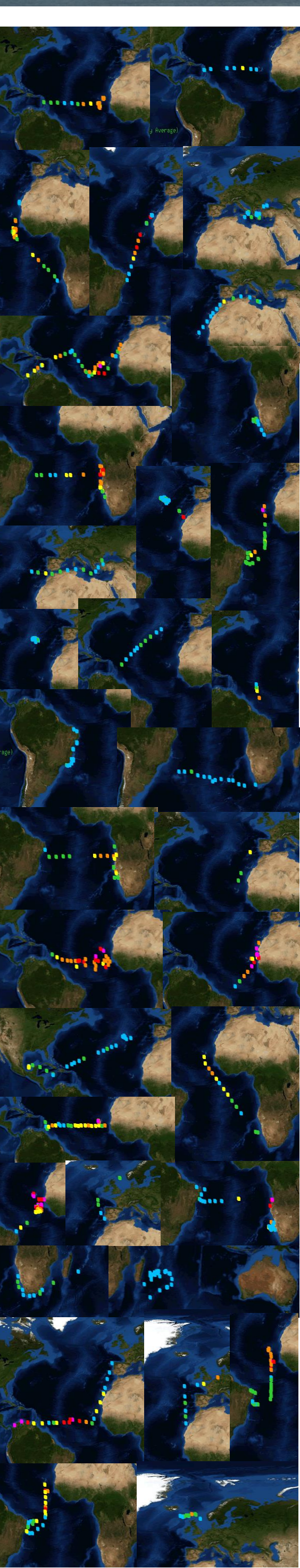
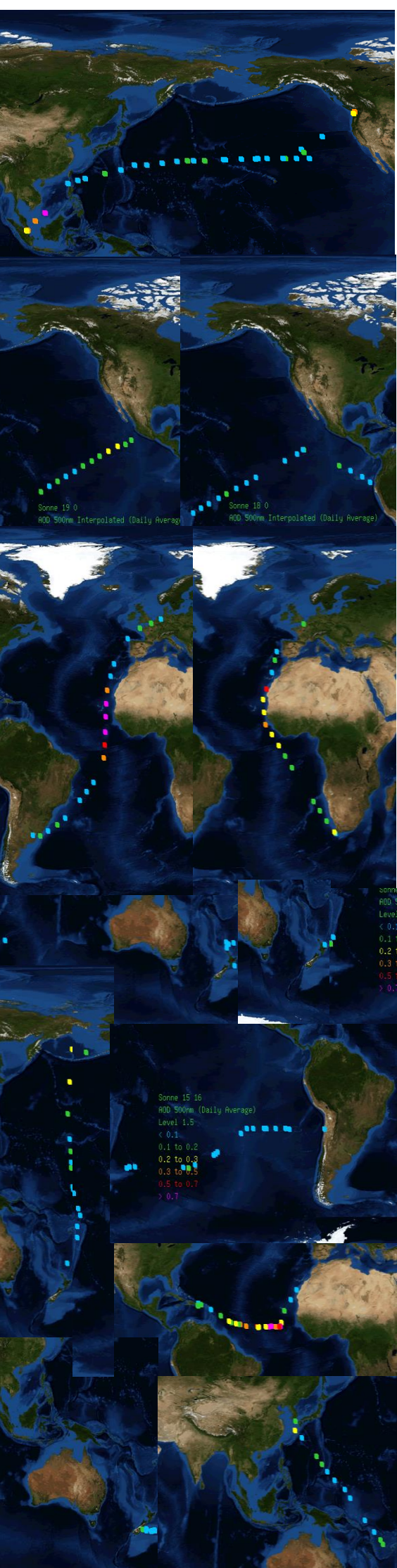


MPI-M / NASA collaborations

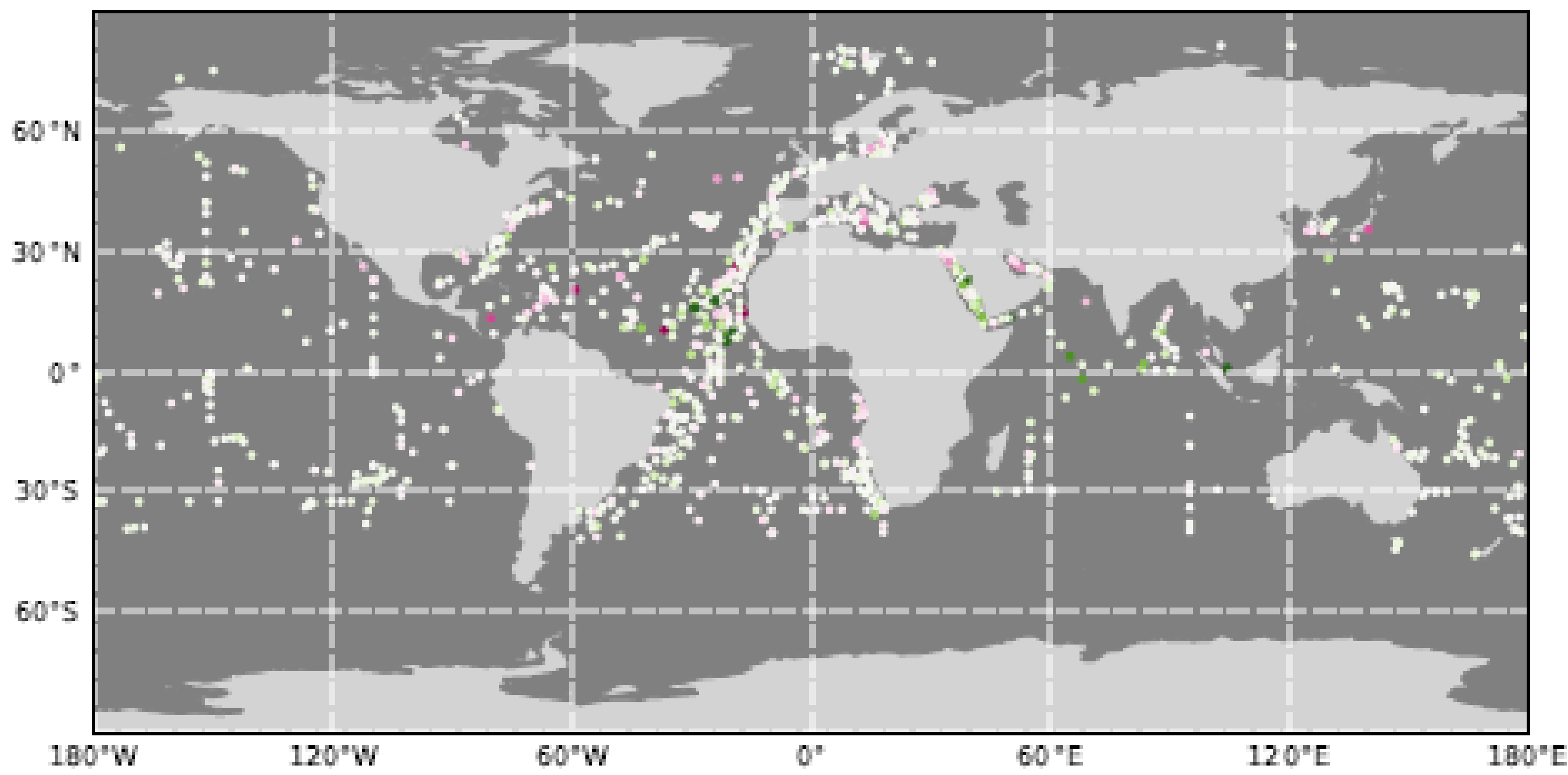
evaluation of satellite AOD retrievals with oceanic reference data

Stefan Kinne, Tobias Machnitzki, Julia Menken

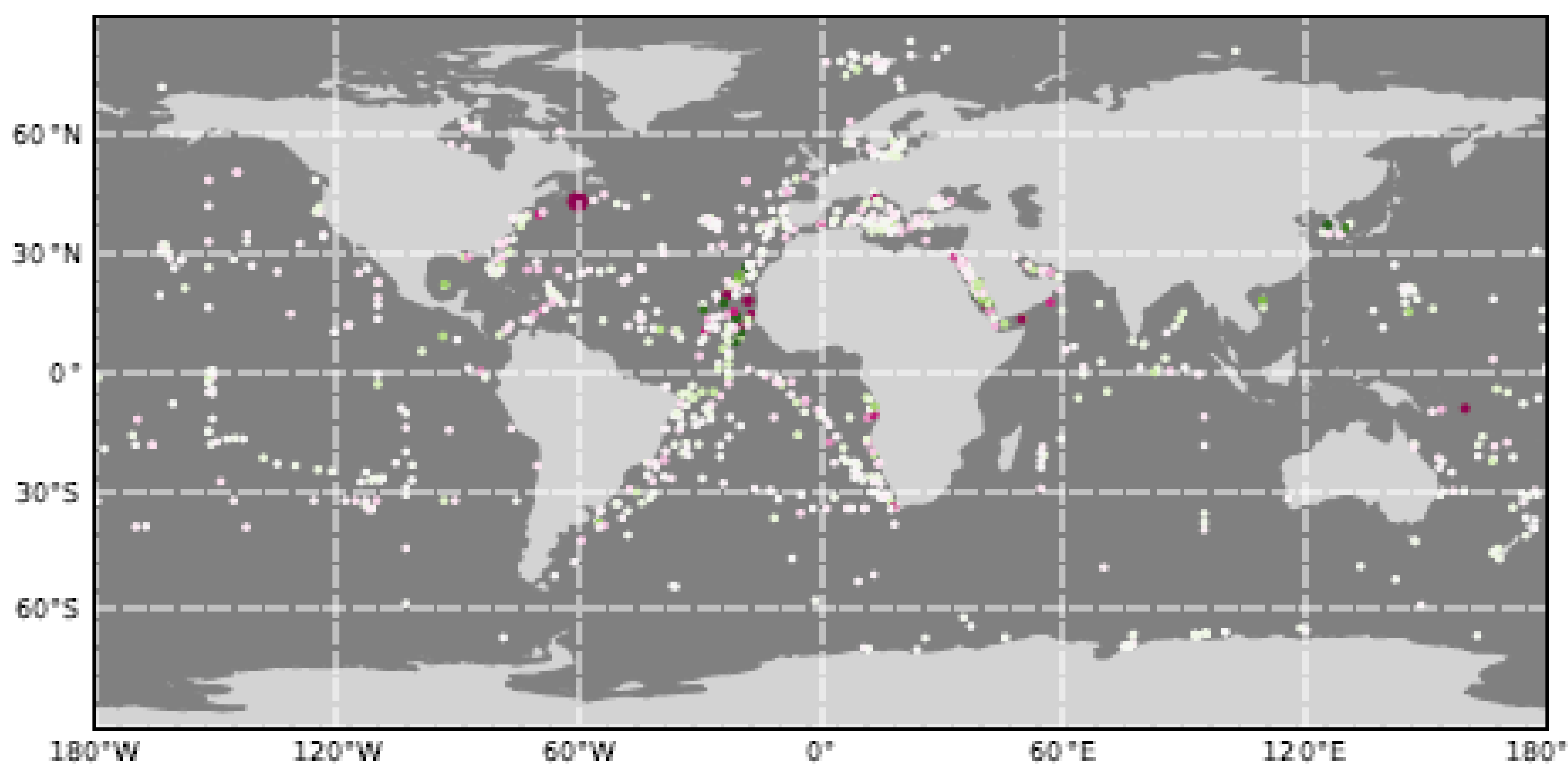
what ? oceanic aerosol references via sun-photometers on German research vessels



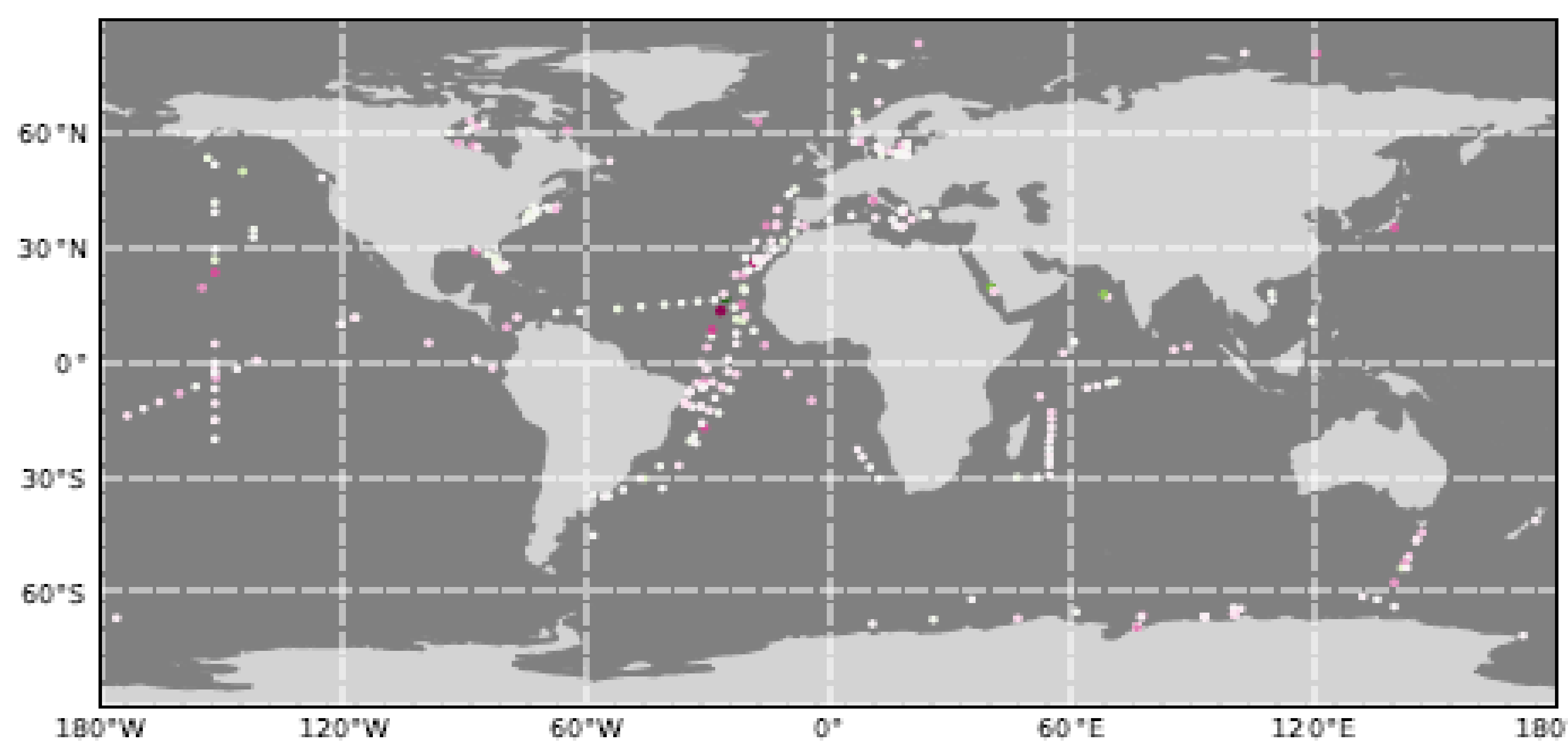
AOD
500nm < 0.1
0.1 < 0.2
0.2 < 0.3
0.3 < 0.5
0.5 < 0.7
> 0.7



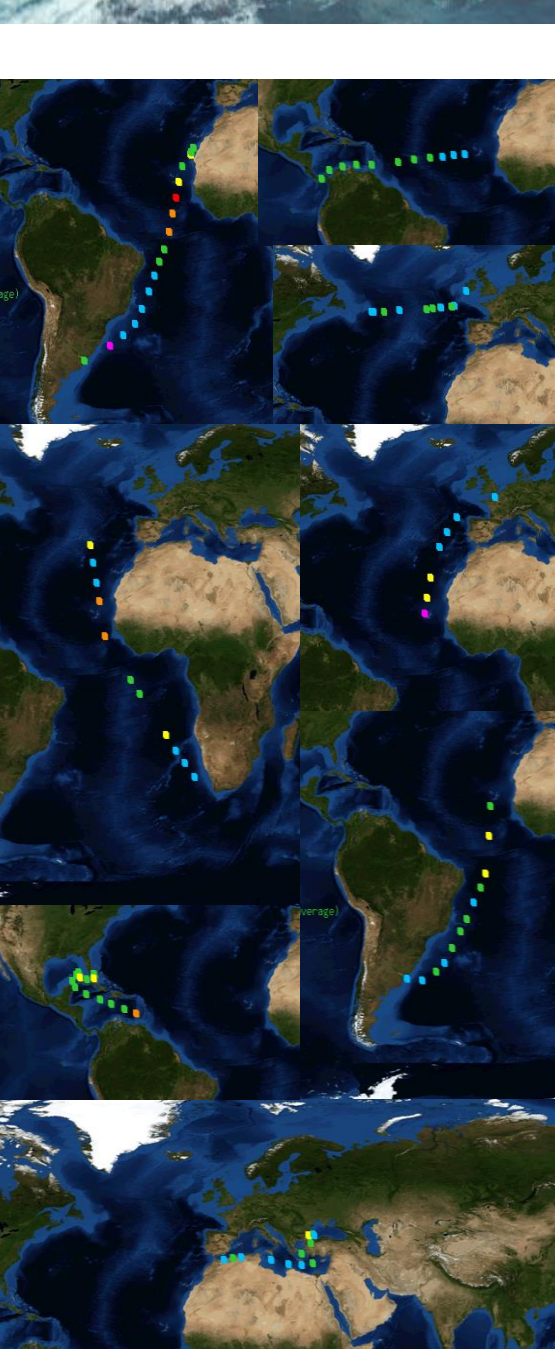
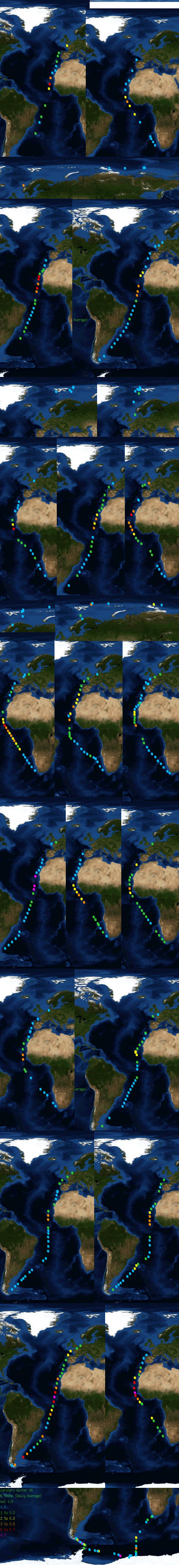
overestimates and underestimates of MODIS AOD retrievals to MAN



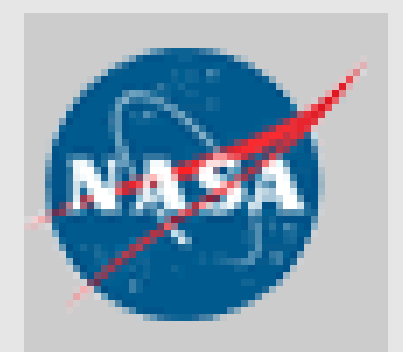
overestimates and underestimates of MISR AOD retrievals to MAN



overestimates and underestimates of VIIRS AOD retrievals to MAN



Max-Planck-Institut
für Meteorologie



http://aeronet.gsfc.nasa.gov/new_web/maritime_aerosol_network.html