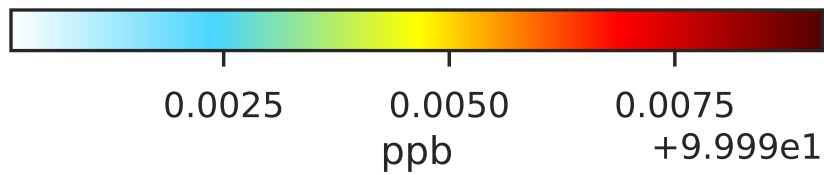
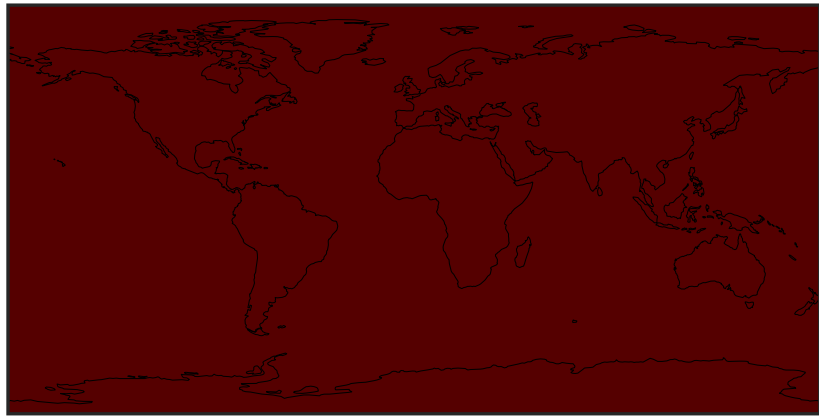
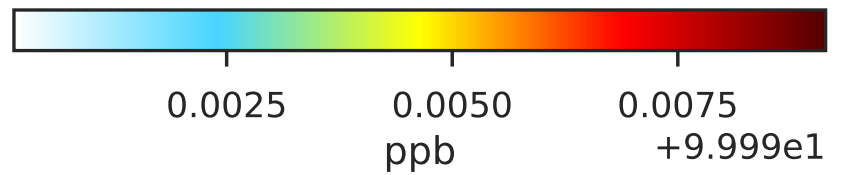
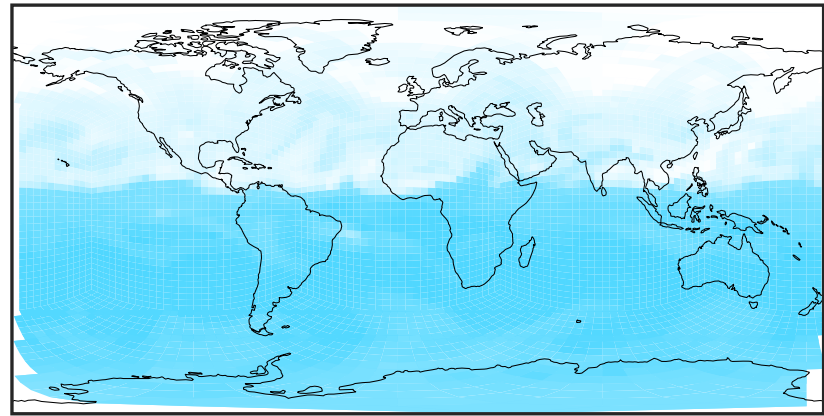


SpeciesConcVV_PassiveTracer (Oct2019)

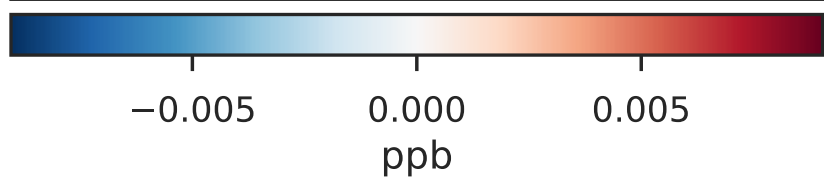
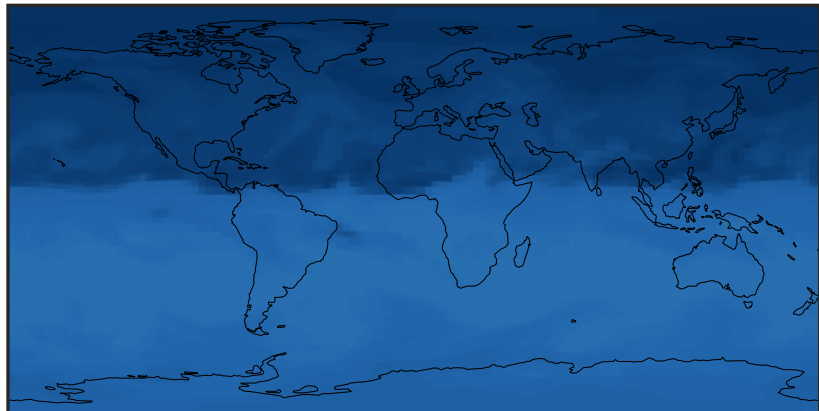
GCC 14.2.2 (Ref)
4.0x5.0



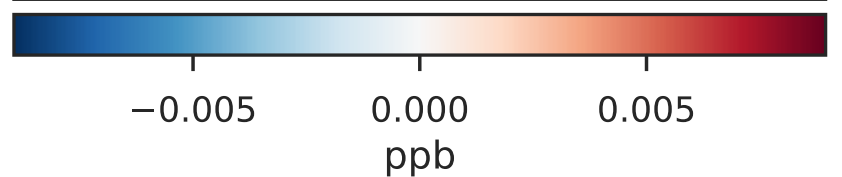
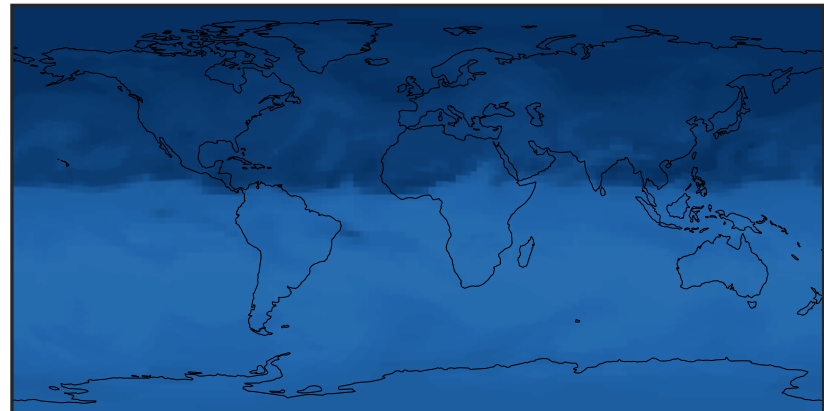
GCHP 14.2.2 using mass flux (Dev)
c30



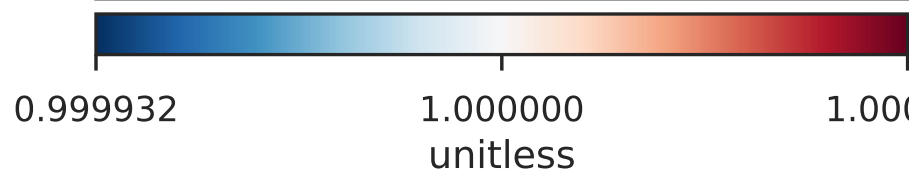
Difference (1x1.25)
Dev - Ref, Dynamic Range



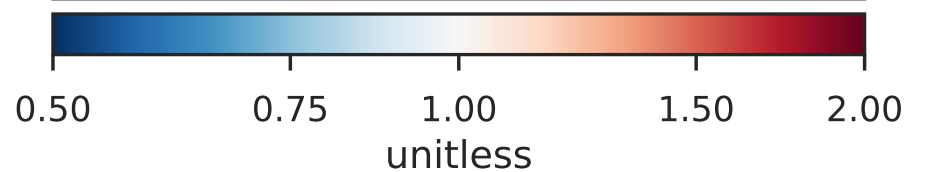
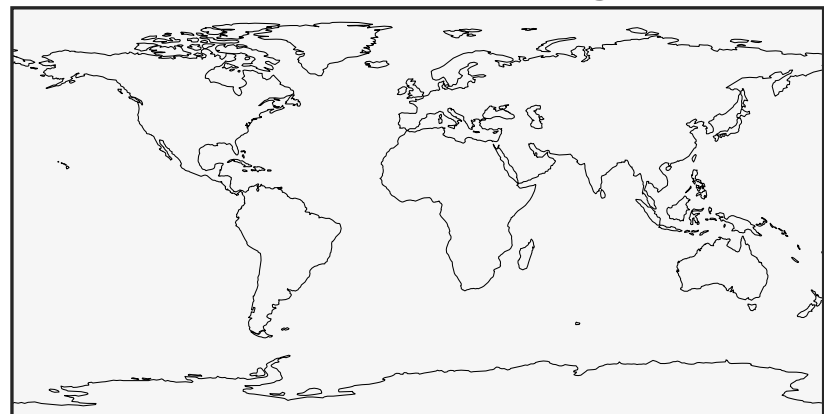
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

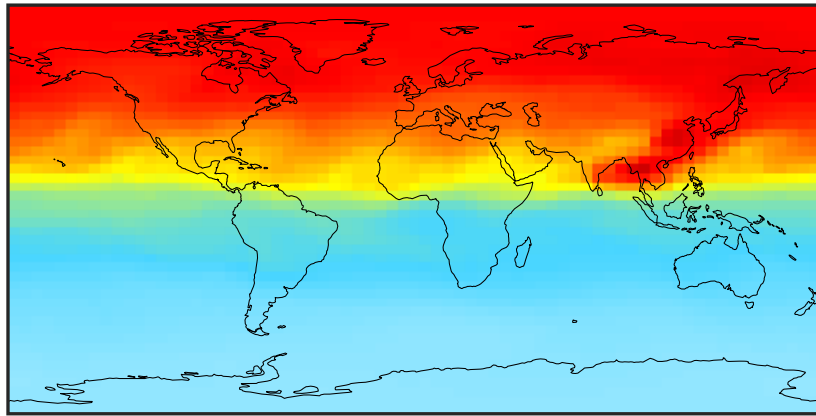


Ratio (1x1.25)
Dev/Ref, Fixed Range



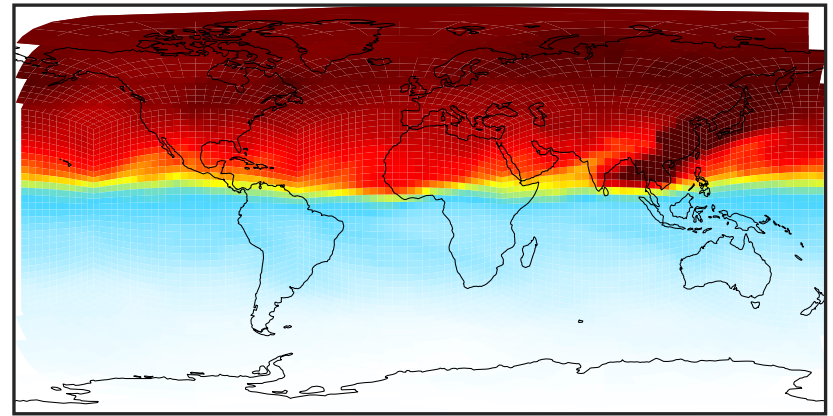
SpeciesConcVV_SF6 (Oct2019)

GCC 14.2.2 (Ref)
4.0x5.0



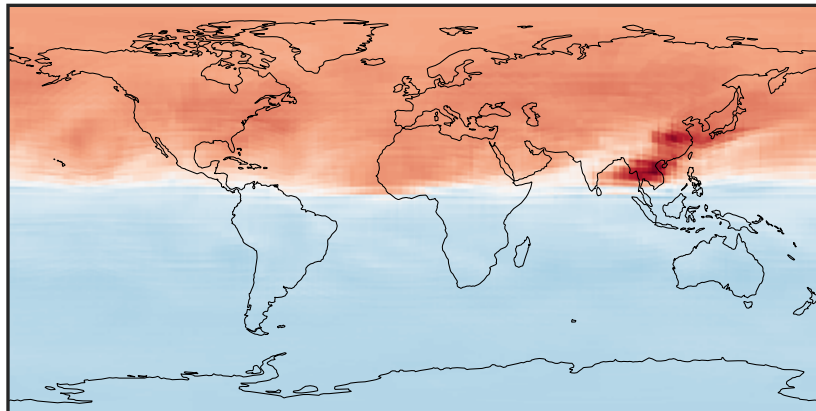
0.00255 0.00270 0.00285 0.00300
ppb

GCHP 14.2.2 using mass flux (Dev)
c30



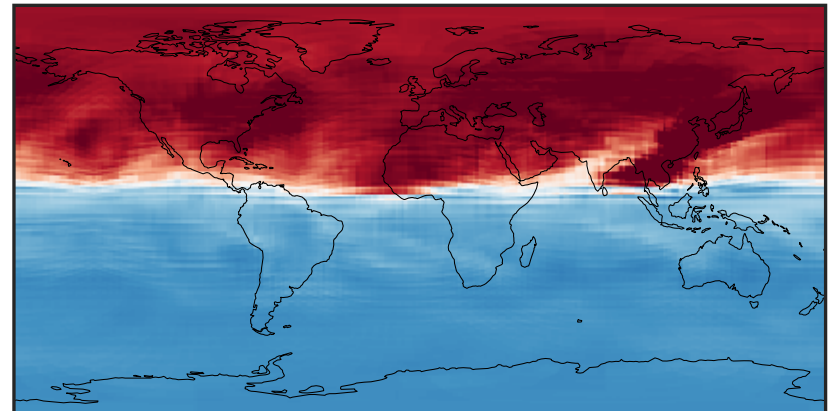
0.00255 0.00270 0.00285 0.00300
ppb

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



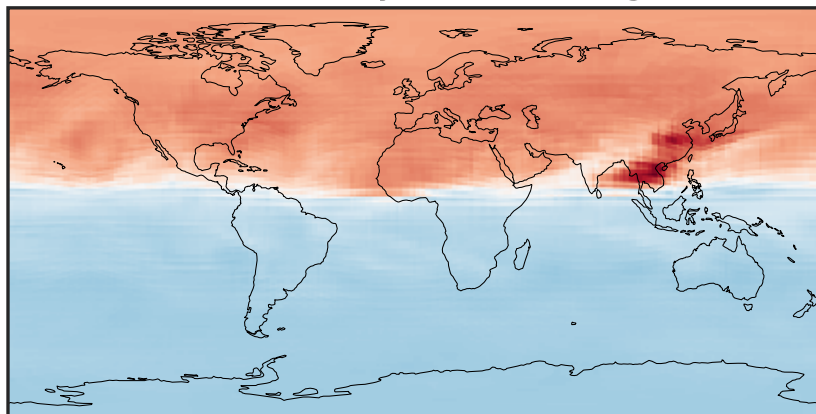
-0.00015 0.00000 0.00015
ppb

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



-8 0 8
ppb $1e-5$

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



0.9114 0.9557 1.0000 1.0486 1.0972
unitless

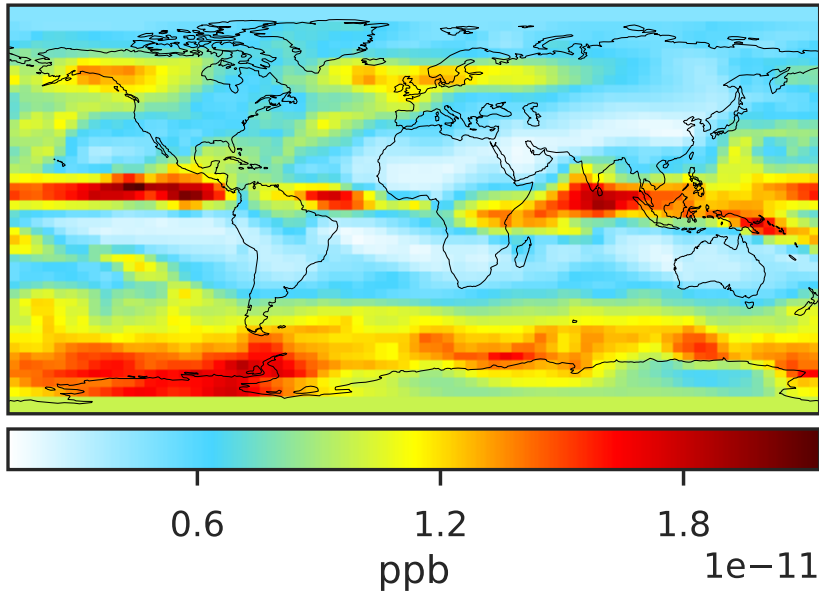
Ratio (1x1.25)
Dev/Ref, Fixed Range



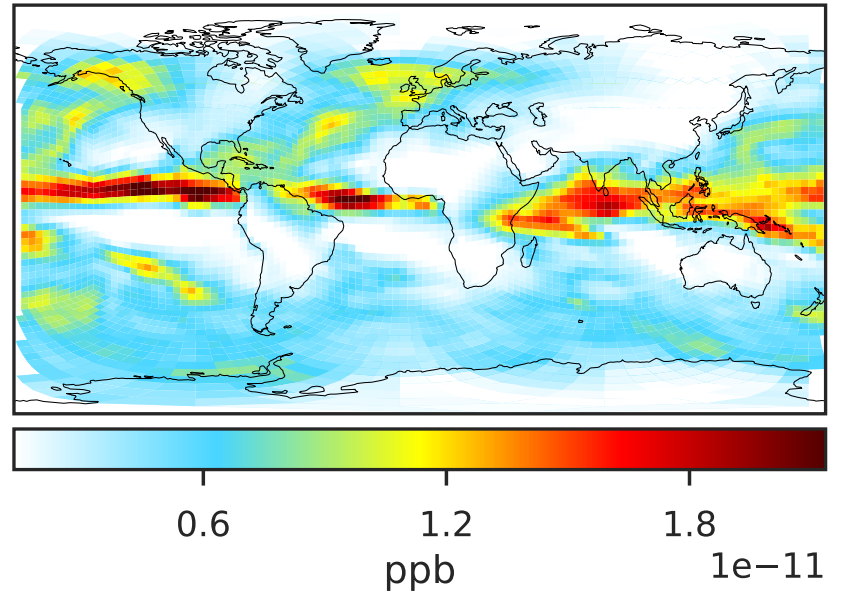
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_CH3I (Oct2019)

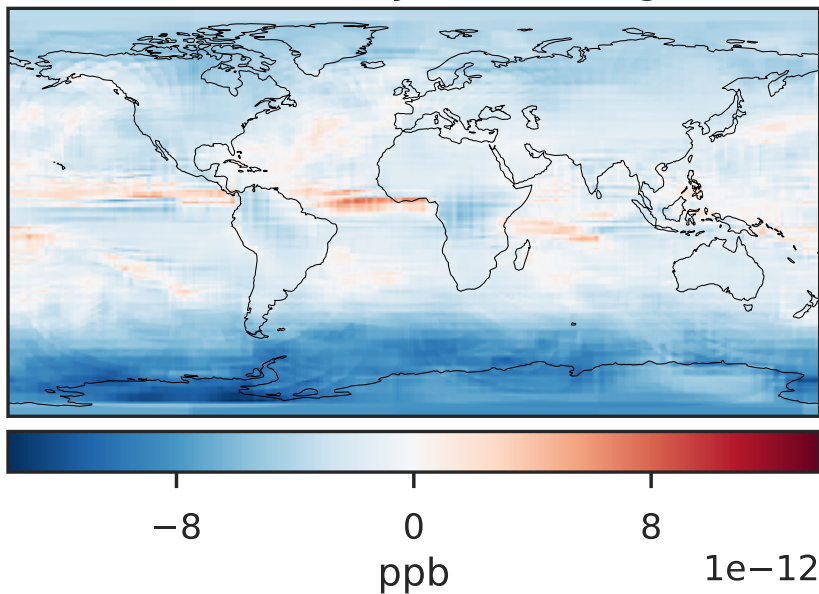
GCC 14.2.2 (Ref)
4.0x5.0



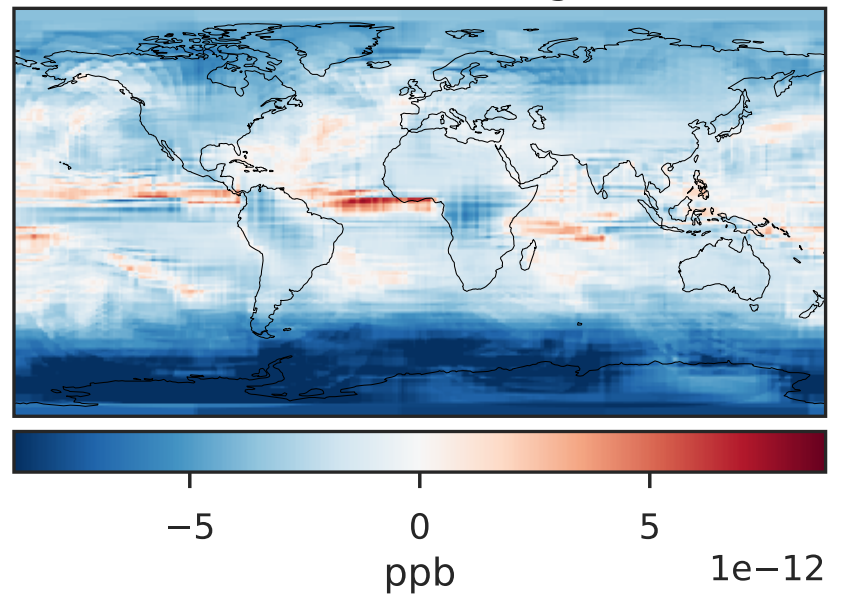
GCHP 14.2.2 using mass flux (Dev)
c30



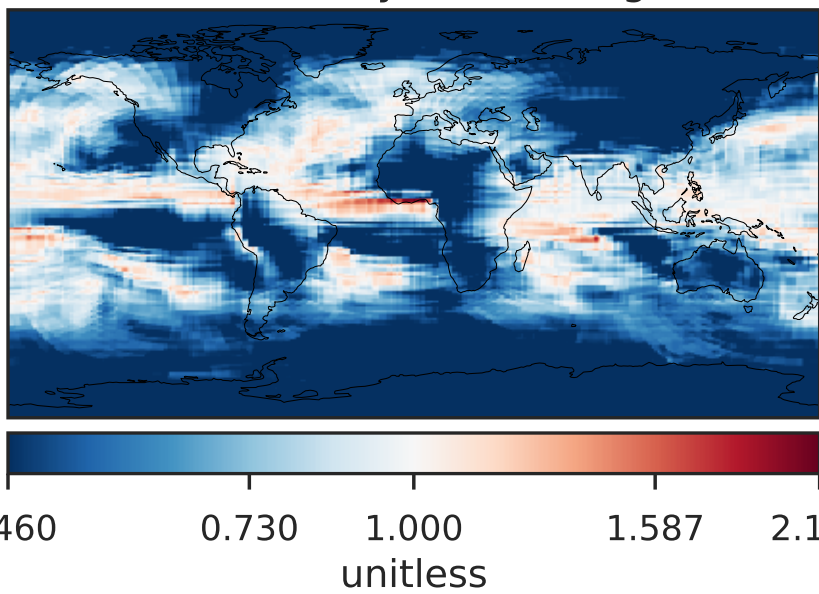
Difference (1x1.25)
Dev - Ref, Dynamic Range



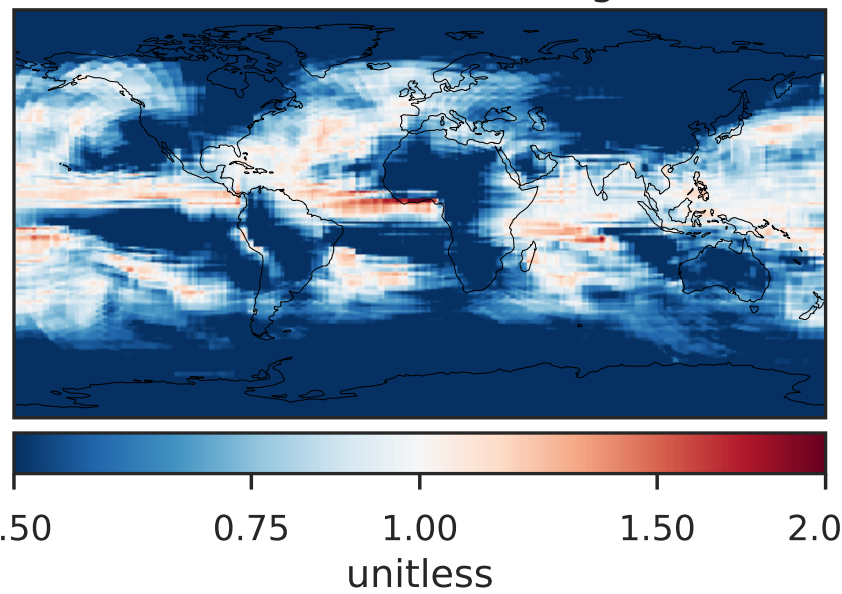
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

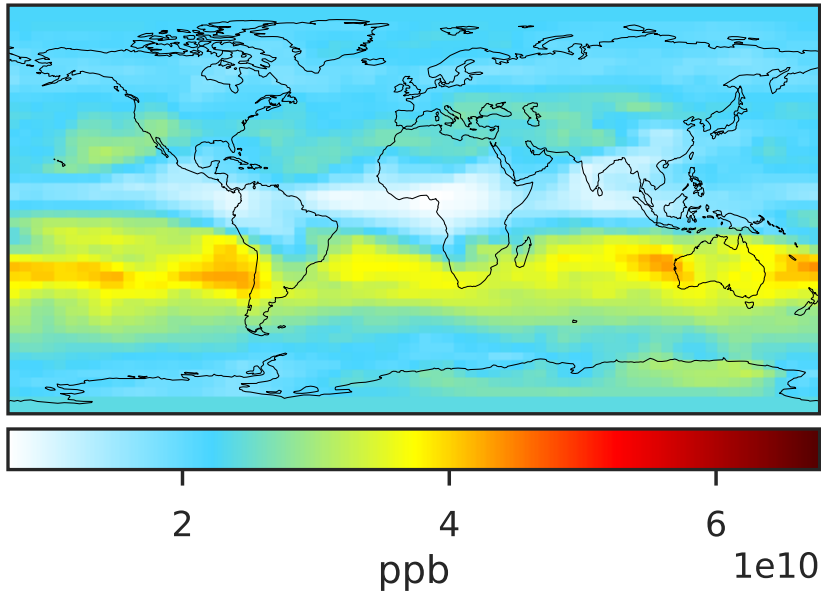


Ratio (1x1.25)
Dev/Ref, Fixed Range

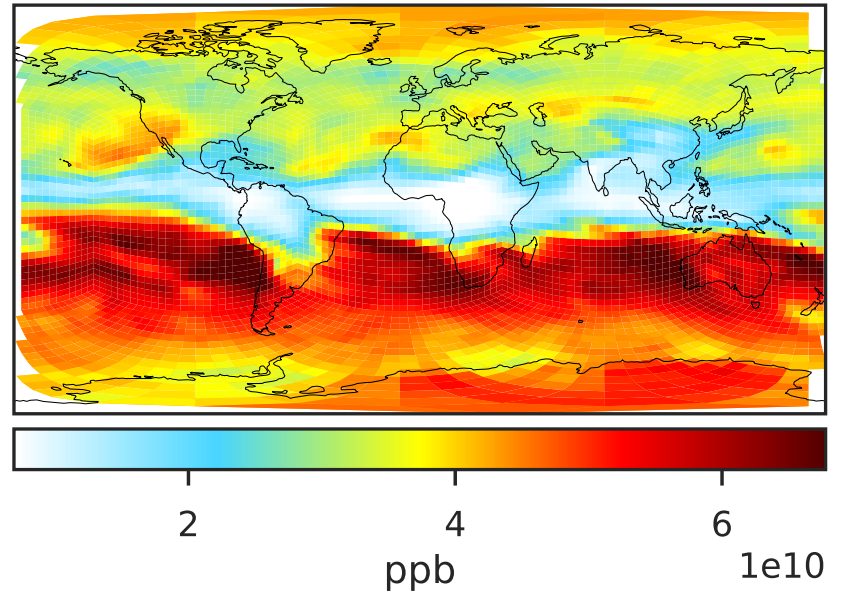


SpeciesConcVV_aoa (Oct2019)

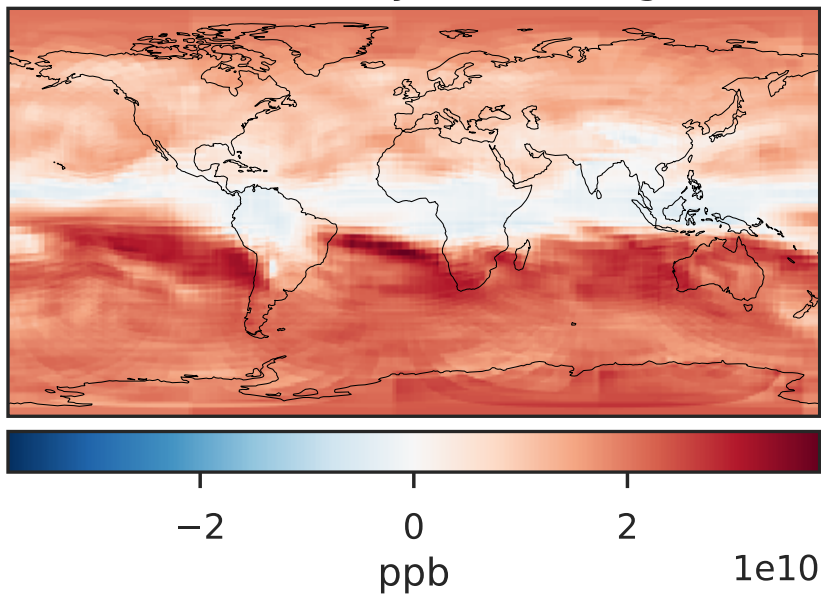
GCC 14.2.2 (Ref)
4.0x5.0



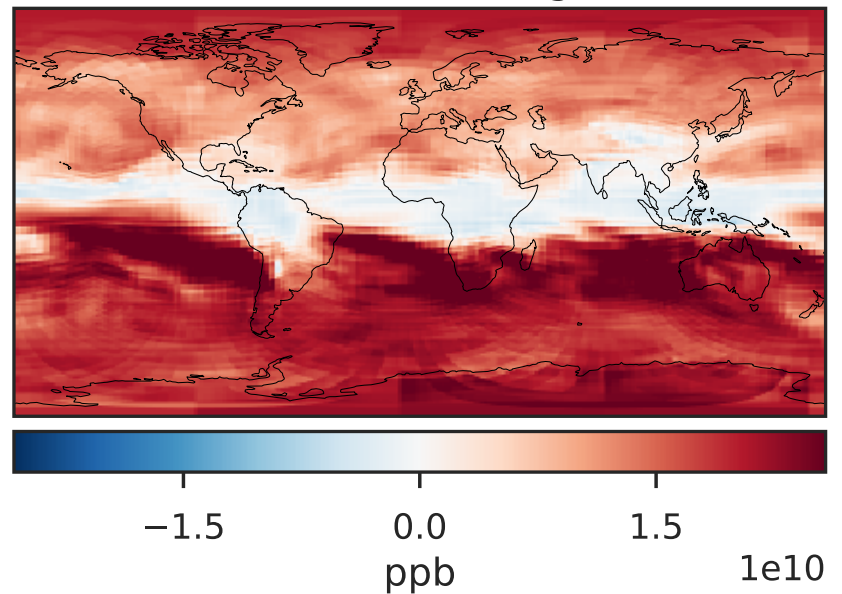
GCHP 14.2.2 using mass flux (Dev)
c30



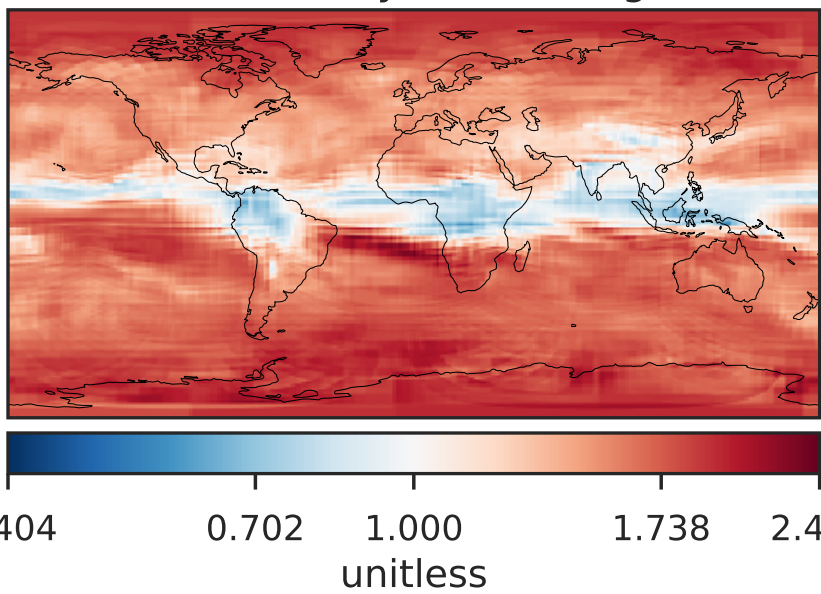
Difference (1x1.25)
Dev - Ref, Dynamic Range



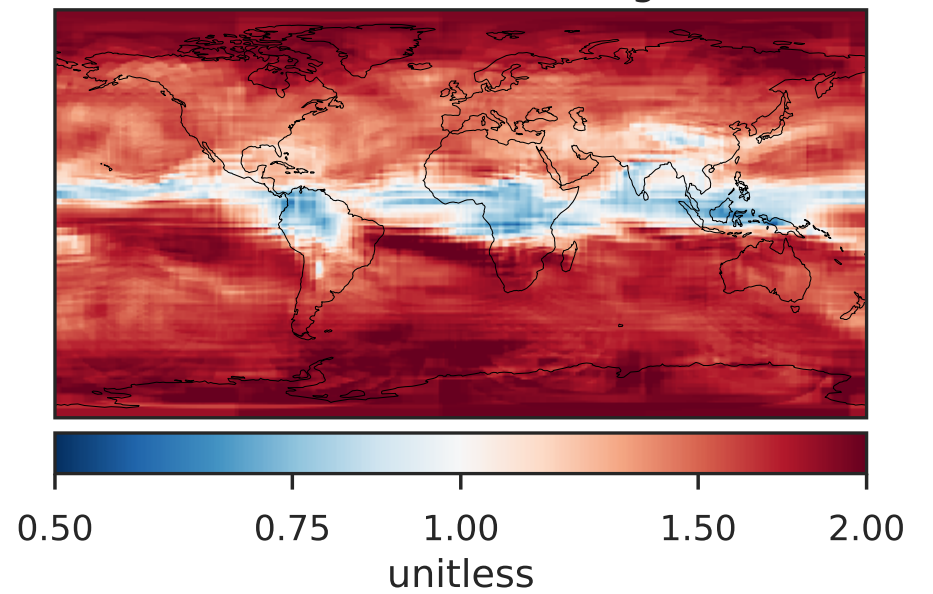
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

