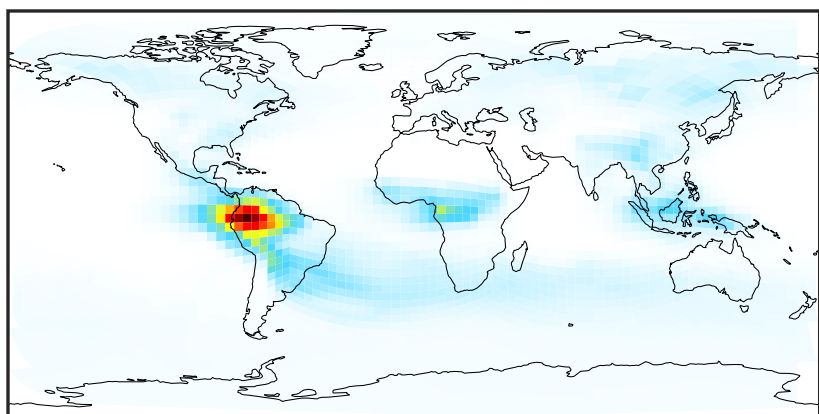


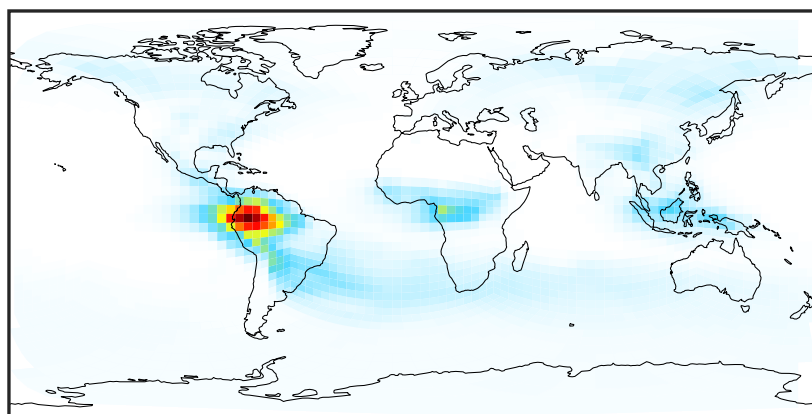
SpeciesConcVV_EOH (Jul2019)

GCHP_14.0.0 (Ref)
c24



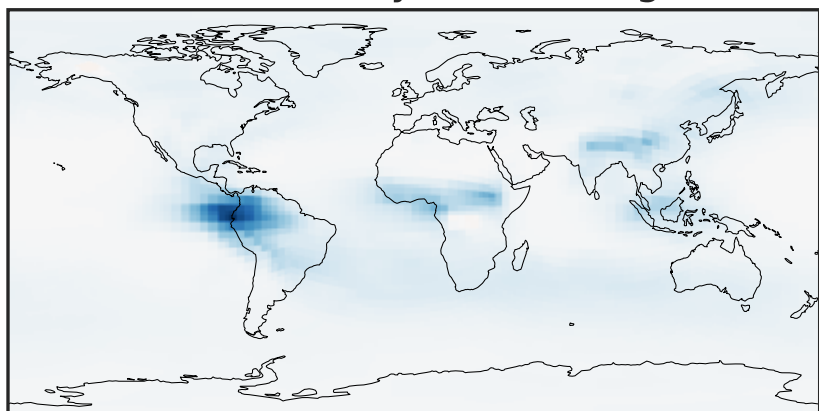
0.0000 0.0668 0.1336 0.2004 0.2673
ppb

GCHP_14.2.0 (Dev)
c24



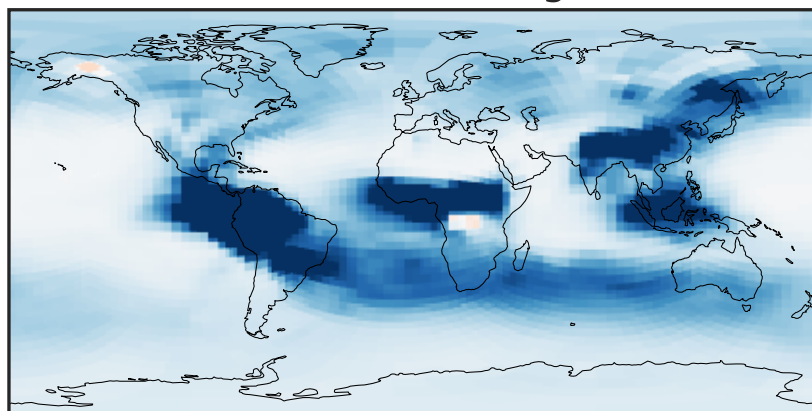
0.0000 0.0668 0.1336 0.2004 0.2673
ppb

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



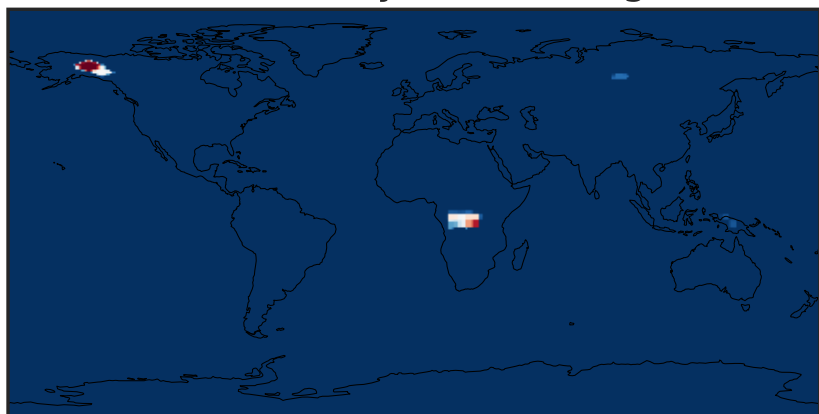
-0.005 0.000 0.005
ppb

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



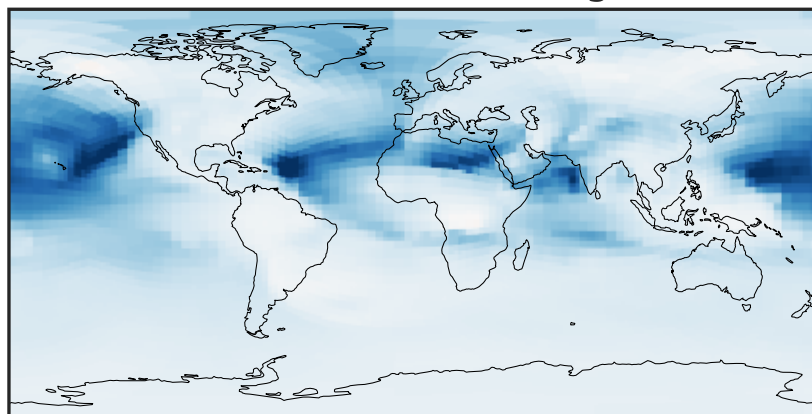
-0.001 0.000 0.001
ppb

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



0.98074 0.99037 1.00000 1.00982 1.01964
unitless

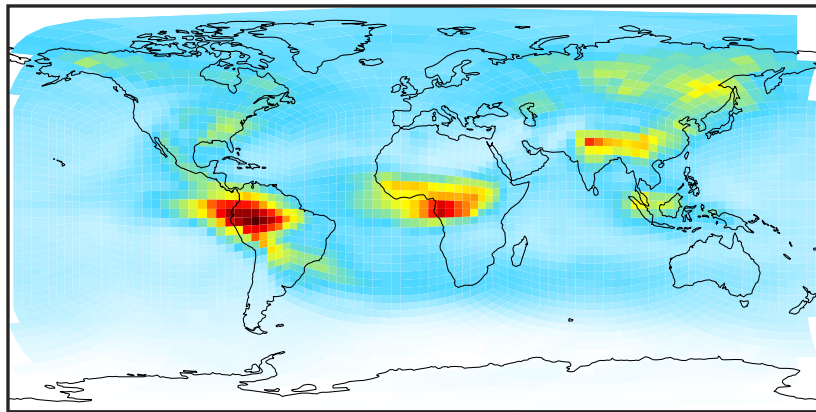
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

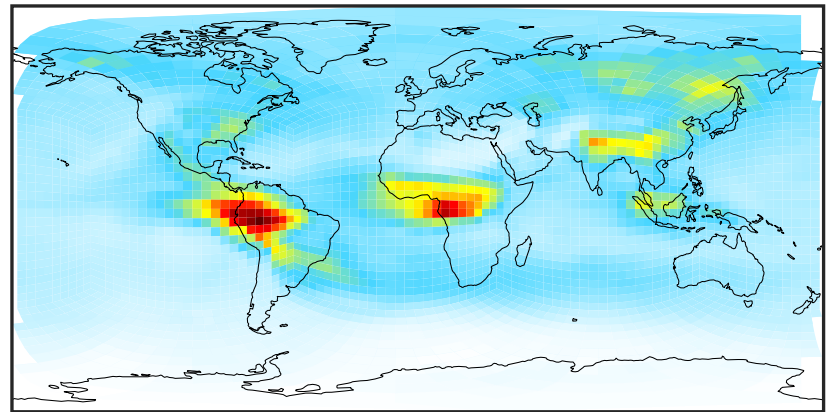
SpeciesConcVV_MOH (Jul2019)

GCHP_14.0.0 (Ref)
c24



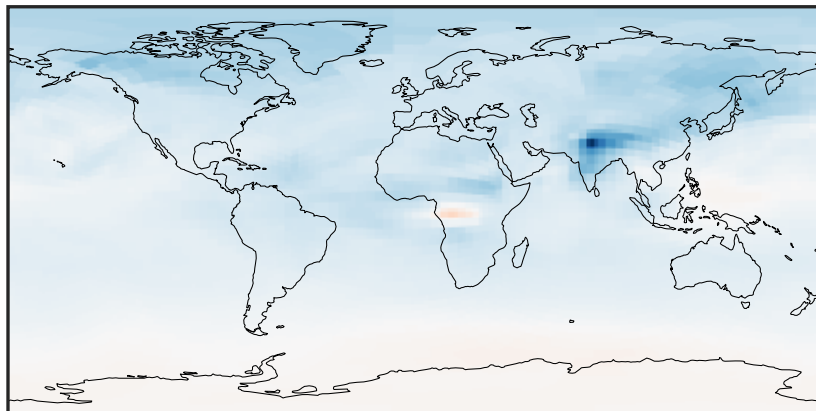
0.100 0.412 0.824 1.236 1.748
ppb

GCHP_14.2.0 (Dev)
c24



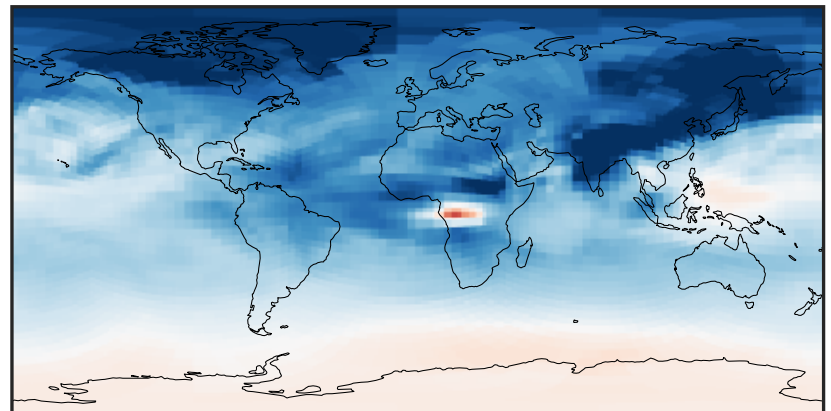
0.100 0.412 0.824 1.236 1.748
ppb

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



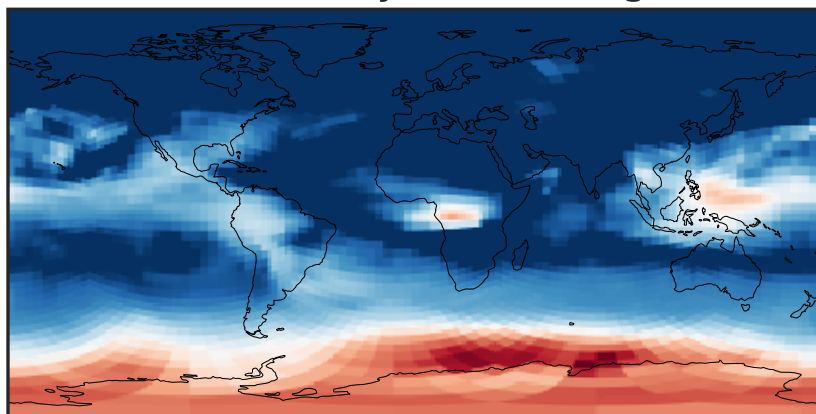
-0.1736 -0.0868 0.0000 0.0868 0.1736
ppb

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



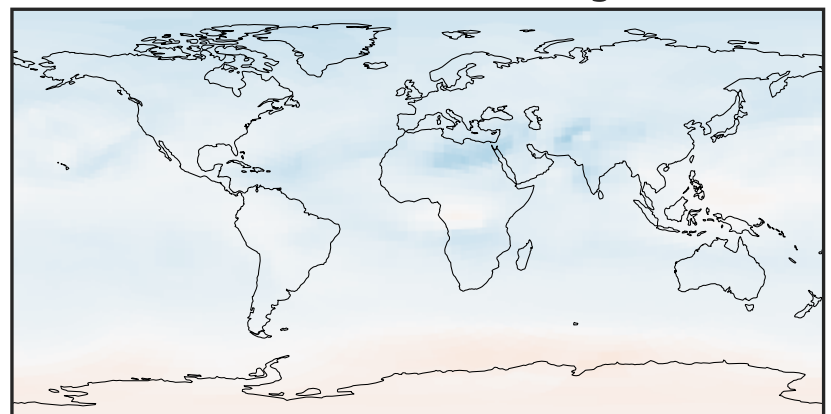
-0.054 -0.027 0.000 0.027 0.054
ppb

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



0.9336 0.9668 1.0000 1.0356 1.0712
unitless

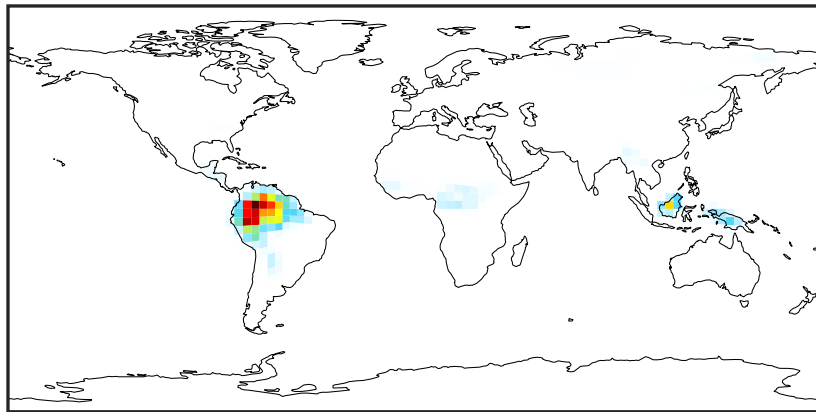
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

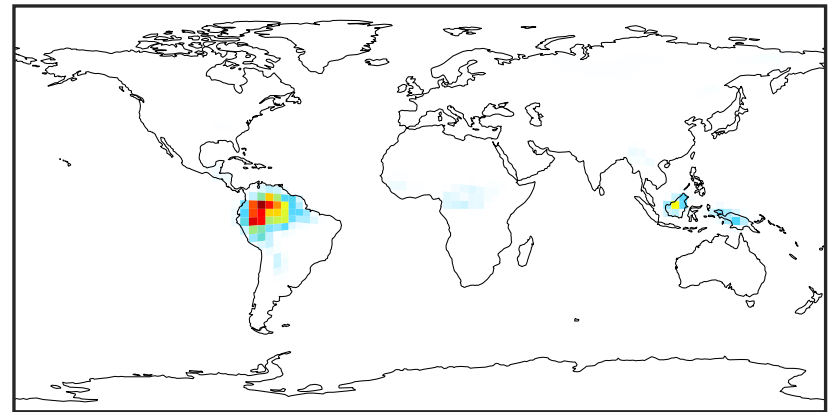
SpeciesConcVV_ISOP (Jul2019)

