



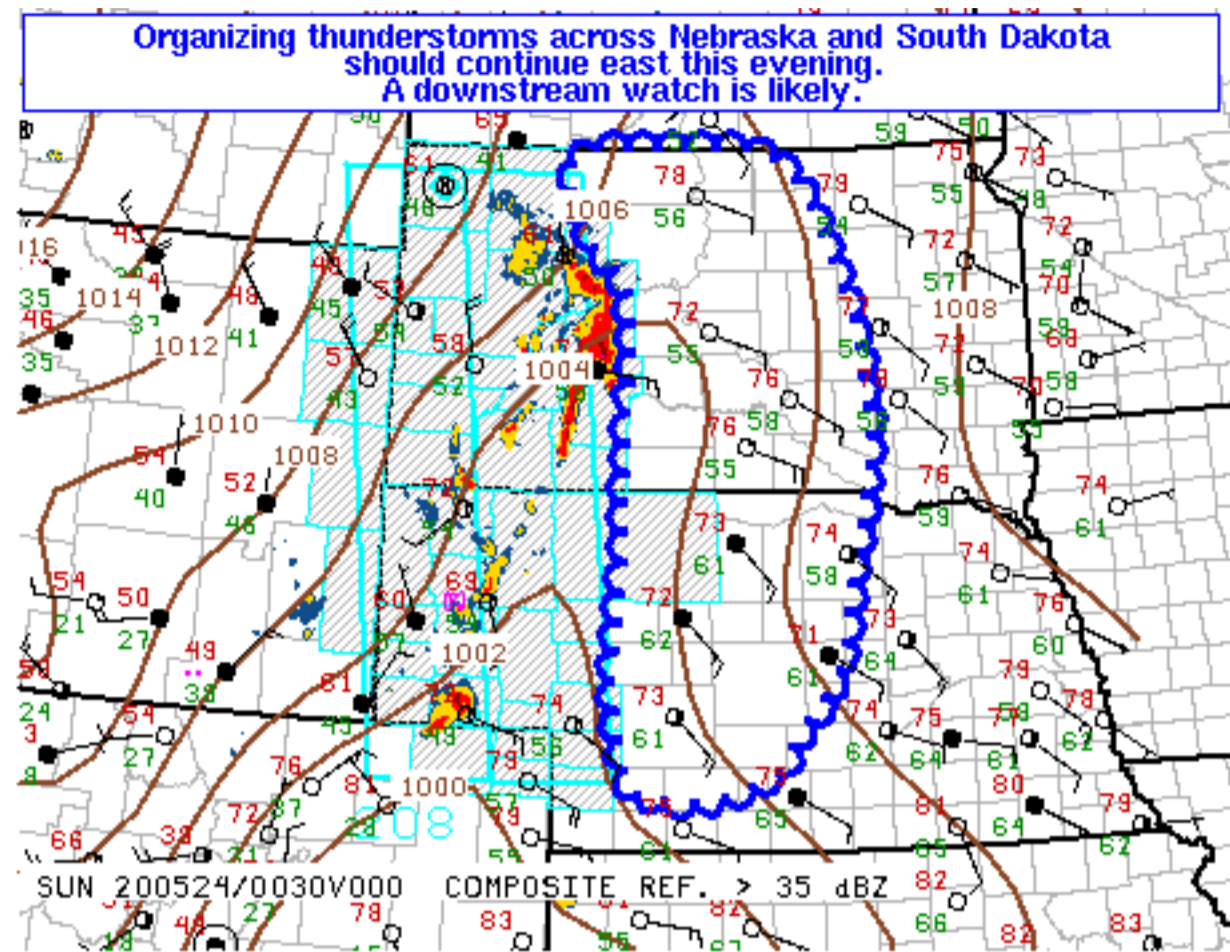
Local forecast by "City, St" or "ZIP"

City, St

Mesoscale Discussion 694

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Organizing thunderstorms across Nebraska and South Dakota should continue east this evening. A downstream watch is likely.



SPC MCD #0694

Mesoscale Discussion 0694
NWS Storm Prediction Center Norman OK
0753 PM CDT Sat May 23 2020

Areas affected...Central nebraska and South Dakota

Concerning...Severe potential...Watch likely

Valid 240053Z - 240230Z

Probability of Watch Issuance...95 percent

SUMMARY...Thunderstorms organizing across Nebraska and south Dakota should persist east out of **WW208** over the next 1 to 2 hours. The threat for damaging winds remains, and a downstream watch is likely needed.

DISCUSSION...An MCS is organizing across portions of Nebraska and South Dakota ahead of a mid-level shortwave trough. An uptick in convective intensity and coverage has been noted over the last hour. This is likely due to increased low-level mass response from the low-level jet advecting in deeper moisture ahead of the storms. Increased moisture with surface dewpoints in the upper 50s to low 60s will support robust updrafts. The predominately linear mode will favor a threat for damaging wind gusts this evening, though severe hail will also be possible with the initial convection. A new watch is likely downstream of **WW208** within the hour.

..Lyons.. 05/24/2020

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

ATTN...WFO...FSD...ABR...GID...BIS...LBF...UNR...

LAT...LON	43680123	44000118	44570119	44810124	45010159	45140169
	45420188	45660201	45830194	45940169	45940058	45969990
	45929957	45819935	45529908	45219890	44849869	44299848
	44119849	43409838	42869848	42209867	42019871	41759872
	41399886	40929932	40659952	40519987	40460009	40410034
	40410060	40450106	40610121	40970129	41360137	41760134
	42590124	43680123				

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