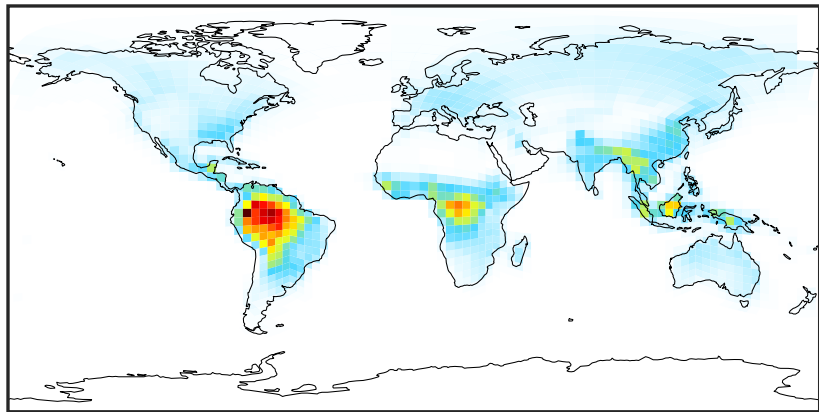


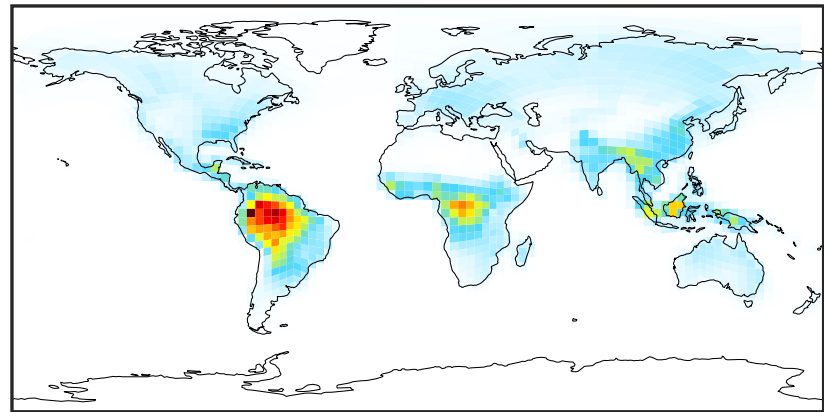
SpeciesConcVW_EOH (Oct2019)

GCHP_14.0.0 (Ref)
c24



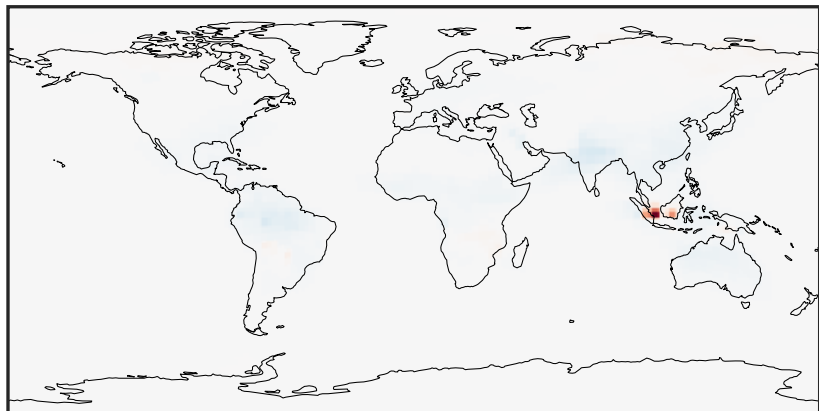
0.000 0.554 1.109 1.663 2.217
ppb

GCHP_14.2.0 (Dev)
c24



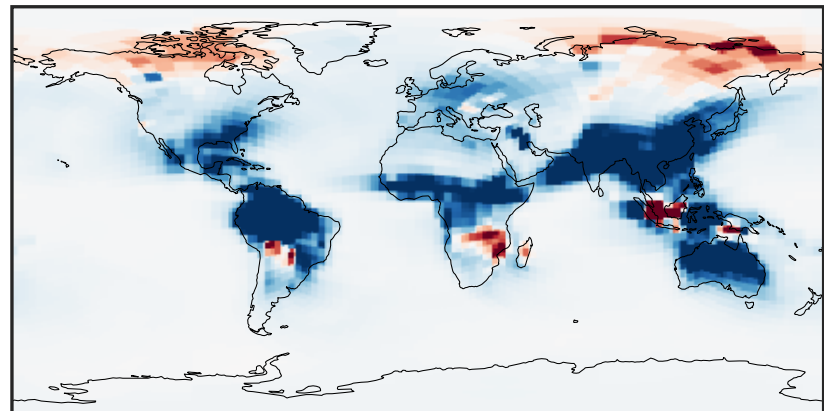
0.000 0.554 1.109 1.663 2.217
ppb

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



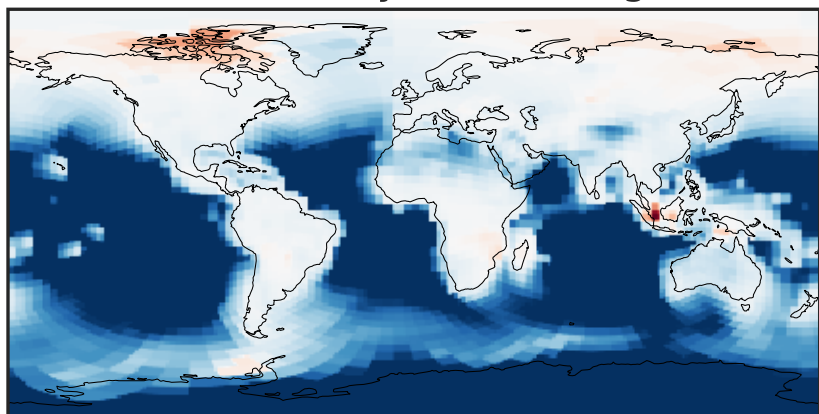
-0.268 -0.134 0.000 0.134 0.268
ppb

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



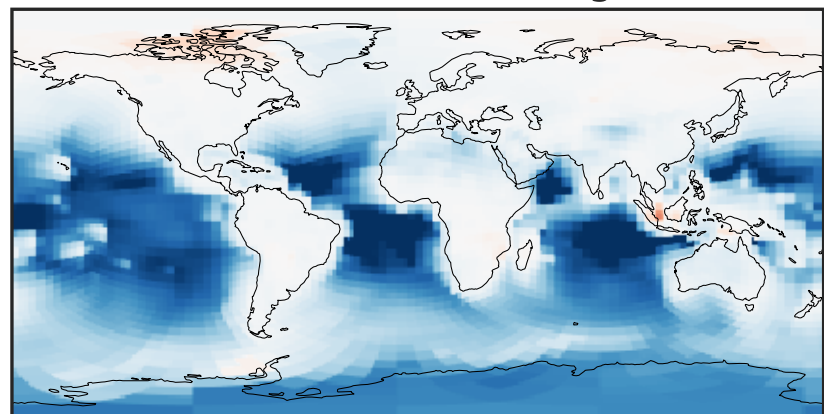
-0.004 0.000 0.004
ppb

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



0.7126 0.8563 1.000 1.2016 1.4033
unitless

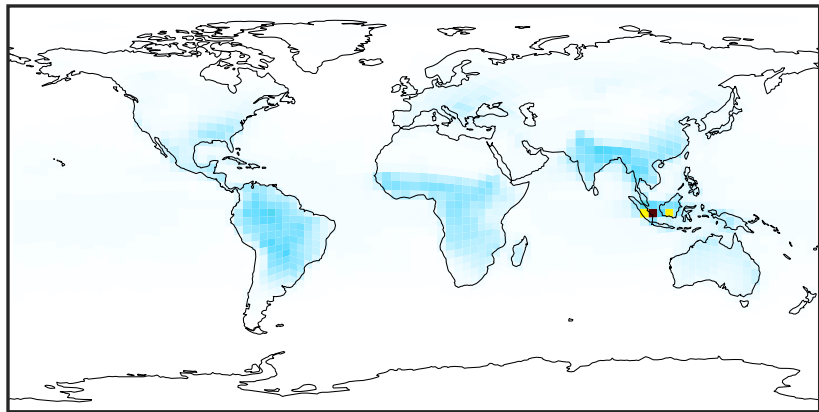
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

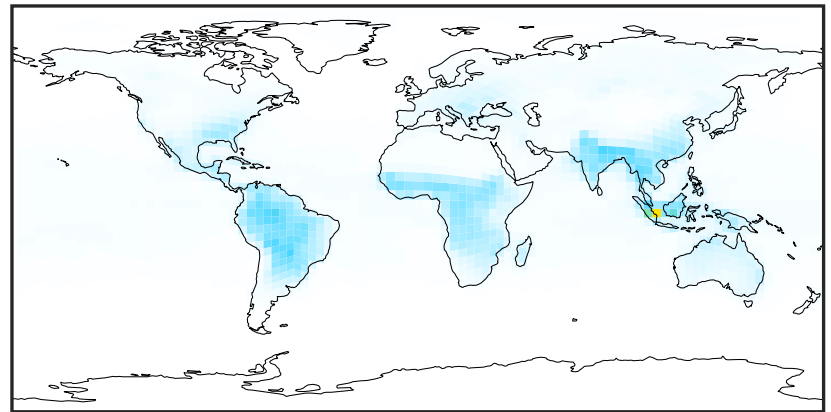
SpeciesConcVV_MOH (Oct2019)

GCHP_14.0.0 (Ref)
c24



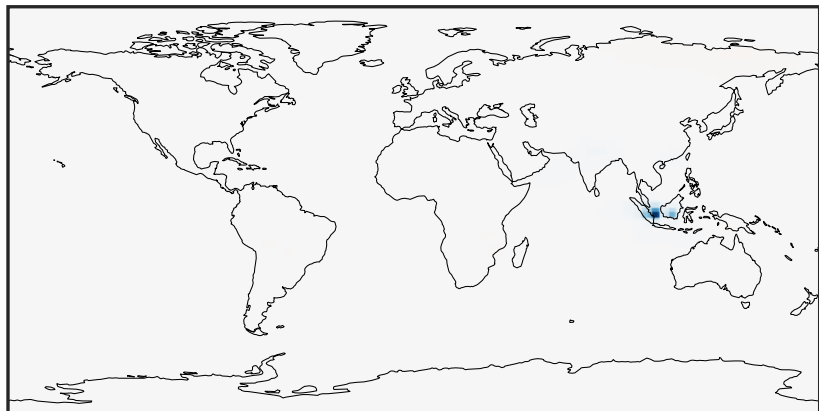
0.03 7.46 14.91 22.37 29.86
ppb

GCHP_14.2.0 (Dev)
c24



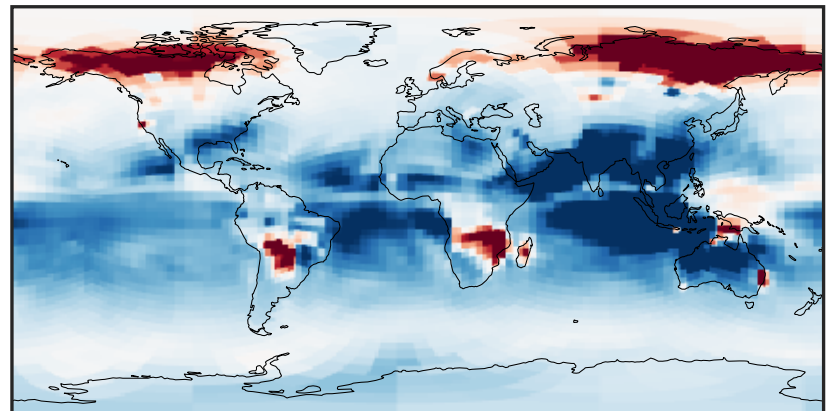
0.03 7.46 14.91 22.37 29.86
ppb

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



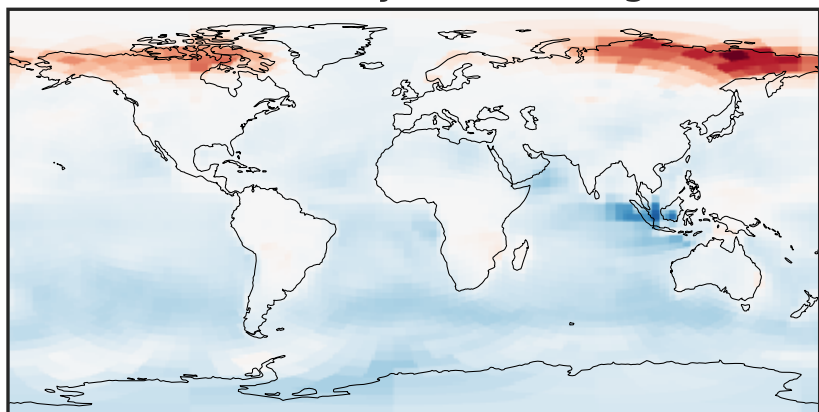
-14.04 -7.02 0.00 7.02 14.04
ppb

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



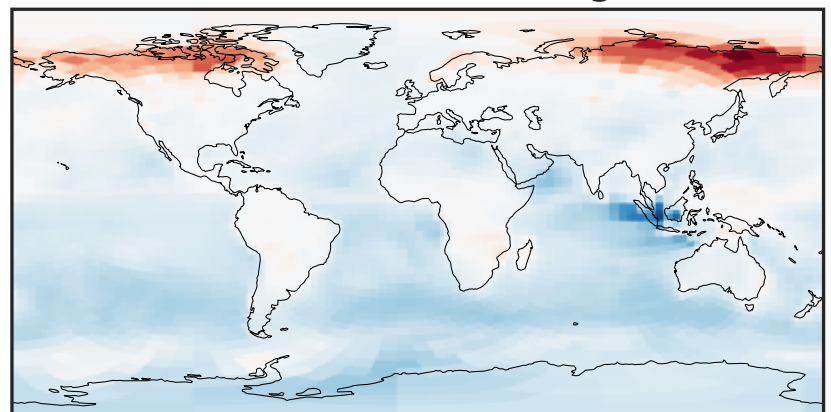
-0.0625 -0.0312 0.0000 0.0312 0.0625
ppb

