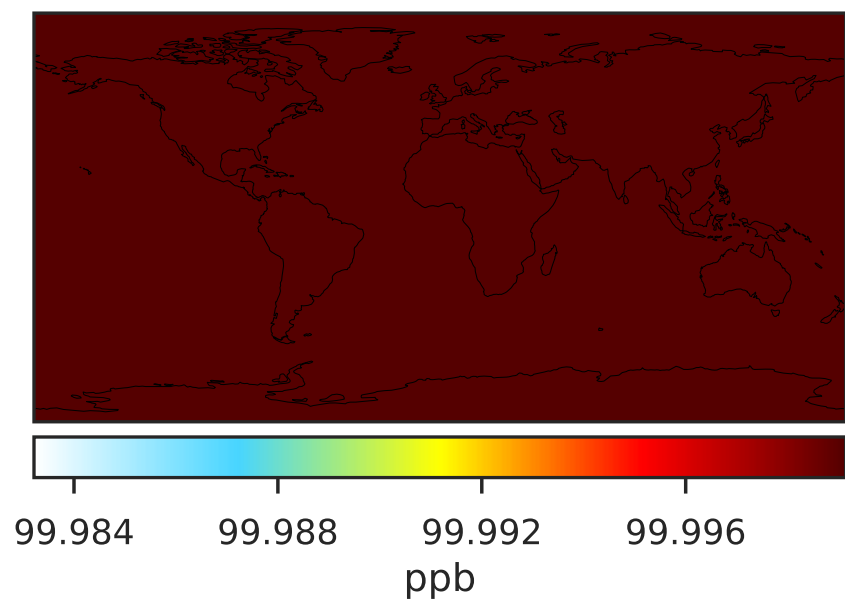
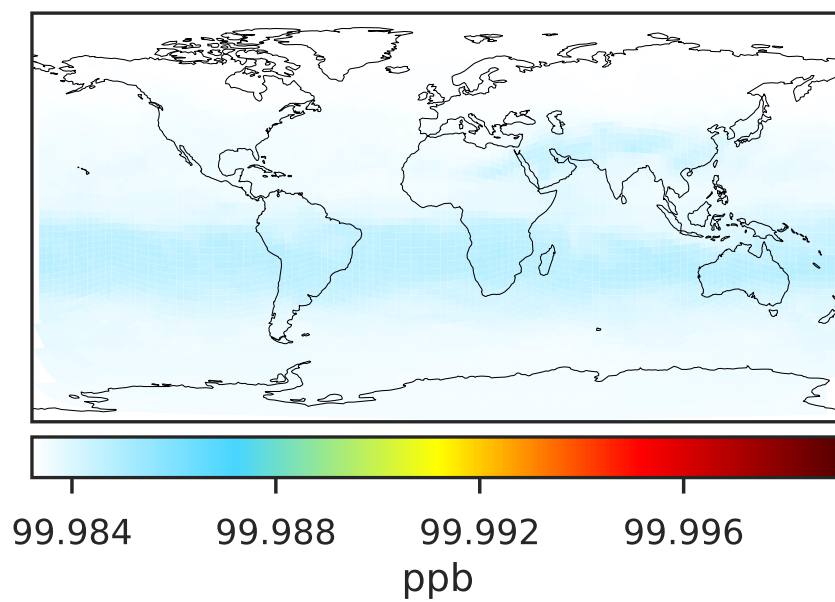


SpeciesConcVV_PassiveTracer (AnnualMean)

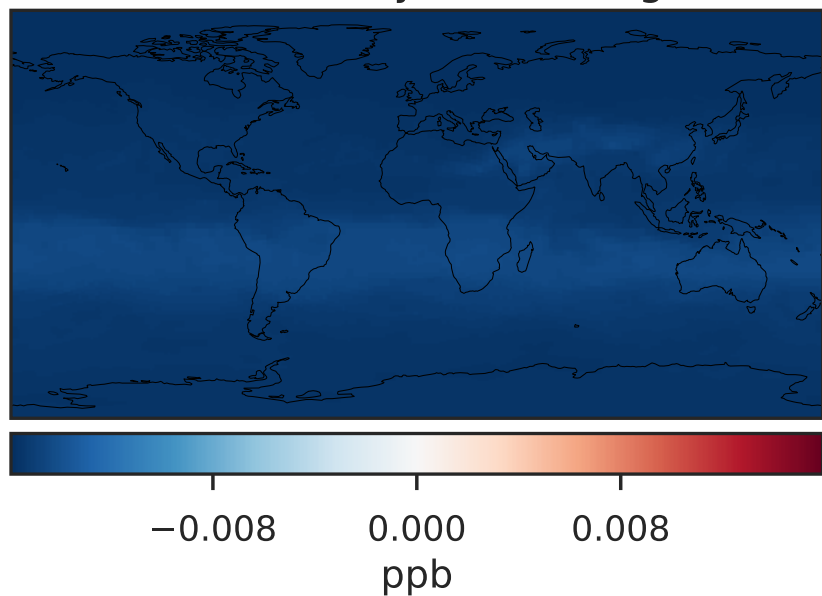
GCC 14.2.2 (Ref)
4.0x5.0



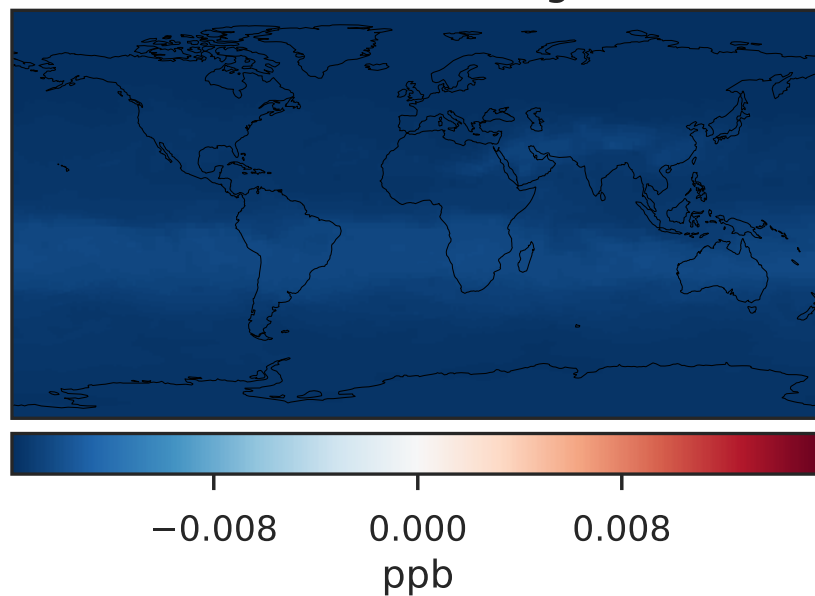
GCHP 14.2.2 using mass flux (Dev)
c30



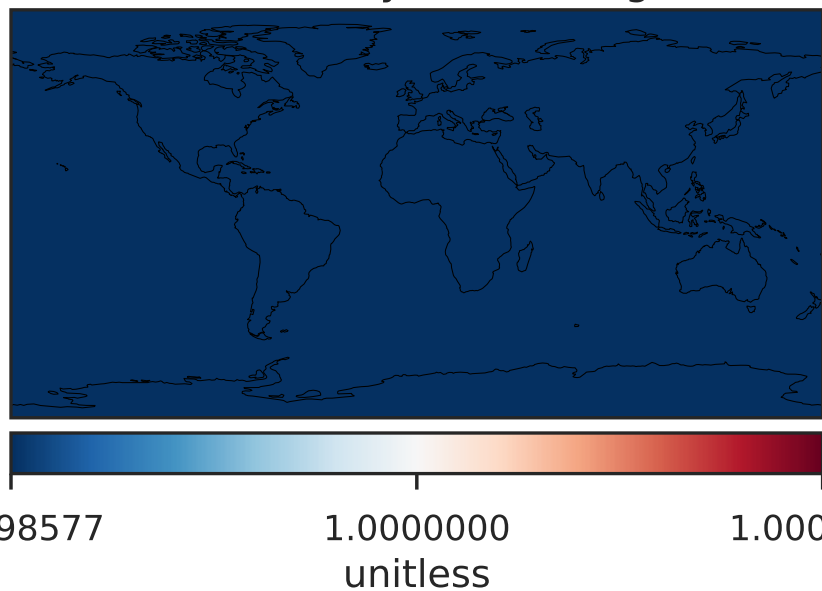
Difference (1x1.25)
Dev - Ref, Dynamic Range



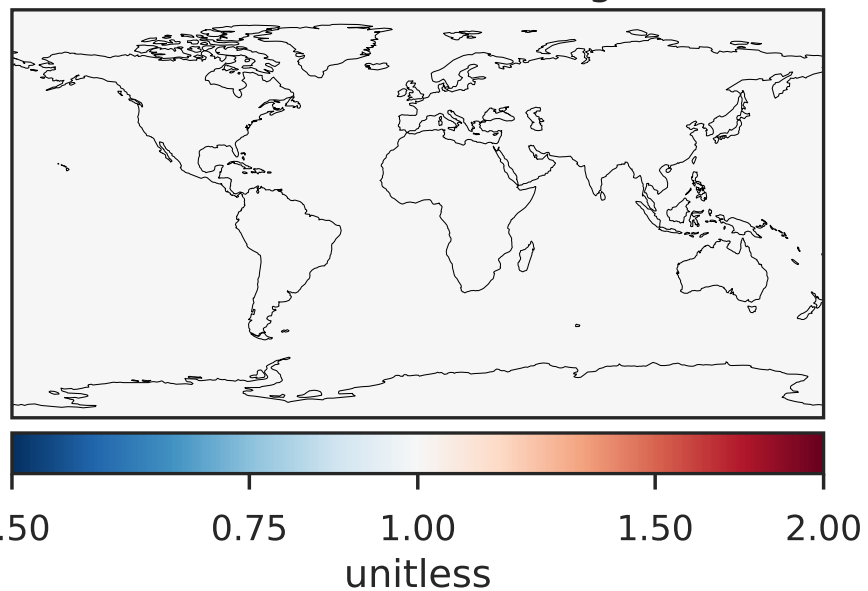
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

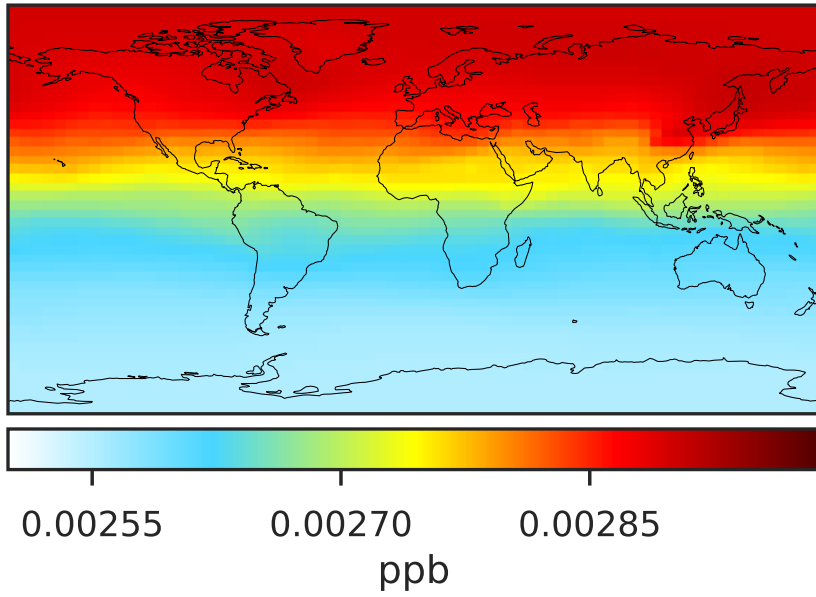


Ratio (1x1.25)
Dev/Ref, Fixed Range

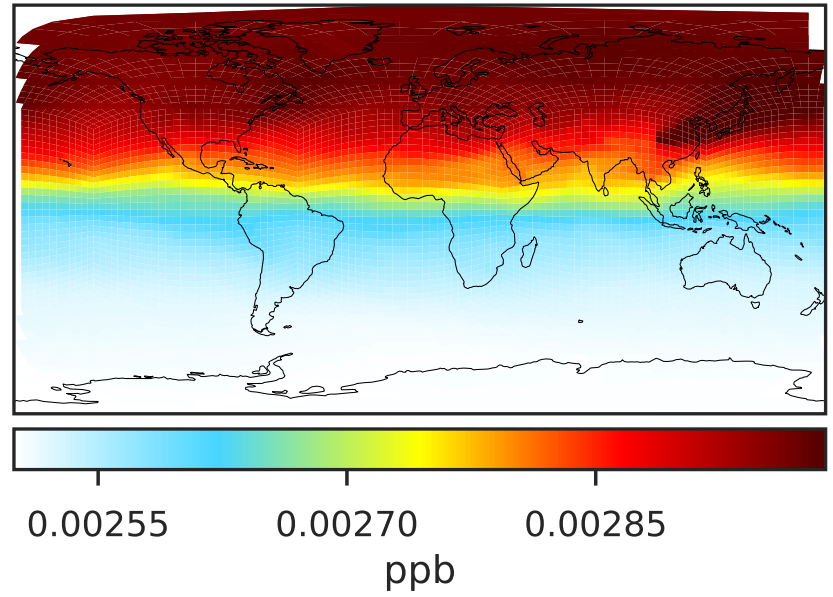


SpeciesConcVV_SF6 (AnnualMean)

