

NEBRASKA WEATHER & CROPS



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For Week Ending May 14, 2000

Issue: 11-2000

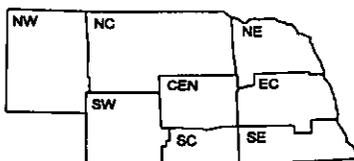
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National Weather Service



Nebraska Department of Agriculture
Division of Agr'l Statistics
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WEATHER

Temperatures for the week averaged five to eleven degrees above normal across the State. Precipitation was generally light but widespread, ranging from a tenth of an inch across much of the eastern third of the State up to 1.7 inches in the upper Panhandle.

GENERAL

Corn planting made excellent progress last week across the State, according to the Nebraska Agricultural Statistics Service. Dry, windy weather conditions for most of last week kept planters in the field, but was stressful for some wheat fields, alfalfa, and pastures. Some irrigation systems were in use to aid seed germination and activate herbicides. Other producer activities included moving cattle to spring pastures and livestock care.

CROPS

The winter wheat crop declined to 5% very poor, 11% poor, 38% fair, 43% good, and 3% excellent. As of Sunday, 62% of the crop had jointed, the same as last year, but nearly a week ahead of the five-year average of 45%. Wheat streak mosaic and Russian aphids remained a concern for wheat growers in southern Panhandle counties and greenbugs in portions of the Southwest.

CROPS Cont.

Corn planting last week virtually doubled previous week's completion to 79% seeded as of Sunday, well ahead of 23% last year and nearly double the average of 41%. Emergence was at 24%, well ahead of 1% last year and 2% for the average.

Soybean planting also made excellent progress last week as 26% was completed by week's end. This compared to 1% last year and 3% average. About 2% had emerged as of Sunday.

Sorghum planting progressed to 3% seeded to date, slightly ahead of last year with 0%, and average at 2%.

Oat fields were 94% emerged, slightly ahead of last year's 90%, but well ahead of the five-year average of 59%. Condition of the emerged stands showed improvement and rated 1% very poor, 12% poor, 41% fair, and 46% good.

LIVESTOCK, PASTURE & RANGE

Pasture and range condition was rated at 9% very poor, 24% poor, 44% fair, 22% good, and 1% excellent. The continued dry weather conditions had slowed growth of pastures and continued to raise concerns about grass growth this spring and summer. Some producers were delaying moving cattle to pastures due to inadequate grass growth.

FIELD WORK PROGRESS AS OF MAY 14, 2000	AGRICULTURAL STATISTICS DISTRICTS									STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE					
	PERCENT												
% Wheat Jointed	32	45	24	35	67	76	97	79	62	47	62	45	
% Wheat Headed	0	0	2	0	0	0	0	7	1	0	1	0	
% Corn Planted	55	74	77	85	85	59	94	88	79	40	23	41	
% Corn Emerged	6	6	25	22	34	5	26	39	24	5	1	2	
% Oats Emerged	69	94	100	83	99	87	100	99	94	80	90	59	
% Soybeans Planted	0	5	15	27	28	14	33	41	26	7	1	3	
% Soybeans Emerged	0	0	1	0	2	0	2	3	2	0	0	0	
% Sorghum Planted	0	1	2	33	2	0	2	3	3	1	0	2	
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF MAY 12, 2000													
Days Suitable	4	8	5	4	6	7	5	7	6	5	8	5	5
Topsoil Moisture													
- Very short	2	20	20	18	18	15	8	32	17	23	0		
- Short	9	49	49	67	61	37	30	53	46	40	1		
- Adequate	89	31	31	15	21	48	62	15	37	37	65		
- Surplus	0	10	0	0	0	0	0	0	0	0	34		
Subsoil Moisture-													
- Very Short	4	39	59	16	57	18	52	65	39	43	0		
- Short	22	39	37	57	37	46	48	30	39	37	4		
- Adequate	74	22	4	27	6	36	0	5	22	20	83		
- Surplus	0	0	0	0	0	0	0	0	0	0	13		

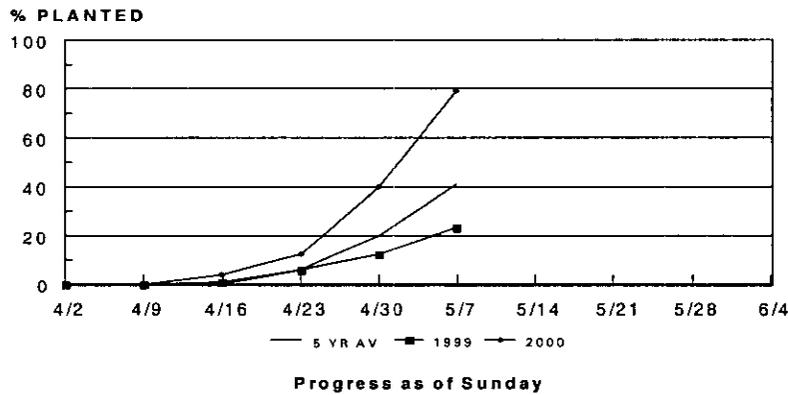
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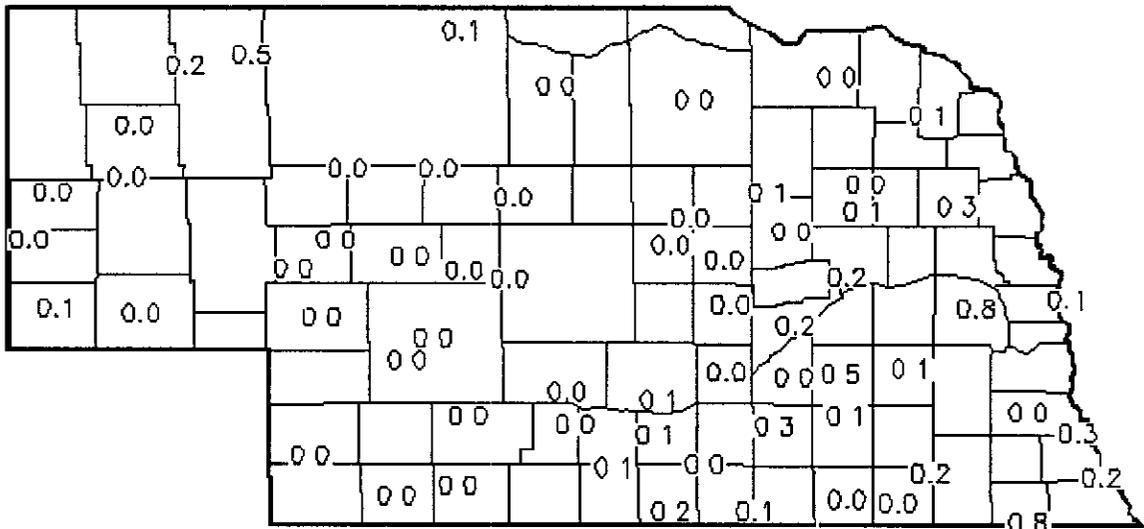
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CORN PLANTED



PRECIPITATION IN INCHES FOR WEEK ENDING MAY 14, 2000



Source High Plains Climate Center

PRECIPITATION, APRIL 1 - MAY 14, 2000

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	30	13	28	29	32	47	29	19
Total since April 1	3.77	2.04	1.86	2.20	2.14	1.95	1.80	1.90
Normal since April 1	3.07	3.55	4.02	3.95	4.46	3.23	3.71	4.46
Total as % of normal	123%	57%	46%	56%	48%	60%	49%	43%

TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA, WEEK ENDING SATURDAY, MAY 14, 2000

Station	Temperature				Precipitation	Growing Degree Data Since April 15		
	Extremes		Mean	Departure		Total Inches	Last Week	Current
	Max	Min						
NW	Chadron	73	25	52	---	---	---	---
	Scottsbluff	73	28	54	0	55	170	222
	Sidney	78	28	52	---	54	150	229
NC	Valentine	82	28	55	-1	15	---	---
	Arthur	---	---	---	---	62	176	242
	O'Neill	---	---	---	---	69	176	255
NE	Norfolk	84	37	61	+2	19	---	---
	Sioux City	89	40	63	+3	32	---	---
	Concord	---	---	---	---	66	190	257
	Elgin	---	---	---	---	70	174	261
CEN	West Point	---	---	---	---	68	193	271
	Grand Island	83	36	61	+2	70	77	208
	Ord	79	30	59	---	16	77	198
EC	Kearney	---	---	---	---	78	206	267
	Lincoln	94	41	64	+4	60	77	215
	Omaha	93	39	64	+4	30	---	---
SW	Central City	---	---	---	---	75	206	269
	Mead	---	---	---	---	76	213	279
	Imperial	82	31	57	---	39	---	---
SC	North Platte	78	25	56	0	63	77	204
	Curtis	---	---	---	---	77	214	258
	Holdrege	---	---	---	---	85	230	266
SE	Red Cloud	---	---	---	---	91	263	271
	Beatrice	---	---	---	---	78	214	282
	Clay Center	---	---	---	---	76	206	269

n/a - Not Available

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.