

# NEBRASKA WEATHER & CROPS

*Reyno*  
7-13-92



For Week Ending July 12, 1992

Issue: 18-92

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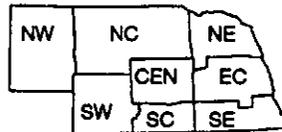
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National Agricultural Statistics Service  
U.S. Department of Agriculture  
and U.S. Department of Commerce  
National Oceanic and Atmospheric Admn.  
National Weather Service



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

## WEATHER

Temperatures averaged from one to four degrees below normals. Precipitation occurred throughout the week with amounts varying from only traces in Valentine up to 3.18 inches in Omaha.

## GENERAL

Wheat harvest gained some momentum this past week between showers in southern districts, according to the Nebraska Agricultural Statistics Service. Rainfall during the week limited fieldwork activities, further delaying wheat and oat harvest. The unsettled weather pattern continued to have hail loss accompany frequent rains in some areas. Laying out irrigation pipe continued although irrigation systems were used limitedly due to moisture received. Spring crop development remains about ten days behind normal despite rapid plant growth in many areas of the State.

## CROPS

Wheat condition was rated at 9% very poor, 18% poor, 50% fair, and 23% good. Harvest conditions were not generally favorable; progress in southern districts was steady but slow in some locations. By week's end, 28% had been combined, well behind last year at 71% complete and the five-year average at 65%. Harvest continued to be about 11 days behind the average, statewide. Weed growth in mature wheat stands has been increasing.

## CROPS (Cont.)

Corn condition was rated at 2% very poor, 1% poor, 19% fair, 69% good, and 9% excellent. Corn borer infestations have been observed in several areas of the State with treatment underway. The crop was growing rapidly but continued about nine days behind normal with only 4% silking to date, well behind last year at 38% and the average at 24%.

Soybean condition was rated at 1% poor, 9% fair, 78% good, and 12% excellent. Cultivation activities continued where surface conditions permitted. Crop development remained about ten days behind normal with only 9% in the blooming stage to date.

Sorghum condition was rated at 2% poor, 13% fair, 71% good, and 14% excellent.

Alfalfa condition was rated at 1% poor, 26% fair, 65% good, and 8% excellent. Second cutting activities progressed well despite rain delays and mown hay being rained upon in some cases several times. To date, 44% has been harvested, compared with 39% last year and 49% for the average. Wild hay condition was rated at 31% fair, 49% good, and 20% excellent.

## LIVESTOCK

Pasture and range condition was rated at 92% of normal and compares with 88% of normal last year at this time. Cool and warm season grasses continue to provide adequate grazing.

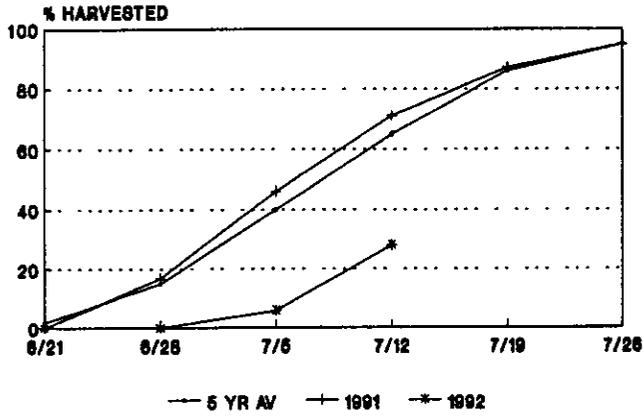
FIELD WORK PROGRESS AS OF JULY 12, 1992	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% wheat ripe	58	12	66	100	79	100	100	100	83	50	80	84
% wheat harvested	6	0	4	8	3	57	55	24	28	6	71	65
% oats harvested	0	0	6	6	2	7	10	1	4	0	42	42
% corn silked	0	0	2	5	4	1	10	5	4	0	38	24
% soybeans blooming	0	1	7	11	10	4	6	10	9	3	33	31
% alfalfa second cutting	12	38	42	55	40	49	78	63	44	23	39	49
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF JULY 10, 1992												
Days suitable	6.0	3.9	3.9	3.6	1.8	5.4	5.3	2.5	3.9	4.5	5.5	
Topsoil moisture - Short	31	0	4	9	0	14	27	22	13	20	51	
(Percent) - Adequate	69	92	87	91	71	86	73	78	80	73	43	
- Surplus	0	8	9	0	29	0	0	0	7	7	6	
Subsoil moisture - Short	38	0	0	9	5	21	18	28	14	14	33	
(Percent) - Adequate	62	100	96	91	95	79	82	72	85	86	65	
- Surplus	0	0	4	0	0	0	0	0	1	0	2	

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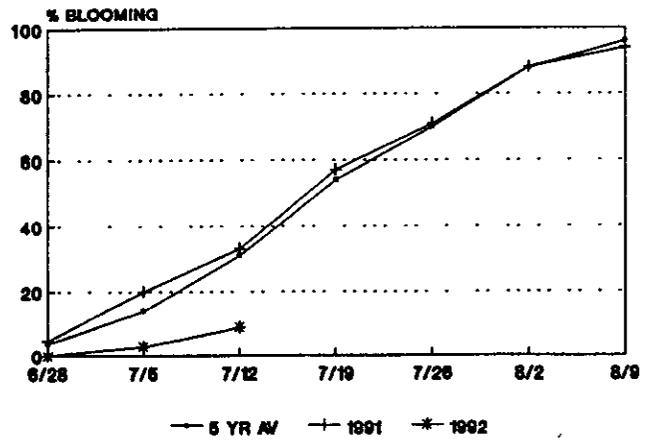
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**WINTER WHEAT  
HARVESTED FOR ALL PURPOSES**



