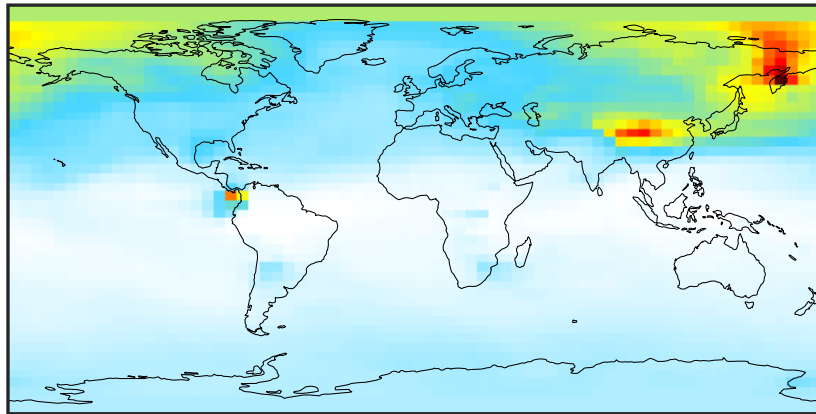


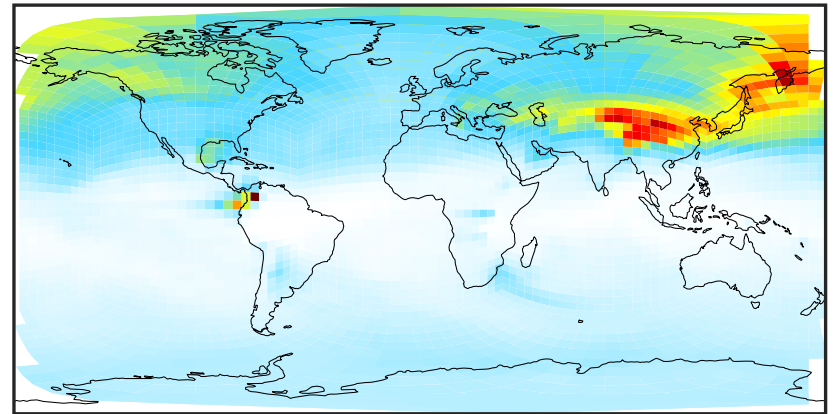
SpeciesConcVV_SOx (Apr2019)

GCC_14.2.0 (Ref)
4.0x5.0



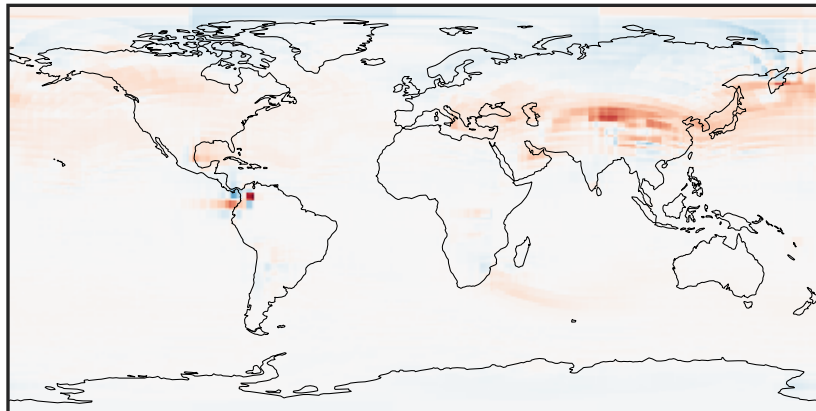
0.0019 0.0869 0.1737 0.2606 0.3493
ppb

GCHP_14.2.0 (Dev)
c24



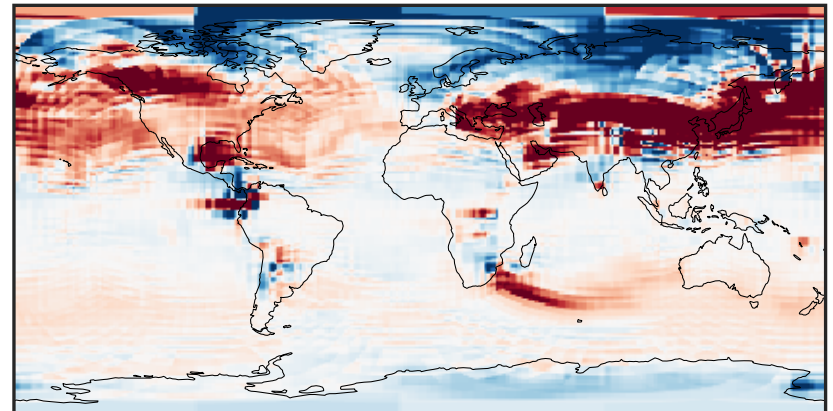
0.0019 0.0869 0.1737 0.2606 0.3493
ppb

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



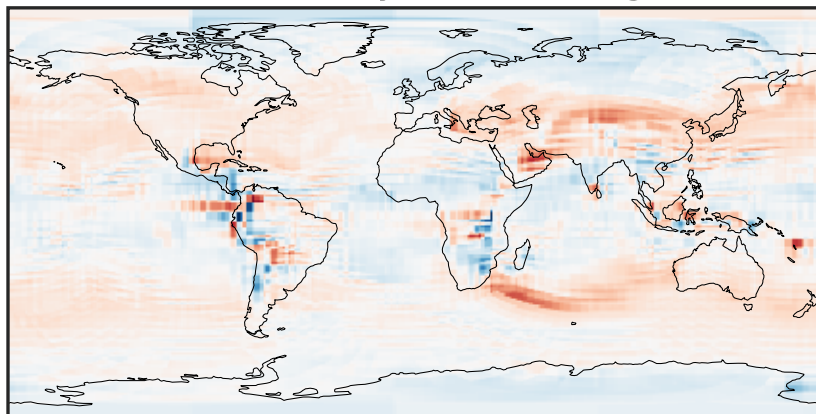
-0.2061 -0.1031 0.0000 0.1031 0.2061
ppb

