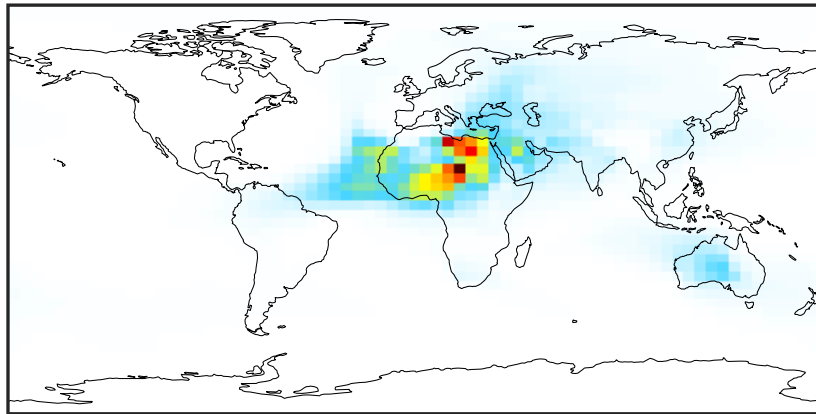


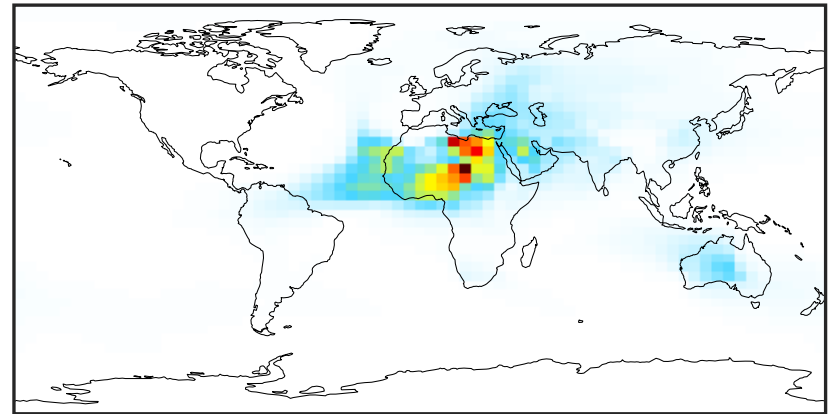
Column_AOD_Dust (Jan2019)

14.2.0-rc.2 (Ref)
4.0x5.0



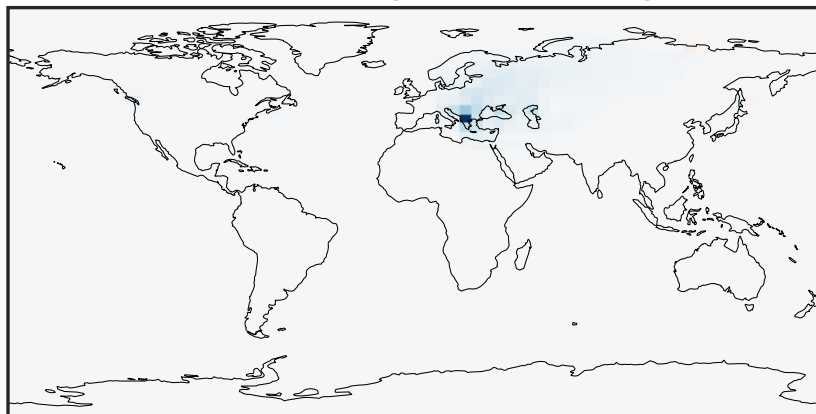
0.0001 0.0706 0.1411 0.2116 0.2821
1

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



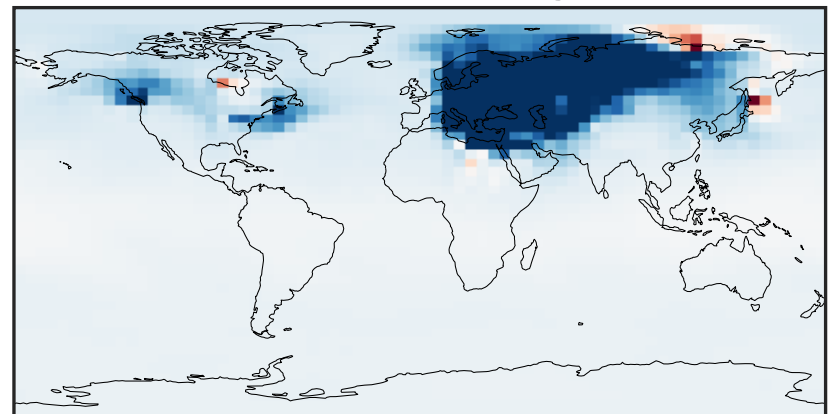
0.0001 0.0706 0.1411 0.2116 0.2821
1

Difference
Dev - Ref, Dynamic Range



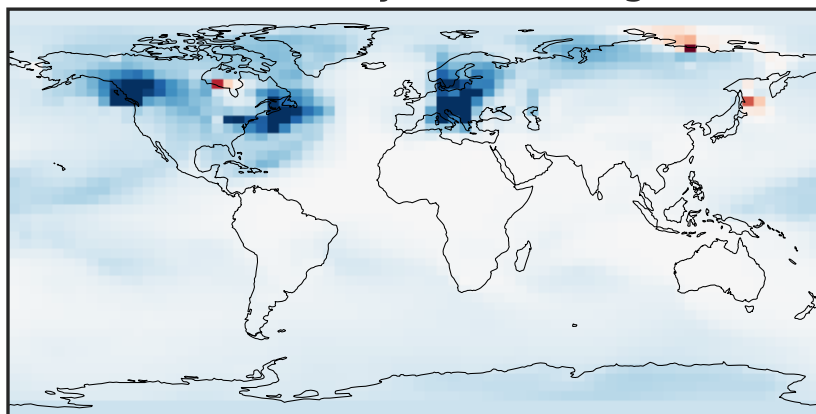
-0.0001 0.0000 0.0001
1

Difference
Dev - Ref, Restricted Range [5%,95%]



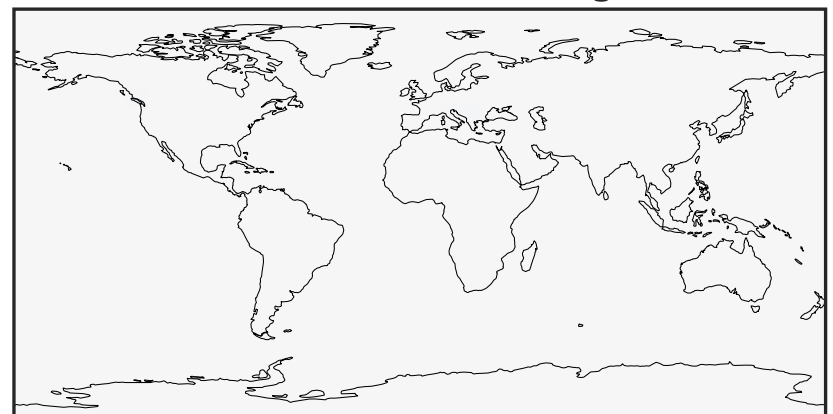
-2.5 0.0 2.5
1 1e-6

Ratio
Dev/Ref, Dynamic Range



0.996517 0.998258 1.000000 1.001748 1.003496
unitless

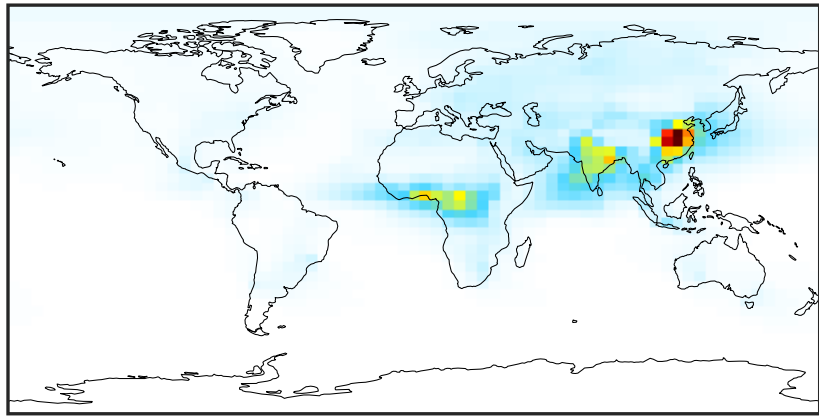
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

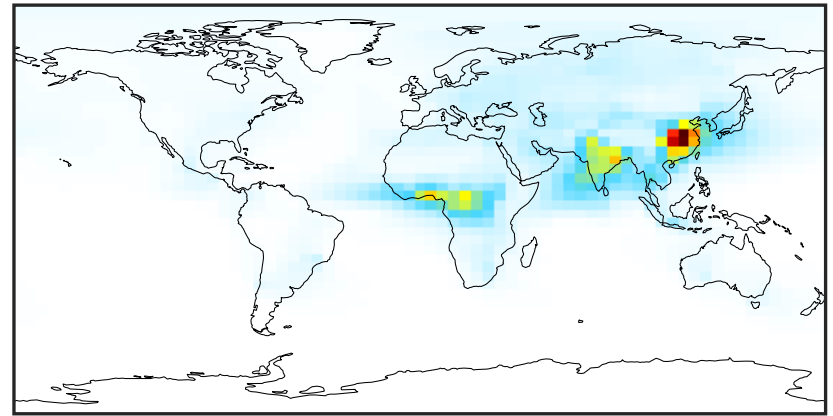
Column_AOD_BCPI (Jan2019)

14.2.0-rc.2 (Ref)
4.0x5.0



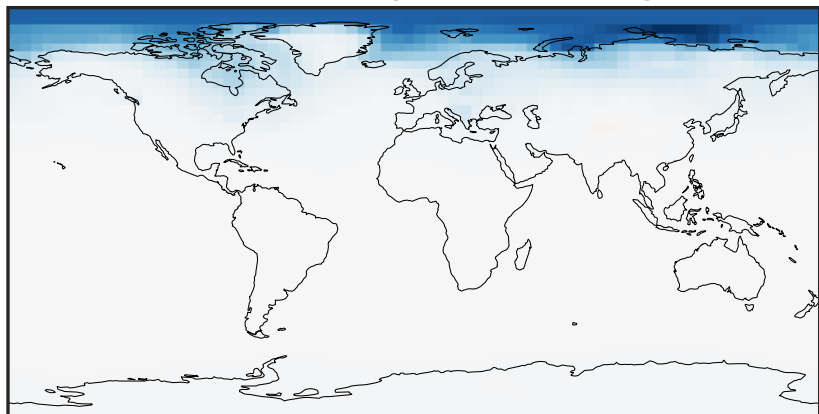
0.015 0.030 0.045
1

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



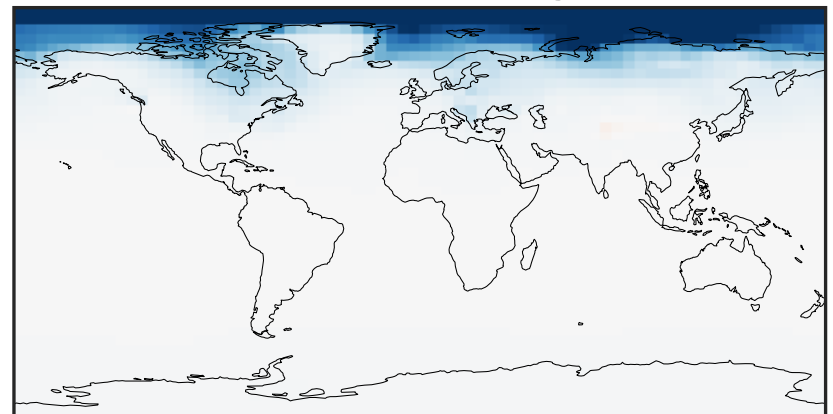
0.015 0.030 0.045
1

Difference
Dev - Ref, Dynamic Range



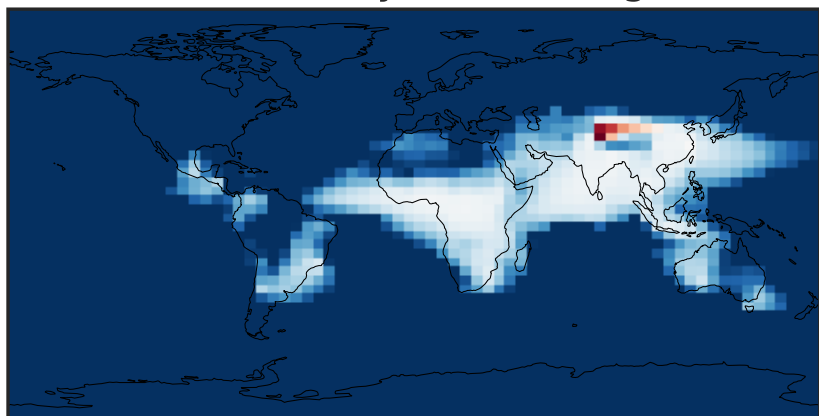
-4 0 4
1 $1e-5$

Difference
Dev - Ref, Restricted Range [5%,95%]



-3 0 3
1 $1e-5$

Ratio
Dev/Ref, Dynamic Range



0.999486 1.000000 1.000514
unitless

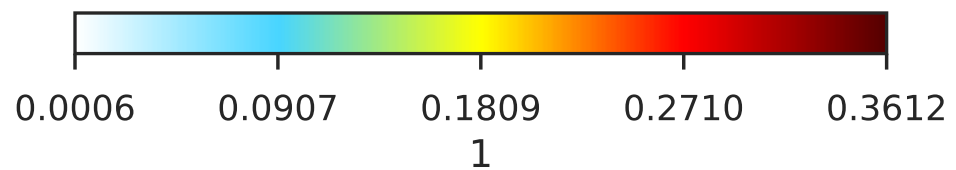
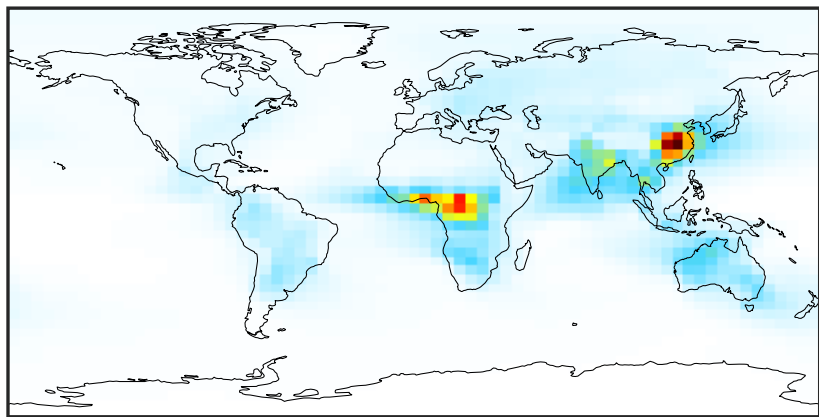
Ratio
Dev/Ref, Fixed Range



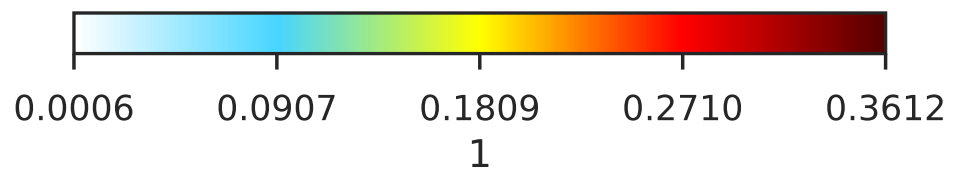
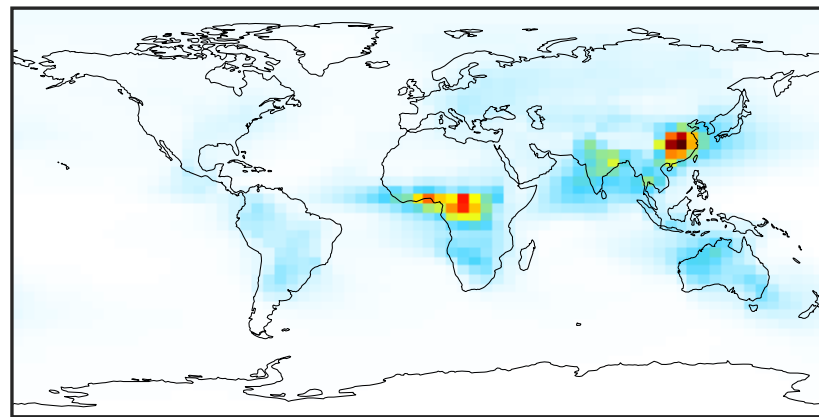
0.50 0.75 1.00 1.50 2.00
unitless

Column_AOD_OCPI (Jan2019)

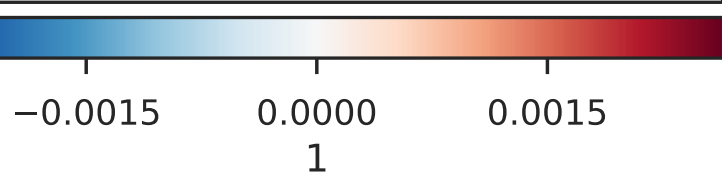
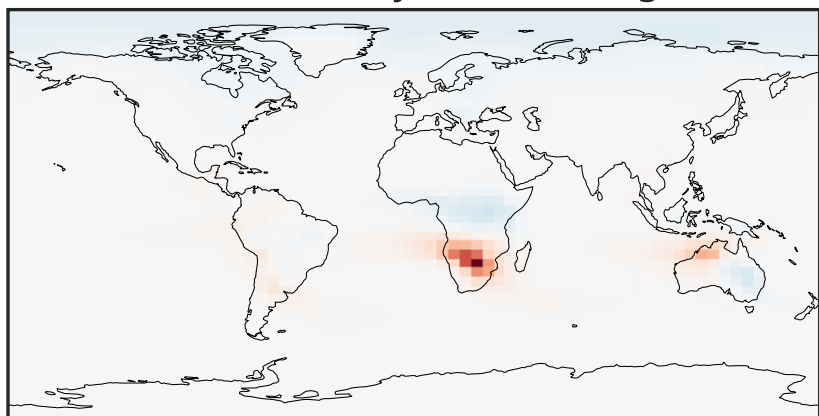
14.2.0-rc.2 (Ref)
4.0x5.0



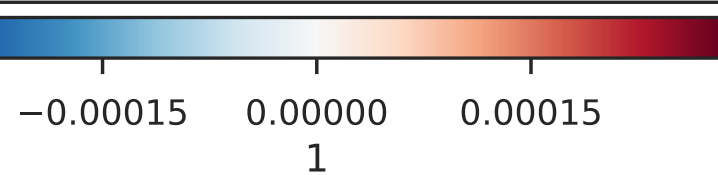
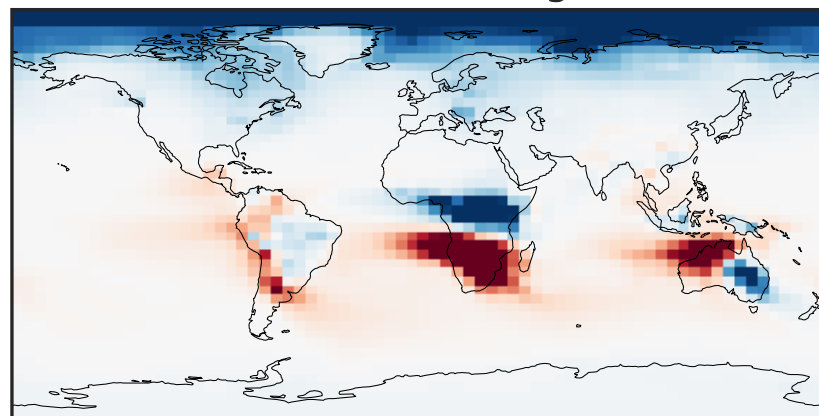
14.3.0-rc.0 (Dev)
4.0x5.0



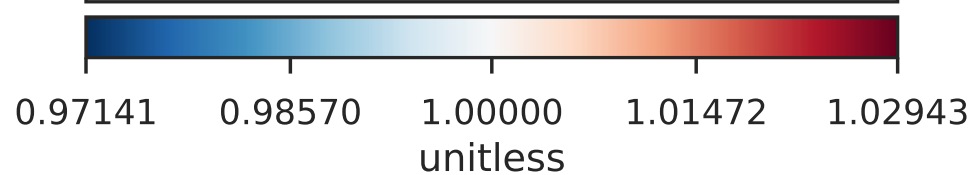
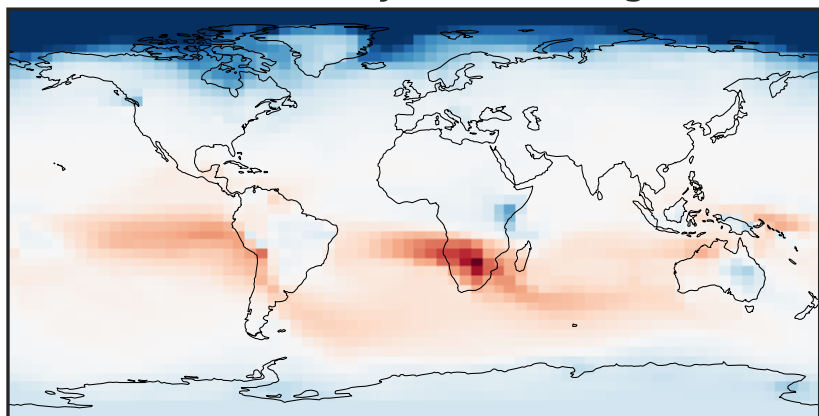
Difference
Dev - Ref, Dynamic Range



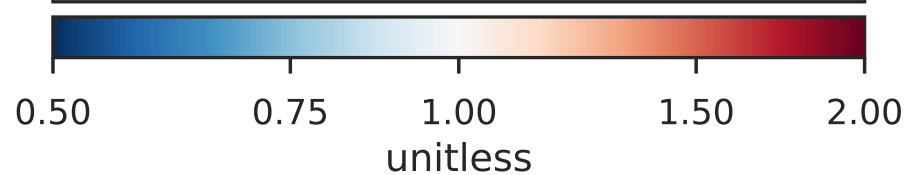
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

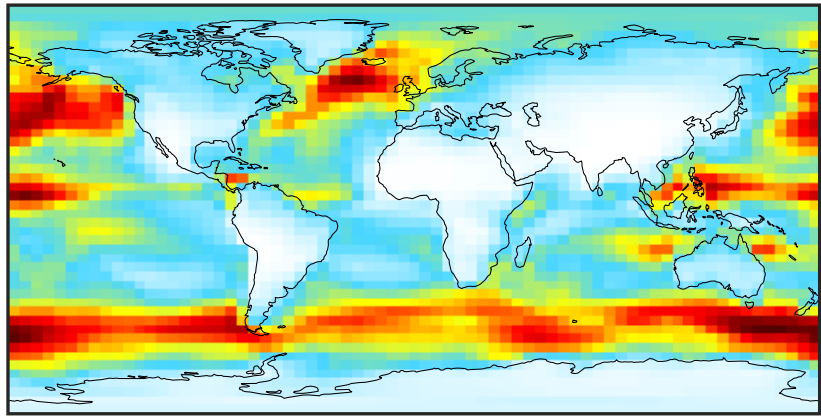


Ratio
Dev/Ref, Fixed Range



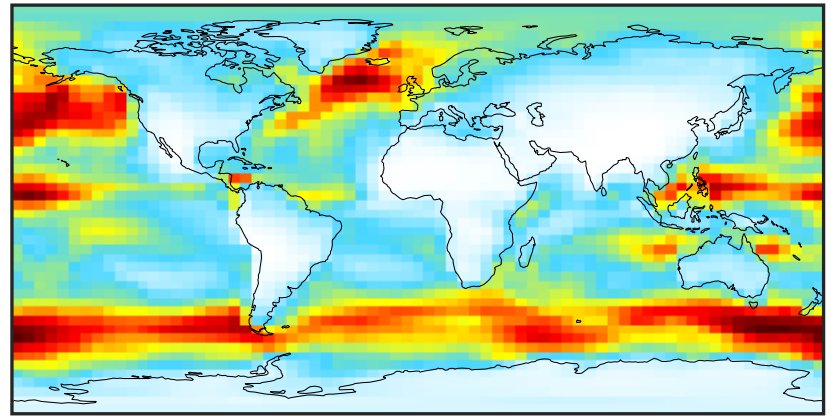
Column_AOD_SALA (Jan2019)

14.2.0-rc.2 (Ref)
4.0x5.0



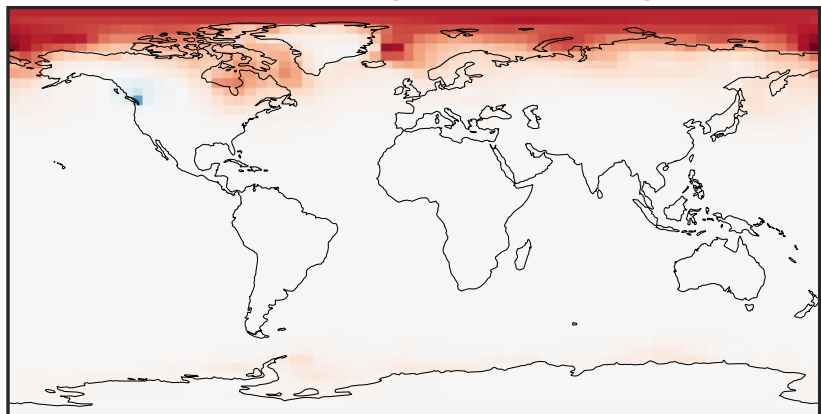
0.015 0.030 0.045
1

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



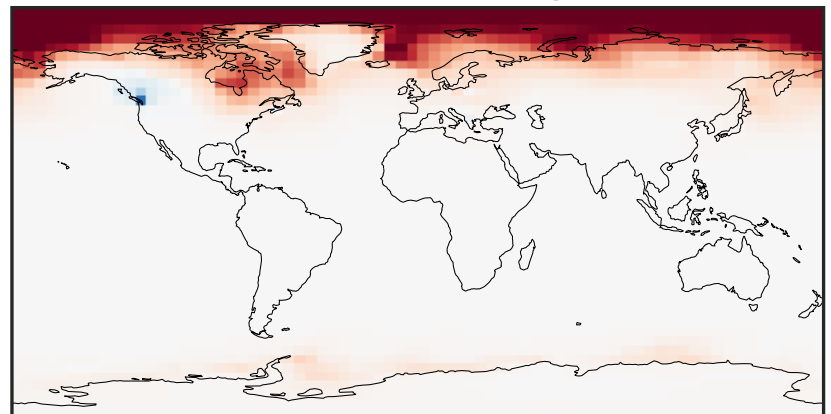
0.015 0.030 0.045
1

Difference
Dev - Ref, Dynamic Range



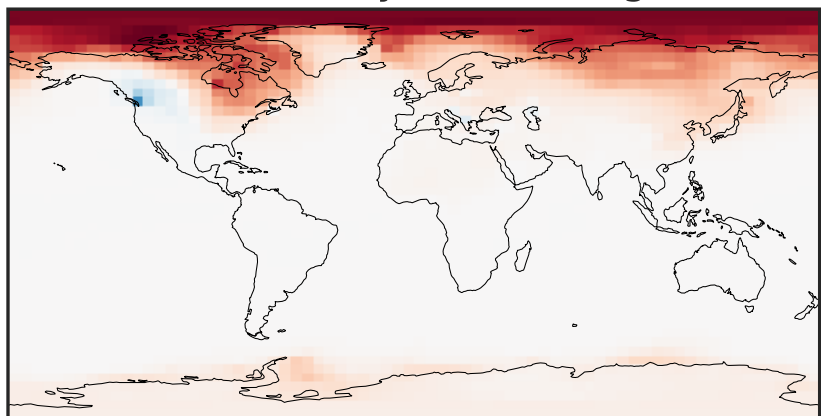
-0.0005 0.0000 0.0005
1

Difference
Dev - Ref, Restricted Range [5%,95%]



-0.0004 0.0000 0.0004
1

Ratio
Dev/Ref, Dynamic Range



0.9467 0.9734 1.0000 1.0281 1.0563
unitless

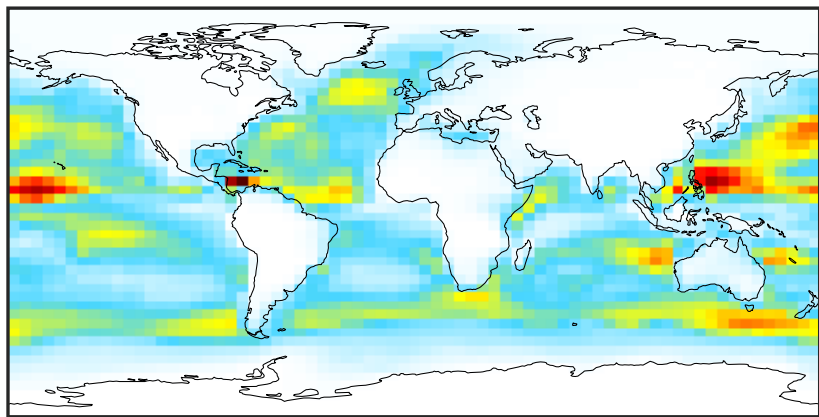
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

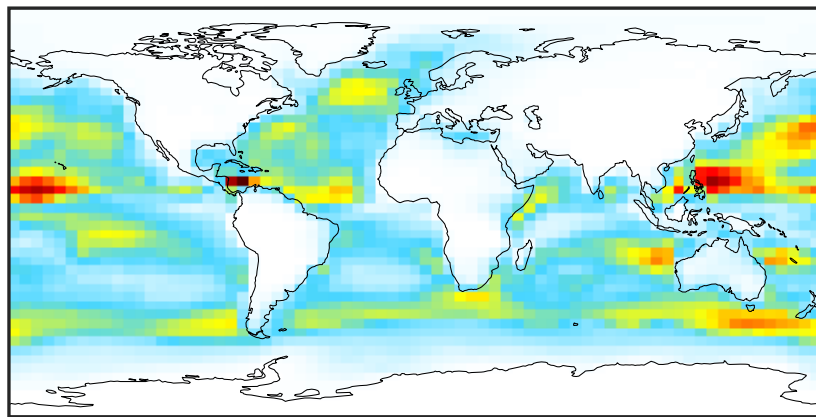
Column_AOD_SALC (Jan2019)

14.2.0-rc.2 (Ref)
4.0x5.0



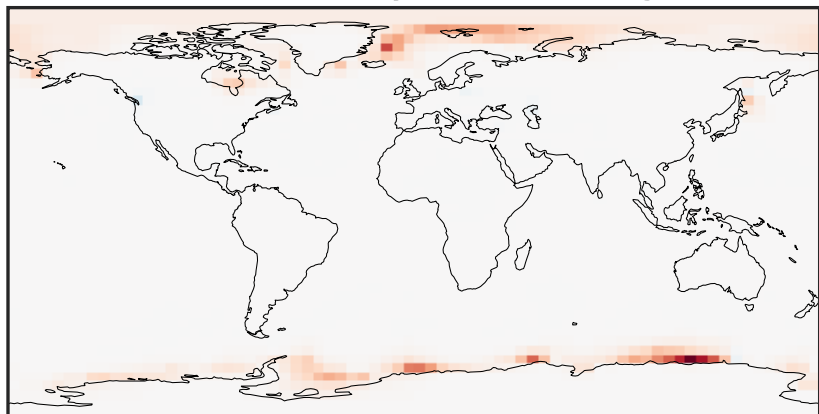
0.0000 0.0351 0.0702 0.1053 0.1404
1

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



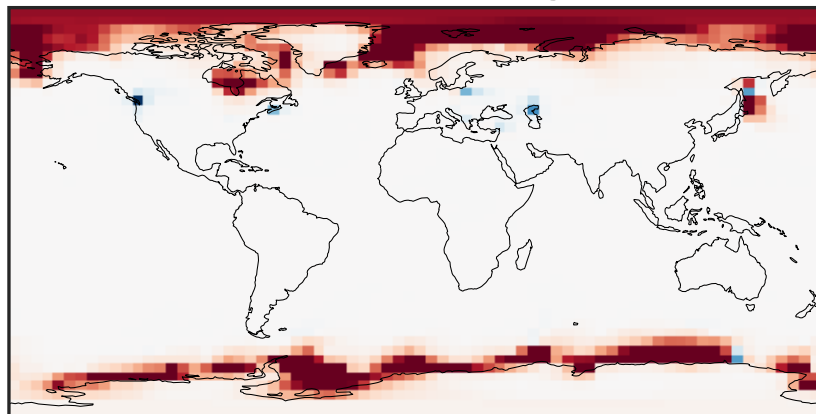
0.0000 0.0351 0.0702 0.1053 0.1404
1

Difference
Dev - Ref, Dynamic Range



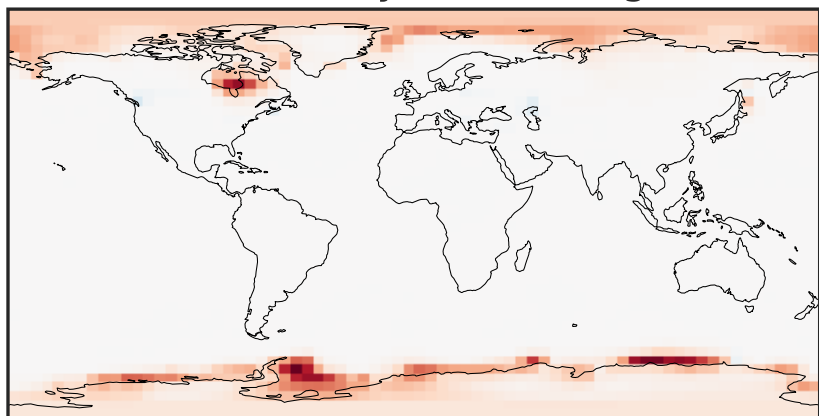
-0.001 0.000 0.001
1

Difference
Dev - Ref, Restricted Range [5%,95%]



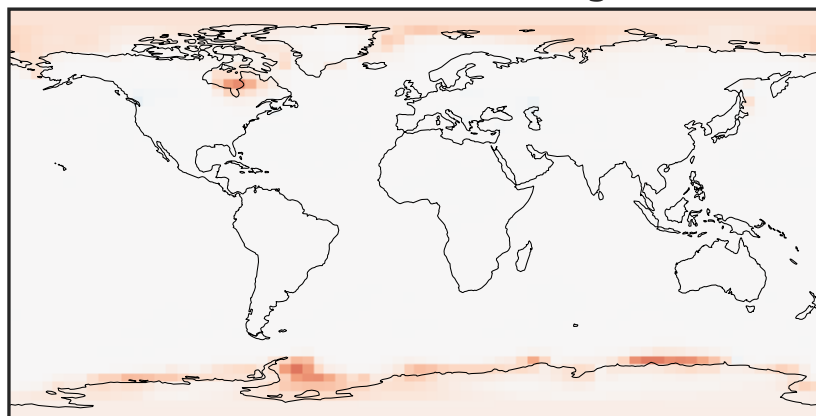
-0.0001 0.0000 0.0001
1

Ratio
Dev/Ref, Dynamic Range



0.6884 0.8442 1.0000 1.2263 1.4526
unitless

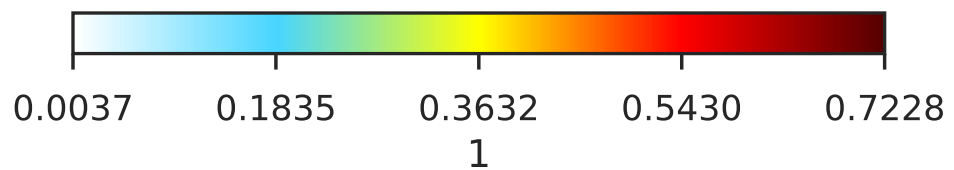
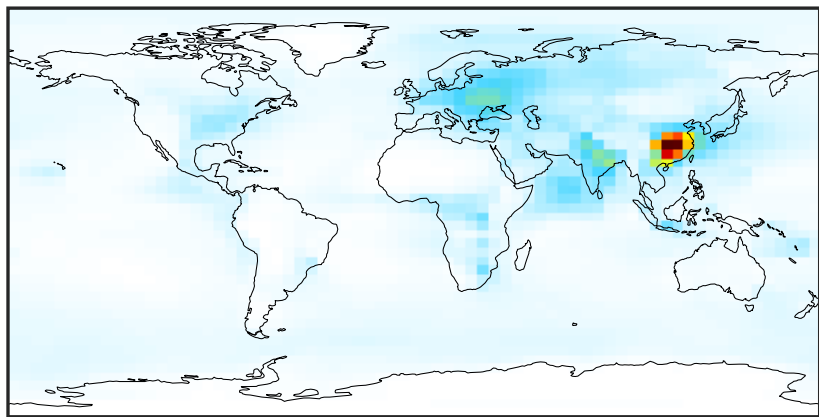
Ratio
Dev/Ref, Fixed Range



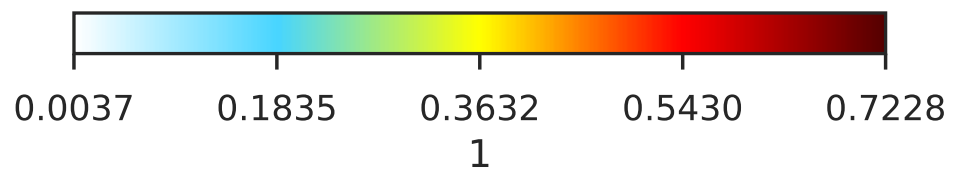
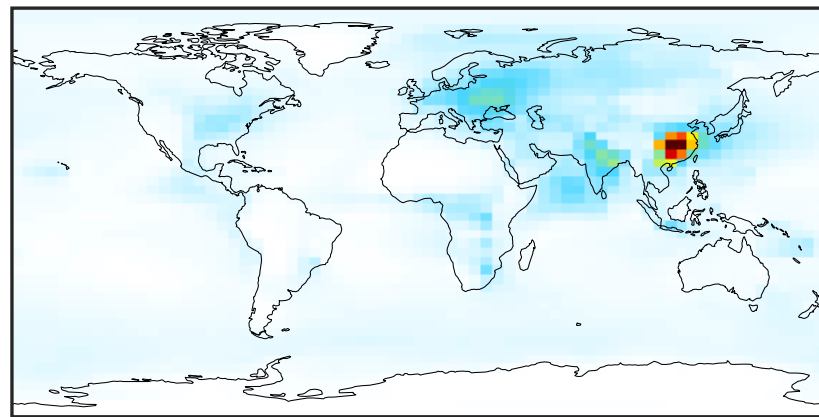
0.50 0.75 1.00 1.50 2.00
unitless

Column_AOD_SO4 (Jan2019)

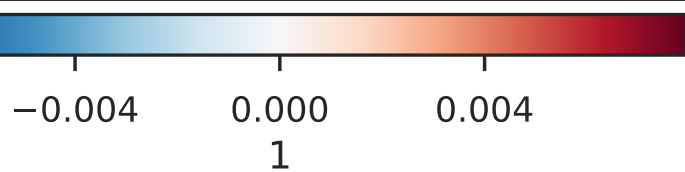
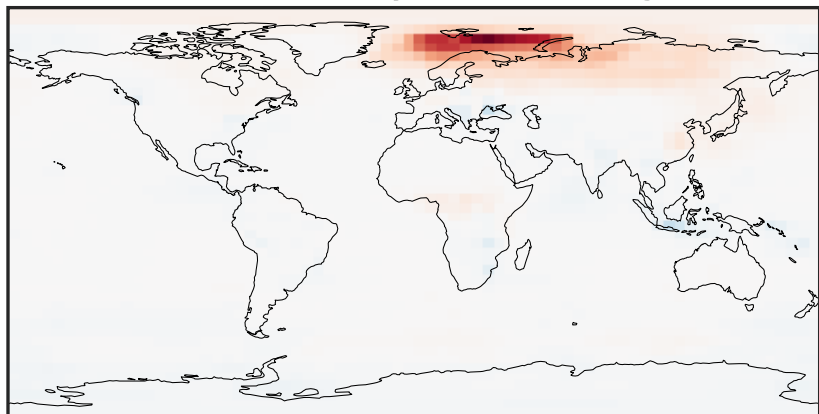
14.2.0-rc.2 (Ref)
4.0x5.0



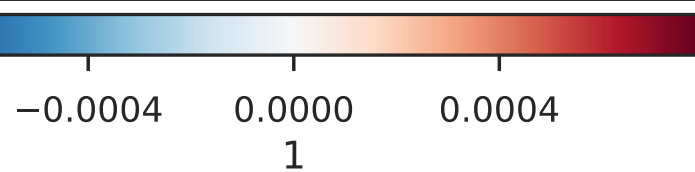
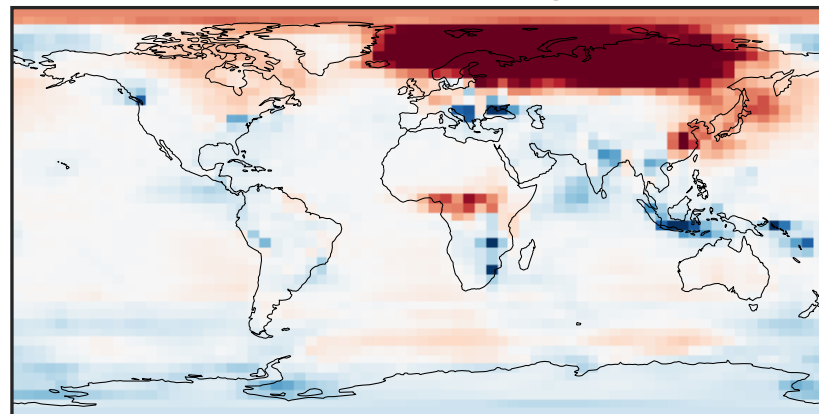
14.3.0-rc.0 (Dev)
4.0x5.0



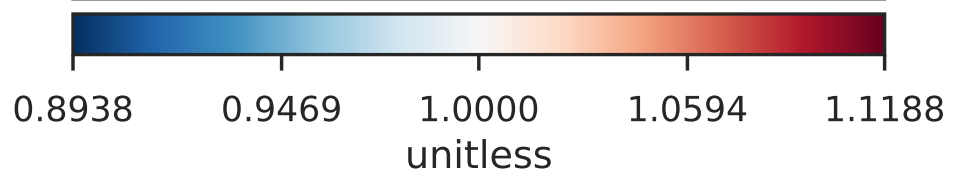
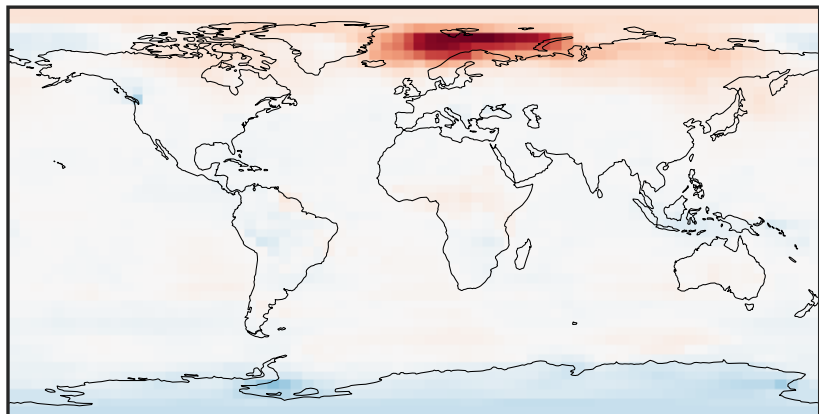
Difference
Dev - Ref, Dynamic Range



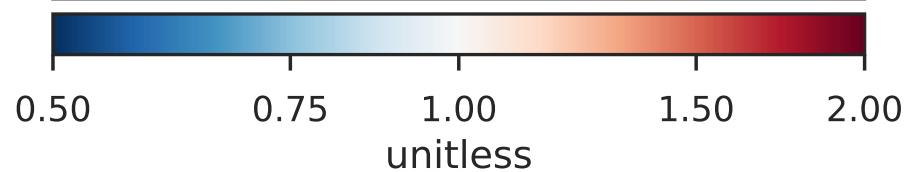
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

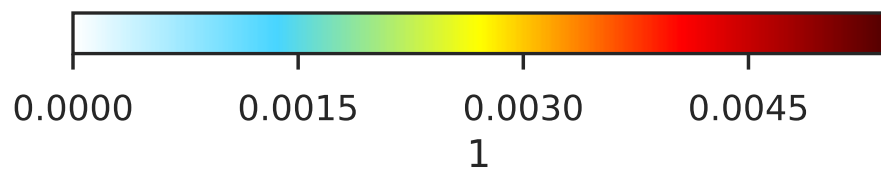
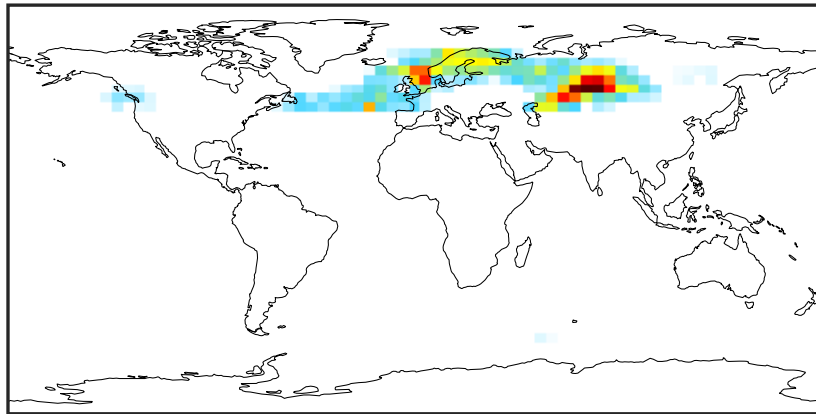


Ratio
Dev/Ref, Fixed Range

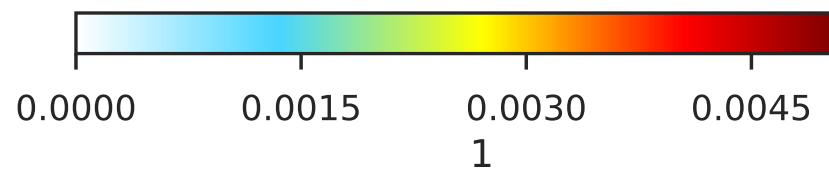
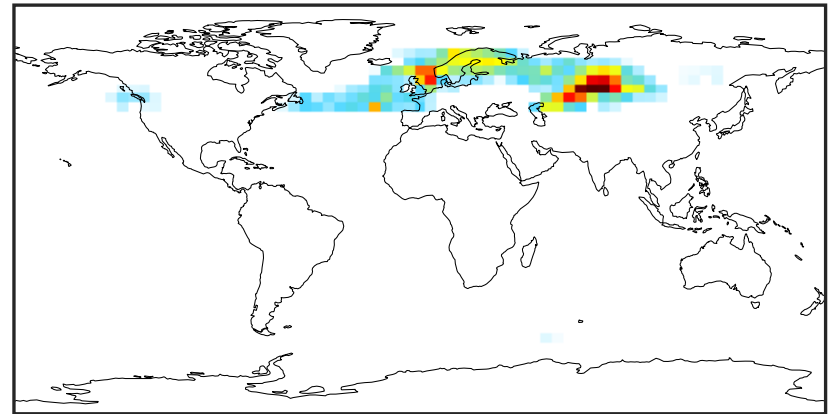


Column_AOD_Polar_Strat_Cloud (Jan2019)

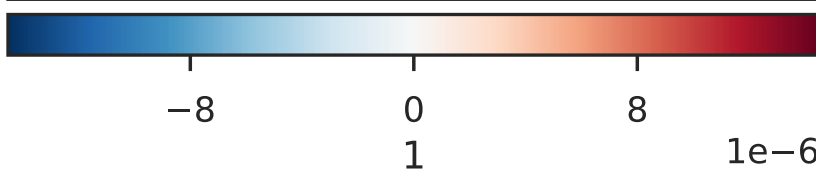
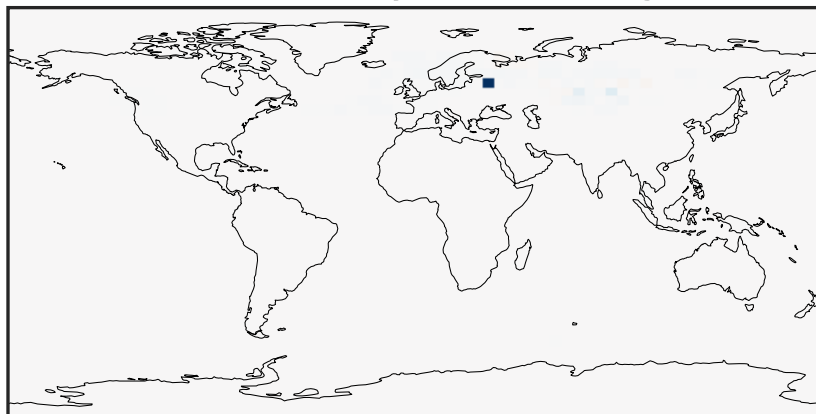
14.2.0-rc.2 (Ref)
4.0x5.0



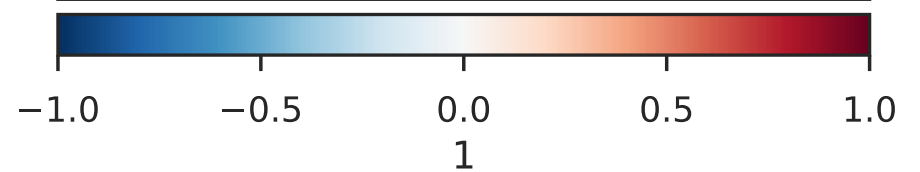
14.3.0-rc.0 (Dev)
4.0x5.0



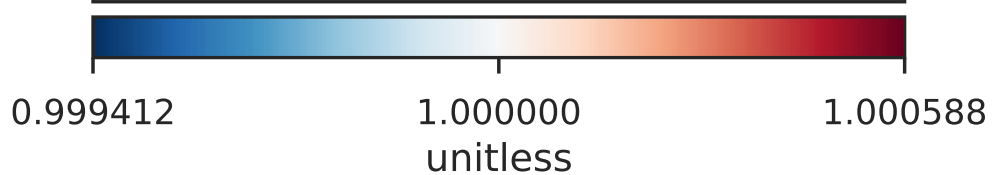
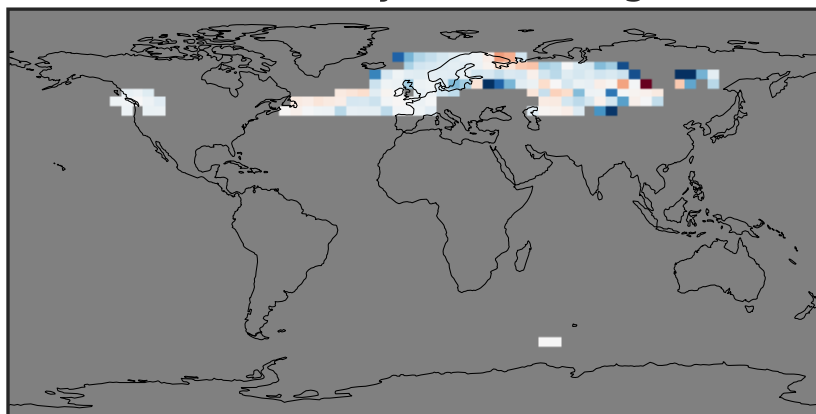
Difference
Dev - Ref, Dynamic Range



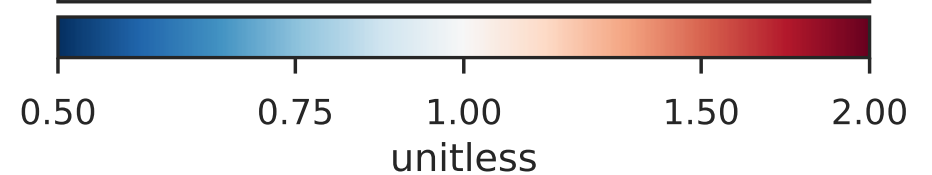
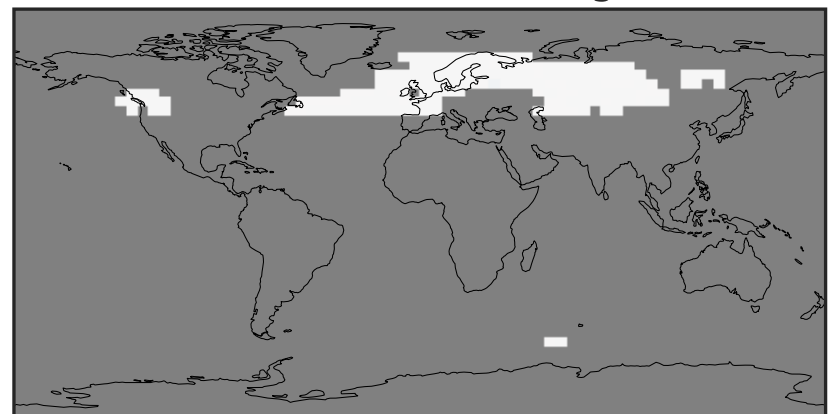
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

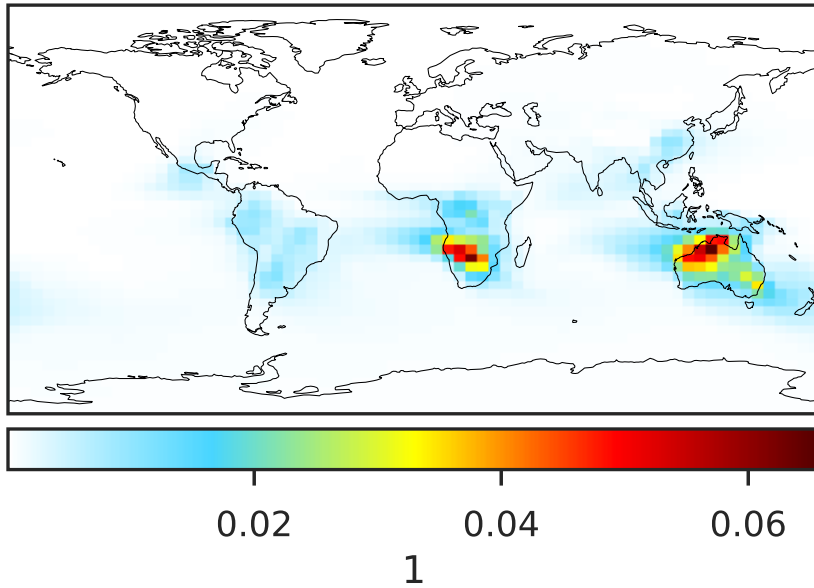


Ratio
Dev/Ref, Fixed Range

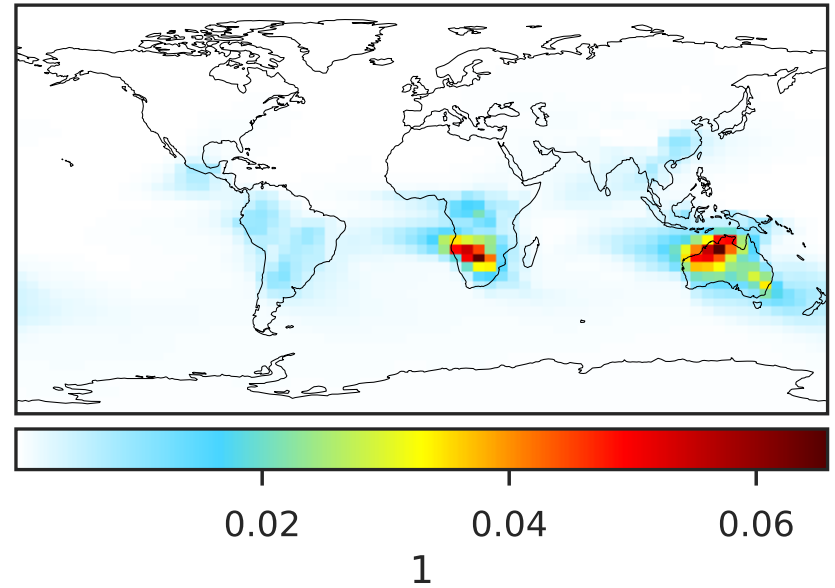


Column_AOD_SOA_from_Aqueous_ISOP (Jan2019)

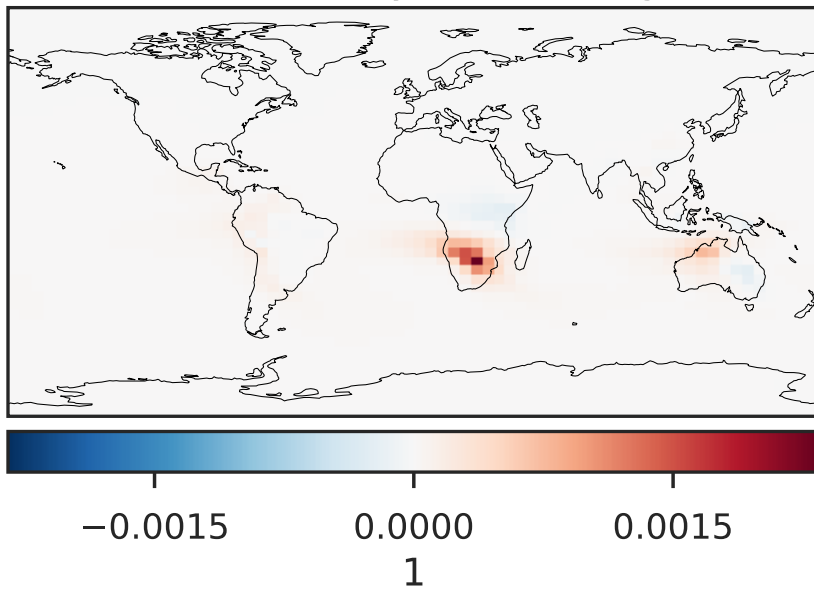
14.2.0-rc.2 (Ref)
4.0x5.0



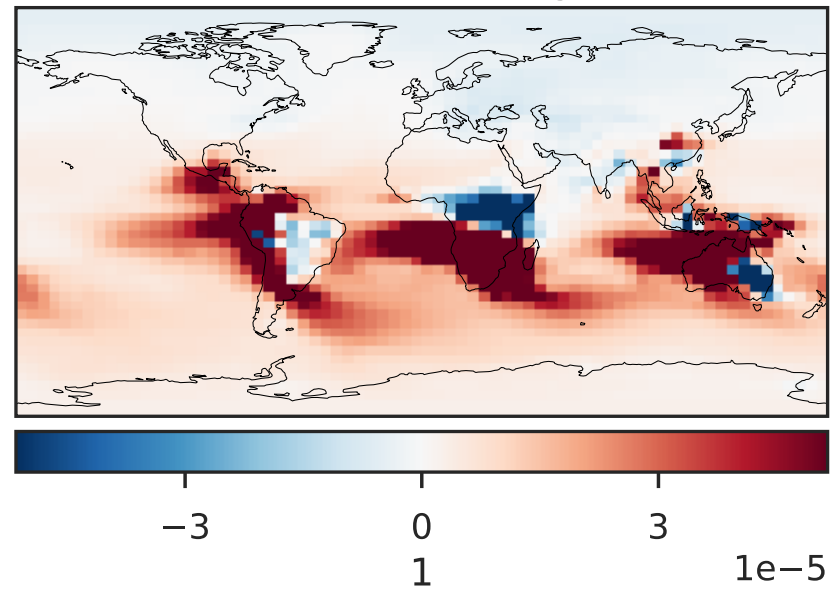
14.3.0-rc.0 (Dev)
4.0x5.0



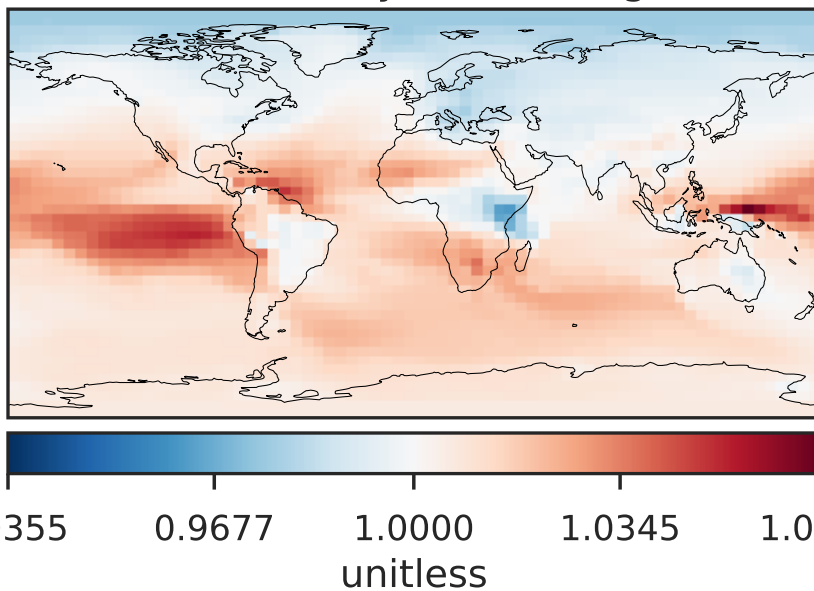
Difference
Dev - Ref, Dynamic Range



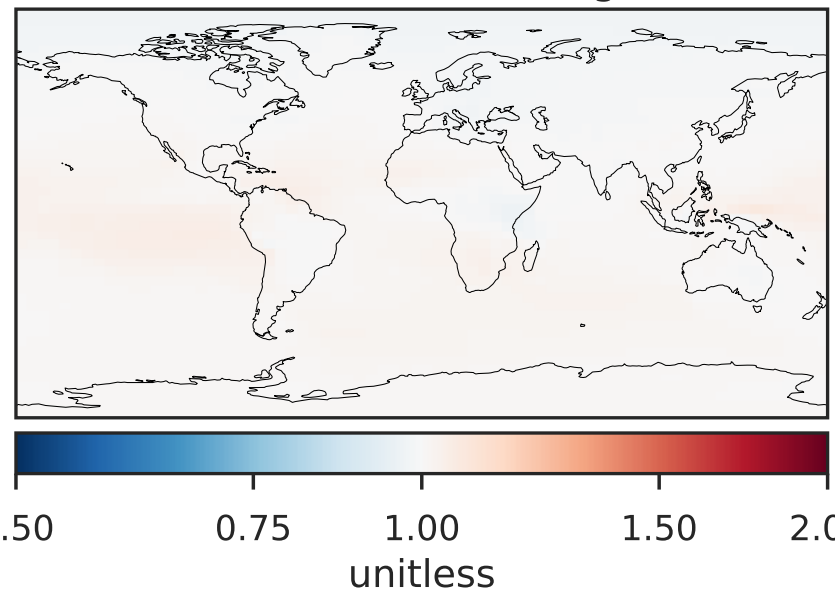
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

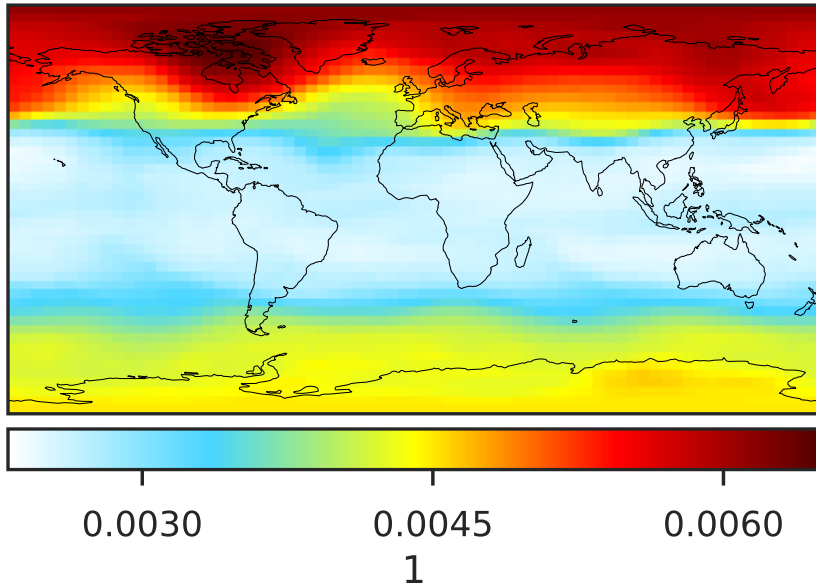


Ratio
Dev/Ref, Fixed Range

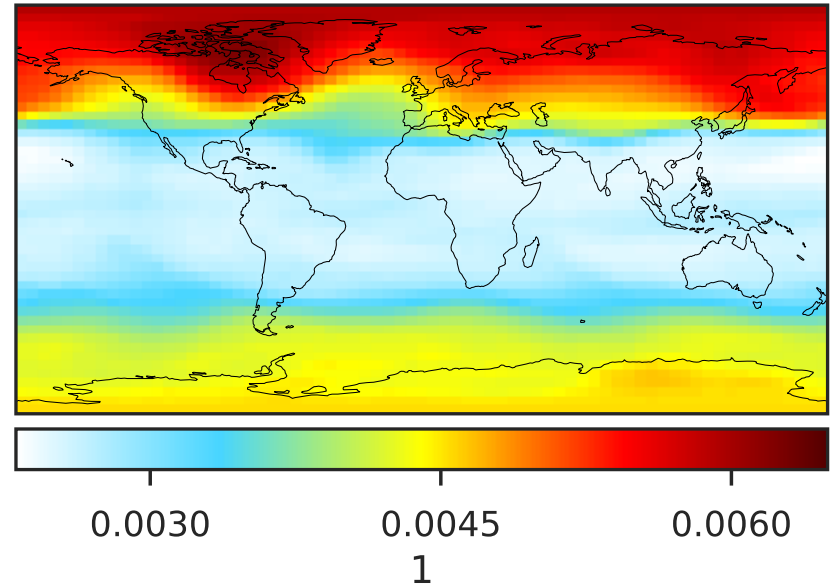


Column_AOD_Strat_Liquid_Aerosol (Jan2019)

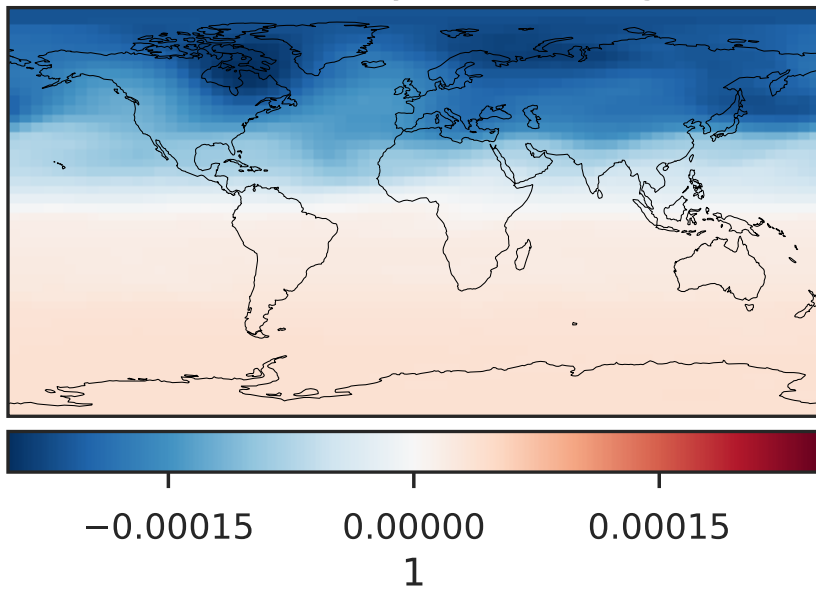
14.2.0-rc.2 (Ref)
4.0x5.0



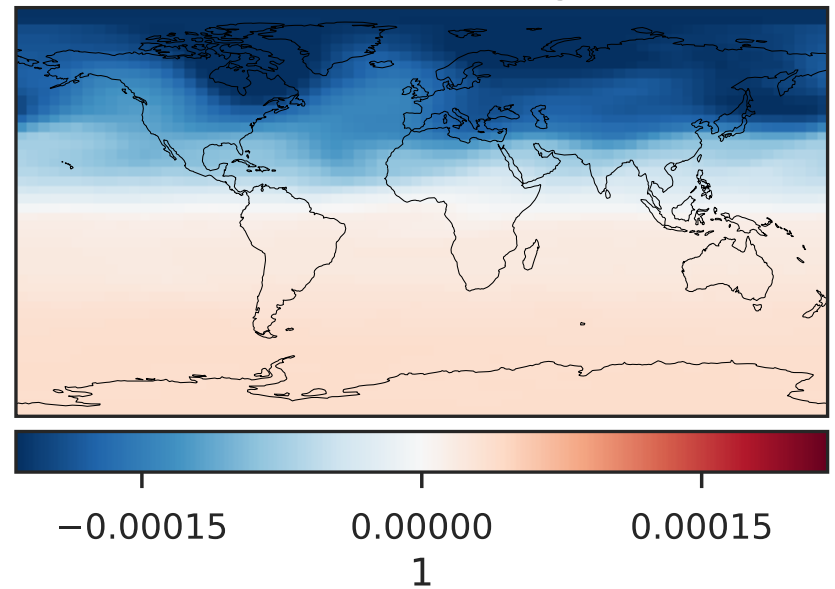
14.3.0-rc.0 (Dev)
4.0x5.0



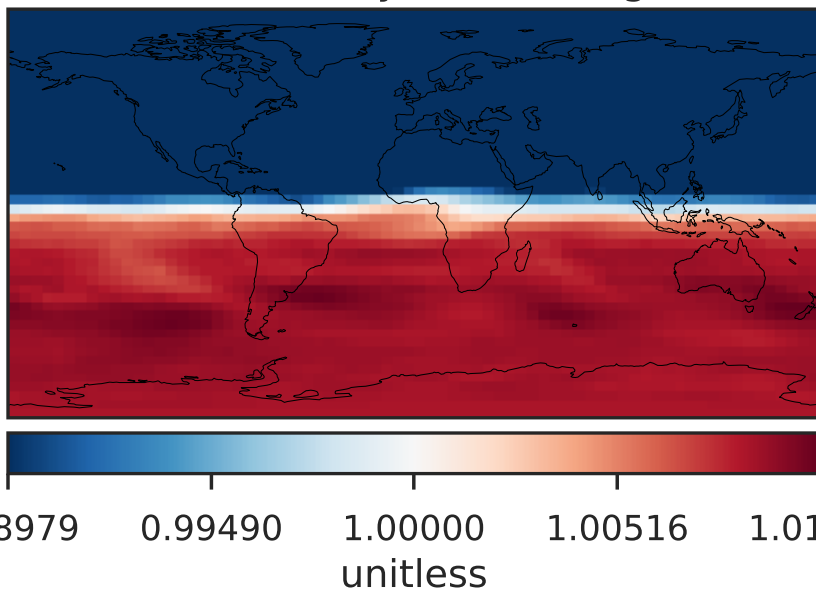
Difference
Dev - Ref, Dynamic Range



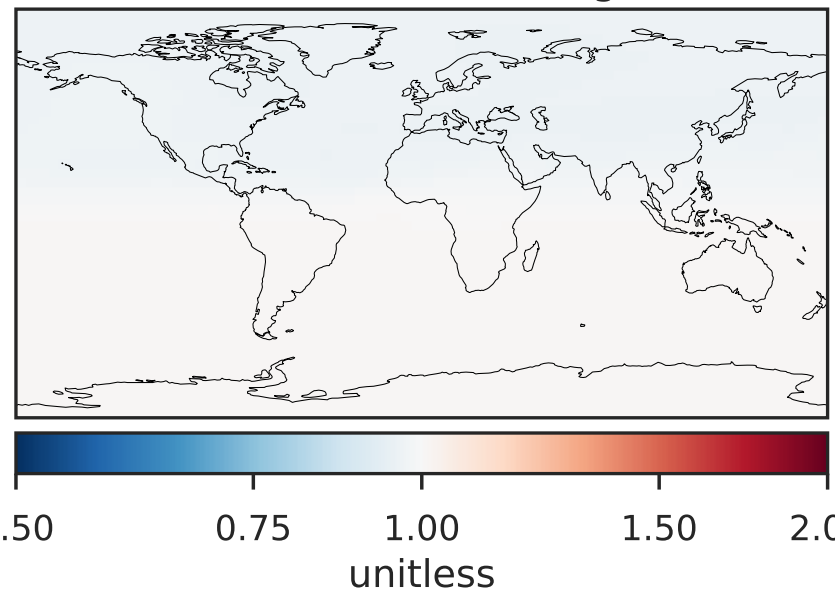
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

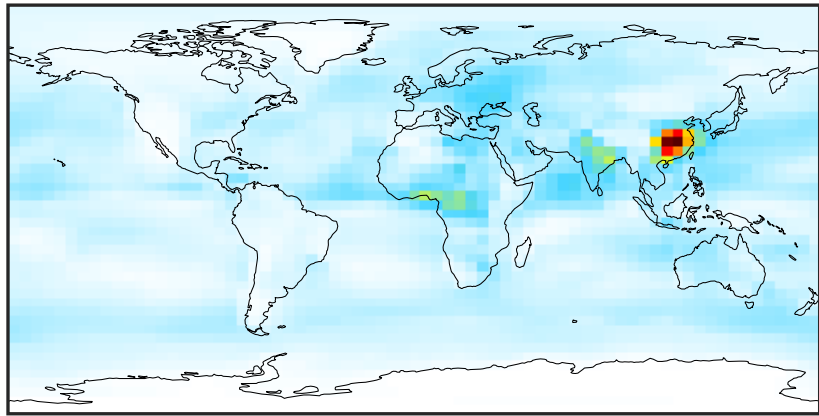


Ratio
Dev/Ref, Fixed Range



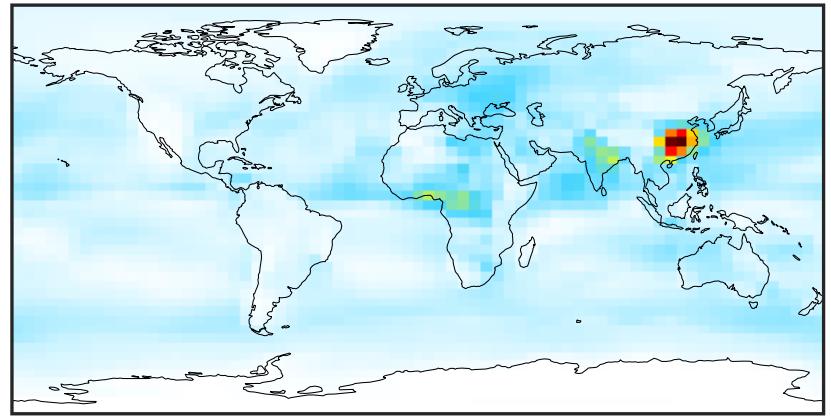
Column_AOD_Total (Jan2019)

14.2.0-rc.2 (Ref)
4.0x5.0



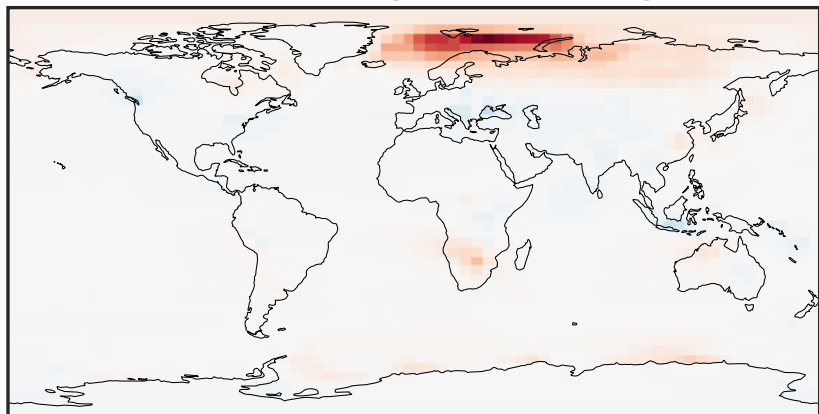
0.012 0.295 0.579 0.862 1.145
1

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



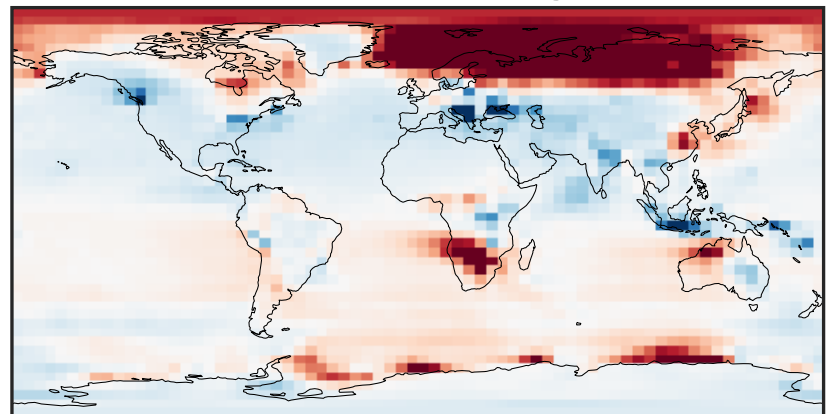
0.012 0.295 0.579 0.862 1.145
1

Difference
Dev - Ref, Dynamic Range



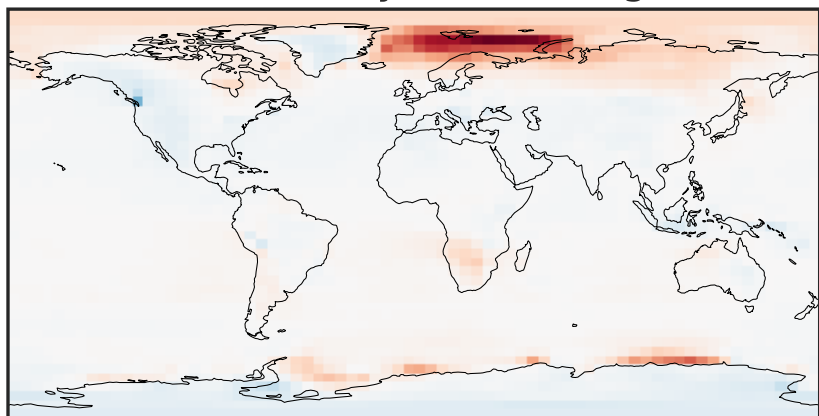
-0.005 0.000 0.005
1

Difference
Dev - Ref, Restricted Range [5%,95%]



-0.0005 0.0000 0.0005
1

Ratio
Dev/Ref, Dynamic Range



0.9354 0.9677 1.0000 1.0345 1.0691
unitless

Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless