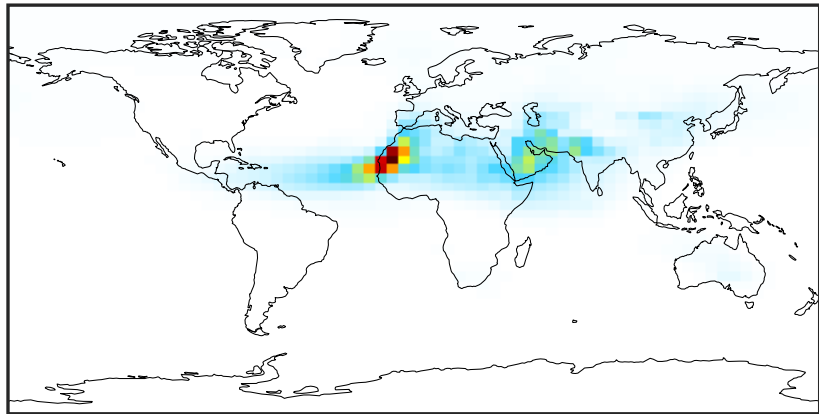


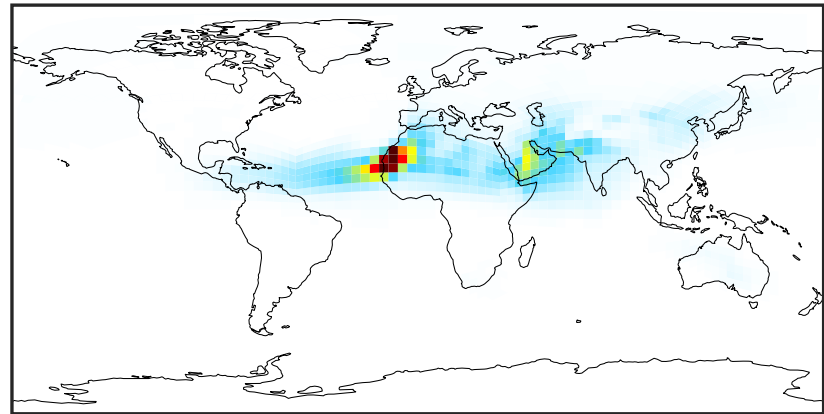
# Column\_AOD\_Dust (Jul2019)

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



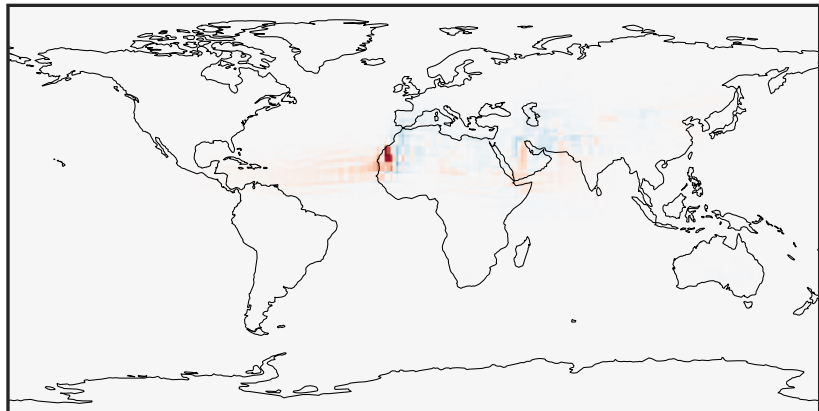
0.000 0.167 0.334 0.501 0.668  
1

14.3.0-rc.0 (Dev)  
c24



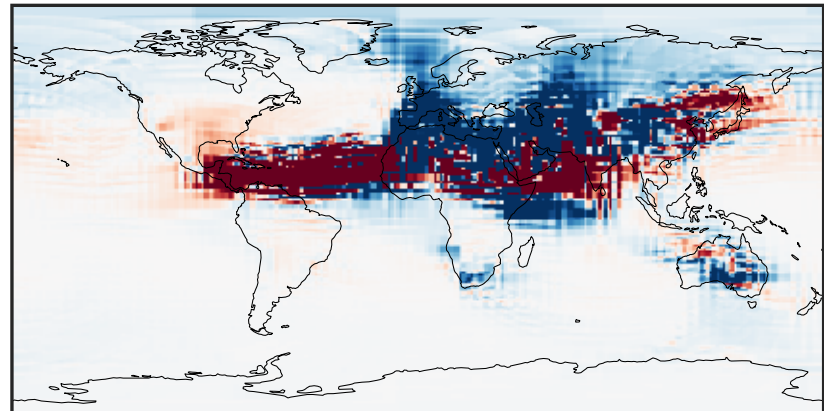
0.000 0.167 0.334 0.501 0.668  
1

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



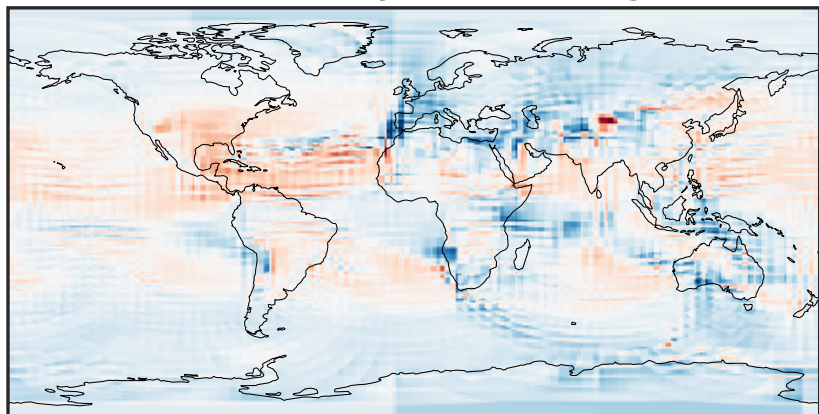
-0.4571 -0.2285 0.0000 0.2285 0.4571  
1

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



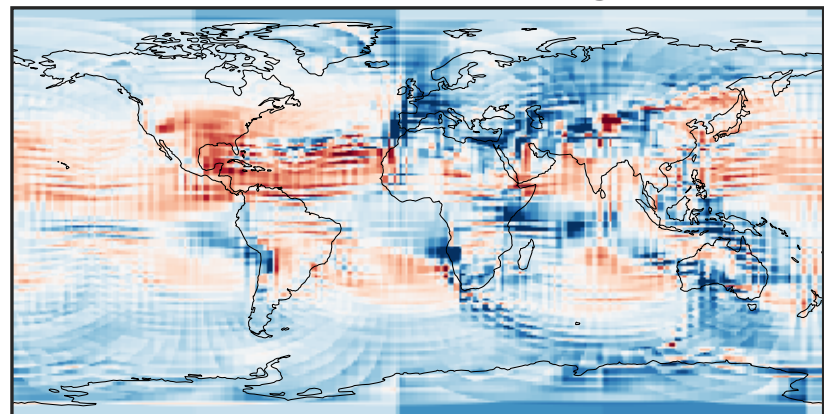
-0.002 0.000 0.002  
1

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



0.251 0.626 1.000 2.489 3.978  
unitless

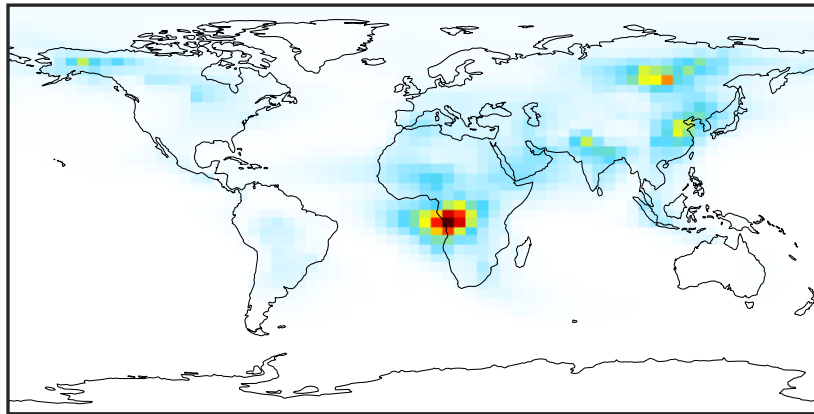
Ratio (1x1.25)  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

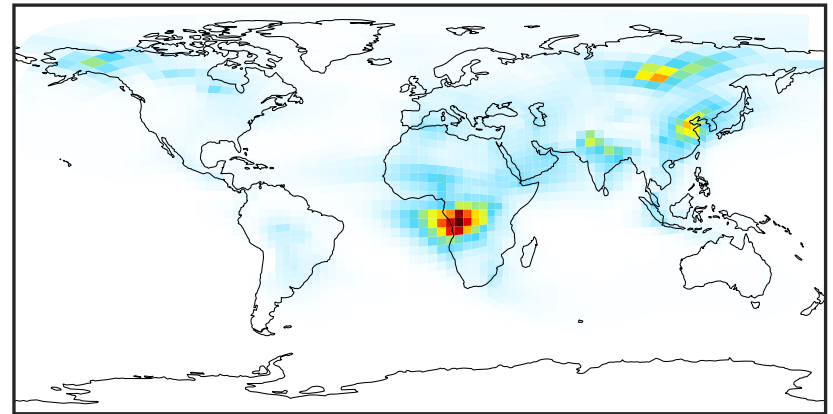
# Column\_AOD\_BCPI (Jul2019)

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



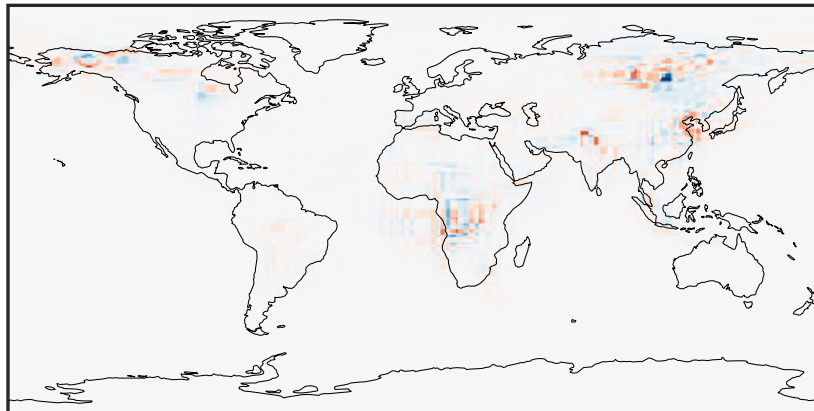
0.015 0.030  
1

14.3.0-rc.0 (Dev)  
c24



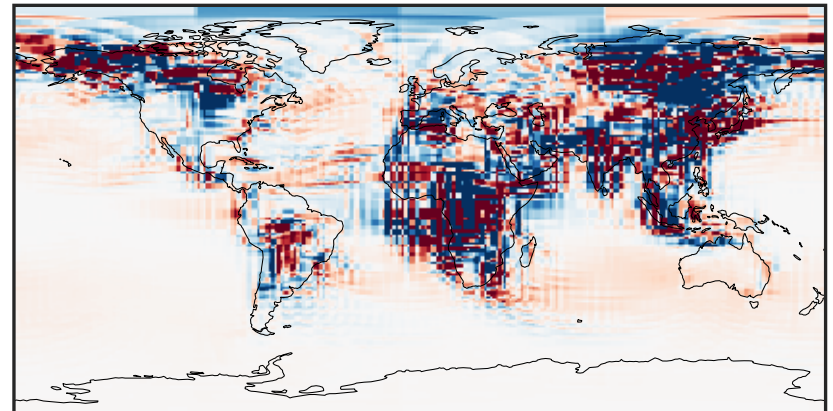
0.015 0.030  
1

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



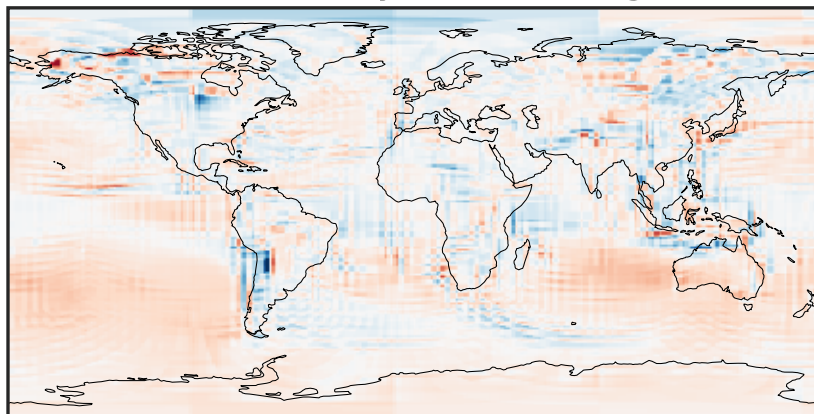
-0.008 0.000 0.008  
1

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



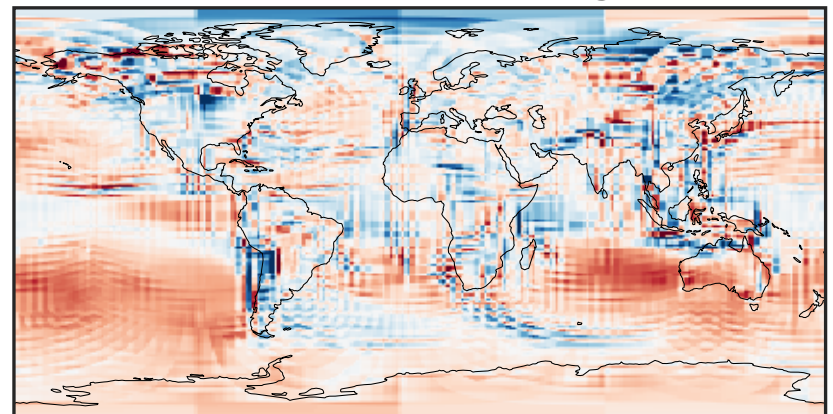
-0.00025 0.00000 0.00025  
1

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



0.212 0.606 1.000 2.864 4.728  
unitless

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

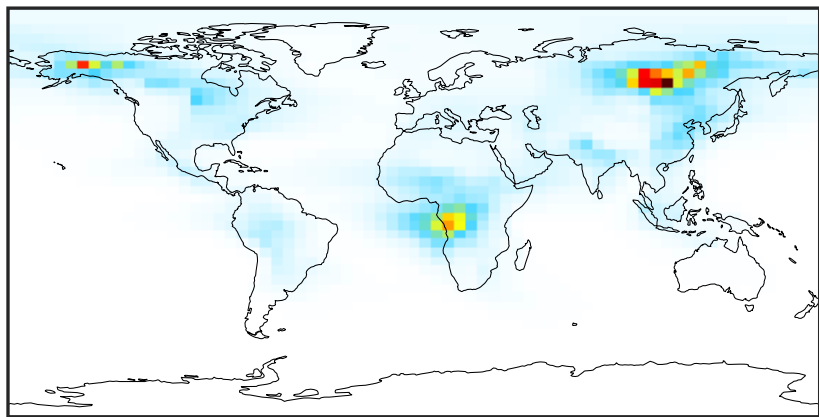


0.50 0.75 1.00 1.50 2.00  
unitless



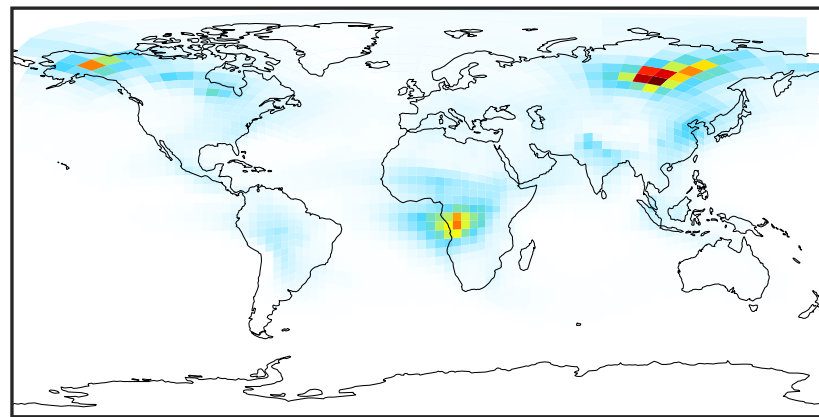
# Column\_AOD\_OCPI (Jul2019)

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



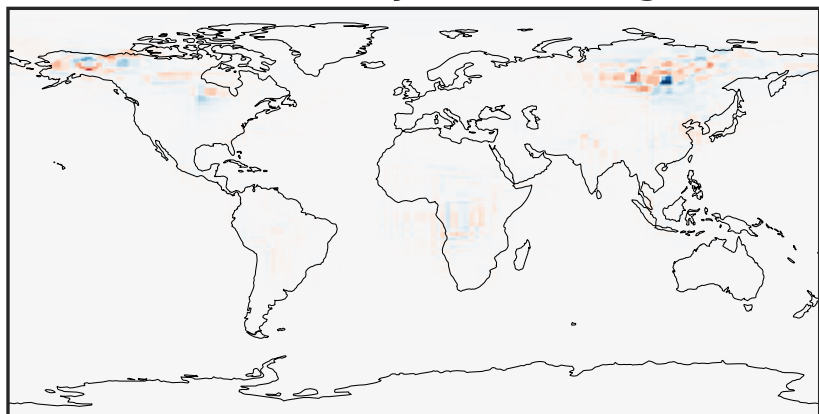
0.0008 0.1974 0.3940 0.5906 0.7872  
1

14.3.0-rc.0 (Dev)  
c24



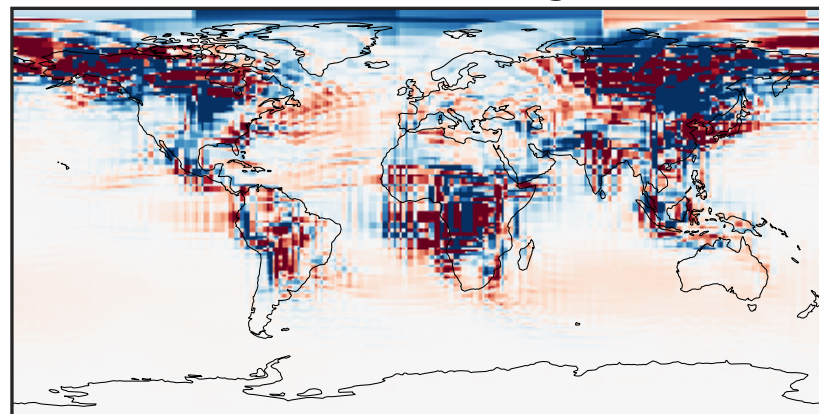
0.0008 0.1974 0.3940 0.5906 0.7872  
1

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



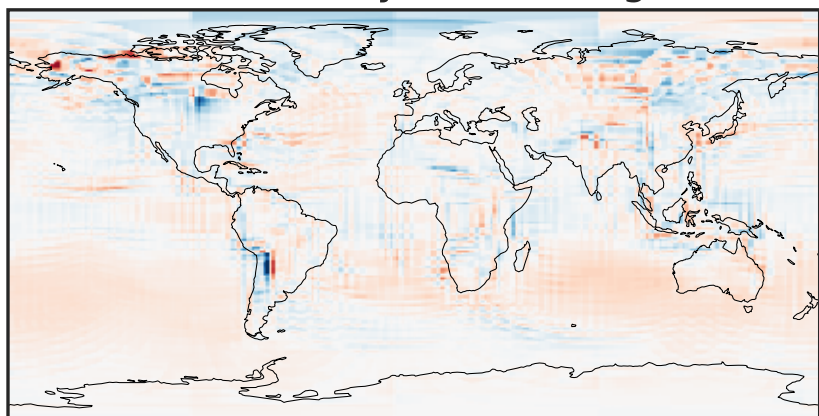
-0.4416 -0.2228 0.0000 0.2228 0.4416  
1

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



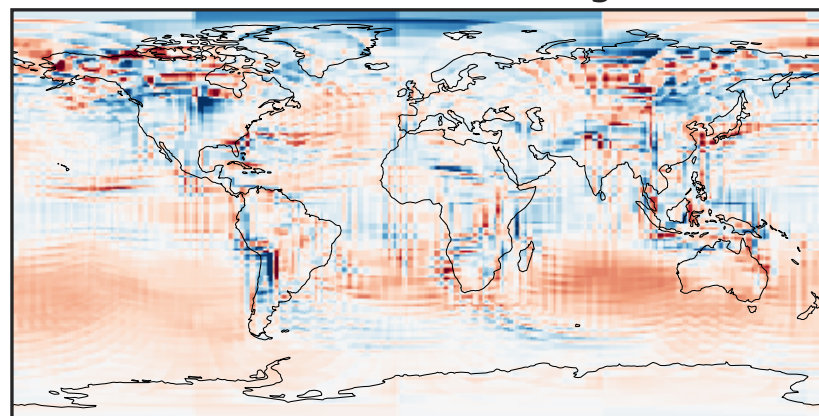
-0.005 0.000 0.005  
1

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



0.208 0.604 1.000 2.899 4.798  
unitless

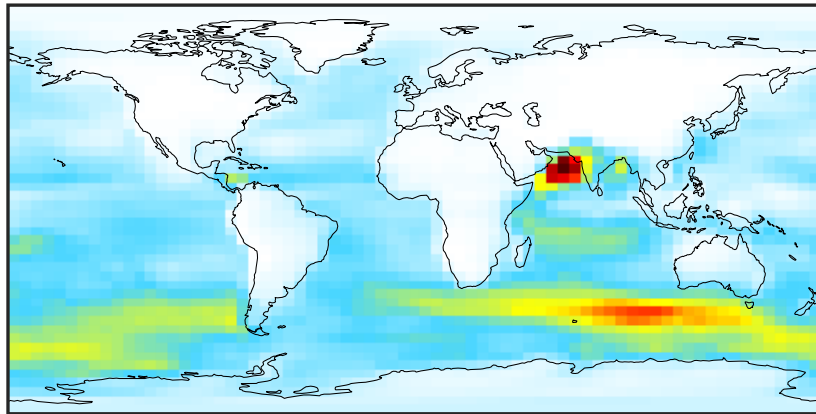
Ratio (1x1.25)  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

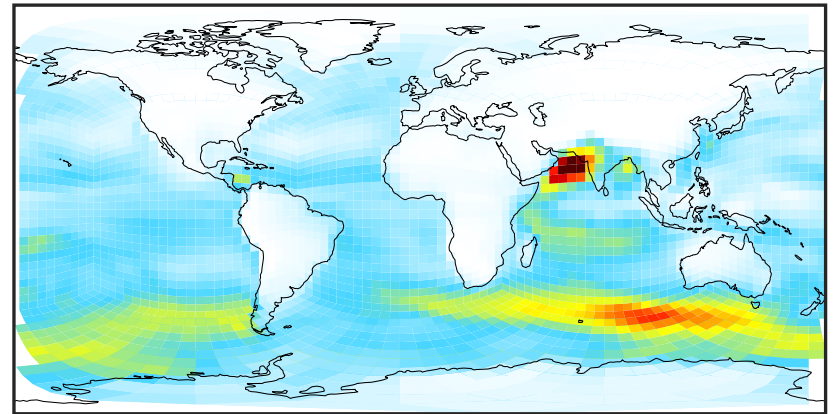
# Column\_AOD\_SALA (Jul2019)

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



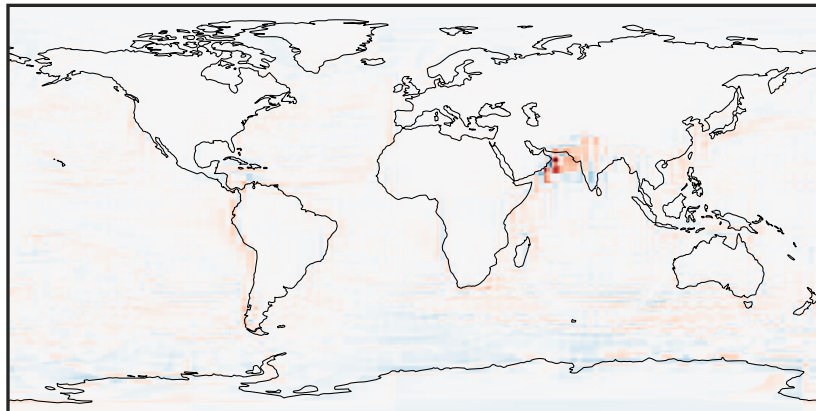
0.025 0.050 0.075  
1

14.3.0-rc.0 (Dev)  
c24



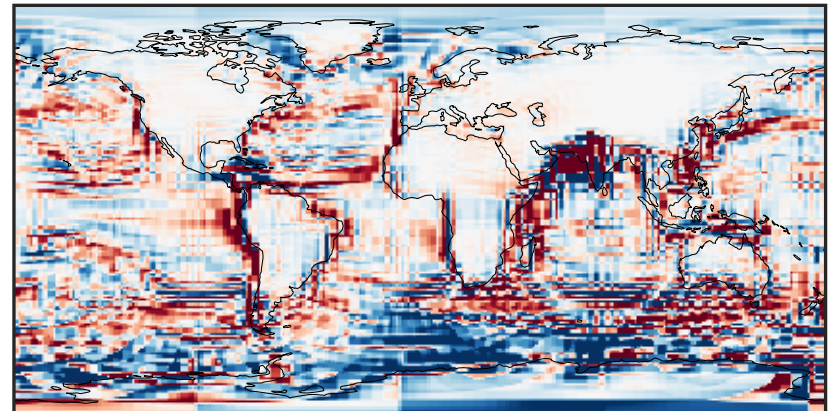
0.025 0.050 0.075  
1

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



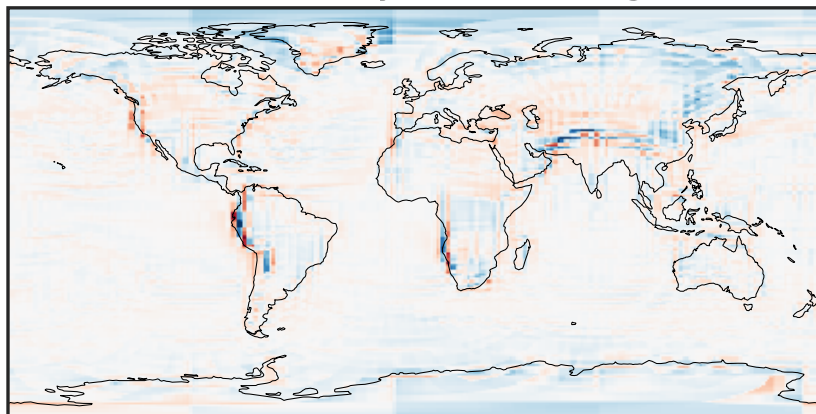
-0.025 0.000 0.025  
1

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



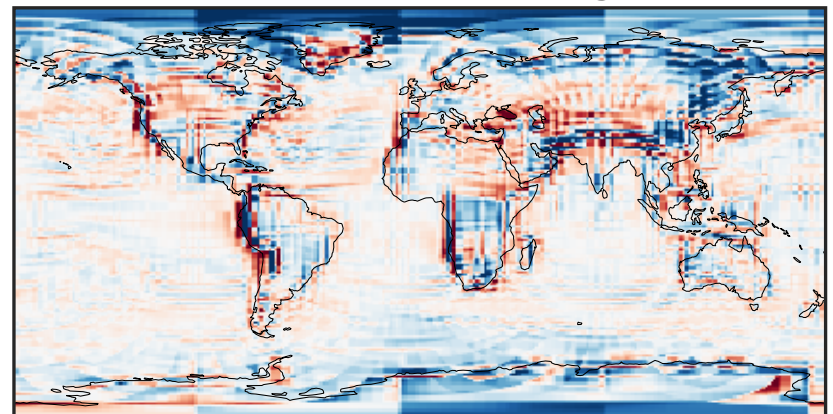
-0.002 0.000 0.002  
1

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



1e-01 1 10  
unitless

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

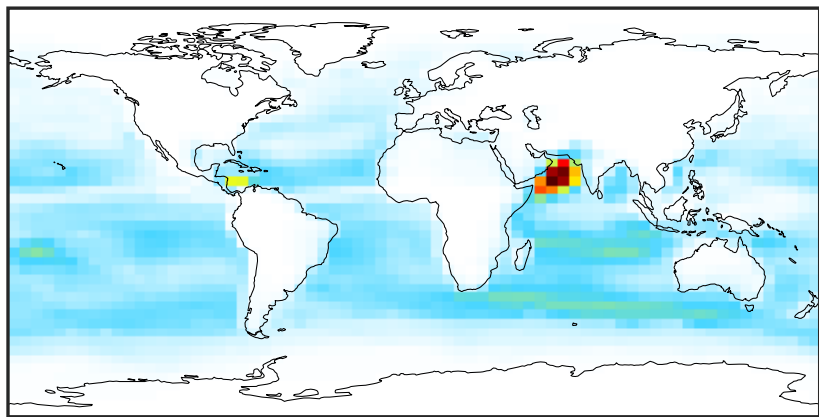


0.50 0.75 1.00 1.50 2.00  
unitless



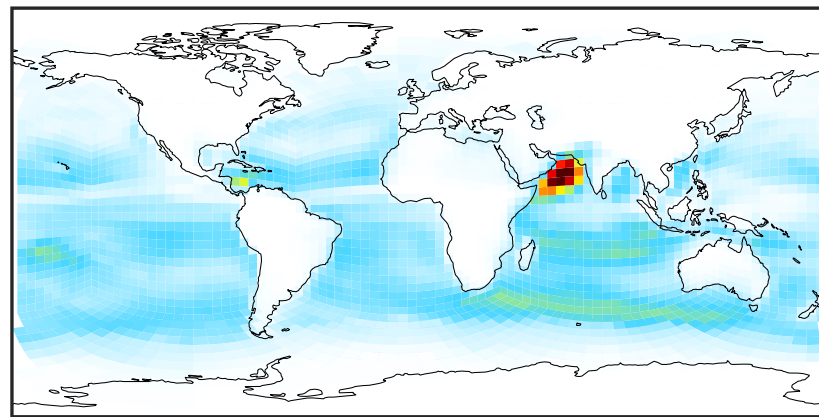
# Column\_AOD\_SALC (Jul2019)

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



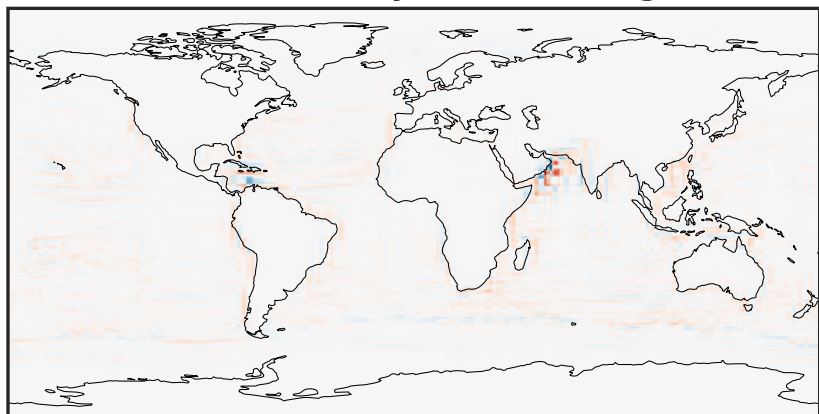
0.0000 0.0793 0.1586 0.2378 0.3171  
1

14.3.0-rc.0 (Dev)  
c24



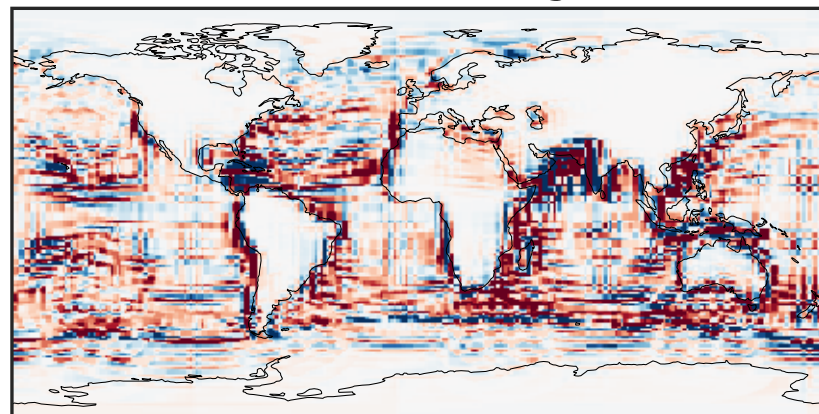
0.0000 0.0793 0.1586 0.2378 0.3171  
1

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



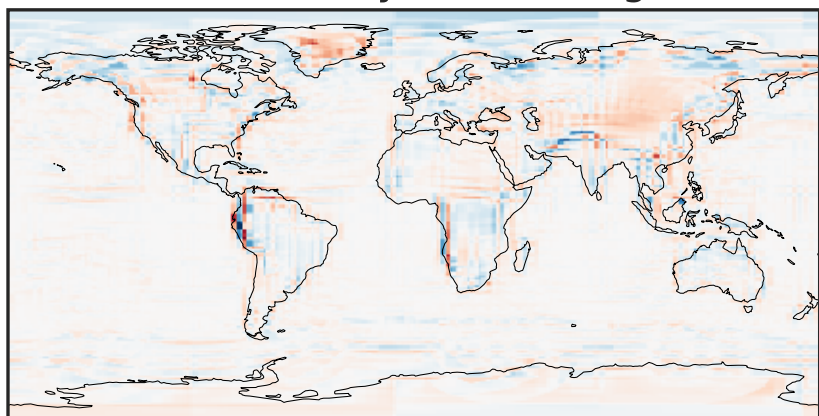
-0.1534 -0.0767 0.0000 0.0767 0.1534  
1

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



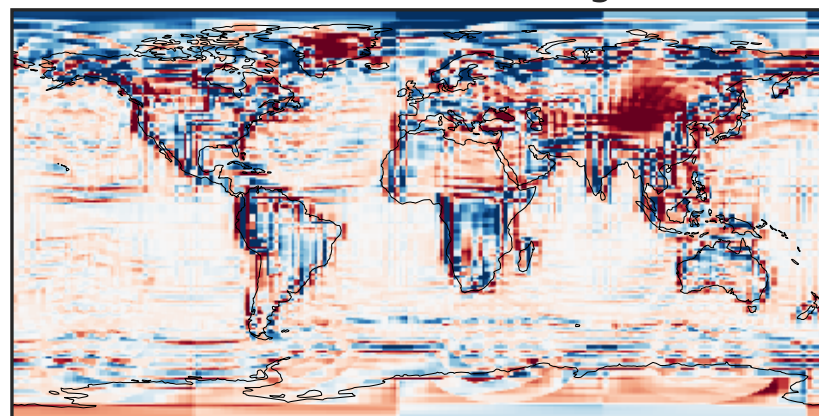
-0.004 0.000 0.004  
1

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



1e-01 1 10  
unitless

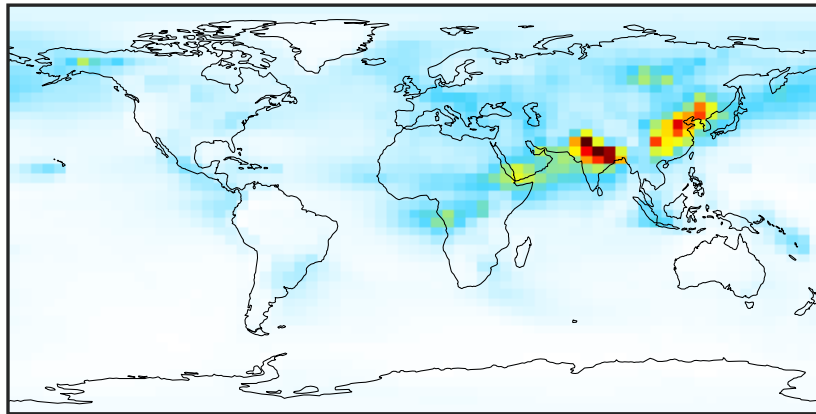
Ratio (1x1.25)  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

