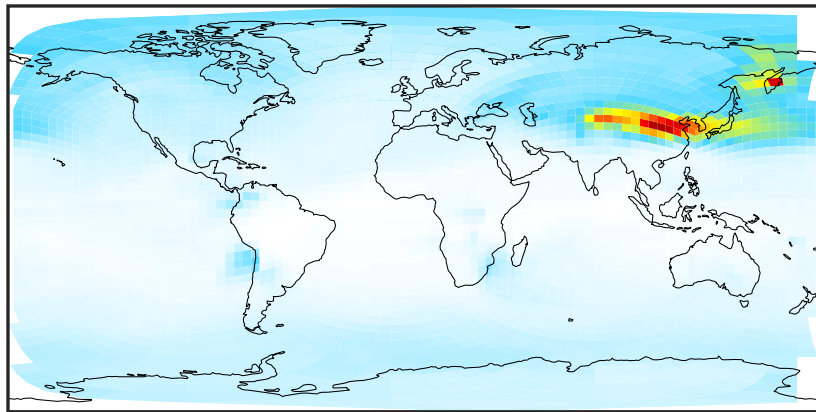


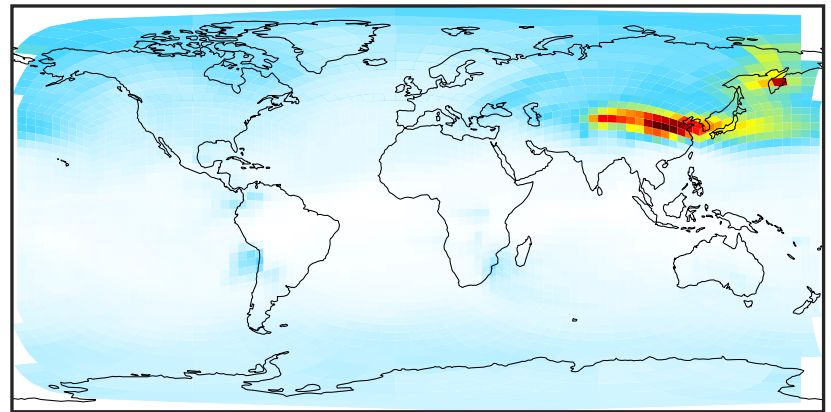
SpeciesConcVV_SOx (Jan2019)

GCHP_14.0.0 (Ref)
c24



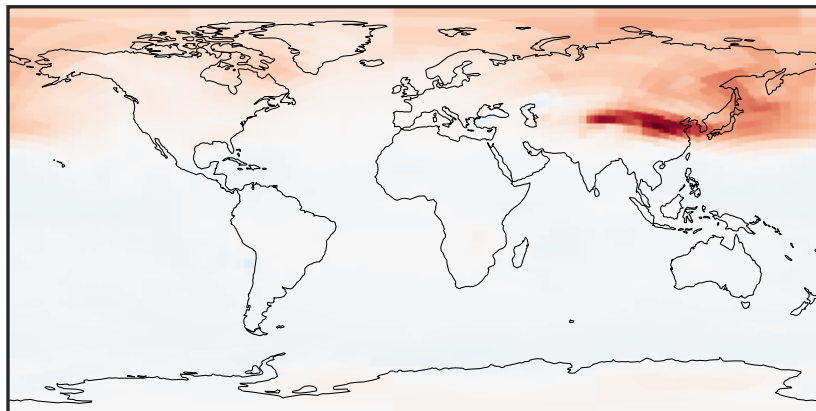
0.0026 0.1699 0.3397 0.5096 0.6821
ppb

GCHP_14.2.0 (Dev)
c24



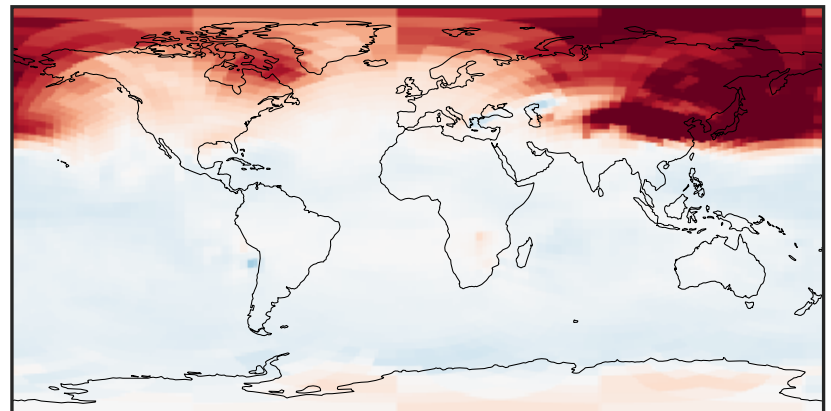
0.0026 0.1699 0.3397 0.5096 0.6821
ppb

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



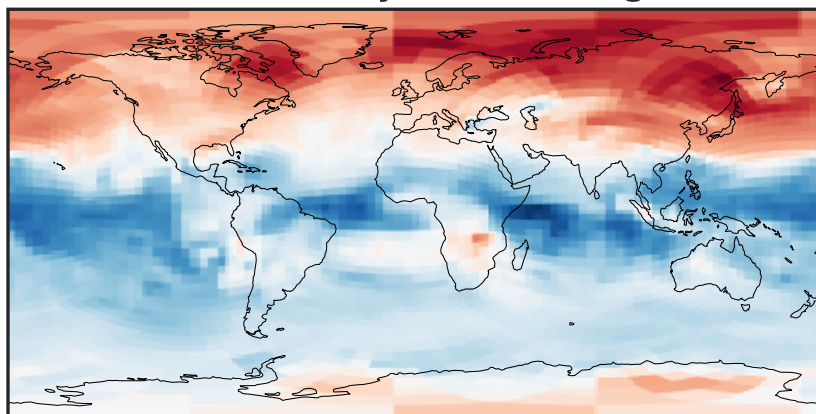
-0.0885 -0.0442 0.0000 0.0442 0.0885
ppb

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



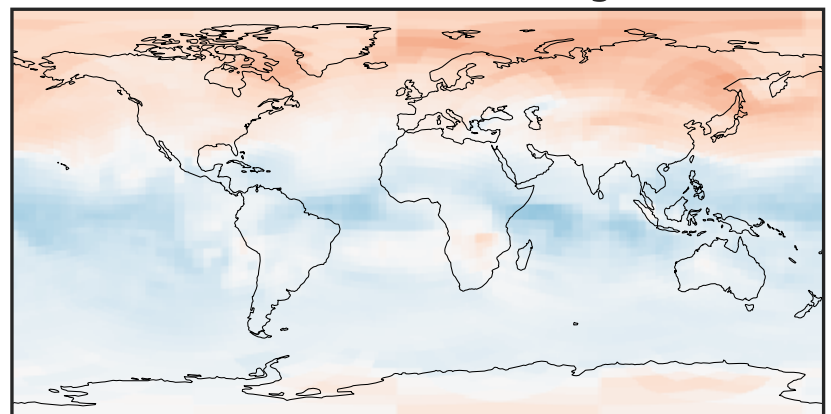
-0.015 0.000 0.015
ppb

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



0.7611 0.8806 1.0000 1.1569 1.3139
unitless

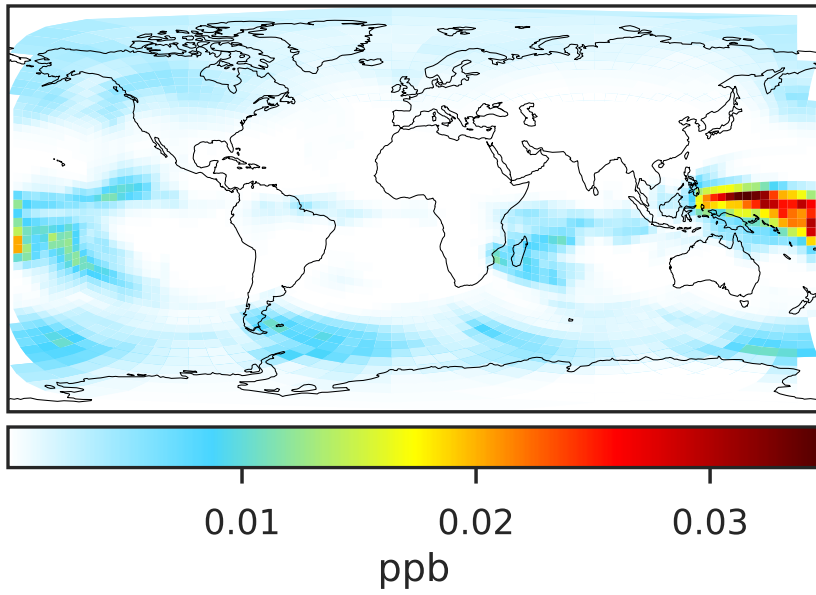
Ratio (1x1.25)
Dev/Ref, Fixed Range



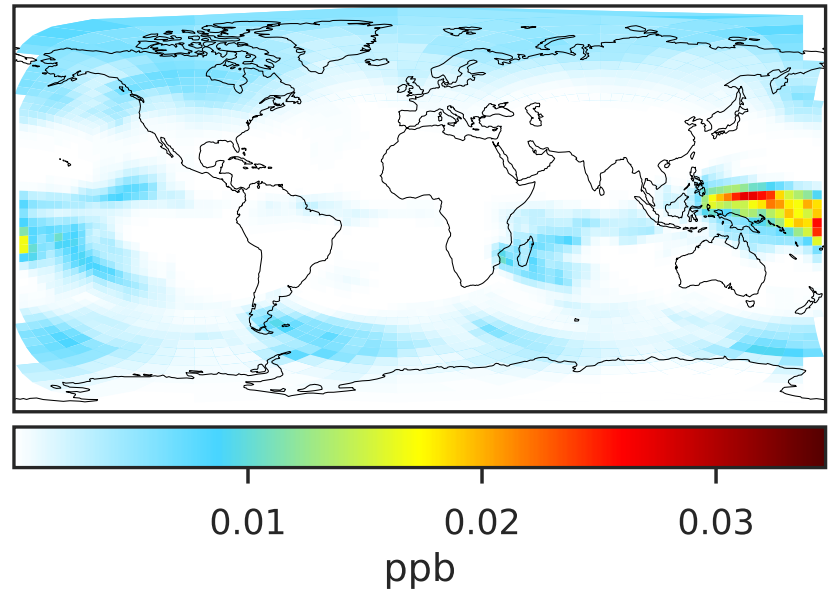
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_DMS (Jan2019)

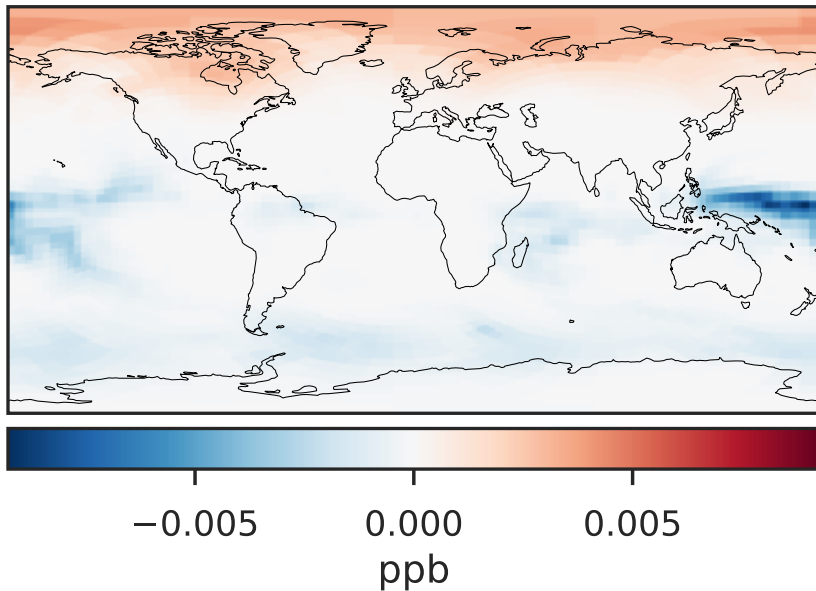
GCHP_14.0.0 (Ref)
c24



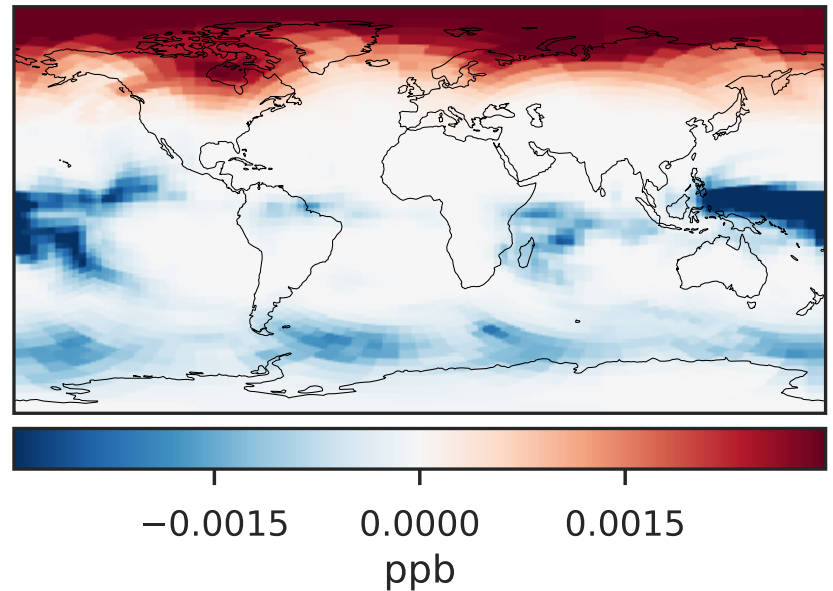
GCHP_14.2.0 (Dev)
c24



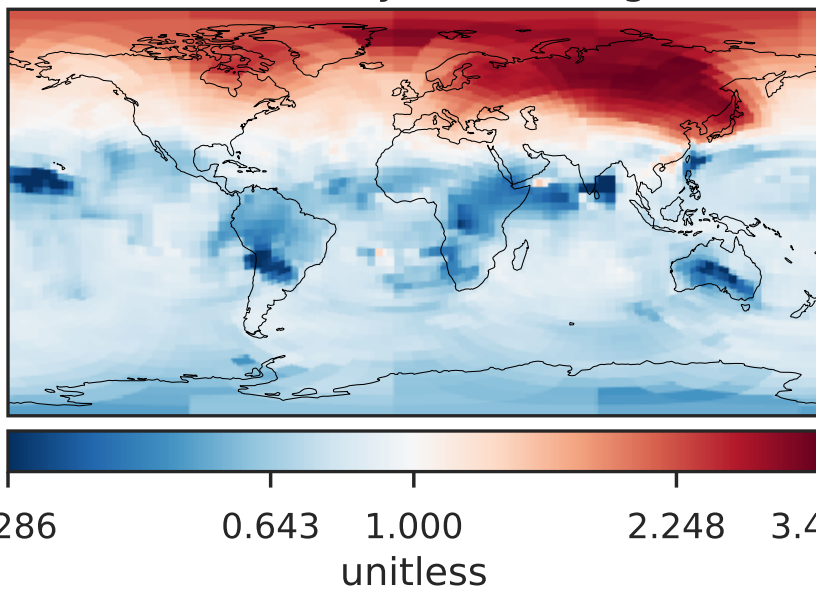
Difference (1x1.25)
Dev - Ref, Dynamic Range



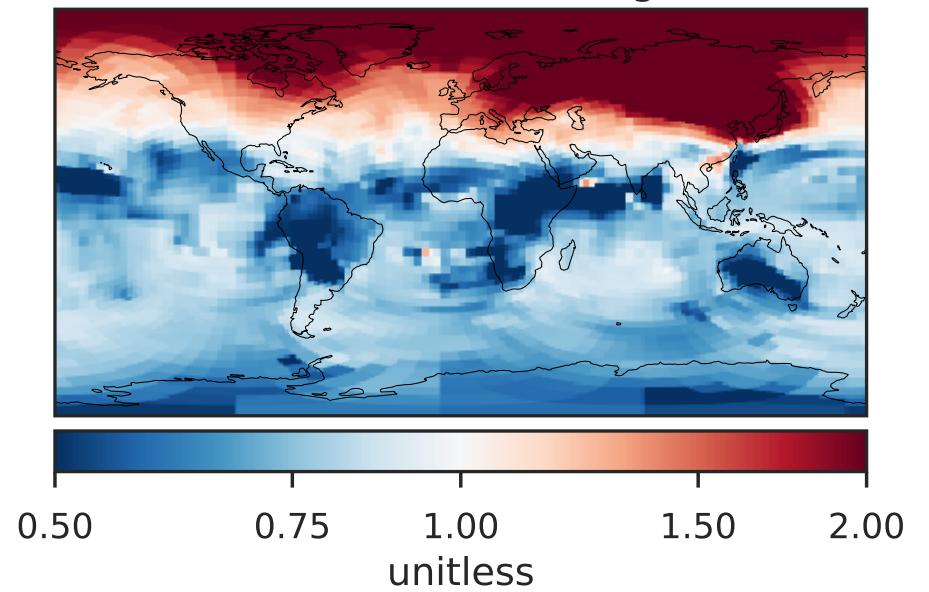
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

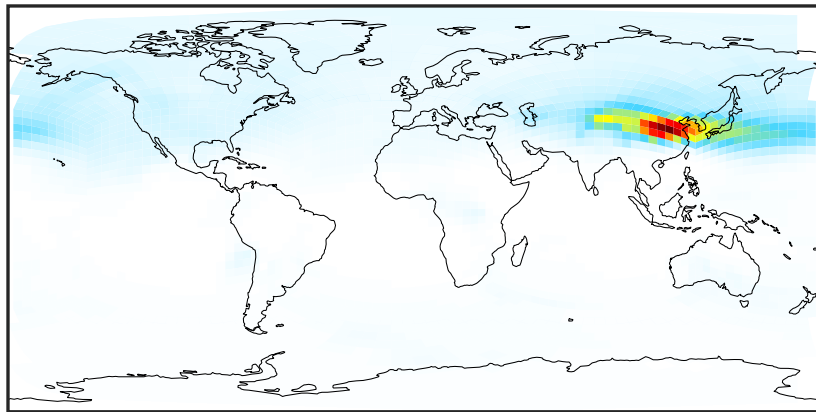


Ratio (1x1.25)
Dev/Ref, Fixed Range



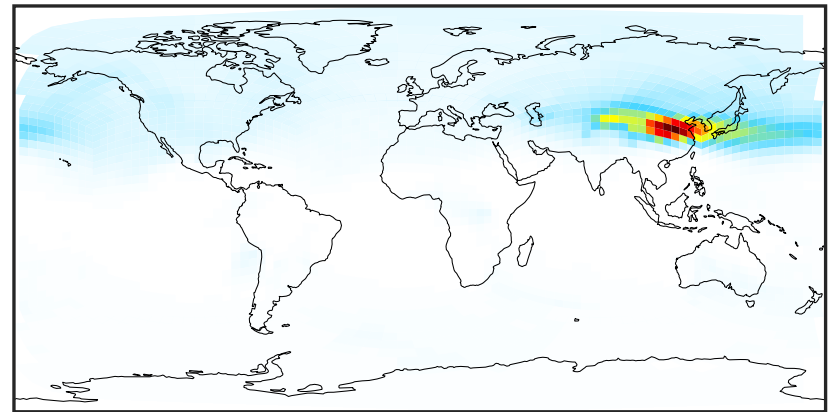
SpeciesConcVV_HMS (Jan2019)

