AGRICULTURAL SUMMARY

Conditions continued to decline, as the area endured another week of high temperatures and minimal moisture. Dry conditions allowed for 6.9 days suitable for field work. Major activities last week included harvesting of small grains, hauling water for livestock, caring for livestock, and cutting hay.

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

WEATHER INFORMATION

Little change in drought conditions occurred across the state, according to the State Climate Office of South Dakota. Warm and very dry conditions continued to dominate throughout most of the week statewide. All locations in the state were included in some form on the US Drought Monitor map. The worst locations were in D2 (Severe Drought) in the south central and far west.

Average temperatures were in the 70’s to low 80’s. These temperatures ranged from near to slightly above average across most of the southern part of the state to over 5° F above average across the north. Daily temperatures once again reached triple digits in much of the west. Highs in the northeast reached around 90° F for a high. Milesville had the high for the week at 107° F. Custer had the low at 50° F.

Precipitation for the week was very light or nonexistent across nearly the whole state. Most locations received very light totals. A few isolated stations (not in this report) received more than an inch of precipitation. All stations reported here received much less than an inch. Webster received the highest total at 0.65 inches. Fourteen locations received no precipitation. Many locations statewide (most in the southeast) over the last 30 days are in the top ten driest all time.

SOIL CONDITION

Topsoil moisture dwindled from last week’s 27 percent adequate to surplus to 11 percent in adequate, 38 percent short and 51 percent very short. Subsoil moisture was rated at 15 percent adequate, 46 percent short and 39 percent very short.

FIELD CROPS REPORT

Small grain harvest was underway with winter wheat at 82 percent harvested, oats at 48 percent, spring wheat at 12 percent and barely at 2 percent. All were well ahead of last year and the five year average. Sixty percent of corn had tasseled, with 36 percent in the silked and 3 percent in the dough stage. Soybeans were at 74 percent blooming with 12 percent setting pods ahead of the five year average of 3 percent setting pods. Sorghum had 12 percent of the crop headed. Sunflowers were at 8 percent blooming ahead of the five year average of 2 percent.

LIVESTOCK, PASTURE, AND RANGE REPORT

Cattle conditions were rated 77 percent in the good to excellent range, while sheep conditions were rated 85 percent good to excellent. Stock water supplies were 10 percent very short, 33 percent short and 57 percent adequate. Feed supplies were 7 percent very poor, 35 percent short and 58 percent adequate to surplus. Range and pasture conditions were rated 14 percent very poor, 29 percent poor, 37 percent fair and 20 percent good to excellent.
### PAST 30 DAYS
Accumulated Precip Deviation from Average
From June 16 to July 15, 2012

#### Southeast
- **Yankton**: Average = 1.3, Departure from Normal = -0.6
- **Mendon**: Average = 3.6, Departure from Normal = 0.3

#### South Central
- **Custer**: Average = 2.5, Departure from Normal = 0.8
- **Edison**: Average = 2.1, Departure from Normal = -0.3

#### Southwest
- **Parkston**: Average = 1.9, Departure from Normal = 0.2
- **Brookings**: Average = 2.4, Departure from Normal = 1.1

#### Northwestern Plains
- **Huron**: Average = 2.6, Departure from Normal = 0.8
- **Yankton**: Average = 2.0, Departure from Normal = -0.5

#### Nebraska Sandhills
- **Osage**: Average = 2.2, Departure from Normal = -0.1
- **North Platte**: Average = 3.1, Departure from Normal = 0.5

#### Panhandle Plains
- **Broken Bow**: Average = 2.7, Departure from Normal = 0.9
- **Hartington**: Average = 2.3, Departure from Normal = 0.1

### GROWING SEASON
Accumulated Precip Deviation from Average
From April 1 to July 15, 2012

#### Central Plains
- **Russell**: Average = 2.4, Departure from Normal = 0.7
- **Garden City**: Average = 2.0, Departure from Normal = -0.3

#### Northern Plains
- **Fargo**: Average = 3.0, Departure from Normal = 1.2
- **Berthold**: Average = 3.5, Departure from Normal = 1.7

#### Upper Midwest
- **Hastings**: Average = 2.8, Departure from Normal = 1.0
- **White River**: Average = 2.3, Departure from Normal = -0.5

### TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAYS
Week Ending Sunday, July 15, 2012

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<thead>
<tr>
<th>District And Station</th>
<th>Average</th>
<th>Departure From Normal</th>
<th>Precipitation</th>
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**Northwest**
- **Bismarck**: Average = 78, Departure from Normal = 6, Precipitation = 14,000
- **Fargo**: Average = 74, Departure from Normal = 4, Precipitation = 1,400

**Northeast**
- **Minneapolis**: Average = 76, Departure from Normal = 5, Precipitation = 1,400
- **Mankato**: Average = 77, Departure from Normal = 4, Precipitation = 1,400

**Central**
- **Champaign**: Average = 80, Departure from Normal = 6, Precipitation = 1,400
- **Highland**: Average = 78, Departure from Normal = 4, Precipitation = 1,400

**East Central**
- **Brookings**: Average = 75, Departure from Normal = 5, Precipitation = 1,400
- **Madison**: Average = 76, Departure from Normal = 5, Precipitation = 1,400

**South Central**
- **Kennebunk**: Average = 81, Departure from Normal = 6, Precipitation = 1,400
- **Mission**: Average = 78, Departure from Normal = 5, Precipitation = 1,400

**Southeast**
- **Academy**: Average = 77, Departure from Normal = 4, Precipitation = 1,400
- **Buffalo**: Average = 75, Departure from Normal = 4, Precipitation = 1,400

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*AND MAP SOURCE: State Climate Office of South Dakota*