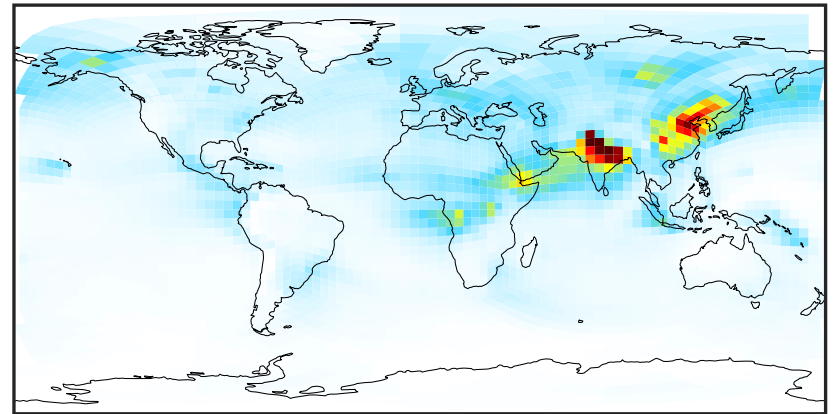
# Column\_AOD\_SO4 (Jul2019)

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



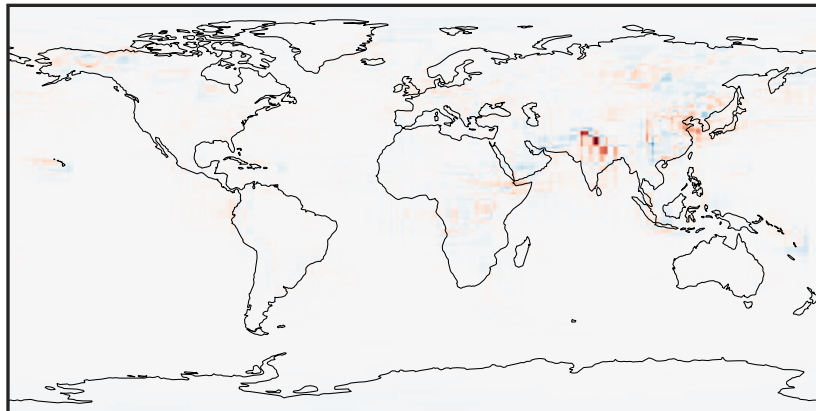
0.0020 0.1006 0.1992 0.2978 0.3964  
1

14.3.0-rc.0 (Dev)  
c24



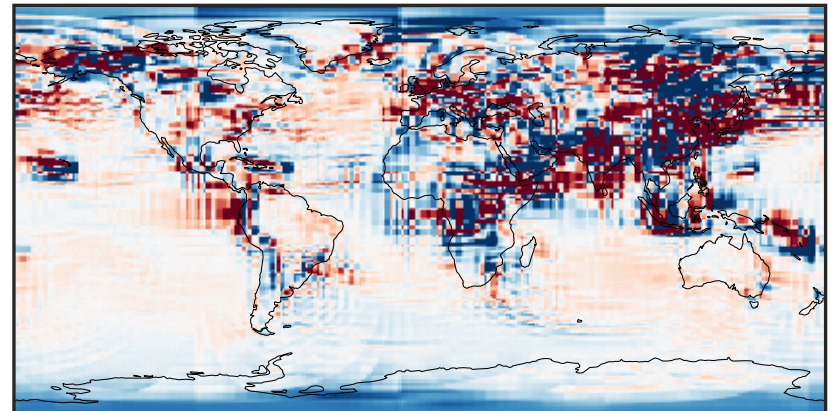
0.0020 0.1006 0.1992 0.2978 0.3964  
1

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



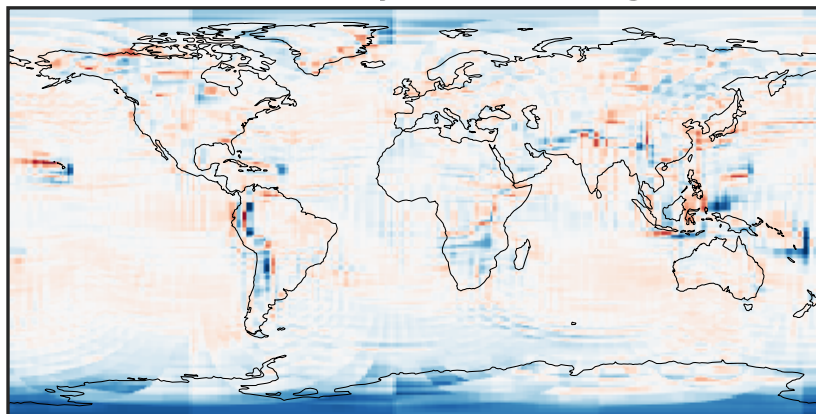
-0.2463 -0.1232 0.0000 0.1232 0.2463  
1

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



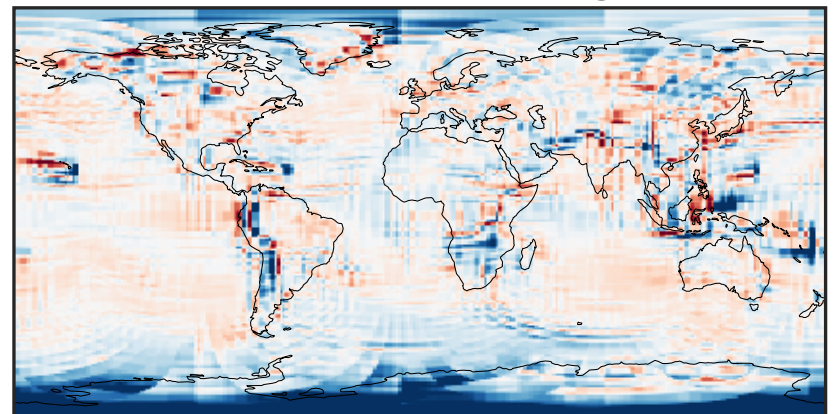
-0.005 0.000 0.005  
1

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



0.285 0.643 1.000 2.253 3.507  
unitless

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

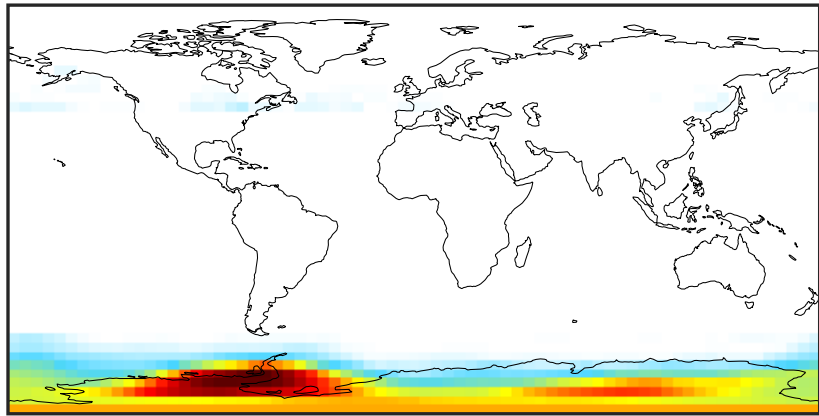


0.50 0.75 1.00 1.50 2.00  
unitless



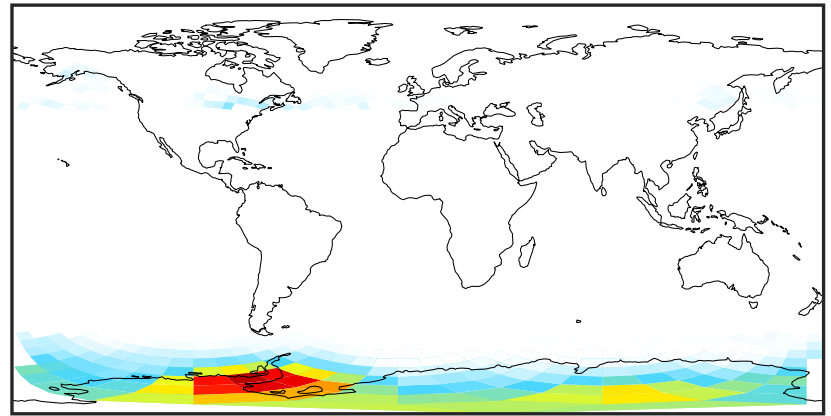
# Column\_AOD\_Polar\_Strat\_Cloud (Jul2019)

