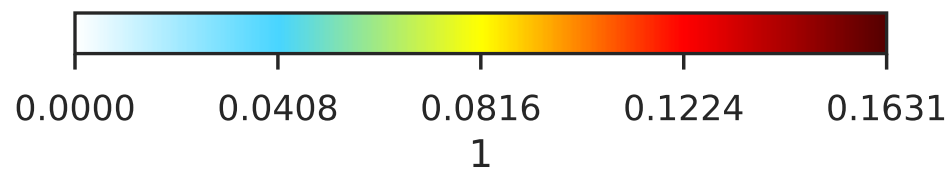
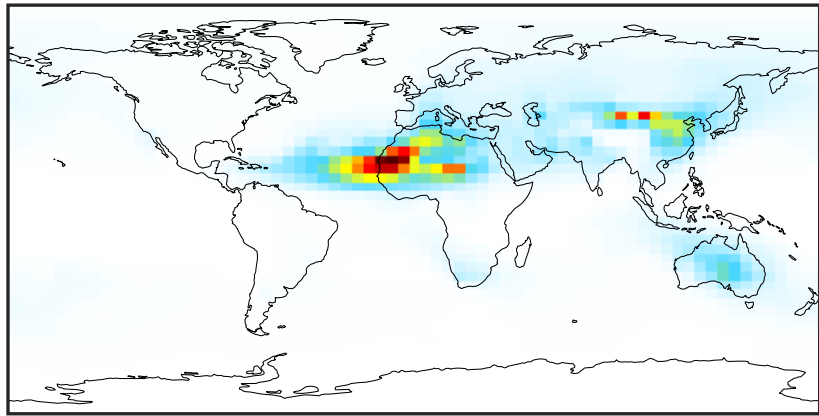
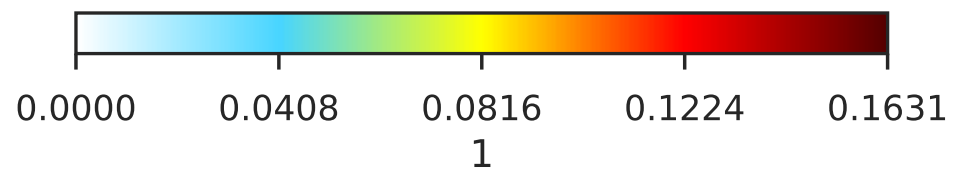
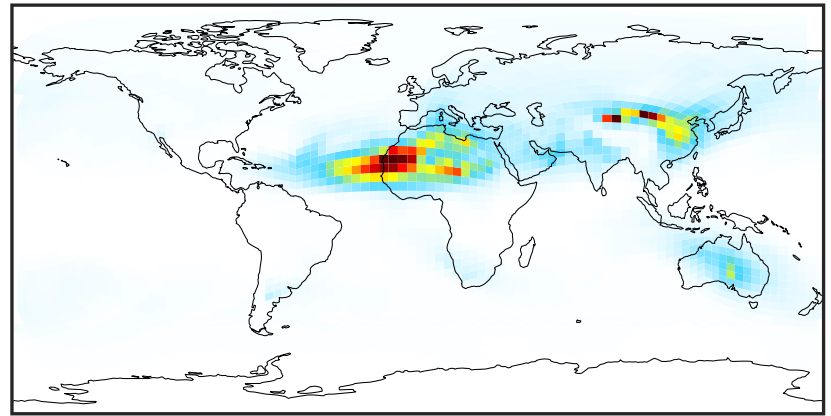


# Column\_AOD\_Dust (Oct2019)

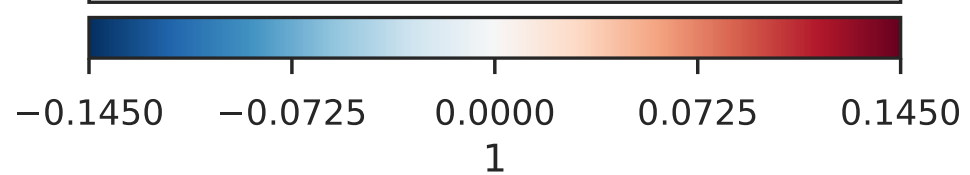
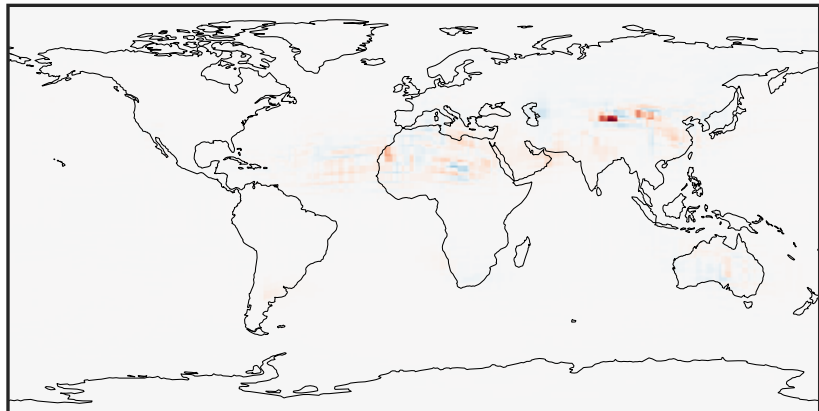
14.3.0-rc.0 (Ref)  
4.0x5.0



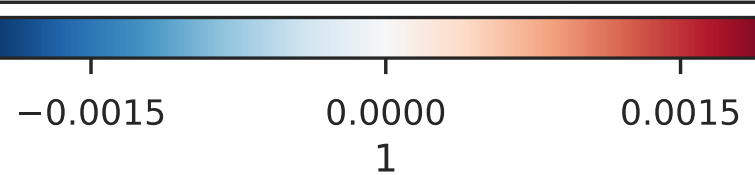
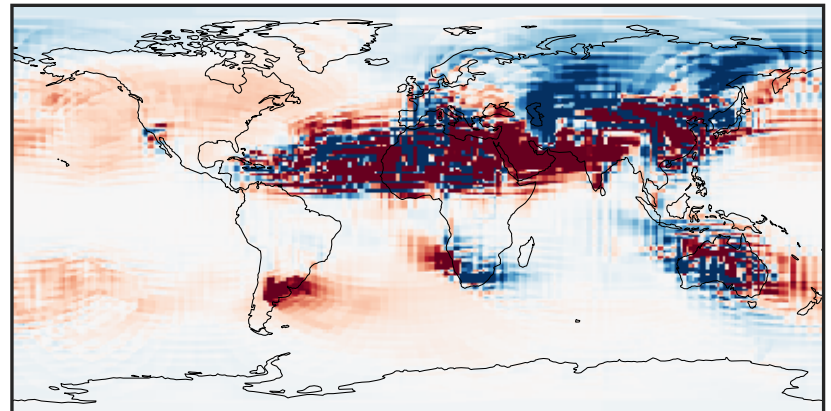
14.3.0-rc.0 (Dev)  
c24



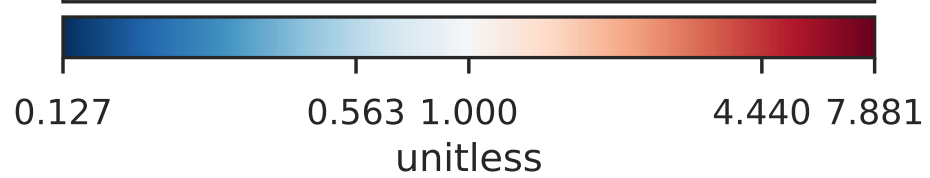
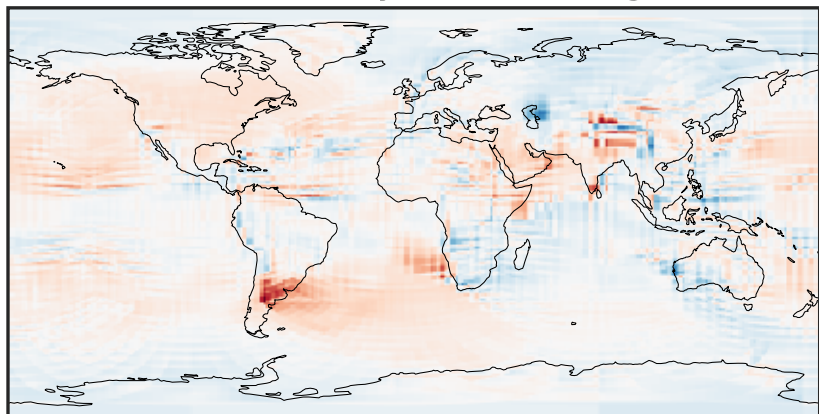
Difference (1x1.25)  
Dev - Ref, Dynamic Range



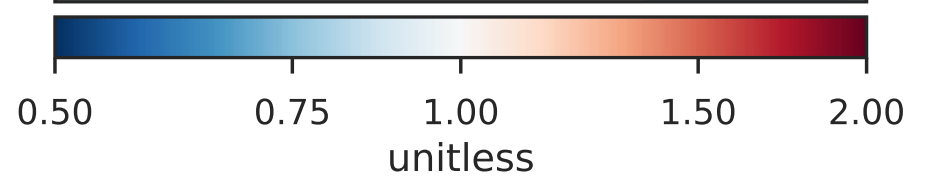
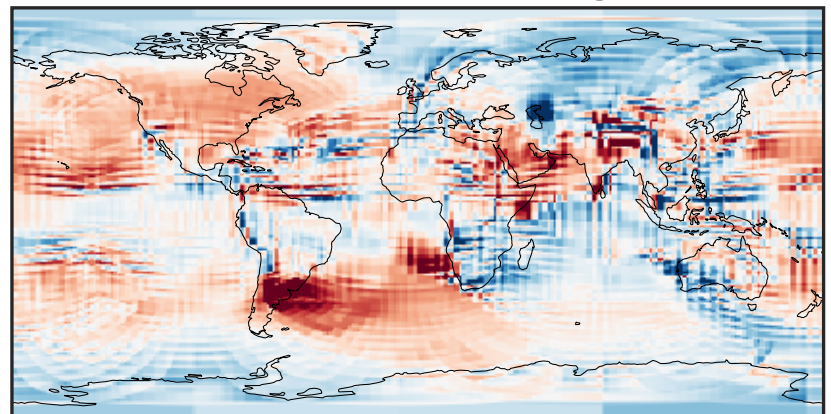
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

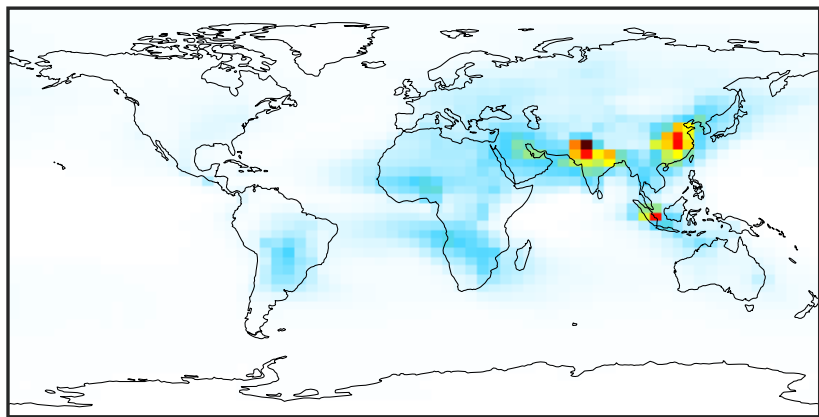


Ratio (1x1.25)  
Dev/Ref, Fixed Range



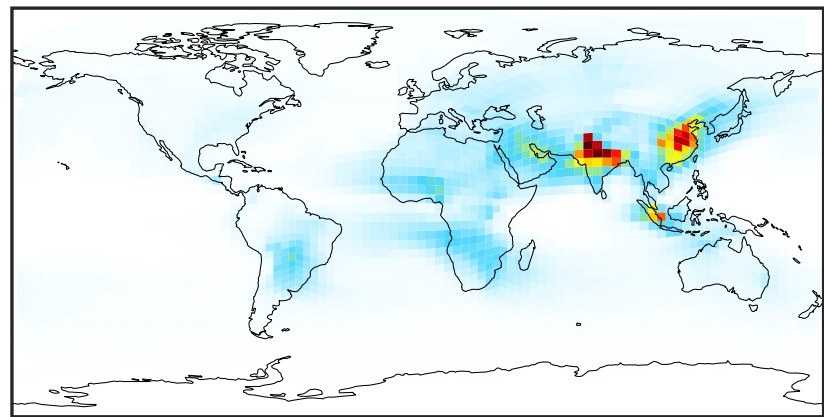
# Column\_AOD\_BCPI (Oct2019)

14.3.0-rc.0 (Ref)  
4.0x5.0



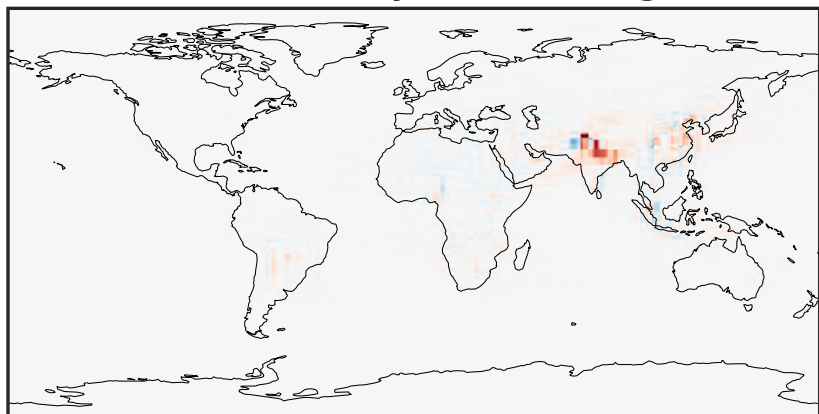
0.008 0.016 0.024  
1

14.3.0-rc.0 (Dev)  
c24



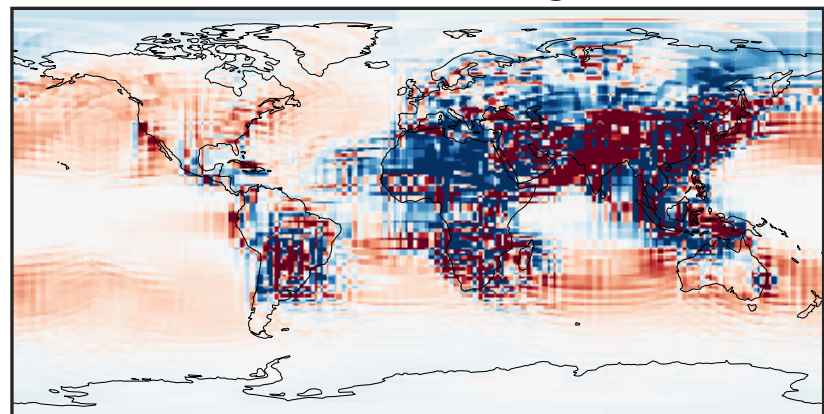
0.008 0.016 0.024  
1

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



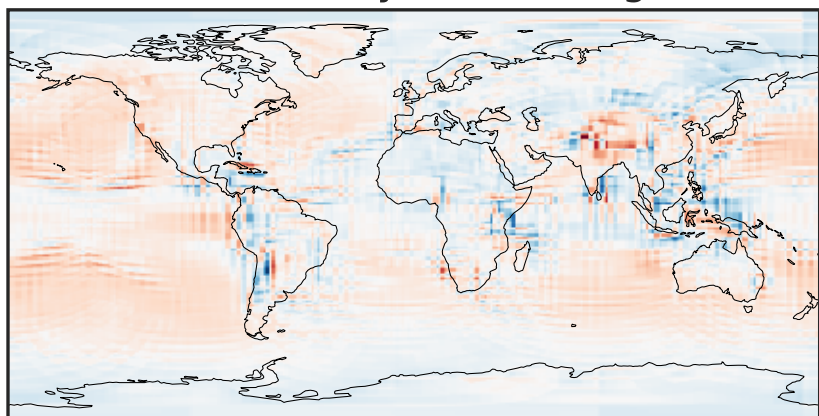
-0.01 0.00 0.01  
1

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



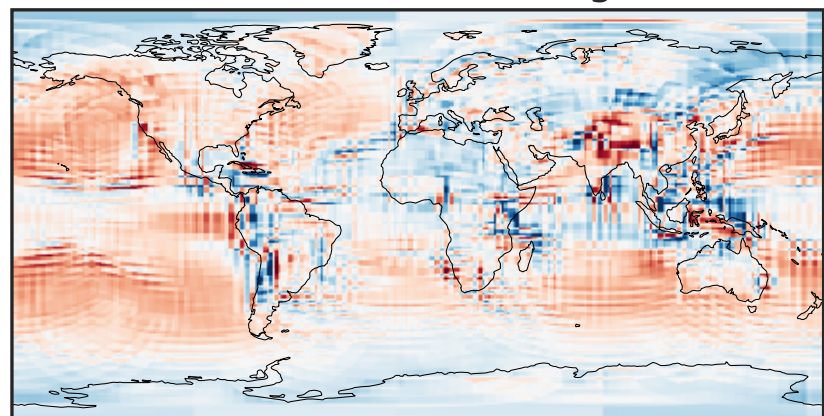
-0.0002 0.0000 0.0002  
1

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



0.249 0.625 1.000 2.507 4.013  
unitless

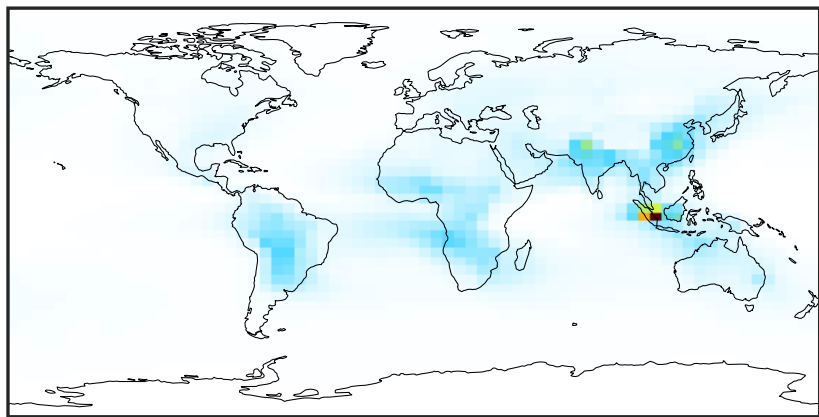
Ratio (1x1.25)  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

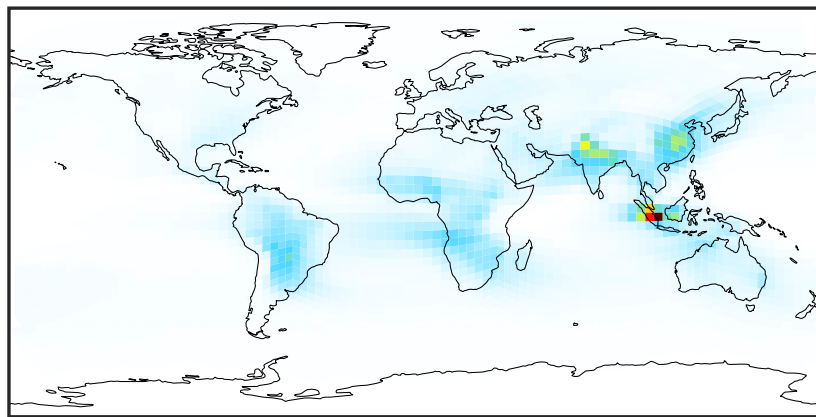
# Column\_AOD\_OCPI (Oct2019)

