



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

City, St

Mesoscale Discussion 683

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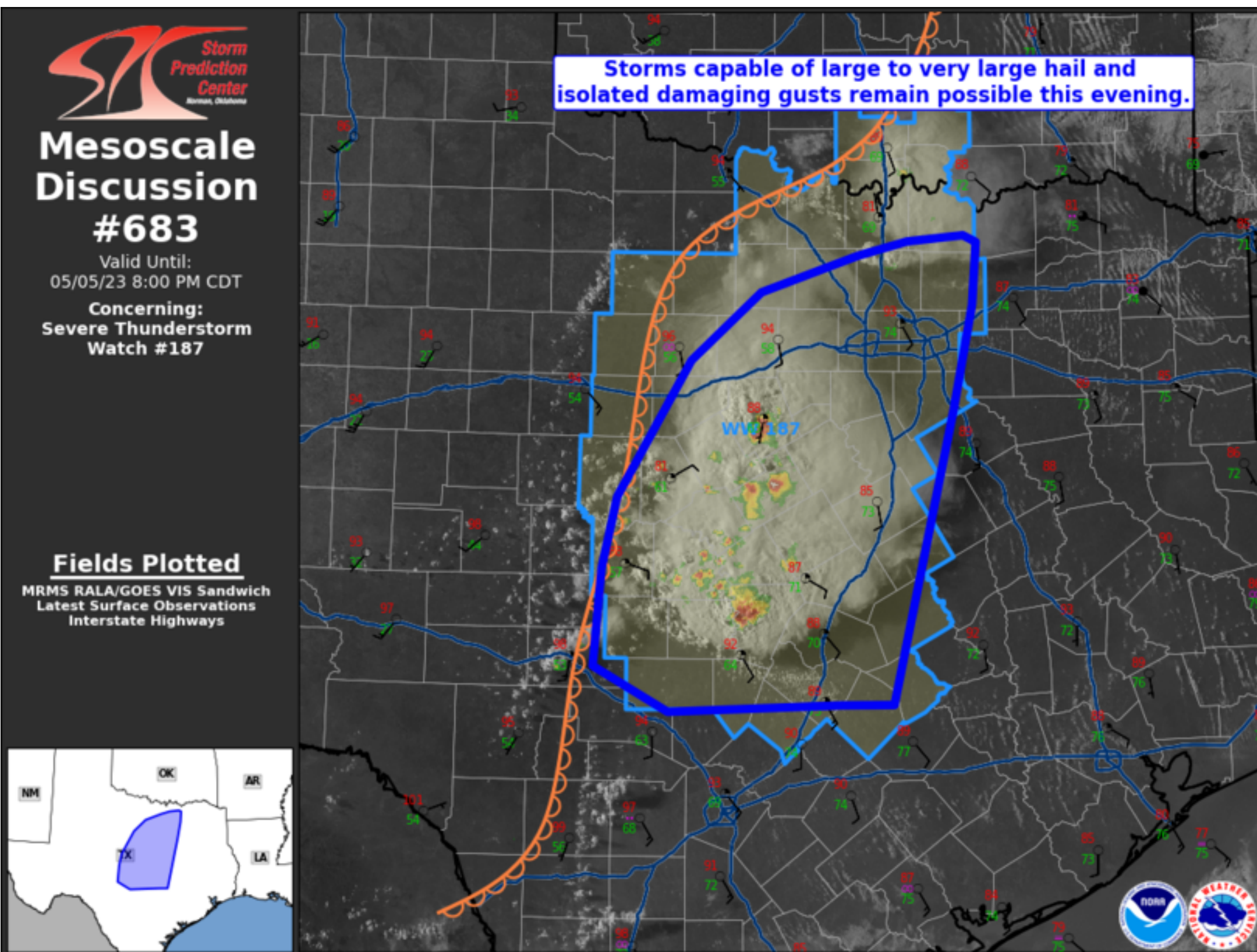
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Mesoscale Discussion 0683
NWS Storm Prediction Center Norman OK
0630 PM CDT Fri May 05 2023

Areas affected...portions of central Texas

Concerning...Severe Thunderstorm Watch [187](#)...

Valid 052330Z - 060100Z

The severe weather threat for Severe Thunderstorm Watch 187 continues.

SUMMARY...Clusters of thunderstorms will continue across [WW187](#) into this evening. Large to very large hail and isolated damaging gusts will be possible.

DISCUSSION...As of 2320 UTC, regional radar analysis showed several clusters of severe storms including supercells were ongoing east of the dryline, across portions of [WW187](#). Ahead of these storms, very warm surface temperatures in the 90s F and surface dewpoints in the low to mid 70s F were supporting 3000-3500 J/kg of MLCAPE. Given the deep reservoir of buoyancy and steep mid-level lapse rates, robust updrafts should continue into this evening. Vertical shear is not particularly strong, but 30-35 kt of effective shear from area VAD/VWPS will continue to support supercell structures capable of large to very large hail in excess of 2 inches. Additional storm development/clustering may occur into this evening as the low-level jet begins to intensify. With steep low-level lapse rates, isolated damaging gusts may also continue into this evening.

..Lyons.. 05/05/2023

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

ATTN...WFO...FWD...EWX...SJT...

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