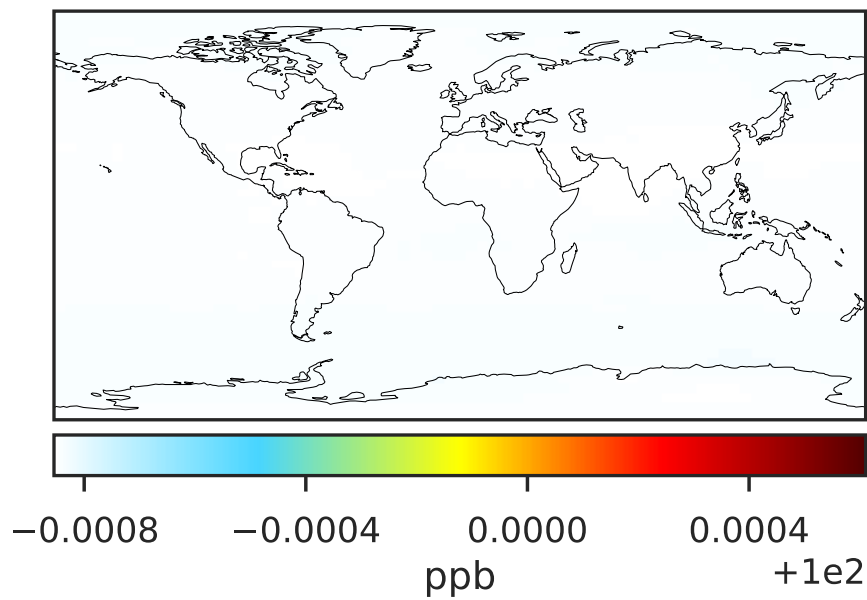
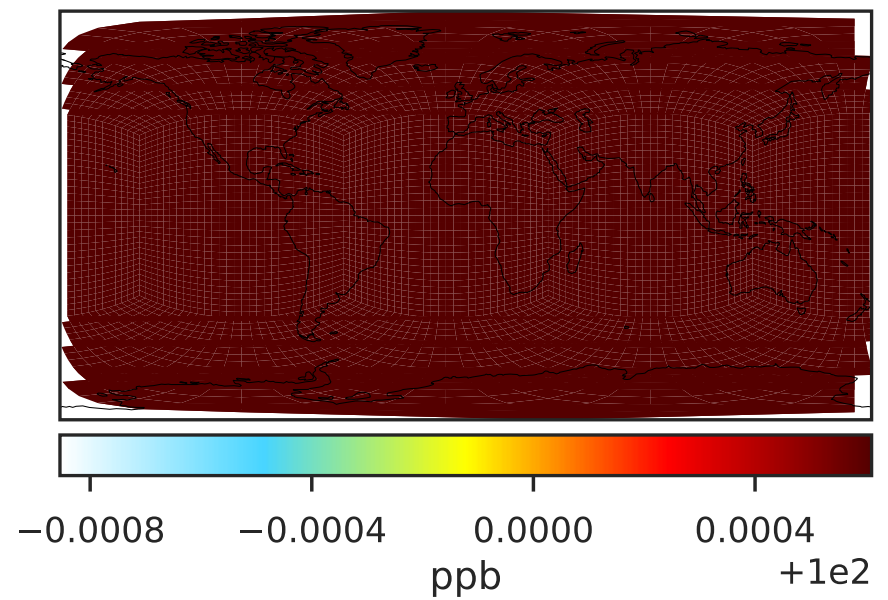


SpeciesConcVV_PassiveTracer (Jan2019)

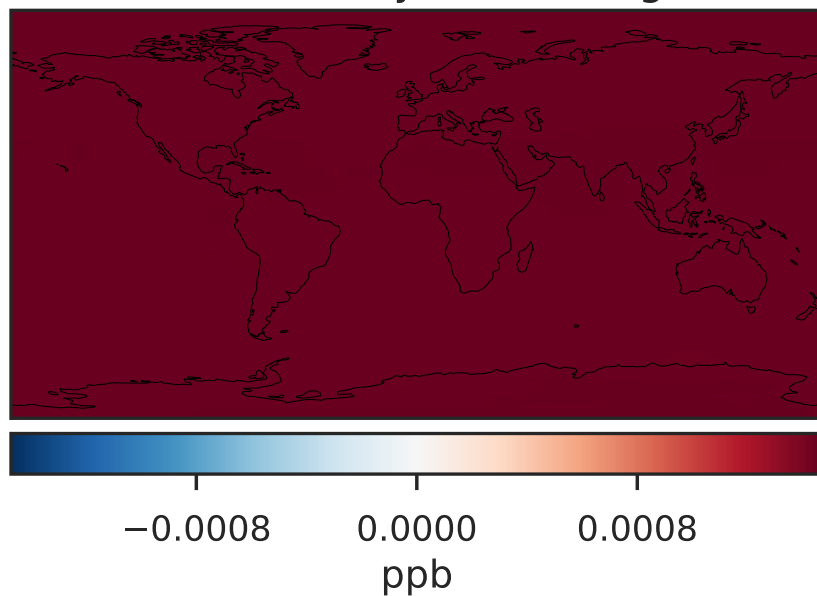
GCC 14.2.2 (Ref)
4.0x5.0



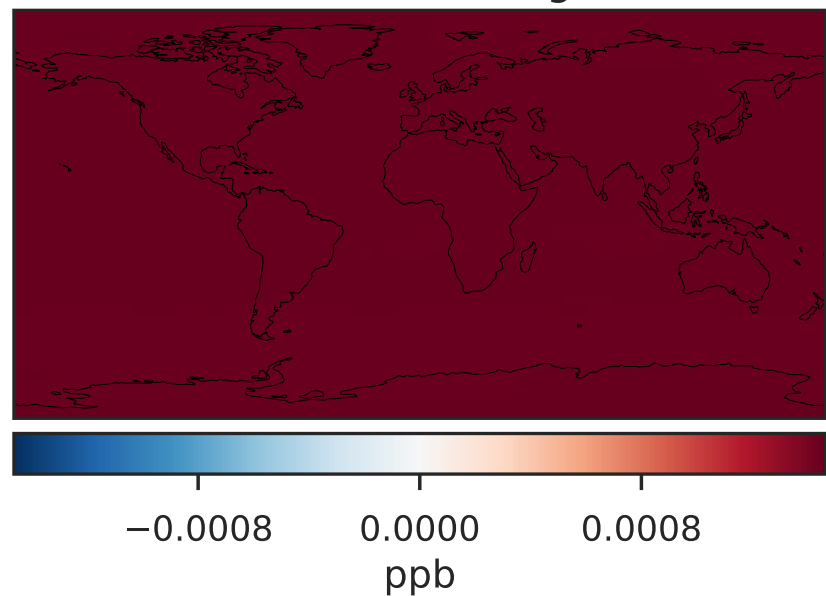
GCHP 14.2.2 using mass flux (Dev)
c30



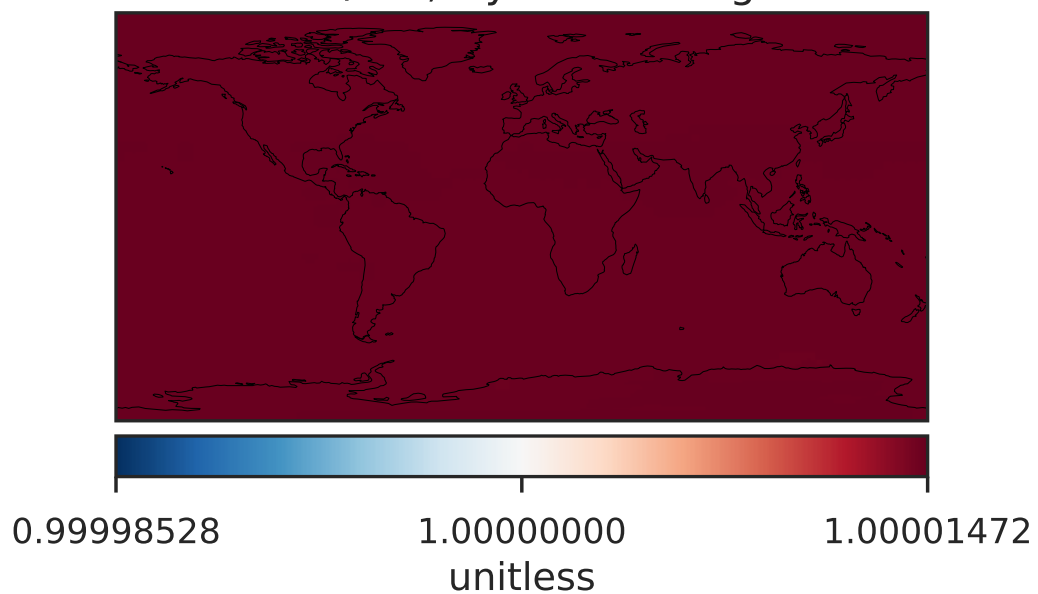
Difference (1x1.25)
Dev - Ref, Dynamic Range



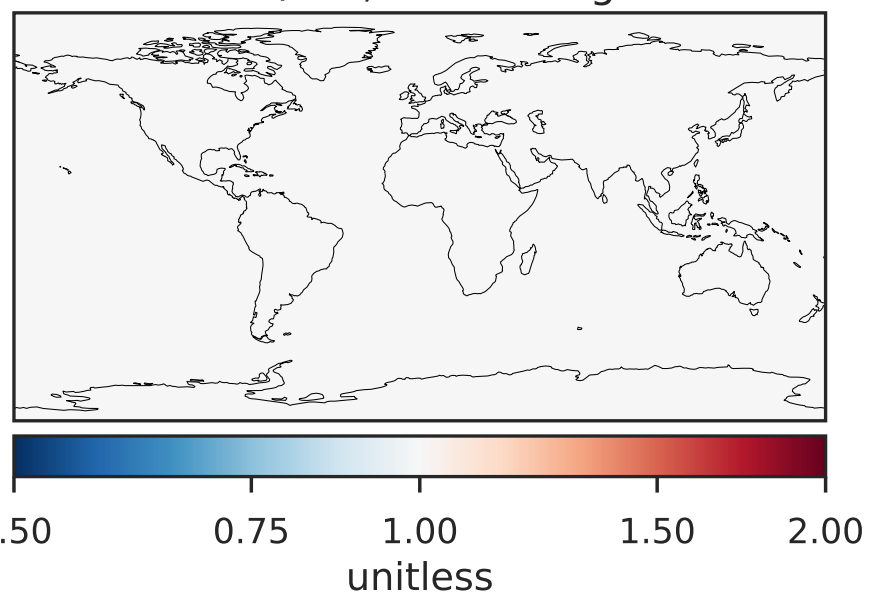
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

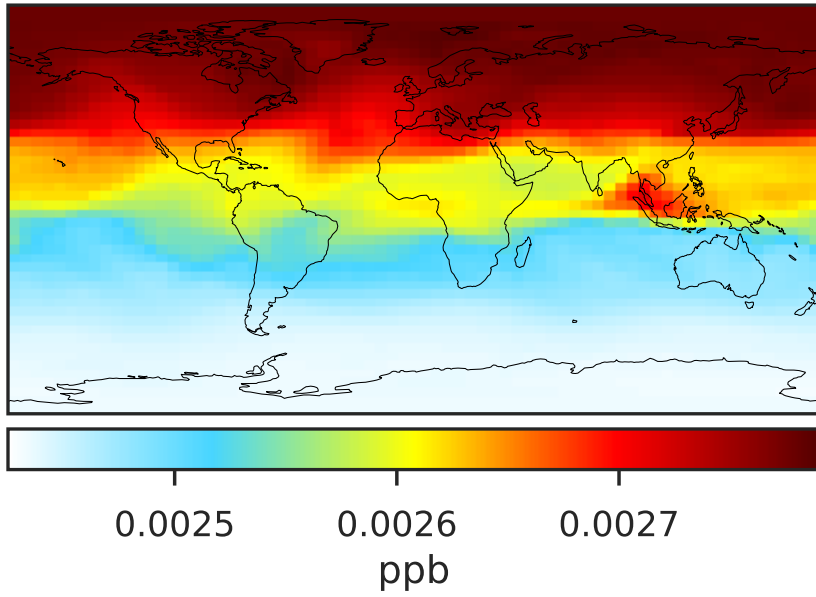


Ratio (1x1.25)
Dev/Ref, Fixed Range

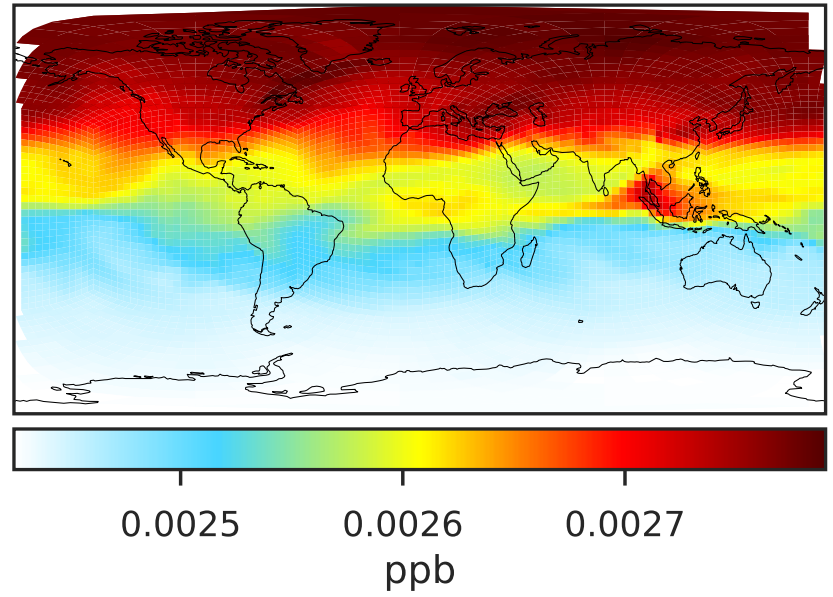


SpeciesConcVV_SF6 (Jan2019)

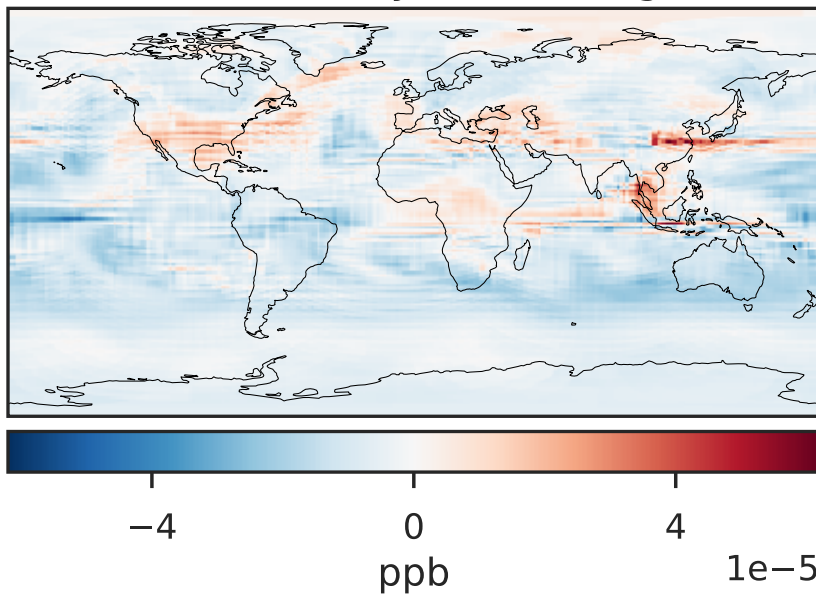
GCC 14.2.2 (Ref)
4.0x5.0



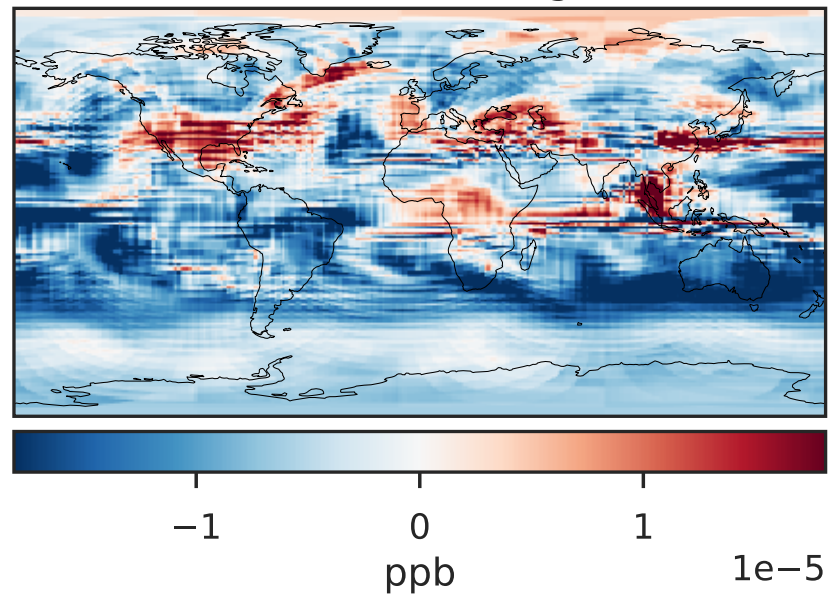
GCHP 14.2.2 using mass flux (Dev)
c30



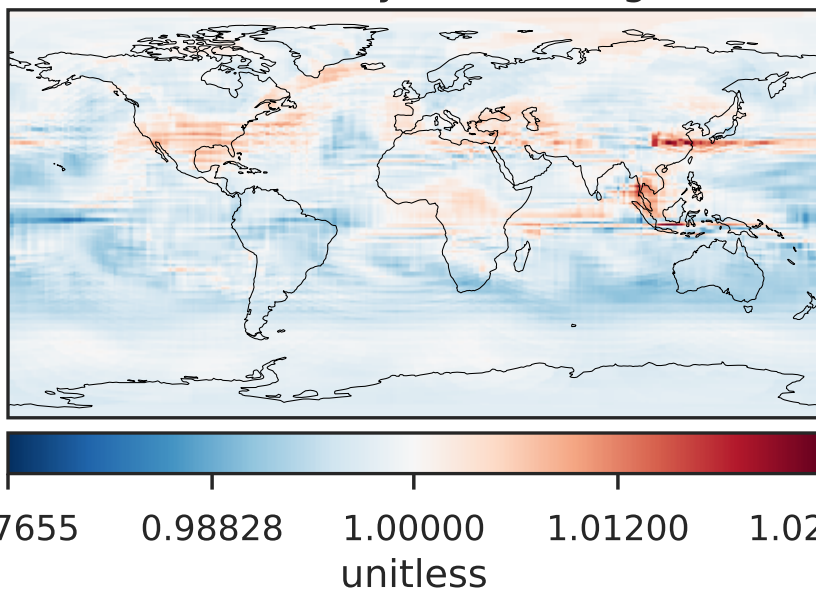
Difference (1x1.25)
Dev - Ref, Dynamic Range



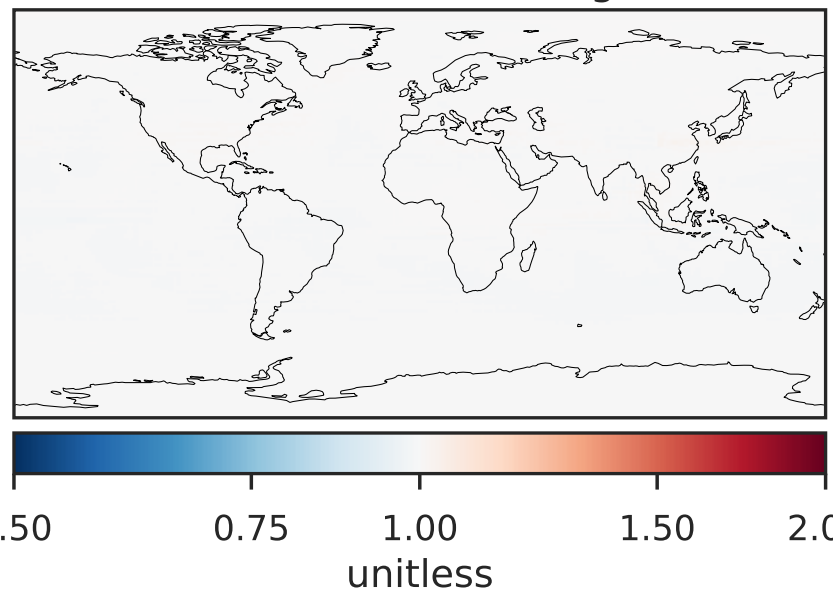
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

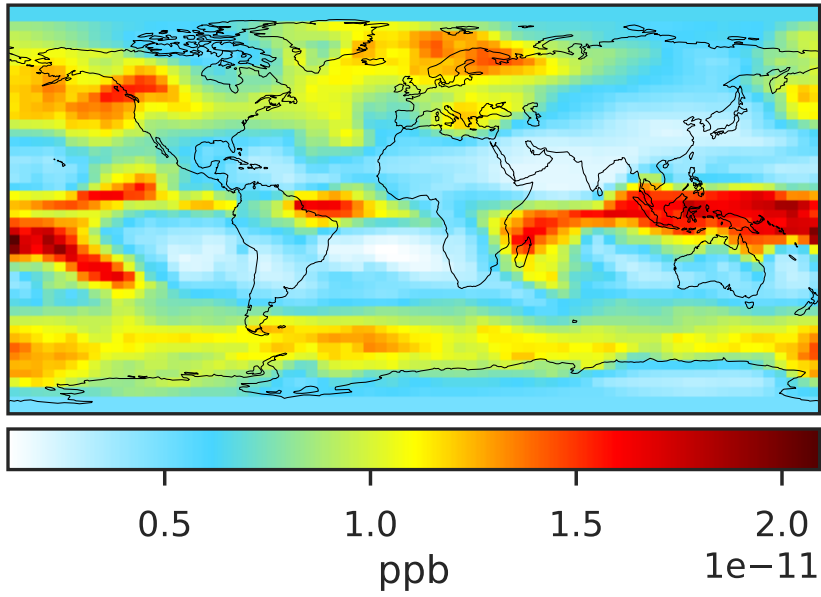


Ratio (1x1.25)
Dev/Ref, Fixed Range

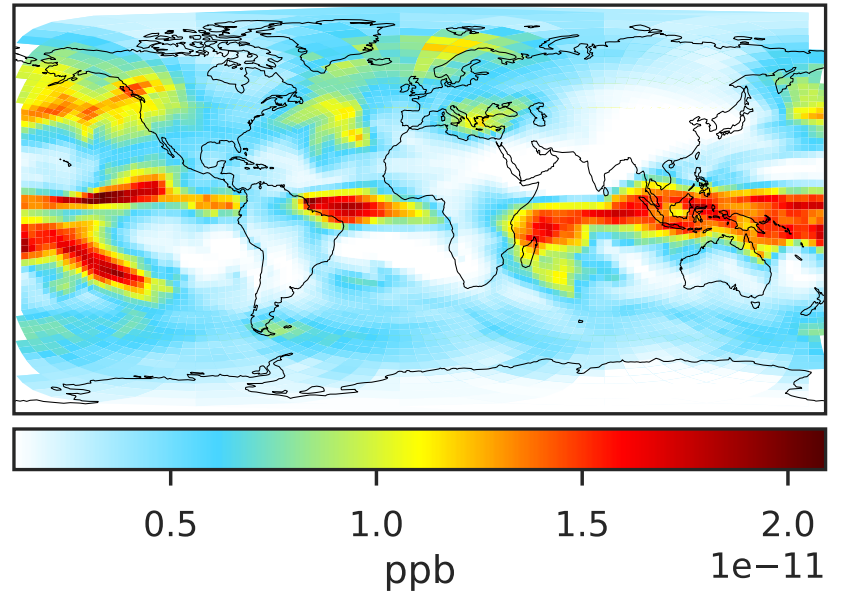


SpeciesConcVW_CH3I (Jan2019)

