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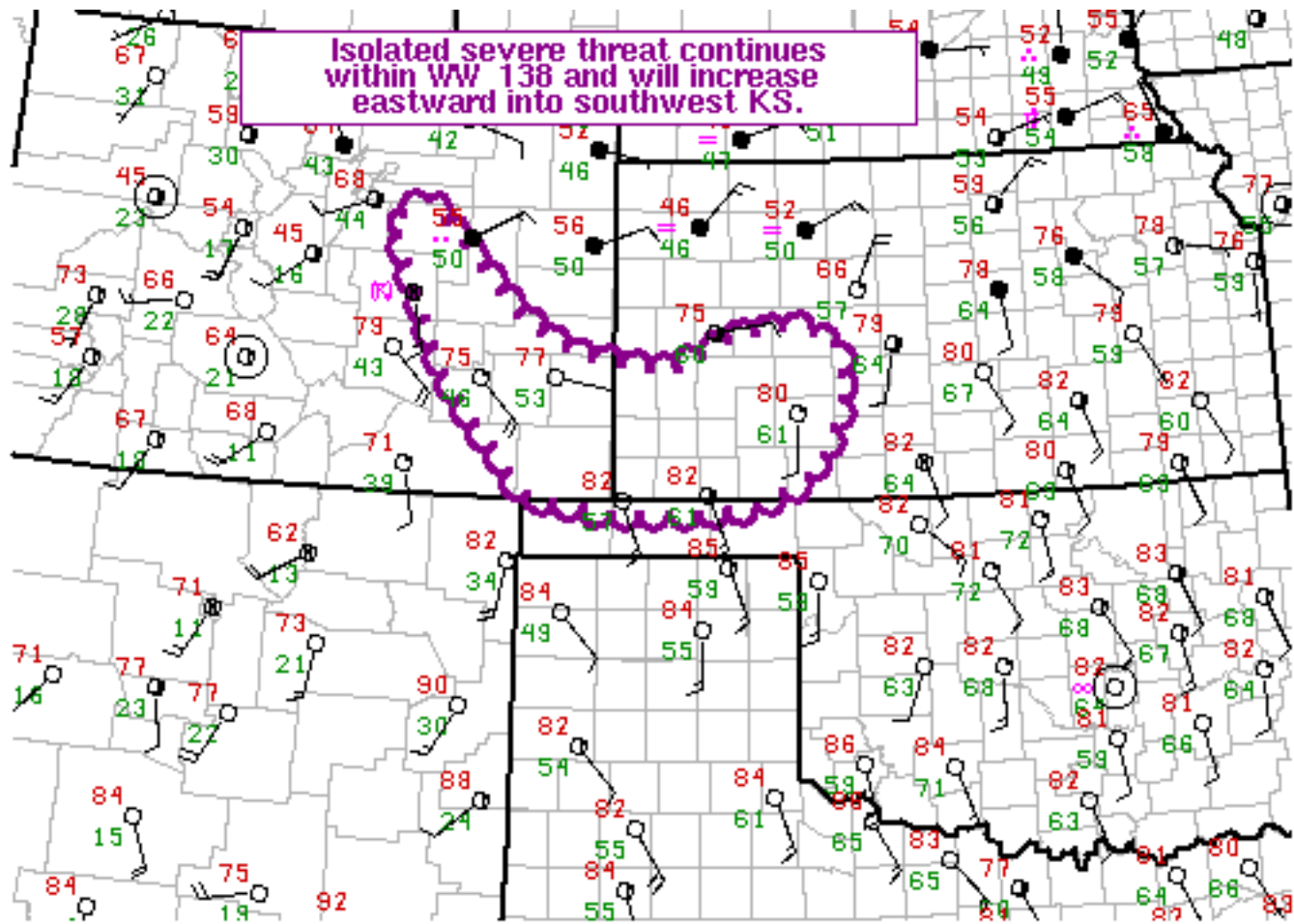
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SPC MCD #0560

Mesoscale Discussion 0560

NWS Storm Prediction Center Norman OK

0548 PM CDT Mon May 06 2019

Areas affected...Southeast CO...Southwest KS

Concerning...Severe Thunderstorm Watch 138...

Valid 062248Z - 070015Z

The severe weather threat for Severe Thunderstorm Watch 138 continues.

SUMMARY...Risk for isolated severe storms may persist across southeast CO during the next 2-3 hours. Activity on the southern end of the watch should intensify as it spreads into southwest KS. A downstream watch issuance is highly likely before 00Z.

DISCUSSION...Cells entering western Baca county, CO have shown persistent mid-level rotation. This activity will likely continue east and overtake the increasingly moisture air mass across the



eastern OK Panhandle and southwest KS where surface dew points are commonly in the upper 50s to lower 60s. With backed low-level flow expected to undergo pronounced strengthening in the next 1-2 hours, additional storm development along the quasi-stationary front is anticipated after 00Z. Setup is favorable for multiple supercells spreading east with a risk for very large hail and isolated severe wind gusts. A couple tornadic storms are also anticipated, particularly if discrete convective mode can be maintained as supercells impinge on even richer boundary-layer moisture present across northwest OK and south-central KS.

..Grams/Dial.. 05/06/2019

...Please see www.spc.noaa.gov for graphic product...

ATTN...WFO...DDC...GLD...AMA...PUB...BOU...

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