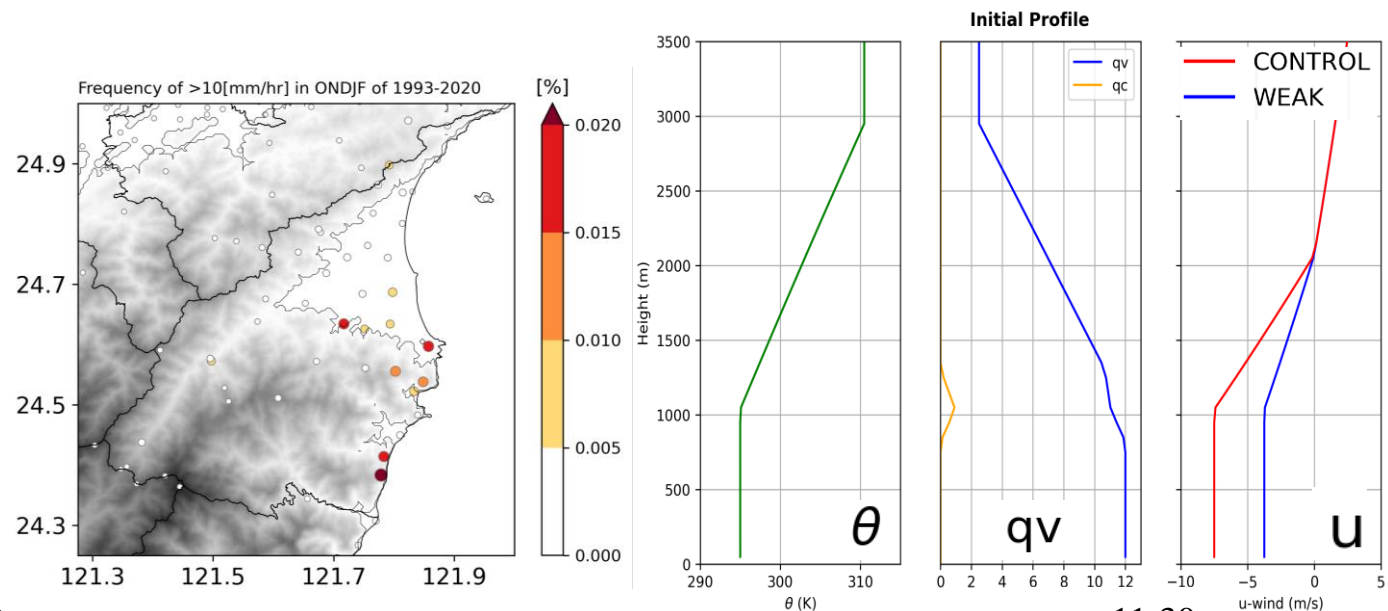
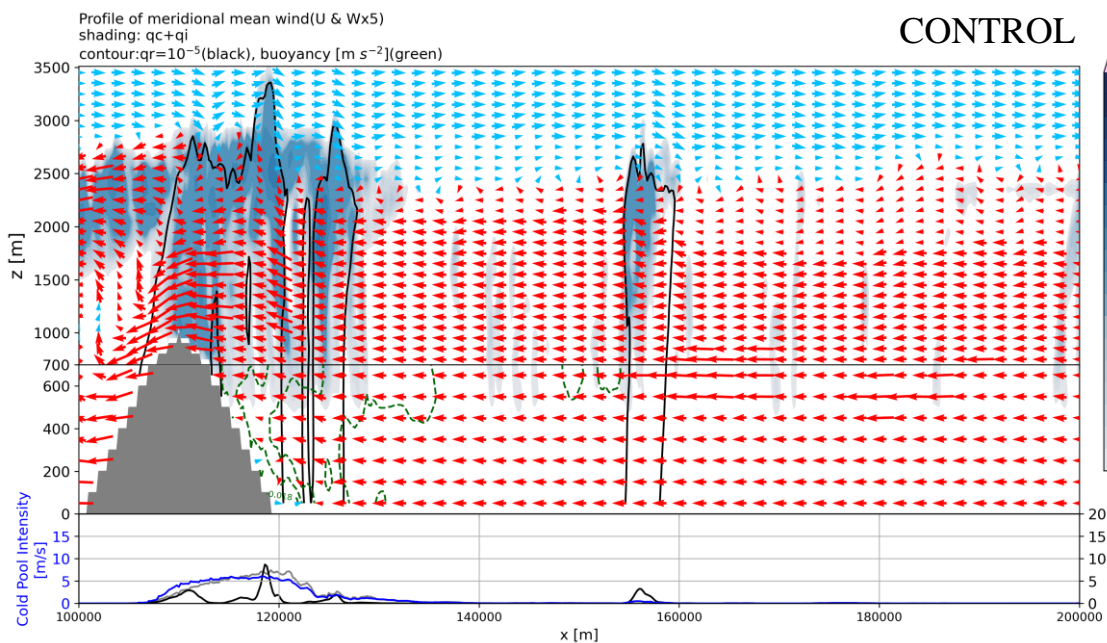


## Investigating the heavy precipitation over complex topography in the stratocumulus-dominated environment using idealized large-eddy simulations

- Heavy precipitation (10 mm/hr) happens near the topography in the stratocumulus-dominated environment at NE of Taiwan
- Interaction between moist cloud-topped boundary layer and the topography may intensify the precipitation (Su et al. 2022)
- The comparison between cold pool and background wind speed determines the evolution of precipitation hotspot
- Ongoing: detect the cold pools from observation data



11:30  
CONTROL



11:30  
WEAK

