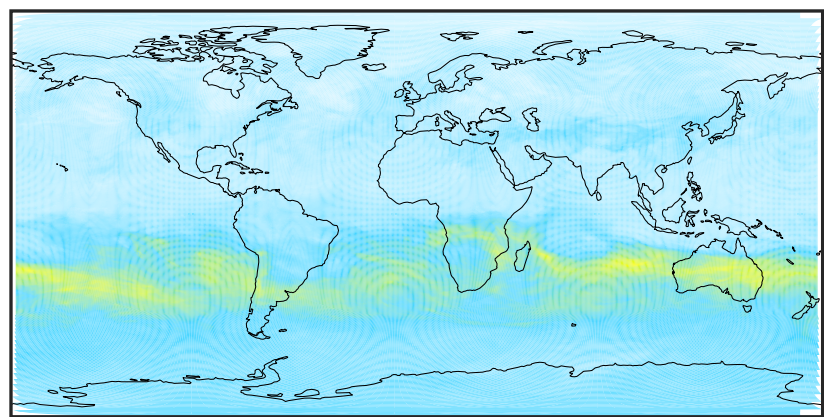


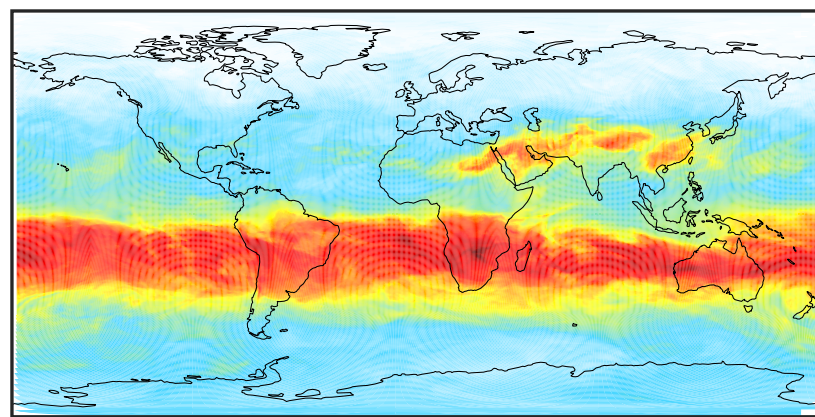
SpeciesConcVV_PassiveTracer (AnnualMean)

GCHP 14.2.2 using wind (Ref)
c180



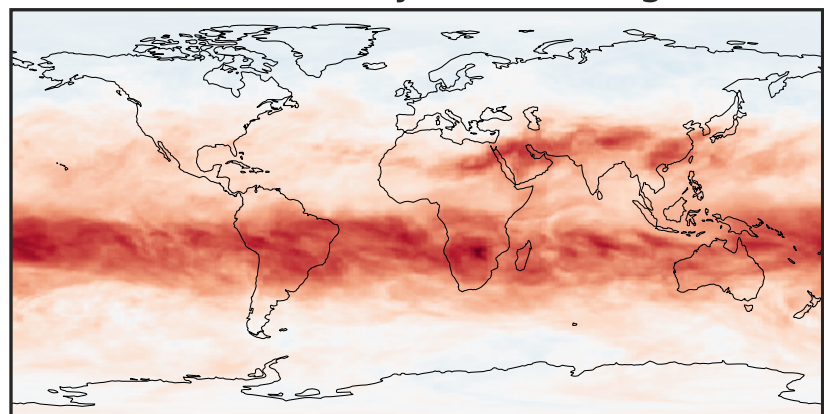
0.0035 0.0040 0.0045 0.0050
ppb +9.998e1

GCHP 14.2.2 using mass flux (Dev)
c180



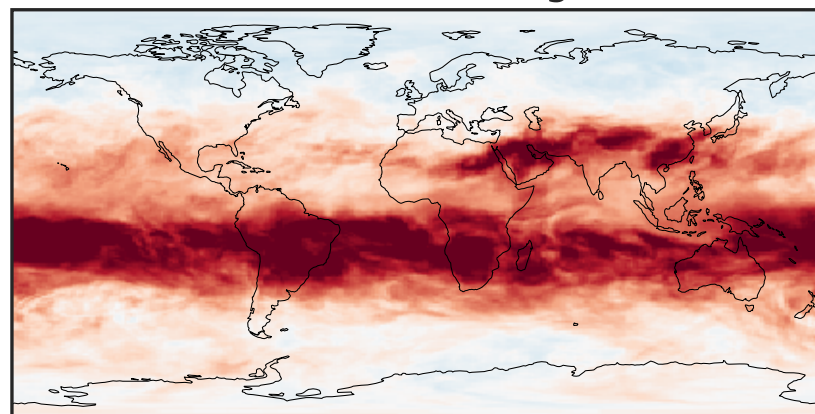
0.0035 0.0040 0.0045 0.0050
ppb +9.998e1

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



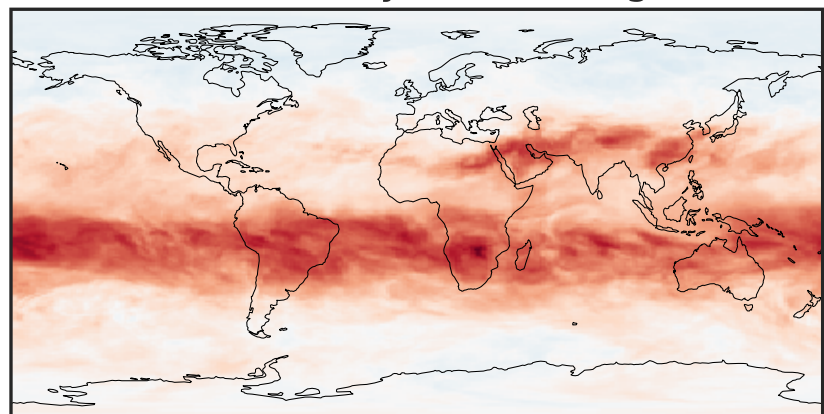
-0.0008 0.0000 0.0008
ppb

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



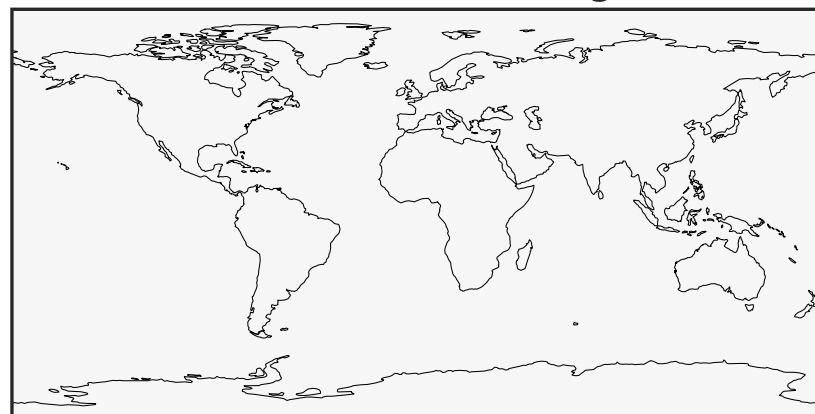
-0.0005 0.0000 0.0005
ppb

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



0.99998533 1.00000000 1.00001467
unitless

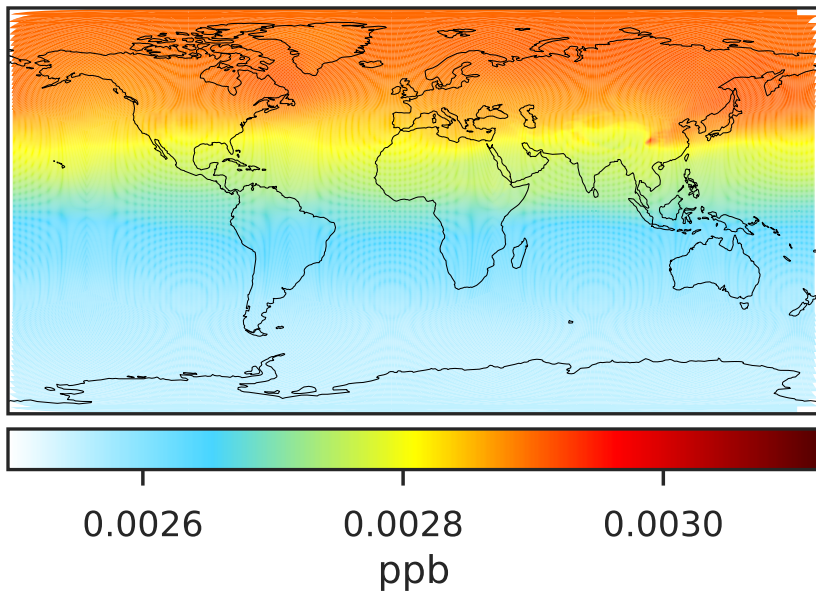
Ratio (1x1.25)
Dev/Ref, Fixed Range



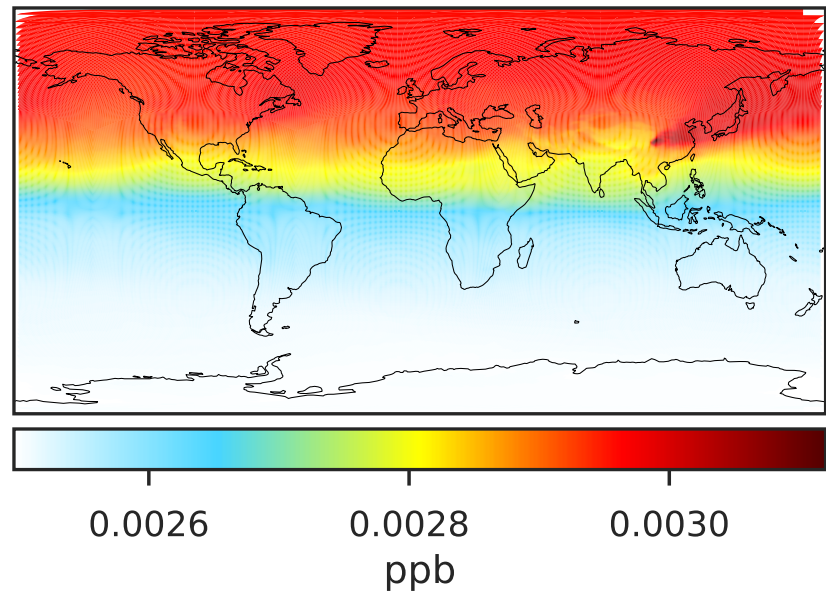
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_SF6 (AnnualMean)

