

NEBRASKA WEATHER & CROPS

Run 1800
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For Week Ending August 29, 1993

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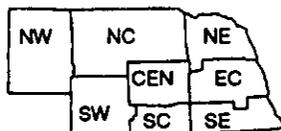
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National Agricultural Statistics Service
U.S. Department of Agriculture
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National Oceanic and Atmospheric Admn.
National Weather Service



Nebraska Department of Agriculture
Division of Agr'l Statistics
Cooperative Extension Service
Institute of Agriculture
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WEATHER

Temperatures for the week averaged from near normal in the west to five degrees above normal in the east. Scattered precipitation occurred with only trace amounts in the west, up to two and one-half inches in the east central. Some heavy rains over the weekend caused more lowland flooding in southern and eastern areas.

GENERAL

Continued warmer temperatures and scattered rainfall this past week proved beneficial to developing crops and fieldwork activities, according to the Nebraska Agricultural Statistics Service. Producers continued to actively move old crop grain to elevators making room for new crop. Other producer activities included putting up hay, walking beans, and preparing seedbeds for fall seeded crops. Sunny, warmer weather conditions last week helped keep crop development at a normal pace, although overall, crops remain ten days to two weeks behind normal. Last week's hail storm in the Panhandle saw damage ranging from minor to complete field loss locally for corn, dry beans, and sugar beets.

CROPS

All corn condition was rated at 1% poor, 16% fair, 72% good, and 11% excellent. Dryland fields were rated at 83% good and excellent. Irrigated fields also rated 83% good and excellent. Current crop development remained

CROPS (Cont.)

about ten days behind normal. Silage harvest has begun with acreage cut mainly consisting of weather-damaged fields.

Soybean condition was rated at 15% fair, 70% good, and 15% excellent. As of Sunday, pod set was only about two days behind normal.

Sorghum condition was rated at 11% poor, 35% fair, 51% good, and 3% excellent. Current growing conditions have permitted the crop to draw within three days of the normal progression for heading. Acreage turning color remained about two weeks behind normal.

Dry bean condition was rated at 30% fair and 70% good. As of Sunday, virtually all of the crop had set pods with 36% of the acreage having leaves turning color. Limited harvest of early crop was underway.

Alfalfa condition was rated at 2% poor, 13% fair, 77% good, and 8% excellent. Third cutting activities progressed to 43% complete, compared with 60% last year. Wild hay condition was rated at 4% fair, 74% good, and 22% excellent. Haying continued active although some hay meadows remained too wet to harvest the crop to date.

LIVESTOCK

Pasture and range condition was rated at 102% of normal and compares with 99% of normal last year at this time. Pastures continued to provide adequate grazing for livestock in most areas. Areas where pasture-damaging storms occurred have required some supplemental feeding.

FIELD WORK PROGRESS AS OF AUGUST 29, 1993	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% corn dough stage	44	66	64	58	76	79	83	92	72	51	83	92
% corn dented	1	16	16	20	23	15	27	42	22	7	28	54
% sorghum headed	81	87	100	96	94	97	100	90	93	79	94	96
% sorghum turning color	0	7	9	7	9	11	21	6	9	3	16	41
% soybeans setting pods	0	73	100	73	91	100	91	100	95	78	94	96
% dry beans podded	100	80	100	100	0	98	100	0	99	88	n/a	n/a
% dry beans turning	30	60	77	0	0	50	100	0	36	0	n/a	n/a
% alfalfa third cutting	25	24	30	60	46	72	83	57	43	30	60	n/a
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF AUGUST 27, 1993												
Days suitable	5.7	6.0	6.7	6.3	6.6	3.8	5.0	4.1	5.7	4.8	3.6	
Topsoil moisture - Short	7	0	5	14	53	14	0	19	16	13	6	
(Percent) - Adequate	93	100	95	86	47	72	50	81	78	77	76	
- Surplus	0	0	0	0	0	14	50	0	6	10	18	
Subsoil moisture - Short	0	0	0	0	0	0	0	6	1	0	1	
(Percent) - Adequate	100	93	85	100	95	87	60	88	89	90	94	
- Surplus	0	7	15	0	5	13	40	6	10	10	5	

n/a - not available.

