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Supplement of

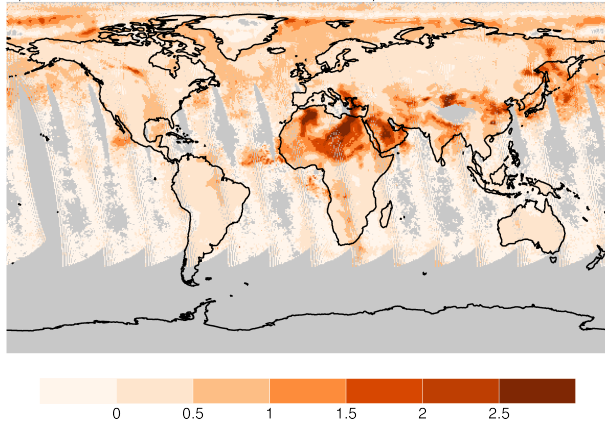
Simulation of the Ozone Monitoring Instrument aerosol index using the NASA Goddard Earth Observing System aerosol reanalysis products

Peter R. Colarco et al.

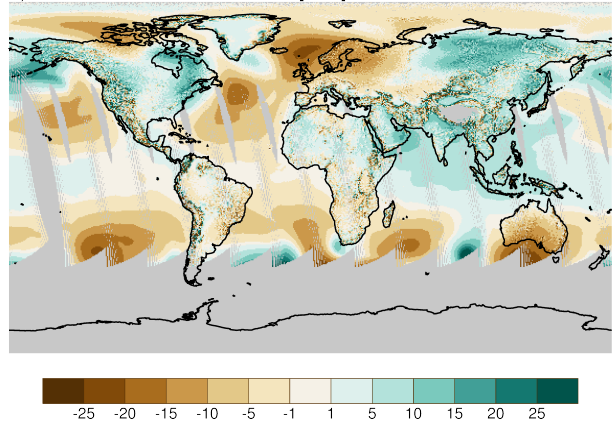
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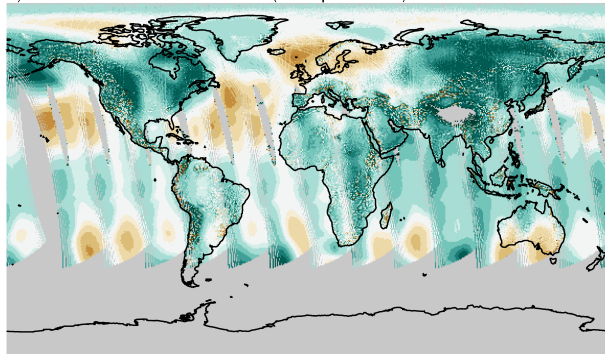
a) MERRAero Aerosol Index (20070605)



b) Surface Pressure Difference [hPa]: OMAERUV - MERRAero



c) AI Difference: OMAERUV (own pressure) - MERRAero



d) AI Difference: OMAERUV (MERRAero pressure) - MERRAero

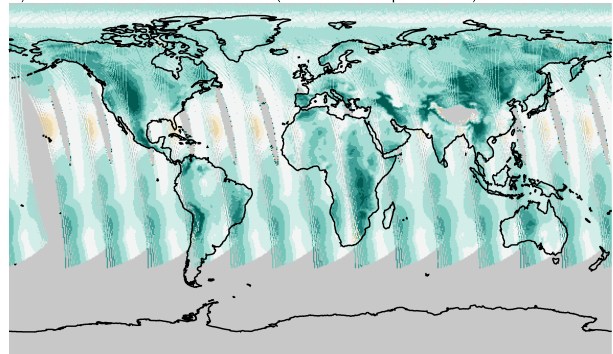
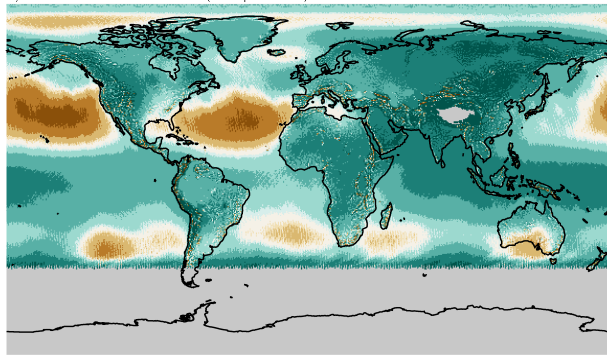


Figure S1: As in Figure 1, for June 5, 2007, but including all surface pressures.

a) AI Difference: OMAERUV (own pressure) - MERRAero June 2007



b) AI Difference: OMAERUV (MERRAero pressure) - MERRAero June 2007

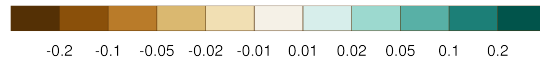
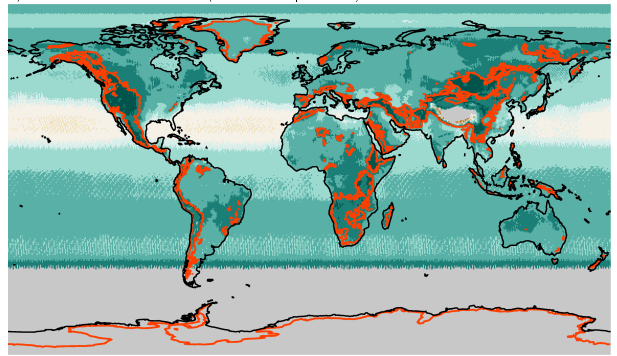
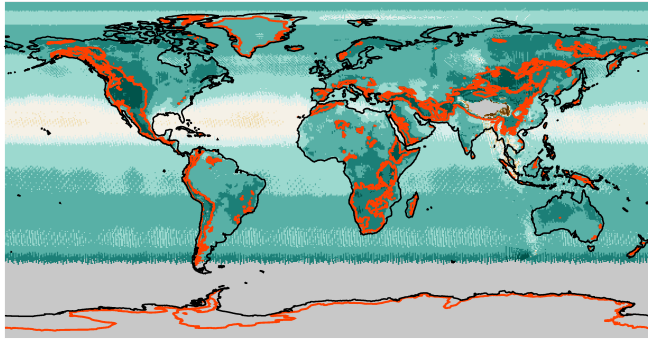
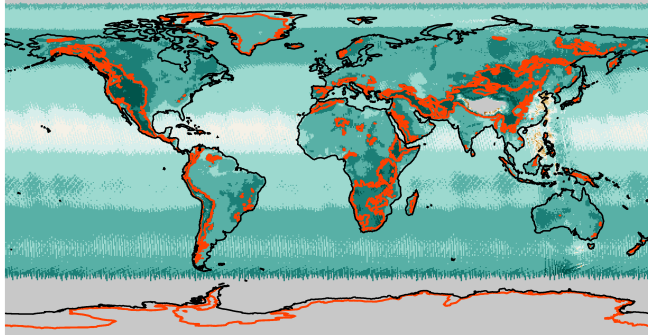


Figure S2: As in Figure 3 for June 2007, but including all surface pressures.

a) AI Difference: OMAERUV (MERRAero pressure) - MERRAero July 2007



b) AI Difference: OMAERUV (MERRAero pressure) - MERRAero August 2007



c) AI Difference: OMAERUV (MERRAero pressure) - MERRAero September 2007

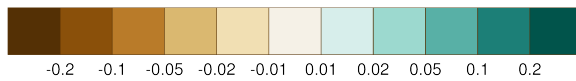
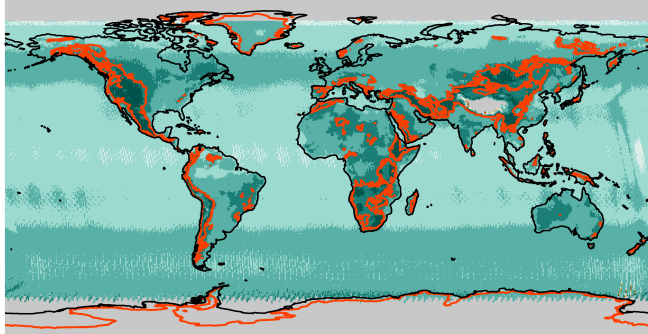


Figure S3: As in Figure 4, but including all surface pressures.