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U.S. Drought Monitor, August 5, 2014

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U.S. Drought Monitor

August 5, 2014
(Released Thursday, Aug. 7, 2014)
Valid 8 a.m. EDT

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:
Brad Rippey
U.S. Department of Agriculture

http://droughtmonitor.unl.edu/
U.S. Corn Areas Experiencing Drought

Reflects August 5, 2014
U.S. Drought Monitor data

Approximately 9% 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/.

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 Corn Located in Drought *
August 5, 2014

Crop production percentages and associated drought intensities

- Percent in Moderate Drought (D1)
- Percent in Severe Drought (D2)
- Percent in Extreme Drought (D3)
- Percent in Exceptional Drought (D4)

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/.

* 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/.
United States Corn 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
World Agricultural Outlook Board
U.S. Soybean Areas Experiencing Drought

Reflects August 5, 2014
U.S. Drought Monitor data

Approximately 6% of the soybeans 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/.

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 production annually.
- Major and minor areas combined account for 99% of the total national production annually.
Approximate Percentage of Soybeans Located in Drought *
August 5, 2014

Crop production percentages and associated drought intensities

<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>
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<td>Tennessee (1)</td>
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<tr>
<td>United States</td>
<td>6</td>
<td></td>
<td>5</td>
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* 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/.
United States Soybean Areas Located in Drought

Agricultural Weather Assessments
World Agricultural Outlook Board

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

Reflects August 5, 2014
U.S. Drought Monitor data

Approximately 25% 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.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/.

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

Agricultural Weather Assessments
World Agricultural Outlook Board
Approximate Percentage of Hay Located in Drought *
August 5, 2014

Crop production percentages and associated drought intensities

* 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

Agricultural Weather Assessments
World Agricultural Outlook Board

USDA

Date

Percent

Aug 6 2013
Aug 13 2013
Aug 20 2013
Aug 27 2013
Sep 3 2013
Sep 10 2013
Sep 17 2013
Sep 24 2013
Oct 1 2013
Oct 8 2013
Oct 15 2013
Oct 22 2013
Oct 29 2013
Nov 5 2013
Nov 12 2013
Nov 19 2013
Nov 26 2013
Dec 3 2013
Dec 10 2013
Dec 17 2013
Dec 24 2013
Dec 31 2013
Jan 7 2014
Jan 14 2014
Jan 21 2014
Jan 28 2014
Feb 4 2014
Feb 11 2014
Feb 18 2014
Feb 25 2014
Mar 4 2014
Mar 11 2014
Mar 18 2014
Mar 25 2014
Apr 1 2014
Apr 8 2014
Apr 15 2014
Apr 22 2014
Apr 29 2014
May 6 2014
May 13 2014
May 20 2014
May 27 2014
Jun 3 2014
Jun 10 2014
Jun 17 2014
Jul 1 2014
Jul 8 2014
Jul 15 2014
Jul 22 2014
Jul 29 2014
Aug 5 2014

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

Reflects August 5, 2014
U.S. Drought Monitor data

Approximately 36% of the domestic cattle inventory 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.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/.

- Major areas combined account for 75% of the total national inventory.
- Major and minor areas combined account for 99% of the total national inventory.
Approximate Percentage of Cattle Located in Drought *
August 5, 2014

* 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 August 5, 2014
U.S. Drought Monitor data

Approximately 48% 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/

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 production annually.
- Major and minor areas combined account for 99% of the total national production annually.
Approximate Percentage of Winter Wheat Located in Drought *
August 5, 2014

Crop production percentages and associated drought intensities

<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>
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* 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 Winter Wheat Areas Located in Drought

Agricultural Weather Assessments
World Agricultural Outlook Board

Percent

Date

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