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



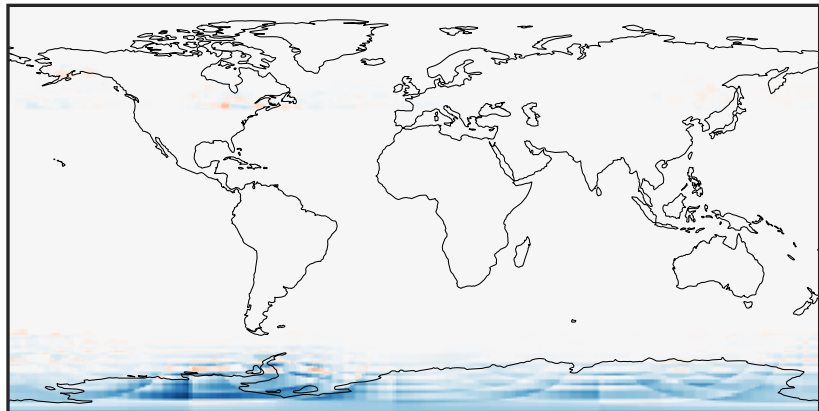
0.0000 0.0384 0.0767 0.1151 0.1534  
1

14.3.0-rc.0 (Dev)  
c24



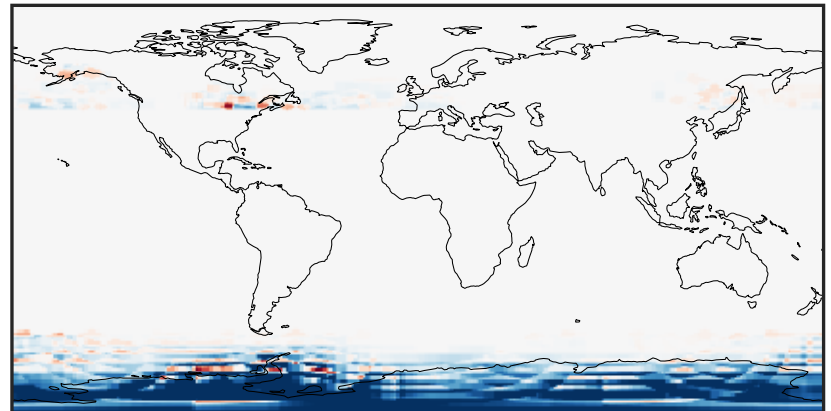
0.0000 0.0384 0.0767 0.1151 0.1534  
1

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



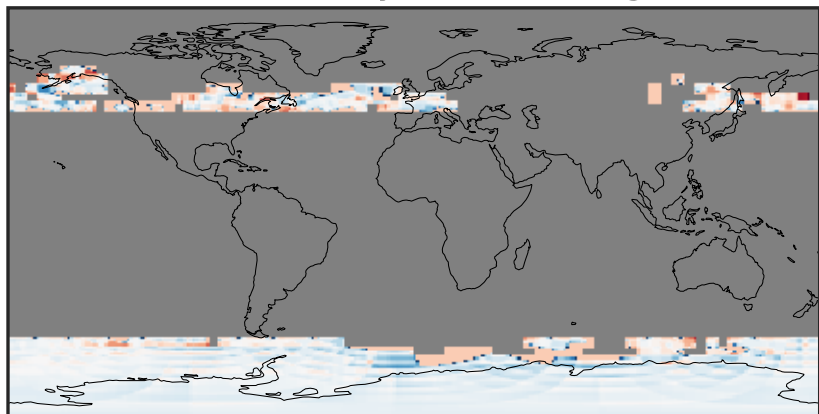
-0.0650 -0.0325 0.0000 0.0325 0.0650  
1

