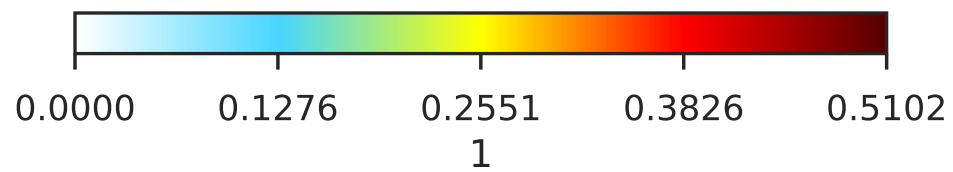
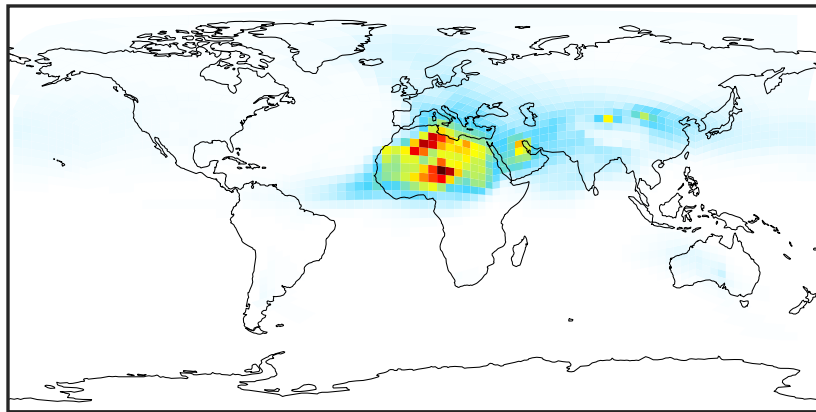
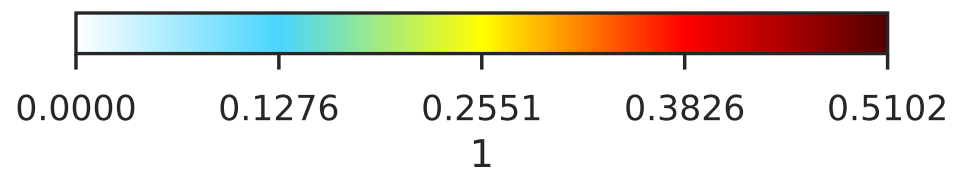
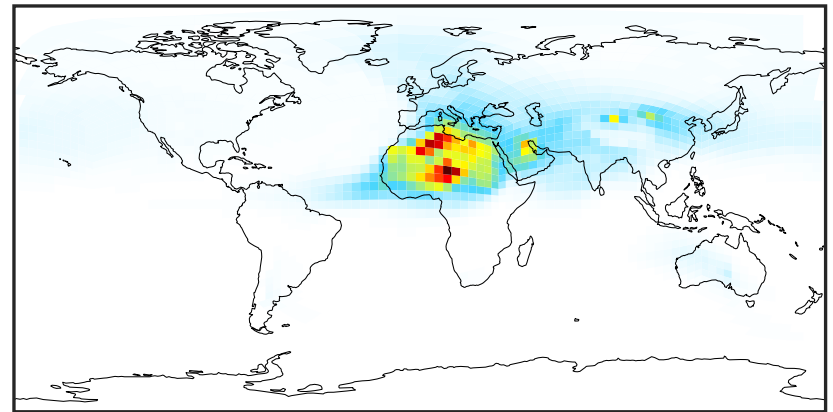


Column_AOD_Dust (Apr2019)

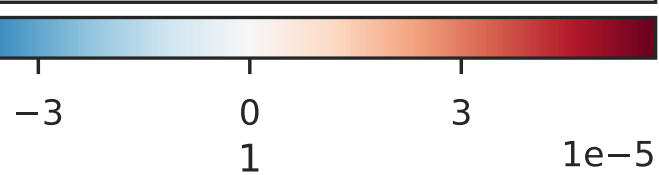
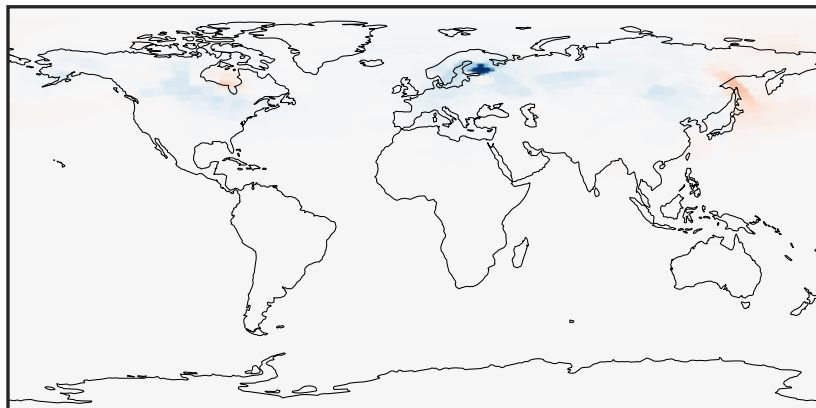
14.2.0-rc.2 (Ref)
c24



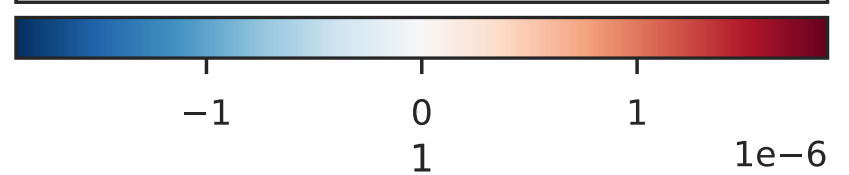
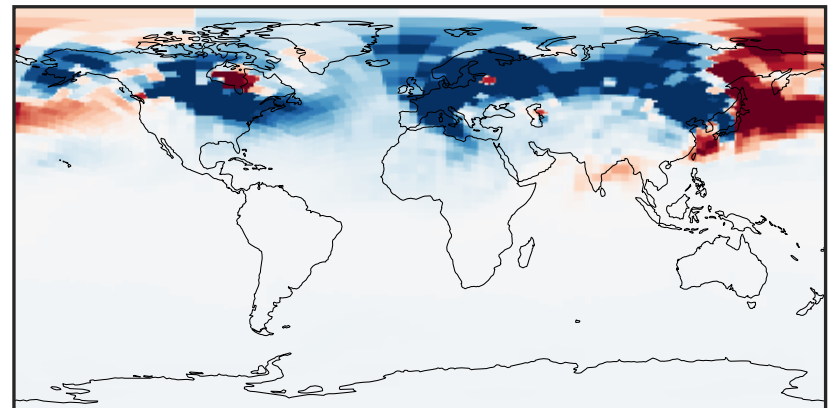
14.3.0-rc.0 (Dev)
c24



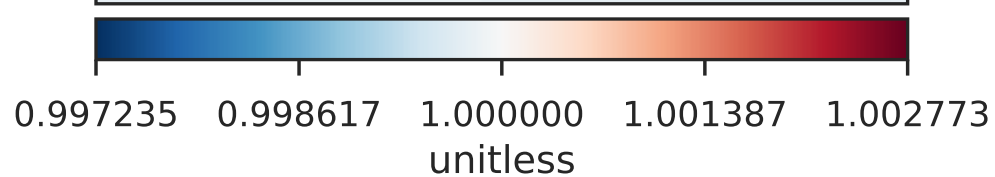
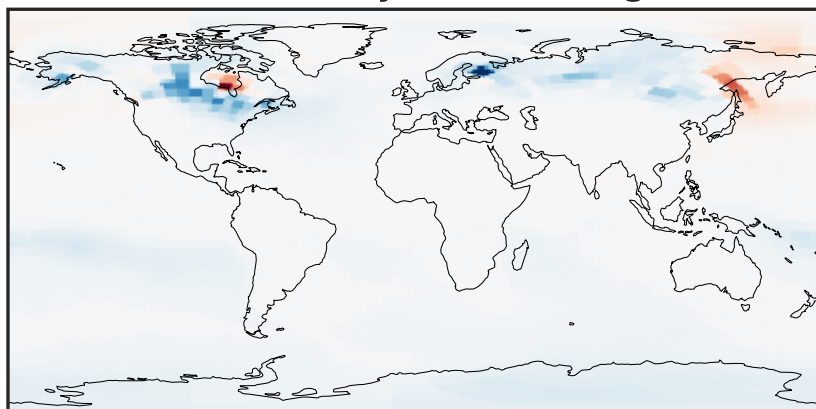
Difference (1x1.25)
Dev - Ref, Dynamic Range



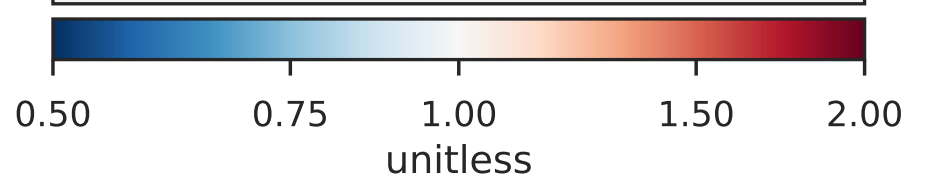
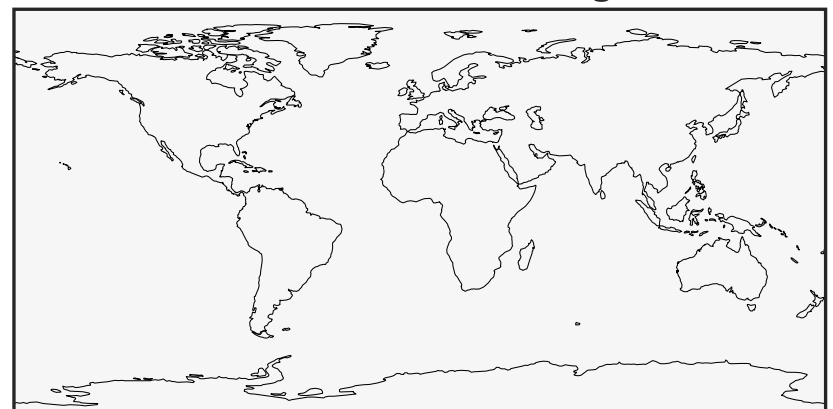
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

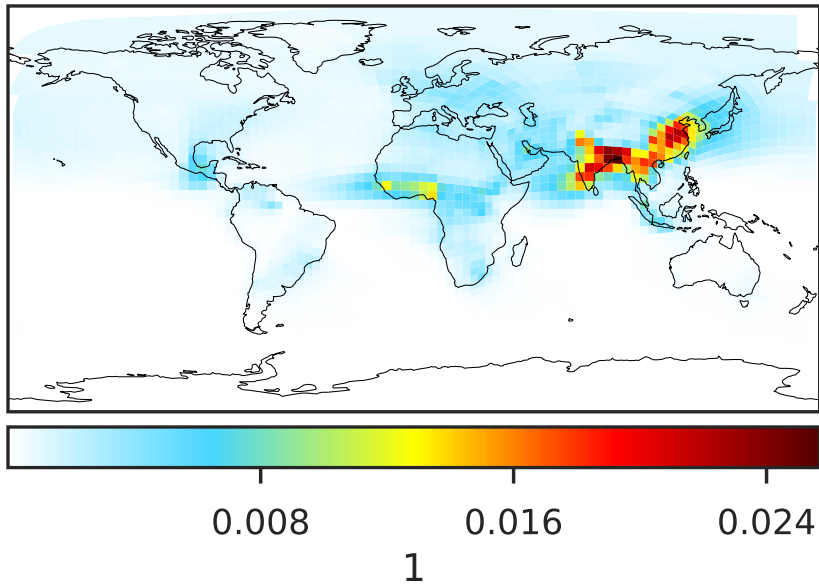


Ratio (1x1.25)
Dev/Ref, Fixed Range

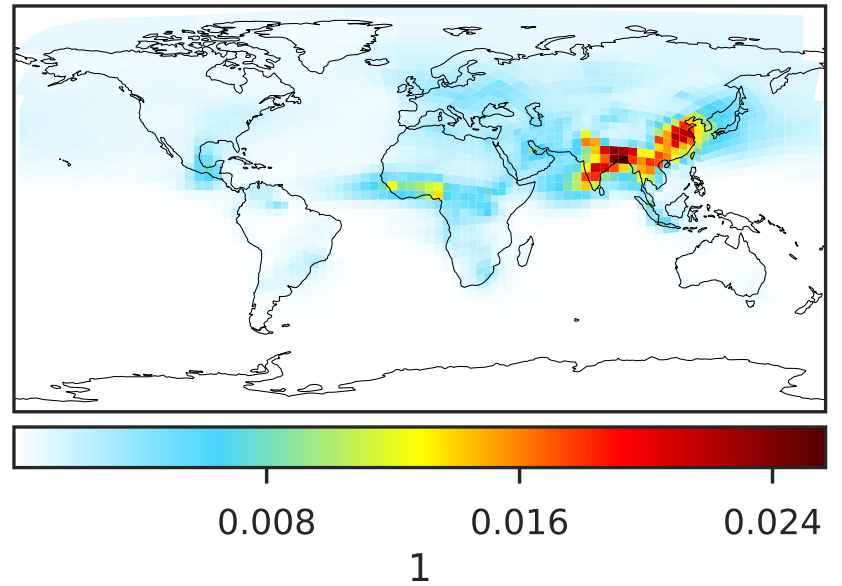


Column_AOD_BCPI (Apr2019)

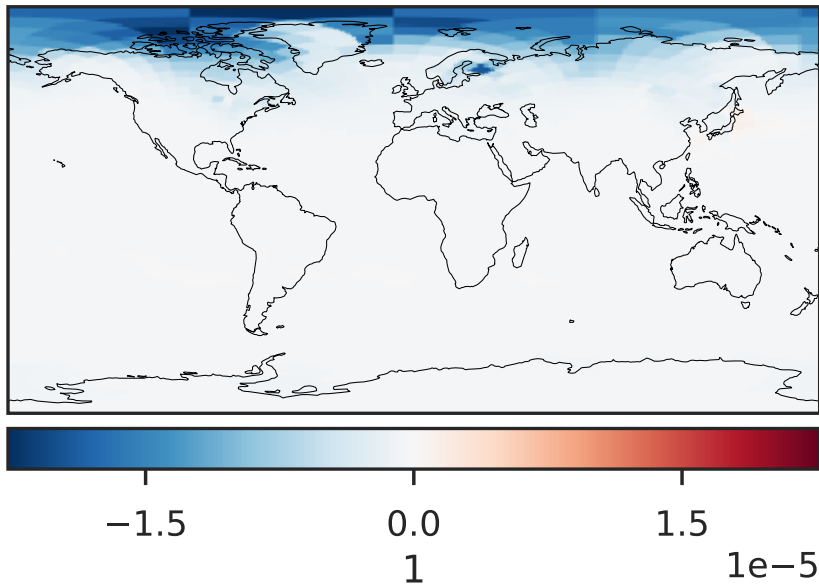
14.2.0-rc.2 (Ref)
c24



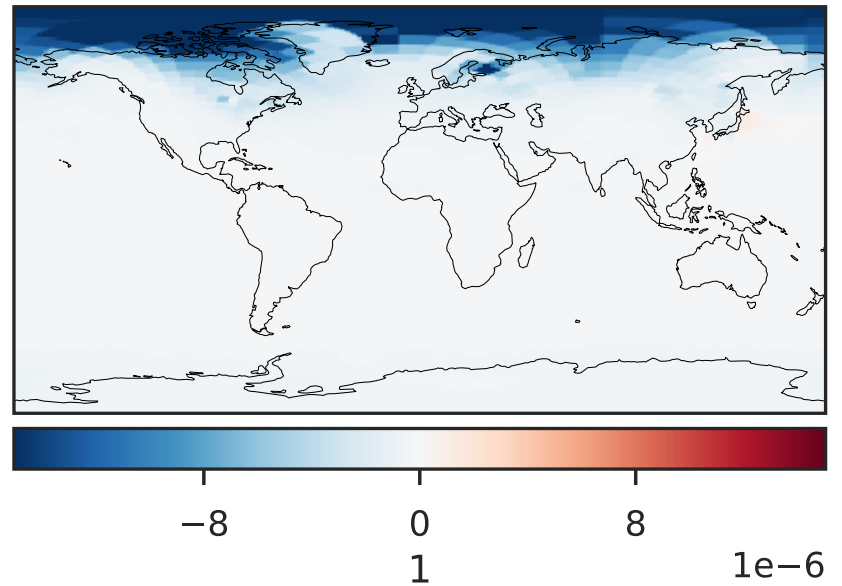
14.3.0-rc.0 (Dev)
c24



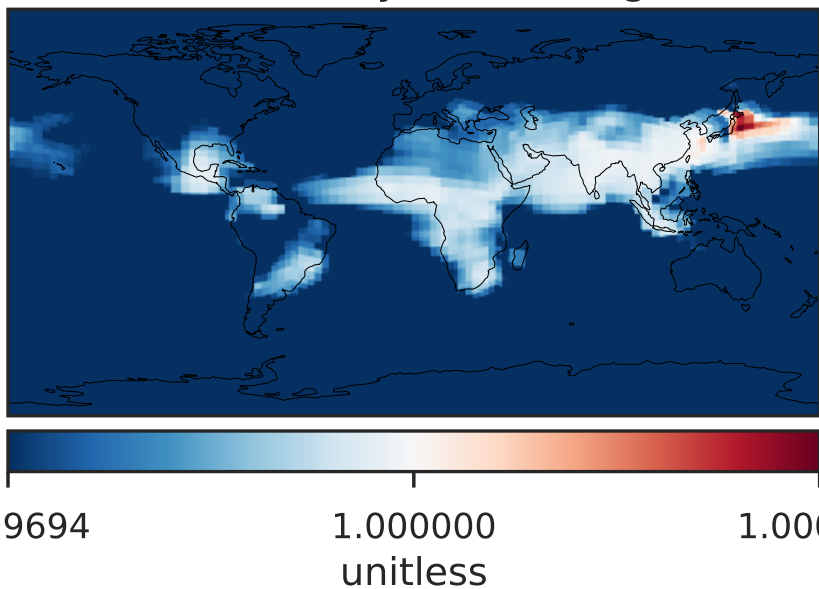
Difference (1x1.25)
Dev - Ref, Dynamic Range



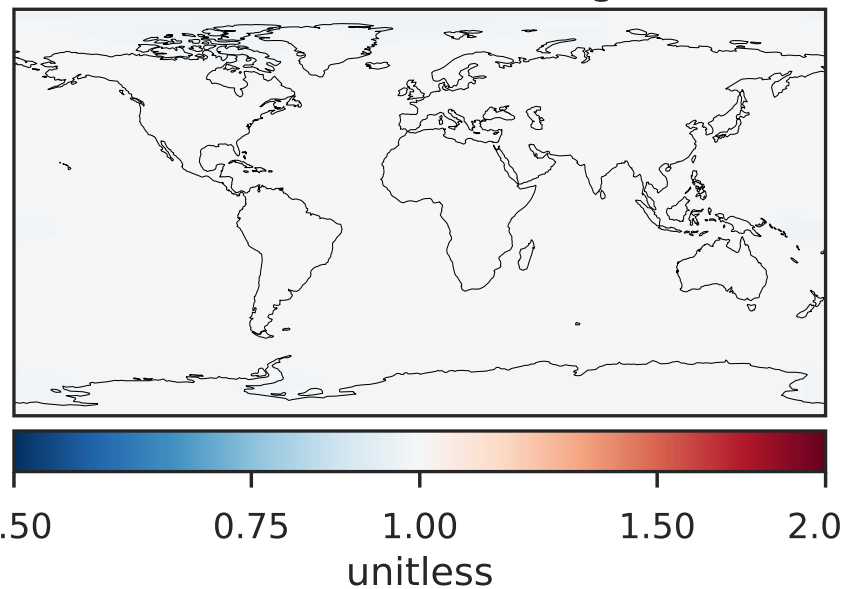
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

