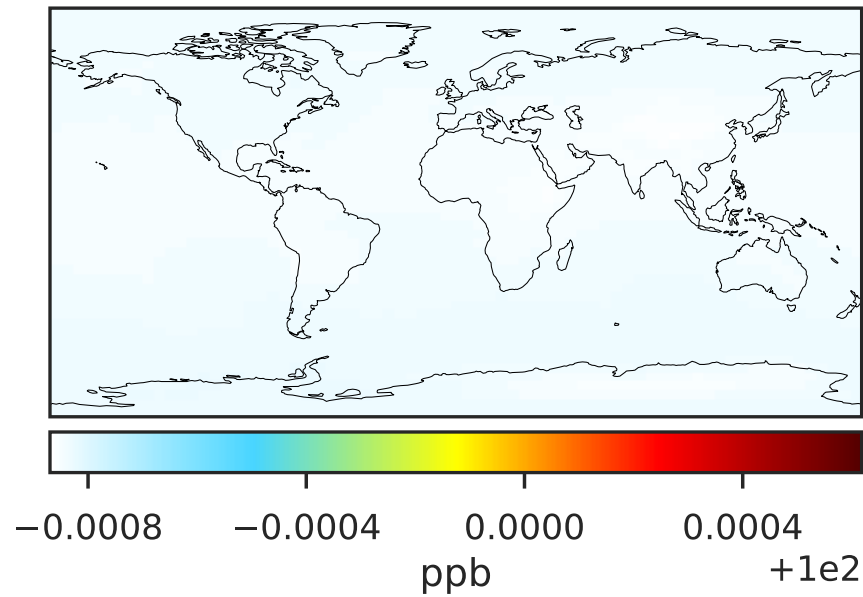
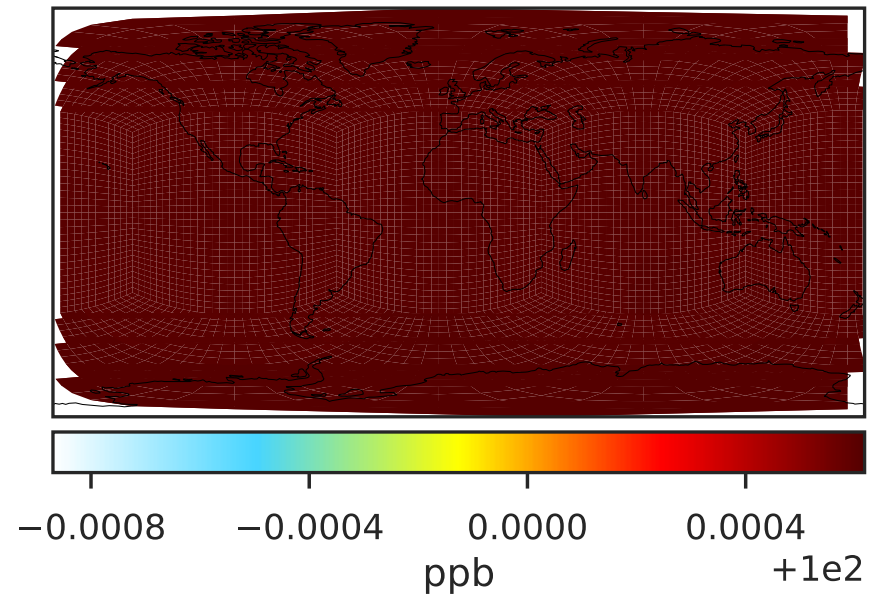


SpeciesConcVV_PassiveTracer (Jan2019)

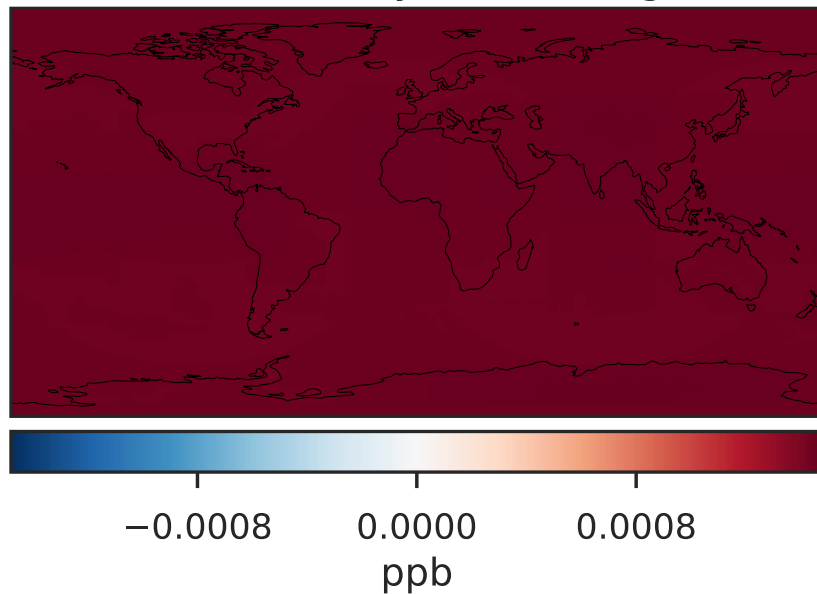
GCC 14.2.2 (Ref)
4.0x5.0



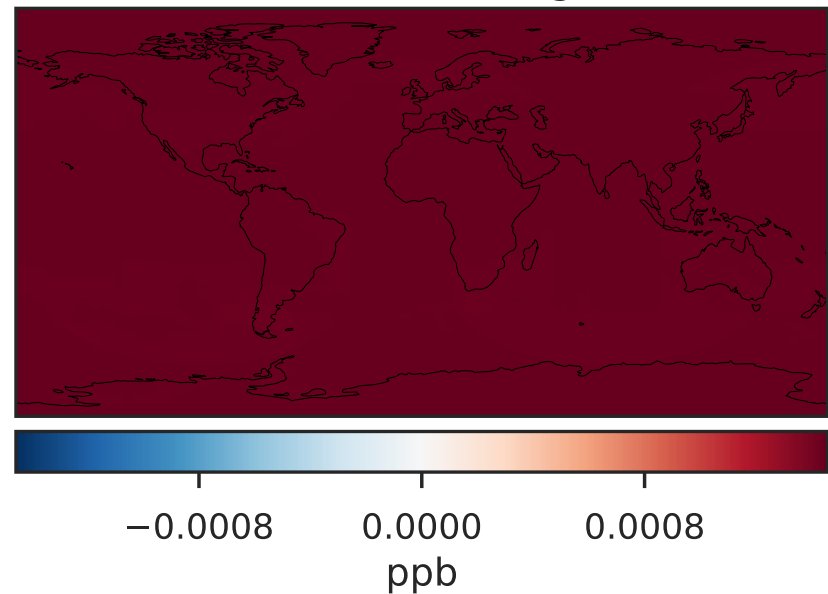
GCHP 14.2.2 using wind (Dev)
c30



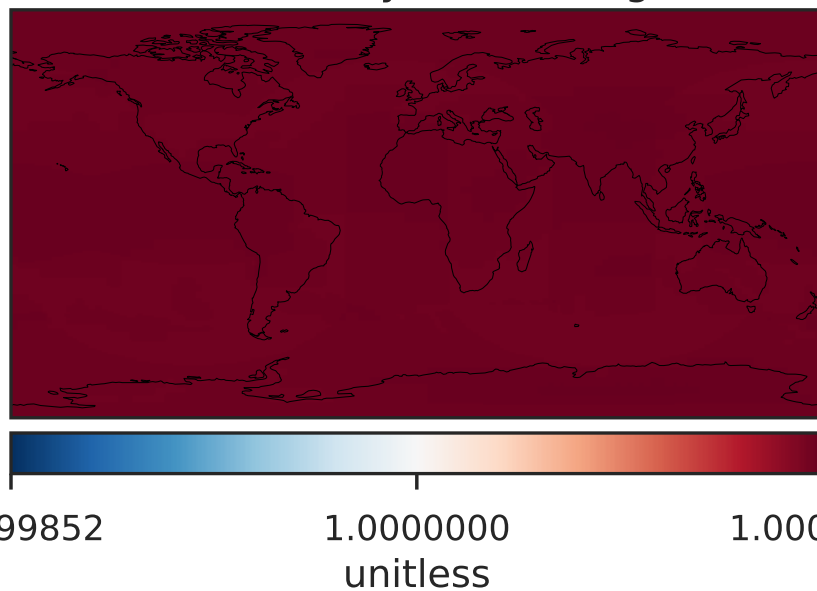
Difference (1x1.25)
Dev - Ref, Dynamic Range



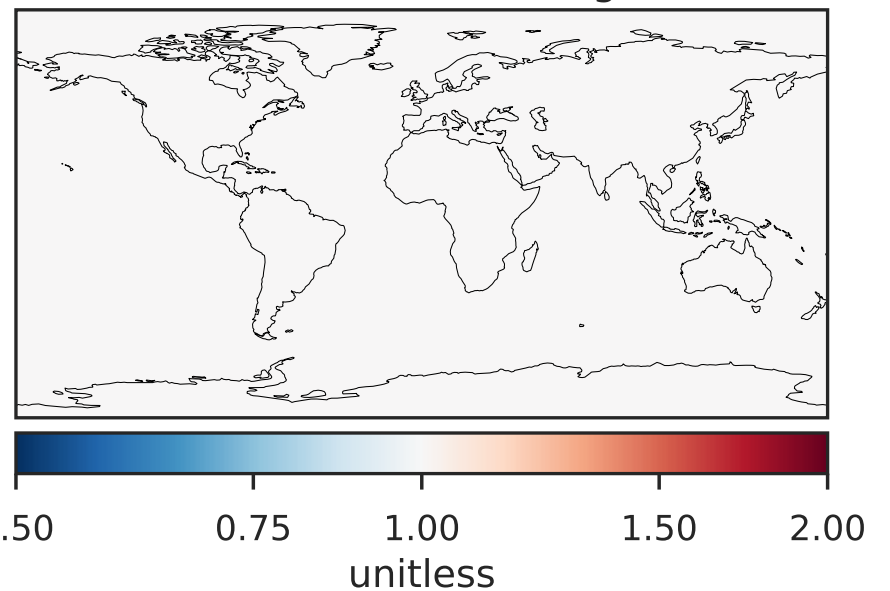
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

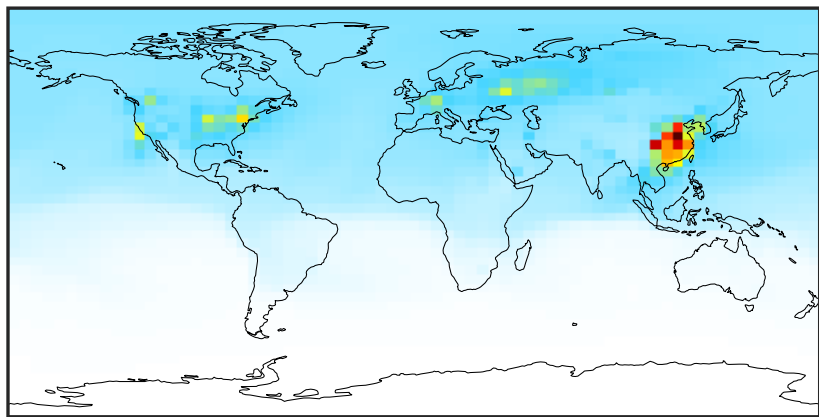


Ratio (1x1.25)
Dev/Ref, Fixed Range



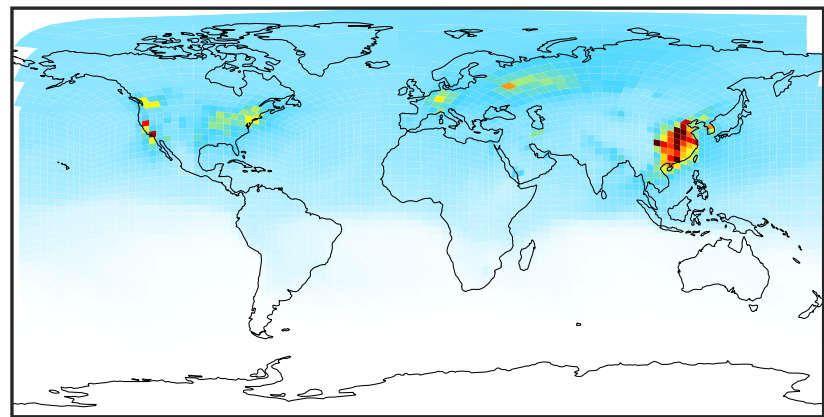
SpeciesConcVV_SF6 (Jan2019)

