

# NEBRASKA

## WEATHER & CROPS



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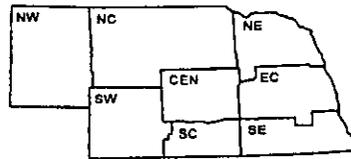
For Week Ending June 21, 1998

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National Agricultural Statistics Service  
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National Oceanic and Atmospheric Admn  
National Weather Service



Nebraska Department of Agriculture  
Division of Agr'l Statistics  
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### WEATHER

Temperatures averaged below normal, especially in northwest Nebraska with the coolest weather early in the week. Rain fell across the State with amounts ranging from traces to over four inches in Bellevue.

### GENERAL

Cool conditions prevailed again early in the week with heavy precipitation recorded in central counties, according to the Nebraska Agricultural Statistics Service. Hail damage was again recorded in a number of areas across the State. Lowland flooding was the topic of farmers in many counties along the Missouri River and an early startup on wheat harvest was expected to begin in southern counties. Dry conditions continued to worsen in the lower southwest, with some supplemental feeding of livestock expected soon. Producer activities included cultivation, haying, moving farm grain to market and working cattle.

### CROPS

Winter wheat condition rated 4% very poor, 13% poor, 29% fair, 47% good and 7% excellent. Wheat turning color advanced to 59%, ahead of 44% last year, and 45% average. Statewide, 1% of the acreage was considered ripe, compared with 0% last year and 4% average. The crop was most advanced in southern counties which had been drought stressed, with an early harvest of wheat anticipated. Some cutting was expected to begin this week.

Corn condition rated 1% very poor, 5% poor, 18% fair, 60% good, and 16% excellent. Dryland corn rated 74% in good

### CROPS (Cont.)

or excellent condition, and irrigated acres rated 78% good or excellent. Corn was yellowing in lowland areas, with soils saturated in many eastern areas.

Soybeans condition rated 1% very poor, 5% poor, 17% fair, 62% good and 15% excellent. The amount of crop emerged was at 98%, compared to 97% last year and ahead of 86% average.

Sorghum condition rated 4% poor, 32% fair, 58% good, and 6% excellent. The crop was 97% emerged, ahead of 96% last year and 85% average.

Oats condition rated 4% poor, 13% fair, 49% good, and 34% excellent. The amount of acreage headed was 68%, compared with 56% last year.

Dry bean planting progressed to 94% complete, same as last year and just ahead of 91% average. The crop was 77% emerged, ahead of both 70% last year and 75% average.

Alfalfa condition rated 3% very poor, 8% poor, 30% fair, 49% good and 10% excellent. The first cutting was 75% complete, behind 79% last year and 81% average. Wet conditions have caused some hay to lay two or more weeks. Hay quality continued to be rated as poor in many eastern counties as producers have not been able to achieve the needed drydown for safe storage. Alfalfa weevil populations continued high in many eastern counties. Wild hay condition rated 1% very poor, 4% poor, 19% fair, 60% good, and 16% excellent.

### LIVESTOCK, PASTURE & RANGE

Pasture and range conditions improved and rated 1% very poor, 6% poor, 22% fair, 58% good, and 13% excellent. Feedlots continued muddy in portions of the east.

CROP PROGRESS AS OF JUNE 21, 1998	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% Wheat Turning	31	17	14	48	85	74	78	99	59	14	44	45
% Wheat Ripe	0	0	0	0	0	2	4	2	1	n/a	0	4
% Sorghum Emerged	n/a	100	95	100	92	90	96	100	97	89	96	85
% Soybeans Emerged	n/a	100	98	100	98	97	100	99	98	94	97	86
% Oats Headed	30	55	77	77	89	70	73	92	68	32	56	n/a
% Dry Beans Planted	93	100	100	100	n/a	97	n/a	n/a	94	69	94	91
% Dry Beans Emerged	78	97	81	80	n/a	75	n/a	n/a	77	25	70	75
% Alfalfa First Cutting	50	93	66	76	77	91	98	96	75	57	79	81

### DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF JUNE 19, 1998

	NW	NC	NE	C	EC	SW	SC	SE	STATE	LAST WEEK	LAST YEAR
Days suitable	3 0	3.6	2 6	3 5	1 9	5 9	5.5	2.7	3 5	2 2	6 0
Topsoil moisture - Very Short	0	0	0	0	0	20	7	0	3	3	8
(Percent) - Short	9	0	0	2	0	23	31	1	8	6	34
- Adequate	88	98	60	80	61	55	62	89	76	59	56
- Surplus	3	2	40	18	39	2	0	10	13	32	2
Subsoil moisture - Very Short	0	0	0	0	0	15	3	0	2	1	1
(Percent) - Short	7	6	0	2	0	29	24	1	9	10	25
- Adequate	93	91	61	80	71	53	73	90	78	78	73
- Surplus	0	3	39	18	29	3	0	9	11	11	1

