General: Precipitation and above normal temperatures fostered crop development and improved crop conditions, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. However, some parts of the state remained in need of moisture. According to reporters, isolated hail storms caused some damage to crops. Statewide, on average, there were 4.9 days suitable for fieldwork. Post emergence spraying for control of broadleaf weeds was 67 percent complete, and spraying for wild oats was 76 percent complete. Topsoil moisture supplies were rated 15 percent short, 73 adequate, and 12 surplus. Subsoil moisture supplies were rated 12 percent short, 79 surplus. Subsoil moisture supplies were rated 1 percent very short, 3 percent adequate, and 9 surplus.

Crops: Barley was 73 percent jointed and 28 percent was in the boot stage, ahead of the five year (2007-2011) averages of 21 percent jointed and 2 percent normally in the boot stage, respectively. Durum wheat advanced 42 percentage points to 62 percent jointed, ahead of zero last year and 9 percent on average. Spring wheat was 74 percent jointed and 36 percent was in the boot stage, ahead of the respective averages of 23 percent and 3 percent. Oats were 81 percent jointed and 36 percent were in the boot stage, ahead of 24 percent and 2 percent on average, respectively. Sixty percent of canola was in the rosette stage, compared with zero last year and 18 percent on average. On Sunday, dry edible beans were 91 percent emerged, up from 15 percent last year and the average of 41 percent. Up 26 percentage points from last week, flaxseed was 85 percent emerged. Potatoes were 86 percent emerged, compared with 20 percent last year and 49 percent on average. Sunflowers advanced to 63 percent emerged from last week’s 31 percent. Conditions of small grains were either slightly improved or essentially unchanged. The exception was Durum wheat which worsened slightly since last week. All other crop conditions showed improvement from last week.

Livestock: Pasture and range conditions were 1 percent very poor, 5 poor, 25 fair, 58 good, and 11 excellent. First cuttings of alfalfa and other hay were 15 percent and 49 percent complete, respectively. Hay conditions were rated 3 percentage very poor, 14 percent, 24 poor, 53, good, and 6 excellent. Alfalfa weevils were reported in multiple areas of the state. Stockwater supplies were rated 1 percent very short, 7 short, 87 adequate and 5 surplus.

Small Grains Jointed North Dakota: June 10, 2012

Crop and Pasture Condition North Dakota: June 10, 2012

<table>
<thead>
<tr>
<th>Crop</th>
<th>Very poor</th>
<th>Poor</th>
<th>Fair</th>
<th>Good</th>
<th>Excellent</th>
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<tr>
<td>Barley</td>
<td>(percent)</td>
<td>(percent)</td>
<td>(percent)</td>
<td>(percent)</td>
<td>(percent)</td>
</tr>
<tr>
<td>Durum wheat</td>
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<td>10</td>
<td>82</td>
<td>7</td>
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<td>11</td>
<td>68</td>
<td>20</td>
</tr>
<tr>
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<td>1</td>
<td>13</td>
<td>74</td>
<td>12</td>
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<tr>
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<td>75</td>
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\[1\] Represents zero.

Crop Development Progress – North Dakota

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<tr>
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<td>31</td>
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</table>

\[1\] Represents zero. (NA) Not available.
Weather: Temperatures were above normal statewide. Precipitation was above normal across parts of the west, north central, and northeast and below normal across much of the rest of the state. Highs on Monday were in the 80s to low 90s with rain in the northwest. There were a few showers and thunderstorms in the west on Tuesday with highs in the upper 70s to low 90s. Highs on Wednesday were in the 80s with rain in parts of the west and central. There were severe thunderstorms with large hail reported in parts of the central on Wednesday. Highs on Thursday were in the mid-60s to low 90s with precipitation across much of the state. There were severe thunderstorms reported in the central and east on Thursday. There were showers and thunderstorms in the northwest and north central on Friday with highs in the mid-70s to 80s. Thunderstorms with hail and damaging winds were reported in parts of the northwest and north central late Friday. Highs on Saturday were in the 70s to mid-80s with rain across much of the state. Severe thunderstorms with large hail and damaging winds were reported in parts of the north central and northeast on Saturday. There was rain across much of the state on Sunday with highs in the mid-60s to mid-70s.

Outlook, June 11-June 17: Temperatures will be near normal across much of the state. Precipitation will be near normal in the west and above normal across much of the central and east. Highs on Monday will be in the 80s to mid-90s with a chance of showers statewide. Highs on Tuesday will be in the upper 60s to 70s with a chance of rain in the west. There will be a chance of rain across much of the state on Wednesday with highs in the 70s to low 80s. Highs on Thursday will be in the mid-70s to low 80s with a chance of precipitation in the central and east. There will be a chance of rain across much of the state Friday through Sunday with highs in the 70s to low 80s.

Temperature & Precipitation: Districts and Stations North Dakota, Week ending June 12, 2012

<table>
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<tr>
<th>District</th>
<th>Average Temperature</th>
<th>Seasonal Precipitation Beginning April 1</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Past Week</td>
<td>Depart Normal</td>
</tr>
<tr>
<td></td>
<td>(degrees F)</td>
<td>(degrees F)</td>
</tr>
<tr>
<td>Northwest (1)</td>
<td>66</td>
<td>5</td>
</tr>
<tr>
<td>N. Central (2)</td>
<td>66</td>
<td>5</td>
</tr>
<tr>
<td>Northeast (3)</td>
<td>70</td>
<td>6</td>
</tr>
<tr>
<td>W. Central (4)</td>
<td>66</td>
<td>4</td>
</tr>
<tr>
<td>Central (5)</td>
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<td>5</td>
</tr>
<tr>
<td>E. Central (6)</td>
<td>73</td>
<td>10</td>
</tr>
<tr>
<td>Southwest (7)</td>
<td>65</td>
<td>4</td>
</tr>
<tr>
<td>S. Central (8)</td>
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<td>5</td>
</tr>
<tr>
<td>Southeast (9)</td>
<td>74</td>
<td>10</td>
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</tbody>
</table>

^1 Precipitation amounts may vary due to an inaccurate snowfall melt. ^2 Normal is the 1971-2000 average. Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.

The following links provide further weather-related information and maps for North Dakota:

North Dakota Climatology Working Group provides statewide precipitation maps for the previous week: [http://www.ndsu.edu/ndscio](http://www.ndsu.edu/ndscio)