GCHP_14.0.0 (Ref)
c24



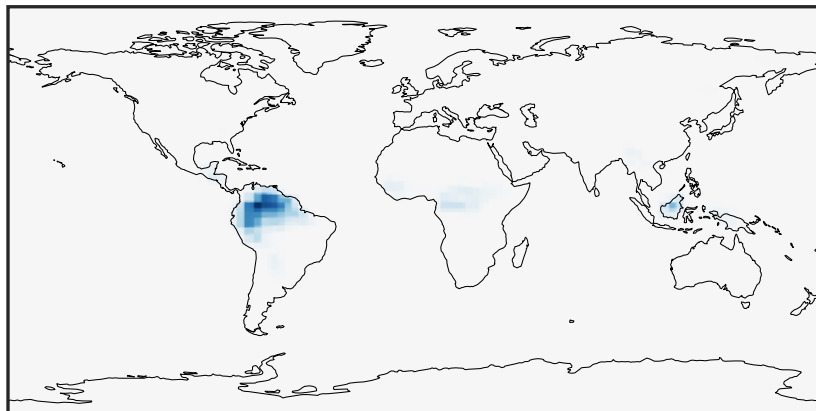
0.0000 0.0374 0.0747 0.1121 0.1495
ppb

GCHP_14.2.0 (Dev)
c24



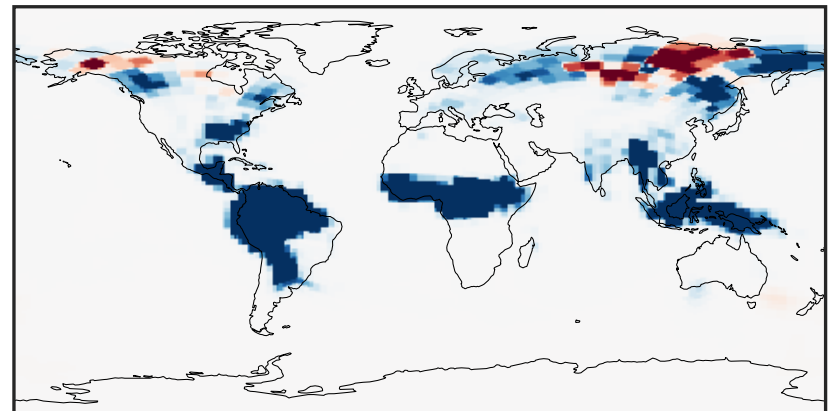
0.0000 0.0374 0.0747 0.1121 0.1495
ppb

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



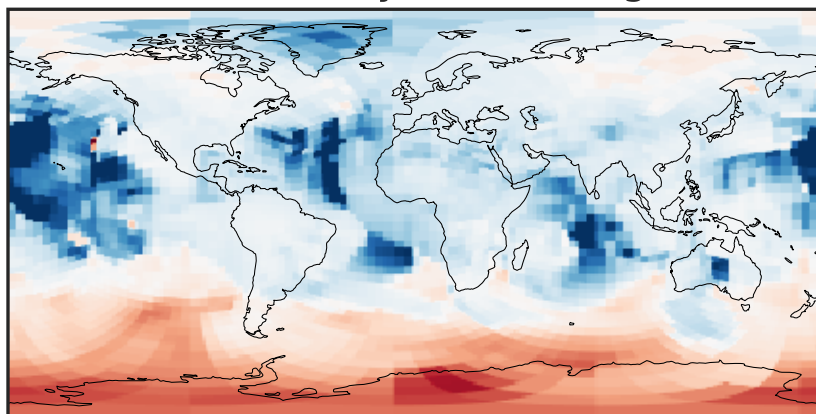
-0.008 0.000 0.008
ppb

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



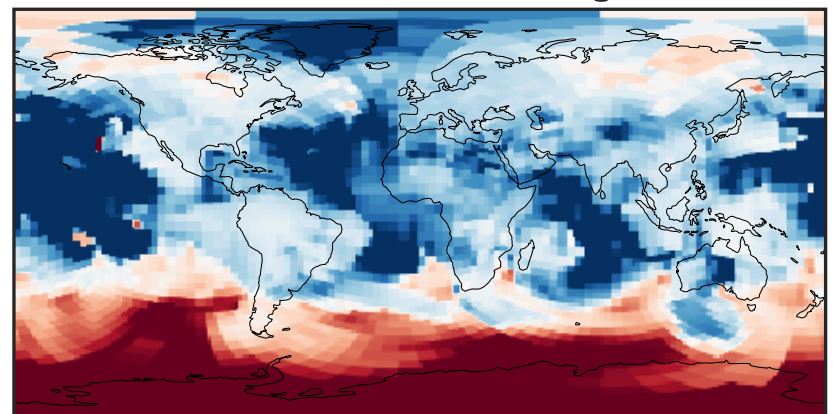
-2 0 2
ppb 1e-5

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



0.158 0.579 1.000 3.658 6.317
unitless

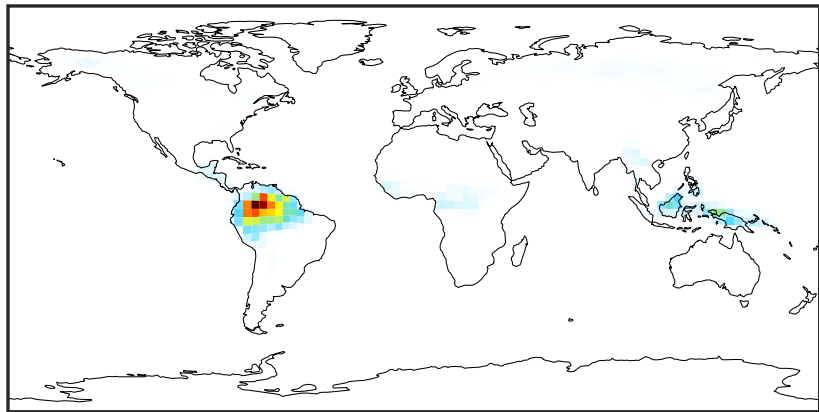
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

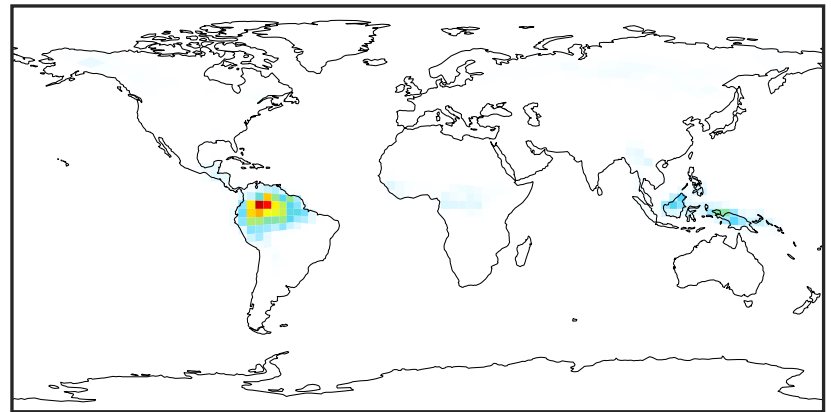
SpeciesConcVV_MTPA (Jul2019)

GCHP_14.0.0 (Ref)
c24



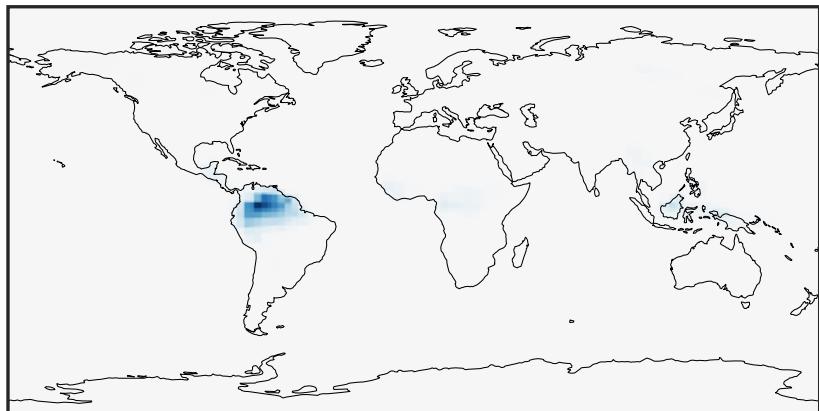
0.000 0.004 0.008 0.012
ppb

GCHP_14.2.0 (Dev)
c24



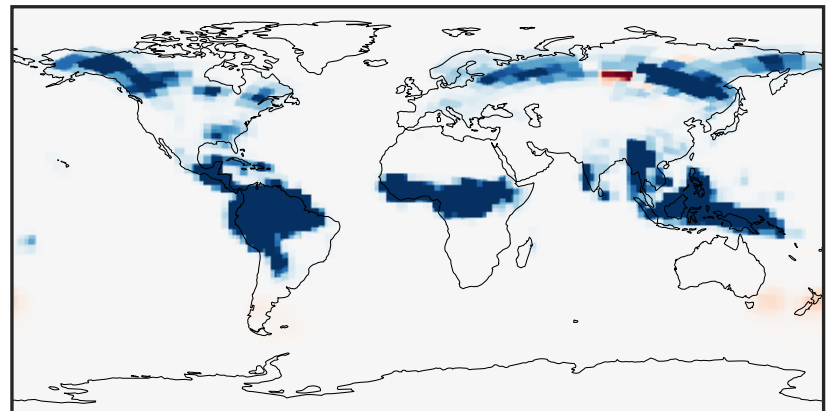
0.000 0.004 0.008 0.012
ppb

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



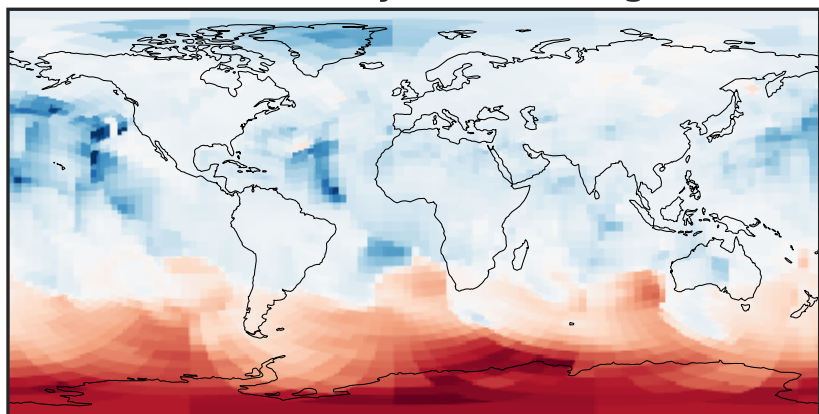
-0.0015 0.0000 0.0015
ppb

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



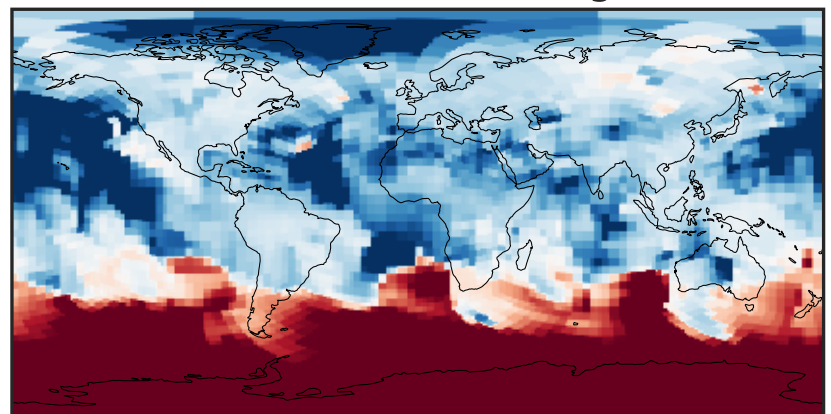
-6 0 6
ppb 1e-6

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



1e-01 1 10
unitless

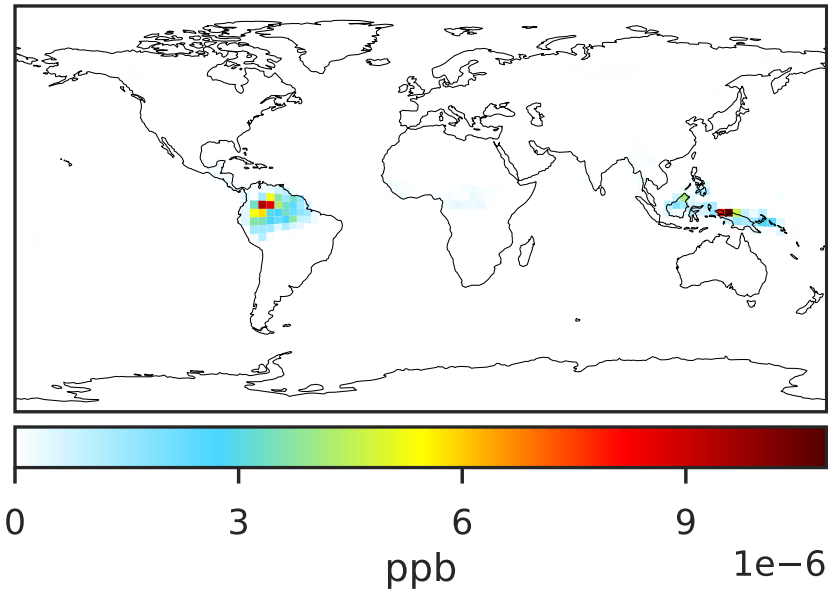
Ratio (1x1.25)
Dev/Ref, Fixed Range



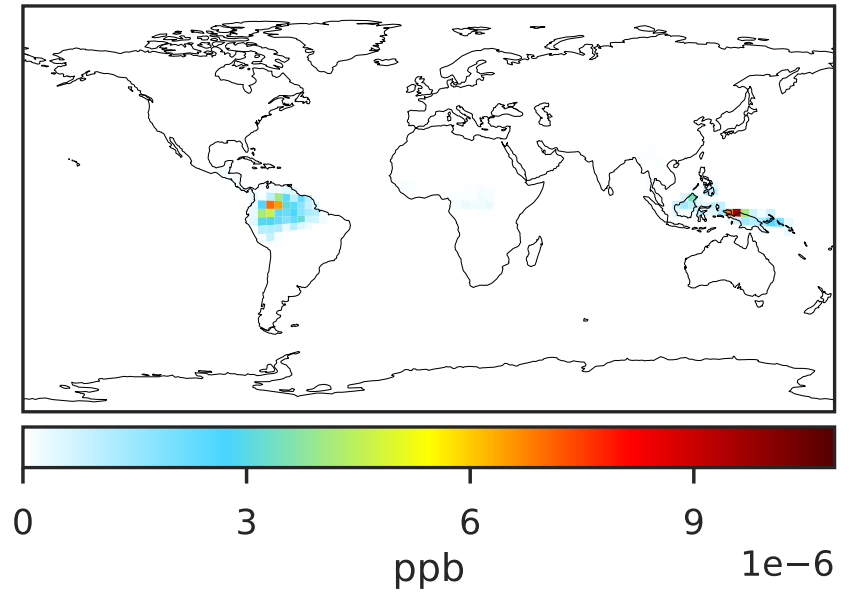
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_MTPO (Jul2019)

