

NEBRASKA WEATHER & CROPS



For Week Ending July 2, 1995

Issue: 16-95

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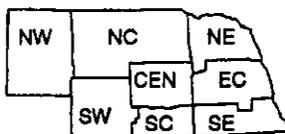
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Nebraska Department of Agriculture
Division of Agr'l. Statistics
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WEATHER

The entire State experienced below normal temperatures for the past week. Temperatures averaged from 3 to 4 degrees below normal in the west to around 10 degrees below normal in the east. Rainfall amounts varied widely as they ranged from less than a quarter of an inch at most places in the west and north to around one third of an inch in the central and over an inch in the southeast.

GENERAL

Statewide, crops need moisture for continued good growth, according to the Nebraska Agricultural Statistics Service. However, drier conditions allowed farmers and ranchers to conduct fieldwork activities nearly every day last week. In many areas irrigation systems were pumping water onto crops. Light rainfall received in a few areas reduced some crusting problems last week. Other fieldwork activities included applying fertilizer, spraying herbicides, cultivating and alfalfa harvesting.

CROPS

Corn condition declined last week to 50% good to excellent, 44% fair, and 6% poor to very poor. Irrigation systems were in use where needed. Cultivating and spraying for weed control continued. Crop growth varies with earlier plantings generally reaching knee high or better.

Soybean condition declined last week to 43% good to excellent, 52% fair and 5% poor. Plant emergence was rated at 99%. This compares to 100% last year and the

CROPS (Cont.)

five-year average. Some soybean producers were replanting the crop last week due to lack of rainfall for proper germination on earlier planted seed.

Sorghum condition was rated 39% good to excellent, 57% fair, and 4% poor. Producers were cultivating for weed control.

Winter wheat condition declined to 64% good to excellent, 23% fair, and 13% poor to very poor. The crop was coloring almost two weeks behind normal with 74% turned color as of Sunday. The crop was also beginning to ripen, about 14 days behind normal. South central and southeastern counties continued to report fields with disease infection and yield reductions possible.

Dry bean emergence was 98% complete as of Sunday. Last year at this time, 100% had emerged. Due to later plantings, crop growth was running behind normal.

Alfalfa condition was rated in good to fair condition. Second cuttings have begun in the eastern and southern parts of the State. Wild hay condition was rated mostly good.

PASTURE & RANGE

Pasture and range condition rated mostly good to excellent. Pastures continued to provide excellent grazing for cattle. Eastern pastures would benefit from a good rain.

FIELD WORK PROGRESS AS OF JULY 2, 1995	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% Wheat Turning	32	88	63	96	100	100	100	100	74	43	99	94
% Wheat Ripe	0	0	0	2	1	0	2	25	3	0	75	43
% Sorghum Emerged	0	100	100	81	97	90	95	100	97	78	100	100
% Soybeans Emerged	0	100	100	96	99	100	100	99	99	88	100	100
% Alfalfa First Cutting	90	97	100	100	100	100	100	100	98	92	100	99
% Alfalfa Second Cutting	2	0	3	0	3	0	6	2	2	0	32	16
% Dry Beans Planted	100	100	100	100	0	100	0	0	99	99	100	n/a
% Dry Beans Emerged	100	100	100	100	0	96	0	0	98	59	100	n/a
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF JUNE 30, 1995												
Days suitable	5.5	5.9	6.2	6.5	6.7	5.3	6.8	5.6	6.1	6.5	6.5	
Topsoil moisture - Very Short	0	0	5	0	17	0	9	17	6	6	0	
(Percent) - Short	6	25	54	58	59	14	71	23	39	38	56	
- Adequate	82	75	40	42	24	73	20	60	52	54	44	
- Surplus	12	0	1	0	0	13	0	0	3	2	0	
Subsoil moisture - Very Short	0	0	0	0	0	0	0	1	0	0	0	
(Percent) - Short	0	1	3	0	11	5	1	6	4	3	26	
- Adequate	88	82	94	86	84	66	99	91	86	56	73	
- Surplus	12	17	3	14	5	29	0	2	10	44	1	

