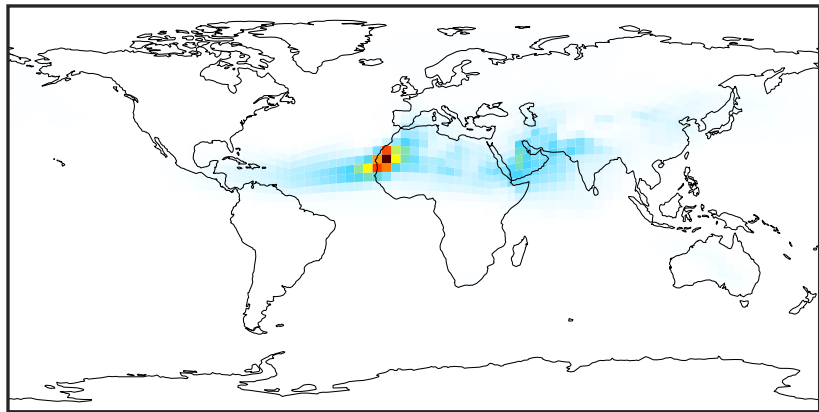


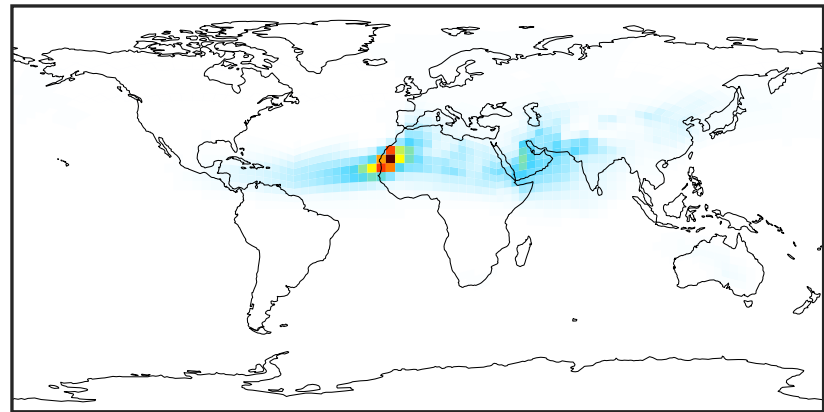
Column_AOD_Dust (Jul2019)

14.2.0-rc.2 (Ref)
c24



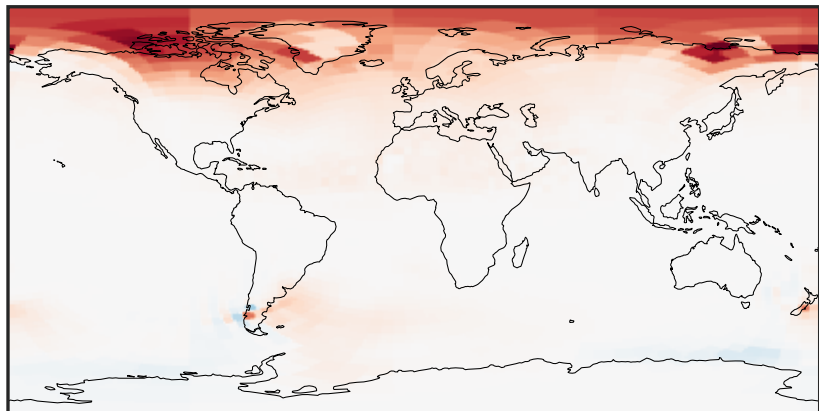
0.0001 0.2491 0.4981 0.7471 0.9962
1

14.3.0-rc.0 (Dev)
c24



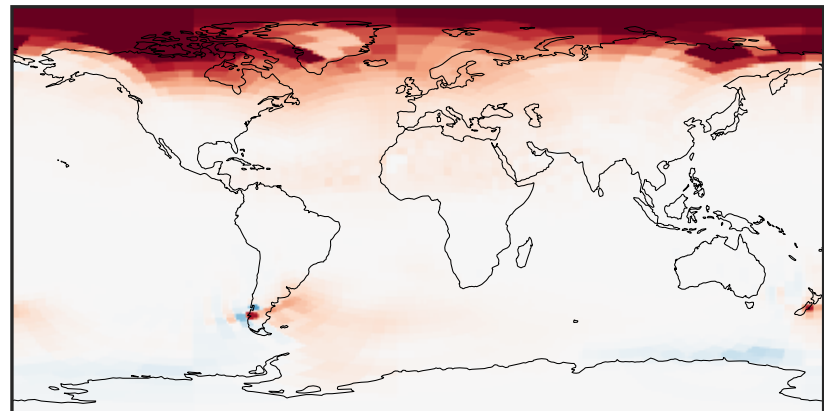
0.0001 0.2491 0.4981 0.7471 0.9962
1

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



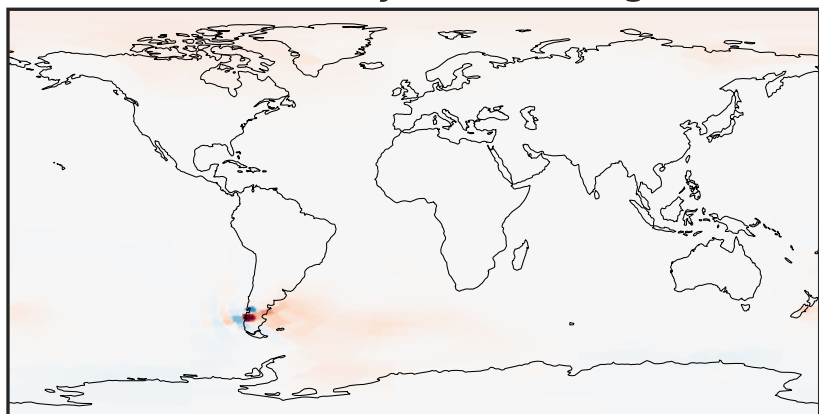
-6 0 6
1 1e-7

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



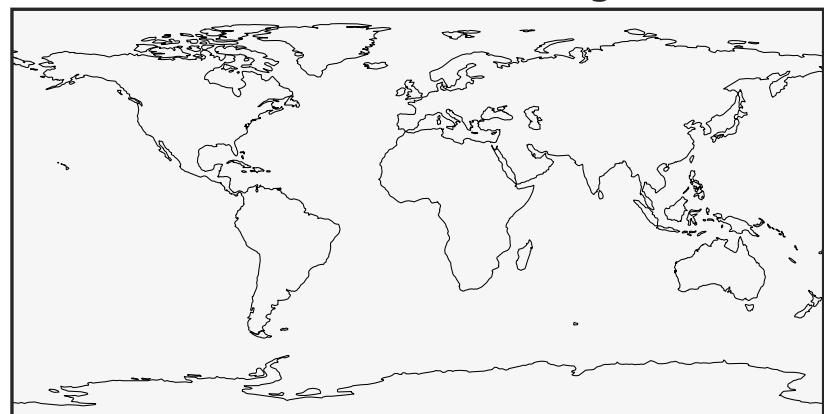
-4 0 4
1 1e-7

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



0.996410 0.998205 1.000000 1.001802 1.003603
unitless

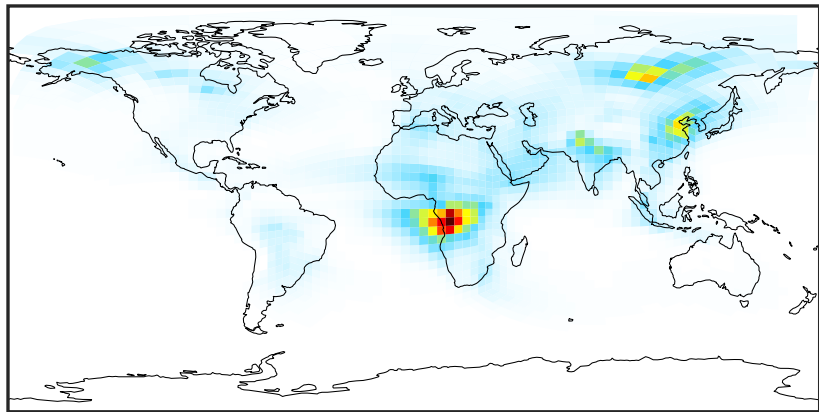
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

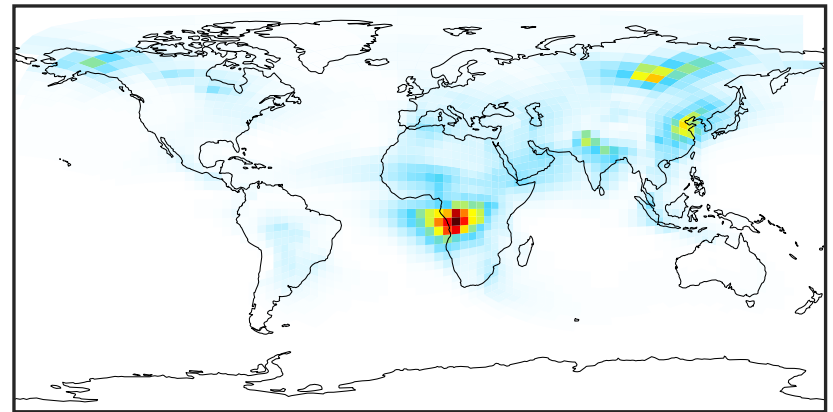
Column_AOD_BCPI (Jul2019)

14.2.0-rc.2 (Ref)
c24



0.015 0.030 0.045
1

14.3.0-rc.0 (Dev)
c24



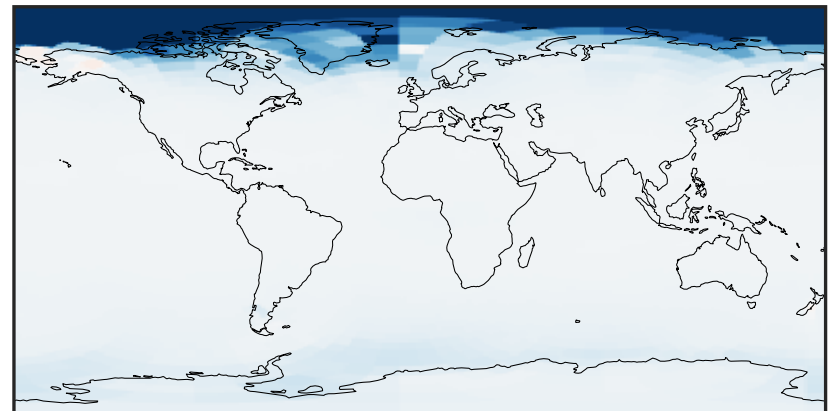
0.015 0.030 0.045
1

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



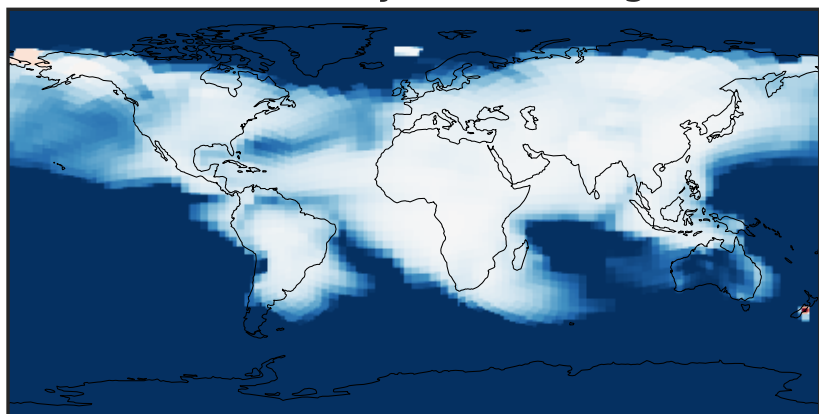
-8 0 8
1 1e-6

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



-3 0 3
1 1e-6

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



0.998950 0.999475 1.000000 1.000525 1.001051
unitless

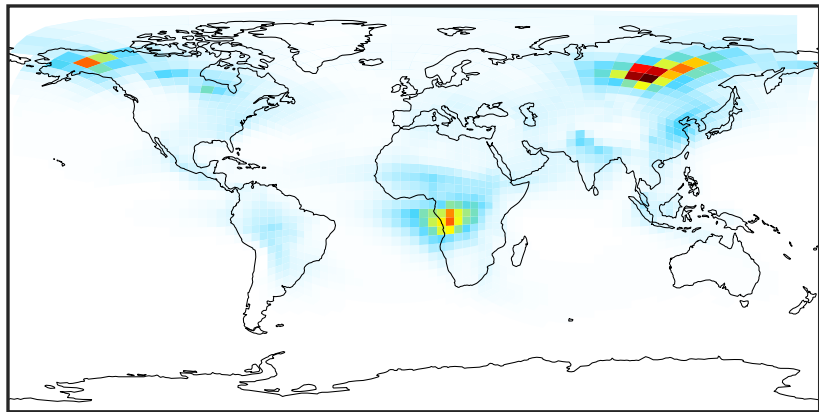
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

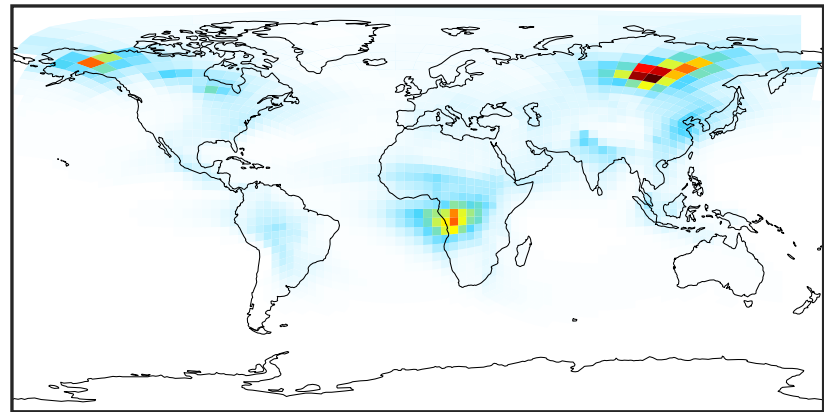
Column_AOD_OCPI (Jul2019)