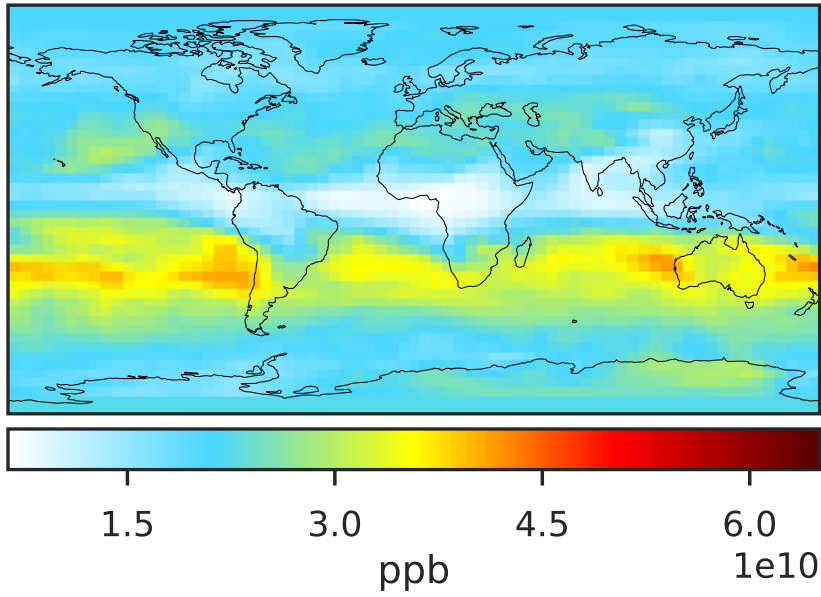


Ratio (1x1.25)
Dev/Ref, Fixed Range

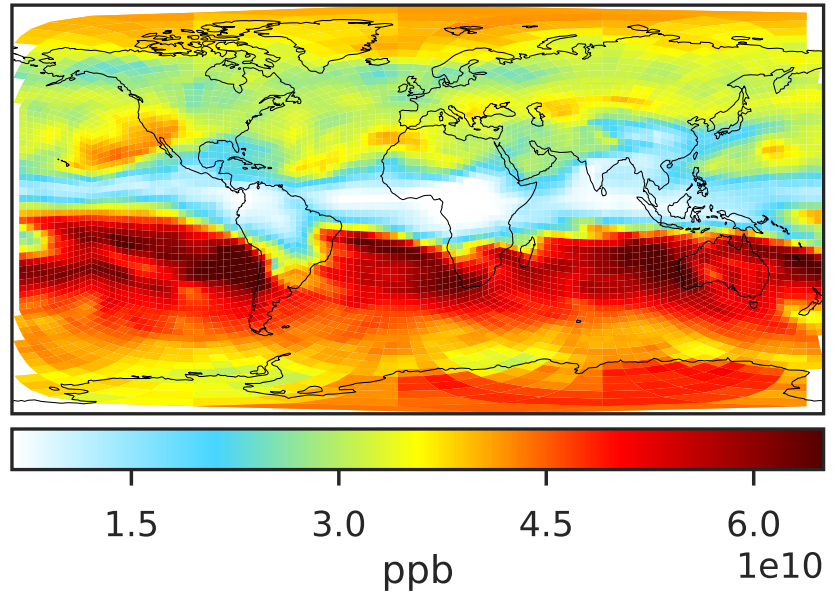


SpeciesConcVV_aoa_bl (Oct2019)

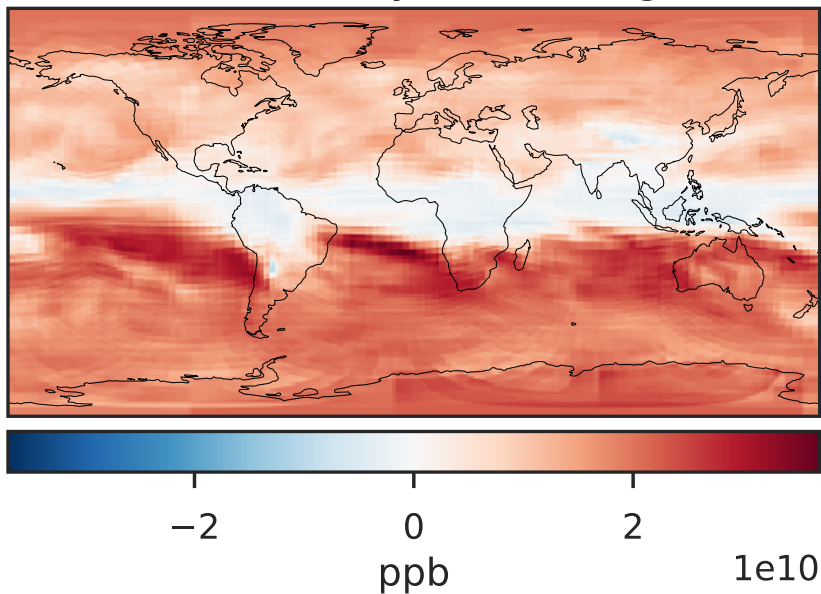
GCC 14.2.2 (Ref)
4.0x5.0



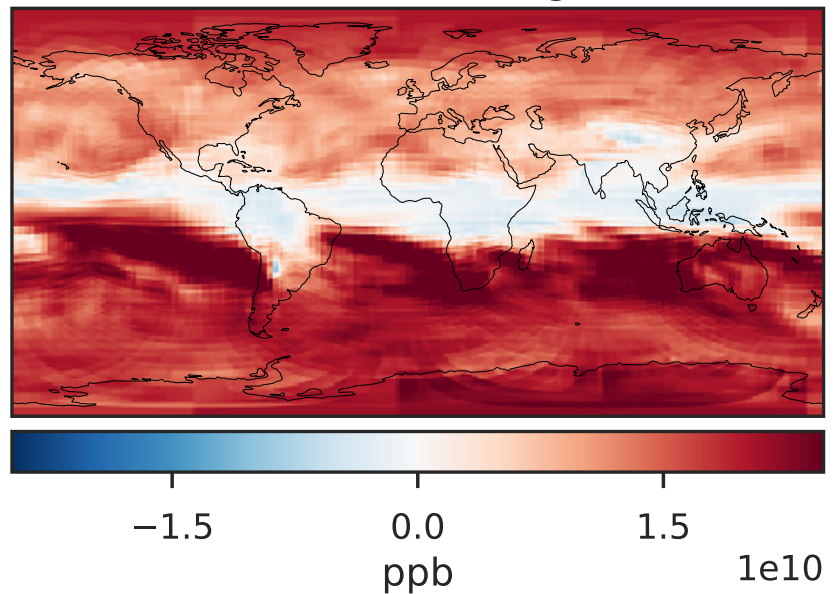
GCHP 14.2.2 using mass flux (Dev)
c30



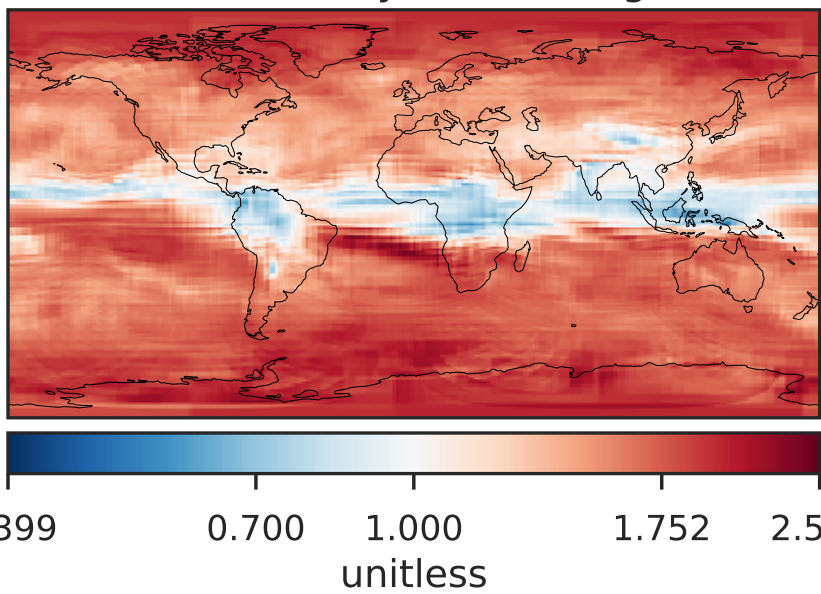
Difference (1x1.25)
Dev - Ref, Dynamic Range



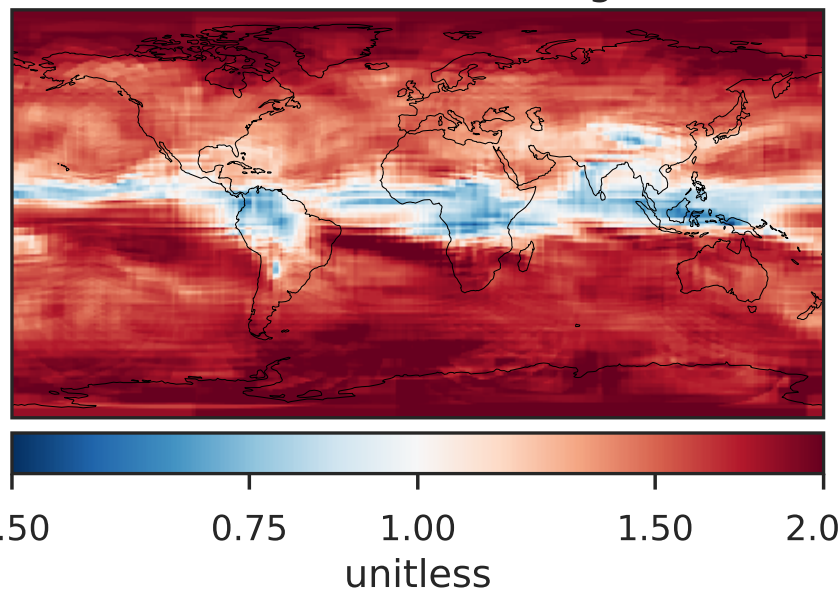
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

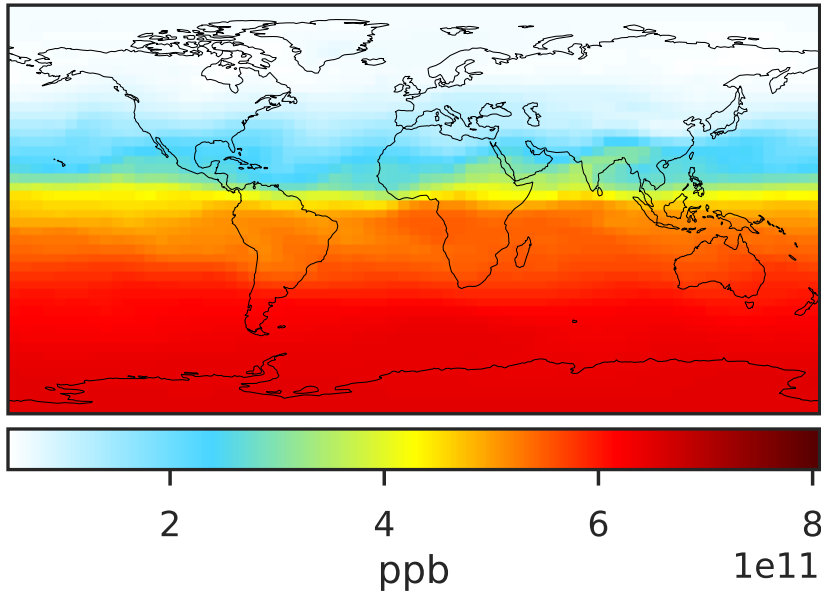


Ratio (1x1.25)
Dev/Ref, Fixed Range

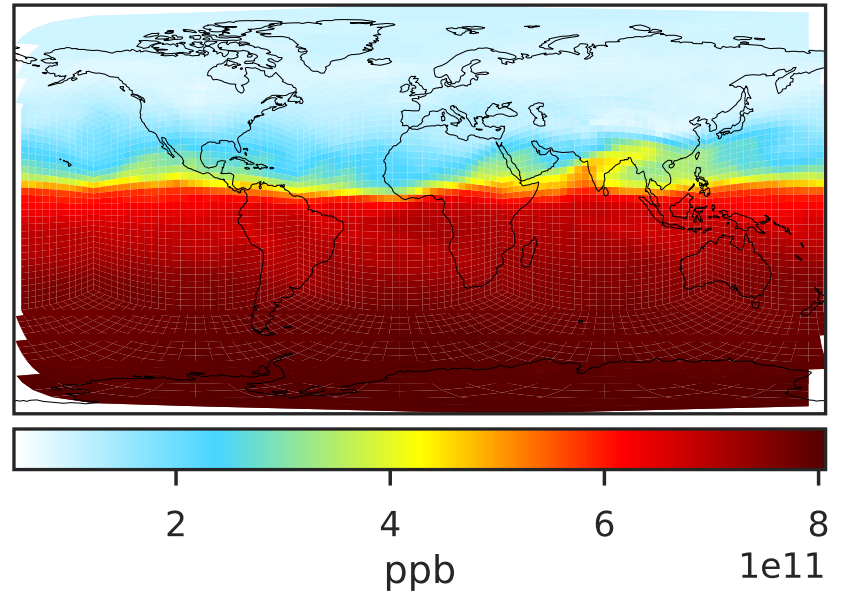


SpeciesConcVW_aoa_nh (Oct2019)

