

NEBRASKA

WEATHER & CROPS



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SERVICE

For Week Ending July 30, 2000

Issue: 22-2000

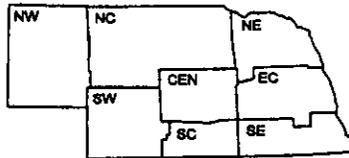
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National Agricultural Statistics Service
U.S. Department of Agriculture
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National Oceanic and Atmospheric Admin
National Weather Service



Nebraska Department of Agriculture
Division of Agr'l. Statistics
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WEATHER

Temperatures averaged near normals in the Panhandle and western portions of the State while the central and eastern half averaged two to five degrees below normals. Precipitation occurred across the State with amounts ranging from traces to over three inches

GENERAL

Areas receiving rain this past week continued to show improved crop conditions and good plant growth, according to the Nebraska Agricultural Statistics Service. These timely rains provided a growth boost for crops and pastures, as subsoil moisture supplies remain quite limited. Producers continued to use irrigation systems according to crop need, water availability, and fuel costs. Producer activities included moving grain to market, weed control, and harvesting hay.

CROPS

The winter wheat harvest is virtually complete with 99% cut to date, compared with 96% last year and 90% for the 5-year average.

Corn condition rated 9% very poor, 13% poor, 26% fair, 38% good, and 14% excellent. Irrigated corn at 66% good to excellent was virtually unchanged from last week while dryland corn improved to 32% good to excellent. Eighty-nine percent of the

CROPS Cont.

crop was in or beyond the silking stage, compared to last year's 88% and the average at 74%. Reports indicated that 19% of the crop had reached the dough stage, this compared with 10% last year and 6% average.

Soybean condition rated 9% very poor, 15% poor, 34% fair, 30% good, and 12% excellent. Blooming had occurred on 87% of the crop acreage as of Sunday, ahead of 81% last year and 75% average. By week's end, 46% had set pods, compared to 26% last year and 21% average.

Sorghum condition rated 7% very poor, 17% poor, 43% fair, 26% good, and 7% excellent. The crop was 50% headed as of Sunday, well ahead of 23% last year and 17% average.

Oat harvest was 85% complete and compares with 79% last year and 76% average.

Alfalfa third cutting progressed to 19% harvested, this compared to 4% last year and 2% average. Condition of the crop rated 19% very poor, 22% poor, 36% fair, 19% good, and 4% excellent. Wild hay harvest continued with overall condition rated 24% very poor, 21% poor, 33% fair, 18% good, and 4% excellent.

LIVESTOCK, PASTURE & RANGE

Pasture and range condition rated 34% very poor, 34% poor, 25% fair, 6% good, and 1% excellent. Some producers continued to move cattle around, provide supplemental hay and/or protein, or move cattle to market.

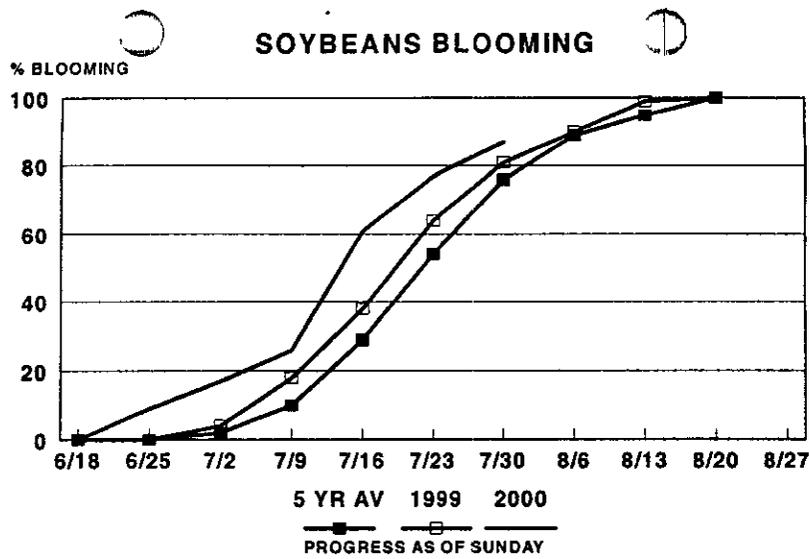
FIELD WORK PROGRESS AS OF JULY 30, 2000	AGRICULTURAL STATISTICS DISTRICTS									STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE					
	PERCENT												
% Corn Silked	78	73	86	88	93	76	95	94	89	72	88	74	
% Corn Dough	0	1	10	25	21	7	14	47	19	8	10	6	
% Wheat Harvested	99	97	99	100	100	100	100	100	99	97	96	90	
% Soybeans Blooming	n/a	89	81	89	87	88	88	94	87	77	81	75	
% Soybeans Setting Pods	n/a	28	28	49	47	33	55	69	46	27	26	21	
% Sorghum Headed	n/a	45	40	26	56	20	23	60	50	22	23	17	
% Alfalfa Third Cutting	13	12	9	8	31	18	48	51	19	6	4	2	
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF JULY 28, 2000													
Days Suitable	6.3	5.9	6.4	6.0	5.8	6.5	6.2	4.6	5.9	5.8	6.8		
Topsoil Moisture - Very short	28	21	31	41	17	75	4	11	28	33	12		
- Short	57	21	36	29	42	16	36	34	33	36	44		
- Adequate	15	58	33	30	41	9	50	55	38	30	43		
- Surplus	0	0	0	0	0	0	10	0	1	1	1		
Subsoil Moisture - Very Short	10	26	47	62	40	84	31	66	44	53	8		
- Short	47	25	46	19	43	16	39	30	34	32	30		
- Adequate	43	49	7	19	17	0	30	4	22	14	62		
- Surplus	0	0	0	0	0	0	0	0	0	1	0		

