

NEBRASKA WEATHER & CROPS



For Week Ending August 20, 1995

Issue: 23-95

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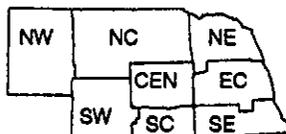
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National Agricultural Statistics Service
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National Oceanic and Atmospheric Admn.
National Weather Service



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

WEATHER

Temperatures in the northwest and north central averaged slightly below normals for the week while the remainder of the State averaged one to four degrees above normals. Precipitation averages ranged from traces in the northwest up to two inches in the southeast.

GENERAL

Above normal temperatures promoted rapid crop development last week, but corn and sorghum continued two to three weeks behind normal, according to the Nebraska Agricultural Statistics Service. Heavy rainfall received in the Southeast District helped boost dryland crop prospects. However, most other dryland areas were short on moisture supplies. Producer activities included harvesting alfalfa and oats, walking beans, moving grains to markets, insect control, and preparing seedbeds for fall seeding.

CROPS

The all corn condition was virtually unchanged from the previous week and was rated at 4% very poor, 12% poor, 33% fair, 45% good and 6% excellent. Irrigated corn rated 69% good or excellent and dryland corn rated at 19% good or excellent. Twenty-one percent of the crop reached the dough stage, compared with 94% last year and 71% average, putting the crop about 19 days behind the five-year average. Burning of lower leaves and firing was occurring on dryland acreage in numerous counties. Some heavy infestations of corn borer were reported in the northeastern third of the State. Grasshoppers and rootworm beetles are also a problem in many areas.

CROPS (Cont.)

Soybean condition, which declined slightly from the previous week, rated 5% very poor, 22% poor, 41% fair, 31% good, and 1% excellent. Statewide, 69% of the acreage had set pods, compared to 99% last year and about six days behind the five-year average of 84%.

Sorghum condition also declined from the previous week and rated 1% very poor, 16% poor, 49% fair, 33% good, and 1% excellent. Sorghum headed progressed to 66% complete last week, compared to 98% last year and 83% average. A small portion of acreage began turning color last week, with 1% colored statewide. This is about 14 days behind the average.

Dry bean condition was rated at 3% very poor, 6% poor, 41% fair, 47% good, and 3% excellent. As of Sunday, 99% of the crop had bloomed with 85% setting pods.

Alfalfa condition was rated at 2% very poor, 14% poor, 41% fair, 40% good, and 3% excellent. Third cutting progressed to 40% complete by week's end, compared with 62% last year and 49% average. Wild hay condition was rated at 2% very poor, 10% poor, 31% fair, 50% good and 7% excellent.

LIVESTOCK, PASTURE & RANGE

Pasture and range condition was rated at 5% very poor, 15% poor, 36% fair, 38% good, and 6% excellent. Pastures for grazing were shorter than normal. Some producers were supplemental feeding livestock last week. The warm weather conditions continued to affect cattle and hog weight gains last week.

FIELD WORK PROGRESS AS OF AUGUST 20, 1995	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% Corn Silked	96	100	99	100	100	95	100	90	98	95	100	99
% Corn Dough Stage	7	11	16	23	26	21	27	18	21	6	94	71
% Sorghum Headed	0	75	46	35	69	60	67	69	66	22	98	83
% Sorghum Turning Color	0	4	1	0	0	1	4	1	1	0	24	13
% Soybeans Blooming	0	70	100	99	99	97	99	96	98	91	100	99
% Soybeans Setting Pods	0	54	72	54	77	78	57	60	69	38	99	84
% Alfalfa Third Cutting	4	29	38	38	64	59	55	57	40	14	62	49
% Dry Beans Blooming	100	63	100	76	0	100	0	0	99	91	100	n/a
% Dry Beans Podded	90	53	74	48	0	78	0	0	85	51	97	n/a
% Oats Harvested	74	100	100	100	100	100	100	100	98	96	100	99
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF AUGUST 18, 1995												
Days suitable	6.8	7.0	6.7	6.6	6.5	6.8	4.8	3.3	6.1	6.4	6.7	
Topsoil moisture - Very Short	5	13	51	2	41	23	13	1	20	21	0	
(Percent) - Short	63	74	38	90	54	60	50	18	55	55	61	
- Adequate	32	13	11	8	5	17	37	81	25	24	39	
- Surplus	0	0	0	0	0	0	0	0	0	0	0	
Subsoil moisture - Very Short	2	2	34	0	23	7	8	0	11	10	0	
(Percent) - Short	32	49	43	34	68	48	40	35	46	50	29	
- Adequate	66	49	23	64	9	45	52	65	43	40	70	
- Surplus	0	0	0	2	0	0	0	0	0	0	1	

