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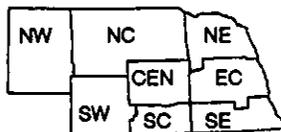
NEBRASKA WEATHER & CROPS



For Week Ending April 25, 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

Temperatures across the State averaged around two degrees below normals. Precipitation varied across the State from around a tenth of an inch in the west up to almost two inches in the northeast.

GENERAL

Soil and weather conditions last week allowed some spring fieldwork activities, according to the Nebraska Agricultural Statistics Service. Although some producers were able to apply fertilizer, perform some tillage operations, and do some planting, some others found soil conditions entirely too soft to get equipment back out of the field. Other producer activities included acquiring spring planting supplies, monitoring and working with farm-stored grain, livestock care, and routine chores.

CROPS

Winter wheat condition was rated at 17% fair, 72% good, and 11% excellent. Cool conditions continued to hinder plant growth. At week's end, 8% had reached the jointing stage. This compares with 29% last year at this time and 20% for the five-year average. Instances of soil-borne mosaic have been observed in a few fields in southeast and east central areas.

Oat planting made progress last week with 15% sown to date. Last year and the five-year average were at

CROPS (Cont.)

92% complete. Some intended acres may not be planted to oats this spring.

Harvest of last fall's unharvested corn made progress again last week. Wet fields still hindered some harvest operations but intentions for harvesting remains high. Planting activities made a start in several areas, but overall remained below 1% complete statewide. Last year at this time and the five-year average were at 11% complete.

Sugar beet planting activities made good progress last week where soil conditions permitted. Planting progressed to about three-fourths complete in the major sugar beet counties.

LIVESTOCK

Pasture and range condition was rated at 97% of normal and compares with 90% of normal last year at this time. Spring calving progressed to 86% complete. Calf loss during this spring calving season was rated at "above normal losses" by most of the reports received. Losses were attributed to cold weather early and cool, damp conditions later, coupled with muddy surface conditions. Some producers experienced heavy losses while others had minimal problems. Cattle being moved to pastures continue to require supplemental feed. Pastures were "greening up," but still need warmer, drying weather conditions to bring good spring grass growth.

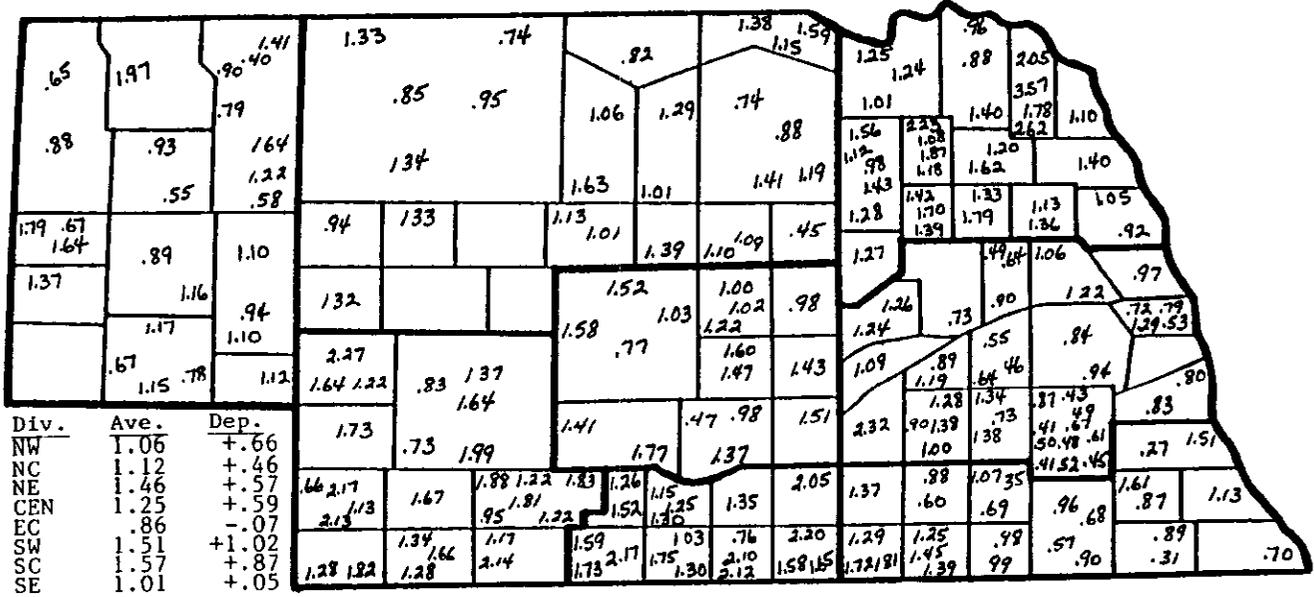
FIELD WORK PROGRESS AS OF APRIL 25, 1993	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% wheat jointed	0	4	0	2	8	23	2	4	8	0	29	20
% oats sown	36	15	13	14	2	22	27	30	15	4	92	92
WINTER REPORTING AS OF APRIL 23, 1993												
% cows calved since January 1	94	87	78	92	82	95	92	87	86	82	92	
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF APRIL 23, 1993												
Days suitable	4.4	2.8	1.7	2.9	1.0	2.5	2.6	1.3	2.2	0.8	3.3	
Topsoil moisture - Short	0	0	0	0	0	0	0	0	0	0	14	
(Percent) - Adequate	100	80	38	39	5	75	73	50	53	40	68	
- Surplus	0	20	62	61	95	25	27	50	47	60	18	
Subsoil moisture - Short	0	0	0	0	0	0	0	0	0	0	9	
(Percent) - Adequate	100	93	54	54	52	87	73	50	67	68	90	
- Surplus	0	7	46	46	48	13	27	50	33	32	1	

