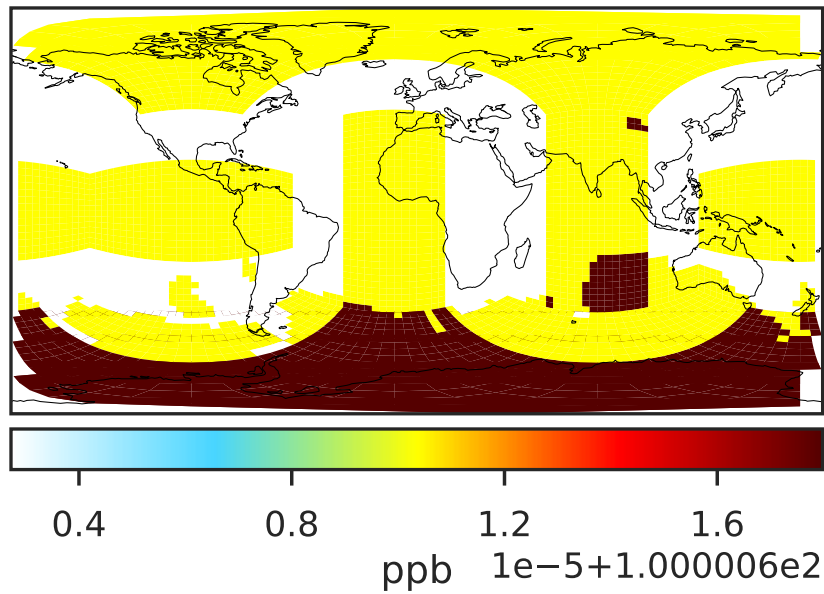
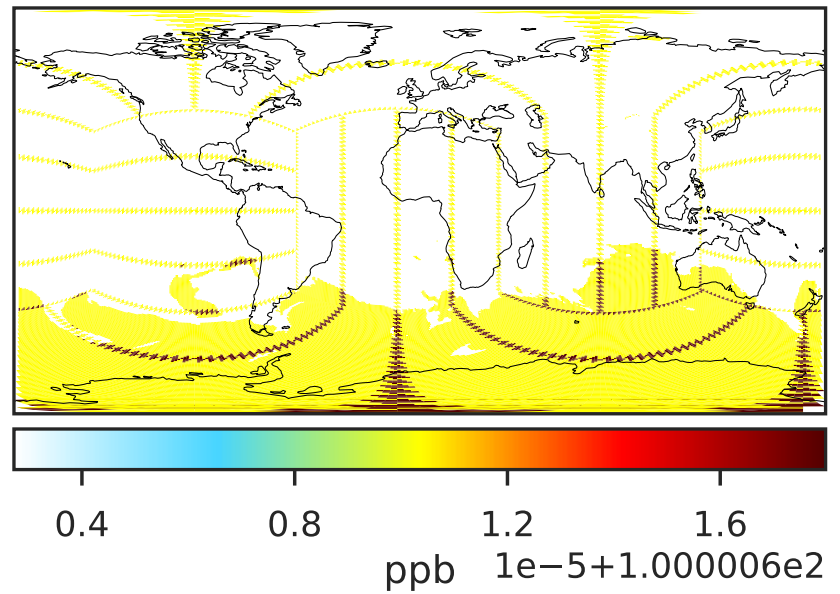


SpeciesConcVV_PassiveTracer (Jan2019)

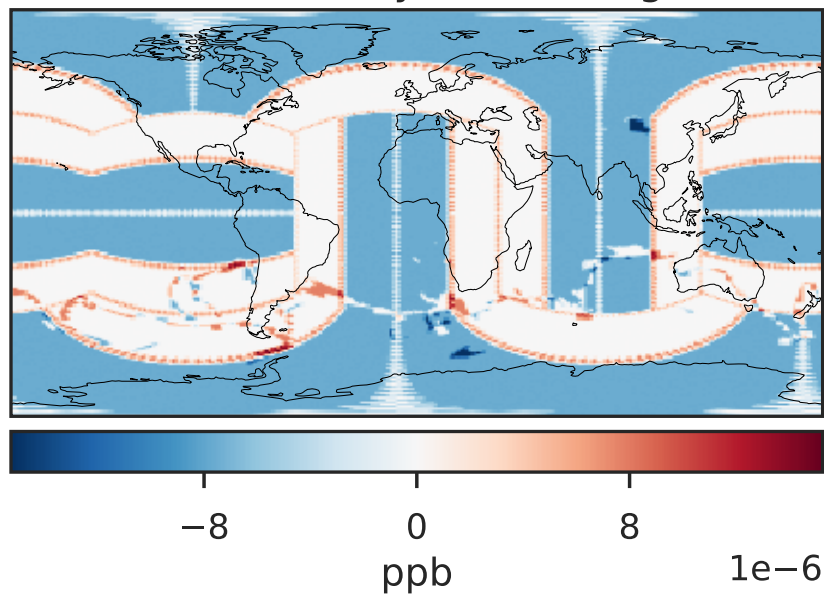
GCHP 14.2.2 using wind (c30) (Ref)
c30



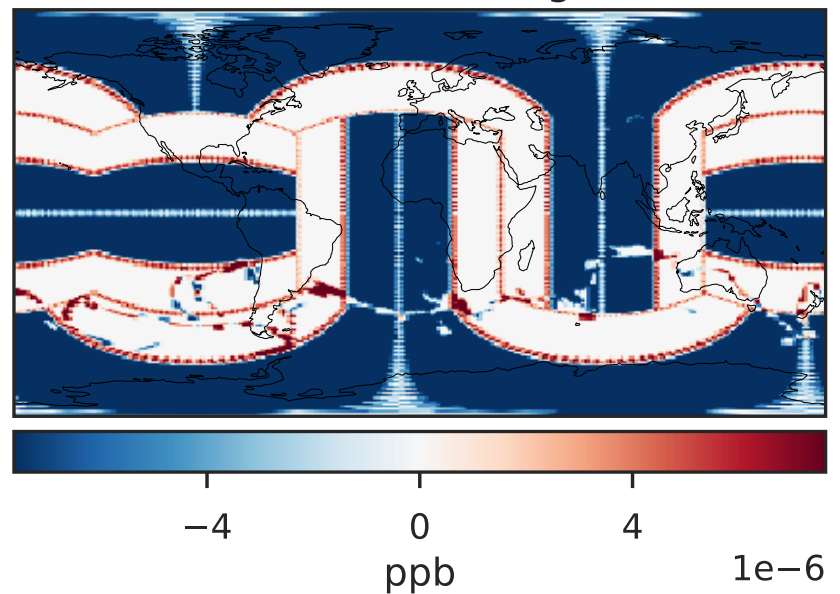
GCHP 14.2.2 using wind (c180) (Dev)
c180



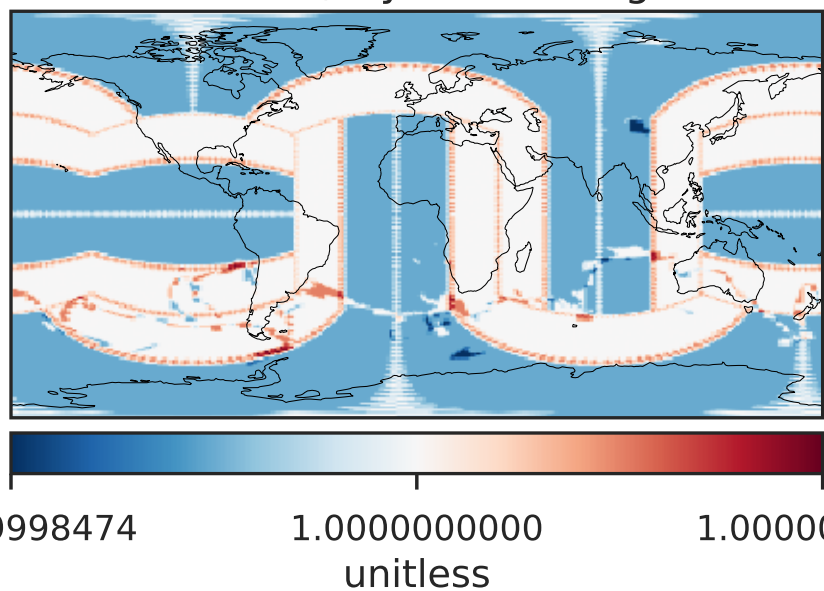
Difference (1x1.25)
Dev - Ref, Dynamic Range



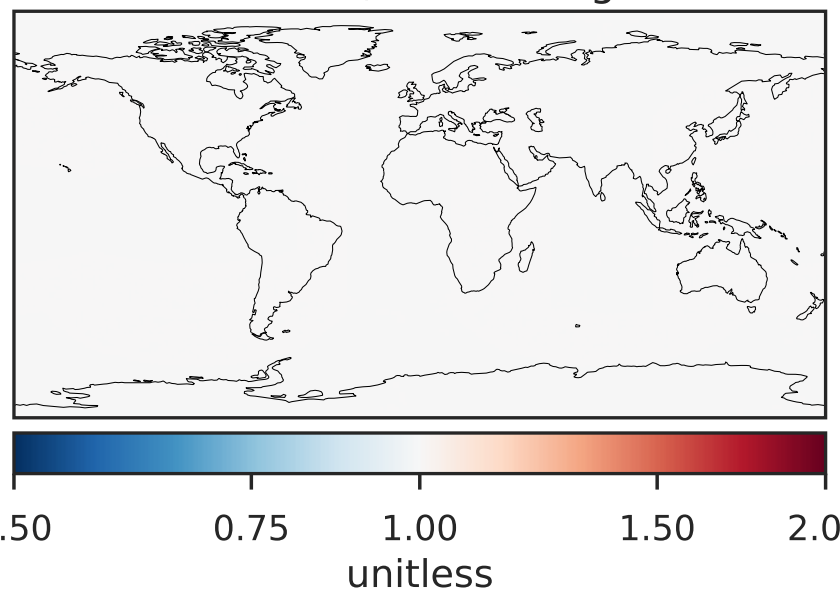
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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



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



0.9999998474

1.000000000

1.00000015260.50

0.75

1.00

1.50

2.00

SpeciesConcVV_SF6 (Jan2019)

GCHP 14.2.2 using wind (c30) (Ref)
c30



0.008 0.016 0.024
ppb

GCHP 14.2.2 using wind (c180) (Dev)
c180



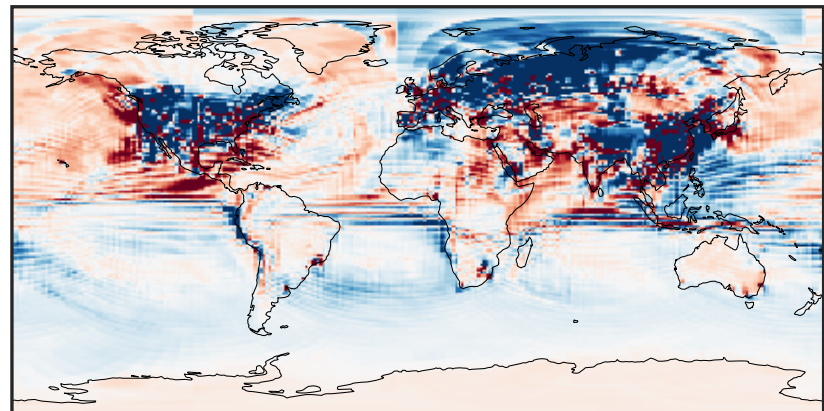
0.008 0.016 0.024
ppb

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



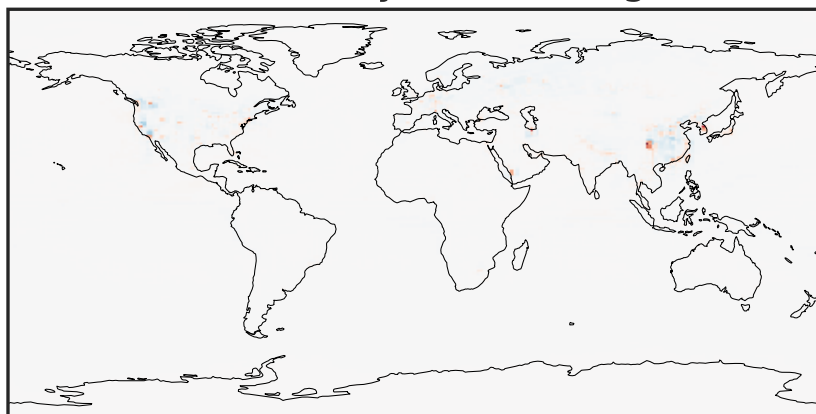
-0.005 0.000 0.005
ppb

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



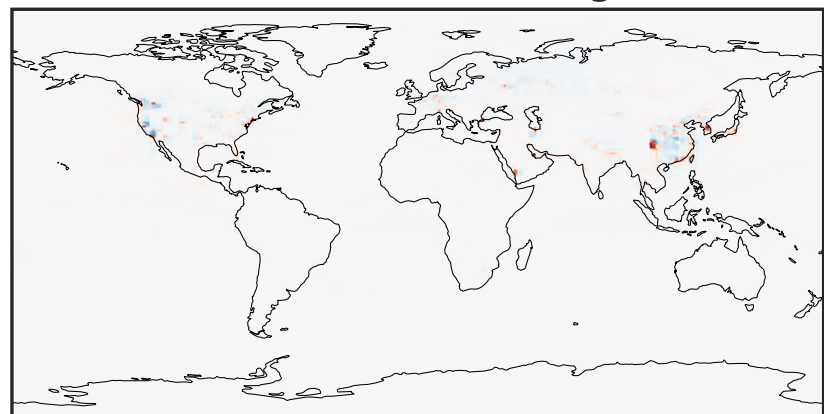
-1.5 0.0 1.5
ppb $1e-5$

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



0.338 0.669 1.000 1.981 2.962
unitless

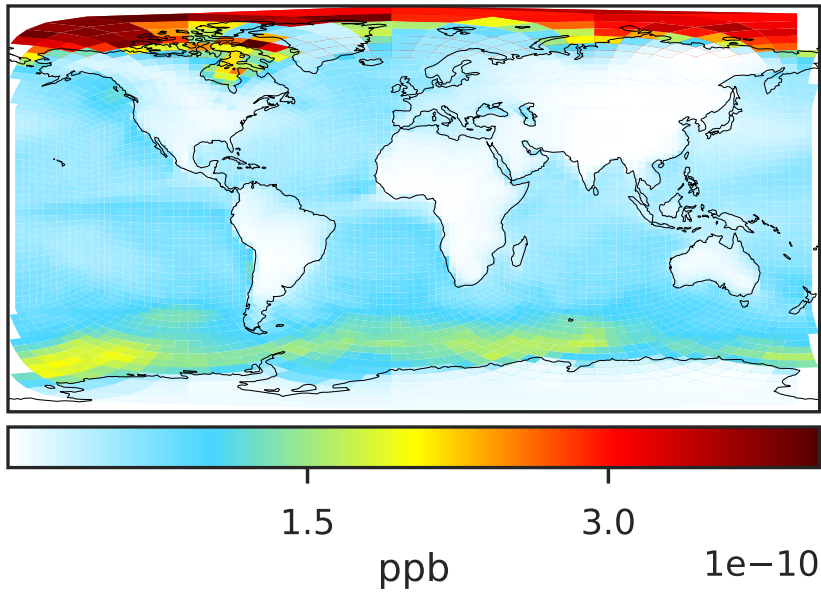
Ratio (1x1.25)
Dev/Ref, Fixed Range



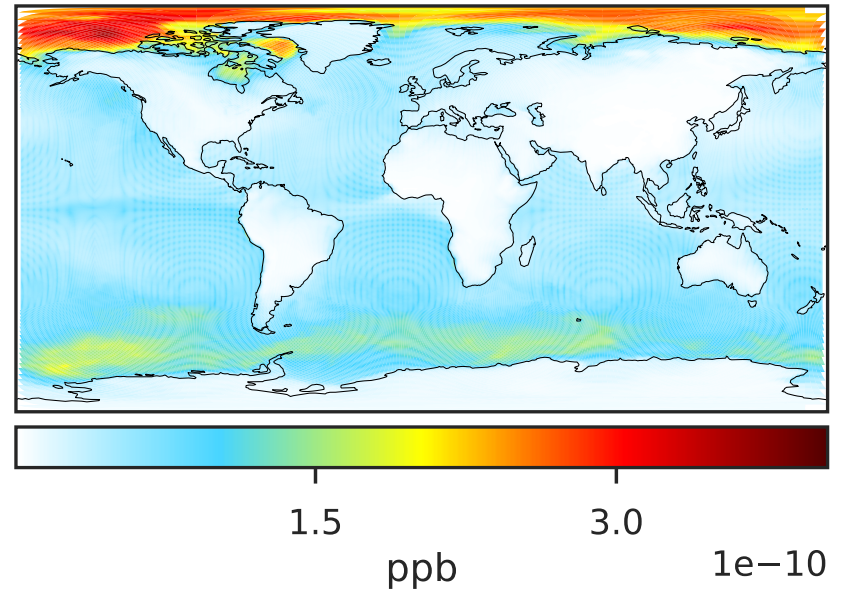
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVW_CH3I (Jan2019)

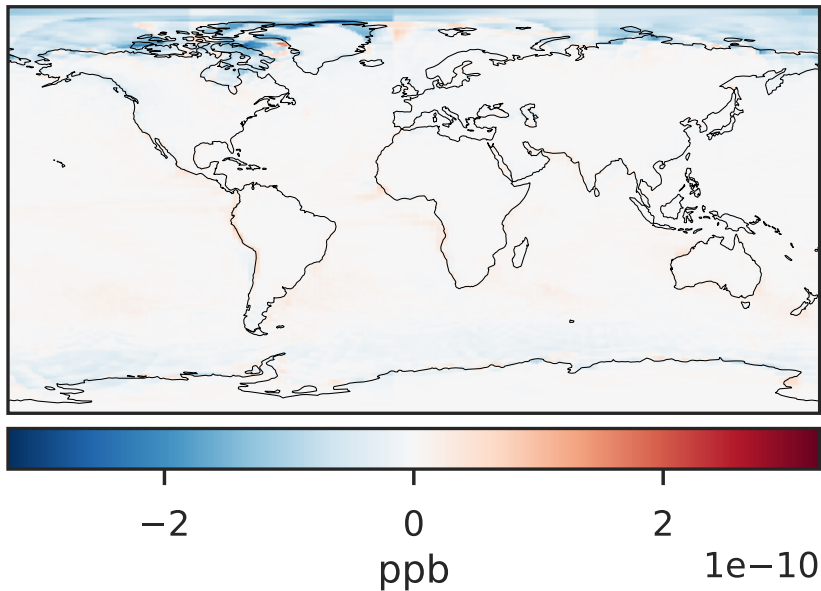
GCHP 14.2.2 using wind (c30) (Ref)
c30



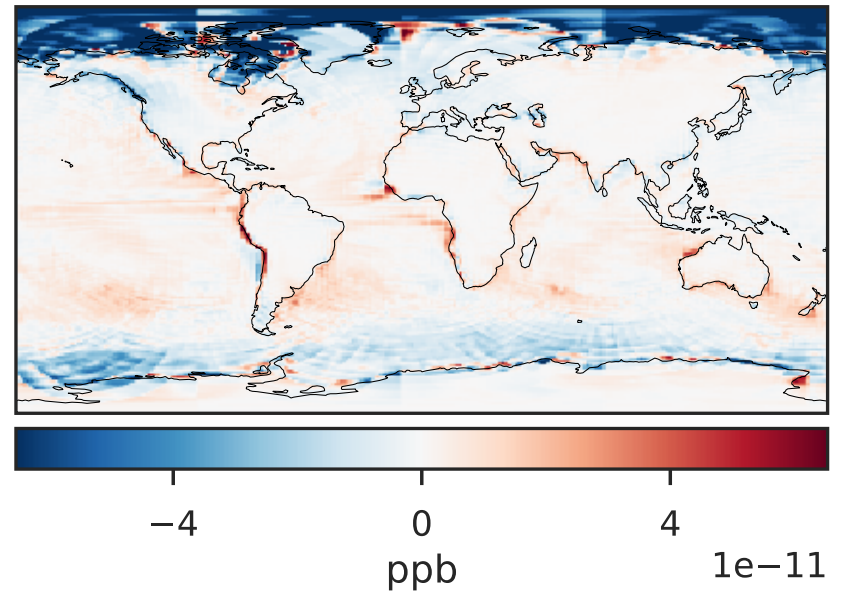
GCHP 14.2.2 using wind (c180) (Dev)
c180



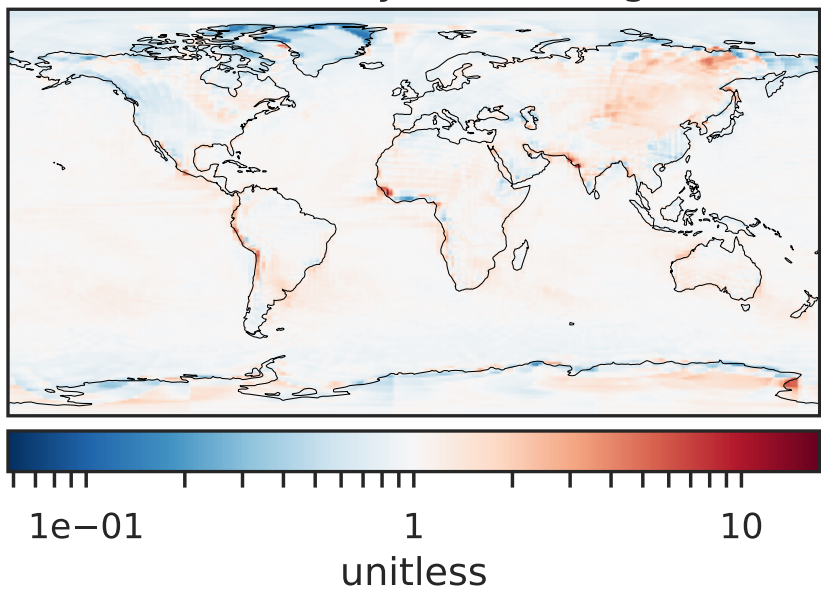
Difference (1x1.25)
Dev - Ref, Dynamic Range



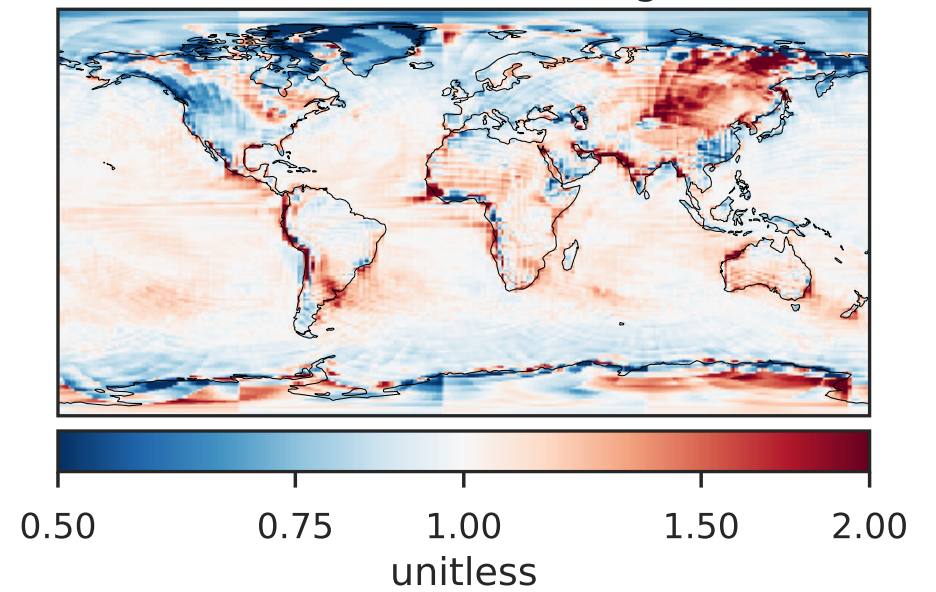
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

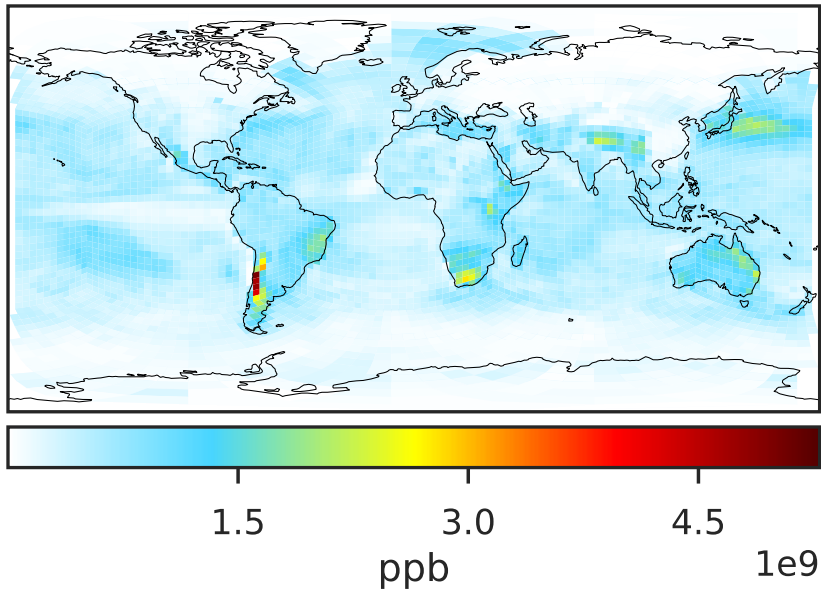


Ratio (1x1.25)
Dev/Ref, Fixed Range

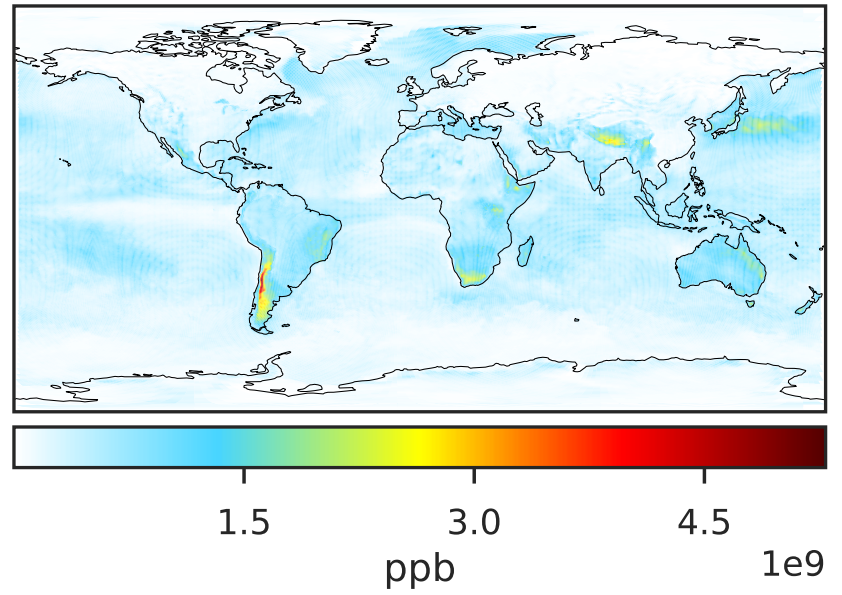


SpeciesConcVV_aoa (Jan2019)

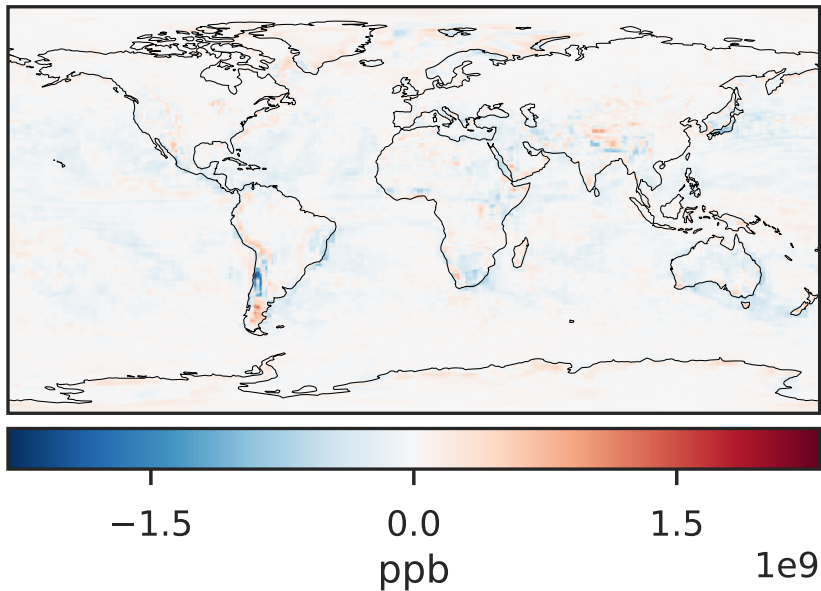
GCHP 14.2.2 using wind (c30) (Ref)
c30



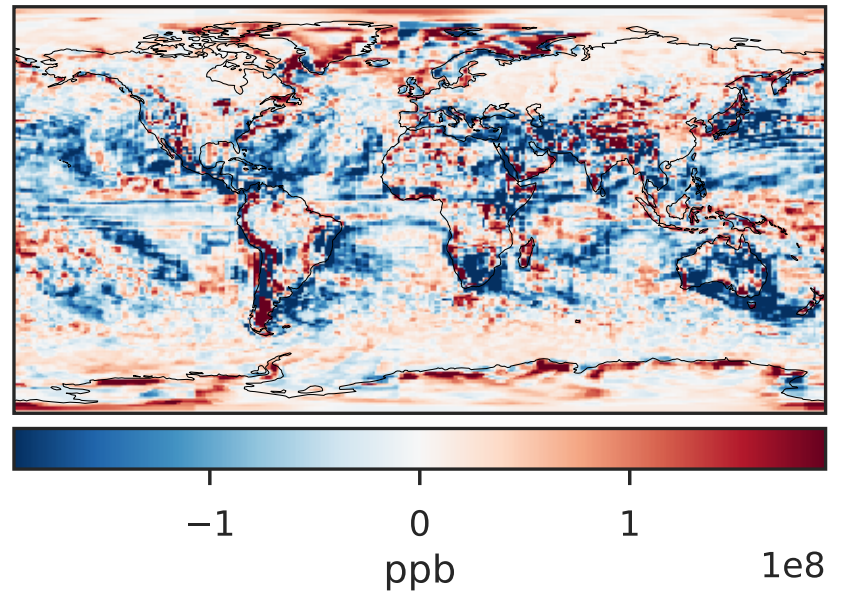
GCHP 14.2.2 using wind (c180) (Dev)
c180



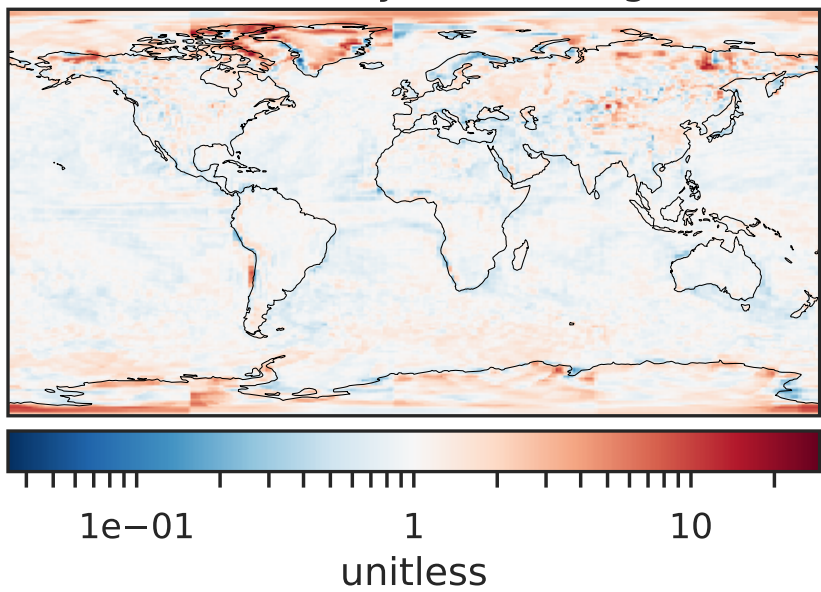
Difference (1x1.25)
Dev - Ref, Dynamic Range



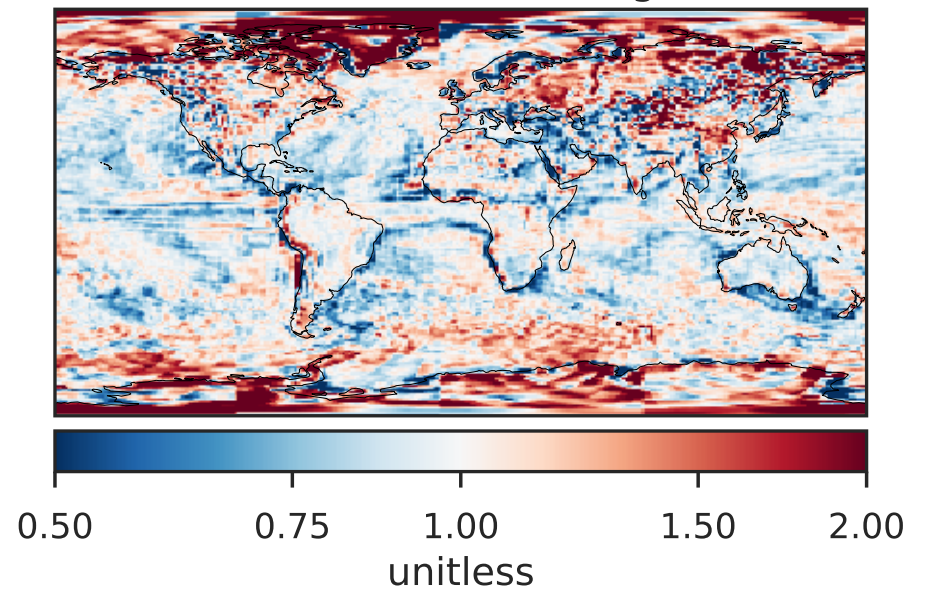
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

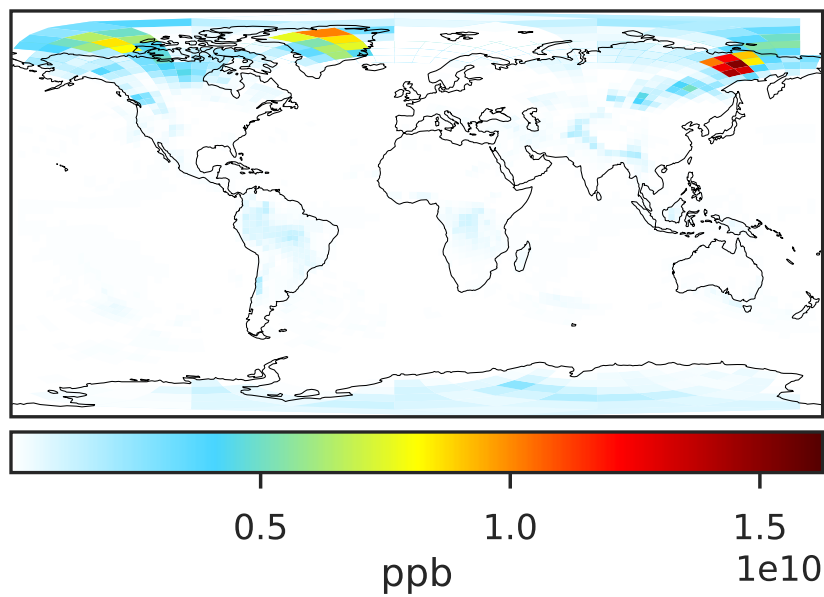


Ratio (1x1.25)
Dev/Ref, Fixed Range

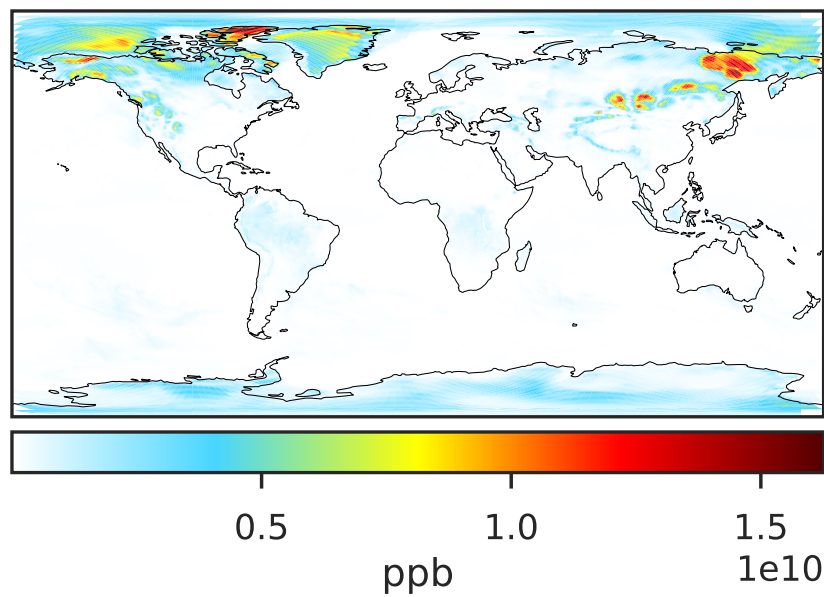


SpeciesConcVV_aoa_bl (Jan2019)

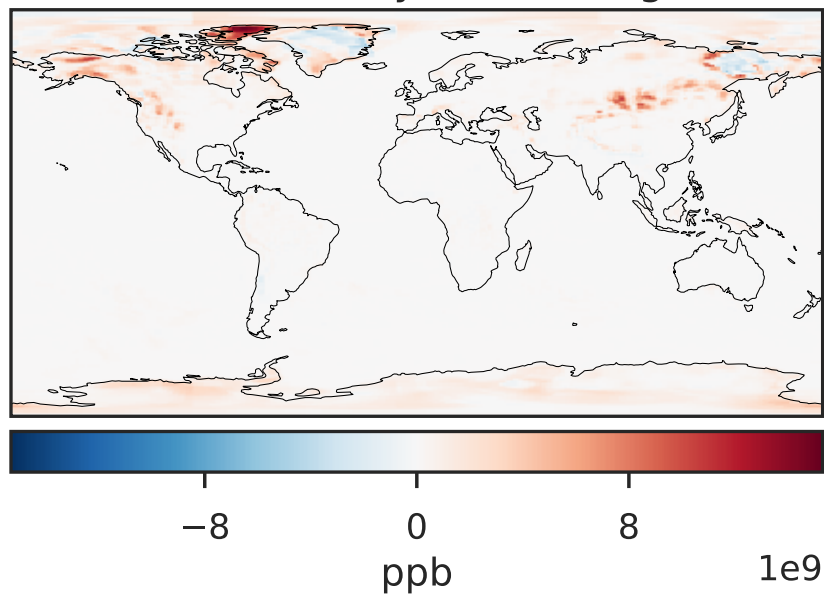
GCHP 14.2.2 using wind (c30) (Ref)
c30



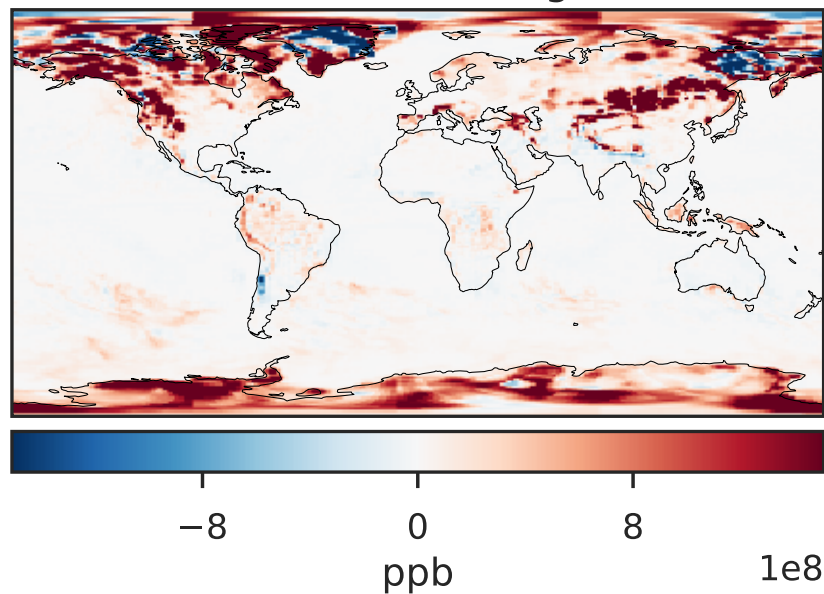
GCHP 14.2.2 using wind (c180) (Dev)
c180



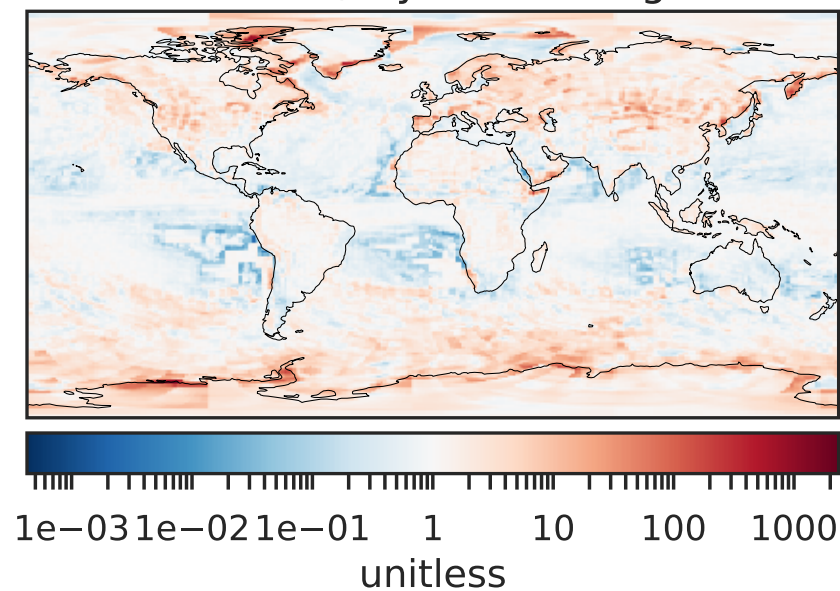
Difference (1x1.25)
Dev - Ref, Dynamic Range



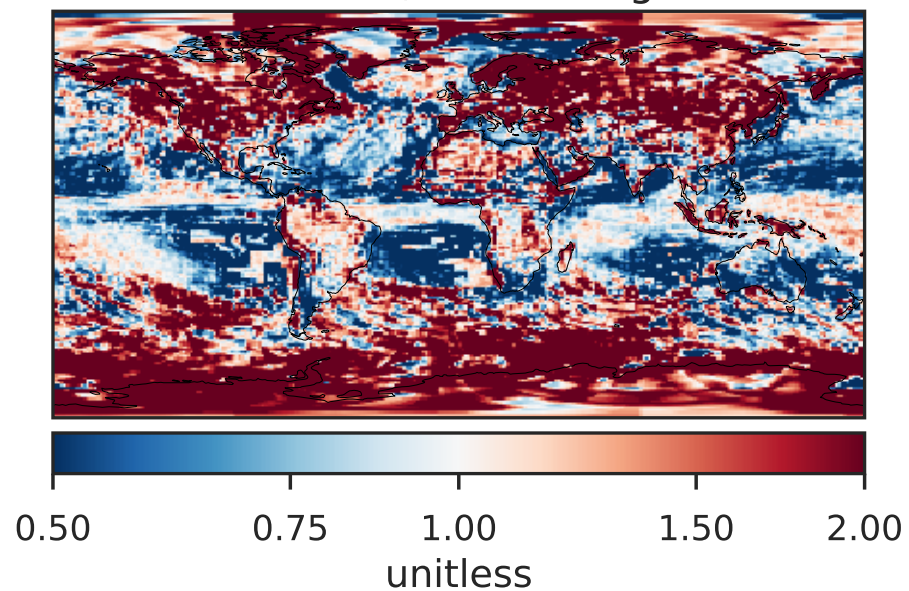
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

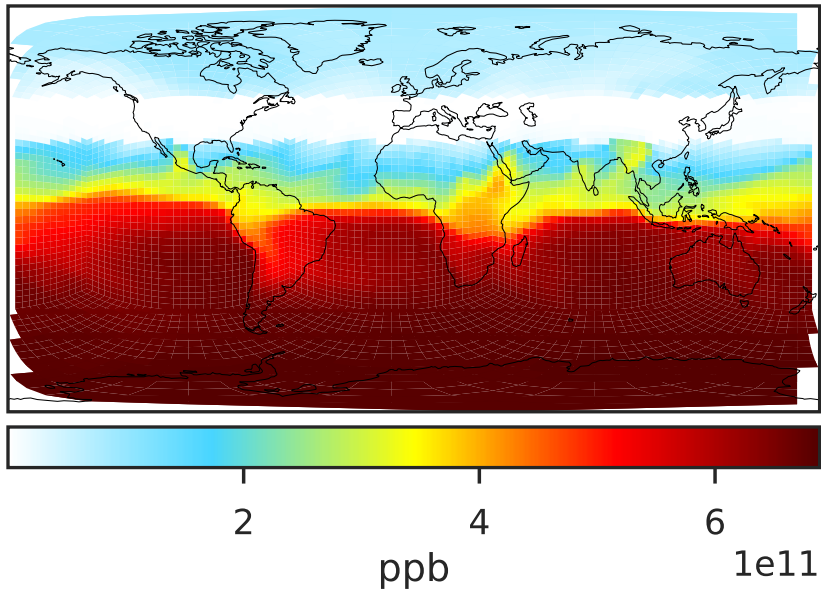


Ratio (1x1.25)
Dev/Ref, Fixed Range

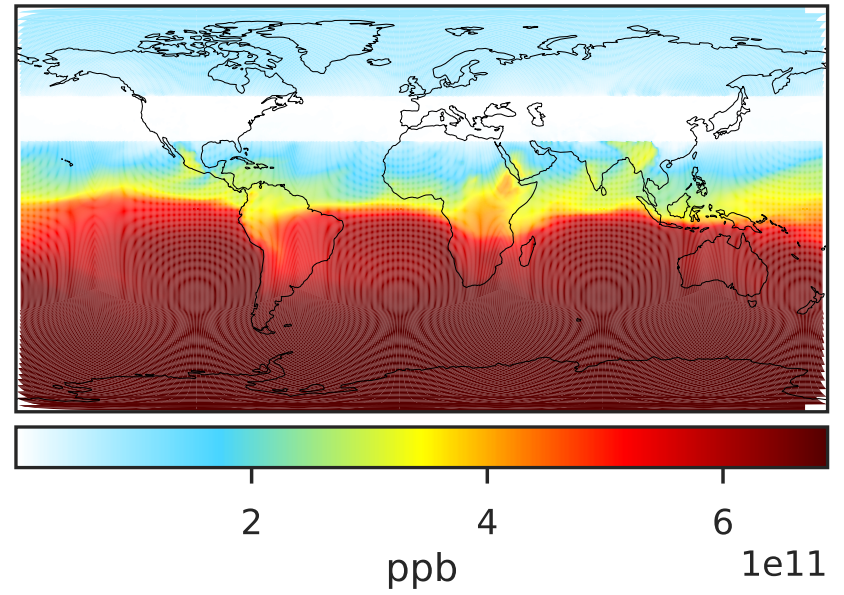


SpeciesConcVV_aoa_nh (Jan2019)

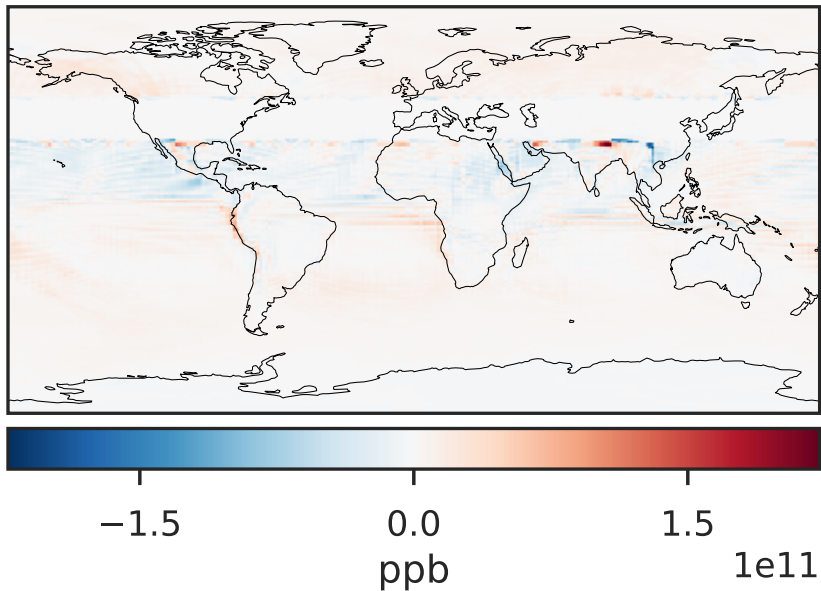
GCHP 14.2.2 using wind (c30) (Ref)
c30



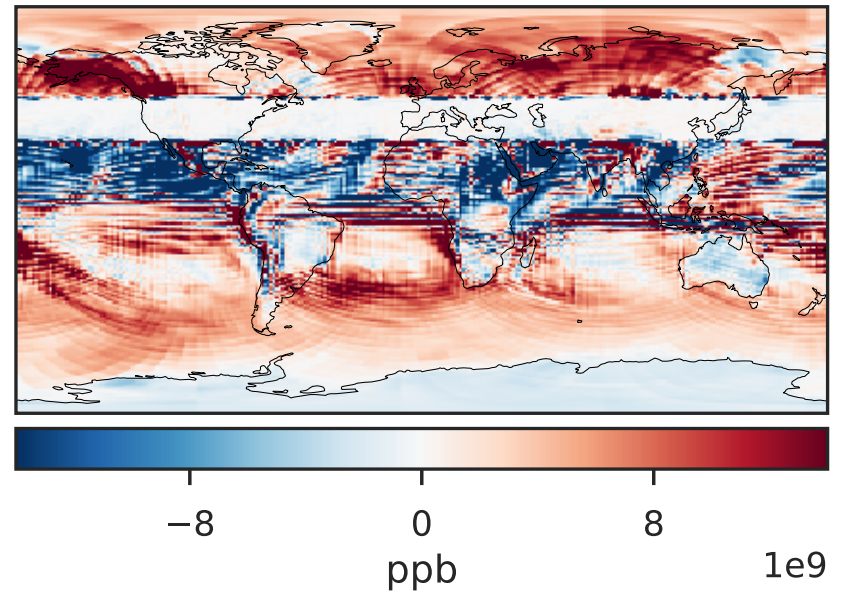
GCHP 14.2.2 using wind (c180) (Dev)
c180



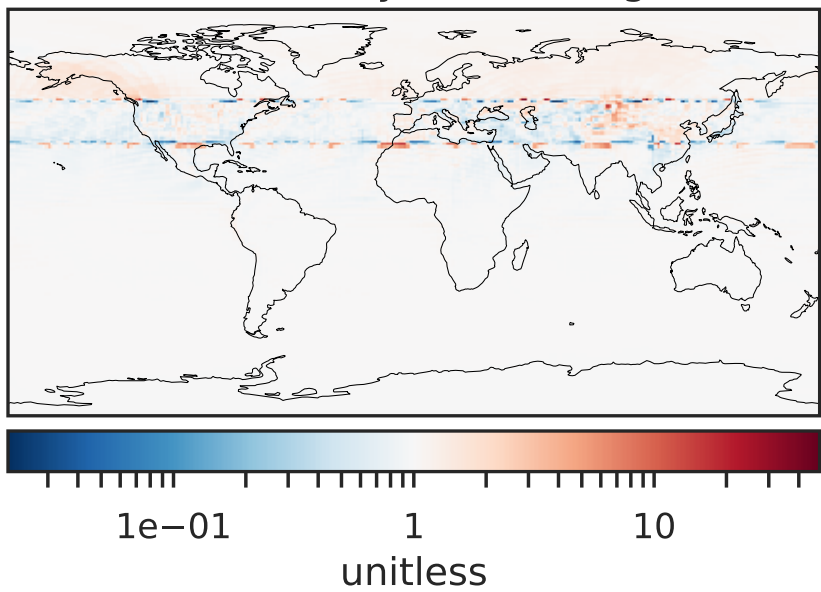
Difference (1x1.25)
Dev - Ref, Dynamic Range



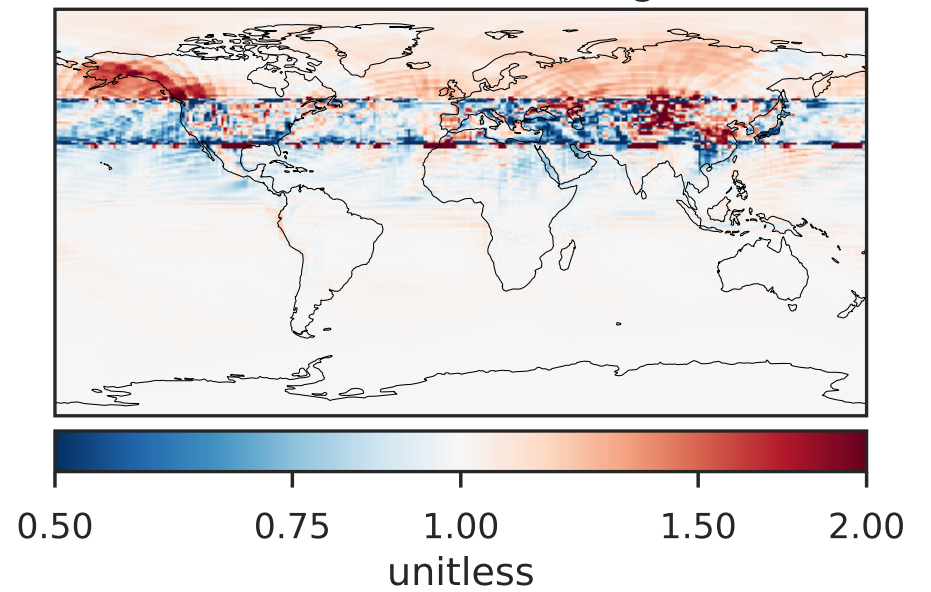
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

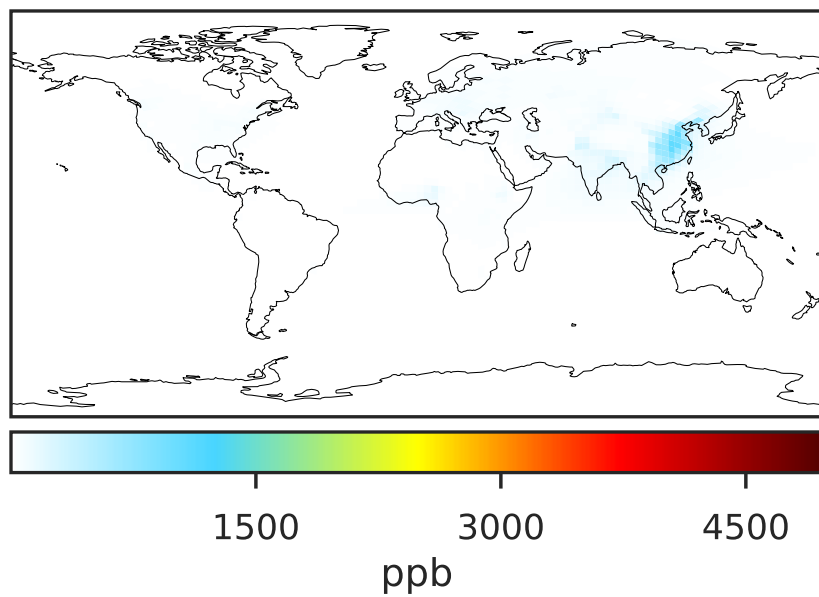


Ratio (1x1.25)
Dev/Ref, Fixed Range

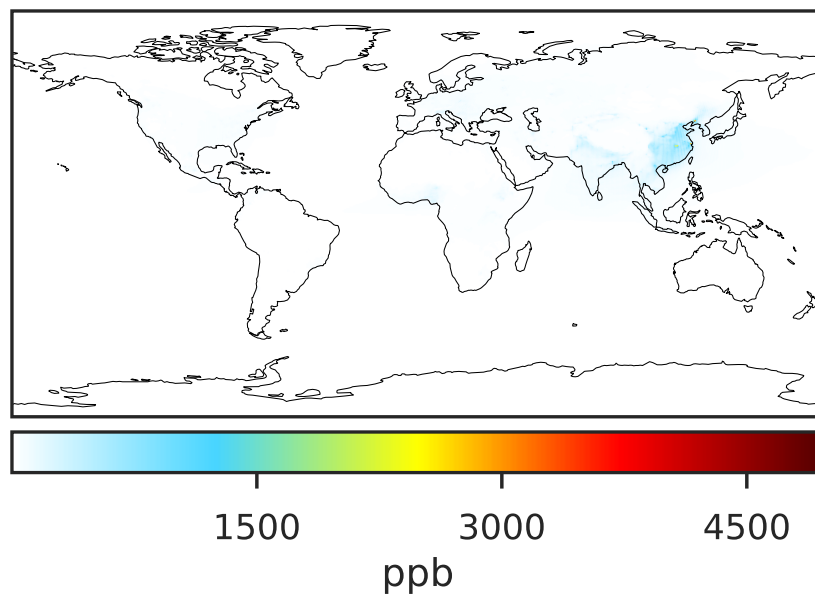


SpeciesConcVV_CO_25 (Jan2019)

