

# NEBRASKA WEATHER & CROPS

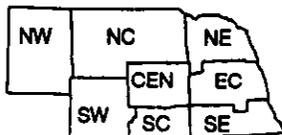
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For Week Ending June 14, 1992

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National Agricultural Statistics Service  
U.S. Department of Agriculture  
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--UN-L

## WEATHER

Average temperatures for the week ranged from one degree above normal in the east central to three degrees below normal in central sections. Rainfall averaged around a tenth of an inch over most of the east with a half to one and a fourth inches in the central and west. Heavy rains of more than four inches hit Saline County southwest of Lincoln, and five inches were reported in the Grand Island-Hastings area.

## GENERAL

Nebraska farmers had limited fieldwork opportunities last week, according to the Nebraska Agricultural Statistics Service. Fieldwork activities included cultivating, replanting, and haying. The cool, wet weather conditions continued to slow crop growth and development. Warmer temperatures and sunshine are needed to bring adequate growth response to frost-damaged crops as well as to those escaping frost injury. A few severe hail losses were reported in the Panhandle last week. Scattered flooding and washing problems were reported in southern and central areas.

## CROPS

Winter wheat condition was rated at 8% very poor, 46% poor, 38% fair, and 8% good. The cool, wet weather has slowed maturity of the crop with only 28% turning color as of Sunday. This compares with 41% last year and 39% for the 5-year average. Damage to wheat acreage in the frost areas remains under assessment.

## CROPS (Cont.)

Corn condition was rated at 2% very poor, 9% poor, 31% fair, 57% good, and 1% excellent. Replanting activities continued in areas where surface conditions permitted. Reports indicate that fields responding after the frost injuries continue to need warmer temperatures and sunshine in order to "catch up" to normal crop development. Cultivation and chemical weed control continued where field conditions permitted.

Soybean condition was rated at 3% poor, 21% fair, 70% good, and 6% excellent. Cool temperatures have also slowed growth of soybeans and grain sorghum. Sorghum condition was rated at 6% poor, 32% fair, 61% good, and 1% excellent.

Dry bean planting made good progress with 71% completed by week's end. Some western growers were reseeding dry beans in abandoned sugar beet fields.

Alfalfa condition was rated at 8% poor, 40% fair, 42% good, and 10% excellent. To date, 95% of the first cutting has been harvested. This remains well ahead of last year at 61% and the average at 73%. Some growers in eastern Nebraska continue to scout and spray for alfalfa weevils. Wild hay condition was rated at 1% very poor, 28% poor, 48% fair, 20% good, and 3% excellent.

## LIVESTOCK

Pasture and range condition was rated at 80% of normal and compares with 97% of normal last year at this time. Recent moisture has improved some pastures, but others remain short and in need of moisture. Concerns remained about the summer carrying capacity of these pastures.

