

# Severe Weather Risk

## Saturday, April 25, 2015

Threat Assessment for south-central Indiana and  
central Kentucky

Prepared: 4/24/2015 230 PM EDT

[lmk.ops@noaa.gov](mailto:lmk.ops@noaa.gov)  
NWS Louisville KY

National Weather Service  
Louisville KY

# Threat Overview

---

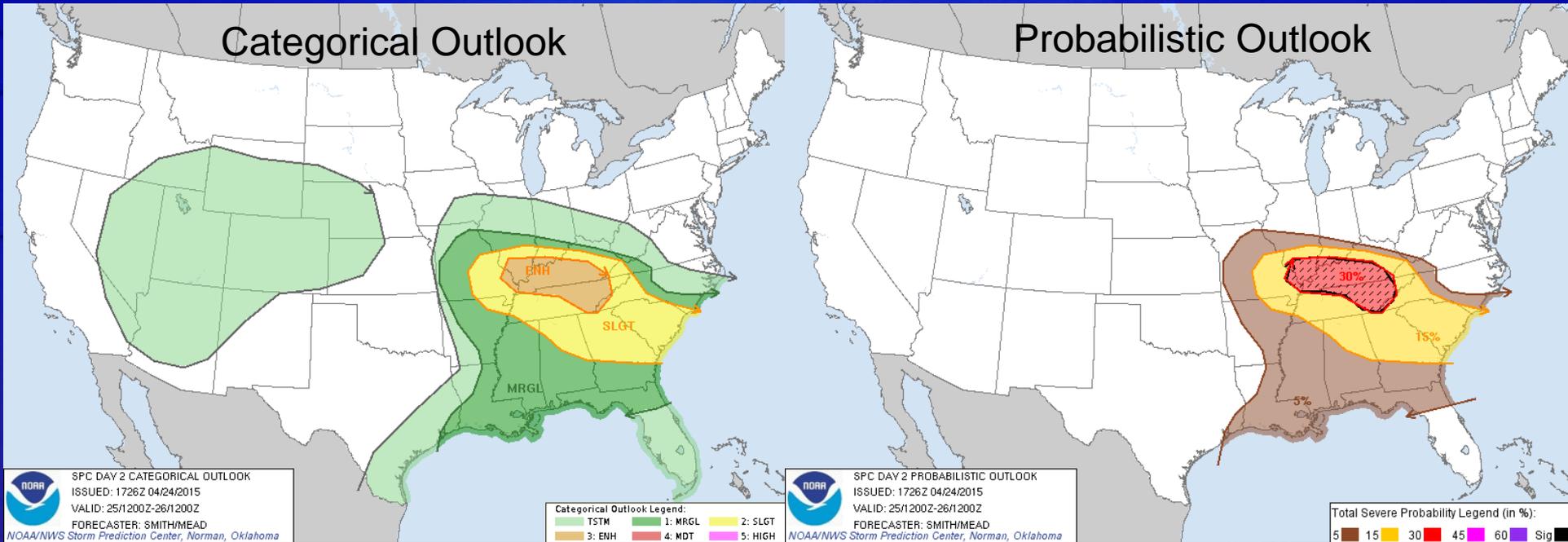
- **A surface warm front will move northward into the region late tonight and Saturday morning.**
- **The warm front is expected to stall out between the Ohio River and the I-64 corridor in Kentucky by late Saturday morning.**
- **Partial clearing is expected early Saturday afternoon which will result in the atmosphere becoming increasingly unstable.**
- **A developing area of low pressure will move in from the west during the afternoon, forcing another round of thunderstorms.**
- **The Saturday afternoon thunderstorms are expected to be severe with flooding rains, damaging winds, very large hail, and tornadoes.**

# SPC Outlook

## Saturday April 25, 2015

### Categorical Outlook

### Probabilistic Outlook





# Severe Weather Threat Area and Timing

## National Weather Service Louisville, KY

### Timing

Severe weather expected between 1PM and 9 PM EDT Saturday

### Uncertainty

Still some uncertainty how far north warm front will move.



**Lowest**

**Moderate**

**Highest**

# Expected Impacts

- All modes of severe weather are expected Saturday afternoon and evening.
- **Tornadoes:** Tornadoes will be possible along and south of the warm front. Highest risk area for tornadoes are in areas south of I-64 in Kentucky.
- **Wind:** Damaging winds in excess of 65 MPH will be possible with thunderstorms Saturday afternoon and evening.
- **Hail:** Very large hail (larger than golfballs) will be possible with thunderstorms Saturday afternoon and evening.
- **Flooding:** Heavy rainfall with the thundestorms combined with thunderstorms training over the same areas will result in some flash flooding.