GCC 14.2.2 (Ref)
4.0x5.0



0.0032 0.0040 0.0048
ppb

GCHP 14.2.2 using wind (Dev)
c30



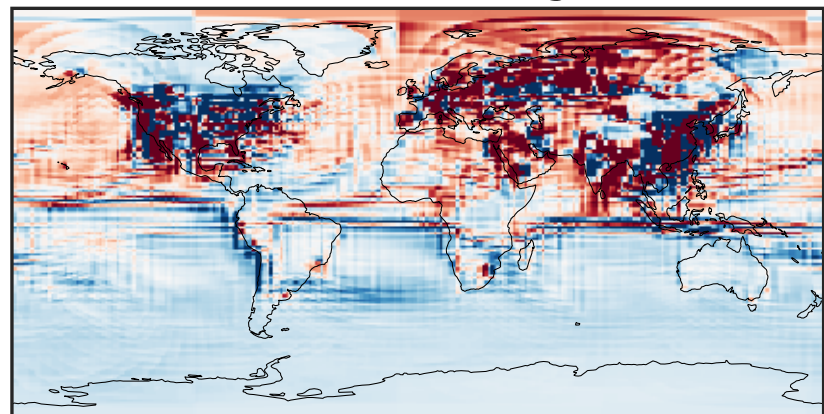
0.0032 0.0040 0.0048
ppb

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



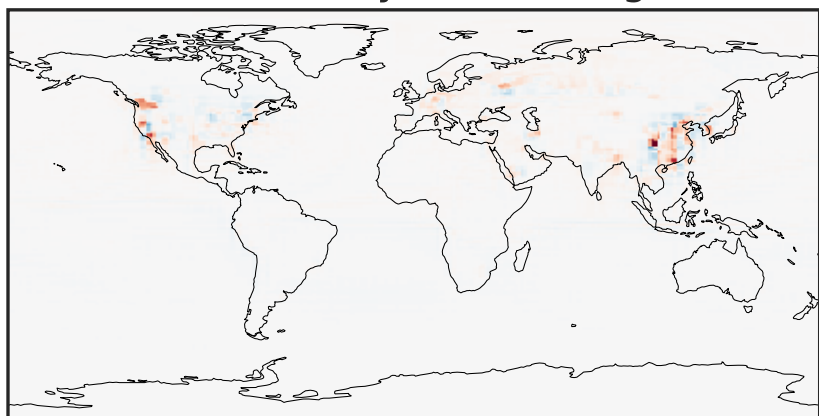
-0.0015 0.0000 0.0015
ppb

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



0.6556 0.8278 1.0000 1.2626 1.5252
unitless

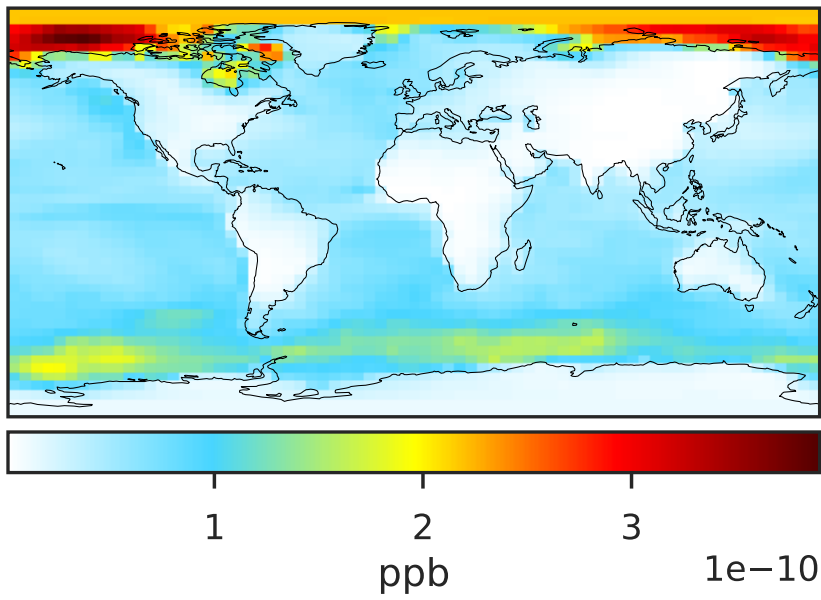
Ratio (1x1.25)
Dev/Ref, Fixed Range



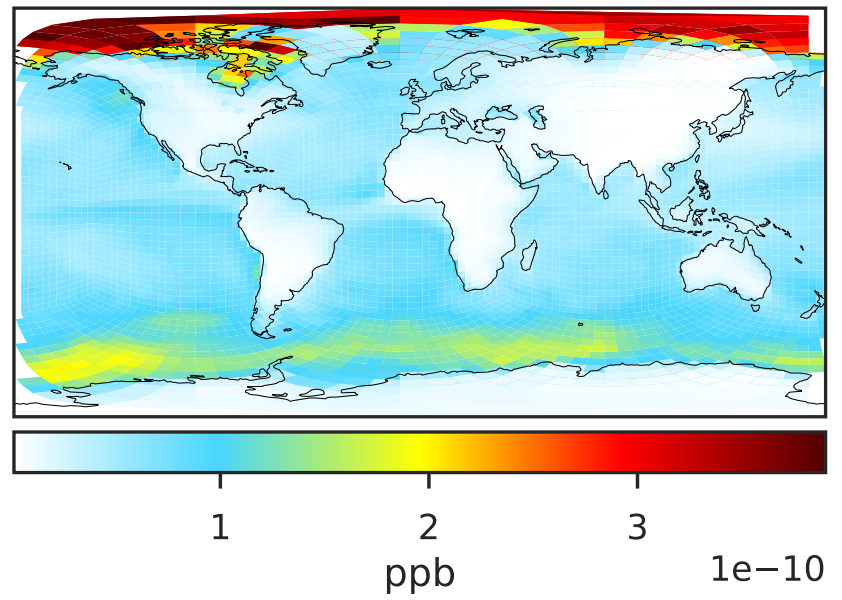
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVW_CH3I (Jan2019)

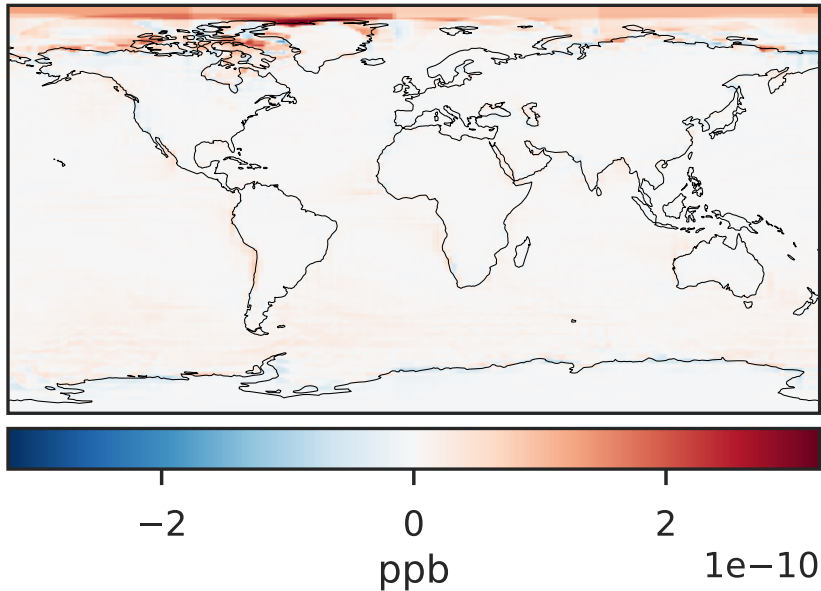
GCC 14.2.2 (Ref)
4.0x5.0



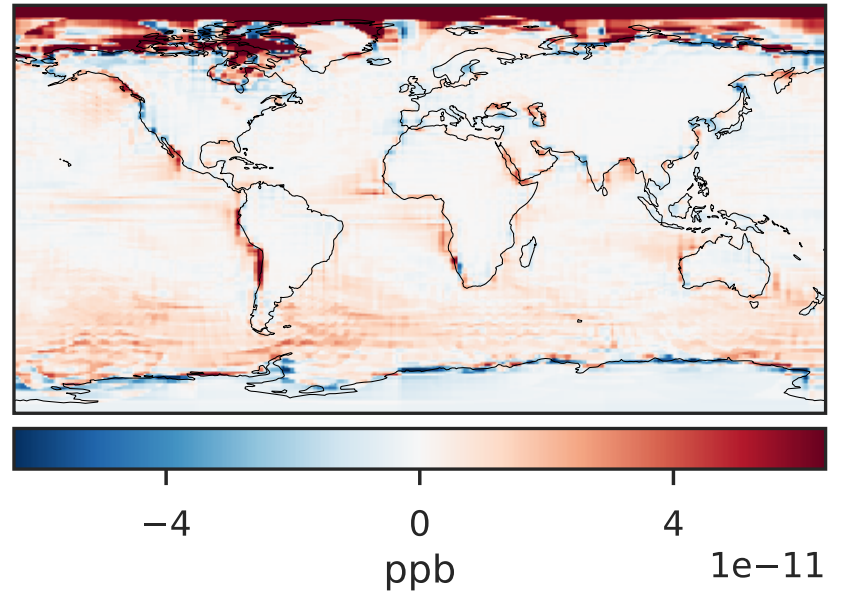
GCHP 14.2.2 using wind (Dev)
c30



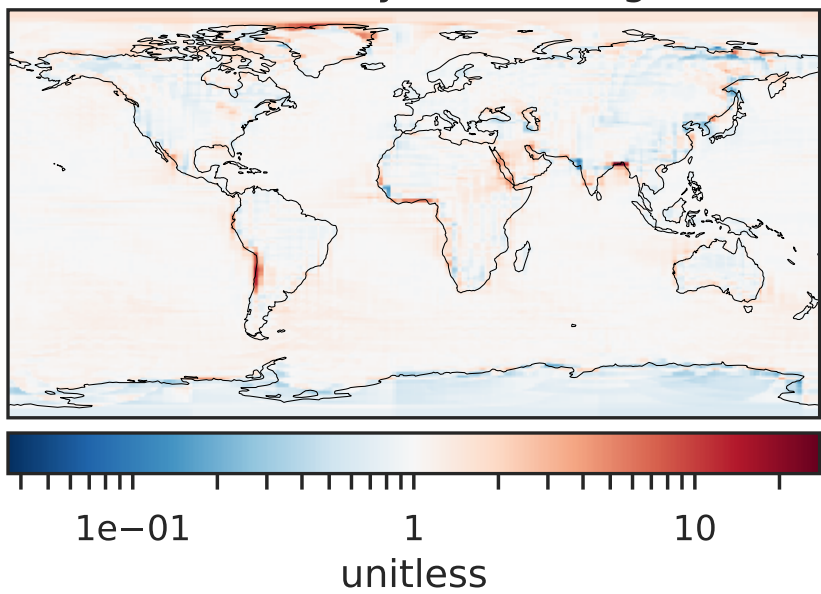
Difference (1x1.25)
Dev - Ref, Dynamic Range



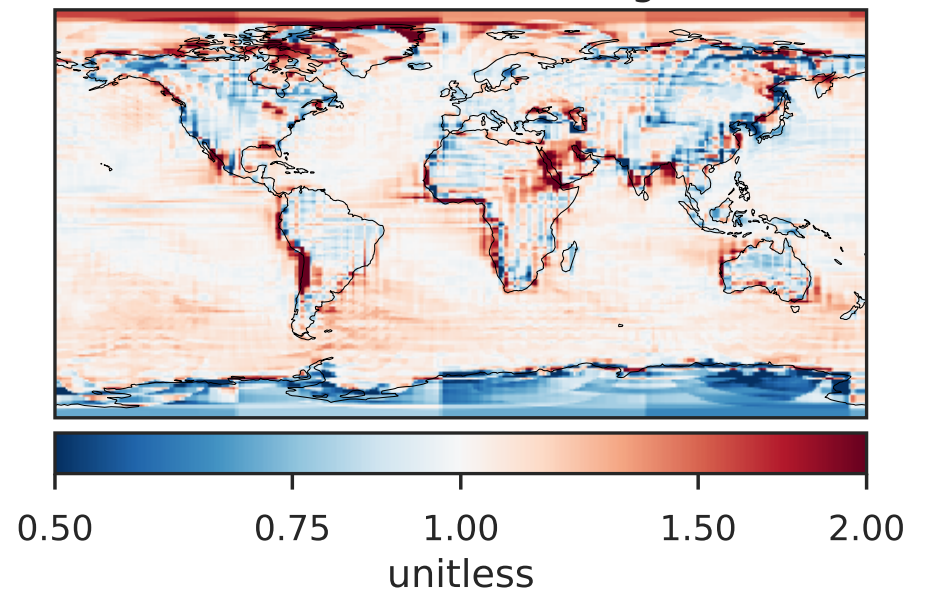
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

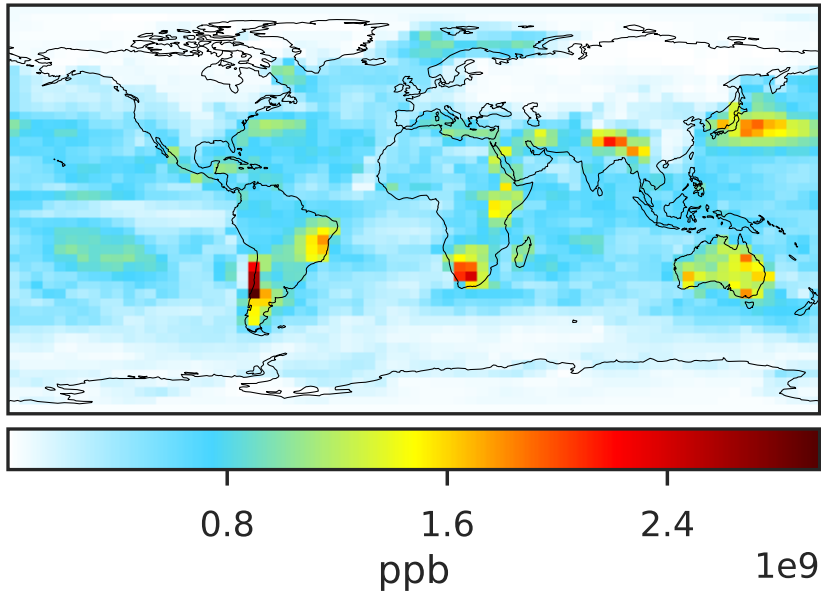


Ratio (1x1.25)
Dev/Ref, Fixed Range

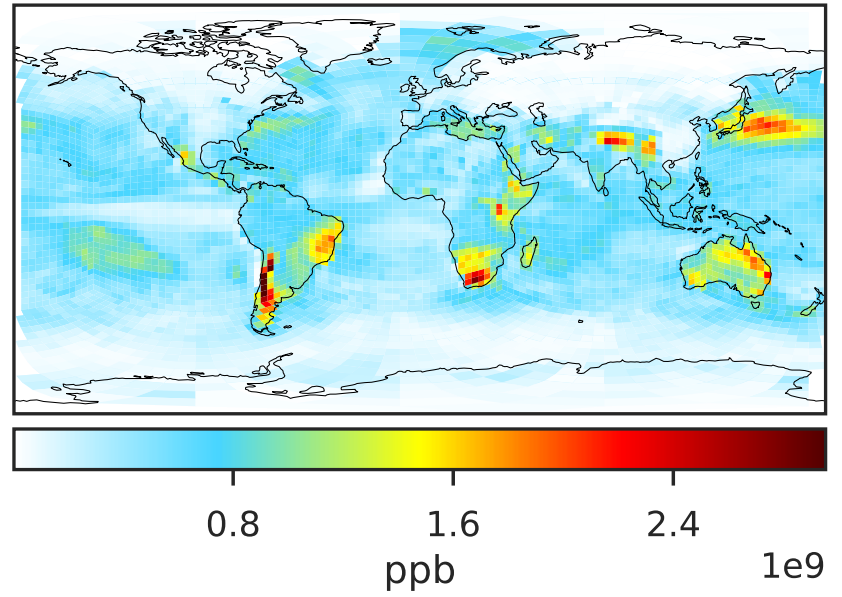


SpeciesConcVV_aoa (Jan2019)

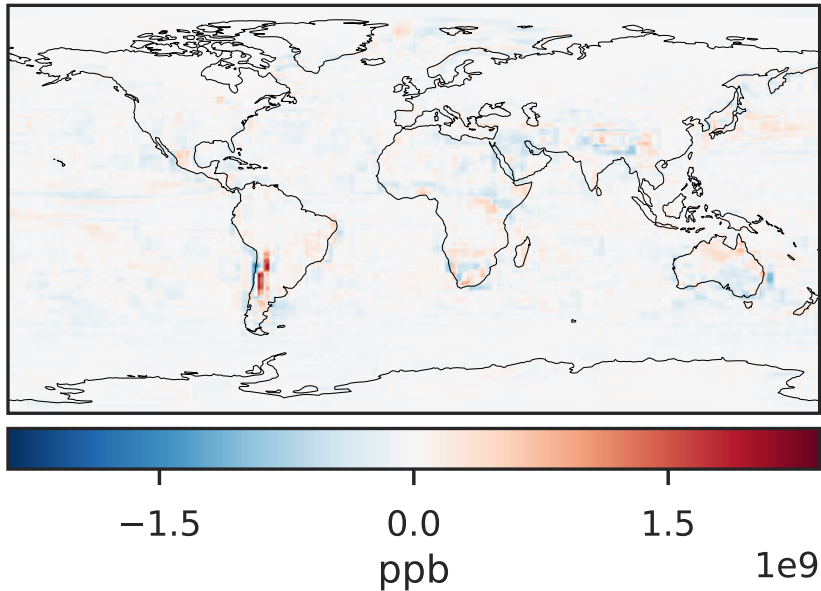
GCC 14.2.2 (Ref)
4.0x5.0



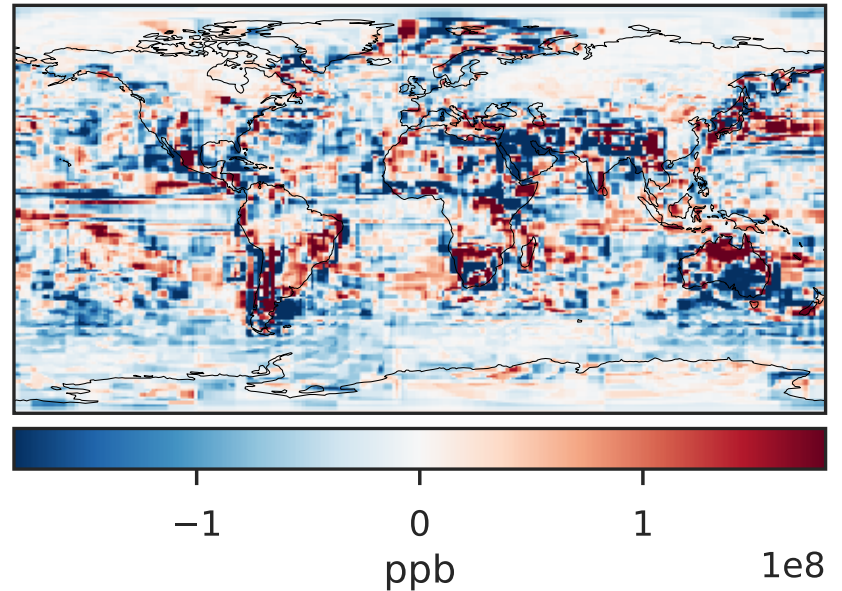
GCHP 14.2.2 using wind (Dev)
c30



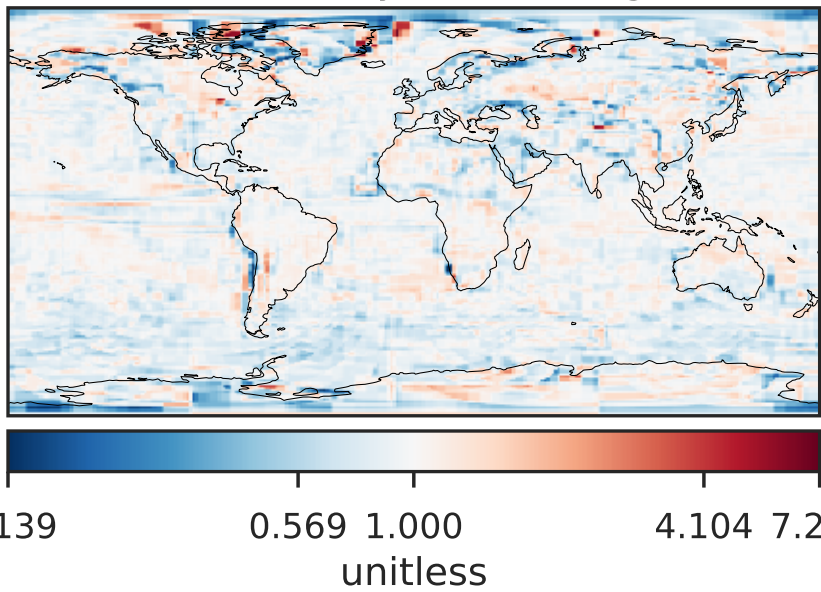
Difference (1x1.25)
Dev - Ref, Dynamic Range



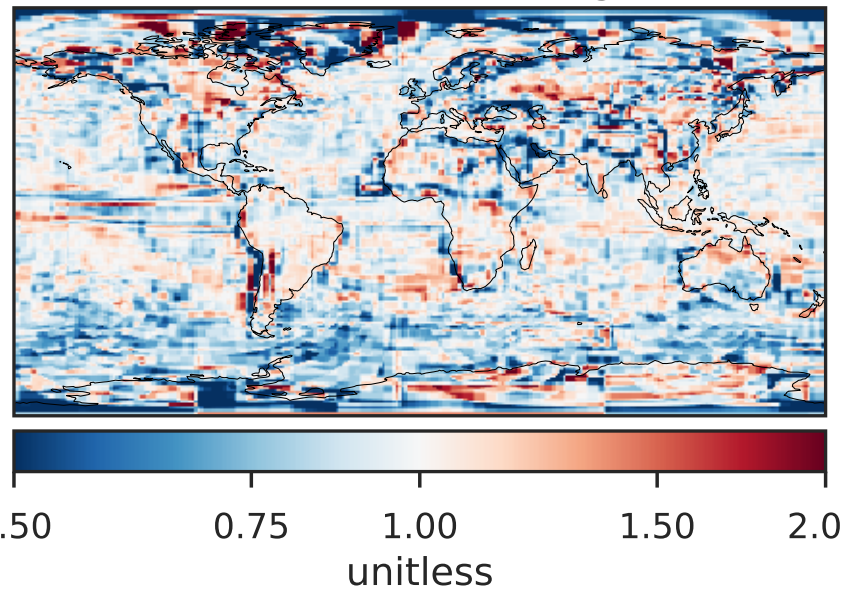
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

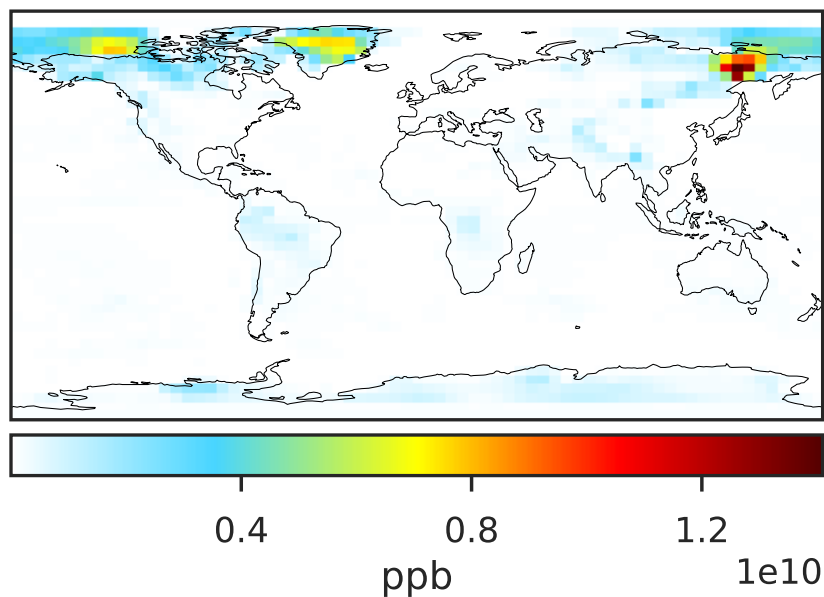


Ratio (1x1.25)
Dev/Ref, Fixed Range

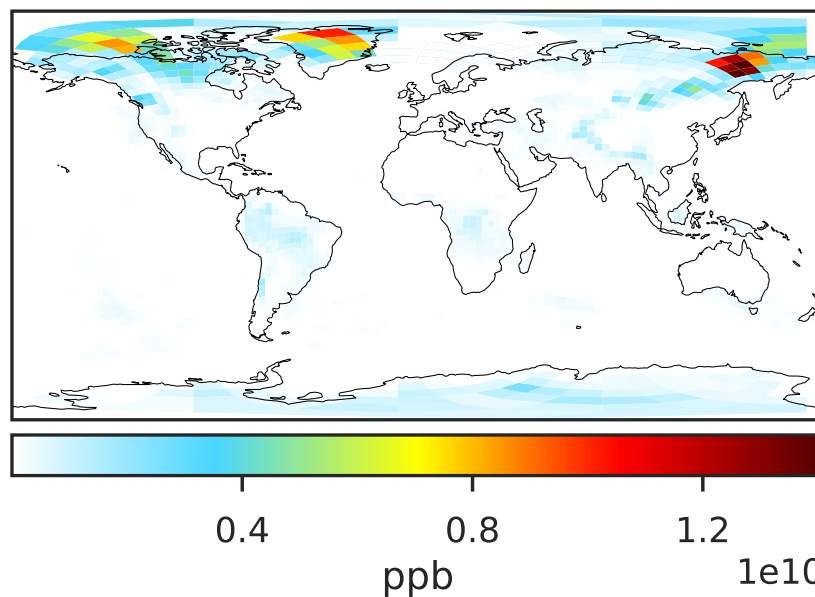


SpeciesConcVV_aoa_bl (Jan2019)

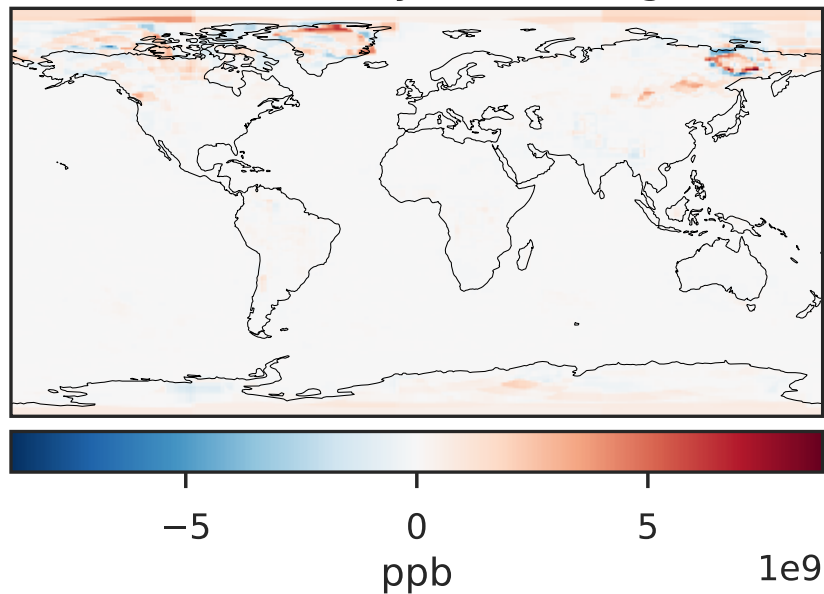
GCC 14.2.2 (Ref)
4.0x5.0



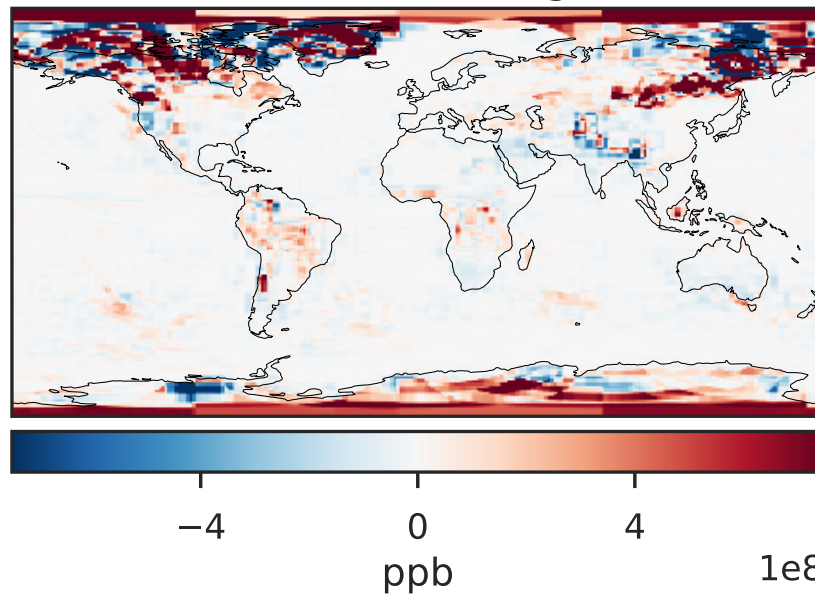
GCHP 14.2.2 using wind (Dev)
c30



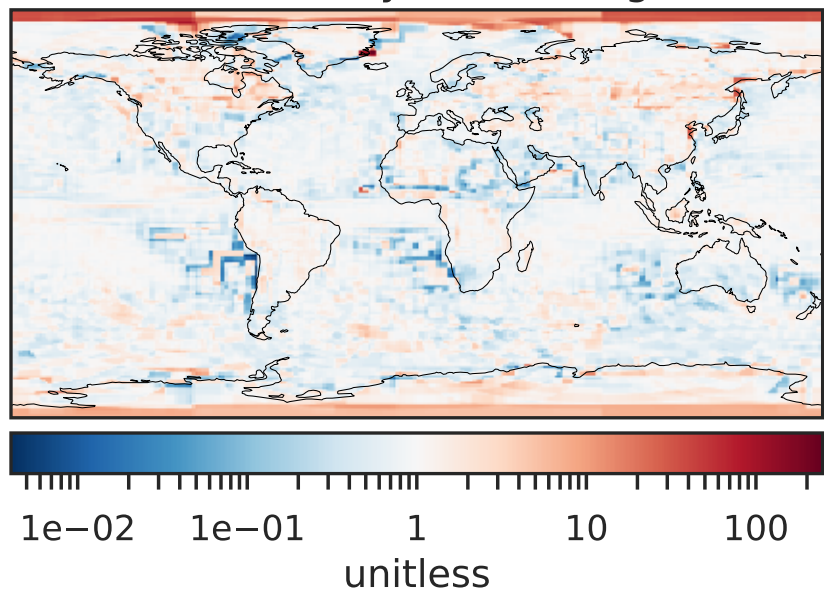
Difference (1x1.25)
Dev - Ref, Dynamic Range



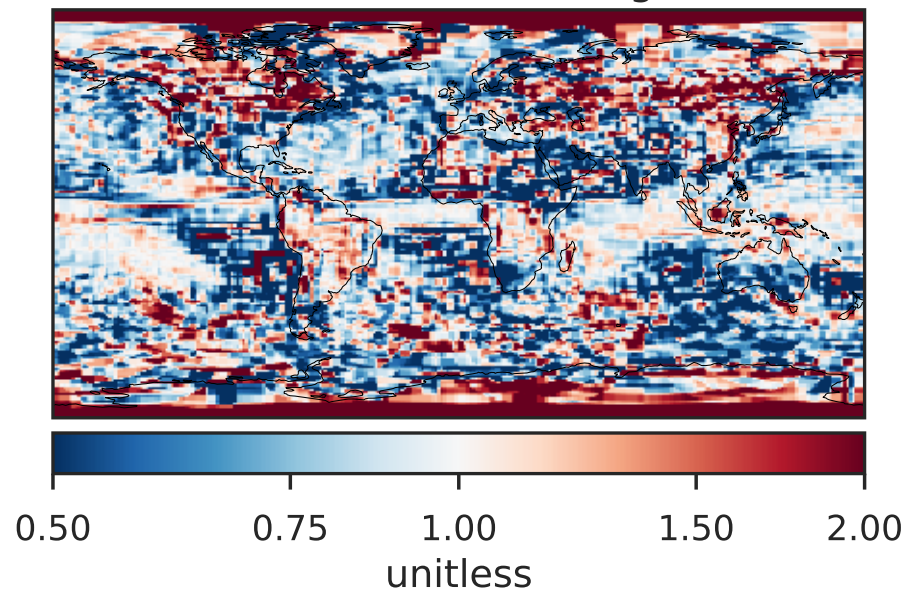
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

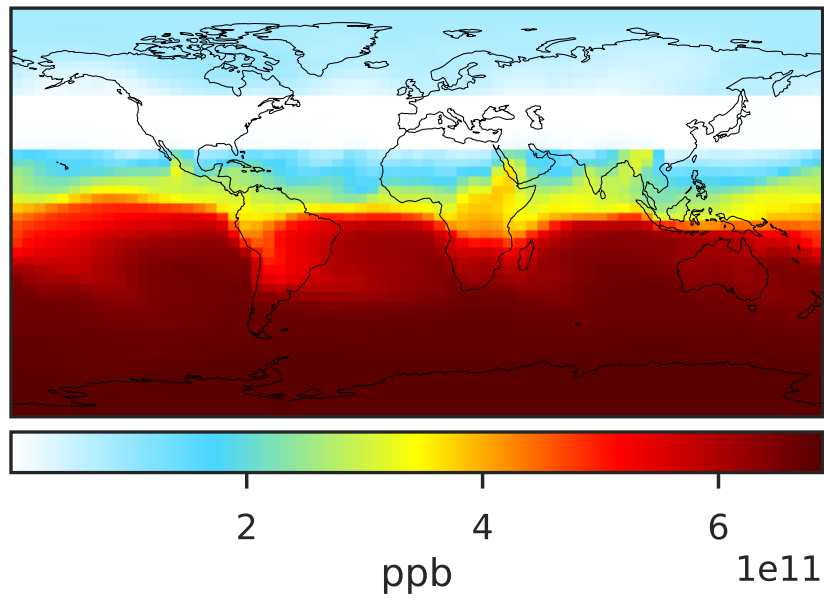


Ratio (1x1.25)
Dev/Ref, Fixed Range

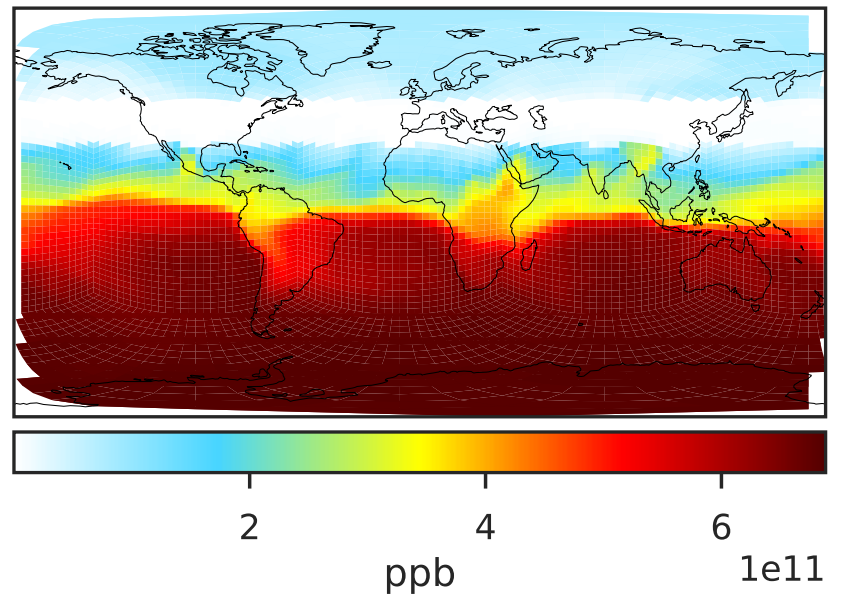


SpeciesConcVV_aoa_nh (Jan2019)

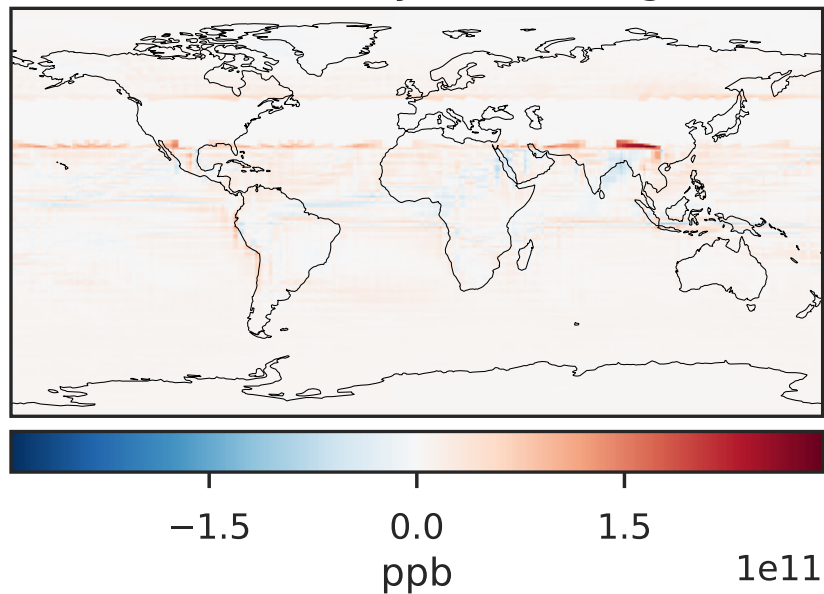
GCC 14.2.2 (Ref)
4.0x5.0



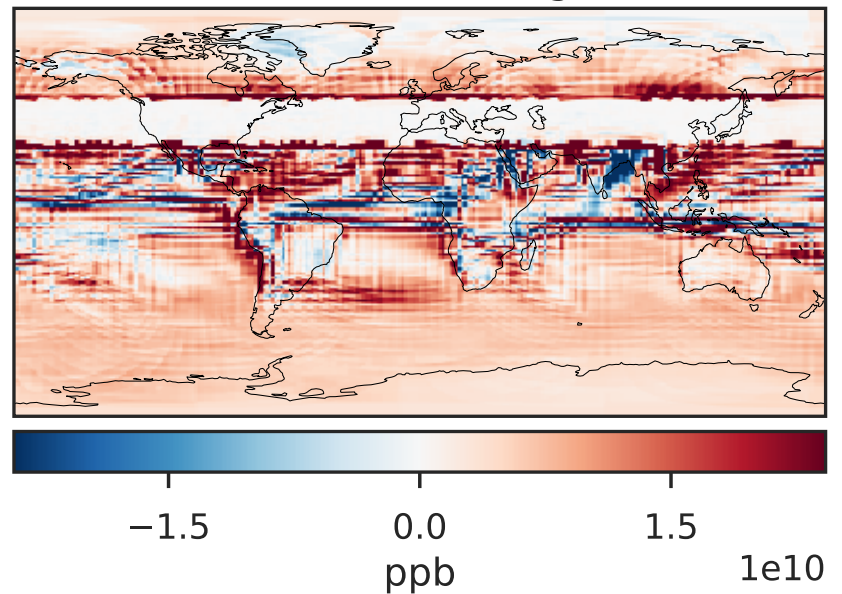
GCHP 14.2.2 using wind (Dev)
c30



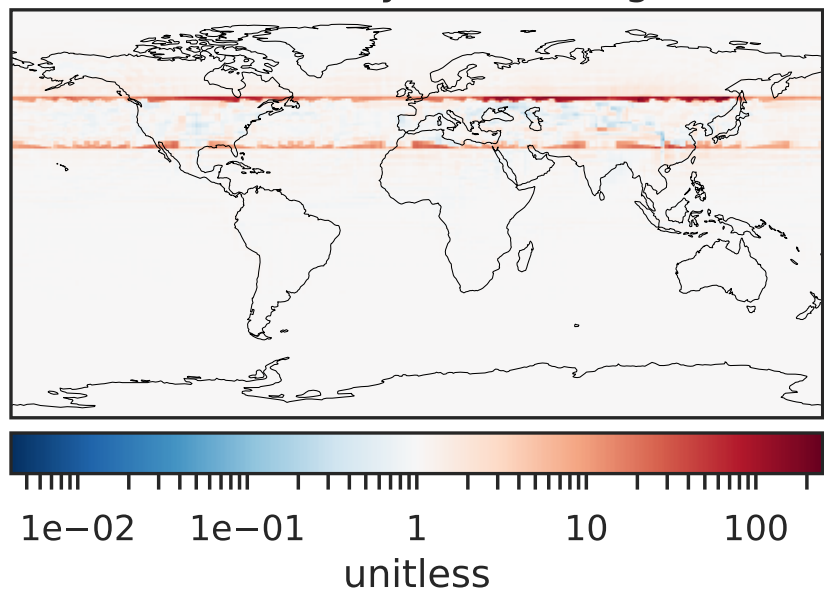
Difference (1x1.25)
Dev - Ref, Dynamic Range



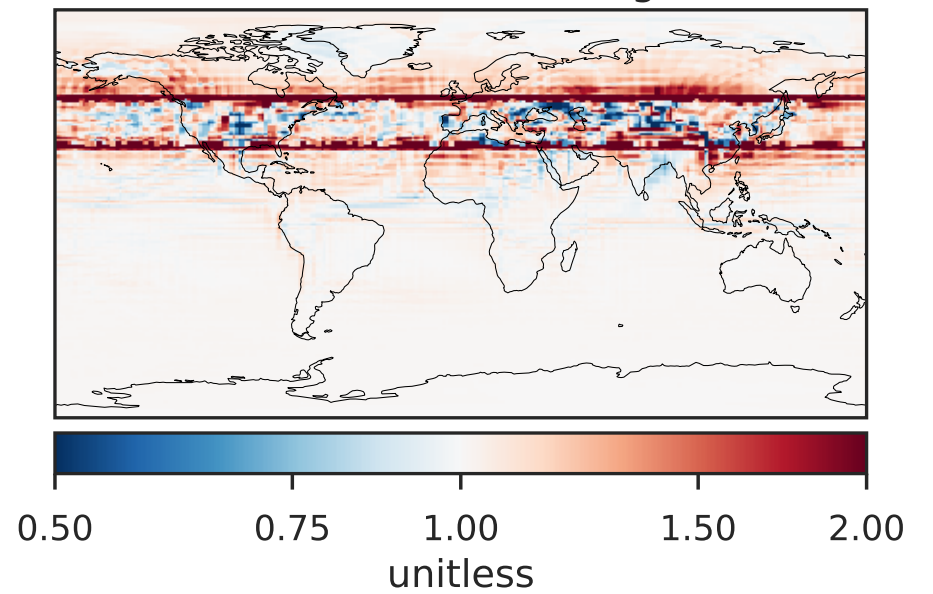
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

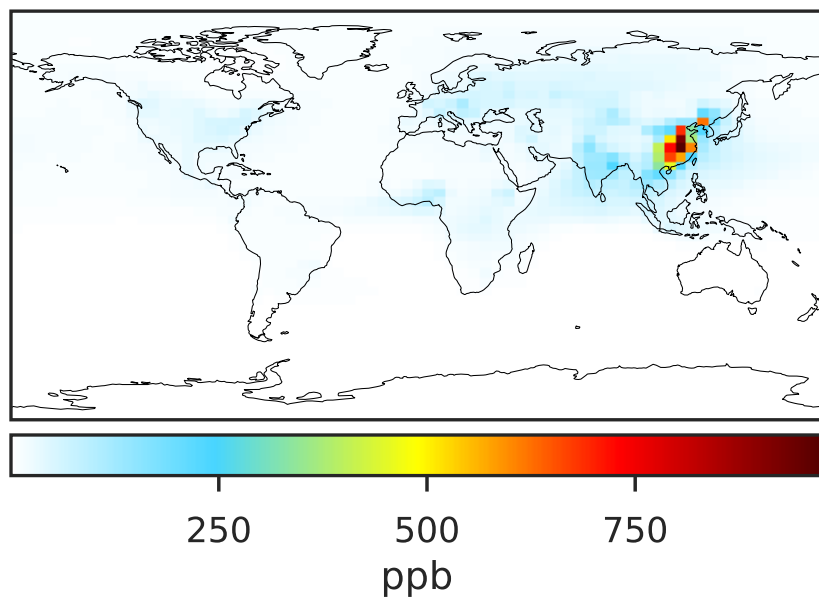


Ratio (1x1.25)
Dev/Ref, Fixed Range

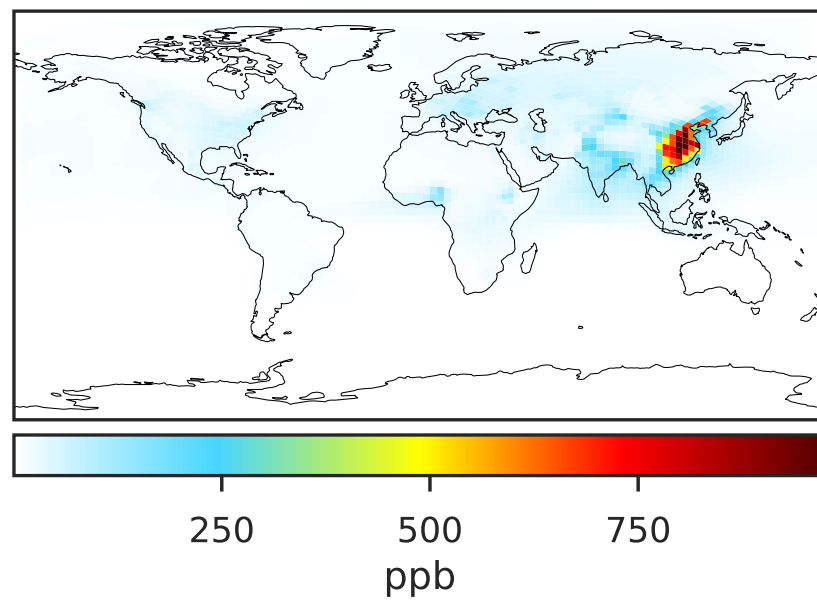


SpeciesConcVV_CO_25 (Jan2019)

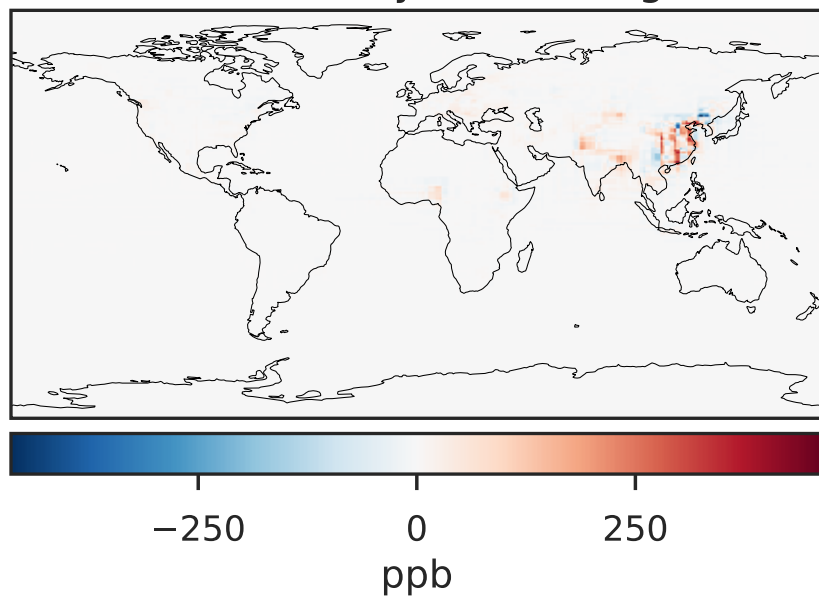
GCC 14.2.2 (Ref)
4.0x5.0



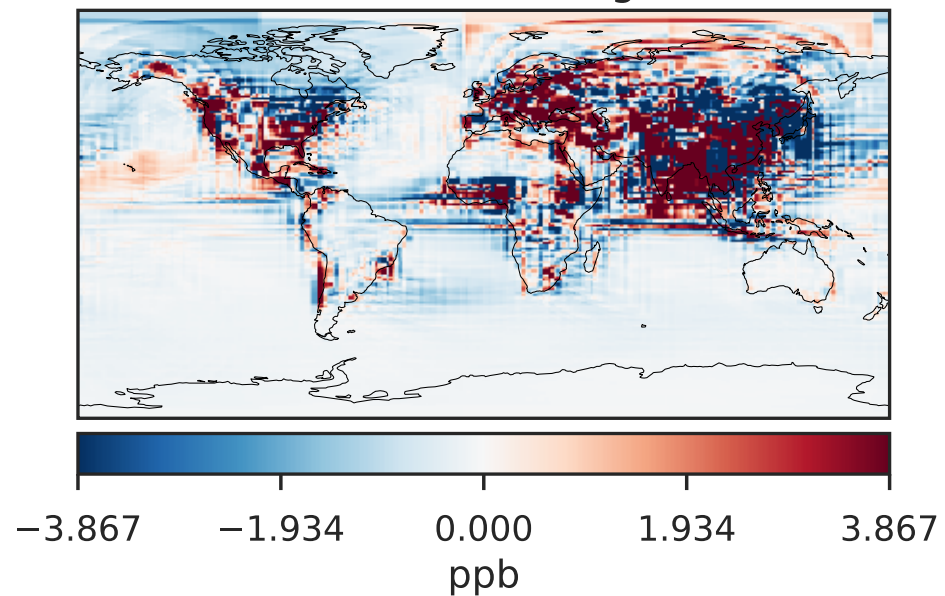
GCHP 14.2.2 using wind (Dev)
c30



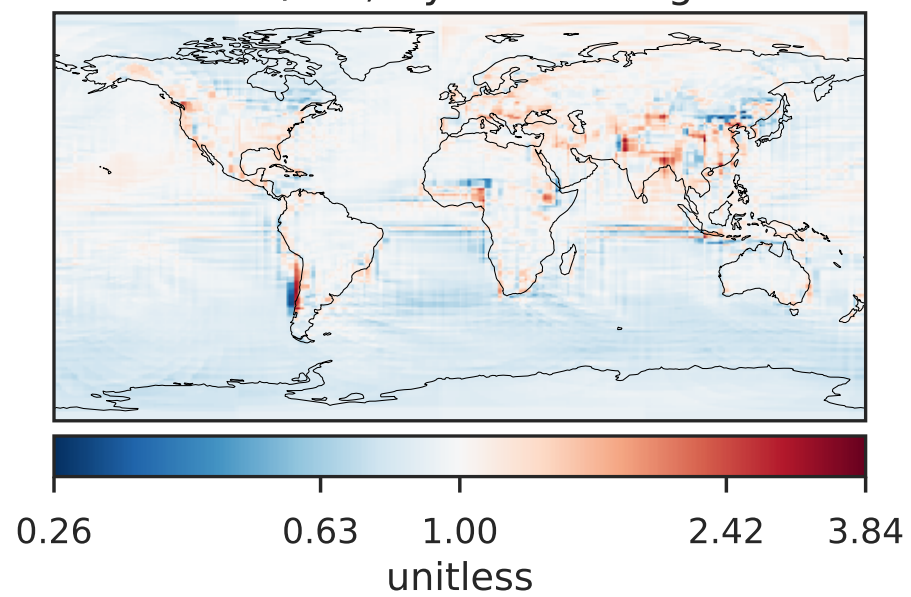
Difference (1x1.25)
Dev - Ref, Dynamic Range



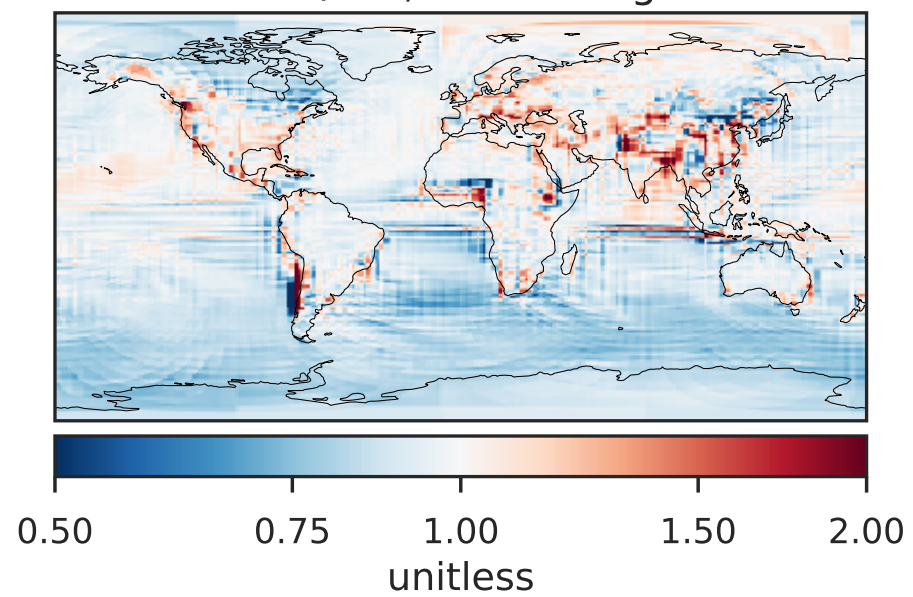
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

