

# NEBRASKA WEATHER & CROPS



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AGRICULTURAL  
STATISTICS  
SERVICE

For Week Ending August 13, 2000

Issue: 24-2000

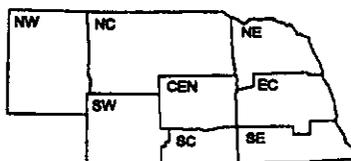
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National Agricultural Statistics Service  
U.S. Department of Agriculture  
and U.S. Department of Commerce  
National Oceanic and Atmospheric Admn.  
National Weather Service



Nebraska Department of Agriculture  
Division of Agr'l. Statistics  
Cooperative Extension Service  
Institute of Agriculture  
and Natural Resources--UN-L

## WEATHER

Temperatures averaged two to six degrees above normals. Precipitation was very light and scattered across the State.

## GENERAL

Dryland crops, tame grasses, and native pastures continued to suffer from drought stress last week, according to the Nebraska Agricultural Statistics Service. Crop producers continued to use irrigation systems according to crop need, water availability, and fuel costs. Reports indicated that some dryland crops were moving too quickly toward maturity. Producers were considering alternative harvest plans to salvage feed value from those suffering crops. Producer activities included moving grain to market and livestock care.

## CROPS

Corn condition declined last week and rated 14% very poor, 14% poor, 26% fair, 37% good, and 9% excellent. Irrigated corn condition declined to 64% good to excellent while dryland corn declined to 20% good to excellent. Reports indicated that 77% of the crop was in or beyond the dough stage, this compared with 60% last year and 42% average. About 30% had dented, last year at this time 9% had dented while the average was 6%. Some producers were harvesting corn for silage.

## CROPS Cont.

Soybean condition declined and rated 16% very poor, 22% poor, 32% fair, 26% good, and 4% excellent. By week's end, 88% had set pods, compared to 70% last year and 66% average.

Sorghum condition showed minimal change from last week and rated 9% very poor, 21% poor, 42% fair, 27% good, and 1% excellent. The crop was 86% headed as of Sunday, well ahead of 66% last year and 64% average. Twenty-three percent of the crop was coloring, ahead of last year at 4% and average at 2%.

Oat harvest was virtually complete at 98% combined and compared with 96% last year and average.

Alfalfa third cutting progressed to 62% harvested, this compared to 36% last year and 27% average. Dry conditions have convinced some producers not to take a third cutting this summer. Condition of the crop declined and rated 26% very poor, 26% poor, 28% fair, 18% good, and 2% excellent. Wild hay harvest continued.

## LIVESTOCK, PASTURE & RANGE

Pasture and range condition declined and rated 39% very poor, 38% poor, 18% fair, and 5% good. Some producers continued to move cattle around, provide supplemental hay and/or protein, or move cattle to market.

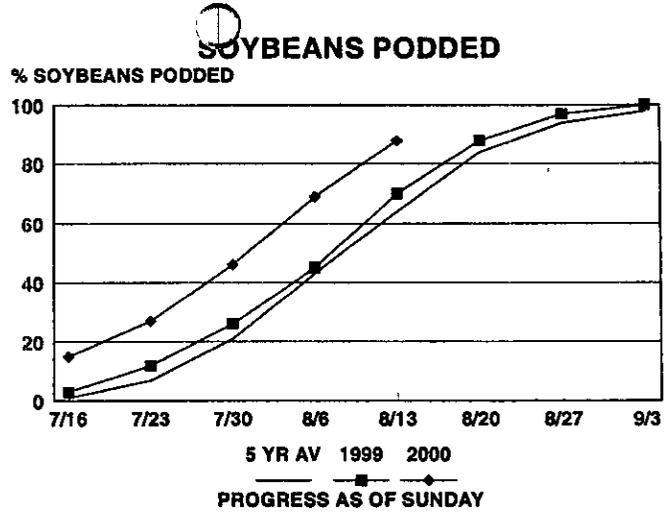
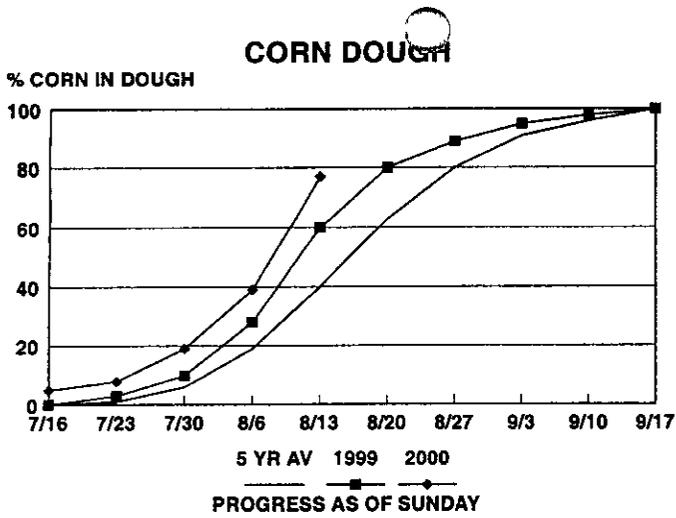
FIELD WORK PROGRESS AS OF AUGUST 13, 2000	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE				
	PERCENT											
% Corn Dough	28	56	58	88	84	49	84	93	77	39	60	42
% Corn Dent	0	5	12	24	39	13	28	54	30	10	9	6
% Soybeans Blooming	n/a	95	100	99	99	97	100	98	99	95	99	97
% Soybeans Setting Pods	n/a	70	85	65	90	75	93	91	88	69	70	66
% Sorghum Headed	n/a	80	75	94	98	65	75	85	86	72	66	64
% Alfalfa Third Cutting	30	40	52	54	84	60	98	89	62	33	36	27
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF AUGUST 11, 2000												
Days Suitable	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.9	7.0	6.8	4.6	
Topsoil Moisture												
- Very short	43	41	49	49	76	63	66	83	62	40	4	
- Short	41	33	41	41	22	20	33	14	29	35	15	
- Adequate	16	26	10	10	2	17	1	3	9	25	77	
- Surplus	0	0	0	0	0	0	0	0	0	0	0	
Subsoil Moisture-												
- Very Short	32	39	67	56	89	62	66	87	66	48	3	
- Short	48	54	32	33	11	38	29	12	29	39	18	
- Adequate	20	7	1	11	0	5	1	5	5	13	78	
- Surplus	0	0	0	0	0	0	0	0	0	0	1	

n/a = not available.

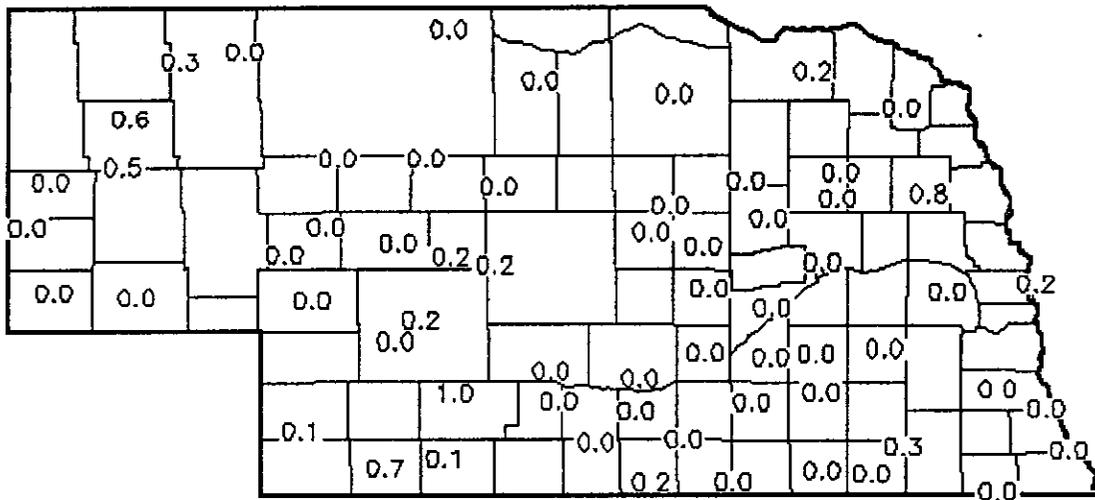
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### PRECIPITATION IN INCHES FOR WEEK ENDING AUGUST 13, 2000



Source: High Plains Climate Center

### PRECIPITATION, APRIL 1 - AUGUST 13, 2000

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	.18	.05	.07	.01	.12	.20	.10	.00
Total since April 1	10.76	11.71	14.40	14.34	14.57	6.41	12.94	13.01
Normal since April 1	10.91	13.20	14.80	14.48	15.78	12.43	14.36	16.07
Total as % of normal	99%	89%	97%	99%	92%	52%	90%	81%

### TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA, WEEK ENDING SUNDAY, AUGUST 13, 2000

Station	Temperature				Precipitation	Growing Degree Data Since April 15		
	Extremes		Mean	Departure	Total Inches	Last Week	Current	Normal
	Max	Min						
NW Chadron	100	53	79	---	0	---	---	---
Scottsbluff	100	53	77	+4	.08	159	1994	1850
Sidney	101	50	77	---	.07	159	1957	1896
NC Valentine	101	55	78	+4	0	---	---	---
Arthur	---	---	---	---	---	163	1967	1995
O'Neill	---	---	---	---	---	184	2076	2126
NE Norfolk	99	60	80	+6	T	---	---	---
Sioux City	94	61	77	+2	T	---	---	---
Concord	---	---	---	---	---	181	2108	2175
Elgin	---	---	---	---	---	189	2125	2175
West Point	---	---	---	---	---	182	2190	2293
CEN Grand Island	103	66	82	+6	T	192	2278	2199
Ord	101	62	82	---	T	193	2201	2184
Kearney	---	---	---	---	---	193	2233	2177
EC Lincoln	102	62	83	+6	T	206	2438	2404
Omaha	94	65	79	+4	.29	---	---	---
Central City	---	---	---	---	---	192	2257	2233
Mead	---	---	---	---	---	186	2280	2370
SW Imperial	104	58	80	---	.21	---	---	---
North Platte	102	55	80	+6	.14	176	2170	2060
Curtis	---	---	---	---	---	177	2212	2091
SC Holdrege	---	---	---	---	---	191	2223	2160
Red Cloud	---	---	---	---	---	206	2517	2224
SE Beatrice	---	---	---	---	---	196	2390	2404
Clay Center	---	---	---	---	---	192	2241	2220

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