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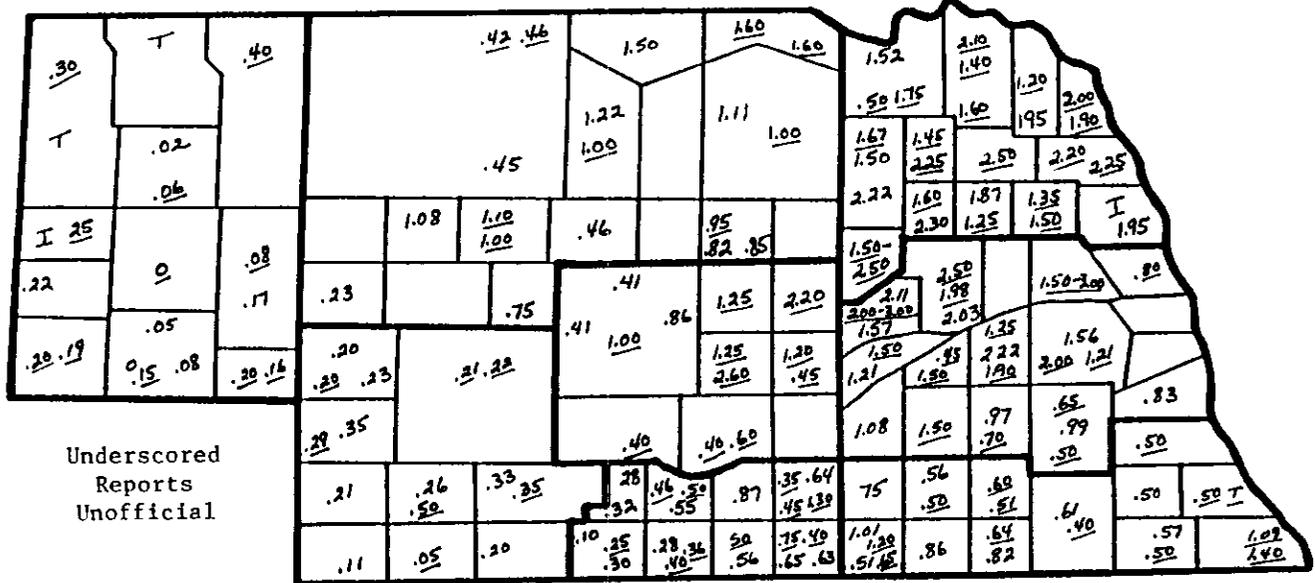
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PRECIPITATION MAP FOR MONTH OF FEBRUARY 1993 1/



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, APRIL 23, 1993



PRECIPITATION, APRIL 1 - APRIL 23, 1993

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	.07	.85	1.90	.56	1.46	.24	.47	.69
Total since April 1	1.38	2.34	3.49	1.90	3.17	1.04	1.40	2.38
Normal since April 1	1.28	1.62	1.84	1.83	2.08	1.35	1.61	2.07

TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA, WEEK ENDING SUNDAY, APRIL 25, 1993

Station	Temperature				Precipitation Total Inches 1/	Growing Degree Data Since April 15		
	Extremes		Mean	Departure		Last Week	Current	Normal
	Max	Min						
NW Chadron	74	23	47	---	.03	---	---	---
Scottsbluff	74	22	46	-3	.08	27	48	59
Sidney	72	27	48	---	.11	22	55	64
NC Valentine	76	24	47	-2	.46	14	64	55
NE Norfolk	74	33	51	-2	1.46	---	---	---
Sioux City	75	34	51	-2	1.99	---	---	---
Concord	---	---	---	---	---	22	63	74
Elgin	---	---	---	---	---	22	59	69
West Point*	---	---	---	---	---	21	62	77
CEN Grand Island	76	33	52	-1	1.11	26	63	71
Ord	80	31	52	---	1.05	24	69	78
EC Lincoln	74	33	51	-3	.73	24	61	78
Omaha	71	32	52	-2	.78	21	52	68
Columbus	---	---	---	---	---	9	56	72
York	---	---	---	---	---	12	56	79
SW Imperial	75	26	47	---	T	---	---	---
North Platte	76	27	48	-3	.15	**29	**72	**76
SC Holdrege	---	---	---	---	---	29	81	84
SE Beatrice	---	---	---	---	---	28	84	93
Clay Center	---	---	---	---	---	27	73	85

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.