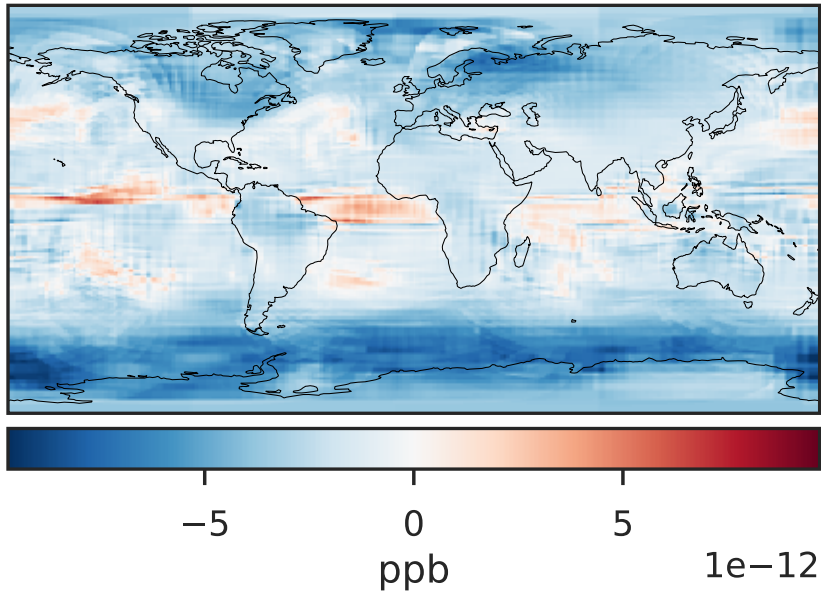
GCC 14.2.2 (Ref)
4.0x5.0



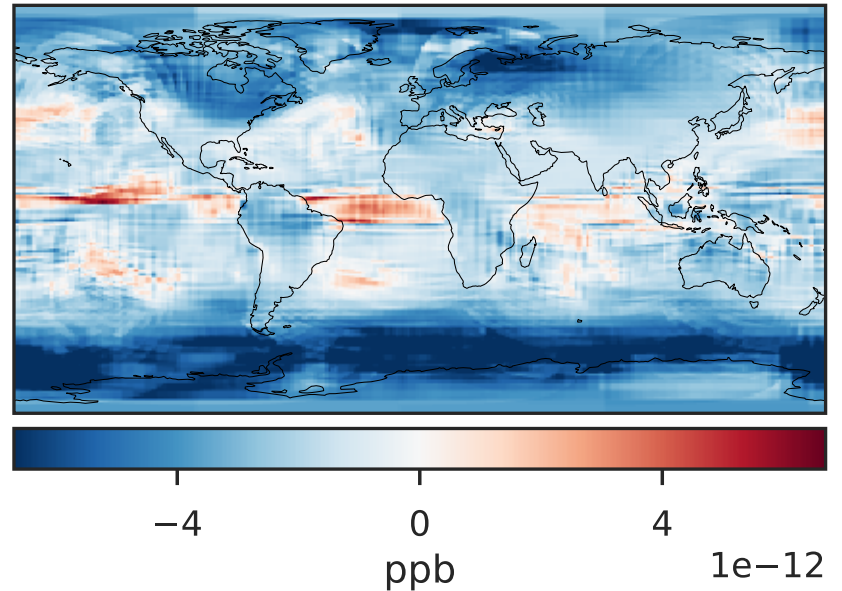
GCHP 14.2.2 using mass flux (Dev)
c30



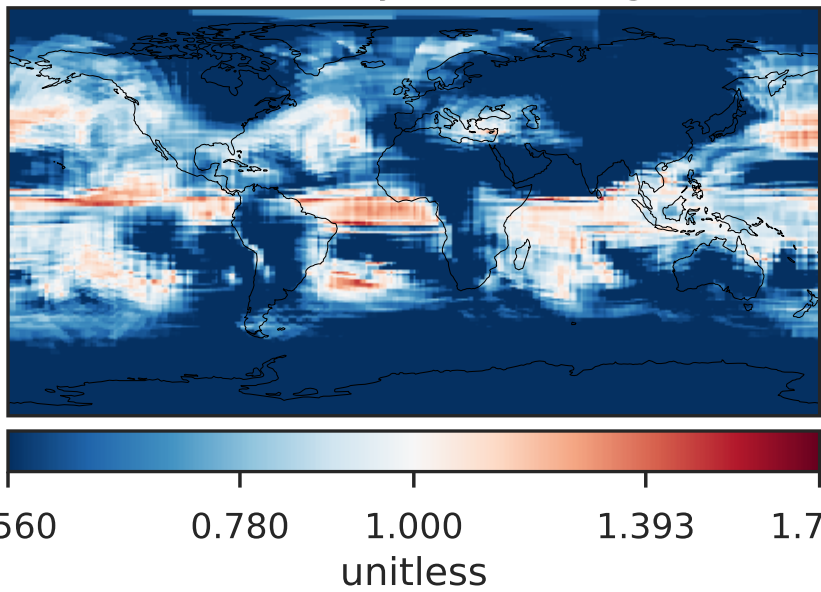
Difference (1x1.25)
Dev - Ref, Dynamic Range



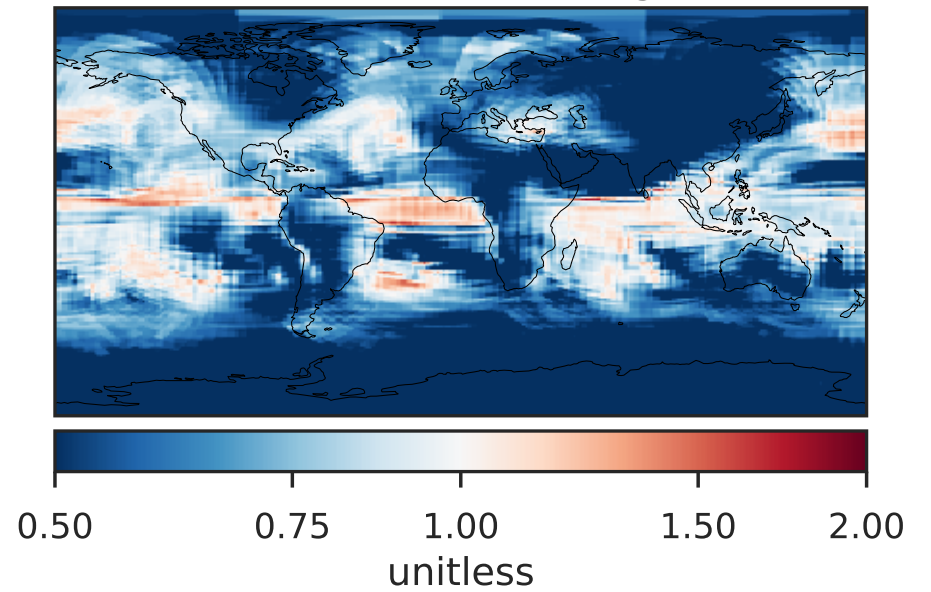
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

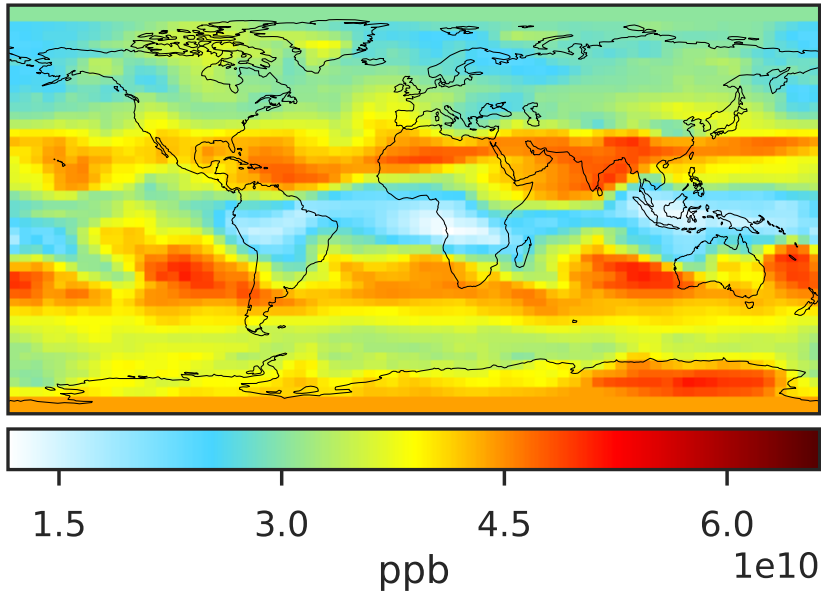


Ratio (1x1.25)
Dev/Ref, Fixed Range

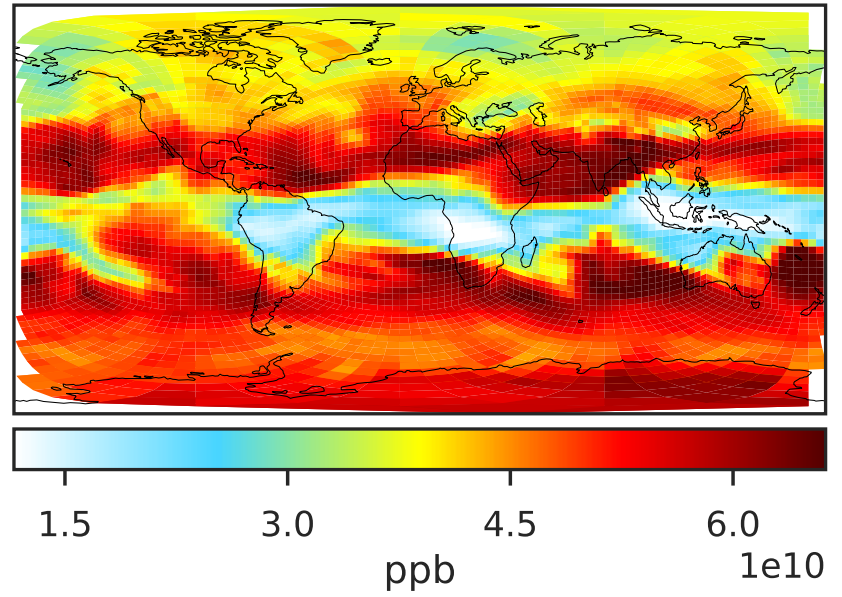


SpeciesConcVV_aoa (Jan2019)

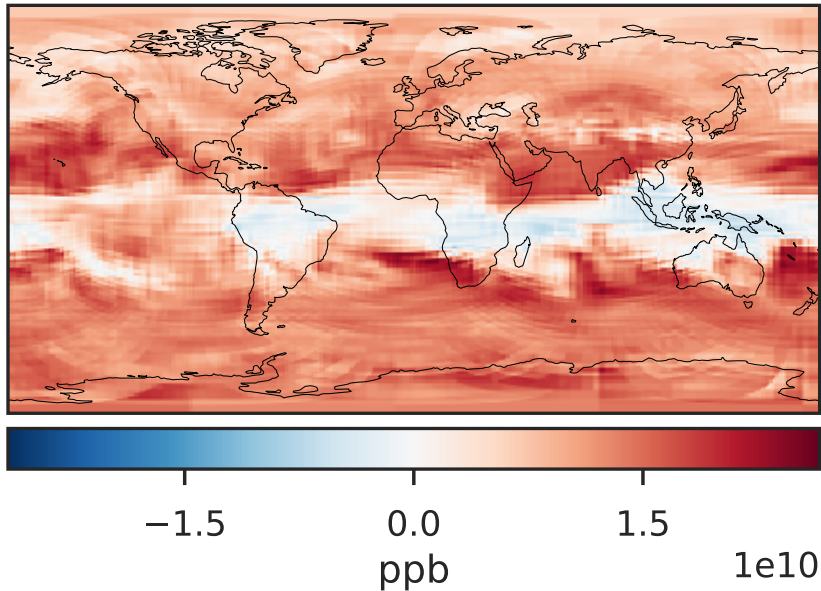
GCC 14.2.2 (Ref)
4.0x5.0



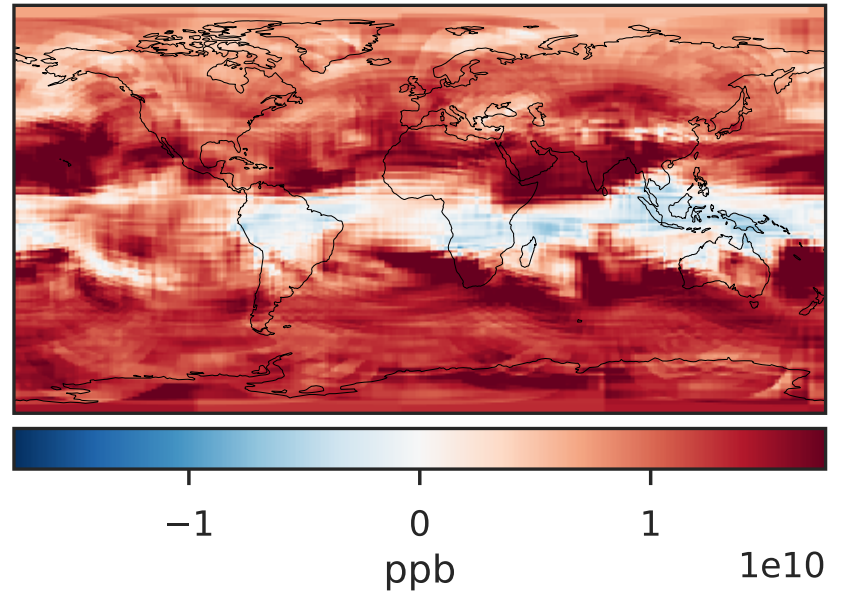
GCHP 14.2.2 using mass flux (Dev)
c30



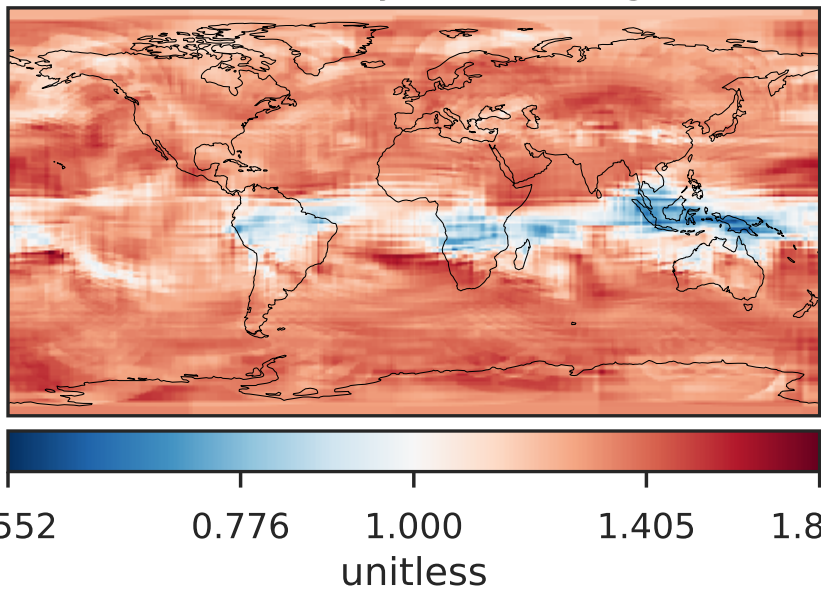
Difference (1x1.25)
Dev - Ref, Dynamic Range



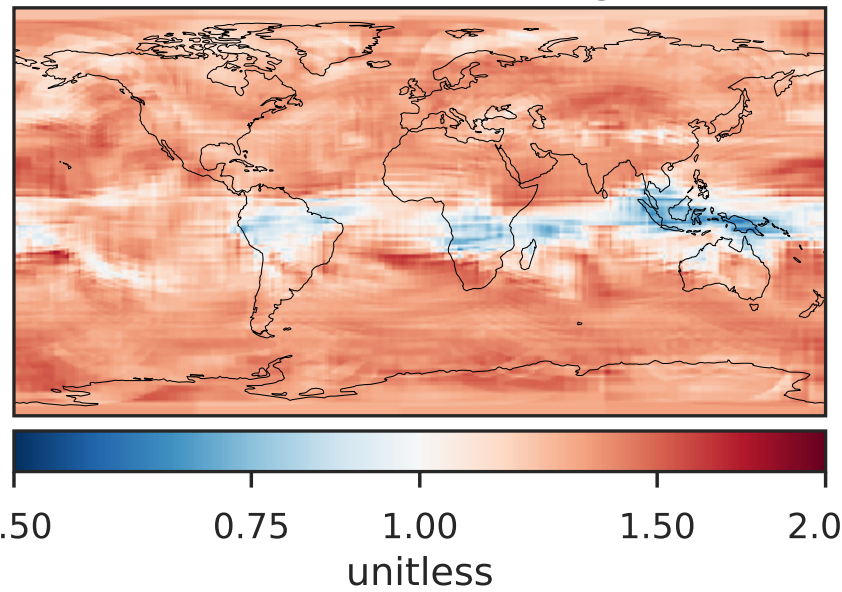
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

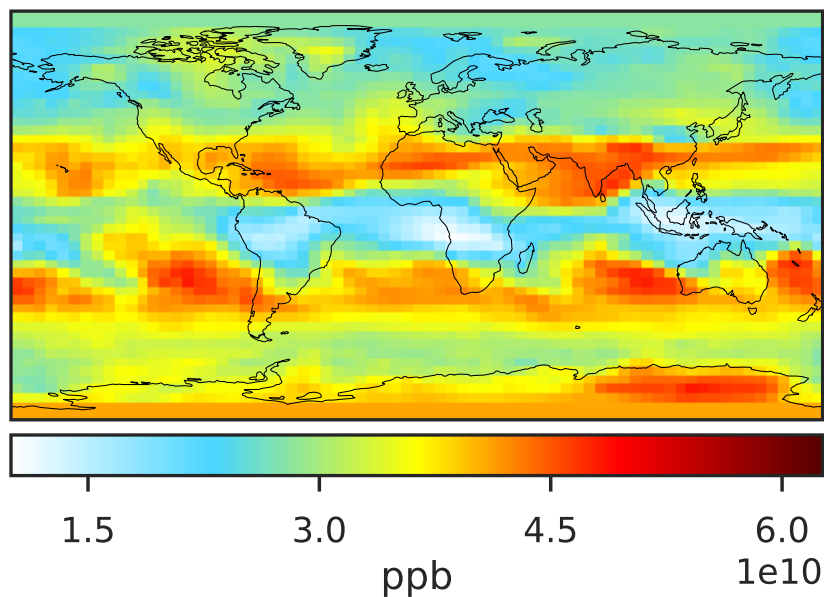


Ratio (1x1.25)
Dev/Ref, Fixed Range

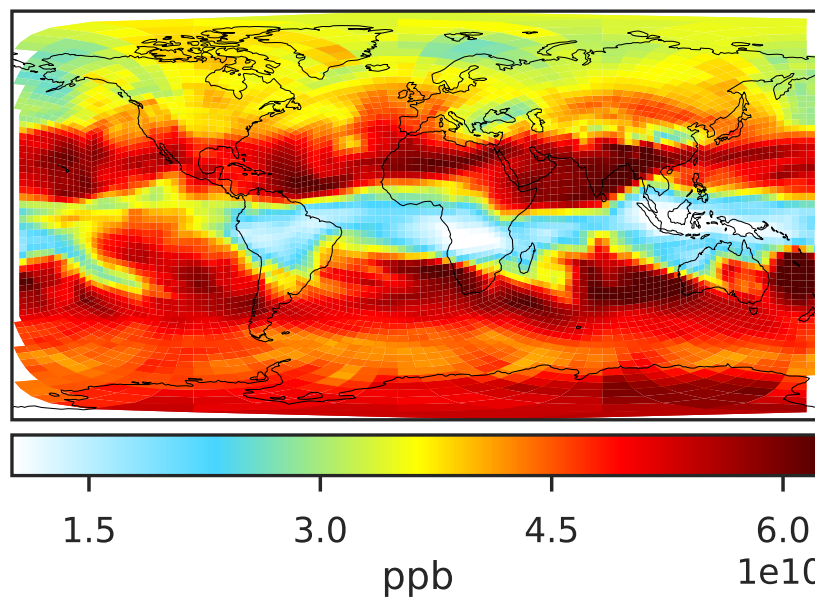


SpeciesConcVV_aoa_bl (Jan2019)

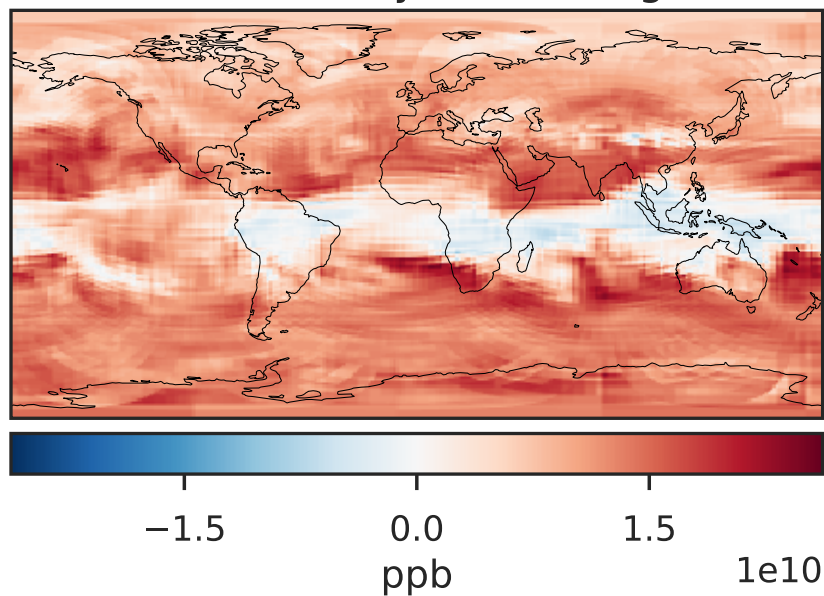
GCC 14.2.2 (Ref)
4.0x5.0



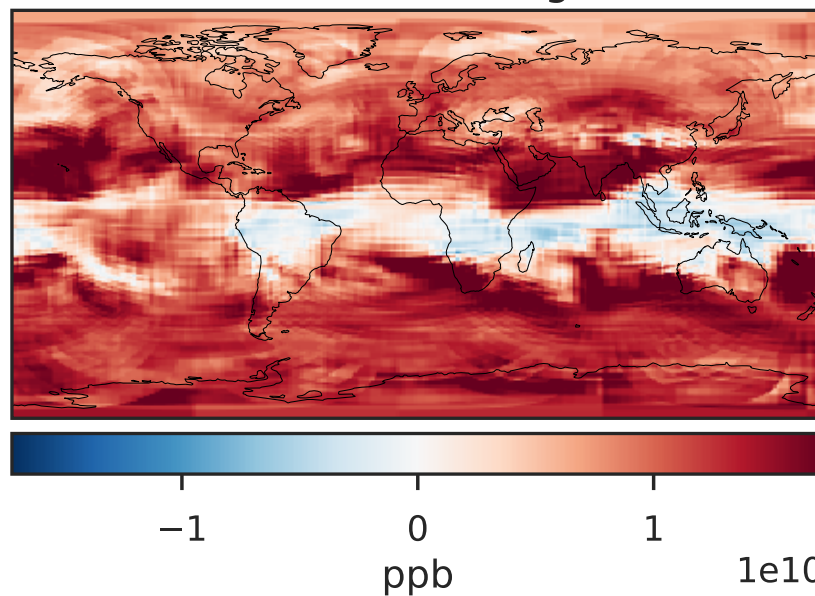
GCHP 14.2.2 using mass flux (Dev)
c30



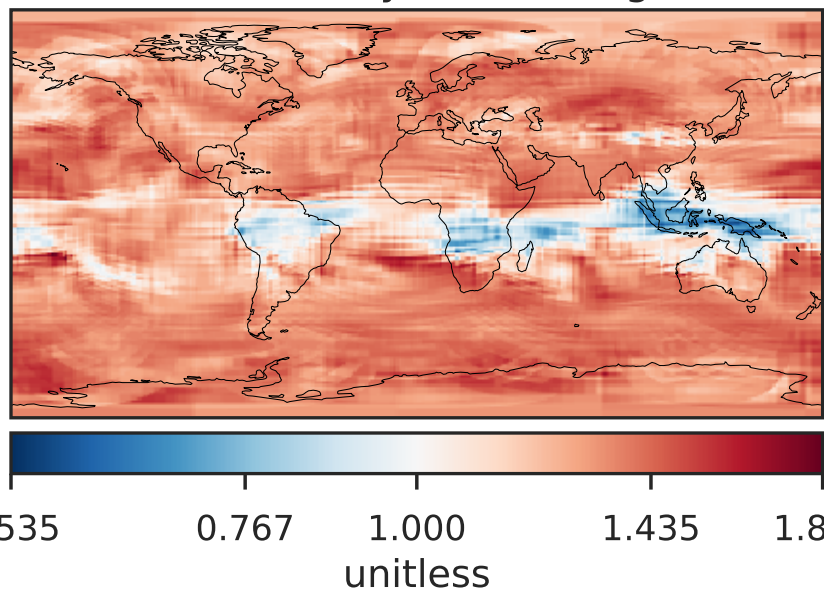
Difference (1x1.25)
Dev - Ref, Dynamic Range



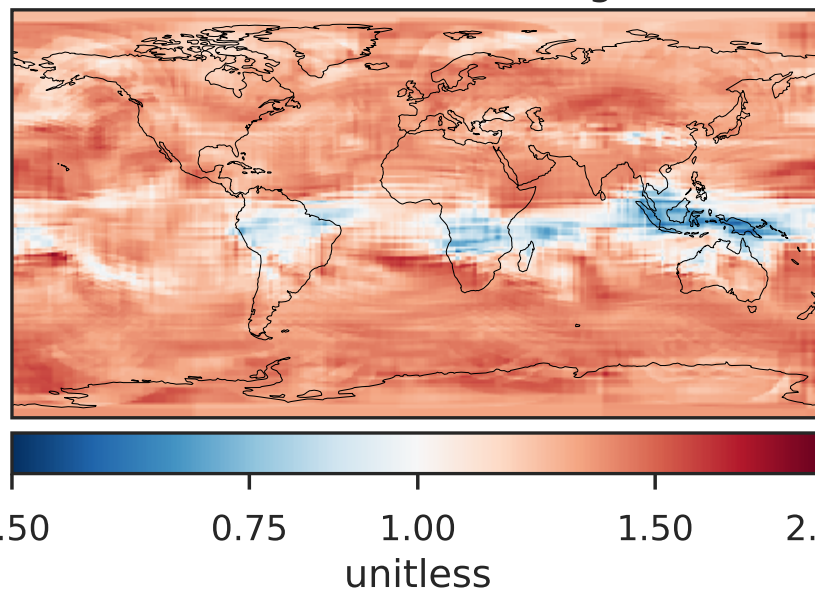
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

