U.S. Drought Monitor

September 3, 2013
(Released Thursday, Sep. 5, 2013)
Valid 7 a.m. EST

Drought Impact Types:
- Delineates dominant impacts
S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)
L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)

Intensity:
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author:
David Miskus
NOAA/NWS/NCEP/CPC

http://droughtmonitor.unl.edu/
Approximately 52% of the corn grown in the U.S. is within an area experiencing drought, based on historical NASS crop production data.

- Major areas combined account for 75% of the total national production annually.
- Major and minor areas combined account for 99% of the total national production annually.

Major and minor agricultural areas are derived from NASS county-level crop production data from 2006 to 2010. Additional information on these agricultural data can be found at: [http://www.nass.usda.gov/](http://www.nass.usda.gov/).

Mapped drought areas are derived from the U.S. Drought Monitor product and do not depict the intensity of drought in any particular location. More information on the Drought Monitor can be found at: [http://droughtmonitor.unl.edu/](http://droughtmonitor.unl.edu/).
Approximate Percentage of Corn Located in Drought *
September 3, 2013

* Drought percentages were calculated from U.S. Drought Monitor (USDM) data for the above date. More information on the USDM is available at http://droughtmonitor.unl.edu/.

State contributions to national production (percentages in parentheses) are based upon National Agricultural Statistics Service (NASS) 5-year averages from 2006-2010. More information on NASS data can be found at http://www.nass.usda.gov/.

<table>
<thead>
<tr>
<th>State</th>
<th>Percent in Moderate Drought (D1)</th>
<th>Percent in Severe Drought (D2)</th>
<th>Percent in Extreme Drought (D3)</th>
<th>Percent in Exceptional Drought (D4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Iowa (18)</td>
<td>57</td>
<td>3</td>
<td>8</td>
<td>1</td>
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<tr>
<td>Illinois (17)</td>
<td>53</td>
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<tr>
<td>Nebraska (12)</td>
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<td>81</td>
<td>30</td>
<td>8</td>
<td>3</td>
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<tr>
<td>Indiana (7)</td>
<td>58</td>
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<tr>
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<td>27</td>
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<td>79</td>
<td>6</td>
<td>2</td>
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</tr>
<tr>
<td>North Dakota (2)</td>
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<td>73</td>
<td>6</td>
<td>2</td>
</tr>
<tr>
<td>Texas (2)</td>
<td>99</td>
<td>99</td>
<td>9</td>
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<tr>
<td>Colorado (1)</td>
<td>52</td>
<td>52</td>
<td>4</td>
<td>1</td>
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<tr>
<td>Kentucky (1)</td>
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<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>North Carolina (&lt;1)</td>
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<td>3</td>
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<tr>
<td>Pennsylvania (&lt;1)</td>
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<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Tennessee (&lt;1)</td>
<td>1</td>
<td>1</td>
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<td>1</td>
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<tr>
<td>United States</td>
<td>32</td>
<td>50</td>
<td>38</td>
<td>3</td>
</tr>
</tbody>
</table>
United States Corn Areas Located in Drought

Agricultural Weather Assessments
World Agricultural Outlook Board

Percent

Date

Sep 4 2012
Sep 11 2012
Sep 18 2012
Sep 25 2012
Oct 2 2012
Oct 9 2012
Oct 16 2012
Oct 23 2012
Oct 30 2012
Nov 6 2012
Nov 13 2012
Nov 20 2012
Nov 27 2012
Dec 4 2012
Dec 11 2012
Dec 18 2012
Dec 25 2012
Jan 1 2013
Jan 8 2013
Jan 15 2013
Jan 22 2013
Jan 29 2013
Feb 5 2013
Feb 12 2013
Feb 19 2013
Feb 26 2013
Mar 5 2013
Mar 12 2013
Mar 19 2013
Mar 26 2013
Apr 2 2013
Apr 9 2013
Apr 16 2013
Apr 23 2013
Apr 30 2013
May 7 2013
May 14 2013
May 21 2013
May 28 2013
Jun 4 2013
Jun 11 2013
Jun 18 2013
Jun 25 2013
Jul 2 2013
Jul 9 2013
Jul 16 2013
Jul 23 2013
Jul 30 2013
Aug 6 2013
Aug 13 2013
Aug 20 2013
Aug 27 2013
Sep 3 2013

Moderate or more intense drought (D1+)
Severe or more intense drought (D2+)
Extreme or more intense drought (D3+)
Exceptional drought (D4)
U.S. Soybean Areas Experiencing Drought

Reflects September 3, 2013
U.S. Drought Monitor data

Approximately 42% of the soybeans grown in the U.S. is within an area experiencing drought, based on historical NASS crop production data.

Drought Areas
Major Growing Area
Minor Growing Area

- Major areas combined account for 75% of the total national production annually.
- Major and minor areas combined account for 99% of the total national production annually.

Major and minor agricultural areas are derived from NASS county-level crop production data from 2006 to 2010. Additional information on these agricultural data can be found at: http://www.nass.usda.gov/.

Mapped drought areas are derived from the U.S. Drought Monitor product and do not depict the intensity of drought in any particular location. More information on the Drought Monitor can be found at: http://droughtmonitor.unl.edu/.

USDA Agricultural Weather Assessments
World Agricultural Outlook Board
Approximate Percentage of Soybeans Located in Drought *
September 3, 2013

<table>
<thead>
<tr>
<th>State</th>
<th>Moderate Drought (D1)</th>
<th>Severe Drought (D2)</th>
<th>Extreme Drought (D3)</th>
<th>Exceptional Drought (D4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Iowa</td>
<td>61%</td>
<td>34%</td>
<td>2%</td>
<td>3%</td>
</tr>
<tr>
<td>Illinois</td>
<td>47%</td>
<td>6%</td>
<td>3%</td>
<td>2%</td>
</tr>
<tr>
<td>Minnesota</td>
<td>86%</td>
<td>4%</td>
<td>1%</td>
<td>1%</td>
</tr>
<tr>
<td>Nebraska</td>
<td>80%</td>
<td>8%</td>
<td>2%</td>
<td>2%</td>
</tr>
<tr>
<td>Ohio</td>
<td>29%</td>
<td>15%</td>
<td>12%</td>
<td>4%</td>
</tr>
<tr>
<td>Missouri</td>
<td>48%</td>
<td>14%</td>
<td>3%</td>
<td>3%</td>
</tr>
<tr>
<td>South Dakota</td>
<td>46%</td>
<td>32%</td>
<td>12%</td>
<td>2%</td>
</tr>
<tr>
<td>Arkansas</td>
<td>77%</td>
<td>9%</td>
<td>2%</td>
<td>2%</td>
</tr>
<tr>
<td>North Dakota</td>
<td>69%</td>
<td>26%</td>
<td>10%</td>
<td>1%</td>
</tr>
<tr>
<td>Michigan</td>
<td>34%</td>
<td>43%</td>
<td>25%</td>
<td>3%</td>
</tr>
<tr>
<td>Kentucky</td>
<td>61%</td>
<td>35%</td>
<td>26%</td>
<td>1%</td>
</tr>
<tr>
<td>Mississippi</td>
<td>3%</td>
<td>11%</td>
<td>30%</td>
<td>1%</td>
</tr>
</tbody>
</table>

* Drought percentages were calculated from U.S. Drought Monitor (USDM) data for the above date. More information on the USDM is available at http://droughtmonitor.unl.edu/.

State contributions to national production (percentages in parentheses) are based upon National Agricultural Statistics Service (NASS) 5-year averages from 2006-2010. More information on NASS data can be found at http://www.nass.usda.gov/.
United States Soybean Areas Located in Drought

Percent

Date

- Moderate or more intense drought (D1+)
- Severe or more intense drought (D2+)
- Extreme or more intense drought (D3+)
- Exceptional drought (D4)

Agricultural Weather Assessments
World Agricultural Outlook Board

USDA
U.S. Hay Areas Experiencing Drought

Reflects September 3, 2013
U.S. Drought Monitor data

Approximately 39% of the domestic hay acreage is within an area experiencing drought, based on NASS 2007 Census of Agriculture data.

Major and minor agricultural areas are based on NASS 2007 Census of Agriculture data. Counties shaded in gray contain data that are not published by NASS, and hence were not used in delineating the major and minor agricultural areas. Additional information on these agricultural data can be found at: http://www.agecensus.usda.gov/.

Mapped drought areas are derived from the U.S. Drought Monitor product and do not depict the intensity of drought in any particular location. More information on the Drought Monitor can be found at: http://droughtmonitor.unl.edu/.

- Major areas combined account for 75% of the total national acreage.
- Major and minor areas combined account for 99% of the total national acreage.
Approximate Percentage of Hay Located in Drought *
September 3, 2013

* Drought percentages were calculated from U.S. Drought Monitor (USDM) data for the above date. More information on the USDM is available at http://droughtmonitor.unl.edu/.

