**Eastern Area Fire Weather/Fire Danger Outlook 9-28-22 to 10-2-22**

The following outlook is made with the most recent weather data available on September 28, 2022. It is a general report intended to provide fire management personnel with an area wide outlook for September 28, 2022 to October 2, 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 September 28, 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 September 28 into the morning of October 5 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 September 15 - December 31, 2022
Released September 15

Author:
Yun Fan
NOAA/NWS/NCEP/Climate Prediction Center

Palmer Drought Severity Index

Drought Severity Index by Division
Weekly Value for Period Ending Sep 24, 2022

U.S. Drought Monitor

U.S. Drought Monitor
September 20, 2022
(Released Thursday, Sep. 22, 2022)
Valid 8 a.m. EDT

Drought Impact Types:
- Devastates 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:
- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

Author:
Richard Heim
NCEP/NOAA
## Fire Weather/Fire Danger Forecast

### Wednesday, September 28

<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>
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<tr>
<th>400 PM EDT Relative Humidity</th>
<th>Precipitation Areas</th>
<th>Comments</th>
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<tbody>
<tr>
<td><img src="image4" alt="400 PM EDT Relative Humidity" /></td>
<td><img src="image5" alt="Precipitation Areas" /></td>
<td>South winds will increase over the Northern Plains and far western Minnesota on Wednesday. Low RH levels are forecast over the western Mississippi Valley.</td>
</tr>
</tbody>
</table>

### Thursday, September 29

<table>
<thead>
<tr>
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<td><img src="image4" alt="400 PM EDT Relative Humidity" /></td>
<td><img src="image5" alt="Precipitation Areas" /></td>
<td>Gusty south winds will prevail over the Upper Mississippi Valley on Thursday. Low RH levels will prevail once again across the western Mississippi Valley.</td>
</tr>
</tbody>
</table>
### Friday, September 30

**Weather**

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

**Large Fire Potential Areas**

**Wind Speeds at 200 PM EDT**

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<tr>
<th>Minimum Relative Humidity</th>
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<td>Breezy south winds will persist over the Upper Mississippi Valley on Friday.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Low RH levels are forecast over the western Mississippi Valley.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rainfall associated with the remnants of Ian are expected to spread northward into the southern Mid-Atlantic States later Friday into Friday night.</td>
<td></td>
<td></td>
</tr>
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</table>

### Saturday, October 1

**Weather**

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

**Large Fire Potential Areas**

**Wind Speeds at 200 PM EDT**

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- [Surface Map, 700 AM CT or 800 AM ET](#)
- [Large Fire Potential Areas](#)
- [Wind Speeds at 200 PM EDT](#)
Rainfall from the remnants of Ian are forecast to spread into the southern Mid-Atlantic States on Saturday.

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