GCHP_14.0.0 (Ref)
c24



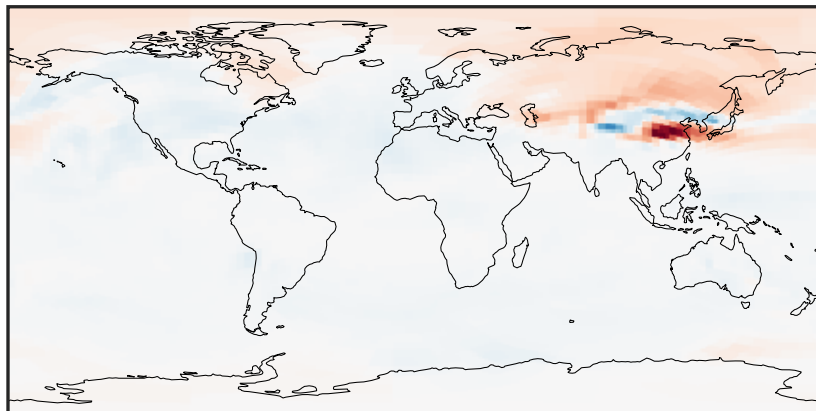
0.015 0.030 0.045
ppb

GCHP_14.2.0 (Dev)
c24



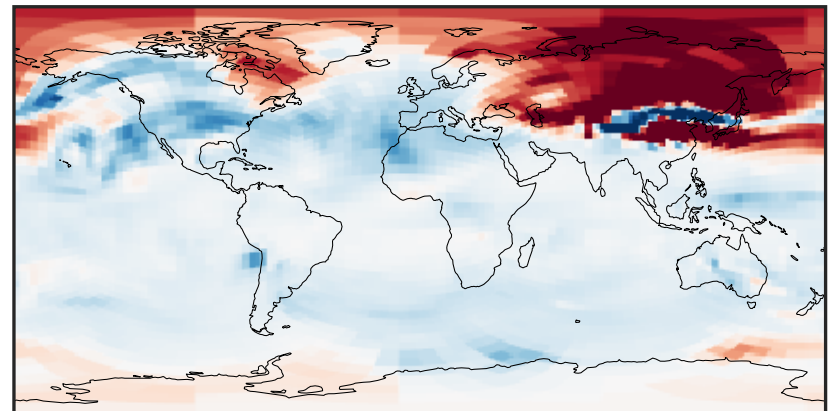
0.015 0.030 0.045
ppb

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



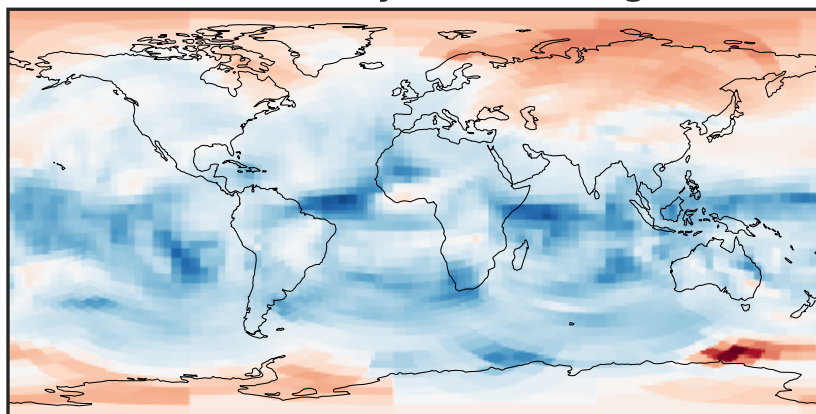
-0.0015 0.0000 0.0015
ppb

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



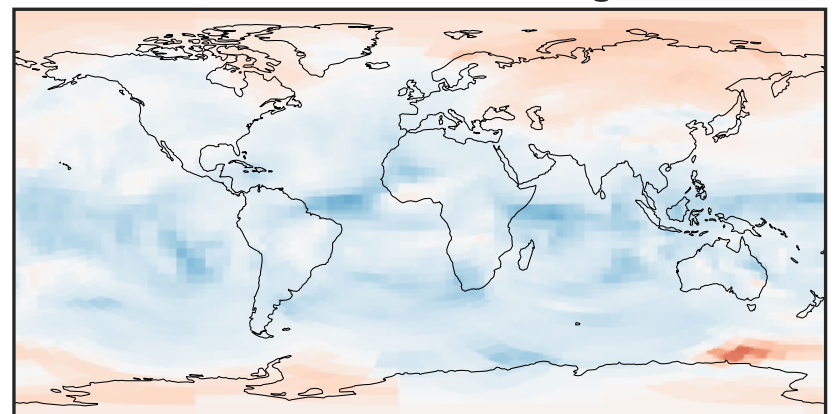
-0.0002 0.0000 0.0002
ppb

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



0.6854 0.8427 1.0000 1.2295 1.4590
unitless

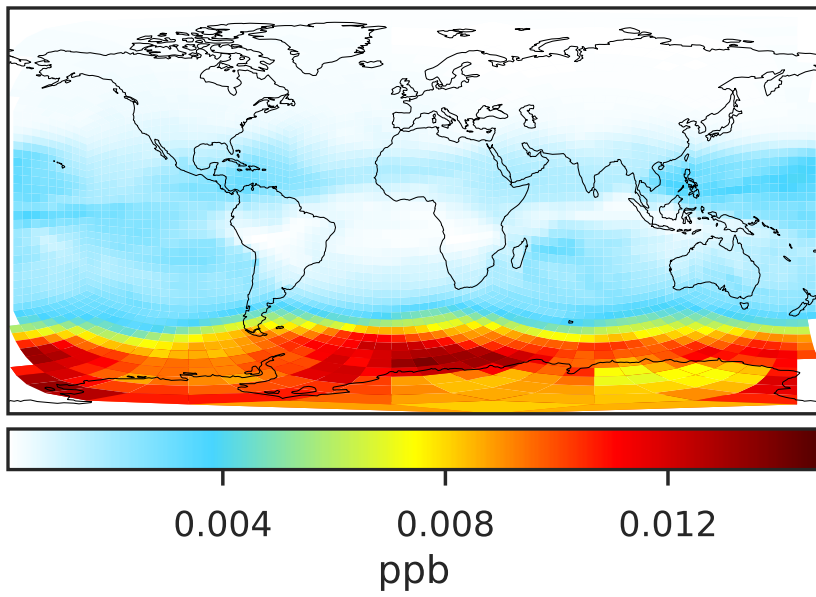
Ratio (1x1.25)
Dev/Ref, Fixed Range



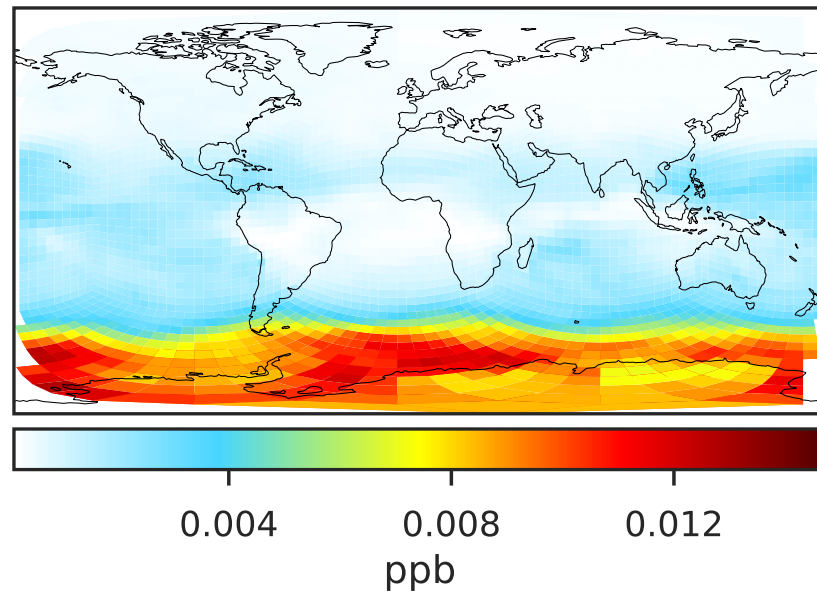
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_MSA (Jan2019)

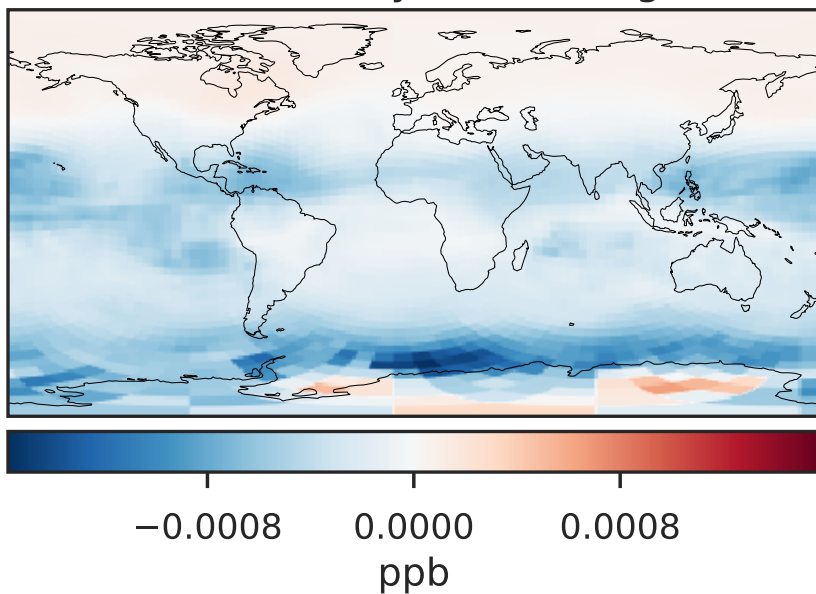
GCHP_14.0.0 (Ref)
c24



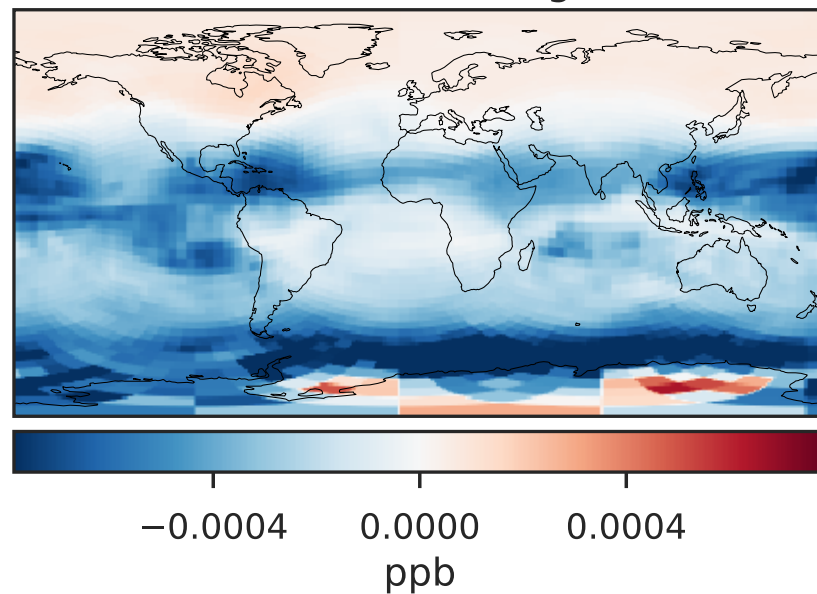
GCHP_14.2.0 (Dev)
c24



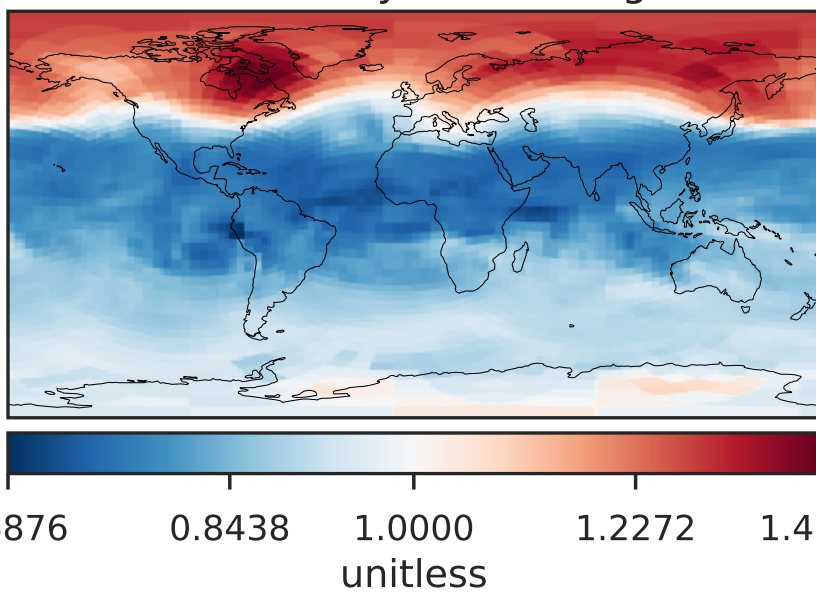
Difference (1x1.25)
Dev - Ref, Dynamic Range



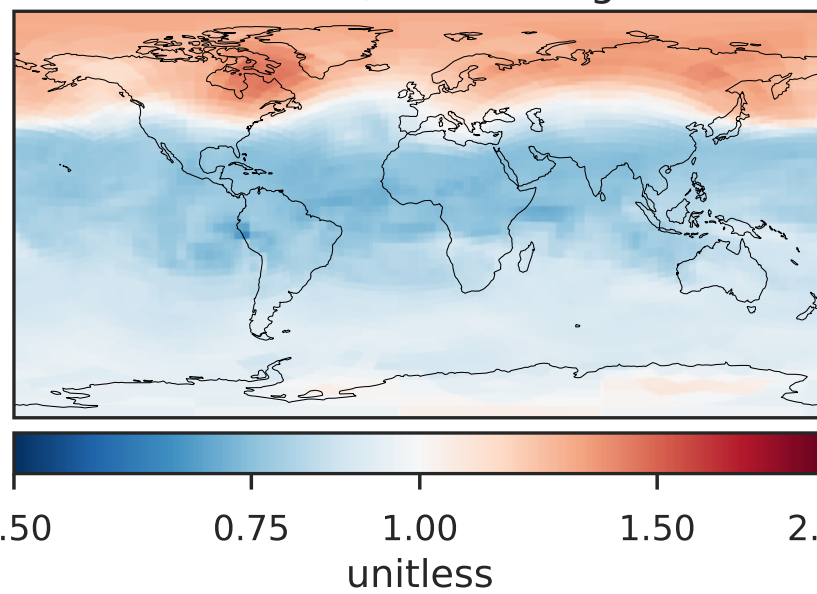
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

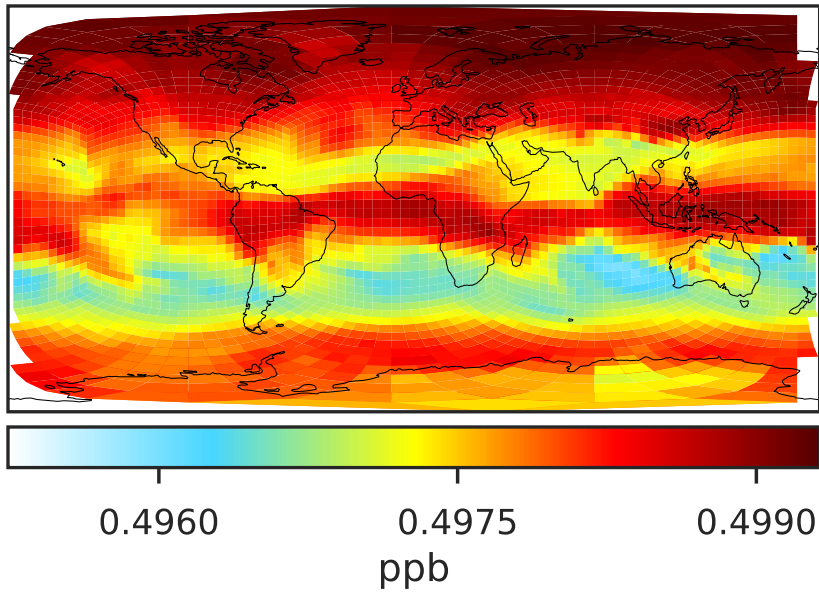


Ratio (1x1.25)
Dev/Ref, Fixed Range

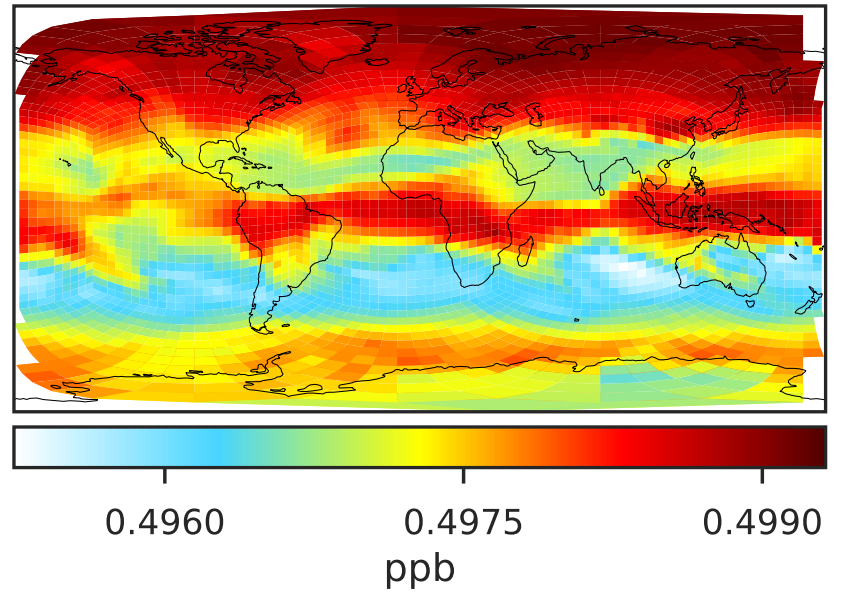


SpeciesConcVV_OCS (Jan2019)

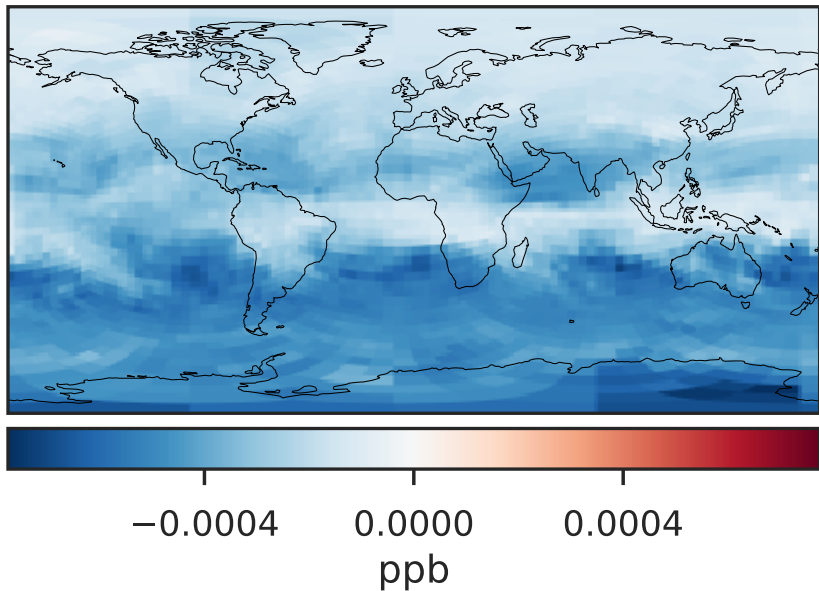
GCHP_14.0.0 (Ref)
c24



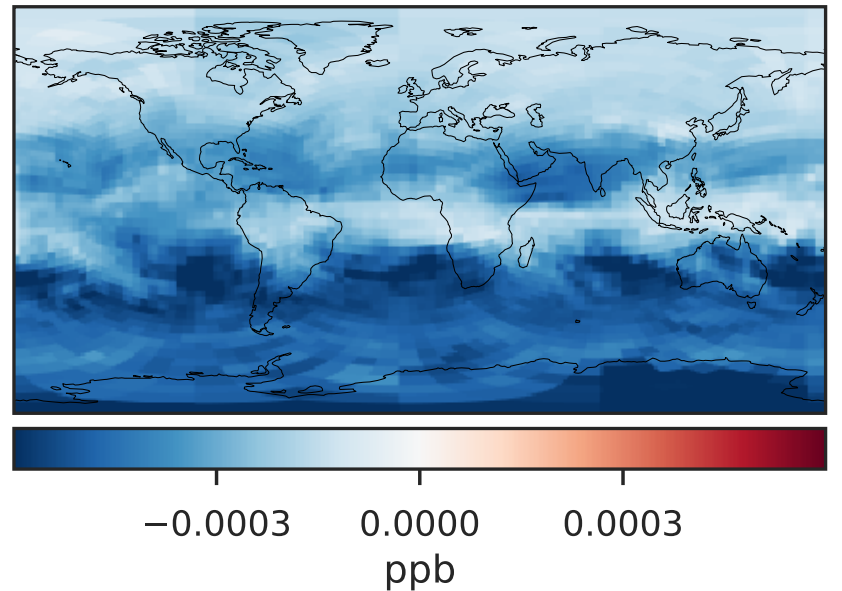
GCHP_14.2.0 (Dev)
c24



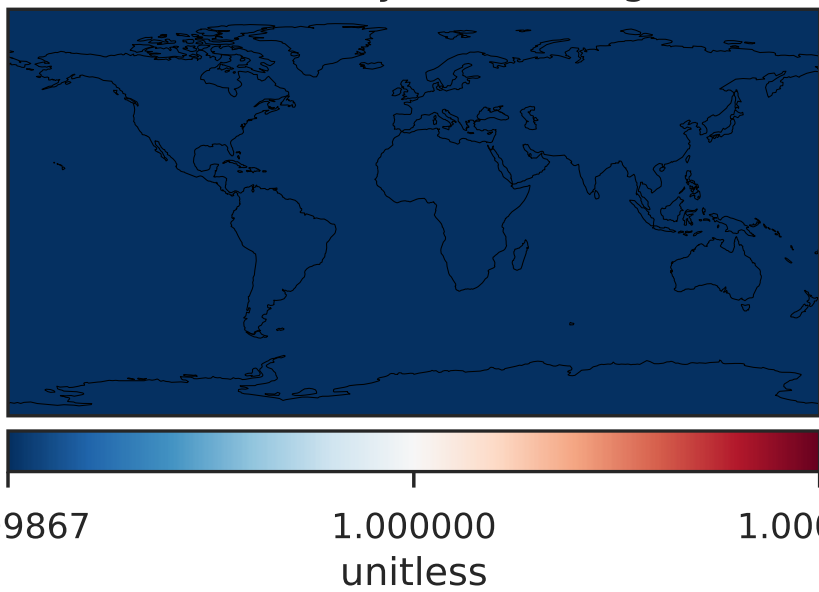
Difference (1x1.25)
Dev - Ref, Dynamic Range



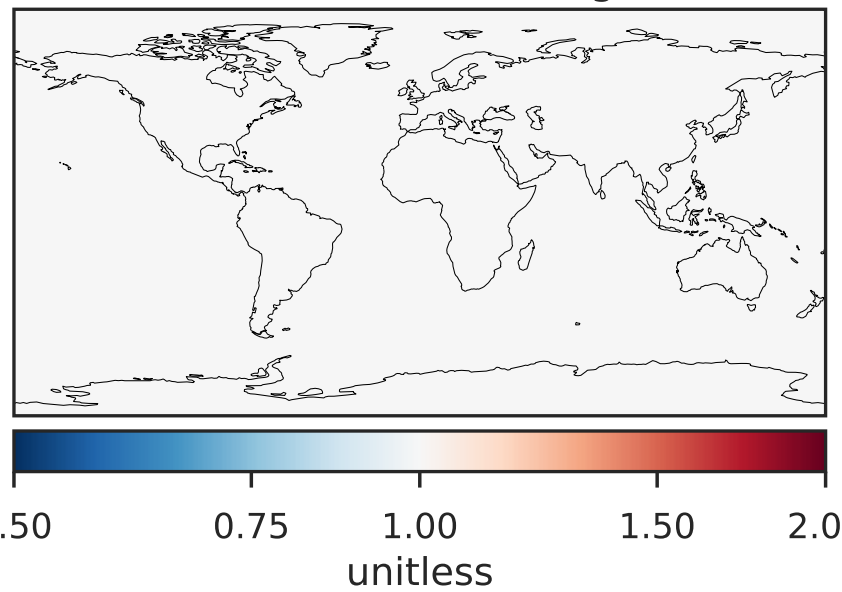
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

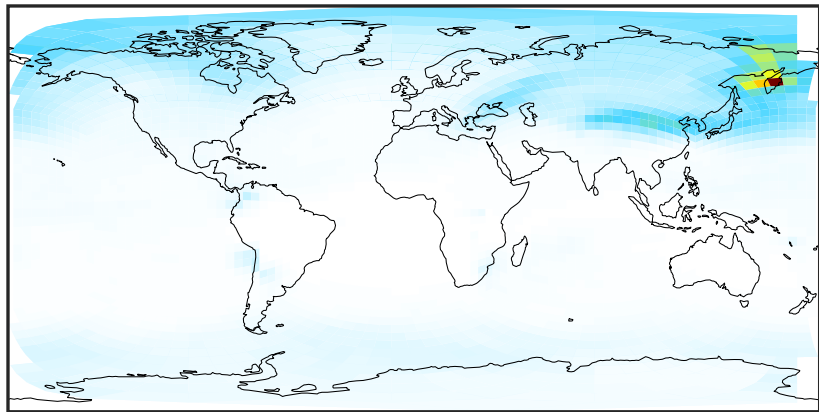


Ratio (1x1.25)
Dev/Ref, Fixed Range



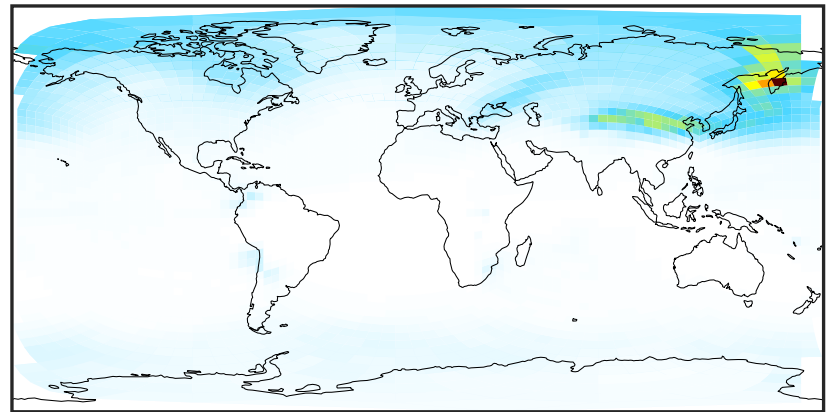
SpeciesConcVV_SO2 (Jan2019)

GCHP_14.0.0 (Ref)
c24



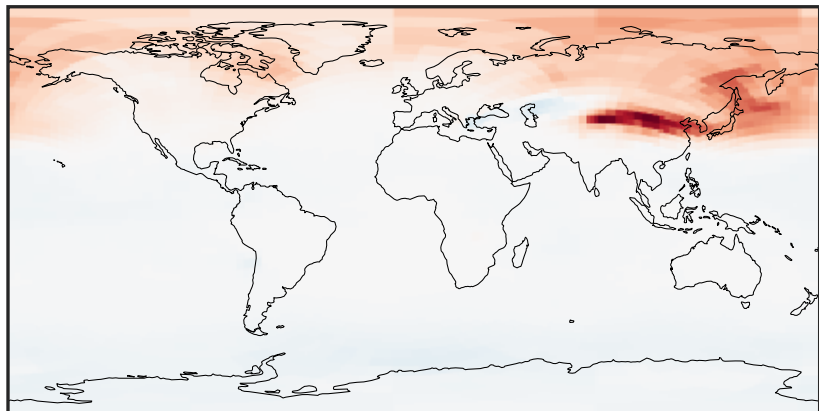
0.0001 0.1268 0.2537 0.3805 0.5075
ppb

GCHP_14.2.0 (Dev)
c24



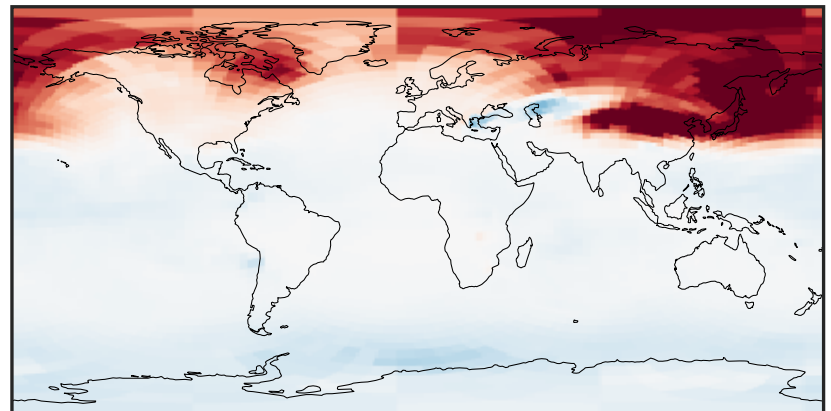
0.0001 0.1268 0.2537 0.3805 0.5075
ppb

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



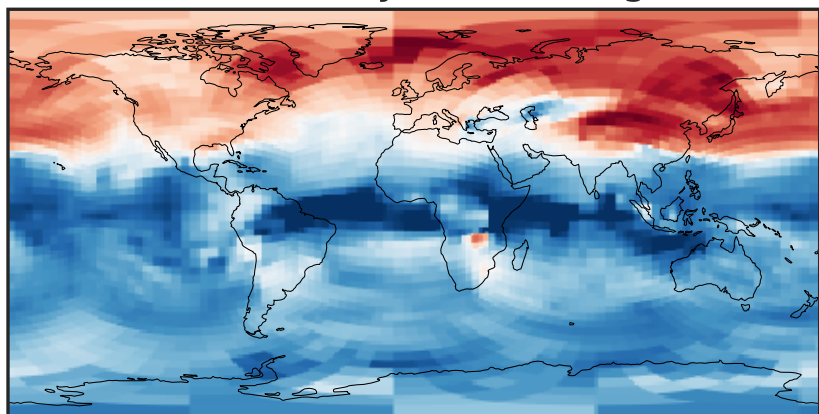
-0.0545 -0.0273 0.0000 0.0273 0.0545
ppb

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



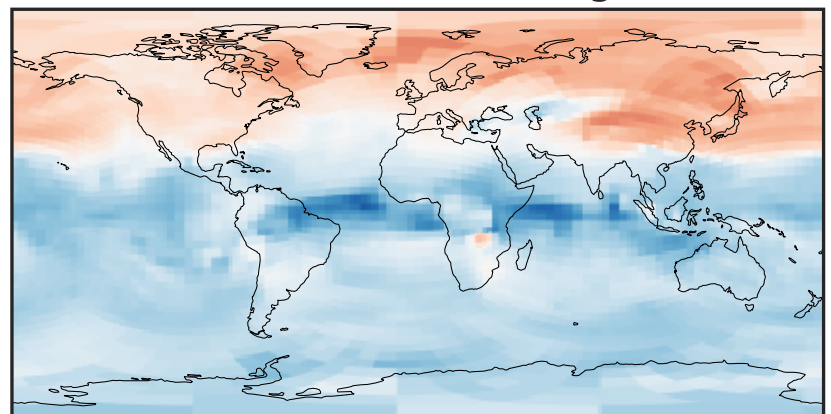
-0.01 0.00 0.01
ppb

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



0.7077 0.8539 1.0000 1.2065 1.4130
unitless

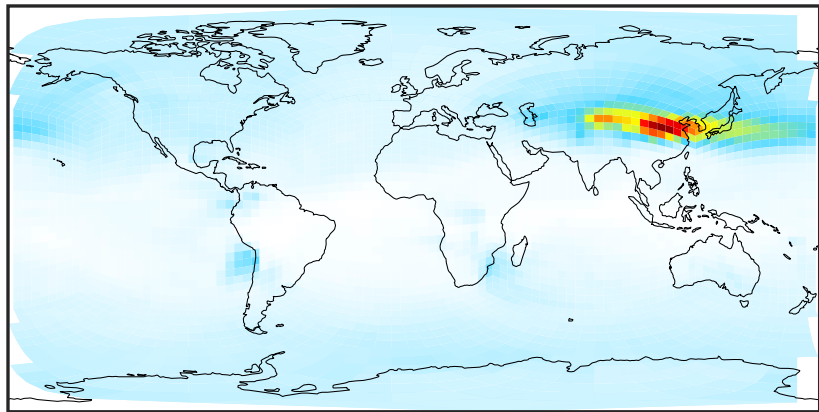
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

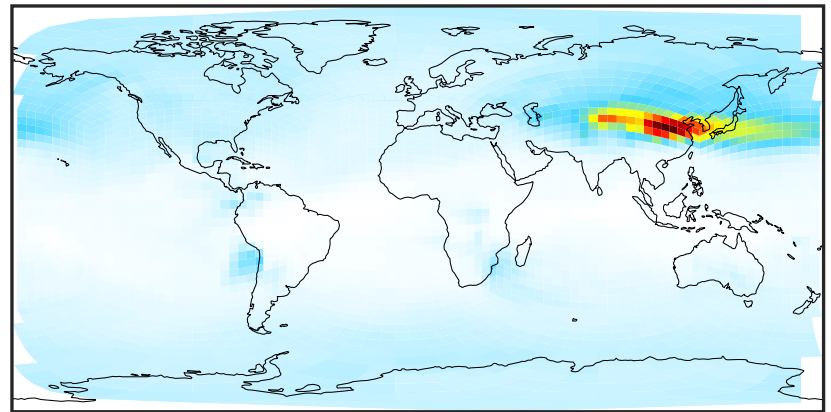
SpeciesConcVV_SO4 (Jan2019)

GCHP_14.0.0 (Ref)
c24



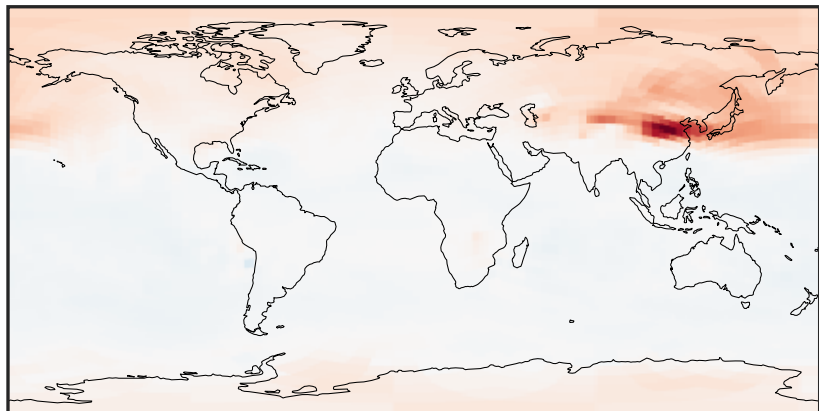
0.0025 0.1264 0.2529 0.3793 0.5082
ppb

GCHP_14.2.0 (Dev)
c24



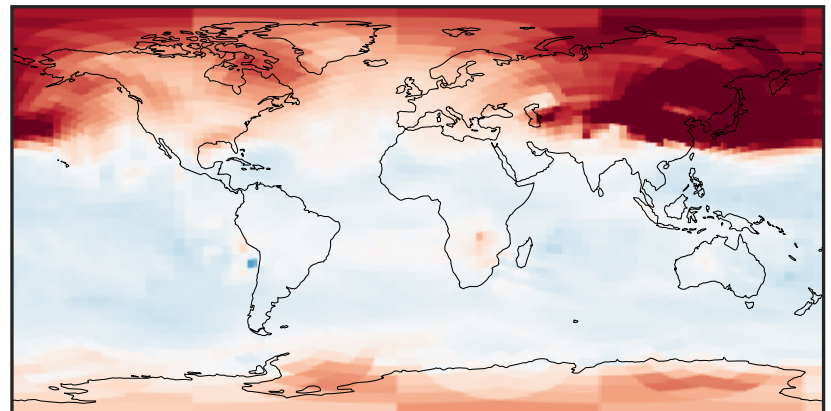
0.0025 0.1264 0.2529 0.3793 0.5082
ppb

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



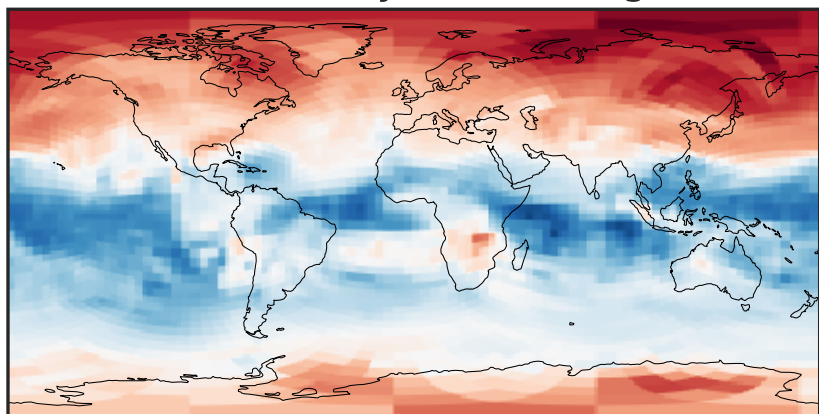
-0.025 0.000 0.025
ppb

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



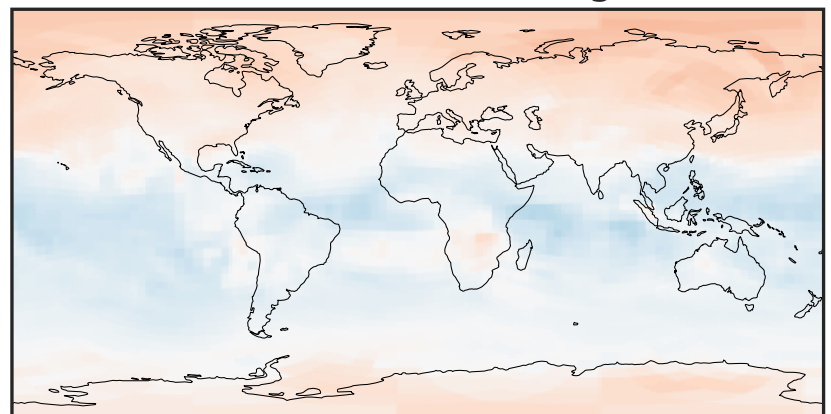
-0.006 0.000 0.006
ppb

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



0.8084 0.9042 1.0000 1.1185 1.2371
unitless

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



0.50 0.75 1.00 1.50 2.00
unitless