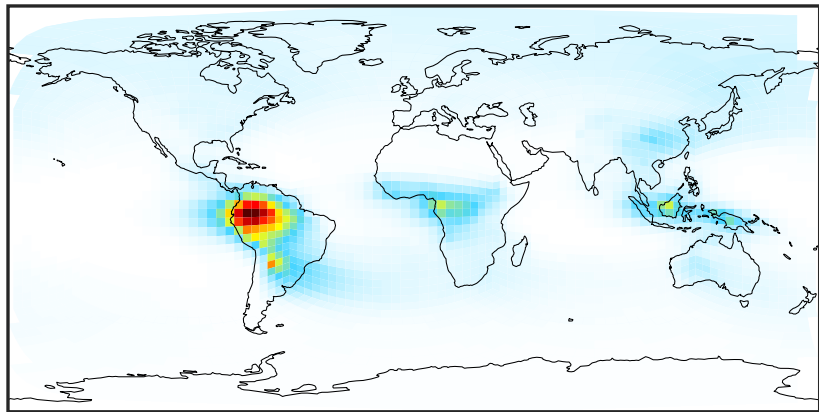


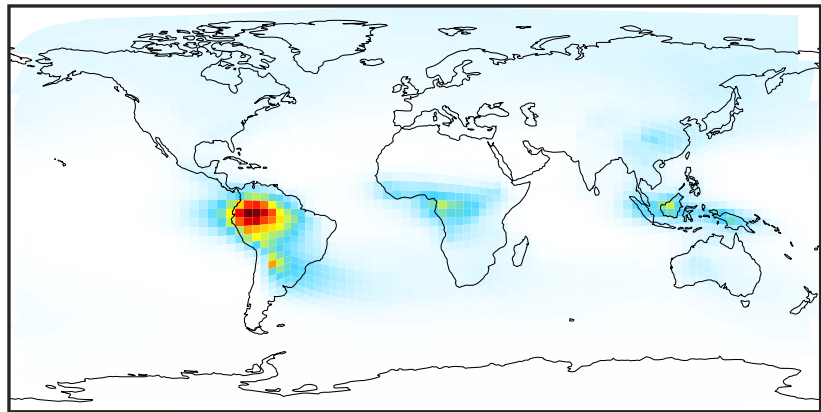
SpeciesConcVW_EOH (AnnualMean)

GCHP_14.0.0 (Ref)
c24



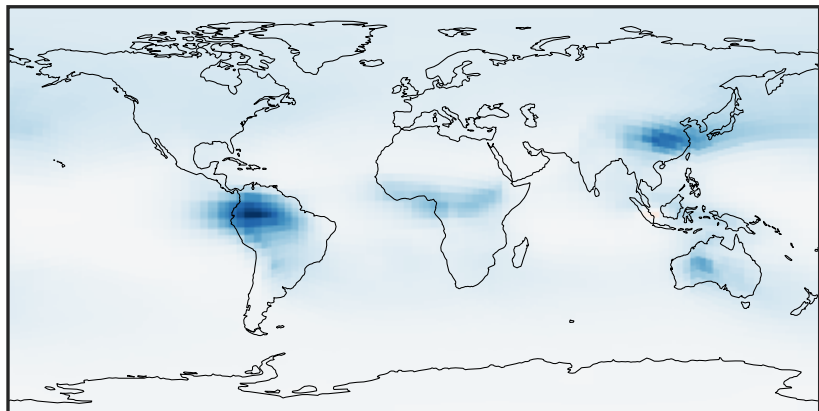
0.0001 0.0522 0.1045 0.1567 0.2091
ppb

GCHP_14.2.0 (Dev)
c24



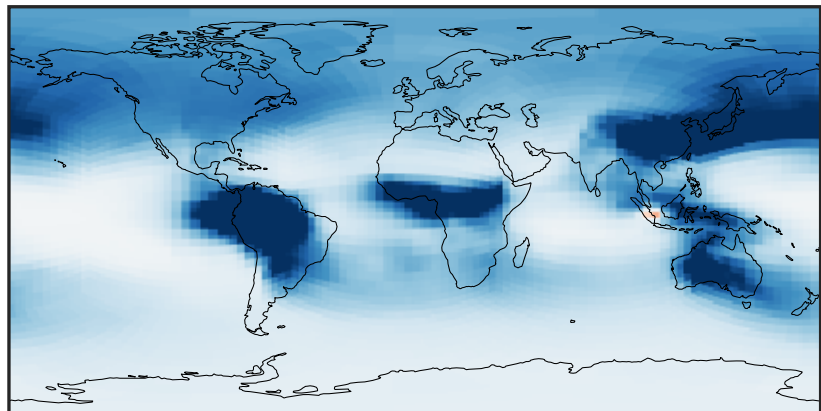
0.0001 0.0522 0.1045 0.1567 0.2091
ppb

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



-0.005 0.000 0.005
ppb

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



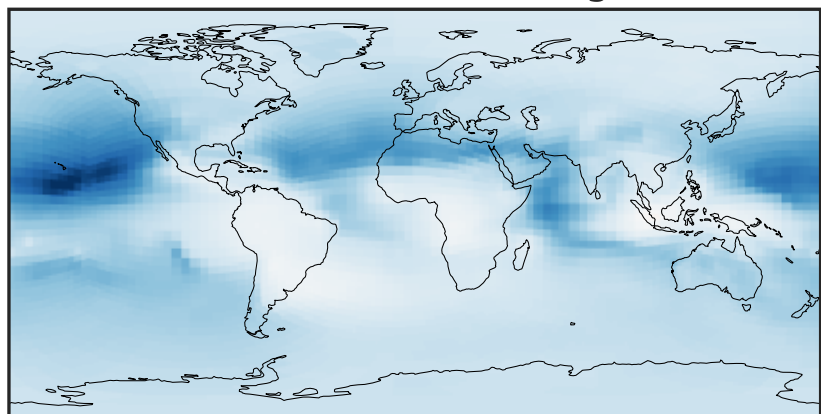
-0.0015 0.0000 0.0015
ppb

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



0.98269 0.99135 1.00000 1.00881 1.01761
unitless

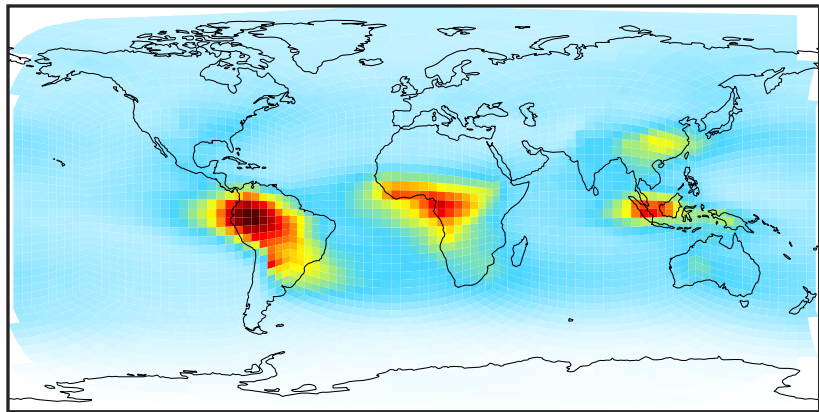
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

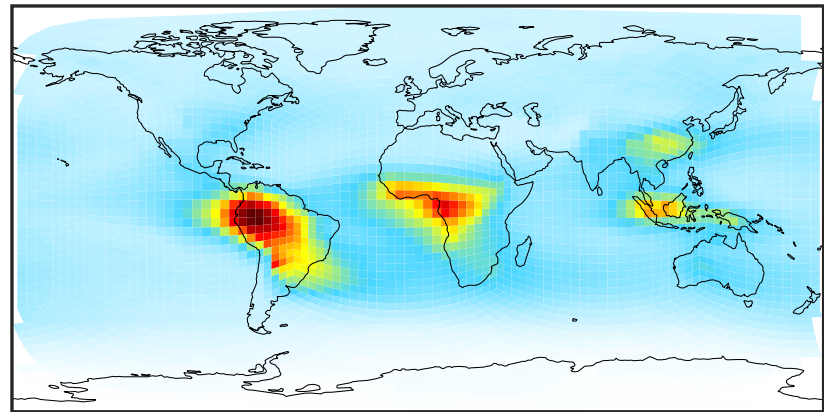
SpeciesConcVV_MOH (AnnualMean)

GCHP_14.0.0 (Ref)
c24



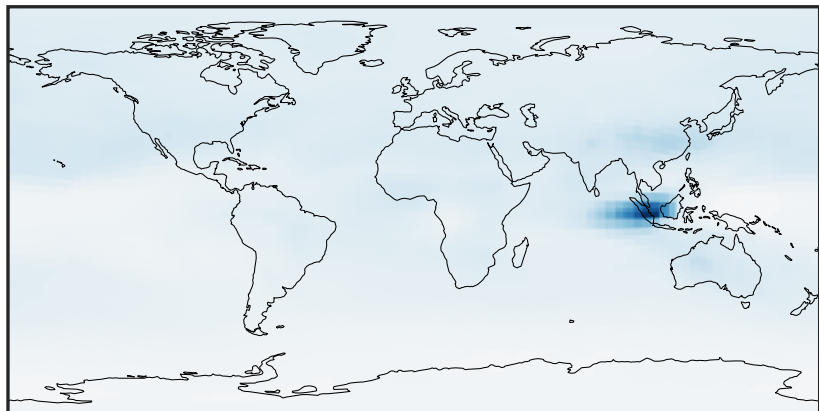
0.126 0.346 0.693 1.039 1.512
ppb

GCHP_14.2.0 (Dev)
c24



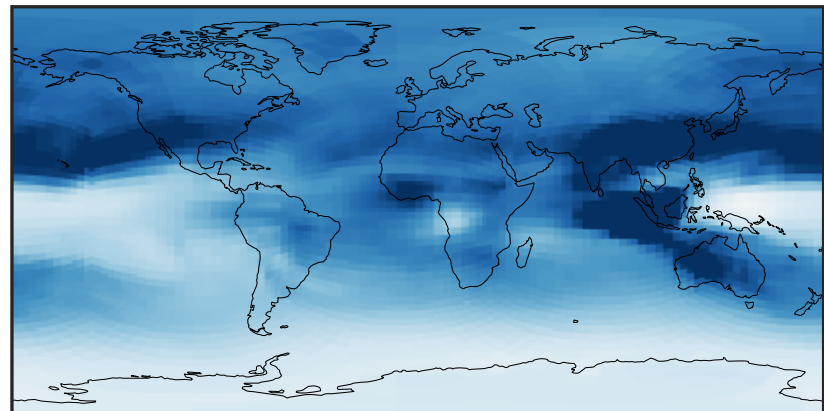
0.126 0.346 0.693 1.039 1.512
ppb

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



-0.24 -0.12 0.00 0.12 0.24
ppb

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



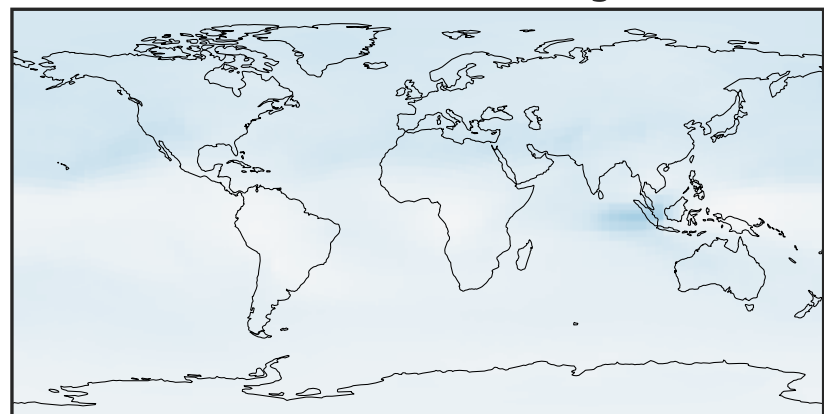
-0.025 0.000 0.025
ppb

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



0.996528 0.998264 1.000000 1.001742 1.003484
unitless

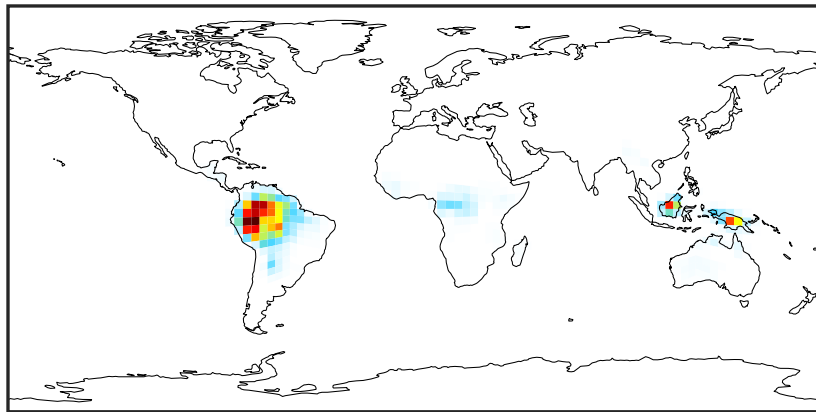
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

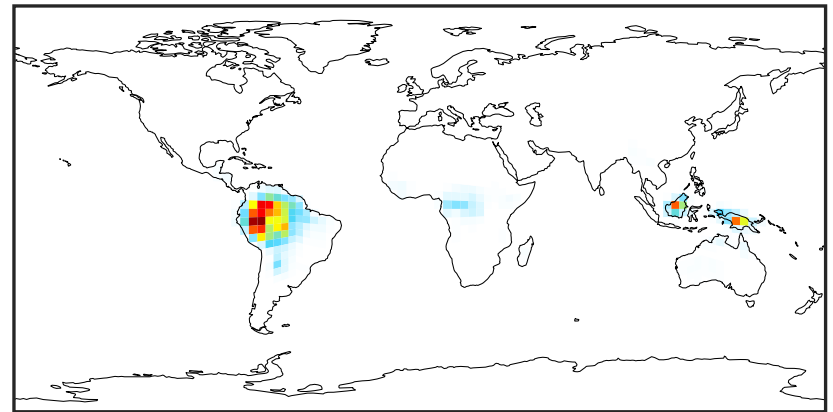
SpeciesConcVV_ISOP (AnnualMean)

GCHP_14.0.0 (Ref)
c24



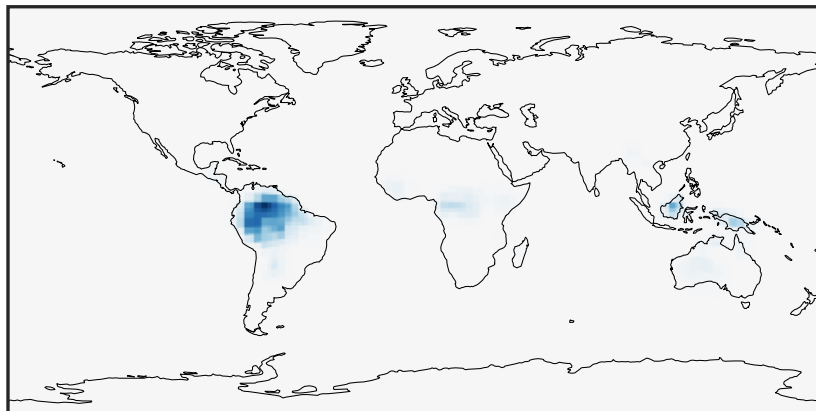
0.0000 0.0285 0.0570 0.0856 0.1141
ppb

GCHP_14.2.0 (Dev)
c24



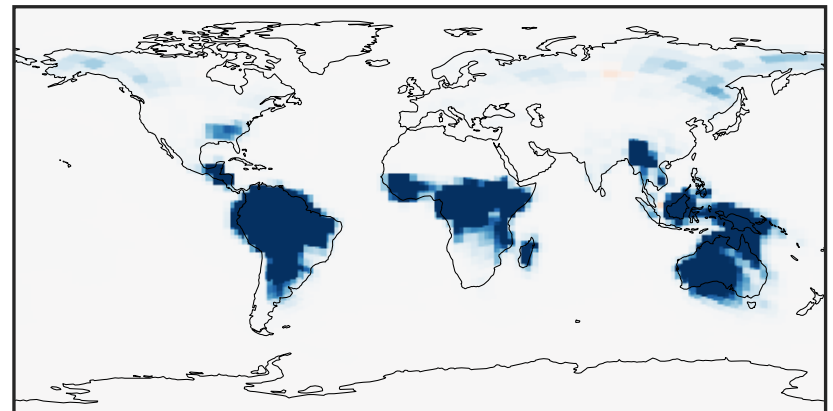
0.0000 0.0285 0.0570 0.0856 0.1141
ppb

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



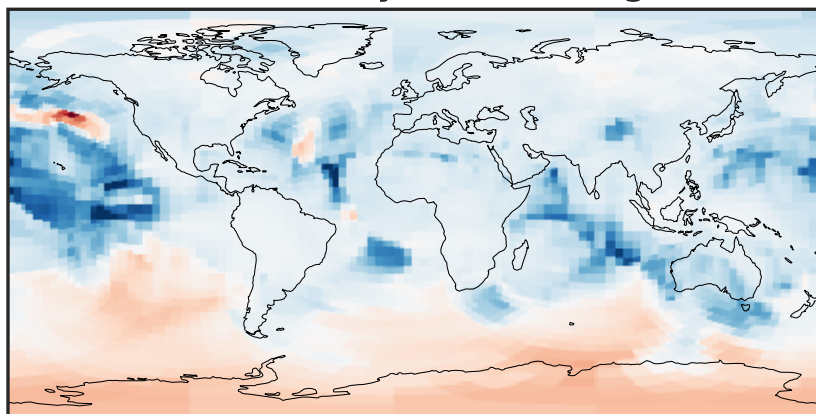
-0.008 0.000 0.008
ppb

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



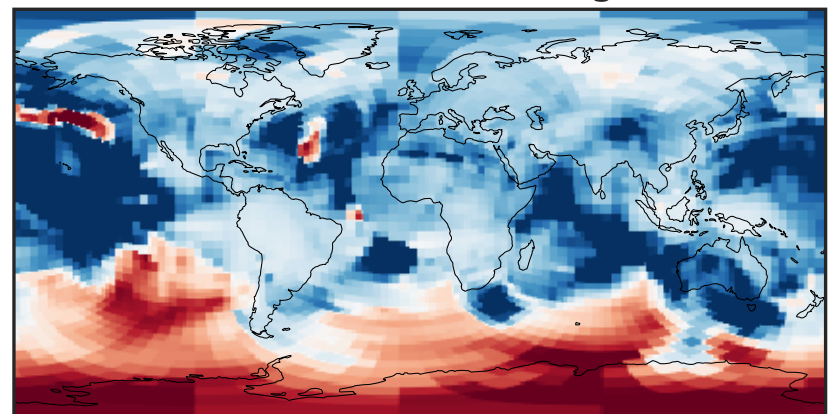
-5 0 5
ppb 1e-5

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



1e-01 1 10
unitless

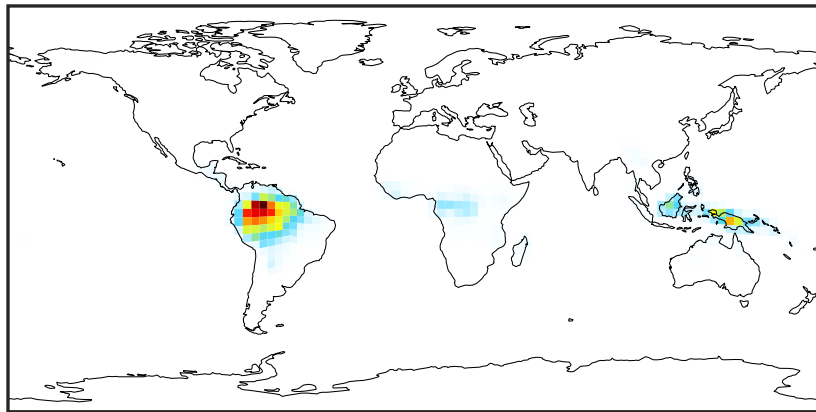
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

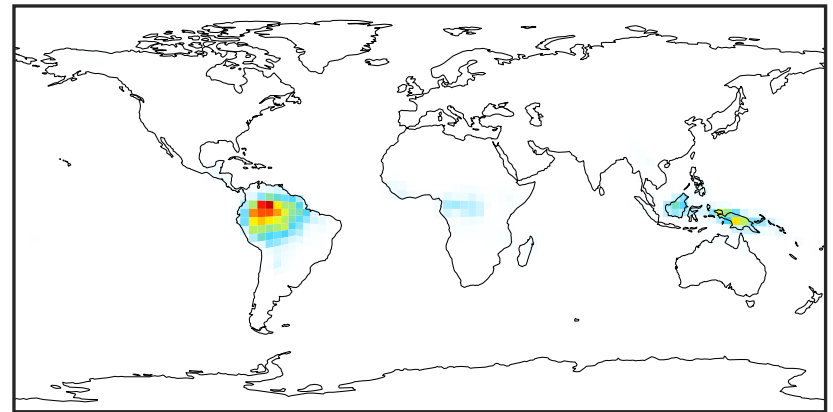
SpeciesConcVV_MTPA (AnnualMean)

GCHP_14.0.0 (Ref)
c24



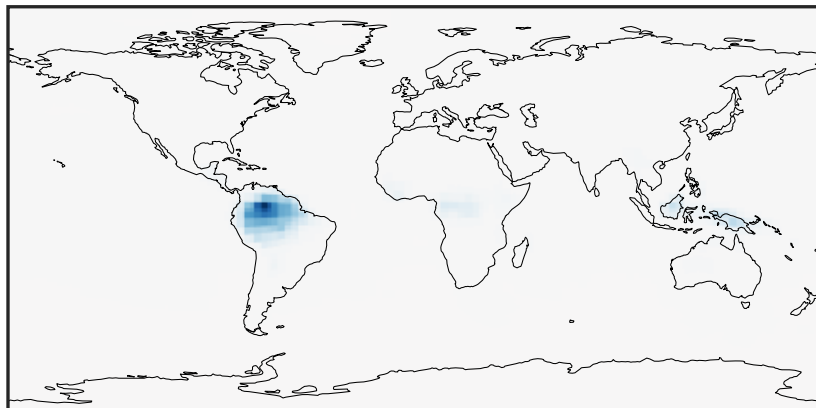
0.000 0.003 0.006 0.009
ppb

GCHP_14.2.0 (Dev)
c24



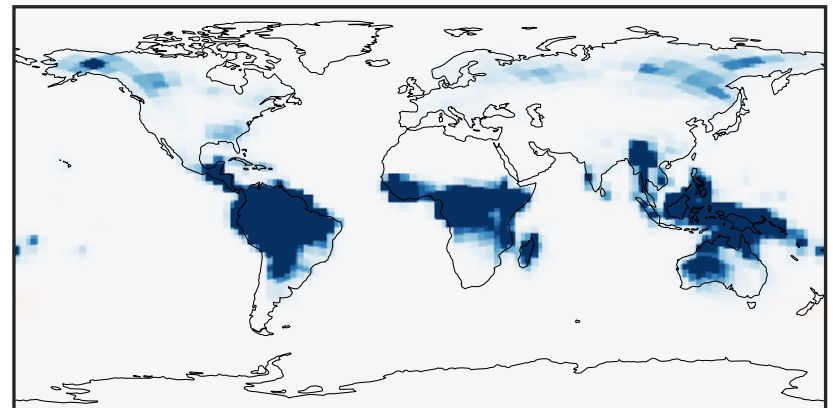
0.000 0.003 0.006 0.009
ppb

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



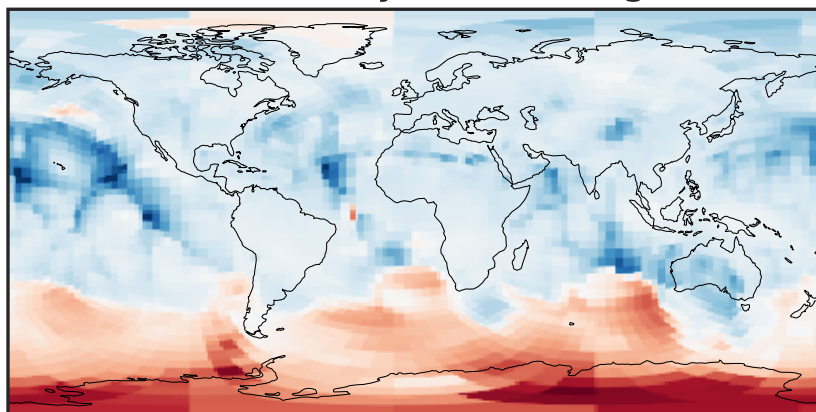
-0.001 0.000 0.001
ppb

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



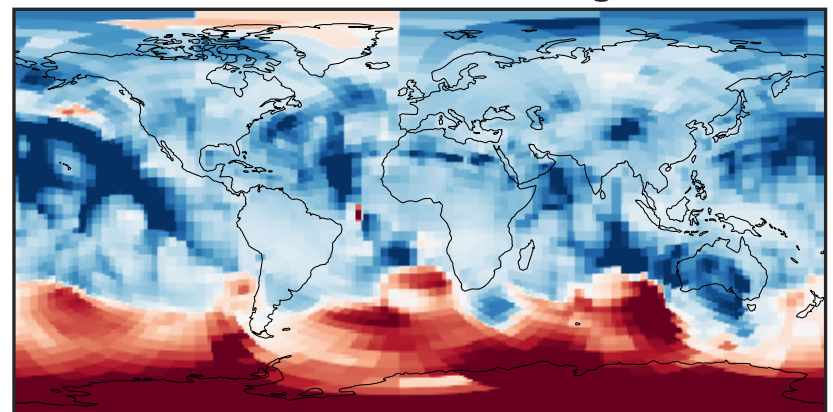
-6 0 6
ppb 1e-6

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



0.193 0.596 1.000 3.097 5.194
unitless

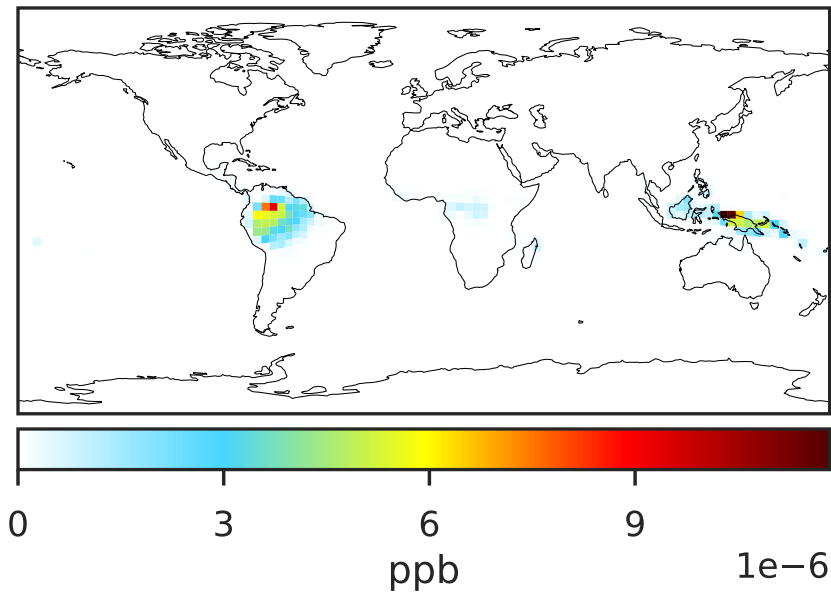
Ratio (1x1.25)
Dev/Ref, Fixed Range



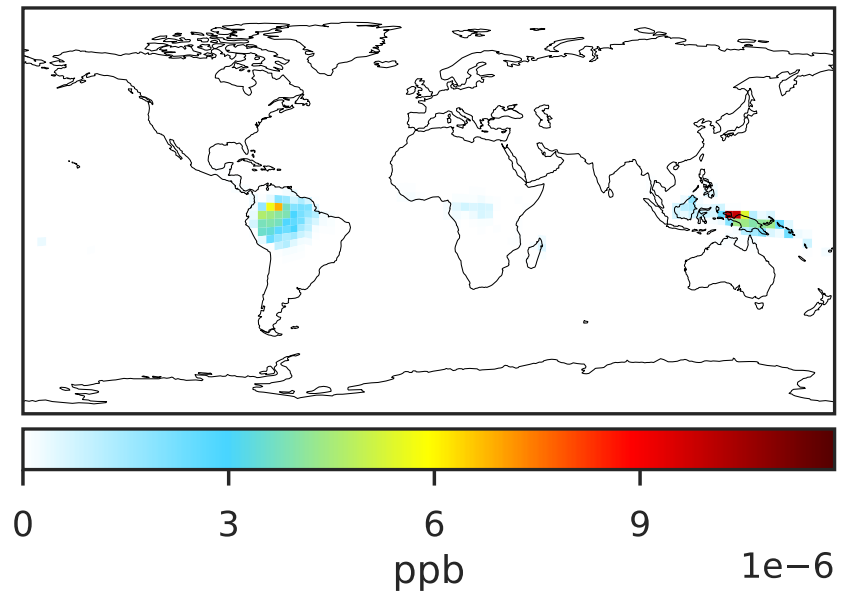
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_MTPO (AnnualMean)

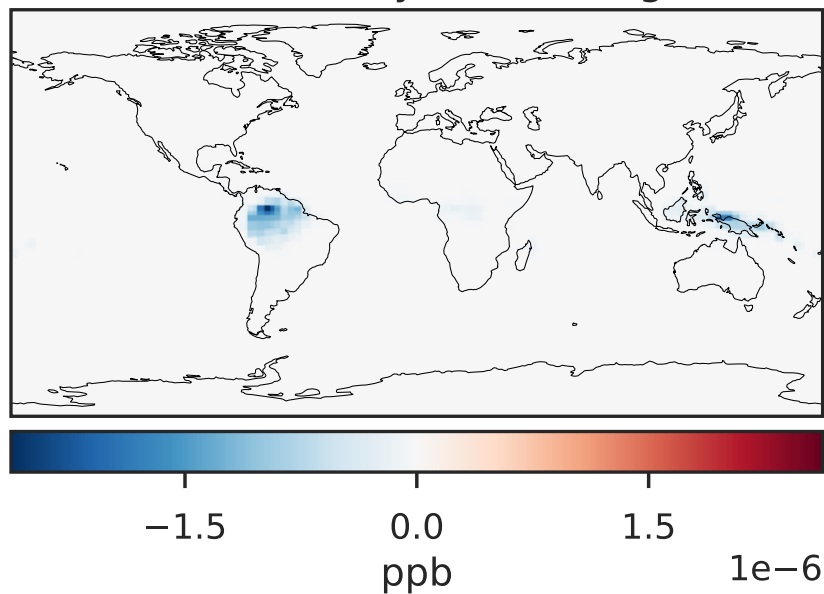
GCHP_14.0.0 (Ref)
c24



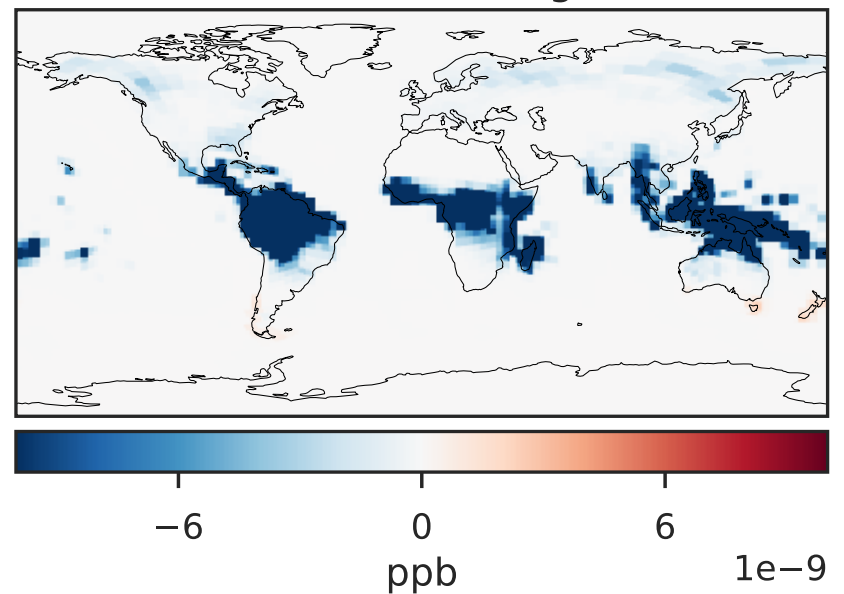
GCHP_14.2.0 (Dev)
c24



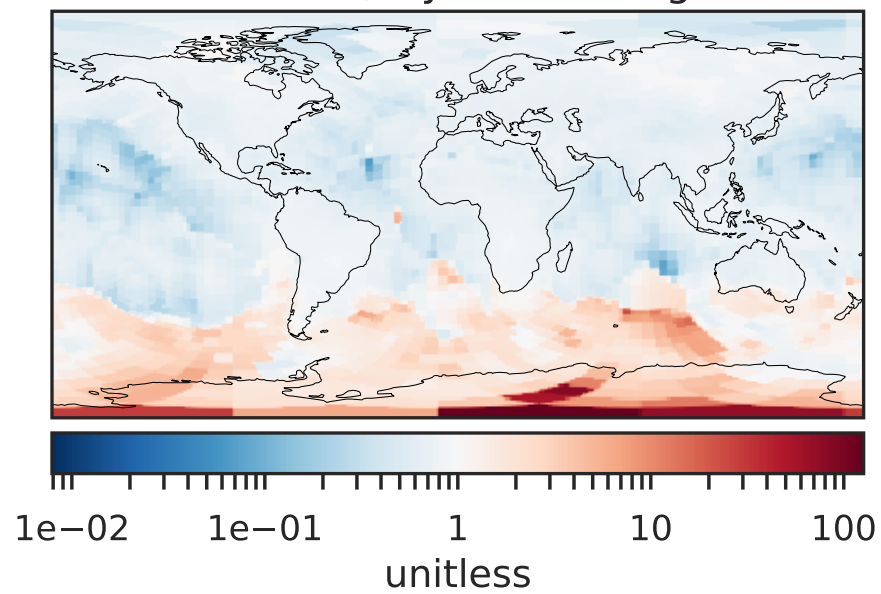
Difference (1x1.25)
Dev - Ref, Dynamic Range



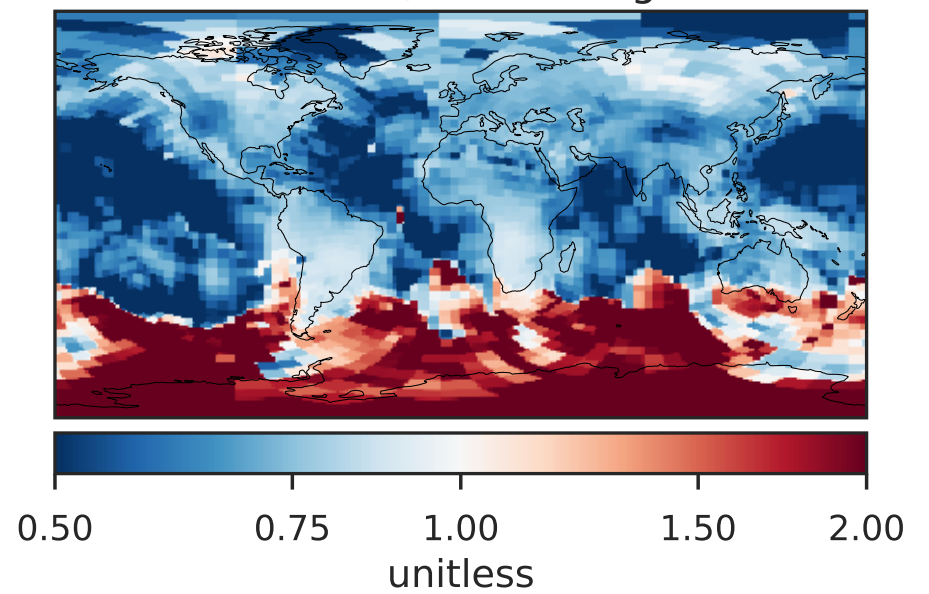
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

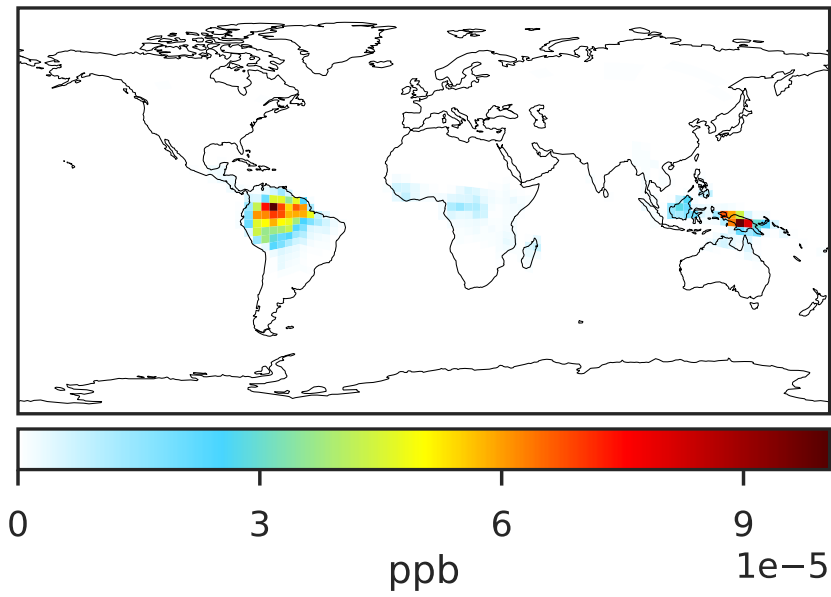


Ratio (1x1.25)
Dev/Ref, Fixed Range

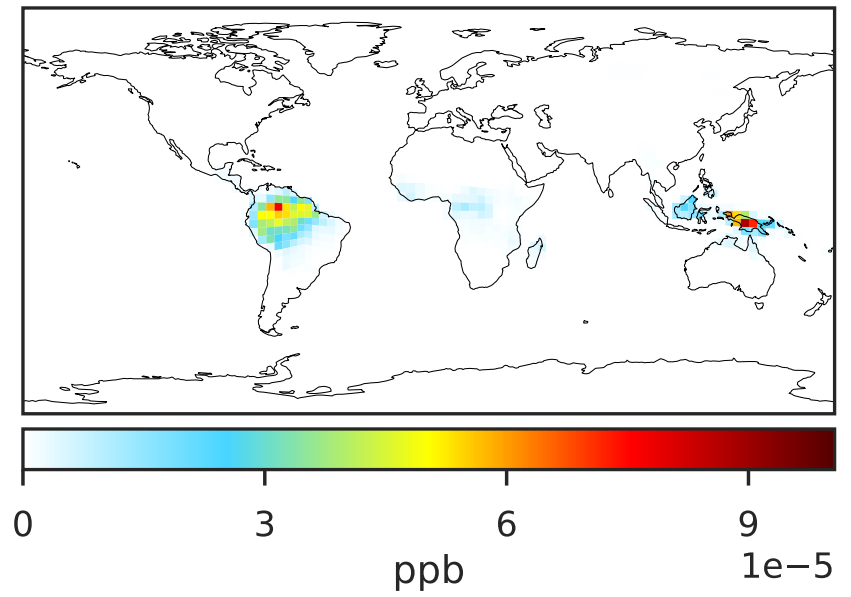


SpeciesConcVV_LIMO (AnnualMean)

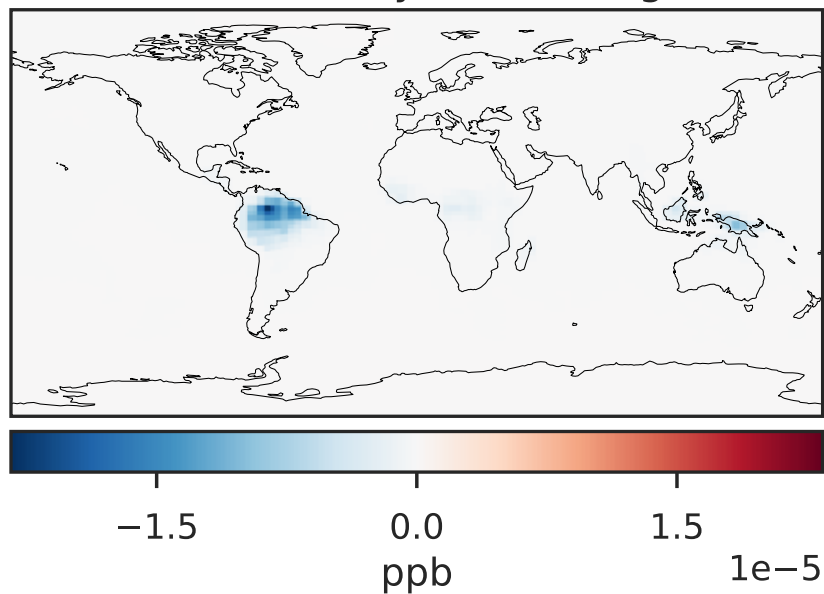
GCHP_14.0.0 (Ref)
c24



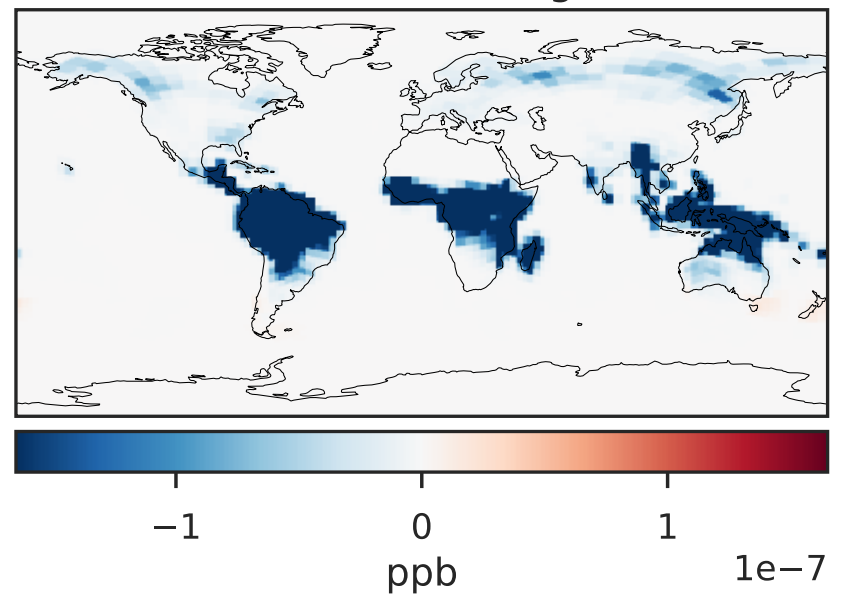
GCHP_14.2.0 (Dev)
c24



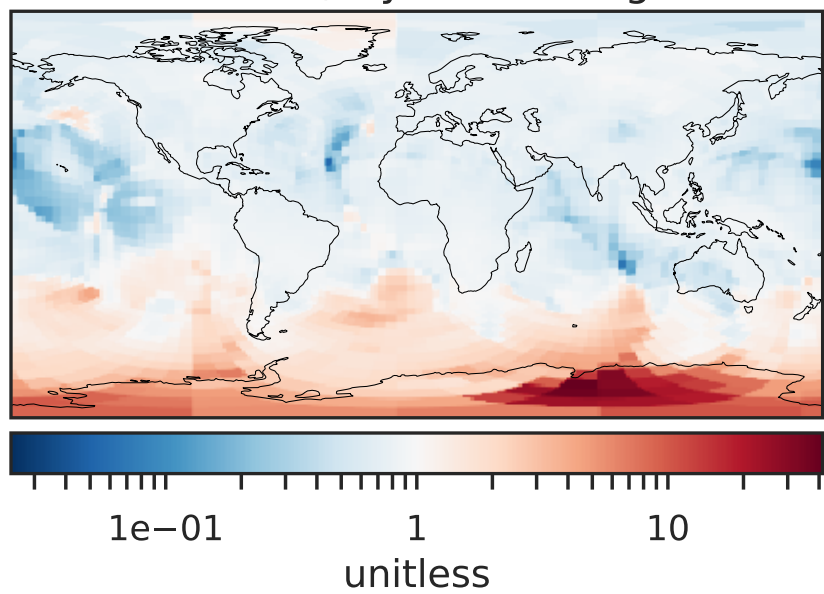
Difference (1x1.25)
Dev - Ref, Dynamic Range



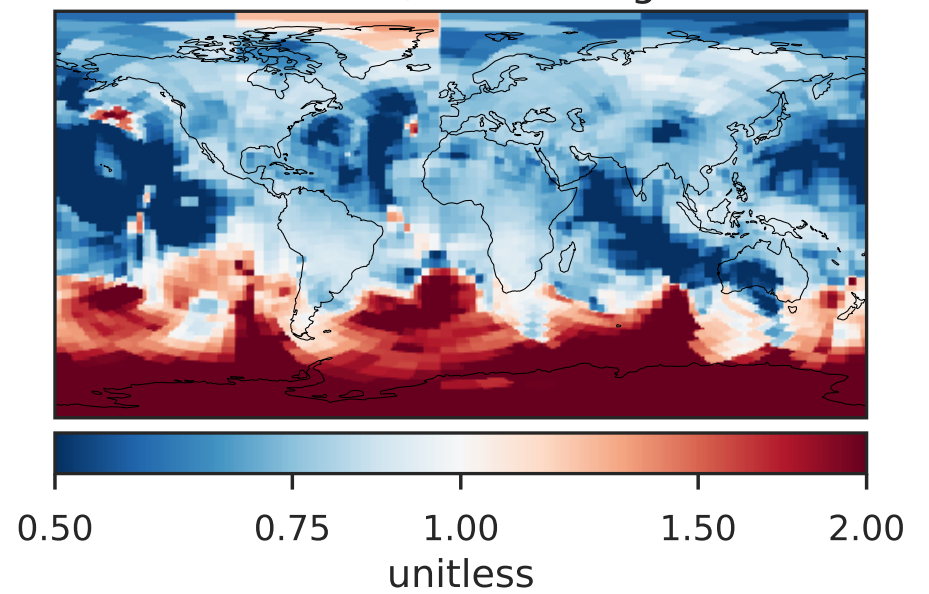
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

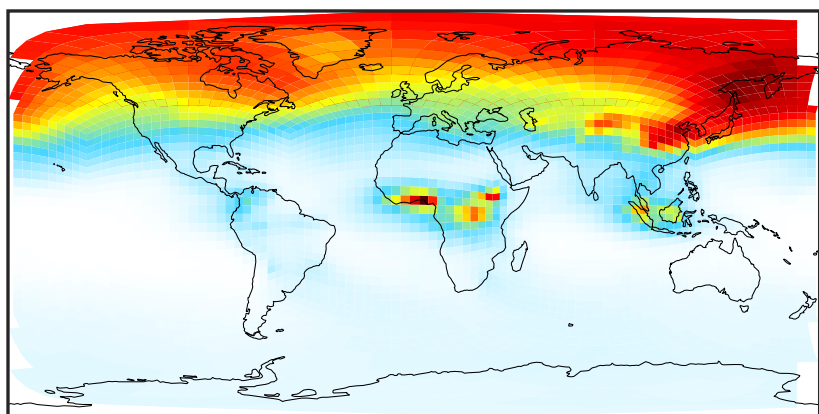


Ratio (1x1.25)
Dev/Ref, Fixed Range



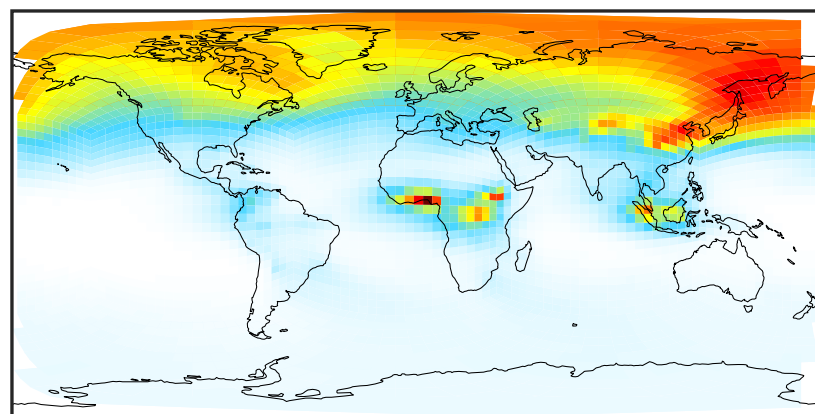
SpeciesConcVV_ALK4 (AnnualMean)

GCHP_14.0.0 (Ref)
c24



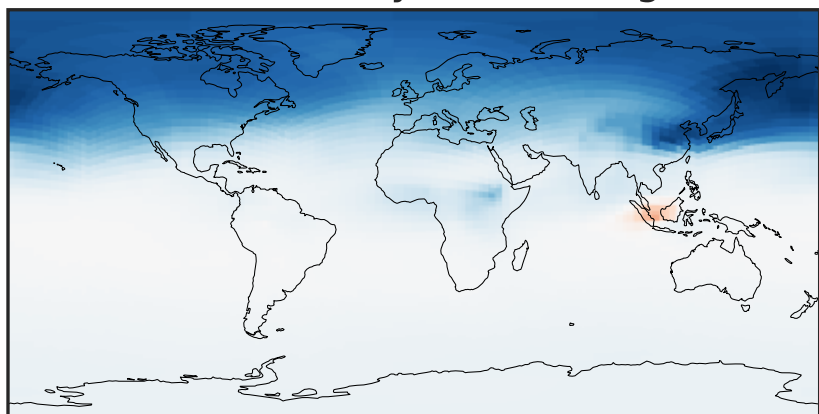
0.0008 0.0927 0.1853 0.2780 0.3714
ppb

GCHP_14.2.0 (Dev)
c24



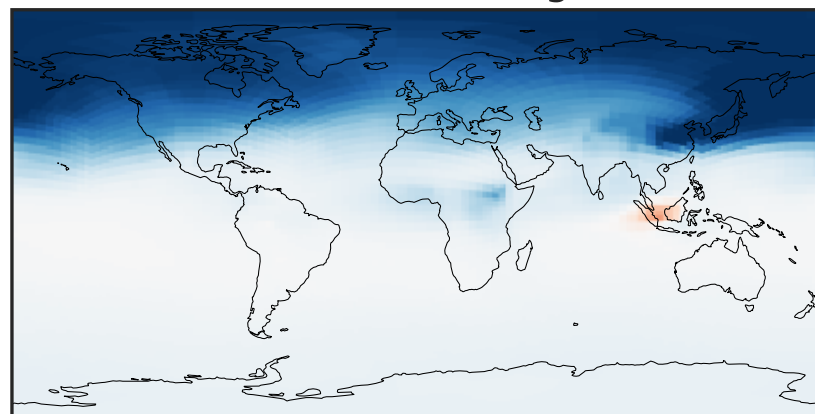
0.0008 0.0927 0.1853 0.2780 0.3714
ppb

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



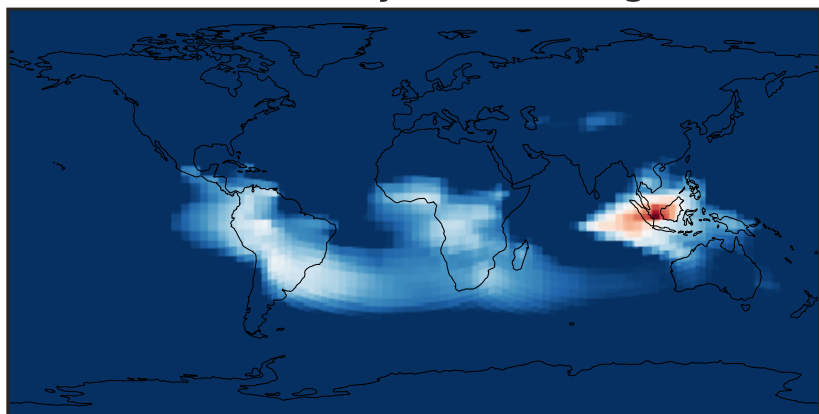
-0.0597 -0.0298 0.0000 0.0298 0.0597
ppb

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



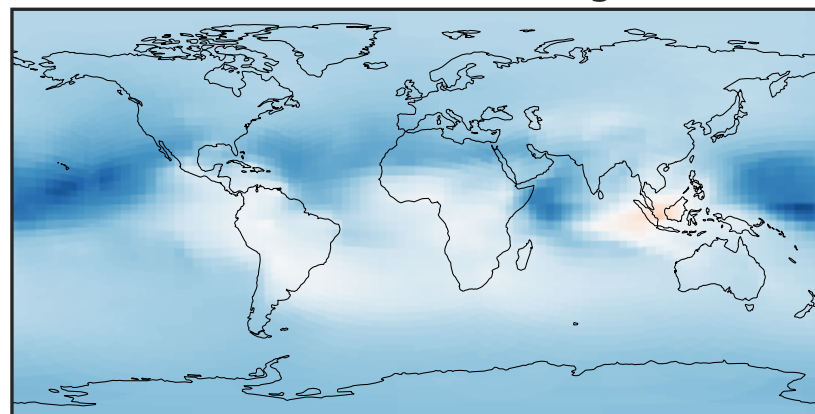
-0.0518 -0.0259 0.0000 0.0259 0.0518
ppb

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



0.8483 0.9241 1.0000 1.0894 1.1788
unitless

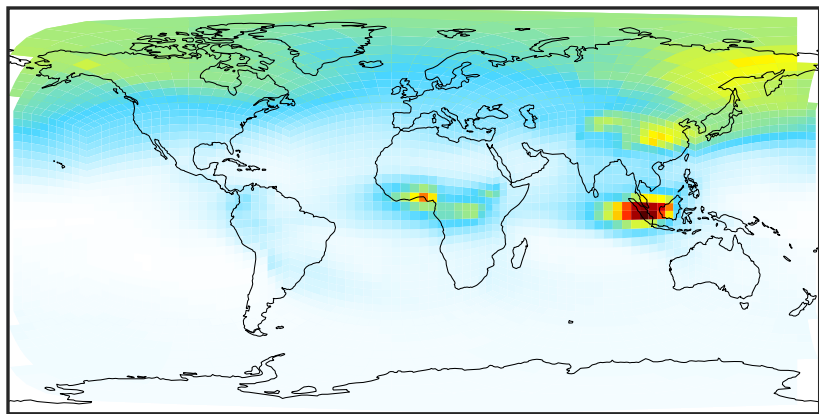
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

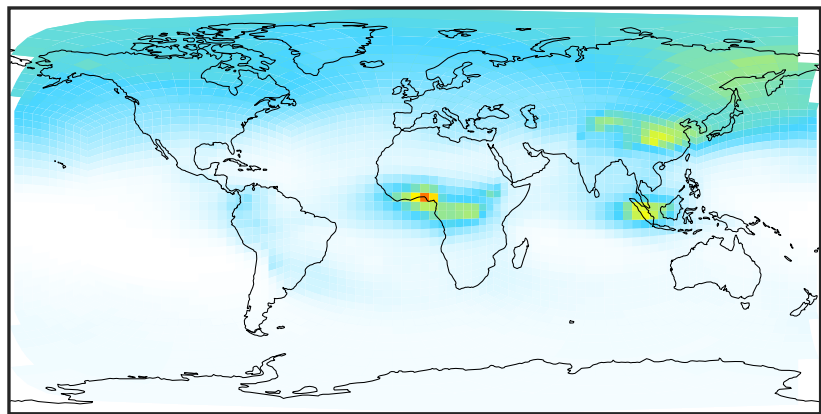
SpeciesConcVV_BENZ (AnnualMean)

GCHP_14.0.0 (Ref)
c24



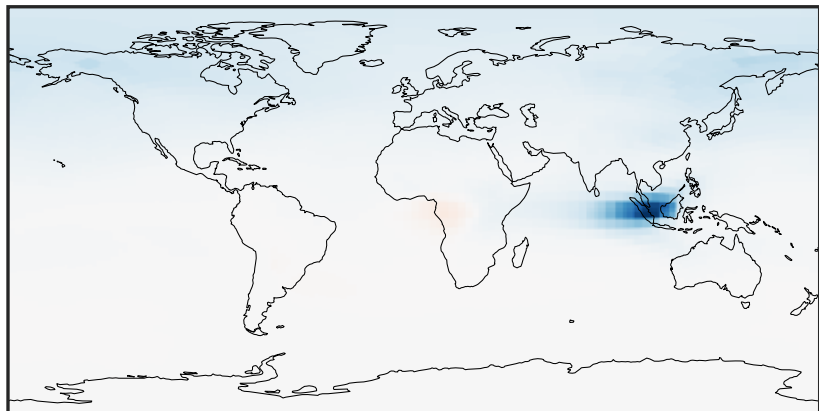
0.0008 0.0293 0.0586 0.0880 0.1180
ppb

GCHP_14.2.0 (Dev)
c24



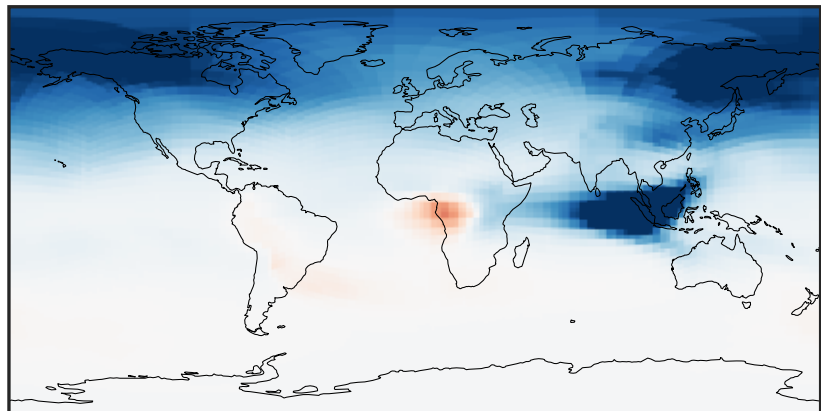
0.0008 0.0293 0.0586 0.0880 0.1180
ppb

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



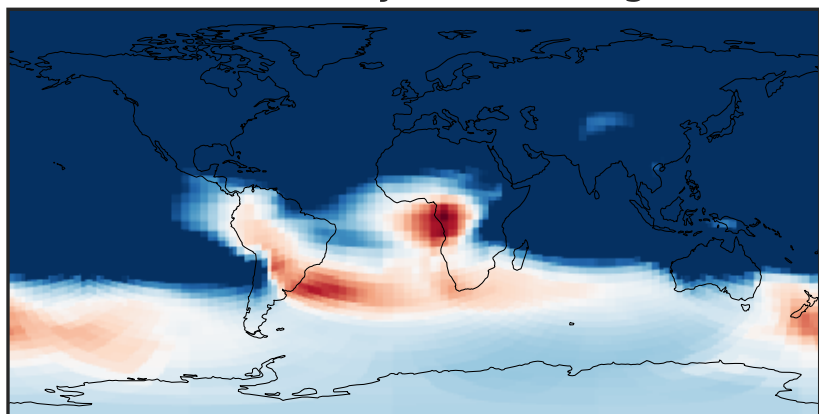
-0.0606 -0.0303 0.0000 0.0303 0.0606
ppb