State contributions to national production (percentages in parentheses) are based upon National Agricultural Statistics Service (NASS) 2007 Census of Agriculture data. More information on NASS data can be found at http://www.nass.usda.gov/.
United States Hay Areas Located in Drought

- Moderate or more intense drought (D1+)
- Severe or more intense drought (D2+)
- Extreme or more intense drought (D3+)
- Exceptional drought (D4)

Agricultural Weather Assessments
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U.S. Cattle Areas Experiencing Drought

Reflects September 3, 2013

U.S. Drought Monitor data

Approximately 53% of the domestic cattle inventory is within an area experiencing drought, based on NASS 2007 Census of Agriculture data.

- Major areas combined account for 75% of the total national inventory.
- Major and minor areas combined account for 99% of the total national inventory.

Major and minor agricultural areas are based on NASS 2007 Census of Agriculture data. Counties shaded in gray contain data that are not published by NASS, and hence were not used in delineating the major and minor agricultural areas. Additional information on these agricultural data can be found at: http://www.agcensus.usda.gov/.

Mapped drought areas are derived from the U.S. Drought Monitor product and do not depict the intensity of drought in any particular location. More information on the Drought Monitor can be found at: http://droughtmonitor.unl.edu/.
Approximate Percentage of Cattle Located in Drought *
September 3, 2013

* Drought percentages were calculated from U.S. Drought Monitor (USDM) data for the above date. More information on the USDM is available at http://droughtmonitor.unl.edu/.

State contributions to the total national inventory (percentages in parentheses) are based upon National Agricultural Statistics Service (NASS) 2007 Census of Agriculture data. More information on NASS data can be found at http://www.nass.usda.gov/.

USDA Agricultural Weather Assessments
World Agricultural Outlook Board
**U.S. Winter Wheat Areas Experiencing Drought**

**Reflects September 3, 2013**
U.S. Drought Monitor data

Approximately 44% of the winter wheat grown in the U.S. is within an area experiencing drought, based on historical NASS crop production data.

Major and minor agricultural areas are derived from NASS county-level crop production data from 2006 to 2010. Additional information on these agricultural data can be found at: [http://www.nass.usda.gov/](http://www.nass.usda.gov/).

Mapped drought areas are derived from the U.S. Drought Monitor product and do not depict the intensity of drought in any particular location. More information on the Drought Monitor can be found at: [http://droughtmonitor.unl.edu/](http://droughtmonitor.unl.edu/).

- Major areas combined account for 75% of the total national production annually.
- Major and minor areas combined account for 99% of the total national production annually.
Approximate Percentage of Winter Wheat Located in Drought *
September 3, 2013

<table>
<thead>
<tr>
<th>State</th>
<th>Percent in Moderate Drought (D1)</th>
<th>Percent in Severe Drought (D2)</th>
<th>Percent in Extreme Drought (D3)</th>
<th>Percent in Exceptional Drought (D4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kansas (22)</td>
<td>4</td>
<td>10</td>
<td>19</td>
<td>9</td>
</tr>
<tr>
<td>Oklahoma (7)</td>
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<td>9</td>
<td>21</td>
<td>4</td>
</tr>
<tr>
<td>Washington (7)</td>
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<td>4</td>
<td>1</td>
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<td>Montana (6)</td>
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<td>24</td>
<td>13</td>
<td>9</td>
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<tr>
<td>Texas (6)</td>
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<td>27</td>
<td>52</td>
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<tr>
<td>Colorado (5)</td>
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<td>45</td>
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<tr>
<td>Nebraska (5)</td>
<td>9</td>
<td>54</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td>South Dakota (5)</td>
<td>4</td>
<td>19</td>
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<td>Idaho (4)</td>
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<td>26</td>
<td>10</td>
<td>10</td>
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<td>Ohio (4)</td>
<td>2</td>
<td>39</td>
<td>16</td>
<td>16</td>
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<tr>
<td>Illinois (3)</td>
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<td>46</td>
<td>46</td>
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<tr>
<td>Michigan (3)</td>
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<td>Oregon (3)</td>
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<td>North Carolina (2)</td>
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<tr>
<td>United States</td>
<td>13</td>
<td>14</td>
<td>4</td>
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</tbody>
</table>

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United States Winter Wheat Areas Located in Drought

Agricultural Weather Assessments
World Agricultural Outlook Board

Percent