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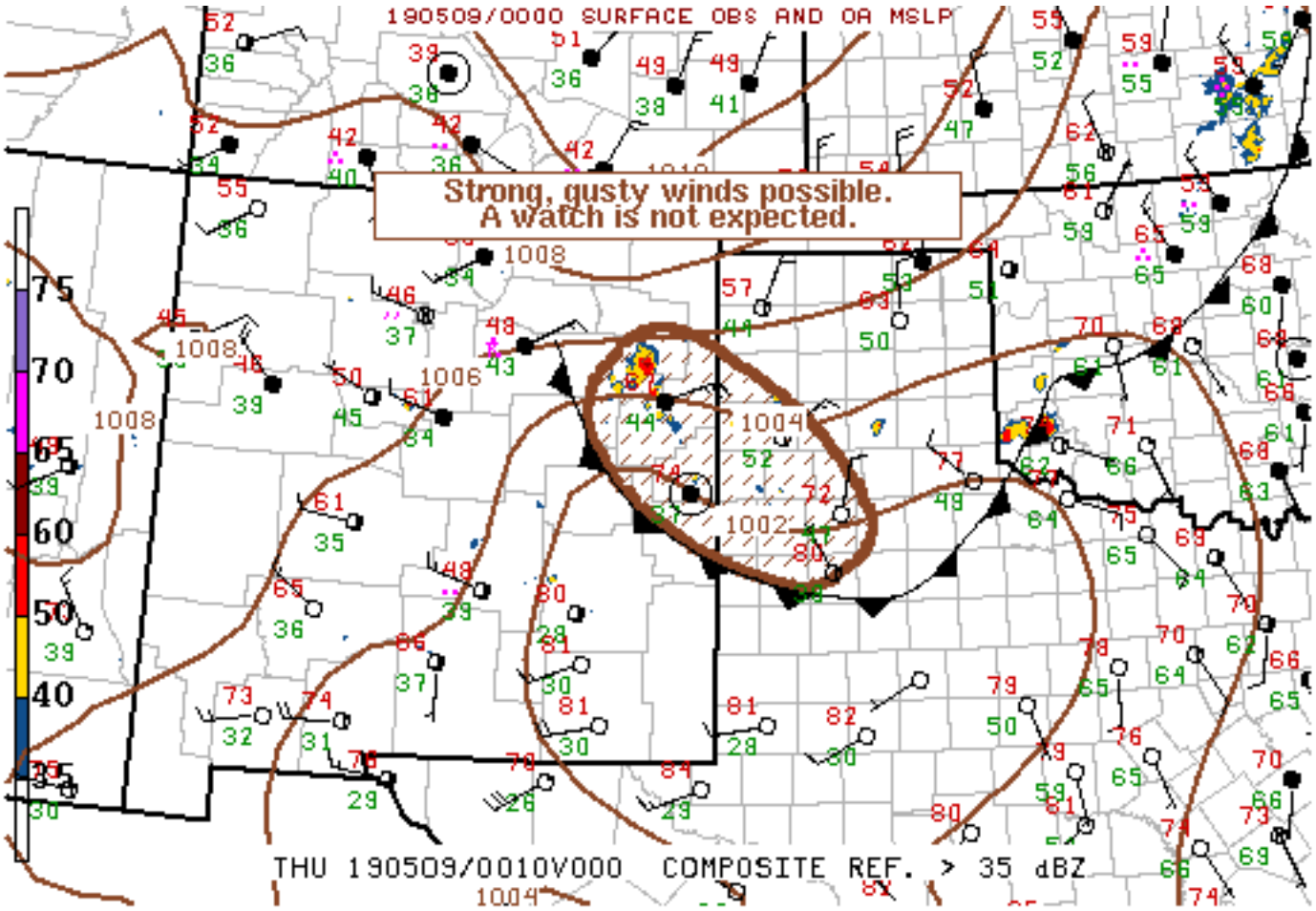
Mesoscale Discussion 594

< Previous MD Next MD >



SPC MCD #0594

Mesoscale Discussion 0594
NWS Storm Prediction Center Norman OK
0732 PM CDT Wed May 08 2019

Areas affected...east New Mexico and west Texas Panhandle

Concerning...Severe potential...Watch unlikely

Valid 090032Z - 090130Z

Probability of Watch Issuance...5 percent

SUMMARY...Thunderstorms are developing across the region. These storms will move southeast with time posing a threat for small hail and gusty winds.

DISCUSSION...Thunderstorms are developing along the cool side of a southward moving front. The airmass is characterized by mixed-layer CAPE around 500-1000 J/kg and deep-layer shear of 35-50 knots. Surface temperature-dewpoint spreads are on the order of 20-40F which will promote and maintain strong cold pools with any sustained

thunderstorm, and in turn, strong, gusty surface winds. One such thunderstorm is over San Miguel county and will continue to push southeast.

With the loss of diurnal heating, the overall thunderstorm intensity should wane. Thus, given the small spatio-temporal aspect of the threat a watch is not anticipated.

..Marsh/Hart.. 05/09/2019

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

ATTN...WFO...LUB...AMA...ABQ...

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