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



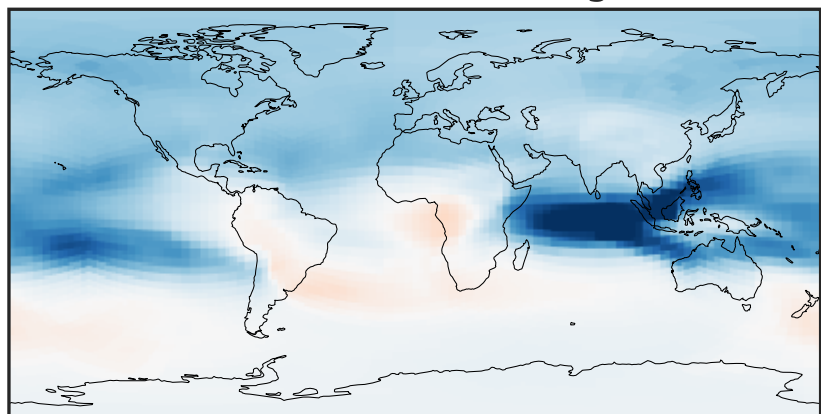
-0.006 0.000 0.006
ppb

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



0.8689 0.9344 1.0000 1.0755 1.1509
unitless

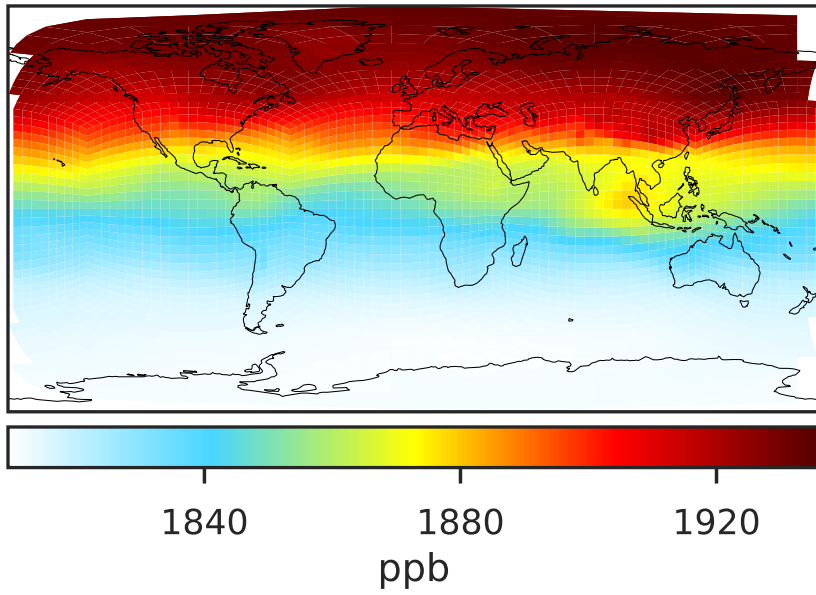
Ratio (1x1.25)
Dev/Ref, Fixed Range



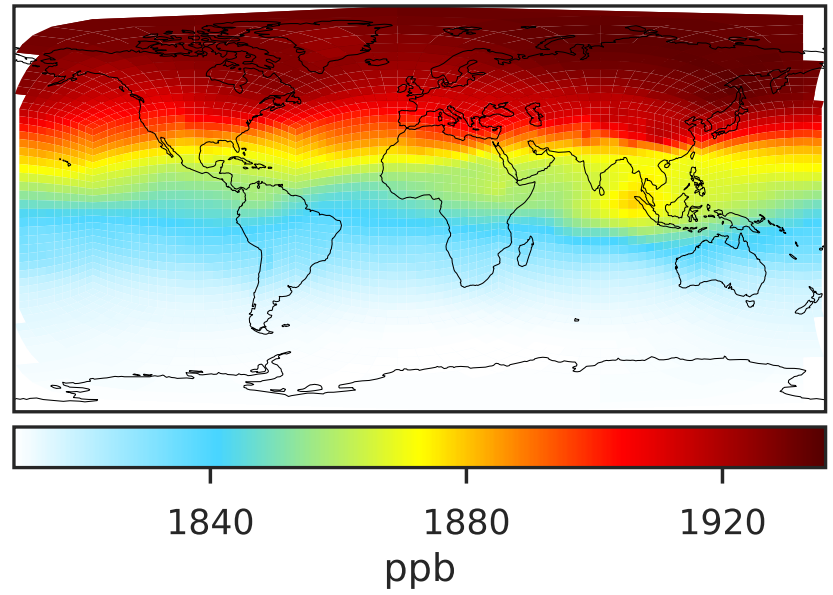
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_CH4 (AnnualMean)

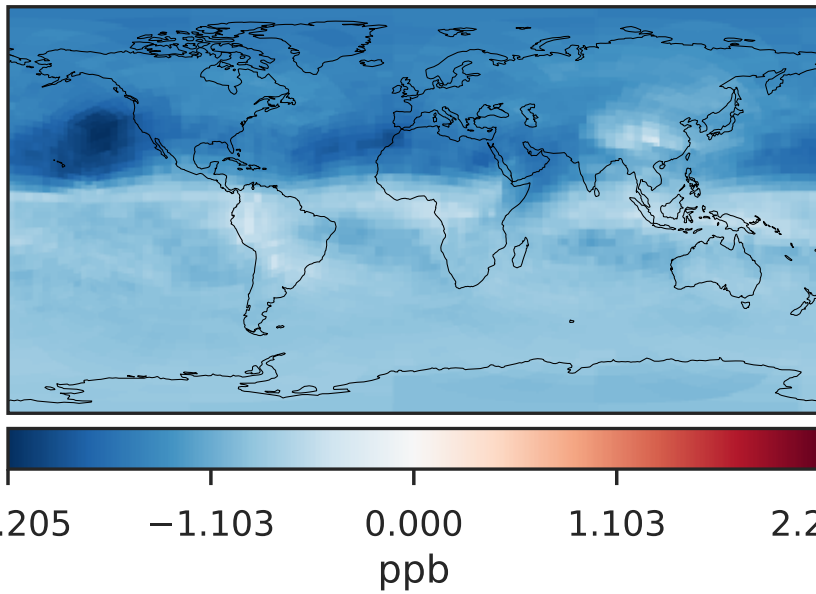
GCHP_14.0.0 (Ref)
c24



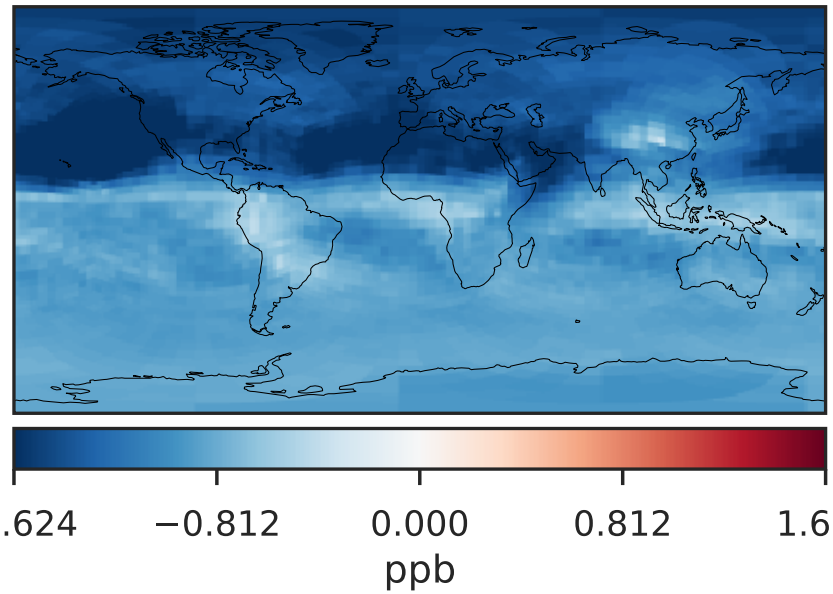
GCHP_14.2.0 (Dev)
c24



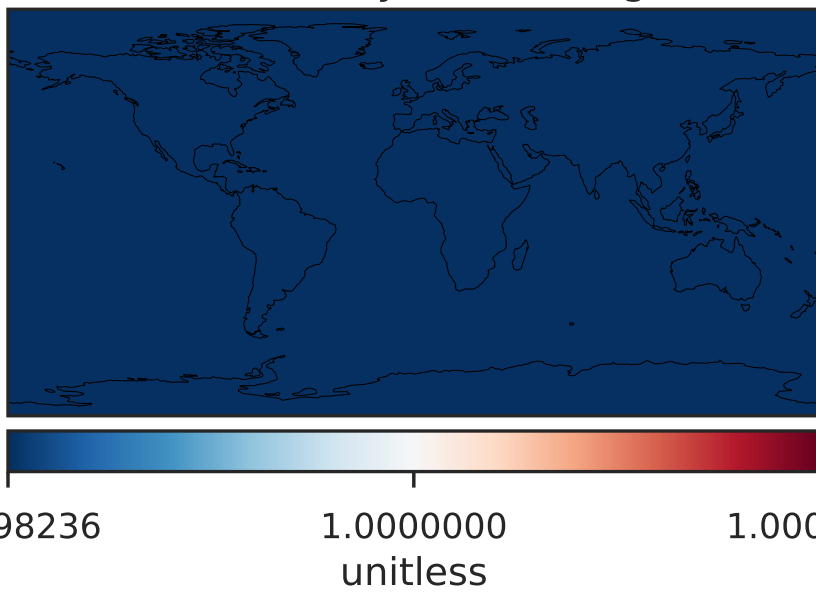
Difference (1x1.25)
Dev - Ref, Dynamic Range



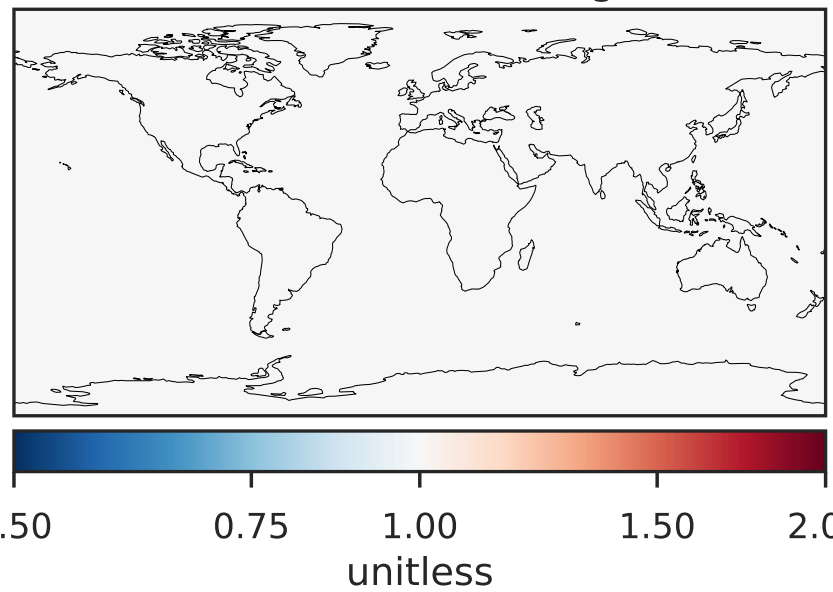
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

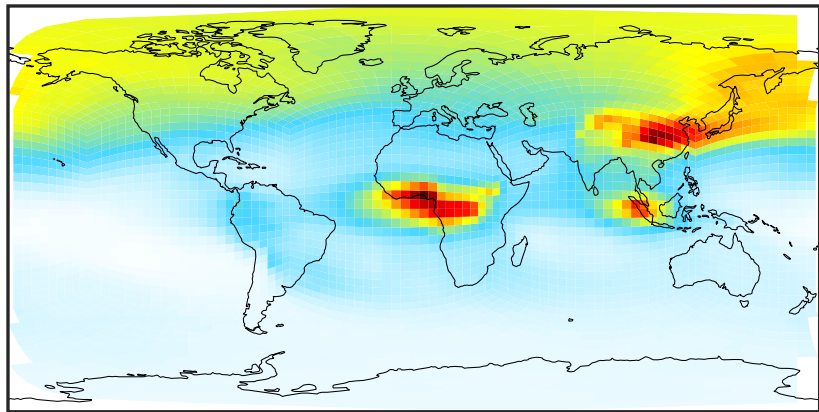


Ratio (1x1.25)
Dev/Ref, Fixed Range



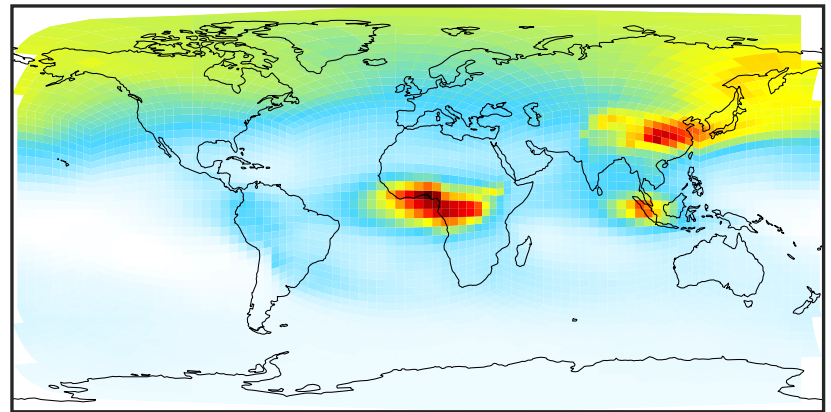
SpeciesConcVV_C2H2 (AnnualMean)

GCHP_14.0.0 (Ref)
c24



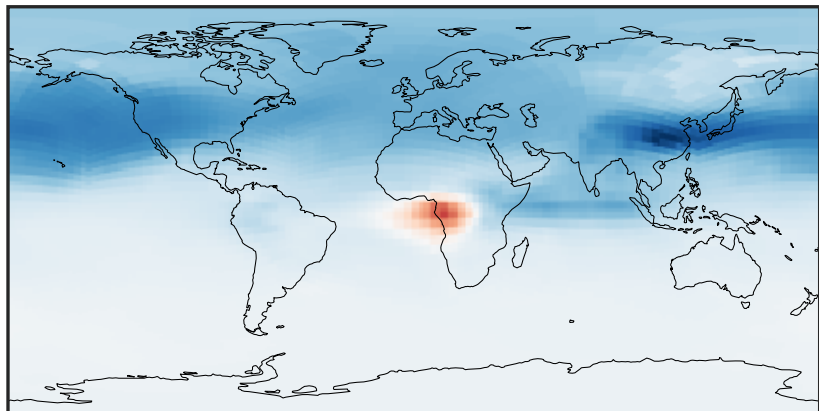
0.0079 0.0460 0.0920 0.1380 0.1919
ppb

GCHP_14.2.0 (Dev)
c24



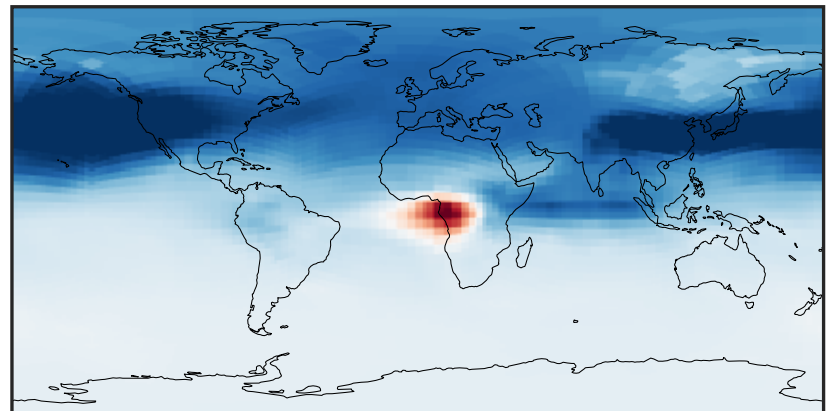
0.0079 0.0460 0.0920 0.1380 0.1919
ppb

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



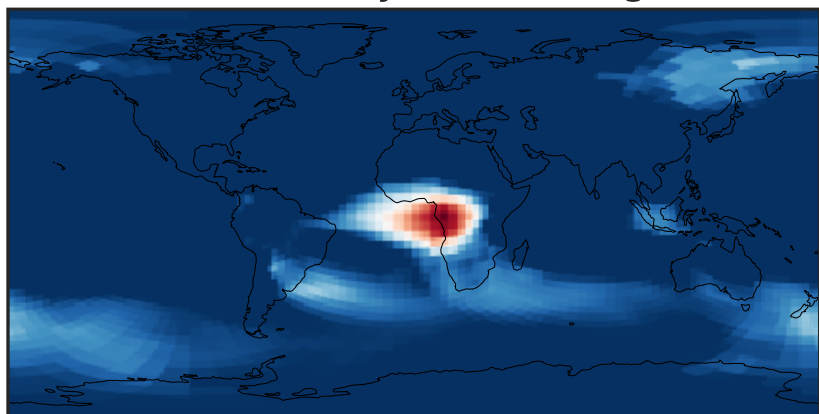
-0.01 0.00 0.01
ppb

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



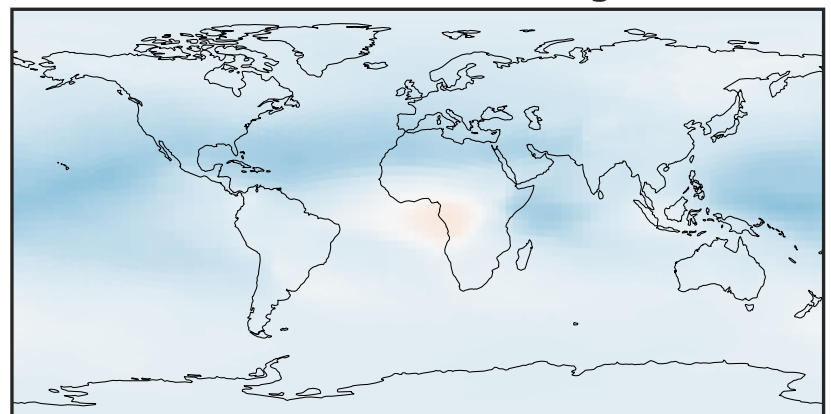
-0.006 0.000 0.006
ppb

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



0.9268 0.9634 1.0000 1.0395 1.0790
unitless

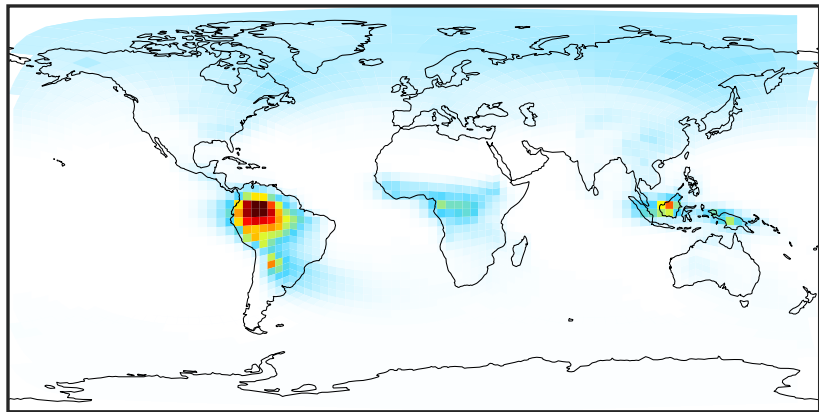
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

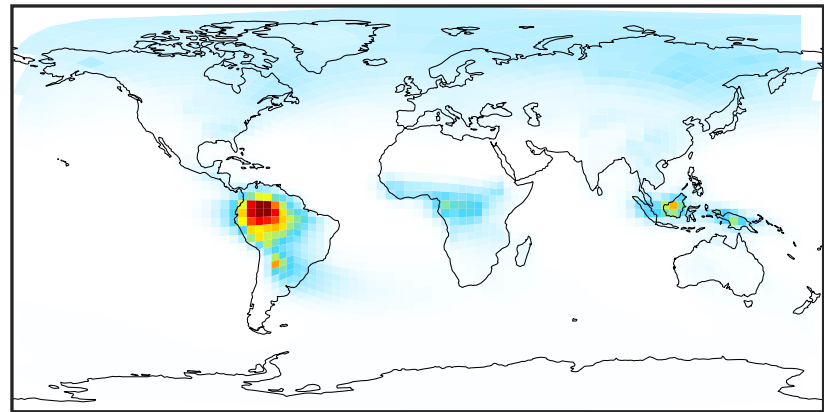
SpeciesConcVV_C2H4 (AnnualMean)

GCHP_14.0.0 (Ref)
c24



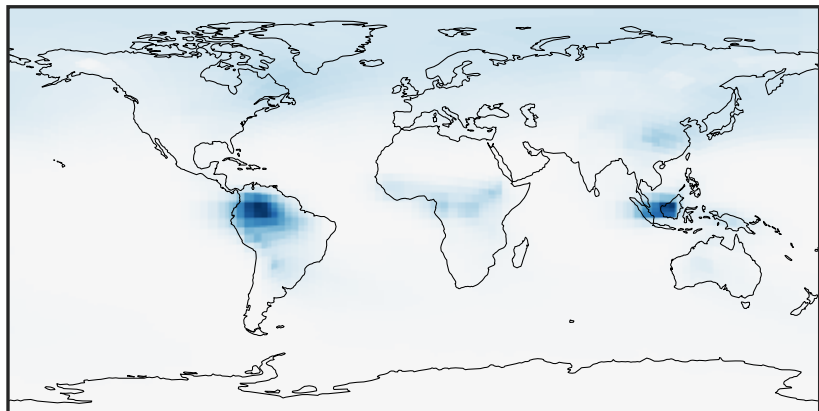
0.0000 0.0548 0.1095 0.1643 0.2190
ppb

GCHP_14.2.0 (Dev)
c24



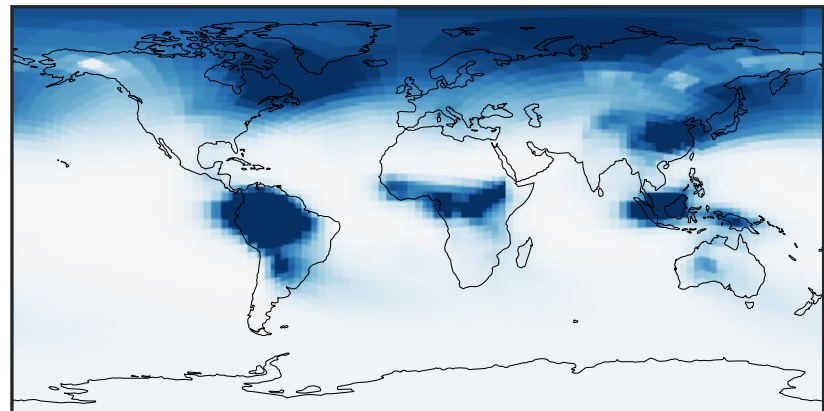
0.0000 0.0548 0.1095 0.1643 0.2190
ppb

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



-0.01 0.00 0.01
ppb

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



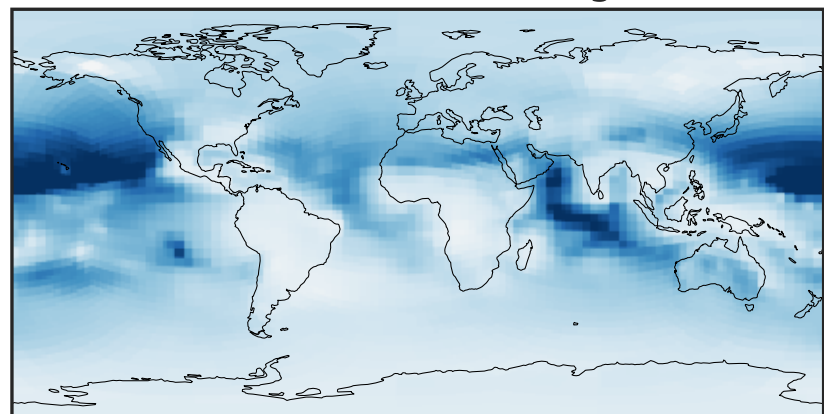
-0.002 0.000 0.002
ppb

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



0.98687 0.99344 1.00000 1.00665 1.01330
unitless

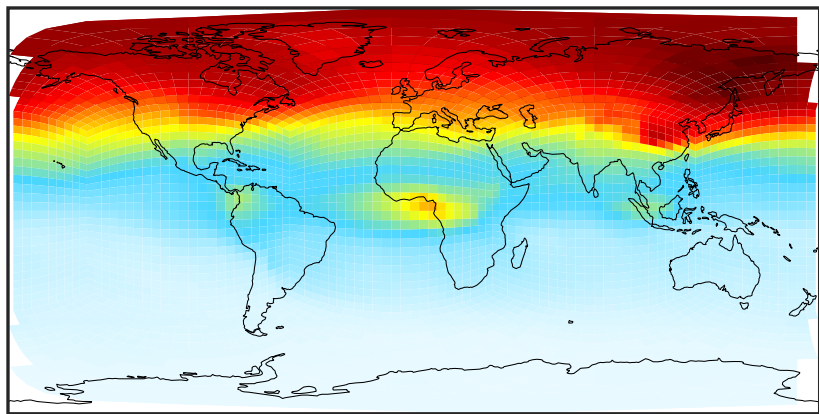
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

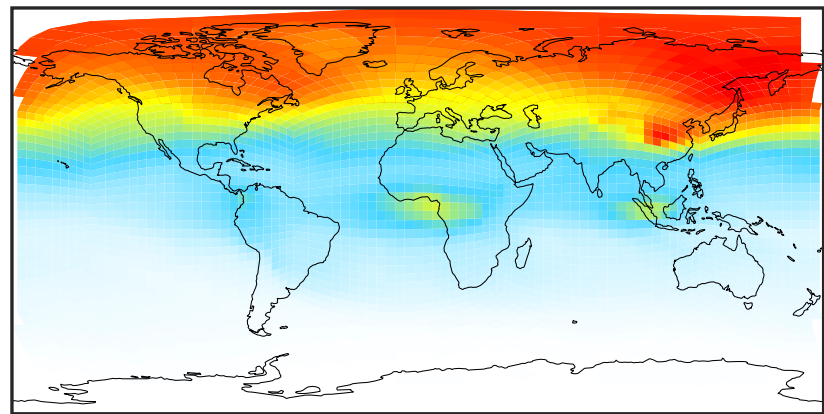
SpeciesConcVV_C2H6 (AnnualMean)

GCHP_14.0.0 (Ref)
c24



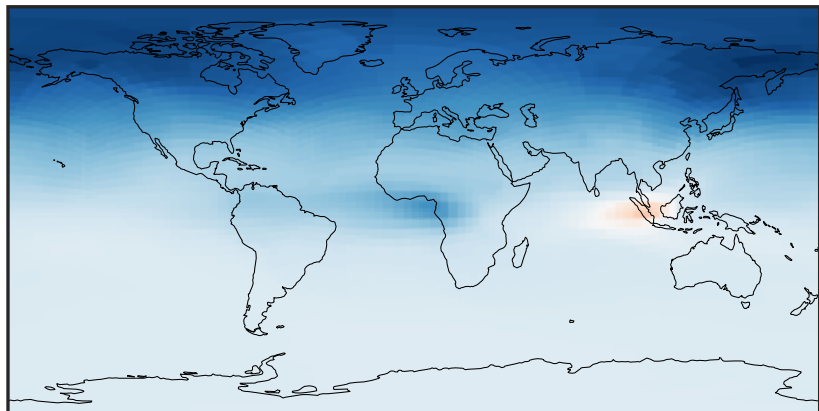
0.080 0.284 0.567 0.851 1.215
ppb

GCHP_14.2.0 (Dev)
c24



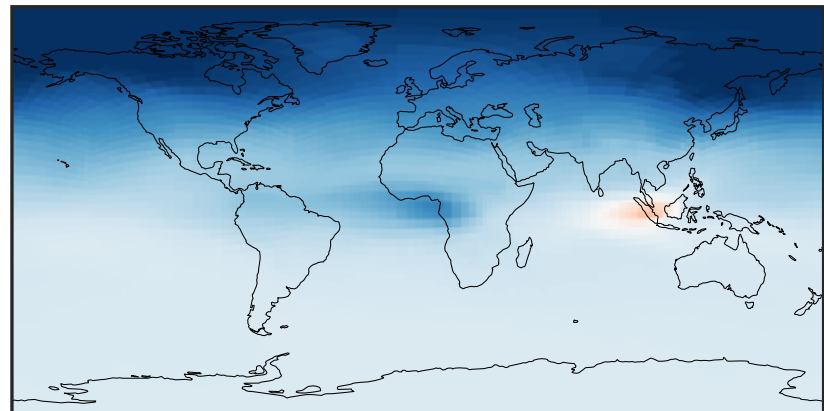
0.080 0.284 0.567 0.851 1.215
ppb

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



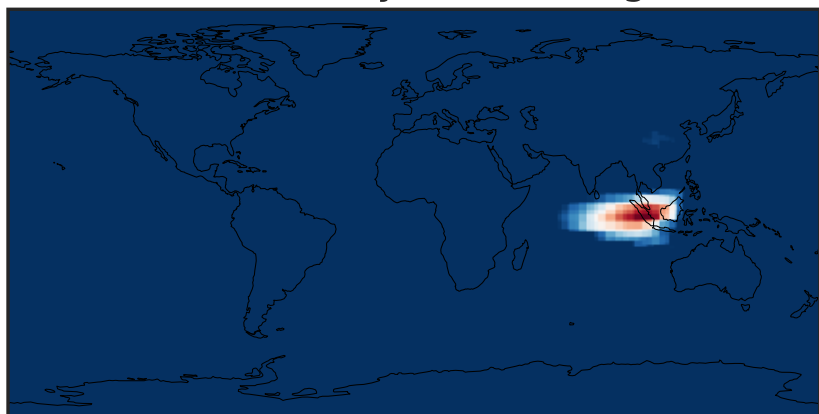
-0.2673 -0.1337 0.0000 0.1337 0.2673
ppb

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



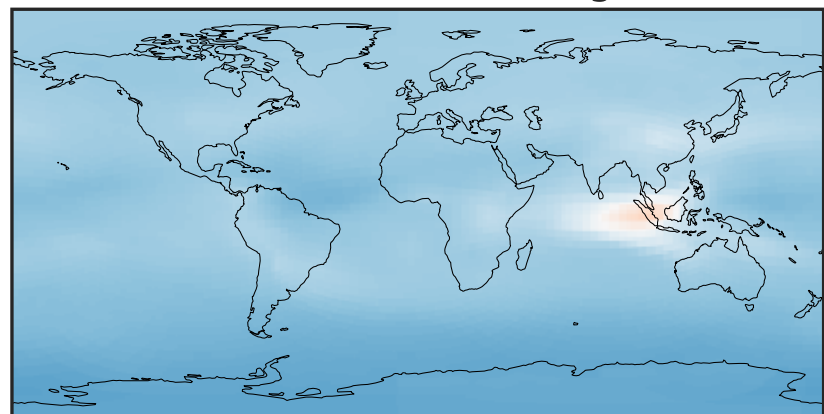
-0.2411 -0.1205 0.0000 0.1205 0.2411
ppb

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



0.8631 0.9315 1.0000 1.0793 1.1587
unitless

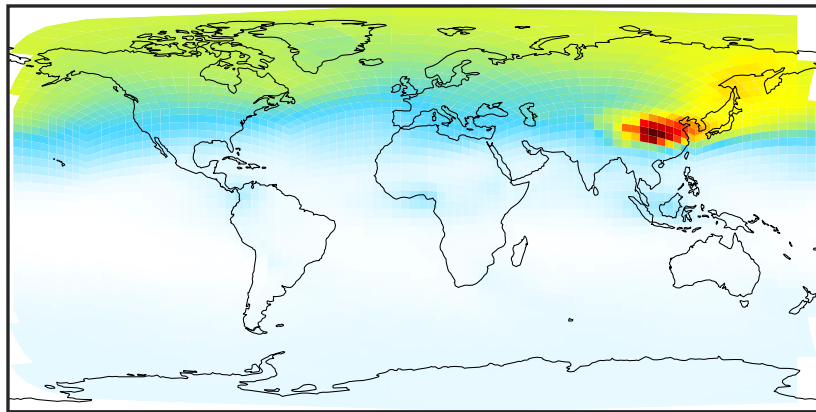
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

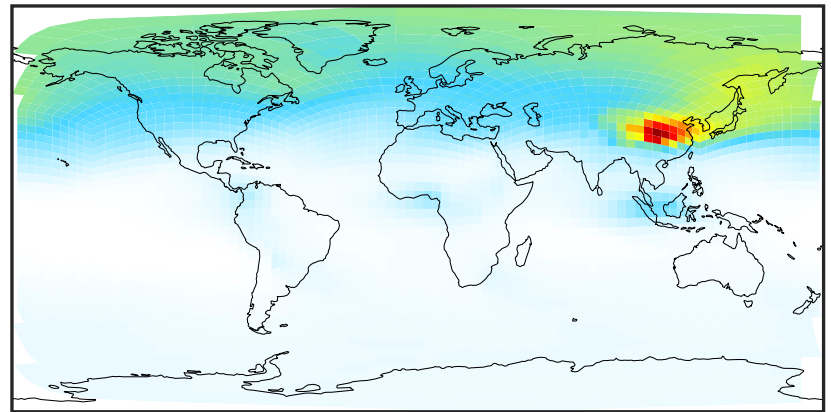
SpeciesConcVV_C3H8 (AnnualMean)

GCHP_14.0.0 (Ref)
c24



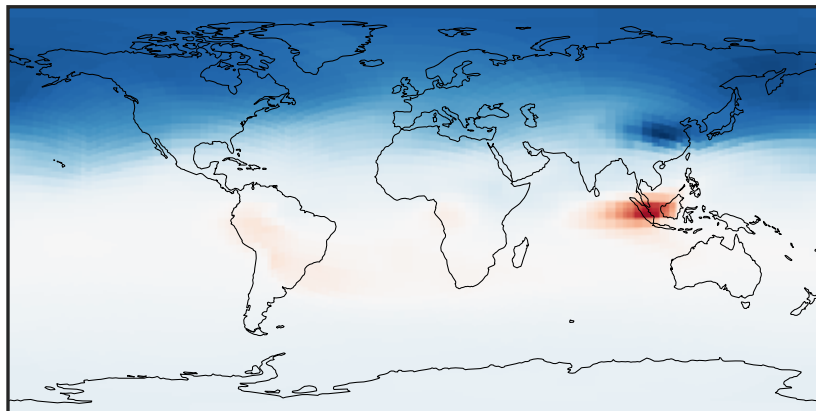
0.0036 0.1455 0.2910 0.4365 0.5856
ppb

GCHP_14.2.0 (Dev)
c24



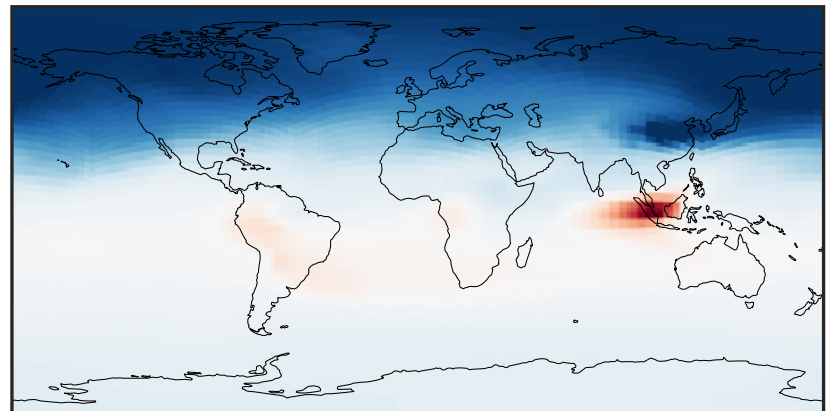
0.0036 0.1455 0.2910 0.4365 0.5856
ppb

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



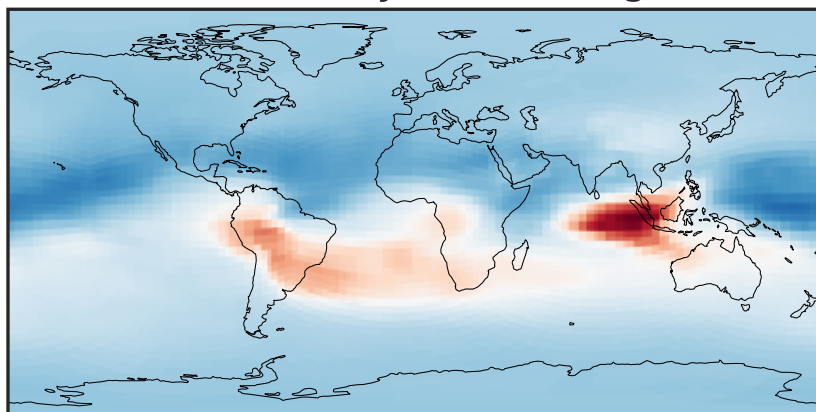
-0.0610 -0.0305 0.0000 0.0305 0.0610
ppb

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



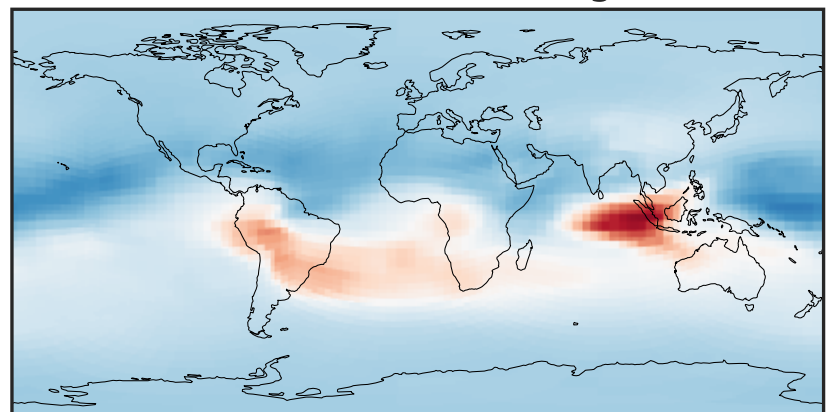
-0.0503 -0.0252 0.0000 0.0252 0.0503
ppb

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



0.539 0.770 1.000 1.428 1.855
unitless

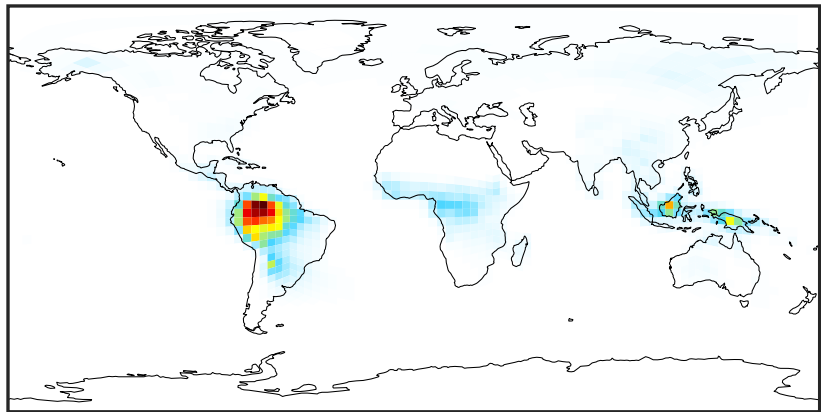
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

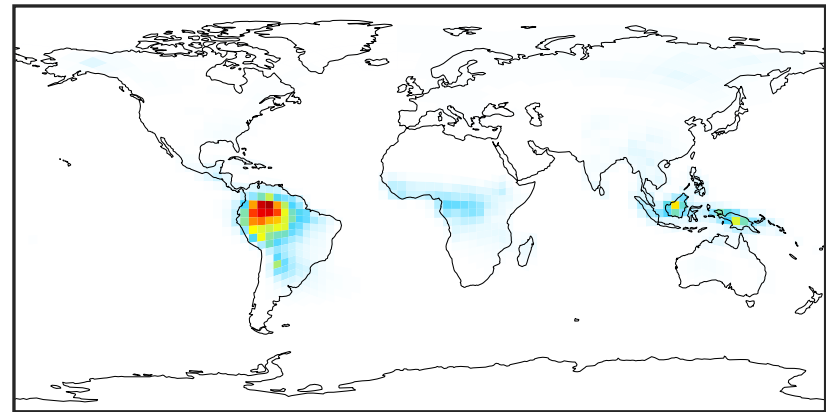
SpeciesConcVV_PRPE (AnnualMean)

GCHP_14.0.0 (Ref)
c24



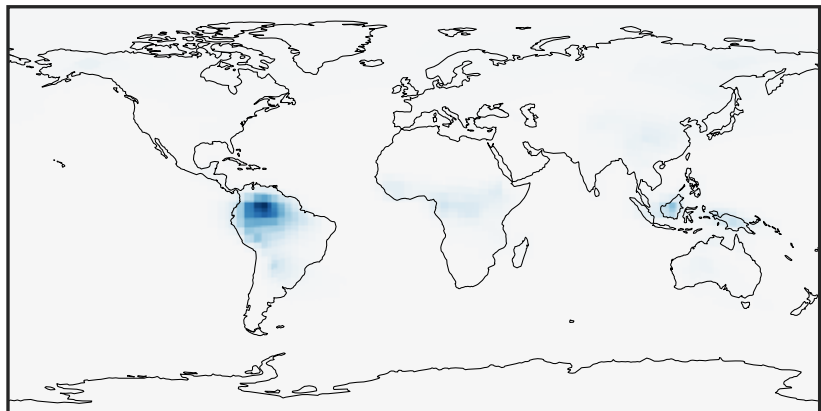
0.015 0.030 0.045
ppb

GCHP_14.2.0 (Dev)
c24



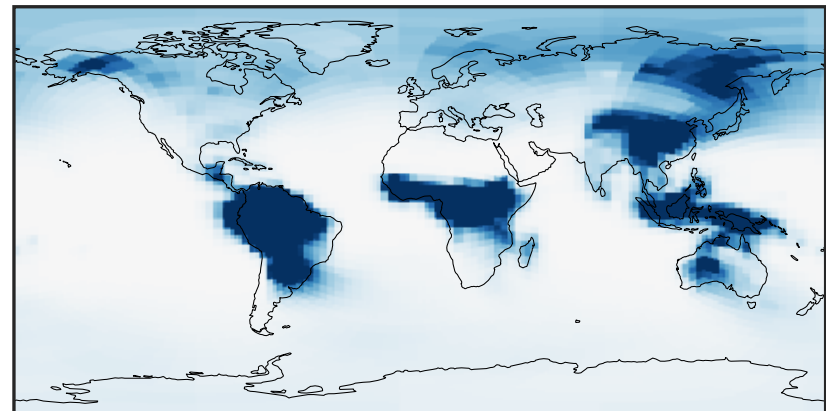
0.015 0.030 0.045
ppb

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



-0.003 0.000 0.003
ppb

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



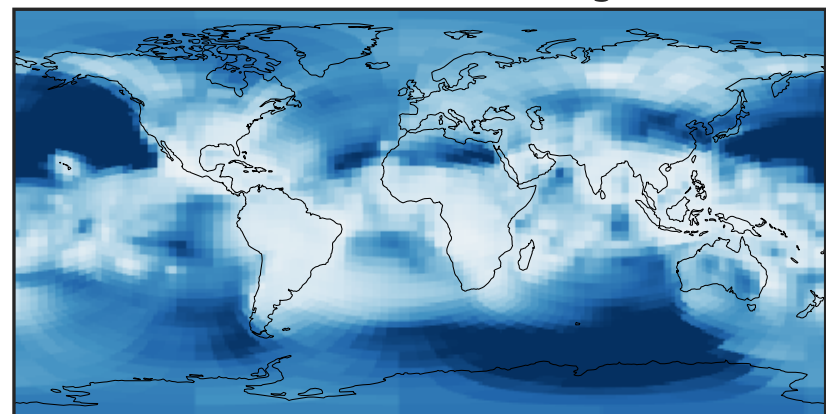
-0.00015 0.00000 0.00015
ppb

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



0.96306 0.98153 1.00000 1.01918 1.03836
unitless

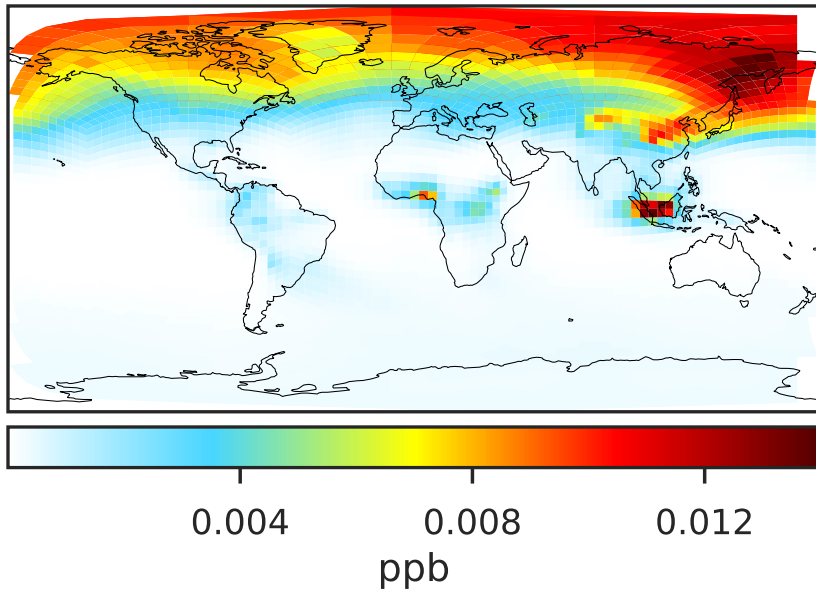
Ratio (1x1.25)
Dev/Ref, Fixed Range



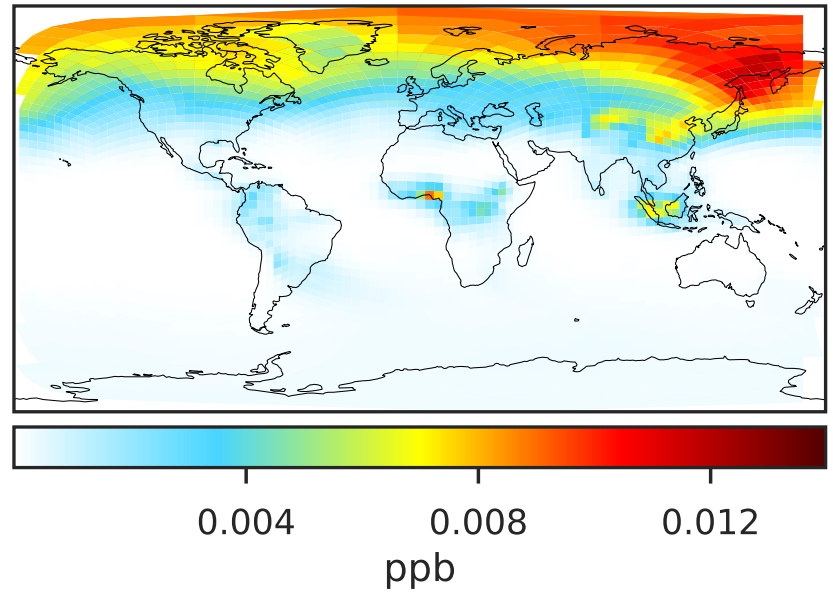
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_TOLU (AnnualMean)