n/a = not available.

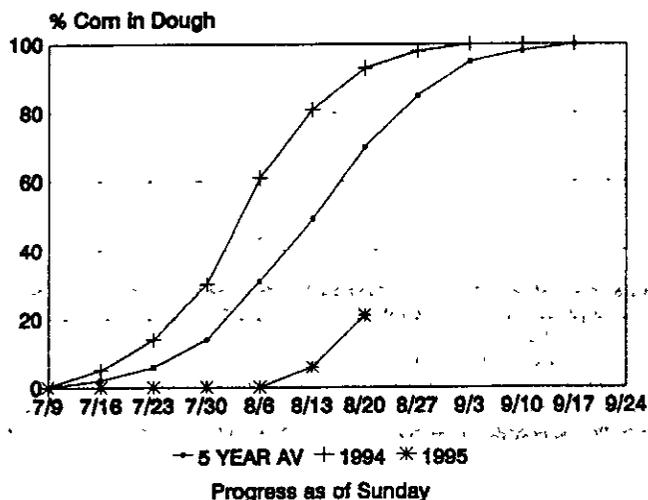
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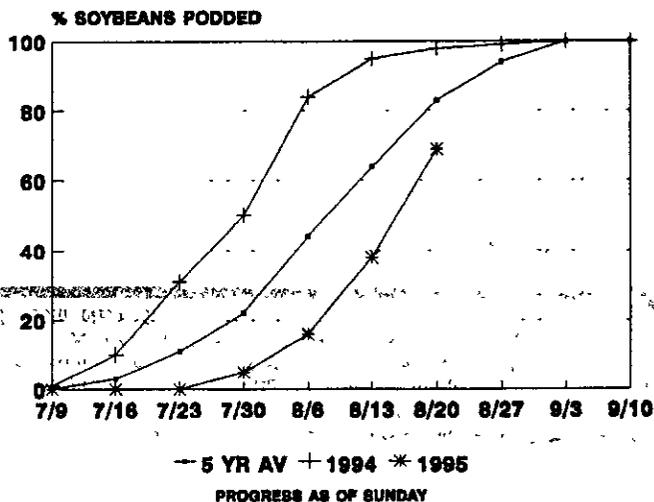
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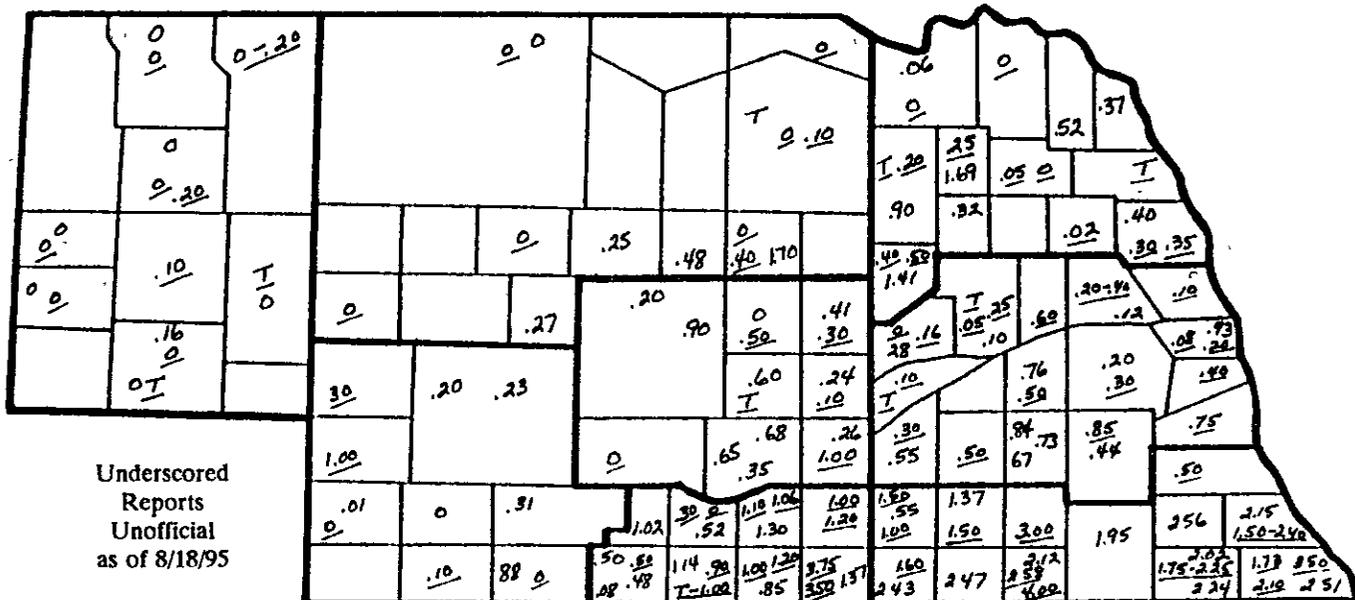
CORN DOUGH