14.3.0-rc.0 (Ref)  
4.0x5.0



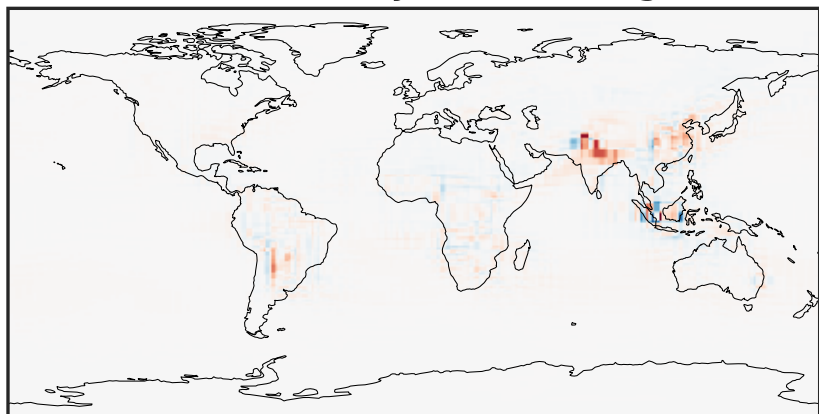
0.0008 0.1343 0.2679 0.4015 0.5351  
1

14.3.0-rc.0 (Dev)  
c24



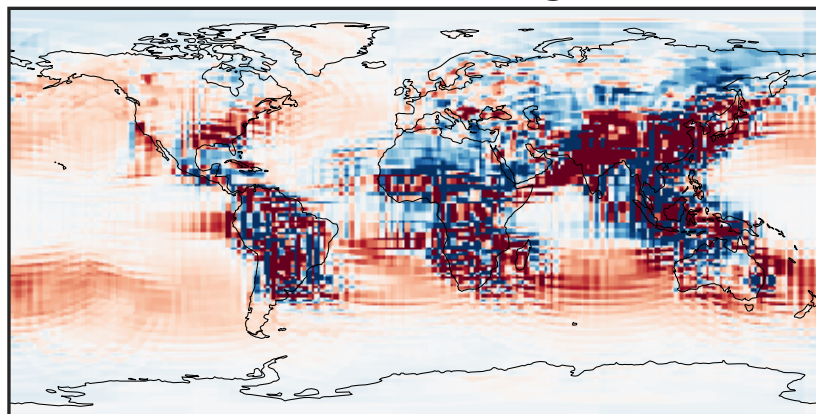
0.0008 0.1343 0.2679 0.4015 0.5351  
1

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



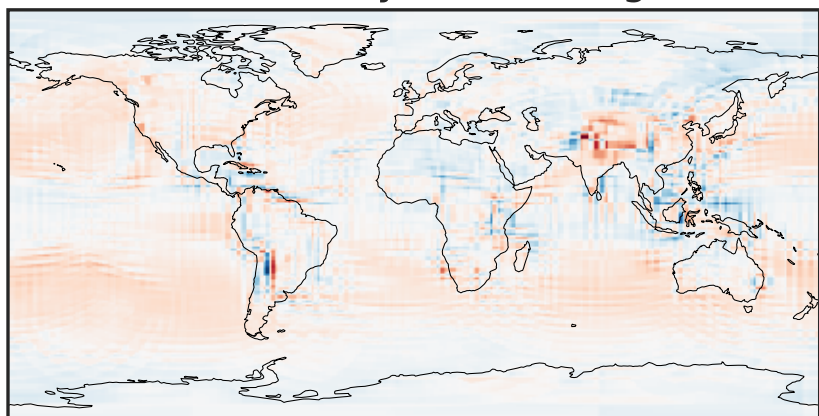
-0.1465 -0.0732 0.0000 0.0732 0.1465  
1

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



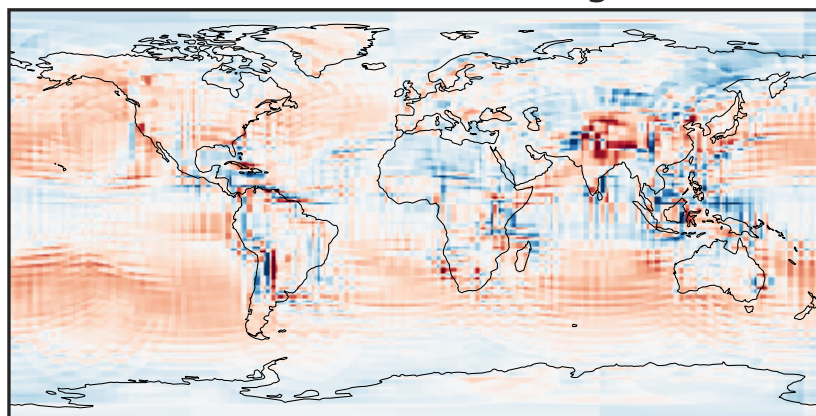
-0.002 0.000 0.002  
1

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



0.254 0.627 1.000 2.470 3.940  
unitless

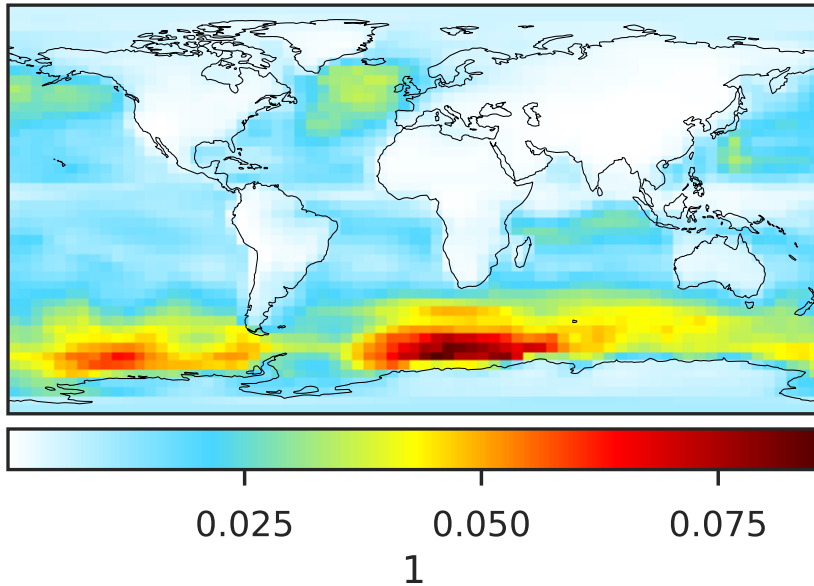
Ratio (1x1.25)  
Dev/Ref, Fixed Range



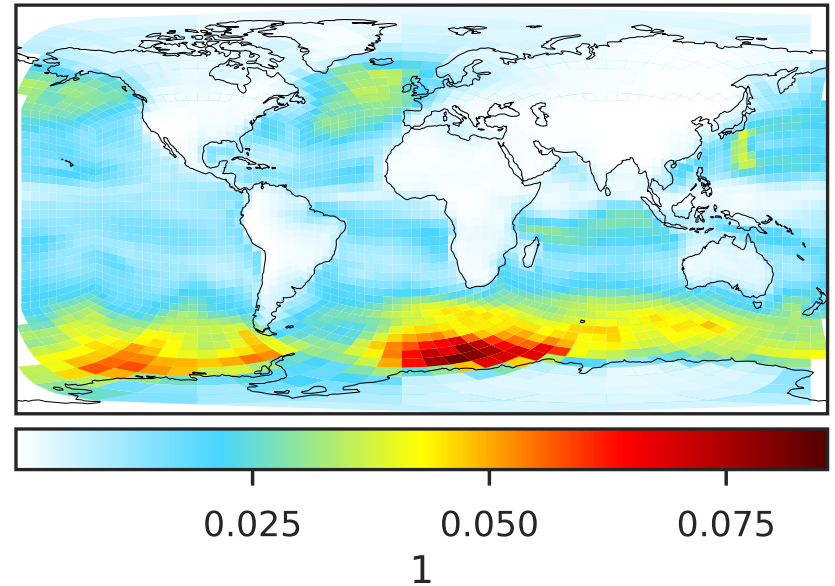
0.50 0.75 1.00 1.50 2.00  
unitless

# Column\_AOD\_SALA (Oct2019)

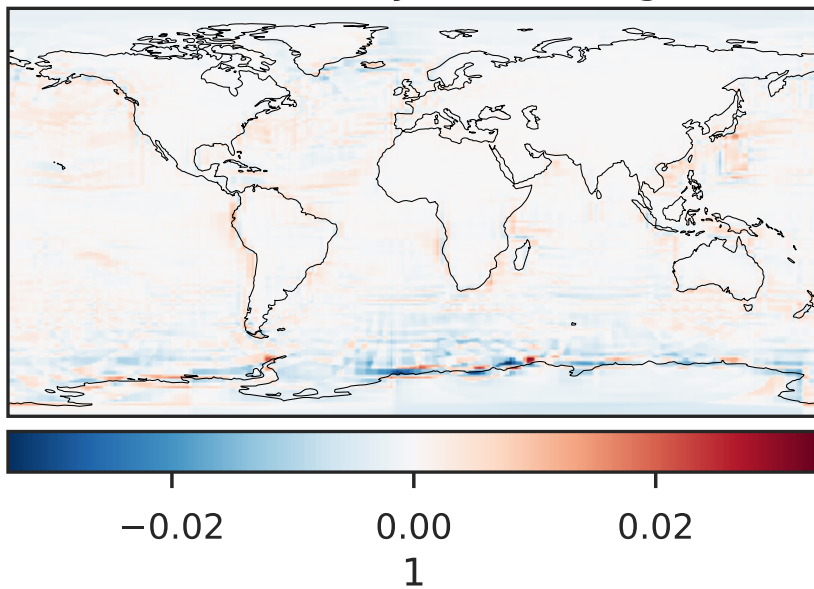
14.3.0-rc.0 (Ref)  
4.0x5.0



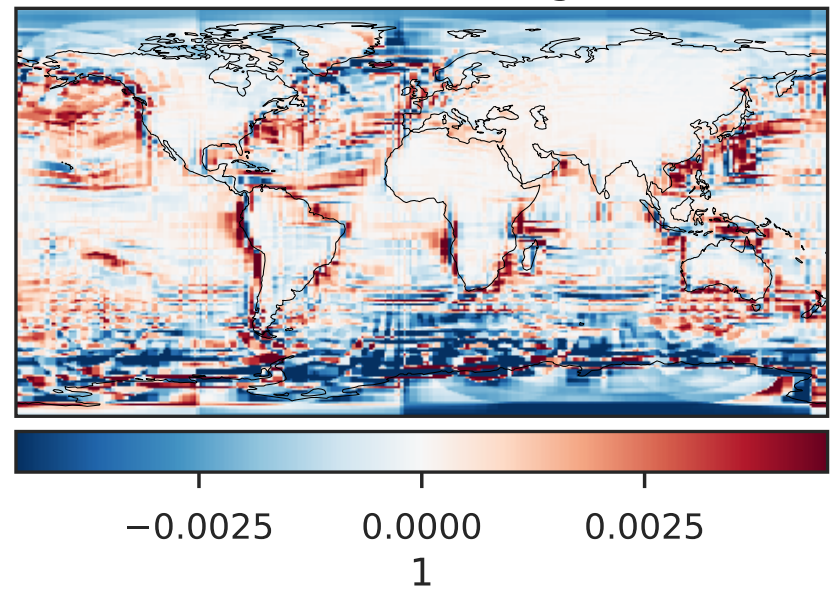
14.3.0-rc.0 (Dev)  
c24



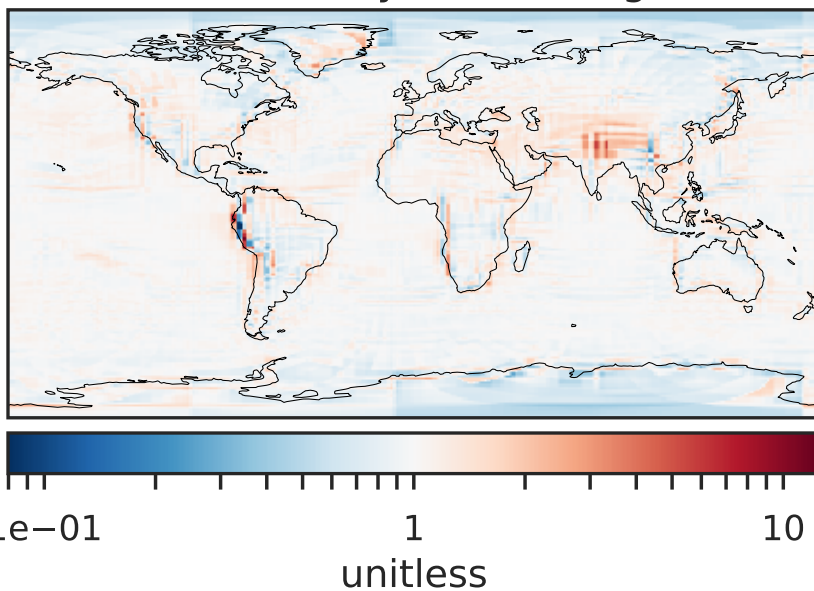
Difference (1x1.25)  
Dev - Ref, Dynamic Range



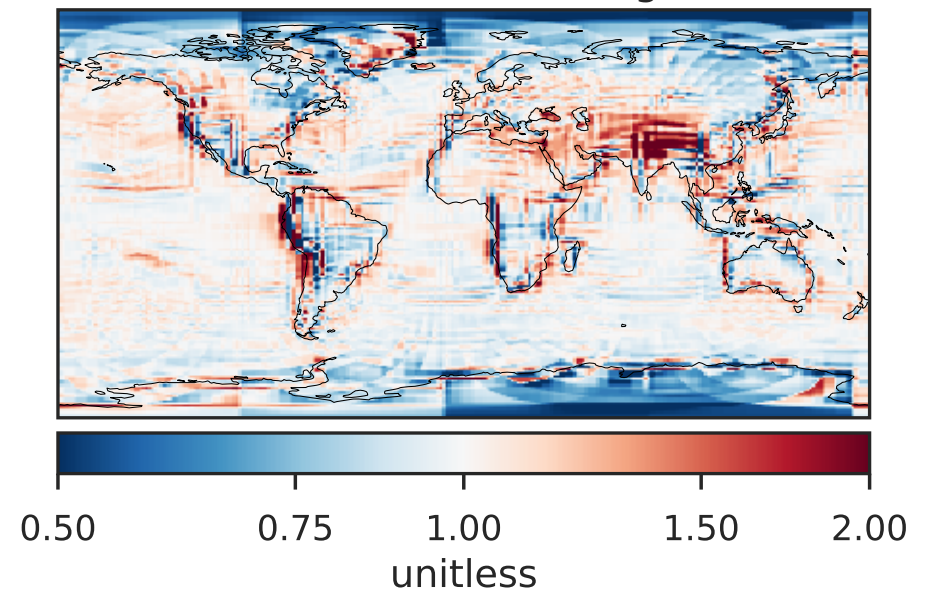
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

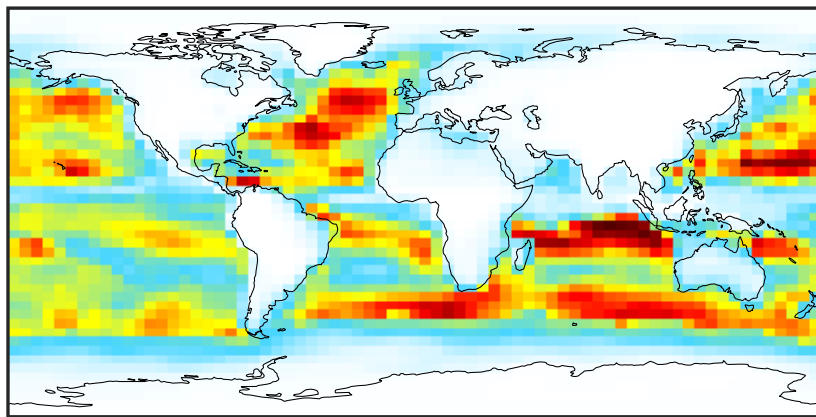


Ratio (1x1.25)  
Dev/Ref, Fixed Range



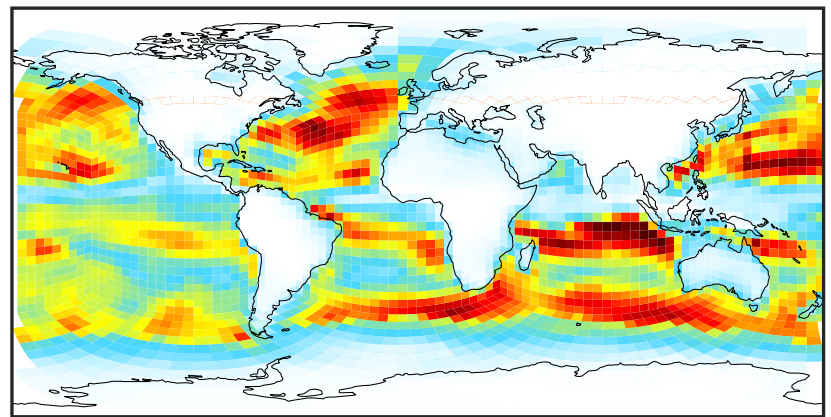
# Column\_AOD\_SALC (Oct2019)

14.3.0-rc.0 (Ref)  
4.0x5.0



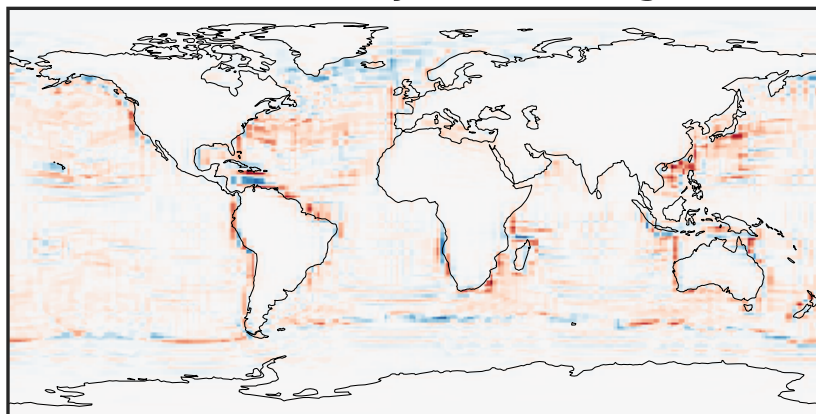
0.025 0.050 0.075  
1

14.3.0-rc.0 (Dev)  
c24



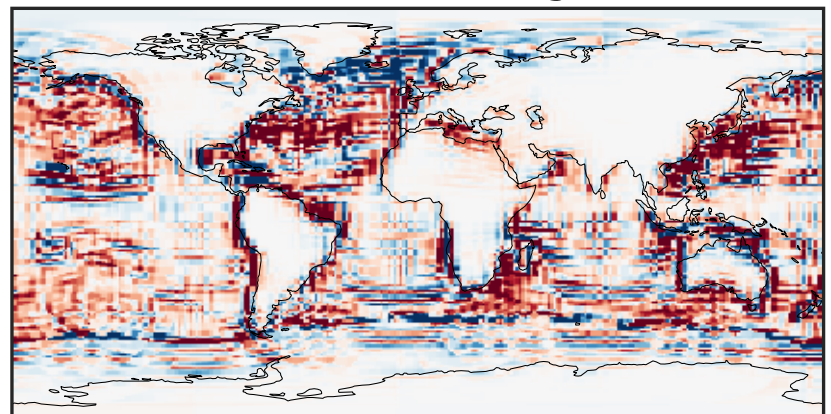
0.025 0.050 0.075  
1

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



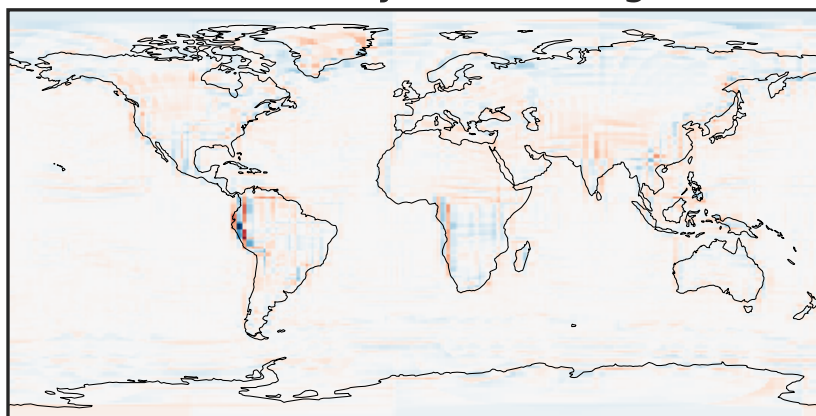
-0.025 0.000 0.025  
1

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



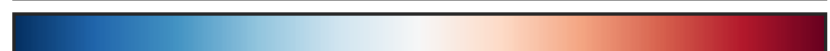
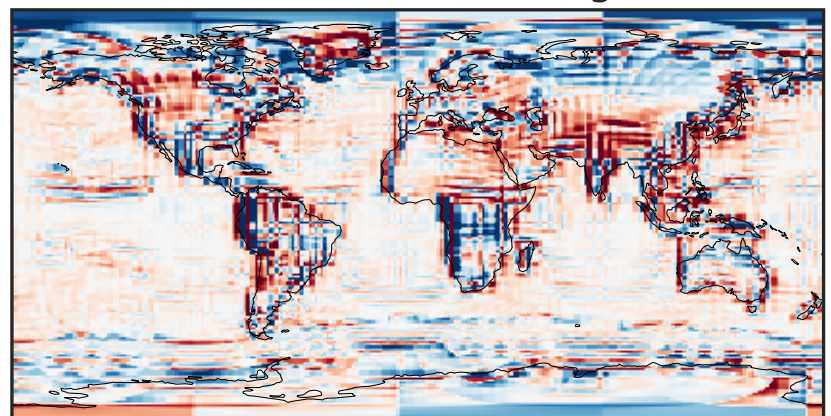
-0.004 0.000 0.004  
1

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



1e-02 1e-01 1 10 100  
unitless

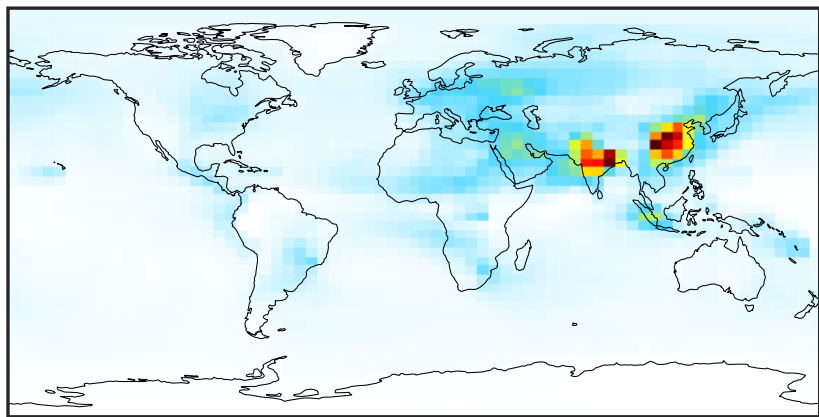
Ratio (1x1.25)  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

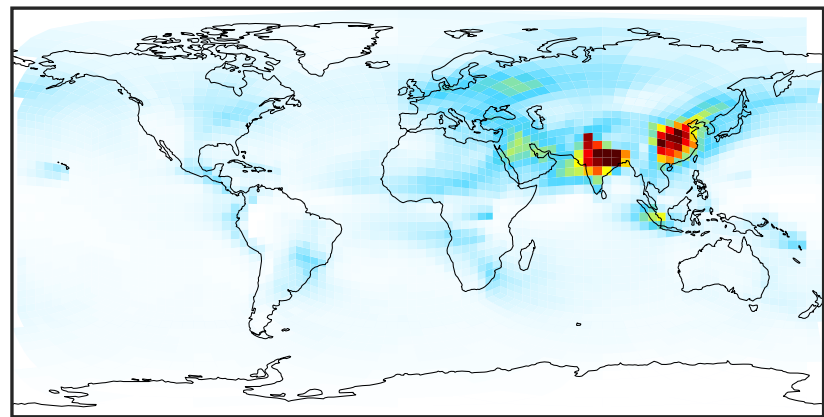
# Column\_AOD\_SO4 (Oct2019)

14.3.0-rc.0 (Ref)  
4.0x5.0



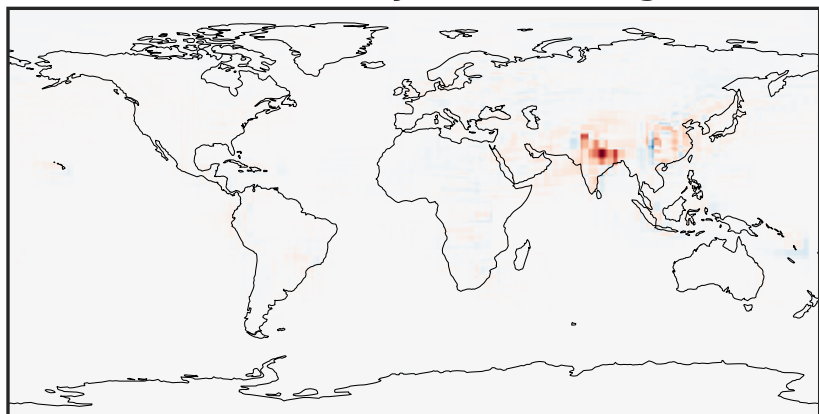
0.0018 0.1256 0.2494 0.3732 0.4970  
1

14.3.0-rc.0 (Dev)  
c24



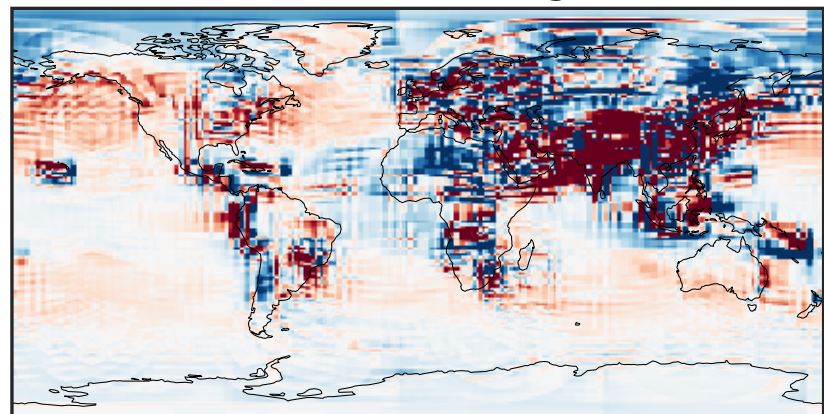
0.0018 0.1256 0.2494 0.3732 0.4970  
1

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



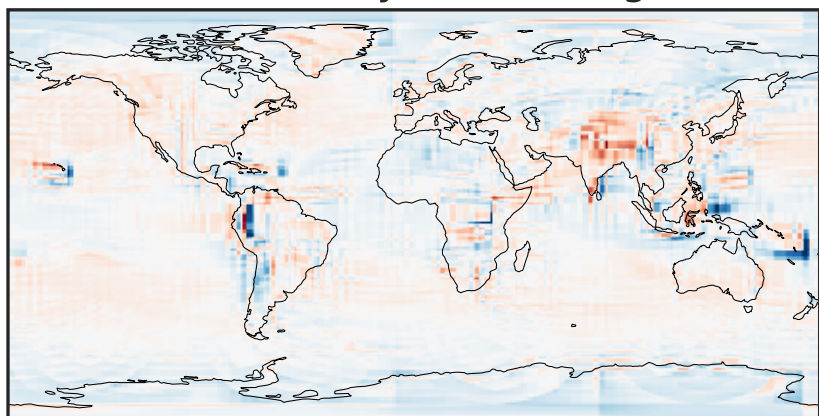
-0.4108 -0.2054 0.0000 0.2054 0.4108  
1

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



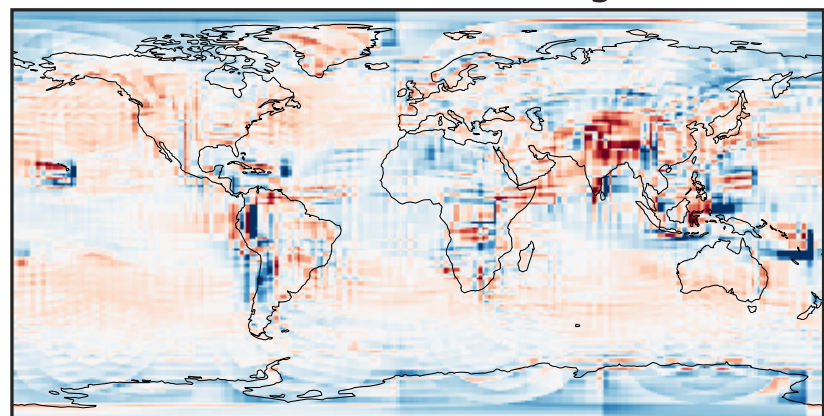
-0.005 0.000 0.005  
1

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



0.235 0.617 1.000 2.631 4.262  
unitless

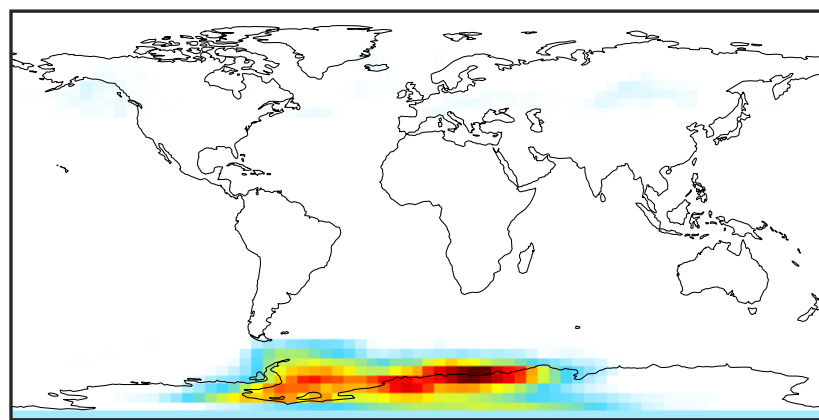
Ratio (1x1.25)  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

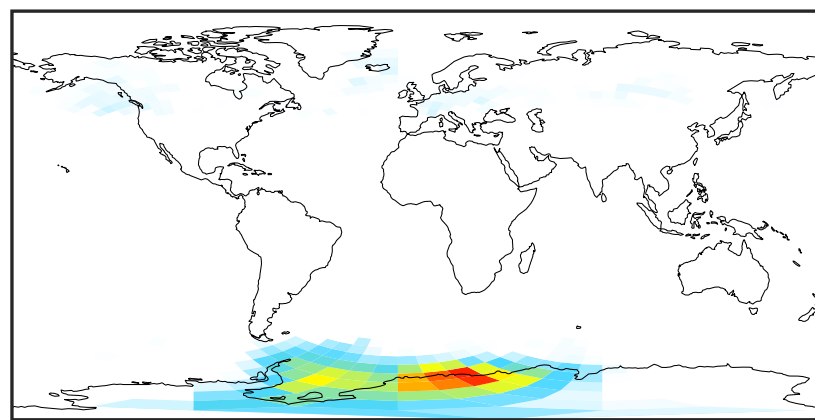
# Column\_AOD\_Polar\_Strat\_Cloud (Oct2019)

14.3.0-rc.0 (Ref)  
4.0x5.0



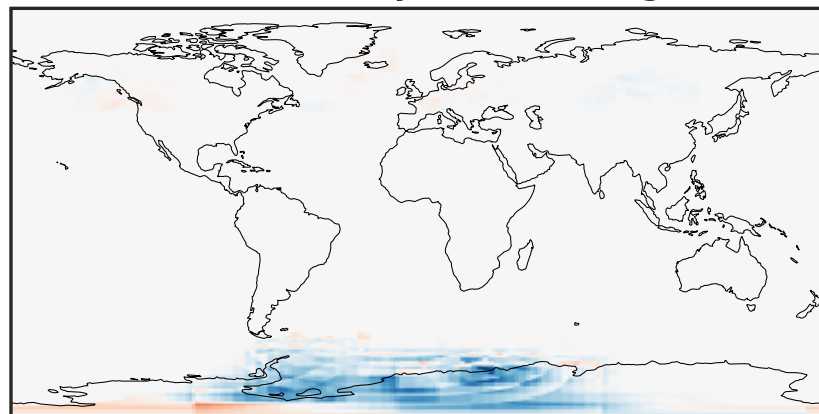
0.000 0.015 0.030 0.045  
1

14.3.0-rc.0 (Dev)  
c24



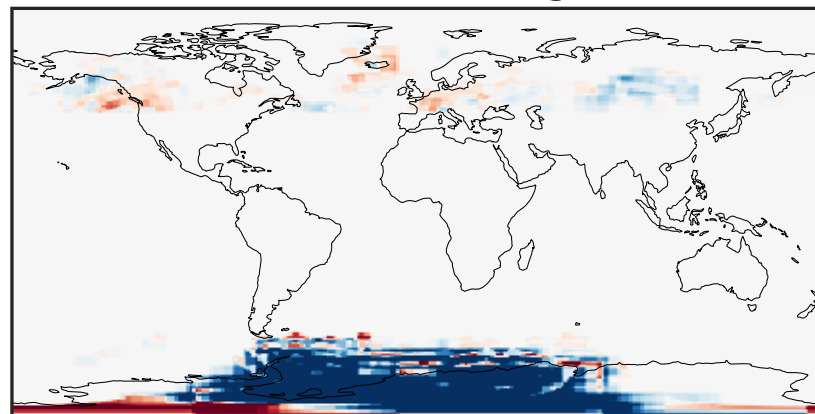
0.000 0.015 0.030 0.045  
1

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



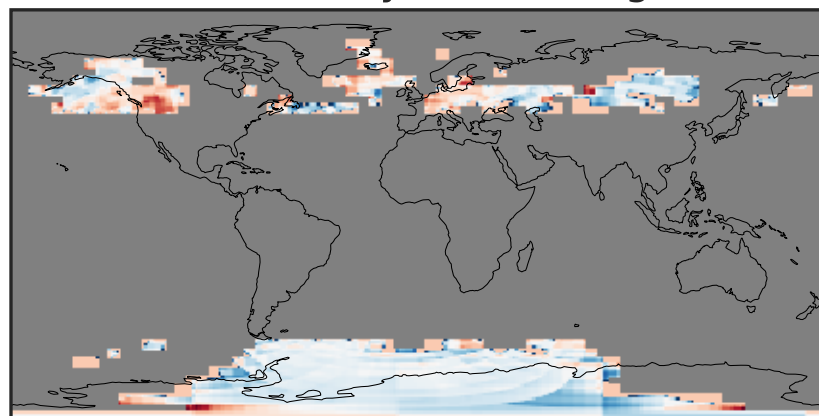
-0.015 0.000 0.015  
1

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



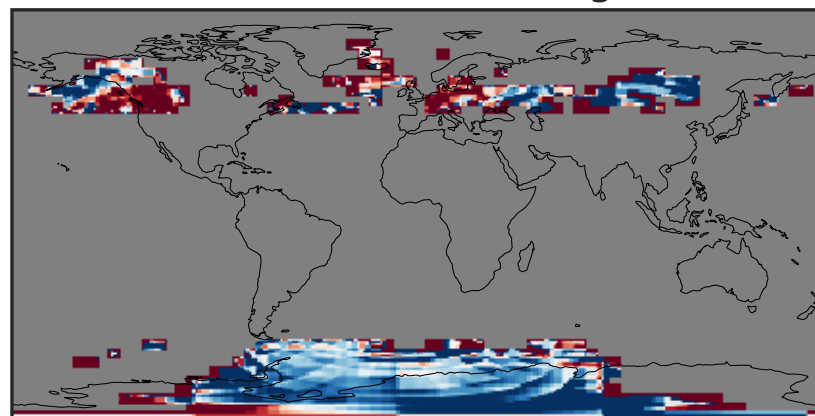
-0.0025 0.0000 0.0025  
1

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



1e-01 1 10  
unitless

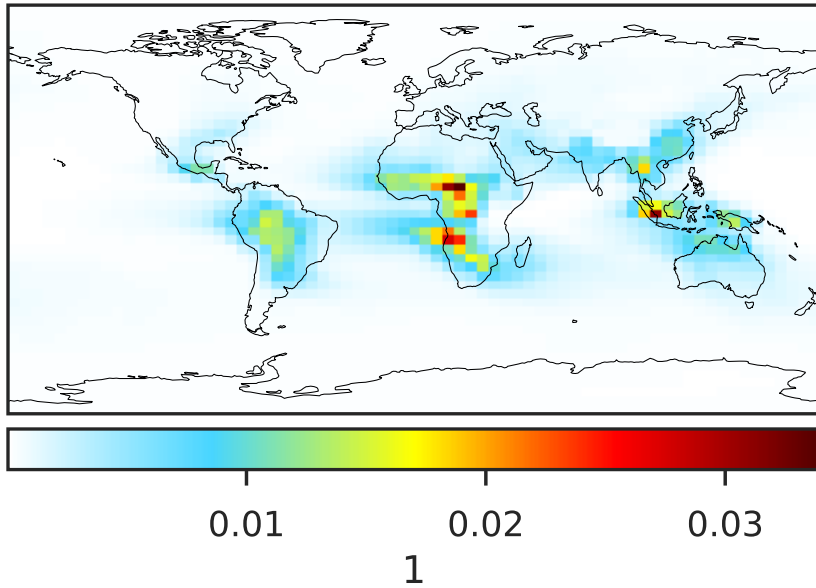
Ratio (1x1.25)  
