OAFlux: Objectively analyzed Air-sea heat Fluxes
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\[ Q_{\text{LH}} + Q_{\text{SH}} \] Mean 1988-1997
Development procedure

Input Data Sources
- NCEP reanalysis and ECMWF operational analysis:
  Air humidity and temperature at 2m, surface wind at 10m, SST, sea level pressure
- Satellite retrievals:
  SSMI wind speed at 10m, SSMI air humidity at 10m, AVHRR SST

Weighted Objective Analysis:
combining data from various sources and obtain optimal estimate at the solution

Best estimates of daily flux-related variable fields

COARE bulk flux algorithm (Bradley et al. 2000)

Daily latent and sensible heat fluxes

Validation

References regarding the methodology of the OAFlux analysis and the validation with buoy data:
