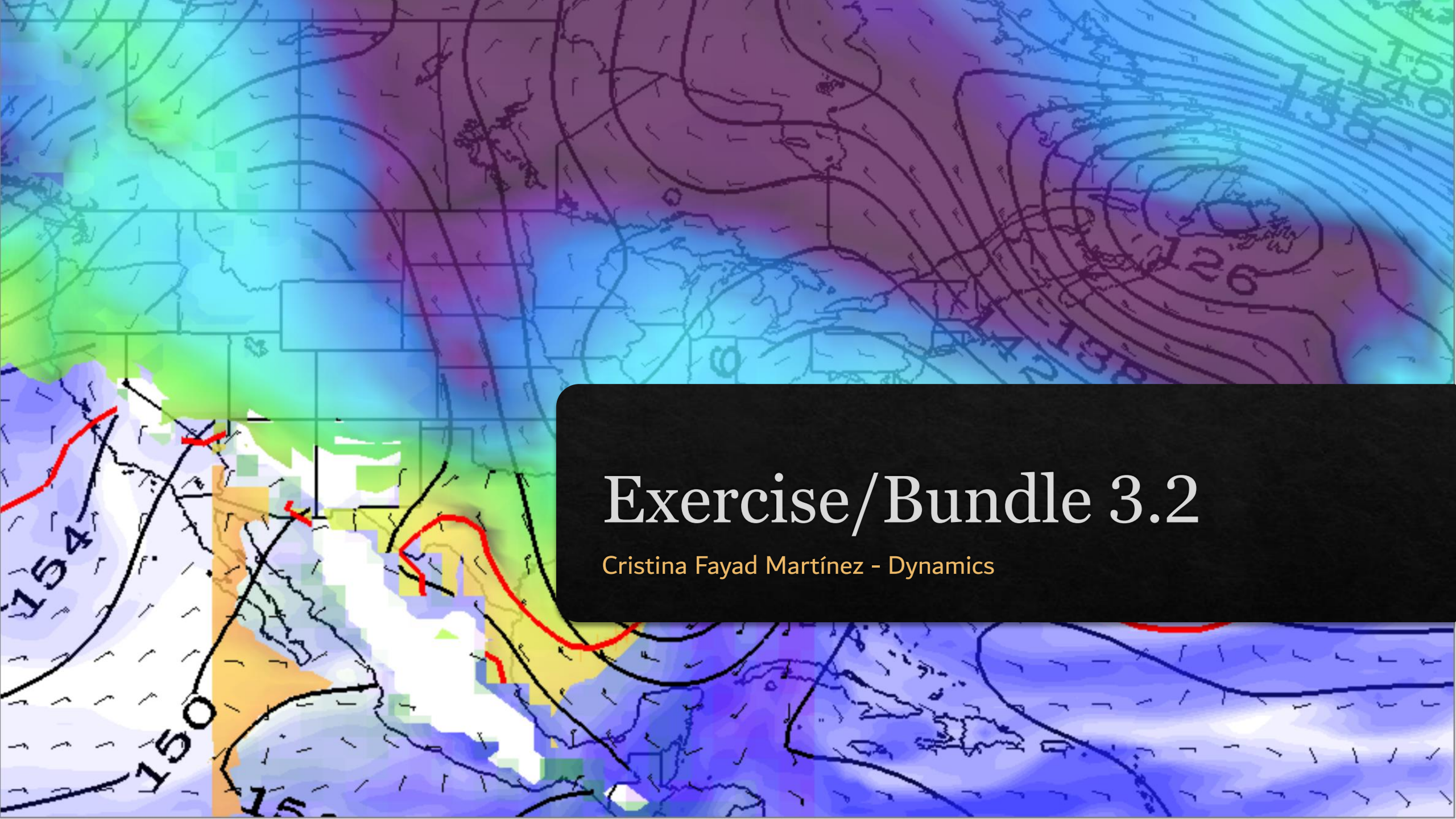
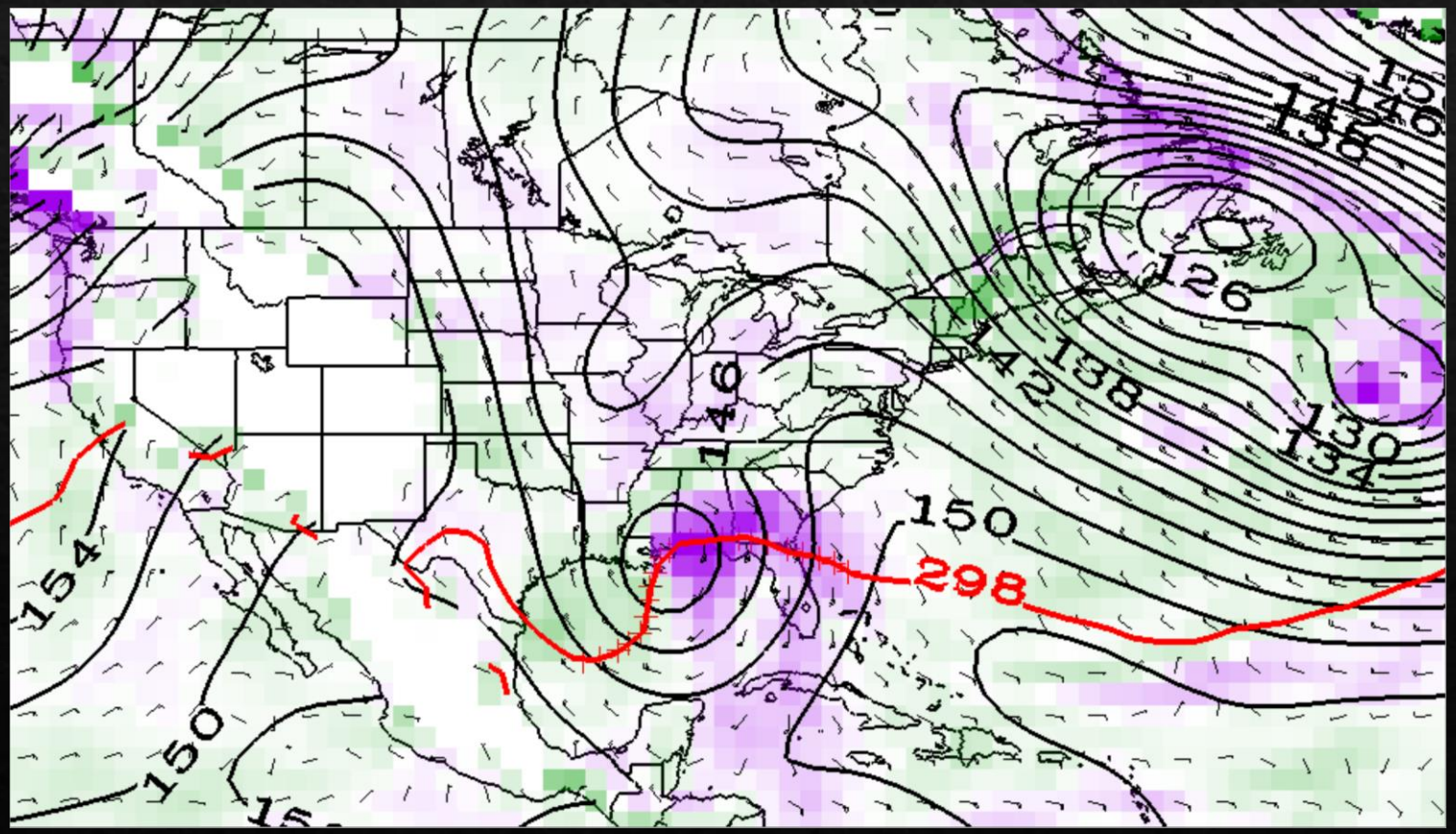


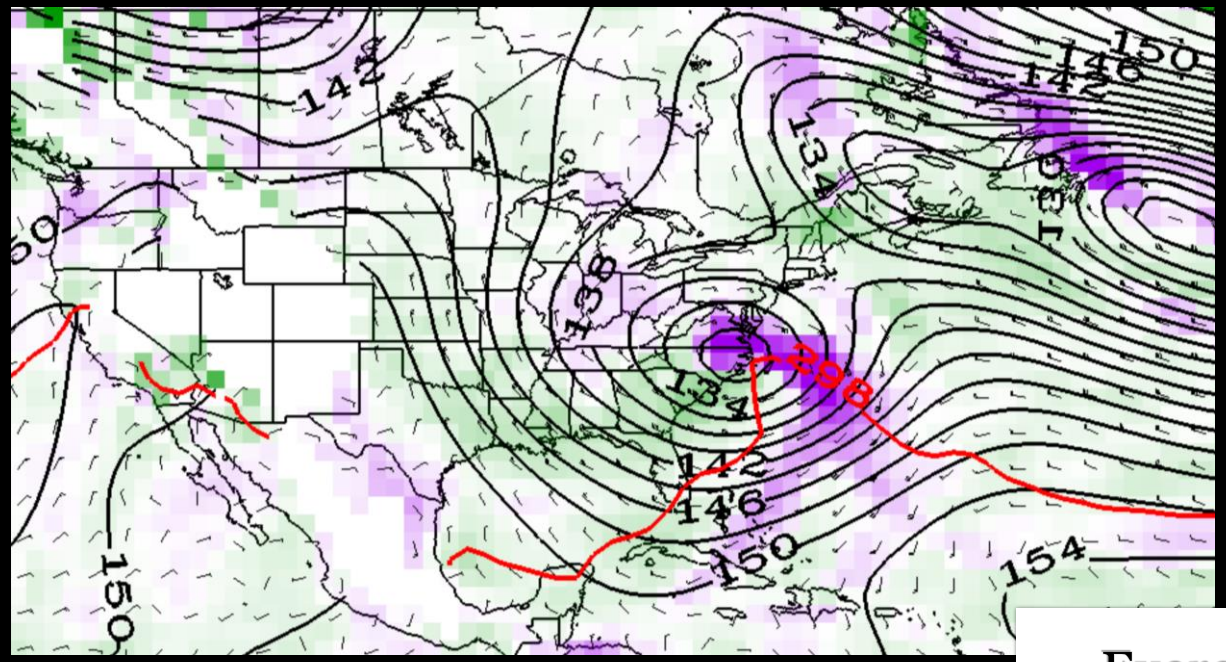
Exercise/Bundle 3.2

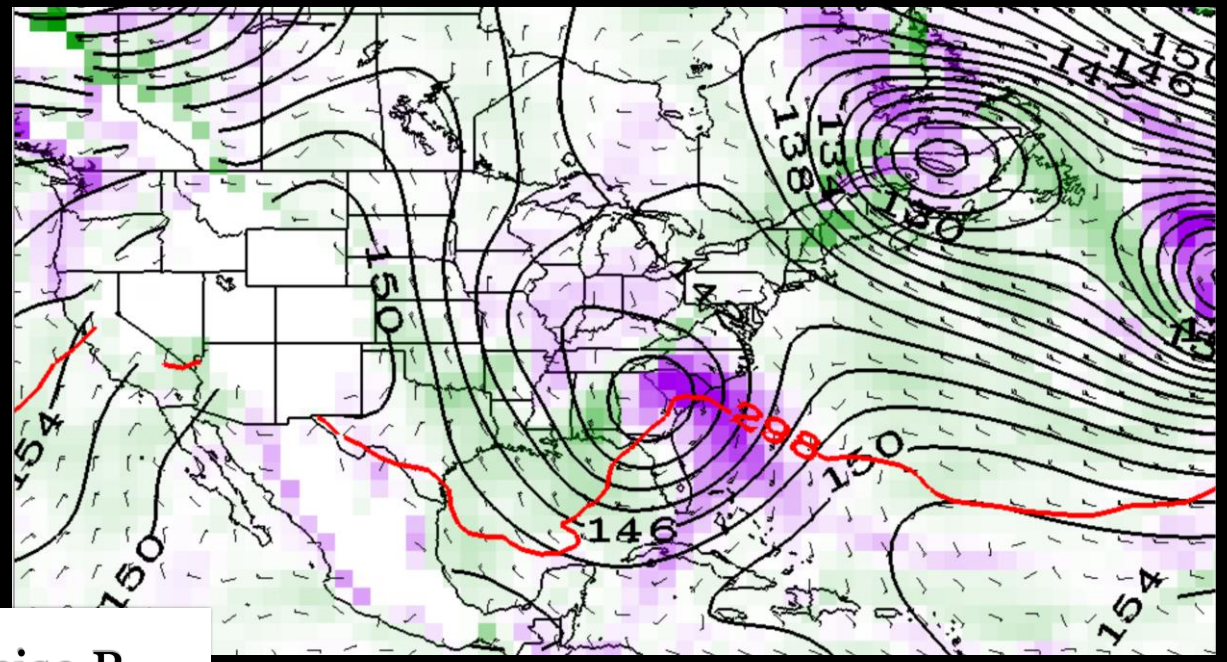
