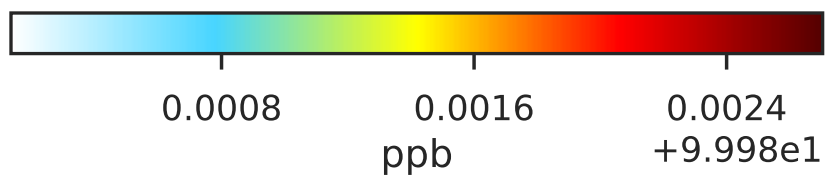
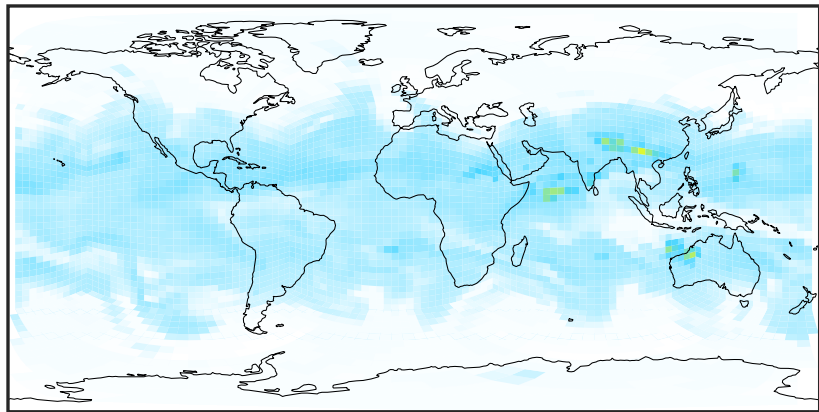
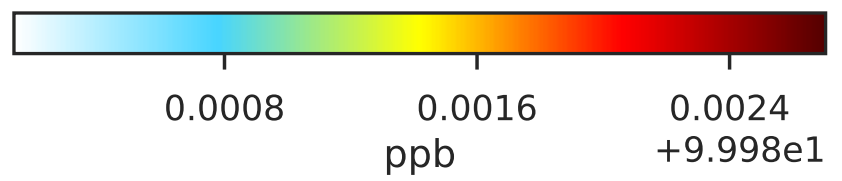
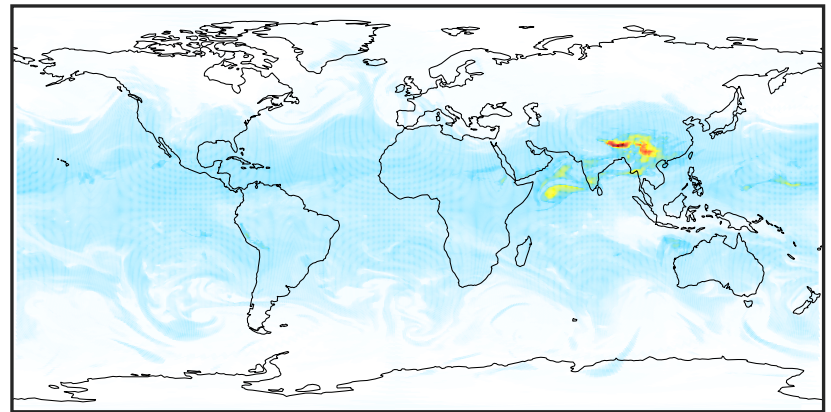


SpeciesConcVV_PassiveTracer (Apr2019)

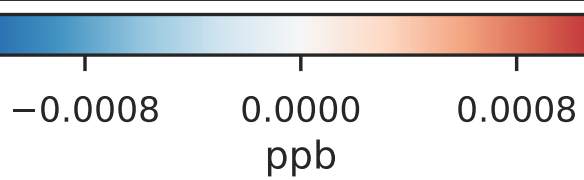
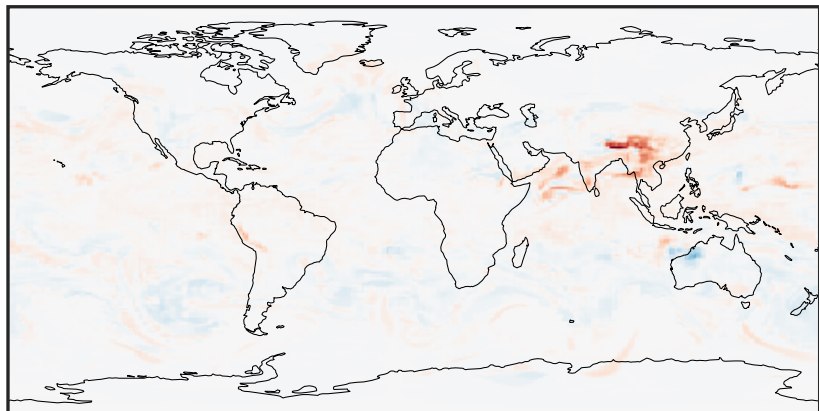
GCHP 14.2.2 using wind (c30) (Ref)
c30



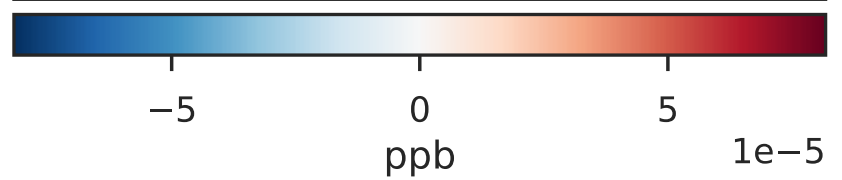
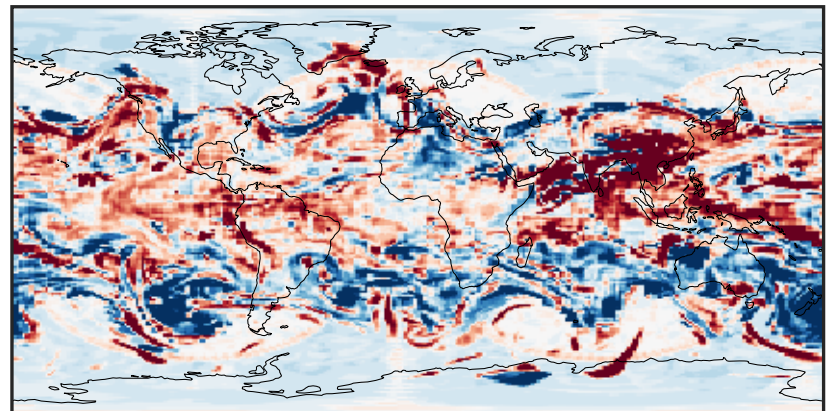
GCHP 14.2.2 using wind (c180) (Dev)
c180



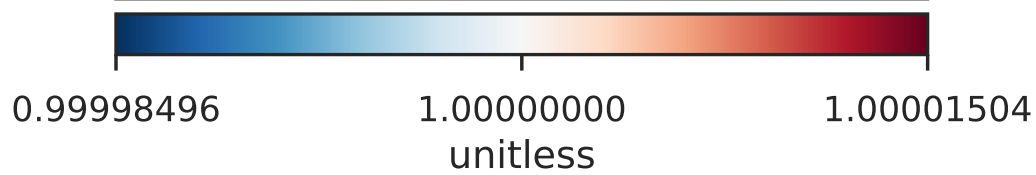
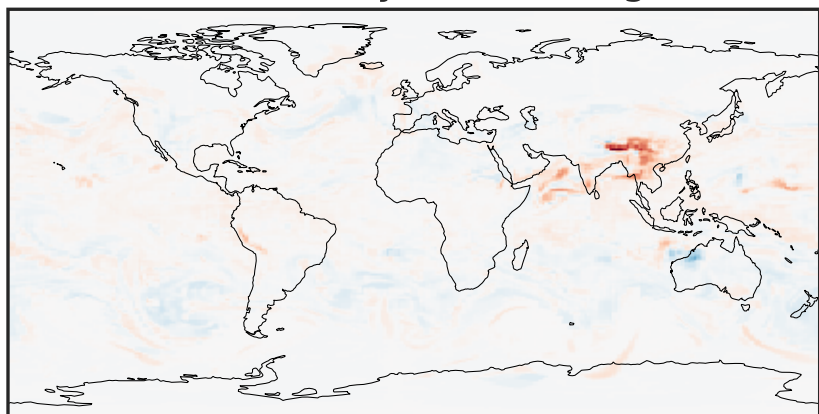
Difference (1x1.25)
Dev - Ref, Dynamic Range



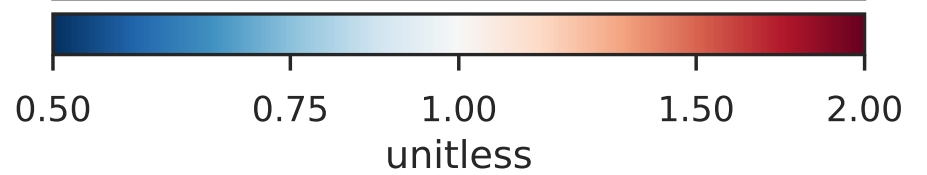
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

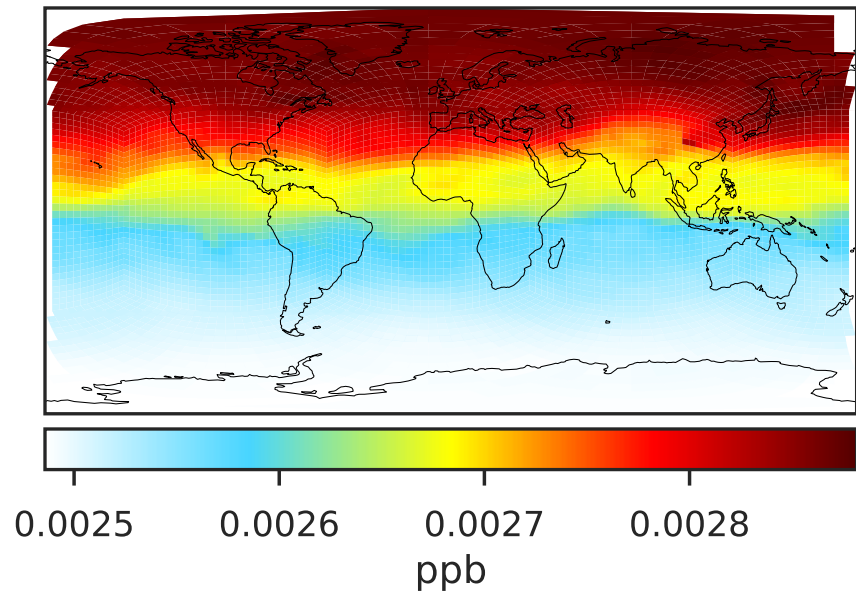


Ratio (1x1.25)
Dev/Ref, Fixed Range

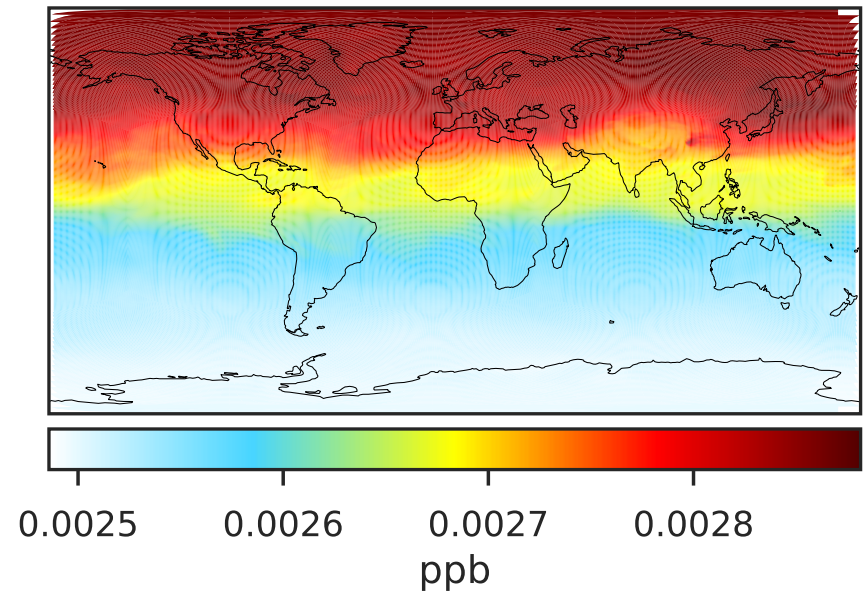


SpeciesConcVV_SF6 (Apr2019)

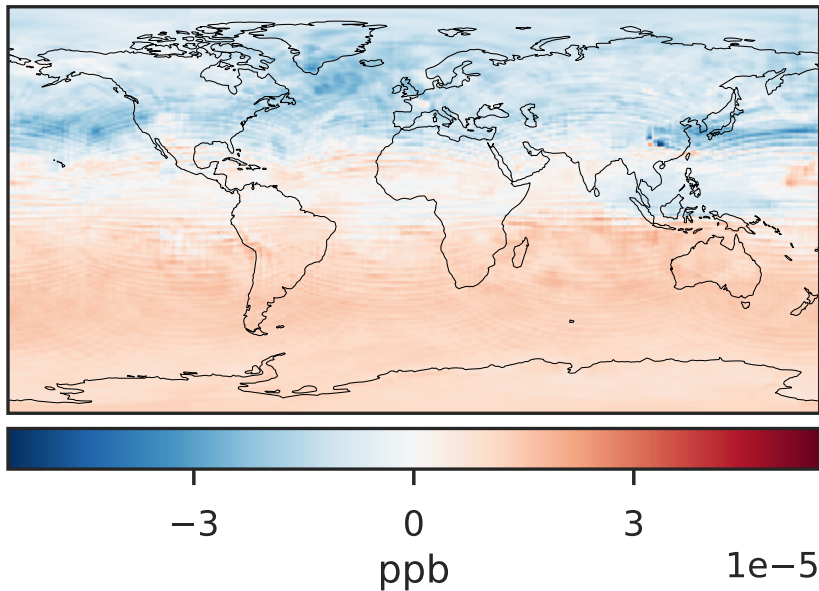
GCHP 14.2.2 using wind (c30) (Ref)
c30



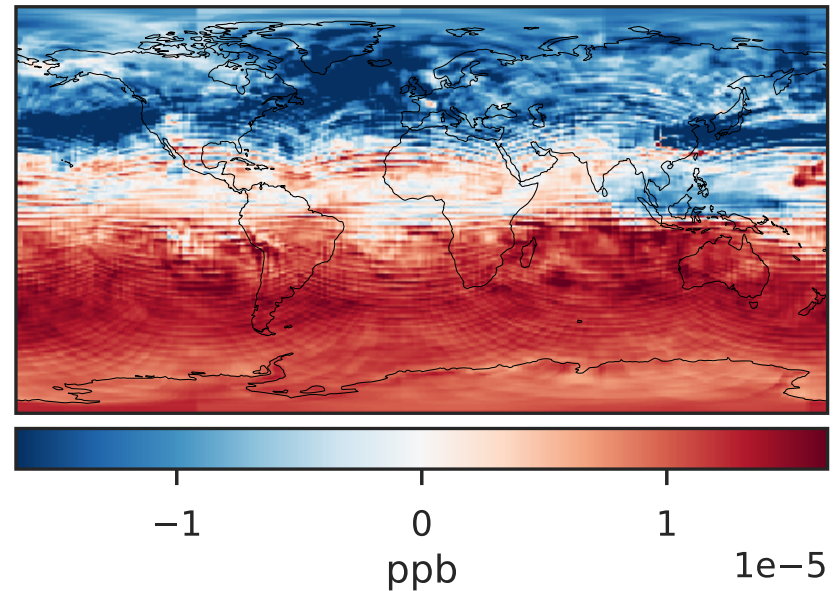
GCHP 14.2.2 using wind (c180) (Dev)
c180



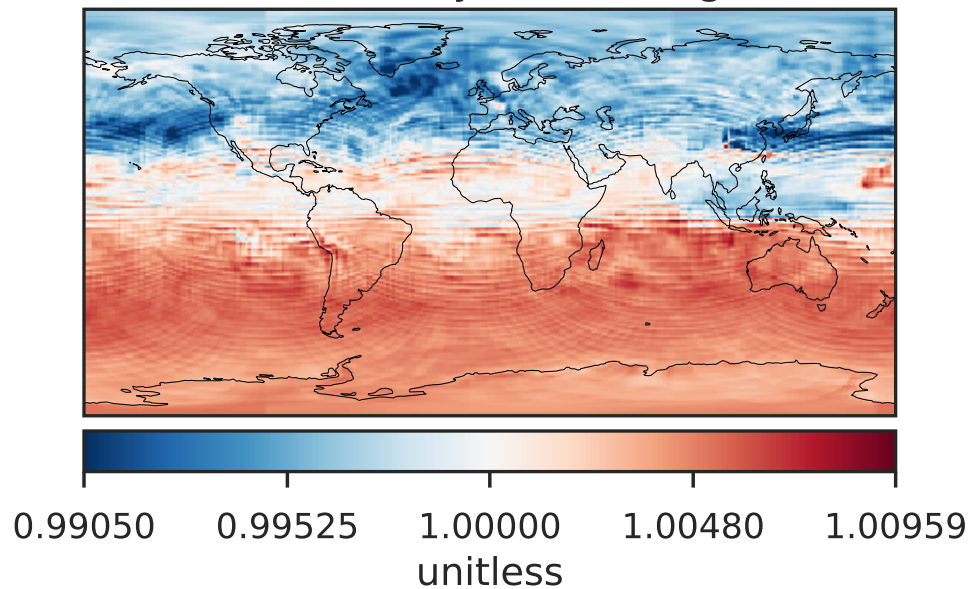
Difference (1x1.25)
Dev - Ref, Dynamic Range



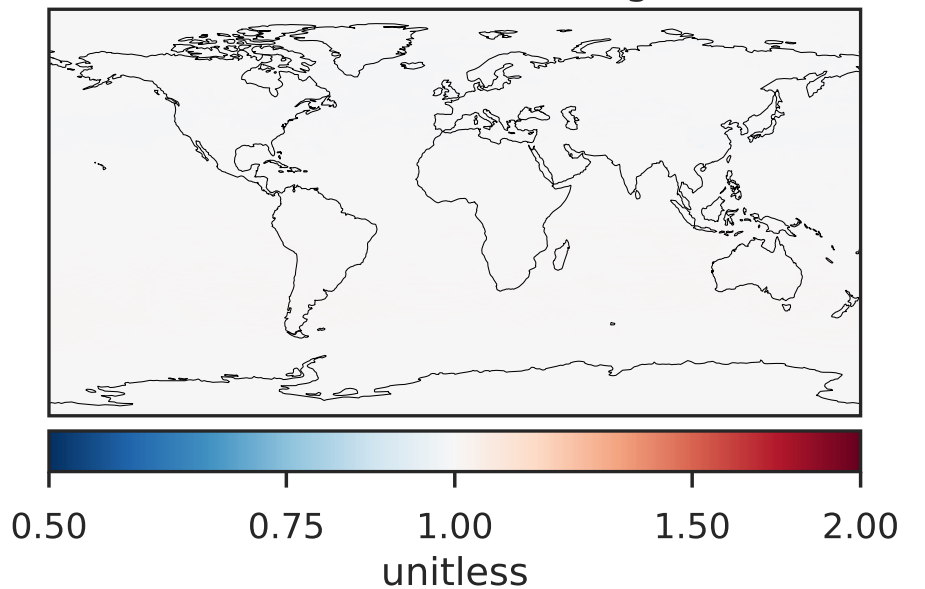
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

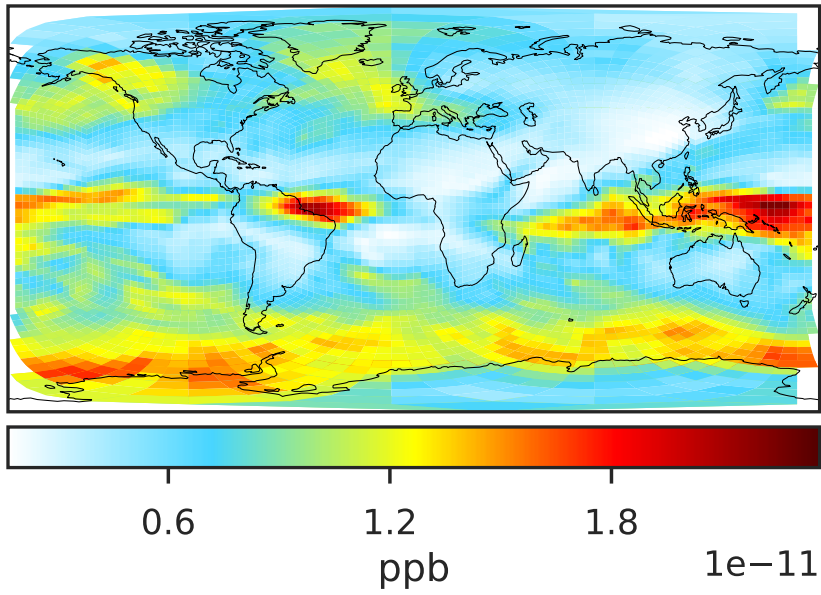


Ratio (1x1.25)
Dev/Ref, Fixed Range

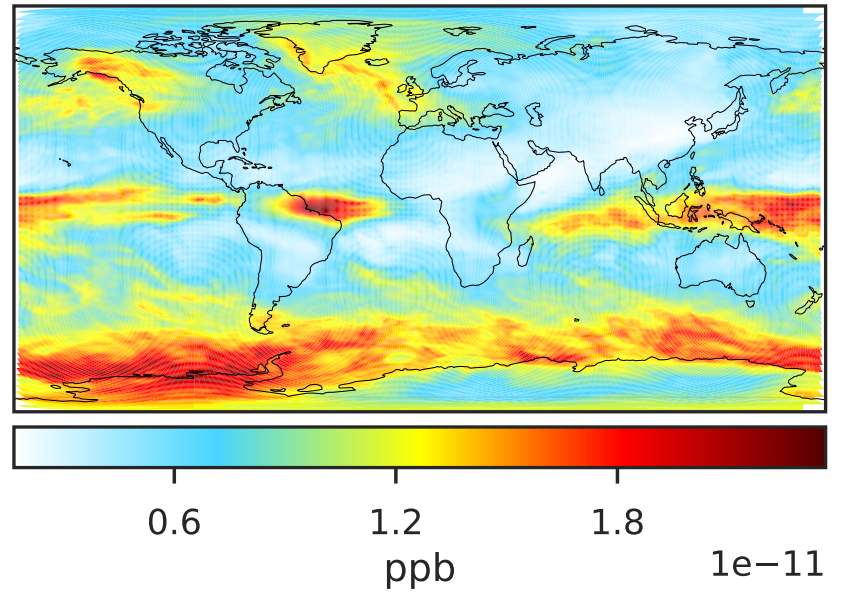


SpeciesConcVV_CH3I (Apr2019)

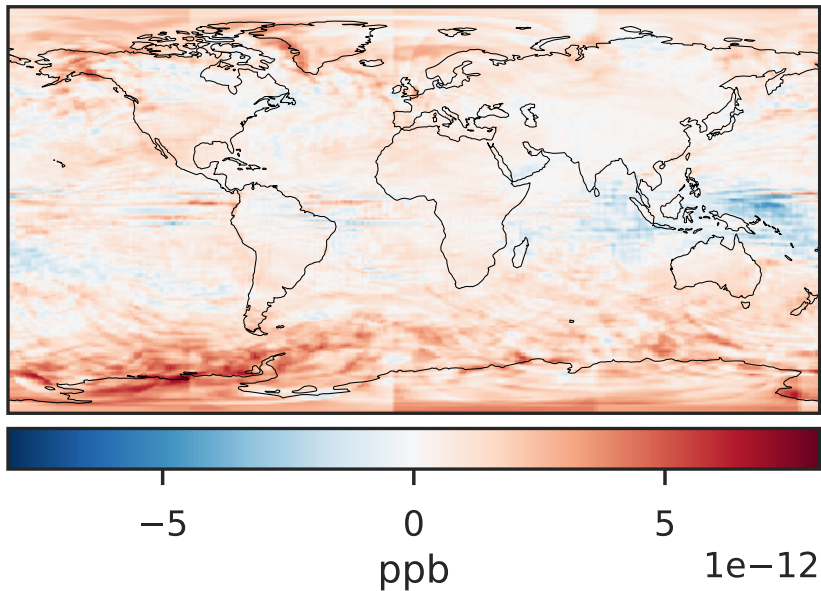
GCHP 14.2.2 using wind (c30) (Ref)
c30



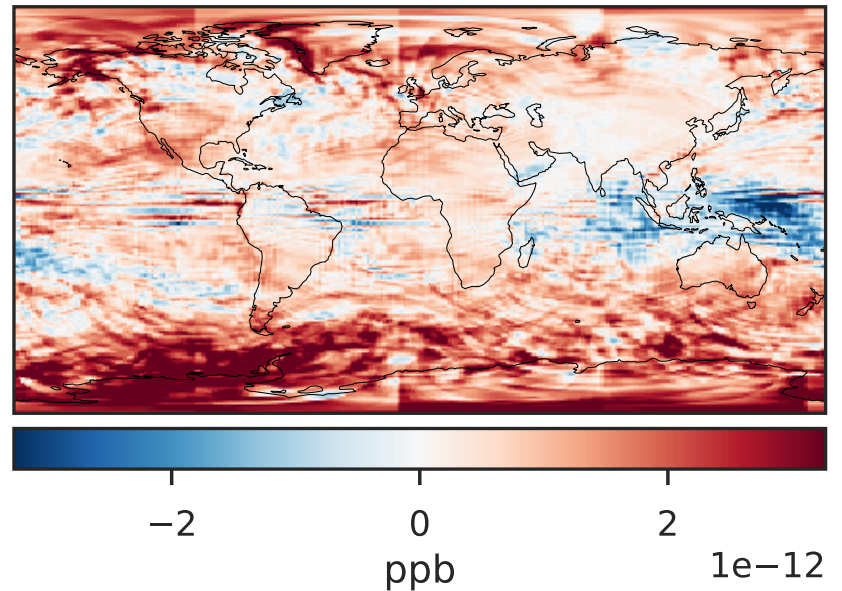
GCHP 14.2.2 using wind (c180) (Dev)
c180



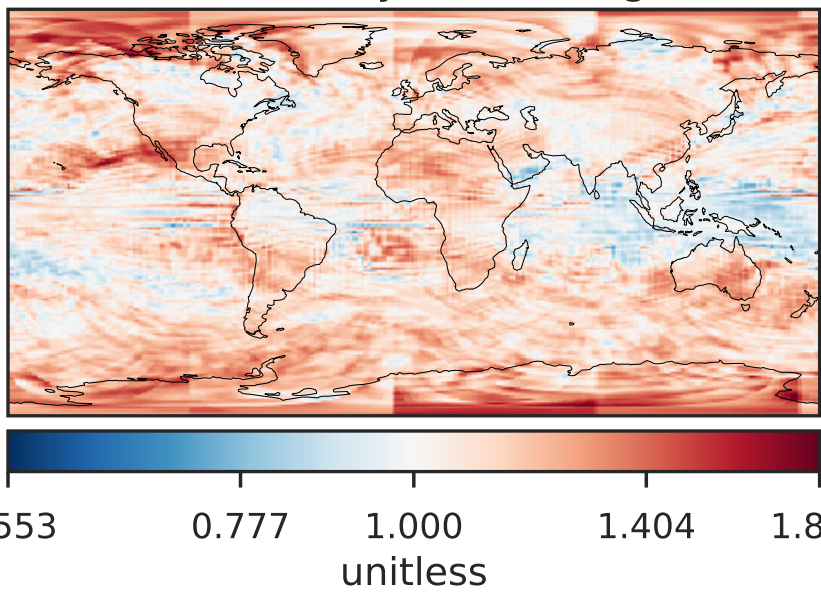
Difference (1x1.25)
Dev - Ref, Dynamic Range



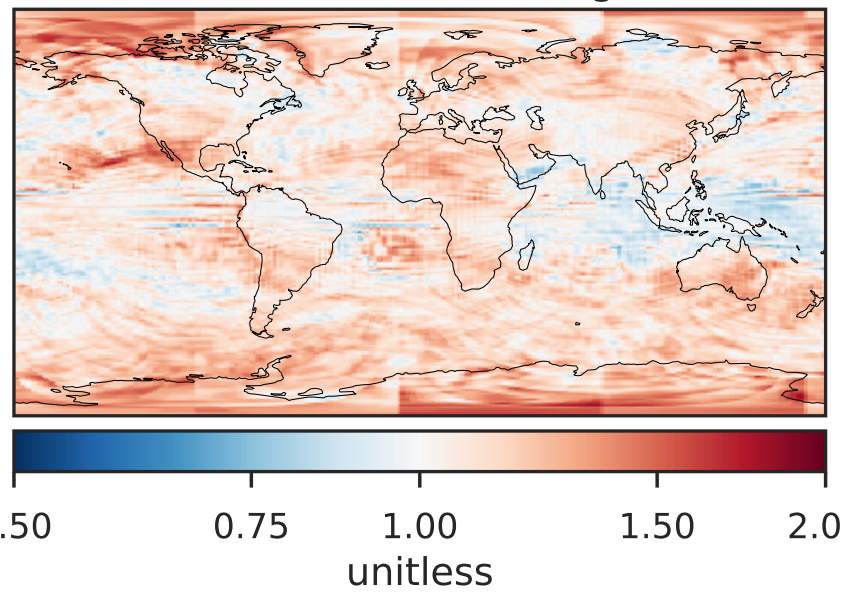
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

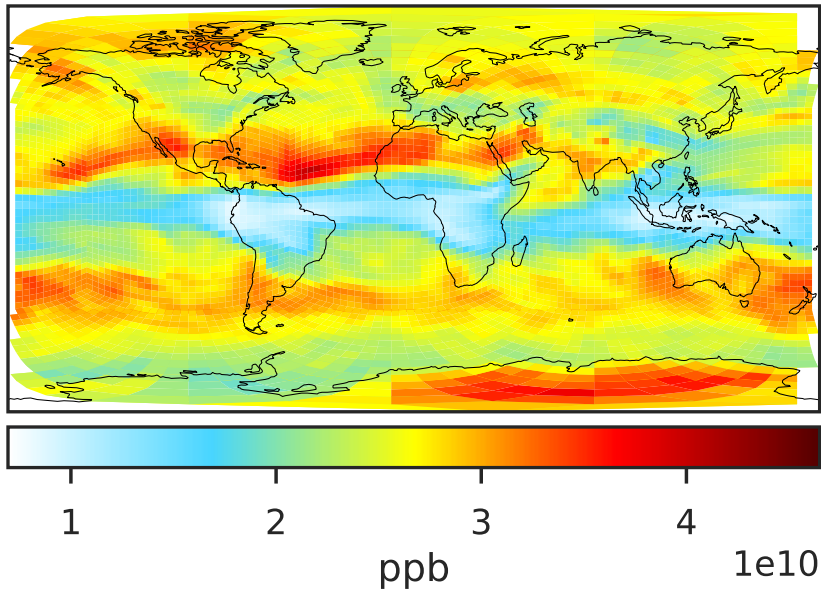


Ratio (1x1.25)
Dev/Ref, Fixed Range

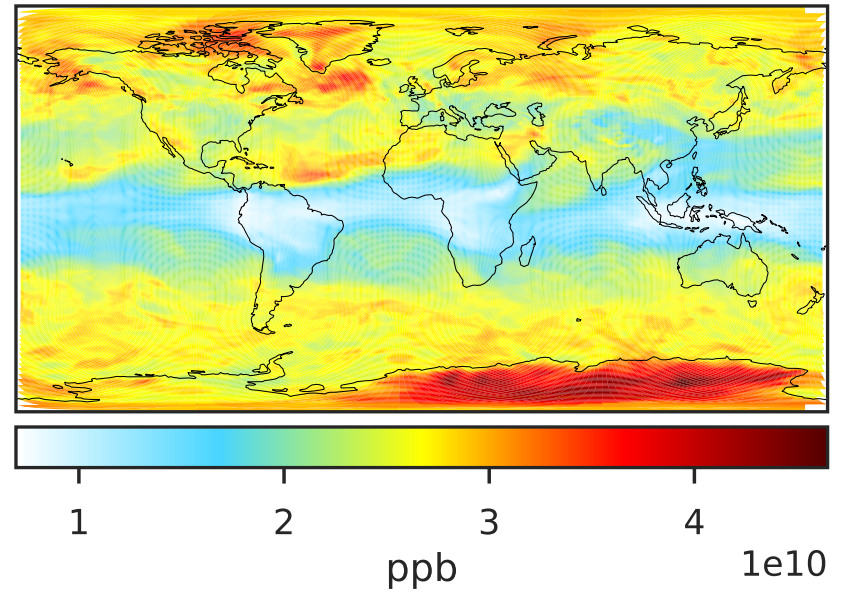


SpeciesConcVV_aoa (Apr2019)

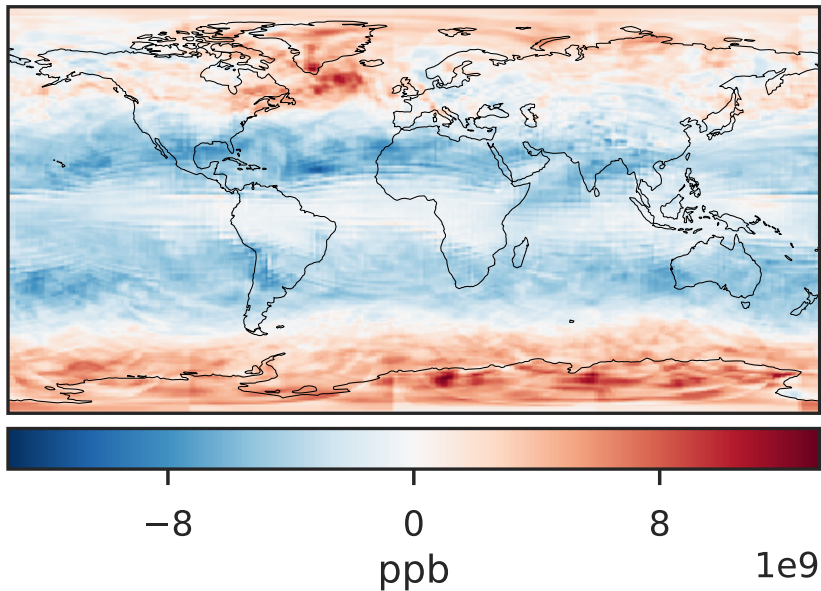
GCHP 14.2.2 using wind (c30) (Ref)
c30



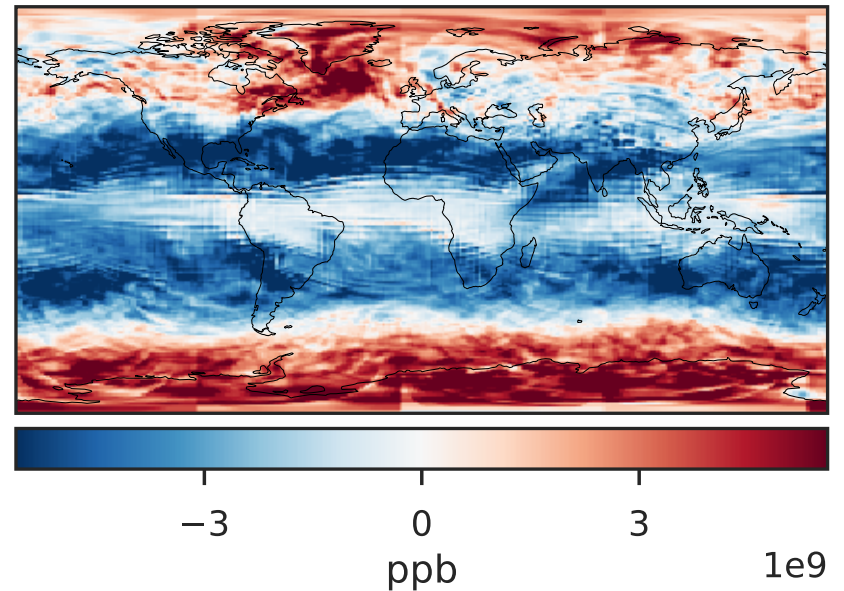
GCHP 14.2.2 using wind (c180) (Dev)
c180



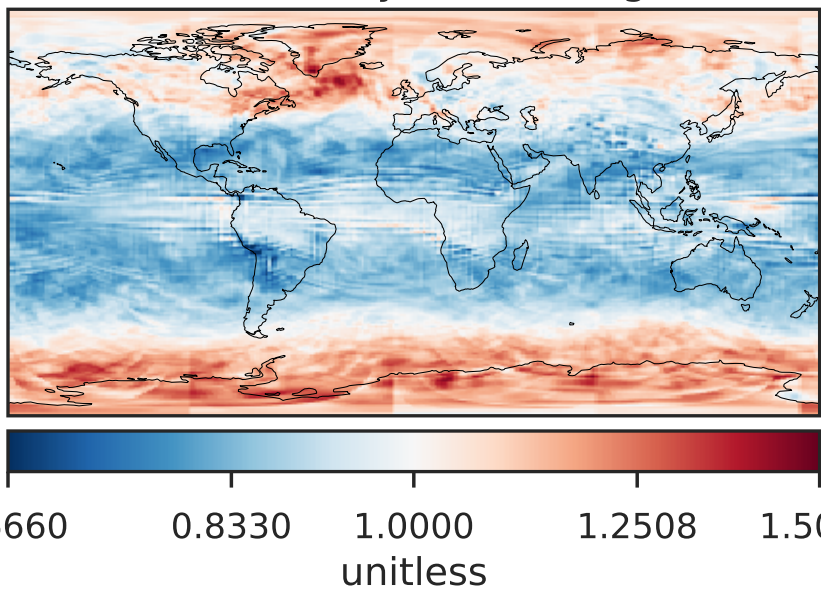
Difference (1x1.25)
Dev - Ref, Dynamic Range



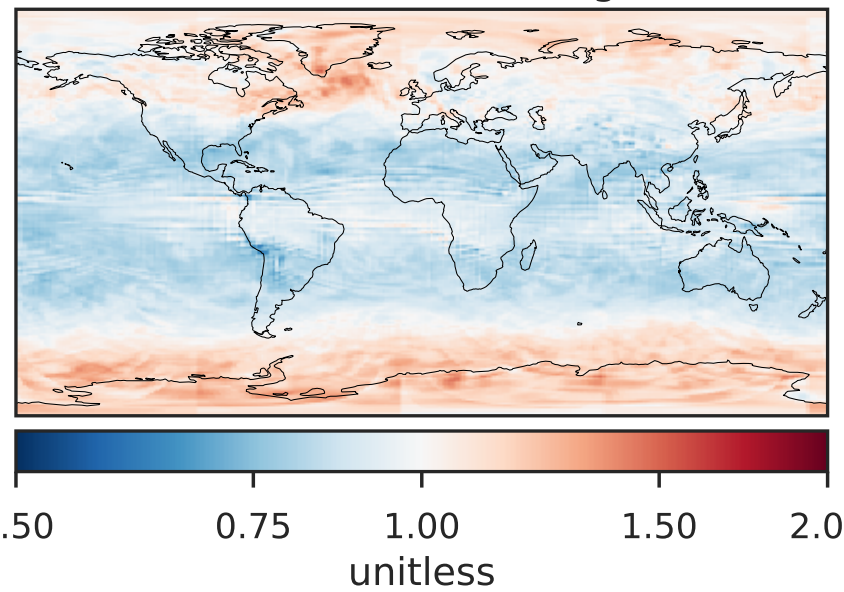
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

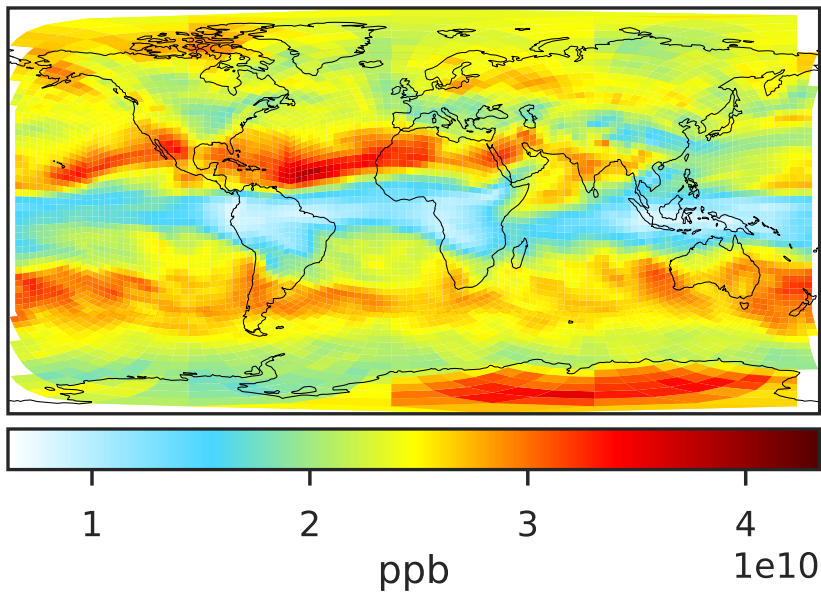


Ratio (1x1.25)
Dev/Ref, Fixed Range

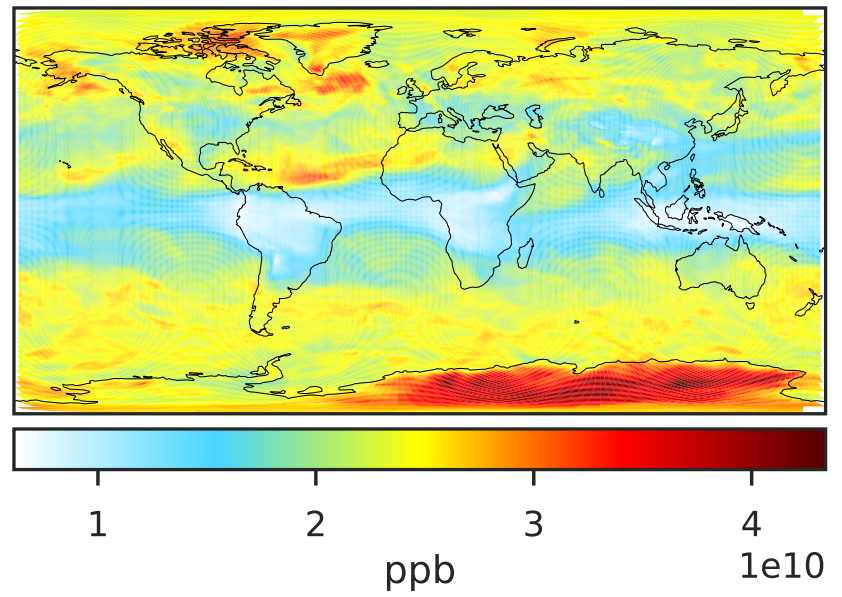


SpeciesConcVV_aoa_bl (Apr2019)

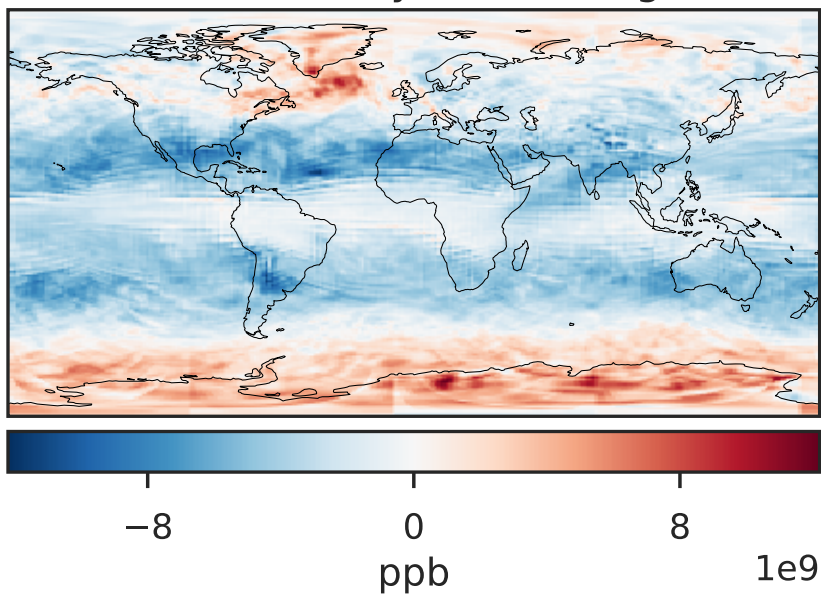
GCHP 14.2.2 using wind (c30) (Ref)
c30



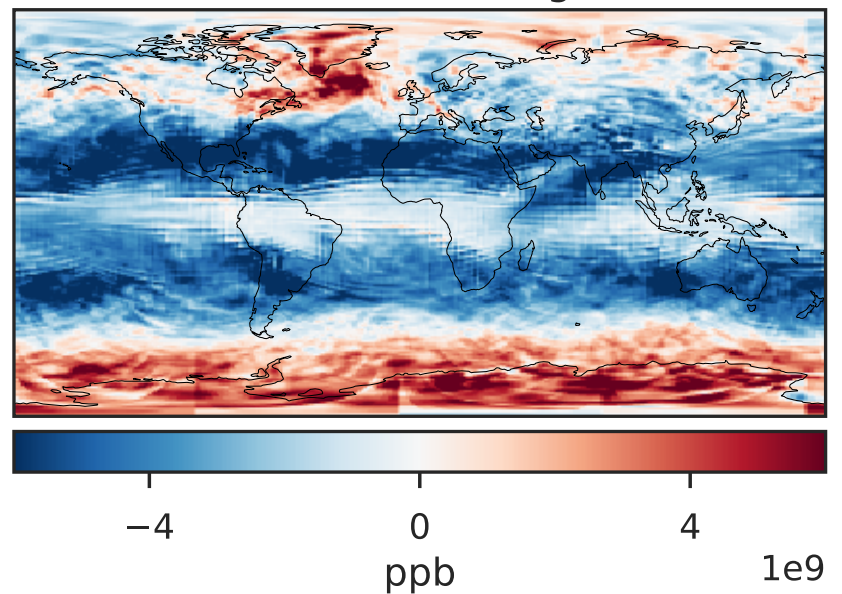
GCHP 14.2.2 using wind (c180) (Dev)
c180



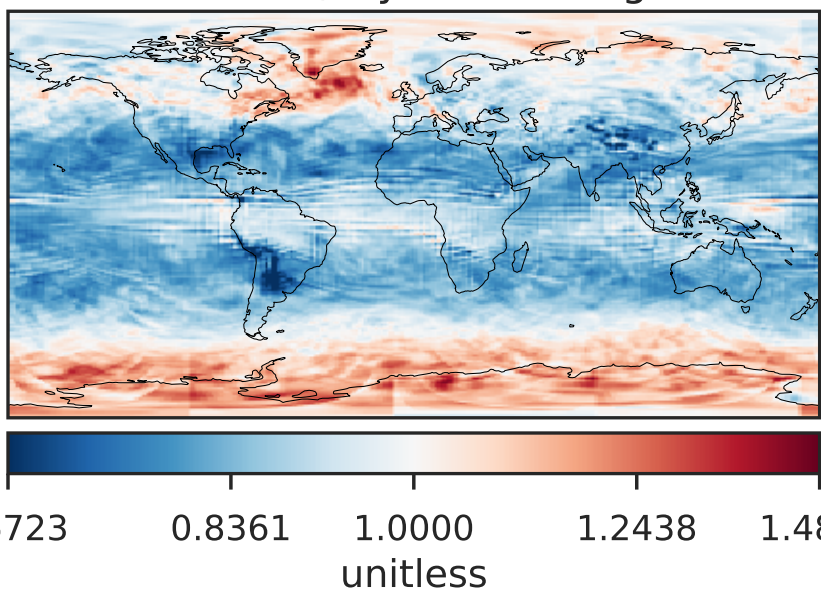
Difference (1x1.25)
Dev - Ref, Dynamic Range



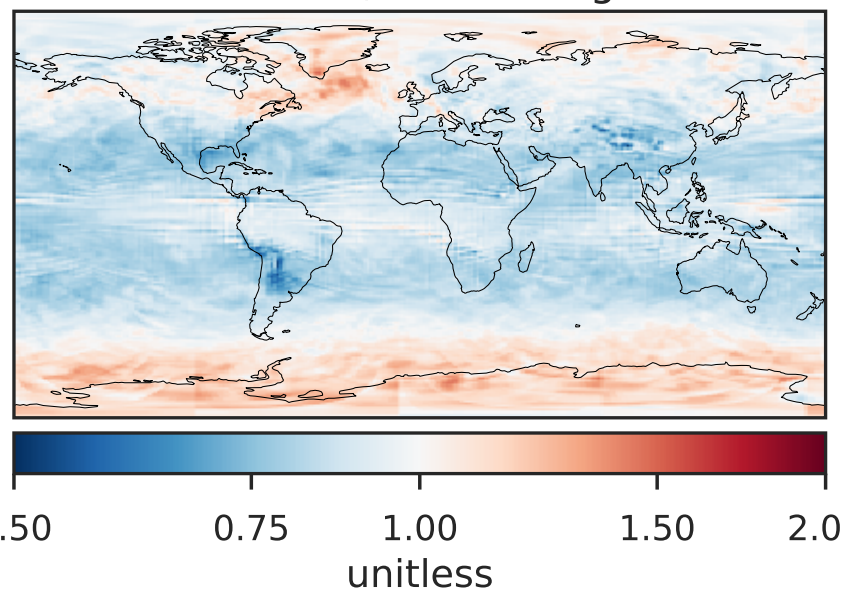
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

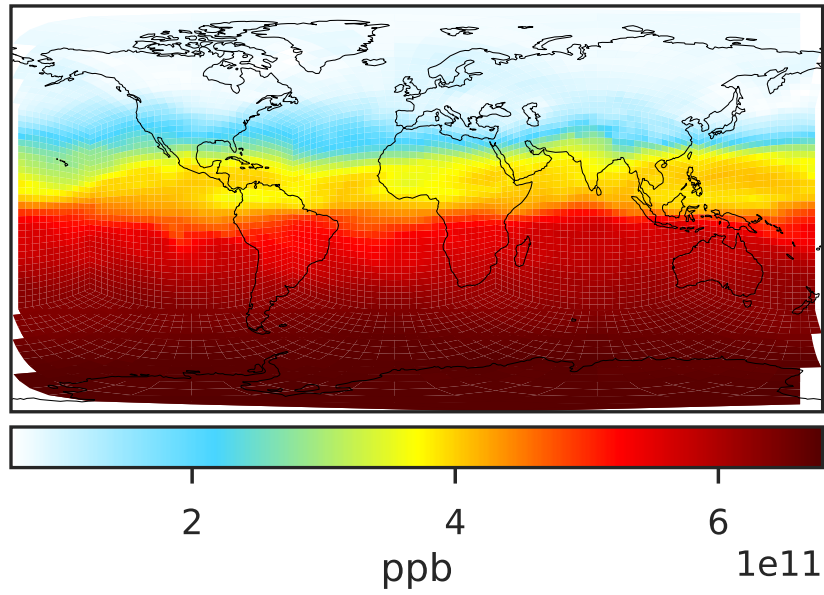


Ratio (1x1.25)
Dev/Ref, Fixed Range

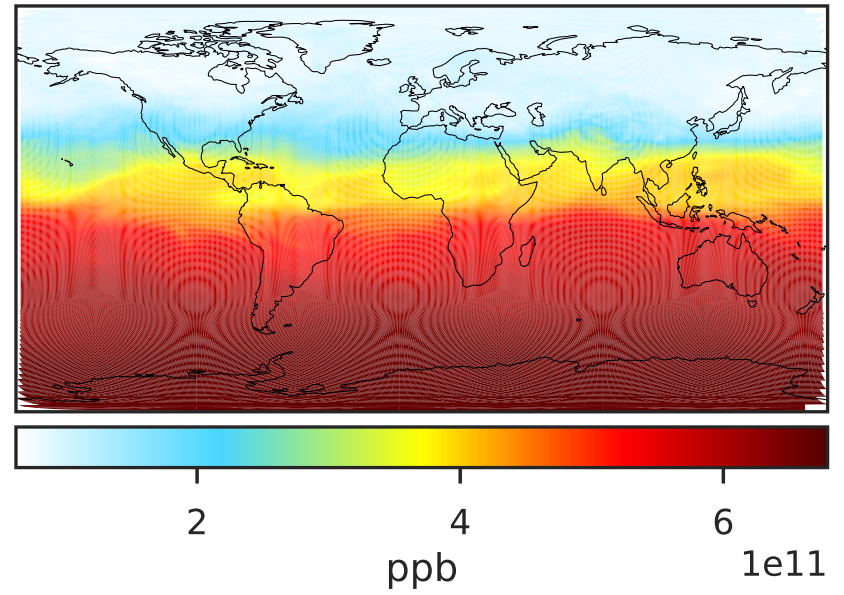


SpeciesConcVV_aoa_nh (Apr2019)

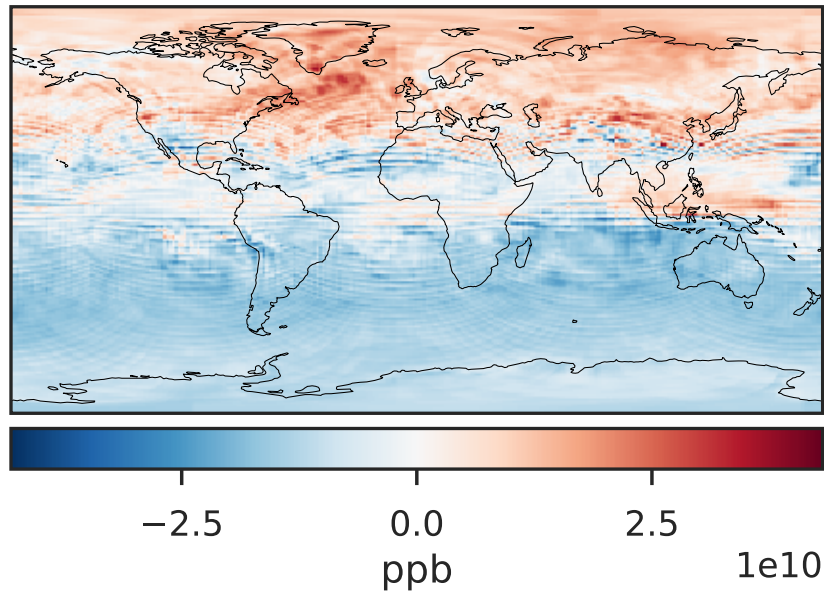
GCHP 14.2.2 using wind (c30) (Ref)
c30



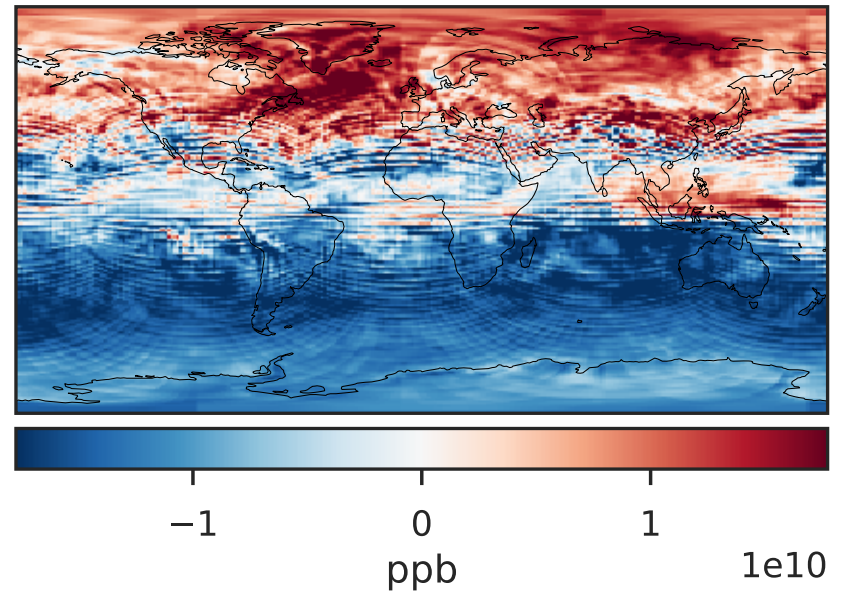
GCHP 14.2.2 using wind (c180) (Dev)
c180



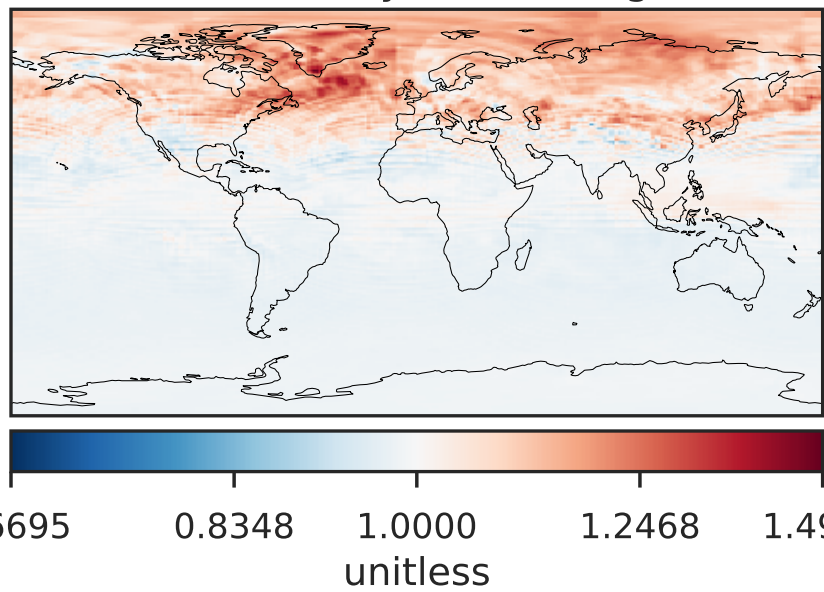
Difference (1x1.25)
Dev - Ref, Dynamic Range



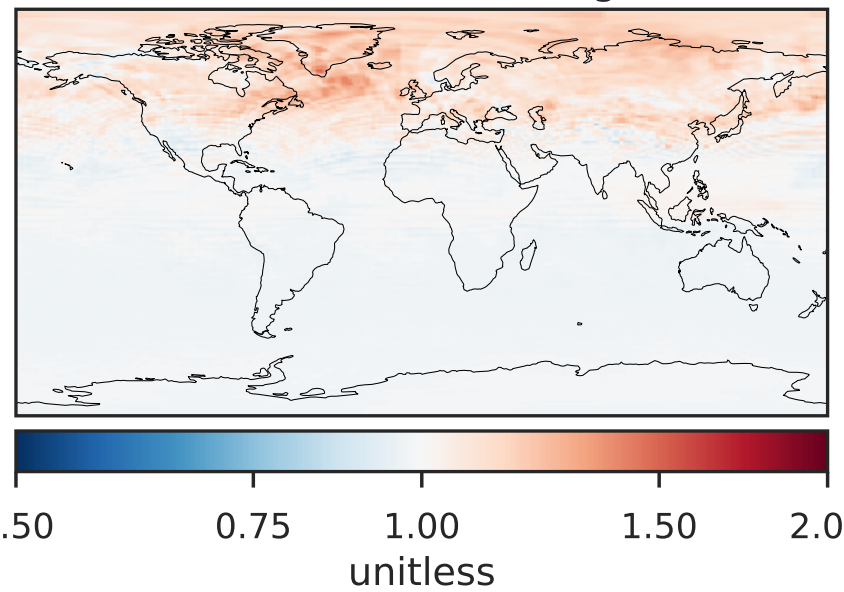
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

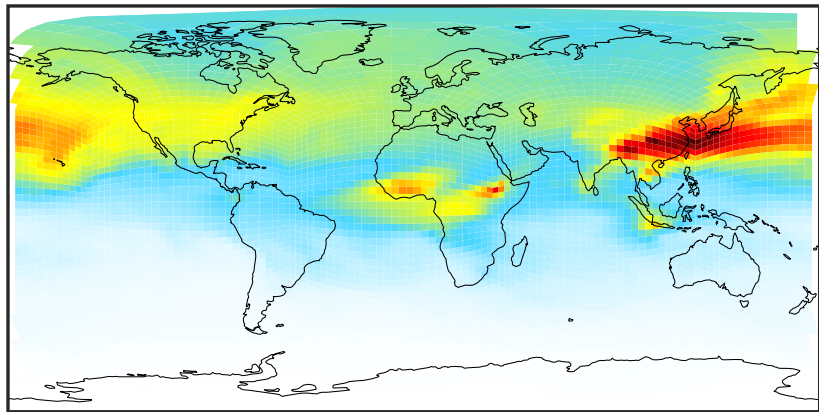


Ratio (1x1.25)
Dev/Ref, Fixed Range



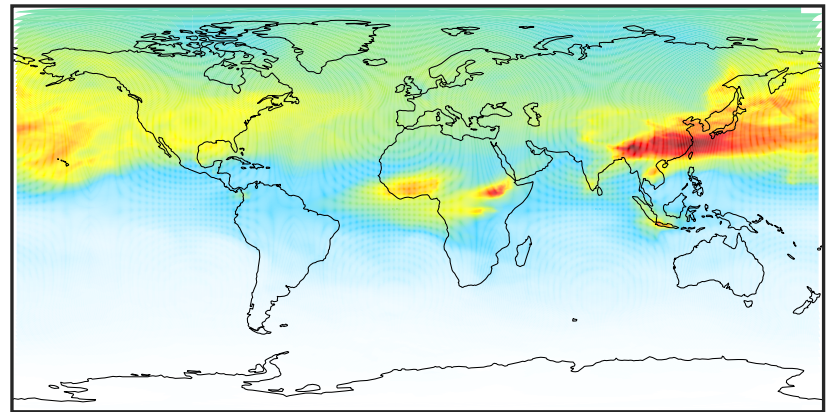
SpeciesConcVV_CO_25 (Apr2019)

