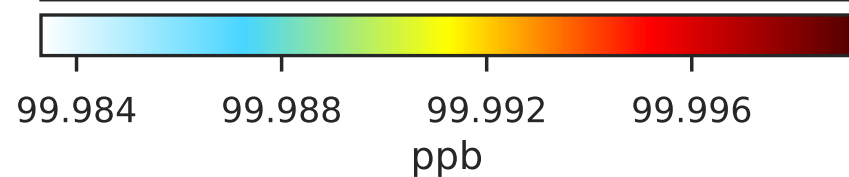
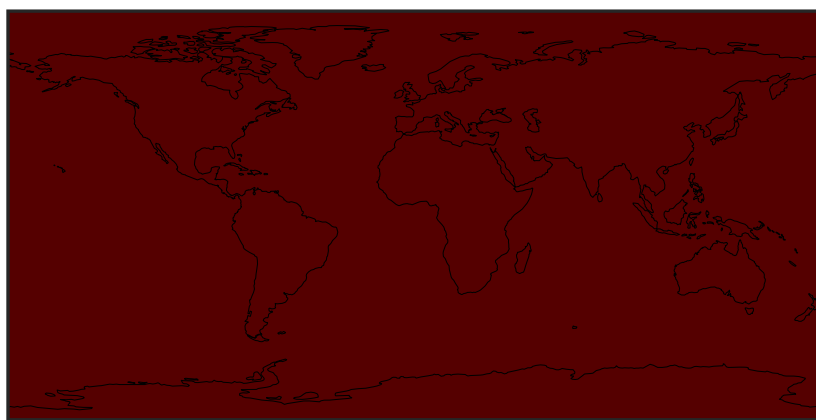
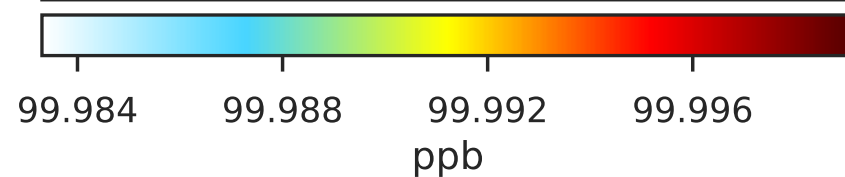
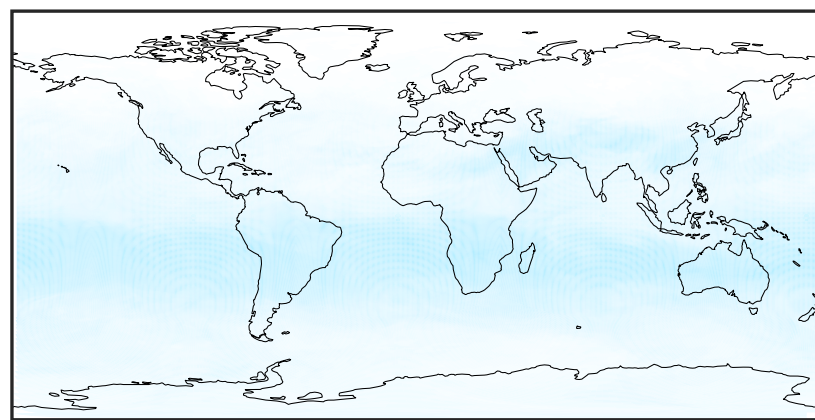


SpeciesConcVV_PassiveTracer (AnnualMean)

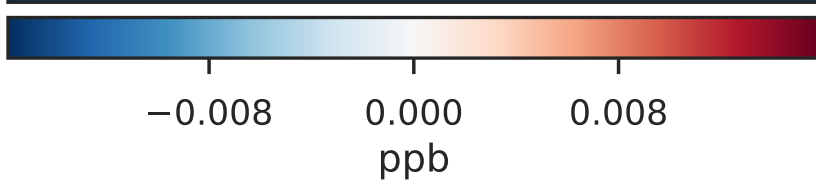
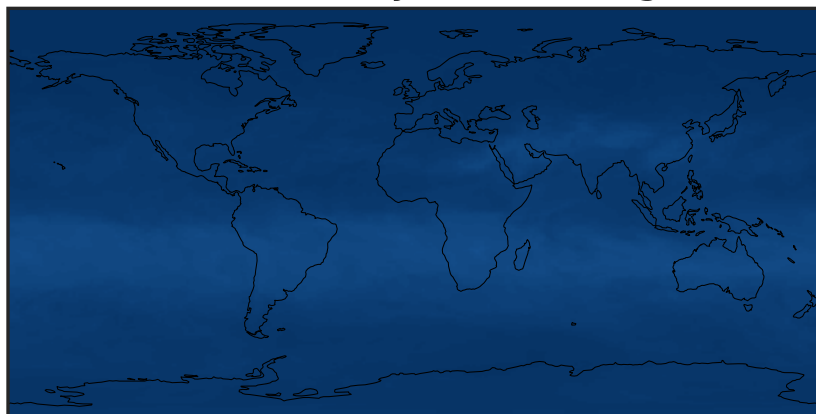
GCC 14.2.2 (Ref)
4.0x5.0



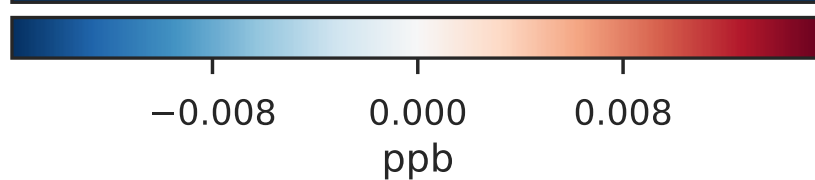
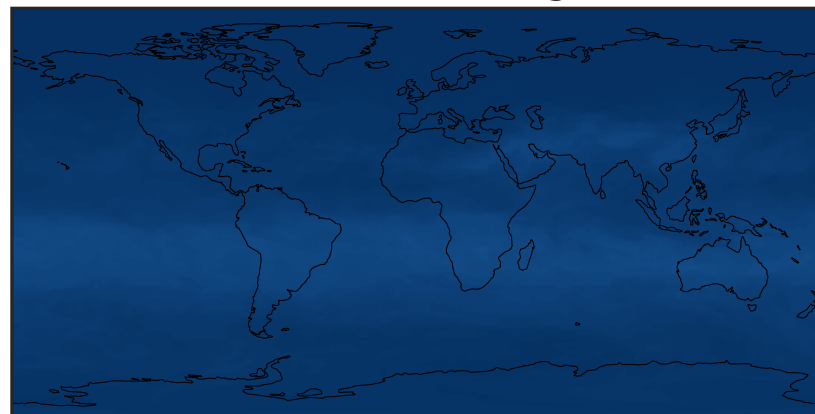
GCHP 14.2.2 using mass flux (Dev)
c180



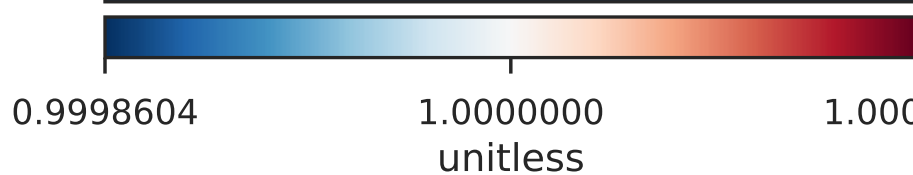
Difference (1x1.25)
Dev - Ref, Dynamic Range



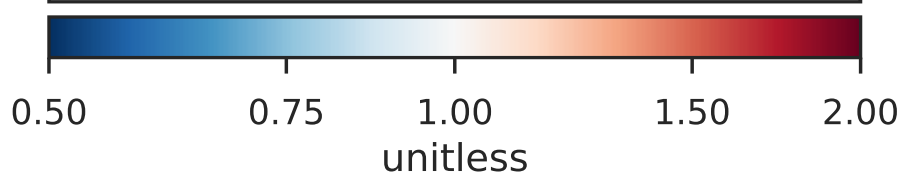
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

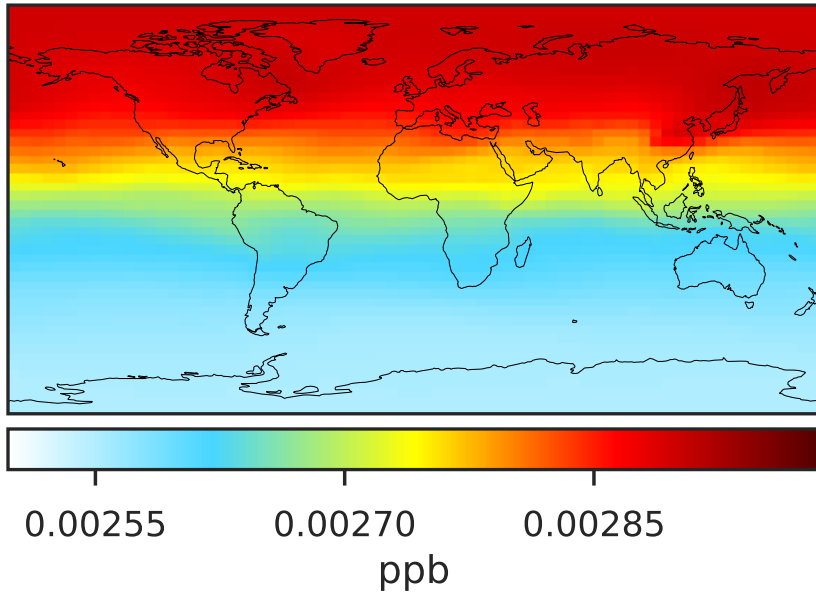


Ratio (1x1.25)
Dev/Ref, Fixed Range

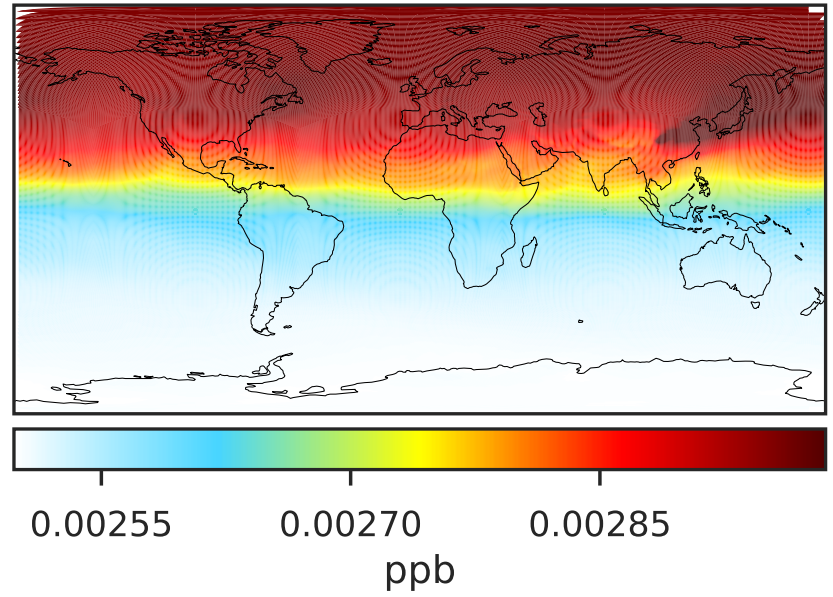


SpeciesConcVV_SF6 (AnnualMean)

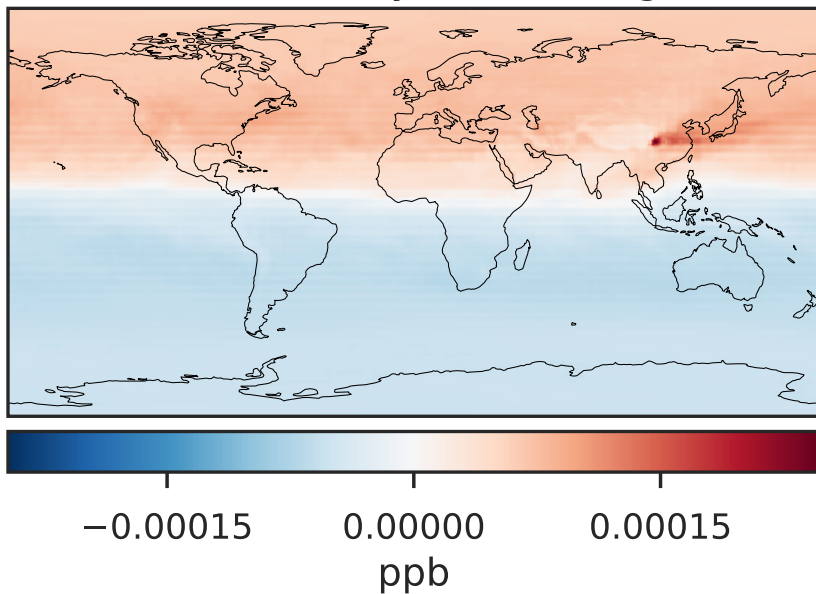
GCC 14.2.2 (Ref)
4.0x5.0



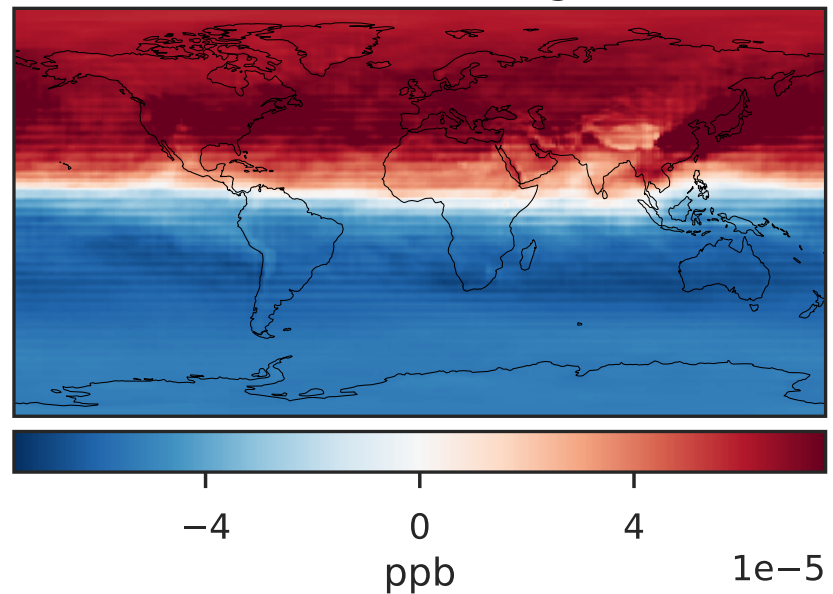
GCHP 14.2.2 using mass flux (Dev)
c180



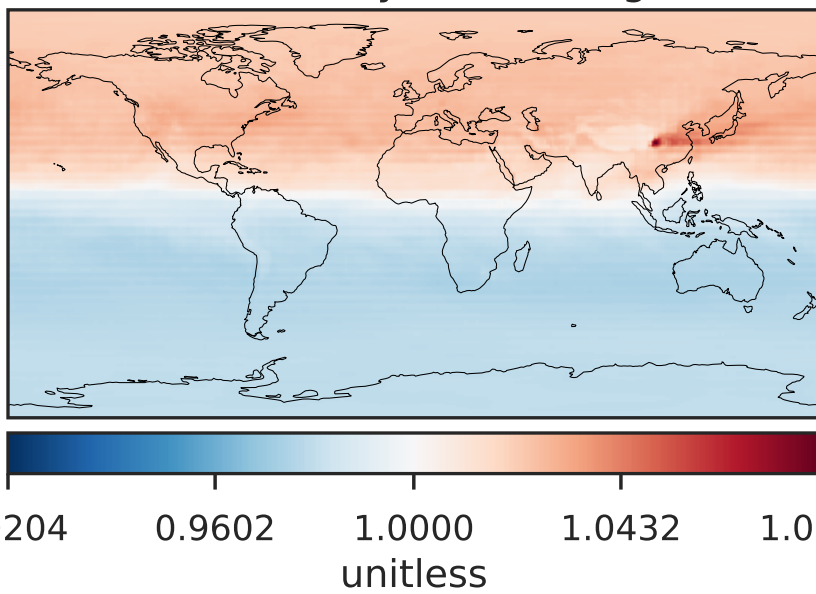
Difference (1x1.25)
Dev - Ref, Dynamic Range



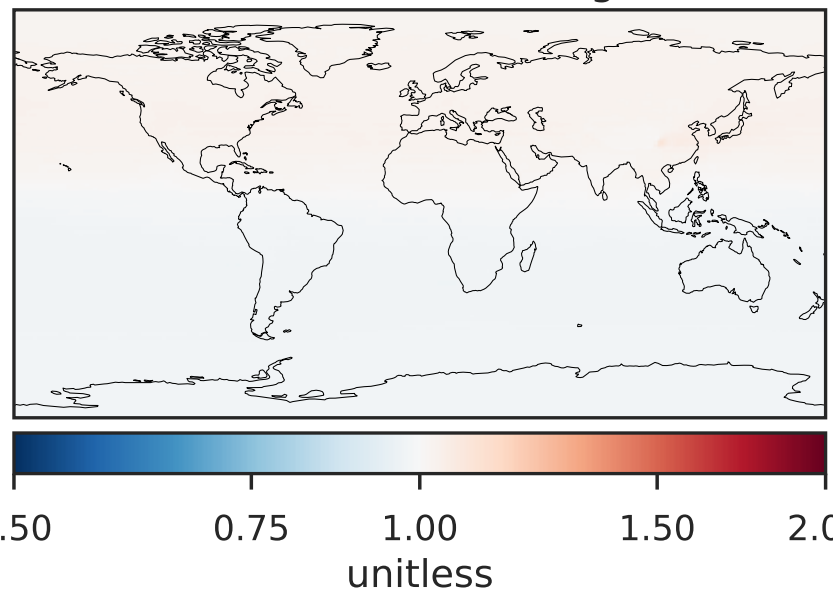
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

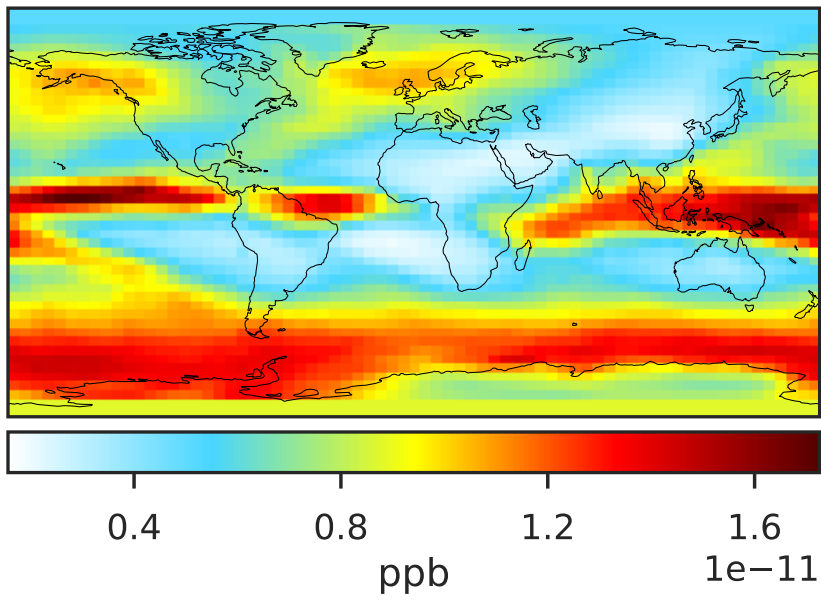


Ratio (1x1.25)
Dev/Ref, Fixed Range

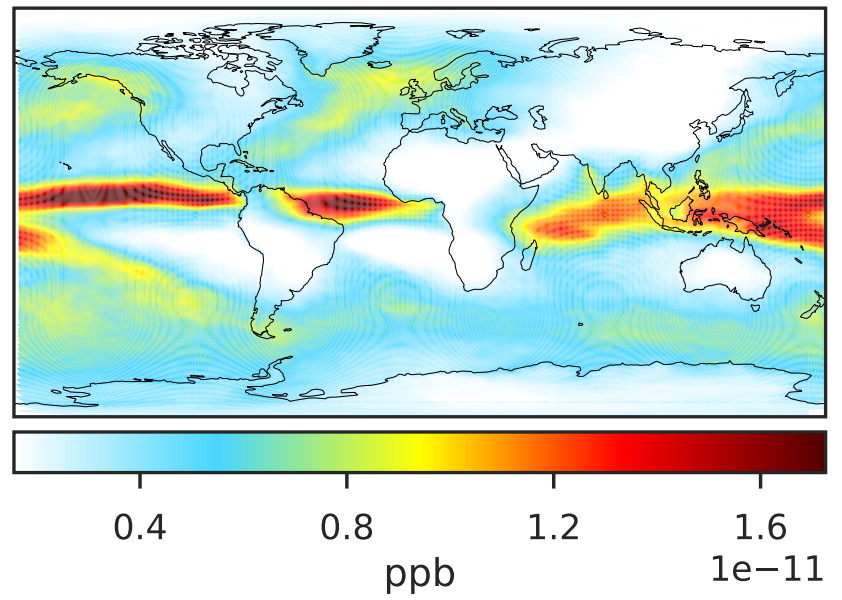


SpeciesConcVV_CH3I (AnnualMean)

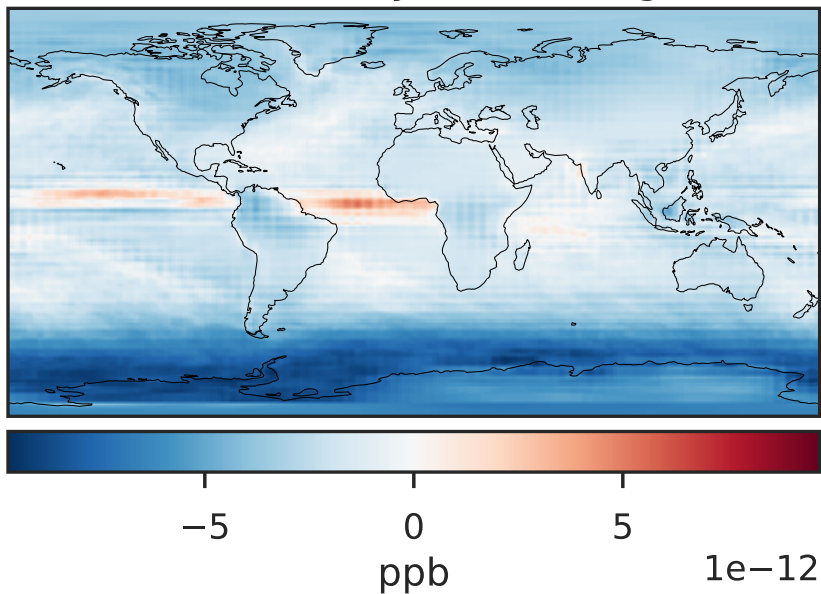
GCC 14.2.2 (Ref)
4.0x5.0



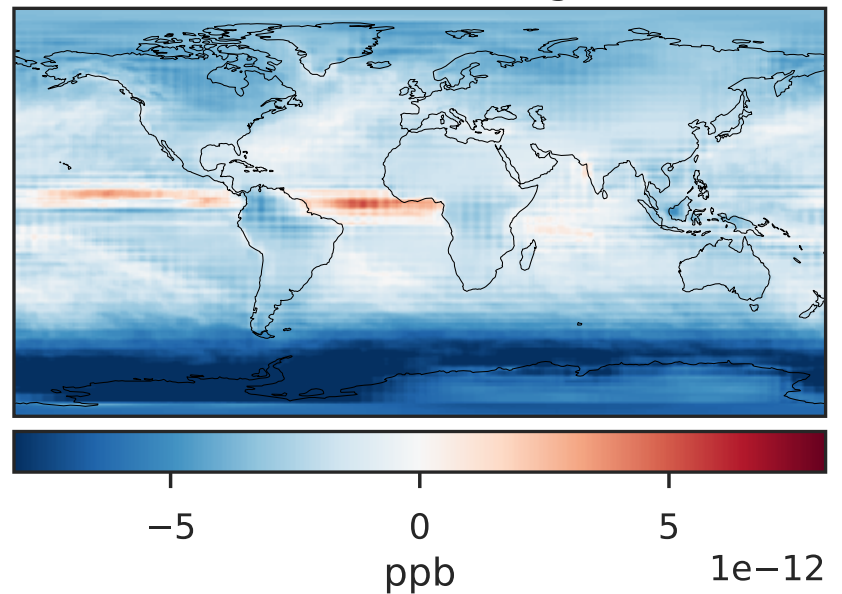
GCHP 14.2.2 using mass flux (Dev)
c180



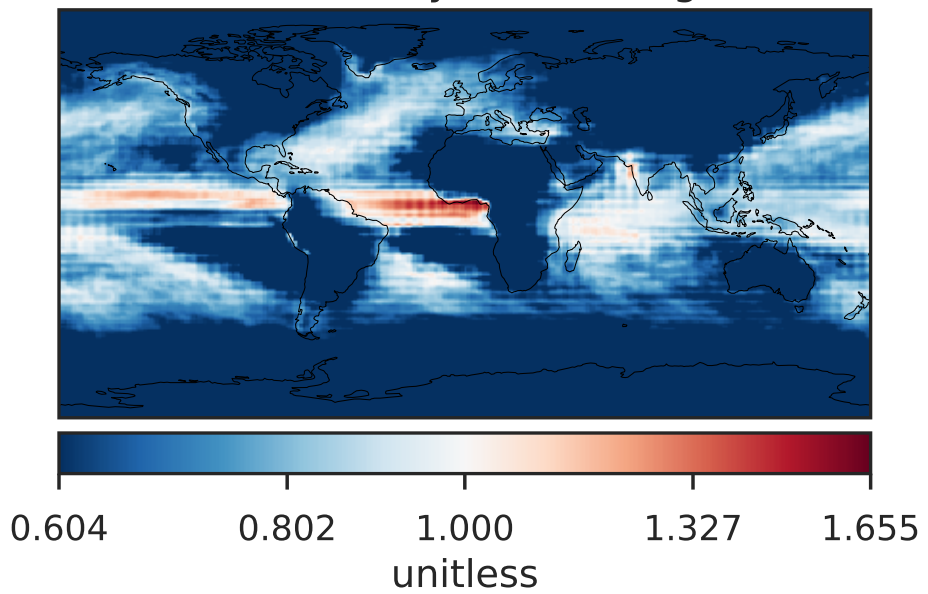
Difference (1x1.25)
Dev - Ref, Dynamic Range



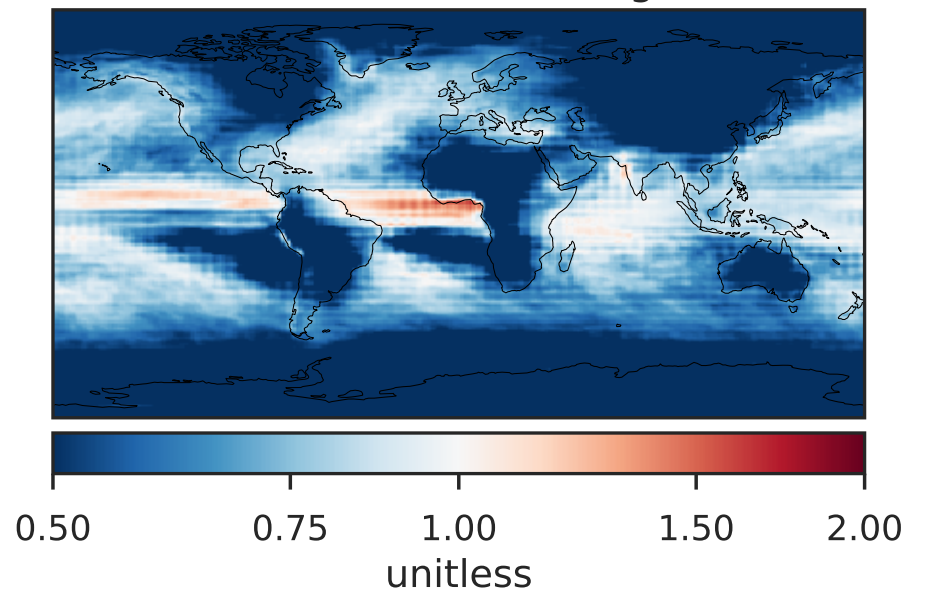
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

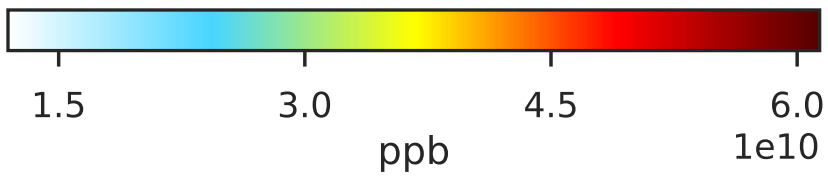
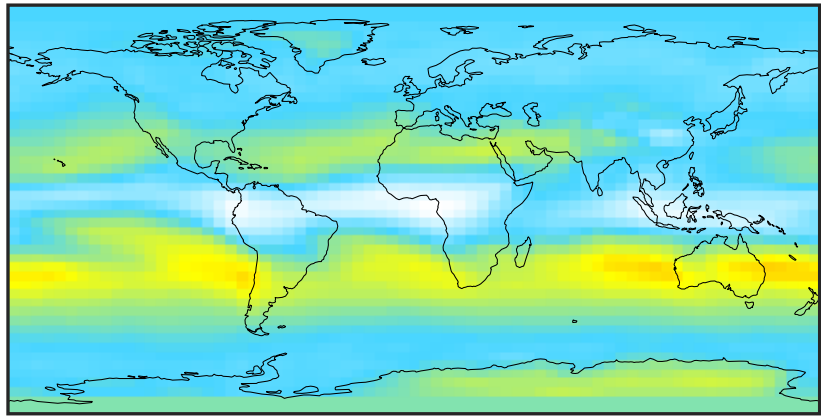


Ratio (1x1.25)
Dev/Ref, Fixed Range

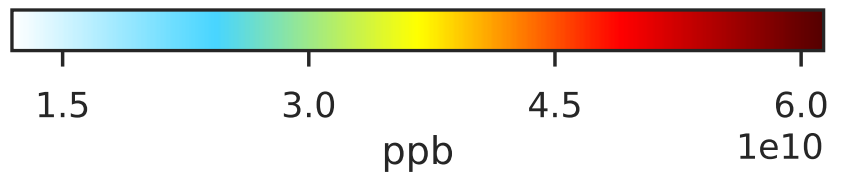
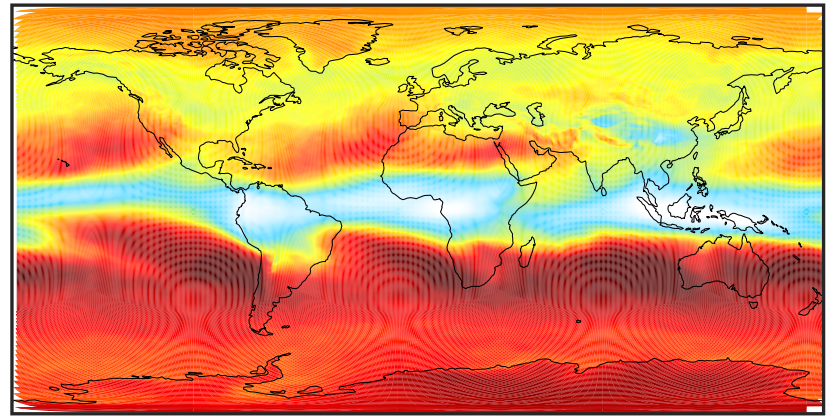


SpeciesConcVV_aoa (AnnualMean)

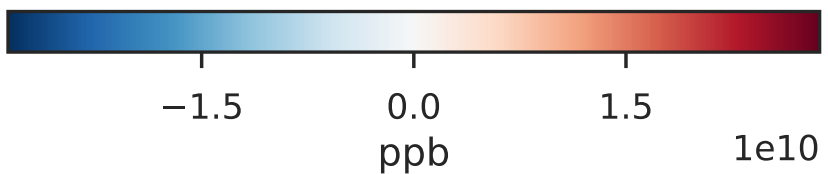
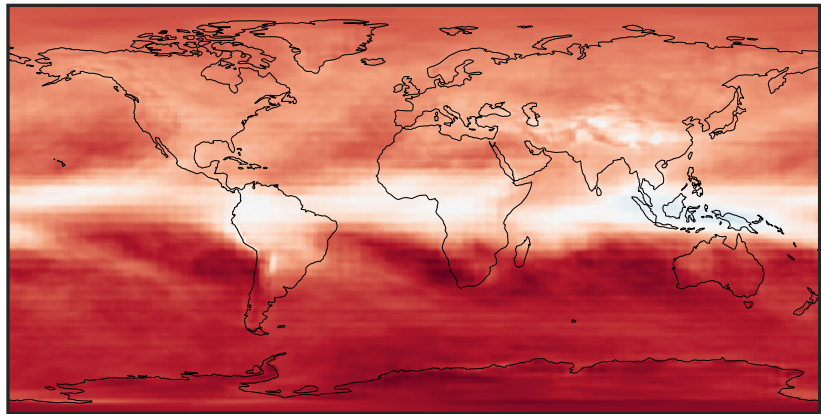
GCC 14.2.2 (Ref)
4.0x5.0



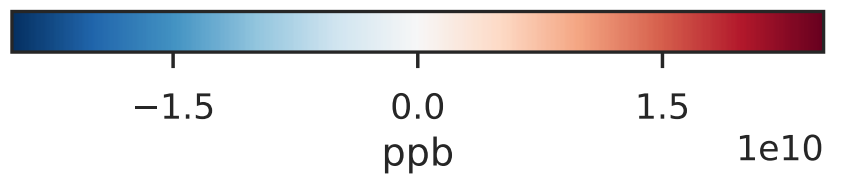
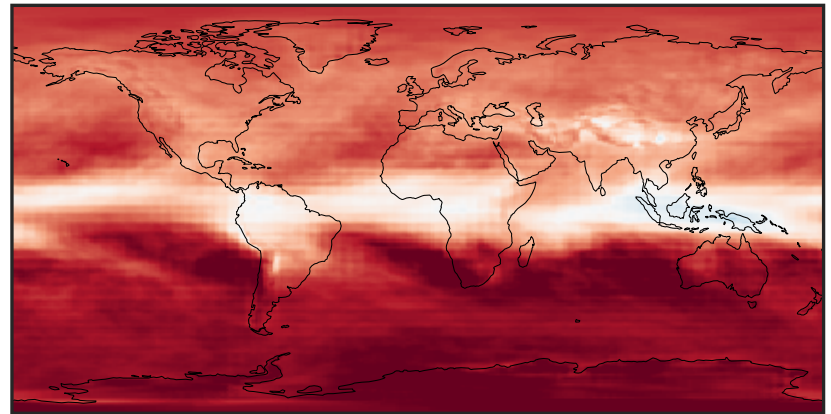
GCHP 14.2.2 using mass flux (Dev)
c180



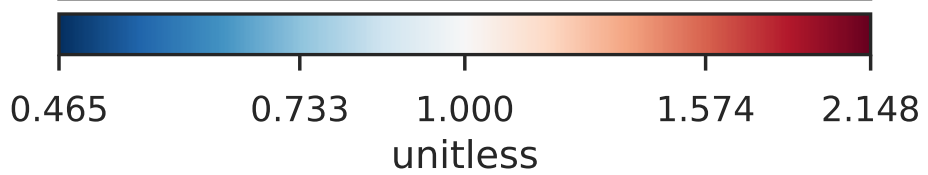
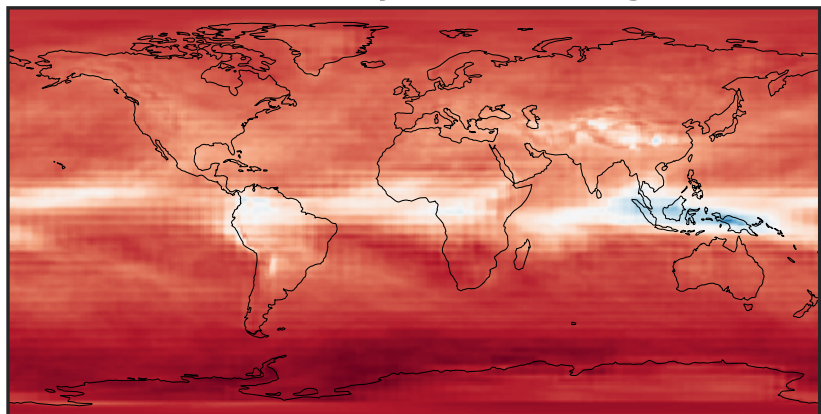
Difference (1x1.25)
Dev - Ref, Dynamic Range



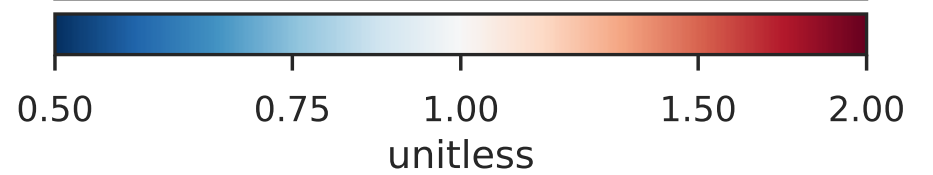
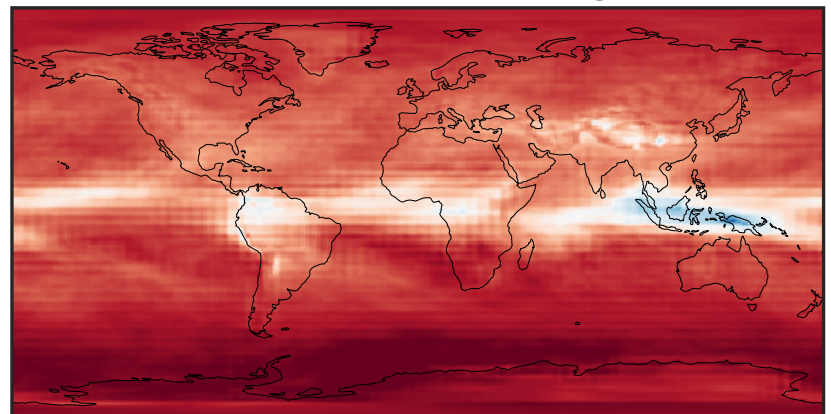
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

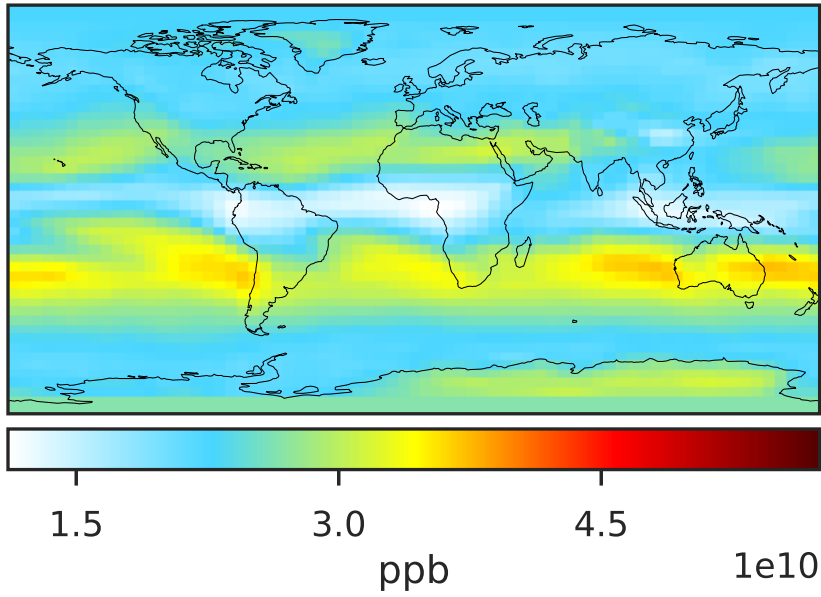


Ratio (1x1.25)
Dev/Ref, Fixed Range

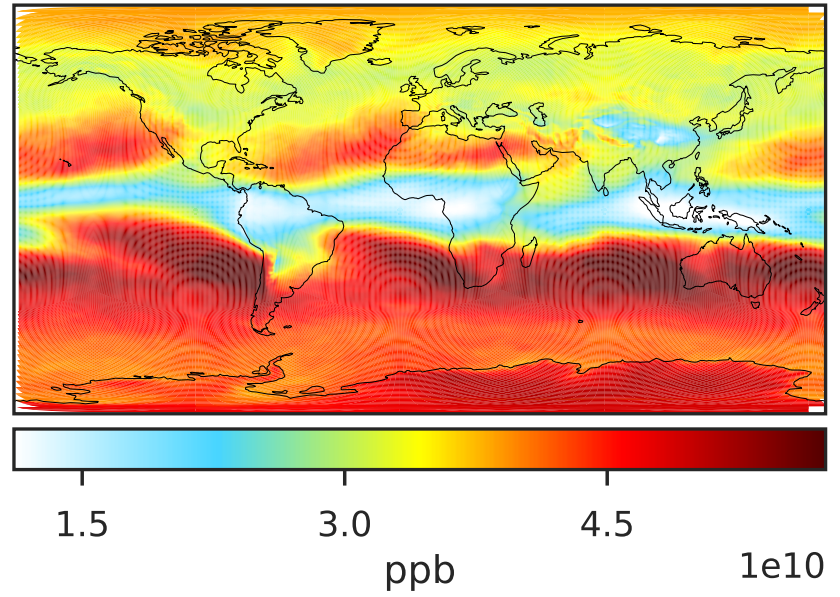


SpeciesConcVV_aoa_bl (AnnualMean)

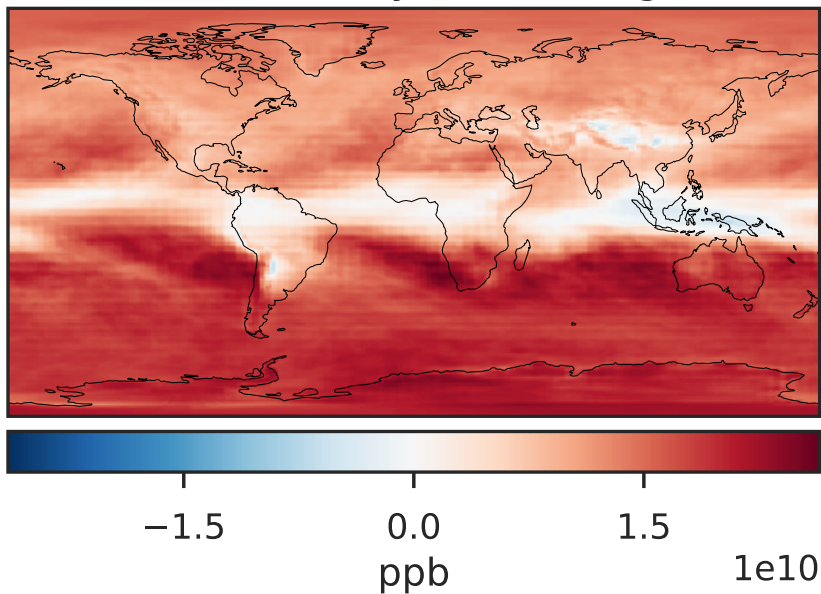
GCC 14.2.2 (Ref)
4.0x5.0



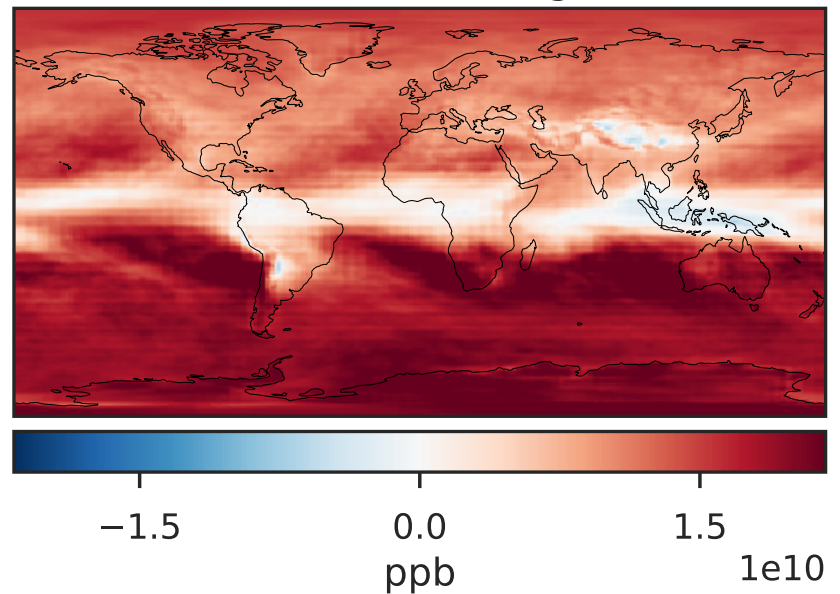
GCHP 14.2.2 using mass flux (Dev)
c180



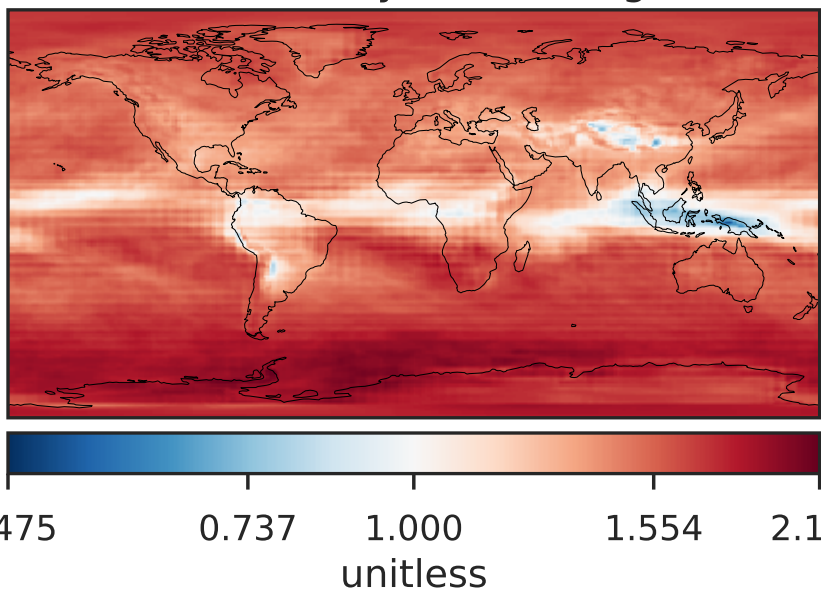
Difference (1x1.25)
Dev - Ref, Dynamic Range



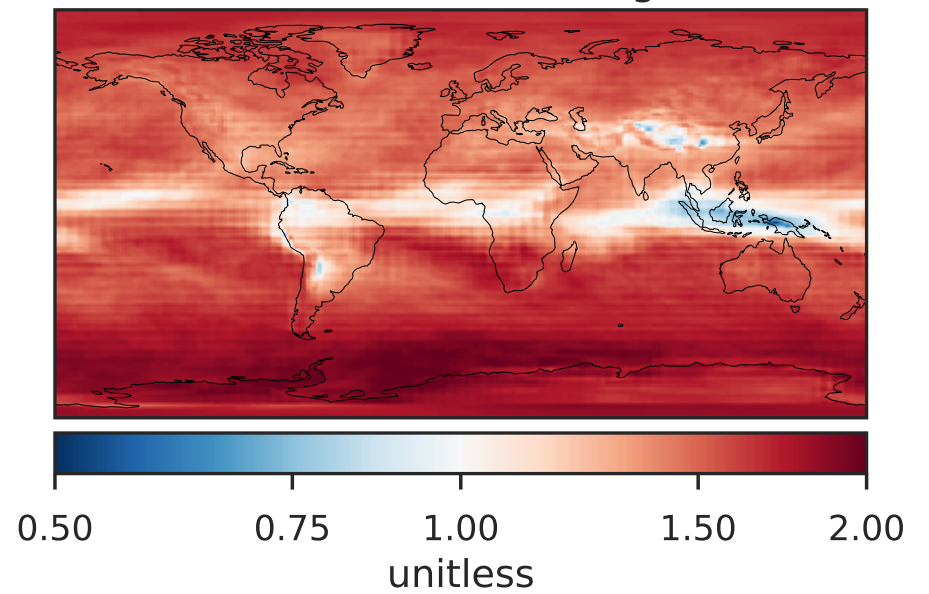
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

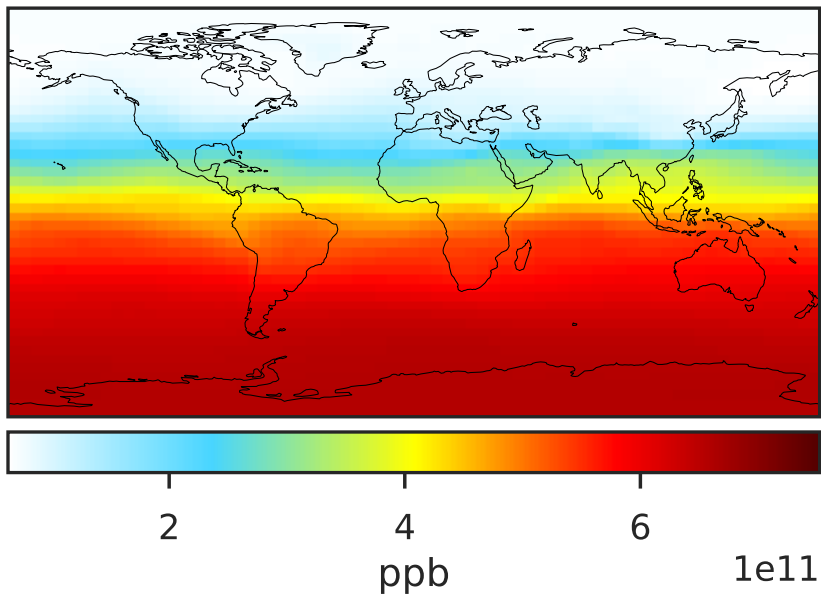


Ratio (1x1.25)
Dev/Ref, Fixed Range

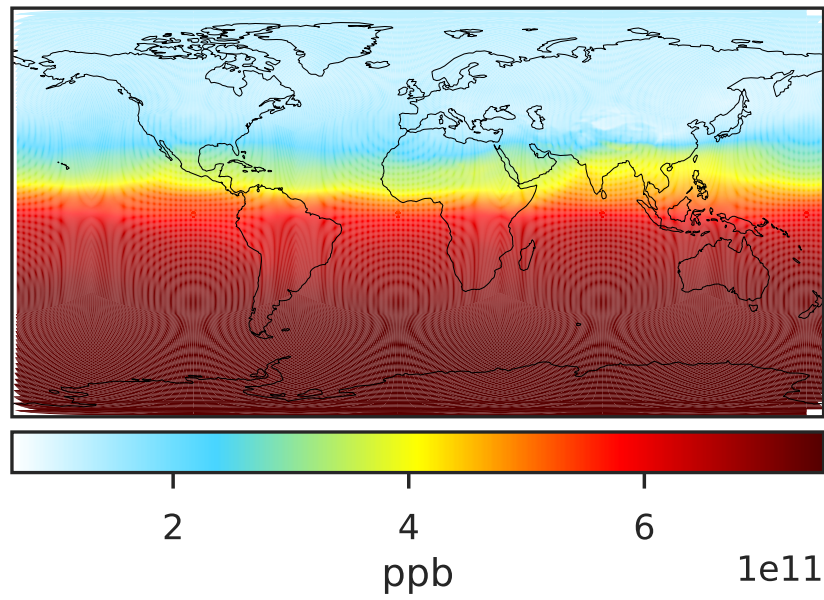


SpeciesConcVW_aoa_nh (AnnualMean)

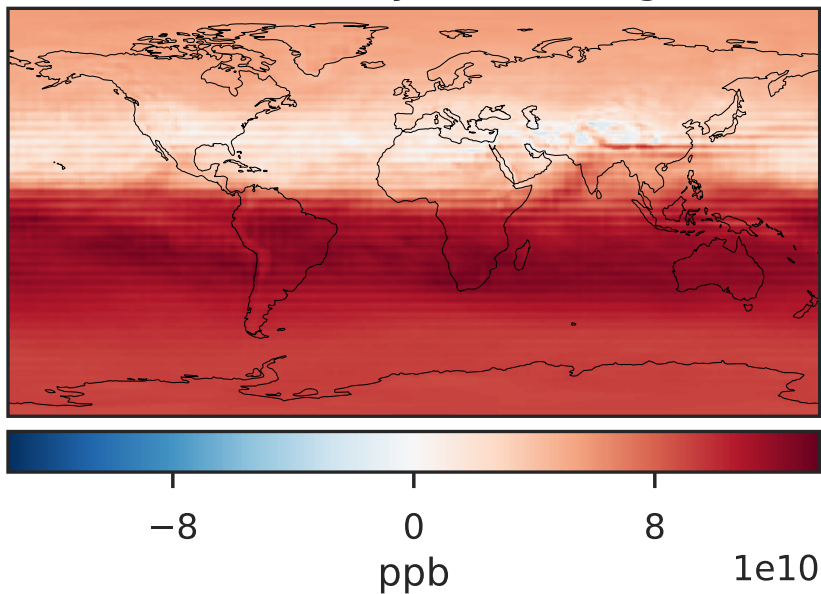
GCC 14.2.2 (Ref)
4.0x5.0



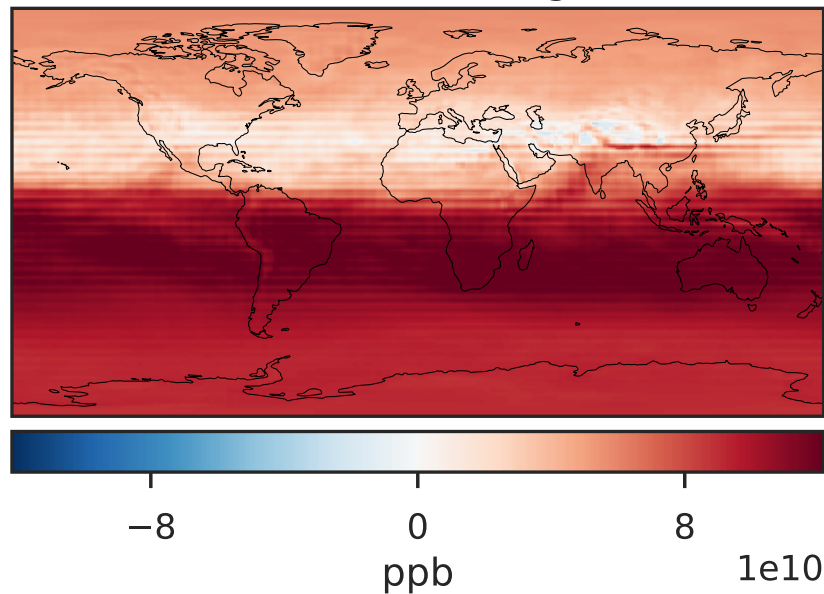
GCHP 14.2.2 using mass flux (Dev)
c180



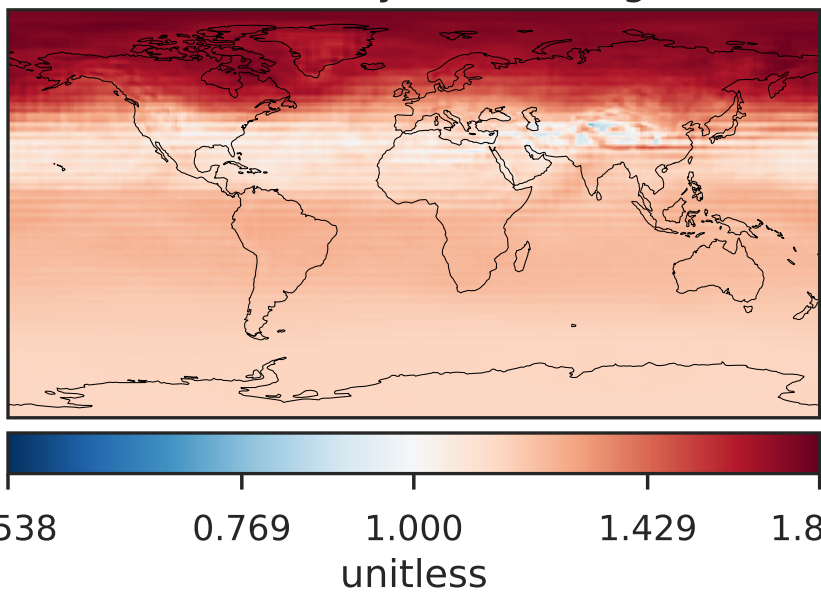
Difference (1x1.25)
Dev - Ref, Dynamic Range



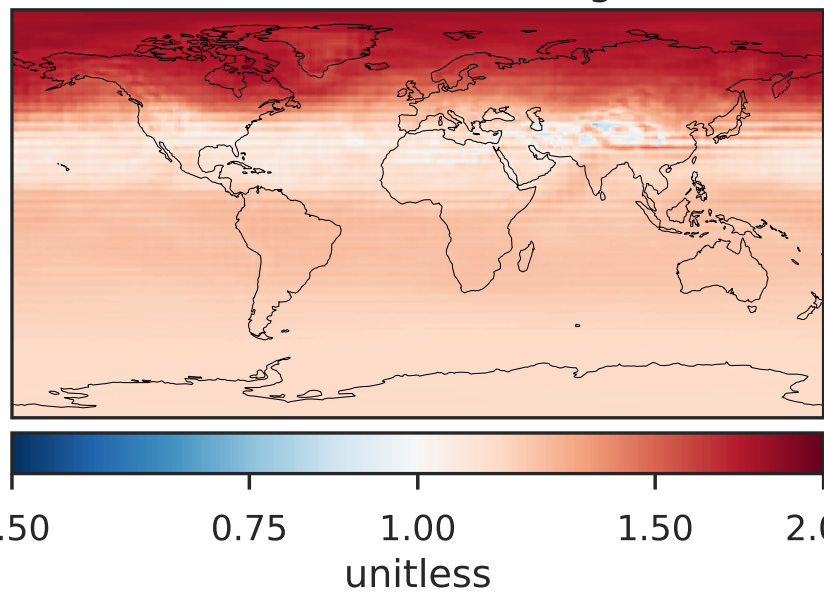
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

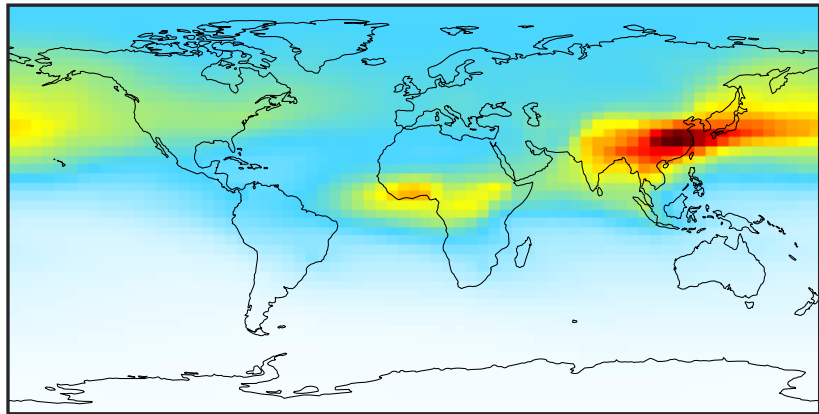


Ratio (1x1.25)
Dev/Ref, Fixed Range



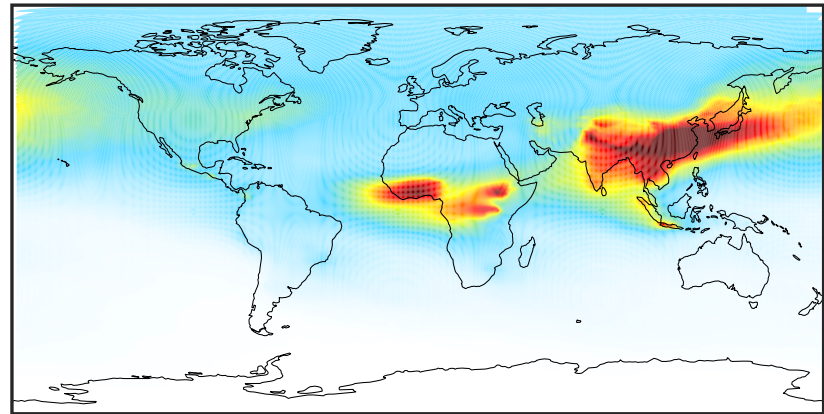
SpeciesConcVV_CO_25 (AnnualMean)

GCC 14.2.2 (Ref)
4.0x5.0



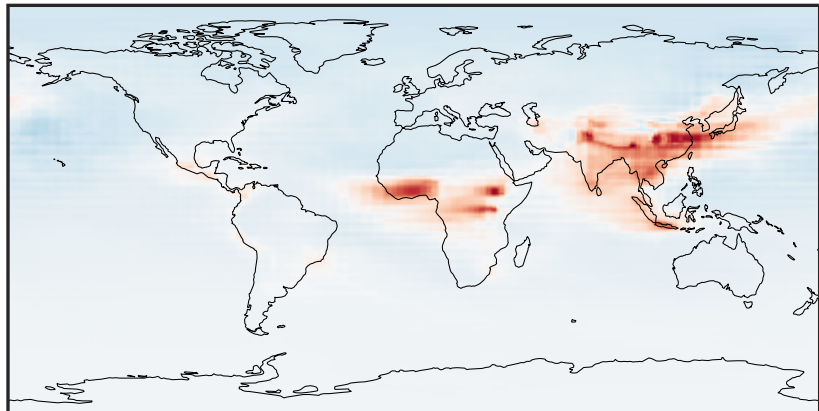
0.48 9.17 17.86 26.54 35.23
ppb

GCHP 14.2.2 using mass flux (Dev)
c180



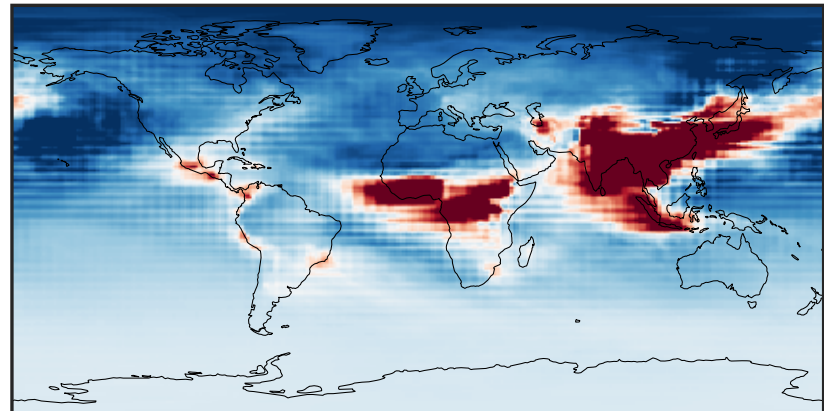
0.48 9.17 17.86 26.54 35.23
ppb

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



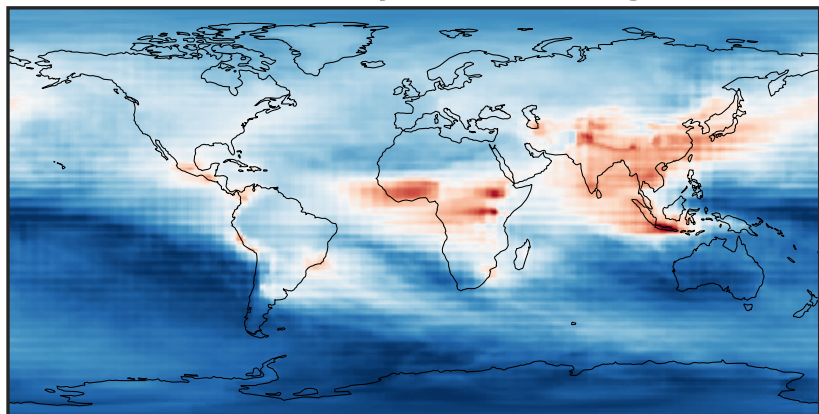
-18.07 -9.04 0.00 9.04 18.07
ppb

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



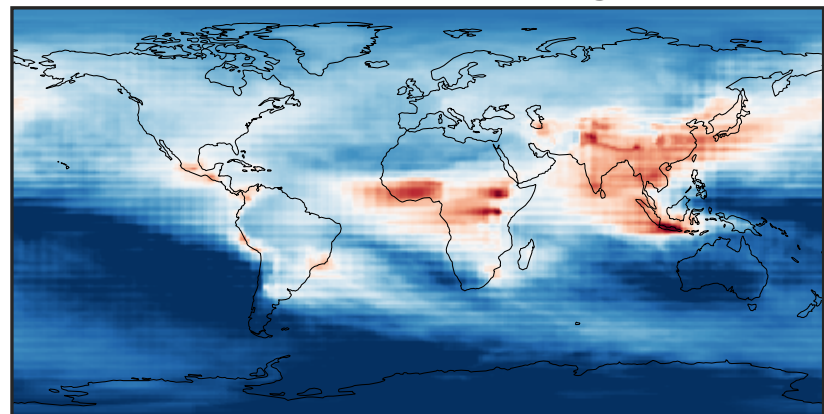
-3.425 -1.712 0.000 1.712 3.425
ppb

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



0.452 0.726 1.000 1.606 2.211
unitless

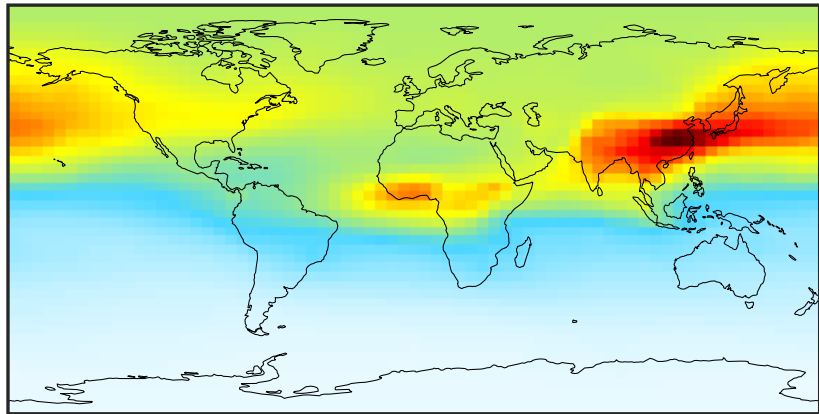
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

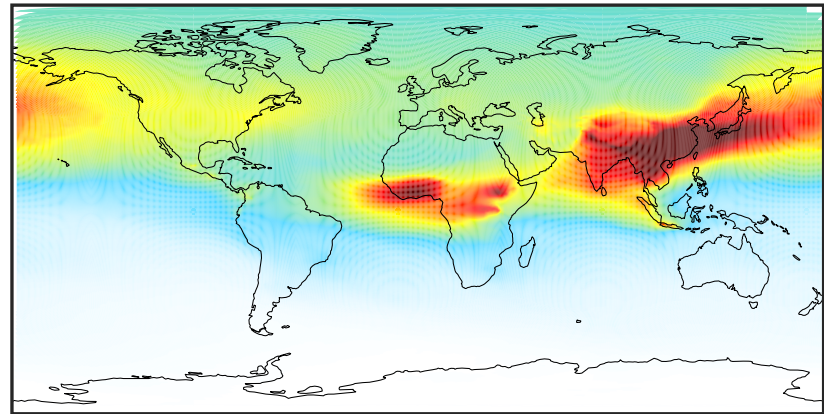
SpeciesConcVV_CO_50 (AnnualMean)

GCC 14.2.2 (Ref)
4.0x5.0



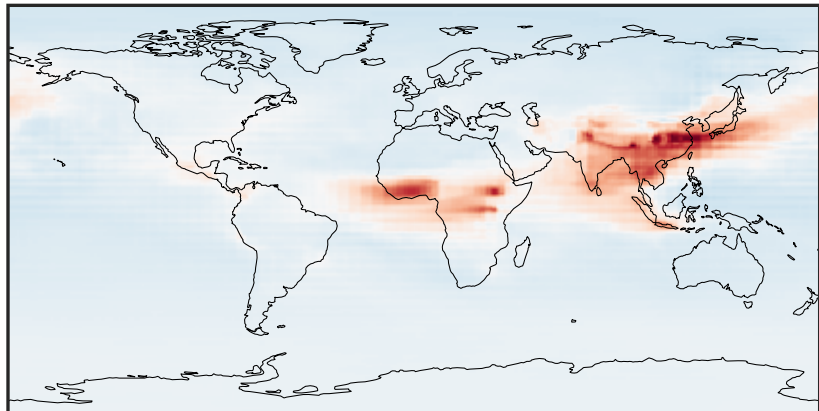
2.15 14.18 26.21 38.23 50.26
ppb

GCHP 14.2.2 using mass flux (Dev)
c180



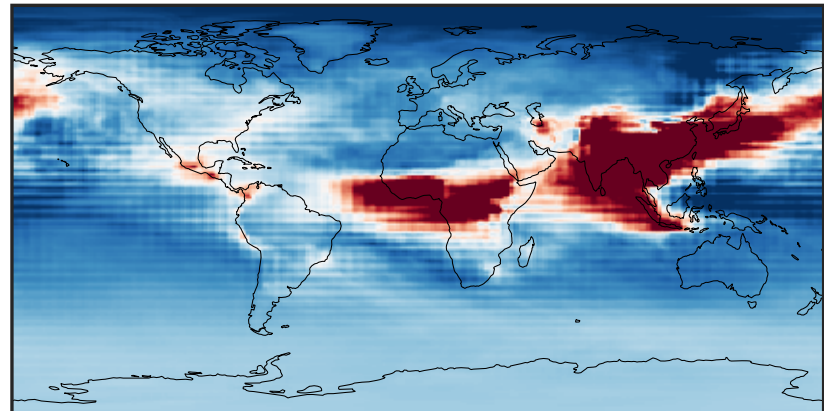
2.15 14.18 26.21 38.23 50.26
ppb

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



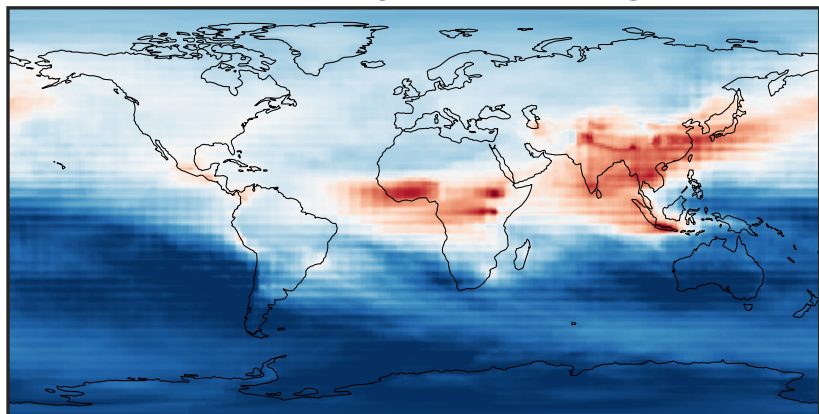
-23.30 -11.65 0.00 11.65 23.30
ppb

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



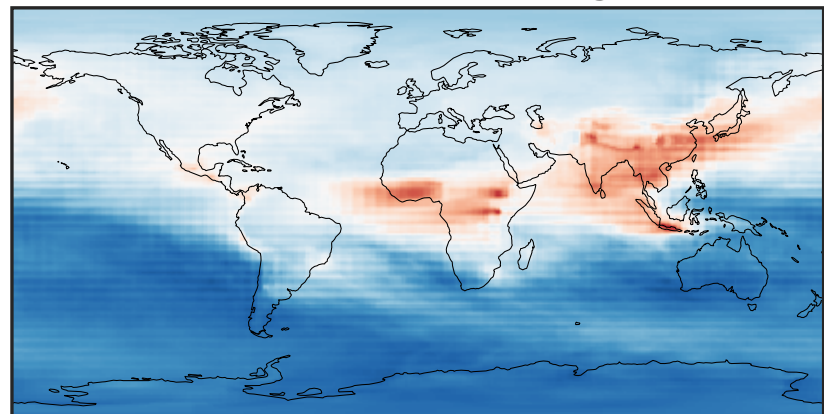
-4.365 -2.183 0.000 2.183 4.365
ppb

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



0.586 0.793 1.000 1.354 1.707
unitless

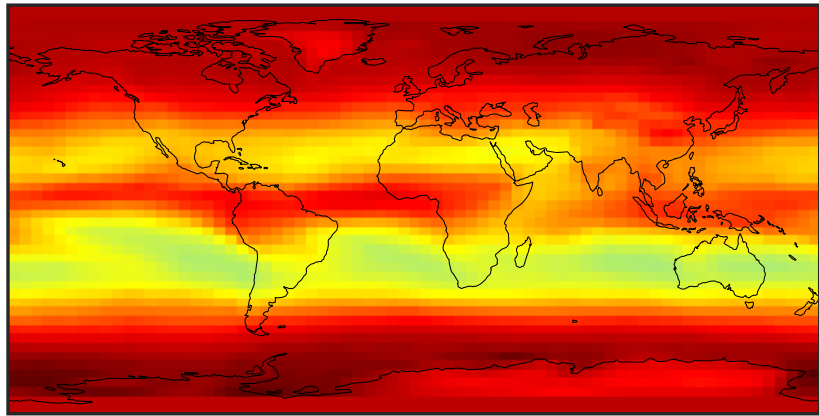
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

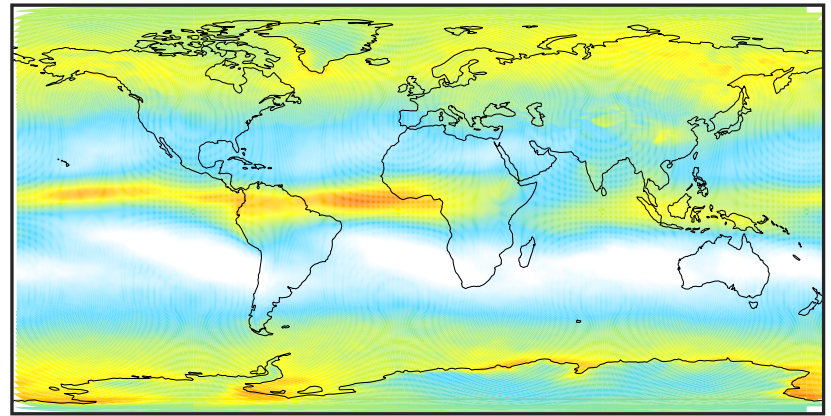
SpeciesConcVV_e90 (AnnualMean)

GCC 14.2.2 (Ref)
4.0x5.0



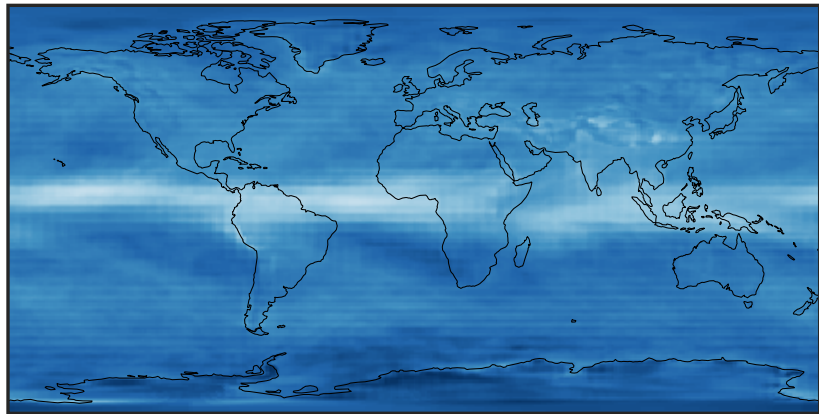
50.57 58.65 66.72 74.80 82.88
ppb

GCHP 14.2.2 using mass flux (Dev)
c180



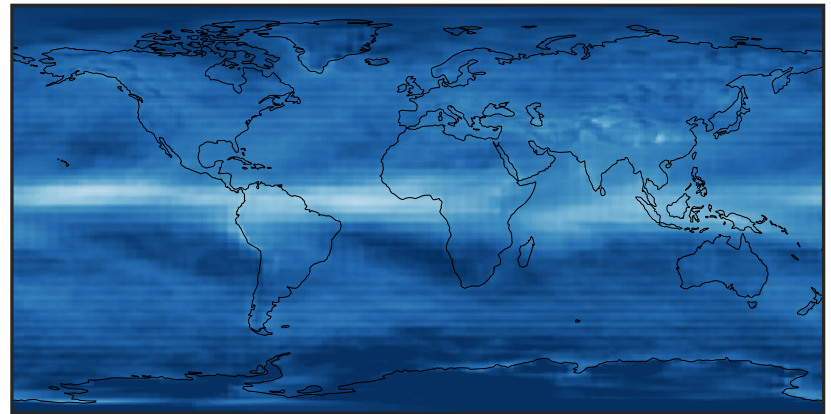
50.57 58.65 66.72 74.80 82.88
ppb

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



-18.2 -9.1 0.0 9.1 18.2
ppb

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



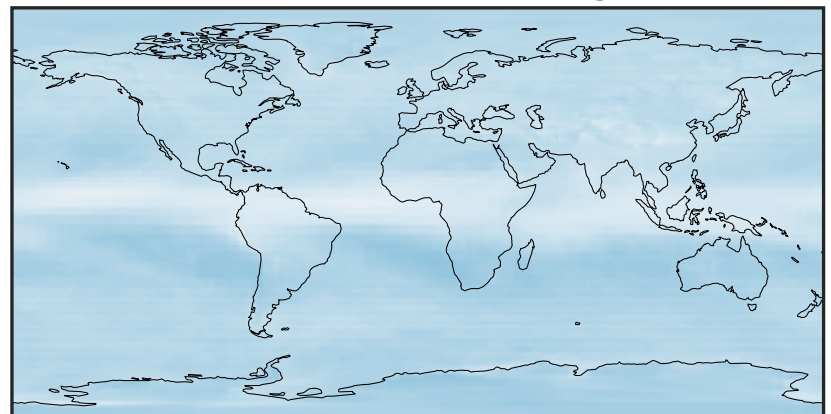
-15.54 -7.77 0.00 7.77 15.54
ppb

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



0.9426 0.9713 1.0000 1.0305 1.0609
unitless

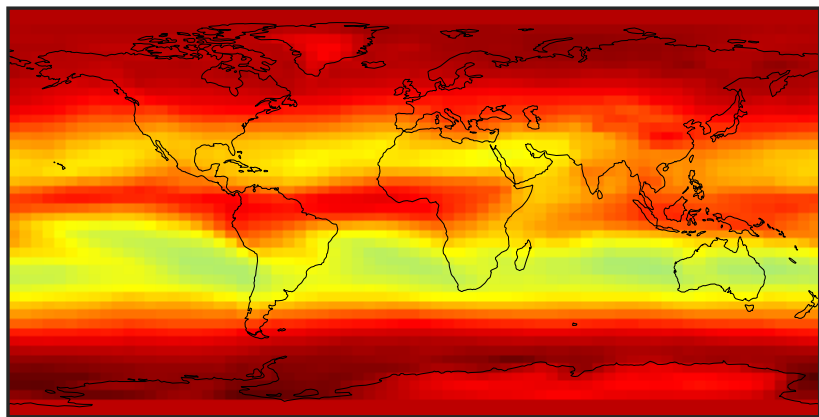
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

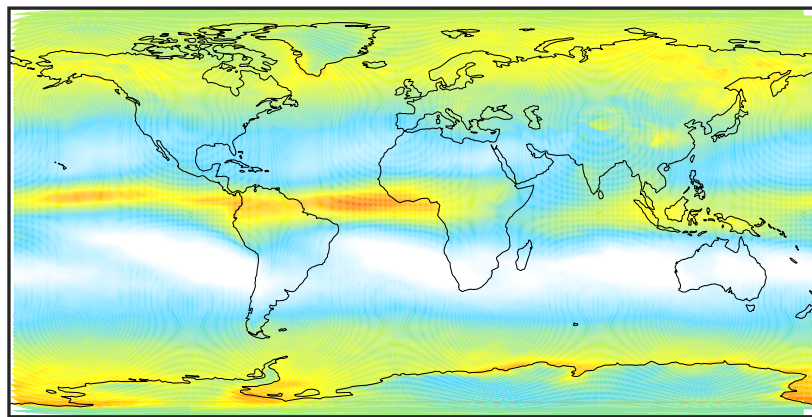
SpeciesConcVV_e90_n (AnnualMean)