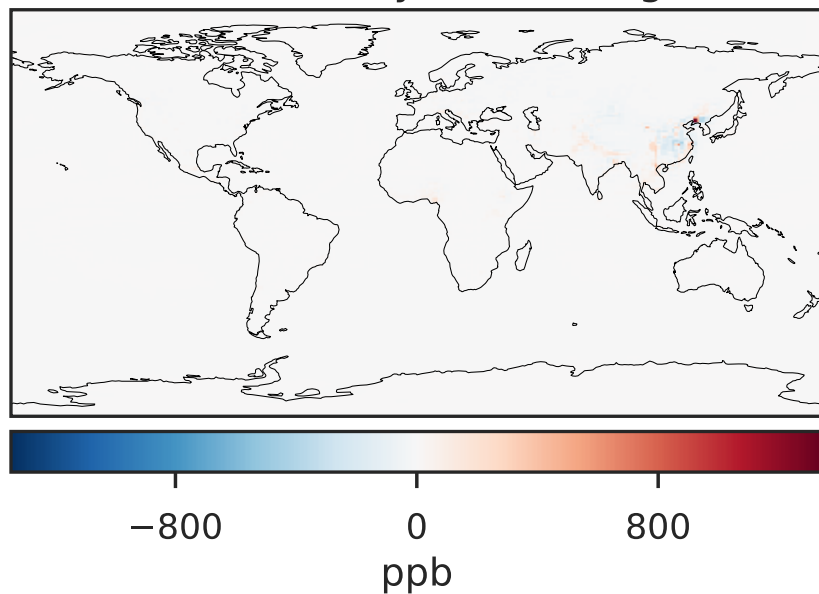
GCHP 14.2.2 using wind (c30) (Ref)
c30



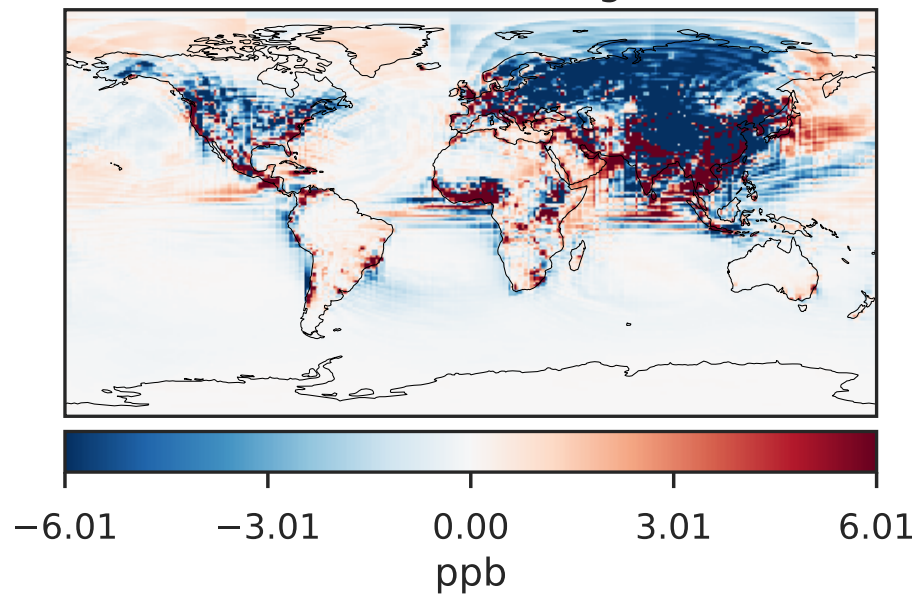
GCHP 14.2.2 using wind (c180) (Dev)
c180



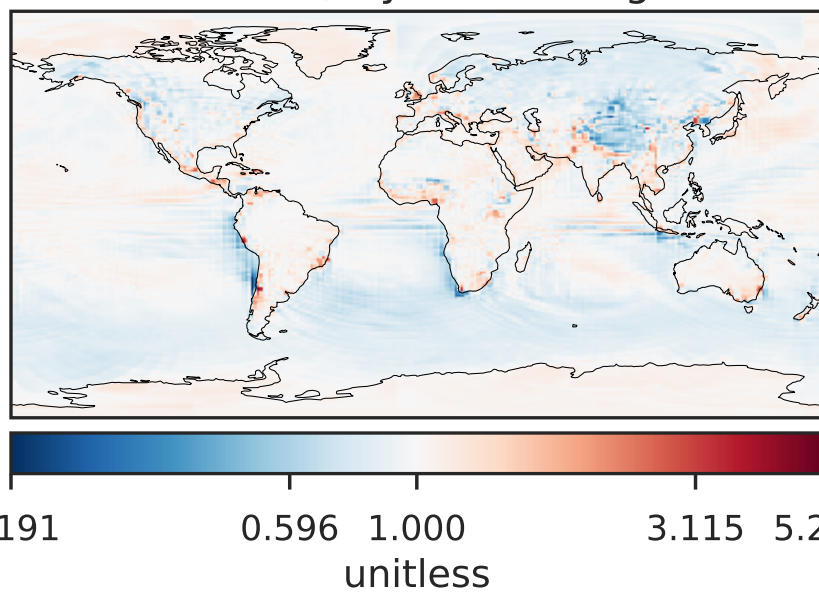
Difference (1x1.25)
Dev - Ref, Dynamic Range



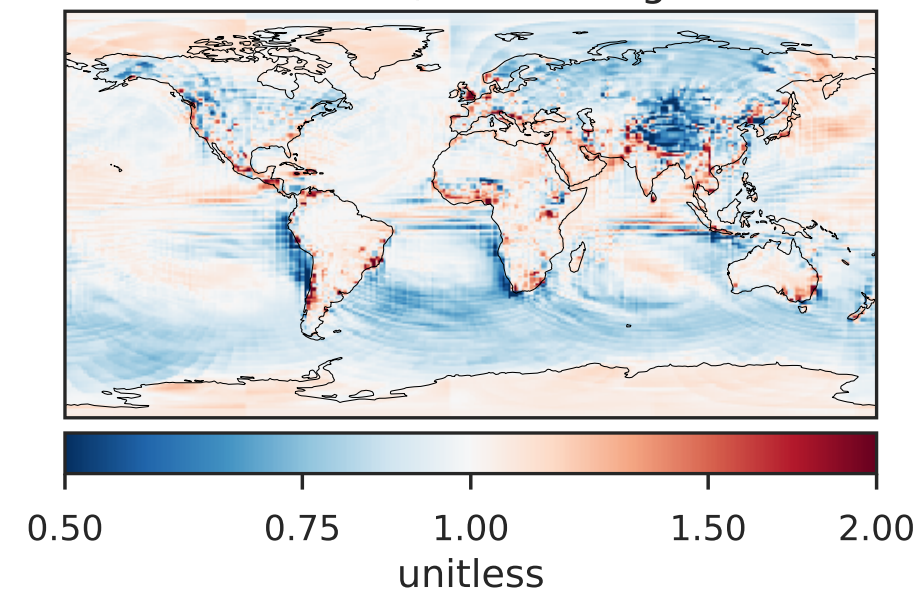
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

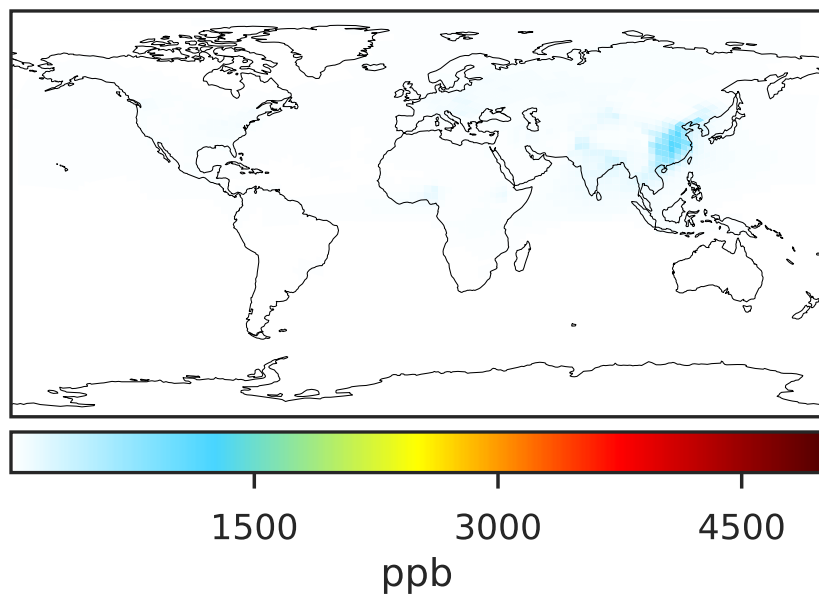


Ratio (1x1.25)
Dev/Ref, Fixed Range

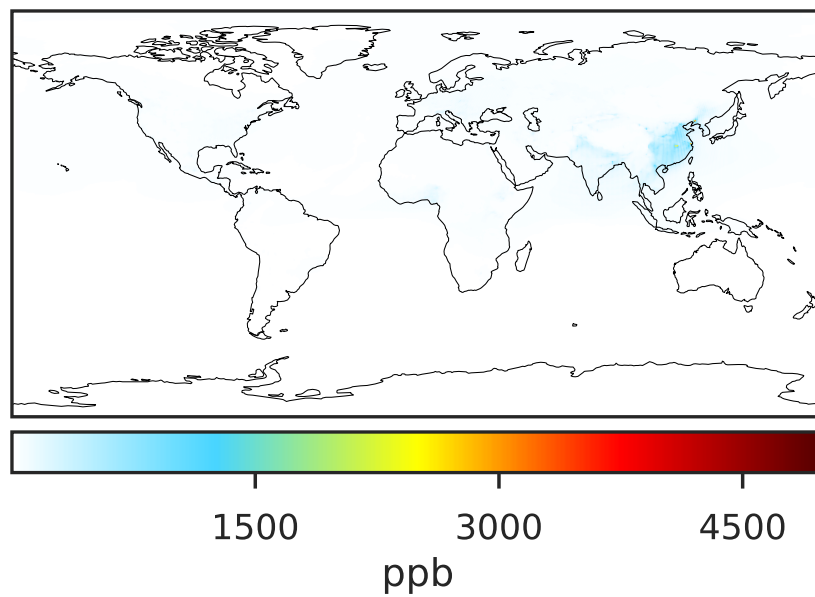


SpeciesConcVV_CO_50 (Jan2019)

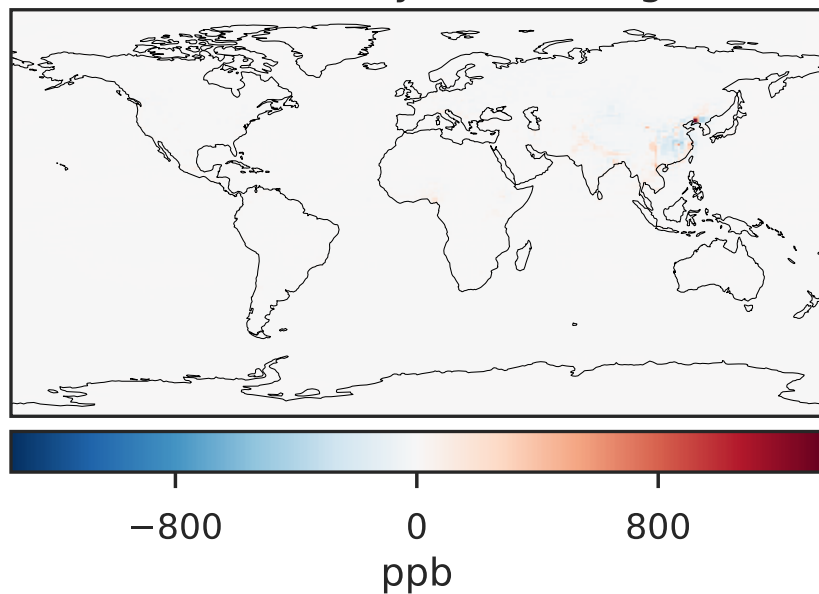
GCHP 14.2.2 using wind (c30) (Ref)
c30



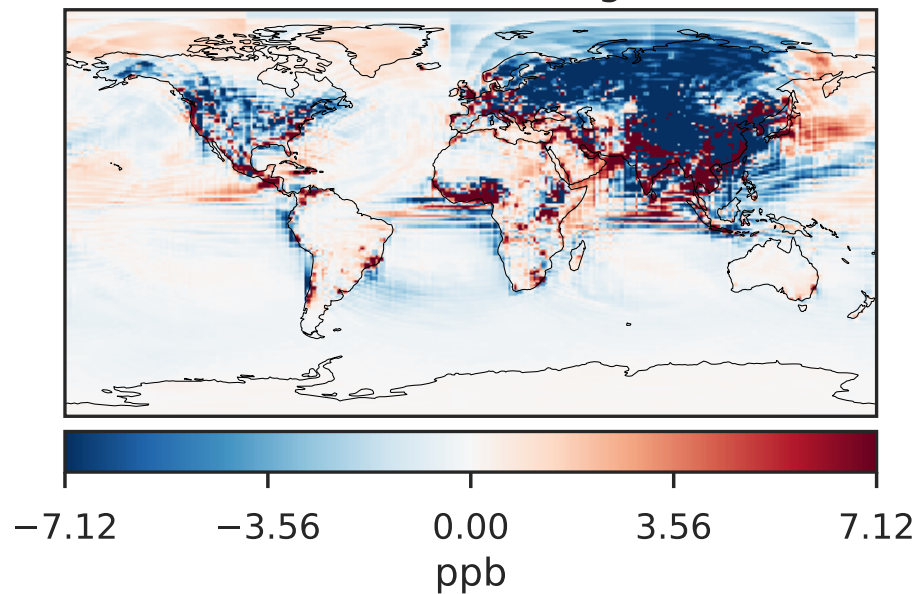
GCHP 14.2.2 using wind (c180) (Dev)
c180



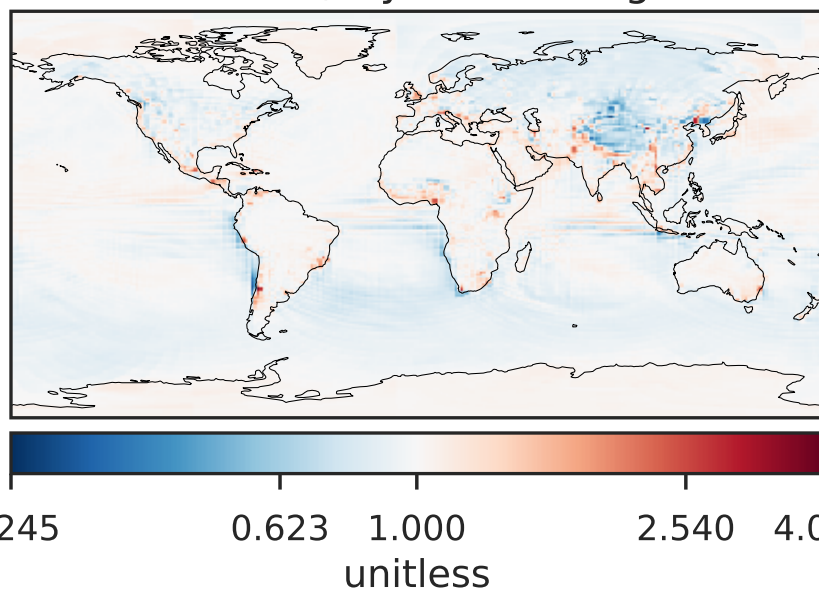
Difference (1x1.25)
Dev - Ref, Dynamic Range



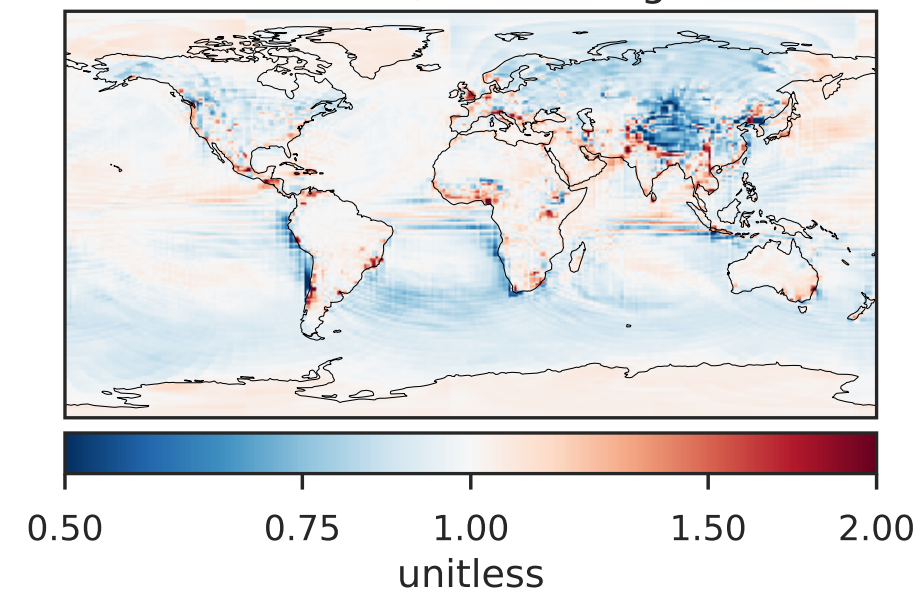
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

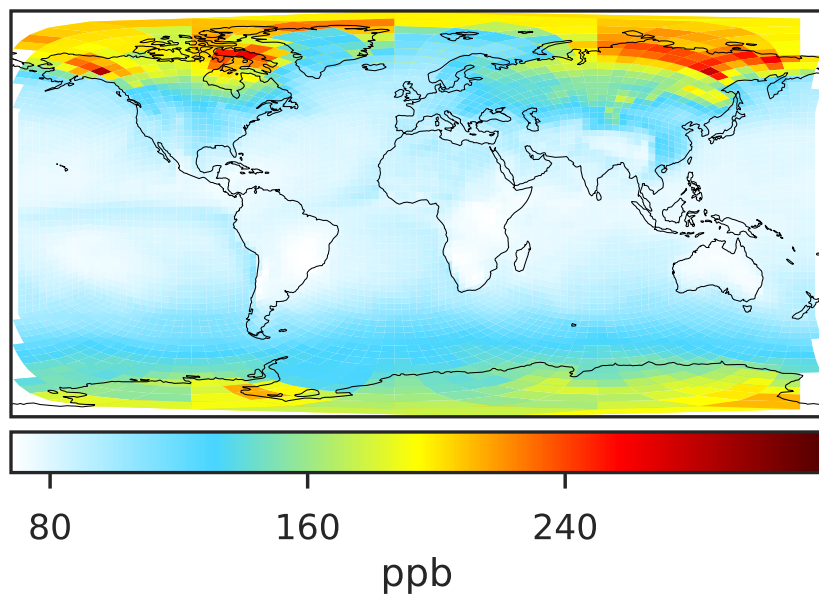


Ratio (1x1.25)
Dev/Ref, Fixed Range

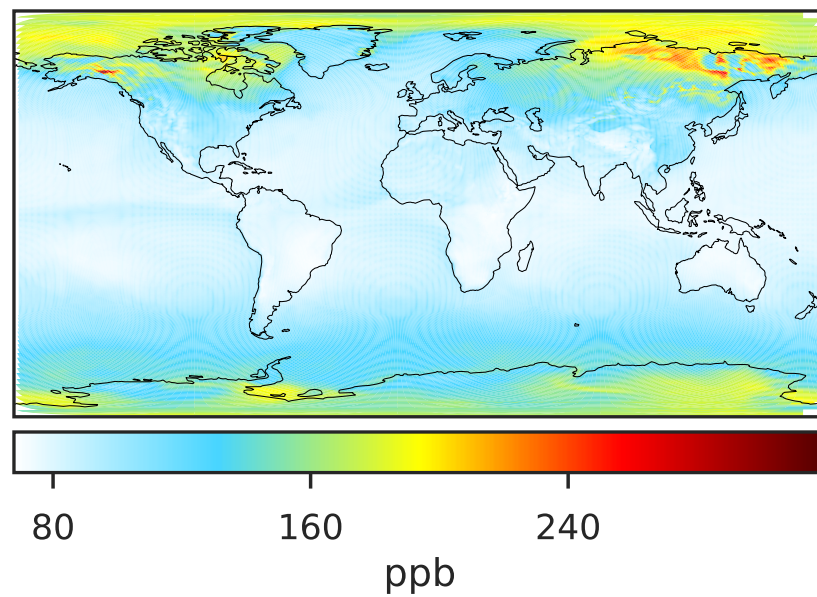


SpeciesConcVW_e90 (Jan2019)

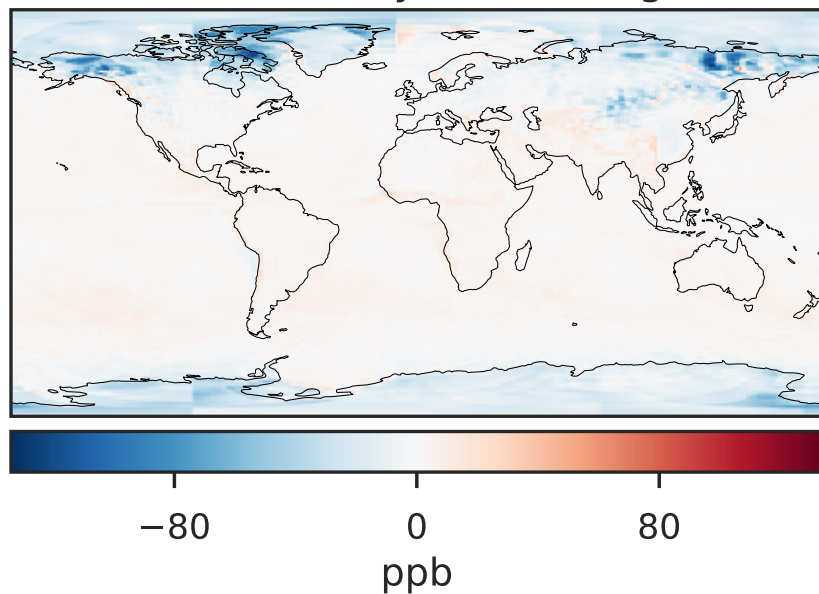
GCHP 14.2.2 using wind (c30) (Ref)
c30



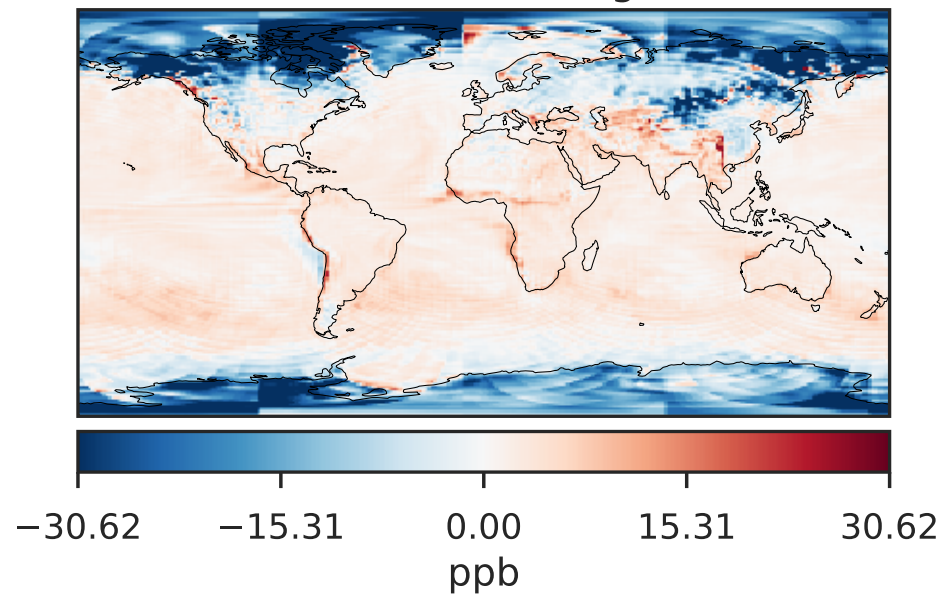
GCHP 14.2.2 using wind (c180) (Dev)
c180



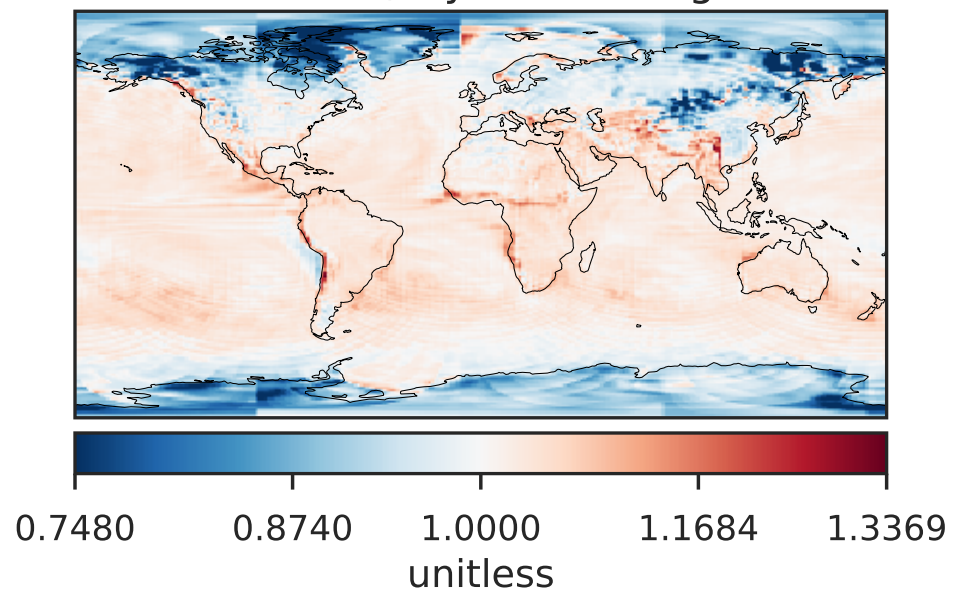
Difference (1x1.25)
Dev - Ref, Dynamic Range



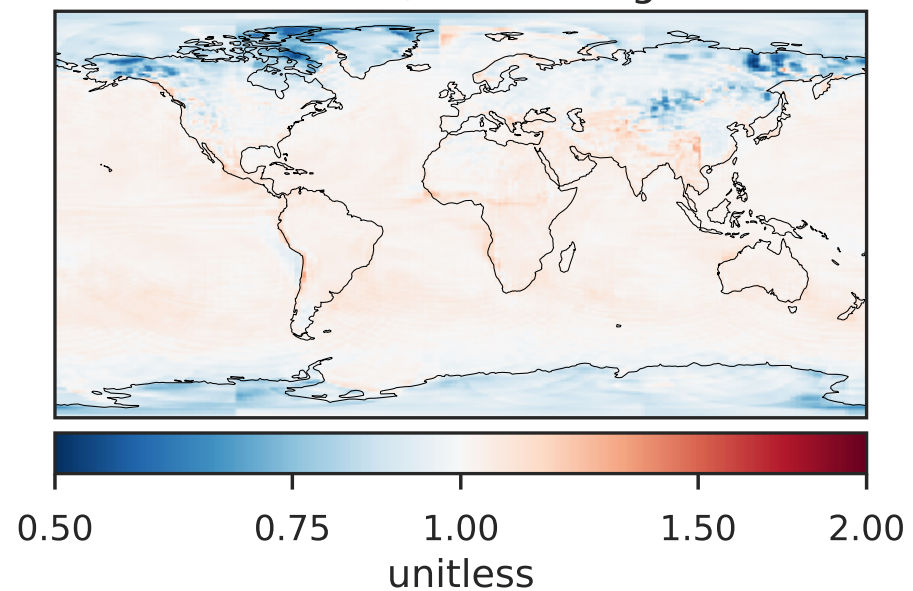
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

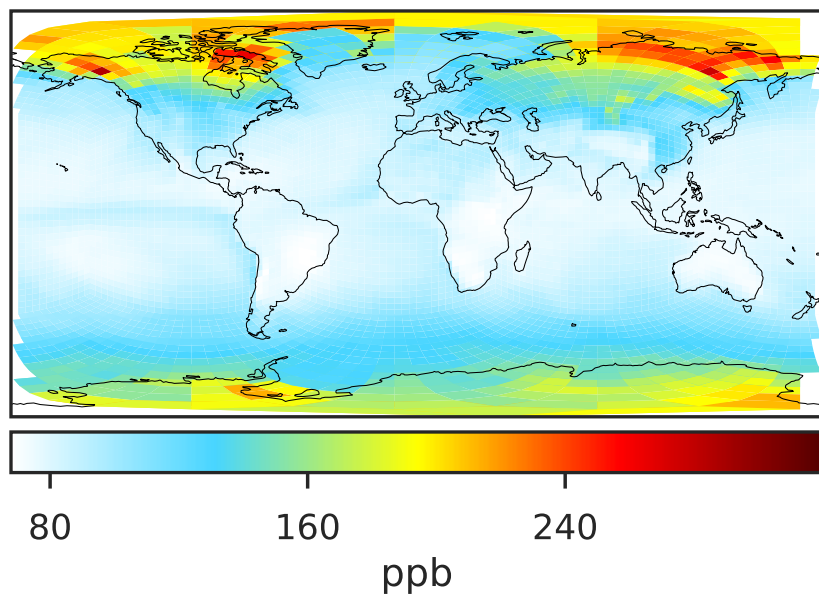


Ratio (1x1.25)
Dev/Ref, Fixed Range

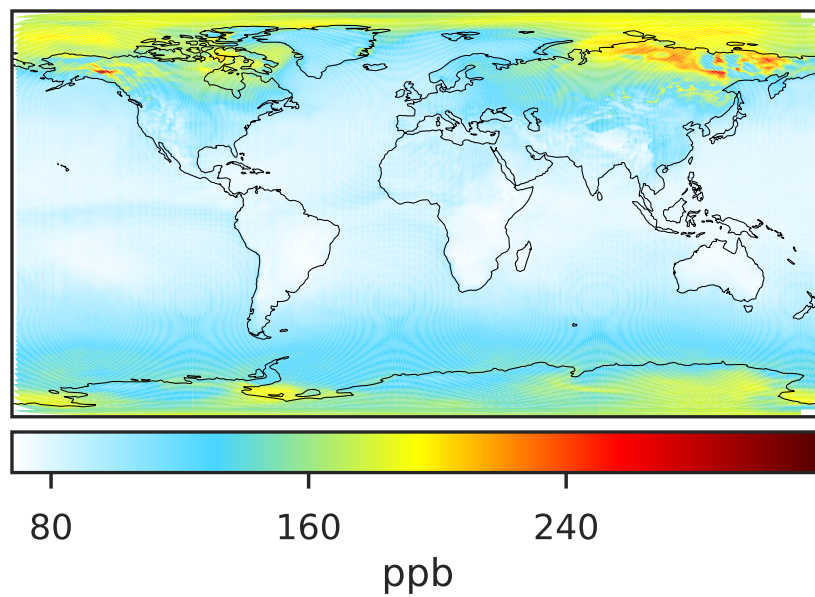


SpeciesConcVV_e90_n (Jan2019)

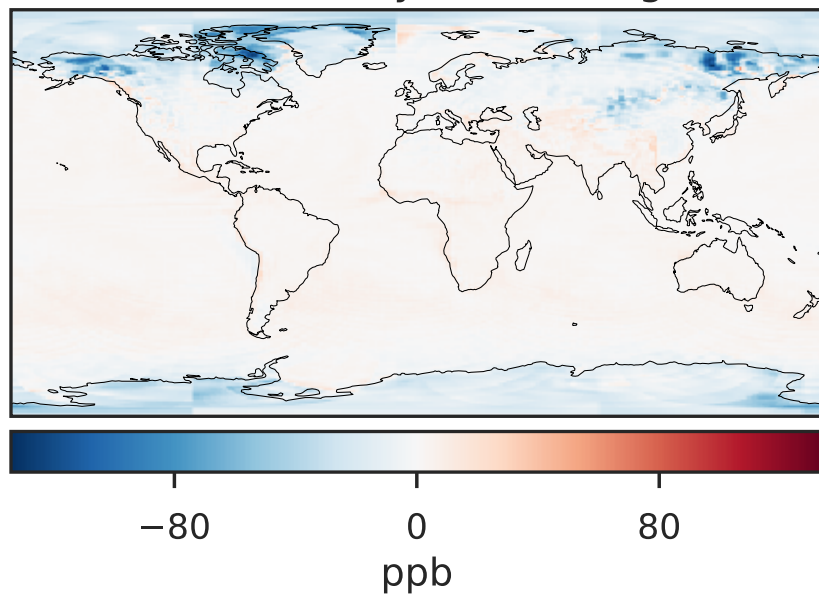
GCHP 14.2.2 using wind (c30) (Ref)
c30



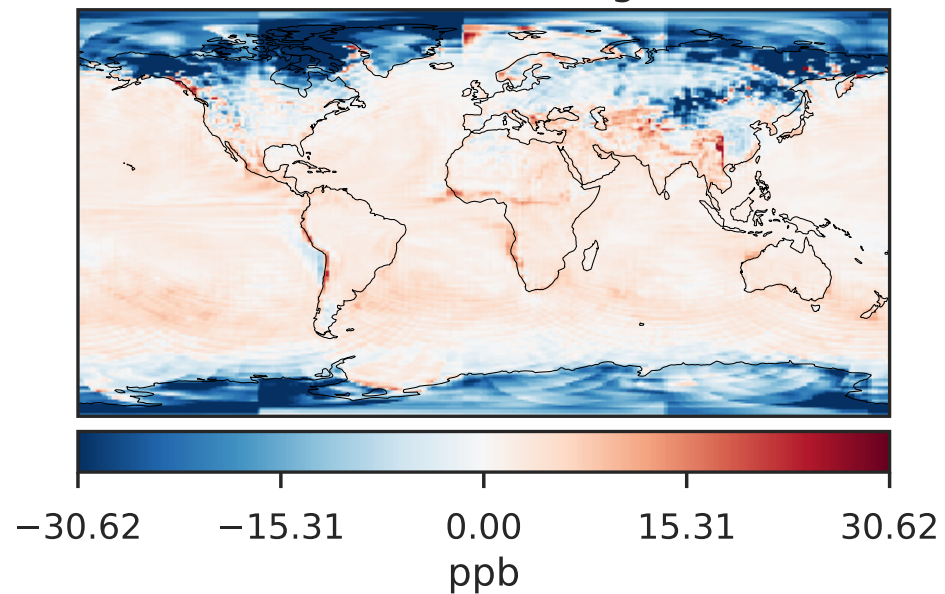
GCHP 14.2.2 using wind (c180) (Dev)
c180



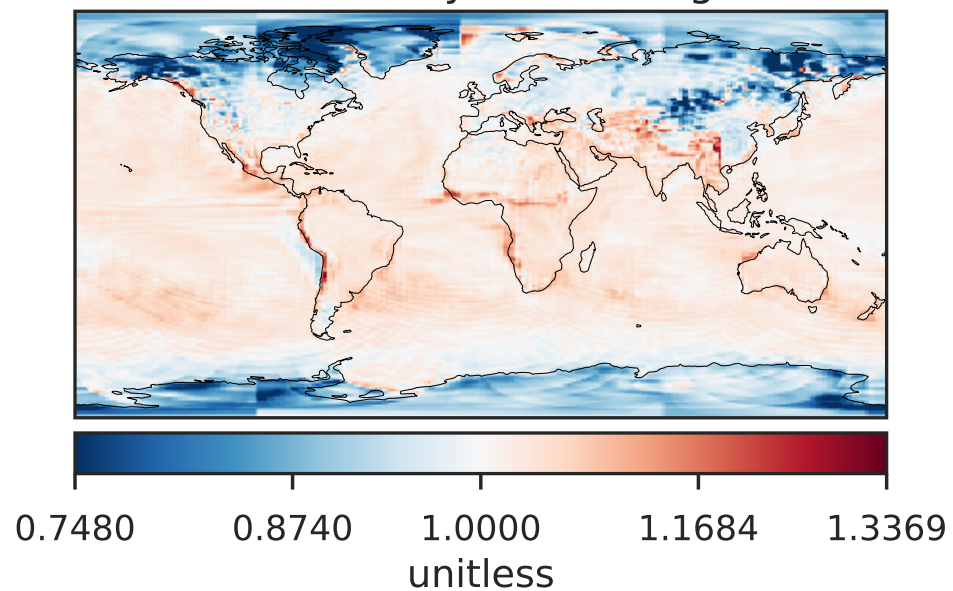
Difference (1x1.25)
Dev - Ref, Dynamic Range



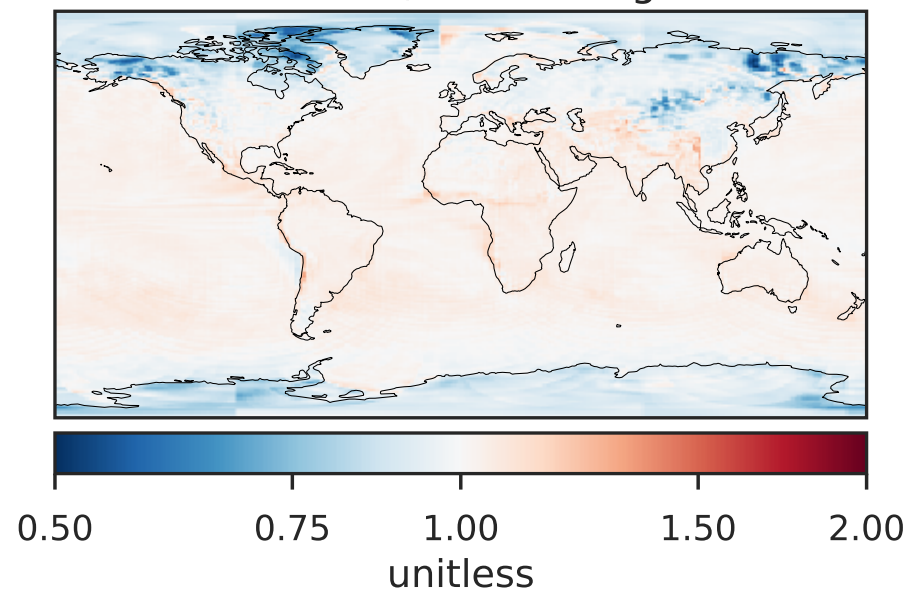
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

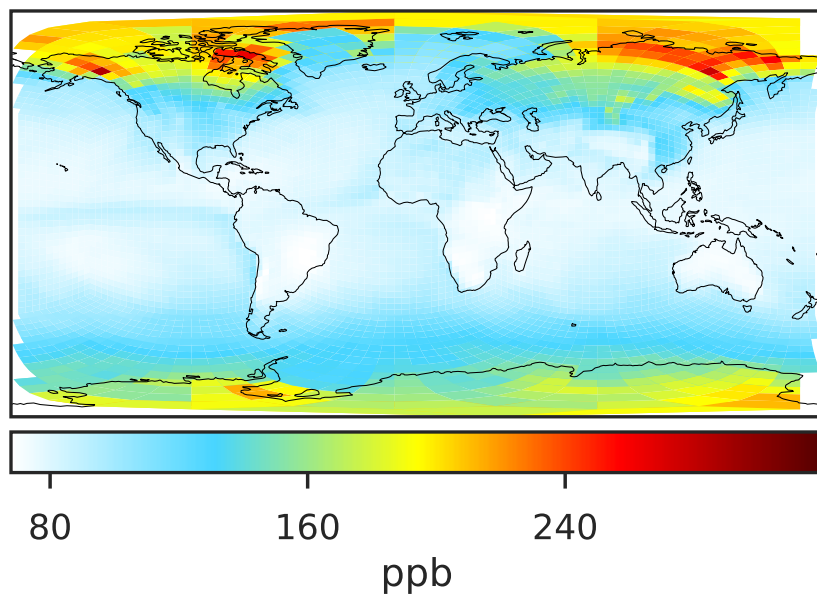


Ratio (1x1.25)
Dev/Ref, Fixed Range

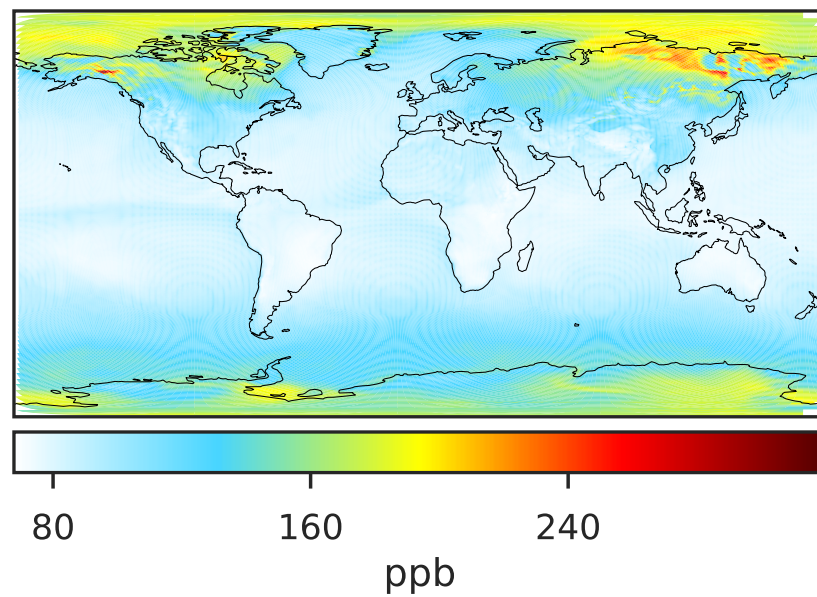


SpeciesConcVV_e90_s (Jan2019)

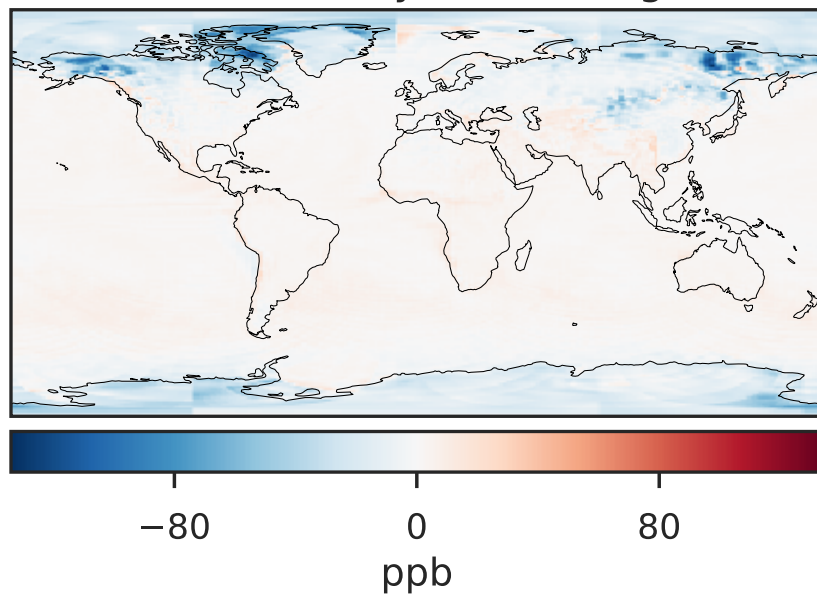
GCHP 14.2.2 using wind (c30) (Ref)
c30



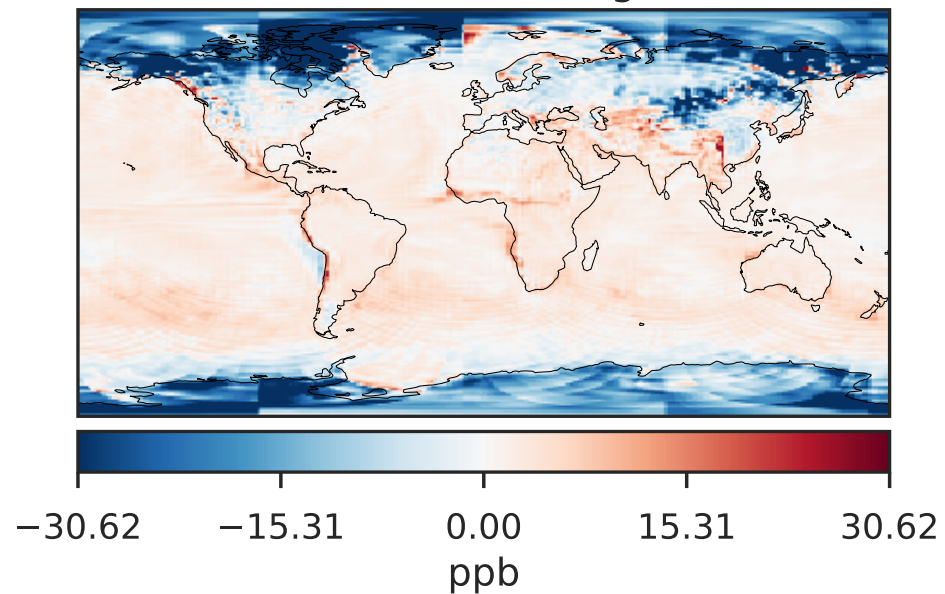
GCHP 14.2.2 using wind (c180) (Dev)
c180



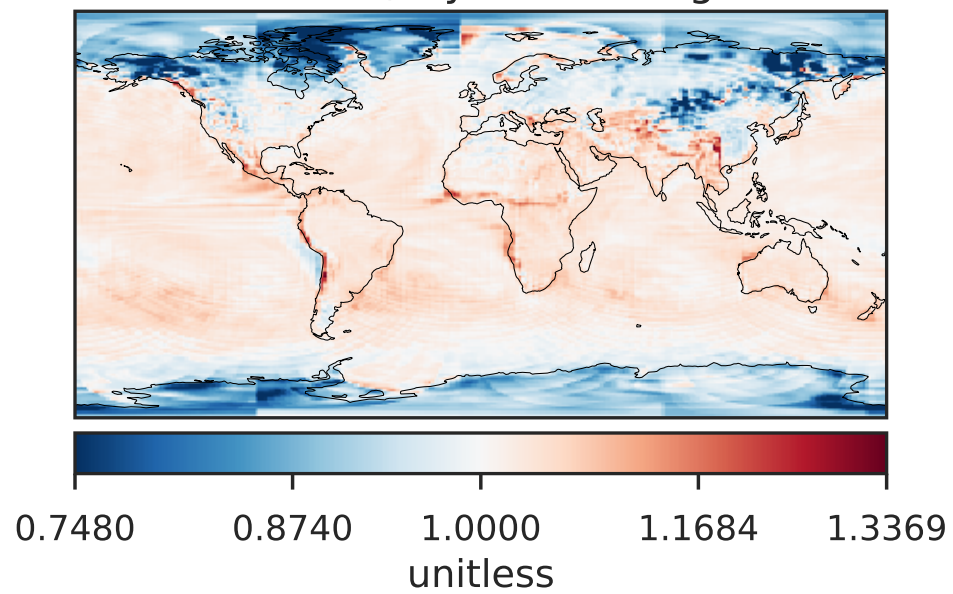
Difference (1x1.25)
Dev - Ref, Dynamic Range



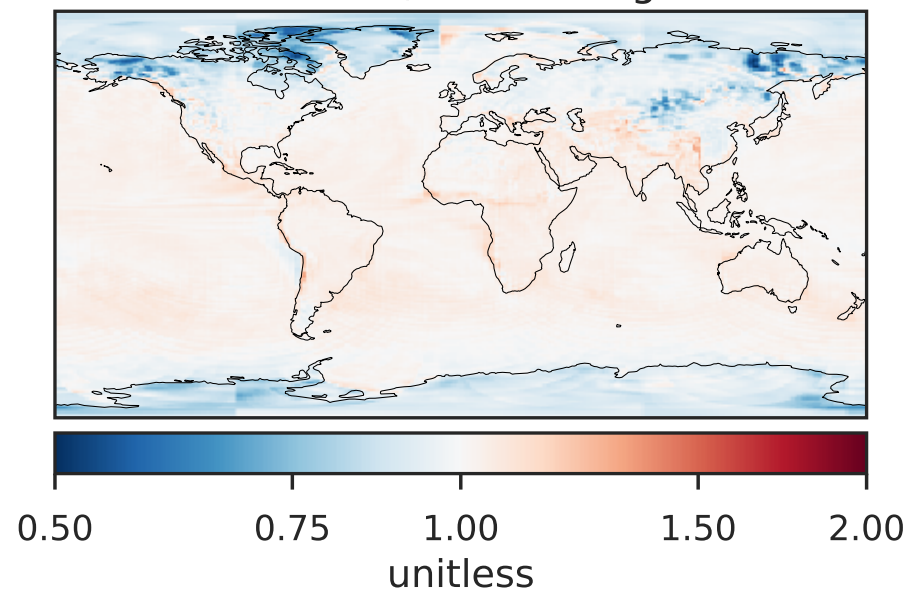
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

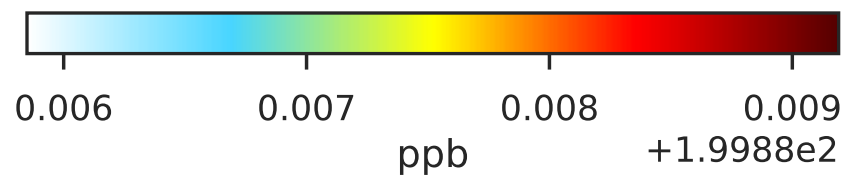


Ratio (1x1.25)
Dev/Ref, Fixed Range

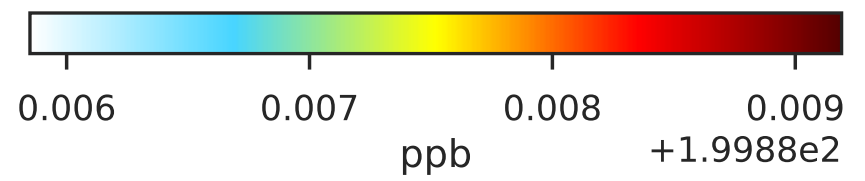
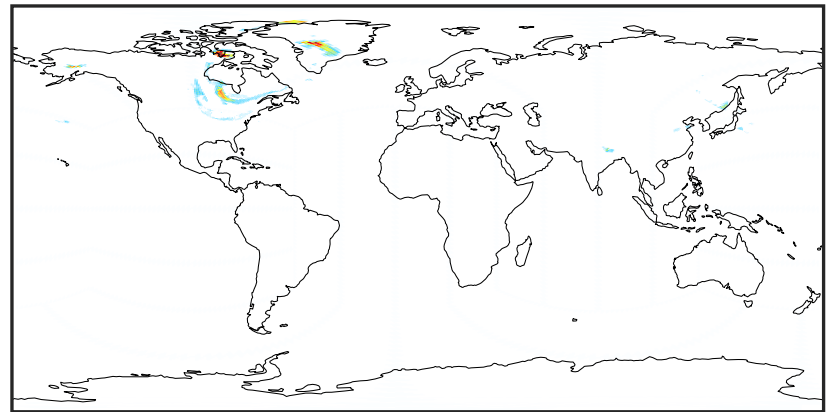


SpeciesConcVV_st80_25 (Jan2019)

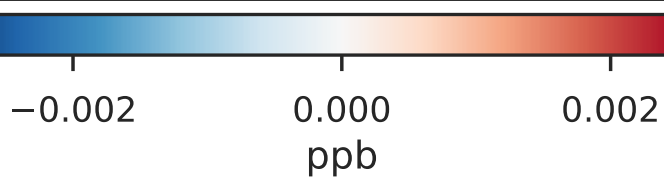
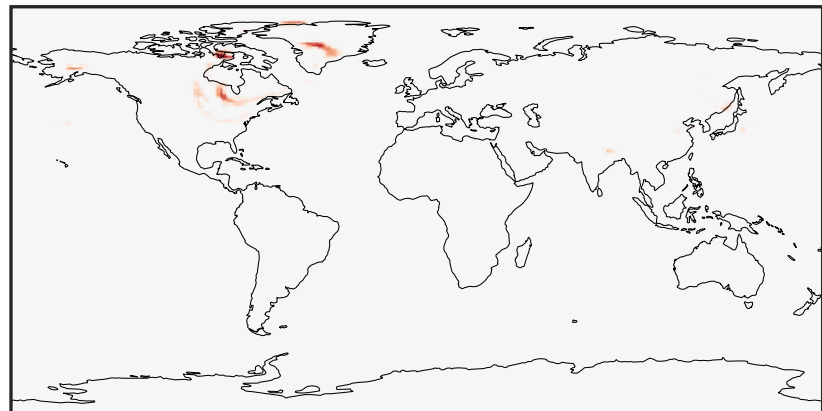
GCHP 14.2.2 using wind (c30) (Ref)
c30



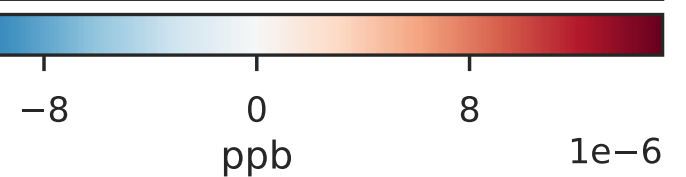
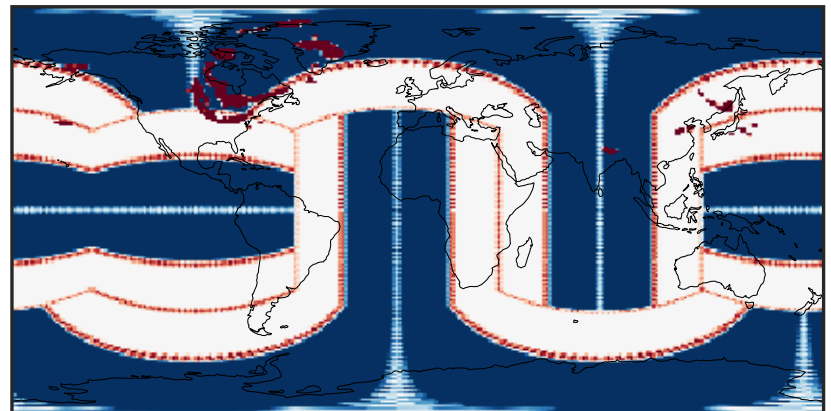
GCHP 14.2.2 using wind (c180) (Dev)
c180



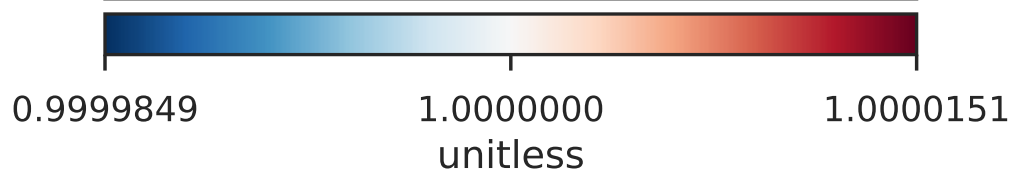
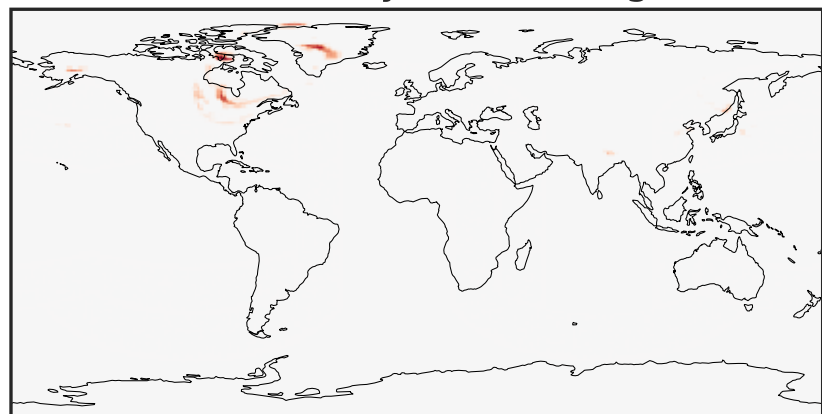
Difference (1x1.25)
Dev - Ref, Dynamic Range



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



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



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

