

# NEBRASKA

## WEATHER & CROPS



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AGRICULTURAL  
STATISTICS  
SERVICE

For Week Ending June 4, 2000

Issue: 14-2000

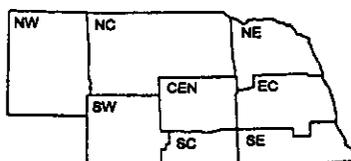
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National Weather Service



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Division of Agr'l Statistics  
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### WEATHER

Temperatures in the northeast and central portions of the State averaged near normals, while the remainder of the State averaged three to five degrees above normals. Precipitation was widespread but generally light. The northeastern counties accumulated the most, with one-half to one inch of precipitation.

### GENERAL

A mostly dry week provided good weather for putting up hay crops, but little relief to the drought stressed crop regions, according to the Nebraska Agricultural Statistics Service. Gusty winds continued to dry soils and accelerate the wheat crop toward an early harvest. Producer activities included scouting for insects, cultivating, hay harvesting, and irrigation.

### CROPS

The winter wheat crop condition showed little change last week and rated 11% very poor, 19% poor, 33% fair, 33% good, and 4% excellent. As of Sunday, 98% of the crop had headed, ahead of last year's 77% and the five-year average at 63%. About 36% of the crop was turning color, well ahead of 3% last year and 1% average. A number of acres have been cut for hay in Southeastern counties, with remaining fields expected to be harvested the third full week of June.

Corn condition was rated 1% very poor, 6% poor, 34% fair, 45% good, and 14% excellent. Producers with gravity flow irrigation were anxious to get enough height on the crop to ridge and

### CROPS Cont.

get irrigation underway. Dryland fields were deteriorating in the Southeast where driest conditions prevail.

Soybean planting again was virtually completed last week at 99%. This compared to 84% a year ago, and average at 72%. About 92% had emerged as of Sunday, well ahead of last year at 41% and average at 43%. Condition slipped last week and rated 1% very poor, 9% poor, 41% fair, 40% good, and 9% excellent.

Sorghum planting moved ahead to 93%, well ahead of last year at 55% and average at 60%. About 79% had emerged, well ahead of 19% last year and 31% average.

Oat condition declined and rated 6% very poor, 13% poor, 40% fair, 38% good, and 3% excellent. Heading was well ahead of average at 37%, compared to 9% last year and 7% average.

Dry bean planting was near three fourths complete at 72%, well ahead of 54% last year and 30% average.

Alfalfa harvest was two thirds complete at 66%, compared to 45% last year and 22% for the average. First cutting yields have been significantly reduced in many eastern counties. Condition of the crop was rated at 12% very poor, 13% poor, 30% fair, 41% good, and 4% excellent. Conditions in the northern half of the State improved, while southern counties continued their decline. Wild hay condition rated 8% very poor, 19% poor, 40% fair, 31% good, and 2% excellent.

### LIVESTOCK, PASTURE & RANGE

Pasture and range condition rated 12% very poor, 26% poor, 35% fair, 21% good and 6% excellent. A hay hothine was established to enable livestock producers with forage needs to connect with producers having hay to sell. The phone number is: 1-800-422-6692.

FIELD WORK PROGRESS AS OF JUNE 4, 2000	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE				
	P E R C E N T											
% Wheat Headed	98	100	91	90	86	99	96	99	98	83	77	63
% Wheat Turning Color	0	0	10	0	25	39	41	51	36	12	3	1
% Corn Emerged	98	100	99	99	100	99	100	99	99	96	89	83
% Soybeans Planted	n/a	100	98	96	100	91	100	98	99	95	84	72
% Soybeans Emerged	n/a	90	90	80	94	71	97	92	92	71	41	43
% Sorghum Planted	n/a	n/a	88	90	99	86	95	94	93	81	55	60
% Sorghum Emerged	n/a	n/a	68	55	81	66	79	79	79	43	19	31
% Dry Beans Planted	75	100	62	n/a	n/a	60	n/a	n/a	72	31	54	30
% Dry Beans Emerged	17	75	23	n/a	n/a	35	n/a	n/a	23	10	23	8
% Alfalfa First Cutting	*13	70	74	65	89	68	76	95	66	**56	45	22
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF JUNE 2, 2000												
Days Suitable	5.7	6.0	4.5	5.7	6.0	6.7	6.3	6.1	5.9	5.7	3.0	
Topsoil Moisture												
- Very short	3	0	0	21	28	49	43	71	27	22	0	
- Short	13	24	18	62	44	26	45	22	29	32	4	
- Adequate	84	76	65	17	28	25	12	7	42	44	74	
- Surplus	0	0	17	0	0	0	0	0	2	2	22	
Subsoil Moisture-												
- Very Short	1	0	22	33	52	44	70	82	38	39	0	
- Short	9	31	44	60	41	29	30	14	29	37	5	
- Adequate	90	69	24	7	7	27	0	4	32	23	81	
- Surplus	0	0	10	0	0	0	0	0	1	1	14	

