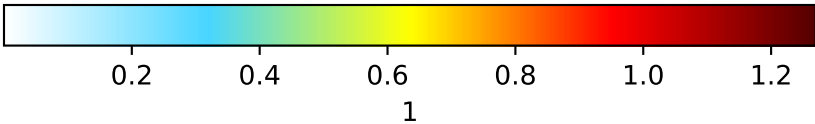
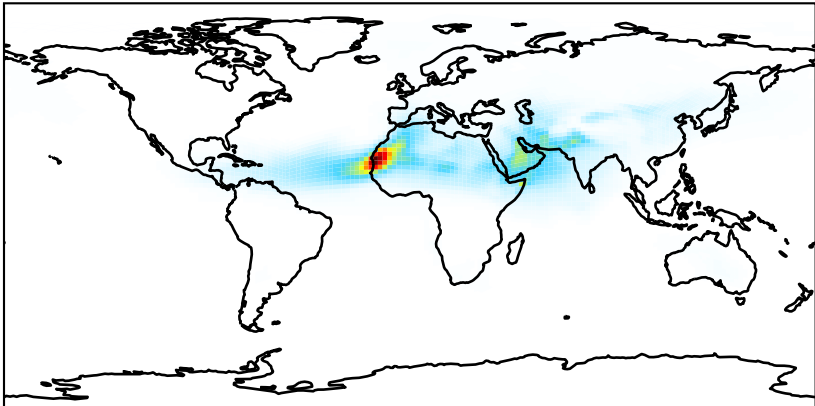
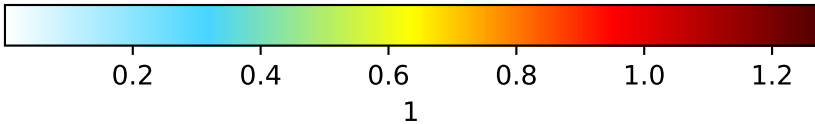
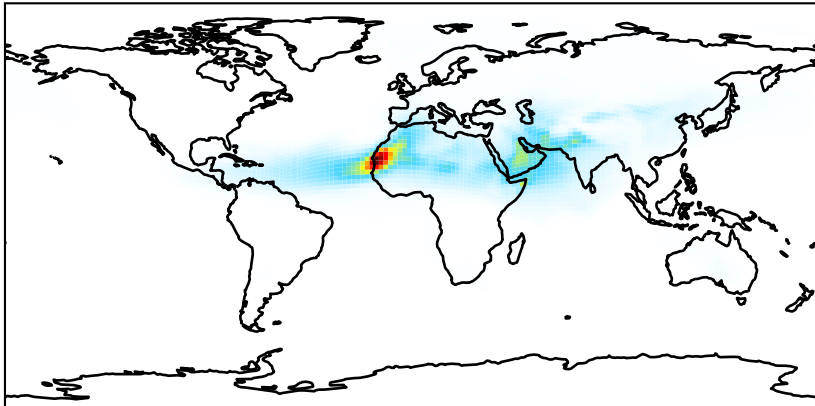


Column_AOD_Dust

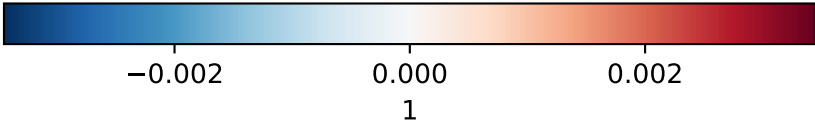
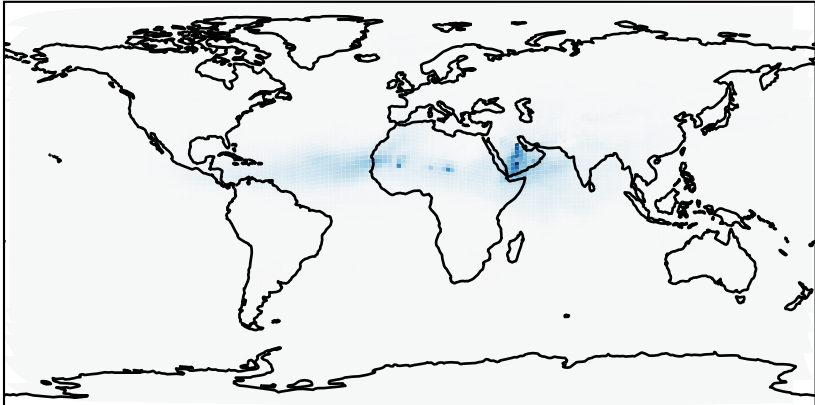
GCHP_13.3.0-rc.1 (Ref)
c48



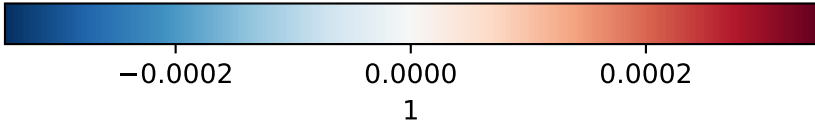
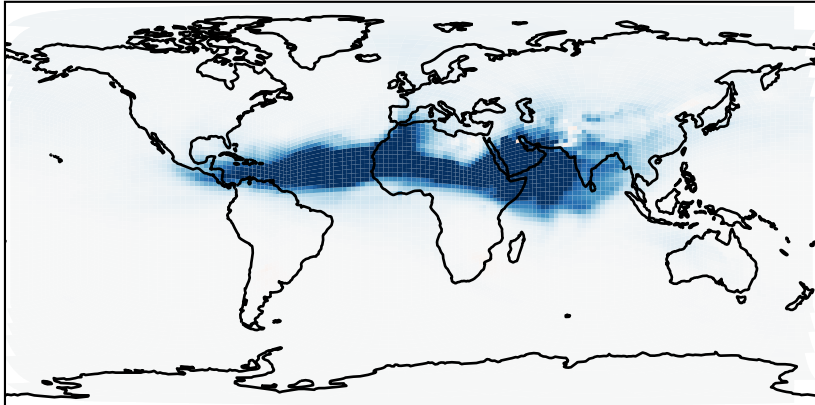
GCHP_13.4.0-rc.4 (Dev)
c48



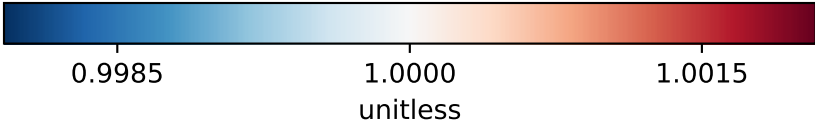
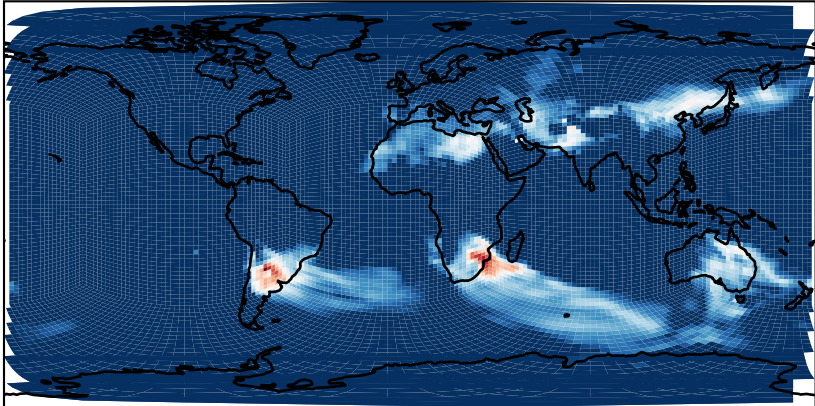
Difference
Dev - Ref, Dynamic Range



Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

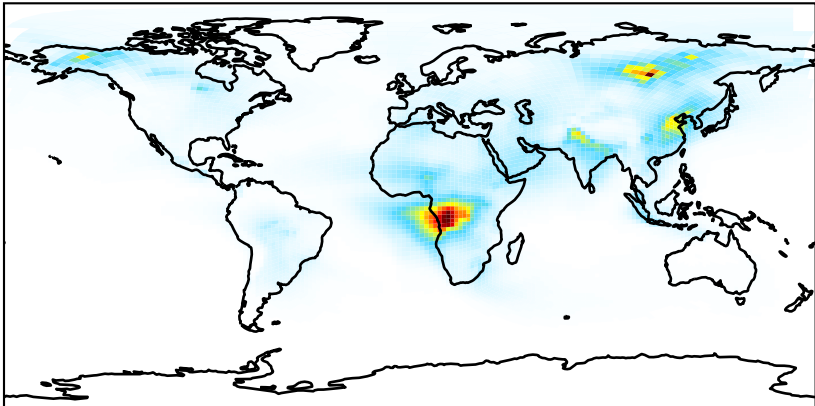


Ratio
Dev/Ref, Fixed Range

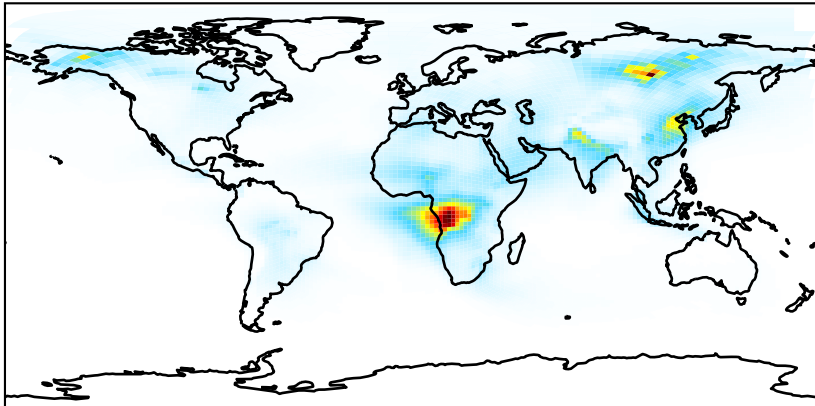


Column_AOD_BCPI

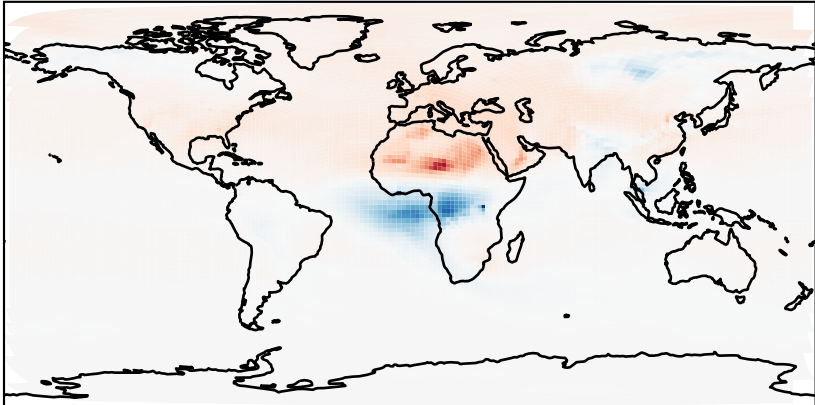
GCHP_13.3.0-rc.1 (Ref)
c48



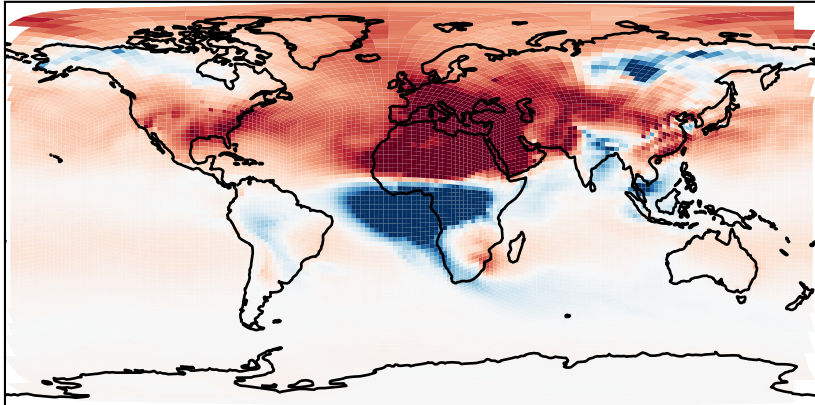
GCHP_13.4.0-rc.4 (Dev)
c48



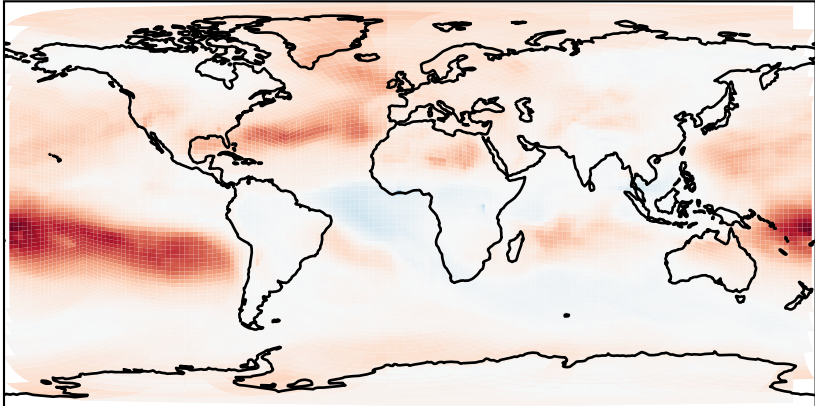
Difference
Dev - Ref, Dynamic Range



Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

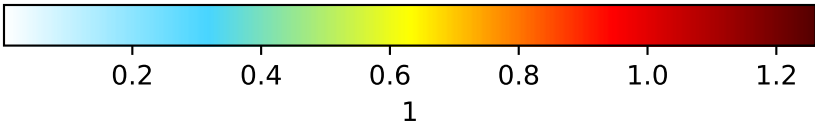
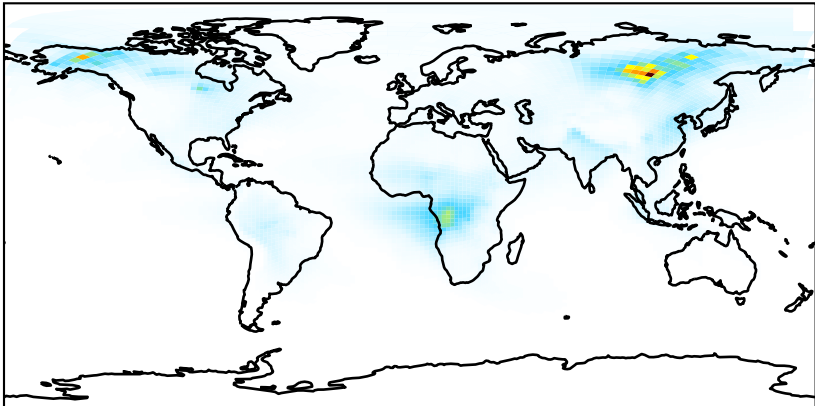


0.96 0.99 1.02 1.05
unitless

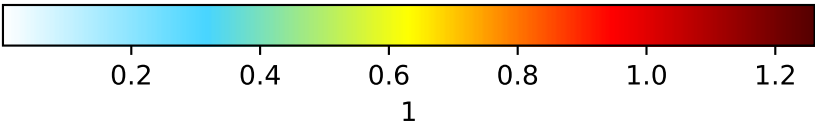
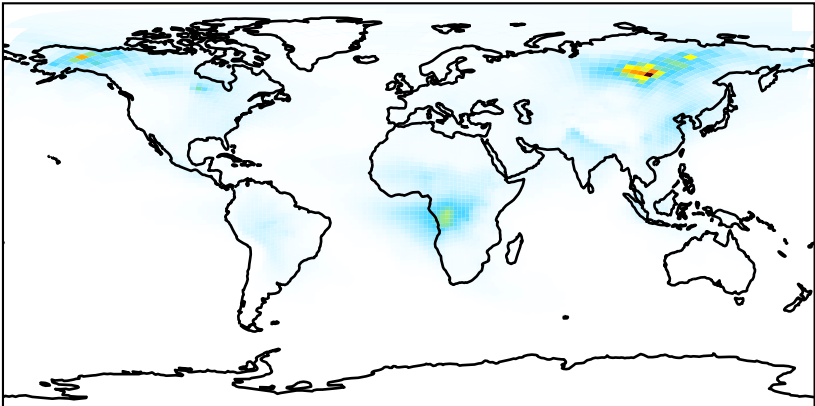
0.50 0.75 1.00 1.50 2.00
unitless

Column_AOD_OCPI

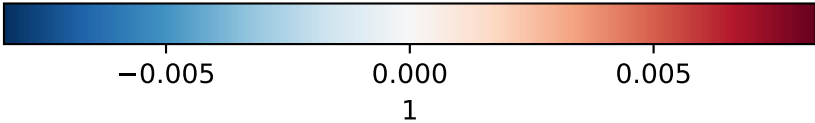
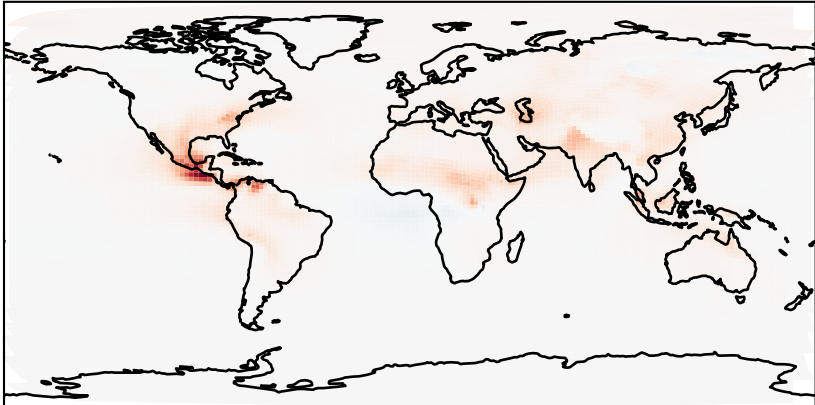
GCHP_13.3.0-rc.1 (Ref)
c48



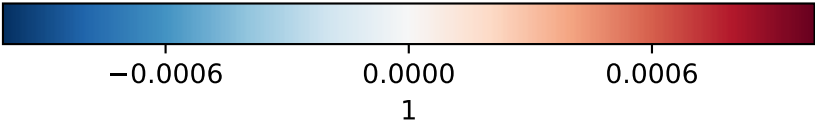
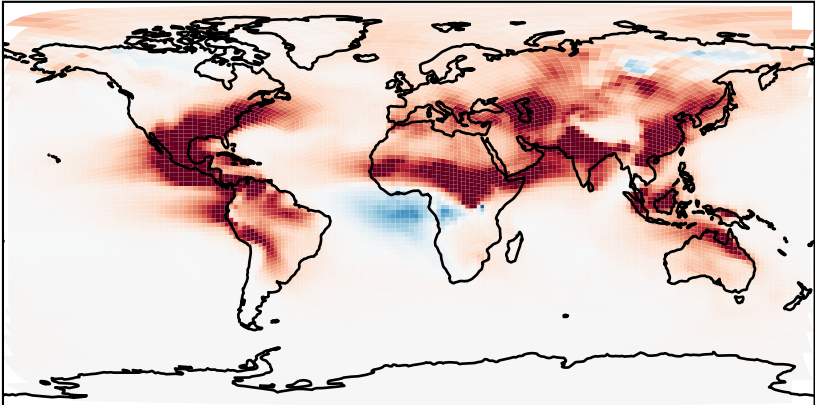
GCHP_13.4.0-rc.4 (Dev)
c48



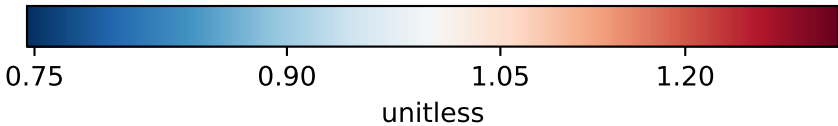
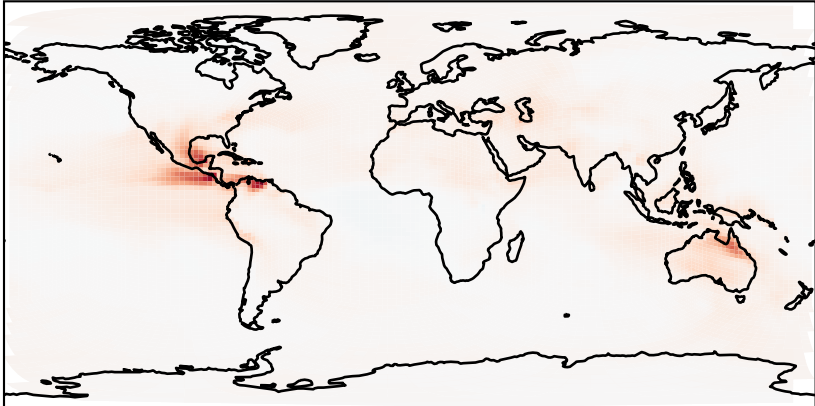
Difference
Dev - Ref, Dynamic Range



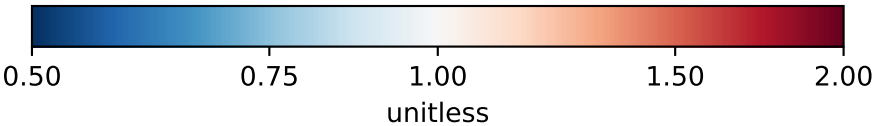
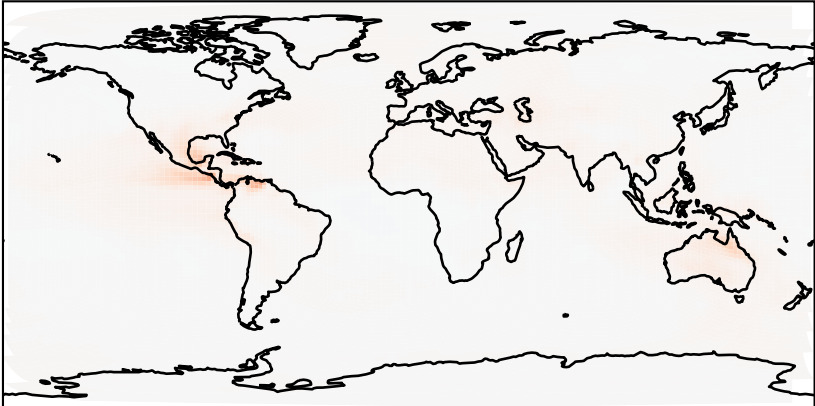
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

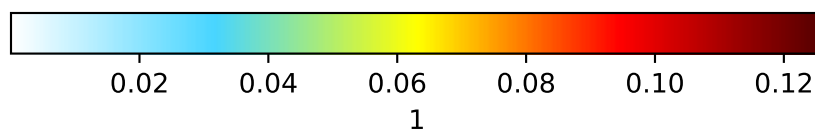
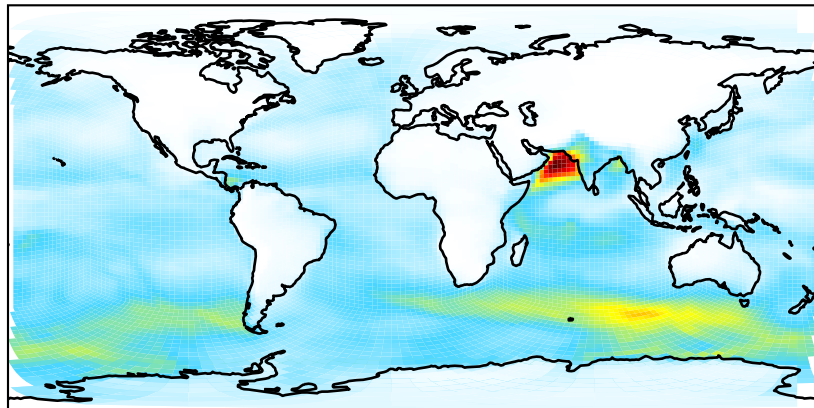


Ratio
Dev/Ref, Fixed Range

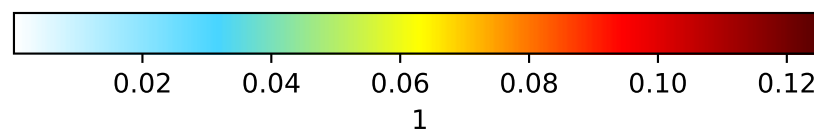
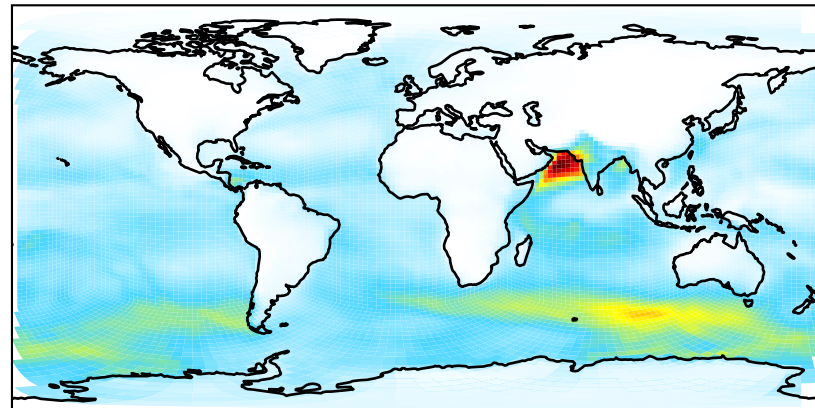


Column_AOD_SALA

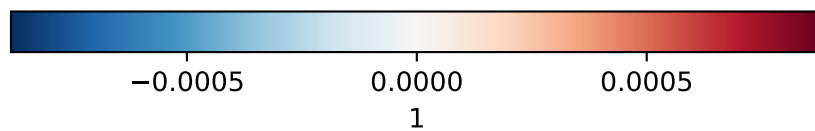
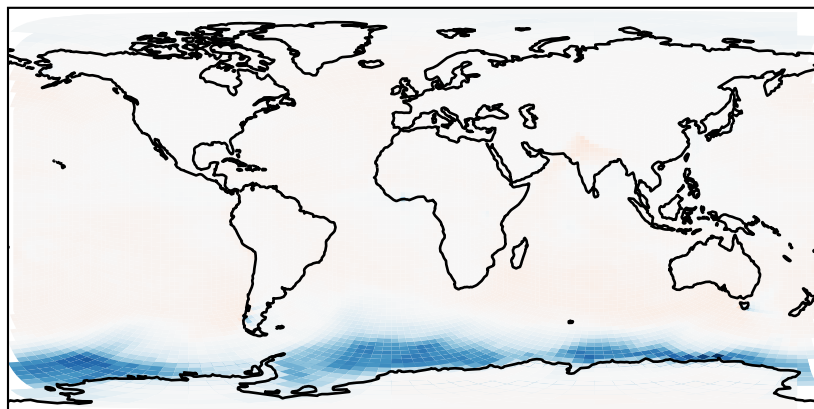
GCHP_13.3.0-rc.1 (Ref)
c48



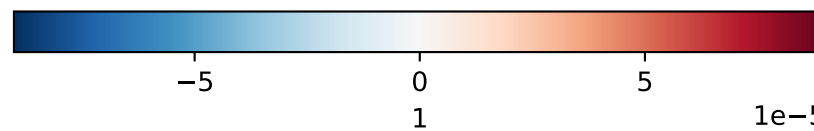
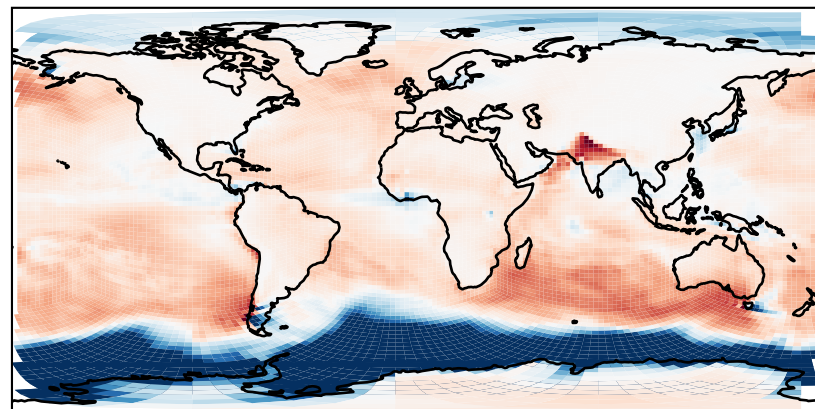
GCHP_13.4.0-rc.4 (Dev)
c48



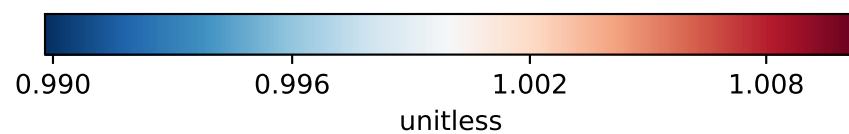
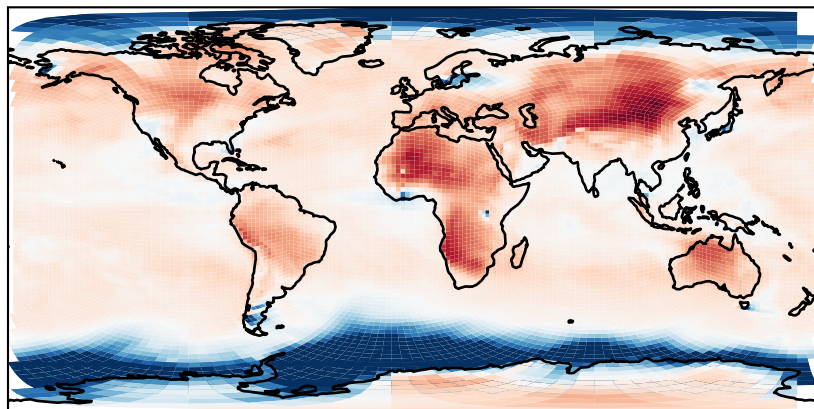
Difference
Dev - Ref, Dynamic Range



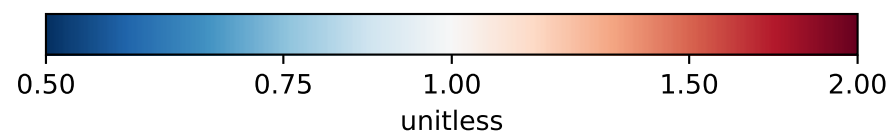
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

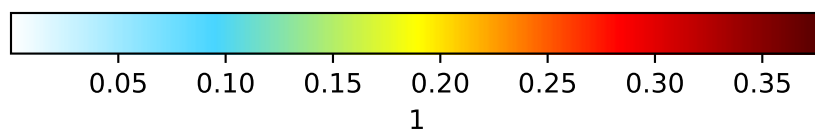
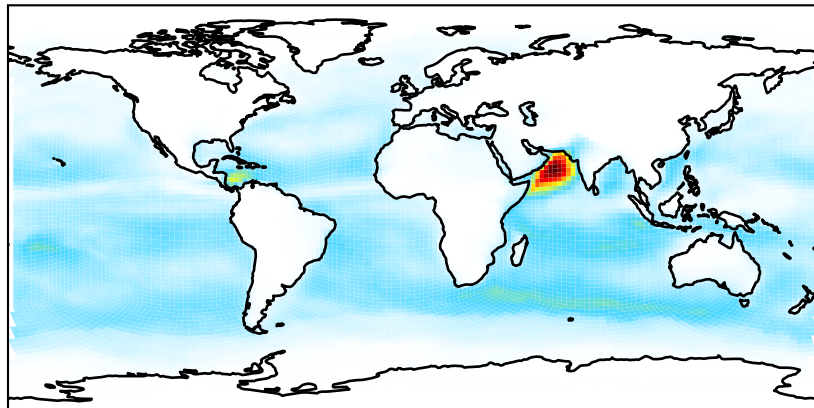


Ratio
Dev/Ref, Fixed Range

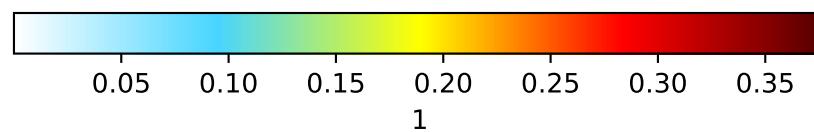
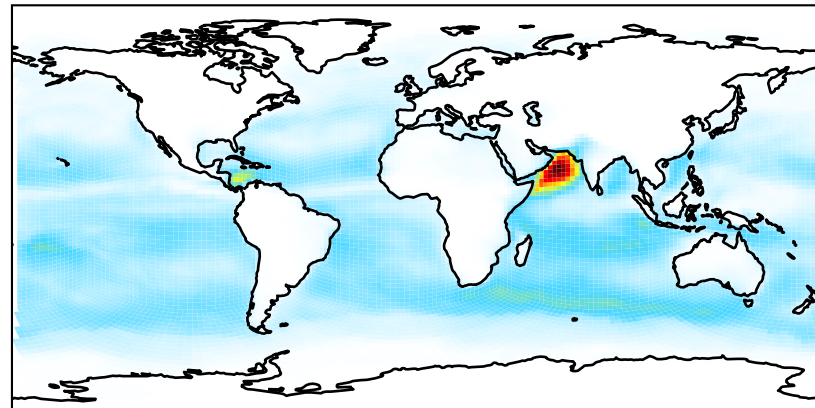


Column_AOD_SALC

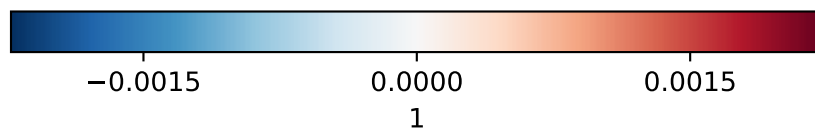
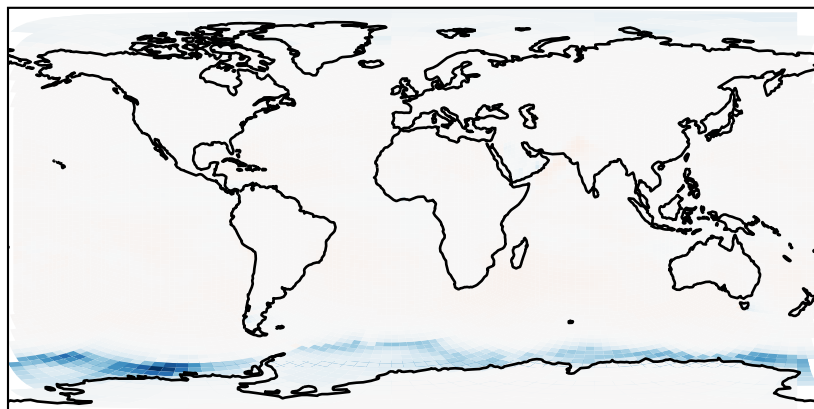
GCHP_13.3.0-rc.1 (Ref)
c48



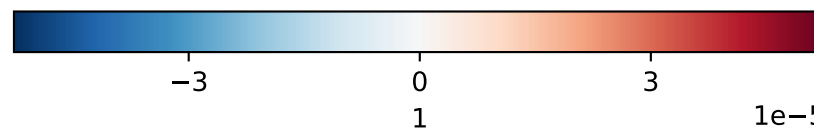
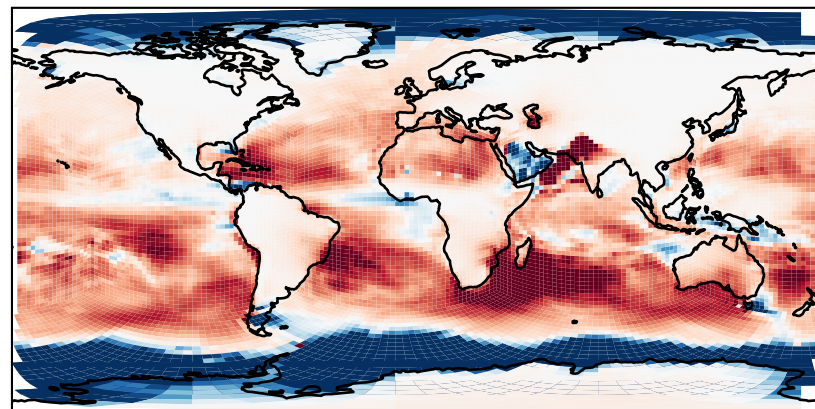
GCHP_13.4.0-rc.4 (Dev)
c48



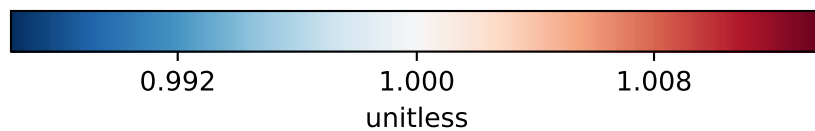
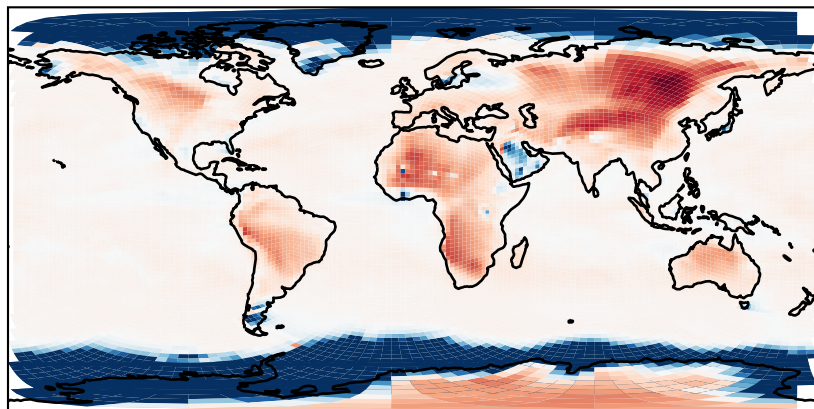
Difference
Dev - Ref, Dynamic Range



Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

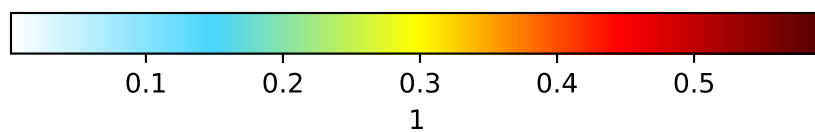
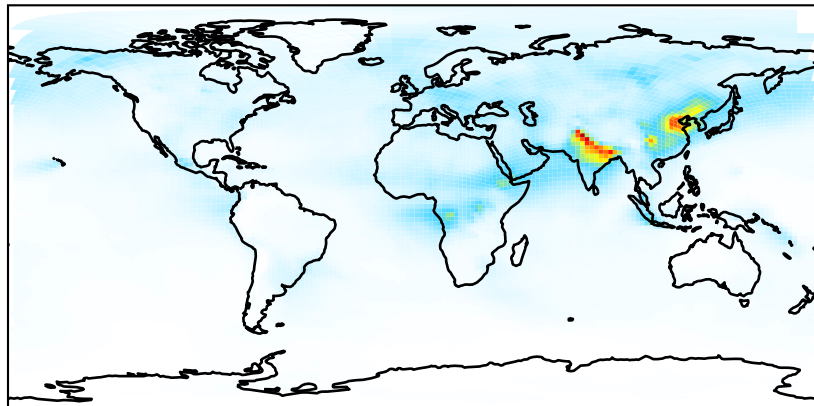


Ratio
Dev/Ref, Fixed Range

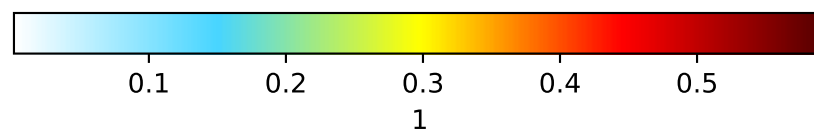
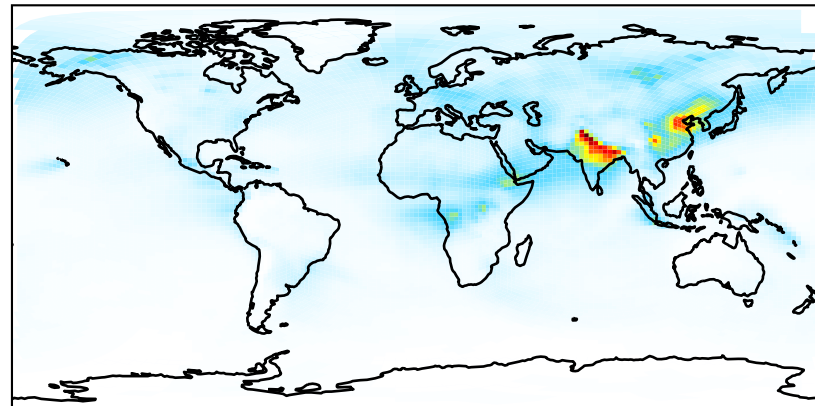


Column_AOD_SO4

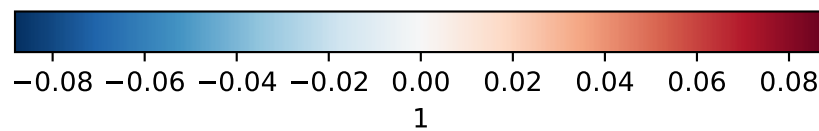
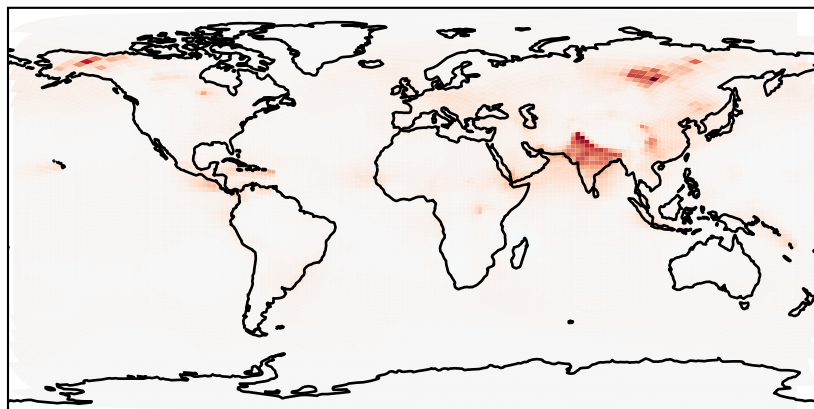
GCHP_13.3.0-rc.1 (Ref)
c48



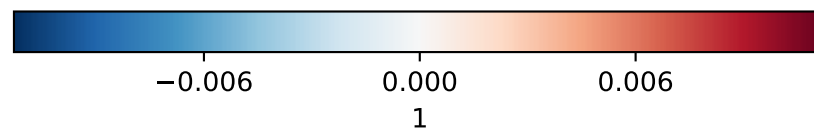
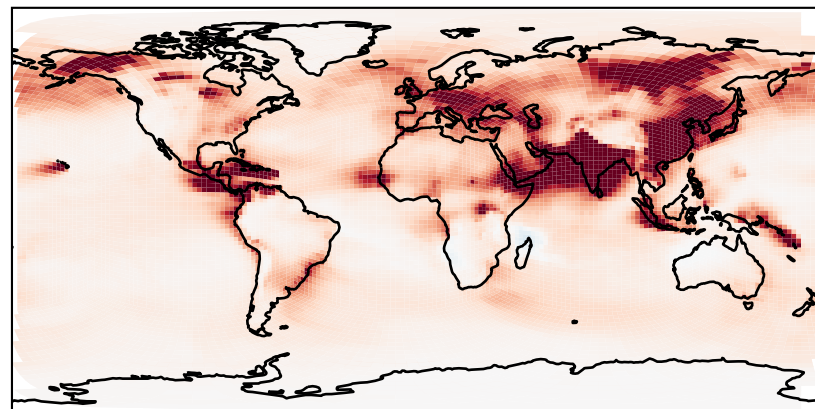
GCHP_13.4.0-rc.4 (Dev)
c48



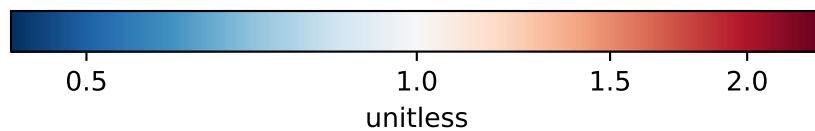
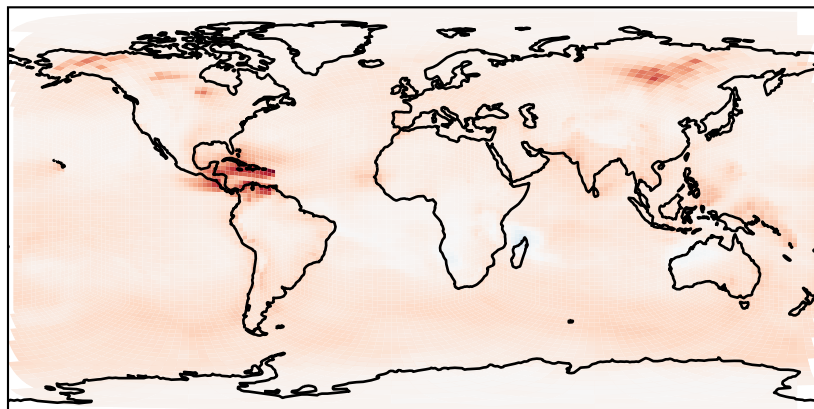
Difference
Dev - Ref, Dynamic Range



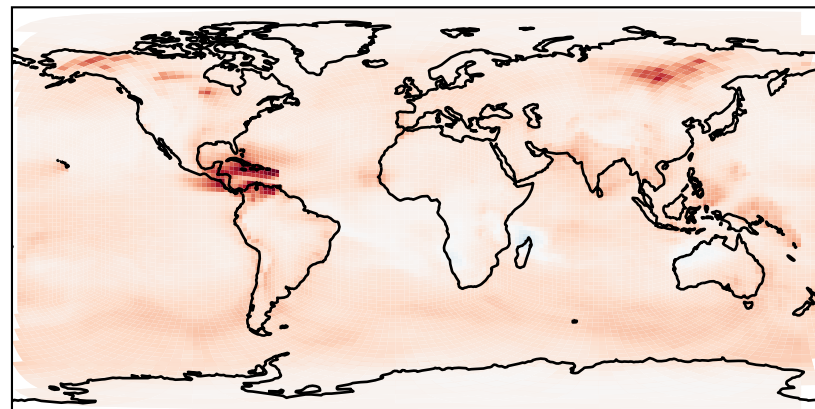
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

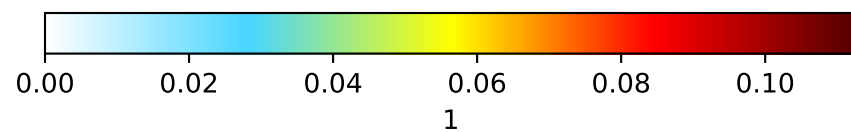
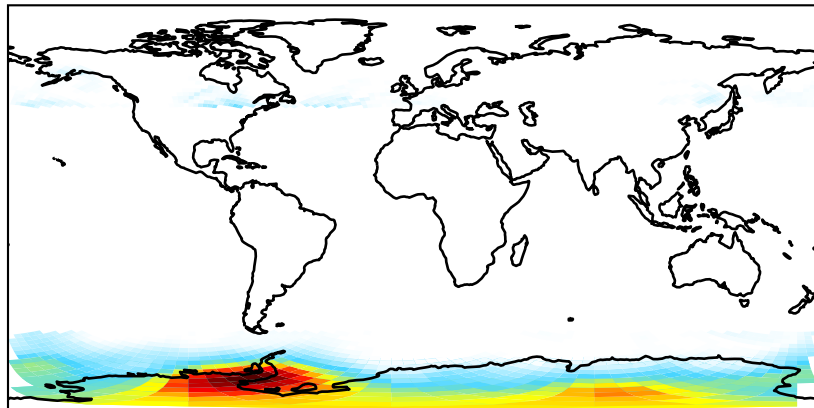


Ratio
Dev/Ref, Fixed Range

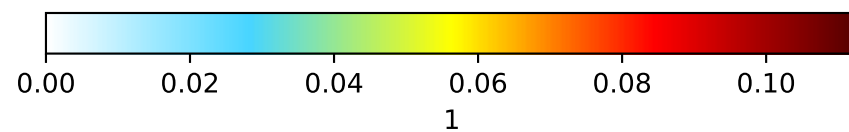
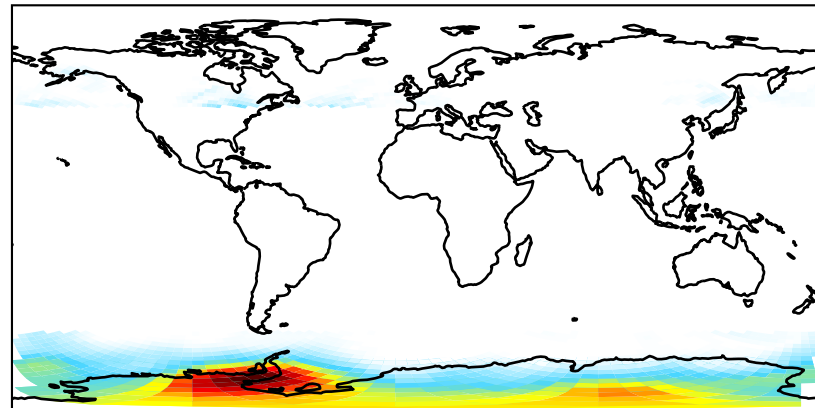


Column_AOD_Polar_Strat_Cloud

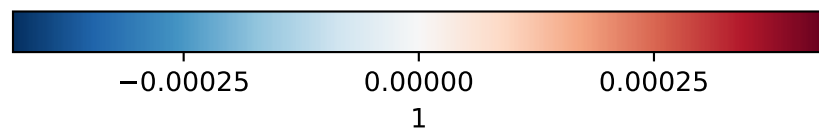
GCHP_13.3.0-rc.1 (Ref)
c48



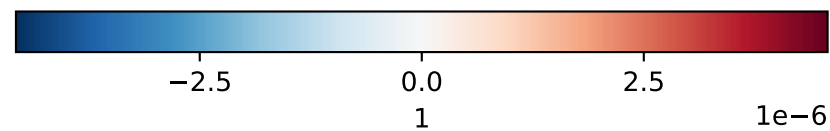
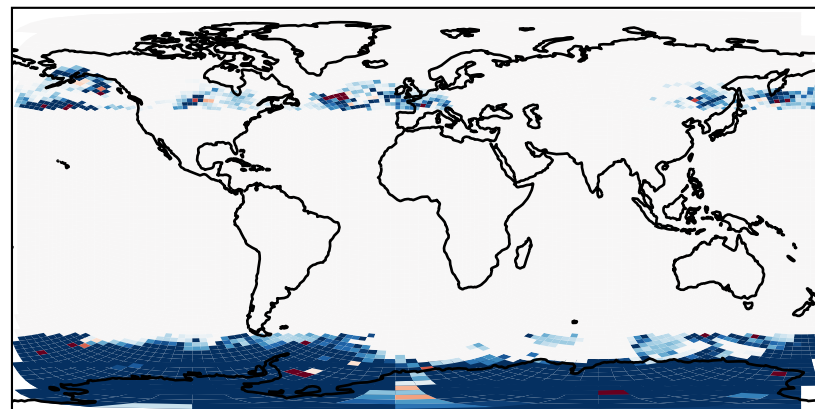
GCHP_13.4.0-rc.4 (Dev)
c48



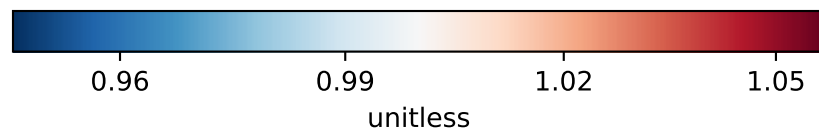
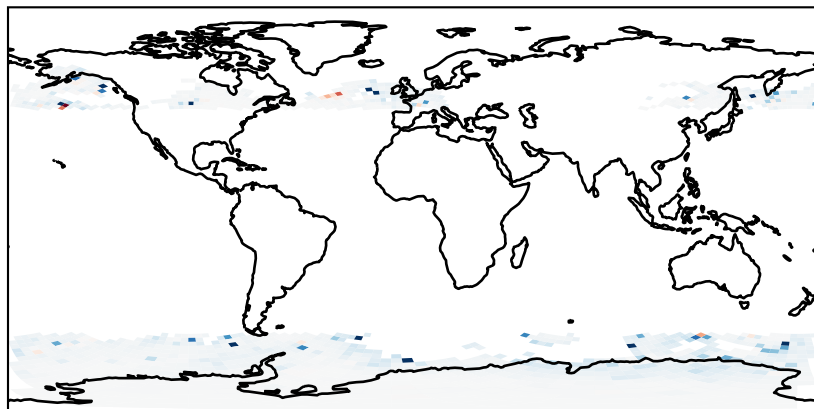
Difference
Dev - Ref, Dynamic Range



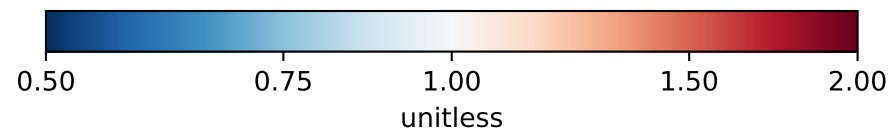
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

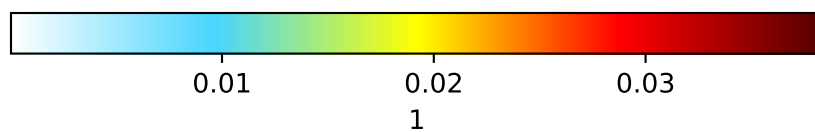
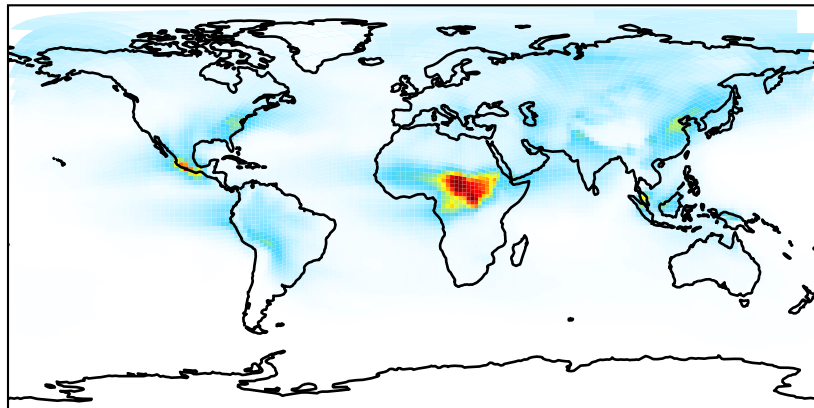


Ratio
Dev/Ref, Fixed Range

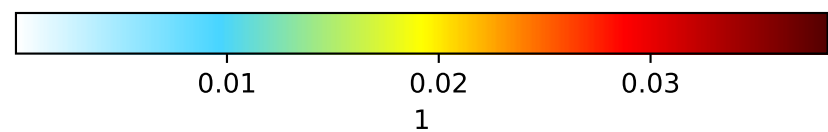
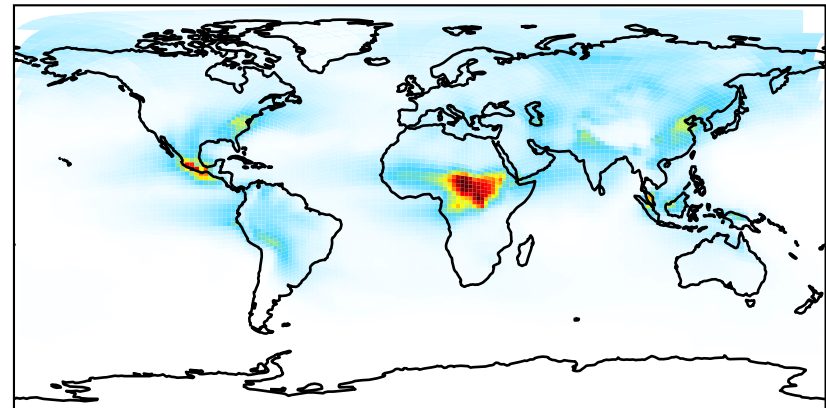


Column_AOD_SOA_from_Aqueous_ISOP

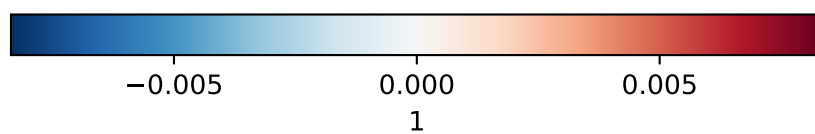
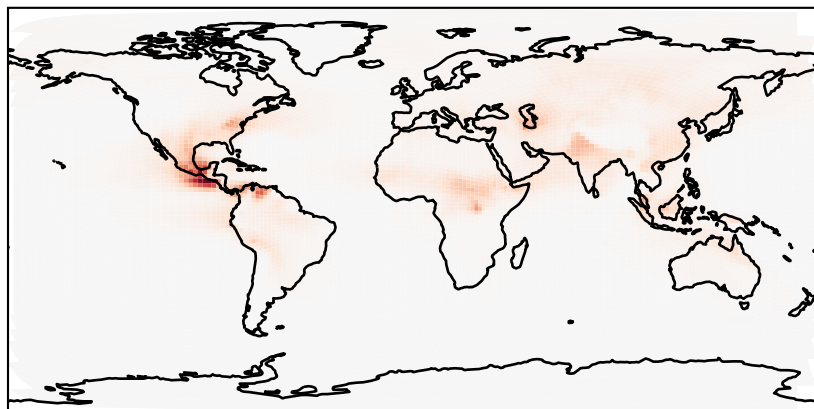
GCHP_13.3.0-rc.1 (Ref)
c48



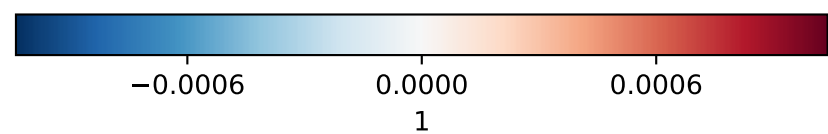
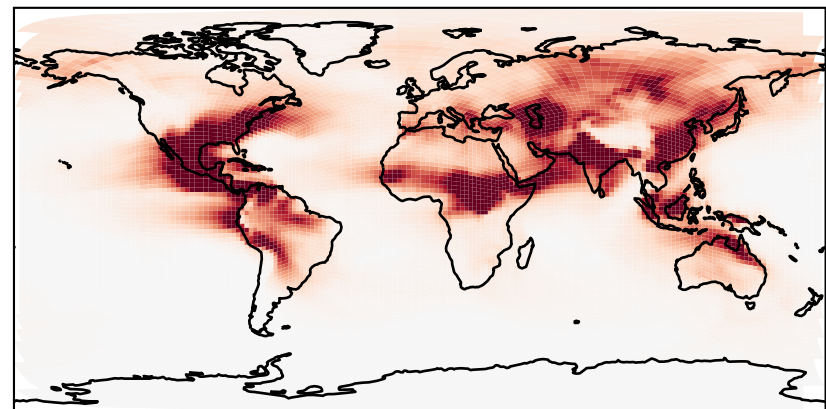
GCHP_13.4.0-rc.4 (Dev)
c48



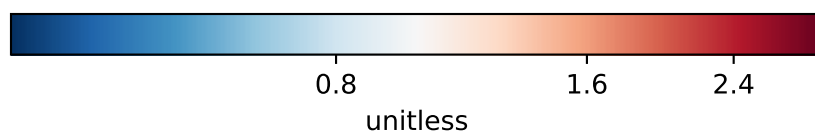
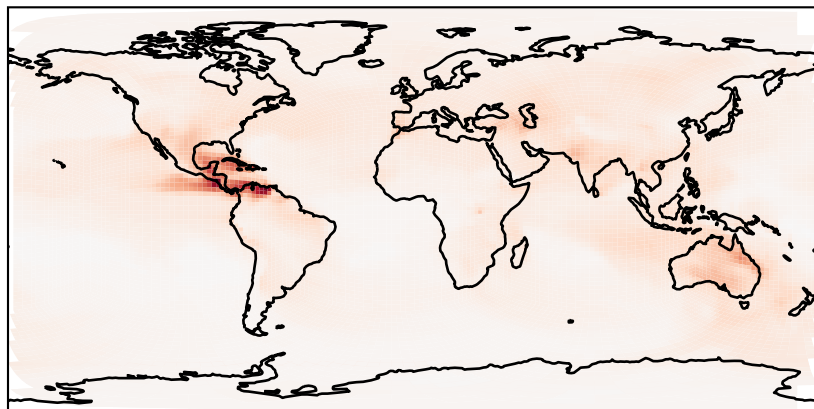
Difference
Dev - Ref, Dynamic Range



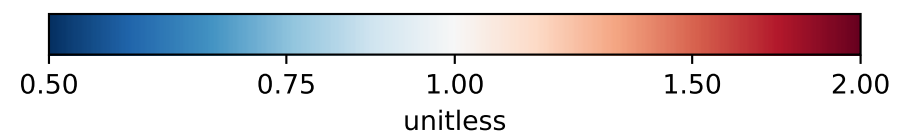
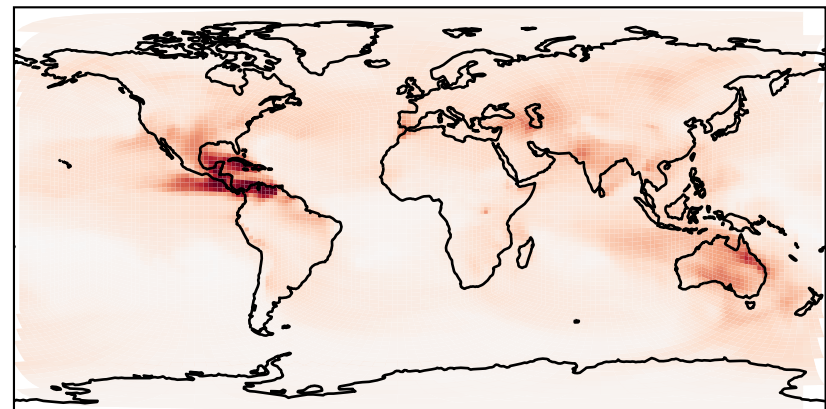
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

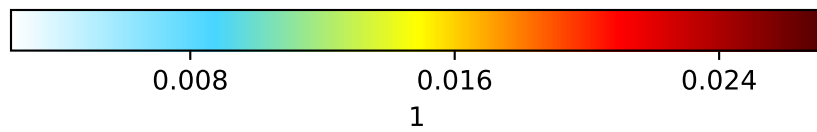
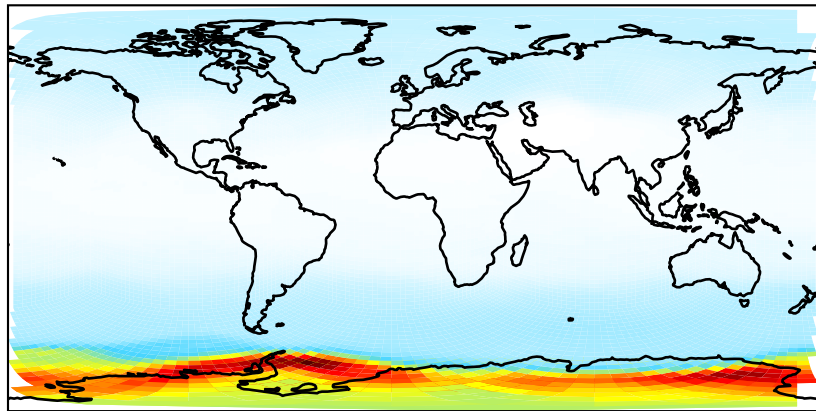


Ratio
Dev/Ref, Fixed Range

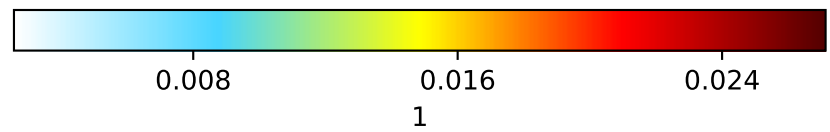
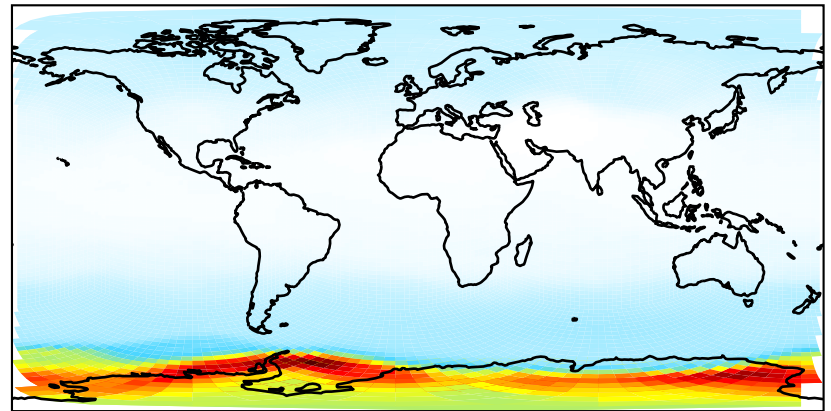


Column_AOD_Strat_Liquid_Aerosol

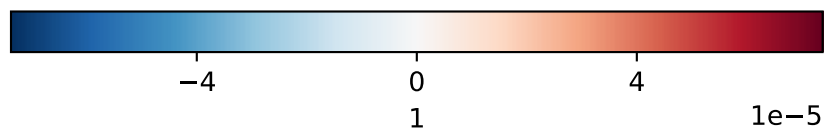
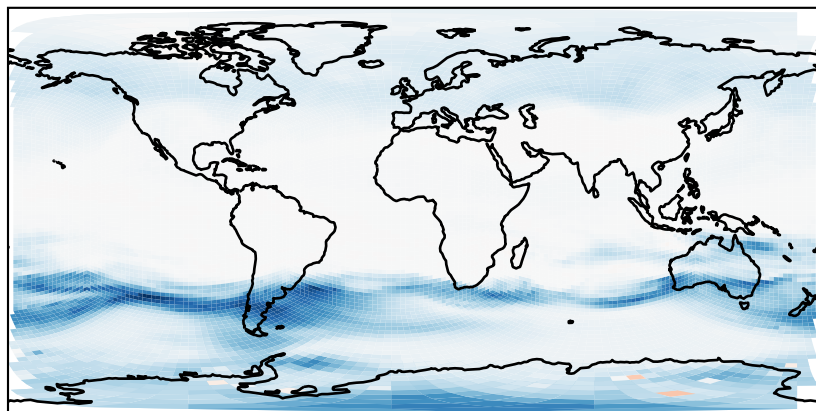
GCHP_13.3.0-rc.1 (Ref)
c48



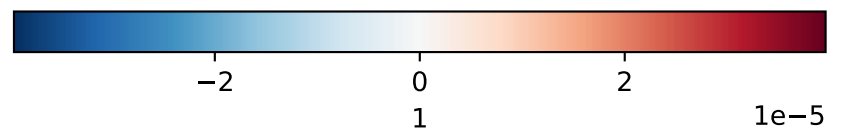
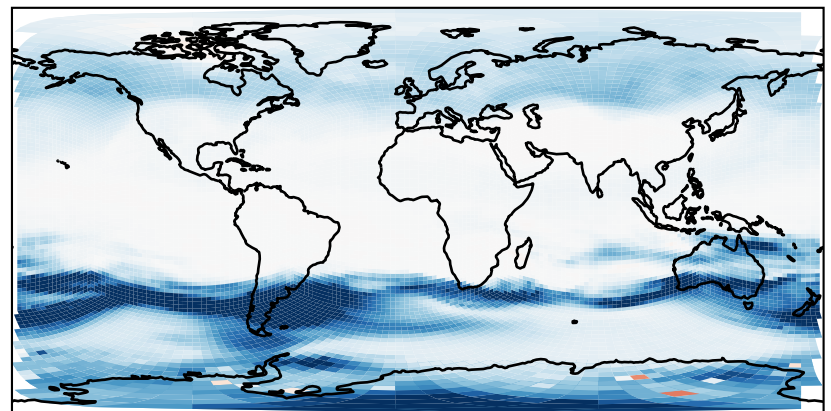
GCHP_13.4.0-rc.4 (Dev)
c48



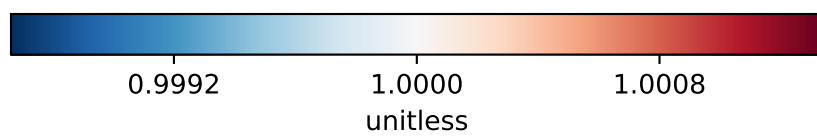
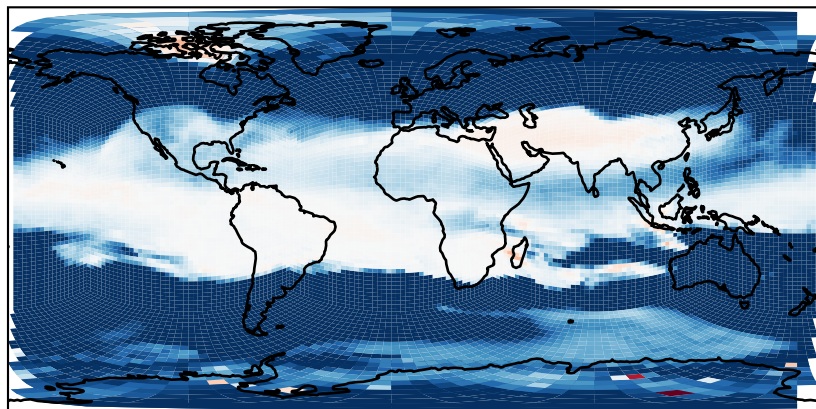
Difference
Dev - Ref, Dynamic Range



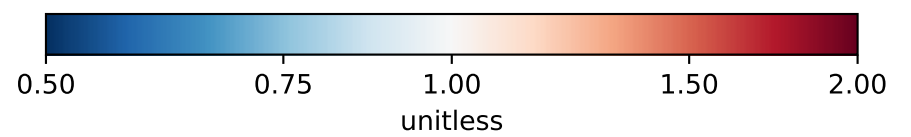
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

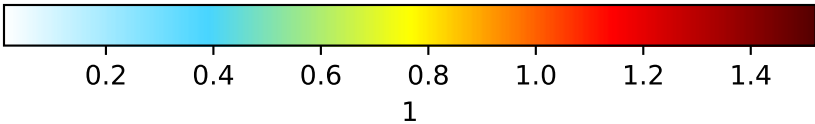
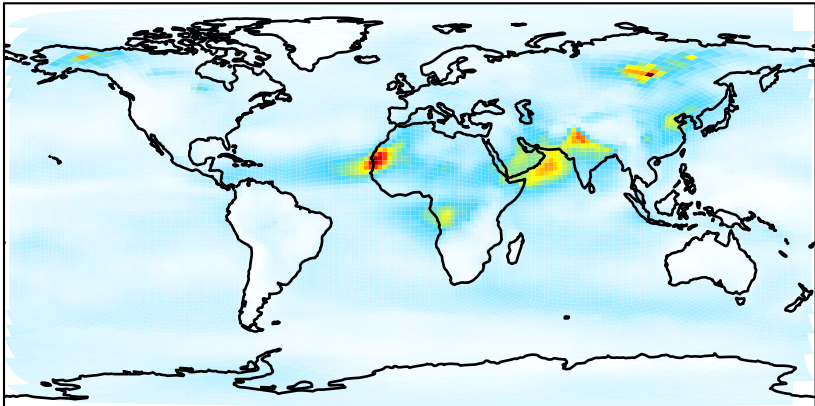


Ratio
Dev/Ref, Fixed Range

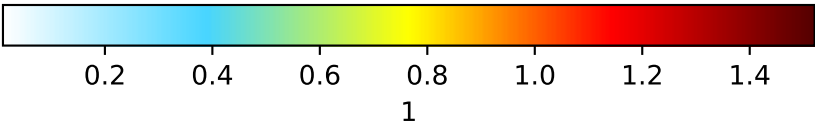
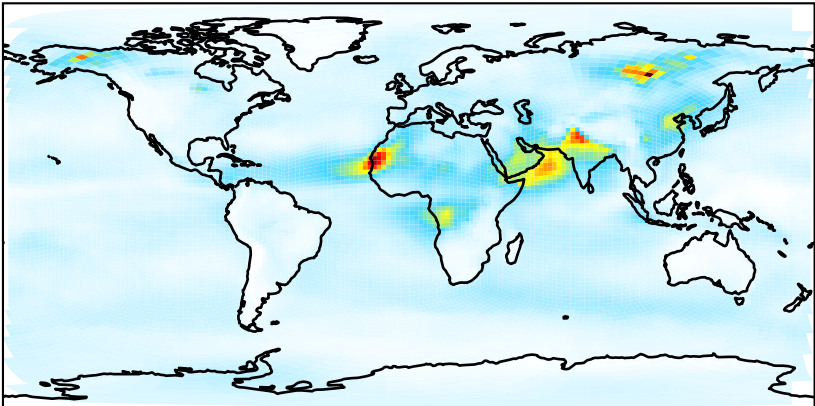


Column_AOD_Total

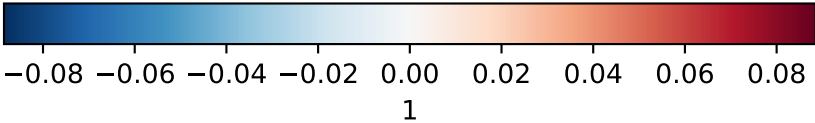
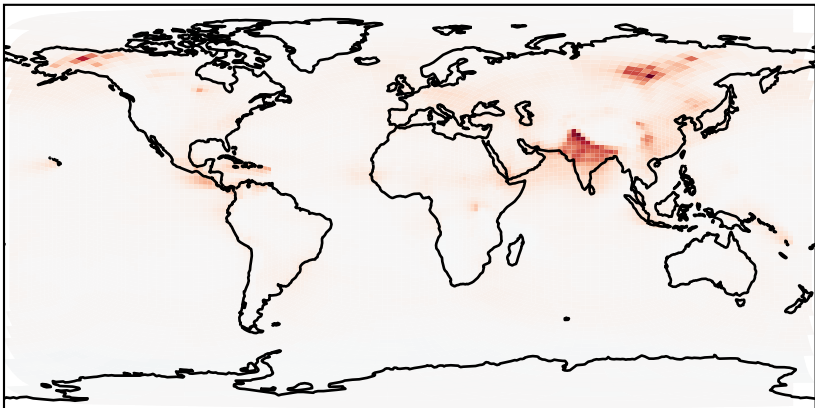
GCHP_13.3.0-rc.1 (Ref)
c48



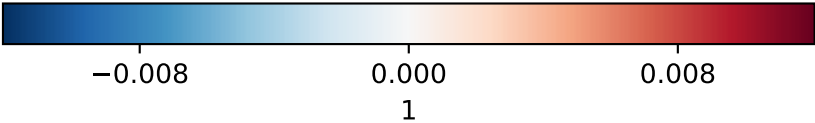
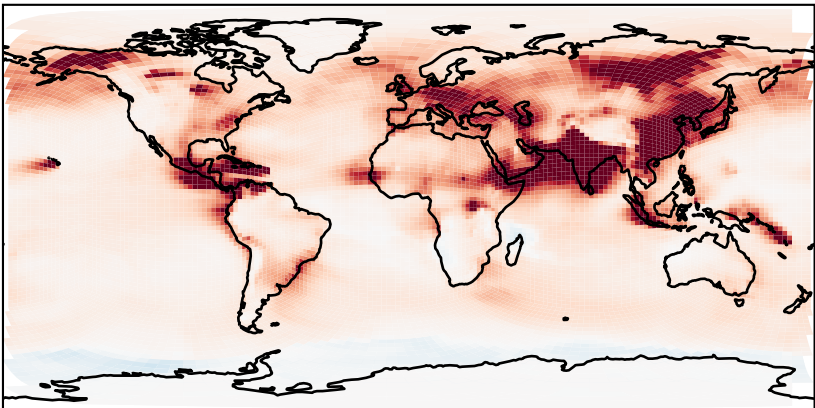
GCHP_13.4.0-rc.4 (Dev)
c48



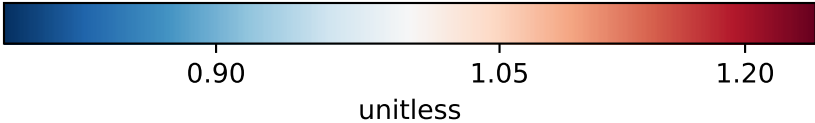
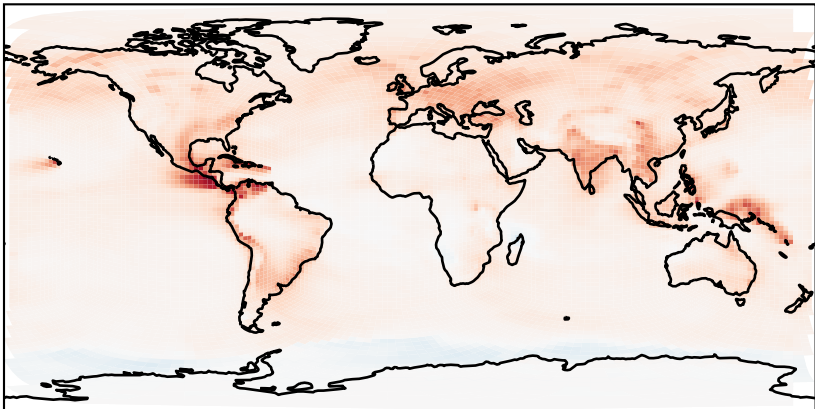
Difference
Dev - Ref, Dynamic Range



Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

