

# NEBRASKA WEATHER & CROPS

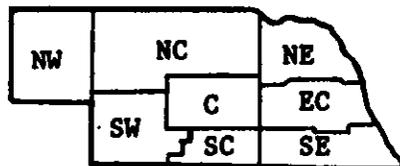
Ann 1950 4/7/86



For Week Ending 4-6-86

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## WEATHER

Showers and thunderstorms were common at the beginning and mid week. Rainfall of two to four inches was reported at several locations; however, one- to two-inch amounts were most common. Average temperatures ranged from two degrees above normal in the Panhandle up to twelve degrees above normal in the east.

## GENERAL

Mild conditions have allowed Nebraska producers to get a head start on spring fieldwork this year. Sugar beet planting was moving smoothly in the west and seeding of spring small grains was progressing well until storms moved into the State during the week. Although the rain stopped fieldwork, it should insure good moisture conditions for germination. Fieldwork activities included plowing, discing, chiseling, applying fertilizer, limited weed spraying and manure spreading. Others were busy with machinery repair, purchasing crop inputs and signing up for the new farm program. Number of days suitable for fieldwork averaged 3.8.

Topsoil moisture condition rated 3% short, 49% adequate and 48% surplus. Subsoil moisture condition rated 8% short, 75% adequate and 17% surplus. A year ago, topsoil moisture rated 36% short, 62% adequate and 2% surplus. Subsoil moisture supplies were 26% short and 74% adequate.

## Precipitation, April 1 - April 4, 1986

|                            | NW   | NC   | NE  | CEN  | EC   | SW   | SC  | SE   |
|----------------------------|------|------|-----|------|------|------|-----|------|
| Total past week .....      | 1.89 | 1.16 | .97 | 1.75 | 1.57 | 1.40 | .40 | 1.47 |
| Total since April 1 .....  | 1.89 | 1.16 | .97 | 1.75 | 1.57 | 1.40 | .40 | 1.47 |
| Normal since April 1 ..... | .20  | .20  | .28 | .24  | .29  | .20  | .24 | .31  |

## CROPS

Winter wheat condition rated 16% fair, 69% good, and 15% excellent. Reports of winter kill remained very light. A few isolated cases of wheat streak mosaic and soil borne mosaic surfaced in the southwest and south central districts. Development of pennycress in the southeastern district appeared to be ahead of normal.

Oat seeding was 30% complete compared to 55% last year and a 5-year average of 25%. Seeding progress in the northeastern district was lagging behind the remainder of the State due to wet soils. Seeding was most advanced in the southern and eastern crop reporting districts.

## LIVESTOCK

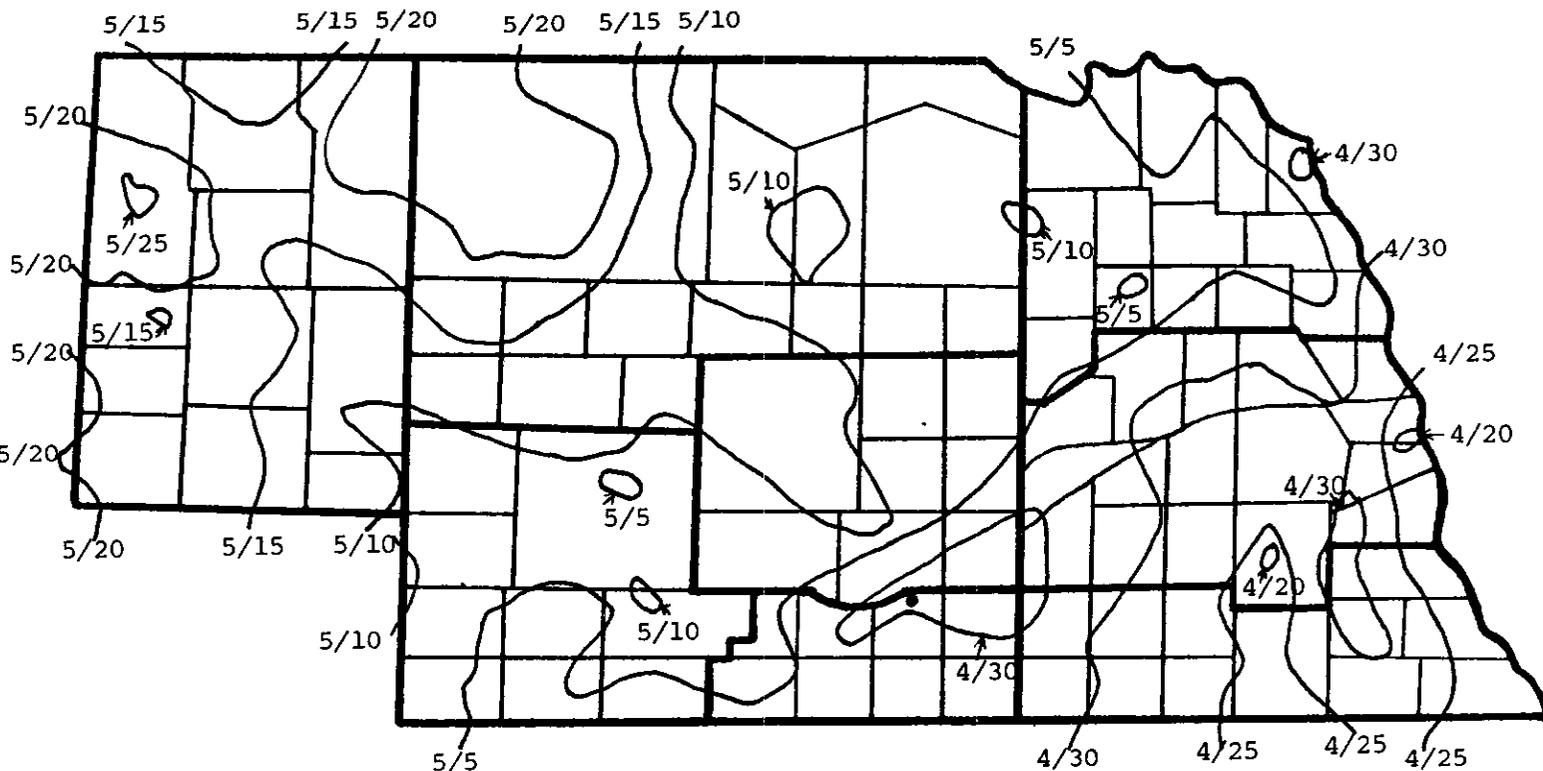
Pasture and range feed supplies rated mostly adequate to short. Some early movement of cattle to pastures was beginning to take place. The calving season was well underway with relatively few difficulties. However, wet, muddy conditions that developed last week caused some stress to newborn calves. Overall, generally excellent weather has allowed calving and lambing to progress favorably with minimum death losses.

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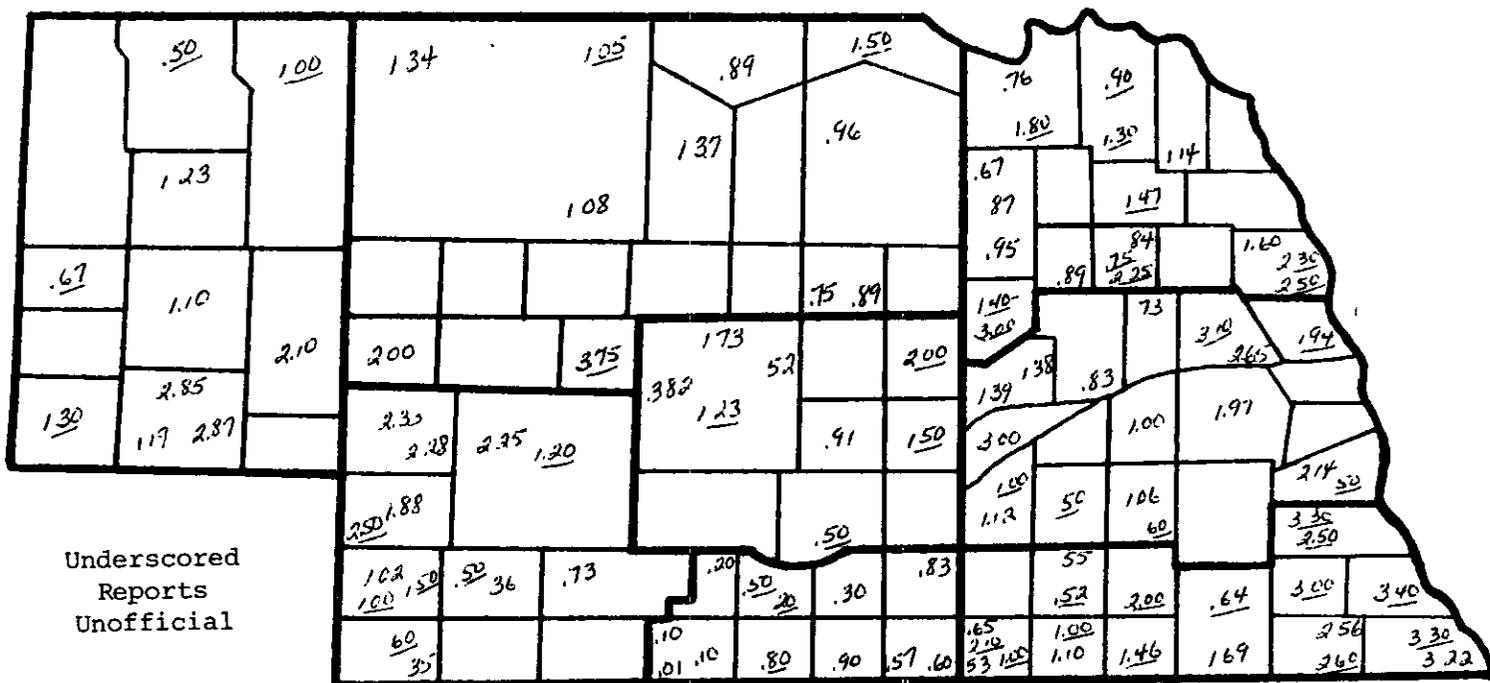
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AVERAGE DATE OF LAST 32°F TEMPERATURE IN SPRING 1/



1/ Map based on data from the 50-year period 1921-1970.

PRECIPITATION MAP FOR WEEK ENDING FRIDAY, APRIL 4, 1986



Underscored Reports Unofficial

TEMPERATURE AND PRECIPITATION DATA FOR WEEK ENDING SUNDAY, APRIL 6, 1986

| Station          | Temperature |     |      |           | Precipitation   |
|------------------|-------------|-----|------|-----------|-----------------|
|                  | Extremes    |     | Mean | Departure | Total Inches 1/ |
|                  | Max         | Min |      |           |                 |
| NW Chadron       | 70          | 24  | 43   | --        | .85             |
| Scottsbluff      | 72          | 20  | 43   | +2        | .67             |
| Sidney           | 70          | 17  | 43   | --        | 2.39            |
| NC Ord           | --          | --  | --   | --        | --              |
| Valentine        | 75          | 22  | 43   | +3        | 1.39            |
| NE Norfolk       | 80          | 31  | 53   | +11       | 1.03            |
| Sioux City       | 84          | 35  | 54   | +11       | 1.64            |
| CEN Grand Island | 83          | 34  | 54   | +10       | .48             |
| EC Lincoln       | 84          | 34  | 57   | +12       | 1.23            |
| Omaha            | 84          | 37  | 55   | +11       | 3.74            |
| SW Imperial      | --          | --  | --   | --        | --              |
| North Platte     | 76          | 24  | 47   | +5        | 2.28            |

1/ Precipitation totals not included in map above.