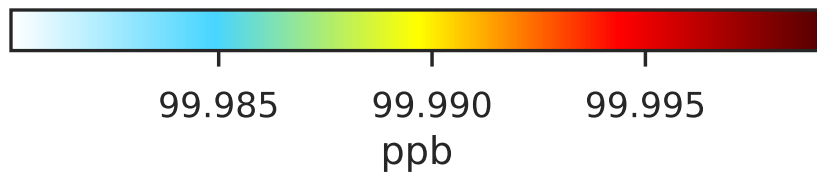
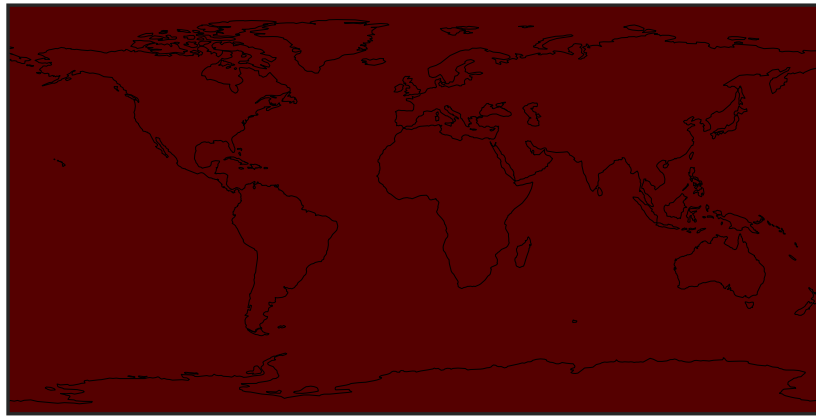
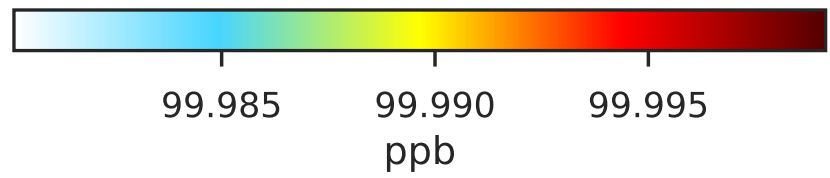
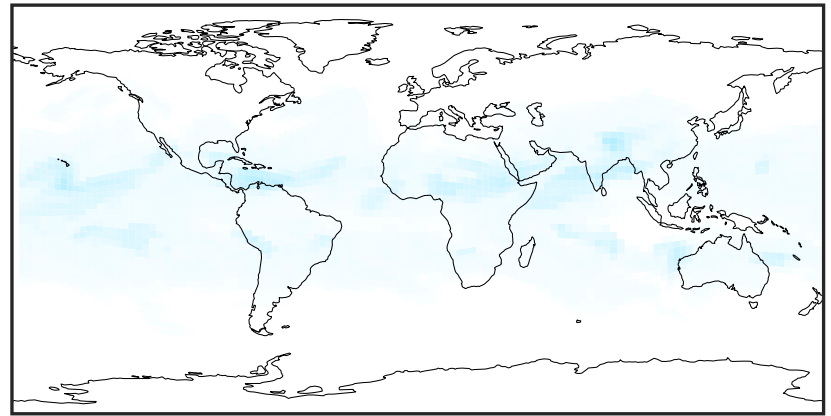


SpeciesConcVV_PassiveTracer (Apr2019)

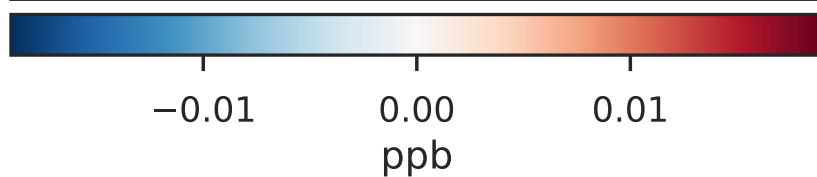
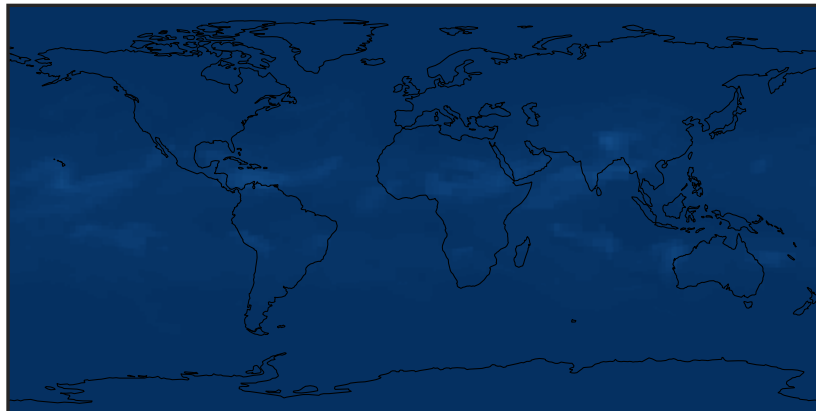
GCC 14.2.2 (Ref)
4.0x5.0



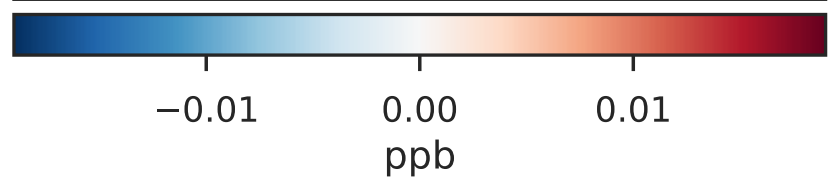
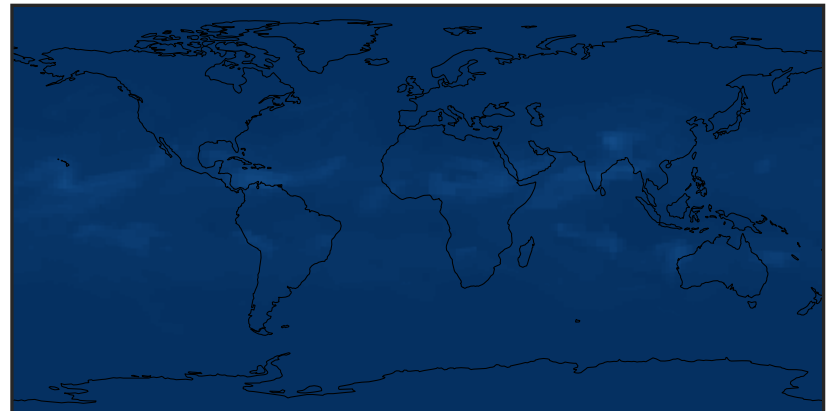
GCHP 14.2.2 using mass flux (Dev)
c30



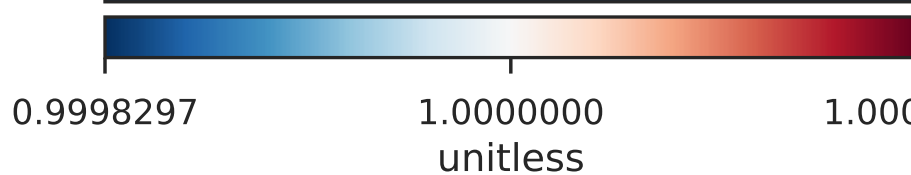
Difference (1x1.25)
Dev - Ref, Dynamic Range



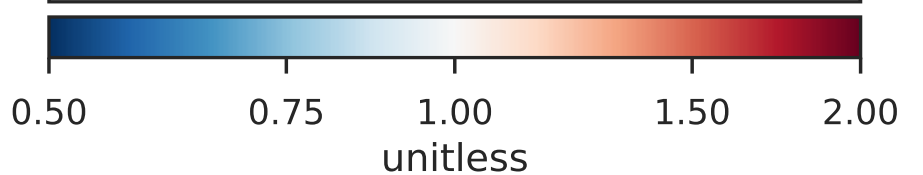
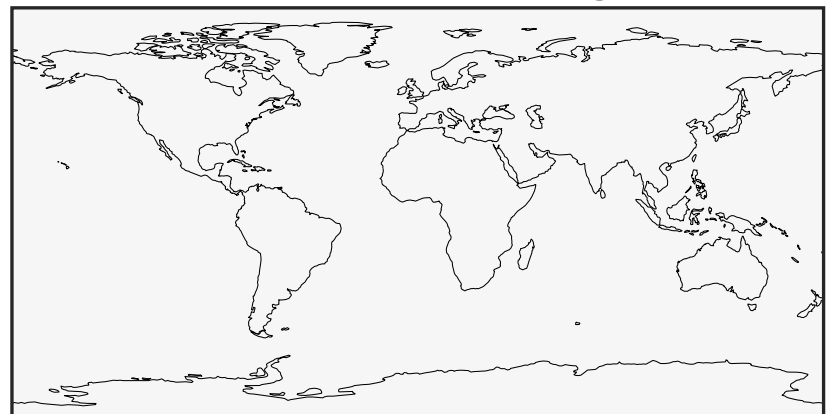
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

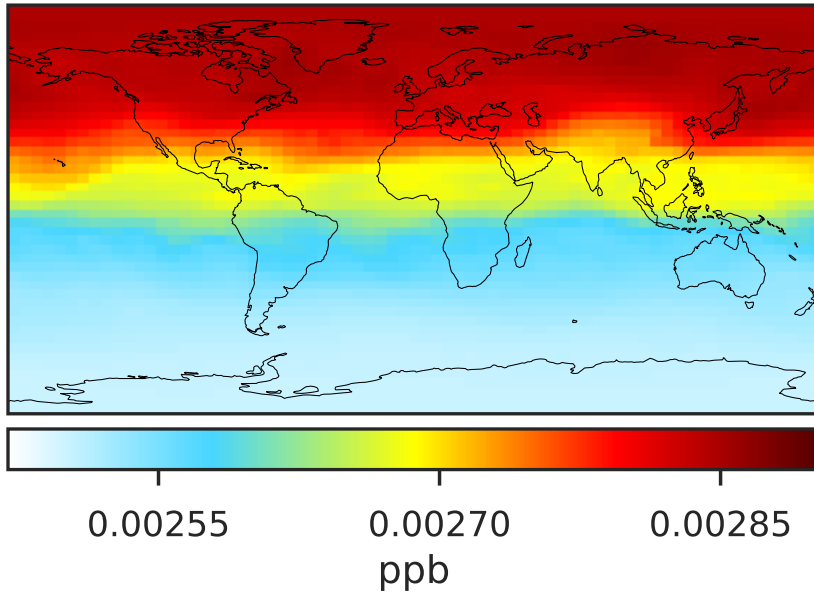


Ratio (1x1.25)
Dev/Ref, Fixed Range

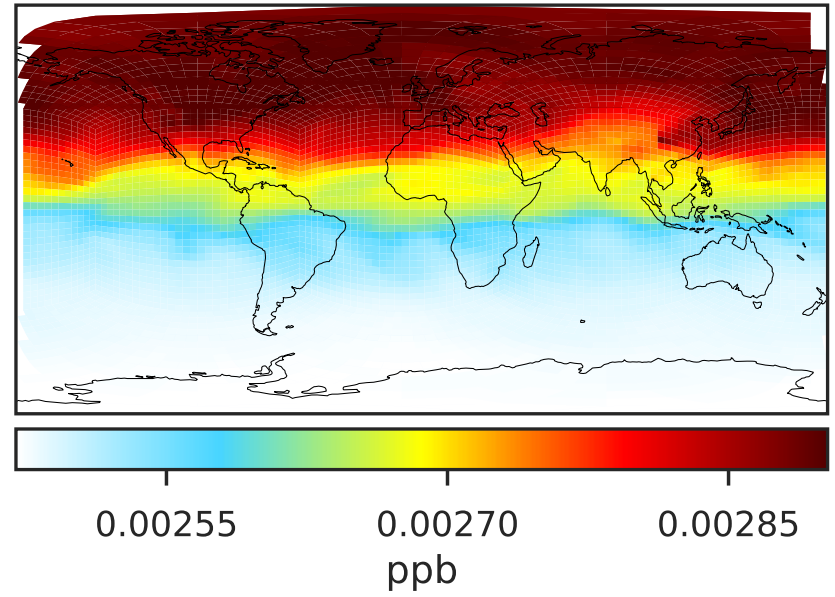


SpeciesConcVV_SF6 (Apr2019)