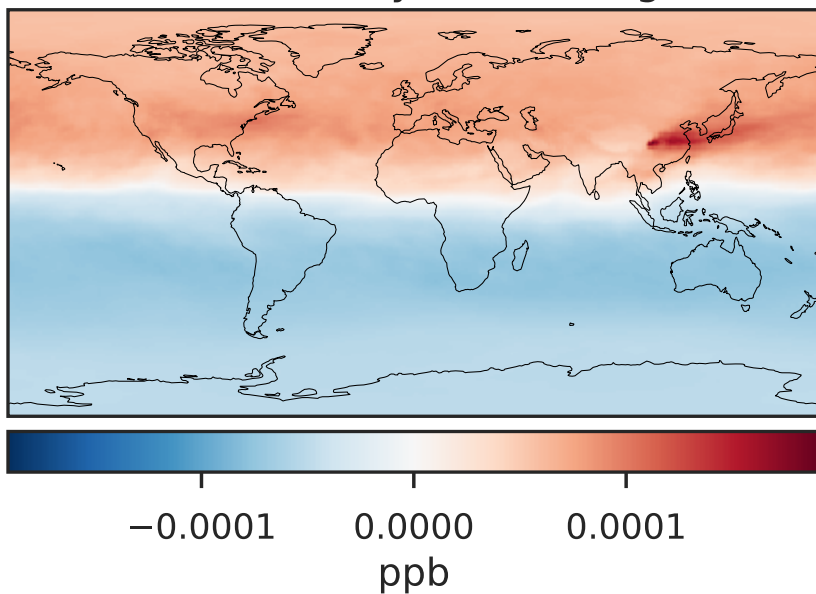
GCHP 14.2.2 using wind (Ref)
c180



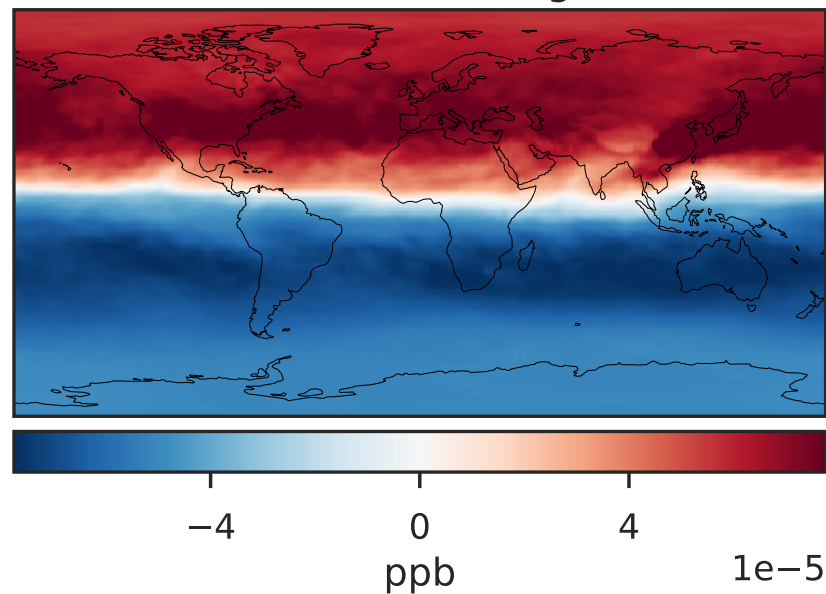
GCHP 14.2.2 using mass flux (Dev)
c180



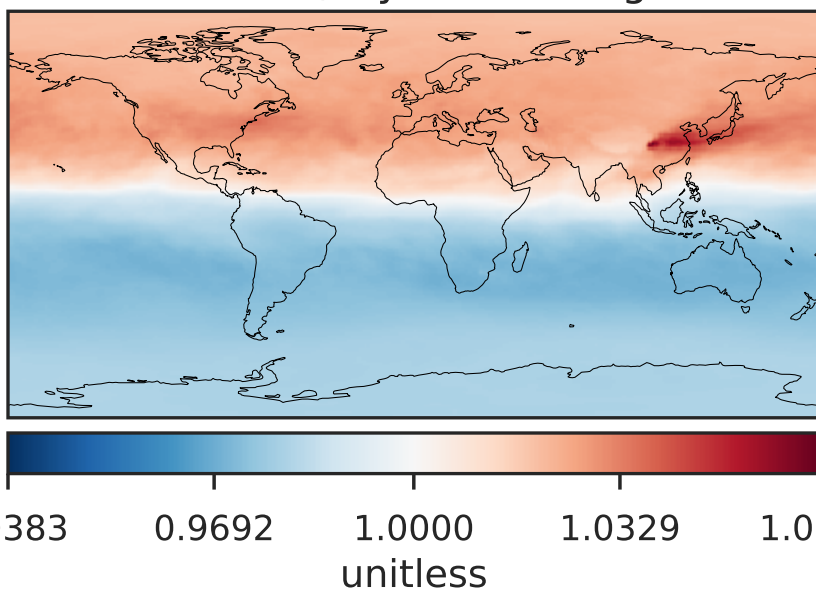
Difference (1x1.25)
Dev - Ref, Dynamic Range



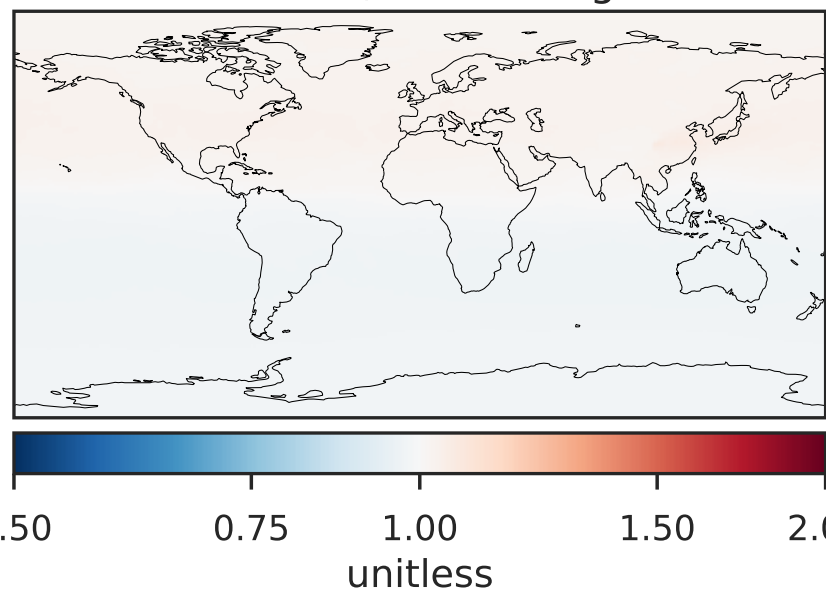
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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



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

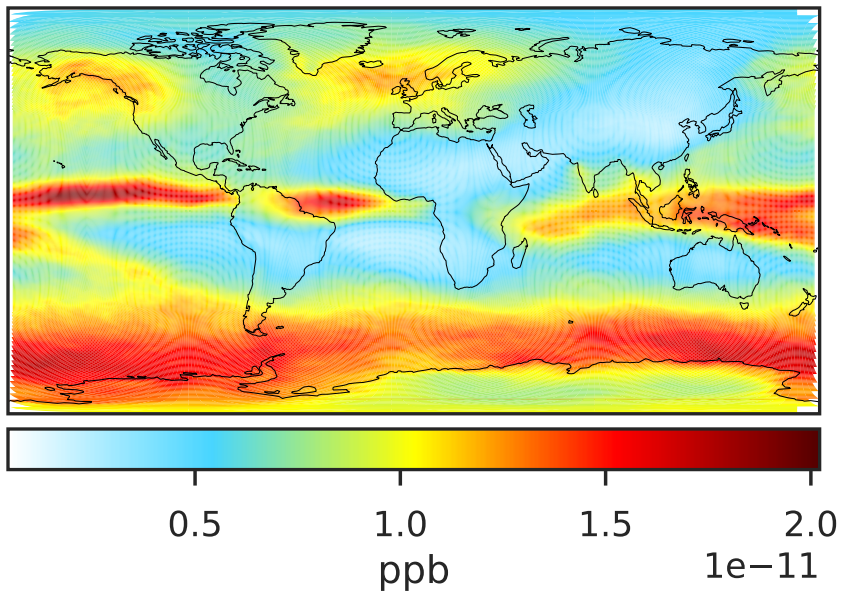


0.9383 0.9692 1.0000 1.0329 1.0657
unitless

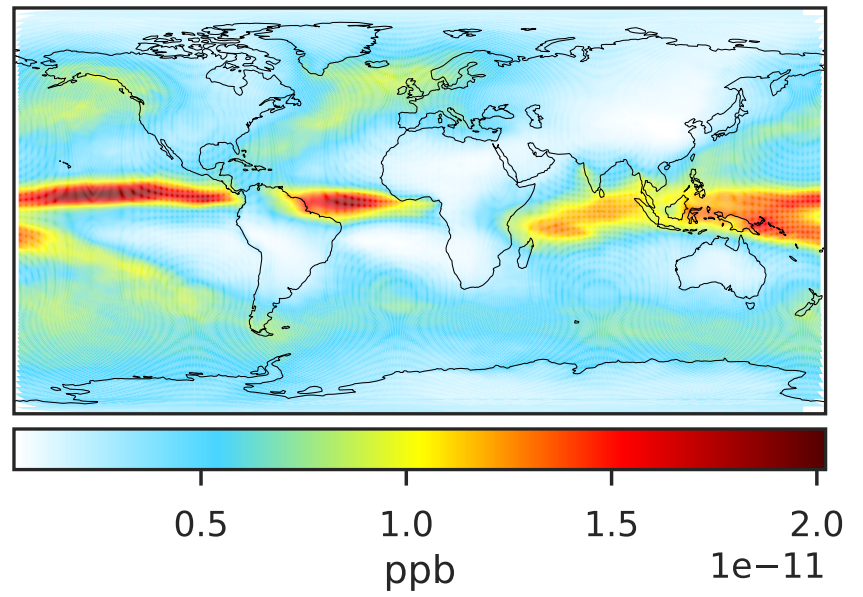
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_CH3I (AnnualMean)

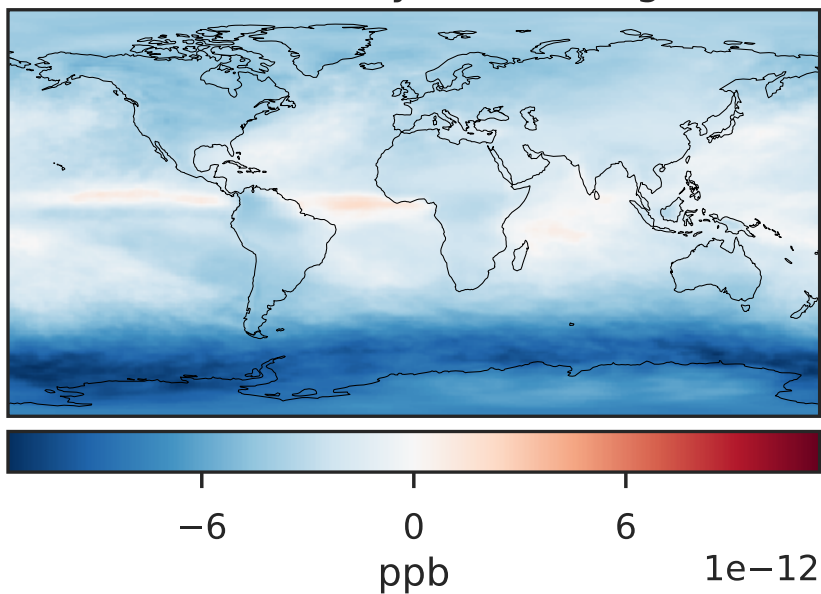
GCHP 14.2.2 using wind (Ref)
c180



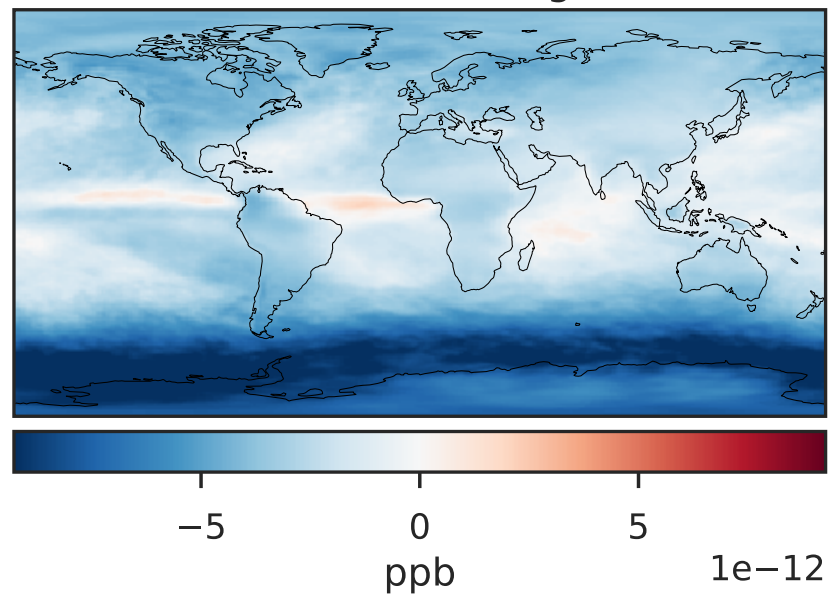
GCHP 14.2.2 using mass flux (Dev)
c180



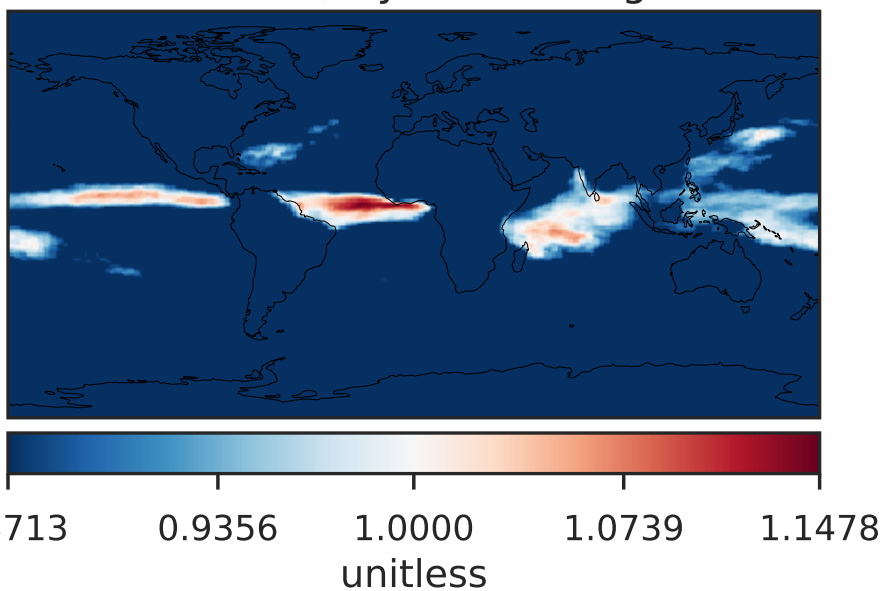
Difference (1x1.25)
Dev - Ref, Dynamic Range



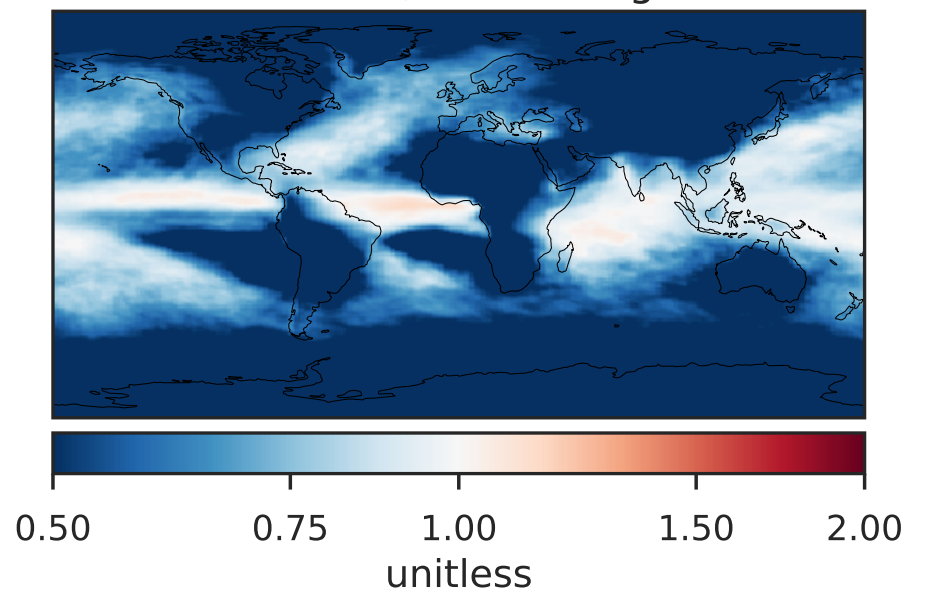
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

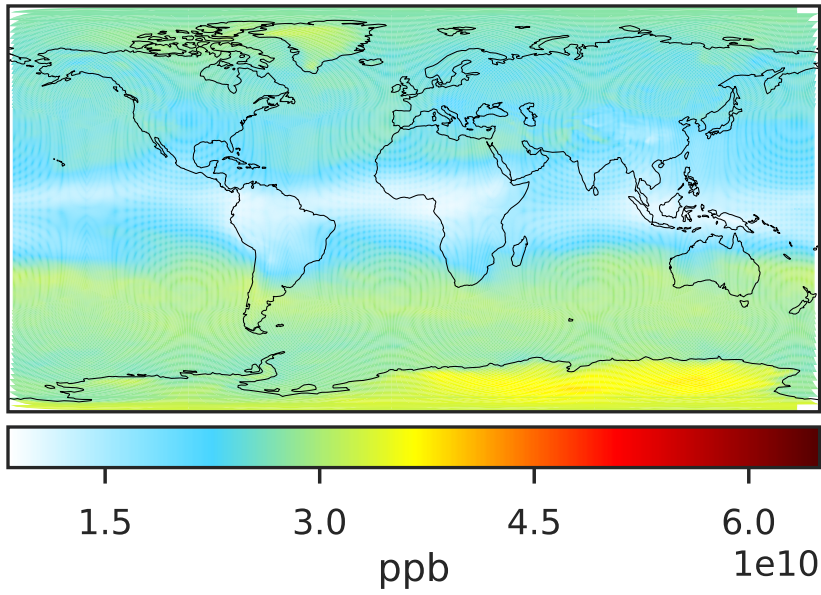


Ratio (1x1.25)
Dev/Ref, Fixed Range

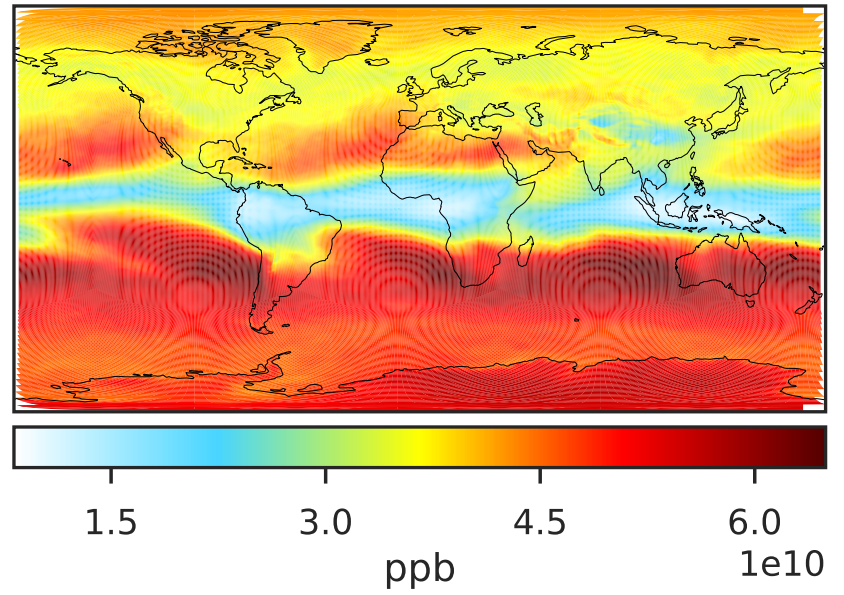


SpeciesConcVV_aoa (AnnualMean)

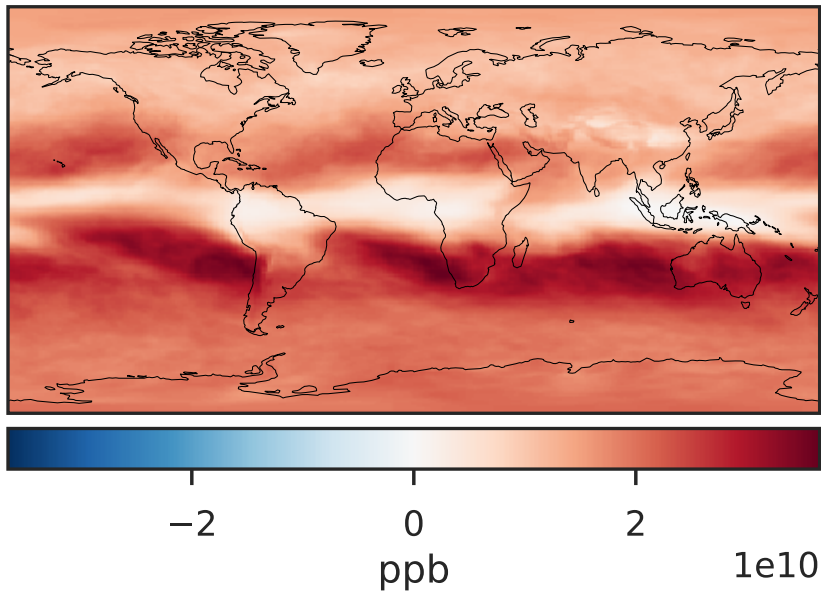
GCHP 14.2.2 using wind (Ref)
c180



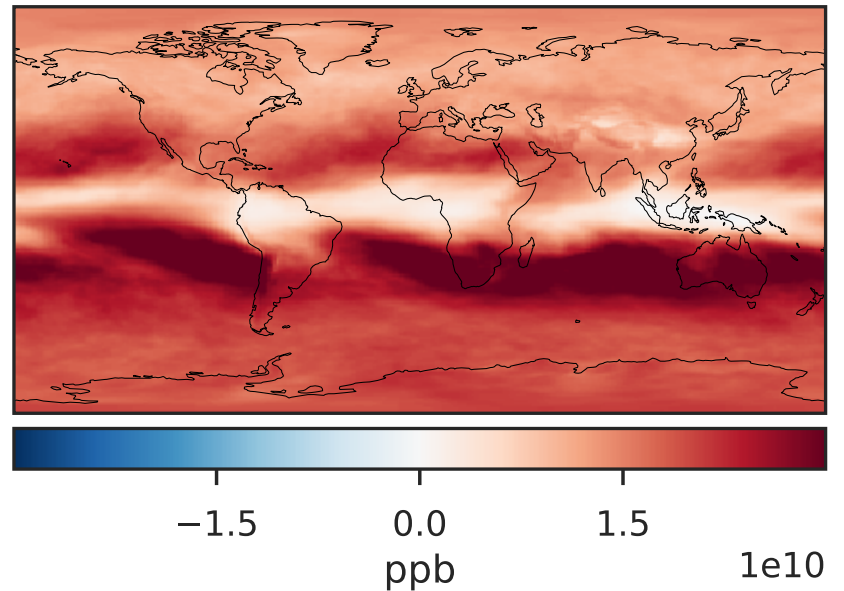
GCHP 14.2.2 using mass flux (Dev)
c180



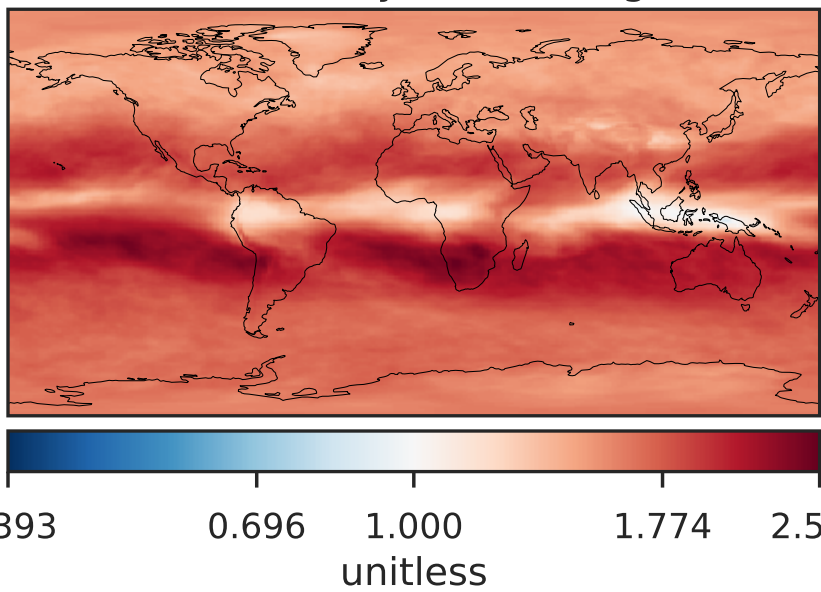
Difference (1x1.25)
Dev - Ref, Dynamic Range



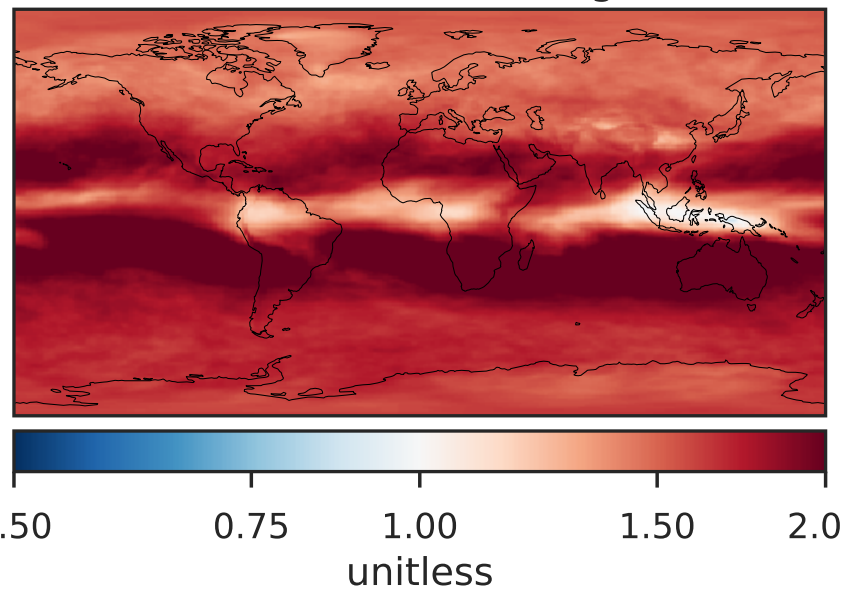
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

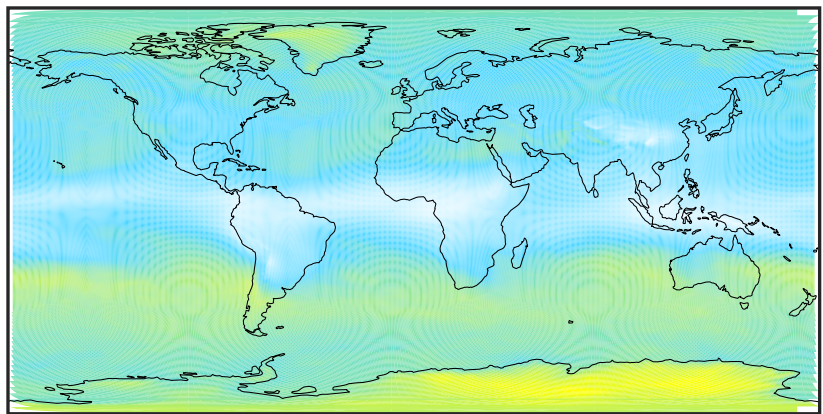


Ratio (1x1.25)
Dev/Ref, Fixed Range



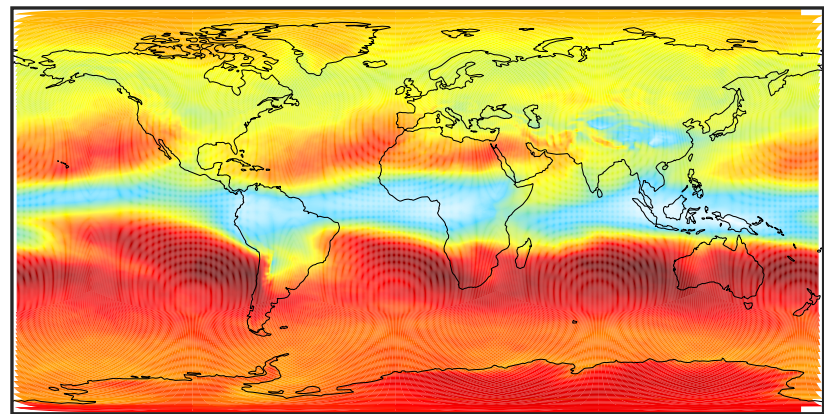
SpeciesConcVV_aoa_bl (AnnualMean)

GCHP 14.2.2 using wind (Ref)
c180



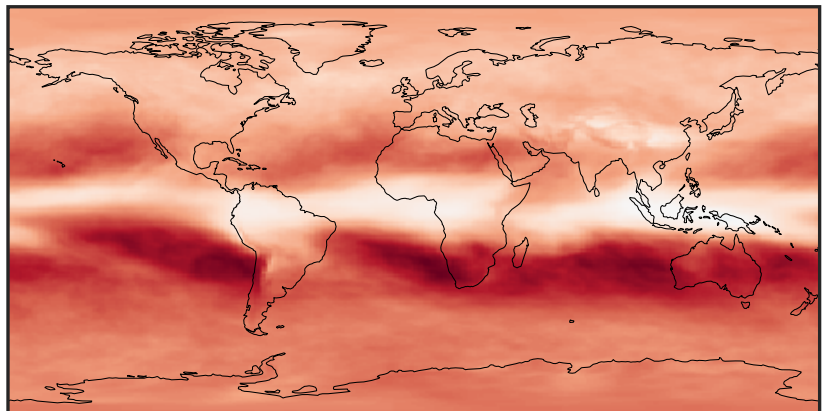
1.5 3.0 4.5 6.0
ppb 1e10

GCHP 14.2.2 using mass flux (Dev)
c180



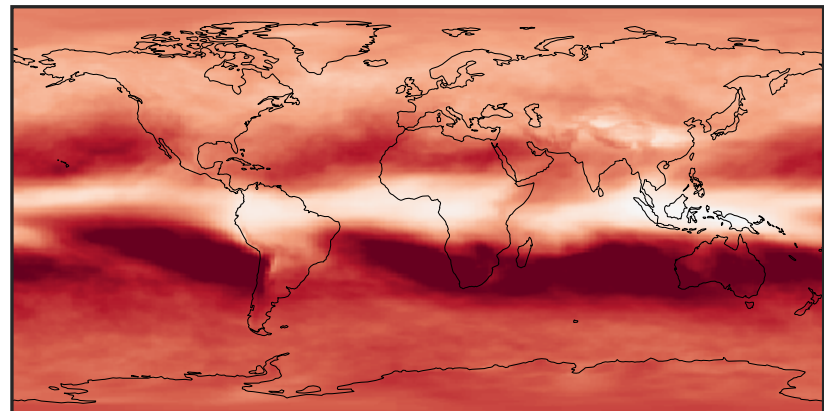
1.5 3.0 4.5 6.0
ppb 1e10

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



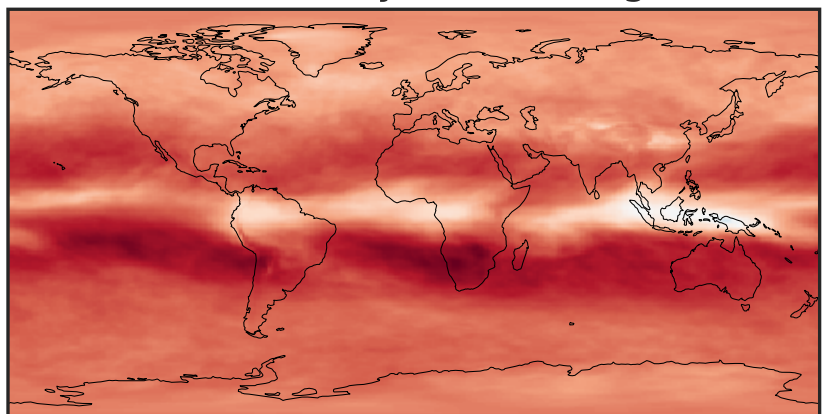
-2 0 2
ppb 1e10

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



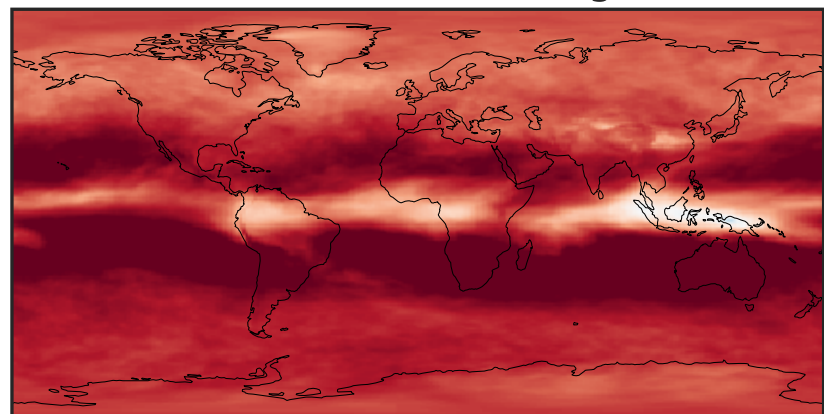
-1.5 0.0 1.5
ppb 1e10

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



0.382 0.691 1.000 1.808 2.616
unitless

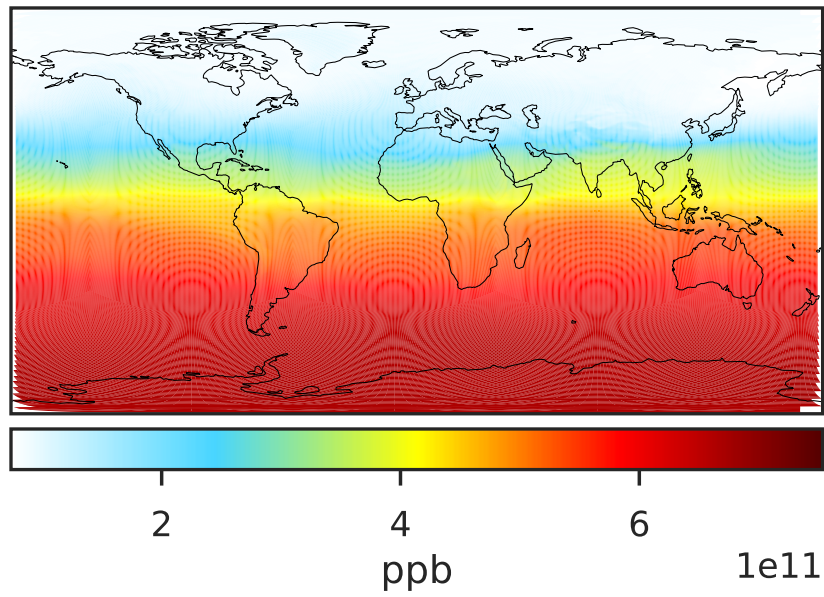
Ratio (1x1.25)
Dev/Ref, Fixed Range



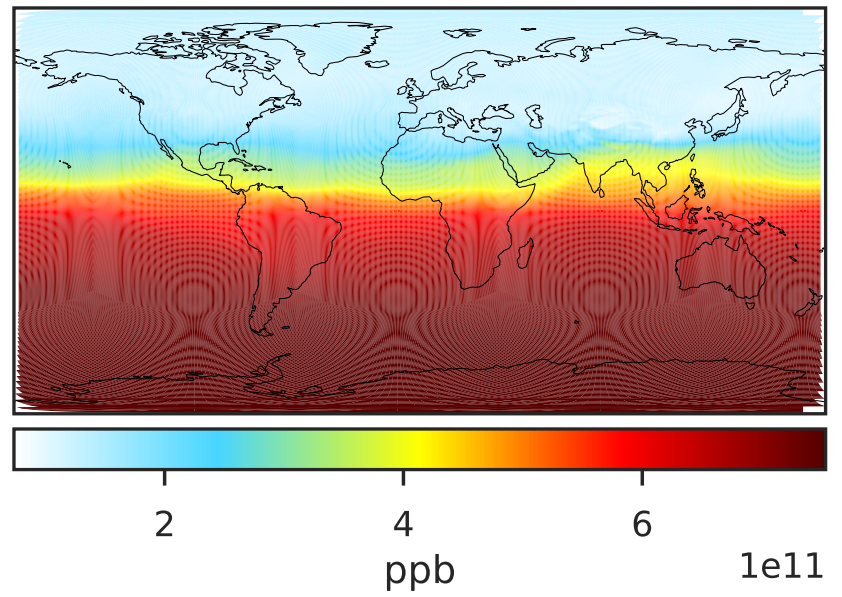
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVW_aoa_nh (AnnualMean)

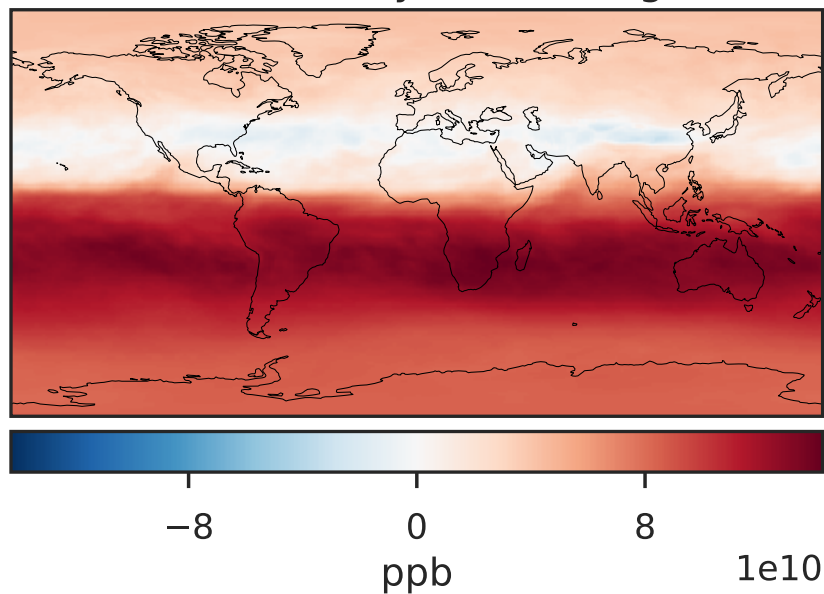
GCHP 14.2.2 using wind (Ref)
c180



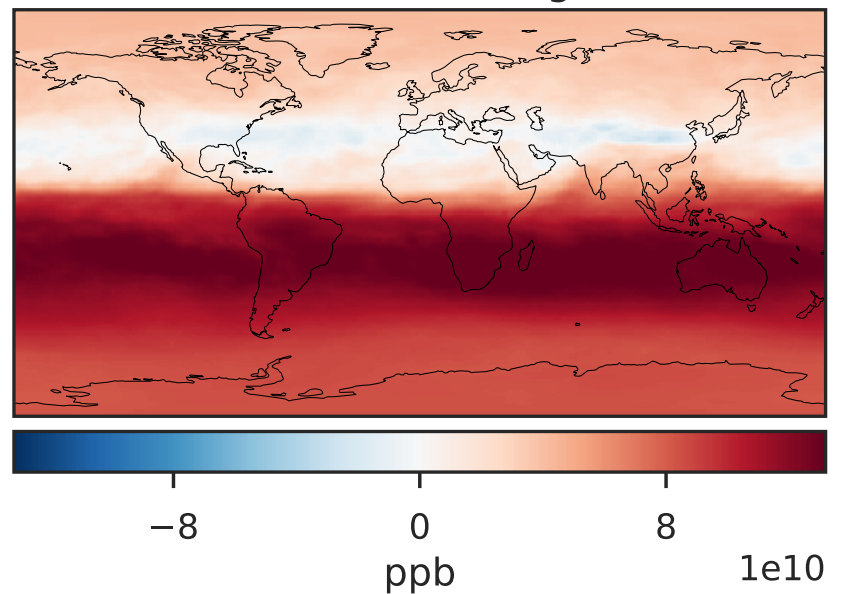
GCHP 14.2.2 using mass flux (Dev)
c180



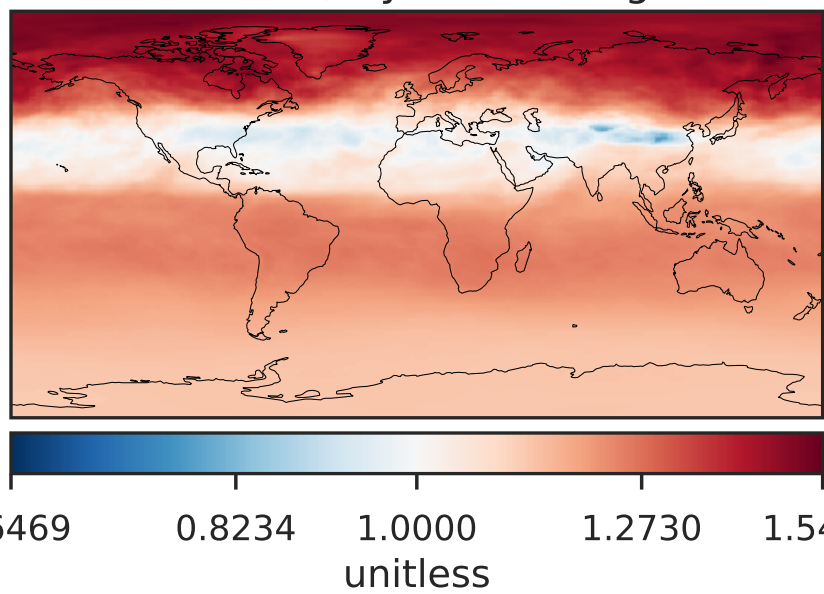
Difference (1x1.25)
Dev - Ref, Dynamic Range



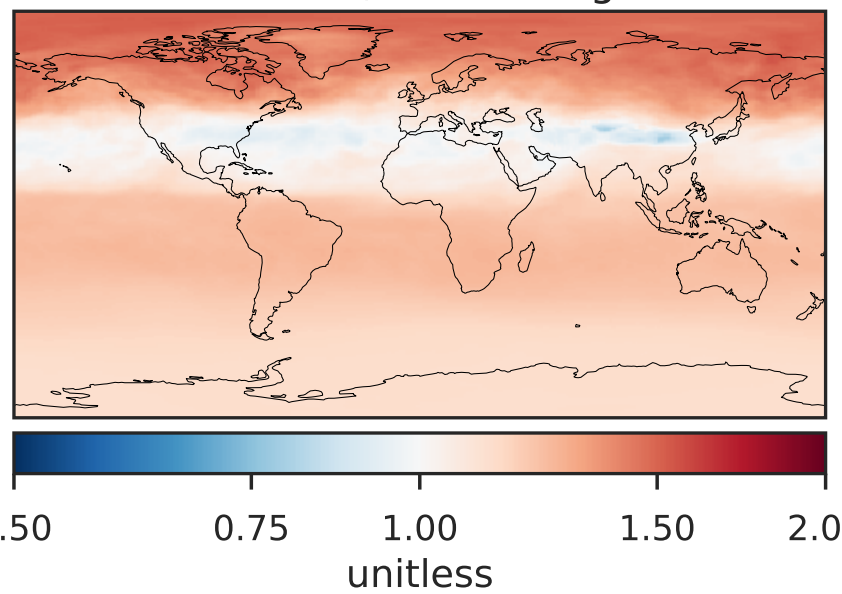
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

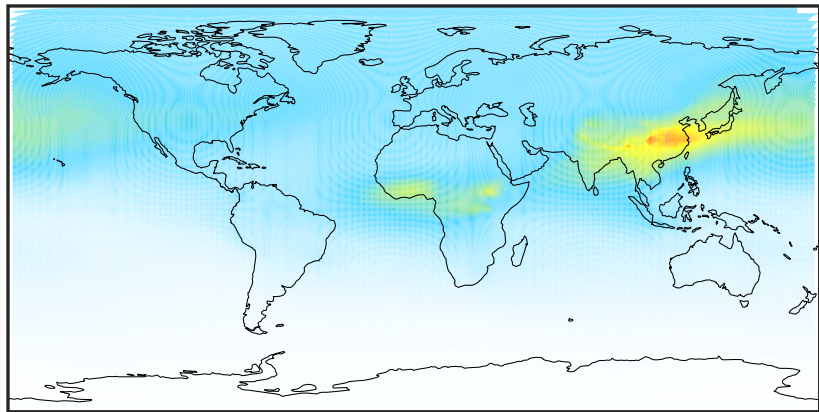


Ratio (1x1.25)
Dev/Ref, Fixed Range



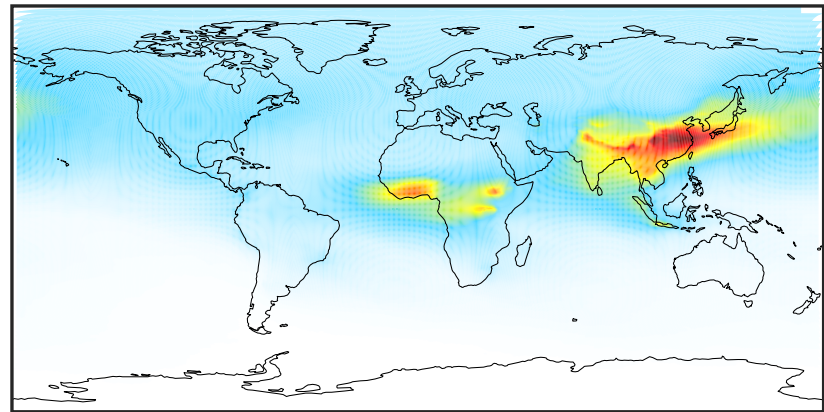
SpeciesConcVV_CO_25 (AnnualMean)

GCHP 14.2.2 using wind (Ref)
c180



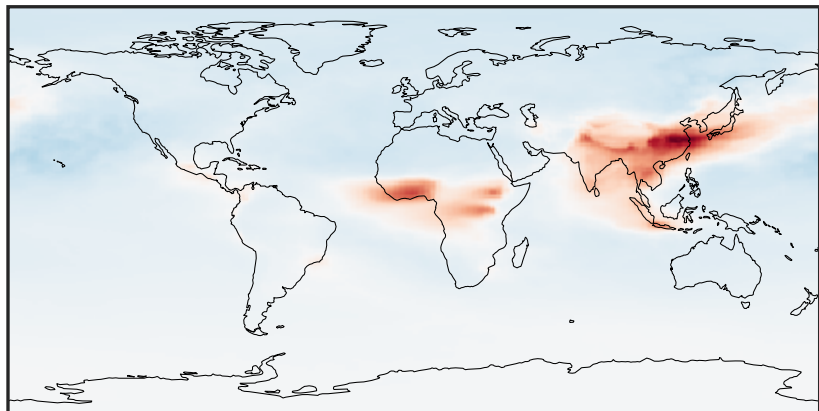
0.46 13.36 26.25 39.15 52.04
ppb

GCHP 14.2.2 using mass flux (Dev)
c180



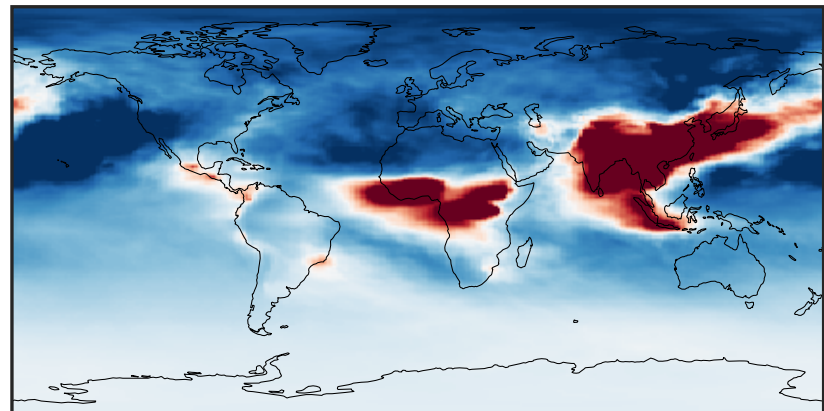
0.46 13.36 26.25 39.15 52.04
ppb

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



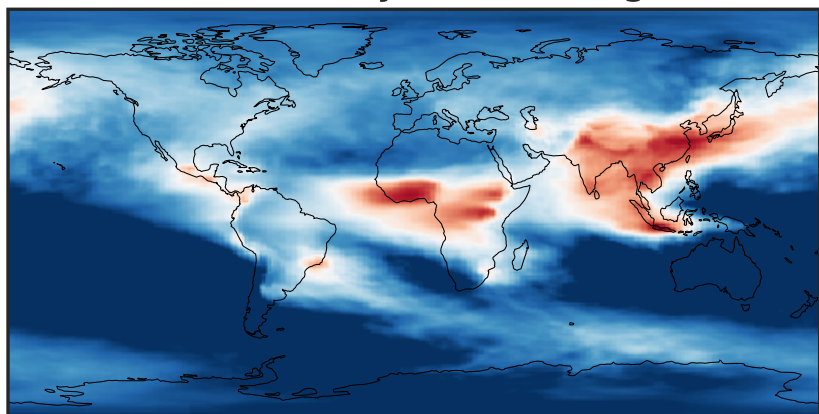
-19.10 -9.55 0.00 9.55 19.10
ppb

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



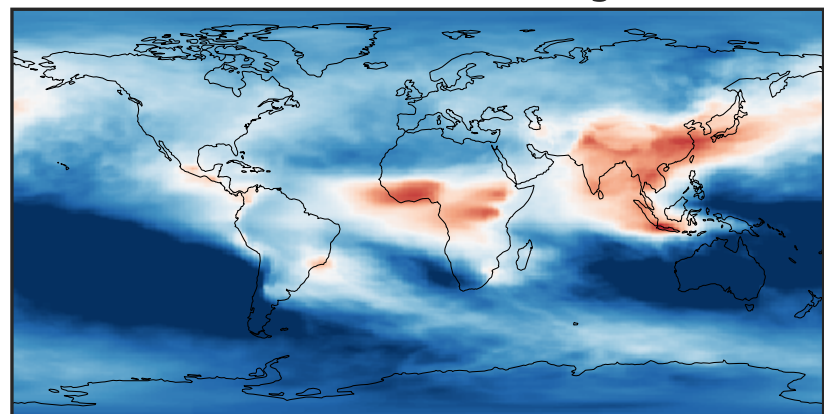
-3.539 -1.769 0.000 1.769 3.539
ppb

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



0.574 0.787 1.000 1.370 1.741
unitless

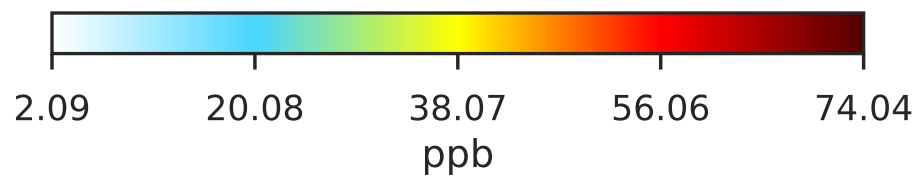
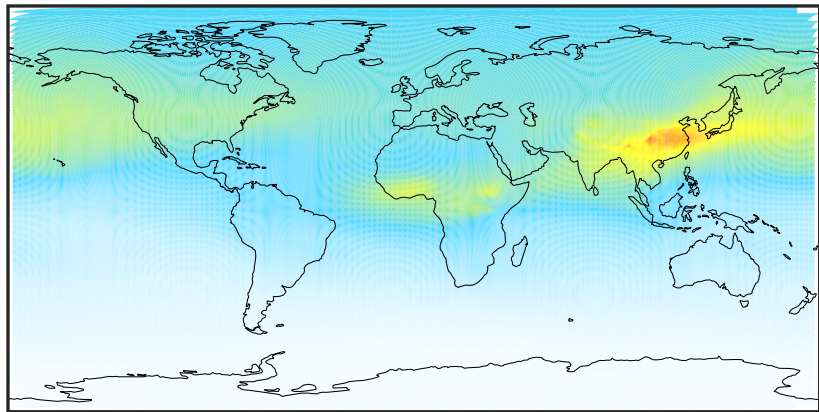
Ratio (1x1.25)
Dev/Ref, Fixed Range



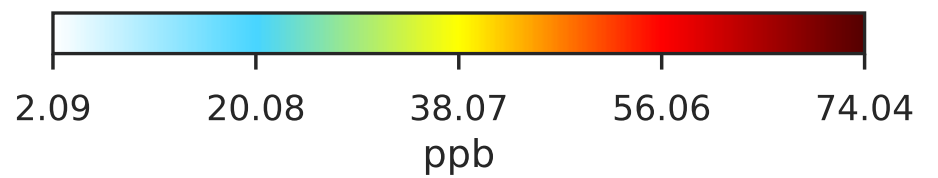
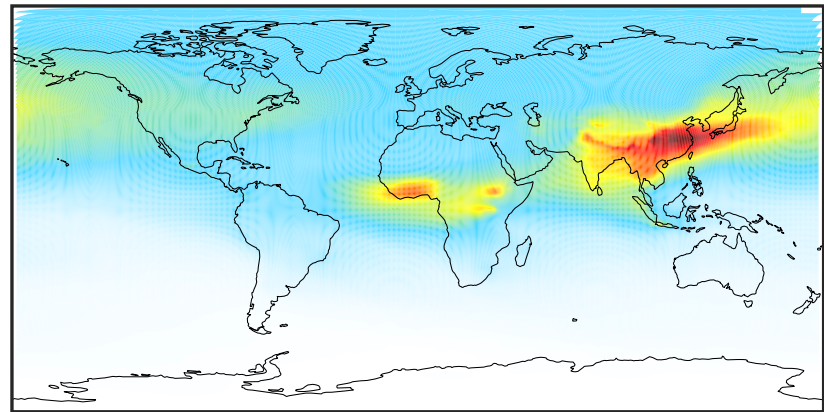
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_CO_50 (AnnualMean)

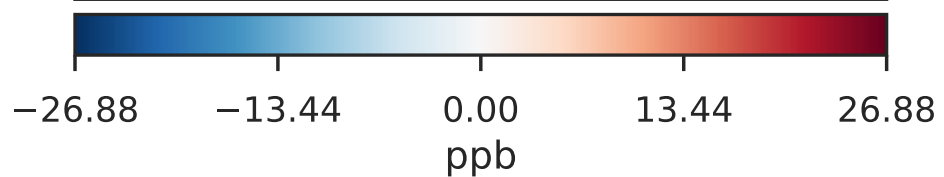
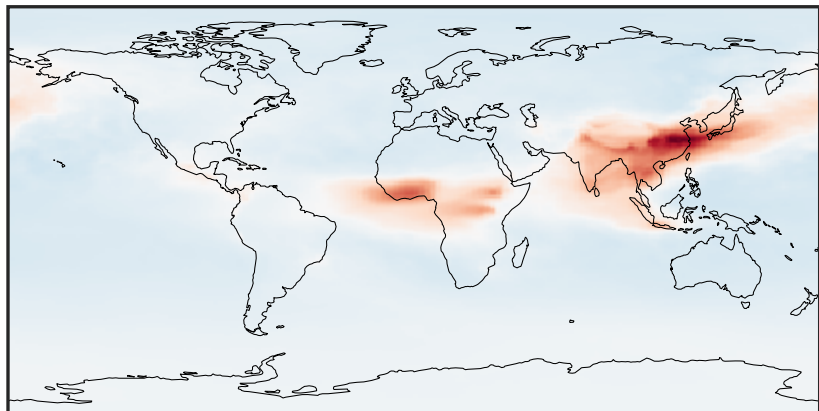
GCHP 14.2.2 using wind (Ref)
c180



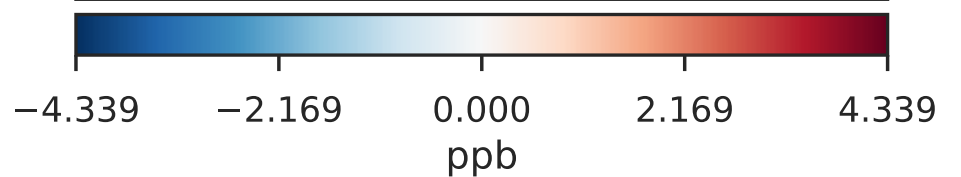
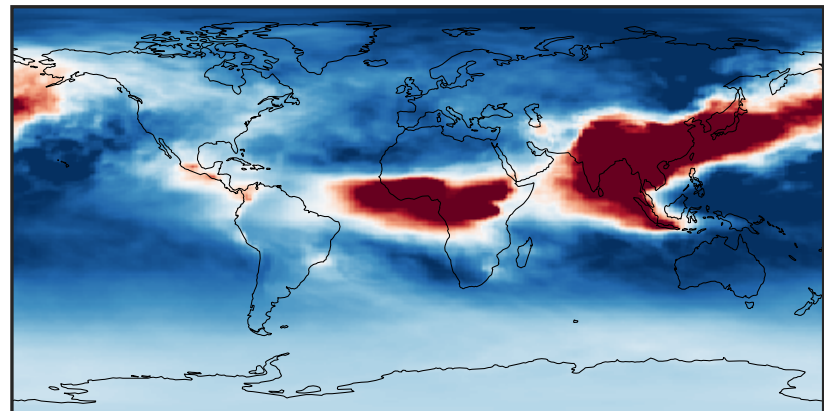
GCHP 14.2.2 using mass flux (Dev)
c180



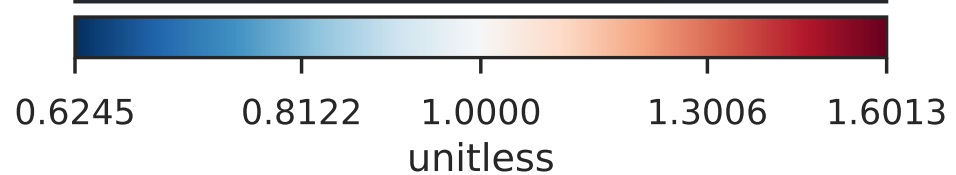
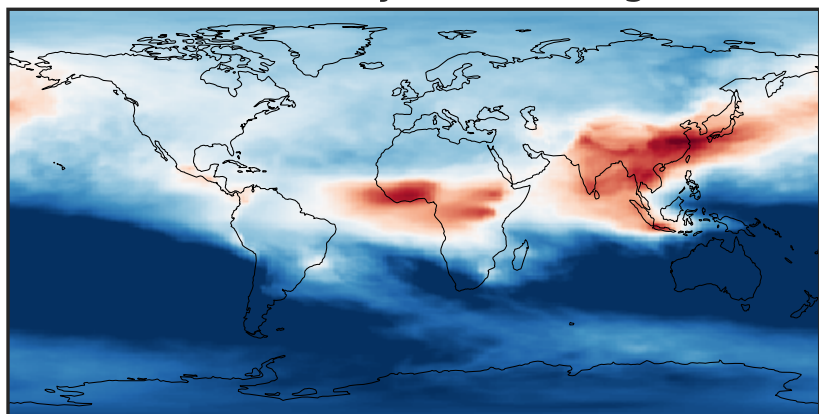
Difference (1x1.25)
Dev - Ref, Dynamic Range



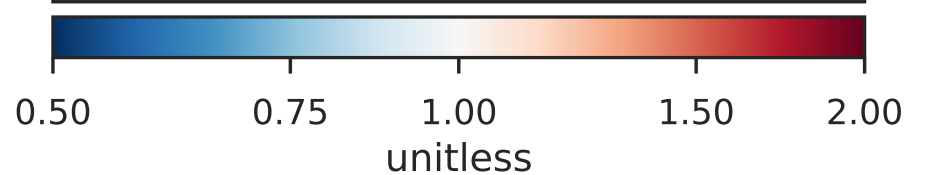
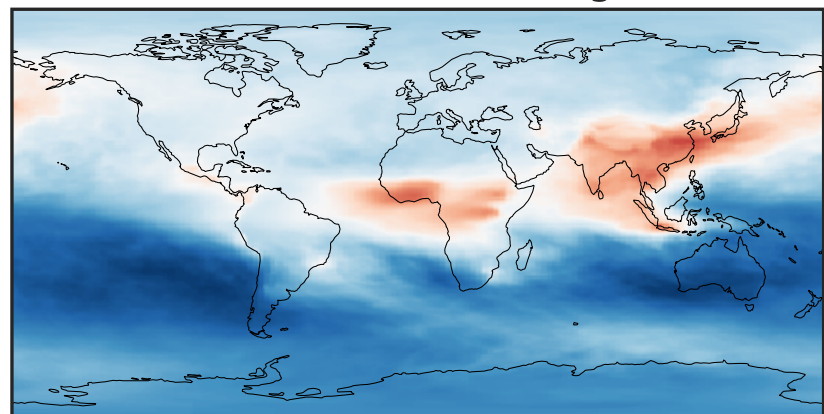
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

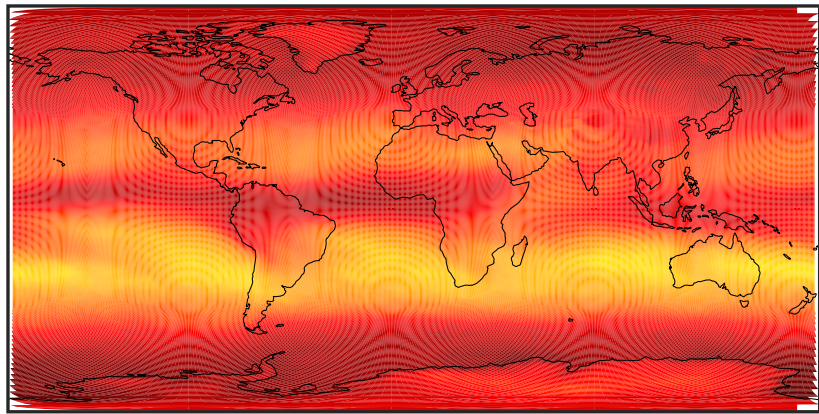


Ratio (1x1.25)
Dev/Ref, Fixed Range



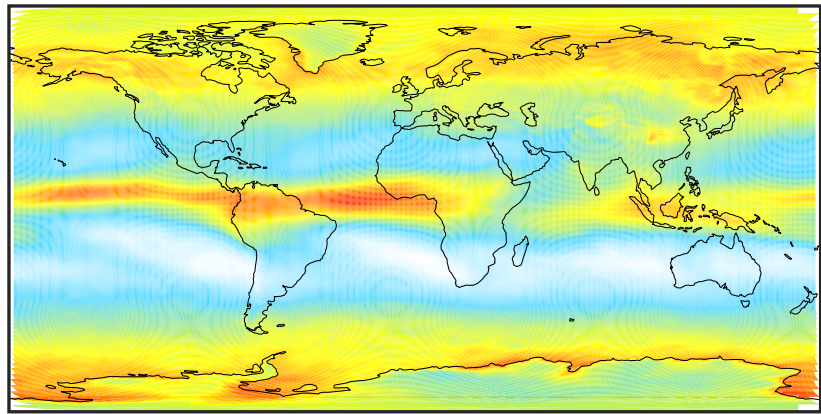
SpeciesConcVV_e90 (AnnualMean)

GCHP 14.2.2 using wind (Ref)
c180



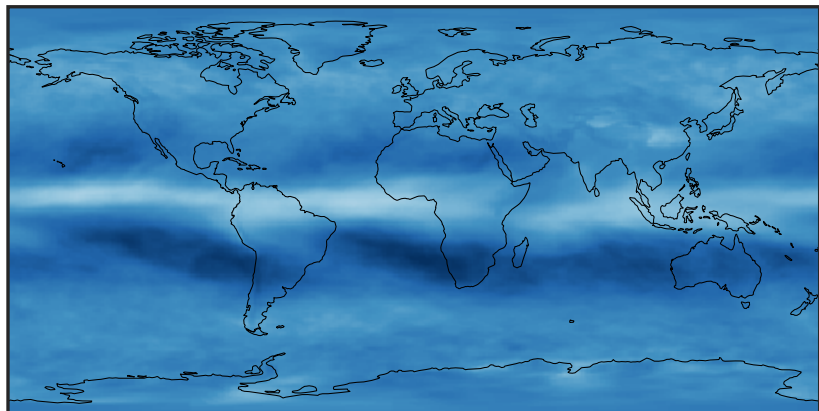
48.39 56.46 64.54 72.61 80.69
ppb

GCHP 14.2.2 using mass flux (Dev)
c180



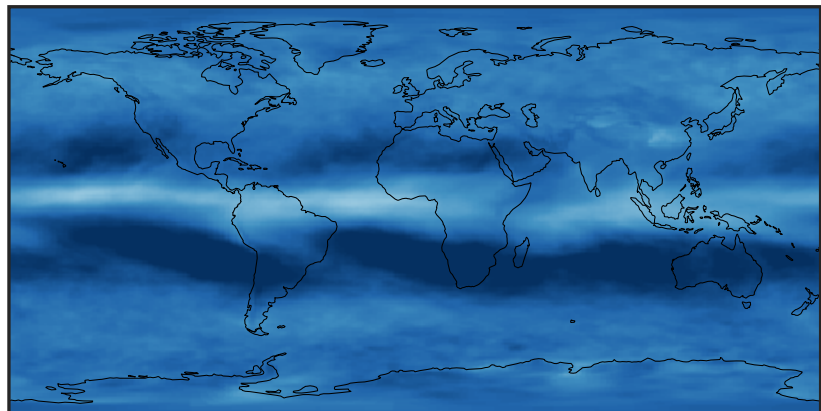
48.39 56.46 64.54 72.61 80.69
ppb

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



-18.39 -9.19 0.00 9.19 18.39
ppb

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



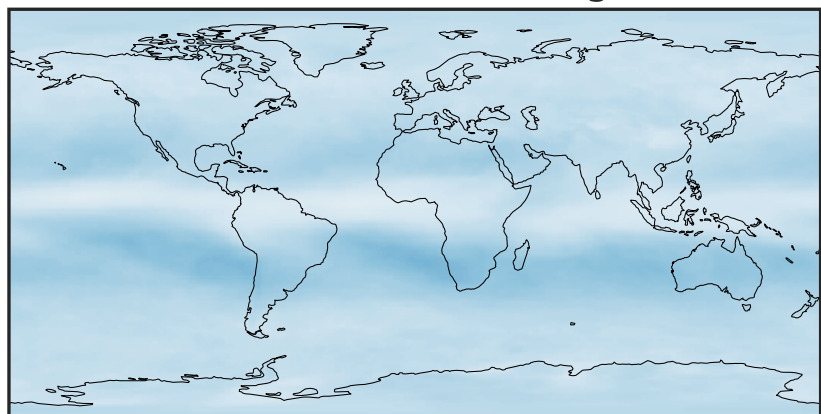
-15.73 -7.86 0.00 7.86 15.73
ppb

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



0.9222 0.9611 1.0000 1.0422 1.0844
unitless

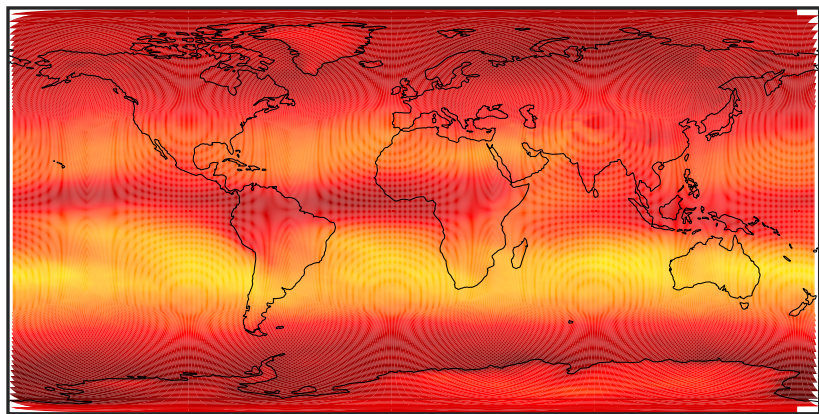
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

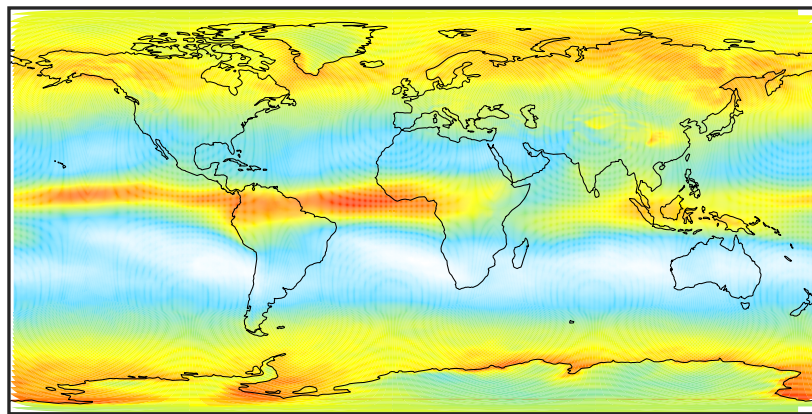
SpeciesConcVV_e90_n (AnnualMean)

GCHP 14.2.2 using wind (Ref)
c180



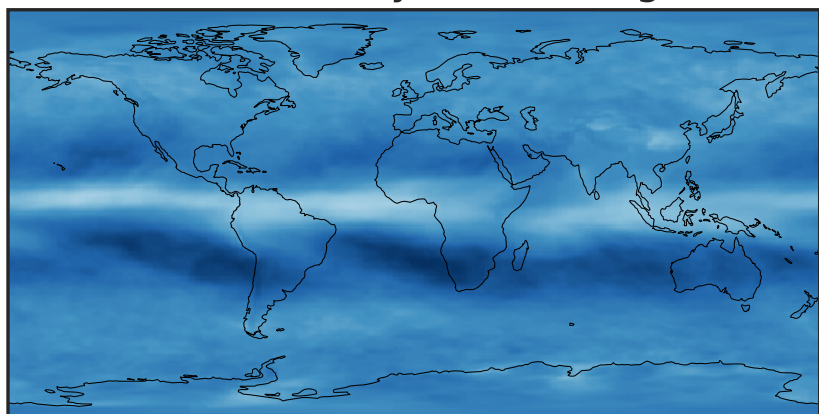
48.39 56.46 64.54 72.61 80.69
ppb

GCHP 14.2.2 using mass flux (Dev)
c180



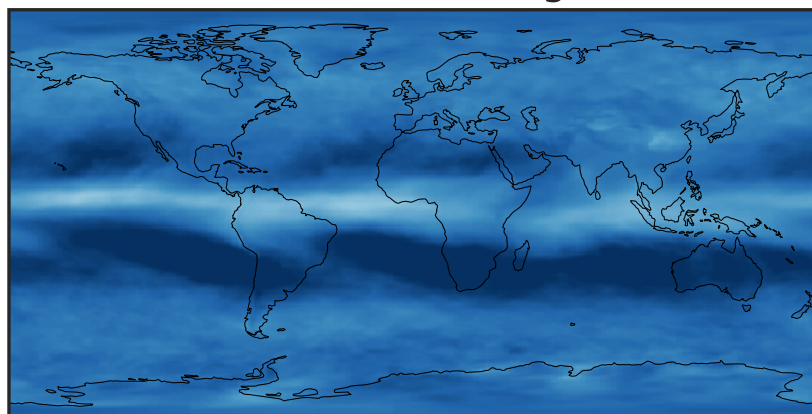
48.39 56.46 64.54 72.61 80.69
ppb

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



-18.39 -9.19 0.00 9.19 18.39
ppb

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



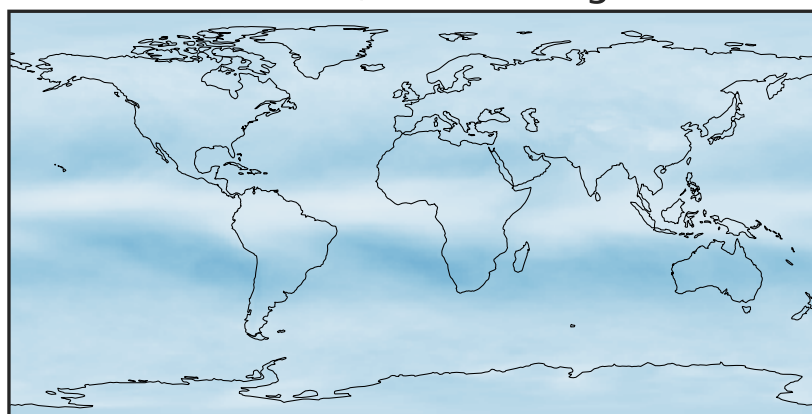
-15.73 -7.86 0.00 7.86 15.73
ppb

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



0.9222 0.9611 1.0000 1.0422 1.0844
unitless

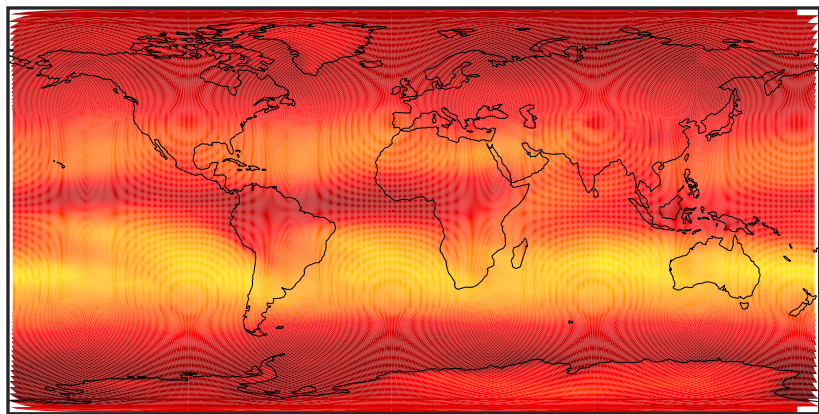
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

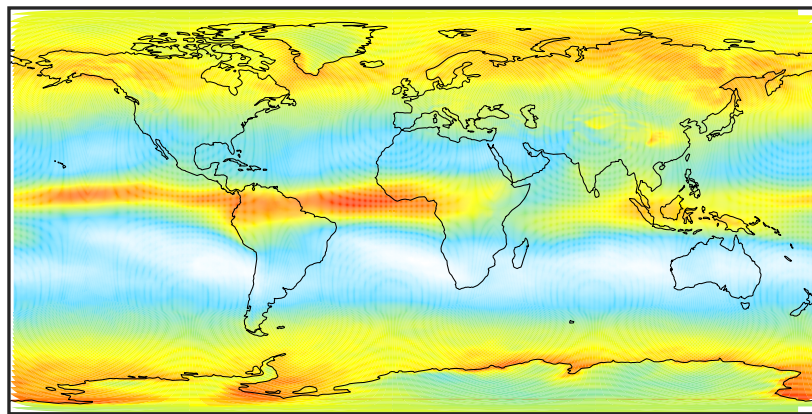
SpeciesConcVV_e90_s (AnnualMean)

GCHP 14.2.2 using wind (Ref)
c180



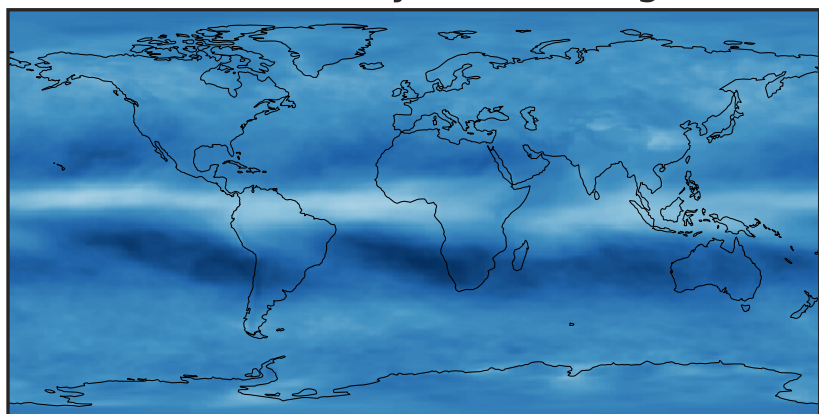
48.39 56.46 64.54 72.61 80.69
ppb

GCHP 14.2.2 using mass flux (Dev)
c180



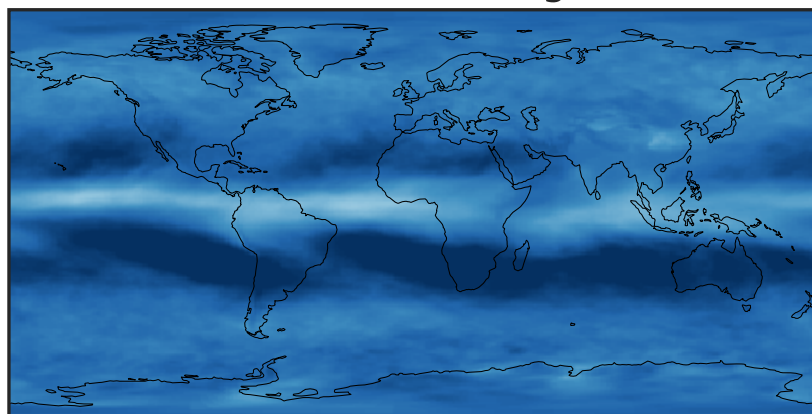
48.39 56.46 64.54 72.61 80.69
ppb

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



-18.39 -9.19 0.00 9.19 18.39
ppb

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



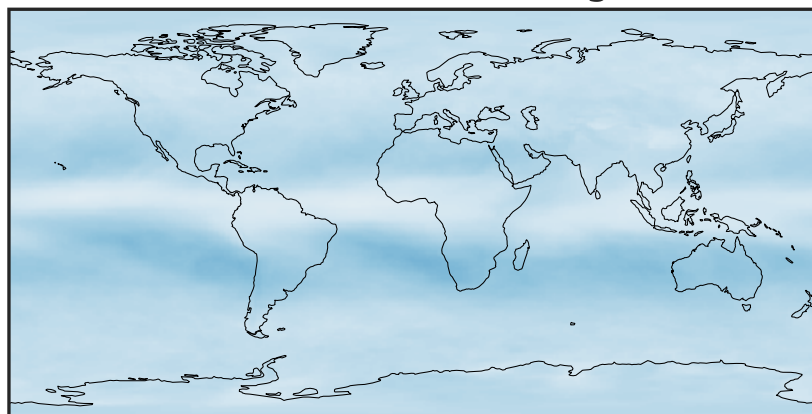
-15.73 -7.86 0.00 7.86 15.73
ppb

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



0.9222 0.9611 1.0000 1.0422 1.0844
unitless

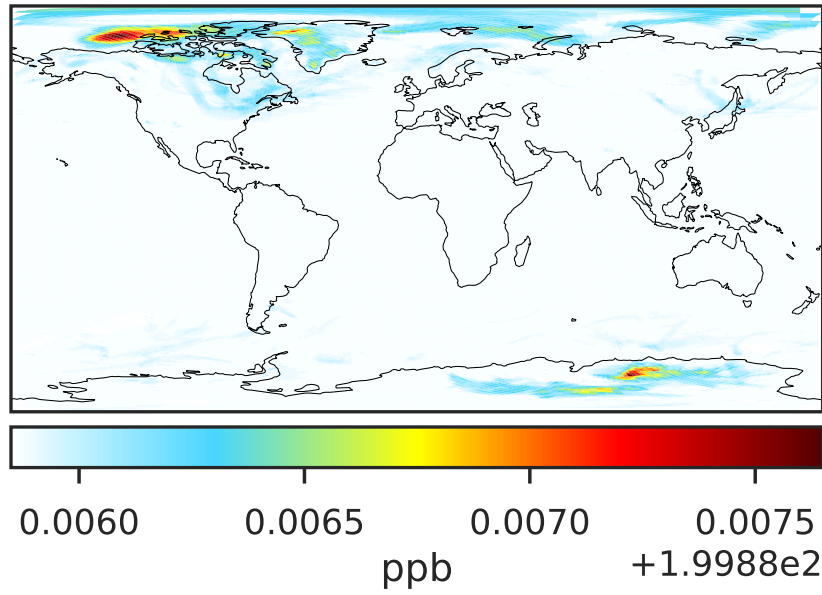
Ratio (1x1.25)
Dev/Ref, Fixed Range



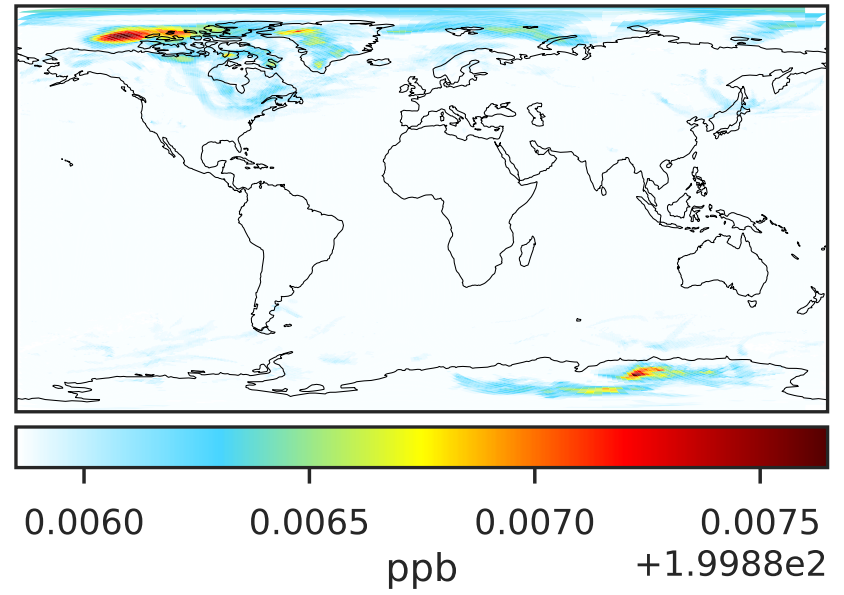
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_st80_25 (AnnualMean)

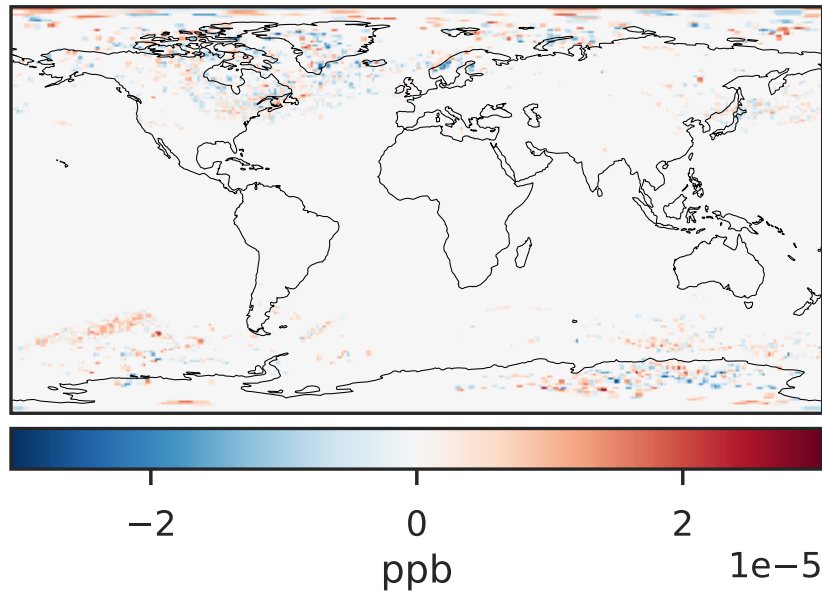
GCHP 14.2.2 using wind (Ref)
c180



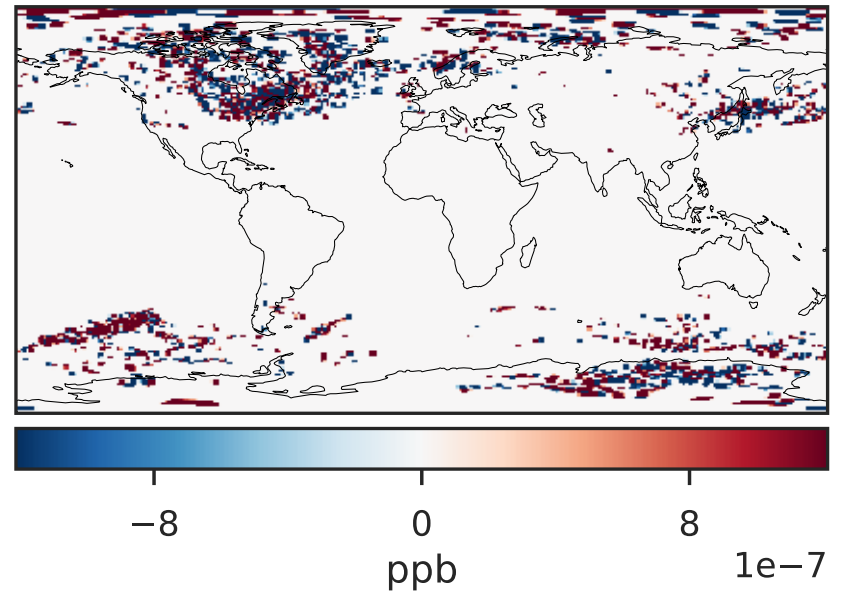
GCHP 14.2.2 using mass flux (Dev)
c180



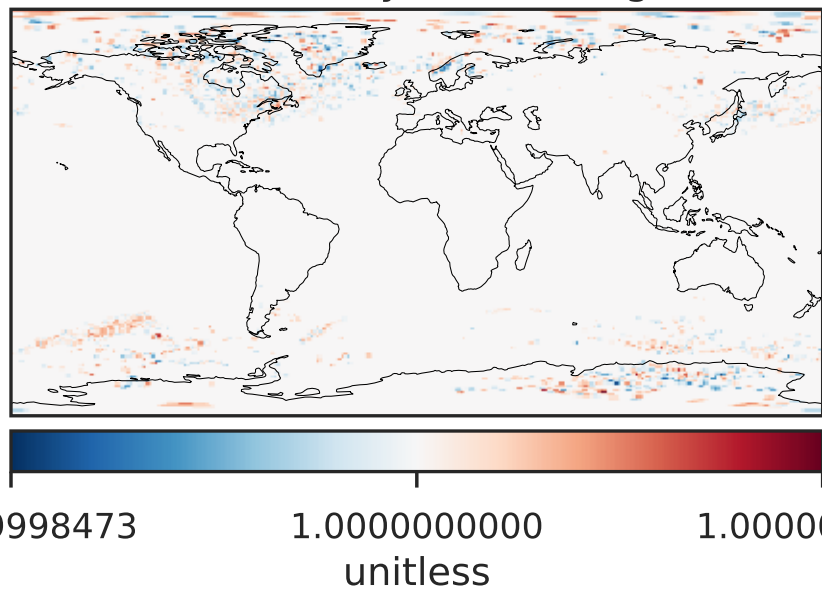
Difference (1x1.25)
Dev - Ref, Dynamic Range



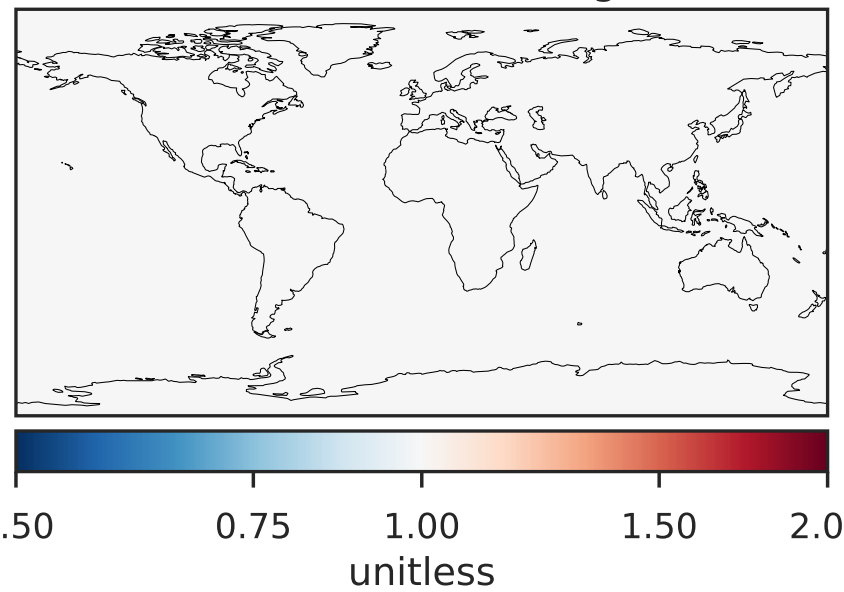
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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



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



0.9999998473

1.000000000

1.0000015270.50

unitless

0.75

1.00

1.50

2.00

unitless