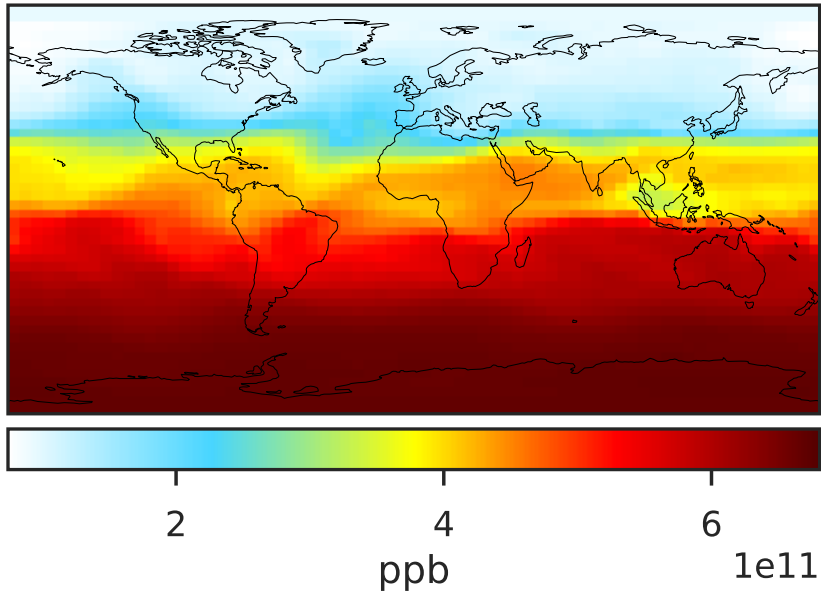


Ratio (1x1.25)
Dev/Ref, Fixed Range

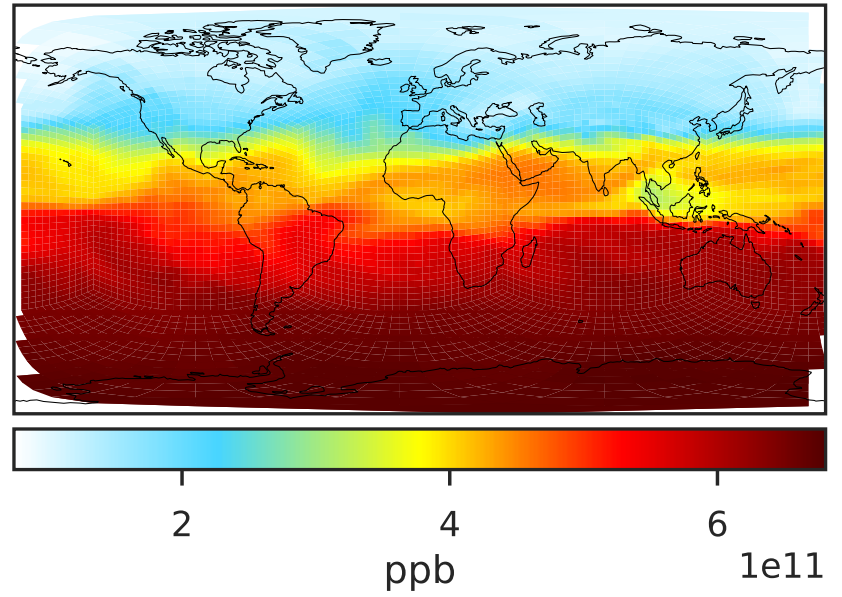


SpeciesConcVV_aoa_nh (Jan2019)

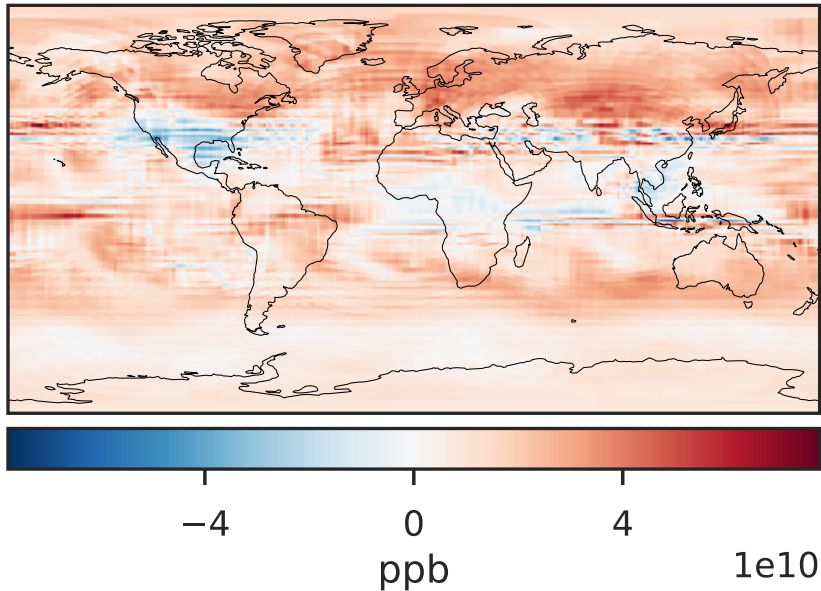
GCC 14.2.2 (Ref)
4.0x5.0



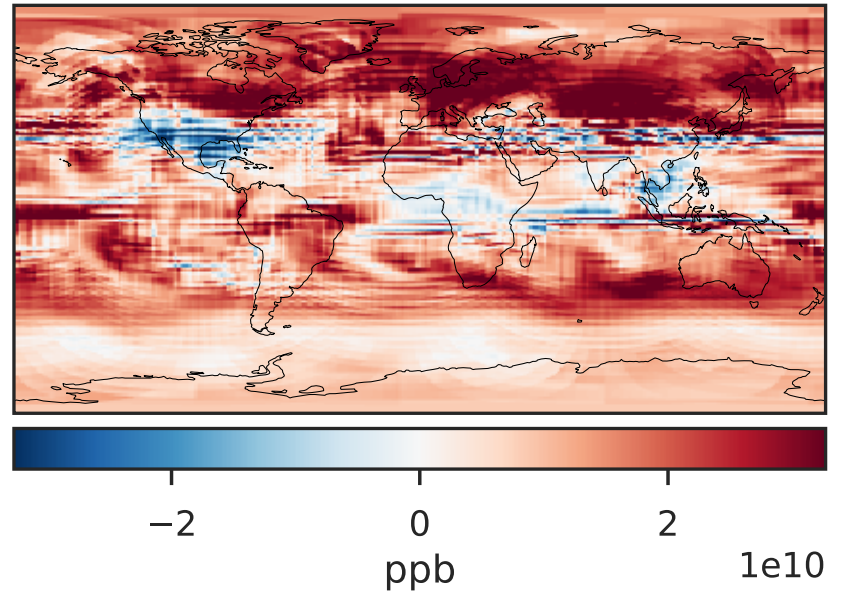
GCHP 14.2.2 using mass flux (Dev)
c30



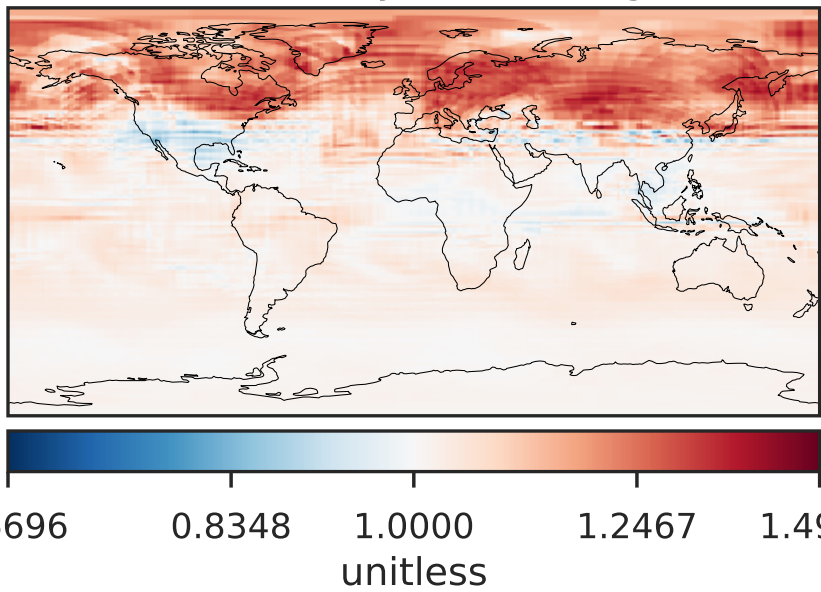
Difference (1x1.25)
Dev - Ref, Dynamic Range



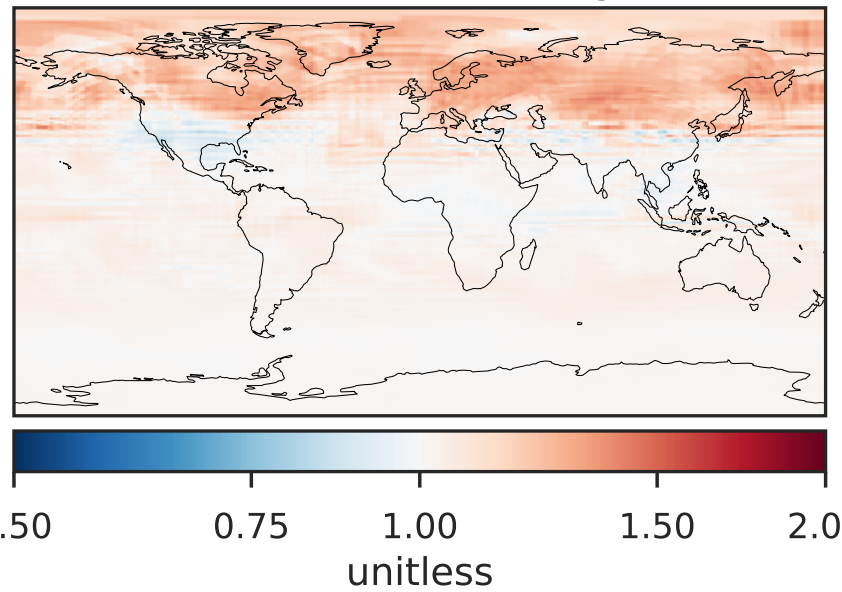
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

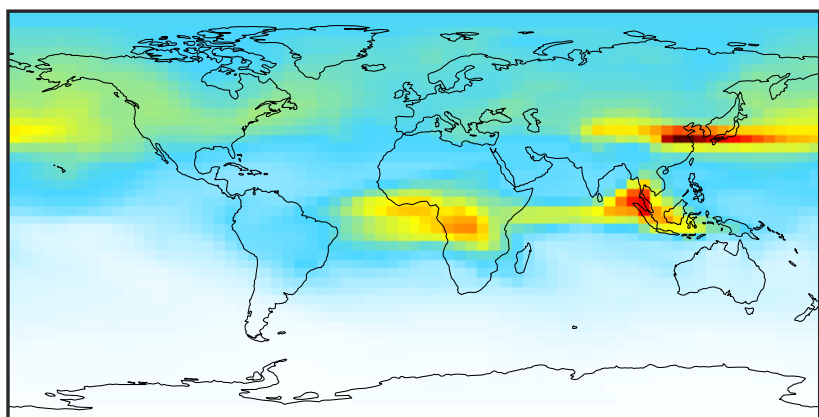


Ratio (1x1.25)
Dev/Ref, Fixed Range



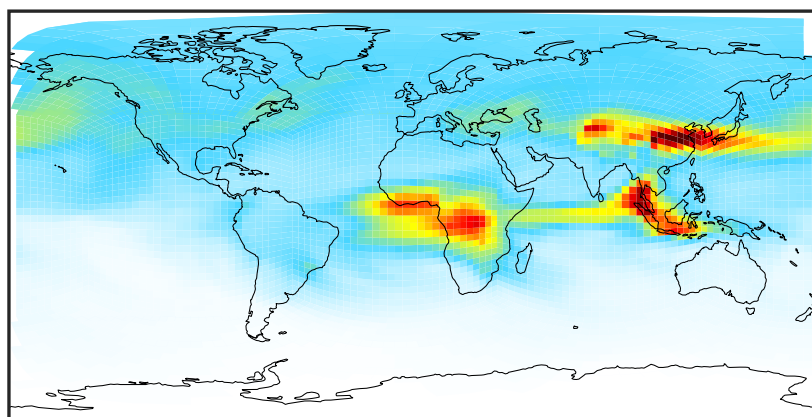
SpeciesConcVV_CO_25 (Jan2019)

GCC 14.2.2 (Ref)
4.0x5.0



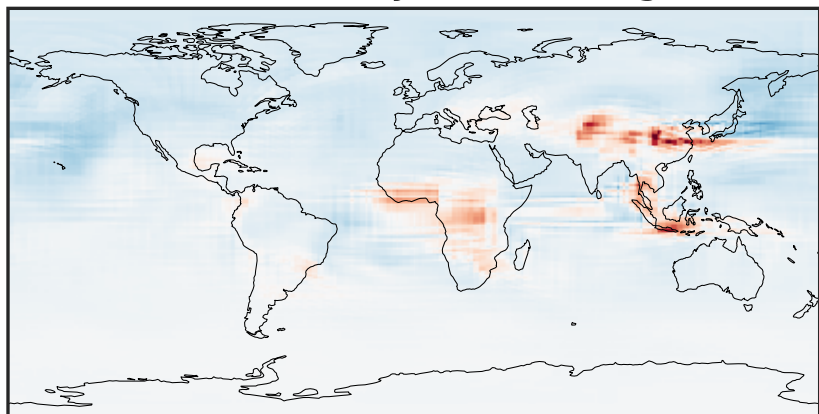
0.61 9.29 17.97 26.66 35.34
ppb

GCHP 14.2.2 using mass flux (Dev)
c30



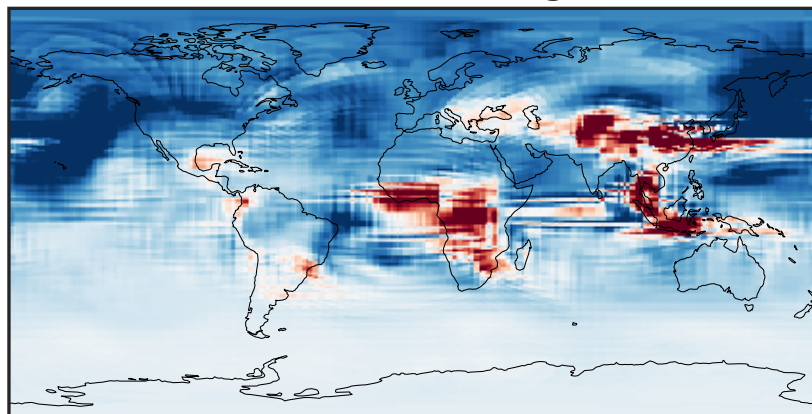
0.61 9.29 17.97 26.66 35.34
ppb

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



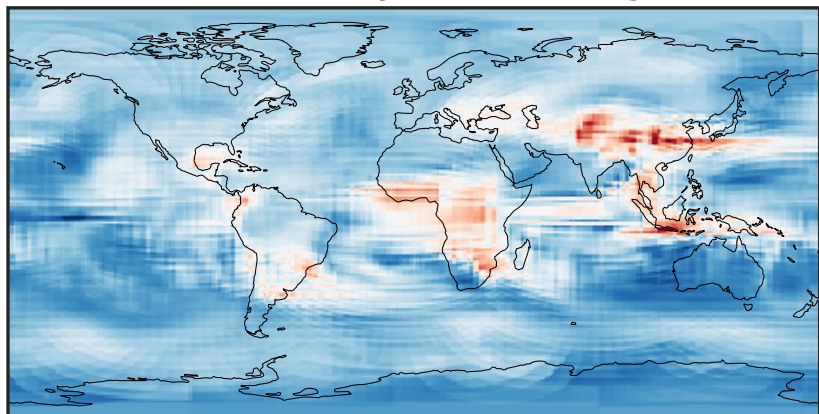
-15.22 -7.61 0.00 7.61 15.22
ppb

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



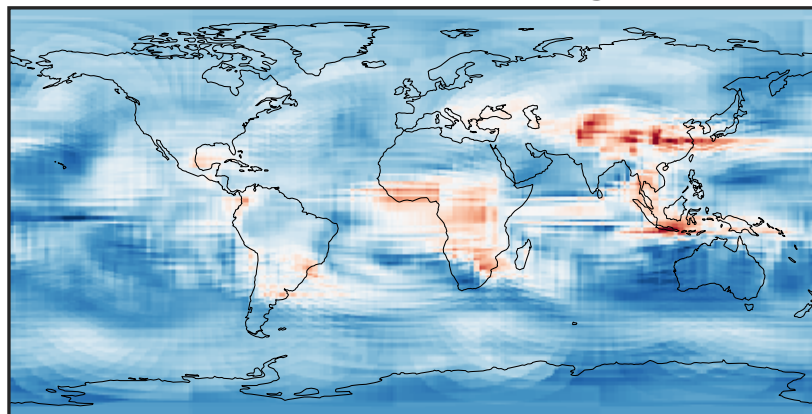
-3.30 -1.65 0.00 1.65 3.30
ppb

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



0.492 0.746 1.000 1.517 2.034
unitless

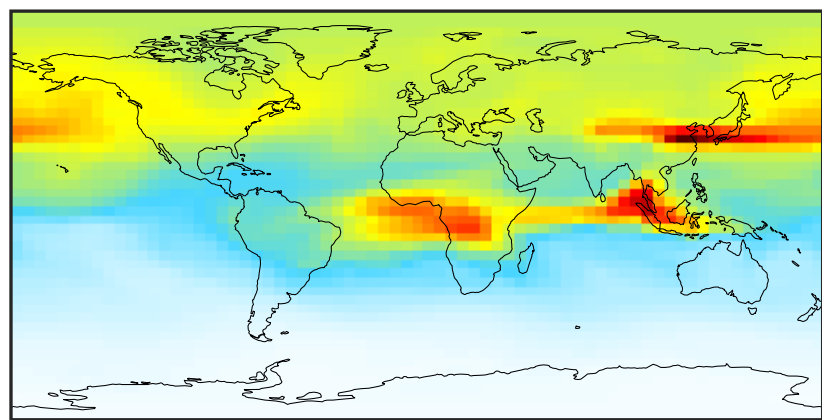
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

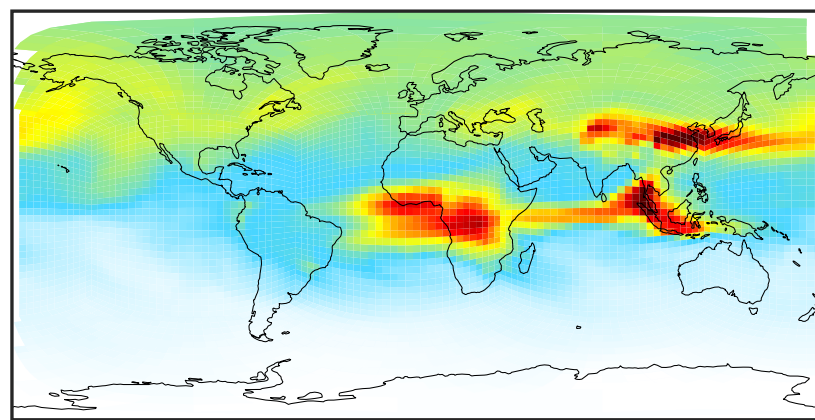
SpeciesConcVV_CO_50 (Jan2019)

GCC 14.2.2 (Ref)
4.0x5.0



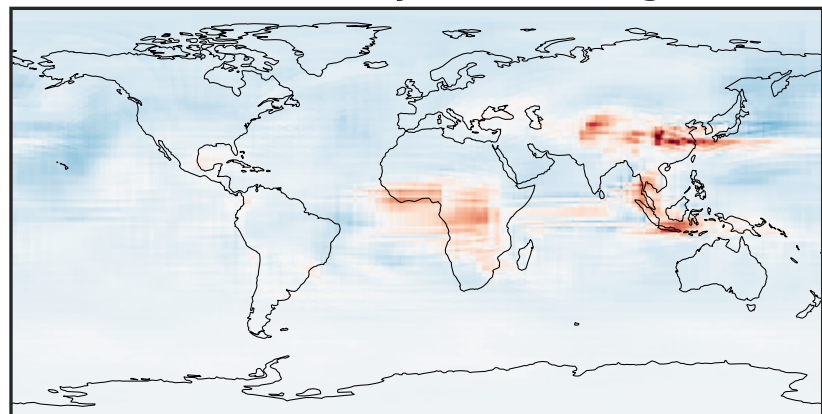
2.72 14.45 26.18 37.92 49.65
ppb

GCHP 14.2.2 using mass flux (Dev)
c30



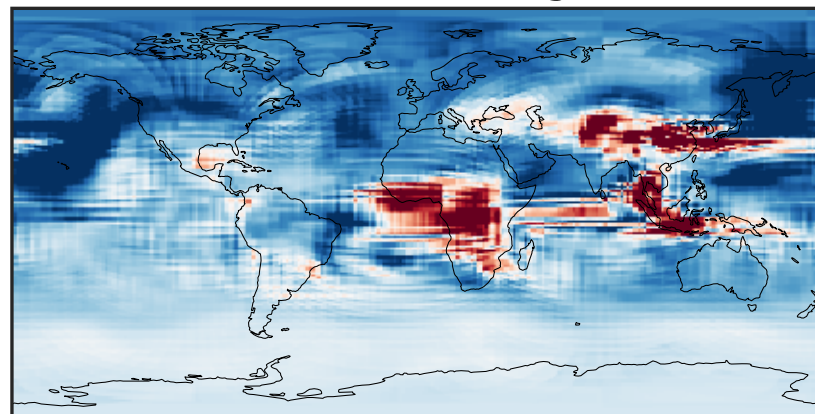
2.72 14.45 26.18 37.92 49.65
ppb

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



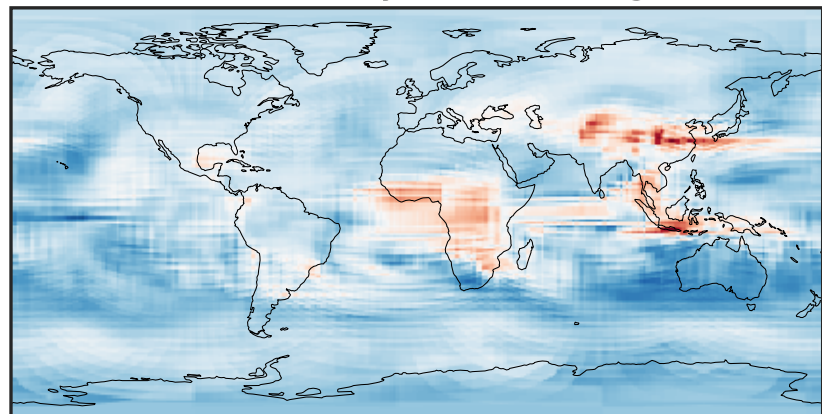
-18.54 -9.27 0.00 9.27 18.54
ppb

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



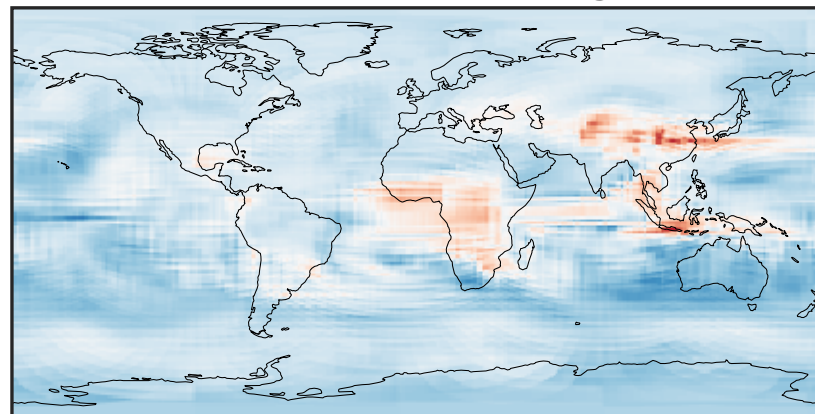
-4.144 -2.072 0.000 2.072 4.144
ppb

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



0.576 0.788 1.000 1.368 1.735
unitless

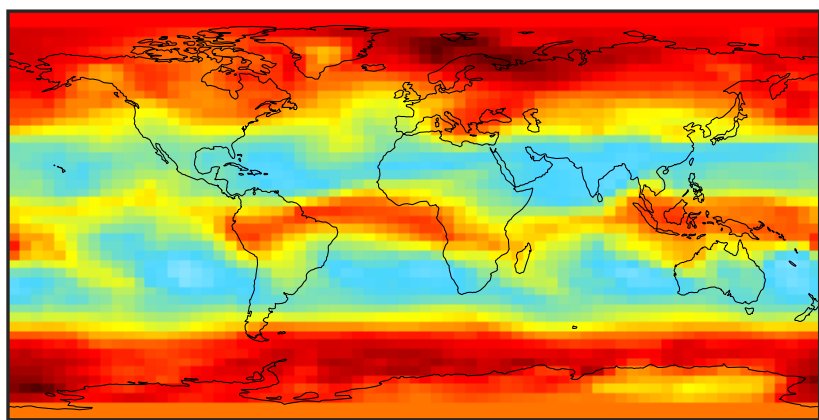
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

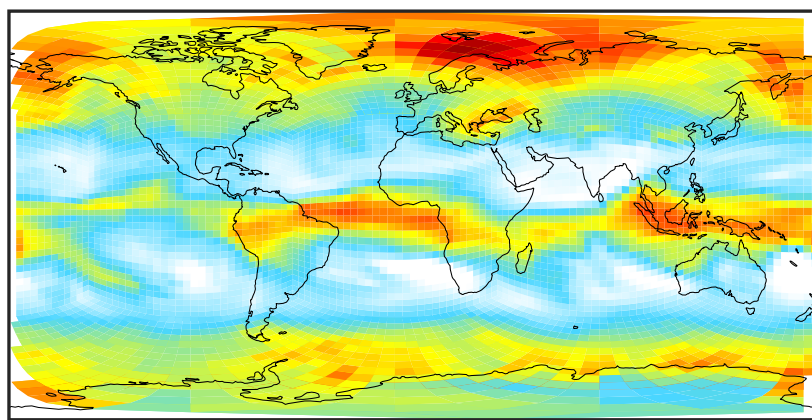
SpeciesConcVW_e90 (Jan2019)

GCC 14.2.2 (Ref)
4.0x5.0



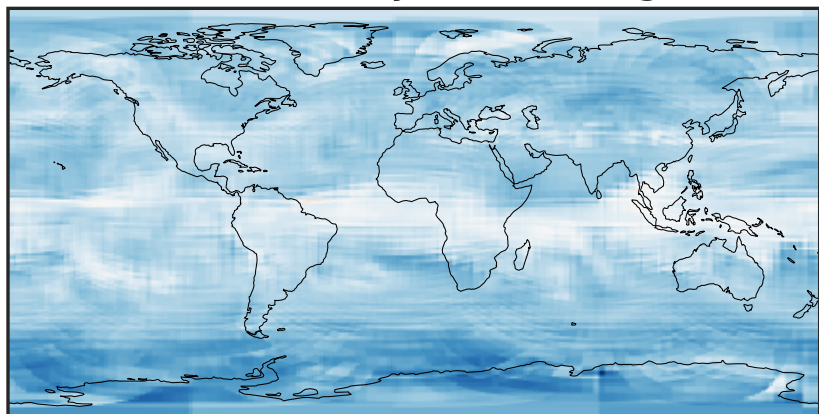
52.18 58.87 65.57 72.26 78.96
ppb

GCHP 14.2.2 using mass flux (Dev)
c30



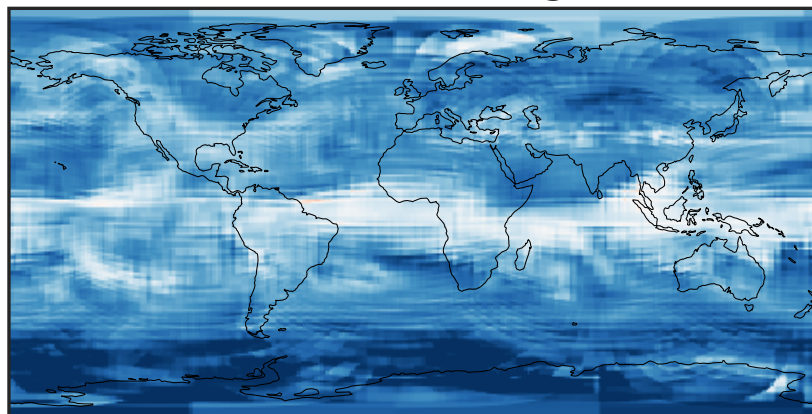
52.18 58.87 65.57 72.26 78.96
ppb

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



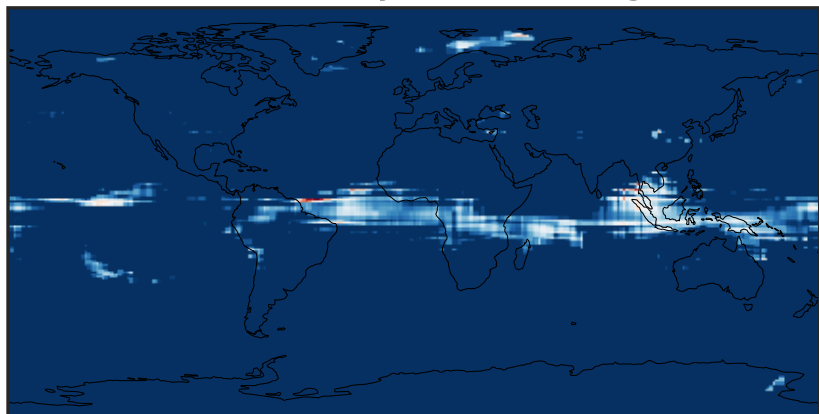
-15.44 -7.72 0.00 7.72 15.44
ppb

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



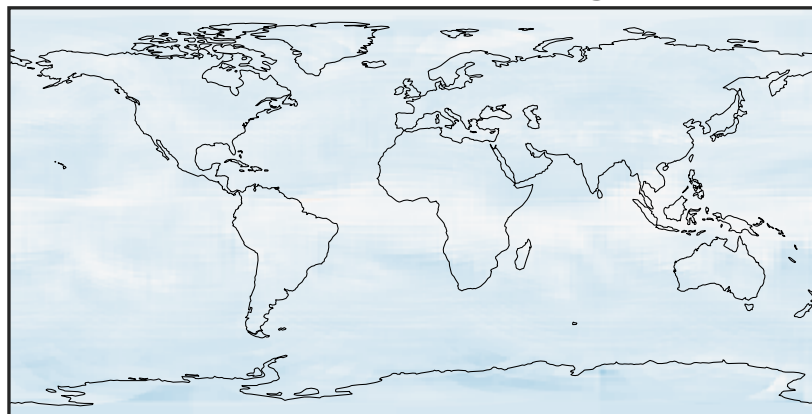
-8.87 -4.44 0.00 4.44 8.87
ppb

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



0.96707 0.98353 1.00000 1.01703 1.03405
unitless

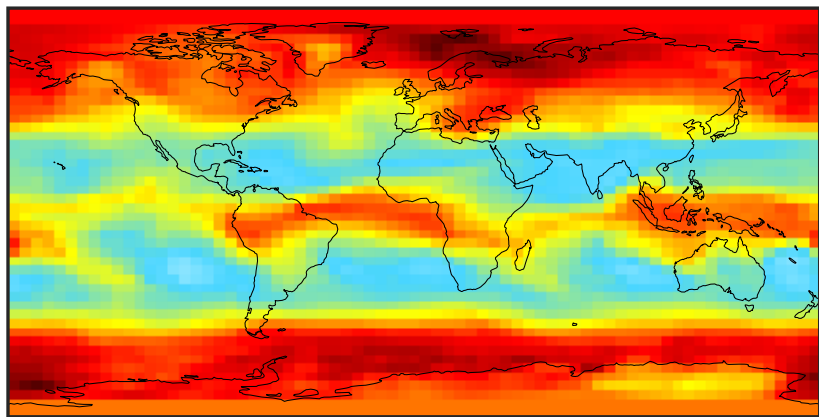
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

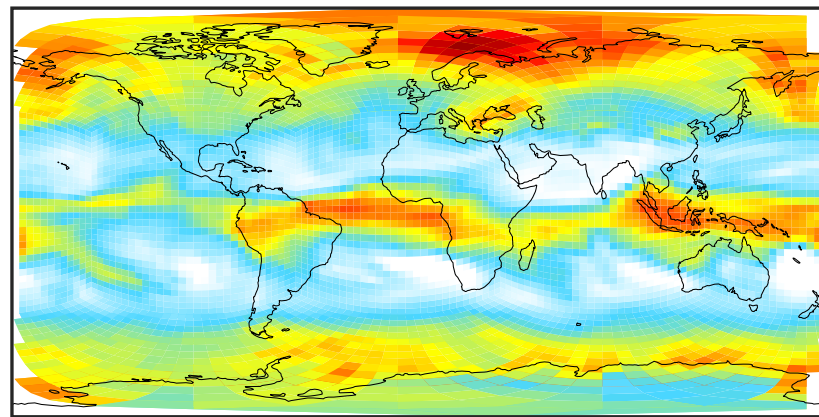
SpeciesConcVV_e90_n (Jan2019)

GCC 14.2.2 (Ref)
4.0x5.0



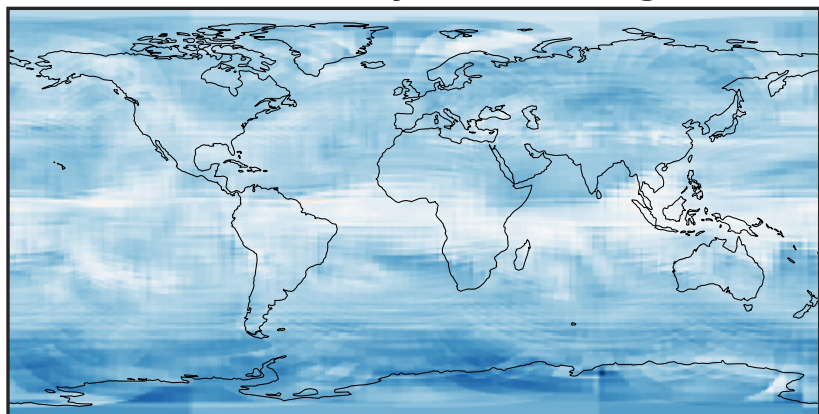
52.18 58.87 65.57 72.26 78.96
ppb

GCHP 14.2.2 using mass flux (Dev)
c30



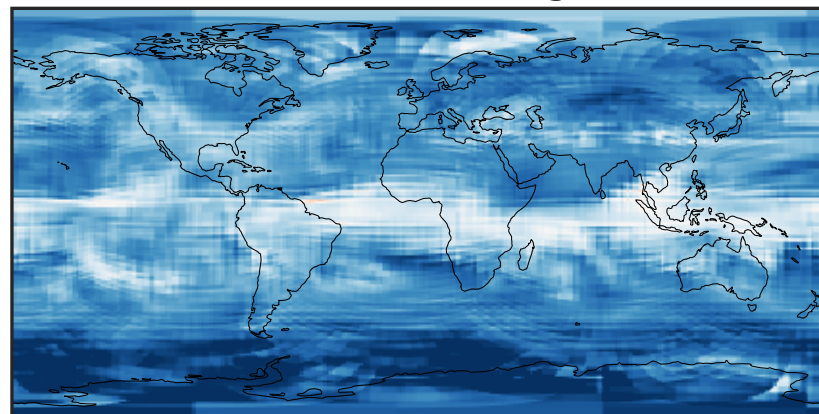
52.18 58.87 65.57 72.26 78.96
ppb

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



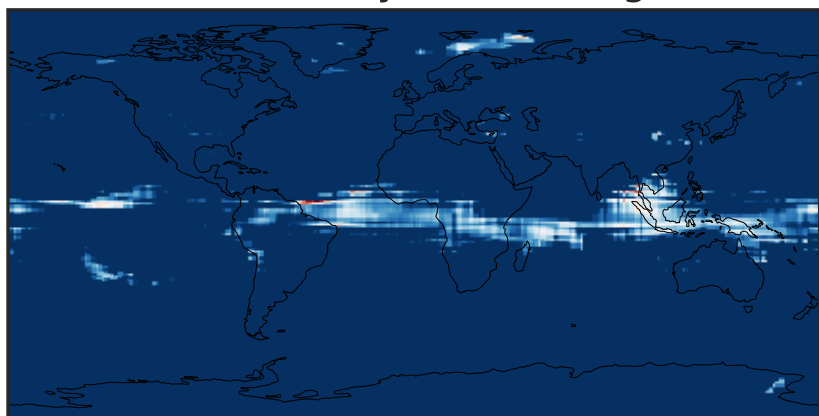
-15.44 -7.72 0.00 7.72 15.44
ppb

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



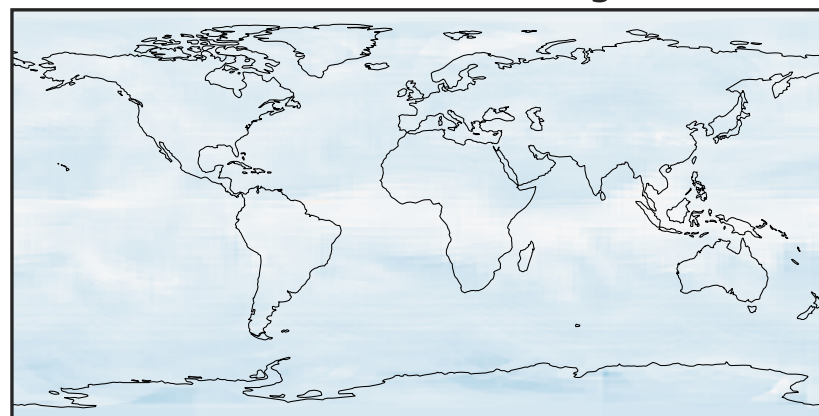
-8.87 -4.44 0.00 4.44 8.87
ppb

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



0.96707 0.98353 1.00000 1.01703 1.03405
unitless

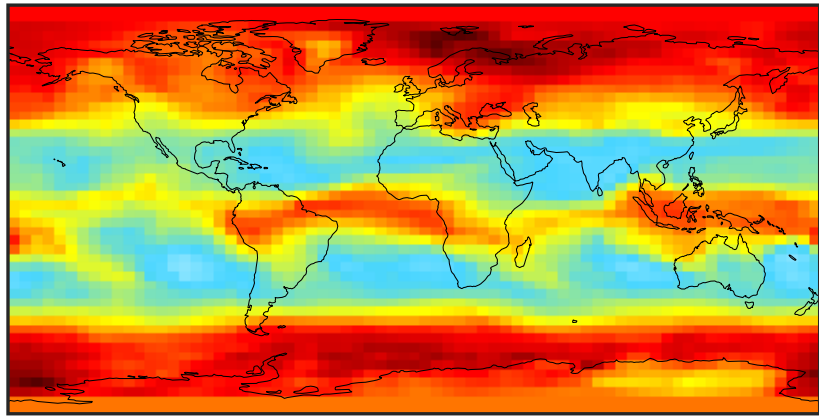
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

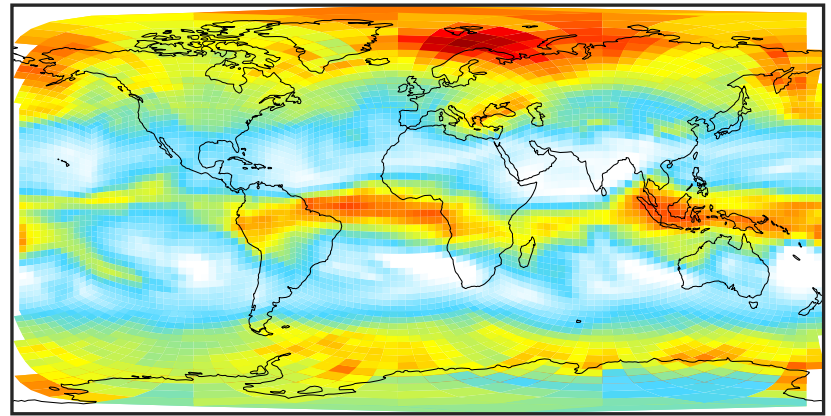
SpeciesConcVV_e90_s (Jan2019)

GCC 14.2.2 (Ref)
4.0x5.0



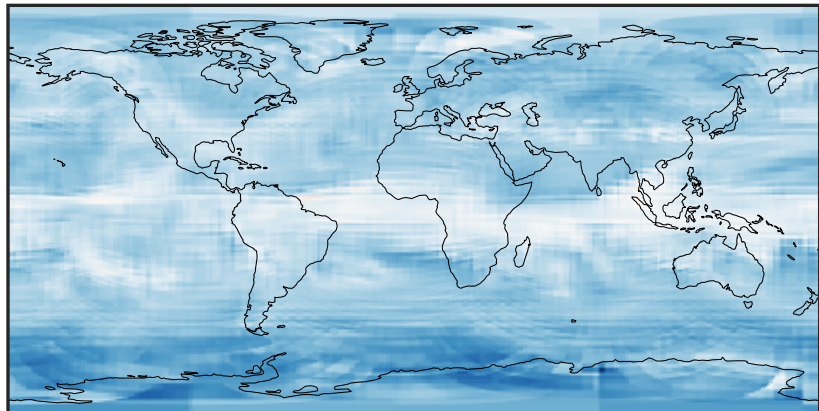
52.18 58.87 65.57 72.26 78.96
ppb

GCHP 14.2.2 using mass flux (Dev)
c30



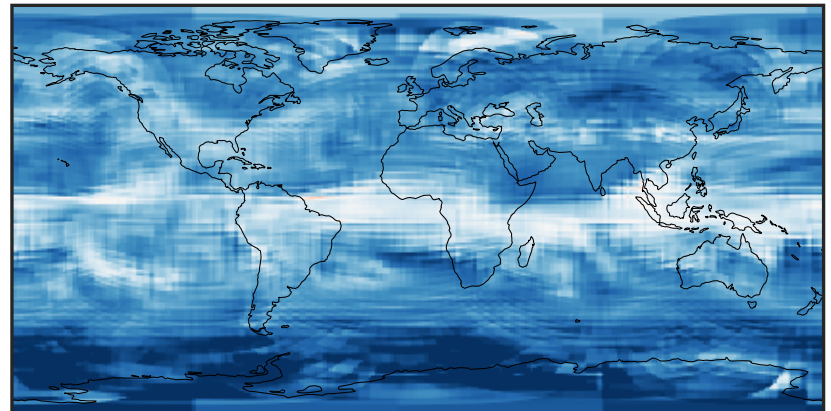
52.18 58.87 65.57 72.26 78.96
ppb

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



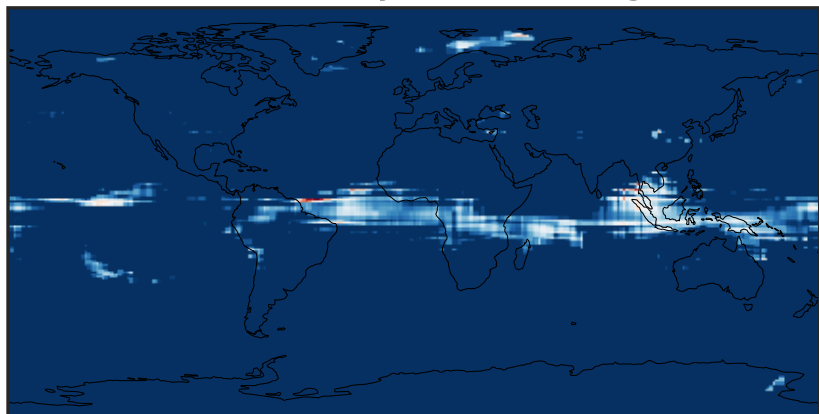
-15.44 -7.72 0.00 7.72 15.44
ppb

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



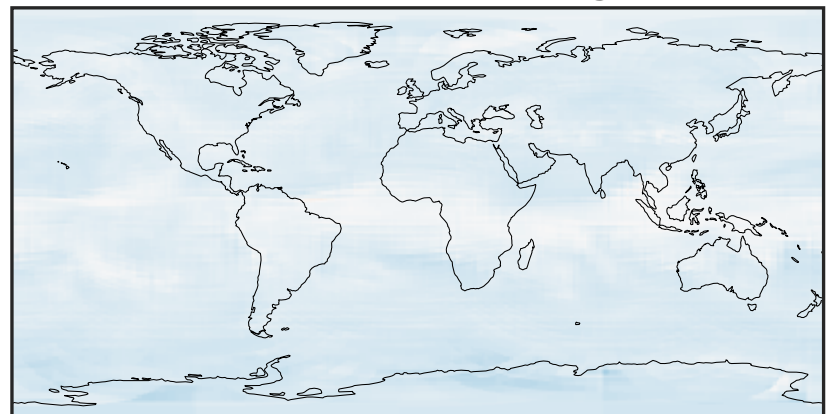
-8.87 -4.44 0.00 4.44 8.87
ppb

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



0.96707 0.98353 1.00000 1.01703 1.03405
unitless

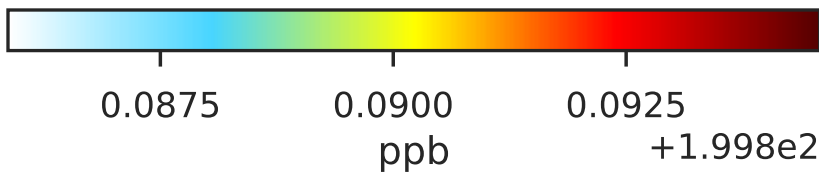
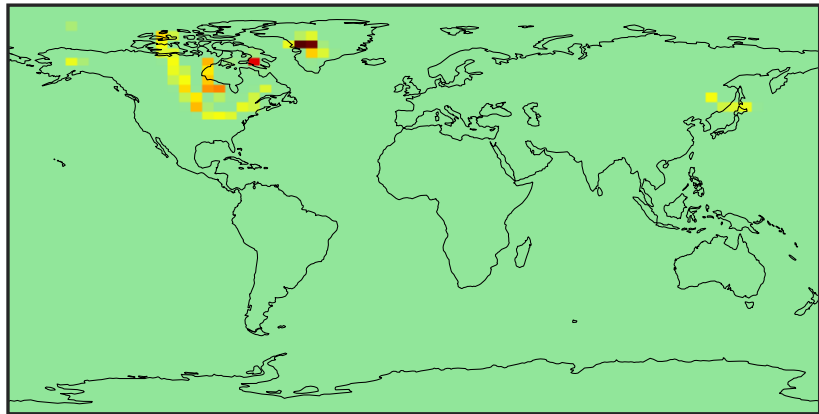
Ratio (1x1.25)
Dev/Ref, Fixed Range



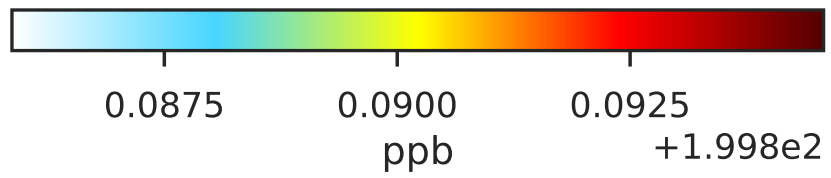
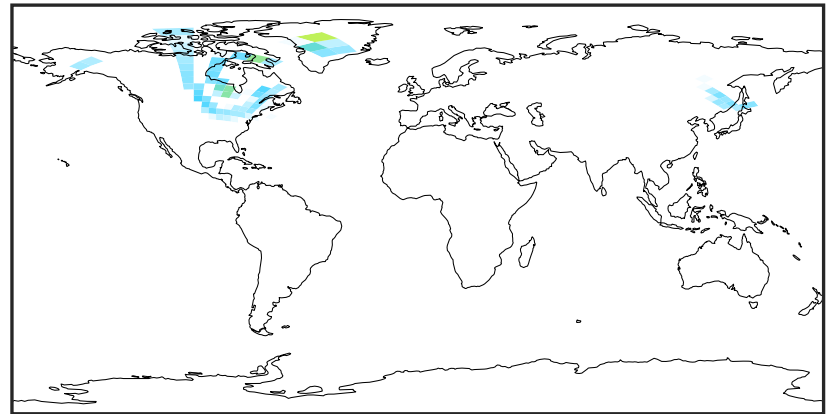
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_st80_25 (Jan2019)

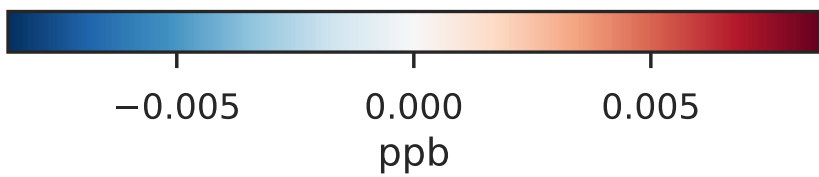
GCC 14.2.2 (Ref)
4.0x5.0



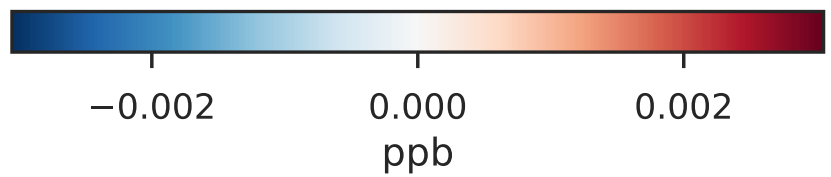
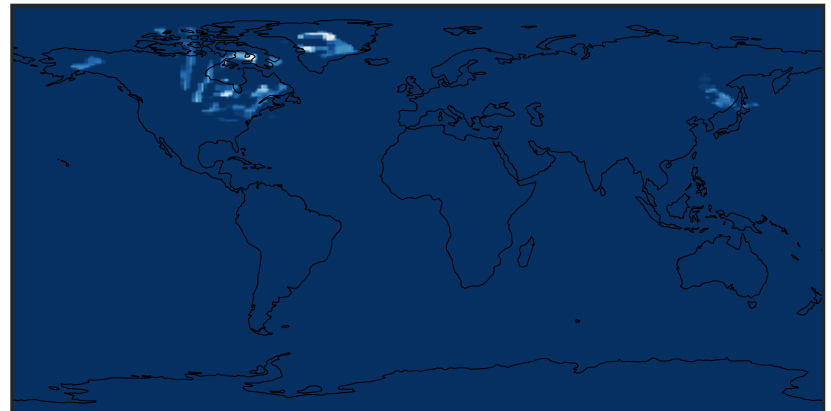
GCHP 14.2.2 using mass flux (Dev)
c30



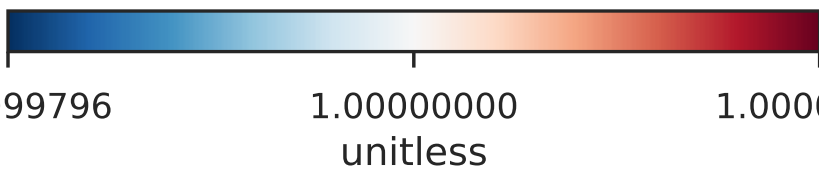
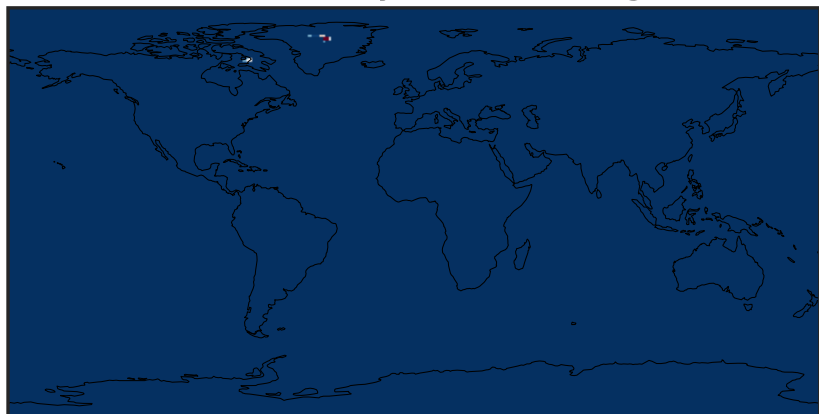
Difference (1x1.25)
Dev - Ref, Dynamic Range



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



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



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