SOYBEANS PODED



PRECIPITATION MAP FOR WEEK ENDING SUNDAY, AUGUST 20, 1995



Underscored Reports
Unofficial
as of 8/18/95

PRECIPITATION, APRIL 1 - AUGUST 20, 1995

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	.02	.45	.71	.43	.51	.27	.81	2.03
Total since April 1	14.44	17.83	16.46	17.62	15.81	16.10	17.92	21.64
Normal since April 1	11.31	13.84	15.52	15.20	16.66	12.99	15.15	17.03

TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA, WEEK ENDING SUNDAY, AUGUST 20, 1995

Station	Temperature				Precipitation Total Inches	Growing Degree Data Since April 15		
	Extremes		Mean	Departure		Last Week	Current	Normal
	Max	Min						
NW Chadron	106	45	75	---	0	---	---	---
Scottsbluff	96	49	71	-1	0	1495	1632	2077
Sidney	98	50	74	---	0	1434	1563	1918
NC Valentine	102	44	71	-2	0	---	---	---
Arthur	---	---	---	---	---	1551	1686	1955
O'Neill	---	---	---	---	---	1693	1838	2198
NE Norfolk	98	59	76	+4	.32	---	---	---
Sioux City	96	56	75	+2	.37	---	---	---
Concord	---	---	---	---	---	1823	1975	2268
Elgin	---	---	---	---	---	1797	1946	2216
West Point	---	---	---	---	---	1912	2078	2332
CEN Grand Island	96	57	75	+1	.26	---	---	---
Ord	95	60	74	---	0	1784	1938	2227
Kearney	---	---	---	---	---	1833	1989	2335
Wood River	---	---	---	---	---	1851	2008	2423
EC Lincoln	96	56	77	+2	.44	2126	2305	2508
Omaha	95	56	78	+4	.93	---	---	---
Central City	---	---	---	---	---	1865	2026	2434
Mead	---	---	---	---	---	2019	2192	2419
Rising City	---	---	---	---	---	1918	2081	2381
SW Imperial	---	---	---	---	---	---	---	---
North Platte	99	56	76	+4	.23	1690	1851	2152
McCook	---	---	---	---	---	1845	2013	2361
SC Holdrege	---	---	---	---	---	1847	2006	2342
Red Cloud	---	---	---	---	---	1966	2138	2393
SE Beatrice	---	---	---	---	---	2020	2186	2424
Clay Center	---	---	---	---	---	1881	2044	2380

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