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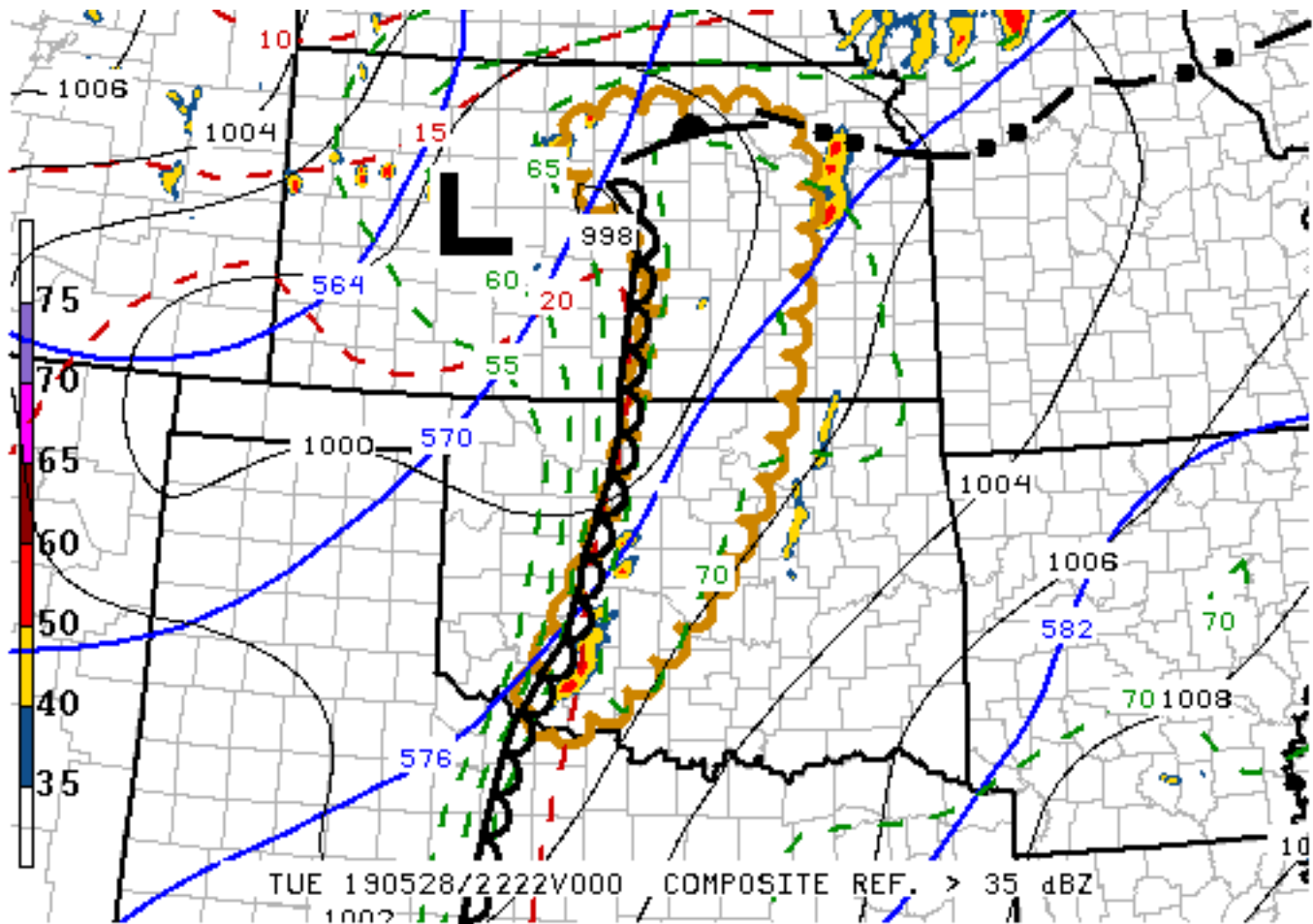
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SPC Feedback

Mesoscale Discussion 864

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SPC MCD #0864

Mesoscale Discussion 0864

NWS Storm Prediction Center Norman OK

0533 PM CDT Tue May 28 2019

Areas affected...Central Kansas and Oklahoma

Concerning...Tornado Watch [276](#)...[279](#)...

Valid 282233Z - 290000Z

The severe weather threat for Tornado Watch 276, 279 continues.

SUMMARY...Widely scattered severe storms may pose a risk for large to very large hail across and east of the Interstate 35 corridor into early evening. At least some increase in potential for tornadoes may develop toward 7-8 PM CDT.

DISCUSSION...Locally enhanced convergence along the dryline, near its intersection with the warm front to the southwest of Concordia KS, southward near/west of the Interstate 35 corridor of Oklahoma, is supporting widely scattered intense thunderstorm development.



This is being aided by lift of boundary layer air characterized by large CAPE (3000-4000 J/kg), in the presence of strongly sheared, 40+ kt southwesterly deep layer ambient mean flow.

Within this regime, including weakening inhibition with the onset of mid-level cooling, cells will tend to advect northeastward off the dryline during the next few hours, with a tendency to propagate eastward as they continue to intensify. Low-level hodographs are initially somewhat modest, but some strengthening of south-southwesterly 850 mb flow toward sunset may contribute to enlarging low-level hodographs, and at least some risk for tornadoes east of the Interstate 35 corridor.

Otherwise, strongest storms will pose a risk for large to very large hail and locally damaging wind gusts.

..Kerr.. 05/28/2019

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

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