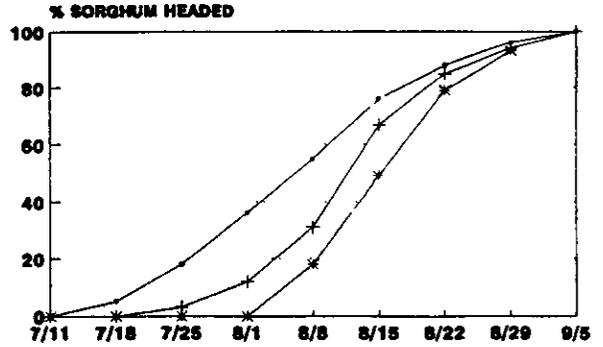
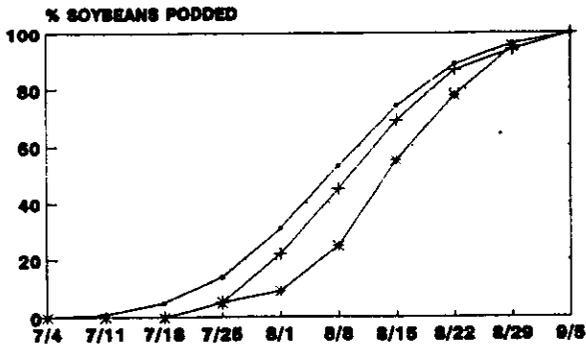
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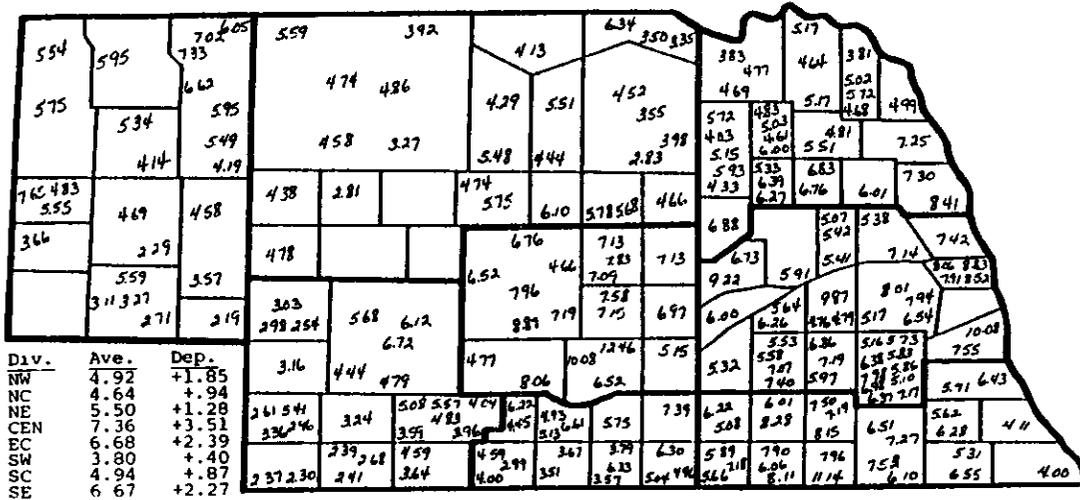
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PROGRESS AS OF SUNDAY

