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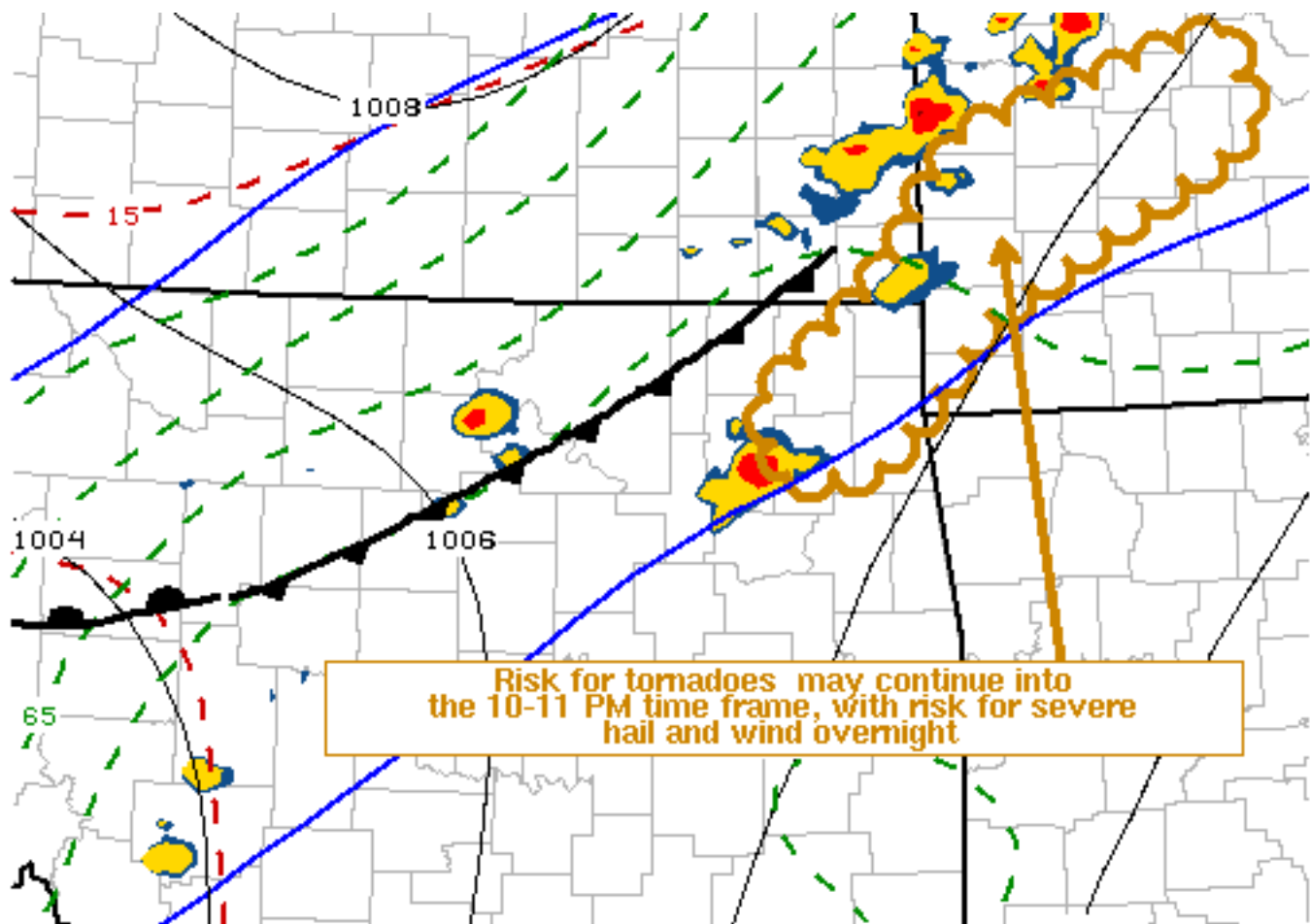
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## Mesoscale Discussion 743

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SPC MCD #0743

Mesoscale Discussion 0743

NWS Storm Prediction Center Norman OK

0934 PM CDT Wed May 22 2019

Areas affected...Parts of northeast Oklahoma through southwestern Missouri

Concerning...Tornado Watch 212...

Valid 230234Z - 230330Z

The severe weather threat for Tornado Watch 212 continues.

SUMMARY...Risk for tornadoes may continue another hour or two, risk for severe wind and hail continues into the overnight hours.

DISCUSSION...Discrete supercell development persists within a narrow pre-frontal corridor near Interstate-44, across northeastern Oklahoma into southern portions of the Missouri Ozarks. This is where low-level shear and boundary layer CAPE (supported by surface dew points near 70f) remain maximized, and additional tornado



development may not be out of the question into the 03-04Z time frame.

In general though, boundary-layer based storm development appears to be gradually waning, but convection rooted above the boundary layer is expected to persist, near/above the southeastward advancing front, but along a 30-40 kt southwesterly 850 mb jet axis. This may continue to be accompanied by a risk for severe hail and perhaps some increase in potential for damaging wind gusts.

..Kerr.. 05/23/2019

...Please see [www.spc.noaa.gov](http://www.spc.noaa.gov) for graphic product...

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