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



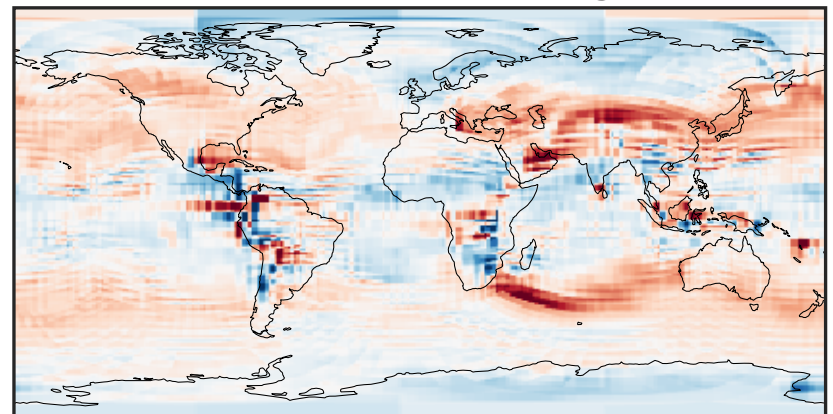
-0.015 0.000 0.015
ppb

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



0.287 0.644 1.000 2.240 3.479
unitless

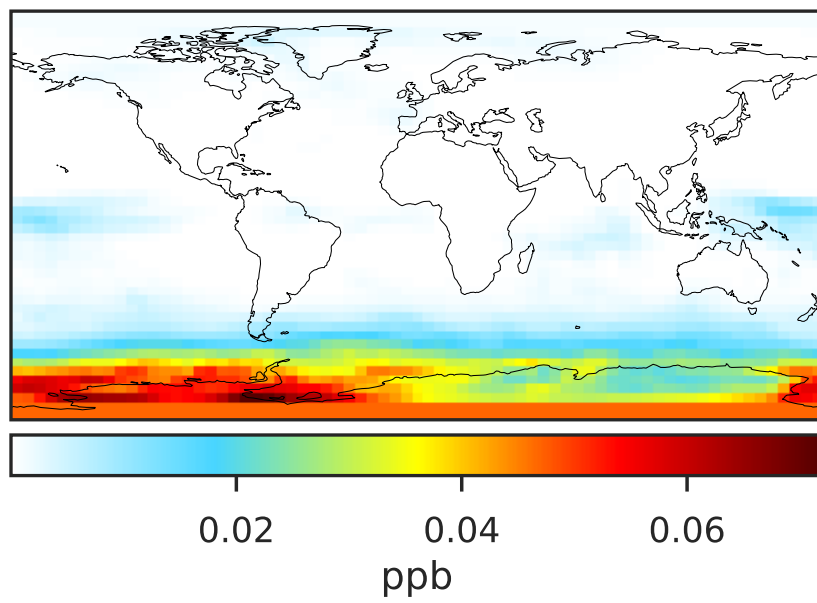
Ratio (1x1.25)
Dev/Ref, Fixed Range



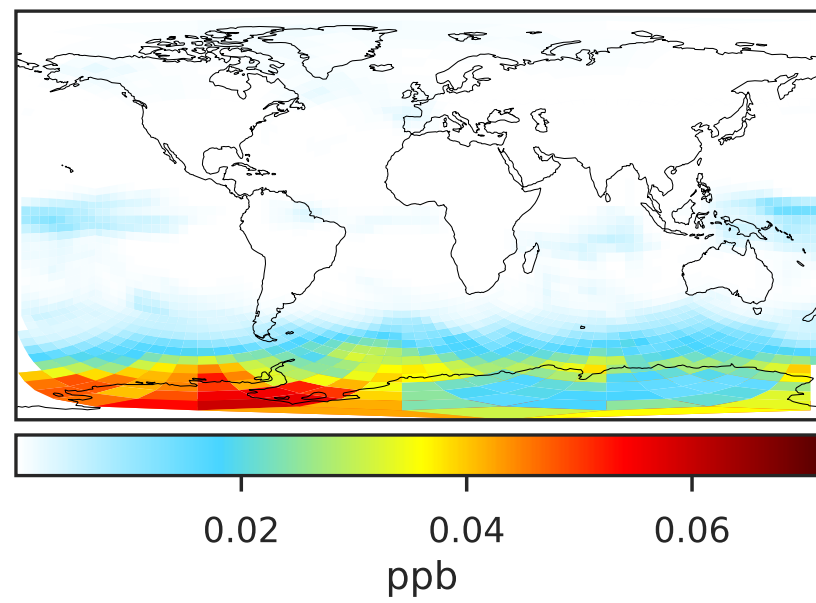
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_DMS (Apr2019)

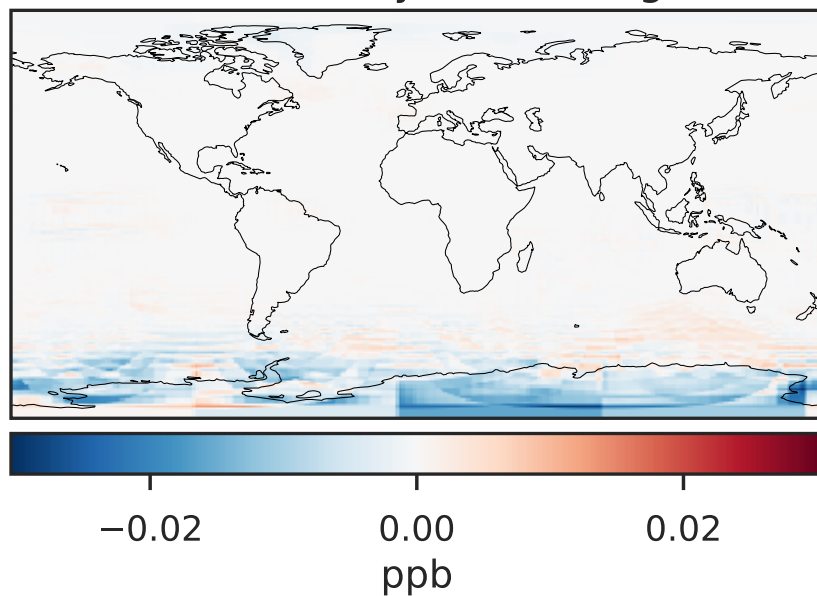
GCC_14.2.0 (Ref)
4.0x5.0



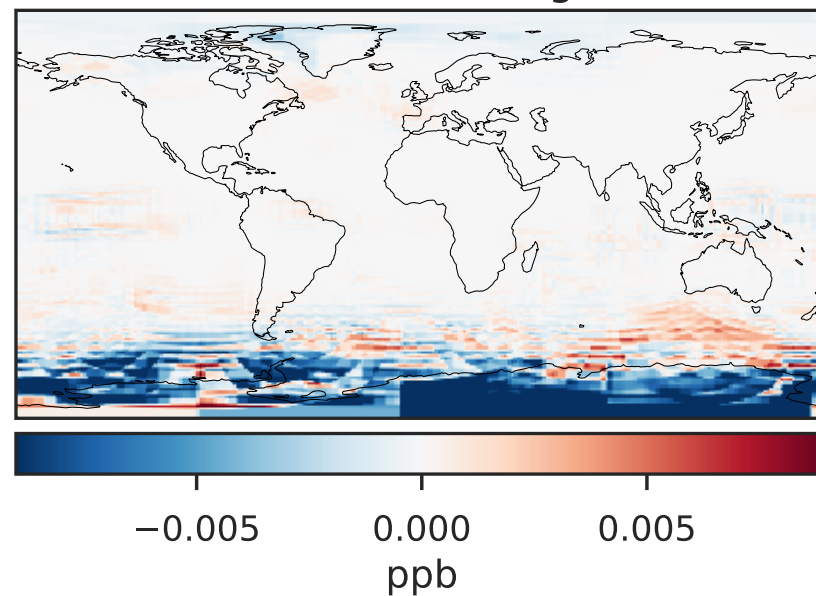
GCHP_14.2.0 (Dev)
c24



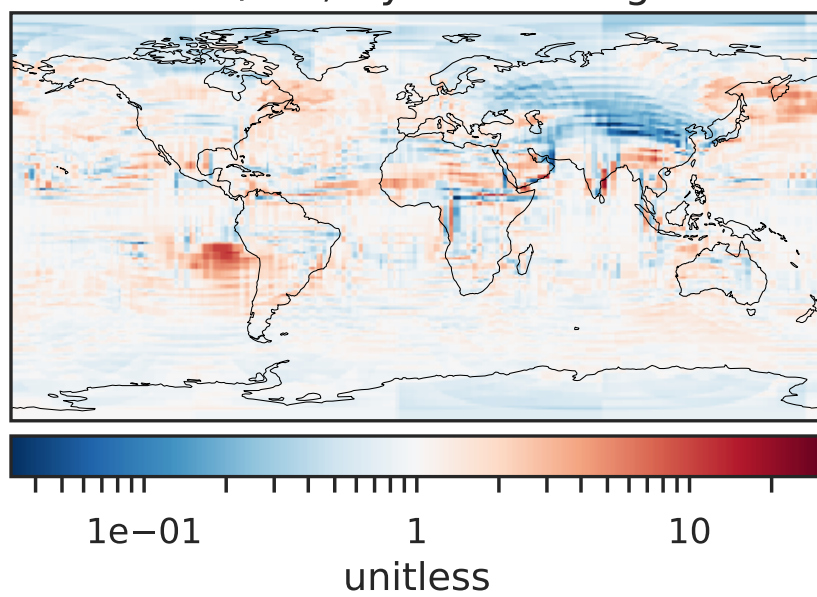
Difference (1x1.25)
Dev - Ref, Dynamic Range



