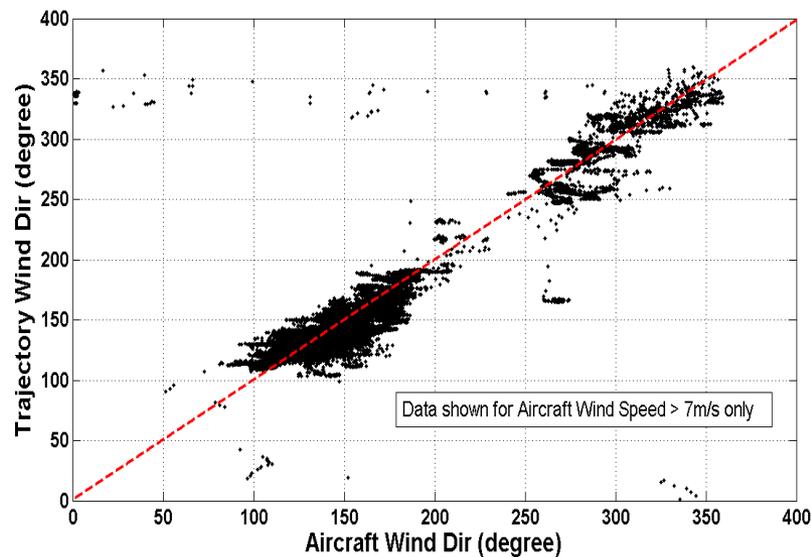
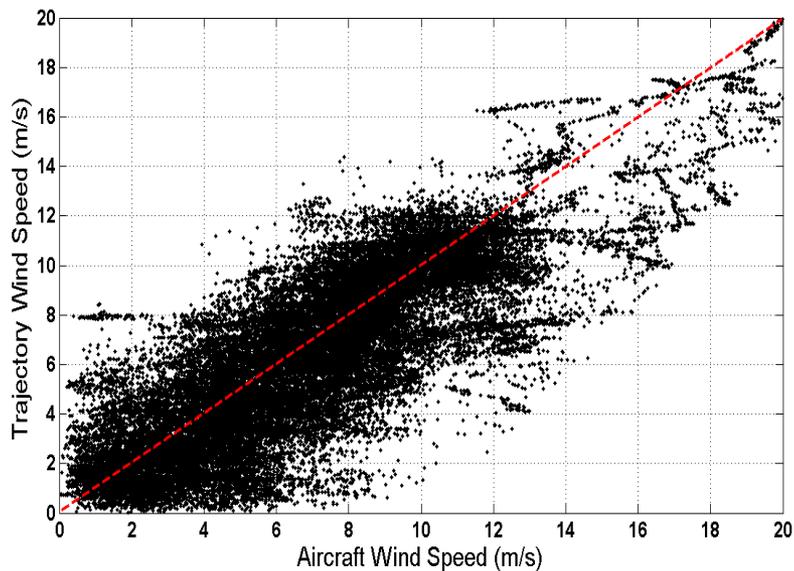
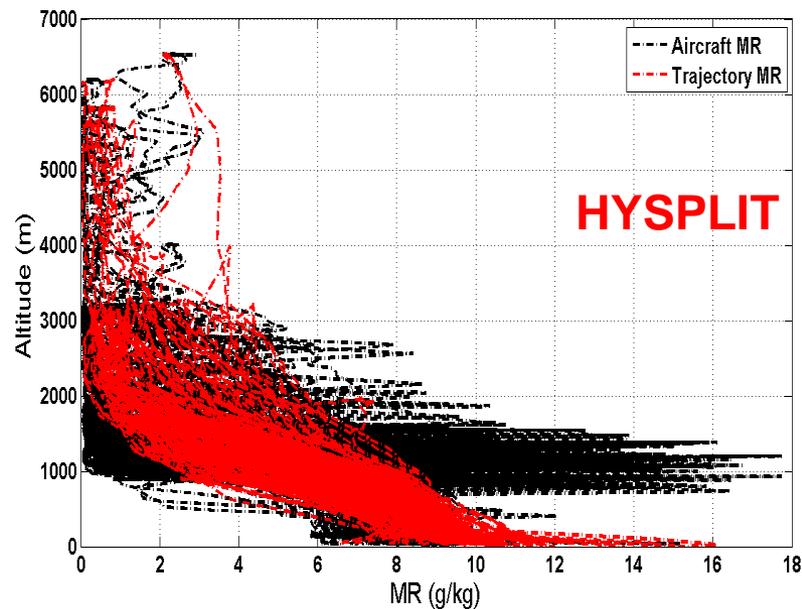
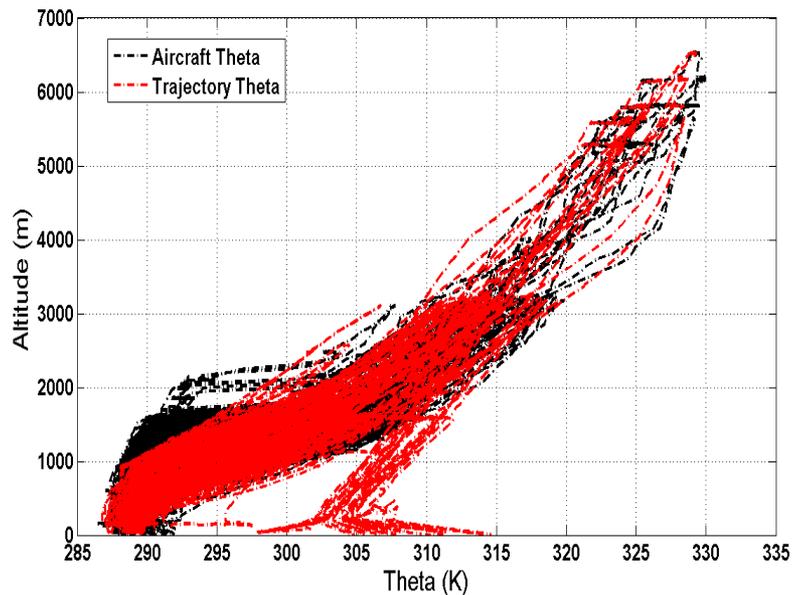


Much lower ratios of Organic to Sulfate for VOCALS, TAO and other data when direct combustion indicators (CO, BC) are constrained to low values compared to Mace Head and other less constrained studies. Either others are contaminated or relations are not linear.

Trajectory Visualizations of In-situ Tracers of Continental Aerosol Sources in Google Earth: Relationships to Aerosol and Clouds over the SEP

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Near coast entrainment profile of above cloud pollution (left) is seen in trajectories as high BCmass with gradient toward the surface (4a) in layer of thiger theta (4b) with origin over the coast (BC red in 4c) and with winds bringing it from SE at ~1000m (4d) where it lies above clean air with southerly flow (dark blue-confirmed on aircraft) at point of sampling (4d). Hence pollution is entraining form aloft into clean southerly flow.

