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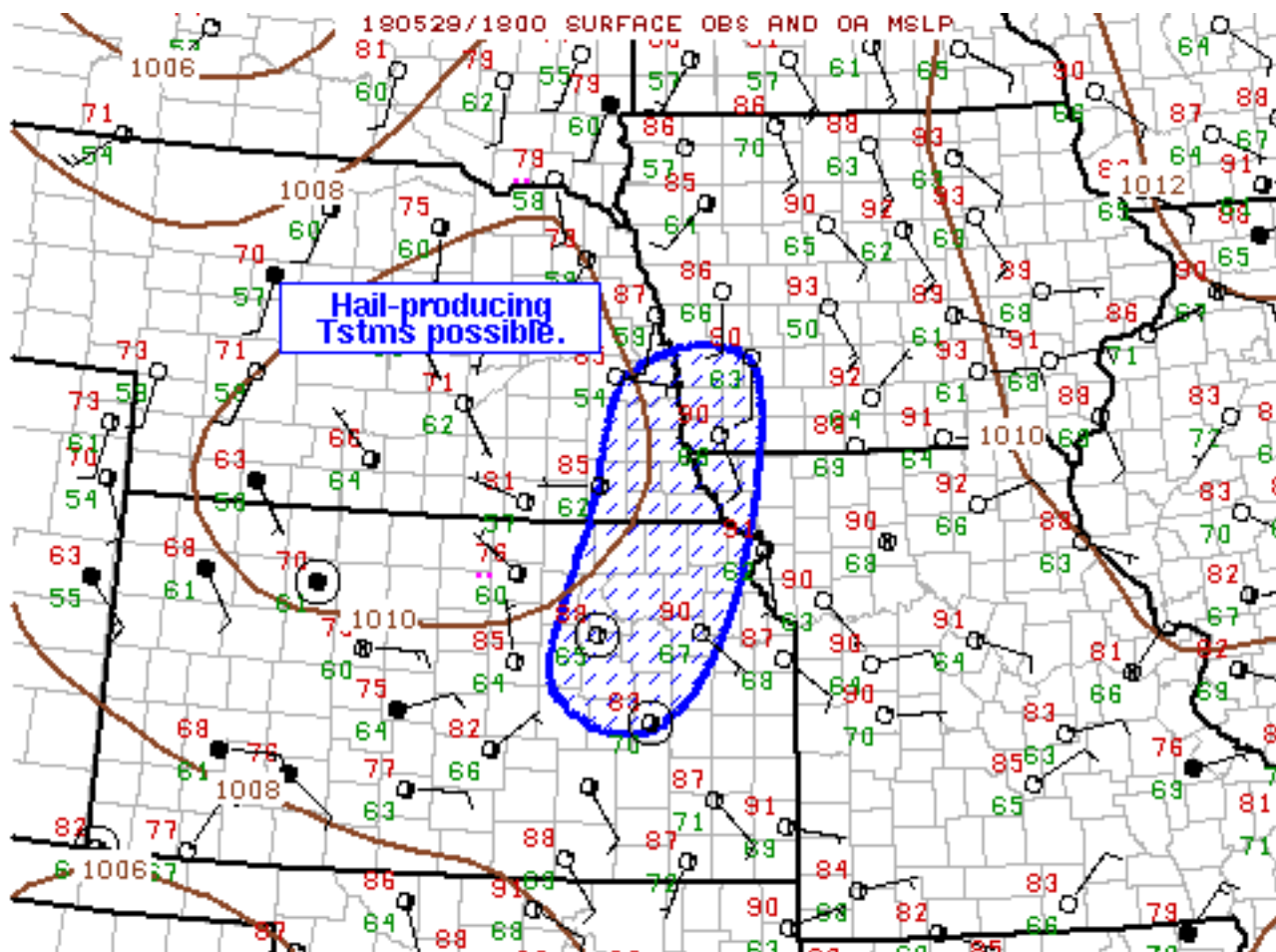
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## Mesoscale Discussion 566

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SPC MCD #0566

Mesoscale Discussion 0566

NWS Storm Prediction Center Norman OK

0201 PM CDT Tue May 29 2018

Areas affected...Northeast KS to Southwest MO

Concerning...Severe potential...Watch possible

Valid 291901Z - 292030Z

Probability of Watch Issuance...60 percent

SUMMARY...Hail will accompany thunderstorms from northeast KS into southwest MO.

DISCUSSION...Strongly diffluent high-level flow is noted across the eastern Plains this afternoon ahead of a strong short-wave trough ejecting into central KS. Large-scale forcing and favorable venting aloft favor upscale growth in convection into the evening hours. Continued surface heating will further destabilize this corridor and robust thunderstorms are expected to increase in coverage over the

next few hours. Hail may be common with the strongest storms.

..Darrow/Hart.. 05/29/2018

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

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