

NEBRASKA WEATHER & CROPS

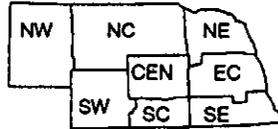
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6/22/92



For Week Ending June 21, 1992

Issue: 15-92 Phone: (402) 437-5541 P.O. Box 81069
Released: 6/22/92 - 3:00 p.m. Location: 273 Federal Bldg. 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
Institute of Agriculture
and Natural Resources--UN-L

WEATHER

Temperatures for the week averaged two to five degrees below normals. Precipitation occurred mainly the first half of the week with amounts varying from around a tenth of an inch up to over 2.60 inches.

GENERAL

Rainfall this past week once again limited fieldwork activities, according to the Nebraska Agricultural Statistics Service. Some severe weather was experienced in a few areas of the State with tornadoes, hail, high winds, and heavy rains which damaged buildings and crops. Warmer temperatures and sunshine toward the latter half of the week brought good growing conditions to spring-planted crops and maturing wheat. All crops continued to lag behind normal growth and development. Precipitation totals for April 1-June 19 show all districts below normal, despite many areas receiving moisture last week.

CROPS

Wheat condition was rated at 22% very poor, 22% poor, 43% fair, and 13% good. Warmer temperatures during part of last week hastened maturity in most areas and allowed the crop to reach 74% turning color. This was a large increase over last week and puts this year ahead of last year and the 5-year average. Damage to wheat acreage in the frost areas will continue to be assessed until harvest. Reports indicate that harvest was still a week to ten days away in southern counties, if warm, dry weather conditions prevail.

CROPS (Cont.)

Corn condition was rated at 6% poor, 29% fair, 63% good, and 2% excellent. Warmer temperatures also improved the corn outlook and crop development last week. With wet field conditions, many producers are seeing grasses and weeds growing rapidly. Cultivation and spraying for control are continuing where surface conditions permit. Some producers will go from the first cultivation to hilling while others may not be able to cultivate due to soil moisture conditions and plant growth.

Soybean condition was rated at 1% poor, 22% fair, 72% good, and 5% excellent. Cultivation activities have begun where possible.

Sorghum condition was rated at 4% poor, 28% fair, 64% good, and 4% excellent. Chinch bug activity was limited by wet, cool conditions.

Dry bean planting was virtually completed by week's end. Some replanting was occurring due to severe weather.

Alfalfa condition was rated at 6% poor, 24% fair, 56% good, and 14% excellent. First cutting activities were virtually completed and ahead of last year and average despite harvest-delaying weather conditions. Second growth was progressing well with second cutting activities beginning. Wild hay condition was rated at 10% poor, 36% fair, 34% good, and 20% excellent.

LIVESTOCK

Pasture and range condition was rated at 86% of normal and compares with 97% of normal last year at this time. Improvement in native and tame grasses continued with the warmer temperatures.

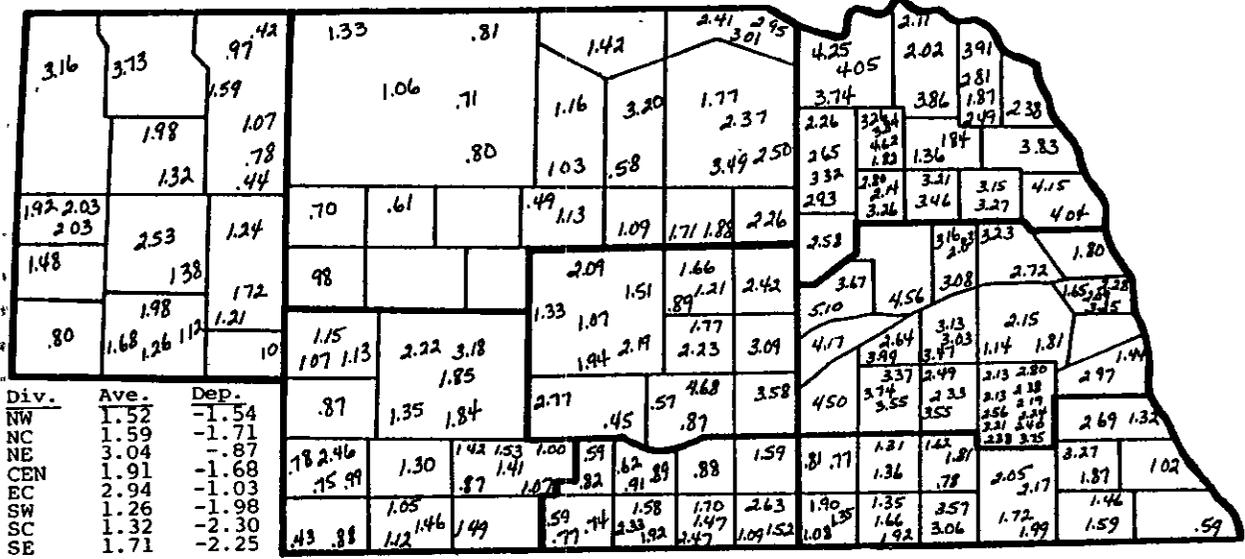
FIELD WORK PROGRESS AS OF JUNE 21, 1992	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% wheat turning	62	37	30	89	71	74	100	85	74	28	72	71
% wheat ripe	0	0	0	0	4	1	0	0	1	0	10	13
% dry beans planted	100	100	100	96	0	96	100	0	99	71	---	---
% dry beans emerged	54	100	100	61	0	66	100	0	58	24	---	---
% alfalfa first cutting	94	100	100	100	100	100	100	100	99	95	85	90
% alfalfa second cutting	0	1	2	3	2	0	1	5	2	0	0	2
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF JUNE 19, 1992												
Days suitable	3.8	2.9	2.9	3.9	3.6	3.9	4.1	4.1	3.6	3.5	5.7	
Topsoil moisture - Short	14	0	0	0	4	11	17	6	6	16	24	
(Percent) - Adequate	86	91	81	100	83	89	83	88	87	74	62	
- Surplus	0	9	19	0	13	0	0	6	7	10	14	
Subsoil moisture - Short	57	36	0	0	0	78	25	12	21	24	12	
(Percent) - Adequate	43	64	100	100	96	22	75	88	78	75	80	
- Surplus	0	0	0	0	4	0	0	0	1	1	8	

