



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



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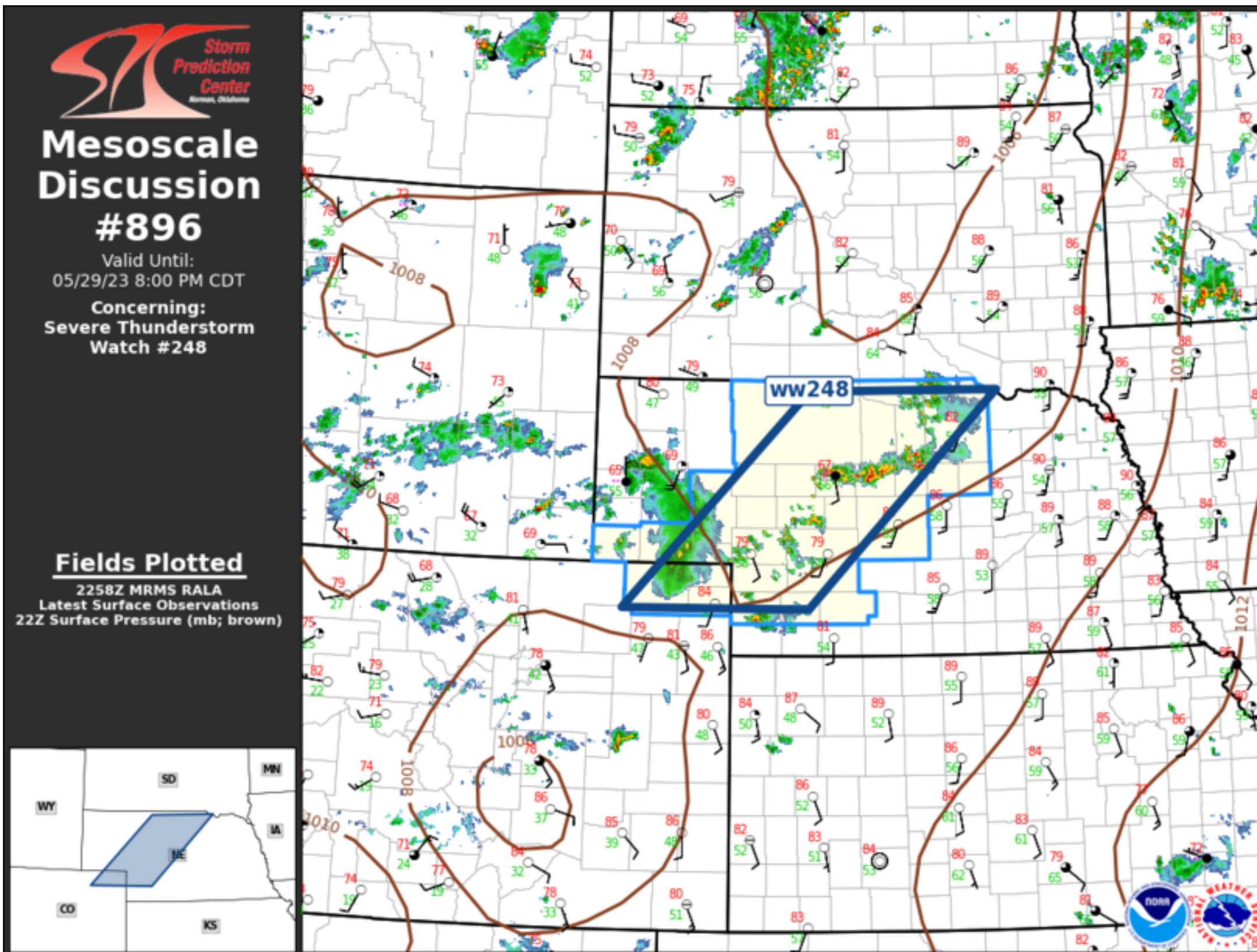
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## Mesoscale Discussion 896

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Mesoscale Discussion 0896  
NWS Storm Prediction Center Norman OK  
0600 PM CDT Mon May 29 2023

Areas affected...Central Plains

Concerning...Severe Thunderstorm Watch 248...

Valid 292300Z - 300100Z

The severe weather threat for Severe Thunderstorm Watch 248 continues.

SUMMARY...Isolated severe thunderstorms will persist across [ww248](#) this evening. Hail continues to be the main threat.

DISCUSSION...Weak mid-level short-wave trough is currently evident in water-vapor imagery extending from eastern MT into extreme northwest NE. This feature will advance east this evening with the southern extent expected to influence convection that has developed across portions of central/northern NE. Latest diagnostic data suggests 25-30kt 500mb flow will overspread the northern half of [ww248](#) where modest instability (2000 J/kg MLCAPE) currently resides ahead of a lee surface trough from near OGA to near ANW. Isolated robust convection has evolved along this corridor and several updrafts appear to have hail on the order of 1 inch at times. Hail remains the primary risk, though gusty winds are also possible. This activity will shift slowly east this evening as weak LLJ shifts into northeast NE-southwest MN after sunset.

..Darrow.. 05/29/2023

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

ATTN...WFO...FSD...OAX...LBF...BOU...CYS...

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