GCHP 14.2.2 using wind (c30) (Ref)
c30



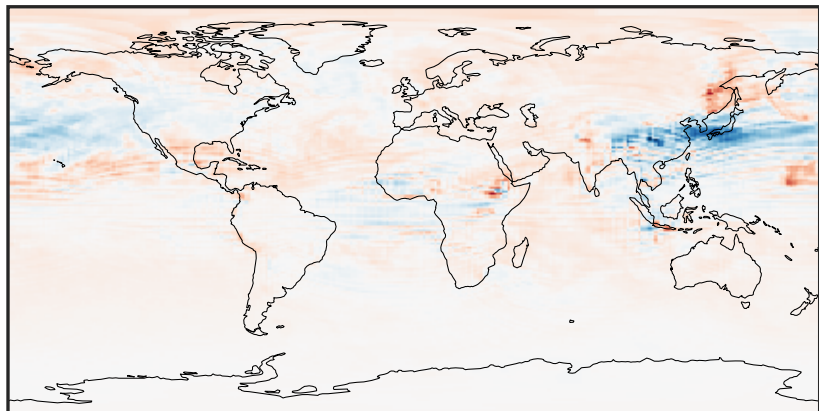
0.61 9.27 17.93 26.59 35.25
ppb

GCHP 14.2.2 using wind (c180) (Dev)
c180



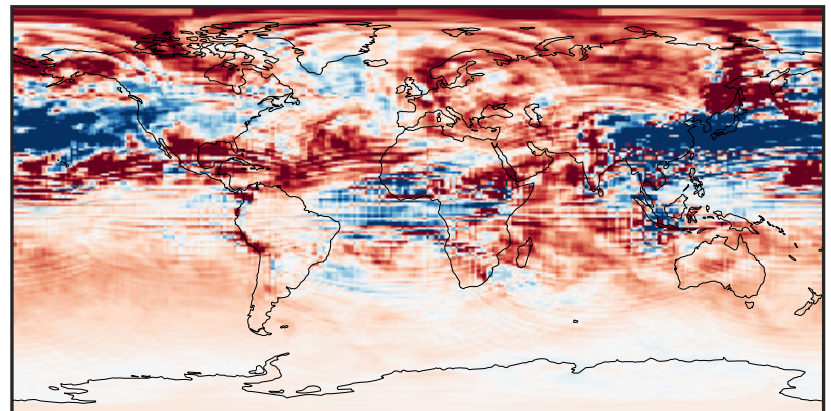
0.61 9.27 17.93 26.59 35.25
ppb

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



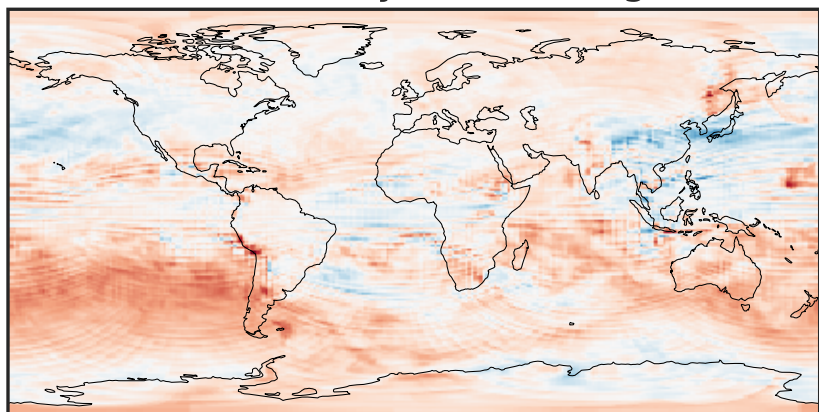
-7.05 -3.52 0.00 3.52 7.05
ppb

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



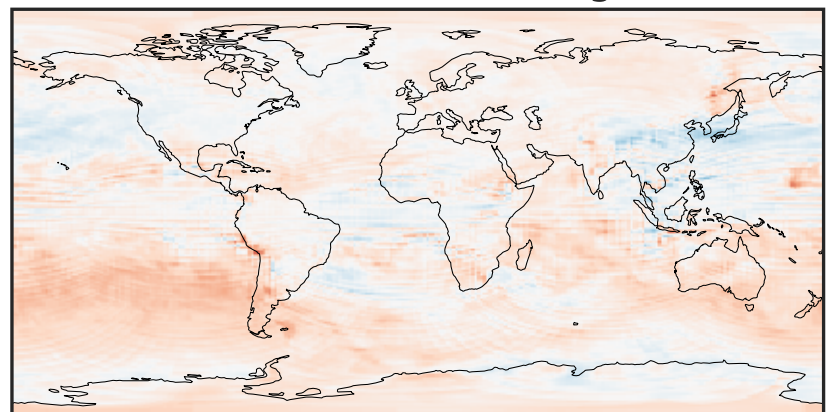
-1.008 -0.504 0.000 0.504 1.008
ppb

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



0.6495 0.8247 1.0000 1.2698 1.5397
unitless

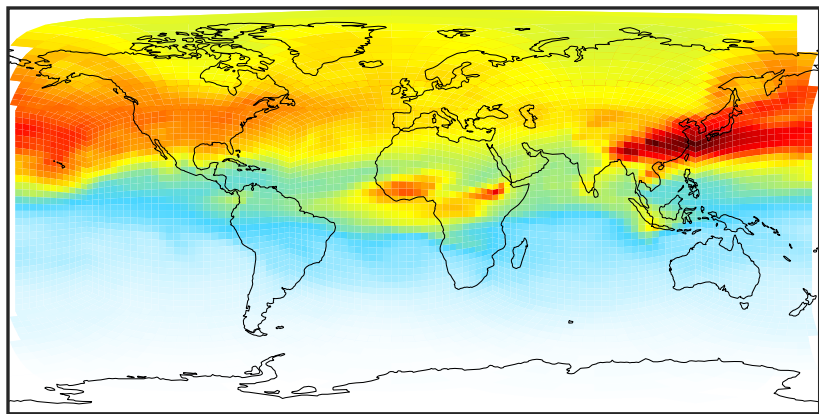
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

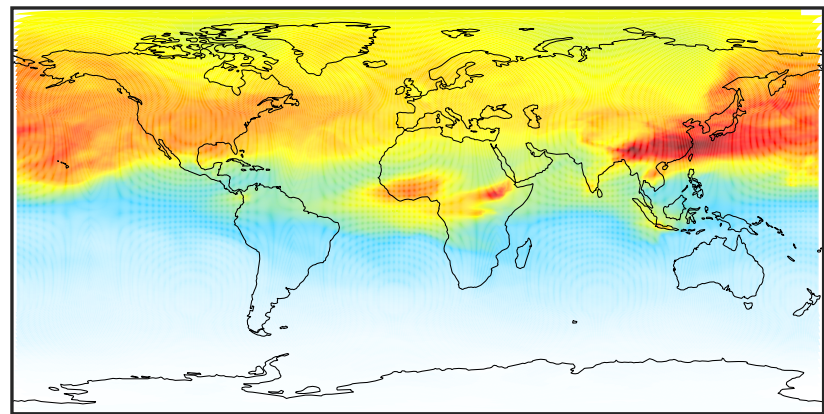
SpeciesConcVV_CO_50 (Apr2019)

GCHP 14.2.2 using wind (c30) (Ref)
c30



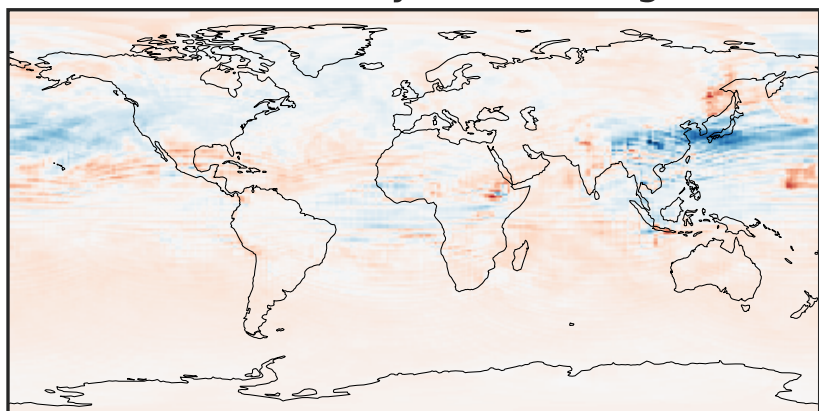
2.86 14.71 26.55 38.39 50.24
ppb

GCHP 14.2.2 using wind (c180) (Dev)
c180



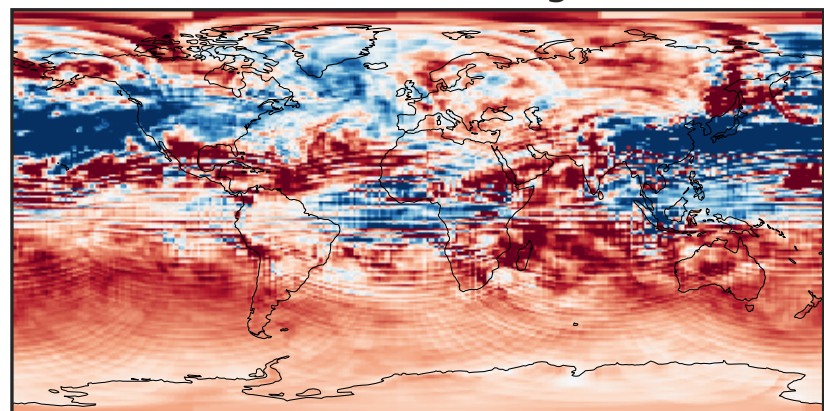
2.86 14.71 26.55 38.39 50.24
ppb

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



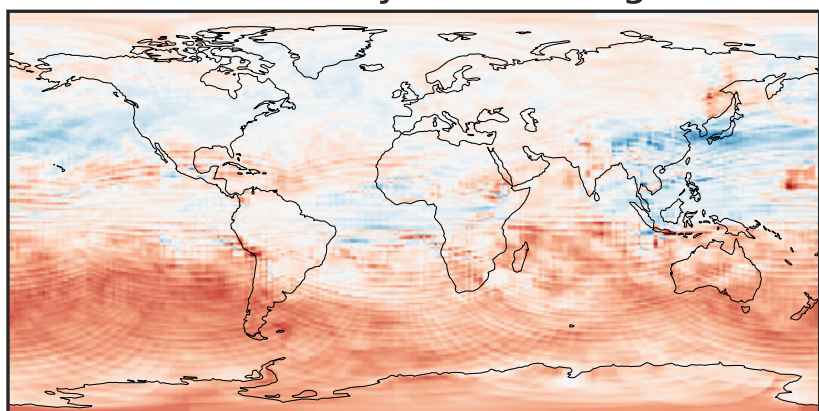
-7.91 -3.95 0.00 3.95 7.91
ppb

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



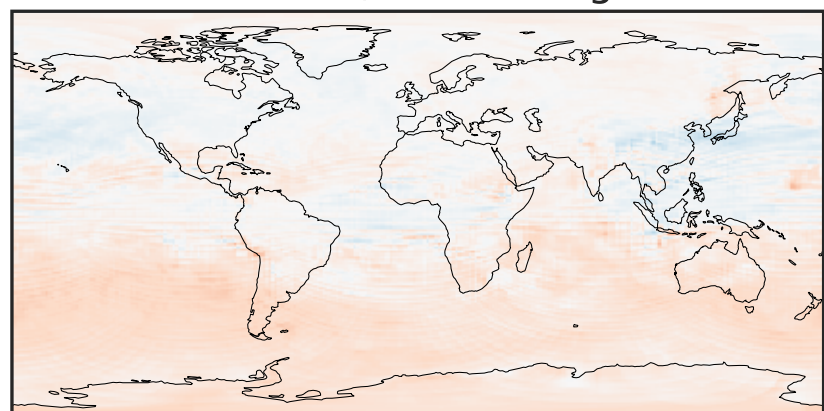
-1.115 -0.558 0.000 0.558 1.115
ppb

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



0.7677 0.8839 1.0000 1.1513 1.3025
unitless

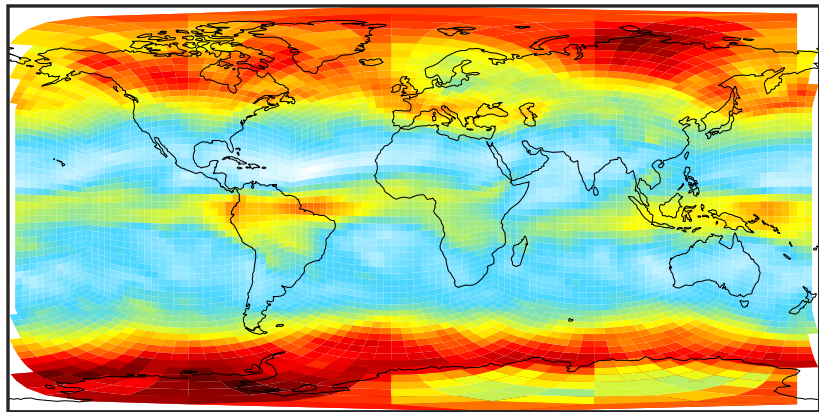
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

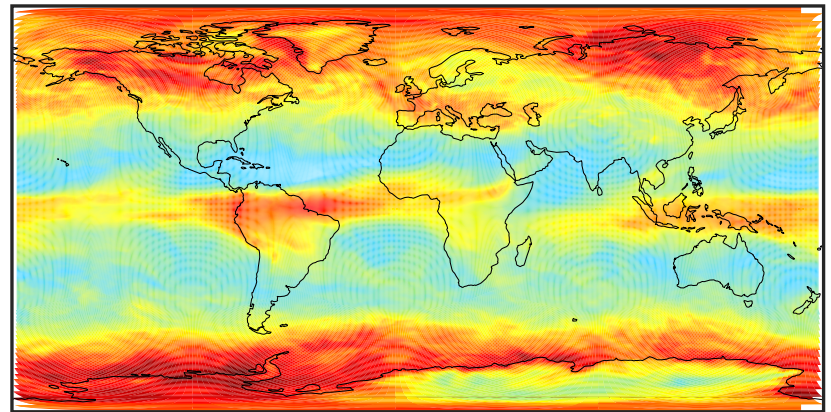
SpeciesConcVV_e90 (Apr2019)

