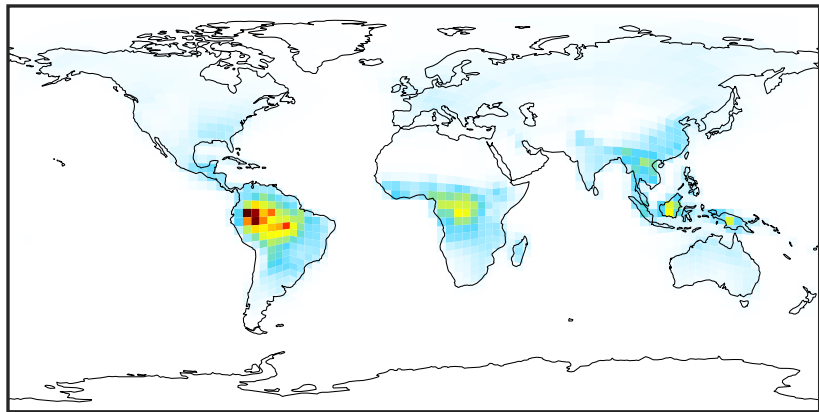


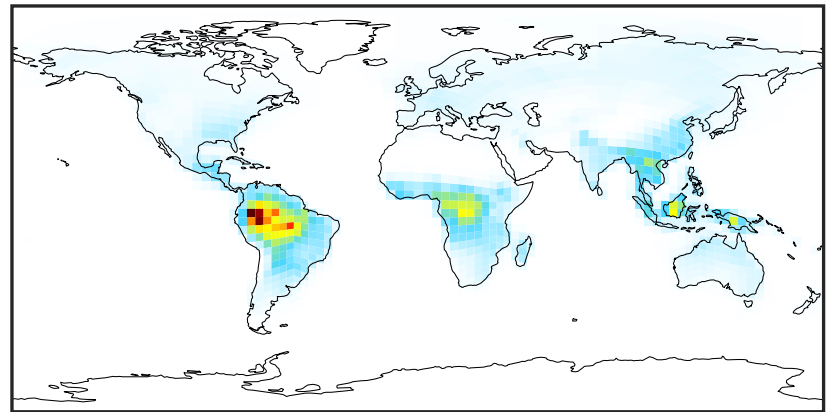
SpeciesConcVW_EOH (Apr2019)

GCHP_14.0.0 (Ref)
c24



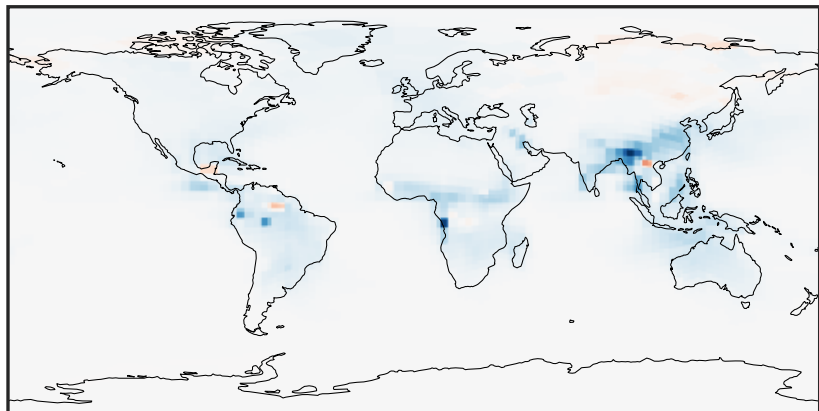
0.000 0.787 1.575 2.362 3.150
ppb

GCHP_14.2.0 (Dev)
c24



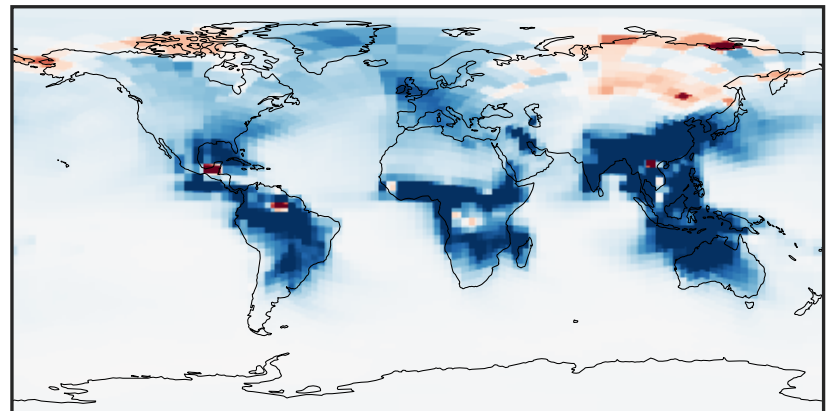
0.000 0.787 1.575 2.362 3.150
ppb

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



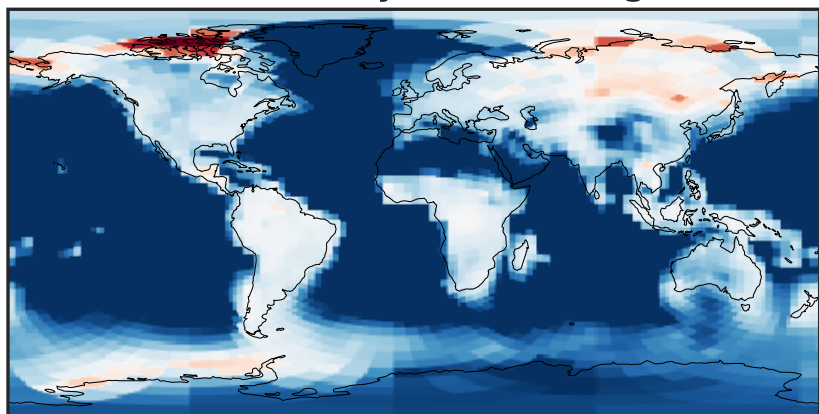
-0.0507 -0.0253 0.0000 0.0253 0.0507
ppb

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



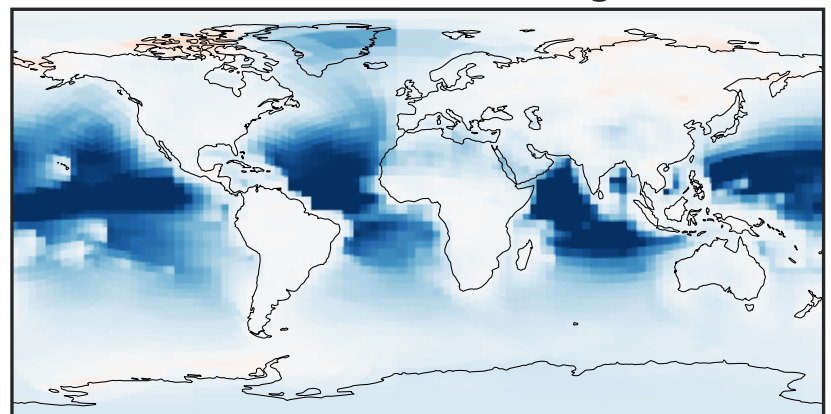
-0.004 0.000 0.004
ppb

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



0.8860 0.9430 1.0000 1.0643 1.1286
unitless

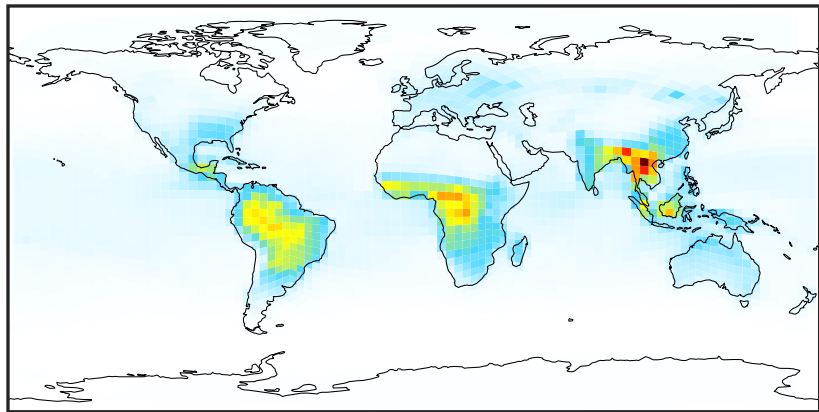
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

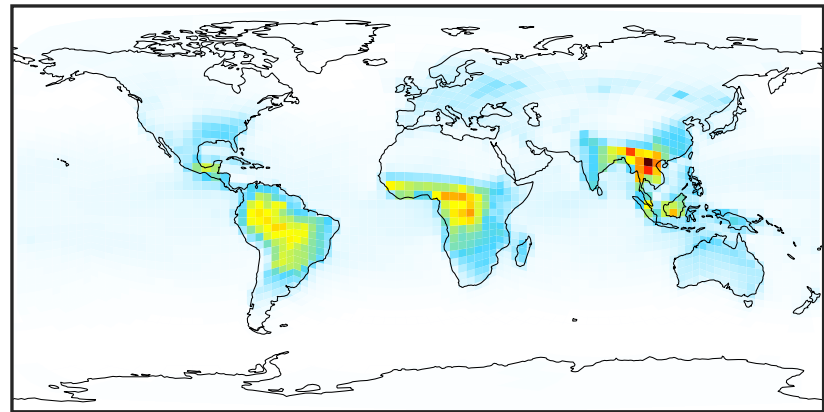
SpeciesConcVV_MOH (Apr2019)

GCHP_14.0.0 (Ref)
c24



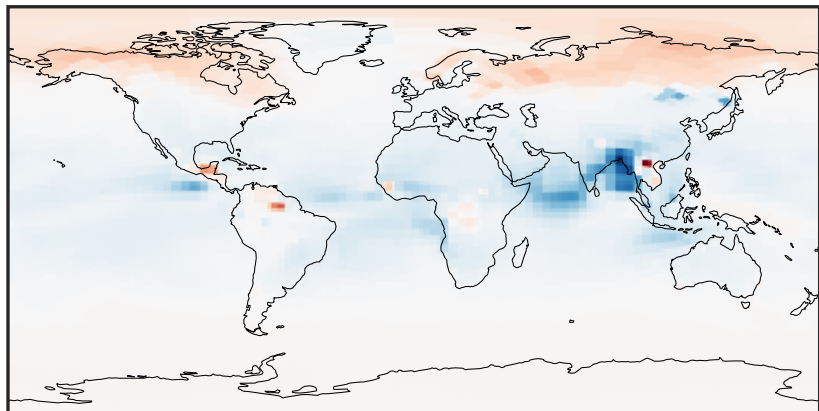
0.02 2.79 5.58 8.37 11.18
ppb

GCHP_14.2.0 (Dev)
c24



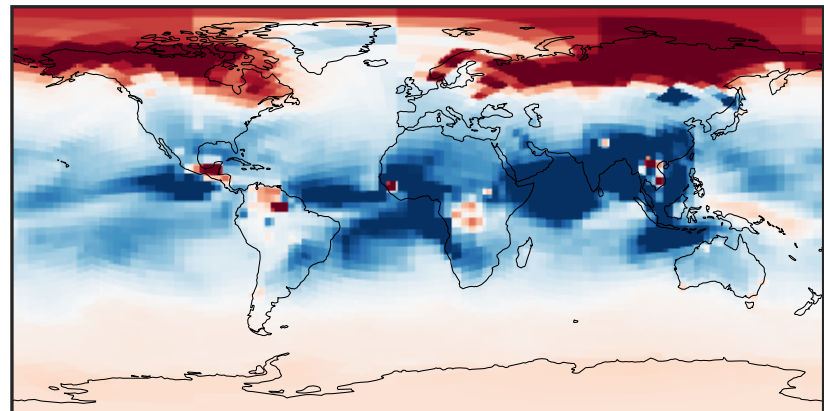
0.02 2.79 5.58 8.37 11.18
ppb

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



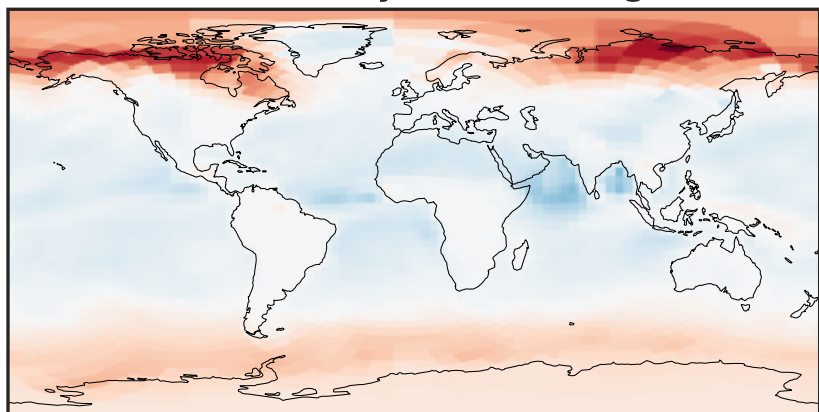
-0.3885 -0.1942 0.0000 0.1942 0.3885
ppb

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



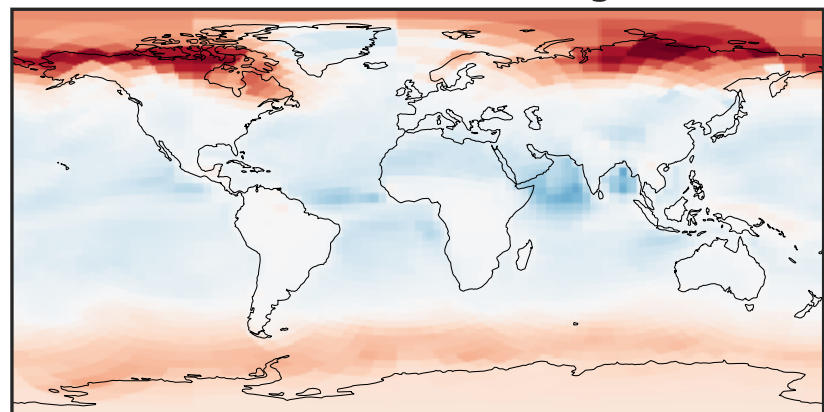
-0.0611 -0.0306 0.0000 0.0306 0.0611
ppb

