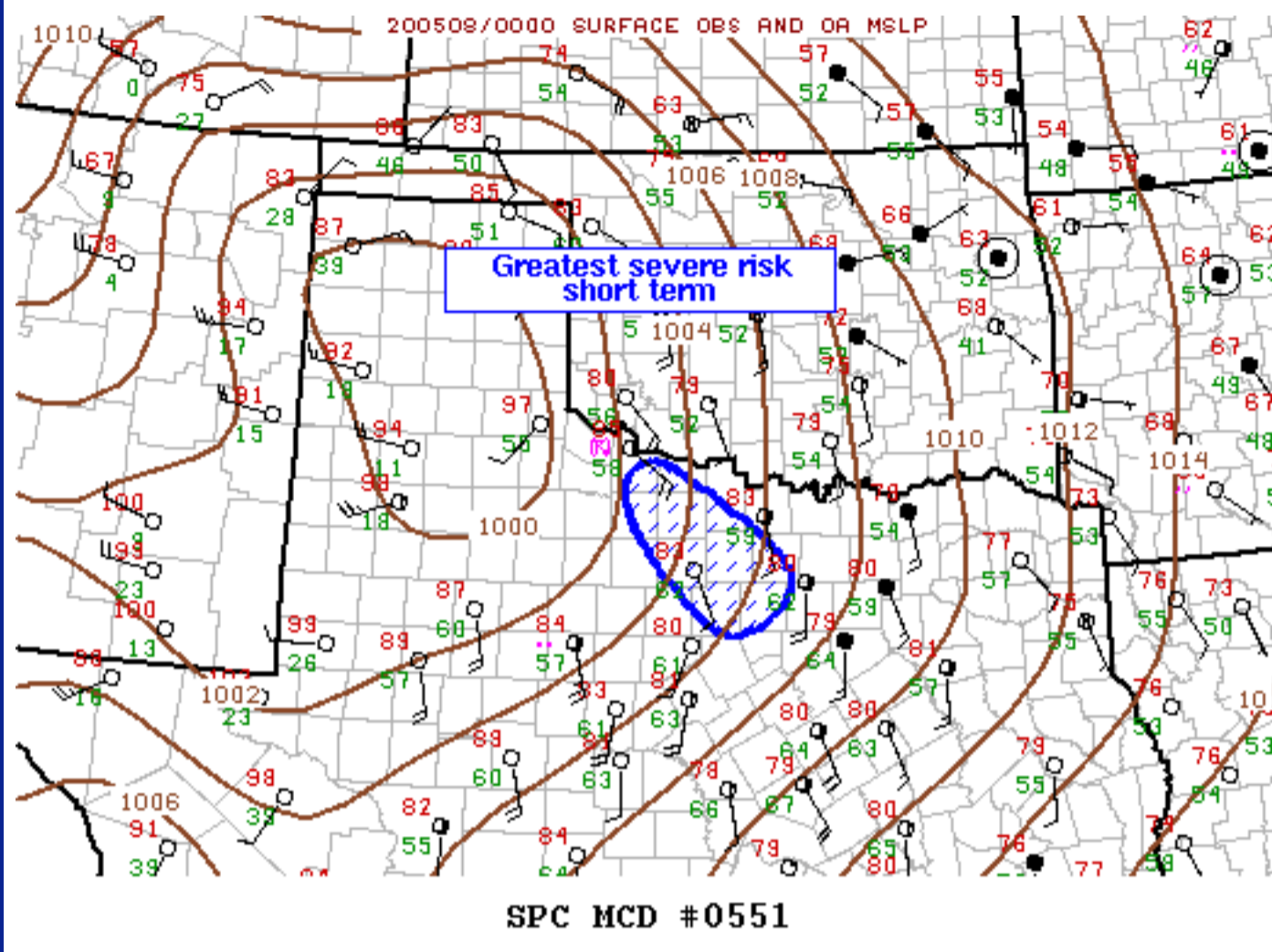


Local forecast by
"City, St" or "ZIP"City, St

Mesoscale Discussion 551

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Mesoscale Discussion 0551

NWS Storm Prediction Center Norman OK
0805 PM CDT Thu May 07 2020

Areas affected...Northwest and North-Central Texas

Concerning...Severe Thunderstorm Watch 170...

Valid 080105Z - 080230Z

The severe weather threat for Severe Thunderstorm Watch 170 continues.

SUMMARY...Severe threat will spread southeast across northwest into portions of north-central TX. Hail and damaging winds are expected.

DISCUSSION...Lone supercell that formed near CDS late this afternoon has matured and turned southeast into Baylor/Wilbarger County region. This storm has produced large-giant hail, in excess of 3 inches, along with strong winds. Over the next hour or so this supercell will approach the southeastern corner of [ww170](#) and the main question is how far downstream severe convection will propagate. 00z sounding from FWD was strongly capped, but warm advection is increasing across the southern Plains. Latest WoFS takes this storm across Young into Parker County by 03z before appreciable weakening occurs. This forecast seems reasonable but there is considerable uncertainty whether organized severe will actually spread into the western portions of the Metroplex before updraft weakening. Will continue to monitor for possible small ww into north-central TX.

..Darrow.. 05/08/2020

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

ATTN...WFO...FWD...OUN...SJT...

LAT...LON 34029878 33079749 32509816 33389913 33959927 34029878

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