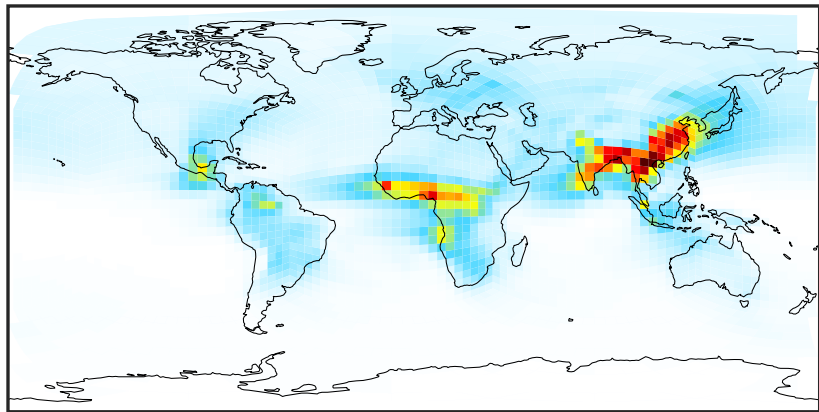


Ratio (1x1.25)
Dev/Ref, Fixed Range



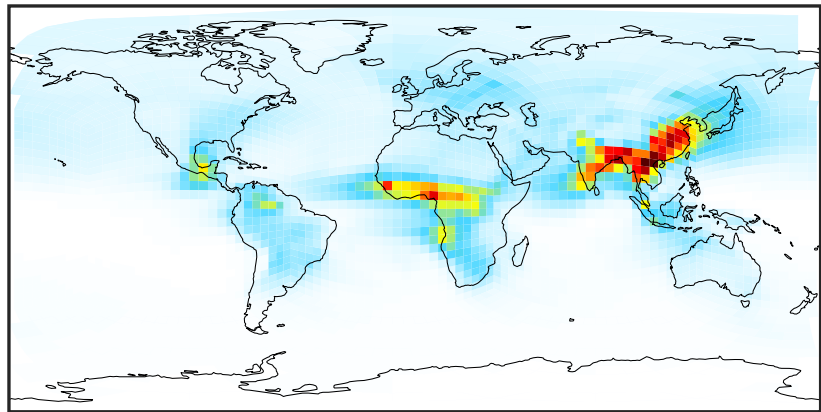
Column_AOD_OCPI (Apr2019)

14.2.0-rc.2 (Ref)
c24



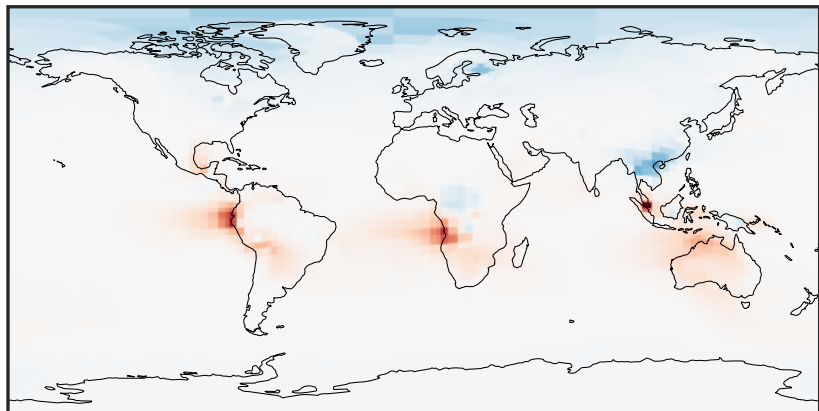
0.0005 0.0534 0.1064 0.1593 0.2122
1

14.3.0-rc.0 (Dev)
c24



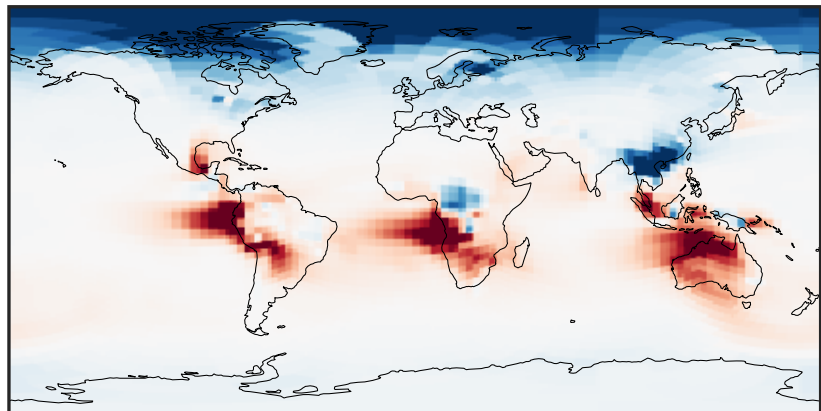
0.0005 0.0534 0.1064 0.1593 0.2122
1

Difference (1x1.25)
Dev - Ref, Dynamic Range



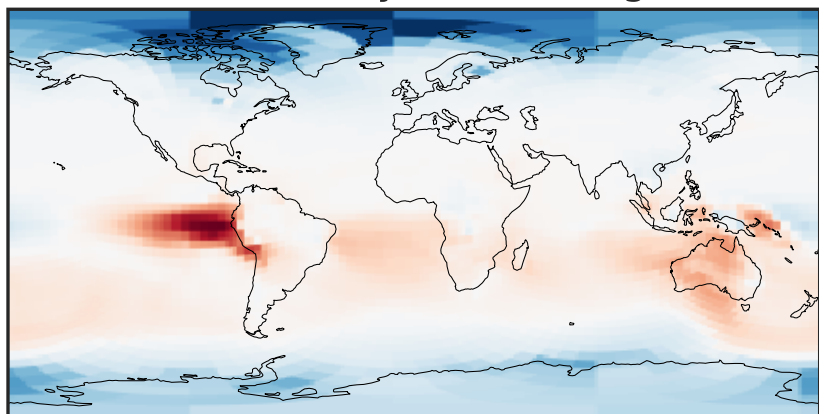
-0.00025 0.00000 0.00025
1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



-6 0 6
1e-5

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.98222 0.99111 1.00000 1.00905 1.01810
unitless

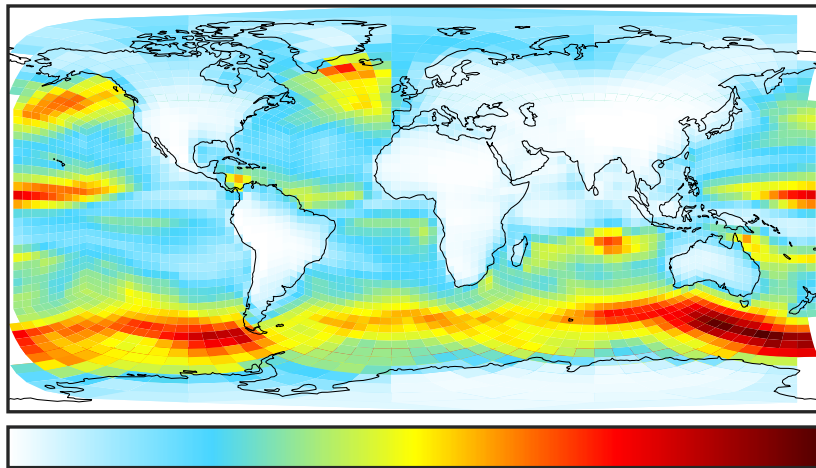
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

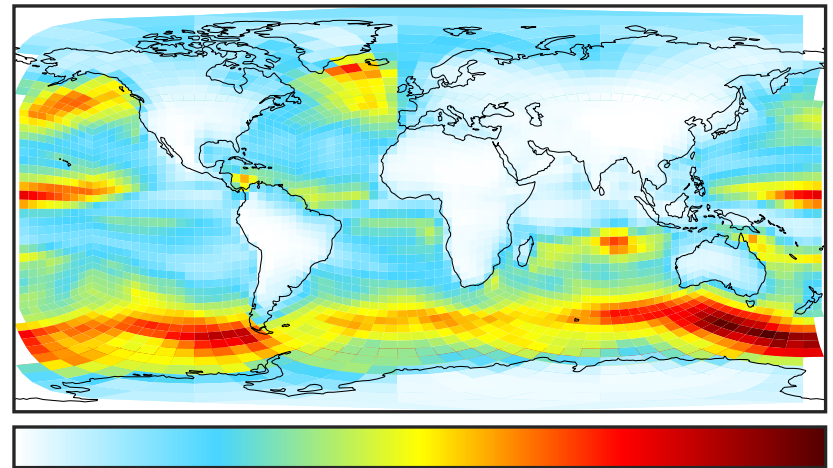
Column_AOD_SALA (Apr2019)