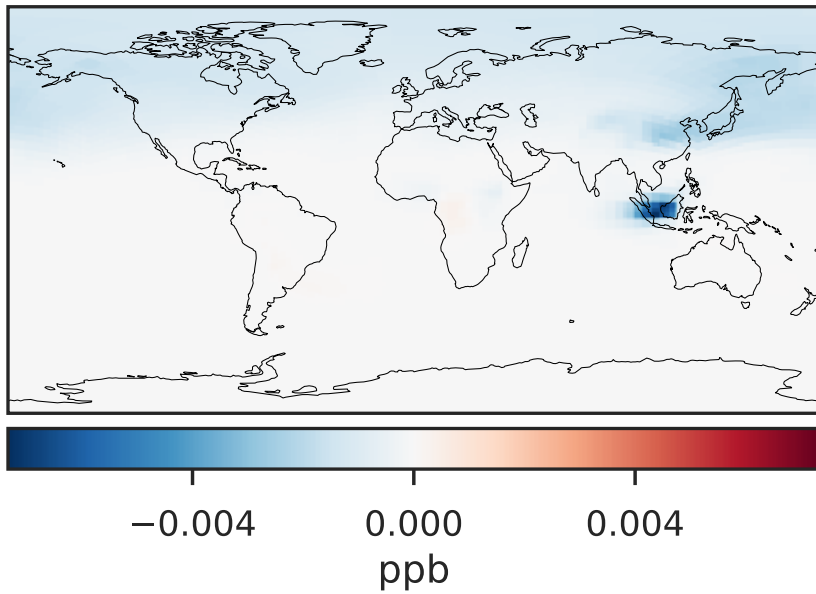
GCHP_14.0.0 (Ref)
c24



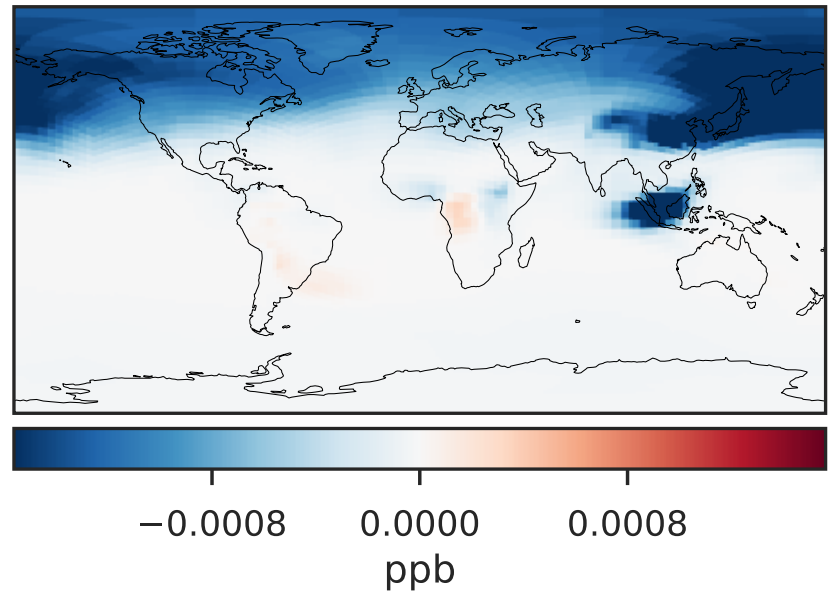
GCHP_14.2.0 (Dev)
c24



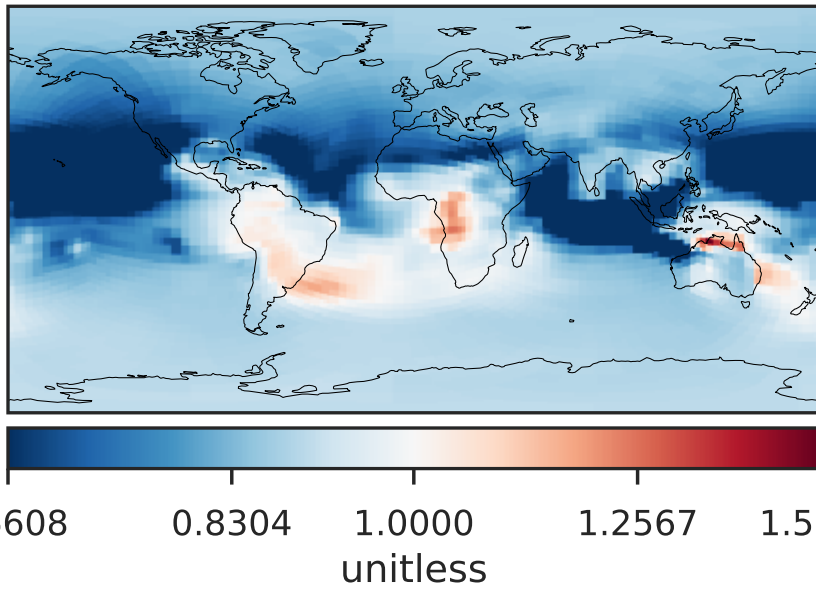
Difference (1x1.25)
Dev - Ref, Dynamic Range



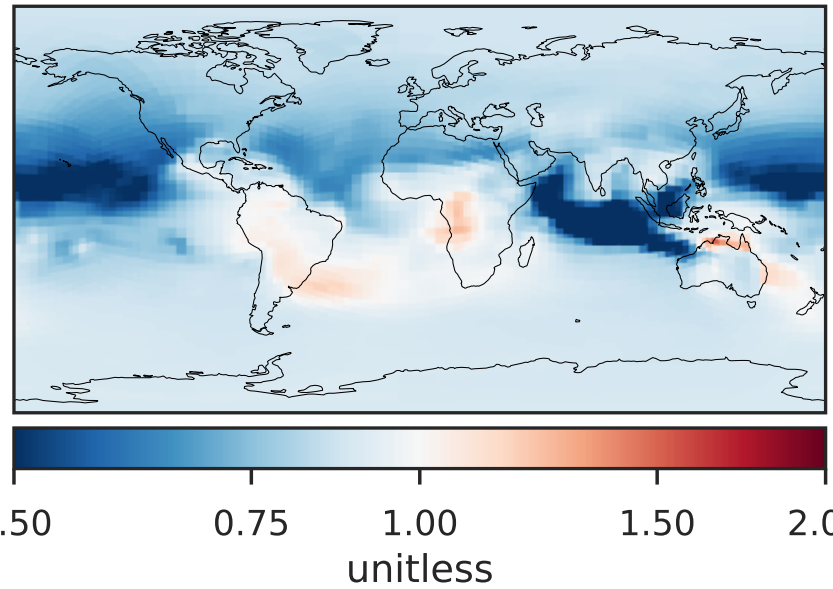
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

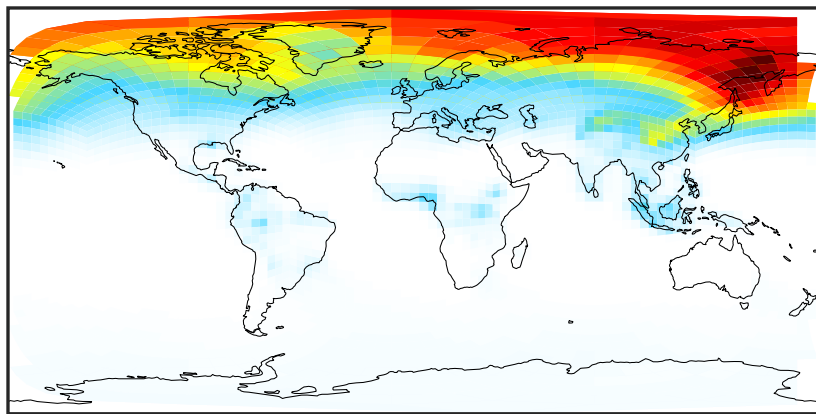


Ratio (1x1.25)
Dev/Ref, Fixed Range



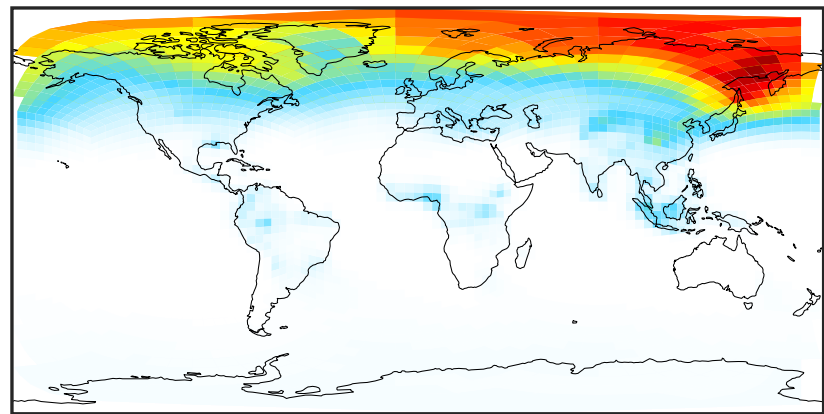
SpeciesConcVV_XYLE (AnnualMean)

GCHP_14.0.0 (Ref)
c24



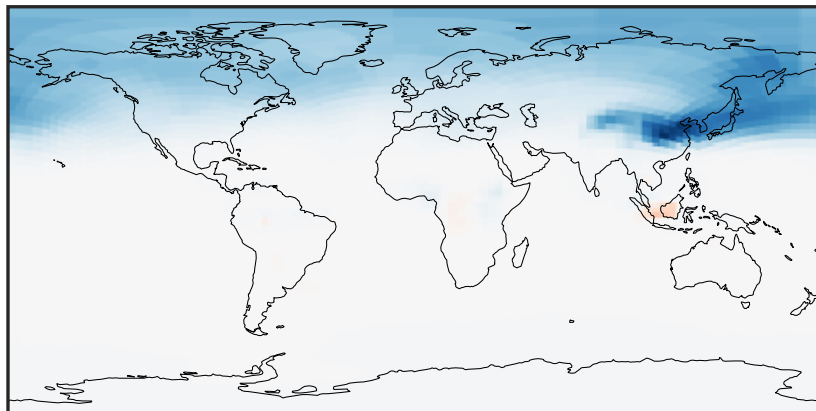
0.0015 0.0030
ppb

GCHP_14.2.0 (Dev)
c24



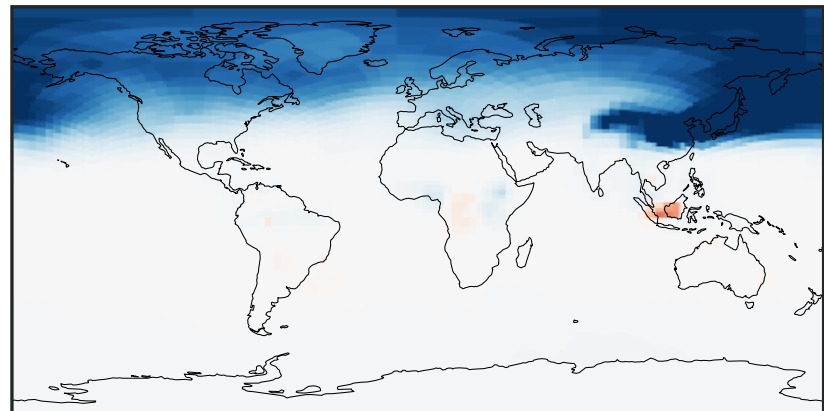
0.0015 0.0030
ppb

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



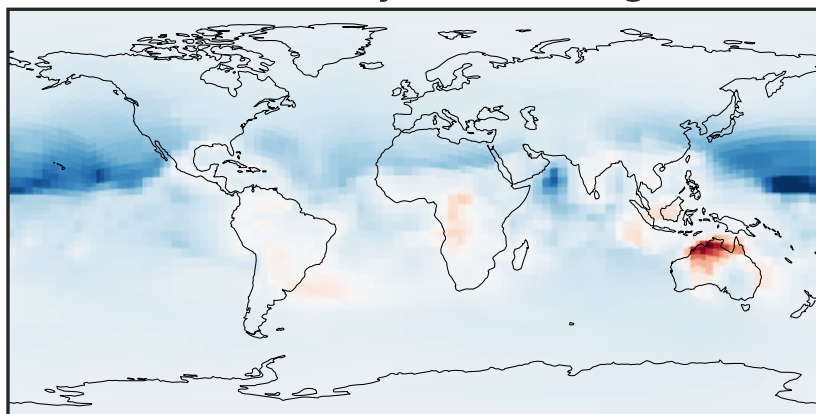
-0.0004 0.0000 0.0004
ppb

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



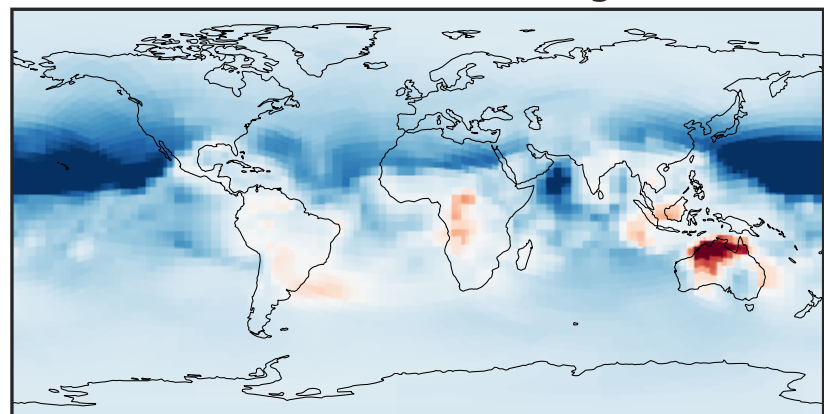
-0.0002 0.0000 0.0002
ppb

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



0.275 0.638 1.000 2.315 3.631
unitless

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



0.50 0.75 1.00 1.50 2.00
unitless