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



0.467 0.734 1.000 1.571 2.141
unitless

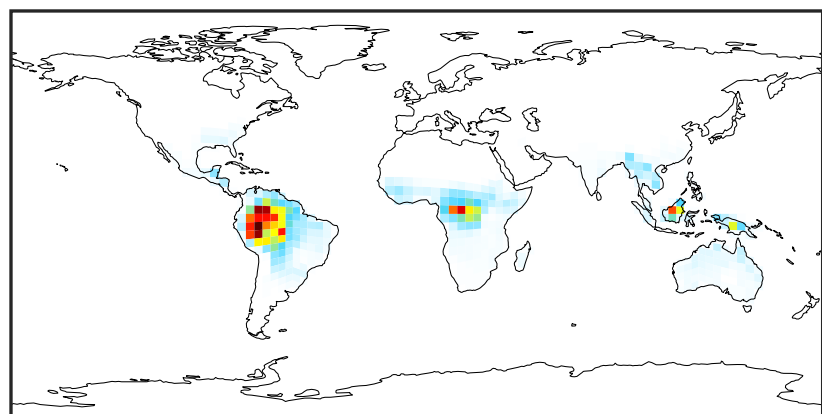
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

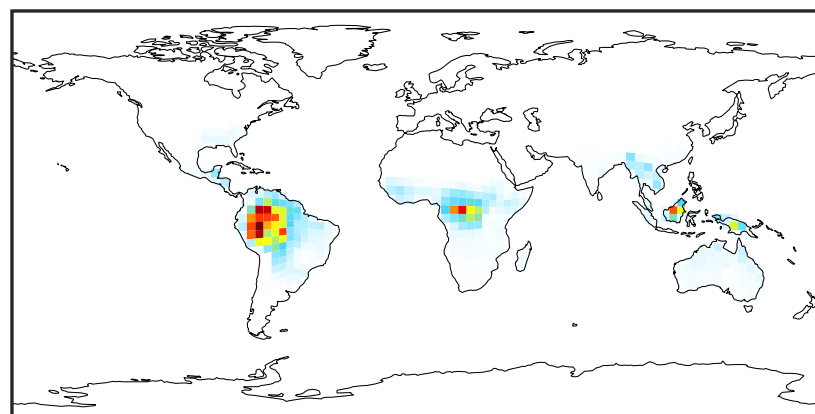
SpeciesConcVV_ISOP (Oct2019)

GCHP_14.0.0 (Ref)
c24



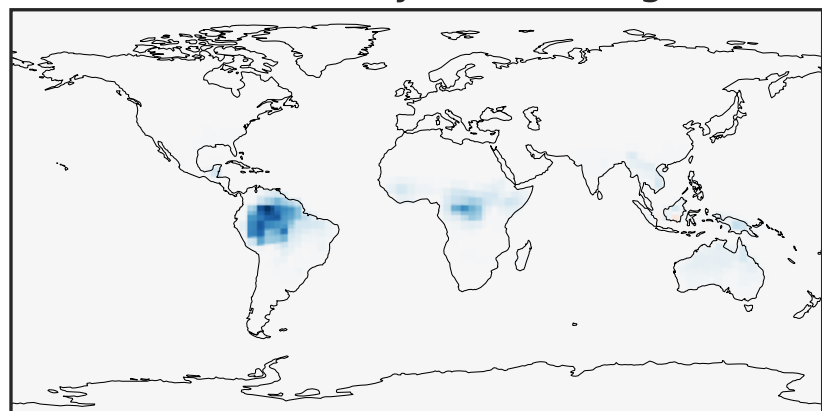
0.000 2.236 4.471 6.707 8.942
ppb

GCHP_14.2.0 (Dev)
c24



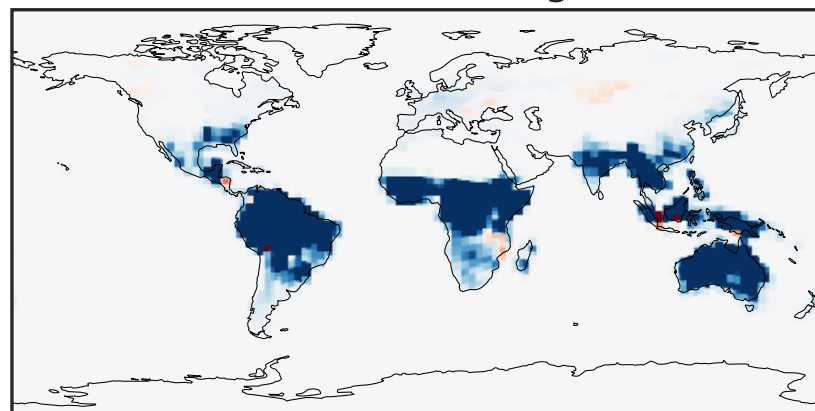
0.000 2.236 4.471 6.707 8.942
ppb

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



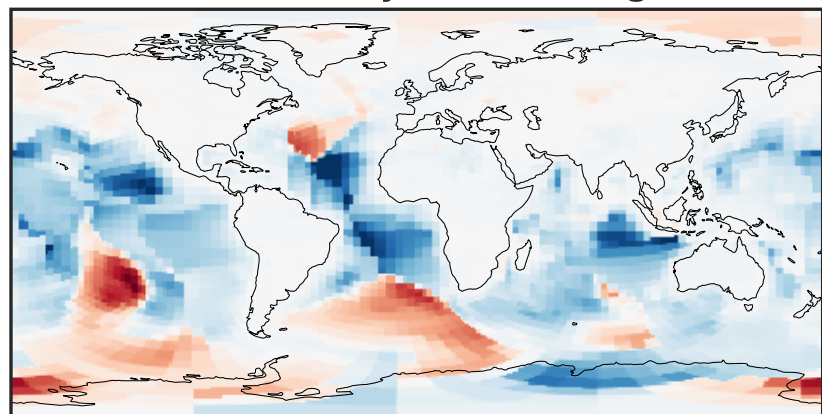
-0.504 -0.252 0.000 0.252 0.504
ppb

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



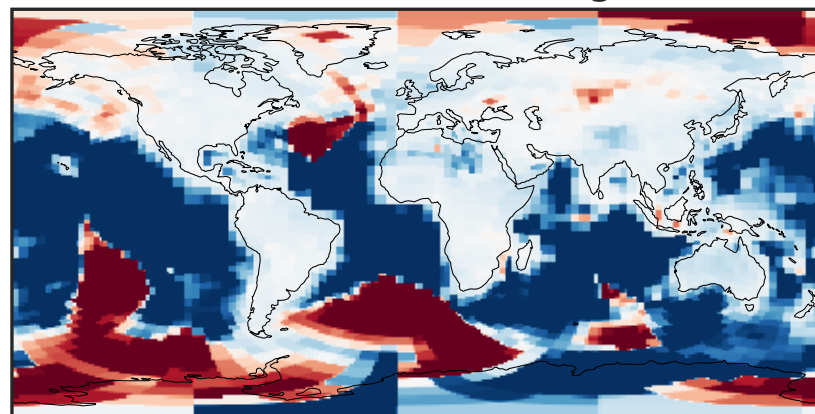
-0.004 0.000 0.004
ppb

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



1e-01 1 10
unitless

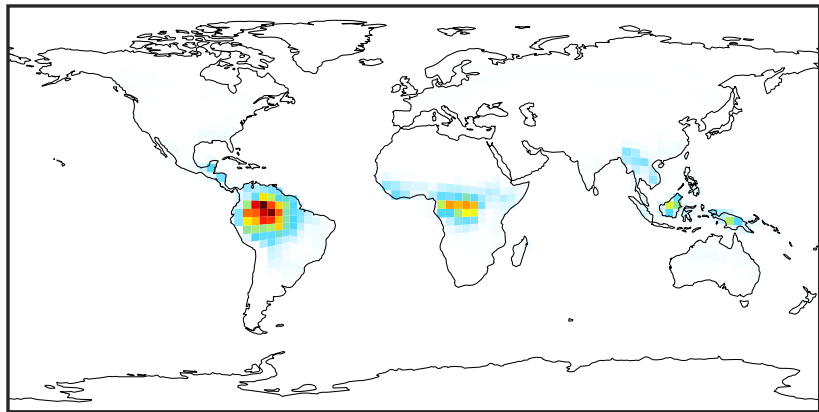
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

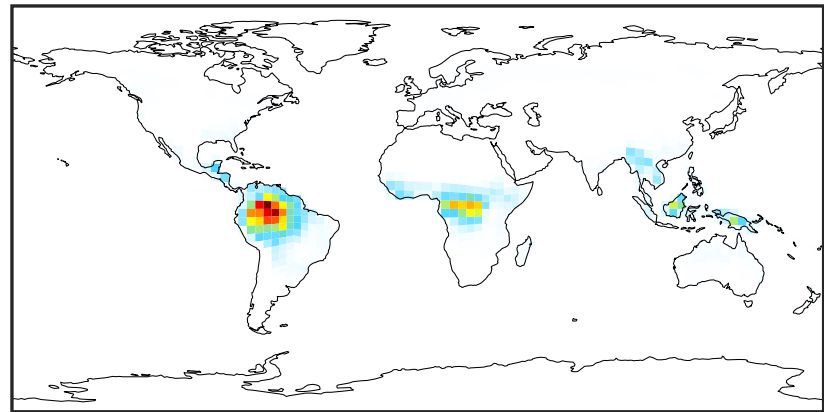
SpeciesConcVV_MTPA (Oct2019)

GCHP_14.0.0 (Ref)
c24



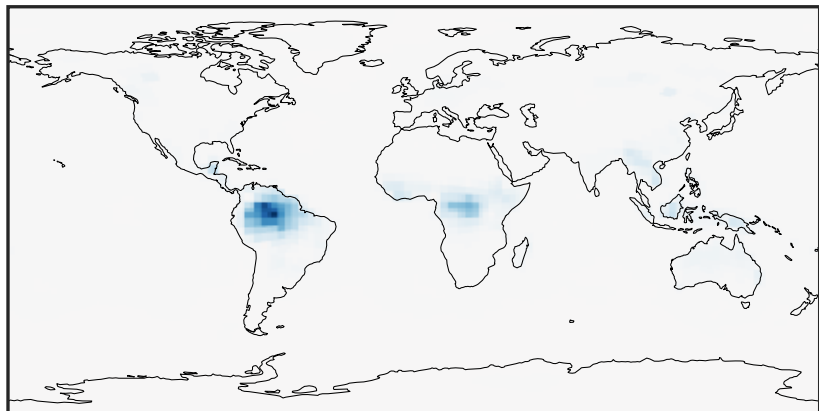
0.000 0.615 1.230 1.845 2.460
ppb

GCHP_14.2.0 (Dev)
c24



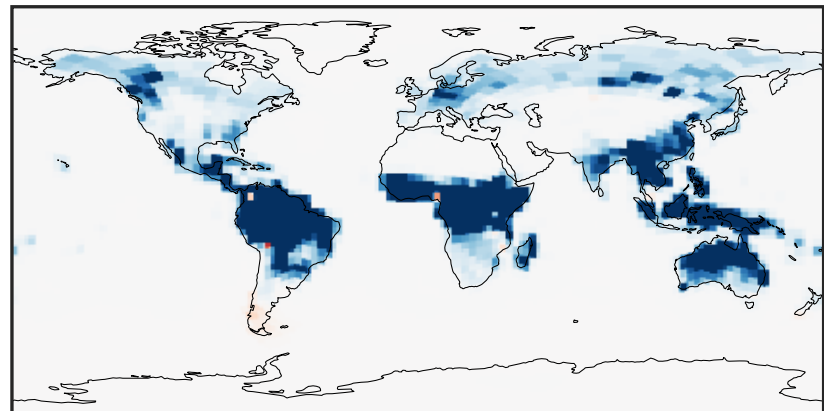
0.000 0.615 1.230 1.845 2.460
ppb

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



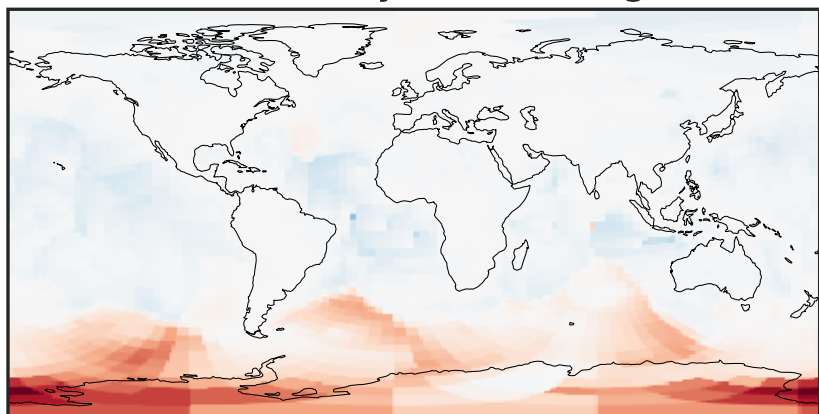
-0.152 -0.076 0.000 0.076 0.152
ppb

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



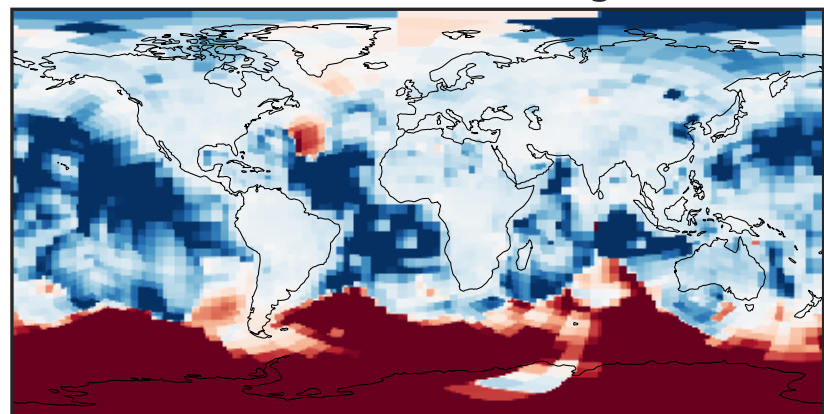
-0.002 0.000 0.002
ppb

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



unitless

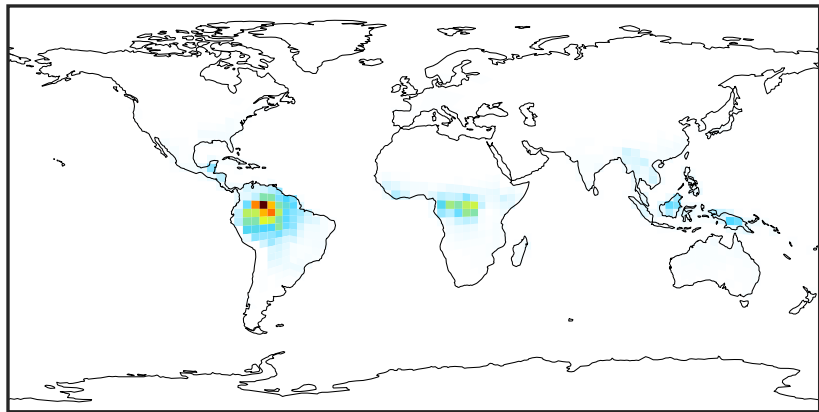
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

