

## Main findings in coastal stratus:

- Drizzle is nearly ubiquitous, at very low rates, in unbroken stratus with cloud droplet concentrations ranging from  $180 \text{ cm}^{-3}$  to  $800 \text{ cm}^{-3}$ .
- There is evidence for the upward transport of drizzle drops. Cloud droplet concentration is also positively correlated with  $w$ , but it is offset by a negative correlation with mean droplet size. LWC doesn't correlate with  $w$ .
- Reflectivity values in dBZ are normally distributed at fixed altitudes, with  $\sigma=4-8 \text{ dBZ}$ .
- Echoes show trail-like and cellular patterns in vertical sections, but have highly irregular fluted shapes in horizontal sections.
- Downward moving diluted regions existed near cloud tops, most likely induced by wind shear in the absence of thermodynamic entrainment instability.