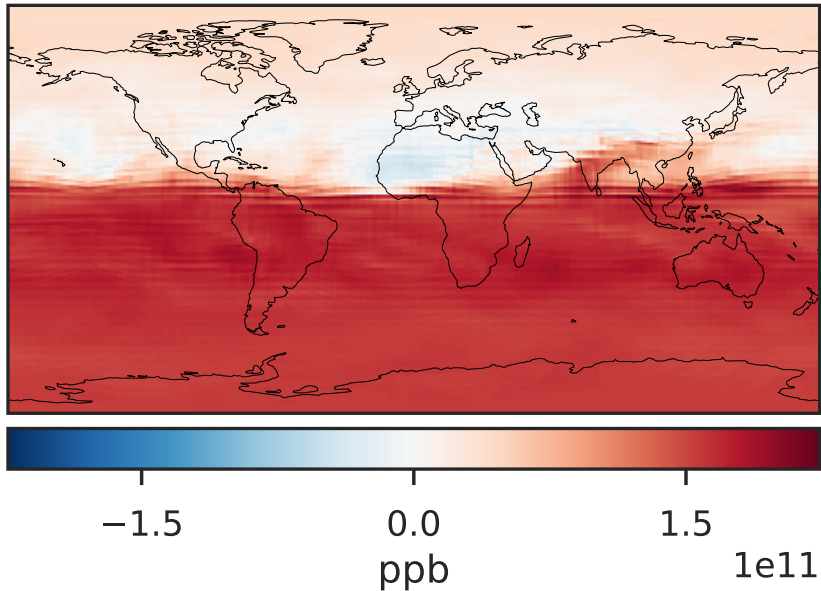
GCC 14.2.2 (Ref)
4.0x5.0



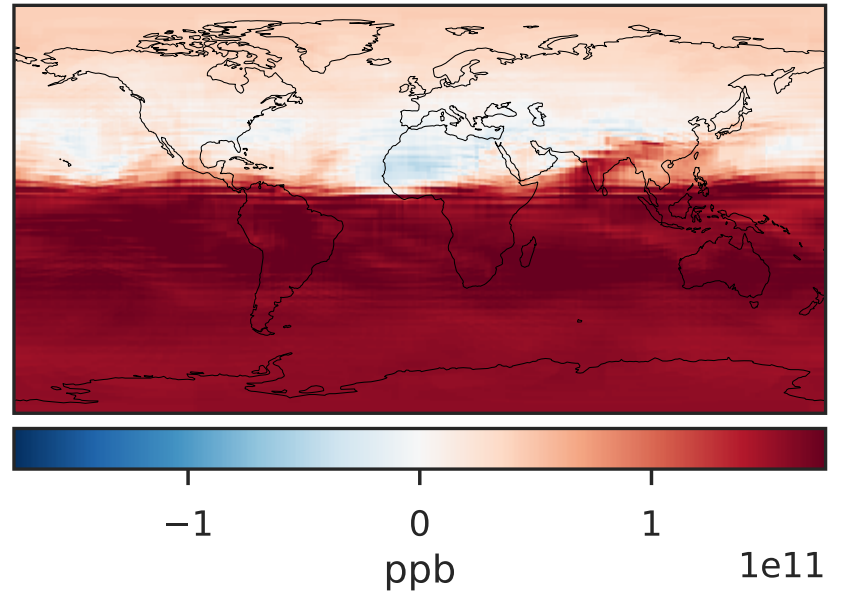
GCHP 14.2.2 using mass flux (Dev)
c30



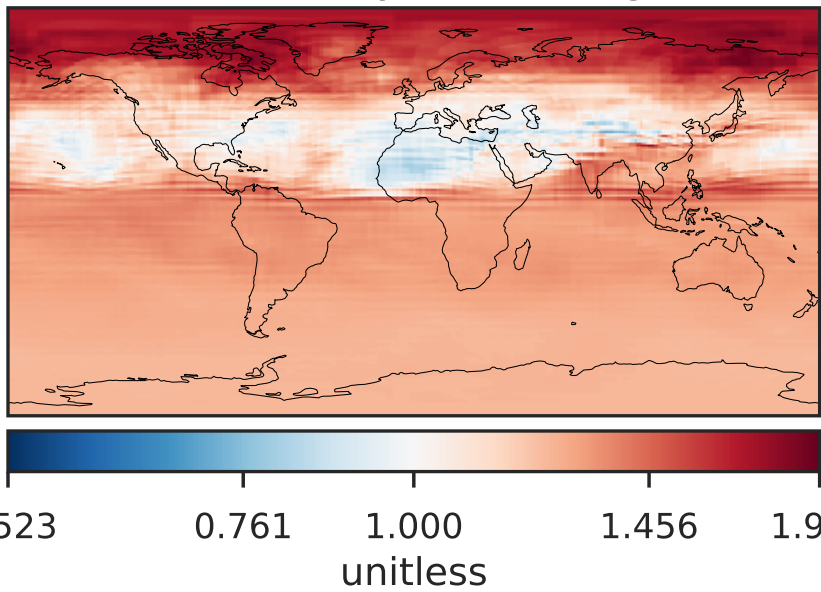
Difference (1x1.25)
Dev - Ref, Dynamic Range



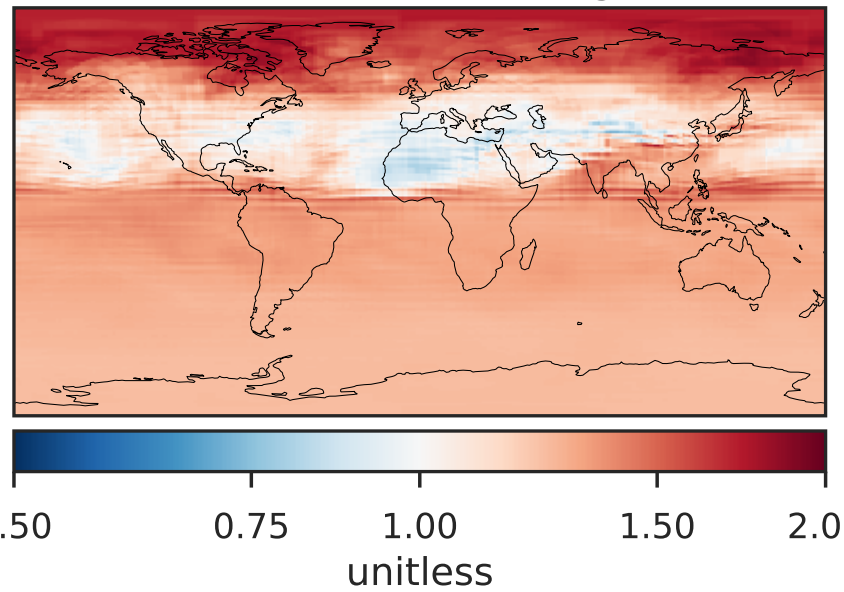
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

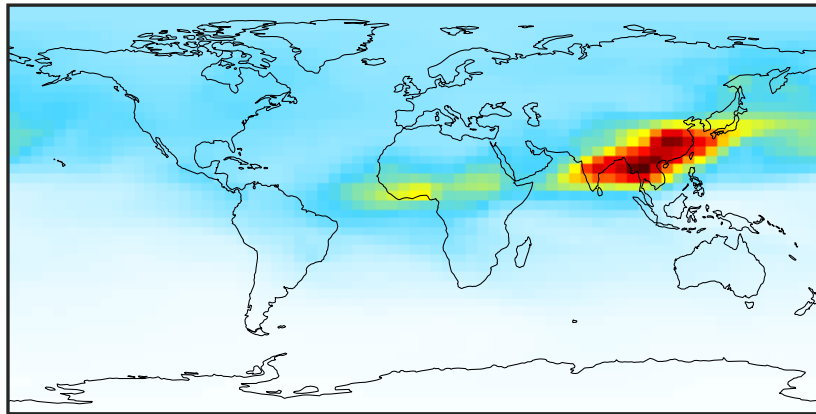


Ratio (1x1.25)
Dev/Ref, Fixed Range



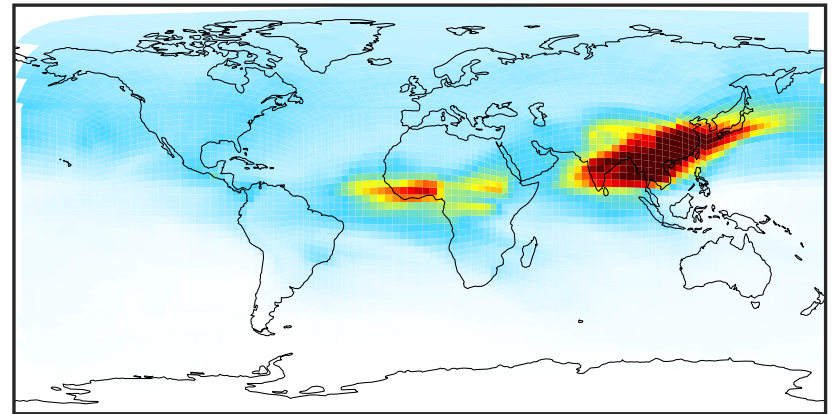
SpeciesConcVV_CO_25 (Oct2019)

GCC 14.2.2 (Ref)
4.0x5.0



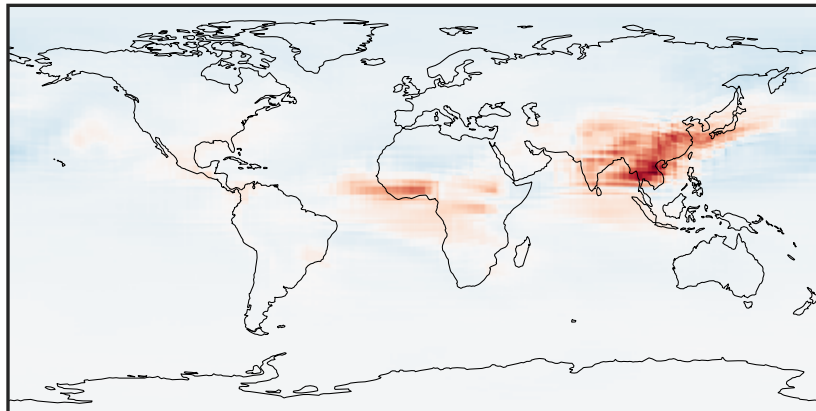
0.50 12.61 24.71 36.82 48.93
ppb

GCHP 14.2.2 using mass flux (Dev)
c30



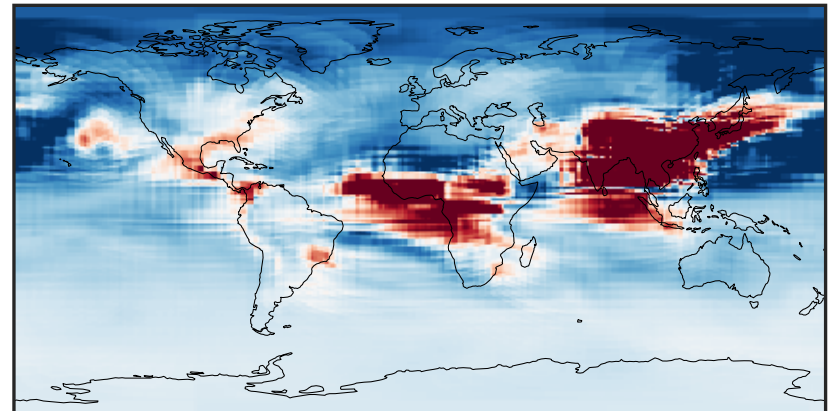
0.50 12.61 24.71 36.82 48.93
ppb

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



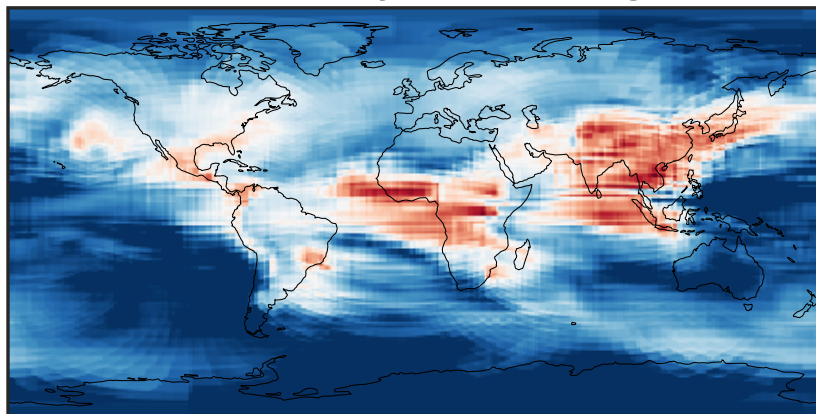
-31.23 -15.61 0.00 15.61 31.23
ppb

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



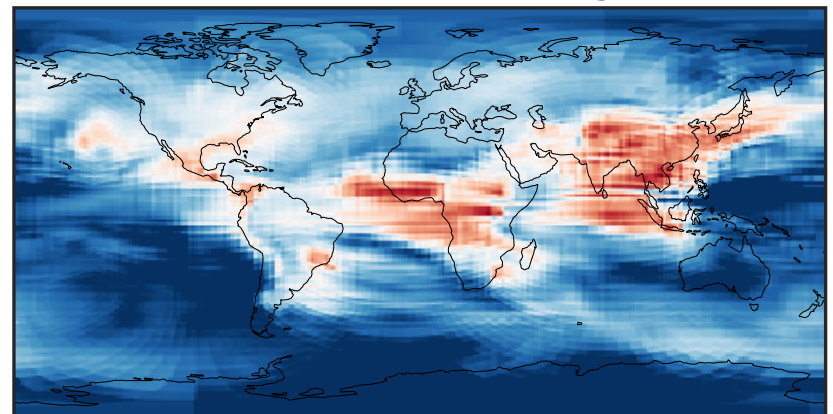
-3.786 -1.893 0.000 1.893 3.786
ppb

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



0.516 0.758 1.000 1.469 1.938
unitless

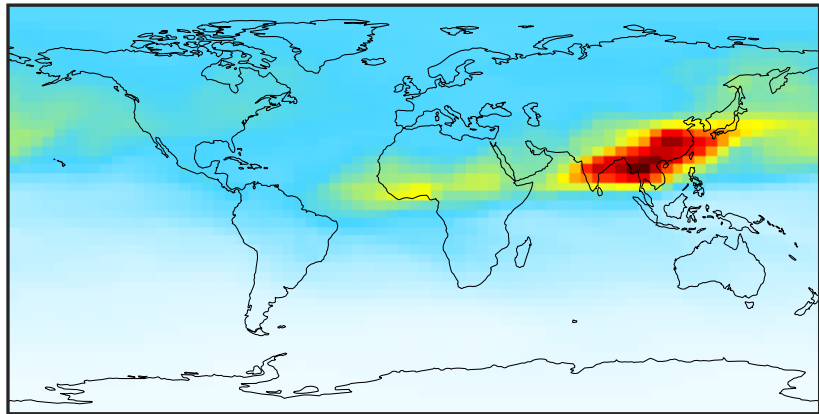
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

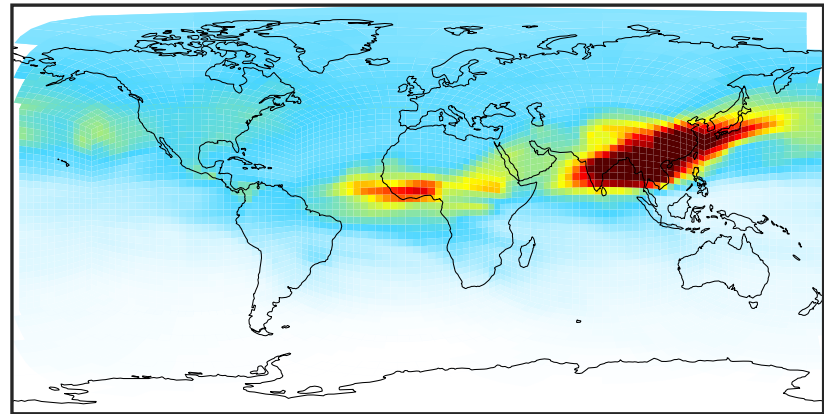
SpeciesConcVV_CO_50 (Oct2019)

GCC 14.2.2 (Ref)
4.0x5.0



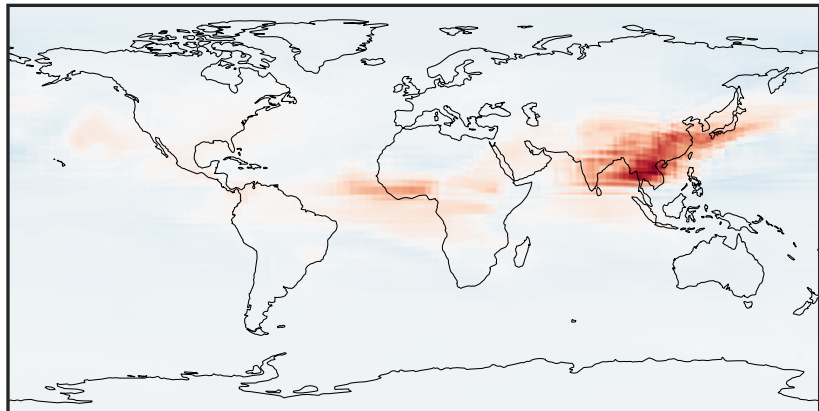
2.02 19.39 36.76 54.13 71.50
ppb

GCHP 14.2.2 using mass flux (Dev)
c30



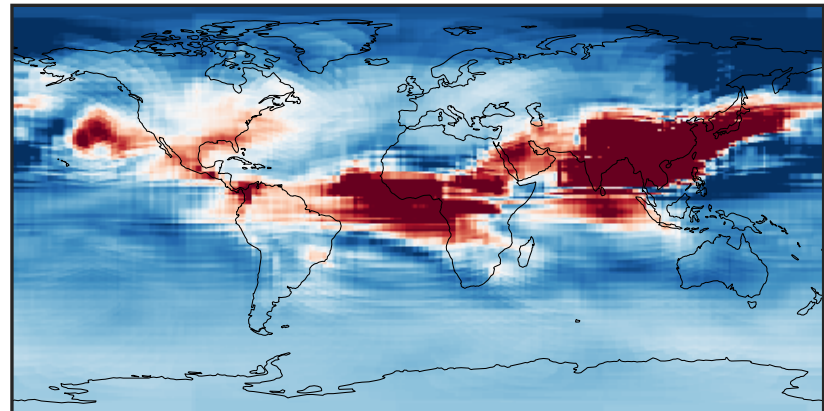
2.02 19.39 36.76 54.13 71.50
ppb

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



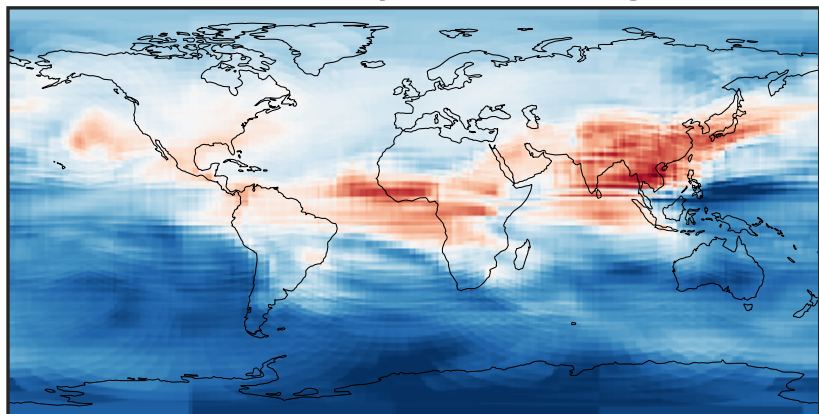
-30 0 30
ppb

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



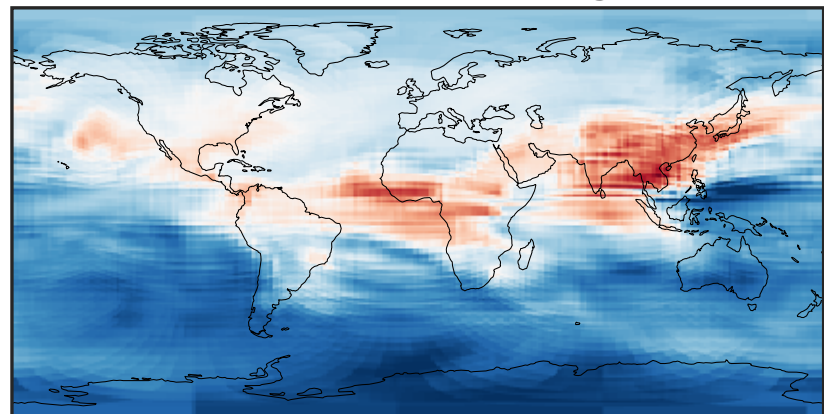
-4.74 -2.37 0.00 2.37 4.74
ppb

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



0.511 0.755 1.000 1.479 1.958
unitless

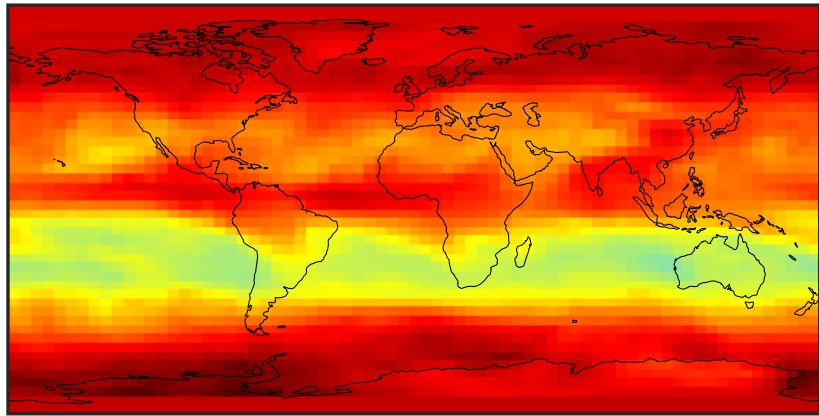
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

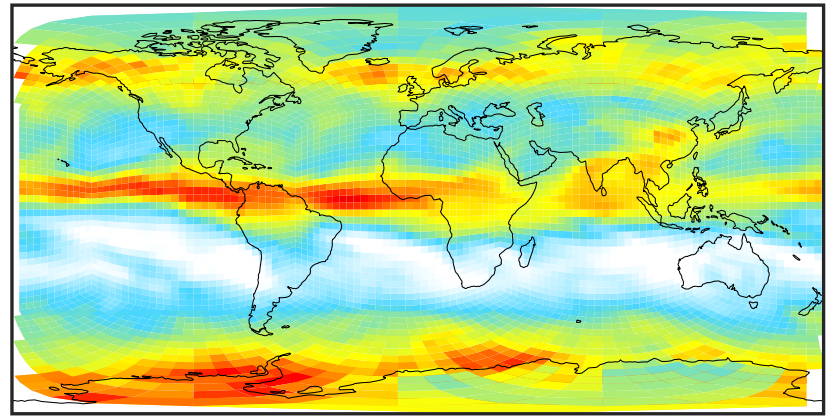
SpeciesConcVV_e90 (Oct2019)

GCC 14.2.2 (Ref)
4.0x5.0



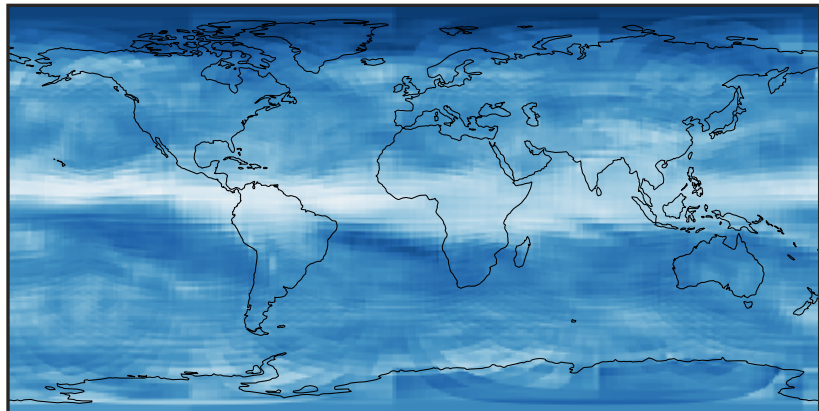
48.59 58.46 68.33 78.19 88.06
ppb

GCHP 14.2.2 using mass flux (Dev)
c30



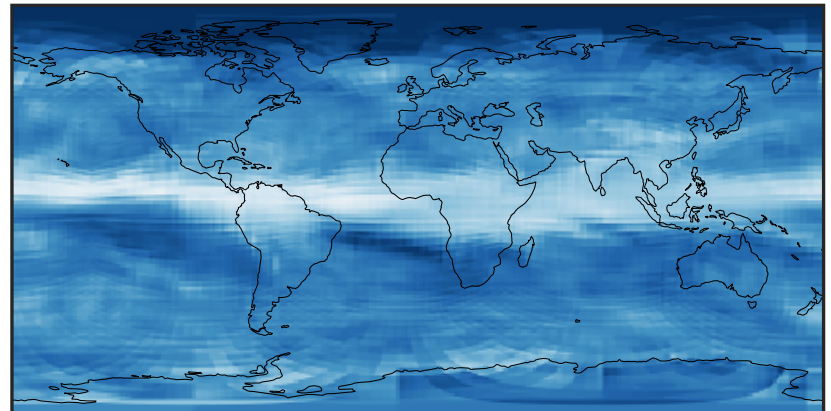
48.59 58.46 68.33 78.19 88.06
ppb

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



-21.90 -10.95 0.00 10.95 21.90
ppb

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



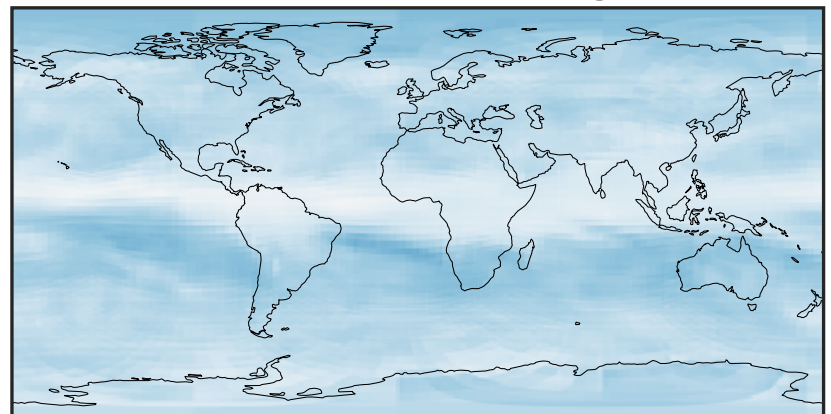
-19.71 -9.86 0.00 9.86 19.71
ppb

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



0.98564 0.99282 1.00000 1.00728 1.01457
unitless

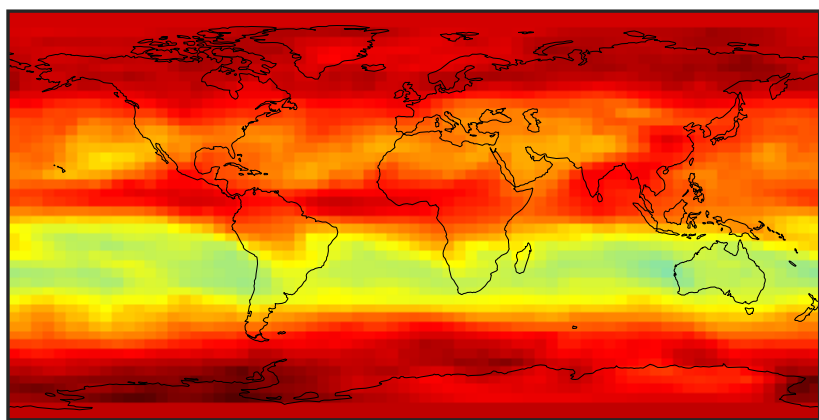
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

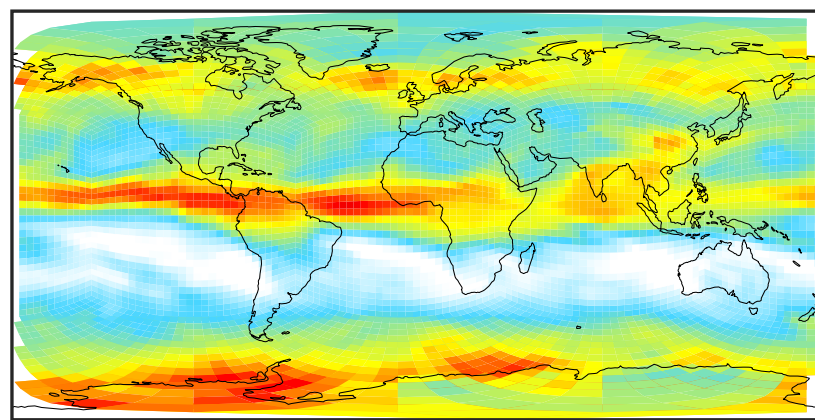
SpeciesConcVV_e90_n (Oct2019)

GCC 14.2.2 (Ref)
4.0x5.0



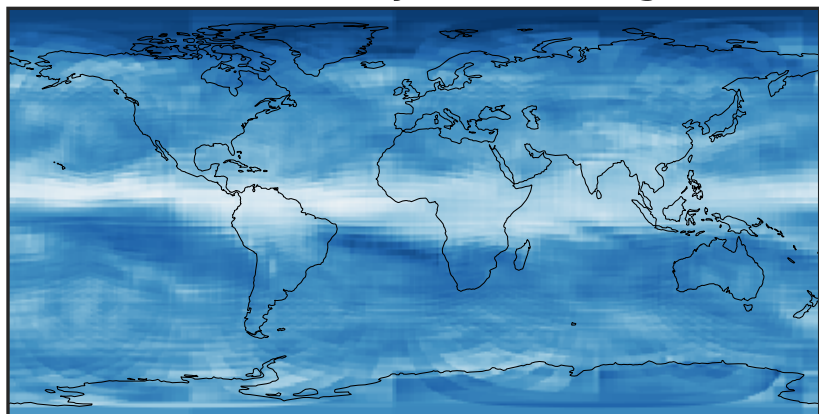
48.59 58.46 68.33 78.19 88.06
ppb

GCHP 14.2.2 using mass flux (Dev)
c30



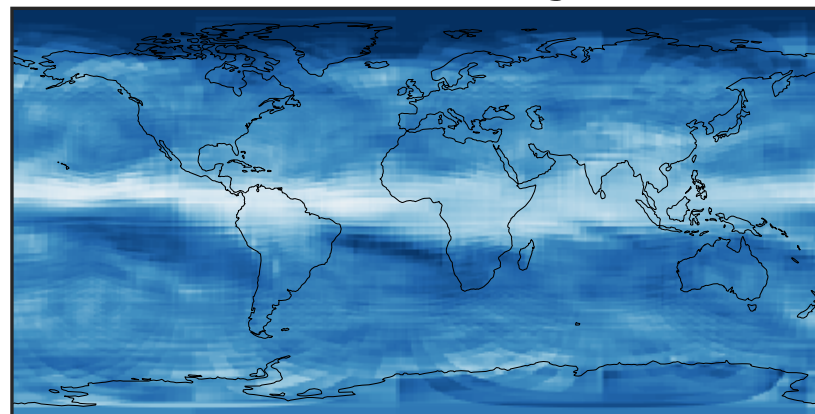
48.59 58.46 68.33 78.19 88.06
ppb

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



-21.90 -10.95 0.00 10.95 21.90
ppb

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



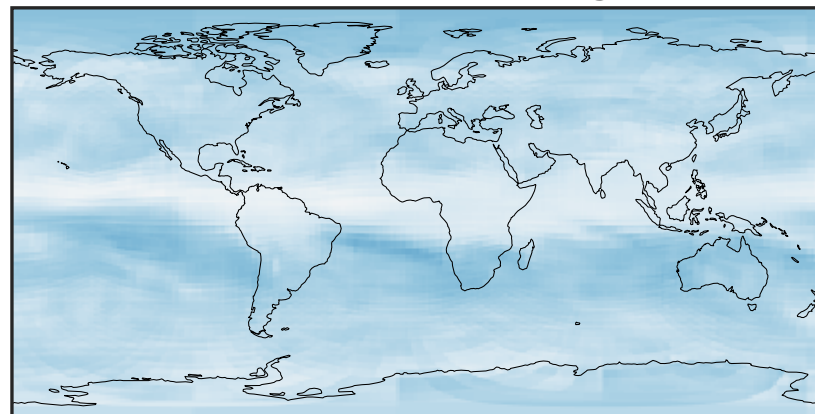
-19.71 -9.86 0.00 9.86 19.71
ppb

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



0.98564 0.99282 1.00000 1.00728 1.01457
unitless

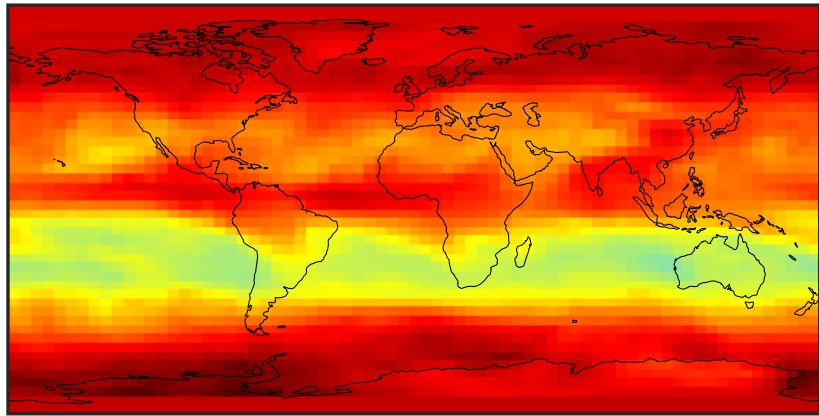
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

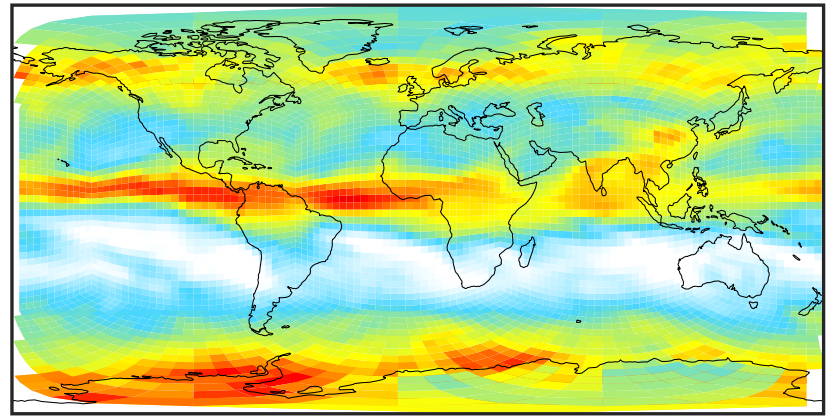
SpeciesConcVV_e90_s (Oct2019)

GCC 14.2.2 (Ref)
4.0x5.0



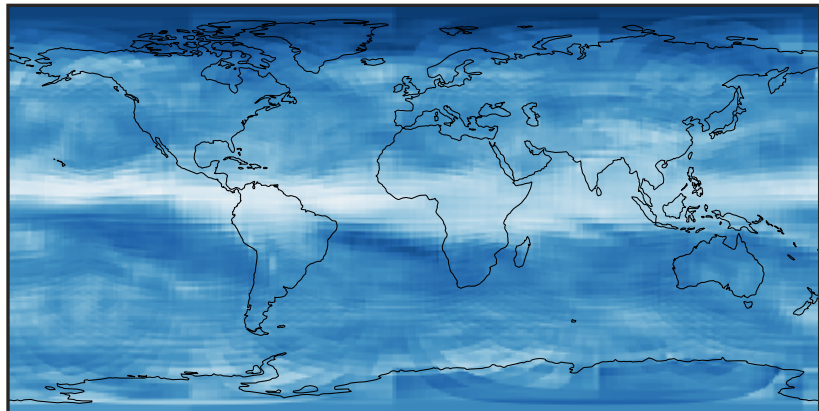
48.59 58.46 68.33 78.19 88.06
ppb

GCHP 14.2.2 using mass flux (Dev)
c30



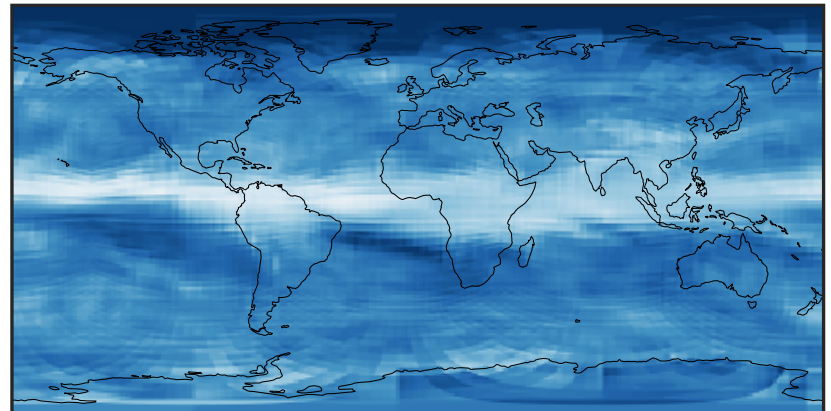
48.59 58.46 68.33 78.19 88.06
ppb

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



-21.90 -10.95 0.00 10.95 21.90
ppb

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



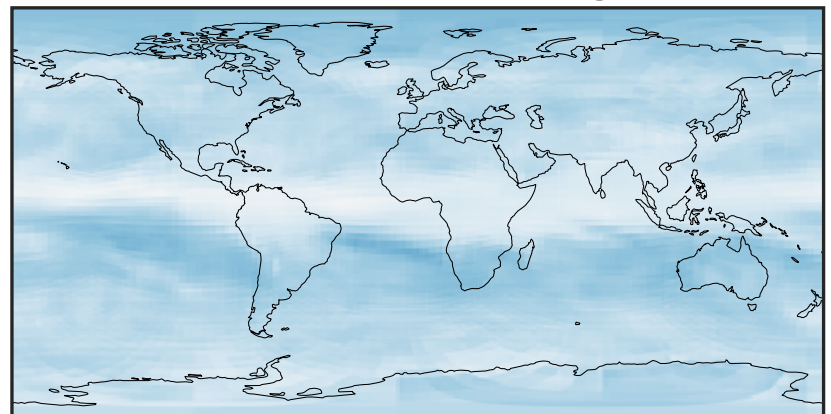
-19.71 -9.86 0.00 9.86 19.71
ppb

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



0.98564 0.99282 1.00000 1.00728 1.01457
unitless

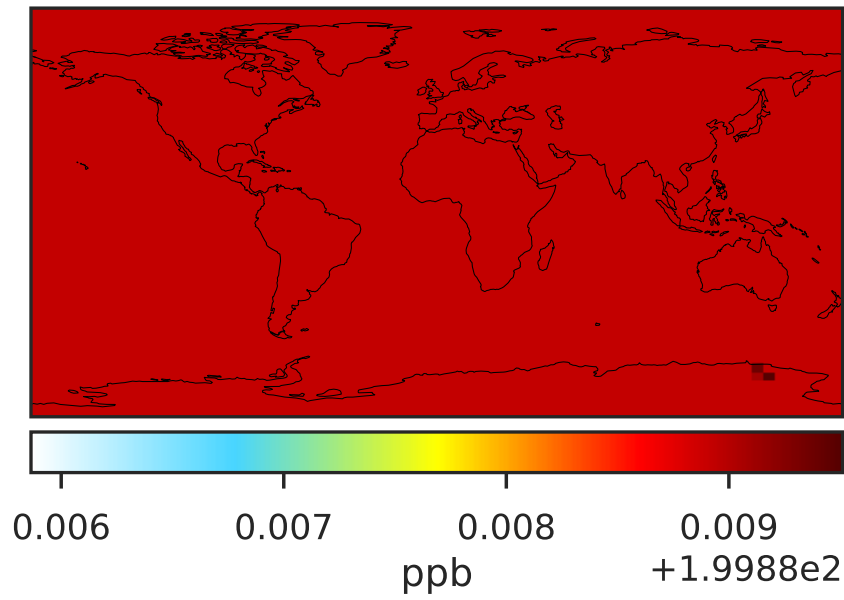
Ratio (1x1.25)
Dev/Ref, Fixed Range



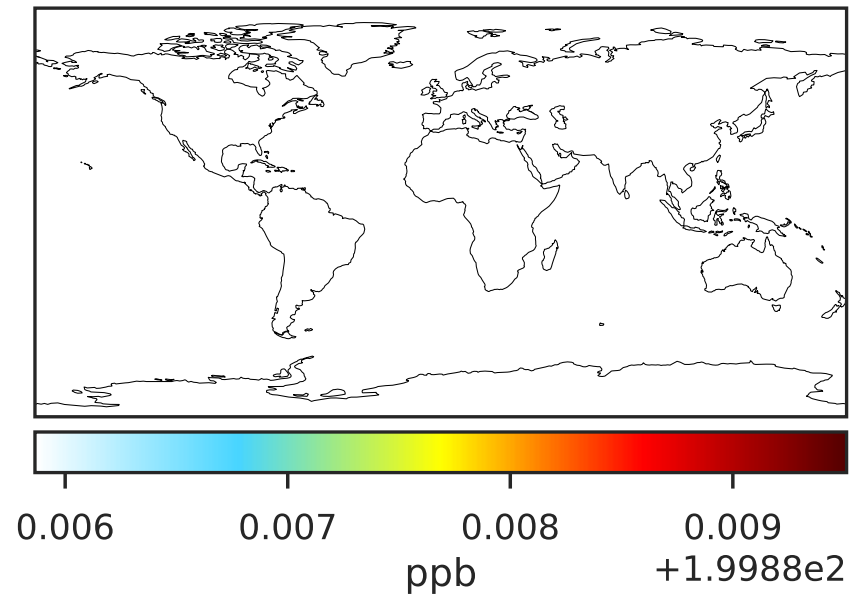
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_st80_25 (Oct2019)

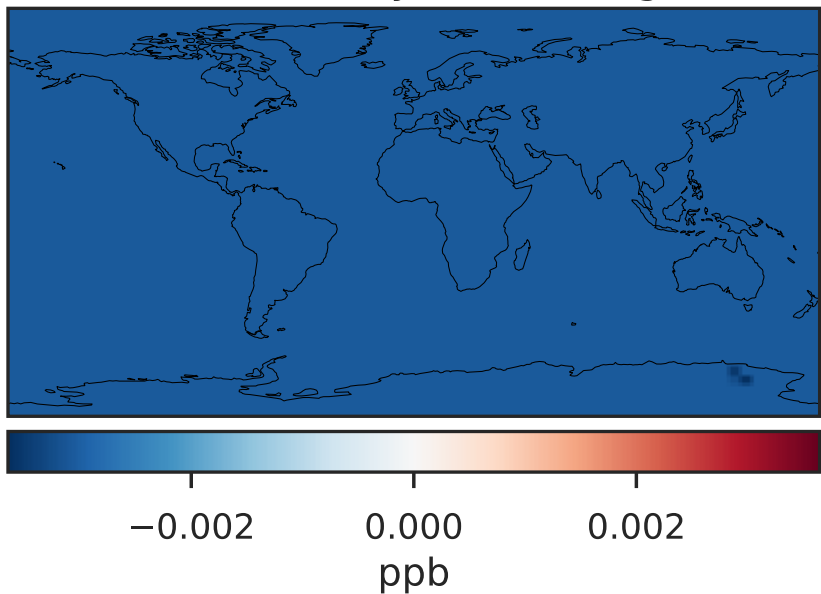
GCC 14.2.2 (Ref)
4.0x5.0



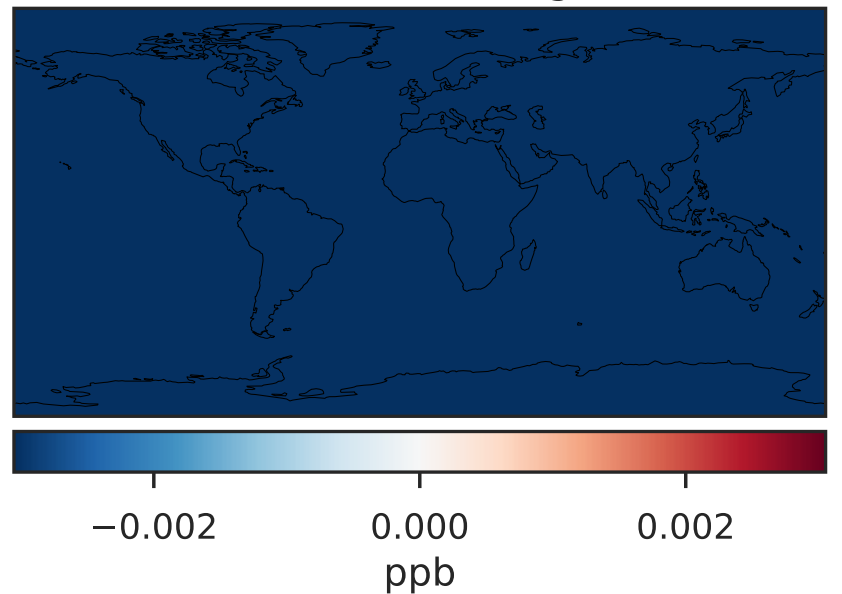
GCHP 14.2.2 using mass flux (Dev)
c30



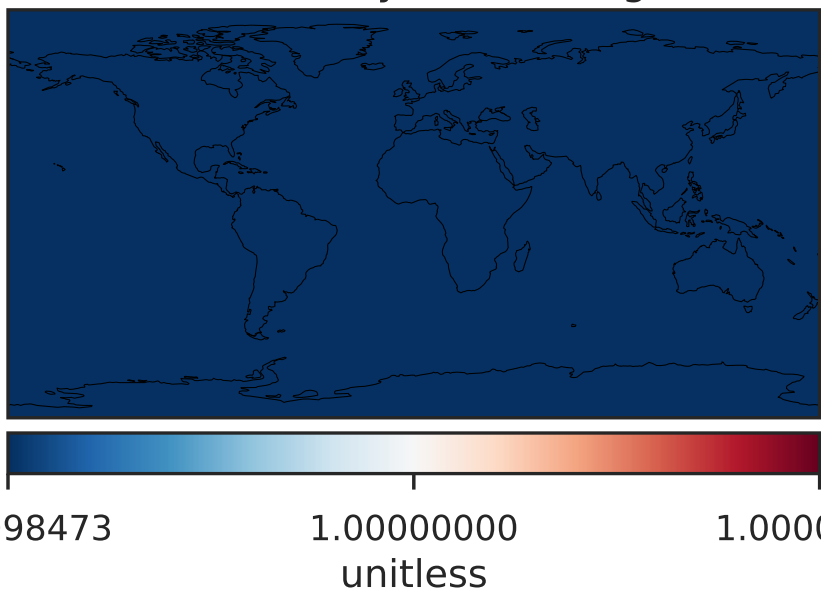
Difference (1x1.25)
Dev - Ref, Dynamic Range



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



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



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

