

NEBRASKA WEATHER & CROPS

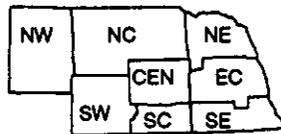
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For Week Ending June 13, 1993

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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

Near normal temperatures were reported in the northeast while temperatures in the south and west were one to three degrees below normal. Rainfall was quite variable ranging from less than a tenth of an inch in the north central to three and a third inches in the east central.

GENERAL

Fieldwork activities progressed well despite early week rainfall and severe weather, according to the Nebraska Agricultural Statistics Service. Severe weather early last week came to the Panhandle and areas through central Nebraska in the form of hail, tornadoes, and damaging winds. Damage ranged from limited crop damage to damage of center pivot systems to destroyed buildings. Erosion was not reported as a serious problem in areas receiving rainfall. The cooler temperatures had slowed crop emergence and growth, but warmer days and sunshine have brought improved color and growth to some fields. Farm-stored grain continued to require monitoring.

CROPS

Winter wheat condition was rated at 13% fair, 72% good, and 15% excellent. Heading progressed well last week with 96% headed out as of Sunday. This was about two days behind normal at 98%. The crop was turning color at a rate about a week and a half behind normal. About 3% had colored by week's end. Sunny, warmer days continue to be needed.

Corn condition was rated at 12% fair, 84% good, and 4% excellent. Nearly all corn has emerged to date.

CROPS (Cont.)

Some fields too wet to have been planted to corn may be switched to soybeans, grain sorghum, or remain idle this year. Cultivation and rotary hoe activities were underway in most areas.

Soybean condition was rated at 10% fair, 89% good, and 1% excellent. Planting activities made excellent progress last week despite less than perfect conditions. Ninety percent had been planted by week's end, compared with 100% last year and 97% for the 5-year average.

Sorghum condition was rated at 19% fair and 81% good. Planting progress also was rapid with 84% complete to date. This compares with 99% last year and 96% for the 5-year average. Forage sorghum plantings continued.

Dry bean planting reached 63% complete at week's end. Planting delays have occurred due to wet soil conditions in some areas. Last year at this time, 71% had been planted.

Alfalfa condition was rated at 10% fair, 68% good, and 22% excellent. First cuttings progressed to 58% harvested and compared with 80% last year and 69% average. Continued scattered rainfall has caught several producers with hay down and not baled. Wild hay condition was rated at 5% fair, 60% good, and 35% excellent.

LIVESTOCK

Pasture and range condition was rated at 99% of normal and compares with 80% of normal last year at this time. Grass growth was providing excellent grazing for cattle. Some calf health problems persist from cool, wet conditions and previous muddy conditions.

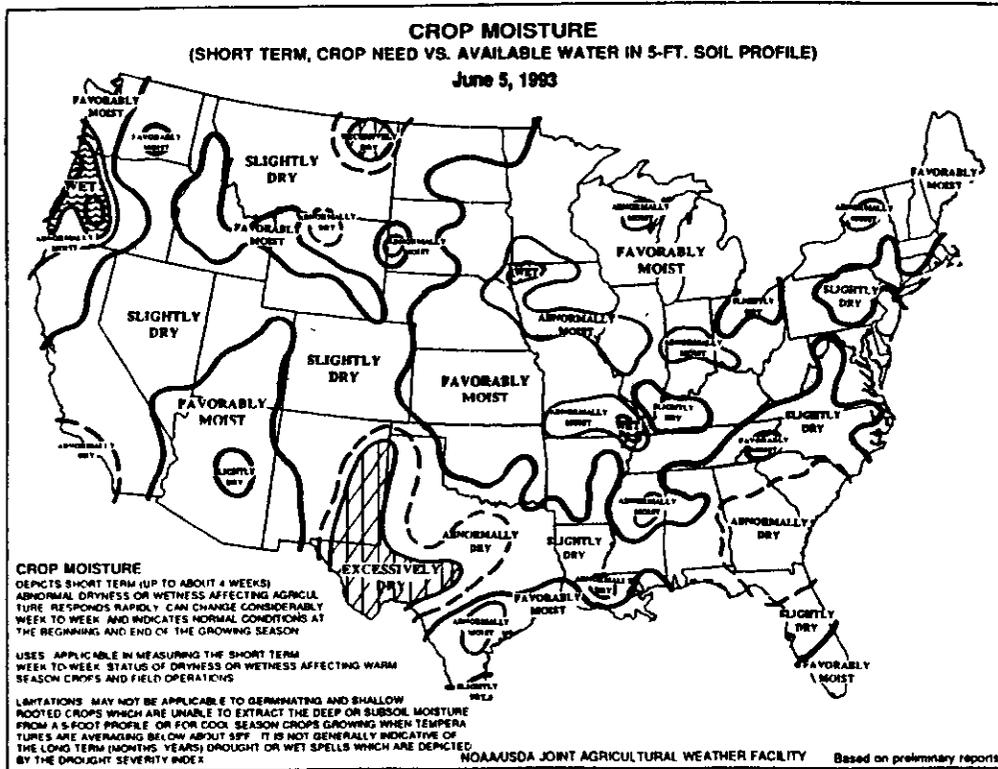
FIELD WORK PROGRESS AS OF JUNE 13, 1993	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% wheat headed	93	93	100	65	97	99	100	100	96	72	100	98
% wheat turning	0	12	6	0	1	5	8	3	3	0	27	32
% corn emerged	100	100	95	99	93	100	99	89	96	83	100	99
% sorghum planted	94	100	74	93	82	94	96	80	84	67	99	96
% sorghum emerged	92	78	36	78	56	50	74	52	57	28	89	83
% soybeans planted	0	100	93	98	88	86	99	83	90	68	100	97
% soybeans emerged	0	92	54	87	62	53	84	60	62	33	95	87
% dry beans planted	57	60	40	0	0	84	36	0	63	35	71	n/a
% dry beans emerged	22	42	0	0	0	24	36	0	22	7	24	n/a
% alfalfa first cutting	37	52	44	70	65	76	83	73	58	27	80	69
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF JUNE 11, 1993												
Days suitable	43	65	54	55	48	50	62	46	51	31	35	
Topsoil moisture - Short	0	7	0	0	0	25	0	0	3	0	16	
(Percent) - Adequate	75	86	76	100	79	62	100	100	84	49	74	
- Surplus	25	7	24	0	21	13	0	0	13	51	10	
Subsoil moisture - Short	0	0	0	0	0	0	0	0	0	0	24	
(Percent) - Adequate	100	93	76	100	71	86	90	41	78	68	75	
- Surplus	0	7	24	0	29	14	10	59	22	32	1	

n/a - not available.

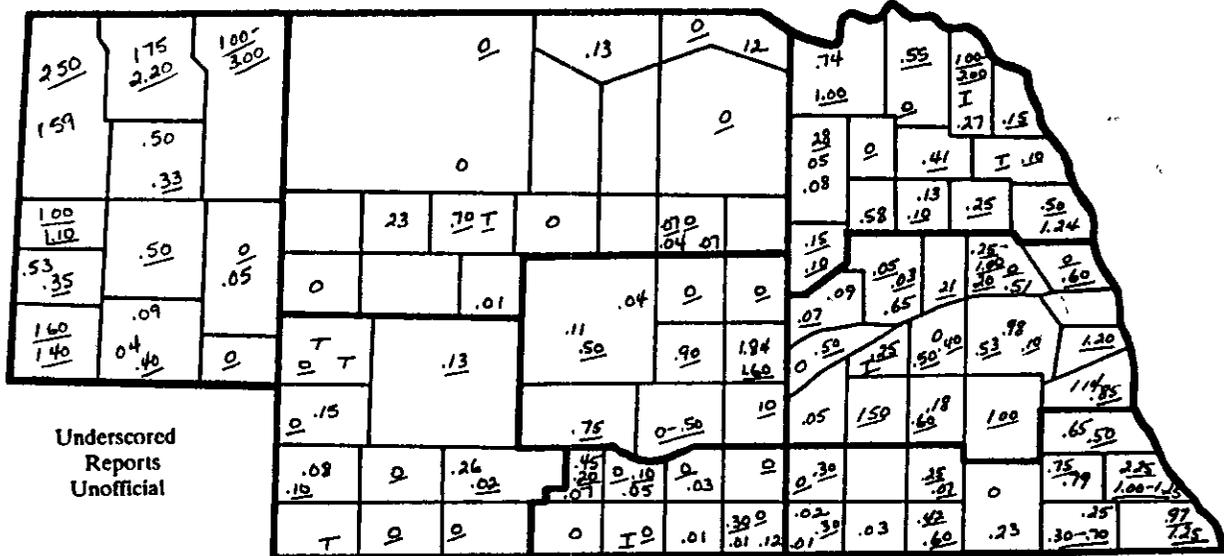
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PRECIPITATION MAP FOR WEEK ENDING FRIDAY, JUNE 11, 1993



PRECIPITATION, APRIL 1 - JUNE 11, 1993

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	.65	.07	.44	.66	.40	.08	.09	.25
Total since April 1	5.33	7.42	9.26	7.89	9.45	6.01	5.53	8.52
Normal since April 1	5.93	6.84	7.87	7.42	8.38	6.18	7.19	8.31

**TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA,
WEEK ENDING SUNDAY, JUNE 13, 1993**

Station	Temperature				Precipitation Total Inches 1/	Growing Degree Data Since April 15		
	Extremes		Mean	Departure		Last Week	Current	Normal
	Max	Min						
NW	Chadron	83	45	61	---	---	---	---
	Scottsbluff	85	43	62	-.32	543	638	605
	Sidney	87	47	64	---	478	574	614
NC	Valentine	87	46	66	0	502	615	598
NE	Norfolk	88	51	69	0	1.00	---	---
	Sioux City	87	51	70	+1	.50	---	---
	Concord	---	---	---	---	462	590	733
	Elgin	---	---	---	---	444	561	693
	West Point*	---	---	---	---	496	627	756
CEN	Grand Island	86	50	69	-1	.51	528	663
	Ord	86	50	68	---	00	478	594
EC	Lincoln	86	48	69	-2	1.14	549	690
	Omaha	85	58	72	-1	3.37	532	690
	Columbus	---	---	---	---	---	512	644
	York	---	---	---	---	---	510	648
SW	Imperial	---	---	---	---	---	---	---
	North Platte	83	43	65	-1	.86	**515	**625
SC	Holdrege	---	---	---	---	---	546	660
SE	Beatrice	---	---	---	---	---	546	690
	Clay Center	---	---	---	---	---	515	637

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 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.