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



0.445 0.723 1.000 1.623 2.246
unitless

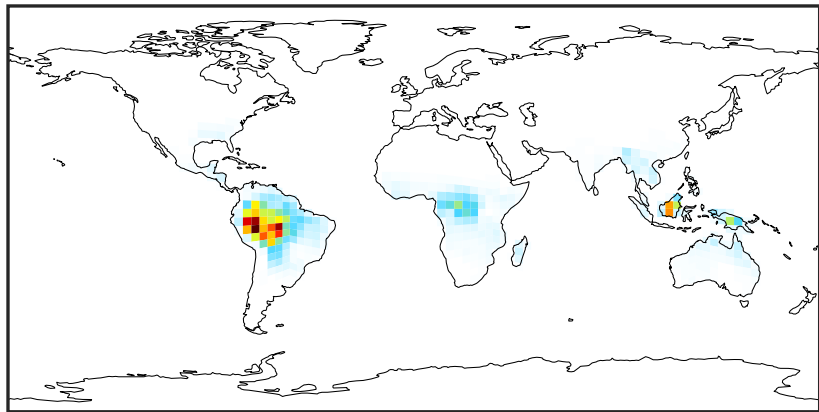
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

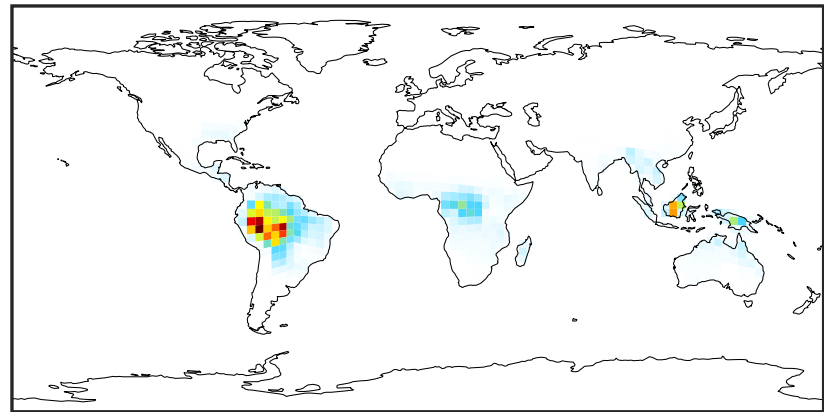
SpeciesConcVV_ISOP (Apr2019)

GCHP_14.0.0 (Ref)
c24



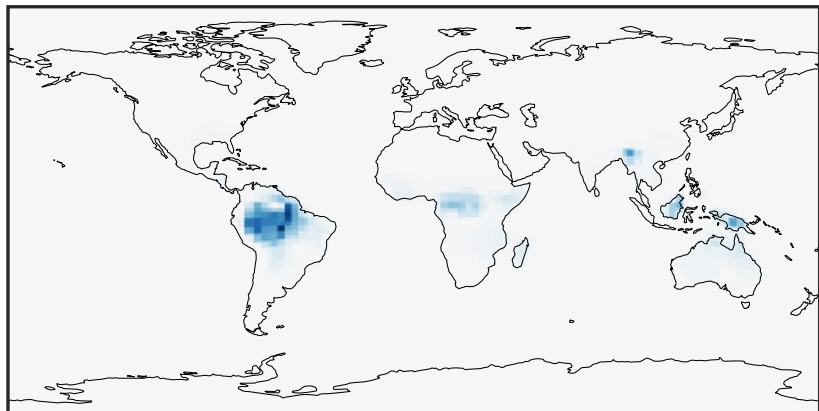
0.00 3.42 6.83 10.25 13.67
ppb

GCHP_14.2.0 (Dev)
c24



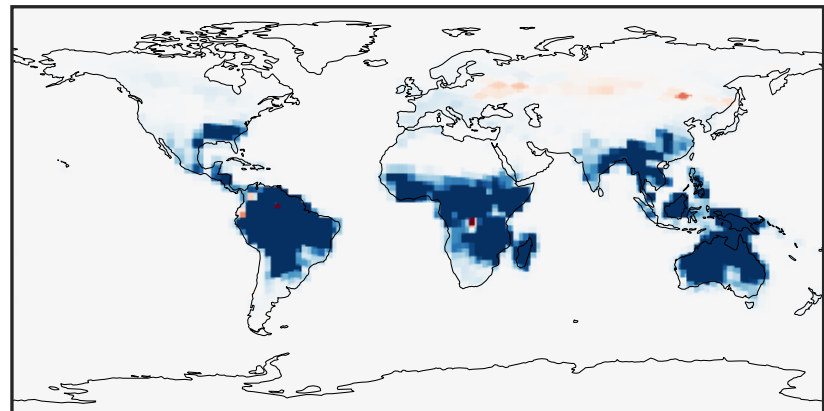
0.00 3.42 6.83 10.25 13.67
ppb

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



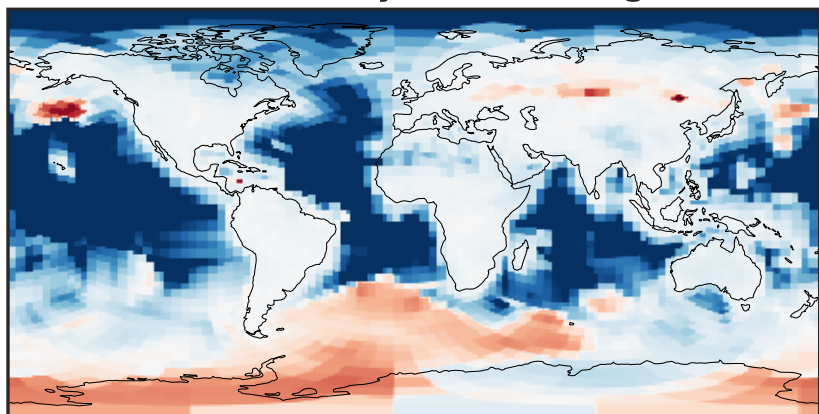
-0.4018 -0.2009 0.0000 0.2009 0.4018
ppb

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



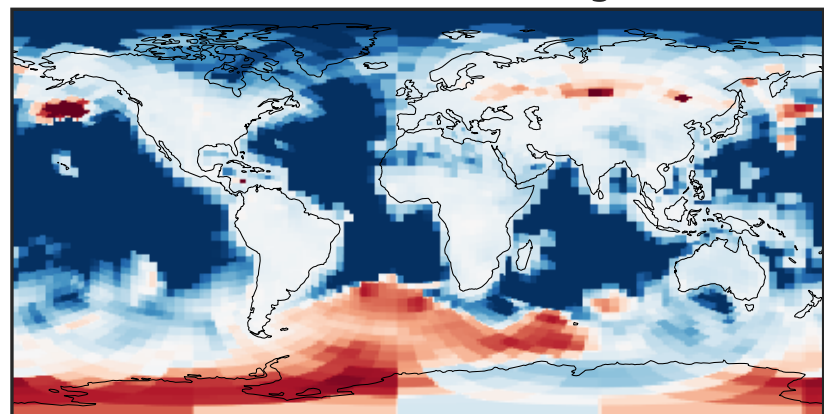
-0.005 0.000 0.005
ppb

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



0.325 0.663 1.000 2.038 3.076
unitless

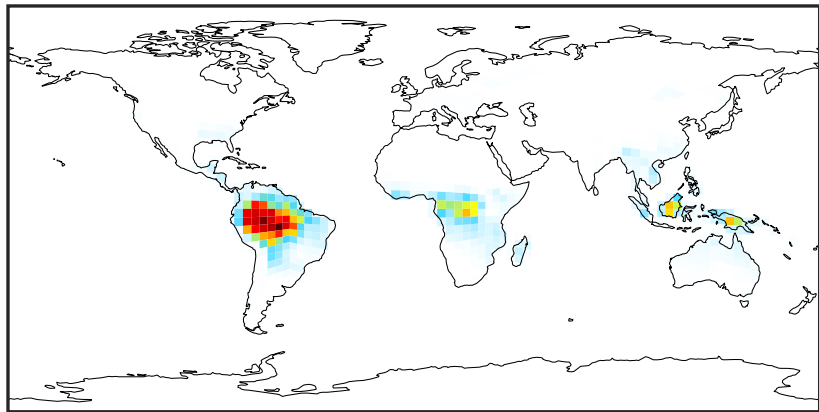
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

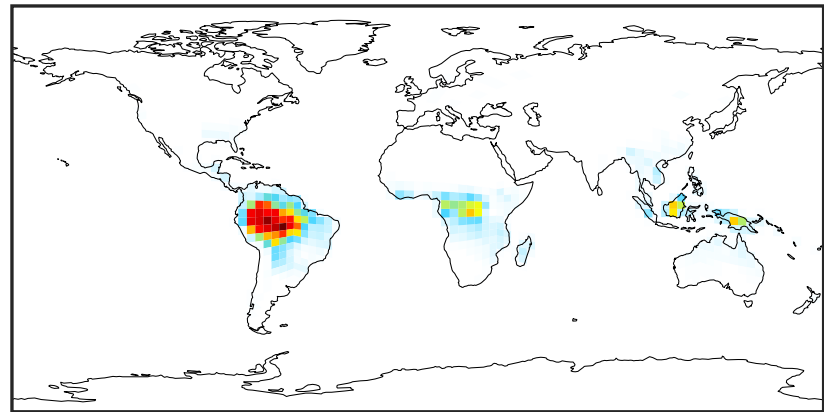
SpeciesConcVV_MTPA (Apr2019)

GCHP_14.0.0 (Ref)
c24



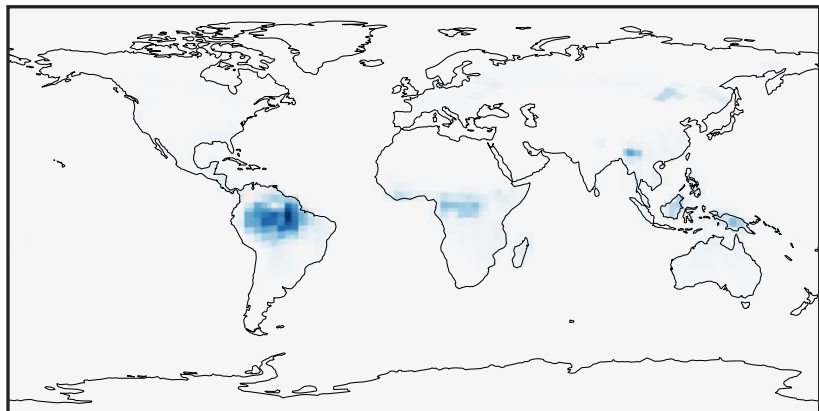
0.000 0.623 1.246 1.868 2.491
ppb

GCHP_14.2.0 (Dev)
c24



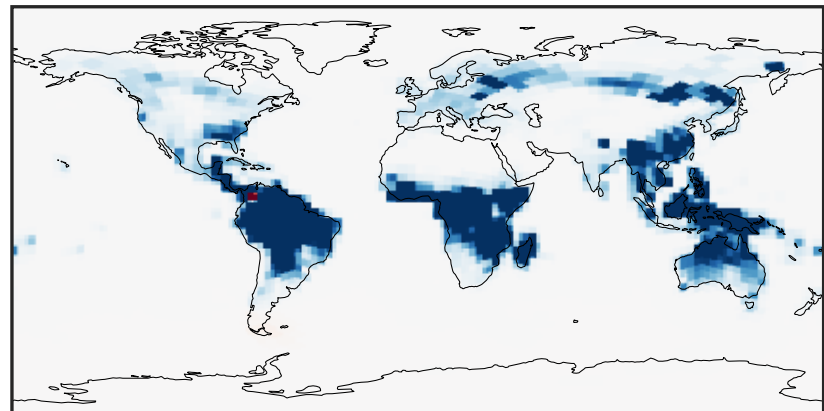
0.000 0.623 1.246 1.868 2.491
ppb

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



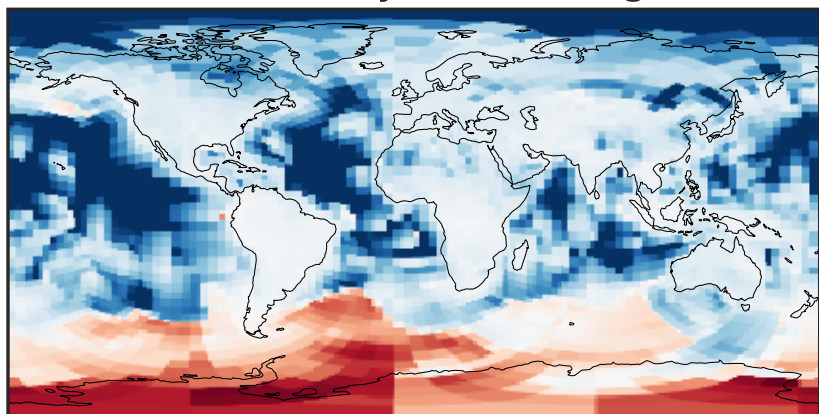
-0.1009 -0.0505 0.0000 0.0505 0.1009
ppb

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



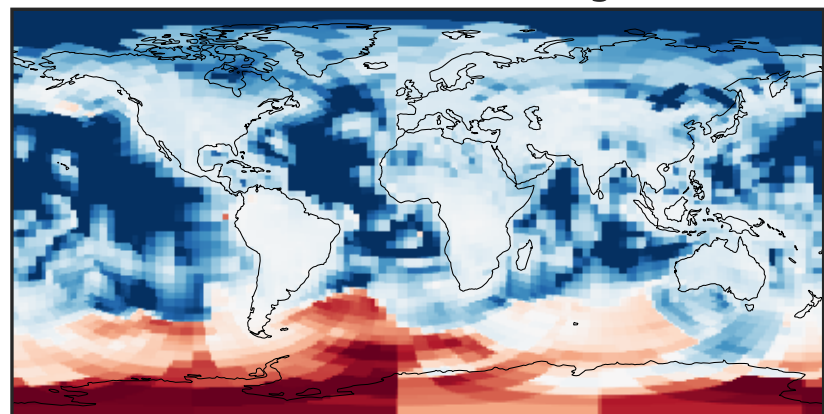
-0.002 0.000 0.002
ppb

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



0.428 0.714 1.000 1.669 2.337
unitless

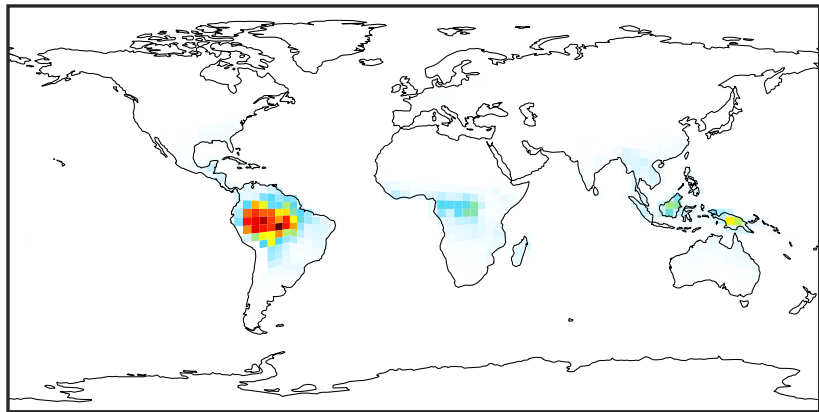
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