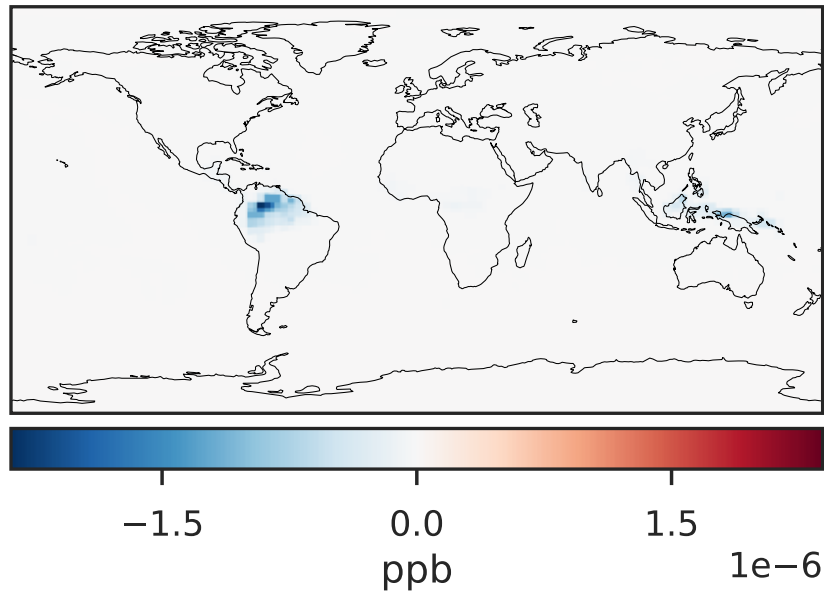
GCHP_14.0.0 (Ref)
c24



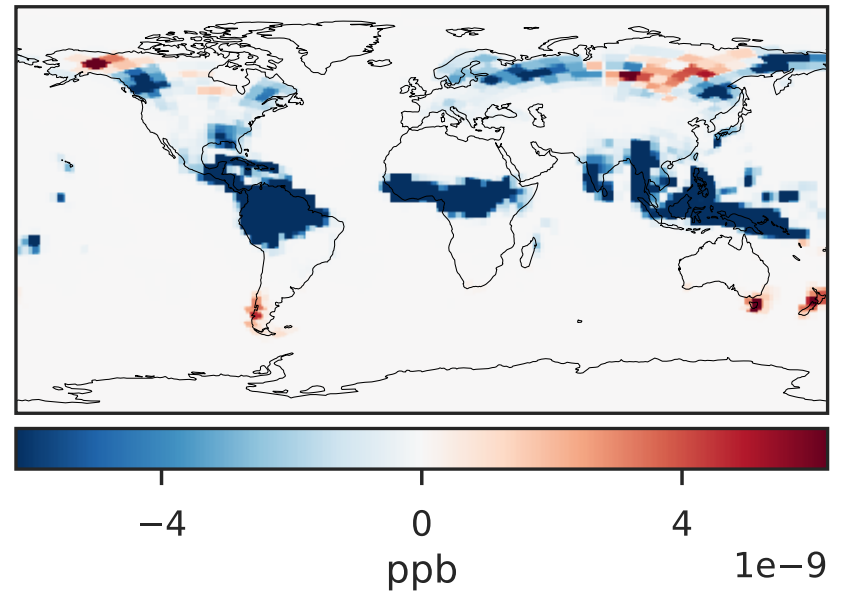
GCHP_14.2.0 (Dev)
c24



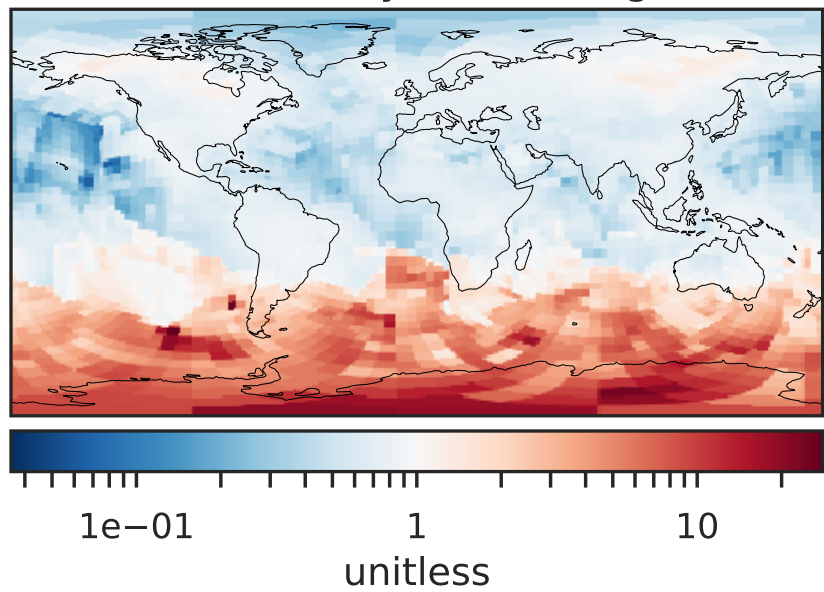
Difference (1x1.25)
Dev - Ref, Dynamic Range



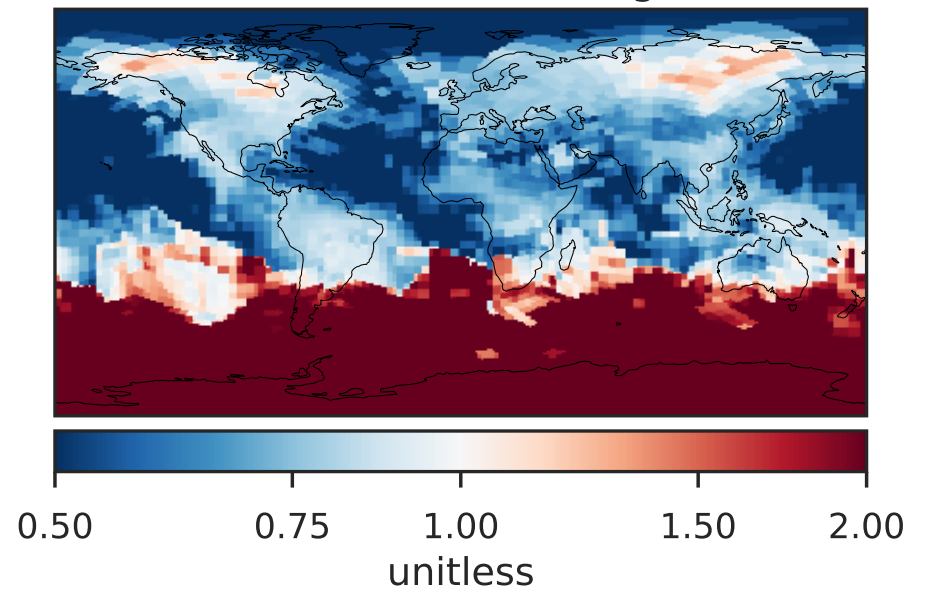
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

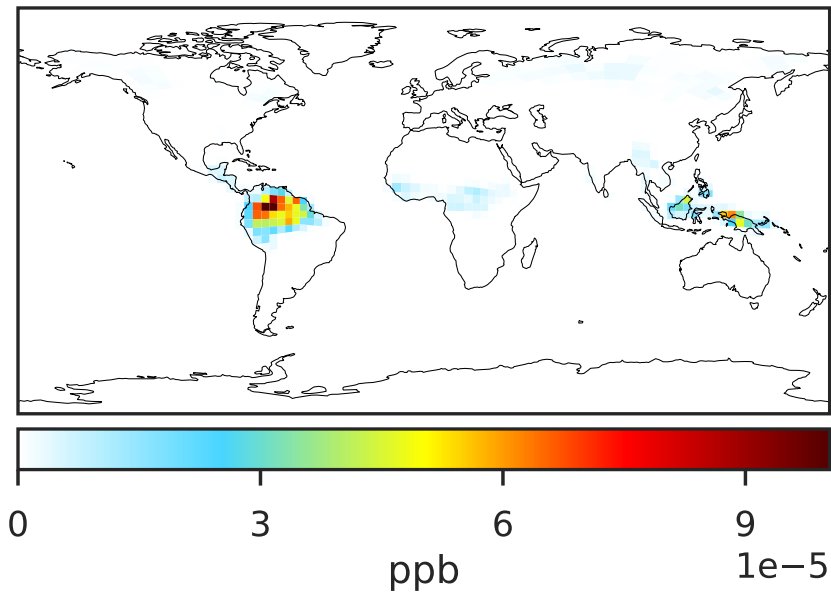


Ratio (1x1.25)
Dev/Ref, Fixed Range

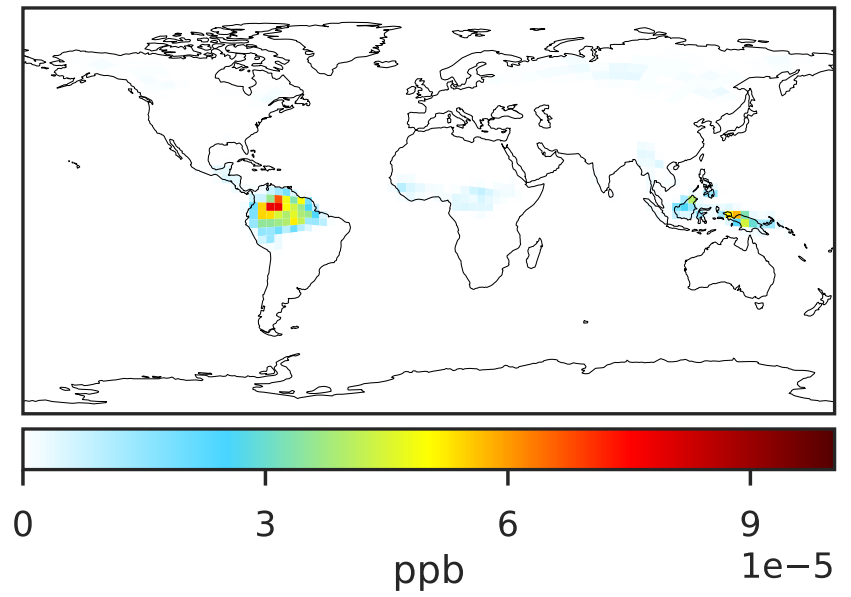


SpeciesConcVV_LIMO (Jul2019)

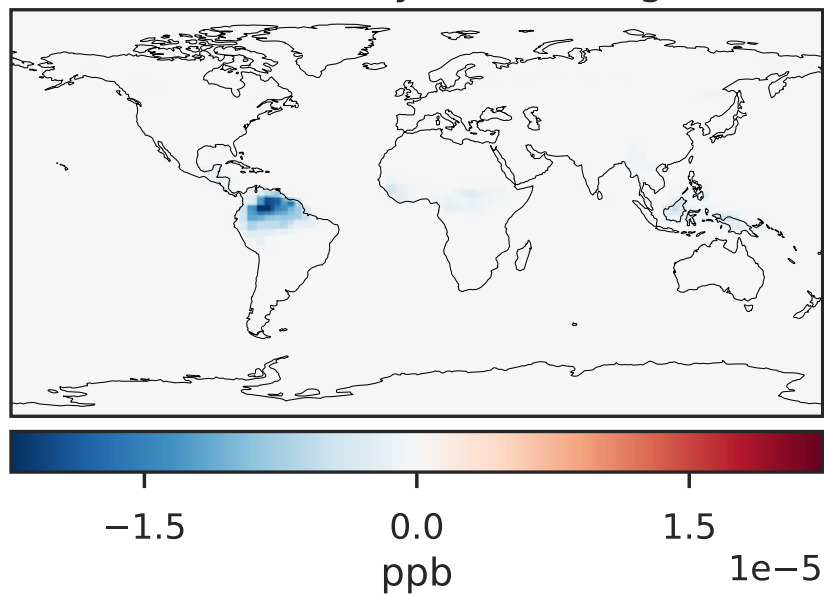
GCHP_14.0.0 (Ref)
c24



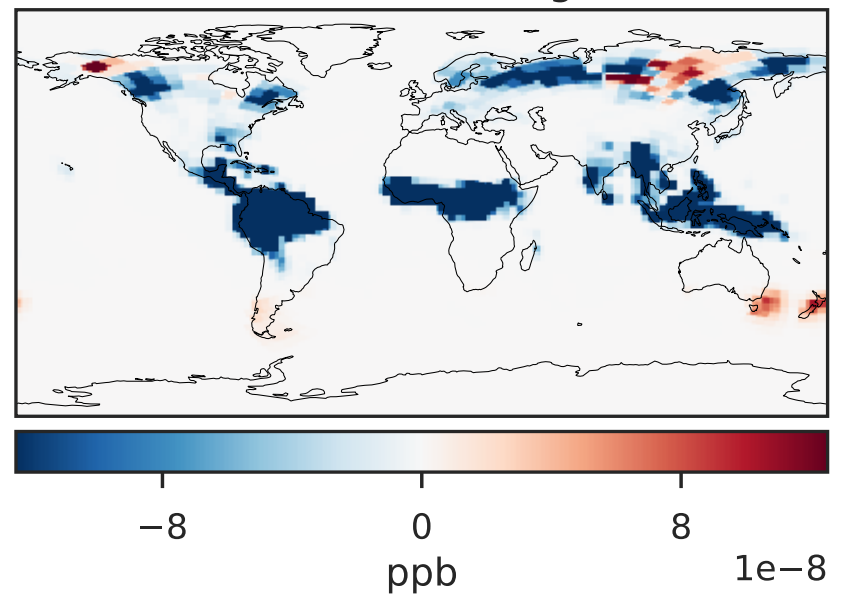
GCHP_14.2.0 (Dev)
c24



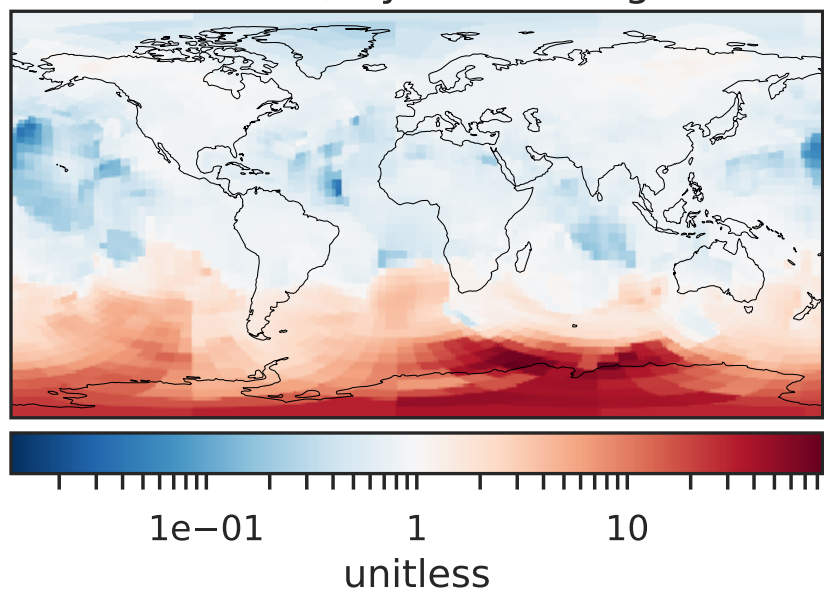
Difference (1x1.25)
Dev - Ref, Dynamic Range



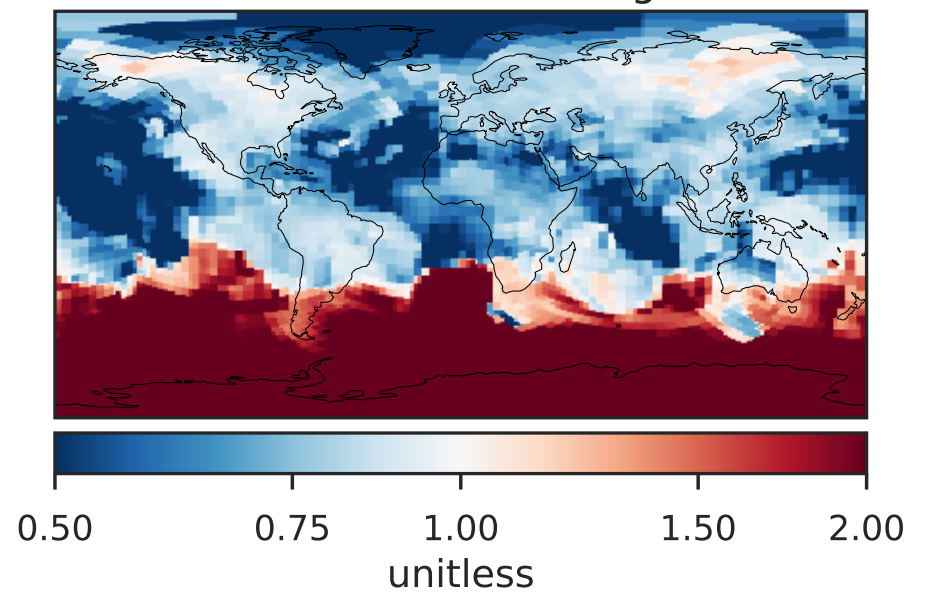
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