14.2.0-rc.2 (Ref)
c24



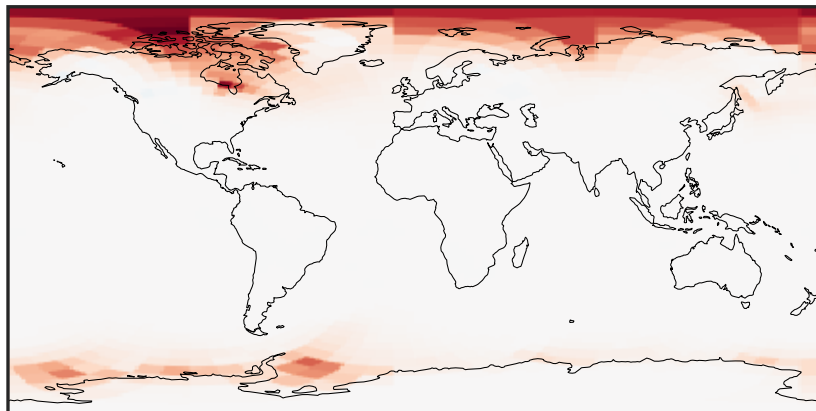
0.015 0.030 0.045
1

14.3.0-rc.0 (Dev)
c24



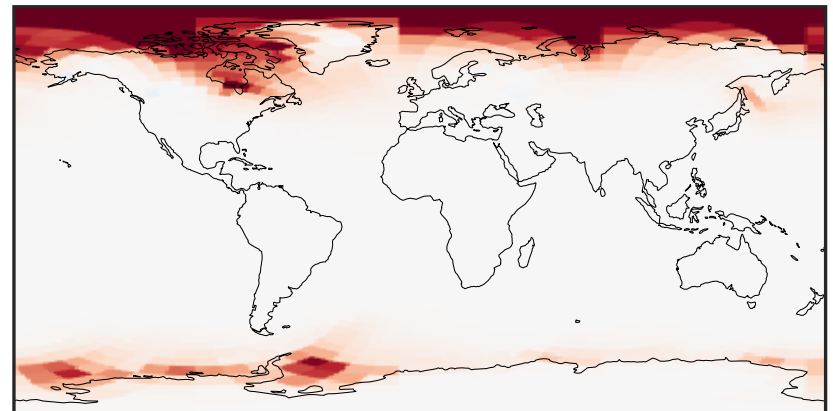
0.015 0.030 0.045
1

Difference (1x1.25)
Dev - Ref, Dynamic Range



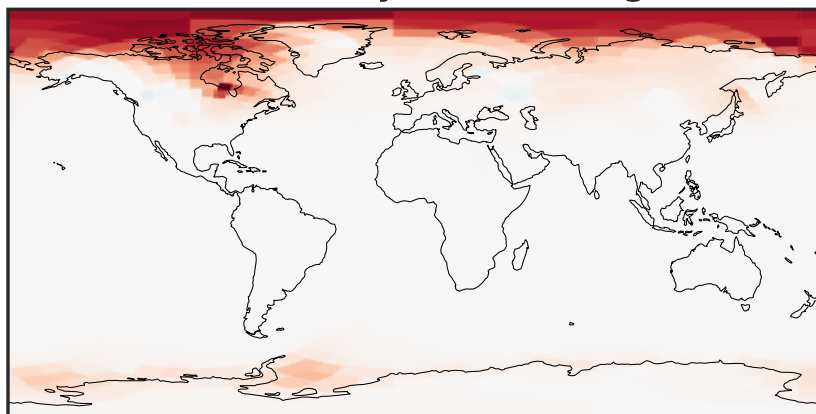
-0.0004 0.0000 0.0004
1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



-0.00025 0.00000 0.00025
1

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.9310 0.9655 1.0000 1.0370 1.0741
unitless

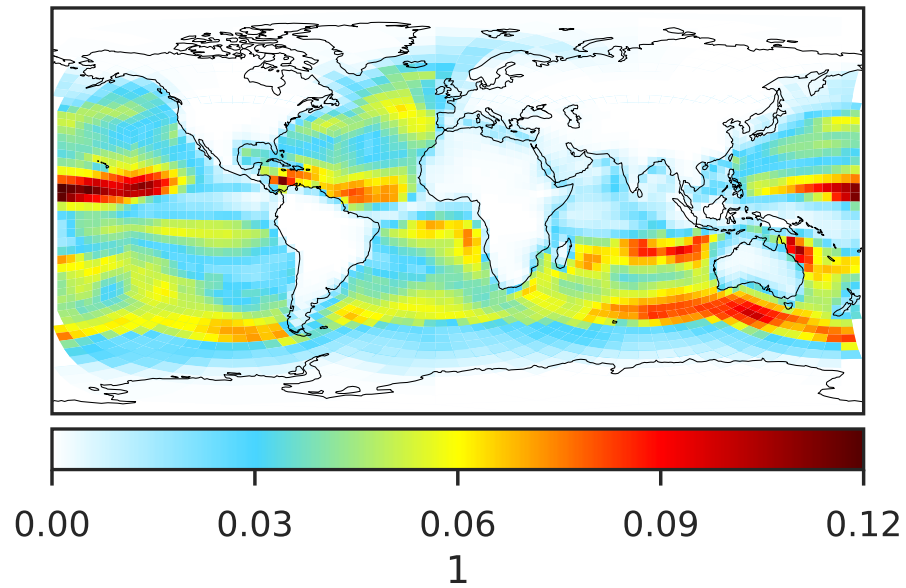
Ratio (1x1.25)
Dev/Ref, Fixed Range



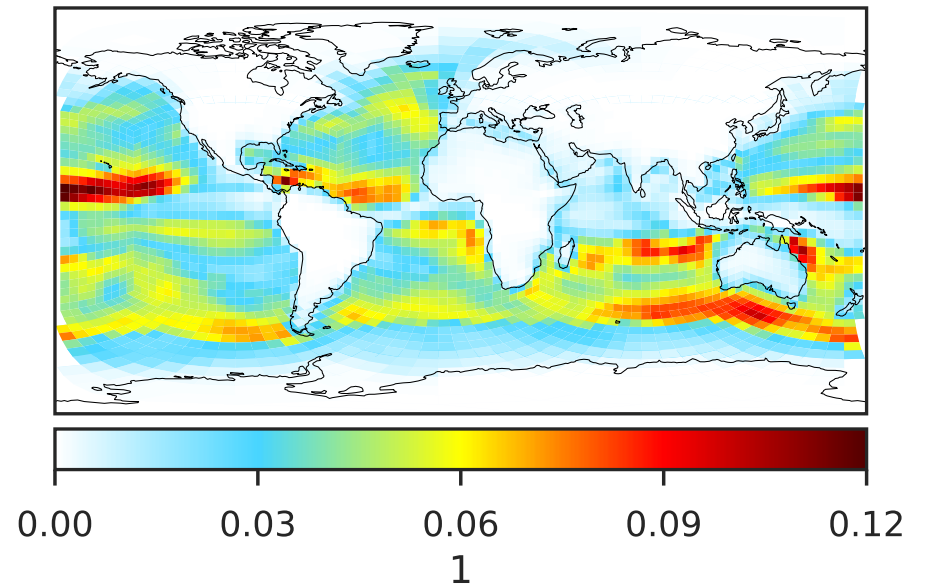
0.50 0.75 1.00 1.50 2.00
unitless

Column_AOD_SALC (Apr2019)

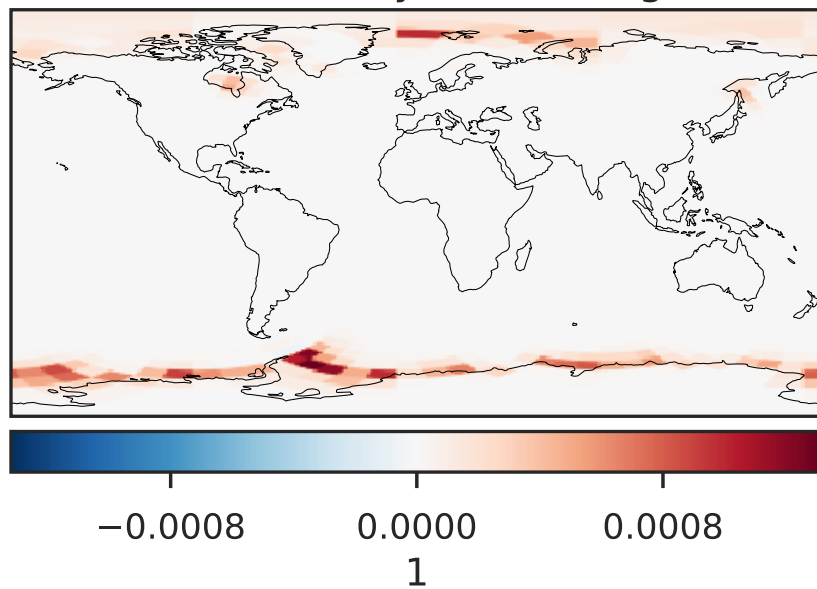
14.2.0-rc.2 (Ref)
c24



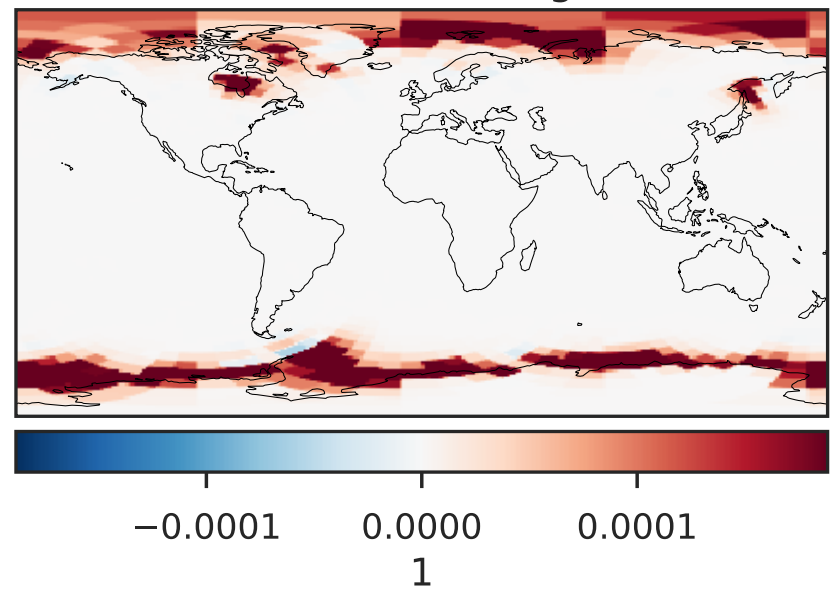
14.3.0-rc.0 (Dev)
c24



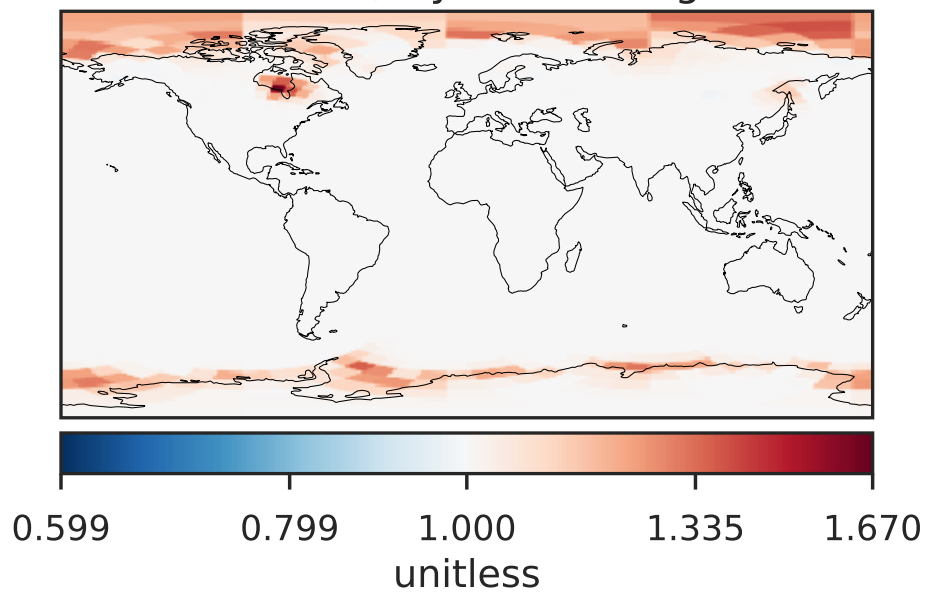
Difference (1x1.25)
Dev - Ref, Dynamic Range



