Simulation of the Ozone Monitoring Instrument Aerosol Index using the NASA Goddard Earth Observing System Aerosol Reanalysis Products

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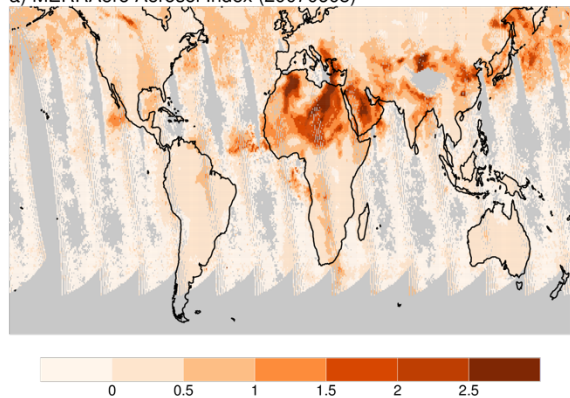[4]Science Systems and Applications Inc., Lanham, MD, 20706, USA
[5]Global Modeling and Assimilation Office, NASA Goddard Space Flight Center, Greenbelt, MD, 20770, USA
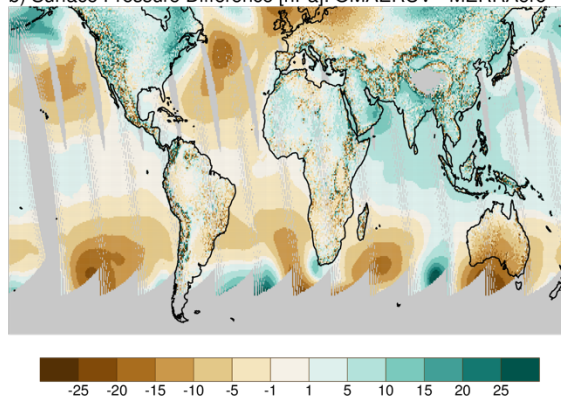[6]GESTAR/Universities Space Research Association, Columbia, MD, 21046, USA

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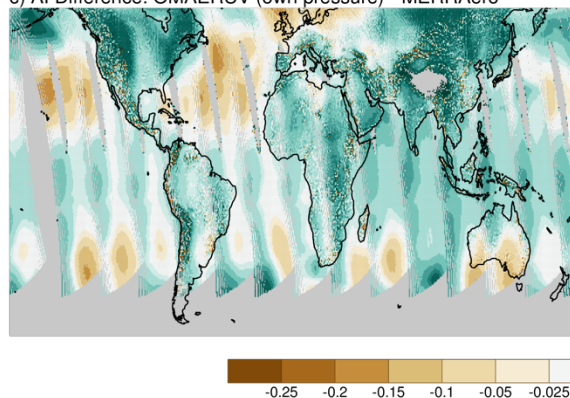
Supplementary figures

1

a) MERRAero Aerosol Index (20070605)

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

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

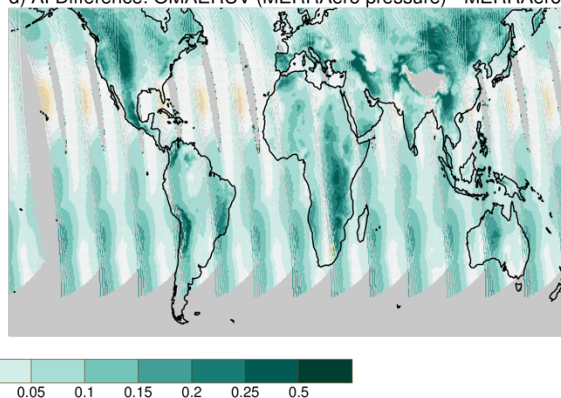d) AI Difference: OMAERUV (MERRAero pressure) - MERRAero

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

-0.2 -0.1 -0.05 -0.02 -0.01 0.01 0.02 0.05 0.1 0.2
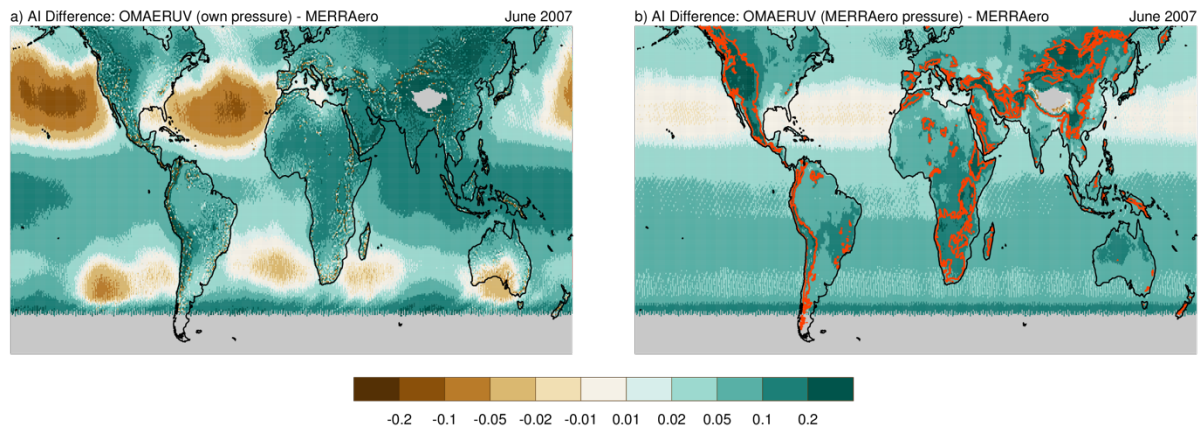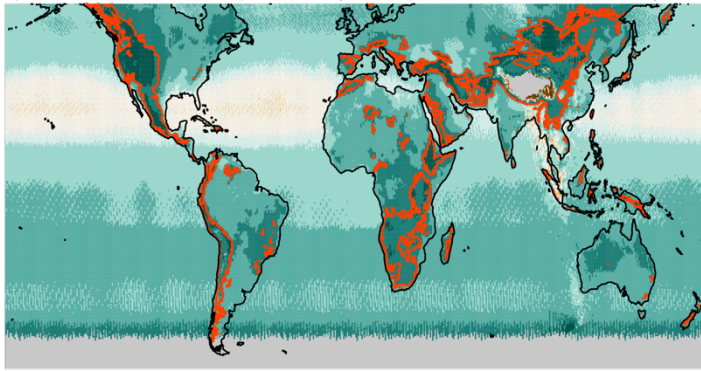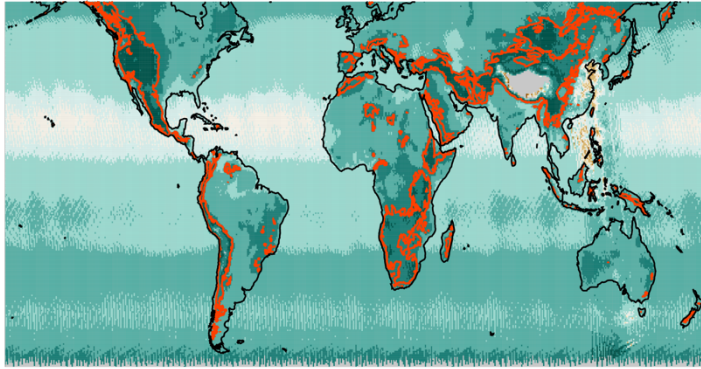
Figure S2: As in Figure 3 for June 2007, but including all surface pressures.

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

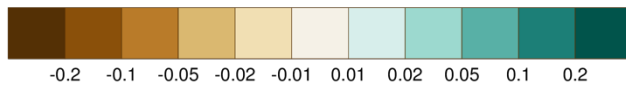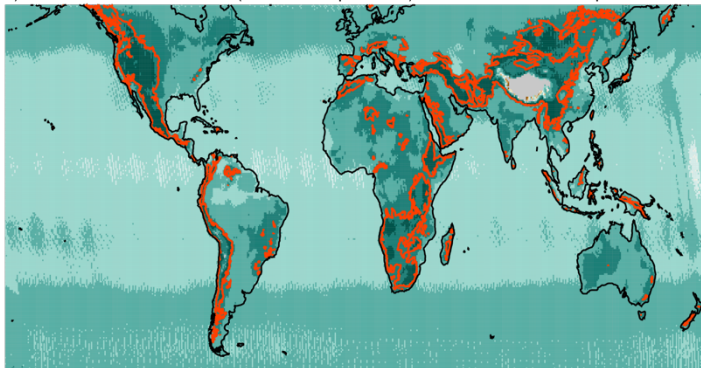-0.2   -0.1   -0.05   -0.02   -0.01   0.01   0.02   0.05   0.1   0.2

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

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