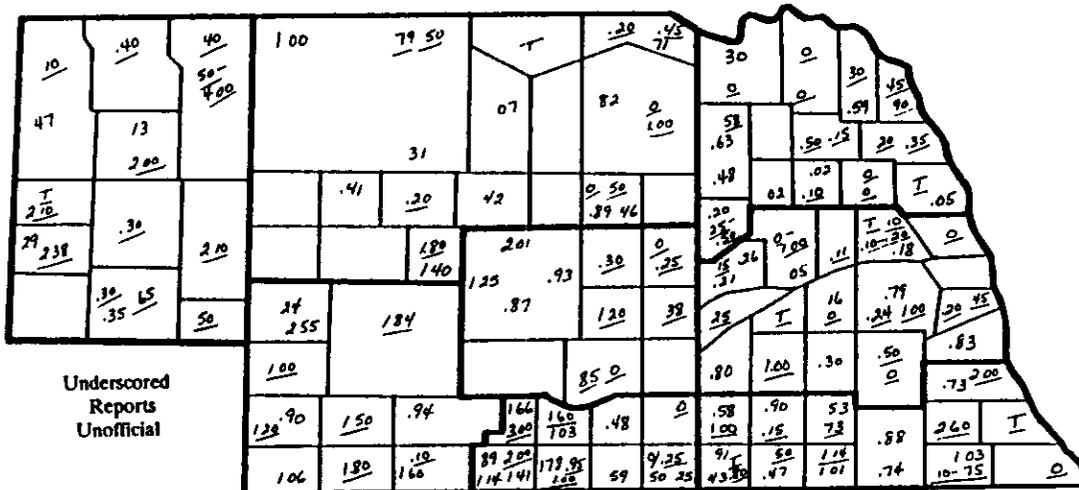
PROGRESS AS OF SUNDAY

PRECIPITATION MAP FOR MONTH OF JUNE 1993 1/



1/ Courtesy of the Department of Agricultural Meteorology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln.

PRECIPITATION MAP FOR WEEK ENDING FRIDAY, AUGUST 27, 1993



PRECIPITATION, APRIL 1 - AUGUST 27, 1993

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	.31	.59	.30	1.27	.40	1.22	.97	.75
Total since April 1	12.53	20.09	24.12	24.45	27.55	19.13	26.06	30.63
Normal since April 1	11.67	14.28	16.42	15.42	17.52	13.04	15.56	18.27
Total as % of normal	107%	141%	147%	159%	157%	147%	167%	168%

TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA, WEEK ENDING SUNDAY, AUGUST 29, 1993

Station	Temperature				Precipitation Total Inches 1/	Growing Degree Day Since April 15		
	Extremes		Mean	Departure		Last Week	Current	Normal
	Max	Min						
NW	93	52	69	0	01	---	---	---
Chadron	93	52	69	0	01	---	---	---
Scottsbluff	94	51	70	---	0	1835	1958	2075
Sidney	94	51	70	---	0	---	---	---
NC	98	52	72	+3	69	---	---	---
Valentine	98	52	72	+3	69	---	---	---
NE	91	61	74	+4	1.70	---	---	---
Norfolk	91	61	74	+4	1.70	---	---	---
Sioux City	91	61	75	+5	.36	---	---	---
Concord	---	---	---	---	---	---	---	---
Elgin	---	---	---	---	---	---	---	---
West Point*	---	---	---	---	---	2007	2156	2442
CEN	93	64	75	+4	51	---	---	---
Grand Island	93	64	75	+4	51	---	---	---
Ord	91	60	72	---	0	2025	2177	2400
EC	94	64	77	+5	2.37	---	---	---
Lincoln	94	64	77	+5	2.37	---	---	---
Omaha	92	64	76	+4	2.60	---	---	---
SW	93	56	72	---	---	---	---	---
Imperial	93	56	72	---	---	---	---	---
North Platte	90	56	71	+	T	**1917	**2058	**2329
SC	---	---	---	---	---	2181	2341	2533
Holdrege	---	---	---	---	---	2181	2341	2533
SE	---	---	---	---	---	2352	2530	2626
Beatrice	---	---	---	---	---	2352	2530	2626
Clay Center	---	---	---	---	---	2209	2377	2581

1/ Precipitation totals not included in map above * Automated weather station. ** North Platte Experiment Station.

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 is 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.