General: Planting in the eastern parts of the state had another setback as the latest rain and snow storm hit the area, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. Western areas were still in need of moisture as cool, dry conditions continued last week according to reporters. Plantings became more widespread in western areas this past week. In the eastern areas, producers prepared machinery for fieldwork. Topsoil moisture supplies were rated 32 percent very short, 29 short, 36 adequate and 3 surplus, compared with the five-year (2003-2007) average of 6 percent very short, 18 short, 68 adequate and 8 surplus.

Crops: Planting of spring wheat progressed to 6 percent complete, compared with none last year and 5 percent on average. Durum wheat, oats, barley and dry peas were each 3 percent seeded, all ahead of last year. The statewide average starting date for fieldwork is expected to be April 15, one day behind the previous week but ahead of last year. The expected starting date ranged from April 2 in the southwestern district to April 23 in the northeastern district. The statewide five-year (2003-2007) average starting date is April 17.

Livestock: Reporters in western areas remain concerned about water supplies and pasture growth for livestock. Calving and lambing progressed well last week. Calving and lambing were 67 and 78 percent complete, respectively, both behind the five-year average. Shearing gained 6 percentage points to 84 percent complete. Cow conditions were rated 1 percent poor, 14 fair, 71 good and 14 excellent. Sheep conditions were rated 2 percent poor, 19 fair, 65 good and 14 excellent. Lamb conditions were rated 1 percent poor, 17 fair, 68 good and 14 excellent.

Hay and forage supplies were rated 1 percent very short, 7 short, 85 adequate and 7 surplus, compared with last year's rating of 8 percent very short, 16 short, 72 adequate and 4 surplus. Grain and concentrate supplies were 2 percent very short, 7 short, 86 adequate and 5 surplus. Pasture and ranges were 94 percent dormant across the state.

Soil Temperatures: Average soil temperatures on April 13, ranged from a low of 32 degrees F in Wyndmere to a high of 48 in Turtle Lake. These readings reflect daily average temperatures under 4 inches of bare soil recorded by the North Dakota Agricultural Weather Network (NDAWN).
**NORTH DAKOTA CROP WEATHER REPORT**, Week Ending April 13, 2008

**Soil Moisture Supplies**

North Dakota, Week Ending April 13, 2008

<table>
<thead>
<tr>
<th>Date</th>
<th>April 13, 2008</th>
<th>April 6, 2008</th>
<th>April 13, 2007</th>
<th>2003-2007 Avg</th>
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<tbody>
<tr>
<td>Topsoil</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Very Short</td>
<td>32</td>
<td>31</td>
<td>1</td>
<td>6</td>
</tr>
<tr>
<td>Short</td>
<td>29</td>
<td>31</td>
<td>13</td>
<td>18</td>
</tr>
<tr>
<td>Adequate</td>
<td>36</td>
<td>35</td>
<td>78</td>
<td>68</td>
</tr>
<tr>
<td>Surplus</td>
<td>3</td>
<td>3</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td>Subsoil</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Very Short</td>
<td>32</td>
<td>26</td>
<td>7</td>
<td>10</td>
</tr>
<tr>
<td>Short</td>
<td>31</td>
<td>37</td>
<td>35</td>
<td>25</td>
</tr>
<tr>
<td>Adequate</td>
<td>36</td>
<td>30</td>
<td>55</td>
<td>60</td>
</tr>
<tr>
<td>Surplus</td>
<td>1</td>
<td>1</td>
<td>3</td>
<td>5</td>
</tr>
</tbody>
</table>

**Weather:** The past week had below normal temperatures with the northern part of the state seeing near normal temperatures. Monday was mainly dry with highs in the upper 40s to mid-50s. Tuesday and Wednesday continued to stay dry with highs in the 50s. On Thursday, a storm system moved through the state bringing precipitation statewide with highs in the upper 40s to 50s. On Friday, scattered showers moved mainly through the southern part of the state. Saturday and Sunday stayed dry with highs in the upper 40s to 50s on Saturday and warmed up to the 50s to 60s on Sunday.

**Outlook, April 14-20:** This week looks to have above normal temperatures with it starting off dry with a decent chance of precipitation in the middle of the week. Monday will overall be warm and dry with highs in the upper 50s to upper 70s. On Tuesday, there is a chance of scattered showers in the western half of the state with highs in the 60s to mid-70s. Wednesday cools down with a chance of showers statewide with highs in the 50s. Thursday will warm back up with a chance of an isolated shower in the eastern half of the state with highs in the 60s. Friday and Saturday look to be dry with highs in the 60s on Friday and highs in the 60s to 70s on Saturday. On Sunday, there is a chance of an isolated shower, especially in the eastern half of the state with highs in the 60s.

**Temperature & Precipitation:** Districts and Stations

North Dakota, Week ending April 13, 2008

<table>
<thead>
<tr>
<th>Station</th>
<th>Temperature Past Week</th>
<th>Seasonal Precipitation Beginning April 1</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Degrees F</td>
<td>Degrees F</td>
</tr>
<tr>
<td>(1) Bowbells</td>
<td>61</td>
<td>21</td>
</tr>
<tr>
<td>Williston</td>
<td>63</td>
<td>24</td>
</tr>
<tr>
<td>Mohall</td>
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<td>14</td>
</tr>
<tr>
<td>Minot</td>
<td>60</td>
<td>16</td>
</tr>
<tr>
<td>(2) Baker</td>
<td>56</td>
<td>20</td>
</tr>
<tr>
<td>Bottineau</td>
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<td>11</td>
</tr>
<tr>
<td>Rugby</td>
<td>57</td>
<td>15</td>
</tr>
<tr>
<td>(3) Cando</td>
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<tr>
<td>Cavalier</td>
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<tr>
<td>St. Thomas</td>
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<tr>
<td>(4) Hazen</td>
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<td>Turtle Lake</td>
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<td>14</td>
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<td>Watford City</td>
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<td>(5) Carrington</td>
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<td>Harvey</td>
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<td>12</td>
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<tr>
<td>Jamestown</td>
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<tr>
<td>Robinson</td>
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<td>16</td>
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<tr>
<td>Streeter</td>
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<tr>
<td>(6) Dazey</td>
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<td>Hillsboro</td>
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<tr>
<td>Beach</td>
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<td>Bowman</td>
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<tr>
<td>Dickinson</td>
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<tr>
<td>Hettinger</td>
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<tr>
<td>(8) Mandan</td>
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<tr>
<td>Linton</td>
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<td>17</td>
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<tr>
<td>(9) Edgeley</td>
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<td>Oakes</td>
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<td>19</td>
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<tr>
<td>Wyndmere</td>
<td>51</td>
<td>24</td>
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</table>

1/ Precipitation amounts may vary due to an inaccurate snowfall melt. 2/ Normal is the 1971-2000 average. NA=Not Available. Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.