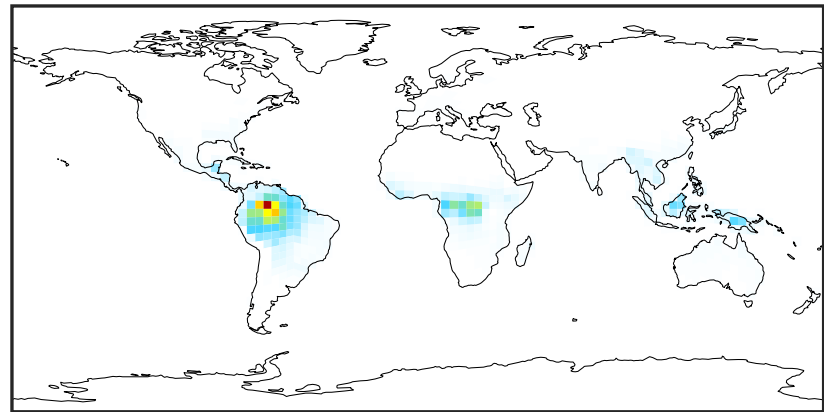
SpeciesConcVV_MTPO (Oct2019)

GCHP_14.0.0 (Ref)
c24



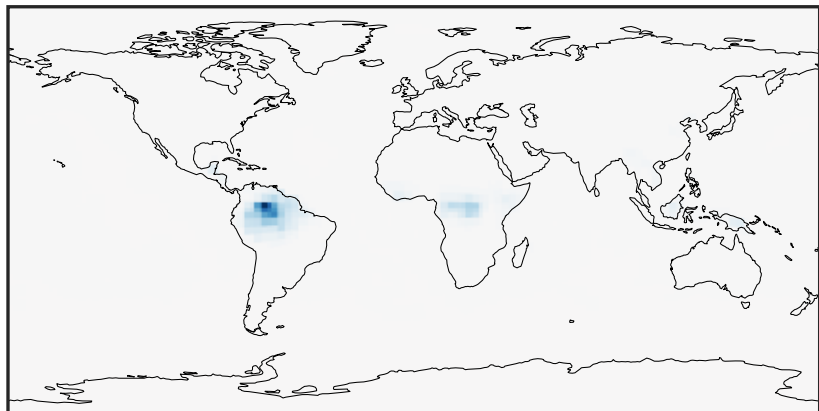
0.0000 0.0534 0.1068 0.1601 0.2135
ppb

GCHP_14.2.0 (Dev)
c24



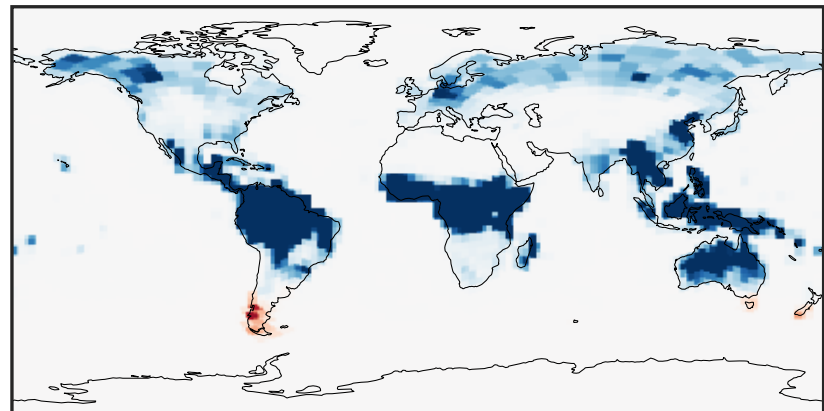
0.0000 0.0534 0.1068 0.1601 0.2135
ppb

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



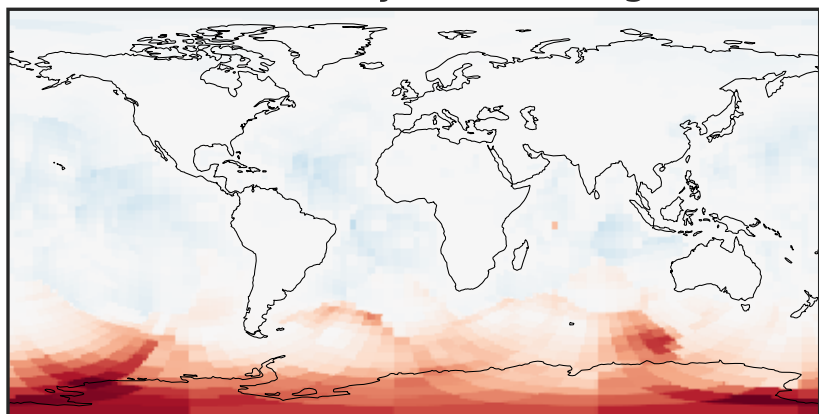
-0.015 0.000 0.015
ppb

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



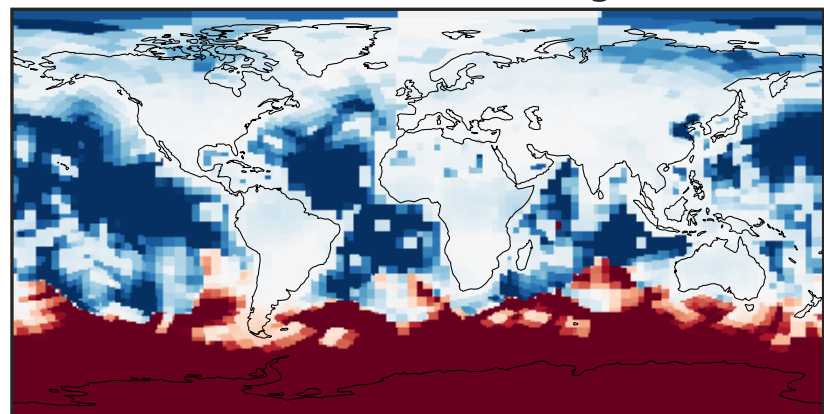
-5 0 5
ppb $1e-5$

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



unitless

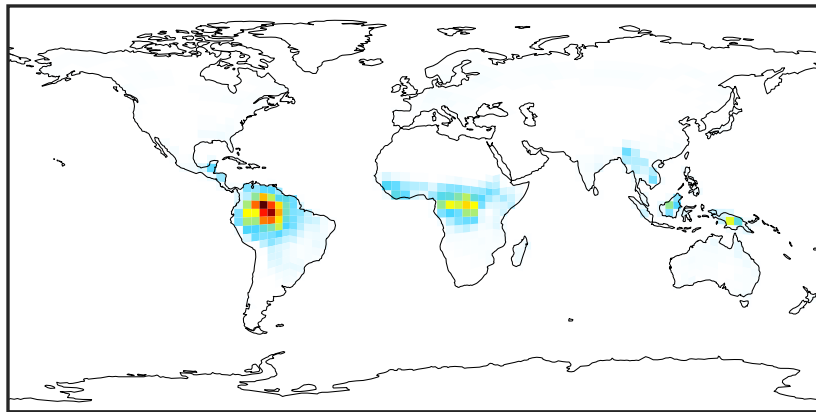
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

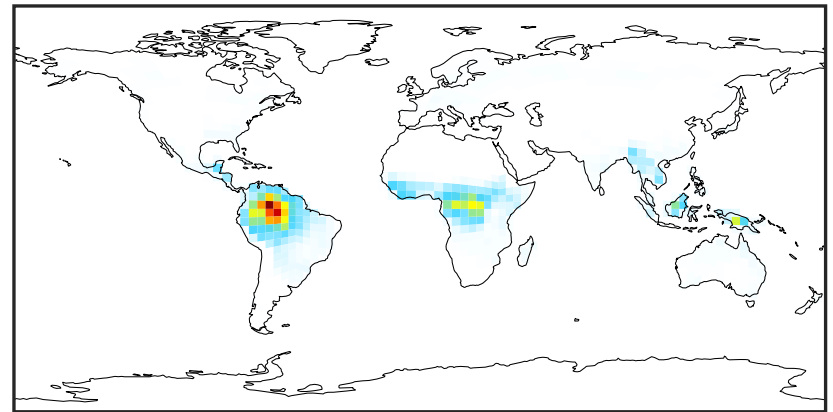
SpeciesConcVV_LIMO (Oct2019)

