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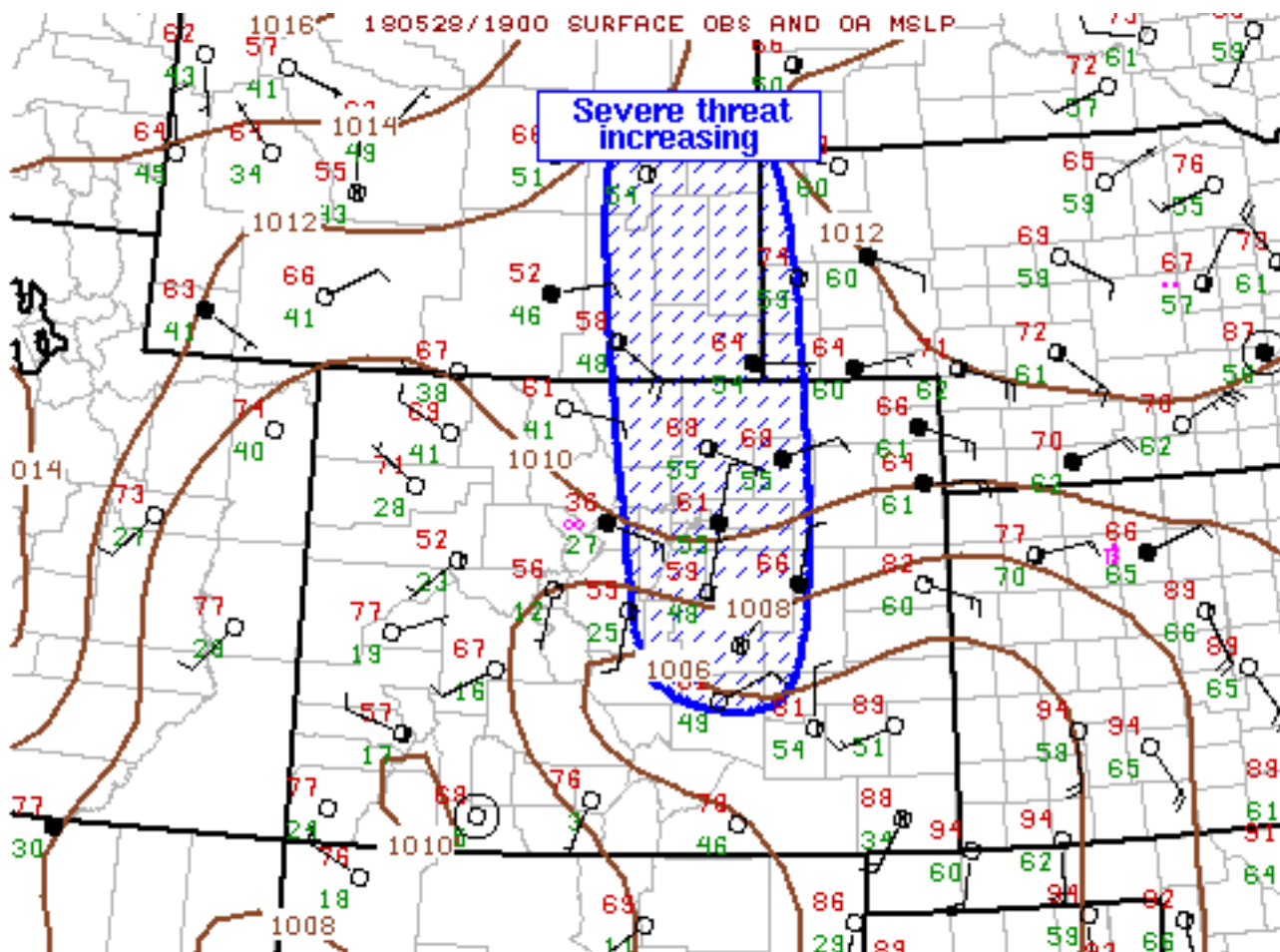
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SPC Feedback

Mesoscale Discussion 557

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SPC MCD #0557

Mesoscale Discussion 0557

NWS Storm Prediction Center Norman OK

0239 PM CDT Mon May 28 2018

Areas affected...The Central High Plains/Front Range of WY and CO

Concerning...Severe potential...Watch likely

Valid 281939Z - 282115Z

Probability of Watch Issuance...80 percent

SUMMARY...Scattered strong/severe thunderstorms will be noted across the High Plains/Front Range of WY/CO. Large hail is the primary risk, although a tornado can not be ruled out.

DISCUSSION...Early-afternoon water-vapor imagery depicts a well-defined short-wave trough ejecting across the Four Corners into central CO. Large-scale forcing for ascent is expected to aid an arcing band of convection that should intensify over the higher terrain then spread across the Front Range/High Plains. While

boundary-layer clouds have been stubborn to erode north of the Palmer Divide, it appears substantially more breaks in this cloud deck will soon enhance surface heating/buoyancy. Severe convection with large hail is the primary risk.

..Darrow/Hart.. 05/28/2018

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

ATTN...WFO...UNR...PUB...BOU...CYS...

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NOAA / National Weather Service
National Centers for Environmental Prediction
Storm Prediction Center
120 David L. Boren Blvd.
Norman, OK 73072 U.S.A.
spc.feedback@noaa.gov
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