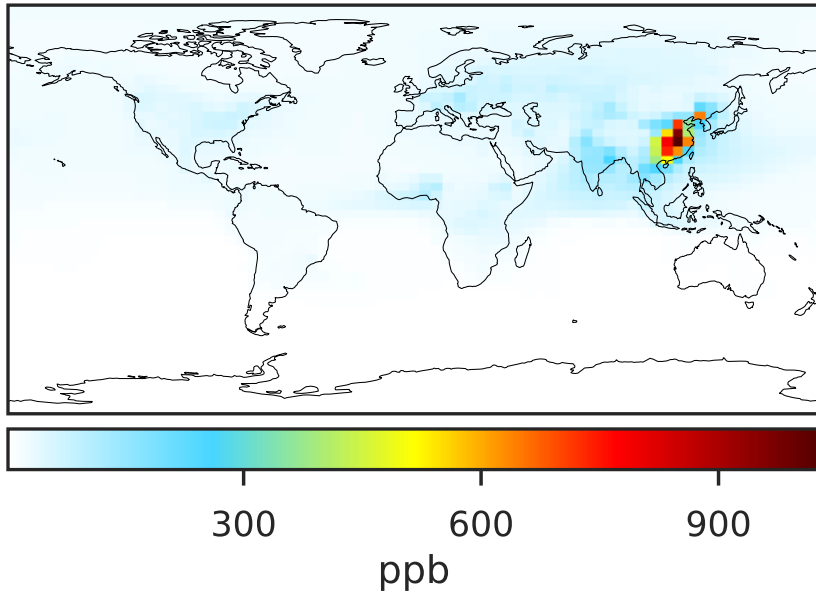


Ratio (1x1.25)
Dev/Ref, Fixed Range

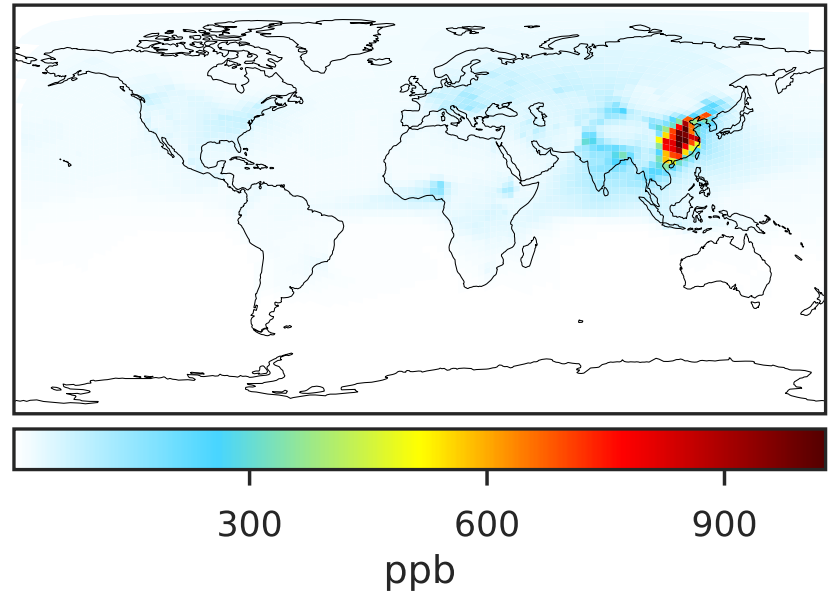


SpeciesConcVV_CO_50 (Jan2019)

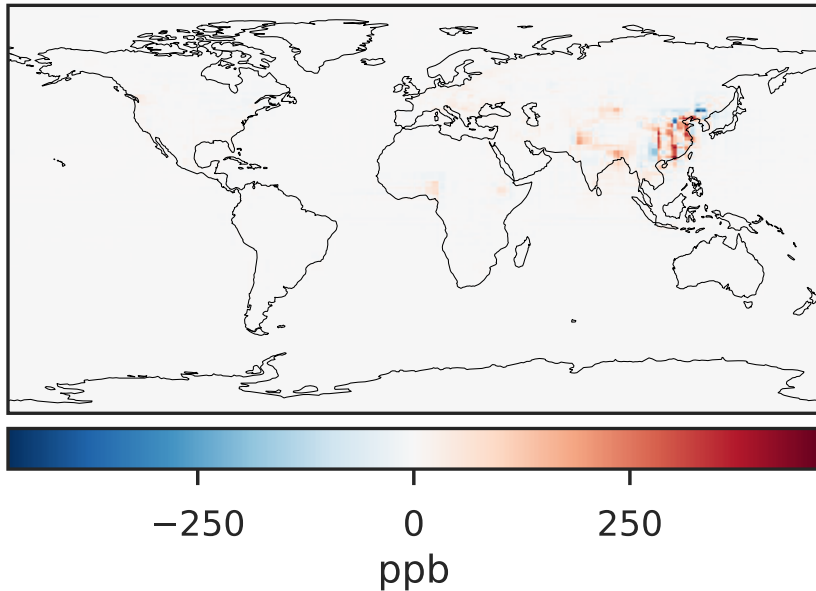
GCC 14.2.2 (Ref)
4.0x5.0



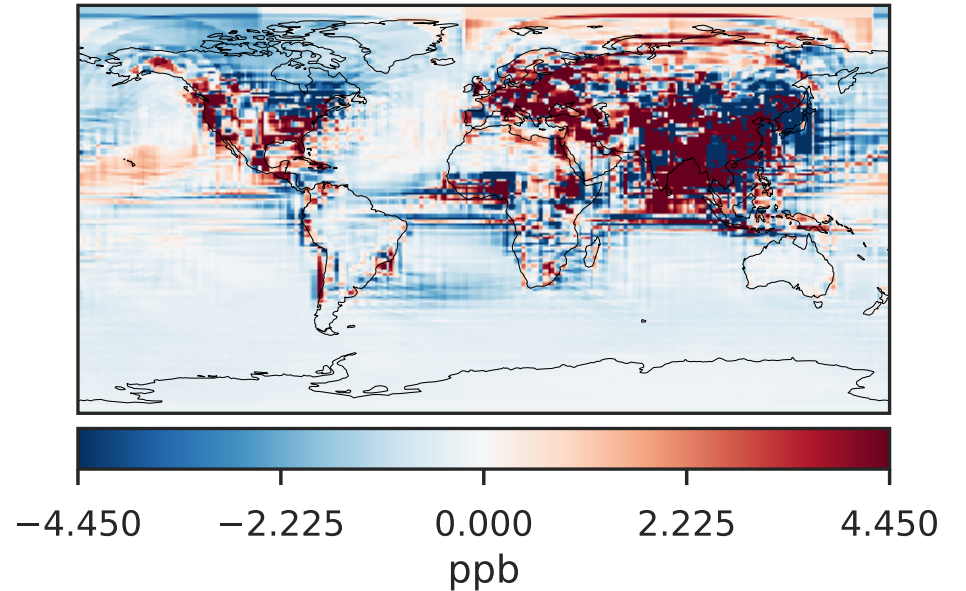
GCHP 14.2.2 using wind (Dev)
c30



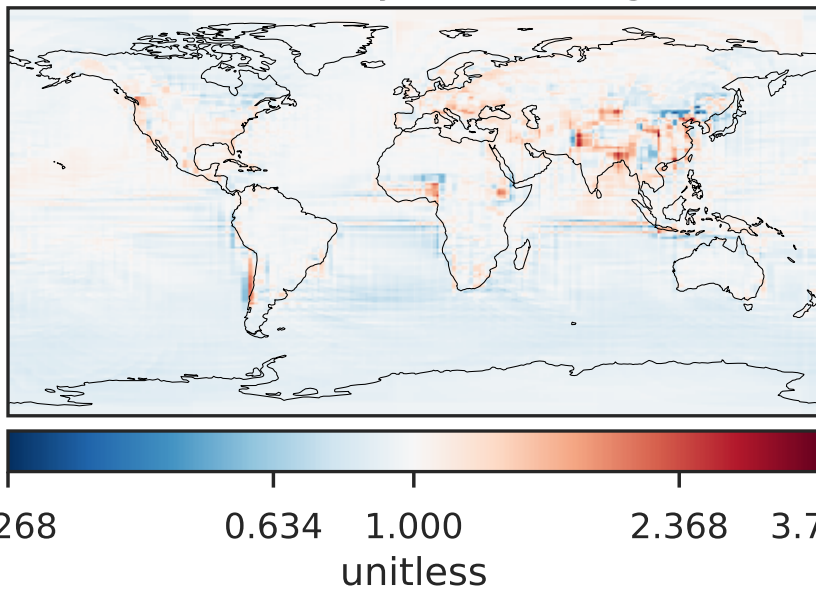
Difference (1x1.25)
Dev - Ref, Dynamic Range



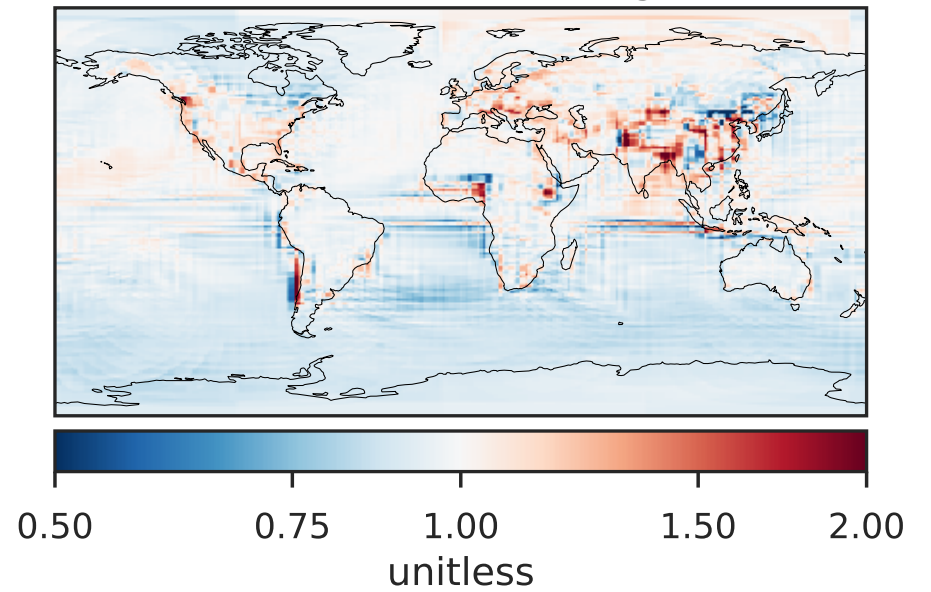
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

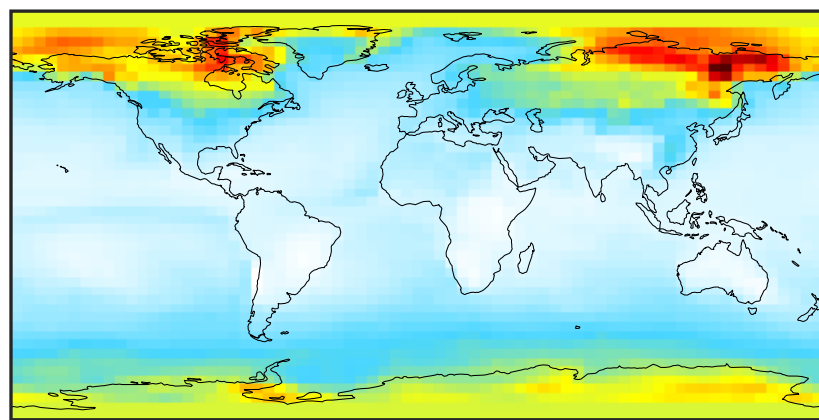


Ratio (1x1.25)
Dev/Ref, Fixed Range



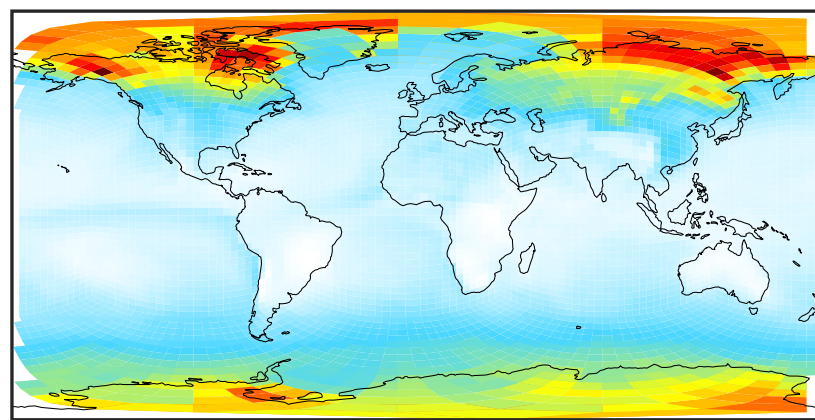
SpeciesConcVW_e90 (Jan2019)

GCC 14.2.2 (Ref)
4.0x5.0



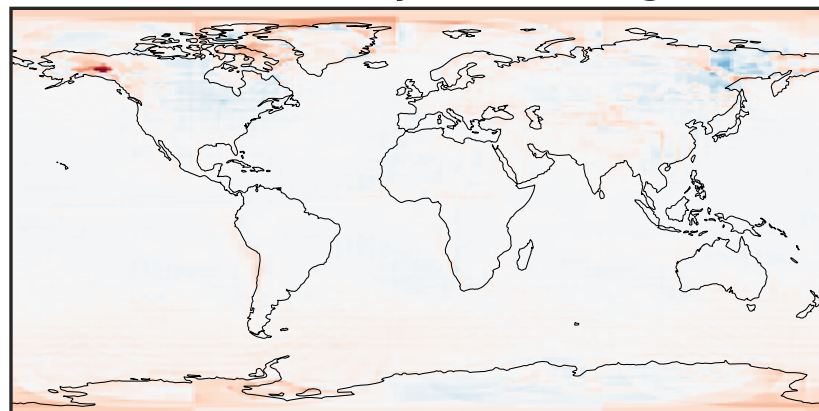
120 180 240
ppb

GCHP 14.2.2 using wind (Dev)
c30



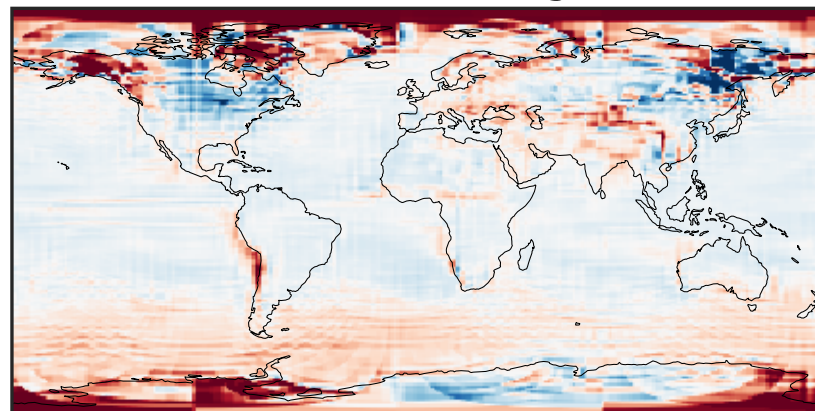
120 180 240
ppb

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



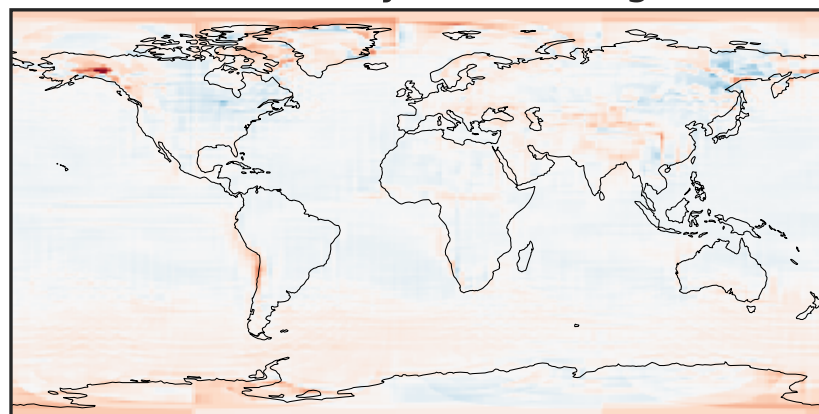
-80 0 80
ppb

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



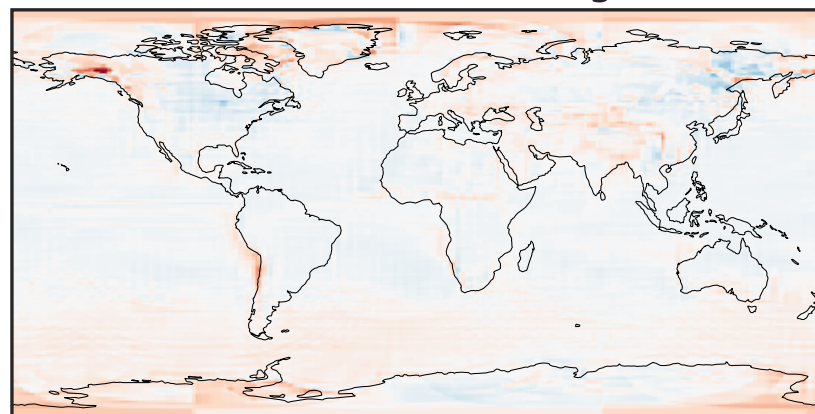
-25.2 -12.6 0.0 12.6 25.2
ppb

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



0.506 0.753 1.000 1.488 1.976
unitless

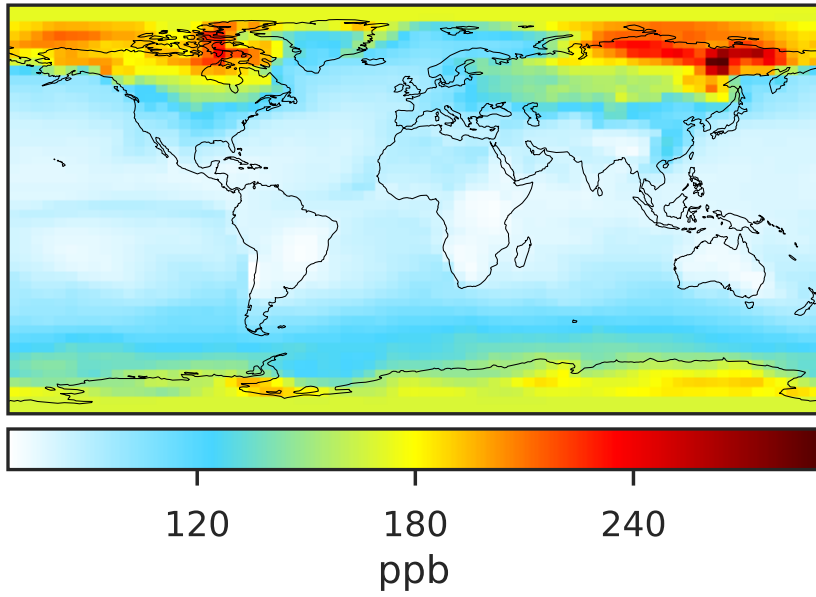
Ratio (1x1.25)
Dev/Ref, Fixed Range



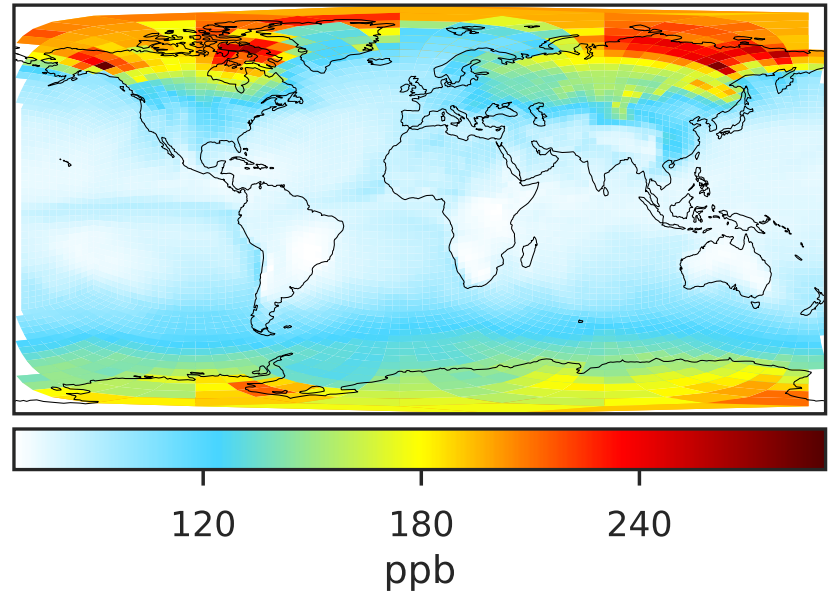
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_e90_n (Jan2019)

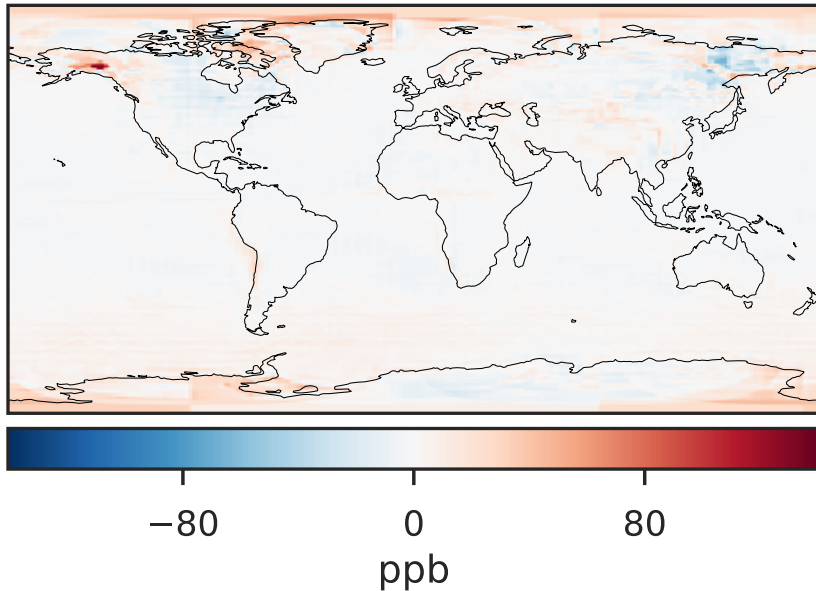
GCC 14.2.2 (Ref)
4.0x5.0



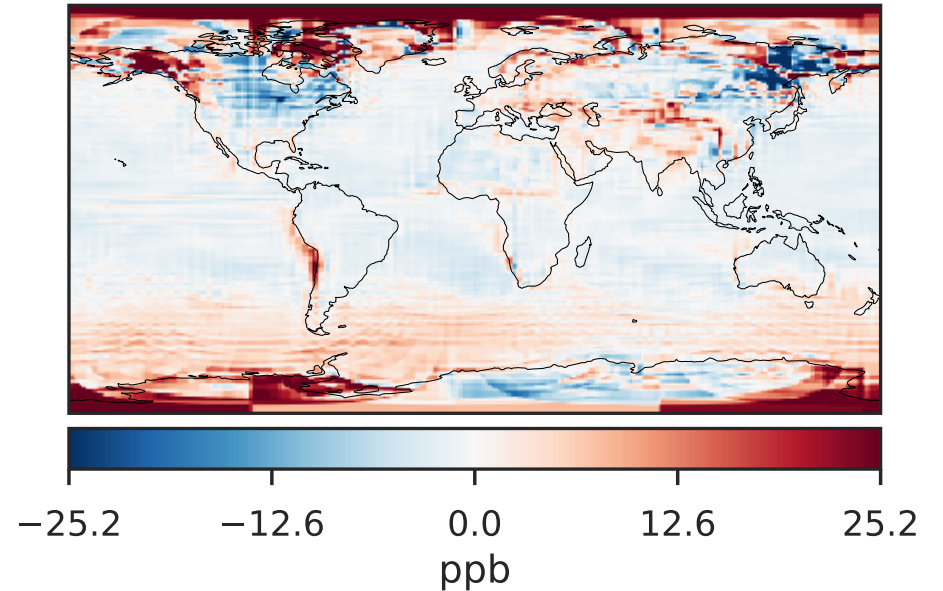
GCHP 14.2.2 using wind (Dev)
c30



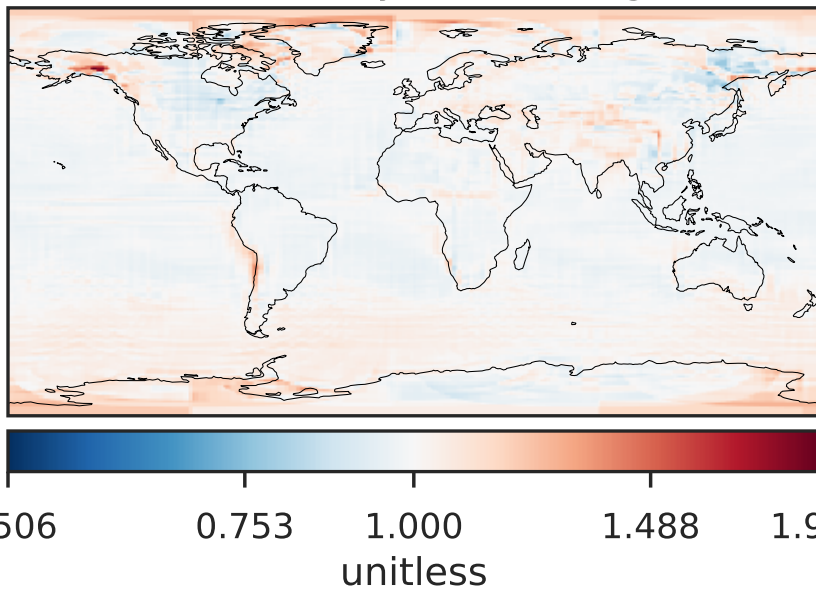
Difference (1x1.25)
Dev - Ref, Dynamic Range



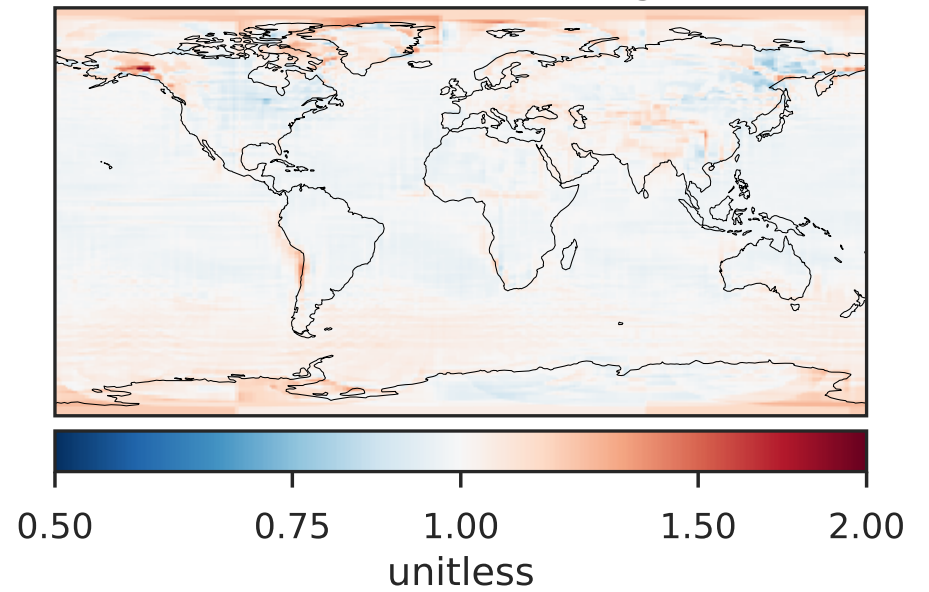
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

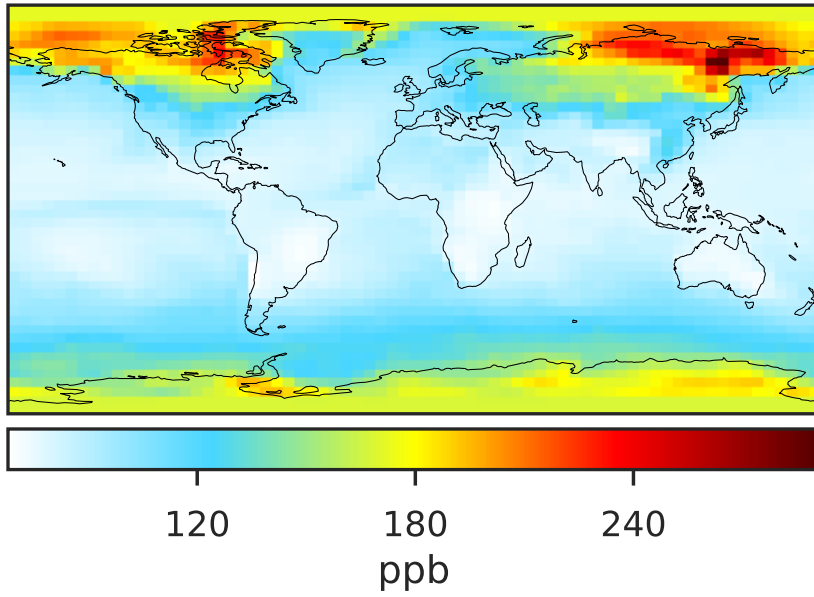


Ratio (1x1.25)
Dev/Ref, Fixed Range

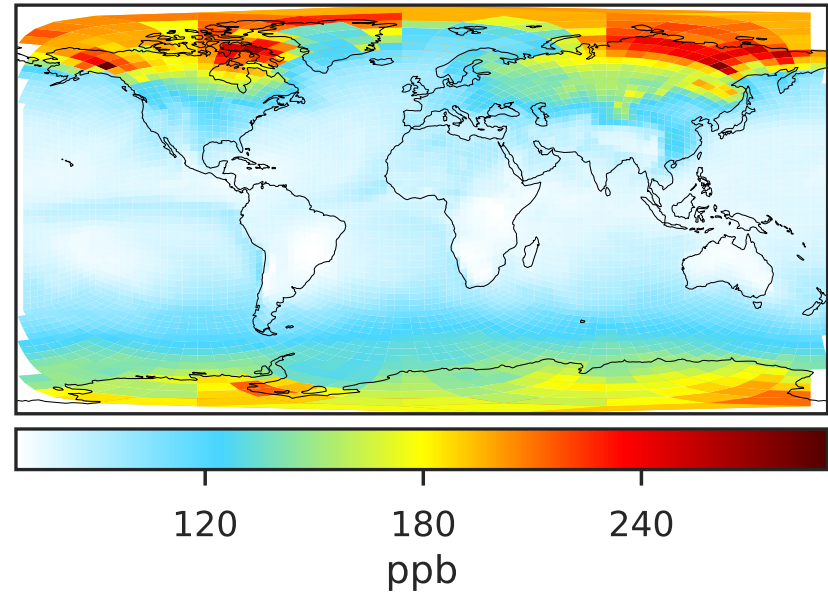


SpeciesConcVV_e90_s (Jan2019)

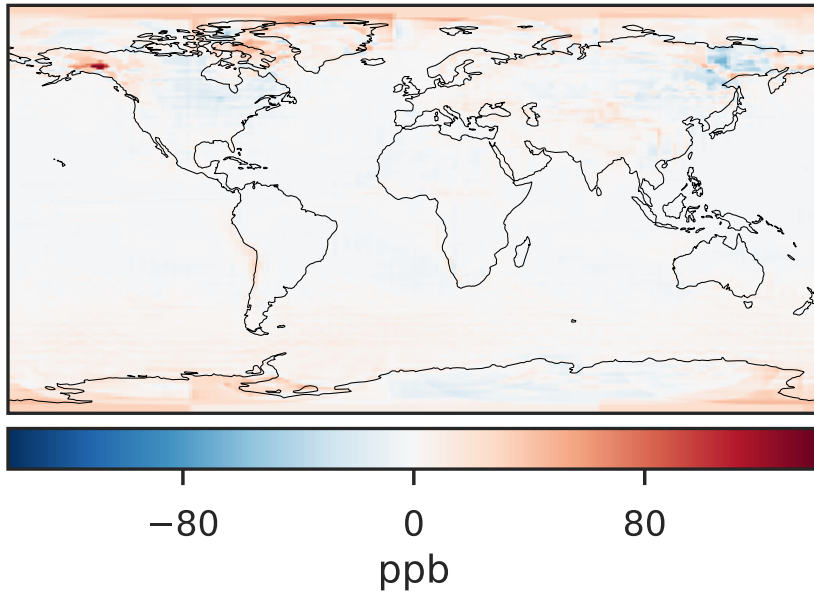
GCC 14.2.2 (Ref)
4.0x5.0



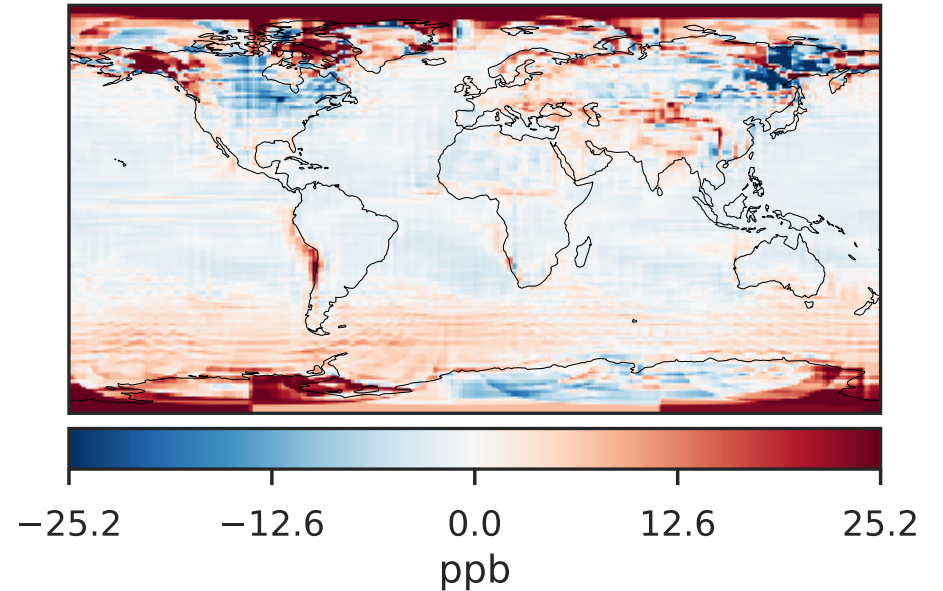
GCHP 14.2.2 using wind (Dev)
c30



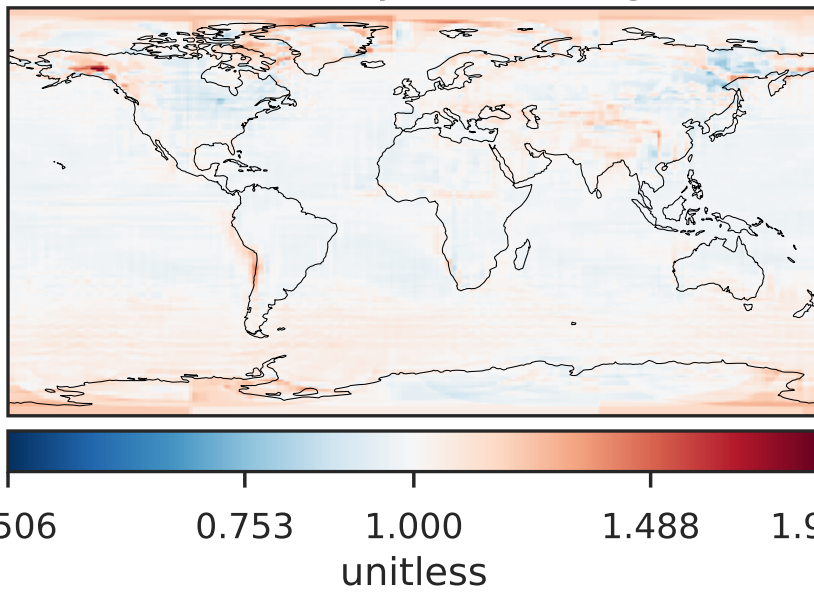
Difference (1x1.25)
Dev - Ref, Dynamic Range



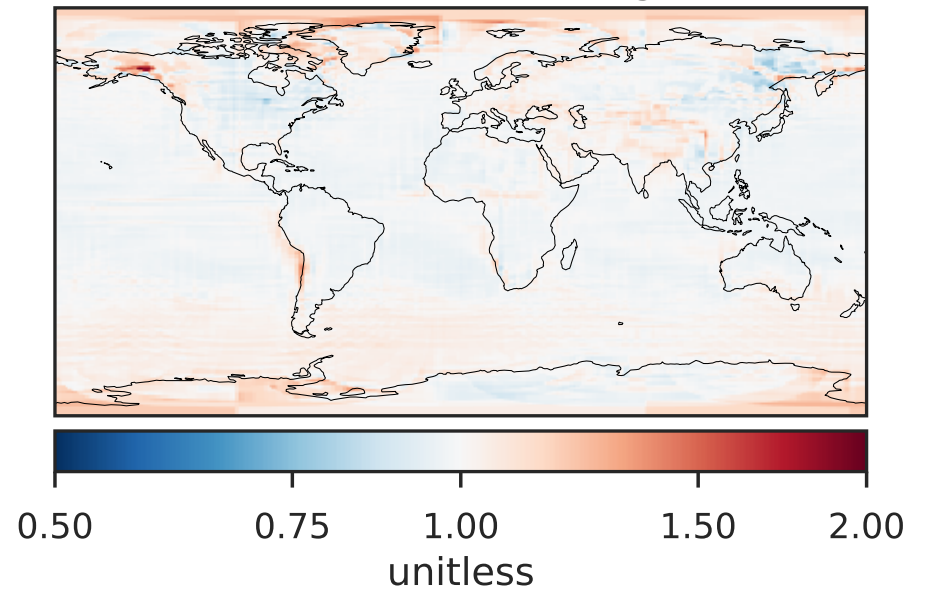
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

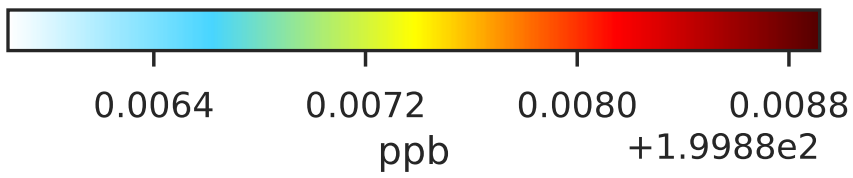
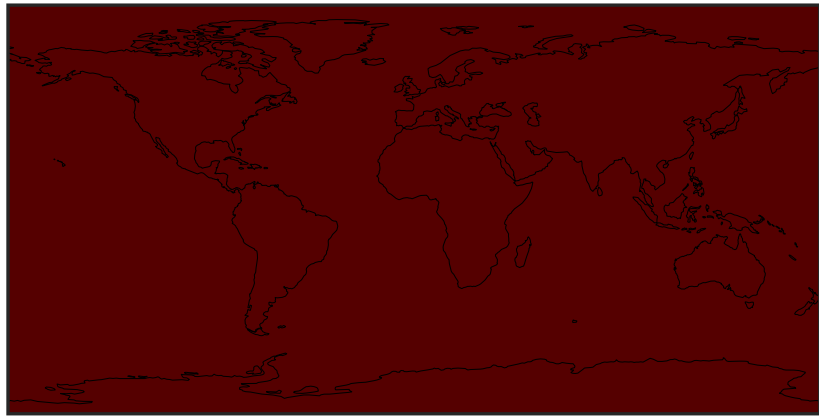


Ratio (1x1.25)
Dev/Ref, Fixed Range

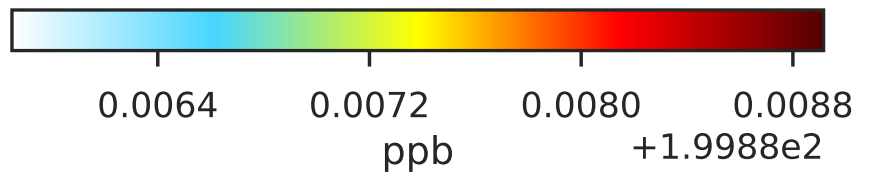


SpeciesConcVV_st80_25 (Jan2019)

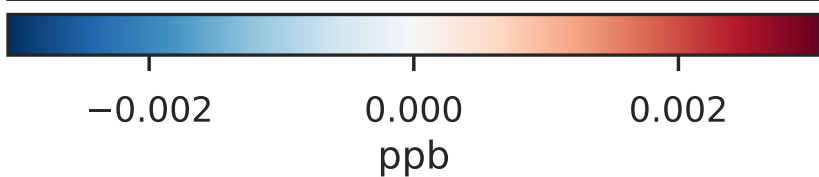
GCC 14.2.2 (Ref)
4.0x5.0



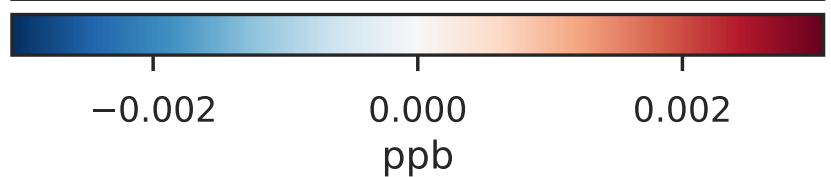
GCHP 14.2.2 using wind (Dev)
c30



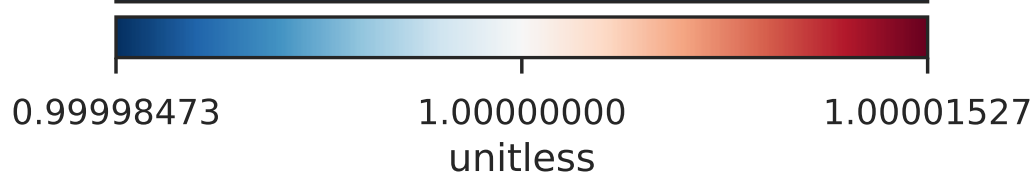
Difference (1x1.25)
Dev - Ref, Dynamic Range



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



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



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

