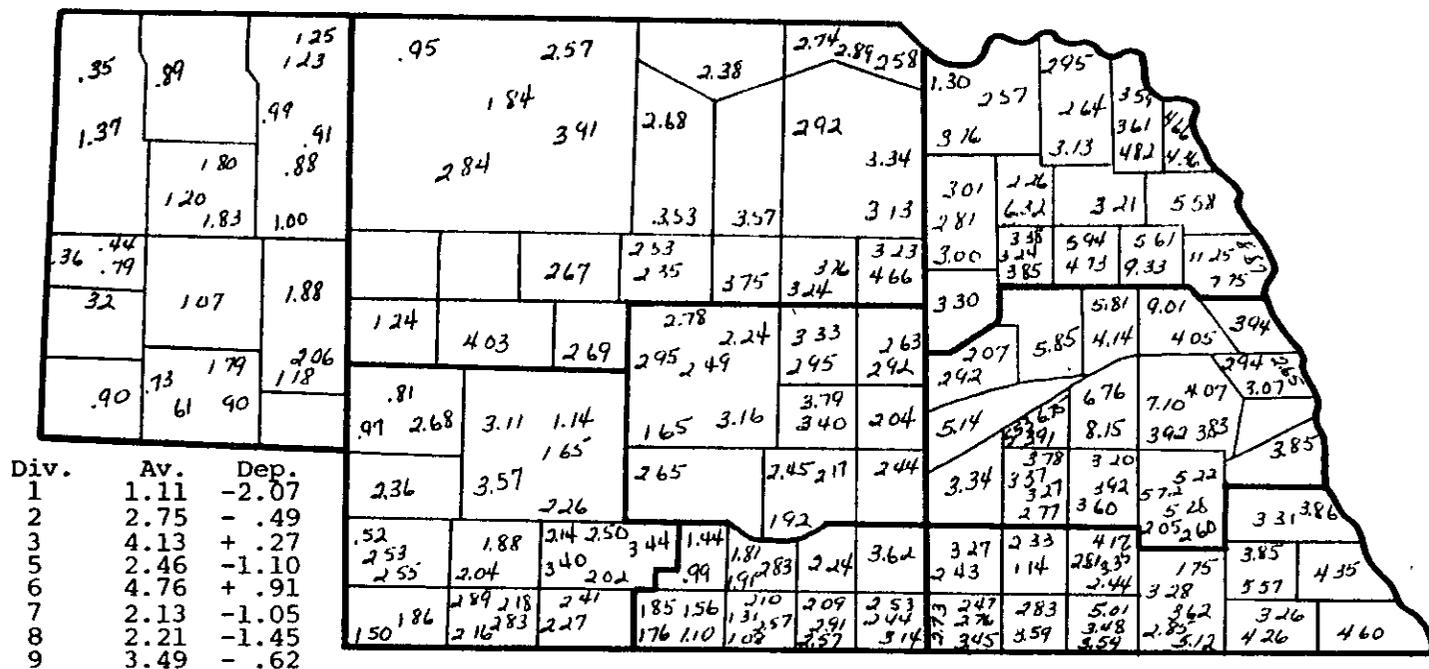
Nebraska farmers and ranchers had nearly seven days suitable for fieldwork during the survey week (June 15-22). Main activities were cultivating, summer tilling and farrowing, cutting alfalfa, side-dressing corn, etc. Topsoil moisture supplies are 62% short and 38% adequate. Subsoil moisture supplies are 10% short and 90% adequate. Recent hot weather and winds have caused considerable depletion of topsoil moisture supplies.

## LIVESTOCK

Pasture and range supplies are 9% short, 90% adequate and 1% surplus. Sandhills and Panhandle regions declined some because of heat and winds.

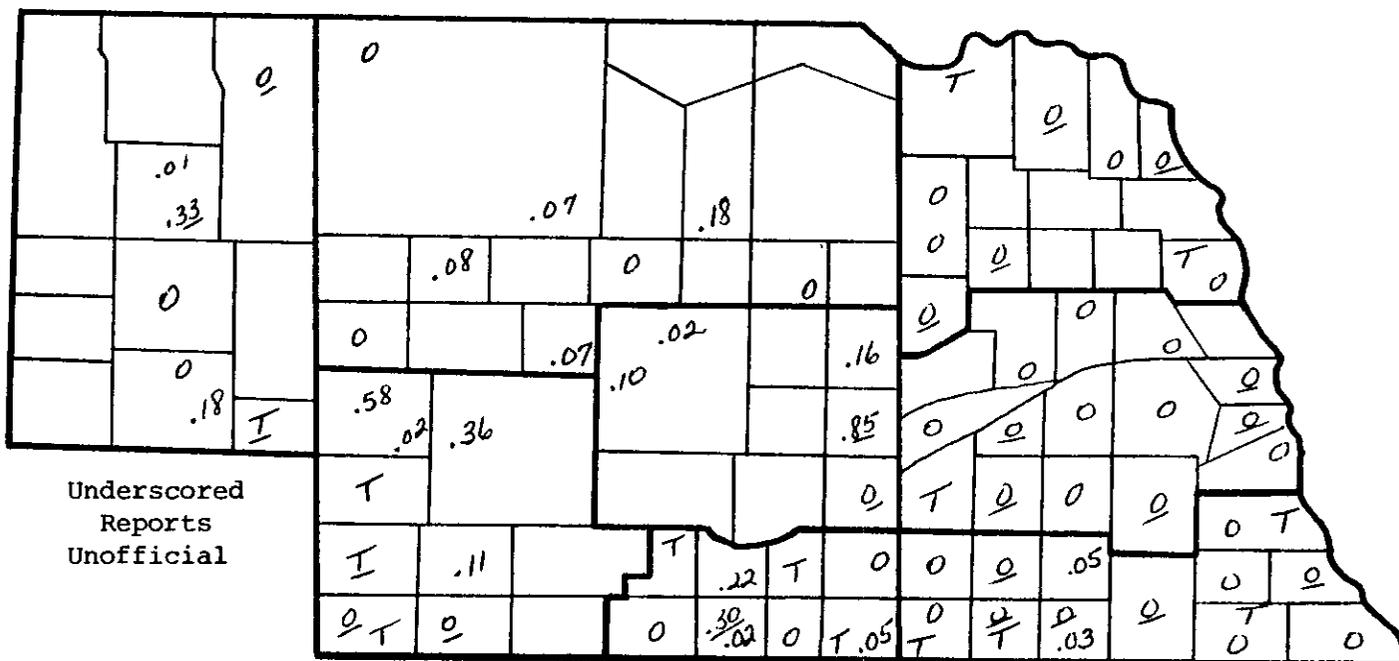
Livestock are generally in good condition. Livestock movement is normal. The excessive hot weather was hard on cattle and reduced gains but no losses were reported.

PRECIPITATION MAP FOR MONTH OF MAY 1974 1/



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

PRECIPITATION MAP FOR WEEK ENDING 6:00 A.M. SATURDAY, JUNE 22, 1974



TEMPERATURE AND PRECIPITATION DATA FOR WEEK ENDING 6:00 P.M. SUNDAY, JUNE 23, 1974

Station	Temperature				Precipitation
	Extremes		Mean	Departure	Total Inches 1/
	Max	Min			
NW Chadron	102	50	75	--	.02
Scottsbluff	100	51	74	+7	.02
Sidney	--	--	--	--	--
NC Burwell	100	55	76	--	0
Valentine	107	47	71	+3	.10
NE Norfolk	103	47	74	+3	0
Sioux City	101	47	75	+4	.74
CEN Grand Island	104	53	77	+5	0
EC Lincoln	105	44	79	+6	0
Omaha	103	42	76	+3	T
SW Imperial	103	53	76	--	0
North Platte	100	48	72	+3	.08

1/ Precipitation totals not included in map above.

Precipitation, April 1 - June 21, 1974

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week.....	.00	.10	.10	.10	.00	.10	.00	.00
Total since April 1.....	4.10	6.60	10.20	8.70	9.30	6.90	8.00	8.60
Normal since April 1....	6.97	8.00	9.00	8.69	9.31	7.44	8.67	10.18