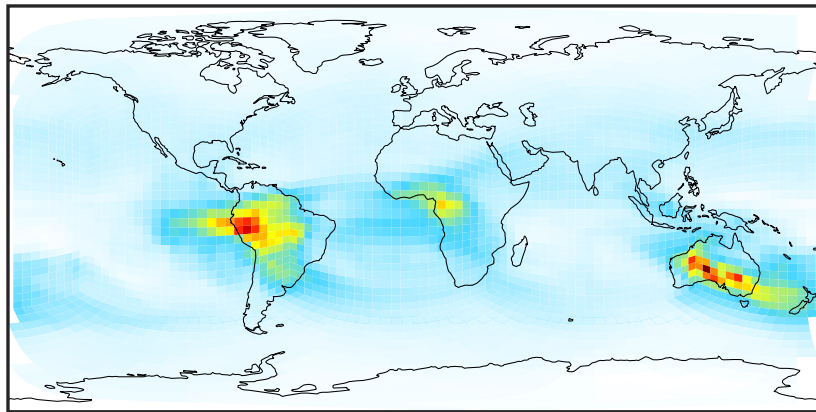


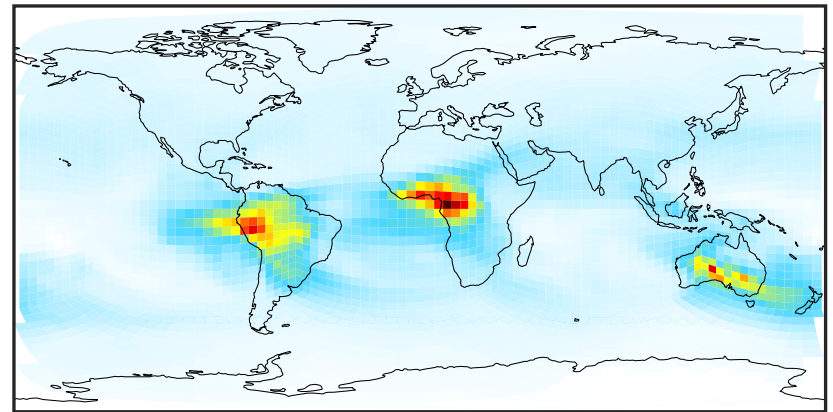
SpeciesConcVV_ACTA (Jan2019)

GCHP_14.0.0 (Ref)
c24



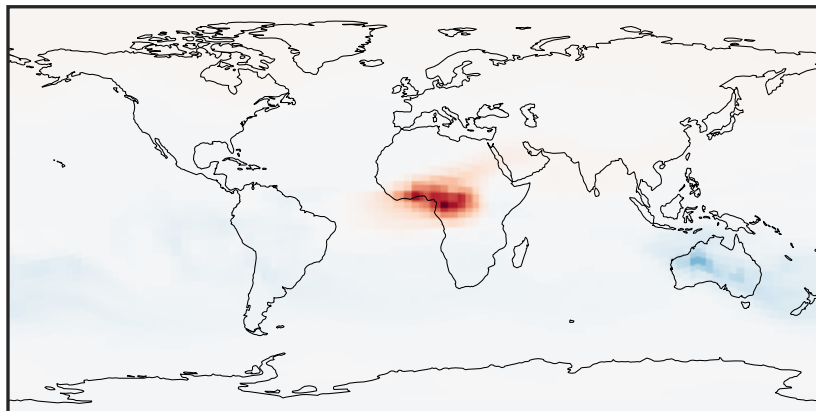
0.0049 0.0685 0.1371 0.2056 0.2791
ppb

GCHP_14.2.0 (Dev)
c24



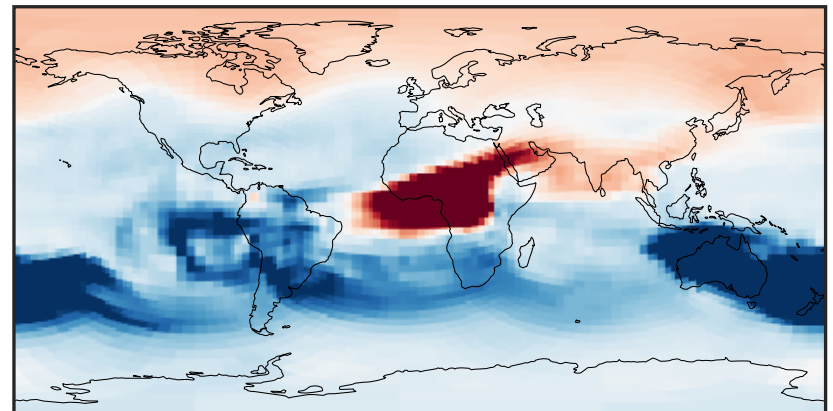
0.0049 0.0685 0.1371 0.2056 0.2791
ppb

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



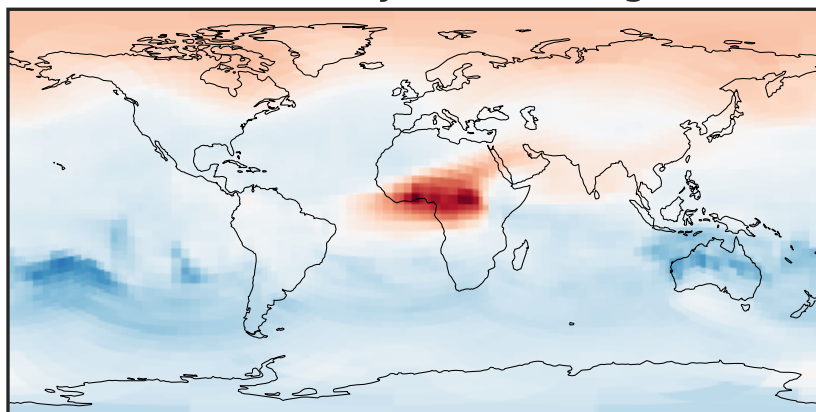
-0.1245 -0.0622 0.0000 0.0622 0.1245
ppb

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



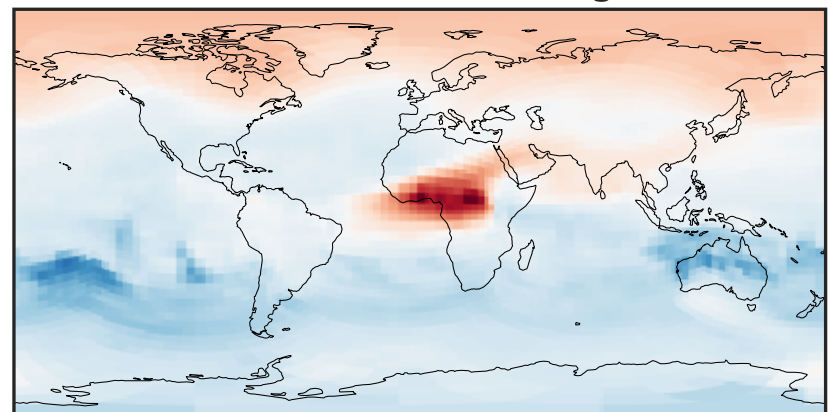
-0.005 0.000 0.005
ppb

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



0.486 0.743 1.000 1.529 2.057
unitless

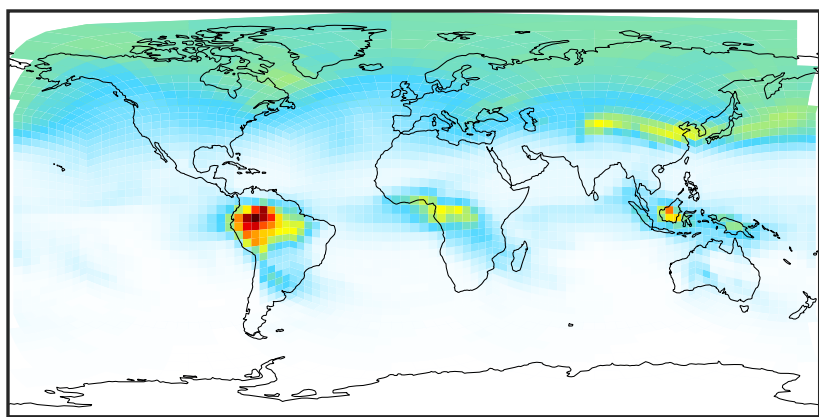
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

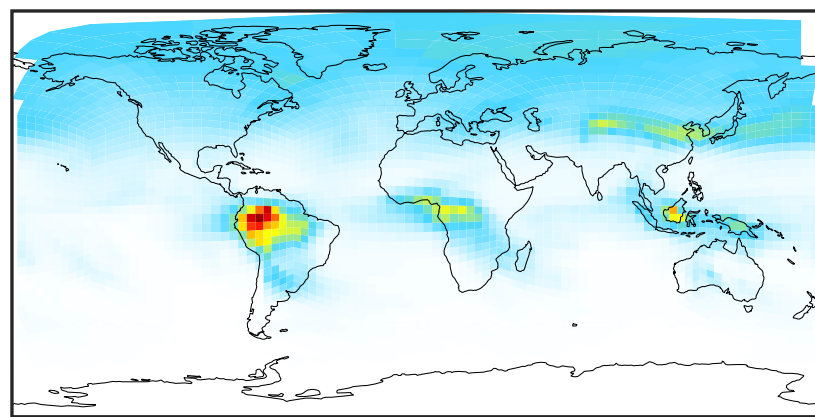
SpeciesConcVV_ALD2 (Jan2019)

GCHP_14.0.0 (Ref)
c24



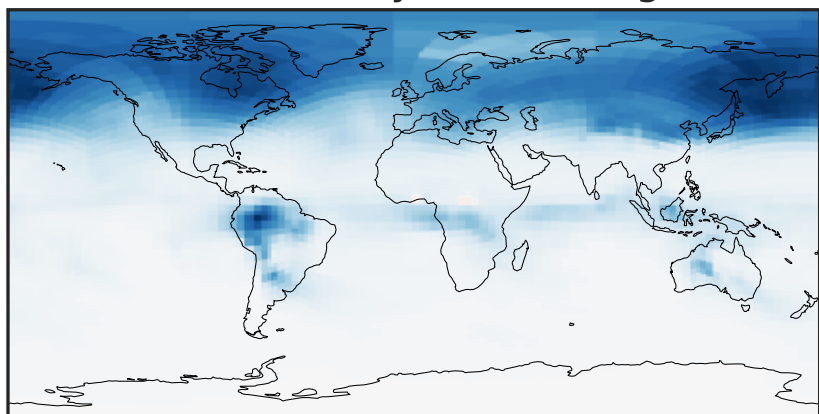
0.0002 0.0458 0.0917 0.1375 0.1836
ppb

GCHP_14.2.0 (Dev)
c24



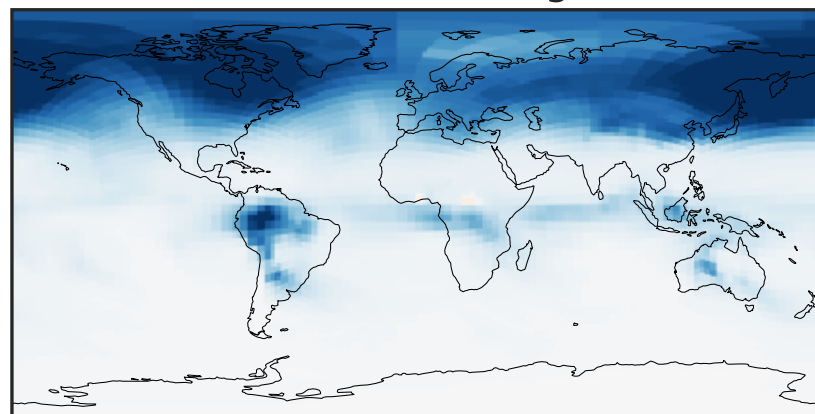
0.0002 0.0458 0.0917 0.1375 0.1836
ppb

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



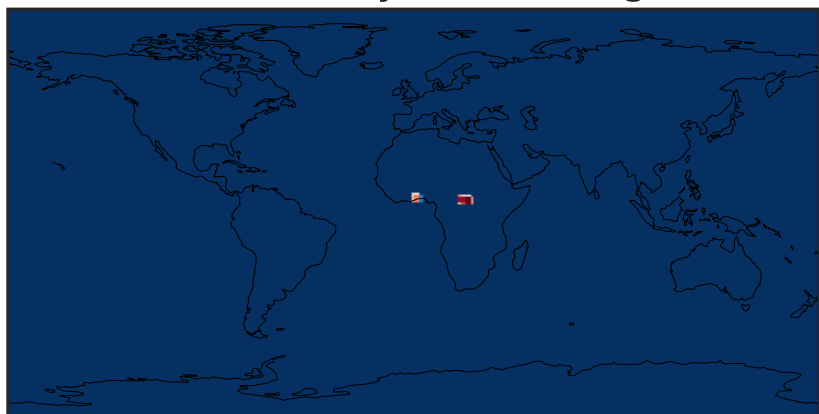
-0.01 0.00 0.01
ppb

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



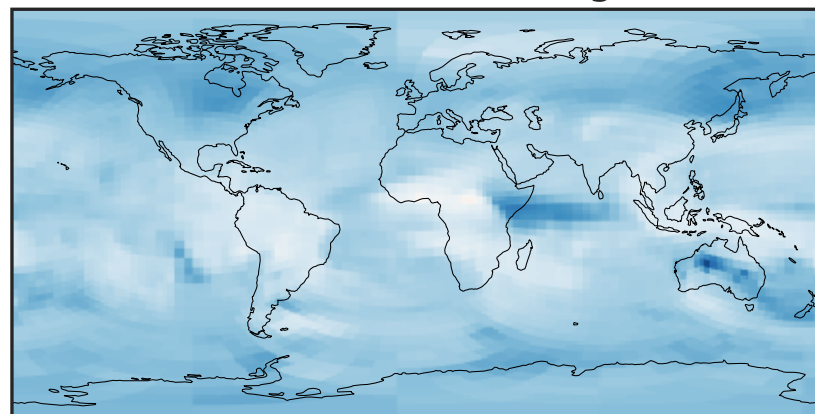
-0.01 0.00 0.01
ppb

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



0.97563 0.98782 1.00000 1.01249 1.02498
unitless

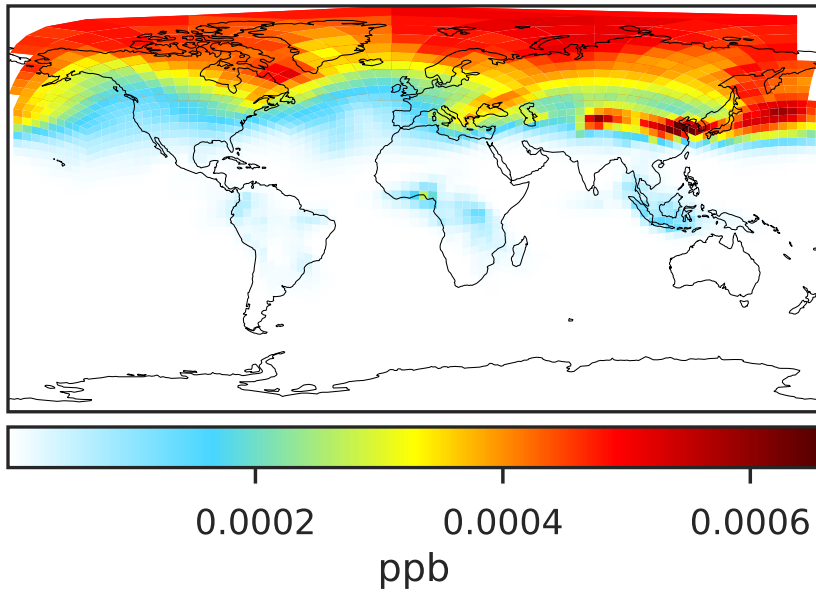
Ratio (1x1.25)
Dev/Ref, Fixed Range



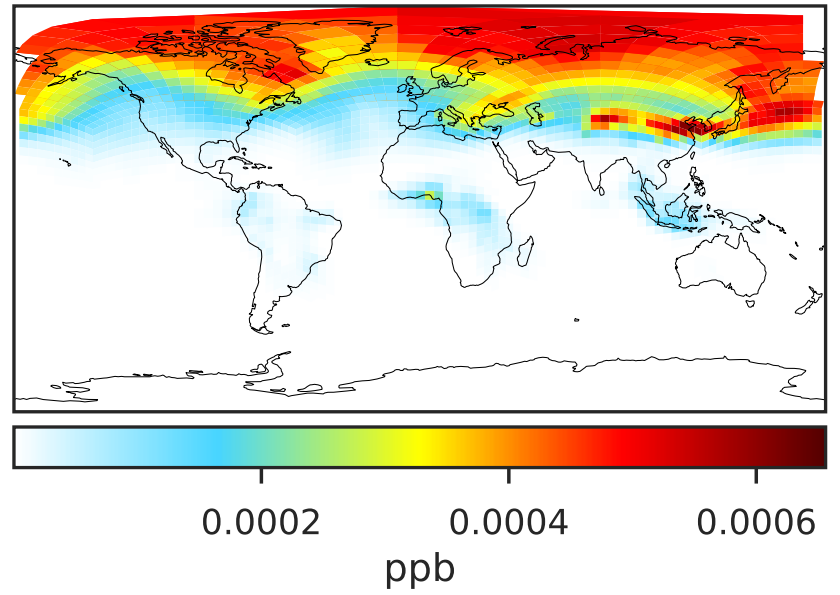
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_BALD (Jan2019)

