

# SOUTH DAKOTA WEEKLY CROP-WEATHER REPORT


 SOUTH DAKOTA  
 FIELD OFFICE  
 NATIONAL AGRICULTURAL  
 STATISTICS SERVICE  
 P.O. Box 5068  
 Sioux Falls, South Dakota 57117-5068  
 Cooperating with  
 SOUTH DAKOTA STATE UNIVERSITY  
 AGRICULTURAL EXTENSION SERVICE  
 and  
 U.S. DEPARTMENT OF AGRICULTURE  
 FARM SERVICE AGENCY

Released: June 26, 2006 -- 3:00 p.m. CST  
 For Week Ending June 25, 2006  
 SD-CW5525 Volume 55 Issue 25

**AGRICULTURAL SUMMARY:** Temperatures were below normal for most areas across the state last week. Precipitation amounts were greatest in the southeastern areas. The combination of warm weather and rain advanced row crop development, with small grain development remaining well ahead of normal. Major farm activities included haying, cultivation, spraying, and tending to livestock. Statewide, there were 5.8 days reported suitable for fieldwork.

This report is based on information from county extension educators, Farm Service Agency county directors, and other reporters across the state.

**WEATHER INFORMATION:** Average temperatures last week ranged from 4 degrees below normal to 3 degrees above normal. Last week's high temperature, 92 degrees, was reported in Onida and Pierre. The low temperature was 41 degrees in Porcupine. Precipitation totals ranged from 0 inches in Bison to 1.54 inches in Pickstown.

**SOIL CONDITION:** Topsoil and subsoil moisture levels improved slightly last week. Topsoil moisture levels improved to 55 percent adequate to surplus, compared to last week's 49 percent. Subsoil moisture improved to 51 percent adequate to surplus, compared to last week's 45 percent.

**FIELD CROPS REPORT:** Moisture and warmer weather contributed to the advancement of row crop development this past week. Average corn height increased to 22 inches, compared to the five-year average of 16 inches. Soybean emergence is at 99 percent, while 1 percent is blooming. Sorghum emergence is at 92 percent, ahead of last year's 68 percent. Sunflower planting is at 97 percent, ahead of last year's 85 percent and the five-year average of 92 percent. Winter wheat turning color is at 80 percent, while 10 percent is reported ripe, compared to the five-year averages of 25 percent turning color and 0 percent ripe. Small grain development remains ahead of both last year and the five-year averages.

**LIVESTOCK, PASTURE, AND RANGE REPORT:** Cattle and sheep remain in mostly good to excellent condition. Range and pasture conditions improved slightly across the state. Stock water supplies slightly increased, with 59 percent in adequate to surplus supply. First cutting of alfalfa hay advanced to 87 percent complete, while second cutting of alfalfa hay advanced to 7 percent complete.

## FEED AND WATER SUPPLIES COMPARISON AS OF JUNE 25, 2006

| RATING     | FEED SUPPLIES |           |            | STOCK WATER SUPPLIES |           |            |
|------------|---------------|-----------|------------|----------------------|-----------|------------|
|            | This Year     | Last Year | 5-Yr. Ave. | This Year            | Last Year | 5-Yr. Ave. |
|            | Percent       |           |            |                      |           |            |
| Very Short | 9             | 3         | 11         | 16                   | 8         | 15         |
| Short      | 29            | 6         | 17         | 25                   | 15        | 19         |
| Adeq.      | 59            | 81        | 67         | 57                   | 67        | 59         |
| Surplus    | 3             | 10        | 5          | 2                    | 10        | 7          |

## SOIL MOISTURE CONDITION COMPARISON AS OF JUNE 25, 2006

| RATING     | TOPSOIL   |           |           | SUBSOIL   |           |           |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|
|            | This Week | Last Week | Last Year | This Week | Last Week | Last Year |
|            | Percent   |           |           |           |           |           |
| Very Short | 24        | 25        | 2         | 26        | 31        | 4         |
| Short      | 21        | 26        | 3         | 23        | 24        | 7         |
| Adeq.      | 54        | 46        | 75        | 49        | 42        | 71        |
| Surplus    | 1         | 3         | 20        | 2         | 3         | 18        |

