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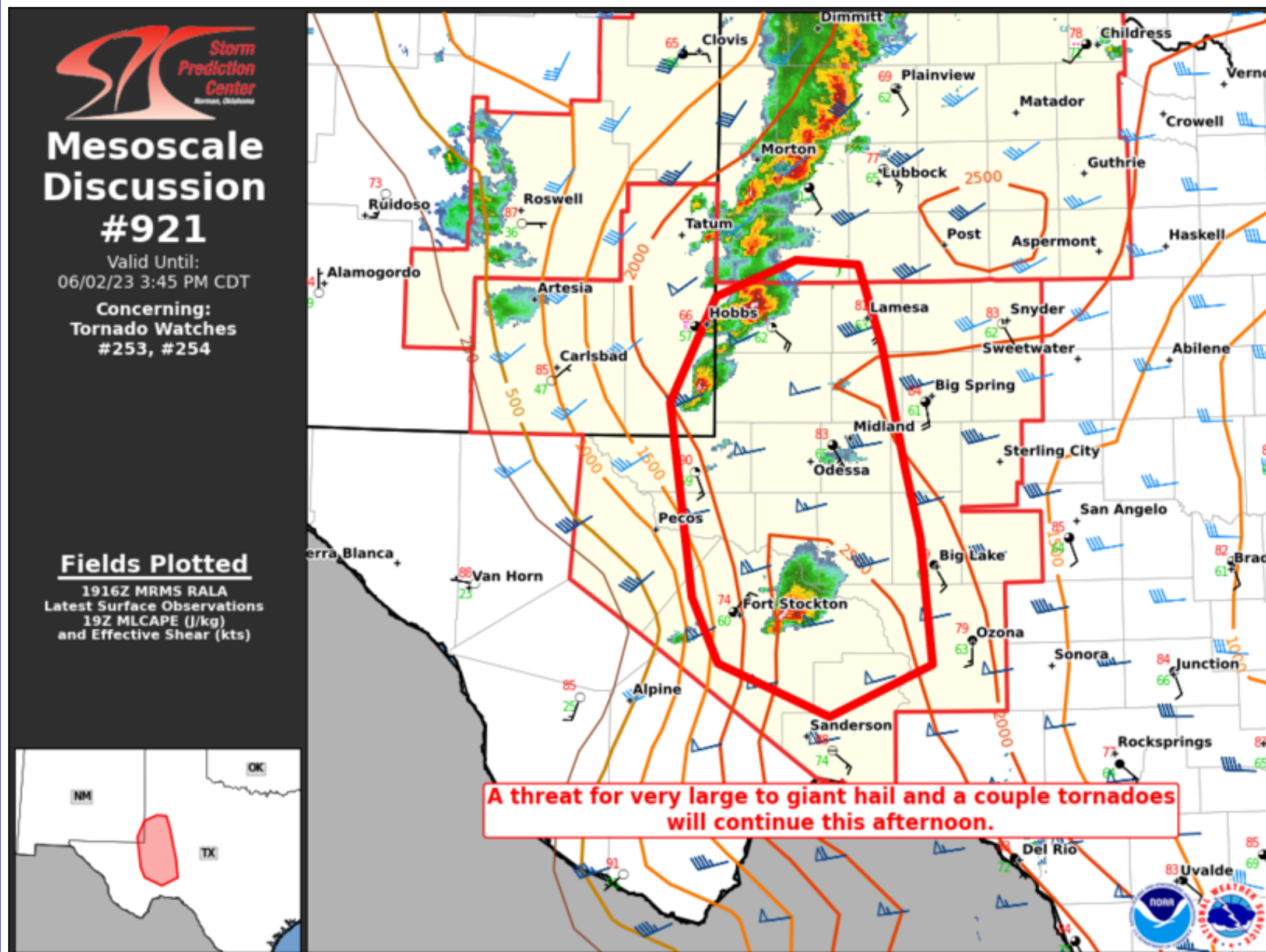
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Mesoscale Discussion 921

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Mesoscale Discussion 0921
 NWS Storm Prediction Center Norman OK
 0218 PM CDT Fri Jun 02 2023

Areas affected...Parts of the Permian Basin and vicinity

Concerning...Tornado Watch 253...254...

Valid 021918Z - 022045Z

The severe weather threat for Tornado Watch 253, 254 continues.

SUMMARY...The threat for very large to giant hail and a couple of tornadoes will continue through the afternoon.

DISCUSSION...Intense supercells are ongoing at 1915 UTC near Fort Stockton, TX, and also just east of Hobbs, NM. The 18Z MAF sounding modified for recent surface obs depicts a very favorable hail environment, with MLCAPE greater than 2500 J/kg and sufficient deep-layer shear for supercells. The ongoing supercells will continue to pose a threat for very large to giant hail as they spread east/southeastward through the afternoon.

Tornado reports have been received from each of this pair of supercells. While low-level shear/SRH will likely remain somewhat marginal, favorable low-level thermodynamics and the presence of ongoing intense supercells will continue to support some tornado threat through the afternoon.

Another supercell has recently developed across extreme southeast NM, and additional supercell development will be possible through the afternoon along a weak surface trough, and also potentially along the trailing outflow from the Fort Stockton supercell.

..Dean.. 06/02/2023

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

ATTN...WFO...SJT...LUB...MAF...

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