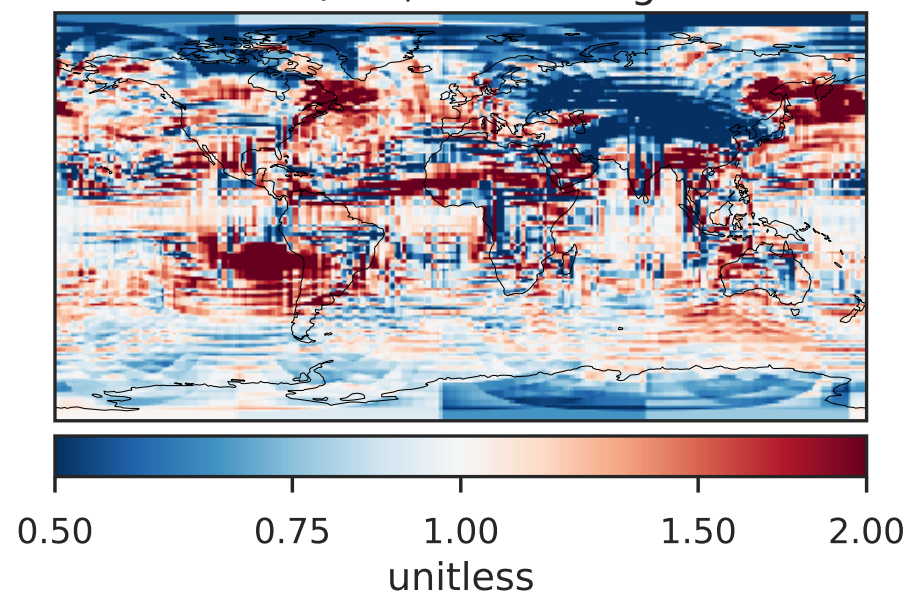
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

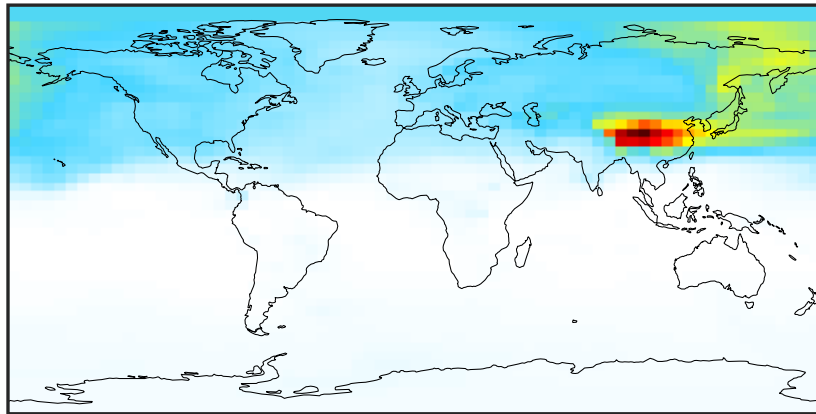


Ratio (1x1.25)
Dev/Ref, Fixed Range



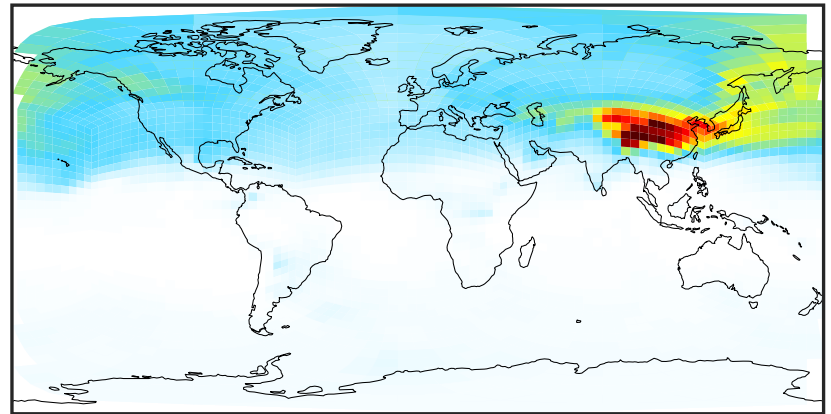
SpeciesConcVV_HMS (Apr2019)

