

Severe Weather Threat for Wed Afternoon and Evening

- **What is the hazard, how big?**
 - There is the threat for strong to severe thunderstorms to develop across much of the outlook area.
- **Timing**
 - At this time, the threat for strong to severe storms increases by around 4pm and the threat should continue through late this evening.
- **Location**
 - Most of the outlook area has the potential for some strong to severe storms, with the best chances looking to be focused generally along and north of interstate 70.
- **Forecaster confidence**
 - This forecast is complicated in that the potential and location of severe storms will be strongly influenced by mesoscale processes and any lingering outflow boundaries from this morning's storms.
 - Confidence is moderate to high in the potential for strong to severe thunderstorms to develop across the outlook area.
 - Confidence is on the lower side with regards to timing and location as there are two areas of concern for thunderstorm development: (a) a complex of storms should develop across southern NE and track into northern KS, and (b) some of the short term models are starting to suggest an increasing potential for scattered thunderstorm development during the mid to late afternoon hours along lingering outflow boundaries. However, confidence in the exact location of these boundaries and the timing of any thunderstorm initiation is low, so stay tuned to the latest updates!

Strong to Severe Storms Possible Tonight

Spotter Activation

Possible

Wed. and Wed. Night Thunderstorm Outlook

- Morning storms, primarily across far northern and northeast KS. These storms should weaken and diminish by mid/late morning as they track toward east central KS.
- Much of the area should be dry late morning through mid afternoon.
- A complex of storms to move into far northern KS by late afternoon or early evening, and may be severe. Storms will slowly track southeast across the outlook area overnight.

MARGINAL RISK	SLIGHT RISK	ENHANCED RISK
Isolated severe thunderstorms possible	Scattered severe storms possible	Numerous severe storms possible
<ul style="list-style-type: none"> Winds 40-60 mph Hail up to 1" Low tornado risk 	<ul style="list-style-type: none"> A few tornadoes Reports of strong wind/wind damage and hail ~1", isolated 2" 	<ul style="list-style-type: none"> A few tornadoes Several reports of wind damage Damaging hail, 1-2"

*** Main Threats for PM Storms***

- Damaging Winds
- Large Hail
- Isolated Tornado (far north central and northern KS)
- Locally heavy rain/localized flooding

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Highlights

A line of storms will track southeast across far northern/northeast KS this morning, diminishing as it moves toward east central KS. The threat for severe weather with these storms is low. Another complex of storms should move into north central and northern KS by late this afternoon or early this evening and slowly track southeast overnight. Some storms may be strong to severe. See the next slide for further details.

Severe Weather Risk

- Greatest risk for severe storms will be after 4pm and through the evening hours.
- The best potential for severe storms will be generally along and north of interstate 70.
- Threats: damaging winds, large hail, isolated tornado threat (primarily across north central KS), locally heavy rain and localized flooding (especially across north central and northern KS).

Resources

- NWS Topeka Website: <http://www.weather.gov/top>
- Decision Support Page: <http://www.weather.gov/top/DSS>

