

South Dakota Weekly Crop Weather Report

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For Week Ending June 14, 2009
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U.S. DEPARTMENT OF AGRICULTURE
FARM SERVICE AGENCY

AGRICULTURAL SUMMARY

Cool temperatures and moisture were the weather theme for the past week, with most of the state receiving a nice shower some time during the week. There were 3 days suitable for field work in the past week. Major farm activities included continuing of soybean, sorghum and sunflower planting, as well as spraying of corn and harvesting of hay.

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

WEATHER INFORMATION

South Dakota experienced an extremely cool and somewhat wet period over the last week, according to the State Climate Office of South Dakota. Average temperatures over the state were 7 – 12° F colder than average, an extremely cool period for the summer. Last Sunday several stations set records for the lowest high temperature for the day. Growing degree day totals are reflecting the cool conditions consistently being below average across the state. These totals are a few days to a week behind average accumulation since April 1. Britton recorded the highest temperature of the week at 82° F, while Rapid City and Hot Springs had the lowest at 35° F.

Precipitation was heavy in certain areas of the southwest and southeast; two stations in the southwest (Hot Springs and Oelrichs) totaled nearly 3 inches for the week. The north central and northeast parts of the state were significantly drier. Aberdeen reported the least precipitation for the week at 0.02 of an inch. These precipitation totals helped reduce some of the accumulated spring precipitation deficits. But several stations still had 3-4 inch precipitation deficits since April 1. The additional precipitation also helped to reduce some of the D0 (abnormally dry) areas on the US Drought Monitor map.

SOIL CONDITION

Rain throughout the state helped topsoil moisture increase to 74 percent in the adequate to surplus categories, a gain of 14 percentage points. Subsoil moisture is at 75 percent in the adequate to surplus categories a 6 percentage point increase.

FIELD CROPS REPORT

Field work this past week was slowed due to the rain received over most of the state. Winter wheat is 63 percent headed, a nice 32 percentage point increase over the previous week, but still behind the five year average. Soybeans and sorghum are at 72 and 54 percent emerged, an increase of 20 and 19 percent points, respectively. Corn was at 94 percent emerged, behind the five-year average by only 2 percentage points. Corn height was at 6 inches the past week, which is equal to last years average. Sunflower are at 66 percent planted, which is ahead of the five-year average by 8 percentage points.

LIVESTOCK, PASTURE, AND RANGE REPORT

Cattle conditions rose 4 percentage points this past week to 79 percent in the good to excellent categories. Sheep condition is rated at 81 percent good to excellent, a 2 point increase from the previous week. Also seeing an increase was range and pasture conditions at 71 percent good to excellent, a 4

Feed and Water Supplies Comparison as of June 14, 2009

| Rating | Feed Supplies | | | Stock Water Supplies | | |
|------------|----------------|----------------|----------------|----------------------|----------------|----------------|
| | This Week | Last Year | 5 Yr. Avg. | This Week | Last Year | 5 Yr. Avg. |
| | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> |
| Very Short | 7 | 1 | 6 | 1 | 1 | 11 |
| Short | 9 | 7 | 15 | 3 | 7 | 17 |
| Adequate | 79 | 83 | 73 | 88 | 71 | 61 |
| Surplus | 5 | 9 | 6 | 8 | 22 | 11 |

percentage point jump. Still warmer weather would benefit the livestock and the pasture growth.

Soil Moisture Condition Comparison as of June 14, 2009

| Rating | Topsoil | | | Subsoil | | |
|------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | This Week | Last Week | Last Year | This Week | Last Week | Last Year |
| | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> |
| Very Short | 3 | 4 | 0 | 4 | 4 | 1 |
| Short | 23 | 36 | 1 | 21 | 27 | 5 |
| Adequate | 68 | 58 | 72 | 72 | 67 | 75 |
| Surplus | 6 | 2 | 27 | 3 | 2 | 19 |

