



# Nebraska Weather and Crops

100 Centennial Mall North, Room 298, Lincoln, Nebraska 68508  
(402) 437-5541 · (402) 437-5547 FAX · [www.nass.usda.gov](http://www.nass.usda.gov)



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**Agricultural Summary:** For the week ending July 29, 2007, rains across the Panhandle eased crop and livestock stress, according to USDA's National Agricultural Statistics Service, Nebraska Field Office. For the first time since the beginning of May, the Panhandle averaged over one and a half inches of precipitation with the heaviest amounts falling in the southern half. Producer activities across the state included irrigating and haying.

**Weather Summary:** Temperatures averaged 1 degree above normal across the state with only the Northwest District seeing triple digit heat. The Northwest District also saw the most precipitation, averaging over one and a half inches. Five districts averaged at least an inch while most of the North Central and Northeast Districts remained dry.

**Soil Moisture and Days Suitable For Fieldwork:  
Nebraska, Week Ending July 29, 2007**

|                      | This Week | Last Week | Last Year | Average |
|----------------------|-----------|-----------|-----------|---------|
| <i>Percent</i>       |           |           |           |         |
| <b>Topsoil</b>       |           |           |           |         |
| Very Short           | 11        | 17        | 50        | 36      |
| Short                | 34        | 37        | 33        | 31      |
| Adequate             | 51        | 44        | 17        | 32      |
| Surplus              | 4         | 2         | 0         | 1       |
| <b>Subsoil</b>       |           |           |           |         |
| Very Short           | 12        | 14        | 47        | 39      |
| Short                | 36        | 35        | 37        | 34      |
| Adequate             | 51        | 51        | 16        | 27      |
| Surplus              | 1         | 0         | 0         | 0       |
| <b>Days Suitable</b> | 6.0       | 6.0       | 6.7       | 6.2     |

**Field Crops Report:** Corn conditions rated 1 percent very poor, 5 poor, 19 fair, 49 good, and 26 excellent, well above last year's 54 percent good or excellent rating. Irrigated fields rated 88 percent good or excellent while dryland fields rated 56, both above year ago levels. Corn silked was 92 percent, behind last year's 93 but ahead of the 87 average. Corn in the dough stage was 31 percent, ahead of last year's 26 and 20 average. Corn in the dent stage was 2 percent, ahead of the 1 of last year and average.

Soybean conditions rated 1 percent very poor, 4 poor, 29 fair, 51 good, and 15 excellent, well above last year's 38 percent good or excellent condition. Soybeans blooming were 82 percent, behind last year's 89 and 86 average. Soybeans setting pods was 46 percent, behind last year's 59 but ahead of the 43 average.

Wheat harvested was 99 percent, even with last year and ahead of the 97 average.

Alfalfa conditions rated 6 percent very poor, 13 poor, 29 fair, 41 good, and 11 excellent, well above last year's 21 percent good or excellent condition. Second cutting was 95 percent complete, behind last year's 96 but ahead of the 94 average.

Third cutting was 15 percent complete, behind last year's 23 and 18 average. Wild hay conditions rated 1 percent very poor, 5 poor, 27 fair, 57 good, and 10 excellent, well above last year's 16 percent good or excellent condition.

Oats harvested was 88 percent, behind last year's 90 but ahead of the 86 average.

Sorghum conditions rated 1 percent very poor, 1 poor, 16 fair, 62 good, and 20 excellent, well above last year's 41 percent good or excellent condition. Sorghum headed was 27 percent, behind last year's 48 and 31 average.

Dry bean conditions rated 1 percent very poor, 5 poor, 25 fair, 59 good, and 10 excellent, well above last year's 48 percent good or excellent condition. Dry beans blooming were 65 percent, behind last year's 86 but ahead of the 64 average. Dry beans setting pods were 11 percent, well behind last year's 26 and 23 average.

**Crop Progress: Nebraska, Week Ending July 29, 2007**

| Crop                            | This Week | Last Week | Last Year | Average |
|---------------------------------|-----------|-----------|-----------|---------|
| <i>Percent</i>                  |           |           |           |         |
| Alfalfa 2 <sup>nd</sup> Cutting | 95        | 86        | 96        | 94      |
| Alfalfa 3 <sup>rd</sup> Cutting | 15        | 6         | 23        | 18      |
| Corn Silked                     | 92        | 79        | 93        | 87      |
| Corn Dough                      | 31        | 9         | 26        | 20      |
| Corn Dent                       | 2         |           | 1         | 1       |
| Dry Beans Blooming              | 65        | 35        | 86        | 64      |
| Dry Beans Setting Pods          | 11        | 2         | 26        | 23      |
| Oats Harvested                  | 88        | 67        | 90        | 86      |
| Sorghum Headed                  | 27        | 4         | 48        | 31      |
| Soybeans Blooming               | 82        | 71        | 89        | 86      |
| Soybeans Setting Pods           | 46        | 26        | 59        | 43      |
| Wheat Harvested                 | 99        | 92        | 99        | 97      |

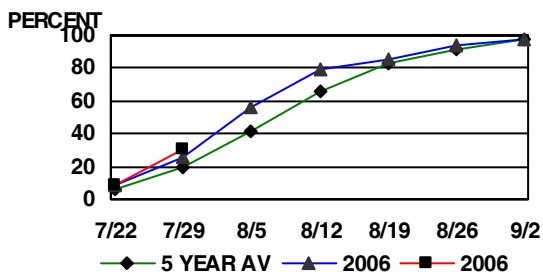
**Crop Condition: Nebraska, Week Ending July 29, 2007**

| Crop           | Very Poor | Poor | Fair | Good | Excellent |
|----------------|-----------|------|------|------|-----------|
| <i>Percent</i> |           |      |      |      |           |
| Alfalfa        | 6         | 13   | 29   | 41   | 11        |
| Corn           | 1         | 5    | 19   | 49   | 26        |
| Dry Beans      | 1         | 5    | 25   | 59   | 10        |
| Sorghum        | 1         | 1    | 16   | 62   | 20        |
| Soybeans       | 1         | 4    | 29   | 51   | 15        |
| Wild Hay       | 1         | 5    | 27   | 57   | 10        |

**Livestock, Pasture and Range Report:** Pasture and range conditions rated 4 percent very poor, 14 poor, 31 fair, 43 good, and 8 excellent, well above last year's 6 percent good or excellent condition.

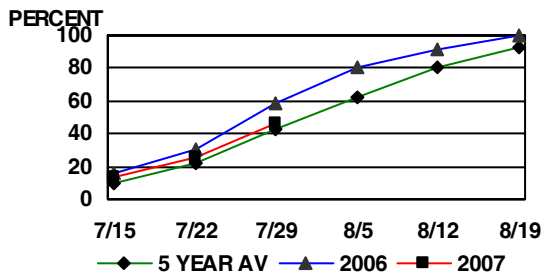
*This release is based on data from FSA county directors, county extension educators, NOAA, and the High Plains Regional Climate Center. County comments and reports can be found at: [http://www.nass.usda.gov/Statistics/by\\_State/Nebraska/Publications/Crop\\_Progress\\_&\\_Condition/cmts\\_cur.htm](http://www.nass.usda.gov/Statistics/by_State/Nebraska/Publications/Crop_Progress_&_Condition/cmts_cur.htm)*

**CORN DOUGH**



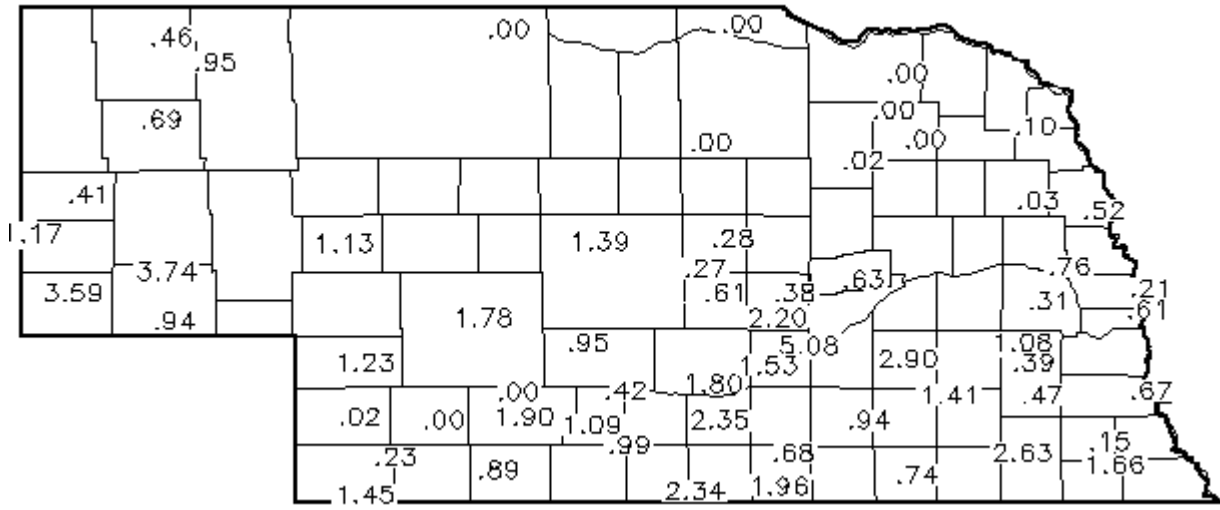
**PROGRESS AS OF SUNDAY**

**SOYBEANS SETTING PODS**



**PROGRESS AS OF SUNDAY**

**Precipitation in Inches for Week Ending 8:00 a.m. July 29, 2007**



**Precipitation: By District, Nebraska, April 1 – July 29, 2007**

| Item                 | NW   | NC    | NE    | CEN   | EC    | SW    | SC    | SE    |
|----------------------|------|-------|-------|-------|-------|-------|-------|-------|
| Total past week      | 1.84 | .18   | .07   | 1.39  | 1.07  | .88   | 1.62  | 1.06  |
| Total since April 1  | 8.01 | 13.76 | 14.13 | 20.82 | 16.21 | 15.91 | 18.45 | 15.88 |
| Normal since April 1 | 9.85 | 11.80 | 13.86 | 12.91 | 14.10 | 11.68 | 12.63 | 14.43 |
| Total as % of normal | 79%  | 116%  | 102%  | 162%  | 115%  | 135%  | 145%  | 110%  |

**Temperature and Growing Degree Days: By Location, Nebraska,  
Week Ending Sunday, July 29, 2007**

| Station | Temperature  |     |         |           | Growing Degree Days<br>Since April 15 |         |        |      |
|---------|--------------|-----|---------|-----------|---------------------------------------|---------|--------|------|
|         | Extremes     |     | Average | Departure | Last<br>Week                          | Current | Normal |      |
|         | High         | Low |         |           |                                       |         |        |      |
| NW      | Alliance     | 99  | 60      | 75        | +1                                    | 155     | 1622   | 1581 |
|         | Scottsbluff  | 100 | 62      | 76        | +3                                    | 167     | 1771   | 1575 |
|         | Sidney       | 97  | 59      | 75        | +1                                    | 162     | 1615   | 1630 |
| NC      | Ainsworth    | 97  | 56      | 78        | +2                                    | 174     | 1770   | 1782 |
|         | Arthur       | 96  | 61      | 75        | -1                                    | 152     | 1606   | 1743 |
|         | O'Neill      | 98  | 58      | 78        | +3                                    | 178     | 1822   | 1809 |
| NE      | Concord      | 90  | 65      | 76        | 0                                     | 181     | 1914   | 1864 |
|         | Elgin        | 94  | 64      | 77        | +1                                    | 179     | 1870   | 1839 |
|         | West Point   | 91  | 65      | 77        | 0                                     | 187     | 1964   | 1942 |
| C       | Grand Island | 93  | 66      | 77        | +1                                    | 176     | 1924   | 1811 |
|         | Lexington    | 93  | 65      | 76        | 0                                     | 172     | 1814   | 1780 |
|         | Ord          | 95  | 66      | 77        | +1                                    | 175     | 1860   | 1805 |
| EC      | Central City | 93  | 66      | 77        | 0                                     | 179     | 1959   | 1844 |
|         | Lincoln      | 96  | 67      | 80        | +2                                    | 196     | 2139   | 1991 |
|         | Mead         | 95  | 64      | 78        | 0                                     | 186     | 2025   | 1988 |
| SW      | Champion     | 97  | 58      | 75        | 0                                     | 158     | 1697   | 1748 |
|         | Dickens      | 92  | 63      | 76        | 0                                     | 169     | 1717   | 1762 |
|         | McCook       | 97  | 64      | 77        | +2                                    | 175     | 1915   | 1771 |
| SC      | Minden       | 93  | 66      | 76        | +1                                    | 175     | 1893   | 1791 |
|         | Red Cloud    | 96  | 67      | 78        | +2                                    | 185     | 1974   | 1830 |
|         | Smithfield   | 92  | 65      | 76        | 0                                     | 172     | 1821   | 1784 |
| SE      | Beatrice     | 95  | 67      | 78        | 0                                     | 188     | 2021   | 1991 |
|         | Clay Center  | 93  | 65      | 77        | 0                                     | 176     | 1874   | 1829 |
|         | Nemaha       | 93  | 66      | 78        | -1                                    | 188     | 2180   | 1996 |

Source: High Plains Regional Climate Center and Nebraska State Climate Office