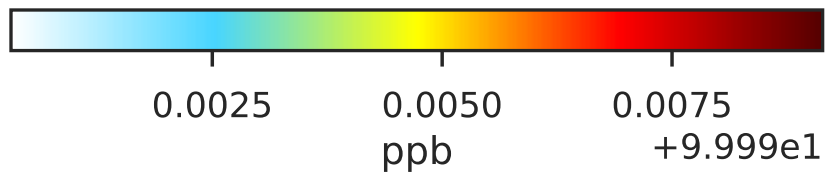
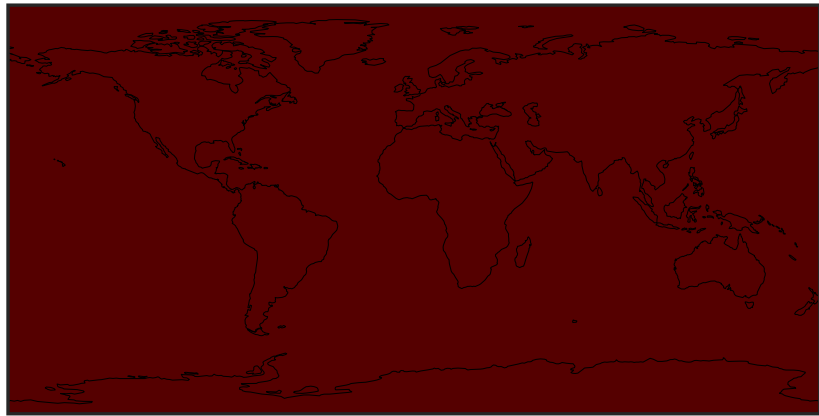
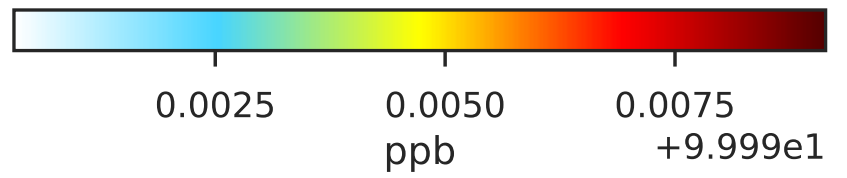
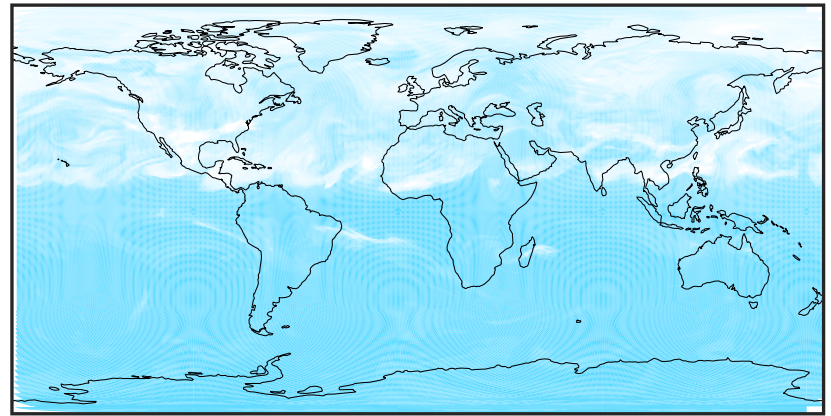


SpeciesConcVV_PassiveTracer (Oct2019)

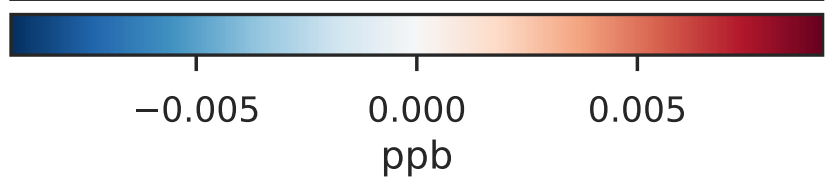
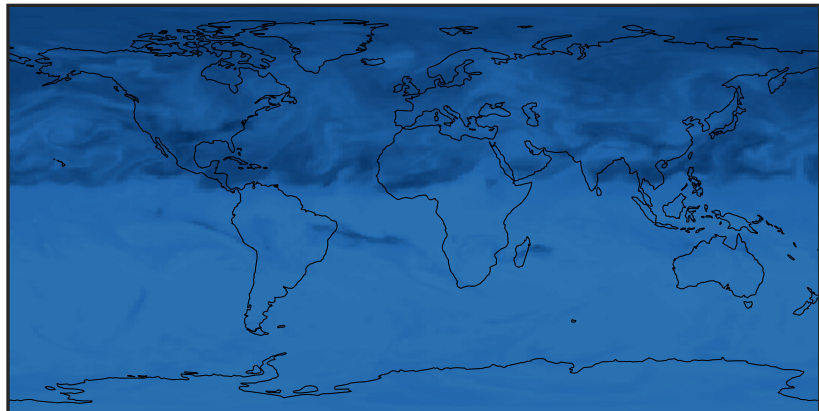
GCC 14.2.2 (Ref)
4.0x5.0



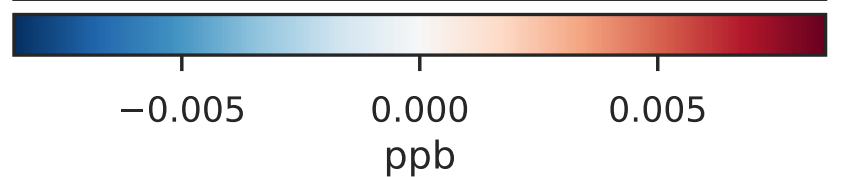
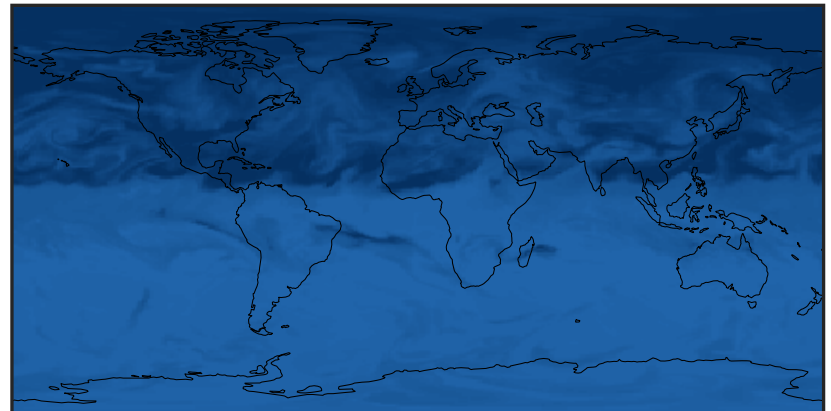
GCHP 14.2.2 using mass flux (Dev)
c180



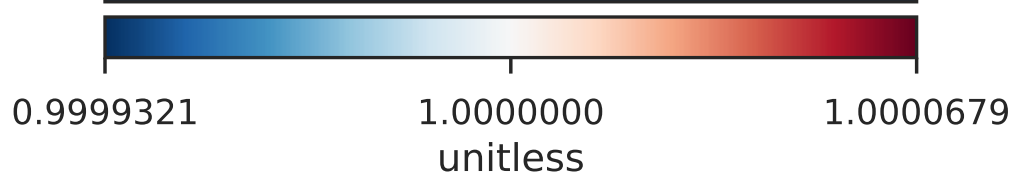
Difference (1x1.25)
Dev - Ref, Dynamic Range



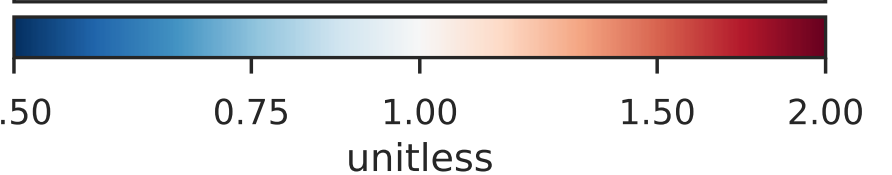
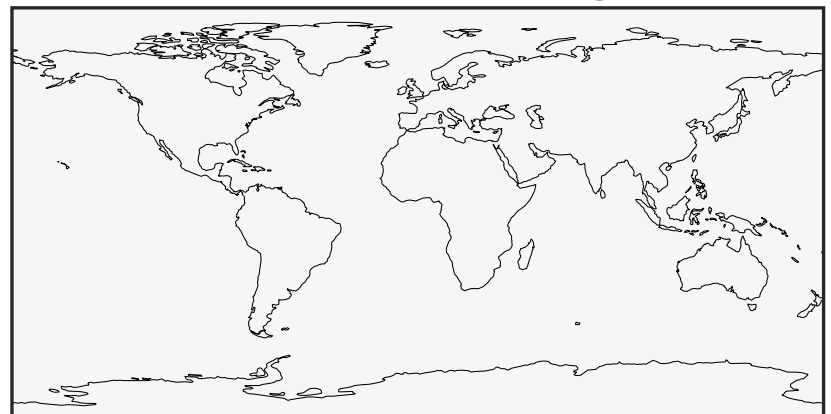
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

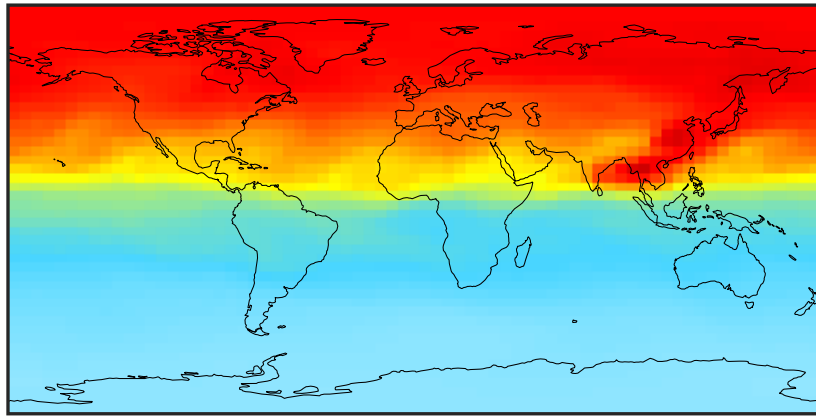


Ratio (1x1.25)
Dev/Ref, Fixed Range



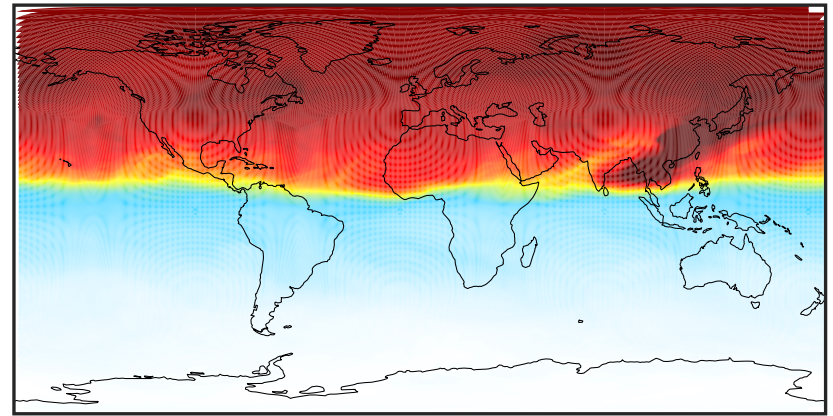
SpeciesConcVV_SF6 (Oct2019)

GCC 14.2.2 (Ref)
4.0x5.0



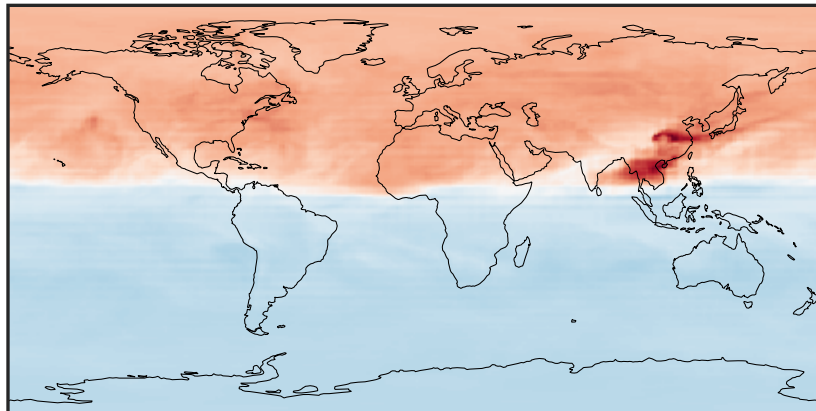
0.00255 0.00270 0.00285 0.00300
ppb

GCHP 14.2.2 using mass flux (Dev)
c180



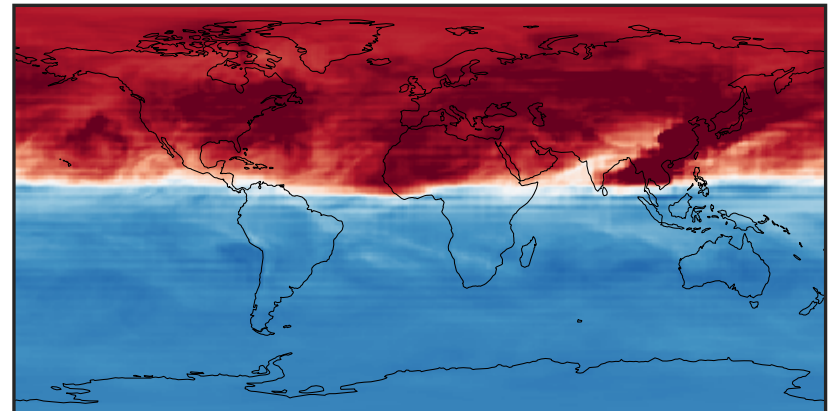
0.00255 0.00270 0.00285 0.00300
ppb

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



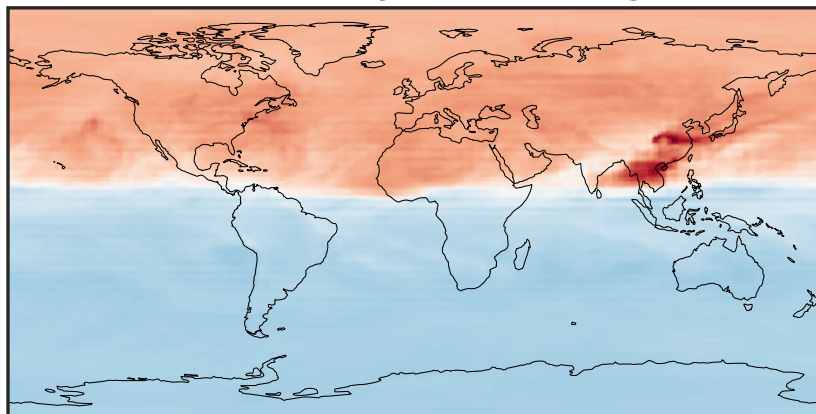
-0.0002 0.0000 0.0002
ppb

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



-8 0 8
ppb 1e-5

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



0.9039 0.9520 1.0000 1.0531 1.1063
unitless

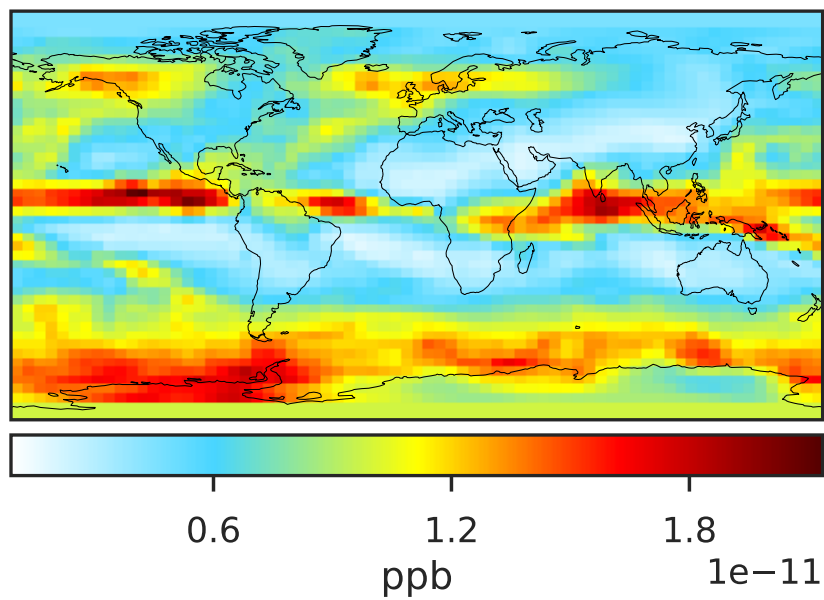
Ratio (1x1.25)
Dev/Ref, Fixed Range



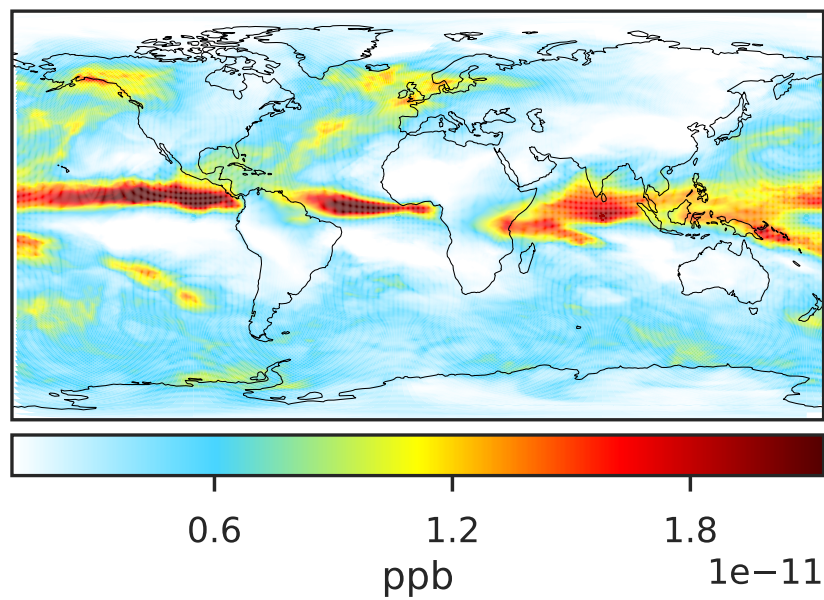
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_CH3I (Oct2019)

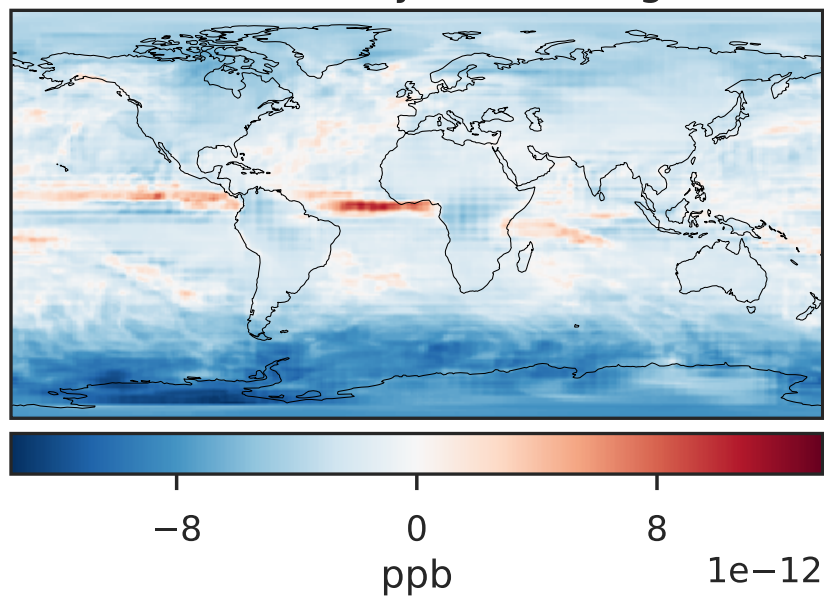
GCC 14.2.2 (Ref)
4.0x5.0



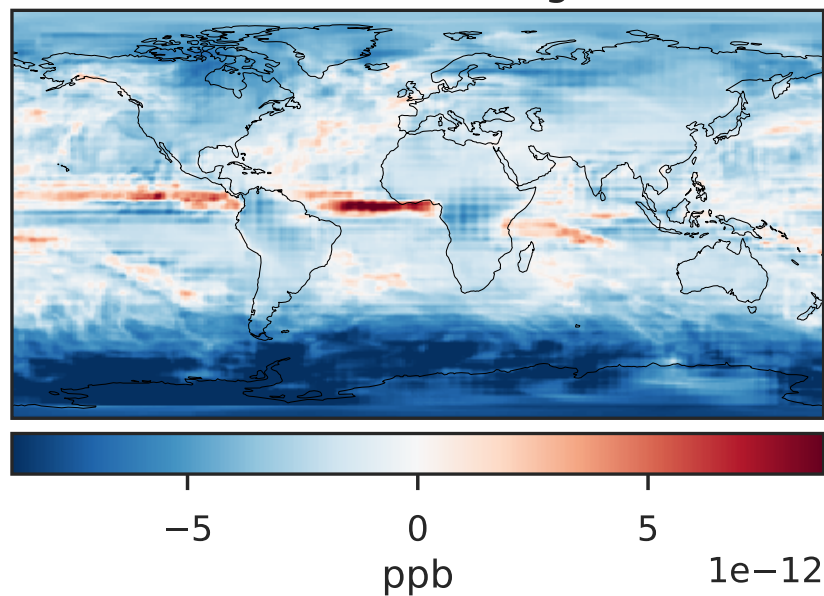
GCHP 14.2.2 using mass flux (Dev)
c180



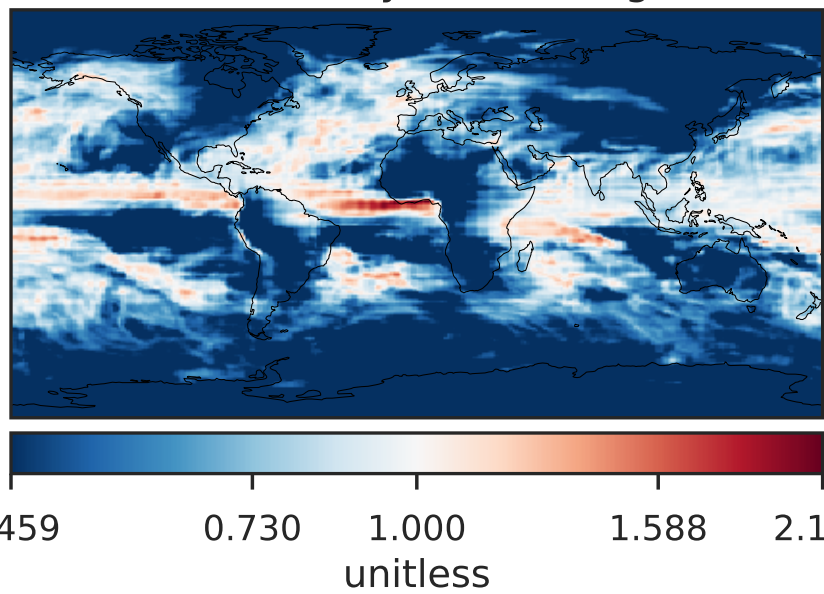
Difference (1x1.25)
Dev - Ref, Dynamic Range



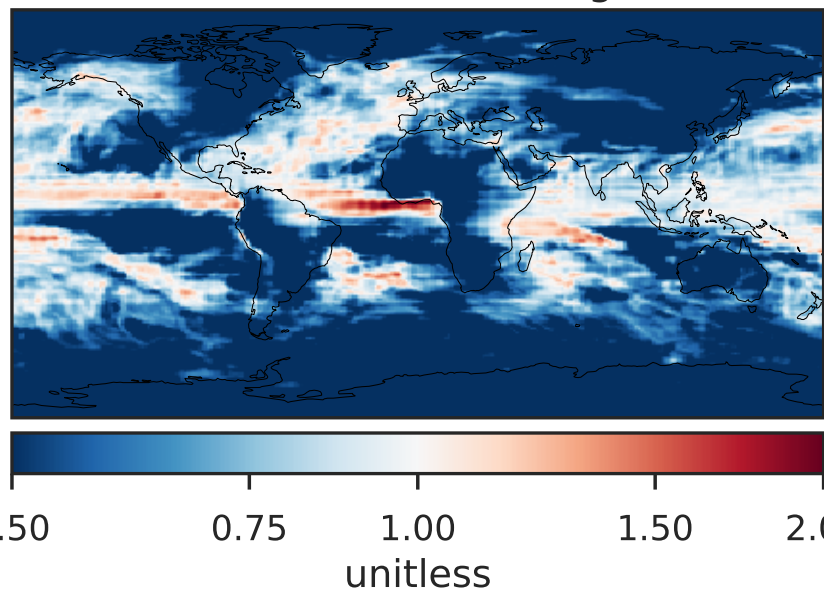
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

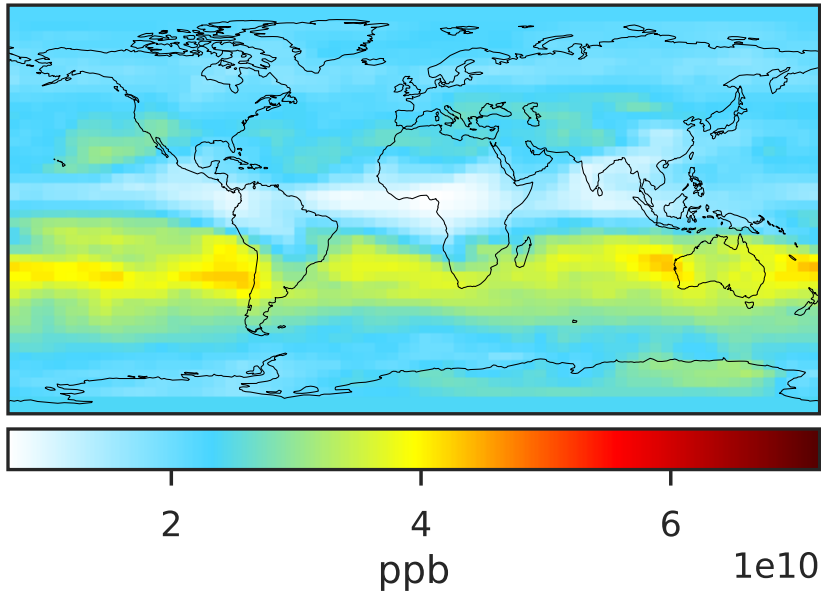


Ratio (1x1.25)
Dev/Ref, Fixed Range

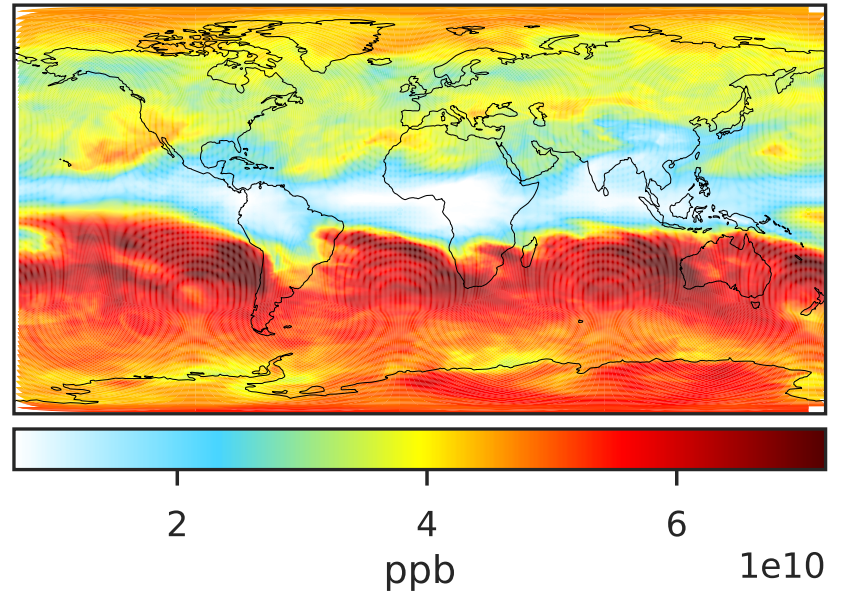


SpeciesConcVV_aoa (Oct2019)

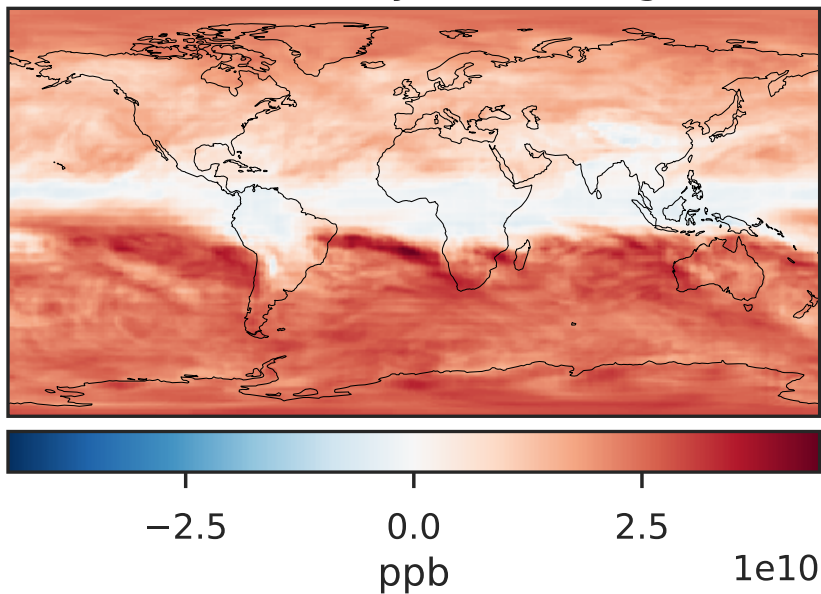
GCC 14.2.2 (Ref)
4.0x5.0



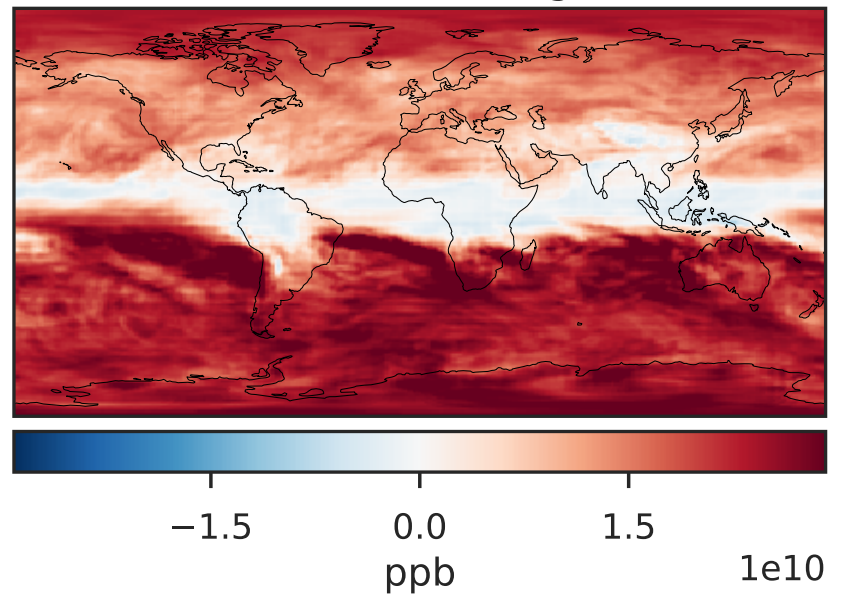
GCHP 14.2.2 using mass flux (Dev)
c180



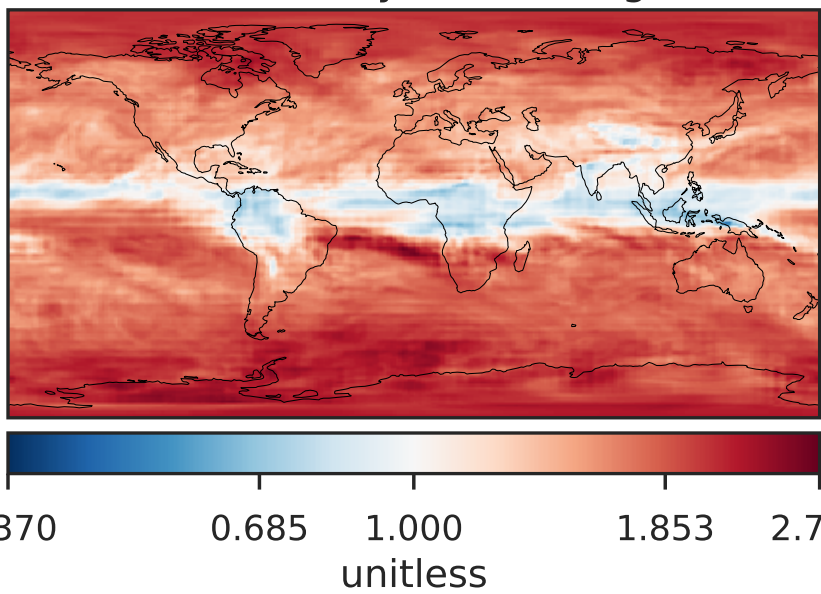
Difference (1x1.25)
Dev - Ref, Dynamic Range



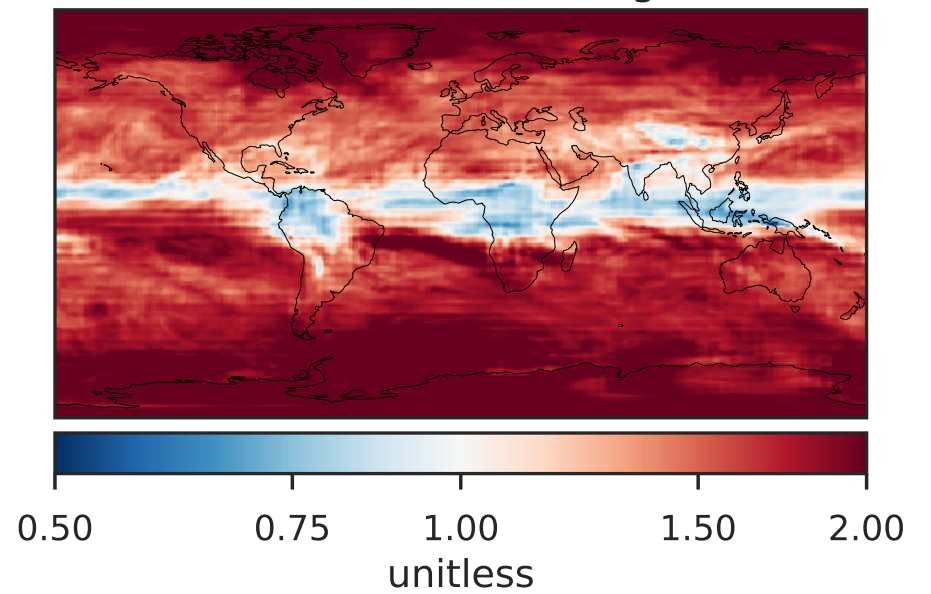
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

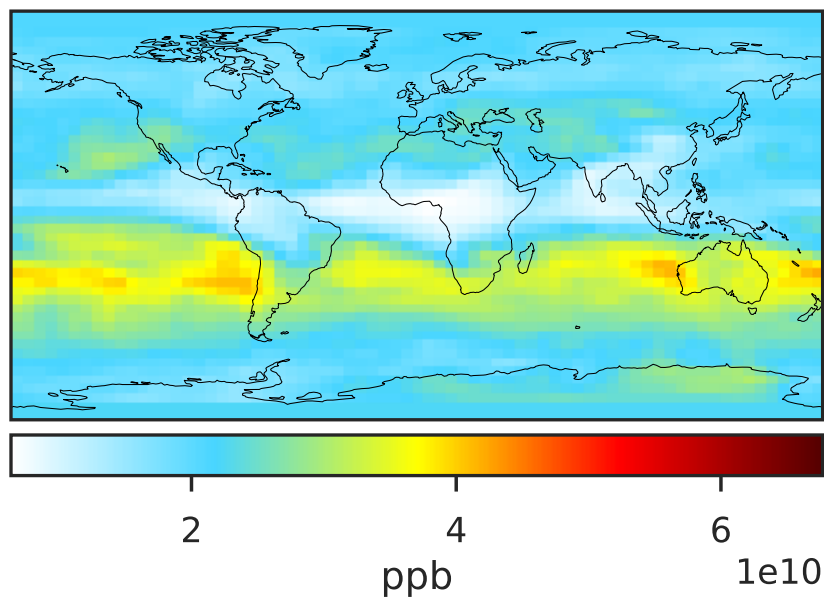


Ratio (1x1.25)
Dev/Ref, Fixed Range

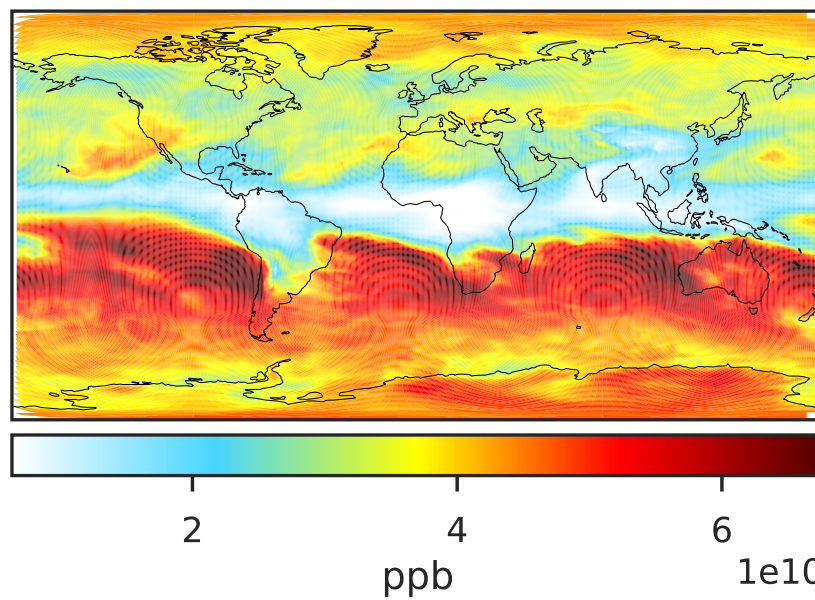


SpeciesConcVV_aoa_bl (Oct2019)

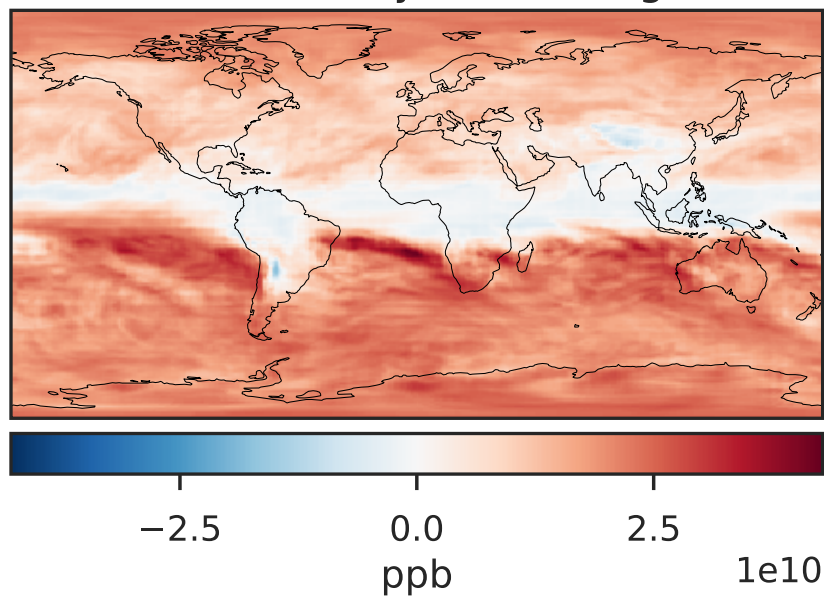
GCC 14.2.2 (Ref)
4.0x5.0



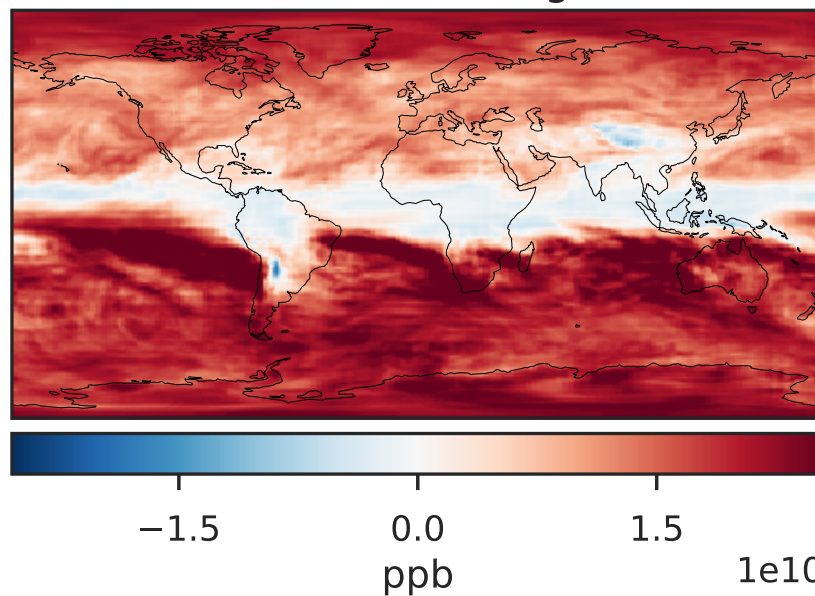
GCHP 14.2.2 using mass flux (Dev)
c180



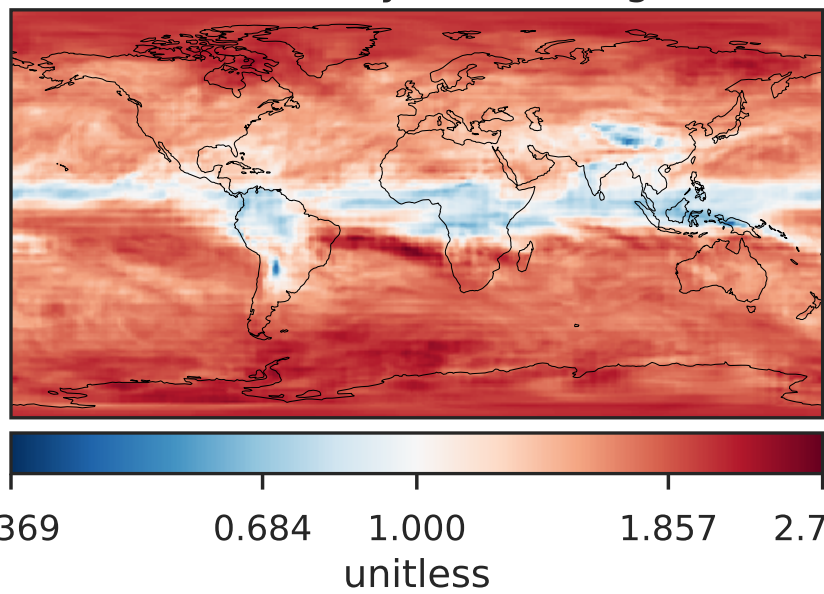
Difference (1x1.25)
Dev - Ref, Dynamic Range



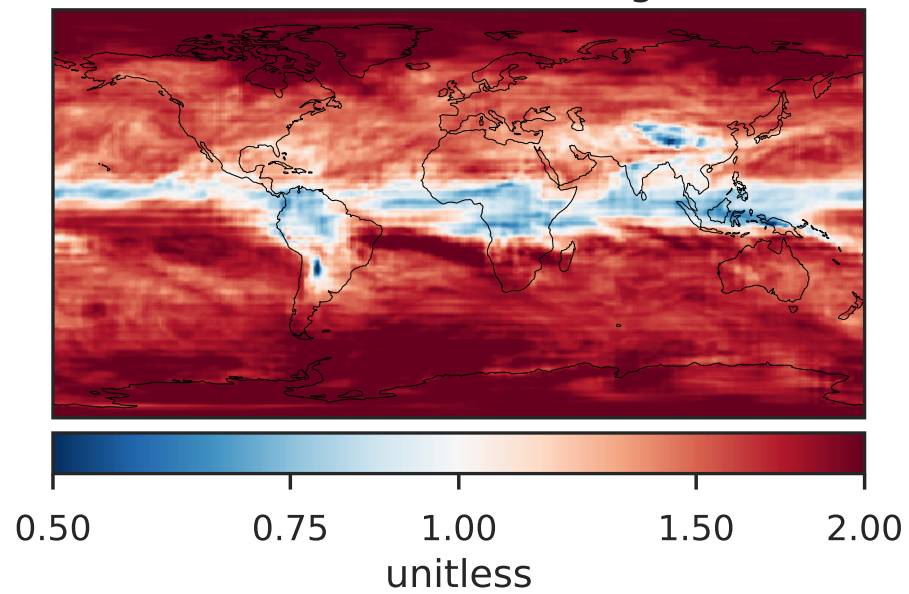
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

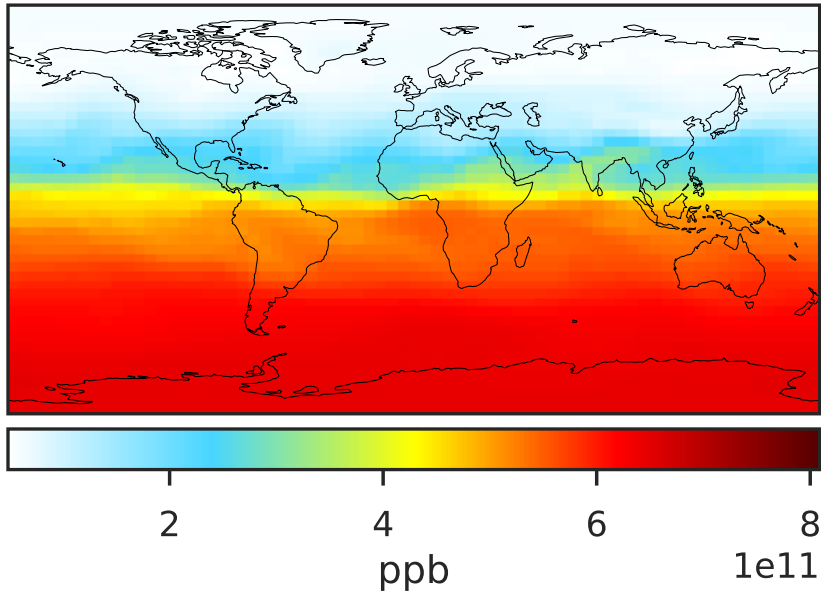


Ratio (1x1.25)
Dev/Ref, Fixed Range

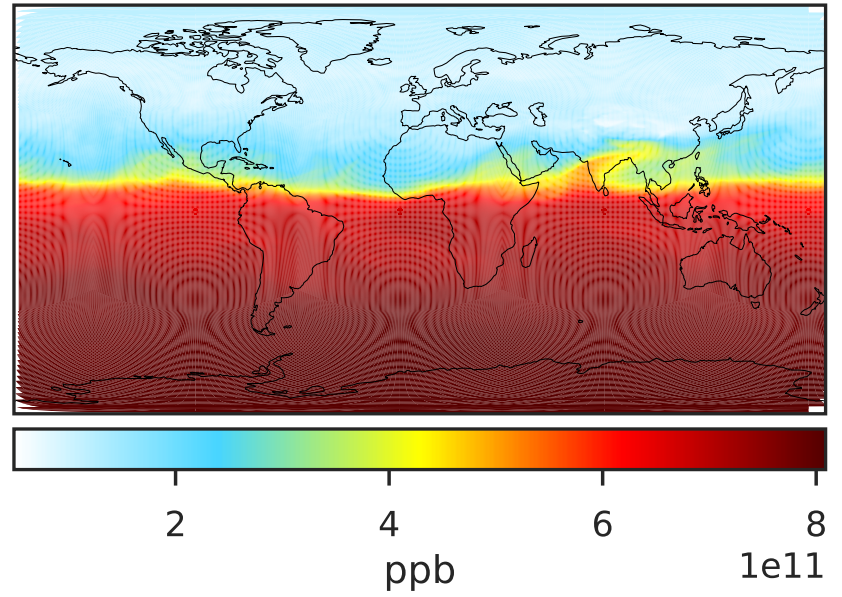


SpeciesConcVV_aoa_nh (Oct2019)

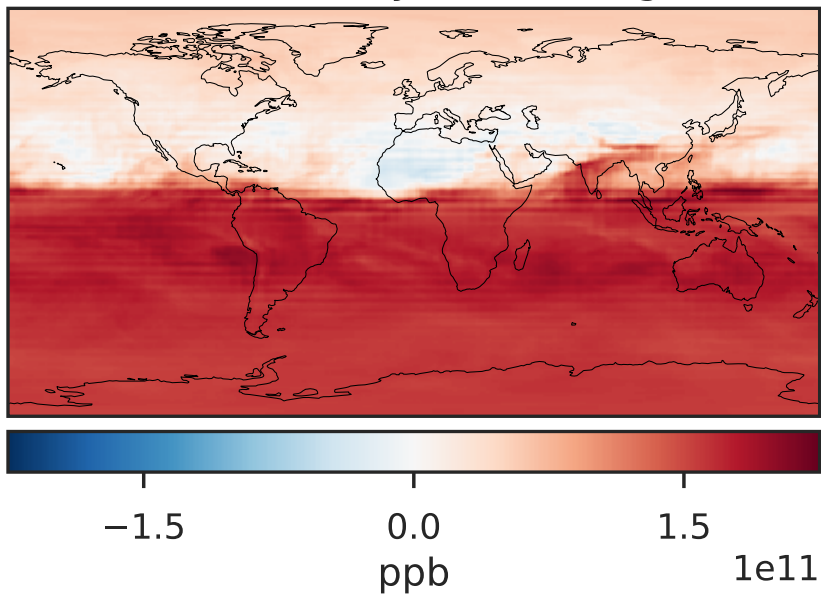
GCC 14.2.2 (Ref)
4.0x5.0



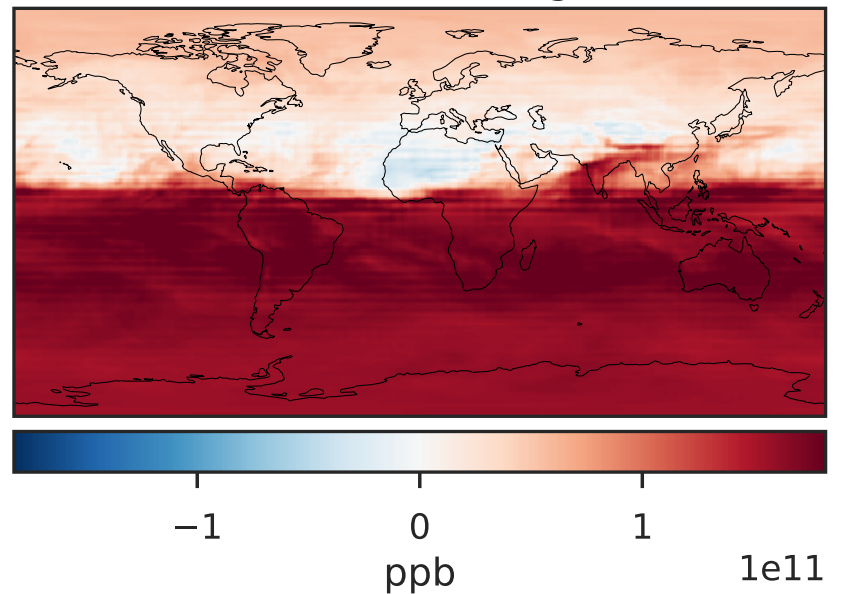
GCHP 14.2.2 using mass flux (Dev)
c180



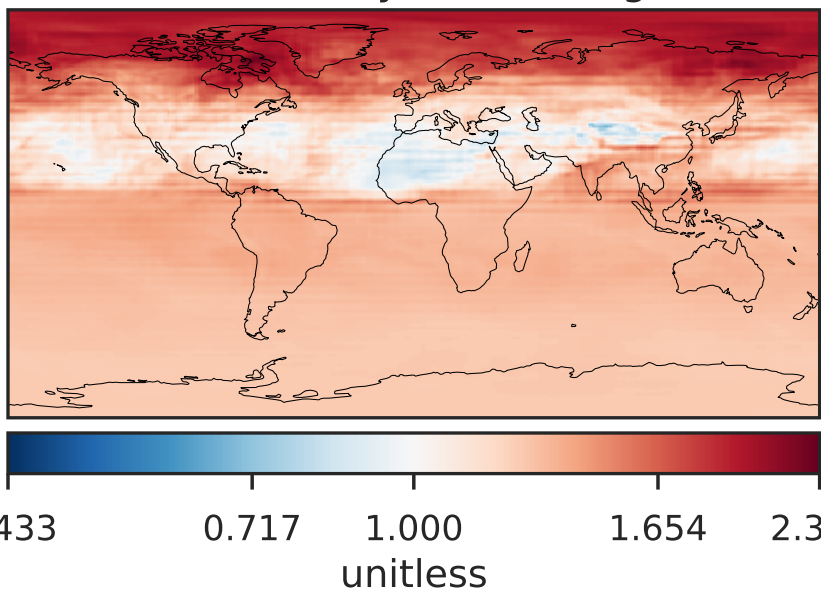
Difference (1x1.25)
Dev - Ref, Dynamic Range



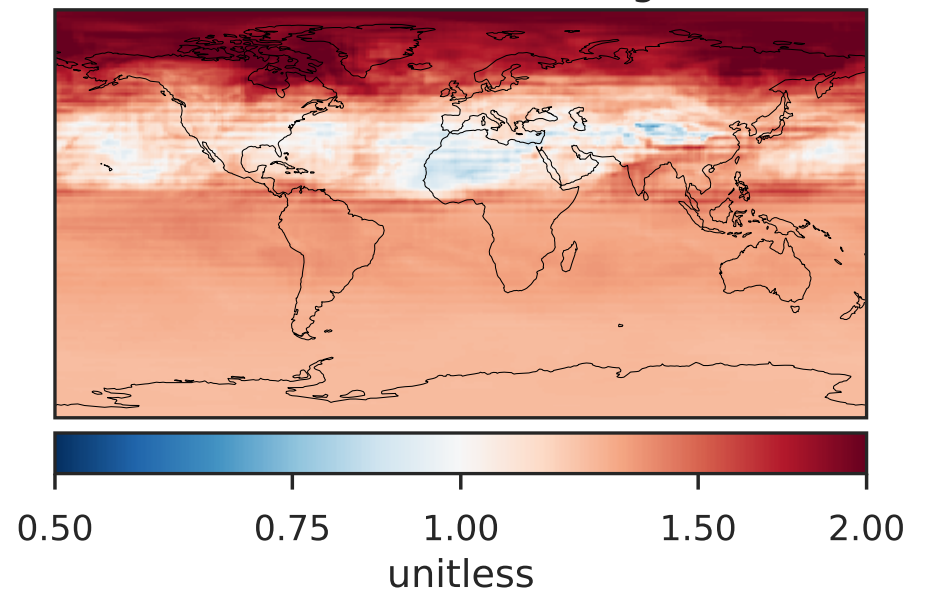
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

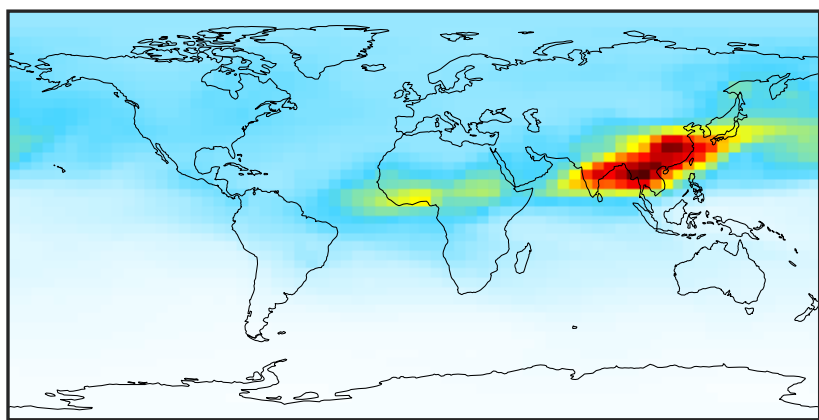


Ratio (1x1.25)
Dev/Ref, Fixed Range



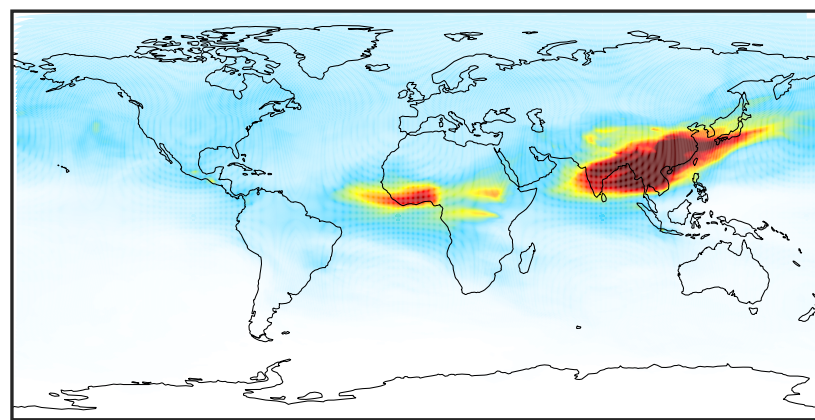
SpeciesConcVV_CO_25 (Oct2019)

GCC 14.2.2 (Ref)
4.0x5.0



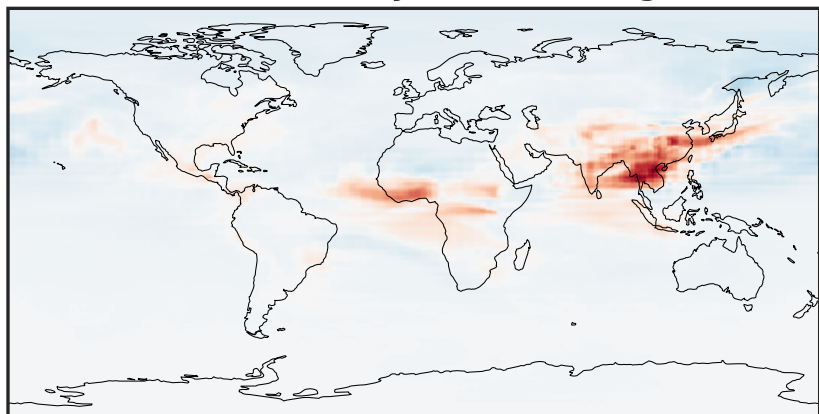
0.47 12.59 24.70 36.81 48.93
ppb

GCHP 14.2.2 using mass flux (Dev)
c180



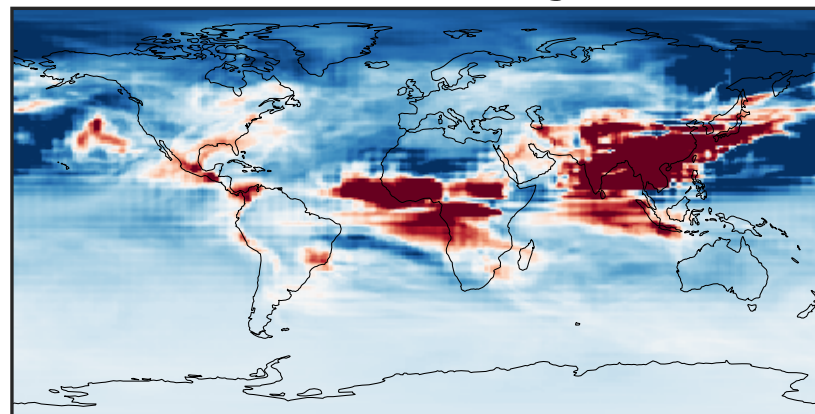
0.47 12.59 24.70 36.81 48.93
ppb

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



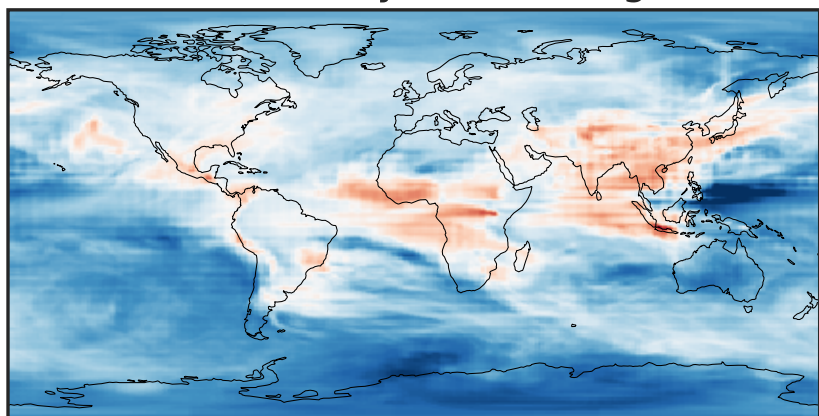
-31.67 -15.84 0.00 15.84 31.67
ppb

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



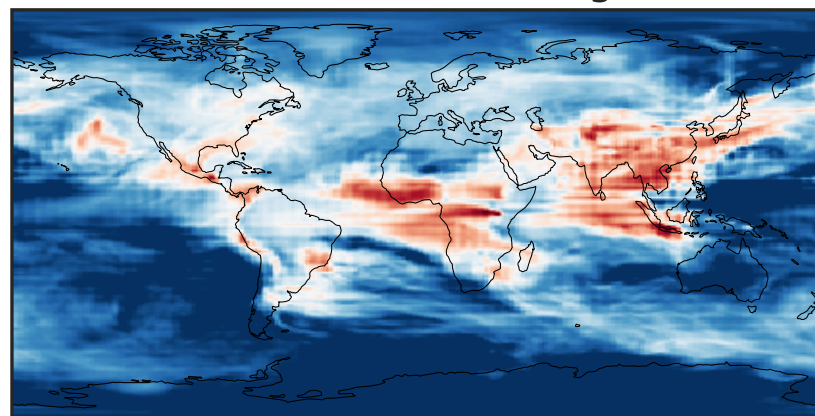
-3.939 -1.969 0.000 1.969 3.939
ppb

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



0.310 0.655 1.000 2.115 3.230
unitless

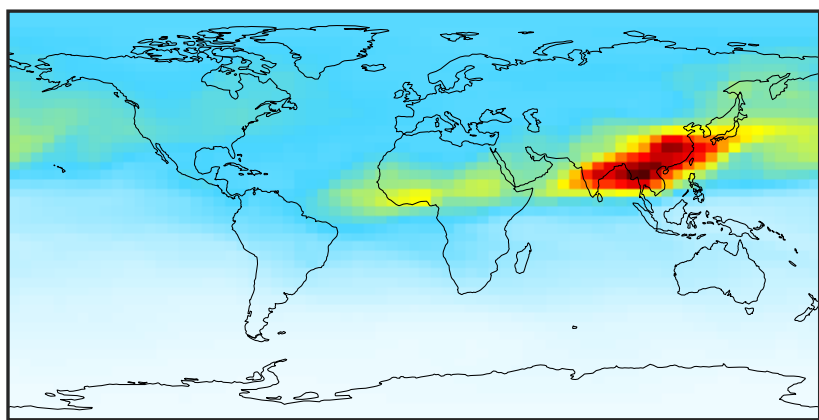
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

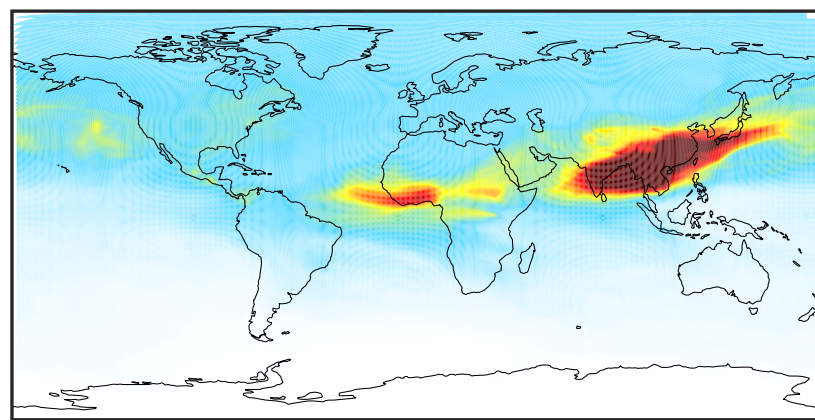
SpeciesConcVV_CO_50 (Oct2019)

GCC 14.2.2 (Ref)
4.0x5.0



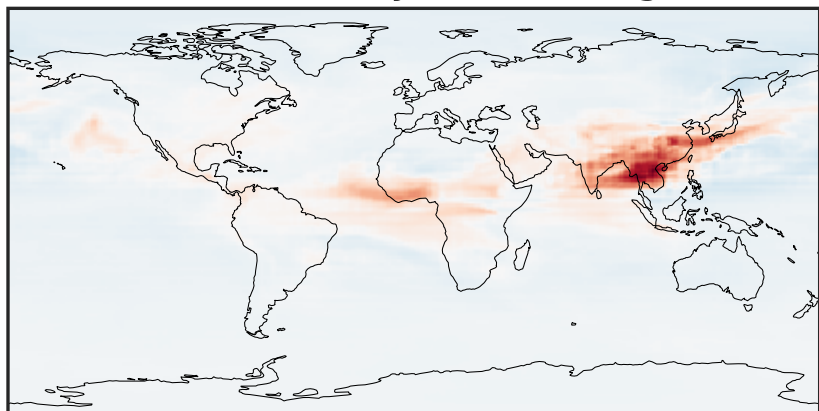
1.98 19.36 36.74 54.12 71.50
ppb

GCHP 14.2.2 using mass flux (Dev)
c180



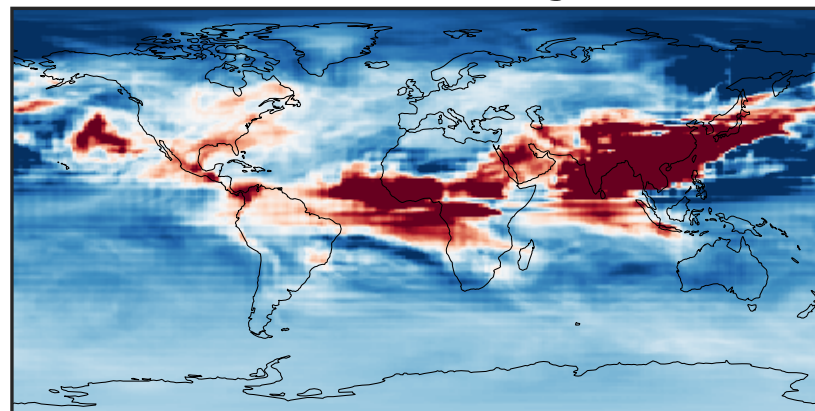
1.98 19.36 36.74 54.12 71.50
ppb

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



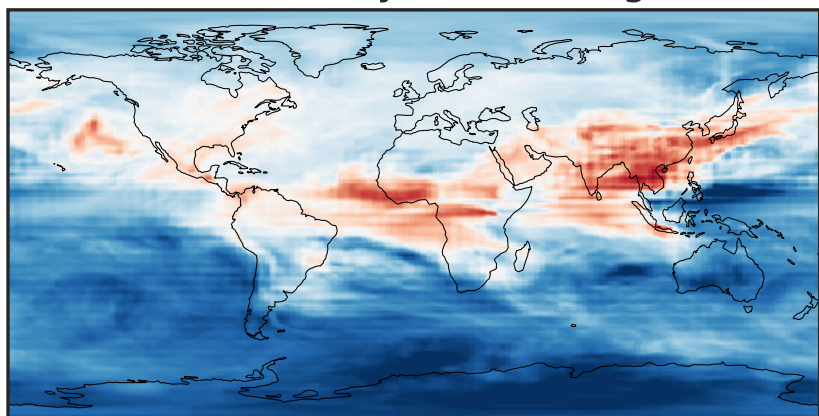
-30 0 30
ppb

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



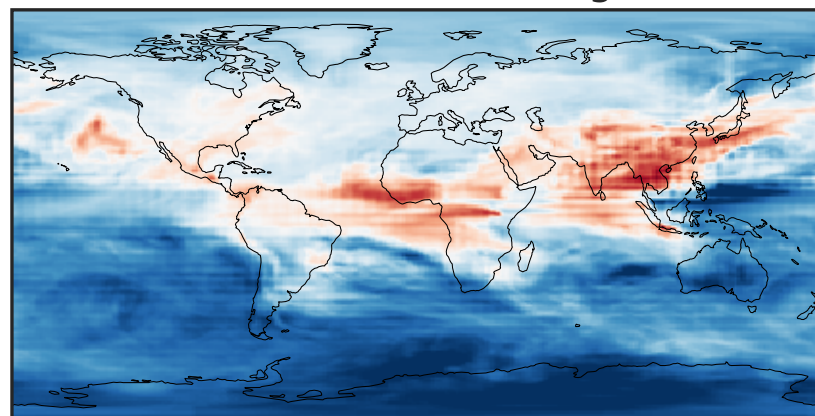
-5.02 -2.51 0.00 2.51 5.02
ppb

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



0.495 0.748 1.000 1.510 2.019
unitless

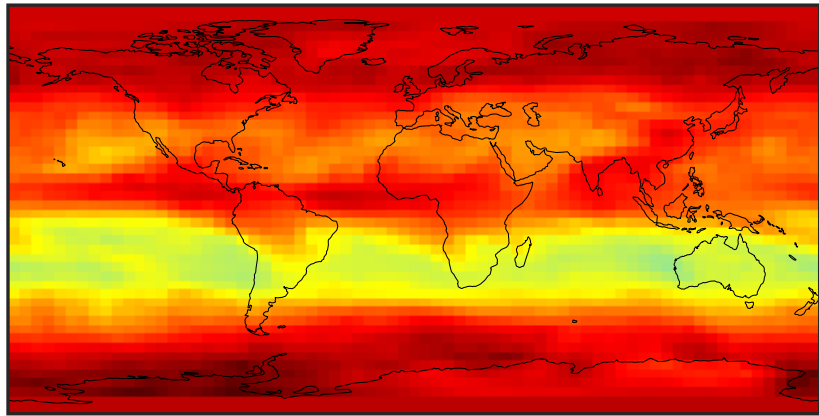
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

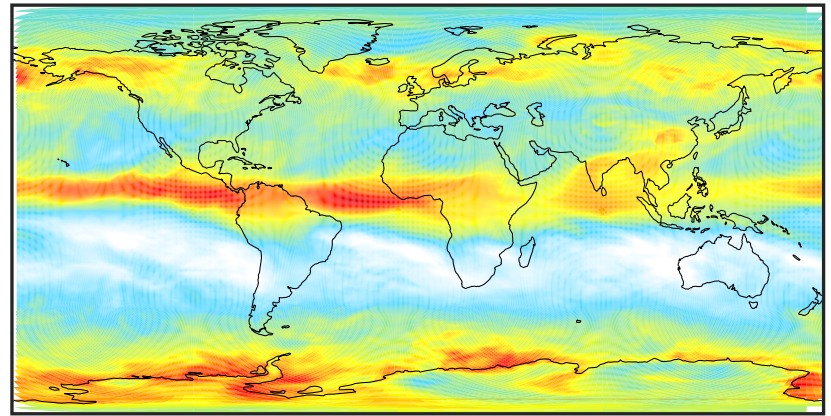
SpeciesConcVV_e90 (Oct2019)

GCC 14.2.2 (Ref)
4.0x5.0



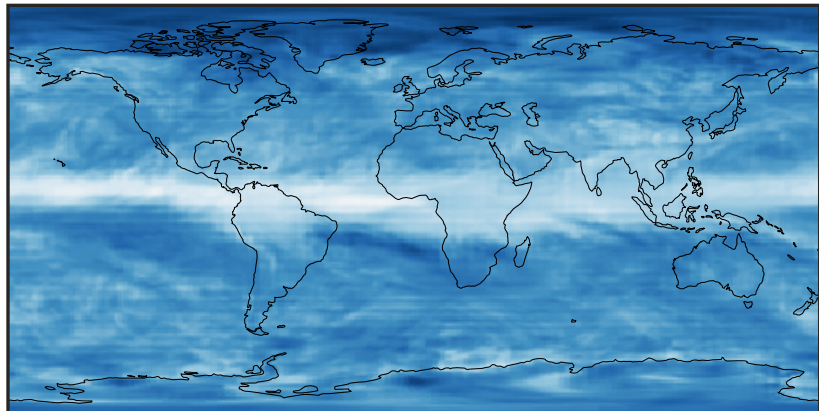
46.96 57.23 67.51 77.78 88.06
ppb

GCHP 14.2.2 using mass flux (Dev)
c180



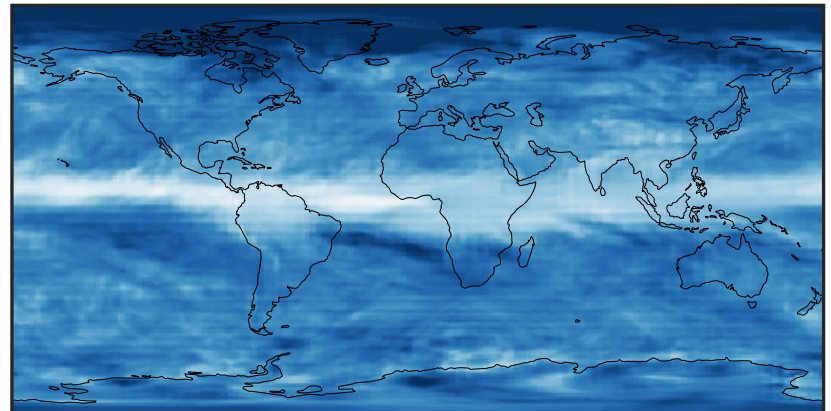
46.96 57.23 67.51 77.78 88.06
ppb

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



-23.72 -11.86 0.00 11.86 23.72
ppb

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



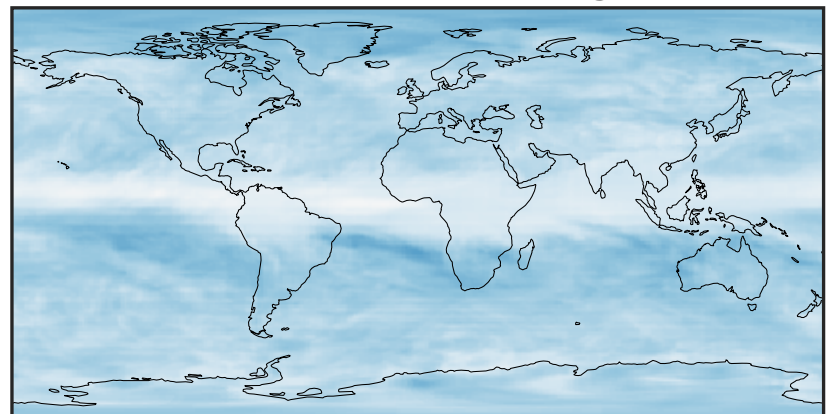
-20.82 -10.41 0.00 10.41 20.82
ppb

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



0.99159 0.99579 1.00000 1.00424 1.00848
unitless

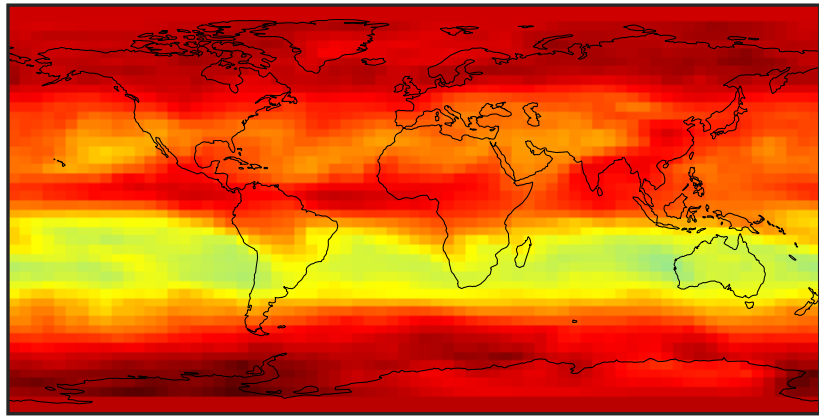
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

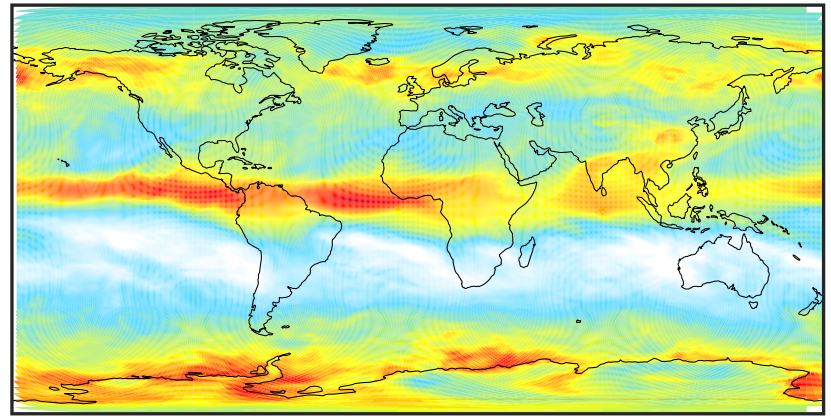
SpeciesConcVV_e90_n (Oct2019)

GCC 14.2.2 (Ref)
4.0x5.0



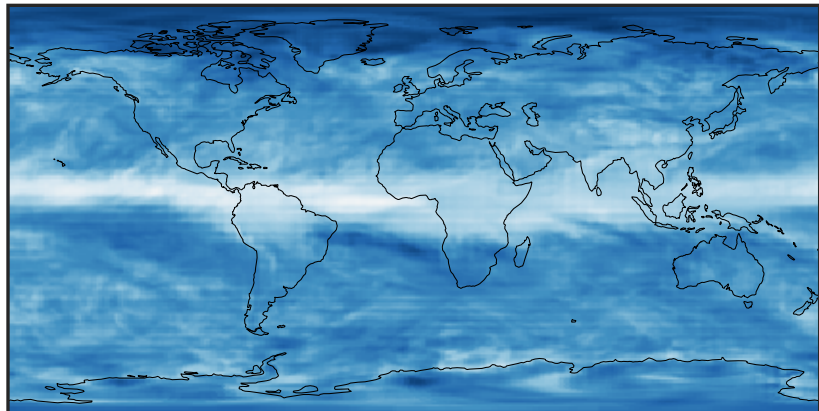
46.96 57.23 67.51 77.78 88.06
ppb

GCHP 14.2.2 using mass flux (Dev)
c180



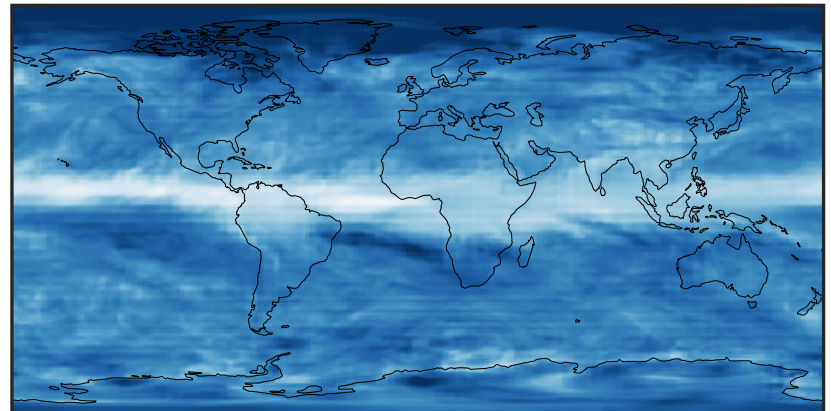
46.96 57.23 67.51 77.78 88.06
ppb

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



-23.72 -11.86 0.00 11.86 23.72
ppb

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



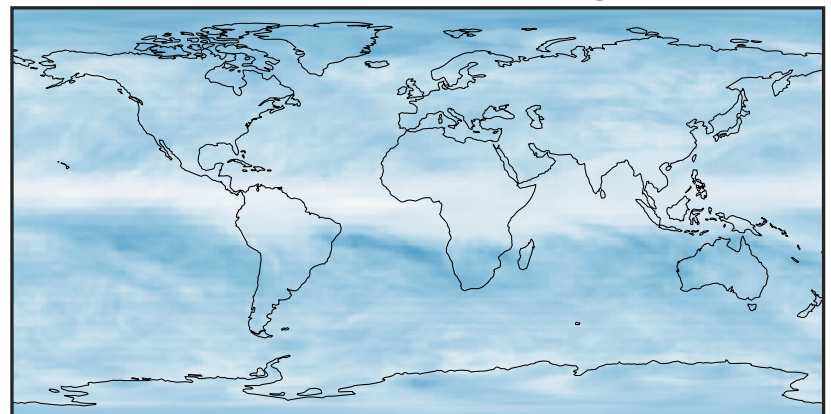
-20.82 -10.41 0.00 10.41 20.82
ppb

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



0.99159 0.99579 1.00000 1.00424 1.00848
unitless

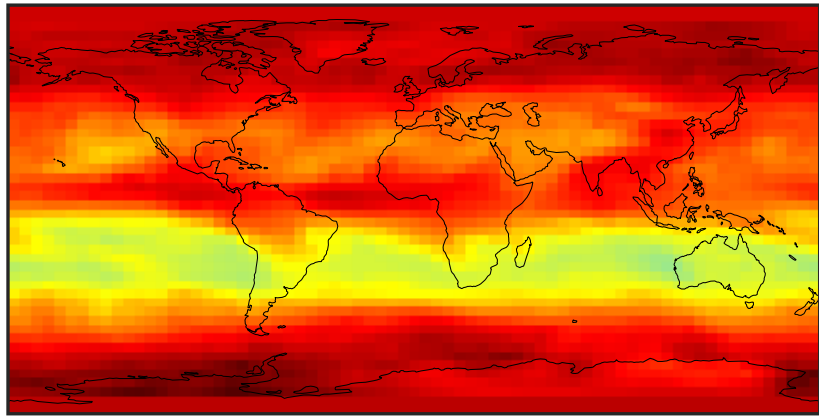
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

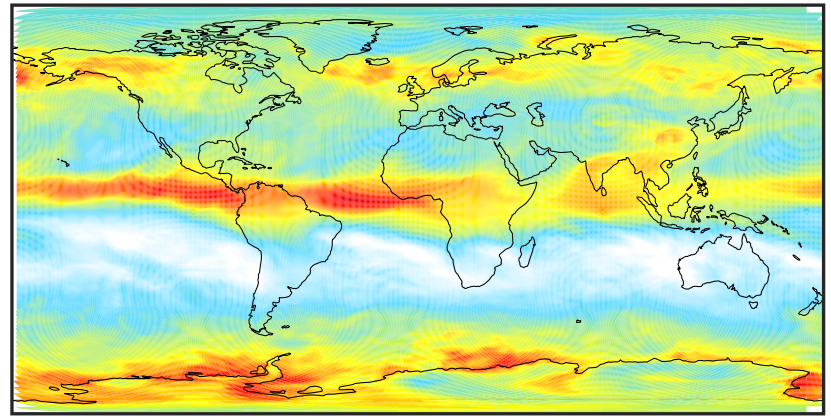
SpeciesConcVV_e90_s (Oct2019)

GCC 14.2.2 (Ref)
4.0x5.0



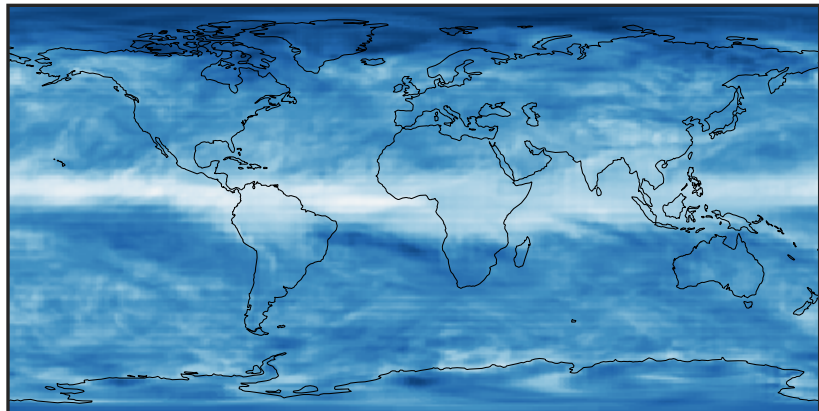
46.96 57.23 67.51 77.78 88.06
ppb

GCHP 14.2.2 using mass flux (Dev)
c180



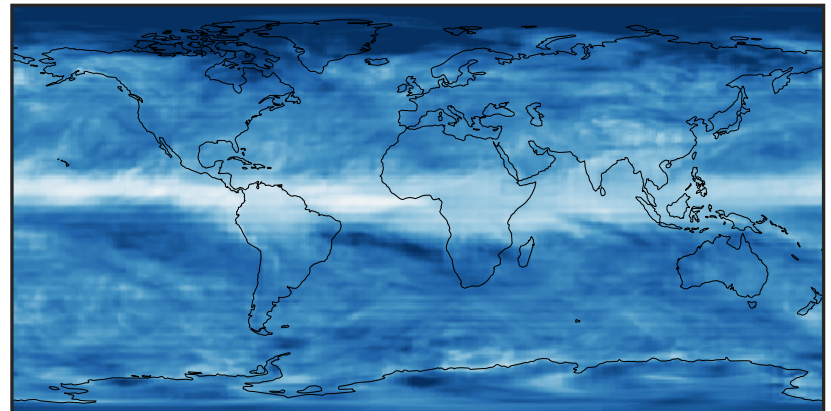
46.96 57.23 67.51 77.78 88.06
ppb

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



-23.72 -11.86 0.00 11.86 23.72
ppb

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



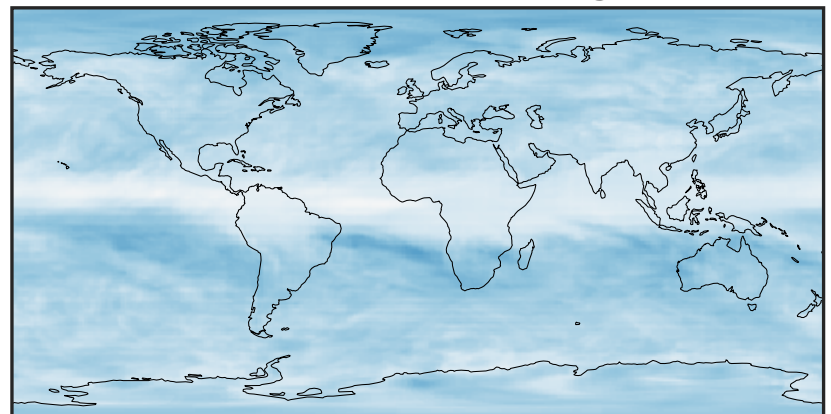
-20.82 -10.41 0.00 10.41 20.82
ppb

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



0.99159 0.99579 1.00000 1.00424 1.00848
unitless

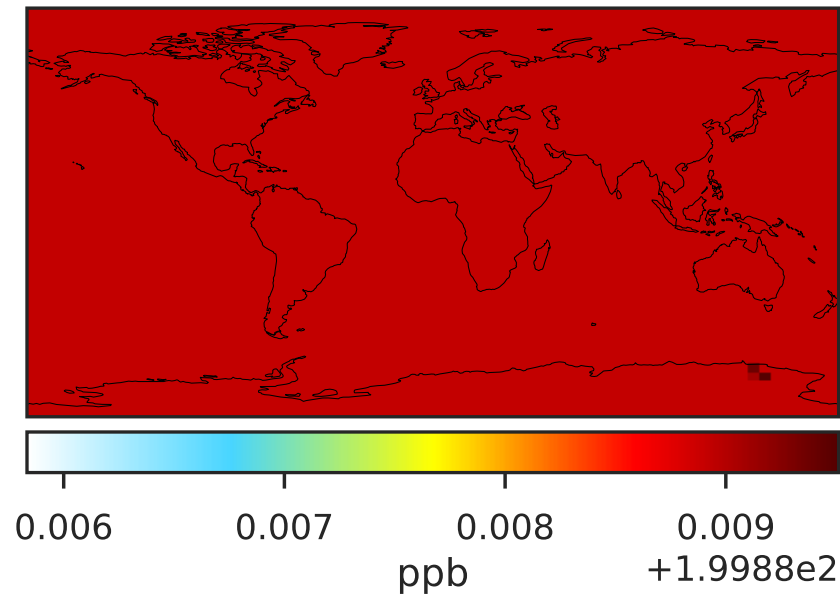
Ratio (1x1.25)
Dev/Ref, Fixed Range



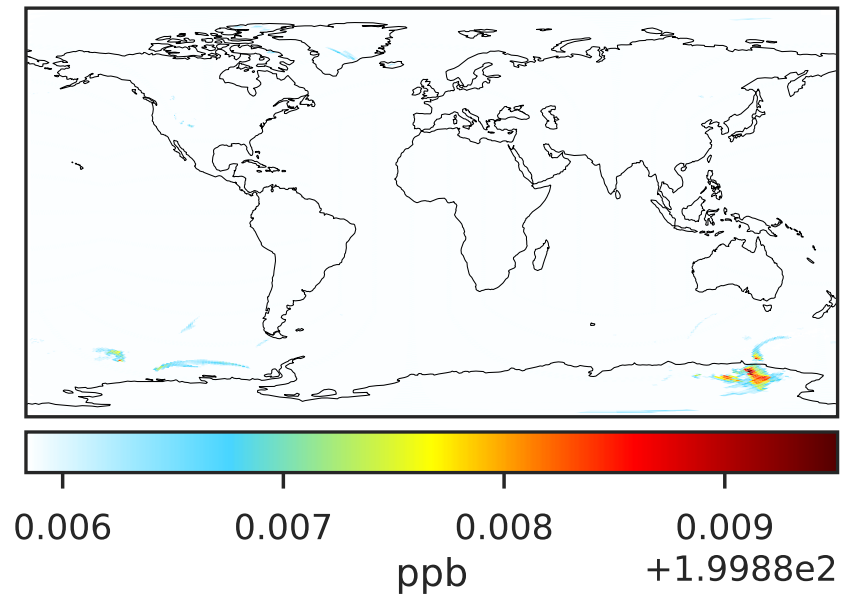
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_st80_25 (Oct2019)

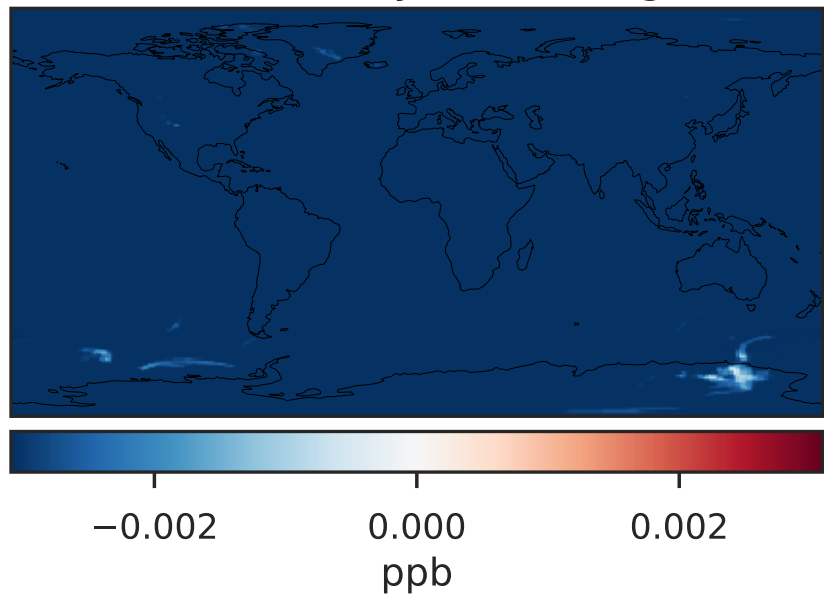
GCC 14.2.2 (Ref)
4.0x5.0



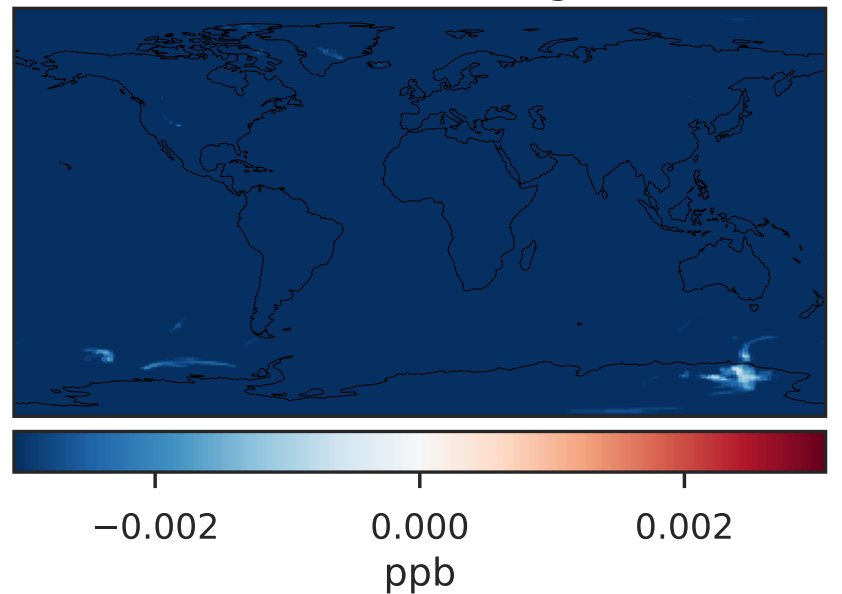
GCHP 14.2.2 using mass flux (Dev)
c180



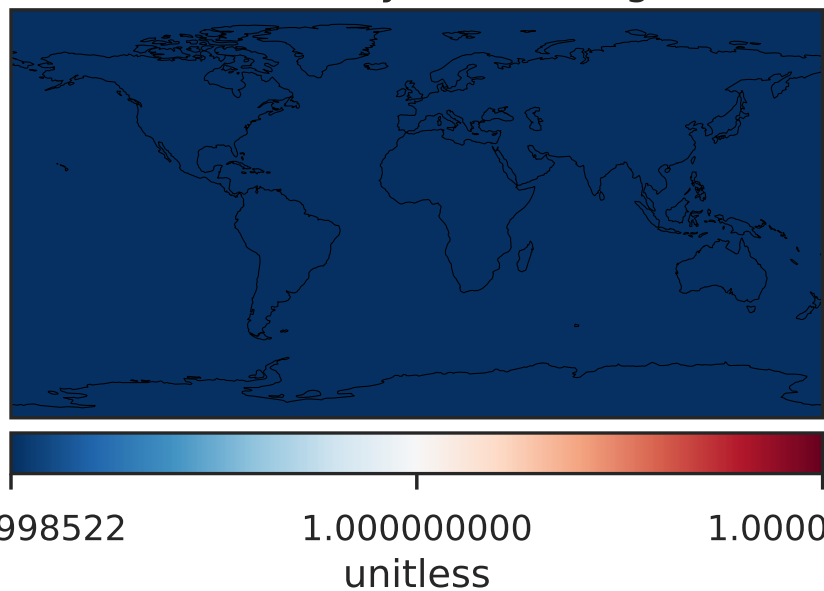
Difference (1x1.25)
Dev - Ref, Dynamic Range



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



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



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

