

- 2d. There is a low pressure system located over North Texas. Diverging winds East of this system ~~cause~~ cause the warmer air to rise, which explains the high echo tops observed in this area from the Radar data. North of the system there are some areas of cold air advection, which correlates with the areas of snowfall and freezing Rain seen on the Radar. Treating the 50kt isotherm as the border for the Jetstream we can deduce that ~~this Low Pressure system is a cut-off low, or that the Jet stream is sitting~~ ~~to~~ The high wind speeds around the low also correlate with the high movement rate of the echo tops in the Radar. Converging winds west and south of the center cause subsidence, and in the Radar this is confirmed by the lack of echo tops / lack of observed precipitation in this area.

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