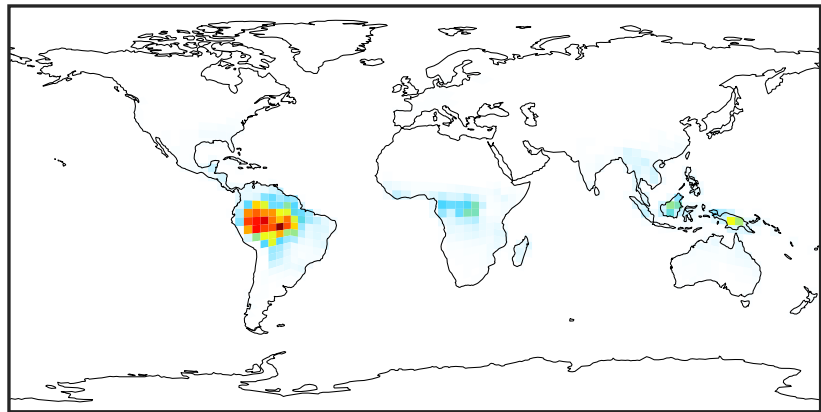
SpeciesConcVV_MTPO (Apr2019)

GCHP_14.0.0 (Ref)
c24



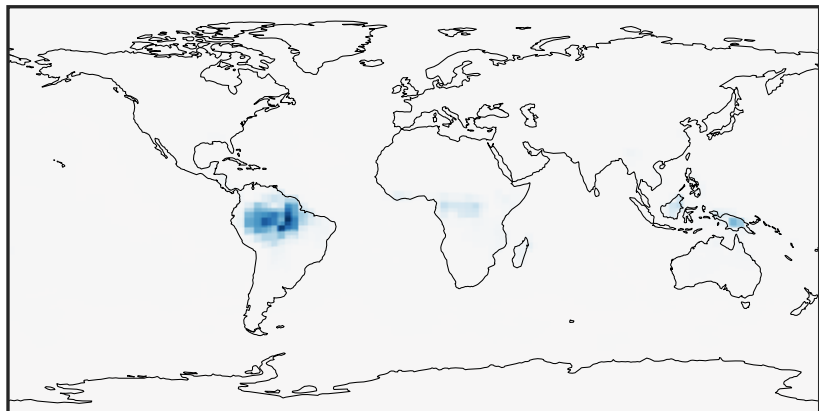
0.0000 0.0462 0.0924 0.1386 0.1848
ppb

GCHP_14.2.0 (Dev)
c24



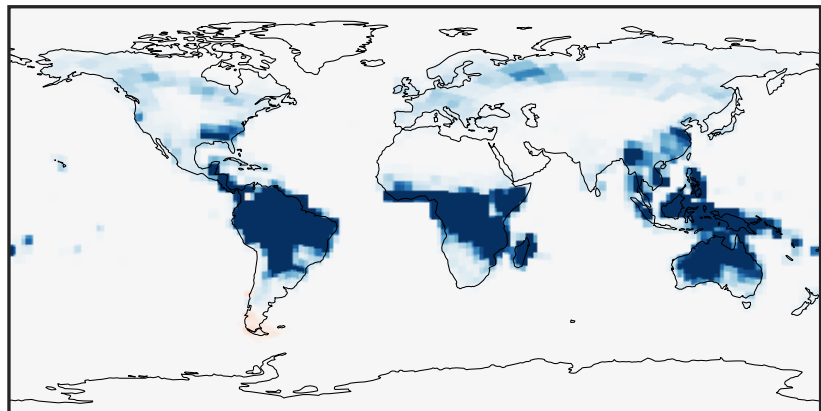
0.0000 0.0462 0.0924 0.1386 0.1848
ppb

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



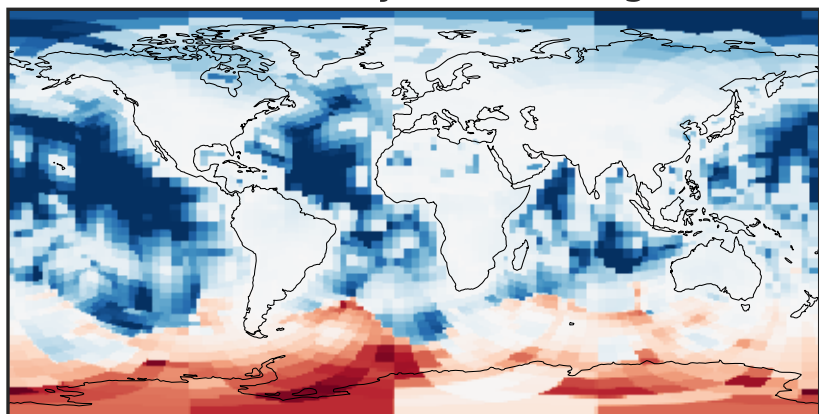
-0.008 0.000 0.008
ppb

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



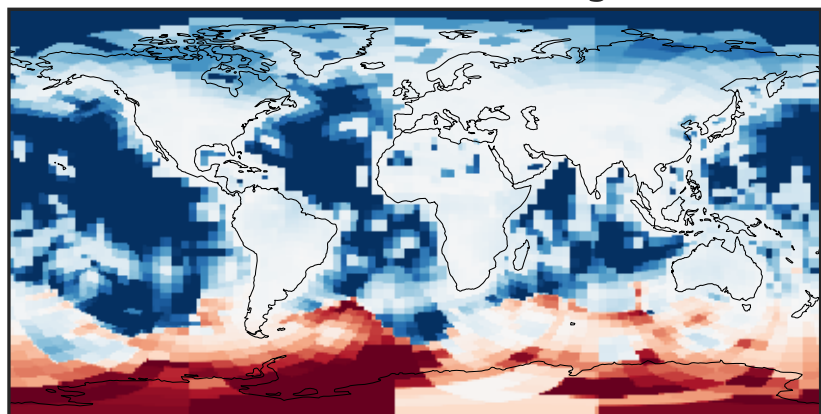
-6 0 6
ppb $1e-5$

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



0.322 0.661 1.000 2.052 3.103
unitless

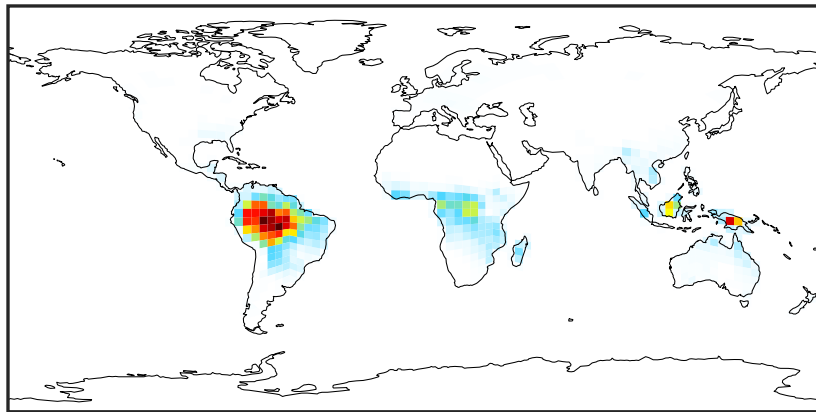
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

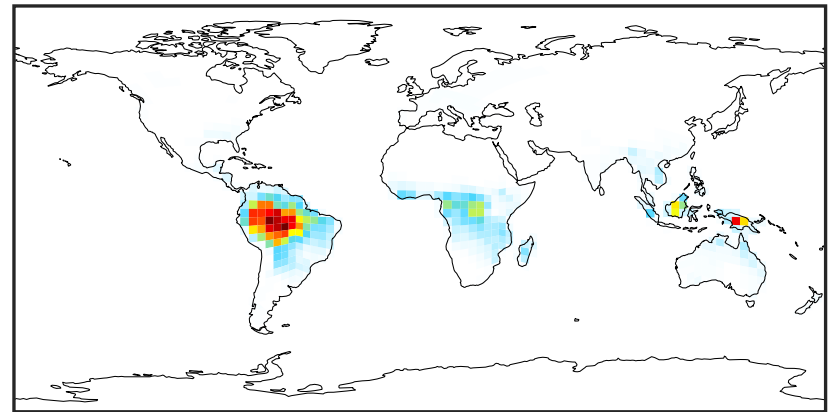
SpeciesConcVV_LIMO (Apr2019)

GCHP_14.0.0 (Ref)
c24



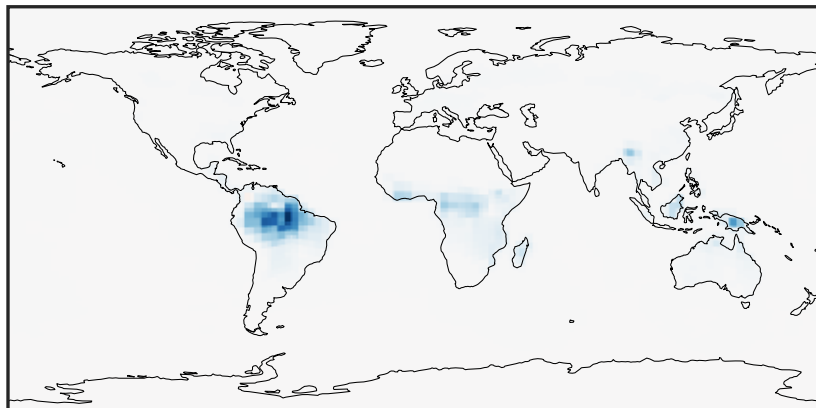
0.0000 0.0327 0.0654 0.0980 0.1307
ppb

GCHP_14.2.0 (Dev)
c24



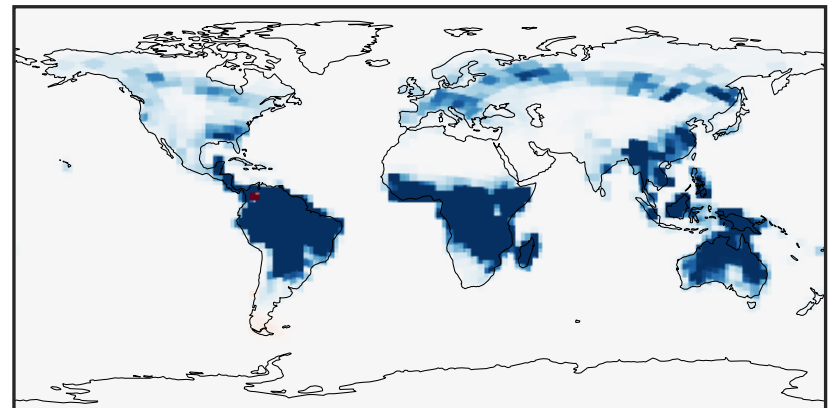
0.0000 0.0327 0.0654 0.0980 0.1307
ppb

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



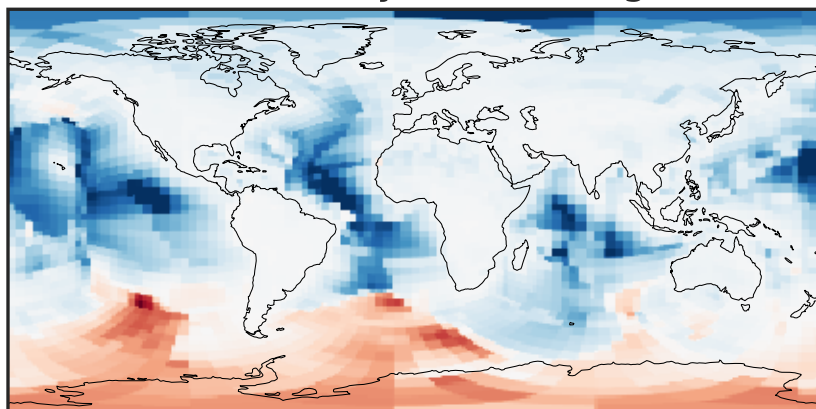
-0.004 0.000 0.004
ppb

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



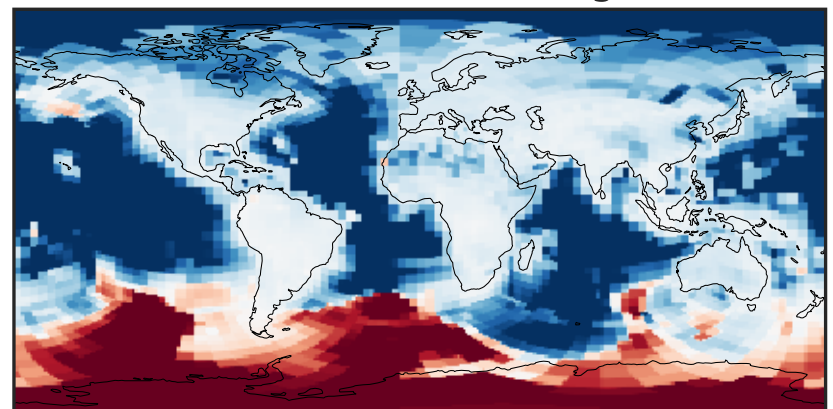
-0.0001 0.0000 0.0001
ppb

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



1e-01 1 10
unitless

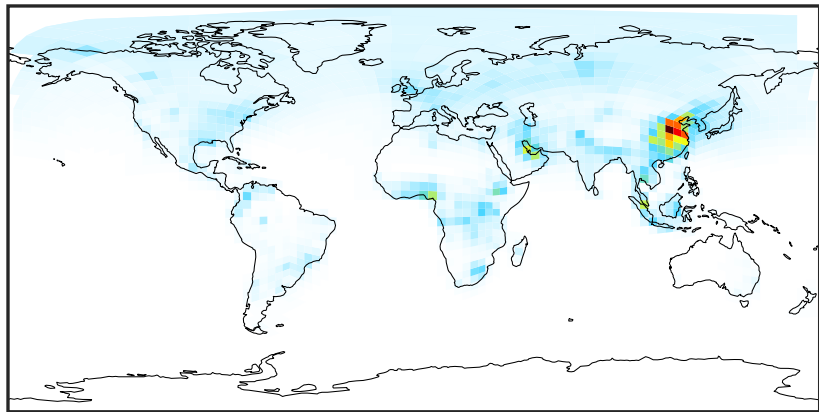
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

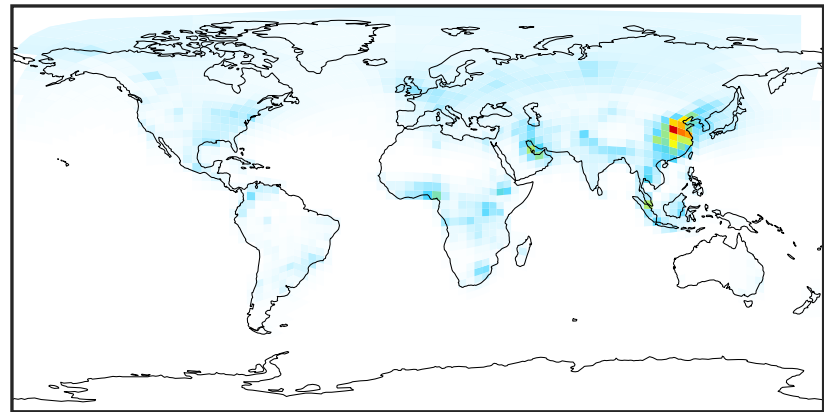
SpeciesConcVV_ALK4 (Apr2019)

GCHP_14.0.0 (Ref)
c24



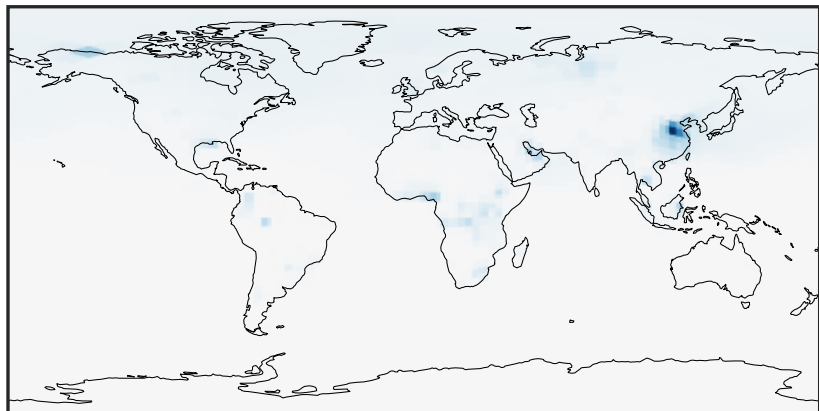
0.00 3.12 6.24 9.36 12.48
ppb

GCHP_14.2.0 (Dev)
c24



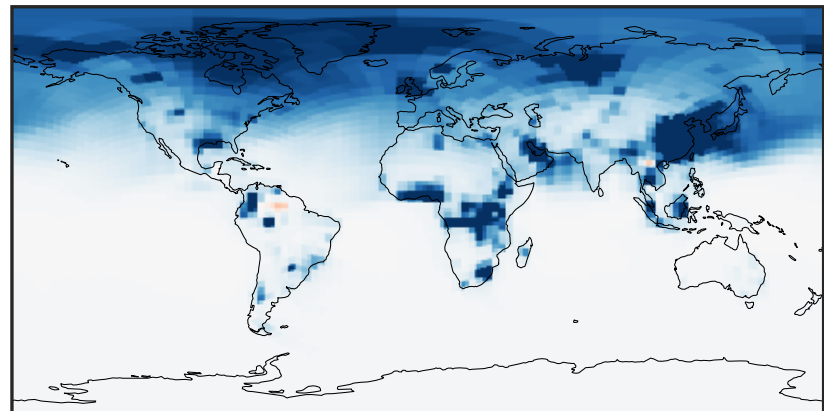
0.00 3.12 6.24 9.36 12.48
ppb

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



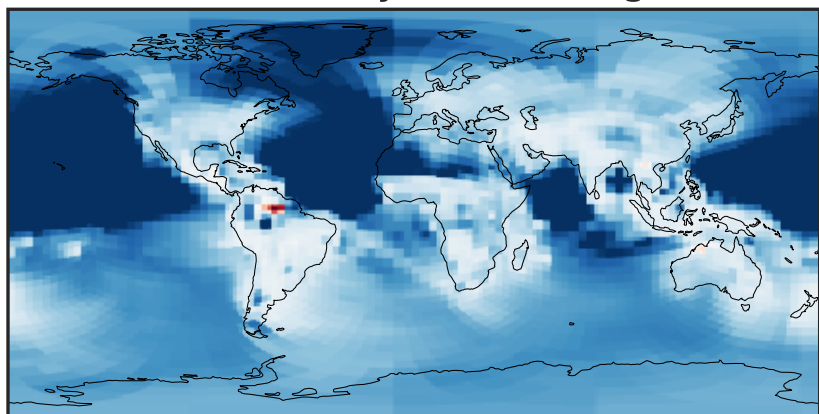
-2.358 -1.179 0.000 1.179 2.358
ppb

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



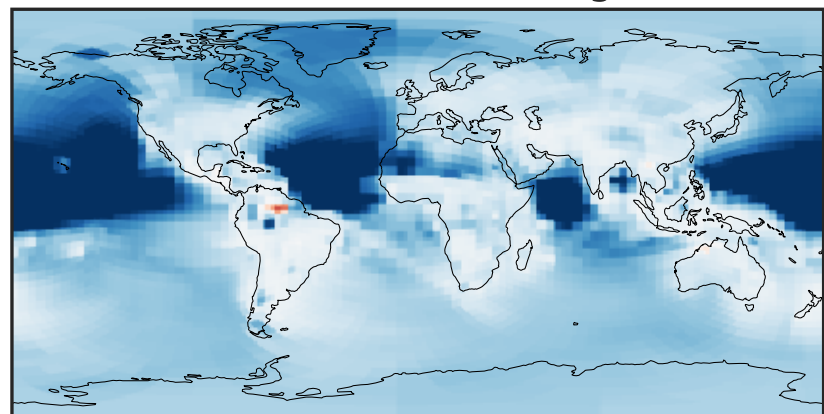
-0.1696 -0.0848 0.0000 0.0848 0.1696
ppb

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



0.6397 0.8198 1.0000 1.2816 1.5633
unitless

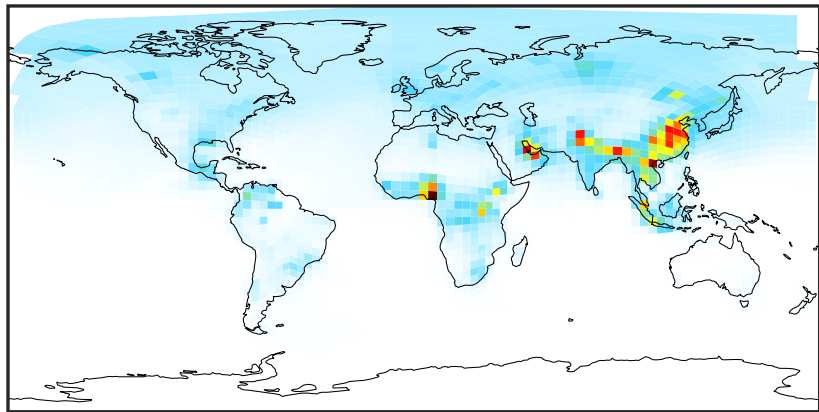
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

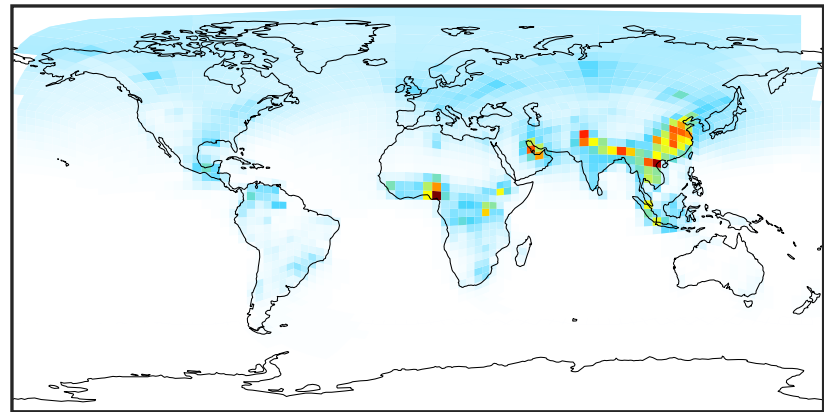
SpeciesConcVV_BENZ (Apr2019)

GCHP_14.0.0 (Ref)
c24



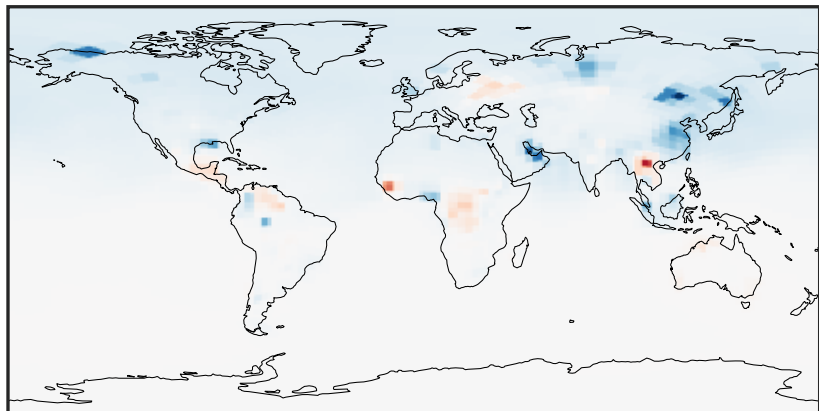
0.0002 0.1866 0.3731 0.5597 0.7465
ppb

GCHP_14.2.0 (Dev)
c24



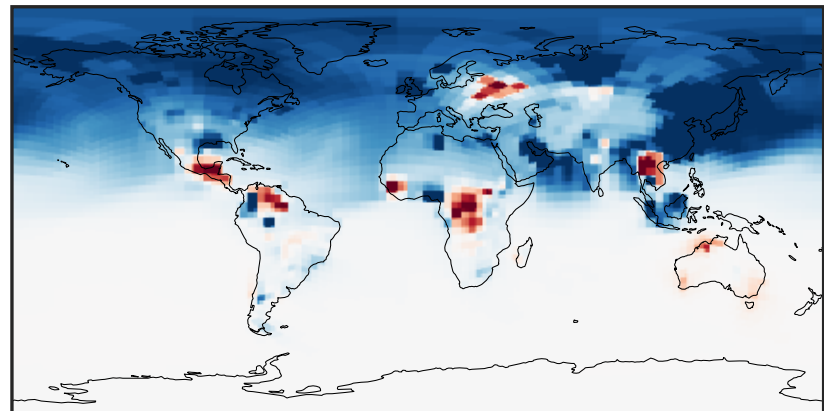
0.0002 0.1866 0.3731 0.5597 0.7465
ppb

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



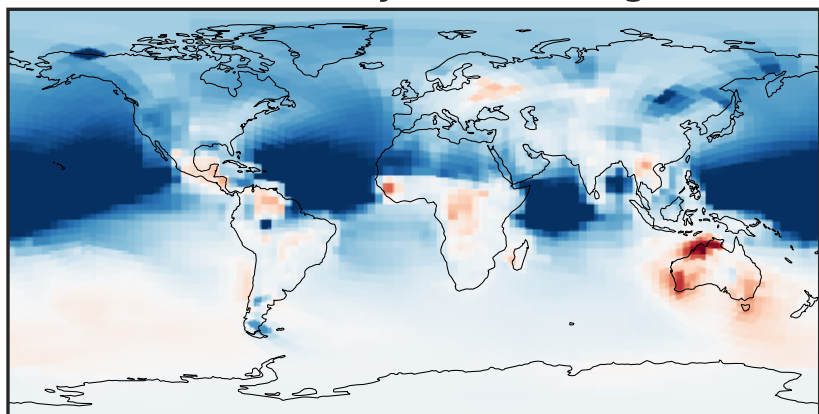
-0.1019 -0.0509 0.0000 0.0509 0.1019
ppb

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



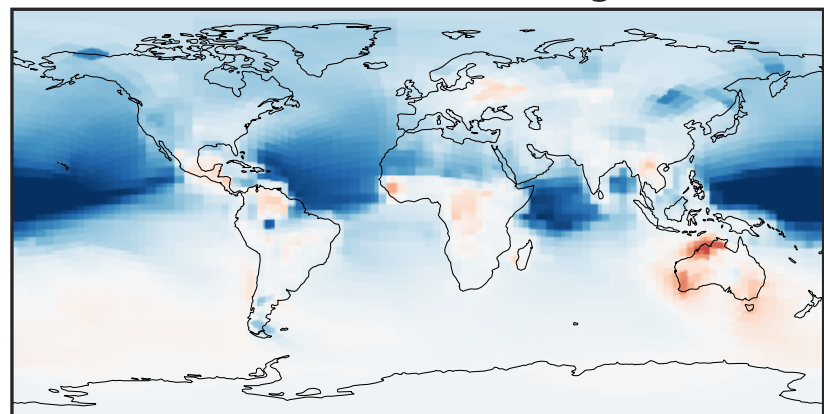
-0.008 0.000 0.008
ppb

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



0.6306 0.8153 1.0000 1.2929 1.5857
unitless

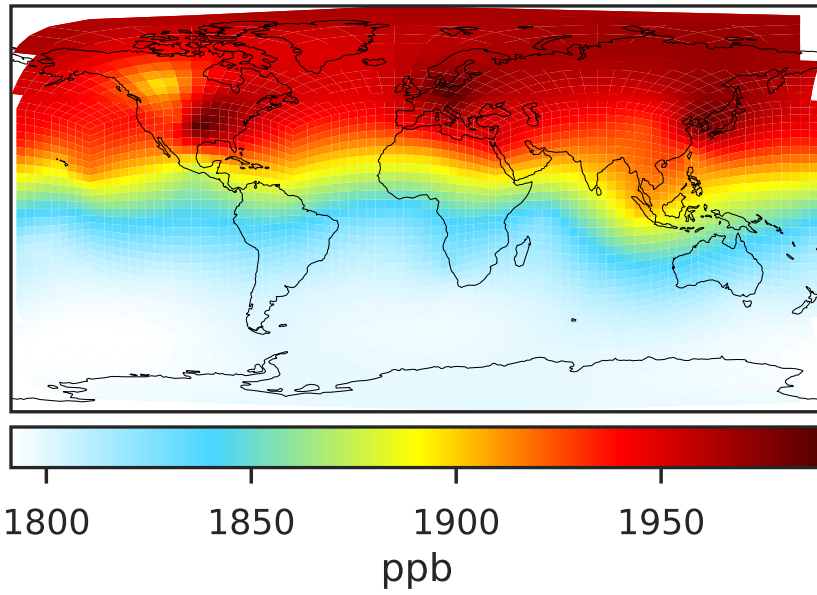
Ratio (1x1.25)
Dev/Ref, Fixed Range



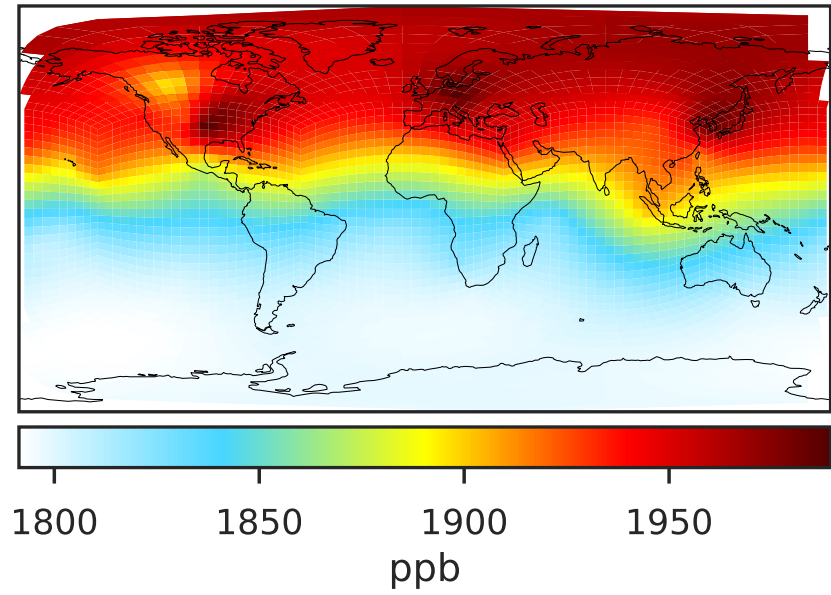
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_CH4 (Apr2019)

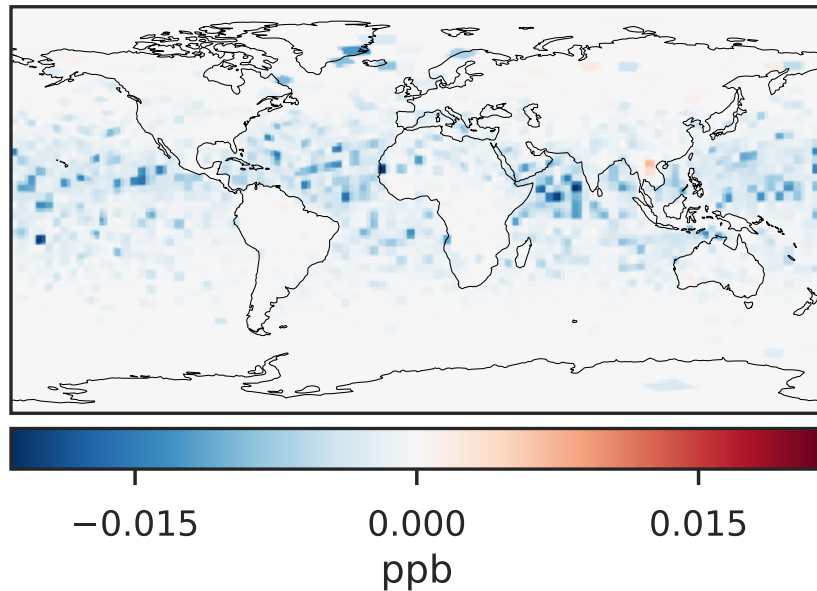
GCHP_14.0.0 (Ref)
c24



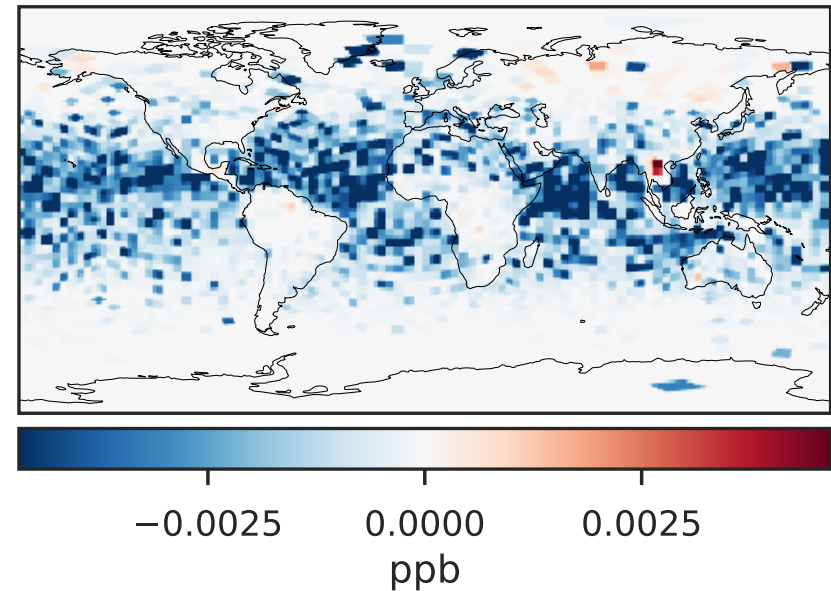
GCHP_14.2.0 (Dev)
c24



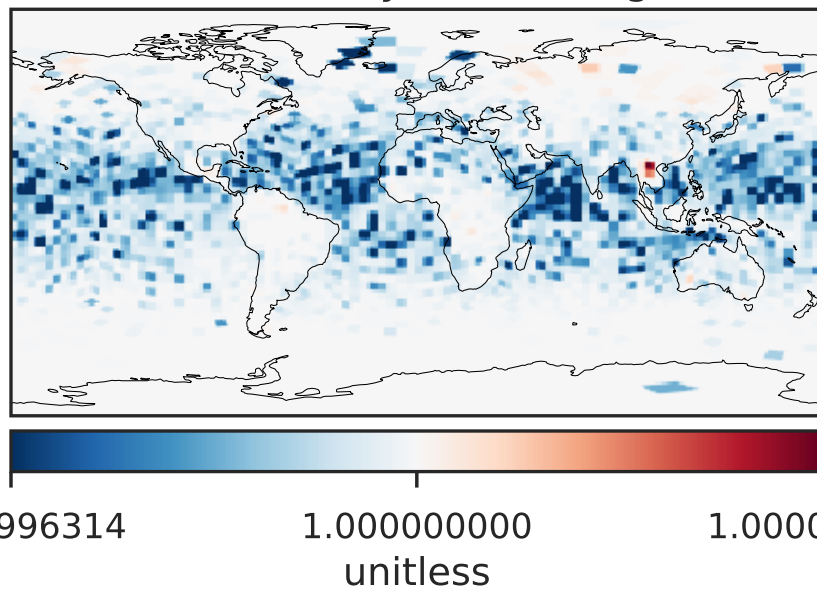
Difference (1x1.25)
Dev - Ref, Dynamic Range



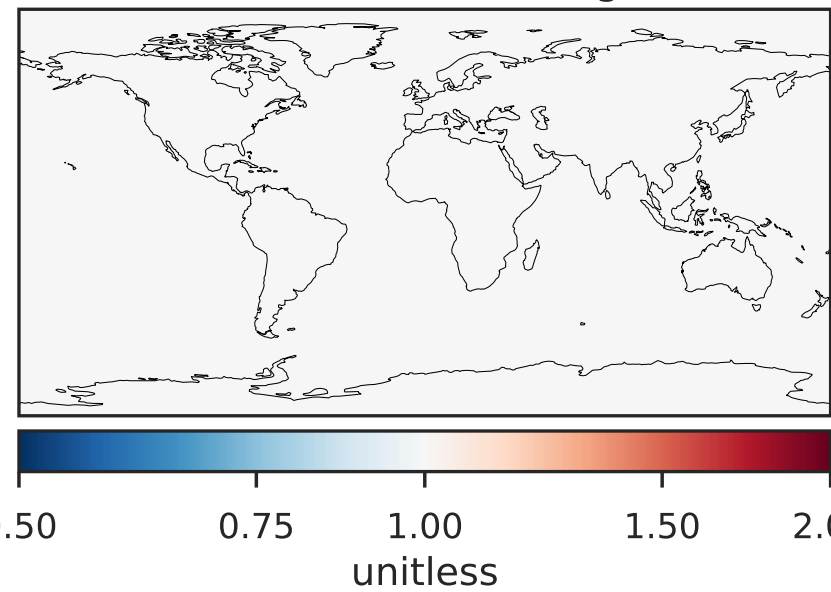
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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



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



0.999996314

1.000000000

1.000003686

unitless

0.50

0.75

1.00

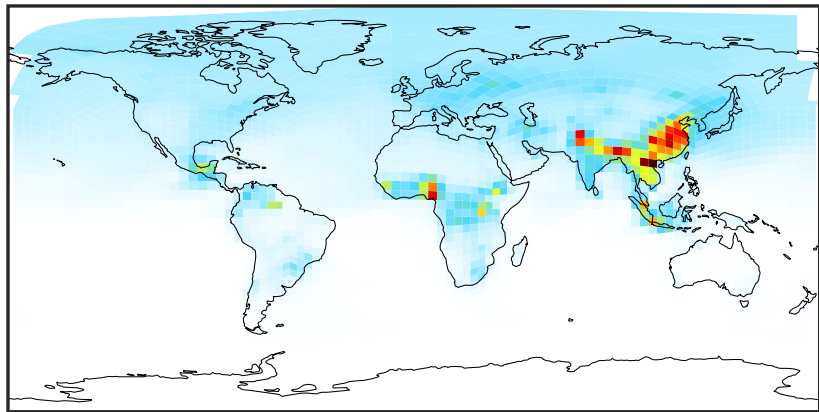
1.50

2.00

unitless

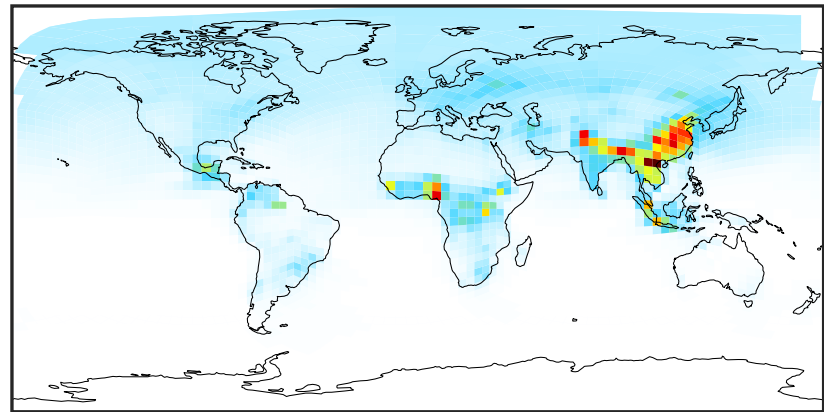
SpeciesConcVV_C2H2 (Apr2019)

GCHP_14.0.0 (Ref)
c24



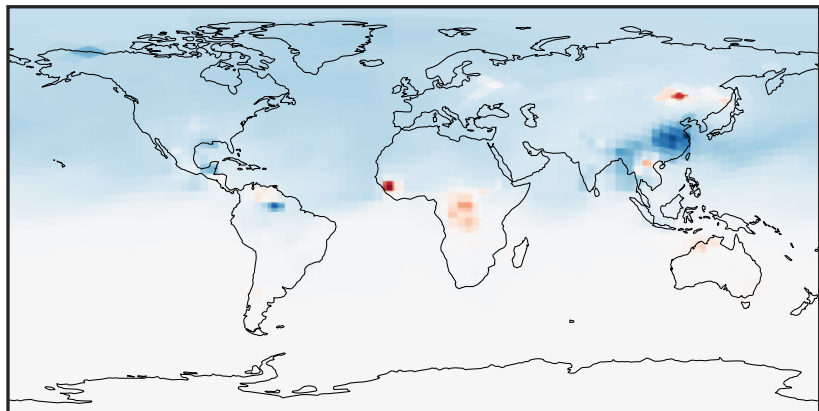
0.003 0.365 0.731 1.096 1.464
ppb

GCHP_14.2.0 (Dev)
c24



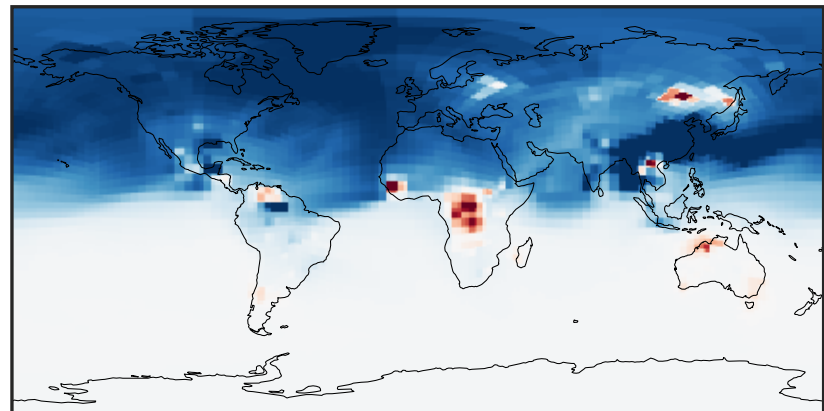
0.003 0.365 0.731 1.096 1.464
ppb

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



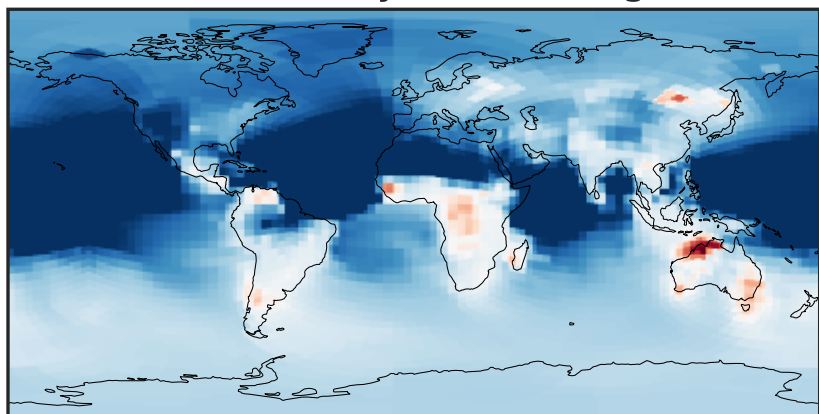
-0.0855 -0.0428 0.0000 0.0428 0.0855
ppb

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



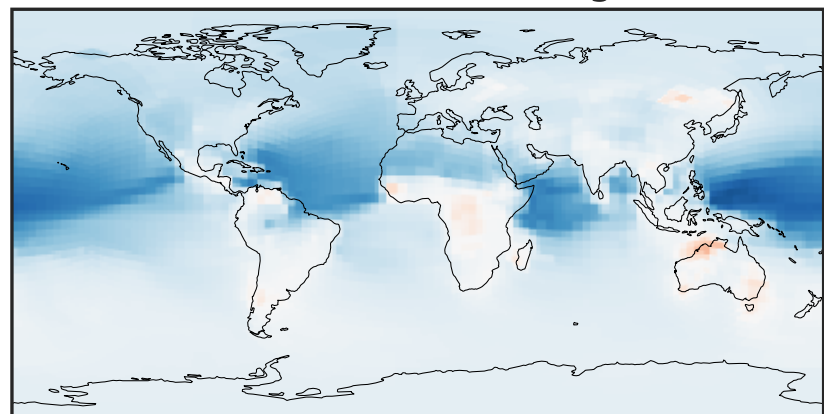
-0.015 0.000 0.015
ppb

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



0.7960 0.8980 1.0000 1.1282 1.2563
unitless

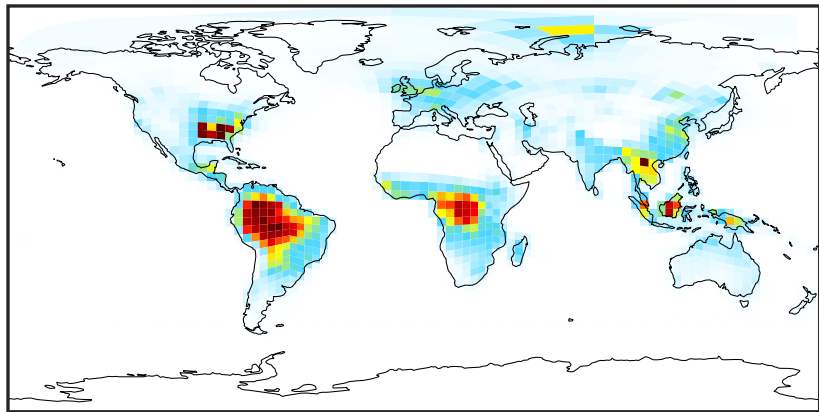
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

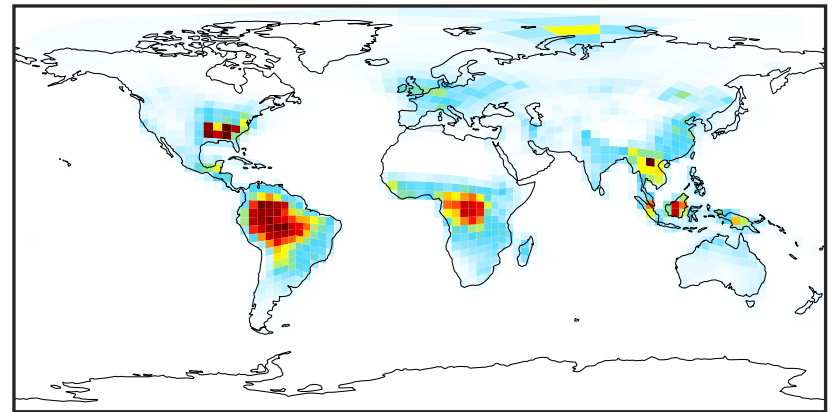
SpeciesConcVV_C2H4 (Apr2019)

GCHP_14.0.0 (Ref)
c24



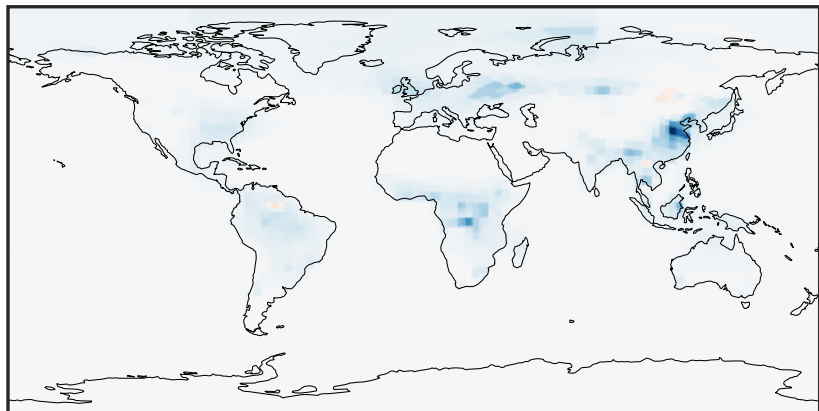
0.000 0.845 1.690 2.535 3.380
ppb

GCHP_14.2.0 (Dev)
c24



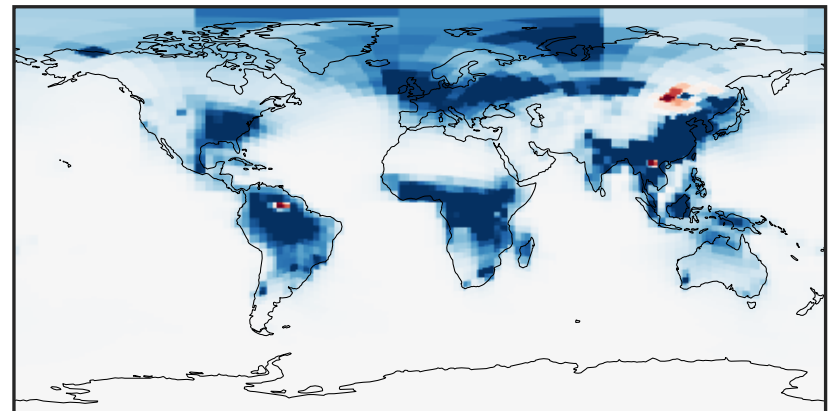
0.000 0.845 1.690 2.535 3.380
ppb

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



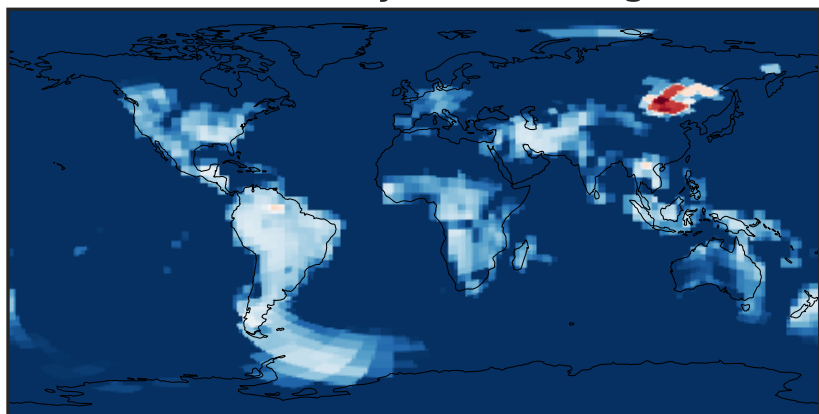
-0.3203 -0.1602 0.0000 0.1602 0.3203
ppb

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



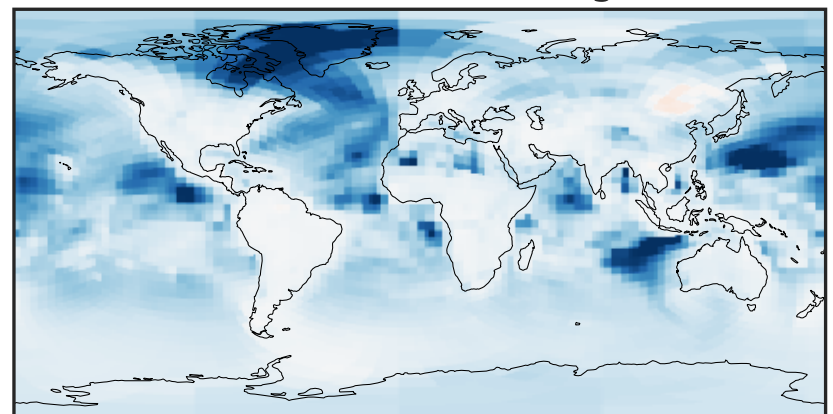
-0.02 0.00 0.02
ppb

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



0.9271 0.9635 1.0000 1.0393 1.0787
unitless

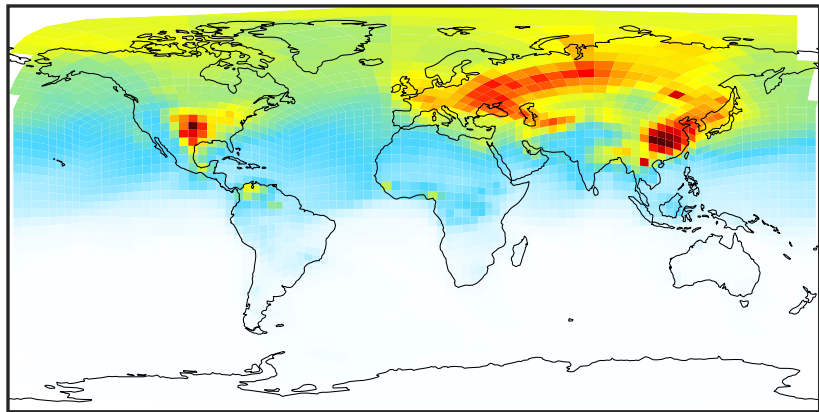
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

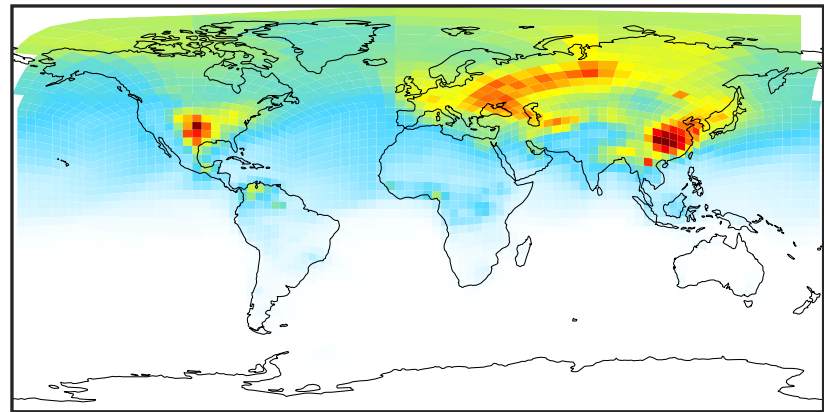
SpeciesConcVV_C2H6 (Apr2019)

GCHP_14.0.0 (Ref)
c24



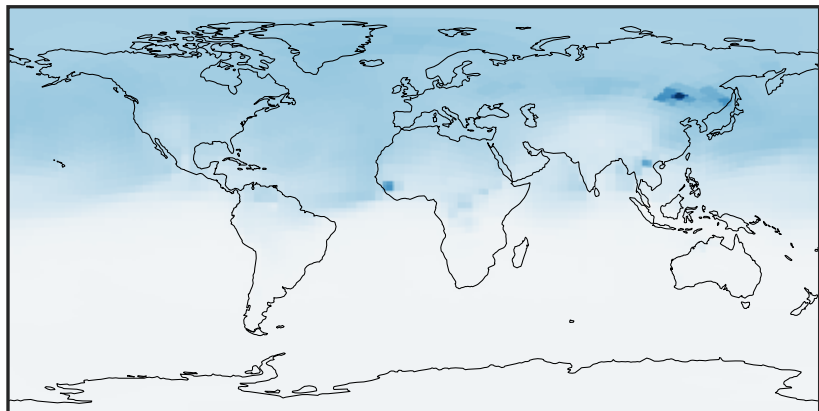
0.055 1.012 2.024 3.036 4.103
ppb

GCHP_14.2.0 (Dev)
c24



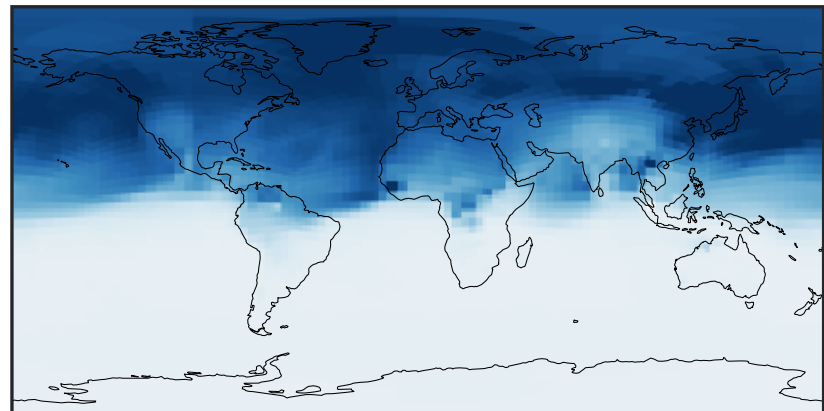
0.055 1.012 2.024 3.036 4.103
ppb

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



-0.781 -0.391 0.000 0.391 0.781
ppb

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



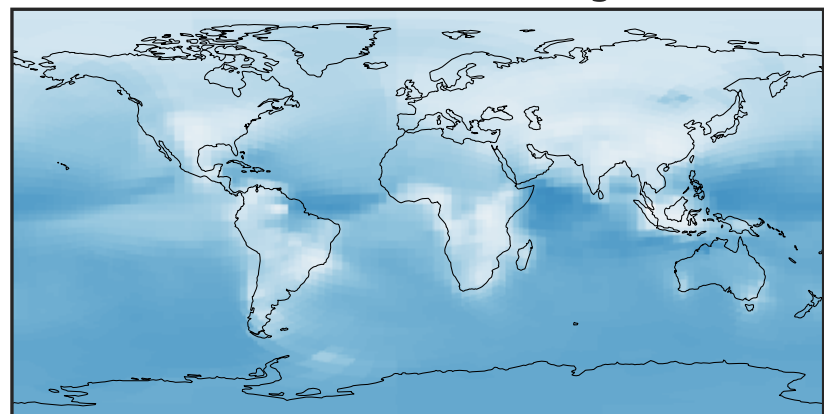
-0.2872 -0.1436 0.0000 0.1436 0.2872
ppb

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



0.9996789 1.000000 1.0003213
unitless

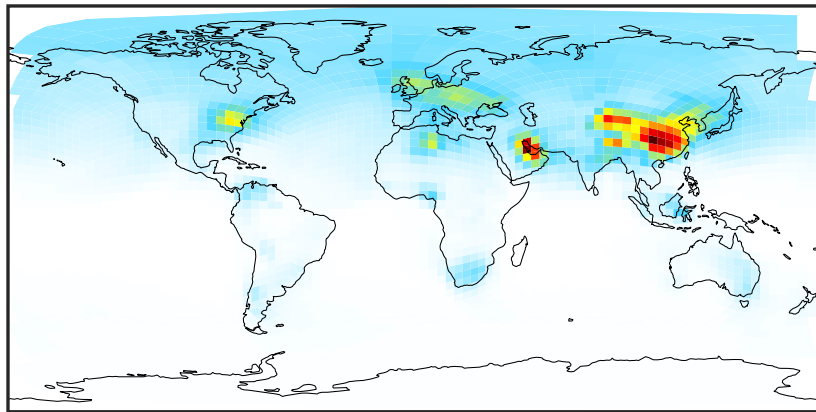
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

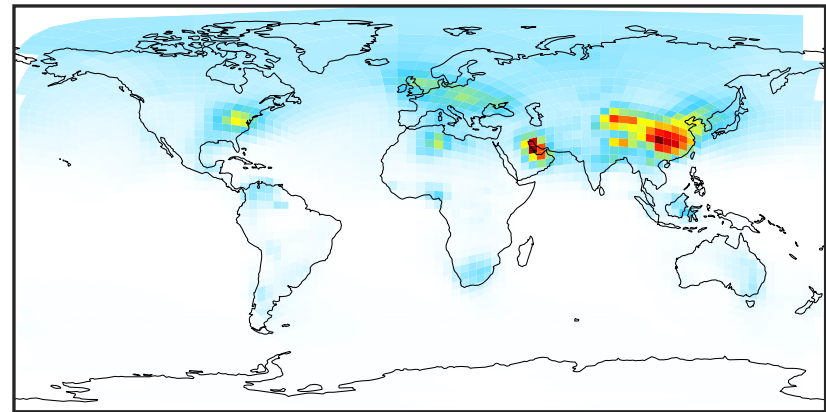
SpeciesConcVV_C3H8 (Apr2019)

GCHP_14.0.0 (Ref)
c24



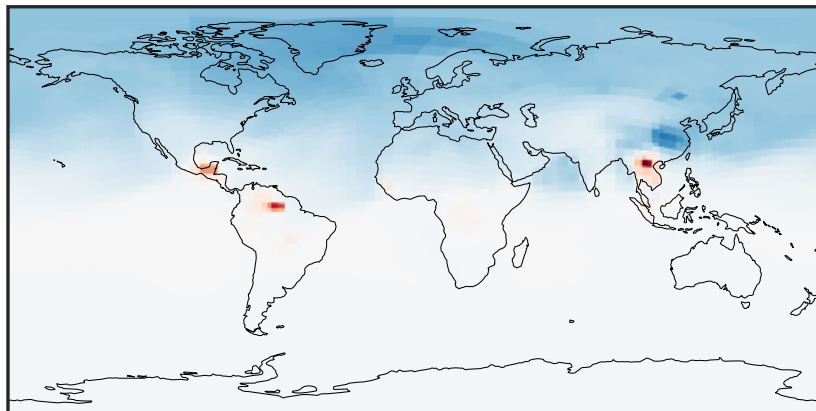
0.001 0.785 1.570 2.355 3.141
ppb

GCHP_14.2.0 (Dev)
c24



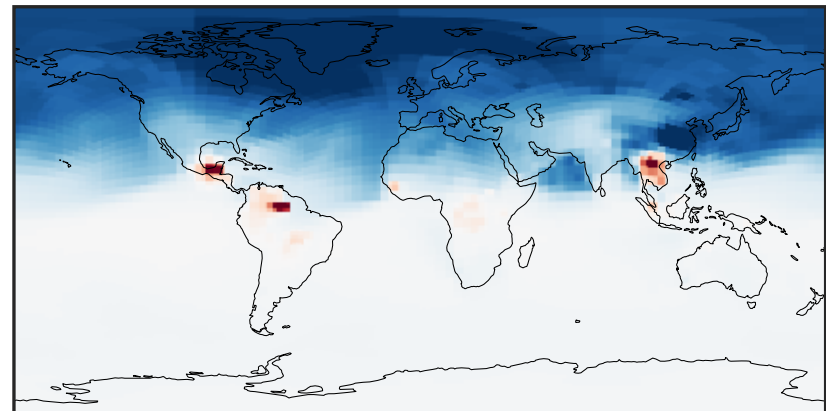
0.001 0.785 1.570 2.355 3.141
ppb

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



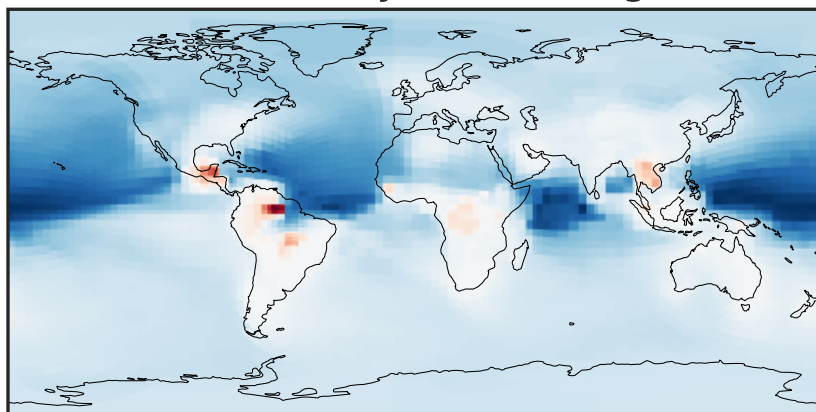
-0.2911 -0.1456 0.0000 0.1456 0.2911
ppb

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



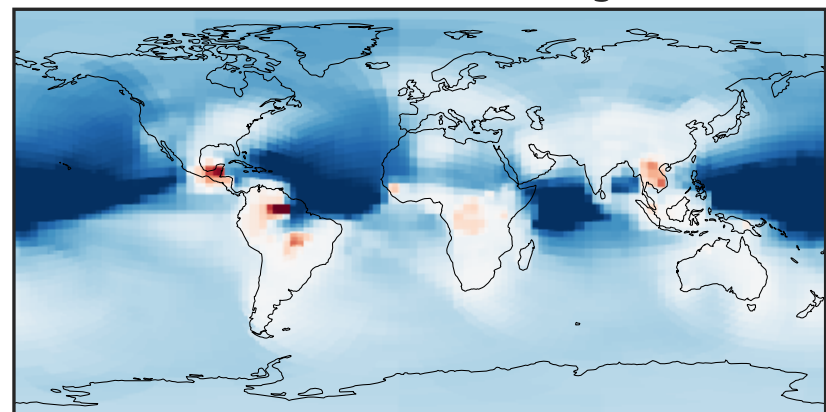
-0.1295 -0.0647 0.0000 0.0647 0.1295
ppb

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



0.371 0.685 1.000 1.848 2.696
unitless

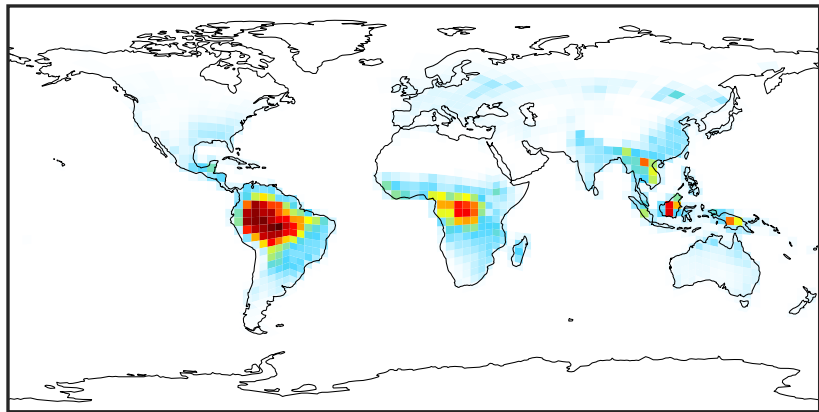
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

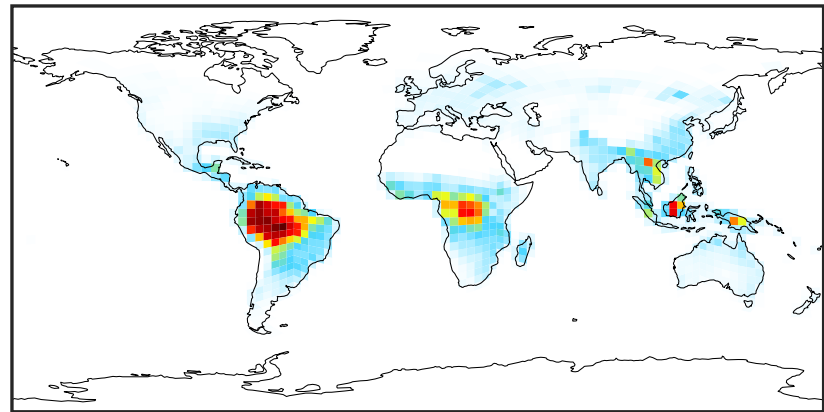
SpeciesConcVV_PRPE (Apr2019)

GCHP_14.0.0 (Ref)
c24



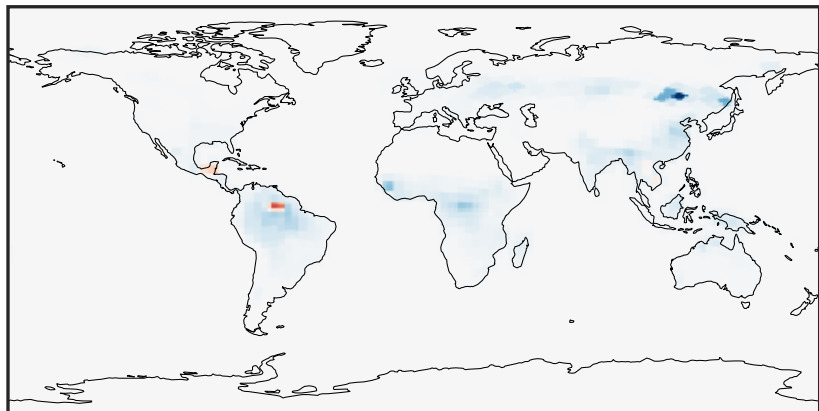
0.000 0.593 1.187 1.780 2.373
ppb

GCHP_14.2.0 (Dev)
c24



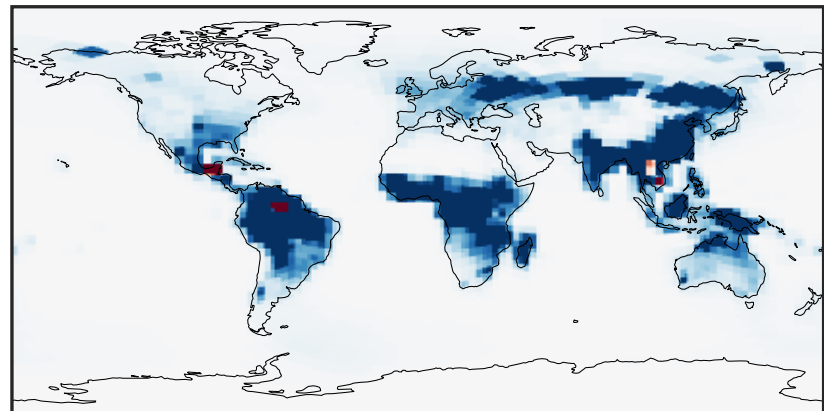
0.000 0.593 1.187 1.780 2.373
ppb

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



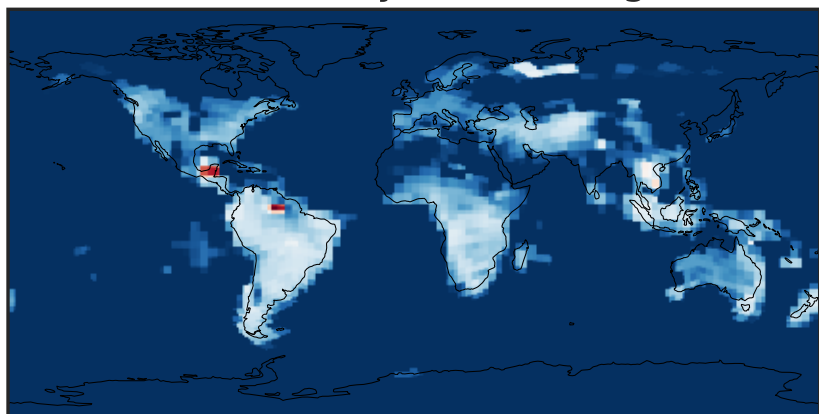
-0.1755 -0.0878 0.0000 0.0878 0.1755
ppb

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



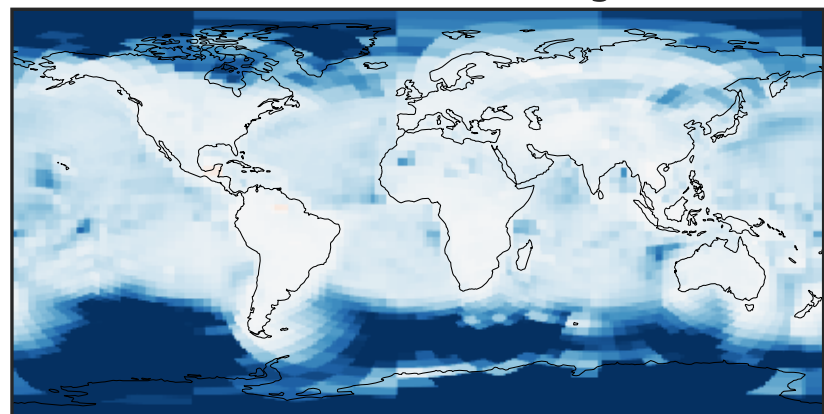
-0.005 0.000 0.005
ppb

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



0.9344 0.9672 1.0000 1.0351 1.0702
unitless

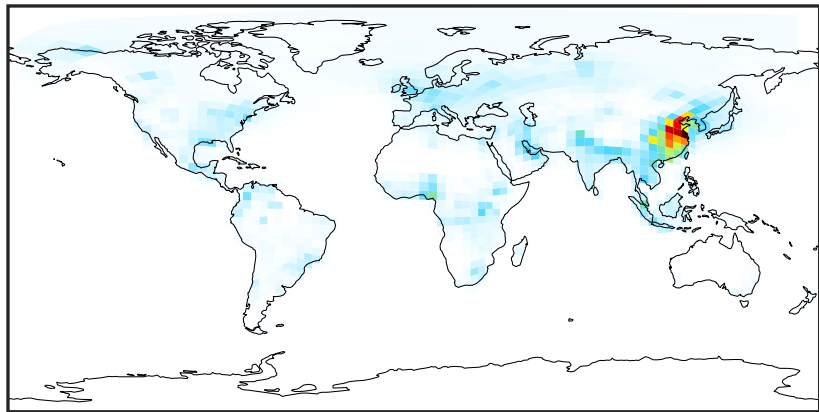
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

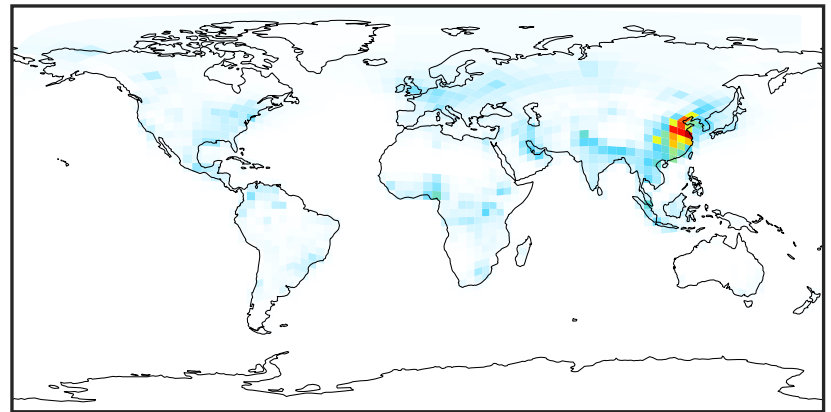
SpeciesConcVV_TOLU (Apr2019)

GCHP_14.0.0 (Ref)
c24



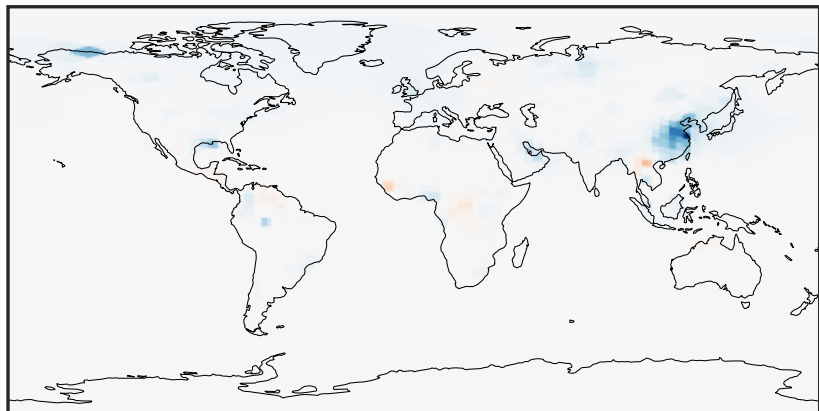
0.0000 0.2240 0.4481 0.6721 0.8961
ppb

GCHP_14.2.0 (Dev)
c24



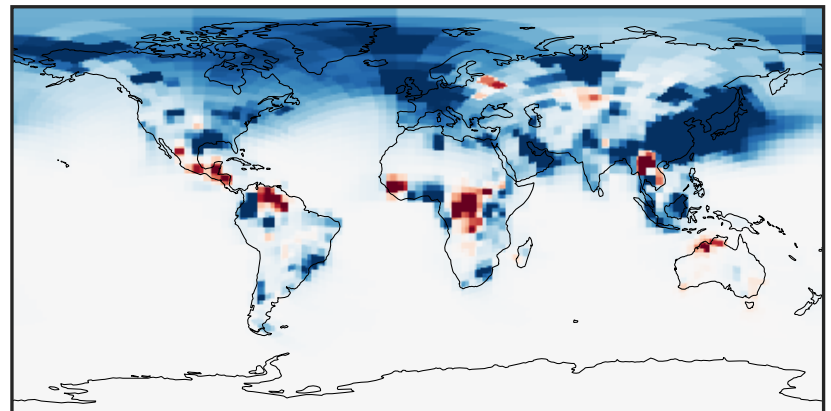
0.0000 0.2240 0.4481 0.6721 0.8961
ppb

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



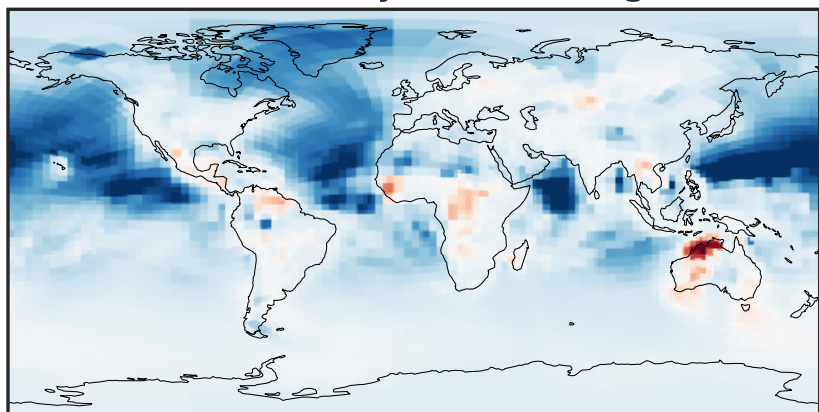
-0.1375 -0.0687 0.0000 0.0687 0.1375
ppb

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



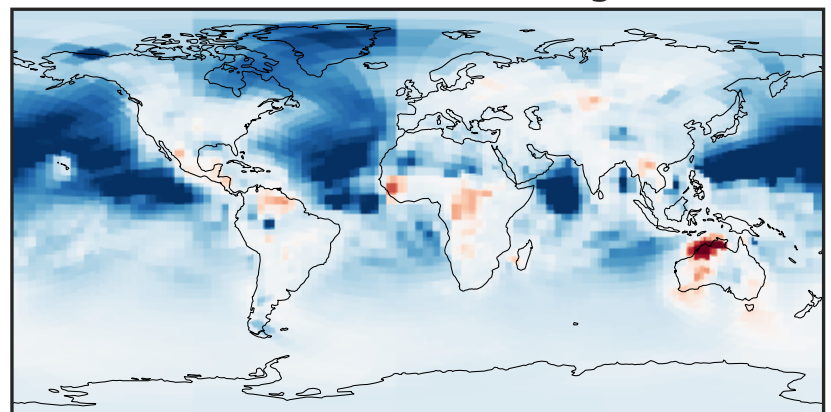
-0.0025 0.0000 0.0025
ppb

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



0.437 0.718 1.000 1.645 2.290
unitless

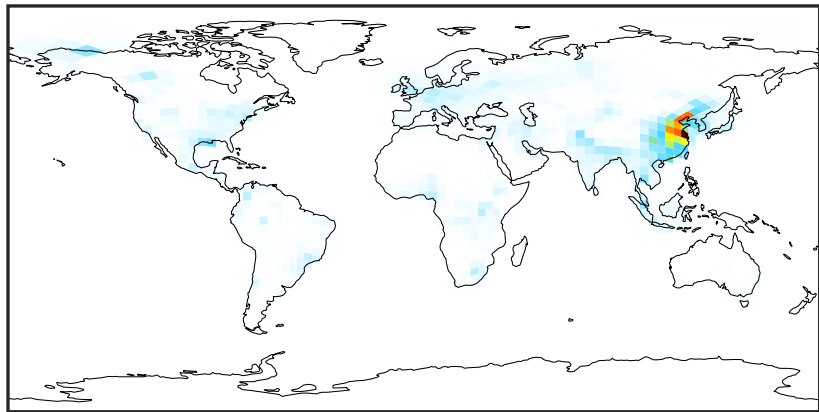
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

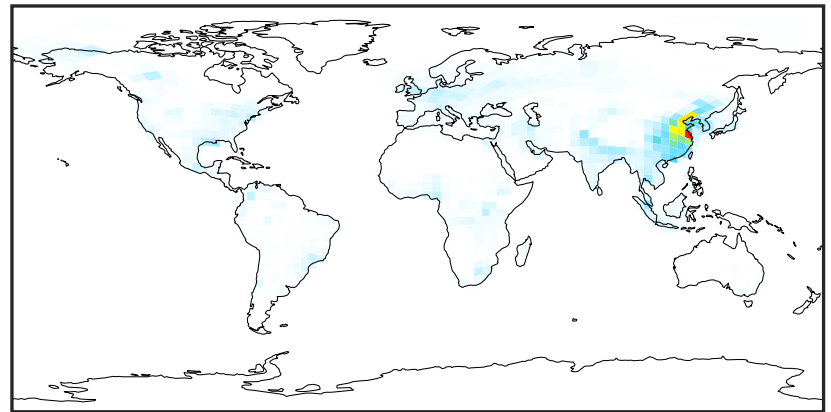
SpeciesConcVV_XYLE (Apr2019)

GCHP_14.0.0 (Ref)
c24



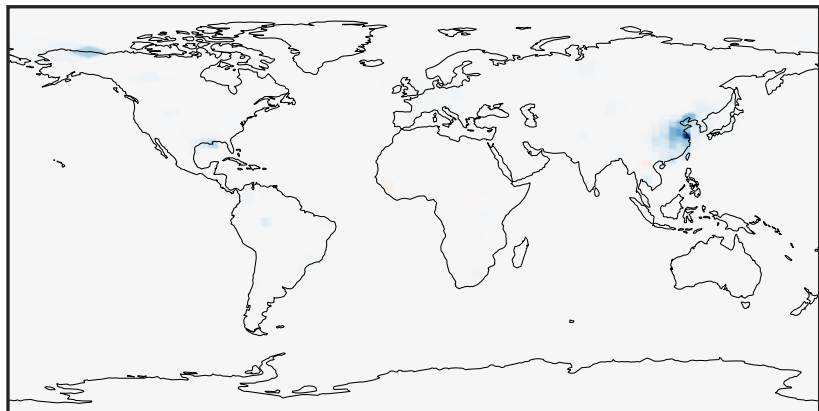
0.000 0.267 0.534 0.802 1.069
ppb

GCHP_14.2.0 (Dev)
c24



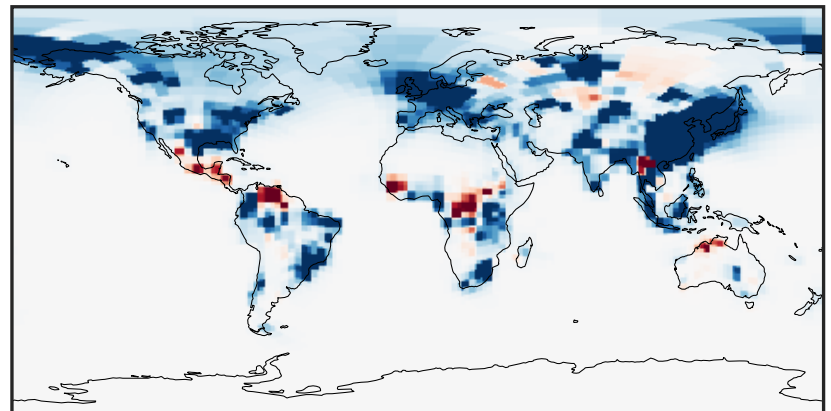
0.000 0.267 0.534 0.802 1.069
ppb

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



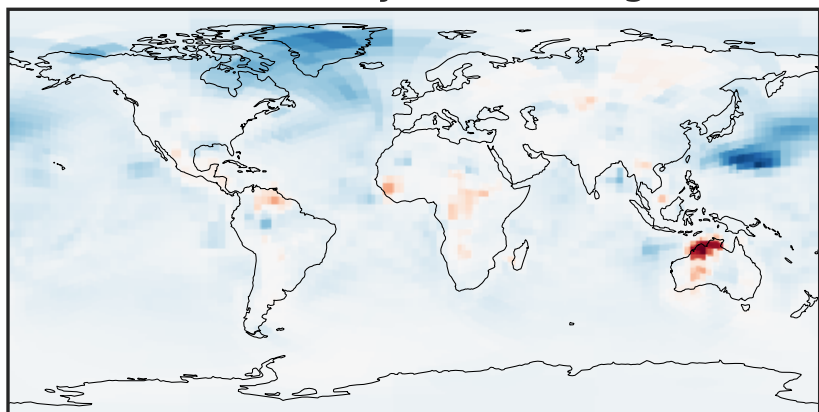
-0.292 -0.146 0.000 0.146 0.292
ppb

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



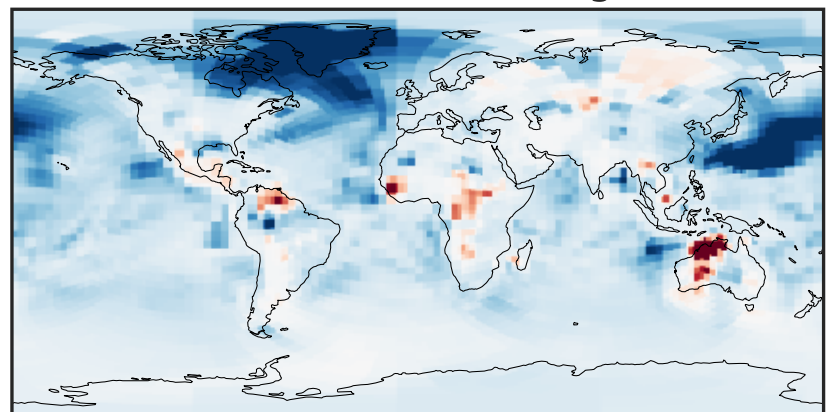
-0.0015 0.0000 0.0015
ppb

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



0.173 0.586 1.000 3.391 5.781
unitless

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



0.50 0.75 1.00 1.50 2.00
unitless