

KY SEOC Incident Action Plan #1

for

2-6 April Severe Weather

Operational Period

Date From:	4/2/25	Date To:	4/2/25
Time From:	16:00	Time To:	2400

SEOC Level 1



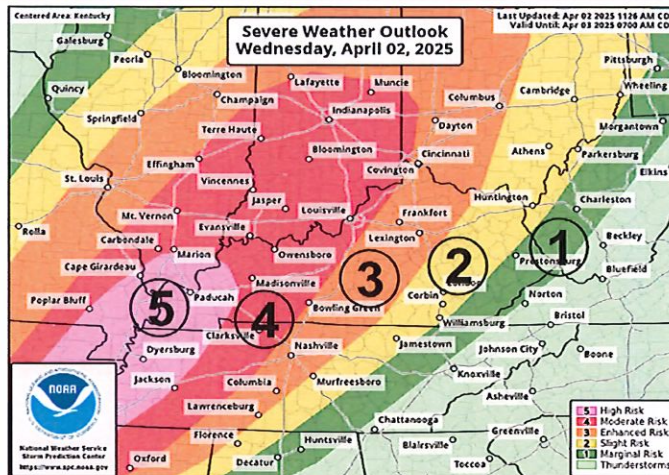
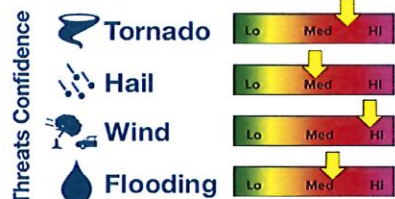
Severe Threat Round 1: Tonight

April 2, 2025
3:07 PM

Greatest Threat Across Western Kentucky and Southern Indiana

Key Messages

- Severe thunderstorms develop west of the Mississippi River during the afternoon and push into Kentucky and Indiana in the evening as a line of storms
- All severe hazards are in play:
 - ◆ Damaging winds
 - ◆ Tornadoes
 - ◆ Large Hail



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National Weather Service
Louisville, KY



Tonight's Severe Threat Timing

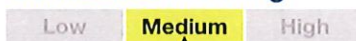
April 2, 2025
3:07 PM

Much Lower Confidence Than The Sunday Night Event

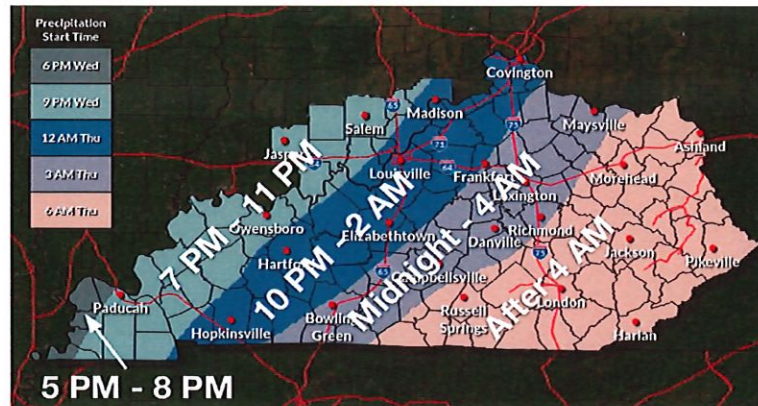
Key Messages

- Storms will push east across western Kentucky and southwest Indiana during the evening hours
- Eastward movement will *slow considerably* east of Interstate 65
- Confidence in timing and severity of storms is much lower east of Interstate 65
- Severe weather may last for 1-2 hours, though heavy rain will last longer

Confidence in Timing



All Times in EDT



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National Weather Service
Louisville, KY

SUPPORT OBJECTIVES (ICS 202)

1. Incident Name: <p style="text-align: center;"><i>2-6 April Severe Weather</i></p>	2. Operational Period: Date From: <i>4/2/25</i> Date To: <i>4/2/25</i> Time From: <i>12:00</i> Time To: <i>2400</i>
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3. Support Objective(s) for incidents: 1600

- 1. Emphasize the safety of responders and residents throughout the response operation. Encourage adherence to safety protocols and provide necessary support, resources, and guidance to ensure their well-being throughout the operational period.*
- 2. Keep abreast of the latest weather updates and reports from meteorological agencies to accurately track the weather's path and potential impact areas throughout the operational period.*
- 3. Maintain clear communication with teams and emergency management officials. Report any safety concerns promptly and follow established protocols for response and recovery efforts throughout the operational period.*
- 4. Coordinate the allocation and deployment of resources, including personnel, equipment, and supplies, to the area's most in need. Continuously assess resource needs and adjust deployment strategies as necessary to optimize response efforts throughout the operational period.*
- 5. Track Damage Reports and assist with providing Damage Assessment Teams as needed throughout the operational period.*

4. Operational Period Support Emphasis:

- 1. Life Safety*
- 2. Situational Awareness*
- 3. Critical Information Requirement (CIR) Reporting*
- 4. Damage Assessment*

General Situational Awareness:
Severe thunderstorms develop west of the Mississippi River during the afternoon and push into Kentucky in the evening as a line of storms.
All severe hazards are in play: ♦ Damaging winds ♦ Tornadoes ♦ Large Hail
Eastward movement will slow considerably east of Interstate 65.
Severe weather may last for 1-2 hours, though heavy rain will last longer

5. Incident Site Safety Plan Required? Yes No

Approved Site Safety Plan(s) Located at:


6. Incident Action Plan (the items checked below are included in this Incident Action Plan):


<input checked="" type="checkbox"/> ICS 202	<input checked="" type="checkbox"/> ICS 206	<u>Other Attachments:</u>
<input checked="" type="checkbox"/> ICS 203	<input type="checkbox"/> ICS 207	<input type="checkbox"/> _____
<input type="checkbox"/> ICS 204	<input checked="" type="checkbox"/> ICS 208	<input type="checkbox"/> _____
<input checked="" type="checkbox"/> ICS 205	<input type="checkbox"/> Map/Chart	<input type="checkbox"/> _____
<input checked="" type="checkbox"/> ICS 205A	<input checked="" type="checkbox"/> Weather Forecast/Tides/Currents	<input type="checkbox"/> _____

7. Prepared by: Name: <u>Jennifer Hitch</u>	Position Title: <u>OSC</u>	Signature:
8. Approved by Agency Administrator: Name: <u>Dustin Heiser, SEOC Mgr</u>	Signature:	

ICS 202	IAP Page <u>2</u>	Date/Time: <i>2 April 2025/1600</i>
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SUPPORT ORGANIZATION ASSIGNMENT LIST(ICS 203)

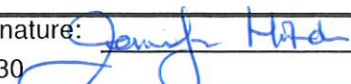
1. Incident Name: <i>2-6 April Severe Weather</i>		2. Operational Period: Date From: <i>4/2/25</i> Date To: <i>4/2/25</i> Time From: <i>16:00</i> Time To: <i>2400</i>	
3. AA and SEOC Support Staff		7. Operations Section:	
AA / GAR	<i>Eric Gibson</i>	Chief	<i>Ian Burkett</i>
SEOC Manager	<i>Dustin Heiser</i>	Field Support	<i>Kelly Dunmire</i>
Deputy SEOC Mgr	<i>Jennifer Hitch</i>	Infrastructure	
Executive Staff	<i>Tiffany Sizemore</i>	Public Safety	
Executive Staff	<i>Lori Hill</i>	Health Services	
Public Info. Officer	<i>David Davis</i>	FEMA LNO	
FEMA IMAT		KYNG LNO	
4. Agency/Organization LNOs		AOB LNO	
Agency/Organization	Name		
<i>NWS</i>		<i>1</i>	<i>Jereme Brown</i>
<i>DLG</i>		<i>2</i>	<i>Patrick Compton</i>
		<i>3 / 10</i>	<i>Rob Blair</i>
		<i>4 KDF</i>	<i>Mike Frolich</i>
		<i>6 SRP</i>	<i>Col Chris Crockett</i>
		<i>6 ARC</i>	
		<i>8 Virtual</i>	<i>Grant Gillion / Ken Kik</i>
5. Planning Section:		<i>9</i>	
Chief	<i>Russell Cole</i>	<i>11</i>	
Documentation	<i>Jenny Ashby</i>	<i>12</i>	<i>Amanda Lemaster</i>
Situation Unit	<i>Will Lovell</i>	<i>13</i>	<i>Dewey Burchfield</i>
		<i>16</i>	
		<i>17</i>	
GIS / IT	<i>Doug Eades</i>		
	<i>Pratiba Pawar</i>		
6. Logistics Section:			
Chief	<i>Brian Hedden</i>		
Resources		Air Operations Branch	
Procurement		Air Ops Branch Dir.	
VOAD			
EMAC			
		8. Finance Administration Section:	
		Chief	
9. Prepared By: Name: <u><i>Jennifer Hitch</i></u>		Position/Title <u><i>OSC</i></u>	
		Signature: 	
ICS 203	IAP Page <u><i>3</i></u>	Date/Time: <i>2 April 25/1600</i>	

INCIDENT RADIO COMMUNICATIONS PLAN		Incident Name 20251428 - 02-06 April Severe EX			Date/Time Prepared 3/28/2025			Operational Period Date/Time 02-06 April 2025					
Ch #	Function	Channel Name/Trunked Radio System Talkgroup	Assignment	RX Freq	N or W	RX Tone/NAC	TX Freq	N or W	TX Tone/NAC	Mode A, D or M	Remarks		
1	EMA Command	DMARCS	KYEM Command	139.XXXXX	N	XXX	142.XXXX	N	XXX	D	STATE EOC		
3													
4													
5	All Users	VTAC14	Tactical	159.4725	N	156.7	159.4725	N	156.7	A	Tactical Simplex Interop		
6	All Users	UTAC41D	Tactical	453.4625	N	156.7	453.4625	N	156.7	A	Tactical Simplex Interop		
7	All Users	8TAC91D	Tactical	851.5125	N	156.7	851.5125	N	156.7	A	Tactical Simplex Interop		
8													
9	AUXCOM	55 Simplex	HAM Group	146.5500	W	CSQ	146.5500	W	CSQ	A	Ham License Required		
10	AUXCOM	Shelbyville	HAM Group	444.0500	W	91.5	449.0500	W	91.5	A	Ham License Required		
11	AUXCOM	KEN Pri 80M	HAM Group	3972.5	USB		3972.5	USB		A	Ham License Required		
12	AUXCOM	KEN Pri 40M	HAM Group	7228.0	USB		7228.0	USB		A	Ham License Required		
13													
14	WX	NOAA WX CH 6	All Users	162.5000	W	None	None	None	None	A			
15													
16													
17													
18													
19													
Prepared By (Communications Unit)					Incident Location KYEM State EOC Boone Center BNGC - Frankfort, KY			County FRANKLIN State KY Latitude N Longitude W					
Patrick Compton - COML													

The convention calls for frequency lists to show four digits after the decimal place, followed by either an "N", "VN", or a "W", depending on whether the frequency is narrow, very narrow, or wide band. Mode refers to either "A" or "D" indicating analog or digital (e.g. Project 25 or NEXEDGE) or "M" indicating mixed mode. All channels are shown as if programmed in a control station, mobile or portable radio. Repeater and base stations must be programmed with the Rx and Tx reversed.



SUPPORT COMMUNICATIONS LIST (ICS 205A)

1. Incident Name: <i>2-6 April Severe Weather</i>		2. Operational Period: Date From: <i>4/2/25</i> Date To: <i>4/2/25</i>	
		Time From: <i>16:00</i> Time To: <i>0:00</i>	
3. Basic Local Communications Information:			
Support Group	Position Assigned	Name	Method(s) of Contact <small>(radio frequency, phone, pager, cell, etc.)</small>
SEOC	AA	Eric Gibson	502-607-1682
SEOC	FEMA IMAT		
SEOC	SEOC Manager	Dustin Heiser	502-401-8558
SEOC	Executive Assistance	Lori Hill	502-892-9988
SEOC	Executive Assistance	Tiffany Sizemore	502-229-1682
SEOC	PIO	David Davis	859-230-6934
Ops	OSC	Ian Burkett	502-229-2504
Ops	Field Support	Kelly Dunmire	502-607-6605
Ops	Infrastructure		
Ops	Public Safety		
Ops	Health Services		
Ops	FEMA LNO	Andrew Bertl	502-330-6543
Ops	KYNG LNO	LTC Curtis Persinger	502-607-6802
Ops	AOB LNO		
Ops	ESF 1	Jerame Brown	502-330-9283
Ops	ESF 2	Patrick Compton	502-330-9531
Ops	ESF 3/10	Rob Blair	502-545-7944
Ops	ESF 4	Mike Froelich	50-682-4449
Ops	ESF 6 - SRP		
Ops	ESF 6 - ARC		
Ops	ESF 8 -	Grant Gillion / Ken Kik	502-229-7347 / 502-234-8392
Ops	ESF9 -	Wes Gilliam	502-401-6155
Ops	ESF11 -		
Ops	ESF 12 - SEO	Amanda Lemaster	802-226-0043
Ops	ESF 12 - LG&E		
Ops	ESF 13 - KSP		
Ops	ESF 13 - DOC	Tim Baker	502-382-7509
Ops	ESF 16 -		
Ops	ESF 17 -		
Ping	PSC	Russell Cole	502-401-9917
Ping	SITL	Wil Lovell	502-607-6641
Ping	DOCL	Jenny Ashby	502-607-6641
Logistics	LSC	Brian Hedden	502-607-6607
Logistics	Resoures		
Logistics			
<i>Fiance</i>			
4. Prepared by:		Name: <u>Jennifer Hitch</u>	Signature: 
ICS 205A	IAP Page	<u>5</u>	Date/Time: April 2, 2024/1330



Wind Advisory Today

April 2, 2025
3:07 PM

What

- South winds 20 to 30 mph with gusts of 45 to 50 mph expected.

When

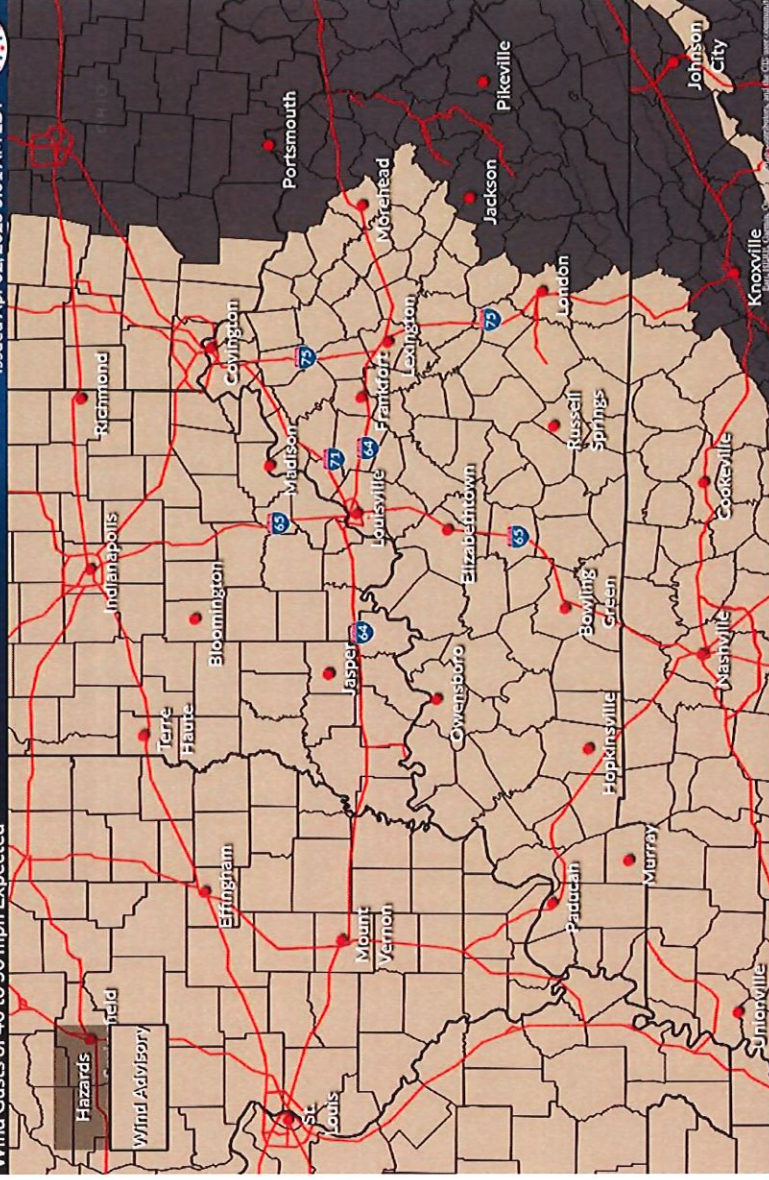
- From 8 AM EDT Wednesday to 1 AM EDT Thursday

Impacts

- Gusty winds will blow around unsecured objects.
- Tree limbs could be blown down and power outages may result.
- Winds this strong can make driving difficult, especially for high profile vehicles on east-west roads including Interstate 64.

Wind Advisory Today

Wind Gusts of 40 to 50 mph Expected



Weather Forecast Office
Louisville, KY
Issued Apr 02, 2025 5:01 AM EDT



Facebook and X: @NWSLouisville

www.weather.gov/lmk



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Severe Threat Round 1: Tonight

