NEBRASKA
WEATHER & CROPS

For Week Ending June 5, 1994

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National Oceanic and Atmospheric Admn.
National Weather Service

NEBRASKA AGRICULTURAL STATISTICS SERVICE

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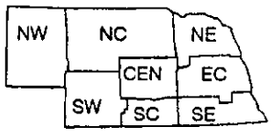

WEATHER

Temperatures for the week averaged from one degree to six degrees above normals. Precipitation varied greatly from .10 inch in the southwest up to 3.4 inches in the east central.

GENERAL

Rainfall this past week, although scattered and locally heavy in the east, brought welcomed relief to stressed crops and grasslands, according to the Nebraska Agricultural Statistics Service. Concerns still exist in many areas about the lack of spring rainfall and it's consequences to row crop growth, herbicide activation, wheat yields, and grass growth. Producer activities included cultivating and spraying for weeds, harvesting hay, planting dry beans and millet, and limited irrigating. Rains this past weekend should further help crops and pastures in eastern Nebraska.

CROPS

Winter wheat condition was rated at 3% very poor, 16% poor, 52% fair, 27% good and 2% excellent, a decrease from the previous week. Any improvements to be gained from the recent rains have yet to be evaluated. Heading was rated at 95% complete, well ahead of last year at 66% and the 5-year average at 86%. The crop continued to show signs of stress with yield reduction in some fields. Coloring was most advanced in southern fields hurt by dry weather.

Corn condition was rated at 18% fair, 78% good, and 4% excellent. In many cases, pre-emergence herbicide failed to be fully activated as evidenced by grassy and weedy conditions in fields. Mechanical and chemical weed control activities were active. Some pivot irrigation systems were being used to assist the crop while gravity systems were not used yet due to plant size.

Soybean planting was virtually complete at week's end. Crop condition was rated at 18% fair, 78% good, and 4% excellent Some replanting of hailed soybeans occurred last week.

Sorghum planting was nearly complete as of Sunday. Crop condition was rated at 17% fair, 81% good, and 2% excellent.

Dry bean planting made excellent progress last week and was 57% complete. This compares with 35% last year. To date, 20% has emerged.

Alfalfa condition was rated at 3% poor, 41% fair, 55% good, and 1% excellent. The first cutting activities were 58% complete and compares with 27% last year and 36% for the average. Some downed hay was rained on last week. Wild hay condition was rated at 8% poor, 39% fair, and 53% good.

LIVESTOCK

Pasture and range condition was rated at 91% of normal and compares with 101% last year. Lack of moisture continued to stress western and southern pastures although current growth still supports grazing cattle. Recent rains should benefit eastern grazing potential.

FIELD WORK PROGRESS AS OF JUNE 5, 1994	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER-AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% corn emerged	90	100	100	100	100	100	100	100	100	96	79	92
% sorghum planted	0	90	99	100	92	98	99	97	95	86	62	79
% sorghum emerged	0	55	81	91	82	77	65	77	76	36	27	51
% soybeans planted	0	100	100	100	100	100	100	100	100	97	64	83
% soybeans emerged	0	86	85	98	88	70	88	92	89	56	31	55
% alfalfa first cutting	17	33	60	69	77	63	87	85	58	21	27	36
% wheat headed	87	100	93	100	99	100	100	100	95	64	66	86
% wheat turning	9	13	0	4	0	13	16	1	9	0	1	6
% dry beans planted	45	60	100	40	0	85	88	0	57	31	35	n/a
% dry beans emerged	16	40	100	30	0	27	64	0	20	9	7	n/a
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF JUNE 3, 1994												
Days suitable	5 7	5.5	3.5	6.7	4.3	6.7	6 3	4 8	5 1	6 5	3 1	
Topsoil moisture - Short	67	100	25	87	33	90	100	46	63	79	0	
(Percent) - Adequate	33	0	75	13	62	10	0	46	35	18	49	
- Surplus	0	0	0	0	5	0	0	8	2	3	51	
Subsoil moisture - Short	33	50	5	38	10	44	0	0	20	11	0	
(Percent) - Adequate	67	50	95	62	90	56	100	100	80	87	68	
- Surplus	0	0	0	0	0	0	0	0	0	2	32	

n/a = not available.

