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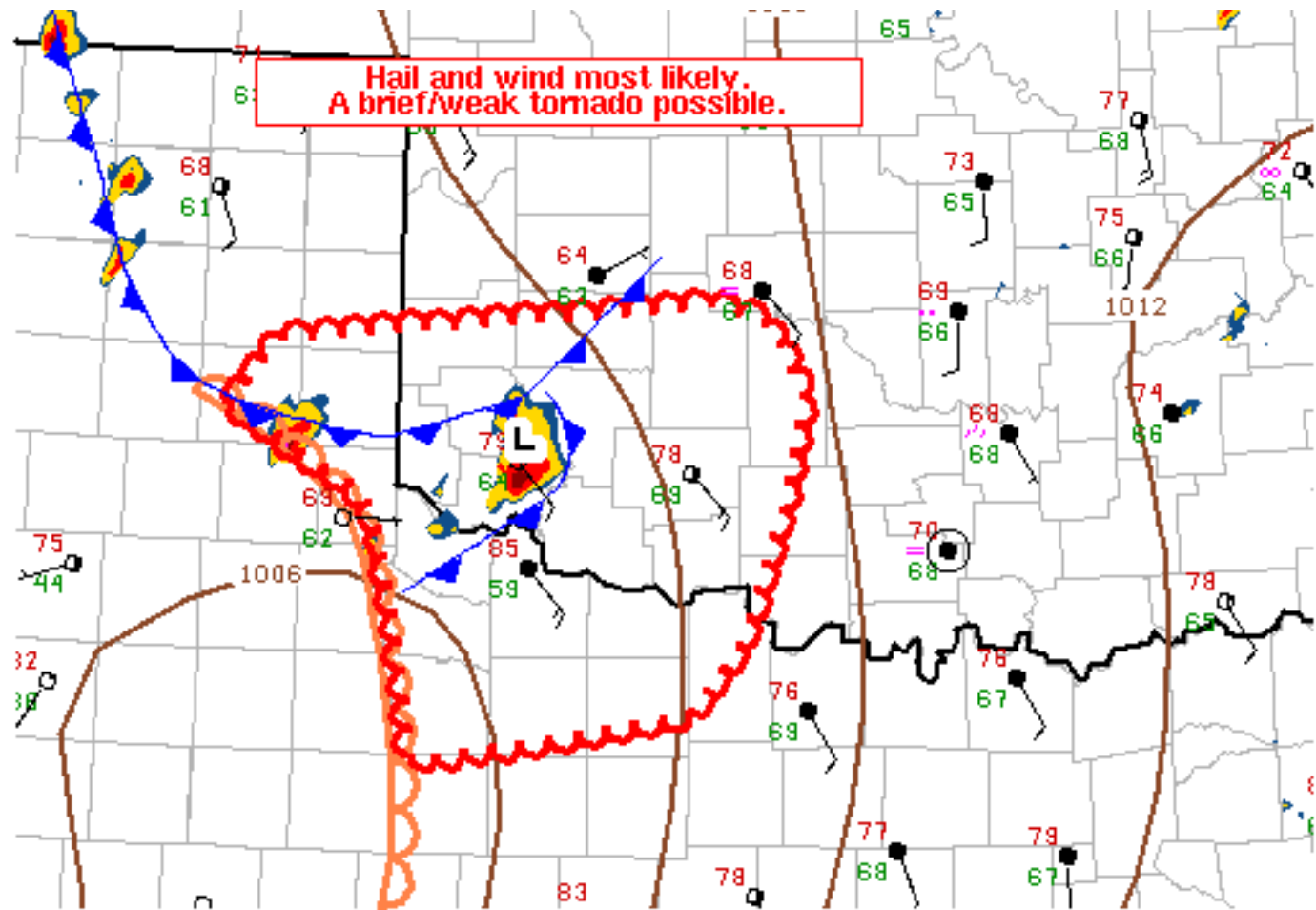
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## Mesoscale Discussion 689

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SPC MCD #0689

Mesoscale Discussion 0689

NWS Storm Prediction Center Norman OK

0558 PM CDT Wed May 10 2017

Areas affected...Northwest TX into southwest OK

Concerning...Tornado Watch [204](#)...

Valid 102258Z - 110100Z

The severe weather threat for Tornado Watch 204 continues.

SUMMARY...The threat for a brief tornado, damaging wind and hail persists mainly across northern parts of watch 204.

DISCUSSION...A long-tracked storm complex continues to move rapidly northeastward across southwest OK this evening, previously a supercell over northwest TX. This cluster of storms has transitioned to more of a damaging wind and hail threat, with complex storm structure and interactions as well as a flanking outflow boundary noted on radar.

A special 20Z OUN sounding shows a rather moist environment downstream of these storms, with rather modest low-level shear but good mid to upper level flow. While some increase in low-level shear will occur this evening, the combination of it being post sunset and antecedent cool/cloudy conditions suggest minimal tornado threat. However, the long hodographs combined with ample instability will maintain a threat of large hail and damaging winds. Additional activity is possible this evening across northwest TX into southwest OK, with vigorous CU redeveloping along the dryline which will not move much.

Elsewhere, a hail producing supercell was located over Collinsworth county TX, near an outflow boundary. Recent indications are that this storm may weaken with time as storms southeast of it further reduce unstable inflow.

..Jewell/Hart.. 05/10/2017

...Please see [www.spc.noaa.gov](http://www.spc.noaa.gov) for graphic product...

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