Hydrologic and Climate Assessment

September 14, 2018
U.S. Drought Monitor
Ohio

September 11, 2018
(Released Thursday, Sep. 13, 2018)
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

<table>
<thead>
<tr>
<th>Intensity</th>
<th>None</th>
<th>D0-D4</th>
<th>D1-D4</th>
<th>D2-D4</th>
<th>D3-D4</th>
<th>D4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current</td>
<td>100.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Last Week</td>
<td>94.26</td>
<td>5.74</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>3 Months Ago</td>
<td>100.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Start of Calendar Year</td>
<td>100.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Start of Water Year</td>
<td>71.57</td>
<td>20.43</td>
<td>3.85</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>One Year Ago</td>
<td>97.47</td>
<td>2.53</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

Intensity:
- D0 Abnormally Dry
- D3 Extreme Drought
- D1 Moderate Drought
- D2 Severe 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/
Temperature Differences Compared to Average (1981-2010)

7-Day

Departure from Normal Temperature (°F)
9/7/2018 – 9/13/2018

Generated 9/14/2018 at HPRCC using provisional data.
Temperature Differences Compared to Average (1981-2010)

30-Day
Departure from Normal Temperature (°F)
8/15/2018 – 9/13/2018

60-Day
Departure from Normal Temperature (°F)
7/16/2018 – 9/13/2018
CoCoRaHS Observed Precipitation: September 8

http://cocorahs.com/
CoCoRaHS Observed Precipitation: September 9

http://cocorahs.com/

6.15"
Previous 7-Day Precipitation: Total

September 14, 2018 7-Day Observed Precipitation
Created on: September 14, 2018 - 13:56 UTC
Valid on: September 14, 2018 12:00 UTC
Previous 7-Day Precipitation: Percent of Normal

September 14, 2018 7-Day Percent Precipitation
Created on: September 14, 2018 - 13:56 UTC
Valid on: September 14, 2018 12:00 UTC
Precipitation Differences Compared to Average (1981-2010)

30-Day
Percent of Normal Precipitation (%)
8/15/2018 - 9/13/2018

60-Day
Percent of Normal Precipitation (%)
7/16/2018 - 9/13/2018

Generated 9/14/2018 at HPRCC using provisional data.
Average streamflow compared to historical streamflow for the day of the year

<table>
<thead>
<tr>
<th>Explanation - Percentile classes</th>
<th>Low</th>
<th>&lt;10</th>
<th>10-24</th>
<th>25-75</th>
<th>76-90</th>
<th>&gt;90</th>
<th>High</th>
<th>Not-ranked</th>
</tr>
</thead>
<tbody>
<tr>
<td>Much below normal</td>
<td></td>
<td></td>
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<tr>
<td>Below normal</td>
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<tr>
<td>Normal</td>
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<td></td>
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<tr>
<td>Above normal</td>
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<td></td>
<td></td>
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<tr>
<td>Much above normal</td>
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</tbody>
</table>
Weather for the Week Ahead
Highs: Mid to upper 70s; Lows: Mid to upper 50s; Precip: 0.75-1”
• 4.4 days suitable for work
• Soybeans dropping leaves
• Pastures and hay received some much needed rain.
• Harvest was delayed in some areas.
• Some flooding.
• Rain delayed livestock and manure management activities.

NASS: Cheryl Turner – 
Summary of Conditions

Drought Monitor: Dry conditions have been alleviated.

30-Day and 60-Day: Recent cooler conditions, but still warmer than average on the long-term perspective.

The week ahead: Remnants of Hurricane Florence will skirt the southern and eastern counties of Ohio.

https://climate.osu.edu
Field Application Resource Monitor (FARM)

FARM is a real-time and historical climate information tool for fertilizer and manure application.

Welcome to the Field Application Resource Monitor (FARM). FARM is a real-time and historical climate information tool for fertilizer and manure application.

This project is made possible through a Concerted and Collaborative Grant, a program supporting innovative and successful programs that leverage academic excellence at The Ohio State University in mutually beneficial ways with external partners.

https://farm.bpcrc.osu.edu