

NEBRASKA WEATHER & CROPS

Run
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For Week Ending April 26, 1992

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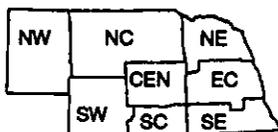
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National Agricultural Statistics Service
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National Oceanic and Atmospheric Admn.
National Weather Service



Nebraska Department of Agriculture
Division of Agr'l. Statistics
Cooperative Extension Service
Institute of Agriculture
and Natural Resources--UN-L

WEATHER

Temperatures for the week averaged from seven degrees below normals in the west to twelve degrees below normals in the east. Precipitation amounts, in the form of rain and snow, varied from a tenth of an inch in the west up to 1.65 inches in the east.

GENERAL

Fieldwork activities were halted over most of the State after last week's spring snow storm, according to the Nebraska Agricultural Statistics Service. Limited seedbed preparations and planting occurred where surface conditions permitted. Livestock care and repairing summer fences were other activities this past week.

CROPS

Winter wheat condition was rated at 2% very poor, 17% poor, 46% fair, and 35% good. Last week's snow storm with temperatures in the 20's over the state has caused concern over the potential damage to the wheat that was well ahead of normal in growth. Most producers are waiting to see how the crop responds to warmer weather and that growth potential before realizing any adverse affects. Weed control activities continued in fields with thin stands.

CROPS (Cont.)

Oat seeding made limited progress last week with 92% sown to date. This completion rate was only slightly ahead of last year at this time and the same as the 5-year average.

Corn planting moved ahead last week where surface conditions allowed. Cool soil temperature as well as wet surface conditions has hindered many producers from a strong start this past week. About 9% of the corn has been planted as of Sunday, ahead of last year at 8% but behind the 5-year average of 13%.

Sugar beet planting is nearing completion. Concerns were expressed about the lack of rainfall as beets planted in dry soil will need some additional moisture. Wind damage has already made it necessary for some replanting.

Alfalfa fields are also being observed for potential damage from last week's storm. Reported condition of the crop was 1% poor, 36% fair, 62% good, and 1% excellent.

LIVESTOCK

Pasture and range condition was rated at 90% of normal. Normal spring growth of pastures continued to be slow due to cold nights during the week and a lack of warmer daytime temperatures. Last week's storm brought only limited calf loss and mostly to newborns. Calving was 92% completed with some producers working calves.

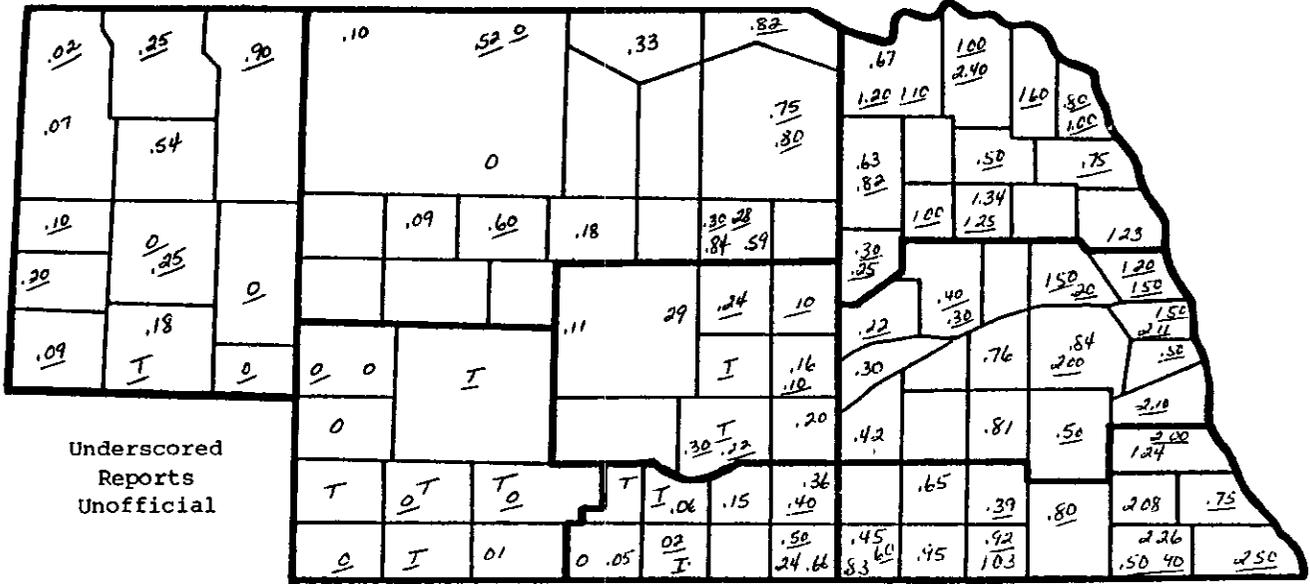
FIELD WORK PROGRESS AS OF APRIL 26, 1992	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% corn planted	5	2	4	25	5	7	20	8	9	3	8	13
% wheat jointed	15	18	3	21	12	39	63	18	28	18	21	24
% oats sown	78	80	95	93	86	100	100	100	92	90	90	92
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF APRIL 24, 1992												
Days suitable	62	4.0	09	3.6	1.3	6.6	5.1	0.9	3.3	5.4	4.8	
Topsoil moisture - Short	33	8	0	33	0	60	0	10	14	14	21	
(Percent) - Adequate	67	92	58	67	65	40	100	60	68	83	75	
- Surplus	0	0	42	0	35	0	0	30	18	3	4	
Subsoil moisture - Short	17	0	0	11	0	0	20	40	9	20	64	
(Percent) - Adequate	83	100	100	89	95	100	80	60	90	78	36	
- Surplus	0	0	0	0	5	0	0	0	1	2	0	

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PRECIPITATION MAP FOR WEEK ENDING FRIDAY, APRIL 24, 1992



PRECIPITATION, APRIL 1 - APRIL 24, 1992

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week26	.24	.97	.19	.63	.01	.19	1.19
Total since April 158	.41	1.13	.42	.91	.04	.36	1.78
Normal since April 1	1.34	1.70	1.92	1.91	2.18	1.41	1.68	2.16

TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA, WEEK ENDING SUNDAY, APRIL 26, 1992

Station	Temperature				Precipitation Total Inches 1/	Growing Degree Data Since April 15		
	Extremes		Mean	Departure		Last Week	Current	Normal
	Max	Min						
NW Chadron	70	20	43	---	.06	---	---	---
Scottsbluff	71	24	45	-4	.07	43	76	68
Sidney	67	21	45	---	.01	31	71	74
NC Valentine	67	21	41	-8	T	24	44	64
NE Norfolk	59	25	40	-12	.36	---	---	---
Sioux City	53	28	39	-14	.59	---	---	---
Concord	---	---	---	---	---	12	13	85
Elgin	---	---	---	---	---	13	26	79
West Point*	---	---	---	---	---	18	25	88
CEN Grand Island	64	25	43	-10	.17	44	67	82
Ord	64	24	42	---	.09	19	43	88
EC Lincoln	61	25	43	-11	1.55	46	68	90
Omaha	58	23	40	-14	1.65	32	41	78
Columbus	---	---	---	---	---	24	38	83
York	---	---	---	---	---	37	58	90
SW Imperial	70	24	46	---	.06	---	---	---
North Platte	68	23	44	-7	T	**23	**62	**86
SC Holdrege	---	---	---	---	---	30	72	95
SE Beatrice	---	---	---	---	---	33	54	105
Clay Center	---	---	---	---	---	28	57	96

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.

Soybeans for Beans

Usual Start of Planting, Principal Areas in the United States