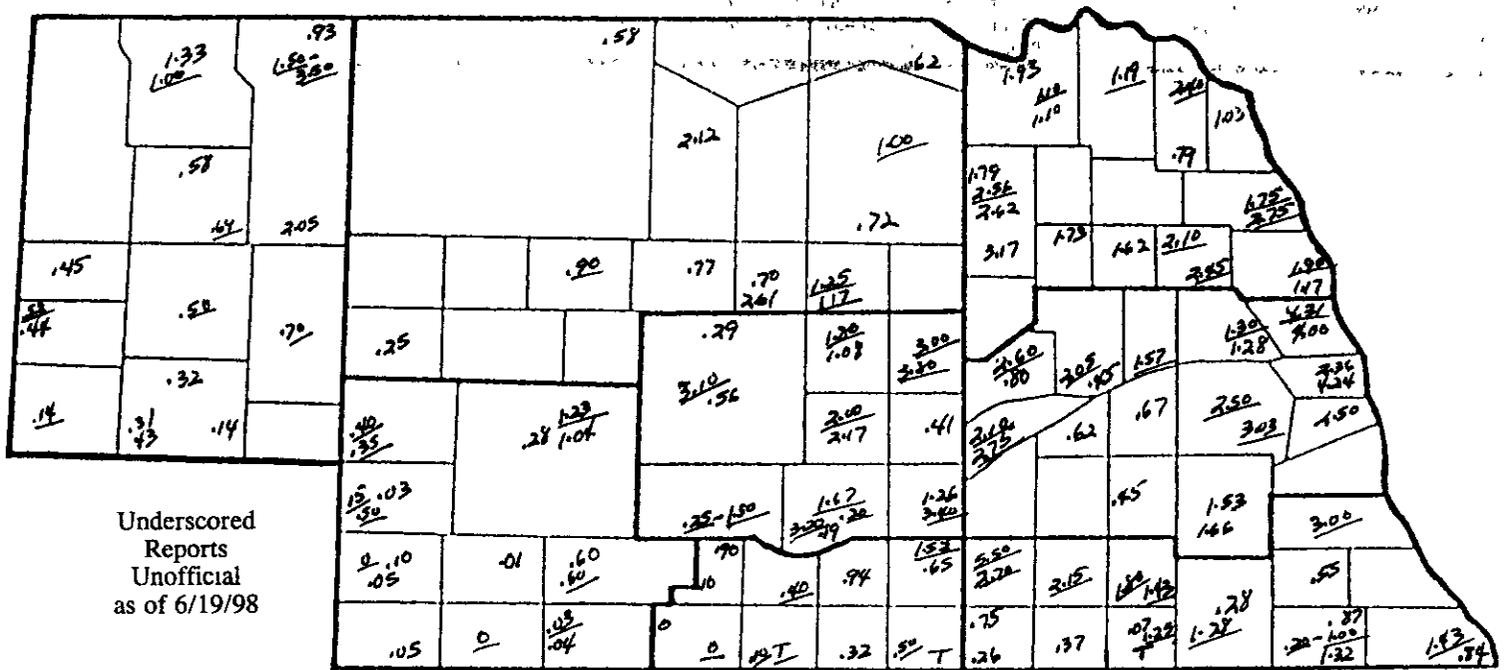
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**PRECIPITATION MAP FOR WEEK ENDING SATURDAY, JUNE 20, 1998**



Underscored Reports  
Unofficial  
as of 6/19/98

**PRECIPITATION, APRIL 1 - JUNE 20, 1998**

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week . . . . .	.70	1.05	1.69	.85	1.64	.24	.42	.53
Total since April 1 . . . . .	6.43	10.59	12.47	10.40	14.99	6.63	6.38	8.94
Normal since April 1 . . . . .	6.80	7.83	9.08	8.72	9.78	7.41	8.56	9.62
Total as % of normal . . . . .	95%	135%	137%	119%	153%	89%	75%	93%

**TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA,  
WEEK ENDING SATURDAY, JUNE 20, 1998**

Station	Temperature				Precipitation	Growing Degree Data Since April 15		
	Extremes		Mean	Departure	Total Inches	Last Week	Current	Normal
	Max	Min						
NW	Chadron	74	50	62	---	1.33	---	---
	Scottsbluff	74	48	61	-7	.45	83	700
	Sidney	74	47	61	---	.31	77	632
NC	Valentine	76	51	64	-5	.58	---	---
	Arthur	---	---	---	---	---	88	678
	O'Neill	---	---	---	---	---	114	753
NE	Norfolk	79	58	68	-3	1.73	---	---
	Sioux City	79	57	68	-3	1.03	---	---
	Concord	---	---	---	---	---	122	824
	Elgin	---	---	---	---	---	115	786
	West Point	---	---	---	---	---	130	872
CEN	Grand Island	82	57	69	-3	1.26	123	860
	Ord	80	58	69	---	1.08	121	815
	Kearney	---	---	---	---	---	122	867
EC	Lincoln	83	60	72	-1	1.53	143	958
	Omaha	80	61	71	-1	2.36	---	---
	Central City	---	---	---	---	---	124	870
	Mead	---	---	---	---	---	143	955
SW	Imperial	83	51	67	---	.10	---	---
	North Platte	80	49	65	-3	.28	108	799
	Curtis	---	---	---	---	---	115	834
SC	Holdrege	---	---	---	---	---	124	874
	Red Cloud	---	---	---	---	---	146	1011
SE	Beatrice	---	---	---	---	---	137	923
	Clay Center	---	---	---	---	---	127	892

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.