

# NEBRASKA WEATHER & CROPS

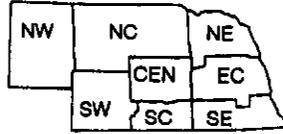
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8/31/92*



For Week Ending August 30, 1992

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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

The week was cool and wet. Temperatures averaged from six to twelve degrees below normals. Precipitation occurred the first half of the week with amounts varying from four-tenths of an inch in the northwest up to over four inches in the southwest.

## GENERAL

Another week of cool, wet weather conditions again hindered the normal rate of row crop development which was about two weeks behind normal, according to the Nebraska Agricultural Statistics Service. With limited fieldwork opportunities this past week, producers were busy with pre-harvest activities which included moving grain, preparing grain bins and drying equipment, and readying harvest equipment. Crops continued to need sunny days with above normal temperatures. Late developing crops will need a later-than-normal first killing frost.

## CROPS

**Corn** condition was rated at 9% poor, 12% fair, 56% good, and 23% excellent. The crop continued to move toward maturity despite additional poor growing conditions. Some reports indicate less than full kernel development in ears. With the first frost dates approaching, good growing weather remains a necessity. Statewide, corn was reaching the dent stage about twelve days behind normal.

## CROPS (Cont.)

**Soybean** condition was rated at 3% poor, 8% fair, 66% good, and 23% excellent. Plants have begun turning color in a few fields as of Sunday. This development stage was occurring about ten days behind normal statewide.

**Sorghum** condition was rated at 3% poor, 22% fair, 61% good, and 14% excellent. The crop did progress in development last week but at a slower rate than other crops. Statewide, the crop was 96% headed at week's end but coloring was about sixteen days behind normal. Concerns remain strong about maturity before frost.

**Dry bean** harvest has just begun on western acres. The recent cool, wet weather has brought white mold to some producers' fields.

**Alfalfa** condition was rated at 1% poor, 20% fair, 63% good, and 16% excellent. Third cutting activities progressed to 60% complete. Low quality of hay baled continued to be reported. **Wild hay** condition was rated at 4% poor, 50% fair, 40% good, and 6% excellent.

## LIVESTOCK

Pasture and range condition was rated at 99% of normal and compares with 63% of normal last year at this time. Grazing potential remained excellent with many areas experiencing a greater grass growth for a longer period during the summer. Beef herds have benefitted greatly from the excellent summer grazing, showing good weight gains and few health problems. Flies continued to stress cattle in several areas.