Cristina Fayad Martínez - Dynamics

Exercise A



Yes: Purple areas represent a rising of air parcel, while greens is the sinking of the parcel
→ matches red line


142
146
150
134
138
298
154


150
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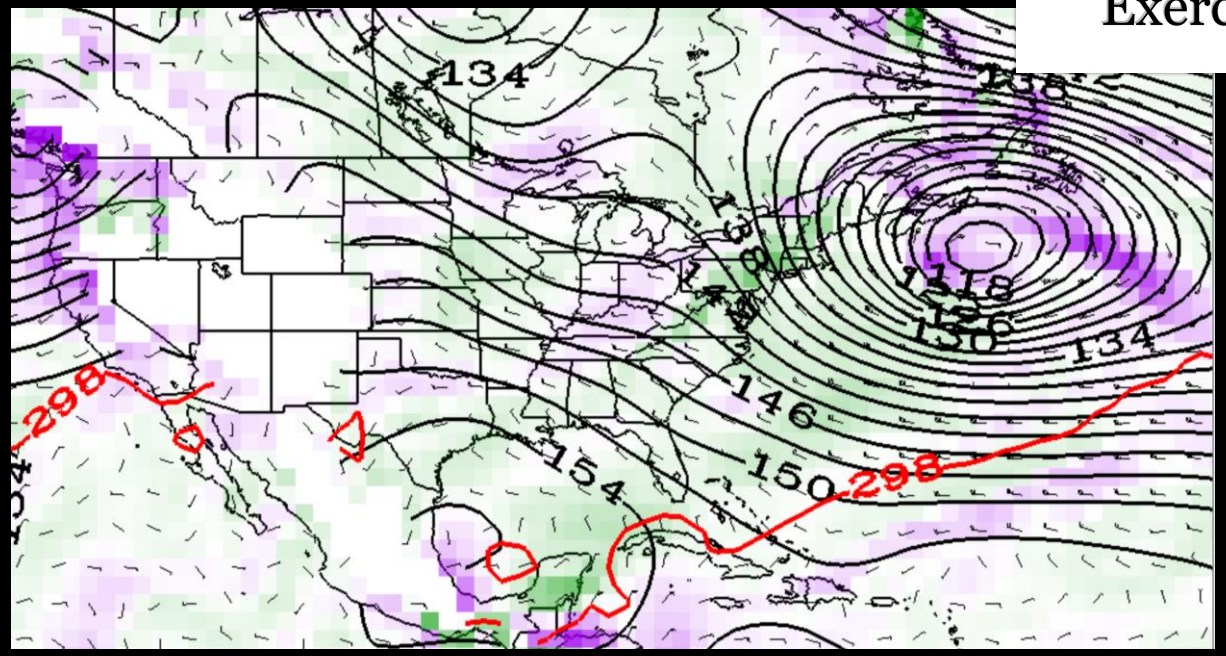
134
130
298
154

Exercise B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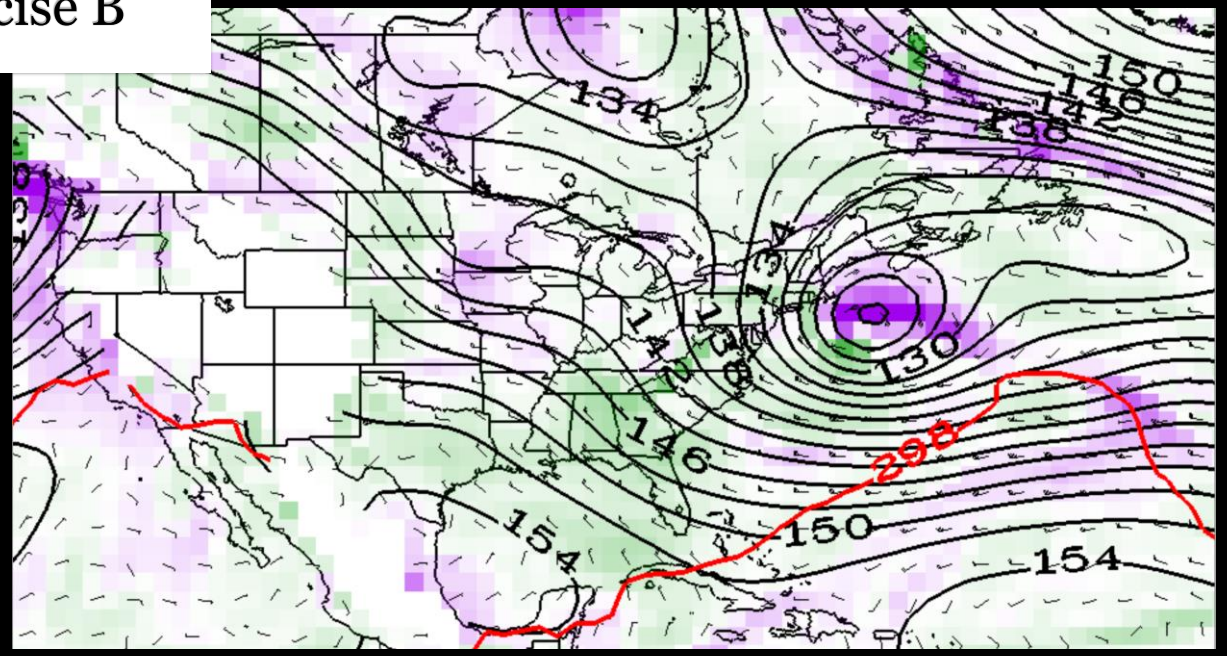
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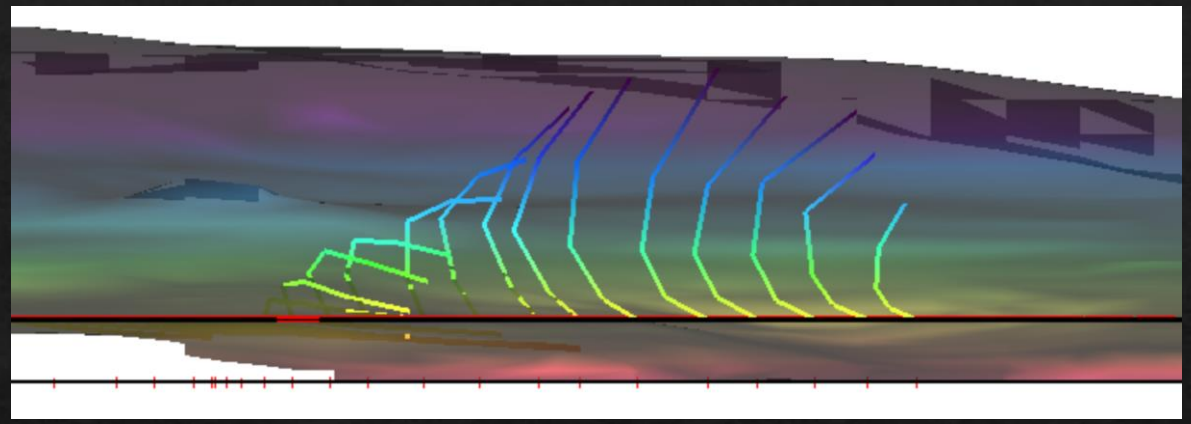