14.2.0-rc.2 (Ref)
c24



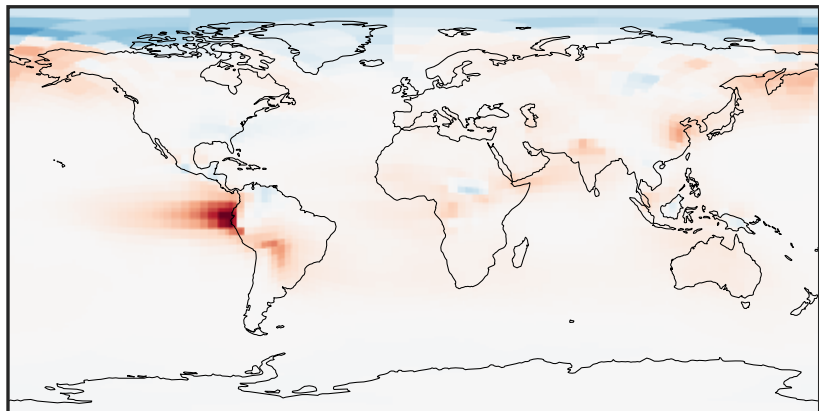
0.0007 0.1897 0.3788 0.5678 0.7569
1

14.3.0-rc.0 (Dev)
c24



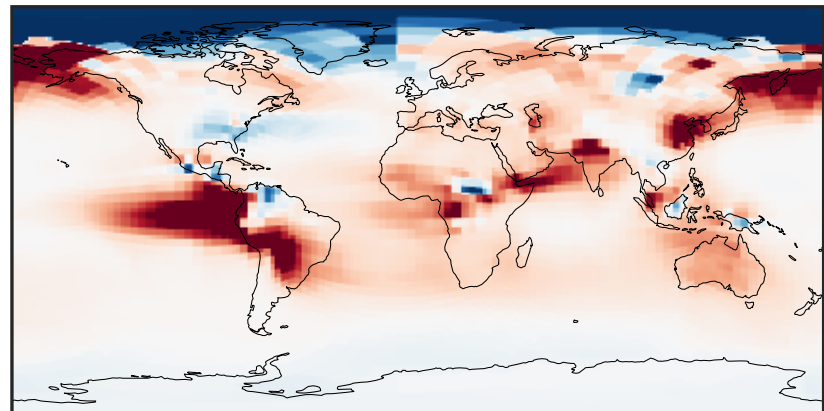
0.0007 0.1897 0.3788 0.5678 0.7569
1

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



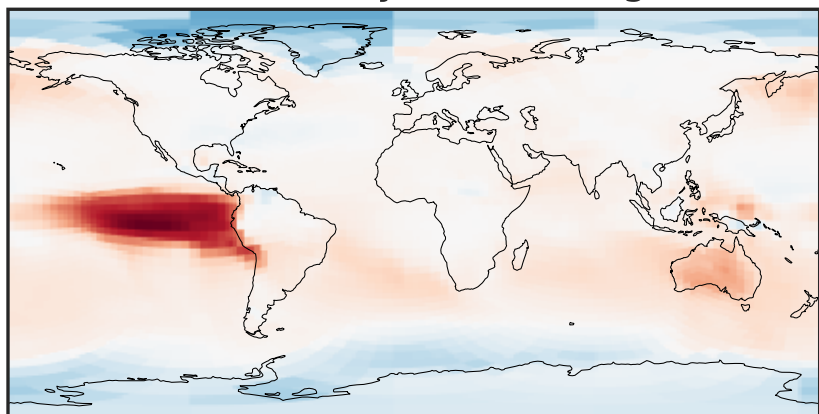
-0.0004 0.0000 0.0004
1

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



-8 0 8
1 1e-5

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



0.97389 0.98694 1.00000 1.01341 1.02681
unitless

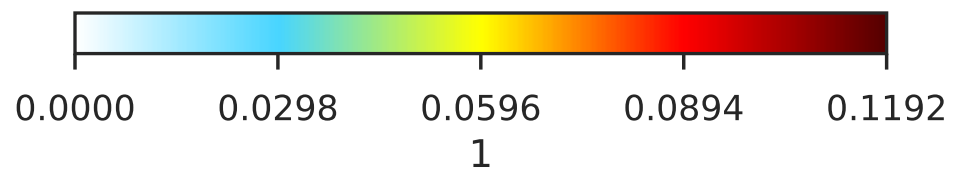
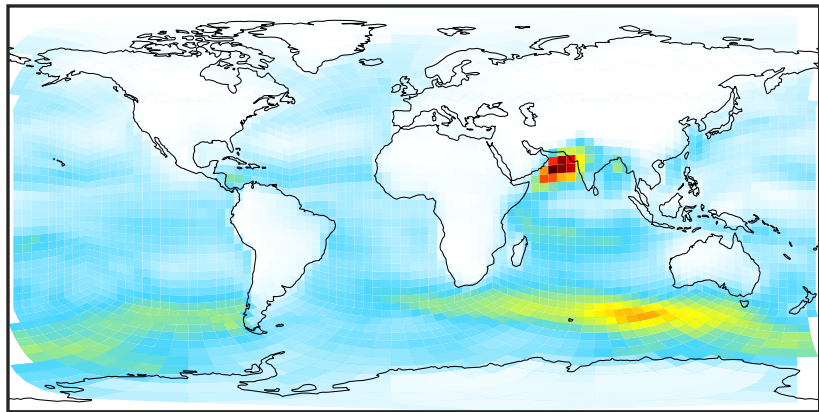
Ratio (1x1.25)
Dev/Ref, Fixed Range



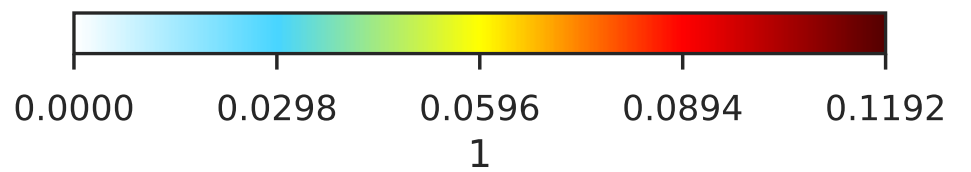
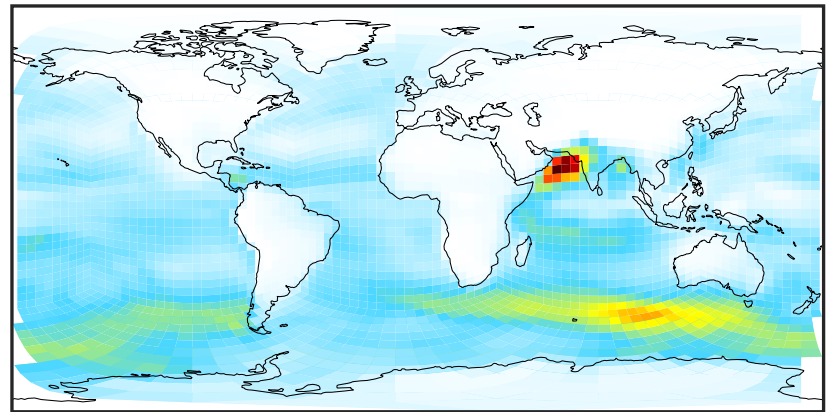
0.50 0.75 1.00 1.50 2.00
unitless

Column_AOD_SALA (Jul2019)

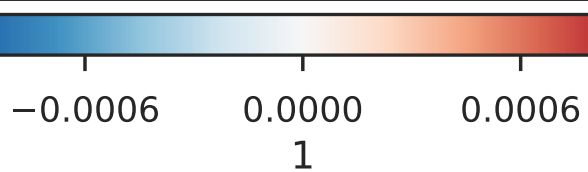
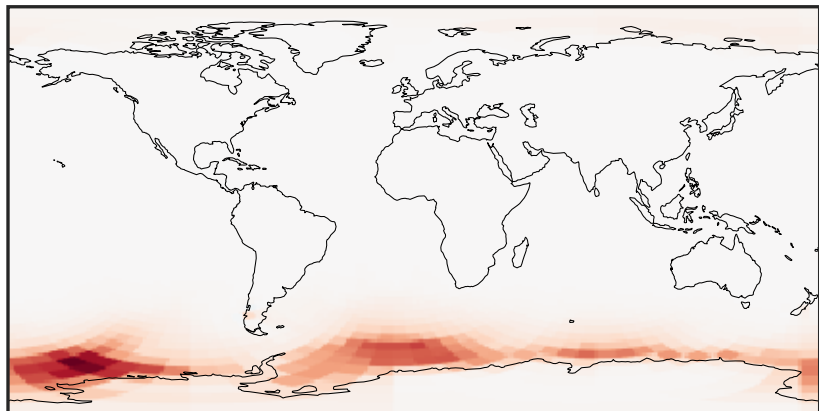
14.2.0-rc.2 (Ref)
c24



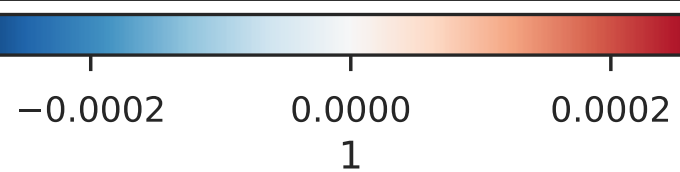
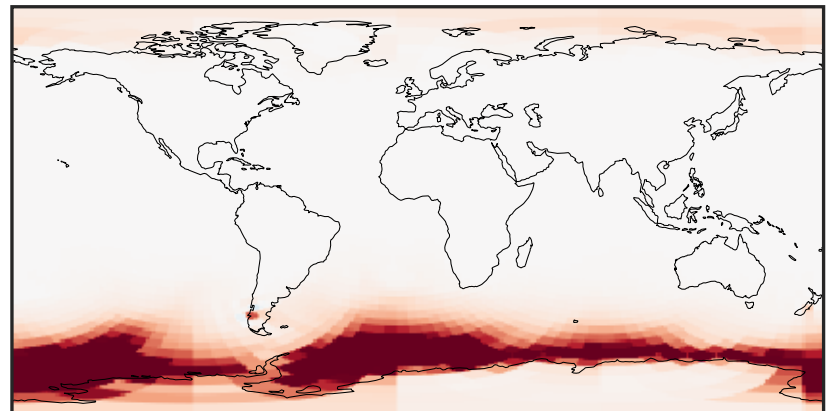
14.3.0-rc.0 (Dev)
c24



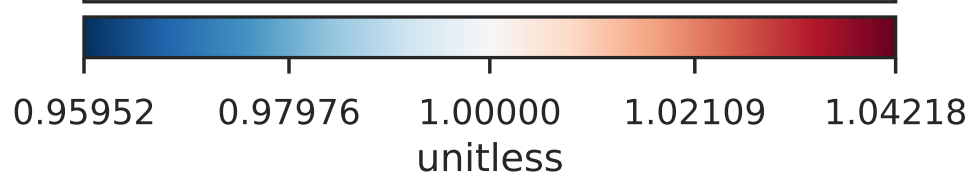
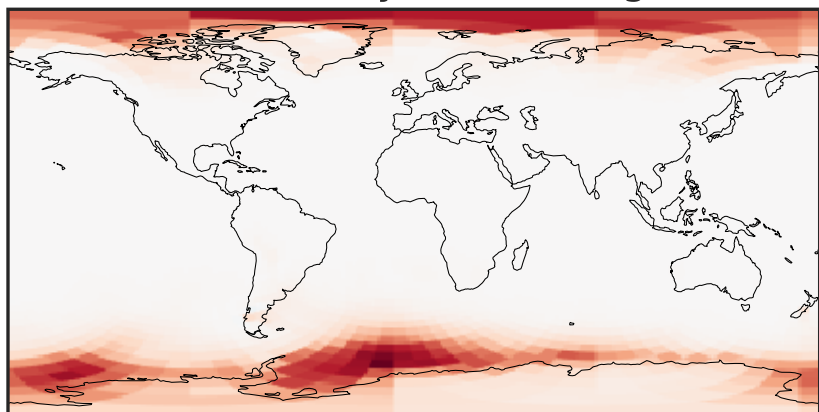
Difference (1x1.25)
Dev - Ref, Dynamic Range