GCHP_14.0.0 (Ref)
c24



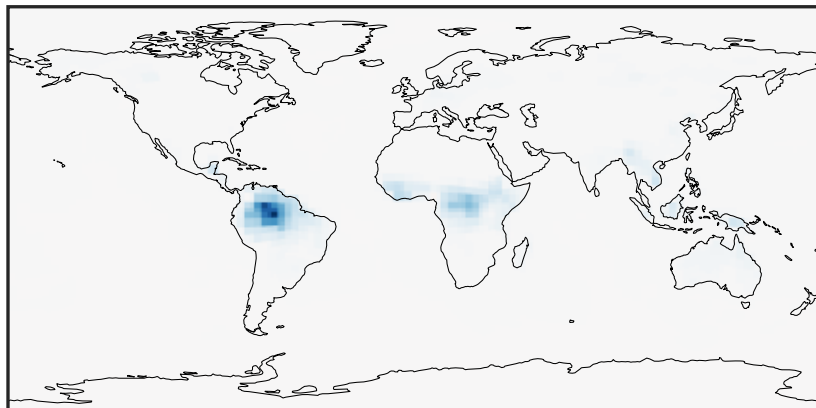
0.0000 0.0363 0.0727 0.1090 0.1454
ppb

GCHP_14.2.0 (Dev)
c24



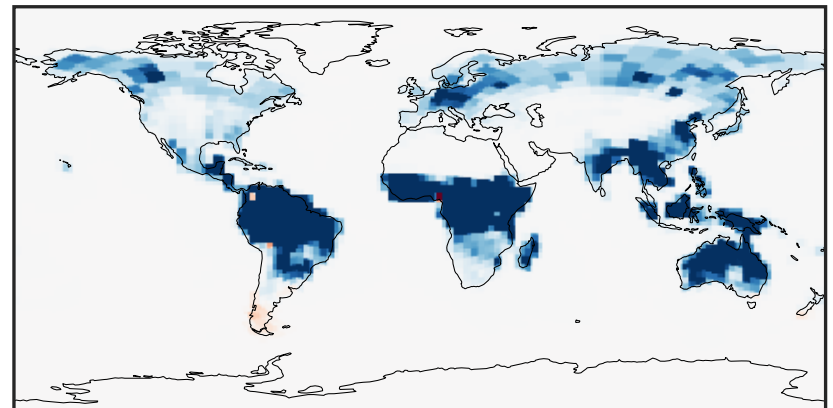
0.0000 0.0363 0.0727 0.1090 0.1454
ppb

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



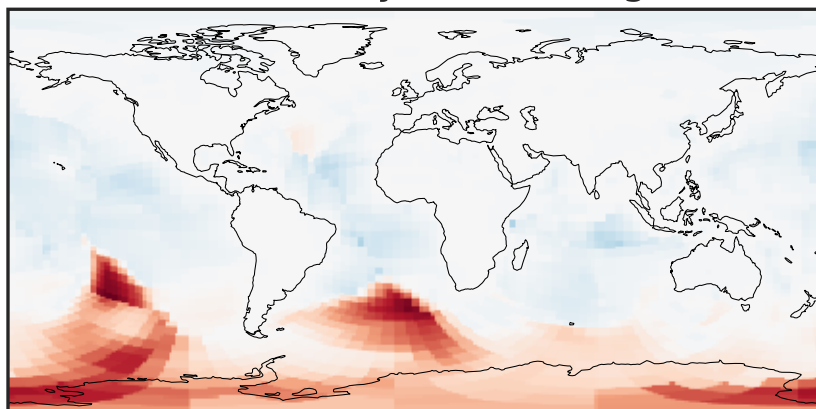
-0.006 0.000 0.006
ppb

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



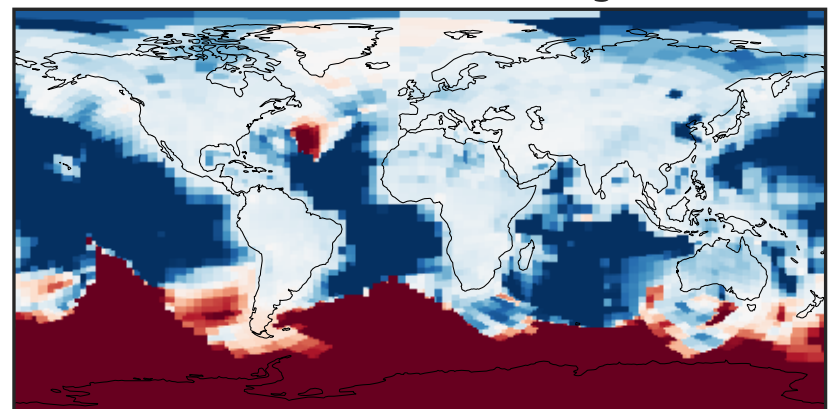
-0.0001 0.0000 0.0001
ppb

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



unitless

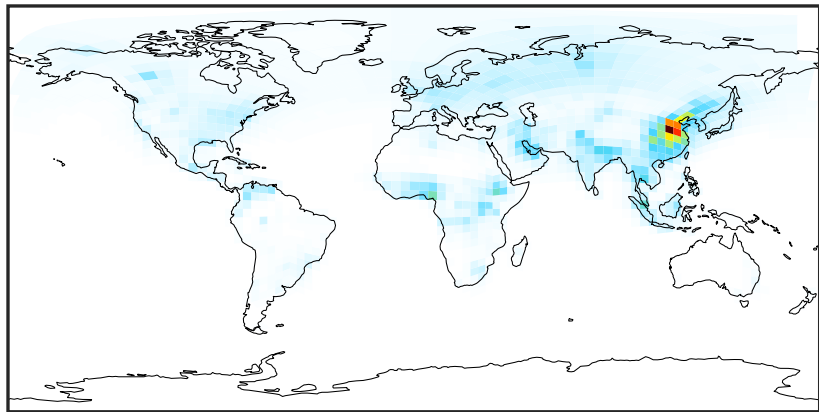
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

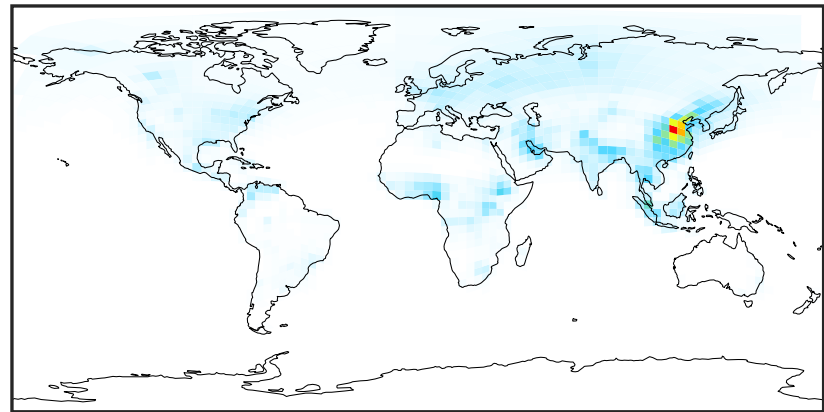
SpeciesConcVV_ALK4 (Oct2019)

GCHP_14.0.0 (Ref)
c24



0.00 4.69 9.38 14.07 18.76
ppb

GCHP_14.2.0 (Dev)
c24



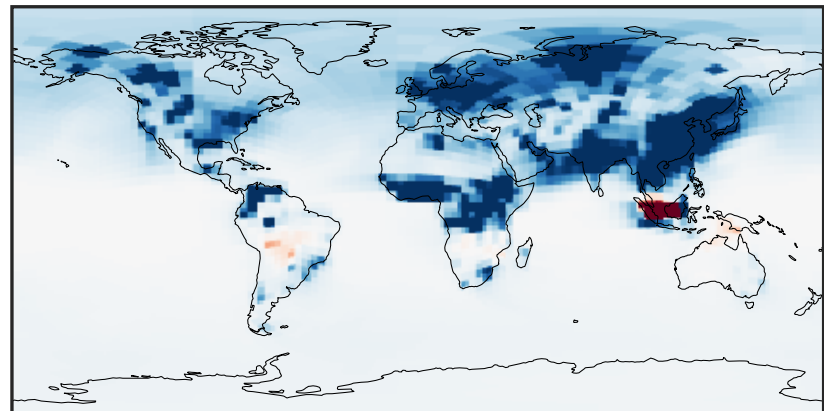
0.00 4.69 9.38 14.07 18.76
ppb

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



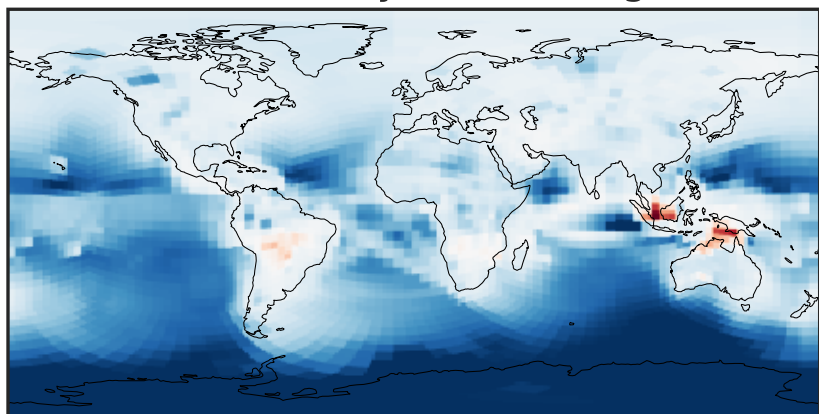
-4.410 -2.205 0.000 2.205 4.410
ppb

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



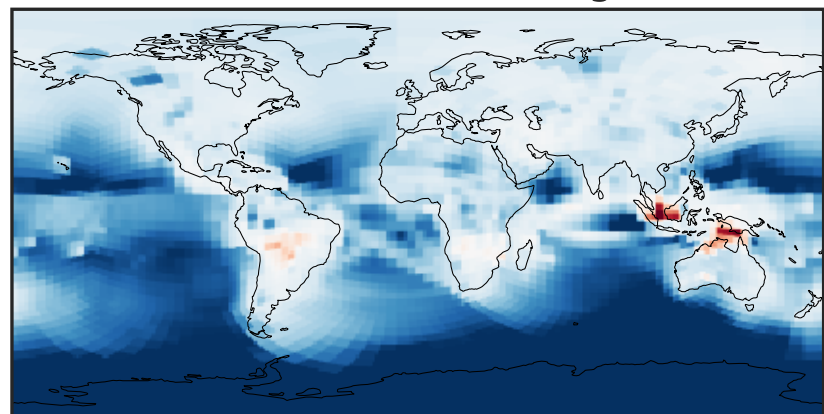
-0.1066 -0.0533 0.0000 0.0533 0.1066
ppb

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



0.434 0.717 1.000 1.652 2.305
unitless

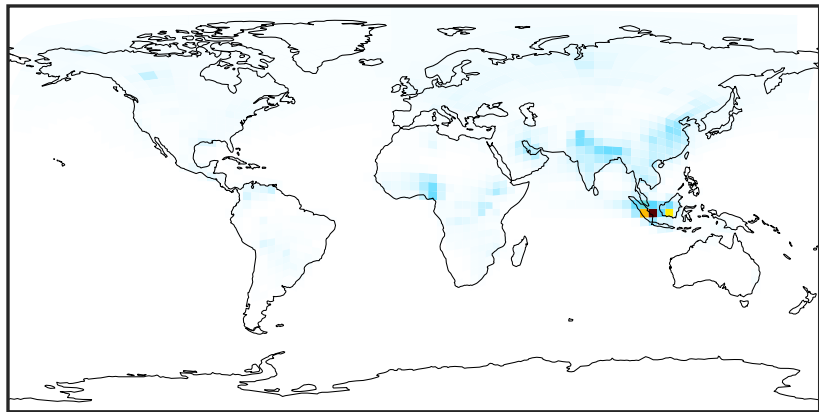
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

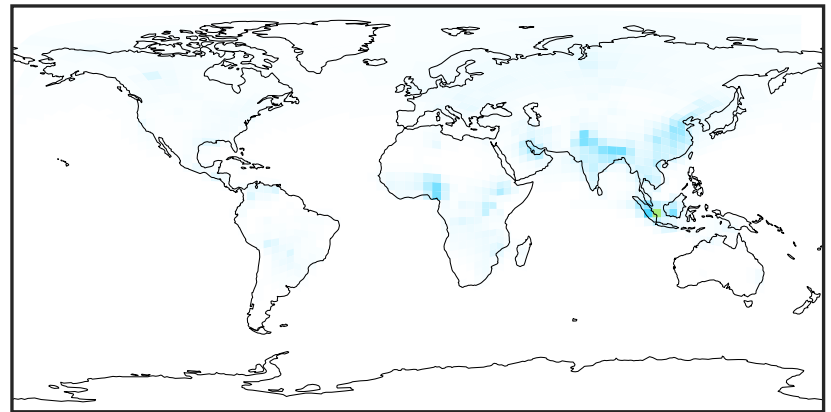
SpeciesConcVV_BENZ (Oct2019)

