

# NEBRASKA WEATHER & CROPS

NEBRASKA  
AGRICULTURAL  
STATISTICS  
SERVICE

For Week Ending June 16, 1996

Issue: 14-96

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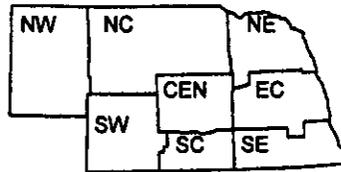
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National Weather Service



Nebraska Department of Agriculture  
Division of Agr'l. Statistics  
Cooperative Extension Service  
Institute of Agriculture  
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## WEATHER

## CROPS (Cont.)

Temperatures across the State averaged one to five degrees above normals for the week. Precipitation was widespread with averages ranging from .4 inch in the Panhandle up to 2.4 inches in the south central.

slightly ahead of the five-year average of 94%. The crop was 73% emerged compared with 47% in 1995 and 80% average. Condition of the emerged crop rated 2% poor, 26% fair, 66% good and 6% excellent.

## GENERAL

Hot, dry weather conditions for much of last week provided excellent conditions for rapid crop development and progress of spring planting, according to the Nebraska Agricultural Statistics Service. The southwest part of the State experienced severe weather on June 11th which brought hail, high winds and rain. The storms caused varying crop damage. Weekend rainfall over most of the State kept producers out of the field. Other producer activities included spraying herbicides, cultivating row crops, cutting of alfalfa, grain marketing, farm program sign-up and livestock care.

**Sorghum** planting progress also moved rapidly with 92% completed to date. This compares with last year's 69% and the five-year average of 91%. Emergence was at 55% compared to 32% last year and 76% for the five-year average. Condition of the emerged crop rated 1% very poor, 4% poor, 30% fair, 62% good, and 3% excellent. Producers were spraying for greenbugs in portions of the south central and southeast districts.

## CROPS

**Winter wheat** condition rated 7% very poor, 22% poor, 44% fair, 23% good and 4% excellent. Heading progressed well last week as 94% of the crop had headed as of Sunday. This compares with 86% last year and 97% for the five-year average. A few southern wheat fields were turning color late in the week.

**Oats** condition rated 1% very poor, 8% poor, 24% fair, 57% good, and 10% excellent. The crop was 38% headed as of Sunday.

**Dry bean** plantings were 86% complete as of Sunday with 49% emerged. Last year at this time, 49% was planted and 18% of the crop had emerged.

**Alfalfa** condition rated 1% very poor, 8% poor, 34% fair, 47% good, and 10% excellent. The first cutting advanced to 66% complete, compared with 50% last year and 72% for the average. **Wild hay** condition rated 1% very poor, 4% poor, 23% fair, 59% good, and 13% excellent.

## LIVESTOCK, PASTURE & RANGE

Pasture and range condition was rated 1% very poor, 4% poor, 30% fair, 58% good and 7% excellent. Dry, warmer weather continued to provide excellent growing conditions for pasture grasses. More cattle were moving to summer pastures. Feedlots dried out during the week and many were being cleaned and worked.

FIELD WORK PROGRESS AS OF JUNE 16, 1996	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% Wheat Turning	0	1	0	8	3	17	34	18	14	n/a	14	37
% Wheat Headed	85	100	60	96	77	100	98	99	94	74	86	97
% Sorghum Planted	0	100	98	97	84	93	93	94	92	72	69	91
% Sorghum Emerged	0	91	80	66	43	73	61	52	55	36	32	76
% Soybeans Planted	0	98	97	93	92	98	99	93	95	81	78	94
% Soybeans Emerged	0	74	71	85	60	88	89	75	73	42	47	80
% Alfalfa First Cutting	44	64	67	71	61	72	82	77	66	25	50	72
% Oats Headed	28	49	34	18	22	40	66	79	38	9	n/a	n/a
% Dry Beans Planted	91	99	90	99	0	73	0	0	86	52	49	n/a
% Dry Beans Emerged	55	76	40	90	0	30	0	0	49	23	18	n/a

## DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF JUNE 14, 1996

	6.5	6.5	6.8	6.3	6.1	5.0	5.6	5.6	6.1	4.1	6.1
Days suitable	6.5	6.5	6.8	6.3	6.1	5.0	5.6	5.6	6.1	4.1	6.1
Topsoil moisture - Very Short (Percent)	0	0	0	0	0	0	7	0	1	0	0
- Short	24	10	26	16	4	1	19	17	14	3	4
- Adequate	74	89	73	77	90	88	69	75	81	83	80
- Surplus	2	1	1	7	6	11	5	8	4	14	16
Subsoil moisture - Very Short (Percent)	0	0	0	0	0	0	10	0	1	0	0
- Short	1	13	1	13	19	23	20	11	13	14	0
- Adequate	97	85	98	70	77	77	68	86	83	77	75
- Surplus	2	2	1	17	4	0	2	3	3	9	25

n/a = not available.

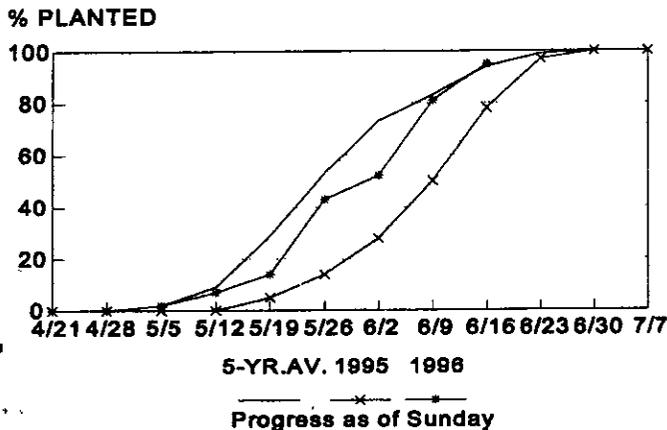
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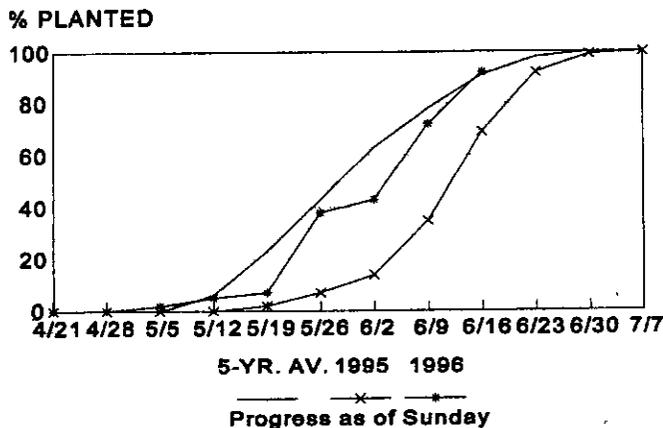
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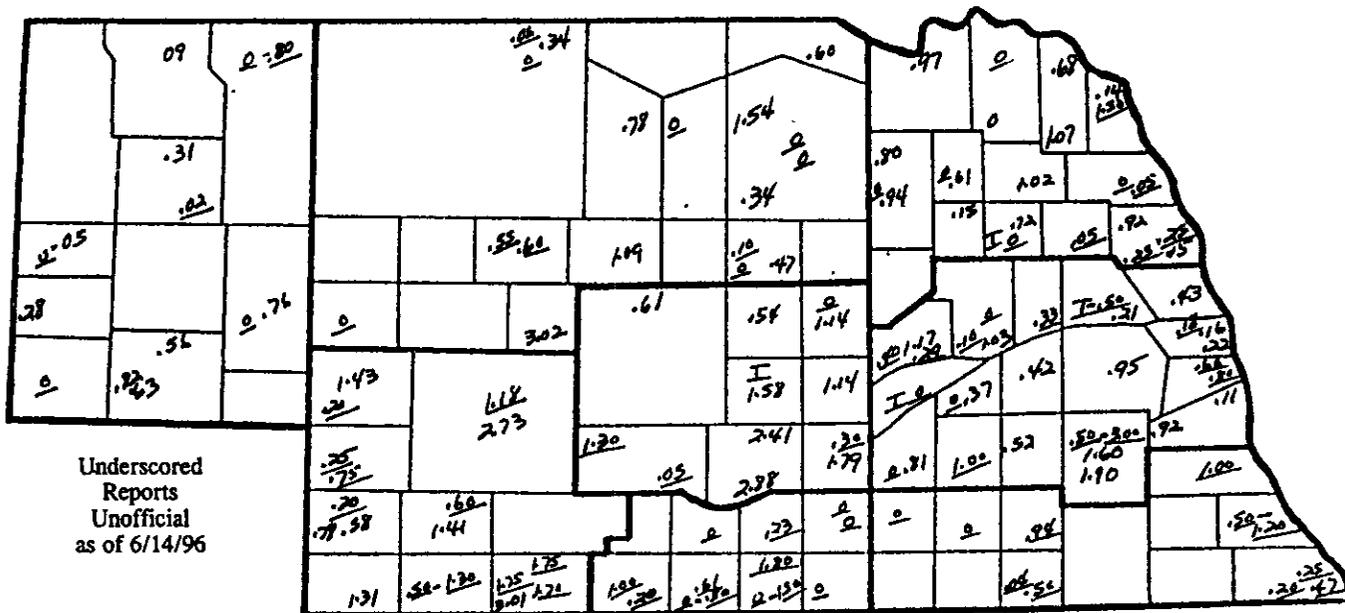
### SOYBEANS PLANTED



