

# NEBRASKA WEATHER & CROPS

NEBRASKA  
AGRICULTURAL  
STATISTICS  
SERVICE

For Week Ending June 11, 1995

Issue: 13-95

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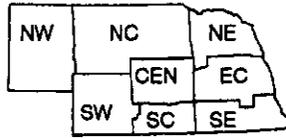
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National Oceanic and Atmospheric Admn.  
National Weather Service



Nebraska Department of Agriculture  
Division of Agr'l. Statistics  
Cooperative Extension Service  
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## WEATHER

Temperatures for the week averaged four to ten degrees below normals. Scattered precipitation throughout the week produced amounts from a half inch in the east central up to over an inch and a half in the northwest.

## GENERAL

Nebraska producers once again experienced rain delays in completing spring fieldwork activities, according to the Nebraska Agricultural Statistics Service. But, by week's end, some producers had made good planting progress where weather permitted. However, the wet, cool conditions had slowed crop emergence and growth. Producer activities included spring planting, alfalfa hay cutting, spraying herbicides, moving grain to market, and livestock care.

## CROPS

**Corn** condition was rated at 1% very poor, 12% poor, 51% fair, 35% good, and 1% excellent. As of Sunday, 99% had been planted with 85% emerged. Crop producers in southeastern and north central counties continued to lag behind other districts. Southeast and North Central corn planting was rated at 89% and 95% complete, respectively; while other districts were virtually done. Reports indicated that some intended corn acreage will be planted to other crops.

**Soybean** planting made good progress last week but was still well behind last year (100%) and the five-year average (94%). By the weekend, 51% of the expected soybean acreage had been planted. Emergence was at 24%

## CROPS (Cont.)

compared to 96% last year and 76% average. Crop condition was rated 9% poor, 46% fair, 44% good, and 1% excellent.

**Sorghum** condition was rated at 2% very poor, 18% poor, 47% fair, and 33% good. Planting progress also moved along well with 34% complete to date. This compares with 99% last year and 92% for the five-year average. Emergence was at 8% compared to 91% a year earlier and 73% average.

**Winter wheat** condition declined slightly to 1% very poor, 4% poor, 18% fair, 65% good, and 12% excellent. Heading progressed well last week with 69% headed out as of Sunday, compared to 99% last year and 96% average. Some reports in the Northwest, Southwest, and South Central indicated rust and other wet-weather diseases. Excess moisture in the Southeast was also having adverse effects on winter wheat condition.

**Dry bean** planting reached 23% complete by the weekend. Last year at this time, 89% had been planted.

**Alfalfa** condition was rated 1% very poor, 9% poor, 42% fair, 45% good, and 3% excellent. First cutting progressed to 11% harvested compared with 81% last year and 61% average. **Wild hay** condition was rated at 5% poor, 25% fair, 56% good, and 14% excellent.

## LIVESTOCK, PASTURE & RANGE

Pasture and range condition improved to 5% poor, 15% fair, 56% good, and 24% excellent. Pastures are doing well but warmer, sunny days were needed. Health problems continued as cool, wet conditions stress livestock.

| FIELD WORK PROGRESS<br>AS OF JUNE 11, 1995                      | AGRICULTURAL STATISTICS DISTRICTS |     |     |     |     |     |     |     | STATE | LAST<br>WEEK | LAST<br>YEAR | AVER-<br>AGE |
|---|-----------------------------------|-----|-----|-----|-----|-----|-----|-----|-------|--------------|--------------|--------------|
|   | NW                                | NC  | NE  | C   | EC  | SW  | SC  | SE  |       |              |              |              |
| % Wheat Headed  | 31                                | 65  | 34  | 40  | 90  | 91  | 100 | 100 | 69    | 41           | 99           | 96           |
| % Wheat Turning   | 0                                 | 0   | 1   | 0   | 0   | 1   | 1   | 8   | 1     | 0            | 31           | 21           |
| % Corn Planted  | 100                               | 95  | 100 | 100 | 100 | 100 | 100 | 89  | 99    | 89           | 100          | 100          |
| % Corn Emerged  | 79                                | 89  | 94  | 78  | 95  | 88  | 90  | 52  | 85    | 51           | 98           | 97           |
| % Sorghum Planted   | 0                                 | 34  | 25  | 61  | 40  | 39  | 40  | 27  | 34    | 14           | 99           | 92           |
| % Sorghum Emerged   | 0                                 | 6   | 7   | 19  | 13  | 11  | 6   | 5   | 8     | 1            | 91           | 73           |
| % Soybeans Planted  | 0                                 | 60  | 68  | 60  | 52  | 62  | 50  | 25  | 51    | 31           | 100          | 94           |
| % Soybeans Emerged  | 0                                 | 21  | 36  | 31  | 22  | 24  | 16  | 14  | 24    | 8            | 96           | 76           |
| % Alfalfa First Cutting   | 1                                 | 6   | 9   | 17  | 13  | 10  | 17  | 15  | 11    | 4            | 81           | 61           |
| % Dry Beans Planted   | 24                                | 29  | 45  | 9   | 0   | 20  | 0   | 0   | 23    | 4            | 89           | n/a          |
| % Dry Beans Emerged   | 0                                 | 6   | 13  | 1   | 0   | 5   | 0   | 0   | 2     | 0            | 59           | n/a          |
| DAYS SUITABLE AND SOIL MOISTURE CONDITION<br>AS OF JUNE 9, 1995 |                                   |     |     |     |     |     |     |     |       |              |              |              |
| Days suitable   | 1.8                               | 2.5 | 2.8 | 2.0 | 2.4 | 2.4 | 2.5 | 1.7 | 2.3   | 2.3          | 4.1          |              |
| Topsoil moisture - Very Short                                   | 0                                 | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 0            | 0            |              |
| (Percent) - Short   | 0                                 | 0   | 0   | 2   | 0   | 0   | 0   | 0   | 0     | 0            | 26           |              |
| - Adequate  | 24                                | 29  | 42  | 13  | 27  | 36  | 24  | 1   | 26    | 34           | 64           |              |
| - Surplus   | 76                                | 71  | 58  | 85  | 73  | 64  | 76  | 99  | 74    | 66           | 10           |              |
| Subsoil moisture - Very Short                                   | 0                                 | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 0            | 0            |              |
| (Percent) - Short   | 0                                 | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 0            | 12           |              |
| - Adequate  | 63                                | 48  | 55  | 56  | 26  | 64  | 44  | 18  | 46    | 56           | 87           |              |
| - Surplus   | 37                                | 52  | 45  | 46  | 74  | 36  | 56  | 82  | 54    | 44           | 1            |              |

