

# NEBRASKA

## WEATHER & CROPS



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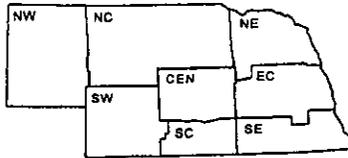
For Week Ending June 7, 1998

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



Nebraska Department of Agriculture  
Division of Agricultural Statistics  
Cooperative Extension Service  
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### WEATHER

Temperatures averaged eight to eleven degrees below normals for the week. Precipitation was scattered averaging from two-tenths of an inch over the southern third of the State to near a half inch or more over the remainder.

### GENERAL

Cool, wet conditions last week slowed crop development, as soybean and sorghum planting neared completion, according to the Nebraska Agricultural Statistics Service. Freezing temperatures were recorded in various western locations Saturday morning, June 6. Low-lying areas and newly cultivated fields were reported as most affected. Other producer activities consisted of cultivating row crops, haying, and working and moving cattle to summer pastures.

### CROPS

Winter wheat condition rated 2% very poor, 10% poor, 24% fair, 55% good and 9% excellent. Wheat headed advanced to 89%, ahead of 82% last year and 74% average. Wheat beyond pollination was expected to have escaped widespread injury from cold temperatures.

Corn condition rated 2% poor, 14% fair, 67% good, and 17% excellent. Stands with the growing point above the ground (beyond the 7-leaf stage) were most susceptible to freezing temperatures received late in the week. Counties in the western half of Nebraska appear to be most affected from low temperatures.

Soybean planting progressed to 96% complete, ahead of 95% last year and 76% average. The crop was 82% emerged

### CROPS (Cont.)

compared with 70% last year and 50% average. Soybean condition rated 2% poor, 16% fair, 68% good, and 14% excellent. Reports in the central and eastern parts of the State indicated bean leaf beetle damage in some fields.

Sorghum planting was near completion and advanced to 97%, ahead of 92% last year and 69% average. The crop was 77% emerged compared with 55% last year and 41% average. Crop condition rated 1% very poor, 7% poor, 30% fair, 50% good, and 12% excellent.

Dry edible bean planting progressed to 60% complete as of Sunday. This compared with 23% last year and 37% average. The crop was 12% emerged, compared with 3% last year and the same as the average.

Oats condition rated 9% poor, 13% fair, 57% good, and 21% excellent. The amount of acreage headed was 14%, compared with 1% last year.

Alfalfa condition rated 4% poor, 20% fair, 61% good and 15% excellent. The first cutting was 47% complete compared with 23% last year and 30% average. Reports of alfalfa weevils were noted in some fields. Alfalfa growers tried to bale hay last week but cool, damp weather conditions prevented the crop from drying adequately for safe storage. Wild hay condition rated 1% very poor, 5% poor, 20% fair, 59% good, and 15% excellent.

### LIVESTOCK, PASTURE & RANGE

Pasture and range conditions rated 1% very poor, 6% poor, 22% fair, 64% good, and 7% excellent. Cattle were being moved to summer pastures. Cool, wet weather has resulted in some scours problems in the north central area.