April 2, 2025
3:07 PM

Greatest Threat Across Western Kentucky and Southern Indiana

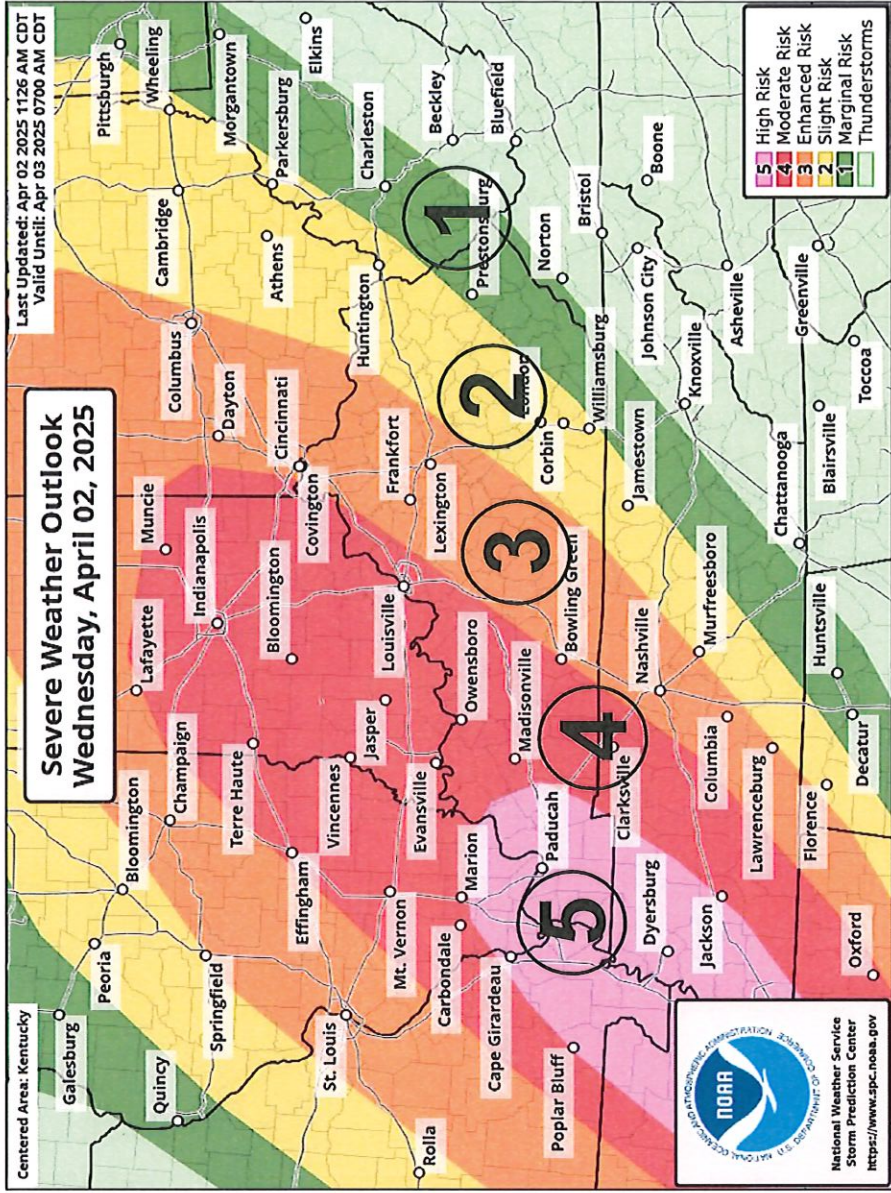
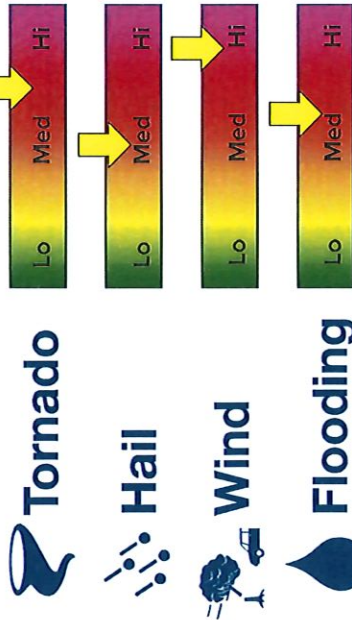
Key Messages

→ Severe thunderstorms develop west of the Mississippi River during the afternoon and push into Kentucky and Indiana in the evening as a line of storms

→ All severe hazards are in play:

- ◆ **Damaging winds**
- ◆ **Tornadoes**
- ◆ **Large Hail**

Threats Confidence



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Understanding SPC Outlook Categories

April 2, 2025
3:07 PM

Severe Weather Risks Defined

What Do These Risks Mean?

4 - Moderate

Widespread severe storms likely

Long-lived, widespread and intense storms

Several severe storms are likely to be significant

Examples:

- Strong Tornadoes
- Several reports of Significant Wind Damage
- Destructive Hail 2+”

5 - High

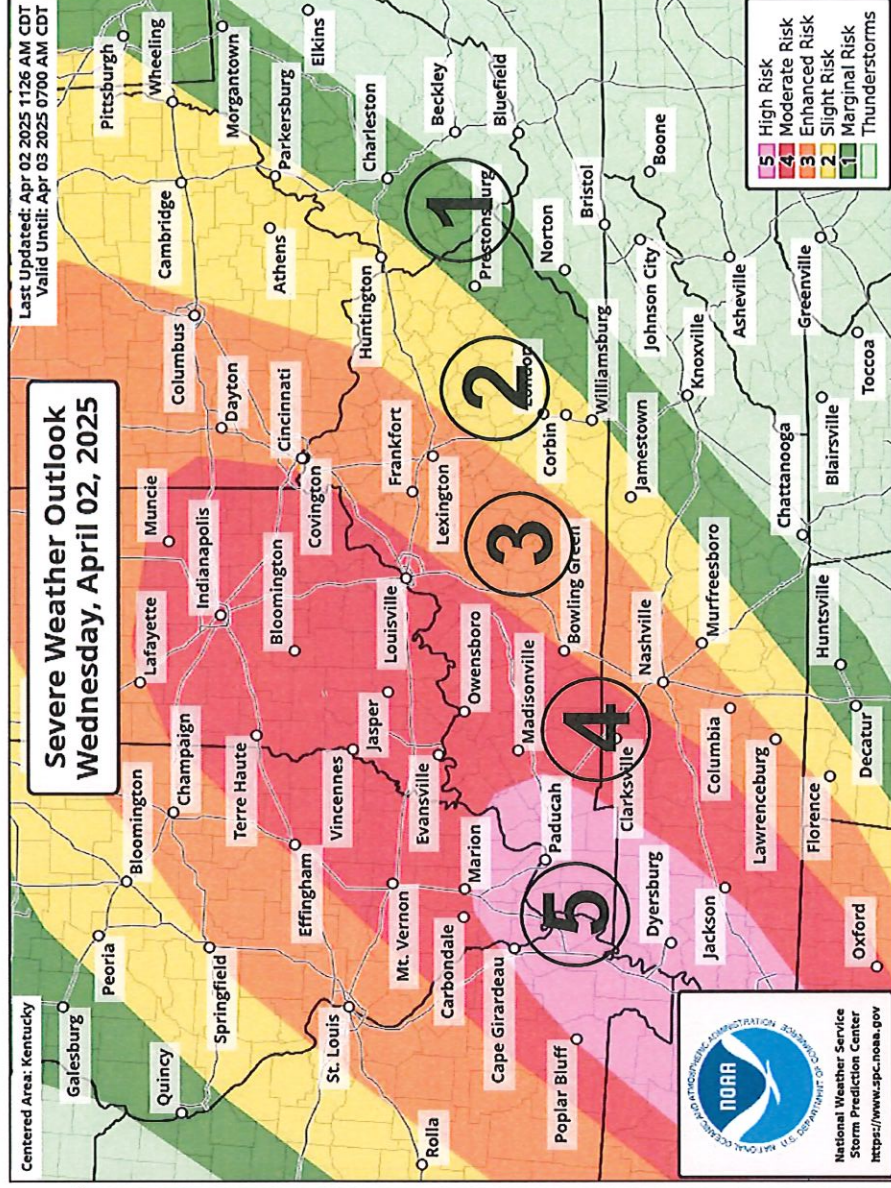
Widespread severe storms expected

Outbreak of intense and long-lived storms

Numerous severe storms likely to be significant

Examples:

- Tornado Outbreak
- Widespread reports of Significant Wind Damage
- Destructive Hail 2+”



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National Weather Service
Louisville, KY



Tonight's Severe Threat Timing

April 2, 2025
3:07 PM

Much Lower Confidence Than The Sunday Night Event

Key Messages

- Storms will push east across western Kentucky and southwest Indiana during the evening hours
- Eastward movement will **slow considerably** east of Interstate 65
- Confidence in timing and severity of storms is much lower east of Interstate 65
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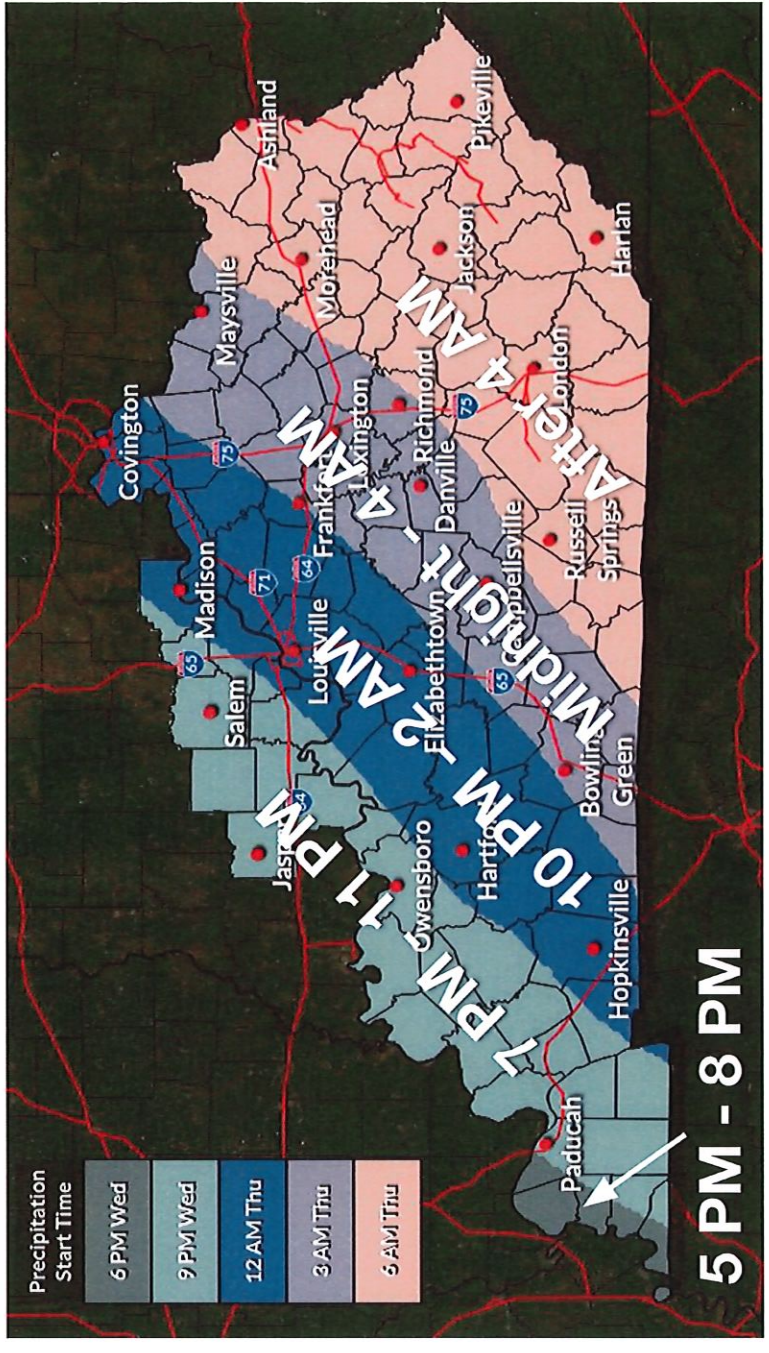
Confidence in Timing