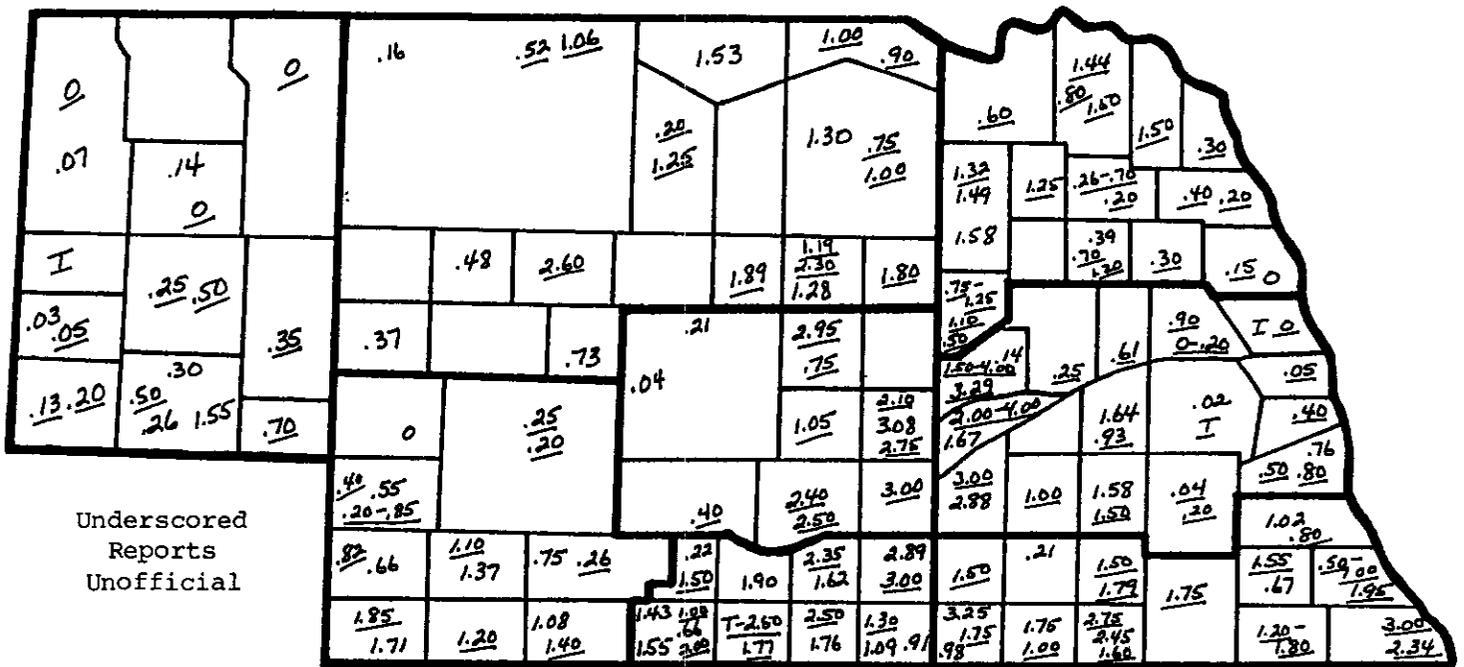
FIELD WORK PROGRESS AS OF JUNE 14, 1992	AGRICULTURAL STATISTICS DISTRICTS									STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE					
% wheat turning	24	9	19	26	29	32	31	29	28	6	41	39	
% dry beans planted	71	100	100	75	0	72	0	0	71	27	---	---	
% dry beans emerged	19	100	84	38	0	36	0	0	24	7	---	---	
% alfalfa first cutting	63	94	100	100	100	100	100	100	95	77	61	73	
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF JUNE 12, 1992													
Days suitable	6.0	4.2	4.3	2.5	3.9	3.9	2.2	1.1	3.5	3.5	5.5		
Topsoil moisture - Short (Percent)	69	13	5	8	15	30	7	0	16	22	8		
- Adequate	31	87	95	42	74	70	66	100	74	78	67		
- Surplus	0	0	0	50	11	0	27	0	10	0	25		
Subsoil moisture - Short (Percent)	69	47	5	8	7	60	27	11	24	29	12		
- Adequate	31	53	95	92	89	40	73	89	75	71	82		
- Surplus	0	0	0	0	4	0	0	0	1	0	6		

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PRECIPITATION MAP FOR WEEK ENDING FRIDAY, JUNE 12, 1992



PRECIPITATION, APRIL 1 - JUNE 12, 1992

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week .....	.39	.84	.87	1.11	1.24	.87	1.40	1.48
Total since April 1 .....	3.01	3.31	5.88	4.76	6.81	2.80	4.09	6.62
Normal since April 1 .....	6.03	6.96	8.01	7.55	8.52	6.29	7.33	8.45

TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA, WEEK ENDING SUNDAY, JUNE 14, 1992

Station	Temperature				Precipitation Total Inches 1/	Growing Degree Data Since April 15		
	Extremes		Mean	Departure		Last Week	Current	Normal
	Max	Min						
NW	Chadron	88	48	69	---	---	---	---
	Scottsbluff	86	49	66	0	.79	625	743
	Sidney	82	49	64	---	.43	578	673
NC	Valentine	85	49	64	-3	1.21	583	692
NE	Norfolk	85	54	68	-2	.40	---	---
	Sioux City	87	53	70	0	.19	---	---
	Concord	---	---	---	---	---	556	699
	Elgin	---	---	---	---	---	538	648
	West Point*	---	---	---	---	---	581	716
CEN	Grand Island	82	51	67	-3	2.57	603	723
	Ord	79	52	66	---	.94	594	704
EC	Lincoln	86	52	69	-2	.07	656	785
	Omaha	86	59	71	+1	.12	637	782
	Columbus	---	---	---	---	---	617	744
	York	---	---	---	---	---	619	735
SW	Imperial	80	36	62	---	.97	---	---
	North Platte	79	48	64	-3	1.27	**594	**695
SC	Holdrege	---	---	---	---	---	620	732
SE	Beatrice	---	---	---	---	---	630	753
	Clay Center	---	---	---	---	---	614	727

1/ Precipitation totals not included in map above. \*Automated weather station. \*\*West Central Research & Extension Center.

Growing Degree Days (GDD) are used to measure the length of time required for a crop to reach maturity. The formula used to calculate GDD is: Max. temp. + min. temp. divided by 2 minus 50 = GDD. For example, if the average temperature for a day = 70 degrees, the GDD = 20 for that day. GDD are calculated for each day and accumulated from April 15.

Growing Degree Day data is furnished by the Department of Agricultural Meteorology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln.