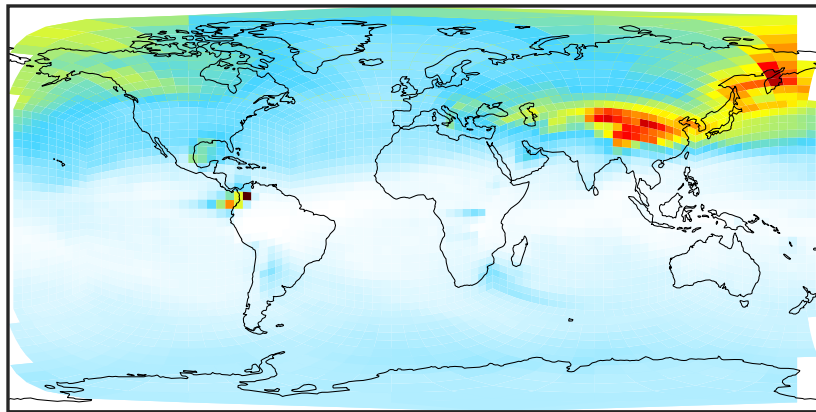


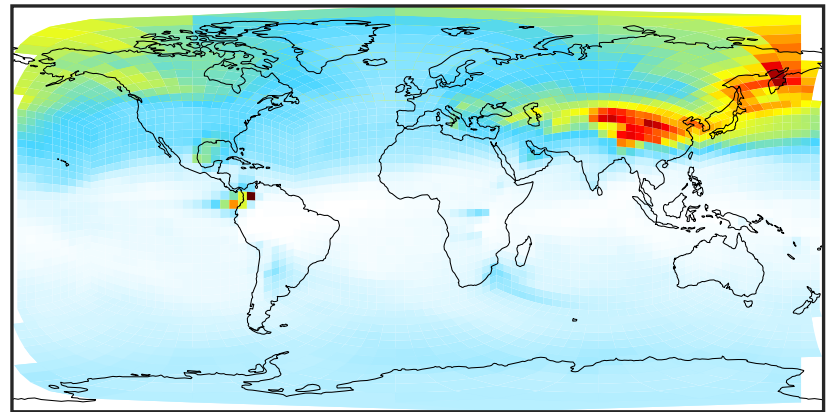
SpeciesConcVV_SOx (Apr2019)

GCHP_14.0.0 (Ref)
c24



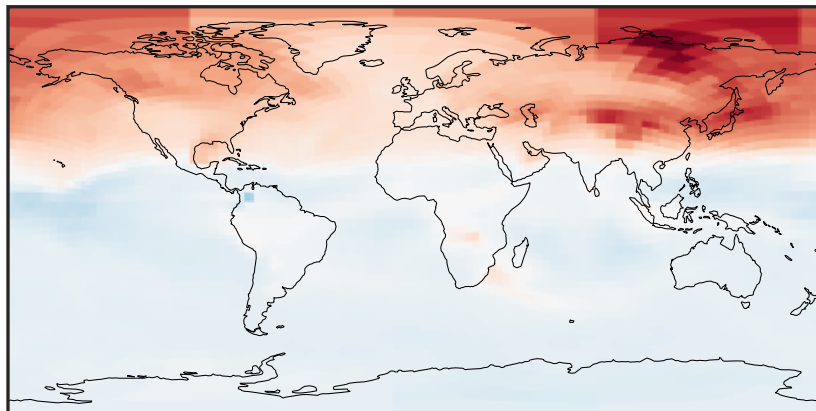
0.0019 0.0853 0.1706 0.2559 0.3431
ppb

GCHP_14.2.0 (Dev)
c24



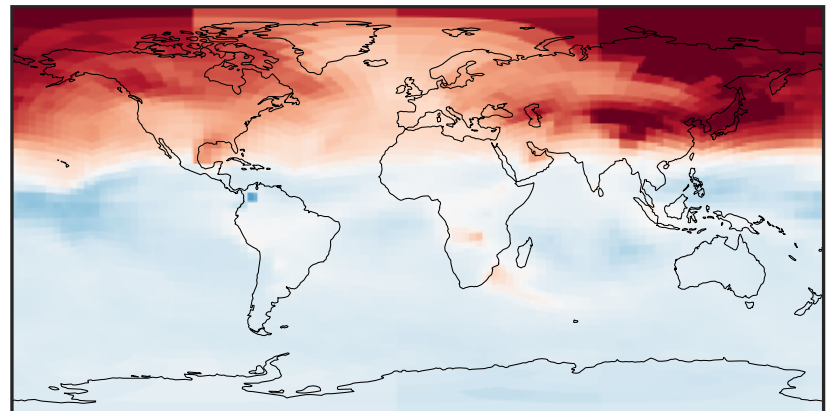
0.0019 0.0853 0.1706 0.2559 0.3431
ppb

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



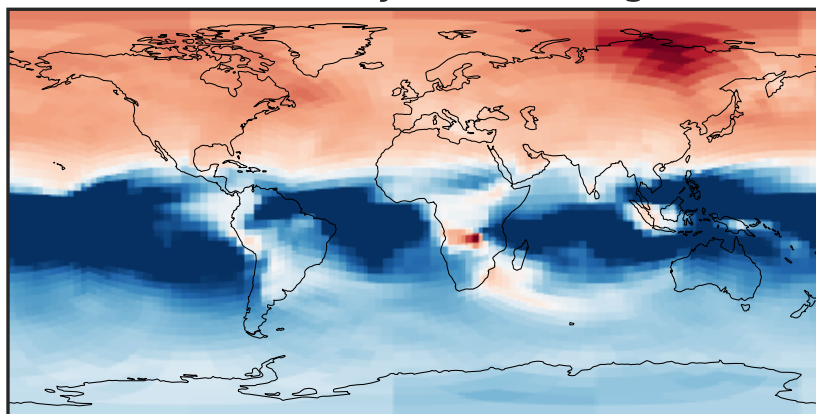
-0.01 0.00 0.01
ppb

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



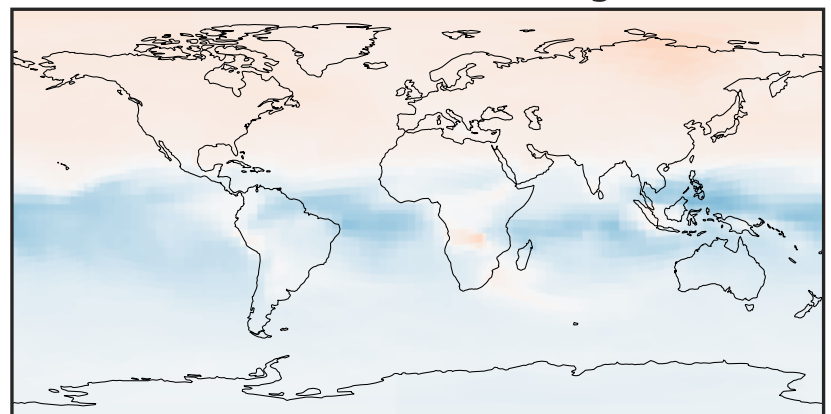
-0.006 0.000 0.006
ppb

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



0.8675 0.9337 1.0000 1.0764 1.1528
unitless

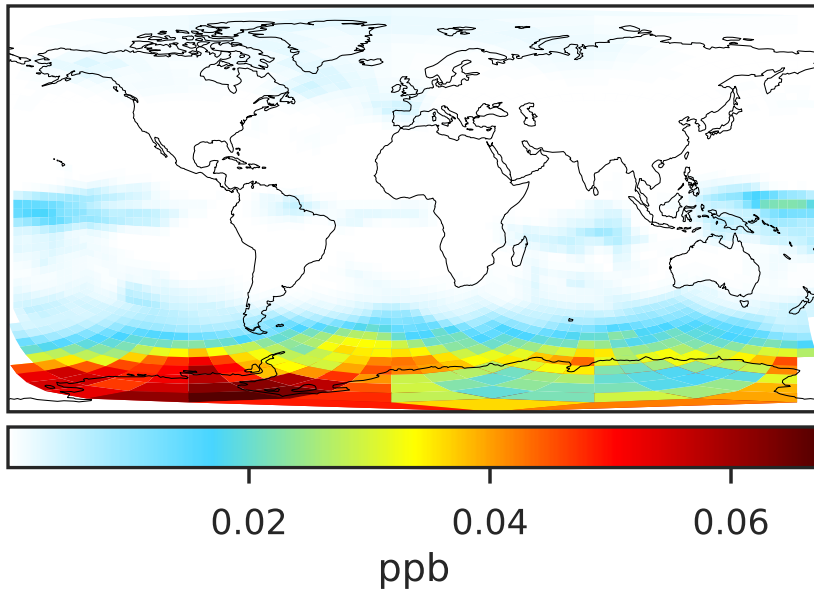
Ratio (1x1.25)
Dev/Ref, Fixed Range



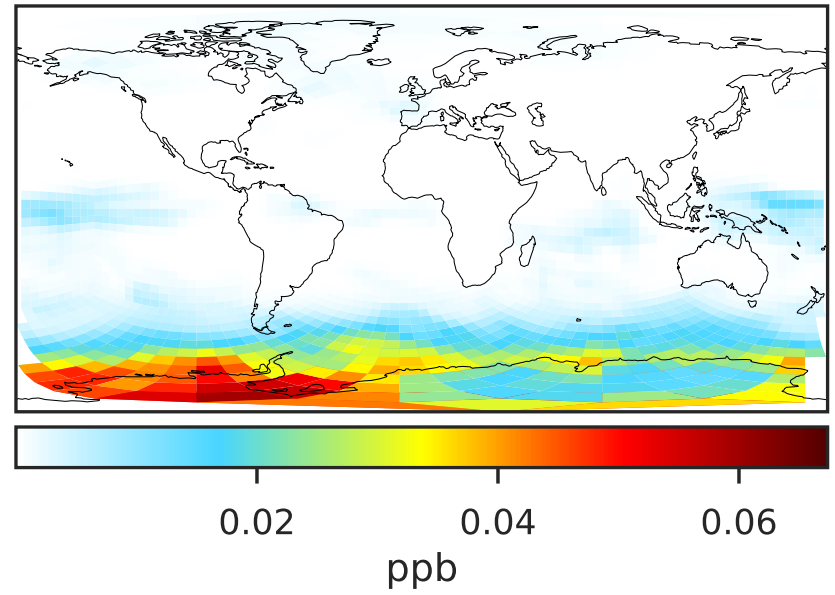
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_DMS (Apr2019)

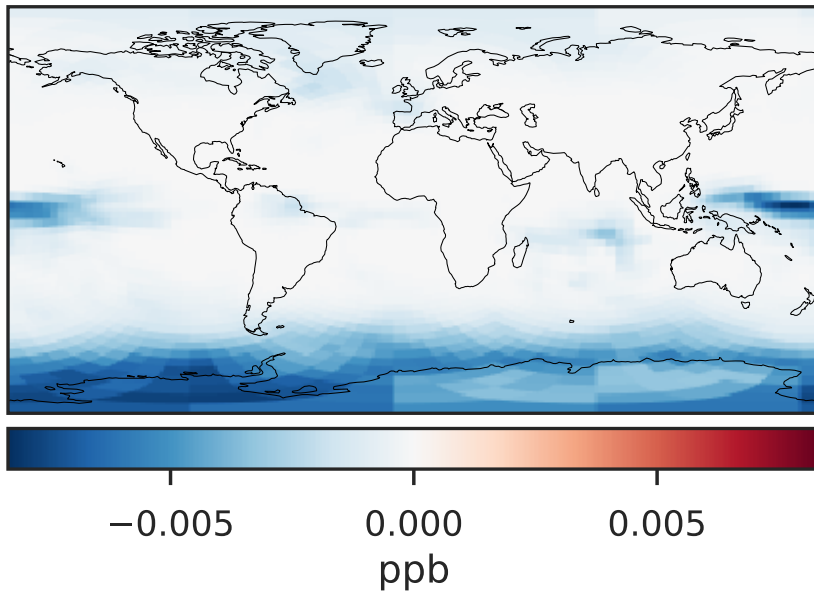
GCHP_14.0.0 (Ref)
c24



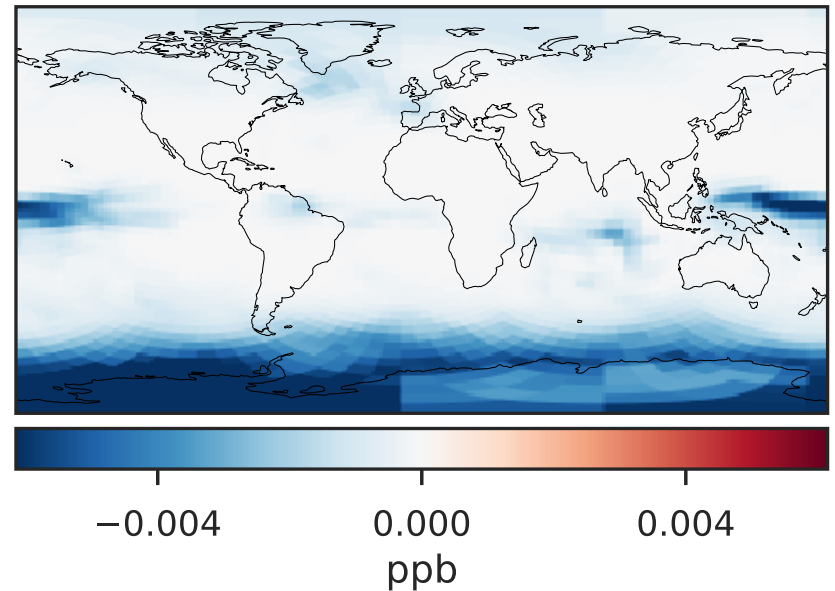
GCHP_14.2.0 (Dev)
c24



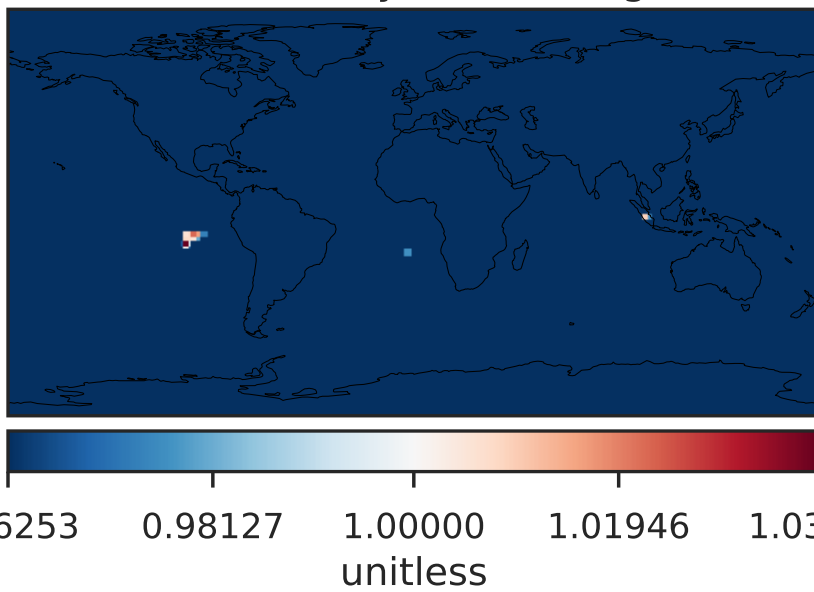
Difference (1x1.25)
Dev - Ref, Dynamic Range



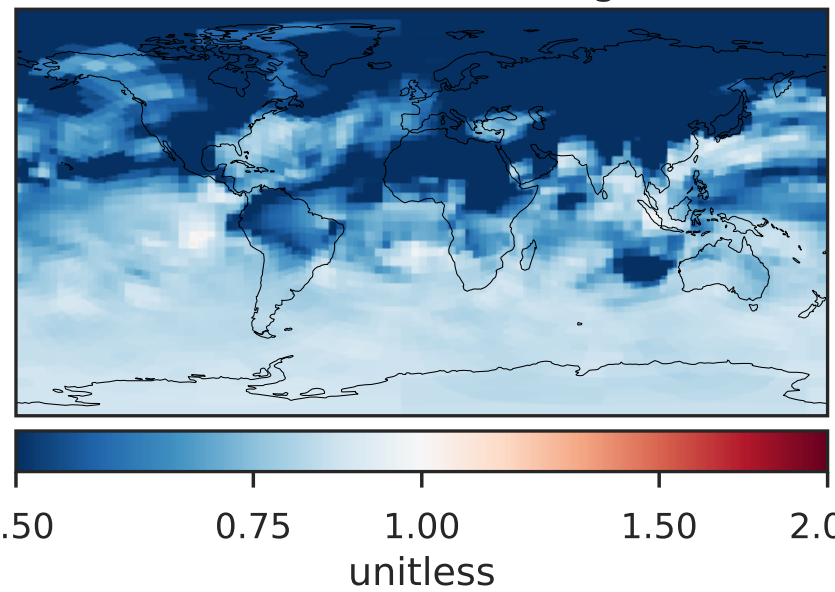
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

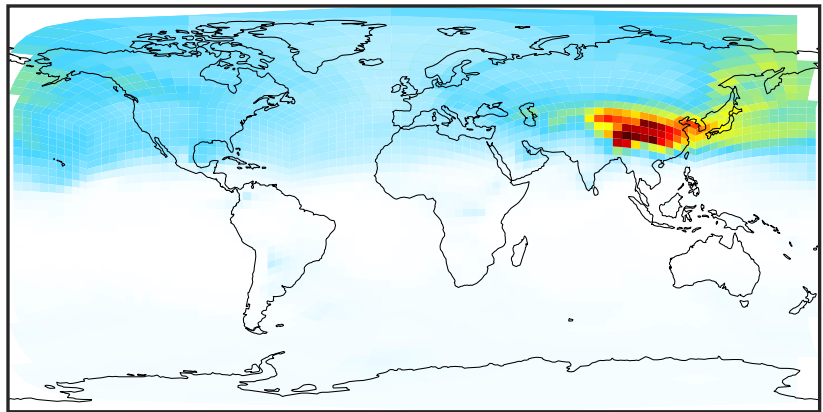


Ratio (1x1.25)
Dev/Ref, Fixed Range



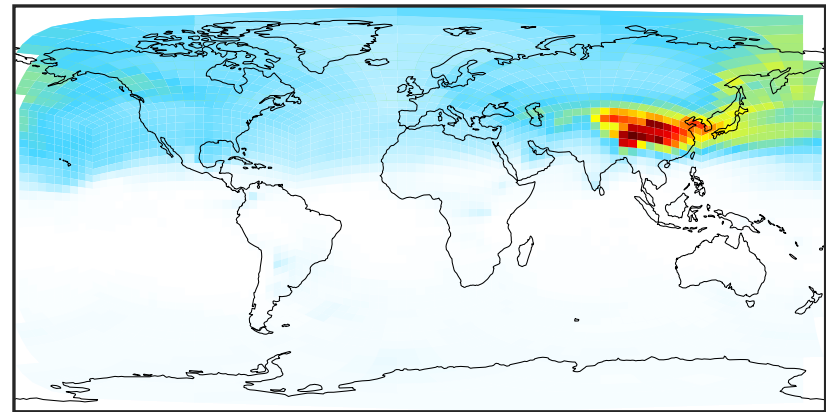
SpeciesConcVV_HMS (Apr2019)

GCHP_14.0.0 (Ref)
c24



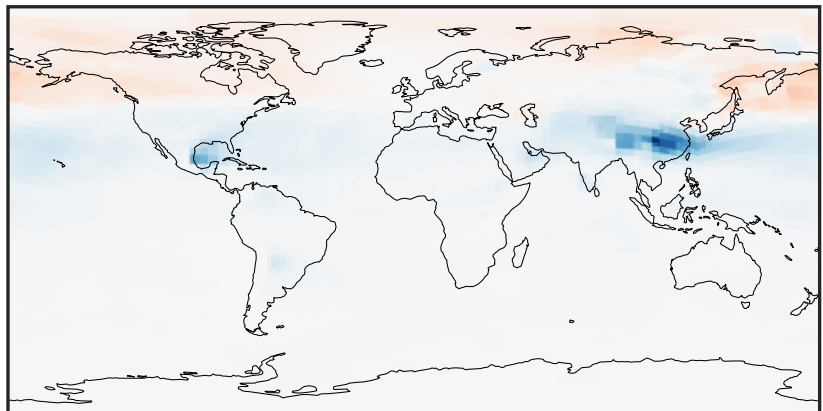
0.008 0.016 0.024
ppb

GCHP_14.2.0 (Dev)
c24



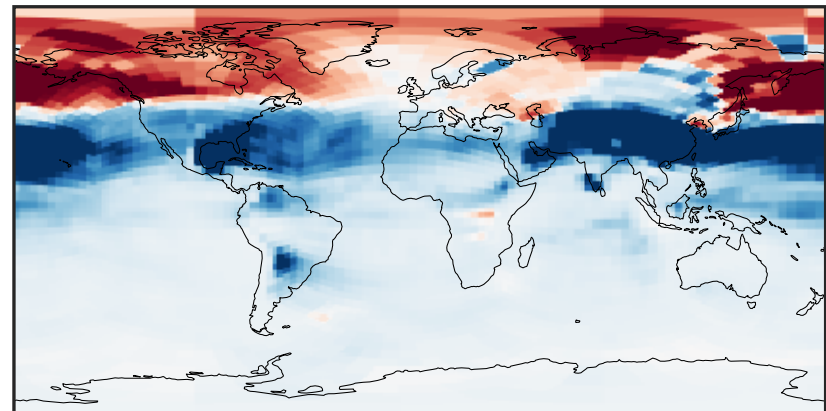
0.008 0.016 0.024
ppb

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



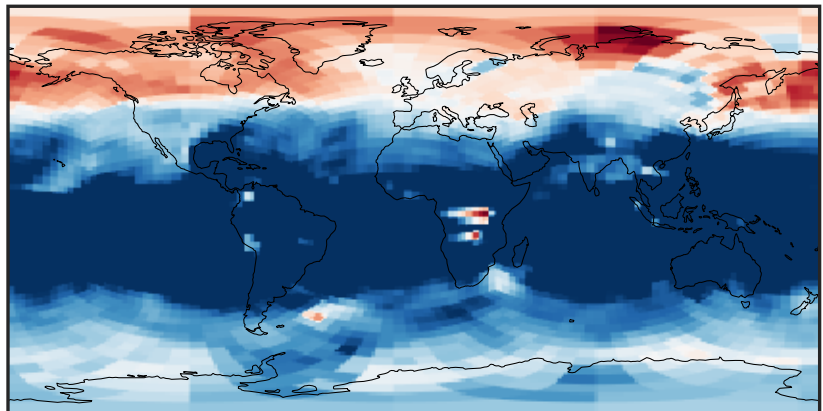
-0.0006 0.0000 0.0006
ppb

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



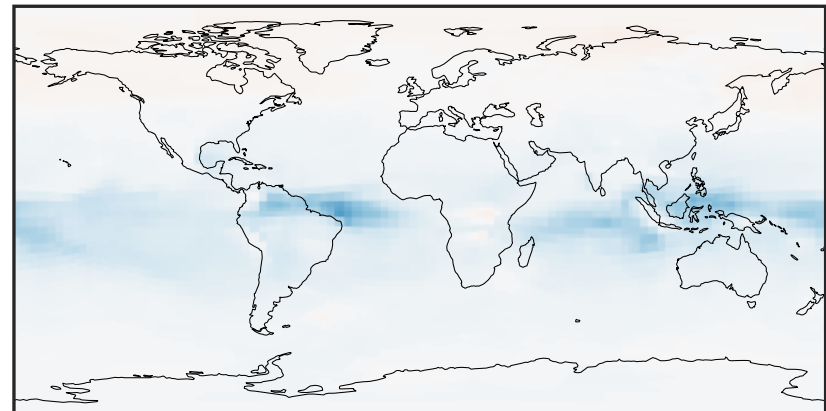
-6 0 6
ppb 1e-5

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



0.96369 0.98185 1.00000 1.01884 1.03768
unitless

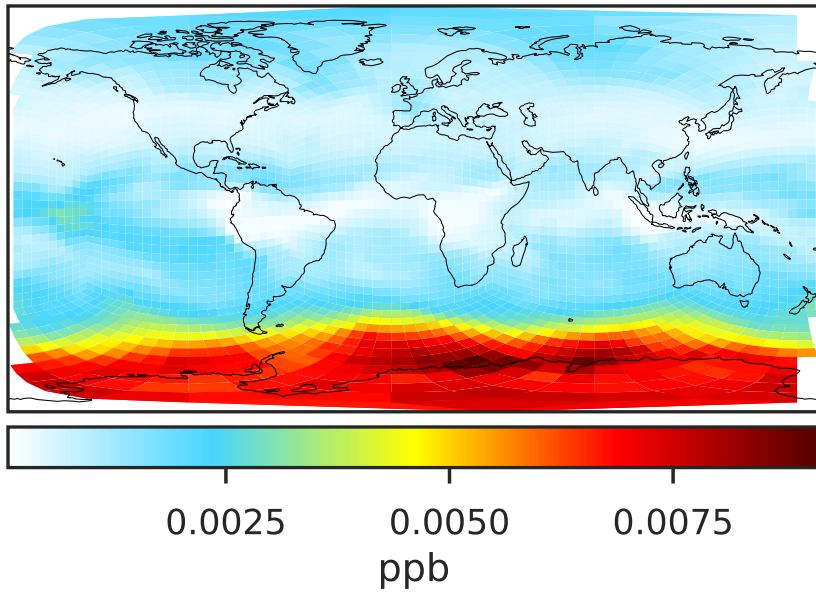
Ratio (1x1.25)
Dev/Ref, Fixed Range



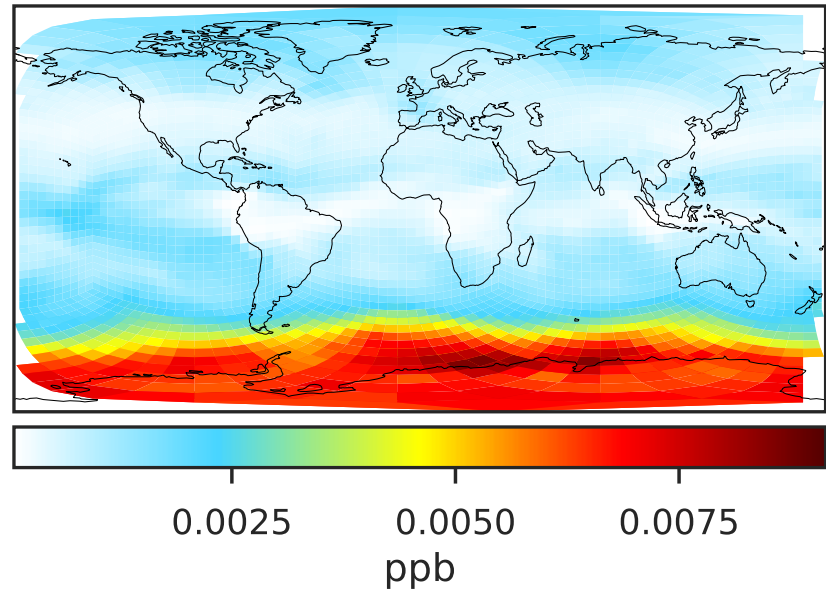
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVW_MSA (Apr2019)

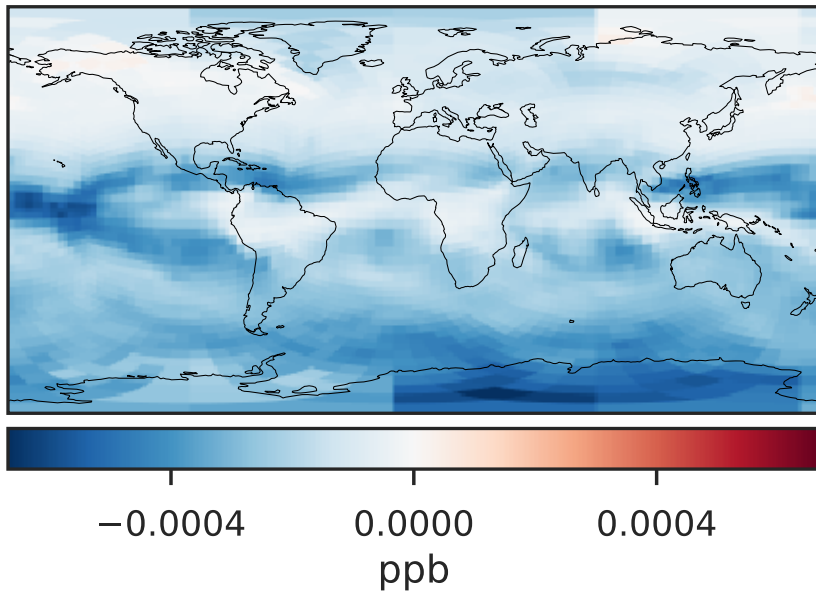
GCHP_14.0.0 (Ref)
c24



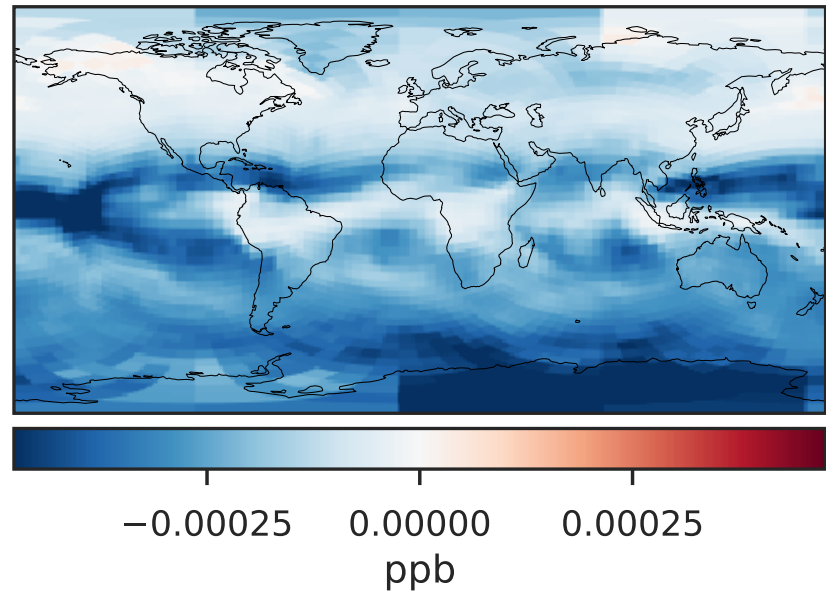
GCHP_14.2.0 (Dev)
c24



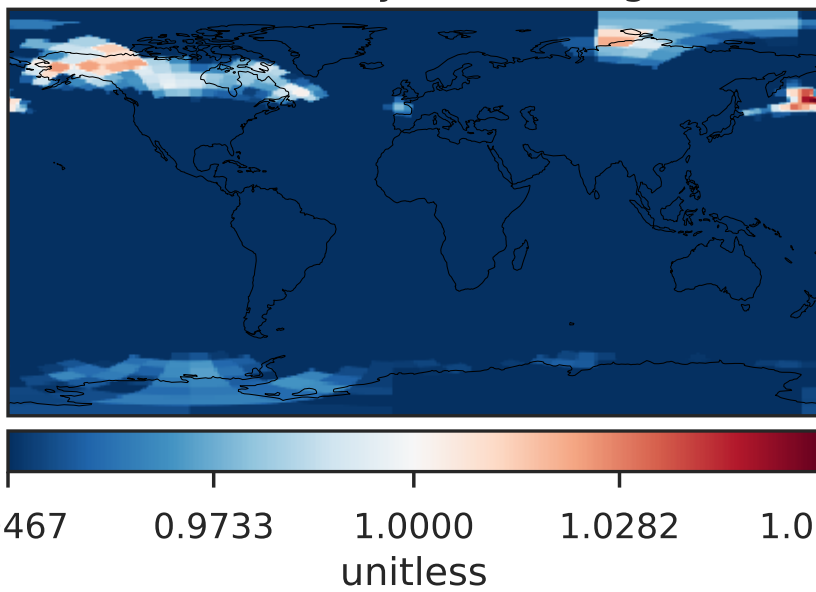
Difference (1x1.25)
Dev - Ref, Dynamic Range



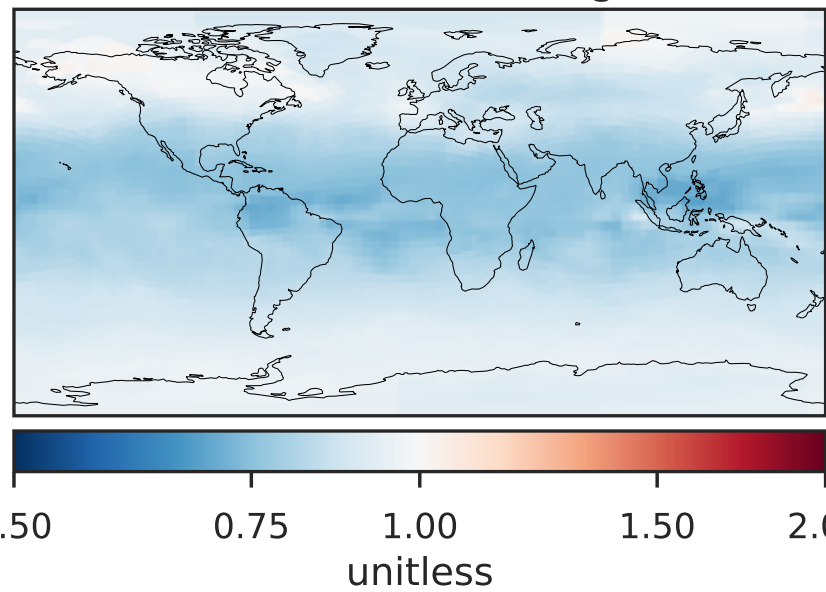
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

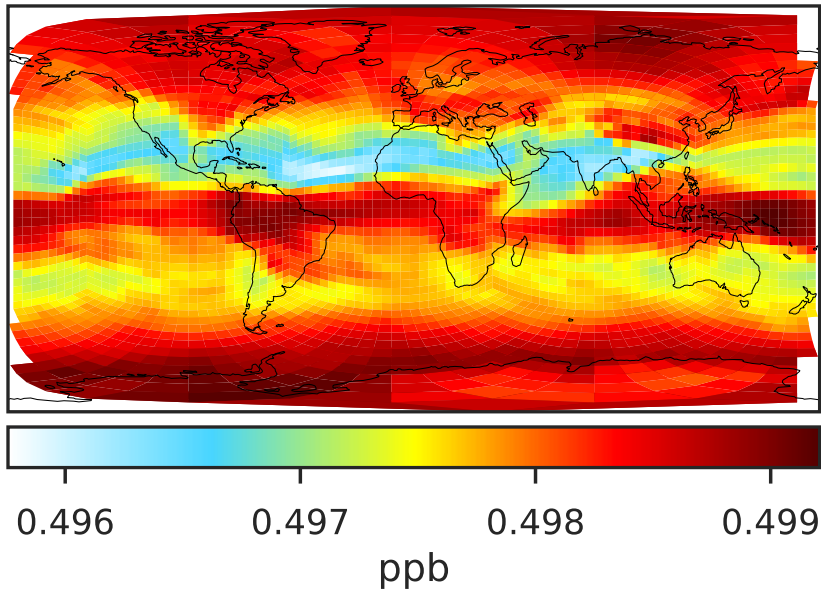


Ratio (1x1.25)
Dev/Ref, Fixed Range

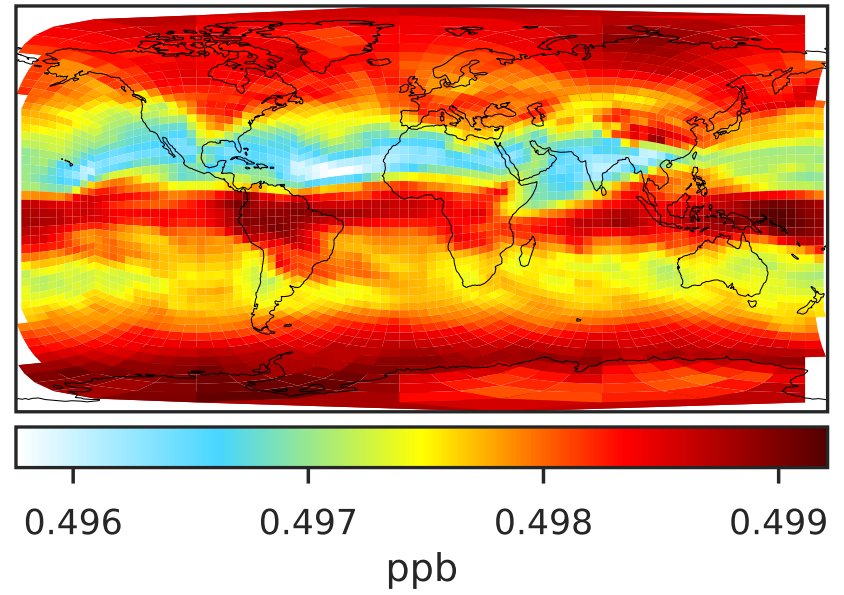


SpeciesConcVV_OCS (Apr2019)

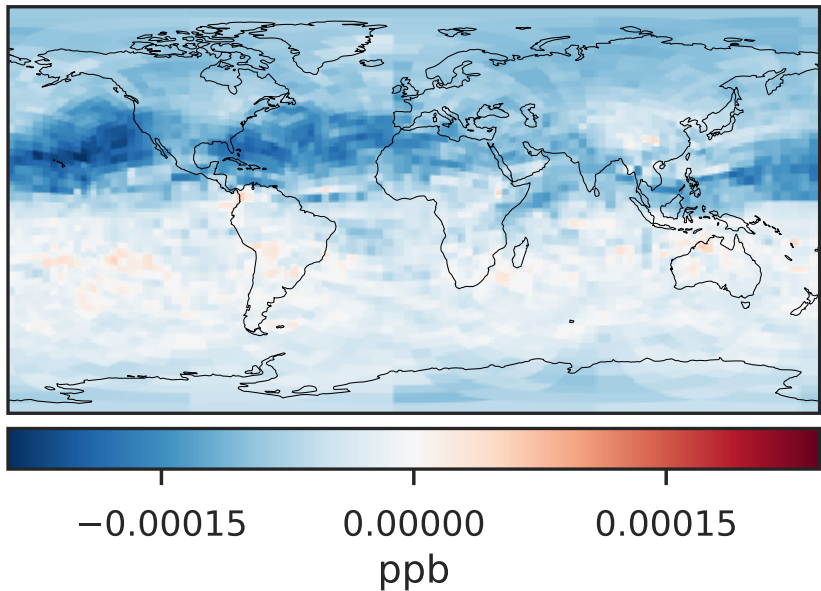
GCHP_14.0.0 (Ref)
c24



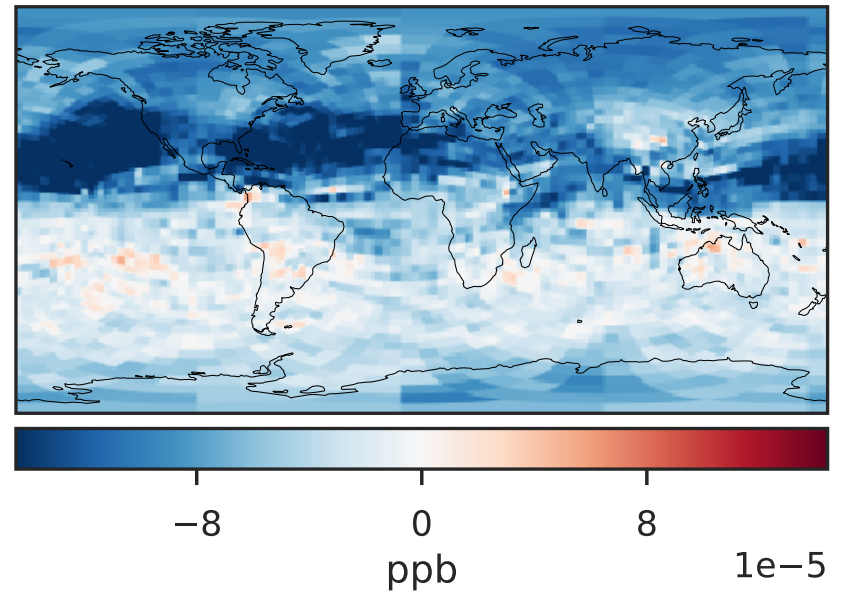
GCHP_14.2.0 (Dev)
c24



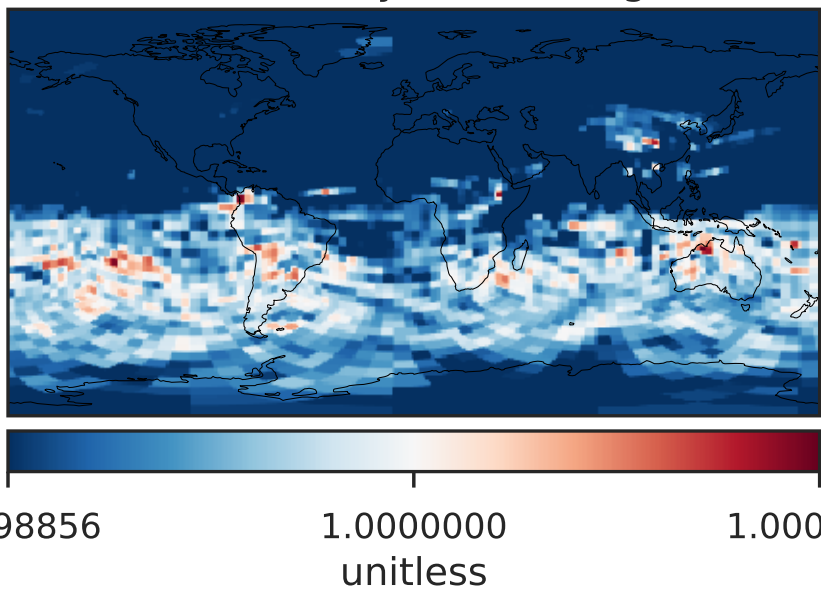
Difference (1x1.25)
Dev - Ref, Dynamic Range



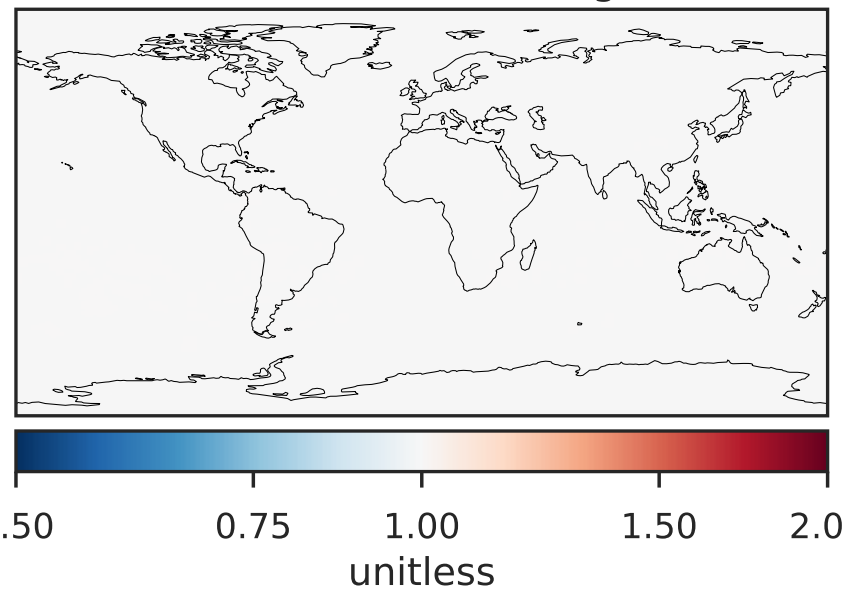
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

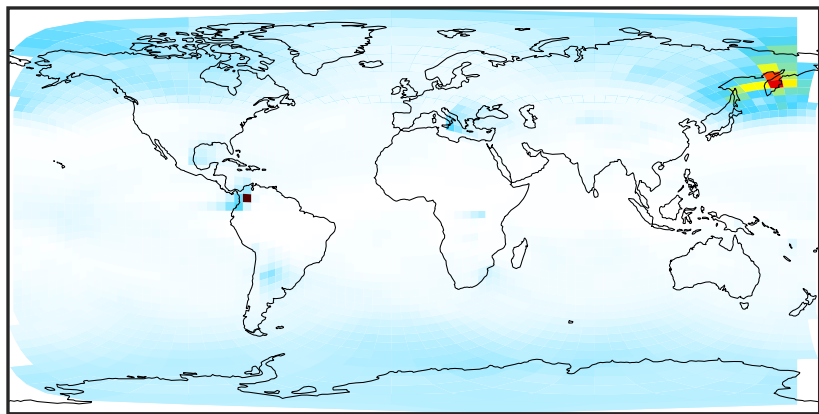


Ratio (1x1.25)
Dev/Ref, Fixed Range



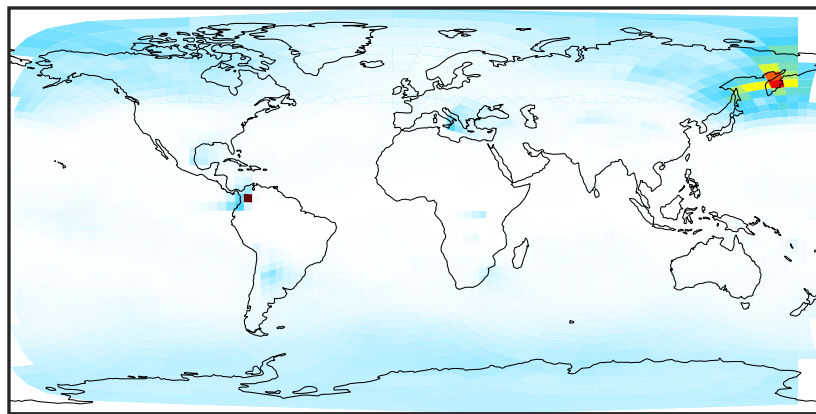
SpeciesConcVV_SO2 (Apr2019)

