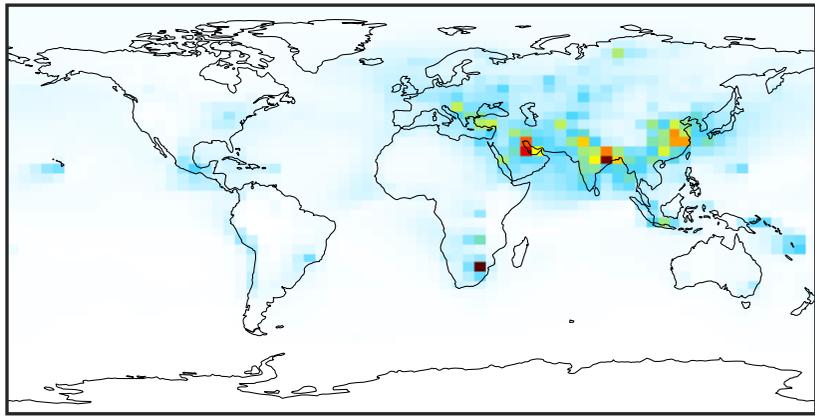


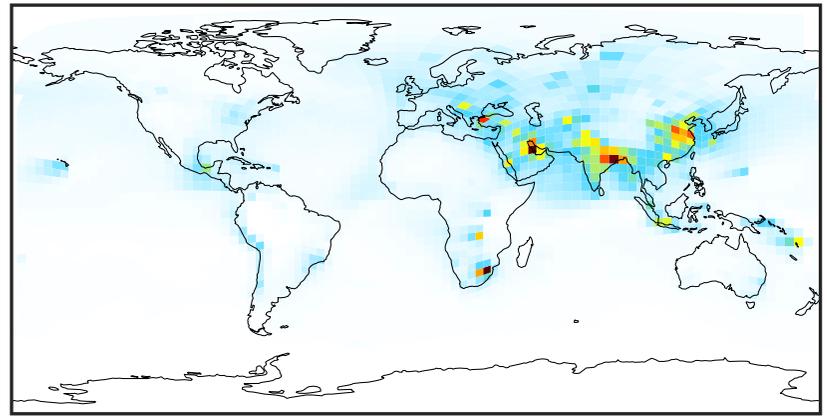
SpeciesConcVV_SOx (Apr2019)

GCC_14.2.0 (Ref)
4.0x5.0



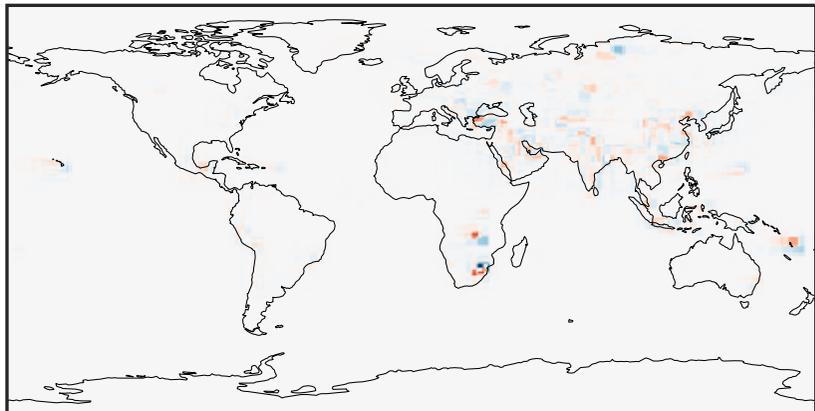
0.02 2.74 5.49 8.23 11.00
ppb

GCHP_14.2.0 (Dev)
c24



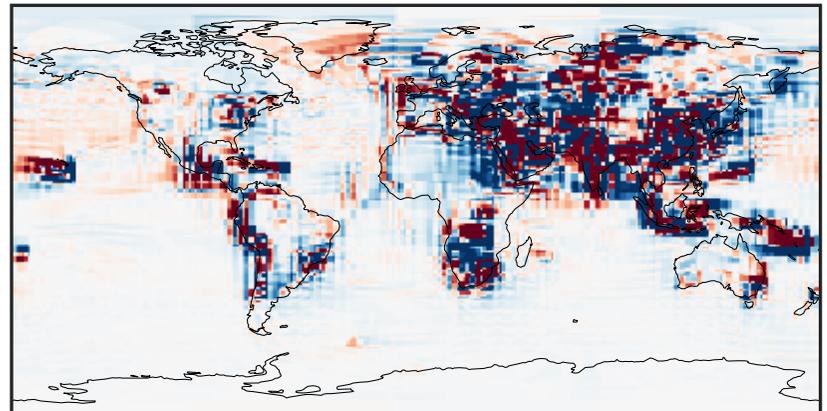
0.02 2.74 5.49 8.23 11.00
ppb

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



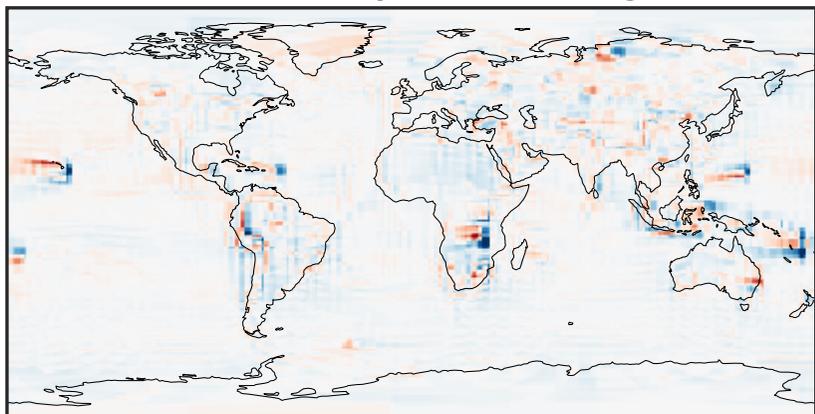
-8.47 -4.24 0.00 4.24 8.47
ppb

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



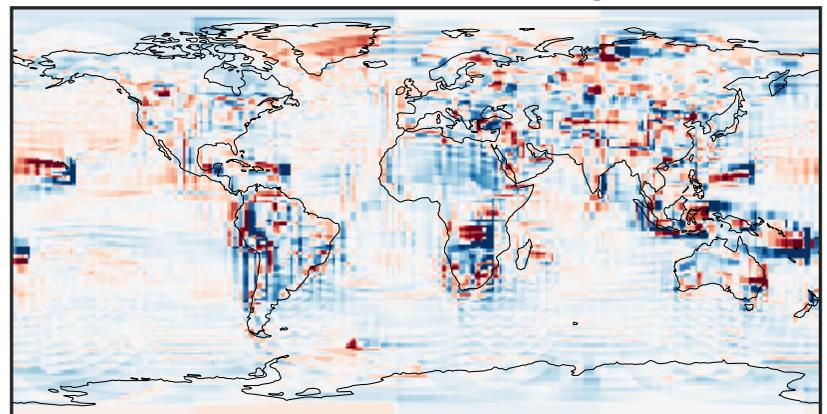
-0.166 -0.083 0.000 0.083 0.166
ppb

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



0.103 0.551 1.000 5.376 9.752
unitless

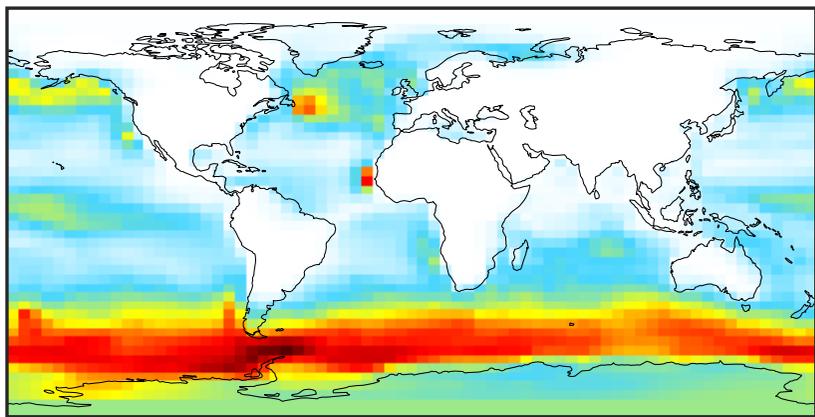
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

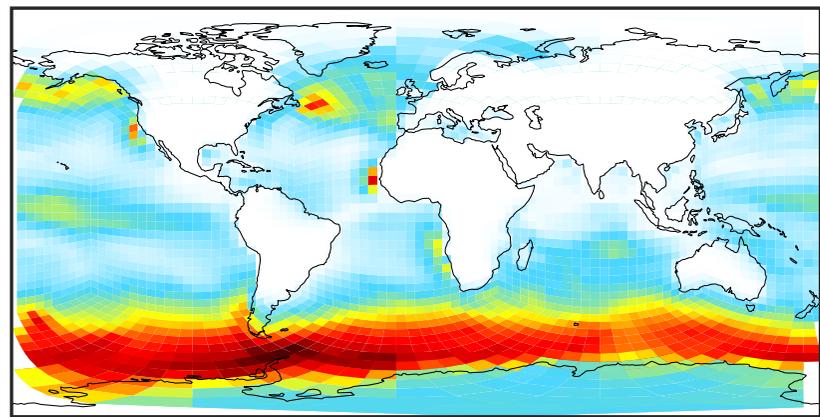
SpeciesConcVV_DMS (Apr2019)

GCC_14.2.0 (Ref)
4.0x5.0



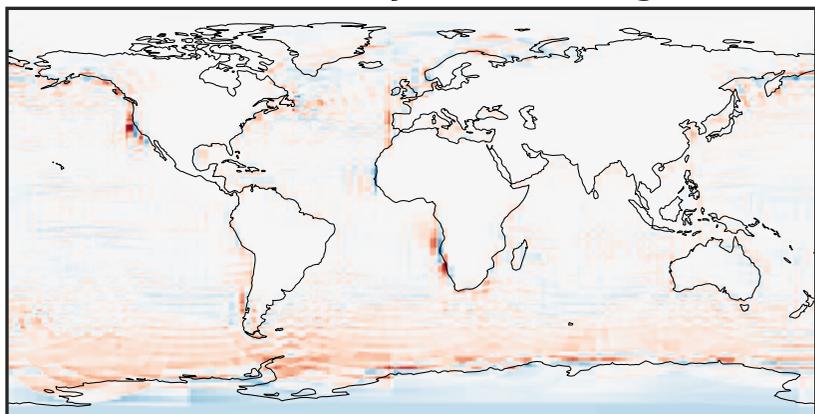
0.0000 0.0933 0.1866 0.2799 0.3732
ppb

GCHP_14.2.0 (Dev)
c24



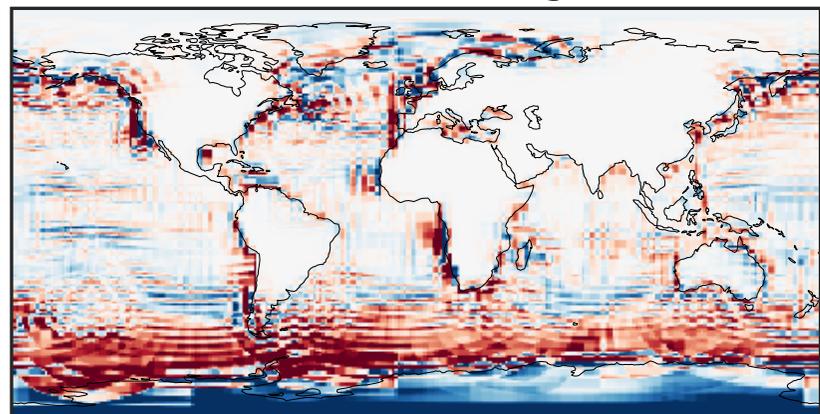
0.0000 0.0933 0.1866 0.2799 0.3732
ppb

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



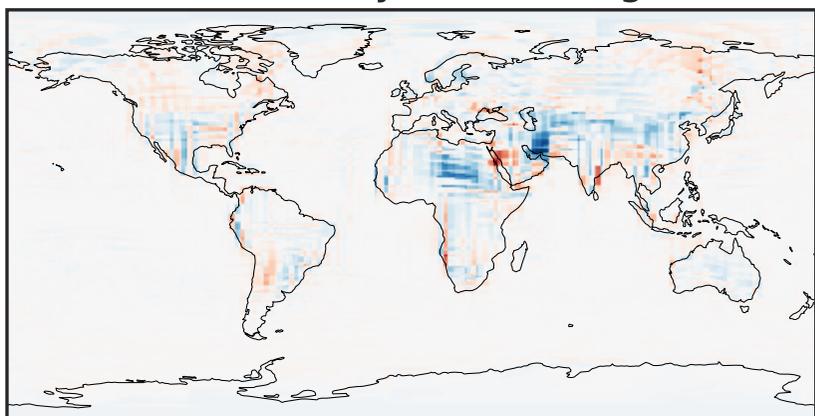
-0.1461 -0.0731 0.0000 0.0731 0.1461
ppb

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



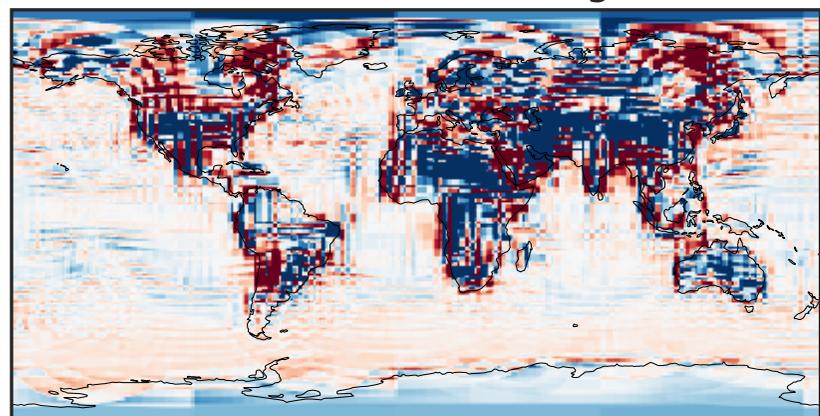
-0.015 0.000 0.015
ppb

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



unitless

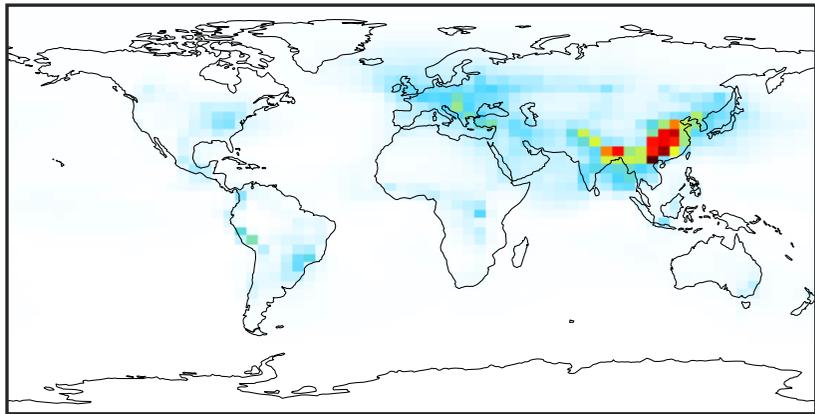
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

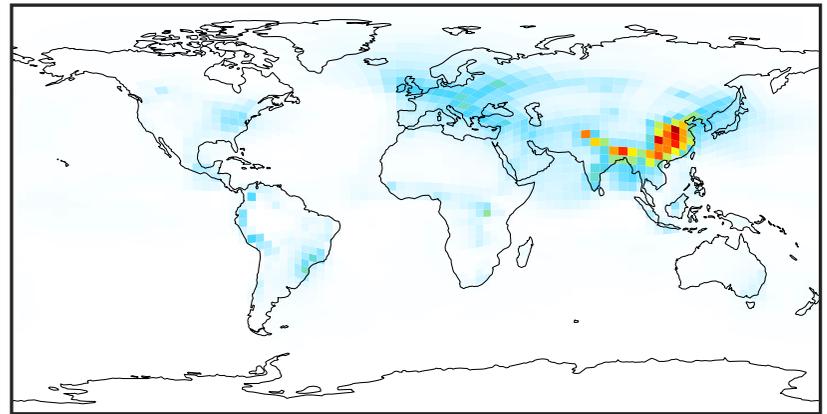
SpeciesConcVV_HMS (Apr2019)

GCC_14.2.0 (Ref)
4.0x5.0



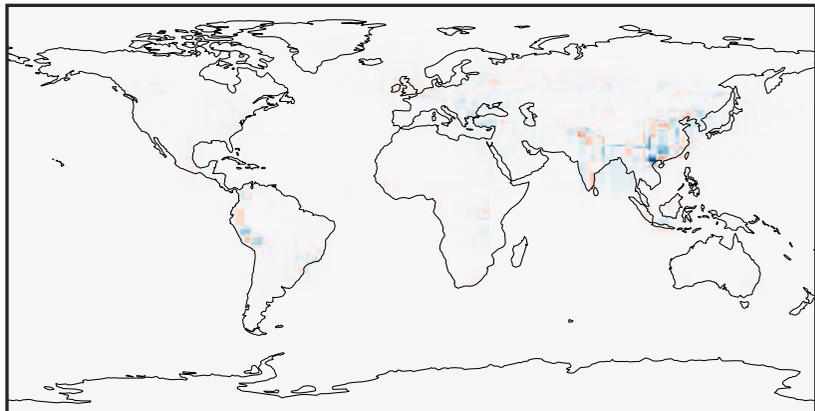
0.0006 0.1865 0.3730 0.5595 0.7466
ppb

GCHP_14.2.0 (Dev)
c24



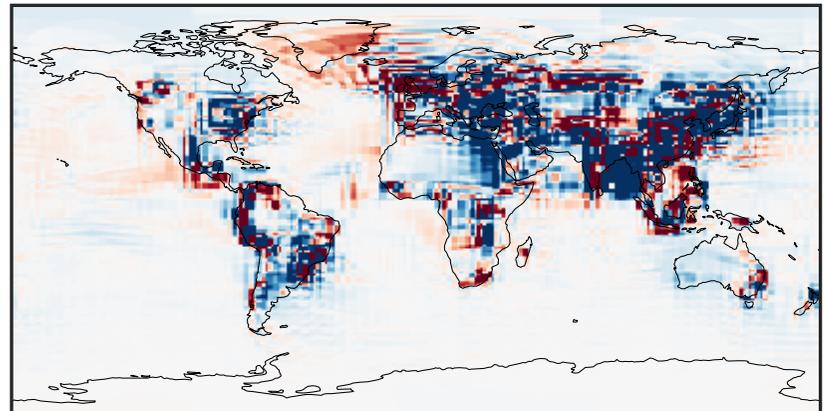
0.0006 0.1865 0.3730 0.5595 0.7466
ppb

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



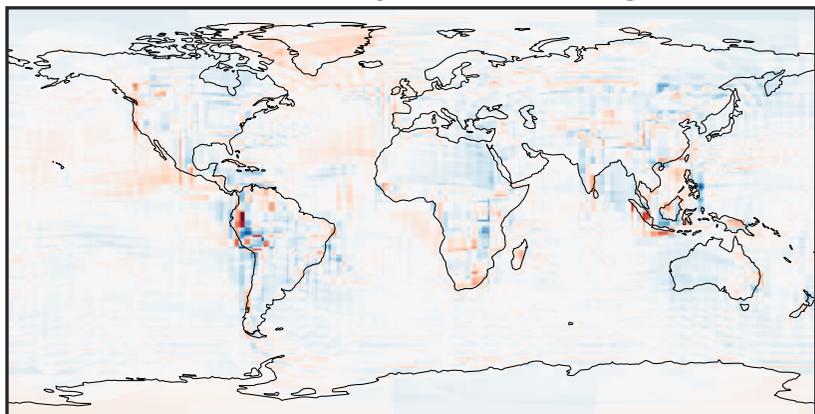
-0.506 -0.253 0.000 0.253 0.506
ppb

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



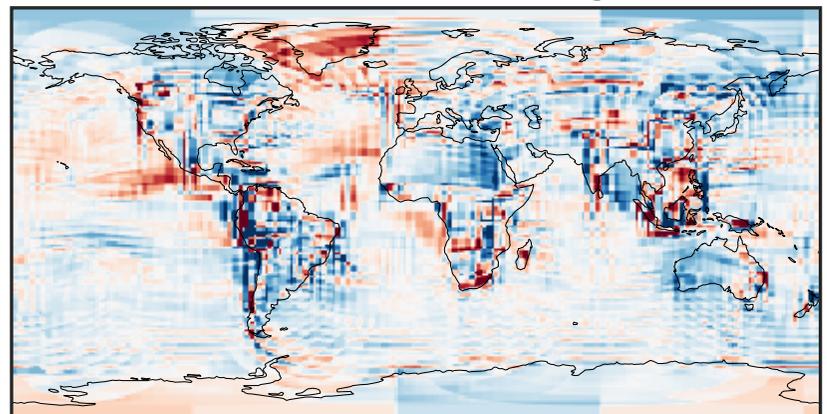
-0.006 0.000 0.006
ppb

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



1e-01 1 10
unitless

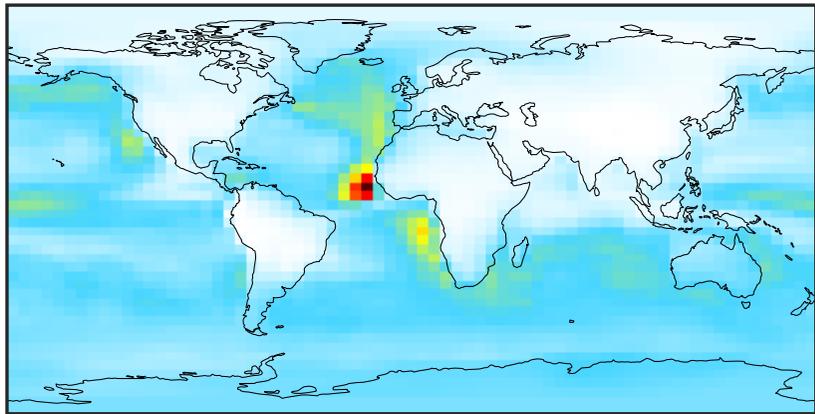
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

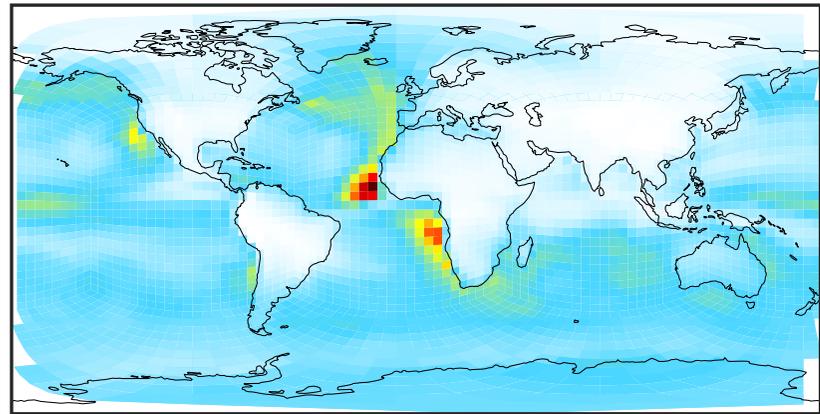
SpeciesConcVW_MSA (Apr2019)

GCC_14.2.0 (Ref)
4.0x5.0



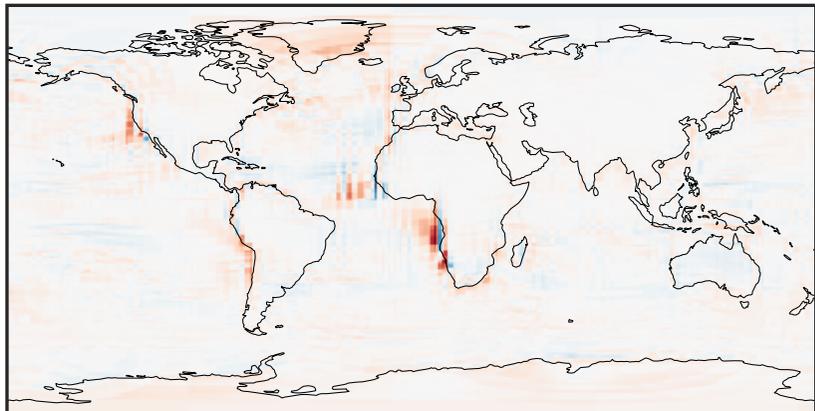
0.015 0.030 0.045
ppb

GCHP_14.2.0 (Dev)
c24



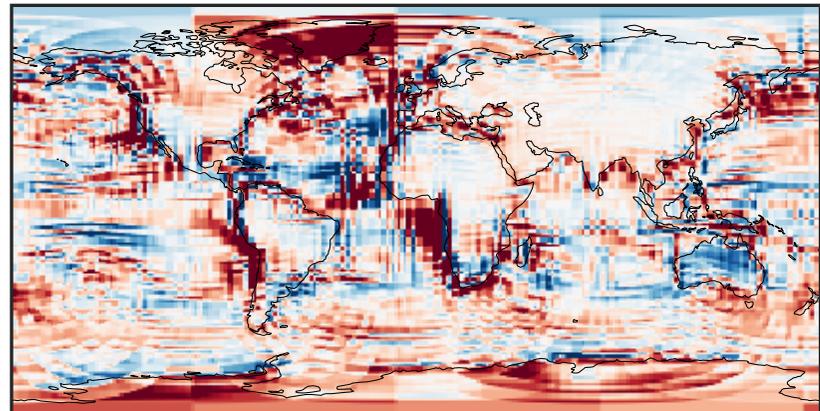
0.015 0.030 0.045
ppb

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



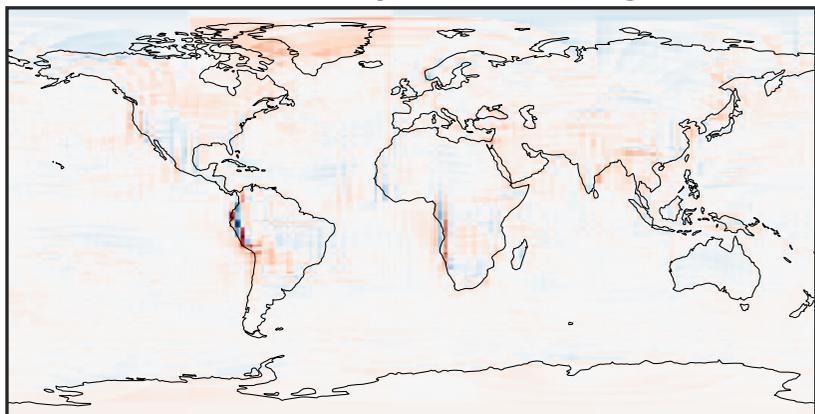
-0.008 0.000 0.008
ppb

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



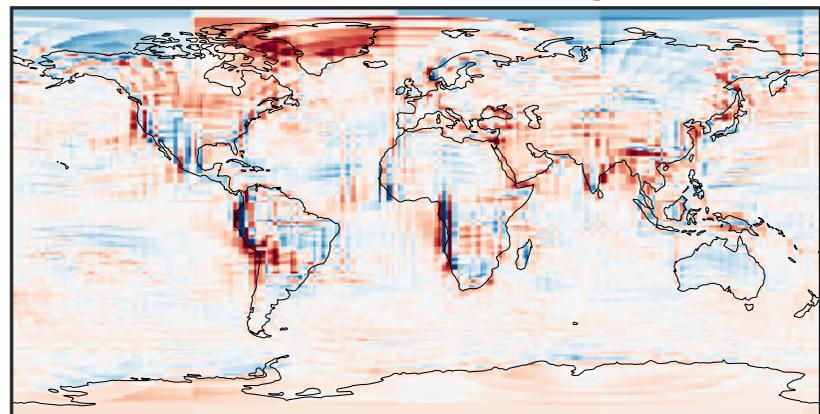
-0.0008 0.0000 0.0008
ppb

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



1e-01 1 10
unitless

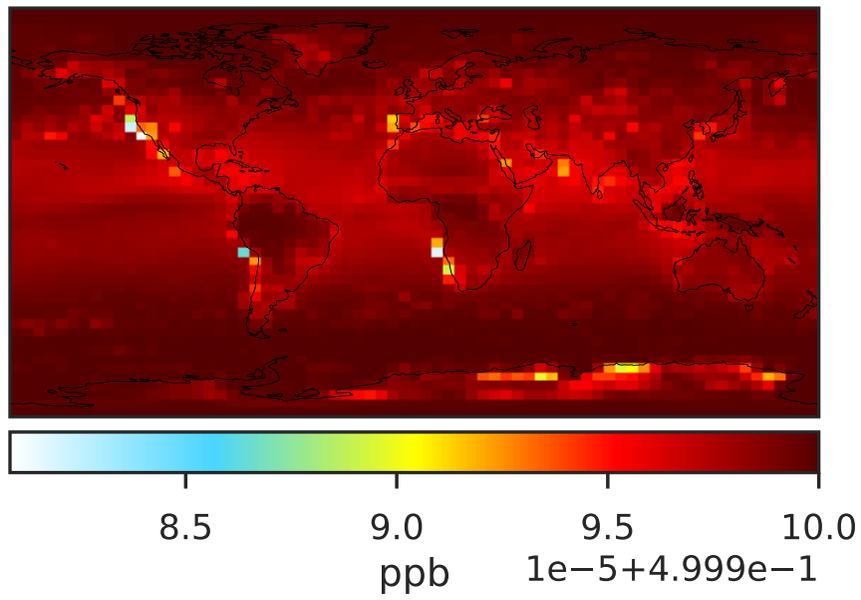
Ratio (1x1.25)
Dev/Ref, Fixed Range



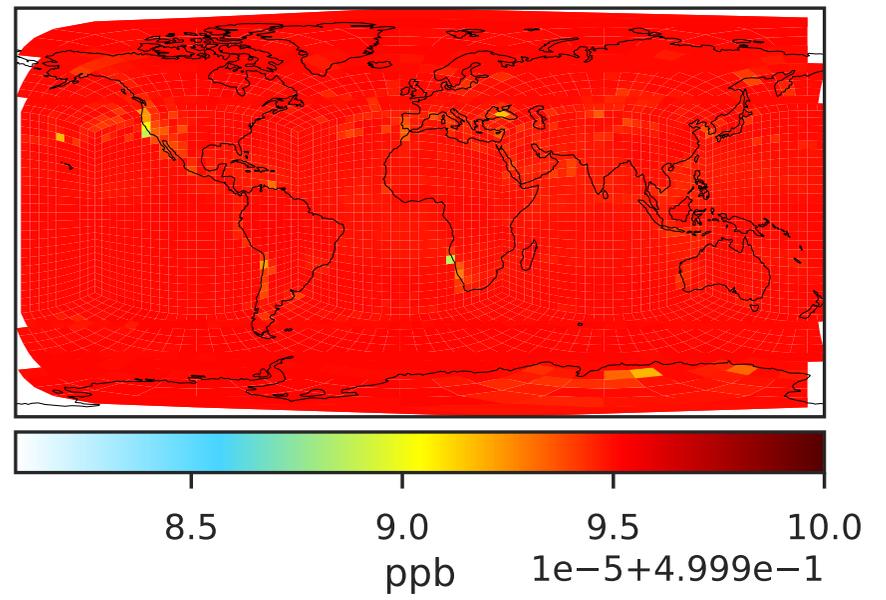
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_OCS (Apr2019)

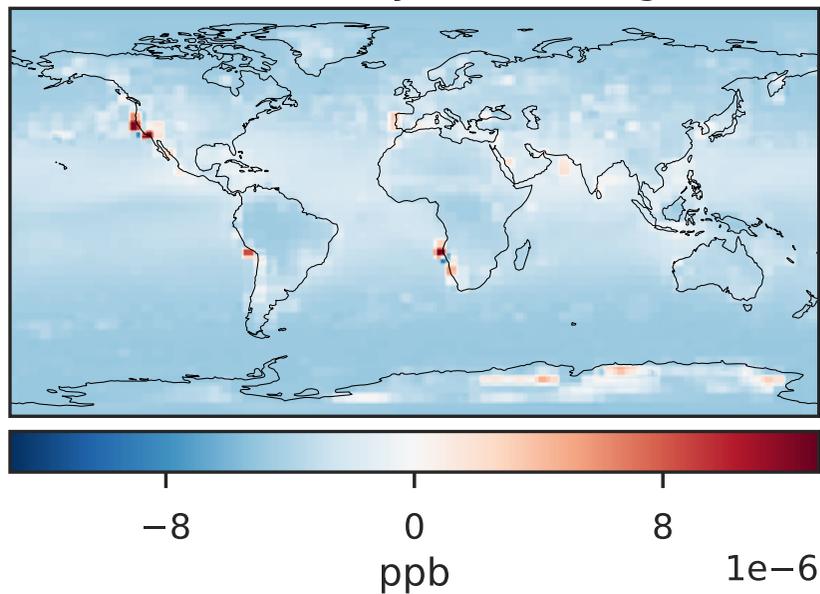
GCC_14.2.0 (Ref)
4.0x5.0



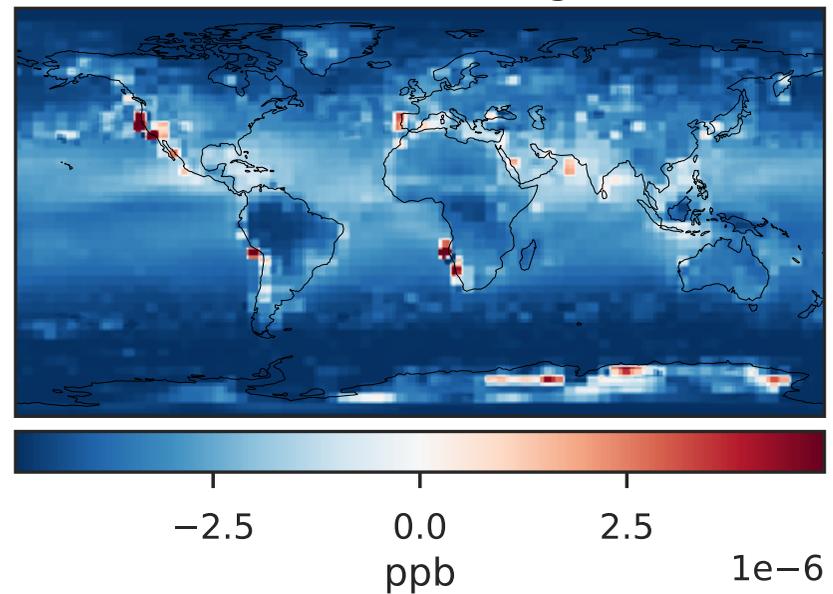
GCHP_14.2.0 (Dev)
c24



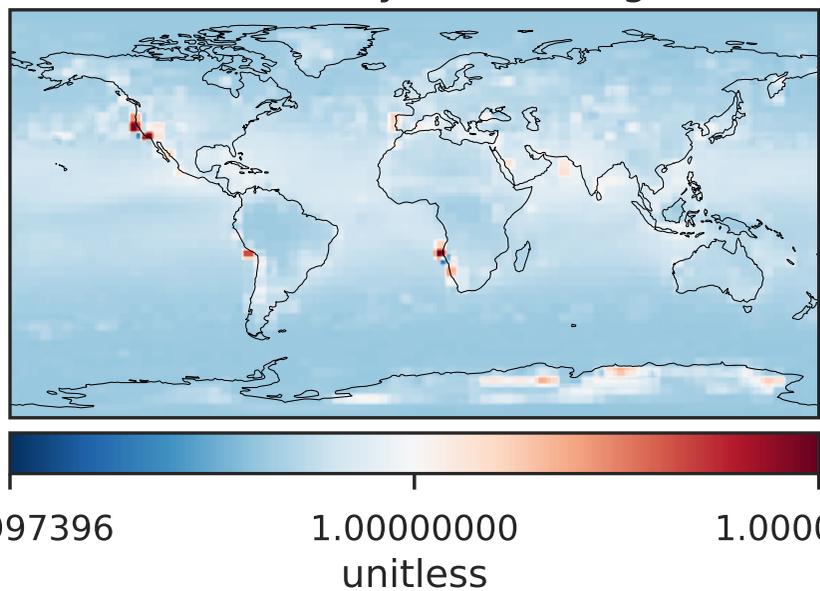
Difference (1x1.25)
Dev - Ref, Dynamic Range



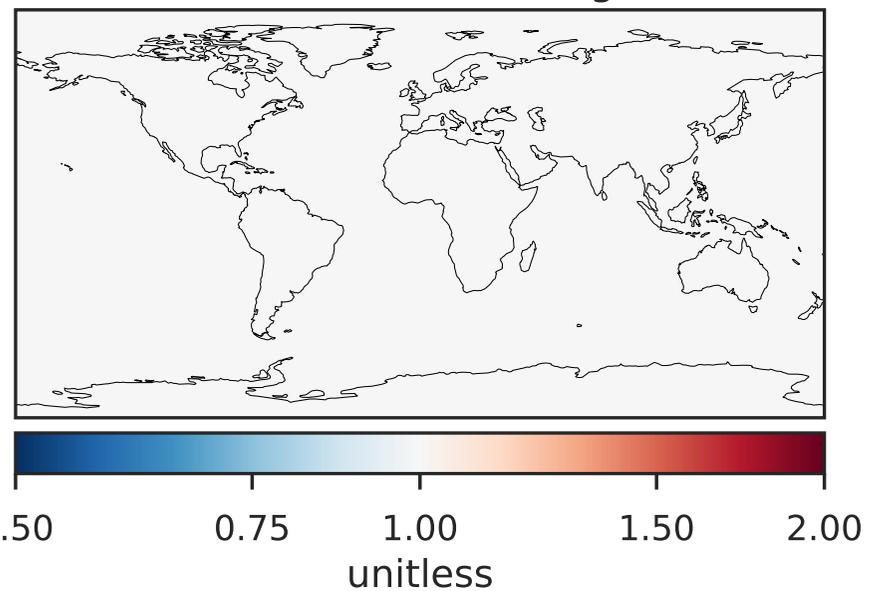
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

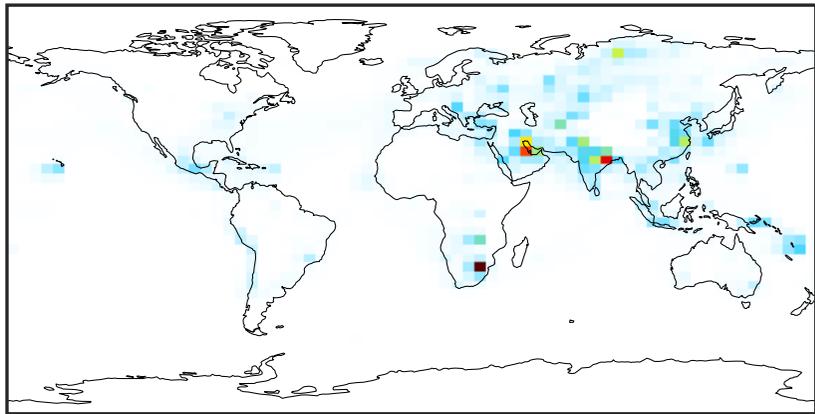


Ratio (1x1.25)
Dev/Ref, Fixed Range



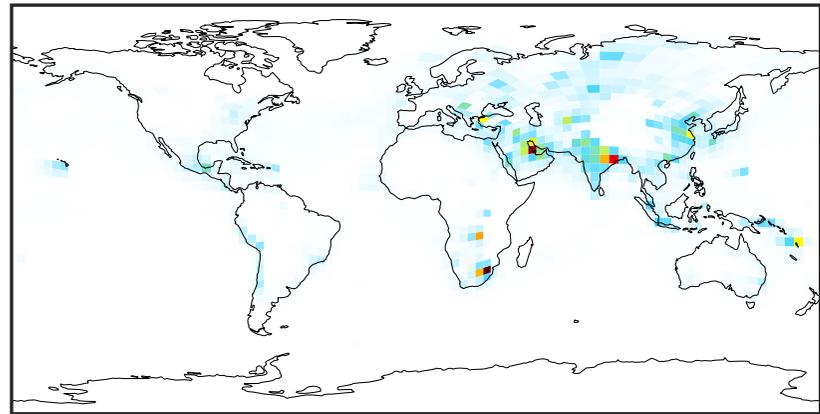
SpeciesConcVV_SO2 (Apr2019)

GCC_14.2.0 (Ref)
4.0x5.0



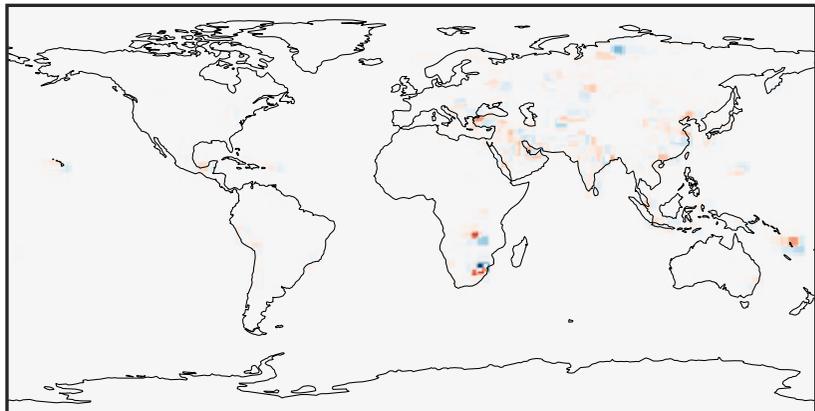
0.000 2.192 4.383 6.575 8.766
ppb

GCHP_14.2.0 (Dev)
c24



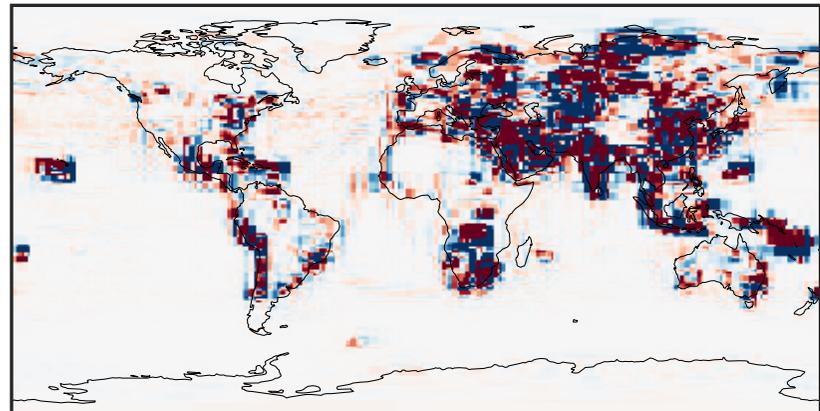
0.000 2.192 4.383 6.575 8.766
ppb

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



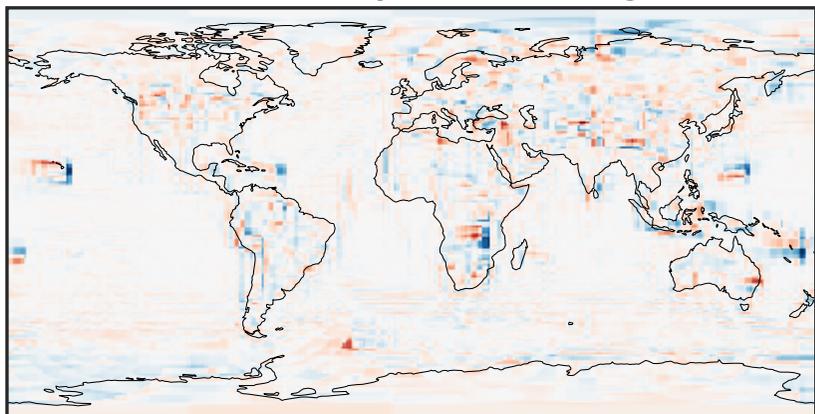
-7.28 -3.64 0.00 3.64 7.28
ppb

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



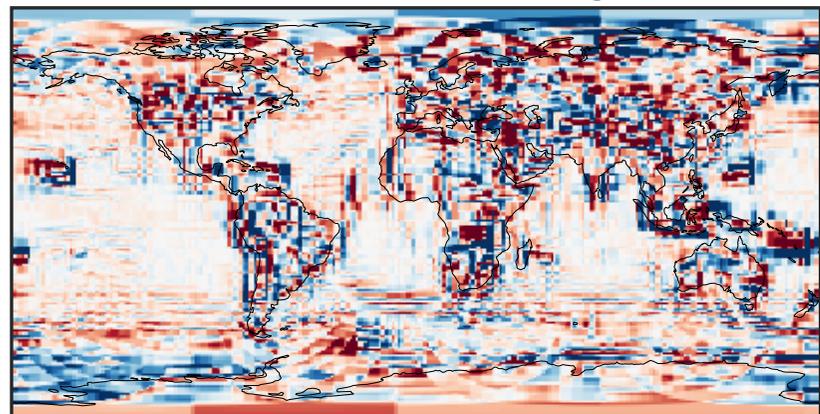
-0.0812 -0.0406 0.0000 0.0406 0.0812
ppb

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



1e-01 1 10
unitless

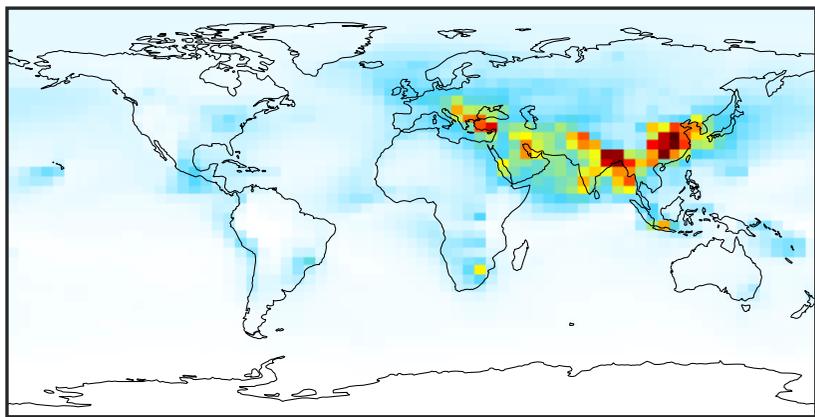
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

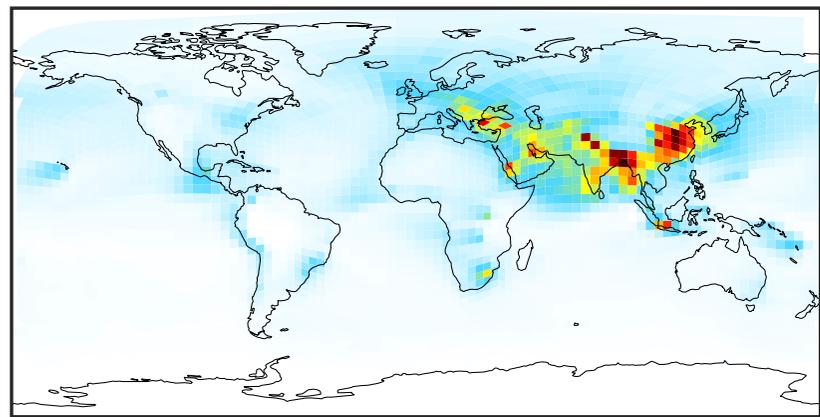
SpeciesConcVV_SO4 (Apr2019)

GCC_14.2.0 (Ref)
4.0x5.0



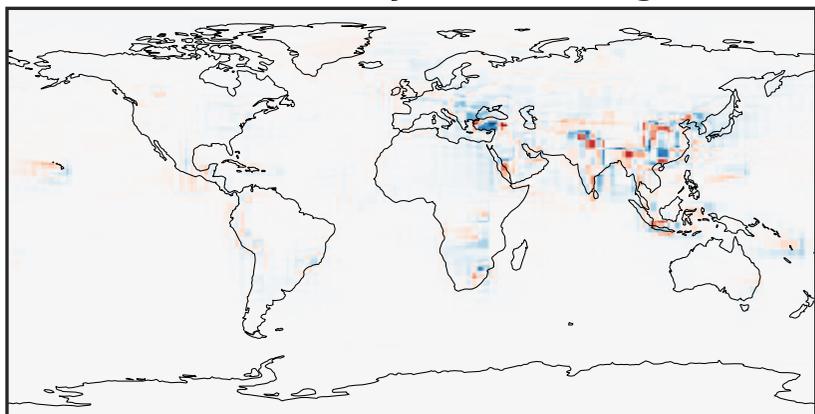
0.018 1.085 2.170 3.255 4.358
ppb

GCHP_14.2.0 (Dev)
c24



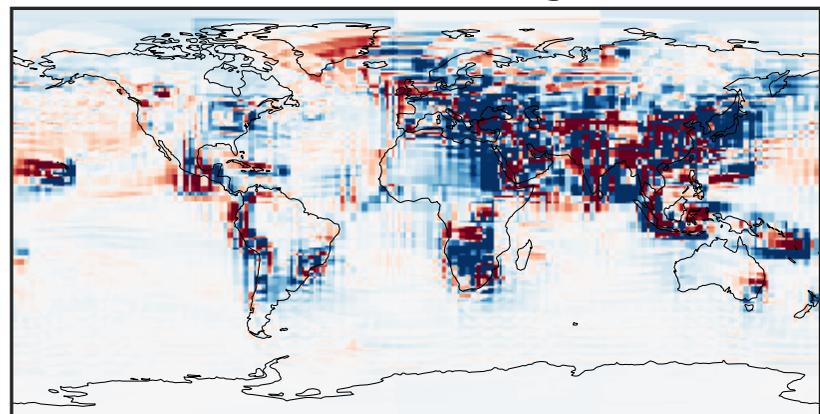
0.018 1.085 2.170 3.255 4.358
ppb

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



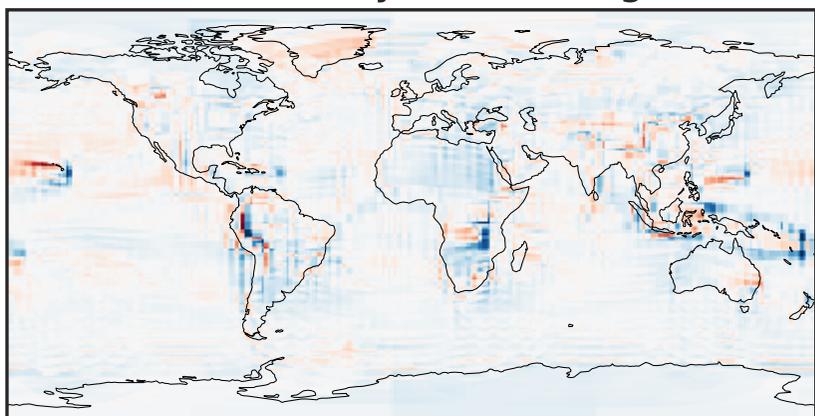
-1.76 -0.88 0.00 0.88 1.76
ppb

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



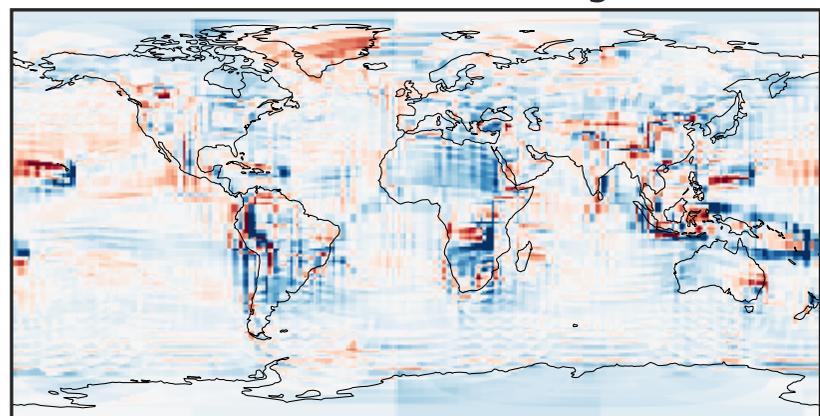
-0.1164 -0.0582 0.0000 0.0582 0.1164
ppb

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



0.206 0.603 1.000 2.933 4.866
unitless

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



0.50 0.75 1.00 1.50 2.00
unitless