



# OEM

**SEVERE WEATHER**  
stay aware, be prepared...

**ALERT**

## SEVERE WEATHER HAZARD REPORT

Springfield-Greene County  
Office of Emergency Management

### Emergency Operations Center Partner Agencies

08/07/2019 – 0835

**Watches/Warnings:** *No Watches or Warnings.*

<b>Hazards:</b>	<b>8/7</b>
Severe Storms	<i>Elevated</i>
Wind Gusts	<i>Elevated</i>
Hail	<i>Elevated</i>
Lightning	<i>Limited</i>
Flooding	<i>Limited</i>

### Discussion:

A complex of strong to severe storms will move into the area from the NW this morning and early afternoon. Wind gusts in excess of 60 mph, 1-inch hail, frequent cloud to ground lightning, and locally heavy rainfall with localized flash flooding possible. **Timing:** Best chances for severe storms will be from 10:00 AM through this afternoon. Additional storms are possible late tonight into Thursday morning. **Confidence:** Good for strong/severe storms. **Spotter activation may be needed today.**

### Citizen Action Statement:

- Have a severe weather shelter plan! Review emergency kit and identify closest safe shelter.
- Have a way of receiving severe weather warnings (NOAA Weather Radio, social media, news media, etc.)
- Take shelter when lightning is in the area! *“When thunder roars...go indoors!”*
- Citizens with outdoor recreational plans along area rivers and streams should be alert for the potential for lightning strikes and rapidly rising water levels. *“Turn around...don’t drown!”*

### Emergency Management Issues:

- OEM is monitoring "WxNet" (B-15) on Greene County 800 TRS
- Springfield-Greene County EOC is currently at **OpCon Level 3: Monitoring**
- All interested parties should continue to monitor the situation for forecast changes.
- Follow OEM: Twitter @gcoem or Facebook/SpringfieldGreeneOEM

### Severe T-Storm Risk - Wed



### Severe Storm Risk Categories

THUNDERSTORMS (no label)	1 - MARGINAL (MRGL)	2 - SLIGHT (SLGT)	3 - ENHANCED (ENH)	4 - MODERATE (MDT)	5 - HIGH (HIGH)
No severe* thunderstorms expected	Isolated severe thunderstorms possible	Scattered severe storms possible	Numerous severe storms possible	Widespread severe storms likely	Widespread severe storms expected
Lightning/flooding threats exist with all thunderstorms	Limited in duration and/or coverage and/or intensity	Short-lived and/or not widespread, isolated intense storms possible	More persistent and/or widespread, a few intense	Long-lived, widespread and intense	Long-lived, very widespread and particularly intense
• Winds to 40 mph • Small hail	• Winds 40-60 mph • Hail up to 1" • Low tornado risk	• One or two tornadoes • Reports of strong winds/wind damage • Hail ~1", isolated 2"	• A few tornadoes • Several reports of wind damage • Damaging hail, 1 - 2"	• Strong tornadoes • Widespread wind damage • Destructive hail, 2"+	• Tornado outbreak • Destructive
<small>* NWS defines a severe thunderstorm as measured wind gusts to at least 58 mph, and/or hail to at least one inch in diameter, and/or a tornado. All thunderstorm categories imply lightning and the potential for flooding. Categories are also tied to the probability of a severe weather event within 25 miles of your location.</small>					
National Weather Service <a href="http://www.spc.noaa.gov">www.spc.noaa.gov</a>					