CROP PROGRESS AS OF JUNE 7, 1998	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE				
	NW	NC	NE	C	EC	SW	SC	SE								
% Wheat Headed	80	93	73	65	90	99	96	100	89	70	82	74				
% Sorghum Planted	n/a	89	96	97	98	93	95	98	97	87	92	69				
% Sorghum Emerged	n/a	70	86	81	76	35	76	83	77	51	55	41				
% Soybeans Planted	n/a	99	96	98	93	99	100	98	96	92	95	76				
% Soybeans Emerged	n/a	84	78	80	80	75	89	91	82	69	70	50				
% Dry Beans Planted	62	90	90	70	n/a	42	n/a	n/a	60	16	23	37				
% Dry Beans Emerged	12	58	30	50	n/a	3	n/a	n/a	12	n/a	3	12				
% Oats Headed	7	36	7	10	13	17	8	31	14	n/a	1	n/a				
% Alfalfa First Cutting	10	55	50	41	46	63	82	83	47	23	23	30				
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF JUNE 5, 1998																
Days suitable	4	2	4	4	3	8	3	7	5	0	5	5	6	2	4	7
Topsoil moisture - Very Short (Percent)	3	0	0	0	0	10	0	17	3	2	2	2				
- Short	28	4	6	14	0	29	38	45	17	17	16					
- Adequate	69	95	78	81	96	59	60	38	76	78	78					
- Surplus	0	1	16	5	4	2	2	0	4	3	4					
Subsoil moisture - Very Short (Percent)	2	0	0	0	0	9	0	5	2	1	0					
- Short	19	20	3	10	4	31	9	24	15	12	13					
- Adequate	79	80	92	86	94	60	91	59	81	84	86					
- Surplus	0	0	5	4	2	0	0	12	2	3	1					

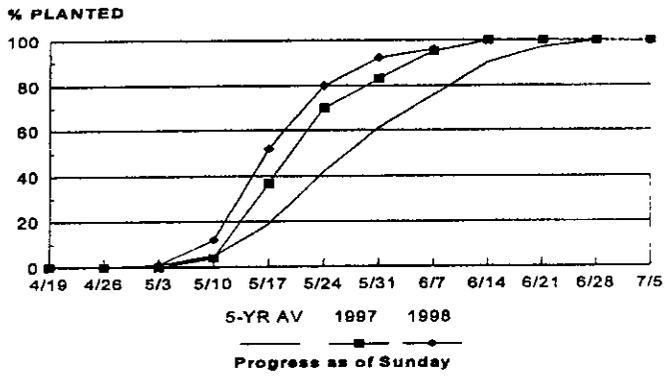
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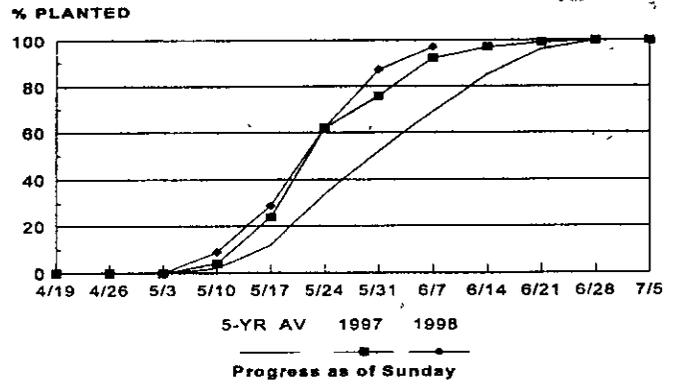
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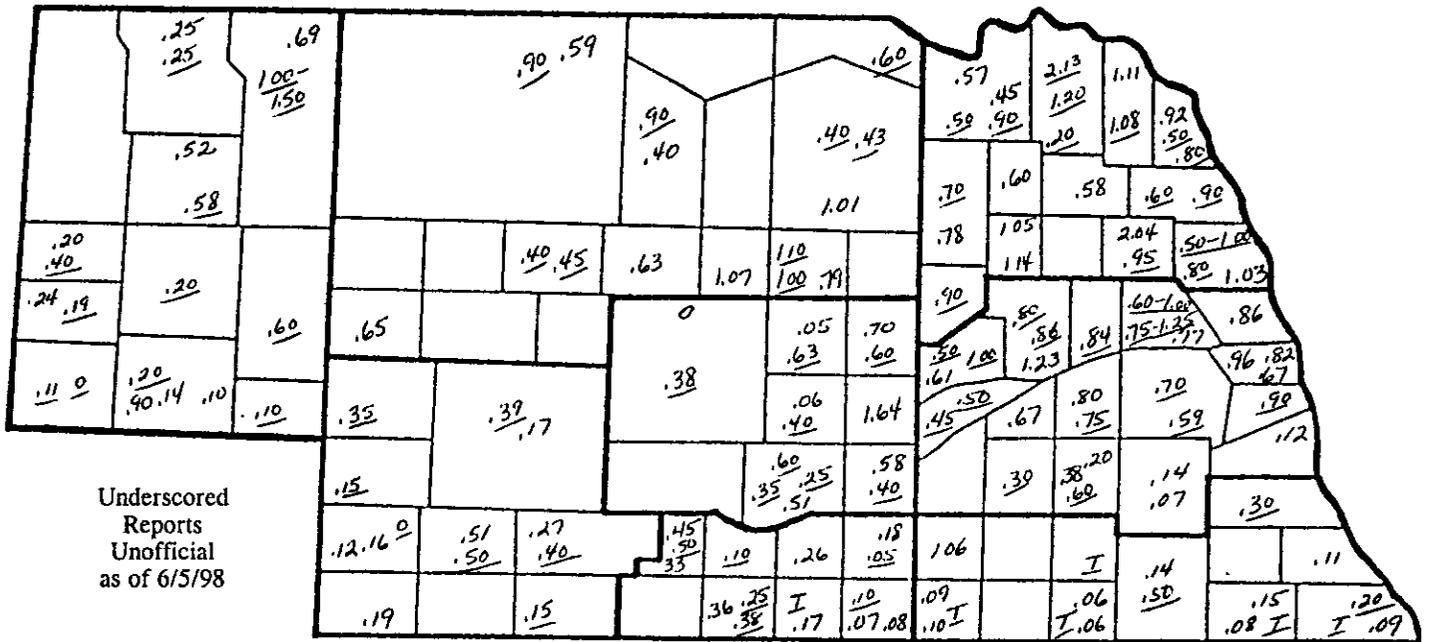
**SOYBEANS PLANTED**