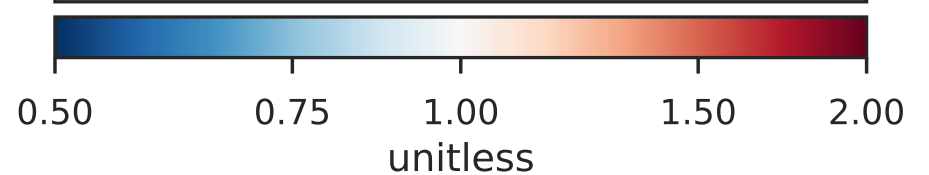
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

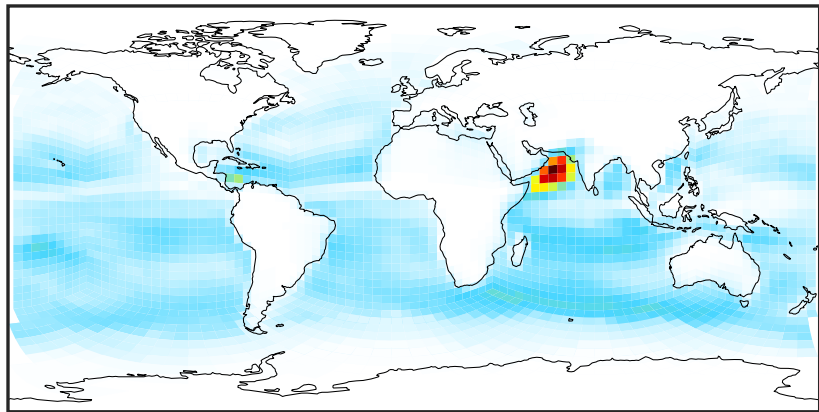


Ratio (1x1.25)
Dev/Ref, Fixed Range



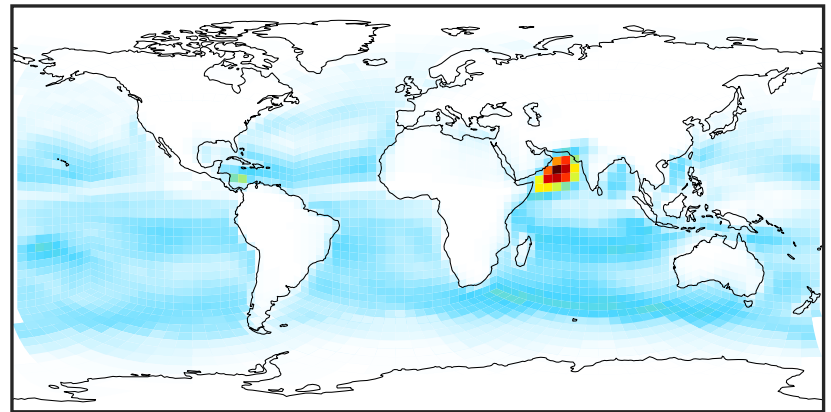
Column_AOD_SALC (Jul2019)

14.2.0-rc.2 (Ref)
c24



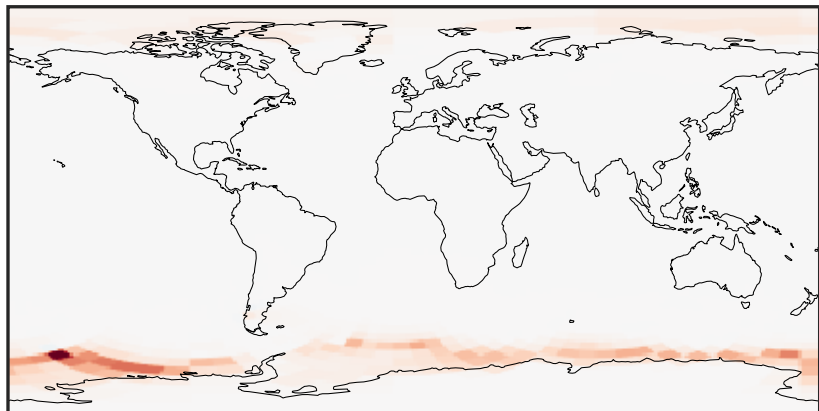
0.0000 0.0945 0.1889 0.2834 0.3779
1

14.3.0-rc.0 (Dev)
c24



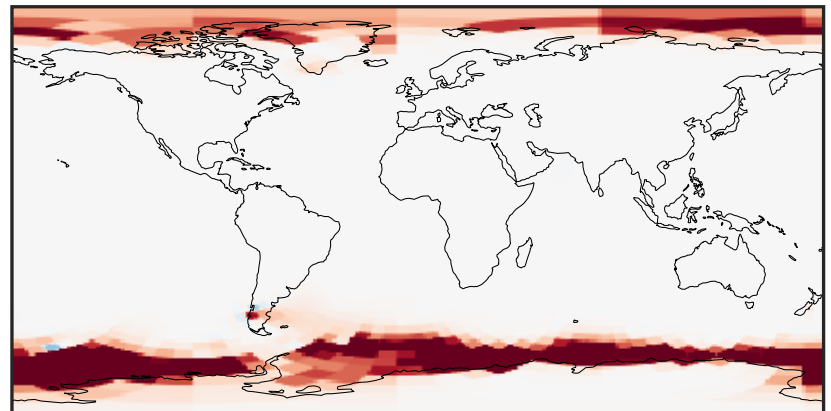
0.0000 0.0945 0.1889 0.2834 0.3779
1

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



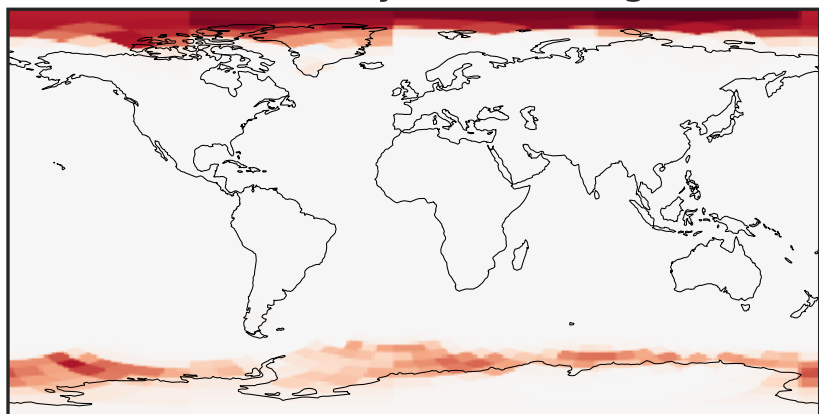
-0.0015 0.0000 0.0015
1

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



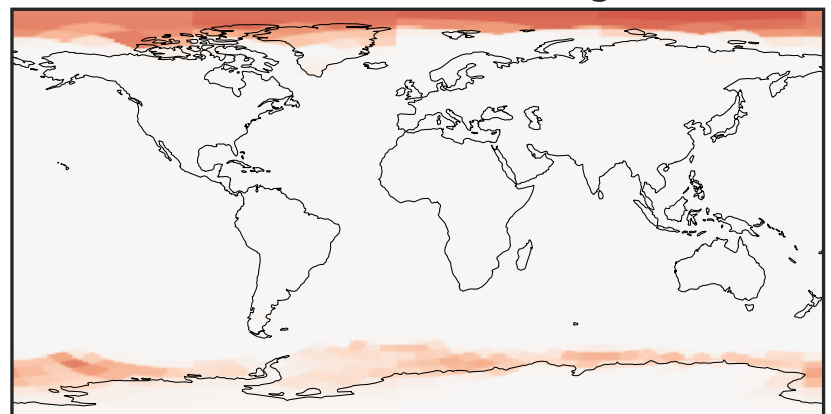
-0.00015 0.00000 0.00015
1

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



0.6523 0.8261 1.0000 1.2665 1.5331
unitless

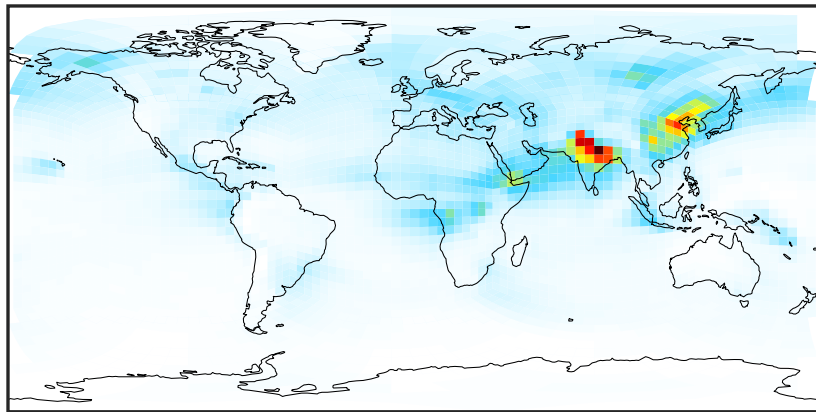
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