## CROP AND LIVESTOCK CONDITIONS AS OF JUNE 25, 2006

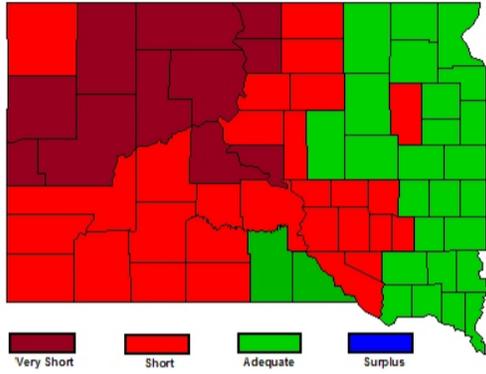
| ITEM            | V POOR  | POOR | FAIR | GOOD | EXCEL |
|-----------------|---------|------|------|------|-------|
|                 | Percent |      |      |      |       |
| Winter Wheat    | 31      | 30   | 26   | 12   | 1     |
| Spring Wheat    | 26      | 23   | 25   | 22   | 4     |
| Barley          | 20      | 16   | 33   | 29   | 2     |
| Oats            | 20      | 25   | 27   | 25   | 3     |
| Corn            | 2       | 6    | 22   | 49   | 21    |
| Soybeans        | 1       | 6    | 25   | 51   | 17    |
| Sorghum         | 12      | 14   | 62   | 12   | 0     |
| Sunflower       | 12      | 14   | 44   | 29   | 1     |
| Alfalfa         | 22      | 17   | 22   | 32   | 7     |
| Cattle          | 0       | 1    | 18   | 64   | 17    |
| Sheep           | 0       | 0    | 12   | 67   | 21    |
| Range & Pasture | 17      | 23   | 22   | 33   | 5     |

## CROP PROGRESS AS OF JUNE 25, 2006 1/

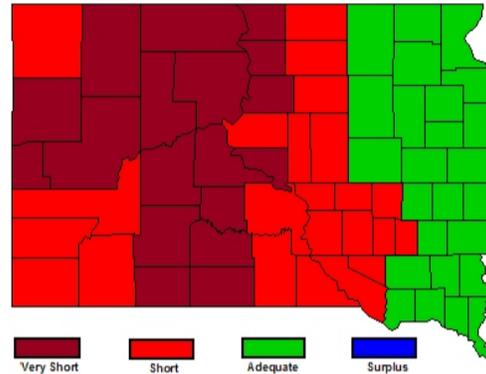
| ITEM                          | This Week | Last Week | Last Year | 5-Yr. Ave |
|-------------------------------|-----------|-----------|-----------|-----------|
|                               | Percent   |           |           |           |
| <b>Barley</b>                 |           |           |           |           |
| boot                          | 95        | 80        | 86        | 83        |
| headed                        | 70        | 47        | 49        | 46        |
| turning color                 | 5         | 0         | 1         | 1         |
| <b>Spring wheat</b>           |           |           |           |           |
| boot                          | 97        | 85        | 91        | 88        |
| headed                        | 83        | 56        | 57        | 57        |
| turning color                 | 7         | 2         | 1         | 1         |
| <b>Oats</b>                   |           |           |           |           |
| boot                          | 95        | 88        | 87        | 85        |
| headed                        | 74        | 55        | 46        | 53        |
| turning color                 | 8         | 2         | 1         | 2         |
| <b>Corn</b>                   |           |           |           |           |
| ave.height (in.)              | 22        | 15        | 17        | 16        |
| 1 <sup>st</sup> cult./sprayed | 97        | 90        | 81        | 79        |
| 2 <sup>nd</sup> cult./sprayed | 33        | 24        | 19        | 20        |
| <b>Sorghum</b>                |           |           |           |           |
| emerged                       | 92        | 73        | 68        | 30        |
| <b>Soybeans</b>               |           |           |           |           |
| emerged                       | 99        | 94        | 87        | 95        |
| blooming                      | 1         | 0         | 0         | 1         |
| <b>Sunflower</b>              |           |           |           |           |
| seeded                        | 97        | 91        | 85        | 92        |
| <b>Winter wheat</b>           |           |           |           |           |
| turning color                 | 80        | 47        | 27        | 25        |
| ripe                          | 10        | NA        | 0         | 0         |
| <b>Alfalfa</b>                |           |           |           |           |
| 1 <sup>st</sup> cutting       | 87        | 82        | 52        | 66        |
| 2 <sup>nd</sup> cutting       | 7         | 2         | 1         | 1         |
| <b>Other hay</b>              |           |           |           |           |
| cut                           | 47        | 37        | 23        | 26        |

1/ Percents represent all acreage in or beyond each stage.