Crop and Livestock Conditions as of June 14, 2009

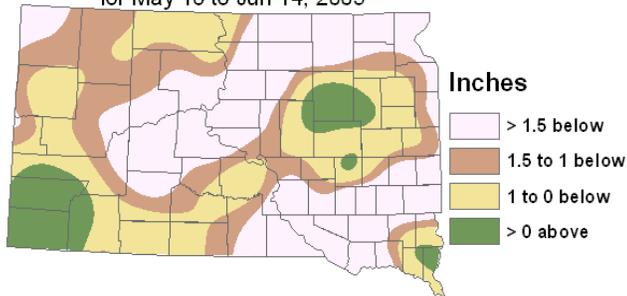
| Item | V Poor | Poor | Fair | Good | Excel |
|-----------------|----------------|----------------|----------------|----------------|----------------|
| | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> |
| Winter Wheat | 2 | 12 | 30 | 51 | 5 |
| Spring Wheat | 0 | 6 | 32 | 50 | 12 |
| Barley | 0 | 4 | 36 | 52 | 8 |
| Oats | 0 | 4 | 37 | 52 | 7 |
| Corn | 0 | 5 | 31 | 58 | 6 |
| Soybeans | 0 | 8 | 37 | 50 | 5 |
| Sorghum | 0 | 2 | 34 | 62 | 2 |
| Sunflower | 0 | 2 | 32 | 64 | 2 |
| Alfalfa | 0 | 8 | 26 | 59 | 7 |
| Cattle | 0 | 4 | 17 | 66 | 13 |
| Sheep | 0 | 3 | 16 | 65 | 16 |
| Range & Pasture | 0 | 4 | 25 | 61 | 10 |

Crop Progress as of June 14, 2009 ¹

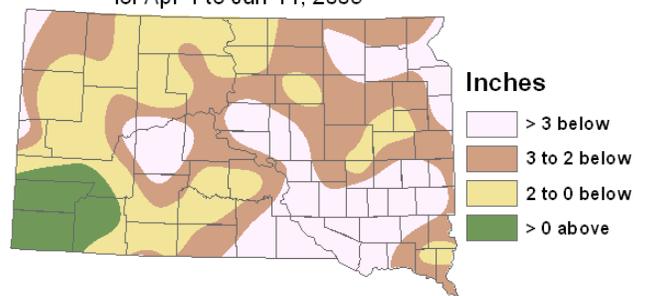
| Item | This Week | Last Week | Last Year | 5-Yr Avg. |
|---------------------|----------------|----------------|----------------|----------------|
| | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> |
| Winter Wheat | | | | |
| Boot | 93 | 81 | 89 | 97 |
| Headed | 63 | 31 | 50 | 79 |
| Turning Color | 0 | 0 | 2 | 8 |
| Barley | | | | |
| Boot | 56 | 21 | 16 | 51 |
| Headed | 18 | 1 | 3 | 13 |
| Oats | | | | |
| Boot | 57 | 19 | 48 | 65 |
| Headed | 14 | 1 | 6 | 21 |
| Spring Wheat | | | | |
| Boot | 58 | 16 | 44 | 66 |
| Headed | 11 | 1 | 10 | 21 |
| Corn | | | | |
| Emerged | 94 | 83 | 90 | 96 |
| Ave. Height (in.) | 6 | 4 | 6 | 9 |
| 1st cult./spray | 51 | 42 | 47 | 61 |
| 2nd cult./spray | 3 | 1 | 3 | 8 |
| Soybeans | | | | |
| Planted | 93 | 88 | 86 | 91 |
| Emerged | 72 | 52 | 56 | 73 |
| Sorghum | | | | |
| Planted | 83 | 81 | 71 | 75 |
| Emerged | 54 | 35 | 31 | 43 |
| Sunflower | | | | |
| Planted | 66 | 40 | 43 | 58 |
| Alfalfa | | | | |
| 1st Cutting | 32 | 17 | 22 | 37 |
| Other Hay | | | | |
| Cut | 11 | 4 | 8 | 12 |

¹ Percents represent all acreage in or beyond each stage.