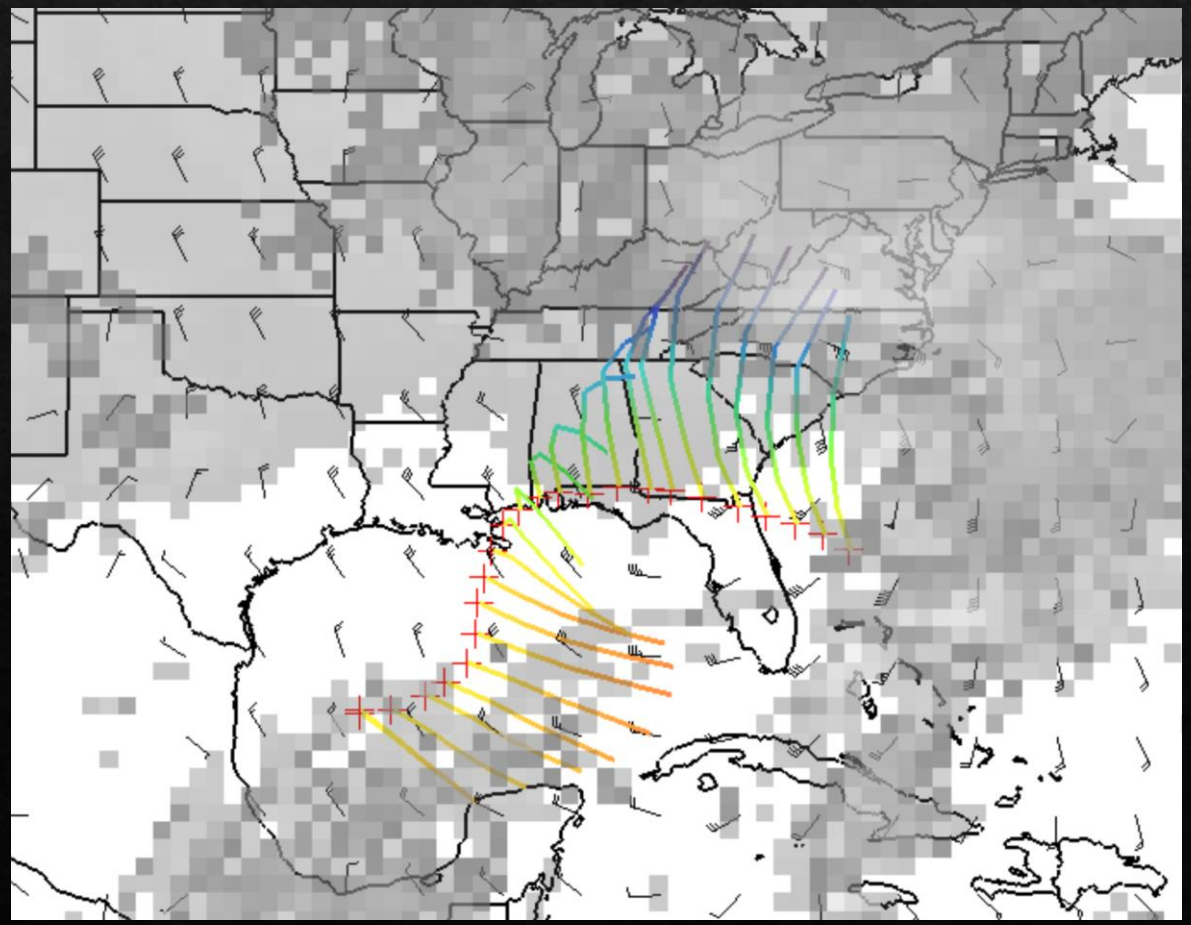
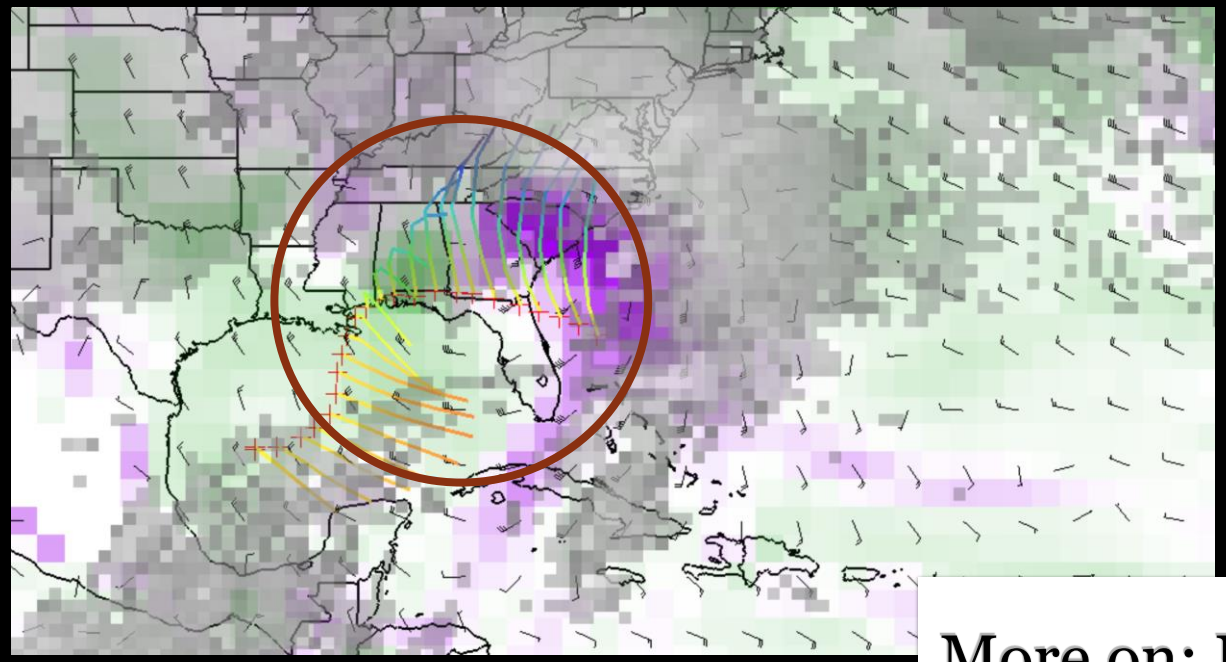
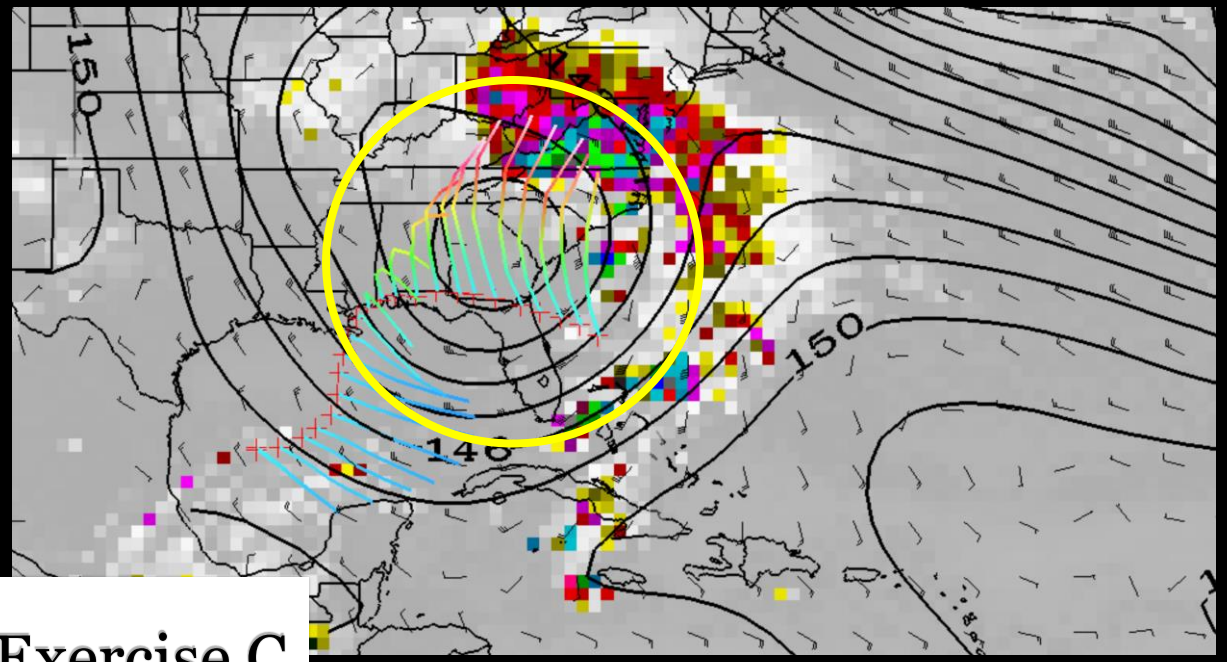




Exercise C

- Does not involve exchange in heat
- Physical process: convective or stratiform cloud, synoptic clouds
- Weather Fronts:
  - Warm: wind crosses lines of potential temperatura (increasing heights)
  - Colds: decreasing heights
- They got far above the isentropic Surface because they are a representation of a warm front





More on: Exercise C