GCC_14.2.0 (Ref)
4.0x5.0



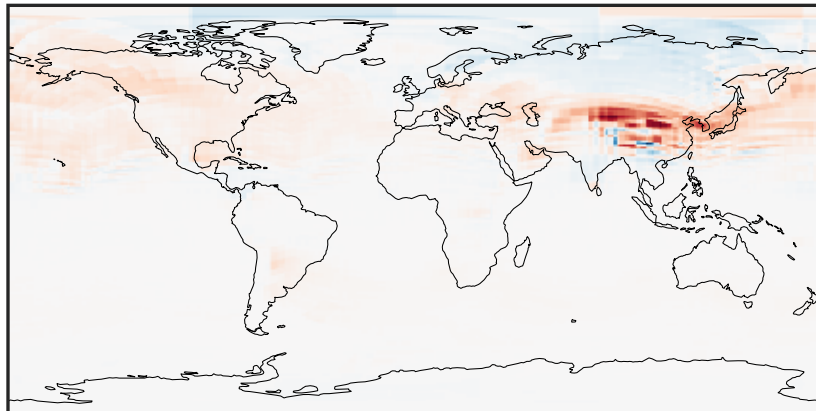
0.006 0.012 0.018
ppb

GCHP_14.2.0 (Dev)
c24



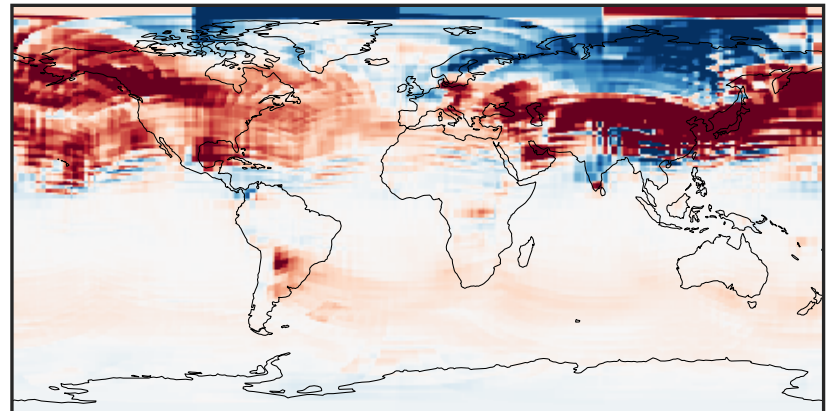
0.006 0.012 0.018
ppb

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



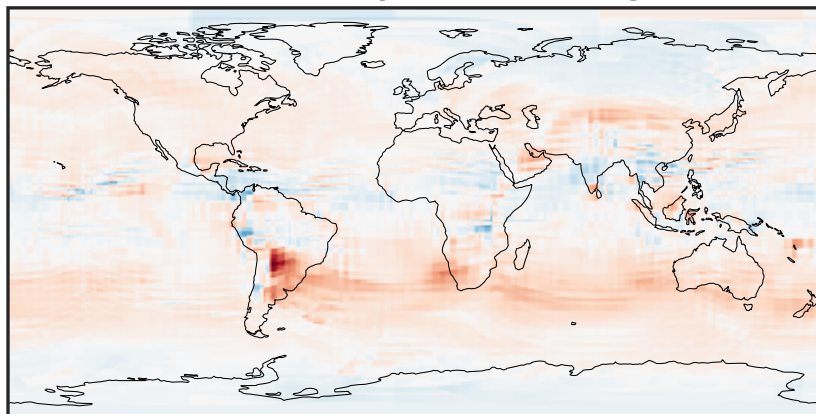
-0.005 0.000 0.005
ppb

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



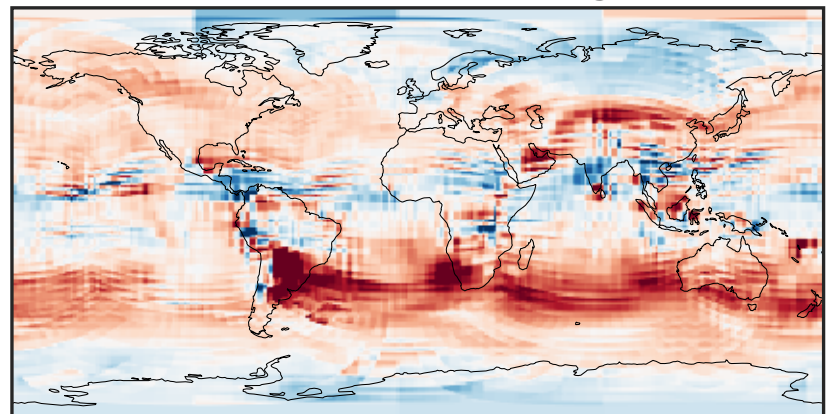
-0.0006 0.0000 0.0006
ppb

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



0.117 0.559 1.000 4.770 8.541
unitless

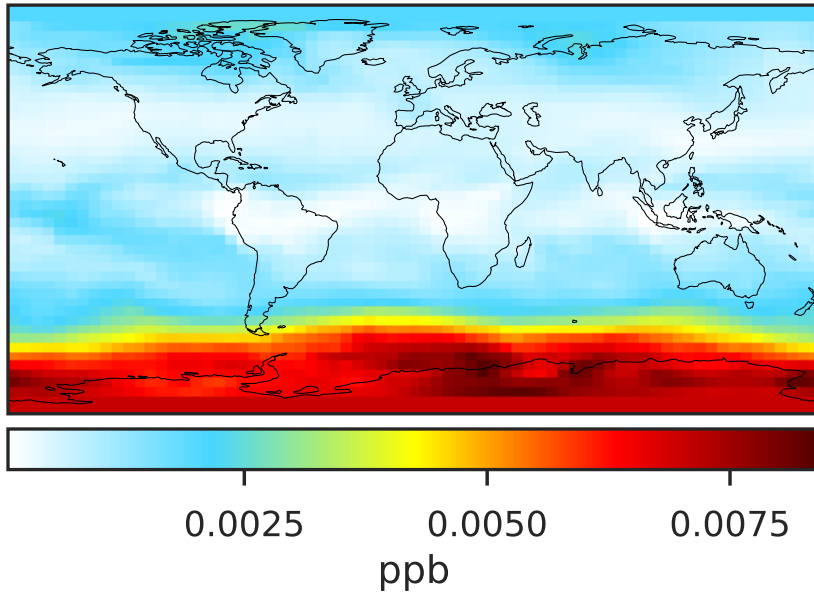
Ratio (1x1.25)
Dev/Ref, Fixed Range



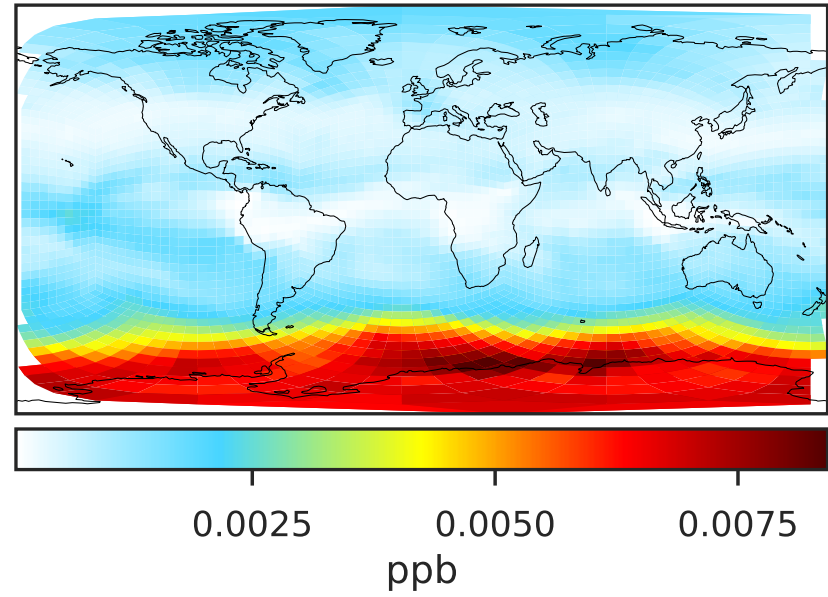
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVW_MSA (Apr2019)

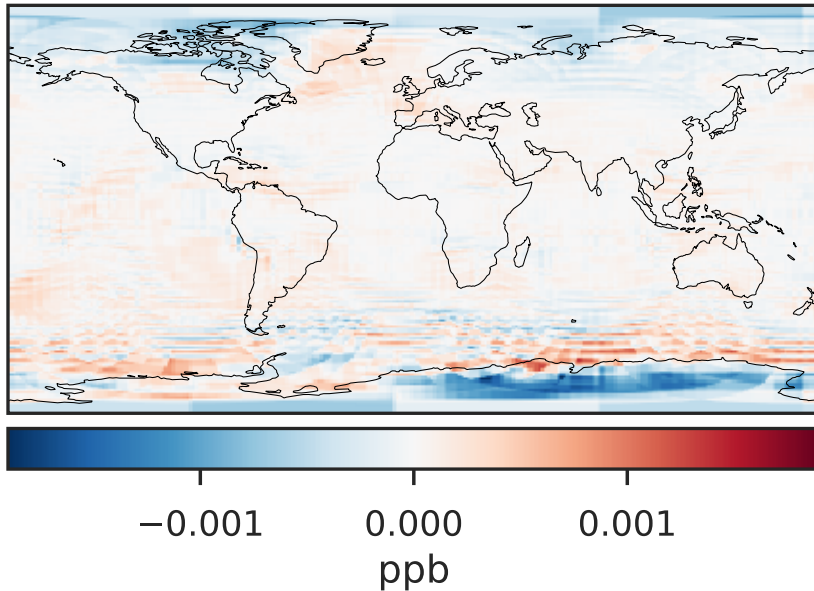
GCC_14.2.0 (Ref)
4.0x5.0



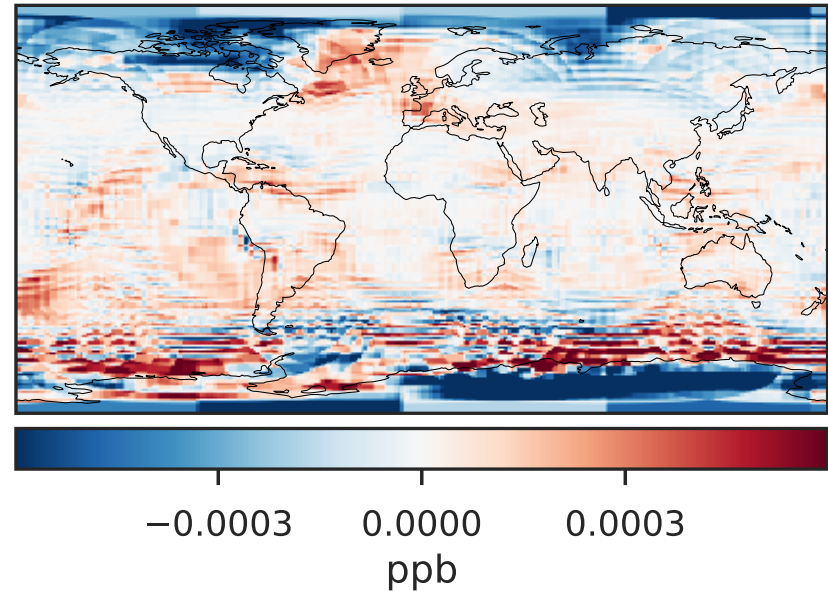
GCHP_14.2.0 (Dev)
c24



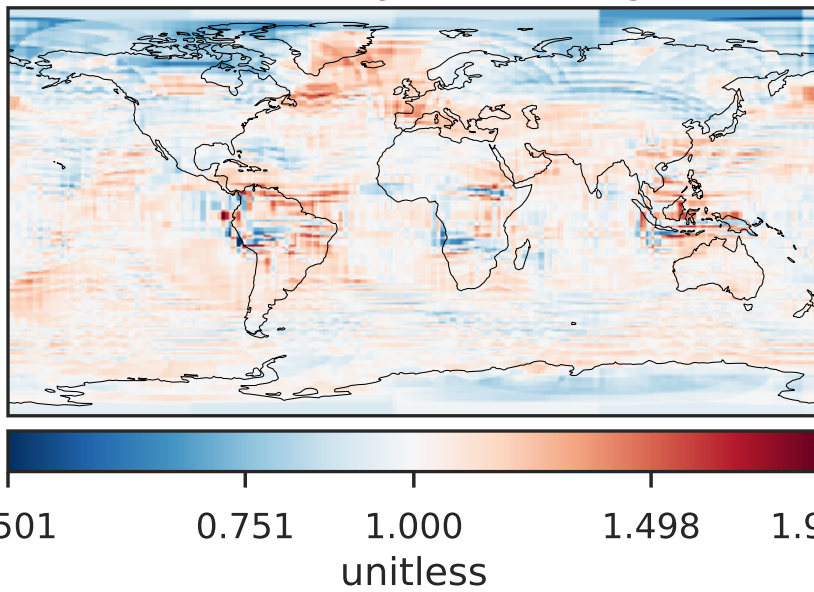
Difference (1x1.25)
Dev - Ref, Dynamic Range



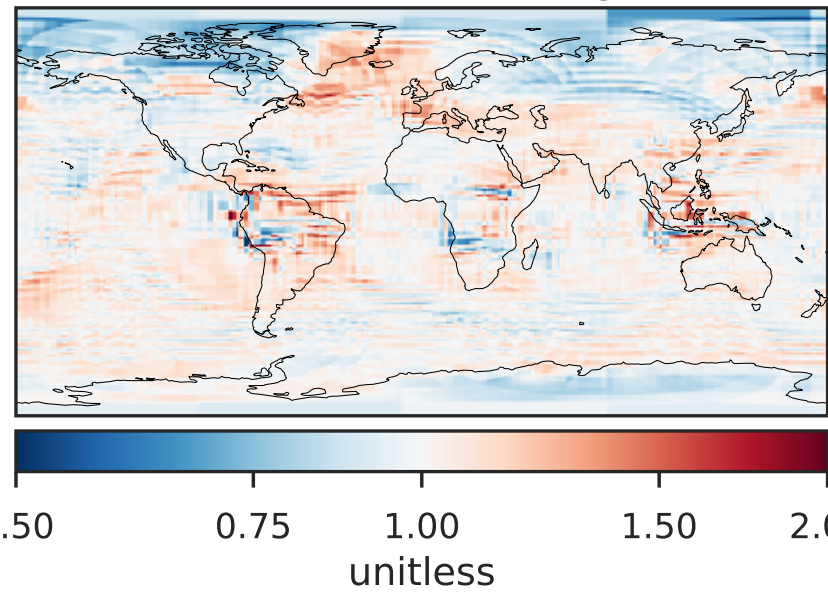
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

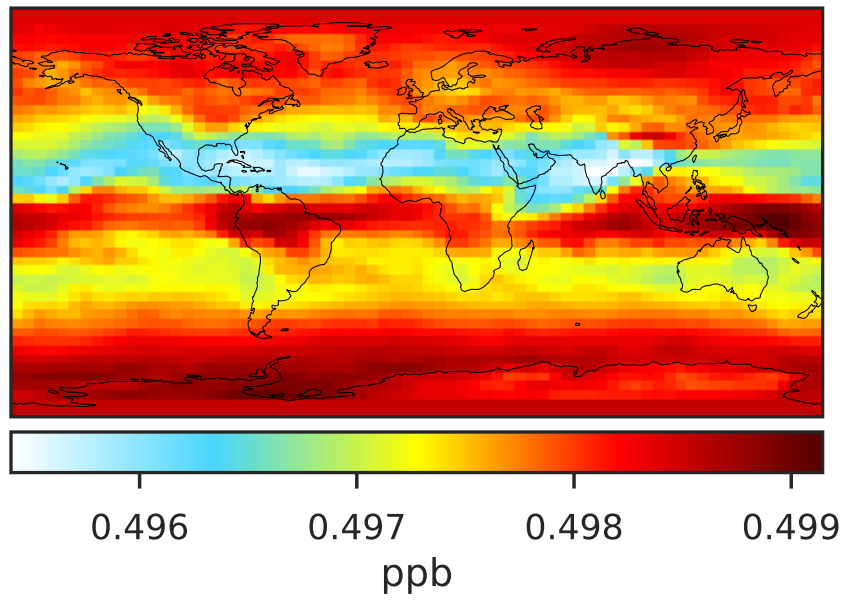


Ratio (1x1.25)
Dev/Ref, Fixed Range

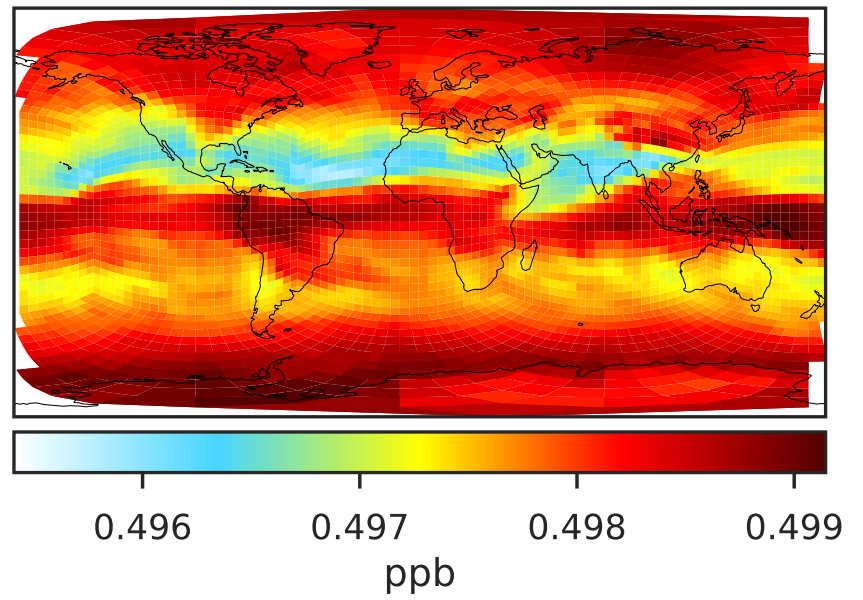


SpeciesConcVV_OCS (Apr2019)

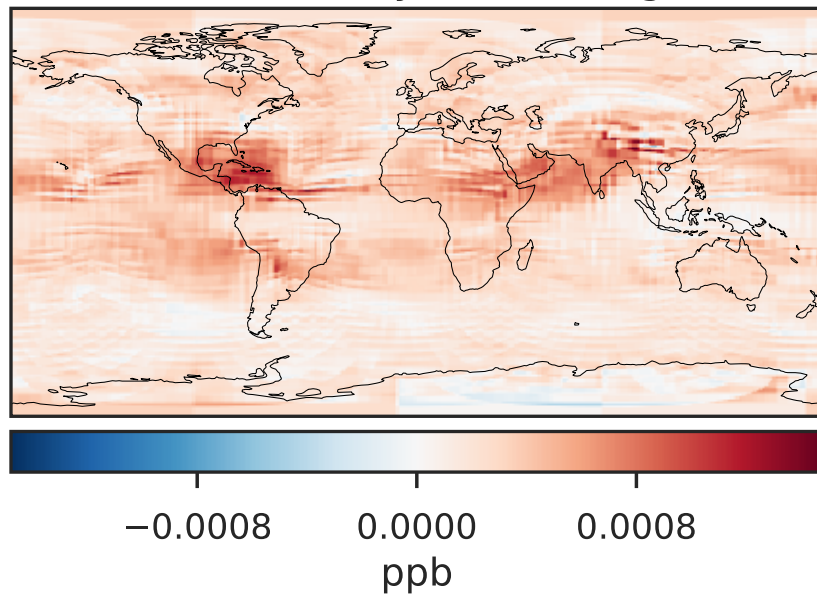
GCC_14.2.0 (Ref)
4.0x5.0



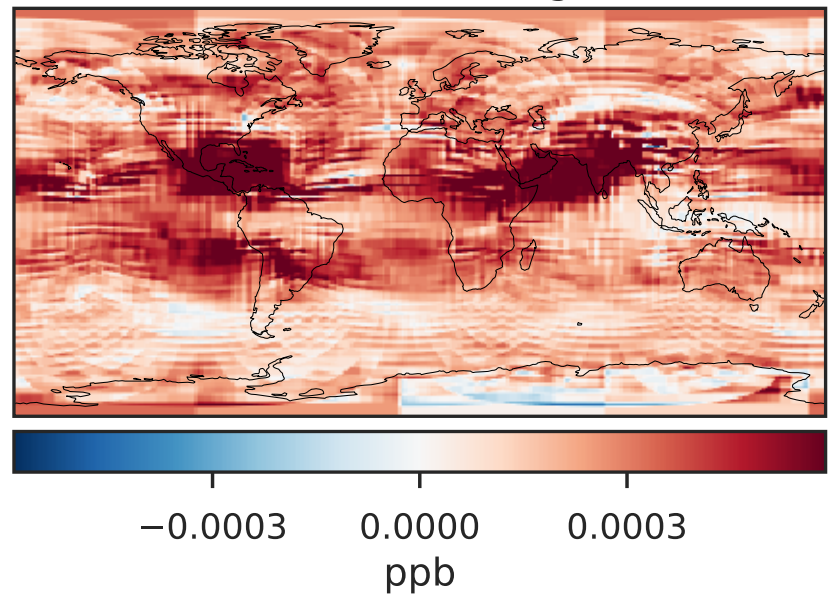
GCHP_14.2.0 (Dev)
c24



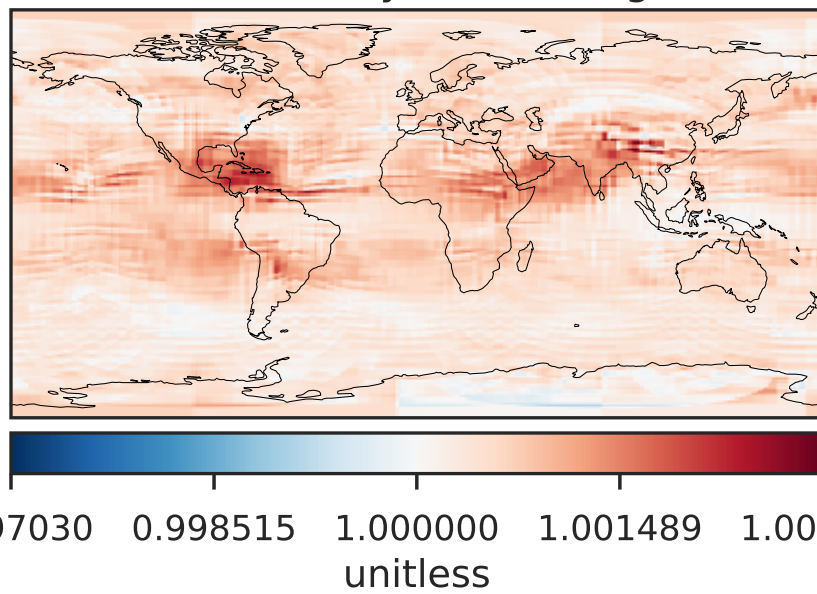
Difference (1x1.25)
Dev - Ref, Dynamic Range



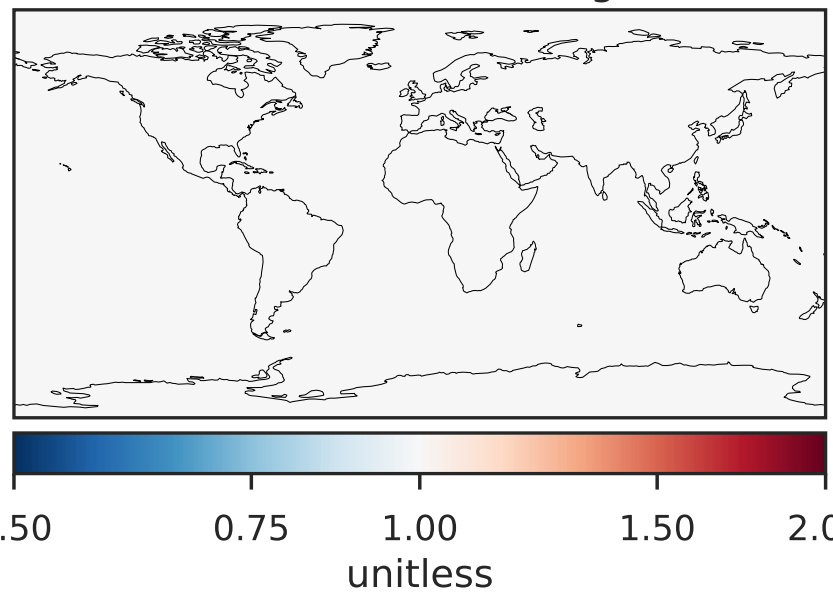
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

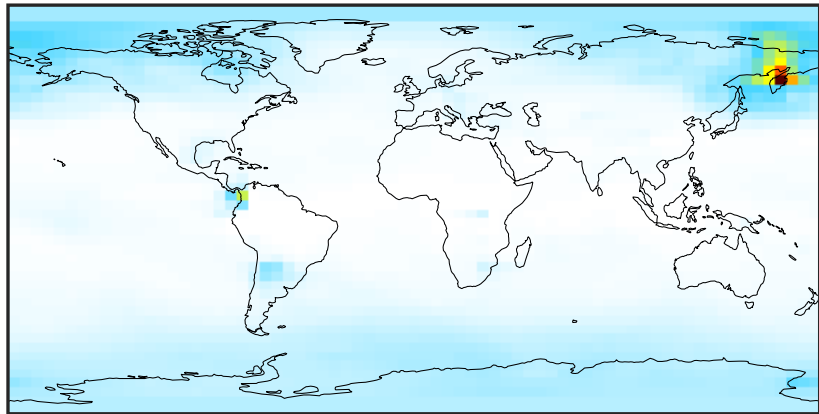


Ratio (1x1.25)
Dev/Ref, Fixed Range



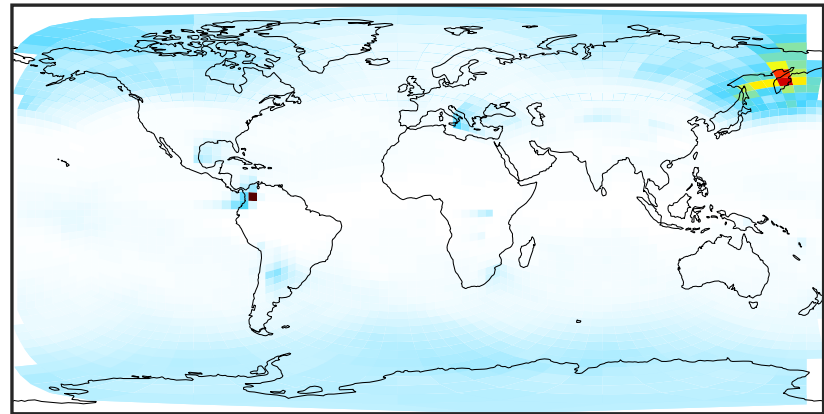
SpeciesConcVV_SO2 (Apr2019)

GCC_14.2.0 (Ref)
4.0x5.0



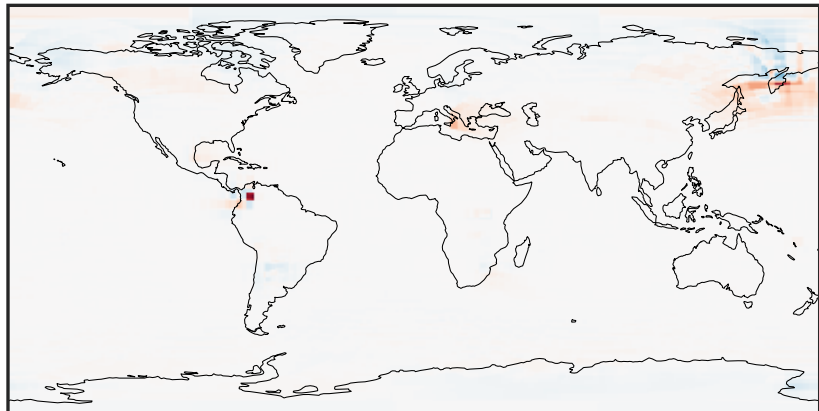
0.0001 0.0542 0.1084 0.1626 0.2170
ppb

GCHP_14.2.0 (Dev)
c24



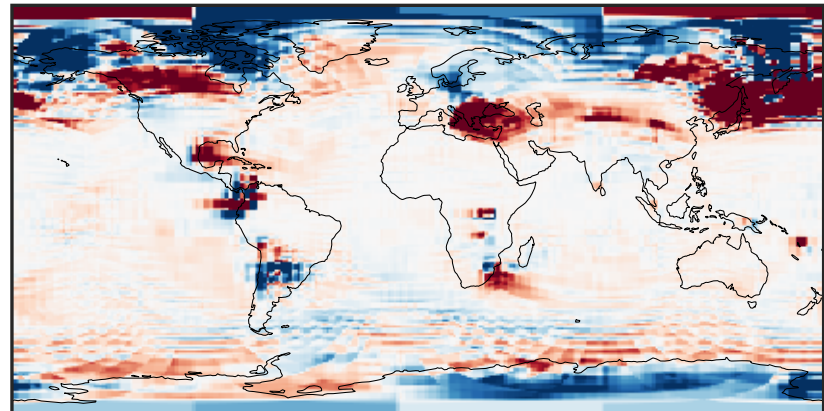
0.0001 0.0542 0.1084 0.1626 0.2170
ppb

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



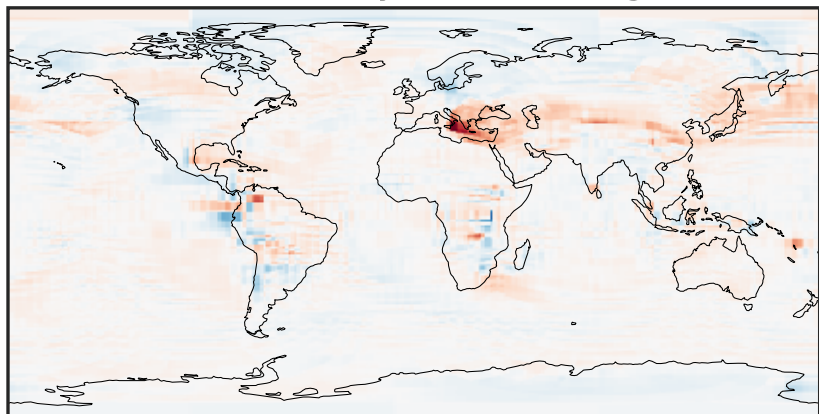
-0.1468 -0.0734 0.0000 0.0734 0.1468
ppb

