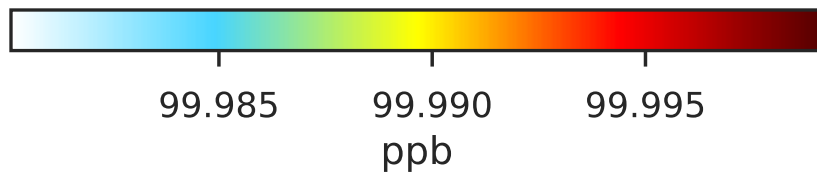
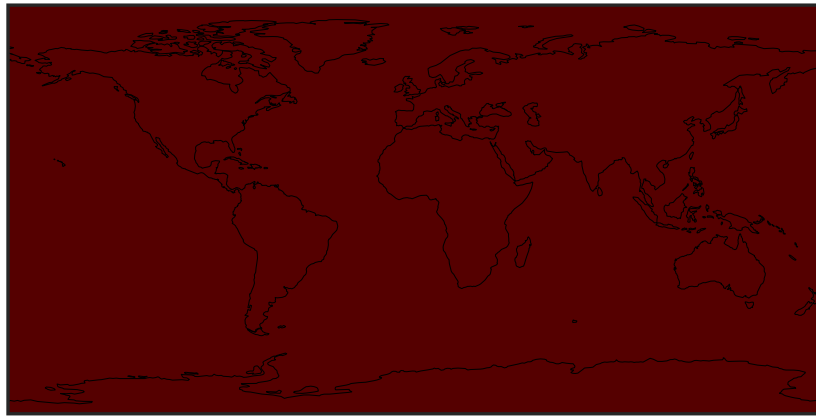
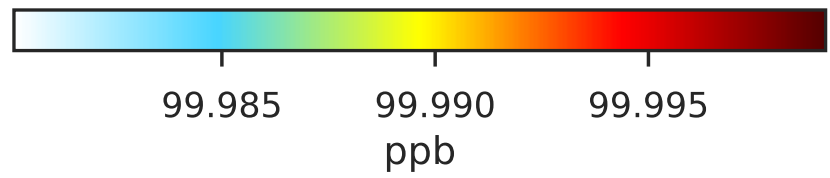
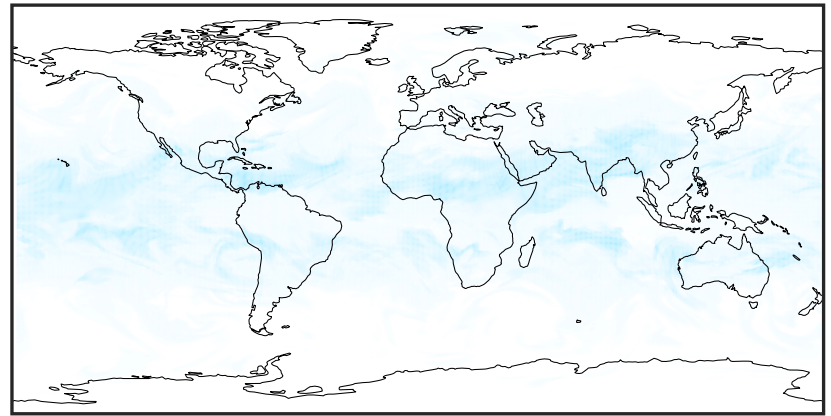


SpeciesConcVV_PassiveTracer (Apr2019)

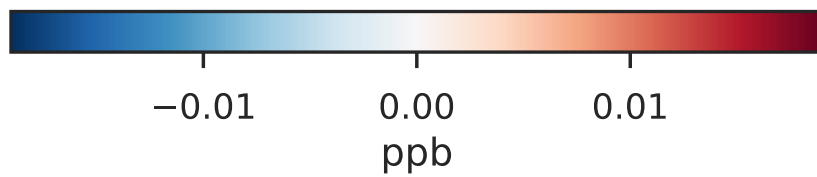
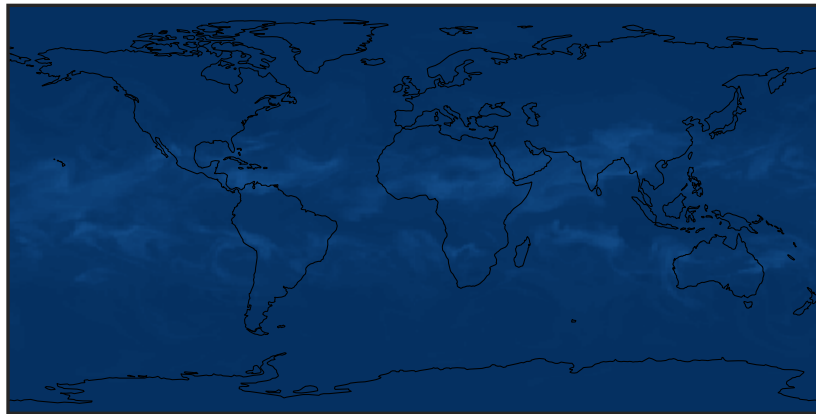
GCC 14.2.2 (Ref)
4.0x5.0



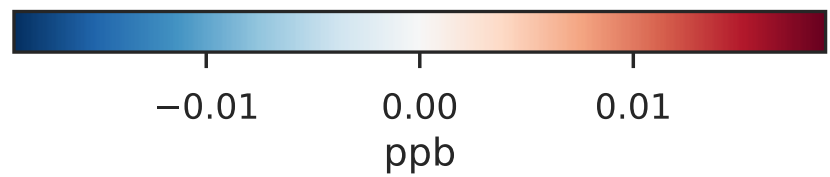
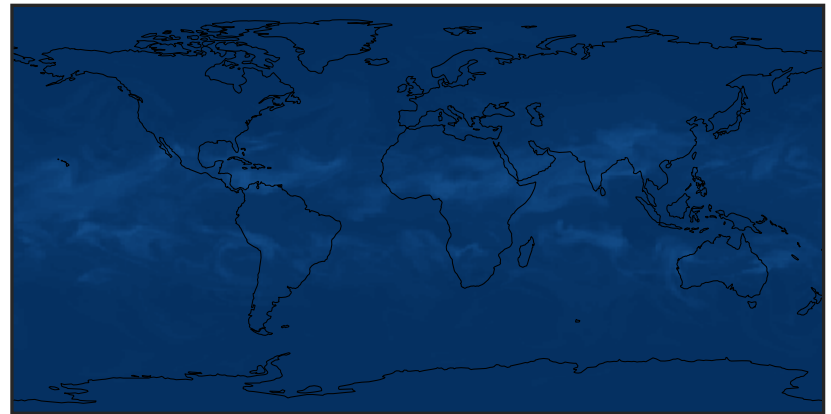
GCHP 14.2.2 using mass flux (Dev)
c180



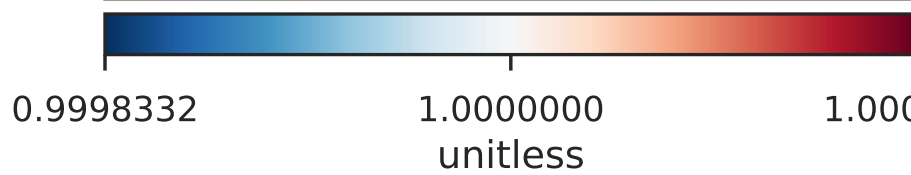
Difference (1x1.25)
Dev - Ref, Dynamic Range



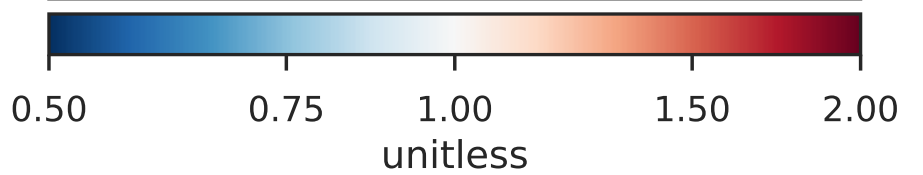
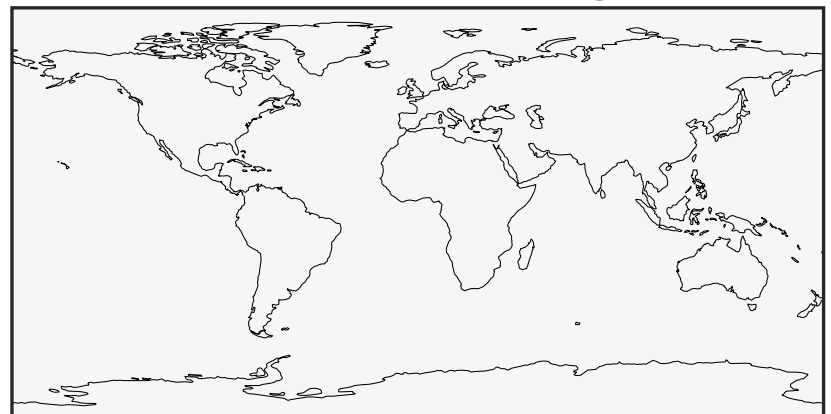
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

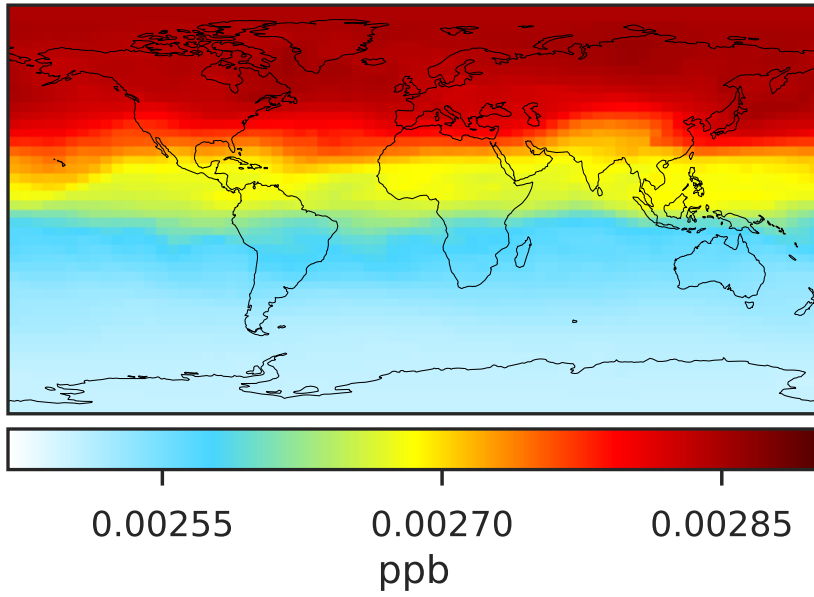


Ratio (1x1.25)
Dev/Ref, Fixed Range

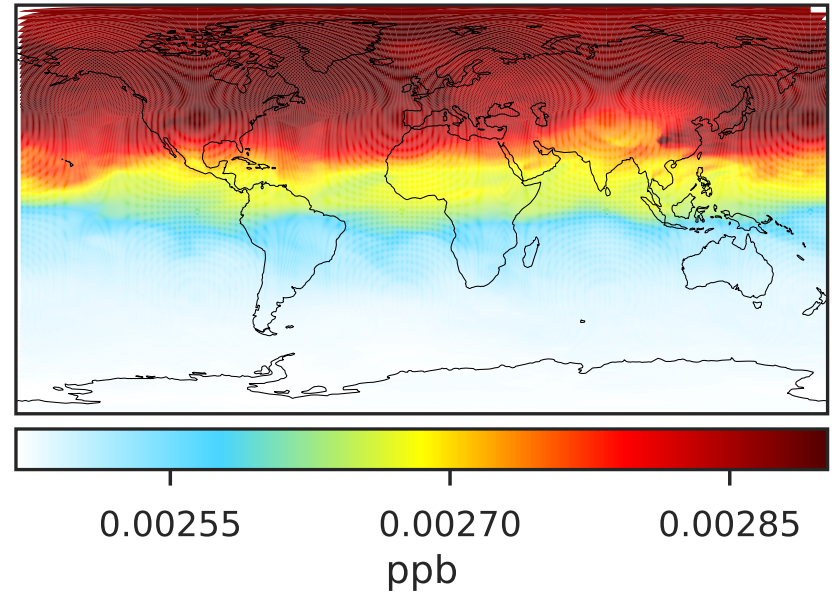


SpeciesConcVV_SF6 (Apr2019)

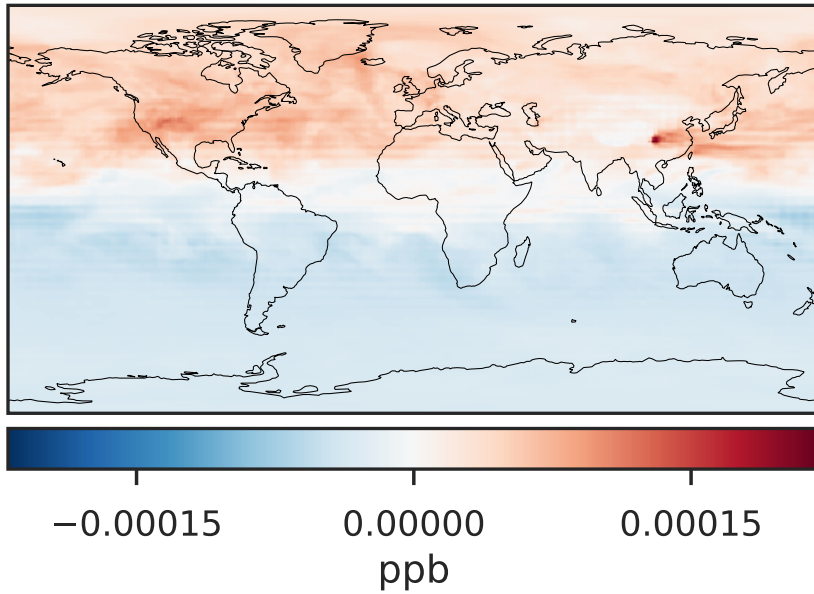
GCC 14.2.2 (Ref)
4.0x5.0



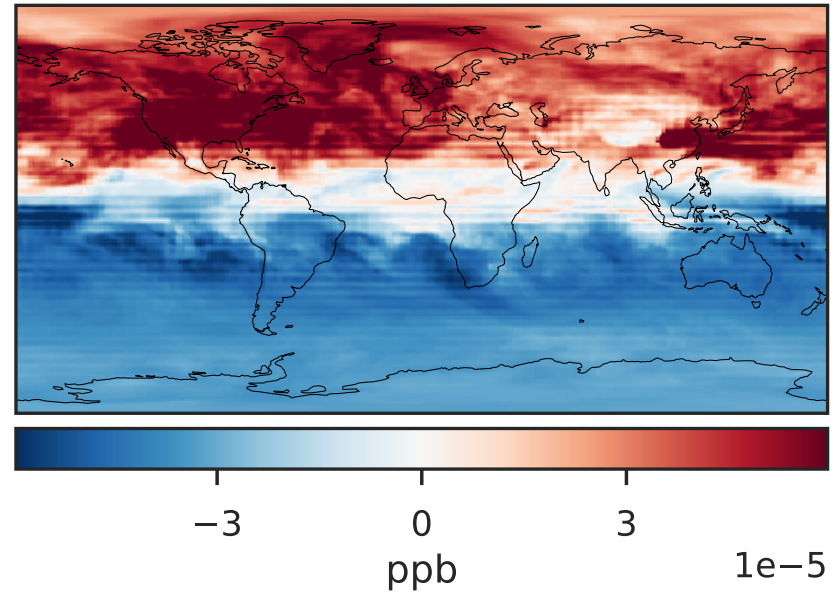
GCHP 14.2.2 using mass flux (Dev)
c180



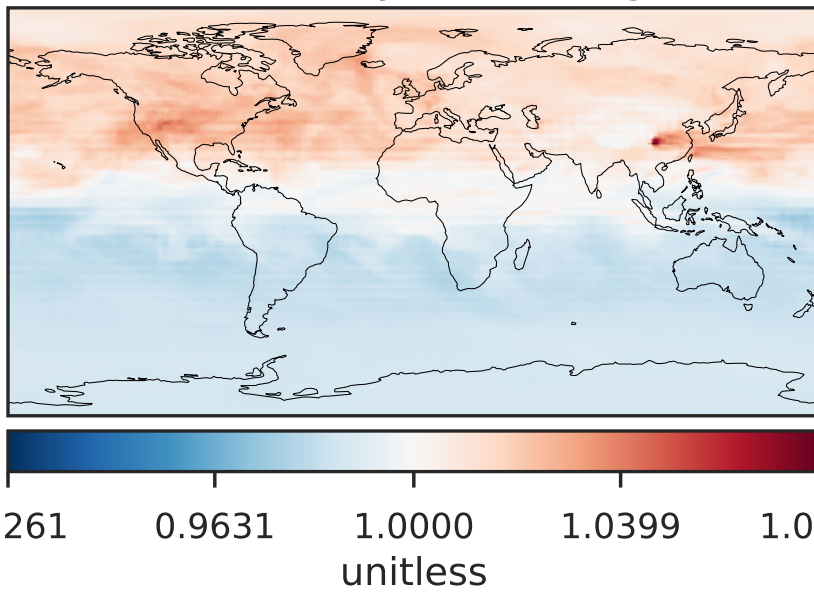
Difference (1x1.25)
Dev - Ref, Dynamic Range



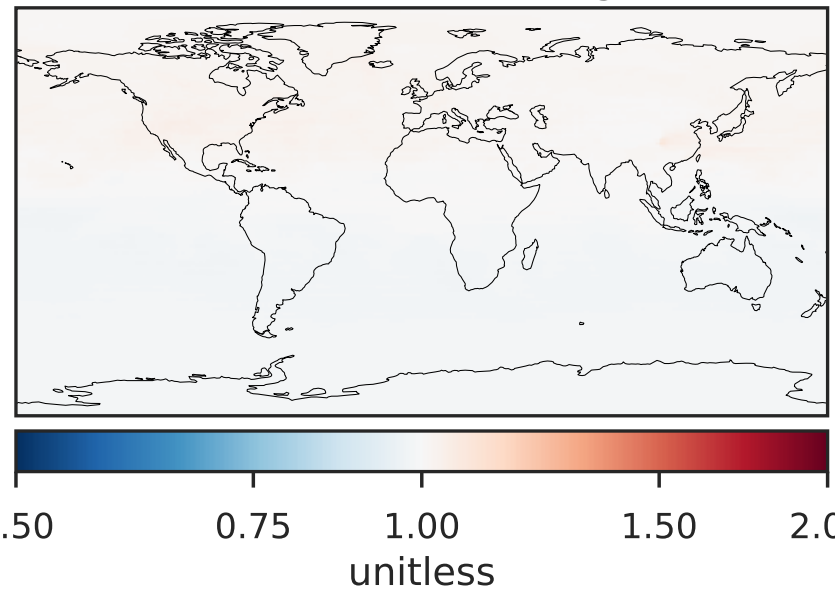
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

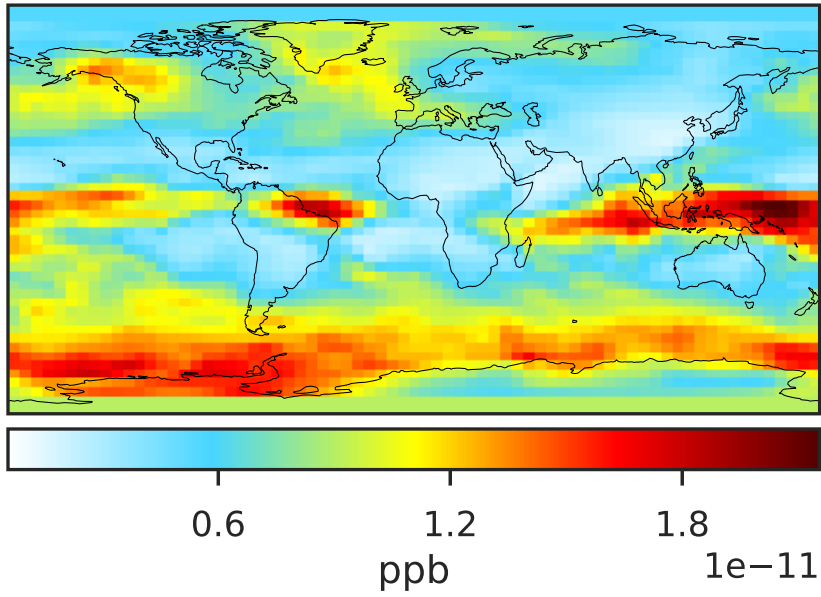


Ratio (1x1.25)
Dev/Ref, Fixed Range

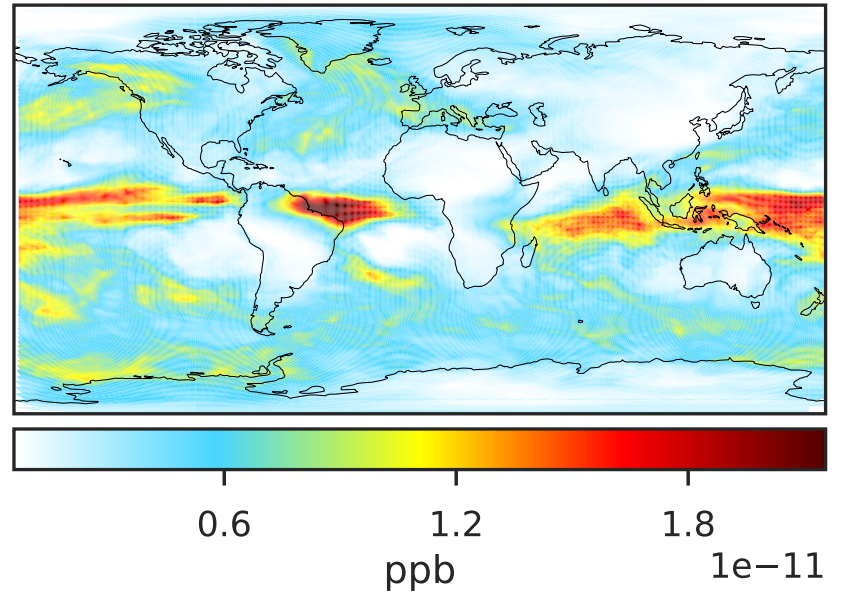


SpeciesConcVV_CH3I (Apr2019)

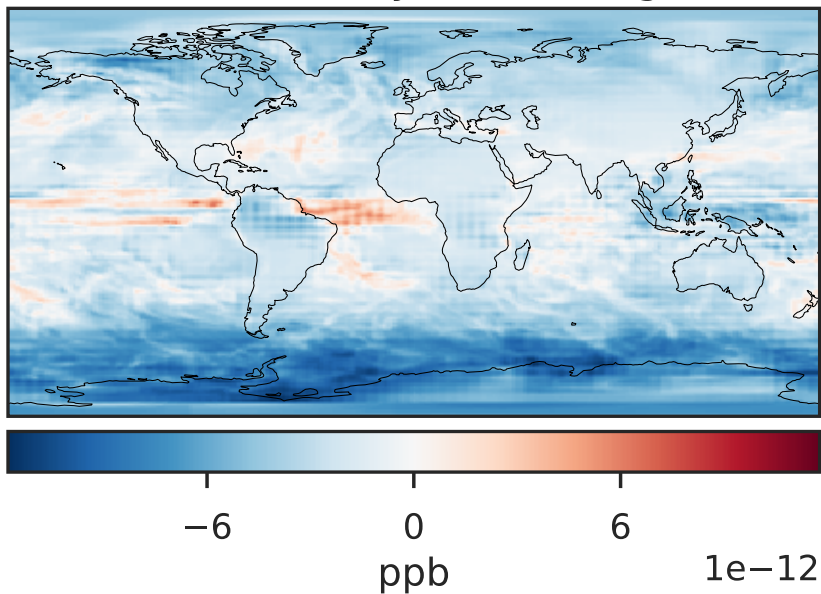
GCC 14.2.2 (Ref)
4.0x5.0



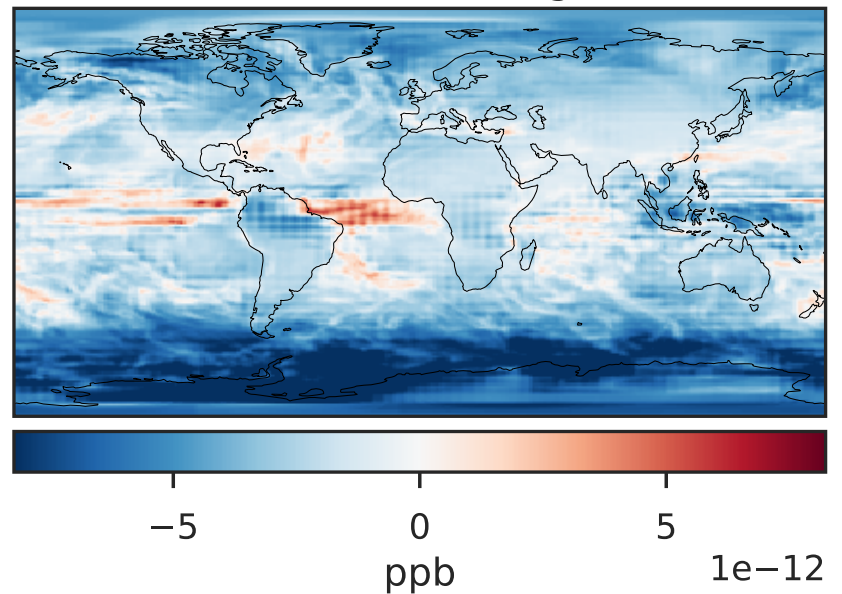
GCHP 14.2.2 using mass flux (Dev)
c180



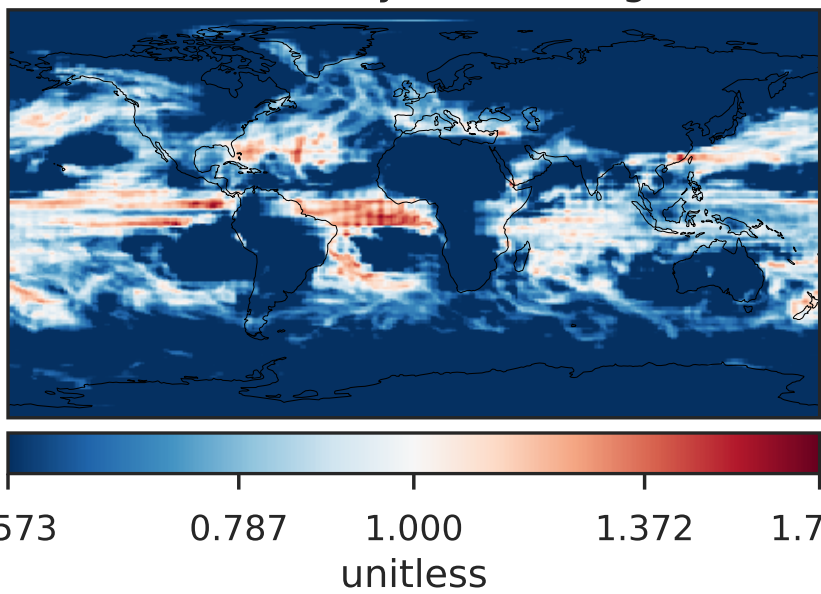
Difference (1x1.25)
Dev - Ref, Dynamic Range



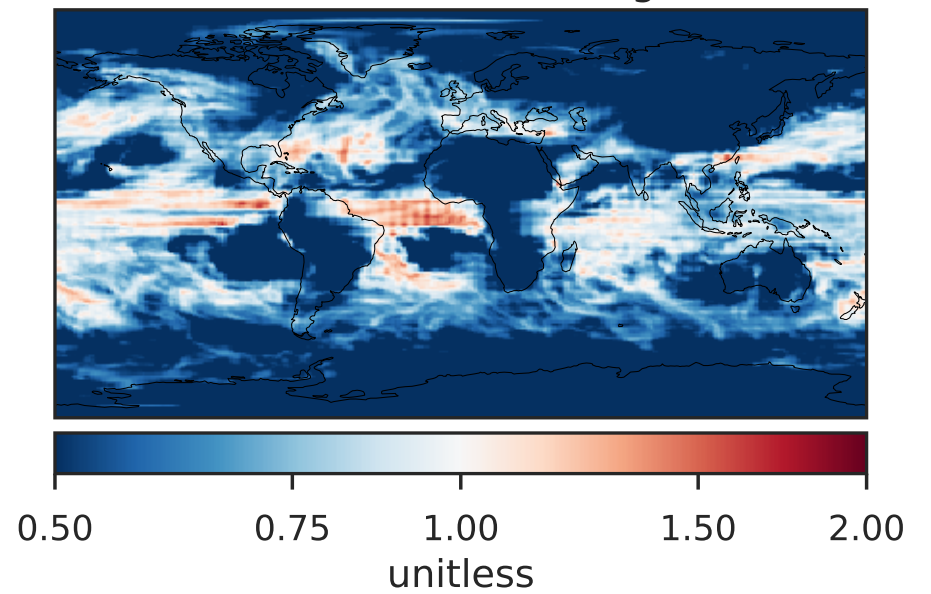
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

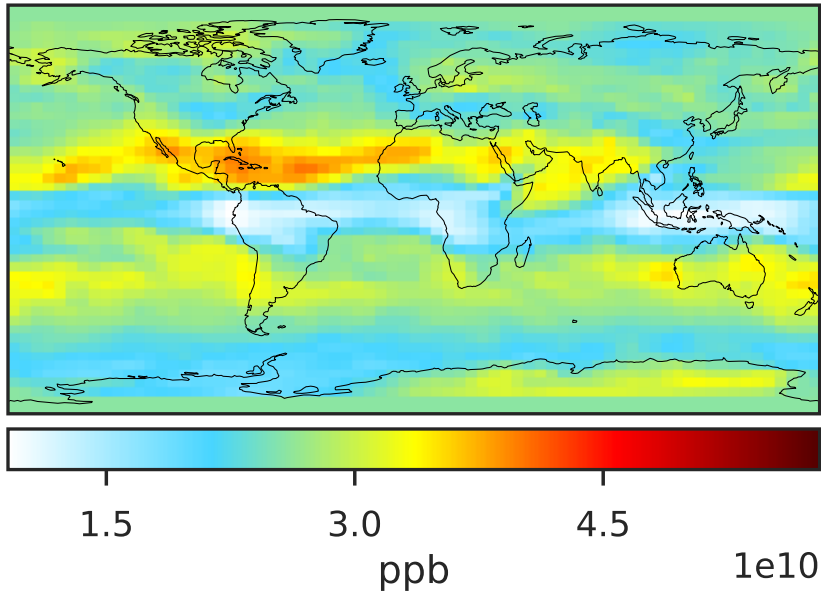


Ratio (1x1.25)
Dev/Ref, Fixed Range

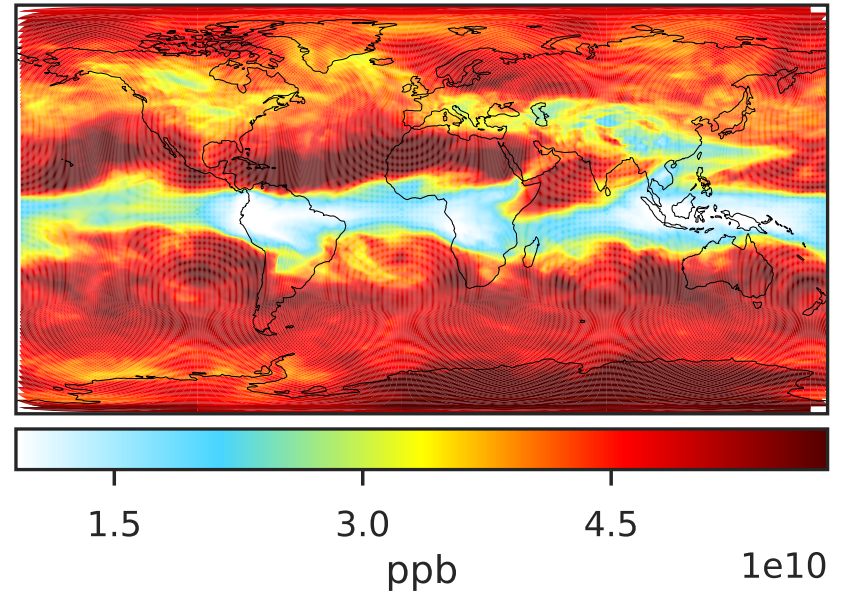


SpeciesConcVV_aoa (Apr2019)

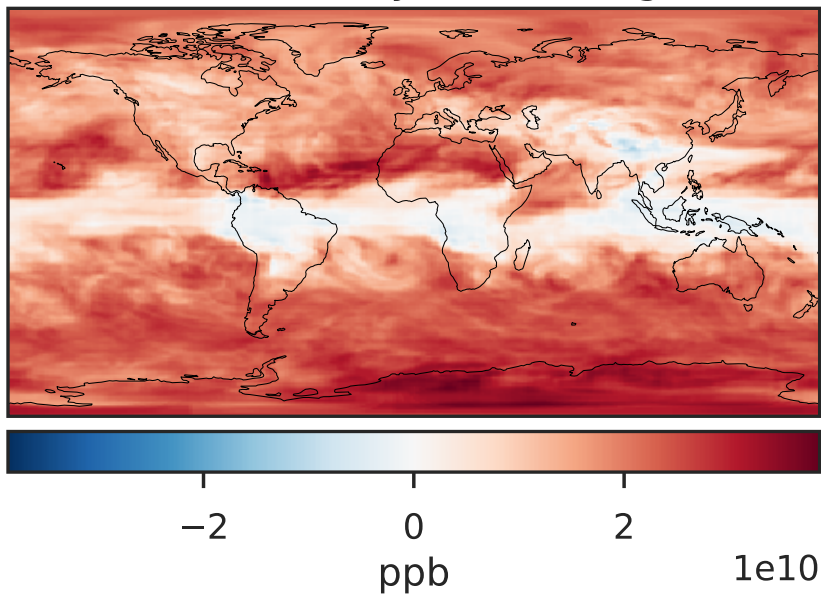
GCC 14.2.2 (Ref)
4.0x5.0



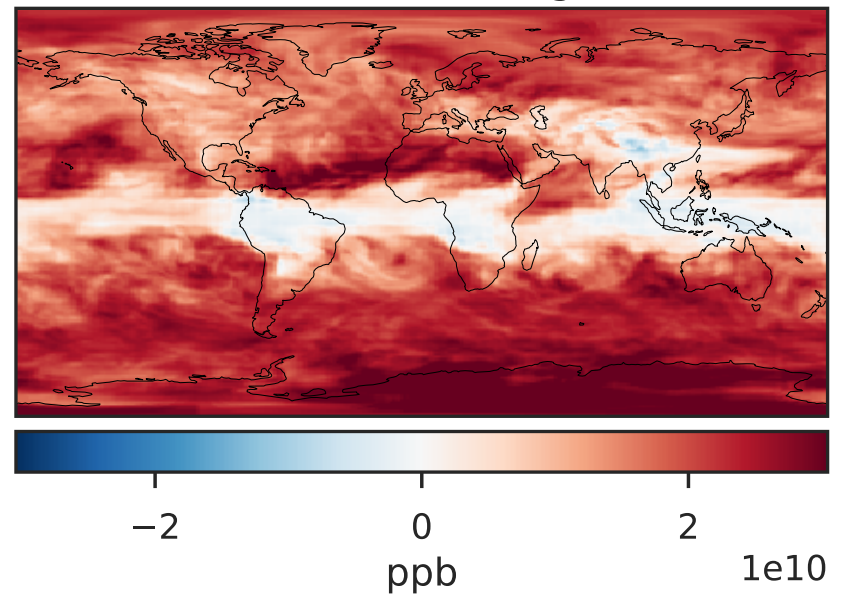
GCHP 14.2.2 using mass flux (Dev)
c180



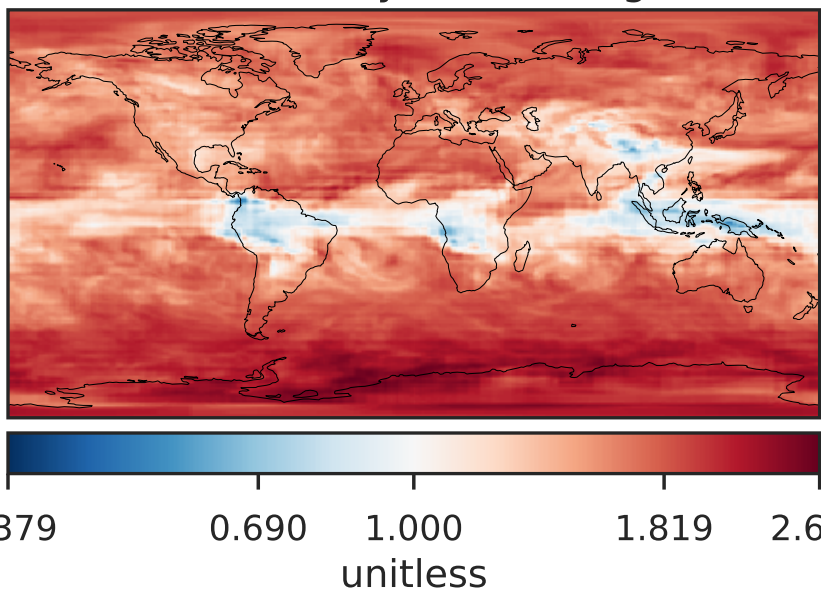
Difference (1x1.25)
Dev - Ref, Dynamic Range



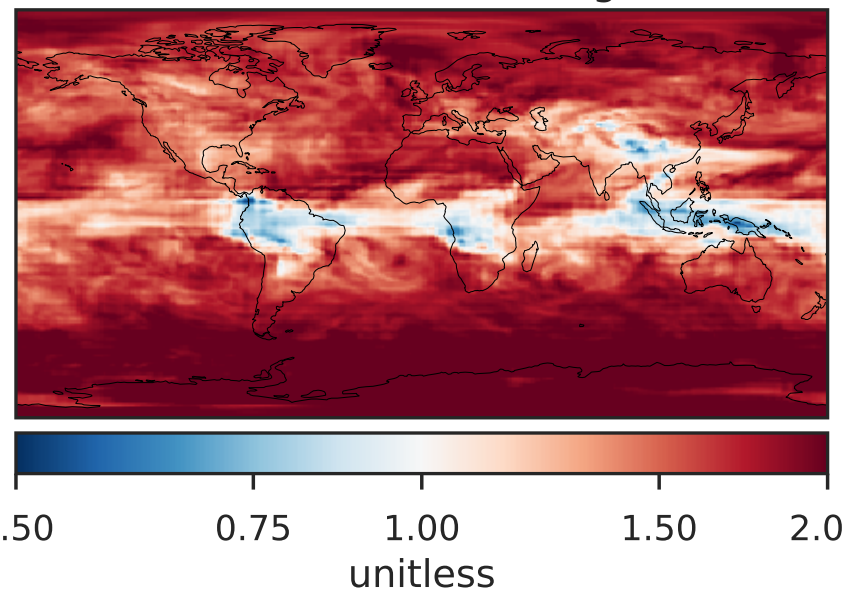
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

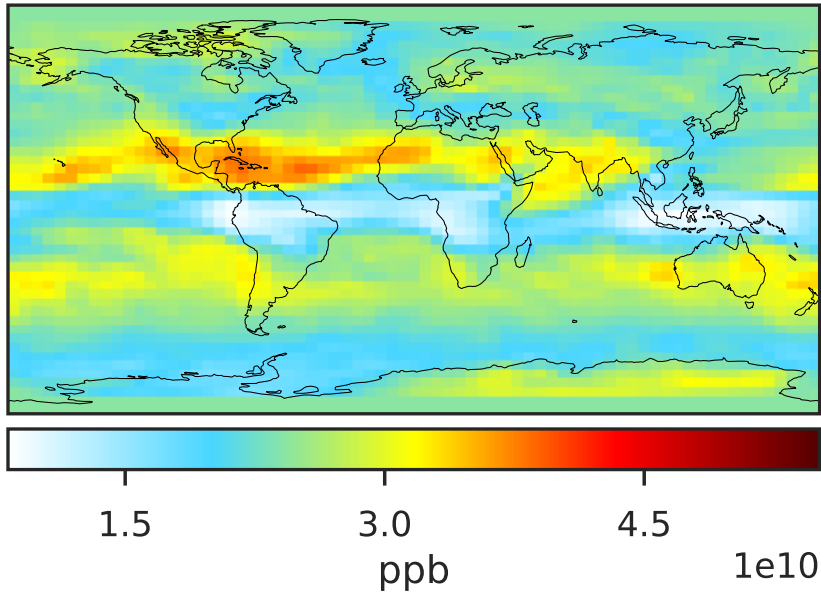


Ratio (1x1.25)
Dev/Ref, Fixed Range

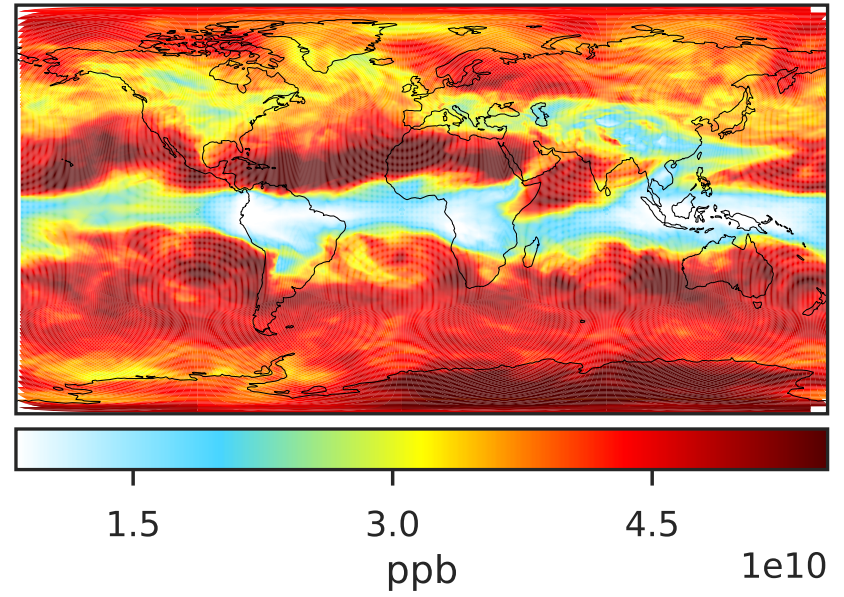


SpeciesConcVV_aoa_bl (Apr2019)

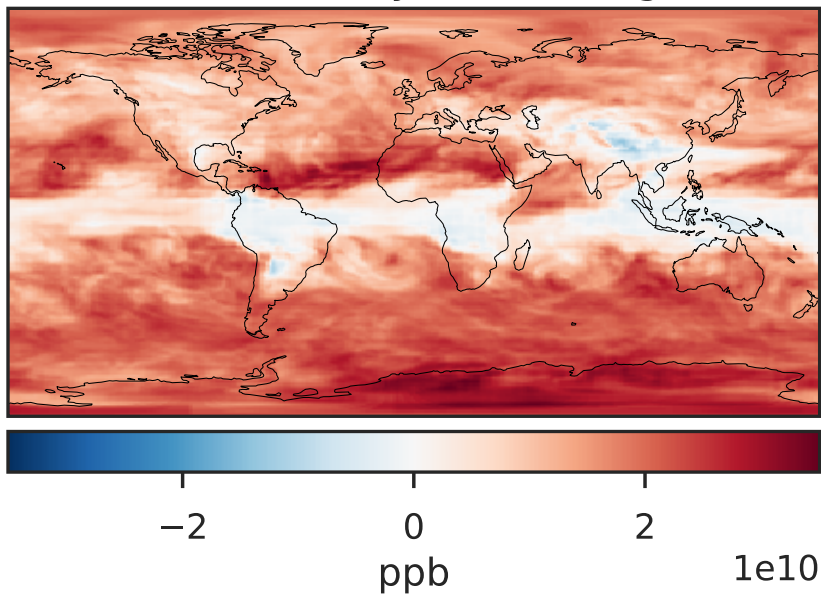
GCC 14.2.2 (Ref)
4.0x5.0



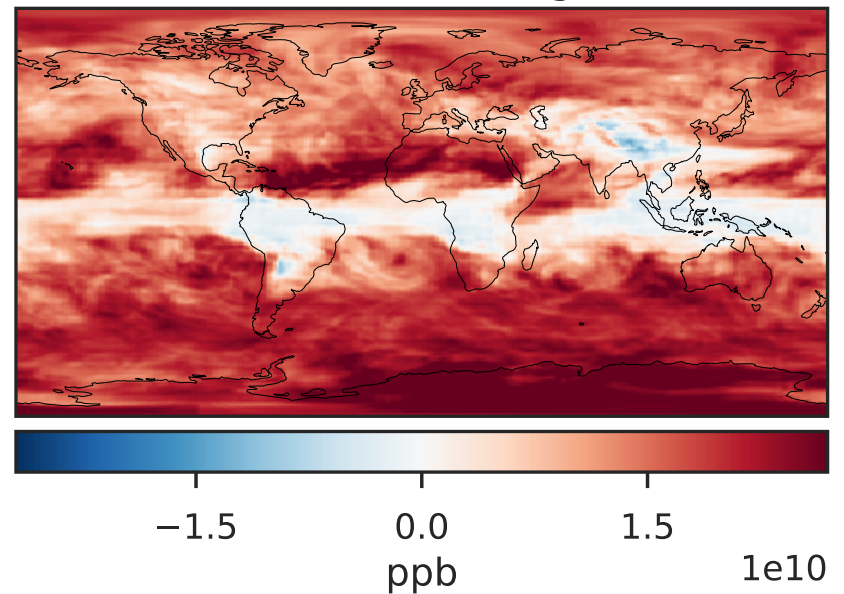
GCHP 14.2.2 using mass flux (Dev)
c180



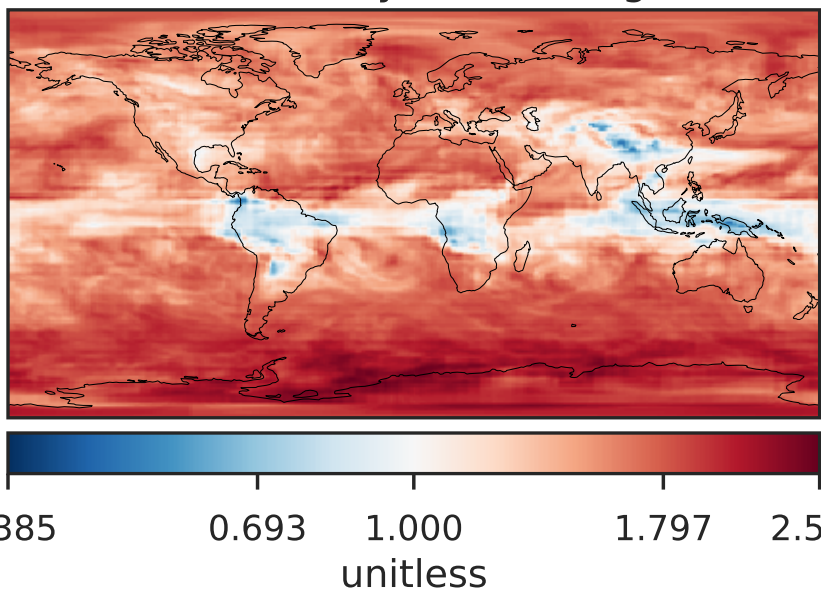
Difference (1x1.25)
Dev - Ref, Dynamic Range



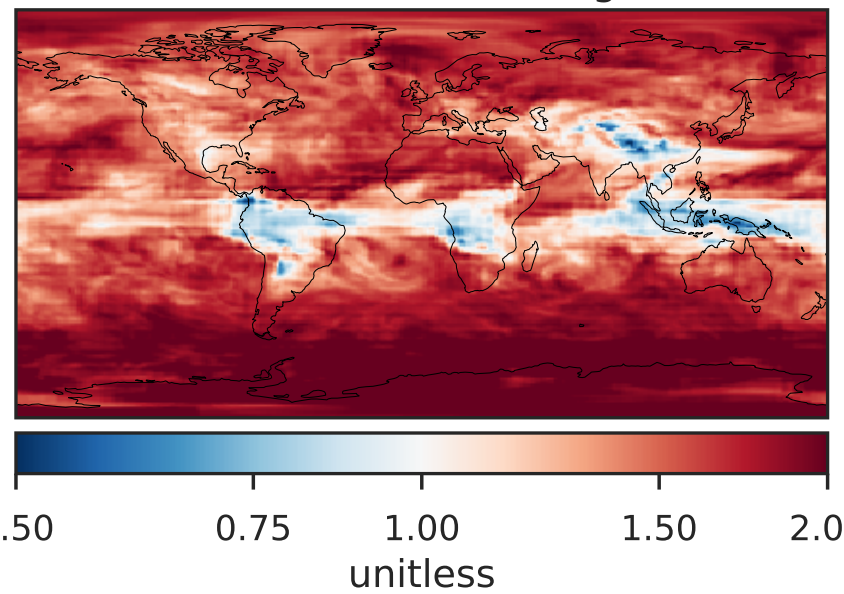
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

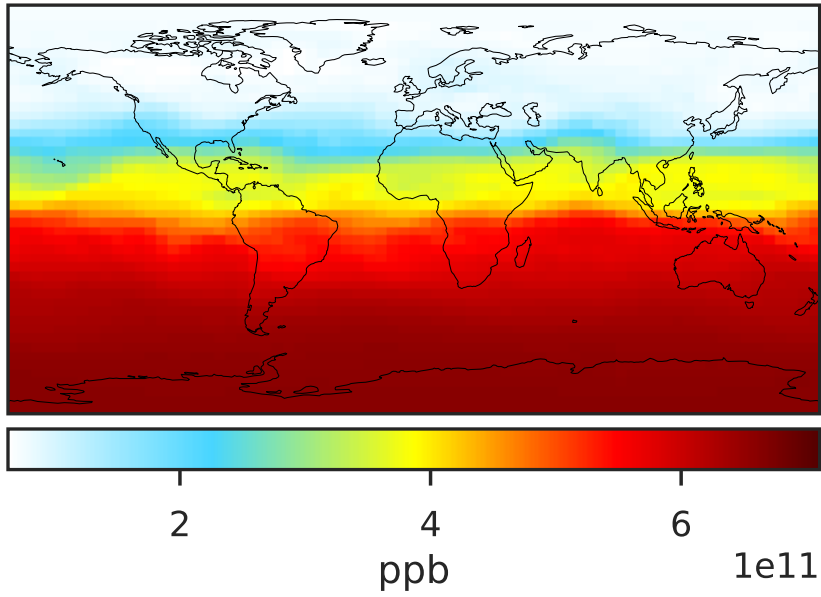


Ratio (1x1.25)
Dev/Ref, Fixed Range

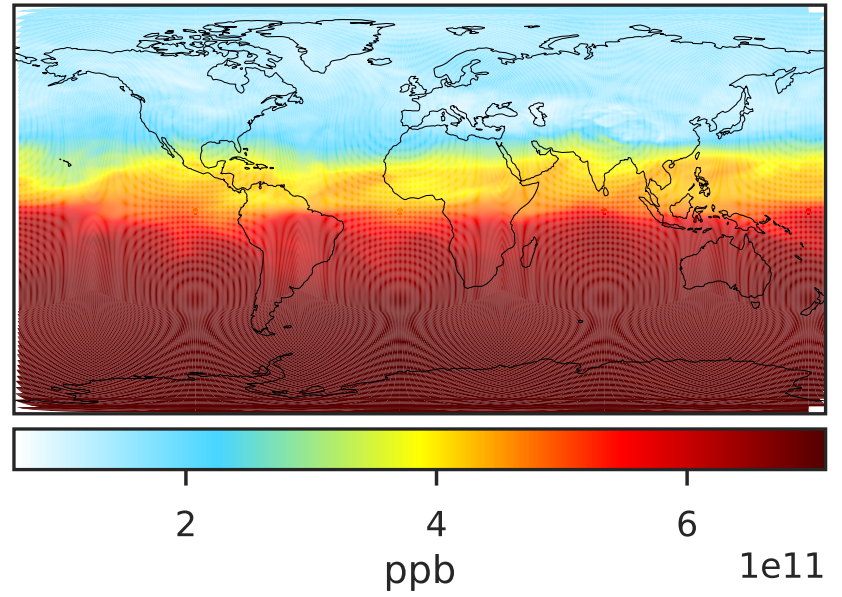


SpeciesConcVW_aoa_nh (Apr2019)

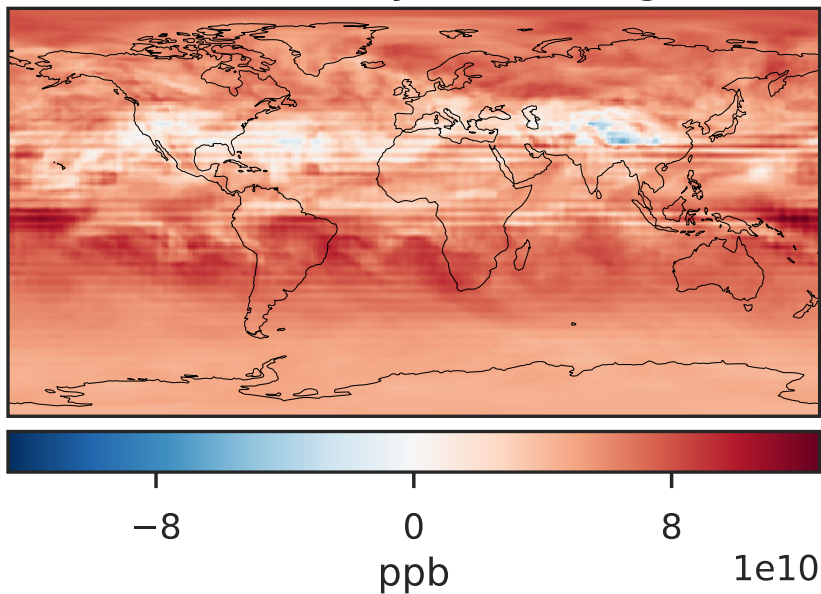
GCC 14.2.2 (Ref)
4.0x5.0



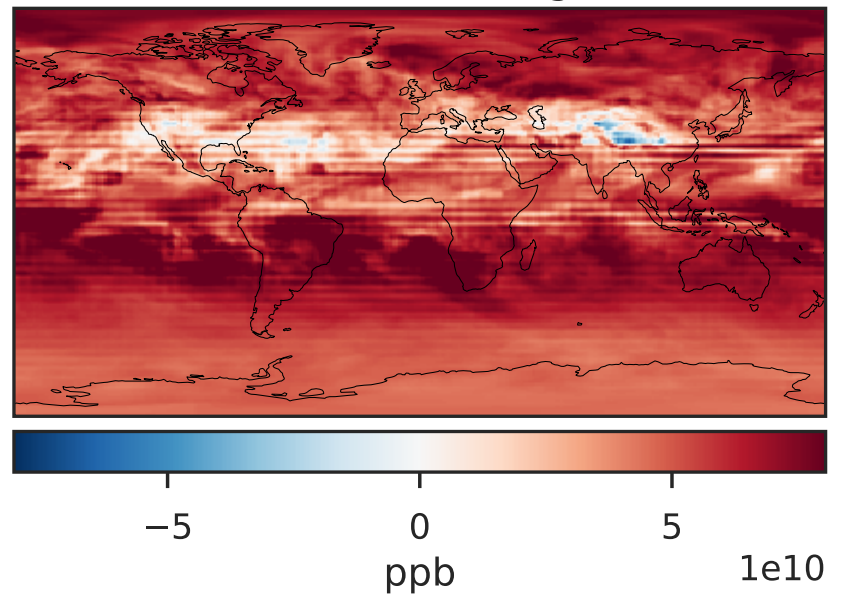
GCHP 14.2.2 using mass flux (Dev)
c180



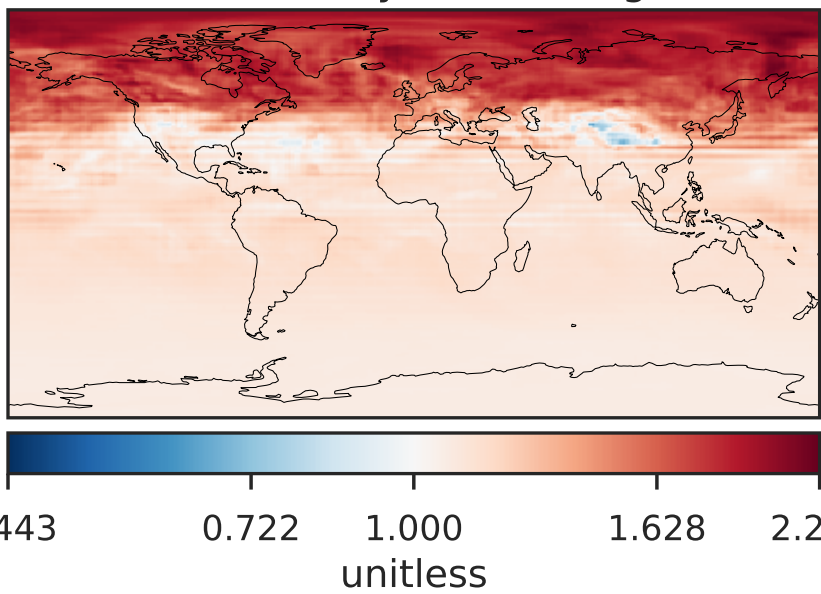
Difference (1x1.25)
Dev - Ref, Dynamic Range



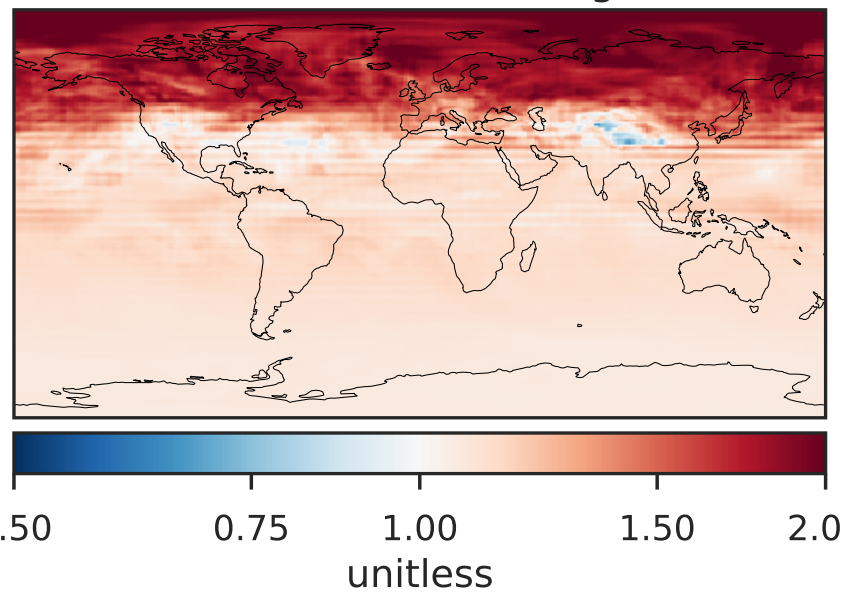
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

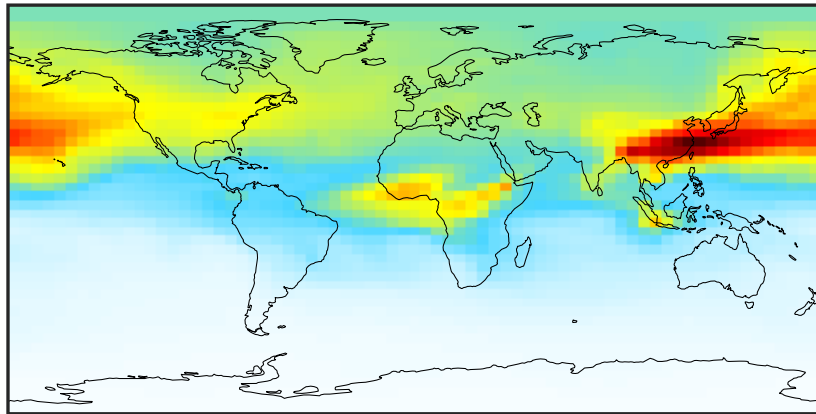


Ratio (1x1.25)
Dev/Ref, Fixed Range



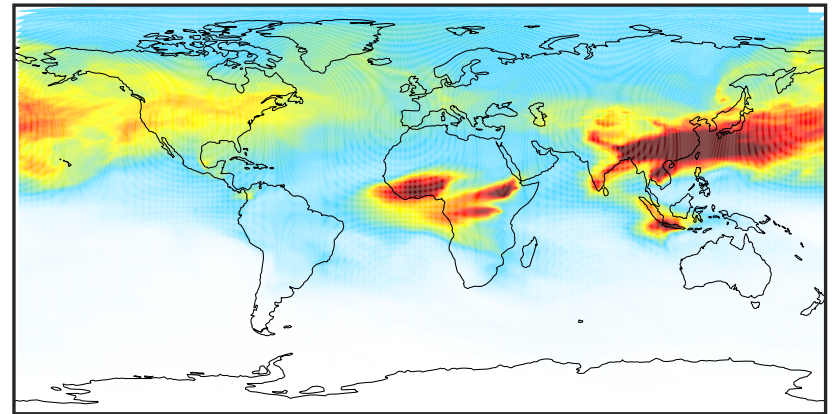
SpeciesConcVV_CO_25 (Apr2019)

GCC 14.2.2 (Ref)
4.0x5.0



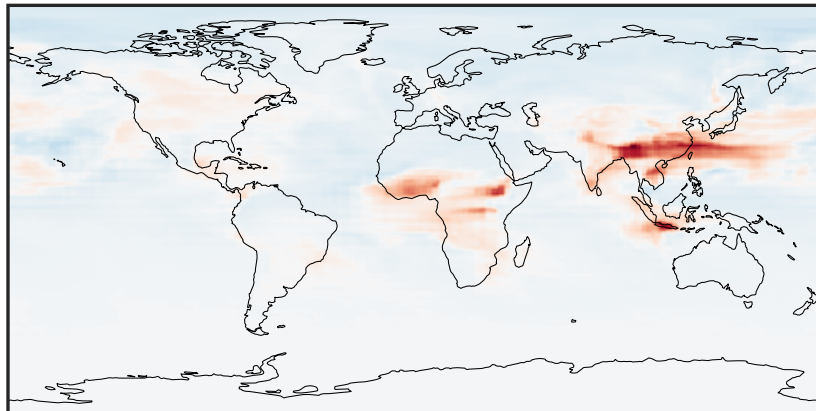
0.36 8.42 16.49 24.55 32.62
ppb

GCHP 14.2.2 using mass flux (Dev)
c180



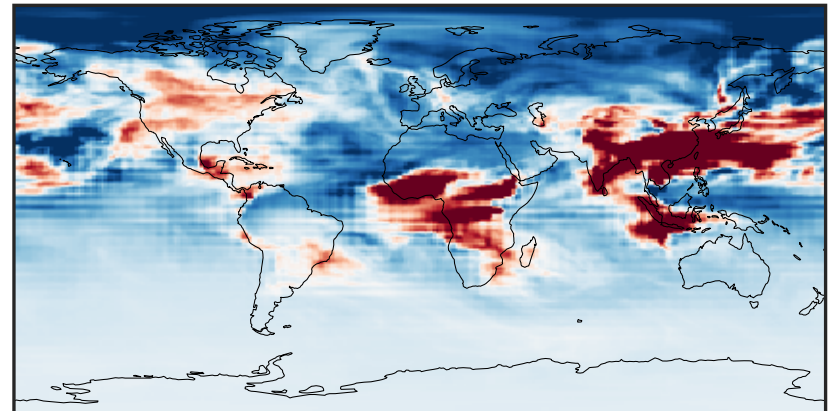
0.36 8.42 16.49 24.55 32.62
ppb

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



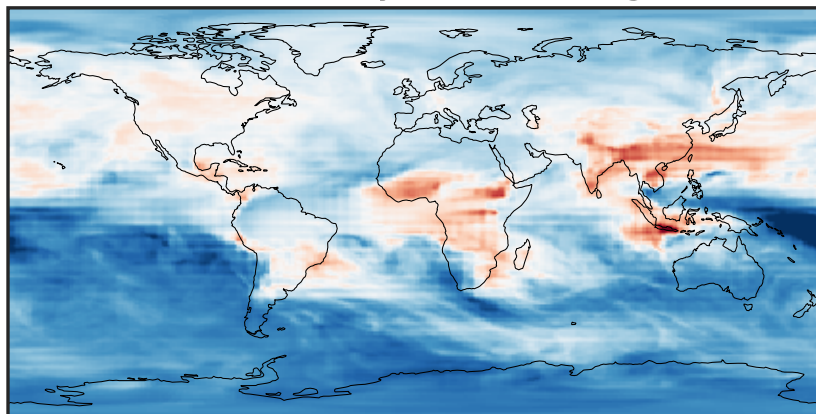
-29.09 -14.55 0.00 14.55 29.09
ppb

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



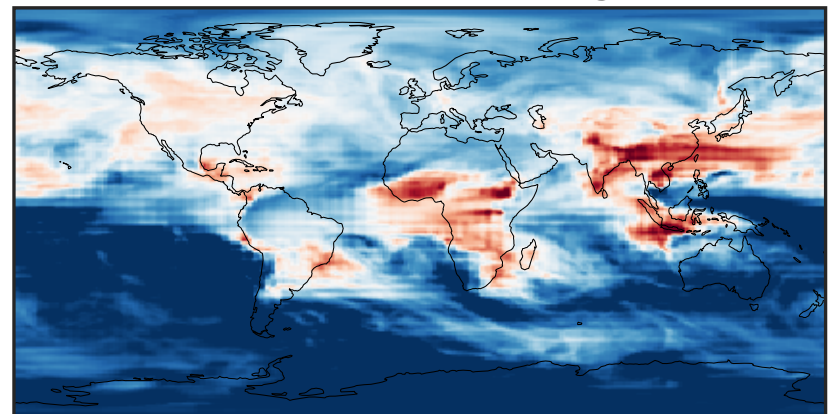
-4.109 -2.054 0.000 2.054 4.109
ppb

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



0.329 0.664 1.000 2.021 3.041
unitless

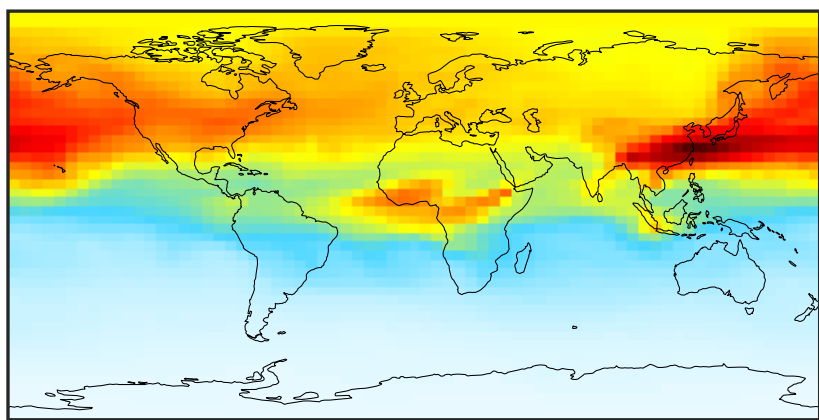
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

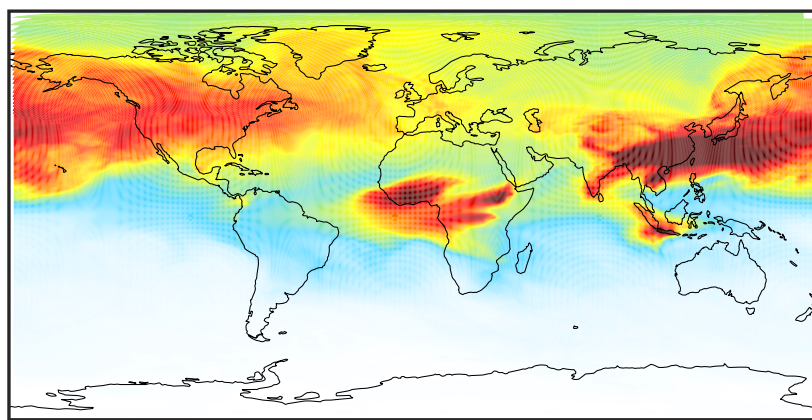
SpeciesConcVV_CO_50 (Apr2019)

GCC 14.2.2 (Ref)
4.0x5.0



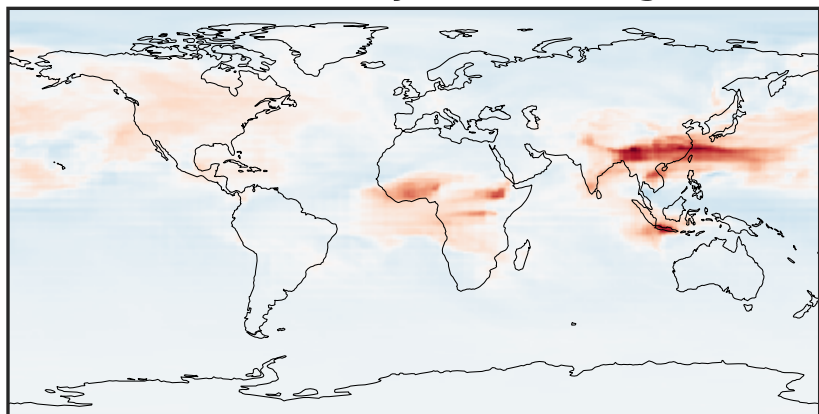
1.98 13.25 24.52 35.79 47.06
ppb

GCHP 14.2.2 using mass flux (Dev)
c180



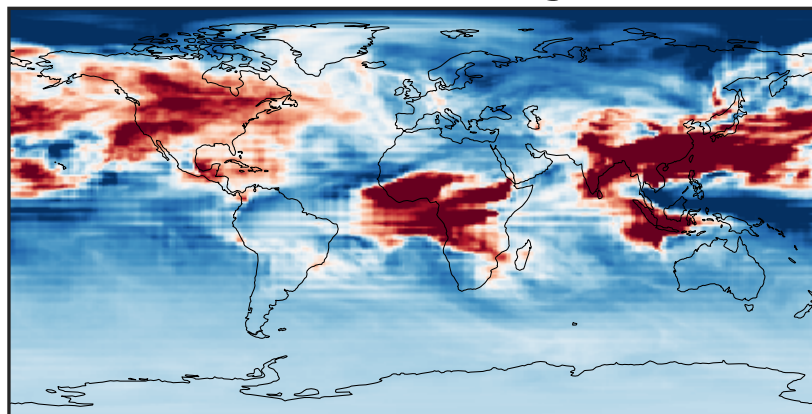
1.98 13.25 24.52 35.79 47.06
ppb

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



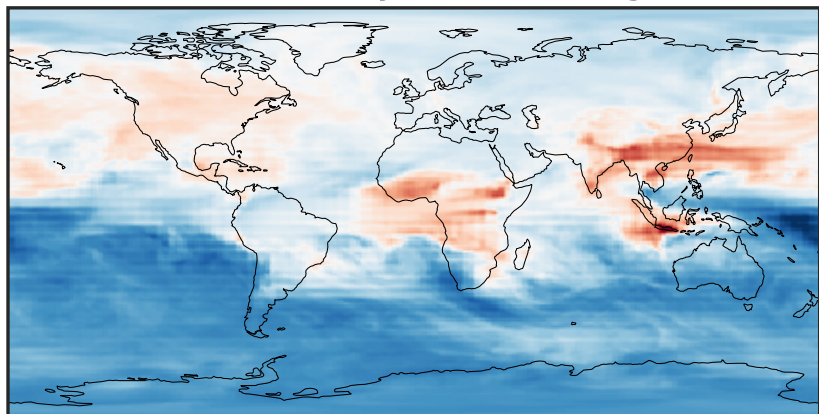
-33.87 -16.94 0.00 16.94 33.87
ppb

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



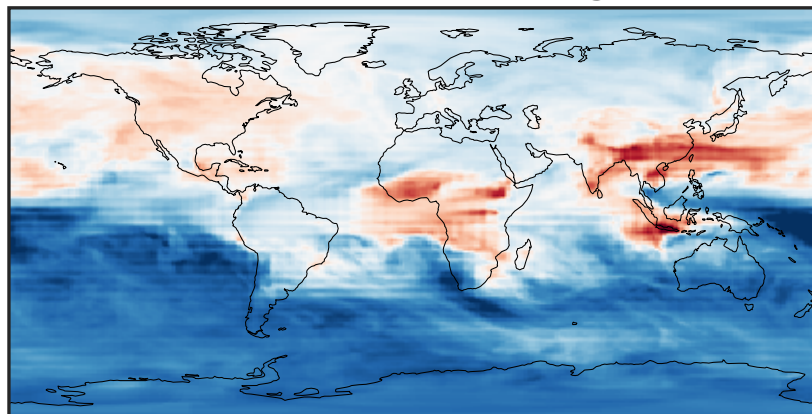
-5.26 -2.63 0.00 2.63 5.26
ppb

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



0.419 0.709 1.000 1.694 2.388
unitless

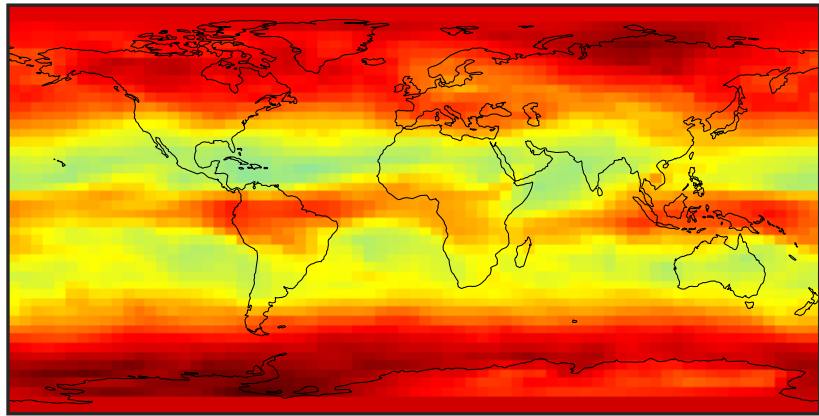
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

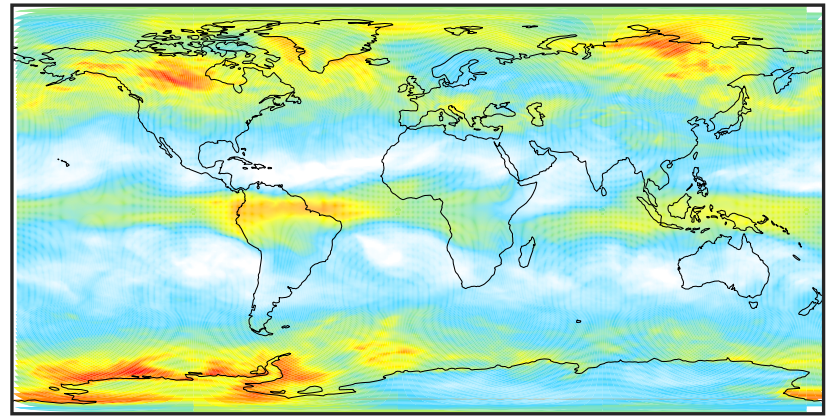
SpeciesConcVV_e90 (Apr2019)

GCC 14.2.2 (Ref)
4.0x5.0



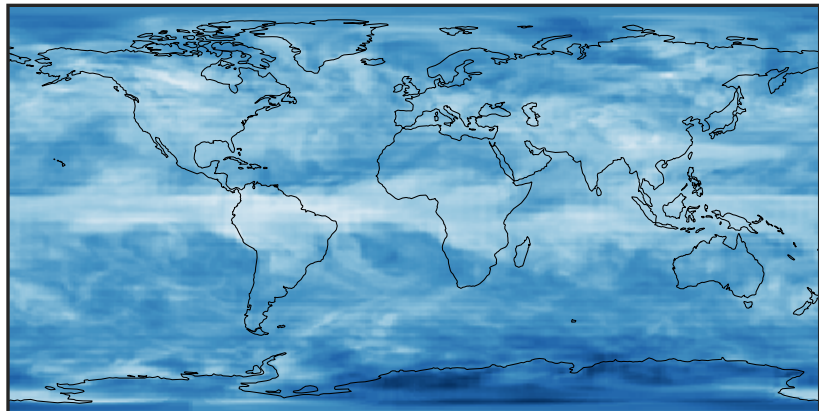
48.38 58.28 68.18 78.08 87.97
ppb

GCHP 14.2.2 using mass flux (Dev)
c180



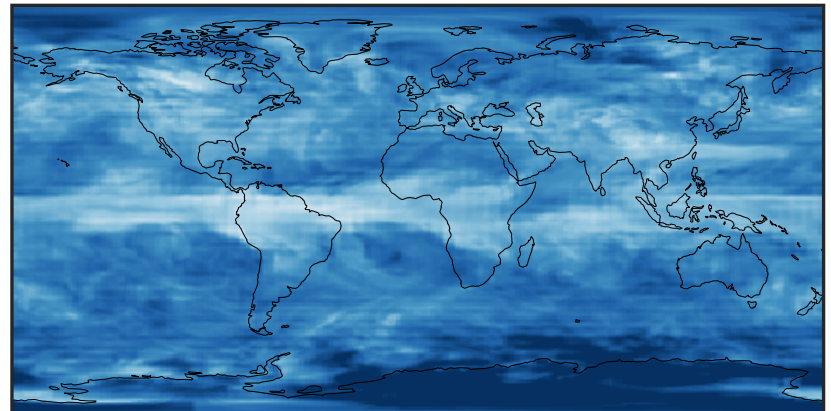
48.38 58.28 68.18 78.08 87.97
ppb

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



-26.4 -13.2 0.0 13.2 26.4
ppb

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



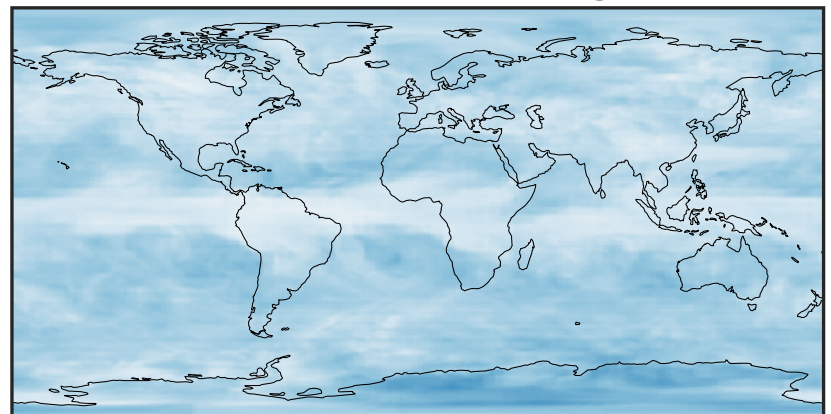
-20.27 -10.13 0.00 10.13 20.27
ppb

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



0.95819 0.97910 1.00000 1.02182 1.04363
unitless

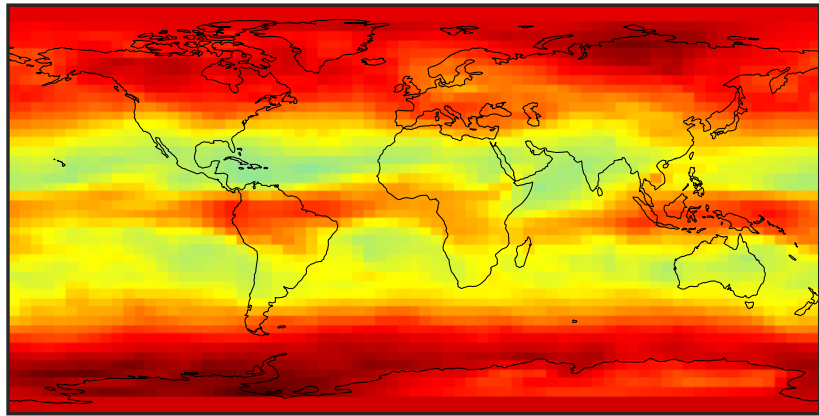
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

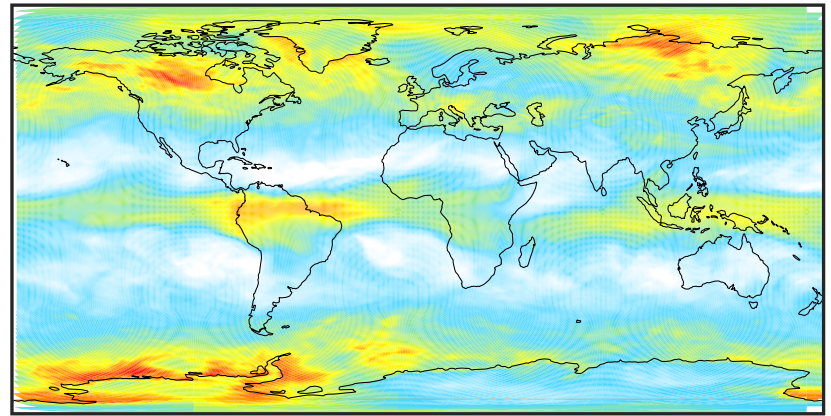
SpeciesConcVV_e90_n (Apr2019)

GCC 14.2.2 (Ref)
4.0x5.0



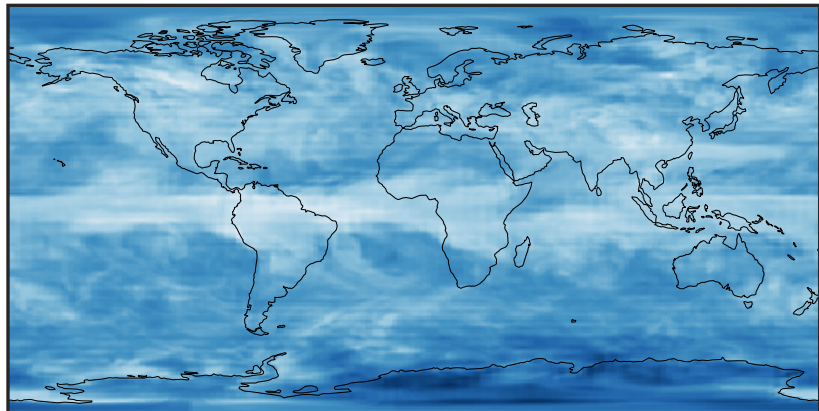
48.38 58.28 68.18 78.08 87.97
ppb

GCHP 14.2.2 using mass flux (Dev)
c180



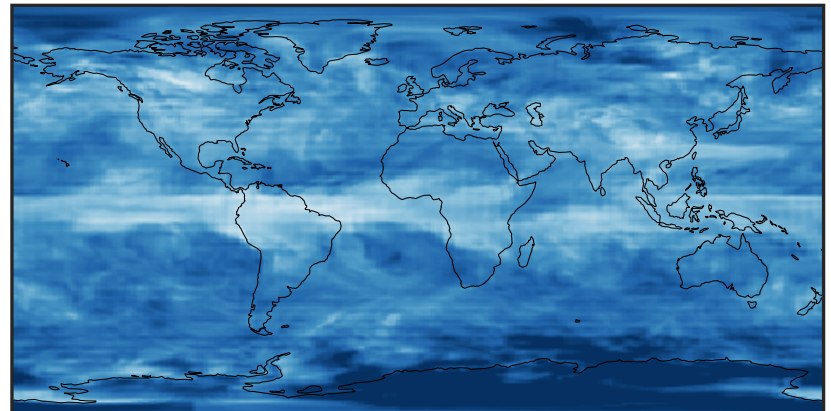
48.38 58.28 68.18 78.08 87.97
ppb

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



-26.4 -13.2 0.0 13.2 26.4
ppb

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



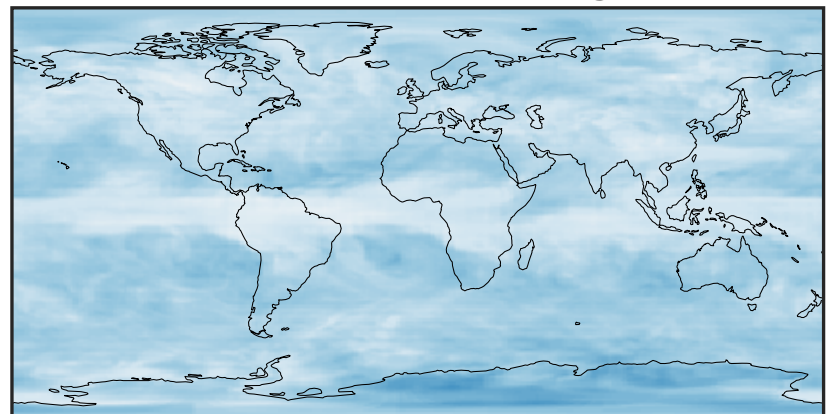
-20.27 -10.13 0.00 10.13 20.27
ppb

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



0.95819 0.97910 1.00000 1.02182 1.04363
unitless

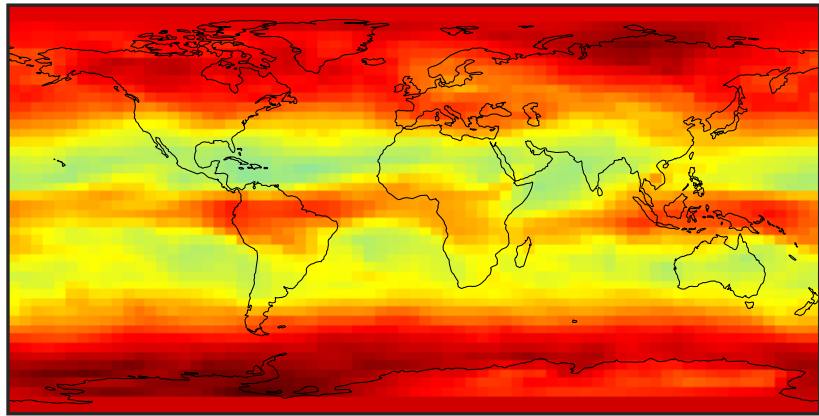
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

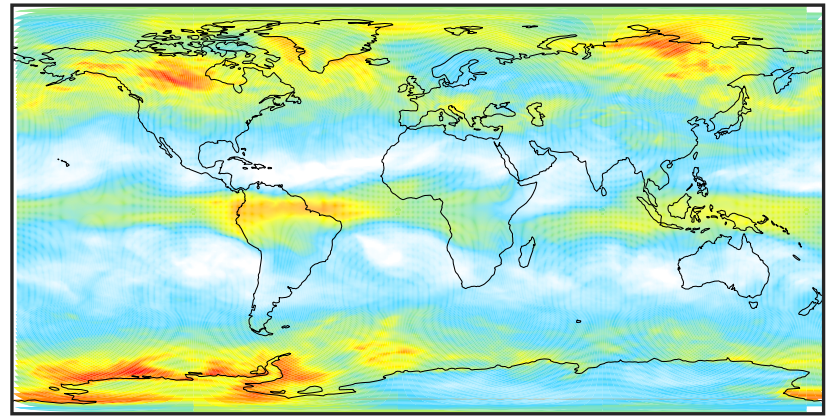
SpeciesConcVV_e90_s (Apr2019)

GCC 14.2.2 (Ref)
4.0x5.0



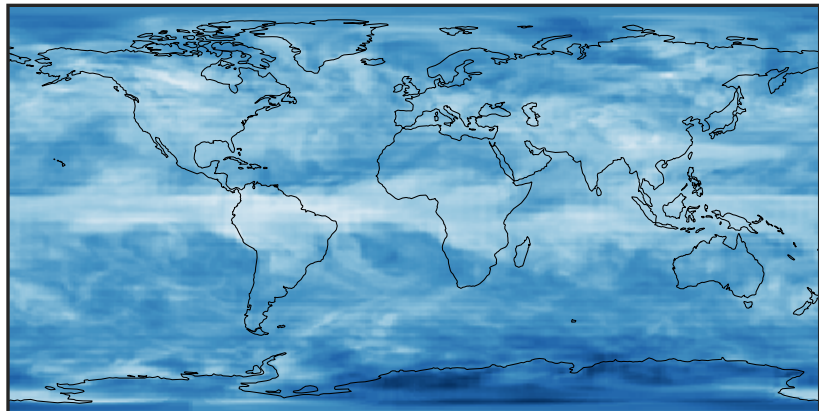
48.38 58.28 68.18 78.08 87.97
ppb

GCHP 14.2.2 using mass flux (Dev)
c180



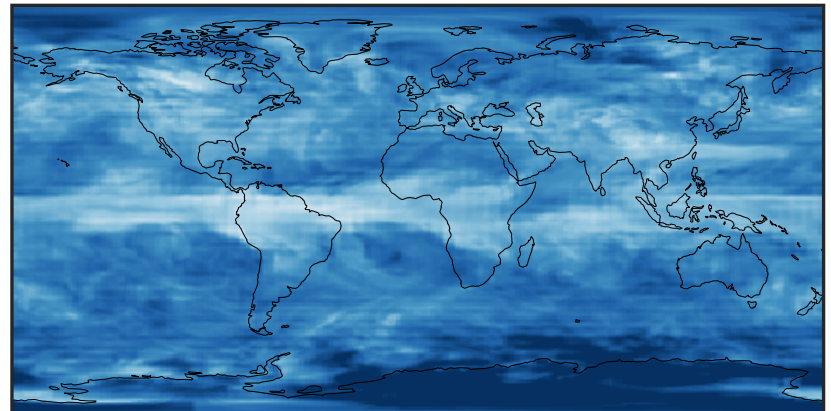
48.38 58.28 68.18 78.08 87.97
ppb

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



-26.4 -13.2 0.0 13.2 26.4
ppb

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



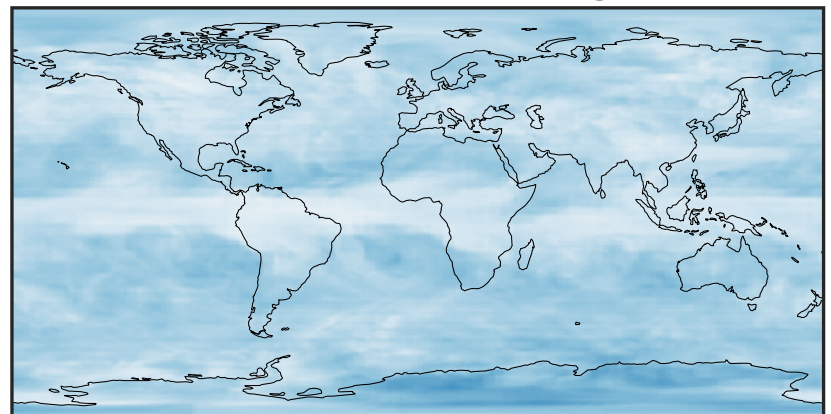
-20.27 -10.13 0.00 10.13 20.27
ppb

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



0.95819 0.97910 1.00000 1.02182 1.04363
unitless

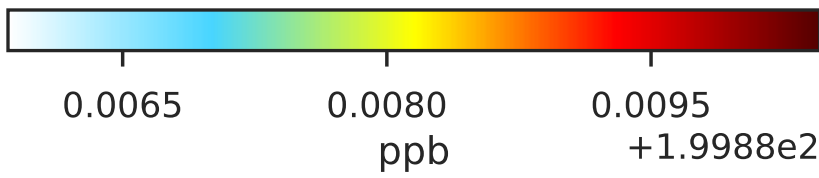
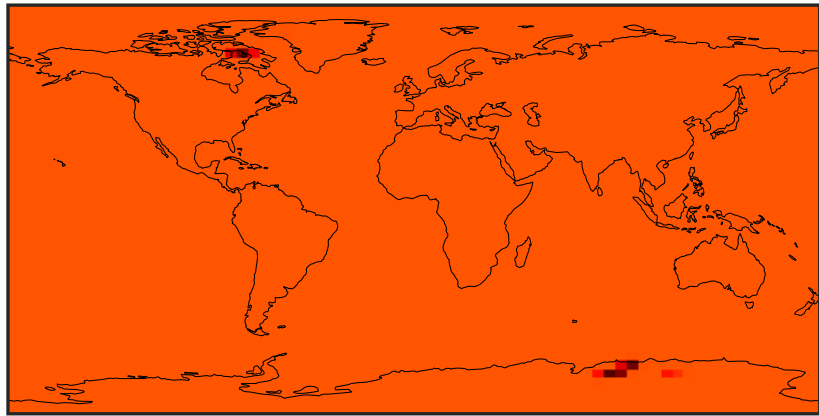
Ratio (1x1.25)
Dev/Ref, Fixed Range



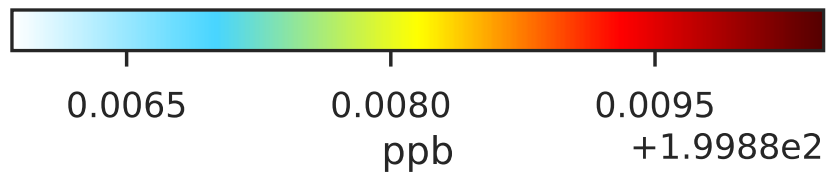
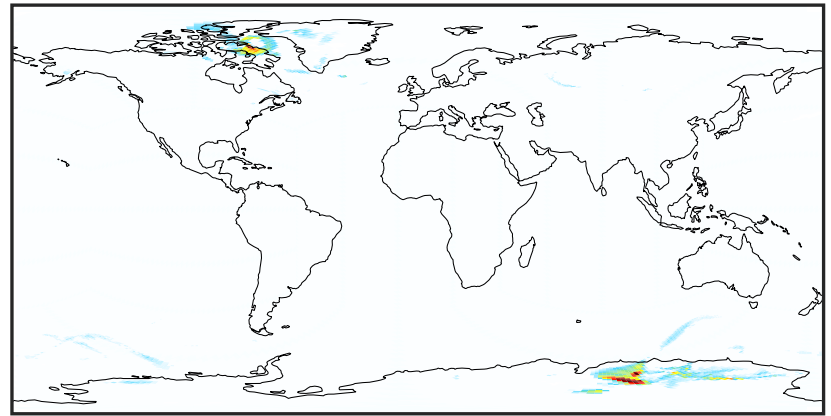
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_st80_25 (Apr2019)

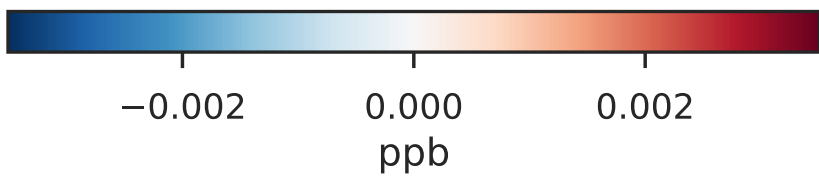
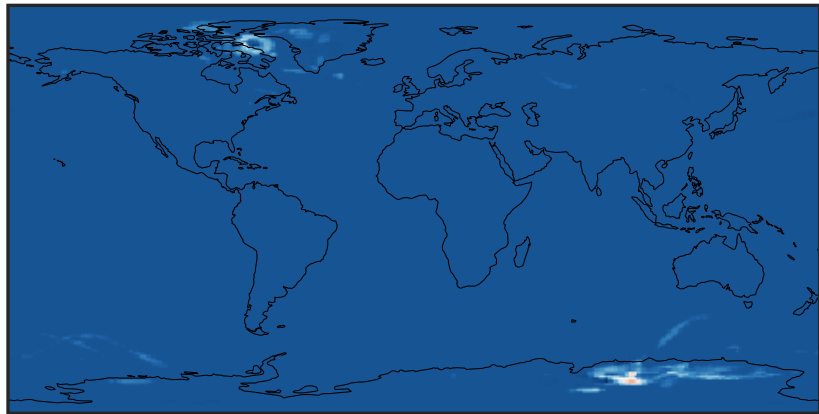
GCC 14.2.2 (Ref)
4.0x5.0



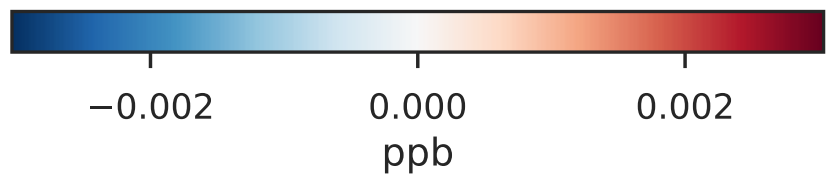
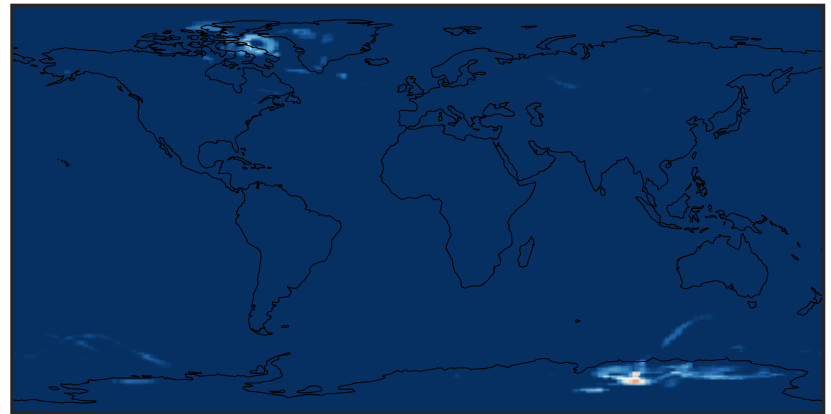
GCHP 14.2.2 using mass flux (Dev)
c180



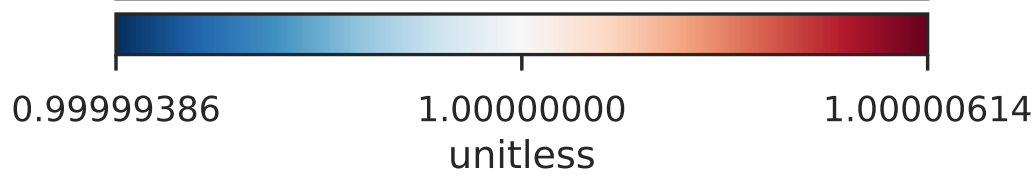
Difference (1x1.25)
Dev - Ref, Dynamic Range



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



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



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