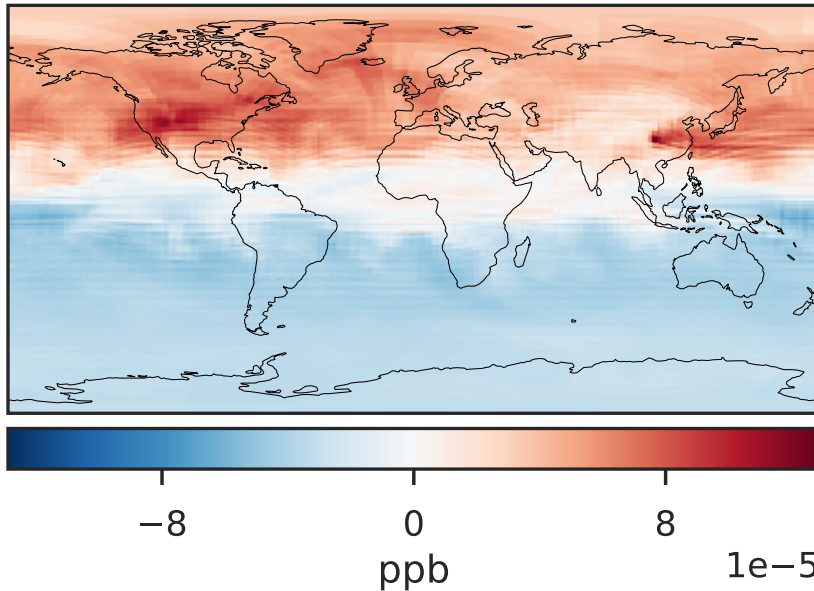
GCC 14.2.2 (Ref)
4.0x5.0



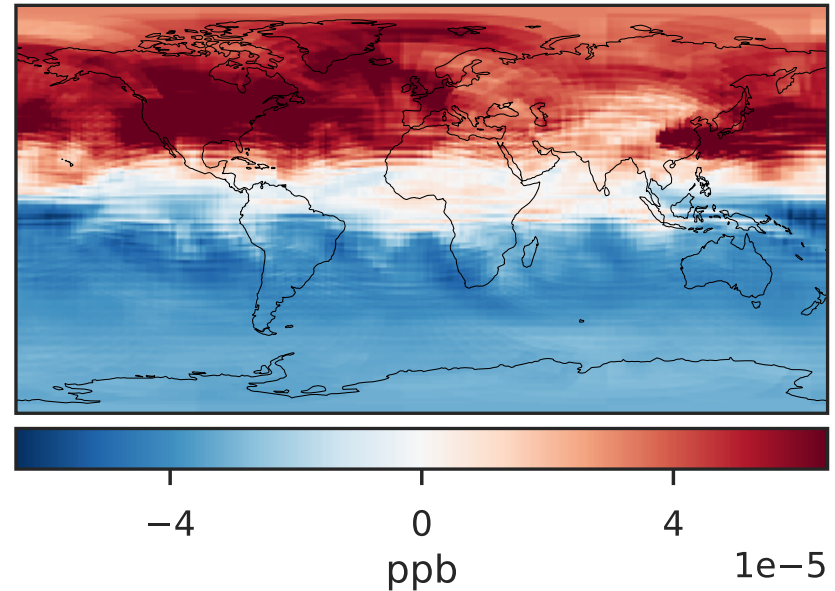
GCHP 14.2.2 using mass flux (Dev)
c30



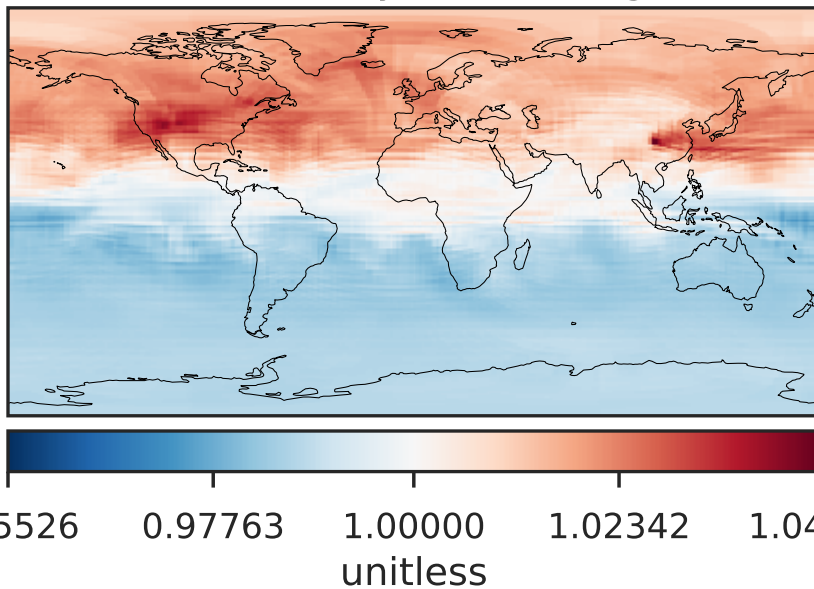
Difference (1x1.25)
Dev - Ref, Dynamic Range



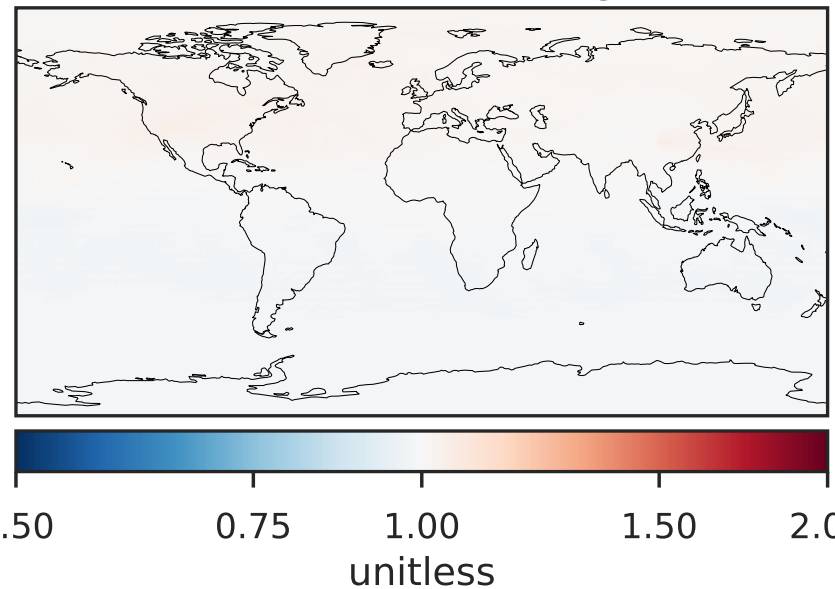
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

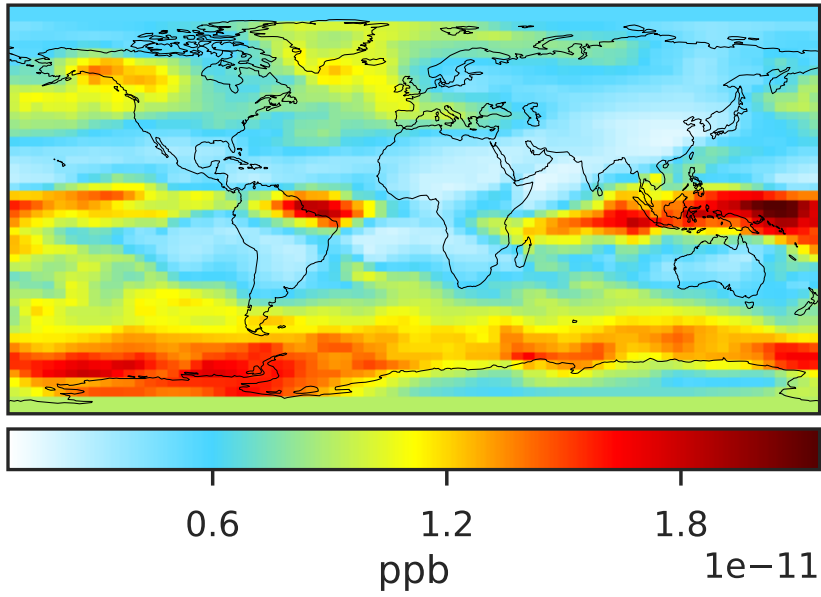


Ratio (1x1.25)
Dev/Ref, Fixed Range

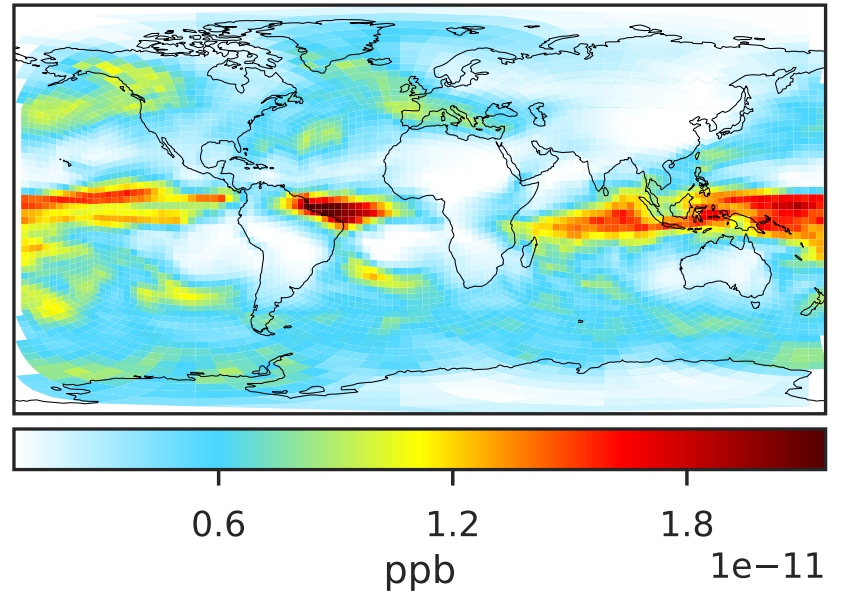


SpeciesConcVV_CH3I (Apr2019)

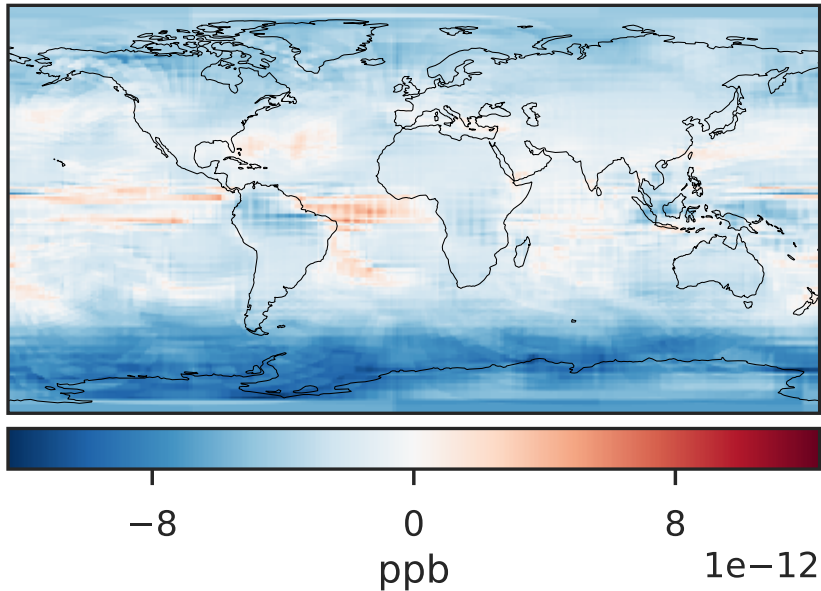
GCC 14.2.2 (Ref)
4.0x5.0



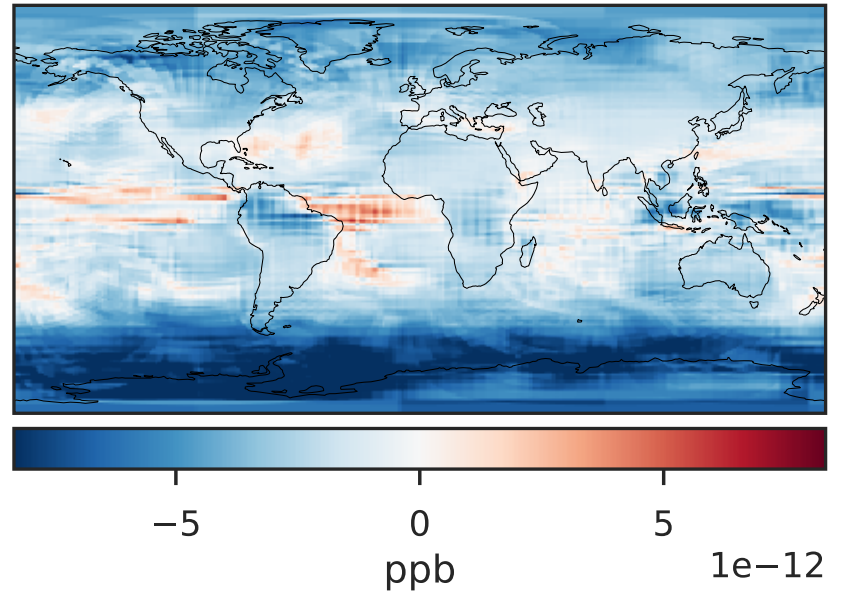
GCHP 14.2.2 using mass flux (Dev)
c30



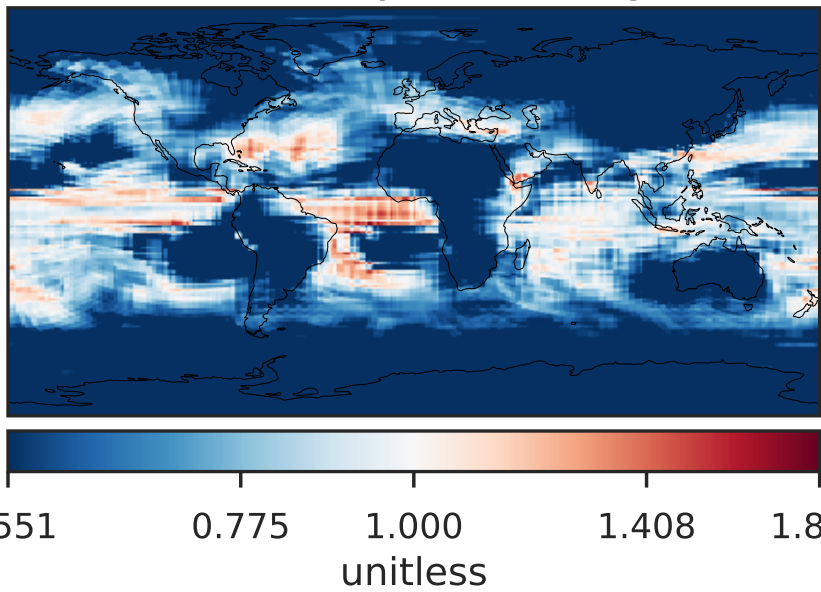
Difference (1x1.25)
Dev - Ref, Dynamic Range



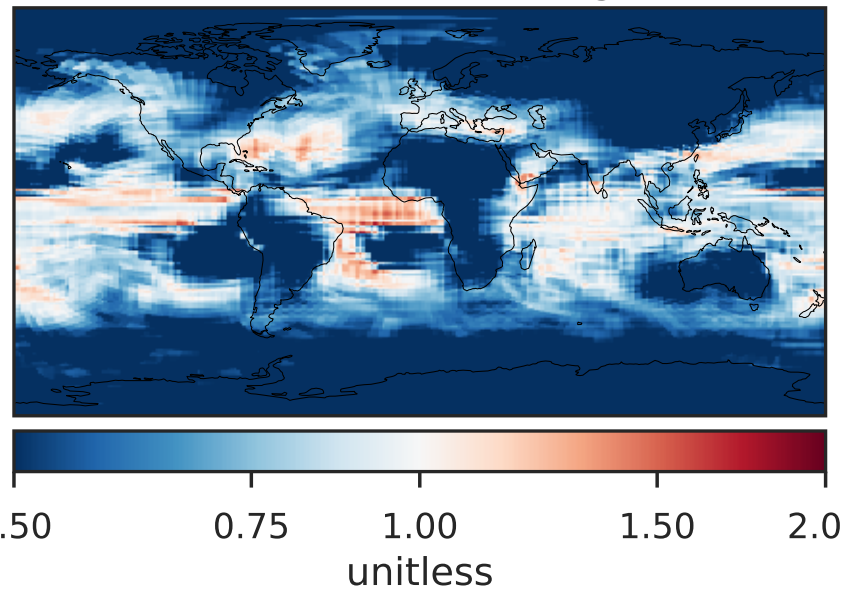
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

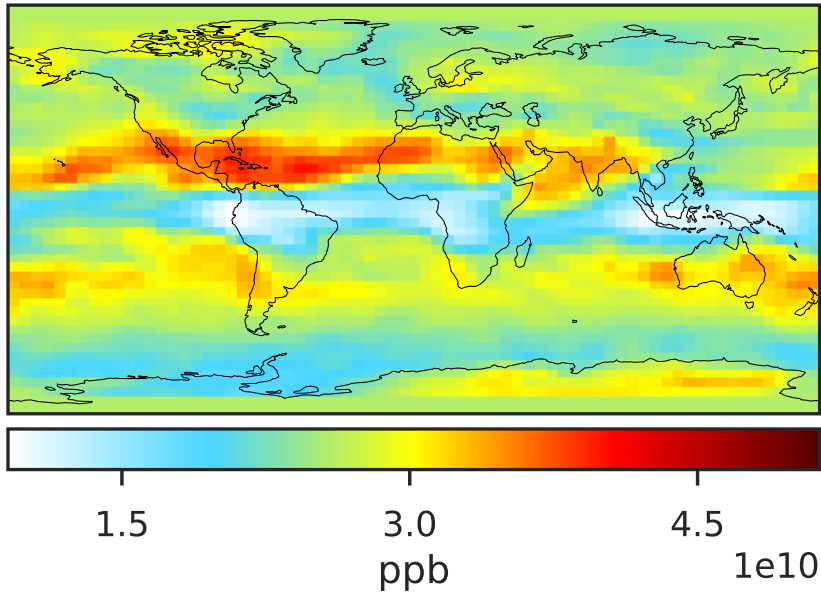


Ratio (1x1.25)
Dev/Ref, Fixed Range

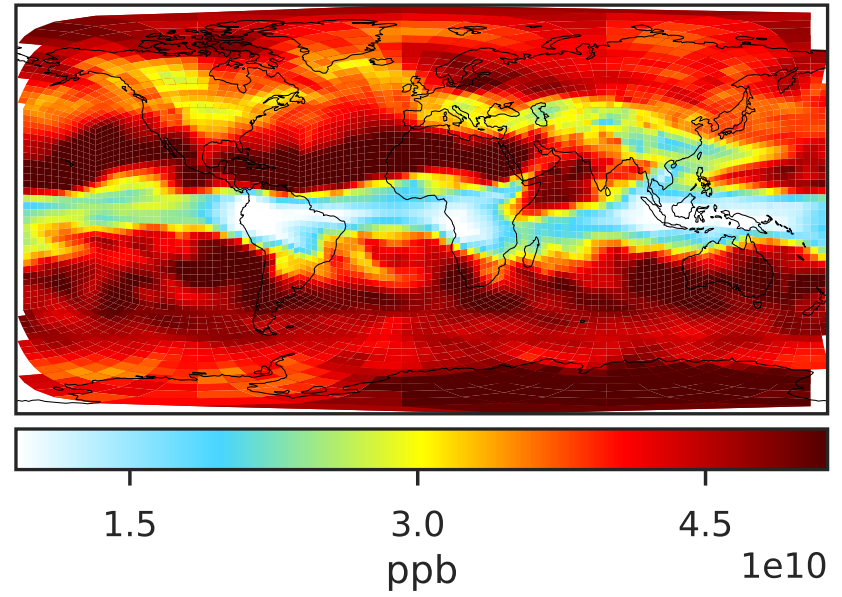


SpeciesConcVV_aoa (Apr2019)

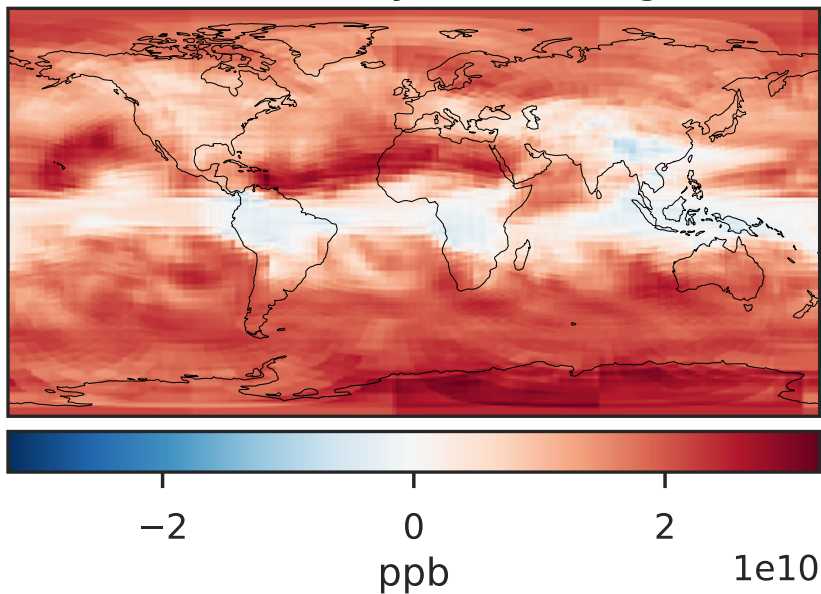
GCC 14.2.2 (Ref)
4.0x5.0



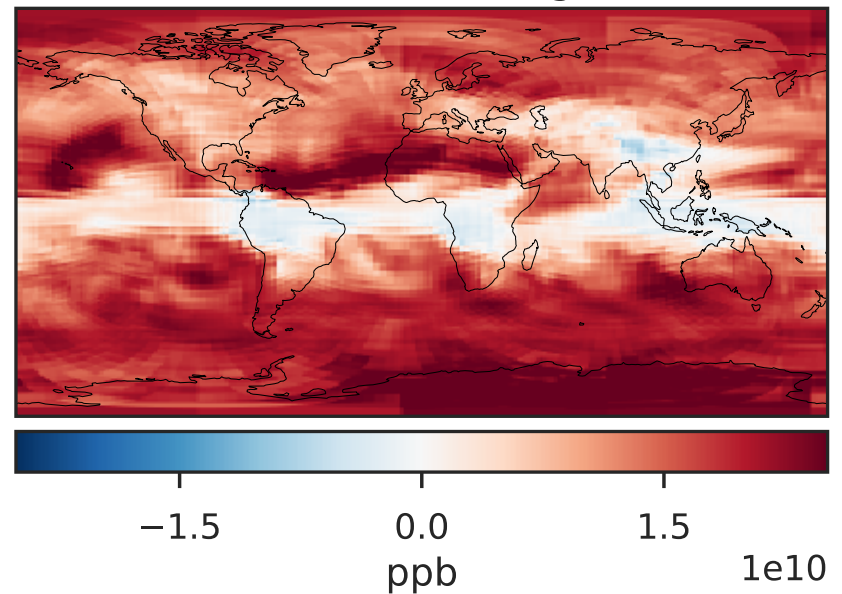
GCHP 14.2.2 using mass flux (Dev)
c30



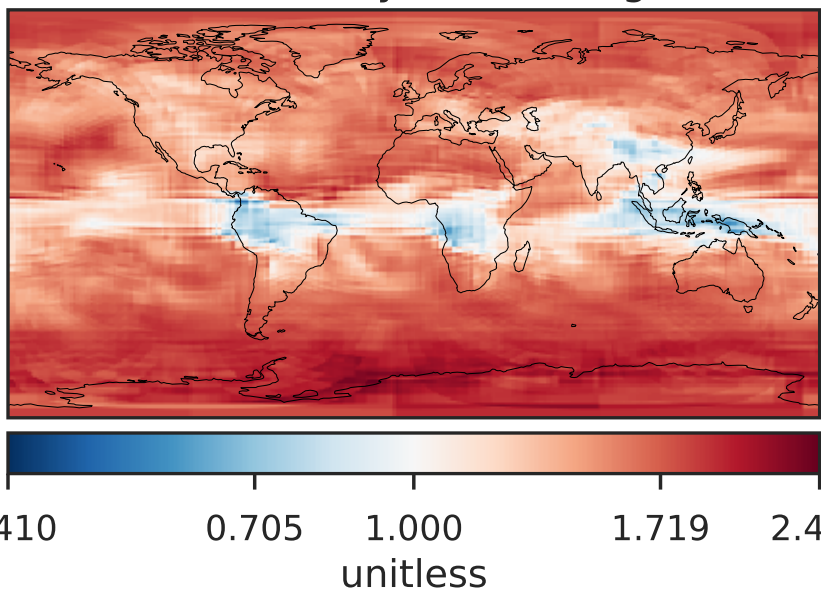
Difference (1x1.25)
Dev - Ref, Dynamic Range



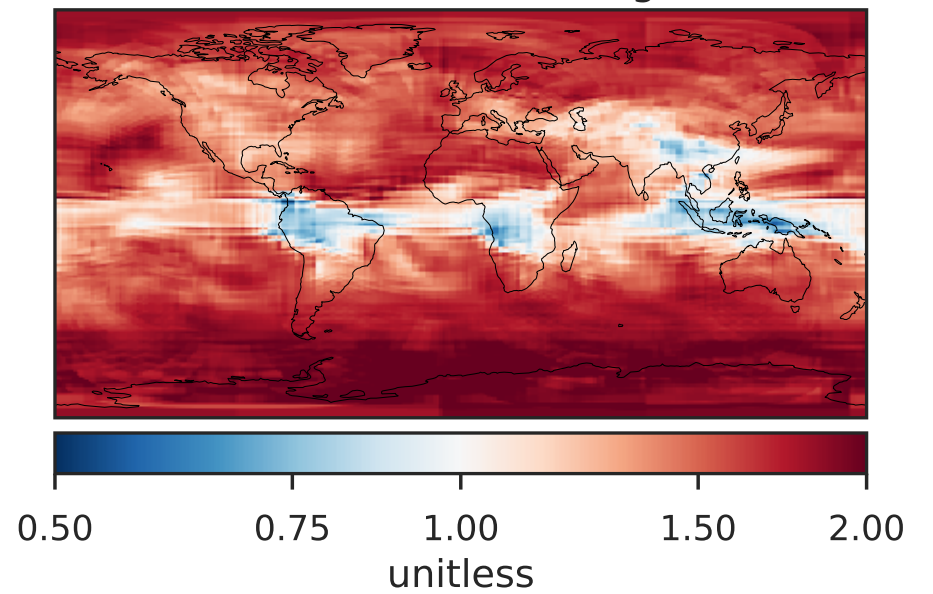
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

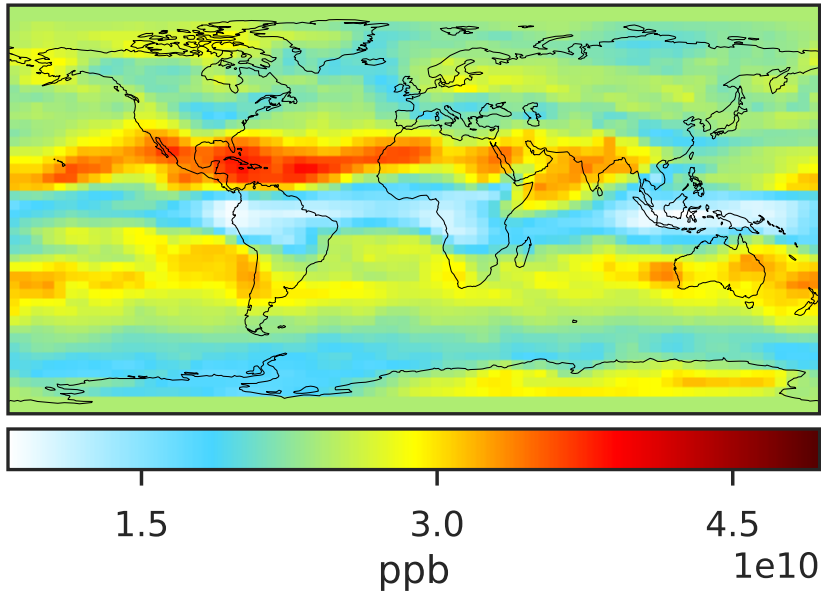


Ratio (1x1.25)
Dev/Ref, Fixed Range

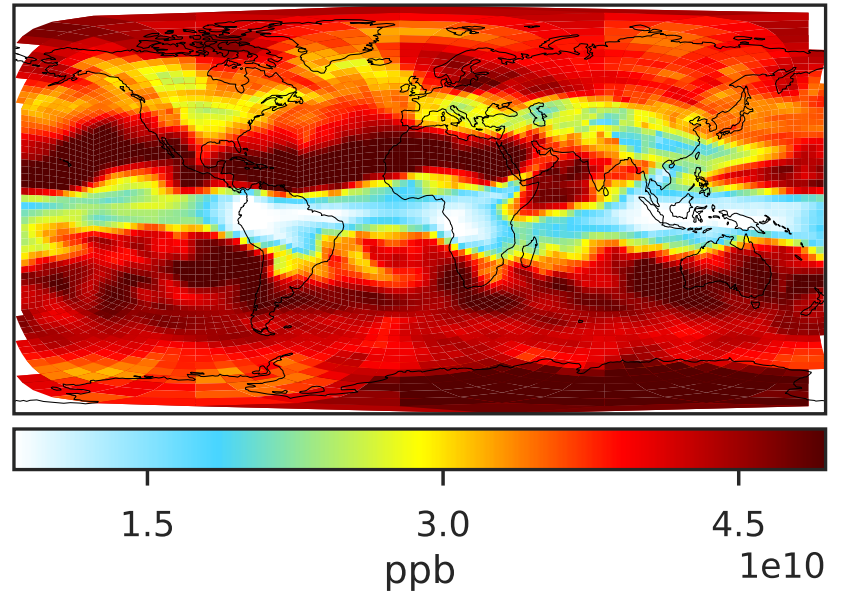


SpeciesConcVV_aoa_bl (Apr2019)

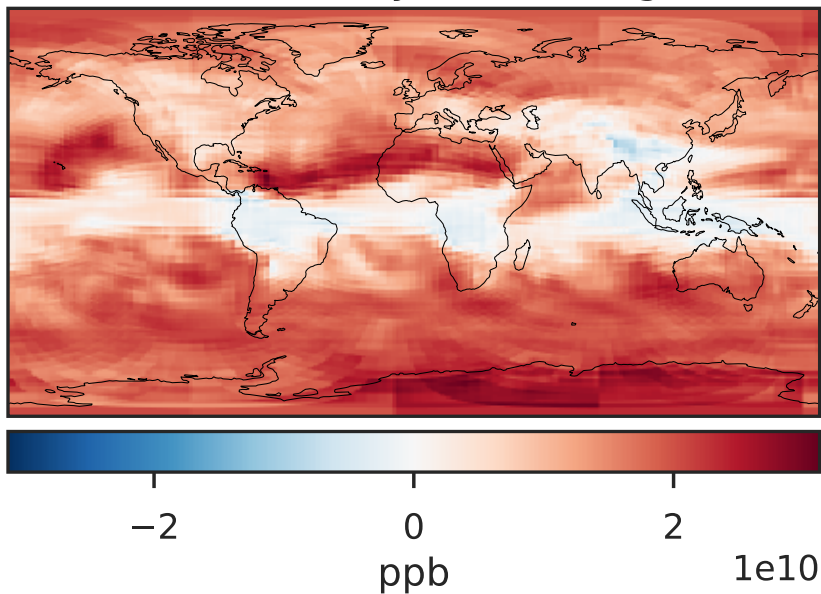
GCC 14.2.2 (Ref)
4.0x5.0



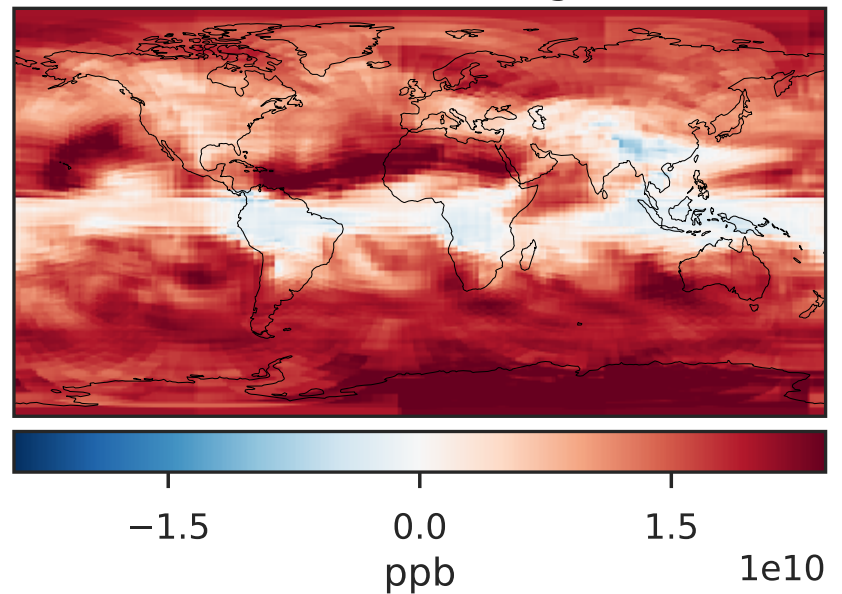
GCHP 14.2.2 using mass flux (Dev)
c30



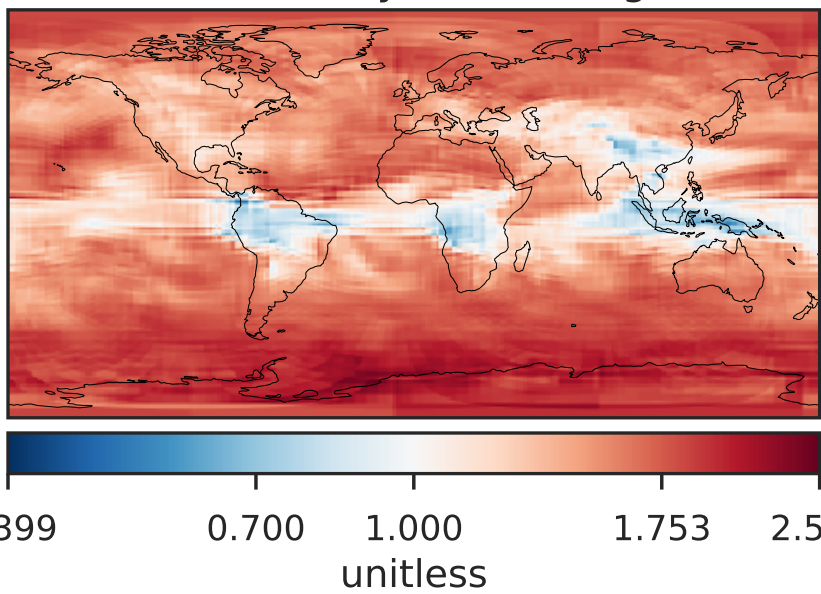
Difference (1x1.25)
Dev - Ref, Dynamic Range



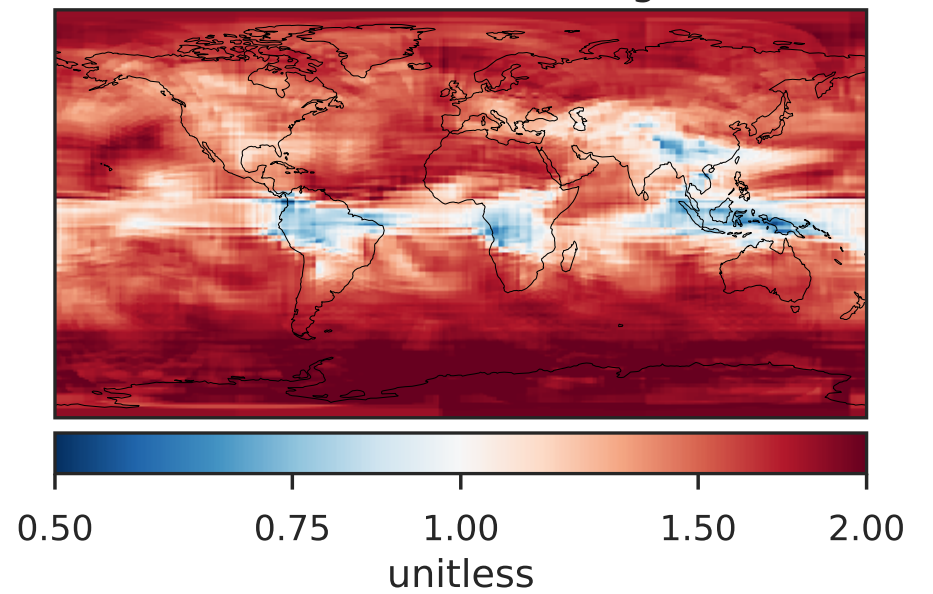
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

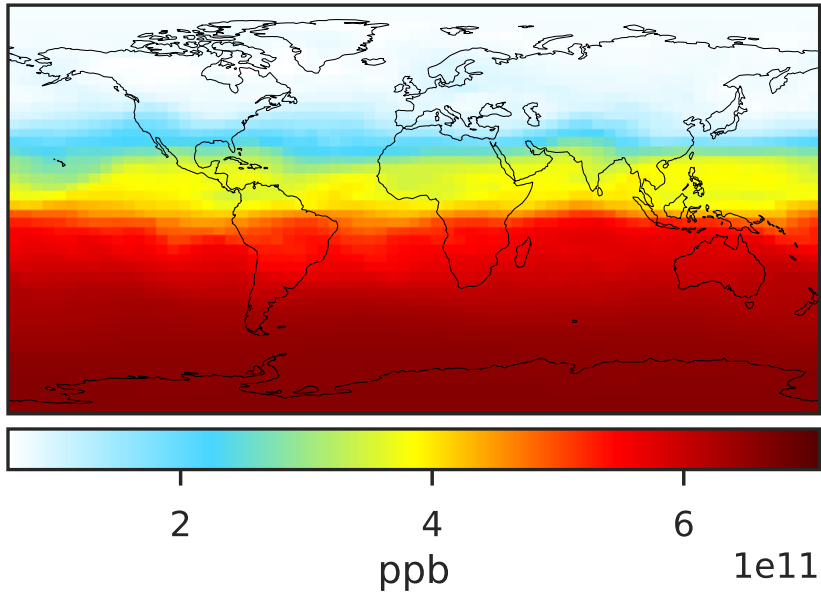


Ratio (1x1.25)
Dev/Ref, Fixed Range

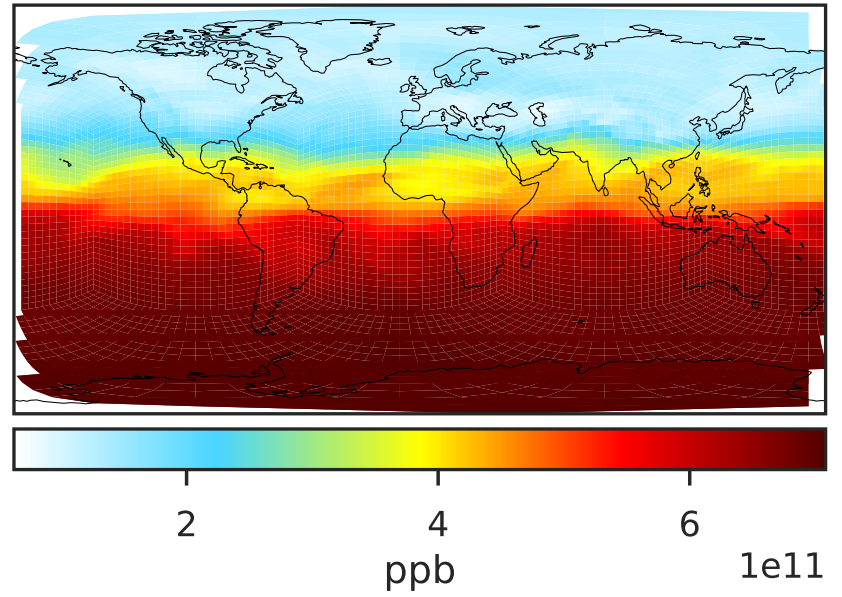


SpeciesConcVW_aoa_nh (Apr2019)

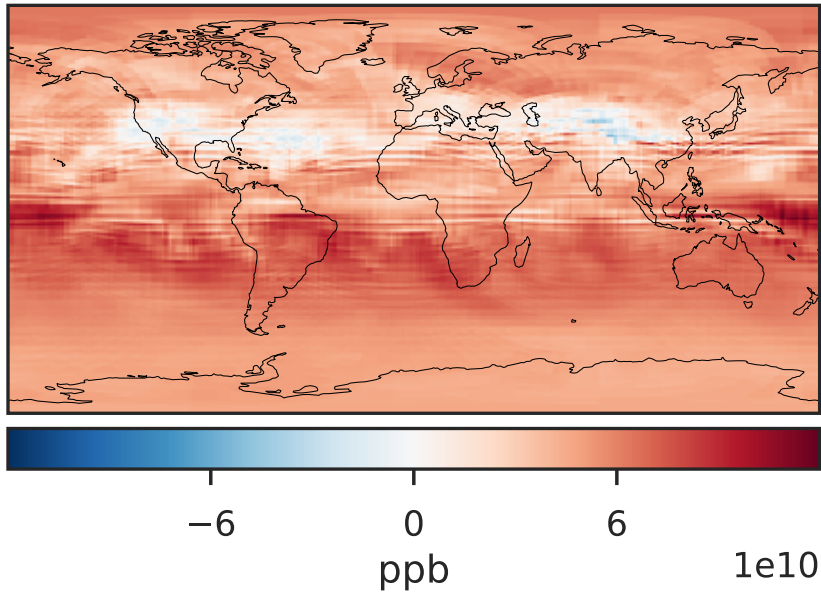
GCC 14.2.2 (Ref)
4.0x5.0



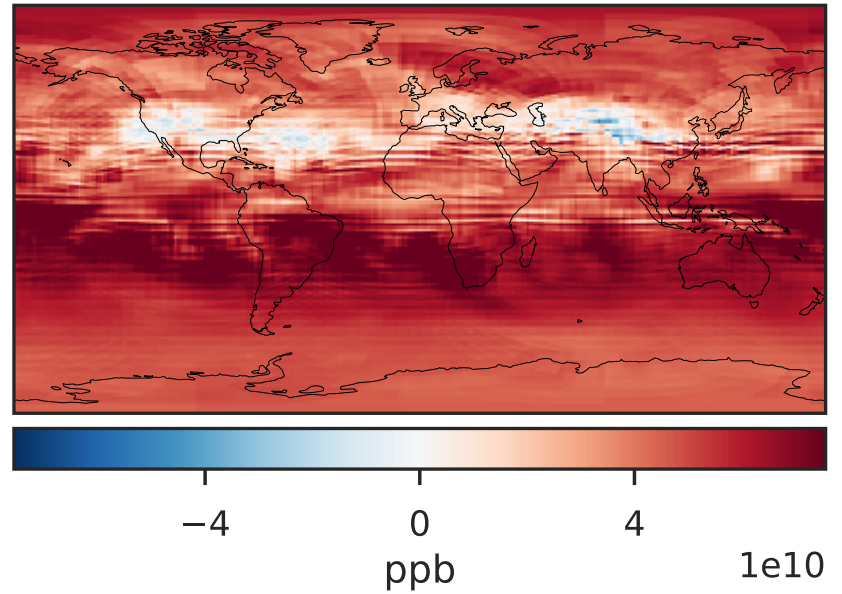
GCHP 14.2.2 using mass flux (Dev)
c30



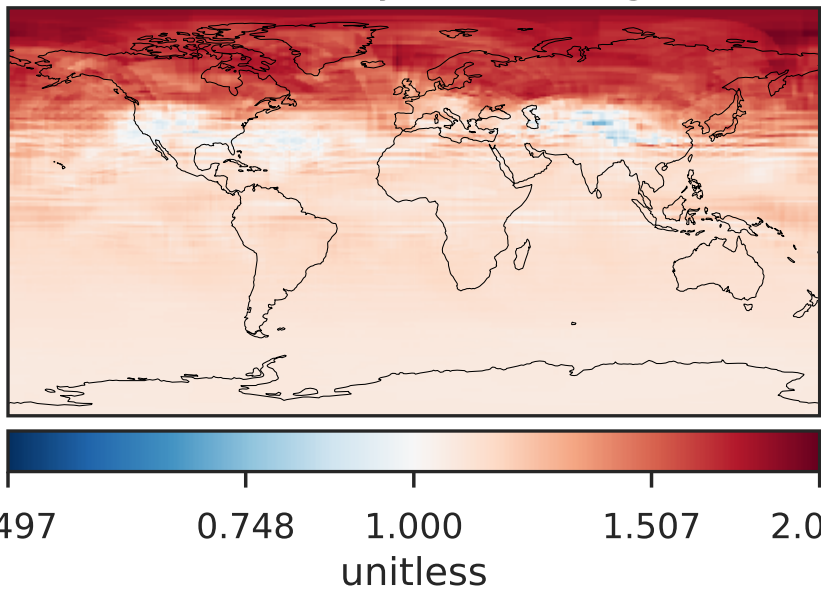
Difference (1x1.25)
Dev - Ref, Dynamic Range



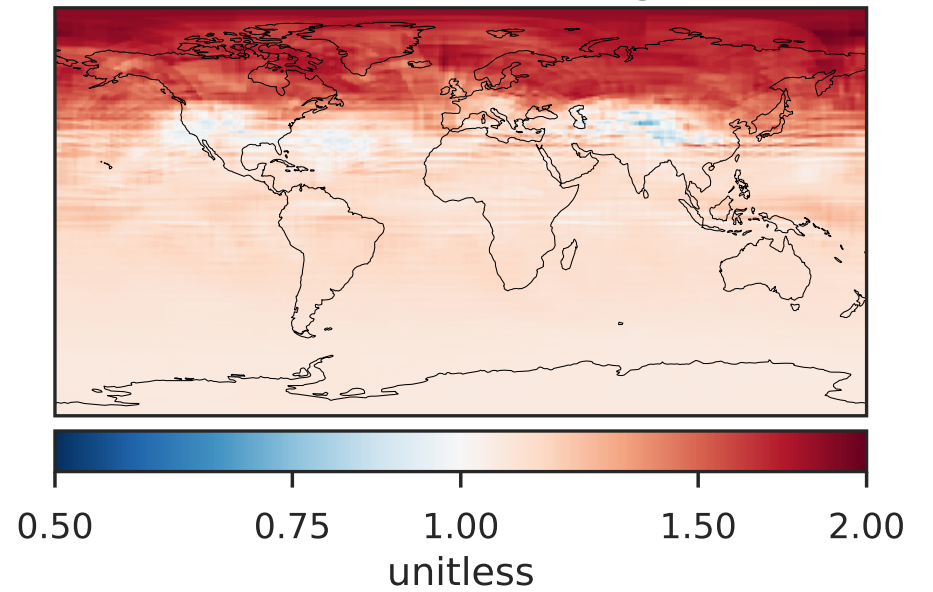
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

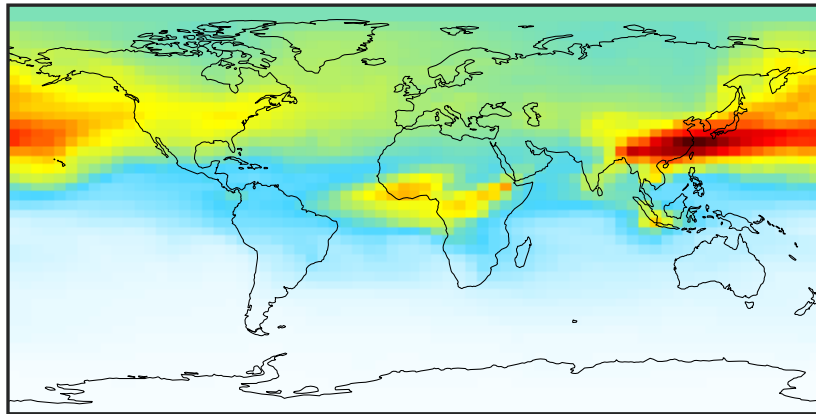


Ratio (1x1.25)
Dev/Ref, Fixed Range



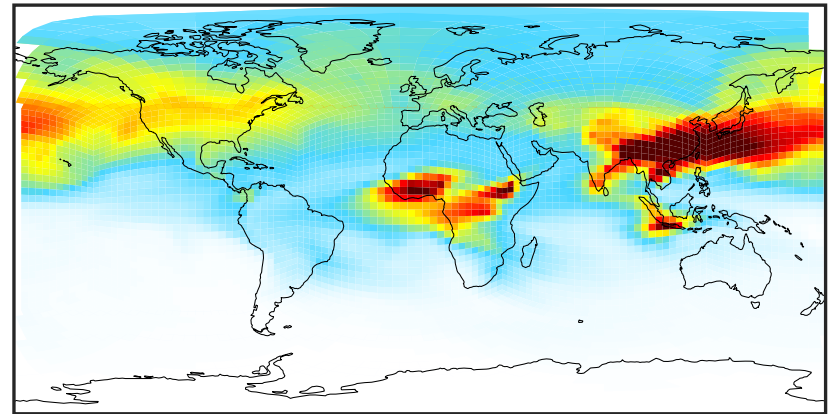
SpeciesConcVV_CO_25 (Apr2019)

GCC 14.2.2 (Ref)
4.0x5.0



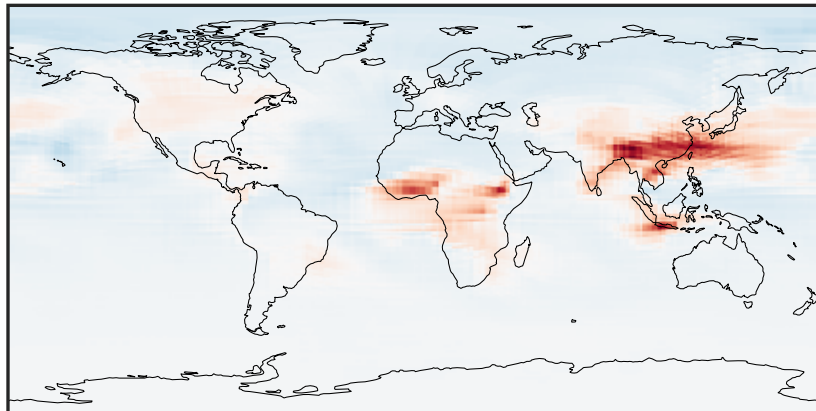
0.40 8.45 16.51 24.56 32.62
ppb

GCHP 14.2.2 using mass flux (Dev)
c30



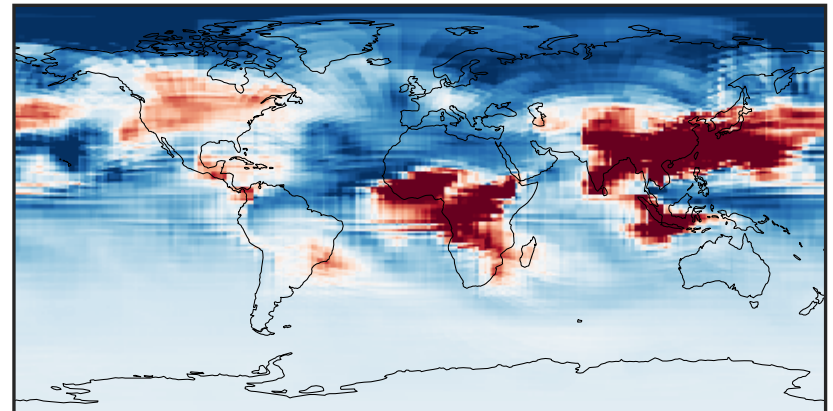
0.40 8.45 16.51 24.56 32.62
ppb

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



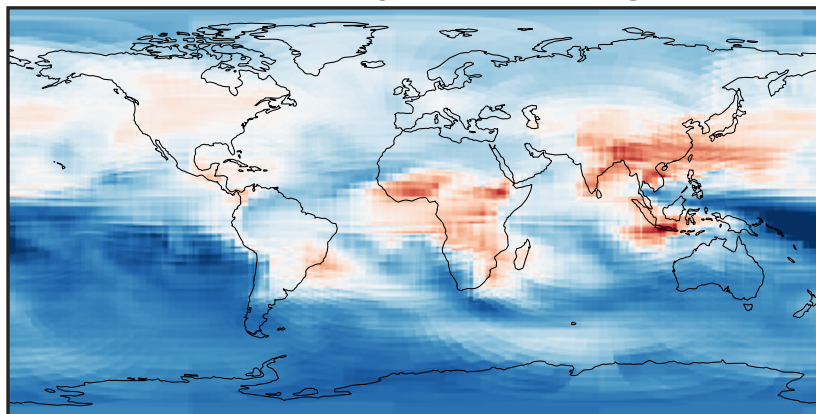
-23.77 -11.89 0.00 11.89 23.77
ppb

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



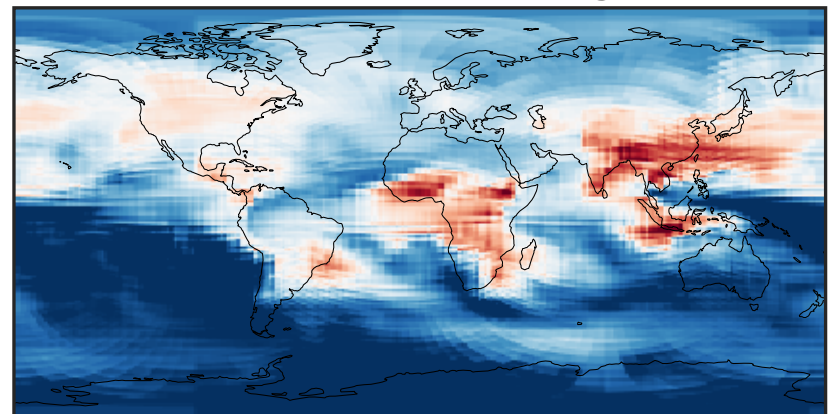
-3.690 -1.845 0.000 1.845 3.690
ppb

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



0.368 0.684 1.000 1.859 2.718
unitless

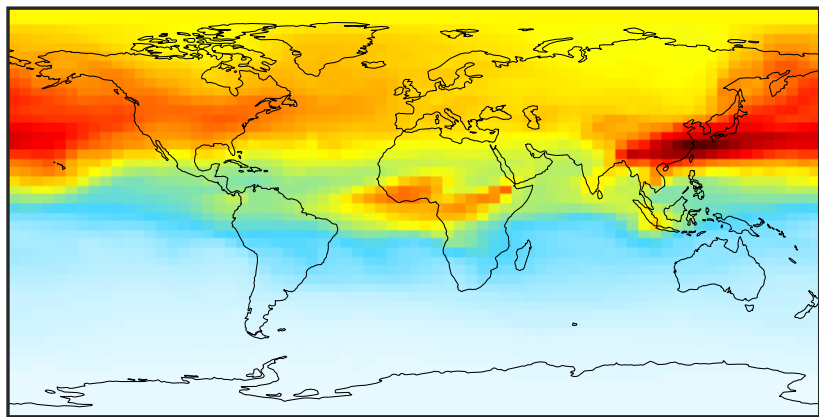
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

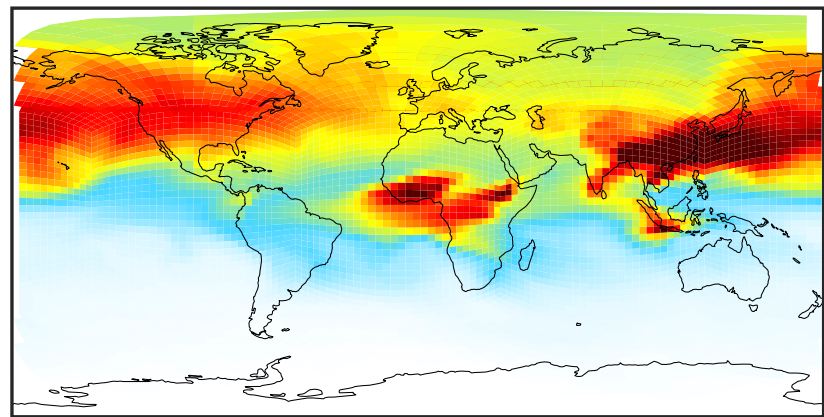
SpeciesConcVV_CO_50 (Apr2019)

GCC 14.2.2 (Ref)
4.0x5.0



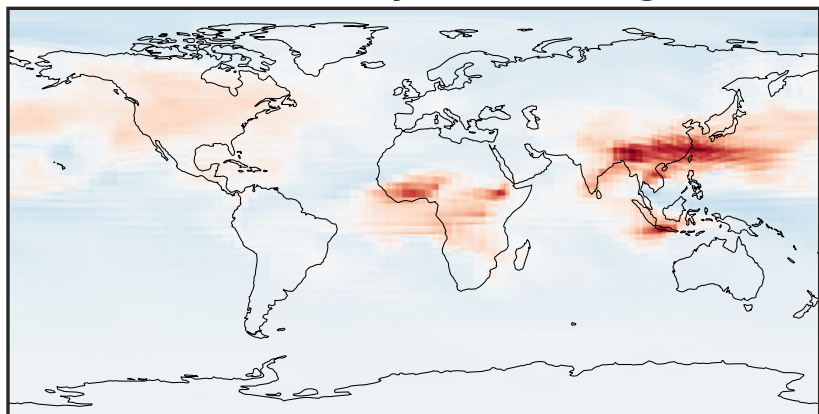
2.08 13.32 24.57 35.81 47.06
ppb

GCHP 14.2.2 using mass flux (Dev)
c30



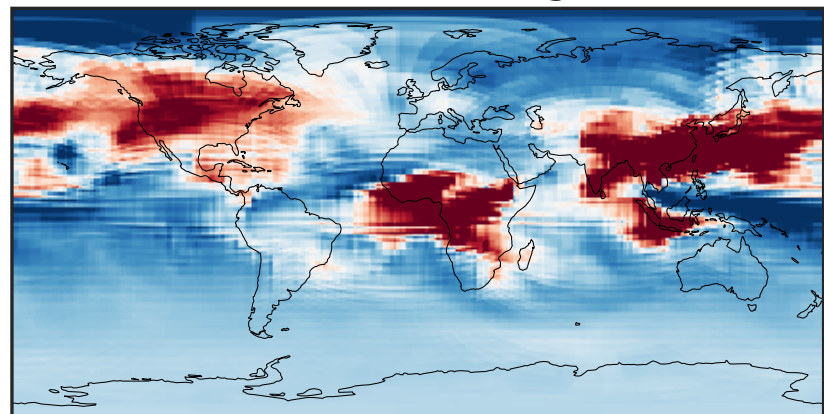
2.08 13.32 24.57 35.81 47.06
ppb

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



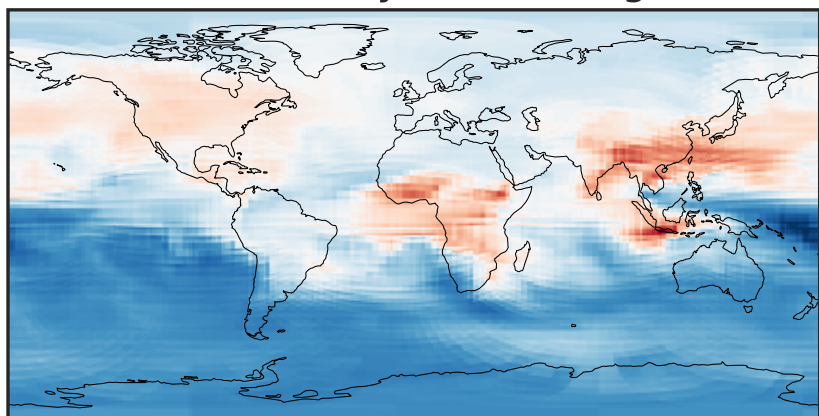
-27.97 -13.99 0.00 13.99 27.97
ppb

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



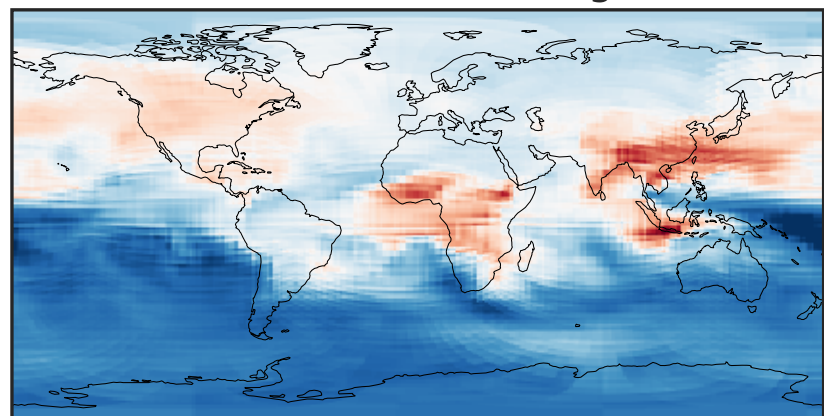
-4.991 -2.495 0.000 2.495 4.991
ppb

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



0.438 0.719 1.000 1.642 2.283
unitless

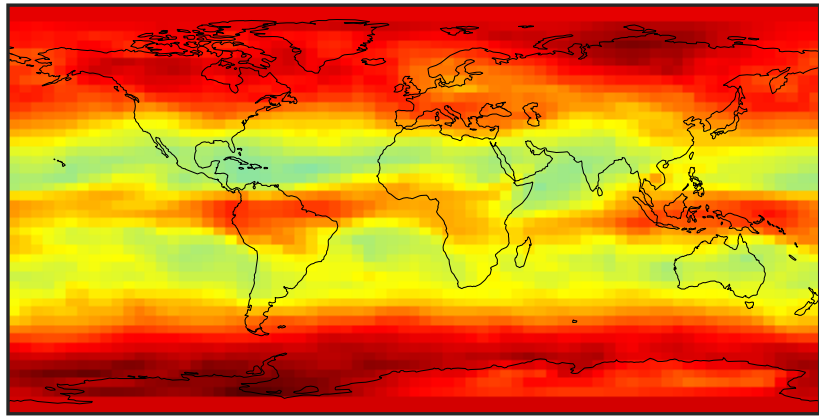
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

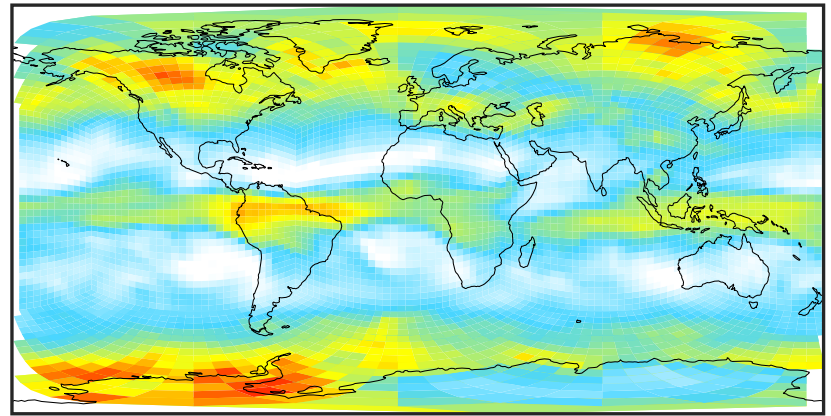
SpeciesConcVV_e90 (Apr2019)

GCC 14.2.2 (Ref)
4.0x5.0



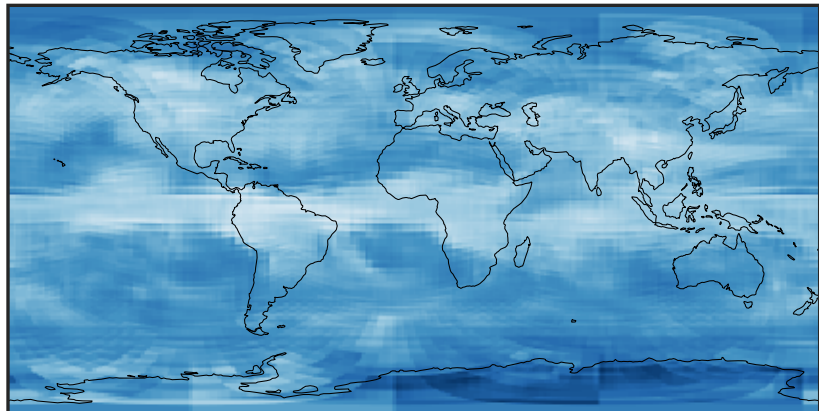
49.17 58.87 68.57 78.27 87.97
ppb

GCHP 14.2.2 using mass flux (Dev)
c30



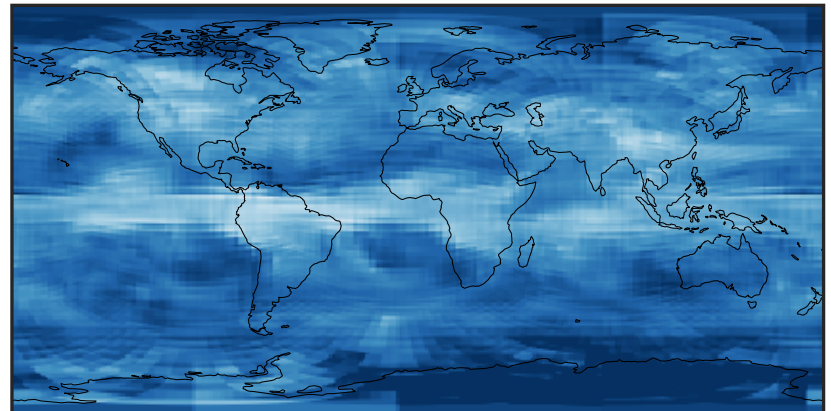
49.17 58.87 68.57 78.27 87.97
ppb

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



-24.15 -12.07 0.00 12.07 24.15
ppb

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



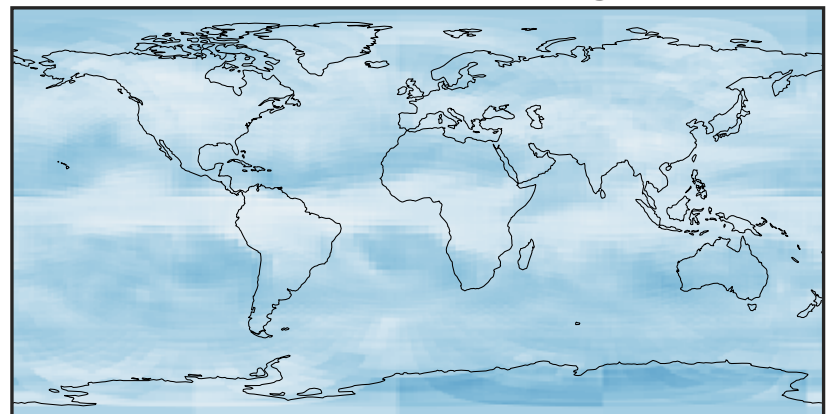
-18 -9 0 9 18
ppb

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



0.96190 0.98095 1.00000 1.01980 1.03961
unitless

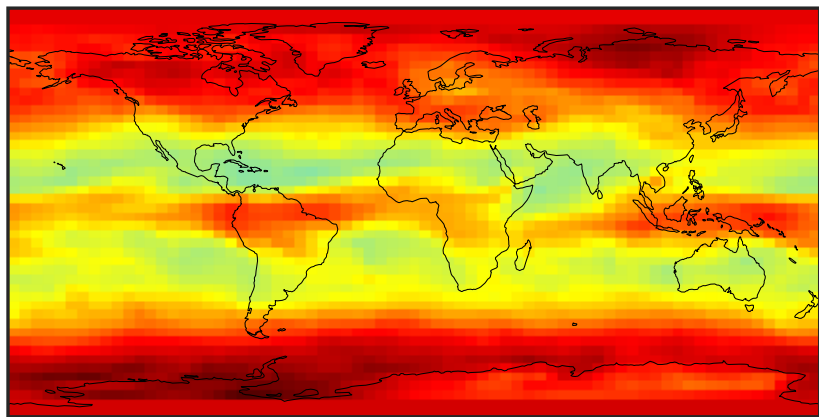
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

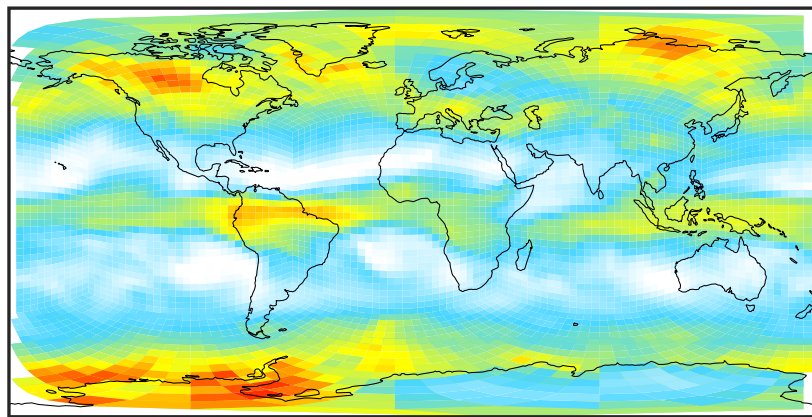
SpeciesConcVV_e90_n (Apr2019)

GCC 14.2.2 (Ref)
4.0x5.0



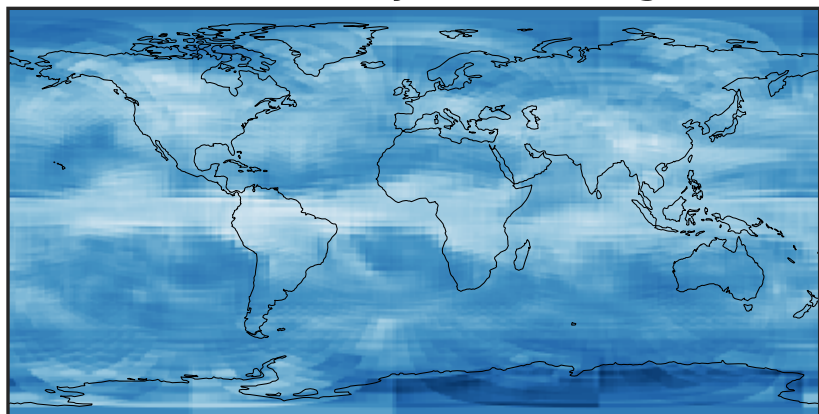
49.17 58.87 68.57 78.27 87.97
ppb

GCHP 14.2.2 using mass flux (Dev)
c30



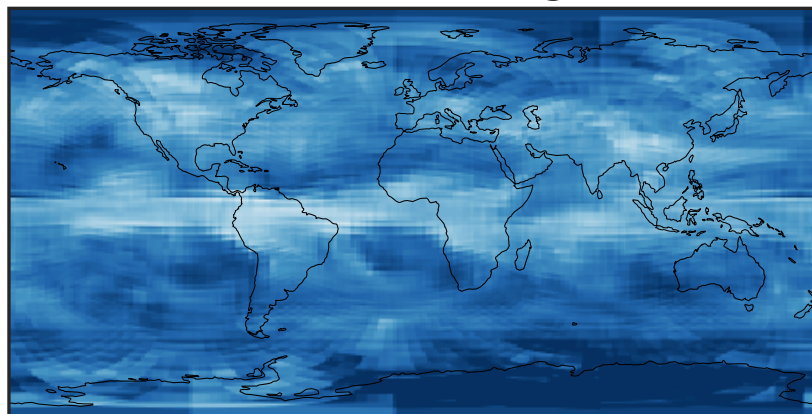
49.17 58.87 68.57 78.27 87.97
ppb

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



-24.15 -12.07 0.00 12.07 24.15
ppb

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



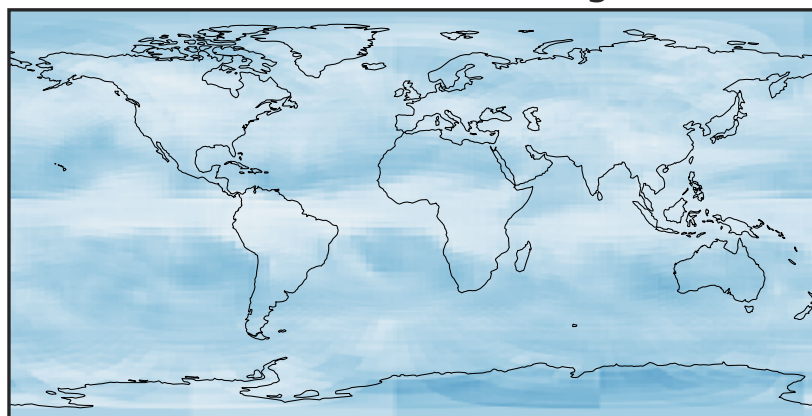
-18 -9 0 9 18
ppb

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



0.96190 0.98095 1.00000 1.01980 1.03961
unitless

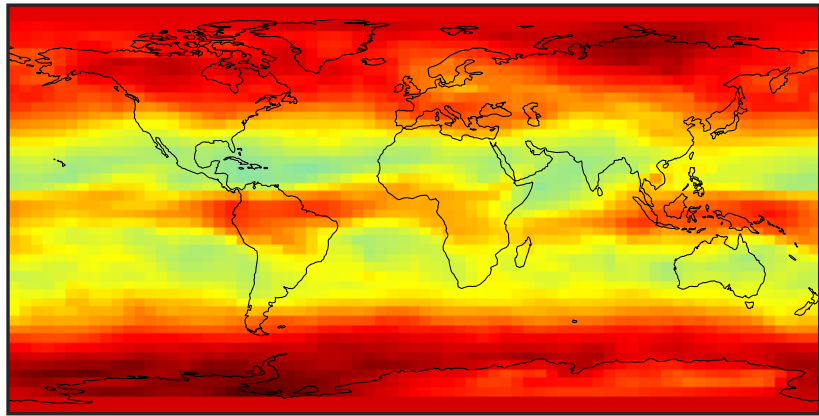
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

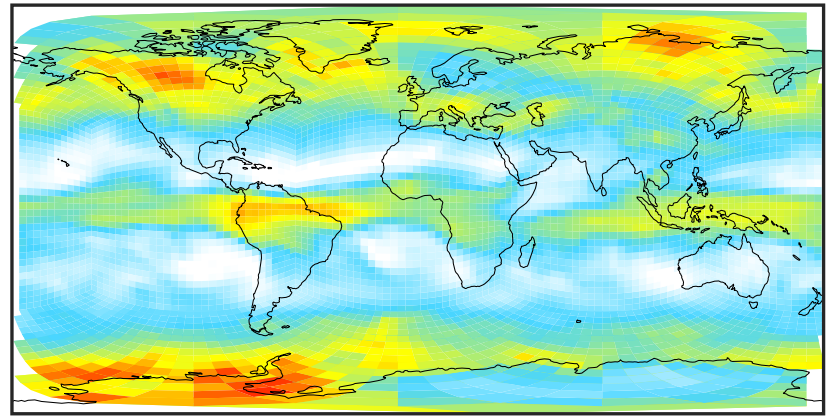
SpeciesConcVV_e90_s (Apr2019)

GCC 14.2.2 (Ref)
4.0x5.0



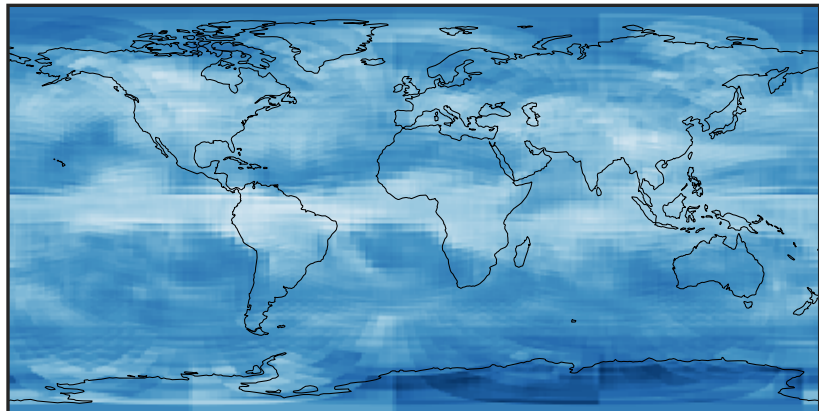
49.17 58.87 68.57 78.27 87.97
ppb

GCHP 14.2.2 using mass flux (Dev)
c30



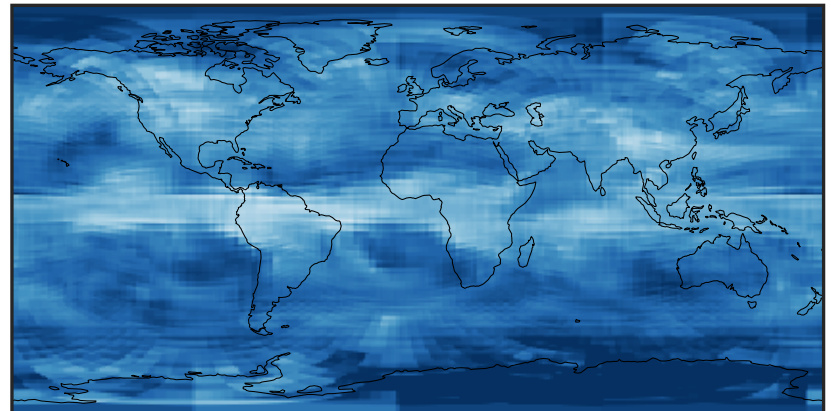
49.17 58.87 68.57 78.27 87.97
ppb

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



-24.15 -12.07 0.00 12.07 24.15
ppb

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



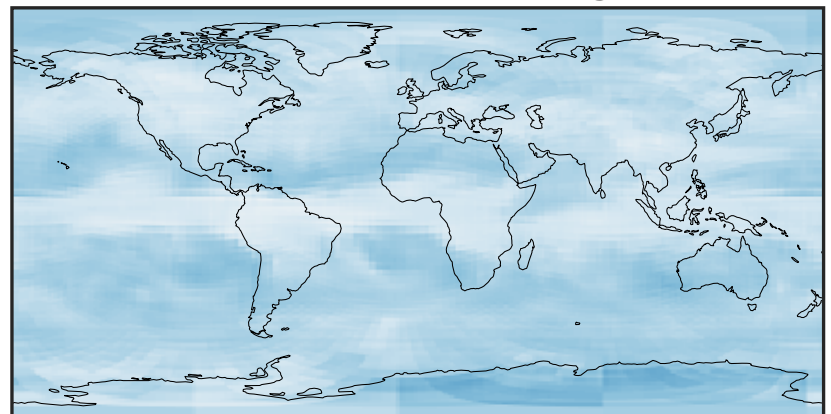
-18 -9 0 9 18
ppb

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



0.96190 0.98095 1.00000 1.01980 1.03961
unitless

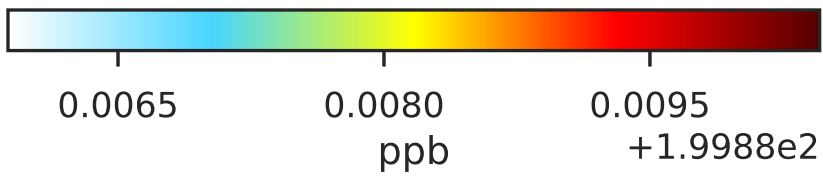
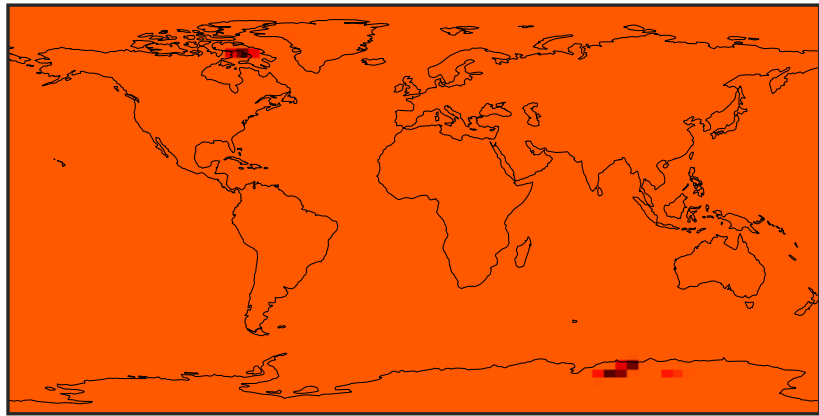
Ratio (1x1.25)
Dev/Ref, Fixed Range



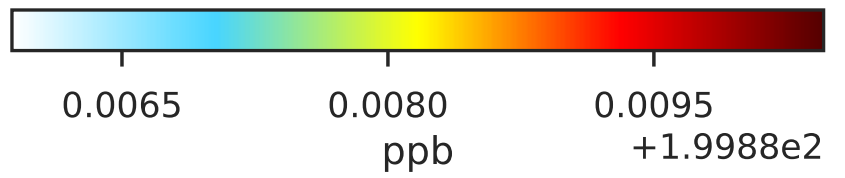
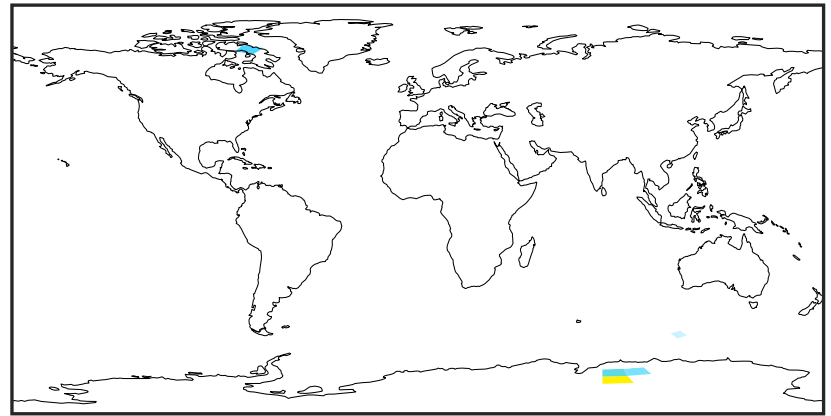
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_st80_25 (Apr2019)

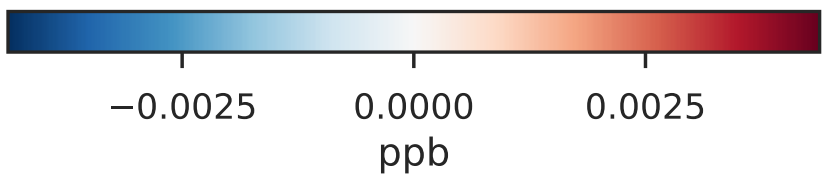
GCC 14.2.2 (Ref)
4.0x5.0



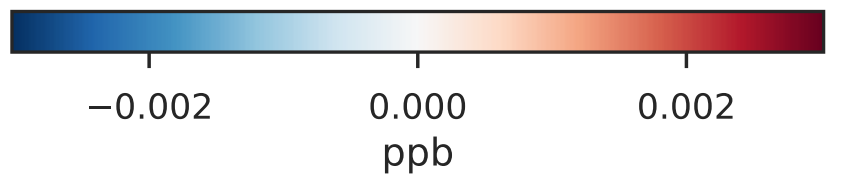
GCHP 14.2.2 using mass flux (Dev)
c30



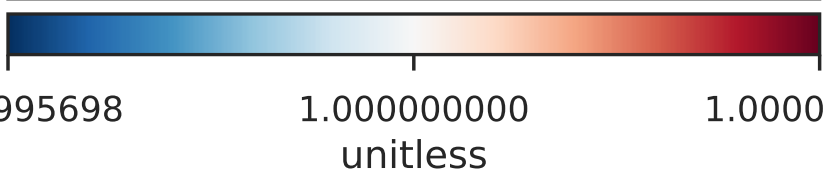
Difference (1x1.25)
Dev - Ref, Dynamic Range



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



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



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