GCHP_14.0.0 (Ref)
c24



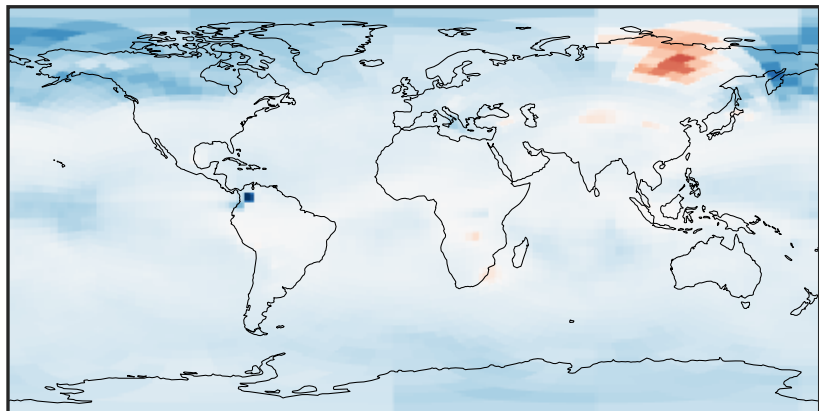
0.0001 0.0572 0.1143 0.1715 0.2288
ppb

GCHP_14.2.0 (Dev)
c24



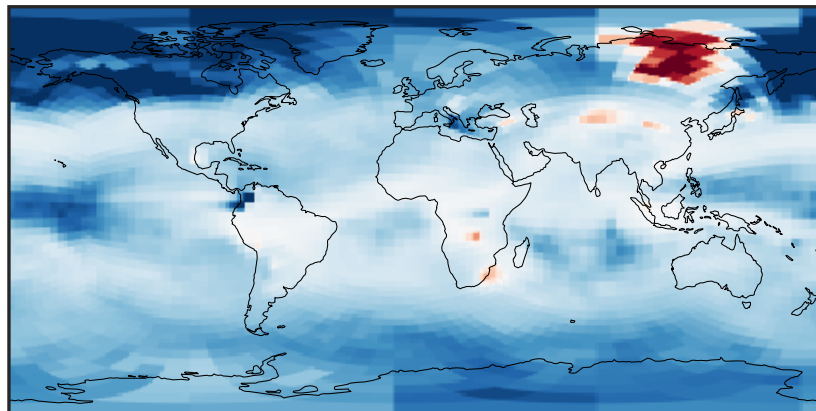
0.0001 0.0572 0.1143 0.1715 0.2288
ppb

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



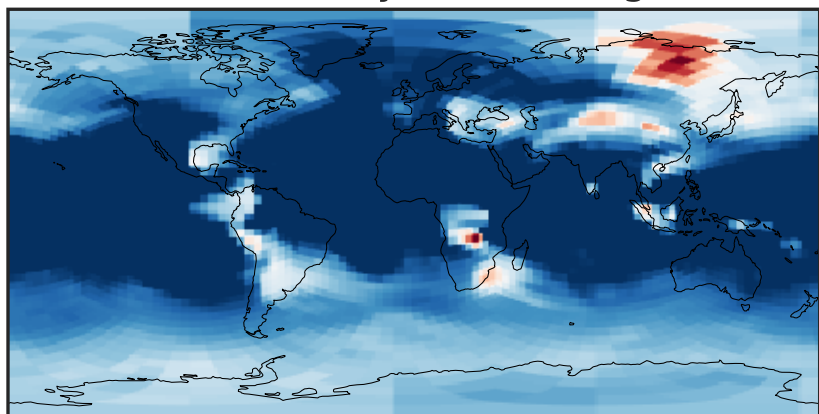
-0.004 0.000 0.004
ppb

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



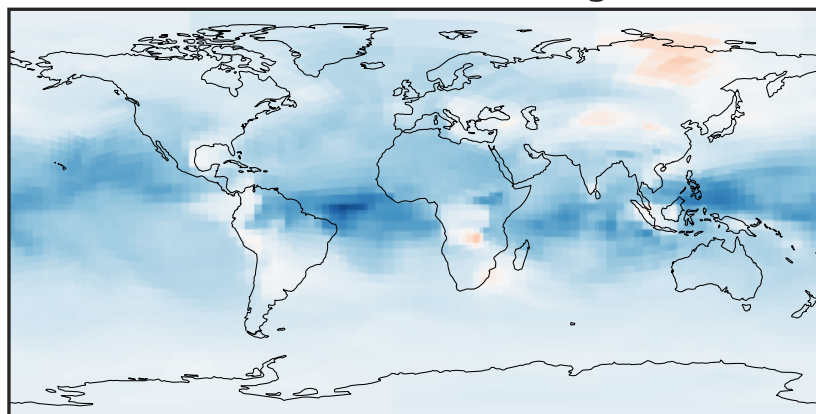
-0.0015 0.0000 0.0015
ppb

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



0.8370 0.9185 1.0000 1.0974 1.1947
unitless

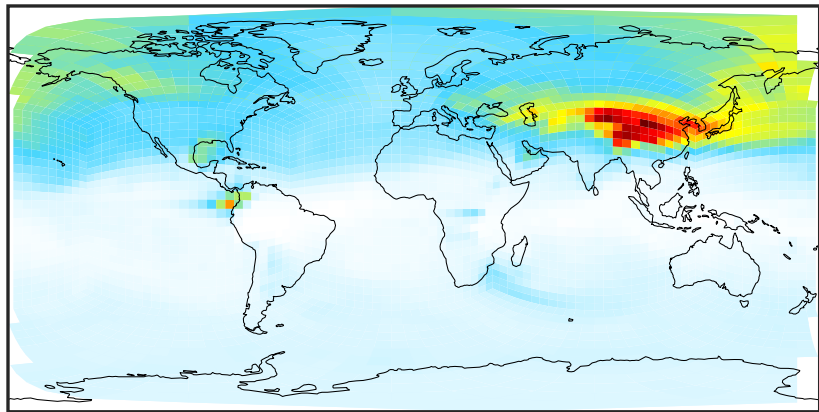
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

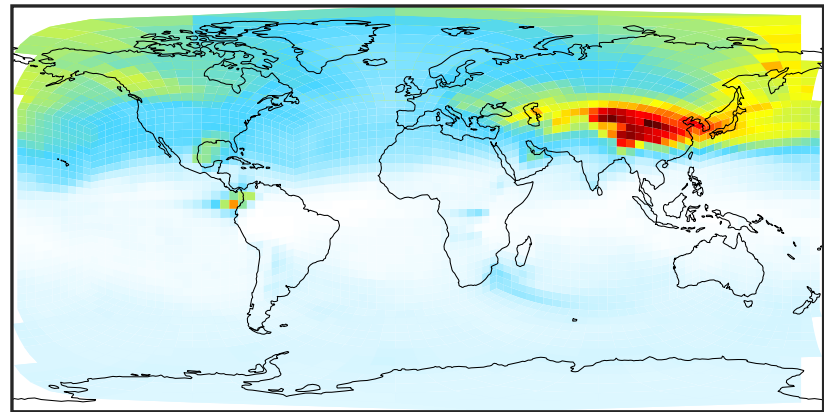
SpeciesConcVV_SO4 (Apr2019)

GCHP_14.0.0 (Ref)
c24



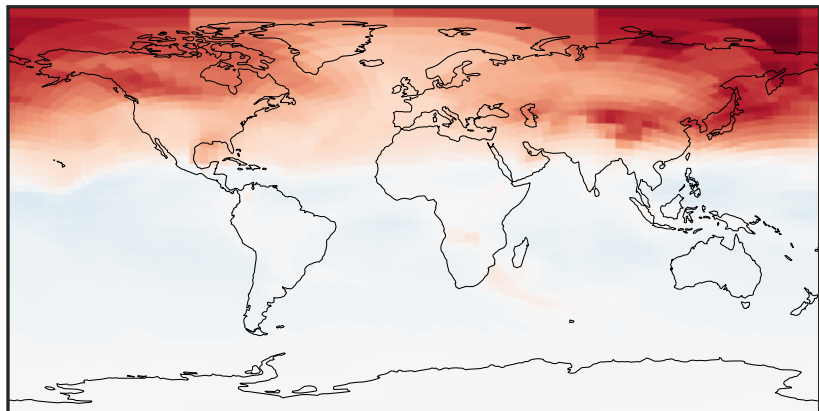
0.0017 0.0711 0.1421 0.2132 0.2859
ppb

GCHP_14.2.0 (Dev)
c24



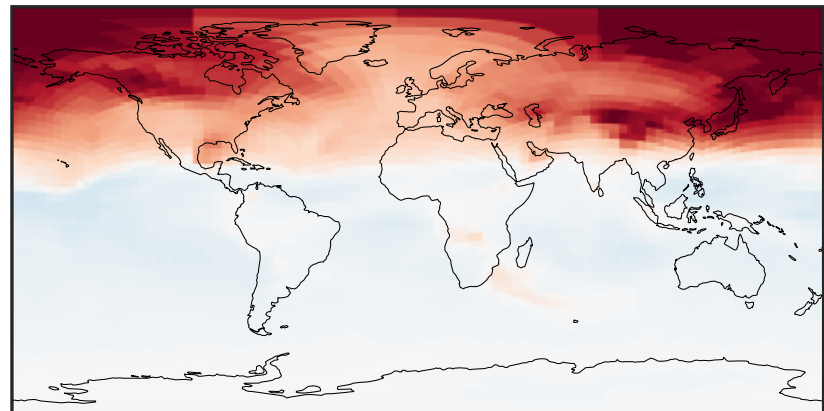
0.0017 0.0711 0.1421 0.2132 0.2859
ppb

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



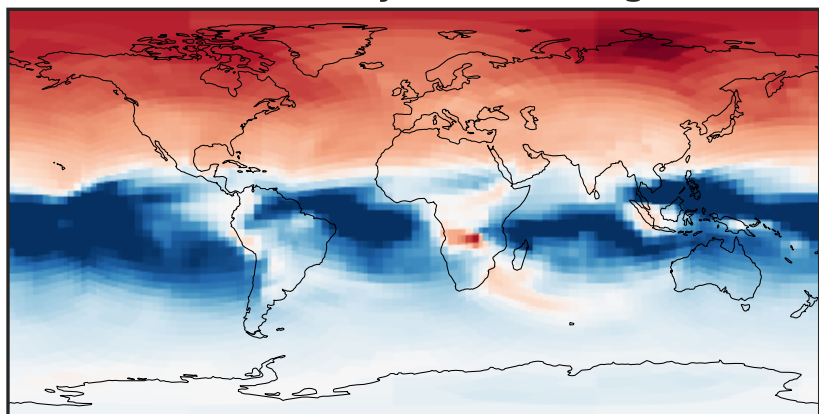
-0.008 0.000 0.008
ppb

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



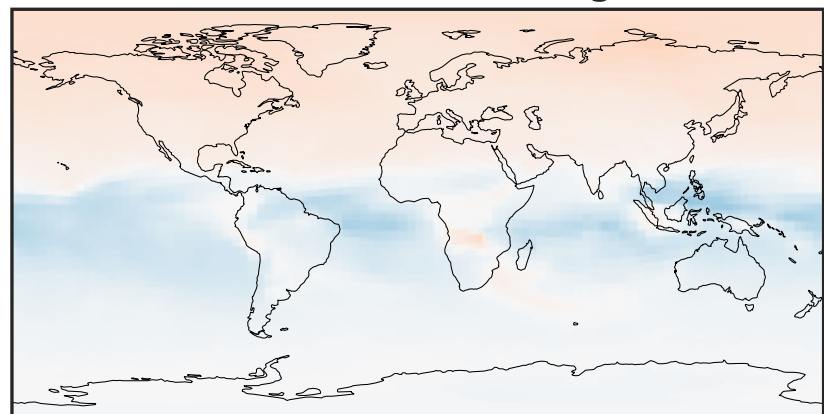
-0.006 0.000 0.006
ppb

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



0.8634 0.9317 1.0000 1.0791 1.1582
unitless

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



0.50 0.75 1.00 1.50 2.00
unitless