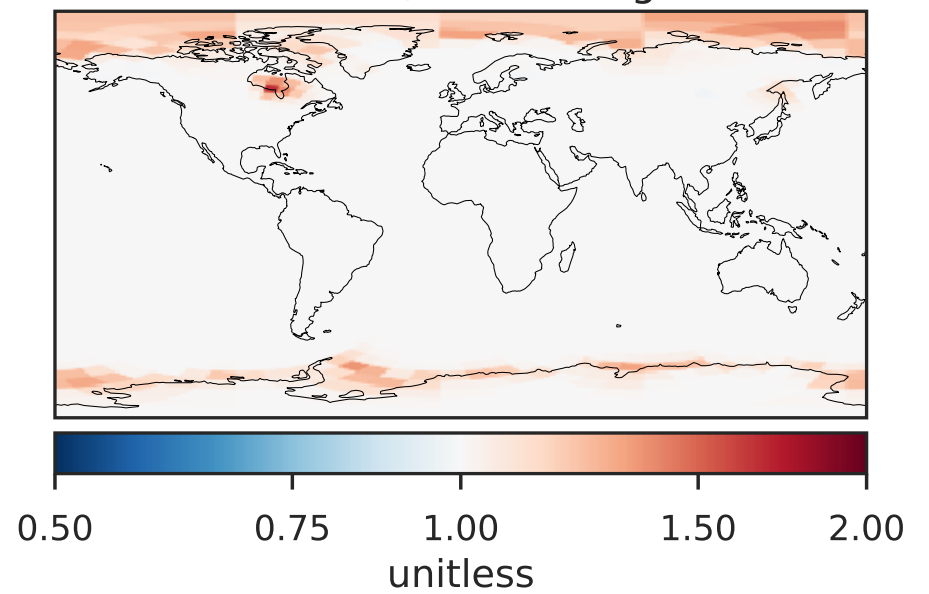
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

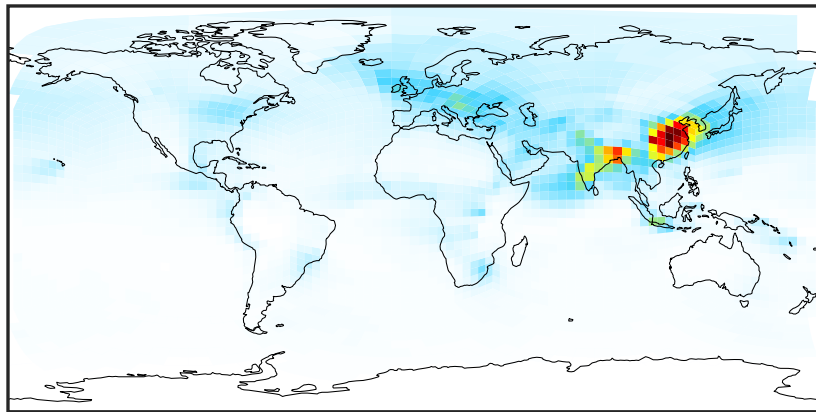


Ratio (1x1.25)
Dev/Ref, Fixed Range



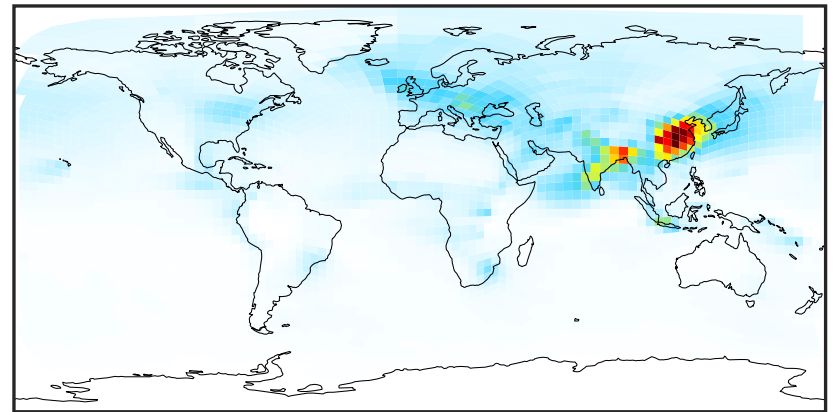
Column_AOD_SO4 (Apr2019)

14.2.0-rc.2 (Ref)
c24



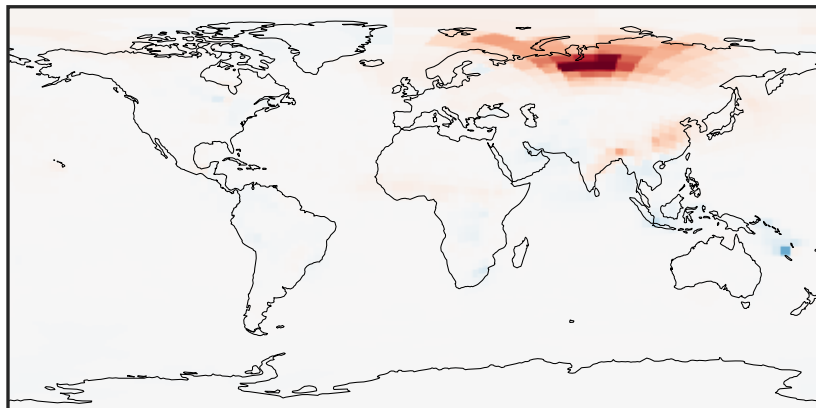
0.0010 0.1918 0.3826 0.5733 0.7641
1

14.3.0-rc.0 (Dev)
c24



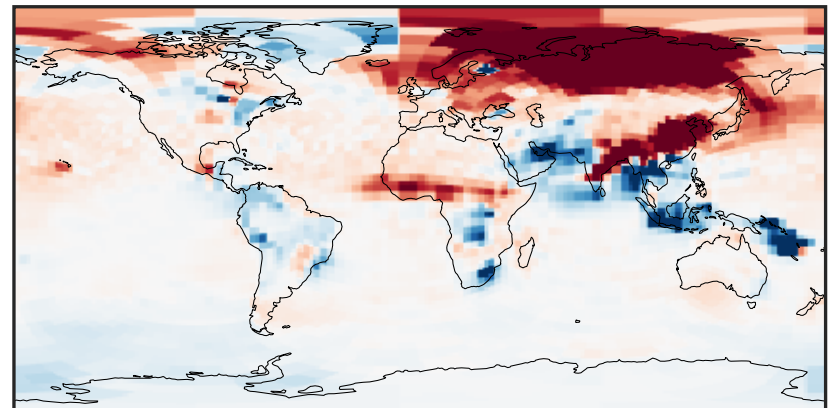
0.0010 0.1918 0.3826 0.5733 0.7641
1

Difference (1x1.25)
Dev - Ref, Dynamic Range



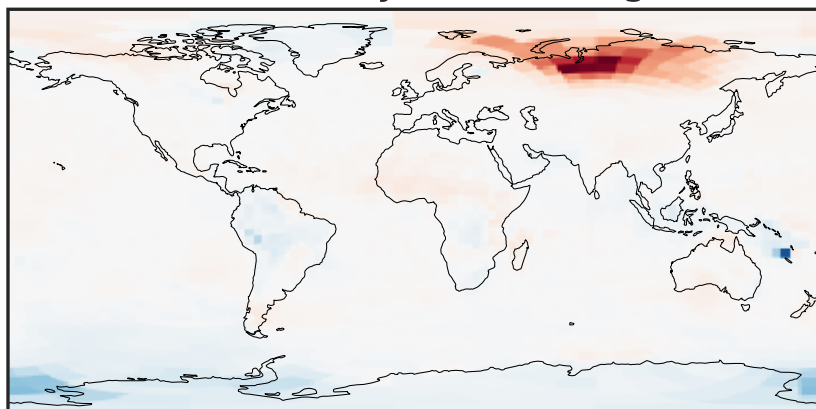
-0.003 0.000 0.003
1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



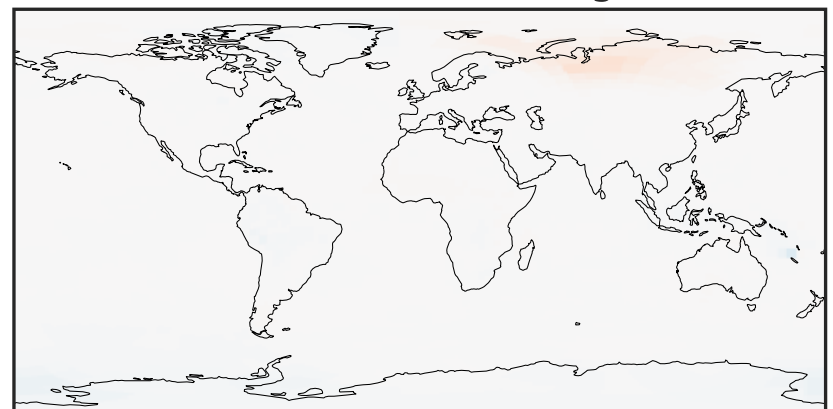
-0.0002 0.0000 0.0002
1

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.9046 0.9523 1.0000 1.0527 1.1055
unitless

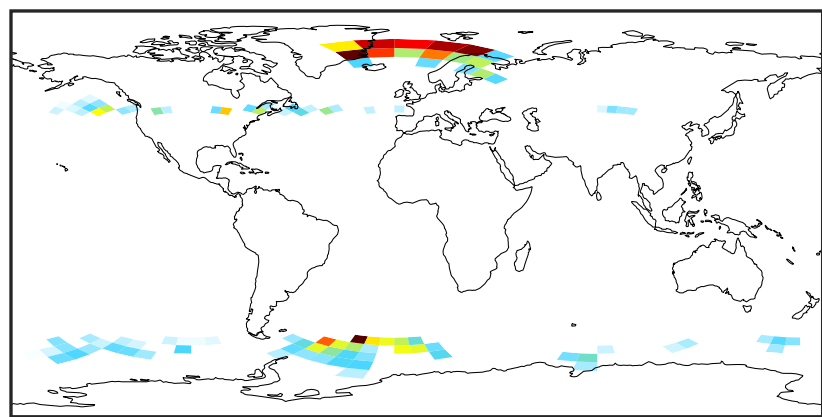
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

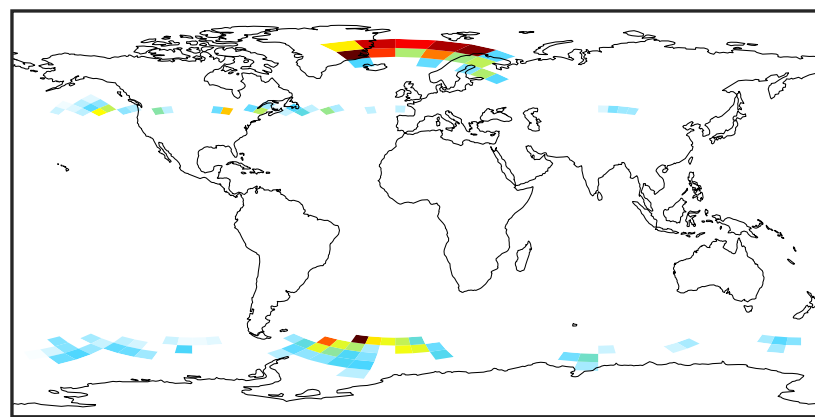
Column_AOD_Polar_Strat_Cloud (Apr2019)

14.2.0-rc.2 (Ref)
c24



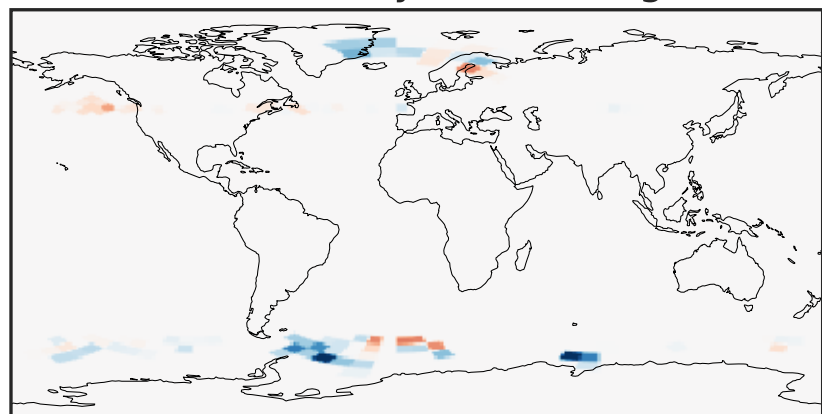
0.0000 0.0008 0.0016 0.0024
1

14.3.0-rc.0 (Dev)
c24



0.0000 0.0008 0.0016 0.0024
1

Difference (1x1.25)
Dev - Ref, Dynamic Range



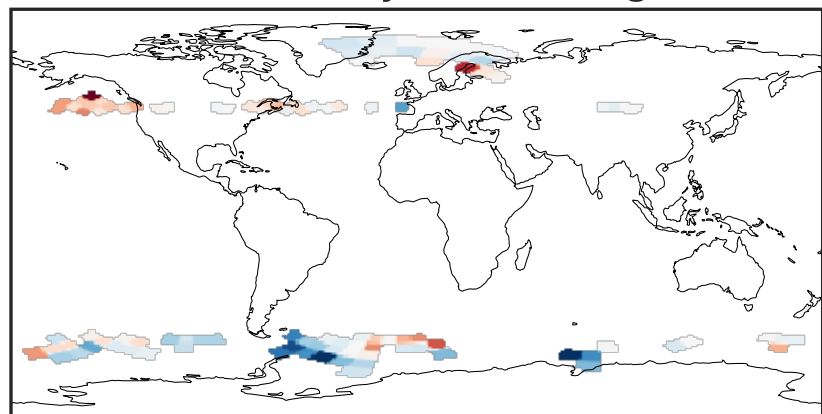
-2.5 0.0 2.5
1 $1e-8$

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



-1.0 -0.5 0.0 0.5 1.0
1

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.9999338 1.000000 1.0000662
unitless

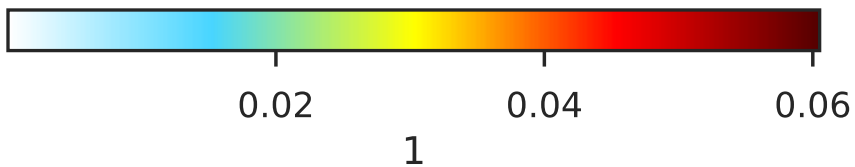
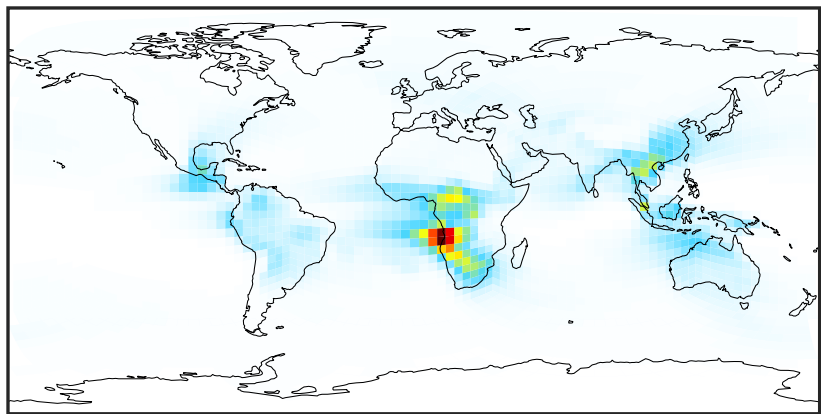
Ratio (1x1.25)
Dev/Ref, Fixed Range



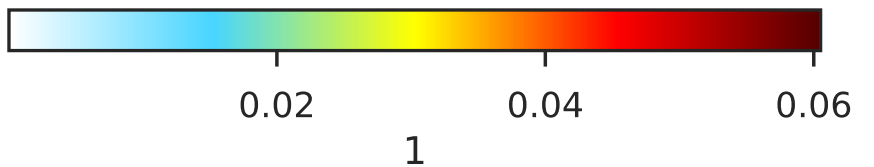
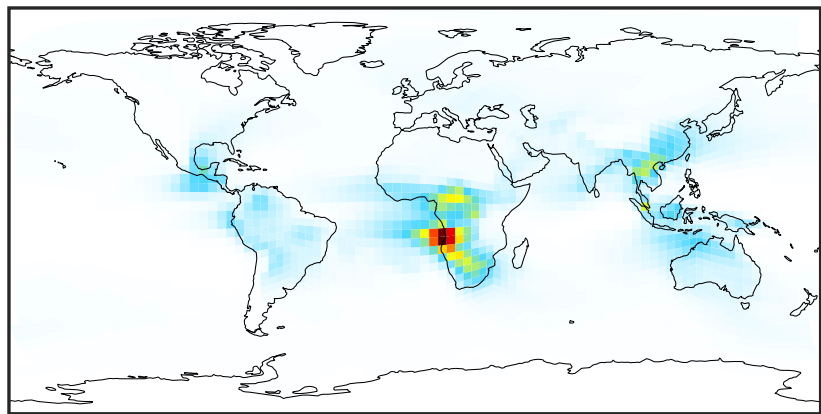
0.50 0.75 1.00 1.50 2.00
unitless

Column_AOD_SOA_from_Aqueous_ISOP (Apr2019)

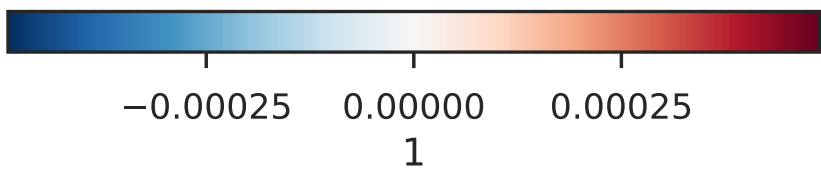
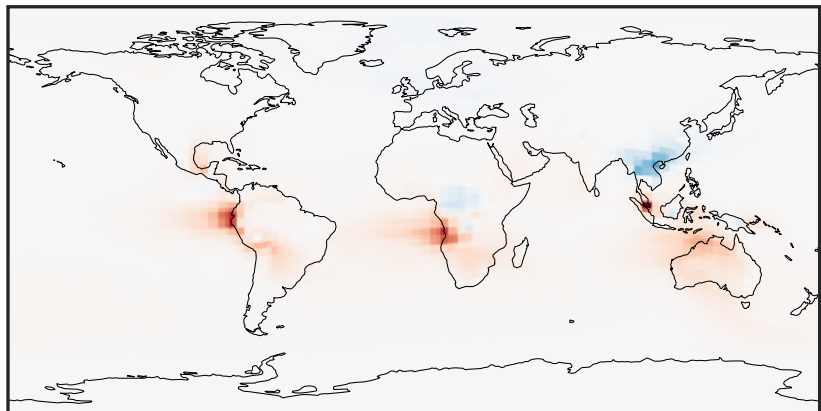
14.2.0-rc.2 (Ref)
c24



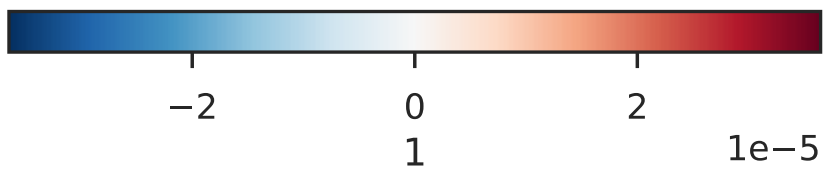
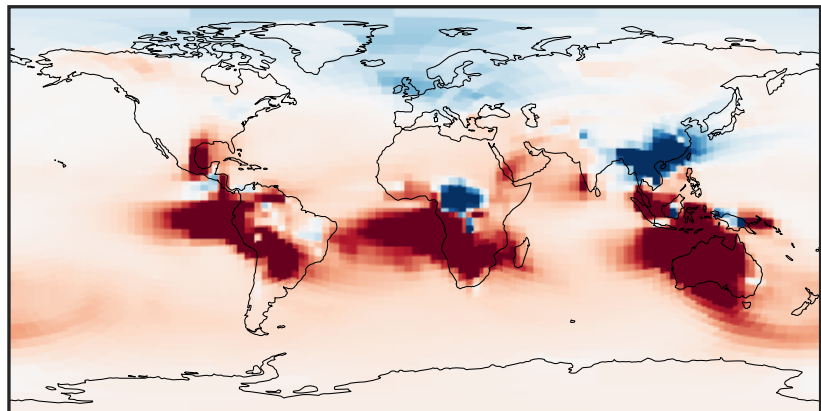
14.3.0-rc.0 (Dev)
c24



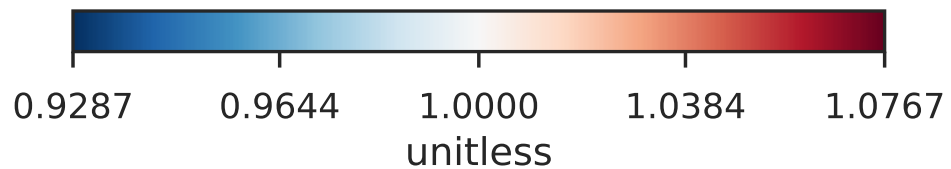
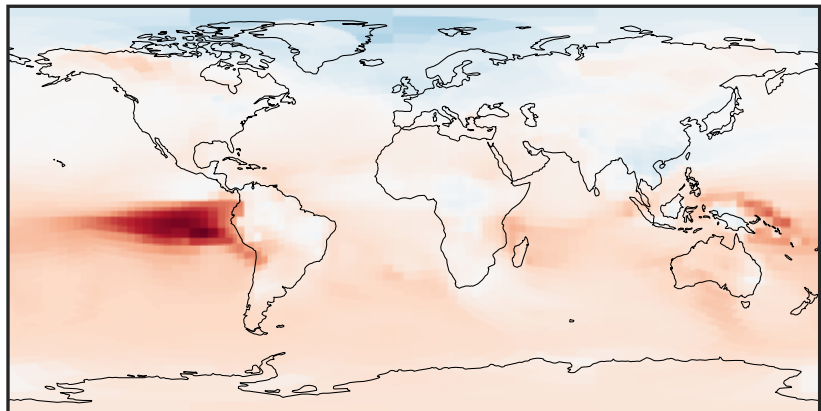
Difference (1x1.25)
Dev - Ref, Dynamic Range



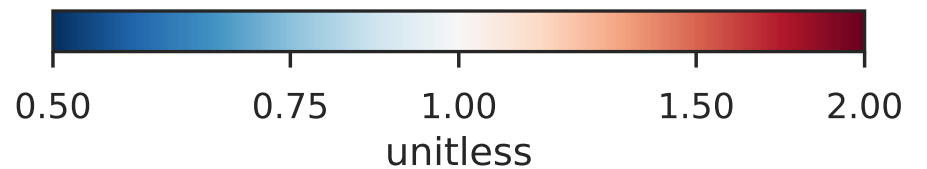
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

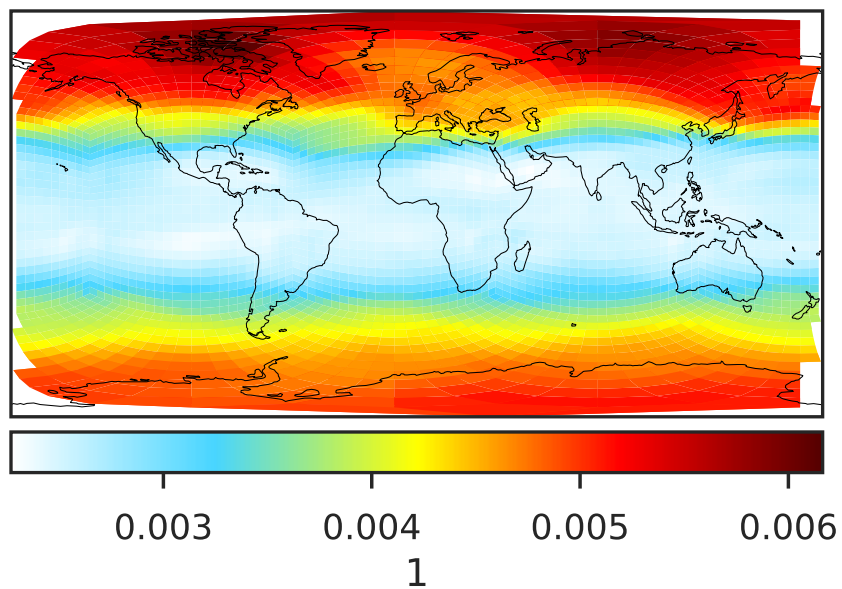


Ratio (1x1.25)
Dev/Ref, Fixed Range

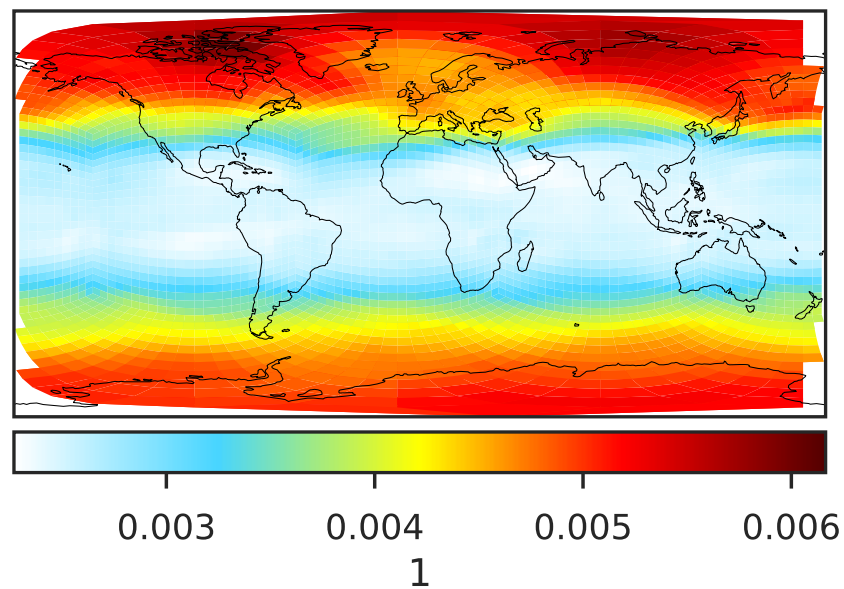


Column_AOD_Strat_Liquid_Aerosol (Apr2019)

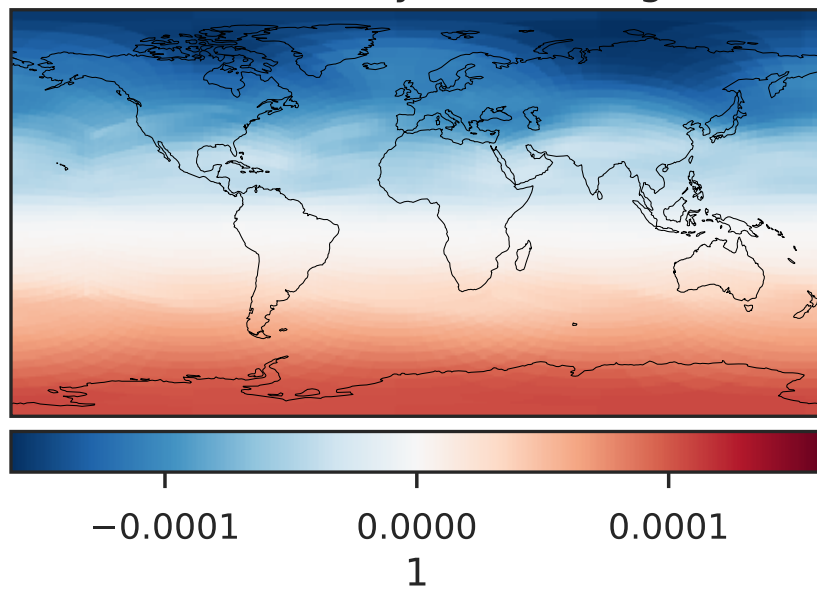
14.2.0-rc.2 (Ref)
c24



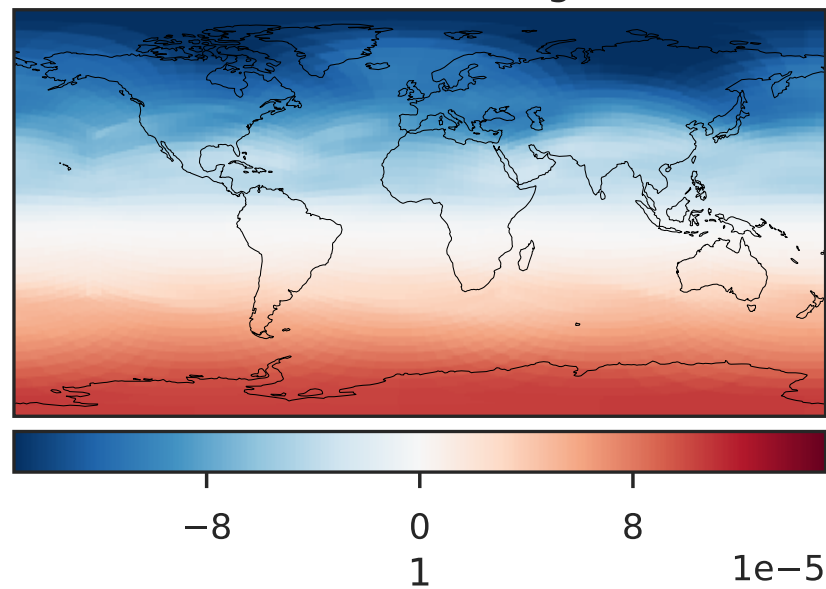
14.3.0-rc.0 (Dev)
c24



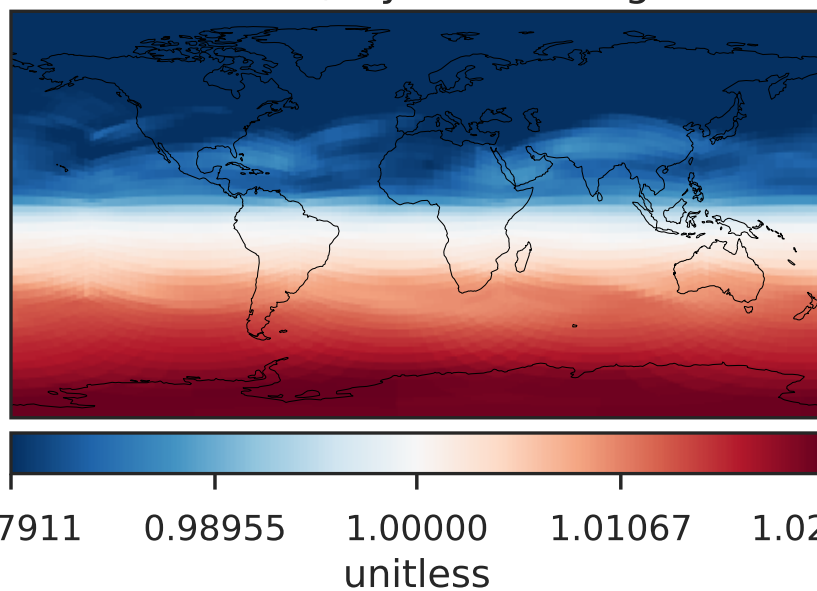
Difference (1x1.25)
Dev - Ref, Dynamic Range



