

Discussion

- Platforms
 - Paposo/Pantanal
 - C130
 - G1
 - R/V Ron Brown
- Measurements
 - PSDs
 - Lidar
 - CW composition
 - PM1 composition

Topics

- Platform synthesis
 - Proxies for analysis of trends
 - e.g. distance from shore
 - compare to MBL evolution?
 - or just dilution?
 - Layers of pollution (FT and Paranal)
 - patchy, episodic “rivers” above MBL; stratified FT
 - include BC, OC, larger 80? nm particles
 - entrainment of 150 nm particles from FT on clear days
 - Pollution sources along coast
 - CO tracer; urban vs. smelters
 - Aerosol modes: 2 kinds of aerosol
 - C130- size varied in FT 30nm volatile, 80-100nm, ref, good CCN, x
 - G1 MBL 50nm, 150m; FT 100 nm; varies with long/dist from shore
 - RHB – Aiken at 80 nm, Accum
 - Accum mode below 120nm (TO) for non-POC very consistent
 - Growth of accum mode or just cloud processing?