PAST 30 DAYS
Accumulated Precip Deviation from Average
for May 16 to Jun 14, 2009



GROWING SEASON
Accumulated Precip Deviation from Average
for Apr 1 to Jun 14, 2009



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, June 14, 2009

| District And Station | Temperatures Past Week | | | | Precipitation | | | | | Growing Degree Days | |
|----------------------------|------------------------|-----------------------------|----------------|----------------|-----------------|-----------------|-----------------|--------------------------|-----------------|---------------------|--------------------------|
| | Average | Departure From Normal | High | Low | Total | | | Departure From Normal | | Total | Departure From Normal |
| | | | | | Current Week | Since Oct. 1 | Since Apr. 1 | Since Oct. 1 | Since Apr. 1 | | |
| | <i>Degrees</i> | <i>Degrees</i> | <i>Degrees</i> | <i>Degrees</i> | <i>Inches</i> | <i>Inches</i> | <i>Inches</i> | <i>Inches</i> | <i>Inches</i> | | |
| Northwest | | | | | | | | | | | |
| Bison | 56 | -9 | 77 | 37 | 0.42 | 14.16 | 4.19 | 3.30 | -2.00 | 510 | -103 |
| Buffalo | 55 | -7 | 76 | 38 | 0.27 | 10.24 | 3.75 | -0.02 | -2.58 | 430 | -60 |
| Dupree | 56 | -10 | 79 | 38 | 0.25 | 13.64 | 6.24 | 2.61 | -0.33 | 548 | -82 |
| McIntosh | 55 | -10 | 78 | 40 | 0.36 | 11.53 | 4.32 | 1.93 | -1.36 | 460 | -172 |
| Newell | 53 | -12 | 74 | 39 | 0.99 | 11.70 | 5.21 | 1.82 | -0.58 | 458 | -133 |
| Timber Lake | 56 | -9 | 78 | 40 | 0.21 | 12.65 | 3.96 | 1.30 | -2.43 | 564 | -48 |
| North Central | | | | | | | | | | | |
| Aberdeen | 58 | -8 | 81 | 41 | 0.02 | 11.51 | 2.93 | 0.31 | -3.21 | 546 | -87 |
| Faulkton | 57 | -9 | 79 | 43 | 0.61 | 11.55 | 4.80 | -0.32 | -1.61 | 551 | -86 |
| Mobridge | 58 | -8 | 80 | 38 | 1.05 | 11.73 | 5.09 | 1.81 | -0.58 | 520 | -96 |
| Roscoe | 56 | -8 | 80 | 42 | 0.51 | 12.06 | 4.42 | 0.38 | -2.31 | 500 | -54 |
| Northeast | | | | | | | | | | | |
| Britton | 57 | -8 | 82 | 39 | 0.60 | 14.86 | 3.47 | 3.77 | -2.66 | 490 | -159 |
| Clear Lake | 55 | -10 | 76 | 44 | 1.36 | 15.82 | 4.00 | 1.37 | -3.34 | 463 | -88 |
| Sisseton | 60 | -5 | 81 | 46 | 0.40 | 15.10 | 3.36 | 2.45 | -2.98 | 537 | -83 |
| Watertown | 57 | -8 | 76 | 43 | 1.28 | 13.02 | 4.17 | 1.02 | -2.26 | 477 | -58 |
| Webster | 59 | -7 | 78 | 46 | 0.79 | 12.44 | 2.81 | 0.97 | -3.22 | 483 | -77 |
| West Central | | | | | | | | | | | |
| Faith | 55 | -11 | 76 | 42 | 0.08 | 10.53 | 4.74 | -0.48 | -1.56 | 458 | -190 |
