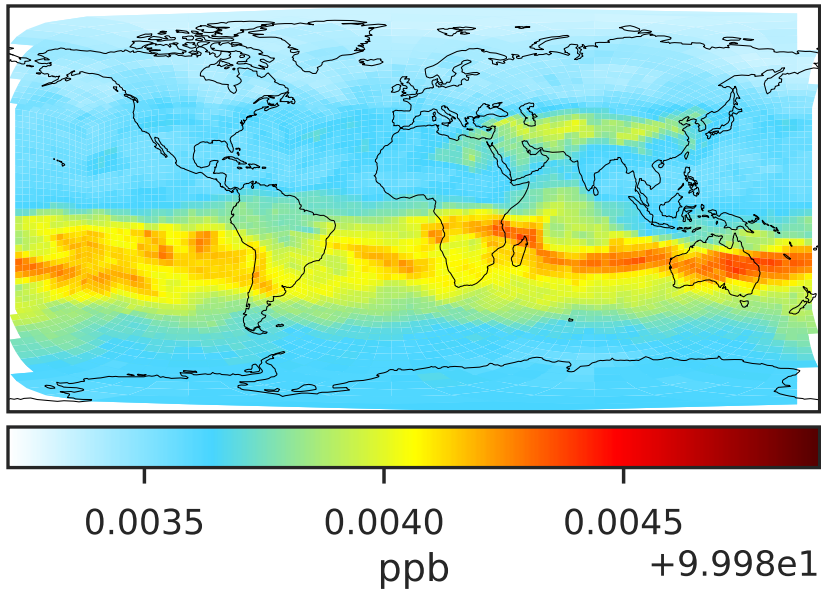
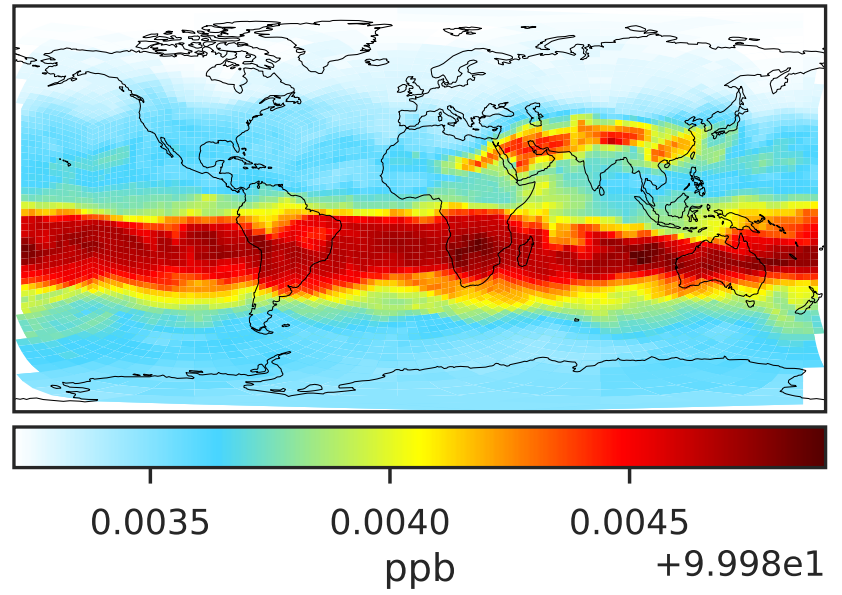


SpeciesConcVV_PassiveTracer (AnnualMean)

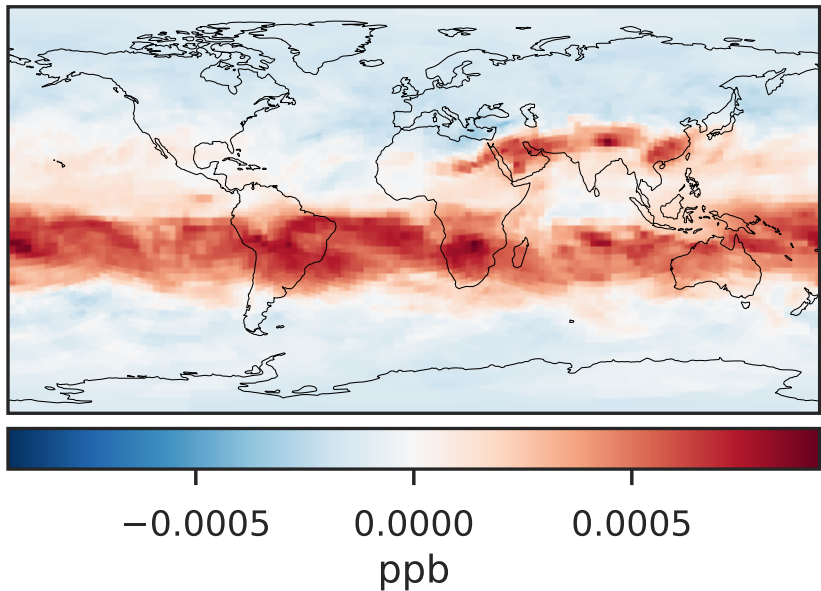
GCHP 14.2.2 using wind (Ref)
c30



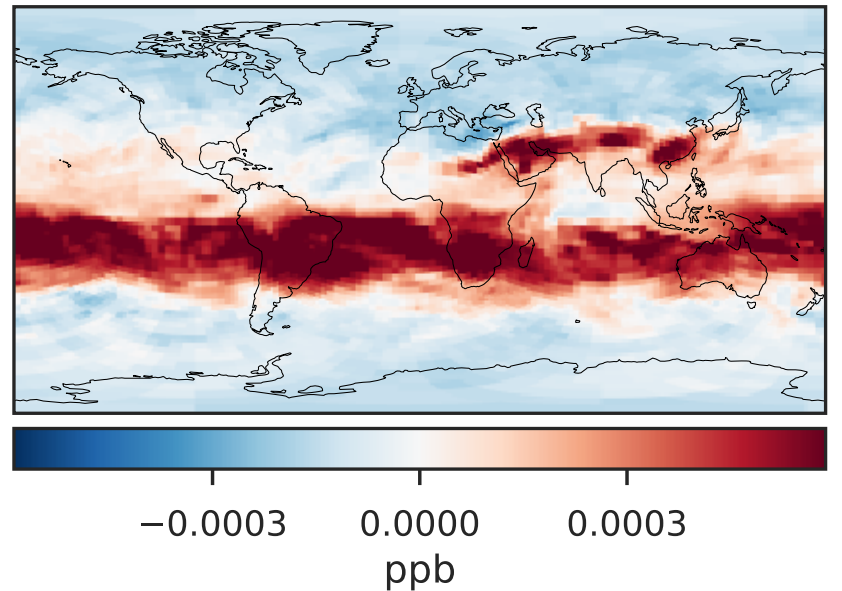
GCHP 14.2.2 using mass flux (Dev)
c30



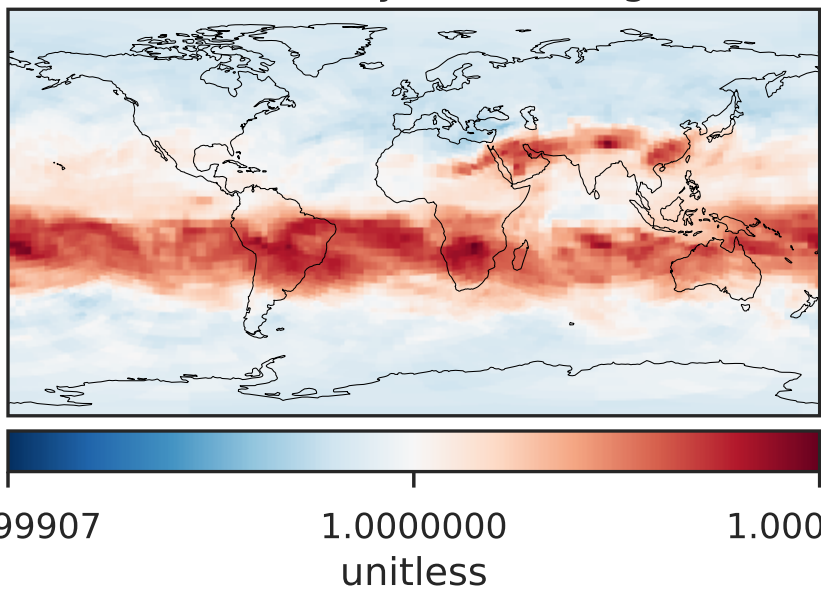
Difference (1x1.25)
Dev - Ref, Dynamic Range



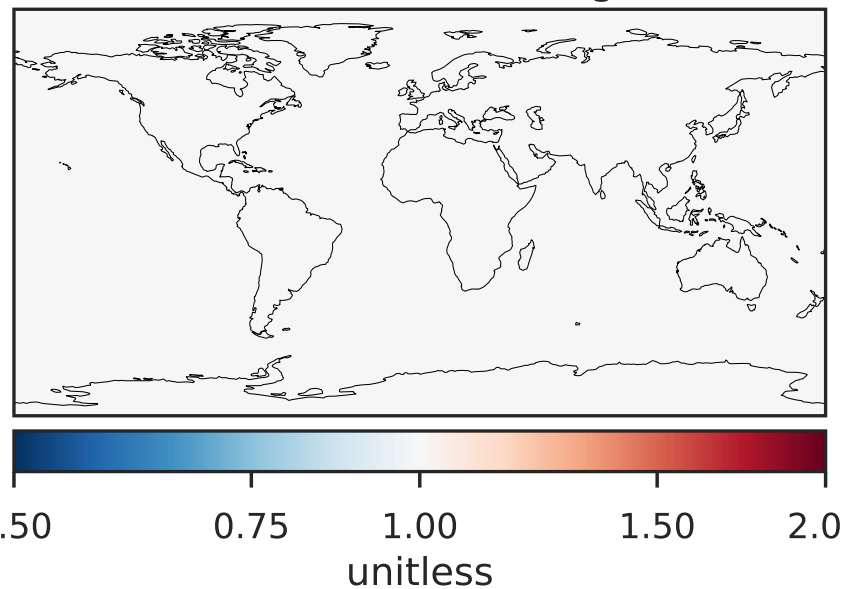
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

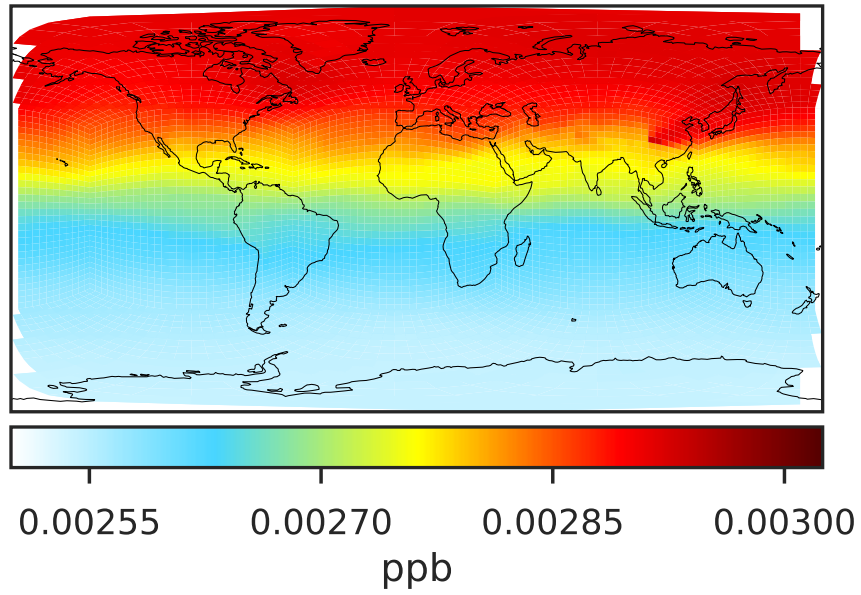


Ratio (1x1.25)
Dev/Ref, Fixed Range

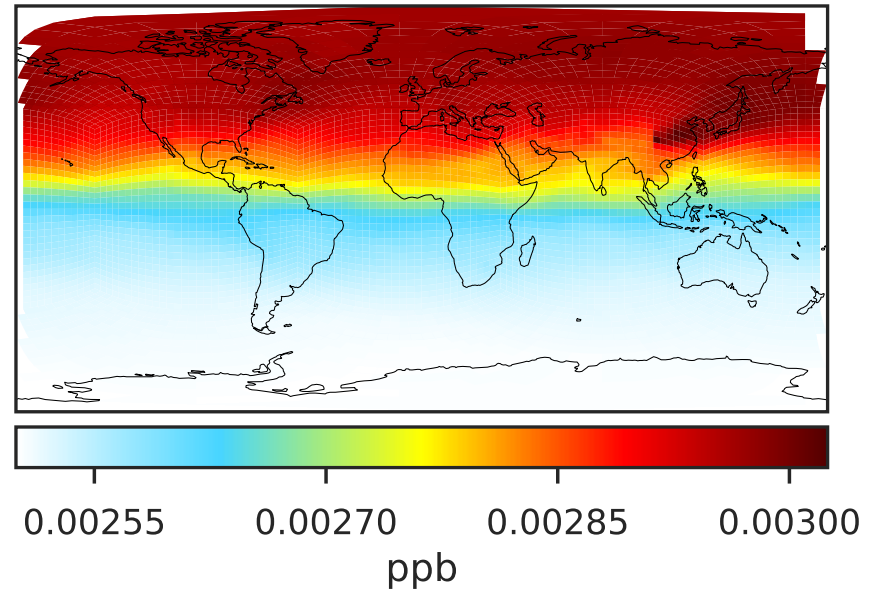


SpeciesConcVV_SF6 (AnnualMean)

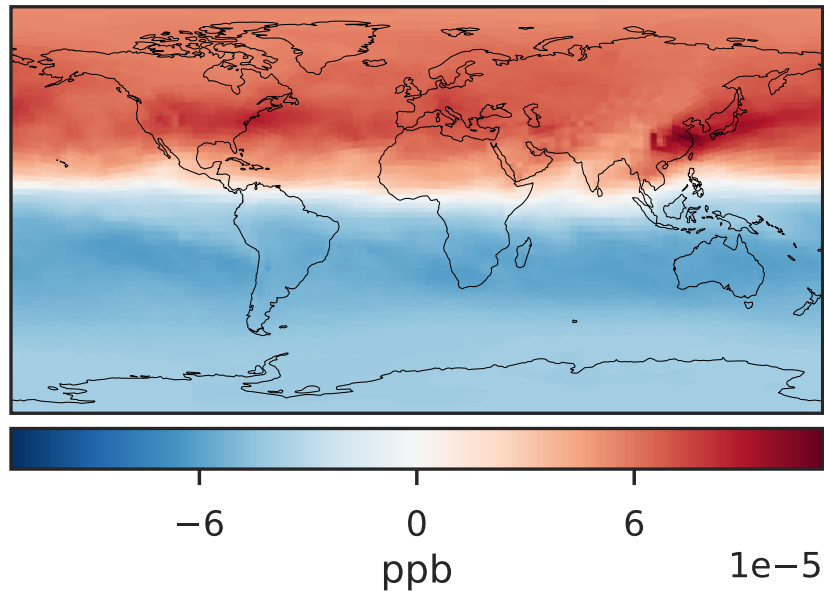
GCHP 14.2.2 using wind (Ref)
c30



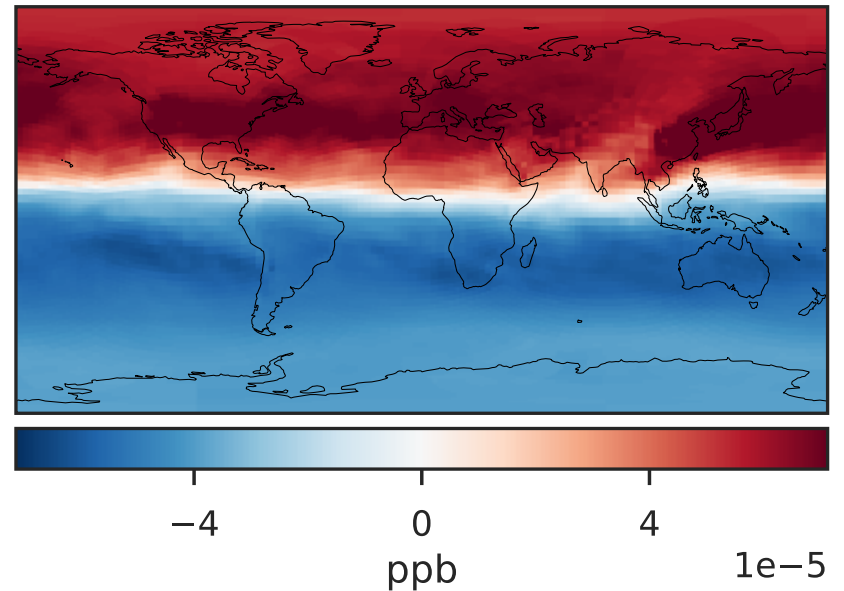
GCHP 14.2.2 using mass flux (Dev)
c30



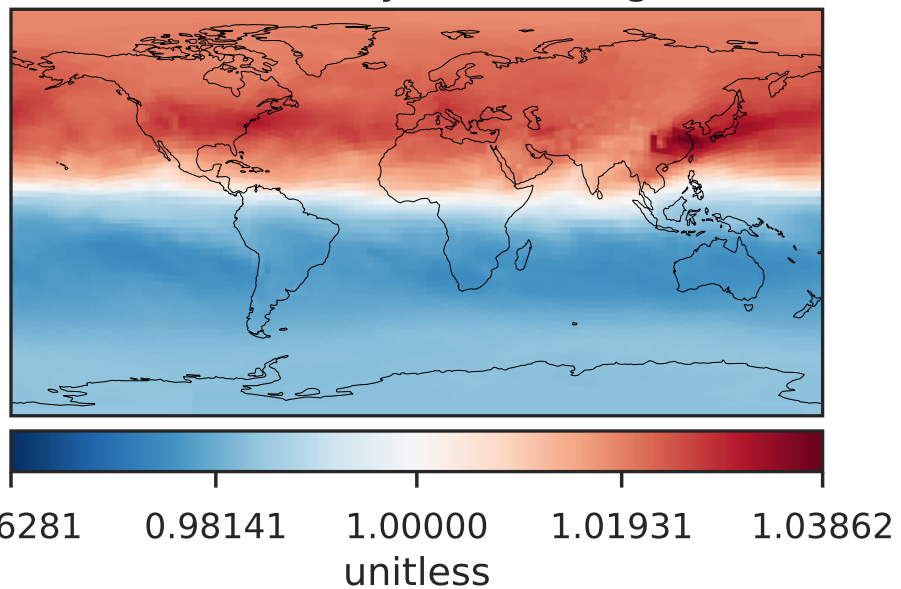
Difference (1x1.25)
Dev - Ref, Dynamic Range



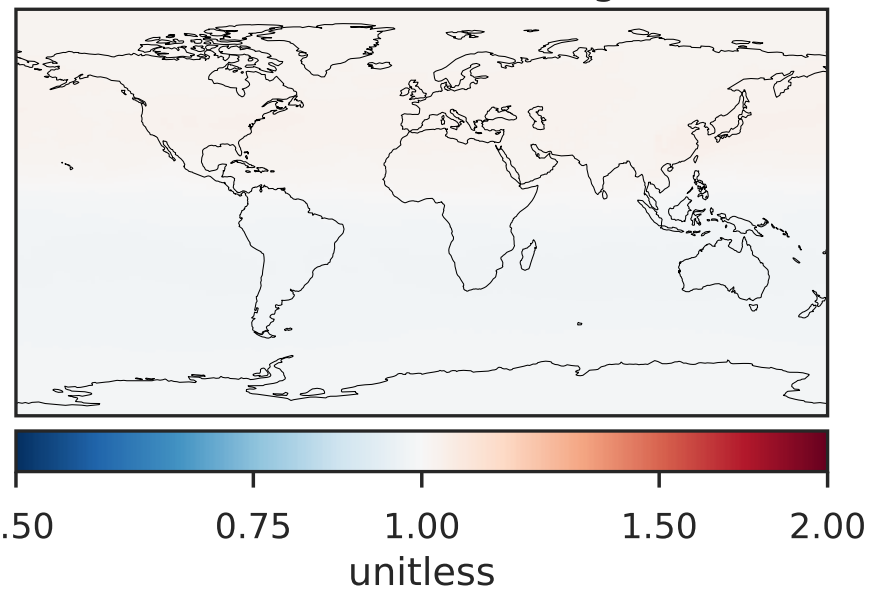
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

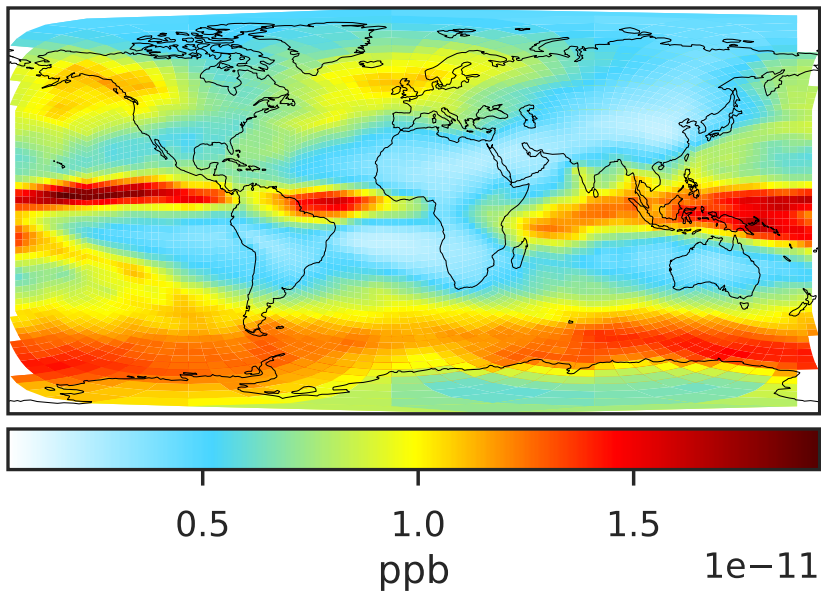


Ratio (1x1.25)
Dev/Ref, Fixed Range

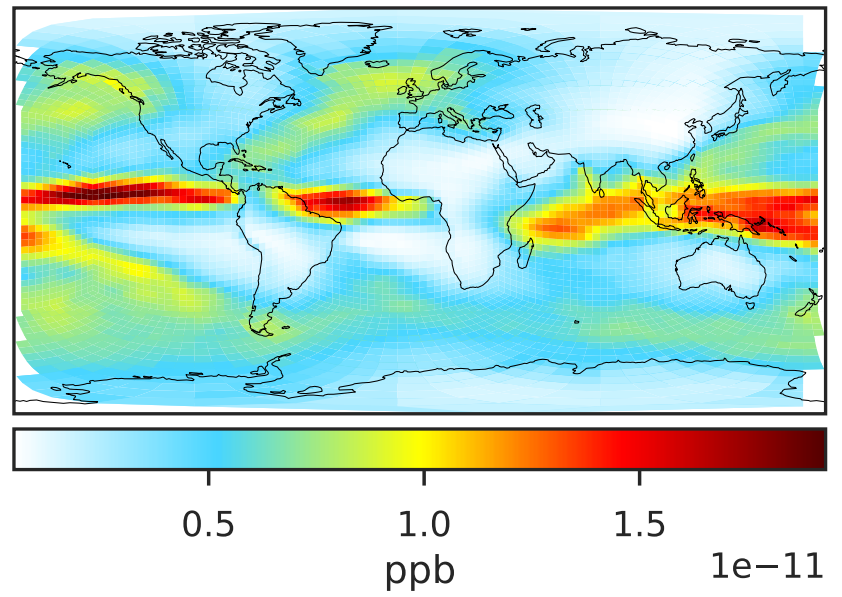


SpeciesConcVV_CH3I (AnnualMean)

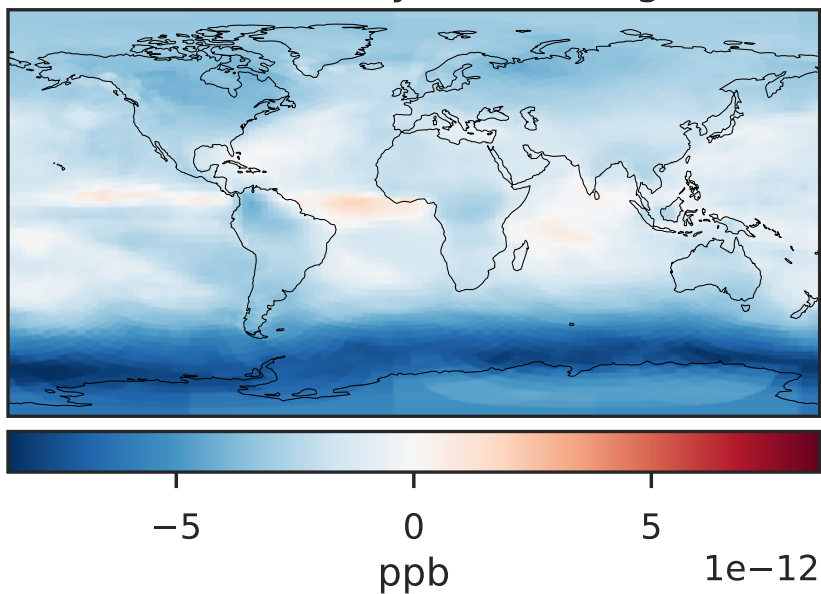
GCHP 14.2.2 using wind (Ref)
c30



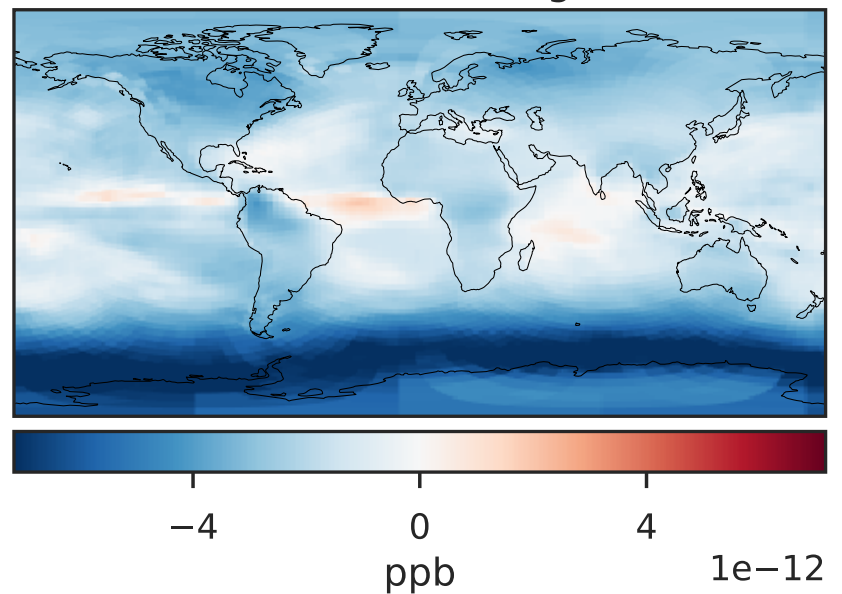
GCHP 14.2.2 using mass flux (Dev)
c30



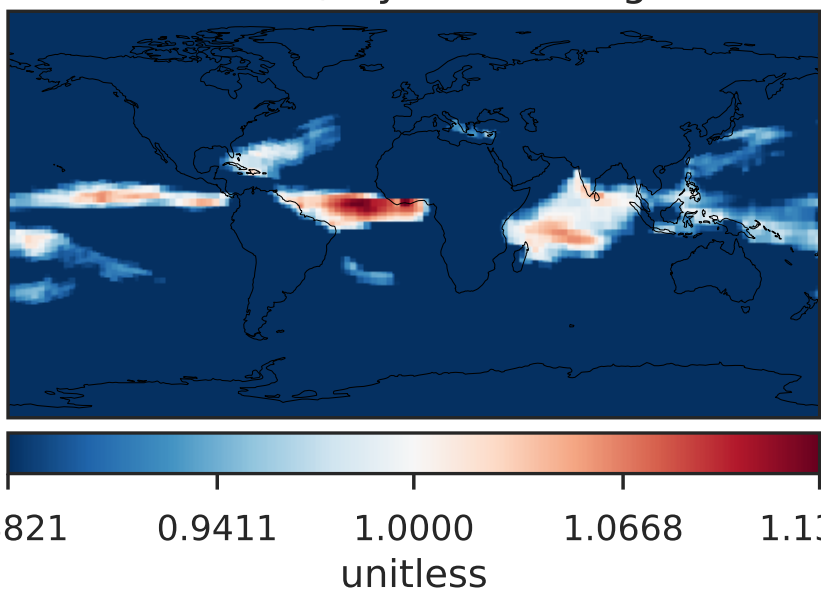
Difference (1x1.25)
Dev - Ref, Dynamic Range



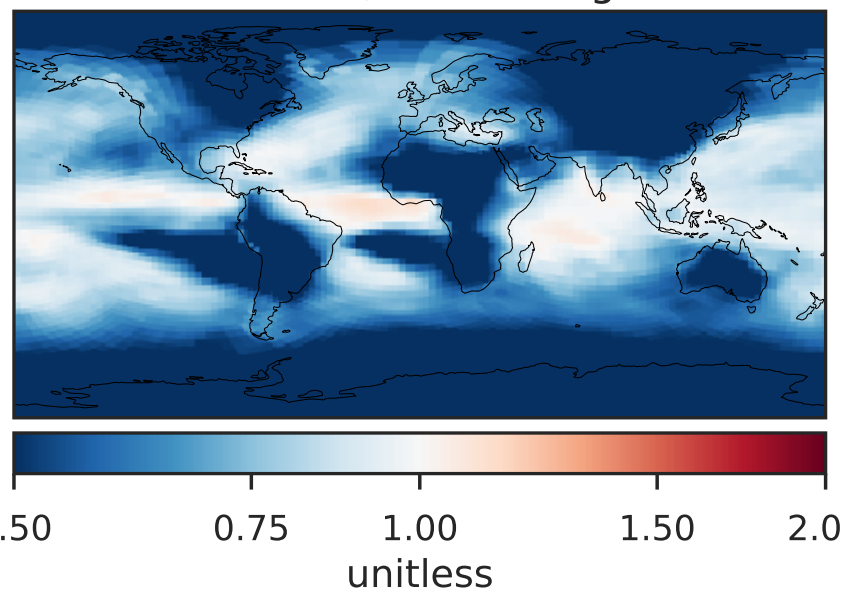
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

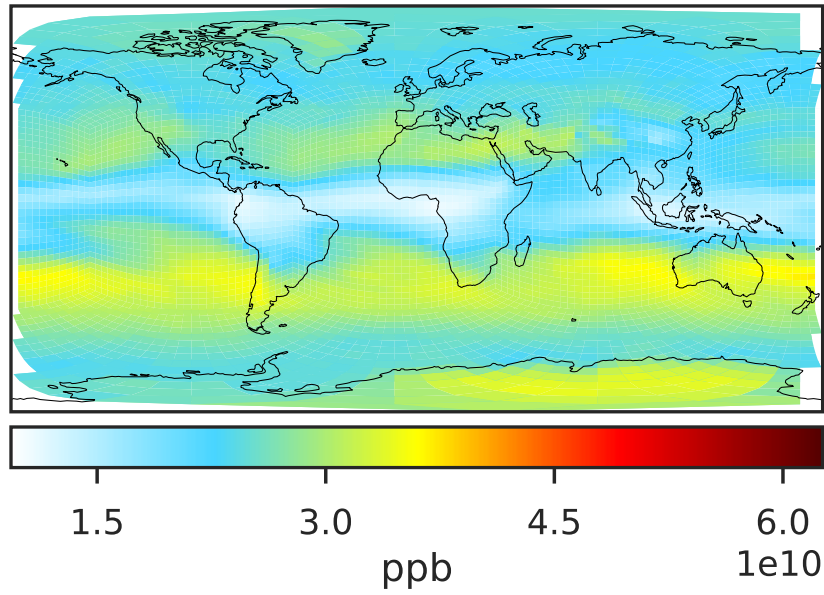


Ratio (1x1.25)
Dev/Ref, Fixed Range

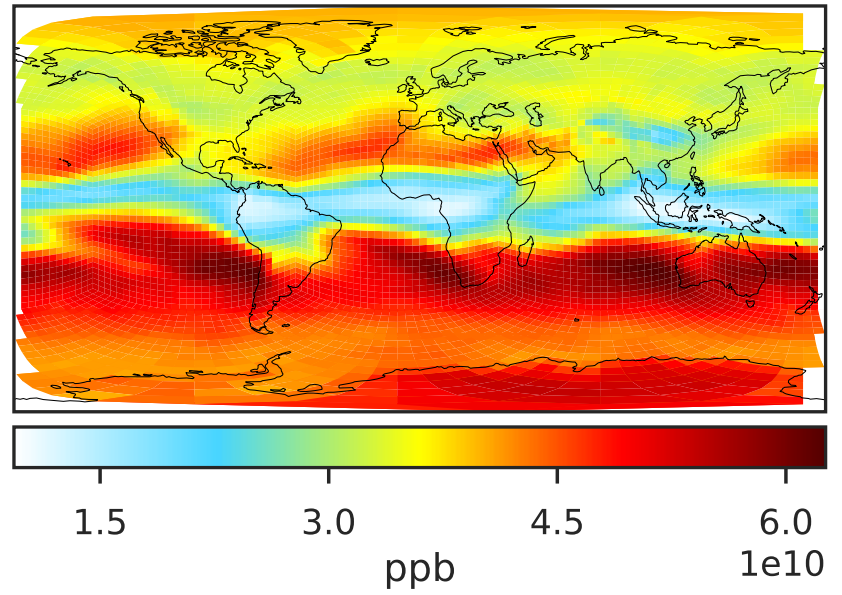


SpeciesConcVV_aoa (AnnualMean)

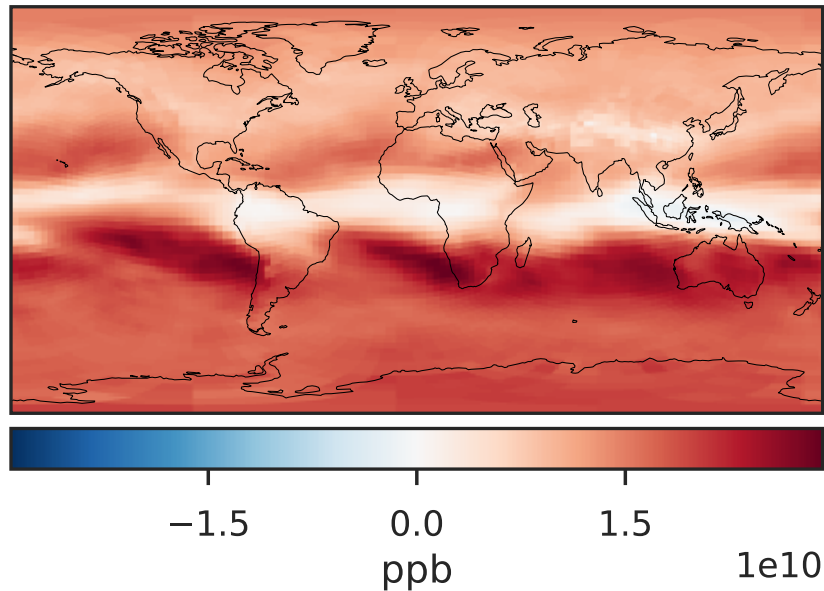
GCHP 14.2.2 using wind (Ref)
c30



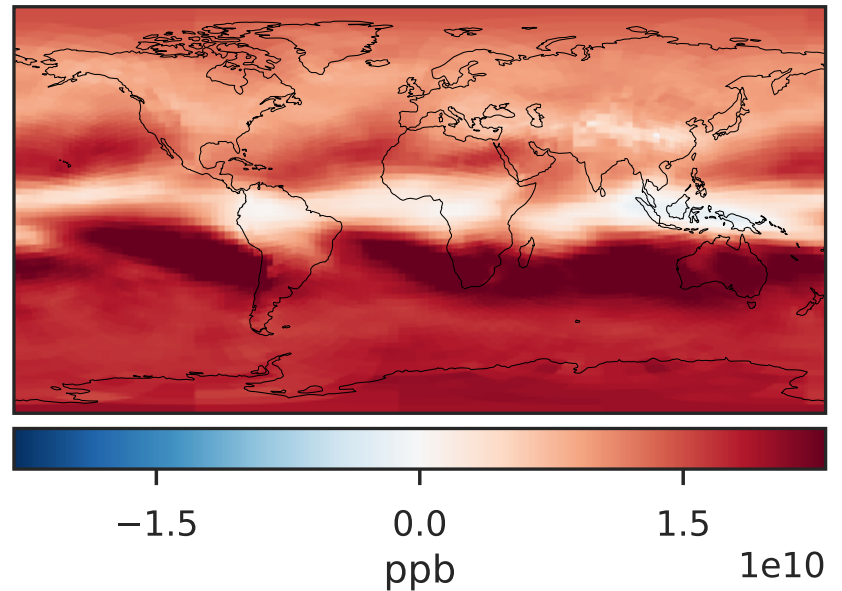
GCHP 14.2.2 using mass flux (Dev)
c30



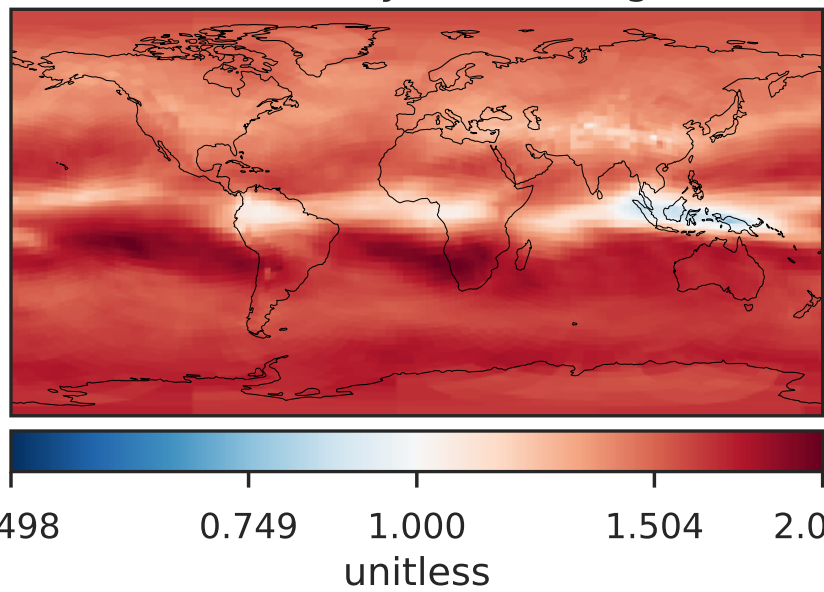
Difference (1x1.25)
Dev - Ref, Dynamic Range



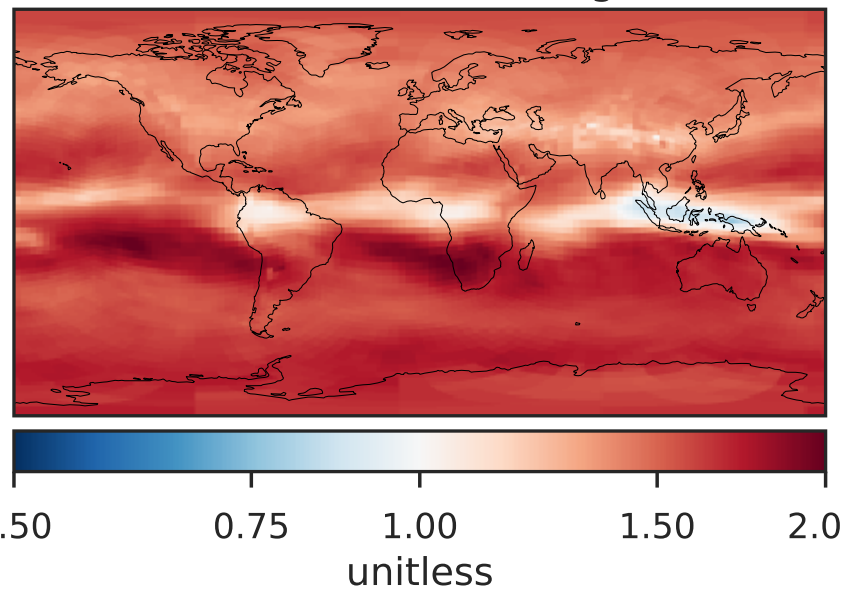
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

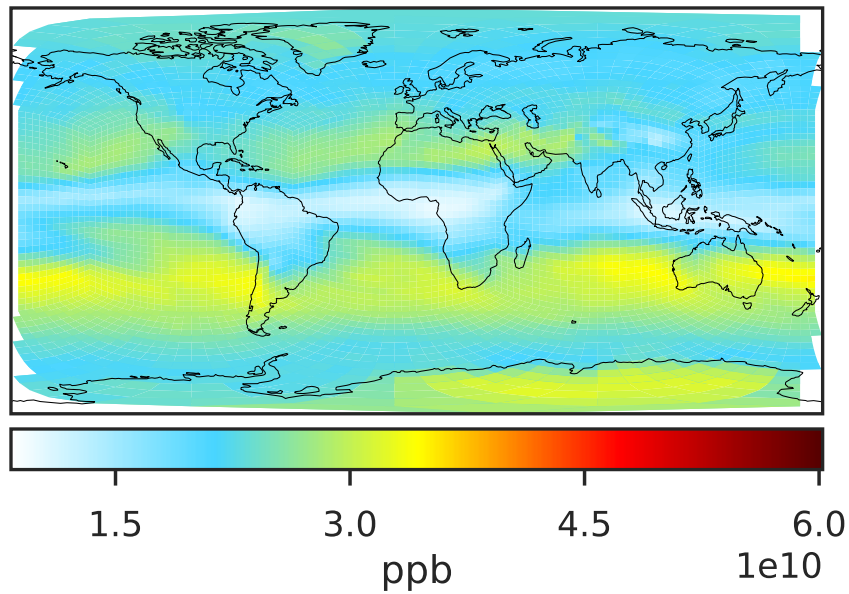


Ratio (1x1.25)
Dev/Ref, Fixed Range

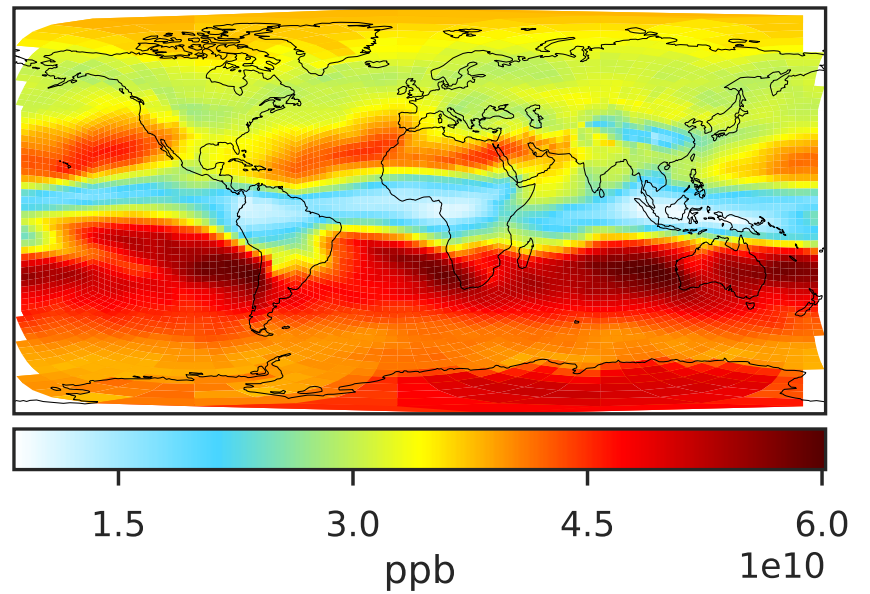


SpeciesConcVV_aoa_bl (AnnualMean)

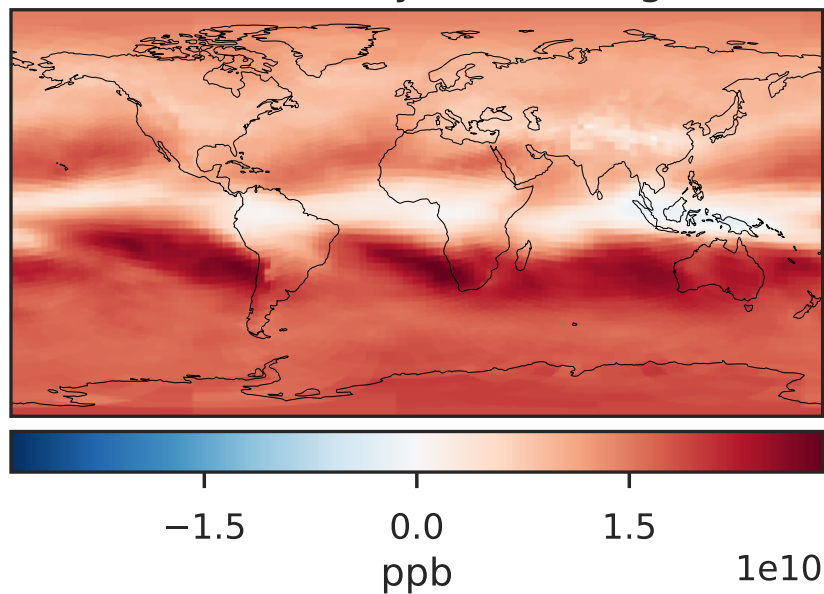
GCHP 14.2.2 using wind (Ref)
c30



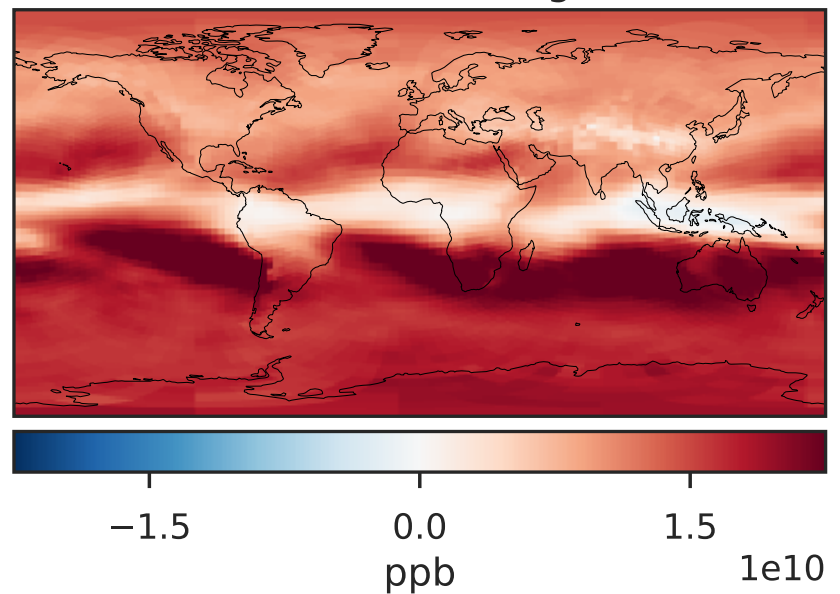
GCHP 14.2.2 using mass flux (Dev)
c30



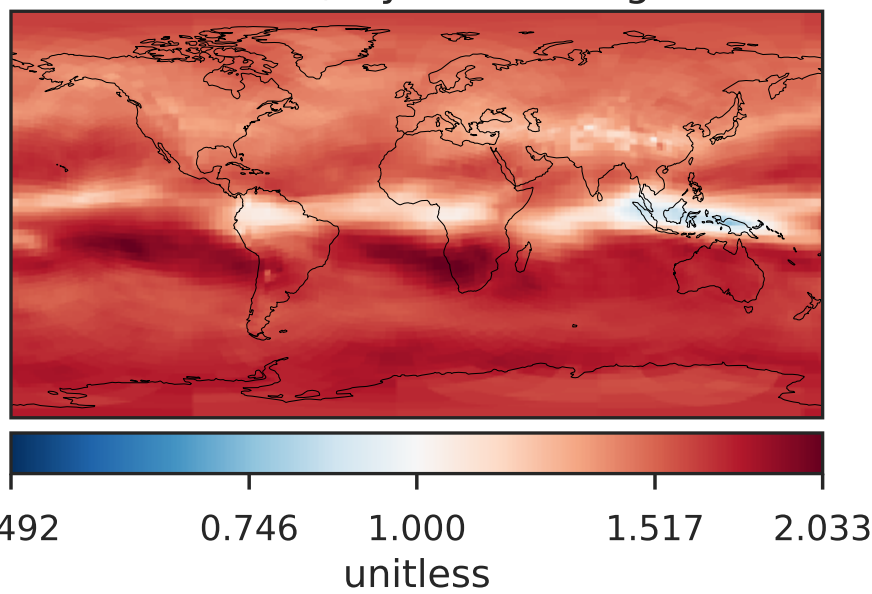
Difference (1x1.25)
Dev - Ref, Dynamic Range



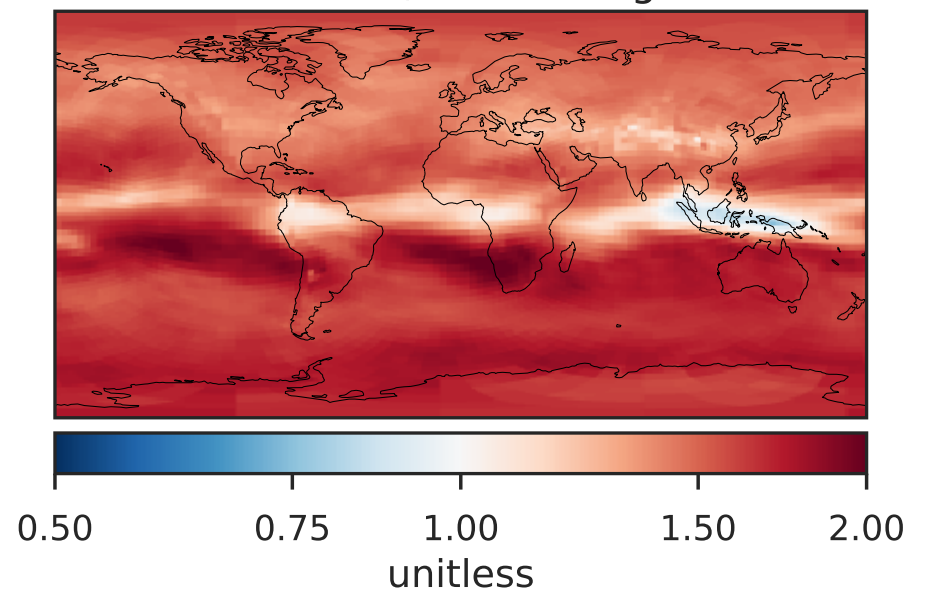
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

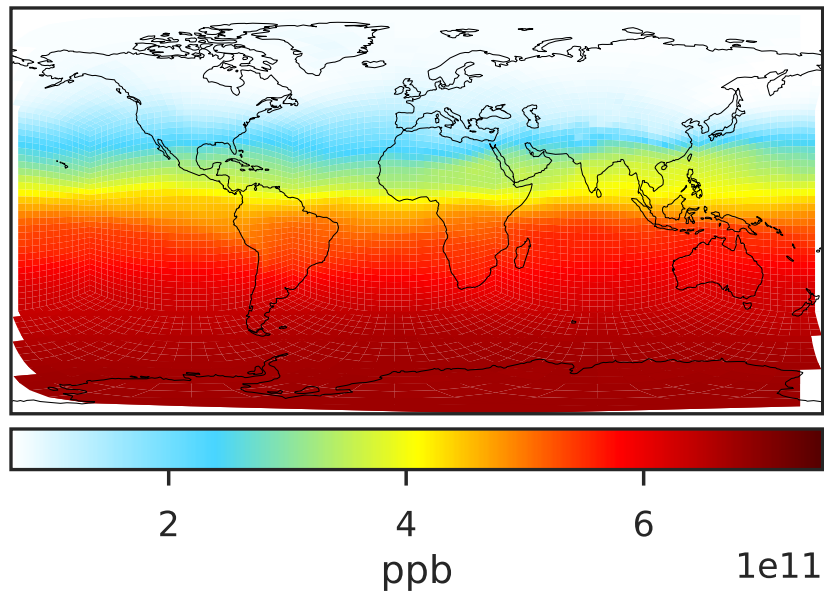


Ratio (1x1.25)
Dev/Ref, Fixed Range

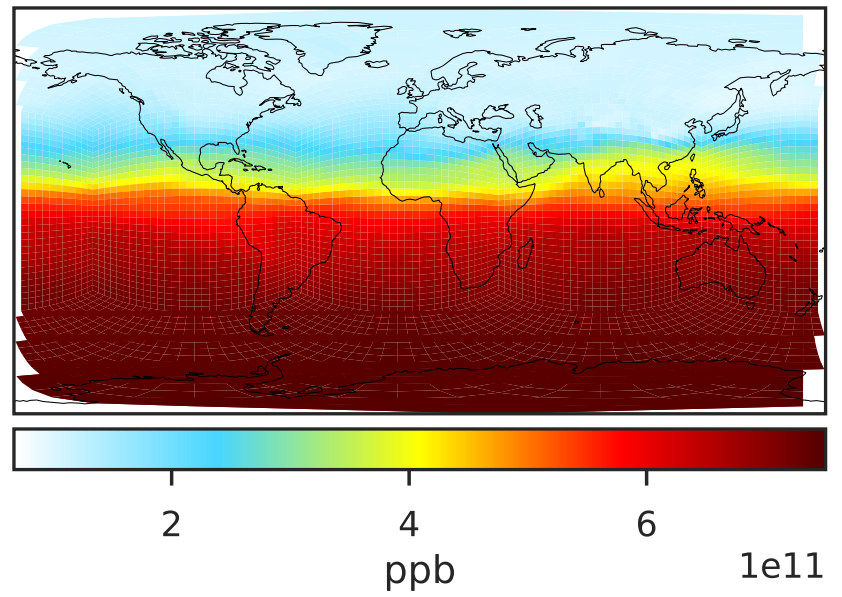


SpeciesConcVW_aoa_nh (AnnualMean)

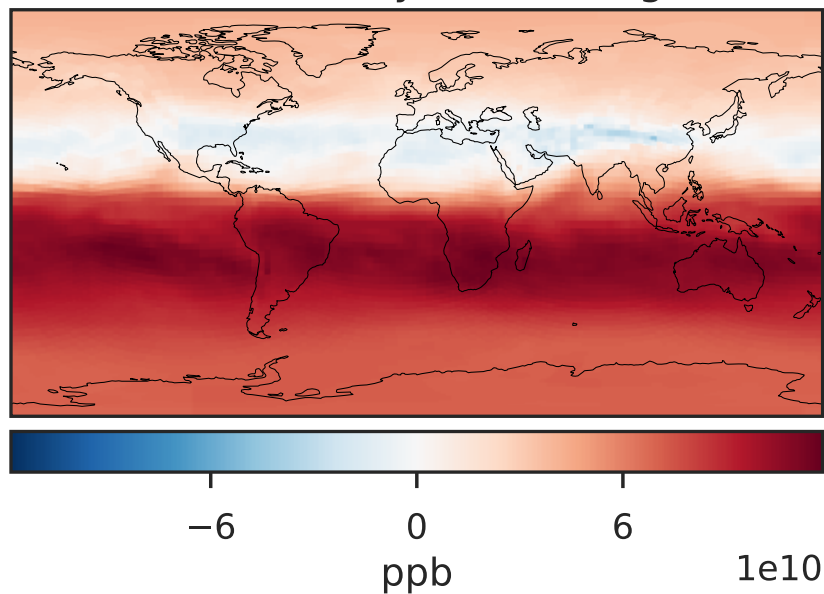
GCHP 14.2.2 using wind (Ref)
c30



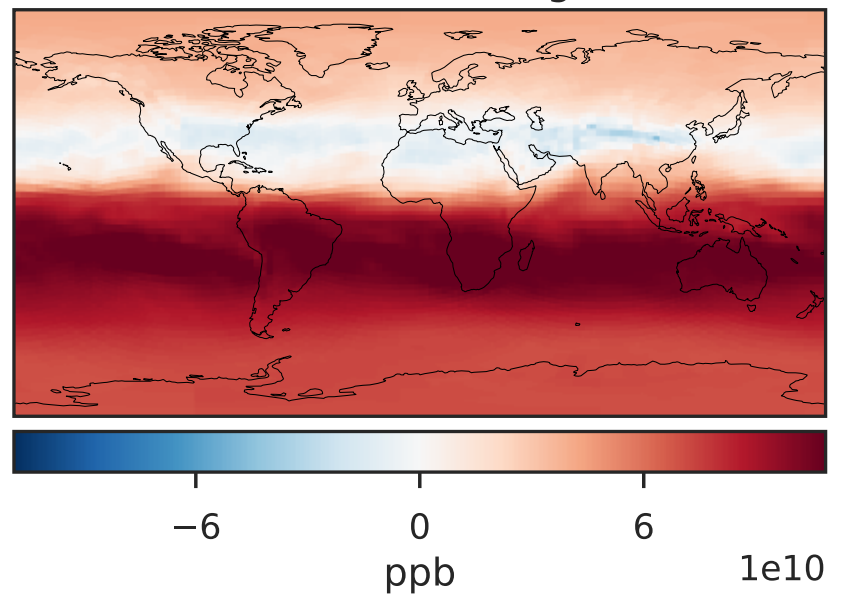
GCHP 14.2.2 using mass flux (Dev)
c30



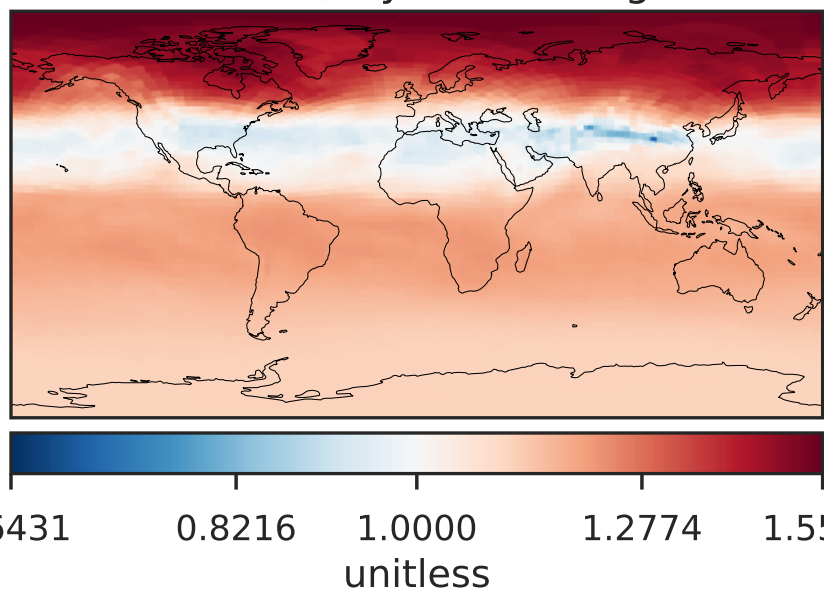
Difference (1x1.25)
Dev - Ref, Dynamic Range



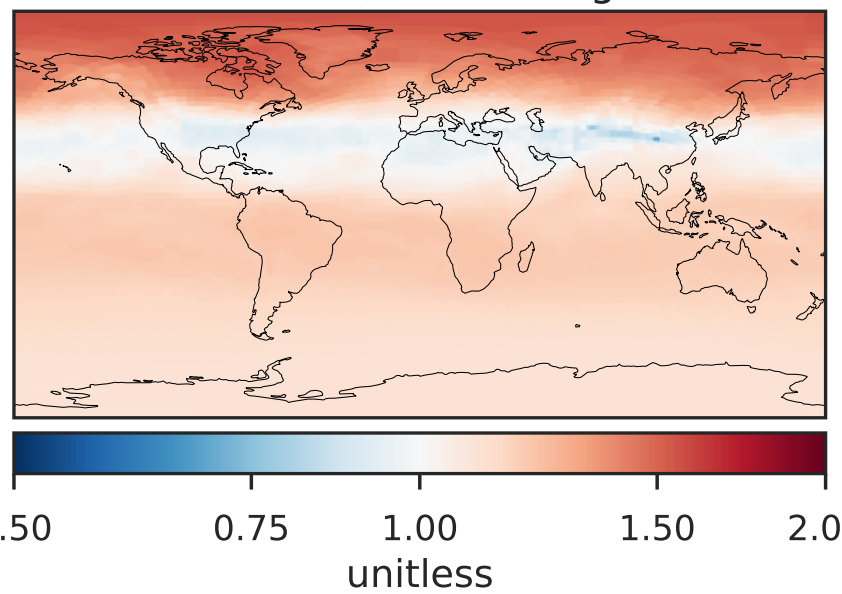
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

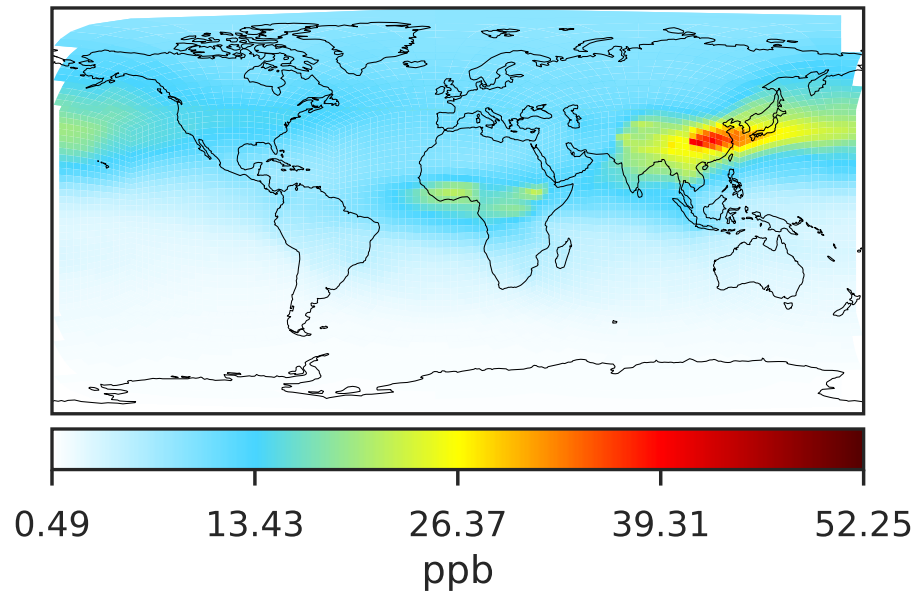


Ratio (1x1.25)
Dev/Ref, Fixed Range

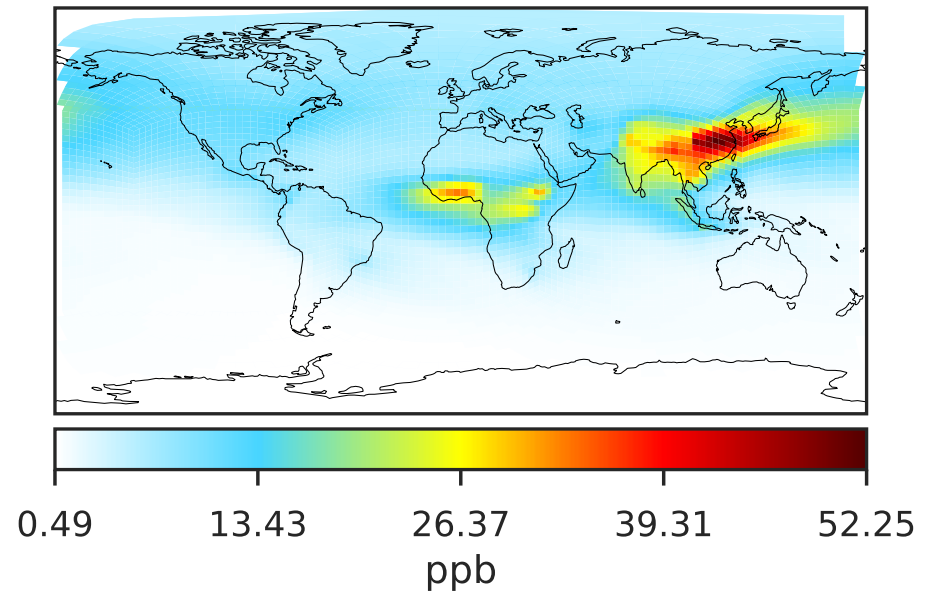


SpeciesConcVV_CO_25 (AnnualMean)

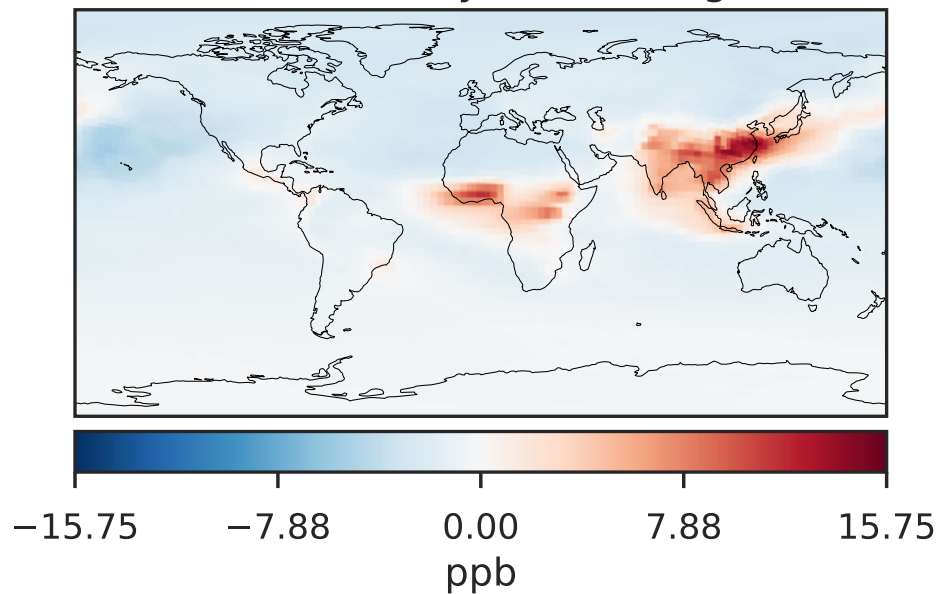
GCHP 14.2.2 using wind (Ref)
c30



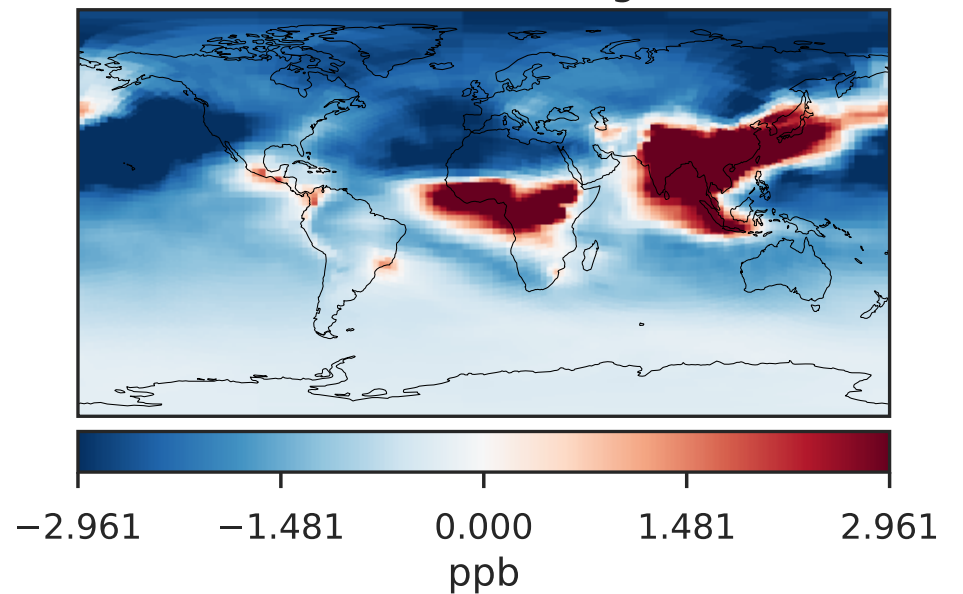
GCHP 14.2.2 using mass flux (Dev)
c30



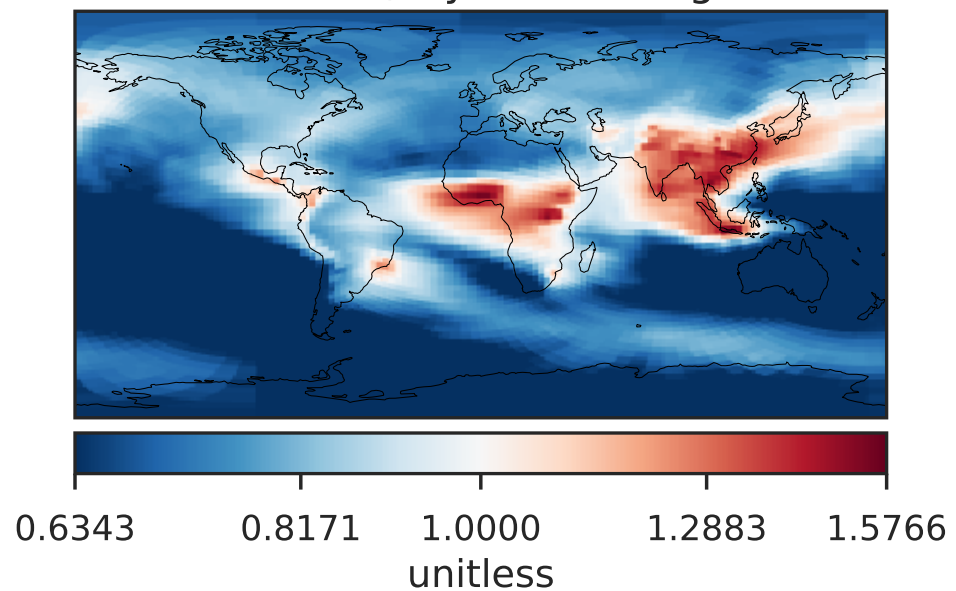
Difference (1x1.25)
Dev - Ref, Dynamic Range



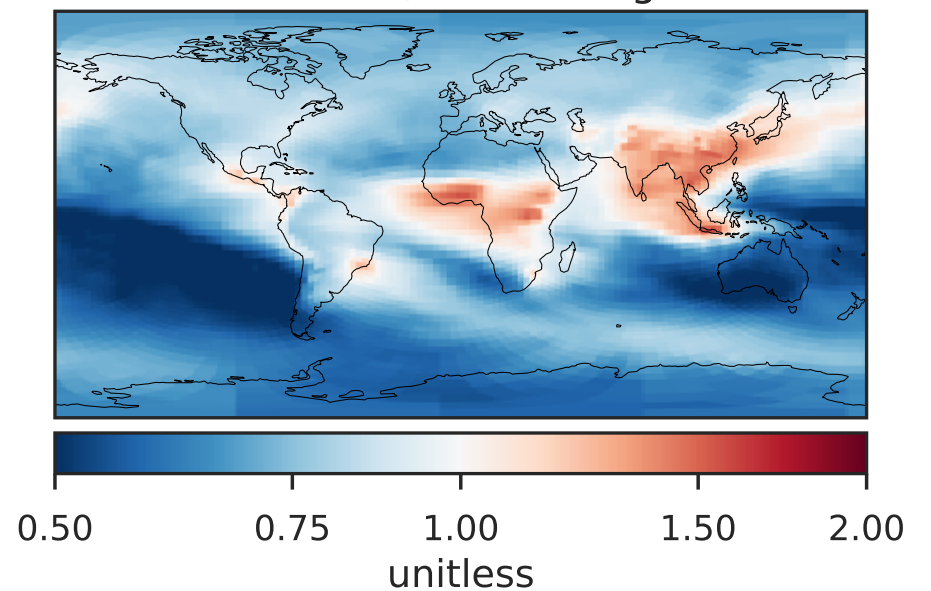
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

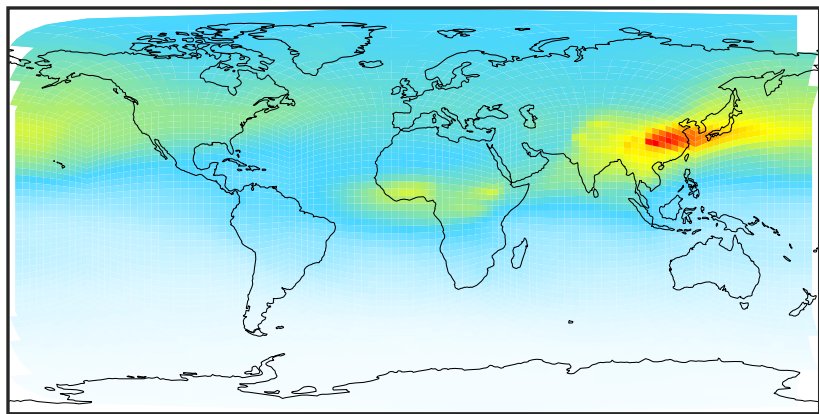


Ratio (1x1.25)
Dev/Ref, Fixed Range



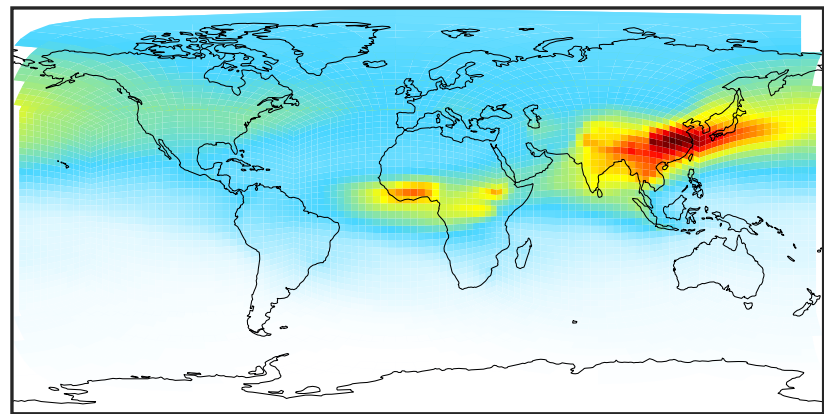
SpeciesConcVV_CO_50 (AnnualMean)

GCHP 14.2.2 using wind (Ref)
c30



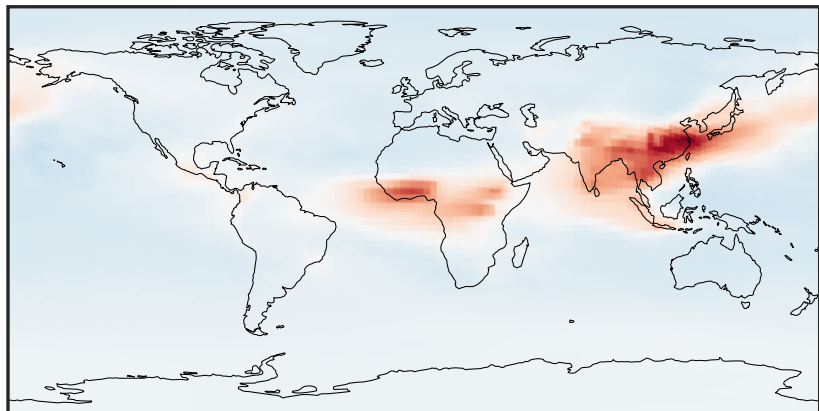
2.18 20.22 38.27 56.31 74.36
ppb

GCHP 14.2.2 using mass flux (Dev)
c30



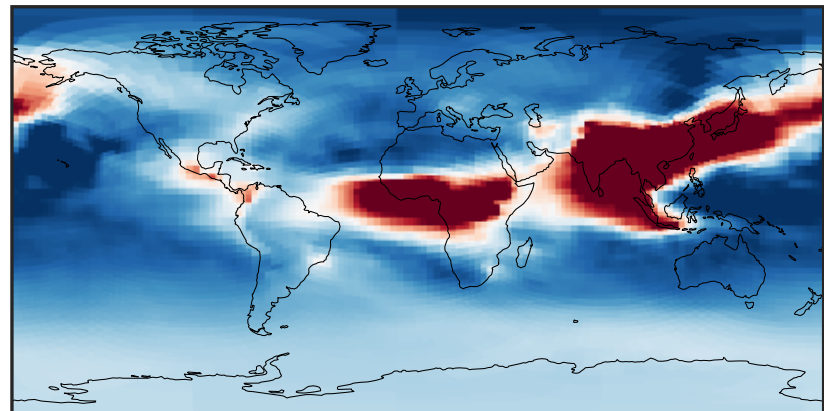
2.18 20.22 38.27 56.31 74.36
ppb

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



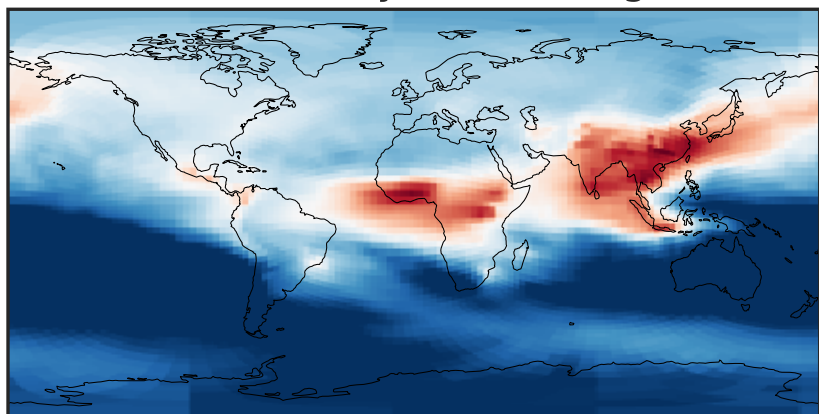
-22.23 -11.11 0.00 11.11 22.23
ppb

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



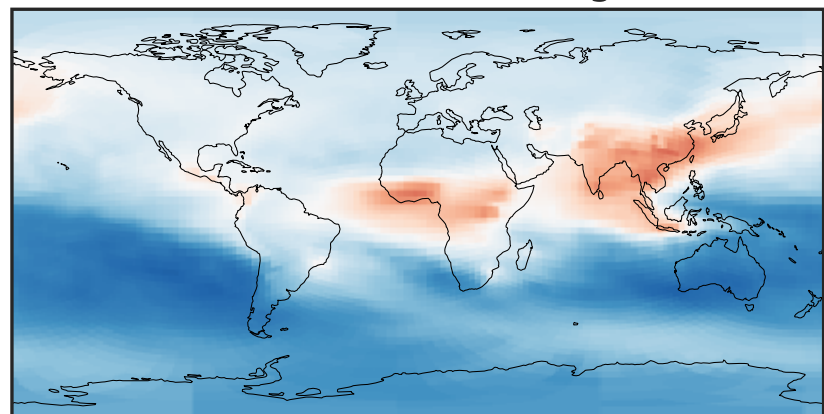
-3.790 -1.895 0.000 1.895 3.790
ppb

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



0.6735 0.8367 1.0000 1.2424 1.4849
unitless

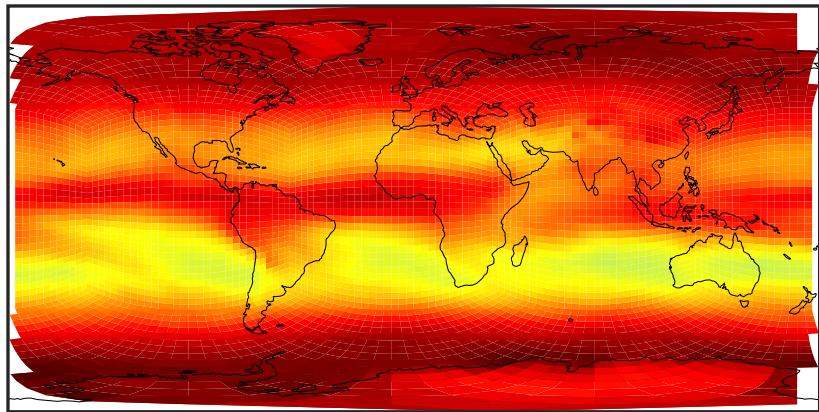
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

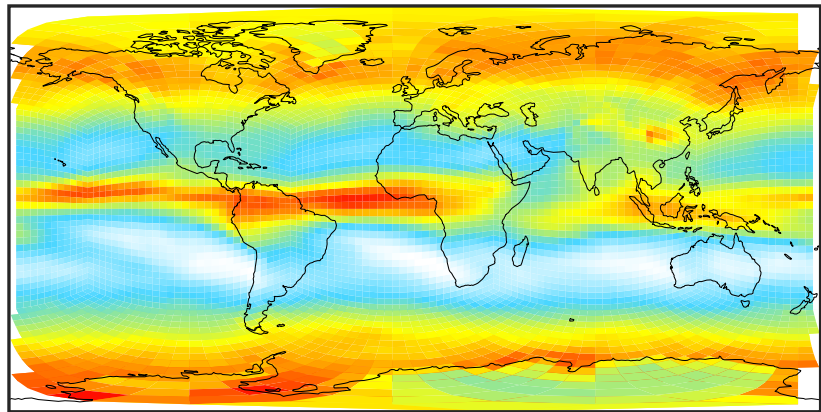
SpeciesConcVV_e90 (AnnualMean)

GCHP 14.2.2 using wind (Ref)
c30



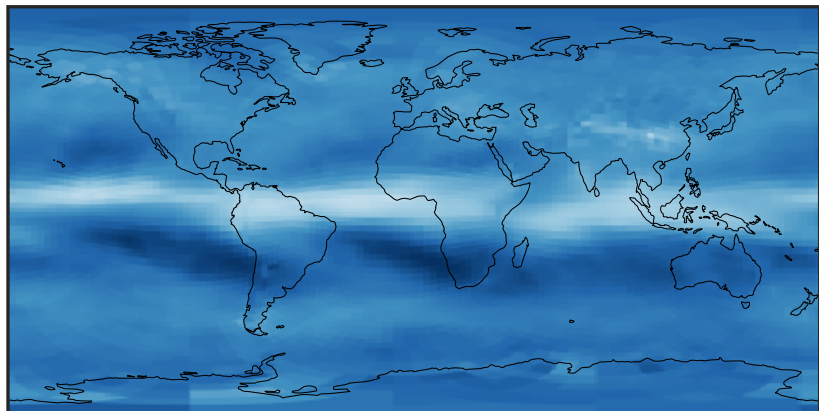
48.95 56.56 64.18 71.80 79.42
ppb

GCHP 14.2.2 using mass flux (Dev)
c30



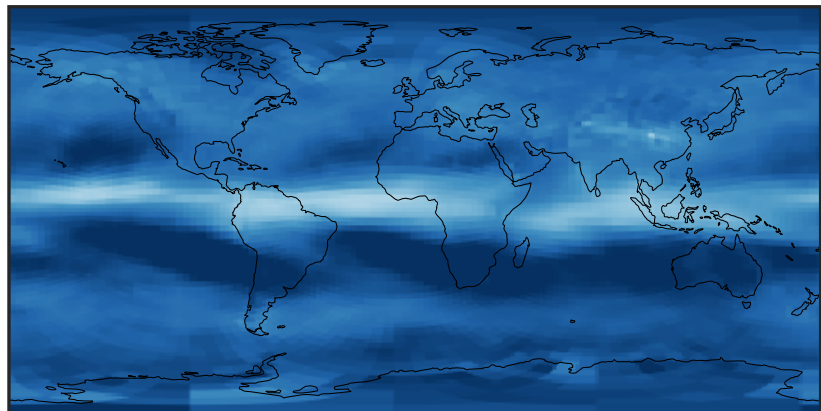
48.95 56.56 64.18 71.80 79.42
ppb

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



-14.38 -7.19 0.00 7.19 14.38
ppb

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



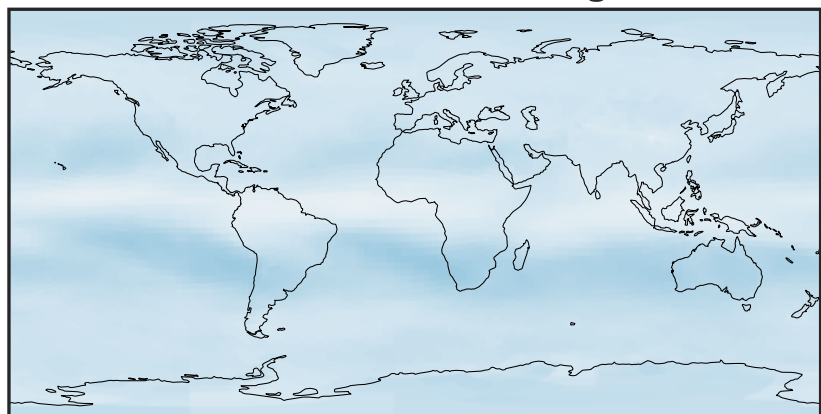
-12.12 -6.06 0.00 6.06 12.12
ppb

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



0.95141 0.97571 1.00000 1.02553 1.05107
unitless

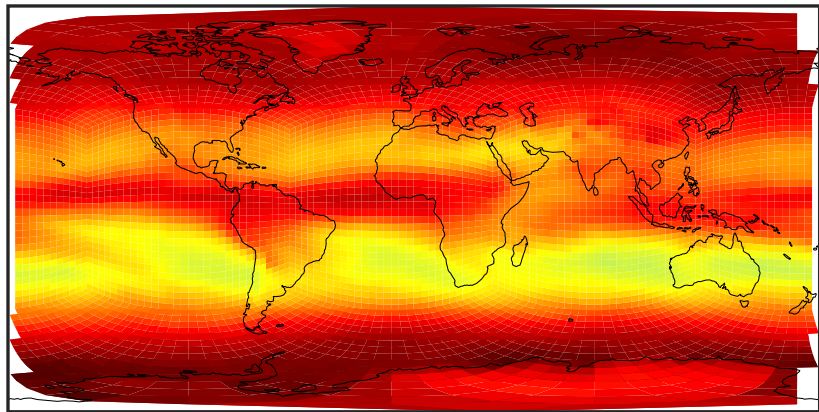
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

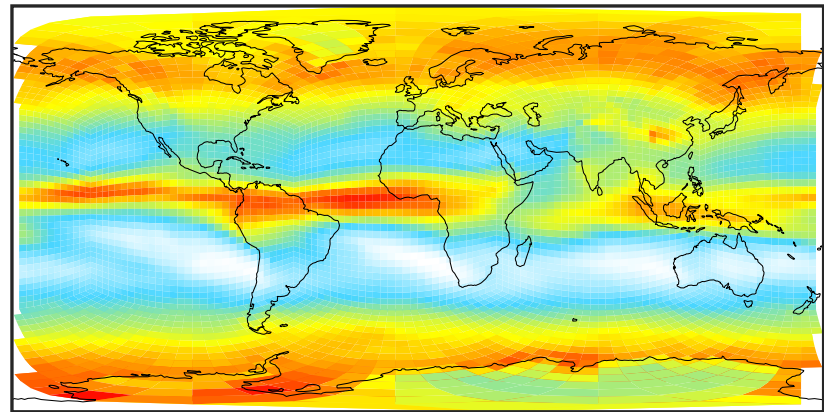
SpeciesConcVV_e90_n (AnnualMean)

GCHP 14.2.2 using wind (Ref)
c30



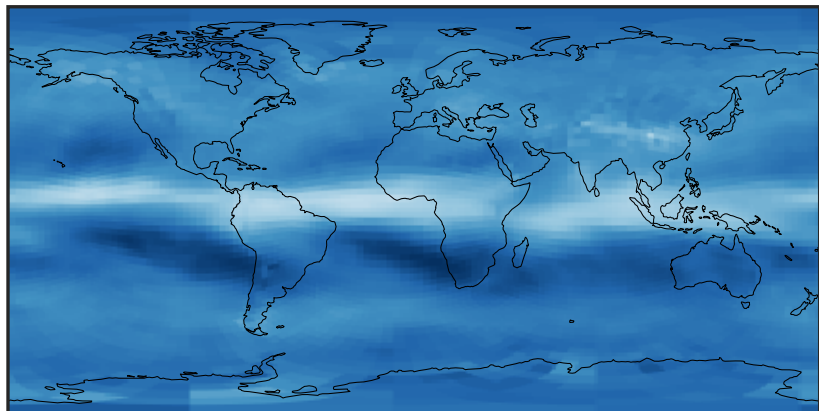
48.95 56.56 64.18 71.80 79.42
ppb

GCHP 14.2.2 using mass flux (Dev)
c30



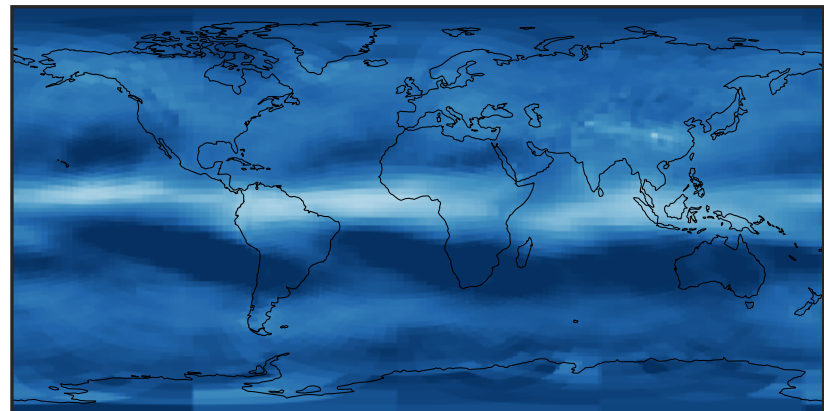
48.95 56.56 64.18 71.80 79.42
ppb

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



-14.38 -7.19 0.00 7.19 14.38
ppb

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



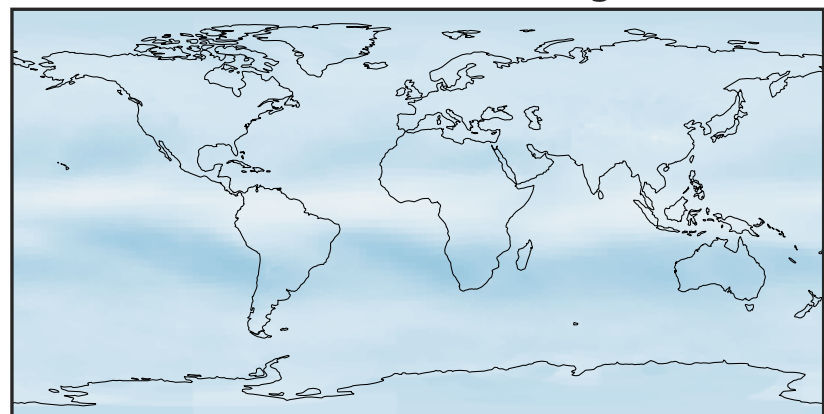
-12.12 -6.06 0.00 6.06 12.12
ppb

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



0.95141 0.97571 1.00000 1.02553 1.05107
unitless

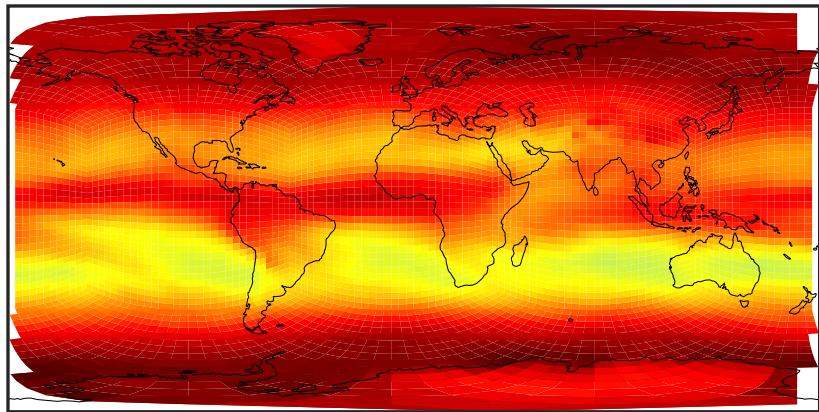
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

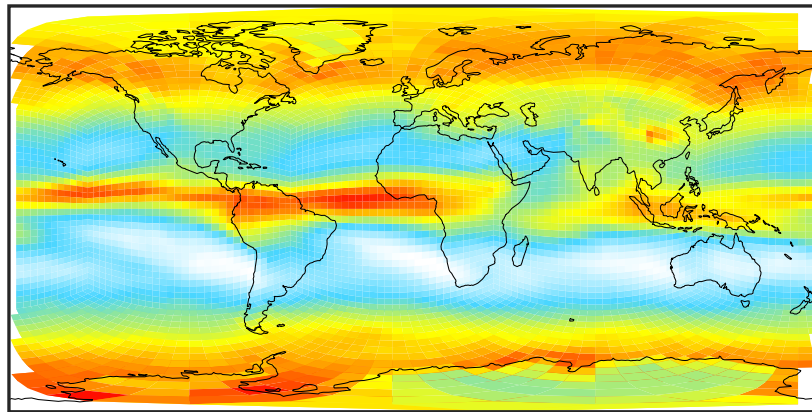
SpeciesConcVV_e90_s (AnnualMean)

GCHP 14.2.2 using wind (Ref)
c30



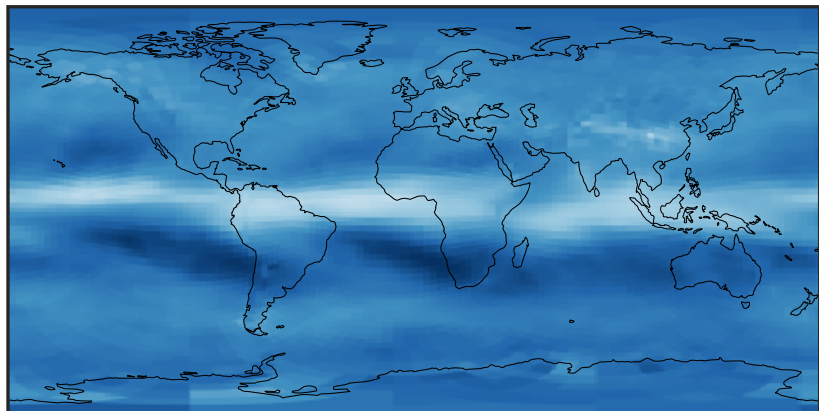
48.95 56.56 64.18 71.80 79.42
ppb

GCHP 14.2.2 using mass flux (Dev)
c30



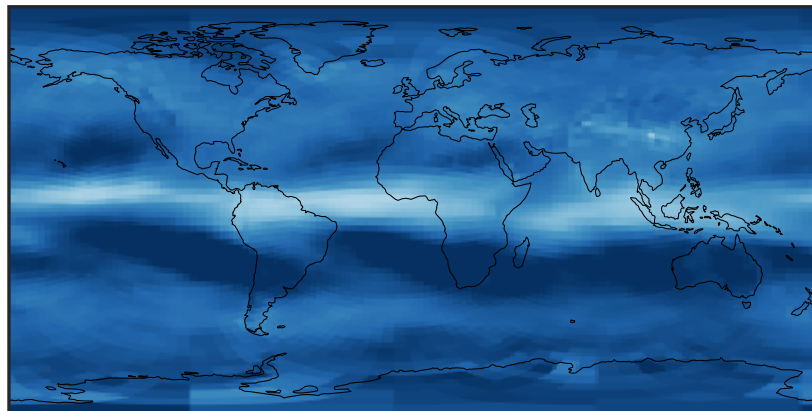
48.95 56.56 64.18 71.80 79.42
ppb

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



-14.38 -7.19 0.00 7.19 14.38
ppb

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



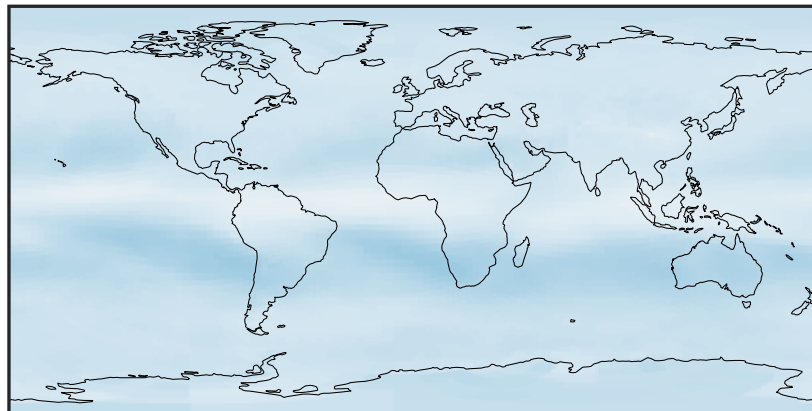
-12.12 -6.06 0.00 6.06 12.12
ppb

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



0.95141 0.97571 1.00000 1.02553 1.05107
unitless

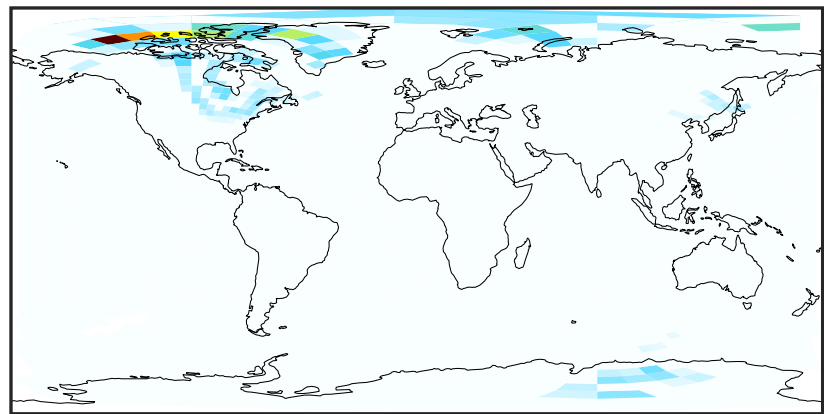
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

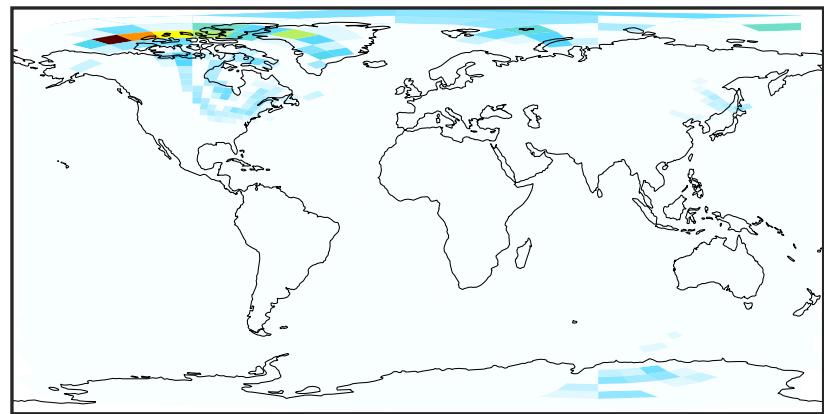
SpeciesConcVV_st80_25 (AnnualMean)

GCHP 14.2.2 using wind (Ref)
c30



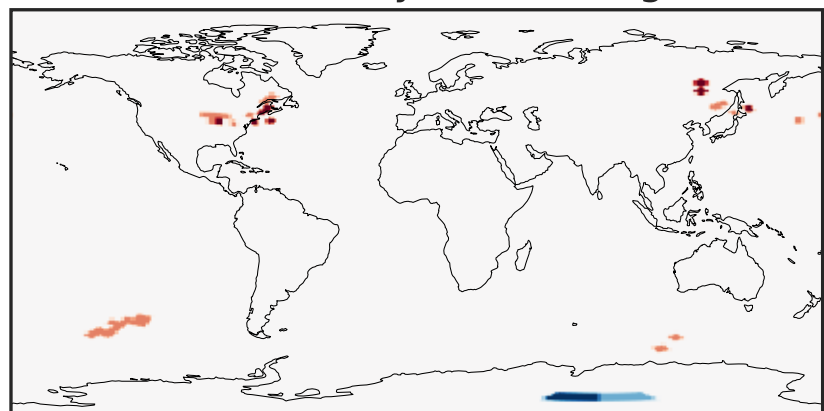
0.0060 0.0064 0.0068 0.0072
ppb +1.9988e2

GCHP 14.2.2 using mass flux (Dev)
c30



0.0060 0.0064 0.0068 0.0072
ppb +1.9988e2

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



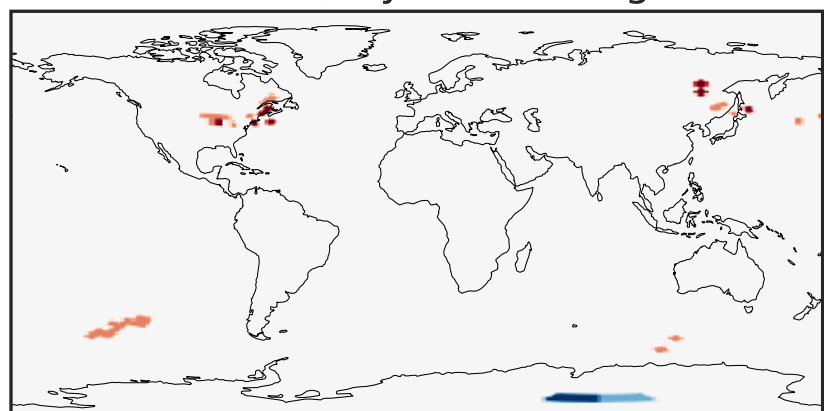
-2 0 2
ppb 1e-5

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



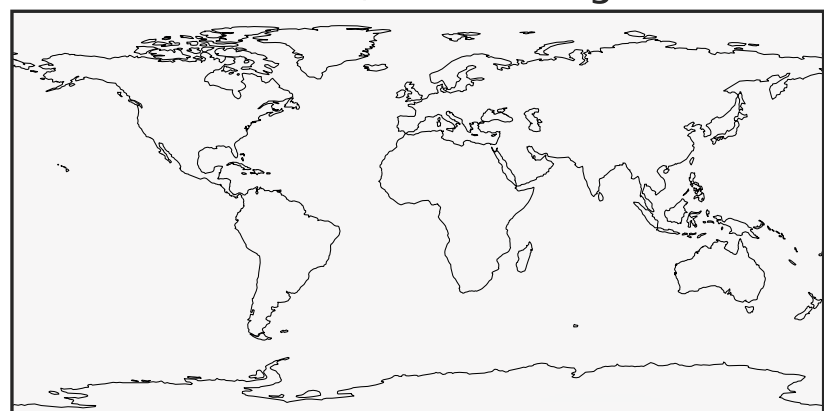
-1.0 -0.5 0.0 0.5 1.0
ppb

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



0.9999998473 1.000000000 1.0000015270.50
unitless

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



0.75 1.00 1.50 2.00
unitless