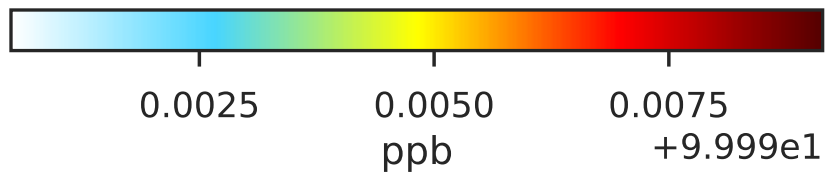
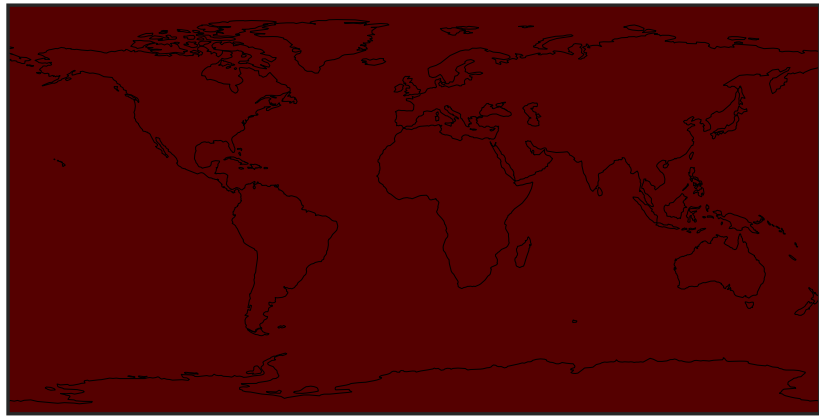
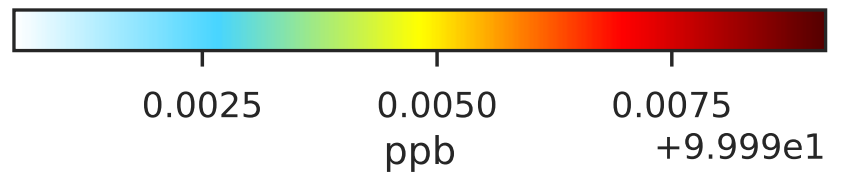
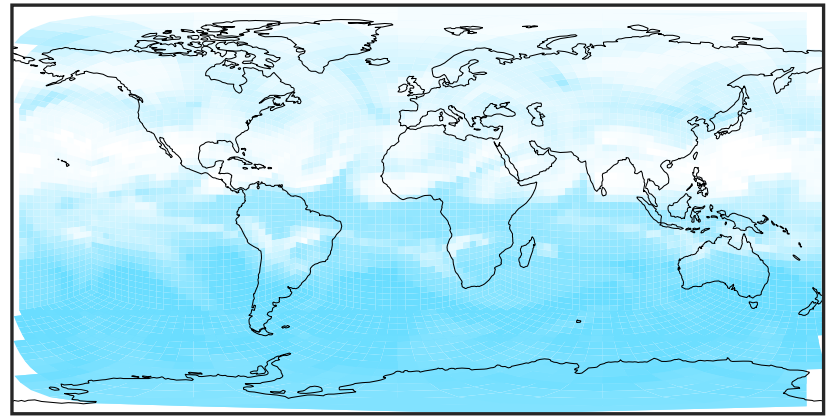


SpeciesConcVV_PassiveTracer (Oct2019)

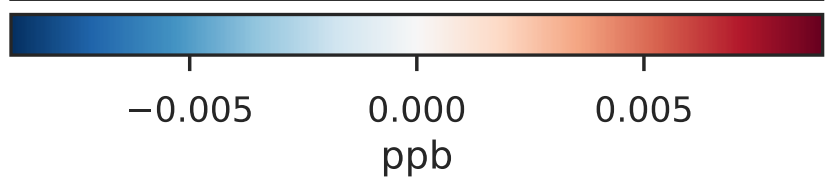
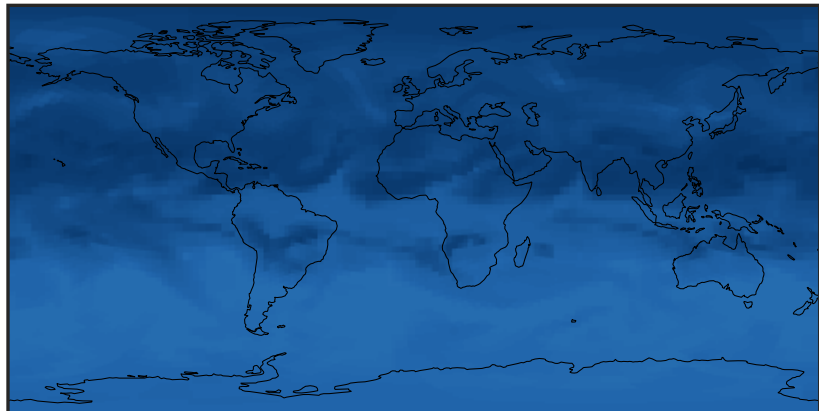
GCC 14.2.2 (Ref)
4.0x5.0



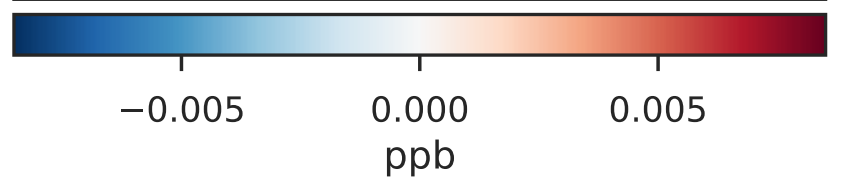
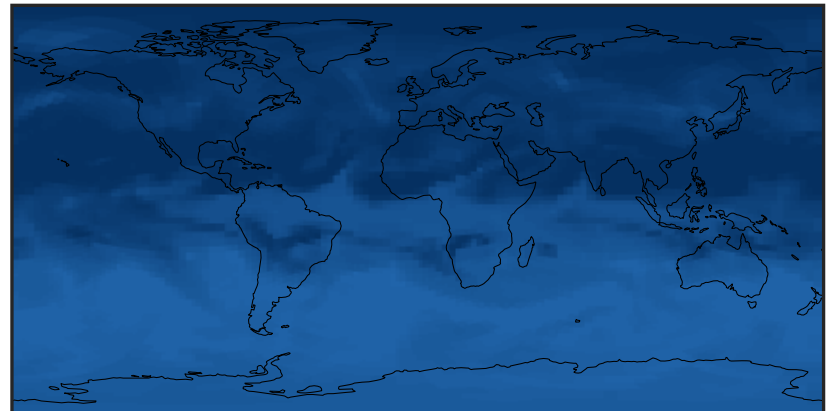
GCHP 14.2.2 using wind (Dev)
c30



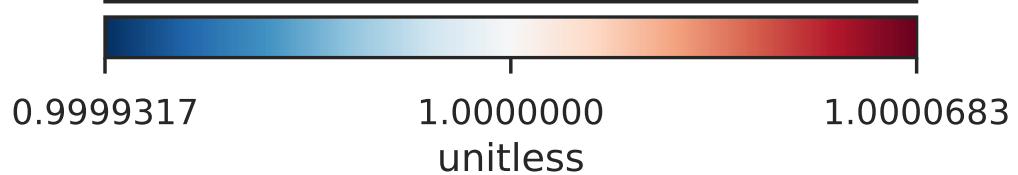
Difference (1x1.25)
Dev - Ref, Dynamic Range



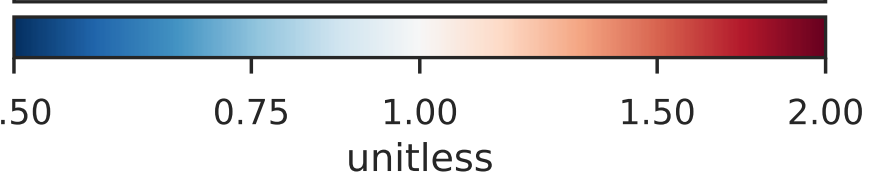
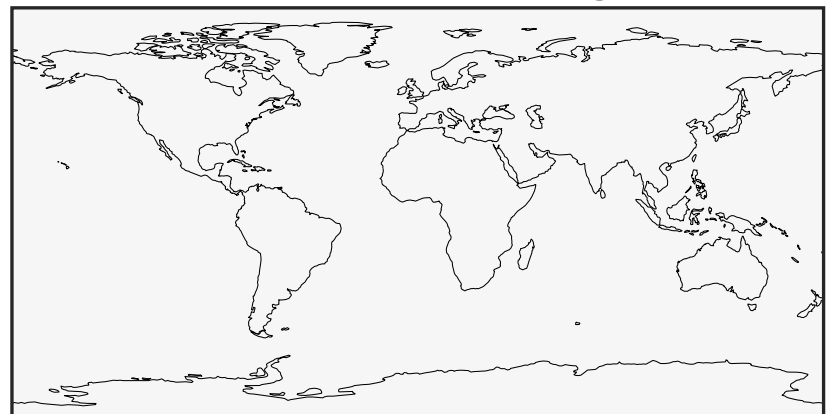
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

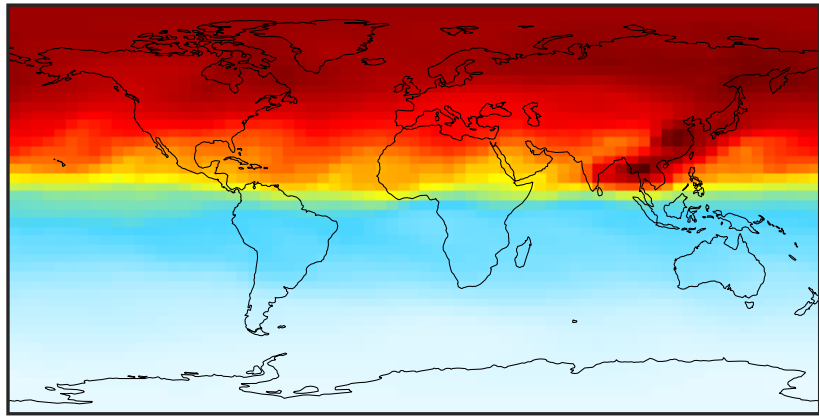


Ratio (1x1.25)
Dev/Ref, Fixed Range



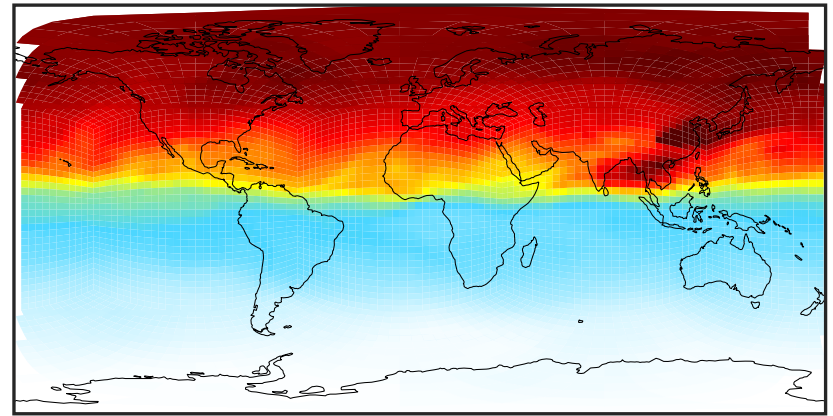
SpeciesConcVV_SF6 (Oct2019)

GCC 14.2.2 (Ref)
4.0x5.0



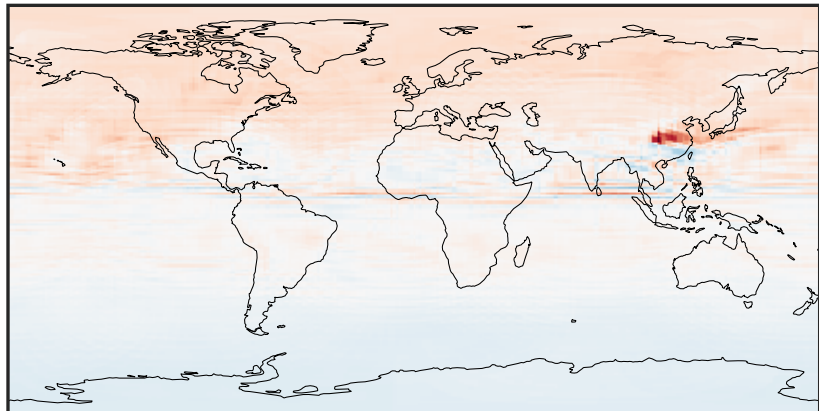
0.0027 0.0028 0.0029 0.0030
ppb

GCHP 14.2.2 using wind (Dev)
c30



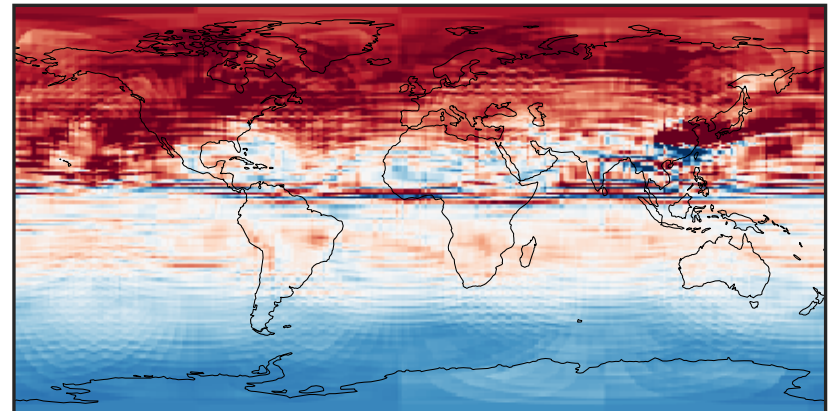
0.0027 0.0028 0.0029 0.0030
ppb

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



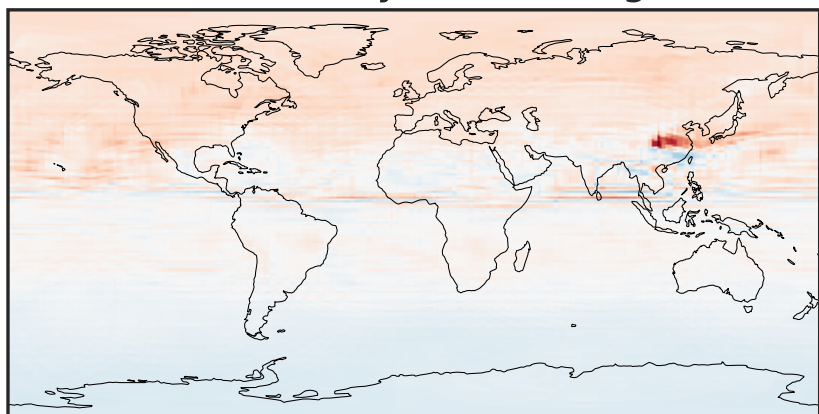
-6 0 6
ppb $1e-5$

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



-1 0 1
ppb $1e-5$

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



0.96454 0.98227 1.00000 1.01838 1.03676
unitless

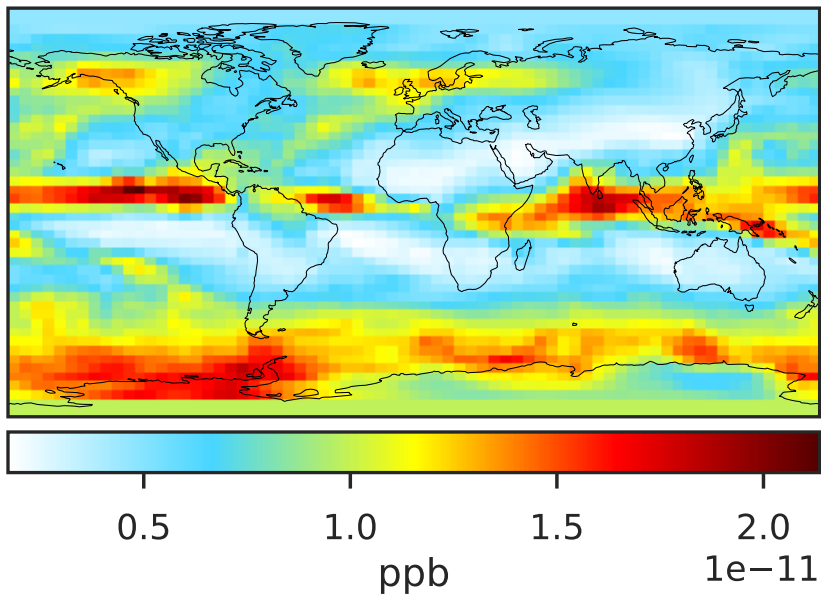
Ratio (1x1.25)
Dev/Ref, Fixed Range



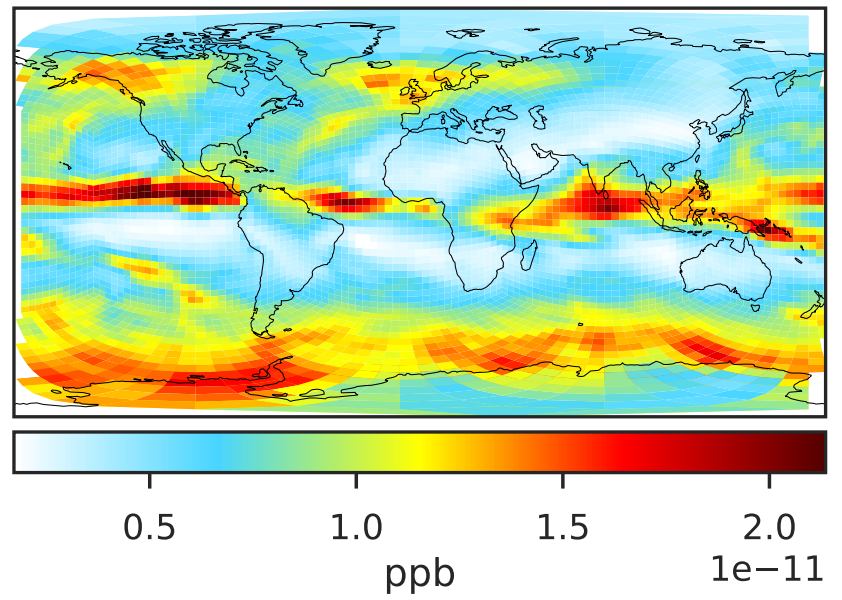
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_CH3I (Oct2019)

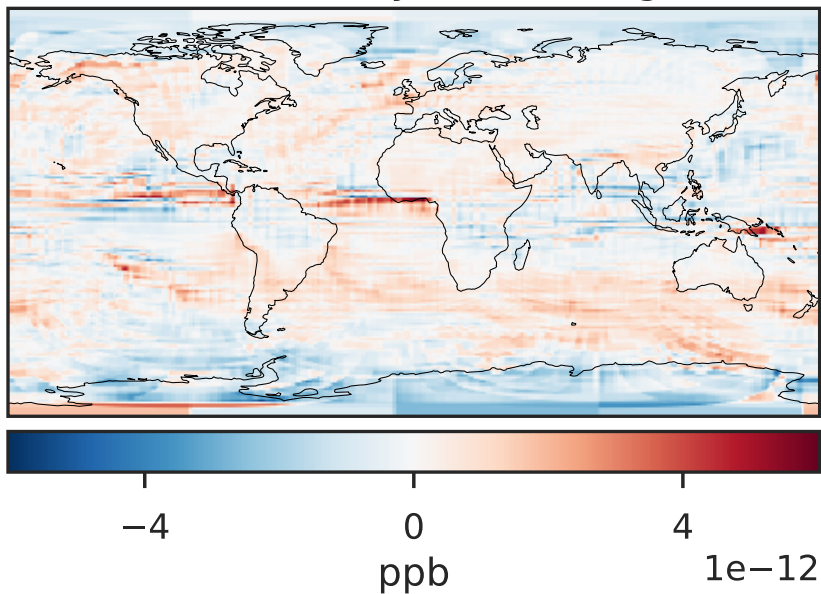
GCC 14.2.2 (Ref)
4.0x5.0



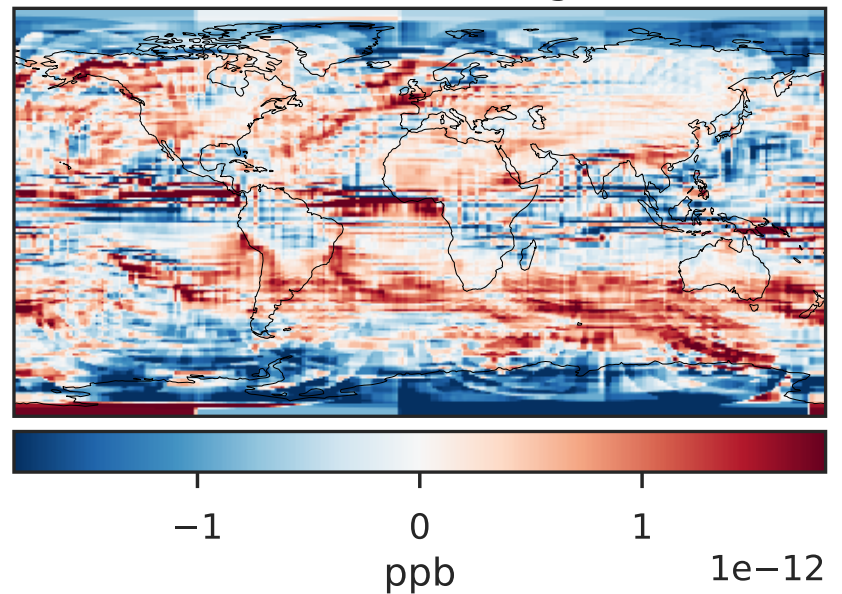
GCHP 14.2.2 using wind (Dev)
c30



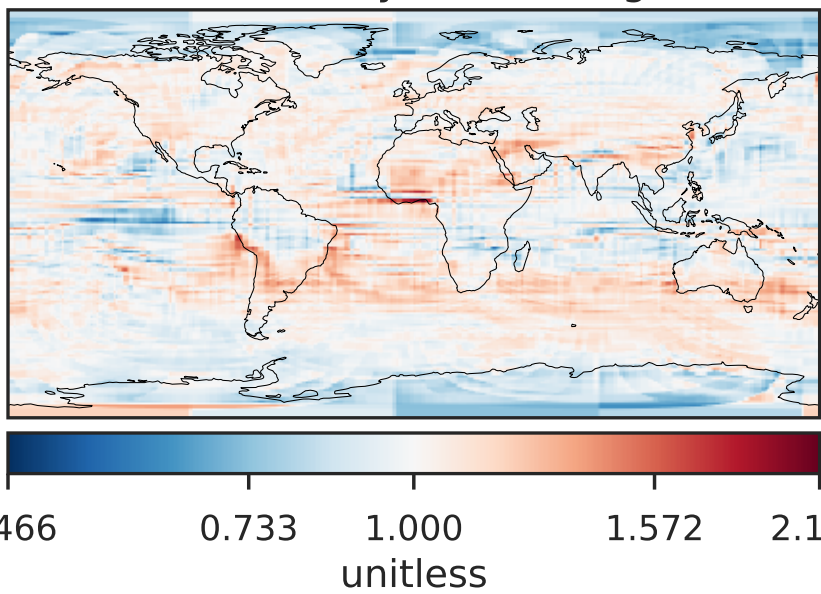
Difference (1x1.25)
Dev - Ref, Dynamic Range



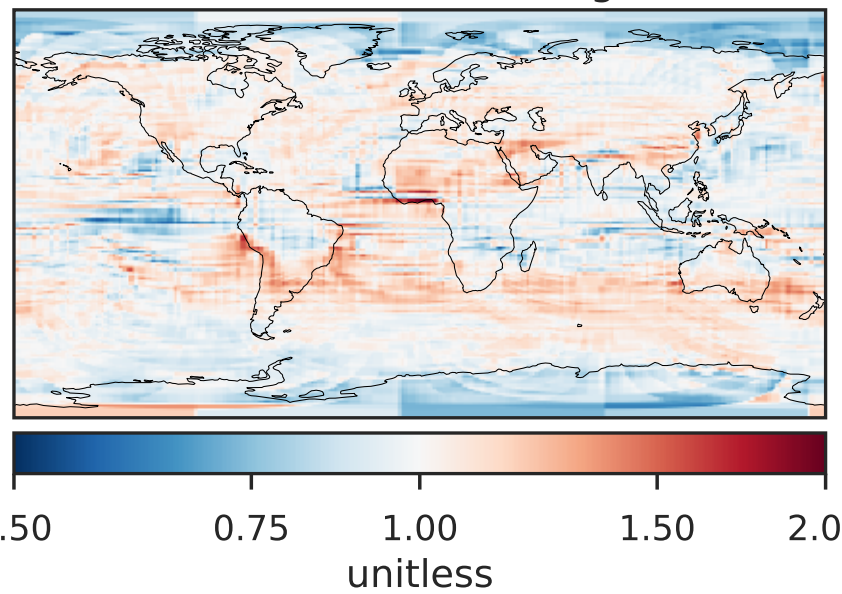
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

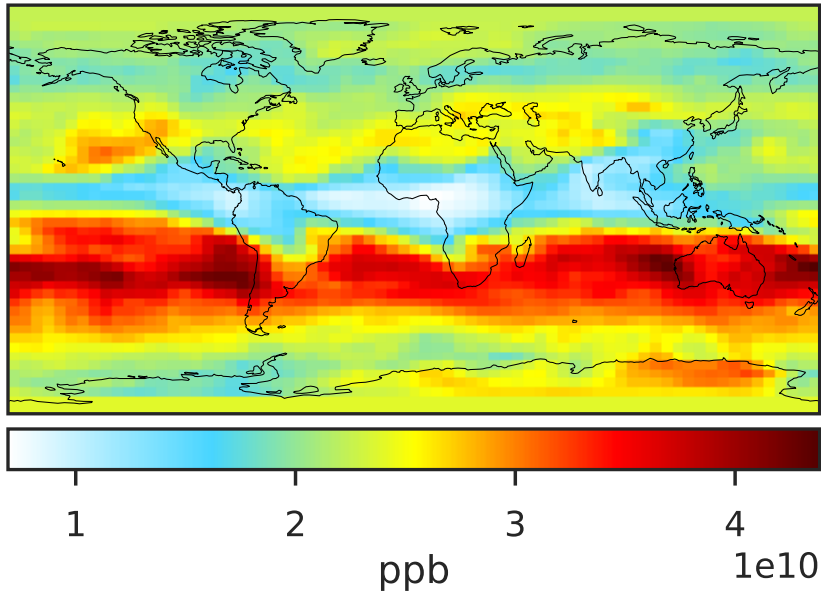


Ratio (1x1.25)
Dev/Ref, Fixed Range

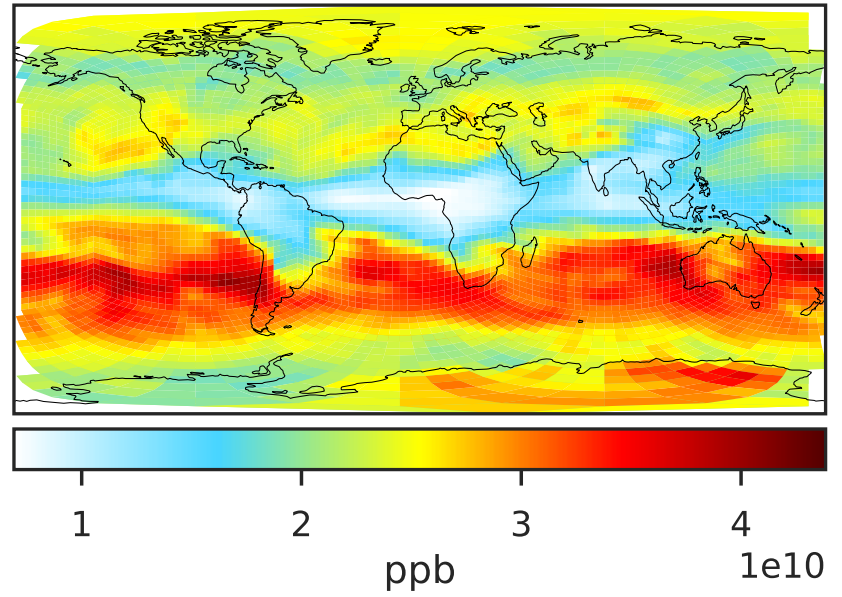


SpeciesConcVV_aoa (Oct2019)

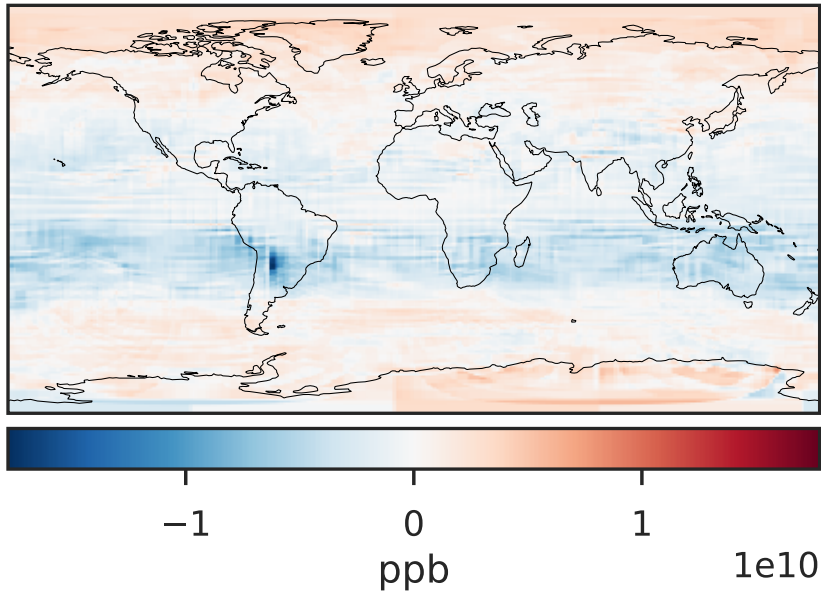
GCC 14.2.2 (Ref)
4.0x5.0



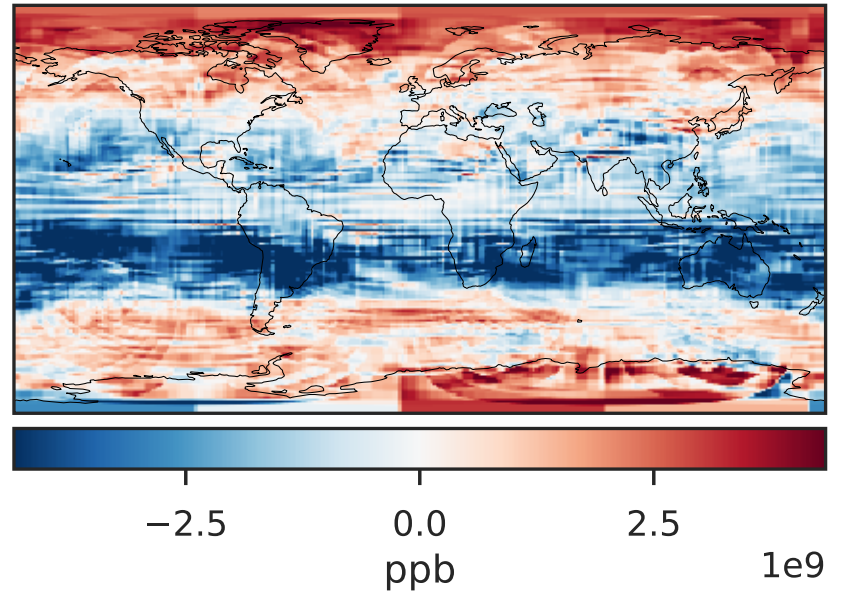
GCHP 14.2.2 using wind (Dev)
c30



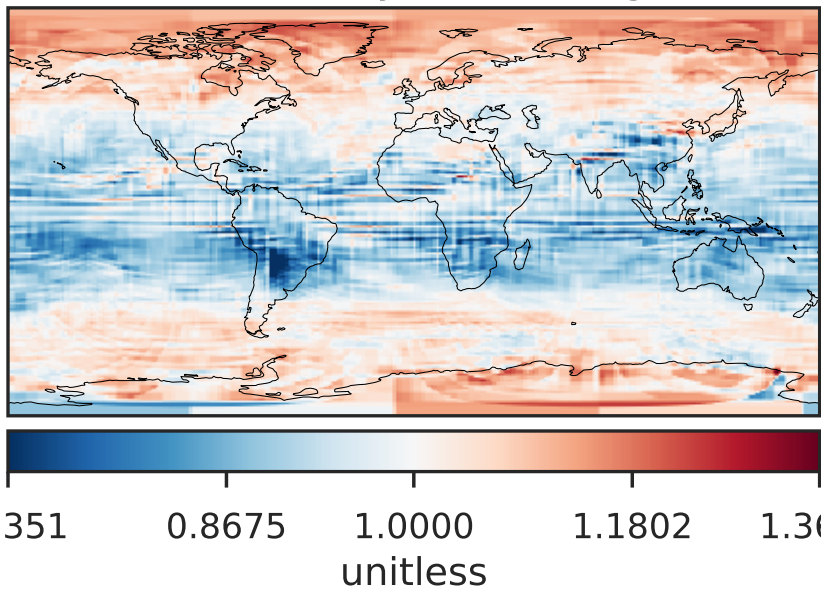
Difference (1x1.25)
Dev - Ref, Dynamic Range



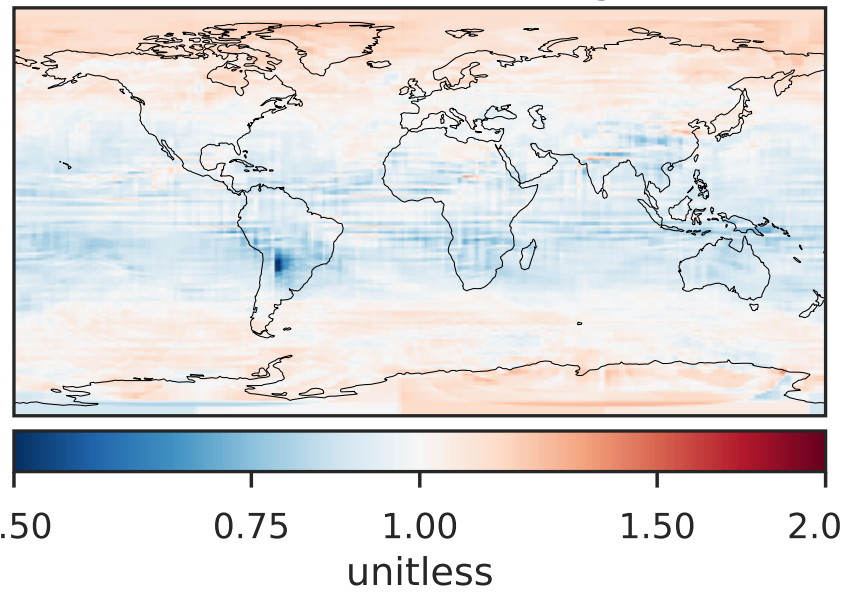
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

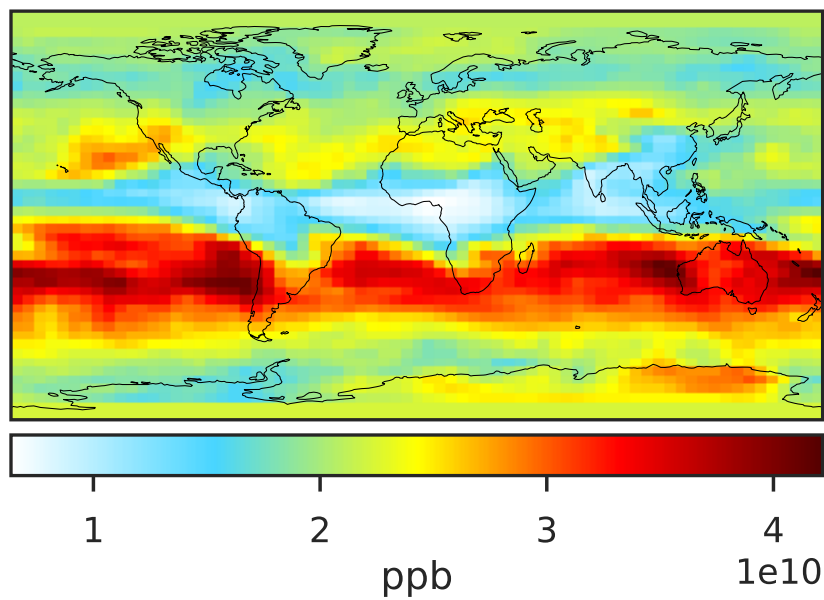


Ratio (1x1.25)
Dev/Ref, Fixed Range

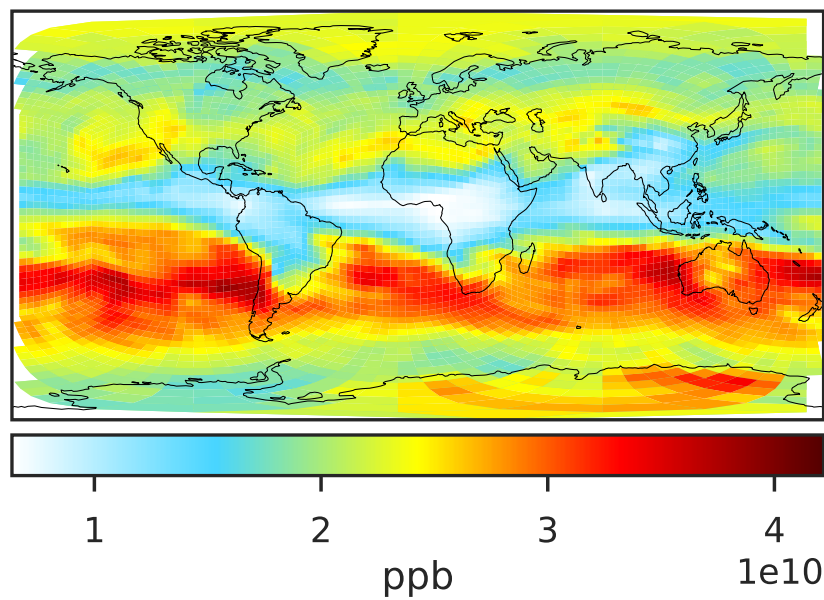


SpeciesConcVV_aoa_bl (Oct2019)

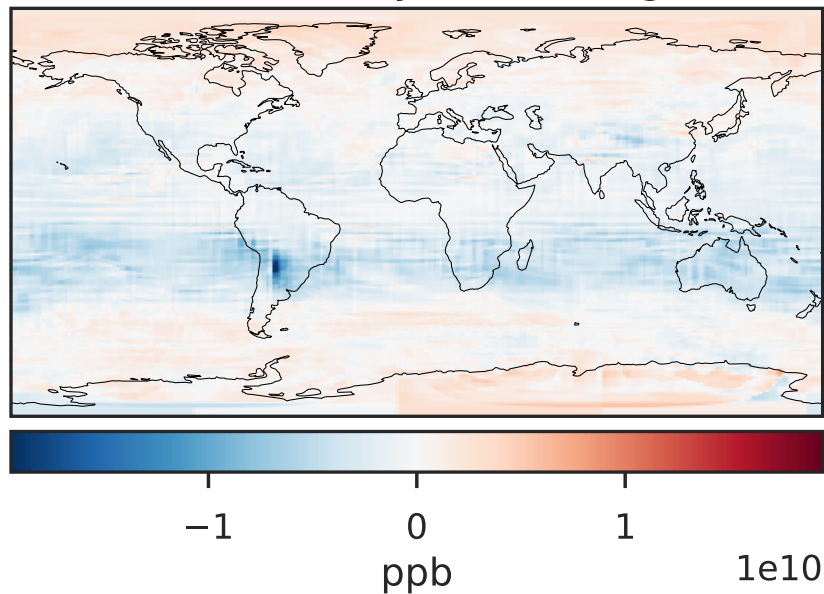
GCC 14.2.2 (Ref)
4.0x5.0



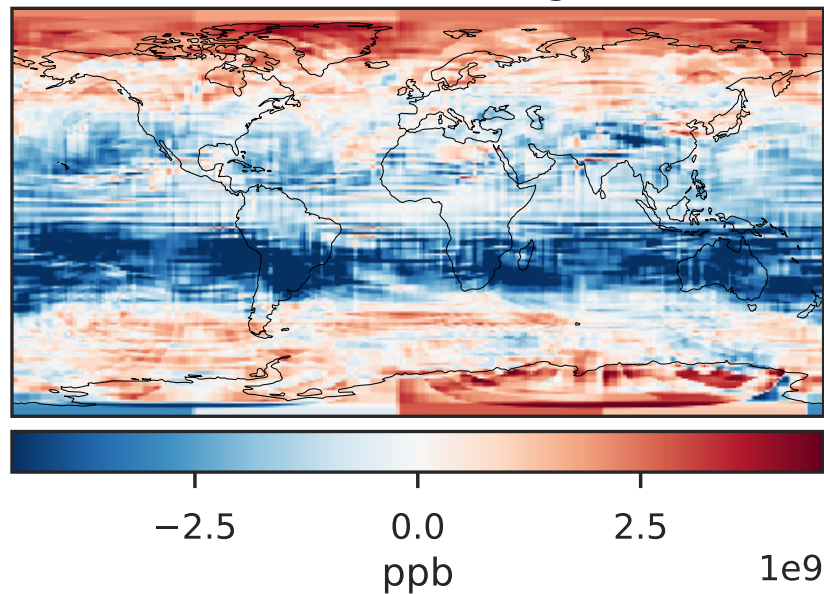
GCHP 14.2.2 using wind (Dev)
c30



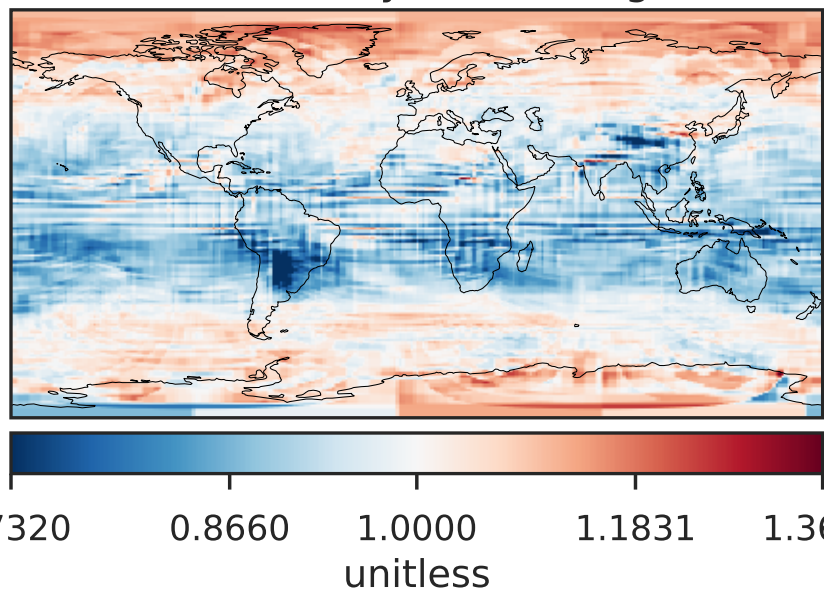
Difference (1x1.25)
Dev - Ref, Dynamic Range



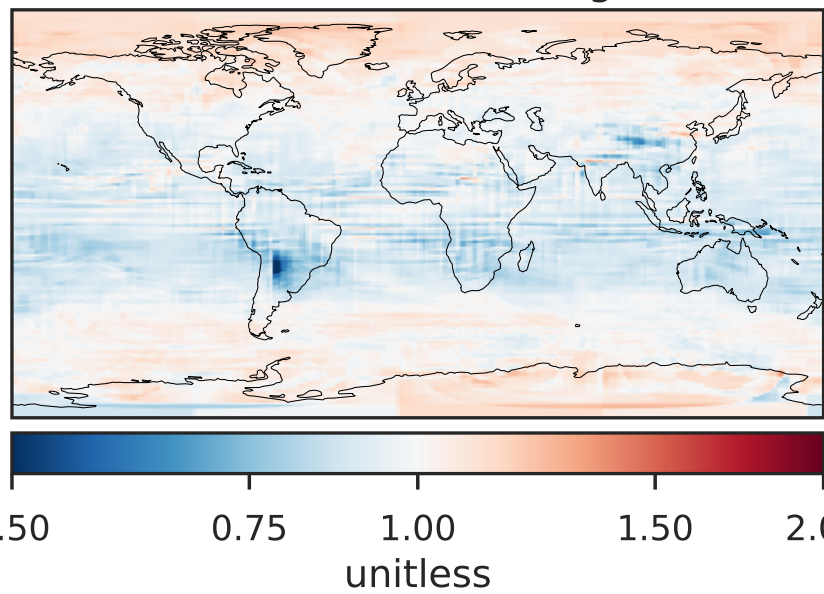
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

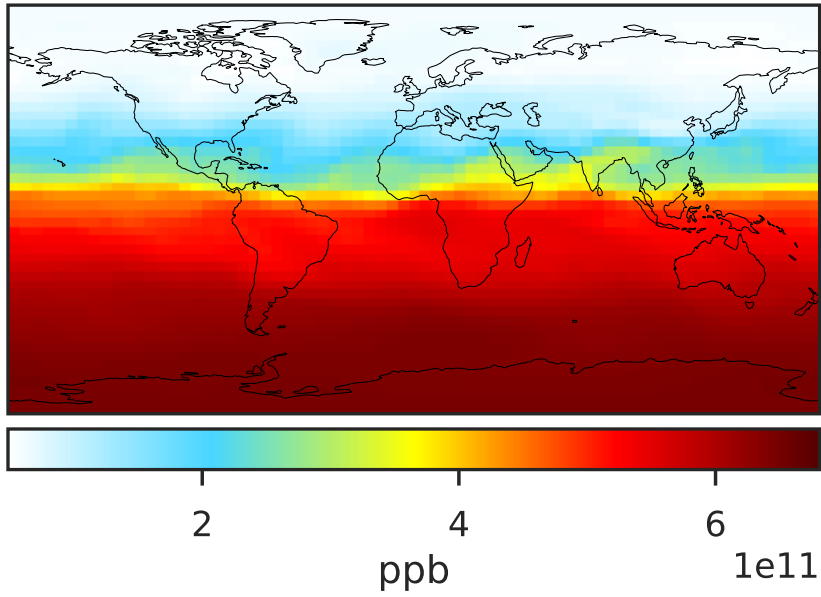


Ratio (1x1.25)
Dev/Ref, Fixed Range

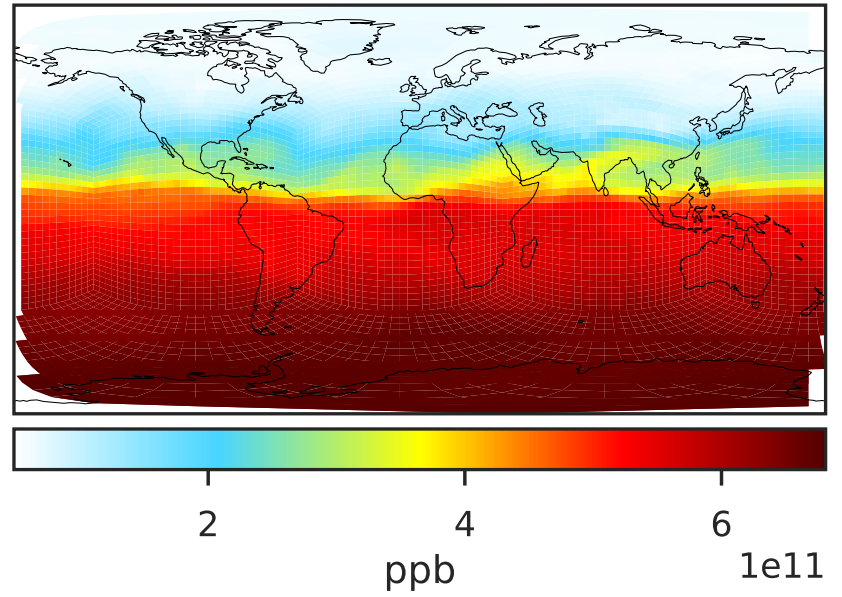


SpeciesConcVW_aoa_nh (Oct2019)

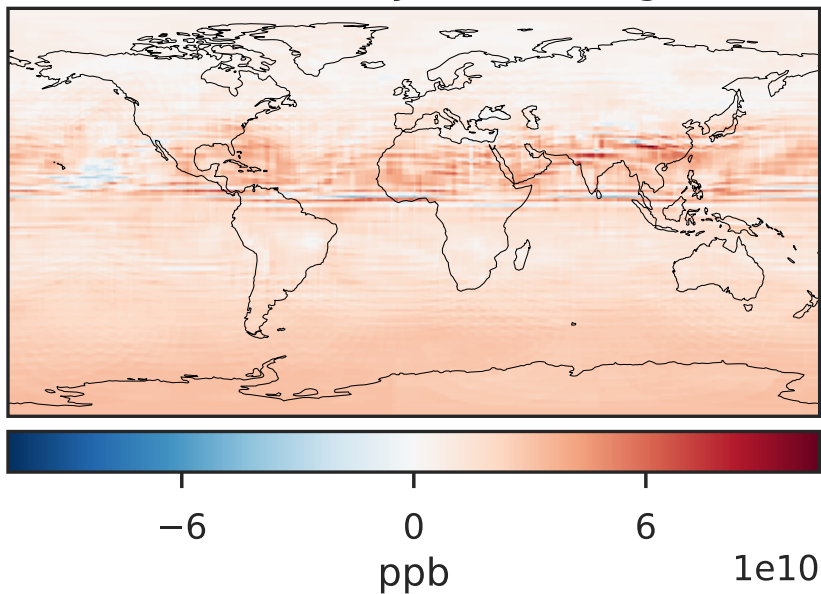
GCC 14.2.2 (Ref)
4.0x5.0



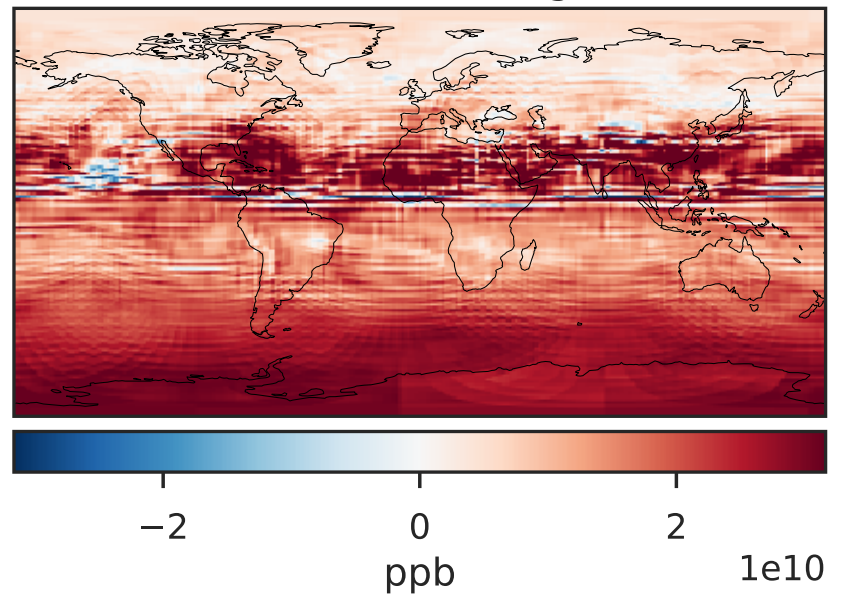
GCHP 14.2.2 using wind (Dev)
c30



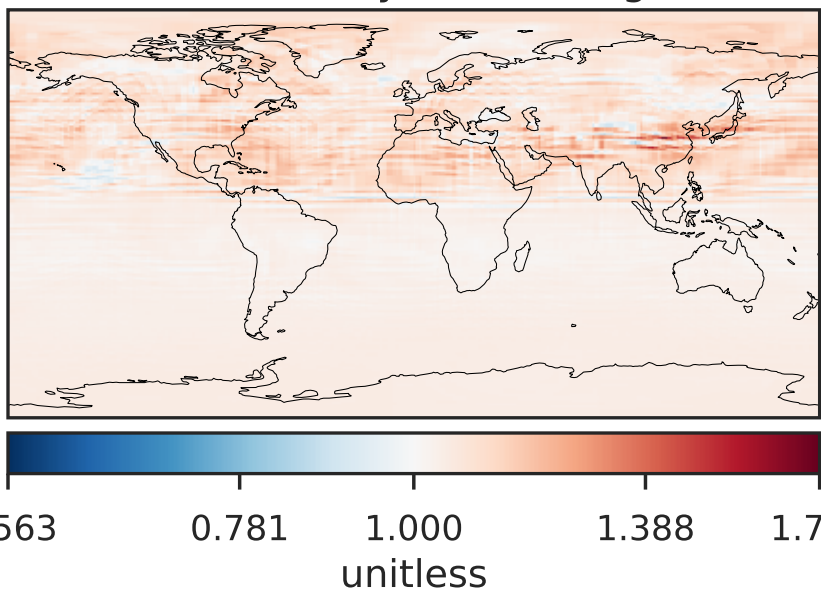
Difference (1x1.25)
Dev - Ref, Dynamic Range



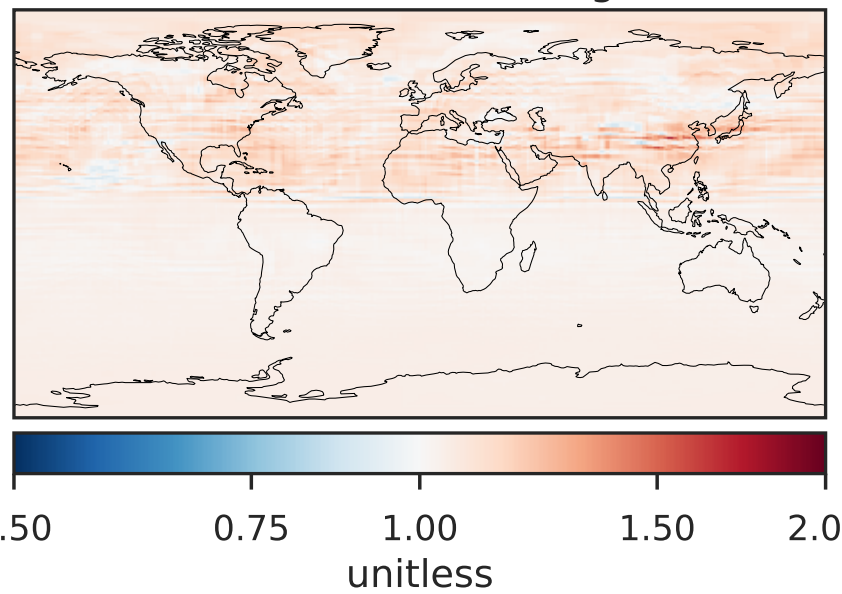
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

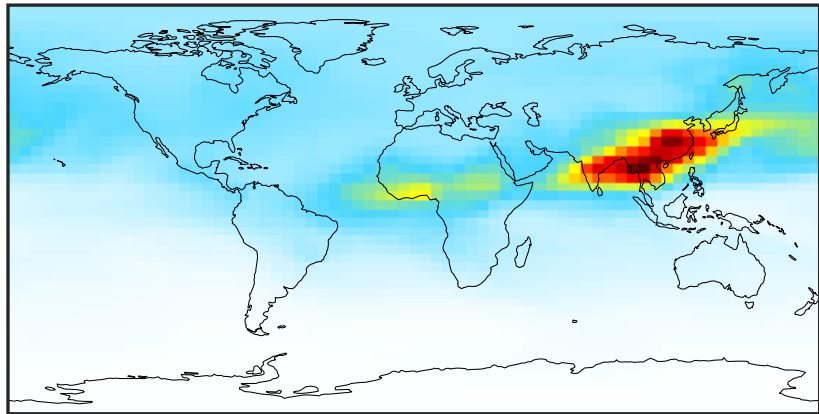


Ratio (1x1.25)
Dev/Ref, Fixed Range



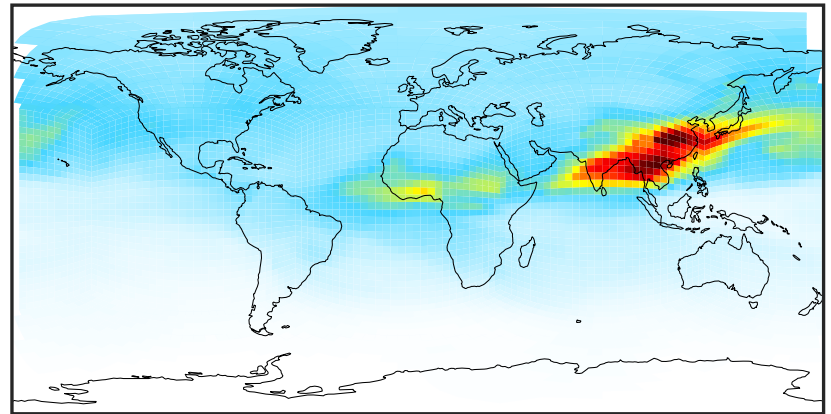
SpeciesConcVV_CO_25 (Oct2019)

GCC 14.2.2 (Ref)
4.0x5.0



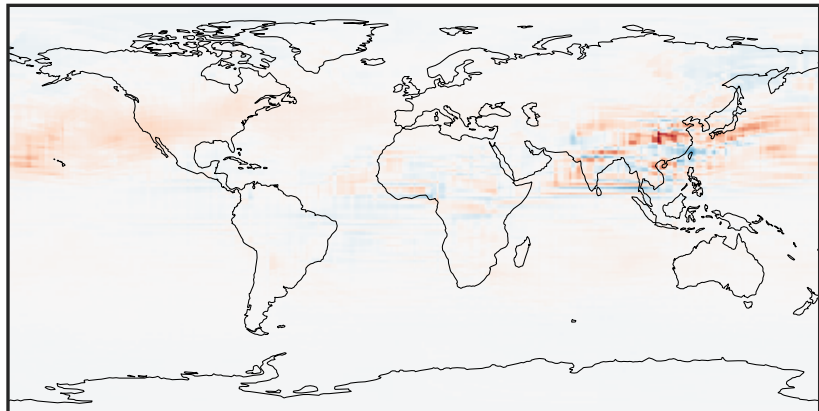
0.83 12.85 24.88 36.90 48.93
ppb

GCHP 14.2.2 using wind (Dev)
c30



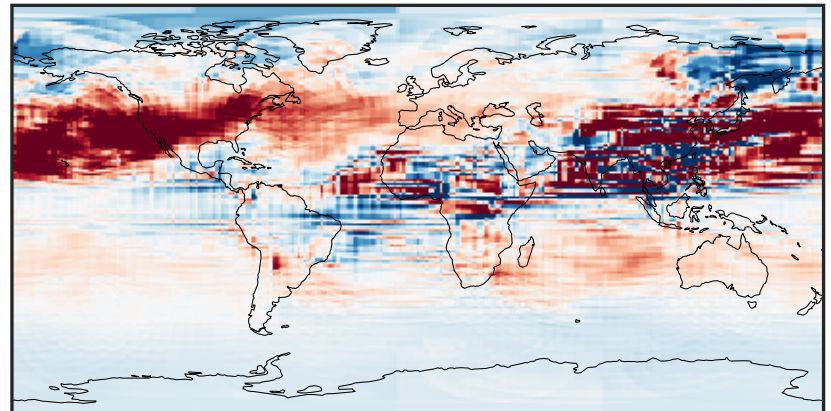
0.83 12.85 24.88 36.90 48.93
ppb

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



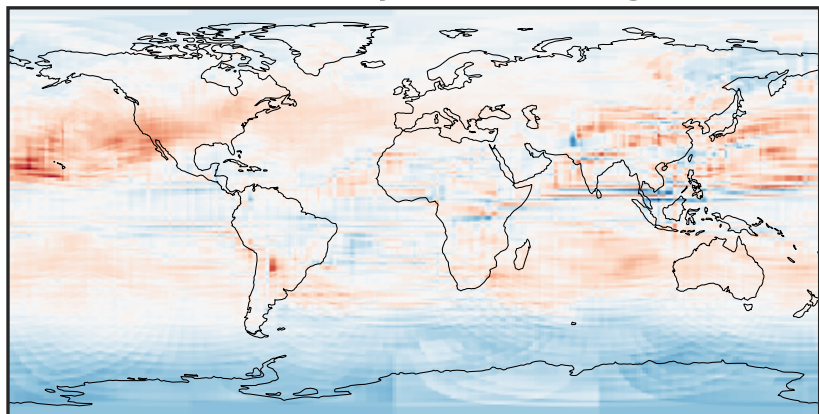
-14.45 -7.22 0.00 7.22 14.45
ppb

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



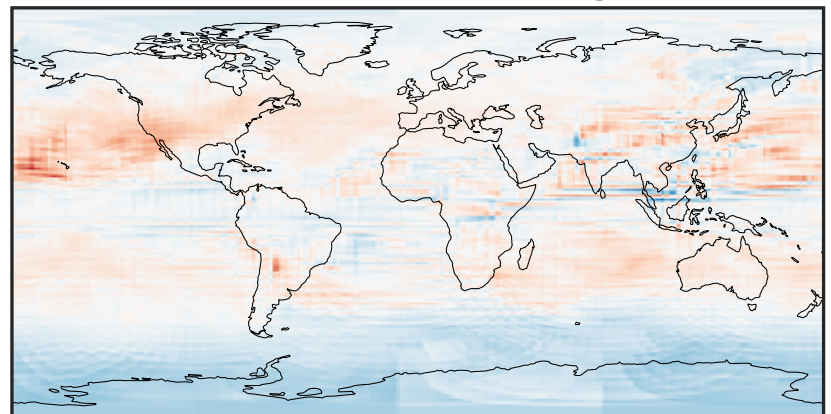
-1.382 -0.691 0.000 0.691 1.382
ppb

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



0.574 0.787 1.000 1.371 1.742
unitless

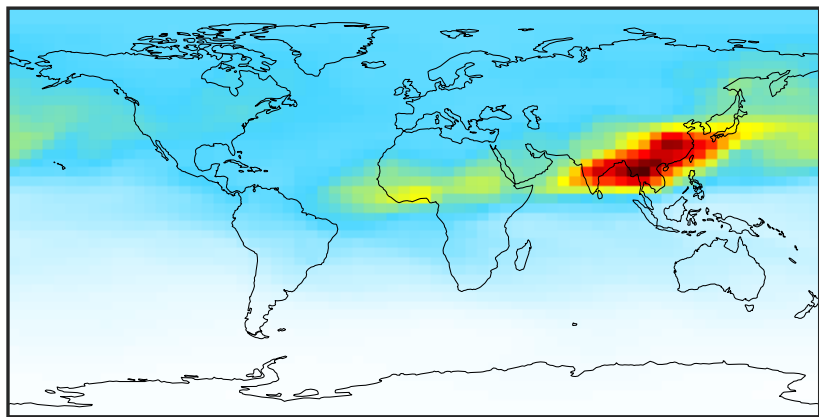
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

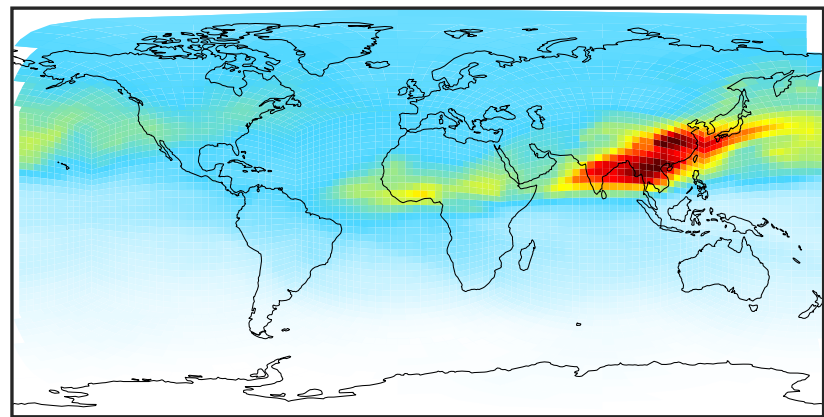
SpeciesConcVV_CO_50 (Oct2019)

GCC 14.2.2 (Ref)
4.0x5.0



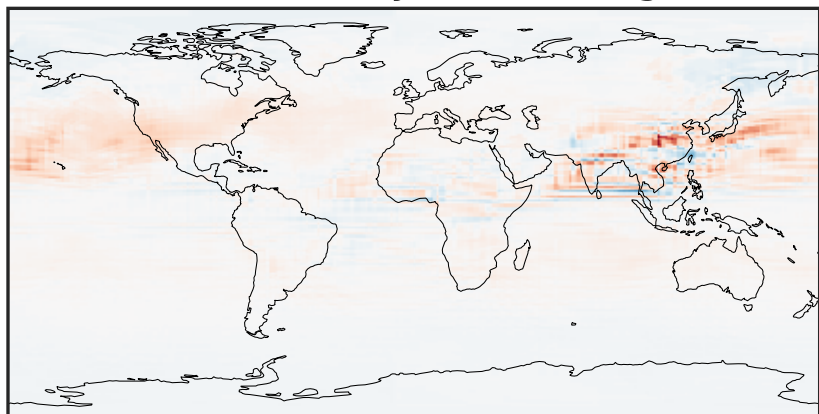
3.24 20.30 37.37 54.44 71.50
ppb

GCHP 14.2.2 using wind (Dev)
c30



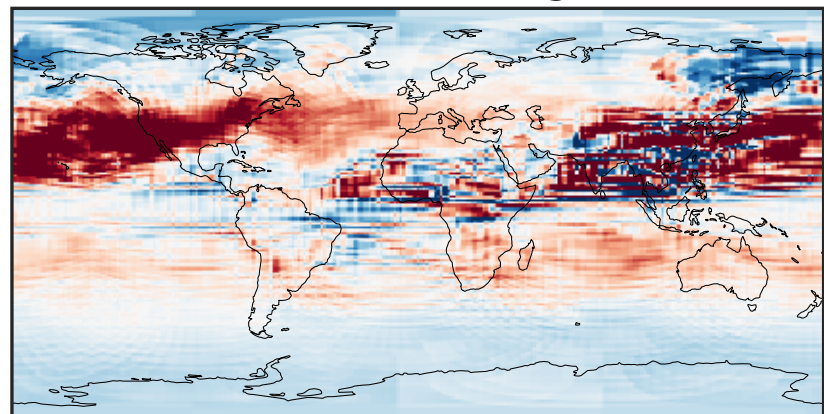
3.24 20.30 37.37 54.44 71.50
ppb

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



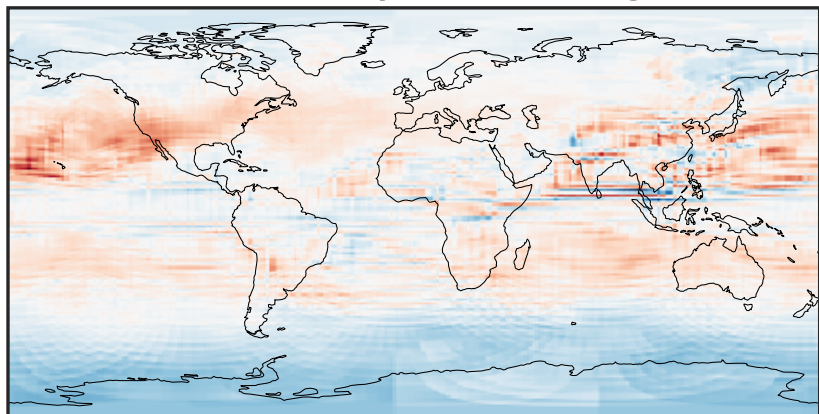
-17.64 -8.82 0.00 8.82 17.64
ppb

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



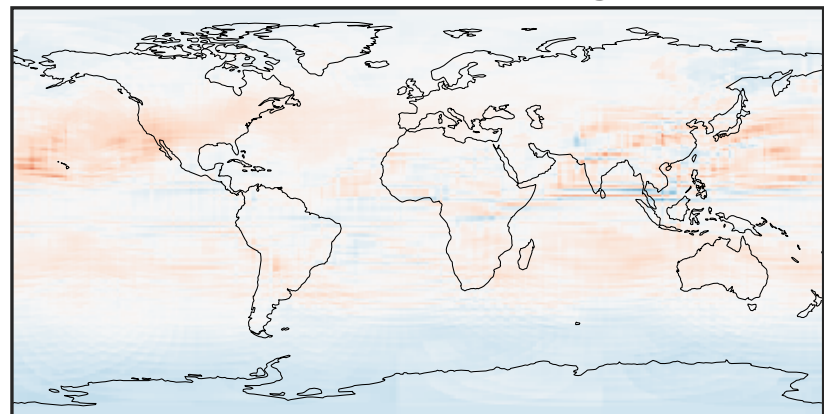
-1.985 -0.993 0.000 0.993 1.985
ppb

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



0.6967 0.8484 1.000 1.2176 1.4353
unitless

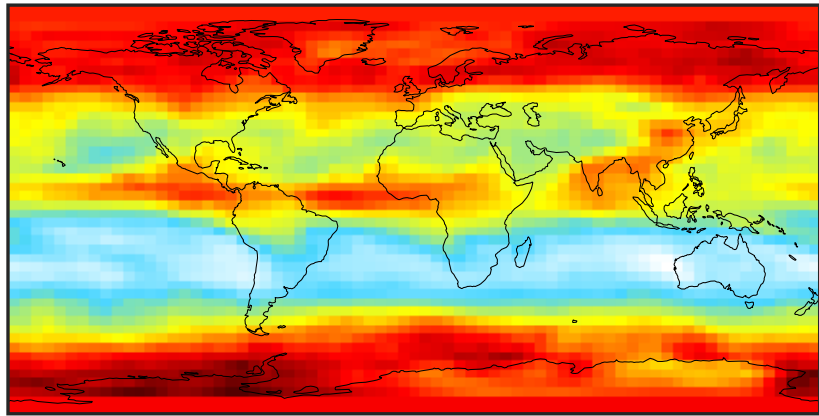
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

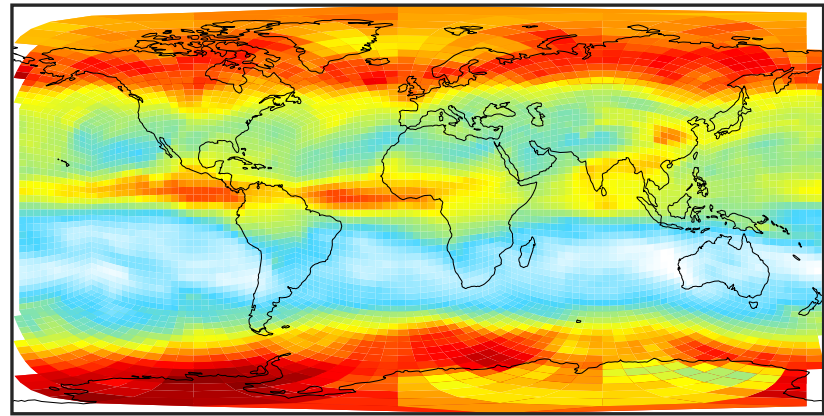
SpeciesConcVV_e90 (Oct2019)

GCC 14.2.2 (Ref)
4.0x5.0



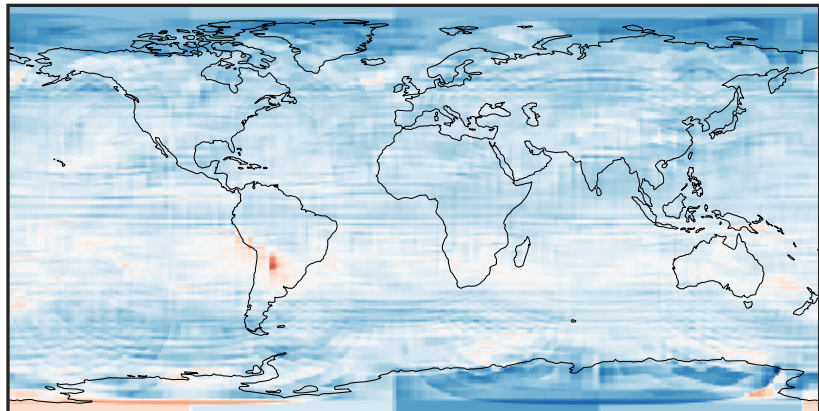
61.95 68.48 75.00 81.53 88.06
ppb

GCHP 14.2.2 using wind (Dev)
c30



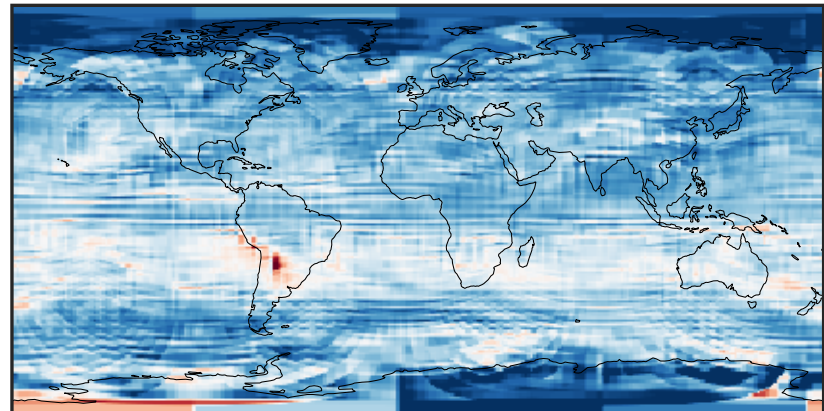
61.95 68.48 75.00 81.53 88.06
ppb

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



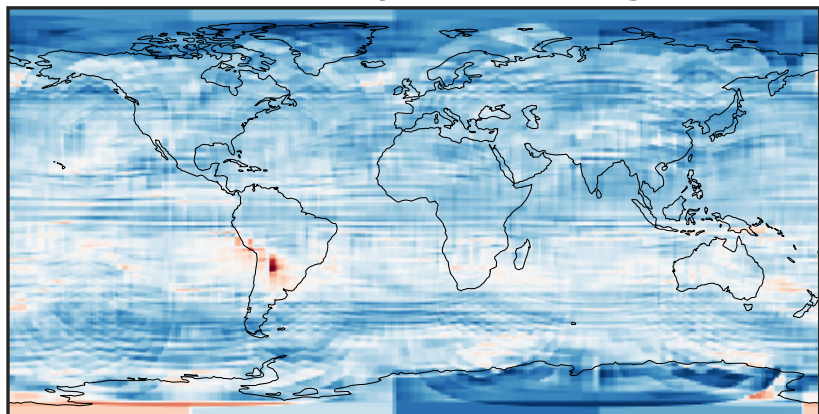
-7.54 -3.77 0.00 3.77 7.54
ppb

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



-4.06 -2.03 0.00 2.03 4.06
ppb

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



0.9332 0.9666 1.0000 1.0358 1.0716
unitless

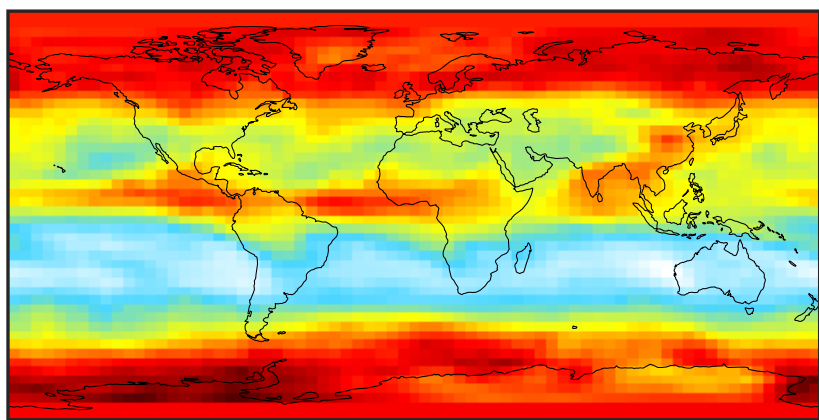
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

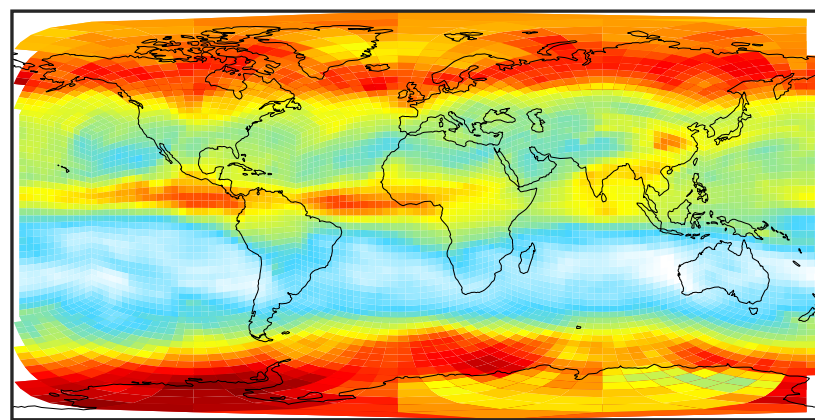
SpeciesConcVV_e90_n (Oct2019)

GCC 14.2.2 (Ref)
4.0x5.0



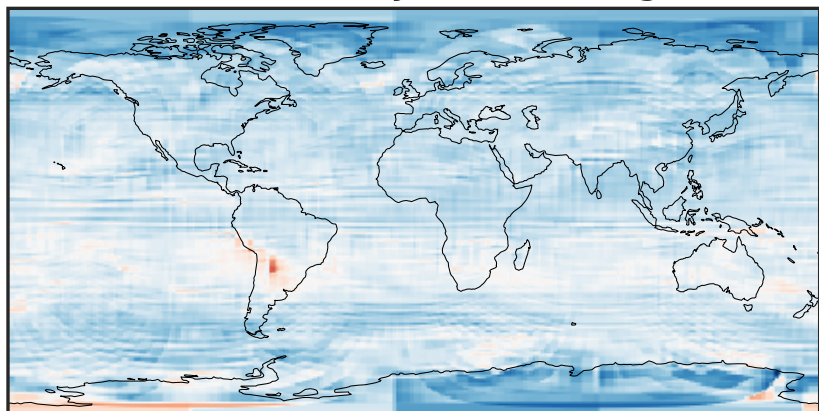
61.95 68.48 75.00 81.53 88.06
ppb

GCHP 14.2.2 using wind (Dev)
c30



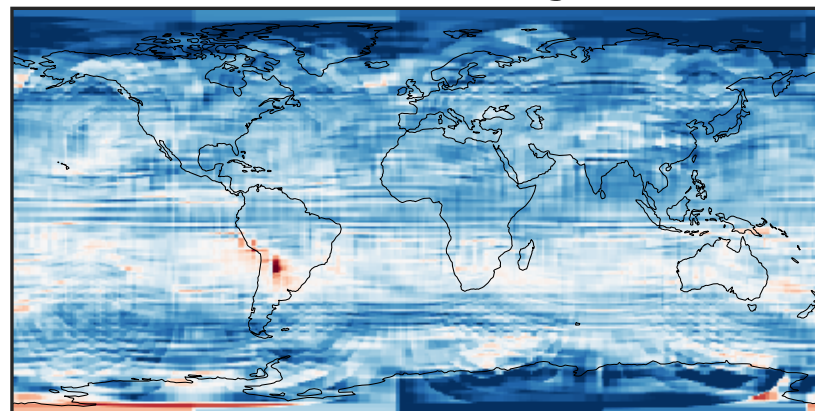
61.95 68.48 75.00 81.53 88.06
ppb

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



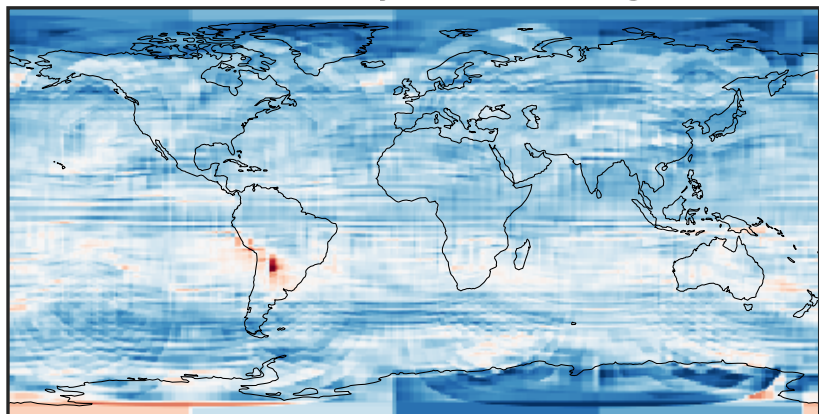
-7.54 -3.77 0.00 3.77 7.54
ppb

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



-4.06 -2.03 0.00 2.03 4.06
ppb

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



0.9332 0.9666 1.0000 1.0358 1.0716
unitless

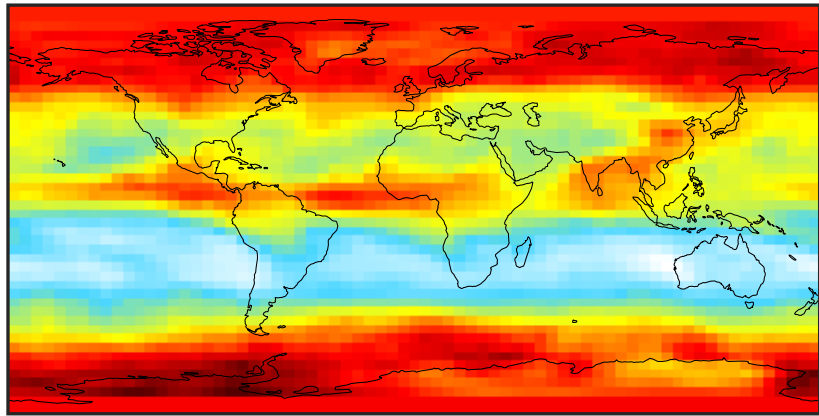
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

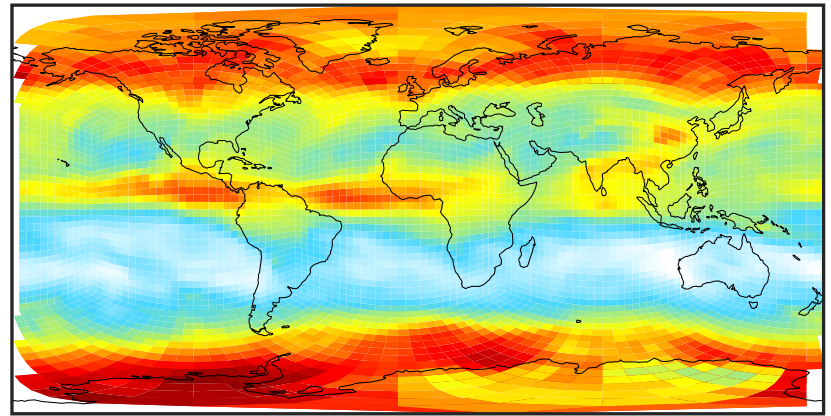
SpeciesConcVV_e90_s (Oct2019)

GCC 14.2.2 (Ref)
4.0x5.0



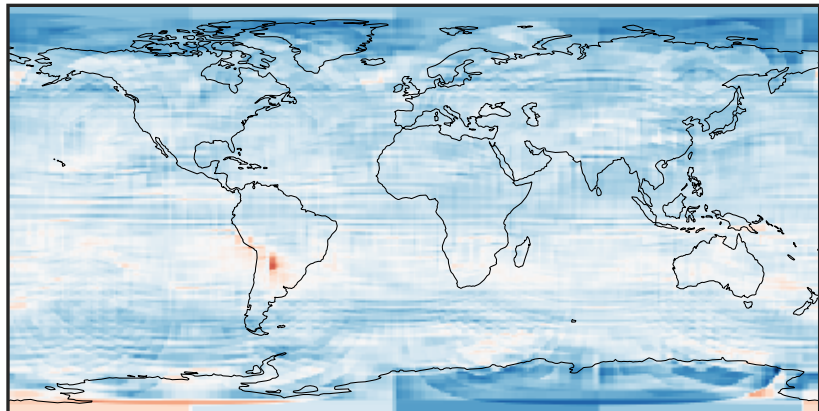
61.95 68.48 75.00 81.53 88.06
ppb

GCHP 14.2.2 using wind (Dev)
c30



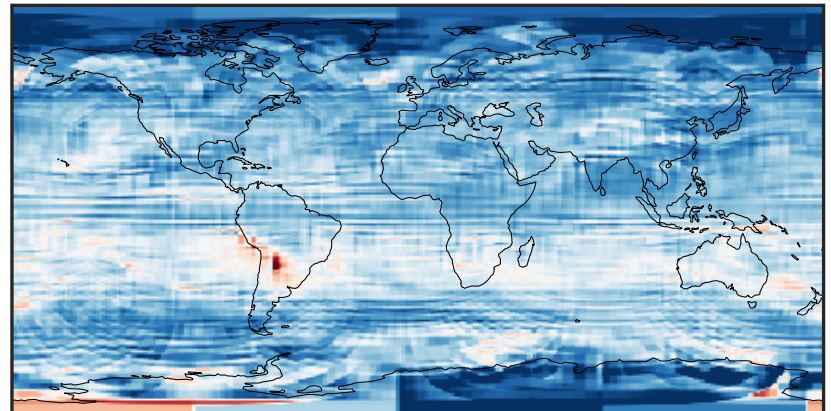
61.95 68.48 75.00 81.53 88.06
ppb

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



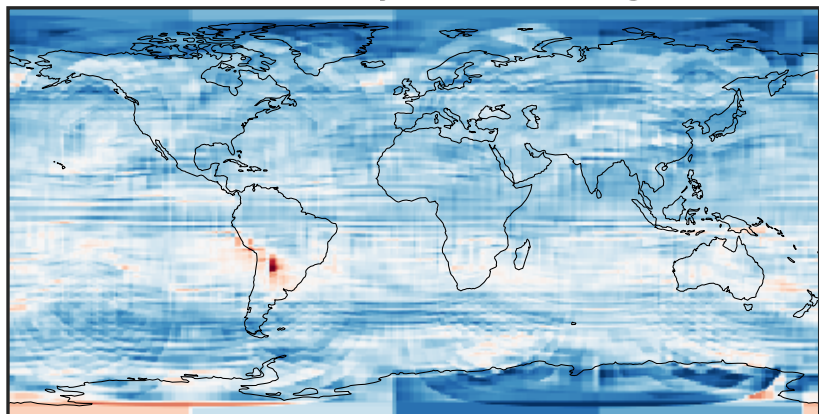
-7.54 -3.77 0.00 3.77 7.54
ppb

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



-4.06 -2.03 0.00 2.03 4.06
ppb

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



0.9332 0.9666 1.0000 1.0358 1.0716
unitless

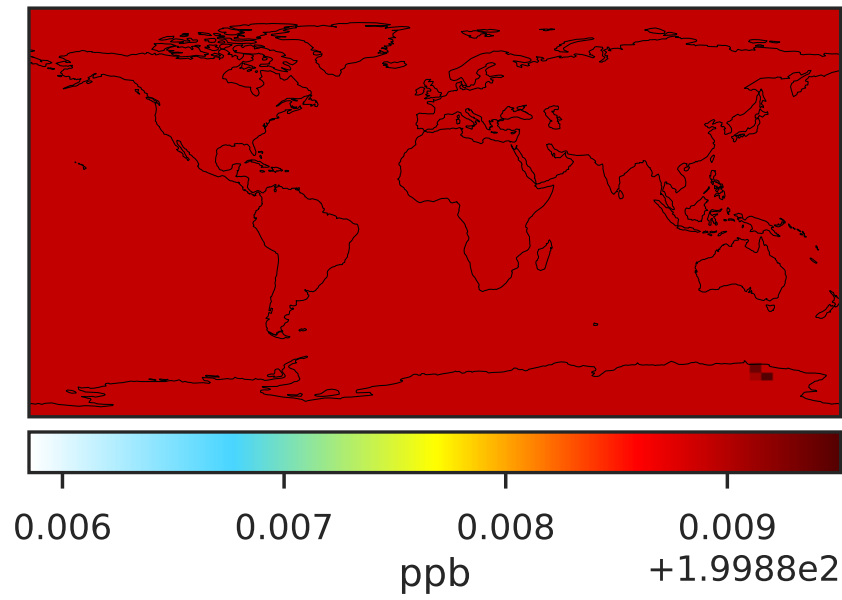
Ratio (1x1.25)
Dev/Ref, Fixed Range



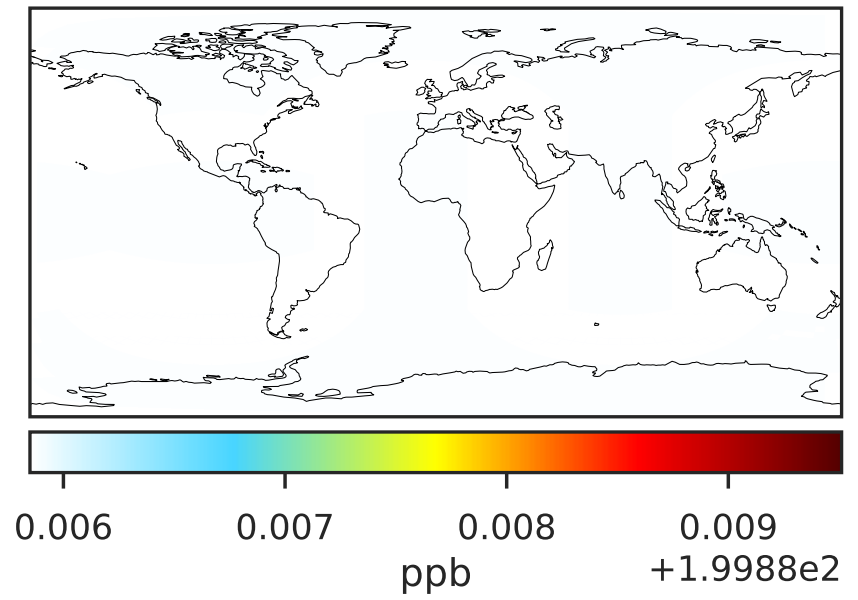
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_st80_25 (Oct2019)

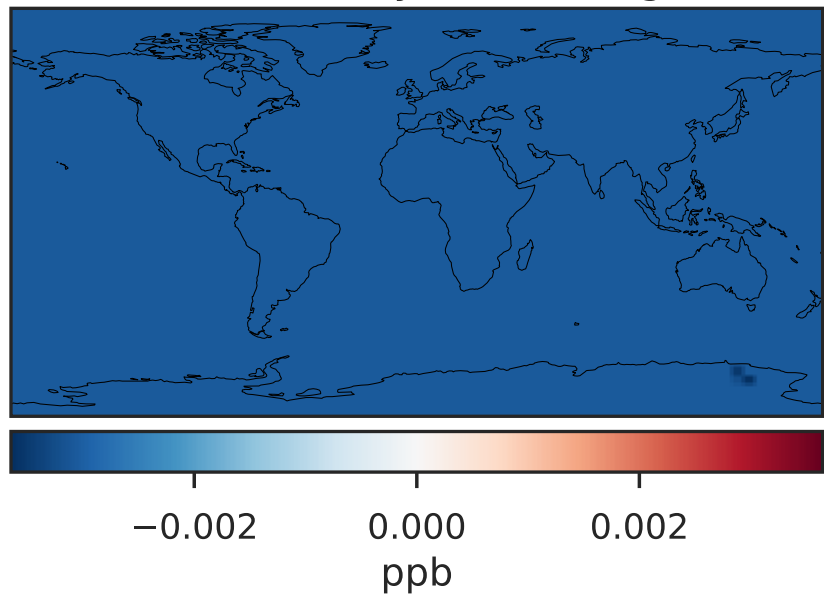
GCC 14.2.2 (Ref)
4.0x5.0



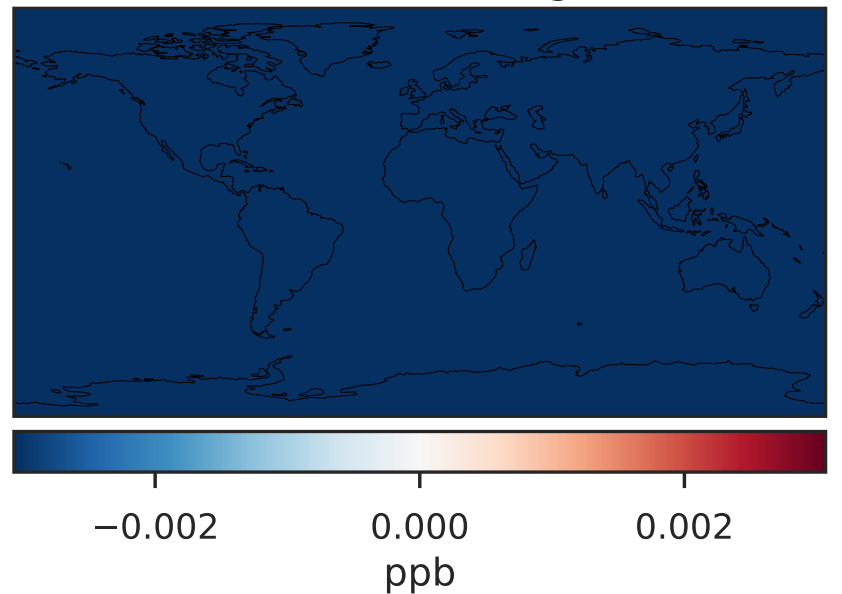
GCHP 14.2.2 using wind (Dev)
c30



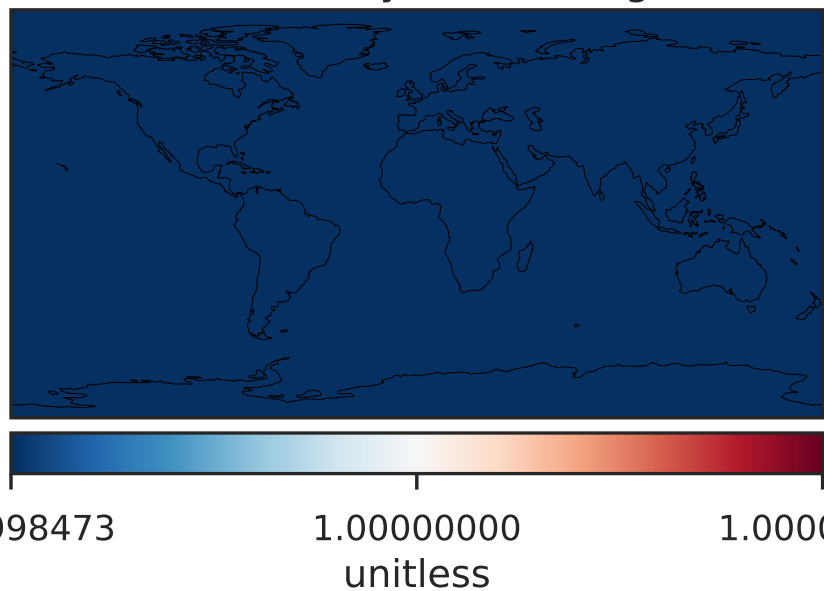
Difference (1x1.25)
Dev - Ref, Dynamic Range



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



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



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