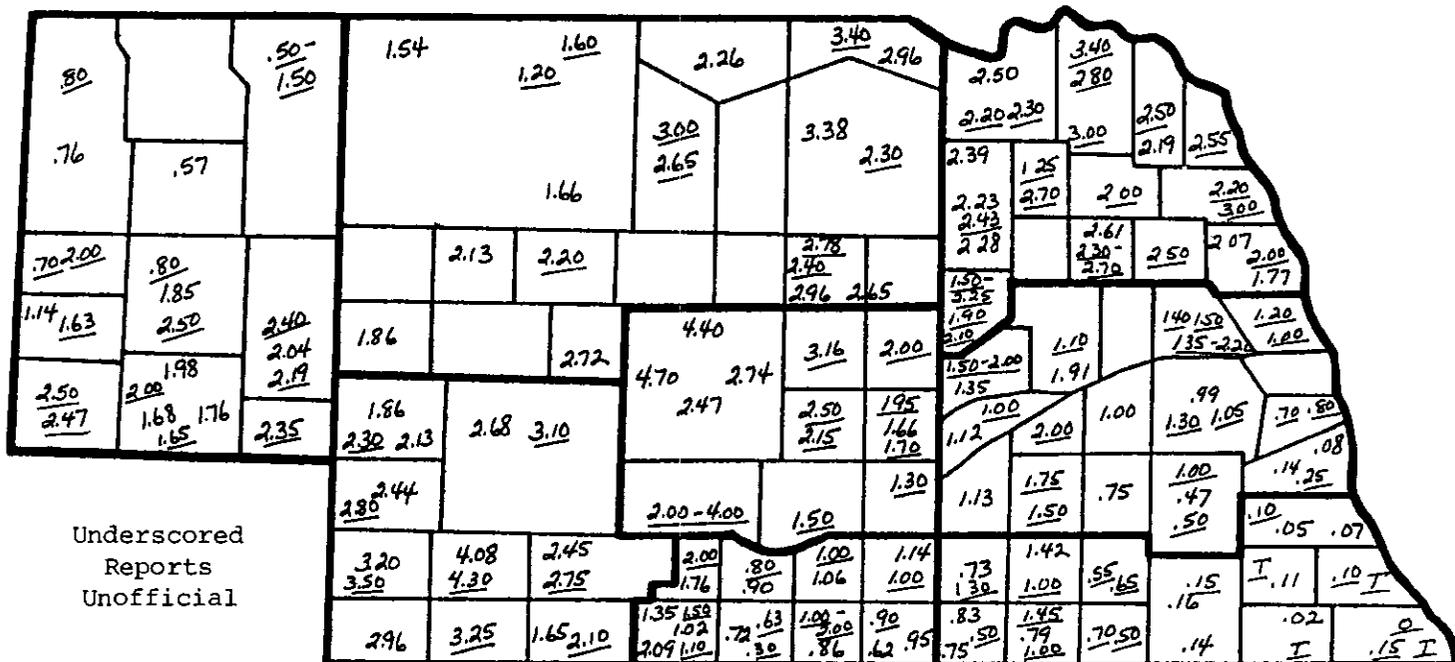
FIELD WORK PROGRESS AS OF AUGUST 30, 1992	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% corn dough stage	65	74	71	99	91	79	92	95	86	67	100	96
% corn dented	11	17	17	23	43	26	34	39	29	10	78	65
% sorghum headed	100	75	96	100	97	100	89	98	96	90	100	98
% sorghum turning color	0	7	10	34	22	19	12	11	13	10	68	54
% soybeans setting pods	0	73	94	95	92	91	100	100	95	92	100	98
% soybeans turning color	0	1	0	4	6	5	3	0	3	0	36	28
% alfalfa third cutting	31	47	51	65	72	86	85	71	60	50	76	77
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF AUGUST 28, 1992												
Days suitable	2.8	3.1	2.2	3.4	3.9	2.5	4.1	5.3	3.6	6.1	6.9	
Topsoil moisture - Short	0	0	0	0	0	0	0	40	6	14	98	
(Percent) - Adequate	88	75	72	92	79	38	100	55	76	81	2	
- Surplus	12	25	28	8	21	62	0	5	18	5	0	
Subsoil moisture - Short	0	0	0	0	0	0	14	0	1	4	86	
(Percent) - Adequate	100	100	94	92	83	100	86	100	94	93	14	
- Surplus	0	0	6	8	17	0	0	0	5	3	0	

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PRECIPITATION MAP FOR WEEK ENDING FRIDAY, AUGUST 28, 1992



PRECIPITATION, APRIL 1 - AUGUST 28, 1992

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	1.47	2.41	2.26	3.19	.89	2.61	1.13	.46
Total since April 1	12.17	15.84	18.07	16.14	19.49	14.36	14.86	20.76
Normal since April 1	11.73	14.36	16.53	15.51	17.64	13.11	15.66	18.40

TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA, WEEK ENDING SUNDAY, AUGUST 30, 1992

Station	Temperature				Precipitation Total Inches 1/	Growing Degree Data Since April 15		
	Extremes		Mean	Departure		Last Week	Current	Normal
	Max	Min						
NW Chadron	89	40	57	---	.61	---	---	---
Scottsbluff	88	40	57	-12	.36	2020	2084	2278
Sidney	88	42	59	---	.96	1912	1985	2227
NC Valentine	90	37	57	-12	.96	1857	1924	2314
NE Norfolk	82	49	61	-10	1.64	---	---	---
Sioux City	81	49	63	-8	2.97	---	---	---
Concord	---	---	---	---	---	1934	2009	2573
Elgin	---	---	---	---	---	1831	1889	2511
West Point*	---	---	---	---	---	2037	2125	2630
CEN Grand Island	84	49	63	-9	1.31	2094	2196	2627
Ord	84	44	61	---	---	2019	2091	2590
EC Lincoln	90	51	67	-6	.63	2276	2400	2725
Omaha	86	53	65	-6	.53	2145	2265	2623
Columbus	---	---	---	---	---	2102	2198	2677
York	---	---	---	---	---	2142	2256	2745
SW Imperial	87	44	60	---	4.16	---	---	---
North Platte	84	40	58	-12	2.07	**1945	**2014	**2461
SC Holdrege	---	---	---	---	---	2126	2212	2671
SE Beatrice	---	---	---	---	---	2230	2336	2798
Clay Center	---	---	---	---	---	2129	2227	2715

1/ Precipitation totals not included in map above. \* Automated weather station. \*\* West Central Research & Extension Center.

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.