

Morning Forecast, Tuesday May 24

Submitted by dhartsock on Tue, 05/24/2011 - 08:50

- [Central Facility](#)

Possible severe weather/tornado outbreak day across Oklahoma later this afternoon/evening. The upper level trough is digging down over the southern rockies and into the Texas panhandle with divergent outflow from Kansas down through Oklahoma later this afternoon. A surface low will continue to deepen across the OK panhandle as a dryline shifts into western OK. A high risk of severe storms includes all except the western third of the state, with isolated strong storms likely developing 20-22z along the dryline and moving east/north-eastward around 30 knots. A line of thunderstorms is forecast to extend from north texas into Nebraska and propagate eastward, which will also likely affect the Offutt area later tonight. Storms and showers are also likely to continue forming along the central to northern Colorado area this afternoon, perhaps opening a window of opportunity for the ER-2 between the current MCS moving through SE Nebraska and the forecast late night storms arrival.

Wednesday the low pressure system will lift across the central plains along with a chance of wrap around rain over northern Oklahoma in the afternoon. Brisk surface winds will also be in play circling around the low from OK to NE. Rain chances are highest near offutt decreasing in probability through Kansas into OK, although low overcast cloud deck will be likely.

As the system shifts eastward, the region will begin to clear out. Likely to see some fair weather cumulus in the wake during the day. Friday will bring more cumulus clouds with a slight chance of some showers over northern OK.

Forecasts

Time of Day:

Morning

Day 0:

05/24/2011

Forecast for Day 0:

Strong storms likely today across the state, as described earlier. Expected to form between 20-22z across western OK along the dryline, and propagate eastward across the I-35 corridor between 22-00z and intensify. Strong storms will be likely from north texas through Kansas into Nebraska as well, possibly affecting the Offutt area 03-06z tonight. Storms will be moving quickly at 30 knots east/north-eastward with outflow anvils ahead of the storms.

This afternoon there will be showers and storms developing across central and eastern Colorado spreading north and north-eastwardly, after 15z and persisting through 00z. Offutt conditions include east/south-easterly winds 10-15 knots, gusting at times. An MCS will continue to spread eastward and move through the area late morning, early afternoon.

Day 1:

05/25/2011

Forecast for Day 1:

The low pressure system will shift eastward across Kansas into Missouri with brisk winds shifting behind it, from NE-N in eastern Nebraska to W-NW over northern OK. Wrap around rain showers will be likely from Nebraska down through Kansas and a chance over northern OK late Wed morning through the afternoon. Conditions will likely be overcast throughout the day.

Day 2:

05/26/2011

Forecast for Day 2:

As the upper level system continues to move out, Thursday should begin clearing. Low level clouds will be likely in the morning, possibly clearing out or at least breaking up later in the day, with cumulus clouds probable in the wake of the front, but remaining rain free.

Extended Outlook:

The jet streak off the Pacific NW will push into the Colorado area, possibly kicking off a line of storms over the central plains. A 20% chance of storms over north-central OK exists, with more cumulus likely.

Attached files:

1. [MC3E Weather Briefing 20110524.ppt](#)