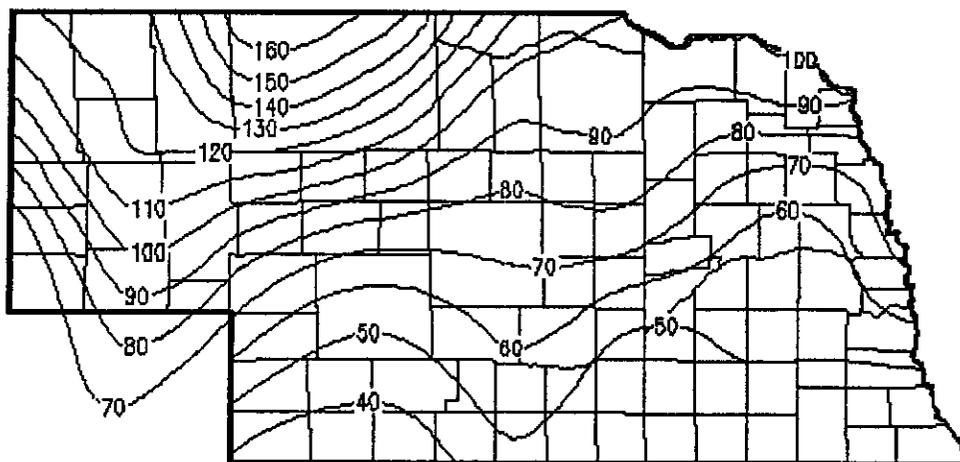
n/a = not available. \* Previous week revised to 4% \*\*Revised.

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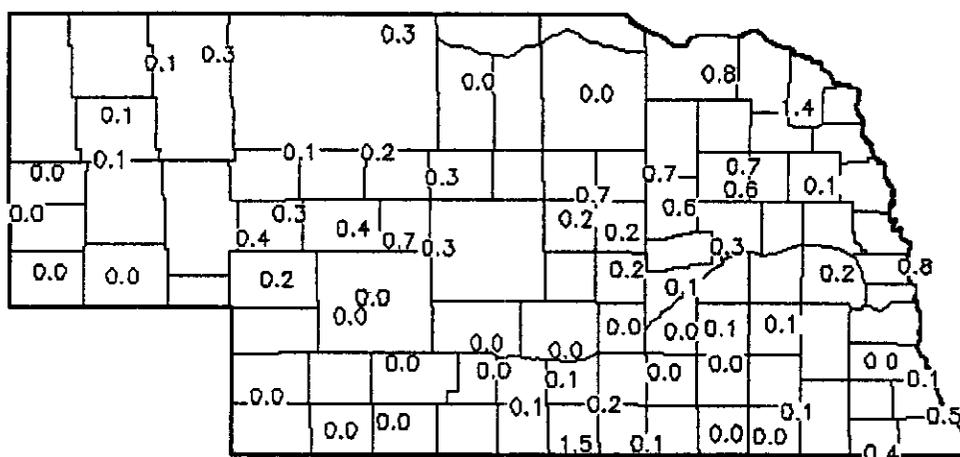
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○ PRECIPITATION AS PERCENT OF NORMAL  
APRIL 1 - JUNE 4, 2000



PRECIPITATION IN INCHES FOR WEEK ENDING JUNE 4, 2000



Source: High Plains Climate Center

PRECIPITATION, APRIL 1 - JUNE 4, 2000

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week . . . . .	.40	.63	1.03	.19	.26	.06	.39	.19
Total since April 1 . . . . .	6.30	5.36	6.67	3.91	4.15	2.65	3.16	3.13
Normal since April 1 . . . . .	5.17	5.86	6.70	6.50	7.40	5.54	6.41	7.33
Total as % of normal . . . . .	122%	91%	100%	60%	56%	48%	49%	43%

TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA,  
WEEK ENDING SUNDAY, JUNE 4, 2000

Station	Temperature				Precipitation	Growing Degree Data Since April 15			
	Extremes		Mean	Departure		Total Inches	Last Week	Current	Normal
	Max	Min							
NW	Chadron	92	34	61	---	.15	---	---	
	Scottsbluff	96	43	65	+3	.06	92	565	472
	Sidney	96	40	65	---	.08	92	559	483
NC	Valentine	91	35	61	-2	.32	---	---	---
	Arthur	---	---	---	---	---	n/a	n/a	n/a
	O'Neill	---	---	---	---	---	84	551	539
NE	Norfolk	90	45	66	0	.57	---	---	---
	Sioux City	86	47	66	-1	1.01	---	---	---
	Concord	---	---	---	---	---	98	605	553
	Elgin	---	---	---	---	---	99	577	555
CEN	West Point	---	---	---	---	---	n/a	n/a	n/a
	Grand Island	97	44	68	+1	.21	118	647	566
	Ord	92	42	66	---	.22	105	598	559
	Kearney	---	---	---	---	---	120	637	560
EC	Lincoln	98	46	73	+5	T	146	732	626
	Omaha	94	51	72	+5	.18	---	---	---
	Central City	---	---	---	---	---	122	659	575
	Mead	---	---	---	---	---	135	697	616
SW	Imperial	101	41	68	---	.10	---	---	---
	North Platte	95	40	66	+3	.08	107	633	525
	Curtis	---	---	---	---	---	111	636	535
SC	Holdrege	---	---	---	---	---	125	637	555
	Red Cloud	---	---	---	---	---	153	748	575
SE	Beatrice	---	---	---	---	---	152	725	626
	Clay Center	---	---	---	---	---	132	661	572

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 N/A = not available.