n/a = not available.

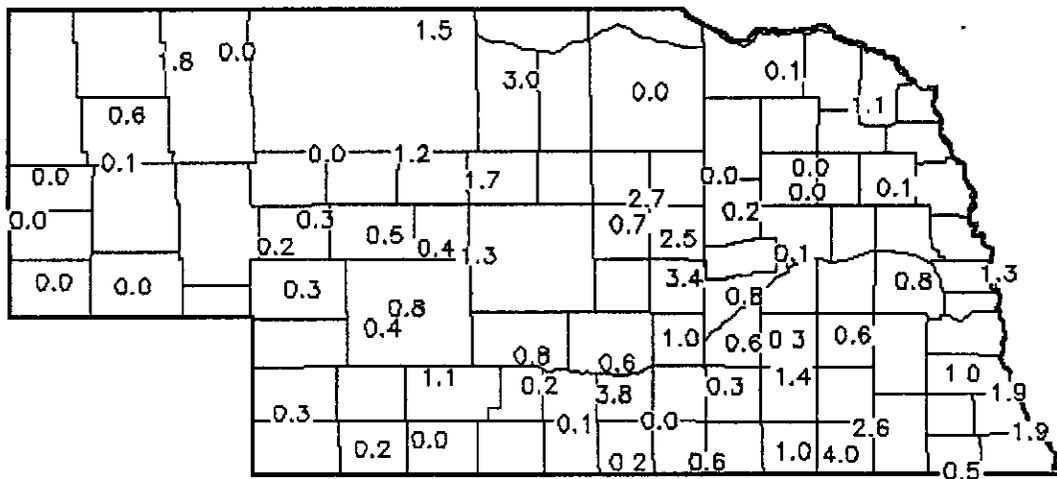
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PRECIPITATION IN INCHES FOR WEEK ENDING JULY 30, 2000



Source: High Plains Climate Center

PRECIPITATION, APRIL 1 - JULY 30, 2000

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week49	1.42	.25	1.25	.95	.64	.46	.98
Total since April 1	9.74	11.58	14.12	10.82	14.28	5.95	12.82	12.94
Normal since April 1	10.09	12.00	13.38	13.14	14.24	11.39	12.94	14.39
Total as % of normal	97%	97%	106%	82%	100%	52%	99%	90%

**TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA,
WEEK ENDING SUNDAY, JULY 30, 2000**

Station	Temperature				Precipitation	Growing Degree Data Since April 15			
	Extremes		Mean	Departure	Total Inches	Last Week	Current	Normal	
	Max	Min							
NW	Chadron	99	51	77	---	---	---	---	
	Scottsbluff	99	56	77	+2	159	1679	1556	
	Sidney	100	55	77	---	157	1646	1594	
NC	Valentine	94	51	75	-1	1.50	---	---	
	Arthur	---	---	---	---	---	164	1640	1677
	O'Neill	---	---	---	---	---	167	1713	1794
NE	Norfolk	87	58	74	-2	.02	---	---	
	Sioux City	86	59	73	-3	1.13	---	---	
	Concord	---	---	---	---	---	156	1762	1838
	Elgin	---	---	---	---	---	160	1758	1838
CEN	West Point	---	---	---	---	---	162	1837	1942
	Grand Island	86	60	73	-4	1.06	174	1911	1860
	Ord	91	60	75	---	.44	167	1829	1846
EC	Kearney	---	---	---	---	---	165	1867	1840
	Lincoln	90	60	74	-5	.47	168	2047	2037
	Omaha	87	60	73	-3	1.67	---	---	---
SW	Central City	---	---	---	---	---	162	1890	1889
	Mead	---	---	---	---	---	158	1922	2009
	Imperial	101	58	78	---	.06	---	---	---
SC	North Platte	96	57	76	+1	.82	167	1828	1735
	Curtis	---	---	---	---	---	164	1863	1763
	Holdrege	---	---	---	---	---	163	1861	1825
SE	Red Cloud	---	---	---	---	---	175	2117	1882
	Beatrice	---	---	---	---	---	167	2013	2038
	Clay Center	---	---	---	---	---	160	1873	1878

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. N/A = not available.