**TOPSOIL MOISTURE**  
As of Sunday, June 25, 2006



**SUBSOIL MOISTURE**  
As of Sunday, June 25, 2006



**TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAYS**

WEEK ENDING SUNDAY, June 25, 2006

| Dist. | Station     | Temperature Past Week |                       |      |     | Precipitation      |              |              |                       |              | Growing Degree Days |                       |
|-------|-------------|-----------------------|-----------------------|------|-----|--------------------|--------------|--------------|-----------------------|--------------|---------------------|-----------------------|
|       |             | Average               | Departure from Normal | High | Low | Total              |              |              | Departure from Normal |              | Accum. Total        | Departure from Normal |
|       |             |                       |                       |      |     | Current Week       | Since Jan. 1 | Since Apr. 1 | Since Jan. 1          | Since Apr. 1 |                     |                       |
|       |             | ----- Degrees -----   |                       |      |     | ----- Inches ----- |              |              |                       |              |                     |                       |
| NW    | Bison       | 67                    | -1                    | 85   | 48  | 0.00               | 5.19         | 2.98         | -4.34                 | -4.59        | 878                 | 266                   |
|       | Buffalo     | 64                    | -3                    | 83   | 45  | 0.72               | 5.85         | 5.29         | -1.68                 | -1.06        | 751                 | 184                   |
|       | Dupree      | 68                    | 0                     | 89   | 47  | 0.33               | 5.54         | 3.73         | -3.75                 | -3.87        | 923                 | 229                   |
|       | McIntosh    | 69                    | 2                     | 89   | 50  | 0.28               | 3.92         | 2.86         | -4.71                 | -4.30        | 922                 | 277                   |
|       | Newell      | 67                    | 0                     | 87   | 45  | 0.25               | 8.73         | 7.29         | 0.41                  | 0.47         | 807                 | 213                   |
|       | Timber Lake | 68                    | -1                    | 86   | 49  | 0.33               | 3.61         | 2.38         | -6.06                 | -5.33        | 866                 | 187                   |
| NC    | Aberdeen    | 68                    | -2                    | 84   | 50  | 0.32               | 8.88         | 7.84         | -0.30                 | 0.84         | 848                 | 144                   |
|       | Eureka      | 69                    | 3                     | 86   | 51  | 0.27               | 5.21         | 4.58         | -3.25                 | -2.3         | 947                 | 321                   |
|       | Faulkton    | 69                    | 0                     | 87   | 49  | 0.45               | 4.19         | 2.8          | -5.40                 | -4.69        | 904                 | 236                   |
|       | Mobridge    | 70                    | 2                     | 89   | 50  | 0.23               | 2.52         | 1.99         | -6.66                 | -5.29        | 1007                | 314                   |
|       | Roscoe      | 68                    | -1                    | 86   | 50  | 0.31               | 5.50         | 4.76         | -4.30                 | -3.12        | 764                 | 85                    |
| NE    | Britton     | 69                    | 2                     | 81   | 55  | 0.26               | 8.42         | 6.71         | -0.84                 | -0.84        | 959                 | 231                   |
|       | Clear Lake  | 67                    | -3                    | 83   | 53  | 0.74               | 10.10        | 7.97         | -1.11                 | -0.33        | 767                 | 57                    |
|       | Sisseton    | 69                    | -1                    | 82   | 54  | 0.21               | 8.67         | 7.10         | -1.50                 | -0.64        | 866                 | 109                   |
|       | Webster     | 67                    | -3                    | 79   | 55  | 0.82               | 11.13        | 9.66         | 1.37                  | 2.19         | 801                 | 103                   |
|       | Watertown   | 68                    | -1                    | 83   | 52  | 0.41               | 7.37         | 6.15         | -3.34                 | -2.03        | 824                 | 130                   |
| WC    | Faith       | 68                    | -2                    | 87   | 50  | 0.14               | 4.42         | 2.97         | -4.89                 | -4.53        | 932                 | 245                   |
|       | Milesville  | 70                    | -1                    | 88   | 49  | 0.27               | 5.77         | 4.12         | -3.95                 | -3.68        | 976                 | 221                   |
|       | Long Valley | 69                    | -2                    | 86   | 48  | 0.43               | 6.43         | 4.64         | -3.11                 | -3.03        | 1016                | 280                   |
|       | Philip      | 70                    | -2                    | 89   | 45  | 0.33               | 5.34         | 3.28         | -3.32                 | -3.74        | 998                 | 224                   |
|       | Rapid City  | 69                    | 3                     | 86   | 46  | 0.29               | 6.39         | 4.85         | -2.73                 | -2.33        | 922                 | 341                   |
|       | Spearfish   | 67                    | 1                     | 86   | 49  | 0.72               | 10.12        | 7.99         | -2.74                 | -2.08        | 860                 | 314                   |
| C     | Chamberlain | 71                    | -1                    | 89   | 54  | 0.45               | 5.83         | 3.31         | -3.36                 | -4.11        | 1005                | 147                   |
|       | Highmore    | 70                    | 1                     | 88   | 51  | 0.52               | 6.95         | 5.63         | -2.80                 | -2.05        | 1029                | 282                   |
|       | Huron       | 70                    | 0                     | 88   | 51  | 1.26               | 5.89         | 5.06         | -4.63                 | -2.71        | 941                 | 191                   |
|       | Onida       | 69                    | -2                    | 92   | 48  | 0.41               | 5.74         | 3.82         | -3.78                 | -3.37        | 953                 | 175                   |
|       | Pierre      | 71                    | 1                     | 92   | 50  | 0.24               | 3.78         | 2.32         | -6.18                 | -5.60        | 1061                | 275                   |
| EC    | Brookings   | 67                    | -1                    | 82   | 53  | 0.85               | 9.04         | 7.02         | -1.58                 | -1.62        | 790                 | 163                   |
|       | Madison     | 67                    | -2                    | 83   | 53  | 0.92               | 8.22         | 6.42         | -3.26                 | -1.95        | 854                 | 153                   |
|       | Mitchell    | 69                    | -3                    | 86   | 53  | 1.15               | 10.23        | 7.78         | -1.13                 | -0.95        | 904                 | 48                    |
|       | Sioux Falls | 70                    | -2                    | 85   | 55  | 0.88               | 14.30        | 10.78        | 3.09                  | 2.36         | 965                 | 185                   |
| SW    | Custer      | 60                    | -2                    | 75   | 42  | 0.31               | 8.93         | 6.32         | -0.60                 | -1.33        | 474                 | 154                   |
|       | Hot Springs | 67                    | -2                    | 87   | 44  | 0.53               | 8.01         | 4.46         | -0.26                 | -2.32        | 912                 | 215                   |
|       | Oelrichs    | 68                    | -2                    | 88   | 48  | 1.06               | 10.03        | 7.40         | 0.72                  | 0.01         | 890                 | 178                   |
|       | Porcupine   | 66                    | -4                    | 88   | 41  | 1.14               | 9.84         | 6.75         | 1.37                  | -0.24        | 886                 | 202                   |
| SC    | Murdo       | 70                    | 1                     | 88   | 50  | 0.41               | 6.78         | 3.82         | -3.12                 | -3.82        | 1036                | 310                   |
|       | Winner      | 70                    | -3                    | 85   | 52  | 0.25               | 8.32         | 5.44         | -3.98                 | -4.03        | 1158                | 225                   |
| SE    | Armour      | 71                    | -2                    | 89   | 51  | 1.44               | 8.62         | 6.69         | -3.02                 | -2.07        | 1109                | 204                   |
|       | Centerville | 68                    | -3                    | 85   | 46  | 0.81               | 11.14        | 8.74         | -0.90                 | -0.52        | 1015                | 181                   |
|       | Marion      | 69                    | -2                    | 85   | 54  | 1.10               | 11.78        | 8.74         | -0.07                 | -0.12        | 920                 | 131                   |
|       | Pickstown   | 70                    | -2                    | 87   | 54  | 1.54               | 11.55        | 8.40         | 0.39                  | -0.27        | 1027                | 180                   |
|       | Vermillion  | 72                    | -2                    | 87   | 55  | 0.27               | 11.11        | 8.01         | -0.88                 | -1.35        | 1229                | 229                   |
|       | Yankton     | 70                    | -3                    | 90   | 53  | 0.90               | 14.91        | 10.21        | 3.32                  | 1.13         | 1072                | 210                   |

SOURCE: National Weather Service, provided by AWIS, Inc.