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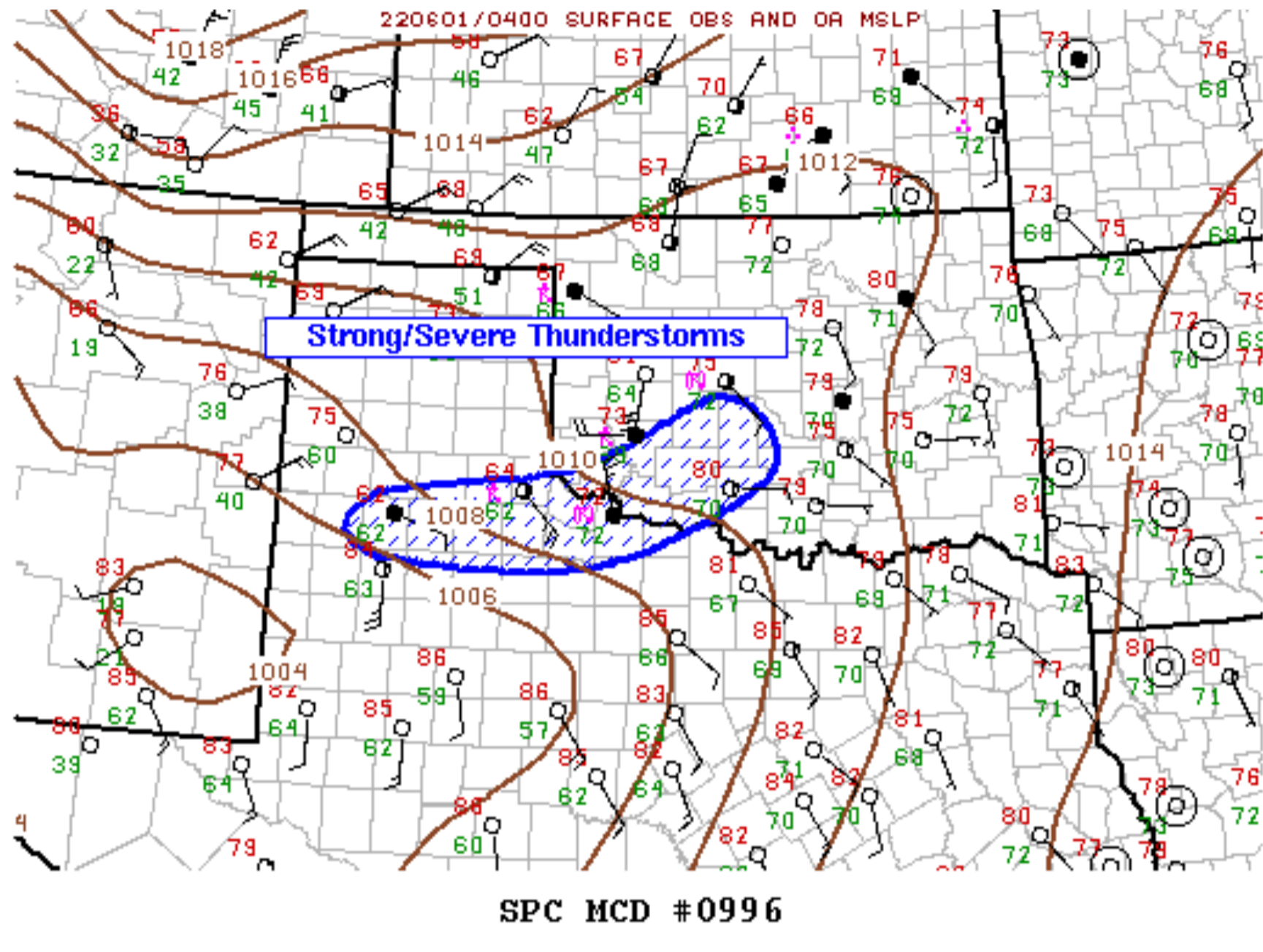
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Mesoscale Discussion 996

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Mesoscale Discussion 0996
 NWS Storm Prediction Center Norman OK
 1145 PM CDT Tue May 31 2022

Areas affected...Texas South Plains into Southwestern Oklahoma

Concerning...Severe Thunderstorm Watch 299...

Valid 010445Z - 010615Z

The severe weather threat for Severe Thunderstorm Watch 299 continues.

SUMMARY...Strong/severe thunderstorms will continue across the TX South Plains into southwestern Oklahoma for the next several hours. Large hail and damaging winds remain likely with some of this activity.

DISCUSSION...LLJ has increased across west-central TX into southwest OK where values are now approaching 35kt. This increase in LLJ appears to be partly responsible for maintenance of an elongated corridor of strong/severe thunderstorms that stretches from the TX South Plains into southwestern OK. Hail continues to be generated with the more robust updrafts, especially the supercell structures that remain embedded within the larger cluster. Additionally, strong winds have been noted with some of this convection, most recently at Vernon where 62kt was reported. While the overall movement to this complex has been slowly south, new development is now occurring across southwest OK with potentially new development into south-central OK over the next few hours.

..Darrow.. 06/01/2022

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

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