GCHP_14.0.0 (Ref)
c24



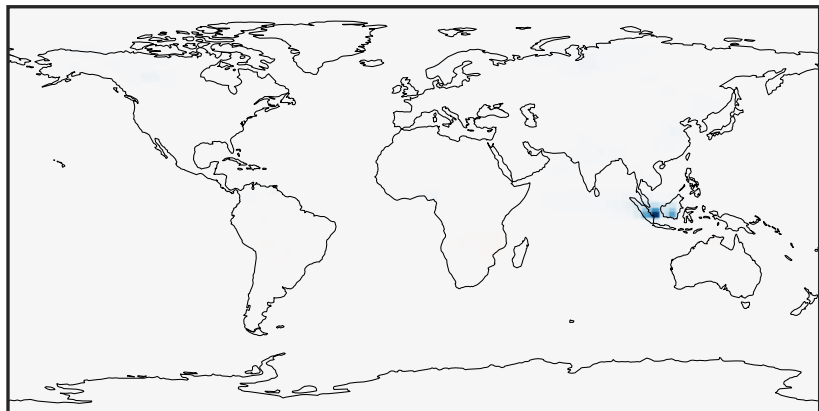
0.000 1.143 2.286 3.428 4.571
ppb

GCHP_14.2.0 (Dev)
c24



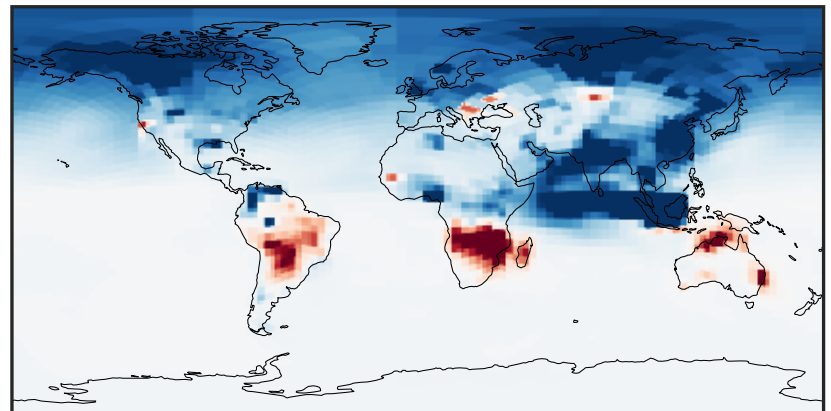
0.000 1.143 2.286 3.428 4.571
ppb

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



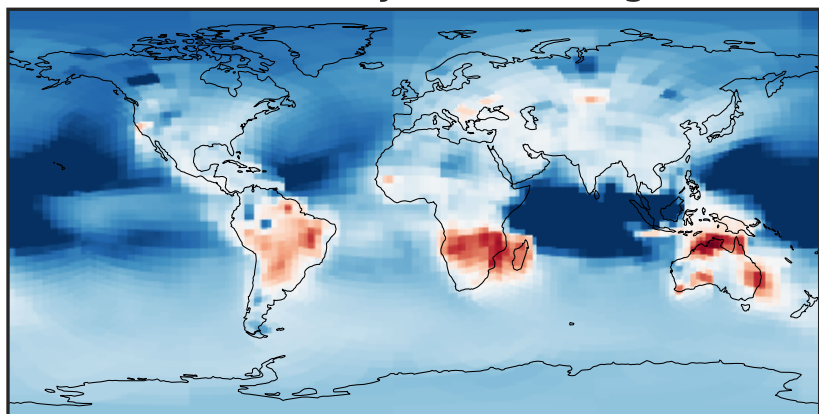
-2.830 -1.415 0.000 1.415 2.830
ppb

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



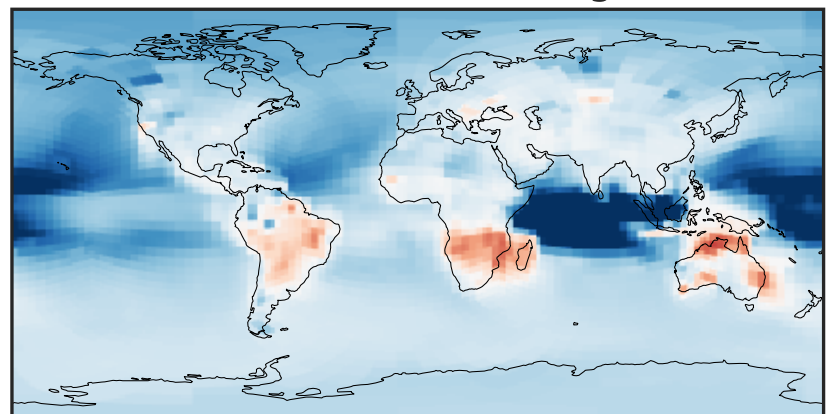
-0.01 0.00 0.01
ppb

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



0.6253 0.8127 1.0000 1.2996 1.5992
unitless

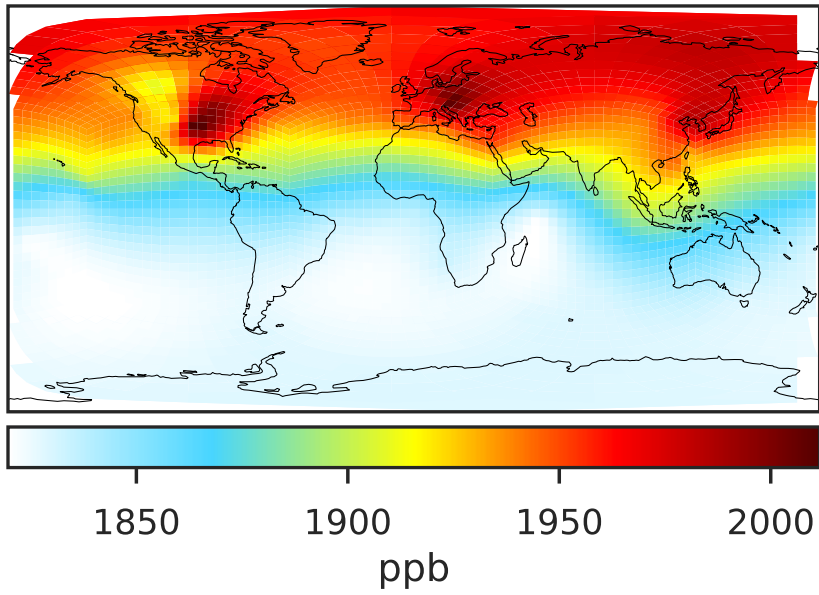
Ratio (1x1.25)
Dev/Ref, Fixed Range



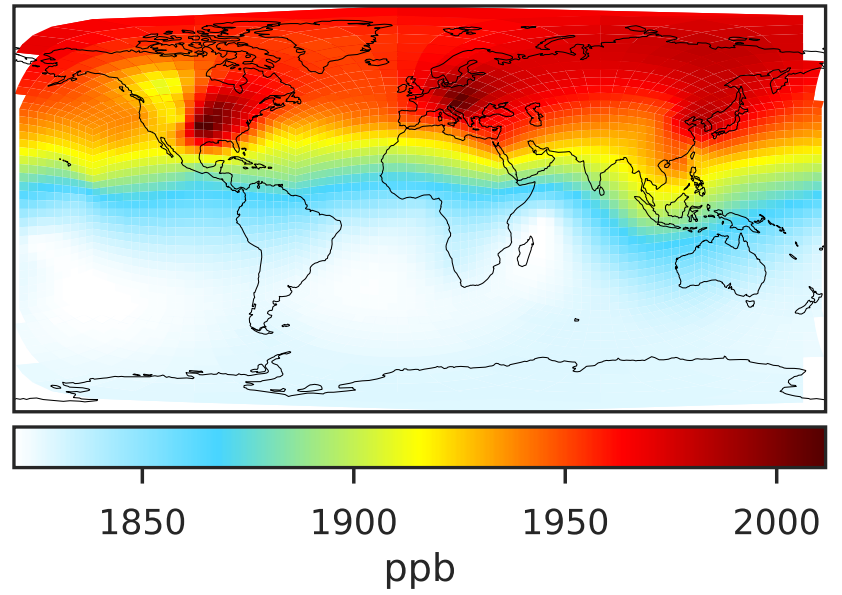
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_CH4 (Oct2019)

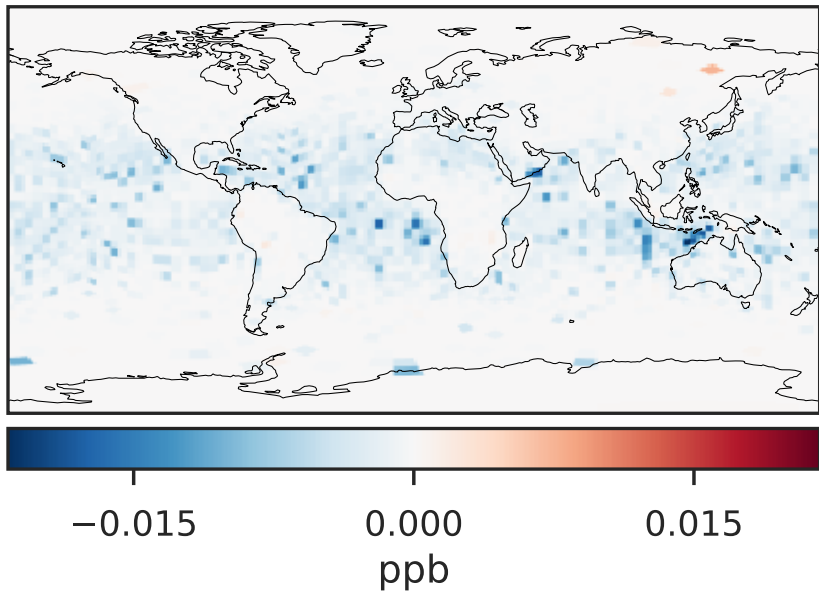
GCHP_14.0.0 (Ref)
c24



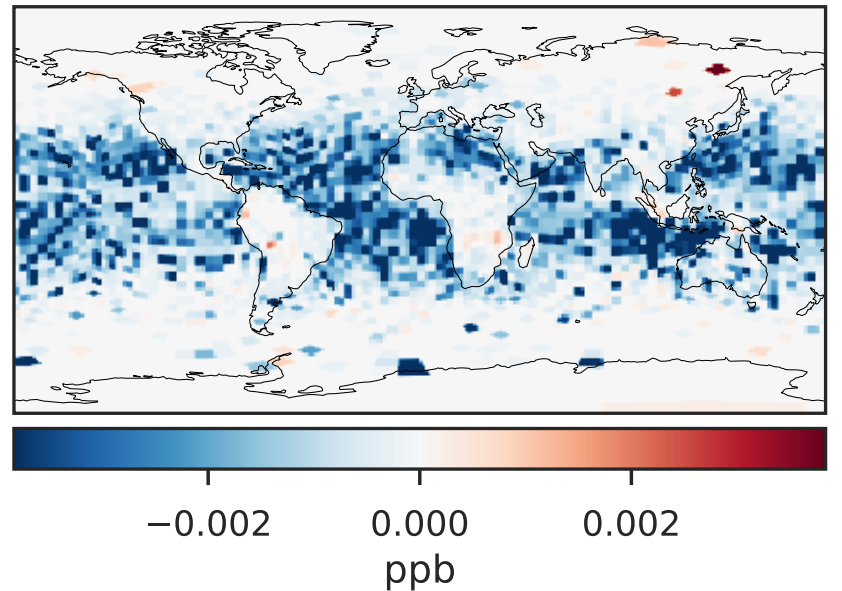
GCHP_14.2.0 (Dev)
c24



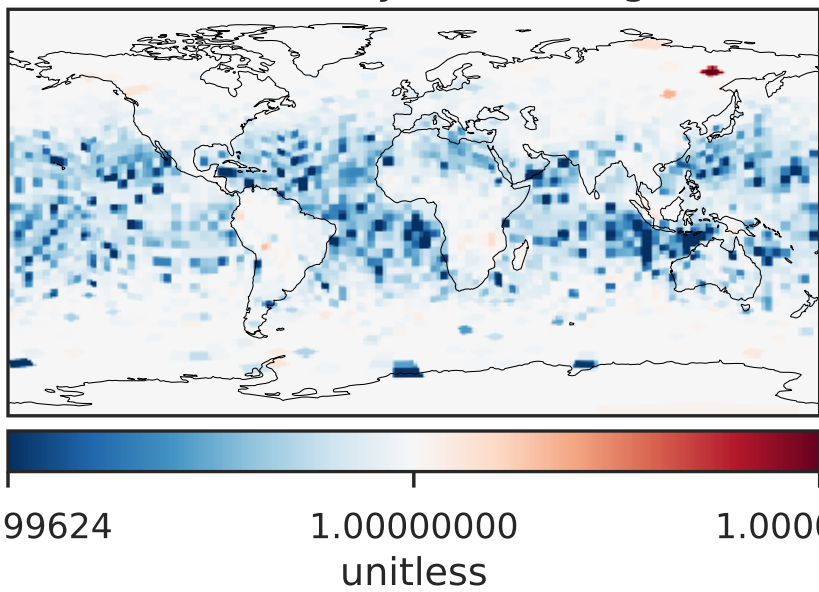
Difference (1x1.25)
Dev - Ref, Dynamic Range



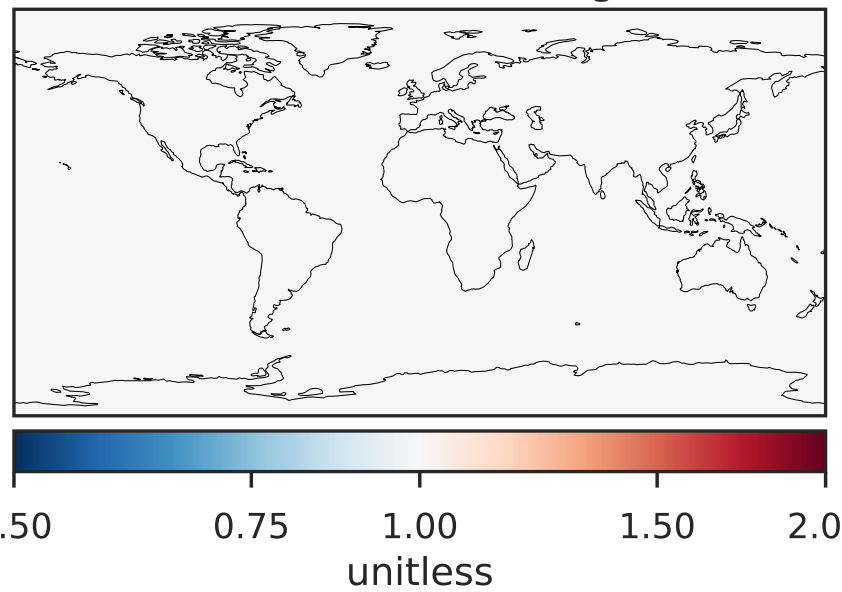
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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



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



0.99999624

1.00000000

1.00000376

unitless

0.50

0.75

1.00

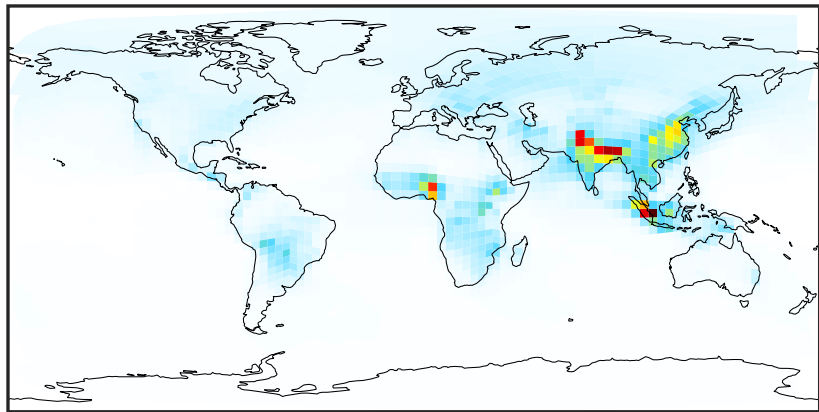
1.50

2.00

unitless

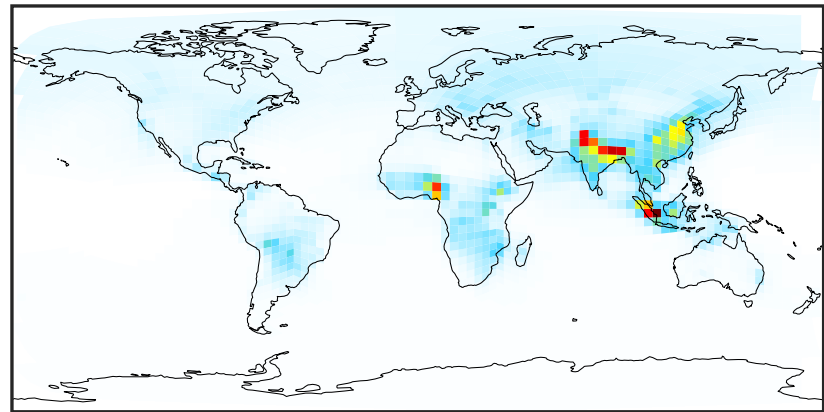
SpeciesConcVV_C2H2 (Oct2019)

GCHP_14.0.0 (Ref)
c24



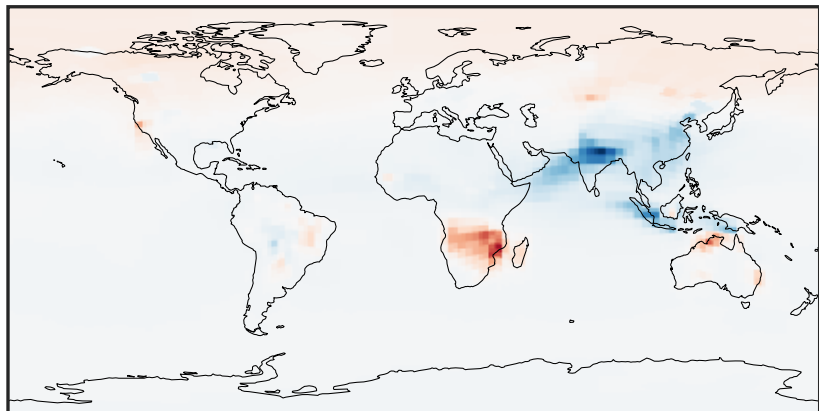
0.003 0.585 1.169 1.754 2.341
ppb

GCHP_14.2.0 (Dev)
c24



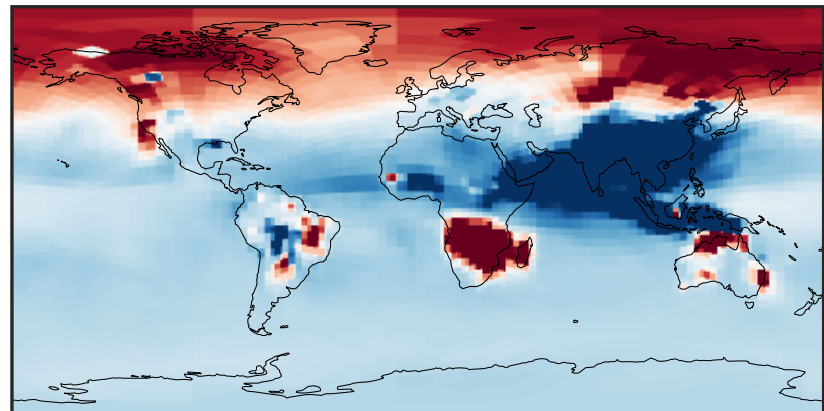
0.003 0.585 1.169 1.754 2.341
ppb

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



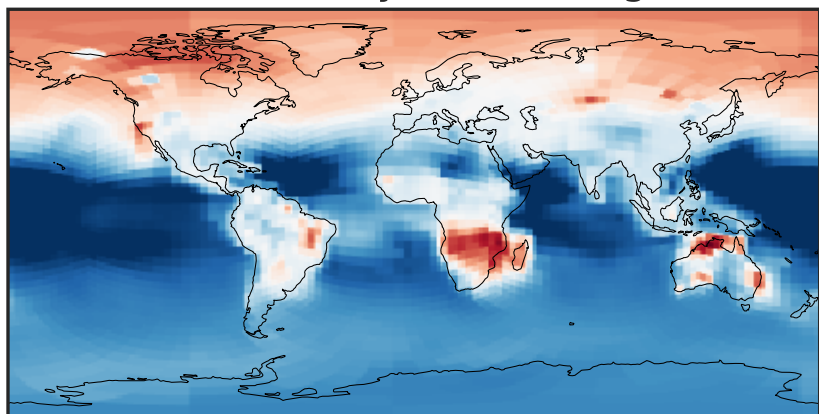
-0.1144 -0.0572 0.0000 0.0572 0.1144
ppb

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



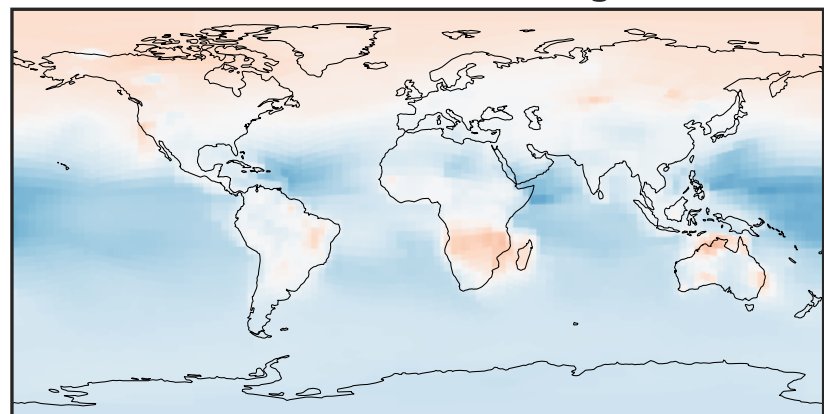
-0.005 0.000 0.005
ppb

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



0.8004 0.9002 1.0000 1.1247 1.2494
unitless

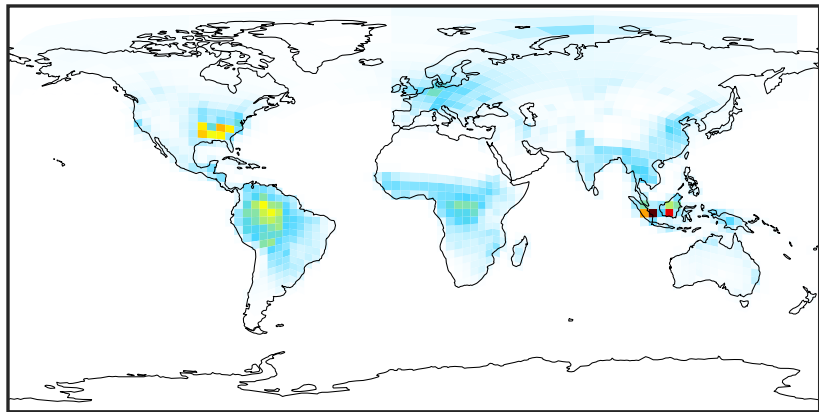
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

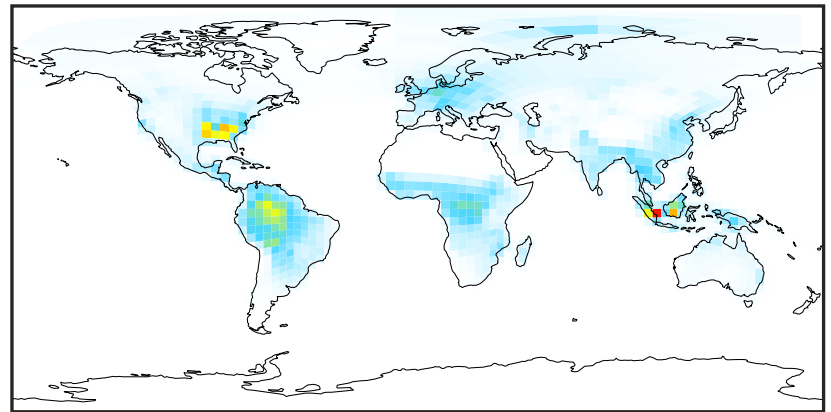
SpeciesConcVV_C2H4 (Oct2019)

GCHP_14.0.0 (Ref)
c24



0.000 1.986 3.971 5.957 7.943
ppb

GCHP_14.2.0 (Dev)
c24



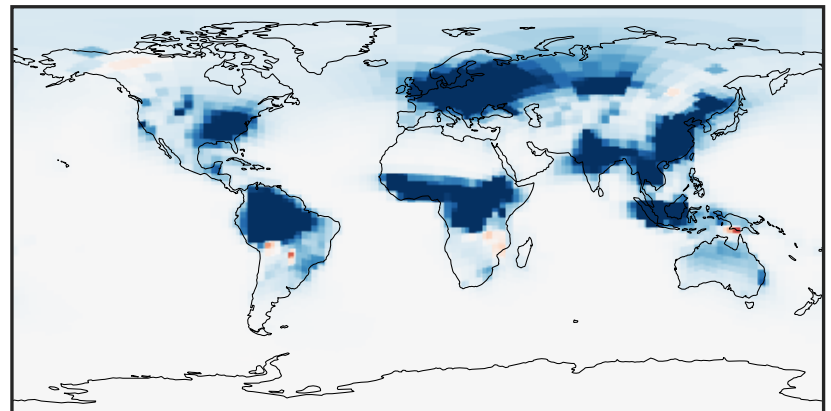
0.000 1.986 3.971 5.957 7.943
ppb

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



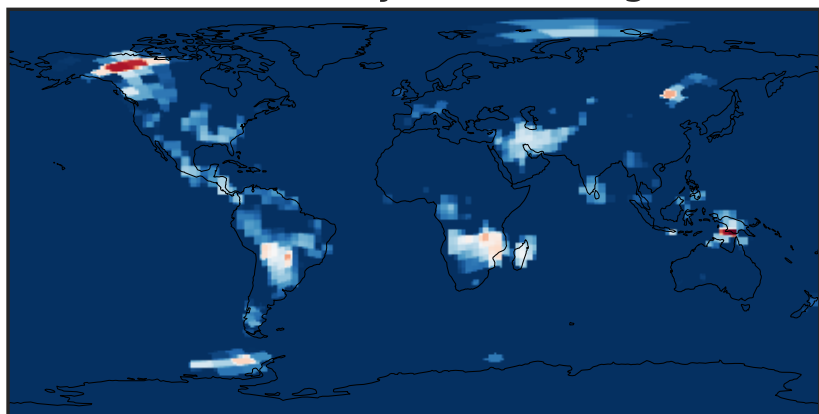
-2.130 -1.065 0.000 1.065 2.130
ppb

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



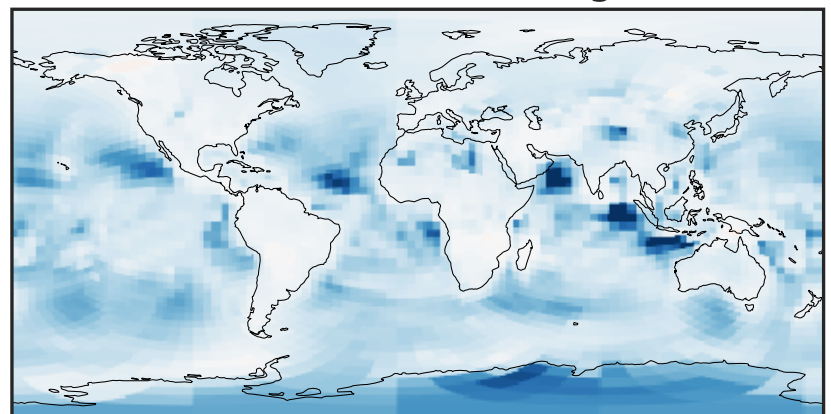
-0.025 0.000 0.025
ppb

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



0.96455 0.98228 1.00000 1.01838 1.03675
unitless

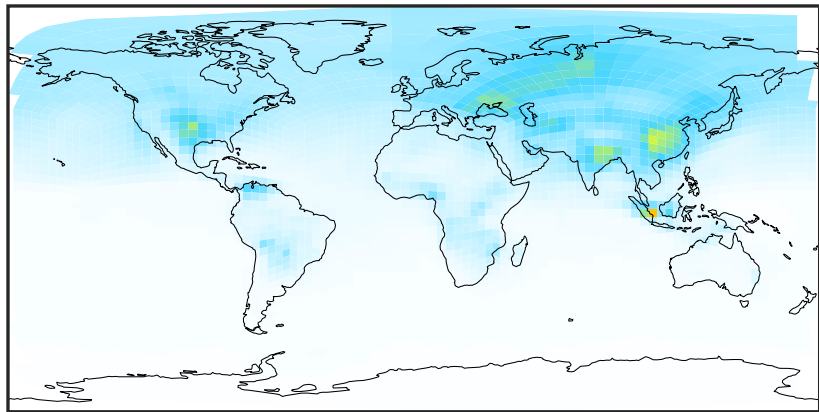
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

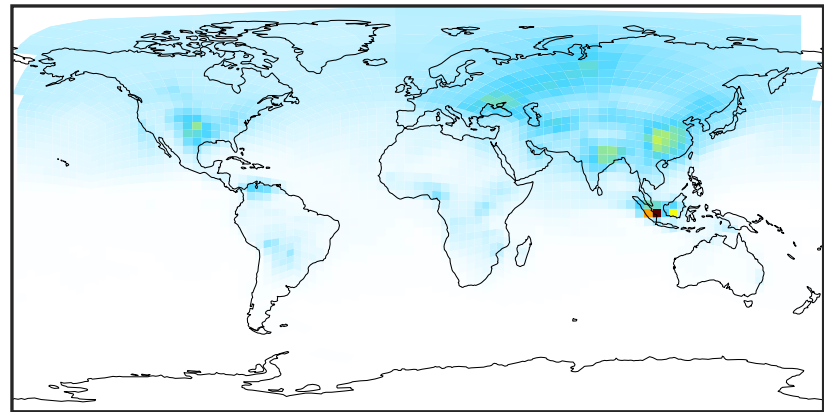
SpeciesConcVV_C2H6 (Oct2019)

GCHP_14.0.0 (Ref)
c24



0.076 2.421 4.842 7.263 9.760
ppb

GCHP_14.2.0 (Dev)
c24



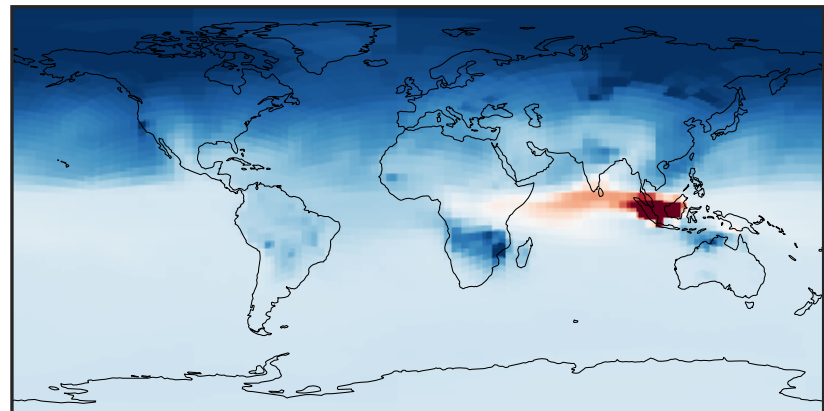
0.076 2.421 4.842 7.263 9.760
ppb

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



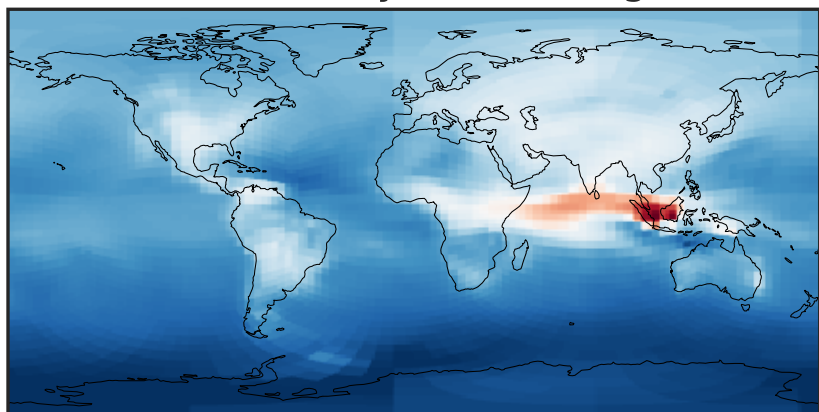
-4.305 -2.152 0.000 2.152 4.305
ppb

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



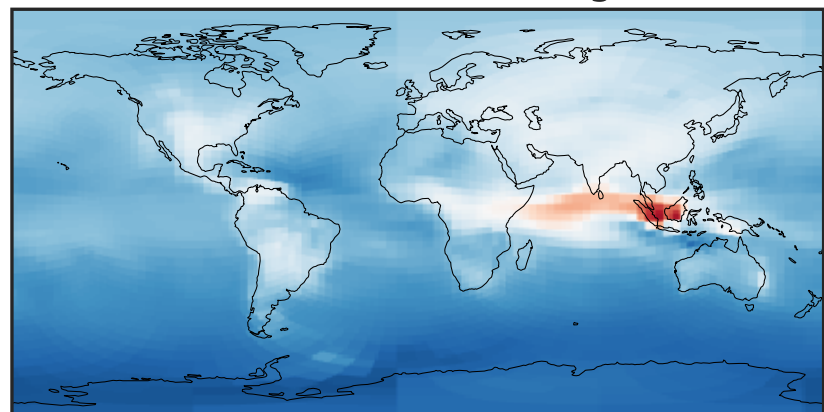
-0.3089 -0.1545 0.0000 0.1545 0.3089
ppb

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



0.559 0.779 1.000 1.395 1.789
unitless

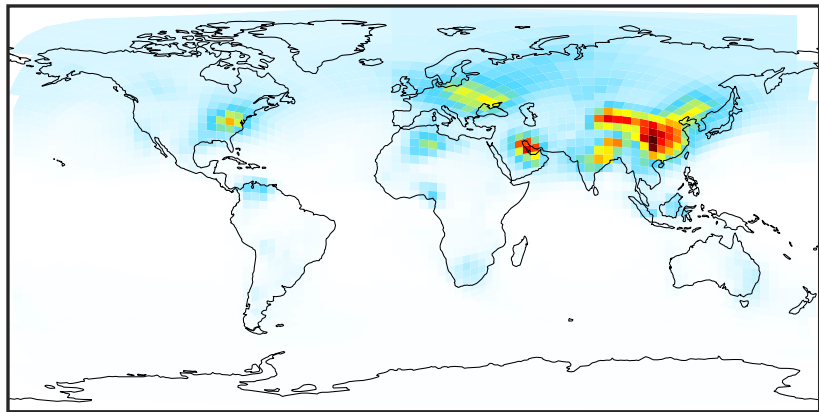
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

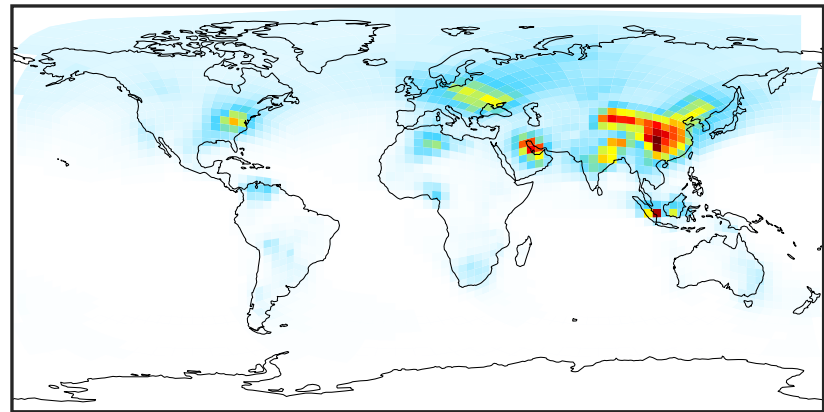
SpeciesConcVV_C3H8 (Oct2019)

GCHP_14.0.0 (Ref)
c24



0.001 0.940 1.881 2.821 3.762
ppb

GCHP_14.2.0 (Dev)
c24



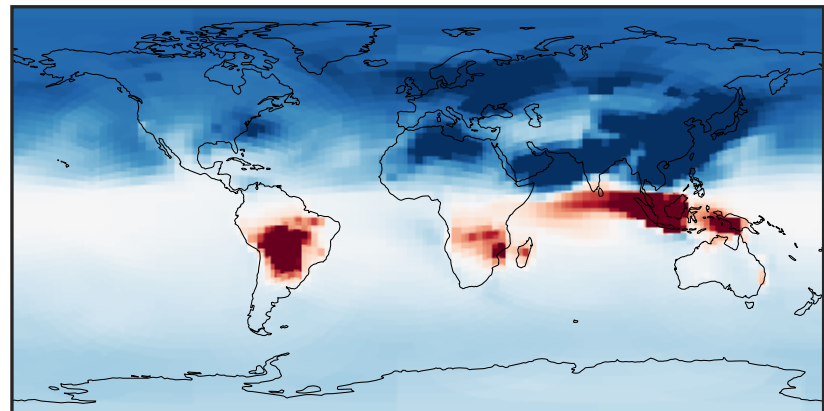
0.001 0.940 1.881 2.821 3.762
ppb

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



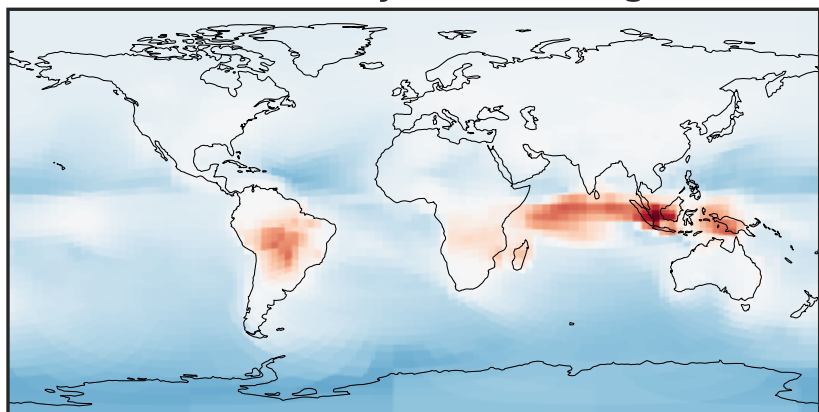
-2.631 -1.316 0.000 1.316 2.631
ppb

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



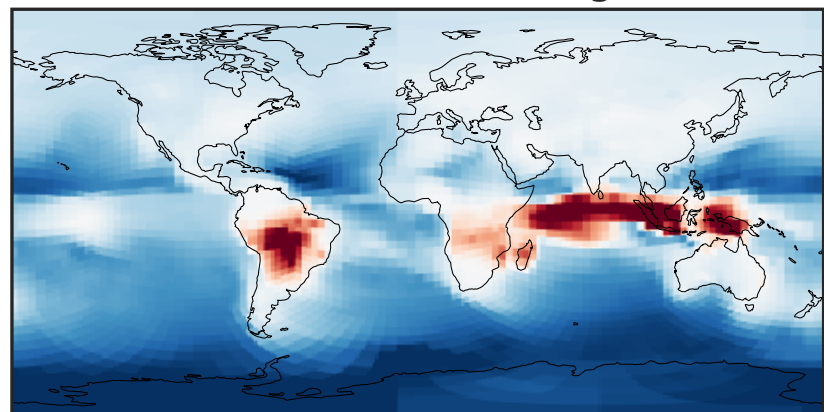
-0.02 0.00 0.02
ppb

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



0.203 0.601 1.000 2.966 4.931
unitless

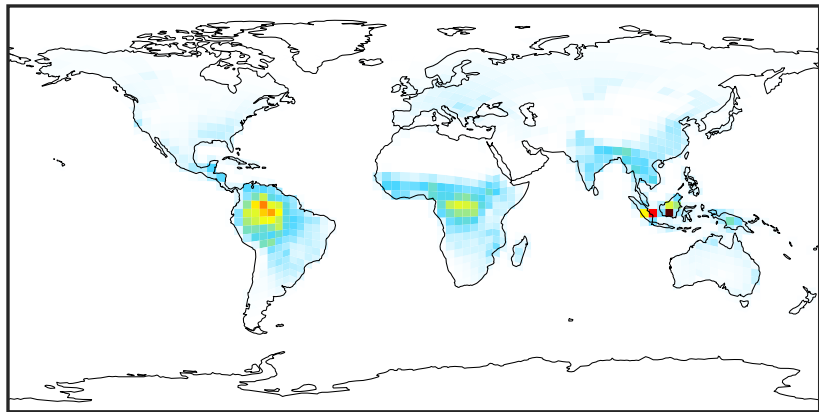
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

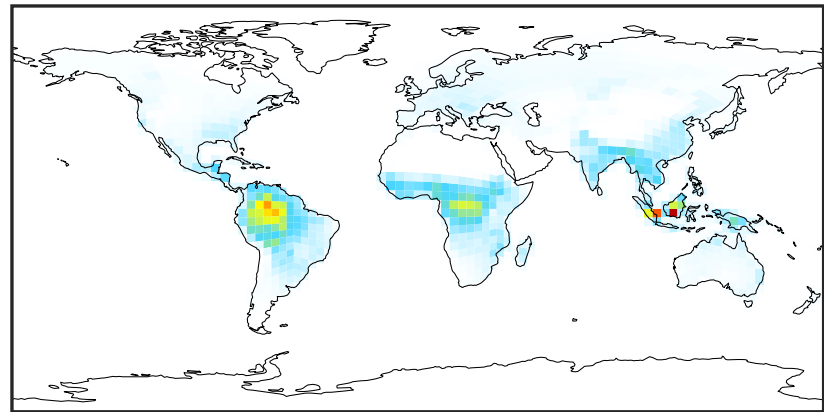
SpeciesConcVV_PRPE (Oct2019)

GCHP_14.0.0 (Ref)
c24



0.000 0.978 1.955 2.933 3.910
ppb

GCHP_14.2.0 (Dev)
c24



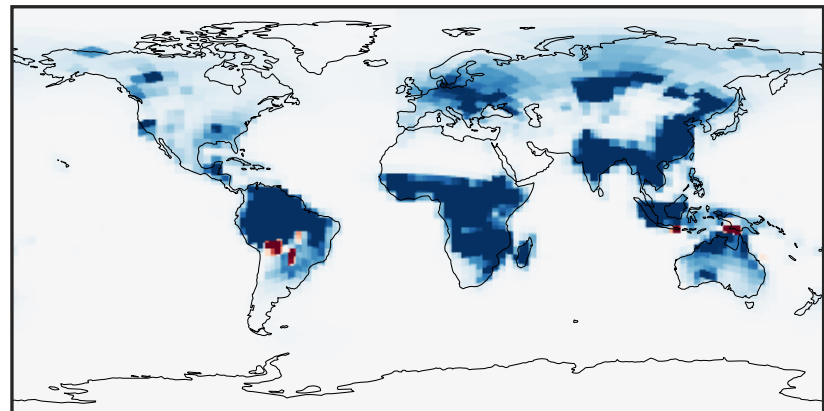
0.000 0.978 1.955 2.933 3.910
ppb

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



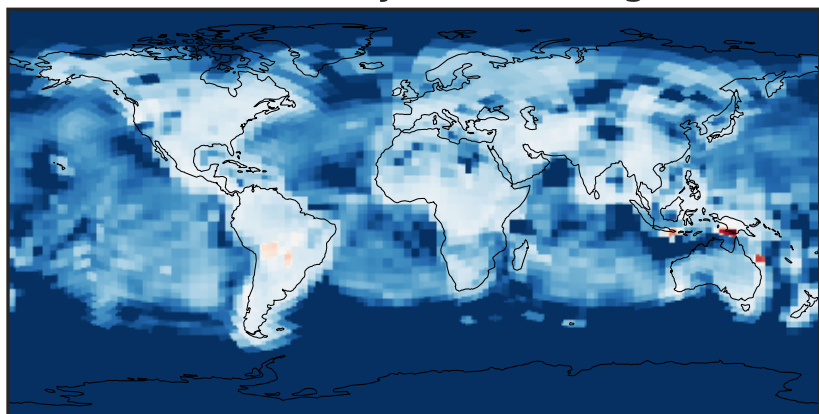
-0.569 -0.284 0.000 0.284 0.569
ppb

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



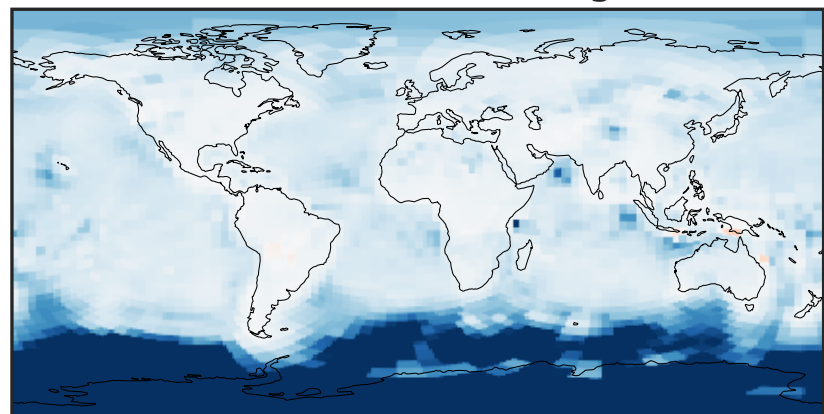
-0.006 0.000 0.006
ppb

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



0.8365 0.9182 1.0000 1.0977 1.1955
unitless

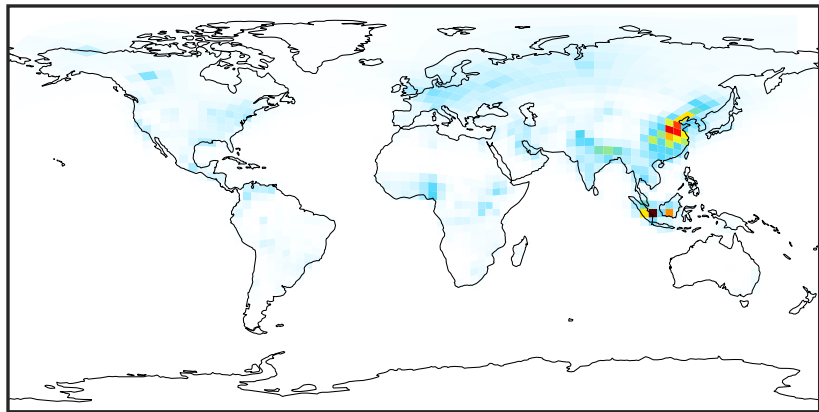
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

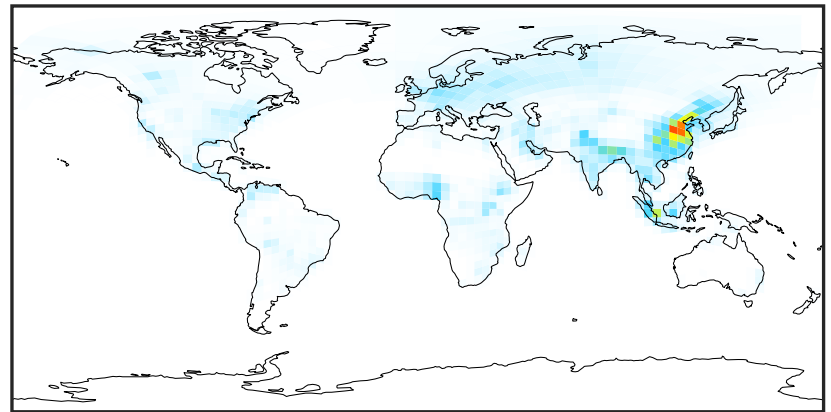
SpeciesConcVV_TOLU (Oct2019)

GCHP_14.0.0 (Ref)
c24



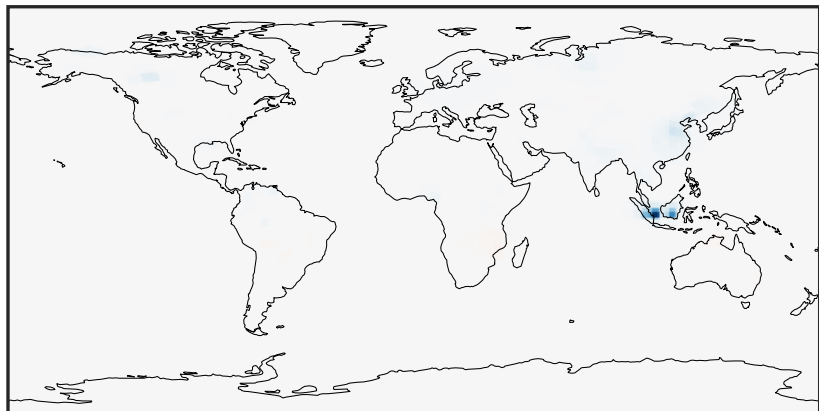
0.000 0.361 0.723 1.084 1.445
ppb

GCHP_14.2.0 (Dev)
c24



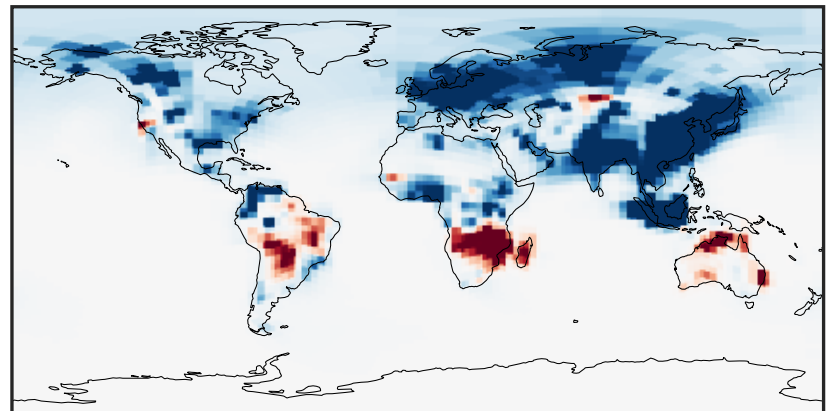
0.000 0.361 0.723 1.084 1.445
ppb

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



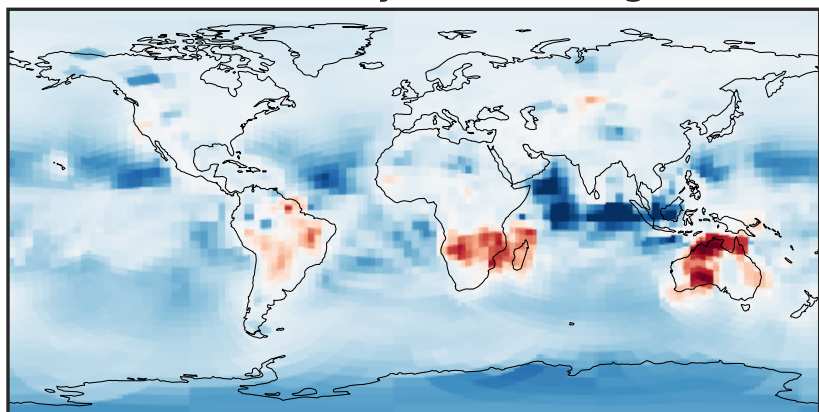
-0.846 -0.423 0.000 0.423 0.846
ppb

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



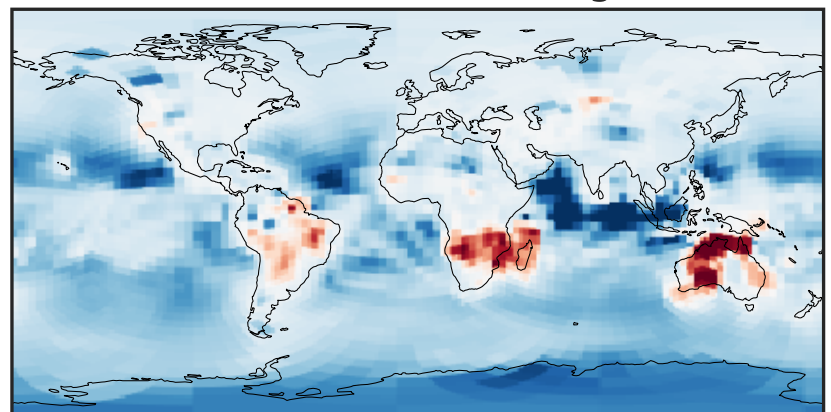
-0.004 0.000 0.004
ppb

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



0.430 0.715 1.000 1.662 2.324
unitless

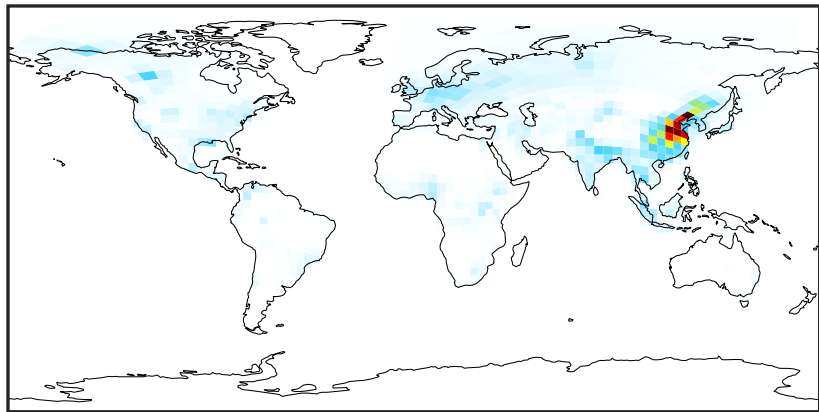
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

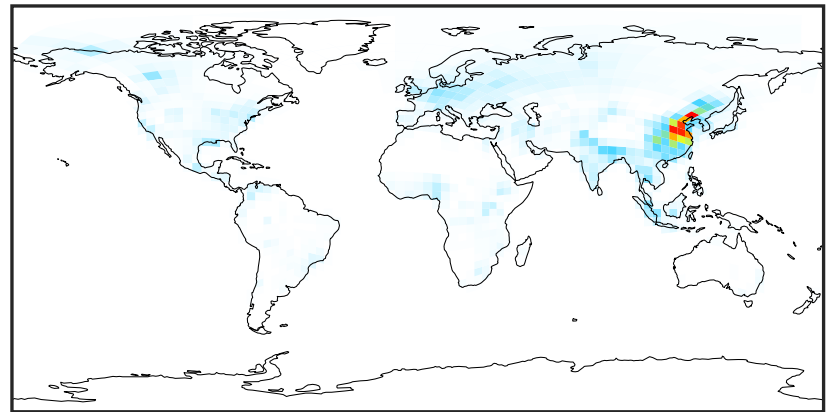
SpeciesConcVV_XYLE (Oct2019)

GCHP_14.0.0 (Ref)
c24



0.000 0.273 0.545 0.818 1.090
ppb

GCHP_14.2.0 (Dev)
c24



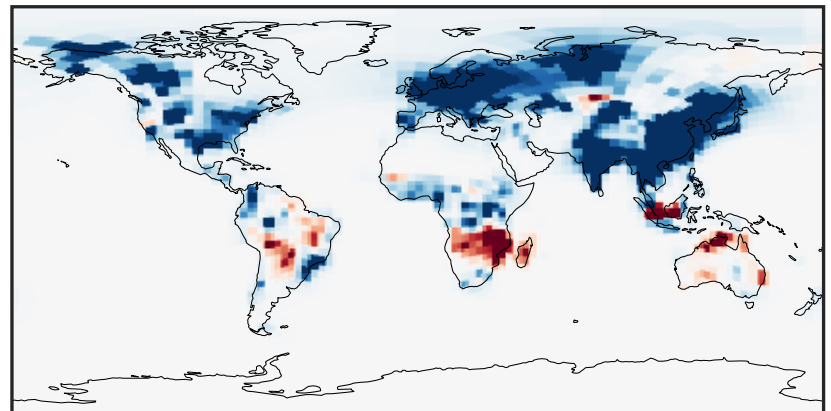
0.000 0.273 0.545 0.818 1.090
ppb

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



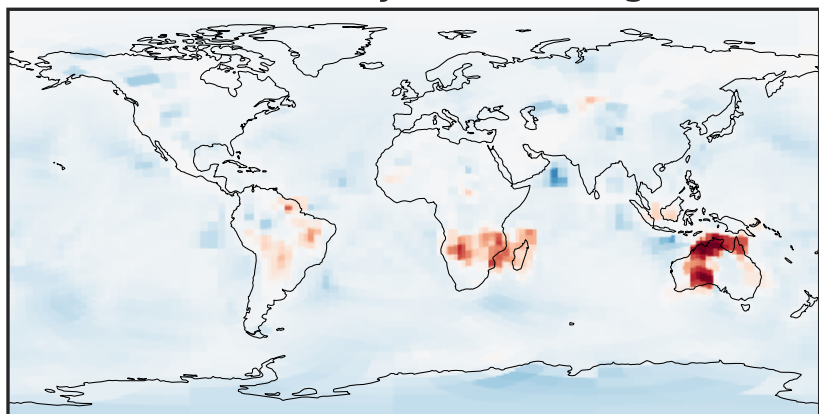
-0.2811 -0.1405 0.0000 0.1405 0.2811
ppb

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



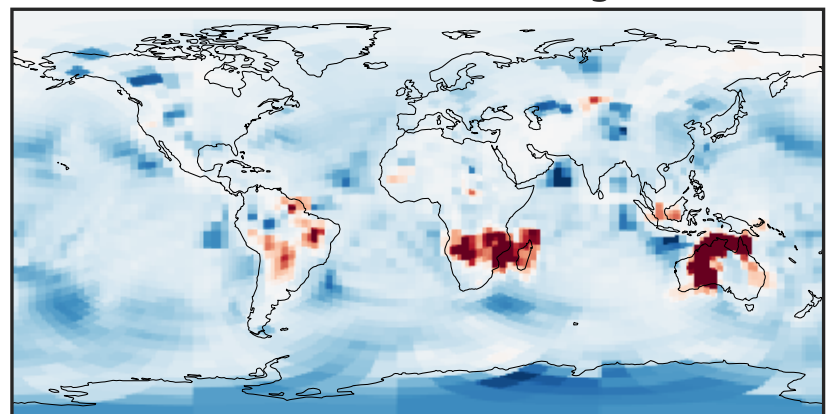
-0.0025 0.0000 0.0025
ppb

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



0.169 0.584 1.000 3.463 5.926
unitless

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



0.50 0.75 1.00 1.50 2.00
unitless