### SORGHUM PLANTED



### PRECIPITATION MAP FOR WEEK ENDING SATURDAY, JUNE 15, 1996



### PRECIPITATION, APRIL 1 - JUNE 15, 1996

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	.44	1.02	.64	1.51	.72	1.61	2.39	.58
Total since April 1	6.07	7.87	8.51	9.83	12.50	8.90	11.85	12.42
Normal since April 1	6.30	7.23	8.38	8.06	9.08	6.86	7.91	8.92
Total as % of normal	96%	109%	102%	122%	138%	130%	150%	139%

### TEMPERATURE AND PRECIPITATION, WEEK ENDING SATURDAY, JUNE 15, 1996 GROWING DEGREE DAY DATA, WEEK ENDING SUNDAY, JUNE 16, 1996

Station	Temperature				Precipitation Total Inches	Growing Degree Data Since April 15		
	Extremes		Mean	Departure		Last Week	Current	Normal
	Max	Min						
NW Chadron	92	53	71	---	.09	---	---	---
Scottsbluff	92	53	71	+5	.05	518	649	688
Sidney	90	48	68	---	.63	468	592	617
NC Valentine	90	51	70	+3	.34	---	---	---
Arthur	---	---	---	---	---	460	587	611
O'Neill	---	---	---	---	---	463	602	725
NE Norfolk	89	46	71	+1	.15	---	---	---
Sioux City	95	47	74	+4	.14	---	---	---
Concord	---	---	---	---	---	473	636	780
Elgin	---	---	---	---	---	470	628	729
West Point	---	---	---	---	---	508	676	790
CEN Grand Island	90	49	73	+2	1.79	---	---	---
Ord	89	50	71	---	.54	511	654	756
Kearney	---	---	---	---	---	559	719	803
EC Lincoln	93	47	73	+1	1.60	598	766	871
Omaha	92	52	74	+3	.16	---	---	---
Central City	---	---	---	---	---	554	713	861
Mead	---	---	---	---	---	572	737	849
SW Imperial	90	53	70	---	.58	---	---	---
North Platte	89	48	69	+2	2.73	536	672	721
McCook	---	---	---	---	---	574	723	824
SC Holdrege	---	---	---	---	---	589	743	809
Red Cloud	---	---	---	---	---	633	789	857
SE Beatrice	---	---	---	---	---	640	804	843
Clay Center	---	---	---	---	---	564	718	820

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 High Plains Climate Center.