

Site
Map

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Go

Local forecast by
"City, St" or "ZIP"

Go

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NCEP Quarterly
Newsletter

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All SPC Forecasts

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Meso. Discussions

Conv. Outlooks

Tstm. Outlooks

Fire Wx Outlooks

RSS Feeds

E-Mail Alerts

Weather Information

Storm Reports

Storm Reports Dev.

NWS Hazards Map

National RADAR

Product Archive

NOAA Weather Radio

Research

Non-op. Products

Forecast Tools

Svr. Tstm. Events

SPC Publications

SPC-NSSL HWT

Education & Outreach

About the SPC

SPC FAQ

About Tornadoes

About Derechos

Video Lecture Series

WCM Page

Enh. Fujita Page

Our History

Public Tours

Misc.

Staff

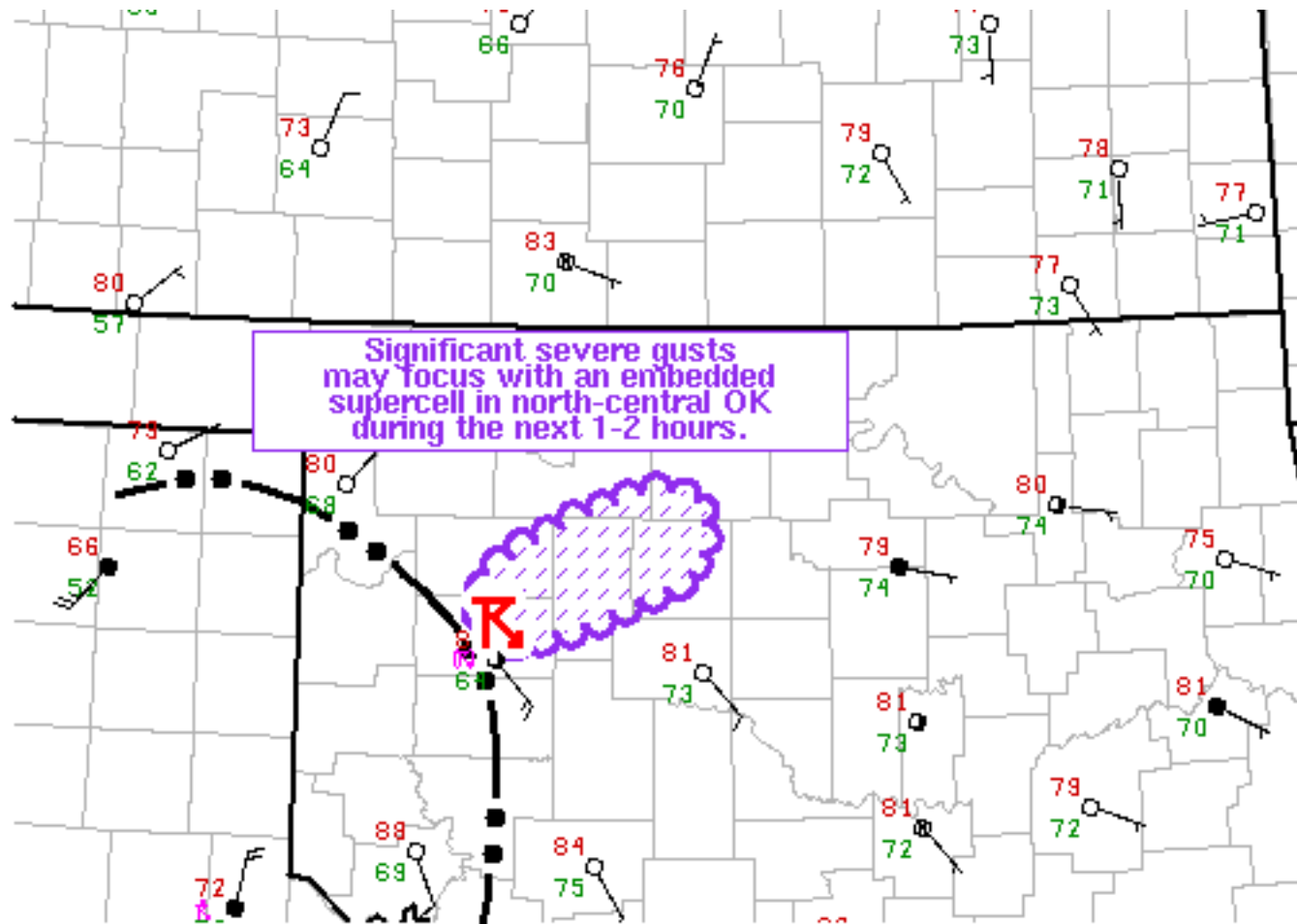
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SPC Feedback

Mesoscale Discussion 1084

< Previous MD

Next MD >



SPC MCD #1084

Mesoscale Discussion 1084

NWS Storm Prediction Center Norman OK

0944 PM CDT Sat Jun 15 2019

Areas affected...northwest and north-central OK

Concerning...Severe Thunderstorm Watch [364](#)...

Valid 160244Z - 160345Z

The severe weather threat for Severe Thunderstorm Watch 364 continues.

SUMMARY...Significant severe gusts may focus in a corridor as a supercell becomes embedded in the squall line over parts of northwest and north-central OK during the next 1-2 hours. Severe gusts 65-80mph are possible.

DISCUSSION...A large-scale bow over western OK into the northeast TX Panhandle will continue moving to the east-northeast around 35kt and absorb a supercell over northwest OK. The inflow airmass over



west-central and north-central OK features surface dewpoints in the 72-74 degrees F range. Given the extreme buoyancy sampled by the 00z Norman, OK raob (4200 J/kg MLCAPE) featuring an 8 degrees C/km 700-500mb lapse rate, the expectation is for wind gust potential to locally maximize with the portion of the squall line with the embedded supercell.

..Smith.. 06/16/2019

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

ATTN...WFO...OUN...

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[Watches](#), [Mesoscale Discussions](#), [Outlooks](#), [Fire Weather](#), [All Products](#), [Contact Us](#)

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