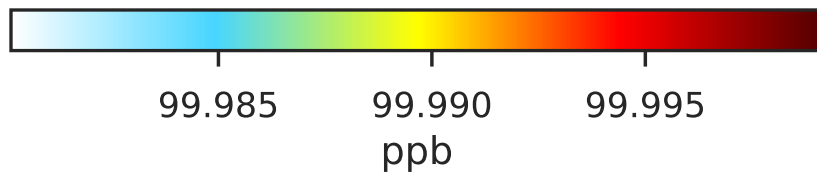
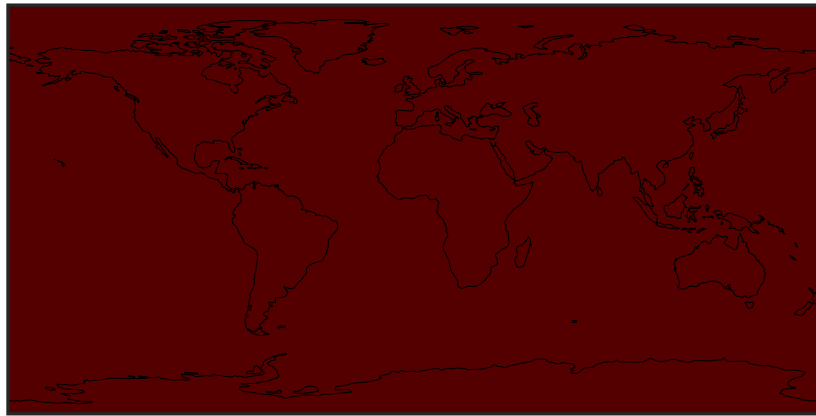
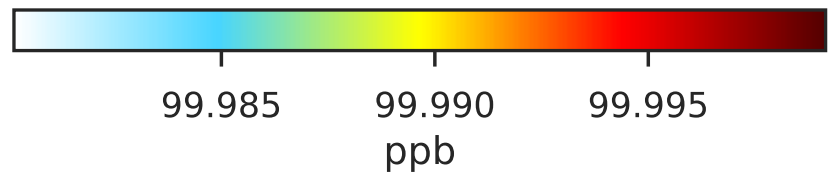
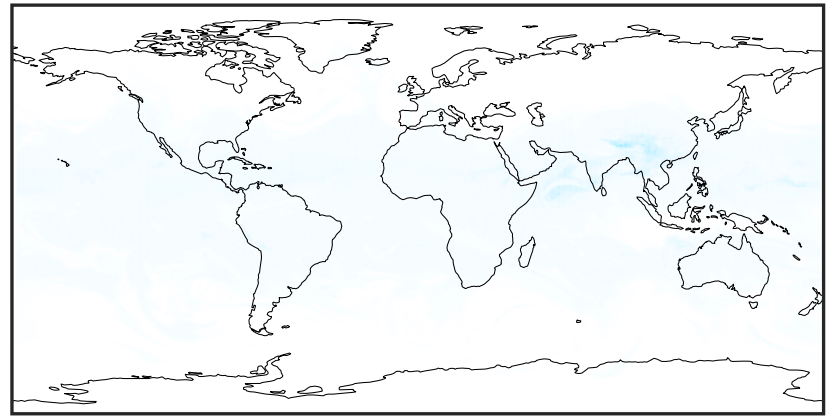


SpeciesConcVV_PassiveTracer (Apr2019)

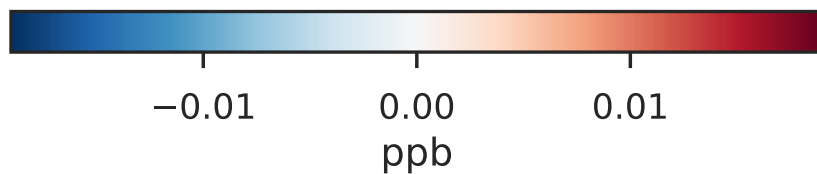
GCC 14.2.2 (Ref)
4.0x5.0



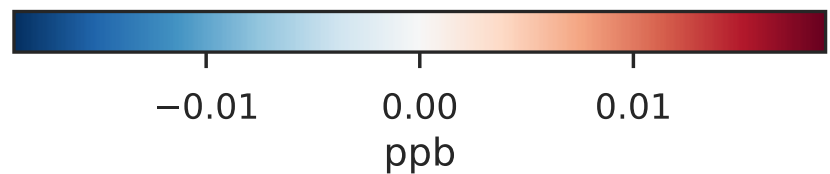
GCHP 14.2.2 using wind (Dev)
c180



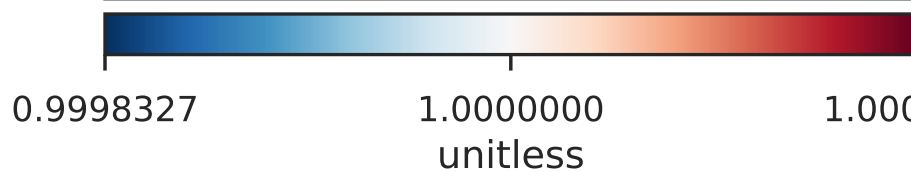
Difference (1x1.25)
Dev - Ref, Dynamic Range



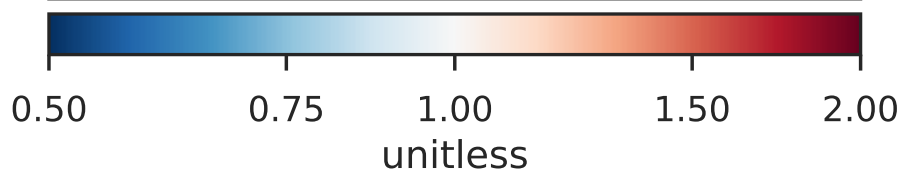
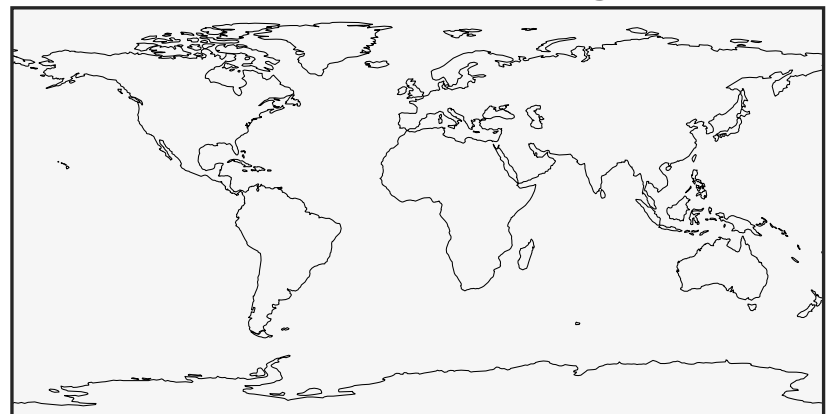
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

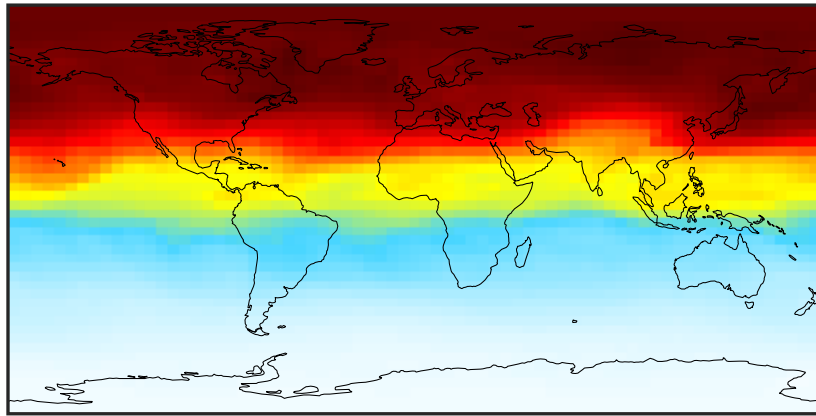


Ratio (1x1.25)
Dev/Ref, Fixed Range



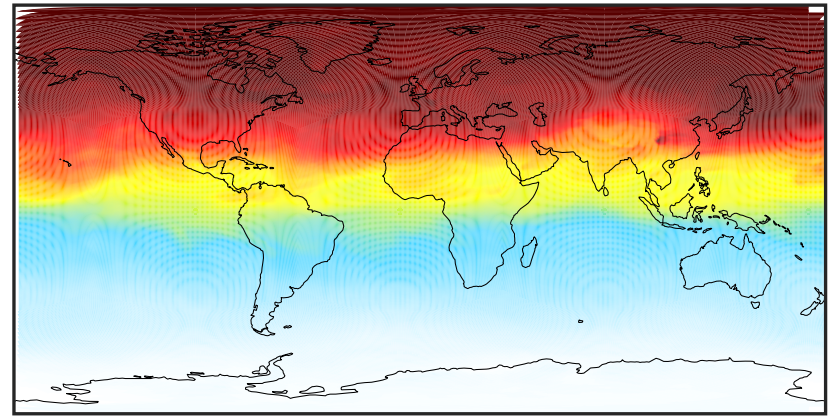
SpeciesConcVV_SF6 (Apr2019)

GCC 14.2.2 (Ref)
4.0x5.0



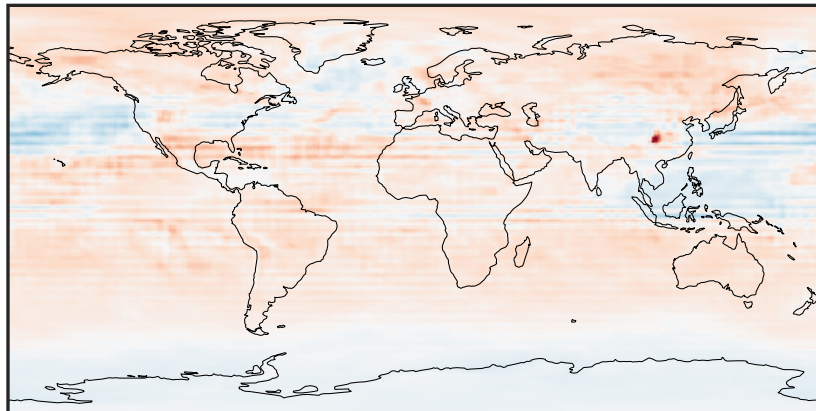
0.0025 0.0026 0.0027 0.0028
ppb

GCHP 14.2.2 using wind (Dev)
c180



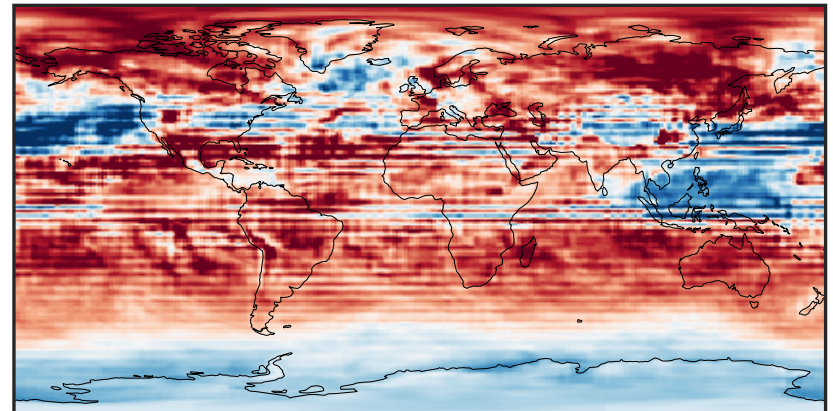
0.0025 0.0026 0.0027 0.0028
ppb

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



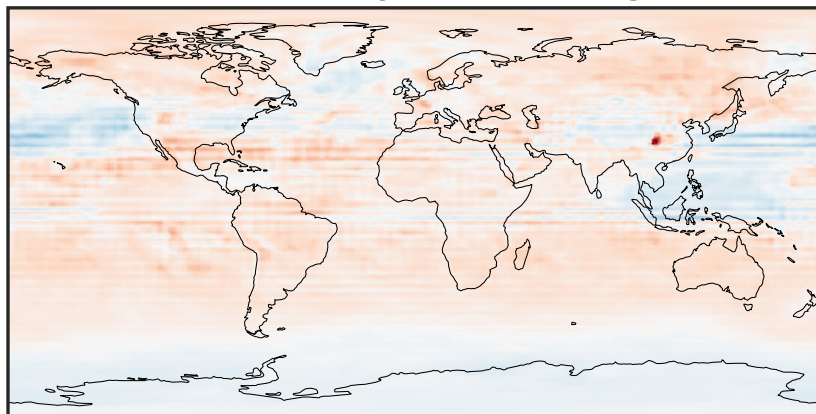
-4 0 4
ppb 1e-5

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



-8 0 8
ppb 1e-6

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



0.97401 0.98701 1.00000 1.01334 1.02668
unitless

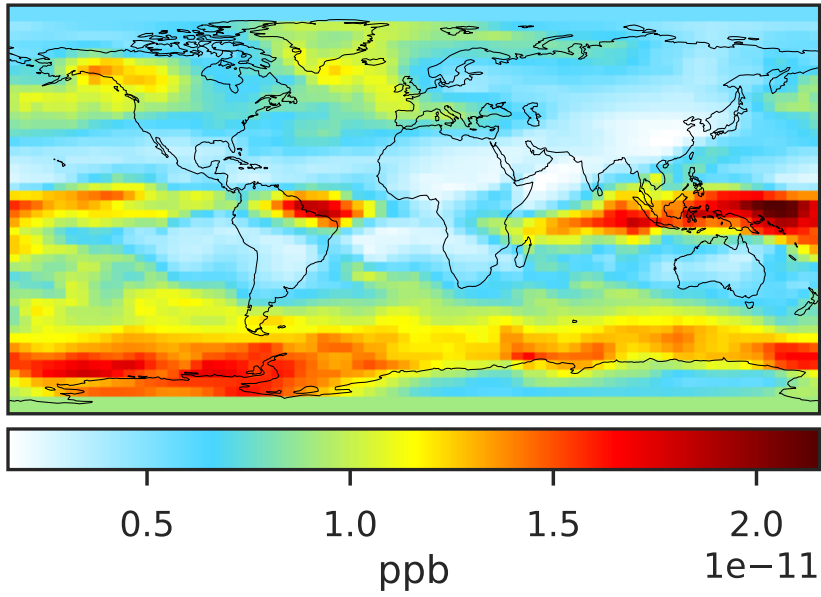
Ratio (1x1.25)
Dev/Ref, Fixed Range



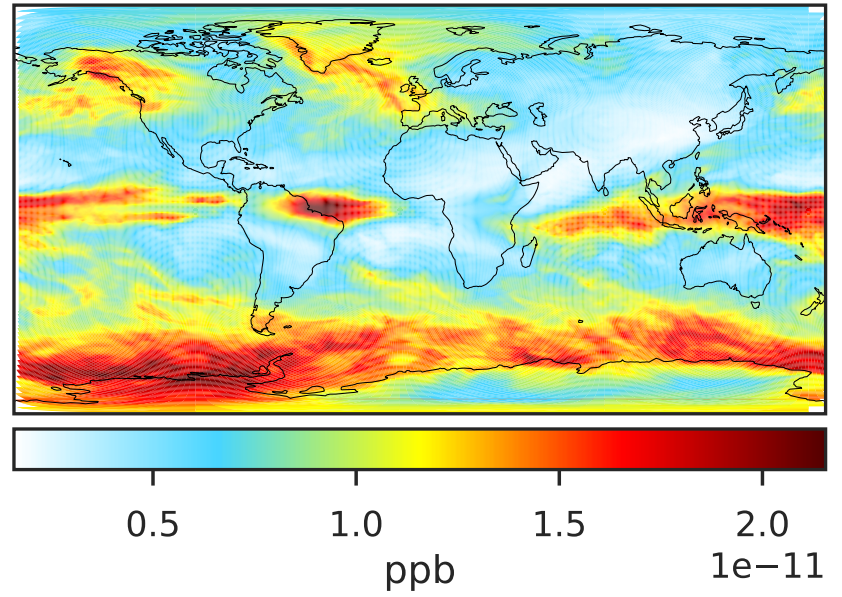
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_CH3I (Apr2019)

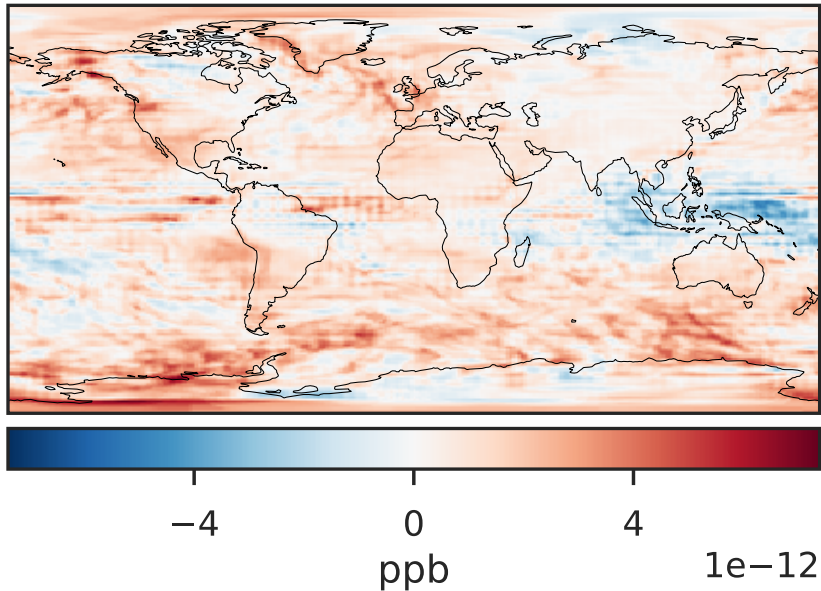
GCC 14.2.2 (Ref)
4.0x5.0



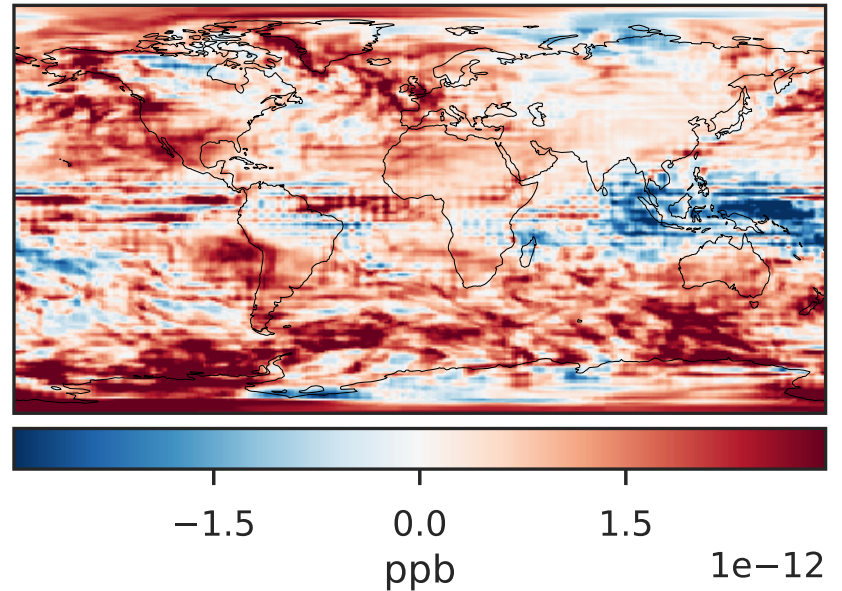
GCHP 14.2.2 using wind (Dev)
c180



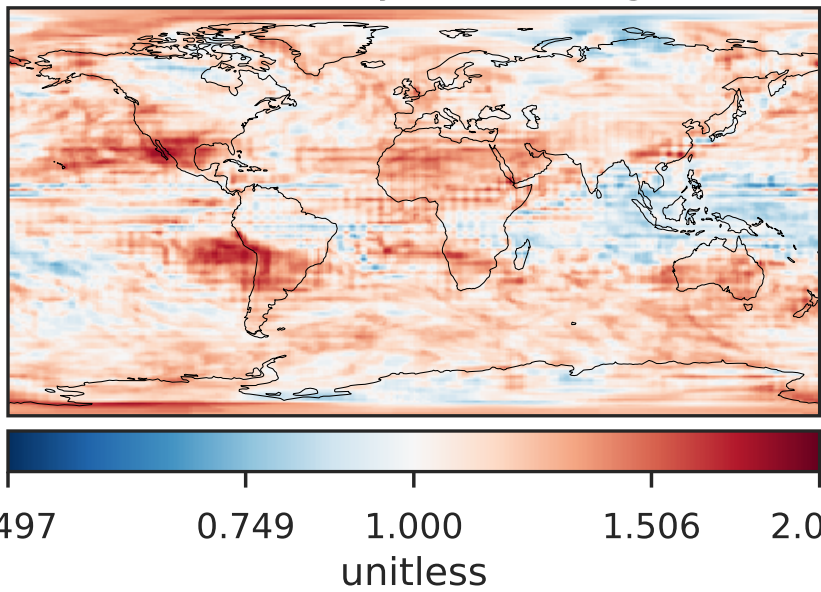
Difference (1x1.25)
Dev - Ref, Dynamic Range



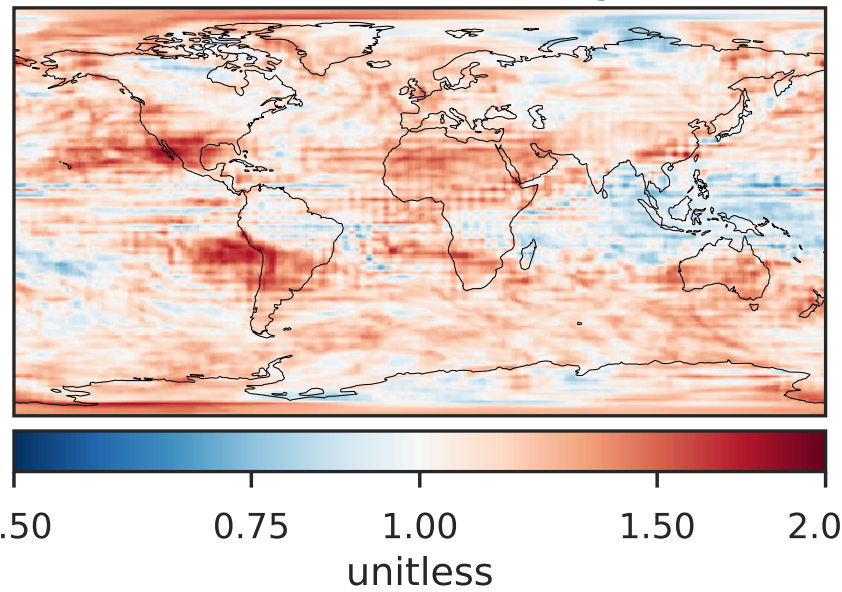
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

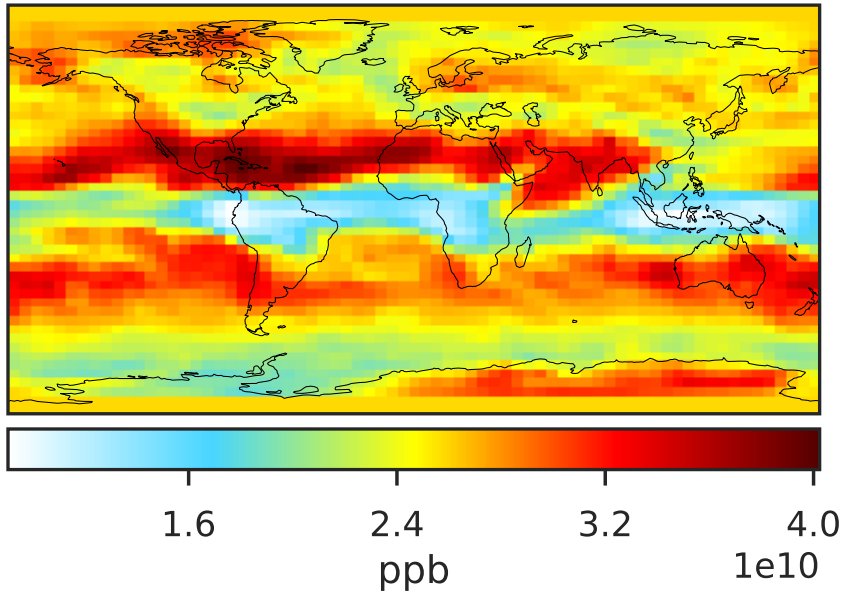


Ratio (1x1.25)
Dev/Ref, Fixed Range

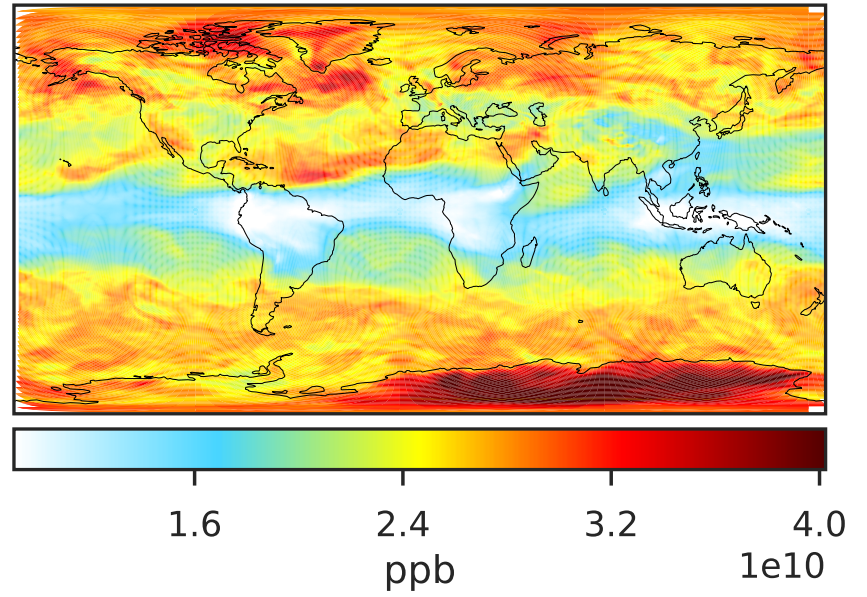


SpeciesConcVV_aoa (Apr2019)

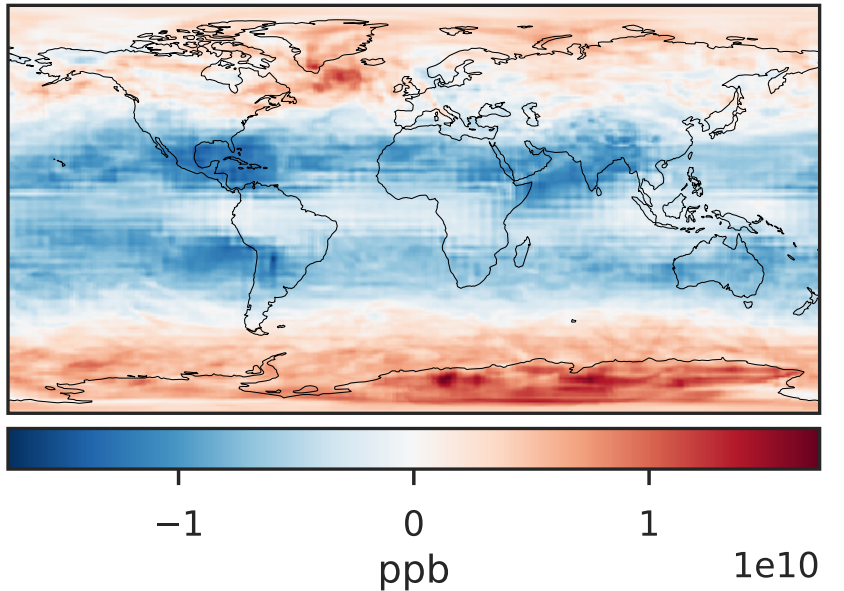
GCC 14.2.2 (Ref)
4.0x5.0



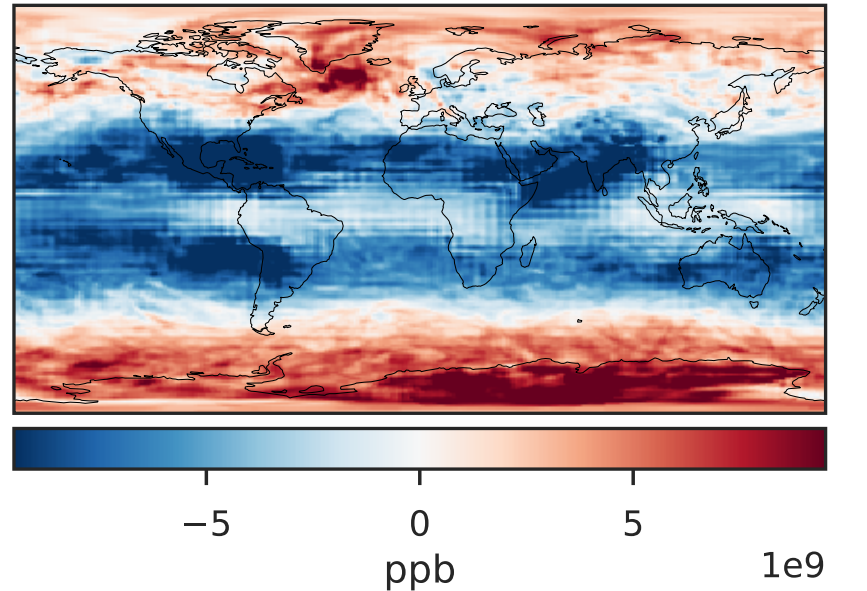
GCHP 14.2.2 using wind (Dev)
c180



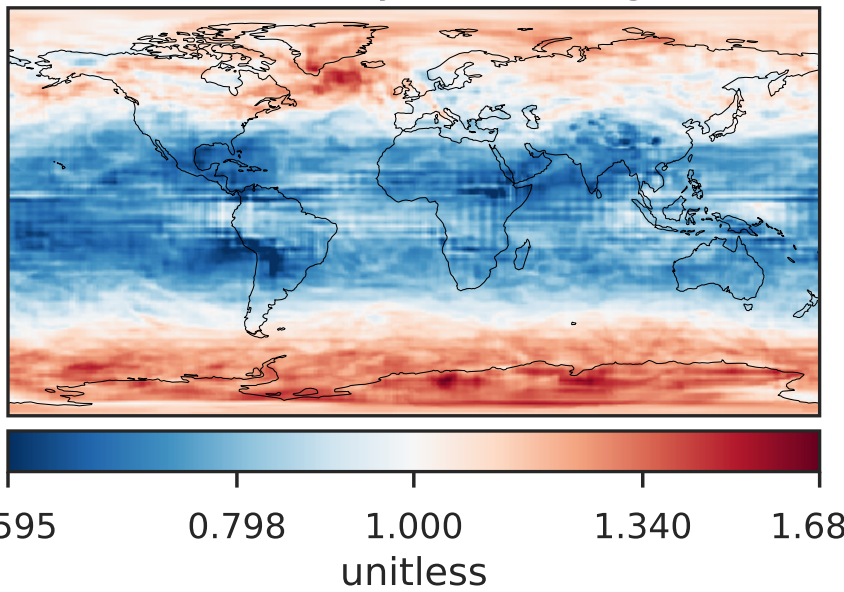
Difference (1x1.25)
Dev - Ref, Dynamic Range



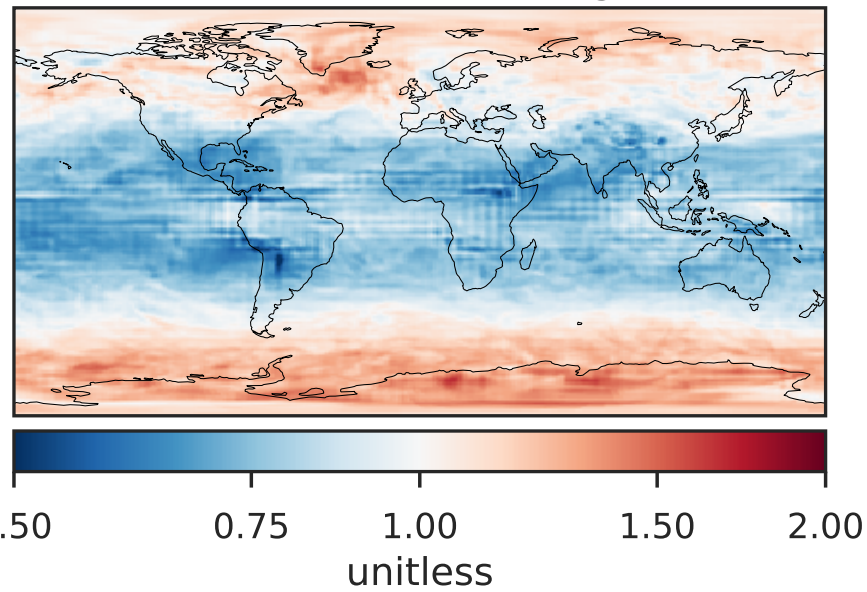
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

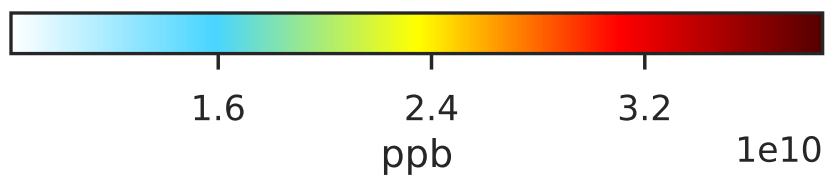
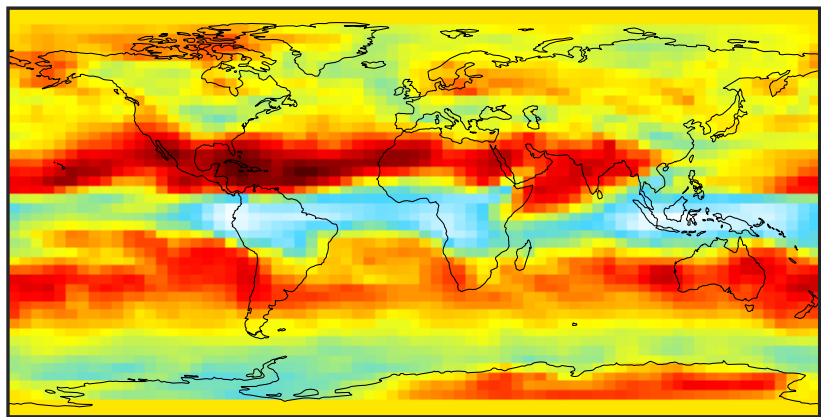


Ratio (1x1.25)
Dev/Ref, Fixed Range

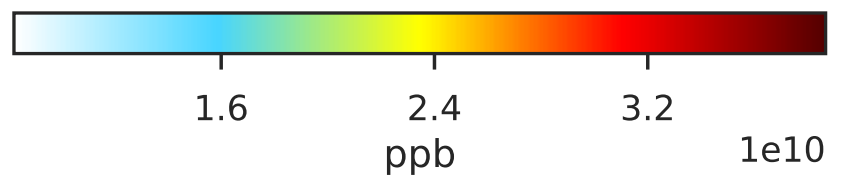
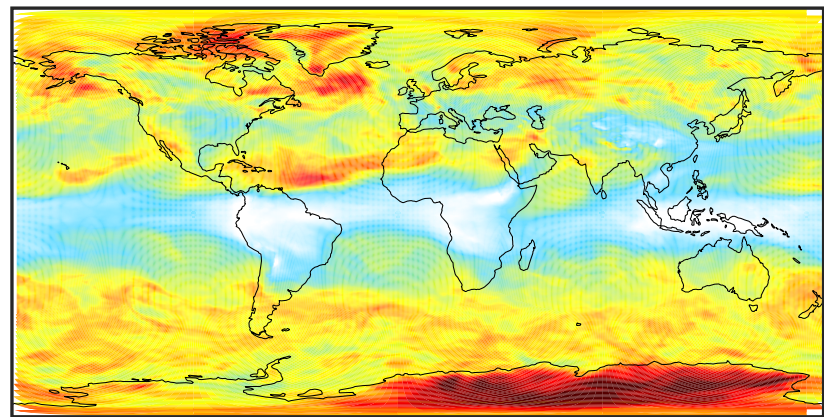


SpeciesConcVV_aoa_bl (Apr2019)

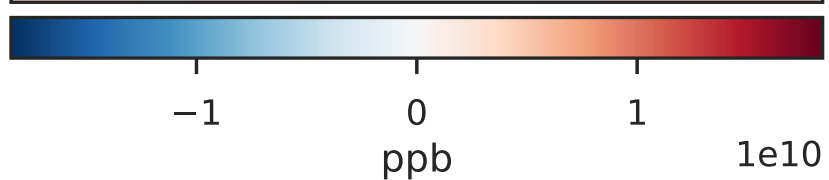
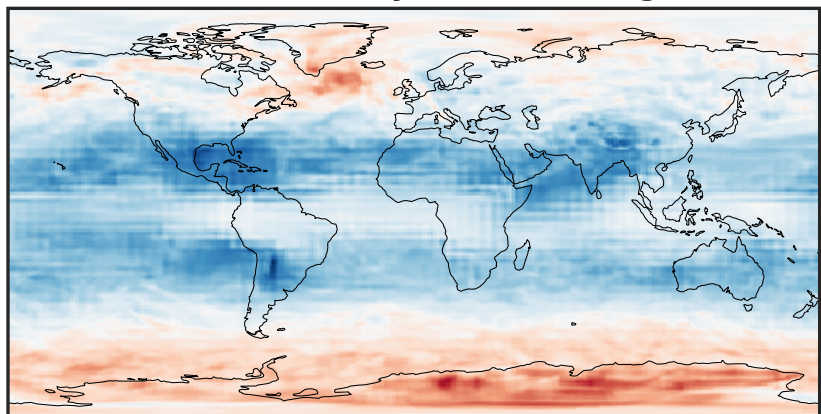
GCC 14.2.2 (Ref)
4.0x5.0



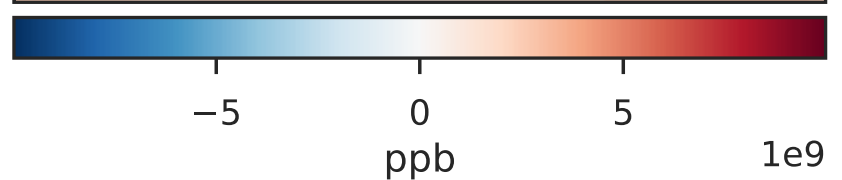
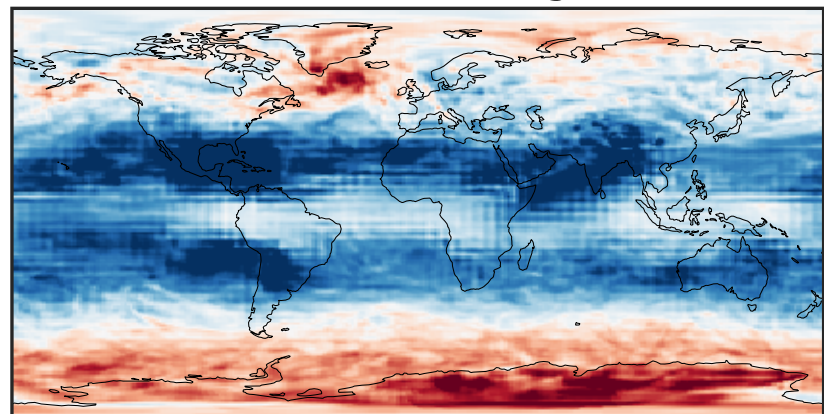
GCHP 14.2.2 using wind (Dev)
c180



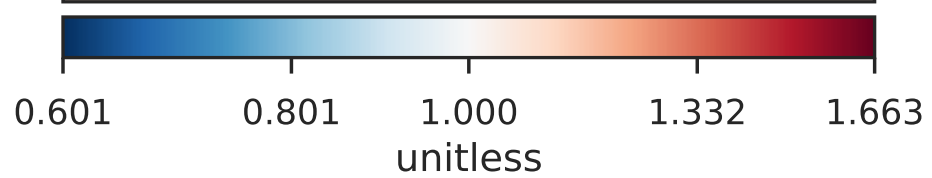
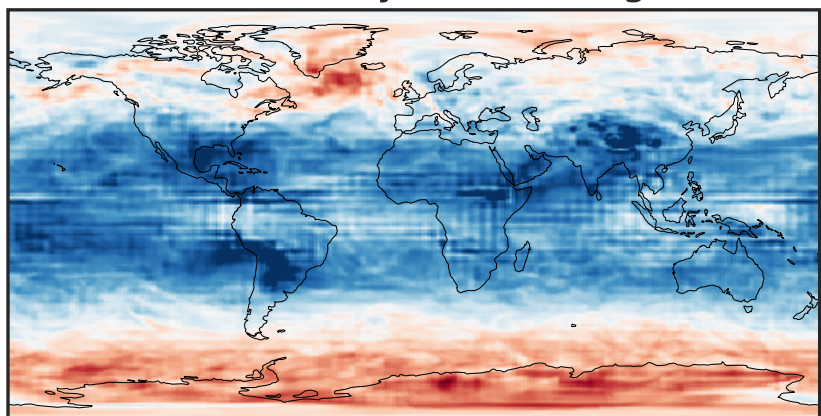
Difference (1x1.25)
Dev - Ref, Dynamic Range



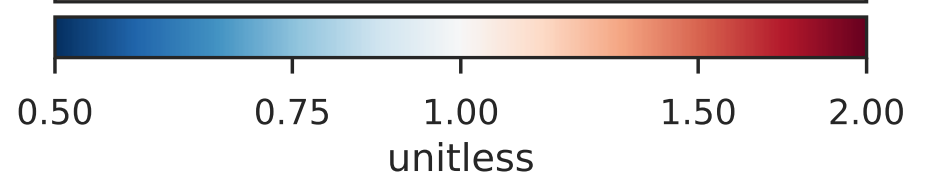
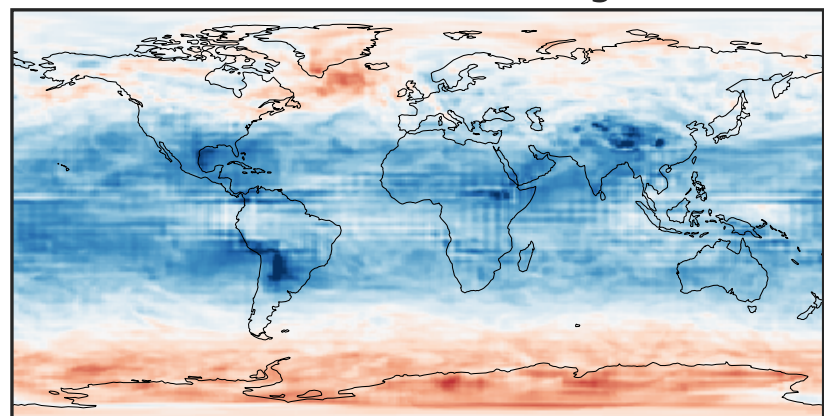
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

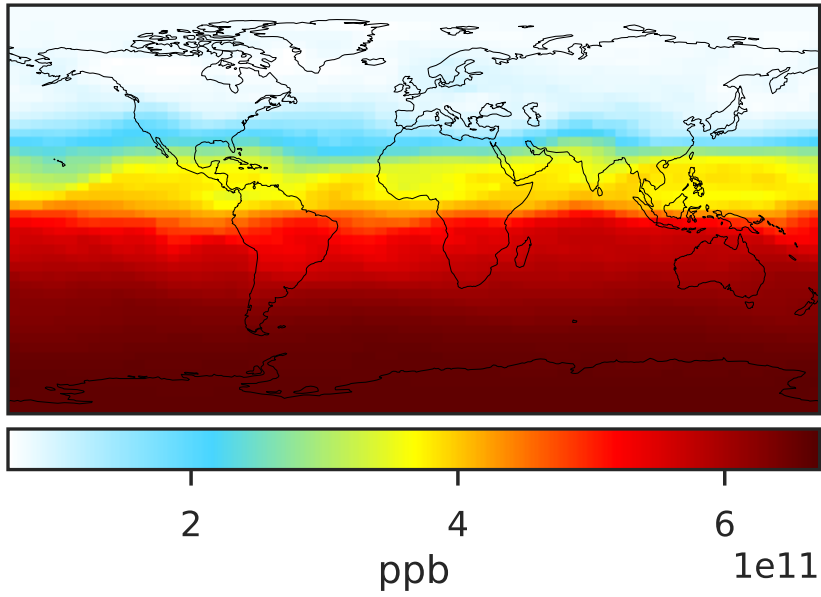


Ratio (1x1.25)
Dev/Ref, Fixed Range

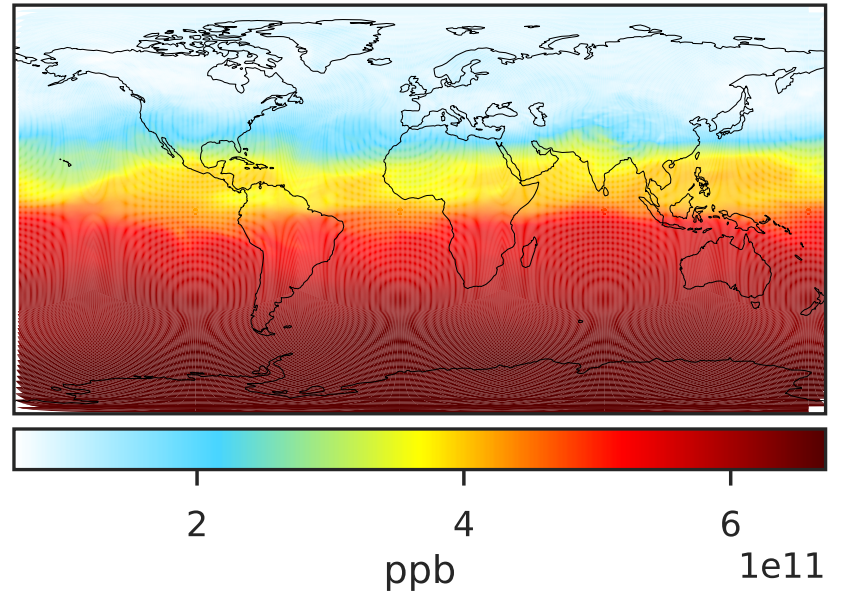


SpeciesConcVW_aoa_nh (Apr2019)

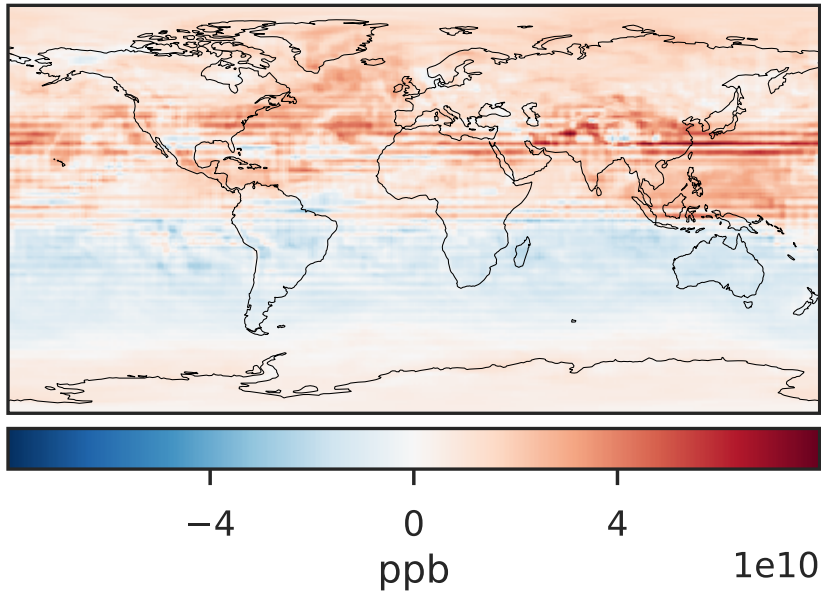
GCC 14.2.2 (Ref)
4.0x5.0



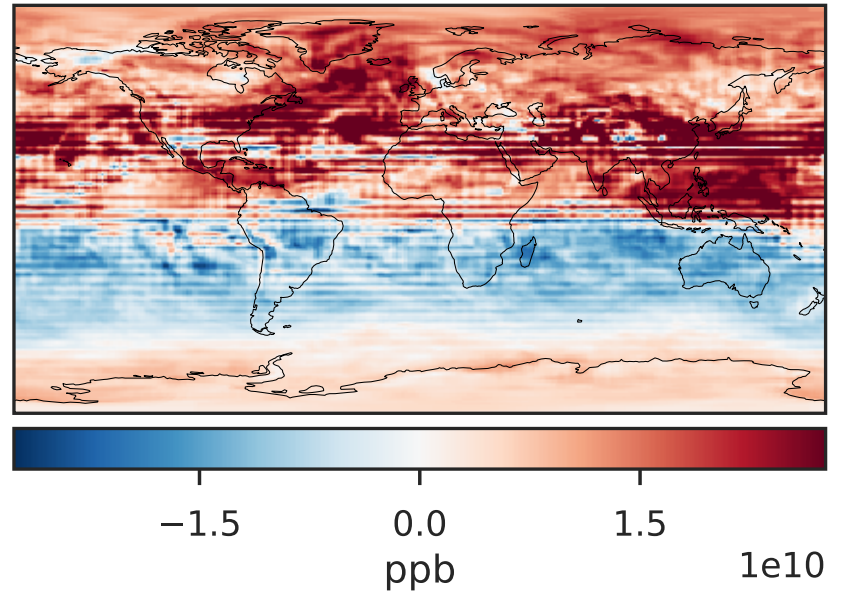
GCHP 14.2.2 using wind (Dev)
c180



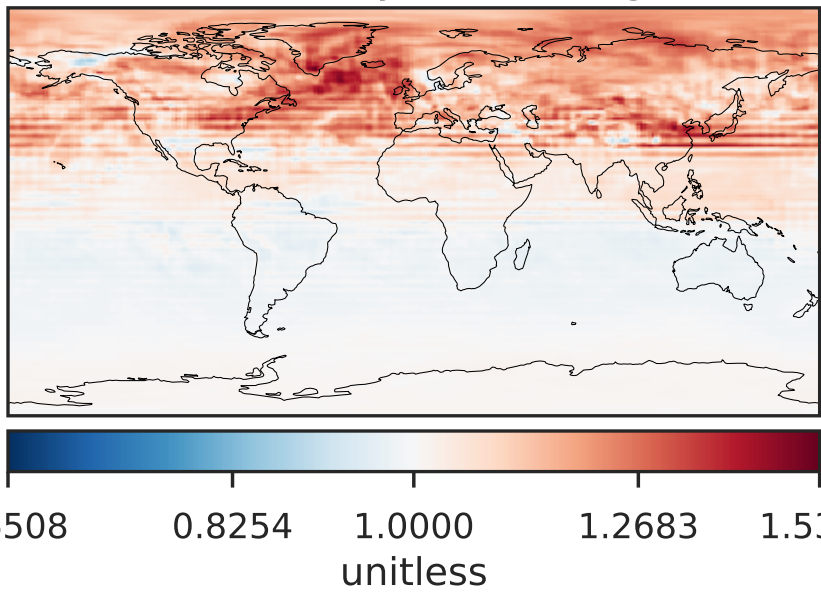
Difference (1x1.25)
Dev - Ref, Dynamic Range



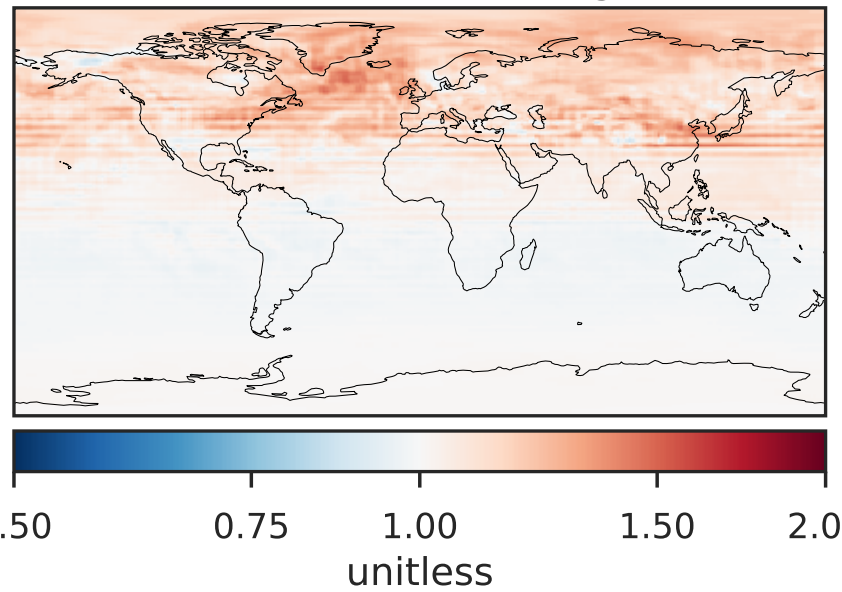
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

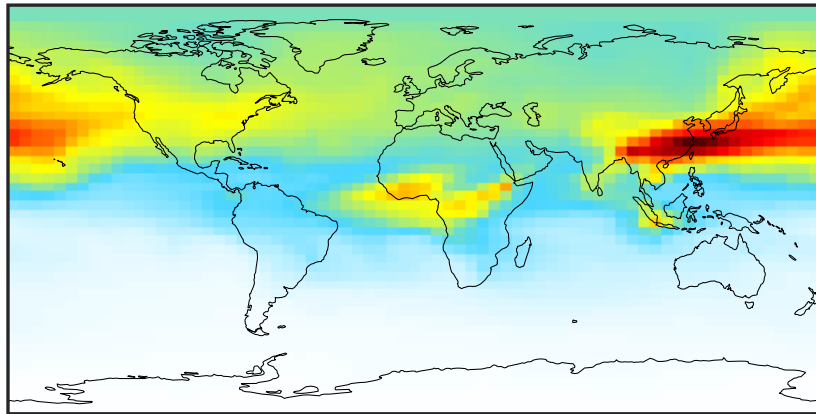


Ratio (1x1.25)
Dev/Ref, Fixed Range



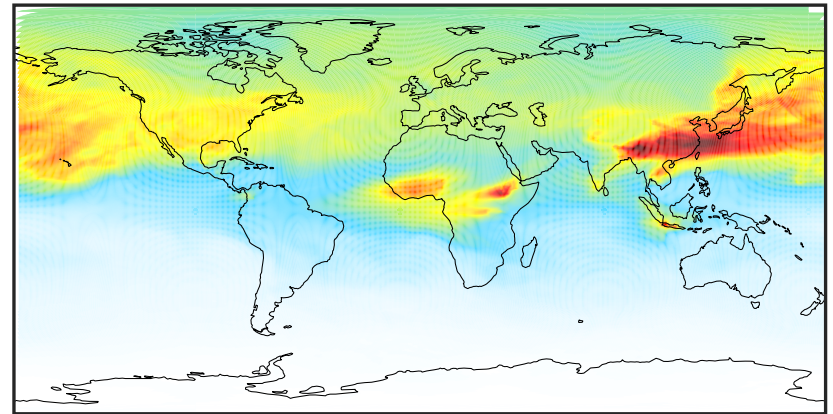
SpeciesConcVV_CO_25 (Apr2019)

GCC 14.2.2 (Ref)
4.0x5.0



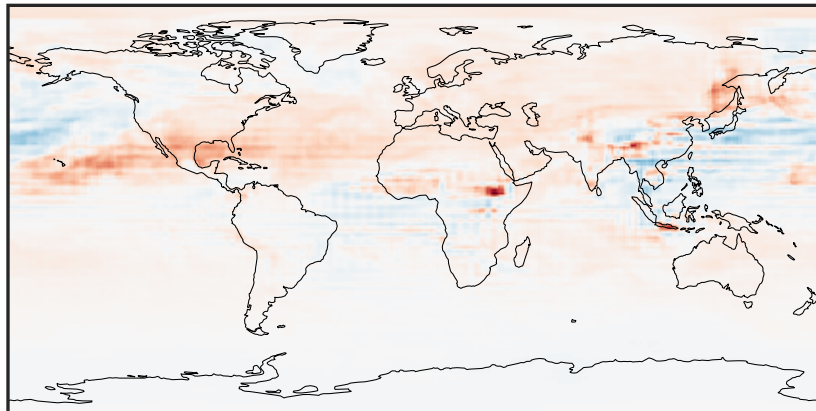
0.63 8.63 16.62 24.62 32.62
ppb

GCHP 14.2.2 using wind (Dev)
c180



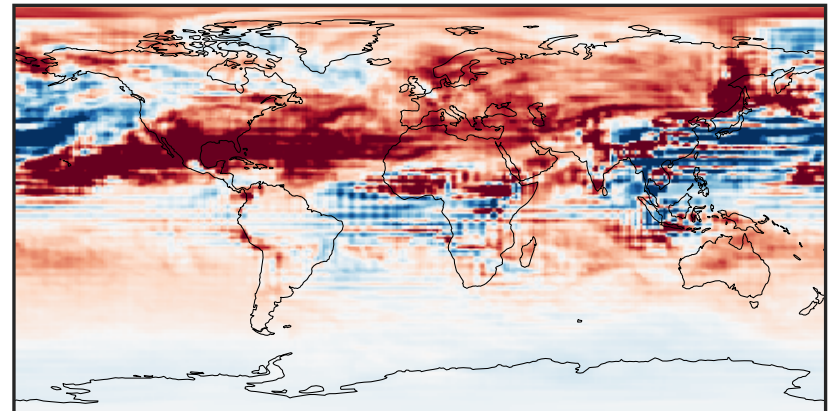
0.63 8.63 16.62 24.62 32.62
ppb

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



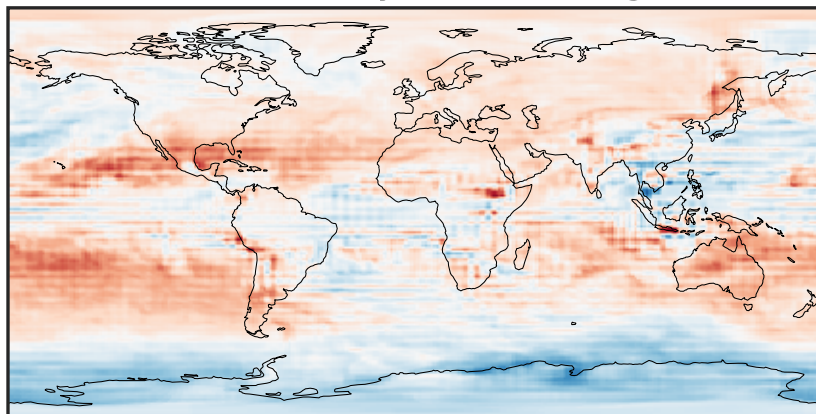
-10.30 -5.15 0.00 5.15 10.30
ppb

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



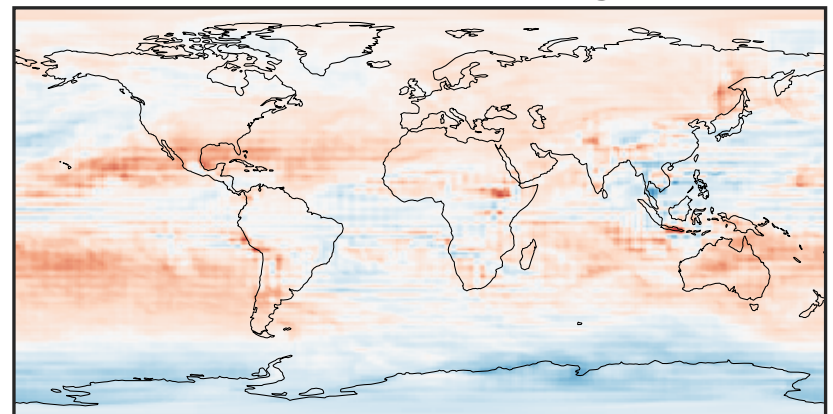
-1.684 -0.842 0.000 0.842 1.684
ppb

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



0.593 0.797 1.000 1.343 1.686
unitless

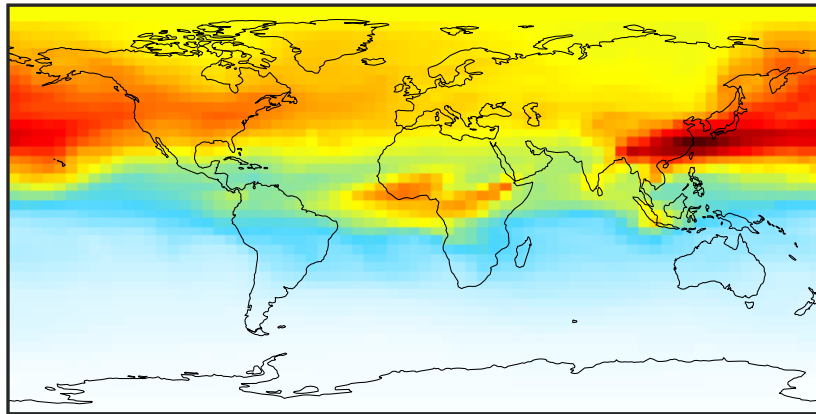
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

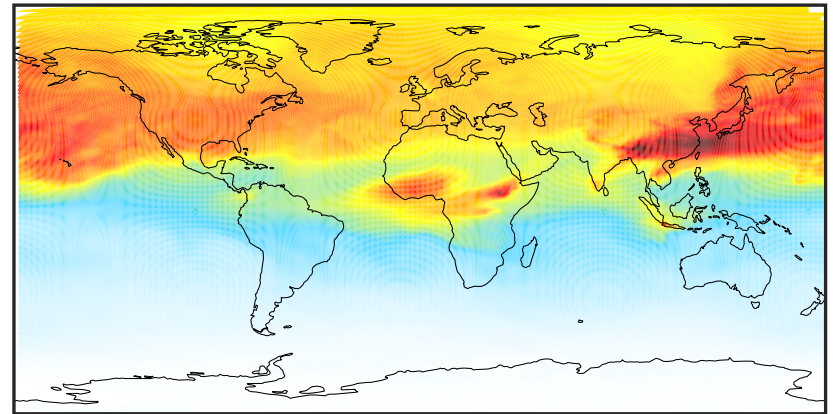
SpeciesConcVV_CO_50 (Apr2019)

GCC 14.2.2 (Ref)
4.0x5.0



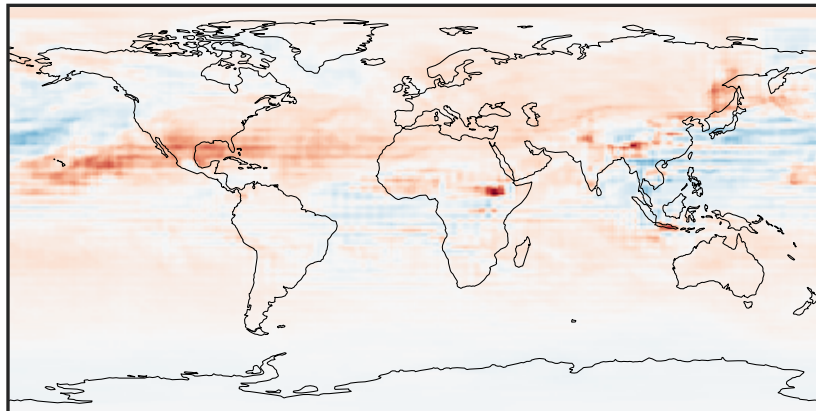
2.99 14.01 25.02 36.04 47.06
ppb

GCHP 14.2.2 using wind (Dev)
c180



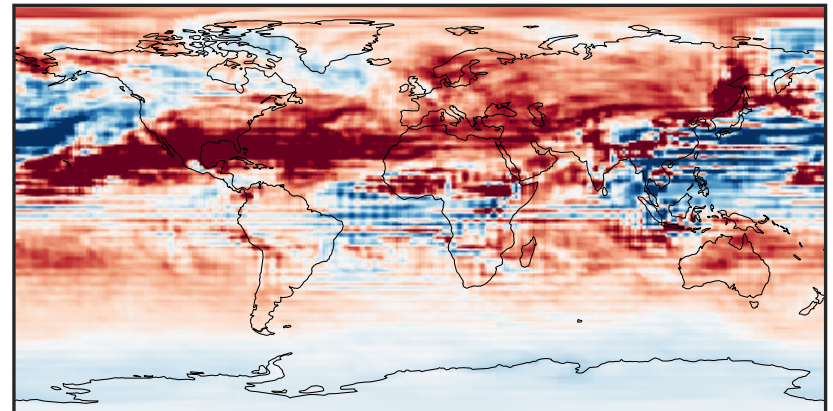
2.99 14.01 25.02 36.04 47.06
ppb

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



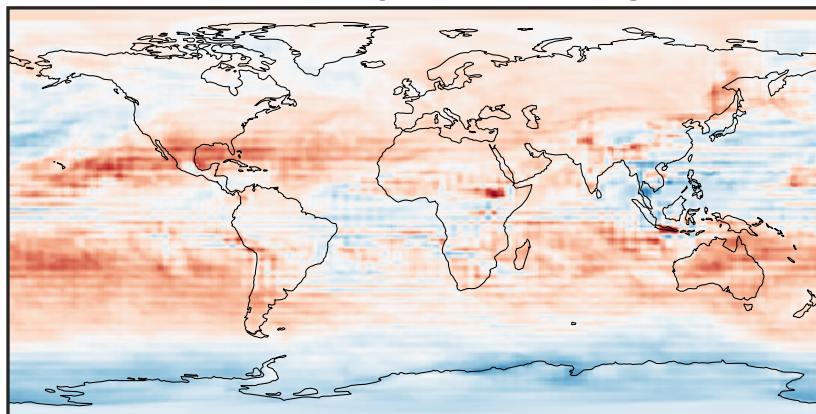
-10.90 -5.45 0.00 5.45 10.90
ppb

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



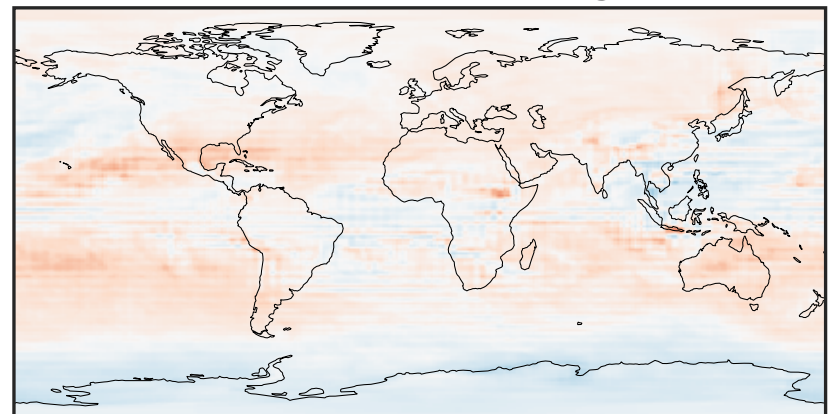
-2.157 -1.078 0.000 1.078 2.157
ppb

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



0.7164 0.8582 1.0000 1.1979 1.3958
unitless

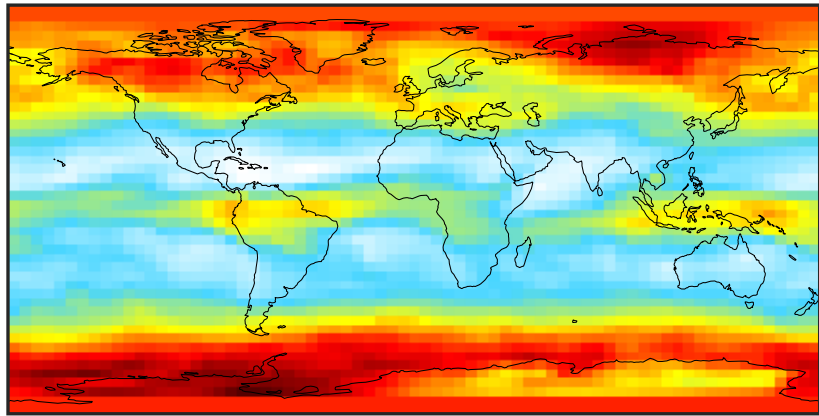
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

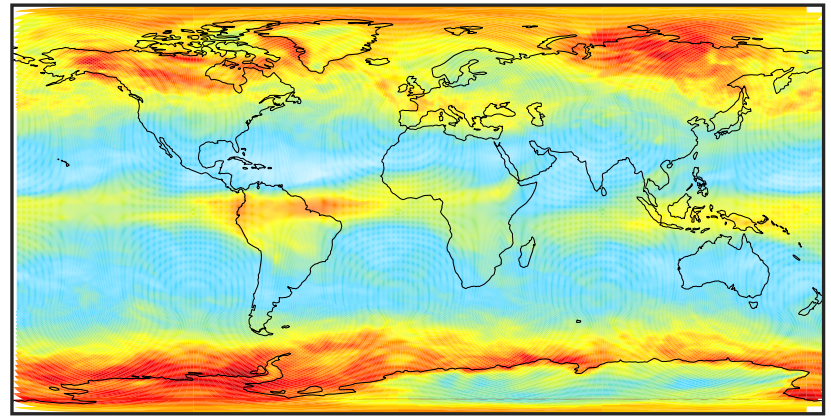
SpeciesConcVV_e90 (Apr2019)

GCC 14.2.2 (Ref)
4.0x5.0



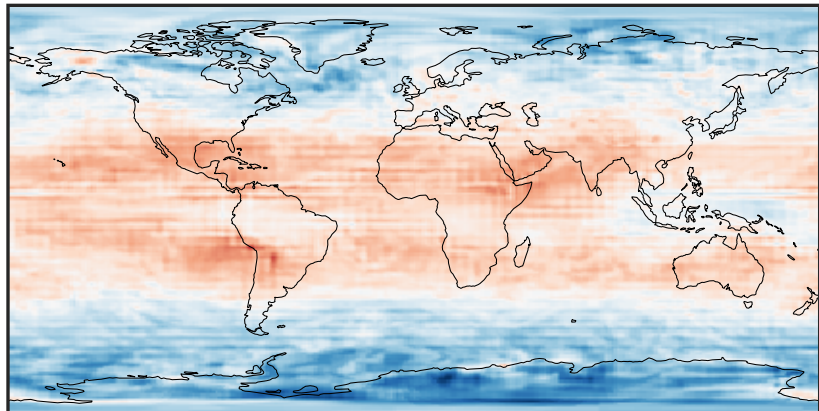
62.41 68.80 75.19 81.58 87.97
ppb

GCHP 14.2.2 using wind (Dev)
c180



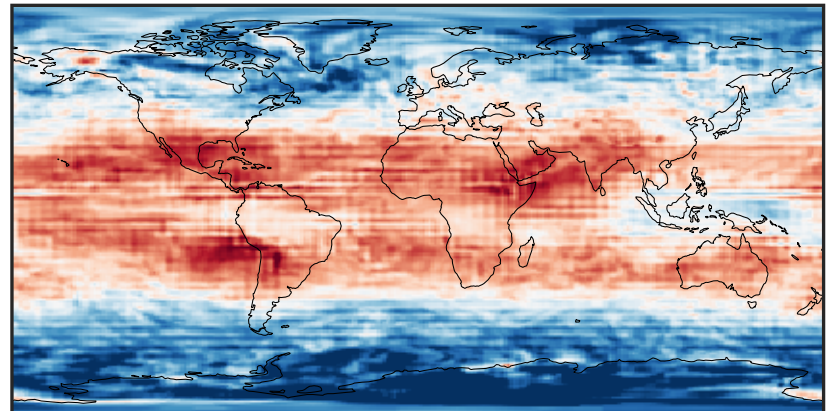
62.41 68.80 75.19 81.58 87.97
ppb

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



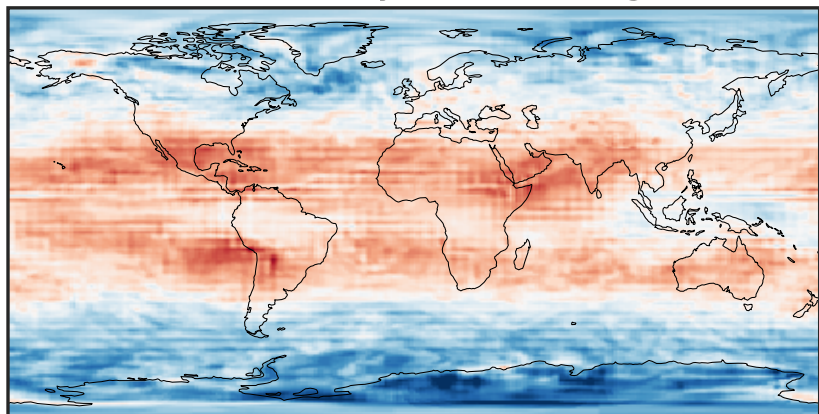
-9.71 -4.85 0.00 4.85 9.71
ppb

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



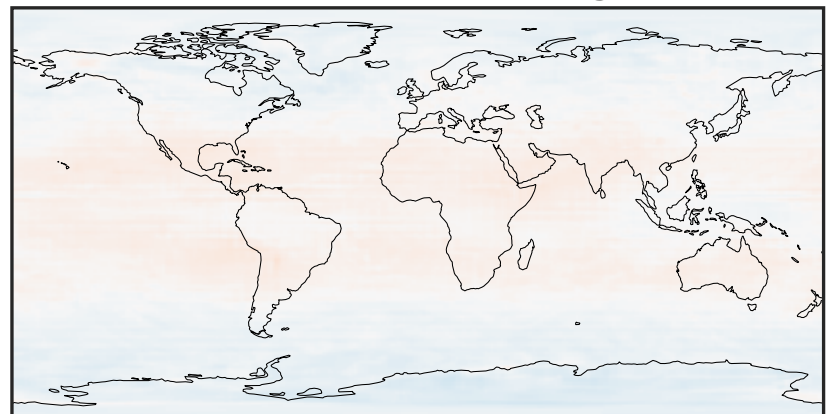
-5.04 -2.52 0.00 2.52 5.04
ppb

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



0.9006 0.9503 1.0000 1.0552 1.1104
unitless

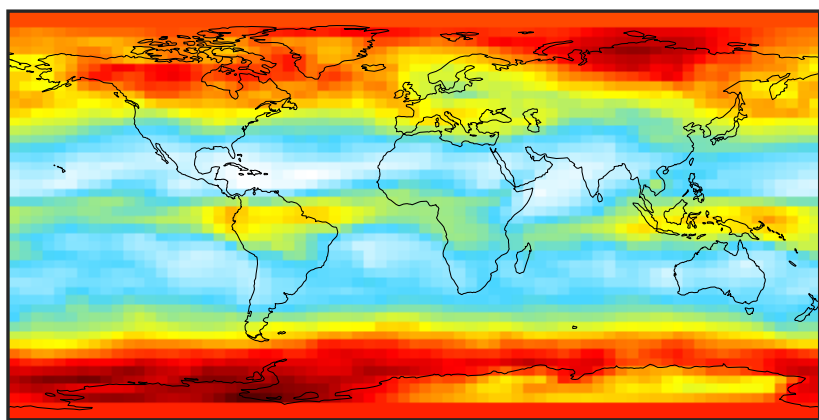
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

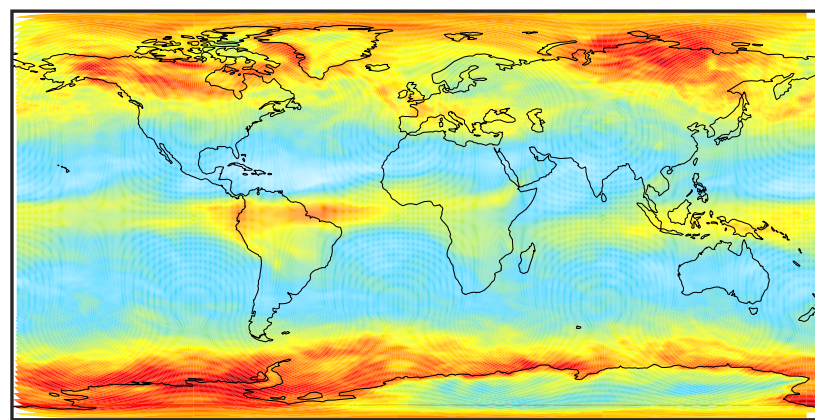
SpeciesConcVV_e90_n (Apr2019)

GCC 14.2.2 (Ref)
4.0x5.0



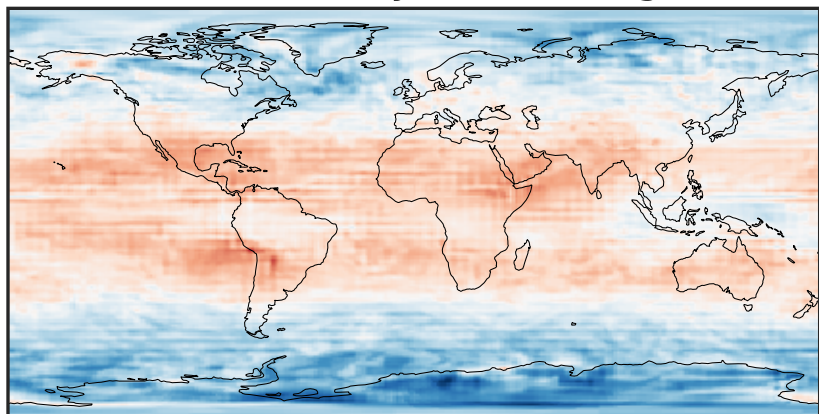
62.41 68.80 75.19 81.58 87.97
ppb

GCHP 14.2.2 using wind (Dev)
c180



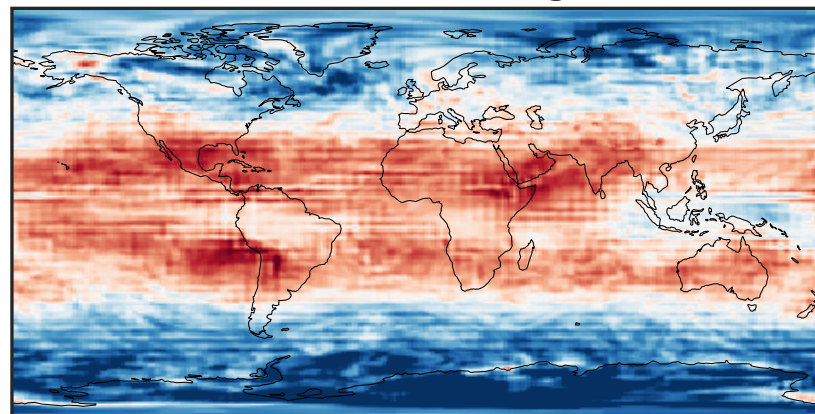
62.41 68.80 75.19 81.58 87.97
ppb

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



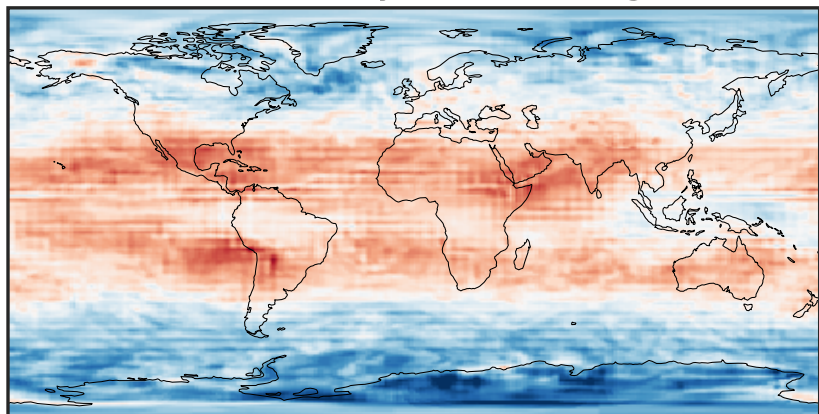
-9.71 -4.85 0.00 4.85 9.71
ppb

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



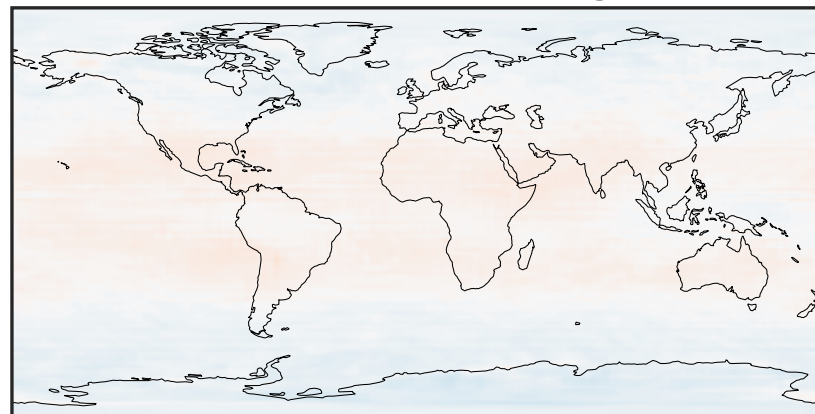
-5.04 -2.52 0.00 2.52 5.04
ppb

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



0.9006 0.9503 1.0000 1.0552 1.1104
unitless

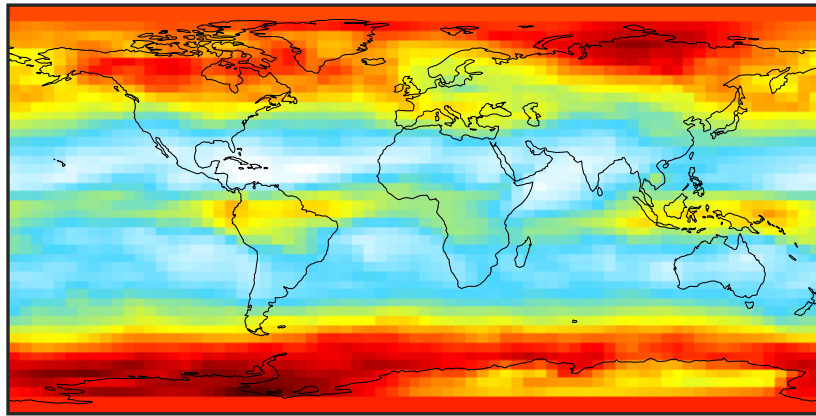
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

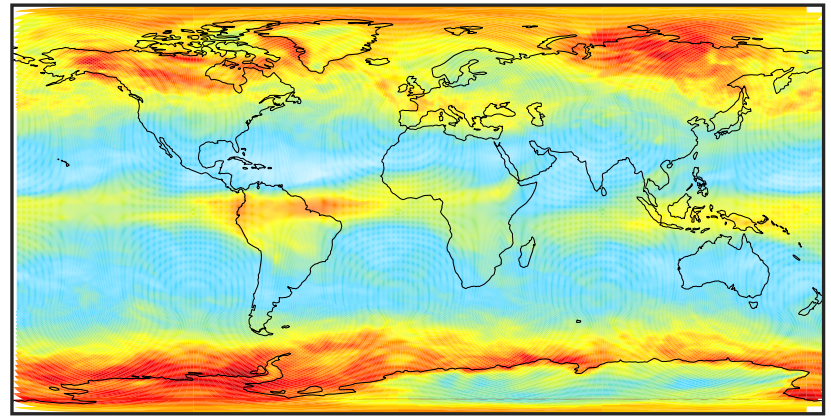
SpeciesConcVV_e90_s (Apr2019)

GCC 14.2.2 (Ref)
4.0x5.0



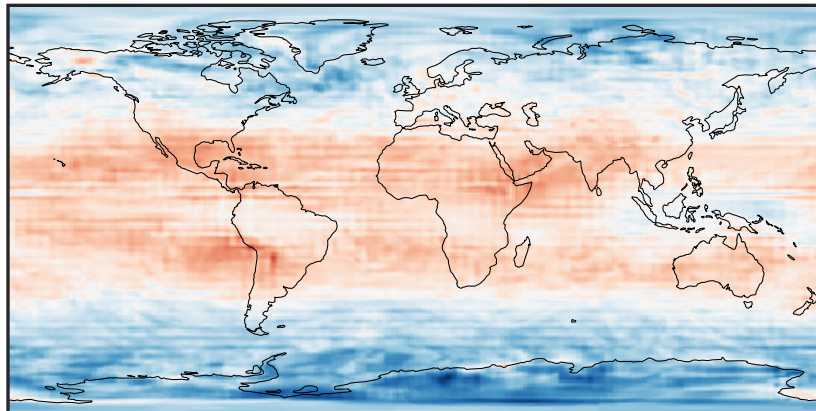
62.41 68.80 75.19 81.58 87.97
ppb

GCHP 14.2.2 using wind (Dev)
c180



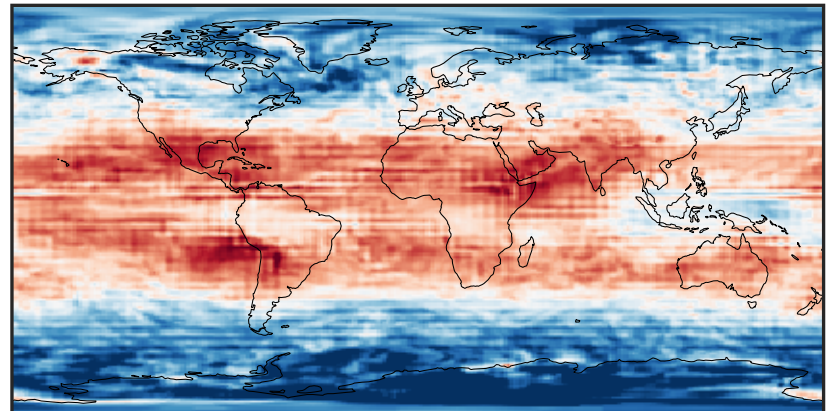
62.41 68.80 75.19 81.58 87.97
ppb

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



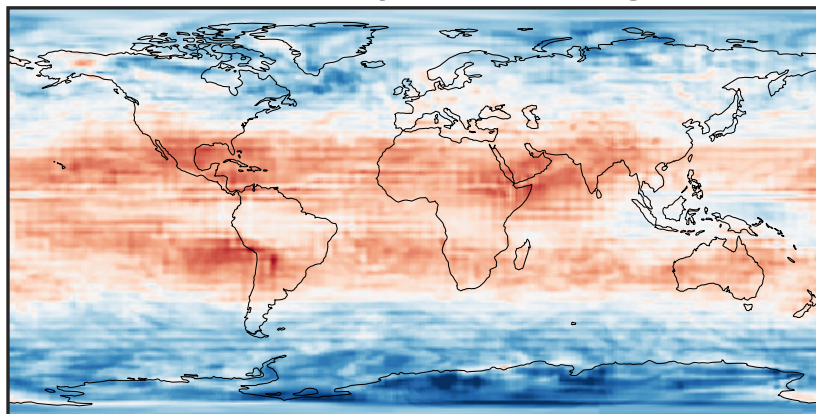
-9.71 -4.85 0.00 4.85 9.71
ppb

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



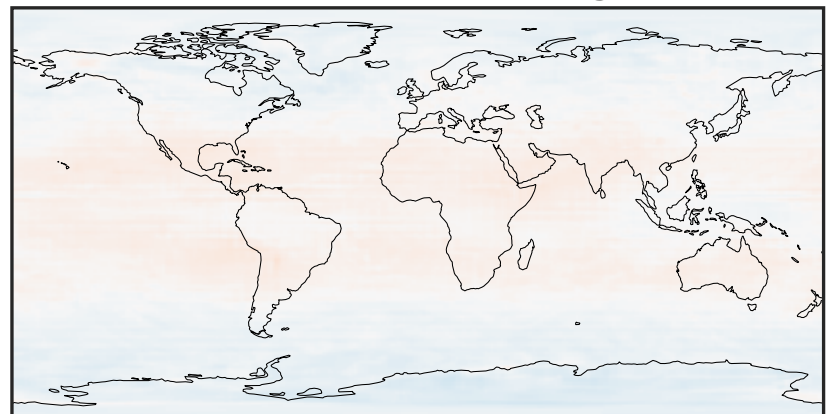
-5.04 -2.52 0.00 2.52 5.04
ppb

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



0.9006 0.9503 1.0000 1.0552 1.1104
unitless

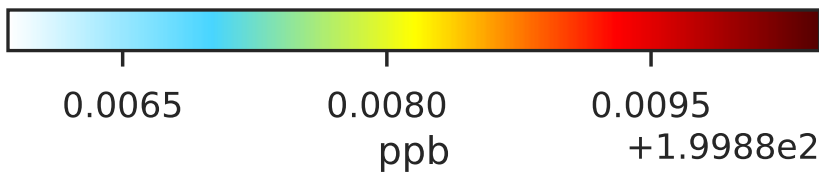
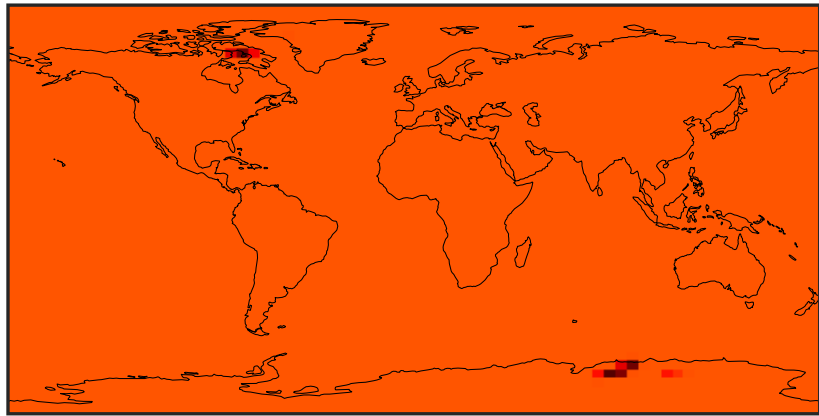
Ratio (1x1.25)
Dev/Ref, Fixed Range



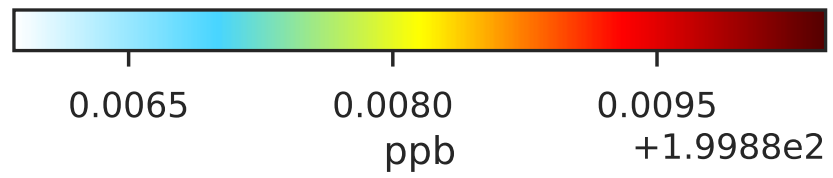
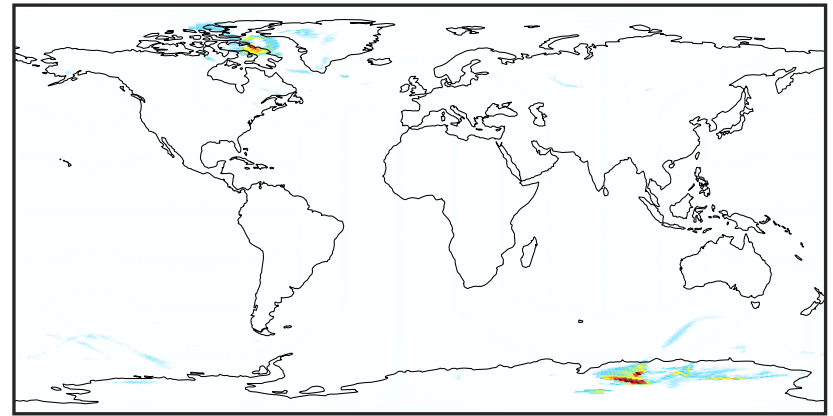
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_st80_25 (Apr2019)

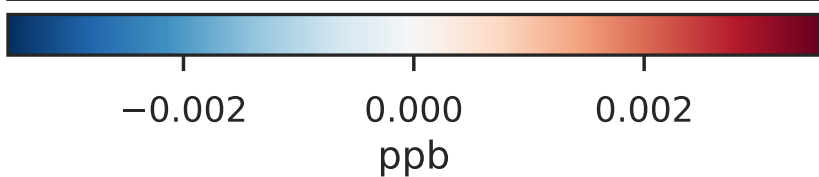
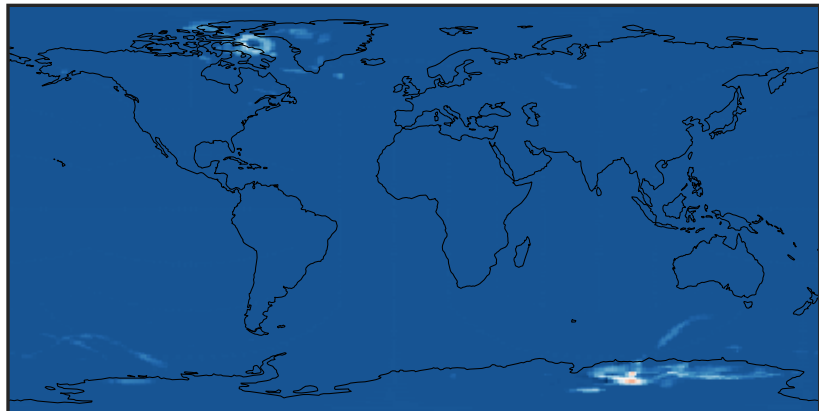
GCC 14.2.2 (Ref)
4.0x5.0



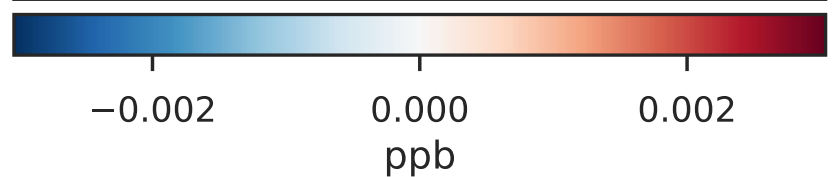
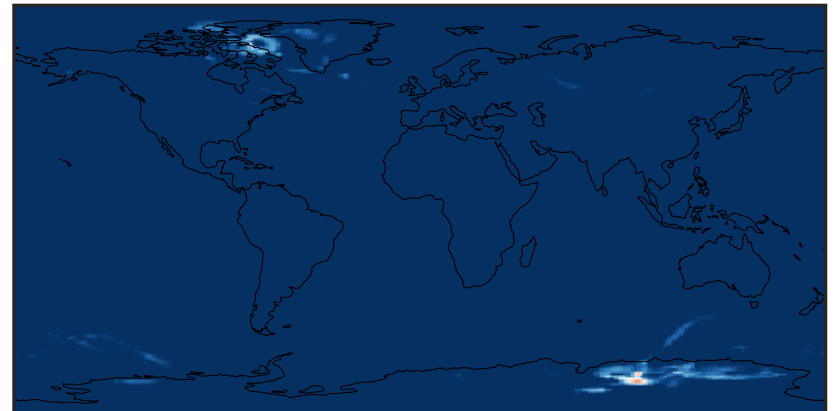
GCHP 14.2.2 using wind (Dev)
c180



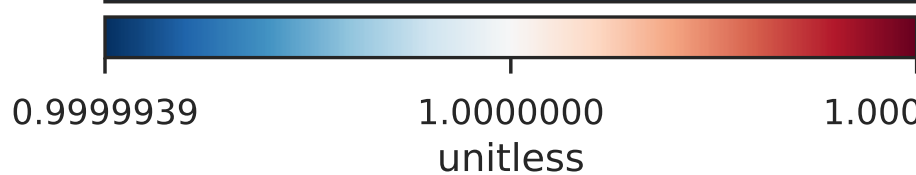
Difference (1x1.25)
Dev - Ref, Dynamic Range



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



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



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