Dev/Ref, Fixed Range



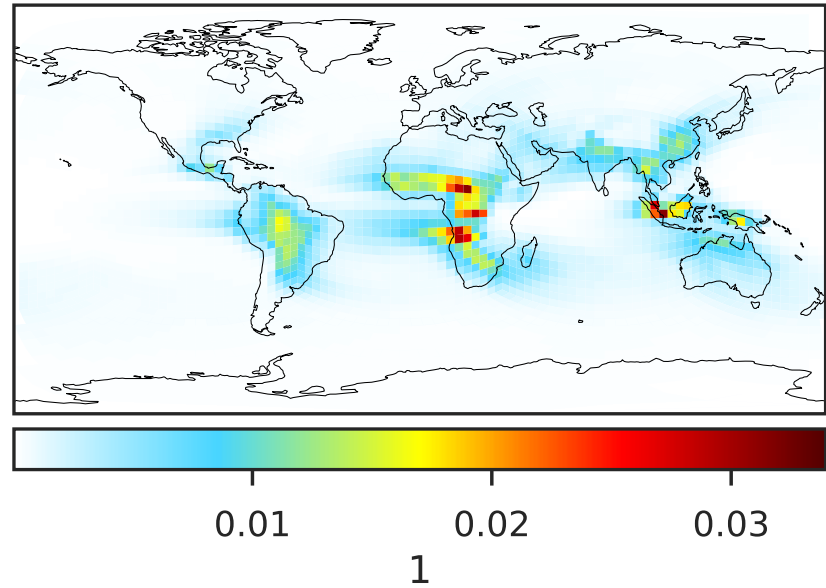
0.50 0.75 1.00 1.50 2.00  
unitless

# Column\_AOD\_SOA\_from\_Aqueous\_ISOP (Oct2019)

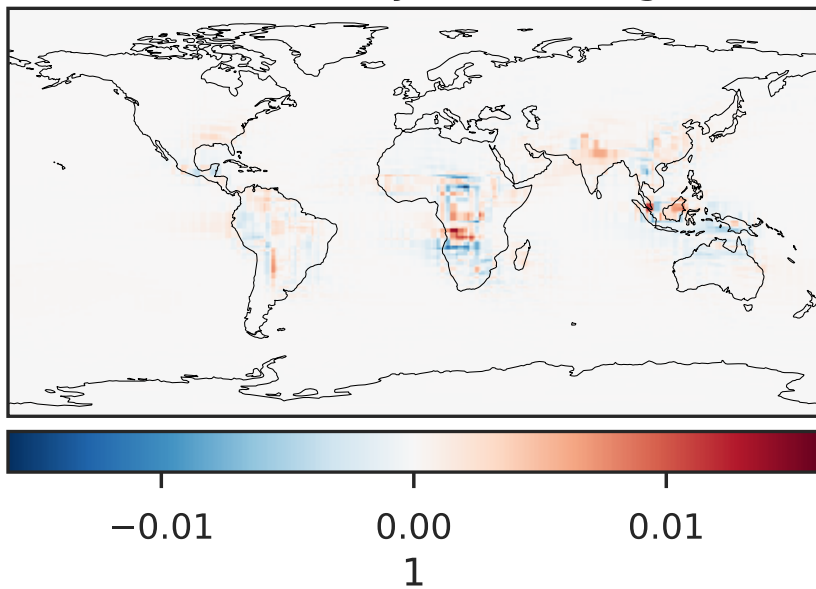
14.3.0-rc.0 (Ref)  
4.0x5.0



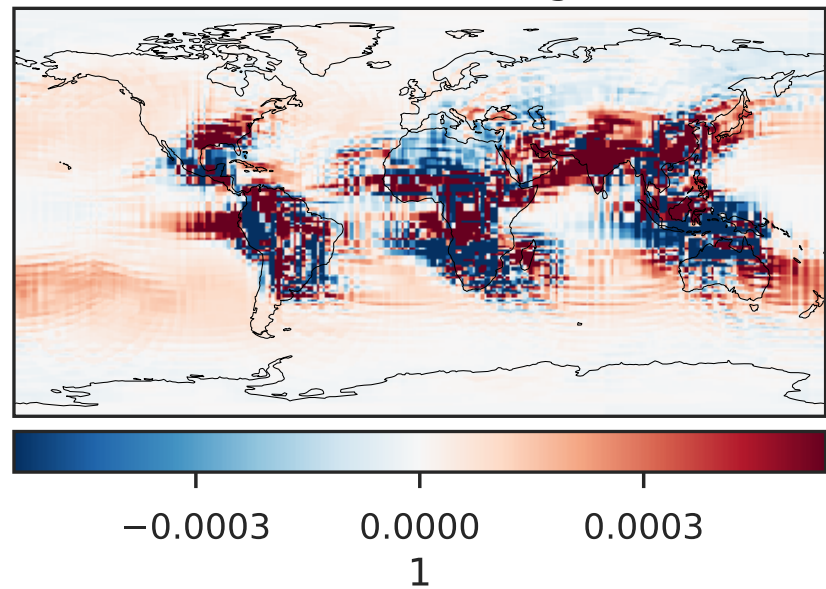
14.3.0-rc.0 (Dev)  
c24



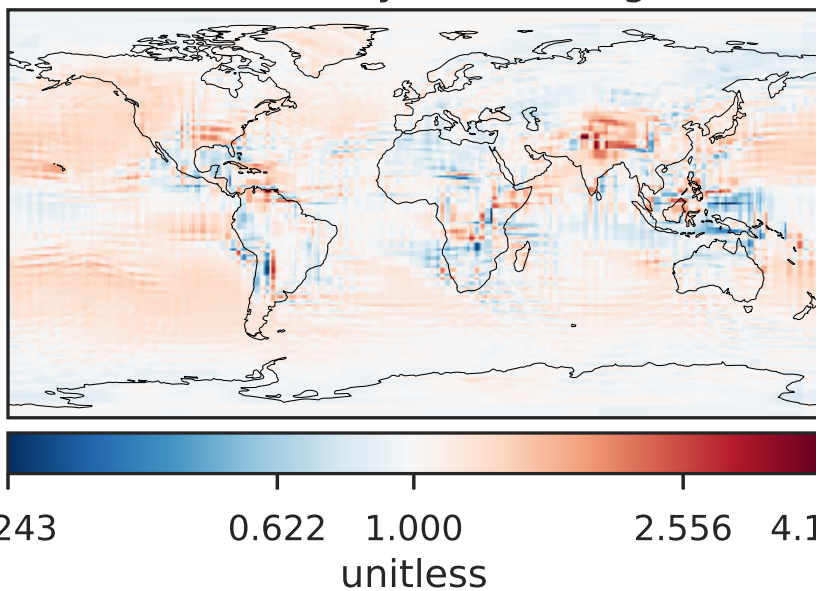
Difference (1x1.25)  
Dev - Ref, Dynamic Range



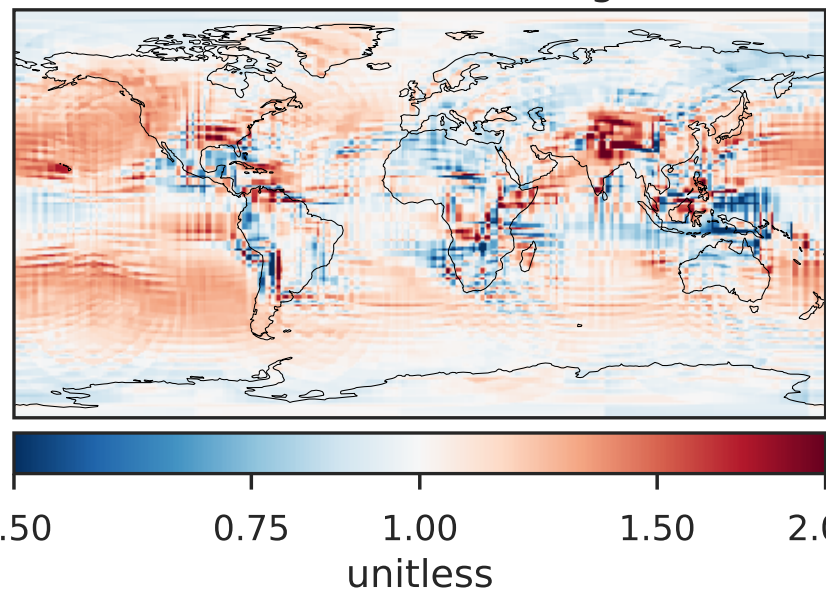
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



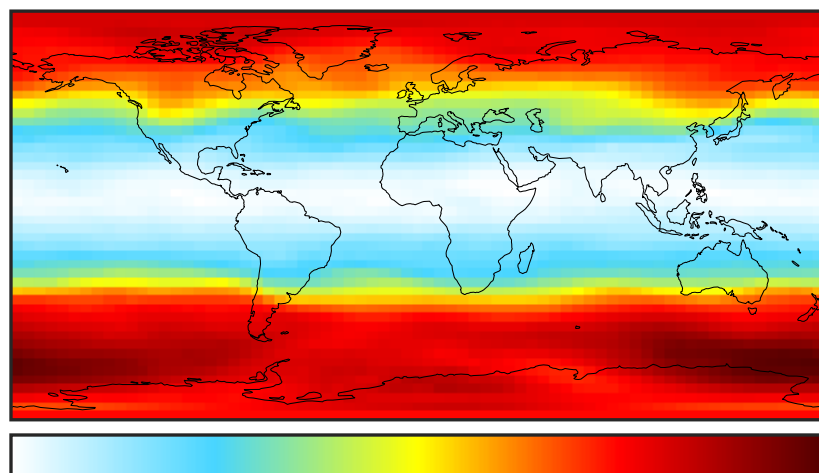
Ratio (1x1.25)  
Dev/Ref, Fixed Range





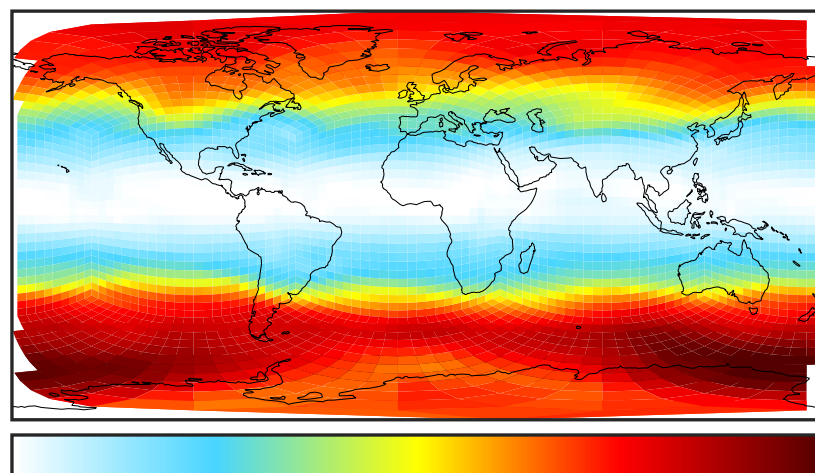
# Column\_AOD\_Strat\_Liquid\_Aerosol (Oct2019)