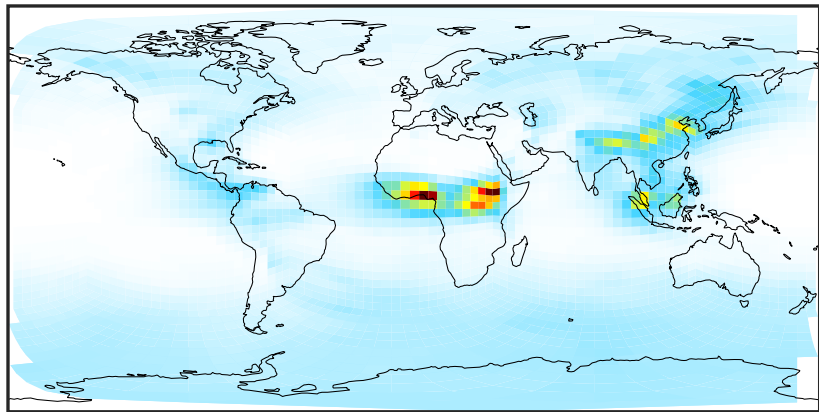


Ratio (1x1.25)
Dev/Ref, Fixed Range



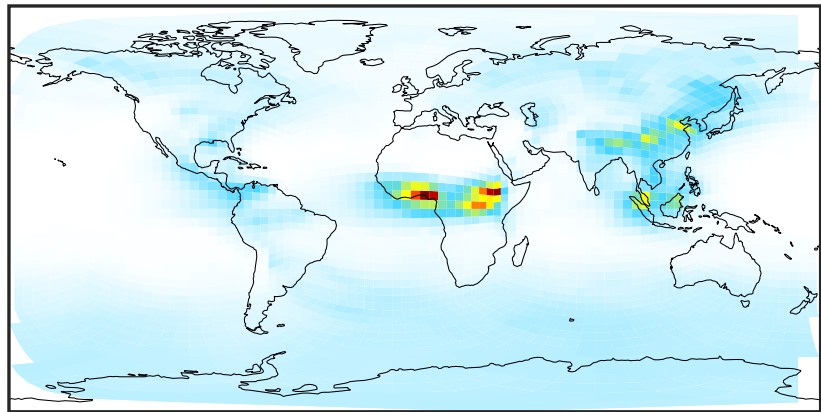
SpeciesConcVV_ALK4 (Jul2019)

GCHP_14.0.0 (Ref)
c24



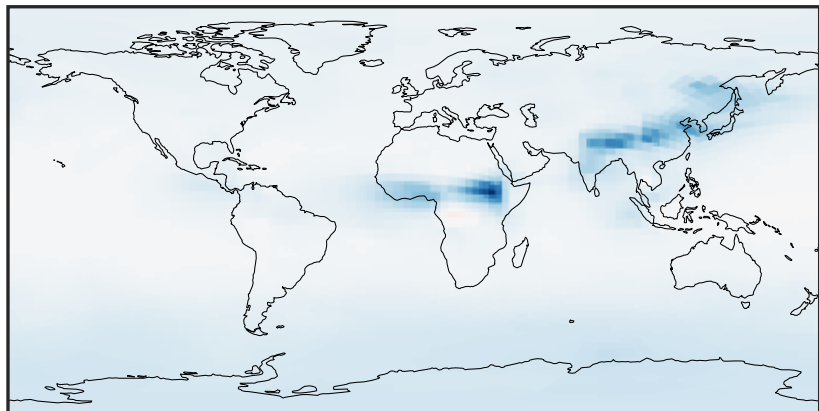
0.0004 0.1042 0.2083 0.3125 0.4170
ppb

GCHP_14.2.0 (Dev)
c24



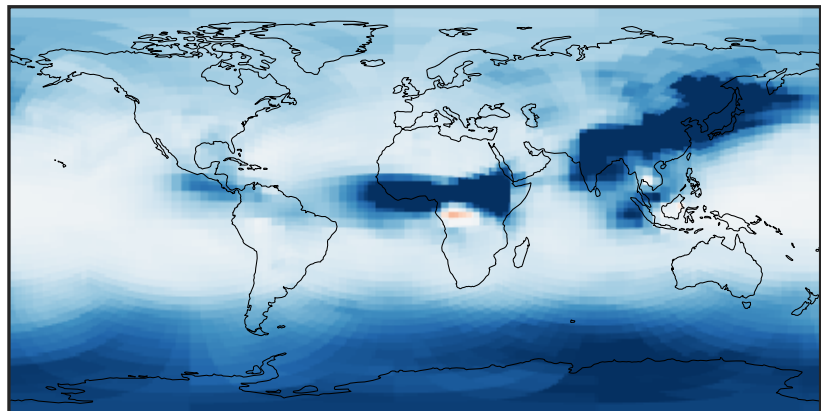
0.0004 0.1042 0.2083 0.3125 0.4170
ppb

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



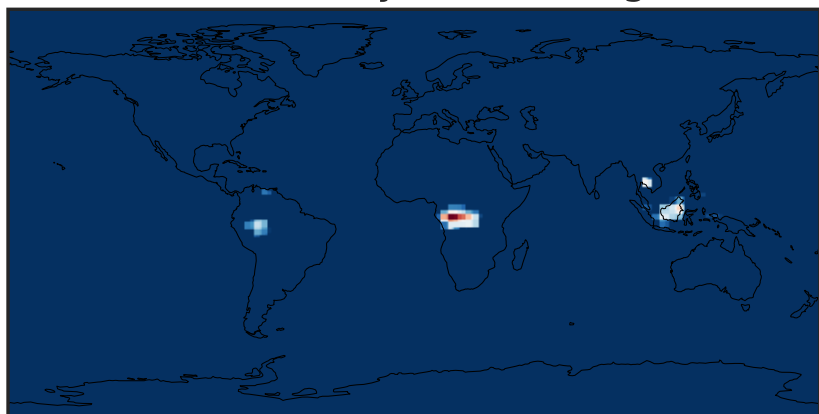
-0.025 0.000 0.025
ppb

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



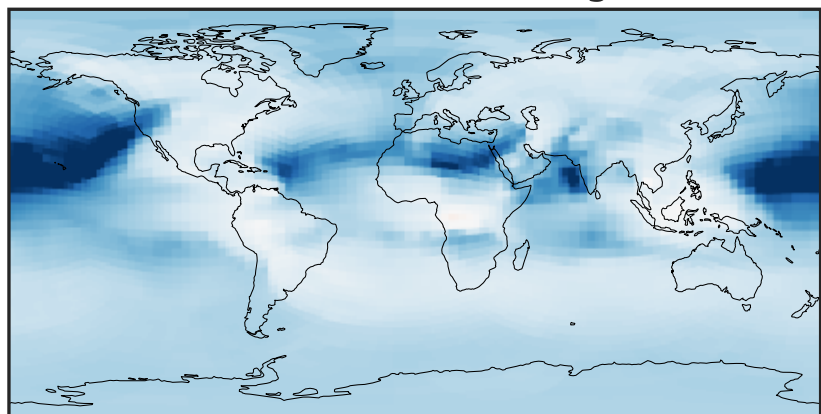
-0.005 0.000 0.005
ppb

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



0.96790 0.98395 1.00000 1.01658 1.03317
unitless

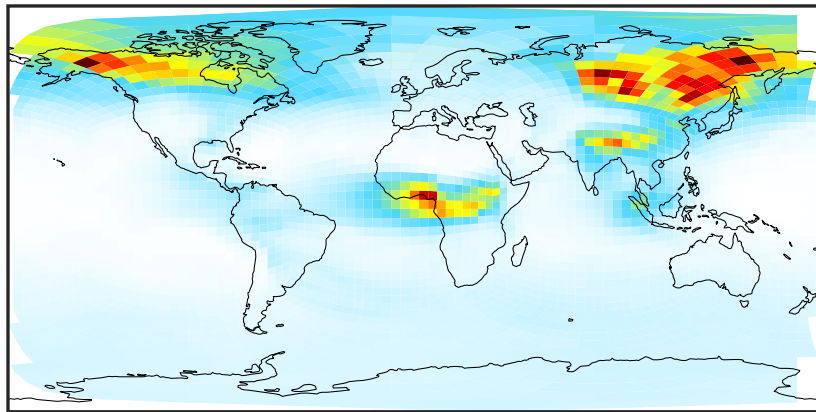
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

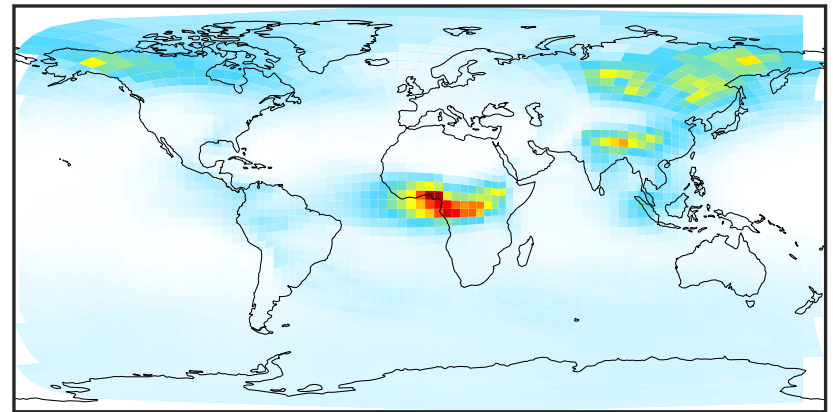
SpeciesConcVV_BENZ (Jul2019)

GCHP_14.0.0 (Ref)
c24



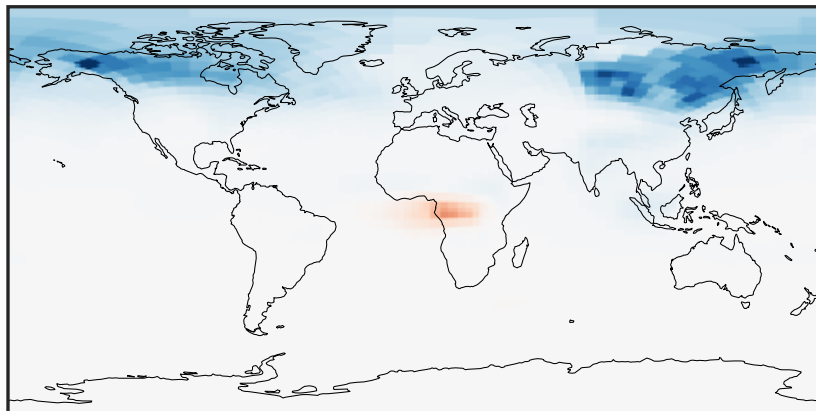
0.0004 0.0263 0.0525 0.0788 0.1054
ppb

GCHP_14.2.0 (Dev)
c24



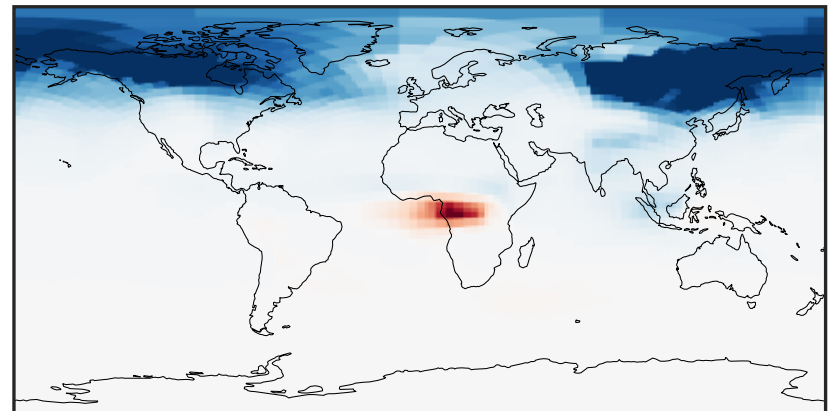
0.0004 0.0263 0.0525 0.0788 0.1054
ppb

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



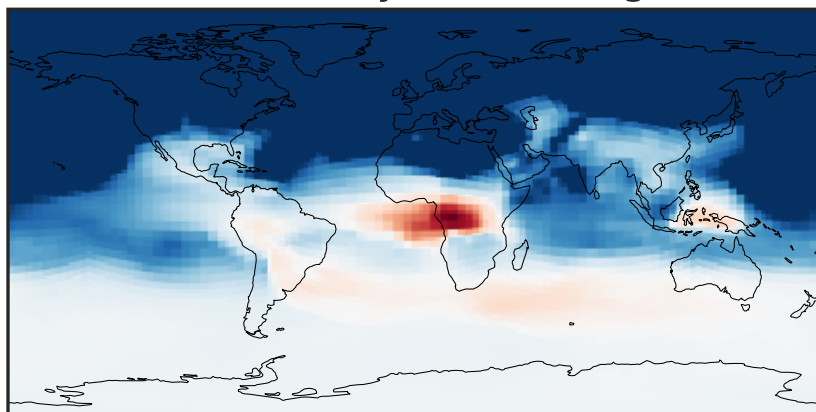
-0.0508 -0.0254 0.0000 0.0254 0.0508
ppb

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



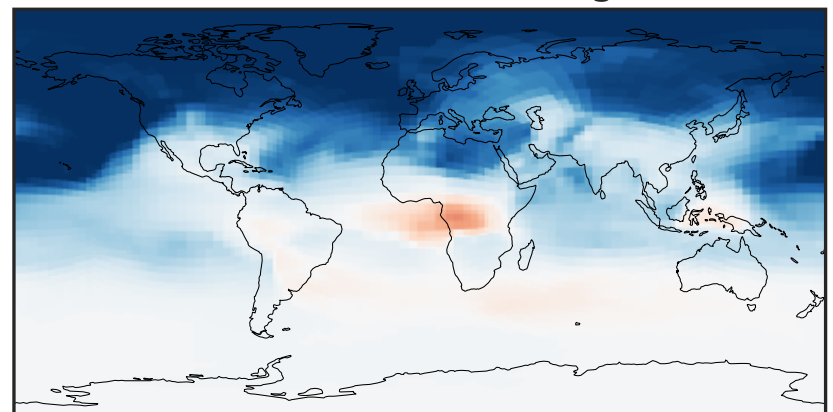
-0.015 0.000 0.015
ppb

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



0.7223 0.8612 1.0000 1.1922 1.3845
unitless

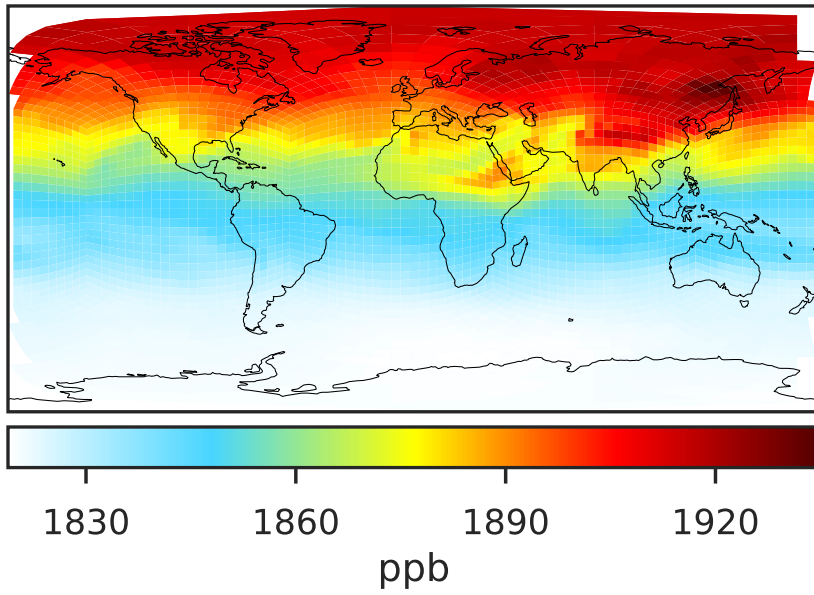
Ratio (1x1.25)
Dev/Ref, Fixed Range



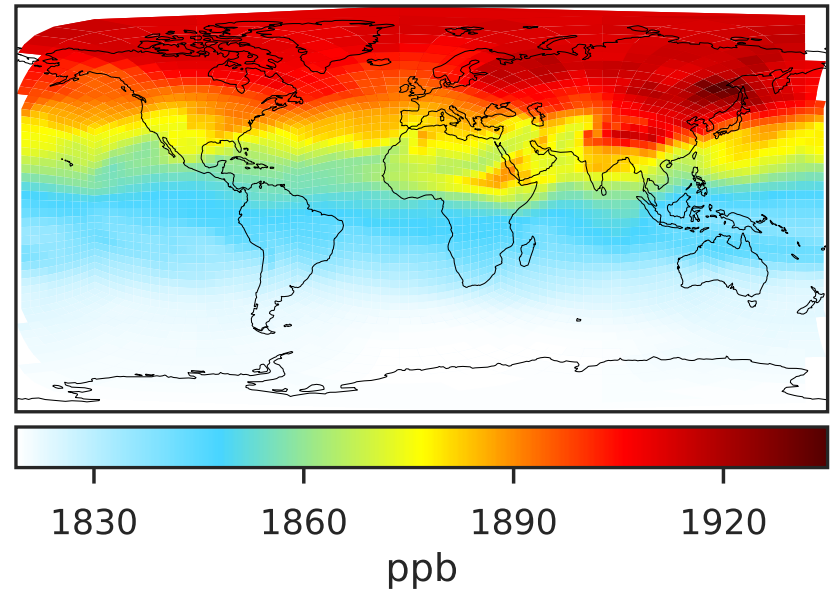
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_CH4 (Jul2019)

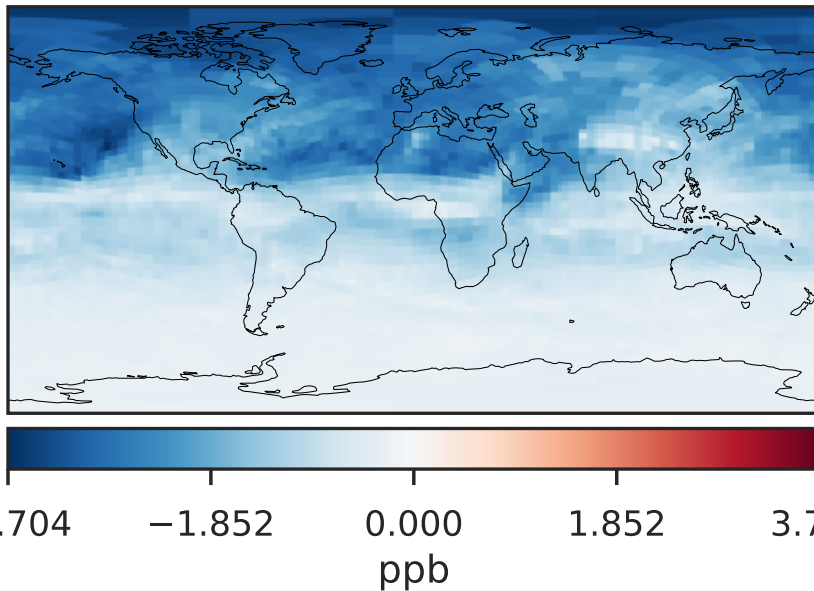
GCHP_14.0.0 (Ref)
c24



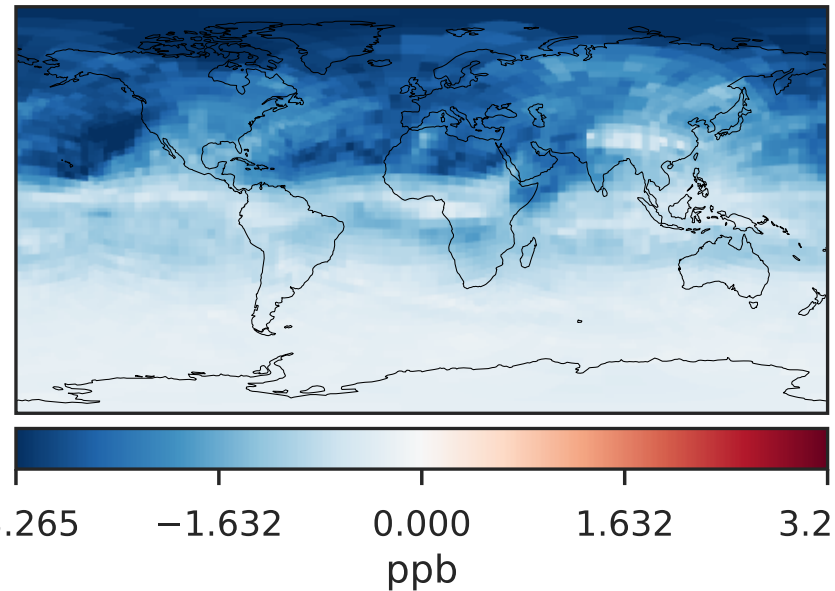
GCHP_14.2.0 (Dev)
c24



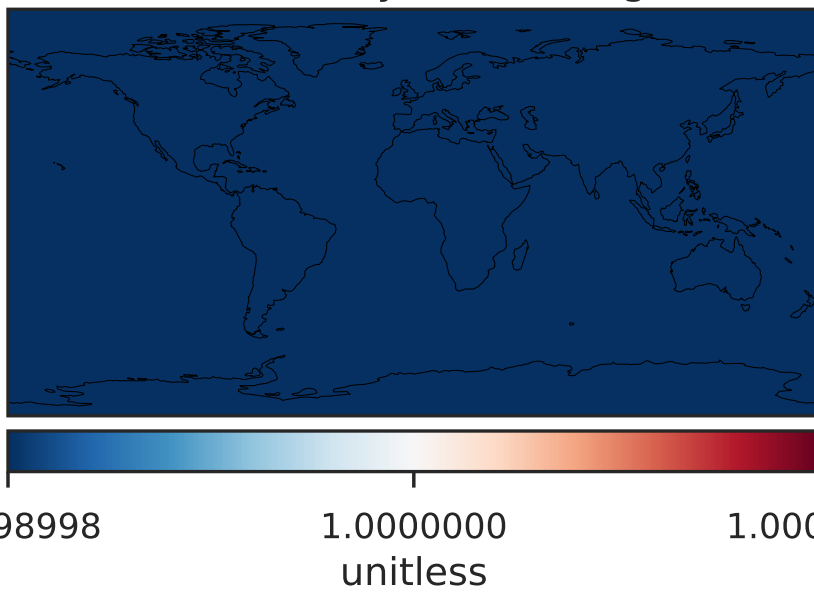
Difference (1x1.25)
Dev - Ref, Dynamic Range



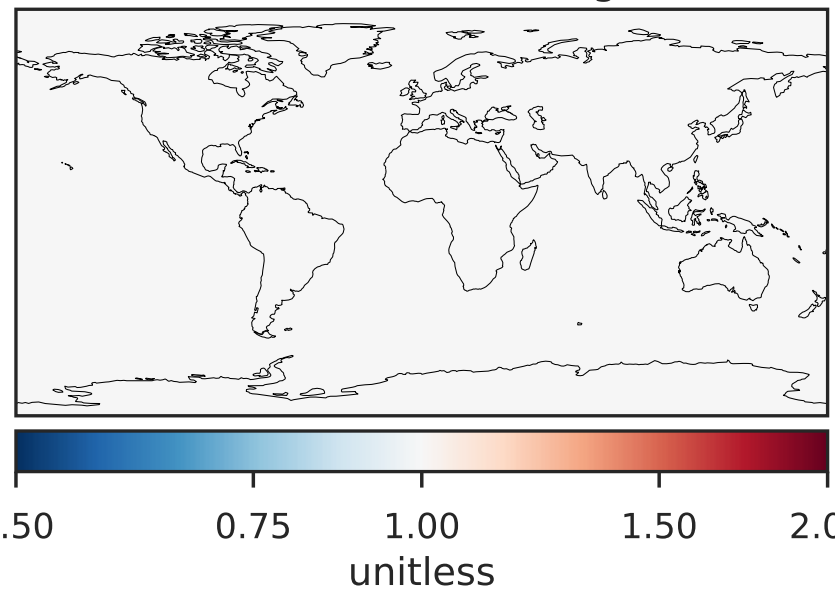
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

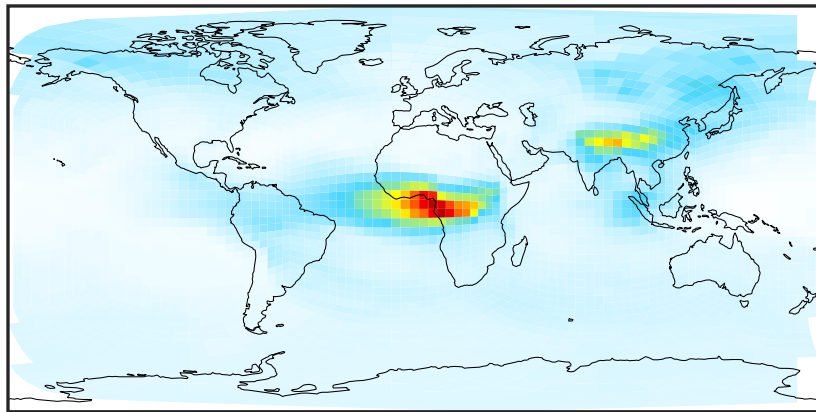


Ratio (1x1.25)
Dev/Ref, Fixed Range



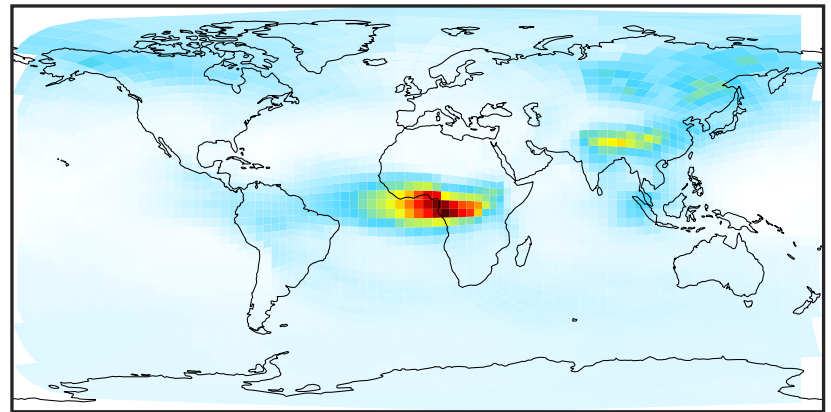
SpeciesConcVW_C2H2 (Jul2019)

GCHP_14.0.0 (Ref)
c24



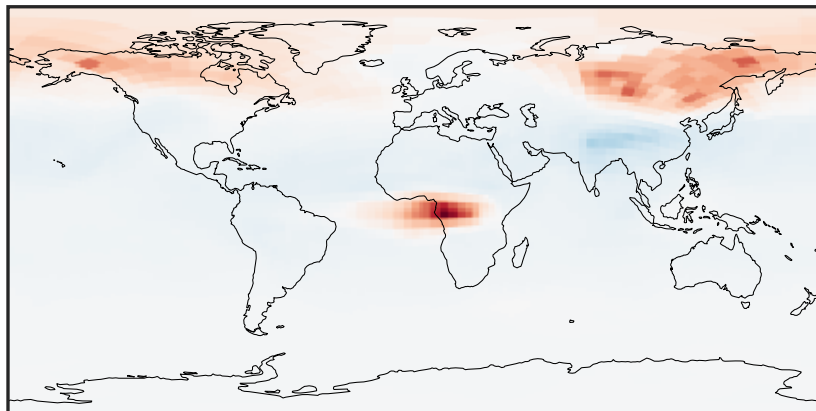
0.0047 0.0882 0.1765 0.2647 0.3576
ppb

GCHP_14.2.0 (Dev)
c24



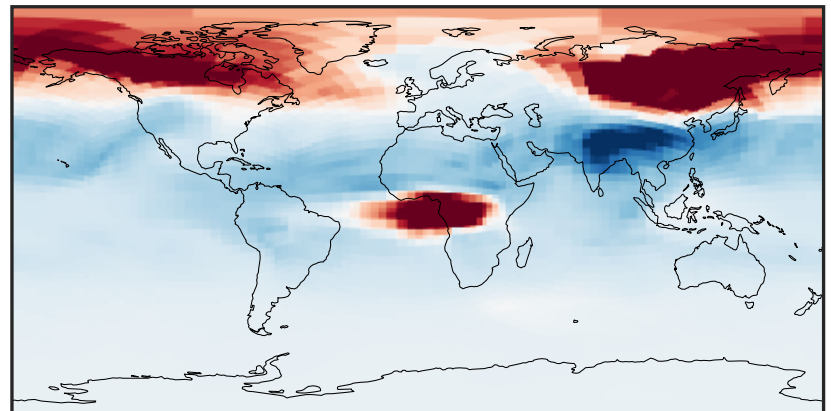
0.0047 0.0882 0.1765 0.2647 0.3576
ppb

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



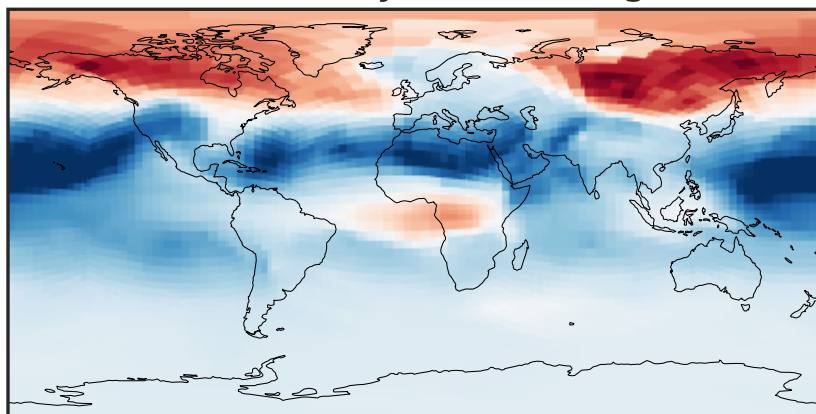
-0.0510 -0.0255 0.0000 0.0255 0.0510
ppb

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



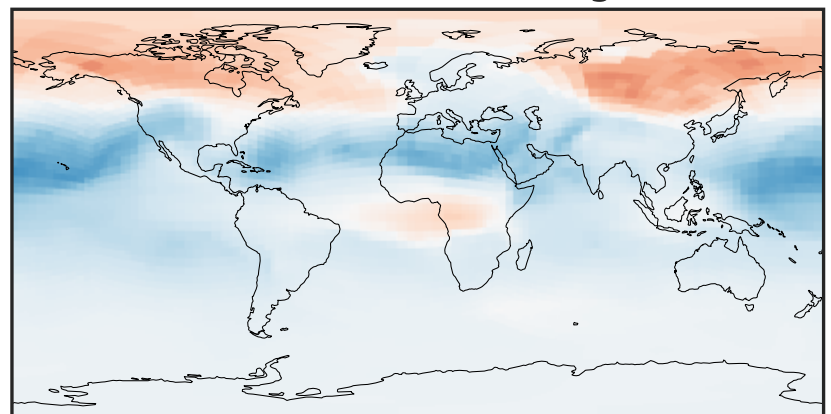
-0.006 0.000 0.006
ppb

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



0.7191 0.8596 1.0000 1.1953 1.3906
unitless

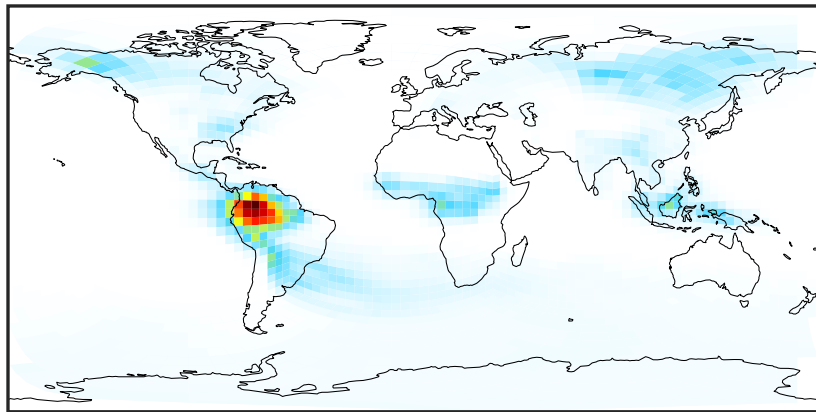
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