| Milesville | 57 | -10 | 78 | 40 | 0.39 | 9.82 | 2.72 | -2.00 | -4.15 | 574 | -109 |
| Philip | 58 | -8 | 81 | 40 | 0.23 | 9.33 | 2.89 | -1.23 | -3.45 | 586 | -108 |
| Rapid City | 53 | -10 | 73 | 35 | 1.28 | 12.58 | 6.45 | 2.11 | 0.23 | 458 | -91 |
| Spearfish | 55 | -9 | 72 | 40 | 1.41 | 14.38 | 4.80 | -0.01 | -3.13 | 529 | -24 |
| Central | | | | | | | | | | | |
| Chamberlain | 60 | -7 | 77 | 46 | 0.68 | 10.88 | 4.17 | -2.54 | -3.50 | 609 | -60 |
| Highmore | 57 | -9 | 77 | 41 | 0.71 | 8.76 | 3.38 | -3.54 | -3.68 | 527 | -119 |
| Huron | 59 | -8 | 78 | 45 | 0.56 | 14.16 | 4.68 | 1.73 | -2.15 | 587 | -77 |
| Onida | 57 | -9 | 79 | 40 | 0.19 | 9.30 | 3.00 | -2.54 | -3.26 | 535 | -111 |
| Pierre | 58 | -10 | 78 | 42 | 0.35 | 10.55 | 3.95 | -1.35 | -2.88 | 571 | -137 |
| East Central | | | | | | | | | | | |
| Brookings | 55 | -10 | 76 | 41 | 0.95 | 13.08 | 4.65 | 1.07 | -2.29 | 489 | -89 |
| Forestburg | 60 | -8 | 77 | 46 | 1.21 | 13.92 | 5.61 | 0.35 | -1.96 | 693 | -66 |
| Madison | 57 | -8 | 76 | 42 | 0.34 | 11.25 | 3.70 | -3.04 | -4.00 | 564 | -13 |
| Mitchell | 61 | -7 | 77 | 48 | 0.25 | 12.13 | 2.84 | -1.66 | -4.88 | 662 | -31 |
| Sioux Falls | 60 | -7 | 76 | 44 | 0.57 | 13.75 | 4.42 | -0.61 | -3.30 | 615 | -59 |
| Southwest | | | | | | | | | | | |
| Custer | 49 | -9 | 68 | 36 | 1.98 | 11.78 | 8.12 | 0.12 | 1.21 | 318 | -95 |
| Hot Springs | 55 | -9 | 75 | 35 | 2.87 | 12.59 | 8.46 | 2.37 | 2.11 | 612 | -81 |
| Oelrichs | 56 | -10 | 77 | 40 | 2.97 | 15.23 | 8.29 | 4.49 | 1.81 | 573 | -102 |
| Porcupine | 53 | -12 | 76 | 41 | 1.84 | 14.23 | 6.74 | 3.84 | 0.63 | 562 | -87 |
| South Central | | | | | | | | | | | |
| Kennebec | 59 | -10 | 77 | 44 | 1.79 | 11.00 | 4.66 | 0.10 | -1.82 | 682 | -126 |
| Mission | 55 | -11 | 77 | 43 | 1.45 | 11.76 | 5.09 | -0.20 | -2.17 | 531 | -67 |
| Murdo | 56 | -11 | 79 | 45 | 1.49 | 12.46 | 5.22 | 0.14 | -1.55 | 553 | -95 |
| Winner | 60 | -9 | 78 | 47 | 0.60 | 11.31 | 4.82 | -3.09 | -3.28 | 623 | -188 |
| Southeast | | | | | | | | | | | |
| Armour | 59 | -10 | 77 | 47 | 0.45 | 10.23 | 3.35 | -4.06 | -4.45 | 624 | -194 |
| Centerville | 59 | -10 | 76 | 47 | 2.22 | 15.49 | 6.21 | 1.19 | -1.79 | 620 | -98 |
| Pickstown | 57 | -11 | 75 | 47 | 0.60 | 11.12 | 2.74 | -2.88 | -5.41 | 629 | -98 |
| Vermillion | 60 | -10 | 74 | 46 | 1.49 | 17.06 | 5.82 | 2.25 | -2.37 | 752 | -132 |
| Yankton | 59 | -9 | 76 | 49 | 1.14 | 16.25 | 5.82 | 1.65 | -2.44 | 667 | -77 |

DATA AND MAP SOURCE: State Climate Office of South Dakota