



however, with no predominant boundaries (at the meso-alpha scale or larger) in place for convective initiation. Easterly flow has been noted across southeast Montana, where upslope flow may provide localized lift for convective initiation, but this easterly flow is weak. As such, there are questions regarding how many storms will develop.

While directional shear is poor across the area, adequate speed shear will support splitting supercells and relatively longer-lived single-cell storms and multicellular clusters. Assuming storms can initiate and sustain themselves, steep low and mid-level lapse rates (contributing up to 1000 J/kg MLCAPE) and 35-45 knots of effective bulk shear will support the development of severe hail. A dry surface-700 mb sub-layer will also encourage deep-layer evaporative cooling with the more intense downdrafts, supporting damaging-wind gust potential as well.

Trends will continue to be monitored for increasing convective coverage and perhaps the need for a WW issuance.

...Squitieri/Edwards.. 06/19/2019

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

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