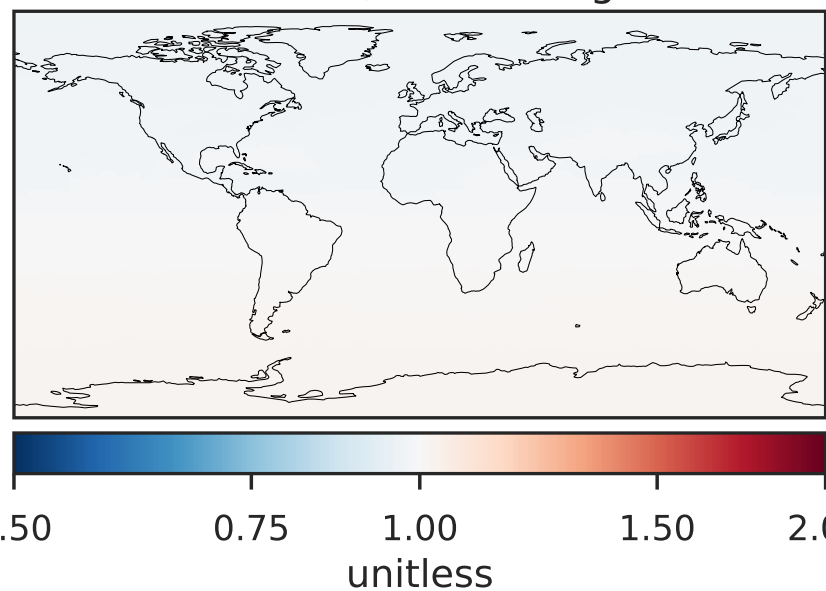
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

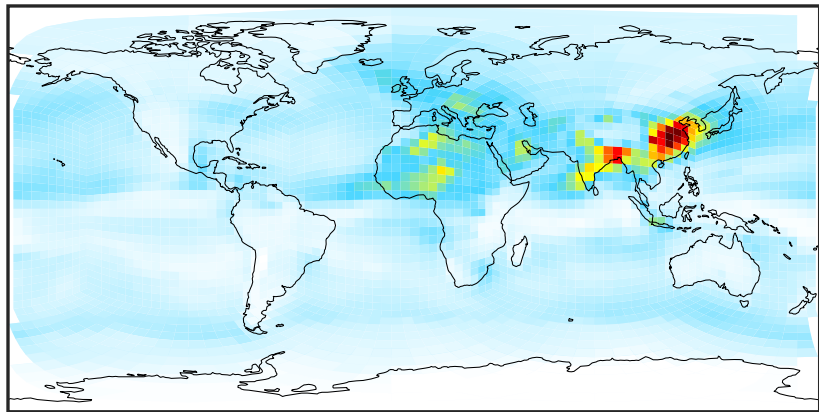


Ratio (1x1.25)
Dev/Ref, Fixed Range



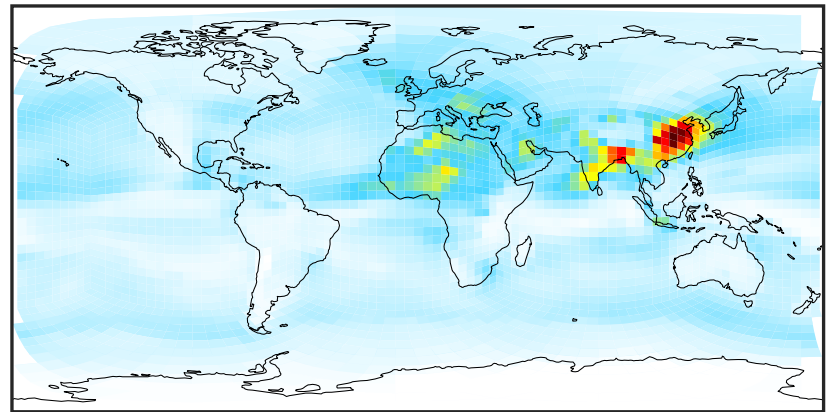
Column_AOD_Total (Apr2019)

14.2.0-rc.2 (Ref)
c24



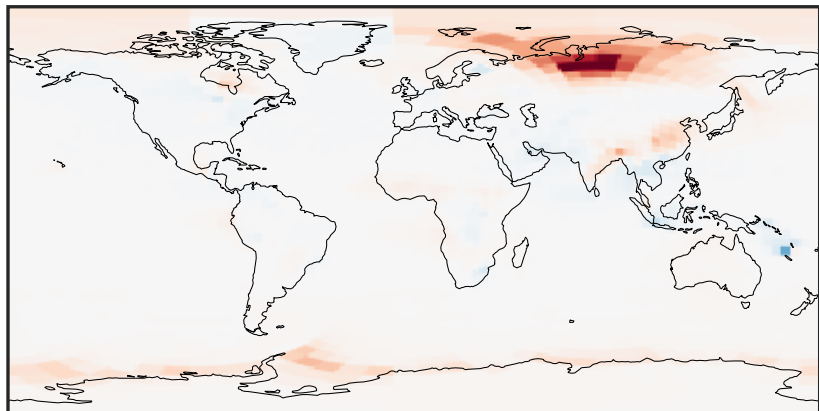
0.009 0.267 0.525 0.783 1.041
1

14.3.0-rc.0 (Dev)
c24



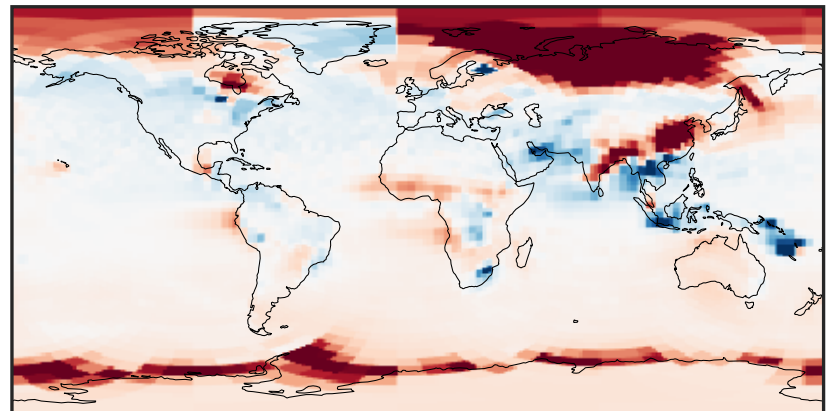
0.009 0.267 0.525 0.783 1.041
1

Difference (1x1.25)
Dev - Ref, Dynamic Range



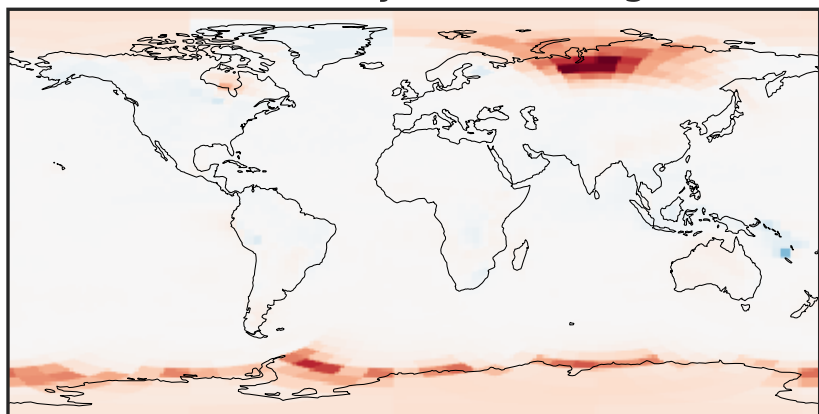
-0.003 0.000 0.003
1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



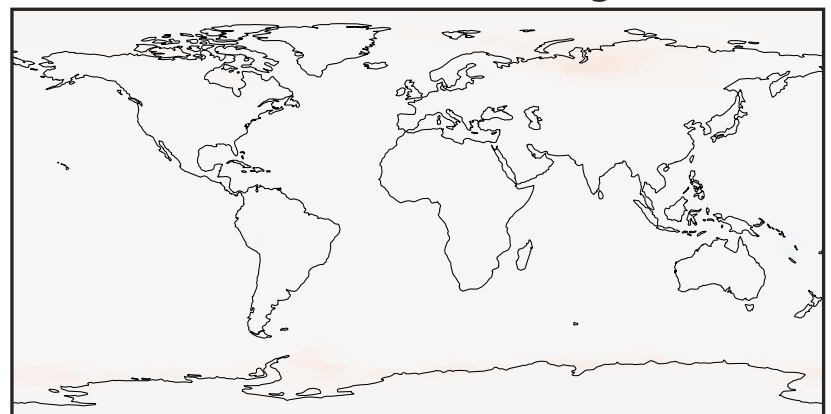
-0.0004 0.0000 0.0004
1

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.9390 0.9695 1.0000 1.0325 1.0649
unitless

Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless