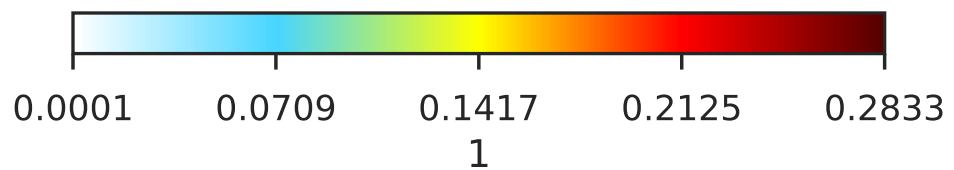
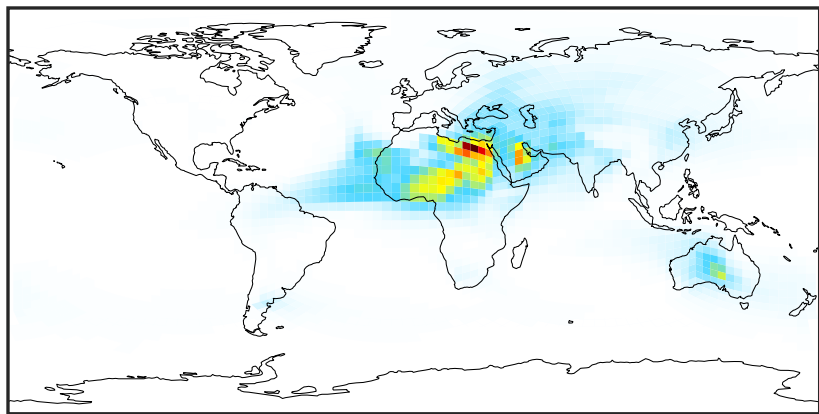
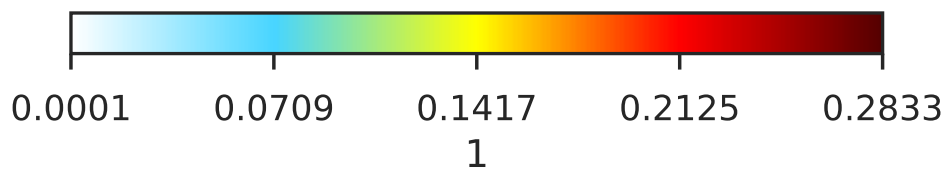
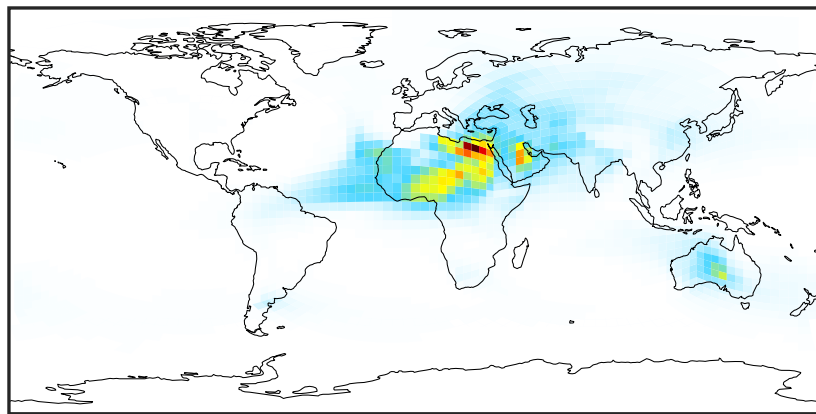


# Column\_AOD\_Dust (Jan2019)

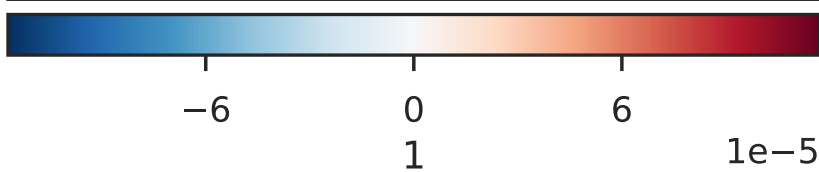
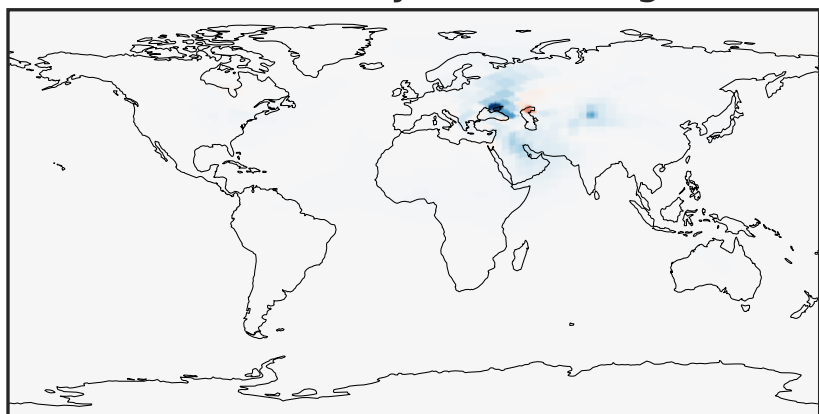
14.2.0-rc.2 (Ref)  
c24



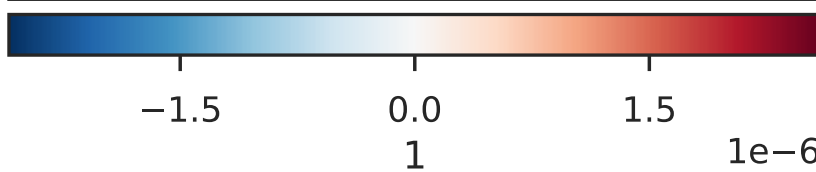
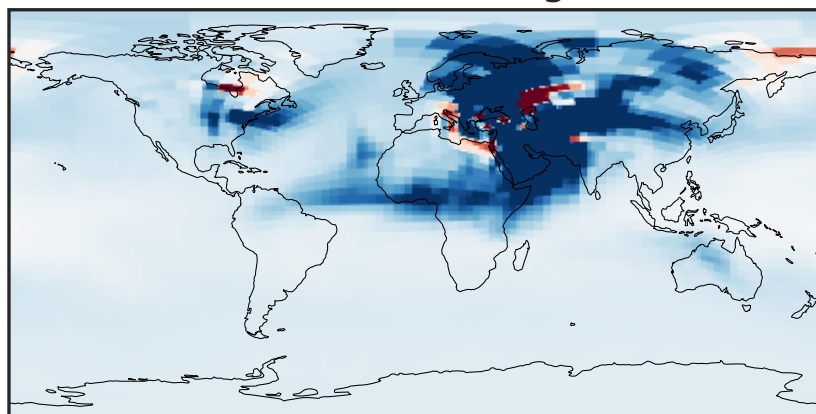
14.3.0-rc.0 (Dev)  
c24



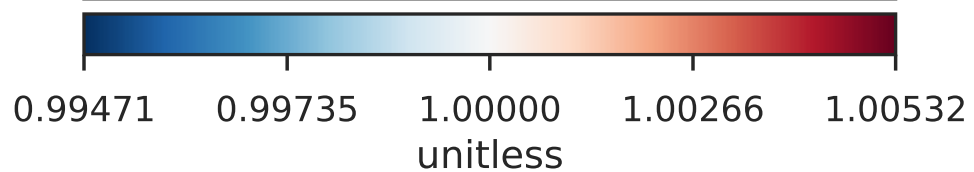
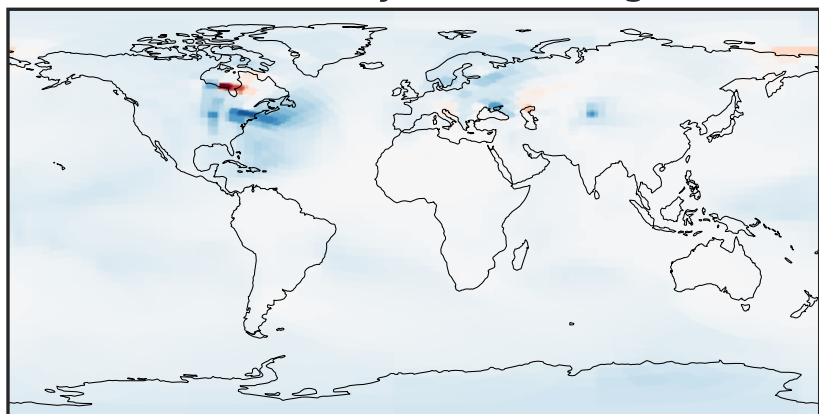
Difference (1x1.25)  
Dev - Ref, Dynamic Range



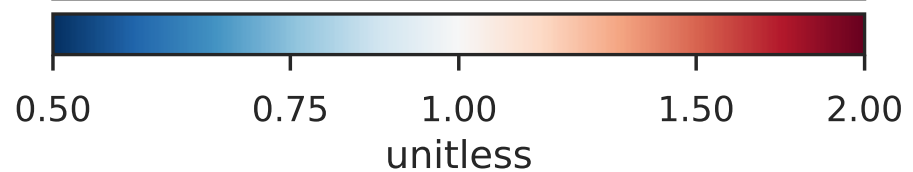
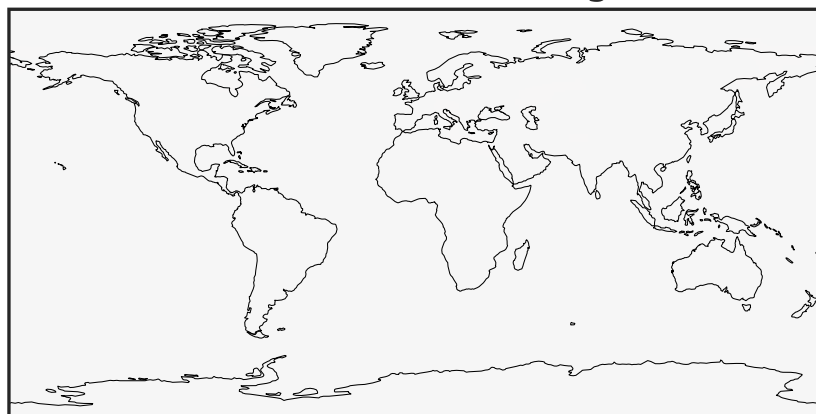
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

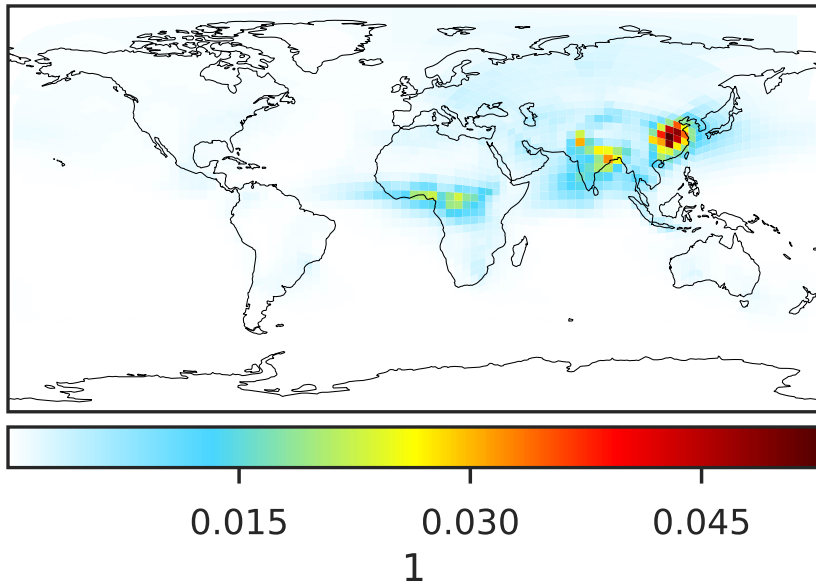


Ratio (1x1.25)  
Dev/Ref, Fixed Range

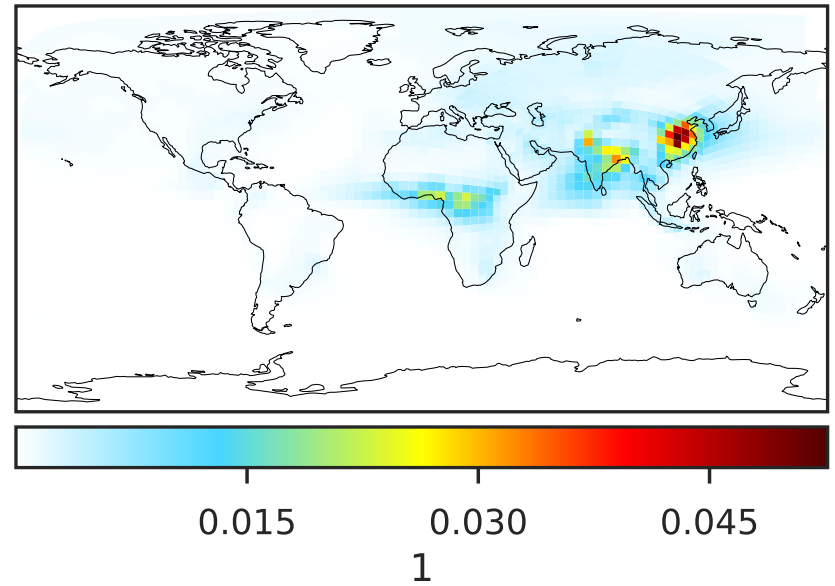


# Column\_AOD\_BCPI (Jan2019)

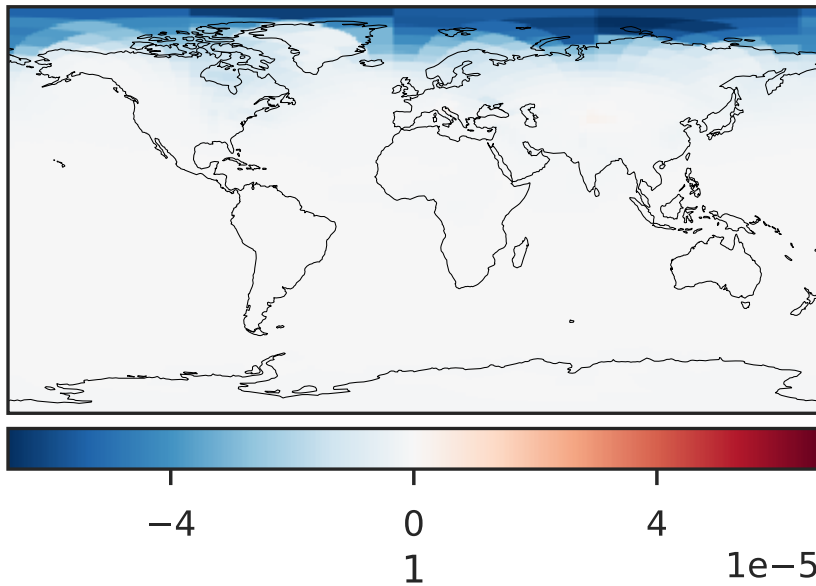
14.2.0-rc.2 (Ref)  
c24



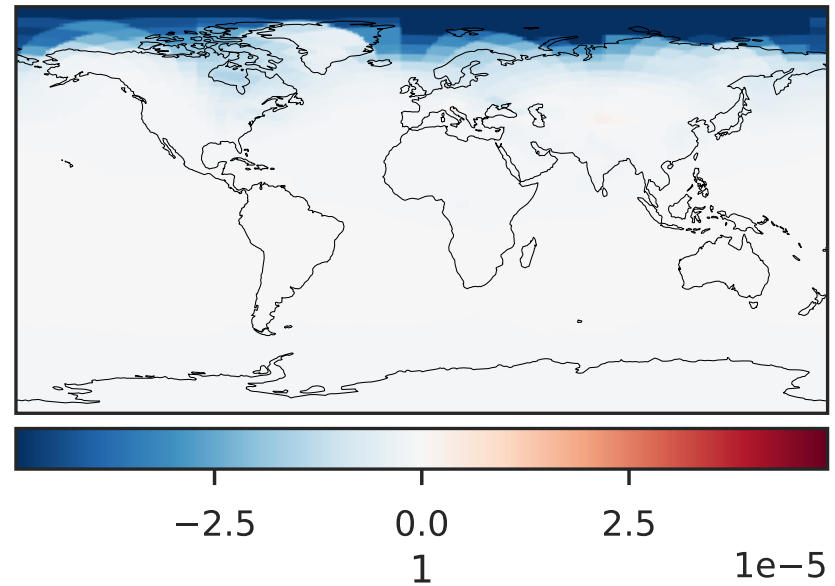
14.3.0-rc.0 (Dev)  
c24



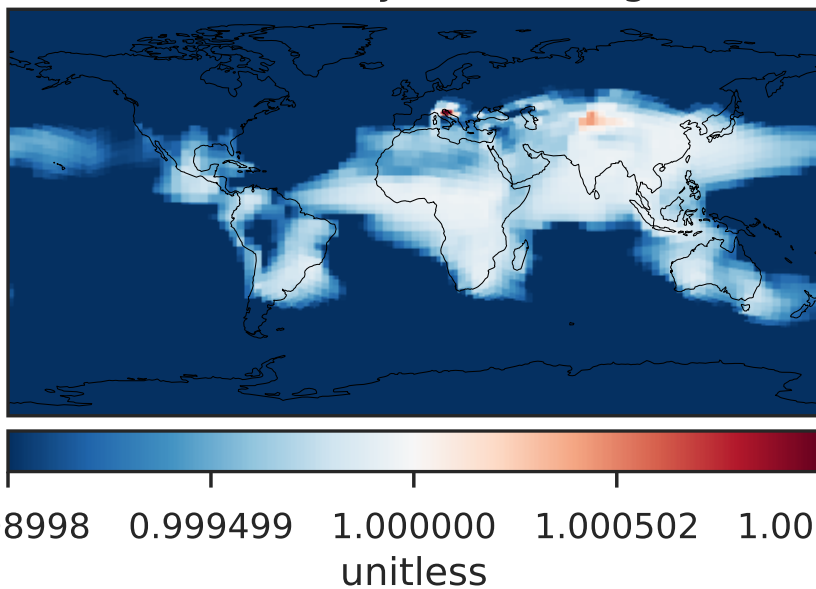
Difference (1x1.25)  
Dev - Ref, Dynamic Range



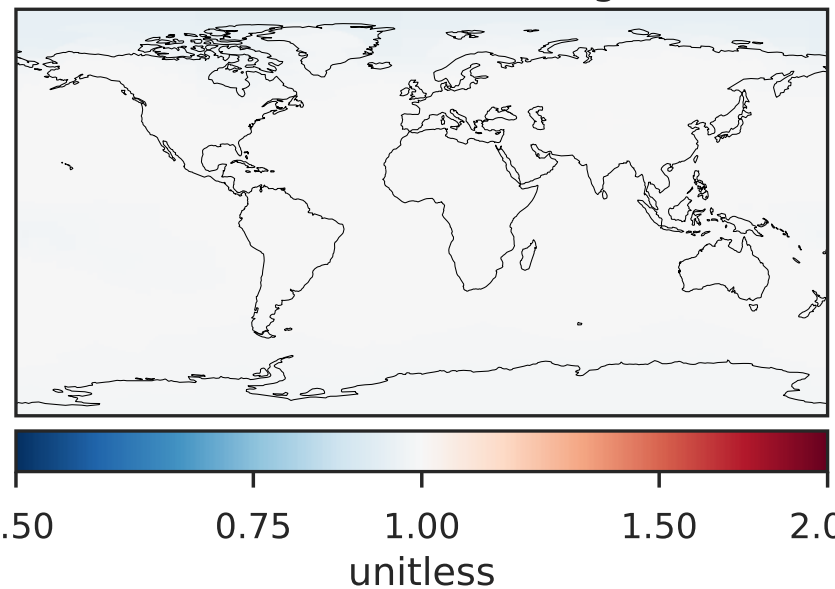
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

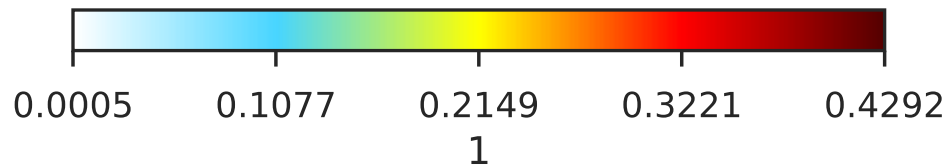
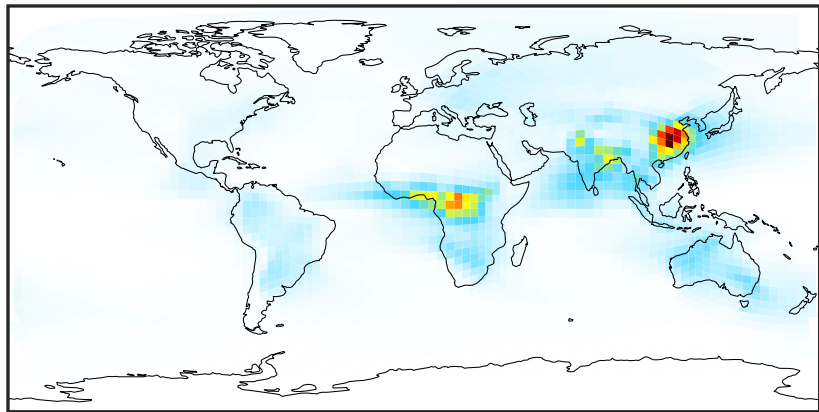


Ratio (1x1.25)  
Dev/Ref, Fixed Range

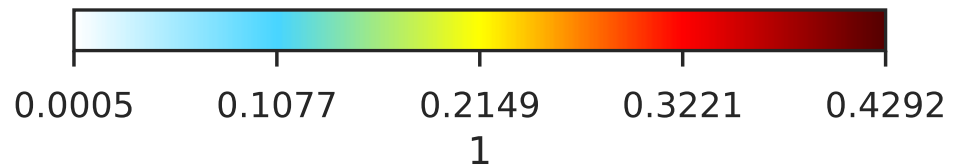
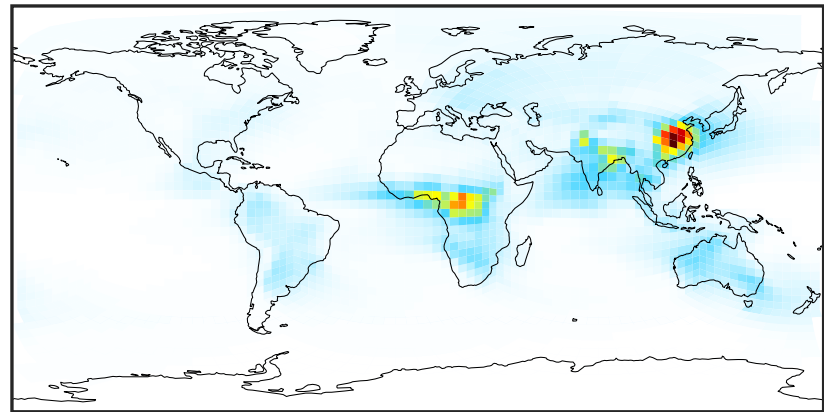


# Column\_AOD\_OCPI (Jan2019)

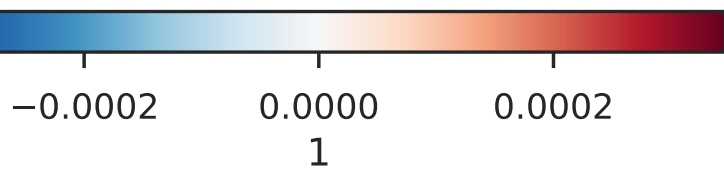
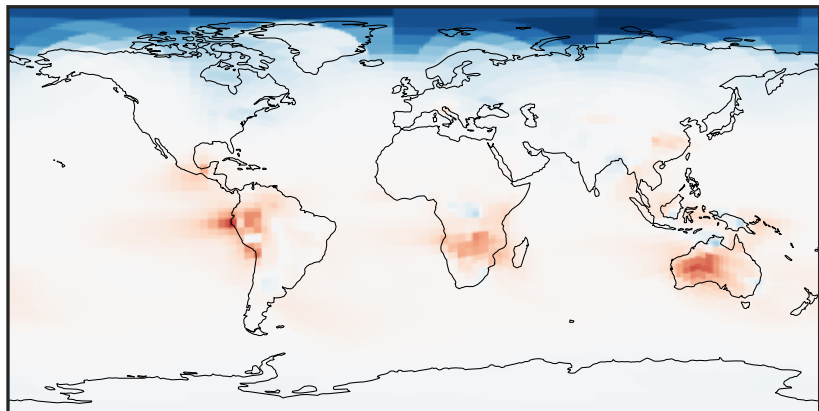
14.2.0-rc.2 (Ref)  
c24



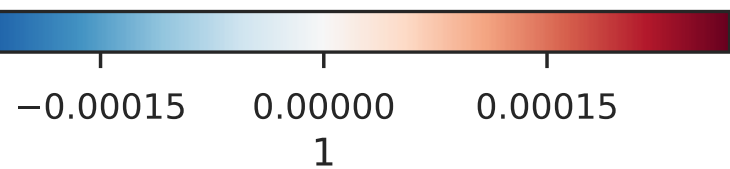
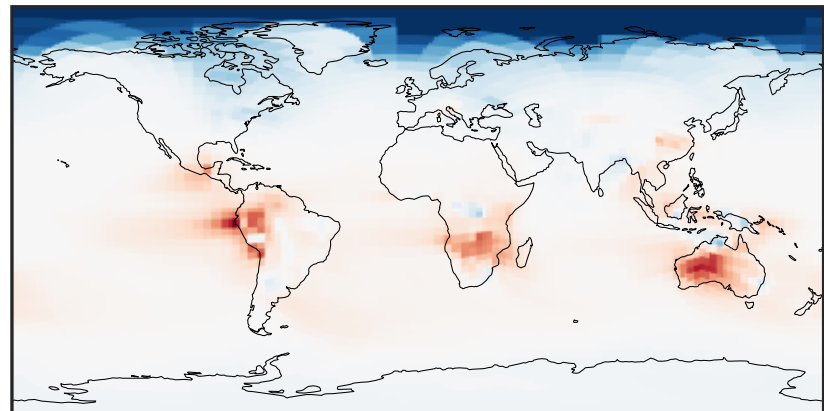
14.3.0-rc.0 (Dev)  
c24



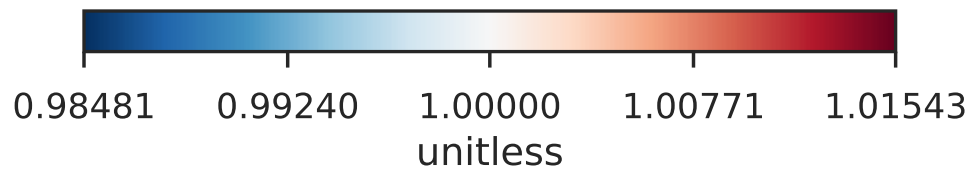
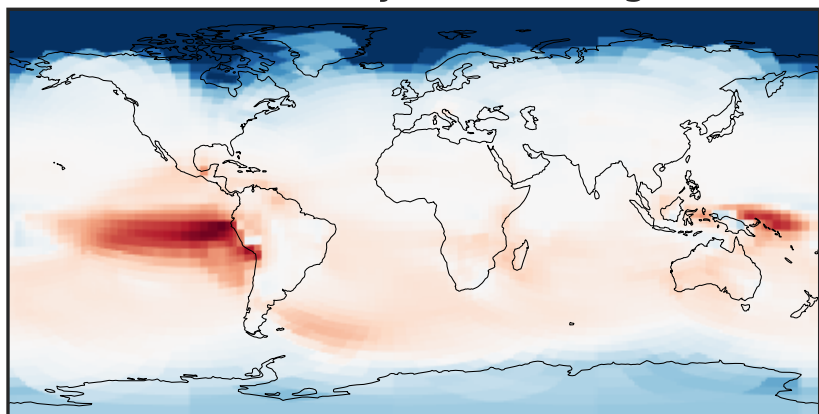
Difference (1x1.25)  
Dev - Ref, Dynamic Range



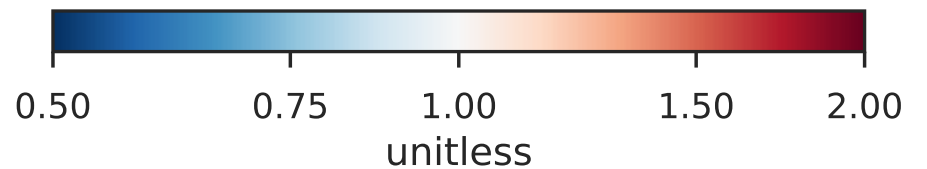
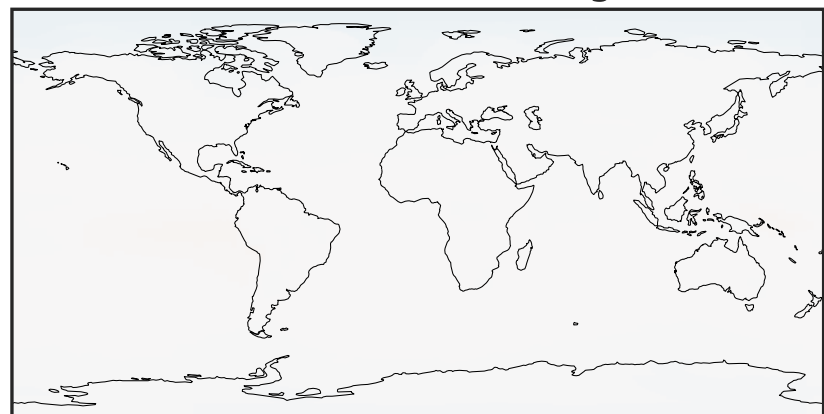
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

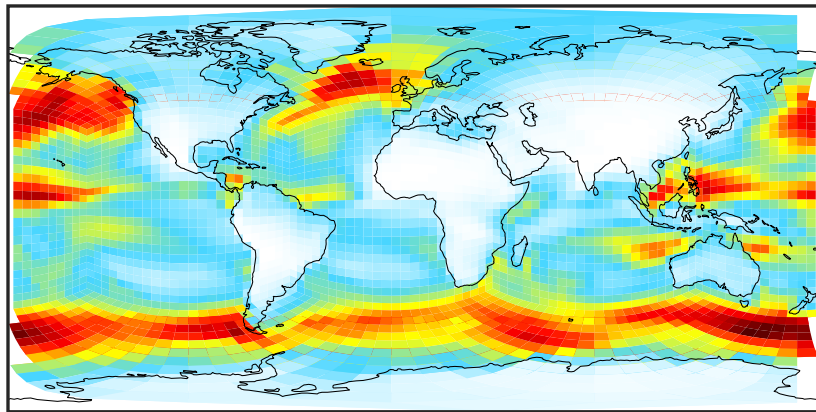


Ratio (1x1.25)  
Dev/Ref, Fixed Range



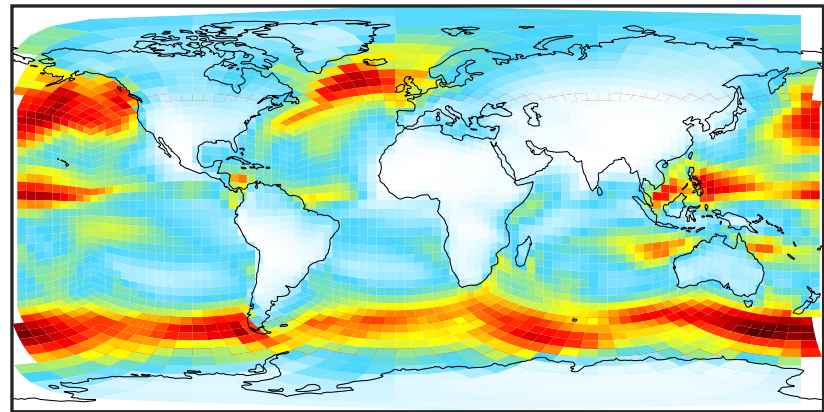
# Column\_AOD\_SALA (Jan2019)

14.2.0-rc.2 (Ref)  
c24



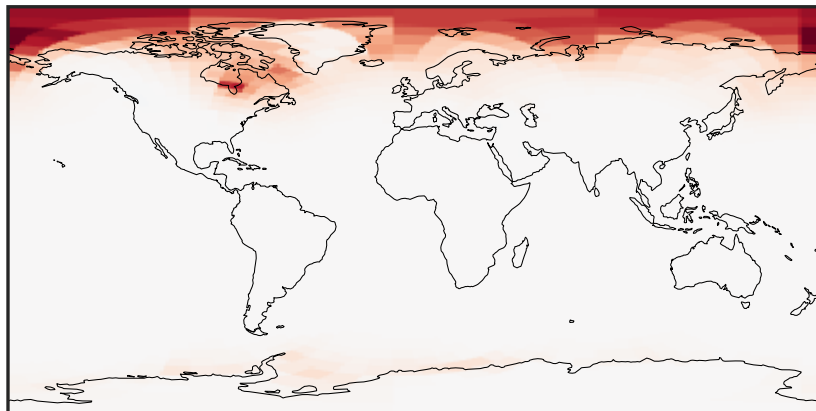
0.015 0.030 0.045  
1

14.3.0-rc.0 (Dev)  
c24



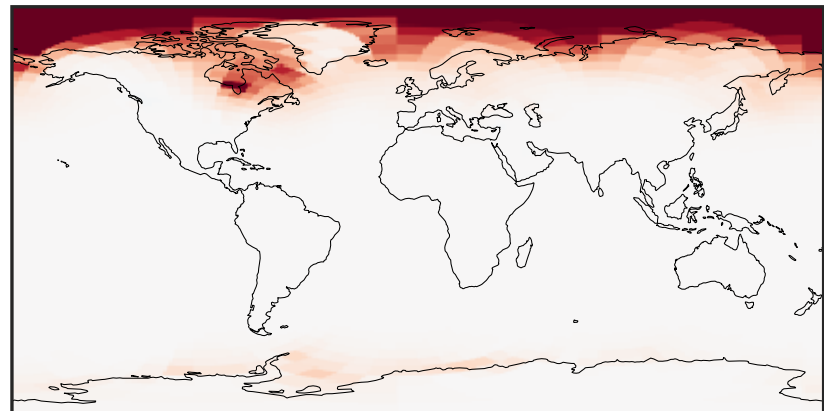
0.015 0.030 0.045  
1

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



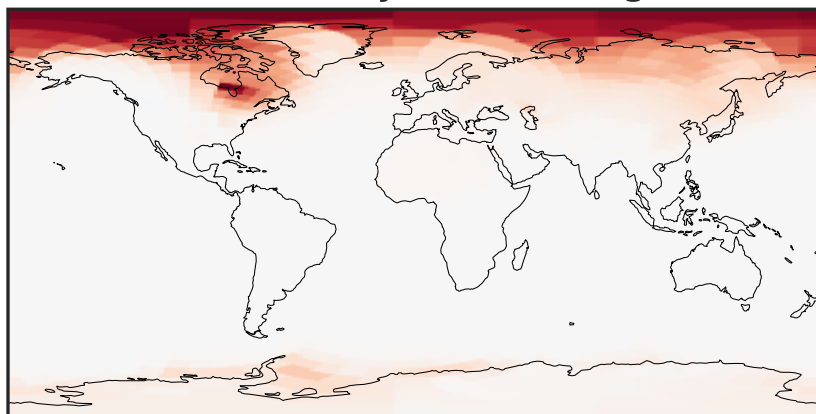
-0.0005 0.0000 0.0005  
1

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



-0.0004 0.0000 0.0004  
1

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



0.9347 0.9674 1.0000 1.0349 1.0698  
unitless

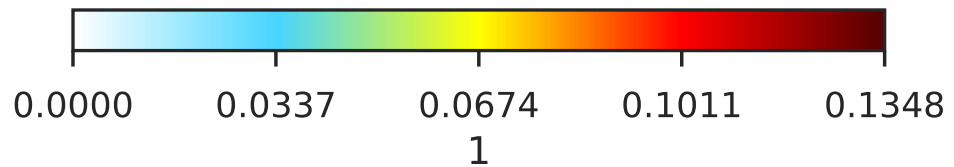
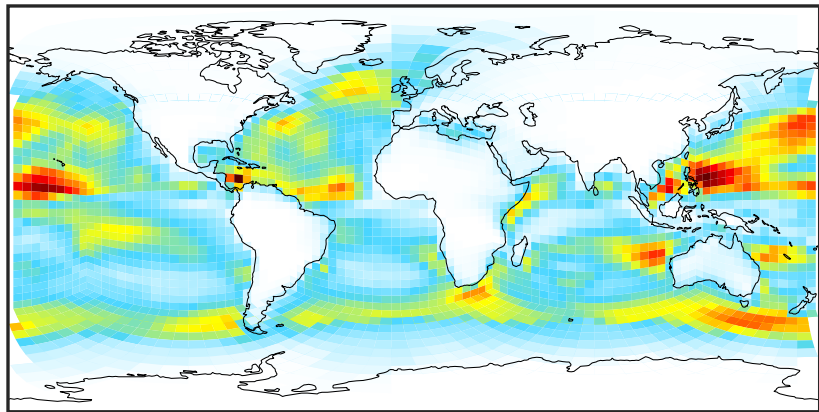
Ratio (1x1.25)  
Dev/Ref, Fixed Range



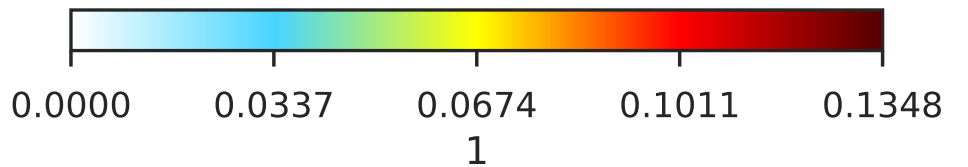
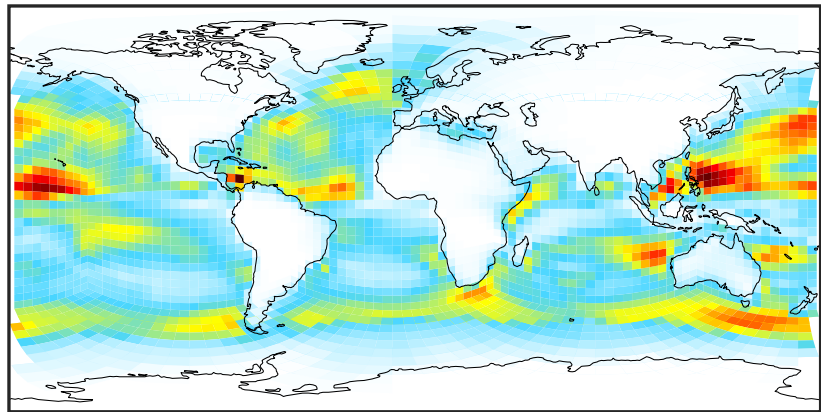
0.50 0.75 1.00 1.50 2.00  
unitless

# Column\_AOD\_SALC (Jan2019)

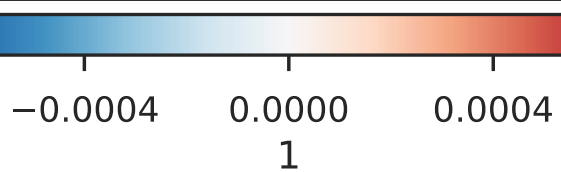
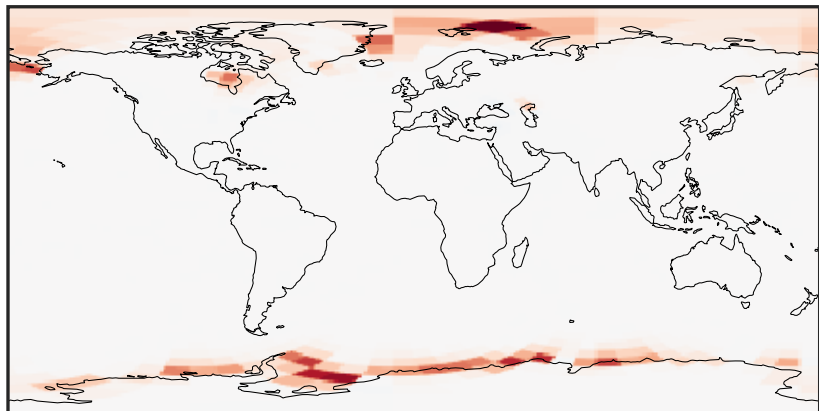
14.2.0-rc.2 (Ref)  
c24



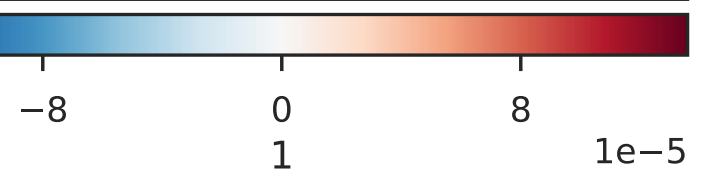
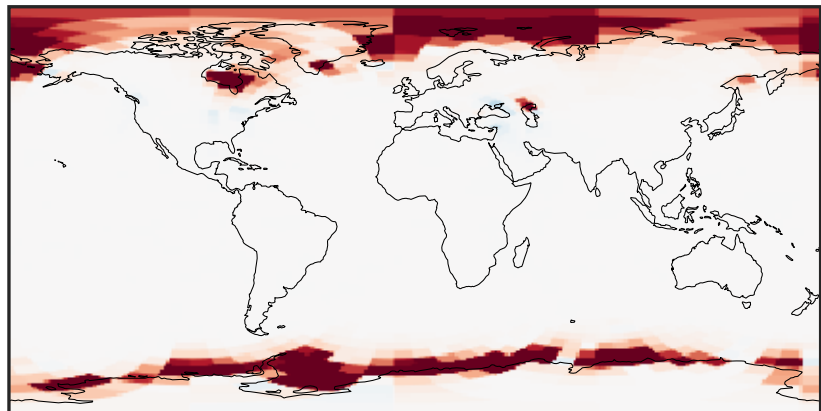
14.3.0-rc.0 (Dev)  
c24



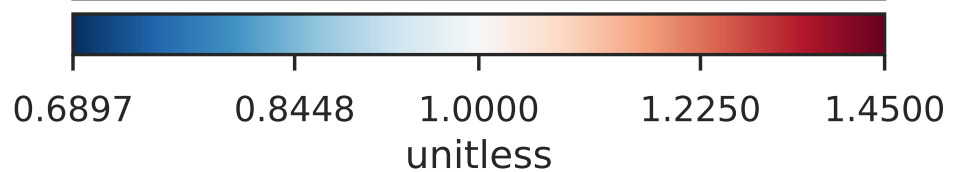
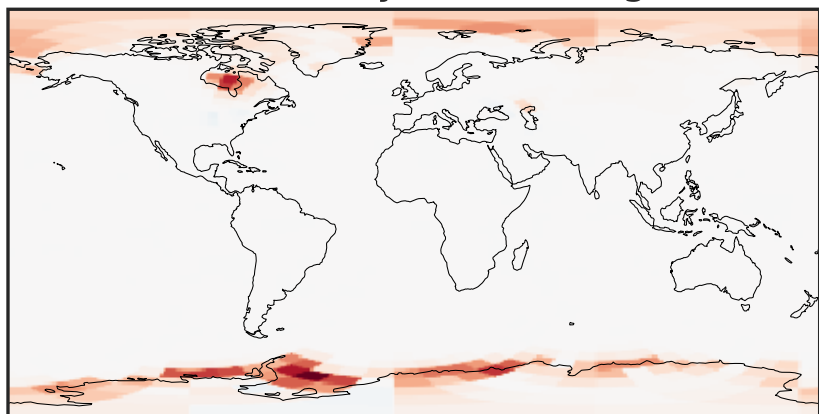
Difference (1x1.25)  
Dev - Ref, Dynamic Range



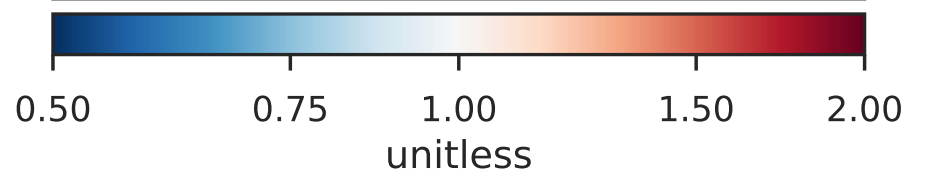
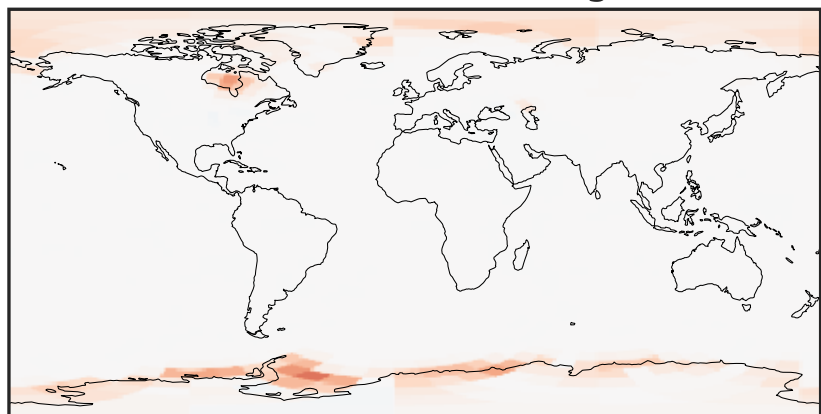
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

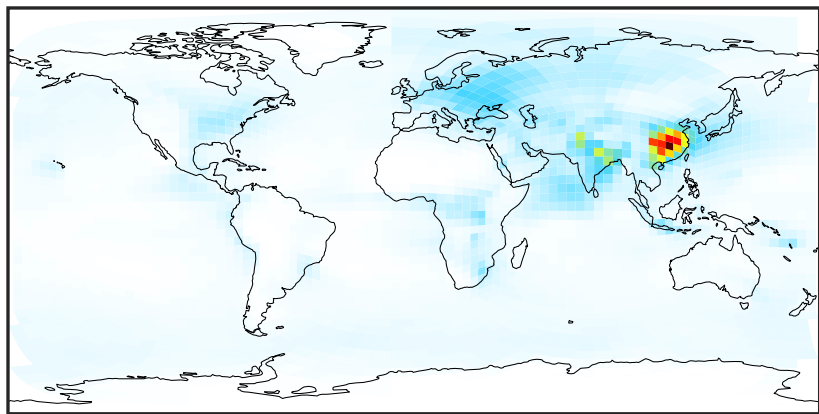


Ratio (1x1.25)  
Dev/Ref, Fixed Range



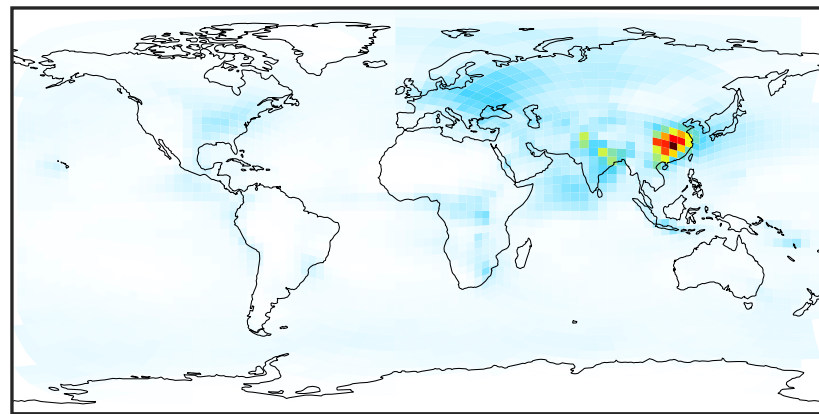
# Column\_AOD\_SO4 (Jan2019)

14.2.0-rc.2 (Ref)  
c24



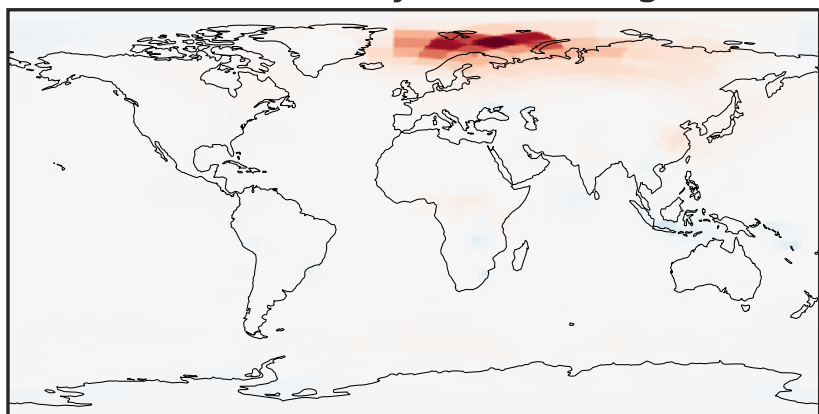
0.003 0.229 0.455 0.681 0.907  
1

14.3.0-rc.0 (Dev)  
c24



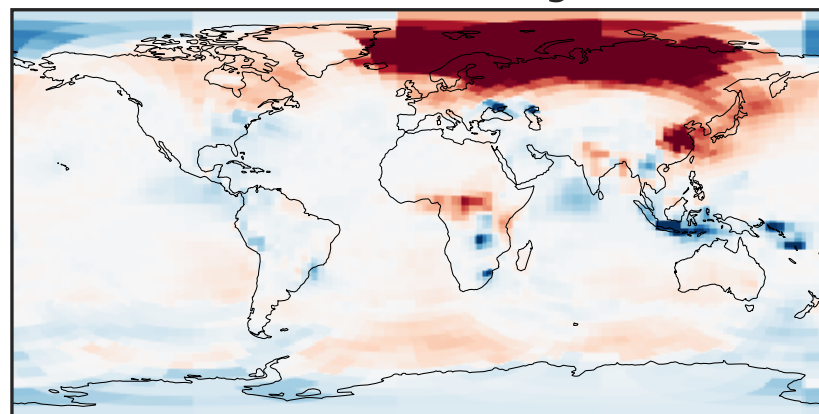
0.003 0.229 0.455 0.681 0.907  
1

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



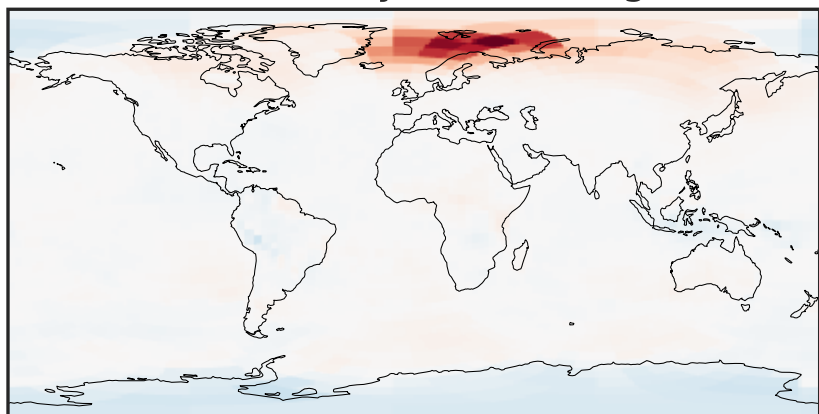
-0.005 0.000 0.005  
1

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



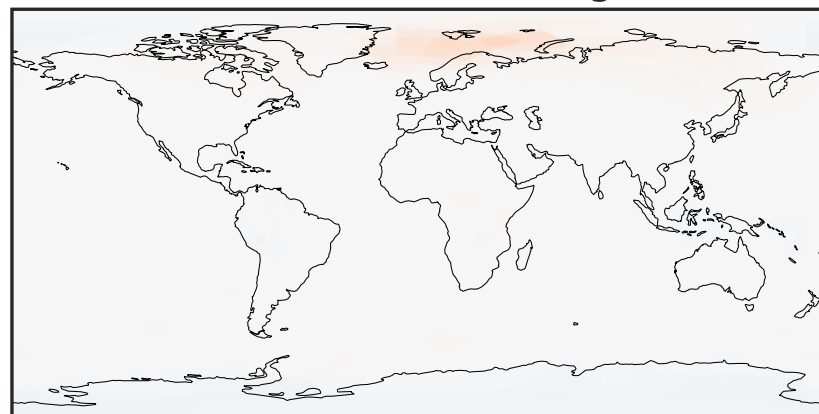
-0.0004 0.0000 0.0004  
1

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



0.8684 0.9342 1.0000 1.0758 1.1516  
unitless

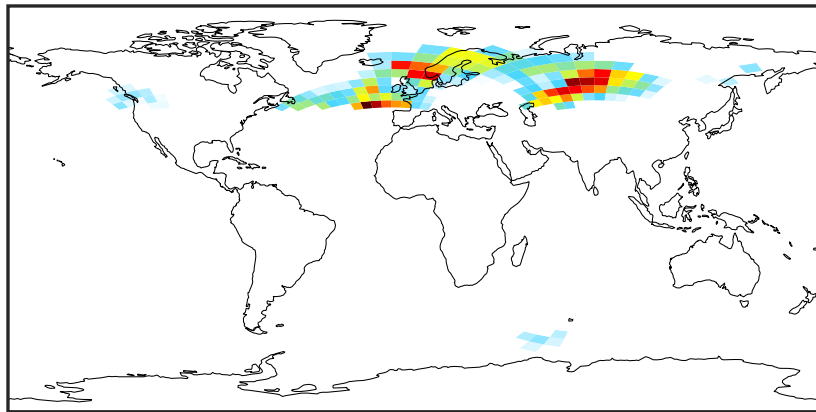
Ratio (1x1.25)  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

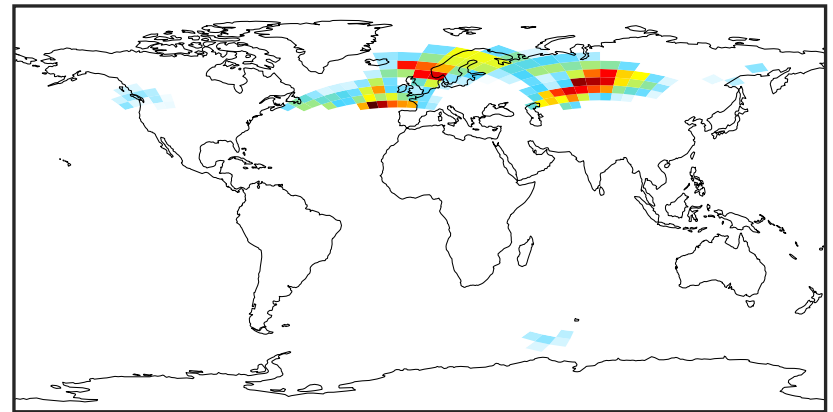
# Column\_AOD\_Polar\_Strat\_Cloud (Jan2019)

14.2.0-rc.2 (Ref)  
c24



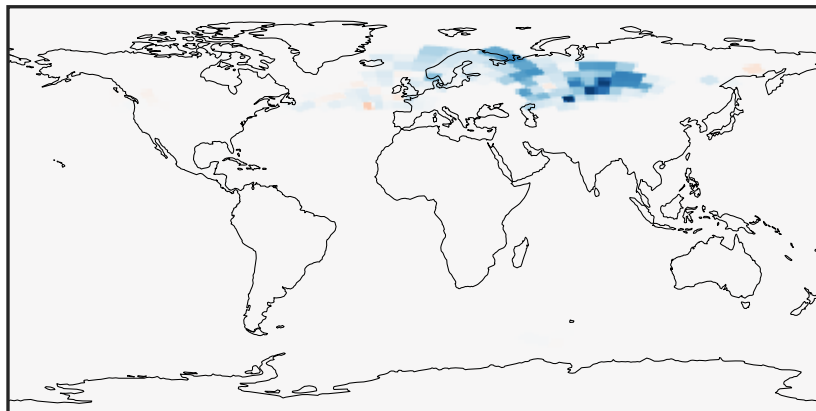
0.0000 0.0015 0.0030 0.0045  
1

14.3.0-rc.0 (Dev)  
c24



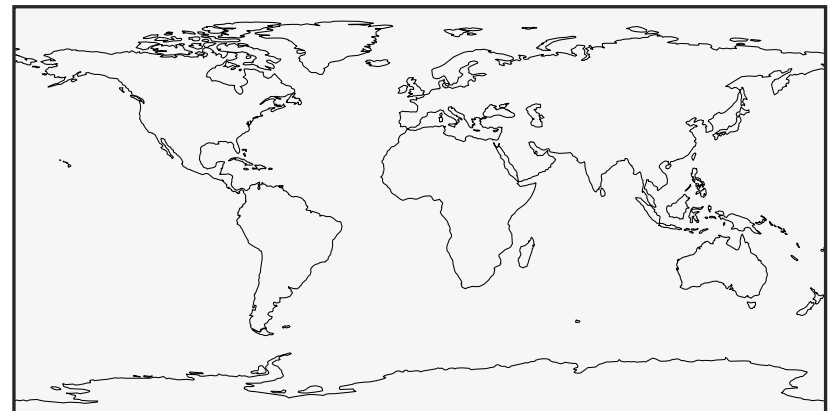
0.0000 0.0015 0.0030 0.0045  
1

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



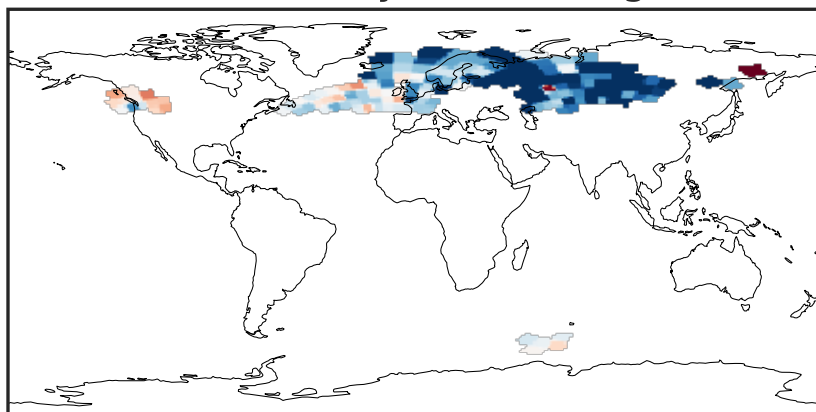
-3 0 3  
1  $1e-7$

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



0.9999205 1.000000 1.0000795  
unitless

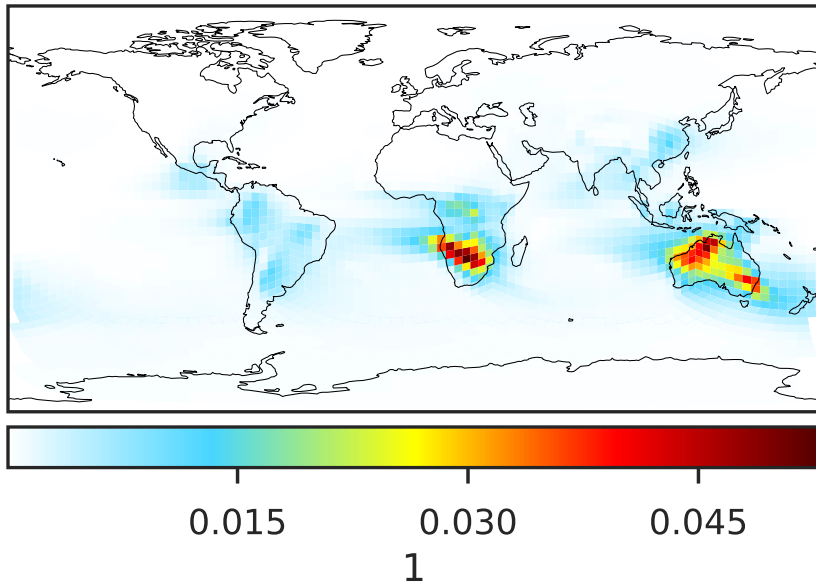
Ratio (1x1.25)  
Dev/Ref, Fixed Range



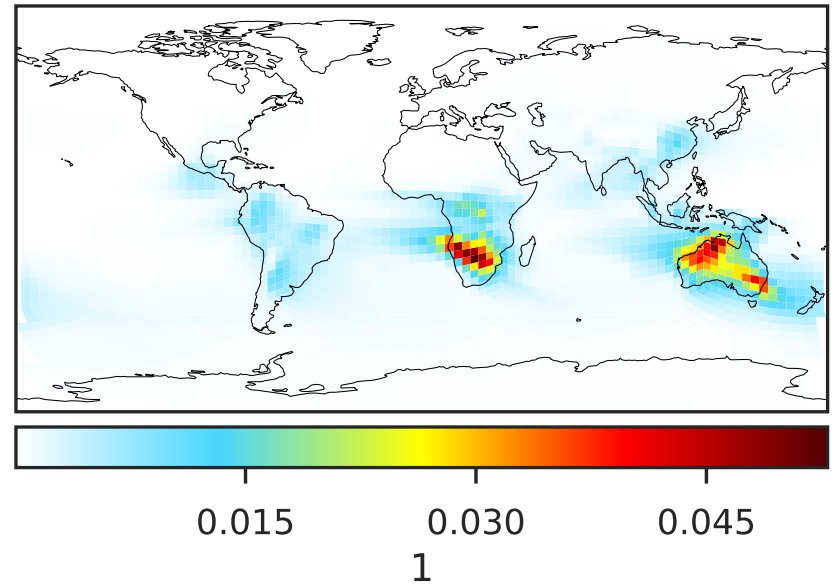
0.50 0.75 1.00 1.50 2.00  
unitless

# Column\_AOD\_SOA\_from\_Aqueous\_ISOP (Jan2019)

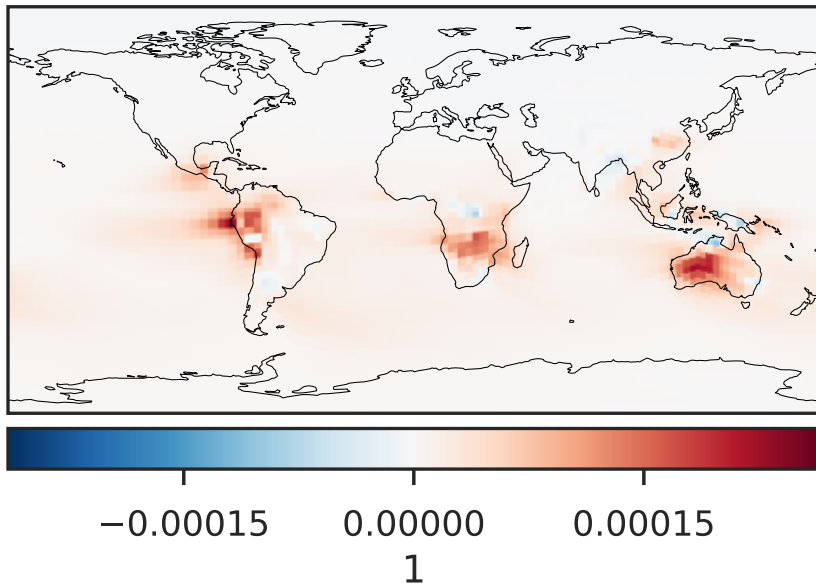
14.2.0-rc.2 (Ref)  
c24



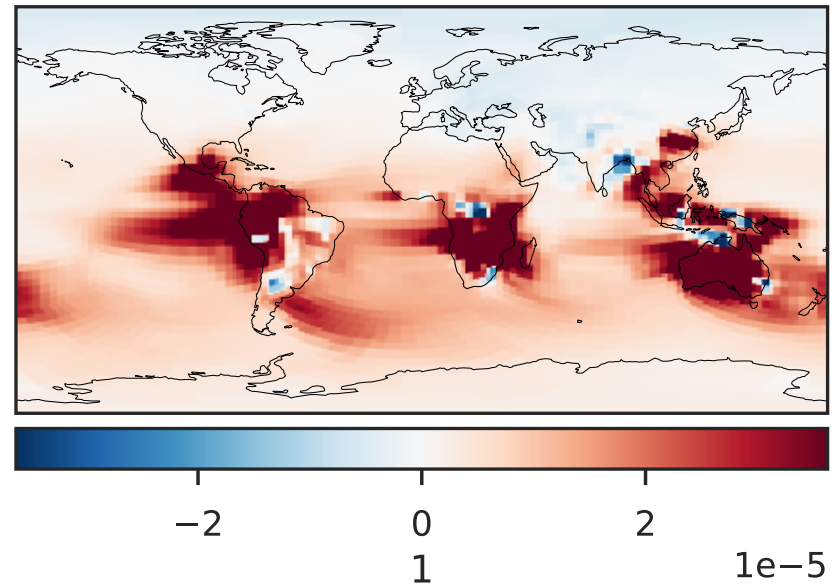
14.3.0-rc.0 (Dev)  
c24



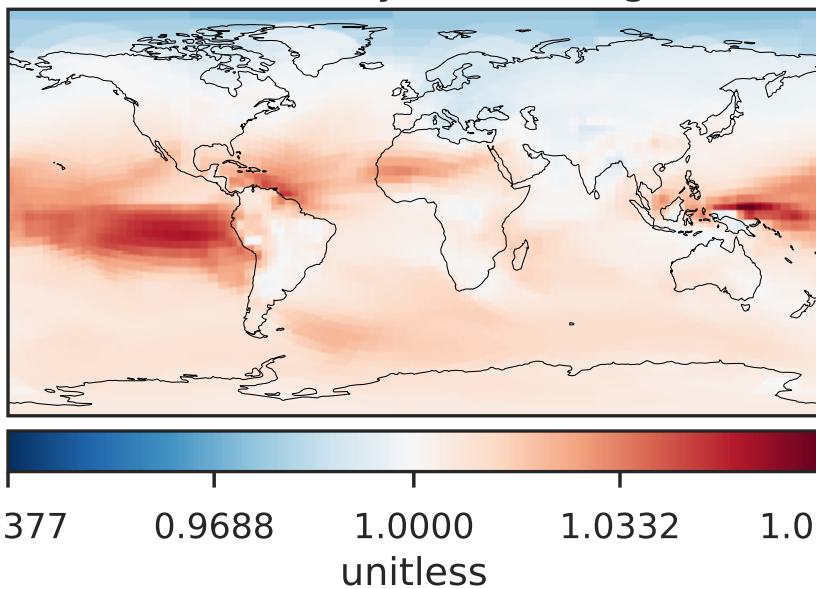
Difference (1x1.25)  
Dev - Ref, Dynamic Range



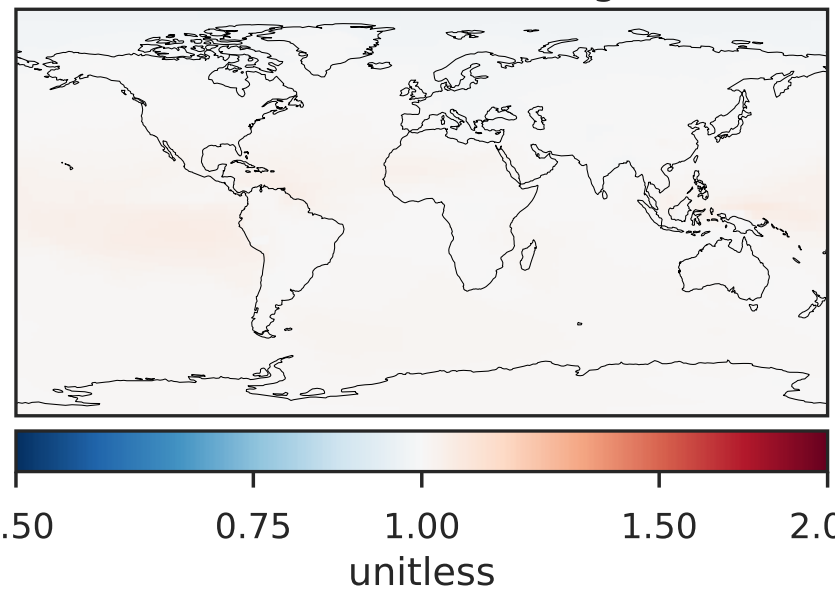
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