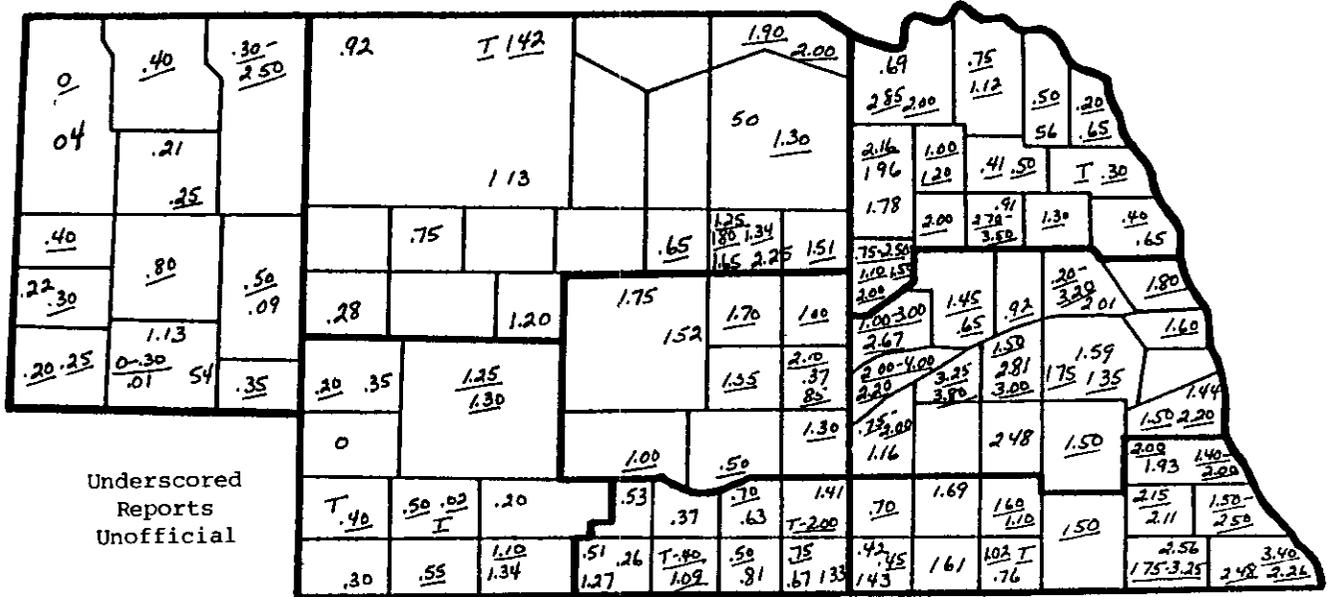
PROGRESS AS OF SUNDAY

**SOYBEANS BLOOMING**



PROGRESS AS OF SUNDAY

PRECIPITATION MAP FOR WEEK ENDING FRIDAY, JULY 10, 1992



Underscored Reports  
Unofficial

**PRECIPITATION, APRIL 1 - JULY 10, 1992**

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week .....	.32	1.09	1.09	1.21	1.92	.32	.78	1.56
Total since April 1 .....	7.14	8.39	9.86	7.84	11.76	6.45	6.33	9.44
Normal since April 1 .....	8.61	10.07	11.53	10.89	12.11	9.18	10.85	12.35

**TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA,  
WEEK ENDING SUNDAY, JULY 12, 1992**

Station	Temperature				Precipitation	Growing Degree Data Since April 15				
	Extremes		Mean	Departure	Total Inches 1/	Last Week	Current	Normal		
	Max	Min								
NW	Chadron	90	48	71	---	---	---	---		
	Scottsbluff	98	50	71	-3	1.36	1110	1253	1214	
	Sidney	95	49	70	---	1.44	1066	1201	1200	
NC	Valentine	90	48	70	-4	.02	1030	1165	1221	
	NE	Norfolk	88	56	73	-3	.61	---	---	---
		Sioux City	88	55	72	-3	.74	---	---	---
Concord		---	---	---	---	---	1060	1207	1420	
CEN	Elgin	---	---	---	---	---	999	1137	1367	
	West Point*	---	---	---	---	---	1109	1267	1458	
	Grand Island	88	60	73	-3	1.38	1153	1302	1426	
EC	Ord	92	57	72	---	---	1075	1225	1422	
	Lincoln	89	62	76	-1	2.31	1250	1412	1494	
	Omaha	89	59	74	-1	3.18	1212	1364	1425	
SW	Columbus	---	---	---	---	---	1160	1305	1463	
	York	---	---	---	---	---	1165	1312	1515	
	Imperial	92	57	72	---	.88	---	---	---	
SC	North Platte	92	56	72	-2	1.54	**1057	**1202	**1344	
	Holdrege	---	---	---	---	---	1130	1290	1482	
	SE	Beatrice	---	---	---	---	---	1180	1350	1608
Clay Center		---	---	---	---	---	1131	1291	1514	

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.