

NEBRASKA WEATHER & CROPS



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For Week Ending June 20, 1999

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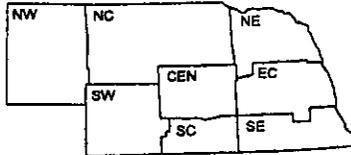
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National Weather Service



Nebraska Department of Agriculture
Division of Agr'l Statistics
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WEATHER

Temperatures averaged from five degrees below normals in the Panhandle to eleven degrees below normals in the central portion of the State. Precipitation across the State averaged from near a quarter of an inch in the Southwest to just over an inch and a half in the Northeast.

GENERAL

Overcast skies, wet and cool conditions continued to hold some producers back by delaying further planting, weed control and hay harvest, according to the Nebraska Agricultural Statistics Service. A few farmers continued to wait for soil to dry which would allow late planting of damaged crops. Ditching for irrigation was slowed by the wet conditions. Reports indicated herbicides did not work well this Spring. Field activities included moving grain, applying fertilizer and herbicide, cultivating and ditching corn, preparing irrigation equipment.

CROPS

Corn conditions rated 1% very poor, 2% poor, 16% fair, 60% good, 21% excellent. Numerous reports of herbicide damage were received.

Soybeans planted moved to 98%, behind 100% last year and above 97% average. Soybeans emerged was at 91%, behind 97% last year and just ahead of 88% average. Soybean conditions were rated 1% very poor, 2% poor, 17% fair, 65%

CROPS (Cont.)

good, 15% excellent. Bean leaf beetles were noted in seedling soybeans.

Sorghum planted was at 97%, behind 100% last year and 96% average. Sorghum emerged was at 88%, compared to 96% last year, and 83% average. Sorghum condition rated 1% poor, 28% fair, 65% good, 6% excellent.

Dry beans planted was 94% complete, above 90% last year, 89% average. Dry beans emerged was at 82%, ahead of 70% last year and 66% average.

Winter wheat conditions were 3% poor, 17% fair, 68% good, and 12% excellent. Wheat turning color rated 37%, behind last year's 53%, and 45% average. A few fields were ripe.

Oats headed was 67% complete compared to 63% last year and 54% average. Oats conditions rated 1% poor, 10% fair, 69% good, and 20% excellent.

Alfalfa condition rated 1% poor, 18% fair, 66% good, and 15% excellent. Alfalfa first cutting was 90% complete, compared to 72% last and 77% average. Alfalfa weevils and leaf hoppers were causing problems in hay fields.

Wild hay conditions were rated at 1% poor, 8% fair, 67% good, and 24% excellent.

LIVESTOCK, PASTURE & RANGE

Pasture and range condition rated 1% poor, 5% fair, 67% good, 27% excellent. The cooler condition reduce stress on livestock.

CROP PROGRESS AS OF JUNE 20, 1999	AGRICULTURAL STATISTICS DISTRICTS									STATE	LAST WEEK	LAST YEAR	AVER- AGE	
	NW	NC	NE	C	EC	SW	SC	SE						
% Wheat Headed	100	91	100	99	96	100	100	100	100	97	100	98		
% Wheat Turning Color	5	11	10	36	33	64	83	77	37	18	53	45		
% Wheat Ripe	0	0	0	3	0	2	0	1	1	n/a	1	3		
% Sorghum Planted	n/a	97	100	100	96	84	99	97	97	87	100	96		
% Sorghum Emerged	n/a	81	95	98	89	65	78	92	88	66	96	83		
% Soybeans Planted	n/a	100	98	100	98	95	100	98	98	96	100	97		
% Soybeans Emerged	n/a	96	85	97	92	82	98	94	91	78	97	88		
% Dry Beans Planted	90	100	100	96	n/a	98	n/a	n/a	94	83	90	89		
% Dry Beans Emerged	81	96	95	95	n/a	79	n/a	n/a	82	53	70	66		
% Oats Headed	67	59	59	69	79	85	96	83	67	47	63	54		
% Alfalfa First Cutting	66	96	89	90	90	98	95	91	90	76	72	77		
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF JUNE 18, 1999														
Days suitable	4	6	4	4	2	9	2	3	4	3	9	4	5	3
Topsoil moisture (Percent)														
- Very Short	0	0	0	0	0	0	0	0	0	0	0	0	3	
- Short	6	0	0	0	2	8	0	6	2	6	8	8		
- Adequate	94	100	69	71	74	90	99	79	85	72	76	76		
- Surplus	0	0	31	29	24	2	1	15	13	22	13	13		
Subsoil moisture (Percent)														
- Very Short	0	0	0	0	0	0	0	1	0	0	0	2		
- Short	5	4	0	0	0	10	3	0	2	5	9	9		
- Adequate	95	96	85	80	76	89	77	76	85	81	78	78		
- Surplus	0	0	15	20	24	1	20	23	13	14	11	11		

