The following outlook is made with the most recent weather data available on December 17, 2018. It is a general report intended to provide fire management personnel with an area wide outlook for December 17, 2018 to December 21, 2018. 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 December 17, 2018. 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 December 17 into the morning of December 24 is shown at the bottom left of this page. The WFAS Severe Fire Weather Potential Forecast is displayed on the bottom right.

<table>
<thead>
<tr>
<th>Previous 7 Day Accumulated Precipitation</th>
<th>14 Day Historical Percent of Normal Precipitation</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Map" /></td>
<td><img src="image2.png" alt="Map" /></td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>1 Week Early Drought Detection Map</th>
<th>Long Term Precipitation Outlook Forecast</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image3.png" alt="Map" /></td>
<td><img src="image4.png" alt="Map" /></td>
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<tr>
<th>7 Day Total Precipitation Forecast</th>
<th>Severe Fire Weather Potential - December 17, 2018</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image5.png" alt="Map" /></td>
<td><img src="image6.png" alt="Map" /></td>
</tr>
</tbody>
</table>
Seasonal Drought Outlook

U.S. Seasonal Drought Outlook
Drought Tendency During the Valid Period
Valid for November 15, 2018 - February 28, 2019
Released November 15, 2018

Palmer Drought Severity Index

Drought Severity Index by Division
Weekly Value for Period Ending Dec 08, 2018

U.S. Drought Monitor

U.S. Drought Monitor
December 11, 2018
(Released Thursday, Dec. 13, 2018)
Valid 7 a.m. EST

Drought Impact Types:

D = Delineates 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:
D0 Abnormally Dry
D1 Moderate Drought
D2 Severe Drought
D3 Extreme Drought
D4 Exceptional Drought
Monday, December 17

Weather

Surface Map, Noon CT or 1 PM ET

Large Fire Potential Areas

Wind Speeds at 100 PM EST

100 PM EST Relative Humidity

Comments

Strong NW winds will affect the eastern states as a low pulls out of New England on Monday.

Tuesday, December 18

Weather

Surface Map, 6 AM CT or 7 AM ET

Large Fire Potential Areas

Wind Speeds at 100 PM EST

100 PM EST Relative Humidity

Precipitation Areas

Comments

Strong and chilly NW winds will persist over the Northeast and eastern Mid-Atlantic States into Tuesday.
### Wednesday, December 19

<table>
<thead>
<tr>
<th>Surface Map, 6 AM CT or 7 AM ET</th>
<th>Large Fire Potential Areas</th>
<th>Wind Speeds at 100 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>

100 PM EST Relative Humidity

100 PM EST Precipitation Areas

#### Comments

Strong SE-S winds are forecast over the western Mississippi Valley and the Central Plains on Thursday.

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### Thursday, December 20

<table>
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<tr>
<th>Surface Map, 6 AM CT or 7 AM ET</th>
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</table>

100 PM EST Relative Humidity

100 PM EST Precipitation Areas

#### Comments

Strong SE-S winds are forecast over the western Mississippi Valley and the Central Plains on Thursday.
Friday, December 21

Weather

Surface Map, 6 AM CT or 7 AM ET

Large Fire Potential Areas

Wind Speeds at 100 PM EST

100 PM EST Relative Humidity

Precipitation Areas

Comments

Strong N-NE winds will affect the eastern Great Lakes, eastern Big Rivers and western Ohio on the backside of a low drifting through the eastern states on Friday. Strong east winds will affect parts of New England.

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

6 to 10 Day Climate Prediction Center Forecasts for December 22, 2018 – December 26, 2018

6 to 10 Day Precipitation Outlook

6 to 10 Day Temperature Outlook