

NEBRASKA WEATHER & CROPS



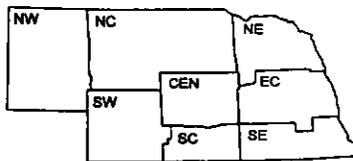
For Week Ending June 22, 1997

Issue. 16-97
Released. 6/23/97 - 3:00 p m

Phone. (402) 437-5541
Location: 273 Federal Bldg

P O Box 81069
Lincoln, NE 68501

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



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

WEATHER

Average temperatures for the week ranged from one to five degrees above normal. Precipitation across the State averaged from a half inch to an inch and a half with some locally heavy rains in excess of three inches.

GENERAL

Topsoil moisture supplies were becoming short over much of the State last week, according to the Nebraska Agricultural Statistics Service. Reports indicated that crops looked good, but a good rain was needed to promote row crop development and to provide adequate pasture growth. Rain received over the weekend was welcomed but more will be needed. Producer activities included cultivating row crops, haying, applying chemicals, irrigation preparation activities, moving farm grain to market, and livestock care.

CROPS

Winter wheat condition rated 1% very poor, 12% poor, 38% fair, 47% good and 2% excellent. As of Sunday, 50% of the crop had turned color, compared with 34% last year and 53% average. Reports from the southern parts of the State expect test cutting to begin the first week of July.

Corn condition rated 2% poor, 25% fair, 59% good, and 14% excellent. Producers were busy cultivating and spraying weeds. Some reporters in northeastern counties indicated cutworm

CROPS (Cont.)

damage. Corn borer moths were reported across the State. Many reports indicated that the leaves were rolling due to lack of moisture.

Soybeans emerged rated 98%, compared with 88% last year and 89% average. The condition of the crop rated 3% poor, 29% fair, 59% good, and 9% excellent.

Sorghum emerged rated 97%, compared with 87% last year and 88% average. The condition of the crop rated 4% poor, 41% fair, 51% good, and 4% excellent.

Oats condition rated 6% poor, 37% fair, 55% good, and 2% excellent. The amount of acreage headed was 62%, compared with 64% last year.

Dry bean planting was 96% complete as of Sunday. This is equal to last year but ahead of the 94% average. The crop was 77% emerged, compared with 78% last year and 82% average.

Alfalfa condition rated 2% very poor, 13% poor, 39% fair, 40% good and 6% excellent. The first cutting was 83% harvested as of Sunday, compared with 81% last year and 86% average. Wild hay condition rated 1% very poor, 11% poor, 37% fair, 48% good, and 3% excellent.

LIVESTOCK, PASTURE & RANGE

Pasture and range condition rated 1% very poor, 10% poor, 28% fair, 59% good, and 2% excellent. Producers were concerned about roughage for late summer through the coming winter due to short supply carried over and winterkill on alfalfa. Overall, cattle were reported in good condition.

FIELD WORK PROGRESS AS OF JUNE 22, 1997	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE	
	NW	NC	NE	C	EC	SW	SC	SE					
% Wheat Turning	15	7	11	5	54	78	80	83	50	6	34	53	
% Sorghum Emerged	n/a	84	97	99	93	91	98	98	97	90	87	88	
% Soybeans Emerged	n/a	90	96	99	98	95	99	99	98	94	88	89	
% Oats Headed	68	78	50	78	69	85	90	74	62	22	64	n/a	
% Dry Beans Planted	96	100	100	100	n/a	96	n/a	n/a	96	80	96	94	
% Dry Beans Emerged	73	99	96	100	n/a	84	n/a	n/a	77	29	78	82	
% Alfalfa First Cutting	43	89	74	96	93	91	94	100	83	52	81	86	
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF JUNE 20, 1997													
Days suitable	4	8	6	3	6	6	5	3	6	0	5	4	9
Topsoil moisture - Very Short	0	0	0	2	19	4	11	25	8	2	0	0	
(Percent) - Short	10	18	25	60	53	34	47	29	34	22	9	9	
- Adequate	87	81	65	38	28	61	42	46	56	73	79	79	
- Surplus	3	1	10	0	0	1	0	0	2	3	12	12	
Subsoil moisture - Very Short	0	0	0	0	1	1	2	9	1	0	0	0	
(Percent) - Short	7	14	16	31	47	29	22	26	25	15	8	8	
- Adequate	91	85	83	67	52	70	75	65	73	83	86	86	
- Surplus	2	1	1	2	0	0	0	0	1	2	6	6	

n/a = not available

NEBRASKA WEATHER & CROPS (ISSN 0745-0117) is published weekly April-November and monthly December-March by the Nebraska Department of Agriculture, Nebraska Agricultural Statistics Service (NASS), 100 Centennial Mall North, Room 273 Federal Building, Lincoln, NE 68508. Subscription is free to survey respondents upon request to NASS, P O Box 81069, Lincoln, NE 68501, or by calling (402) 437-5541 and available for \$15.00 per year to non-reporters. It is also available free by polling our FAX at (402) 437-5547 after 3:30 p m CT. POSTMASTER: Send address changes to NEBRASKA WEATHER & CROPS, P O Box 81069, Lincoln, NE 68501.

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P.O. Box 81069
Lincoln, NE 68501

Periodical Postage
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PRECIPITATION, APRIL 1 - JUNE 21, 1997

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	96	88	1.42	1.16	1.45	1.42	49	1.22
Total since April 1	9.89	7.67	8.72	6.86	7.46	7.31	6.19	8.17
Normal since April 1	6.90	7.95	9.22	8.86	9.92	7.52	8.69	9.76
Total as % of normal	143%	96%	95%	77%	75%	97%	71%	84%

**TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA,
WEEK ENDING SATURDAY, JUNE 21, 1997**

Station	Temperature				Precipitation	Growing Degree Data Since April 15		
	Extremes		Mean	Departure	Total Inches	Last Week	Current	Normal
	Max	Min						
NW Chadron	93	47	69	---	2.06	---	---	---
Scottsbluff	92	49	70	+2	10	632	780	732
Sidney	89	49	67	---	.99	579	720	730
NC Valentine	92	49	70	+1	.22	---	---	---
Arthur	---	---	---	---	---	564	714	801
O'Neill	---	---	---	---	---	569	735	874
NE Norfolk	94	54	74	+3	.70	---	---	---
Sioux City	95	55	75	+3	.30	---	---	---
Concord	---	---	---	---	---	581	760	899
Elgin	---	---	---	---	---	564	742	885
West Point	---	---	---	---	---	626	818	941
CEN Grand Island	97	56	75	+3	1.88	632	810	925
Ord	94	59	75	---	.82	603	771	907
Kearney	---	---	---	---	---	657	836	915
EC Lincoln	99	53	76	+3	.90	677	870	1020
Omaha	97	61	77	+5	1.65	---	---	---
Central City	---	---	---	---	---	642	820	936
Mead	---	---	---	---	---	674	863	989
SW Imperial	96	54	73	---	1.21	---	---	---
North Platte	94	48	72	+3	.91	651	810	828
McCook	---	---	---	---	---	722	893	862
SC Holdrege	---	---	---	---	---	651	823	909
Red Cloud	---	---	---	---	---	684	879	914
SE Beatrice	---	---	---	---	---	663	854	1019
Clay Center	---	---	---	---	---	657	840	930

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.