n/a = not available

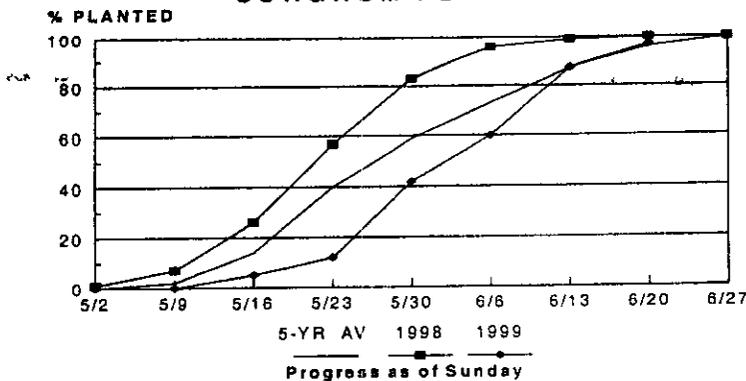
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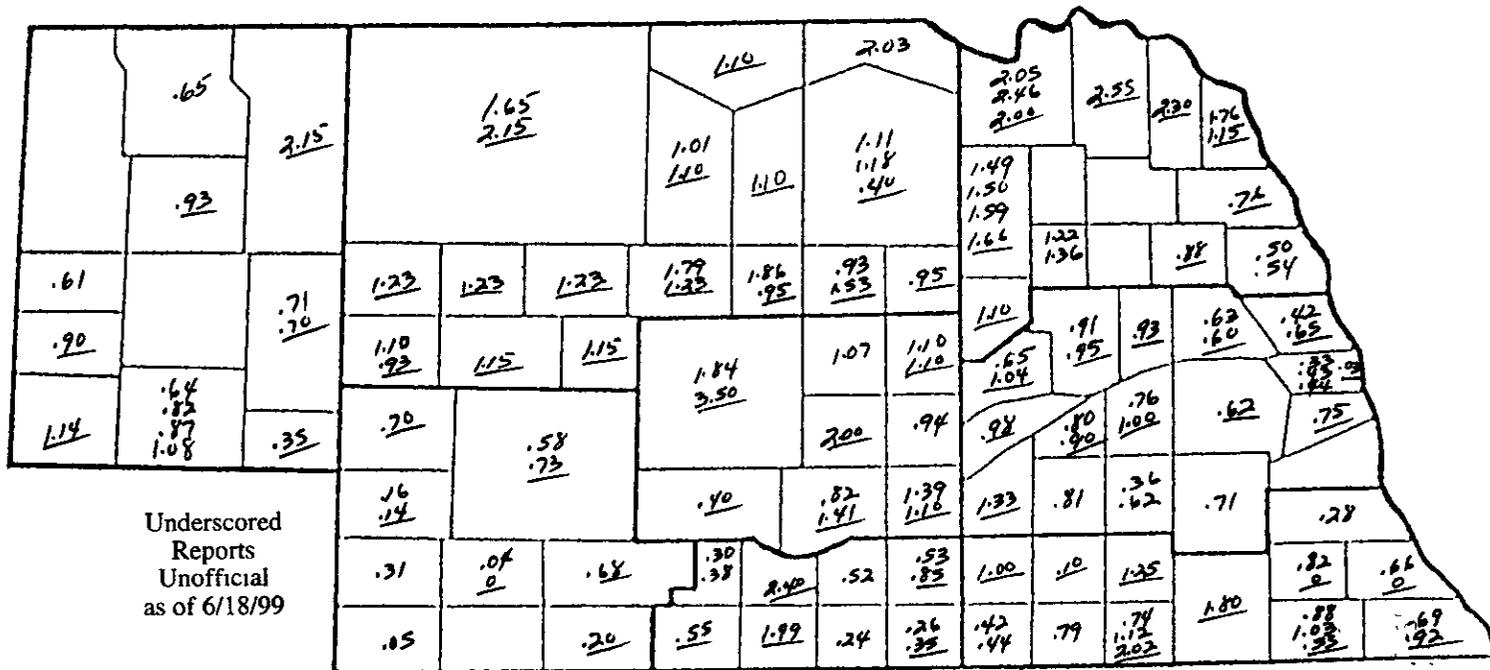
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SORGHUM PLANTED



PRECIPITATION MAP FOR WEEK ENDING SATURDAY, JUNE 19, 1999



PRECIPITATION, APRIL 1 - JUNE 19, 1999

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	.77	1.41	1.55	1.19	.60	.23	.37	.72
Total since April 1	8.22	10.13	13.24	13.12	13.84	8.04	13.30	13.43
Normal since April 1	6.70	7.71	8.94	8.58	9.64	7.30	8.43	9.48
Total as % of normal	123%	131%	148%	153%	144%	110%	158%	142%

TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA, WEEK ENDING SATURDAY, JUNE 19, 1999

Station	Temperature				Precipitation Total Inches	Growing Degree Data Since April 15		
	Extremes		Mean	Departure		Last Week	Current	Normal
	Max	Min						
NW Chadron	89	46	64	---	65	---	---	---
Scottsbluff	90	46	63	-5	61	93	662	692
Sidney	90	39	61	---	82	83	583	694
NC Valentine	83	38	61	-8	1.65	---	---	---
Arthur	---	---	---	---	---	81	637	725
O'Neill	---	---	---	---	---	77	689	787
NE Norfolk	75	43	61	-10	1.22	---	---	---
Sioux City	77	43	61	-10	1.76	---	---	---
Concord	---	---	---	---	---	78	748	822
Elgin	---	---	---	---	---	76	693	822
West Point	---	---	---	---	---	83	767	876
CEN Grand Island	79	44	61	-11	1.39	82	773	857
Ord	80	48	63	---	1.07	78	736	837
Kearney	---	---	---	---	---	78	752	841
EC Lincoln	80	44	63	-10	71	92	837	945
Omaha	81	46	63	-9	43	---	---	---
Central City	---	---	---	---	---	84	772	874
Mead	---	---	---	---	---	88	813	918
SW Imperial	80	48	64	---	.31	---	---	---
North Platte	77	45	61	-7	.58	84	724	775
Curtis	---	---	---	---	---	79	732	804
SC Holdrege	---	---	---	---	---	78	764	829
Red Cloud	---	---	---	---	---	97	903	865
SE Beatrice	---	---	---	---	---	84	807	943
Clay Center	---	---	---	---	---	79	751	868

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.