U.S. Drought Monitor
Ohio

July 4, 2017
(Released Thursday, Jul. 6, 2017)
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

<table>
<thead>
<tr>
<th></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>97.78</td>
<td>2.22</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Last Week</td>
<td>97.78</td>
<td>2.22</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>
</tr>
<tr>
<td>Start of Year</td>
<td>88.16</td>
<td>11.84</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Start of Water Year</td>
<td>36.51</td>
<td>63.49</td>
<td>7.94</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>One Year Ago</td>
<td>45.69</td>
<td>53.31</td>
<td>0.25</td>
<td>0.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

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 Simeral
Western Regional Climate Center

http://droughtmonitor.unl.edu/
Previous 30-Day Temperature Difference Compared to Average (1981-2010)

Departure from Normal Temperature (°F)
6/6/2017 - 7/5/2017

Generated 7/6/2017 at HPRCC using provisional data.
CoCoRaHS Observed Precipitation: June 30
CoCoRaHS Observed Precipitation: July 1

Daily Precipitation (inches: x.xx), for the 24 hour period ending ~7:00 am

Ohio 7/1/2017

3.69"

1-2"

THE OHIO STATE UNIVERSITY
STATE CLIMATE OFFICE OF OHIO (SCOO)
COLLEGE OF FOOD, AGRICULTURAL, AND ENVIRONMENTAL SCIENCES
DEPARTMENT OF EXTENSION
BYRD POLAR & CLIMATE RESEARCH CENTER
DEPARTMENT OF GEOGRAPHY
Previous 7-Day Precipitation: Total
Previous 7-Day Precipitation: Percent of Normal
Previous 30-Day Precipitation Difference Compared to Average (1981-2010)

Percent of Normal Precipitation (%)
6/6/2017 - 7/5/2017

Generated 7/6/2017 at HPRCC using provisional data.

Regional Climate Centers

STATE CLIMATE OFFICE OF OHIO (SCOO)
COLLEGE OF FOOD, AGRICULTURAL, AND ENVIRONMENTAL SCIENCES
DEPARTMENT OF EXTENSION
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Standard Precipitation Index (SPI)

60-Day
Average streamflow compared to historical streamflow for the day of the year.
Palmer Drought Severity Index (PDSI)

Drought Severity Index by Division
Weekly Value for Period Ending Jul 01, 2017
Long Term Palmer

DROUGHT SEVERITY INDEX (PALMER)

Depicts prolonged (months, years) abnormal dryness or wetness: responds slowly; changes little from week to week; and reflects long-term moisture runoff, recharge, and deep percolation as well as evapotranspiration.

Uses... applicable in measuring disruptive effects of prolonged dryness or wetness on water sensitive economies, designing disaster areas of drought or wetness; and reflecting the general long-term status of water supplies in aquifers, reservoirs and streams.

Limitations... is not generally indicative of short-term (few weeks) status of drought or wetness such as frequently affects crops and field operations (this is indicated by the crop moisture index).

Based on preliminary data

-4.0 or less (Extreme Drought)  +2.0 to +2.9 (Unusual Moist Spell)
-3.0 to -3.9 (Severe Drought)    +3.0 to +3.9 (Very Moist Spell)
-2.0 to -2.9 (Moderate Drought)  +4.0 and above (Extremely Moist)
-1.9 to +1.9 (Near Normal)
Weather for the Week Ahead
6-10 Day Outlook

Highs: Mid 80s
Lows: Mid 60s
**Ag Highlights**

- 4.6 suitable days of field work
- Dry, cool weather early allowed for wheat harvest
- Wet once again in the west and north with ponding and some yellowing of plants.

NASS: Cheryl Turner –
Summary of Conditions

Drought Monitor: Status quo this week

30-Day and 60-Day: Good soaking rain across the norther where it was needed; Still watching parts of central Ohio

Precipitation: Active pattern likely to continue for Ohio this week; multiple rounds of thunderstorms