Chapter 8 and then chapter 10

Started from Eq 8.5 and Figure 8.29, Fig. 8.30

Figure 8.39 (left) and Figure 8.41 (right)

High pressure is found upshear of the updraft and low pressure is found downshear of the updraft (Fig8.39) The linear dynamic forcing suppresses the left-moving storm and enhances the right-moving storm(Fig. 8.41)

Chapter 10 Hazards Associated with Deep Moist Convection

- We went through all the figures in chapter 10
Figure 10.1 tornadic—where large CAPE and strong shear

Figure 10.13: Tornadoes are favored in environments containing large low-level relative humidity and low-level wind shear
Figure 10.14: Supercells that spawned significant tornadoes were associated with warmer RFD outflow, on average, compared with nontornadic or weekly tornadic supercells.

Strong cold pools and excessive negative buoyancy are detrimental to tornadogenesis.