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National Weather Service
Louisville, KY

All Times in EDT





Tornado Probabilities

April 2, 2025
3:07 PM

This Evening into Tomorrow Morning

Key Messages

- Tornadoes are expected
- Strong, potentially long-track, tornadoes will be possible

Hatched Area: ≥10% chance of a significant tornado (EF-2 or stronger)

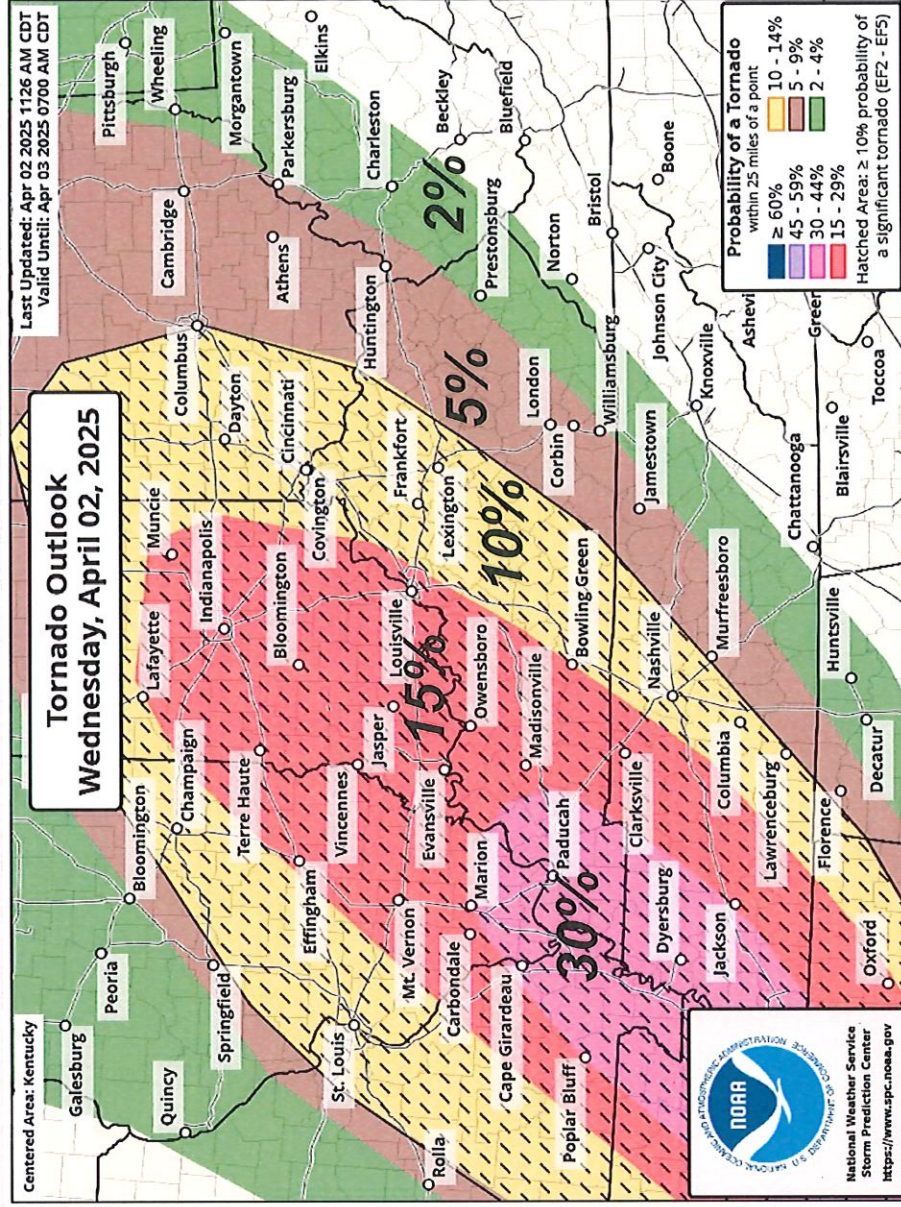
What You Can Do

- Have a plan for when warnings are issued for your area! Make sure you have multiple ways to receive warnings, do not rely on outdoor sirens!
- Know where to shelter at home or work.

Confidence in Tornadoes



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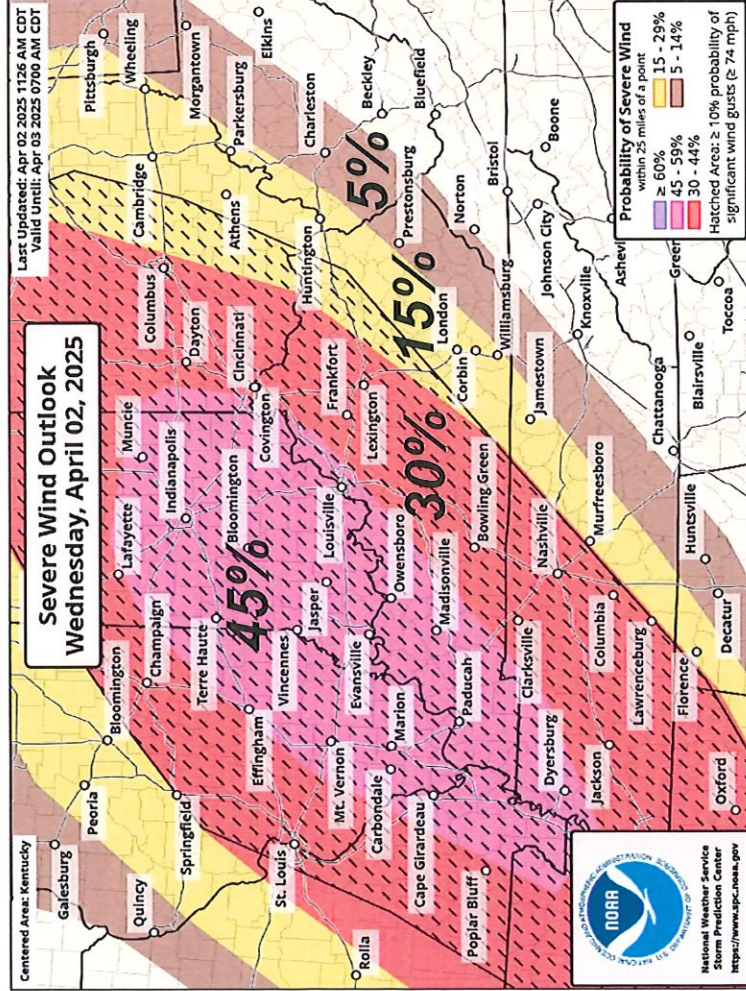


Severe Wind and Hail Probabilities

April 2, 2025
3:07 PM

This Evening into Tomorrow Morning

Probability of Severe Straight-Line Winds (58+ mph)

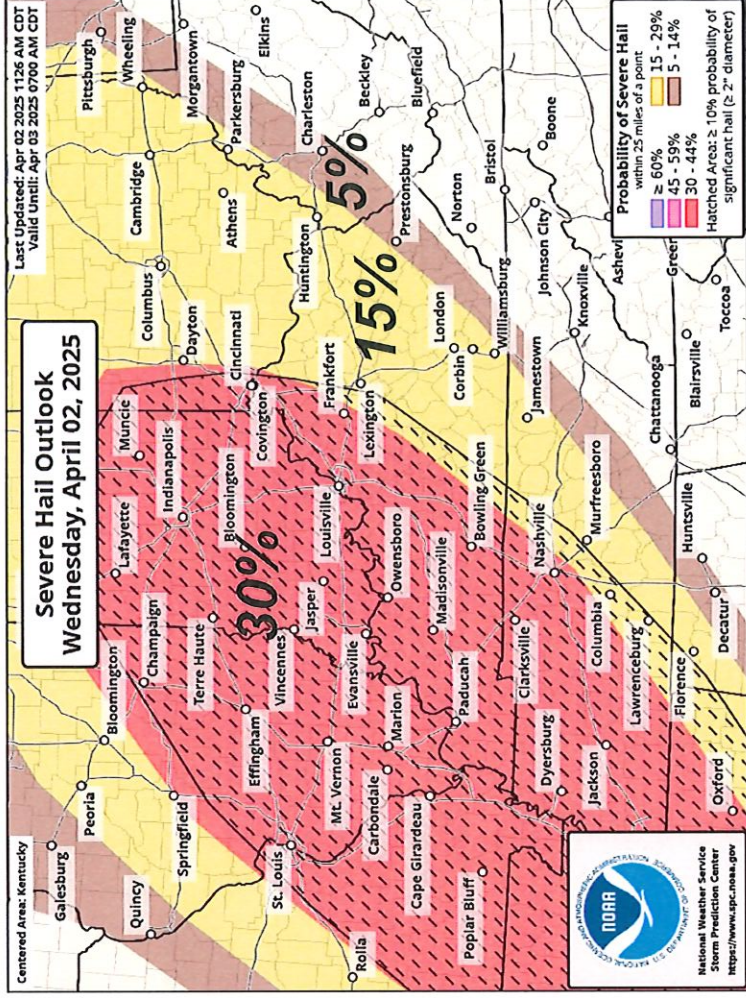


Hatched Area: ≥10% chance of 75+ mph wind



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Probability of Severe Hail (1" Diameter)



Hatched Area: ≥10% chance of 2+ diameter hail

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Louisville, KY



Severe Storm Potential Thursday-Saturday

April 2, 2025
3:07 PM

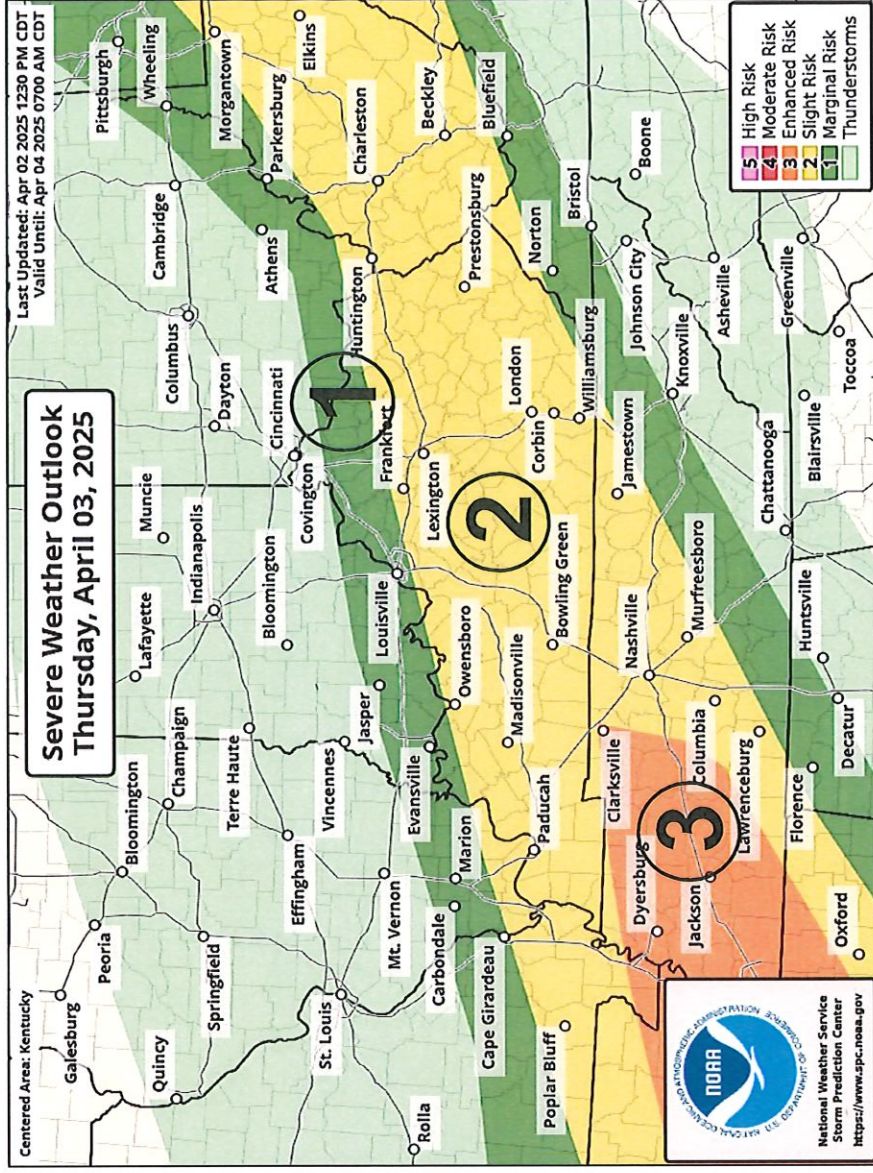
Key Messages

- Additional waves of showers and storms will ride along a stalled cold front
- The evolution of tonight's and later storms will determine where the greatest threats are
- All hazards are in play; however, the long-track tornado and destructive wind threat will be much lower
- There is potential that tonight's storms could damage infrastructure for receiving future flood and severe warnings

Confidence in Severe Storms



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Severe Storm Potential Thursday-Saturday

April 2, 2025
3:07 PM

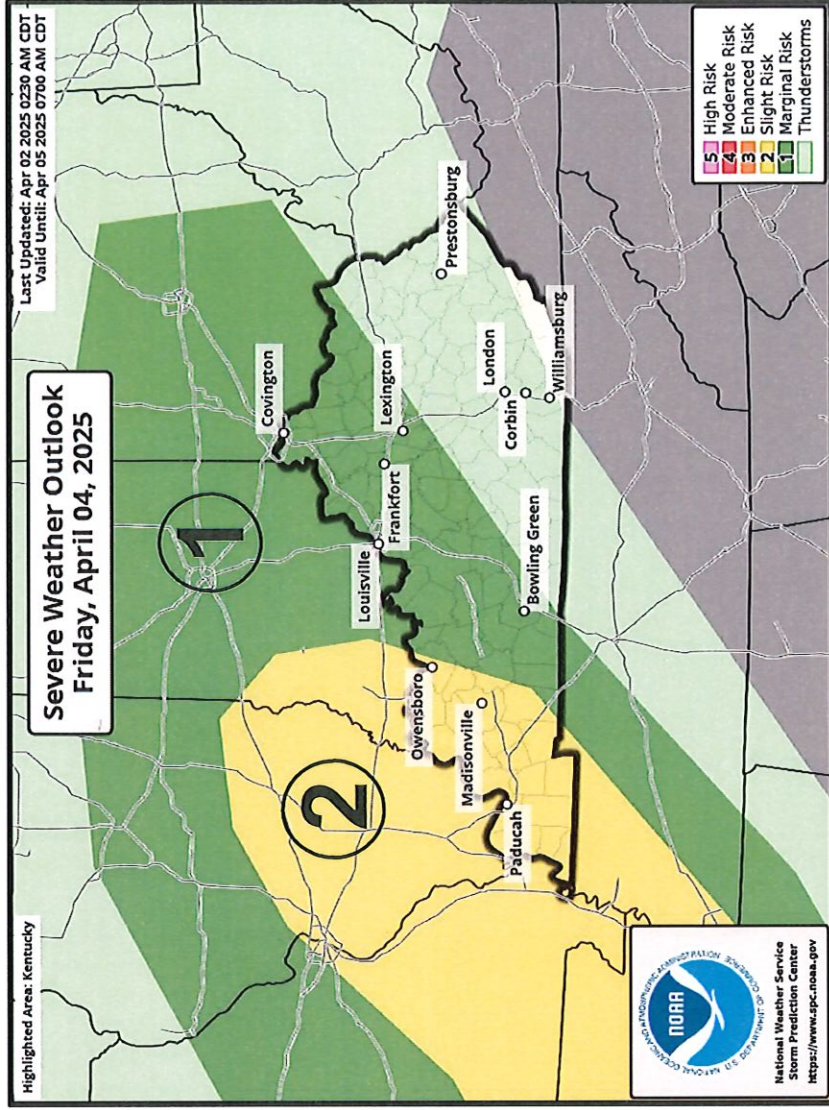
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Confidence in Severe Storms



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Severe Storm Potential Thursday-Saturday

April 2, 2025
3:07 PM

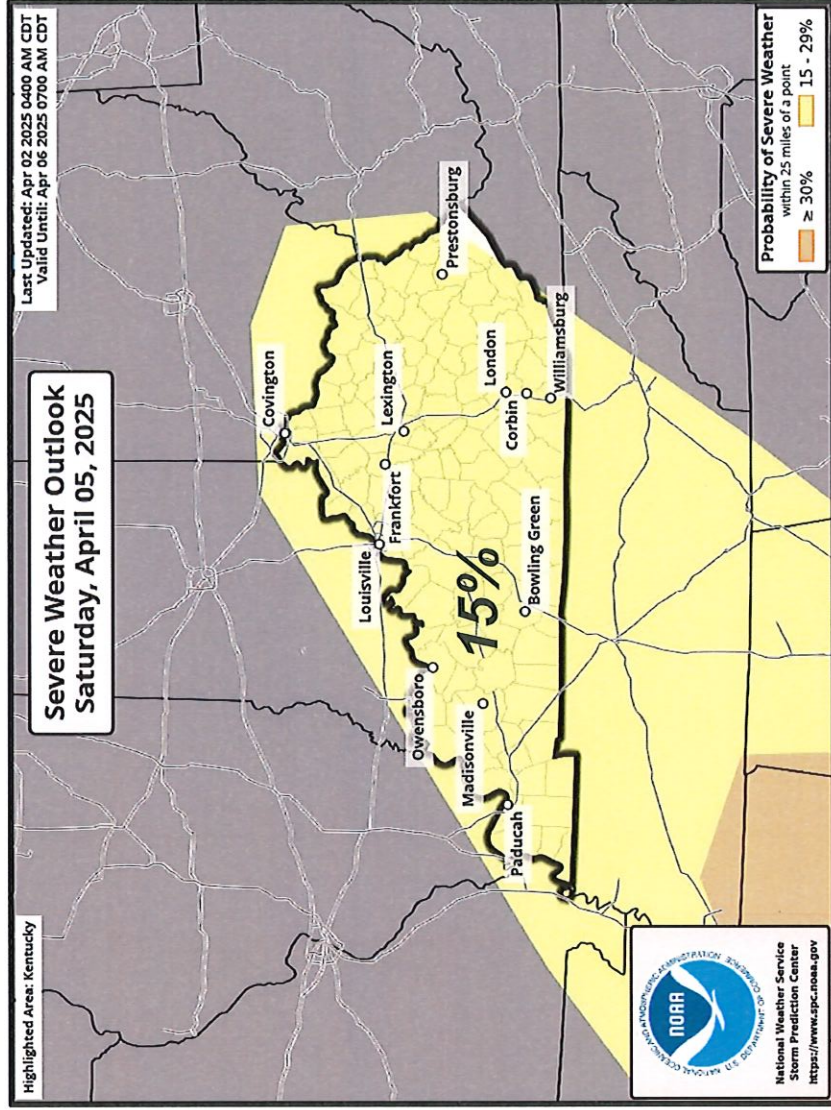
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Confidence in Severe Storms