n/a = not available.

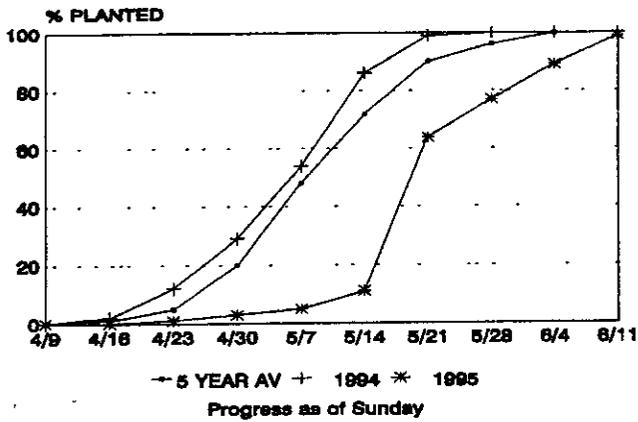
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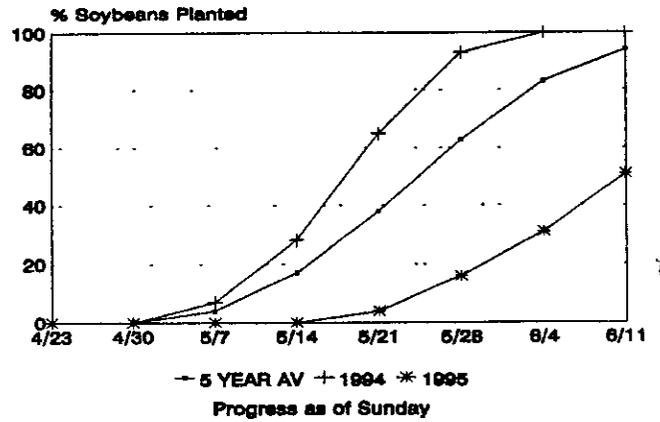
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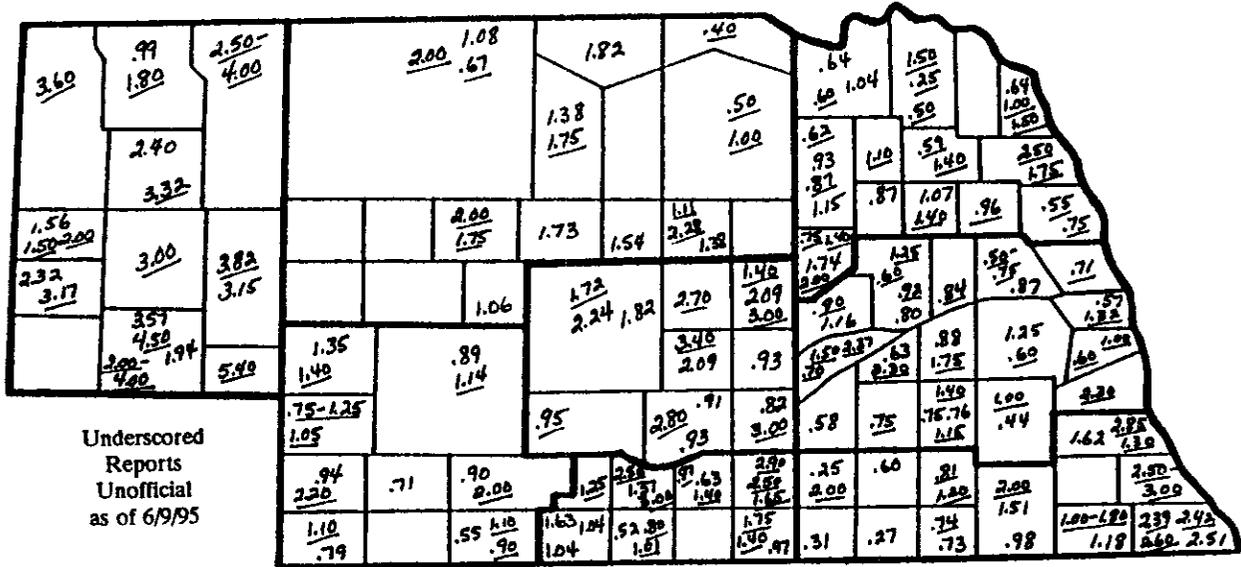
CORN PLANTED



SOYBEANS PLANTED



PRECIPITATION MAP FOR WEEK ENDING SUNDAY, JUNE 11, 1995



PRECIPITATION, APRIL 1 - JUNE 11, 1995

|                      | NW    | NC    | NE    | CEN   | EC    | SW   | SC    | SE    |
|----------------------|-------|-------|-------|-------|-------|------|-------|-------|
| Total past week      | 2.28  | 1.43  | 1.01  | 1.48  | .83   | .88  | 1.03  | 1.00  |
| Total since April 1  | 11.84 | 12.82 | 12.31 | 13.13 | 12.51 | 9.60 | 13.41 | 14.06 |
| Normal since April 1 | 5.90  | 6.75  | 7.82  | 7.43  | 8.52  | 6.42 | 7.39  | 8.37  |

TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA, WEEK ENDING SUNDAY, JUNE 11, 1995

| Station          | Temperature |     |      |           | Precipitation<br>Total Inches | Growing Degree Data<br>Since April 15 |         |        |
|------------------|-------------|-----|------|-----------|-------------------------------|---------------------------------------|---------|--------|
|                  | Extremes    |     | Mean | Departure |                               | Last Week                             | Current | Normal |
|                  | Max         | Min |      |           |                               |                                       |         |        |
| NW Chadron       | 79          | 36  | 55   | ---       | .99                           | ---                                   | ---     | ---    |
| Scottsbluff      | 79          | 38  | 55   | -10       | 1.56                          | 224                                   | 283     | 590    |
| Sidney           | 79          | 35  | 54   | ---       | ---                           | 208                                   | 261     | 532    |
| NC Valentine     | 91          | 40  | 58   | -8        | 1.08                          | ---                                   | ---     | ---    |
| Arthur           | ---         | --- | ---  | ---       | ---                           | 244                                   | 303     | 523    |
| O'Neill          | ---         | --- | ---  | ---       | ---                           | 303                                   | 376     | 619    |
| NE Norfolk       | 91          | 44  | 62   | -7        | .87                           | ---                                   | ---     | ---    |
| Sioux City       | 91          | 45  | 63   | -6        | .64                           | ---                                   | ---     | ---    |
| Concord          | ---         | --- | ---  | ---       | ---                           | 332                                   | 409     | 666    |
| Elgin            | ---         | --- | ---  | ---       | ---                           | 304                                   | 379     | 620    |
| West Point       | ---         | --- | ---  | ---       | ---                           | 355                                   | 443     | 672    |
| CEN Grand Island | 87          | 44  | 62   | -8        | .82                           | ---                                   | ---     | ---    |
| Ord              | 78          | 44  | 59   | ---       | ---                           | 303                                   | 381     | 647    |
| Kearney          | ---         | --- | ---  | ---       | ---                           | 314                                   | 403     | 687    |
| Wood River       | ---         | --- | ---  | ---       | ---                           | 327                                   | 417     | 709    |
| EC Lincoln       | 90          | 49  | 65   | -5        | .44                           | 402                                   | 513     | 743    |
| Omaha            | 87          | 48  | 66   | -4        | .57                           | ---                                   | ---     | ---    |
| Central City     | ---         | --- | ---  | ---       | ---                           | 340                                   | 430     | 739    |
| Mead             | ---         | --- | ---  | ---       | ---                           | 391                                   | 497     | 727    |
| Rising City      | ---         | --- | ---  | ---       | ---                           | 343                                   | 439     | 724    |
| SW Imperial      | ---         | --- | ---  | ---       | ---                           | ---                                   | ---     | ---    |
| North Platte     | 88          | 42  | 59   | -7        | .89                           | 293                                   | 370     | 620    |
| McCook           | ---         | --- | ---  | ---       | ---                           | 345                                   | 436     | 708    |
| SC Holdrege      | ---         | --- | ---  | ---       | ---                           | 344                                   | 438     | 692    |
| Red Cloud        | ---         | --- | ---  | ---       | ---                           | 370                                   | 473     | 738    |
| SE Beatrice      | ---         | --- | ---  | ---       | ---                           | 378                                   | 490     | 724    |
| Clay Center      | ---         | --- | ---  | ---       | ---                           | 341                                   | 437     | 702    |

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.