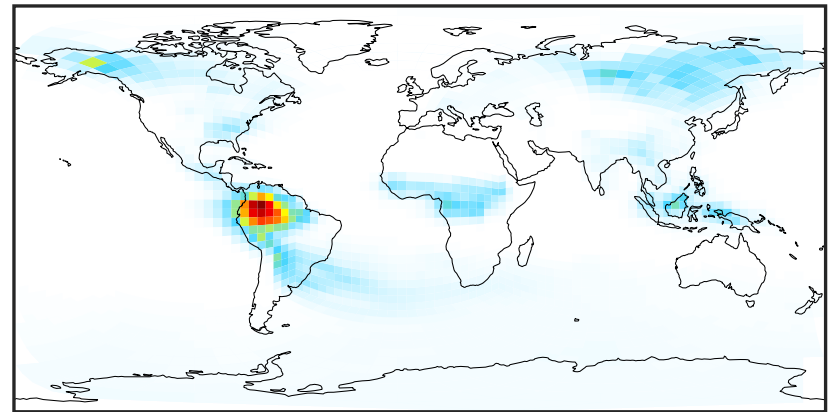
SpeciesConcVW_C2H4 (Jul2019)

GCHP_14.0.0 (Ref)
c24



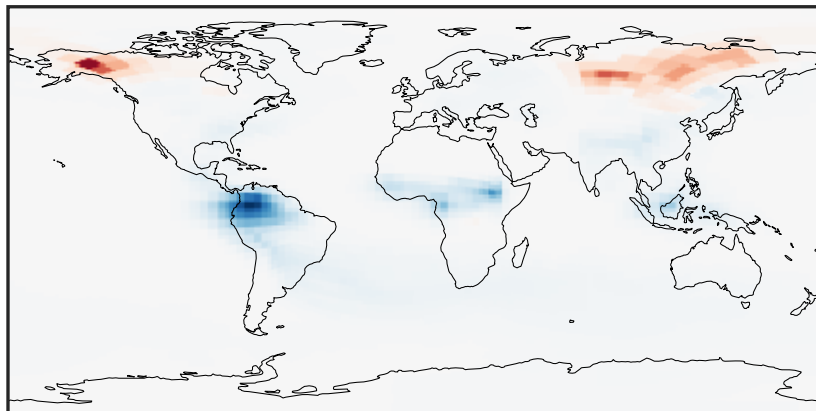
0.0000 0.0732 0.1465 0.2197 0.2929
ppb

GCHP_14.2.0 (Dev)
c24



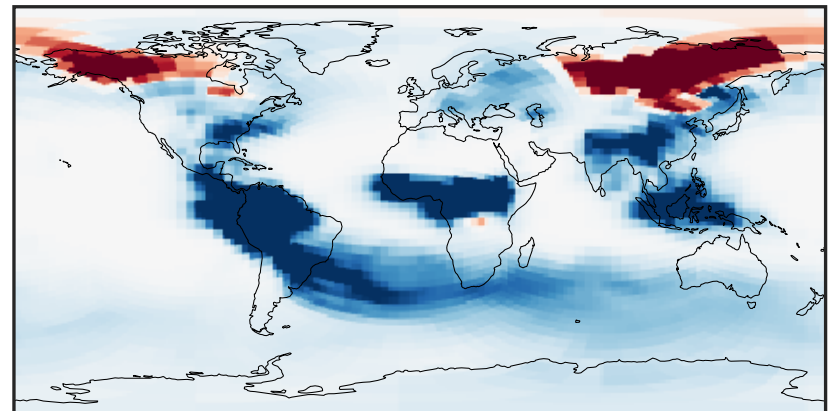
0.0000 0.0732 0.1465 0.2197 0.2929
ppb

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



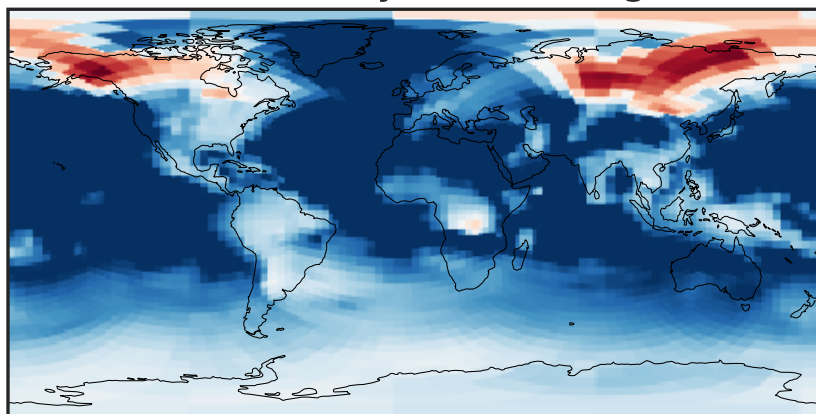
-0.015 0.000 0.015
ppb

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



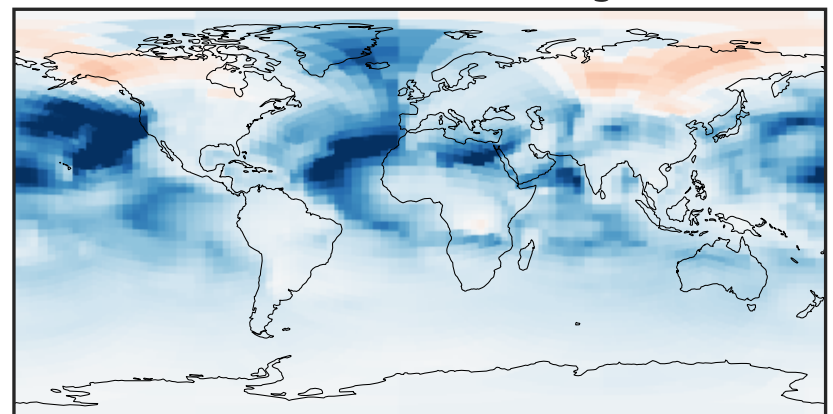
-0.0008 0.0000 0.0008
ppb

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



0.8156 0.9078 1.0000 1.1130 1.2261
unitless

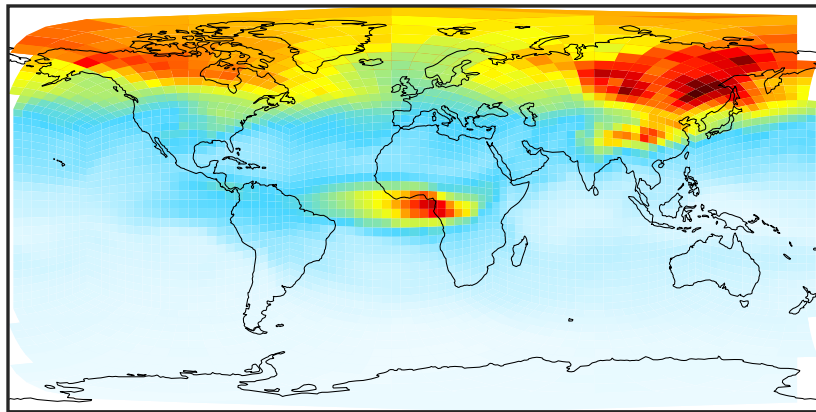
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

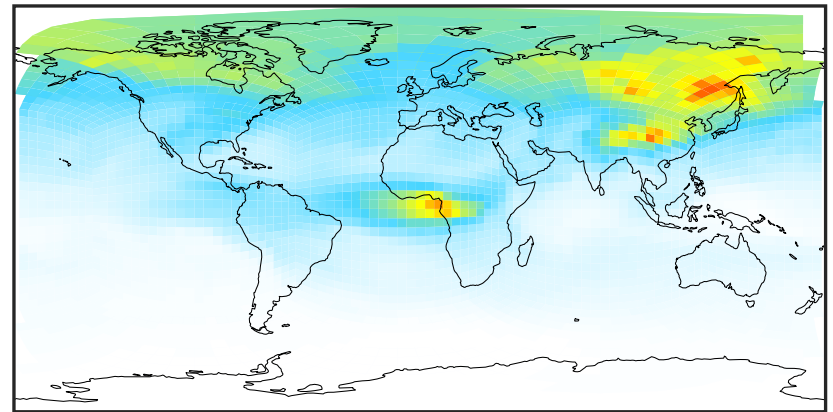
SpeciesConcVW_C2H6 (Jul2019)

GCHP_14.0.0 (Ref)
c24



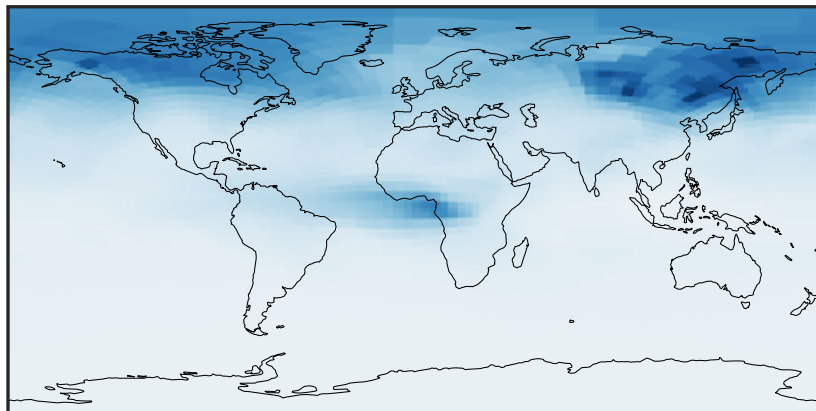
0.086 0.334 0.668 1.001 1.421
ppb

GCHP_14.2.0 (Dev)
c24



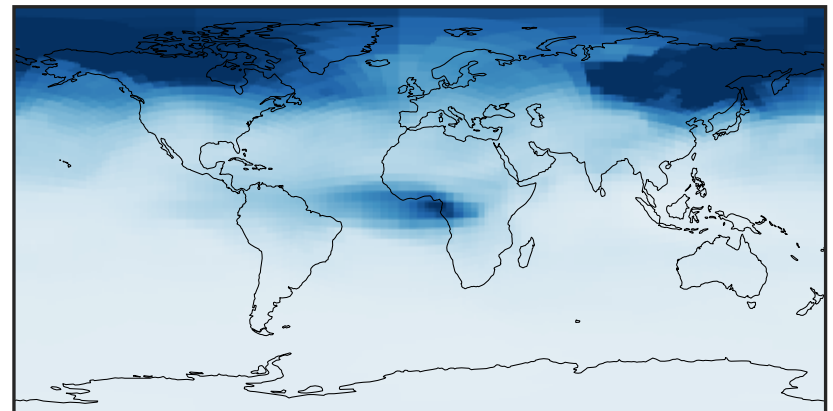
0.086 0.334 0.668 1.001 1.421
ppb

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



-0.4793 -0.2397 0.0000 0.2397 0.4793
ppb

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



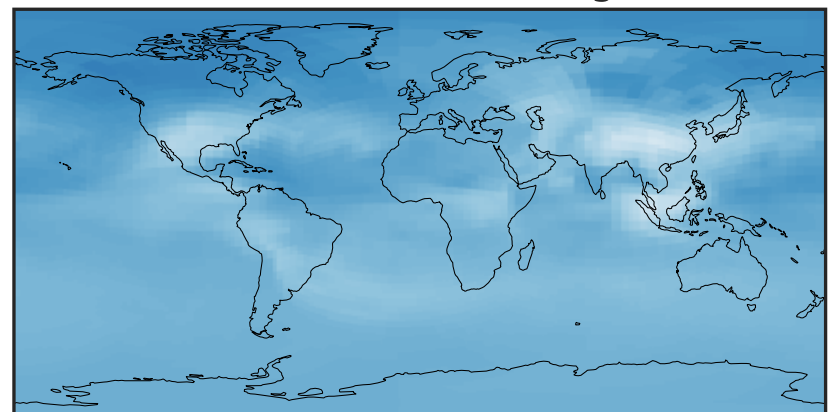
-0.3219 -0.1609 0.0000 0.1609 0.3219
ppb

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



0.8859 0.9430 1.0000 1.0644 1.1288
unitless

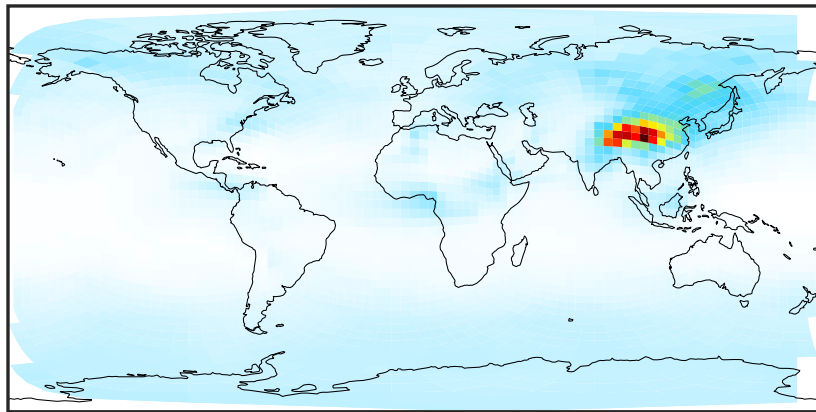
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

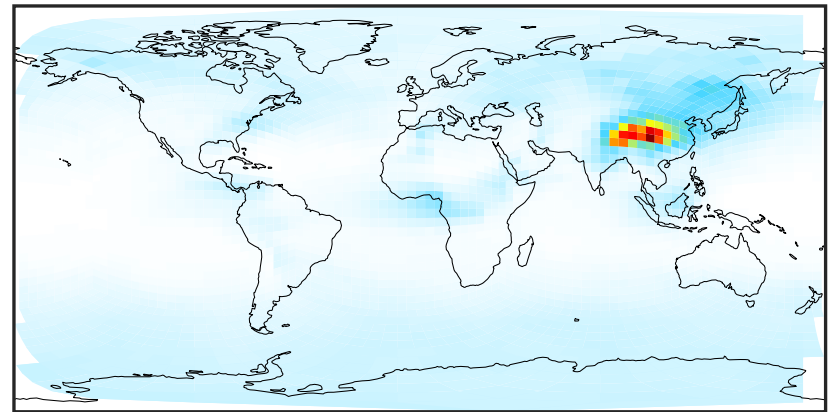
SpeciesConcVW_C3H8 (Jul2019)

GCHP_14.0.0 (Ref)
c24



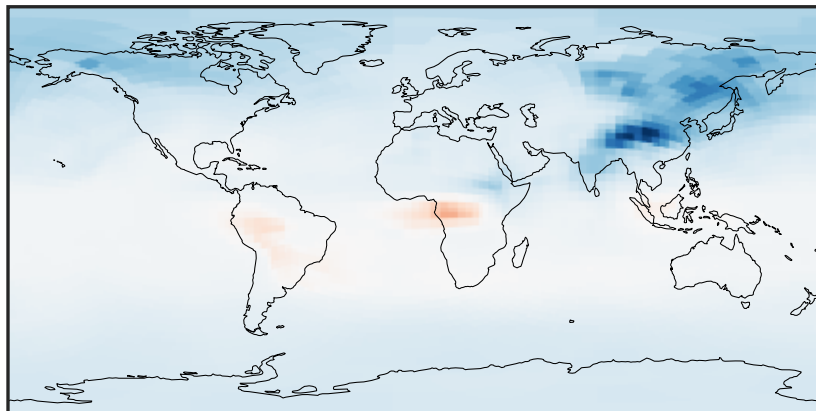
0.0024 0.1511 0.3023 0.4534 0.6070
ppb

GCHP_14.2.0 (Dev)
c24



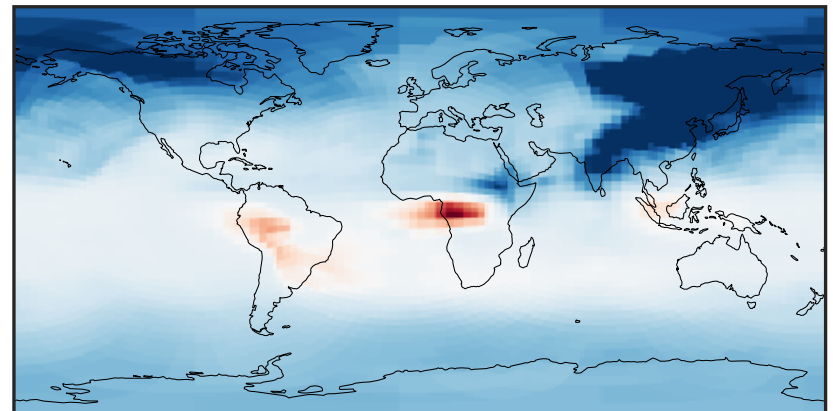
0.0024 0.1511 0.3023 0.4534 0.6070
ppb

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



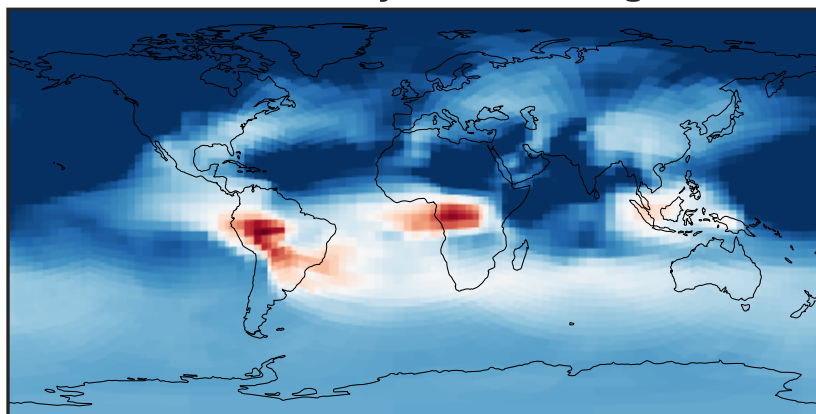
-0.0531 -0.0266 0.0000 0.0266 0.0531
ppb

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



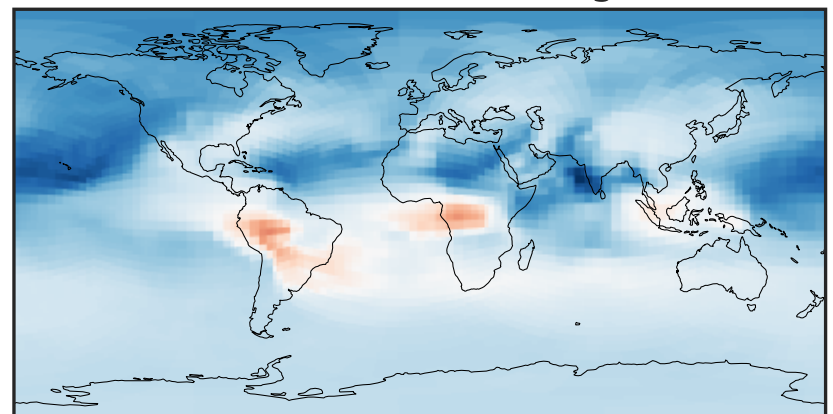
-0.01 0.00 0.01
ppb

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



0.7126 0.8563 1.0000 1.2016 1.4032
unitless

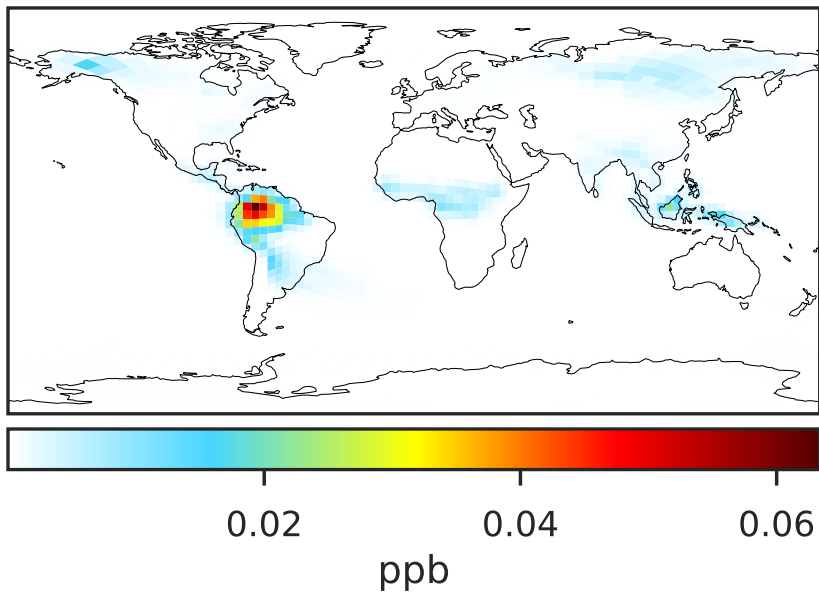
Ratio (1x1.25)
Dev/Ref, Fixed Range



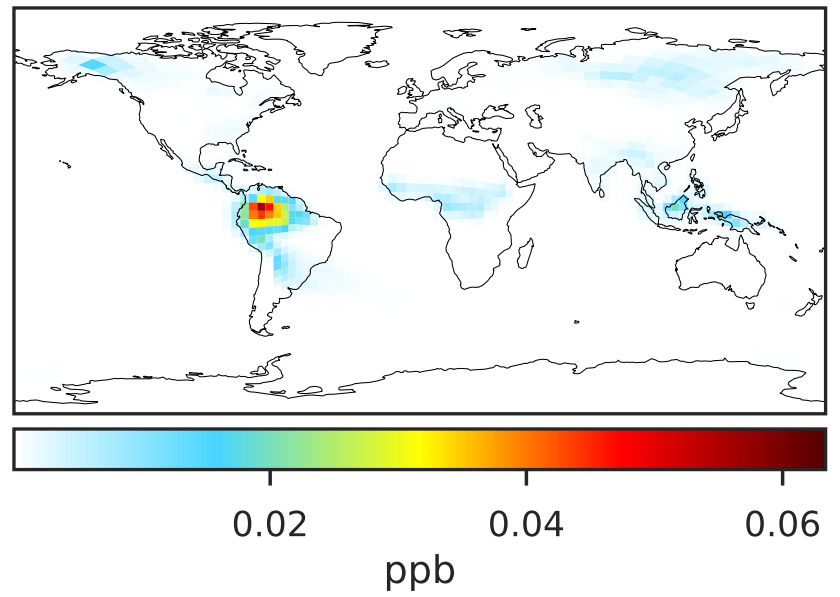
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_PRPE (Jul2019)

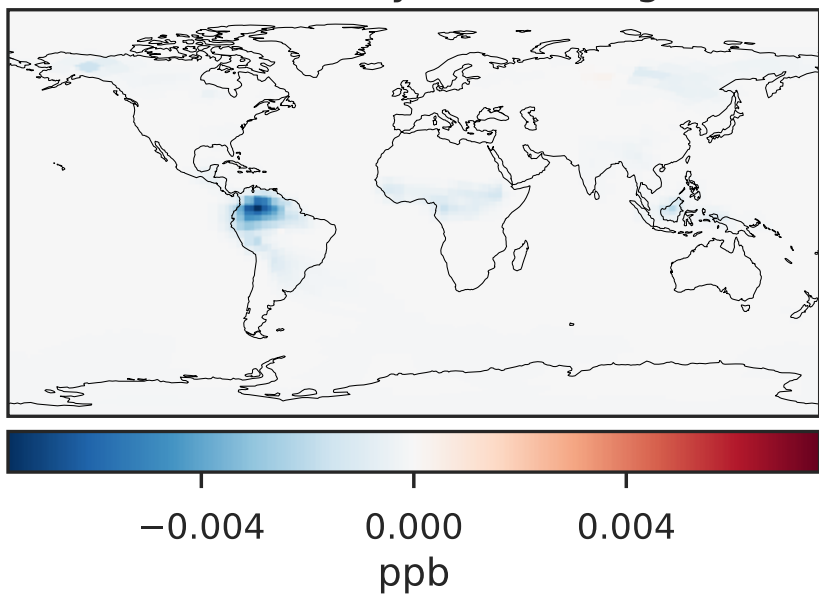
GCHP_14.0.0 (Ref)
c24



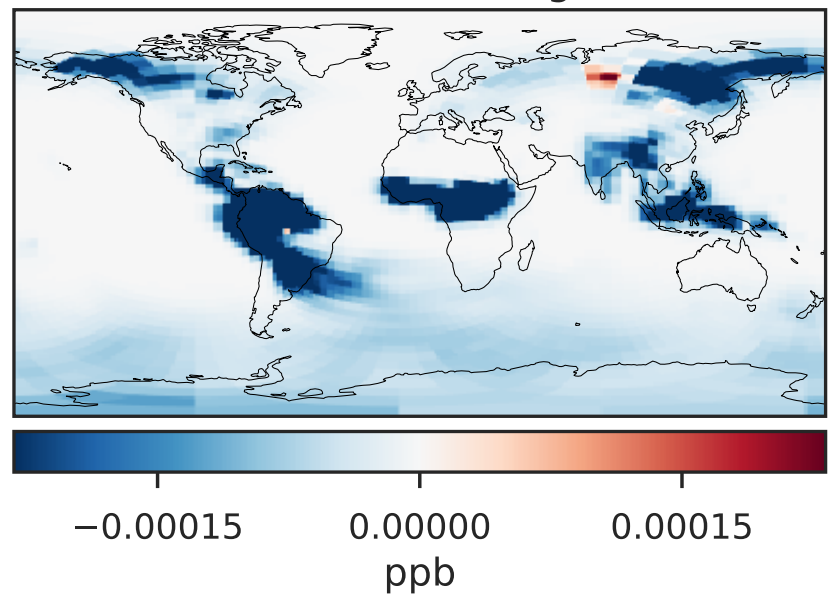
GCHP_14.2.0 (Dev)
c24



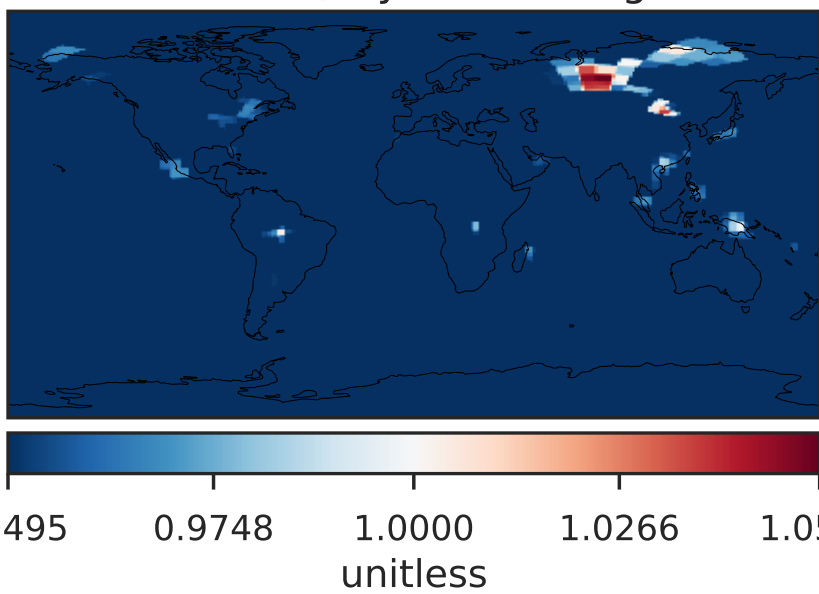
Difference (1x1.25)
Dev - Ref, Dynamic Range



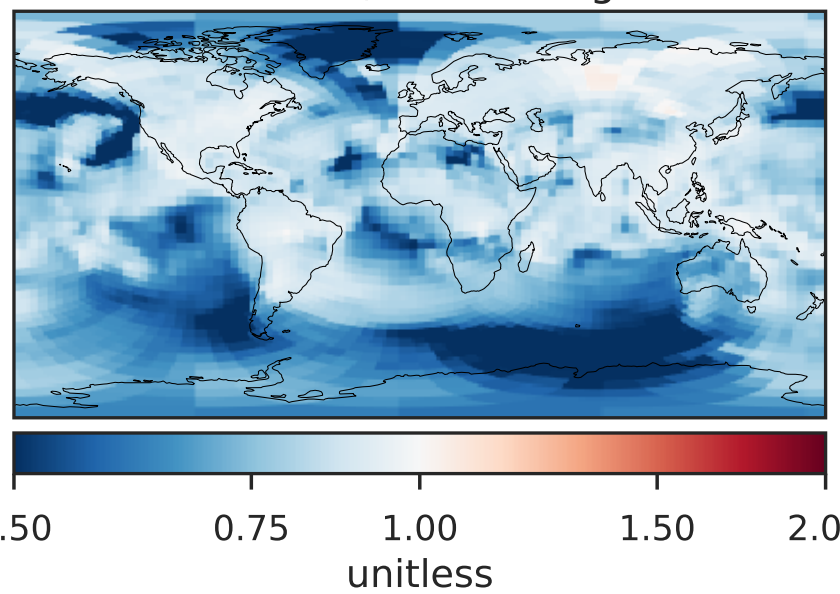
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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



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

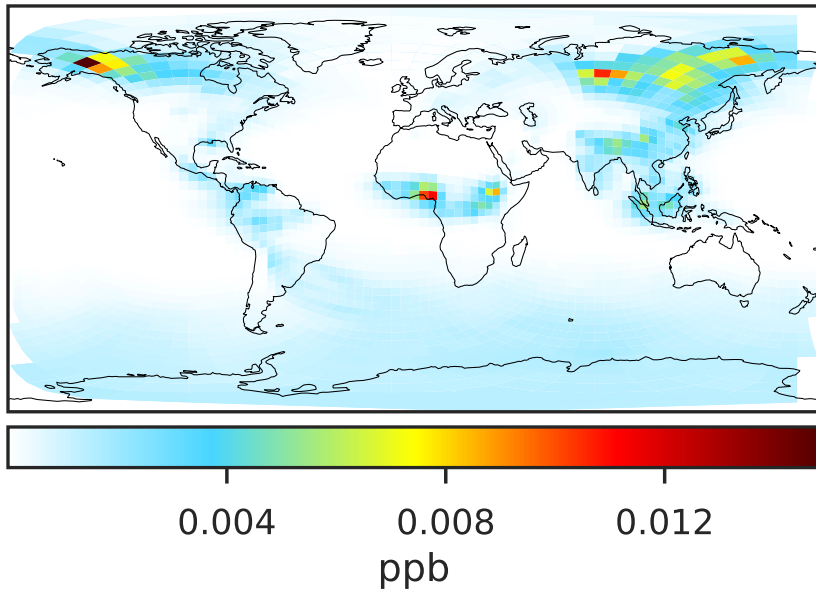


0.9495 0.9748 1.0000 1.0266 1.0532
unitless

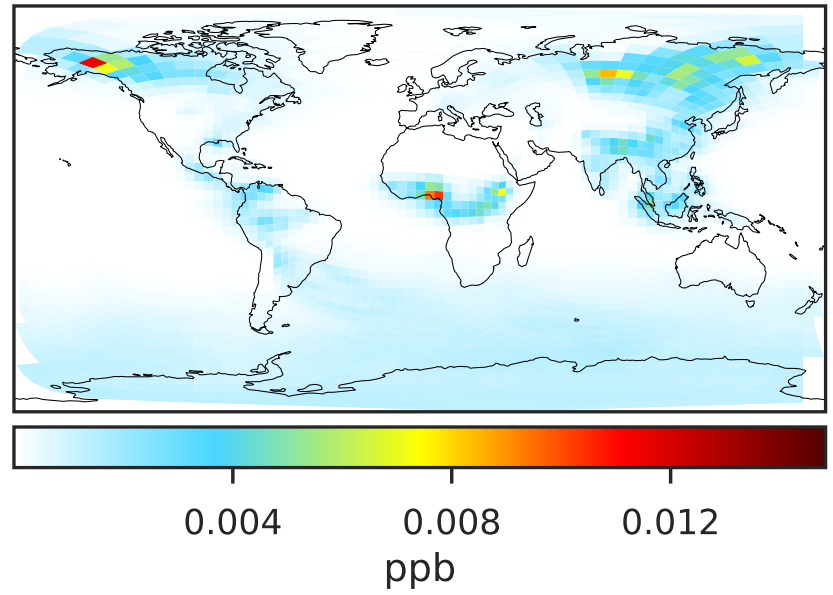
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_TOLU (Jul2019)

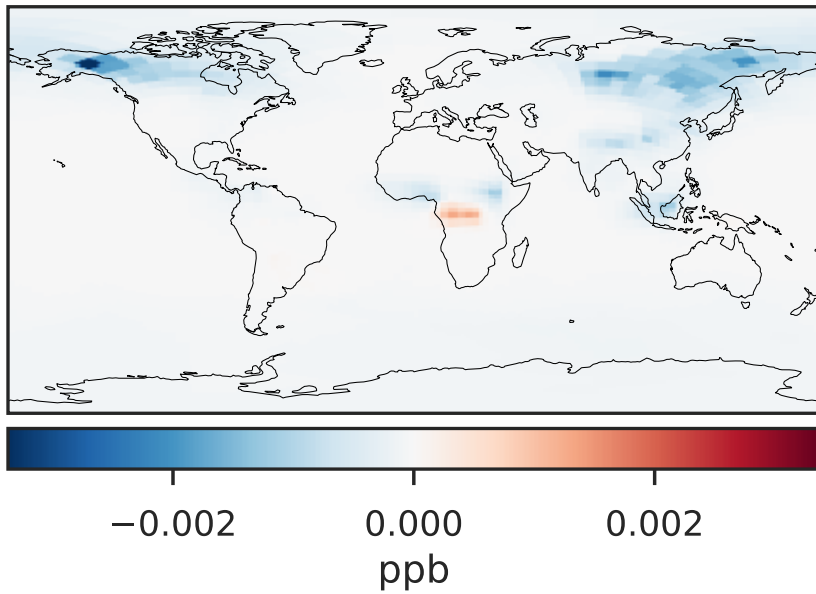
GCHP_14.0.0 (Ref)
c24



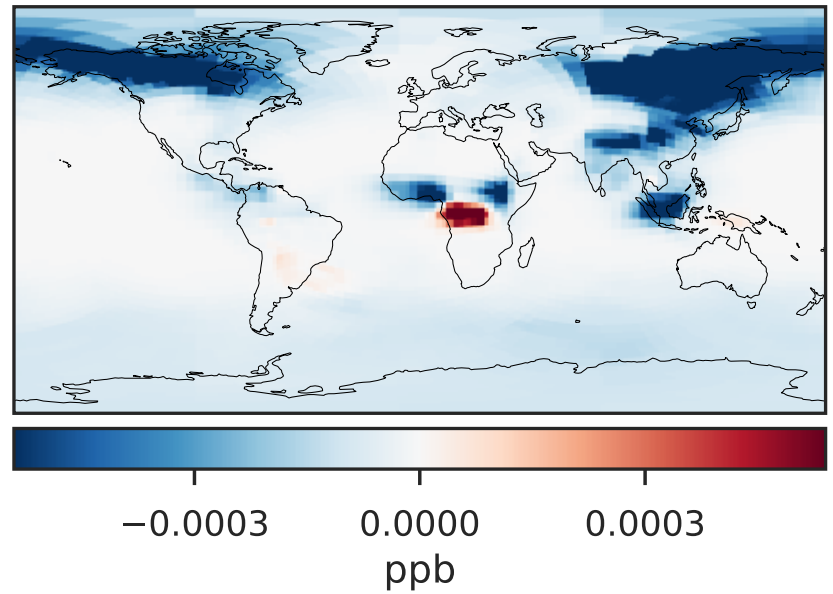
GCHP_14.2.0 (Dev)
c24



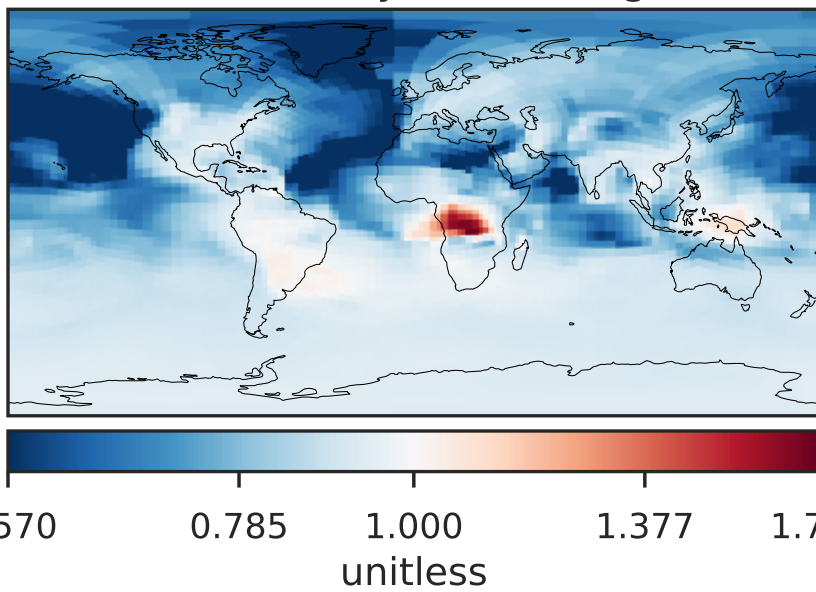
Difference (1x1.25)
Dev - Ref, Dynamic Range



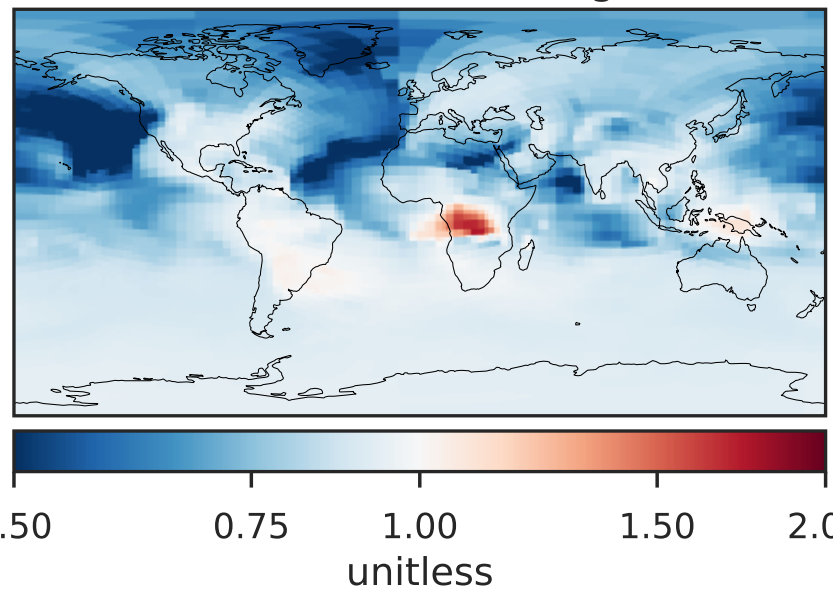
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

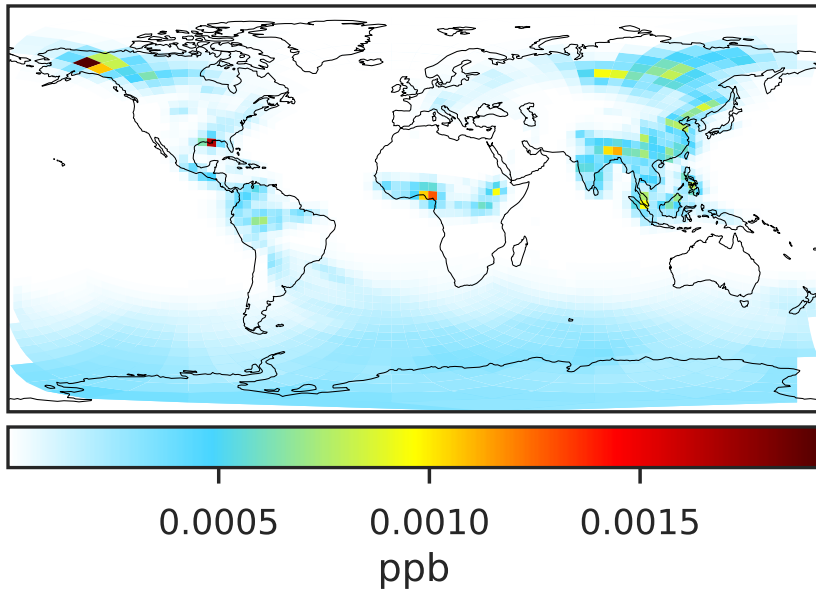


Ratio (1x1.25)
Dev/Ref, Fixed Range

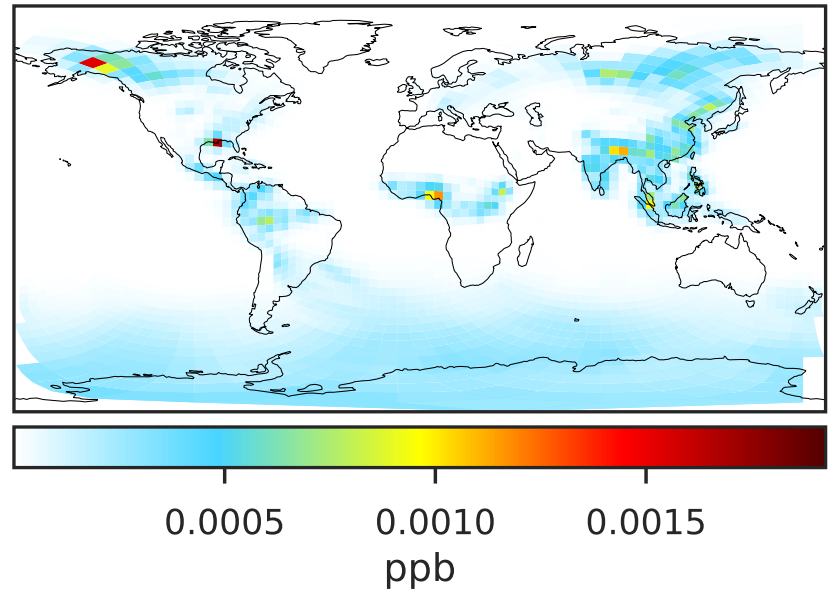


SpeciesConcVV_XYLE (Jul2019)

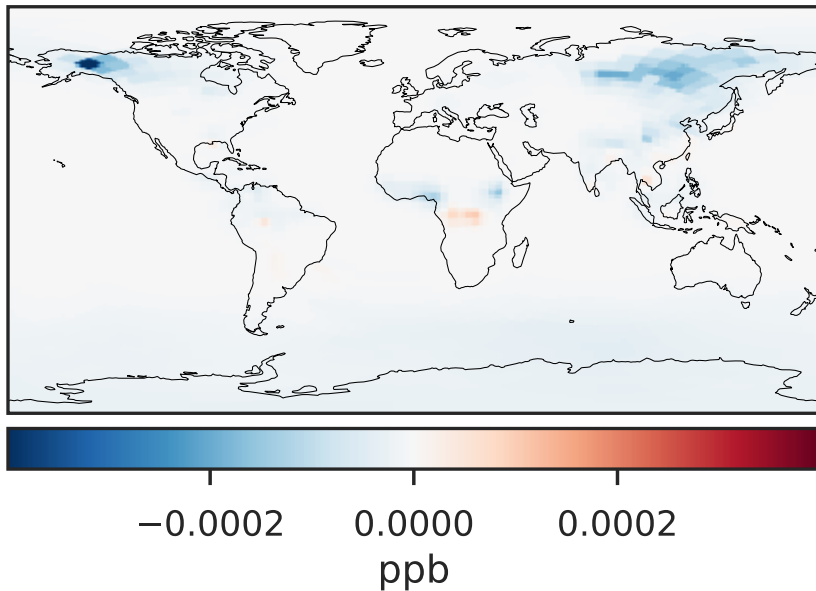
GCHP_14.0.0 (Ref)
c24



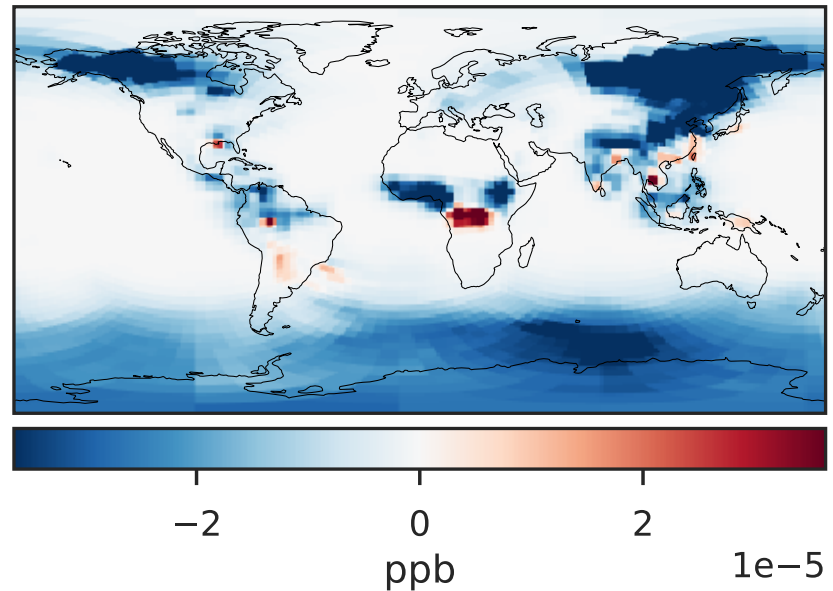
GCHP_14.2.0 (Dev)
c24



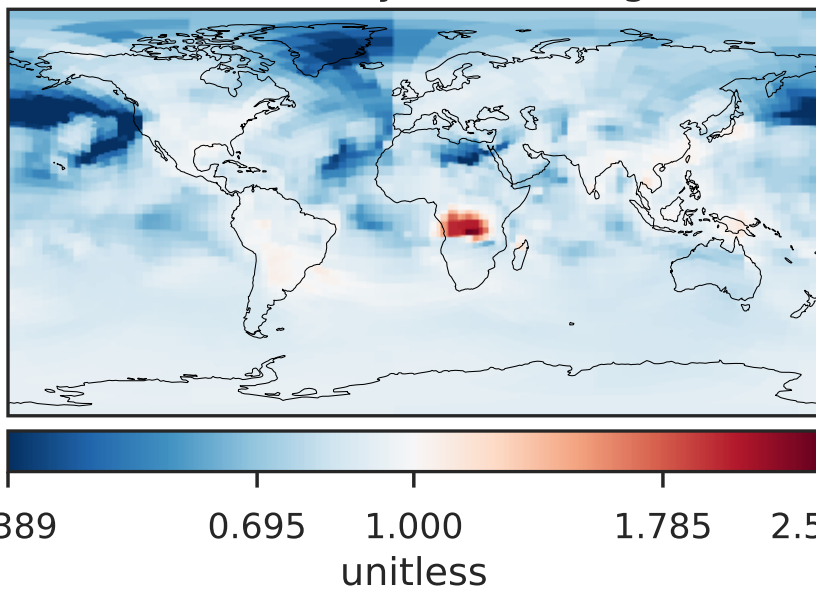
Difference (1x1.25)
Dev - Ref, Dynamic Range



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



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



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

