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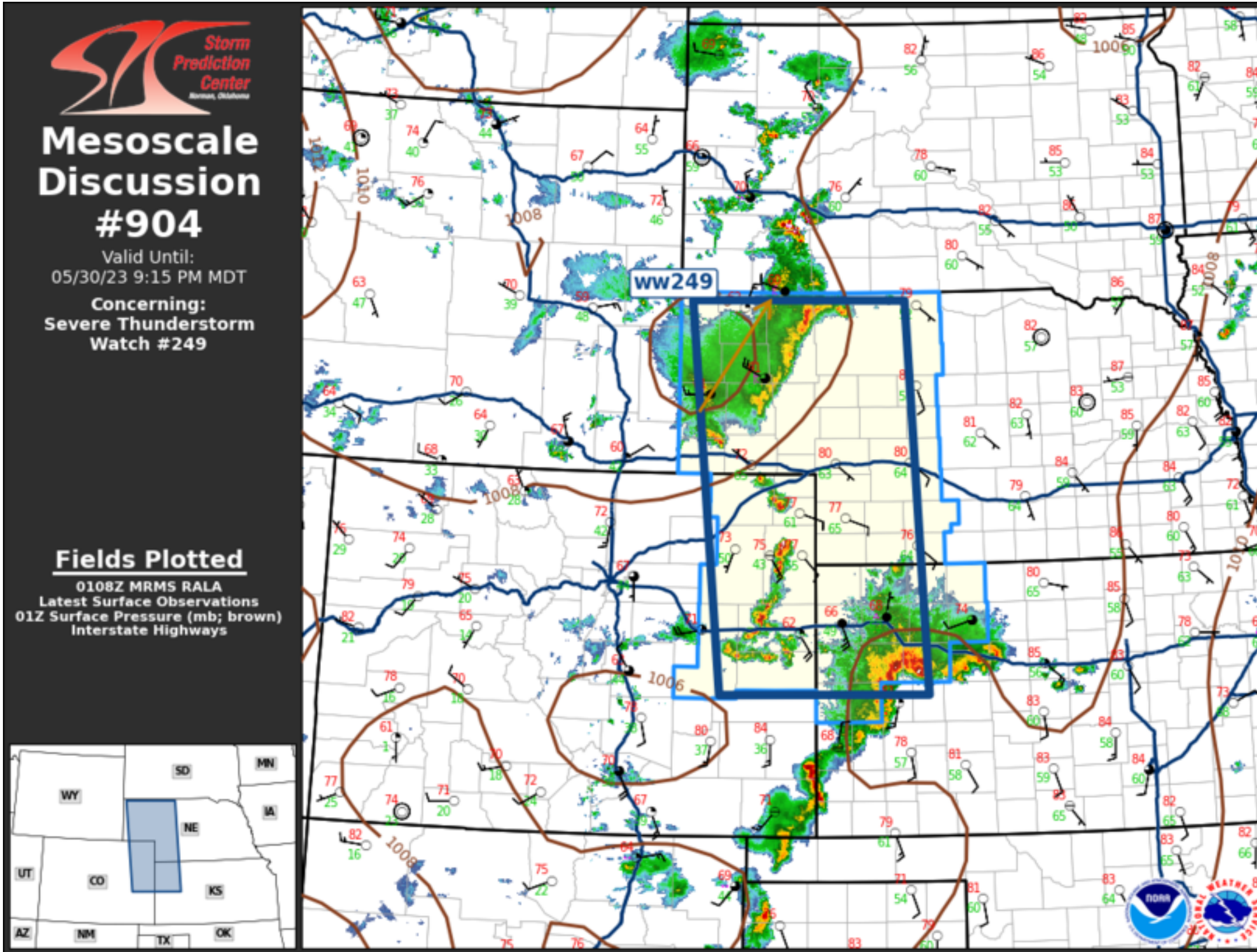
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Mesoscale Discussion 904

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Mesoscale Discussion 0904
 NWS Storm Prediction Center Norman OK
 0810 PM CDT Tue May 30 2023

Areas affected...Central High Plains

Concerning...Severe Thunderstorm Watch [249](#)...

Valid 310110Z - 310315Z

The severe weather threat for Severe Thunderstorm Watch 249 continues.

SUMMARY...Severe threat will gradually spread across much of [ww249](#). Hail/wind remain possible.

DISCUSSION...Several thunderstorm clusters have evolved across the central High Plains in partial response to a weak short-wave trough that currently extends from eastern WY into eastern CO. One complex in particular extends across northwestern KS, arcing southwest into western portions of [ww250](#). While 850mb flow remains weak across western KS, some nocturnal increase will likely occur within the next few hours such that the maturing MCS along I-70 should begin to propagate a bit faster toward the southeast, especially if the cold pool continues to expand.

Another notable slow-moving MCS is evolving over the NE Panhandle with more isolated strong/severe convection extending into northeast CO. Strongest portions of this activity are producing hail around 1 inch. Overall, strong/severe convection should gradually spread across the remainder of [ww249](#) by late evening.

..Darrow.. 05/31/2023

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

ATTN...WFO...LBF...DDC...GLD...PUB...BOU...CYS...

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