GCC 14.2.2 (Ref)
4.0x5.0



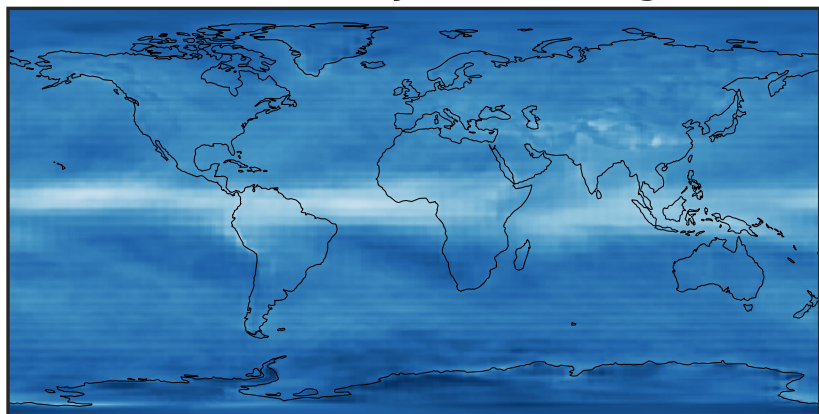
50.57 58.65 66.72 74.80 82.88
ppb

GCHP 14.2.2 using mass flux (Dev)
c180



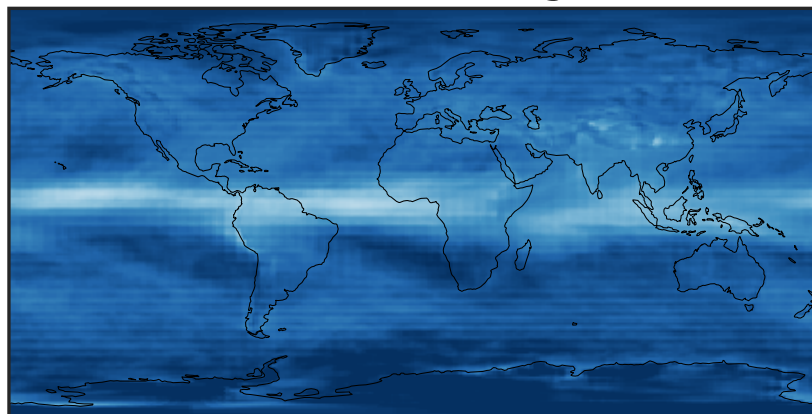
50.57 58.65 66.72 74.80 82.88
ppb

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



-18.2 -9.1 0.0 9.1 18.2
ppb

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



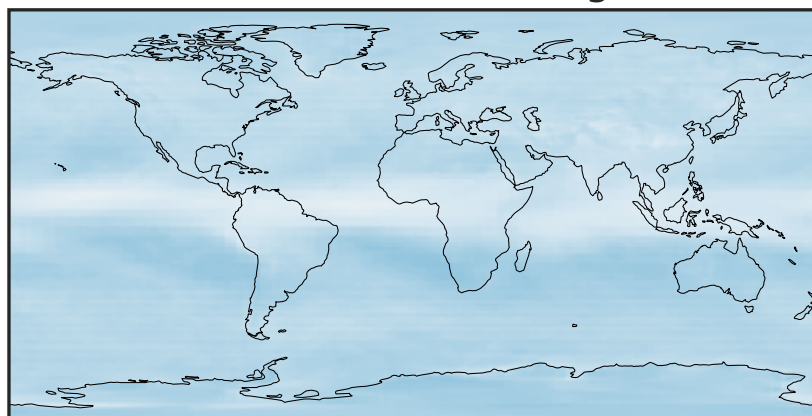
-15.54 -7.77 0.00 7.77 15.54
ppb

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



0.9426 0.9713 1.0000 1.0305 1.0609
unitless

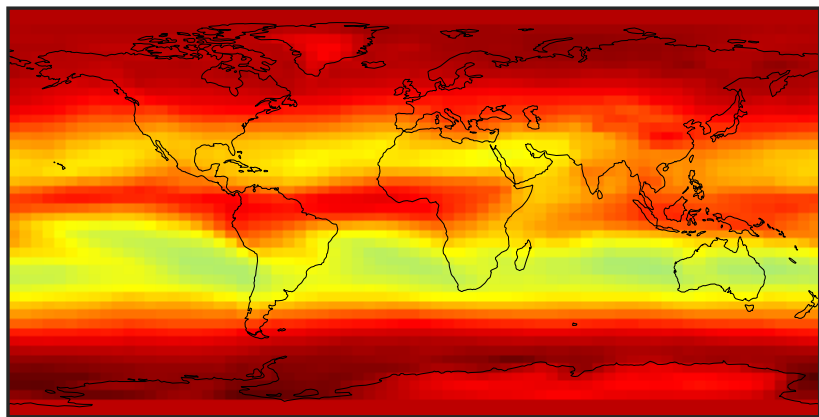
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

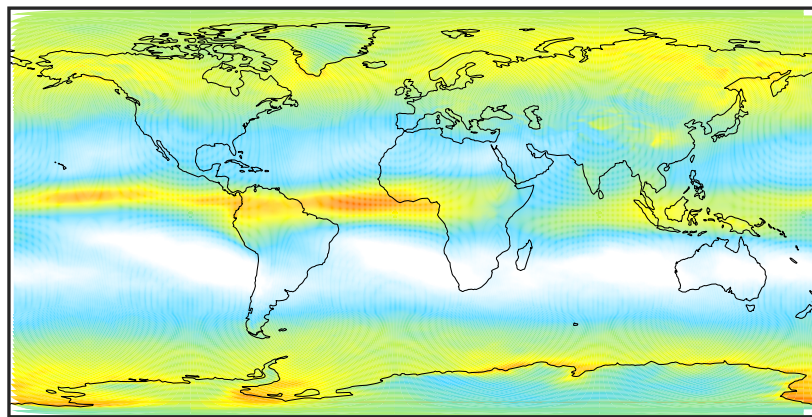
SpeciesConcVV_e90_s (AnnualMean)

GCC 14.2.2 (Ref)
4.0x5.0



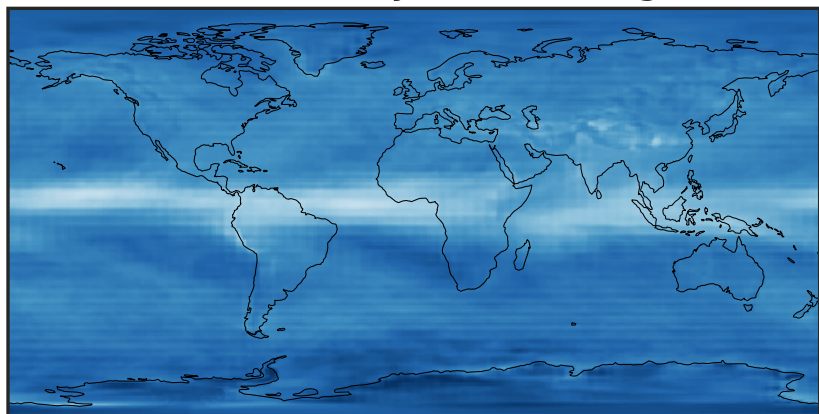
50.57 58.65 66.72 74.80 82.88
ppb

GCHP 14.2.2 using mass flux (Dev)
c180



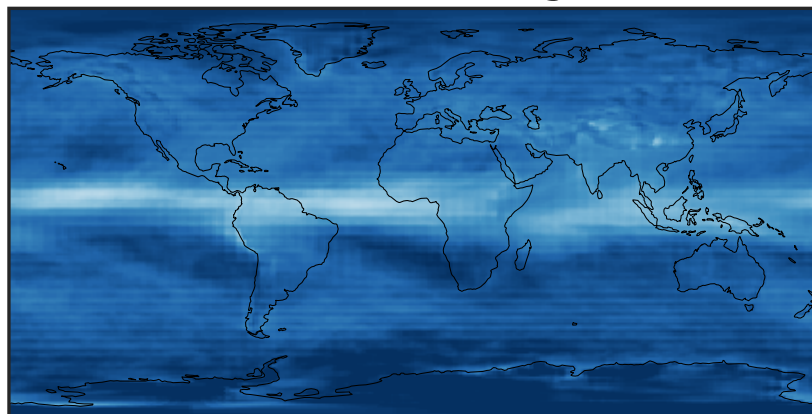
50.57 58.65 66.72 74.80 82.88
ppb

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



-18.2 -9.1 0.0 9.1 18.2
ppb

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



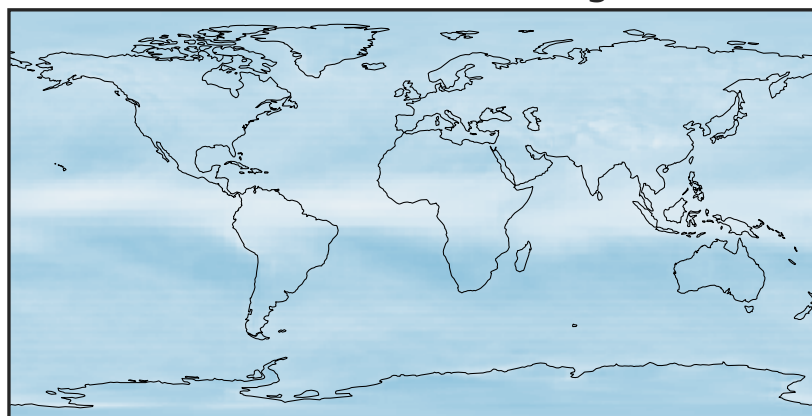
-15.54 -7.77 0.00 7.77 15.54
ppb

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



0.9426 0.9713 1.0000 1.0305 1.0609
unitless

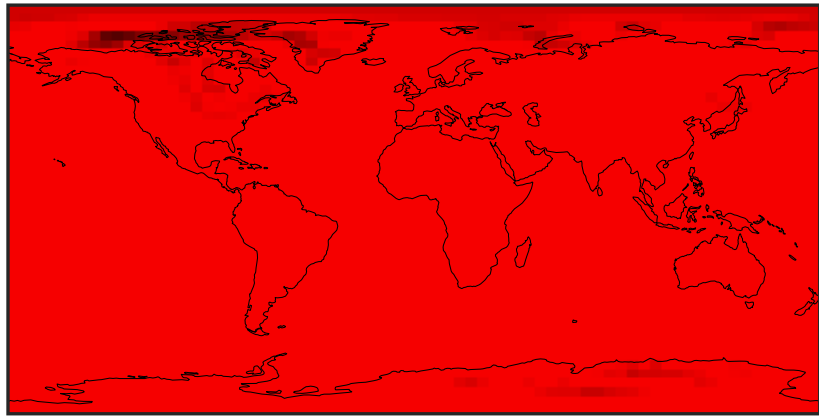
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

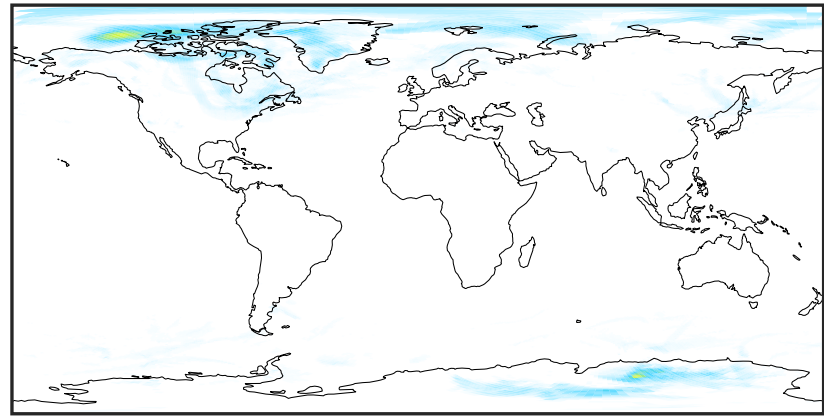
SpeciesConcVV_st80_25 (AnnualMean)

GCC 14.2.2 (Ref)
4.0x5.0



0.0065 0.0080 0.0095
ppb +1.9988e2

GCHP 14.2.2 using mass flux (Dev)
c180



0.0065 0.0080 0.0095
ppb +1.9988e2

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



-0.002 0.000 0.002
ppb

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



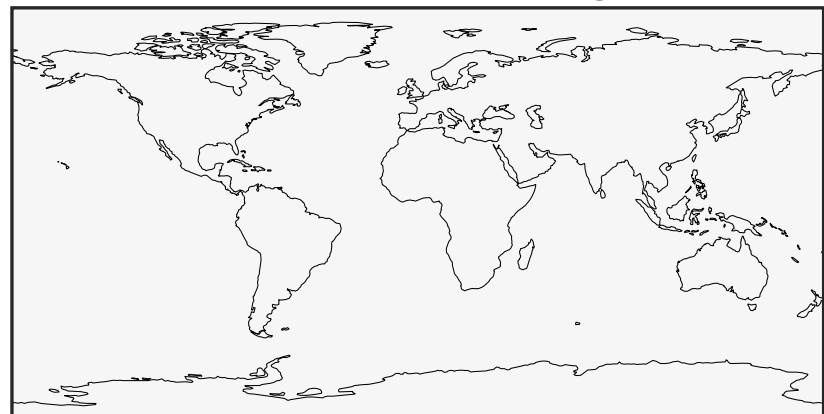
-0.002 0.000 0.002
ppb

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



0.99999089 1.0000000 1.00000911
unitless

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



0.50 0.75 1.00 1.50 2.00
unitless