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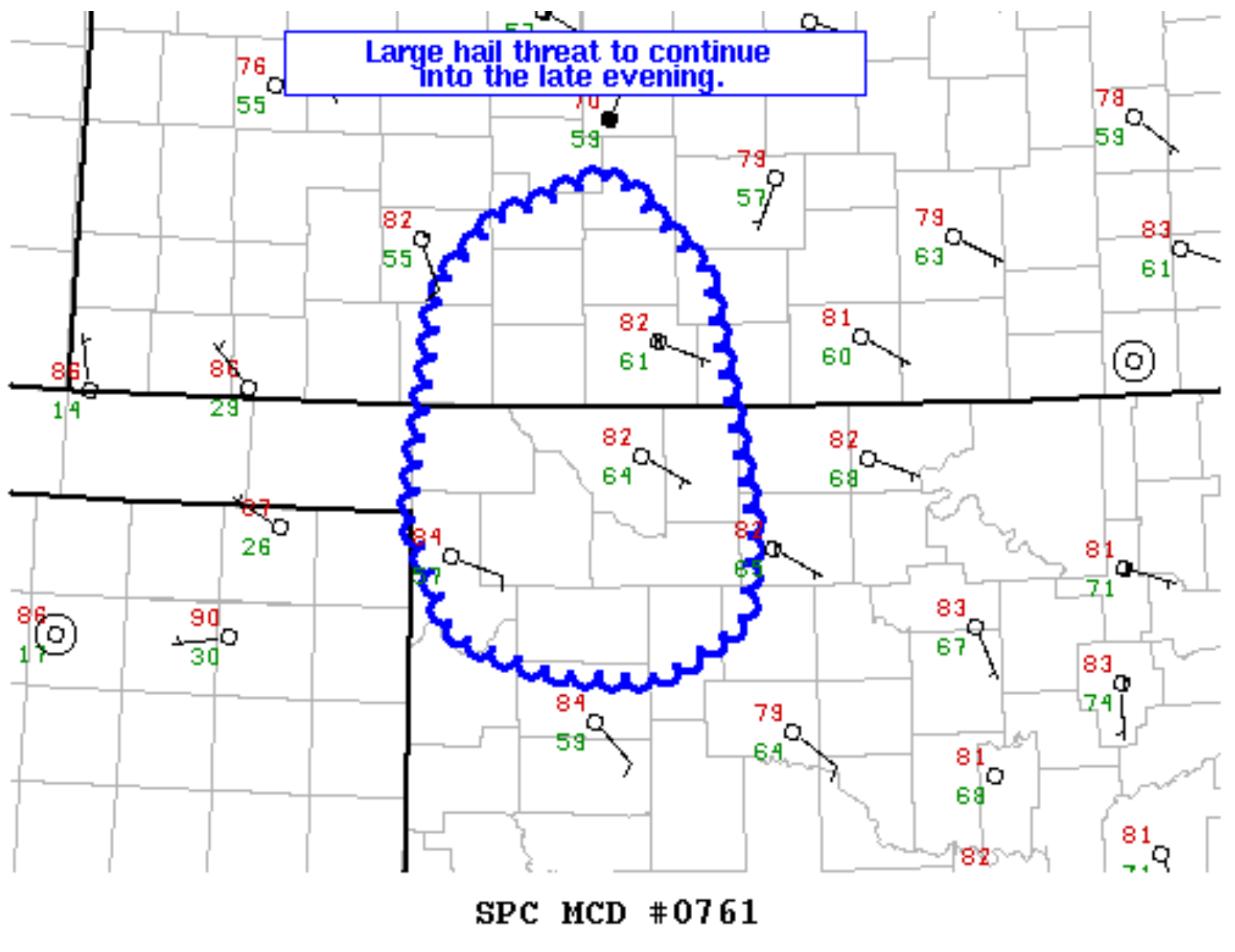
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## Mesoscale Discussion 761

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Mesoscale Discussion 0761  
 NWS Storm Prediction Center Norman OK  
 0811 PM CDT Sat May 14 2022

Areas affected...Portions of southern Kansas and northwest Oklahoma

Concerning...Severe Thunderstorm Watch 215...

Valid 150111Z - 150245Z

The severe weather threat for Severe Thunderstorm Watch 215 continues.

SUMMARY...A large hail threat will continue into the late evening hours across southern Kansas and northwest Oklahoma.

DISCUSSION...Two supercells, one currently entering Pratt county, KS and the other in Harper County, Oklahoma have been responsible for the majority of the large hail reports this evening. Both storms have had reports of 2.5+ inch hail. The environment remains favorable ahead of these storms, and they are actually moving toward better low-level moisture and greater instability. The 00Z KOUN RAOB is likely somewhat representative of the environment ahead of the current activity. This would continue to support sustained supercells with a continued threat for large (some very large) hail for a few more hours. However, eventually this activity is expected to weaken as the boundary layer cools. In addition, there is some additional development in the vicinity of these supercells. This could potentially lead to some upscale growth and cold pool organization through the late evening. If this were to occur, a greater damaging wind threat may occur across northwest Oklahoma.

..Bentley/Hart.. 05/15/2022

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

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