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



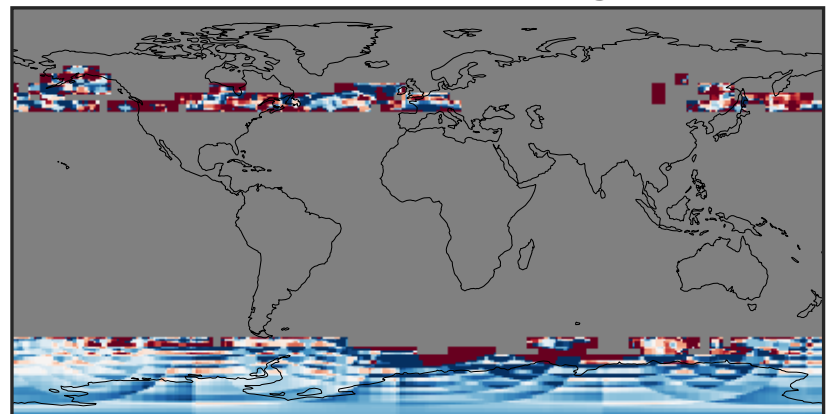
-0.015 0.000 0.015  
1

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



1e-01 1 10  
unitless

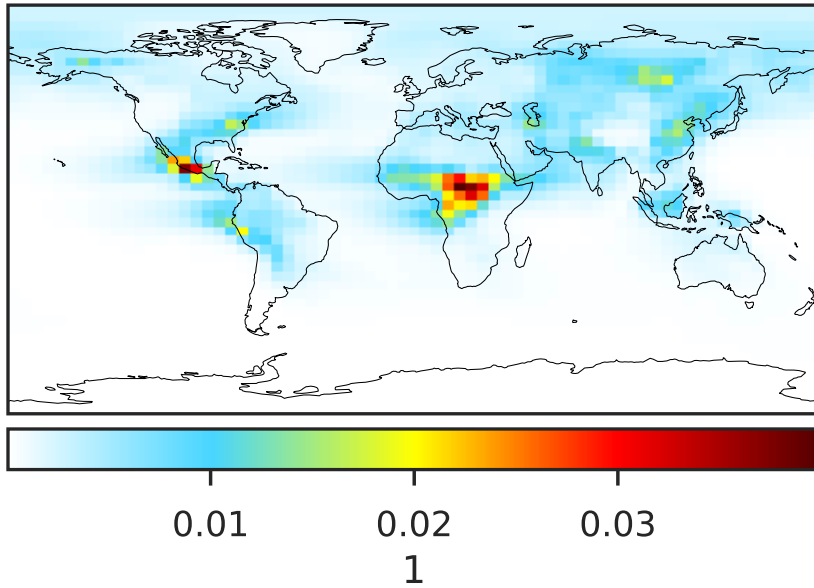
Ratio (1x1.25)  
Dev/Ref, Fixed Range



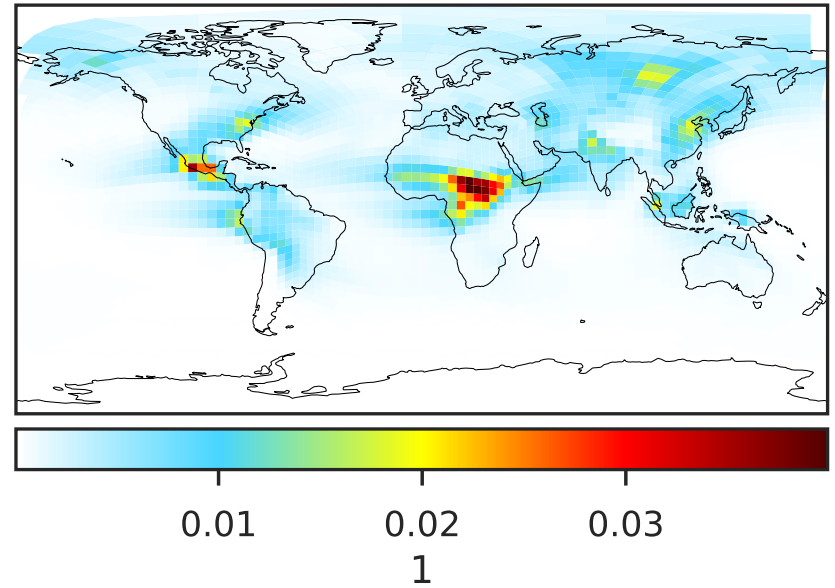
0.50 0.75 1.00 1.50 2.00  
unitless

# Column\_AOD\_SOA\_from\_Aqueous\_ISOP (Jul2019)

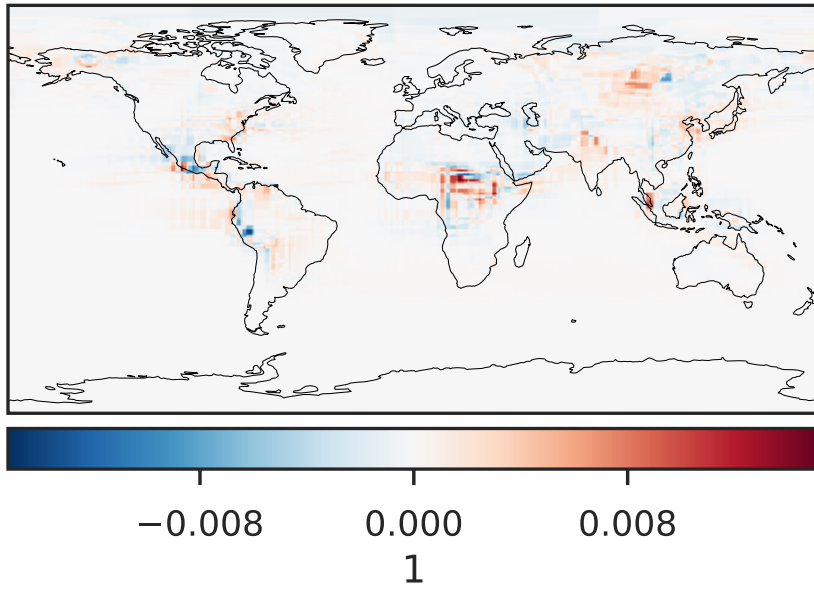
14.3.0-rc.0 (Ref)  
4.0x5.0



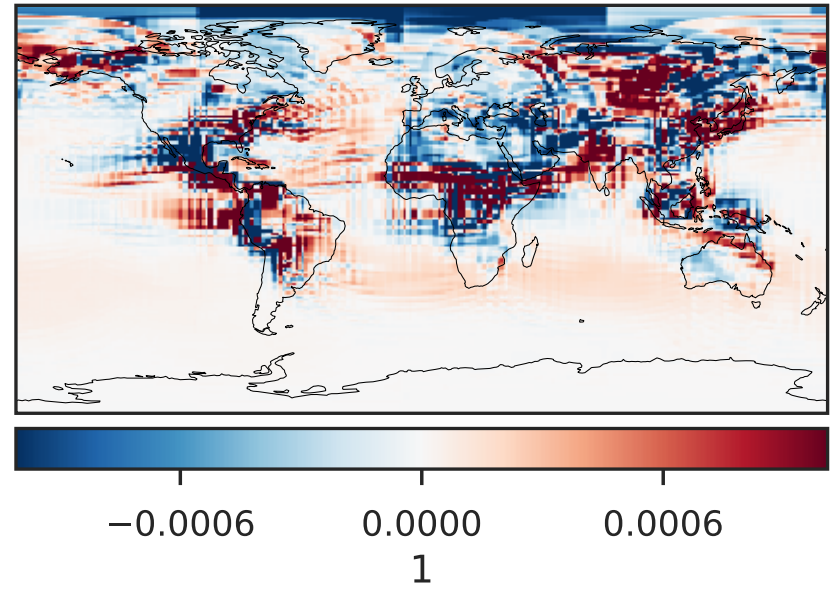
14.3.0-rc.0 (Dev)  
c24



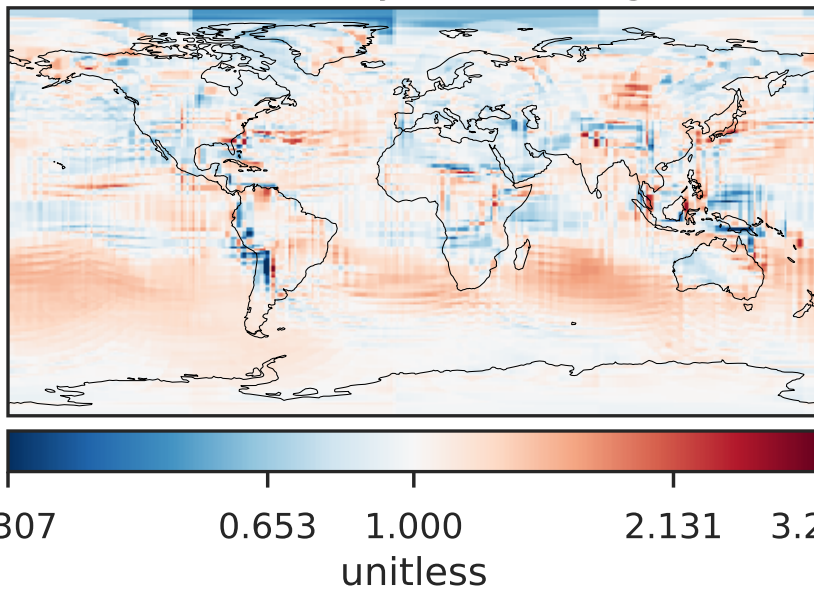
Difference (1x1.25)  
Dev - Ref, Dynamic Range



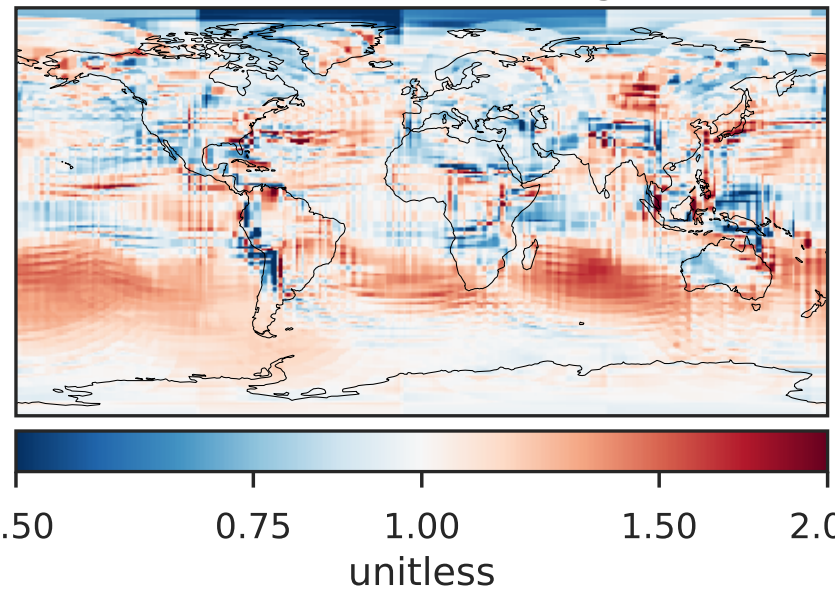
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



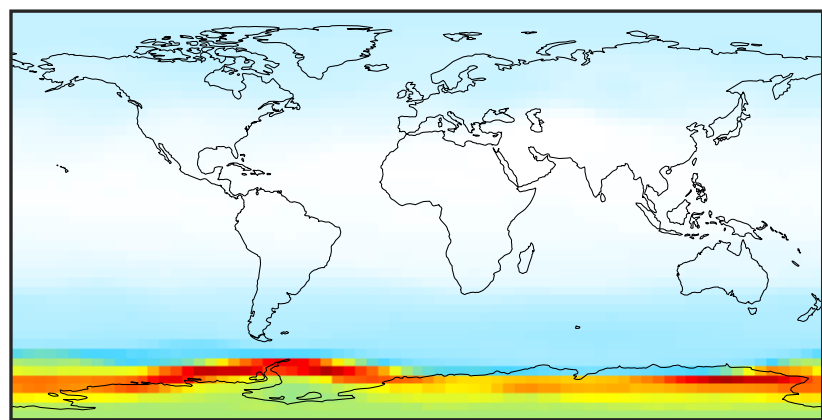
Ratio (1x1.25)  
Dev/Ref, Fixed Range





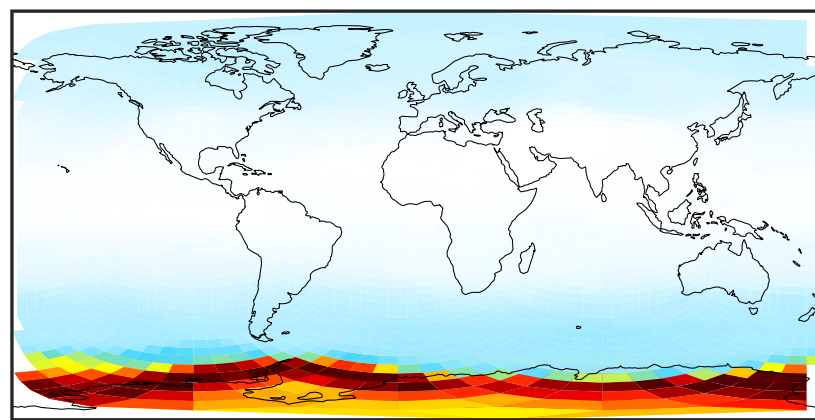
# Column\_AOD\_Strat\_Liquid\_Aerosol (Jul2019)

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



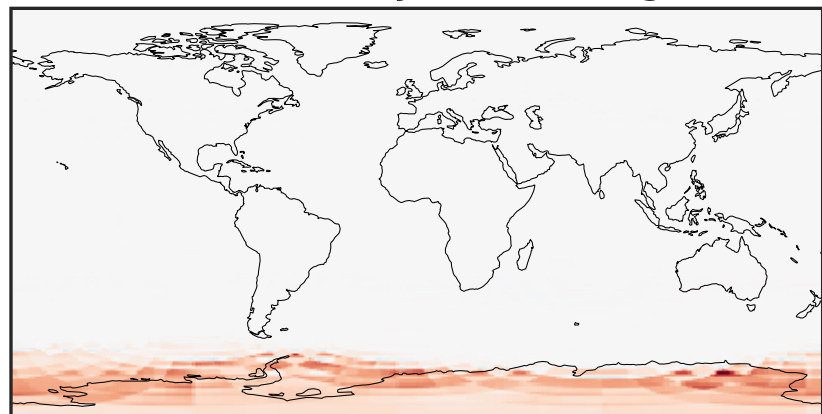
0.006 0.012 0.018 0.024  
1

14.3.0-rc.0 (Dev)  
c24



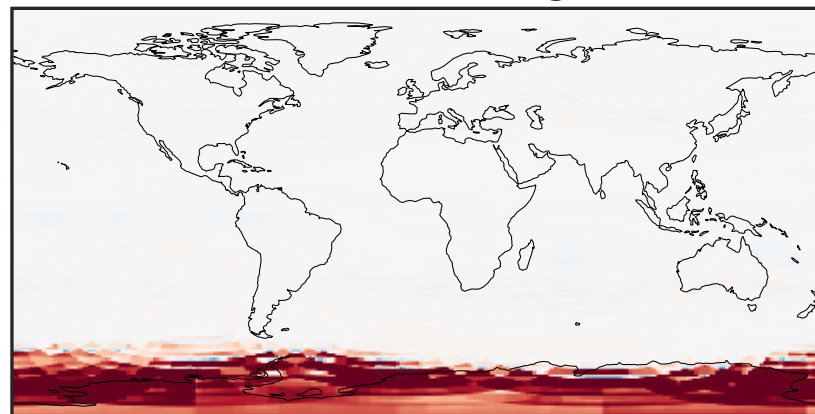
0.006 0.012 0.018 0.024  
1

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



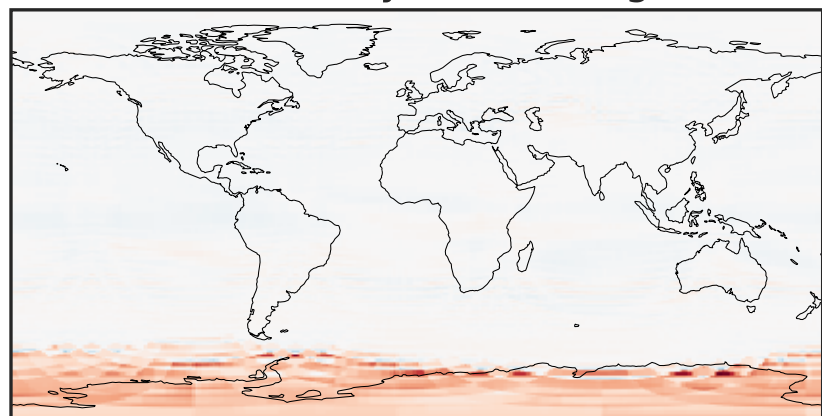
-0.01 0.00 0.01  
1

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



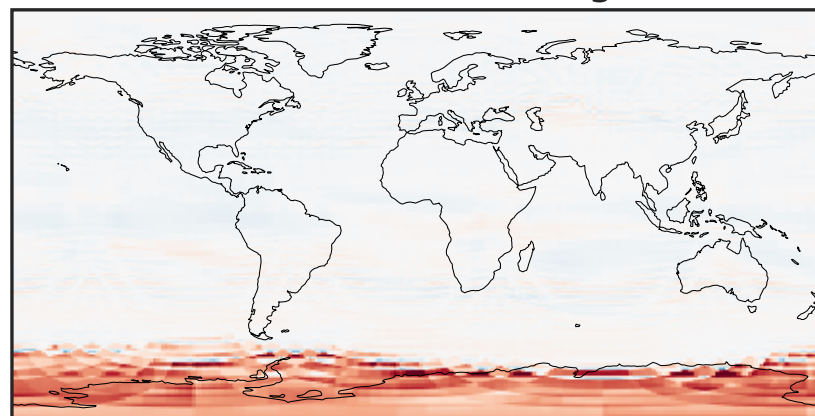
-0.003 0.000 0.003  
1

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



0.318 0.659 1.000 2.072 3.143  
unitless

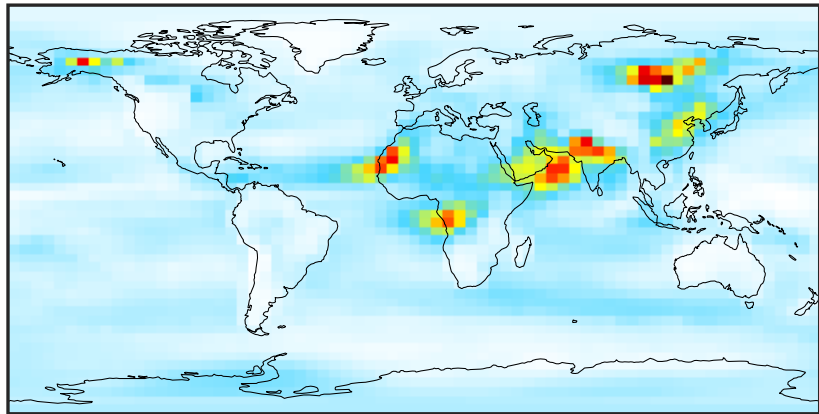
Ratio (1x1.25)  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

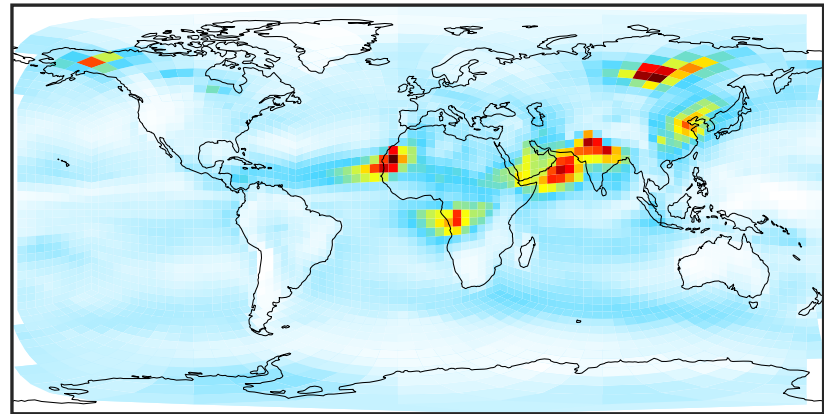
# Column\_AOD\_Total (Jul2019)

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



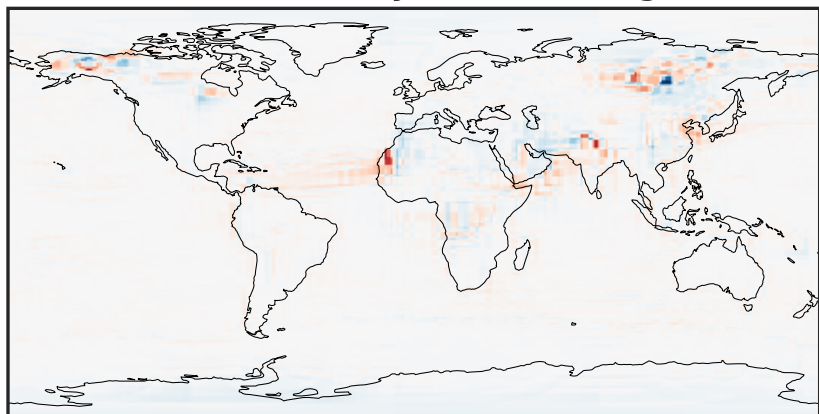
0.0135 0.2538 0.4941 0.7343 0.9746  
1

14.3.0-rc.0 (Dev)  
c24



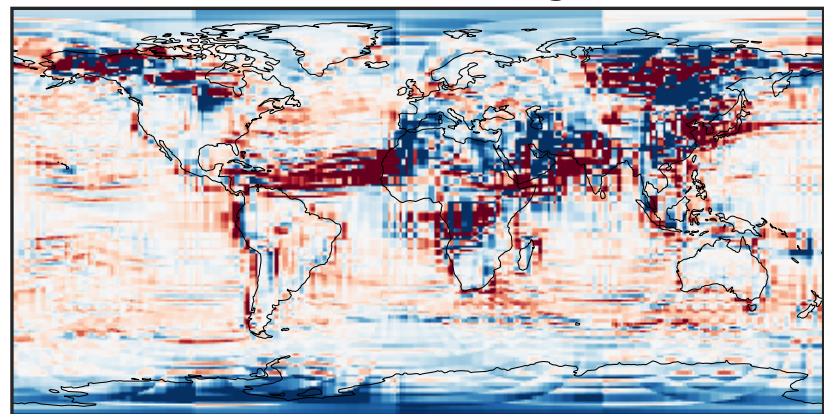
0.0135 0.2538 0.4941 0.7343 0.9746  
1

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



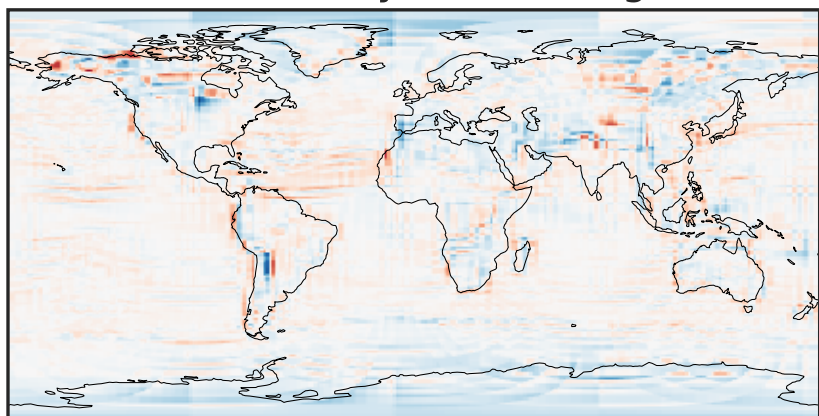
-0.527 -0.264 0.000 0.264 0.527  
1

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



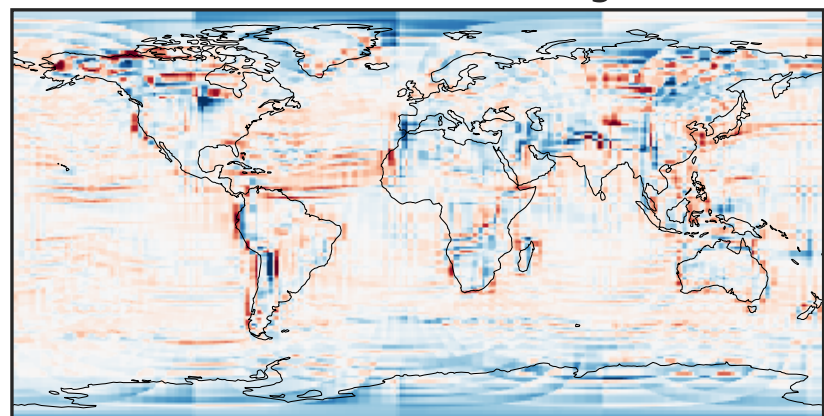
-0.02 0.00 0.02  
1

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



0.265 0.633 1.000 2.386 3.773  
unitless

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



0.50 0.75 1.00 1.50 2.00  
unitless