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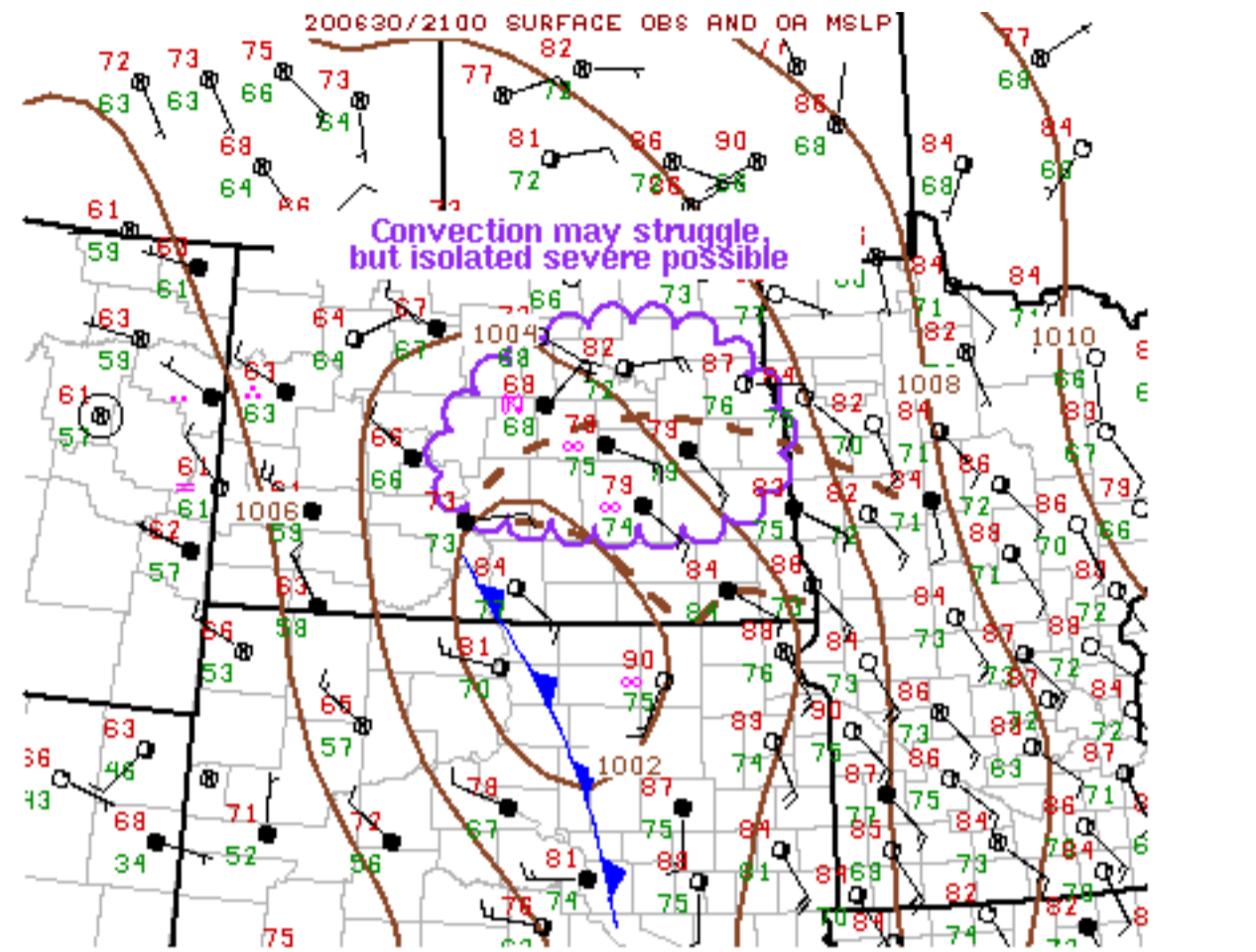
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## Mesoscale Discussion 1060

[< Previous MD](#) [Next MD >](#)



SPC MCD #1060

Mesoscale Discussion 1060  
NWS Storm Prediction Center Norman OK  
0459 PM CDT Tue Jun 30 2020

Areas affected...North Dakota

Concerning...Severe potential...Watch possible

Valid 302159Z - 010000Z

Probability of Watch Issuance...60 percent

SUMMARY...Some severe threat will be noted with thunderstorms across North Dakota this evening; however, convection may struggle at times. Will continue to monitor for possible ww.

DISCUSSION...Complex convective scenario is underway across the northern Plains this evening. Scattered convection has been ongoing within a zone of warm advection along/north of the advancing warm front. This activity has struggled to organize as updrafts appear to be impeded by poor lapse rates in the lowest 3km (warm 700mb temperatures). Supporting this, satellite imagery depicts anvils that are not replenishing rapidly, and/or venting strongly aloft. Even so, focused LLJ into ND, and approaching short-wave trough, suggest this area will need to be monitored for possible ww. Until thermodynamic profiles adjust, and the influential cap is removed, convection may not be as robust as some of the objective analysis might otherwise suggest.

..Darrow/Guyer.. 06/30/2020

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

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