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. POSTMASTER Send address changes to NEBRASKA WEATHER & CROPS, P.O. Box 81069, Lincoln, NE 68501

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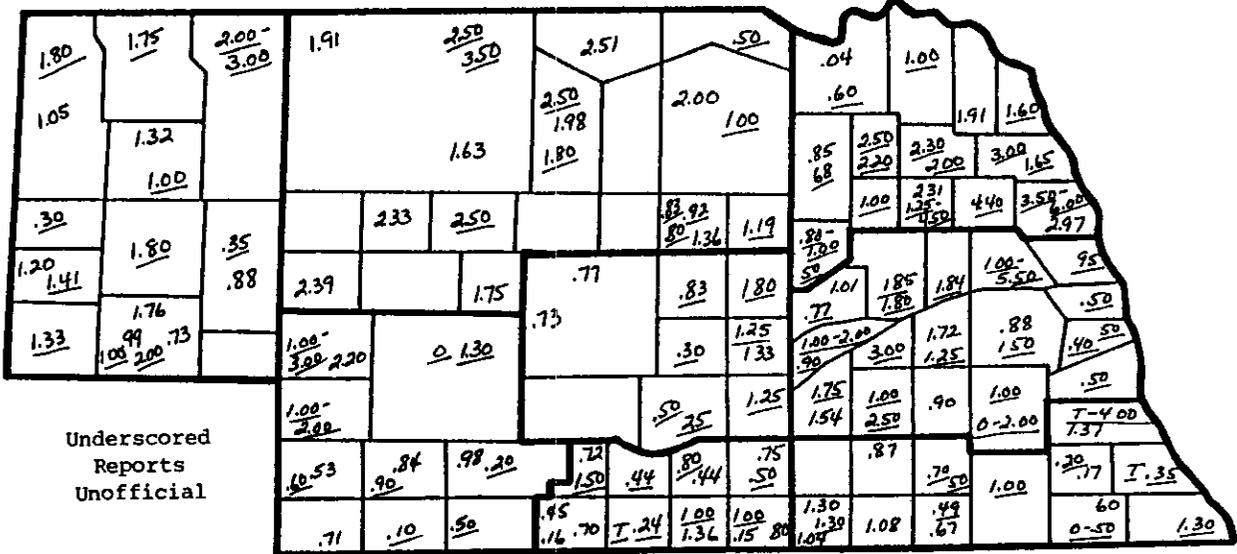
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PRECIPITATION MAP FOR MONTH OF MAY 1992 1/



1/ Courtesy of the Department of Agricultural Meteorology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln.

PRECIPITATION MAP FOR WEEK ENDING FRIDAY, JUNE 19, 1992



PRECIPITATION, APRIL 1 - JUNE 19, 1992

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	1.13	1.98	1.62	.94	1.21	1.05	.61	.89
Total since April 1	4.14	5.29	7.50	5.70	8.02	3.85	4.70	7.51
Normal since April 1	6.73	7.80	8.99	8.46	9.50	7.06	8.31	9.50

TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA, WEEK ENDING SUNDAY, JUNE 21, 1992

Station	Temperature				Precipitation Total Inches 1/	Growing Degree Day Since April 15			
	Extremes		Mean	Departure		Last Week	Current	Normal	
	Max	Min							
NW	Chadron	86	45	64	---	---	---	---	
	Scottsbluff	89	44	66	-2	.25	743	849	763
	Sidney	84	44	65	---	.12	681	800	765
NC	Valentine	85	48	64	-5	1.23	692	789	760
NE	Norfolk	91	46	69	-3	2.62	---	---	---
	Sioux City	88	45	68	-4	1.74	---	---	---
	Concord	---	---	---	---	---	699	818	920
	Elgin	---	---	---	---	---	648	758	874
	West Point*	---	---	---	---	---	716	843	948
CEN	Grand Island	90	46	68	-4	.82	723	856	913
	Ord	88	49	68	---	.54	704	819	921
EC	Lincoln	93	44	70	-3	.85	785	936	969
	Omaha	89	49	69	-3	.71	765	910	912
	Columbus	---	---	---	---	---	744	882	942
	York	---	---	---	---	---	735	875	990
SW	Imperial	87	51	69	---	.05	---	---	---
	North Platte	86	47	66	-3	.55	**695	**804	**867
SC	Holdrege	---	---	---	---	---	731	858	973
SE	Beatrice	---	---	---	---	---	753	892	1070
	Clay Center	---	---	---	---	---	727	854	998

1/ Precipitation totals not included in map above. *Automated weather station. **West Central Research & Extension Center.

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