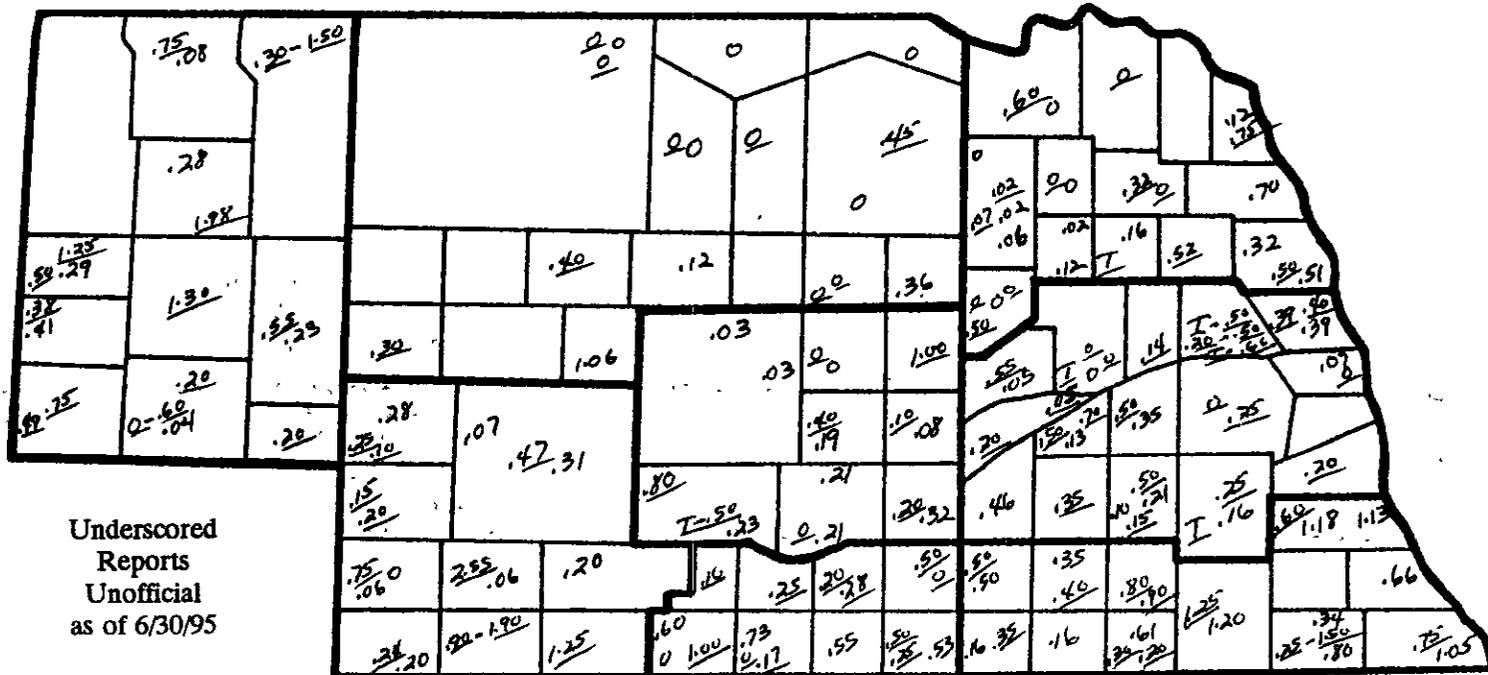
n/a = not available.

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PRECIPITATION MAP FOR WEEK ENDING SUNDAY, JULY 2, 1995



PRECIPITATION, APRIL 1 - JULY 2, 1995

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week22	.19	.11	.14	.19	.15	.48	.68
Total since April 1	12.46	14.26	12.83	14.18	12.82	12.67	14.23	15.31
Normal since April 1	7.94	9.23	10.68	10.32	11.40	8.76	10.06	11.24

TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA, WEEK ENDING SUNDAY, JULY 2, 1995

Station	Temperature				Precipitation	Growing Degree Data Since April 15		
	Extremes		Mean	Departure	Total Inches	Last Week	Current	Normal
	Max	Min						
NW	Chadron	83	39	61	---	.08	---	---
	Scottsbluff	90	47	69	-3	.29	554	646
	Sidney	88	44	66	---	.04	516	597
NC	Valentine	82	40	61	-10	0	---	---
	Arthur	---	---	---	---	---	579	659
	O'Neill	---	---	---	---	---	677	771
NE	Norfolk	86	44	65	-8	.02	---	---
	Sioux City	83	44	64	-10	.12	---	---
	Concord	---	---	---	---	---	731	840
	Elgin	---	---	---	---	---	701	808
	West Point	---	---	---	---	---	772	892
CEN	Grand Island	86	47	67	-8	.32	---	---
	Ord	86	43	65	---	0	690	793
	Kearney	---	---	---	---	---	721	822
	Wood River	---	---	---	---	---	743	850
EC	Lincoln	87	45	66	-10	.16	861	998
	Omaha	87	48	68	-7	.07	---	---
	Central City	---	---	---	---	---	759	867
	Mead	---	---	---	---	---	833	953
	Rising City	---	---	---	---	---	769	888
SW	Imperial	90	45	68	---	0	---	---
	North Platte	87	46	68	-4	.31	677	766
	McCook	---	---	---	---	---	745	848
SC	Holdrege	---	---	---	---	---	745	847
	Red Cloud	---	---	---	---	---	787	901
SE	Beatrice	---	---	---	---	---	816	940
	Clay Center	---	---	---	---	---	752	868

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.