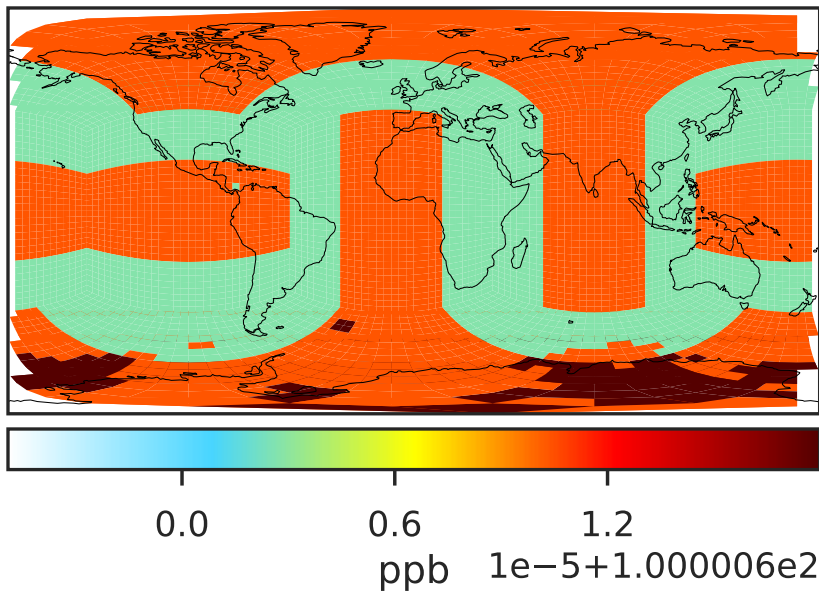
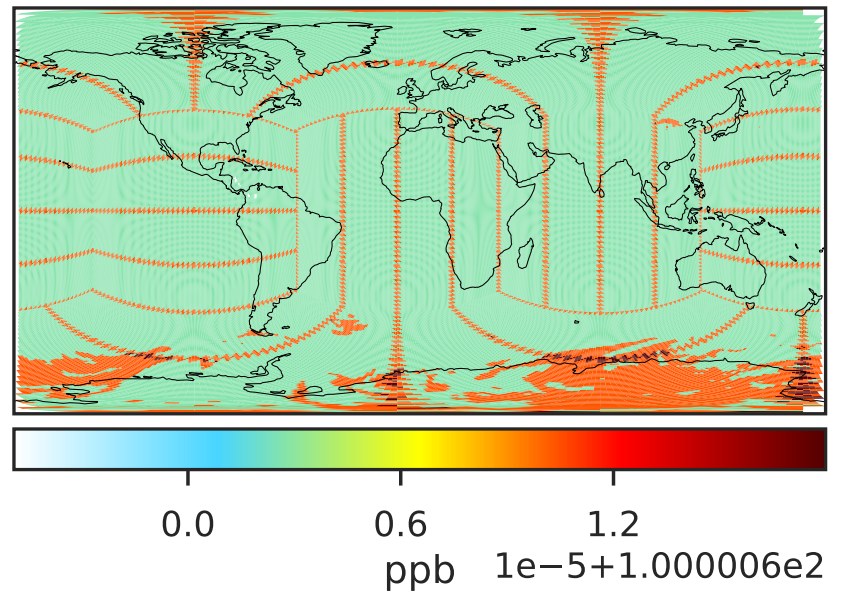


SpeciesConcVV_PassiveTracer (Jan2019)

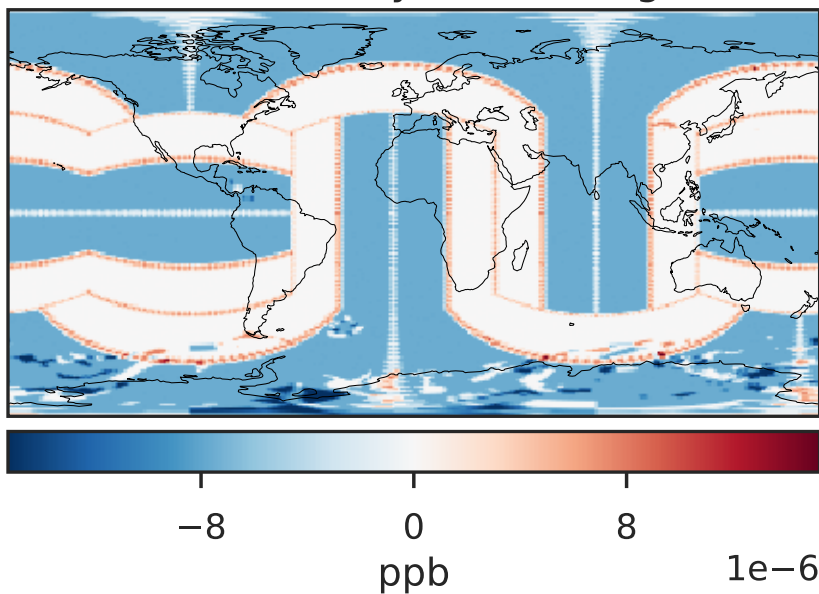
GCHP 14.2.2 using wind (c30) (Ref)
c30



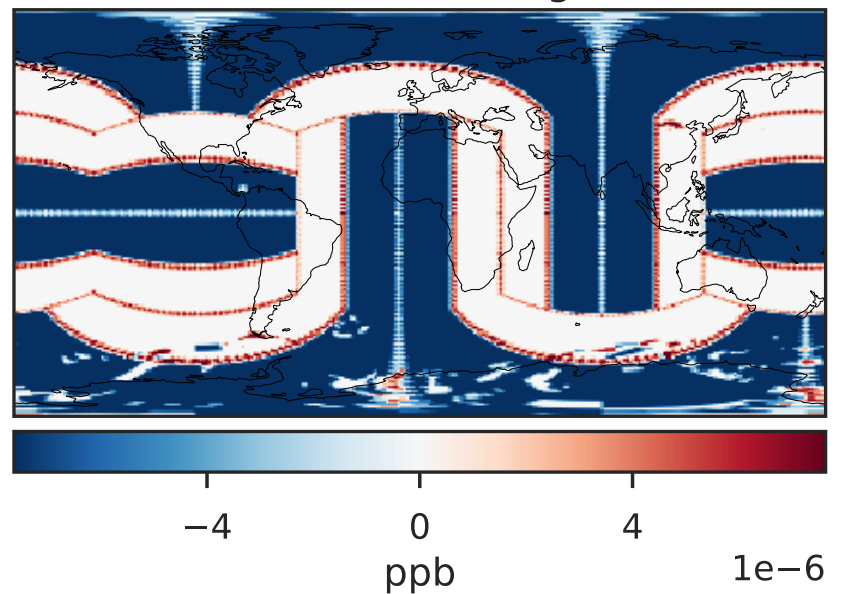
GCHP 14.2.2 using wind (c180) (Dev)
c180



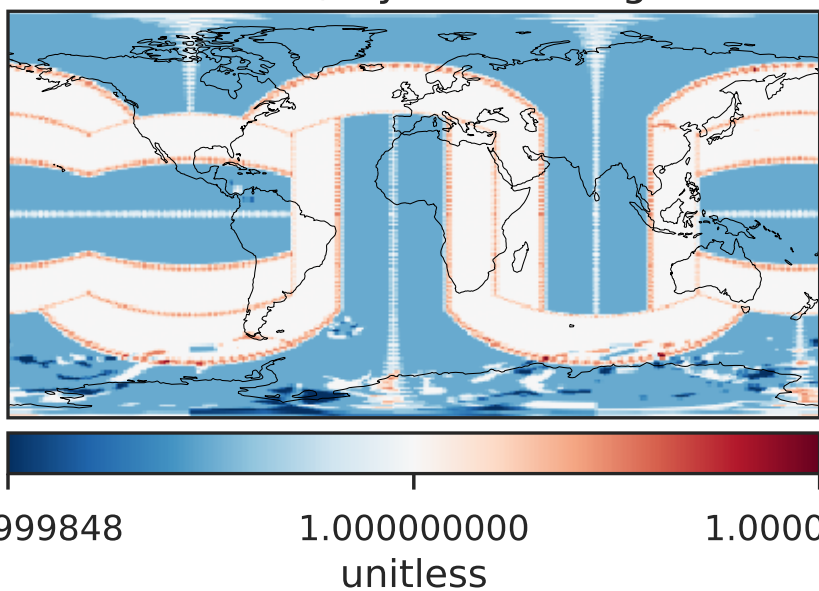
Difference (1x1.25)
Dev - Ref, Dynamic Range



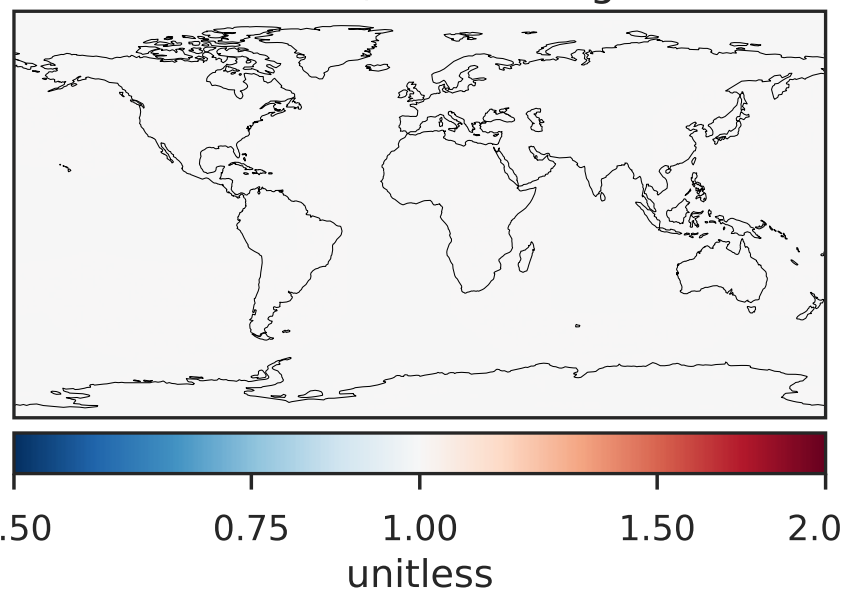
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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



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



0.999999848

1.000000000

1.00000152

unitless

0.50

0.75

1.00

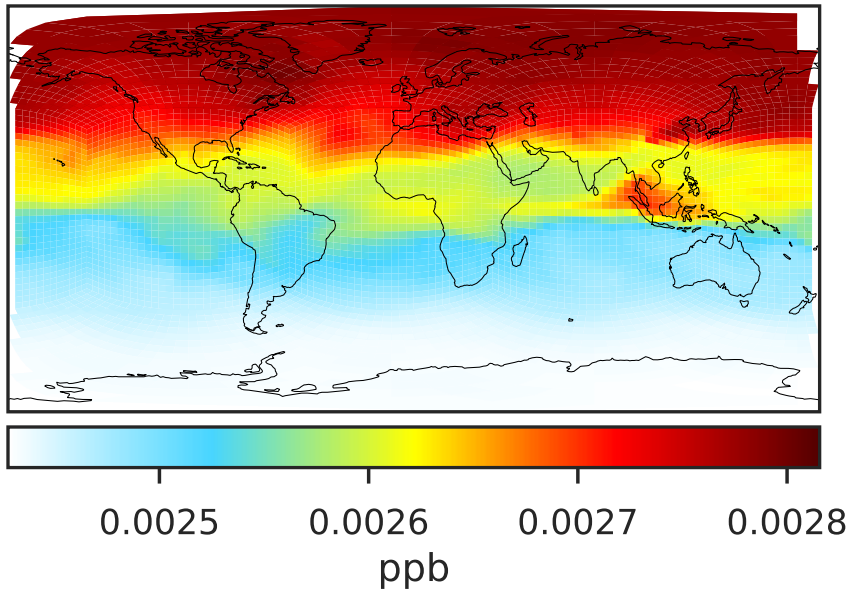
1.50

2.00

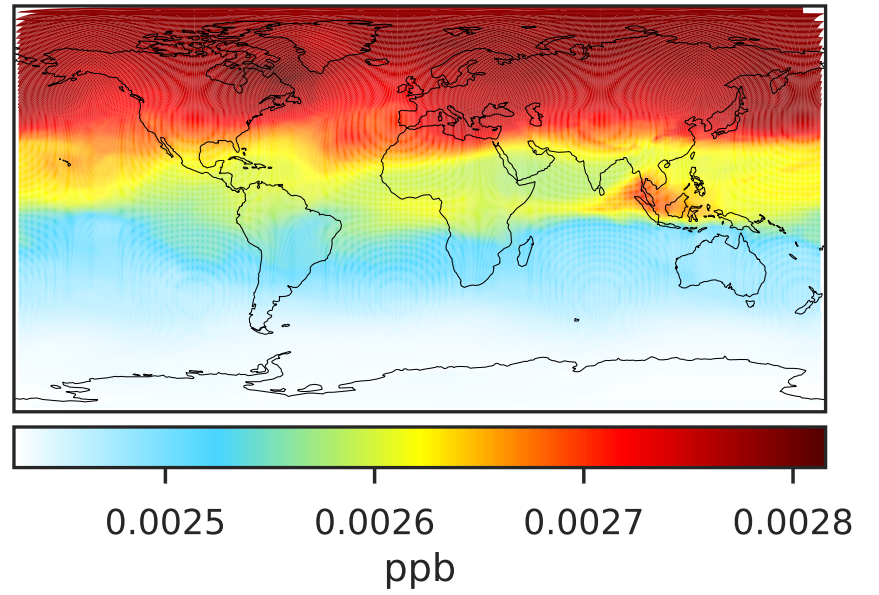
unitless

SpeciesConcVV_SF6 (Jan2019)

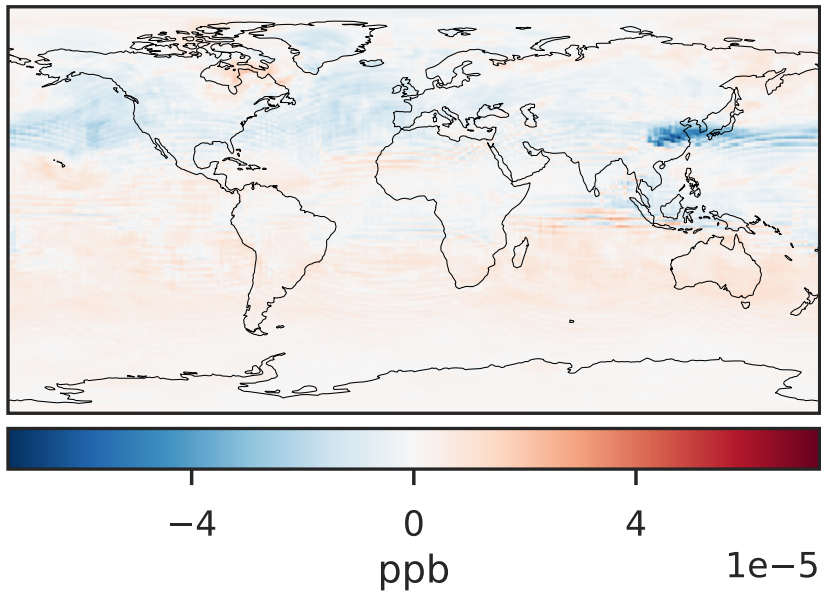
GCHP 14.2.2 using wind (c30) (Ref)
c30



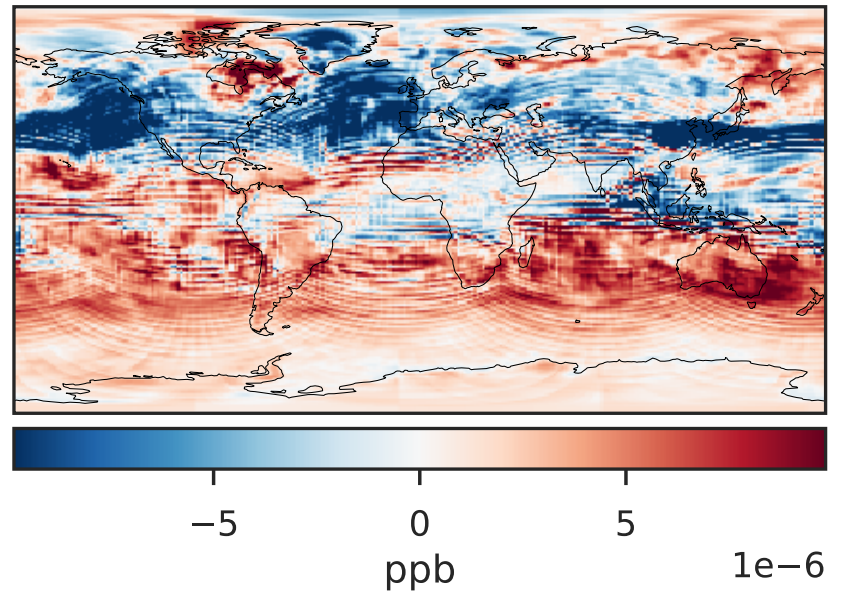
GCHP 14.2.2 using wind (c180) (Dev)
c180



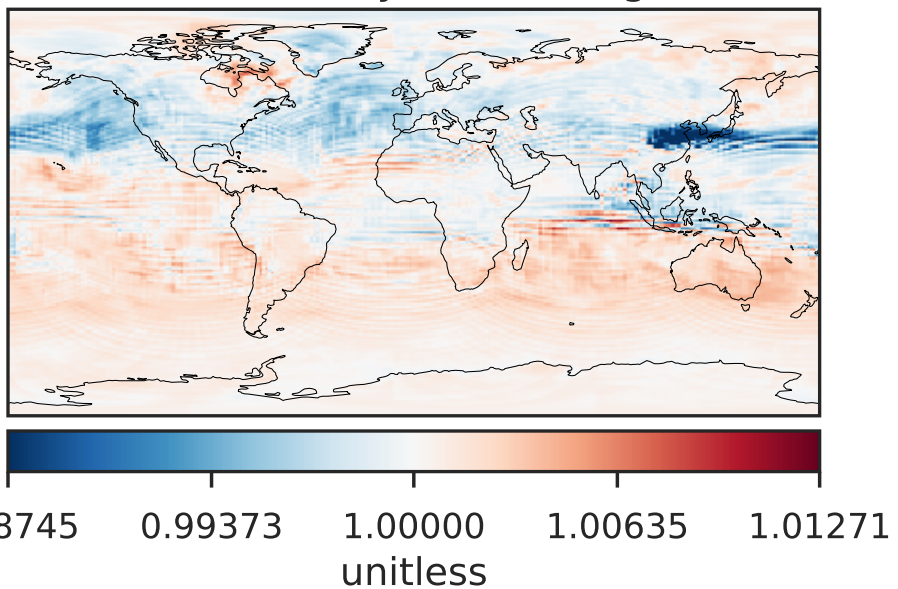
Difference (1x1.25)
Dev - Ref, Dynamic Range



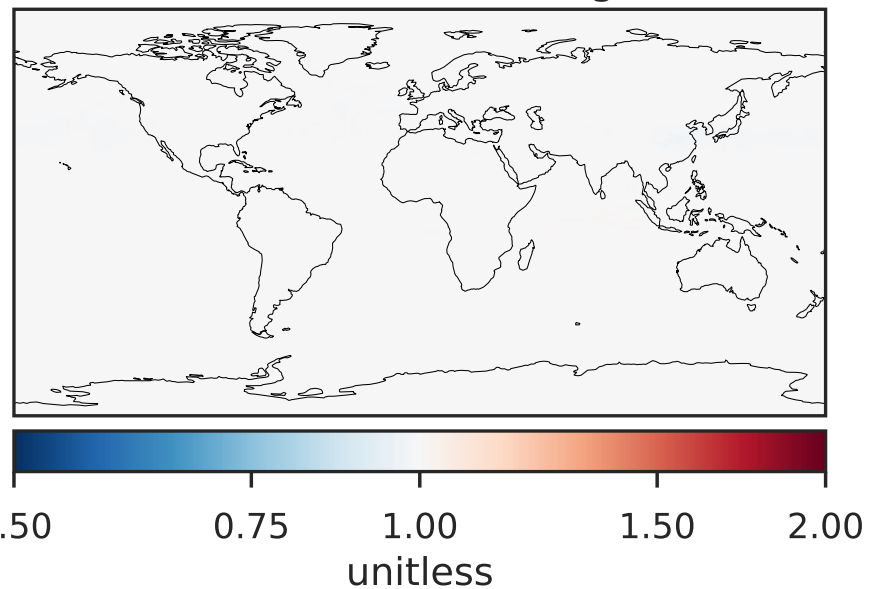
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

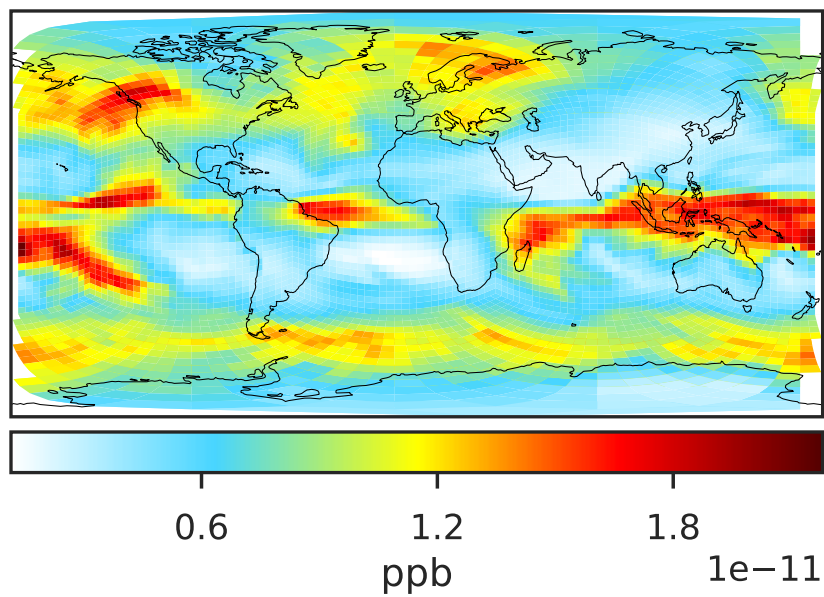


Ratio (1x1.25)
Dev/Ref, Fixed Range

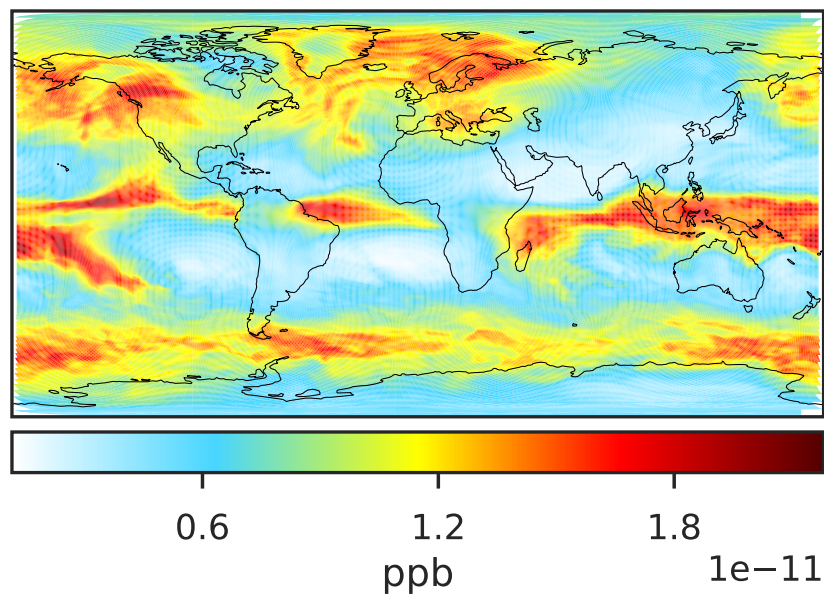


SpeciesConcVW_CH3I (Jan2019)

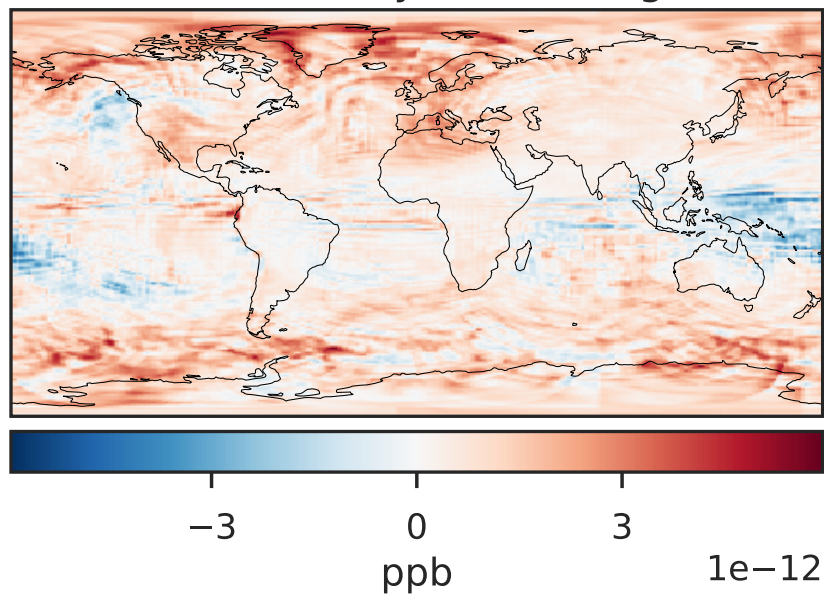
GCHP 14.2.2 using wind (c30) (Ref)
c30



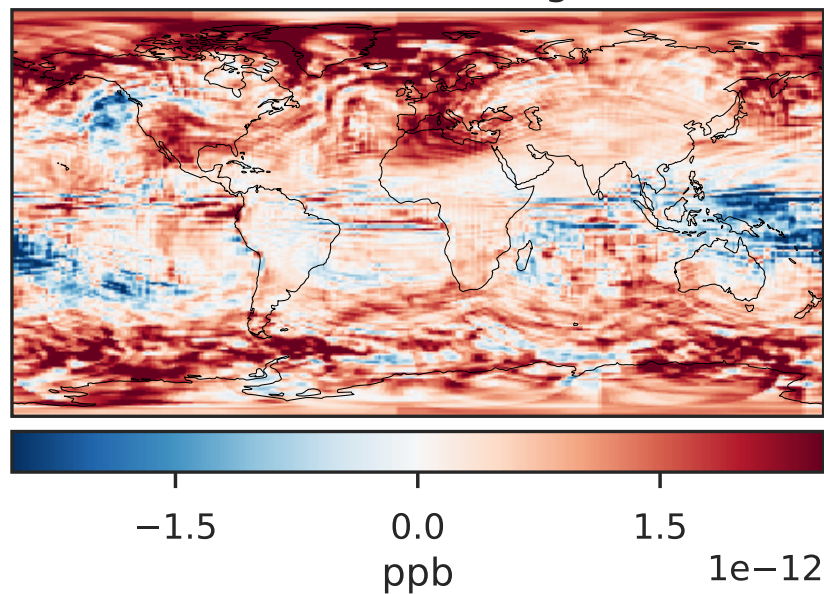
GCHP 14.2.2 using wind (c180) (Dev)
c180



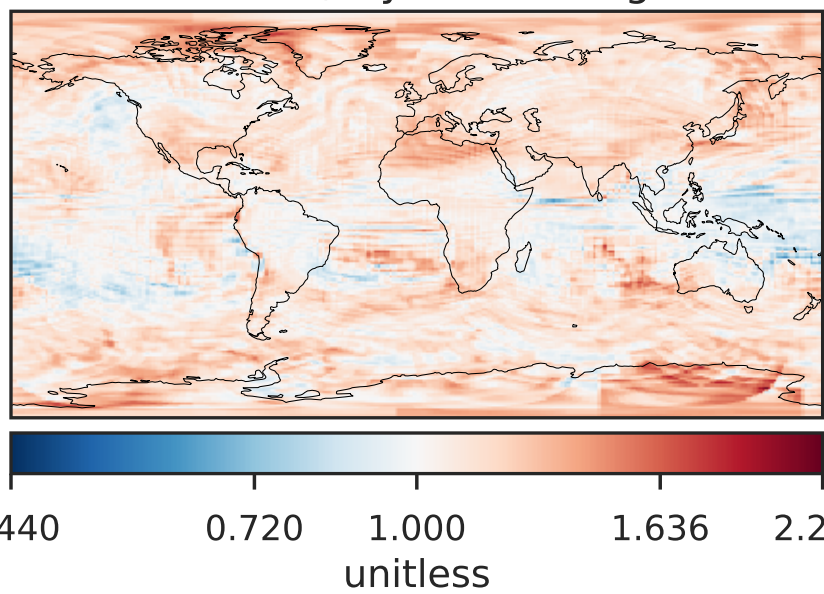
Difference (1x1.25)
Dev - Ref, Dynamic Range



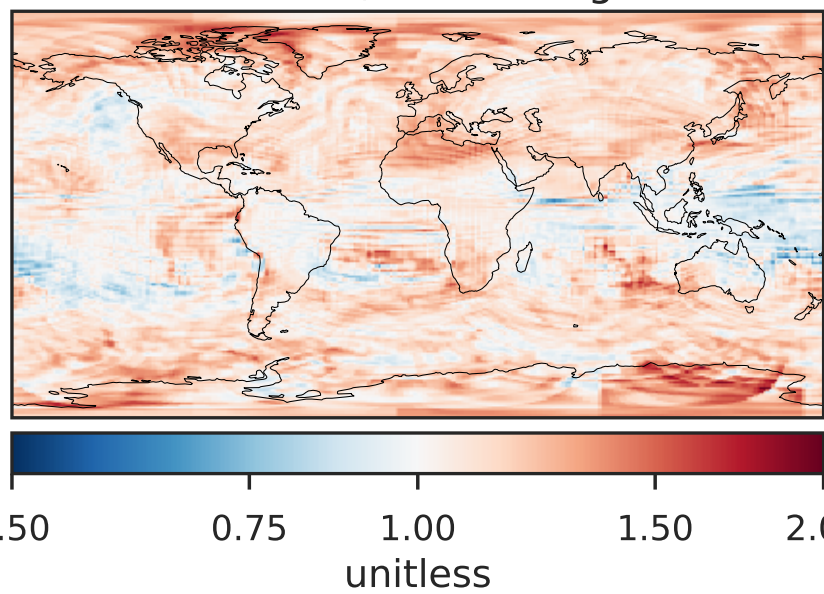
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

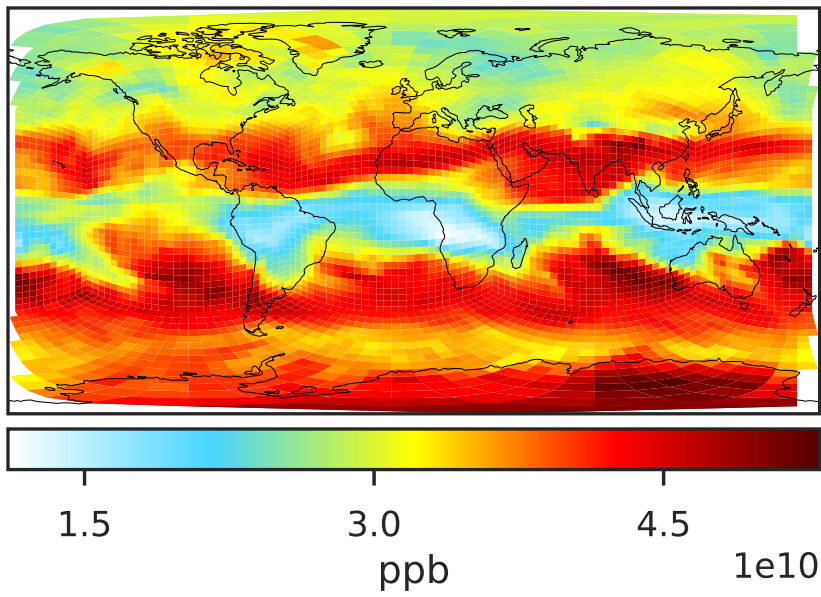


Ratio (1x1.25)
Dev/Ref, Fixed Range

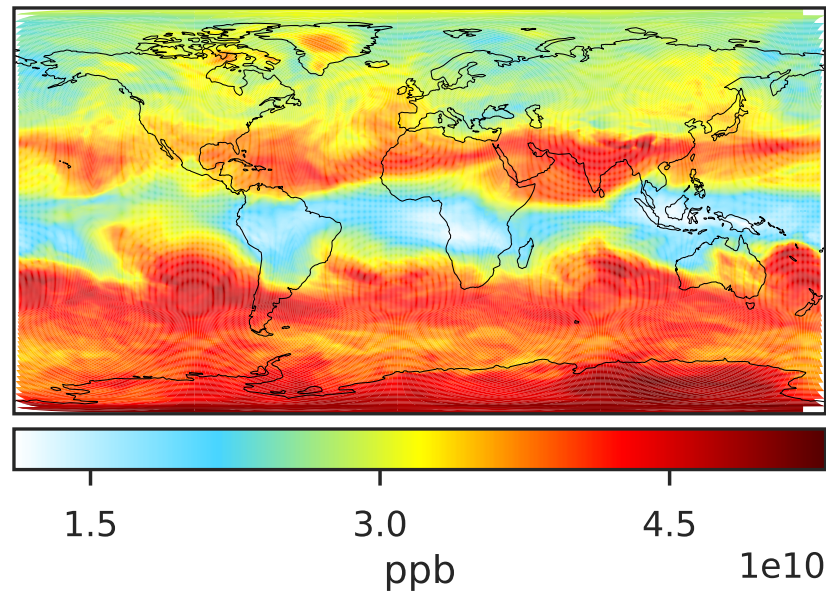


SpeciesConcVV_aoa (Jan2019)

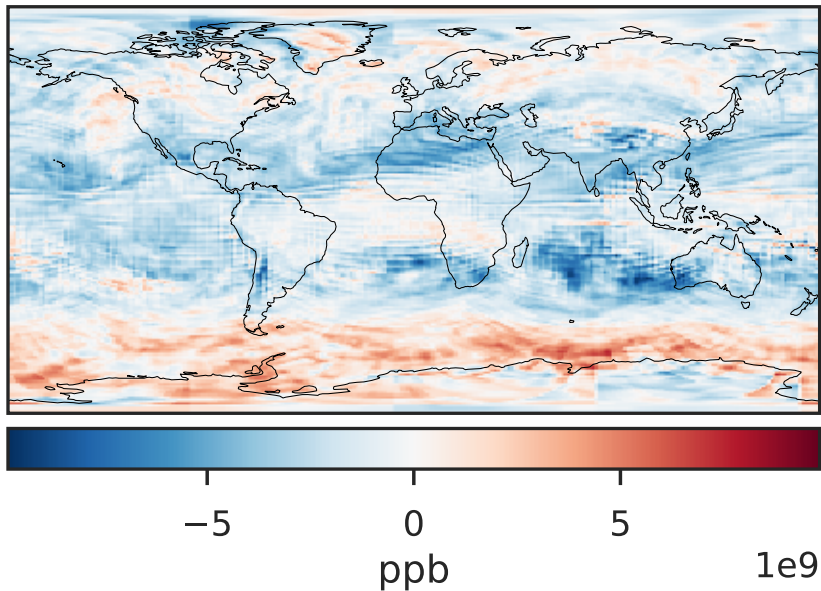
GCHP 14.2.2 using wind (c30) (Ref)
c30



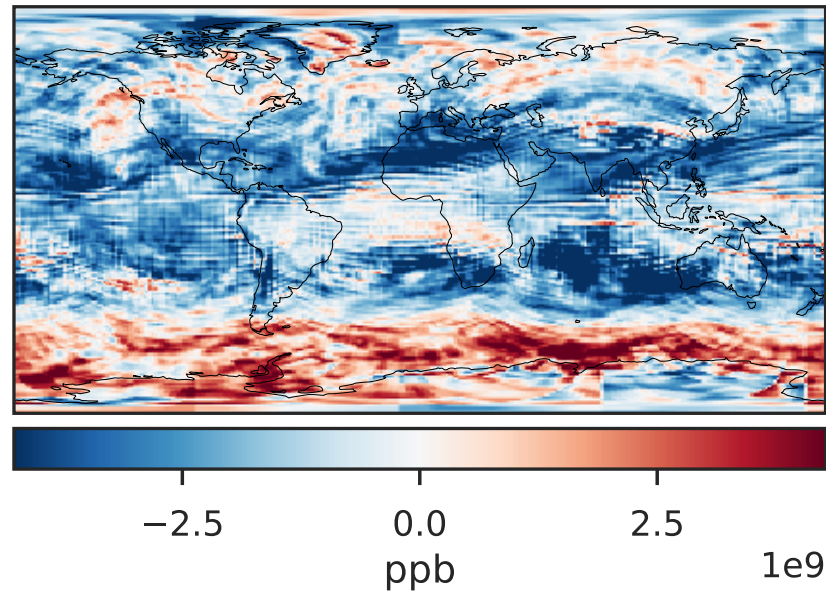
GCHP 14.2.2 using wind (c180) (Dev)
c180



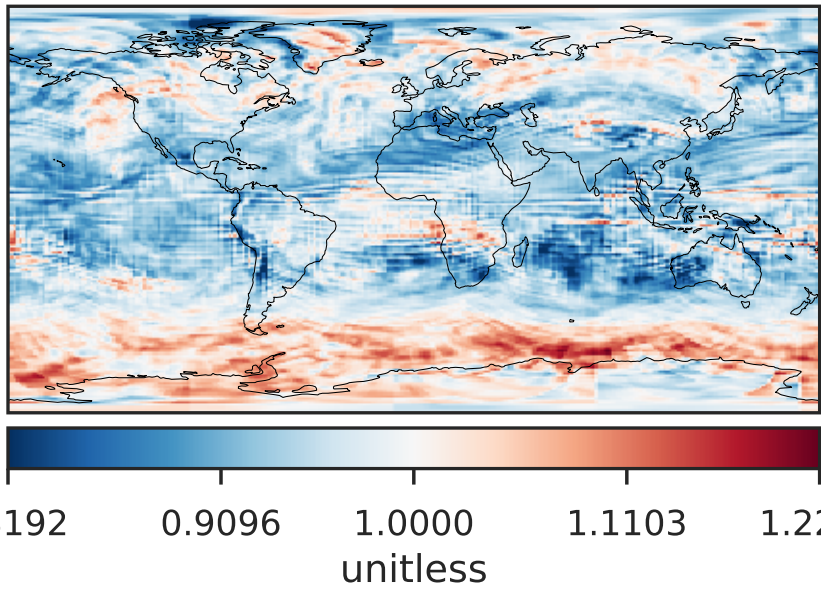
Difference (1x1.25)
Dev - Ref, Dynamic Range



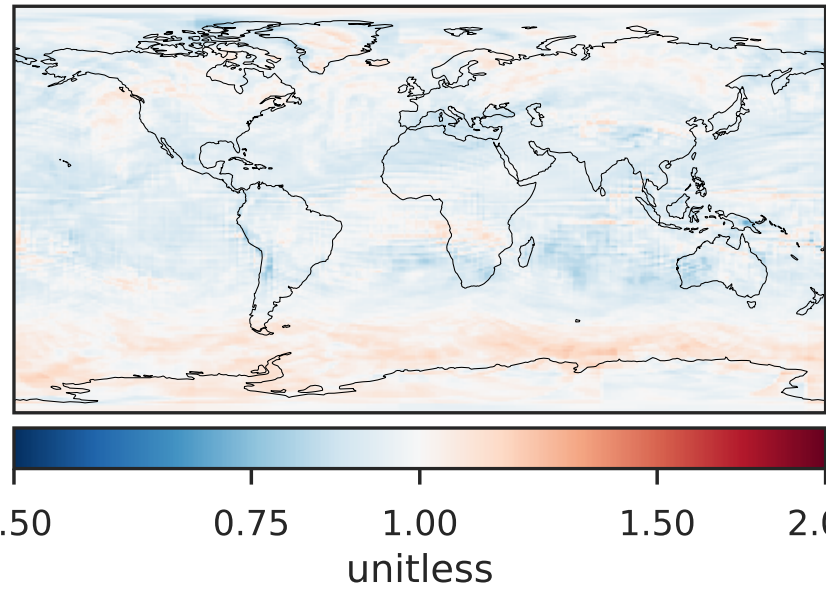
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

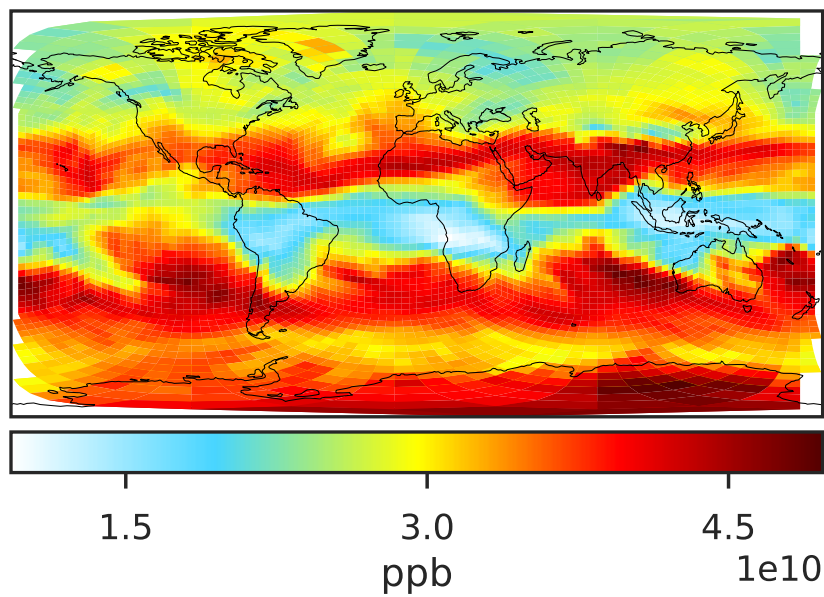


Ratio (1x1.25)
Dev/Ref, Fixed Range

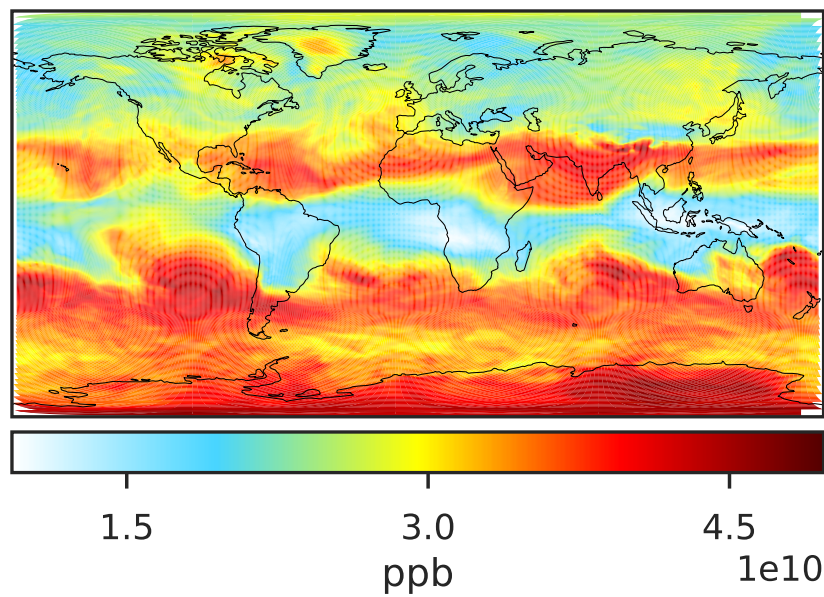


SpeciesConcVV_aoa_bl (Jan2019)

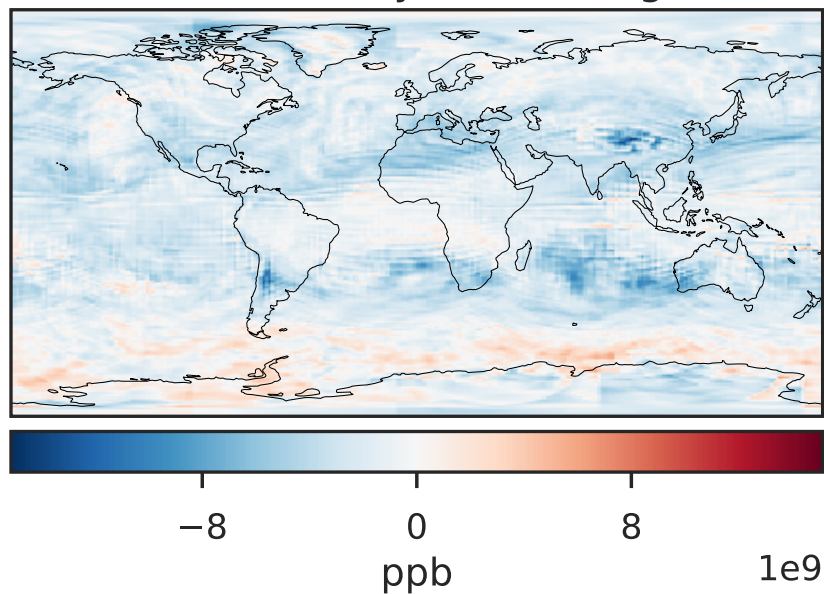
GCHP 14.2.2 using wind (c30) (Ref)
c30



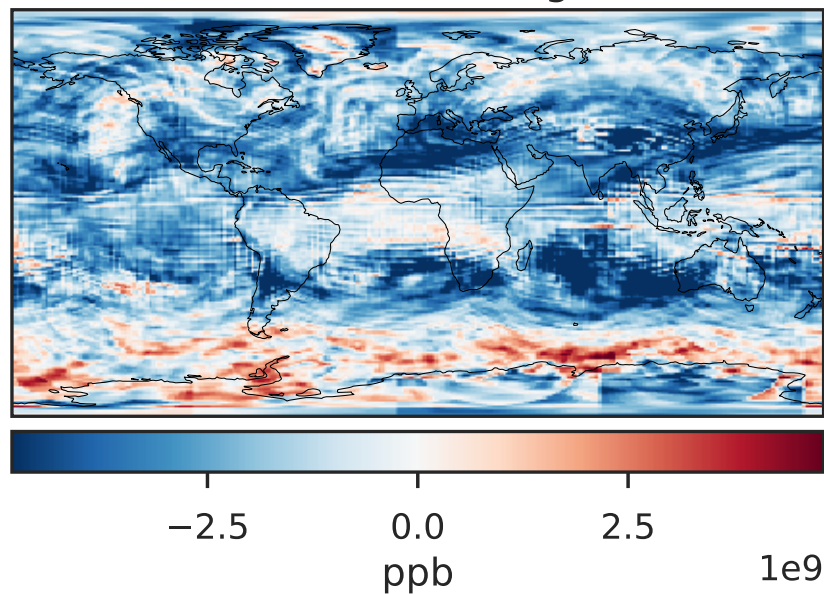
GCHP 14.2.2 using wind (c180) (Dev)
c180



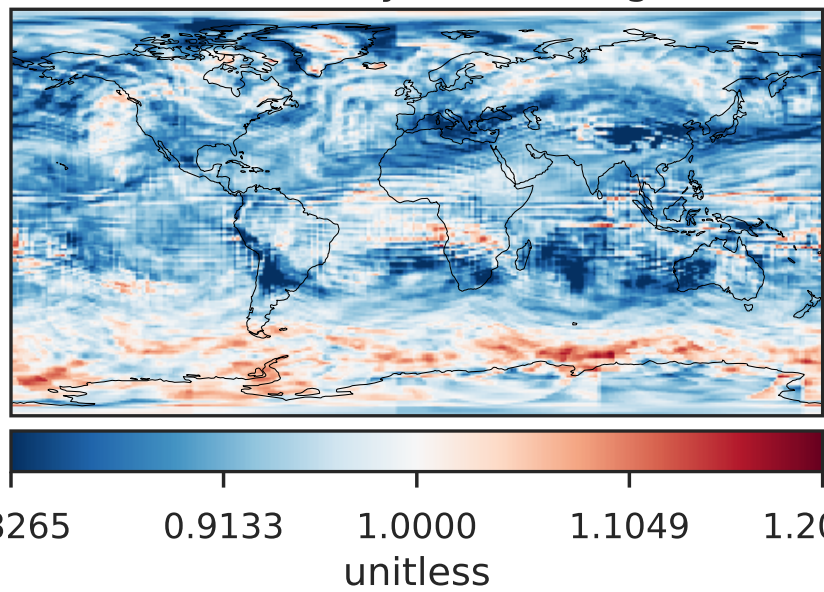
Difference (1x1.25)
Dev - Ref, Dynamic Range



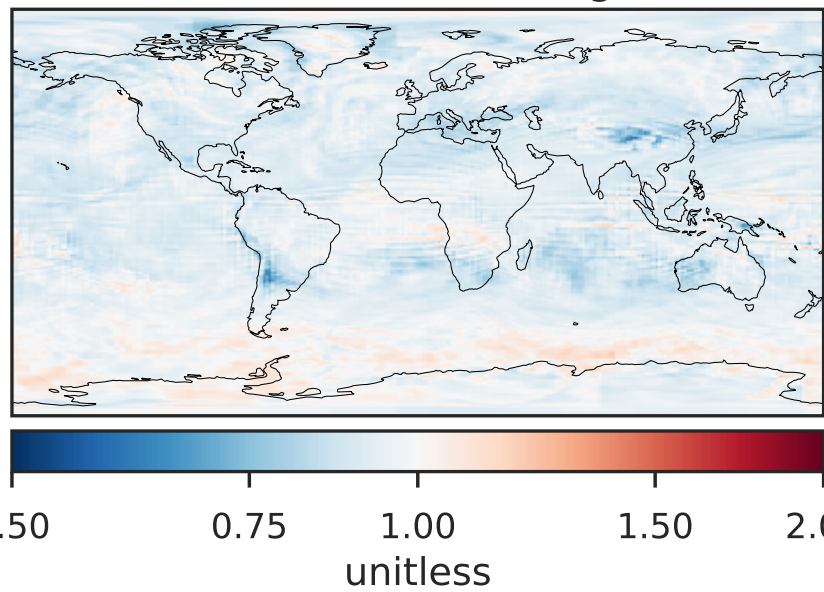
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

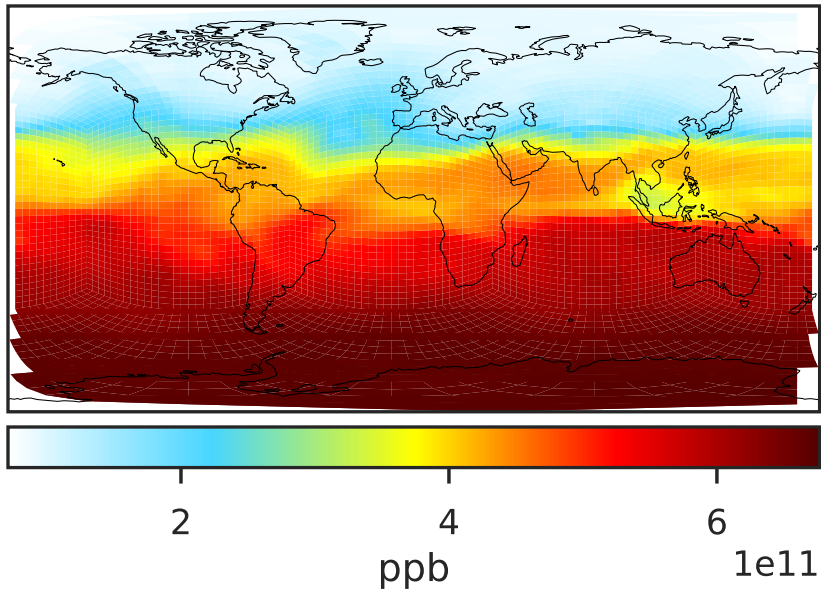


Ratio (1x1.25)
Dev/Ref, Fixed Range

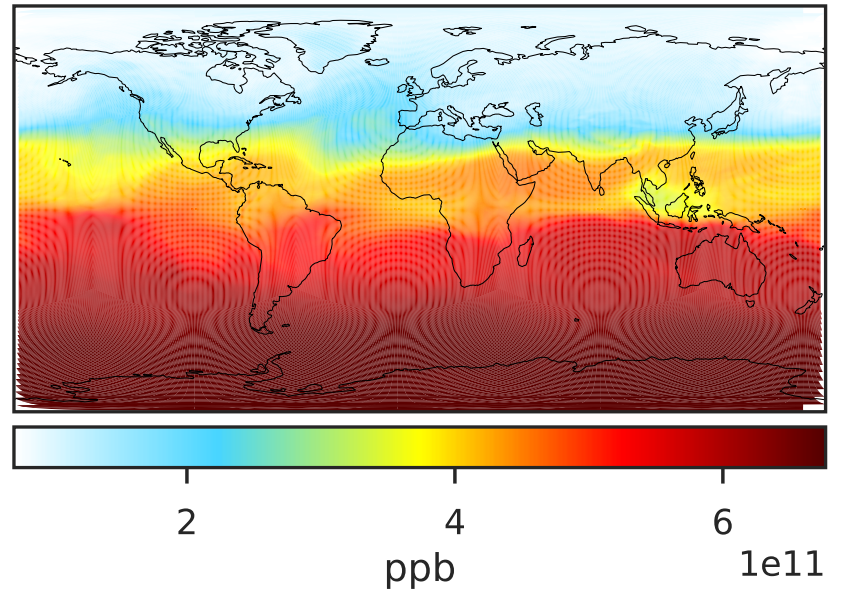


SpeciesConcVV_aoa_nh (Jan2019)

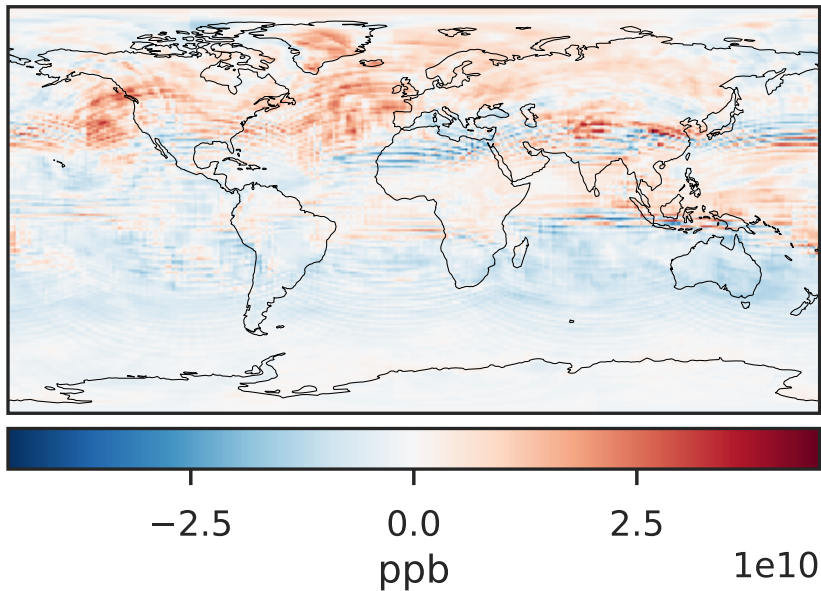
GCHP 14.2.2 using wind (c30) (Ref)
c30



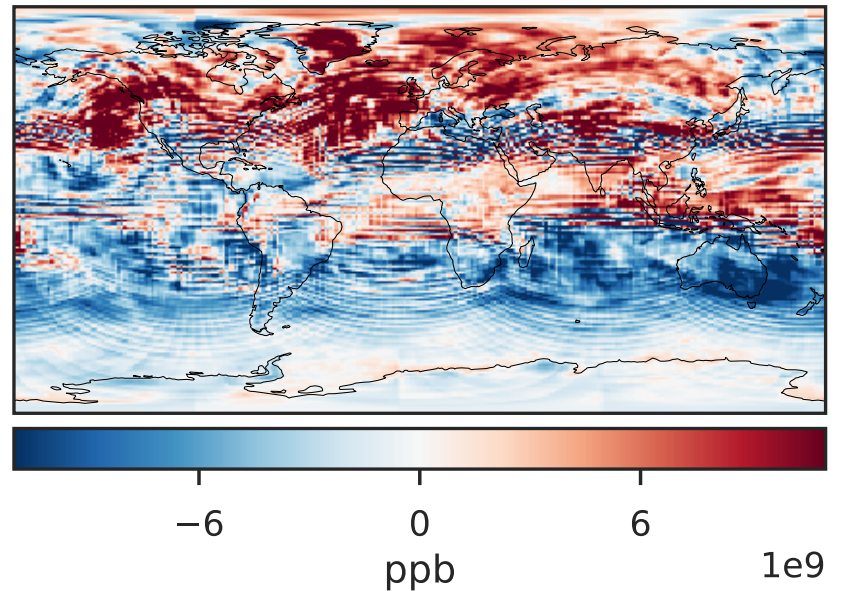
GCHP 14.2.2 using wind (c180) (Dev)
c180



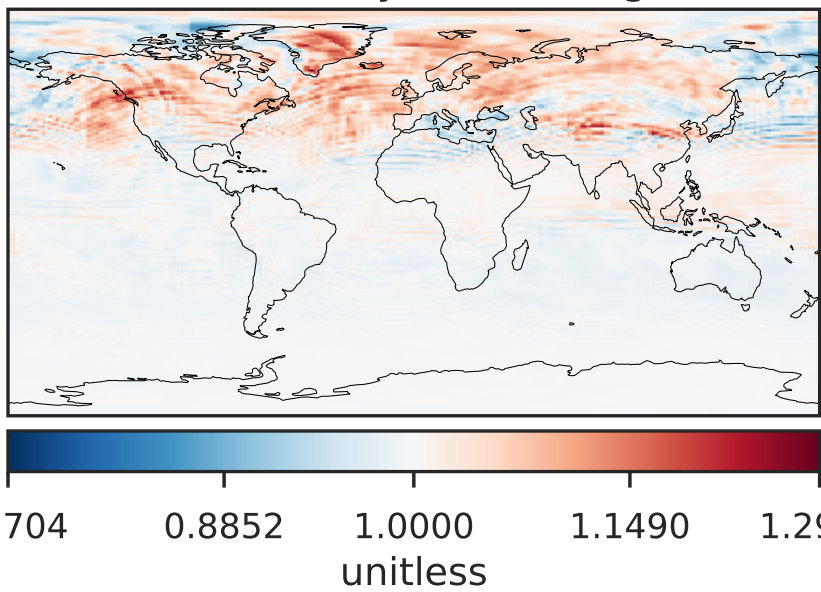
Difference (1x1.25)
Dev - Ref, Dynamic Range



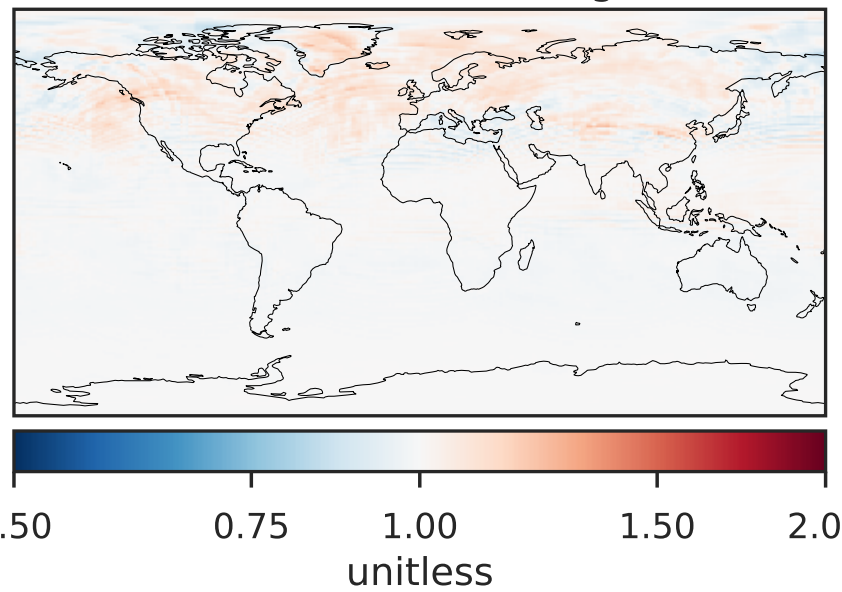
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

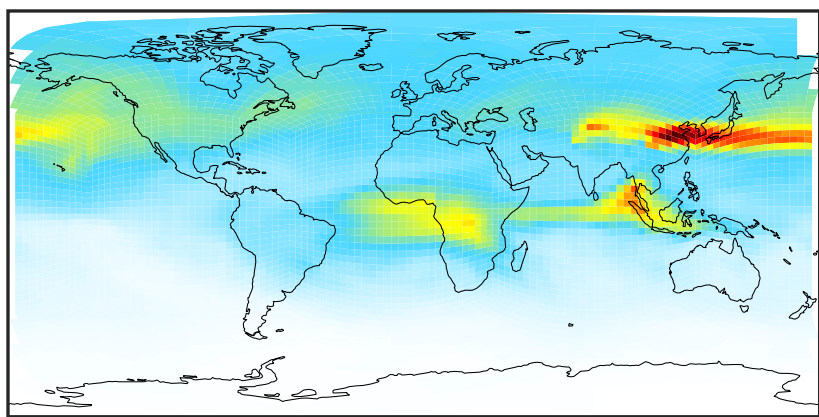


Ratio (1x1.25)
Dev/Ref, Fixed Range



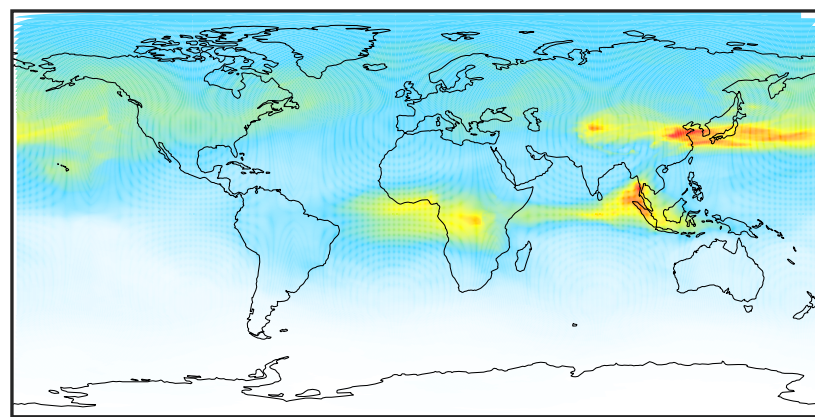
SpeciesConcVV_CO_25 (Jan2019)

GCHP 14.2.2 using wind (c30) (Ref)
c30



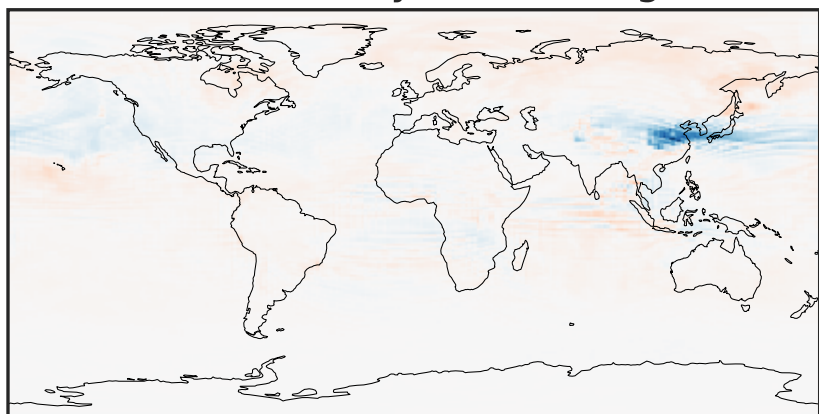
0.72 10.46 20.20 29.94 39.68
ppb

GCHP 14.2.2 using wind (c180) (Dev)
c180



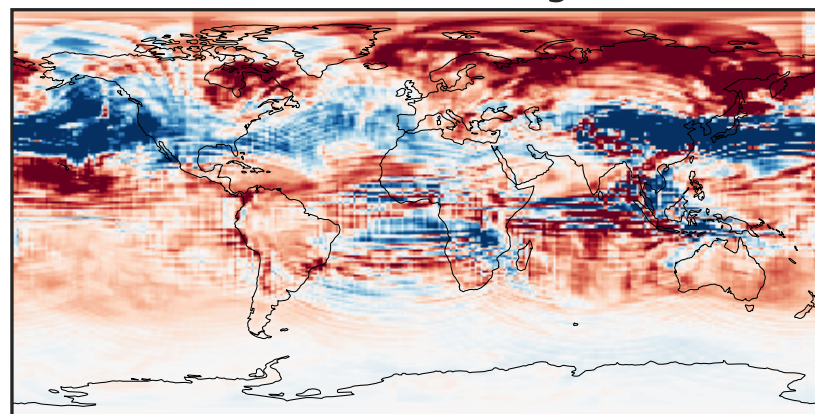
0.72 10.46 20.20 29.94 39.68
ppb

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



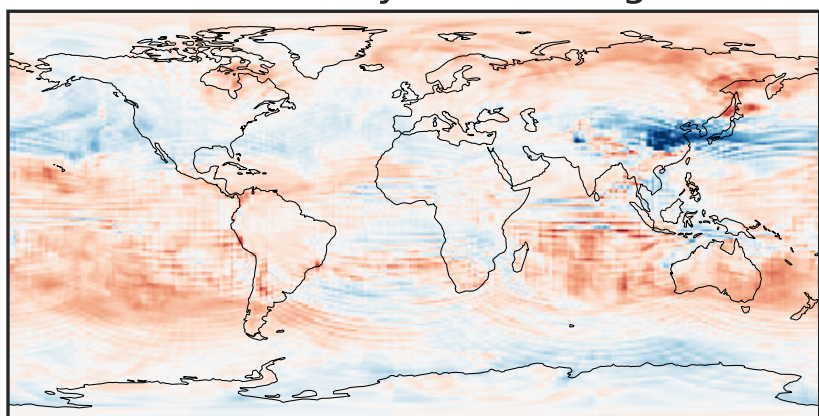
-17.0 -8.5 0.0 8.5 17.0
ppb

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



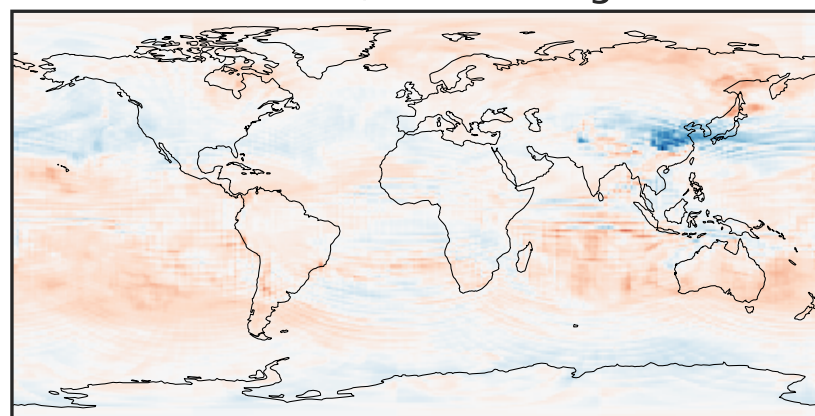
-1.042 -0.521 0.000 0.521 1.042
ppb

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



0.664 0.832 1.000 1.253 1.506
unitless

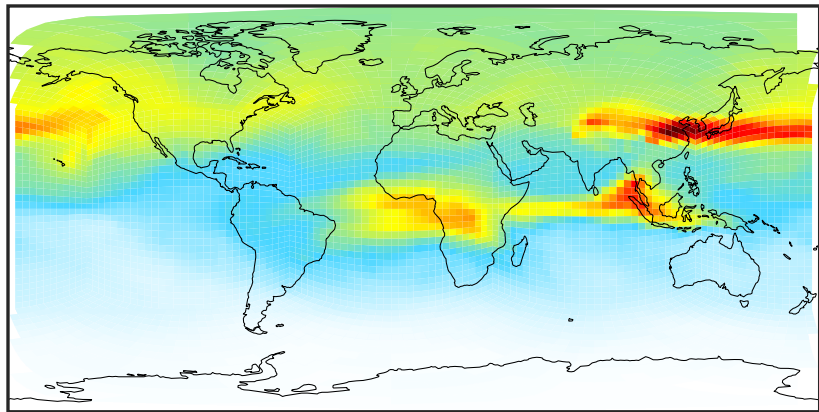
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

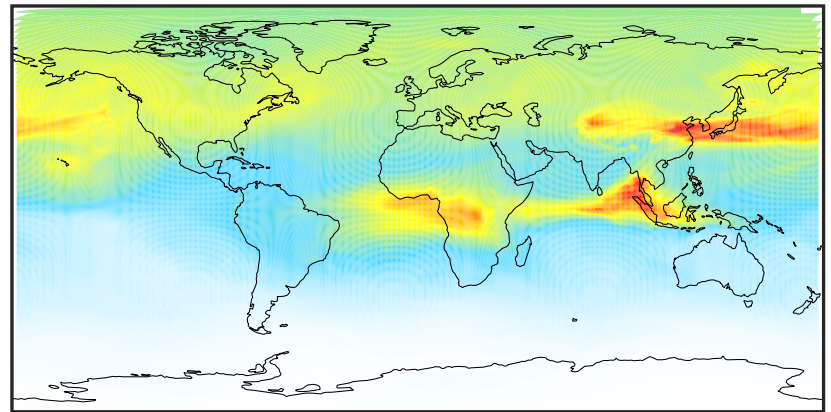
SpeciesConcVV_CO_50 (Jan2019)

GCHP 14.2.2 using wind (c30) (Ref)
c30



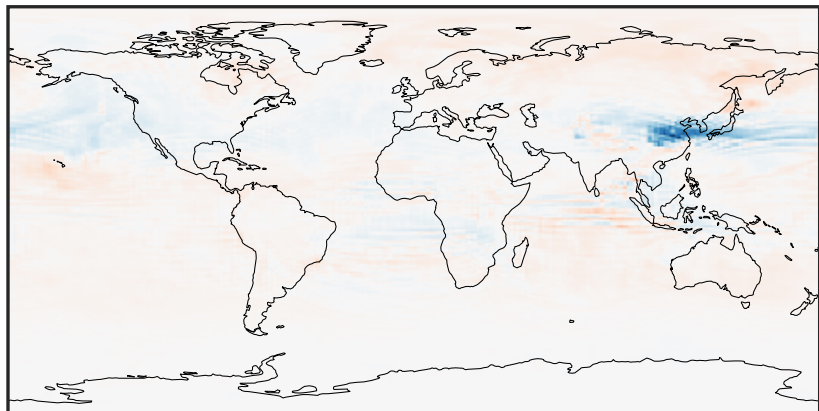
2.96 15.99 29.02 42.05 55.08
ppb

GCHP 14.2.2 using wind (c180) (Dev)
c180



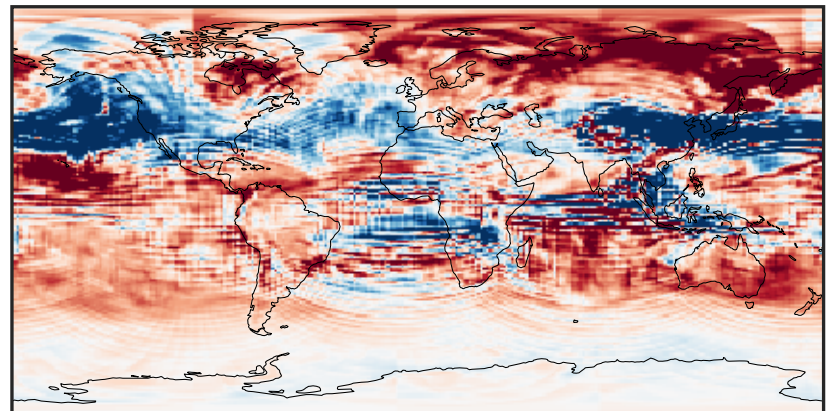
2.96 15.99 29.02 42.05 55.08
ppb

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



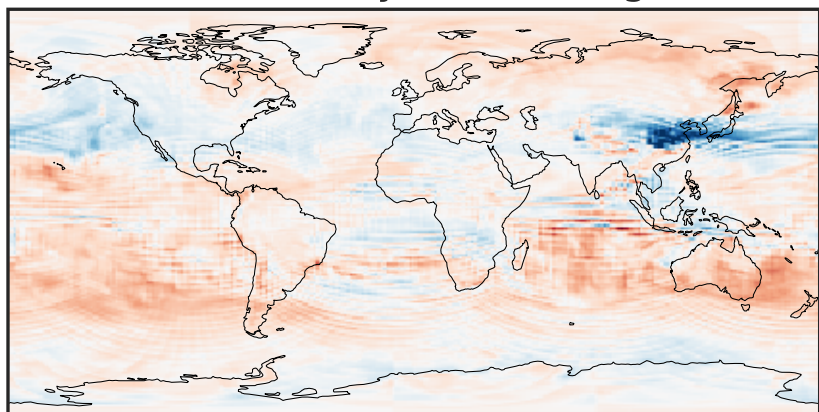
-19.24 -9.62 0.00 9.62 19.24
ppb

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



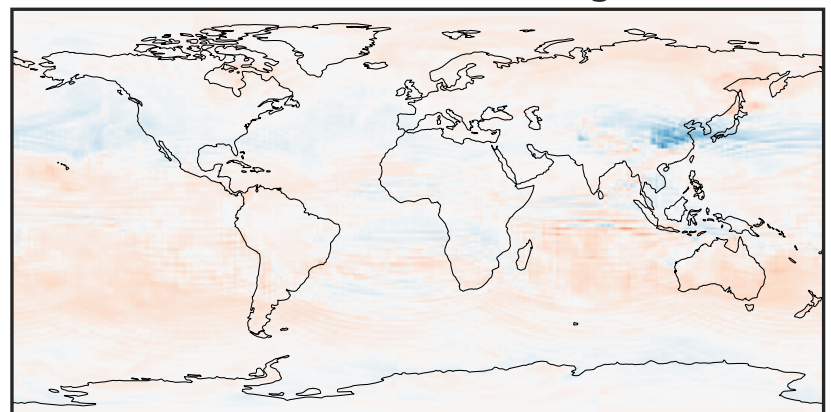
-1.290 -0.645 0.000 0.645 1.290
ppb

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



0.7291 0.8646 1.0000 1.1857 1.3715
unitless

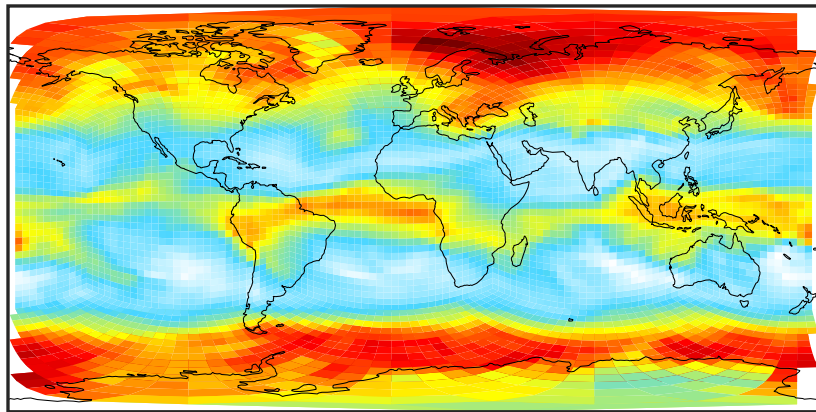
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

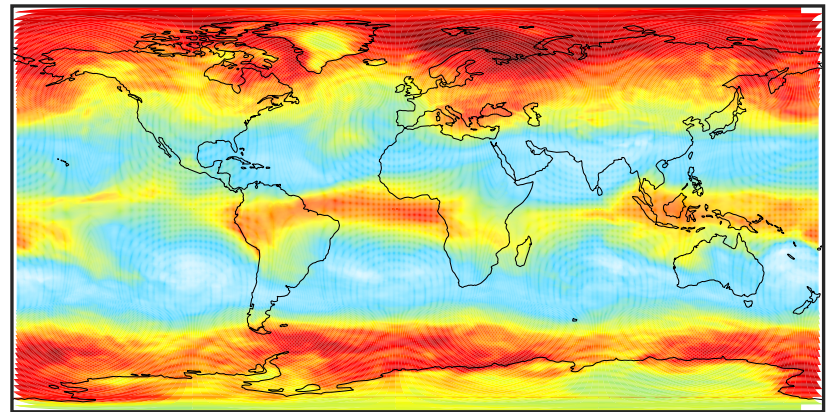
SpeciesConcVW_e90 (Jan2019)

GCHP 14.2.2 using wind (c30) (Ref)
c30



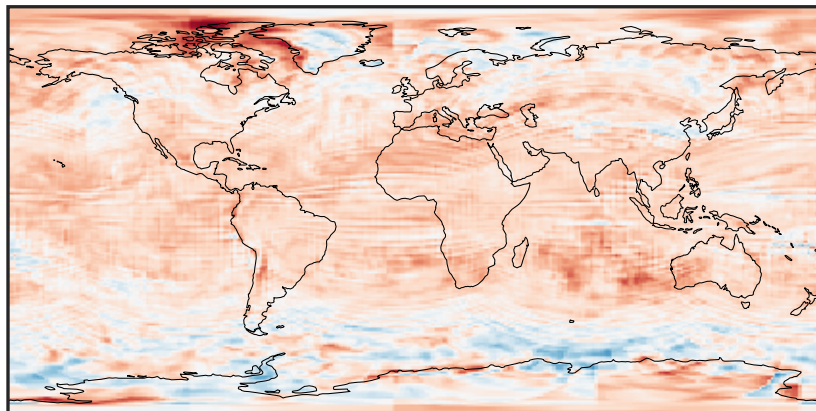
56.07 61.79 67.51 73.23 78.95
ppb

GCHP 14.2.2 using wind (c180) (Dev)
c180



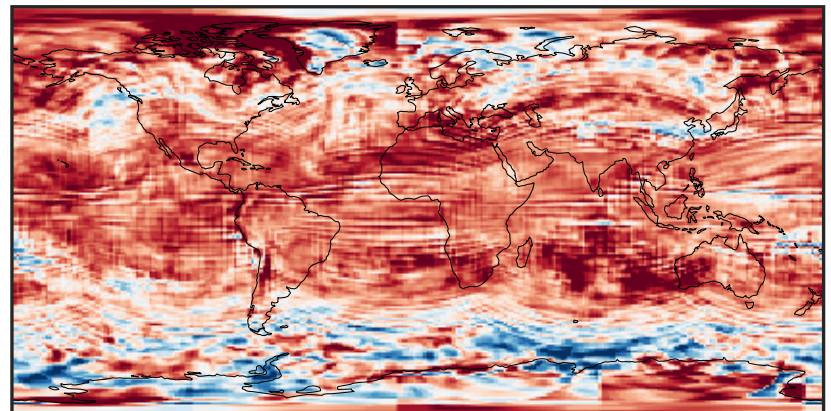
56.07 61.79 67.51 73.23 78.95
ppb

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



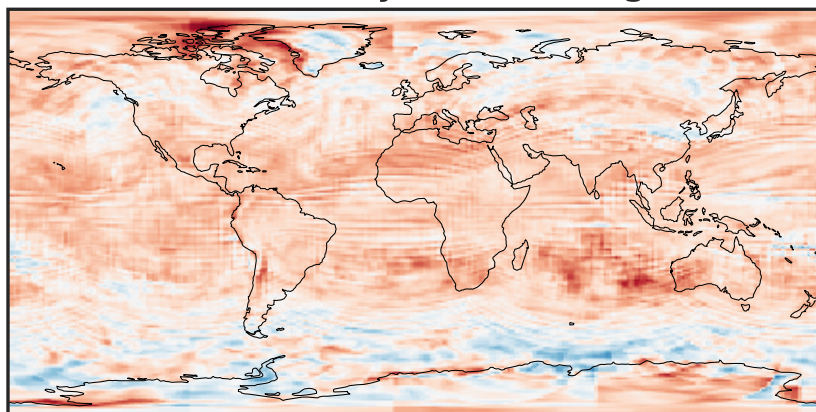
-6.14 -3.07 0.00 3.07 6.14
ppb

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



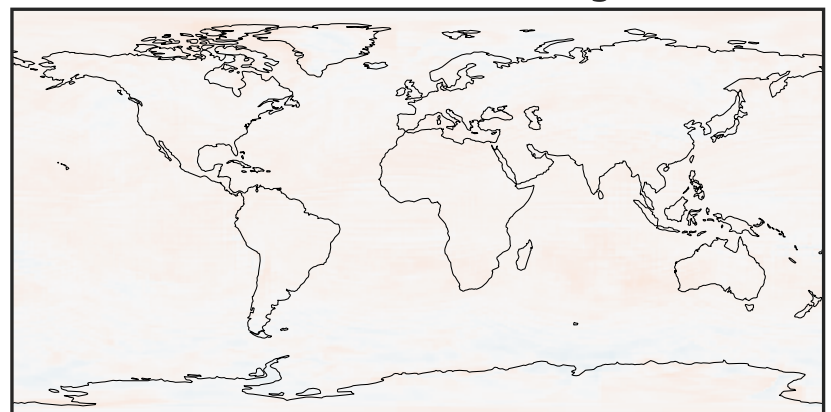
-2.326 -1.163 0.000 1.163 2.326
ppb

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



0.9193 0.9596 1.0000 1.0439 1.0878
unitless

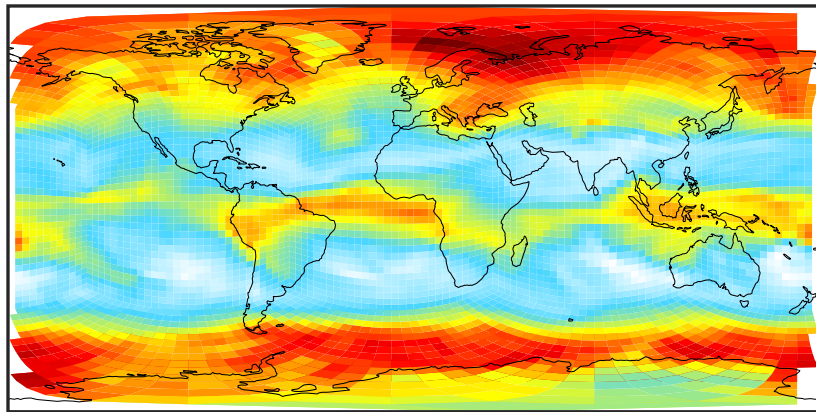
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

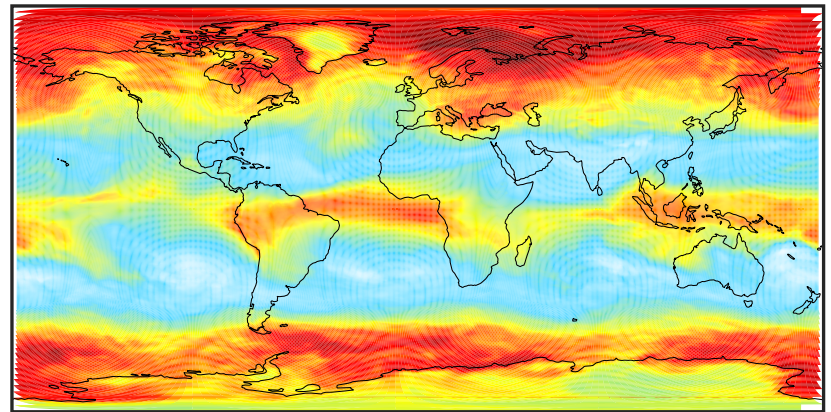
SpeciesConcVV_e90_n (Jan2019)

GCHP 14.2.2 using wind (c30) (Ref)
c30



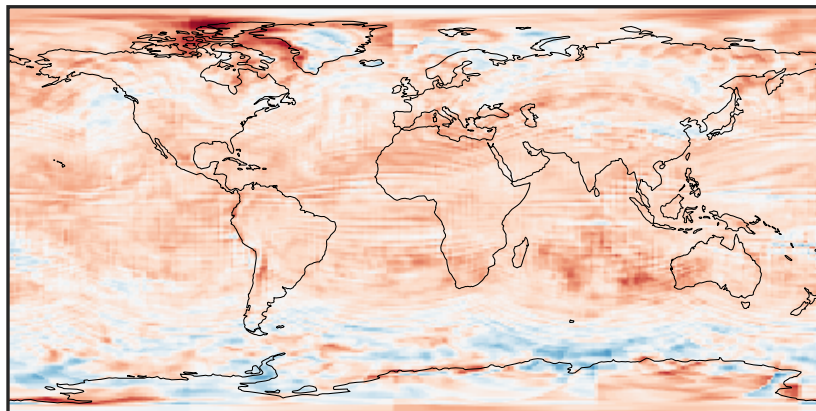
56.07 61.79 67.51 73.23 78.95
ppb

GCHP 14.2.2 using wind (c180) (Dev)
c180



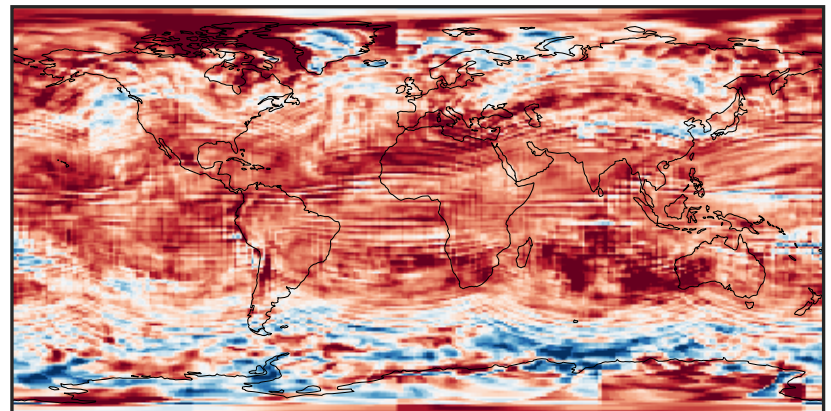
56.07 61.79 67.51 73.23 78.95
ppb

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



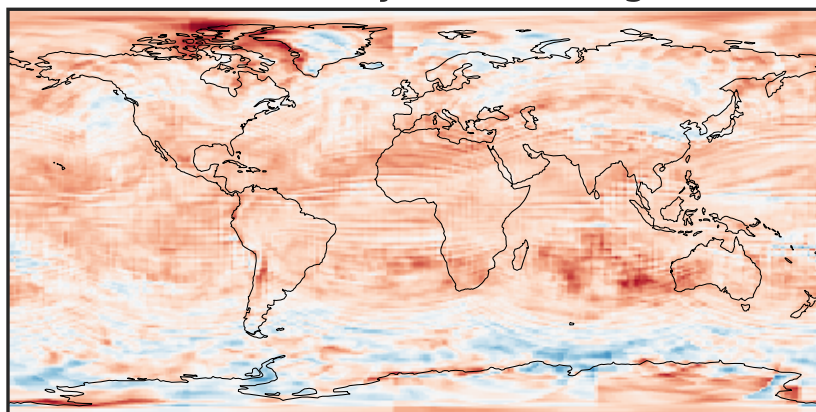
-6.14 -3.07 0.00 3.07 6.14
ppb

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



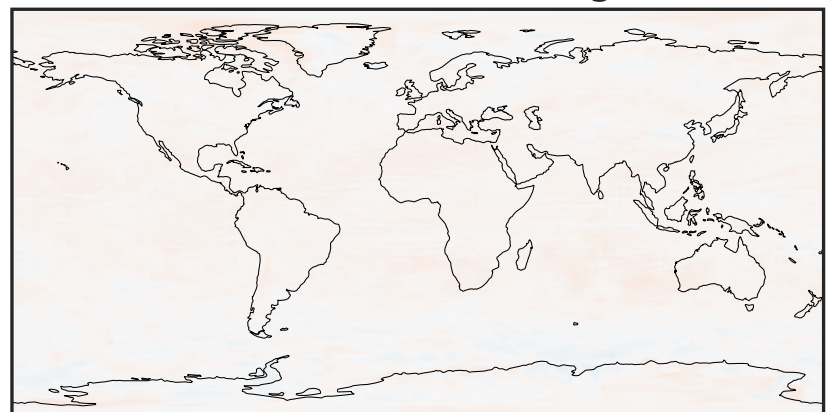
-2.326 -1.163 0.000 1.163 2.326
ppb

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



0.9193 0.9596 1.0000 1.0439 1.0878
unitless

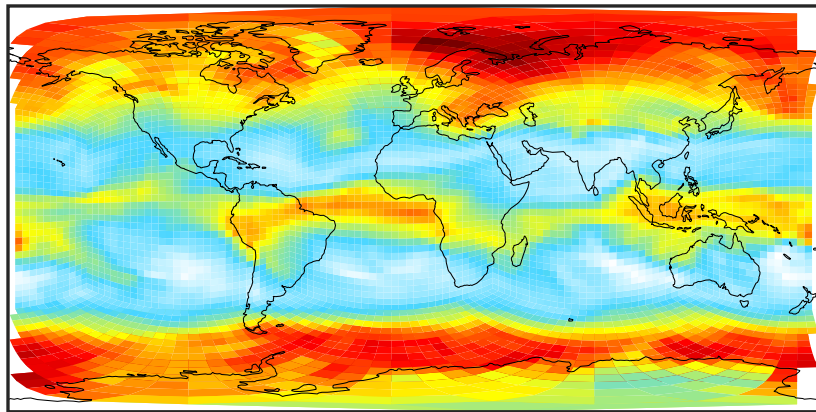
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

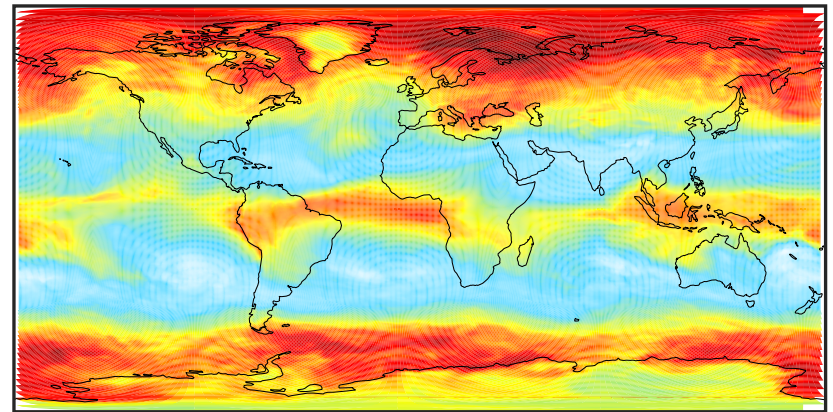
SpeciesConcVV_e90_s (Jan2019)

GCHP 14.2.2 using wind (c30) (Ref)
c30



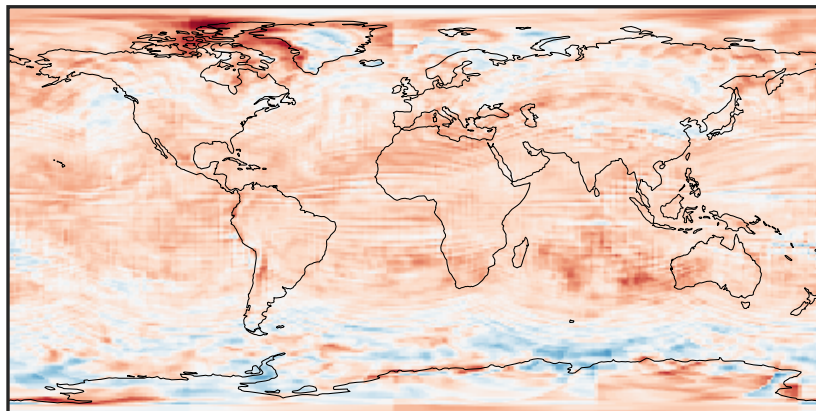
56.07 61.79 67.51 73.23 78.95
ppb

GCHP 14.2.2 using wind (c180) (Dev)
c180



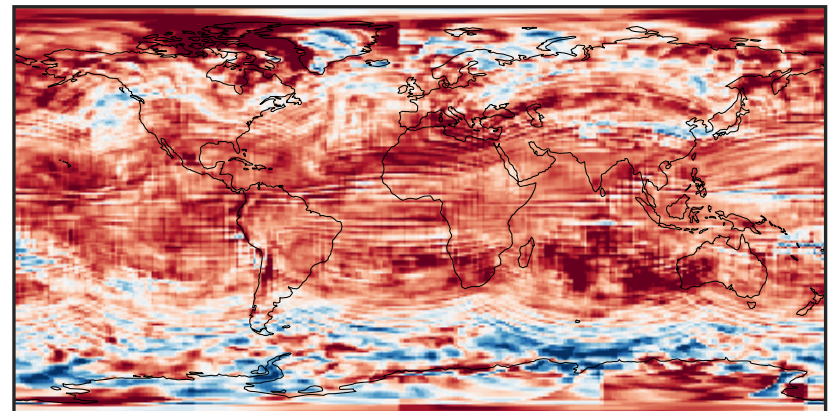
56.07 61.79 67.51 73.23 78.95
ppb

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



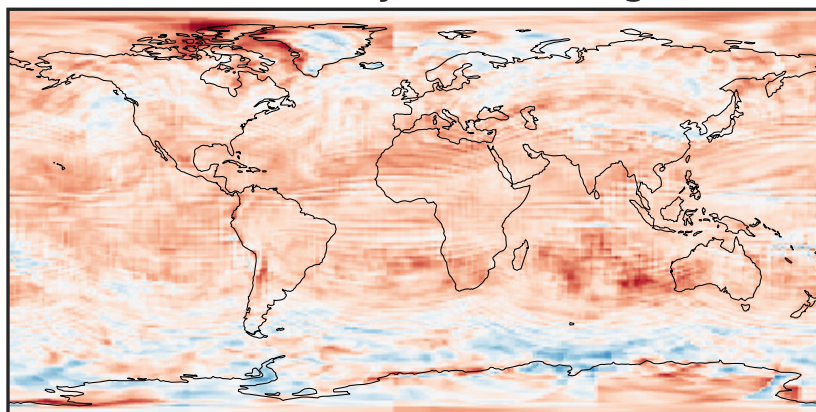
-6.14 -3.07 0.00 3.07 6.14
ppb

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



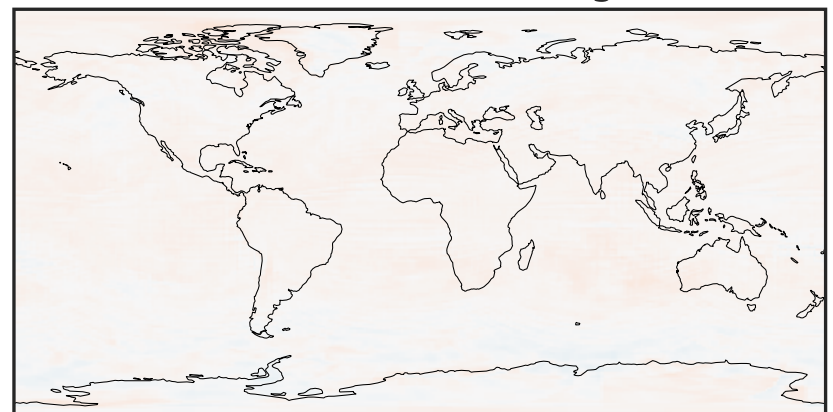
-2.326 -1.163 0.000 1.163 2.326
ppb

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



0.9193 0.9596 1.0000 1.0439 1.0878
unitless

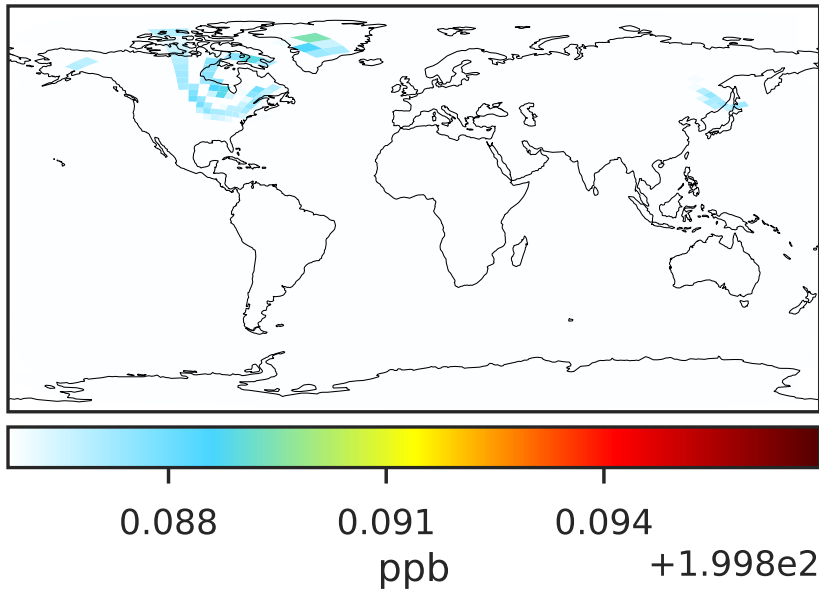
Ratio (1x1.25)
Dev/Ref, Fixed Range



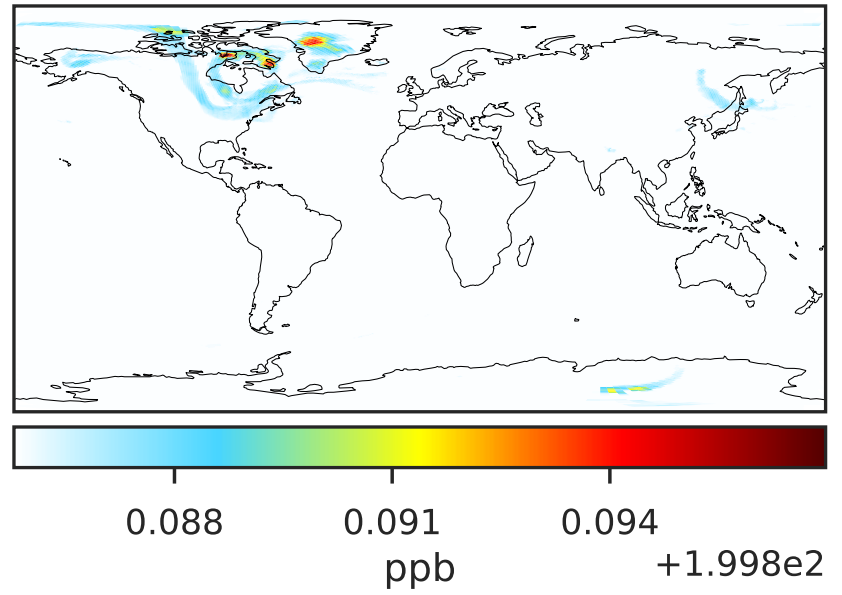
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_st80_25 (Jan2019)

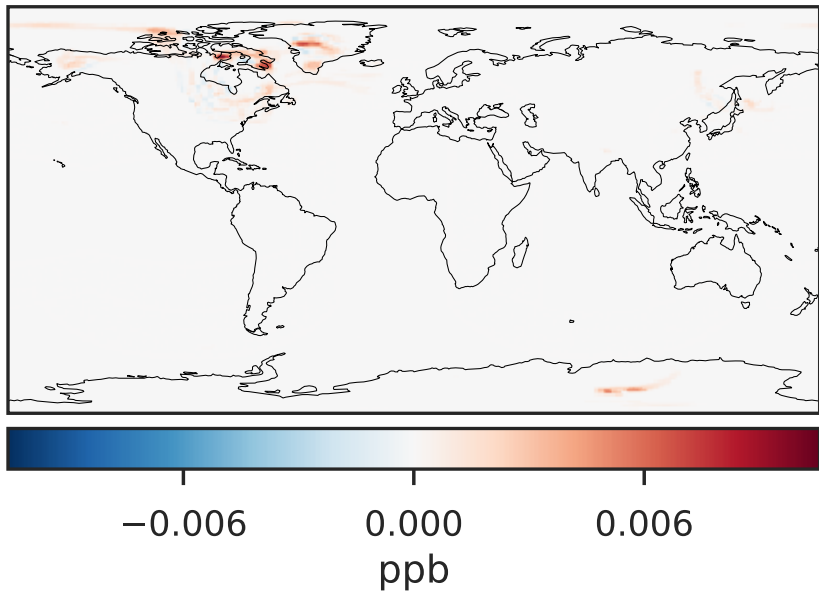
GCHP 14.2.2 using wind (c30) (Ref)
c30



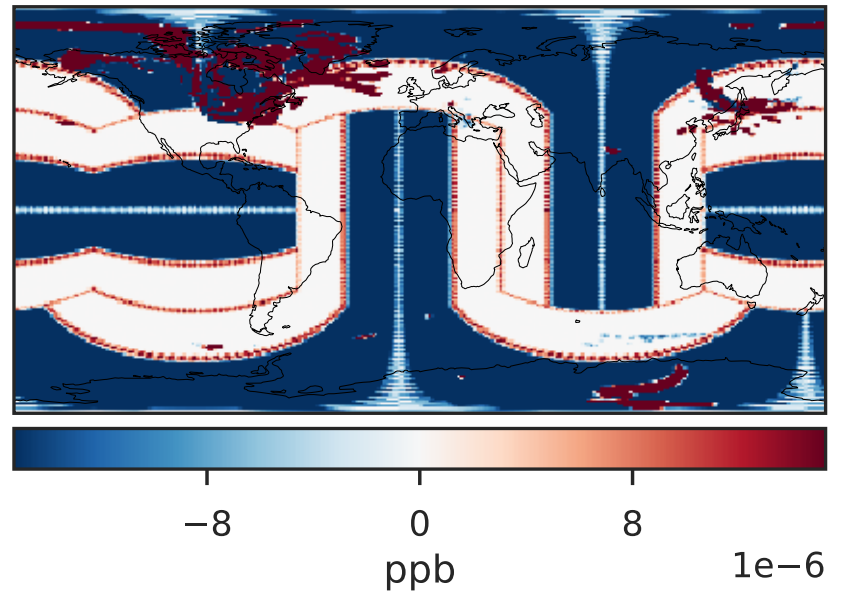
GCHP 14.2.2 using wind (c180) (Dev)
c180



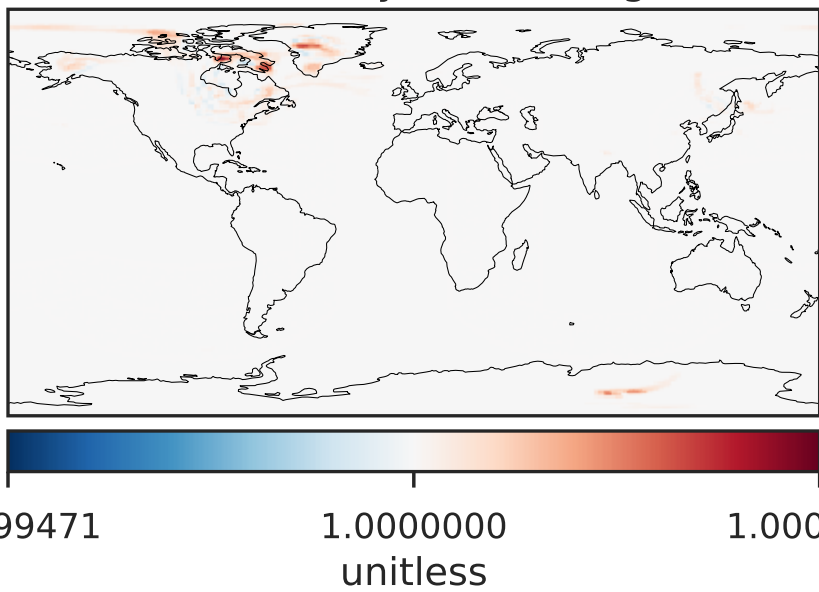
Difference (1x1.25)
Dev - Ref, Dynamic Range



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



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



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