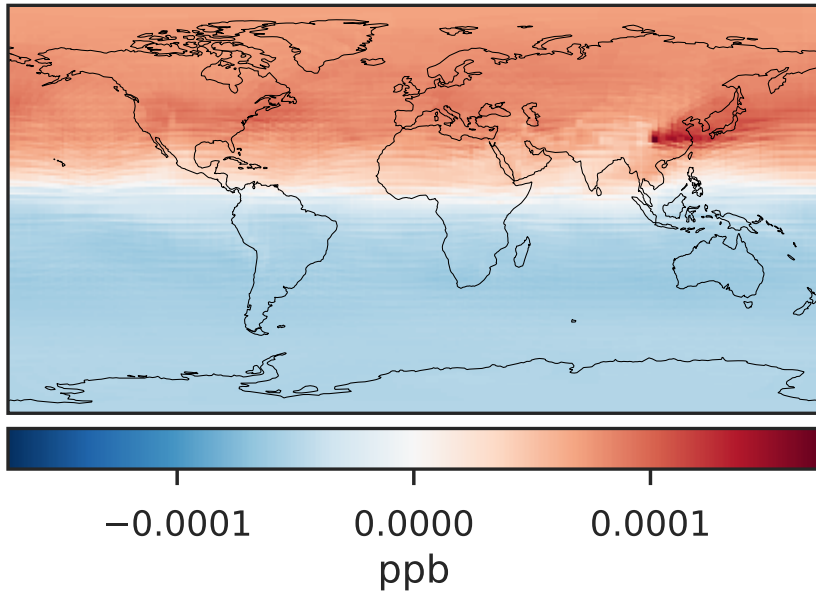
GCC 14.2.2 (Ref)
4.0x5.0



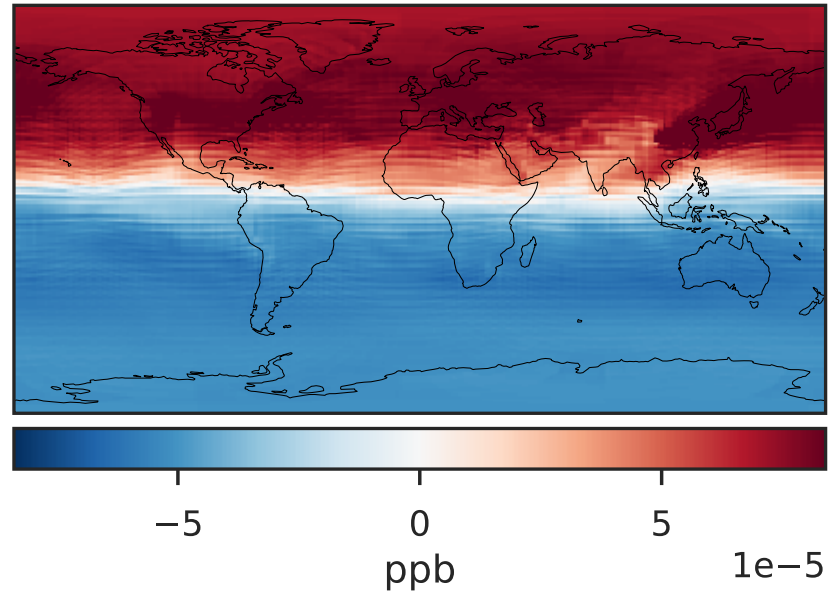
GCHP 14.2.2 using mass flux (Dev)
c30



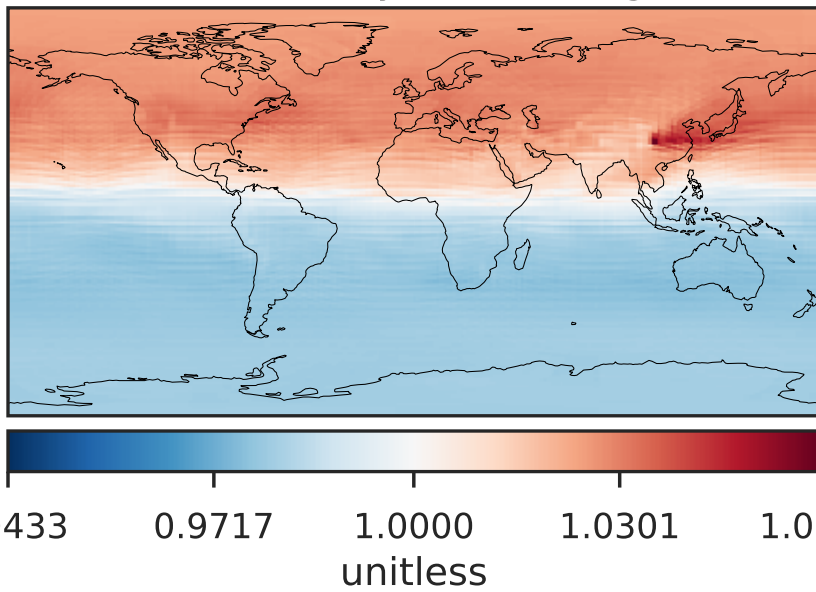
Difference (1x1.25)
Dev - Ref, Dynamic Range



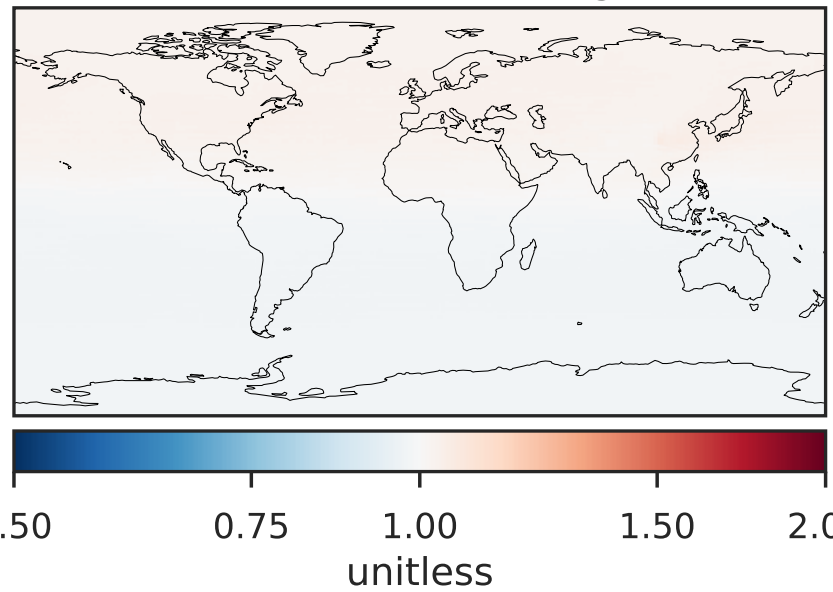
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

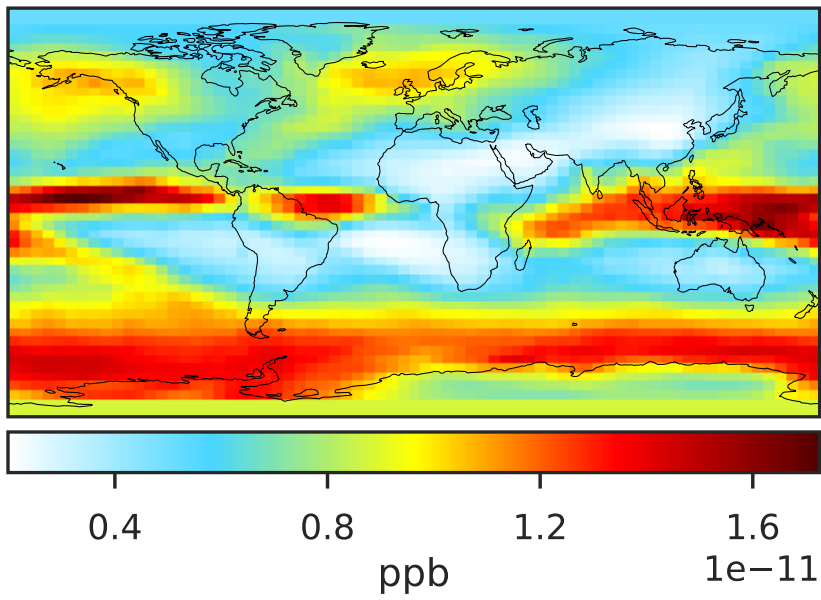


Ratio (1x1.25)
Dev/Ref, Fixed Range

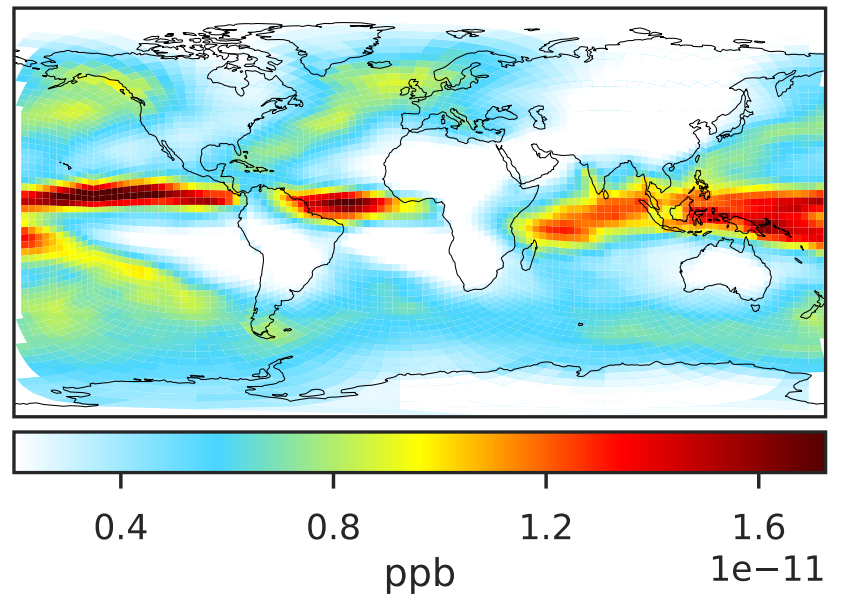


SpeciesConcVV_CH3I (AnnualMean)

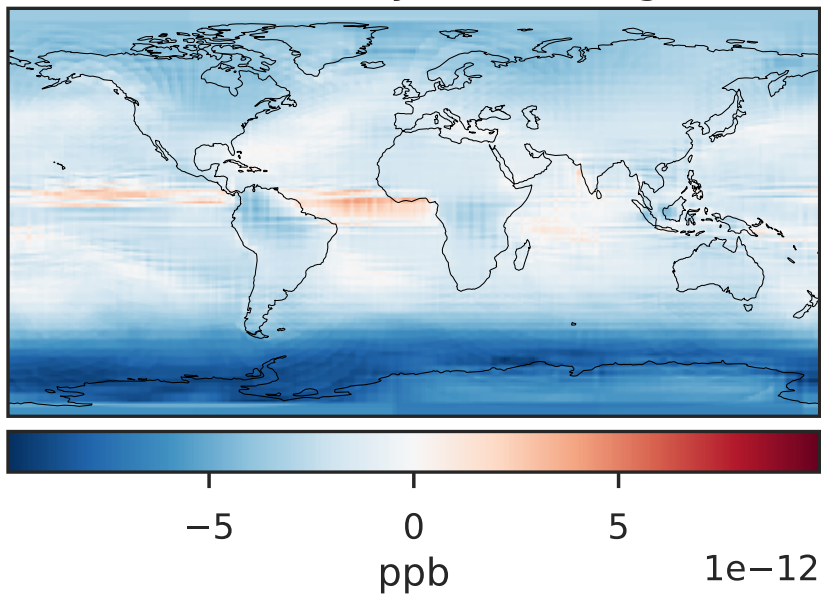
GCC 14.2.2 (Ref)
4.0x5.0



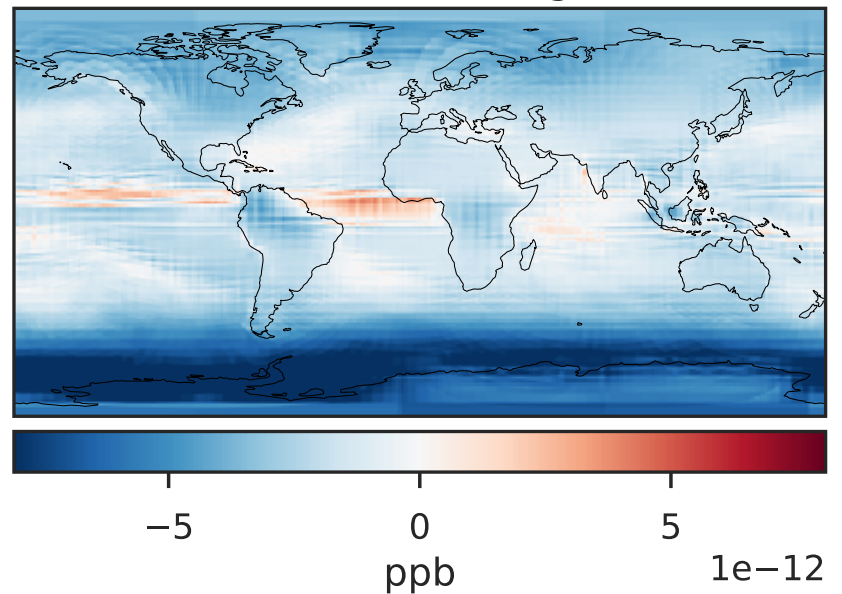
GCHP 14.2.2 using mass flux (Dev)
c30



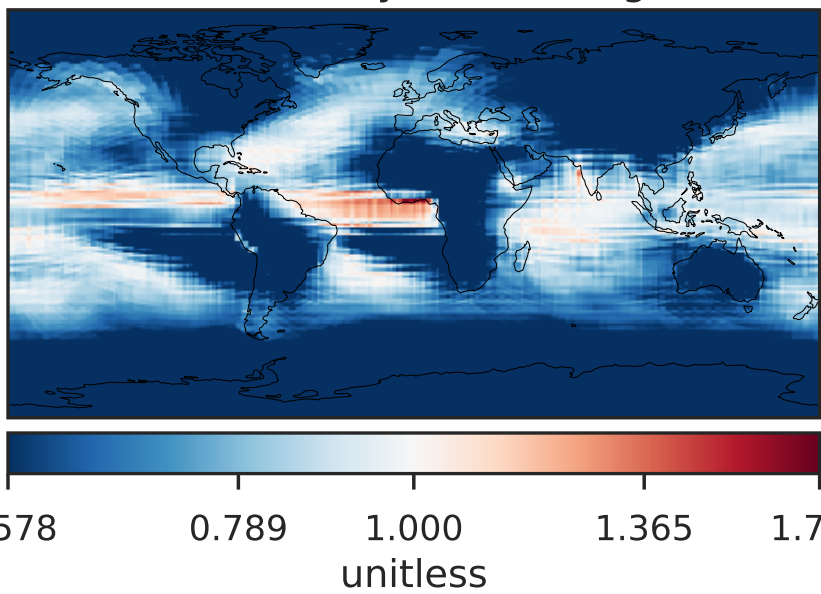
Difference (1x1.25)
Dev - Ref, Dynamic Range



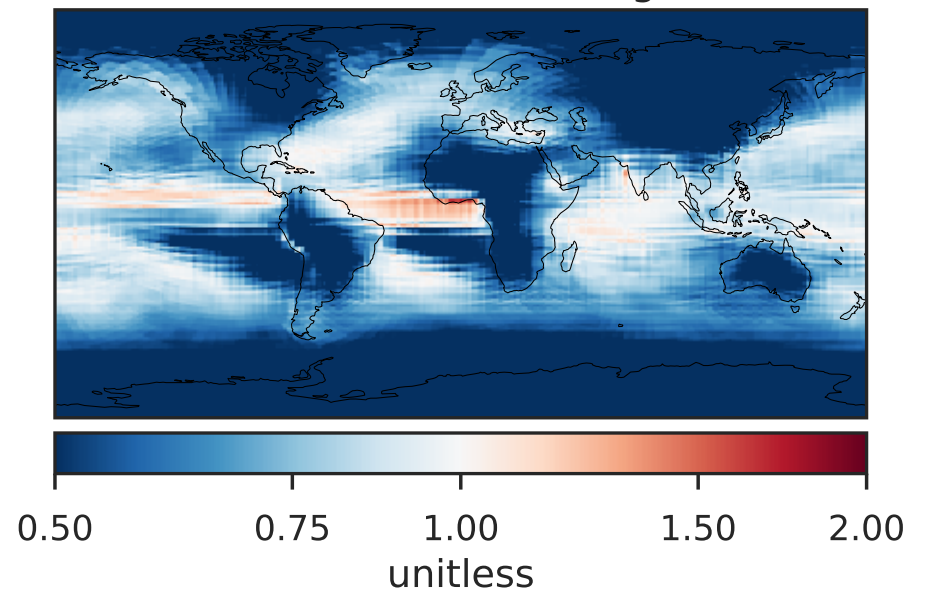
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

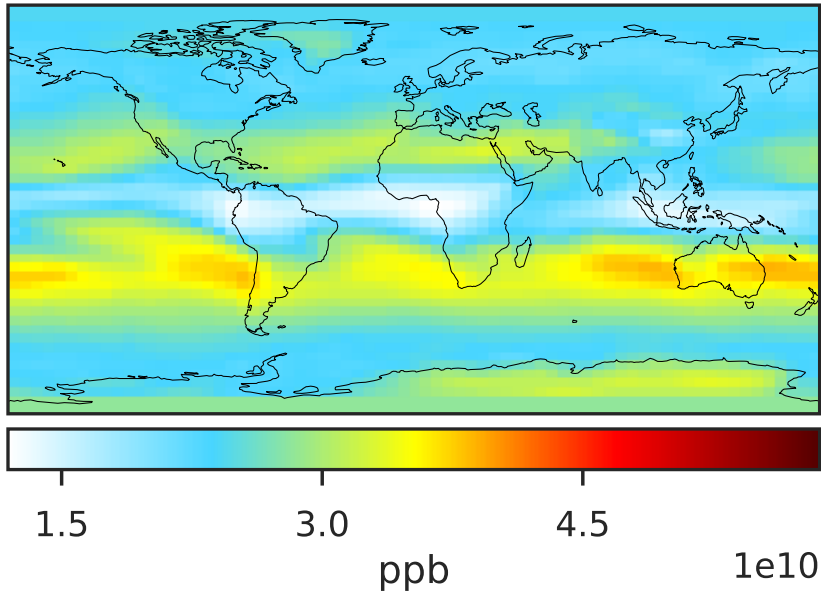


Ratio (1x1.25)
Dev/Ref, Fixed Range

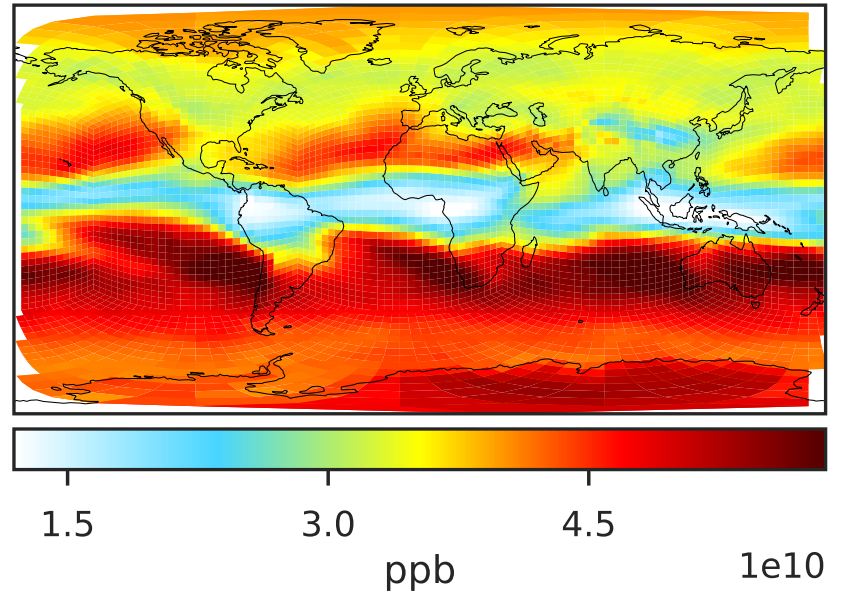


SpeciesConcVV_aoa (AnnualMean)

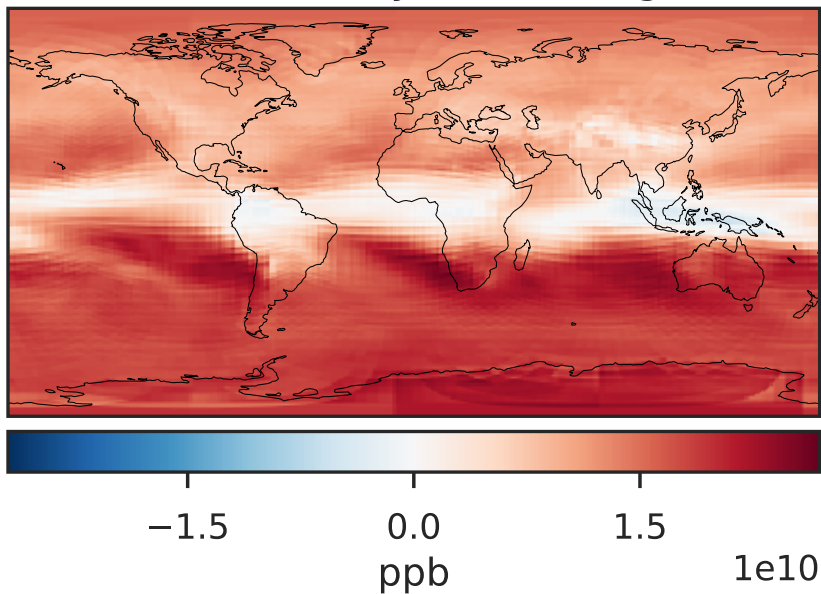
GCC 14.2.2 (Ref)
4.0x5.0



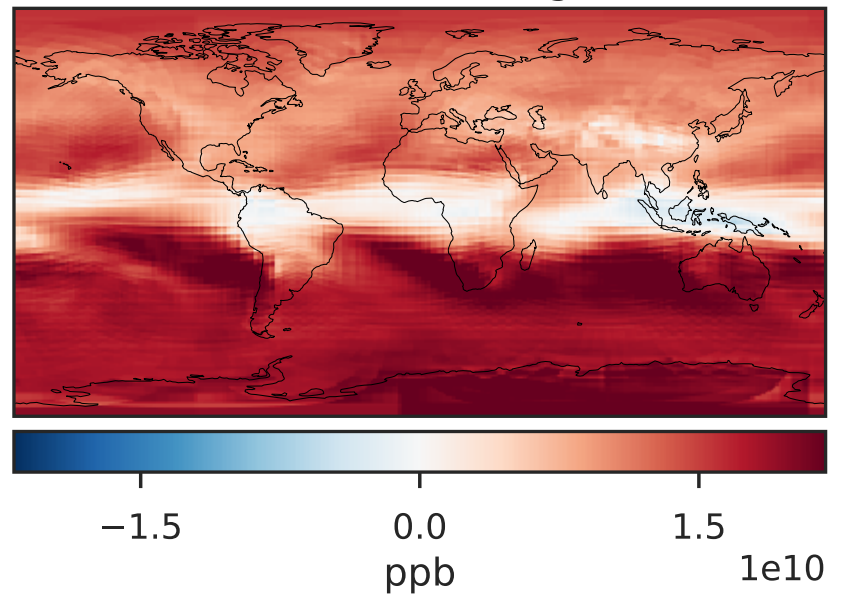
GCHP 14.2.2 using mass flux (Dev)
c30



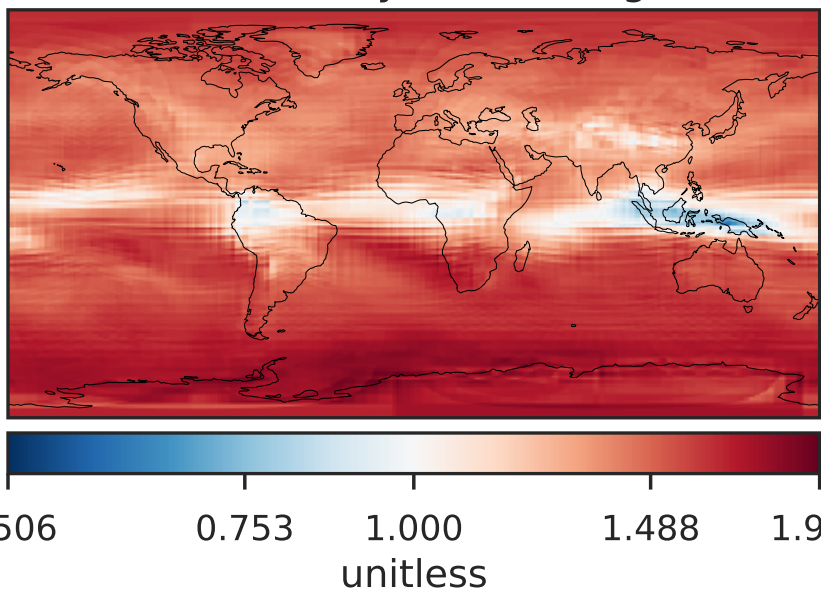
Difference (1x1.25)
Dev - Ref, Dynamic Range



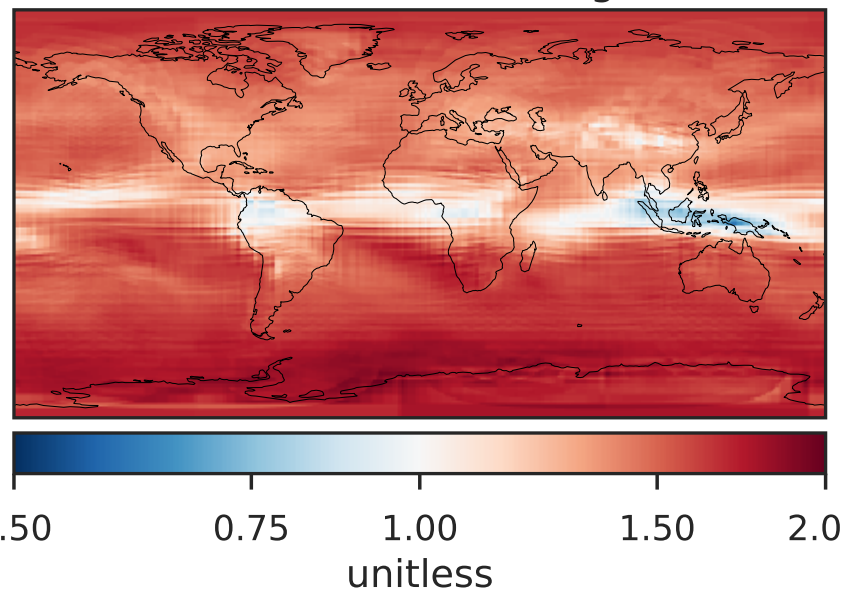
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

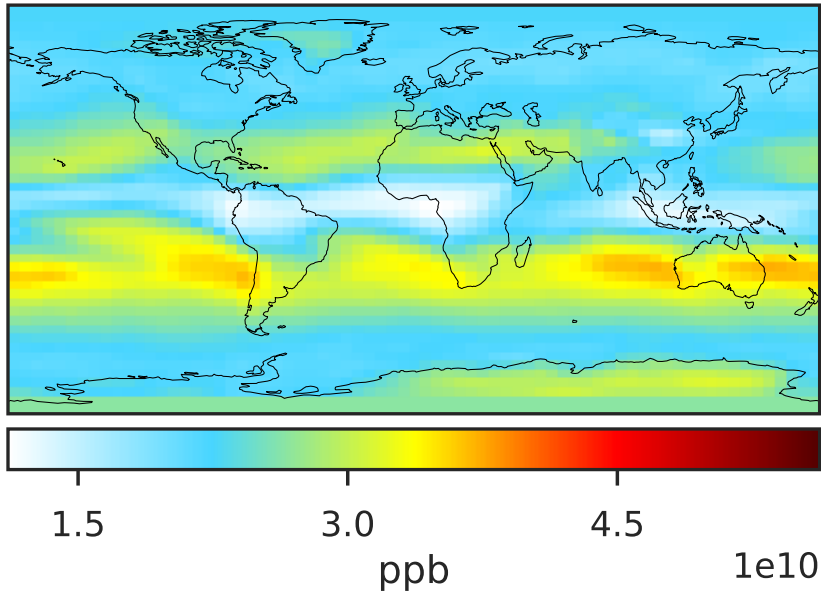


Ratio (1x1.25)
Dev/Ref, Fixed Range

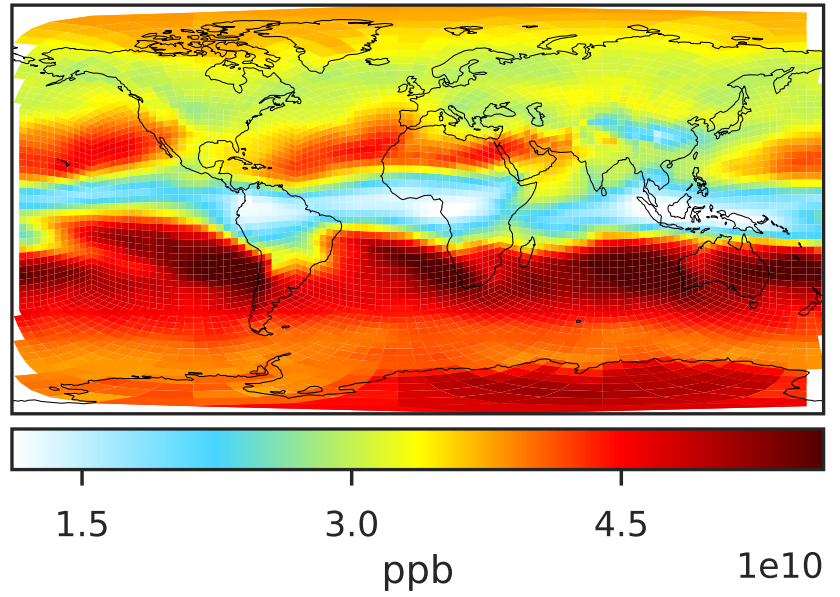


SpeciesConcVV_aoa_bl (AnnualMean)

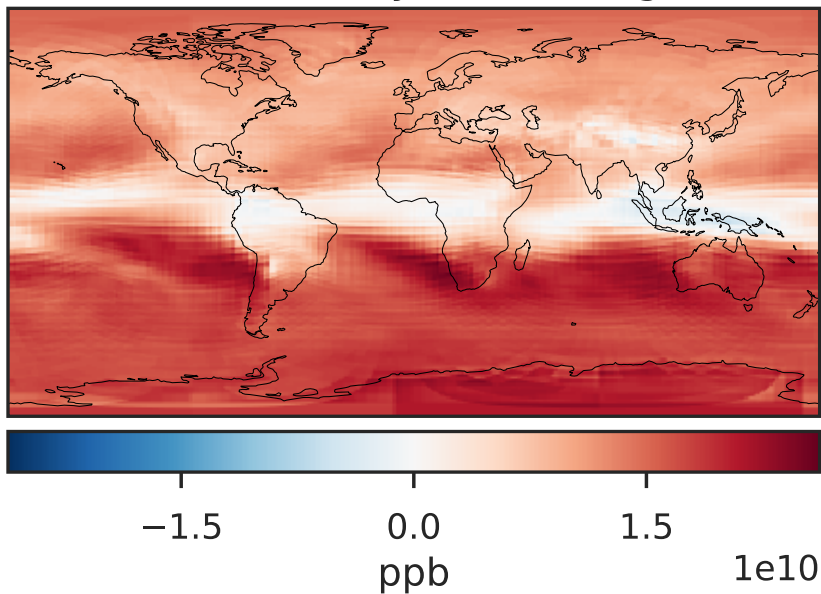
GCC 14.2.2 (Ref)
4.0x5.0



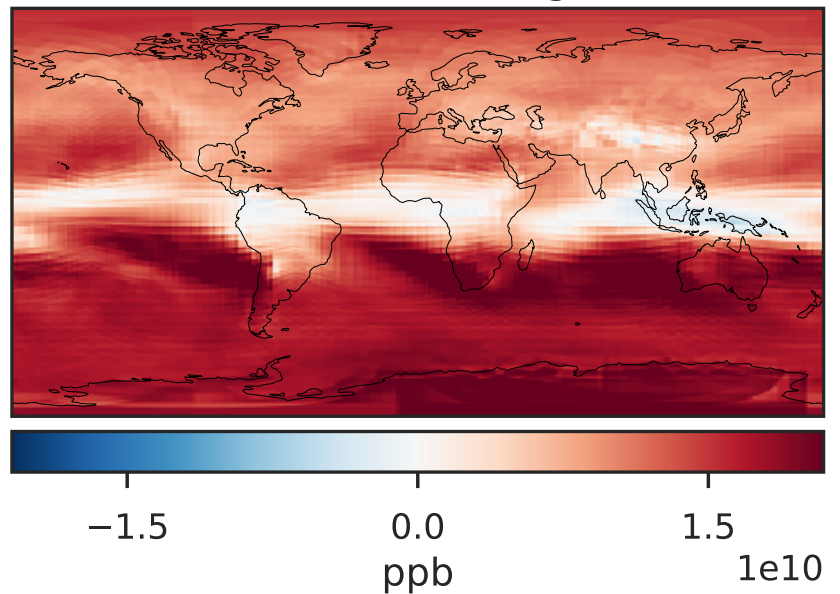
GCHP 14.2.2 using mass flux (Dev)
c30



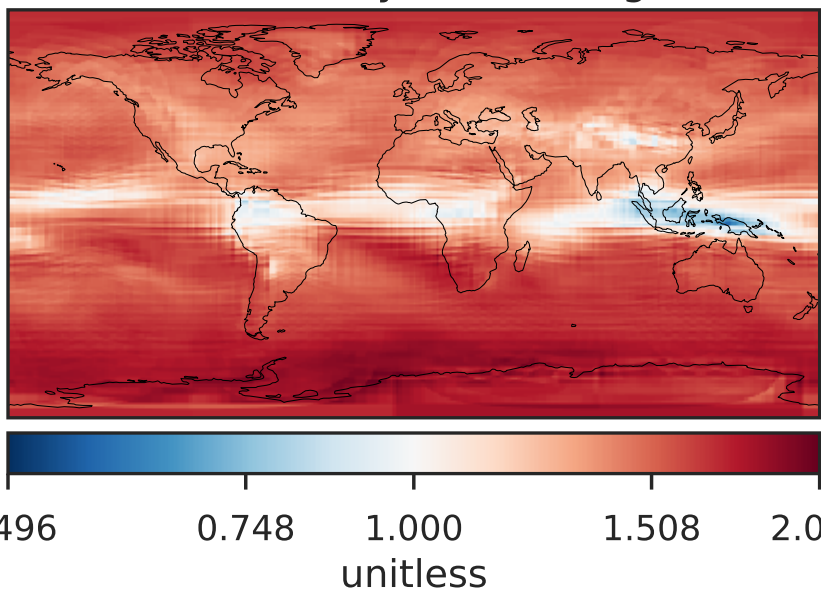
Difference (1x1.25)
Dev - Ref, Dynamic Range



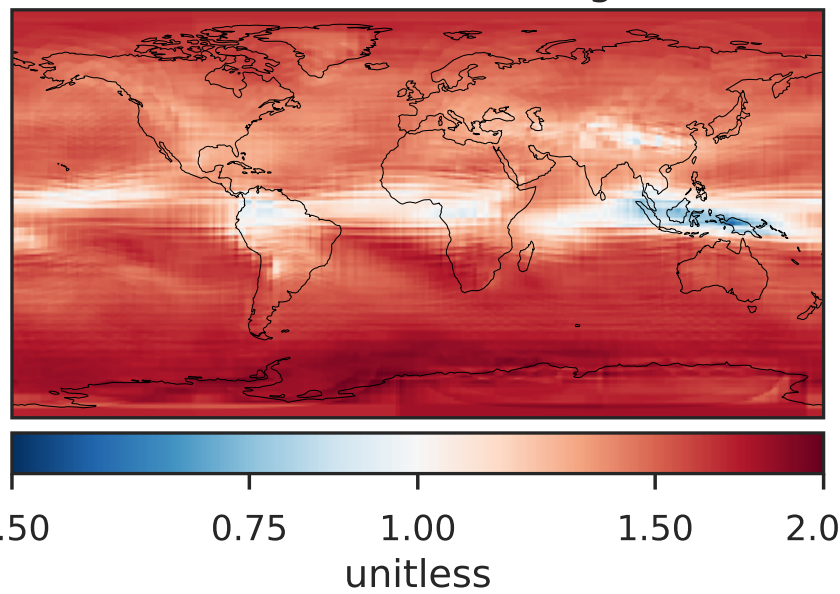
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

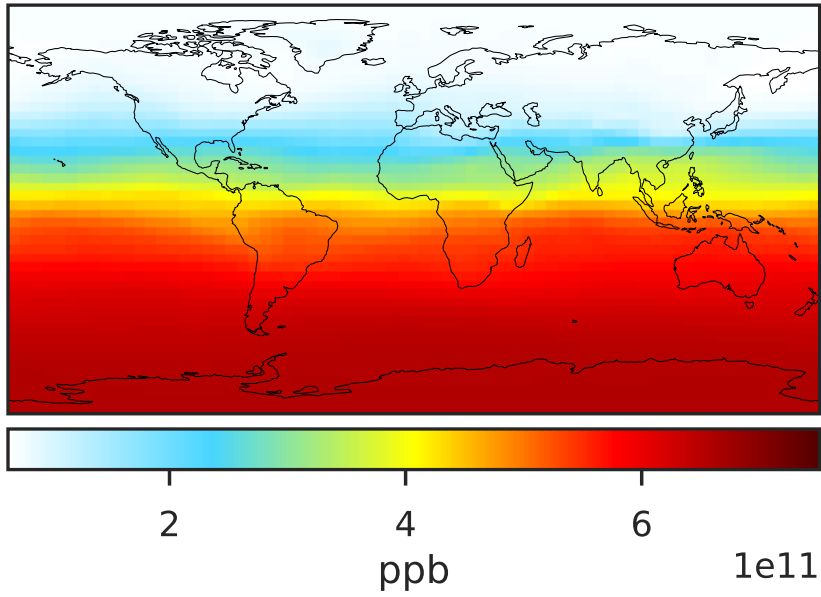


Ratio (1x1.25)
Dev/Ref, Fixed Range

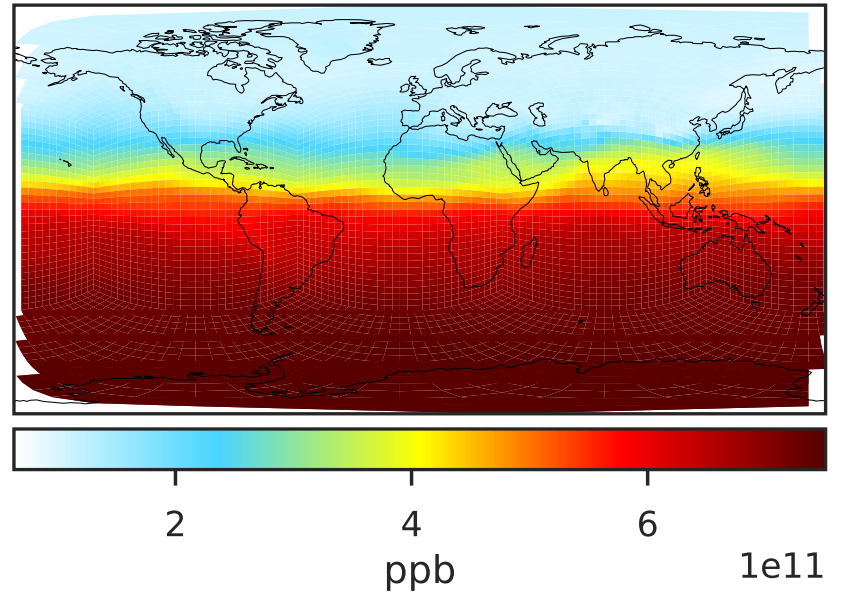


SpeciesConcVW_aoa_nh (AnnualMean)

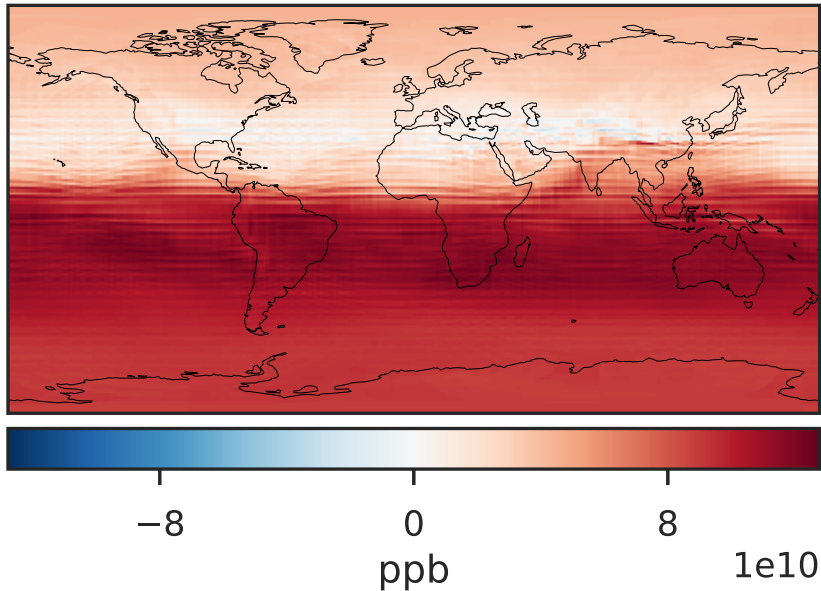
GCC 14.2.2 (Ref)
4.0x5.0



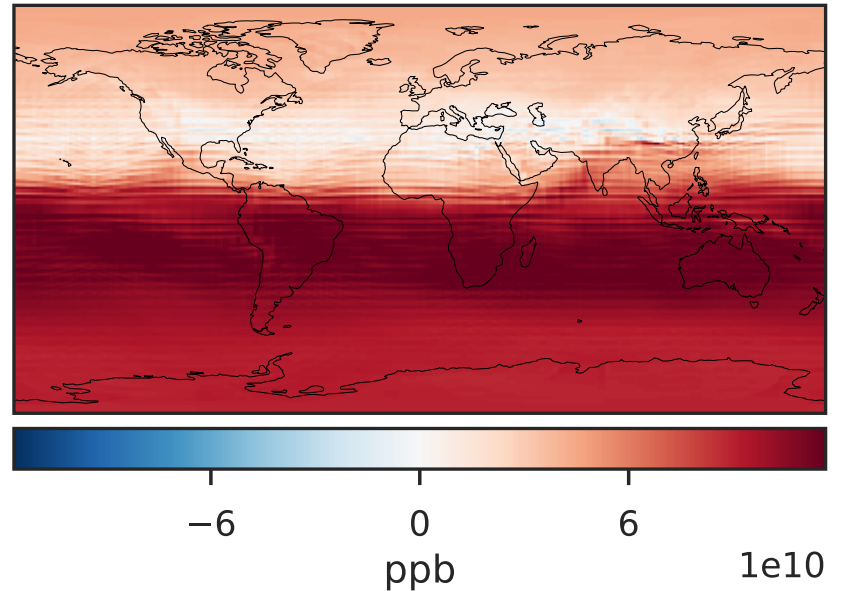
GCHP 14.2.2 using mass flux (Dev)
c30



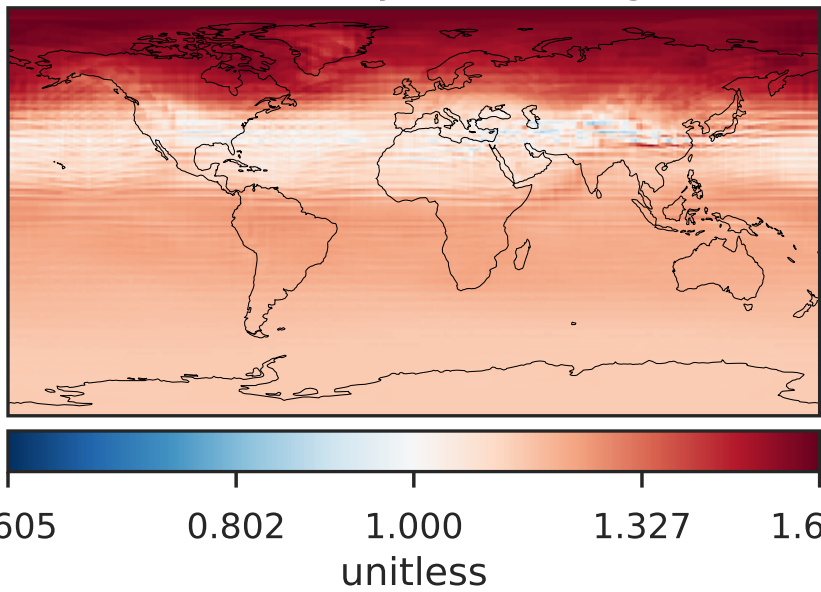
Difference (1x1.25)
Dev - Ref, Dynamic Range



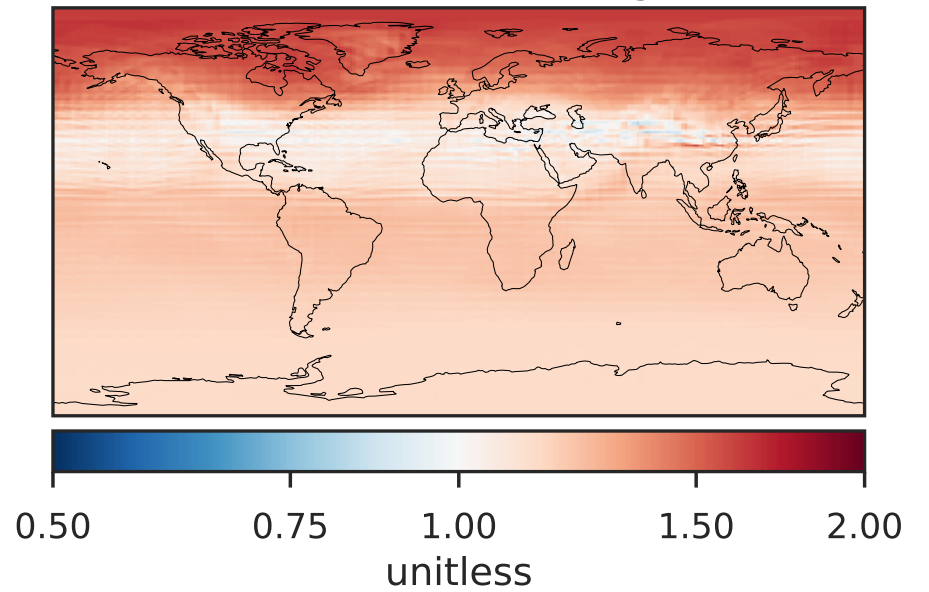
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

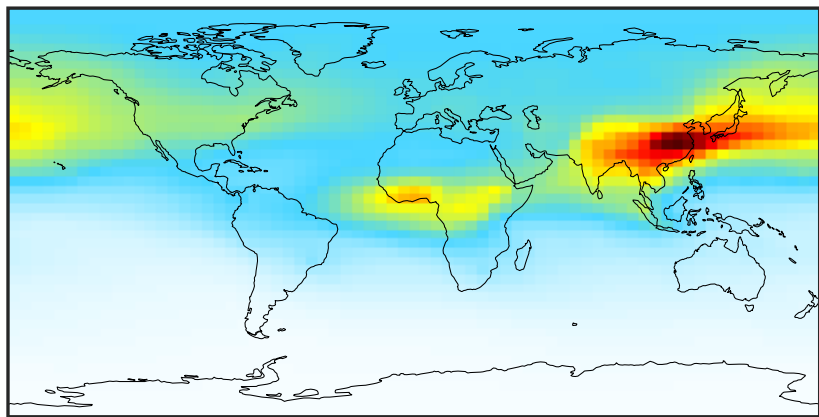


Ratio (1x1.25)
Dev/Ref, Fixed Range



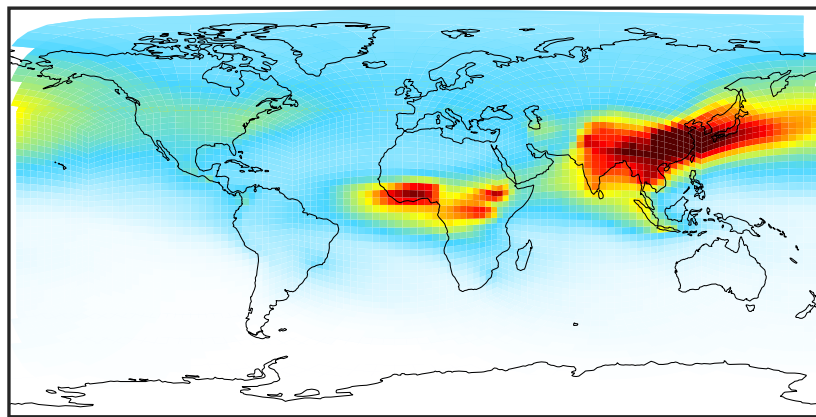
SpeciesConcVV_CO_25 (AnnualMean)

GCC 14.2.2 (Ref)
4.0x5.0



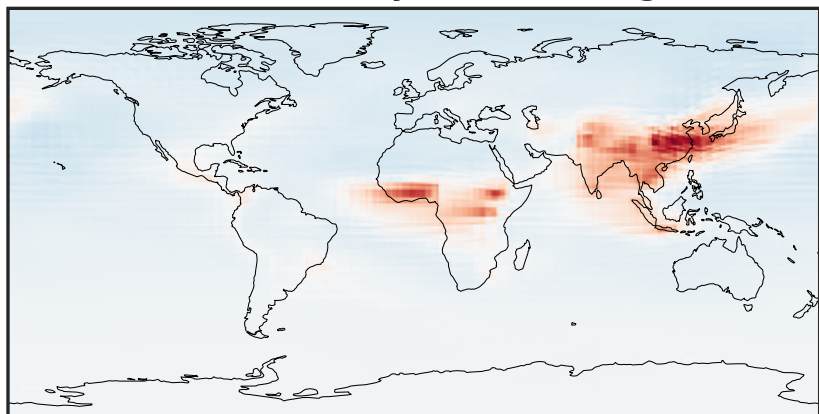
0.53 9.21 17.88 26.55 35.23
ppb

GCHP 14.2.2 using mass flux (Dev)
c30



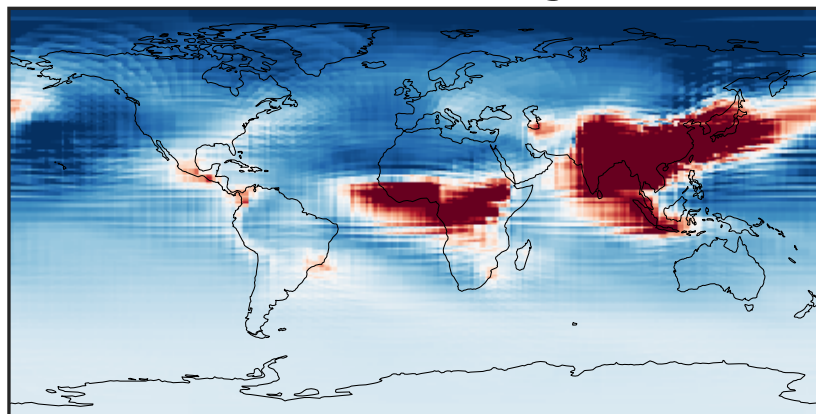
0.53 9.21 17.88 26.55 35.23
ppb

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



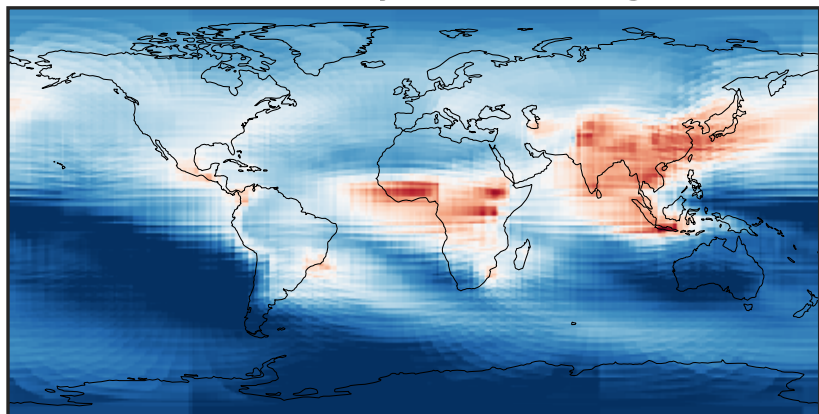
-18.53 -9.26 0.00 9.26 18.53
ppb

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



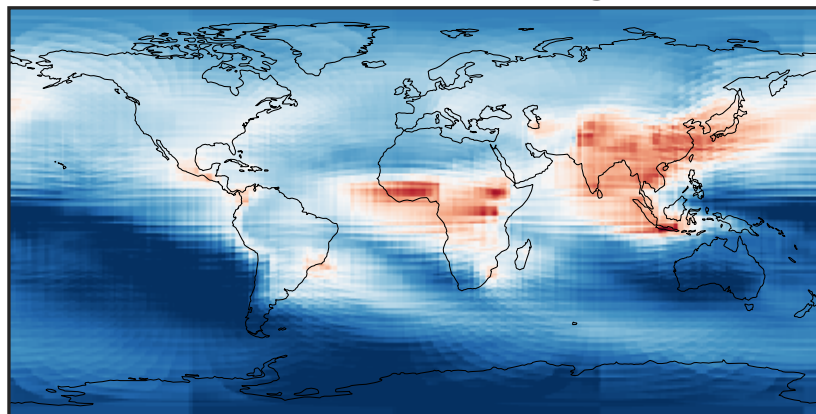
-3.252 -1.626 0.000 1.626 3.252
ppb

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



0.509 0.754 1.000 1.482 1.965
unitless

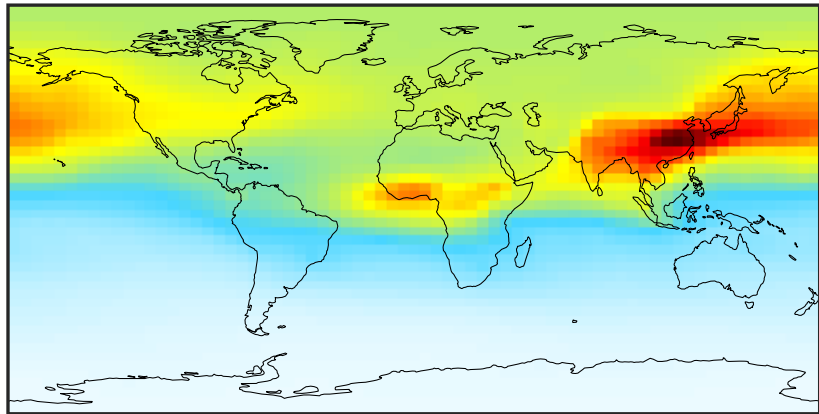
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

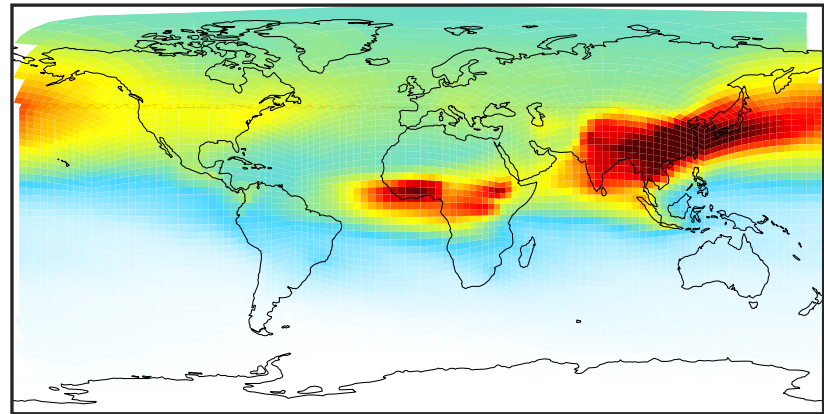
SpeciesConcVV_CO_50 (AnnualMean)

GCC 14.2.2 (Ref)
4.0x5.0



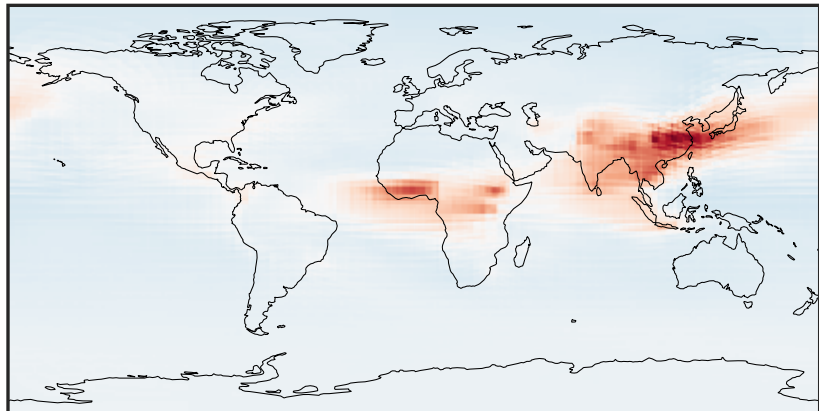
2.23 14.24 26.25 38.25 50.26
ppb

GCHP 14.2.2 using mass flux (Dev)
c30



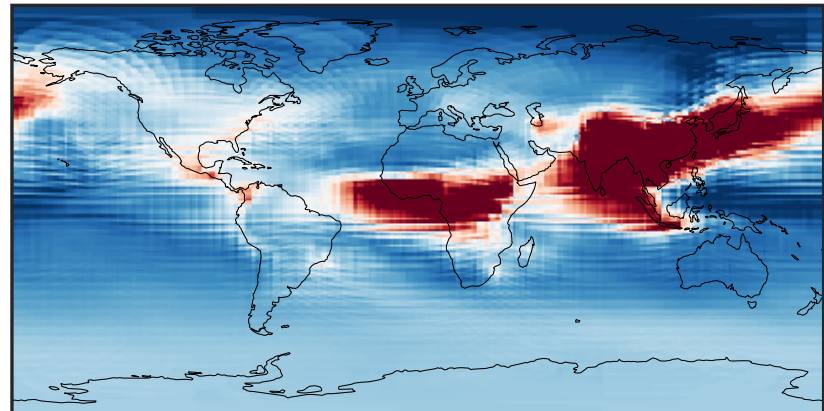
2.23 14.24 26.25 38.25 50.26
ppb

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



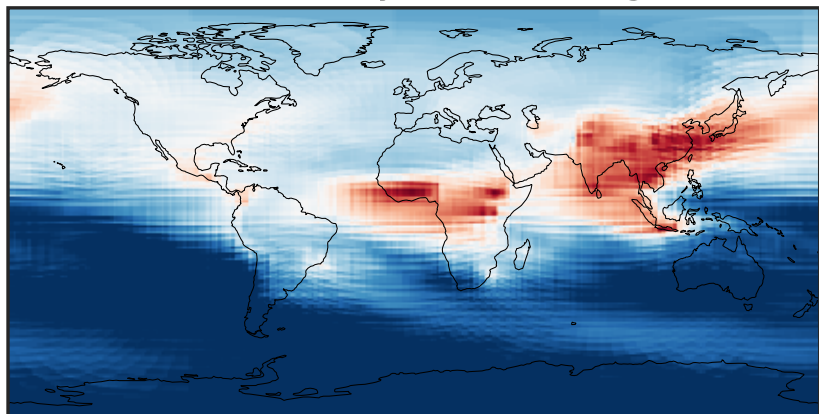
-25.79 -12.89 0.00 12.89 25.79
ppb

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



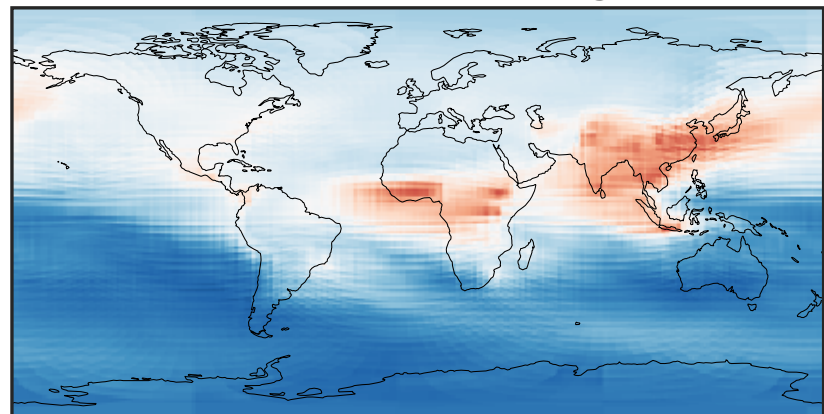
-4.2 -2.1 0.0 2.1 4.2
ppb

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



0.6355 0.8178 1.0000 1.2867 1.5734
unitless

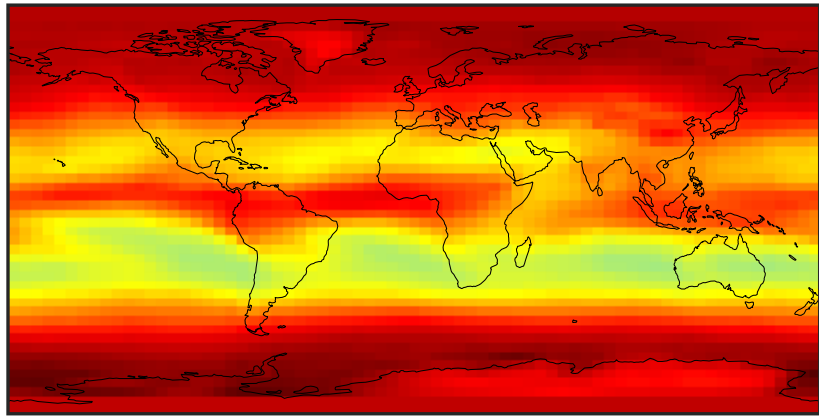
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

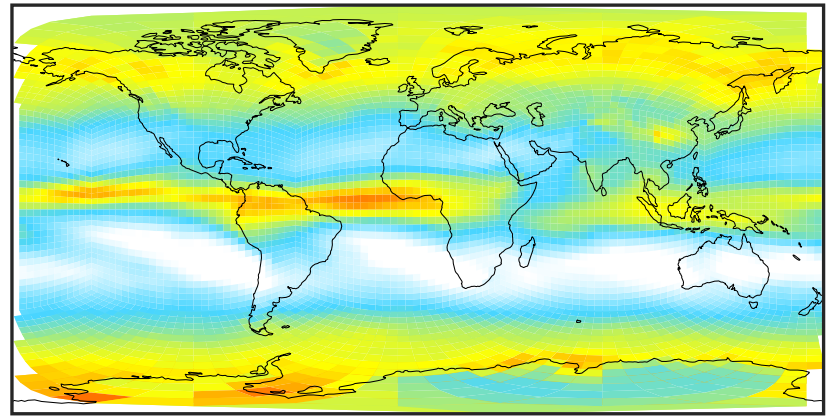
SpeciesConcVV_e90 (AnnualMean)

GCC 14.2.2 (Ref)
4.0x5.0



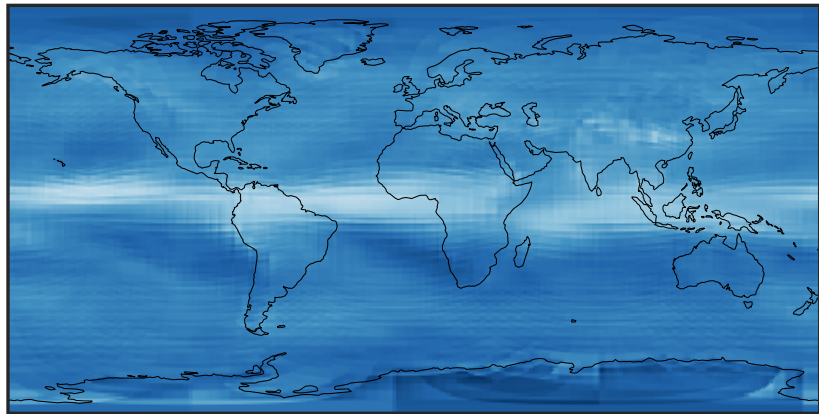
50.94 58.93 66.91 74.90 82.88
ppb

GCHP 14.2.2 using mass flux (Dev)
c30



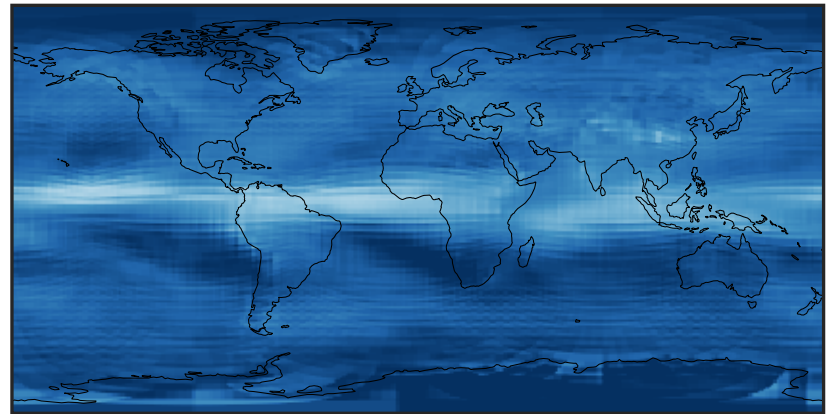
50.94 58.93 66.91 74.90 82.88
ppb

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



-17.4 -8.7 0.0 8.7 17.4
ppb

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



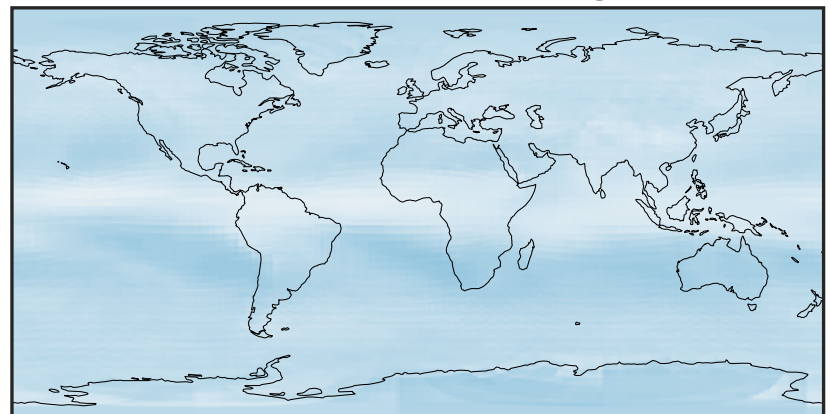
-14.4 -7.2 0.0 7.2 14.4
ppb

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



0.9461 0.9731 1.0000 1.0285 1.0569
unitless

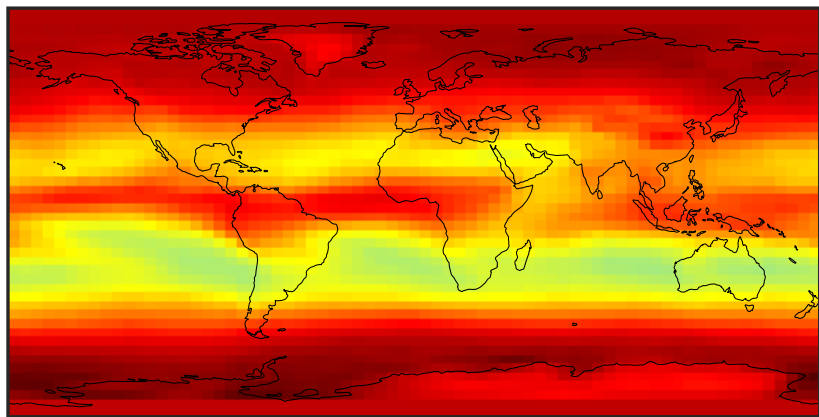
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

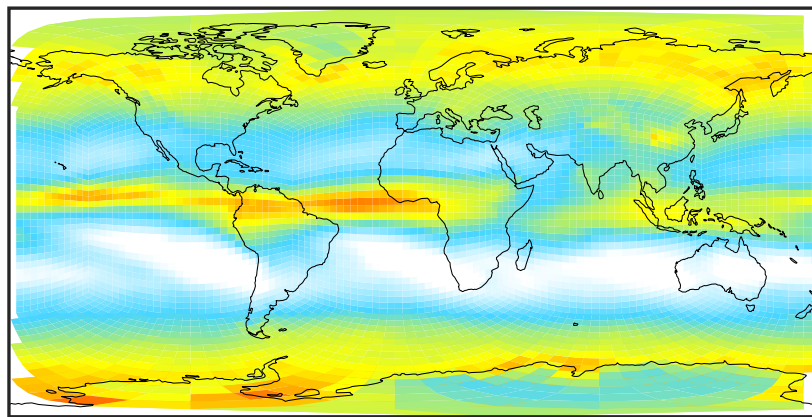
SpeciesConcVV_e90_n (AnnualMean)