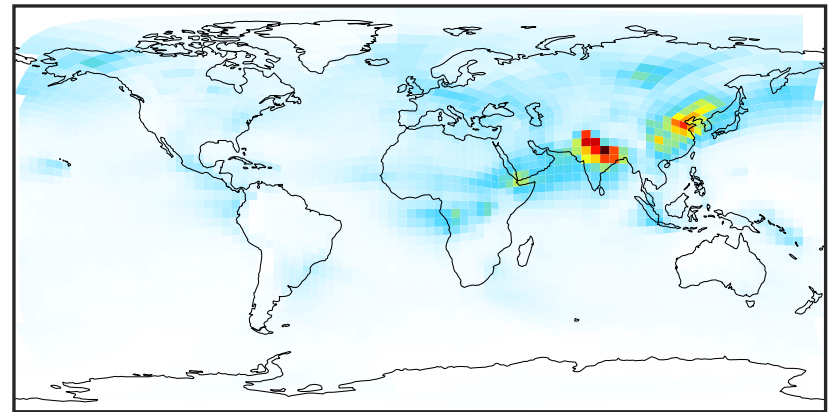
Column_AOD_SO4 (Jul2019)

14.2.0-rc.2 (Ref)
c24



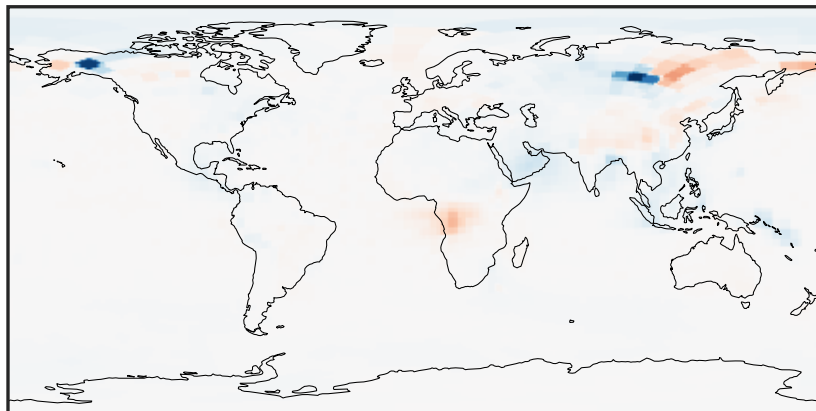
0.0017 0.1329 0.2641 0.3954 0.5266
1

14.3.0-rc.0 (Dev)
c24



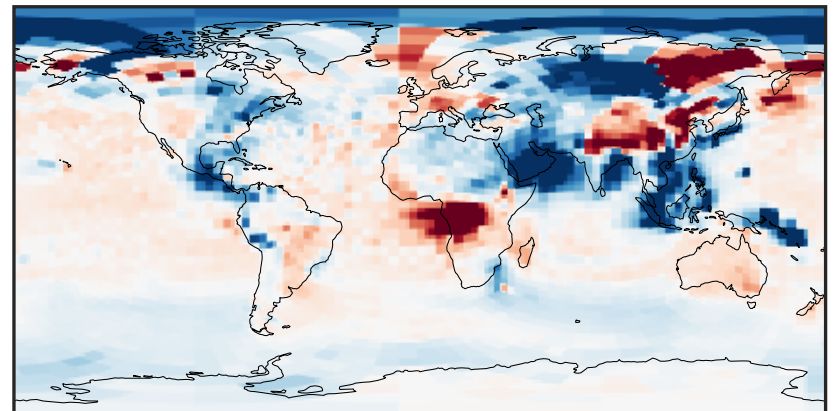
0.0017 0.1329 0.2641 0.3954 0.5266
1

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



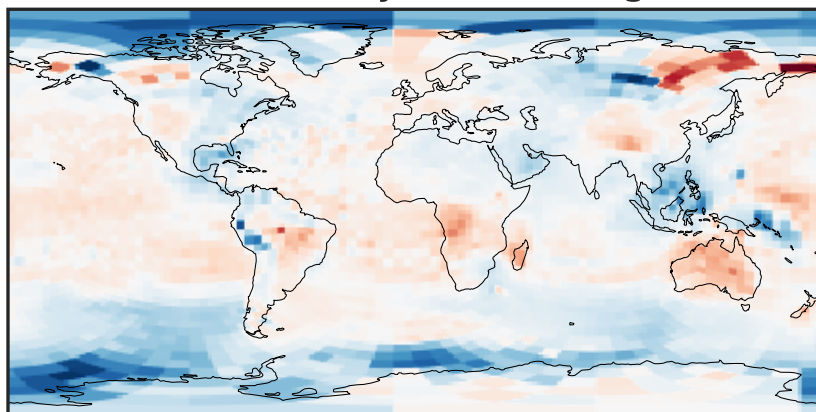
-0.0025 0.0000 0.0025
1

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



-0.00015 0.00000 0.00015
1

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



0.97704 0.98852 1.00000 1.01175 1.02350
unitless

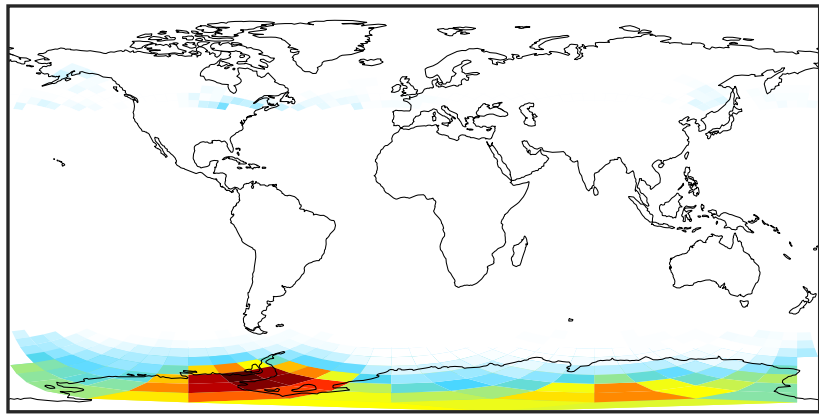
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

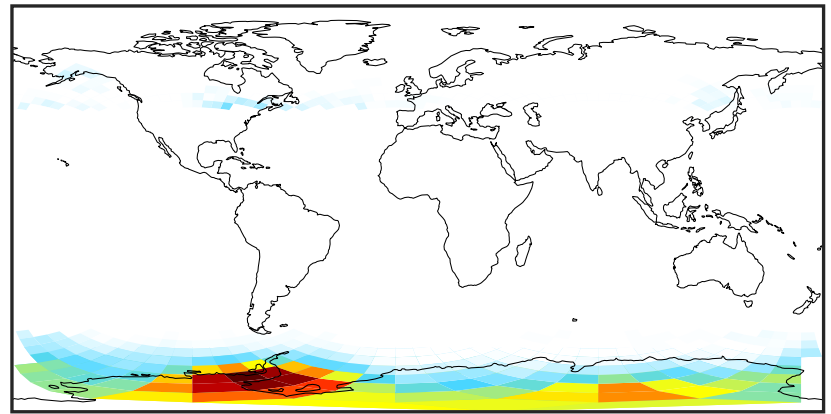
Column_AOD_Polar_Strat_Cloud (Jul2019)

14.2.0-rc.2 (Ref)
c24



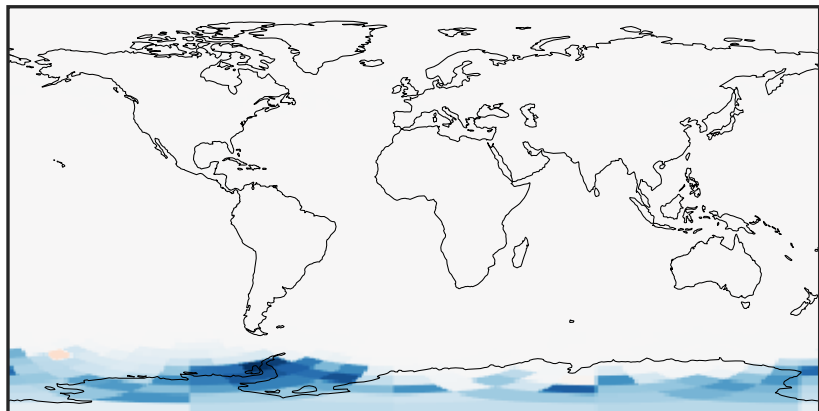
0.0000 0.0327 0.0654 0.0981 0.1308
1

14.3.0-rc.0 (Dev)
c24



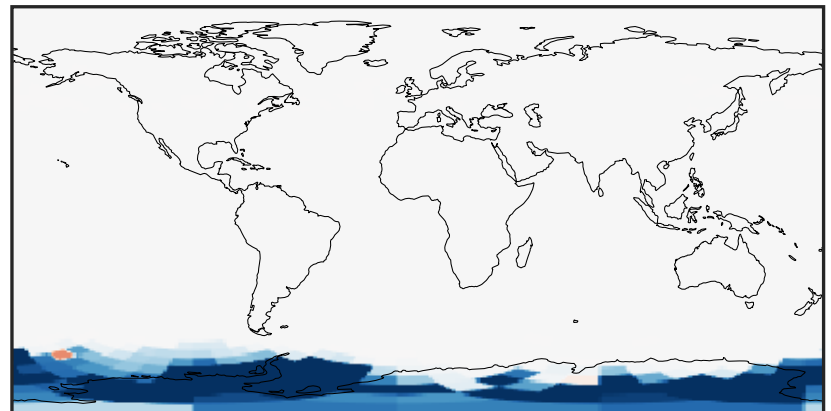
0.0000 0.0327 0.0654 0.0981 0.1308
1

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



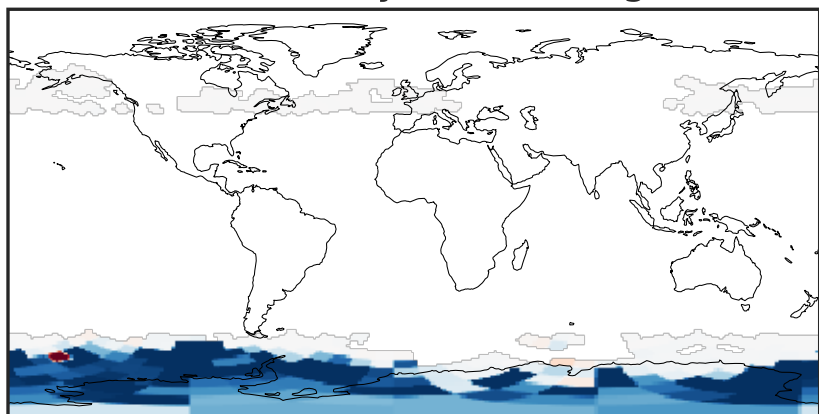
-0.0004 0.0000 0.0004
1

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



-0.00015 0.00000 0.00015
1

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



0.99386 0.99693 1.00000 1.00309 1.00617
unitless

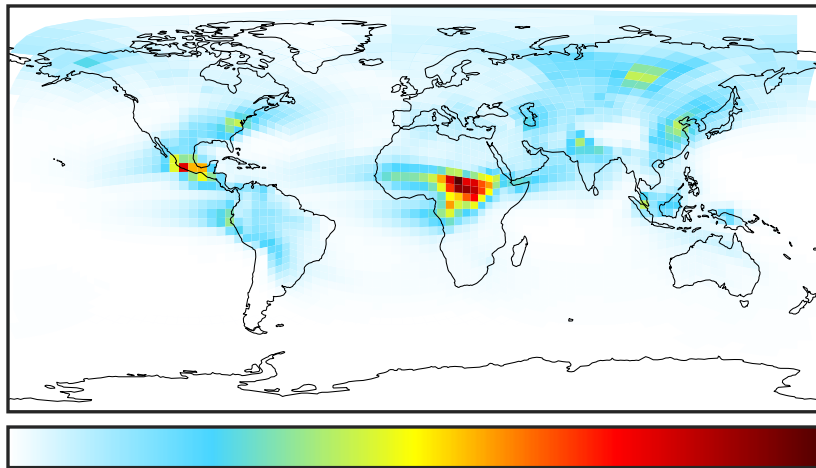
Ratio (1x1.25)
Dev/Ref, Fixed Range



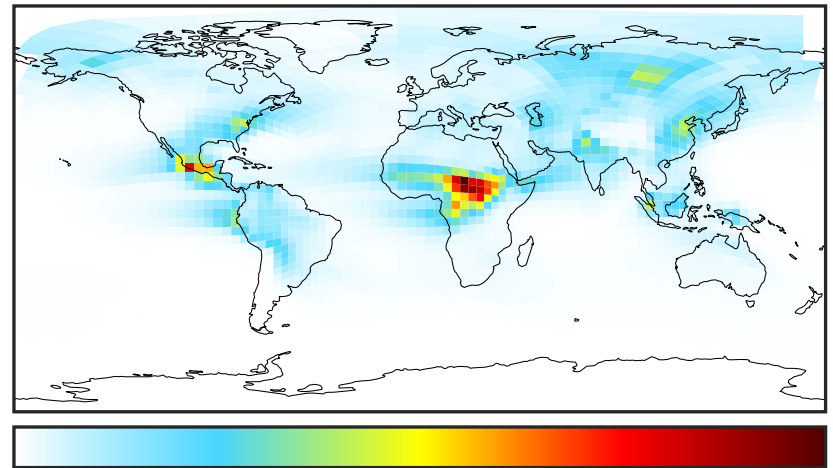
0.50 0.75 1.00 1.50 2.00
unitless

Column_AOD_SOA_from_Aqueous_ISOP (Jul2019)

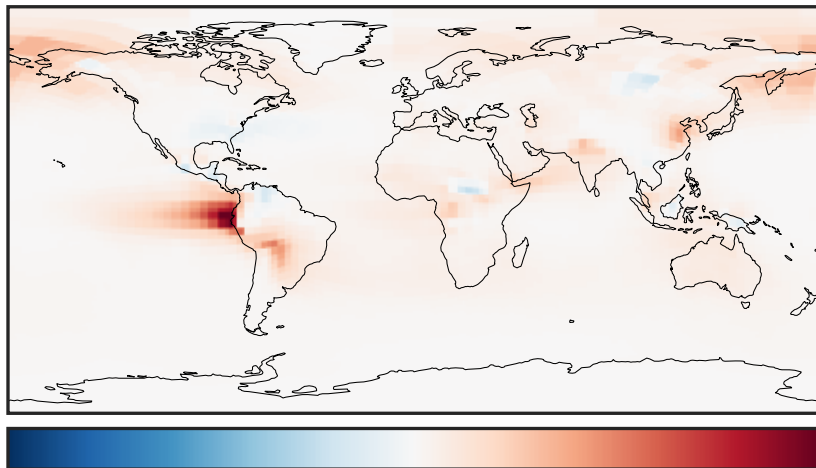
14.2.0-rc.2 (Ref)
c24



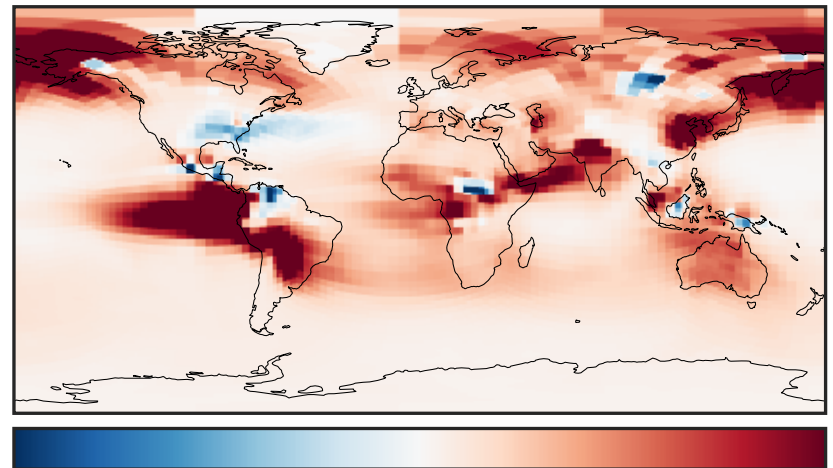
14.3.0-rc.0 (Dev)
c24



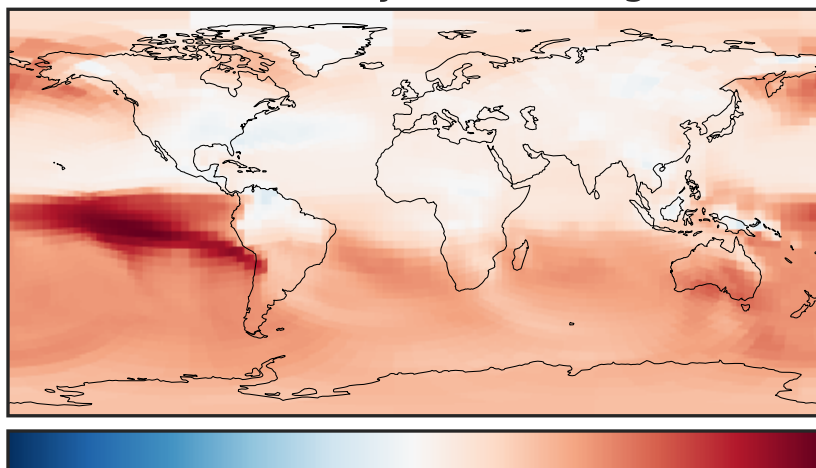
Difference (1x1.25)
Dev - Ref, Dynamic Range



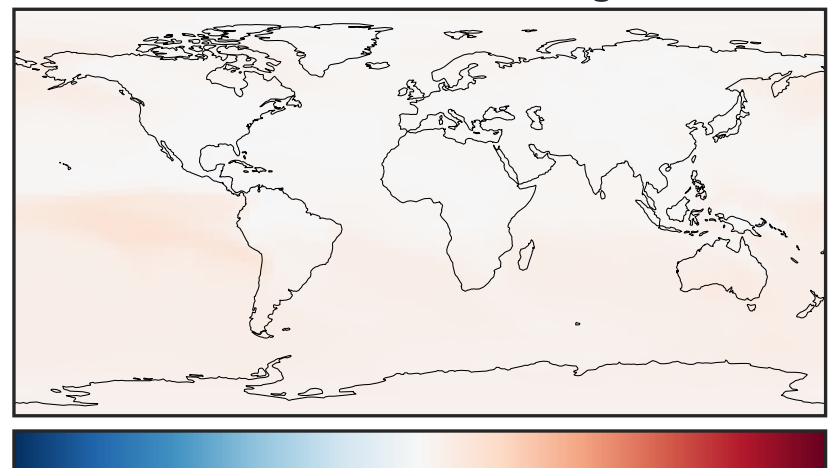
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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



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

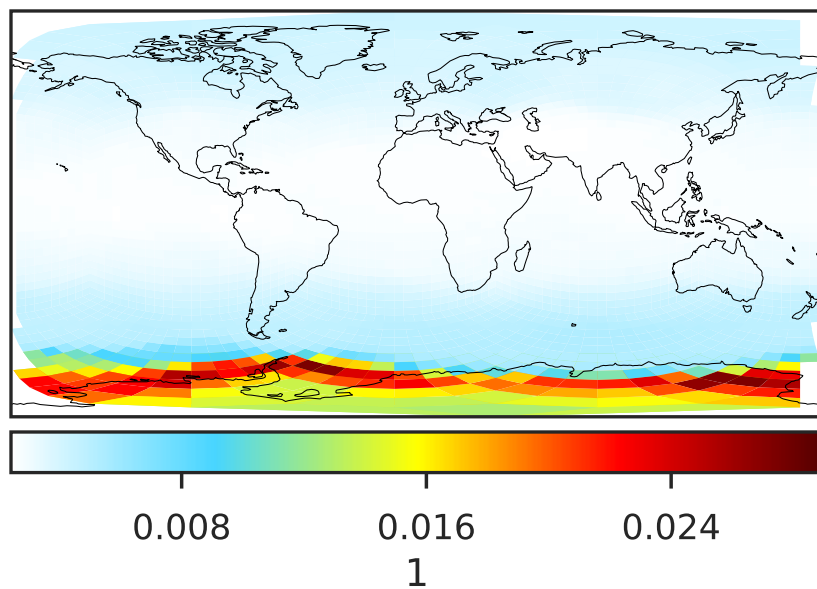


0.9062 0.9531 1.0000 1.0517 1.1035
unitless

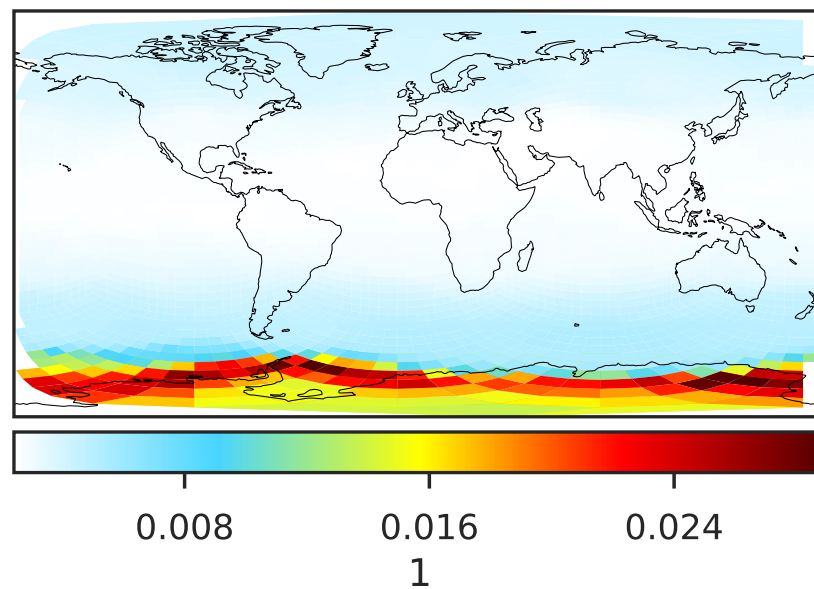
0.50 0.75 1.00 1.50 2.00
unitless

Column_AOD_Strat_Liquid_Aerosol (Jul2019)

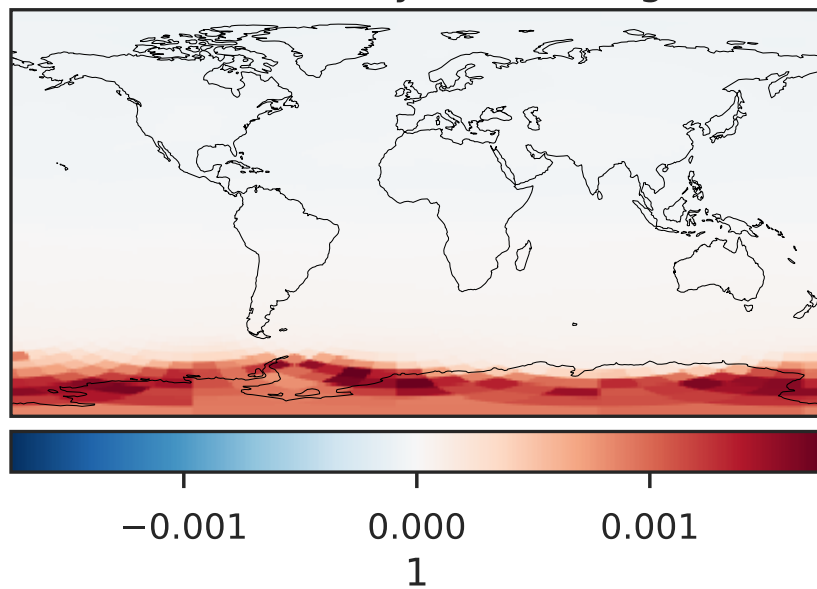
14.2.0-rc.2 (Ref)
c24



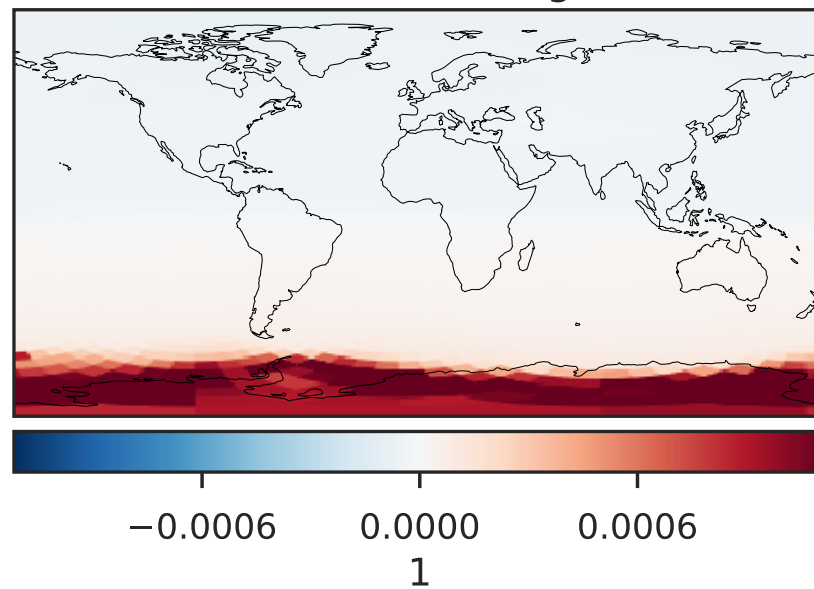
14.3.0-rc.0 (Dev)
c24



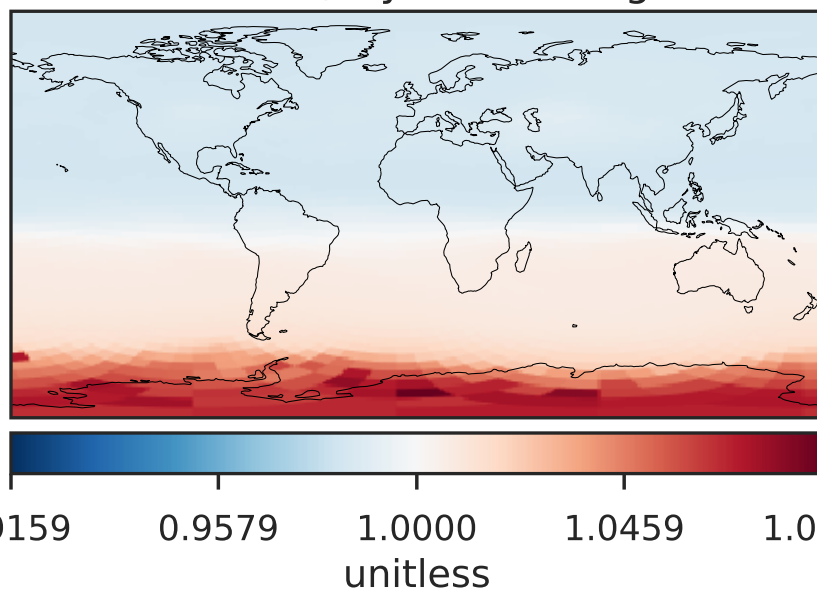
Difference (1x1.25)
Dev - Ref, Dynamic Range



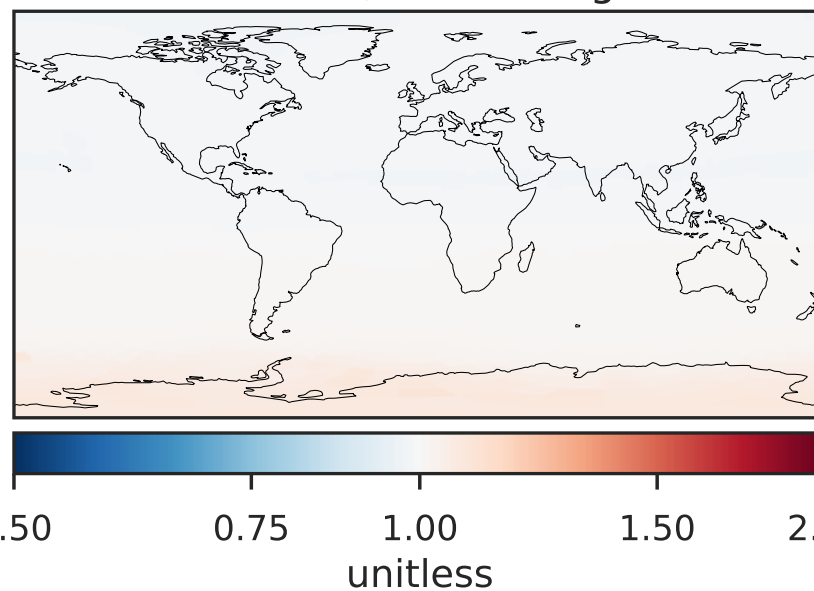
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

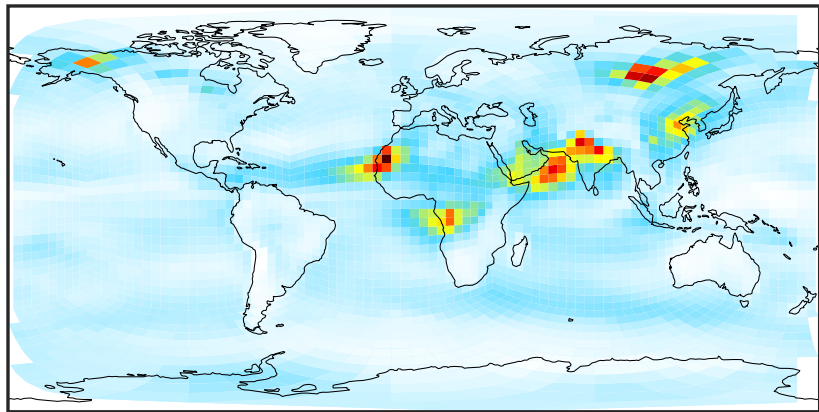


Ratio (1x1.25)
Dev/Ref, Fixed Range



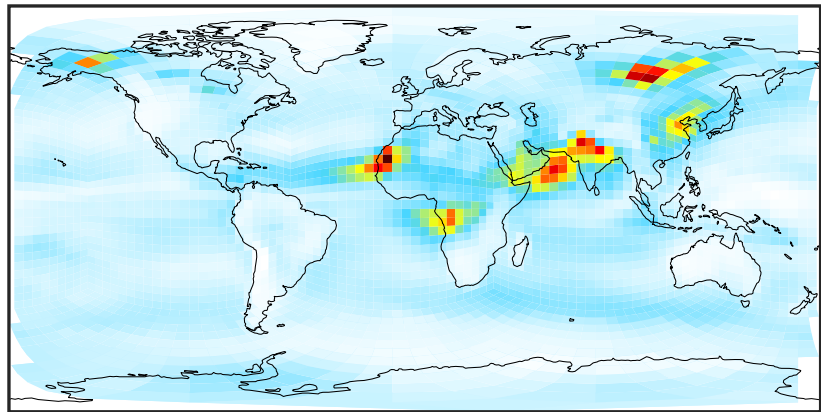
Column_AOD_Total (Jul2019)

14.2.0-rc.2 (Ref)
c24



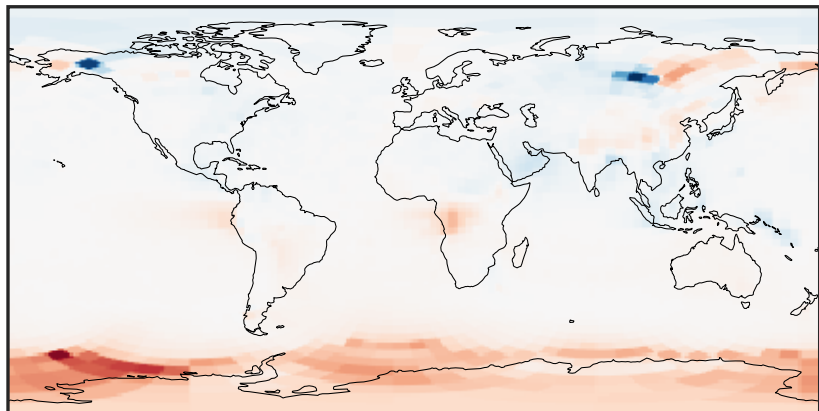
0.009 0.274 0.539 0.804 1.068
1

14.3.0-rc.0 (Dev)
c24



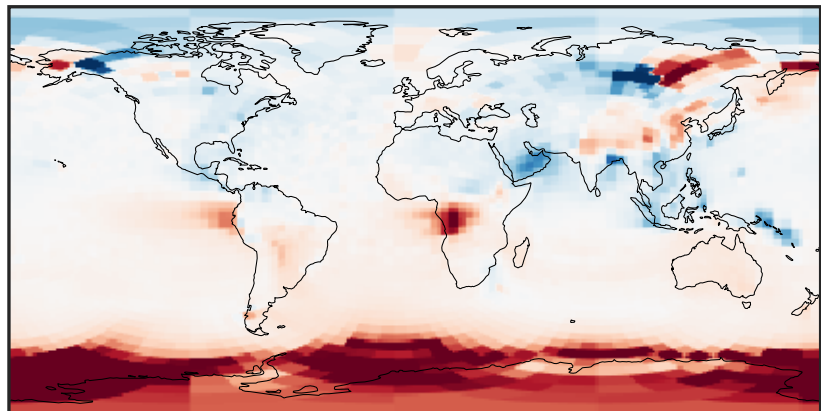
0.009 0.274 0.539 0.804 1.068
1

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



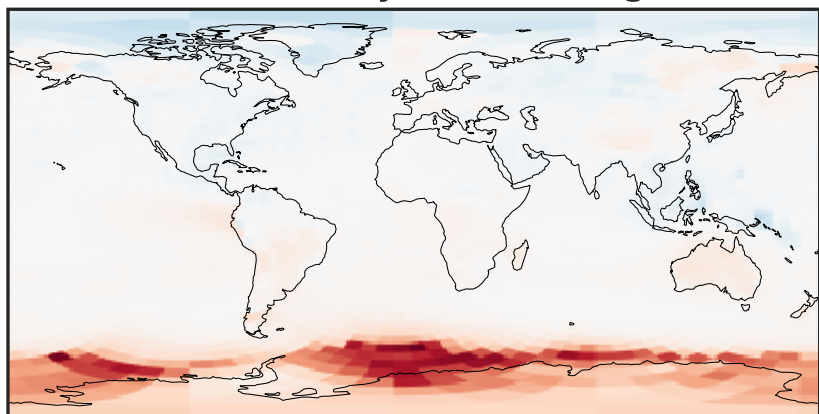
-0.0025 0.0000 0.0025
1

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



-0.0008 0.0000 0.0008
1

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



0.95737 0.97869 1.00000 1.02226 1.04453
unitless

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



0.50 0.75 1.00 1.50 2.00
unitless