

# NEBRASKA WEATHER & CROPS

NEBRASKA  
AGRICULTURAL  
STATISTICS  
SERVICE

Jun 1750  
6/17/91

For Week Ending June 16, 1991

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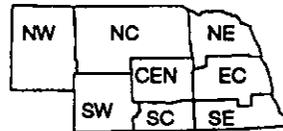
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## WEATHER

Temperatures averaged one to five degrees above normals. Precipitation occurred throughout the week. Amounts varied from .07 inch at Scottsbluff up to 3.70 inches in Omaha.

## GENERAL

Nebraska farmers and ranchers had, statewide, considerable more days suitable for fieldwork last week than since spring fieldwork began this year. Some areas in the East Central District received additional crop damaging storms last week. Most other areas of the State, however, were able to continue spring fieldwork activities of cultivating and hilling corn, ridging in anticipation of the start of irrigation, replanting ruined crops, planting dry beans, putting up alfalfa, and applying fertilizer. Producers are awaiting drier field conditions in areas where "mudded over" and "silted" fields are much too wet to replant yet.

## CROPS

Winter wheat condition continued a gradual decline over the past three weeks and was rated as of June 14 at 1% very poor, 1% poor, 34% fair, 61% good, and 3% excellent. Thin and uneven stands are reported from areas where winterkill was a problem; now, weeds are making matters worse in these fields. Also, reports of take-all disease, rust, and fungus growth have been received from several areas. Wheat is turning color rapidly and is about one-half turned to date. Test harvesting has begun in the Southeast District, and reports indicate that by the

## CROPS (Cont.)

4th of July harvesting activities will have begun in all districts of the State.

Corn condition was rated at 7% fair, 75% good, and 18% excellent. Reports indicated the presence of cutworms and corn borers from the Central, East Central, and Northeast Districts. Many fields continue to show yellow from spots in fields to large areas of fields. Weed control continues to be a high priority but continues to be hampered not only by wet conditions but rapid crop growth.

Sorghum and soybeans are both in mostly good condition. Planting activities for each were good and resulted in the crops being virtually fully planted. Replanting activities are being completed and planned where fields remain too wet.

Alfalfa condition was rated at mostly good. First cutting activities made good progress last week. However, quality has declined due to wet conditions, waiting until full bloom for harvest, or too much "down" time waiting to dry. Wild hay continues to improve and was rated at 4% fair, 40% good, and 56% excellent.

Dry bean planting made good progress last week, but remains behind normal due to the continued storm activity this past month.

## LIVESTOCK

Pasture and range condition continued to improve and was rated at 97% of normal, in the good to excellent category. Reports indicate cattle are doing well on pastures with some reports of the best grass in years.

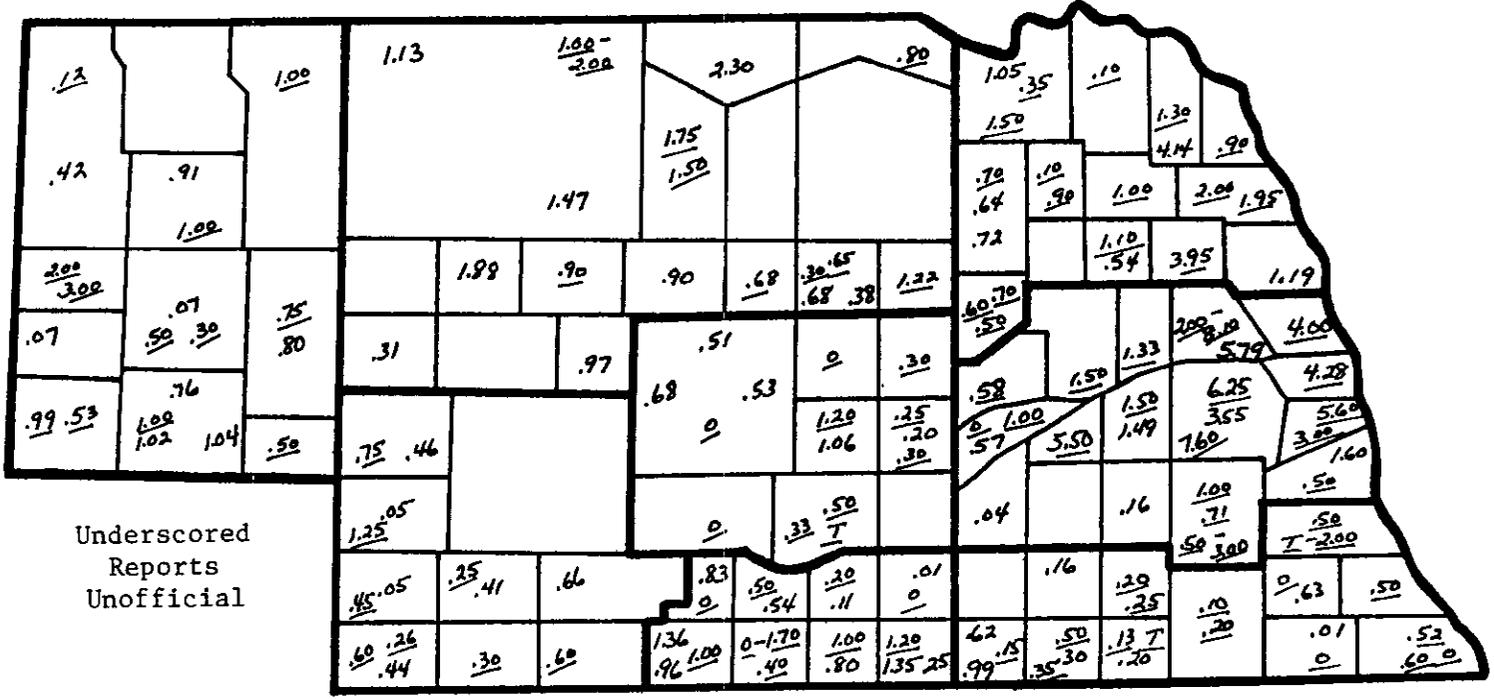
FIELD WORK PROGRESS AS OF JUNE 16, 1991	AGRICULTURAL STATISTICS DISTRICTS									STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE					
% wheat turning	9	31	29	66	61	46	87	100	49	19	42	49	
% wheat ripe	0	0	0	0	0	0	0	1	0	0	1	5	
% sorghum planted	100	70	95	100	99	93	94	99	98	87	96	97	
% sorghum emerged	100	59	84	94	91	69	84	93	89	74	83	89	
% soybeans planted	0	100	99	99	97	96	100	100	98	88	96	98	
% soybeans emerged	0	100	89	94	90	86	94	94	91	75	75	88	
% alfalfa first cutting	42	68	68	70	74	89	81	98	70	35	70	80	
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF JUNE 14, 1991													
Days suitable	5.1	6.1	5.5	6.2	4.1	4.9	6.1	6.8	5.5	3.2	5.2		
Topsoil moisture - Short	0	8	0	7	0	0	8	41	8	1	22		
(Percent) - Adequate	71	75	76	50	47	73	92	59	67	48	54		
- Surplus	29	17	24	43	53	27	0	0	25	51	24		
Subsoil moisture - Short	12	25	0	0	5	0	15	35	12	11	30		
(Percent) - Adequate	88	67	94	93	74	100	85	65	82	85	68		
- Surplus	0	8	6	7	21	0	0	0	6	4	2		

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PRECIPITATION MAP FOR WEEK ENDING FRIDAY, JUNE 14, 1991



Underscored Reports Unofficial

	Precipitation, April 1 - June 14, 1991								
	NW	NC	NE	CEN	EC	SW	SC	SE	
Total past week	.64	1.11	1.38	.60	1.89	.35	.69	.42	
Total since April 1	7.87	9.10	10.67	10.03	12.28	8.82	9.61	7.95	
Normal since April 1	6.23	7.20	8.29	7.81	8.80	6.51	7.61	8.75	
Total as % of normal	126%	126%	129%	128%	140%	135%	126%	91%	

TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA, WEEK ENDING SUNDAY, JUNE 16, 1991

Station	Temperature				Precipitation Total Inches 1/	Growing Degree Data Since April 15		
	Extremes		Mean	Departure		Last Week	Current	Normal
	Max	Min						
NW Chadron	91	51	70	---	.20	---	---	---
Scottsbluff	88	46	68	+1	.07	552	676	656
Sidney	89	48	67	---	1.07	525	652	663
NC Valentine	93	52	72	+5	.87	624	767	651
NE Norfolk	92	49	73	+3	.23	---	---	---
Sioux City	90	52	73	+3	1.15	---	---	---
Concord	---	---	---	---	---	681	830	795
Elgin	---	---	---	---	---	684	826	753
West Point*	---	---	---	---	---	777	927	820
CEN Grand Island	93	49	73	+2	.34	773	944	785
Ord	92	54	73	---	.42	708	856	796
EC Lincoln	97	50	76	+4	1.01	862	1039	836
Omaha	91	59	74	+3	3.70	840	1014	785
Columbus	---	---	---	---	---	822	991	811
York	---	---	---	---	---	777	943	854
SW Imperial	89	55	70	---	.16	---	---	---
North Platte	87	46	69	+1	.25	**615	**752	**750
SC Holdrege	---	---	---	---	---	712	863	843
SE Beatrice	---	---	---	---	---	863	1027	932
Clay Center	---	---	---	---	---	787	942	865

1/ Precipitation totals not included in map above. \* Automated weather station. \*\* North Platte Experiment Station.

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.