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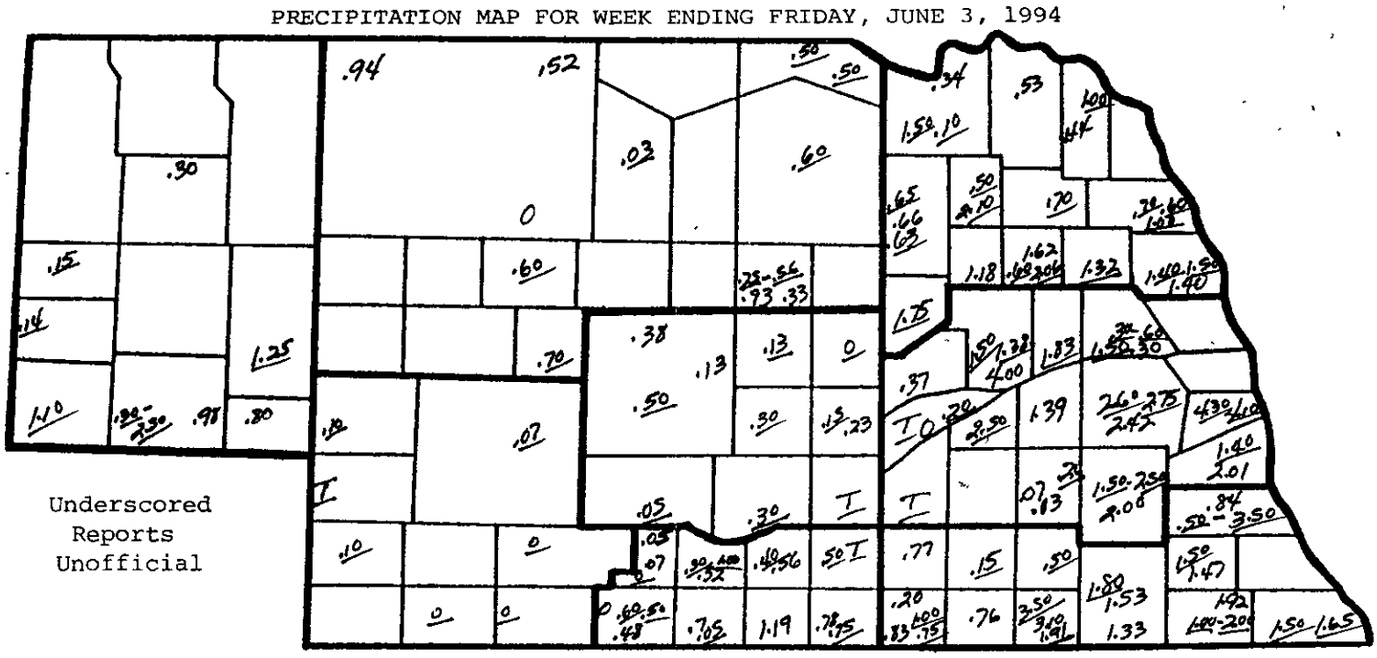
PRECIPITATION MAP FOR WEEK ENDING FRIDAY, JUNE 3, 1994



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PRECIPITATION, APRIL 1 - JUNE 3, 1994

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	.43	.55	1.00	.19	.90	.00	.46	1.28
Total since April 1	2.81	3.34	4.50	4.50	4.78	2.61	4.29	6.52
Normal since April 1	5.13	5.88	6.75	6.39	7.26	5.30	6.15	7.19
Total as % of normal	55%	57%	67%	70%	66%	49%	70%	91%

TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA, WEEK ENDING SUNDAY, JUNE 5, 1994

	Station	Temperature				Precipitation	Growing Degree Data Since April 15		
		Extremes		Mean	Departure	Total Inches 1/	Last Week	Current	Normal
		Max	Min						
NW	Chadron	91	43	67	---	.42	---	---	---
	Scottsbluff	93	50	69	+6	.19	574	699	499
	Sidney	96	47	67	---	.31	517	628	450
NC	Valentine	89	43	65	+1	.94	---	---	---
	Arthur	---	---	---	---	---	525	638	441
	O'Neill	---	---	---	---	---	522	632	518
NE	Norfolk	92	46	68	+1	1.04	---	---	---
	Sioux City	93	49	68	+1	1.40	---	---	---
	Concord	---	---	---	---	---	541	657	556
	Elgin	---	---	---	---	---	547	658	516
	West Point	---	---	---	---	---	583	704	560
CEN	Grand Island	99	49	70	+3	.06	---	---	---
	Ord	90	50	69	---	0	558	676	542
	Wood River	---	---	---	---	---	566	702	591
EC	Lincoln	96	55	69	+1	2.23	618	748	620
	Omaha	94	50	69	+1	3.40	---	--	---
	Central City	---	---	---	---	---	597	723	619
	Mead	---	---	---	---	---	586	709	607
	Rising City	---	---	---	---	---	573	691	607
SW	Imperial	95	55	71	---	.10	---	---	---
	North Platte	95	50	69	+5	.07	550	679	524
	McCook	---	---	---	---	---	592	732	595
SC	Holdrege	---	---	---	---	---	569	710	579
	Red Cloud	---	---	---	---	---	575	716	620
SE	Beatrice	---	---	---	---	---	589	722	609
	Clay Center	---	---	---	---	---	574	712	588

1/ Precipitation totals not included in map above.

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.