GCHP 14.2.2 using wind (c30) (Ref)
c30



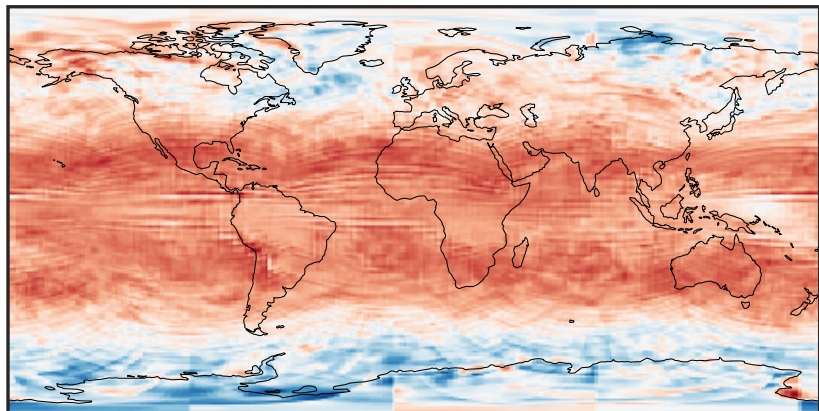
60.68 66.81 72.93 79.05 85.18
ppb

GCHP 14.2.2 using wind (c180) (Dev)
c180



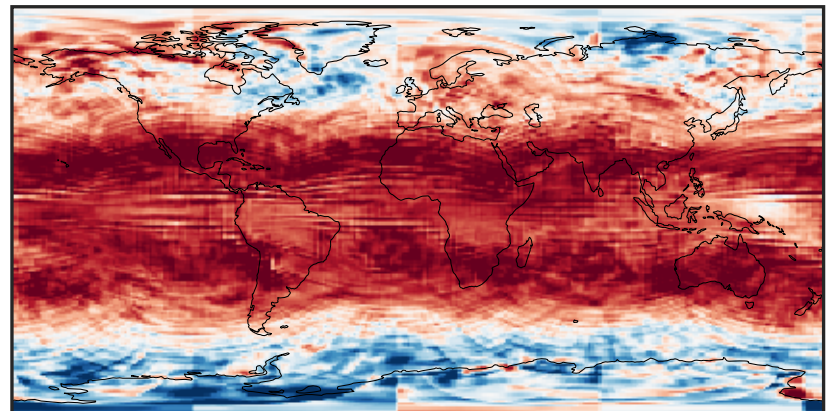
60.68 66.81 72.93 79.05 85.18
ppb

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



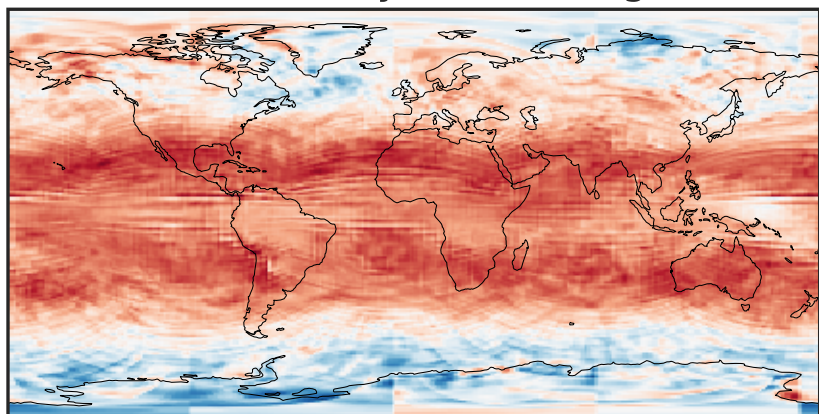
-6.4 -3.2 0.0 3.2 6.4
ppb

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



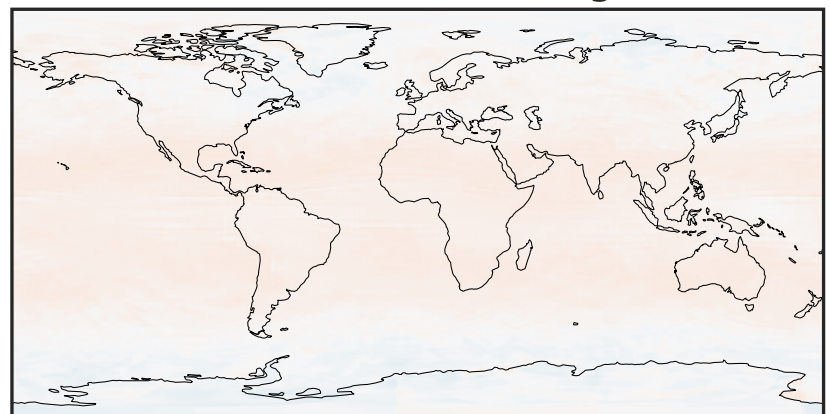
-3.72 -1.86 0.00 1.86 3.72
ppb

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



0.9203 0.9602 1.0000 1.0433 1.0866
unitless

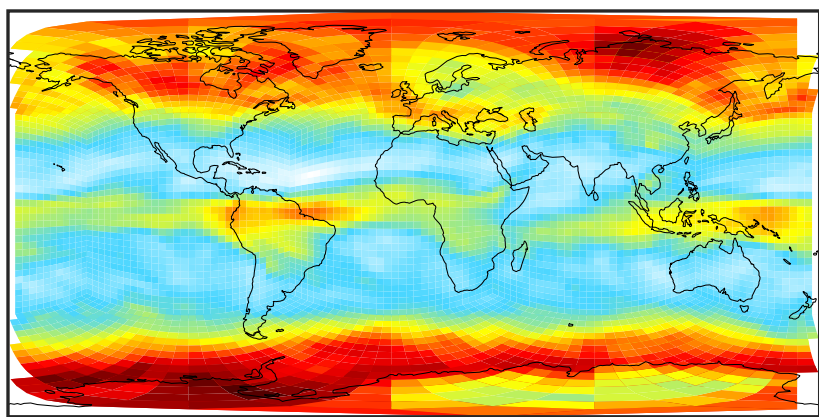
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

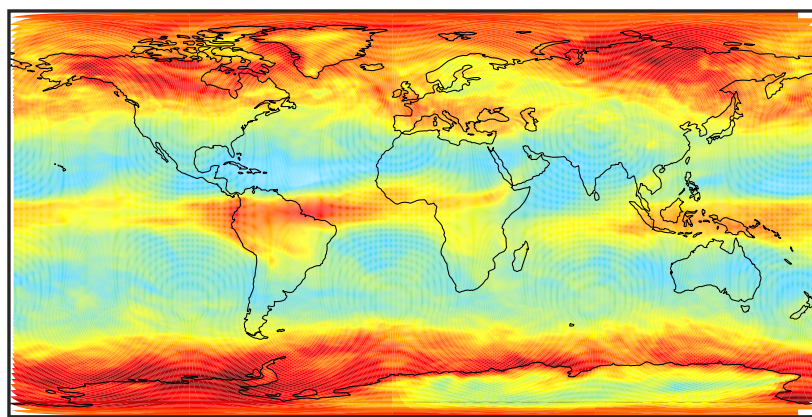
SpeciesConcVV_e90_n (Apr2019)

GCHP 14.2.2 using wind (c30) (Ref)
c30



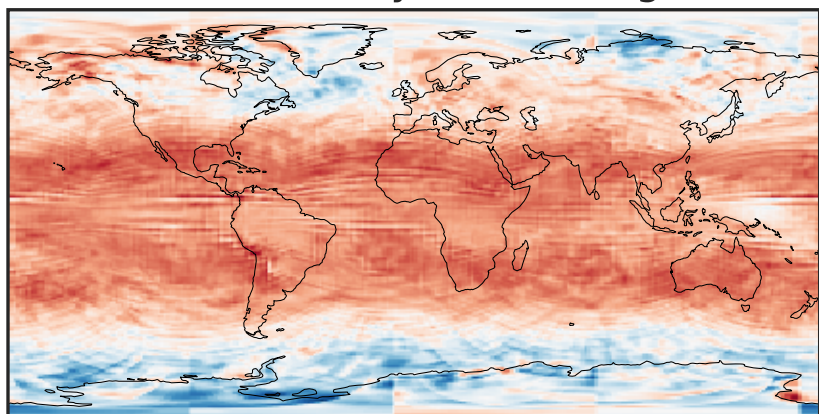
60.68 66.81 72.93 79.05 85.18
ppb

GCHP 14.2.2 using wind (c180) (Dev)
c180



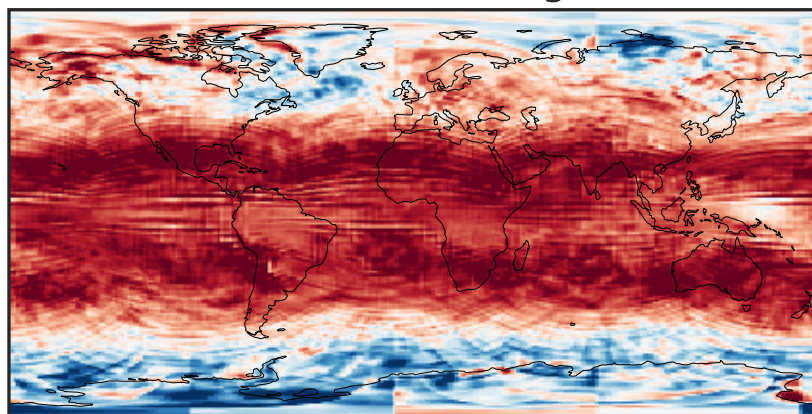
60.68 66.81 72.93 79.05 85.18
ppb

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



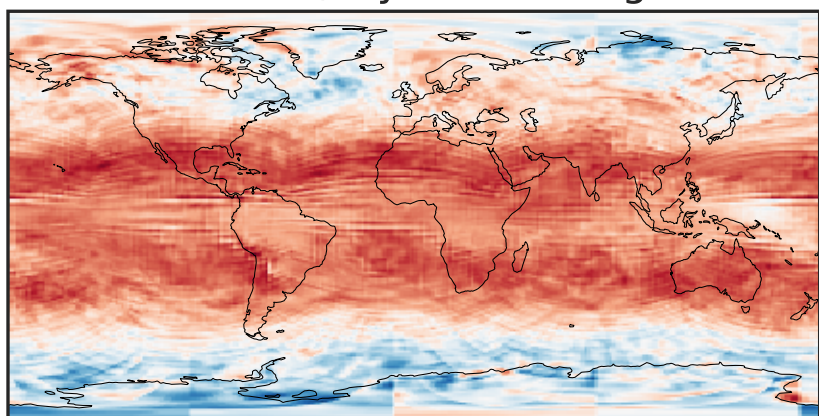
-6.4 -3.2 0.0 3.2 6.4
ppb

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



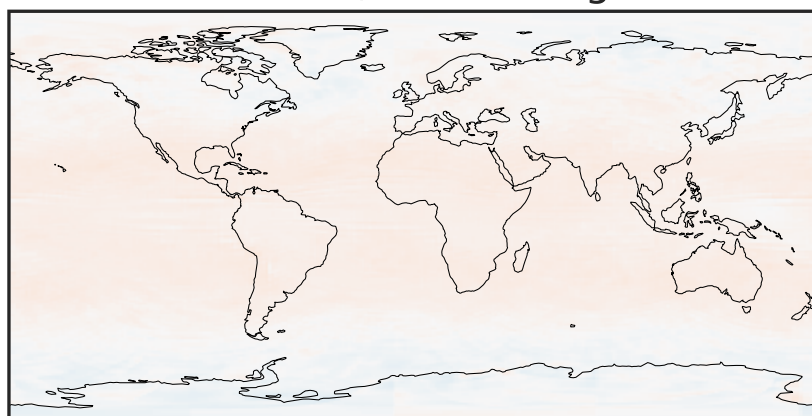
-3.72 -1.86 0.00 1.86 3.72
ppb

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



0.9203 0.9602 1.0000 1.0433 1.0866
unitless

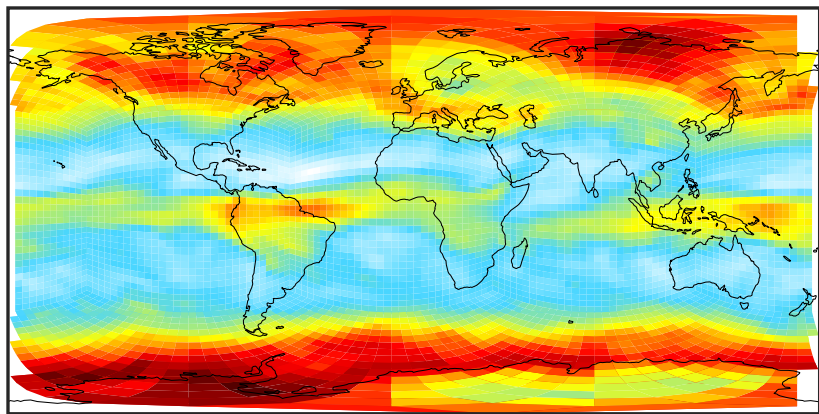
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

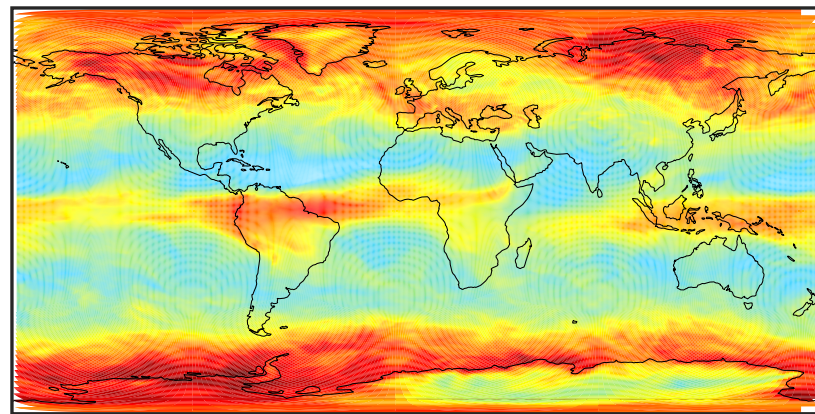
SpeciesConcVV_e90_s (Apr2019)

GCHP 14.2.2 using wind (c30) (Ref)
c30



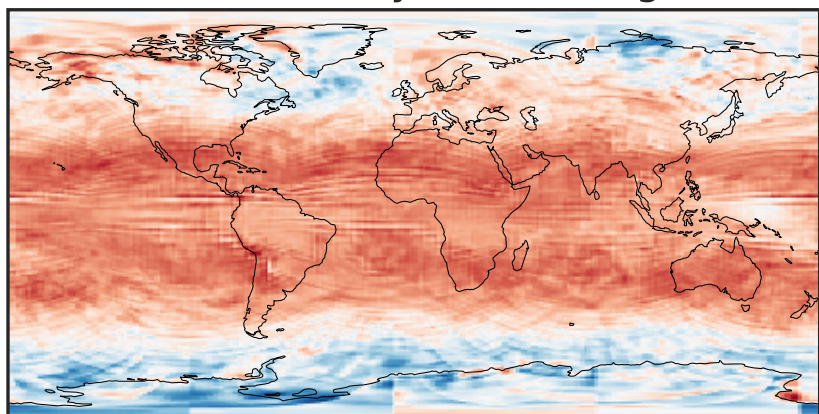
60.68 66.81 72.93 79.05 85.18
ppb

GCHP 14.2.2 using wind (c180) (Dev)
c180



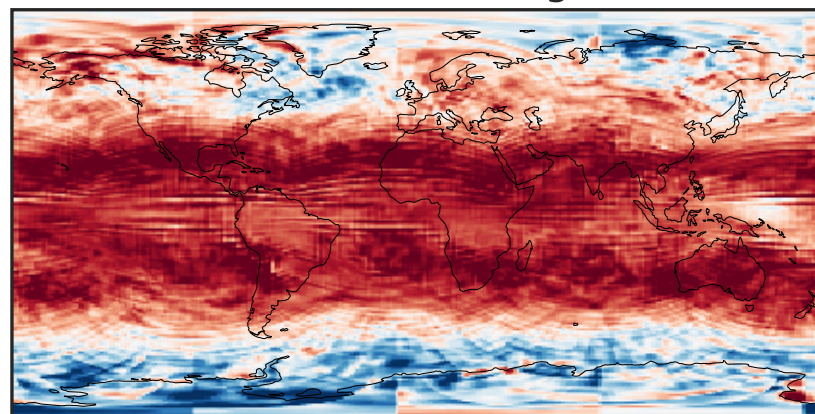
60.68 66.81 72.93 79.05 85.18
ppb

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



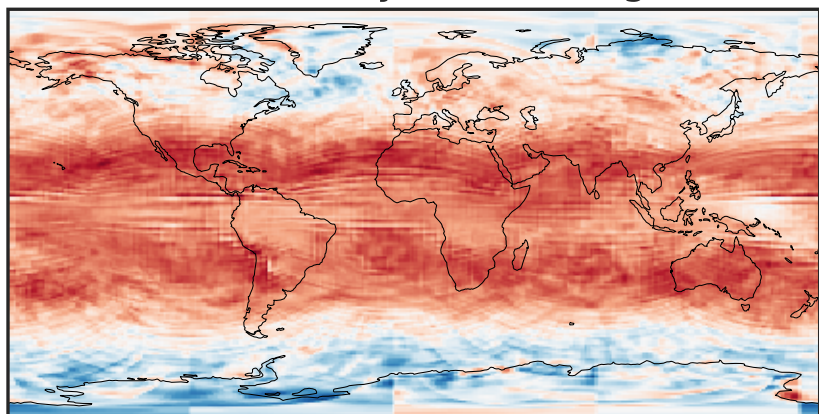
-6.4 -3.2 0.0 3.2 6.4
ppb

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



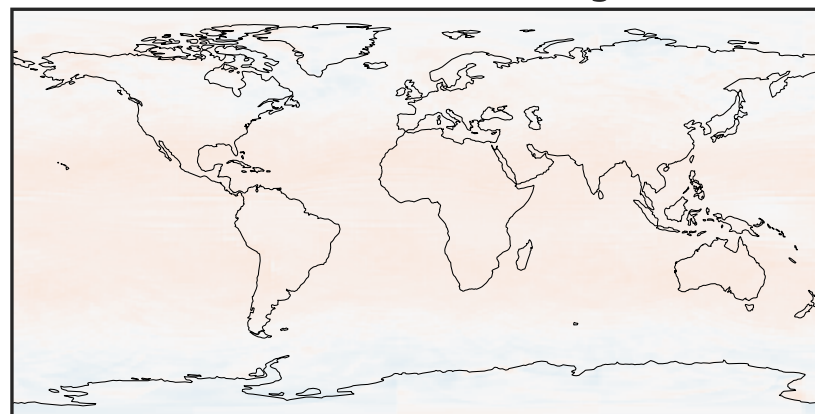
-3.72 -1.86 0.00 1.86 3.72
ppb

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



0.9203 0.9602 1.0000 1.0433 1.0866
unitless

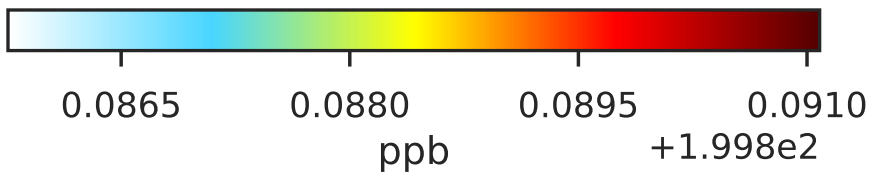
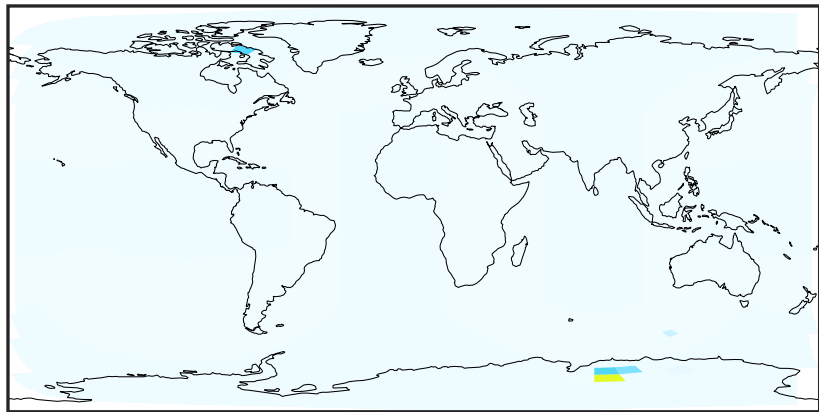
Ratio (1x1.25)
Dev/Ref, Fixed Range



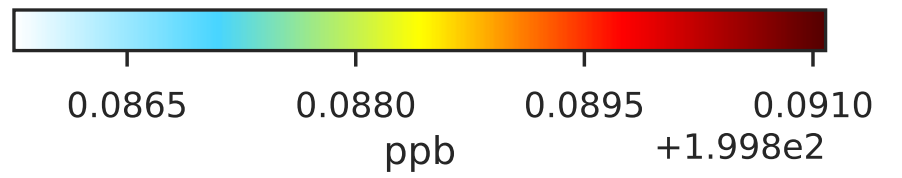
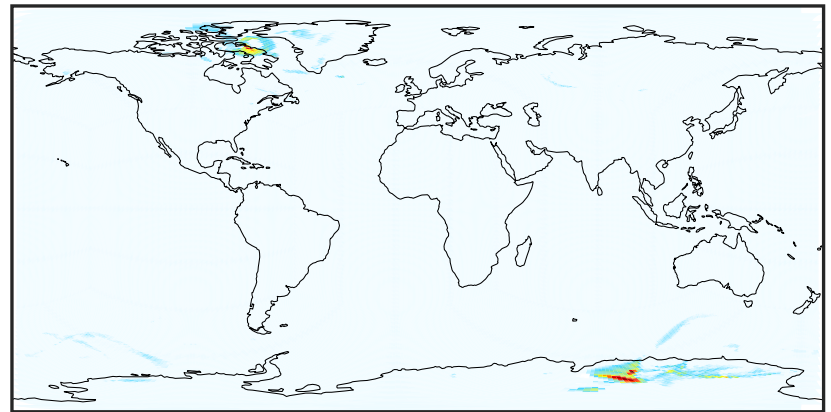
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_st80_25 (Apr2019)

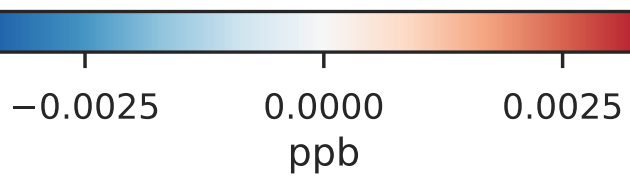
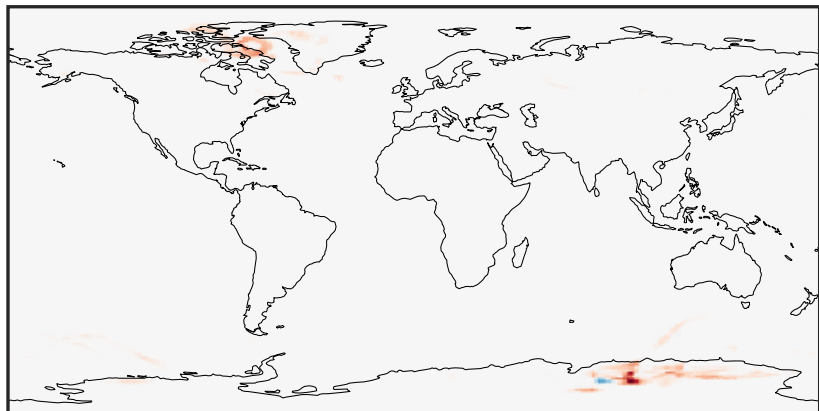
GCHP 14.2.2 using wind (c30) (Ref)
c30



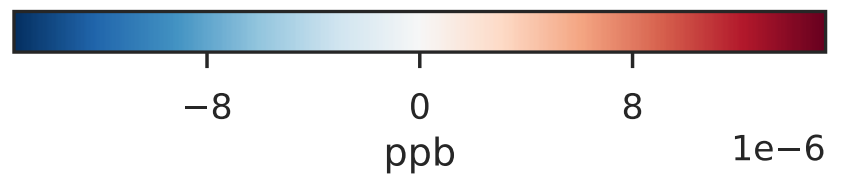
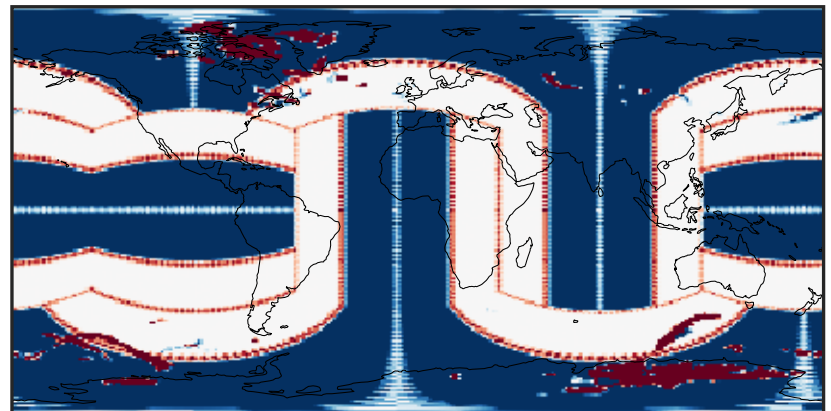
GCHP 14.2.2 using wind (c180) (Dev)
c180



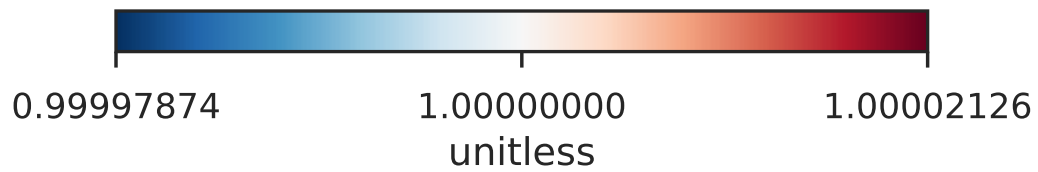
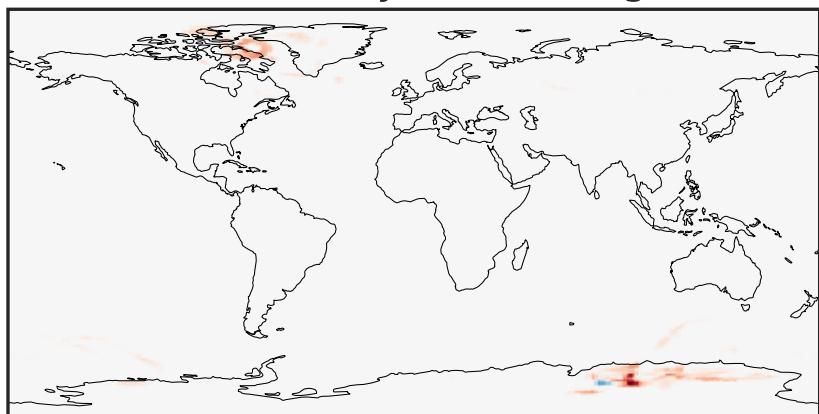
Difference (1x1.25)
Dev - Ref, Dynamic Range



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



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



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

