The following outlook is made with the most recent weather data available on August 1, 2022. It is a general report intended to provide fire management personnel with an area wide outlook for August 1, 2022 to August 5, 2022. Due to the variability in the data and weather computer model limitations beyond this time period, it is important for the local fire manager to know their own area of responsibility.

The graphics below display the accumulated precipitation data over the preceding 7 and 14 days leading up to the morning of August 1, 2022. To the right of each graphic is a key displaying the color corresponding to precipitation amounts in inches and percent of normal. The 7-day total precipitation amount forecast from the morning of August 1 into the morning of August 8 is shown at the bottom left of this page. The WFAS Severe Fire Danger Potential Forecast is displayed on the bottom right.
Seasonal Drought Outlook

U.S. Seasonal Drought Outlook
Drought Tendency During the Valid Period
Valid for July 21 - October 31, 2022
Released July 21

Author:
Richard Tinker
NOAA/NWS/NCEP/Climate Prediction Center

Palmer Drought Severity Index

Drought Severity Index by Division
Weekly Value for Period Ending Jul 23, 2022

U.S. Drought Monitor

U.S. Drought Monitor
July 26, 2022
(Released Thursday, Jul 28, 2022)
Valid 8 a.m. EDT

Drought impact types:

Intensity:

Author:
Crisa Riganti
National Drought Mitigation Center
### Fire Weather/Fire Danger Forecast

**Monday, August 1**

<table>
<thead>
<tr>
<th>Surface Map, 100 PM CT or 200 PM ET</th>
<th>Large Fire Potential Areas</th>
<th>Wind Speeds at 200 PM EST</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Surface Map" /></td>
<td><img src="image2" alt="Large Fire Potential Areas" /></td>
<td><img src="image3" alt="Wind Speeds" /></td>
</tr>
</tbody>
</table>

**Comments**
- Strong to severe storms are forecast over the Lower Ohio Valley into Monday evening.

<table>
<thead>
<tr>
<th>400 PM EDT Relative Humidity</th>
<th>Precipitation Areas</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image4" alt="Humidity Map" /></td>
<td><img src="image5" alt="Precipitation Map" /></td>
<td>Low RH levels are expected across the far western Mississippi Valley Tuesday afternoon.</td>
</tr>
</tbody>
</table>

**Tuesday, August 2**

<table>
<thead>
<tr>
<th>Surface Map, 700 AM CT or 800 AM ET</th>
<th>Large Fire Potential Areas</th>
<th>Wind Speeds at 200 PM EDT</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Surface Map" /></td>
<td><img src="image2" alt="Large Fire Potential Areas" /></td>
<td><img src="image3" alt="Wind Speeds" /></td>
</tr>
</tbody>
</table>

**Comments**
- Low RH levels are expected across the far western Mississippi Valley Tuesday afternoon.
### Wednesday, August 3

**Surface Map, 700 AM CT or 800 AM ET**

- **Large Fire Potential Areas**

- **Wind Speeds at 200 PM EDT**

**Comments**

Breezy winds are expected over the Great Lakes and Big Rivers on Wednesday as a trough of low pressure drifts through.

### Thursday, August 4

**Surface Map, 700 AM CT or 800 AM ET**

- **Large Fire Potential Areas**

- **Wind Speeds at 200 PM EDT**

**Comments**

Lower RH levels are forecast over parts of the Upper Mississippi Valley on Thursday.
Gusty south winds are forecast over the western Great Lakes on Friday.

Resources: Resources are expected to be adequate within the Eastern Area during this forecast period.

6 to 10 Day Climate Prediction Center Forecasts for August 6 – August 10, 2022

6 to 10 Day Precipitation Outlook

6 to 10 Day Temperature Outlook