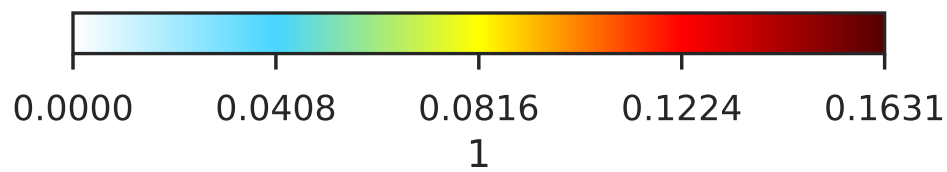
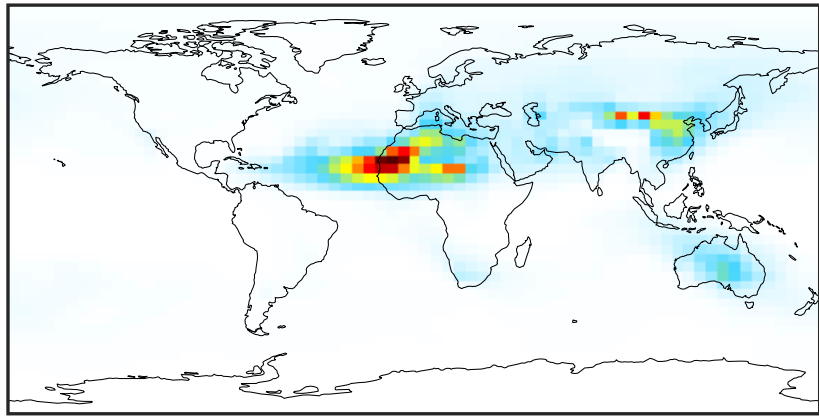
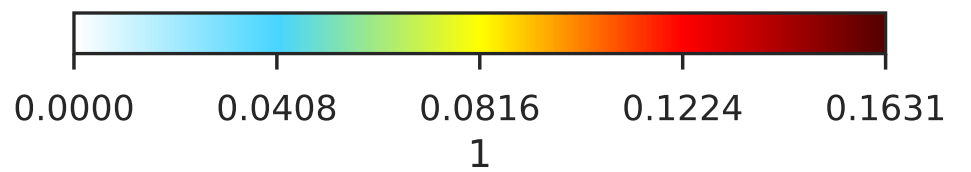
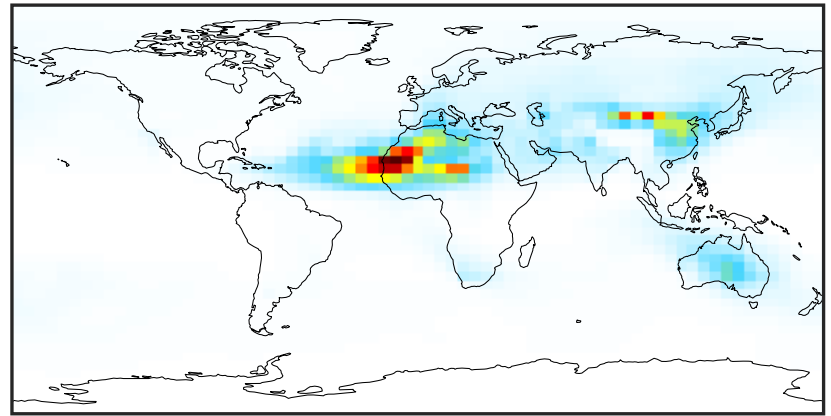


Column_AOD_Dust (Oct2019)

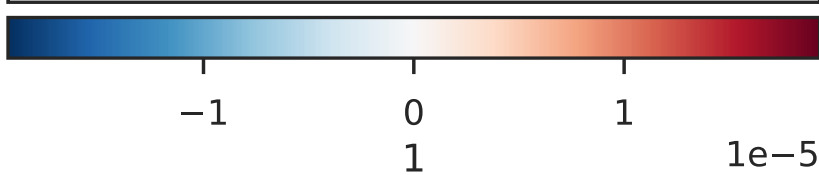
14.2.0-rc.2 (Ref)
4.0x5.0



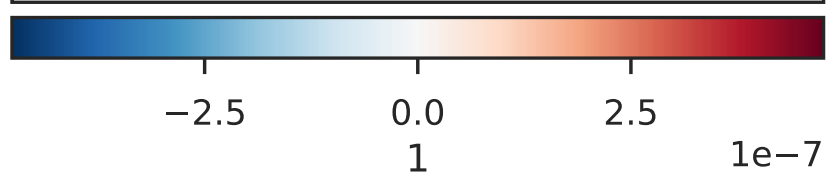
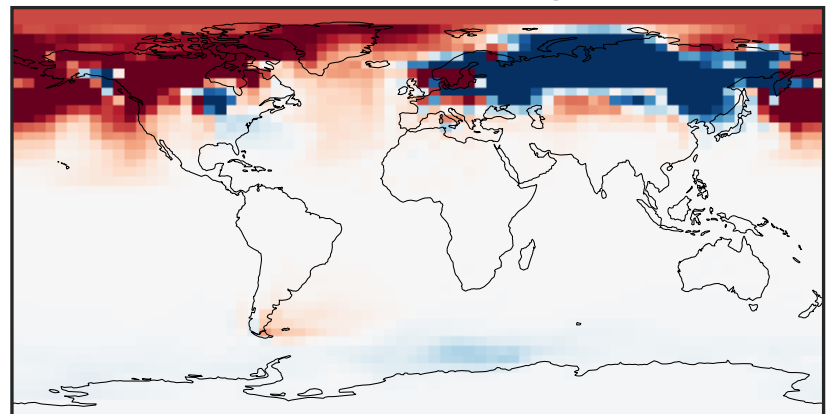
14.3.0-rc.0 (Dev)
4.0x5.0



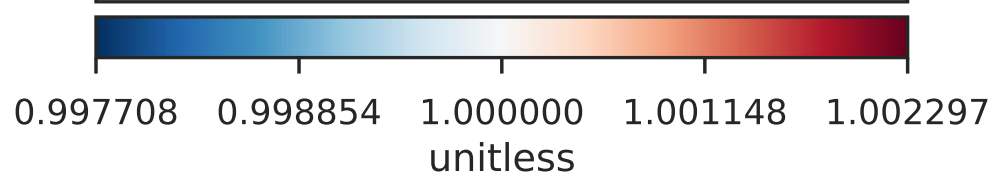
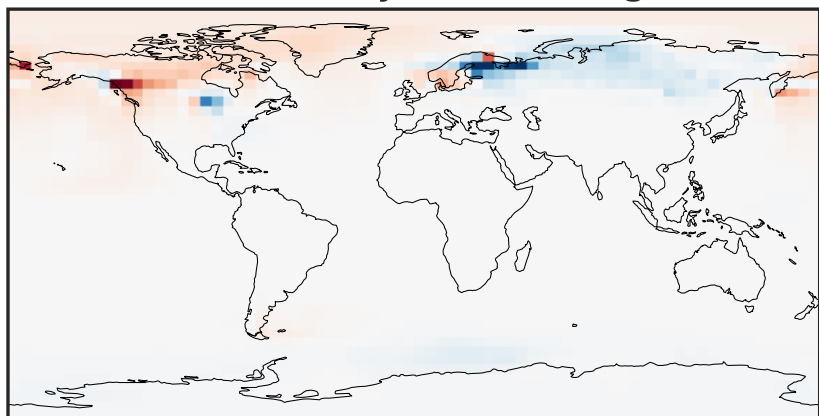
Difference
Dev - Ref, Dynamic Range



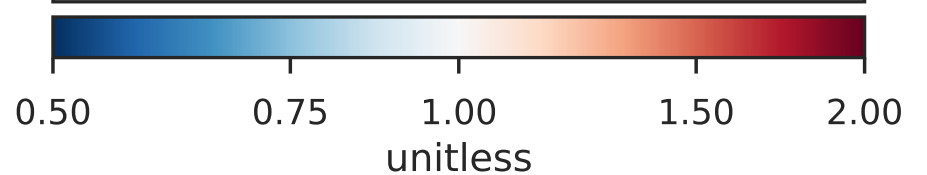
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

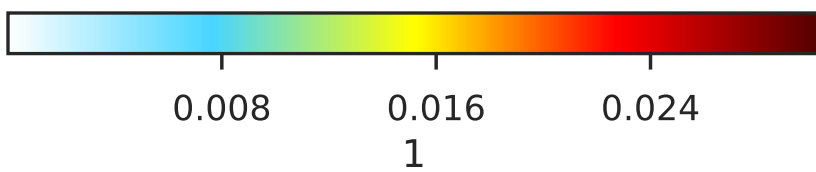
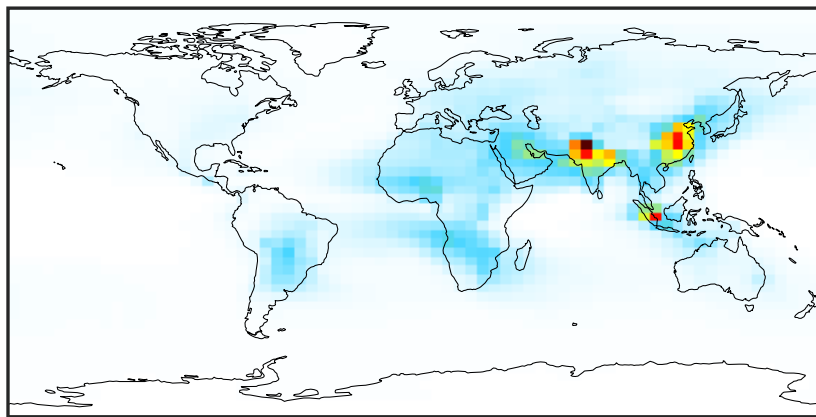


Ratio
Dev/Ref, Fixed Range

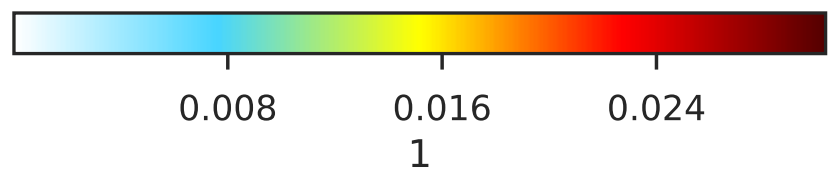
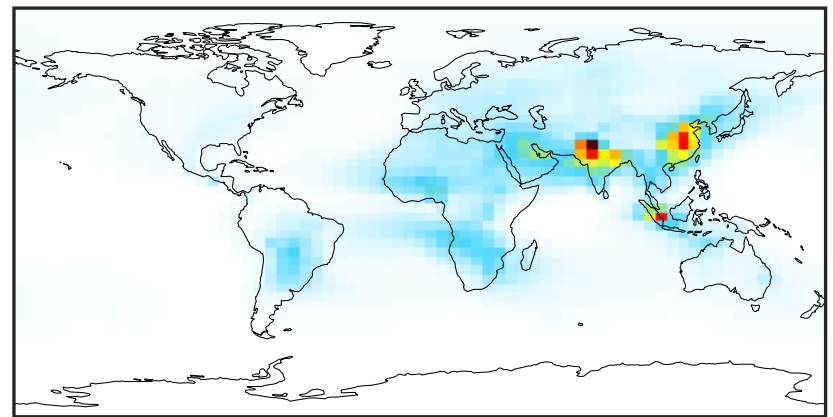


Column_AOD_BCPI (Oct2019)

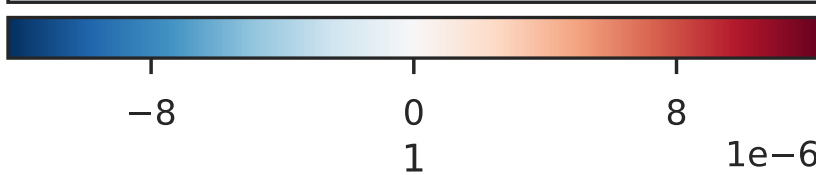
14.2.0-rc.2 (Ref)
4.0x5.0



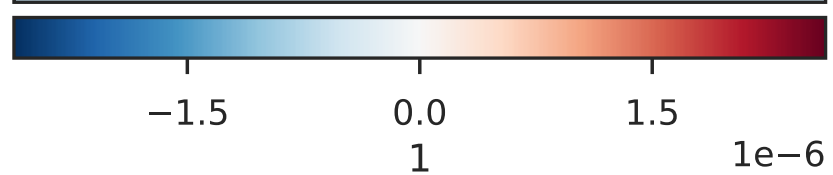
14.3.0-rc.0 (Dev)
4.0x5.0



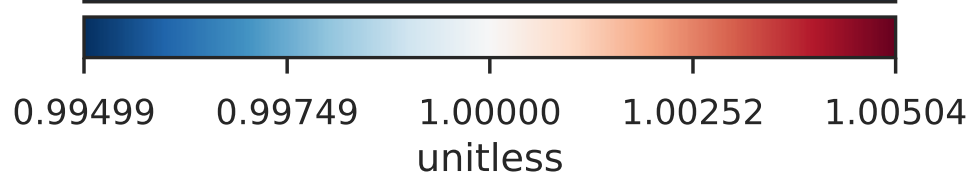
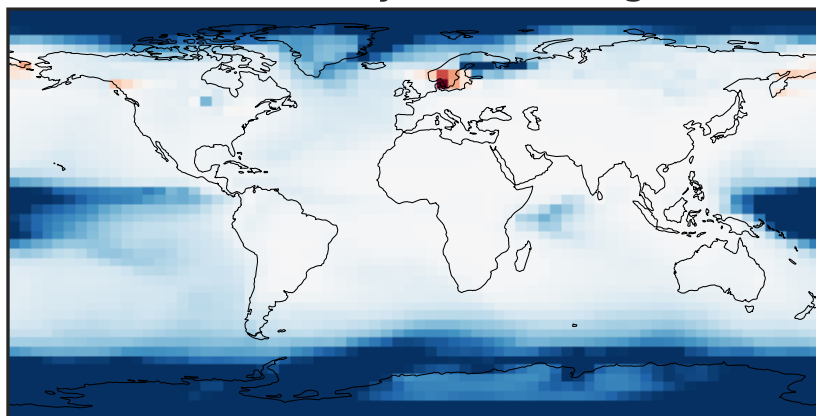
Difference
Dev - Ref, Dynamic Range



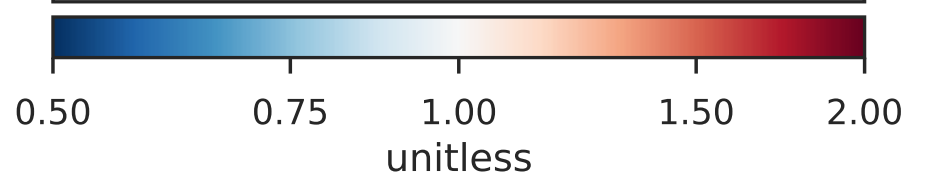
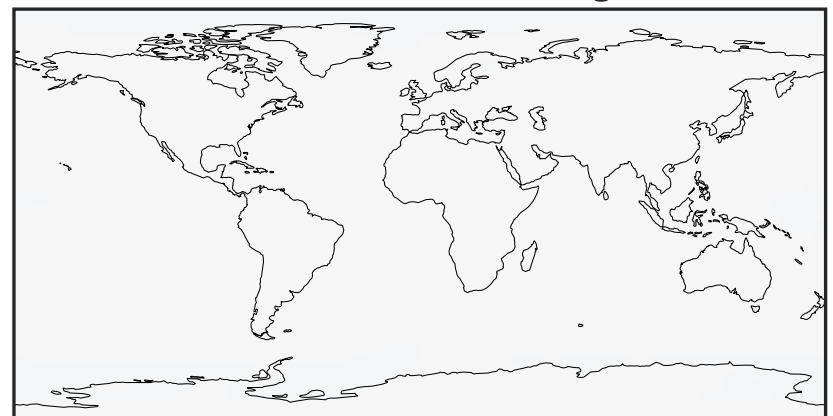
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

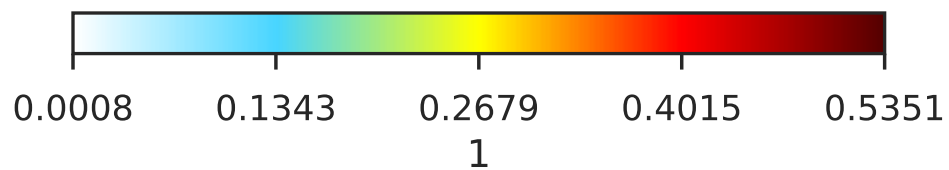
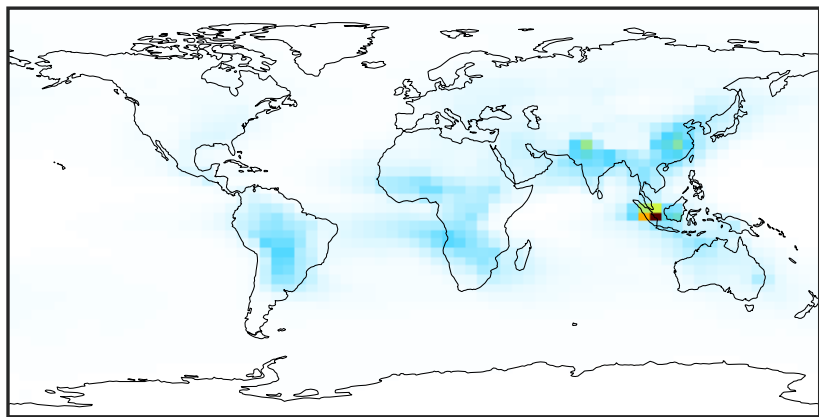


Ratio
Dev/Ref, Fixed Range

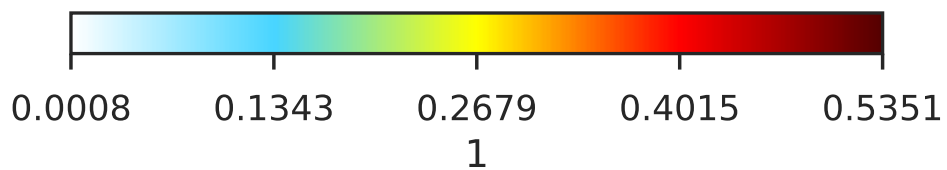
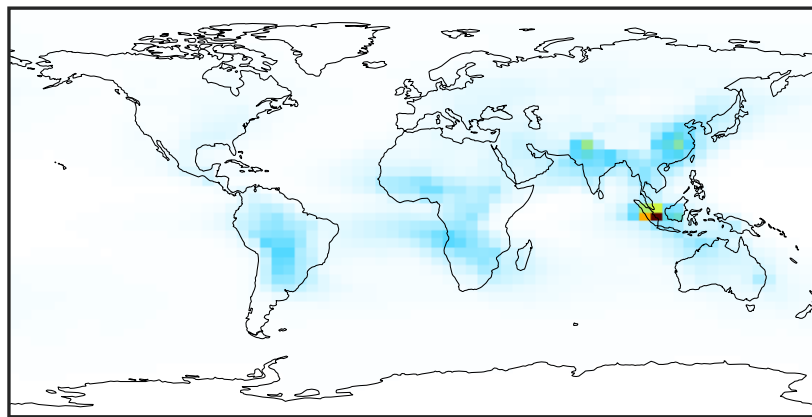


Column_AOD_OCPI (Oct2019)

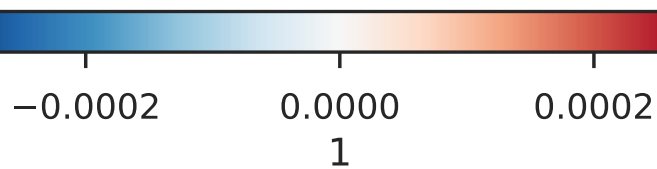
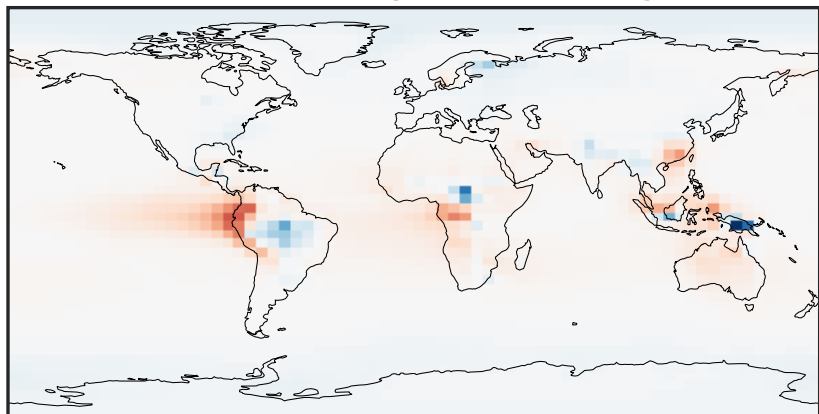
14.2.0-rc.2 (Ref)
4.0x5.0



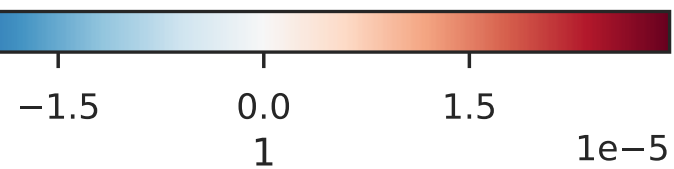
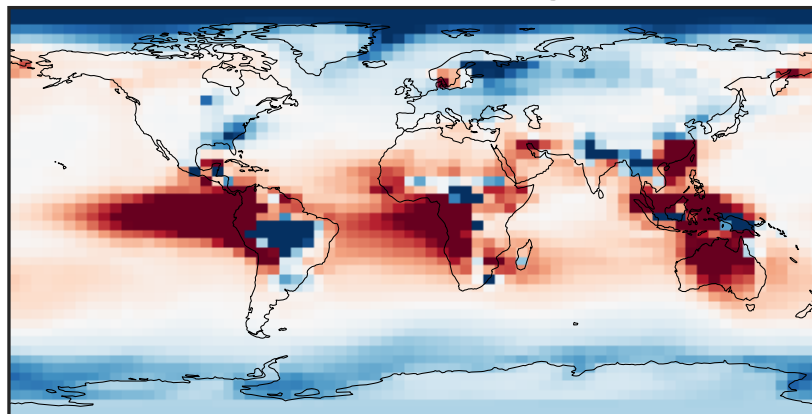
14.3.0-rc.0 (Dev)
4.0x5.0



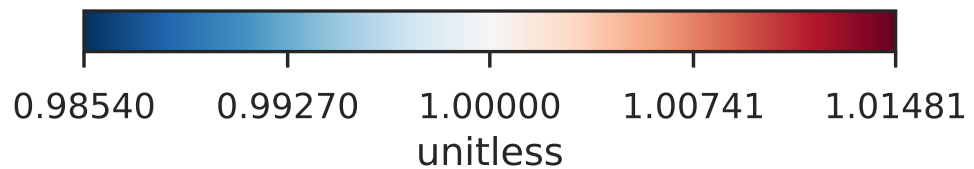
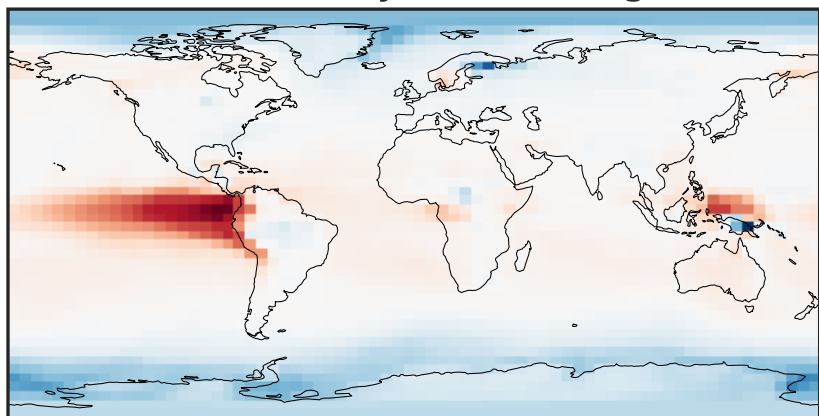
Difference
Dev - Ref, Dynamic Range



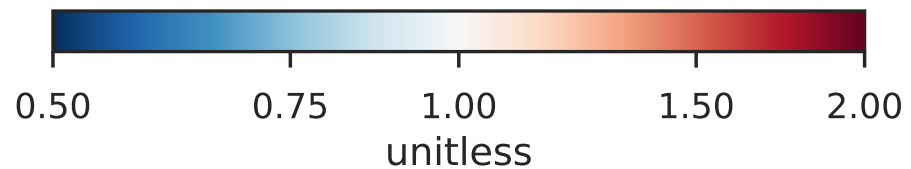
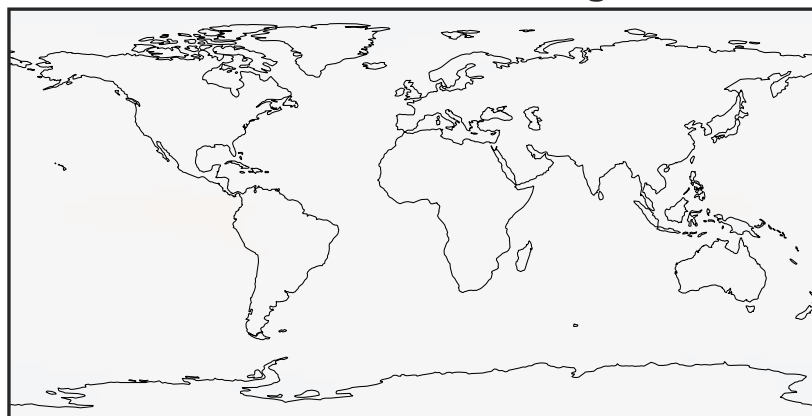
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

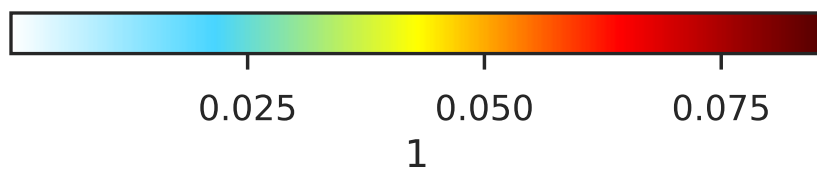
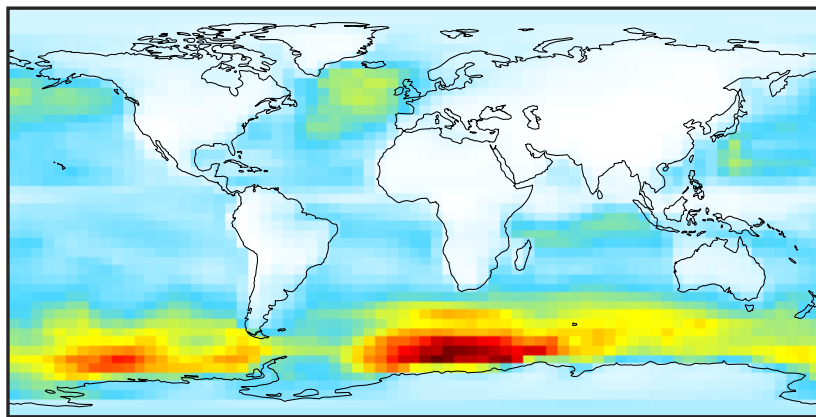


Ratio
Dev/Ref, Fixed Range

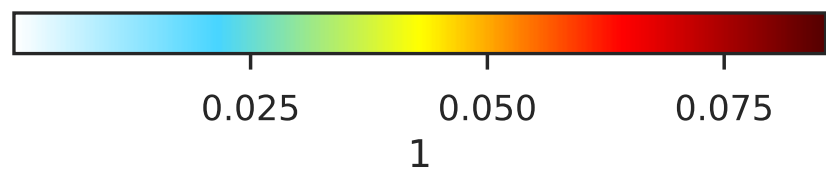
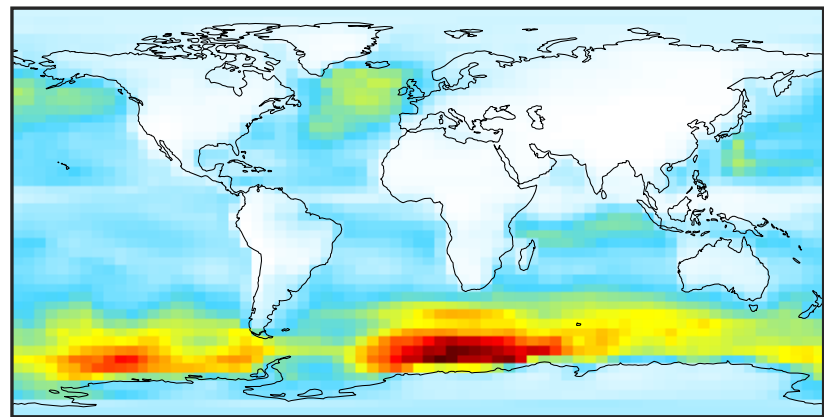


Column_AOD_SALA (Oct2019)

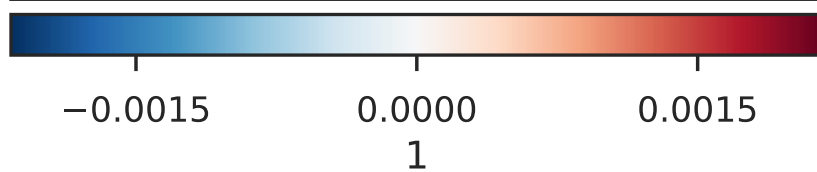
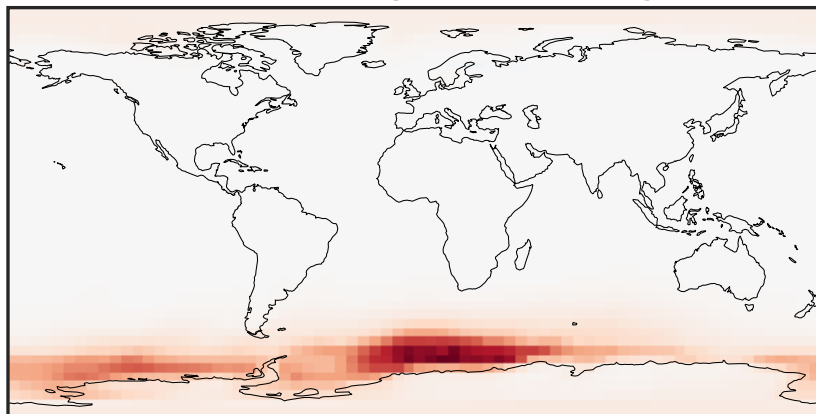
14.2.0-rc.2 (Ref)
4.0x5.0



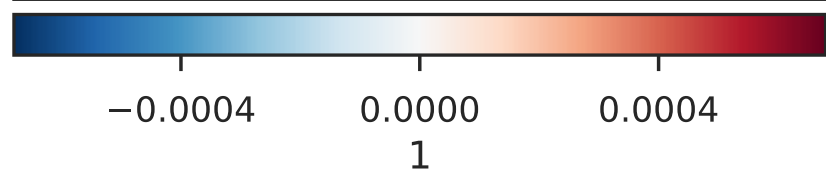
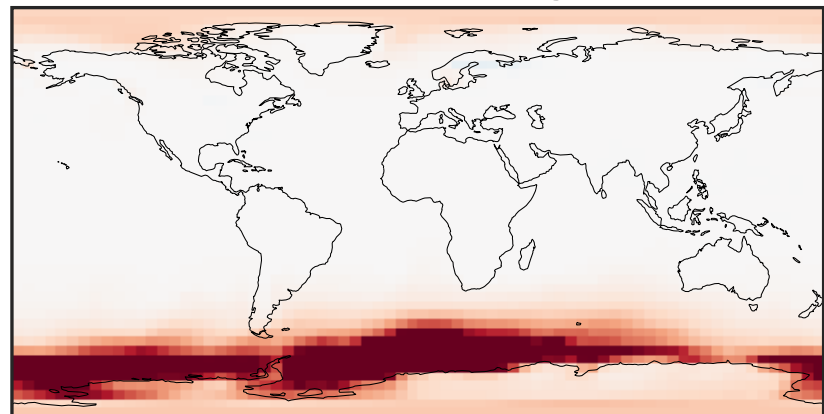
14.3.0-rc.0 (Dev)
4.0x5.0



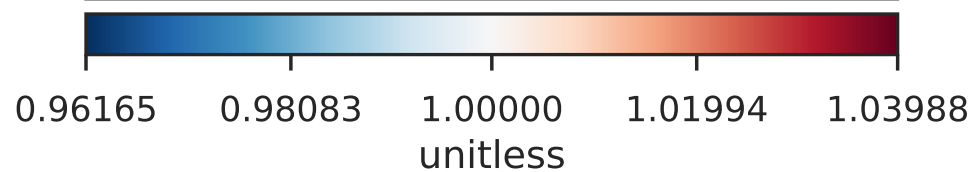
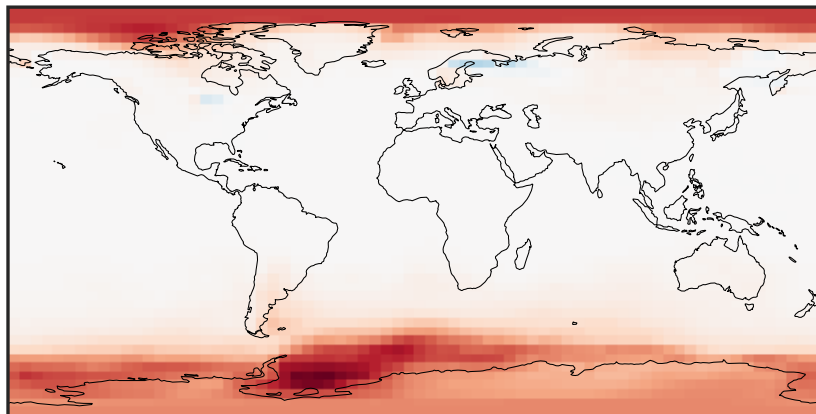
Difference
Dev - Ref, Dynamic Range



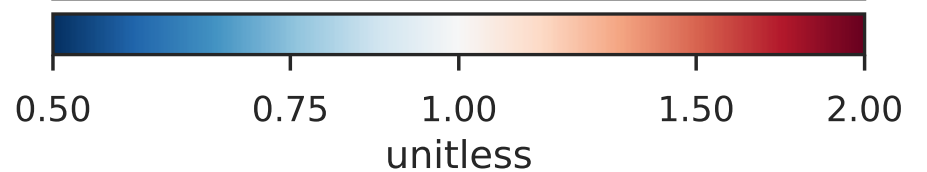
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

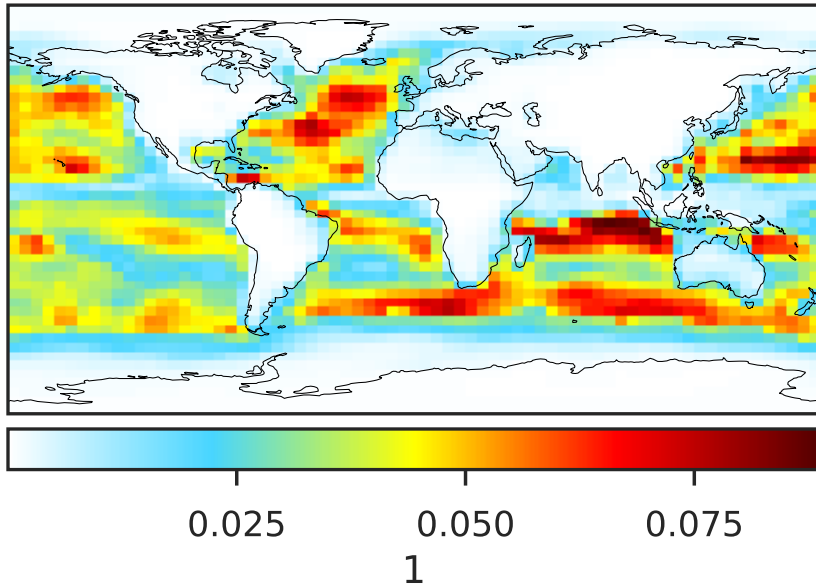


Ratio
Dev/Ref, Fixed Range

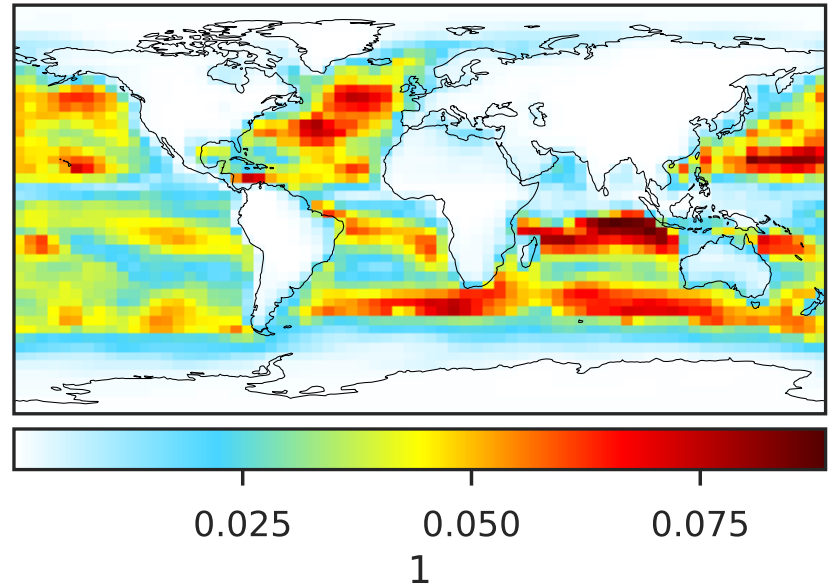


Column_AOD_SALC (Oct2019)

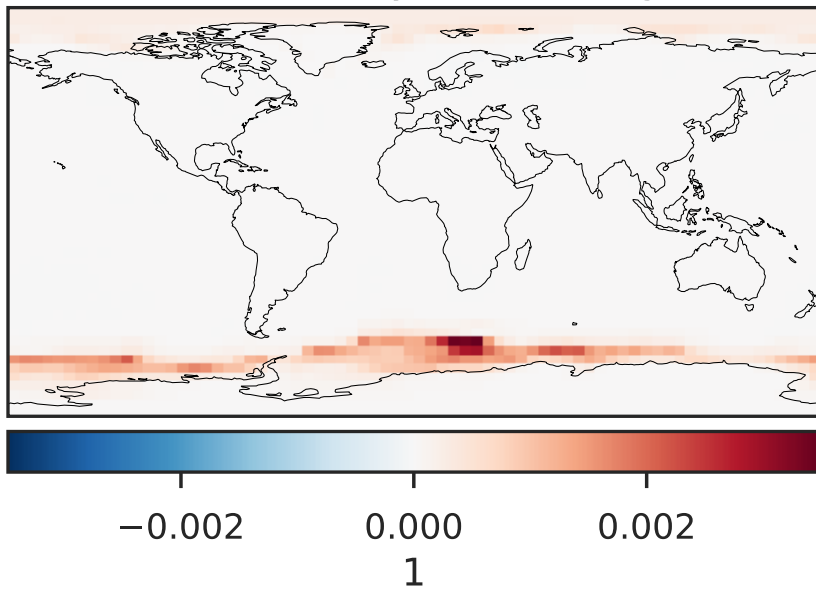
14.2.0-rc.2 (Ref)
4.0x5.0



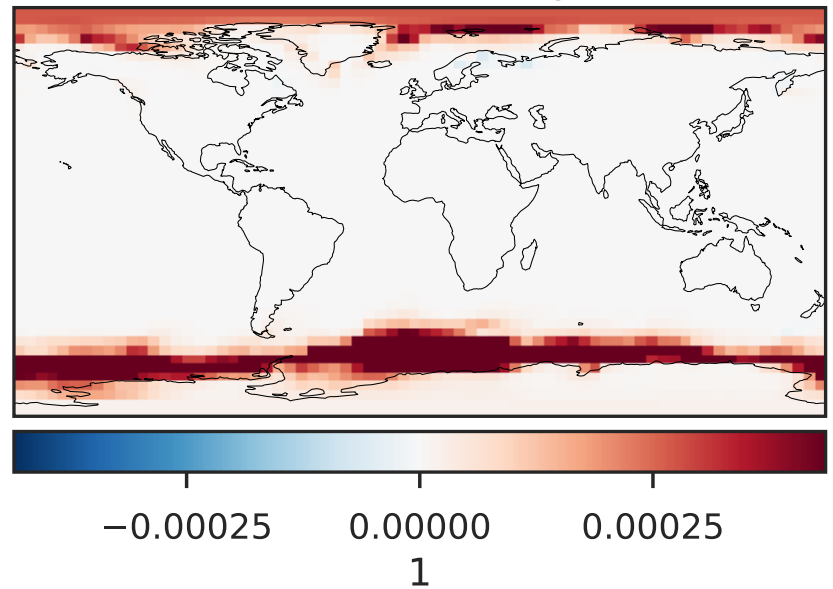
14.3.0-rc.0 (Dev)
4.0x5.0



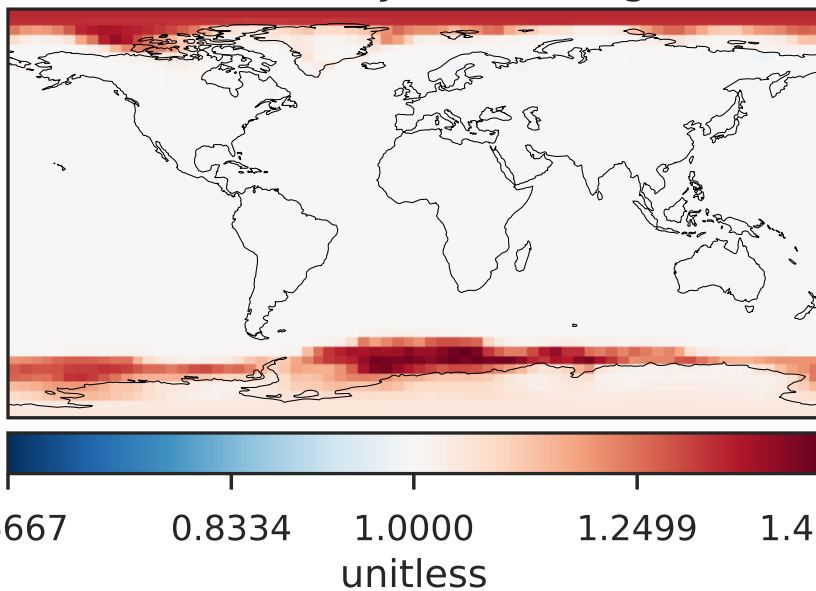
Difference
Dev - Ref, Dynamic Range



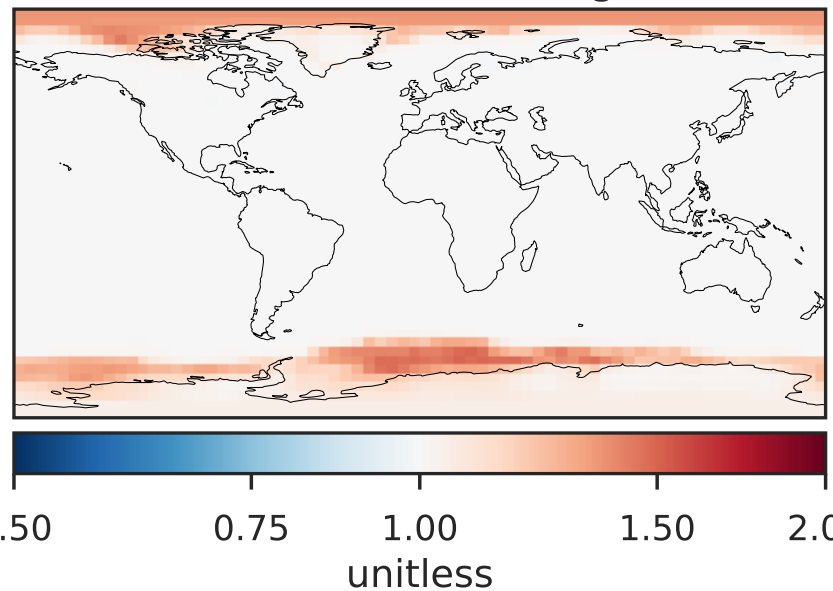
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

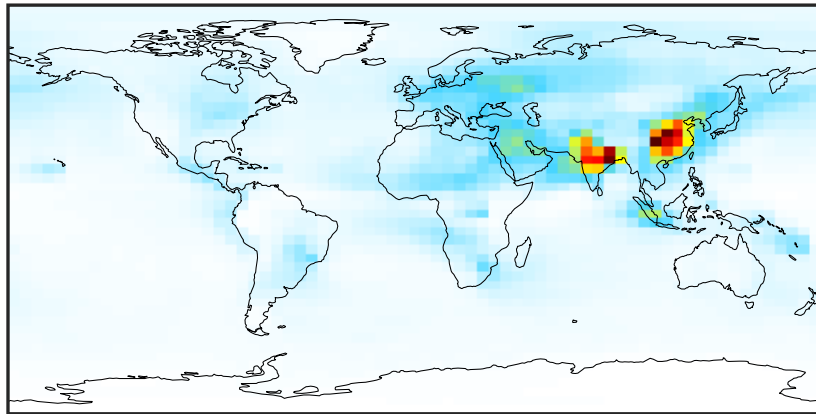


Ratio
Dev/Ref, Fixed Range



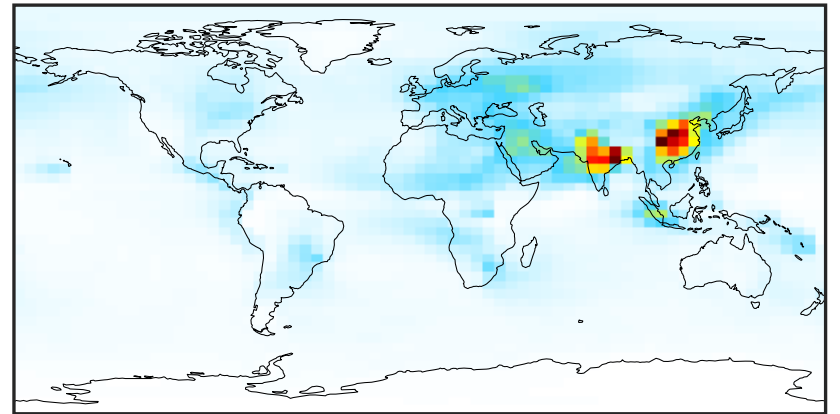
Column_AOD_SO4 (Oct2019)

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



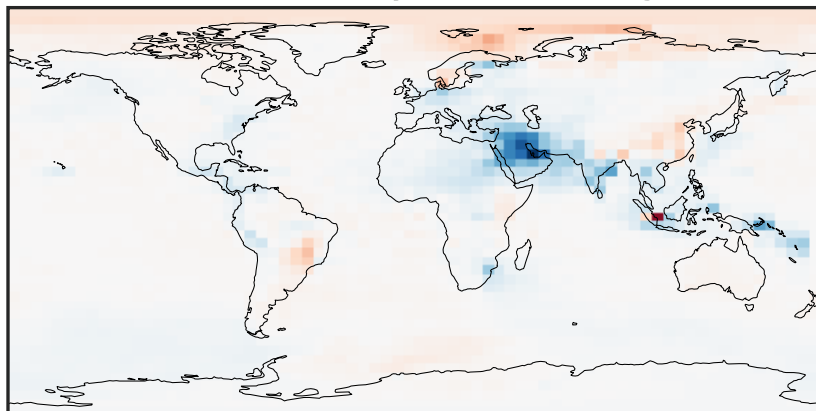
0.0018 0.1256 0.2494 0.3732 0.4970
1

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



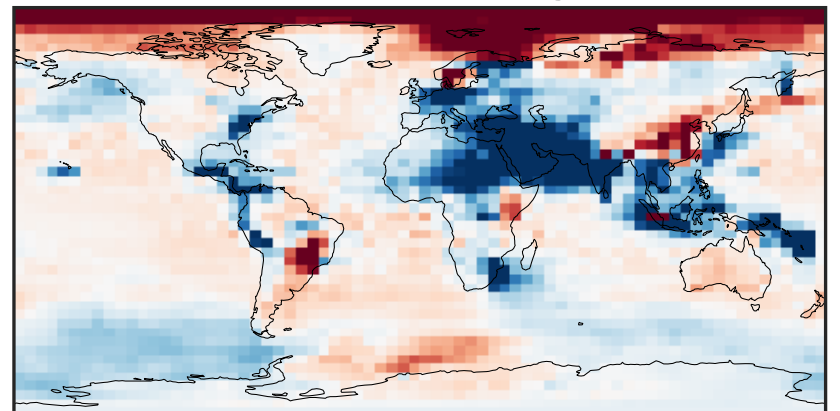
0.0018 0.1256 0.2494 0.3732 0.4970
1

Difference
Dev - Ref, Dynamic Range



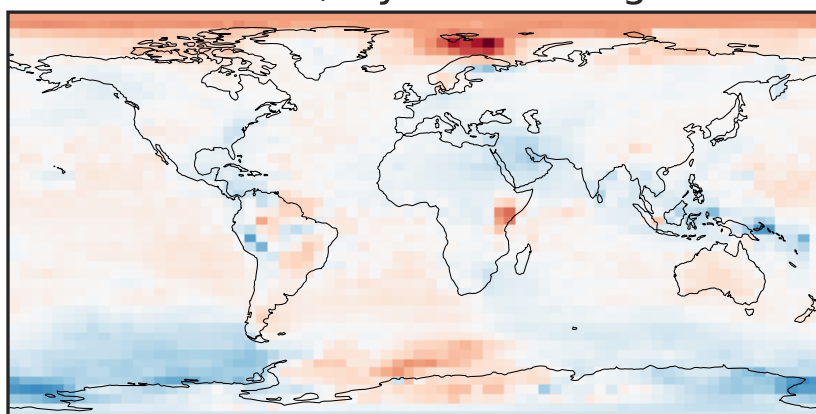
-0.001 0.000 0.001
1

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



-0.00015 0.00000 0.00015
1

Ratio
Dev/Ref, Dynamic Range



0.96796 0.98398 1.00000 1.01655 1.03311
unitless

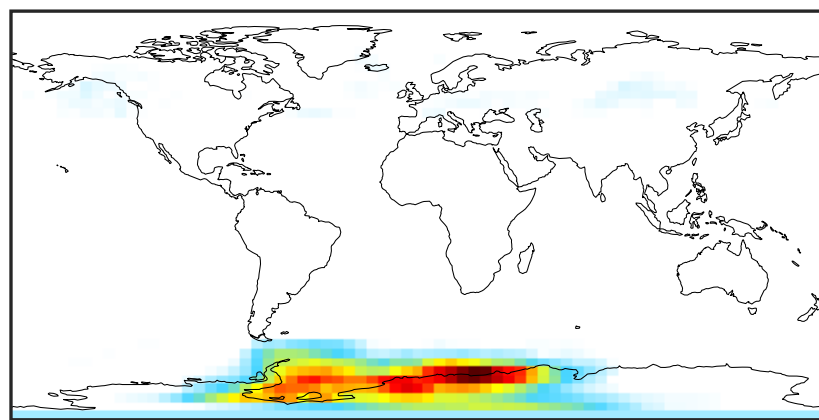
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

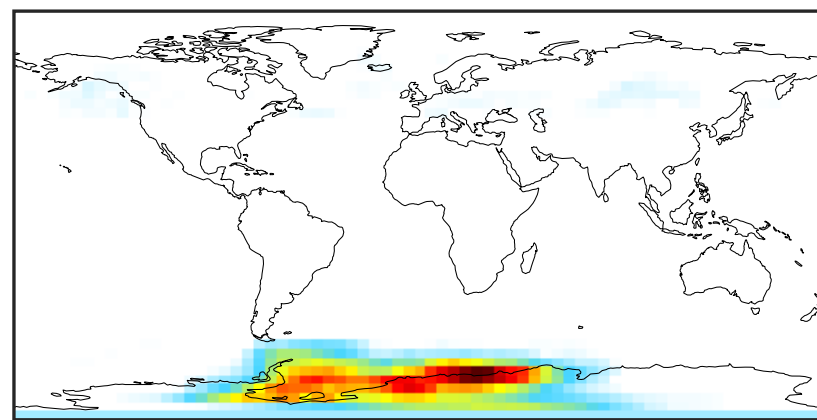
Column_AOD_Polar_Strat_Cloud (Oct2019)

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



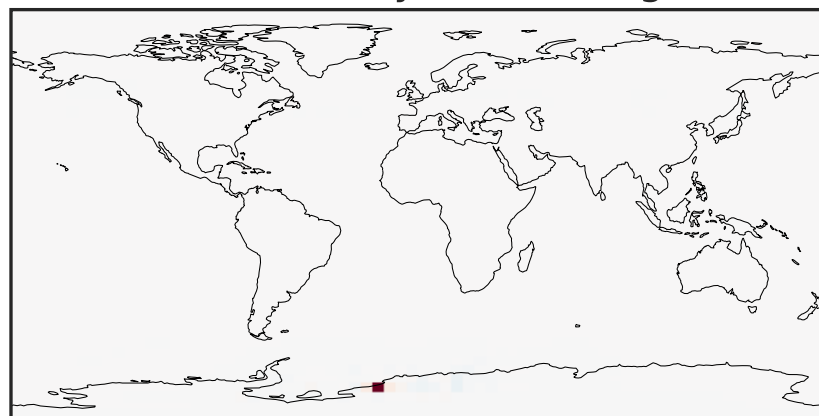
0.000 0.015 0.030 0.045
1

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



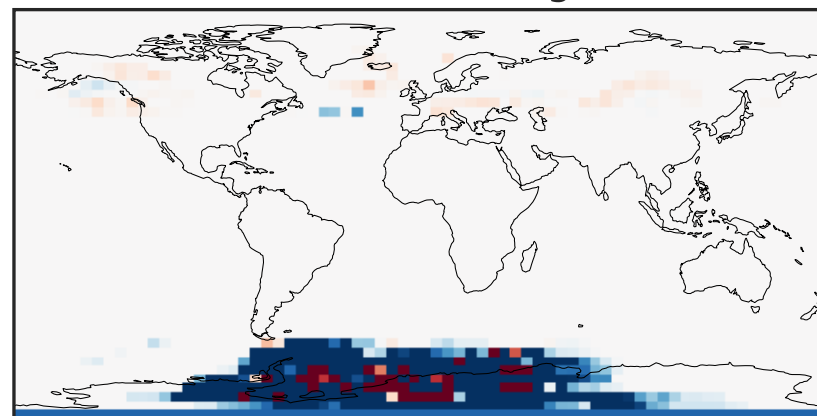
0.000 0.015 0.030 0.045
1

Difference
Dev - Ref, Dynamic Range



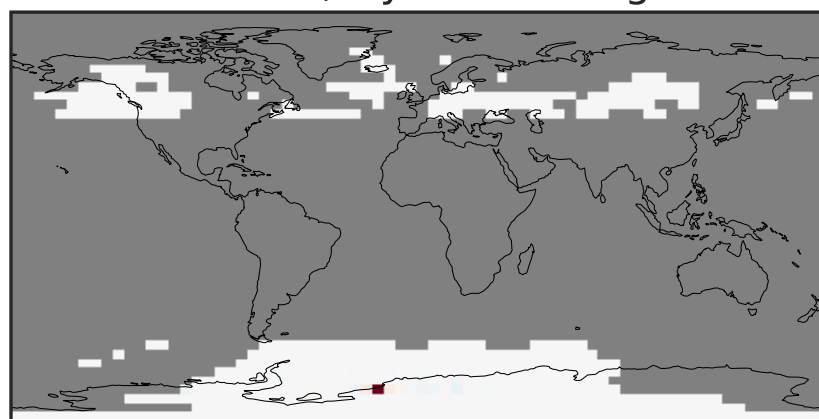
-0.0005 0.0000 0.0005
1

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



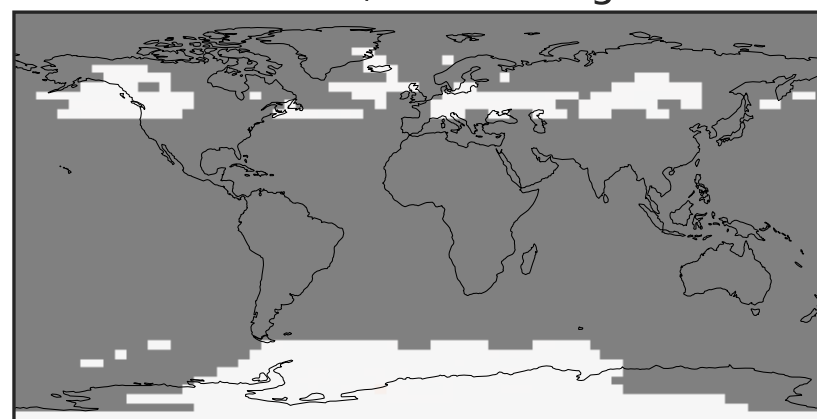
-1.5 0.0 1.5
1
1e-7

Ratio
Dev/Ref, Dynamic Range



0.96952 0.98476 1.00000 1.01572 1.03144
unitless

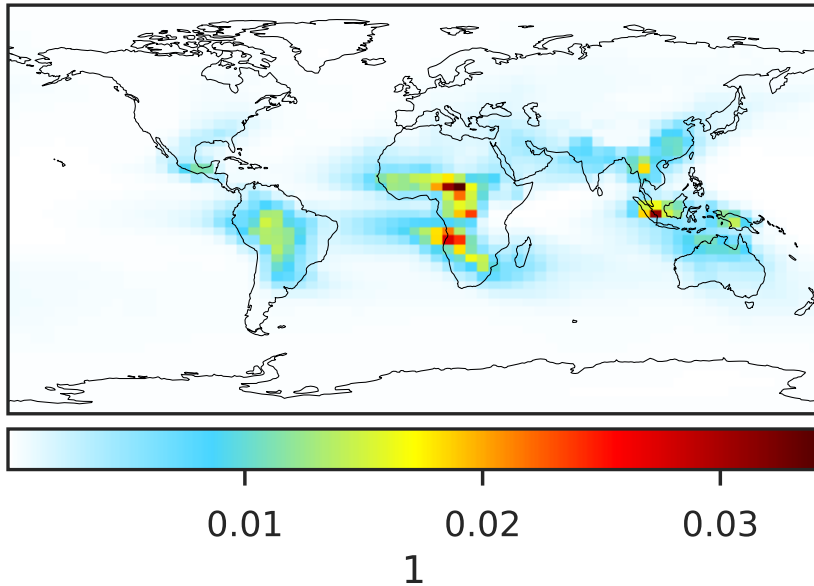
Ratio
Dev/Ref, Fixed Range



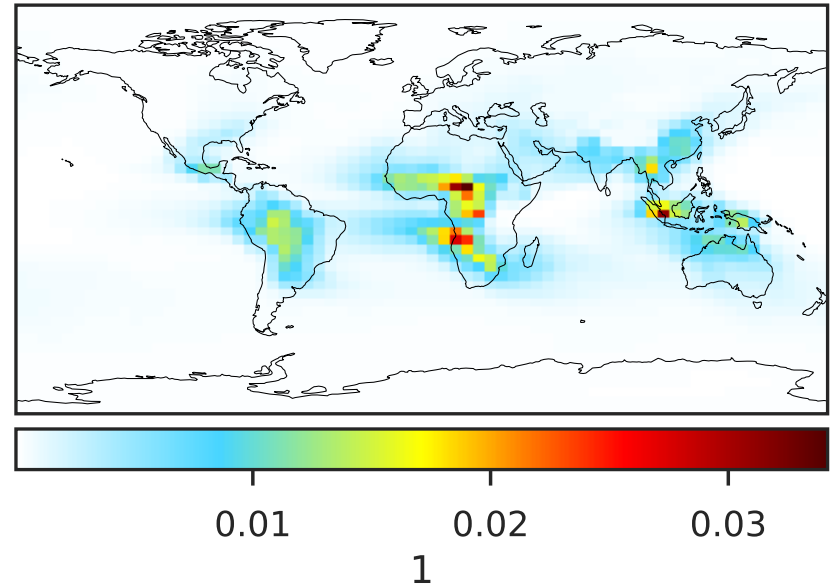
0.50 0.75 1.00 1.50 2.00
unitless

Column_AOD_SOA_from_Aqueous_ISOP (Oct2019)

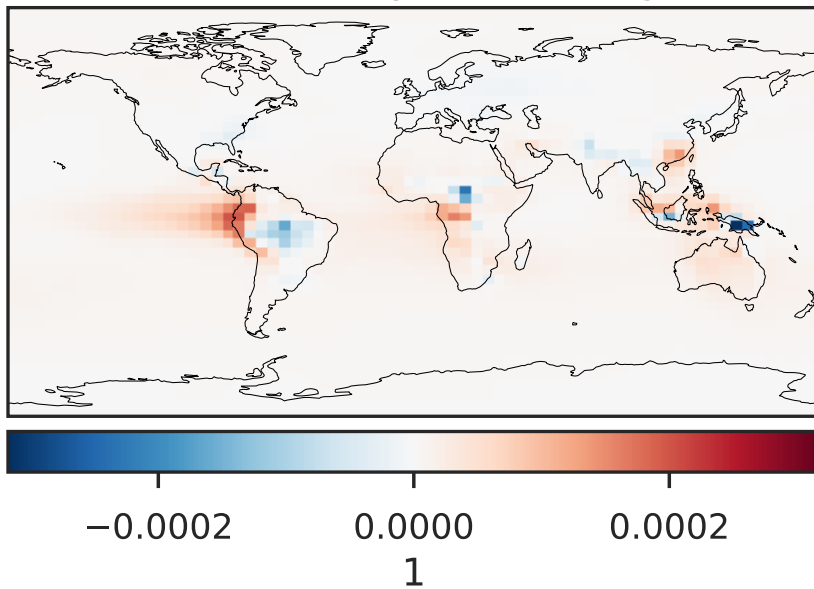
14.2.0-rc.2 (Ref)
4.0x5.0



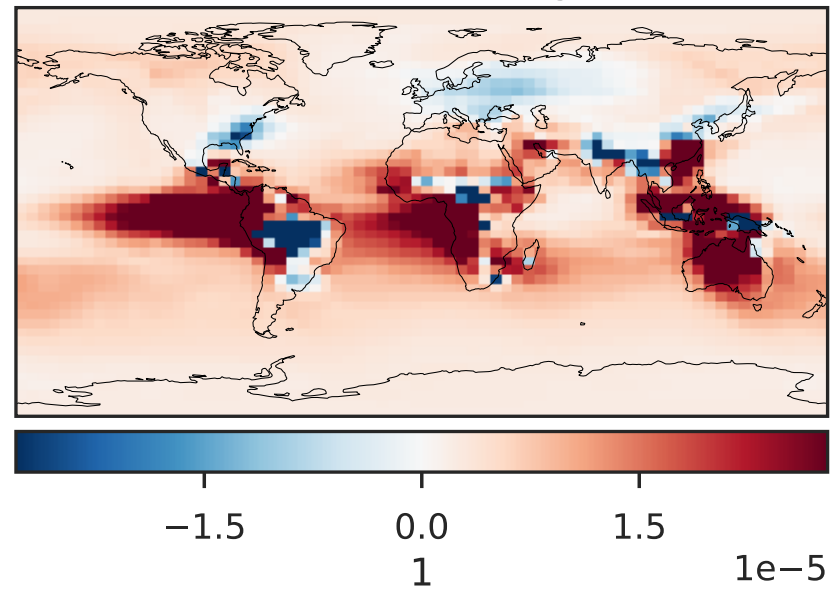
14.3.0-rc.0 (Dev)
4.0x5.0



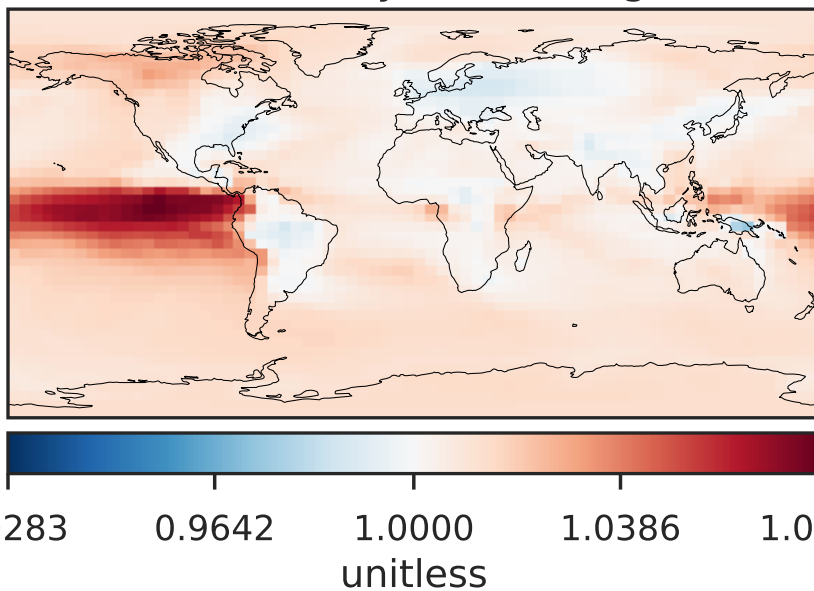
Difference
Dev - Ref, Dynamic Range



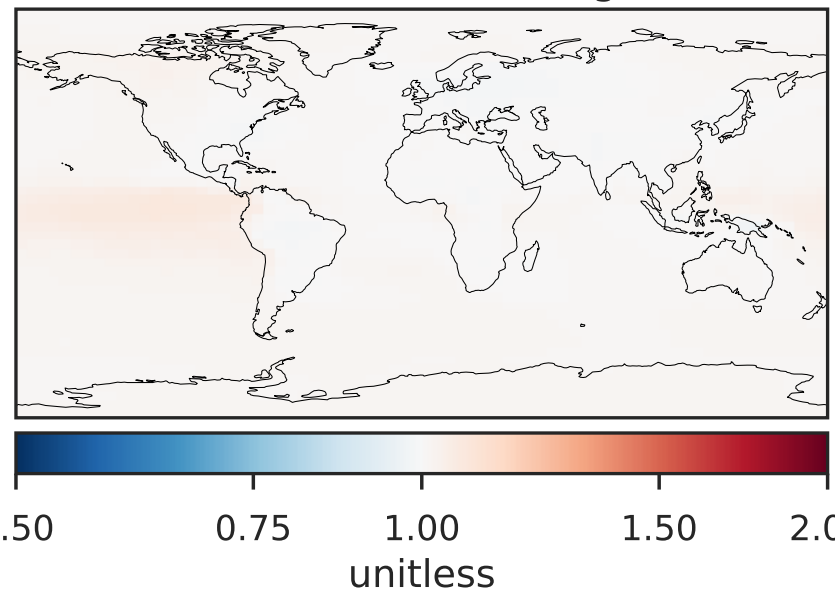
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

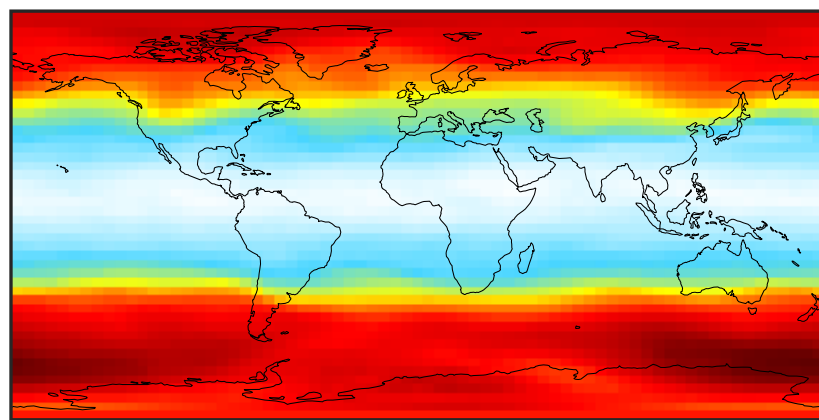


Ratio
Dev/Ref, Fixed Range



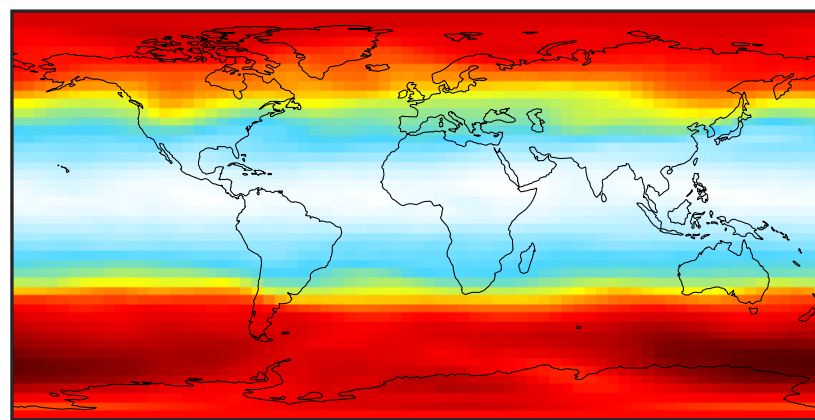
Column_AOD_Strat_Liquid_Aerosol (Oct2019)

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



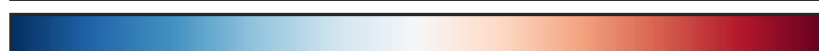
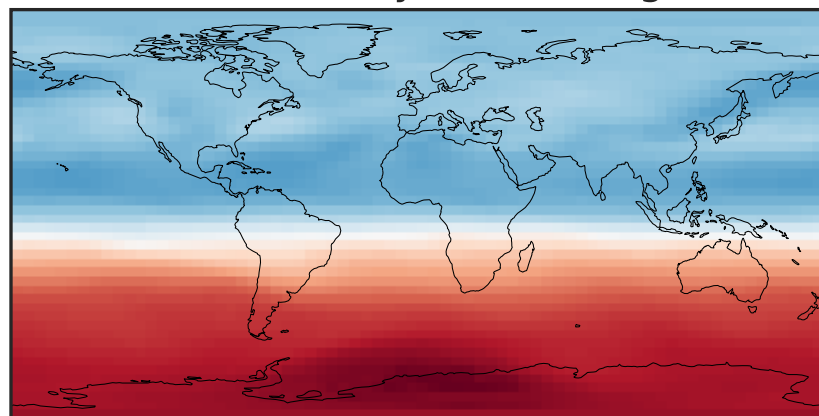
0.003 0.004 0.005
1

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



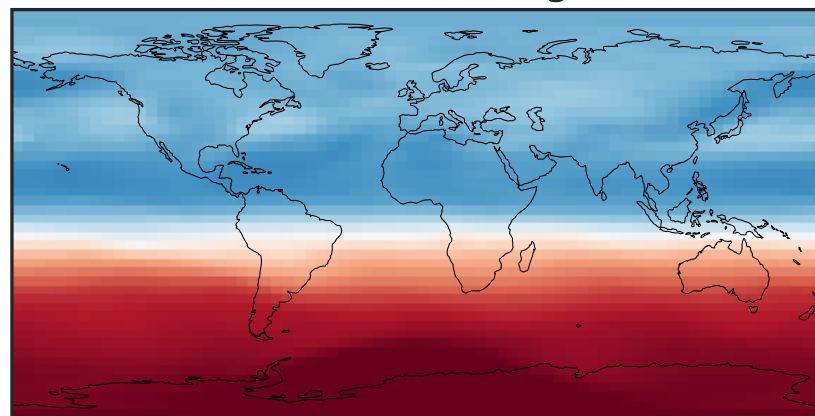
0.003 0.004 0.005
1

Difference
Dev - Ref, Dynamic Range



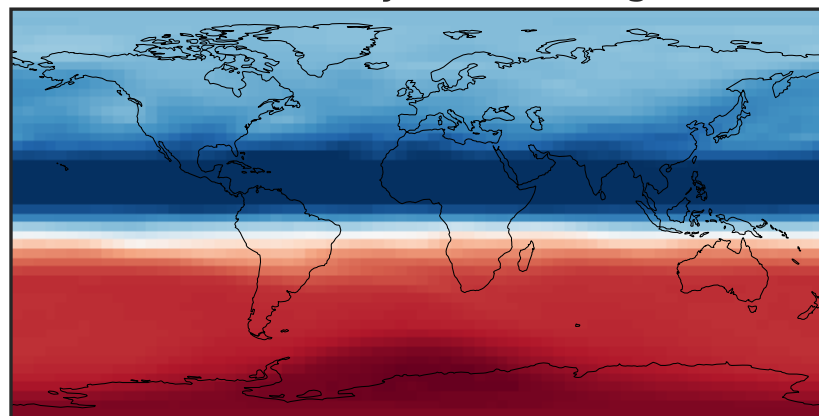
-4 0 4
1 $1e-5$

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



-4 0 4
1 $1e-5$

Ratio
Dev/Ref, Dynamic Range



0.98649 0.99325 1.00000 1.00684 1.01369
unitless

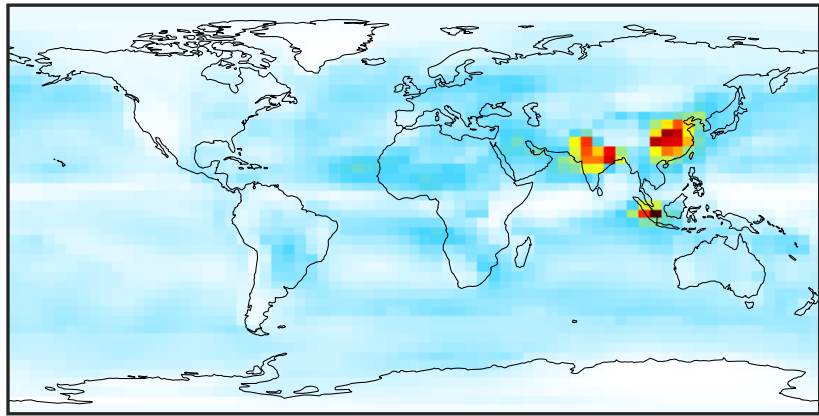
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

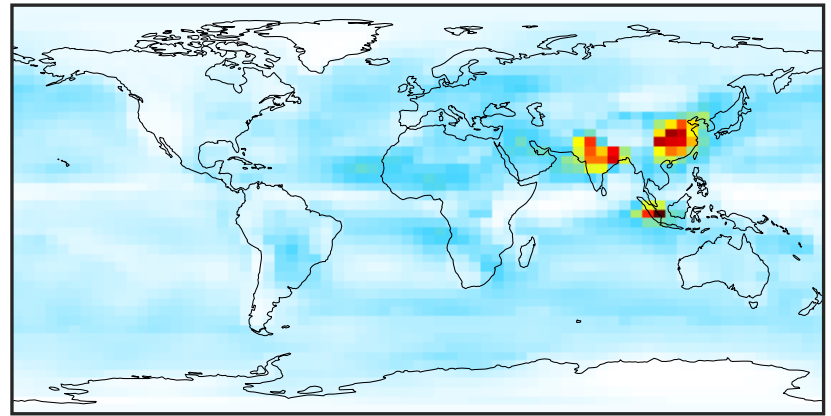
Column_AOD_Total (Oct2019)

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



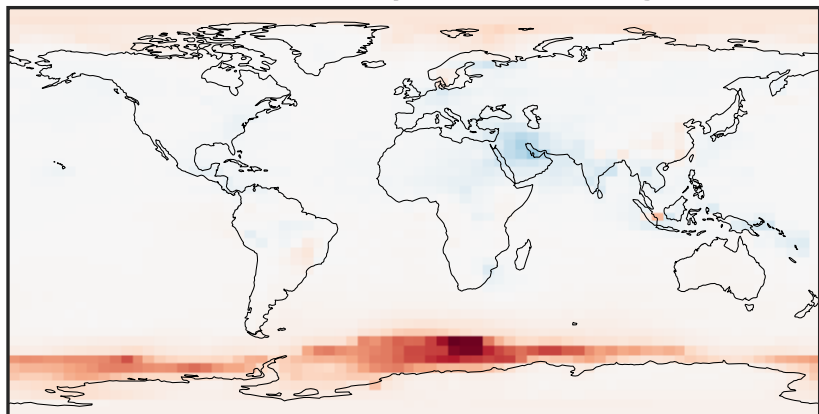
0.0138 0.2050 0.3961 0.5872 0.7783
1

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



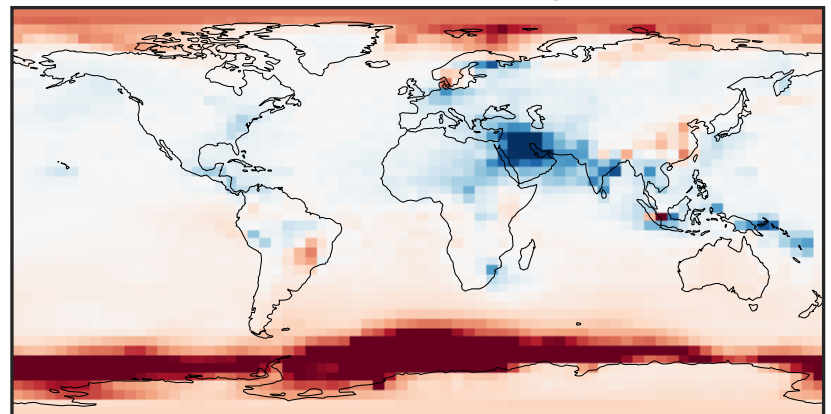
0.0138 0.2050 0.3961 0.5872 0.7783
1

Difference
Dev - Ref, Dynamic Range



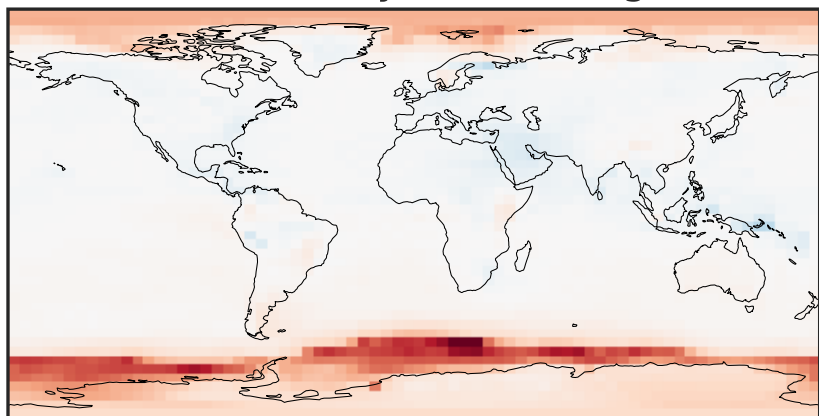
-0.003 0.000 0.003
1

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



-0.0006 0.0000 0.0006
1

Ratio
Dev/Ref, Dynamic Range



0.95329 0.97664 1.00000 1.02450 1.04900
unitless

Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless