

Supplementary material:

Figure S3: Aircraft vertical profiles and estimated boundary layer height

Vertical profiles flown on Nov, 14th, 17th, 19th, 20th, 21st and Dec, 1st and 3rd 2014 (date format is mm/dd). Boundary layer heights were determined using potential temperature (red, bottom x-axis), water (blue, bottom x-axis), CO₂ (back, top x-axis) and CH₄ (green, top x-axis) concentrations. Solid lines represent spiral ascents and dashed lines spiral descents. Dashed horizontal lines represent top of the CBL.