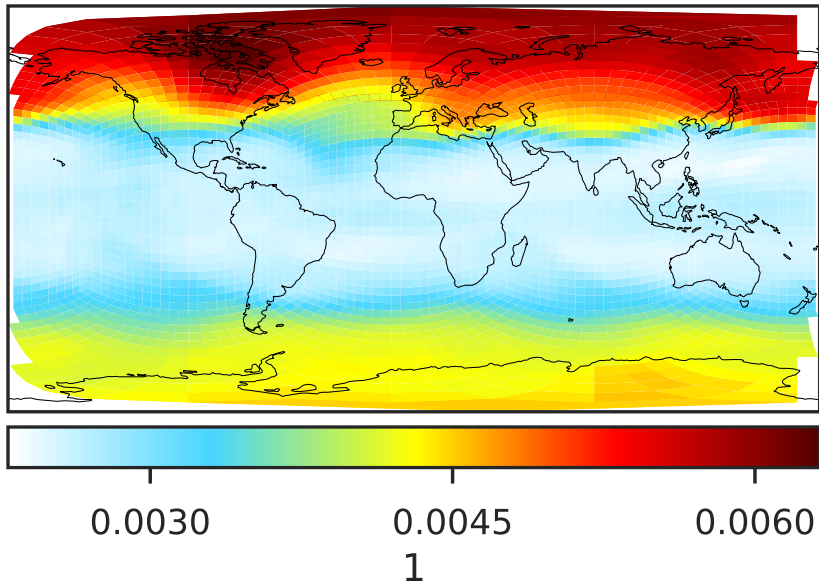
Ratio (1x1.25)  
Dev/Ref, Fixed Range



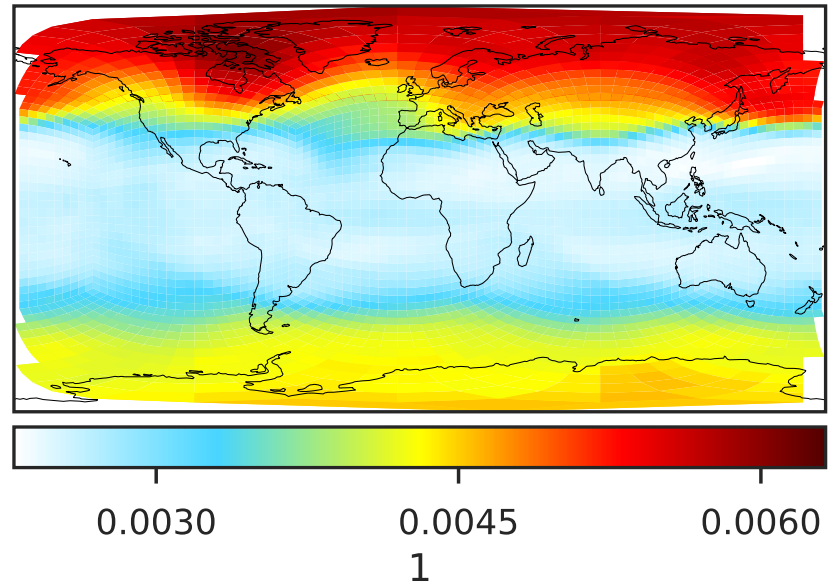


# Column\_AOD\_Strat\_Liquid\_Aerosol (Jan2019)

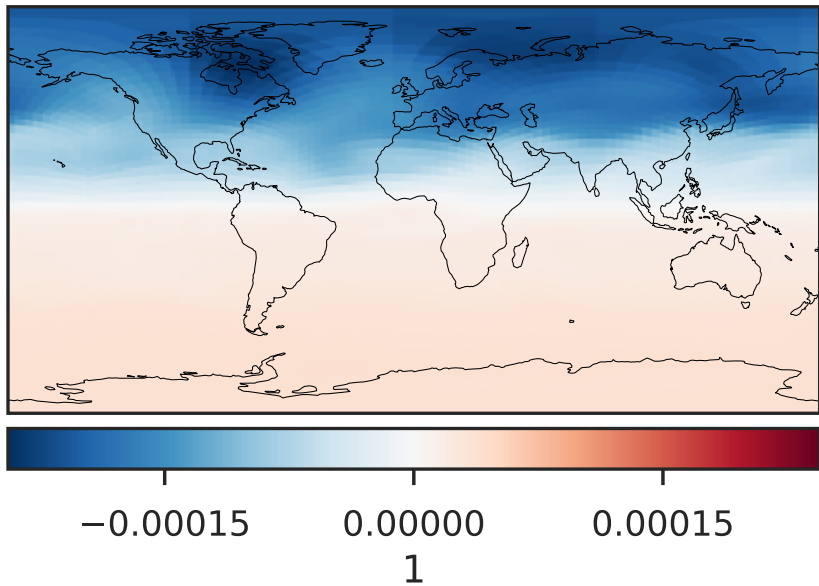
14.2.0-rc.2 (Ref)  
c24



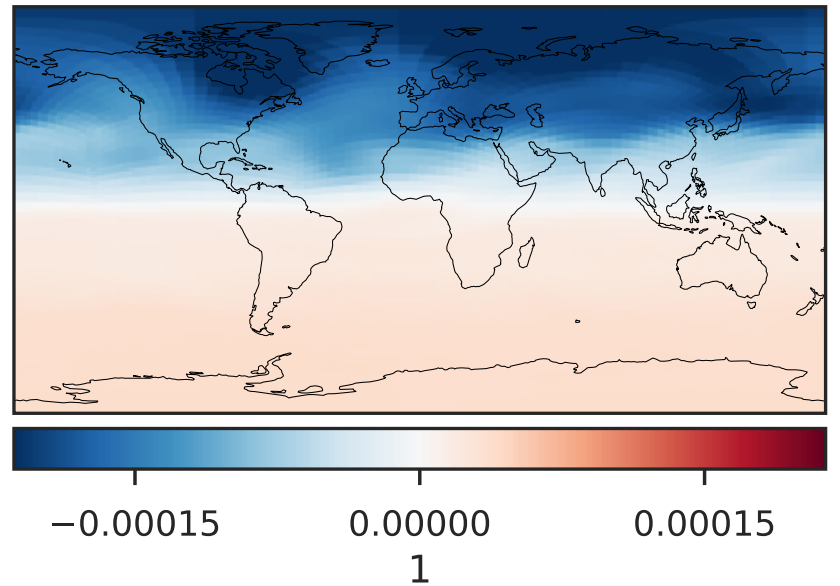
14.3.0-rc.0 (Dev)  
c24



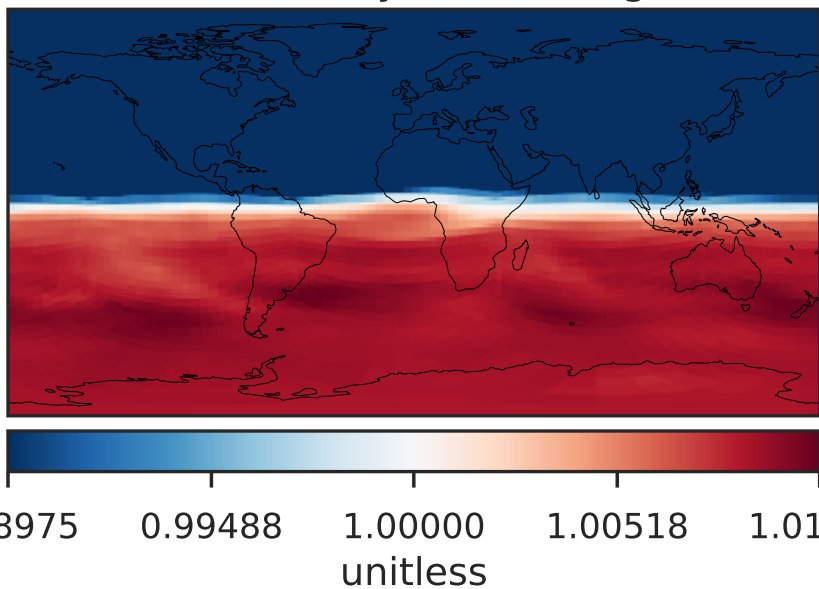
Difference (1x1.25)  
Dev - Ref, Dynamic Range



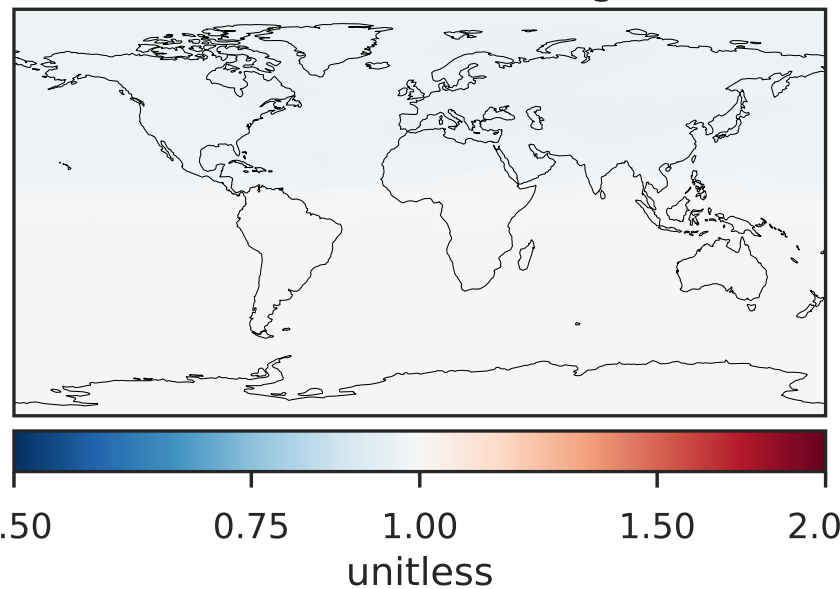
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



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

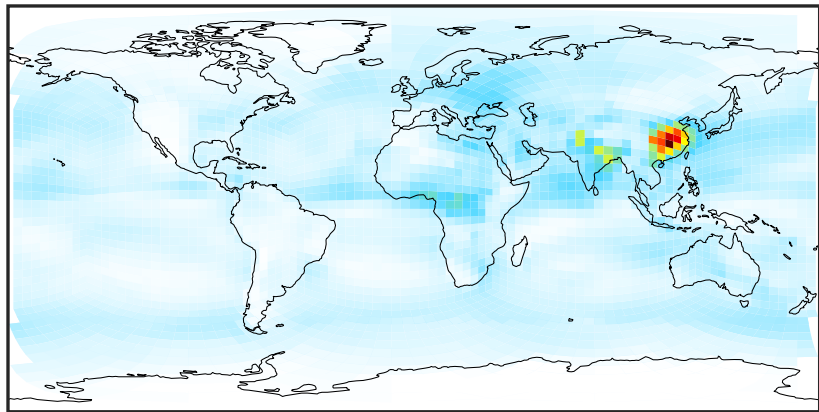


0.98975 0.99488 1.00000 1.00518 1.01036  
unitless

0.50 0.75 1.00 1.50 2.00  
unitless

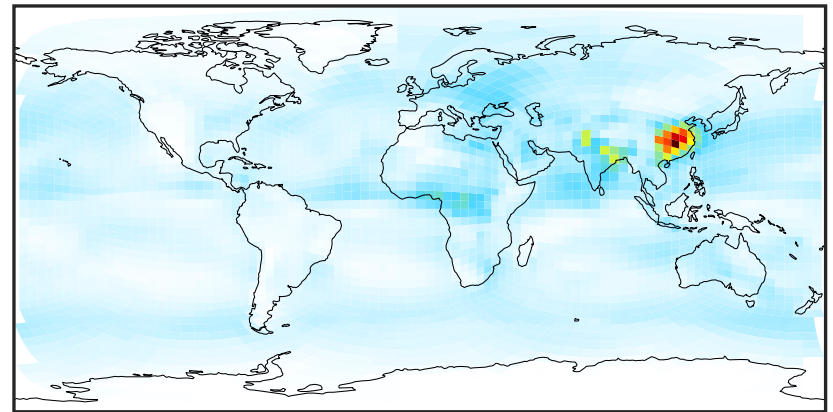
# Column\_AOD\_Total (Jan2019)

14.2.0-rc.2 (Ref)  
c24



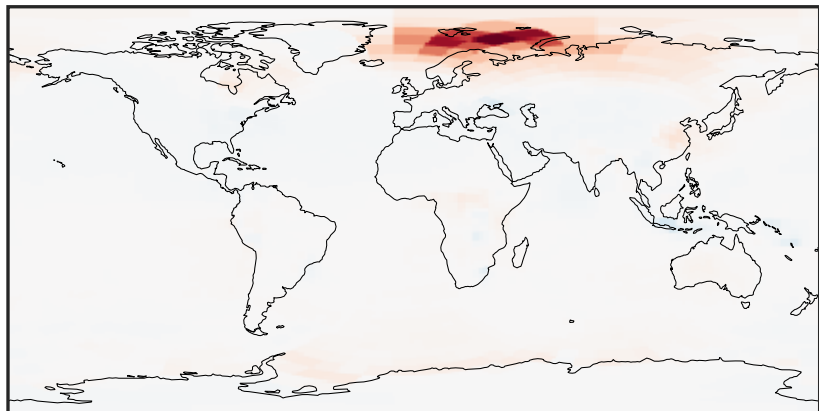
0.01 0.36 0.71 1.06 1.41  
1

14.3.0-rc.0 (Dev)  
c24



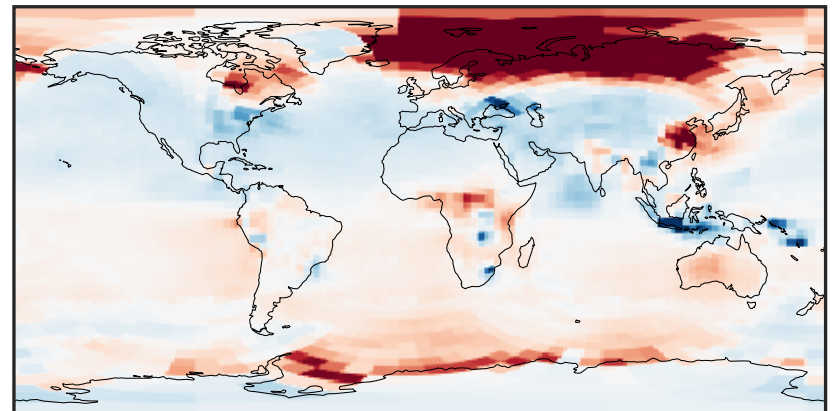
0.01 0.36 0.71 1.06 1.41  
1

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



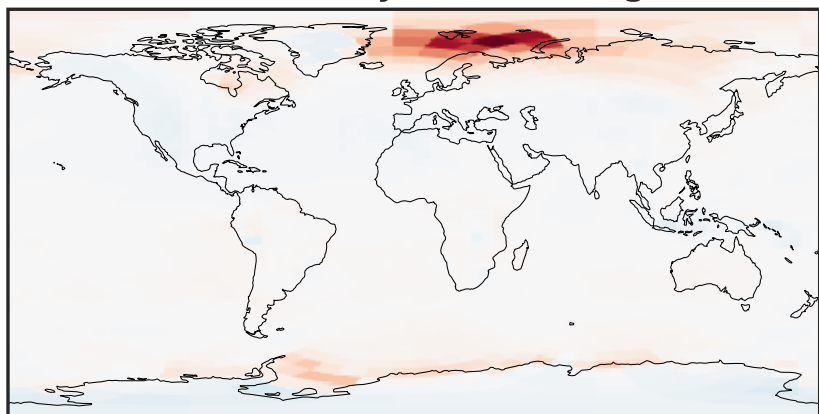
-0.005 0.000 0.005  
1

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



-0.0004 0.0000 0.0004  
1

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



0.9224 0.9612 1.0000 1.0421 1.0842  
unitless

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



0.50 0.75 1.00 1.50 2.00  
unitless