

Integrated Datasets (IDs)

Wood/Bretherton proposal

<i>ID</i>	<i>Rationale</i>	<i>Space/Time scale; Location; Platforms</i>	<i>Parameters</i>
Combined Drizzle Dataset (CD-ID)	Collocated precipitation, aerosol and cloud micro- and macrophysical properties	~50 km, 10s of mins; All flight locations; C-130, RHB, other a/c	Precip. rate, LWP, cloud thickness, cloud drop conc., subcloud aerosol size distribution and chemistry
Cross-Section Dataset (XS-ID)	Data on E-W cross-section along 20°S from coast to ~1500 km offshore	~250-1500 km, 6 hr; Along 20°S, 70-85°W; C-130, UK 146, RHB	MBL depth, profiles, z_{cb} , LWP, CF, precip. rate, cloud microphysics (drop conc. and r_e), aerosol size dist. and speciation in/above MBL, Anthropogenic indicators (SO ₂ , CO)
Lagrangian Dataset (Lag-ID)	MBL, aerosol, cloud, drizzle evolution for multiple <i>POC-Drift</i> and polluted Lagrangian flights	Function of time C-130 and other a/c	As for XS-ID, including interpolated reanalysis data