



Multiple Days of Severe Storm Potential

April 26, 2026
4:27 PM

Today through Tuesday

Key Messages

- Multiple rounds of strong to severe thunderstorms today through Tuesday.
- Coverage of storms is expected to be isolated to scattered at any given time, but some of the storms may be high-impact, especially Monday.
- Localized flooding risk for any areas that see multiple rounds of heavy rainfall.

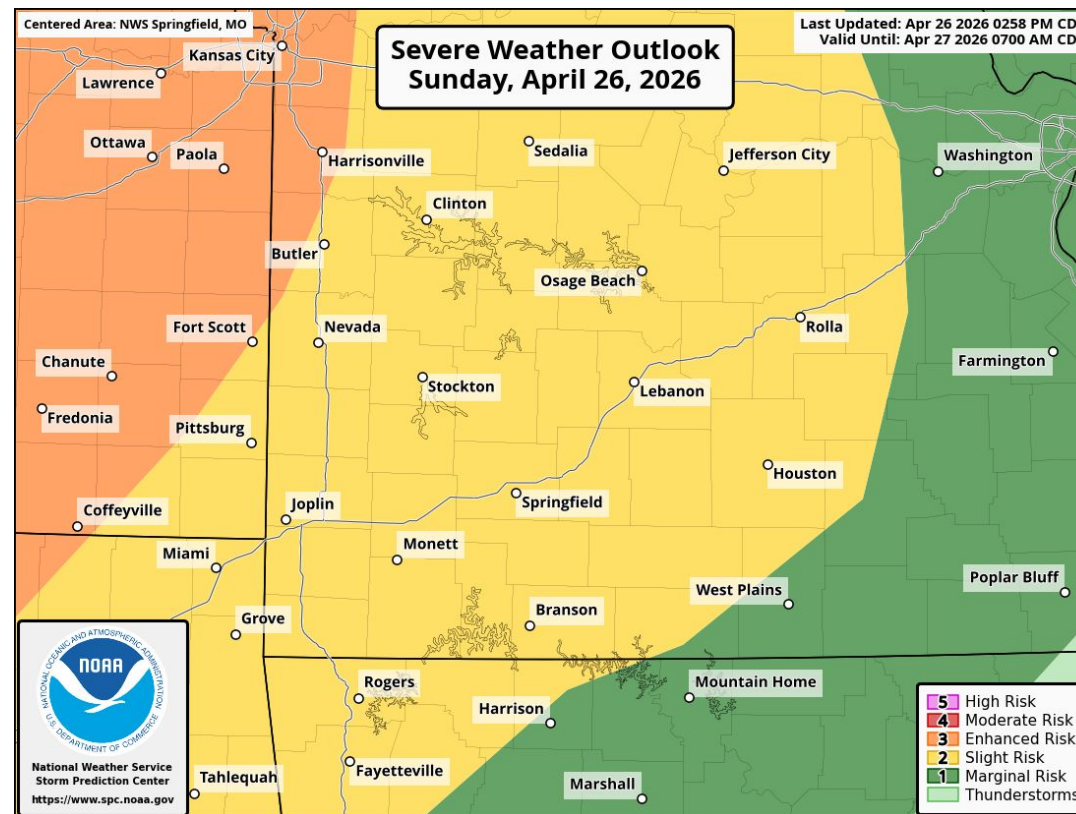
NEW

Important Updates

- Updated threats for today, including tornado threat farther east.
- Severe probabilities on Monday expanded westward.

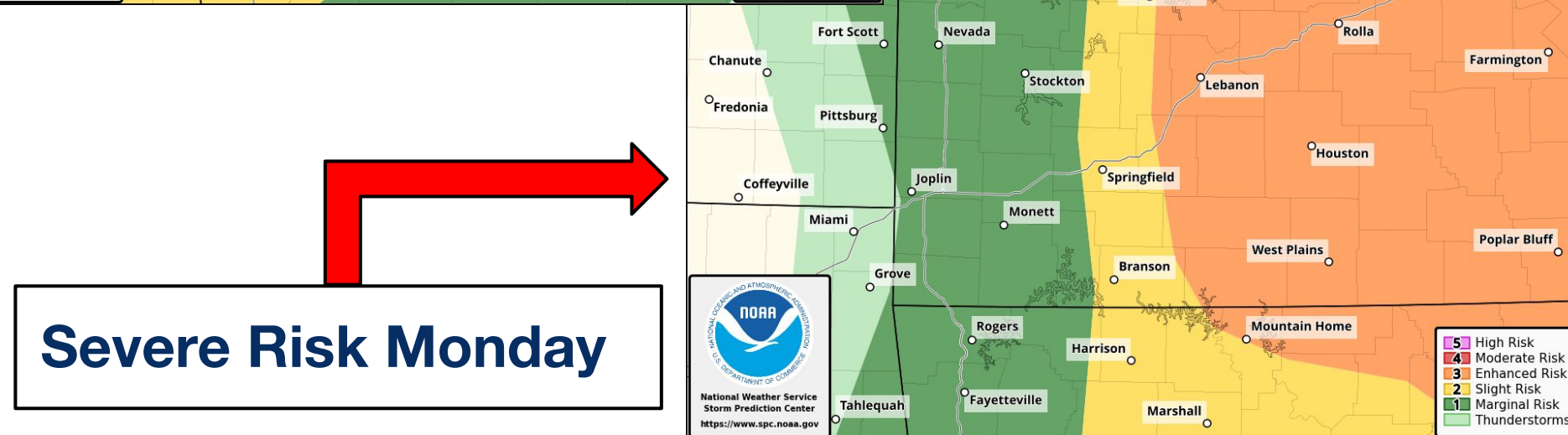
Next Scheduled Briefing

- Monday morning.



←

Severe Risk Today



→

Severe Risk Monday

National Weather Service
Springfield, MO

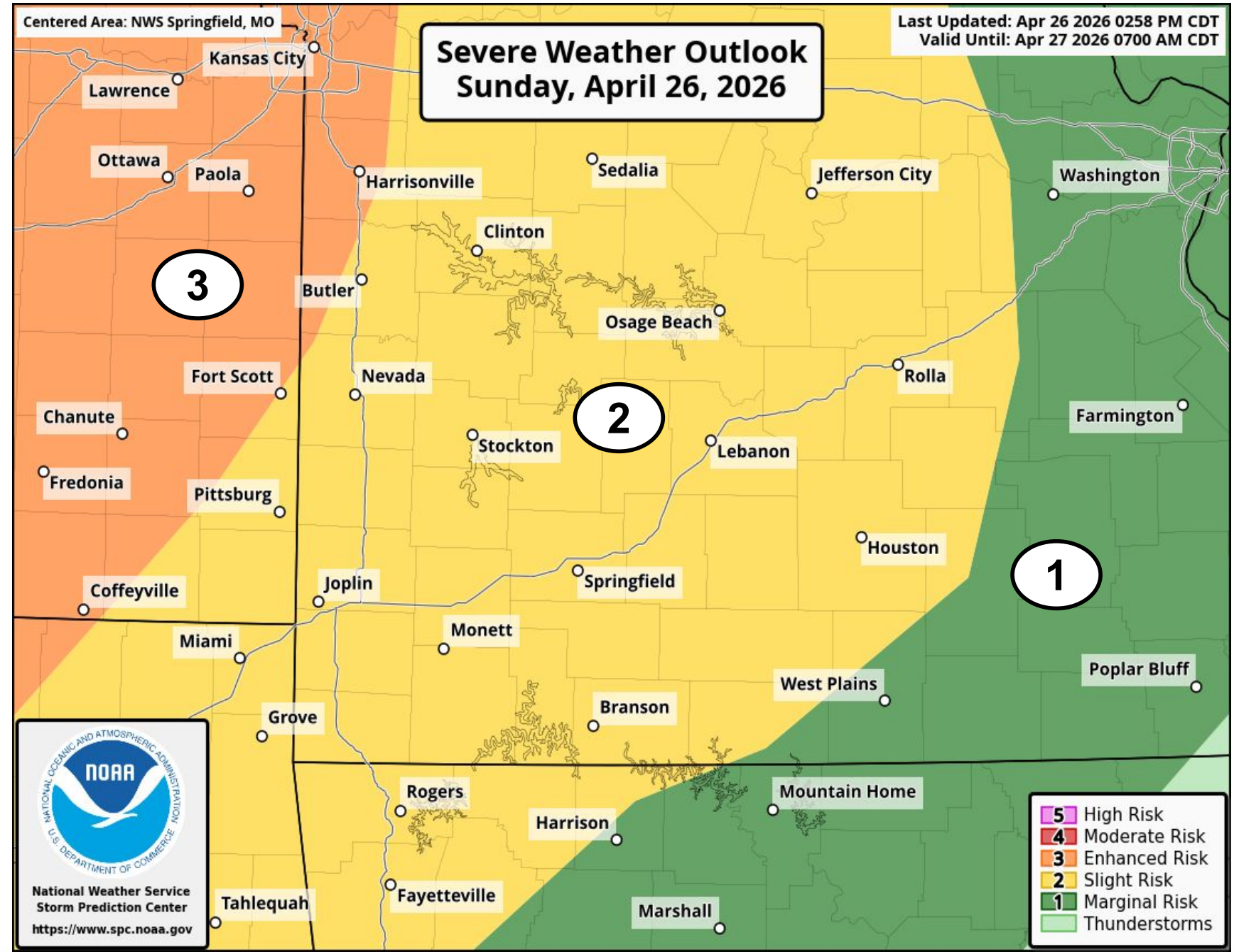


Severe Outlook Today

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! Key Messages

- There is still a considerable amount of uncertainty regarding evolution and timing of storms, from initiation time and location through how storms evolve into tonight.
- Storm mode will be supercells and clusters of supercells. Supercell clusters may develop embedded bowing segments.
- Several rounds of storms will bleed into each other to create an extended (16+ hour) window for severe weather.
- All hazards will be possible with these storms. Tornado threat increases through the overnight hours.





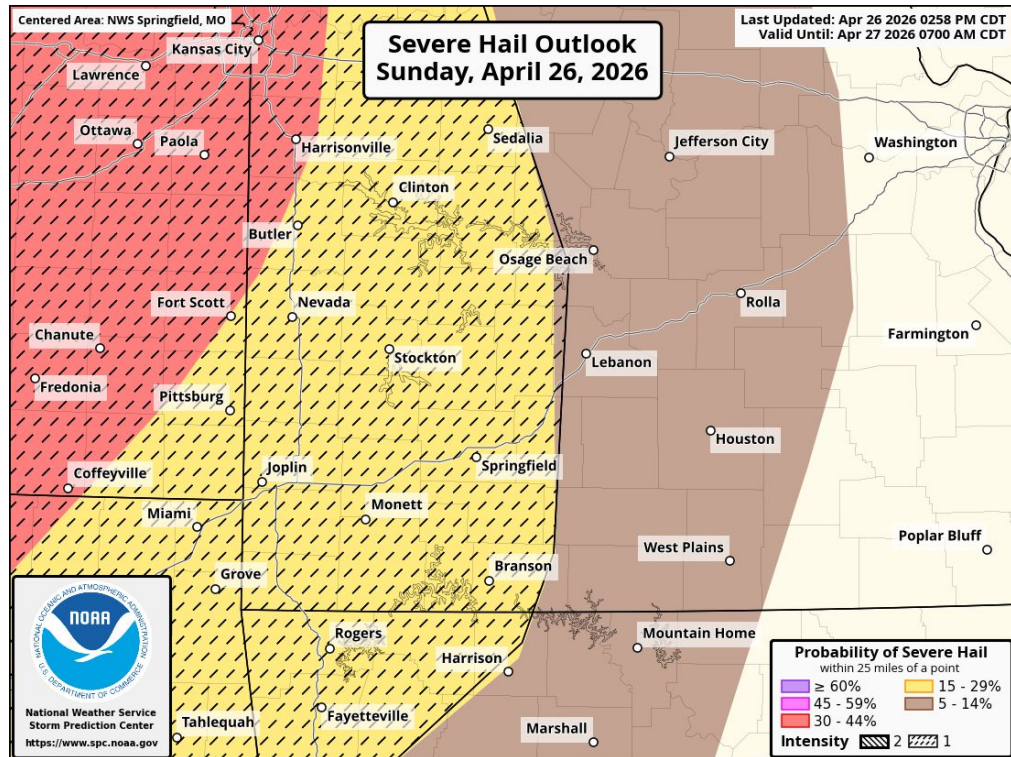
Hazard Probabilities on Monday

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Primary Hazards: Hail and Damaging Wind



Hail Probability



Chance of Severe Hail Within 25 Miles

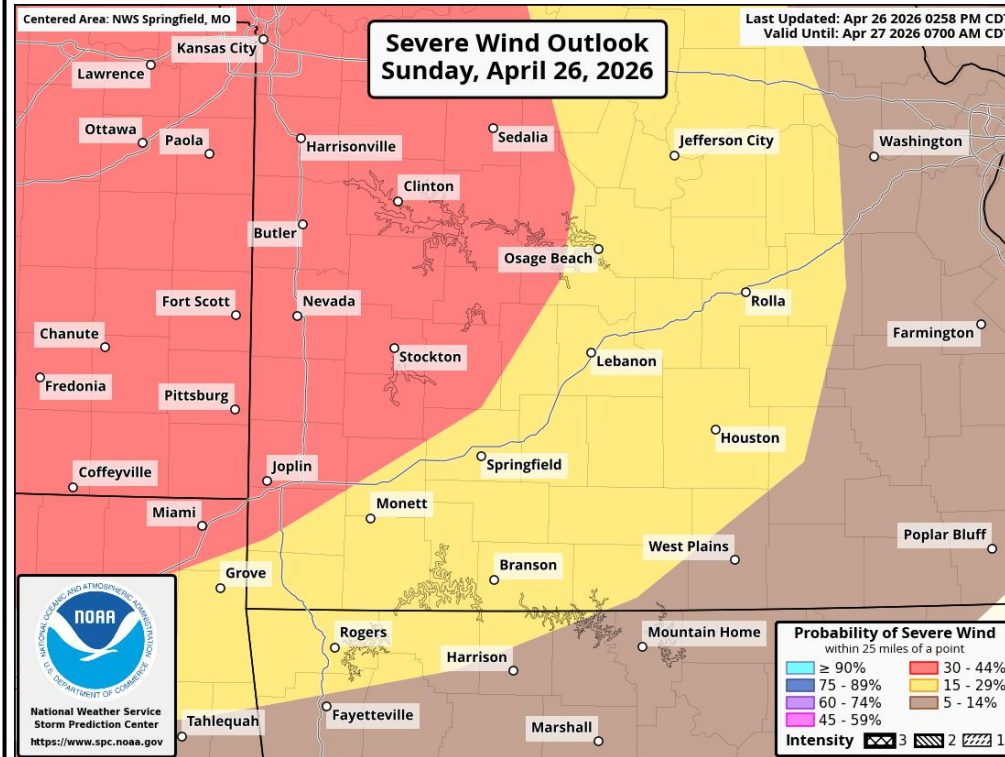
Reasonable Maximum Hail Size

Up to 44%

Tennis Balls (2.5")



Wind Probability



< 60 mph

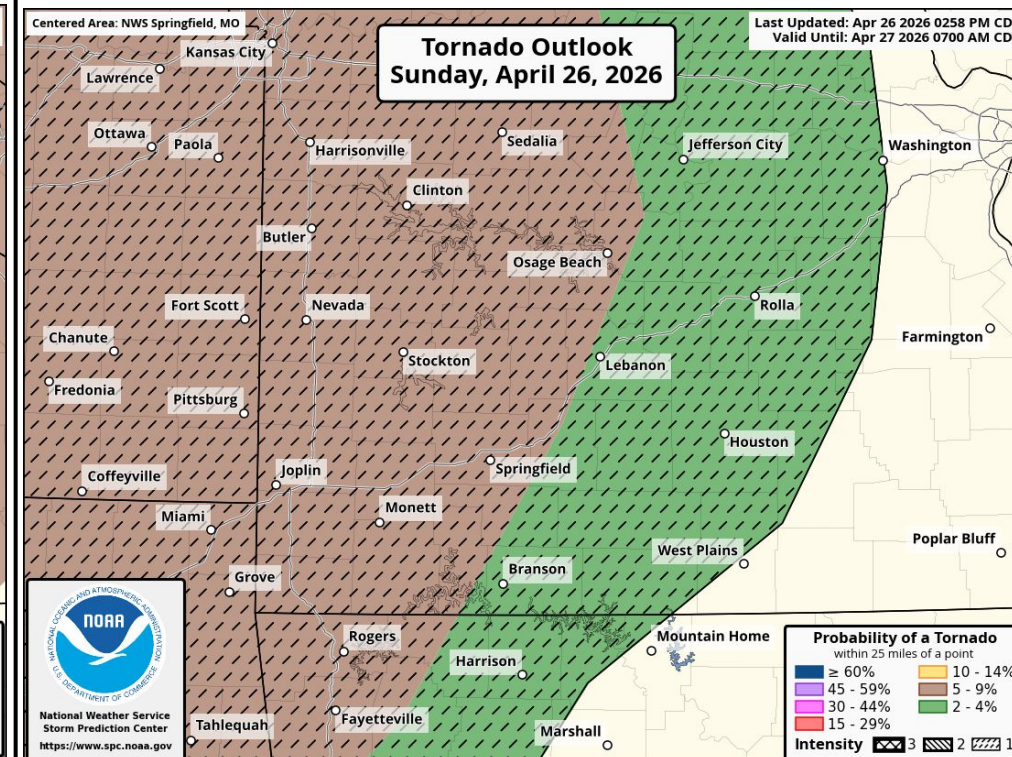
60-70 mph

70-80 mph

>80 mph



Tornado Probability



Chance of a Tornado Within 25 Miles

Reasonable Maximum Tornado Intensity*

Up to 10%

EF2



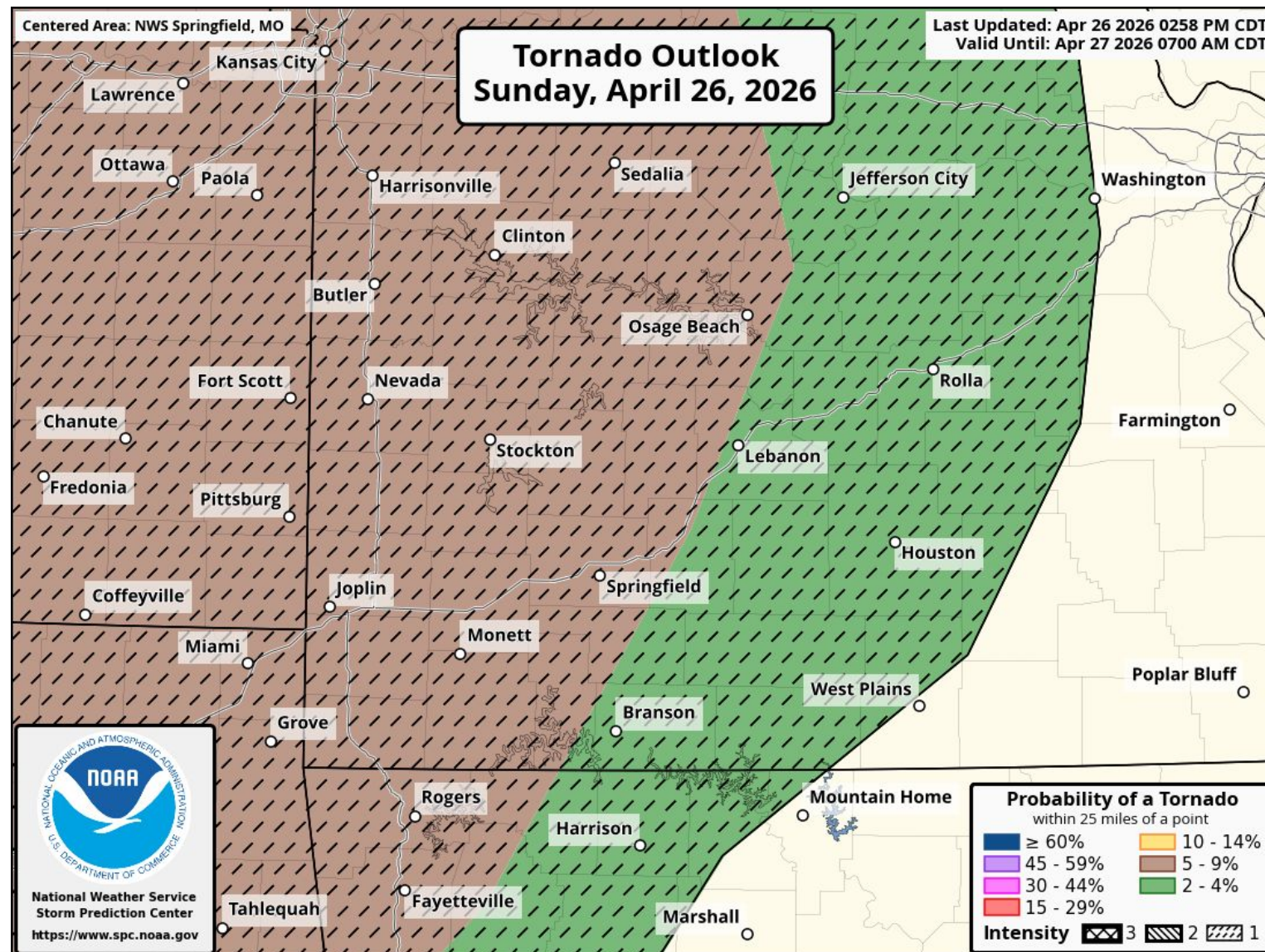
Tornado Probabilities & Timing Today

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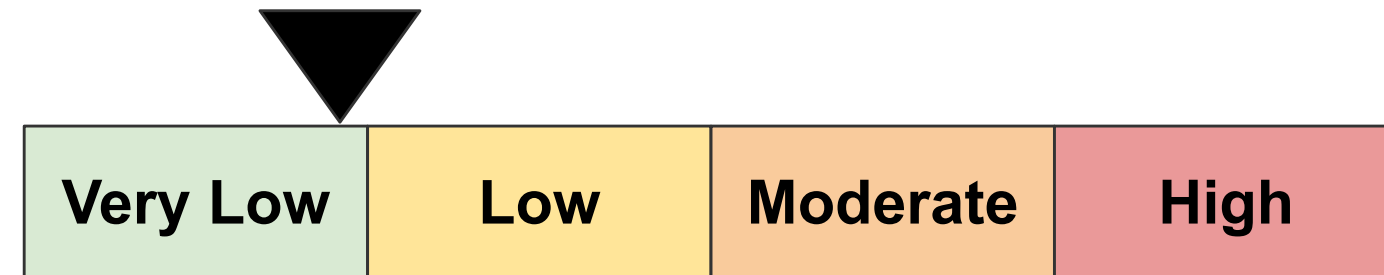
Tornado risk initially low, but increasing into the late evening and overnight hours



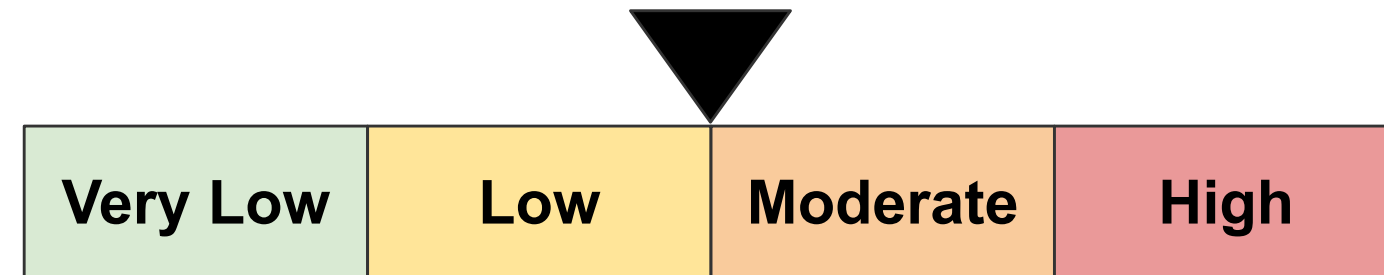
Tornado Probability



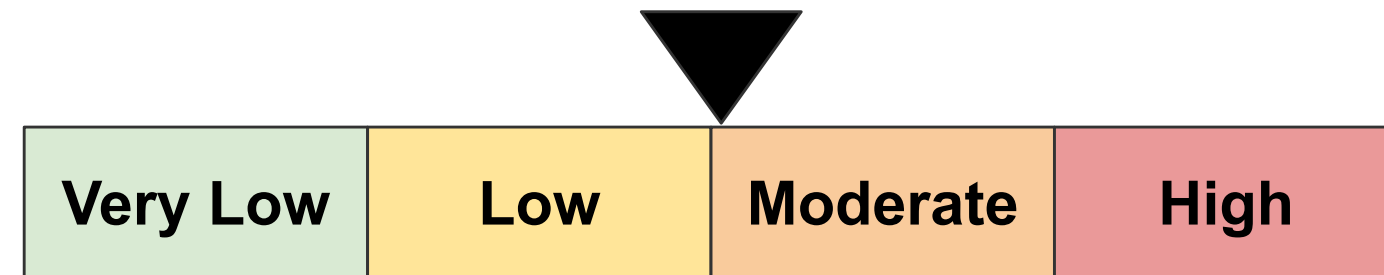
Late Afternoon - Early Evening (Til 8PM)



Late Evening (8PM - 1AM)



Overnight (1 AM - 7 AM)





Hail Probabilities & Timing Today

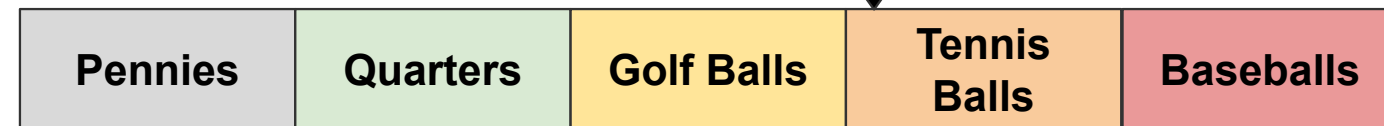
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Hail risk remains about the same throughout the day and into tonight

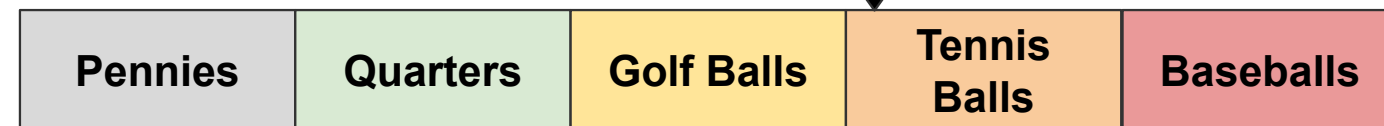


Hail Probability

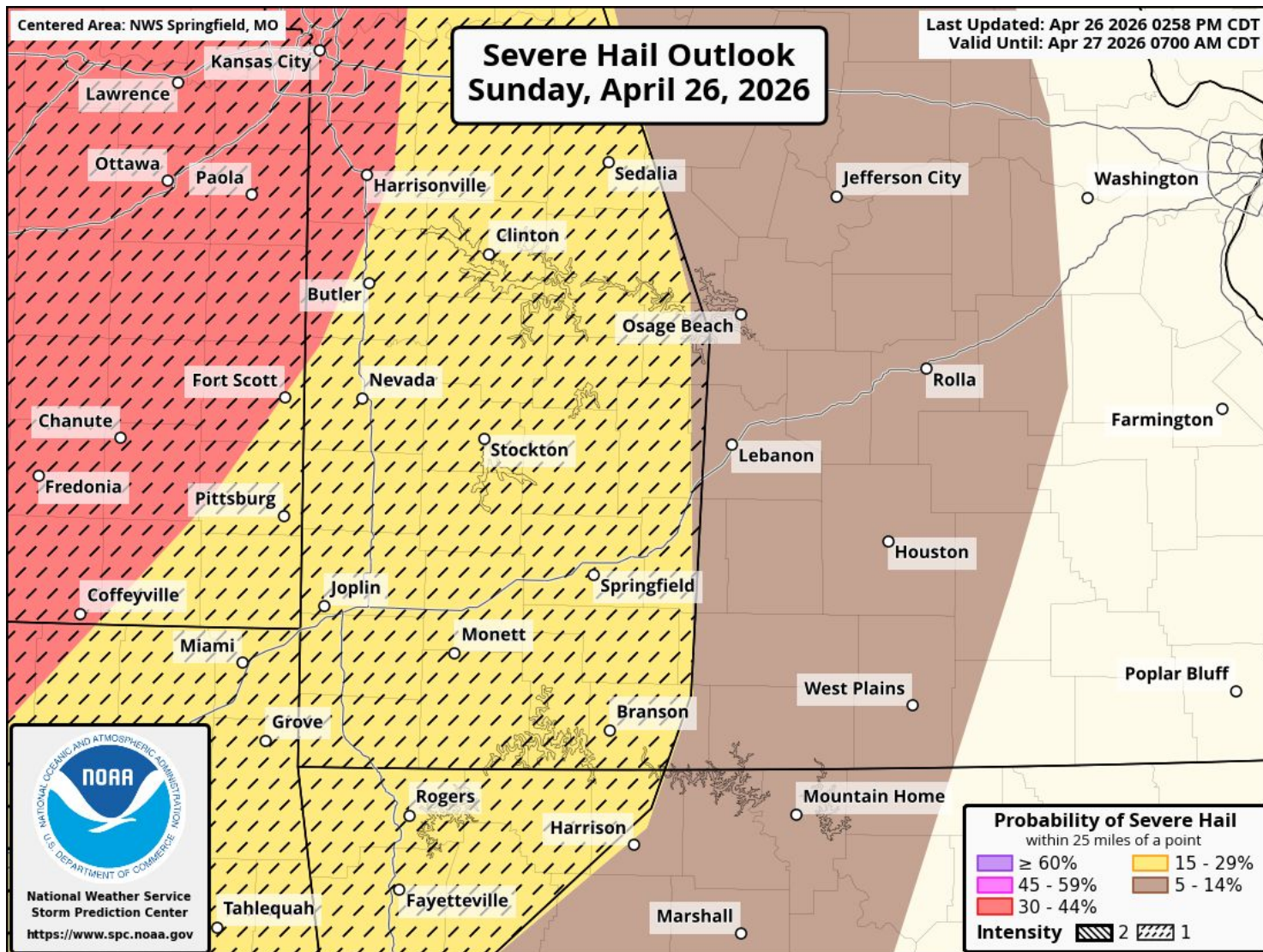
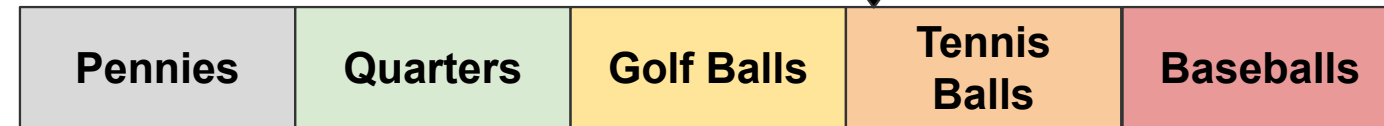
Late Afternoon - Early Evening (Til 8PM)



Late Evening (8PM - 1AM)



Overnight (1 AM - 7 AM)





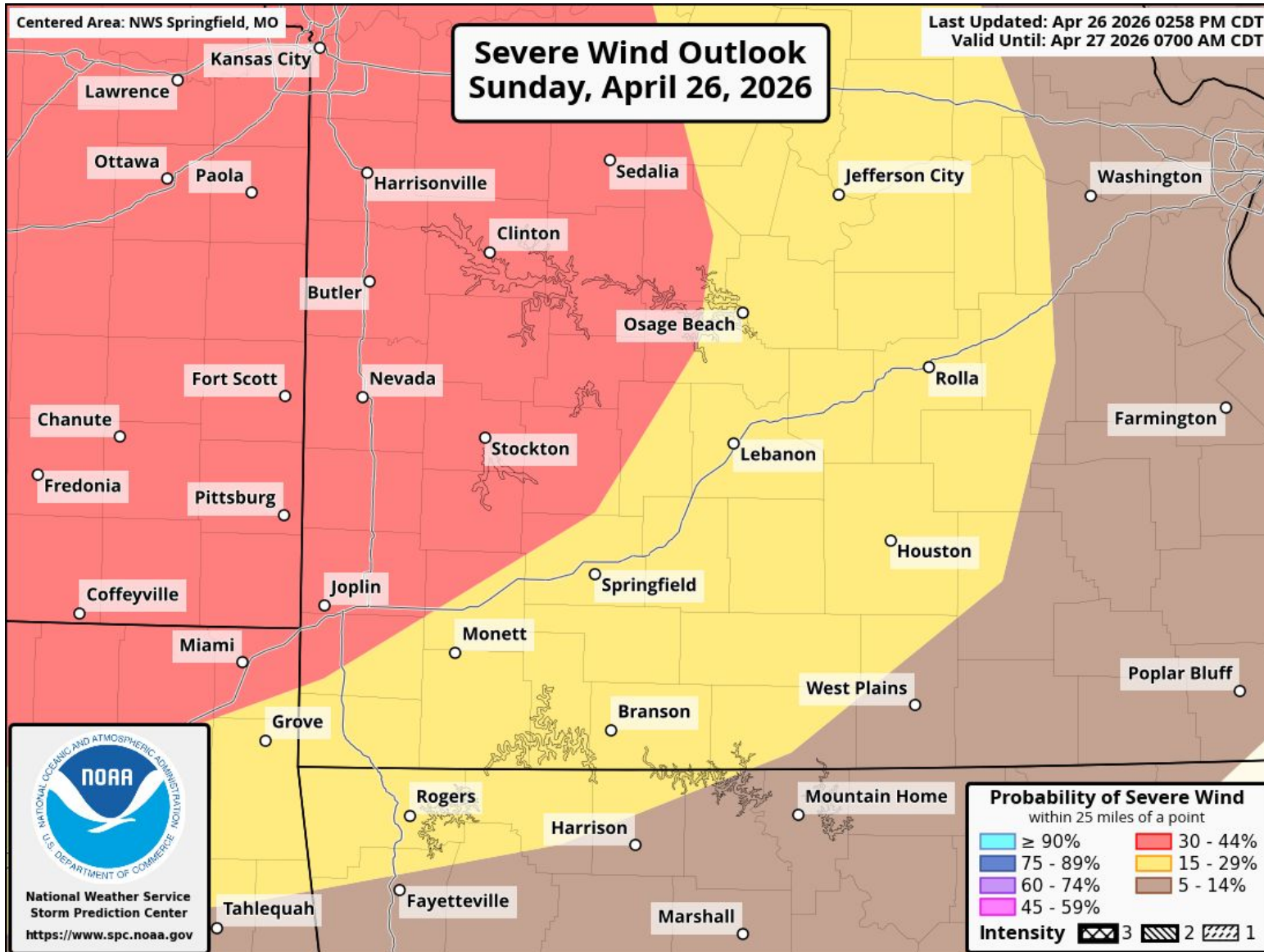
Wind Probabilities & Timing Today

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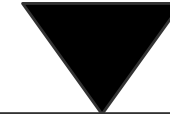
Greatest wind risk is focused during the overnight hours.