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Major Flooding Likely Late Week

April 2, 2025
3:07 PM

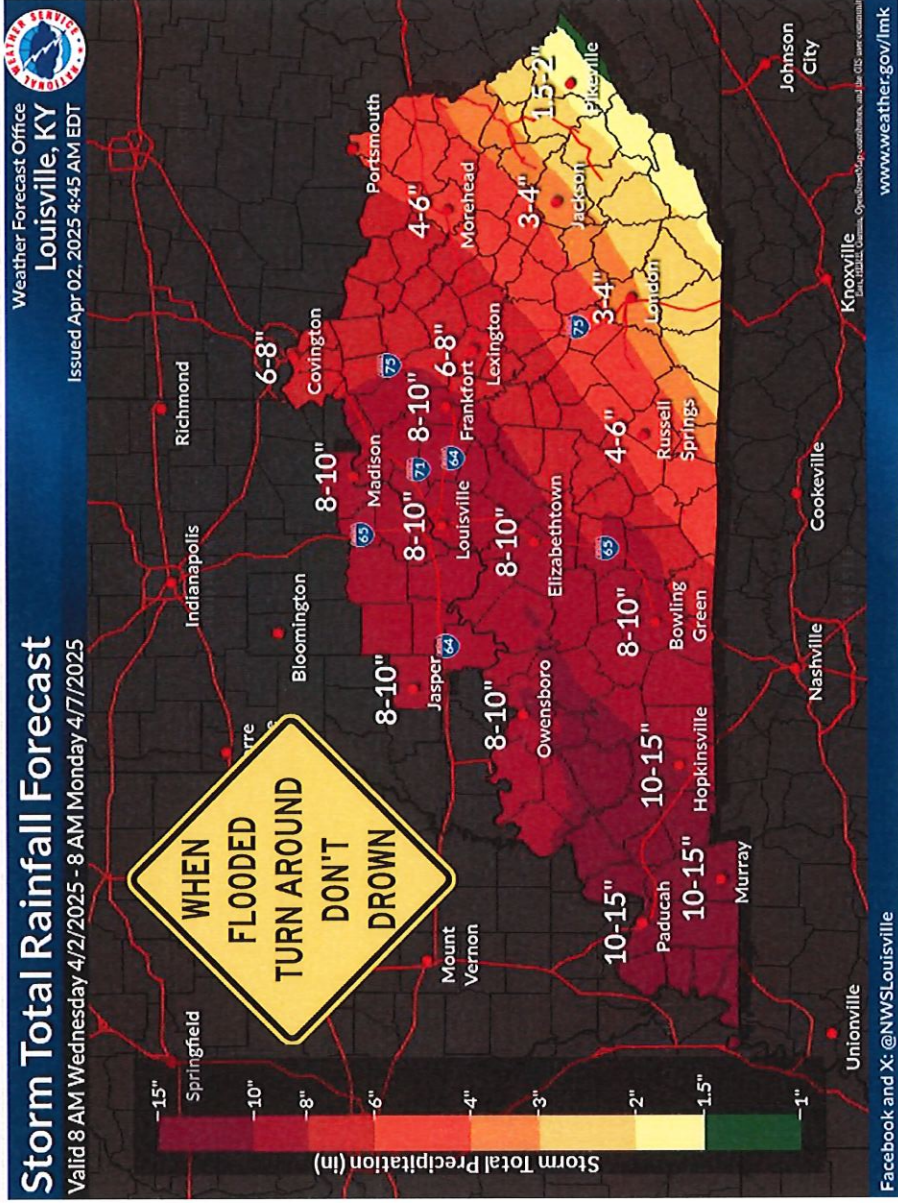
Key Messages

- Multiple rounds of heavy rainfall are expected this evening through the weekend
- Flooding will become more widespread later in the week as additional storms move through
- The area of heaviest rainfall may shift slightly over the next few days

Impacts

- **Flash flooding** due to heavy rainfall rates in thunderstorms
- **Widespread river flooding**
- **Potentially life-threatening flooding**

Confidence in Flooding



National Weather Service
Louisville, KY

Facebook and X: @NWSLouisville

www.weather.gov/lmk

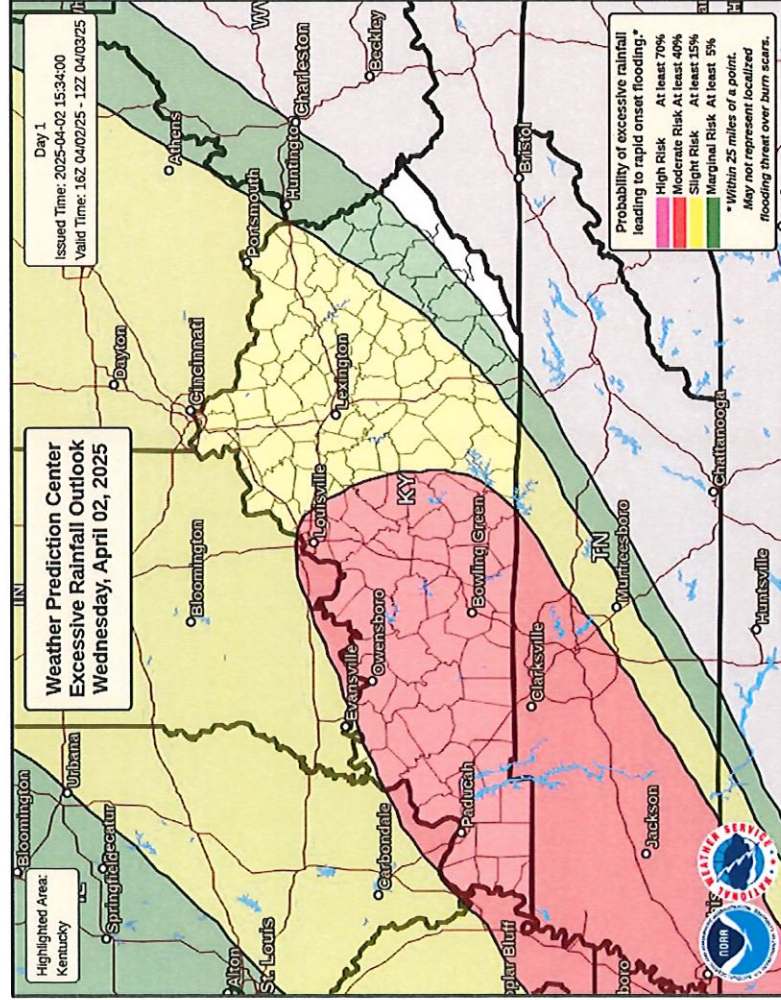


Major Flooding Likely Late Week

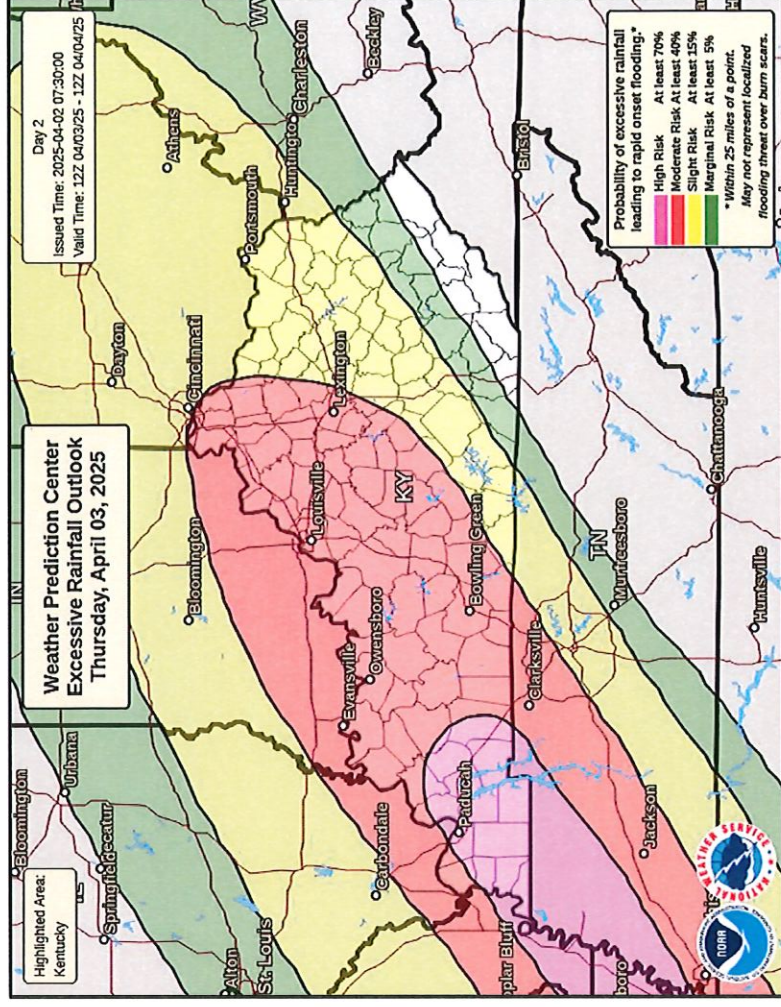
April 2, 2025
3:07 PM

Excessive Rainfall Outlooks for Today and Thursday

Today's Excessive Rainfall Outlook



Thursday Excessive Rainfall Outlook



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Louisville, KY

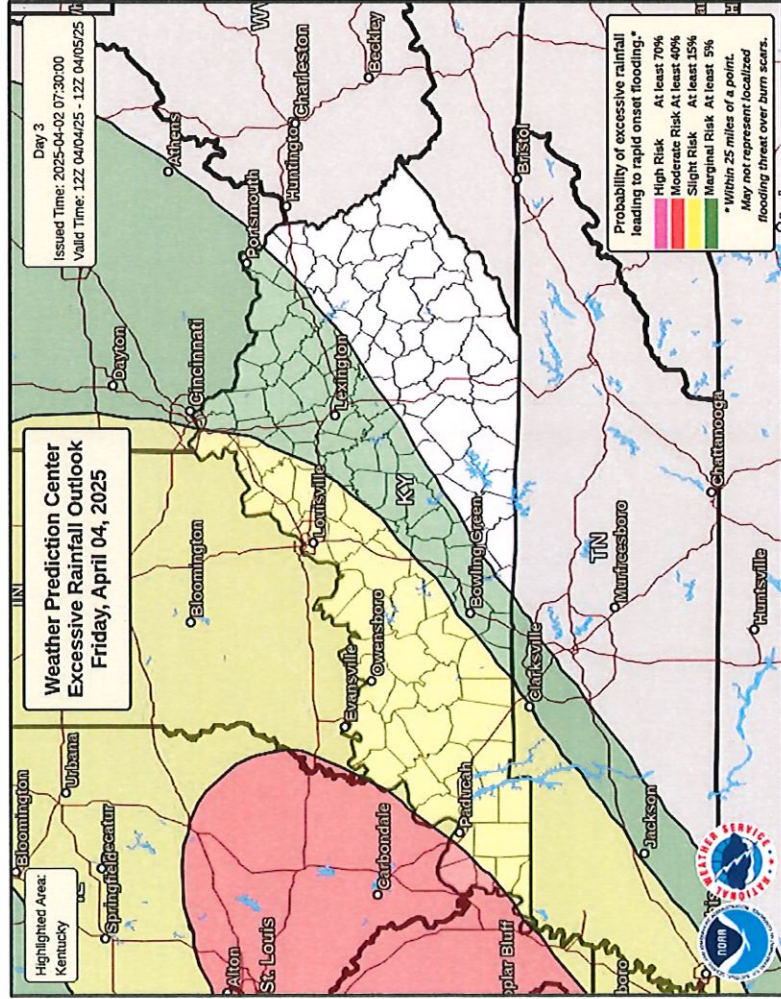


Major Flooding Likely Late Week

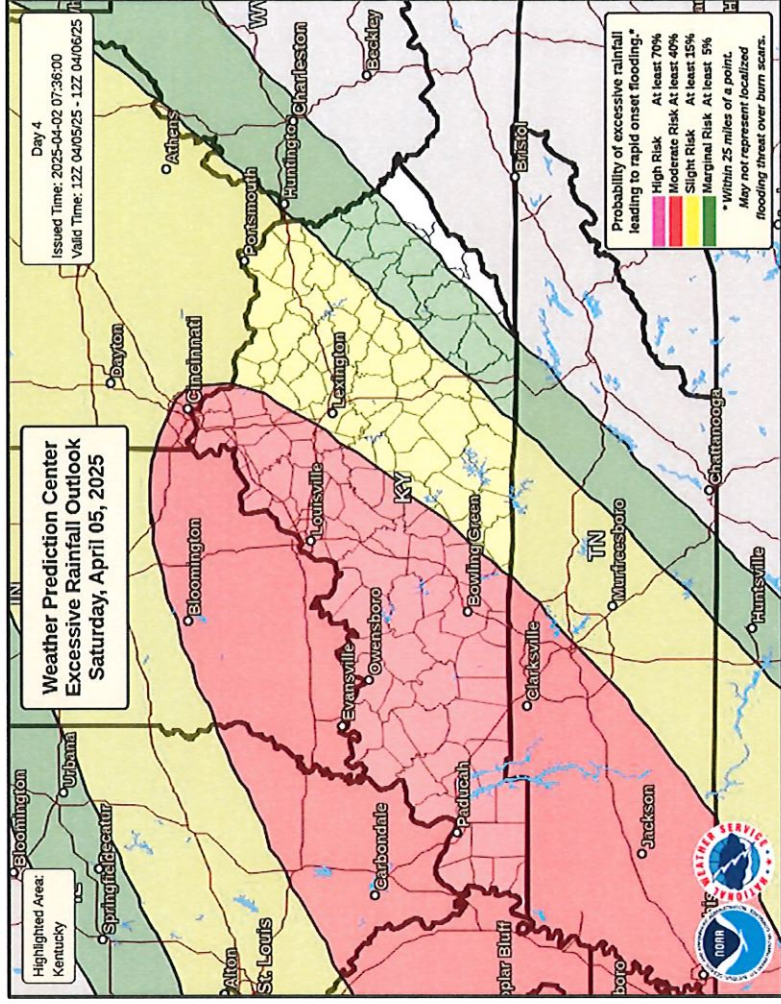
April 2, 2025
3:07 PM

Excessive Rainfall Outlooks for Friday and Saturday

Friday Excessive Rainfall Outlook



Saturday Excessive Rainfall Outlook



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National Weather Service
Louisville, KY



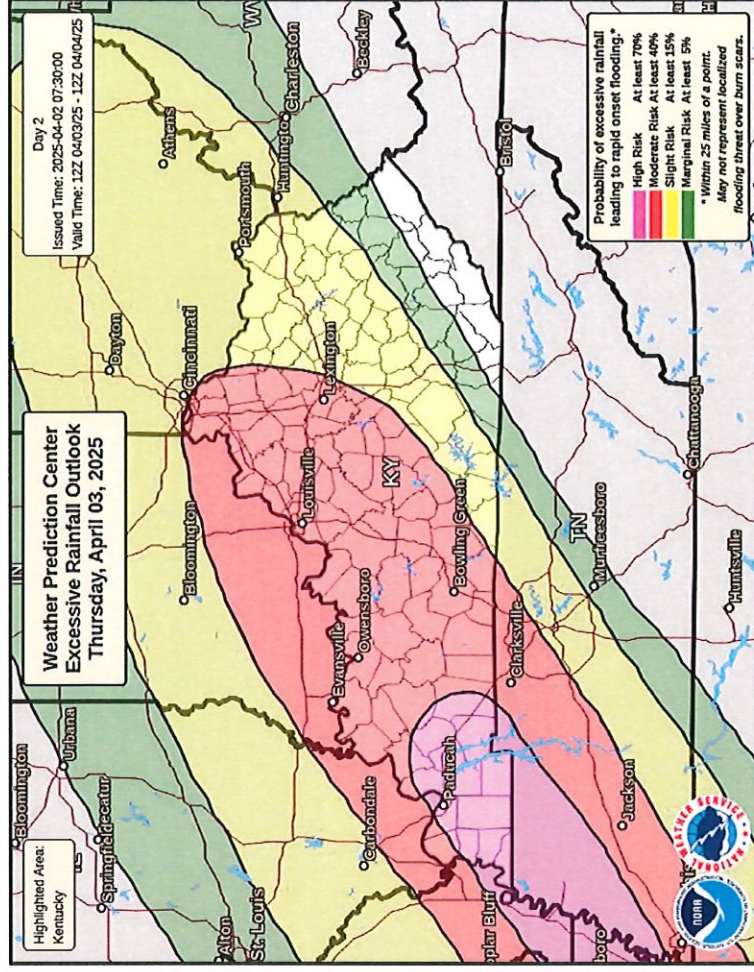
Understanding WPC Outlook Categories

April 2, 2025
3:07 PM

Excessive Rainfall Outlooks Defined

SLIGHT (SLGT)	MODERATE (MDT)	HIGH (HIGH)
<p>Scattered flash floods possible</p> <p>Mainly localized. Most vulnerable are urban areas, roads, small streams and washes. Isolated significant flash floods possible.</p>	<p>Numerous flash floods likely</p> <p>Numerous flash flooding events with significant events possible. Many streams may flood, potentially affecting larger rivers.</p>	<p>Widespread flash floods expected</p> <p>Severe, widespread flash flooding. Areas that don't normally experience flash flooding, could. Lives and property in greater danger.</p>

What Do These Risks Mean?



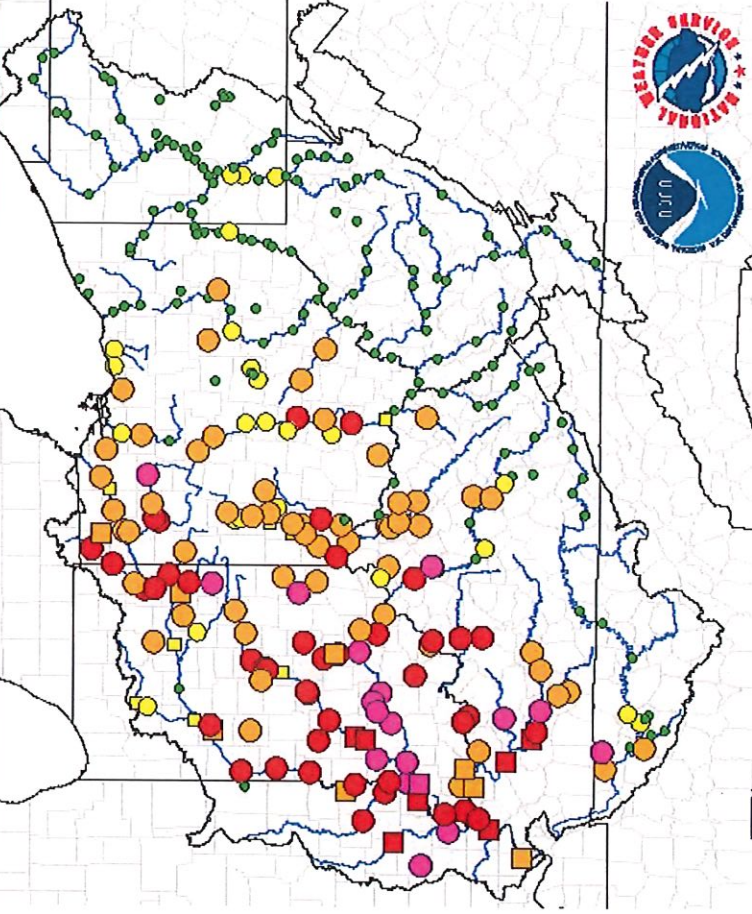
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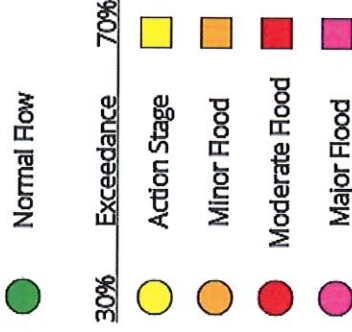
Major Flooding Likely Late Week

April 2, 2025
3:07 PM

This is an increasingly significant setup with potential for high impacts and life-threatening flooding spanning the course of several days. Be sure to prepare if you live in a flood zone!



10-Day Potential River Levels
2025-04-02 - 2025-04-12
NWS Ohio River Forecast Center



HEFS Model Cycle:
2025040212Z

Issued Apr 02 12:04 EDT



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U.S. Department of Commerce

National Weather Service
Louisville, KY

NEVER DRIVE THROUGH FLOOD WATERS

Most flood fatalities
occur in vehicles

12 inches of water can
sweep a car off the road



weather.gov/flood

Be Prepared for Nighttime Tornadoes

NOAA Weather Radio

Test regularly and make sure it's tuned to your local station

Safe Place

Have a safe place prepared if you know storms are coming

Cell phone

Turned on, charged and Wireless Emergency Alerts enabled

Flashlight & Shoes

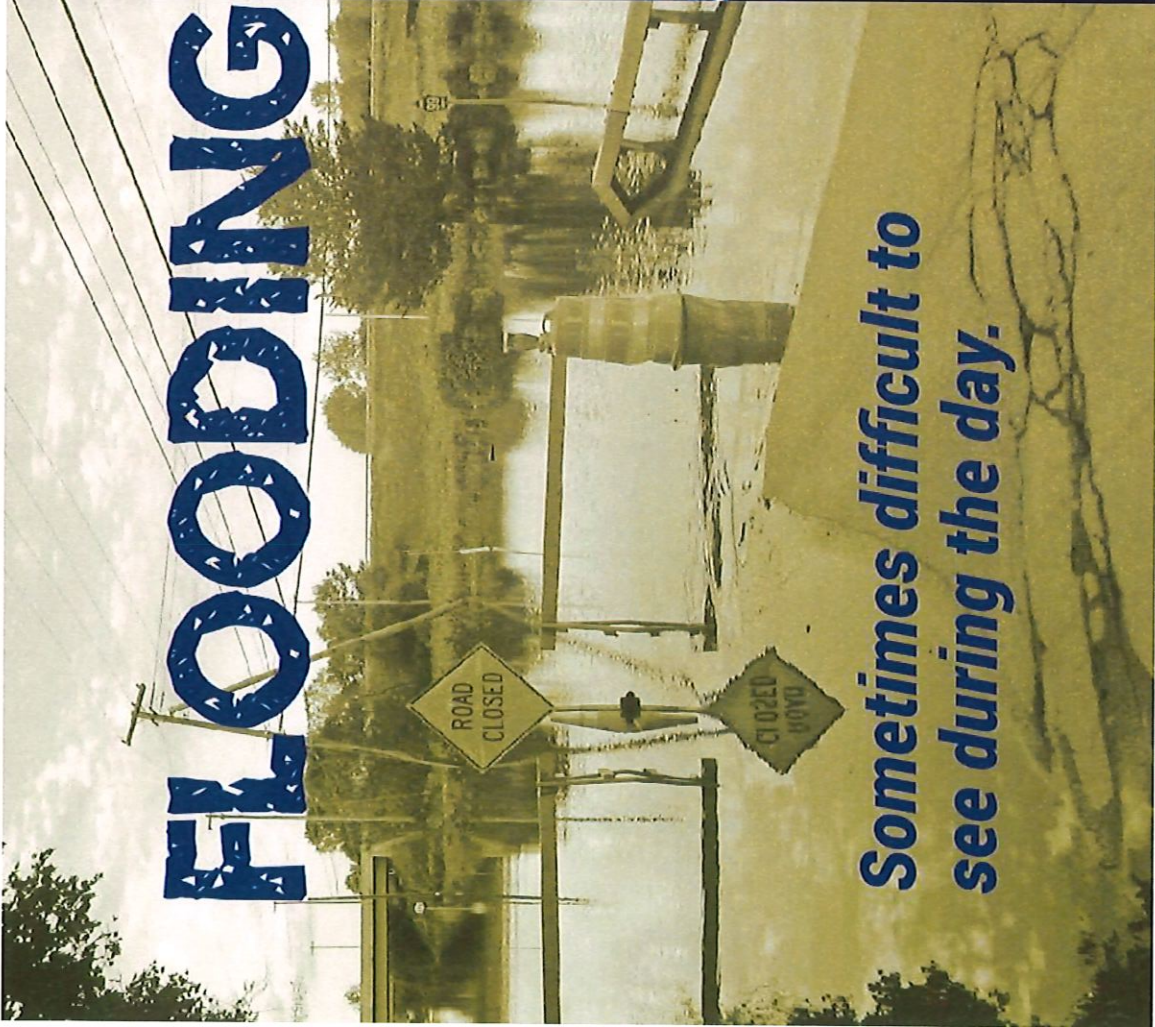
Keep flashlight and sturdy shoes handy



weather.gov

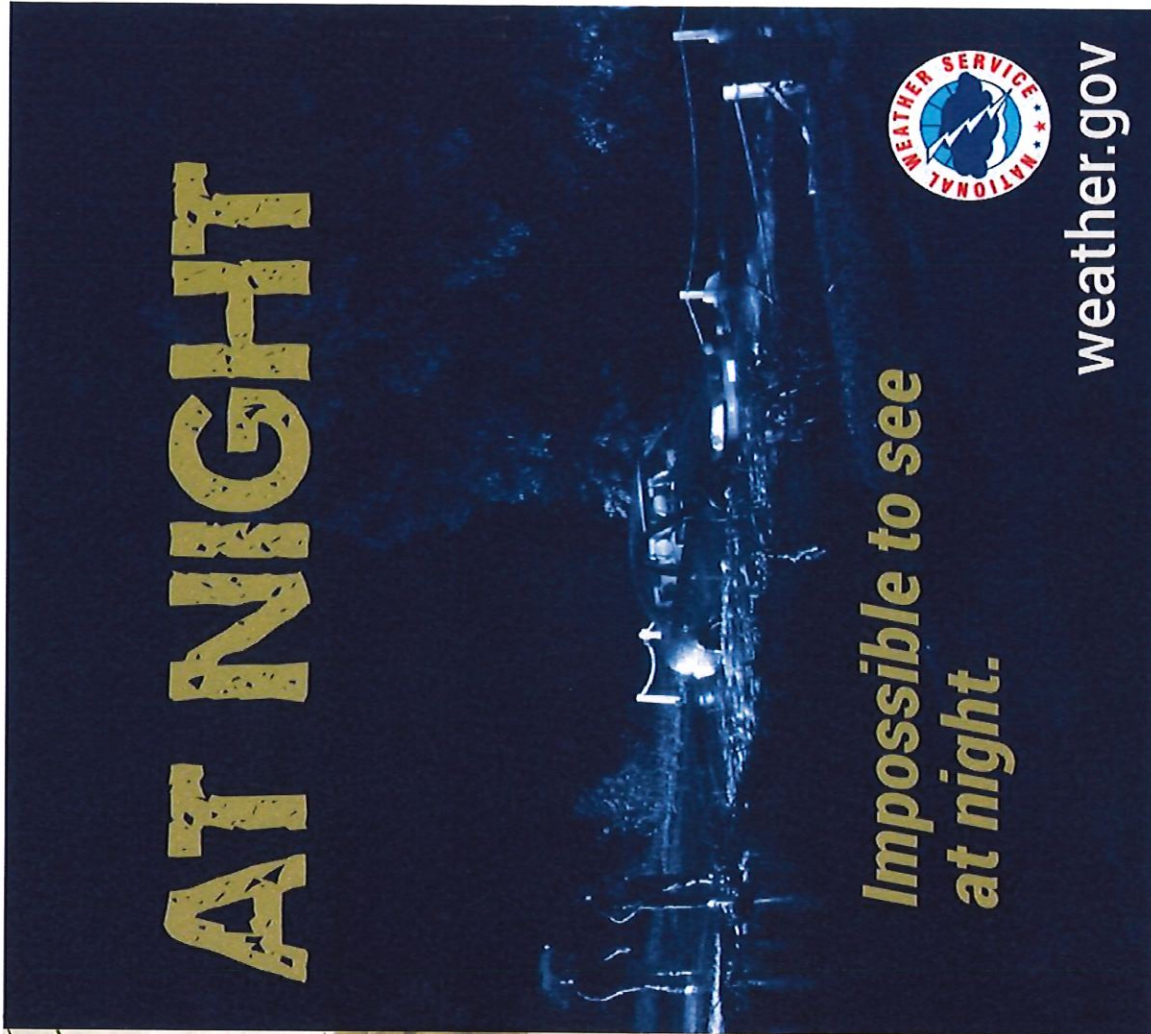
FLOODING

Sometimes difficult to see during the day.



AT NIGHT

Impossible to see at night.



weather.gov