**SORGHUM PLANTED**



**PRECIPITATION MAP FOR WEEK ENDING SATURDAY, JUNE 6, 1998**



**PRECIPITATION, APRIL 1 - JUNE 6, 1998**

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	38	.73	90	.51	.59	.24	.24	.19
Total since April 1	3.96	5.87	8.02	6.53	8.91	4.41	5.19	4.40
Normal since April 1	5.44	6.19	7.12	6.89	7.82	5.87	6.77	7.72
Total as % of normal	73%	95%	113%	95%	114%	75%	77%	57%

**TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA, WEEK ENDING SATURDAY, JUNE 6, 1998**

Station	Temperature				Precipitation Total Inches	Growing Degree Data Since April 15		
	Extremes		Mean	Departure		Last Week	Current	Normal
	Max	Min						
NW Chadron	84	30	53	---	25	---	---	---
Scottsbluff	87	33	54	-9	20	61	534	479
Sidney	86	32	53	---	14	57	478	490
NC Valentine	82	36	53	-11	59	---	---	---
Arthur	---	---	---	---	---	53	506	529
O'Neill	---	---	---	---	---	58	552	566
NE Norfolk	89	41	58	-9	1.05	---	---	---
Sioux City	85	43	57	-10	.92	---	---	---
Concord	---	---	---	---	---	59	616	586
Elgin	---	---	---	---	---	58	582	583
West Point	---	---	---	---	---	67	649	624
CEN Grand Island	90	41	59	-9	58	70	631	594
Ord	86	40	55	---	.05	67	606	587
Kearney	---	---	---	---	---	71	636	591
EC Lincoln	91	43	61	-8	.14	84	703	653
Omaha	89	40	60	-8	.82	---	---	---
Central City	---	---	---	---	---	69	644	600
Mead	---	---	---	---	---	83	706	648
SW Imperial	87	35	54	---	16	---	---	---
North Platte	83	30	54	-10	17	68	591	545
Curtis	---	---	---	---	---	69	616	557
SC Holdrege	---	---	---	---	---	70	640	589
Red Cloud	---	---	---	---	---	87	737	598
SE Beatrice	---	---	---	---	---	82	678	653
Clay Center	---	---	---	---	---	75	655	598

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.