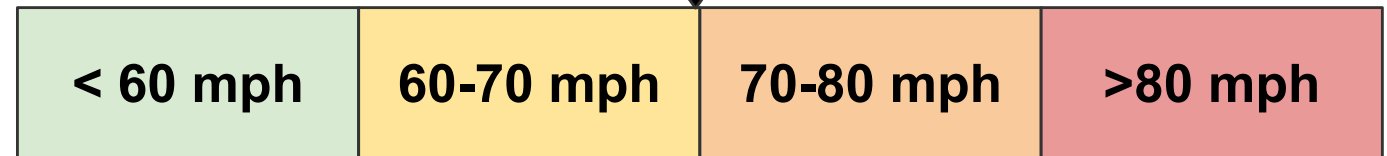
Wind Probability



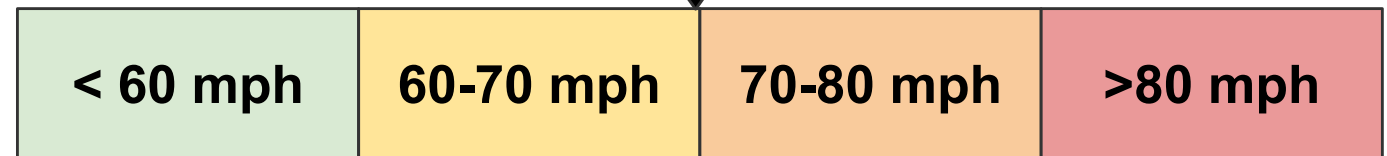
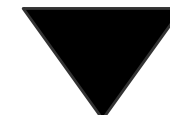
Late Afternoon - Early Evening (Til 8PM)



Late Evening (8PM - 1AM)



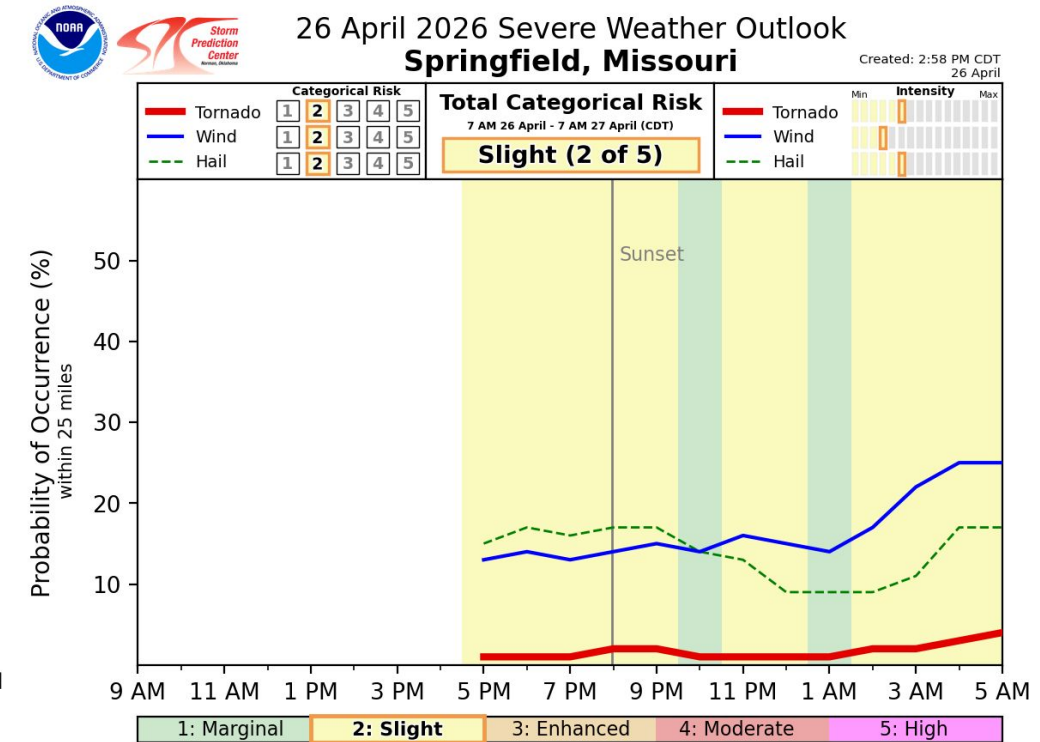
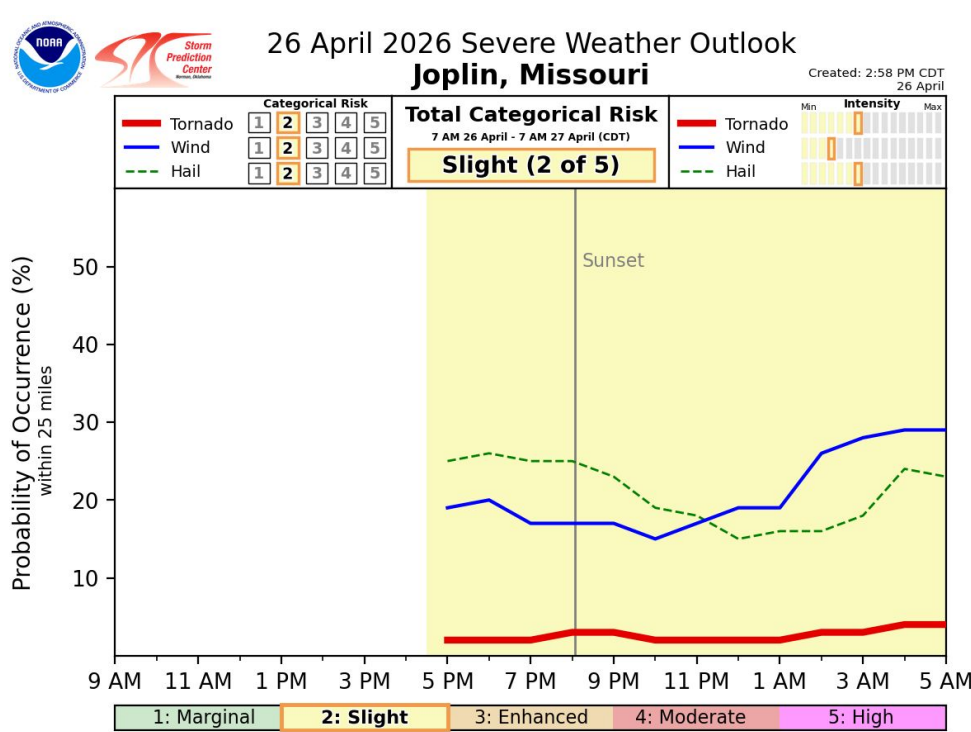
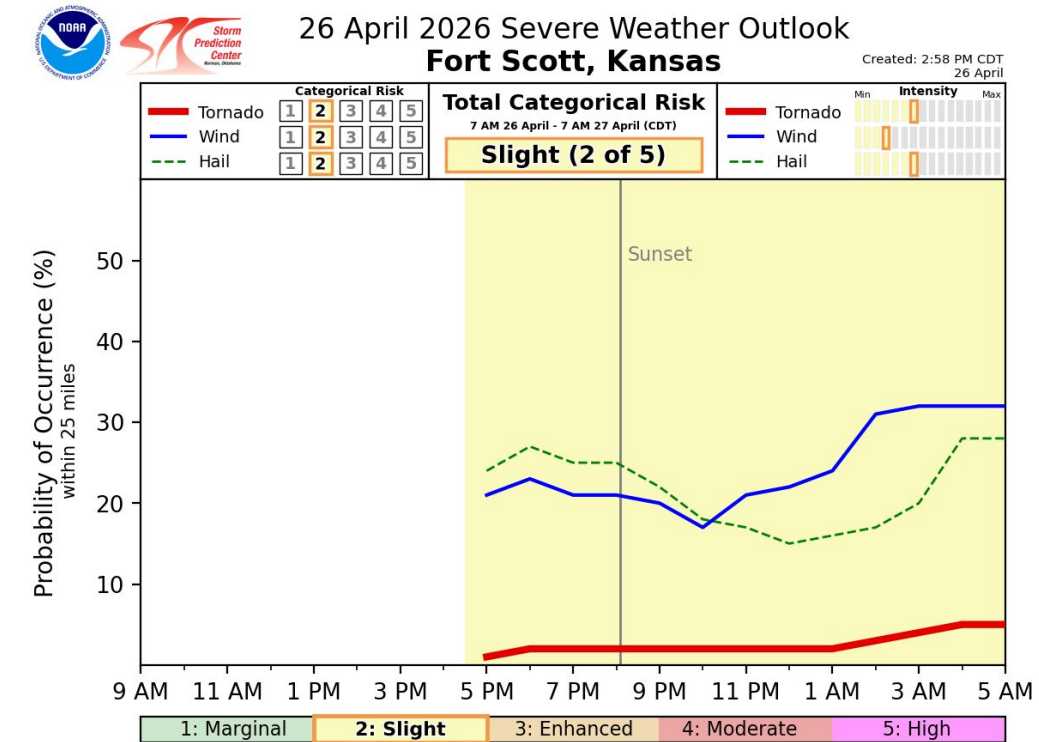
Overnight (1 AM - 7 AM)





Timing Details for Today/Tonight

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- ➔ There are multiple rounds of storms expected, with supercell and supercell clusters expected for each round.
- ➔ These rounds will bleed into each other. Storms will both develop to the west and move into our area, as well as develop in our area. The uncertainty in when and where storms will develop for each round makes it difficult to time each round individually.



Today's Threat Confidence Levels

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Location of severe storms



Multiple rounds of storms occurring



Exact Storm Timing



Potential Hazard Types



Confidence Details

- Confidence is high that multiple rounds of storms will occur this evening through the overnight hours. However the timing of each round is more uncertain.
- If storms remain more supercellular, then the tornadic potential could increase.
- If storms congeal more into a cluster then damaging winds and large hail would be the more likely hazards.
- For more in-depth scientific discussion on hazards, timing, and confidence, read today's [Area Forecast Discussion](#).



Severe Outlook Monday

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Potential for low coverage, high-impact storms



Timing

- Monday early afternoon through late afternoon. Storms should clear the area by sometime late evening.



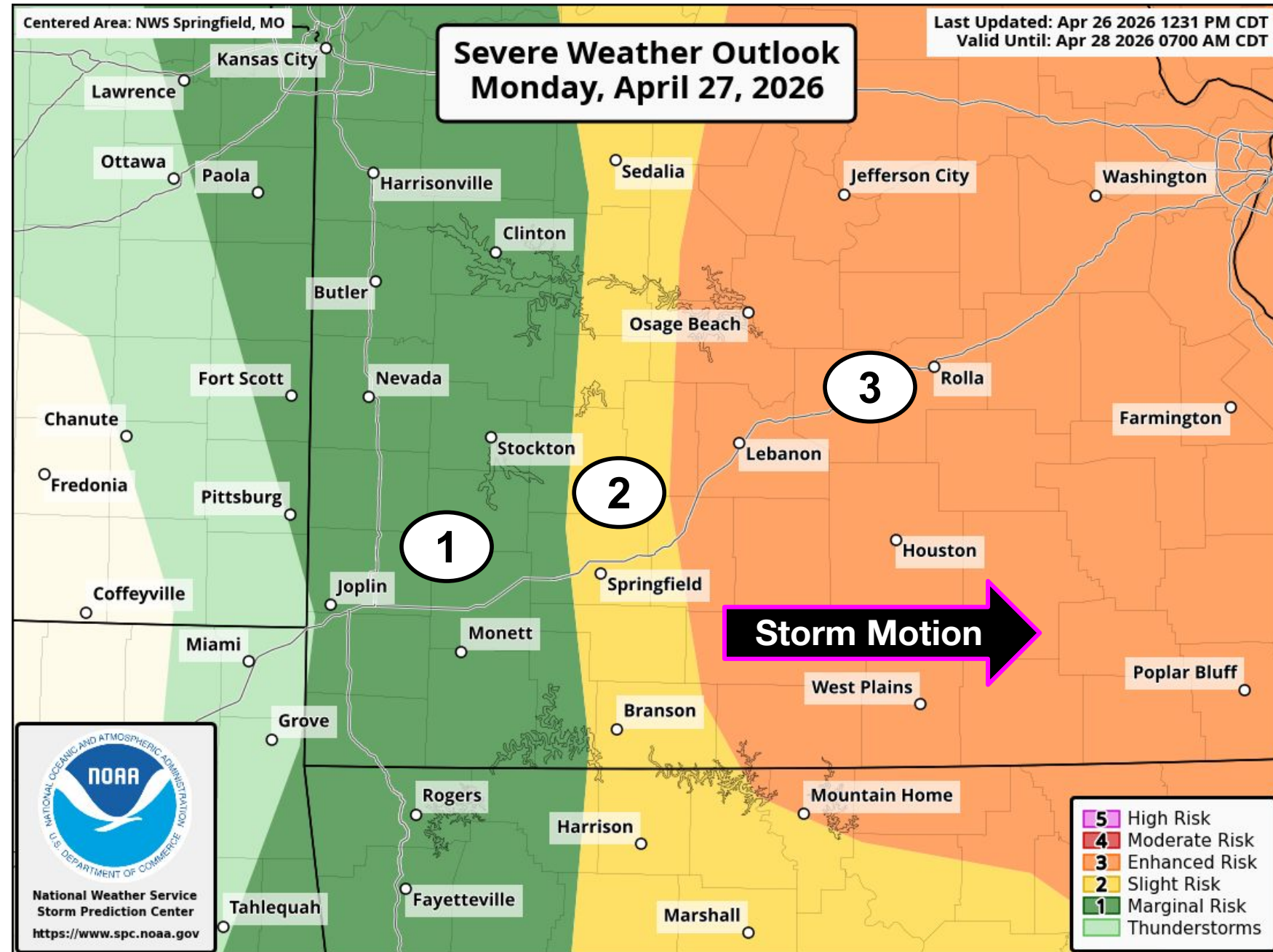
Where

- Severe risk depends on when and where storms develop.
- 10-20% chance for storm initiation between I-49 & Hwy 65 (Green Shaded)
- 40-60% chance for storm initiation between Hwy 65 and Hwy 63 (Yellow Shaded)
- 60-80% chance for storm initiation east of Hwy 63 (Orange Shaded).



Severe Threats

- All Hazards Possible.
- Hail risk greatest in the first 1-3 hours of storms' lifespan, tornado risk greater later in the storm's life



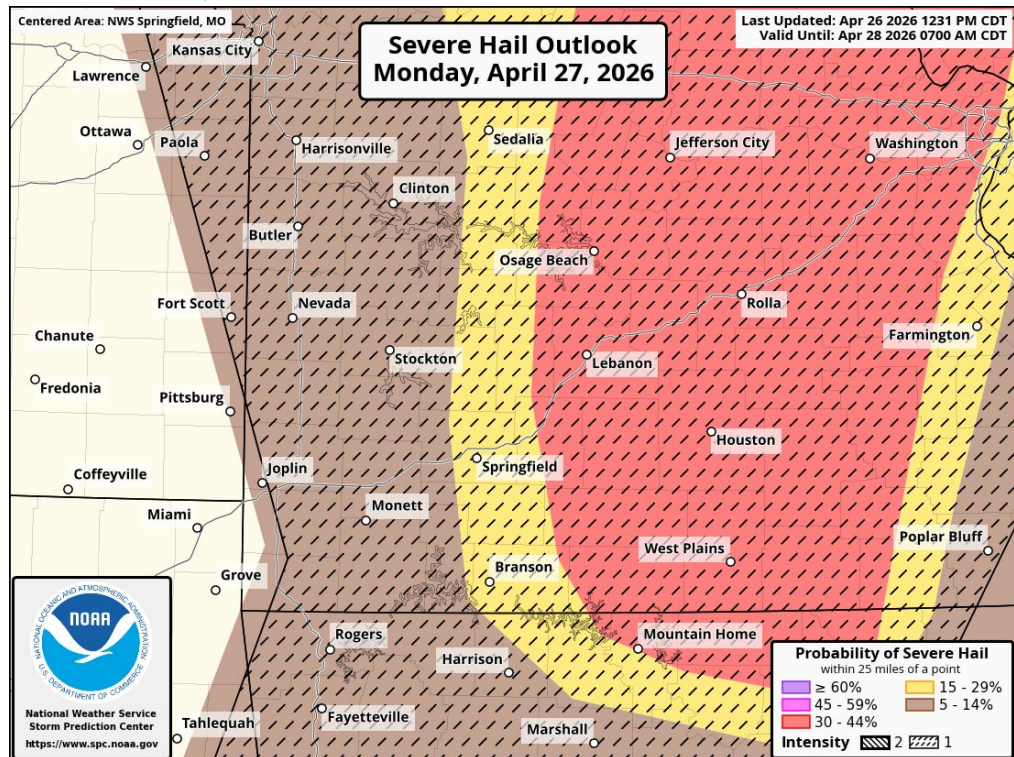


Hazard Probabilities on Monday

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All hazards possible, including tornadoes, hail to the size of baseballs, & damaging winds 70mph