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



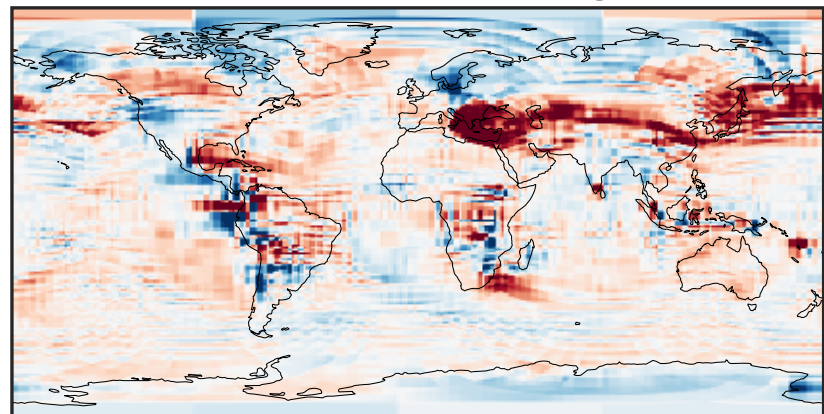
-0.003 0.000 0.003
ppb

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



1e-01 1 10
unitless

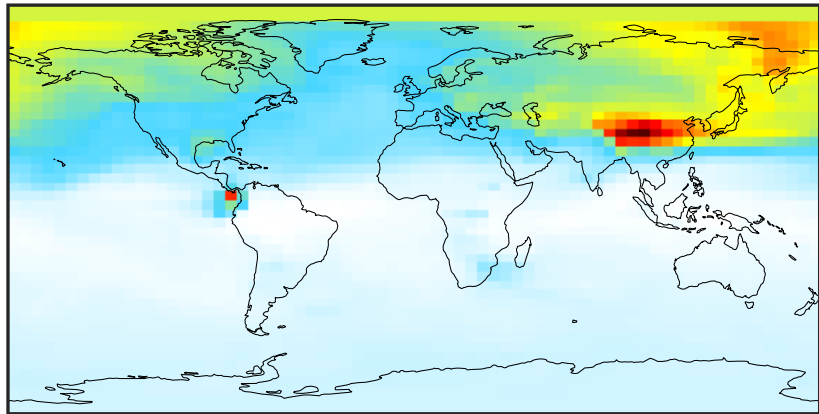
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

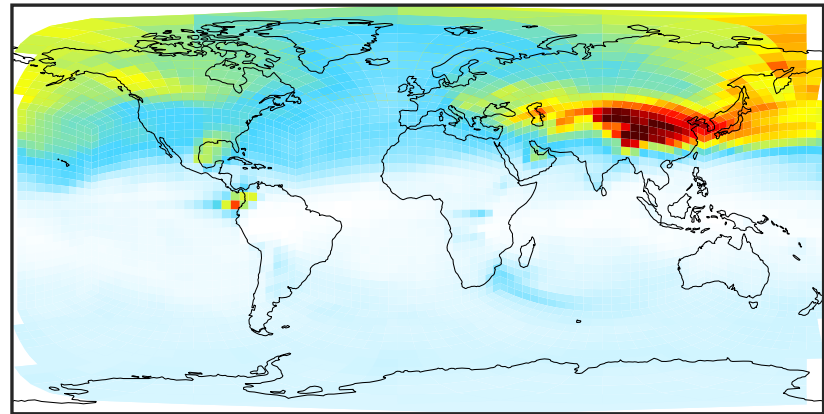
SpeciesConcVV_SO4 (Apr2019)

GCC_14.2.0 (Ref)
4.0x5.0



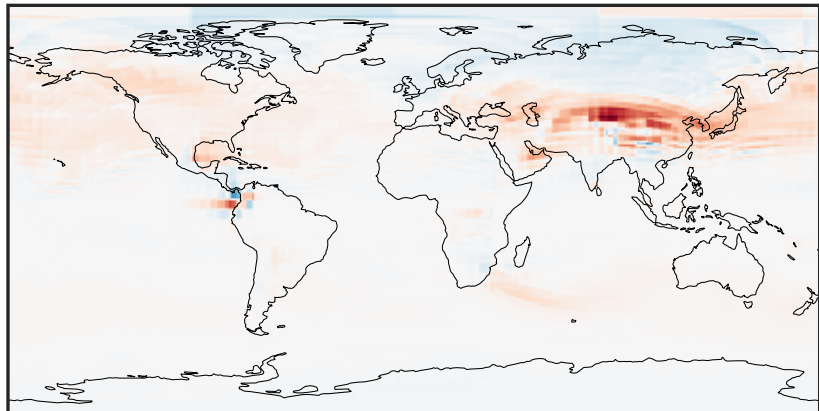
0.0017 0.0623 0.1246 0.1869 0.2509
ppb

GCHP_14.2.0 (Dev)
c24



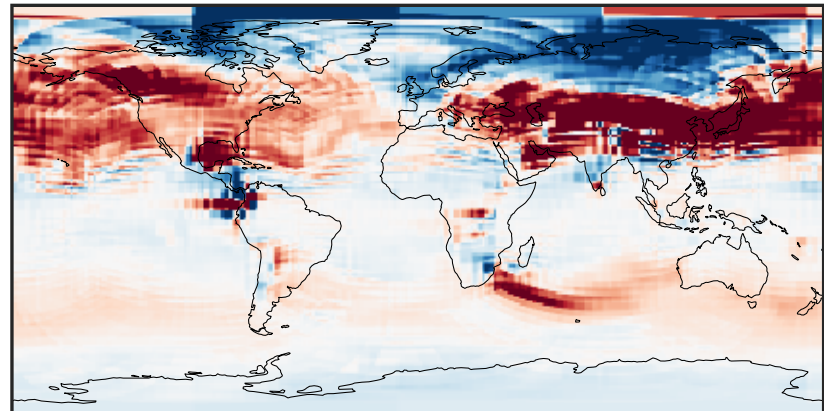
0.0017 0.0623 0.1246 0.1869 0.2509
ppb

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



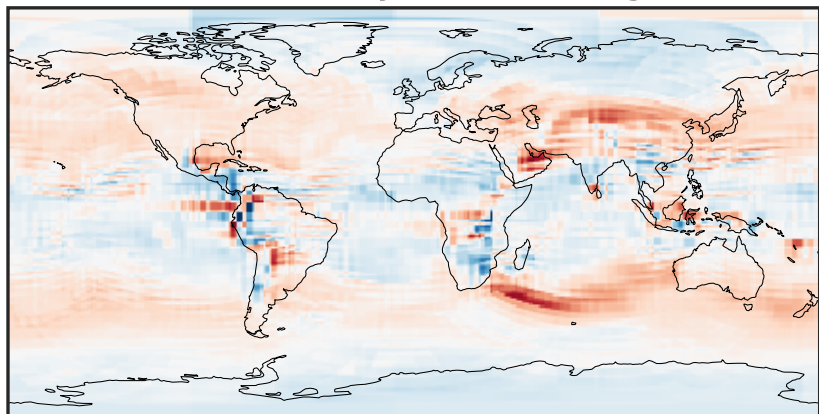
-0.1382 -0.0691 0.0000 0.0691 0.1382
ppb

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



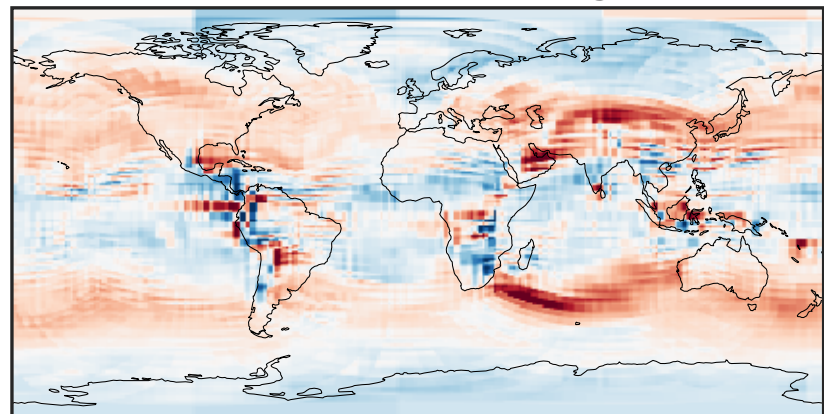
-0.01 0.00 0.01
ppb

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



0.357 0.679 1.000 1.900 2.801
unitless

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



0.50 0.75 1.00 1.50 2.00
unitless