Atmos 5300

Review, Dec 9, 2020

- Can you print a plot for the exam?
- You can each ask for one hint during the exam via private chat.

- Winter time BL
 - Compare <u>soundings</u> and <u>diurnal cycle</u> SLC now vs Sep.
 - What would happen with a snow covered valley?
 - What happens if BL becomes cloud-capped?
 - What does it take to ventilate the CAP?
- Surface layer wind profiles
 - How to determine z0? What if SL is not neutral?
 - How do variations in stability (and L) affect the profile?









奈 🕒 44% 🛃

Temperature, Dew Point & Humidity

Pinch the chart to zoom in



(Click to hide)

- Temperature - Dewpoint - Rel Humidity

%







Insert sequences of soundings here



Insert wind profiles with different L, for same u* and zo

Insert wind profiles with different u*, for same L and zo







