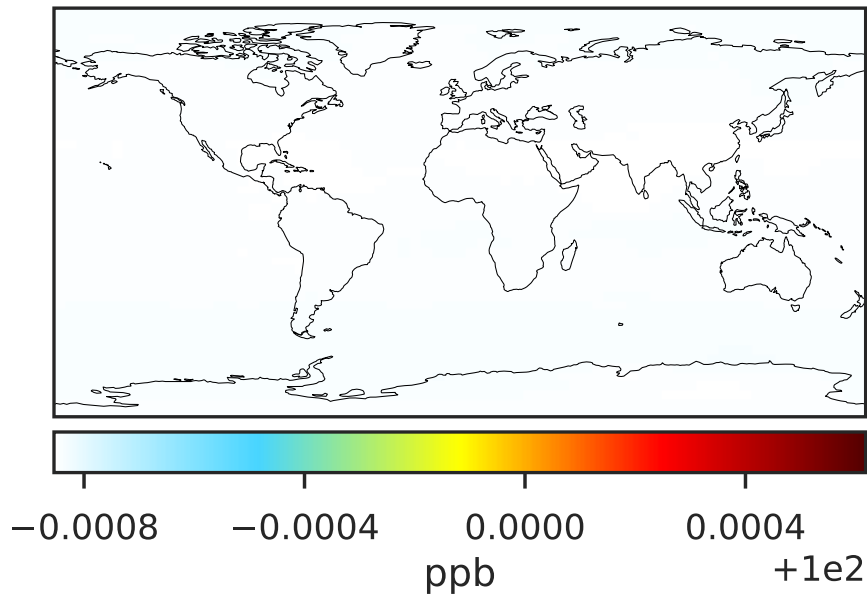
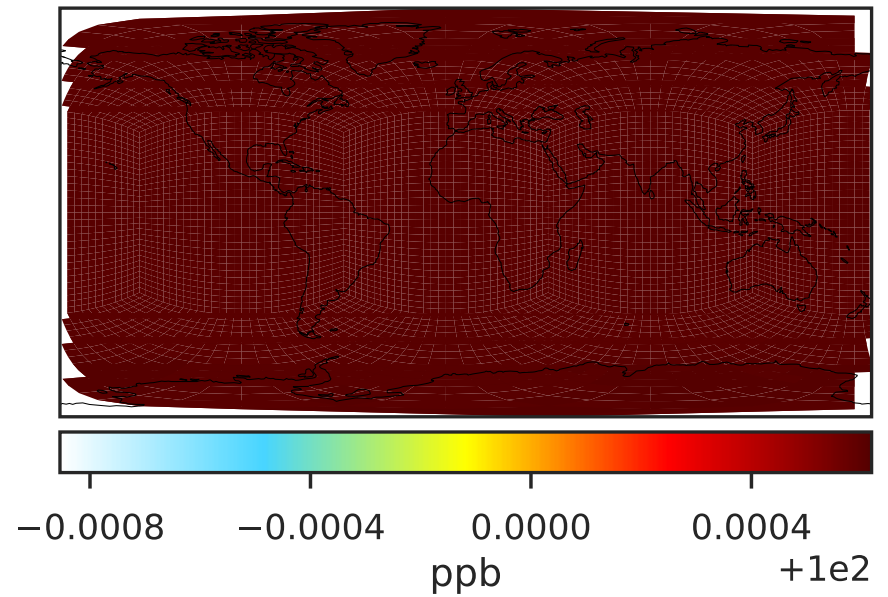


SpeciesConcVV_PassiveTracer (Jan2019)

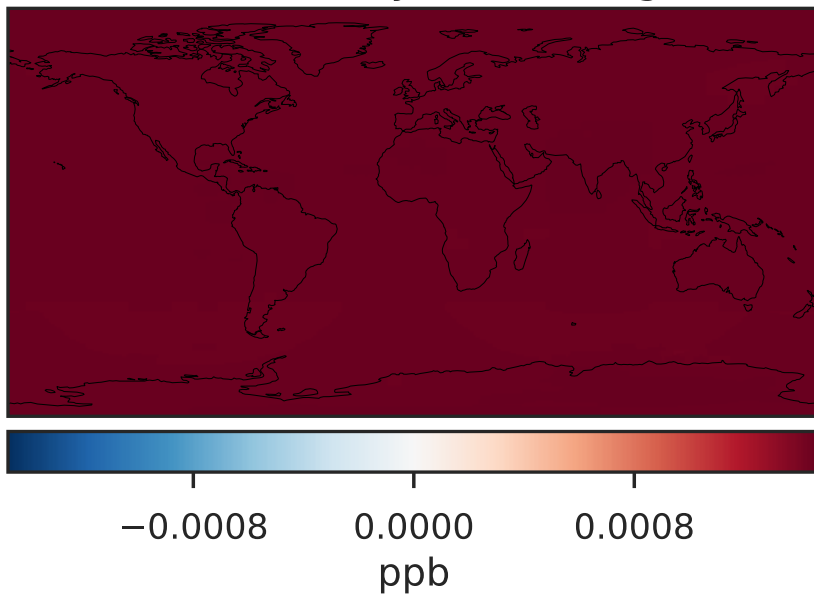
GCC 14.2.2 (Ref)
4.0x5.0



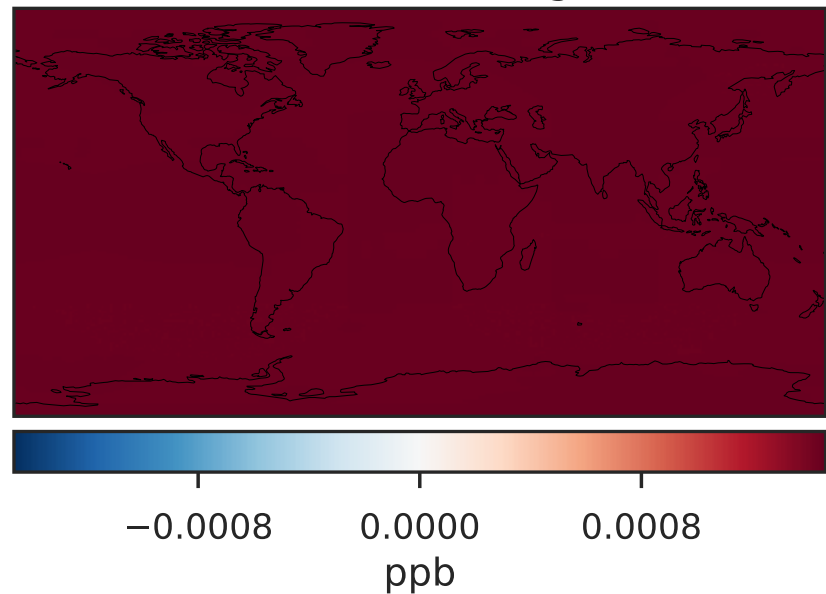
GCHP 14.2.2 using wind (Dev)
c30



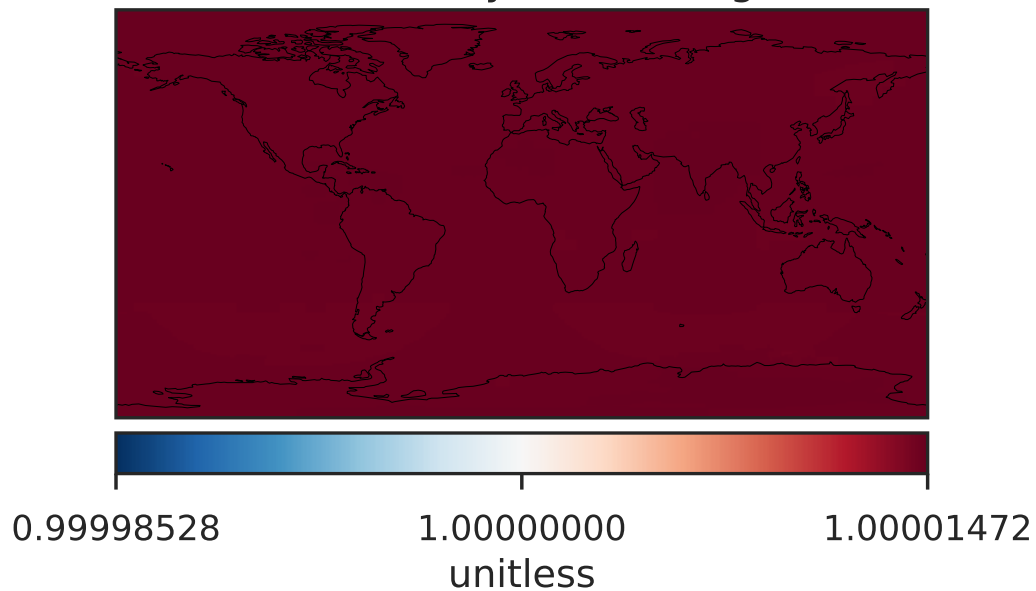
Difference (1x1.25)
Dev - Ref, Dynamic Range



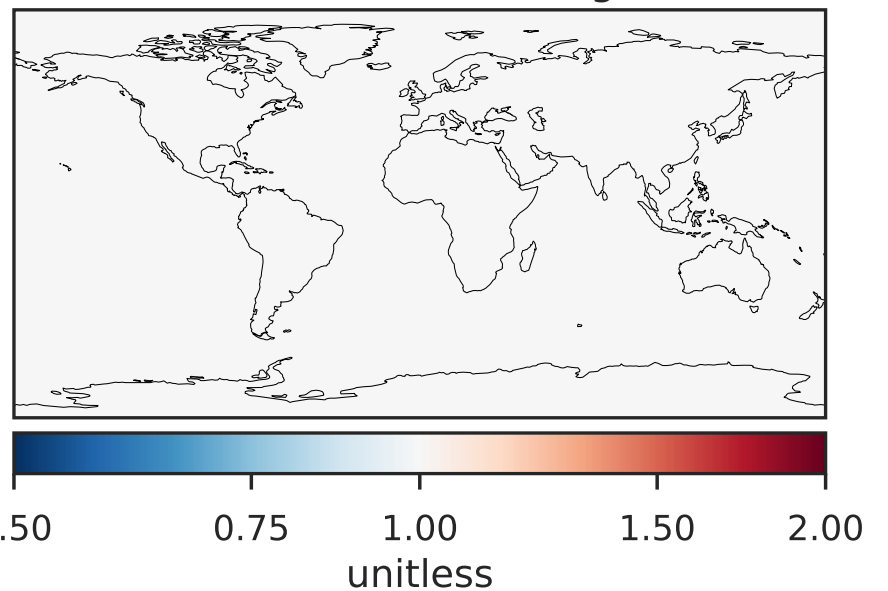
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

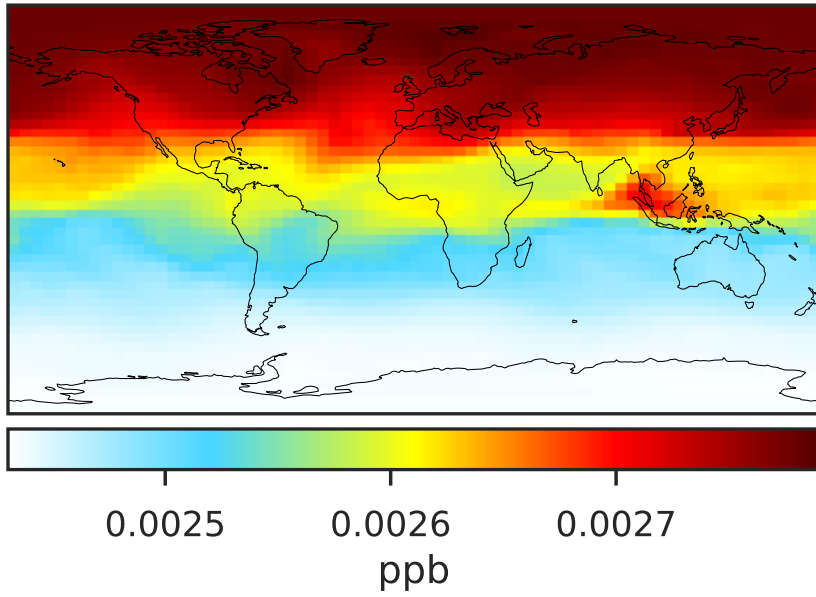


Ratio (1x1.25)
Dev/Ref, Fixed Range

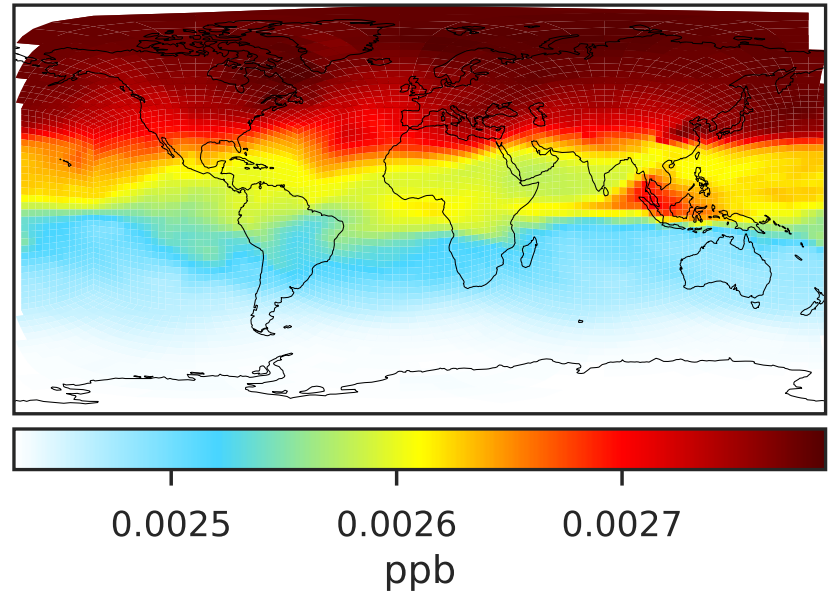


SpeciesConcVV_SF6 (Jan2019)

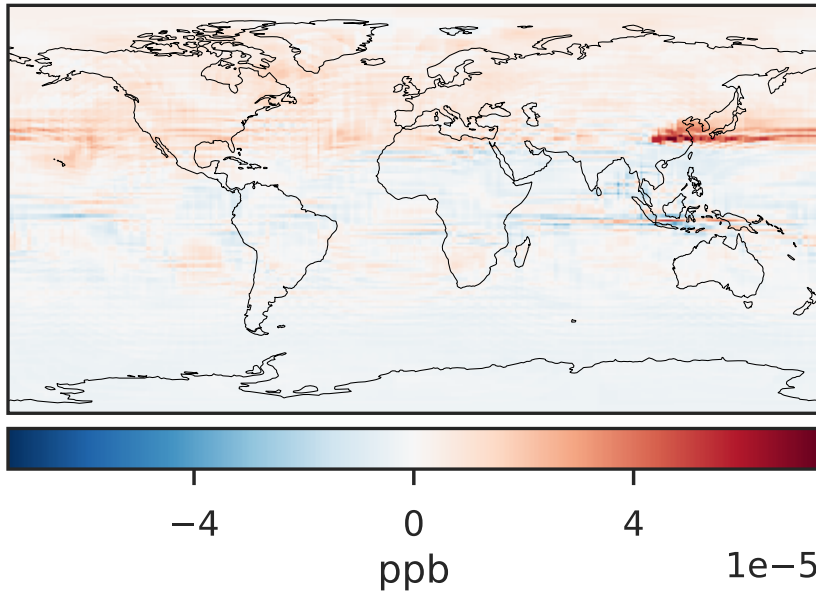
GCC 14.2.2 (Ref)
4.0x5.0



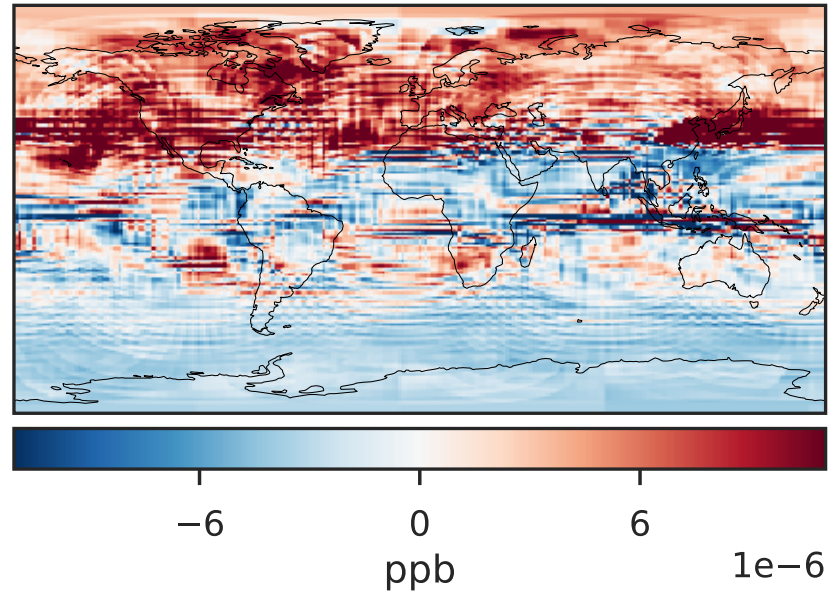
GCHP 14.2.2 using wind (Dev)
c30



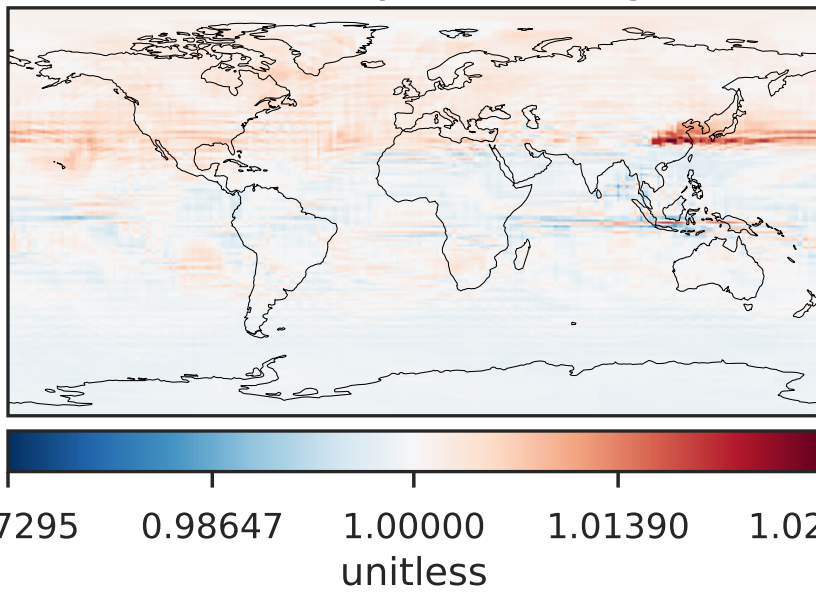
Difference (1x1.25)
Dev - Ref, Dynamic Range



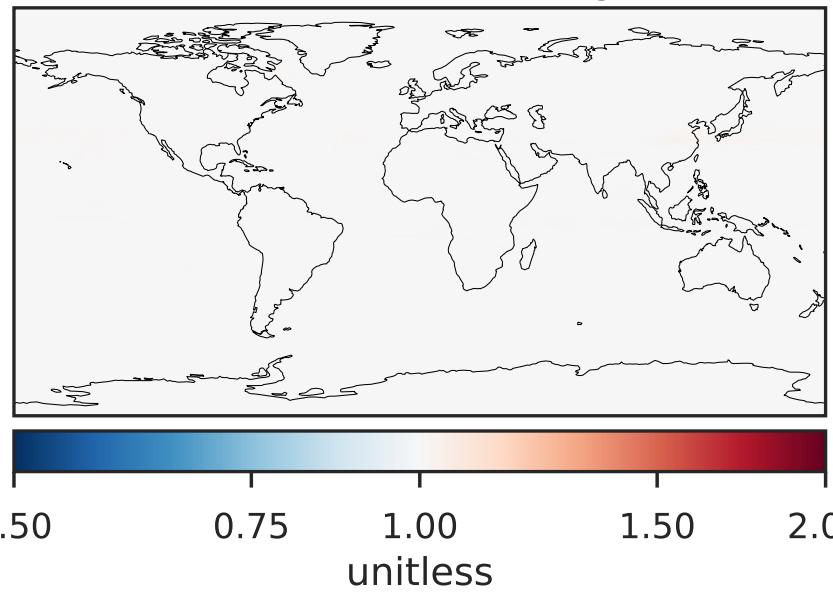
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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



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

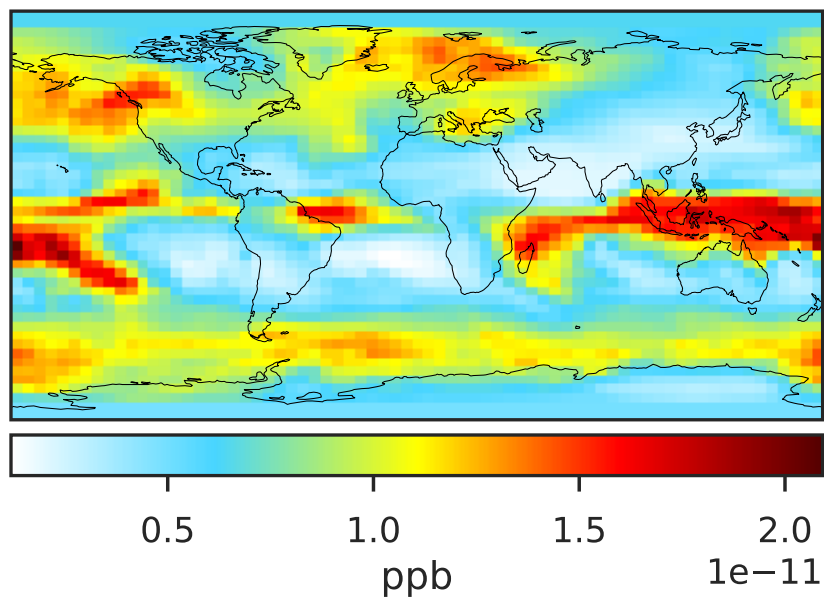


0.97295 0.98647 1.00000 1.01390 1.02781
unitless

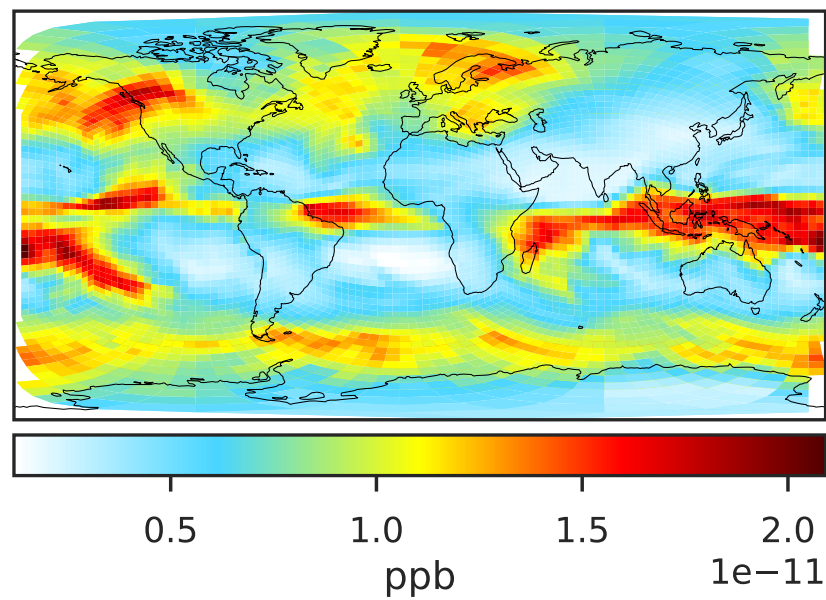
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVW_CH3I (Jan2019)

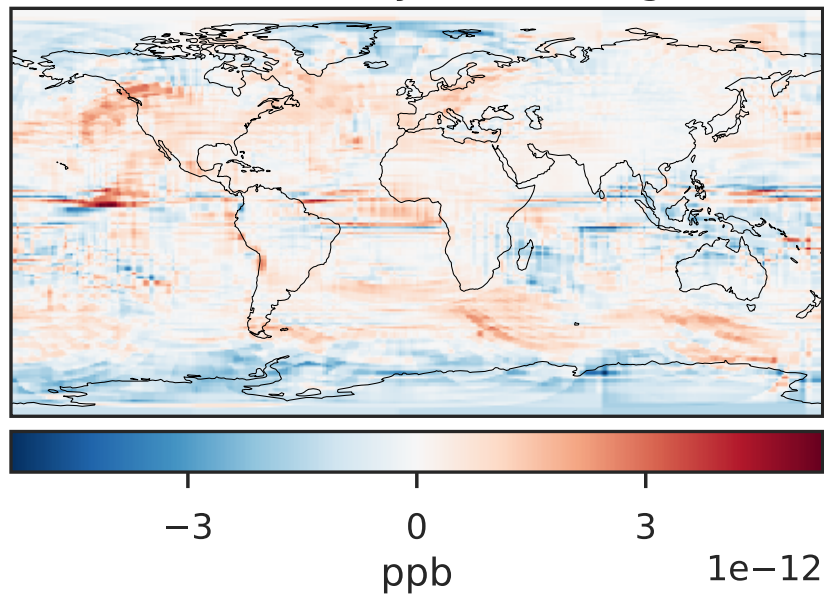
GCC 14.2.2 (Ref)
4.0x5.0



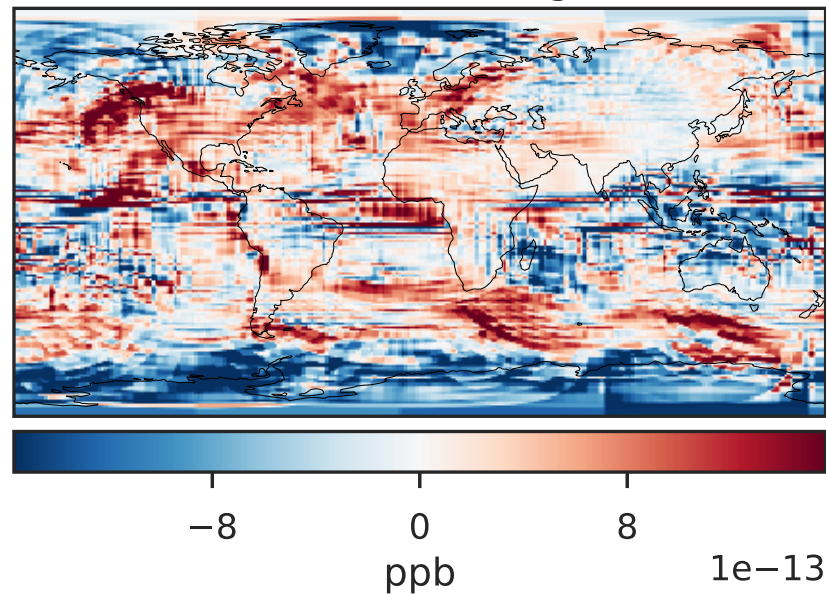
GCHP 14.2.2 using wind (Dev)
c30



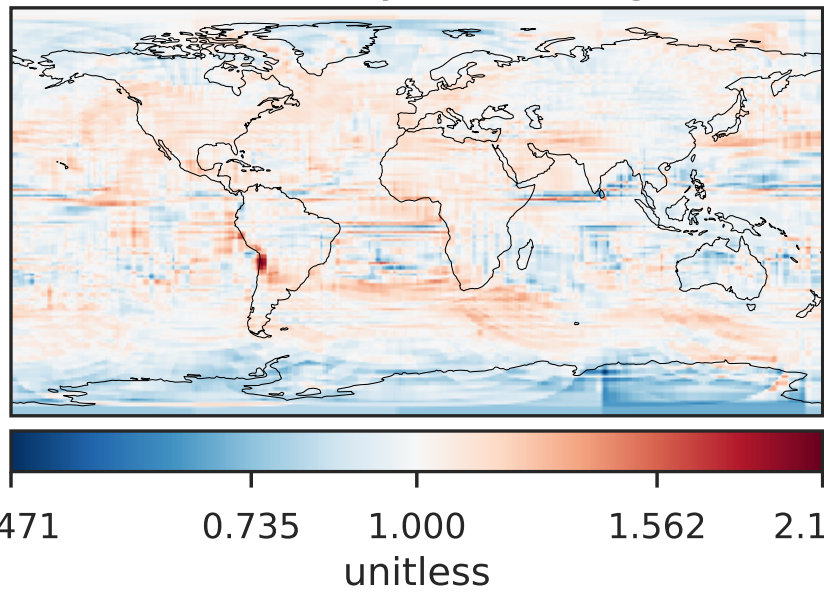
Difference (1x1.25)
Dev - Ref, Dynamic Range



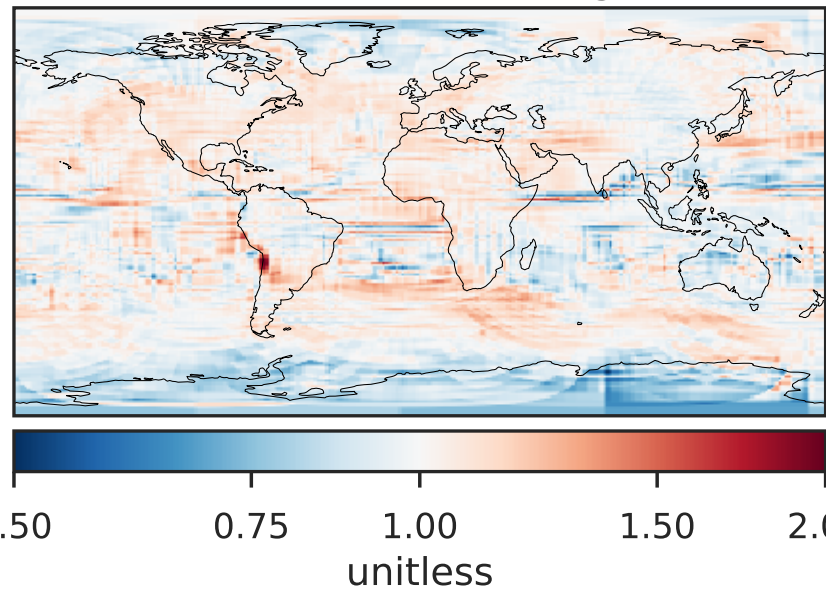
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

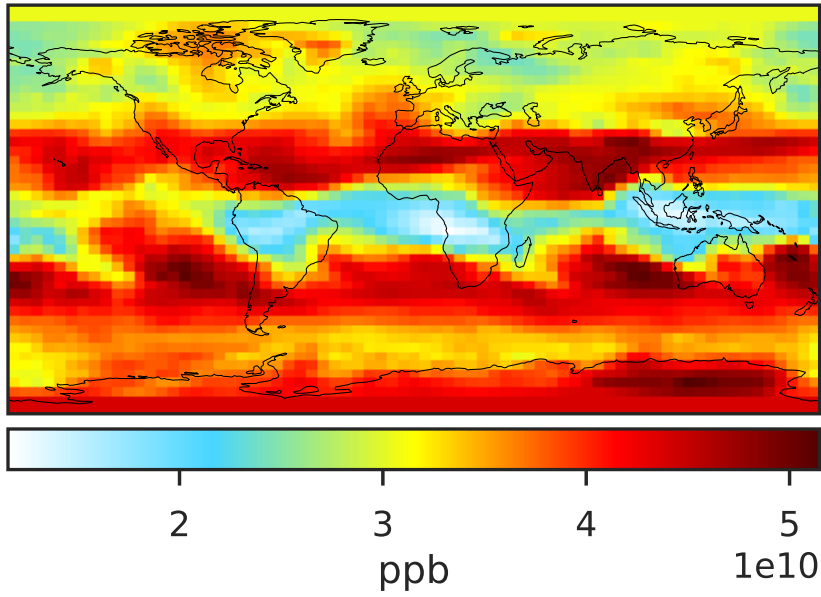


Ratio (1x1.25)
Dev/Ref, Fixed Range

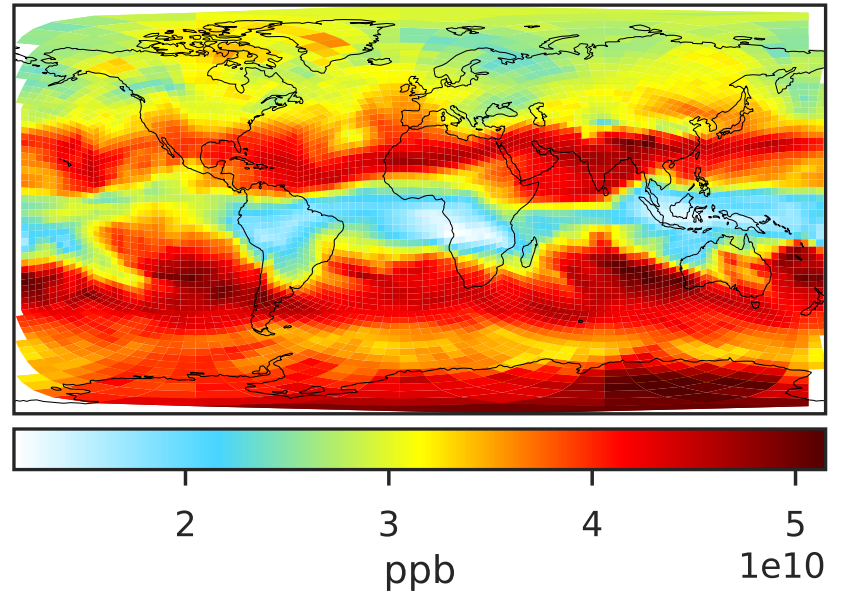


SpeciesConcVV_aoa (Jan2019)

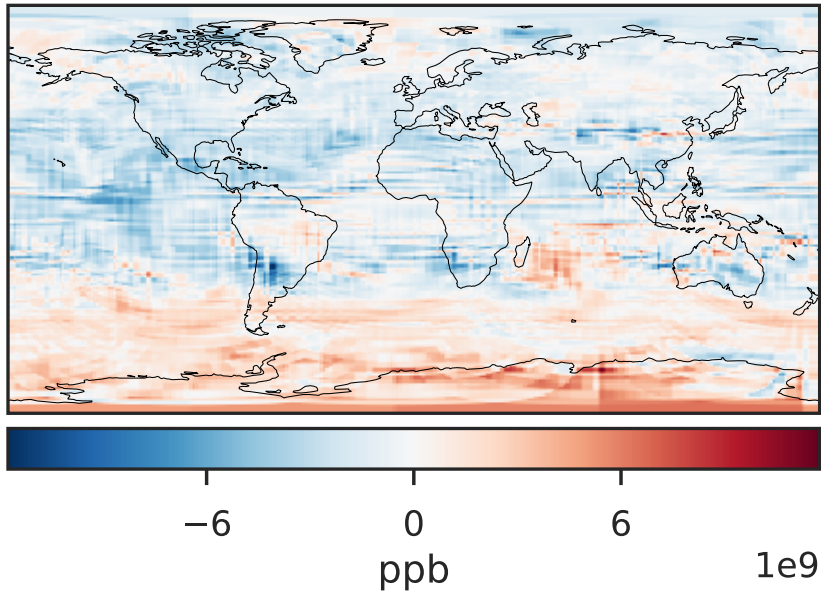
GCC 14.2.2 (Ref)
4.0x5.0



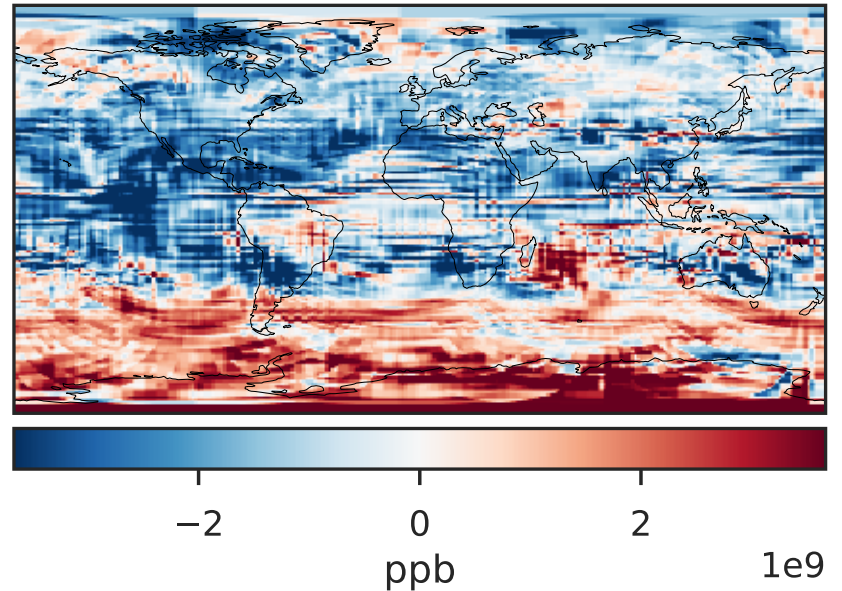
GCHP 14.2.2 using wind (Dev)
c30



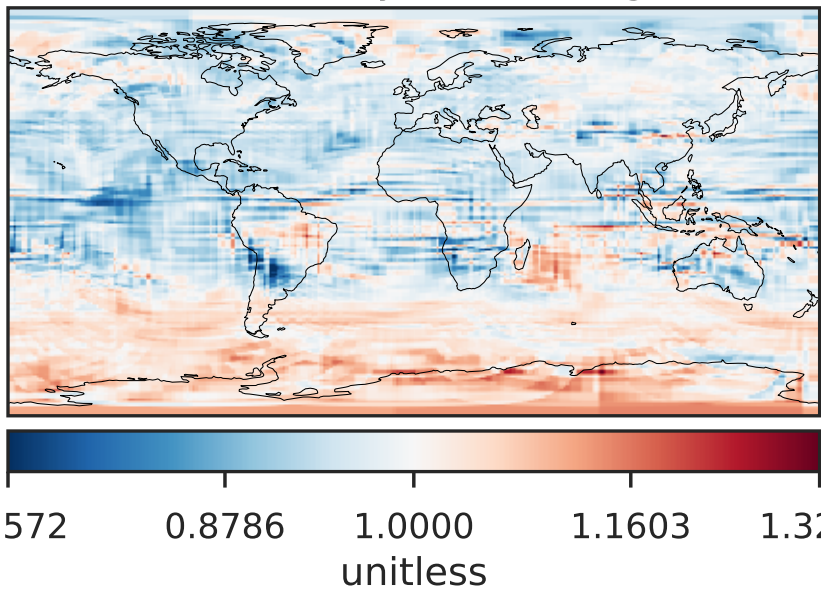
Difference (1x1.25)
Dev - Ref, Dynamic Range



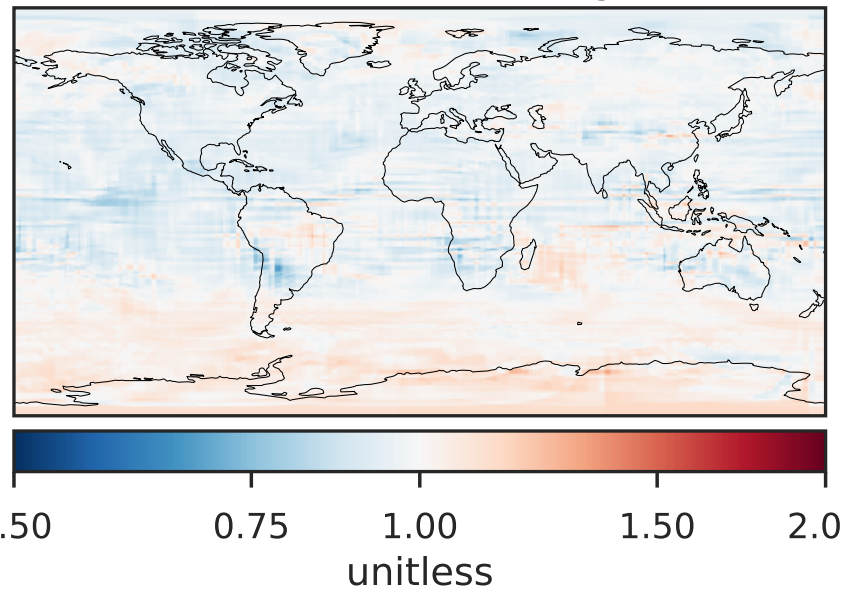
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

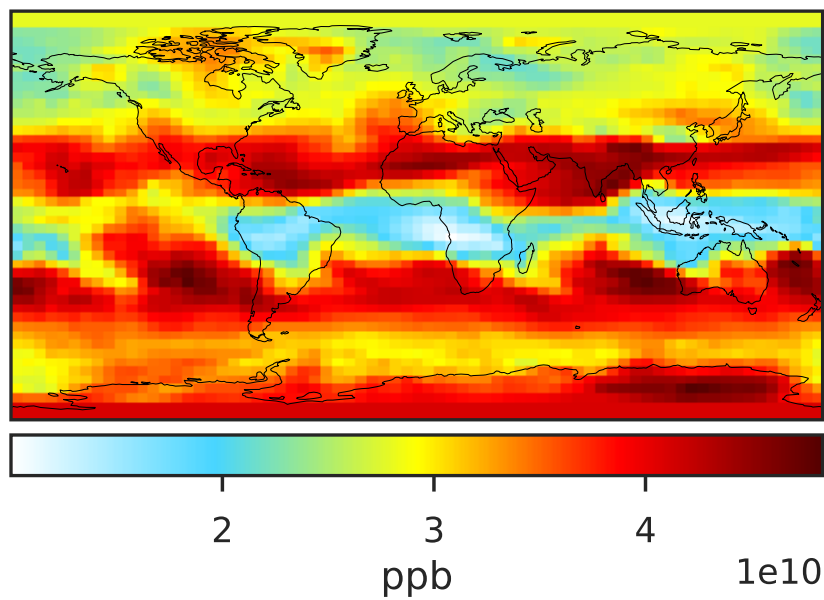


Ratio (1x1.25)
Dev/Ref, Fixed Range

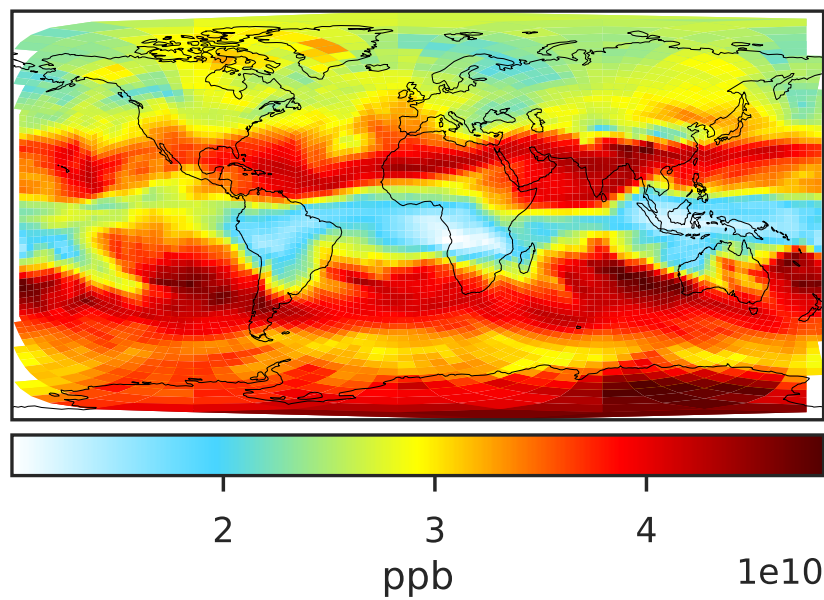


SpeciesConcVV_aoa_bl (Jan2019)

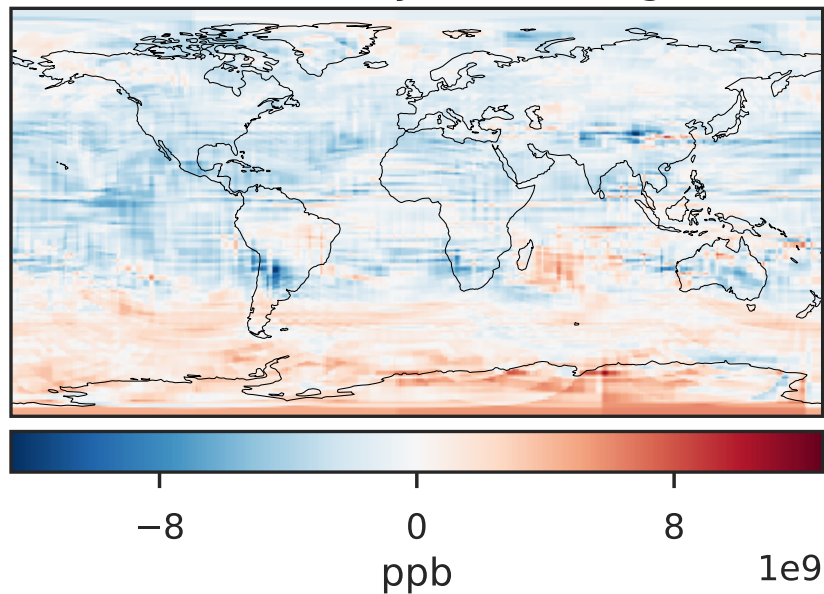
GCC 14.2.2 (Ref)
4.0x5.0



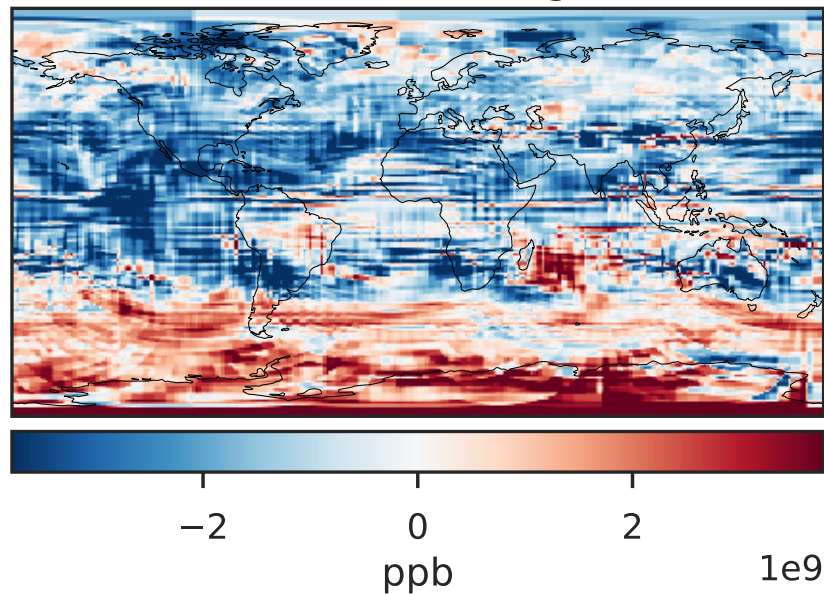
GCHP 14.2.2 using wind (Dev)
c30



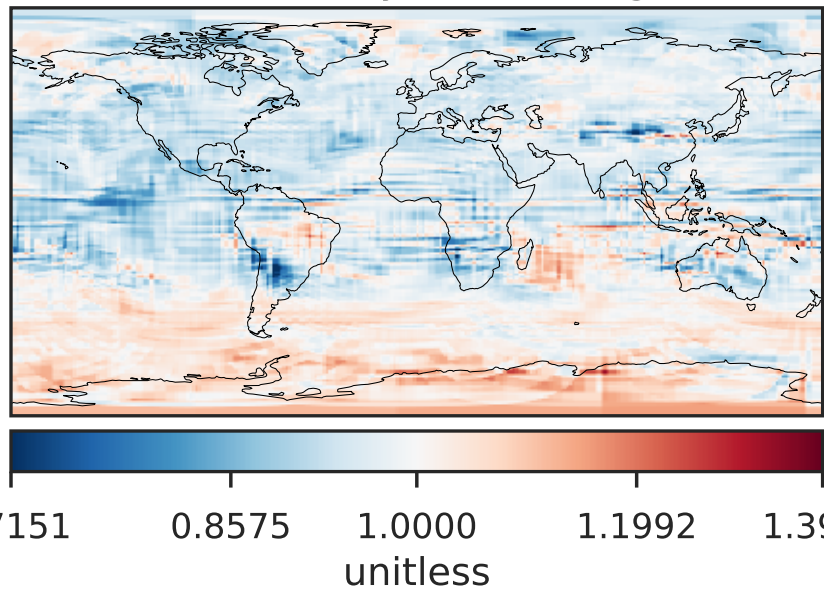
Difference (1x1.25)
Dev - Ref, Dynamic Range



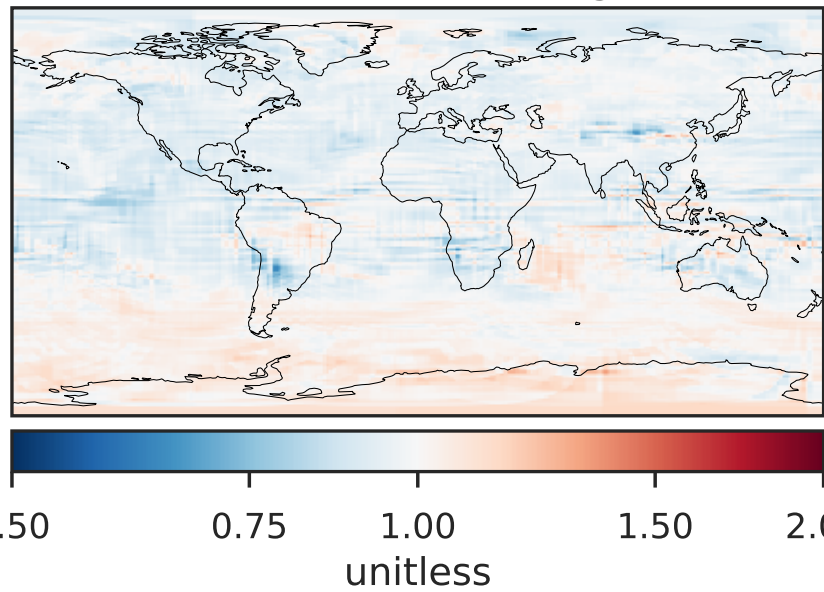
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

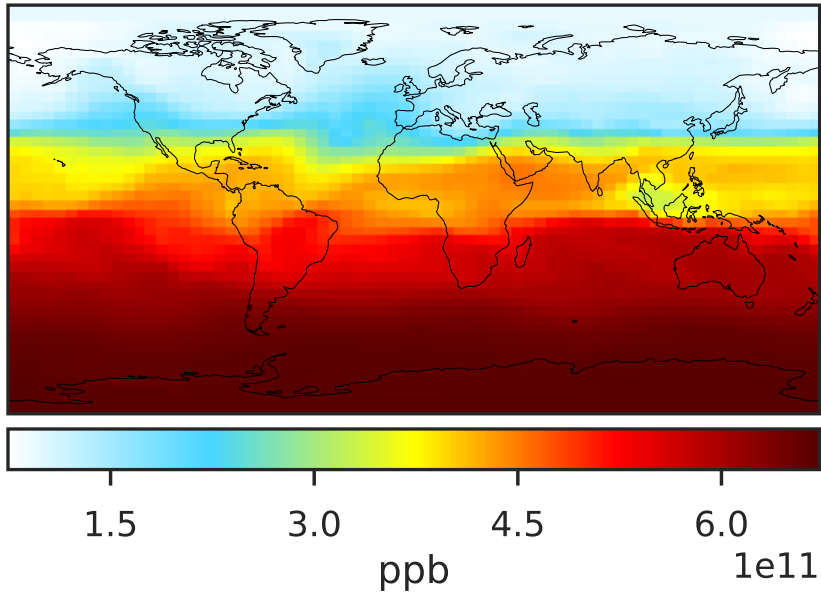


Ratio (1x1.25)
Dev/Ref, Fixed Range

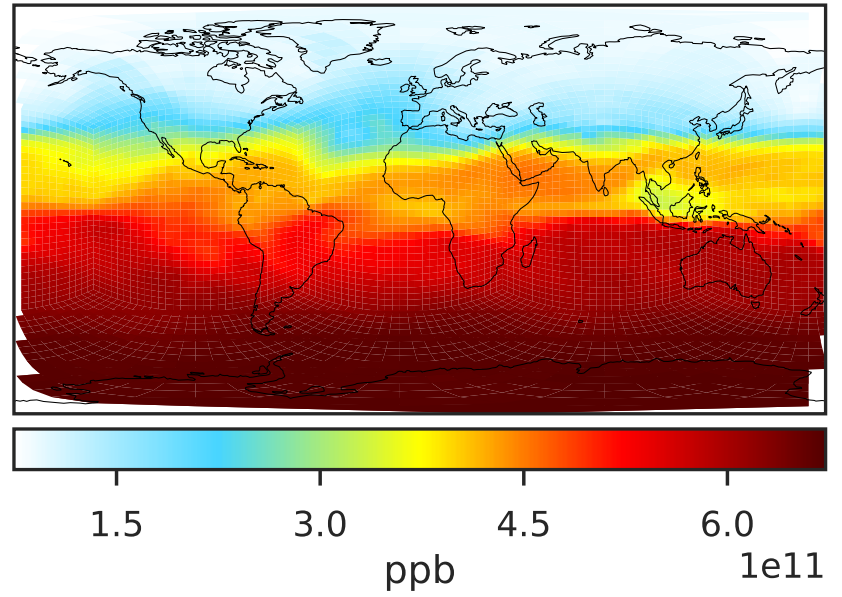


SpeciesConcVV_aoa_nh (Jan2019)

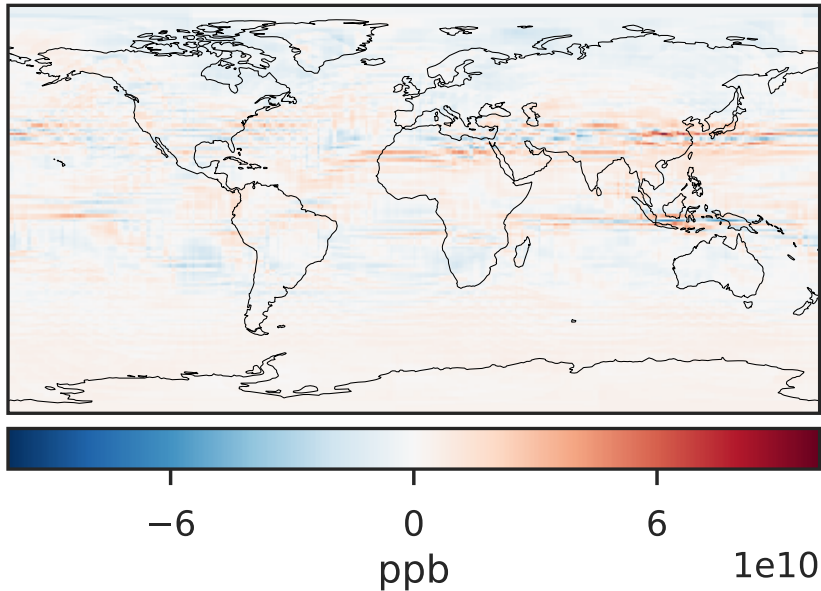
GCC 14.2.2 (Ref)
4.0x5.0



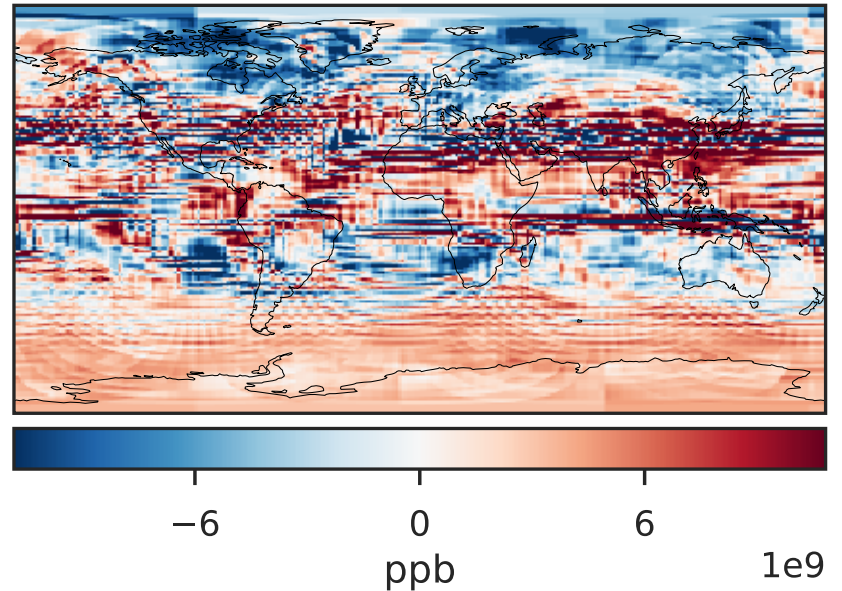
GCHP 14.2.2 using wind (Dev)
c30



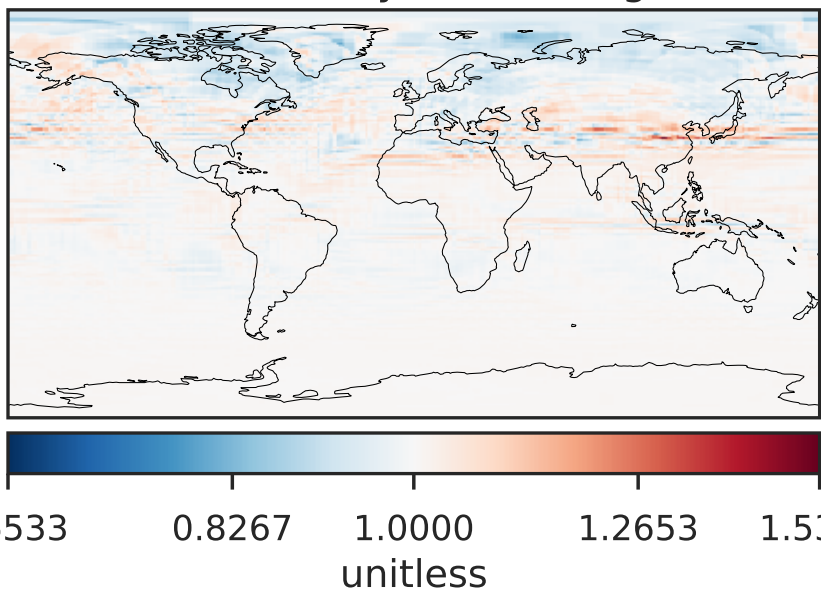
Difference (1x1.25)
Dev - Ref, Dynamic Range



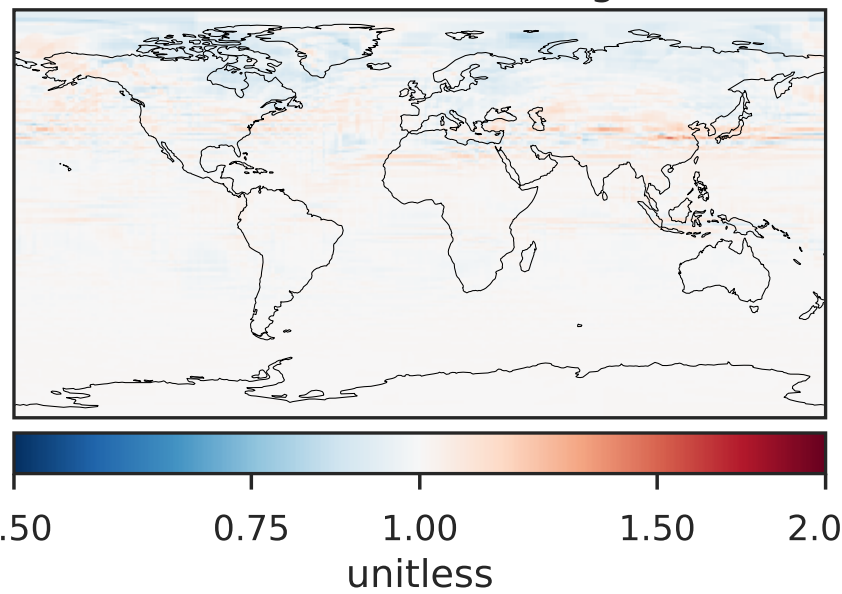
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

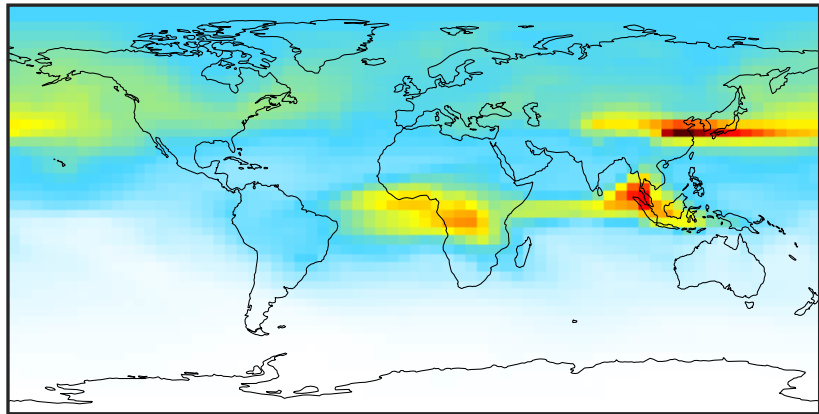


Ratio (1x1.25)
Dev/Ref, Fixed Range



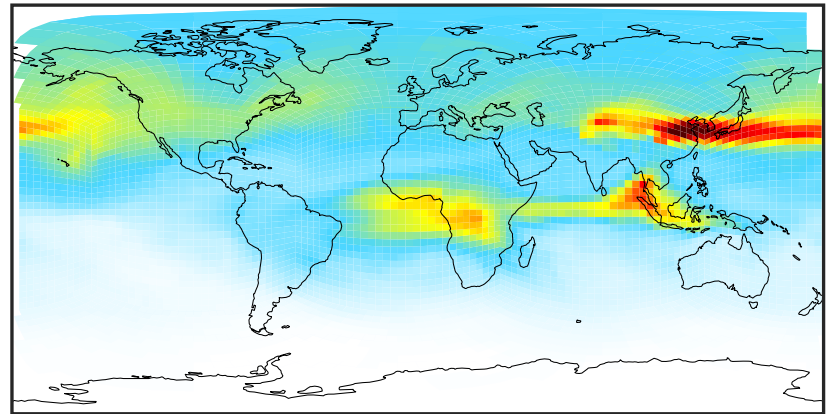
SpeciesConcVV_CO_25 (Jan2019)

GCC 14.2.2 (Ref)
4.0x5.0



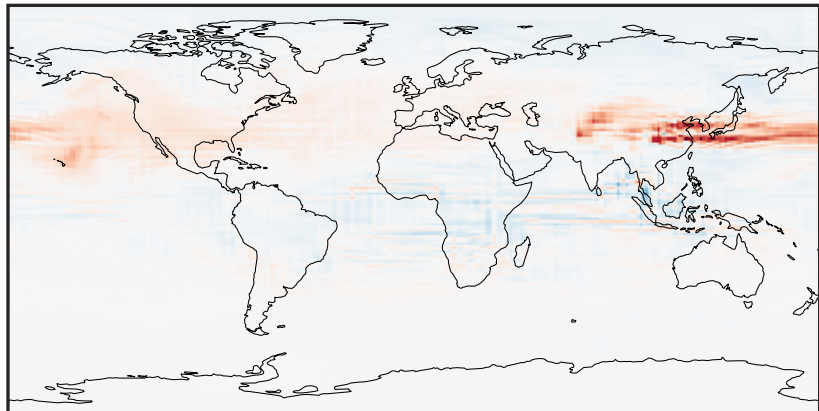
0.90 9.51 18.12 26.73 35.34
ppb

GCHP 14.2.2 using wind (Dev)
c30



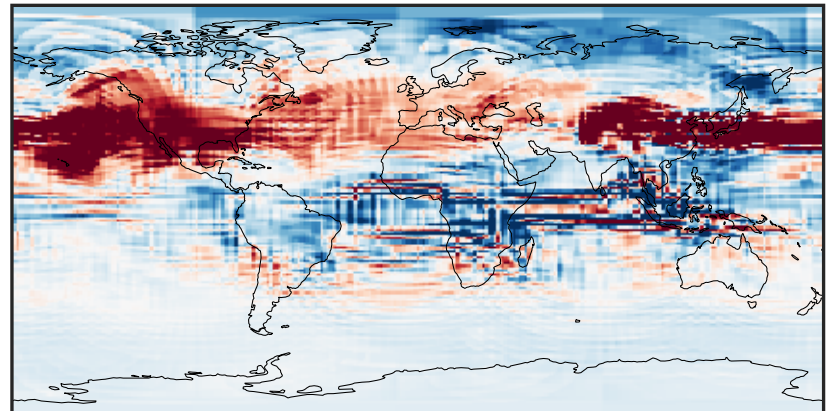
0.90 9.51 18.12 26.73 35.34
ppb

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



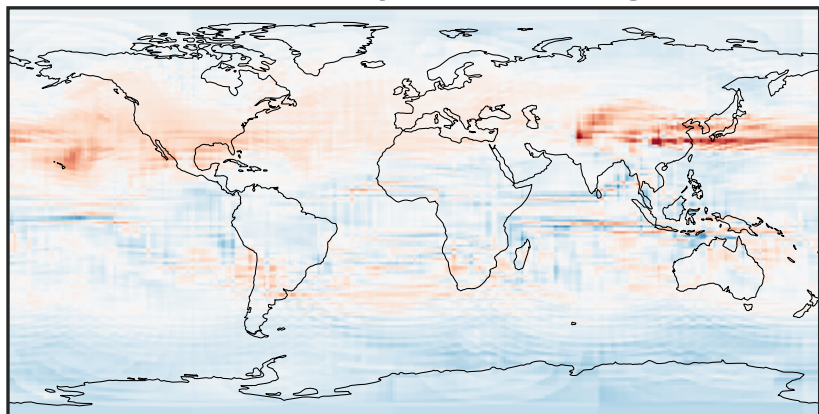
-12.48 -6.24 0.00 6.24 12.48
ppb

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



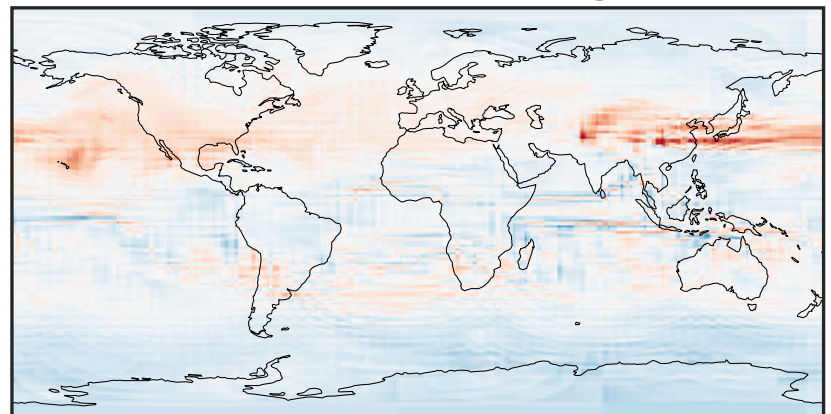
-1.256 -0.628 0.000 0.628 1.256
ppb

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



0.529 0.765 1.000 1.445 1.889
unitless

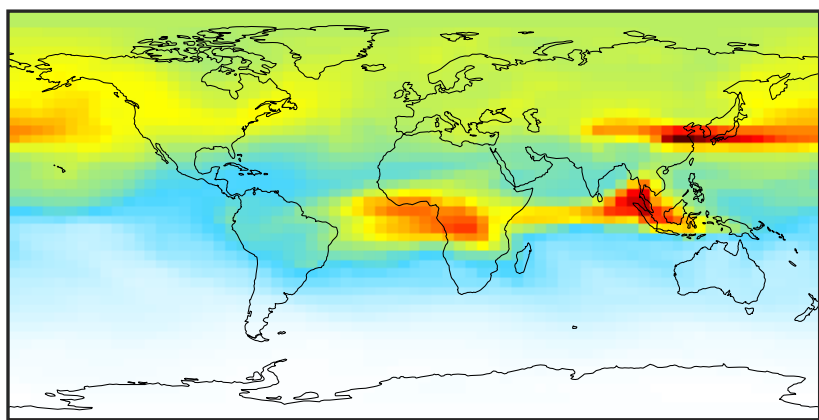
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

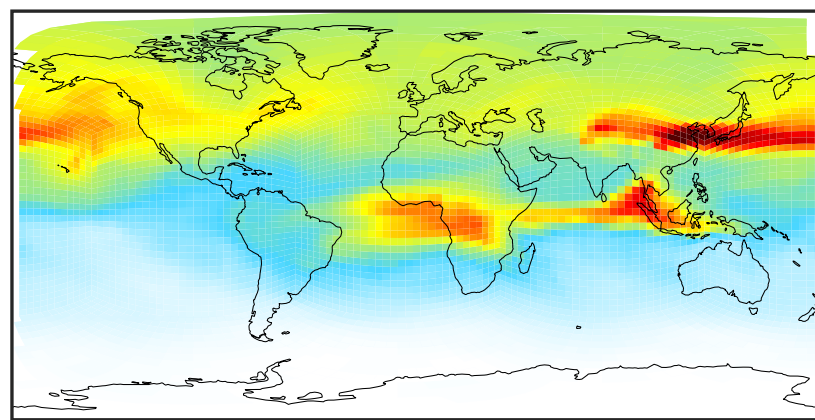
SpeciesConcVV_CO_50 (Jan2019)

GCC 14.2.2 (Ref)
4.0x5.0



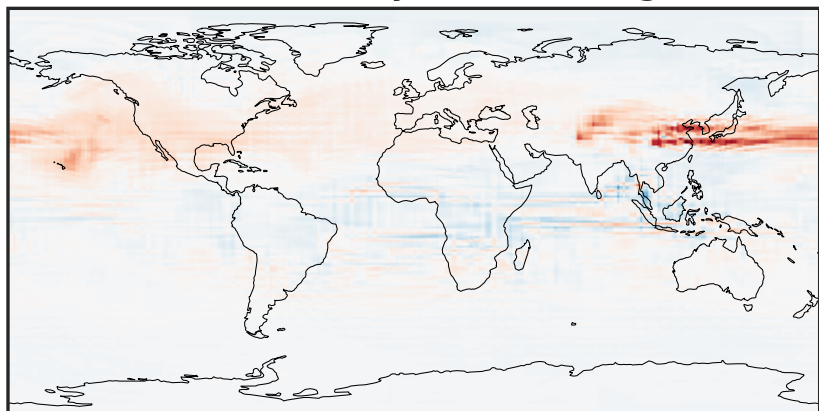
3.33 14.91 26.49 38.07 49.65
ppb

GCHP 14.2.2 using wind (Dev)
c30



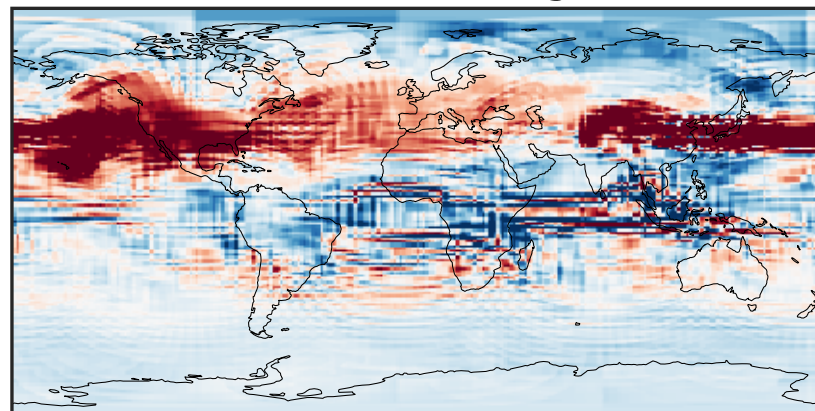
3.33 14.91 26.49 38.07 49.65
ppb

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



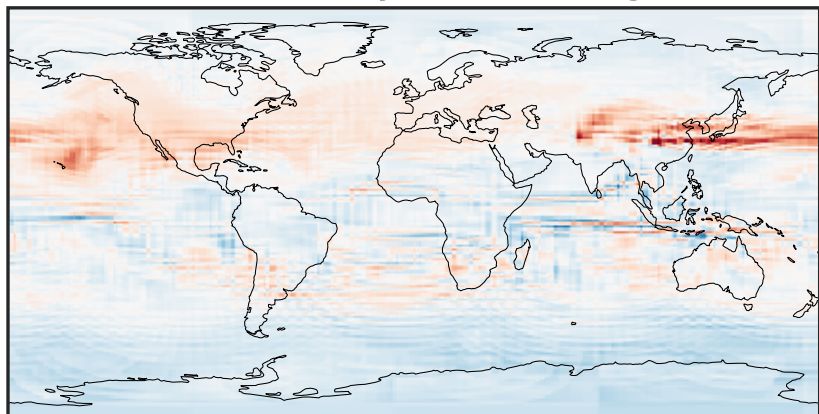
-14.38 -7.19 0.00 7.19 14.38
ppb

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



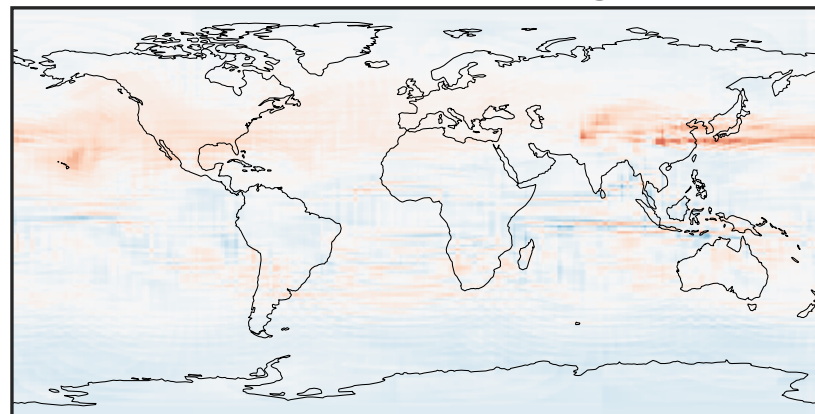
-1.762 -0.881 0.000 0.881 1.762
ppb

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



0.6633 0.8317 1.0000 1.2538 1.5075
unitless

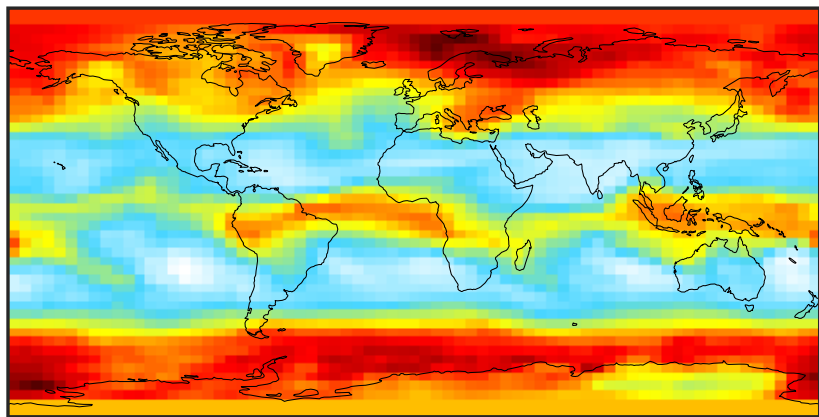
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

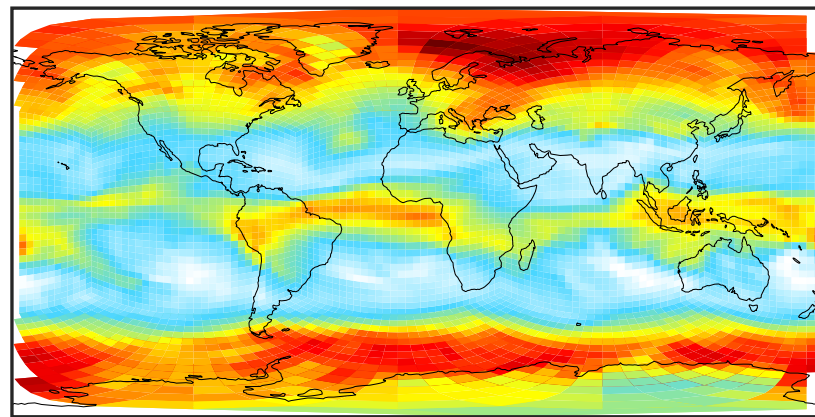
SpeciesConcVW_e90 (Jan2019)

GCC 14.2.2 (Ref)
4.0x5.0



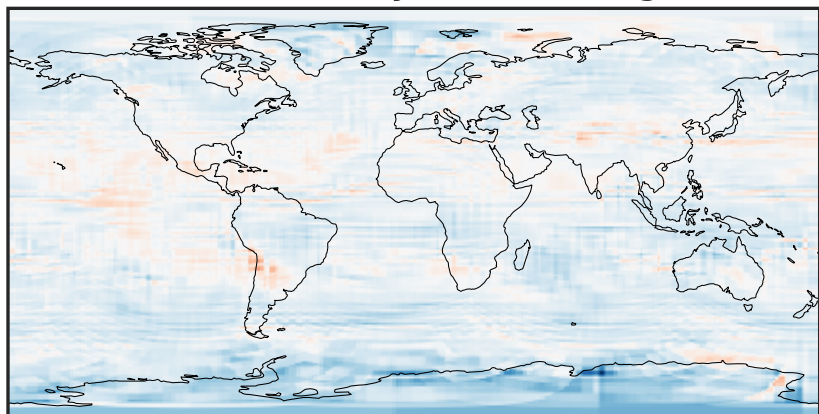
56.47 62.10 67.72 73.34 78.96
ppb

GCHP 14.2.2 using wind (Dev)
c30



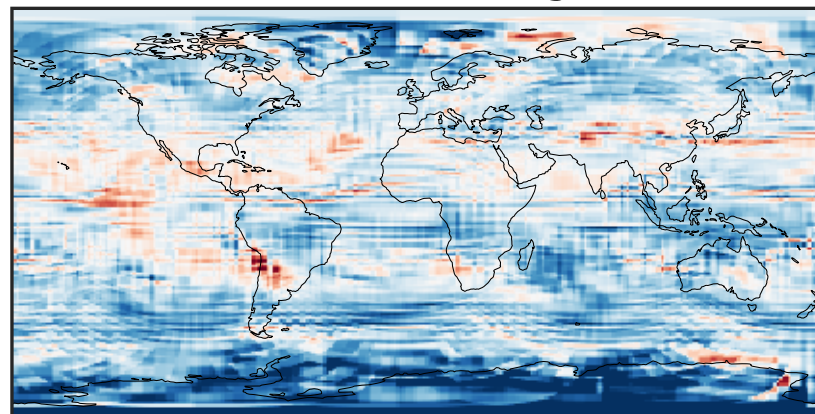
56.47 62.10 67.72 73.34 78.96
ppb

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



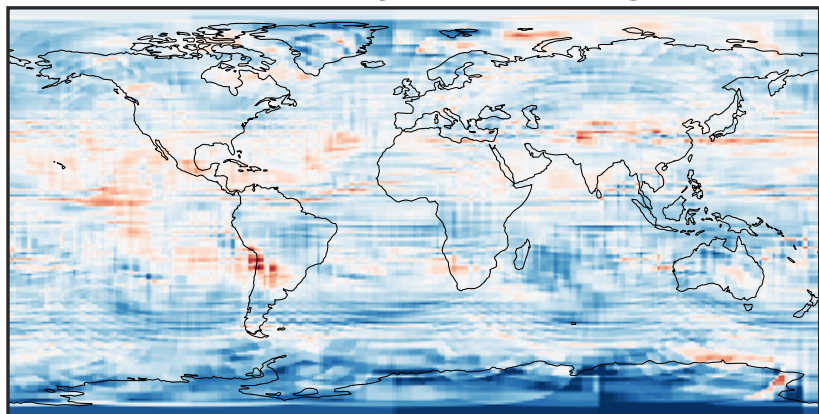
-9.64 -4.82 0.00 4.82 9.64
ppb

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



-3.290 -1.645 0.000 1.645 3.290
ppb

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



0.9349 0.9674 1.0000 1.0348 1.0696
unitless

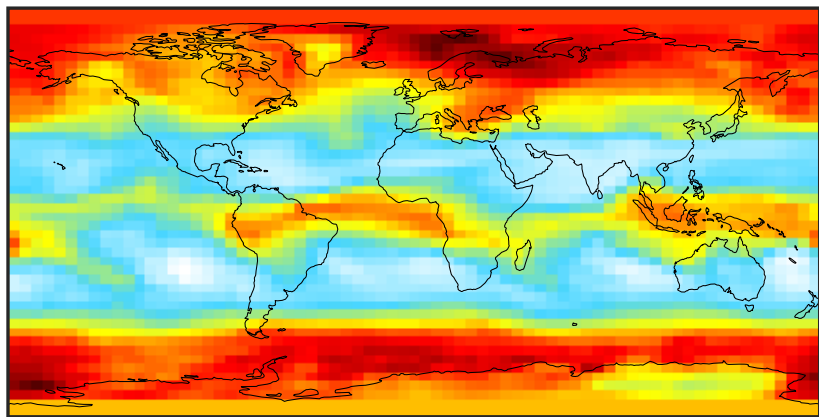
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

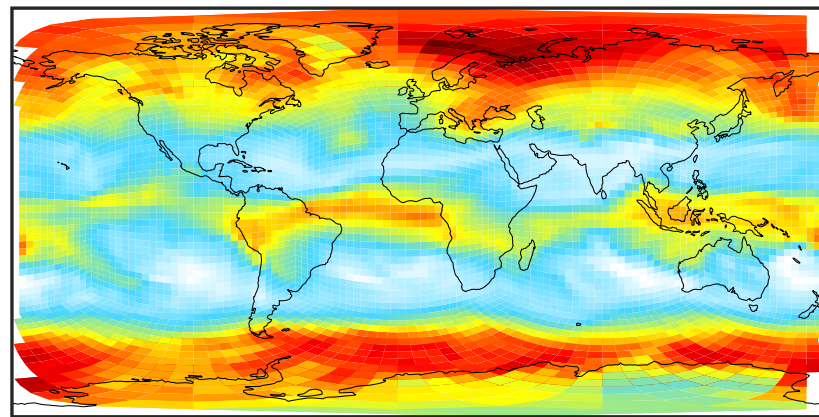
SpeciesConcVV_e90_n (Jan2019)

GCC 14.2.2 (Ref)
4.0x5.0



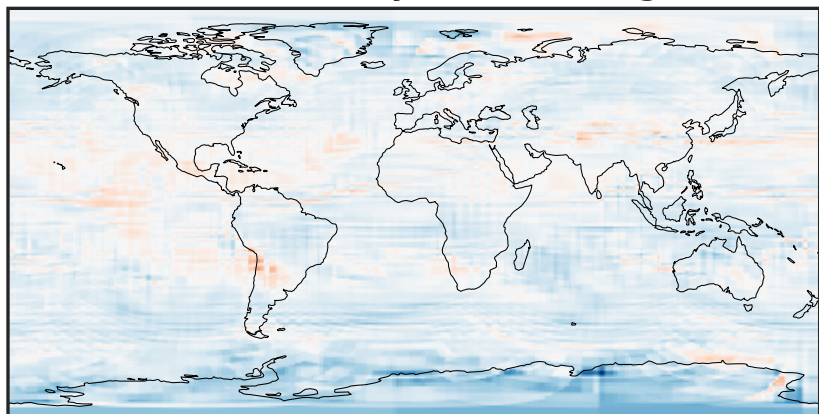
56.47 62.10 67.72 73.34 78.96
ppb

GCHP 14.2.2 using wind (Dev)
c30



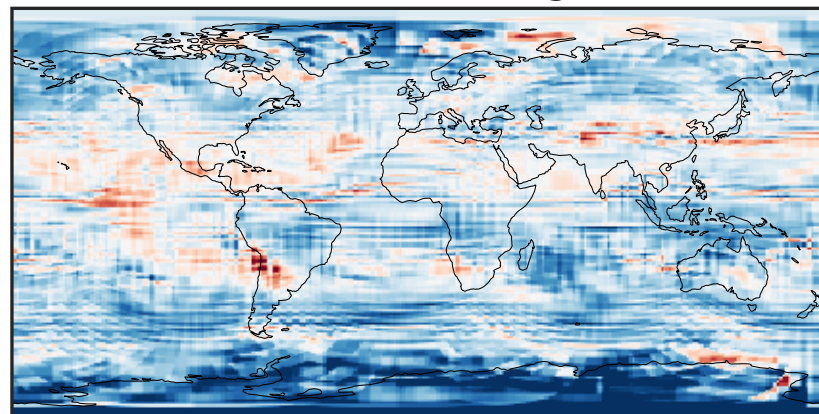
56.47 62.10 67.72 73.34 78.96
ppb

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



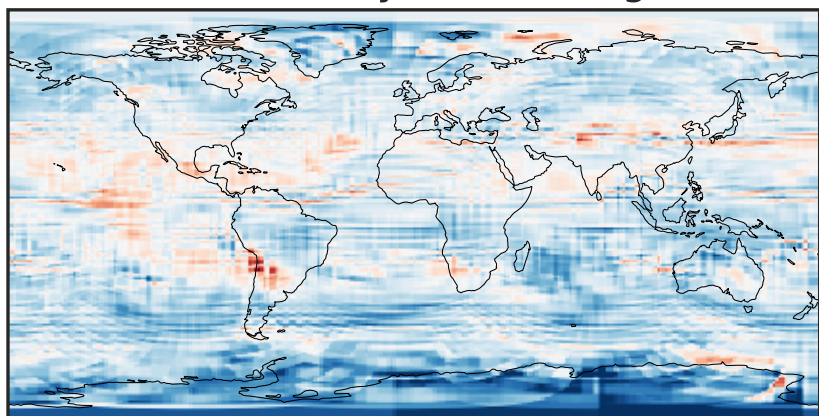
-9.64 -4.82 0.00 4.82 9.64
ppb

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



-3.290 -1.645 0.000 1.645 3.290
ppb

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



0.9349 0.9674 1.0000 1.0348 1.0696
unitless

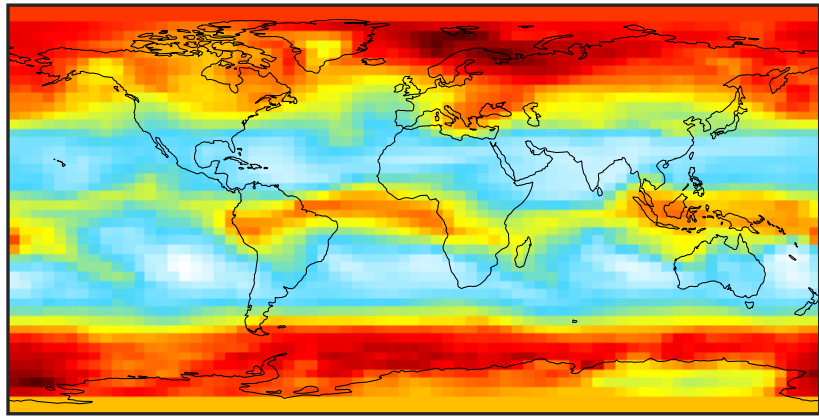
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

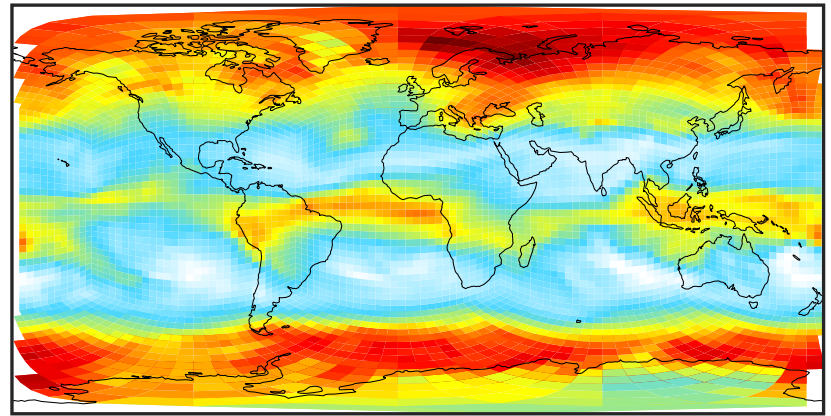
SpeciesConcVV_e90_s (Jan2019)

GCC 14.2.2 (Ref)
4.0x5.0



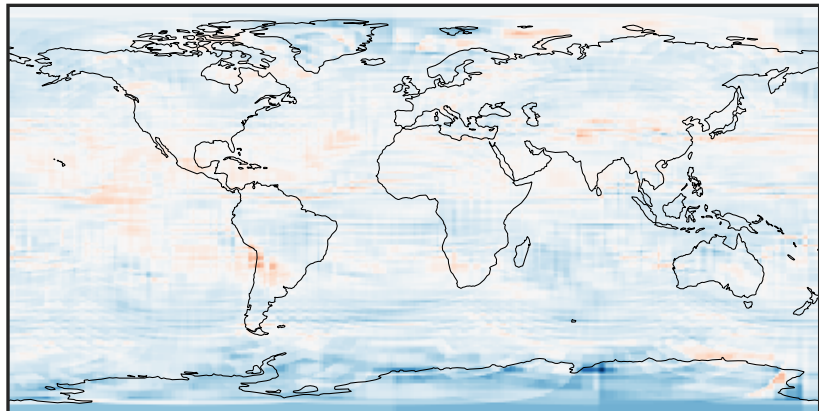
56.47 62.10 67.72 73.34 78.96
ppb

GCHP 14.2.2 using wind (Dev)
c30



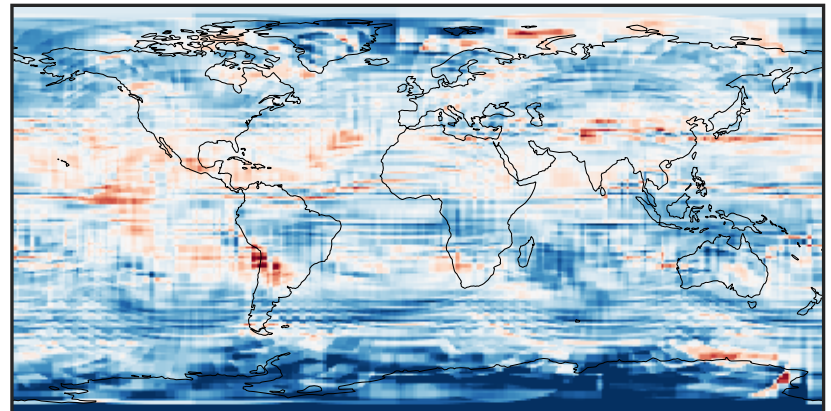
56.47 62.10 67.72 73.34 78.96
ppb

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



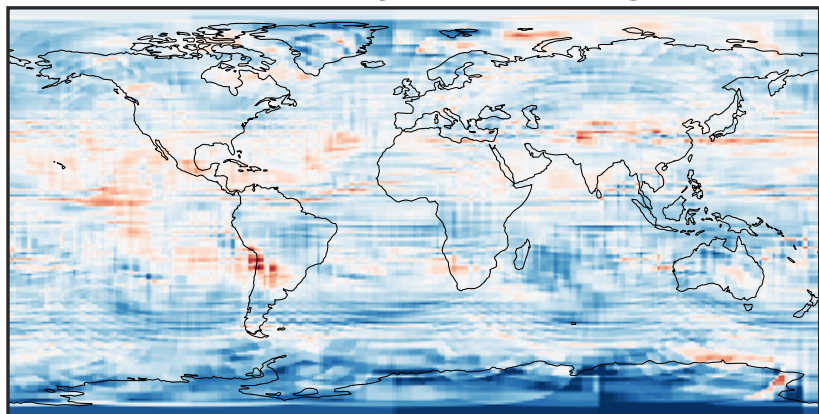
-9.64 -4.82 0.00 4.82 9.64
ppb

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



-3.290 -1.645 0.000 1.645 3.290
ppb

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



0.9349 0.9674 1.0000 1.0348 1.0696
unitless

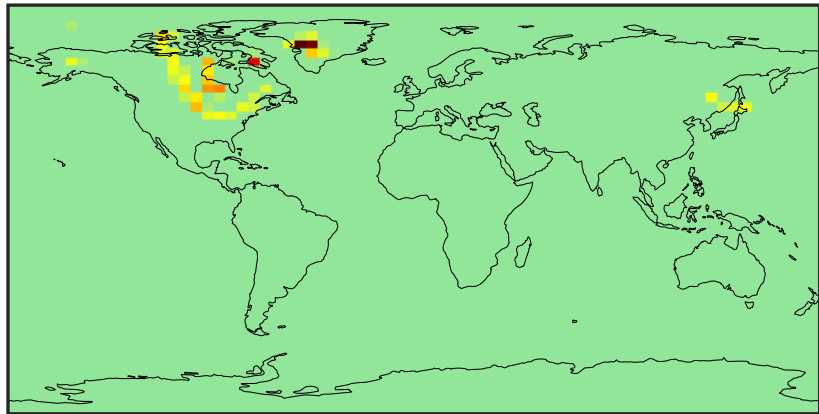
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

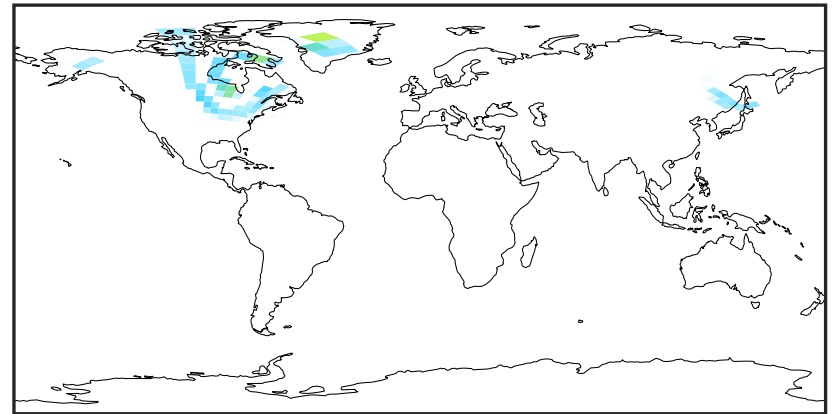
SpeciesConcVV_st80_25 (Jan2019)

GCC 14.2.2 (Ref)
4.0x5.0



0.0875 0.0900 0.0925
ppb +1.998e2

GCHP 14.2.2 using wind (Dev)
c30



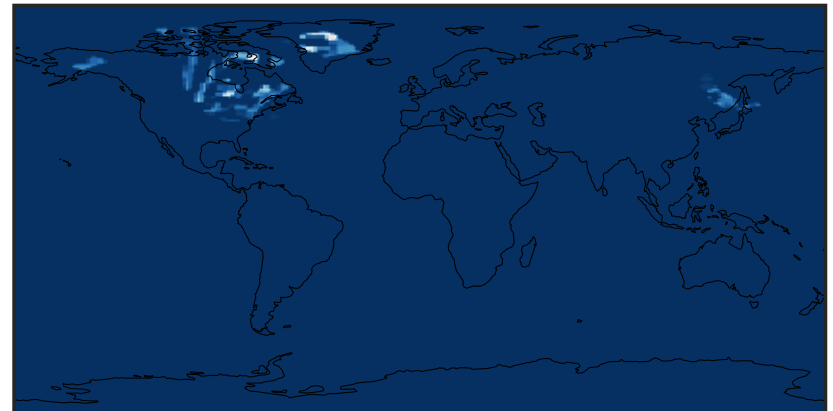
0.0875 0.0900 0.0925
ppb +1.998e2

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



-0.005 0.000 0.005
ppb

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



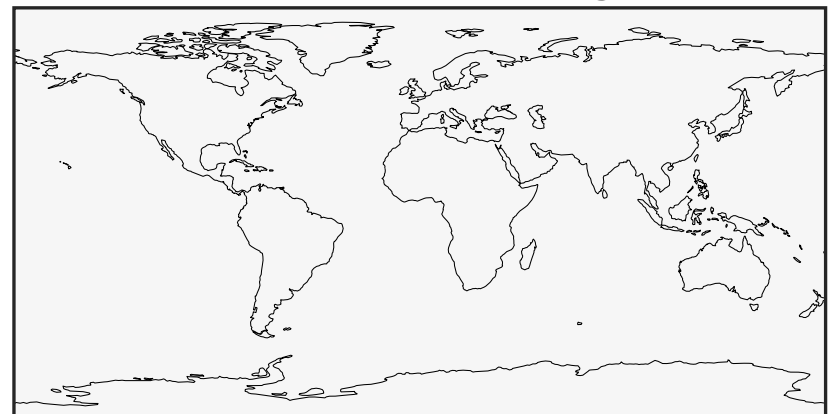
-0.002 0.000 0.002
ppb

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



0.99999796 1.00000000 1.00000204
unitless

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



0.50 0.75 1.00 1.50 2.00
unitless