Hail Probability



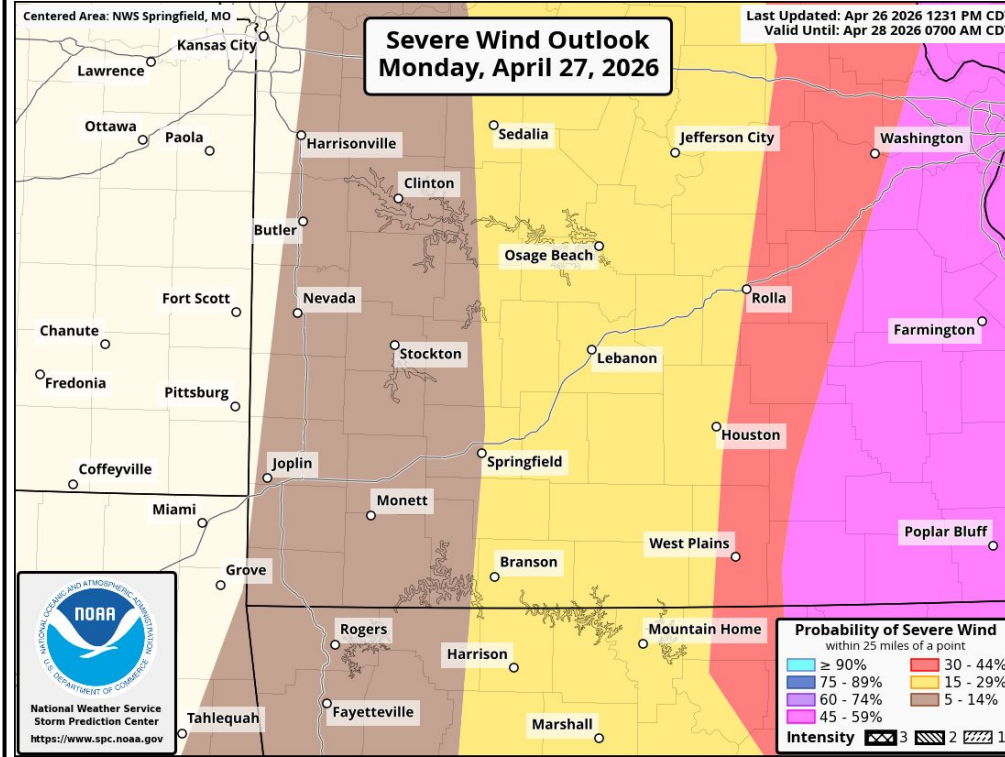
Chance of Severe Hail Within 25 Miles

Reasonable Maximum Hail Size

Up to 44%

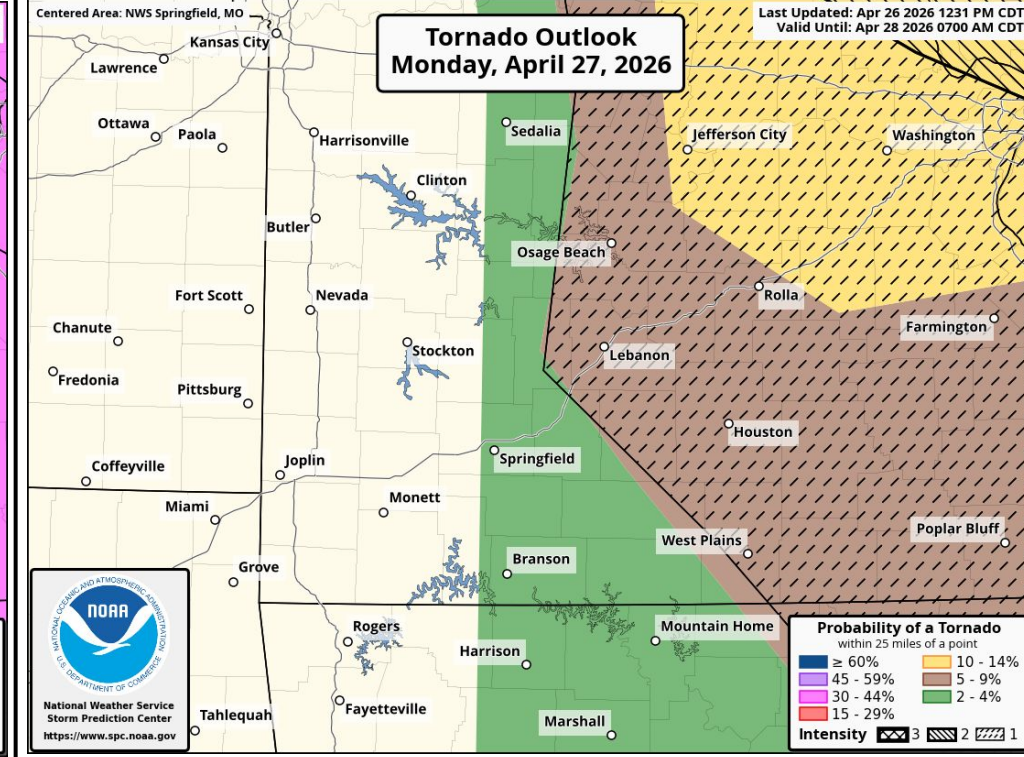
Limes to Baseballs (2-3")

Wind Probability



< 60 mph 60-70 mph 70-80 mph >80 mph

Tornado Probability



Chance of a Tornado Within 25 Miles

Reasonable Maximum Tornado Intensity*

Up to 14%

EF2



Monday Threat Confidence Levels

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Location



Timing



Severe Occurrence



Potential Hazard Types



Confidence Details

- There is still some uncertainty in how early storms develop, which will determine how far west storms begin. Storms could start as far west as Highway 65, or as far east as Highway 63.
- In both scenarios outlined above, Highway 63 and eastward have the greatest risk for severe weather.
- Coverage of storms is still expected to be isolated to scattered, but with the environment in place, these few storms have potential to produce all hazards, some potentially being high-impact. *Therefore, prepare for low coverage, but potentially high-impact storms.*



Severe Outlook Tuesday

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Large hail will be the main hazard with any storms that form



Timing

- Tuesday afternoon and evening, although details are still uncertain.



Where

- Greatest risk confined to south-central Missouri.



Severe Threats

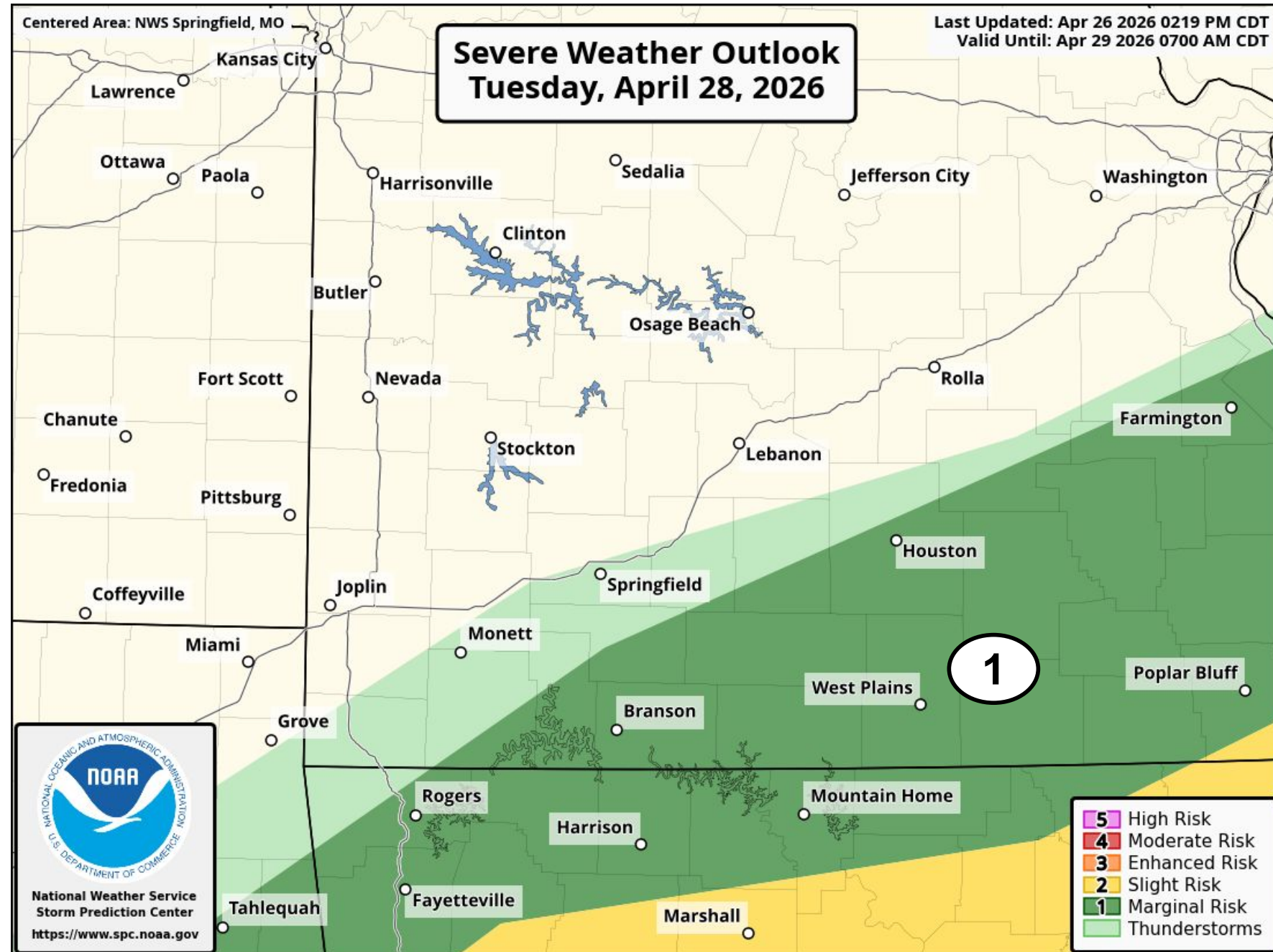


Large Hail



Remaining Uncertainty

- How evolution of storms on Monday will impact the environment left over on Tuesday, and whether storms will form.



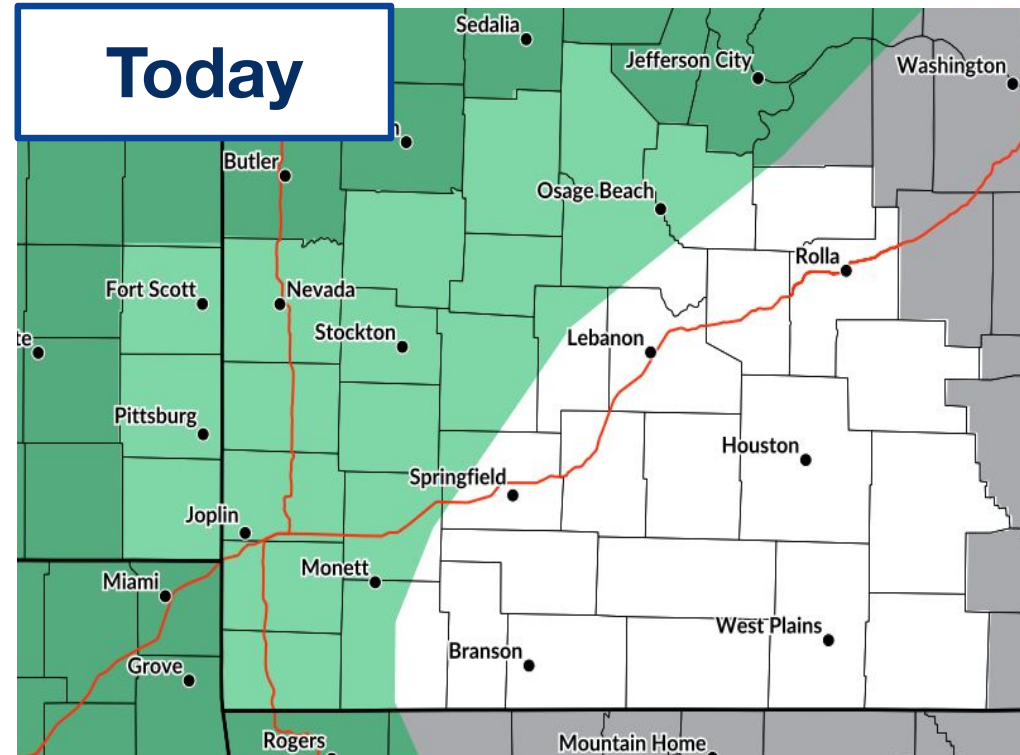


WPC Excessive Rainfall Outlooks

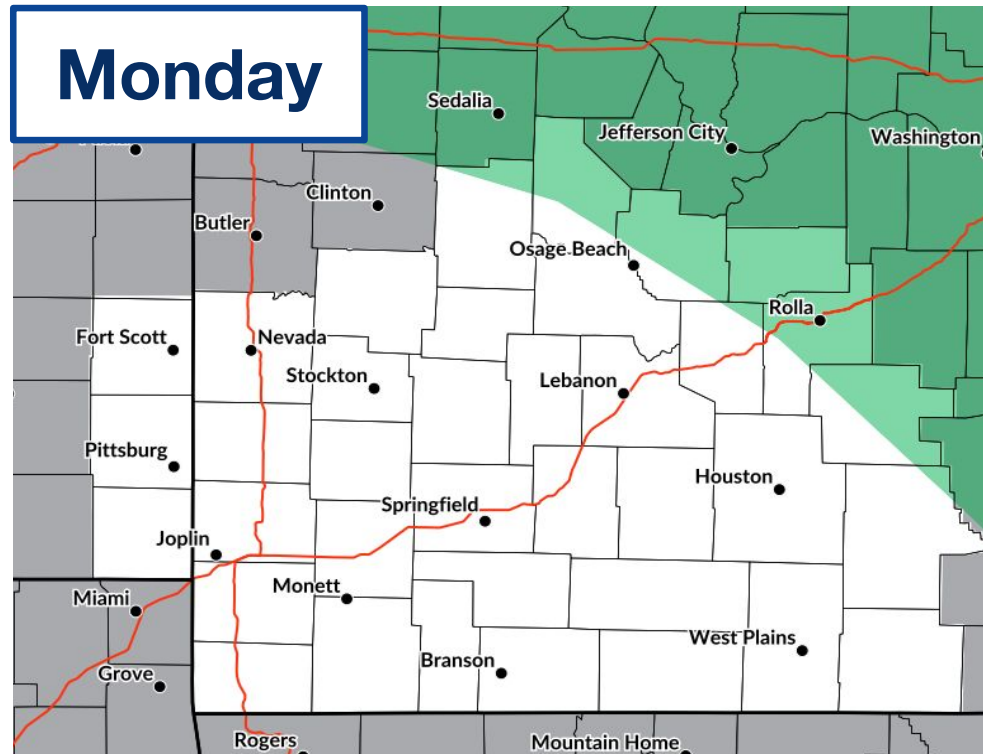
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Today through Tuesday

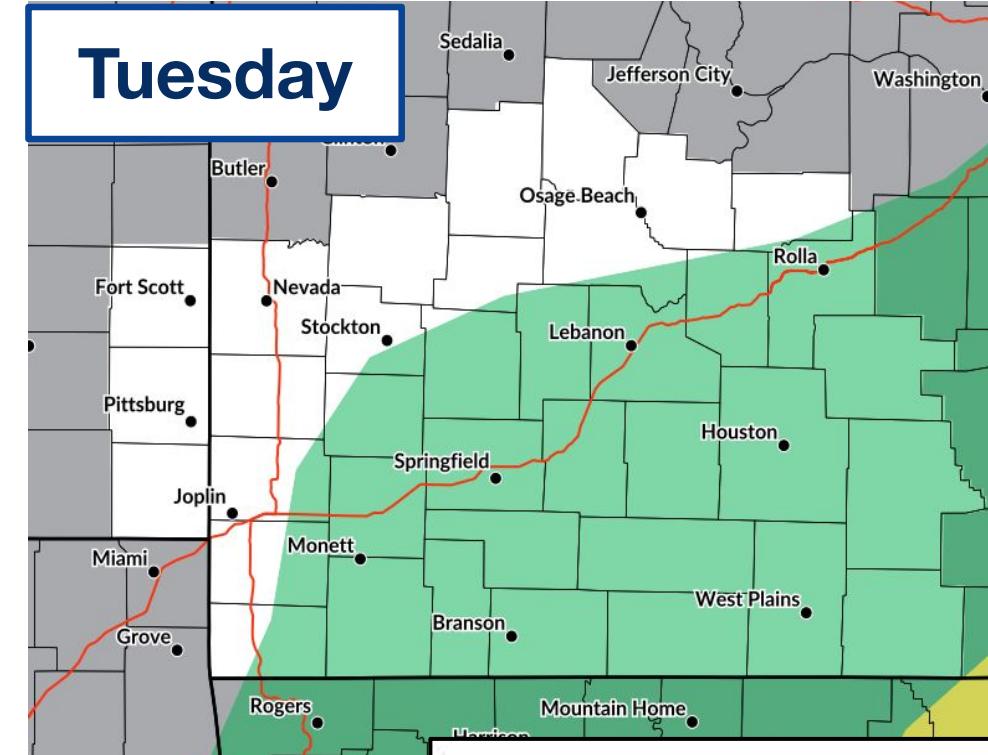
Today



Monday



Tuesday



Probability of excessive rainfall leading to flash flooding.*

- High Risk, At least 70%
- Moderate Risk, At least 40%
- Slight Risk, At least 15%
- Marginal Risk, At least 5%

* Within 25 miles of a point. May not represent localized flooding threat over burn scars.



Hazards:

Localized amounts up to 2-3" will be possible in the strongest clusters of storms. Soils are saturated, so anywhere that receives more than 2" in 3 hours will be at risk of exceeding flash flood guidance. However, flooding impacts are not expected to be widespread.



Additional Resources

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For Additional Information

- [NWS Springfield Webpage](#)
- [IDSS Point Forecasts](#)
- [Graphical Hazardous Weather Outlook](#)
- [SPC Convective Outlooks](#)
- [Probabilistic QPF Experiment Webpage](#)
- [WPC Excessive Rainfall Outlooks](#)
- [WPC Precipitation Outlooks](#)
- [National Water Prediction Service](#)
- [Submit Storm Reports](#)

6 WAYS to receive a warning

- NOAA Weather Radio
- Local TV and Radio
- Wireless Emergency Alerts & Weather Apps
- Outdoor Sirens
- Internet Sites
- From Your Friends, Family and Coworkers

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Your Mobile Device Could Save Your Life

There are multiple ways to receive warnings at your fingertips

- text messaging service
- social media
- weather apps
- wireless emergency alerts - WEA
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