

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

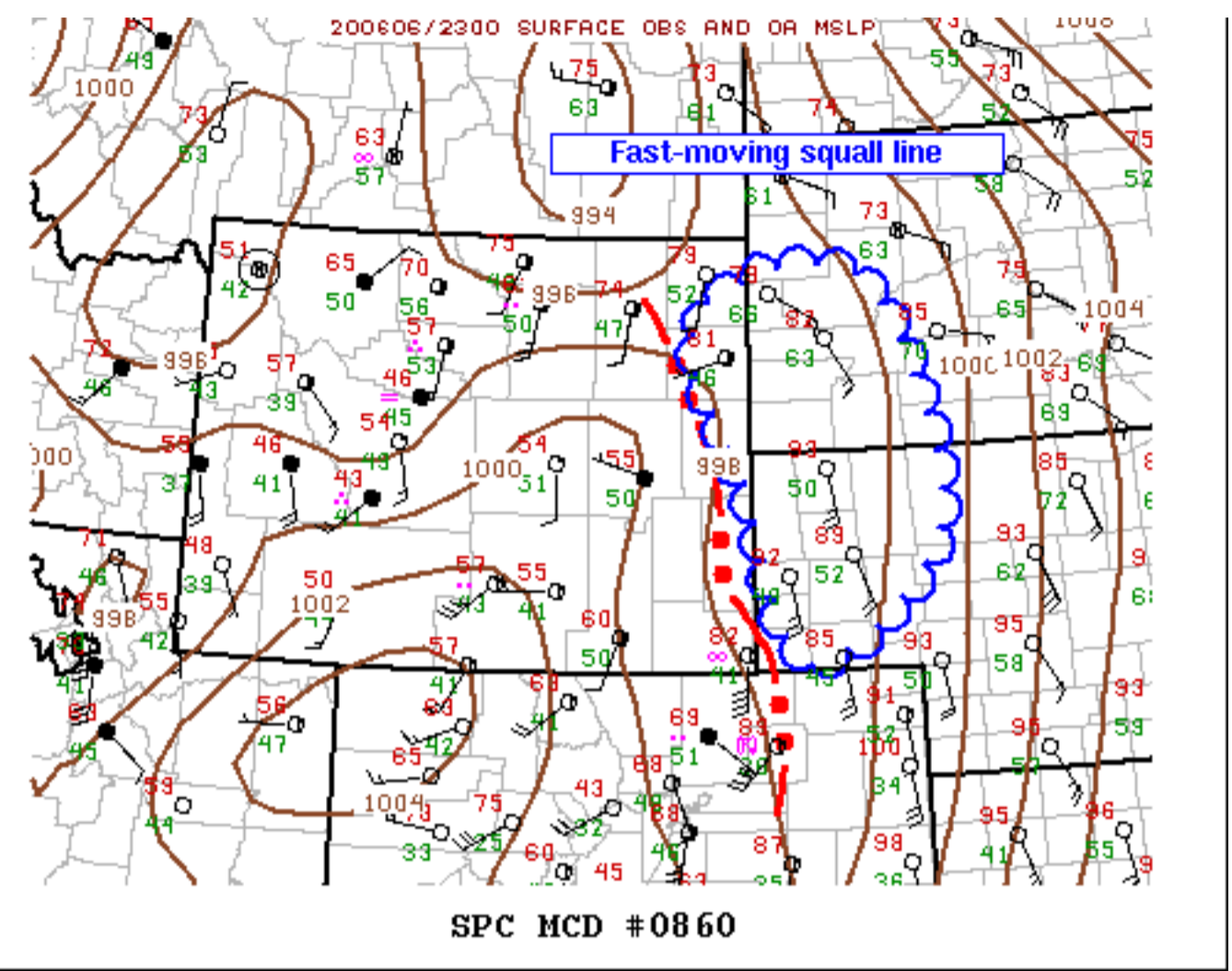
- Find us on Facebook
SPC on Facebook
- @NWSSPC
- NCEP Quarterly Newsletter

- Home (Classic)
- SPC Products
 - All SPC Forecasts
 - Current Watches
 - Meso. Discussions
 - Conv. Outlooks
 - Tstm. Outlooks
 - Fire Wx Outlooks
- RSS Feeds
- E-Mail Alerts
- Weather Information
 - Storm Reports
 - Storm Reports Dev.
 - NWS Hazards Map
 - National RADAR
 - Product Archive
 - NOAA Weather Radio
- Research
 - Non-op. Products
 - Forecast Tools
 - Svr. Tstm. Events
 - SPC Publications
 - SPC-NSSL HWT
- Education & Outreach
 - About the SPC
 - SPC FAQ
 - About Tornadoes
 - About Derechos
 - Video Lecture Series
 - WCM Page
 - Enh. Fujita Page
 - Our History
 - Public Tours
- Misc.
 - Staff
 - Contact Us
 - SPC Feedback



Mesoscale Discussion 860

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



Mesoscale Discussion 0860
 NWS Storm Prediction Center Norman OK
 0625 PM CDT Sat Jun 06 2020

Areas affected...Eastern WY...NE Panhandle...Western SD

Concerning...Severe Thunderstorm Watch 263...264...

Valid 062325Z - 070100Z

The severe weather threat for Severe Thunderstorm Watch 263, 264 continues.

SUMMARY...Fast-moving squall line will surge across the remainder of [ww263](#) into [ww264](#). Severe wind gusts are the primary risks, though an isolated tornado can not be ruled out along the eastern periphery of the Black Hills.

DISCUSSION...Long-lived linear MCS has progressed across southern WY/CO and is now surging east of the mountains across the High Plains. Latest radar data suggests leading bow is racing northeast in excess of 50kt and surface winds greater than 50kt remain likely, with some approaching 70kt possible. Numerous measured severe wind gusts have been common with this squall line.

Air mass downstream across western SD is considerably more moist/buoyant. Forecast soundings favor supercells but current linear storm mode will likely be maintained given the longevity of the MCS supported by strong large-scale forcing. While a tornado can not be ruled out east of the Black Hills, current thinking is severe wind gusts will be the primary threat.

..Darrow.. 06/06/2020

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

ATTN...WFO...LBF...UNR...CYS...

LAT...LON 41050335 42710413 44280469 44590258 42360166 41050335

[Top/All Mesoscale Discussions/Forecast Products/Home](#)

Weather Topics:
[Watches](#), [Mesoscale Discussions](#), [Outlooks](#), [Fire Weather](#), [All Products](#), [Contact Us](#)

National Weather Service • Since 1870