

# NEBRASKA WEATHER & CROPS



For Week Ending September 6, 1998

Issue: 27-98

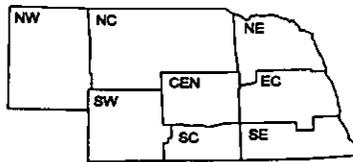
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National Agricultural Statistics Service  
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and U S Department of Commerce  
National Oceanic and Atmospheric Admin  
National Weather Service



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

The week was dry and warm. Temperatures averaged four to ten degrees above normals. Precipitation was light across the State with amounts ranging from traces to three-fourths of an inch in the Northeast.

## GENERAL

Above normal temperatures for the third week in a row combined with limited precipitation, moved fall harvested crops rapidly towards maturity, according to Nebraska Agricultural Statistics Service. With the exception of a few areas in the east, precipitation was non-existent in most counties. Corn silage harvest was active in many areas and seed corn harvest was occurring as well. Producers continued getting machinery ready for fall harvest and considering options for fall storage. Wheat seeding was underway in the west. Other producer activities included hay harvest, hauling manure, moving grain and livestock marketing and care.

## CROPS

**Corn** condition rated 1% very poor, 2% poor, 15% fair, 67% good, and 15% excellent. Dryland corn rated 80% in good or excellent condition and 83% of the irrigated corn rated in those categories. Acreage reaching the dent stage neared completion at 94%, well ahead of 58% last year and average. Corn mature was at 9%, also ahead of 3% a year earlier and 6% average. Seed corn was being taken in many areas and some high moisture corn was

## CROPS (cont.)

being harvested. Drydown was moving ahead rapidly with moisture levels in some fields in the low 20's

**Soybean** condition rated 2% poor, 14% fair, 70% good, and 14% excellent. Soybeans coloring moved to 37%, ahead of 30% last year and 26% average. Soybeans dropping leaves was at 4%, same as last year and just behind 6% average.

**Sorghum** condition rated 2% poor, 17% fair, 67% good, and 14% excellent. Coloring advanced to 79%, well ahead of 58% last year and 49% average. Sorghum mature was at 5%, with 1% last year and 3% average.

**Dry bean** condition rated 1% very poor, 7% poor, 31% fair, 51% good and 10% excellent. Acreage coloring moved quickly to 81%, near 77% last year and equal to the average. The amount of acreage dropping leaves was at 40%, near 41% last year and 39% average. A few fields of kidneys were being harvested in the Southwest.

**Alfalfa** condition rated 1% very poor, 6% poor, 20% fair, 62% good and 11% excellent. Third cutting activities were near completion at 90%, ahead of 83% last year and 80% average.

**Winter Wheat** seeding advanced to 9%, same as average, but ahead of 7% last year.

## LIVESTOCK, PASTURE & RANGE

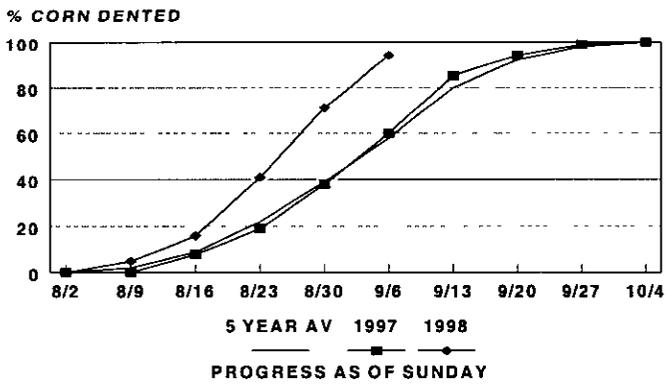
**Pasture and range** condition rated 2% very poor, 8% poor, 25% fair, 53% good, and 12% excellent. Winter feed was expected to be short in portions of the Southwest due to the summers dry conditions.

CROP PROGRESS AS OF September 6, 1998	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% Corn Dent	42	90	95	93	95	96	97	100	94	71	58	58
% Corn Mature	0	2	6	7	8	12	13	20	9	3	3	6
% Soybeans Turning Color	na	26	25	39	50	51	28	44	37	7	30	26
% Soybeans Dropping Leaves	na	3	1	5	5	4	3	5	4	1	4	6
% Sorghum Coloring	na	91	30	81	74	87	69	83	79	61	58	49
% Sorghum Mature	na	3	0	3	0	0	3	7	5	2	1	3
% Alfalfa Thrd Cutting	72	94	87	94	94	98	90	98	90	76	83	80
% Dry Beans Turning Color	80	64	na	46	na	86	na	na	81	33	77	81
% Dry Beans Dropping Leaves	38	5	na	5	na	51	na	na	40	3	41	39
% Wheat Planted	16	1	0	9	3	4	2	2	9	2	7	9
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF September 4, 1998												
Days suitable	7.0	7.0	6.7	6.8	7.0	6.9	7.0	6.8	6.9	5.7	5.7	
Topsoil moisture - Very Short	1	6	0	5	1	18	5	3	5	1	13	
(Percent) - Short	36	44	17	46	30	34	67	48	39	22	29	
- Adequate	63	50	81	49	69	48	28	49	56	76	56	
- Surplus	0	0	2	0	0	0	0	0	0	1	2	
Subsoil moisture - Very Short	0	5	0	4	0	15	3	13	5	2	13	
(Percent) - Short	30	34	8	38	26	33	53	22	29	19	37	
- Adequate	70	61	89	57	73	52	43	65	65	78	49	
- Surplus	0	0	3	1	1	0	1	0	1	1	1	

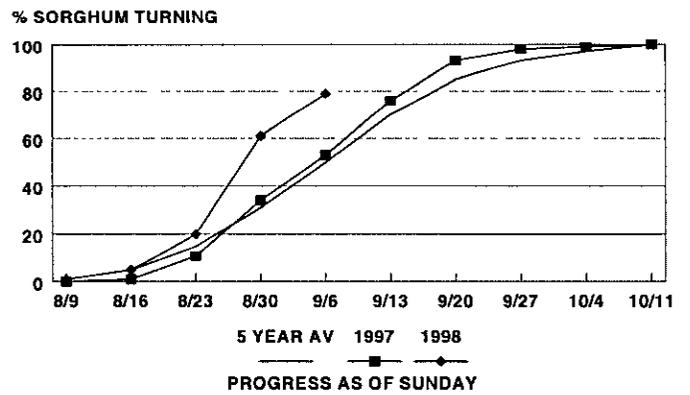
n/a = not available

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**CORN DENTED**



**SORGHUM TURNING**



**PRECIPITATION, APRIL 1 - SEPTEMBER 5, 1998**

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week . . . . .	01	04	19	02	01	07	01	00
Total since April 1 . . . . .	12 44	18 35	23 49	16 86	25 18	14 36	15 41	18 35
Normal since April 1 . . . . .	12 11	15 07	16 96	16 60	18 46	14 01	16 59	18 99
Total as % of normal . . . . .	103%	122%	139%	102%	136%	102%	93%	97%

**TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA, WEEK ENDING SATURDAY, SEPTEMBER 5, 1998**

Station	Temperature				Precipitation	Growing Degree Data		
	Extremes		Mean	Departure		Total Inches	Last Week	Since April 15
	Max	Min			Current			Normal
NW	Chadron	106	51	77	---	---	---	---
	Scottsbluff	102	51	75	+8	0	138	2318
	Sidney	100	50	75	---	T	155	2214
NC	Valentine	104	52	77	+10	T	---	---
	Arthur	---	---	---	---	---	153	2316
	O'Neill	---	---	---	---	---	157	2540
NE	Norfolk	89	57	73	+5	T	---	---
	Sioux City	90	56	72	+4	31	---	---
	Concord	---	---	---	---	---	153	2585
	Elgin	---	---	---	---	---	162	2588
	West Point	---	---	---	---	---	157	2695
CEN	Grand Island	98	55	76	+7	0	157	2704
	Ord	96	53	75	---	0	153	2615
	Kearney	---	---	---	---	---	155	2679
EC	Lincoln	93	58	76	+6	0	177	2945
	Omaha	90	61	75	+6	T	---	---
	Central City	---	---	---	---	---	154	2694
	Mead	---	---	---	---	---	165	2861
SW	Imperial	100	52	75	---	0	---	---
	North Platte	99	49	73	+6	05	150	2514
	Curtis	---	---	---	---	---	151	2641
SC	Holdrege	---	---	---	---	---	148	2677
	Red Cloud	---	---	---	---	---	167	3024
SE	Beatrice	---	---	---	---	---	161	2798
	Clay Center	---	---	---	---	---	157	2753

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.