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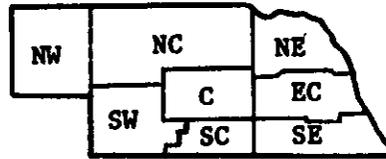
# NEBRASKA WEATHER & CROPS



For Week Ending May 12, 1991

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National Weather Service



Nebraska Department of Agriculture  
Division of Agr'l. Statistics  
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Institute of Agriculture  
and Natural Resources--UNL

## WEATHER

The week was warm and mild. Temperatures averaged four to eight degrees above normals. Only light precipitation occurred during the week with amounts averaging around two-tenths of an inch.

## GENERAL

The main activities of Nebraska farmers and ranchers this past week included livestock care and fieldwork. Rains slowed much fieldwork, but when conditions were favorable, field activities of seedbed preparation and planting were quite active. Warm temperatures over the weekend will aid corn, sugar beet, and pasture development.

## CROPS

Winter wheat condition was rated at 14% poor, 42% fair, 39% good, and 5% excellent. Some fields have reportedly not responded as well to the recent moisture and continue to exhibit a deteriorating condition. Weed control measures continue where needed.

Corn planting got into full swing this past week. Producers were in the fields at every opportunity allowed by field conditions. Statewide, 50% of the acreage has been planted. This compares with 81% last year and 75% for the 5-year average. Some concern has been raised about

## CROPS (Cont.)

the delayed germination and emergence of early planted corn due to cooler weather. Very warm weather over the weekend should aid crop development.

Sugar beet producers are looking for warmer temperatures to ensure good germination of their planted acreage. Reports indicate only a limited amount of replanting will be necessary from the recent freezing temperatures.

Alfalfa producers indicate the presence of clover leaf and alfalfa weevils in a few locations. Condition of the crop was rated at 1% very poor, 4% poor, 37% fair, 52% good, and 6% excellent. Wild hay condition was rated at 1% very poor, 12% poor, 28% fair, 54% good, and 5% excellent.

Soil moisture conditions improved slightly during the week as scattered rains and cooler weather prevailed.

## LIVESTOCK

Pasture and range condition improved to 80% of normal, in the good to excellent category. Cool, cloudy conditions continue to hinder pasture regrowth. Producers in greater numbers were moving cattle to summer pastures last week. With the improved pasture conditions, less and less supplemental feeding was required. Scours continue to trouble calves.

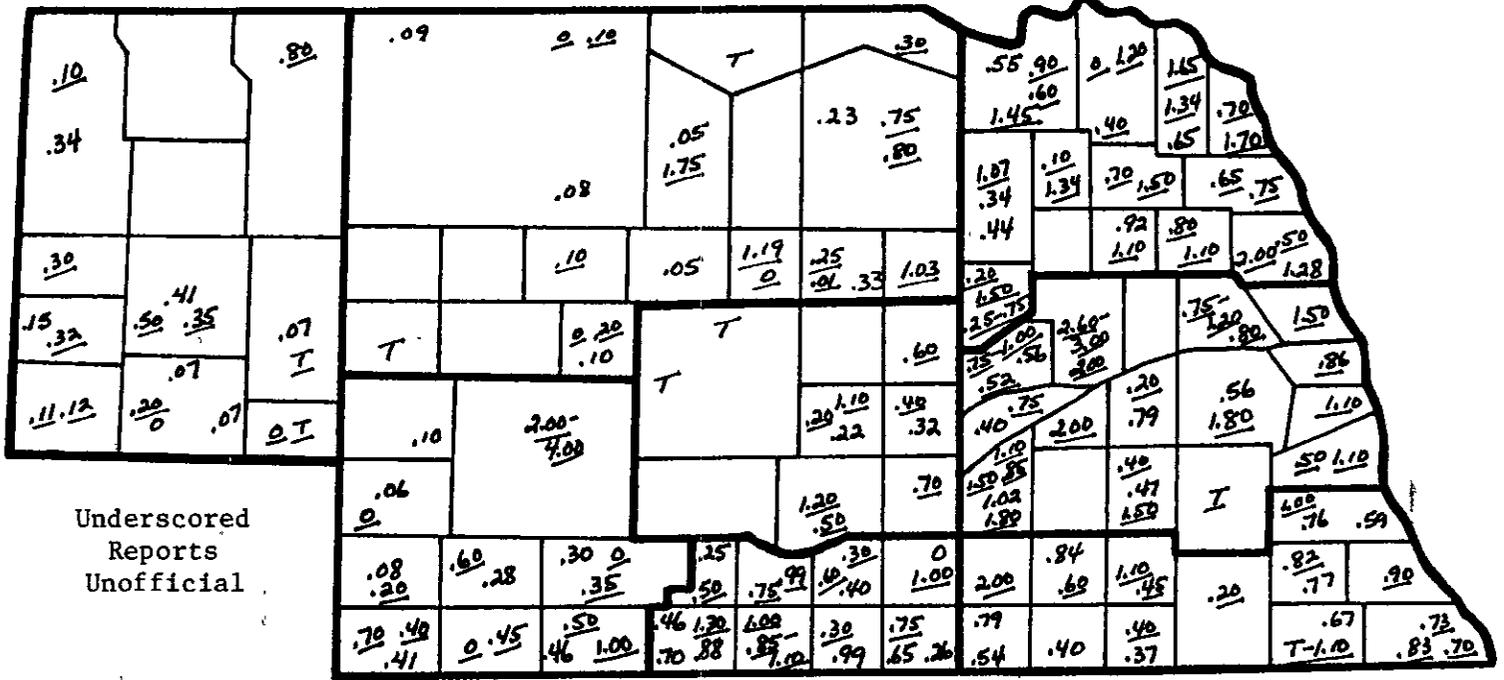
FIELD WORK PROGRESS AS OF MAY 12, 1991	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% wheat jointed	48	61	42	66	58	79	80	85	67	40	93	79
% wheat headed	0	1	0	0	0	1	1	1	0	0	0	7
% corn planted	83	37	29	51	50	35	74	78	50	30	81	75
% corn emerged	4	1	2	4	3	3	7	14	4	0	15	23
% sorghum planted	0	0	5	1	3	1	4	5	4	0	4	10
% soybeans planted	0	0	0	3	6	3	4	7	4	0	9	12
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF MAY 10, 1991												
Days suitable	5.6	5.3	2.5	3.4	2.9	3.4	3.2	2.9	3.6	3.7	4.0	
Topsoil moisture - Short	60	6	0	0	0	0	8	0	9	10	3	
(Percent) - Adequate	40	88	69	100	70	85	92	100	78	74	90	
- Surplus	0	6	31	0	30	15	0	0	13	16	7	
Subsoil moisture - Short	67	47	35	30	26	85	69	39	47	52	85	
(Percent) - Adequate	33	53	65	70	74	15	31	61	53	46	15	
- Surplus	0	0	0	0	0	0	0	0	0	2	0	

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PRECIPITATION MAP FOR WEEK ENDING FRIDAY, MAY 10, 1991



Precipitation, April 1 - May 10, 1991

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week .....	.16	.10	.70	.11	.63	.24	.51	.64
Total since April 1 .....	1.27	3.44	4.45	4.45	4.66	3.52	3.41	3.29
Normal since April 1 .....	2.73	3.21	3.66	3.51	4.08	2.77	3.23	4.04
Total as % of normal .....	47%	107%	122%	127%	114%	127%	106%	81%

TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA,  
WEEK ENDING SUNDAY, MAY 12, 1991

Station	Temperature				Precipitation Total Inches 1/	Growing Degree Data Since April 15 1/		
	Extremes		Mean	Departure		Last Week	Current	Normal
	Max	Min						
NW Chadron	86	25	62	---	.10	---	---	---
Scottsbluff	90	31	63	+8	.30	73	175	199
Sidney	85	30	62	---	0	78	179	208
NC Valentine	88	23	63	+8	.02	82	180	191
NE Norfolk	91	34	64	+6	.11	---	---	---
Sioux City	88	38	63	+4	.71	---	---	---
Concord	---	---	---	---	---	94	184	241
Elgin	---	---	---	---	---	91	186	226
West Point*	---	---	---	---	---	114	221	247
CEN Grand Island	91	32	64	+5	.09	122	214	231
Ord	90	28	63	---	0	98	199	245
EC Lincoln	88	37	66	+6	.03	137	234	250
Omaha	87	38	65	+6	.18	115	207	222
Columbus	---	---	---	---	---	120	207	235
York	---	---	---	---	---	124	215	251
SW Imperial	---	---	---	---	---	---	---	---
North Platte	85	28	63	+7	T	**89	**186	**238
SC Holdrege	---	---	---	---	---	106	214	260
SE Beatrice	---	---	---	---	---	140	261	285
Clay Center	---	---	---	---	---	124	235	264

\* Automated weather station. \*\* North Platte Experiment Station.

1/ The growing degree starting date has been changed to April 15 to reflect more closely the beginning planting date of corn.

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 1.

Growing Degree Day data is furnished by the Department of Agricultural Meteorology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln.