Drought Status & Drought Program Update

Némesis Ortiz-Declet
Drought & Conservation Coordinator
September 8, 2021

Arizona Department of Water Resources
Monthly Short-Term Drought Status Maps Past 5 Months

March 2021

April 2021

May 2021

June 2021

July 2021

Drought Conditions
- None
- D0 - Abnormally Dry
- D1 - Moderate Drought
- D2 - Severe Drought
- D3 - Extreme Drought
- D4 - Exceptional Drought

Click here for most up to date map ->
Monthly Short-Term Drought Status
August 2021

U.S. Drought Monitor
Arizona

August 31, 2021
(Released Thursday, Sep. 2, 2021)
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

<table>
<thead>
<tr>
<th></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>0.00</td>
<td>100.00</td>
<td>96.25</td>
<td>64.23</td>
<td>16.50</td>
<td>0.06</td>
</tr>
<tr>
<td>Last Week</td>
<td>0.00</td>
<td>100.00</td>
<td>96.25</td>
<td>54.27</td>
<td>10.50</td>
<td>0.06</td>
</tr>
<tr>
<td>3 Months Ago</td>
<td>0.00</td>
<td>100.00</td>
<td>95.00</td>
<td>94.62</td>
<td>85.52</td>
<td>97.19</td>
</tr>
<tr>
<td>Start of Calendar Year</td>
<td>0.00</td>
<td>100.00</td>
<td>100.00</td>
<td>80.34</td>
<td>53.05</td>
<td>72.69</td>
</tr>
<tr>
<td>Start of Water Year</td>
<td>0.00</td>
<td>100.00</td>
<td>100.00</td>
<td>89.97</td>
<td>69.95</td>
<td>3.37</td>
</tr>
<tr>
<td>One Year Ago</td>
<td>0.00</td>
<td>100.00</td>
<td>97.45</td>
<td>82.16</td>
<td>42.25</td>
<td>0.00</td>
</tr>
</tbody>
</table>

Intensity:
- None
- 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. For more information on the Drought Monitor, go to https://droughtmonitor.unl.edu/About.aspx

Author:
David Silmer
Western Regional Climate Center

droughtmonitor.unl.edu

See most up to date ADWR Report here
Quarterly Long-Term Drought Status Maps

Drought Conditions
- None
- D0 - Abnormally Dry
- D1 - Moderate Drought
- D2 - Severe Drought
- D3 - Extreme Drought
- D4 - Exceptional Drought

- Jul – Sep 2020
- Oct – Dec 2020
- Jan – March 2021
- April – June 2021
Drought Monitoring Technical Committee Meeting
July 6, 2021

• June 2021 Short-term Drought Status Map
• April-June 2021 Long-term Drought Status Map – Full Report
• Weekly Drought Map – Receive updates and observation from participants for next map
• Station-based drought monitoring tool for Arizona
  • Arizona Station-based Drought Tracker
  • Mike Crimmins, Professor & Extension Specialist University of Arizona
• Next Meeting – October 5, 2021 (12pm)
  • Next Quarterly Long-term Drought Status Map (July-September 2021)
ADWR Updates

• 2021 Arizona Drought Preparedness Plan development starts
  • Contributors’ section deadline: September 30, 2021

• Check the Governor’s Water Augmentation, Innovation and Conservation Council webpage for any updates & meetings

• Check the ADWR Public Meetings Calendar for any water management meetings of interest

• Colorado River Shortage
  • US Bureau of Reclamation – Lower Colorado River Basin
  • Central Arizona Project – Colorado River Shortage
Thank you!

Némesis Ortiz-Declet
nortizdeclet@azwater.gov
Drought & Conservation Coordinator

Arizona Department of Water Resources