14.3.0-rc.0 (Ref)  
4.0x5.0



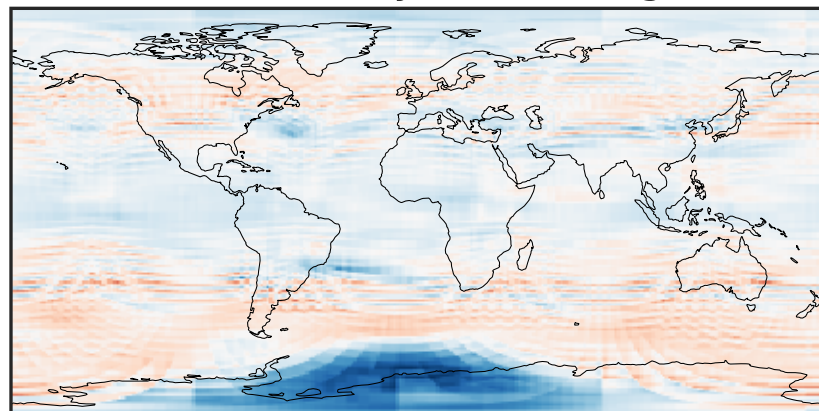
0.003 0.004 0.005  
1

14.3.0-rc.0 (Dev)  
c24



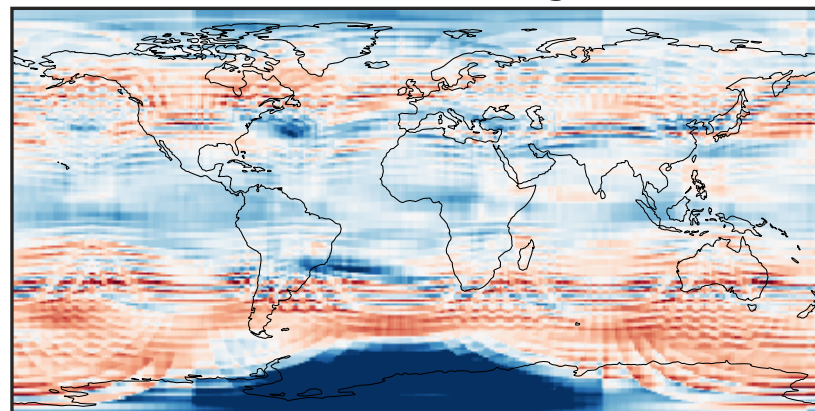
0.003 0.004 0.005  
1

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



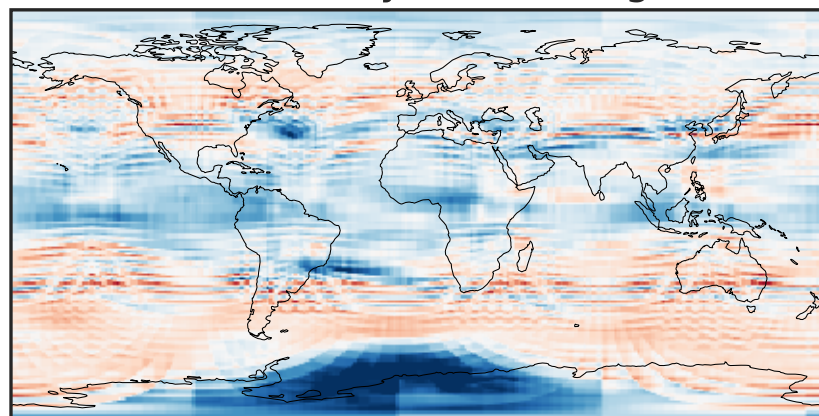
-0.0004 0.0000 0.0004  
1

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



-0.00015 0.00000 0.00015  
1

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



0.9021 0.9510 1.0000 1.0543 1.1086  
unitless

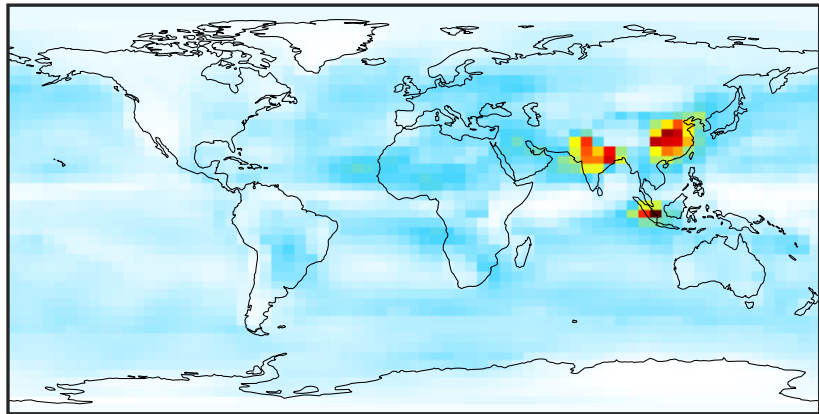
Ratio (1x1.25)  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

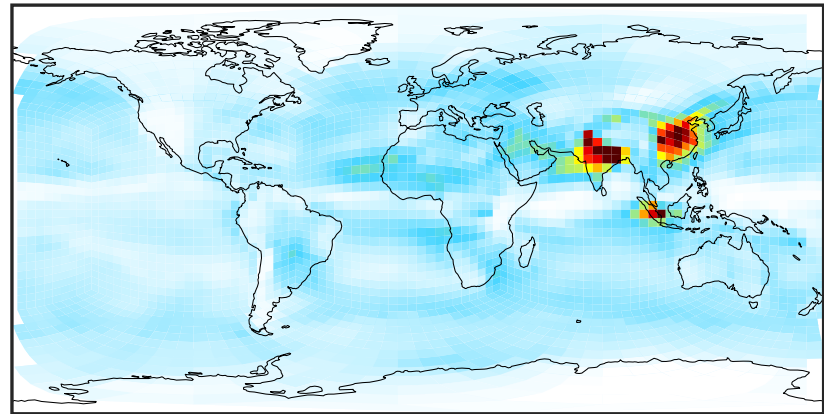
# Column\_AOD\_Total (Oct2019)

14.3.0-rc.0 (Ref)  
4.0x5.0



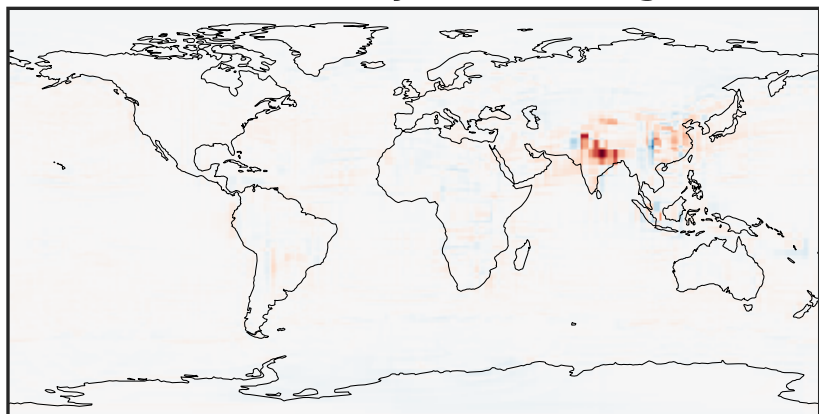
0.0139 0.2050 0.3961 0.5872 0.7783  
1

14.3.0-rc.0 (Dev)  
c24



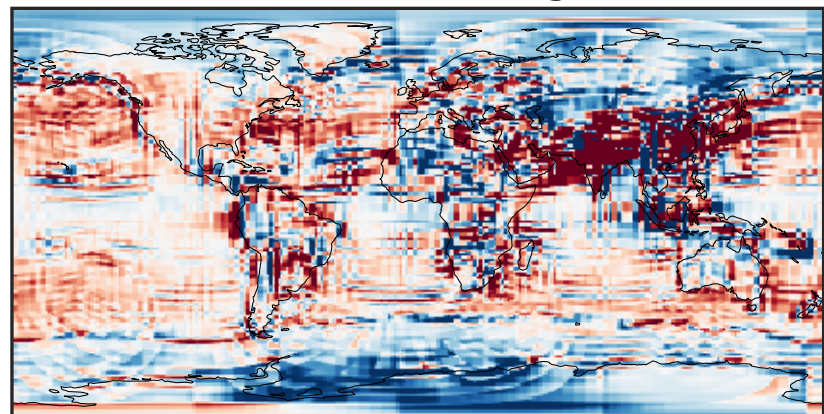
0.0139 0.2050 0.3961 0.5872 0.7783  
1

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



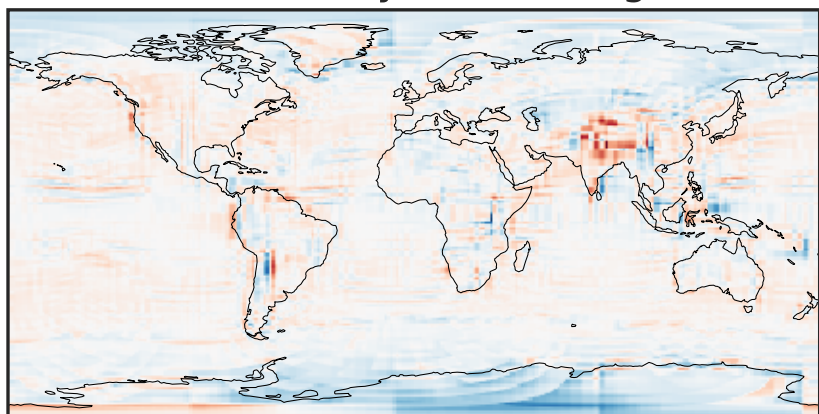
-0.526 -0.263 0.000 0.263 0.526  
1

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



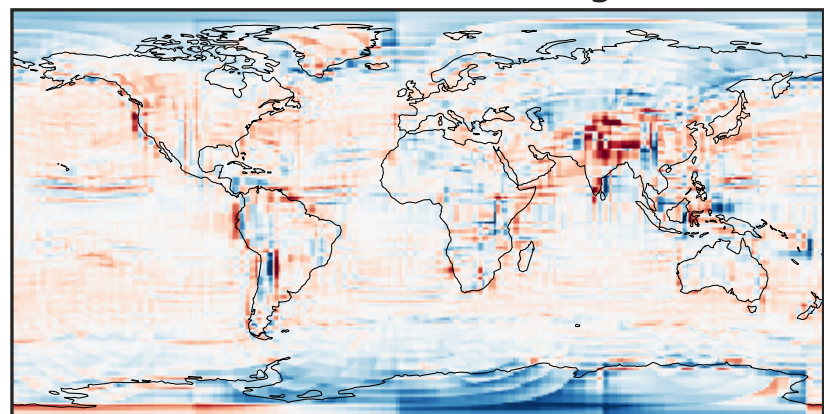
-0.01 0.00 0.01  
1

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



0.272 0.636 1.000 2.341 3.682  
unitless

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



0.50 0.75 1.00 1.50 2.00  
unitless