GCC 14.2.2 (Ref)
4.0x5.0



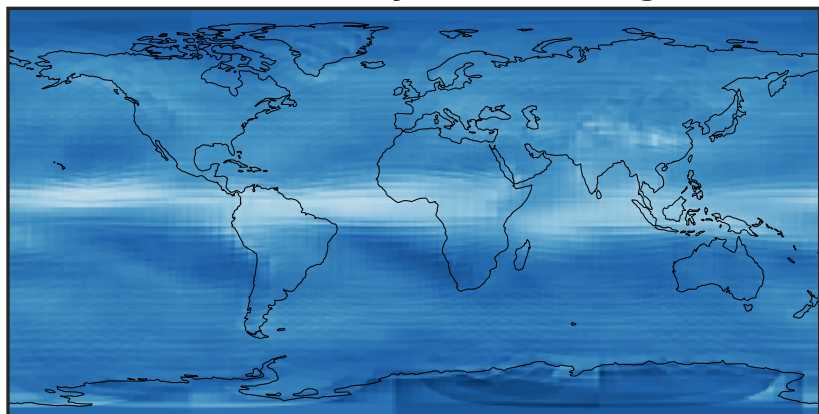
50.94 58.93 66.91 74.90 82.88
ppb

GCHP 14.2.2 using mass flux (Dev)
c30



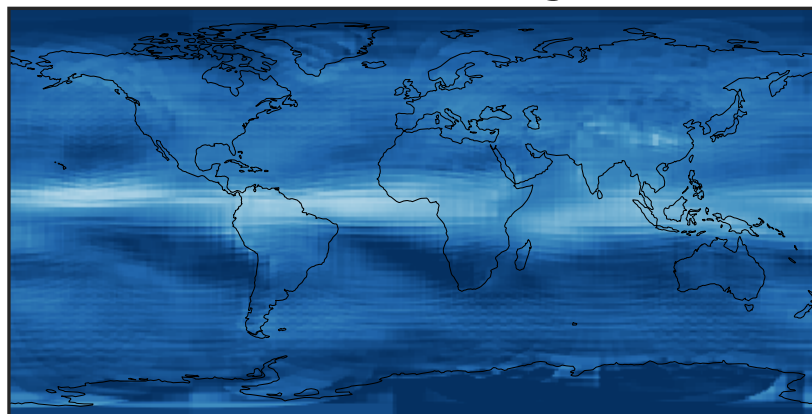
50.94 58.93 66.91 74.90 82.88
ppb

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



-17.4 -8.7 0.0 8.7 17.4
ppb

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



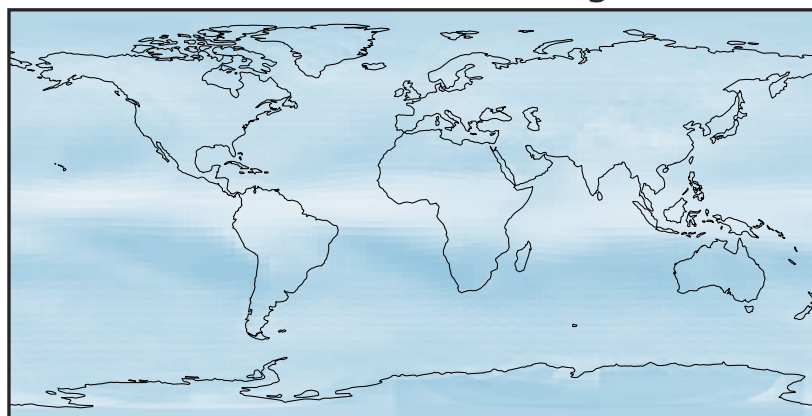
-14.4 -7.2 0.0 7.2 14.4
ppb

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



0.9461 0.9731 1.0000 1.0285 1.0569
unitless

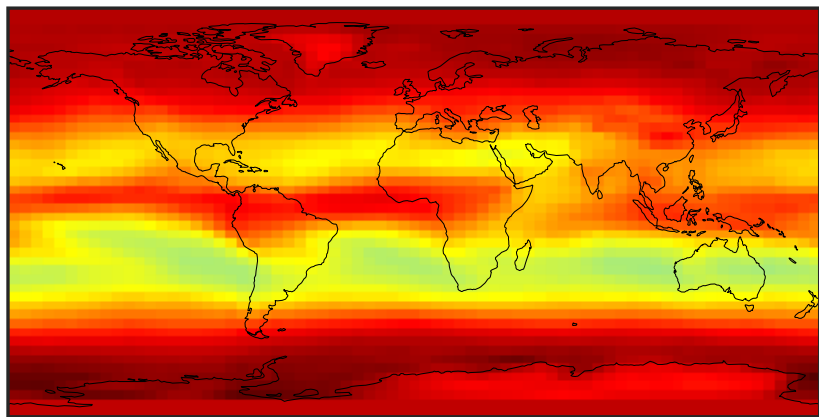
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

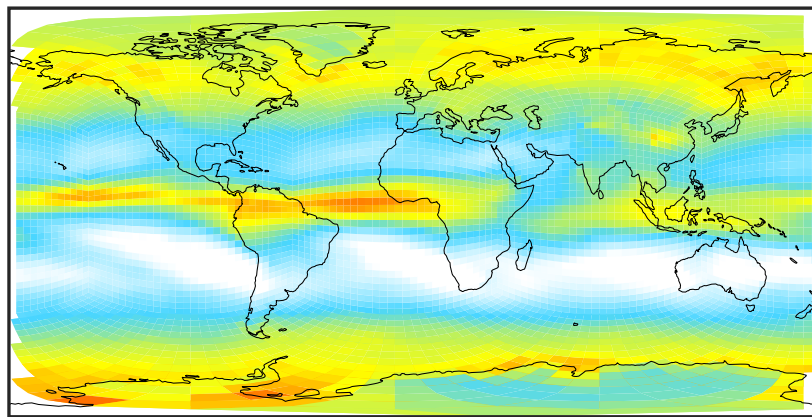
SpeciesConcVV_e90_s (AnnualMean)

GCC 14.2.2 (Ref)
4.0x5.0



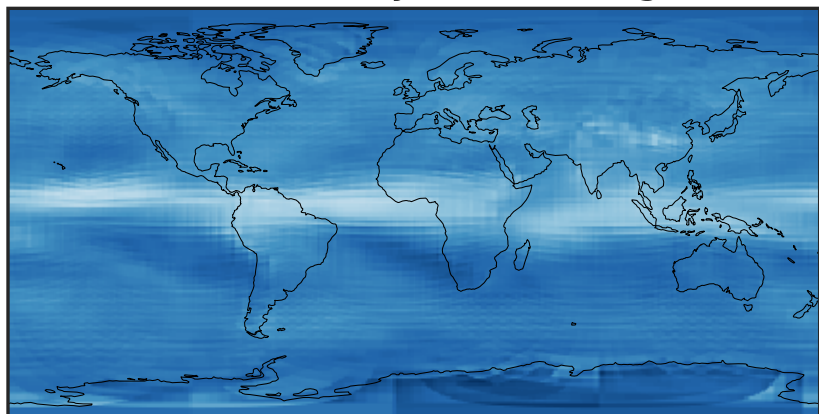
50.94 58.93 66.91 74.90 82.88
ppb

GCHP 14.2.2 using mass flux (Dev)
c30



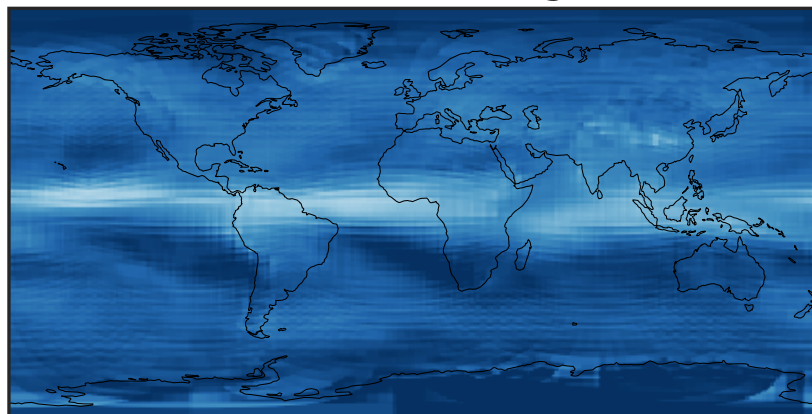
50.94 58.93 66.91 74.90 82.88
ppb

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



-17.4 -8.7 0.0 8.7 17.4
ppb

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



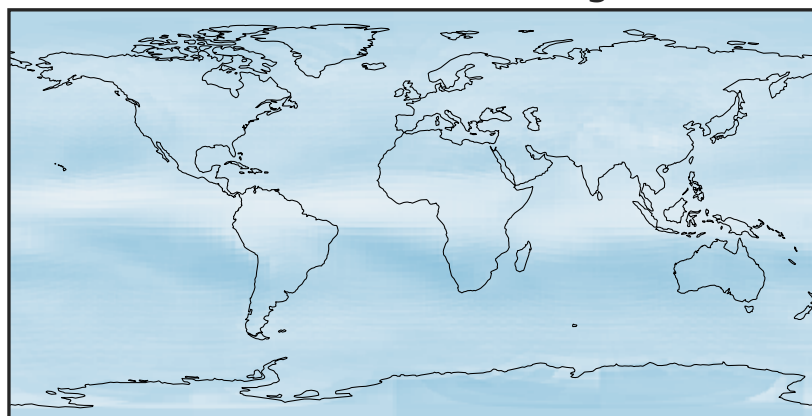
-14.4 -7.2 0.0 7.2 14.4
ppb

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



0.9461 0.9731 1.0000 1.0285 1.0569
unitless

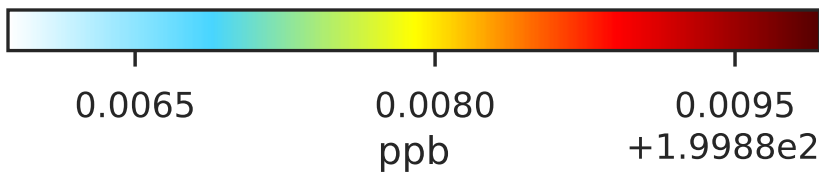
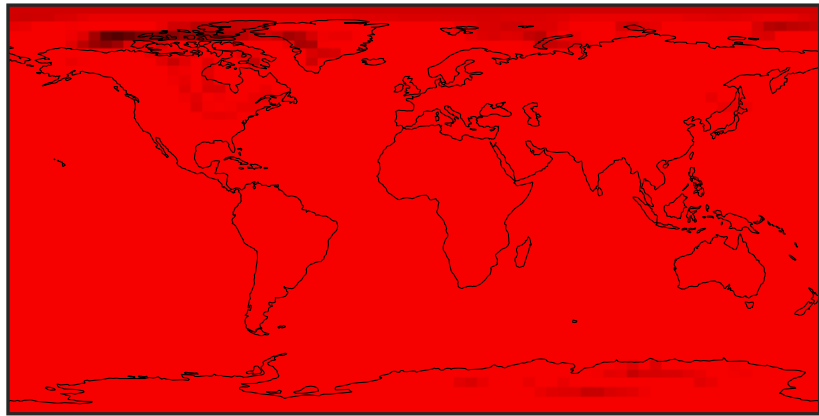
Ratio (1x1.25)
Dev/Ref, Fixed Range



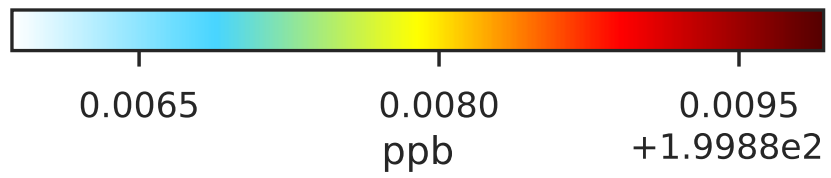
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_st80_25 (AnnualMean)

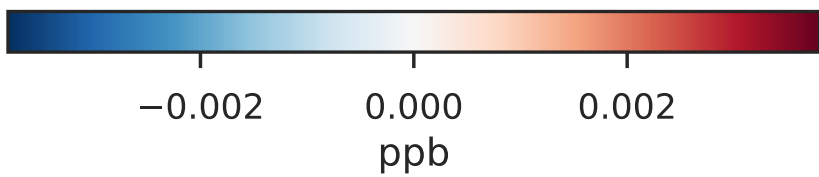
GCC 14.2.2 (Ref)
4.0x5.0



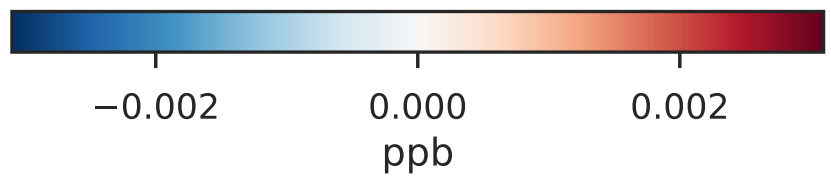
GCHP 14.2.2 using mass flux (Dev)
c30



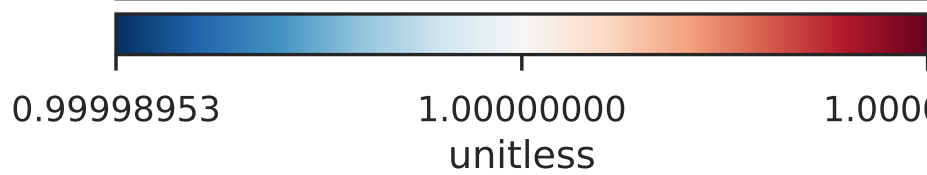
Difference (1x1.25)
Dev - Ref, Dynamic Range



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



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



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

