

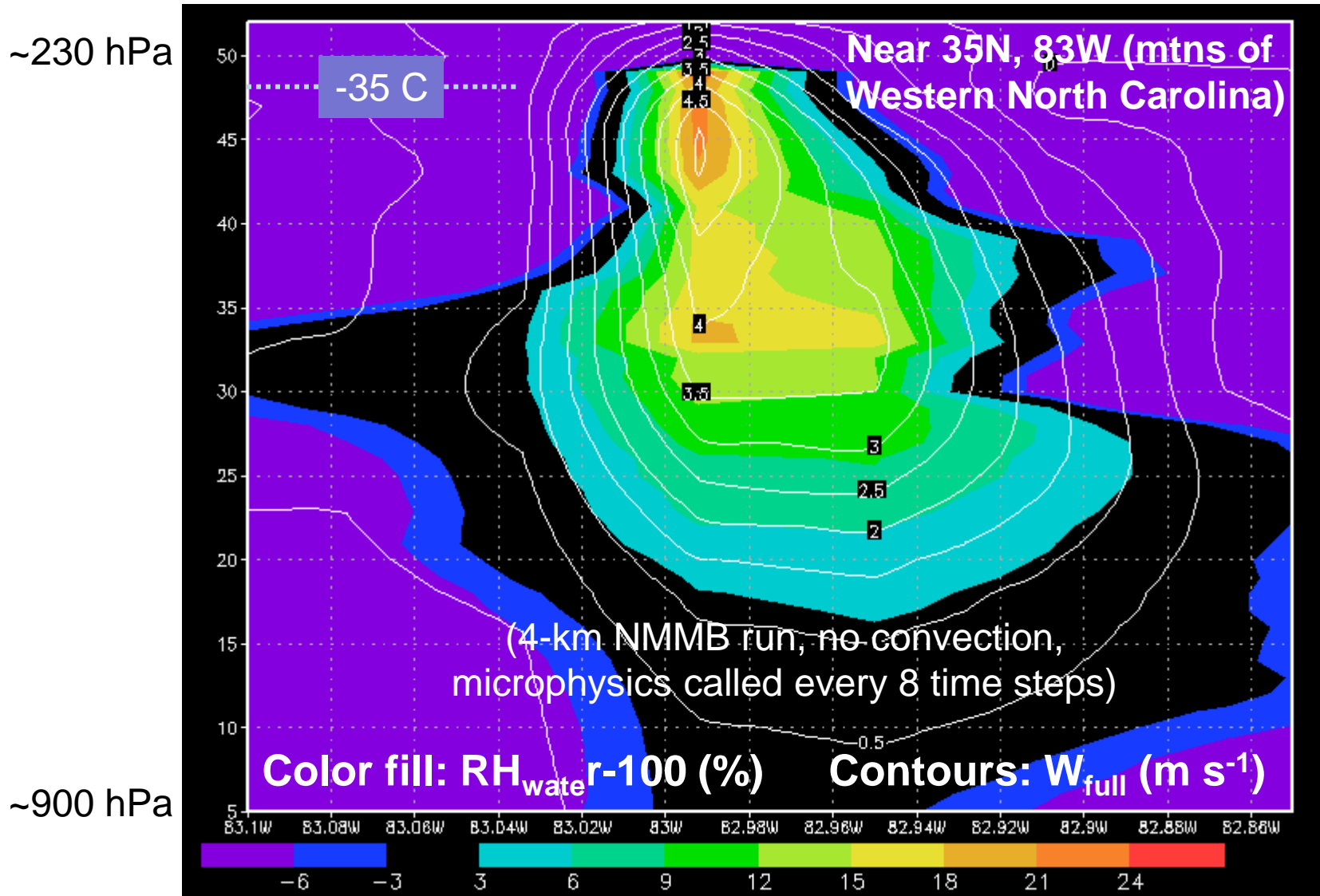
Moist physics and storm intensity

9/17 15:10 – 17:00 Discussion

Talking points

- Convection
 - Do we really need to parameterize it?
 - Interaction between convection and microphysics.
- PBL
 - Definition of PBL in strong convective region?
- Physics
 - What are the harms of calling physics less frequently?
 - Treatment of snow, graupel, etc in RRTMG

Frequency of calling physics



(Sfc ~945 hPa)

(Courtesy Eric Aligo)

continued

- Surface layer
 - What about heat fluxes in strong wind situations?
- The relationship of physics to model dynamics.
- What does it take to improve intensity forecasts?