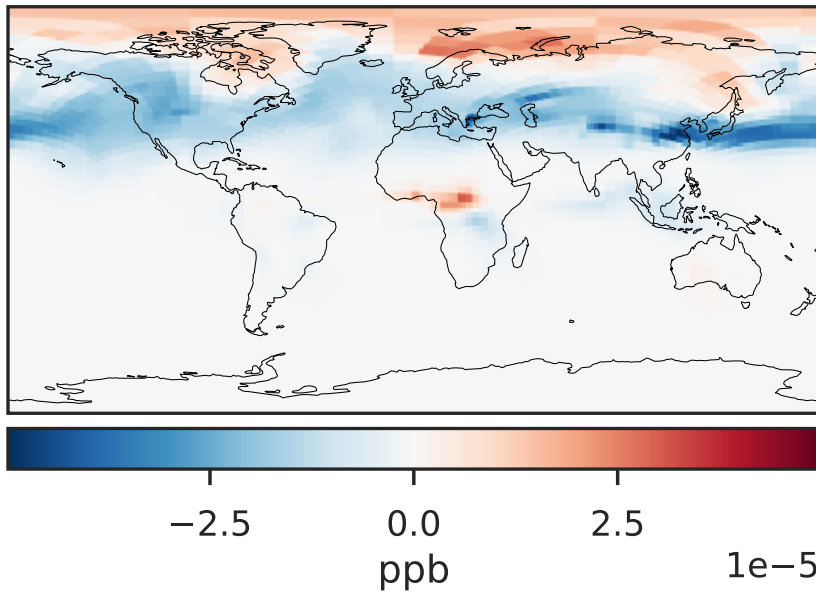
GCHP_14.0.0 (Ref)
c24



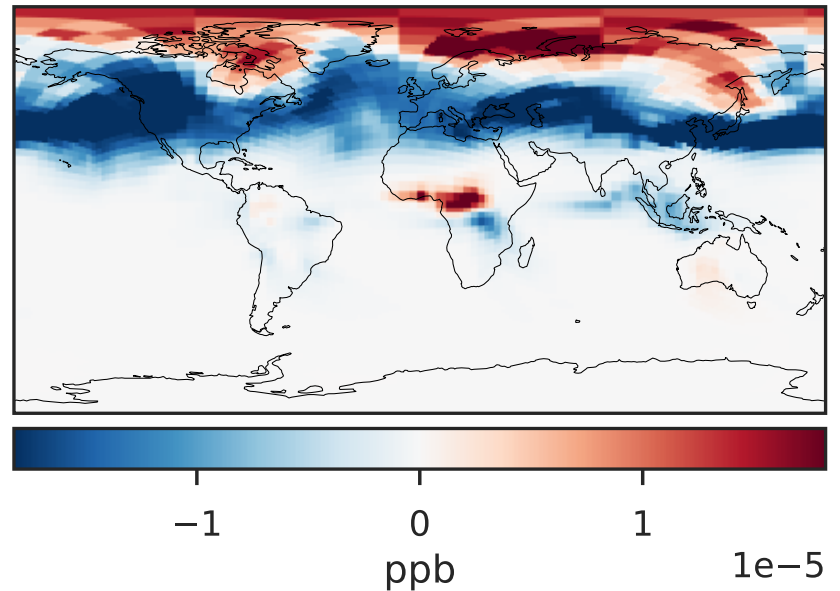
GCHP_14.2.0 (Dev)
c24



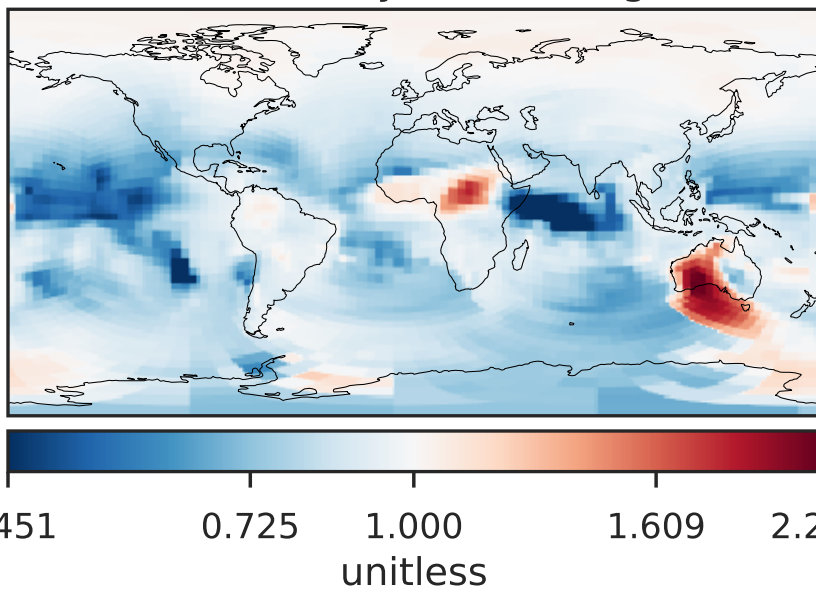
Difference (1x1.25)
Dev - Ref, Dynamic Range



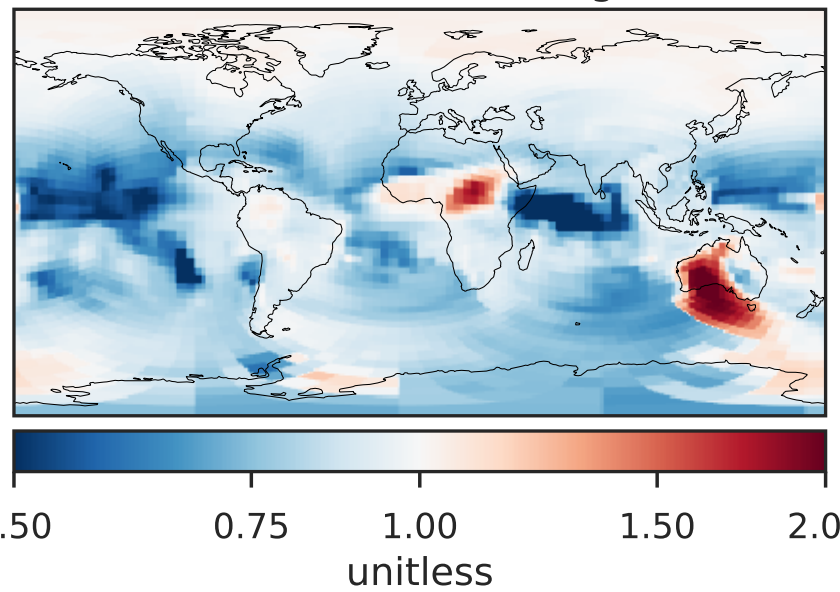
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

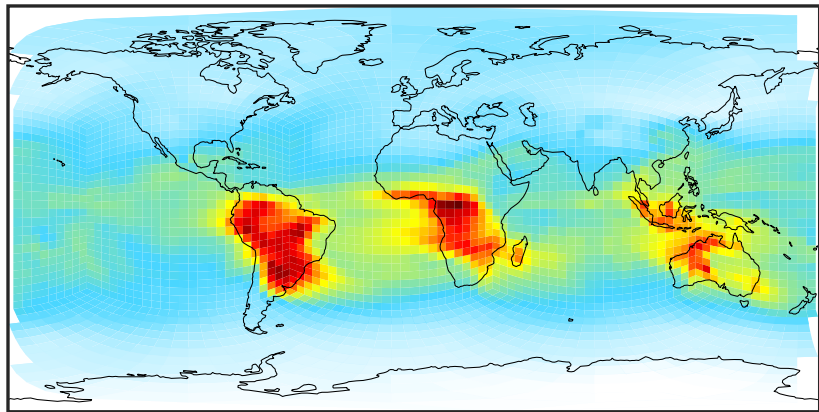


Ratio (1x1.25)
Dev/Ref, Fixed Range



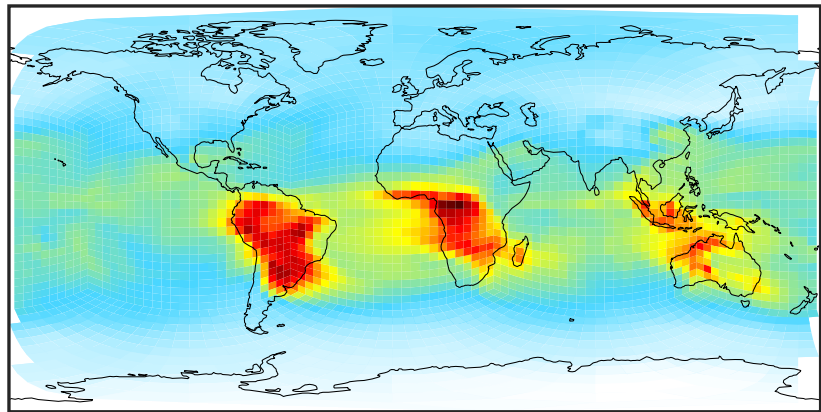
SpeciesConcVV_CH20 (Jan2019)

GCHP_14.0.0 (Ref)
c24



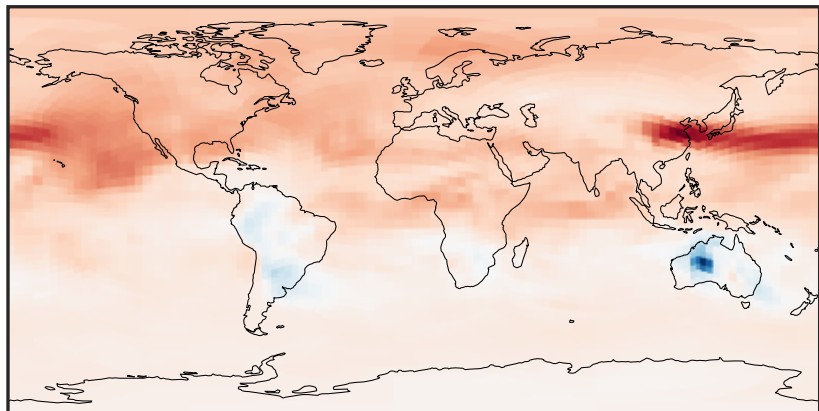
0.0137 0.0946 0.1891 0.2837 0.3920
ppb

GCHP_14.2.0 (Dev)
c24



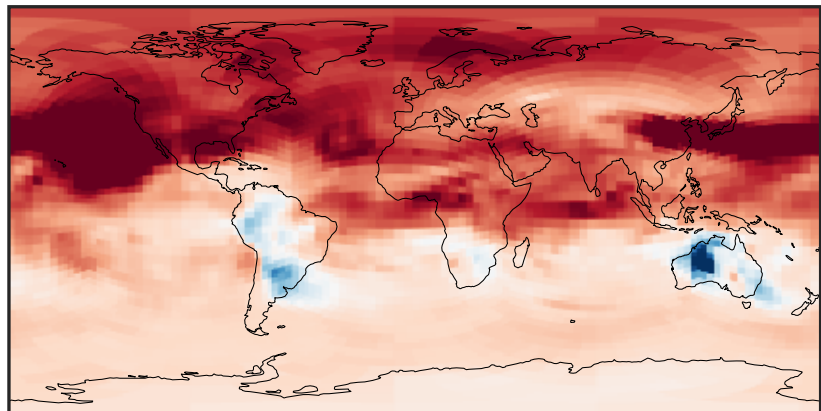
0.0137 0.0946 0.1891 0.2837 0.3920
ppb

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



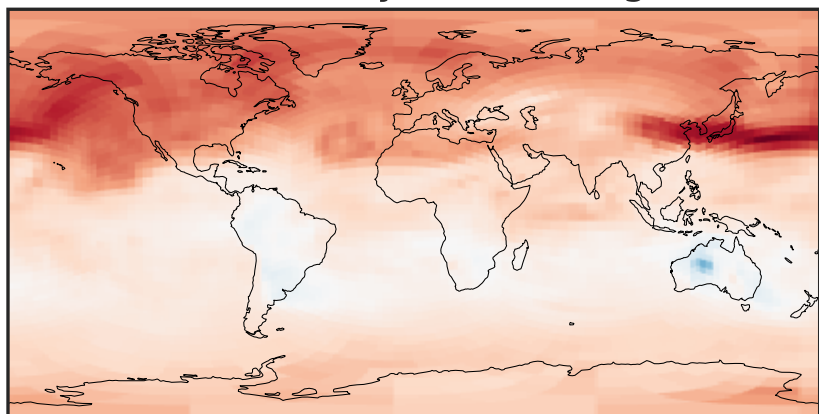
-0.02 0.00 0.02
ppb

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



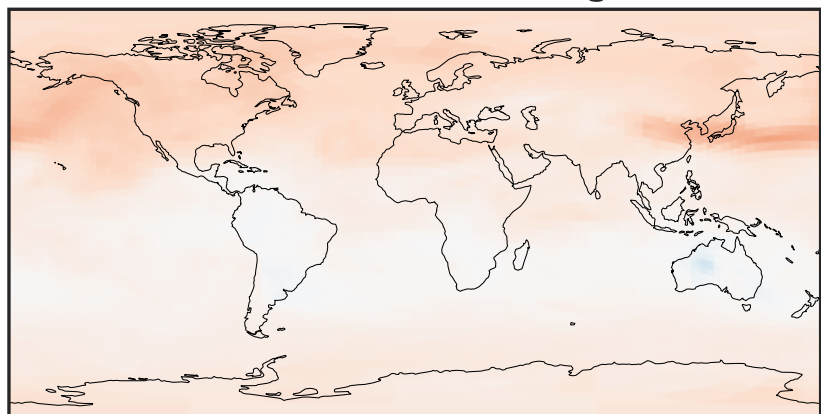
-0.008 0.000 0.008
ppb

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



0.7582 0.8791 1.0000 1.1595 1.3189
unitless

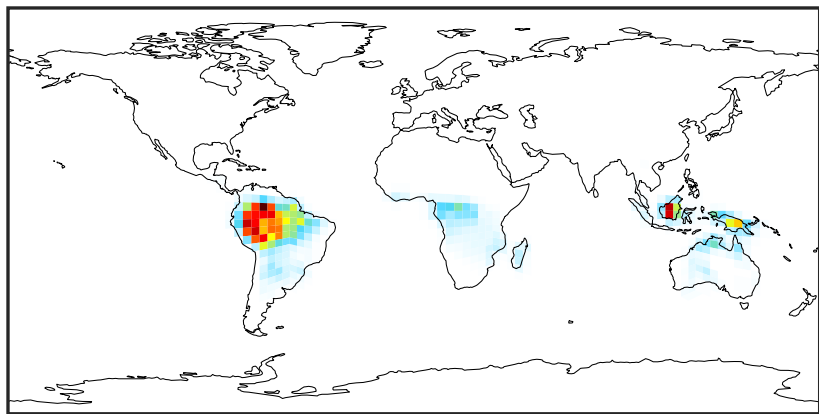
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

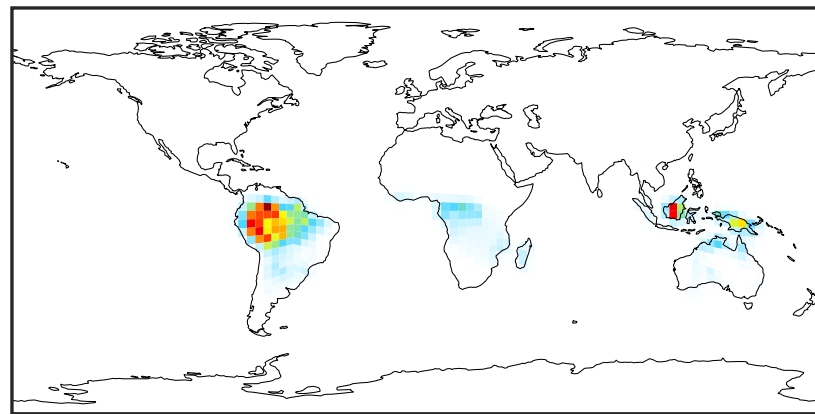
SpeciesConcVV_HPALDs (Jan2019)

GCHP_14.0.0 (Ref)
c24



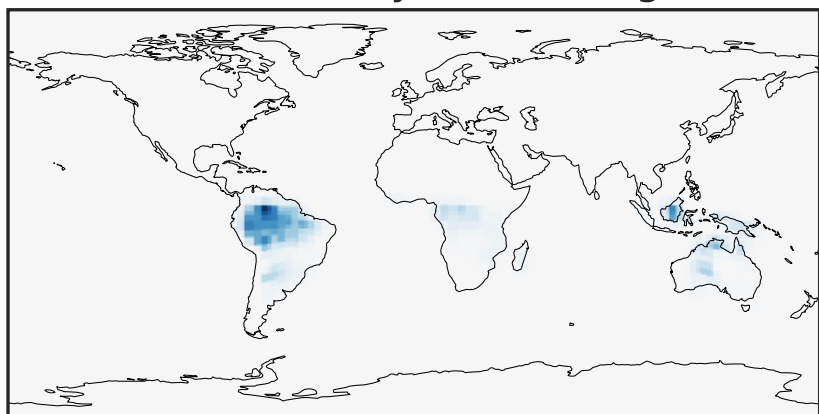
0.0000 0.0015 0.0030 0.0045
ppb

GCHP_14.2.0 (Dev)
c24



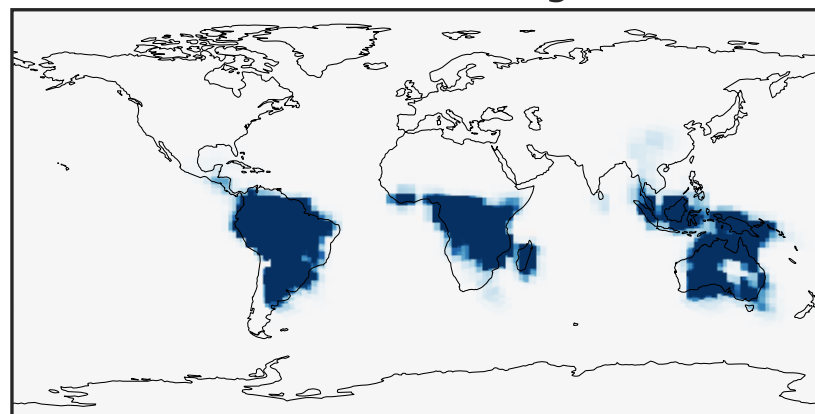
0.0000 0.0015 0.0030 0.0045
ppb

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



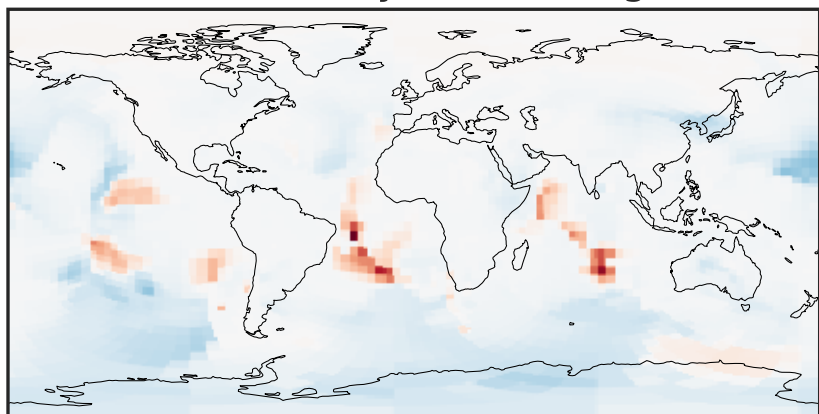
-0.0004 0.0000 0.0004
ppb

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



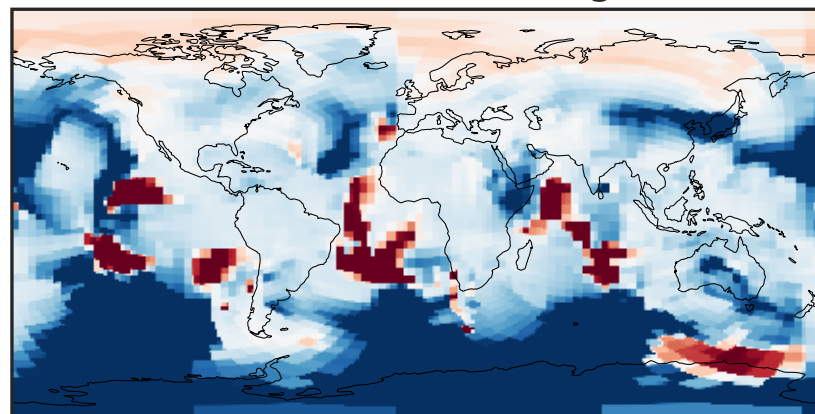
-5 0 5
ppb 1e-6

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



unitless

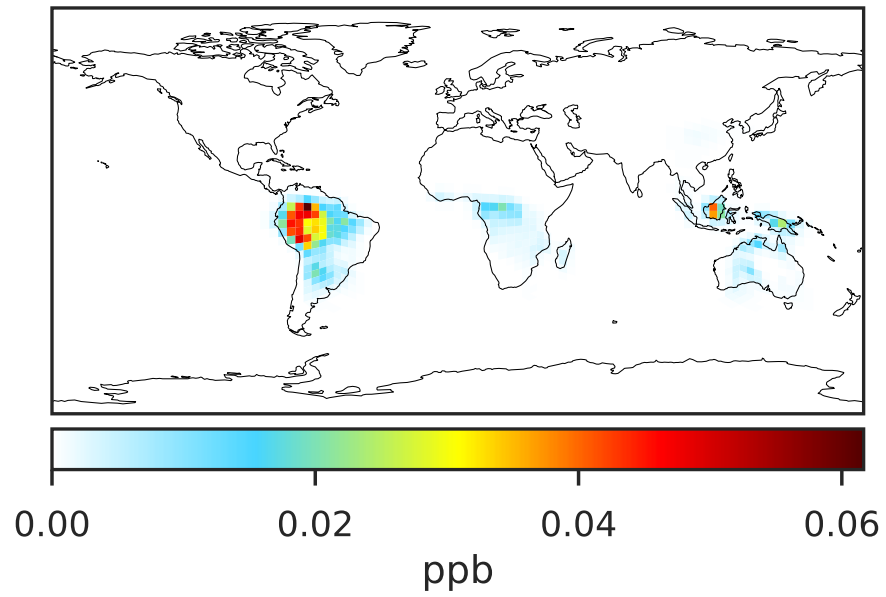
Ratio (1x1.25)
Dev/Ref, Fixed Range



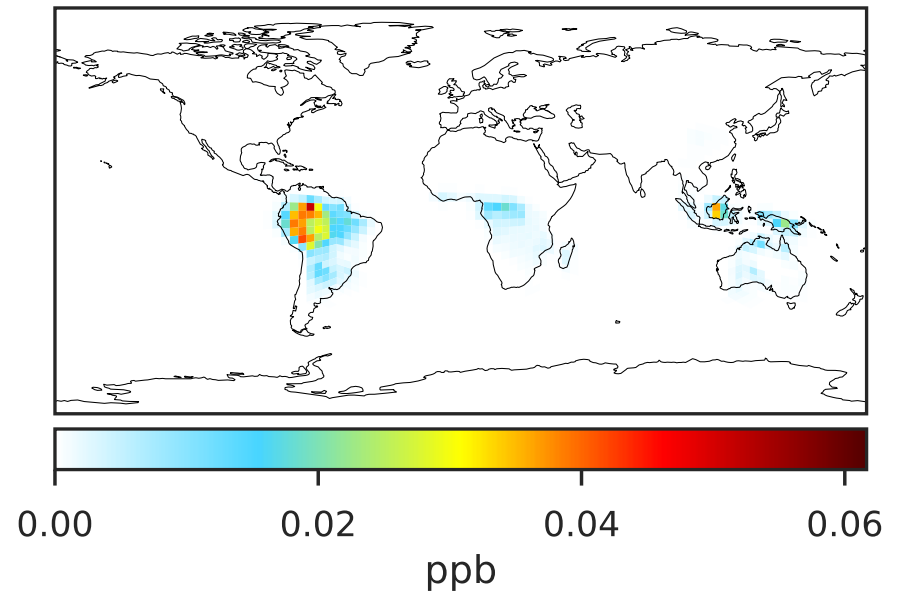
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_MACR (Jan2019)

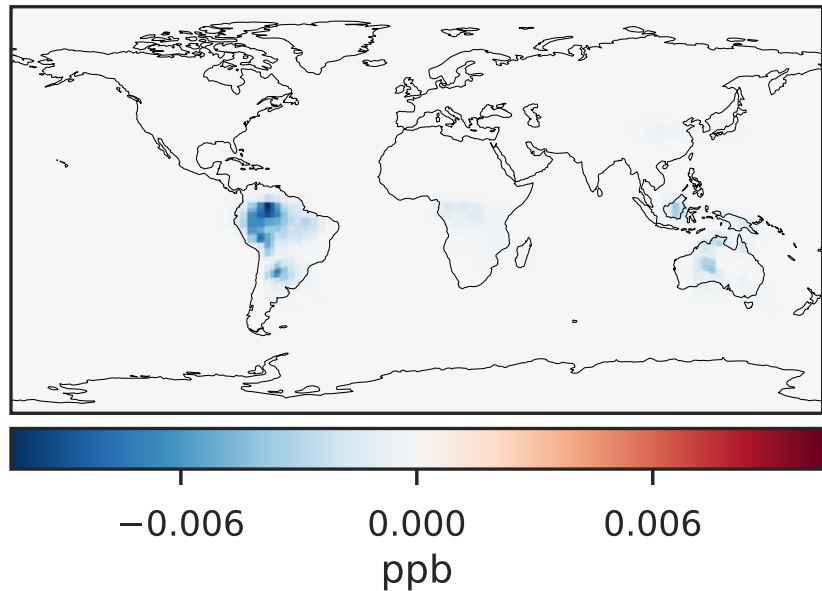
GCHP_14.0.0 (Ref)
c24



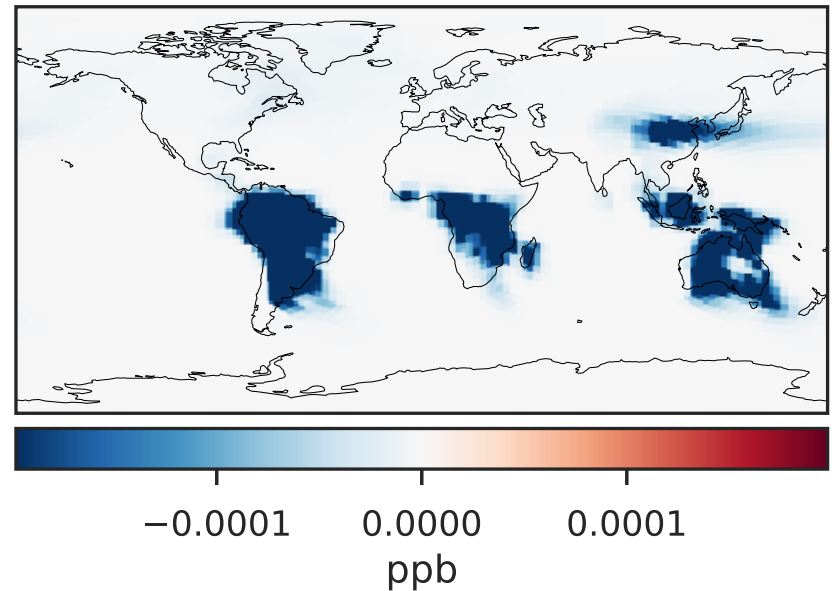
GCHP_14.2.0 (Dev)
c24



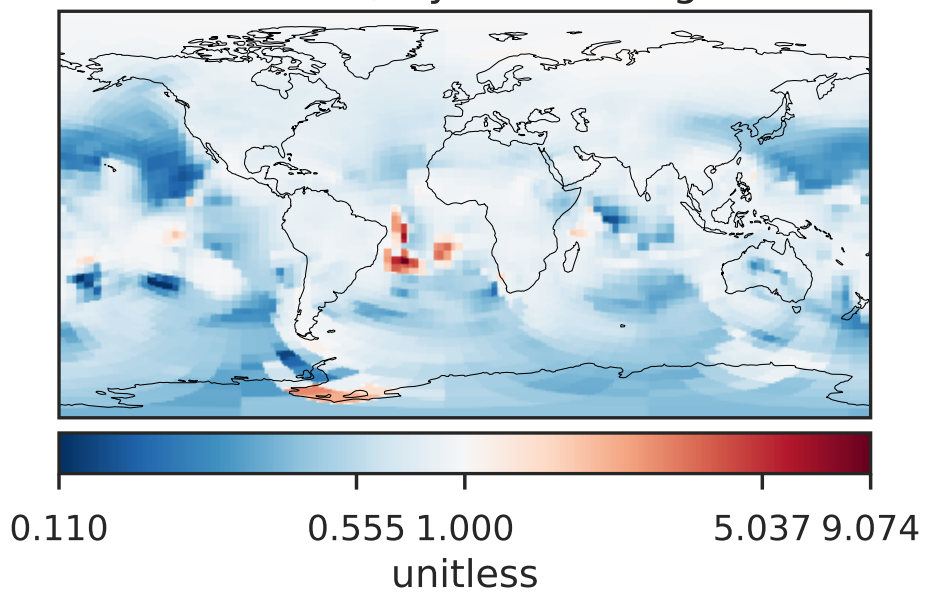
Difference (1x1.25)
Dev - Ref, Dynamic Range



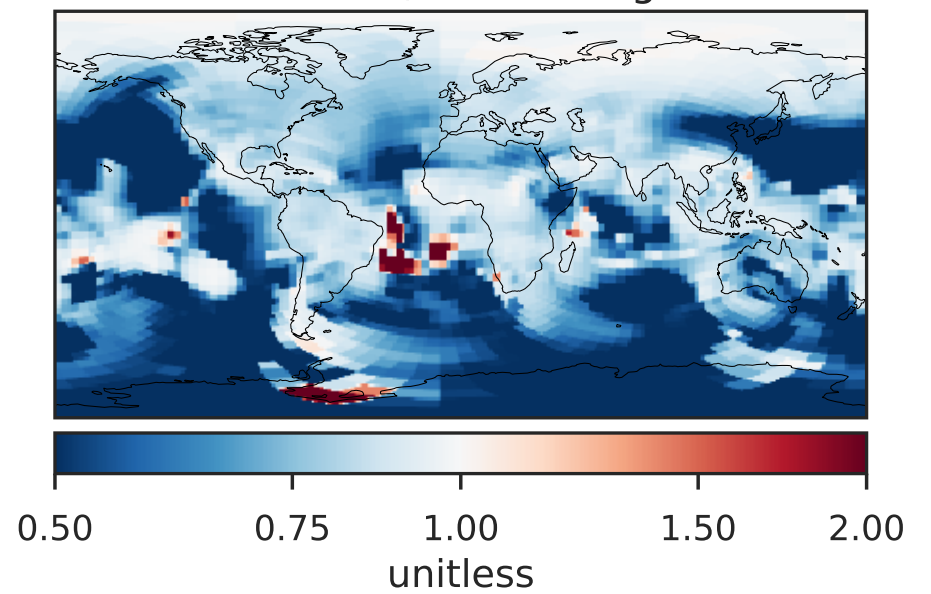
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

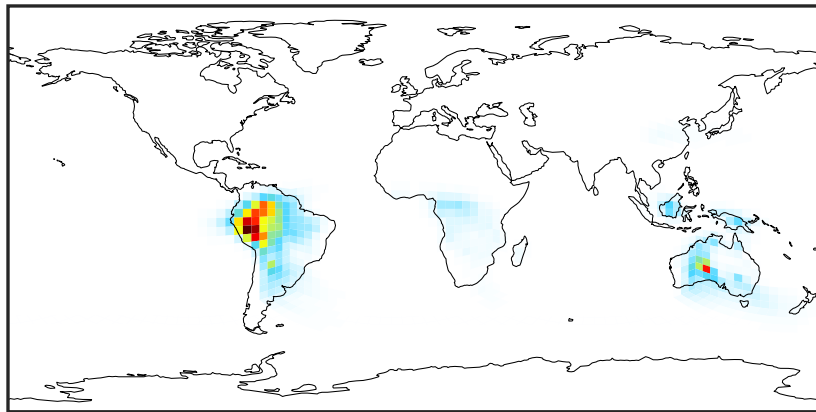


Ratio (1x1.25)
Dev/Ref, Fixed Range



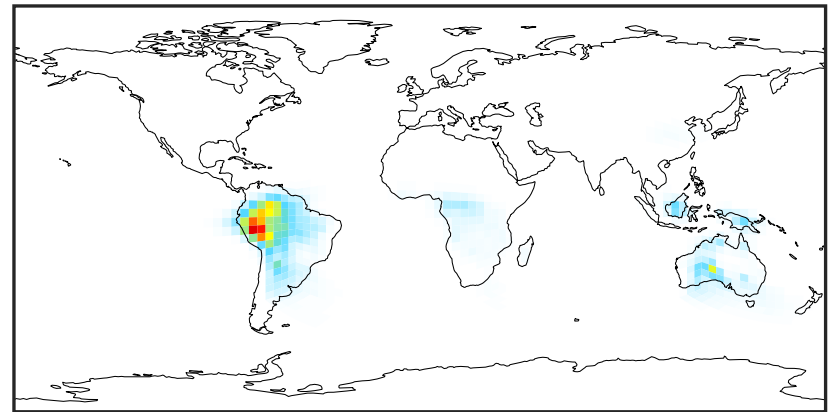
SpeciesConcVV_IEPOX (Jan2019)

GCHP_14.0.0 (Ref)
c24



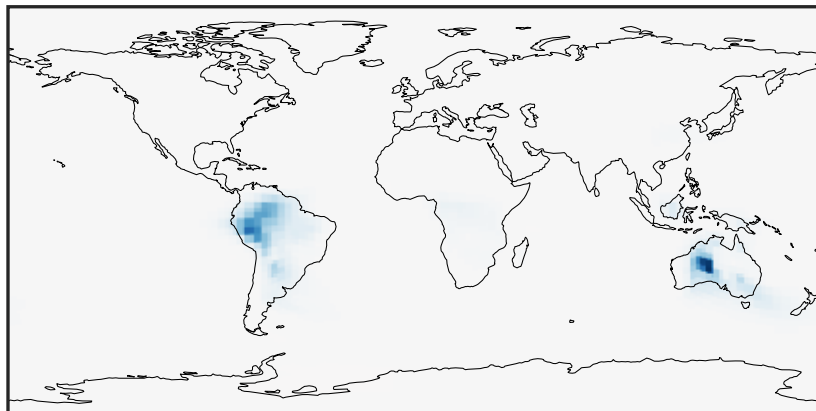
0.0000 0.0269 0.0538 0.0807 0.1075
ppb

GCHP_14.2.0 (Dev)
c24



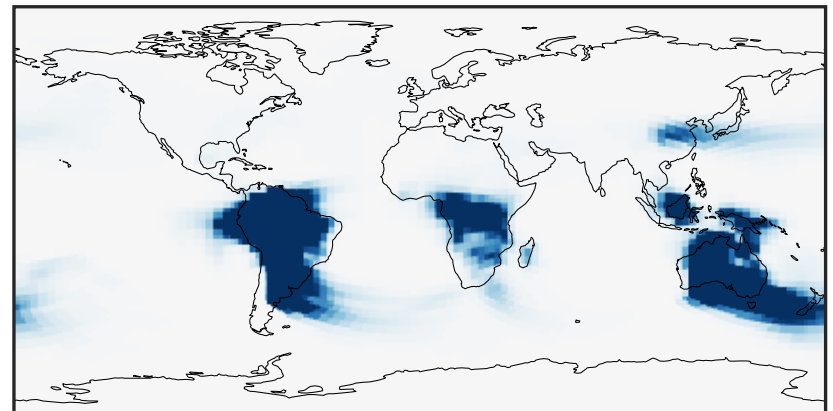
0.0000 0.0269 0.0538 0.0807 0.1075
ppb

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



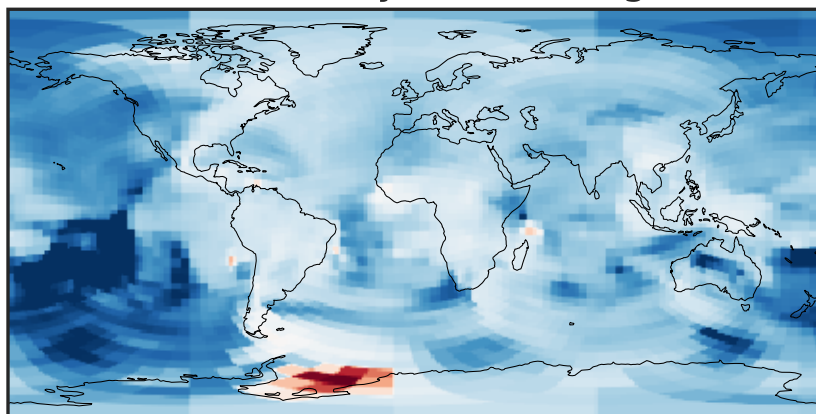
-0.015 0.000 0.015
ppb

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



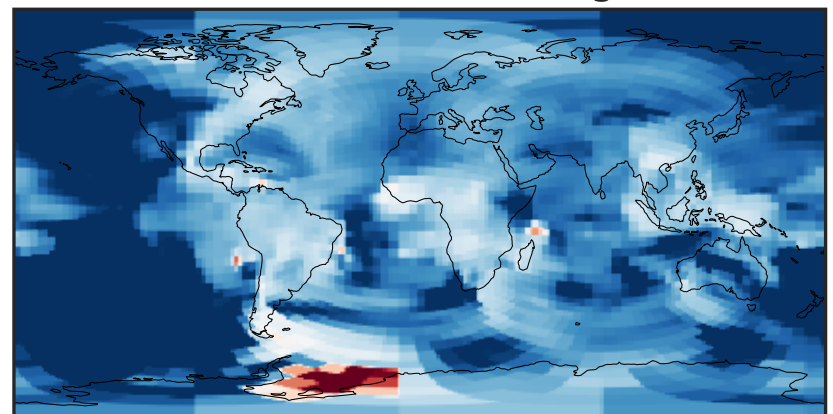
-0.0004 0.0000 0.0004
ppb

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



0.289 0.644 1.000 2.230 3.461
unitless

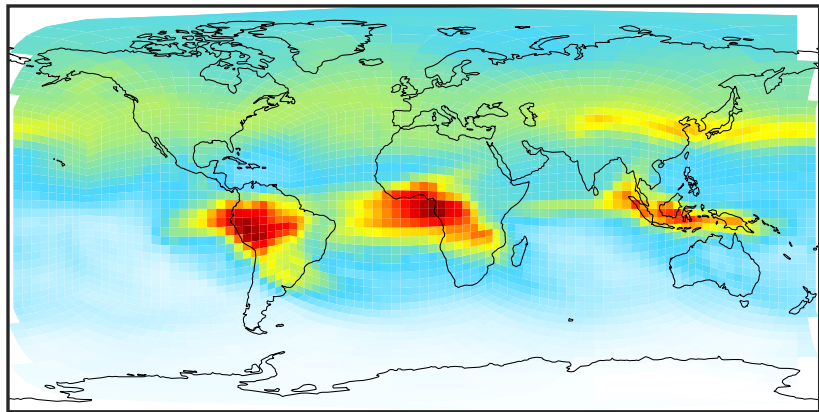
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

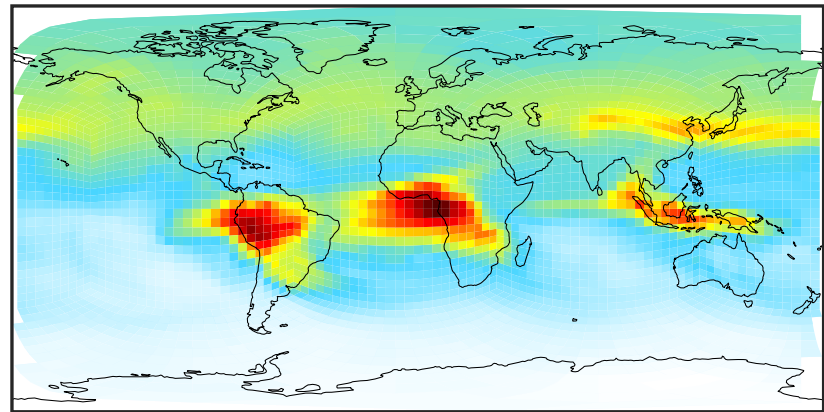
SpeciesConcVV_ACET (Jan2019)

GCHP_14.0.0 (Ref)
c24



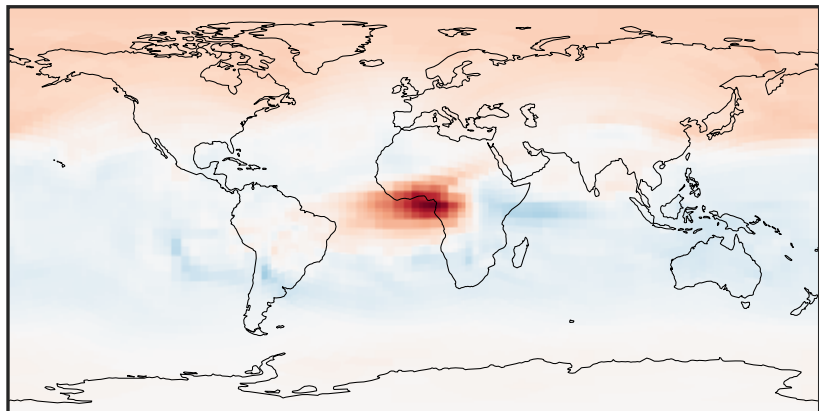
0.138 0.377 0.755 1.132 1.647
ppb

GCHP_14.2.0 (Dev)
c24



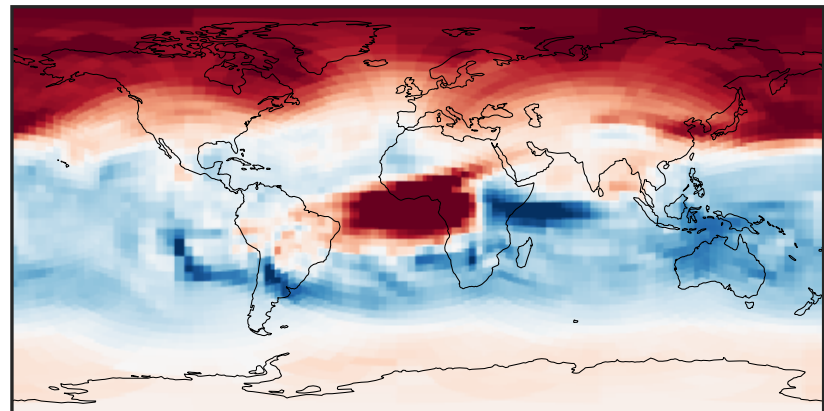
0.138 0.377 0.755 1.132 1.647
ppb

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



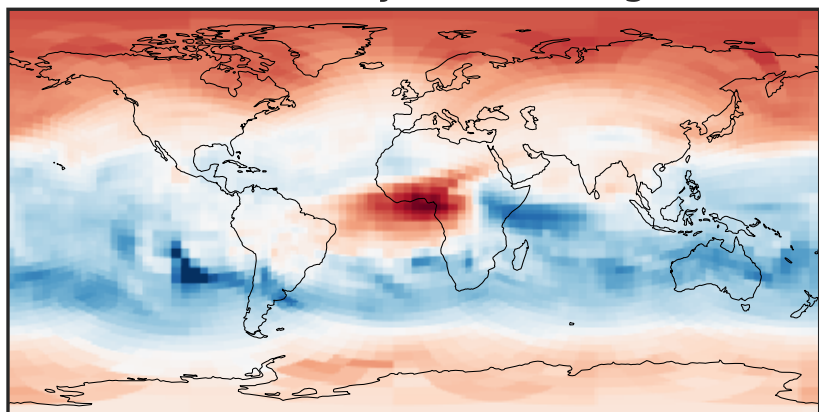
-0.1618 -0.0809 0.0000 0.0809 0.1618
ppb

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



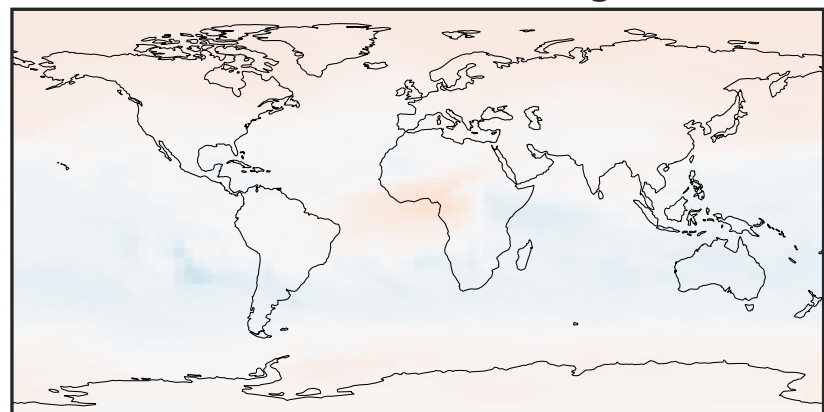
-0.02 0.00 0.02
ppb

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



0.9018 0.9509 1.0000 1.0545 1.1089
unitless

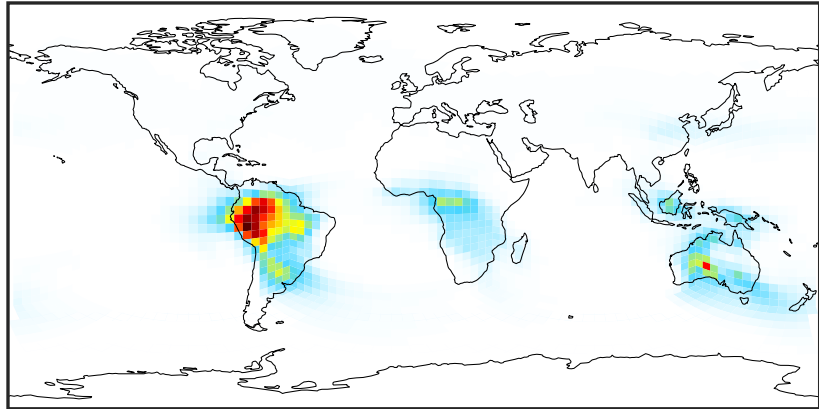
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

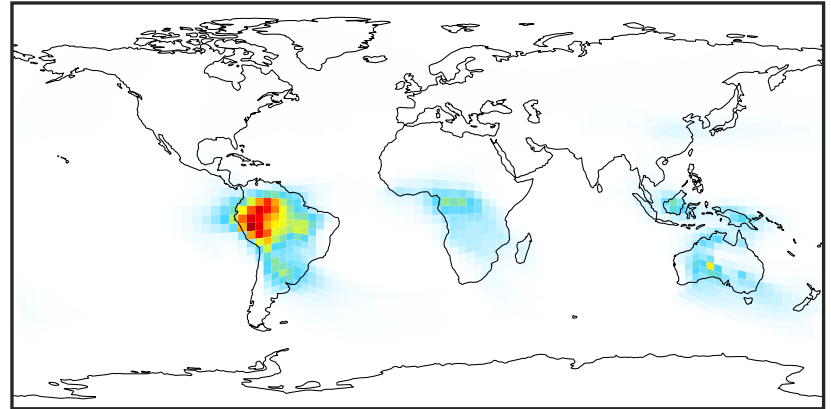
SpeciesConcVV_HAC (Jan2019)

GCHP_14.0.0 (Ref)
c24



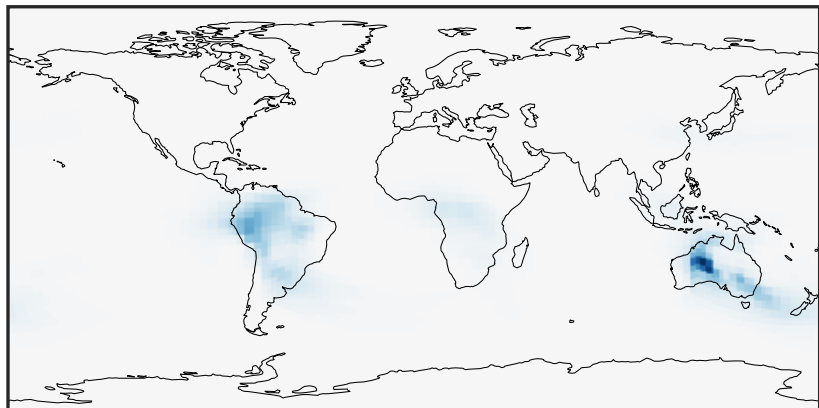
0.0000 0.0464 0.0928 0.1393 0.1857
ppb

GCHP_14.2.0 (Dev)
c24



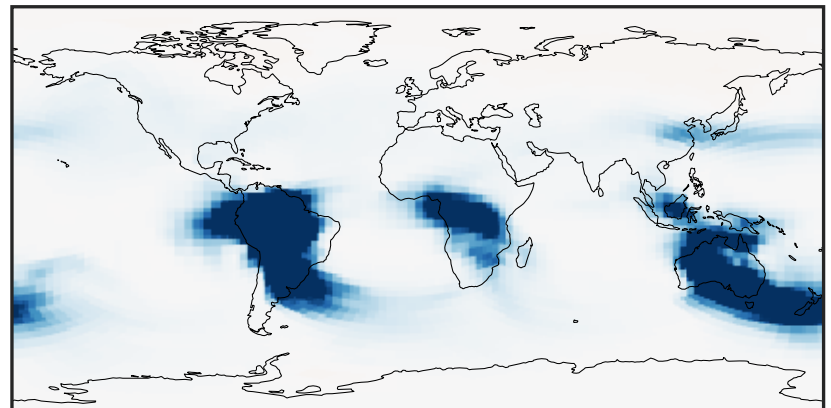
0.0000 0.0464 0.0928 0.1393 0.1857
ppb

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



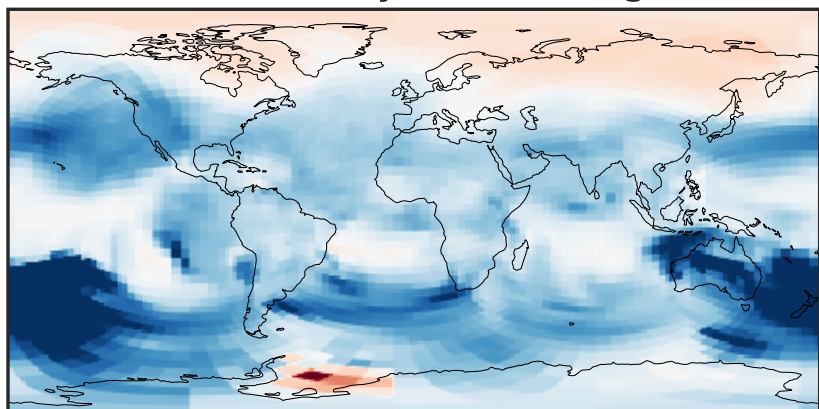
-0.025 0.000 0.025
ppb

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



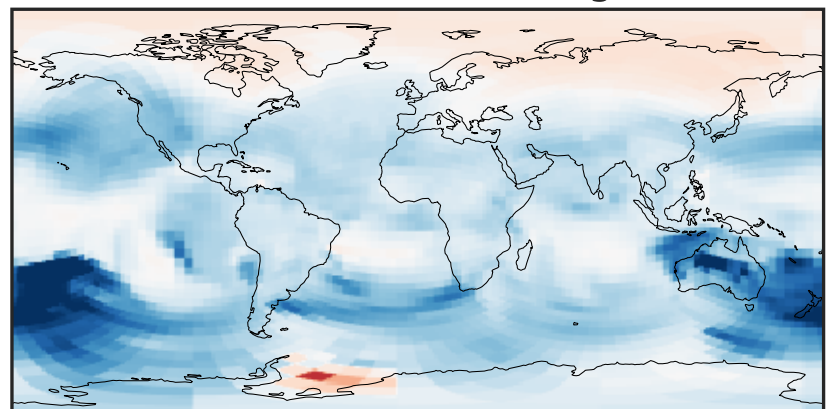
-0.002 0.000 0.002
ppb

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



0.603 0.802 1.000 1.329 1.658
unitless

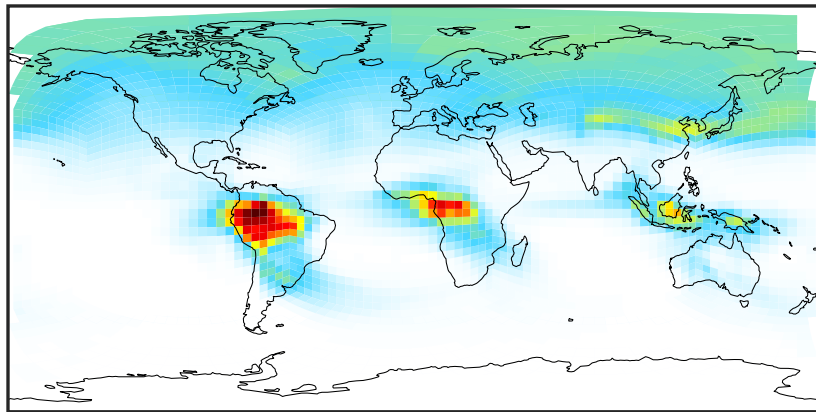
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

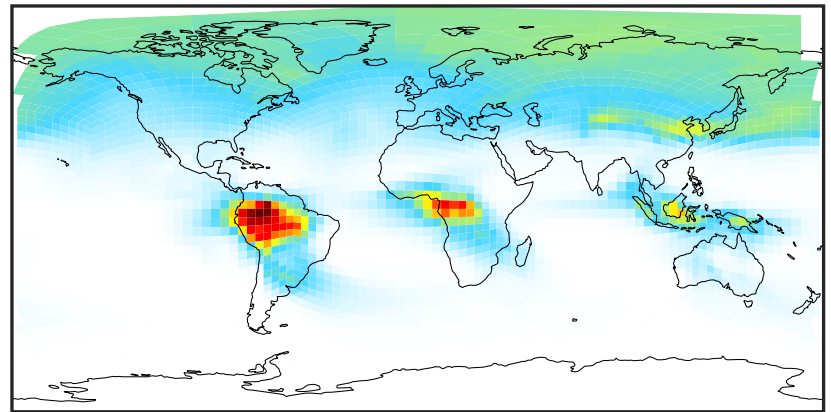
SpeciesConcVV_MEK (Jan2019)

GCHP_14.0.0 (Ref)
c24



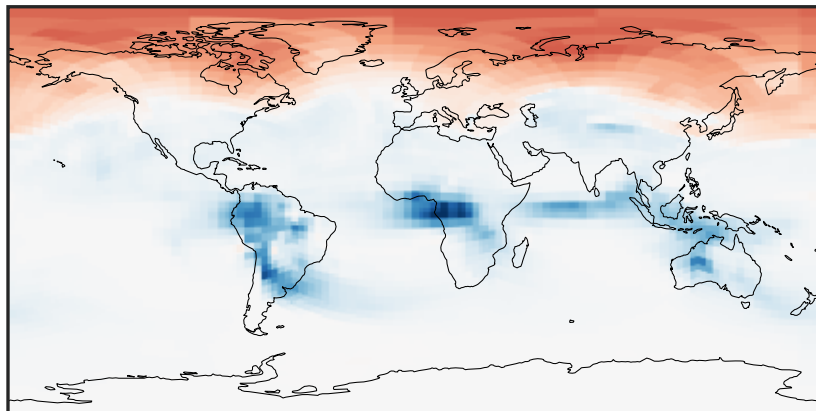
0.0000 0.0478 0.0957 0.1435 0.1913
ppb

GCHP_14.2.0 (Dev)
c24



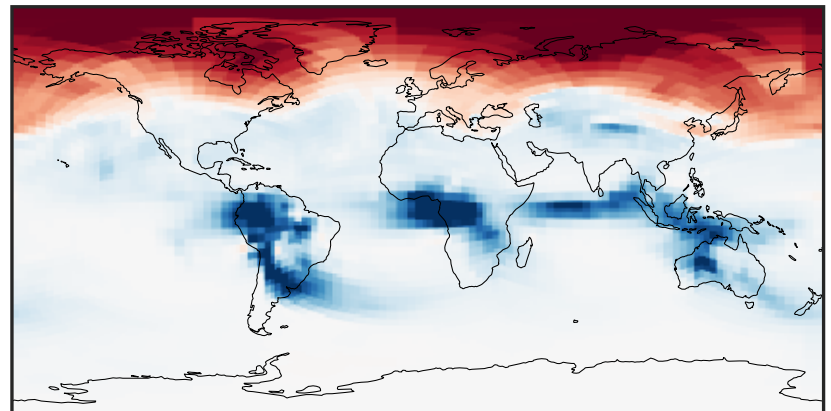
0.0000 0.0478 0.0957 0.1435 0.1913
ppb

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



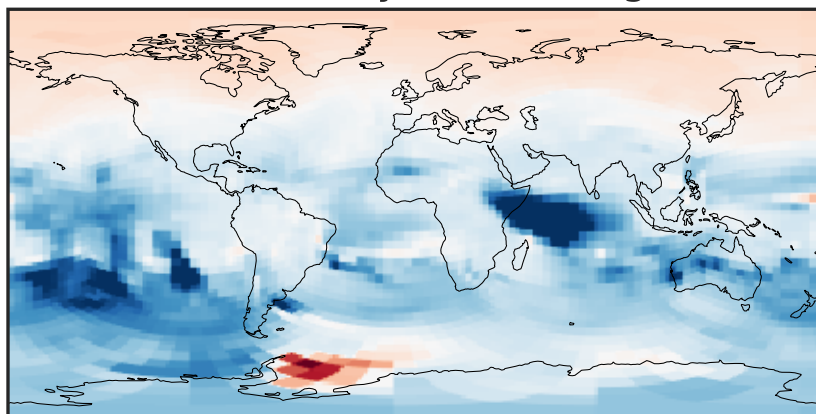
-0.004 0.000 0.004
ppb

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



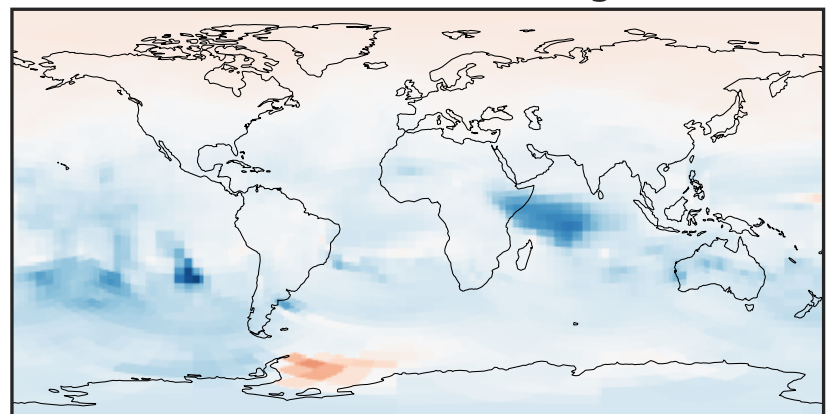
-0.002 0.000 0.002
ppb

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



0.7372 0.8686 1.0000 1.1783 1.3565
unitless

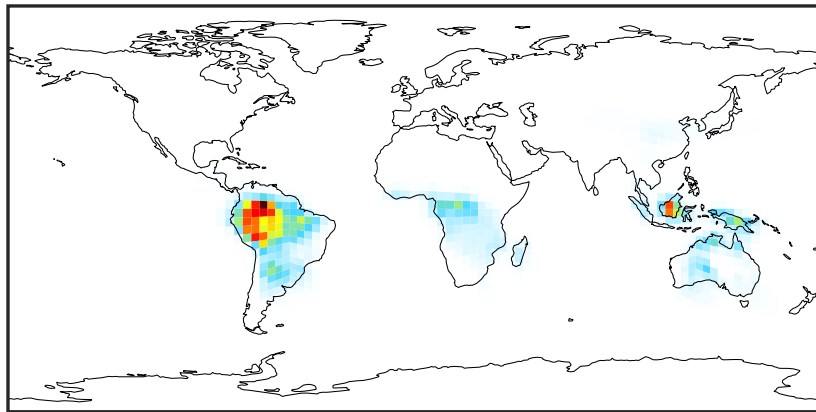
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

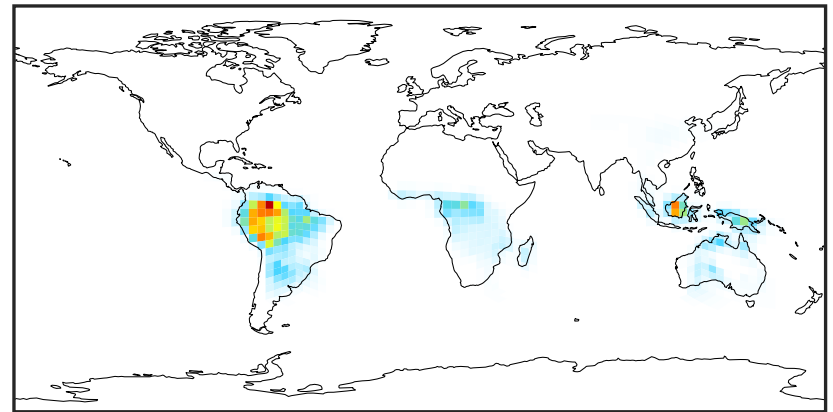
SpeciesConcVV_MVK (Jan2019)

GCHP_14.0.0 (Ref)
c24



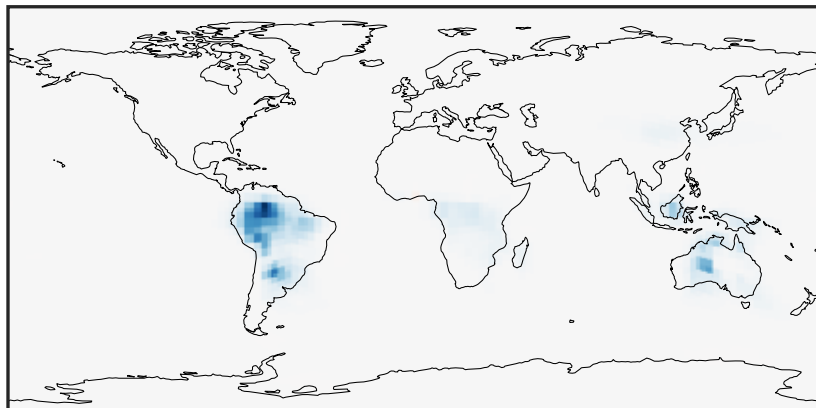
0.0000 0.0262 0.0523 0.0785 0.1047
ppb

GCHP_14.2.0 (Dev)
c24



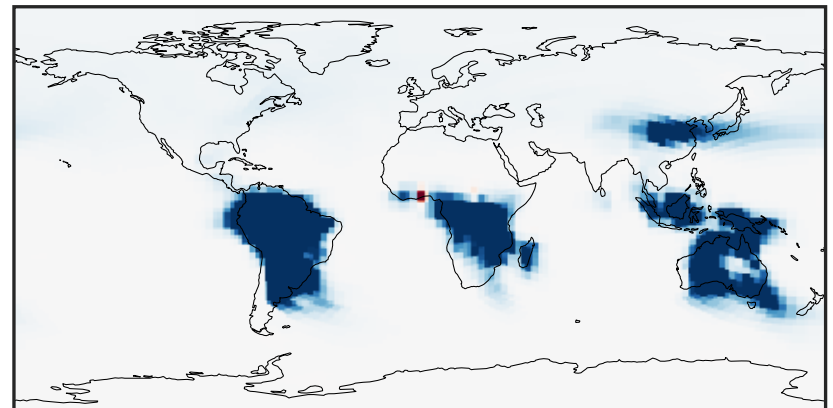
0.0000 0.0262 0.0523 0.0785 0.1047
ppb

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



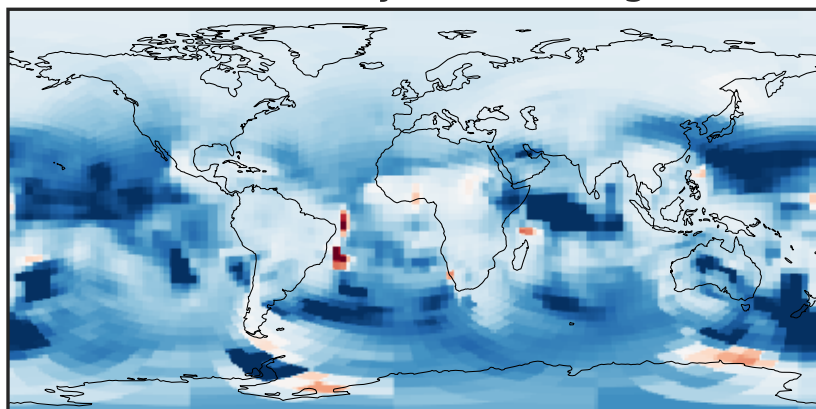
-0.01 0.00 0.01
ppb

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



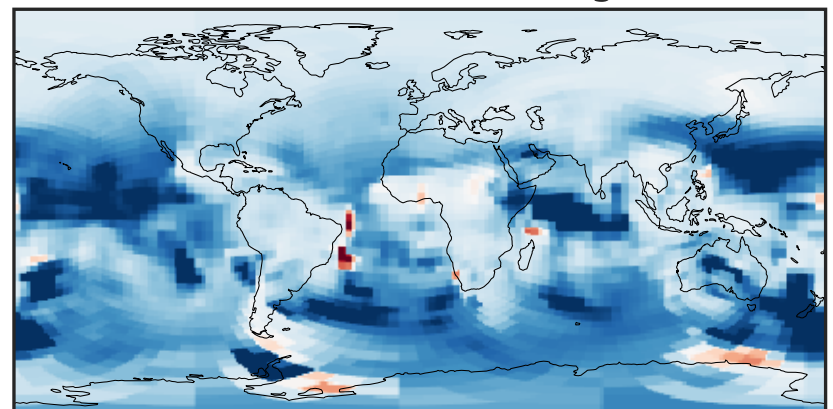
-0.00025 0.00000 0.00025
ppb

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



0.478 0.739 1.000 1.546 2.092
unitless

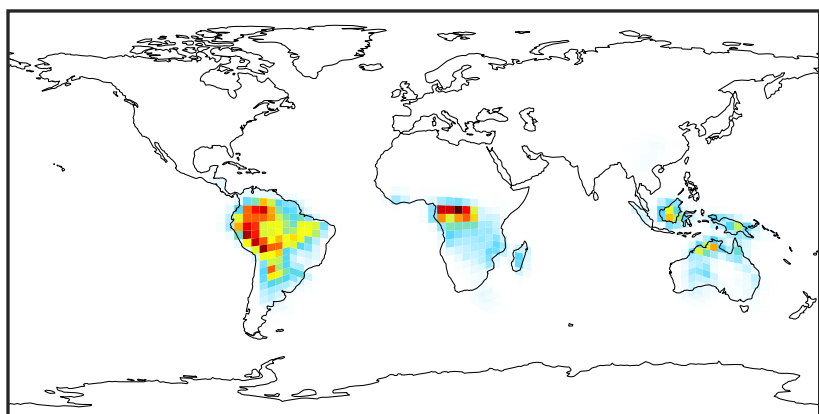
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

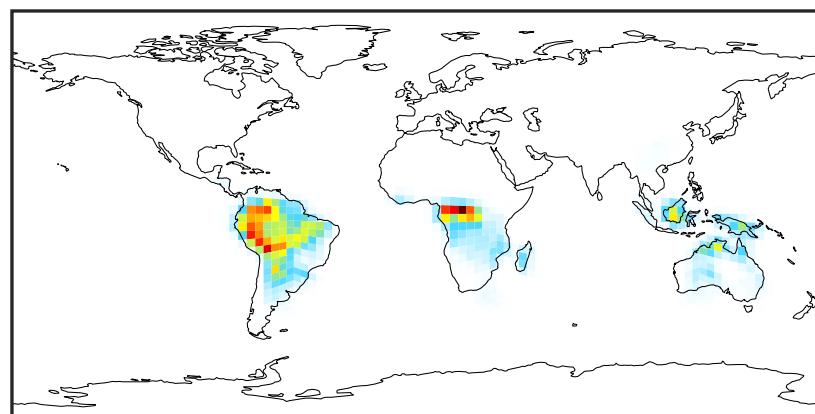
SpeciesConcVV_ISOPN (Jan2019)

GCHP_14.0.0 (Ref)
c24



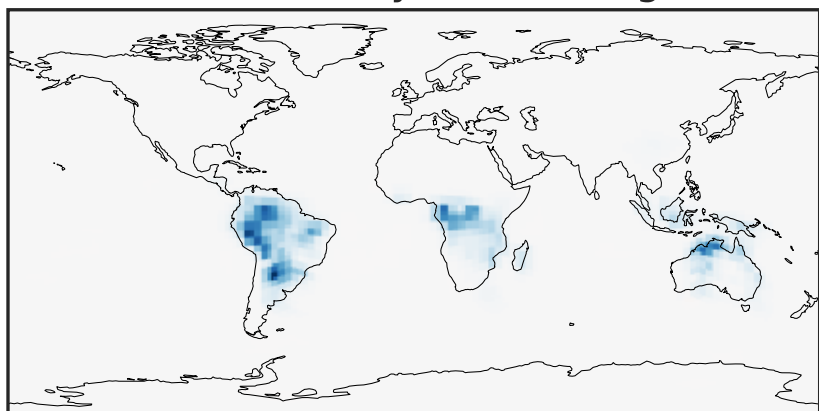
0.0000 0.0003 0.0006 0.0009
ppb

GCHP_14.2.0 (Dev)
c24



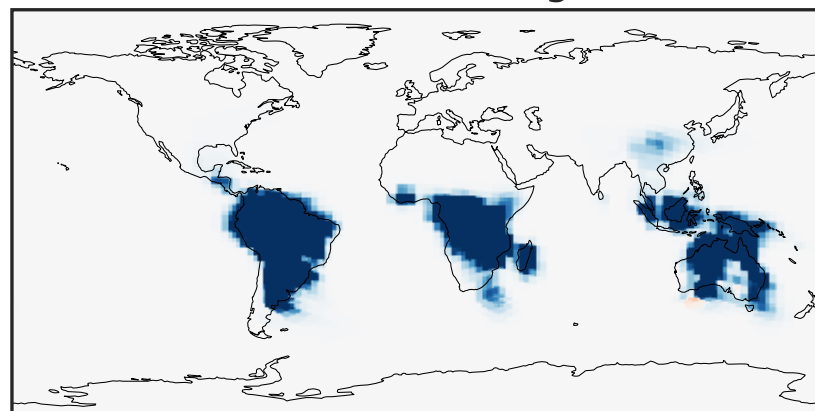
0.0000 0.0003 0.0006 0.0009
ppb

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



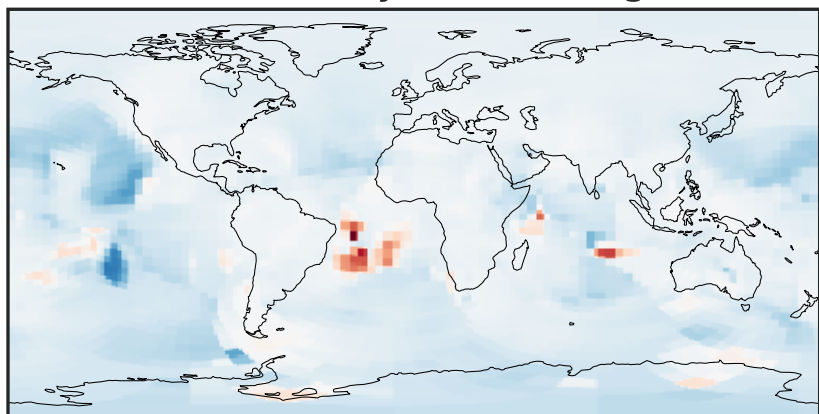
-0.0001 0.0000 0.0001
ppb

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



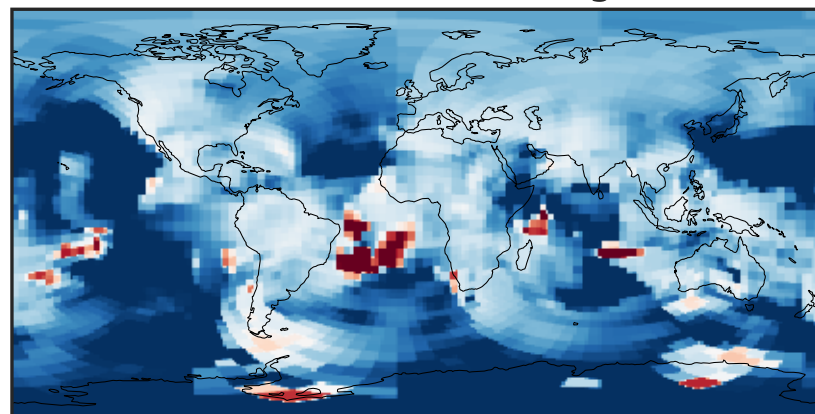
-4 0 4
ppb 1e-6

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

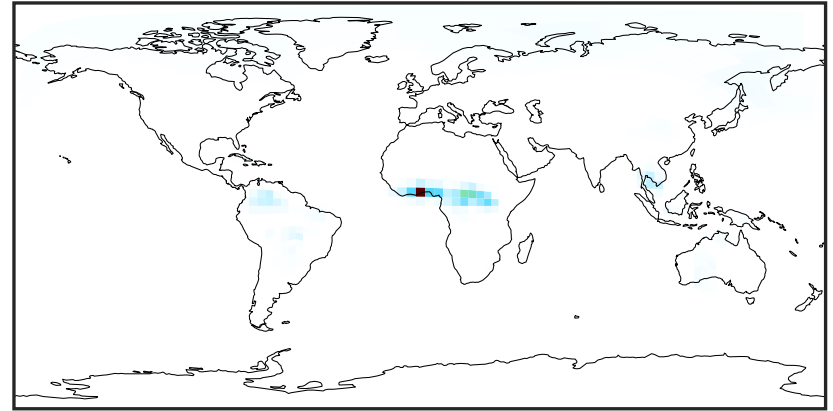
SpeciesConcVV_FURA (Jan2019)

GCHP_14.0.0 (Ref)
c24



Undefined throughout domain
ppb

GCHP_14.2.0 (Dev)
c24



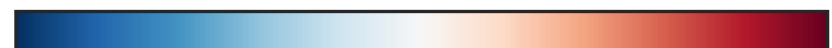
0.0000 0.0004 0.0008 0.0012
ppb

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



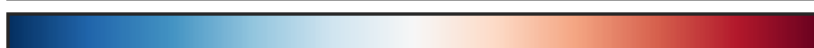
Undefined throughout domain
ppb

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



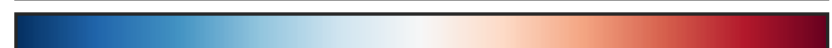
Undefined throughout domain
ppb

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



Undefined throughout domain
unitless

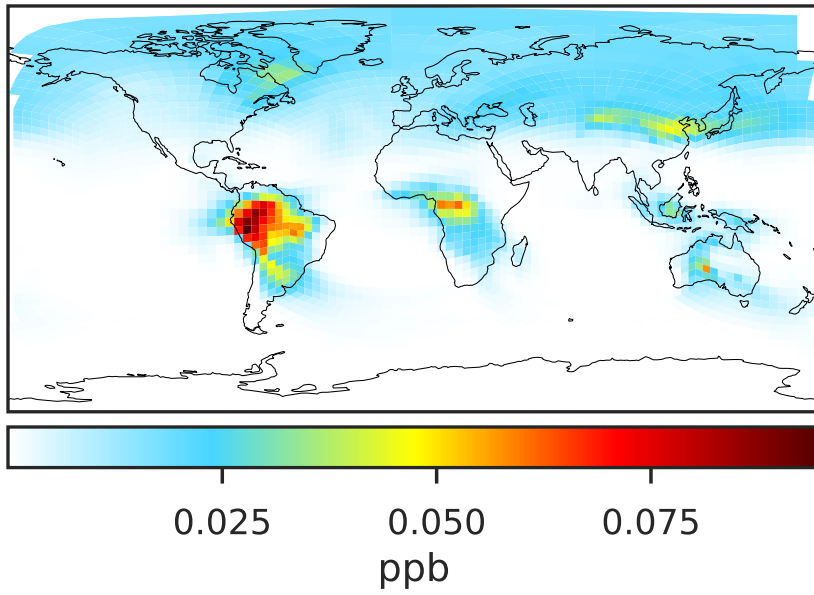
Ratio (1x1.25)
Dev/Ref, Fixed Range



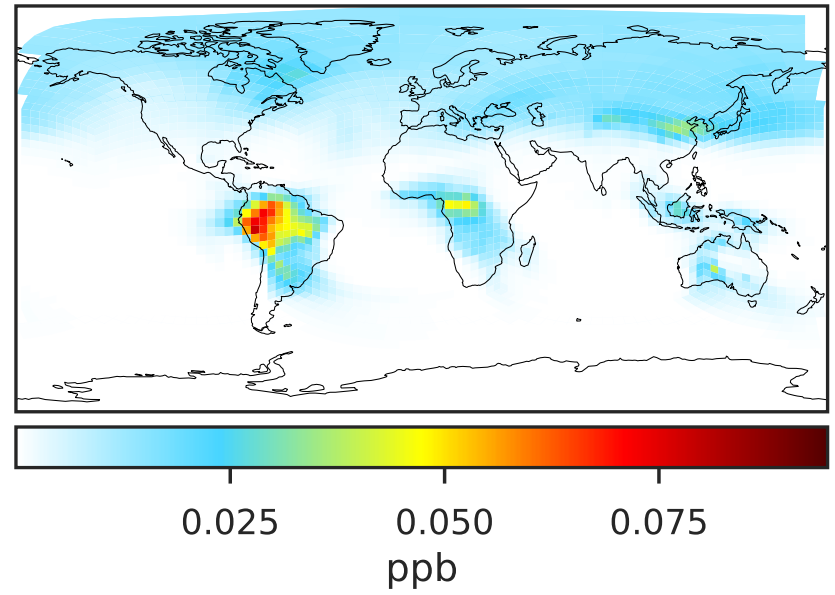
Undefined throughout domain
unitless

SpeciesConcVV_GLYC (Jan2019)

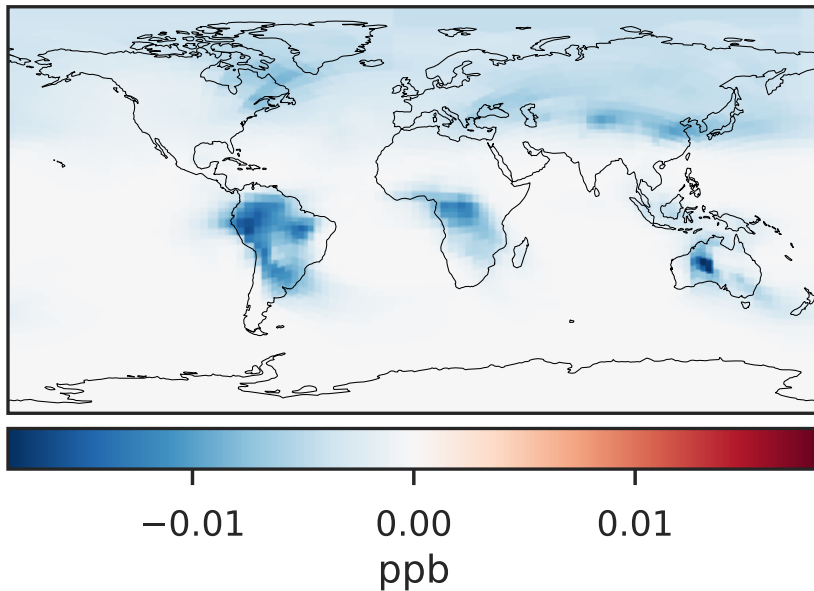
GCHP_14.0.0 (Ref)
c24



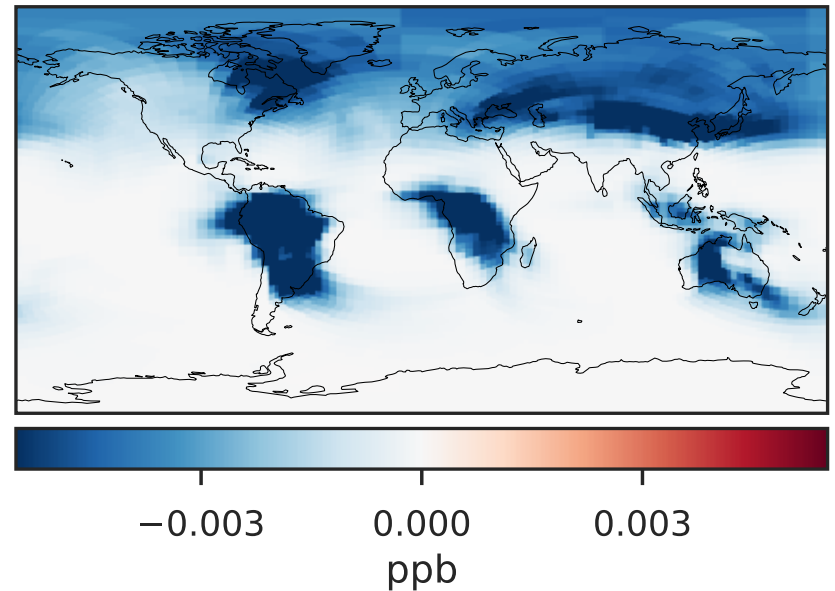
GCHP_14.2.0 (Dev)
c24



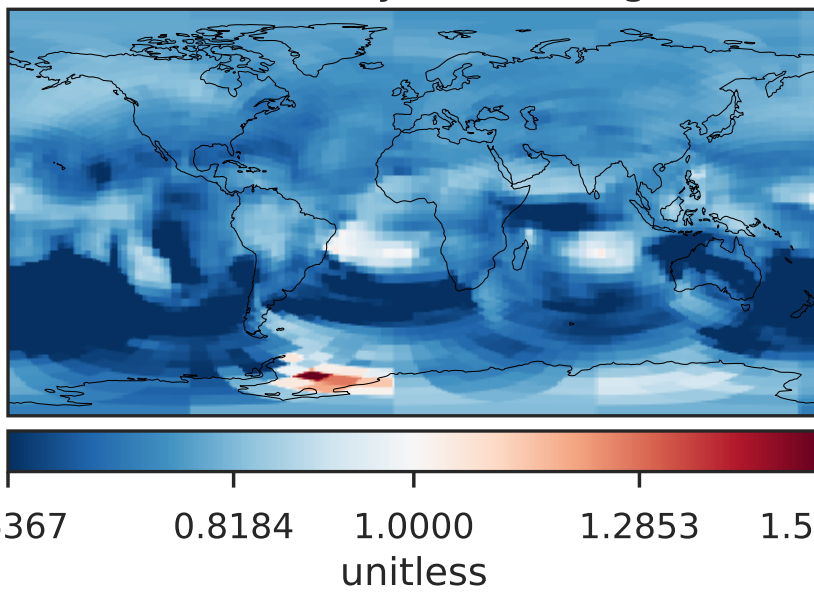
Difference (1x1.25)
Dev - Ref, Dynamic Range



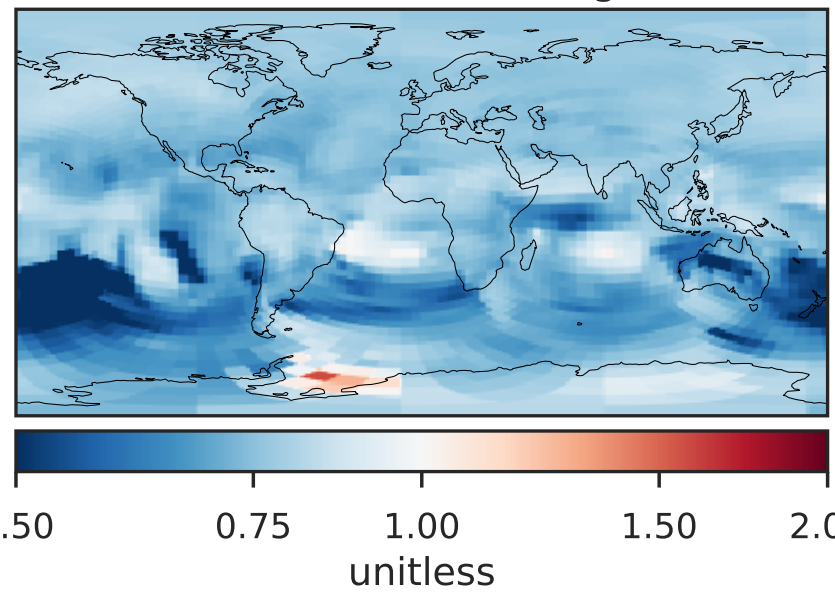
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

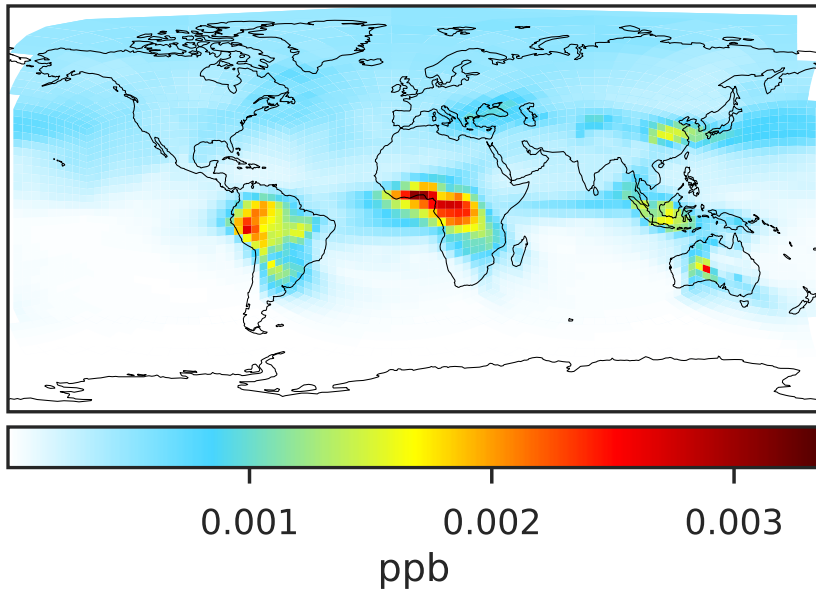


Ratio (1x1.25)
Dev/Ref, Fixed Range

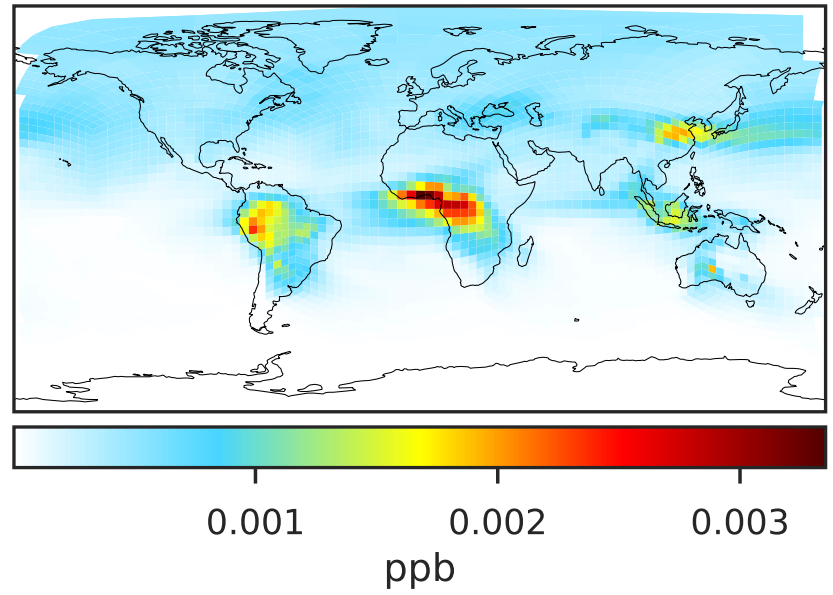


SpeciesConcVV_GLYX (Jan2019)

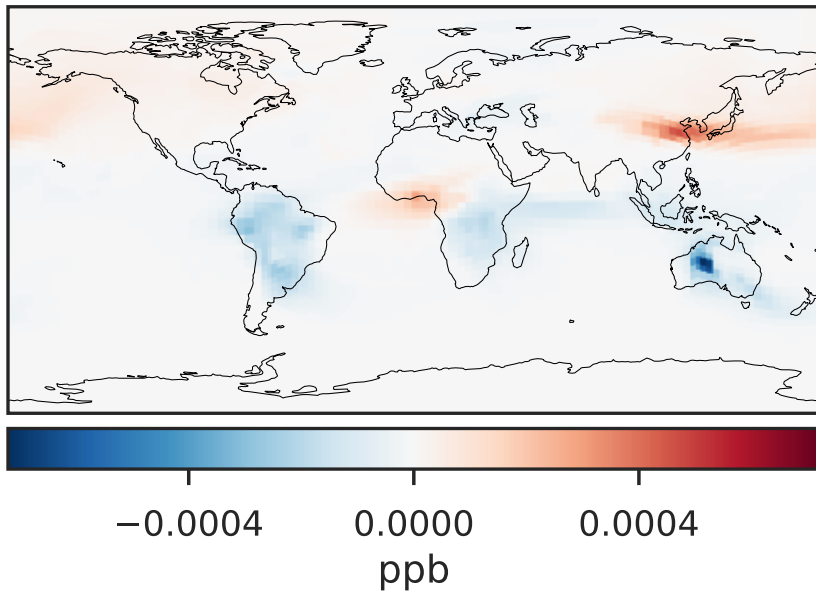
GCHP_14.0.0 (Ref)
c24



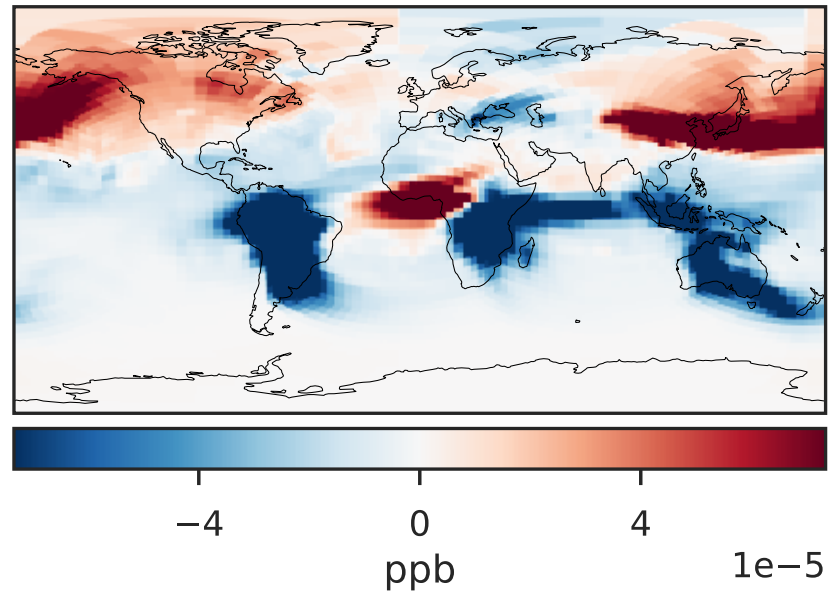
GCHP_14.2.0 (Dev)
c24



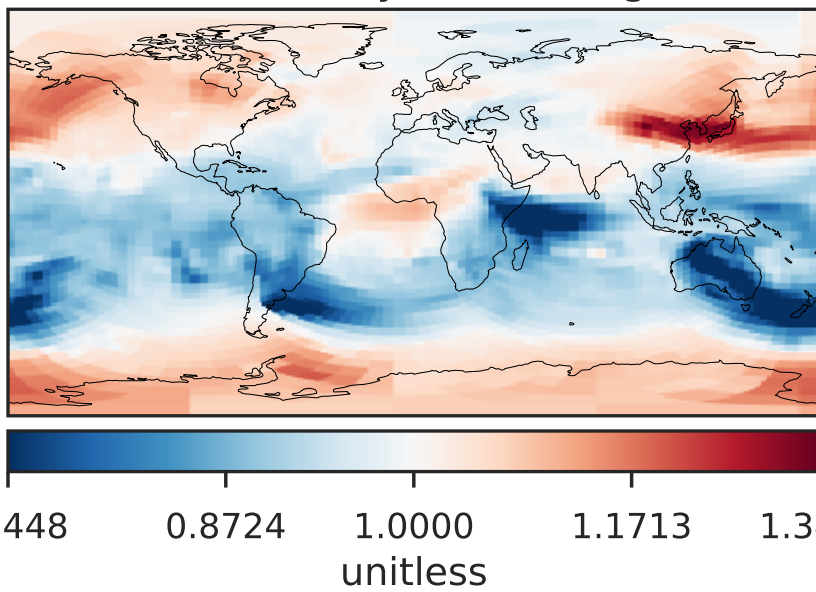
Difference (1x1.25)
Dev - Ref, Dynamic Range



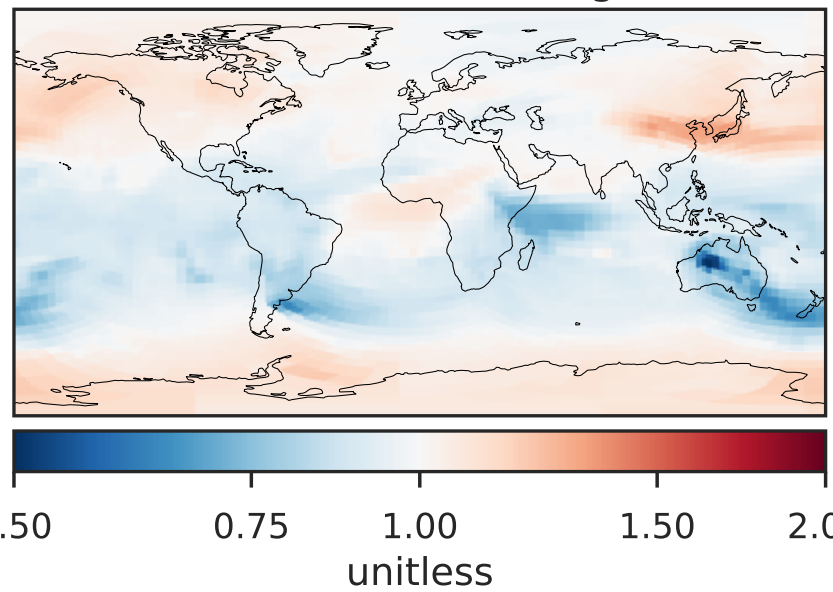
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

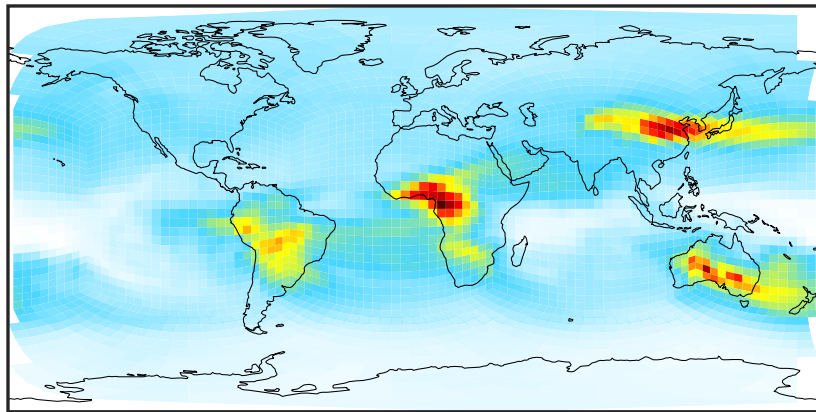


Ratio (1x1.25)
Dev/Ref, Fixed Range



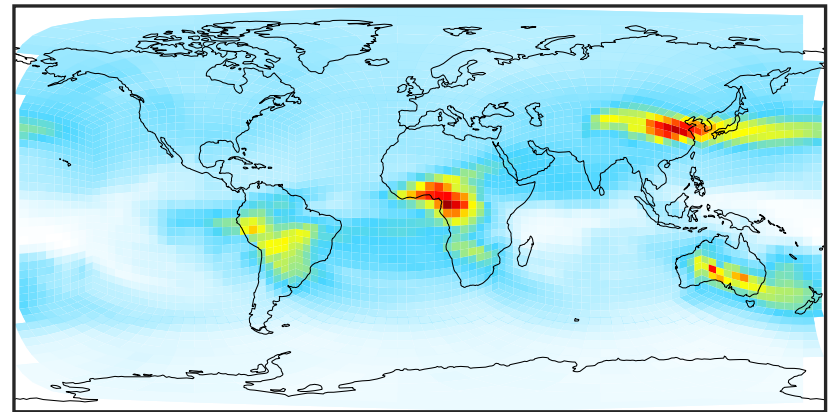
SpeciesConcVV_HCOOH (Jan2019)

GCHP_14.0.0 (Ref)
c24



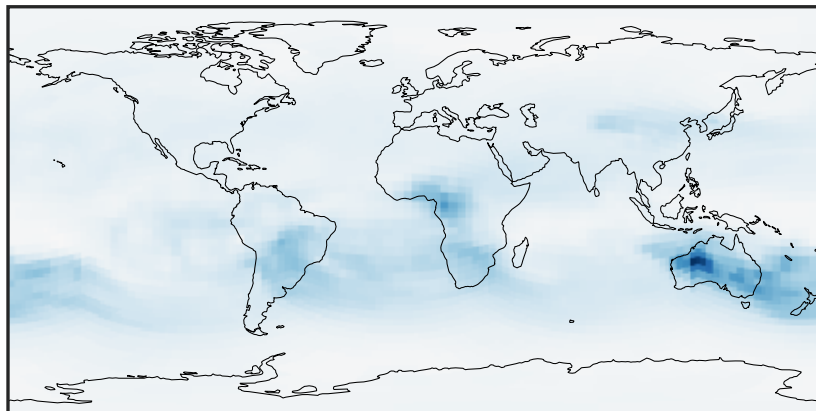
0.0019 0.0759 0.1518 0.2277 0.3054
ppb

GCHP_14.2.0 (Dev)
c24



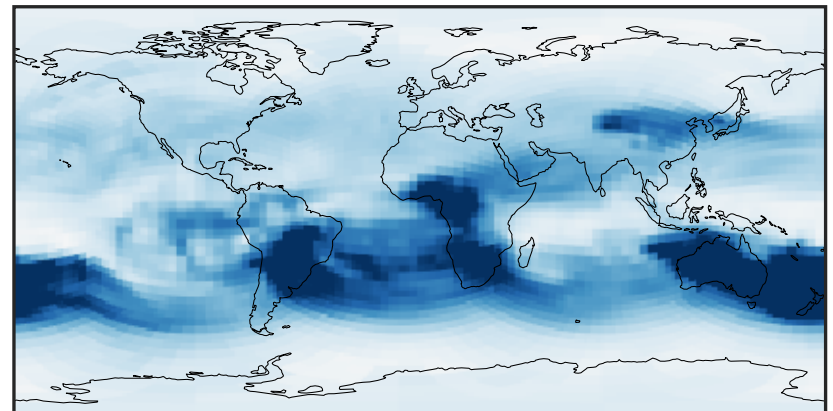
0.0019 0.0759 0.1518 0.2277 0.3054
ppb

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



-0.0590 -0.0295 0.0000 0.0295 0.0590
ppb

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



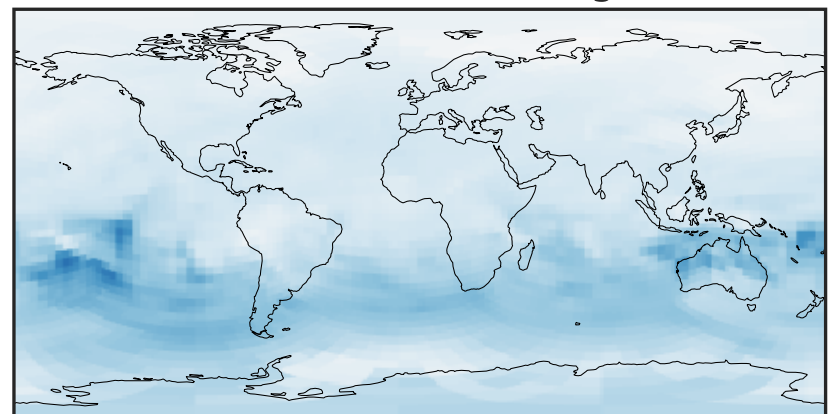
-0.01 0.00 0.01
ppb

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



0.997009 0.998504 1.000000 1.001500 1.003000
unitless

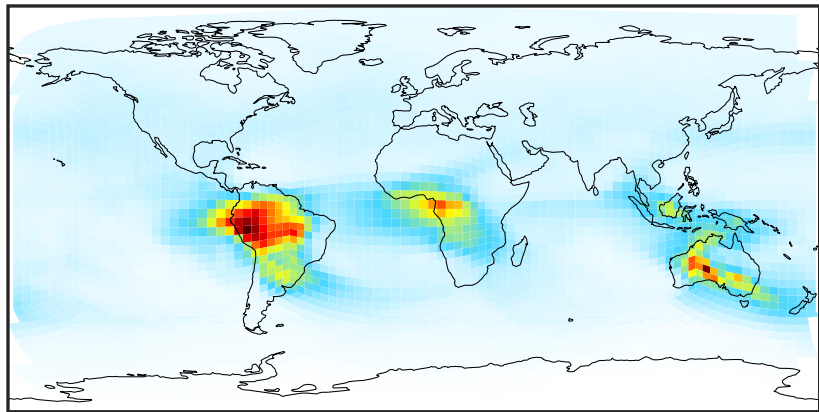
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

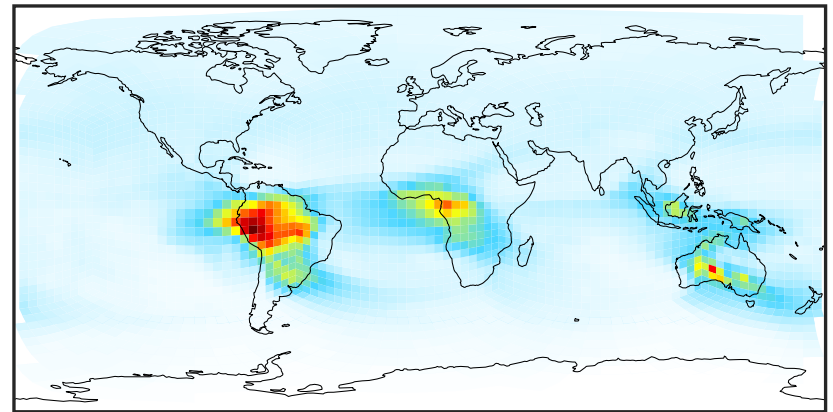
SpeciesConcVV_MAP (Jan2019)

GCHP_14.0.0 (Ref)
c24



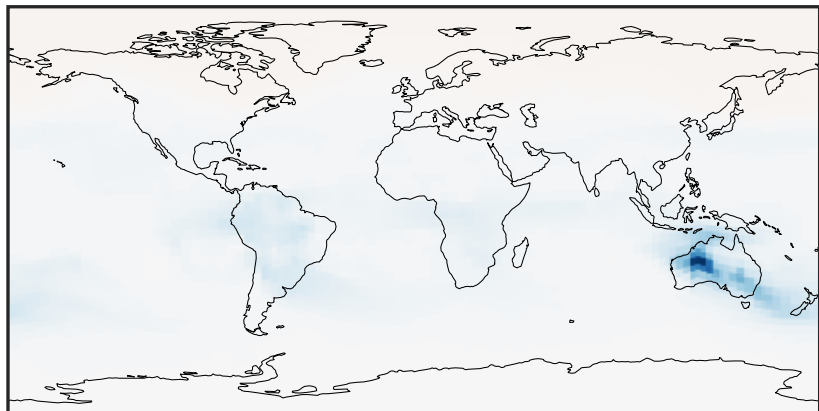
0.0011 0.0764 0.1527 0.2291 0.3065
ppb

GCHP_14.2.0 (Dev)
c24



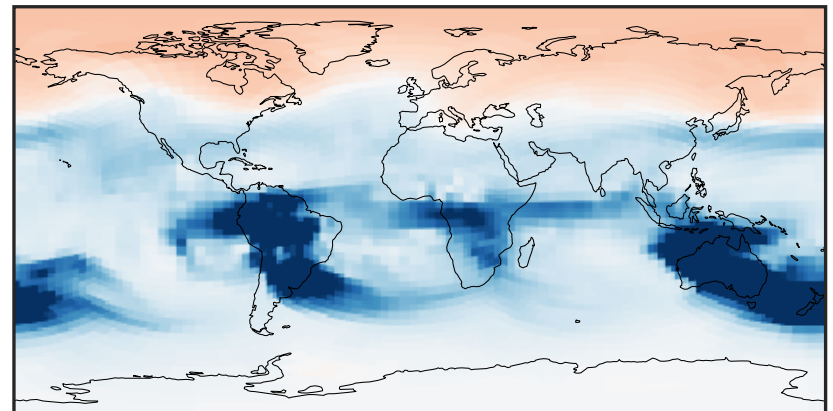
0.0011 0.0764 0.1527 0.2291 0.3065
ppb

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



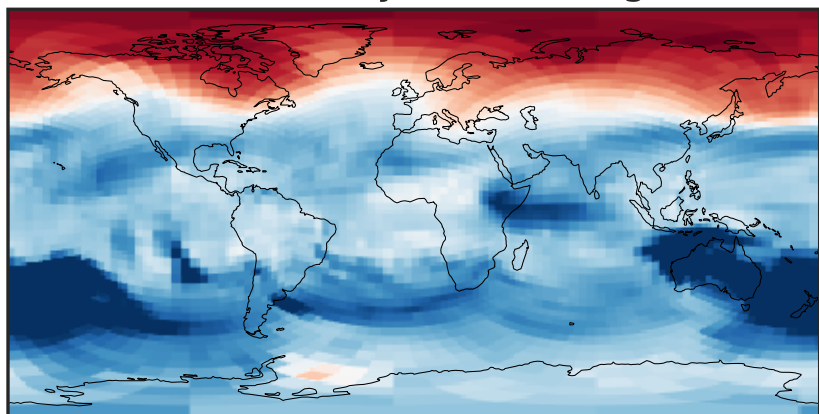
-0.0726 -0.0363 0.0000 0.0363 0.0726
ppb

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



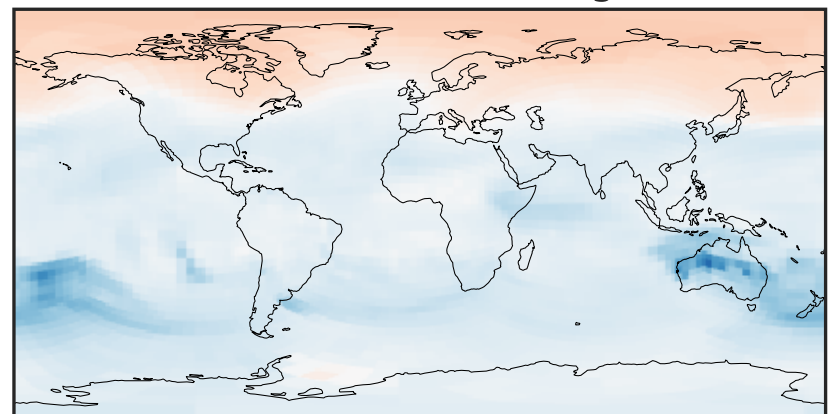
-0.004 0.000 0.004
ppb

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



0.8306 0.9153 1.0000 1.1019 1.2039
unitless

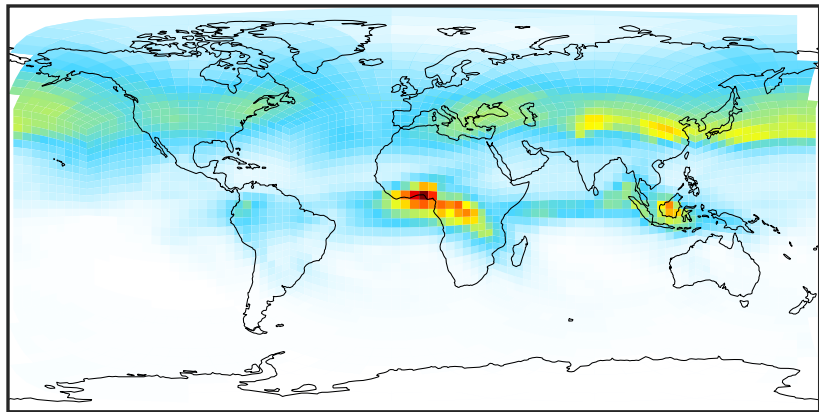
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

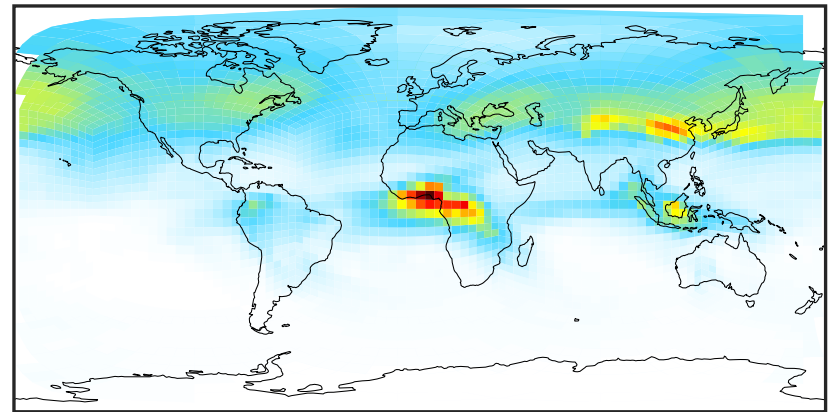
SpeciesConcVV_PHEN (Jan2019)

GCHP_14.0.0 (Ref)
c24



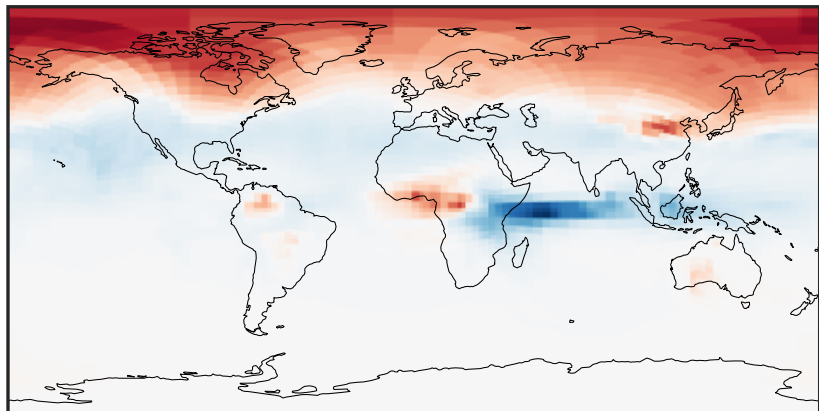
0.0002 0.0004 0.0006
ppb

GCHP_14.2.0 (Dev)
c24



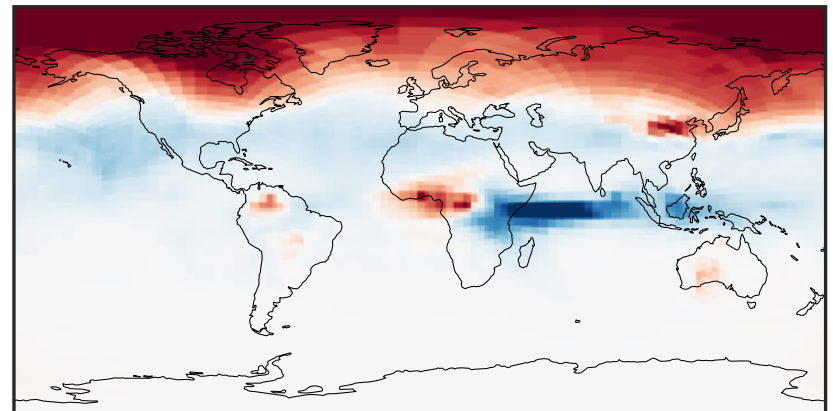
0.0002 0.0004 0.0006
ppb

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



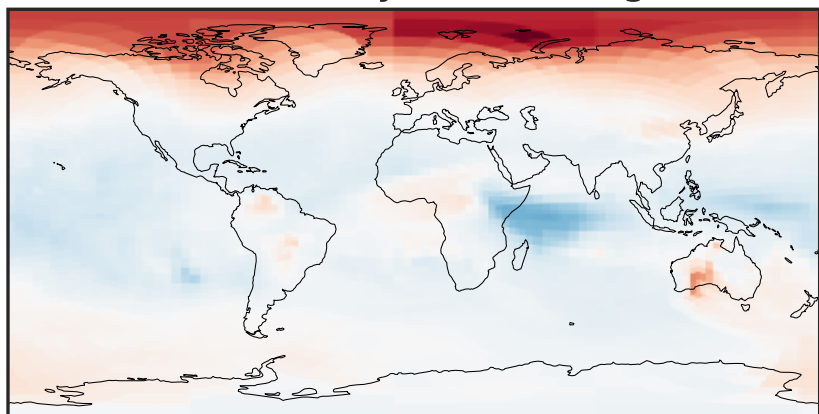
-5 0 5
ppb $1e-5$

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



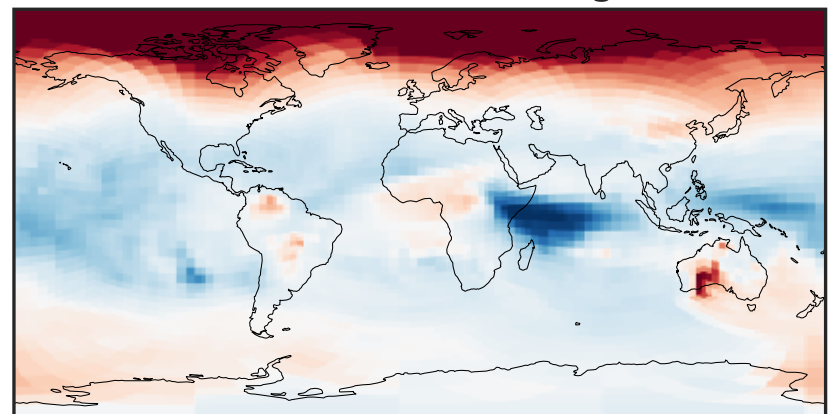
-4 0 4
ppb $1e-5$

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



0.233 0.617 1.000 2.642 4.285
unitless

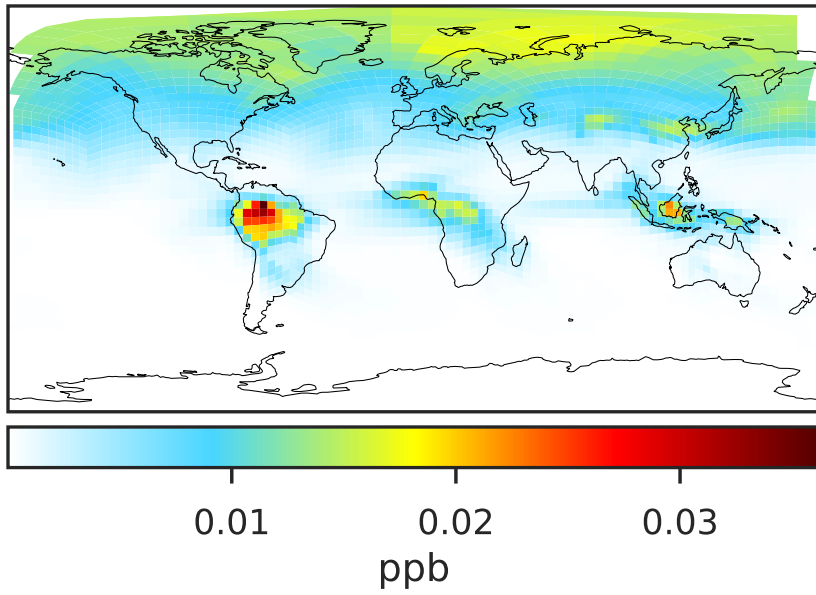
Ratio (1x1.25)
Dev/Ref, Fixed Range



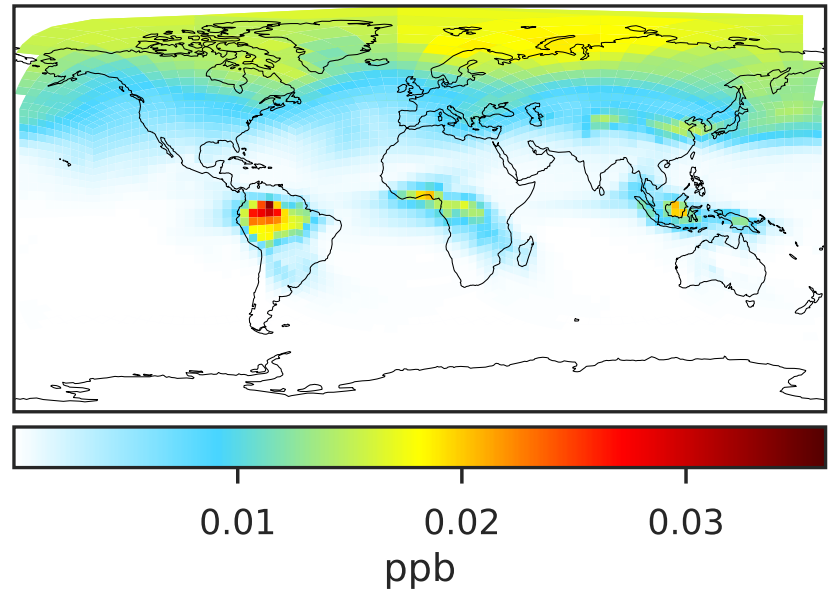
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVW_RCHO (Jan2019)

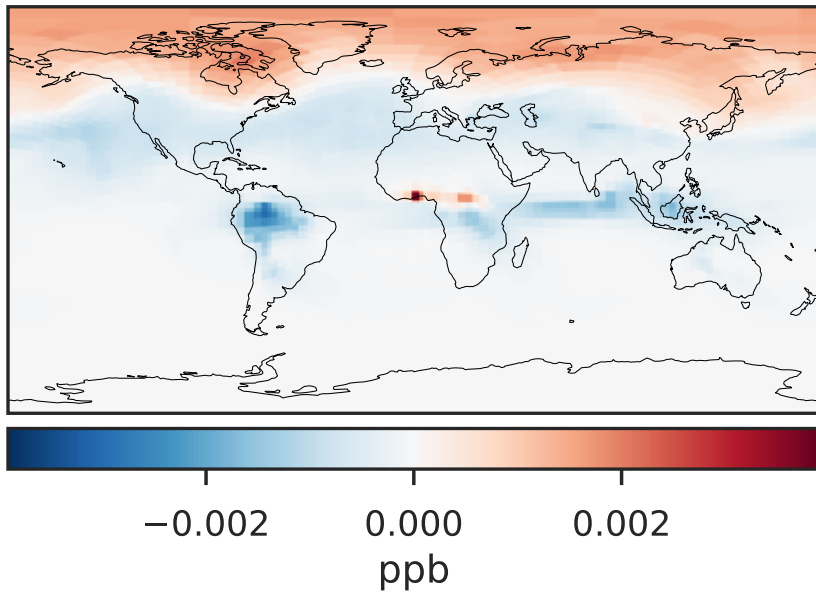
GCHP_14.0.0 (Ref)
c24



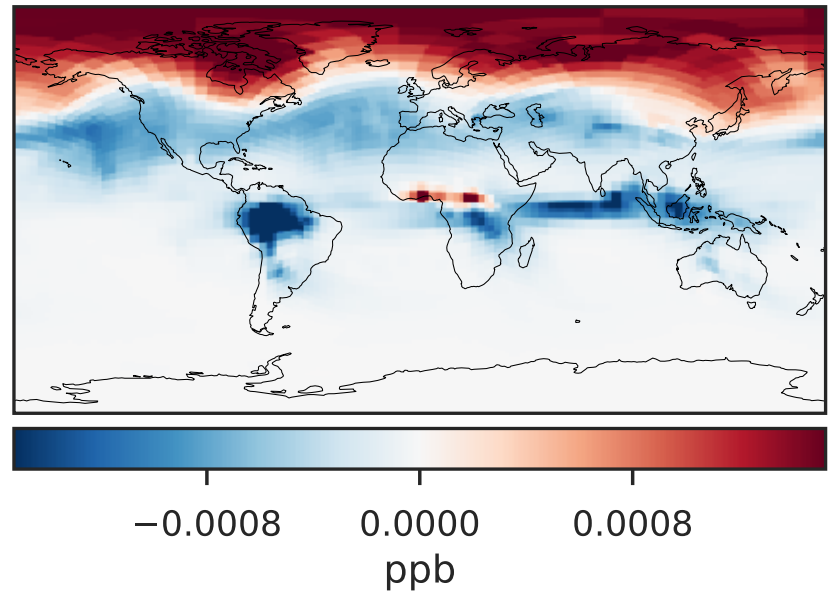
GCHP_14.2.0 (Dev)
c24



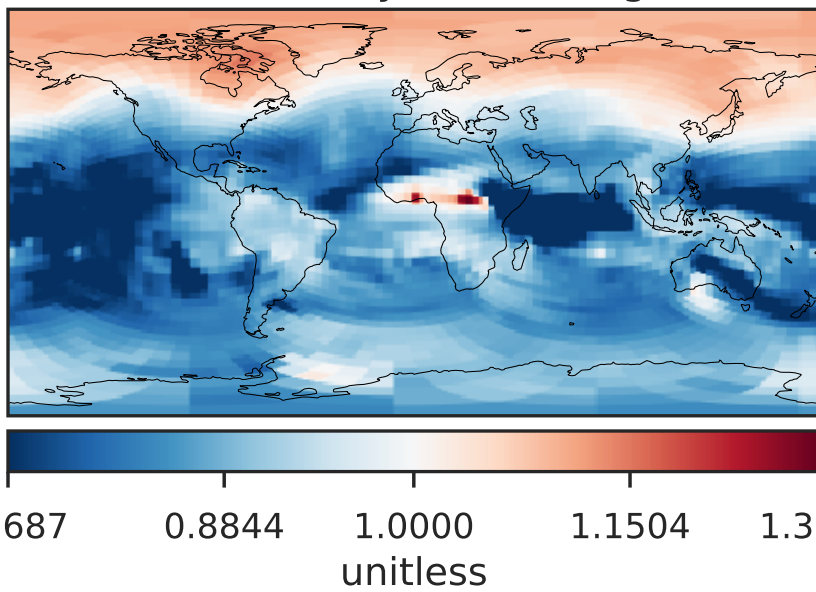
Difference (1x1.25)
Dev - Ref, Dynamic Range



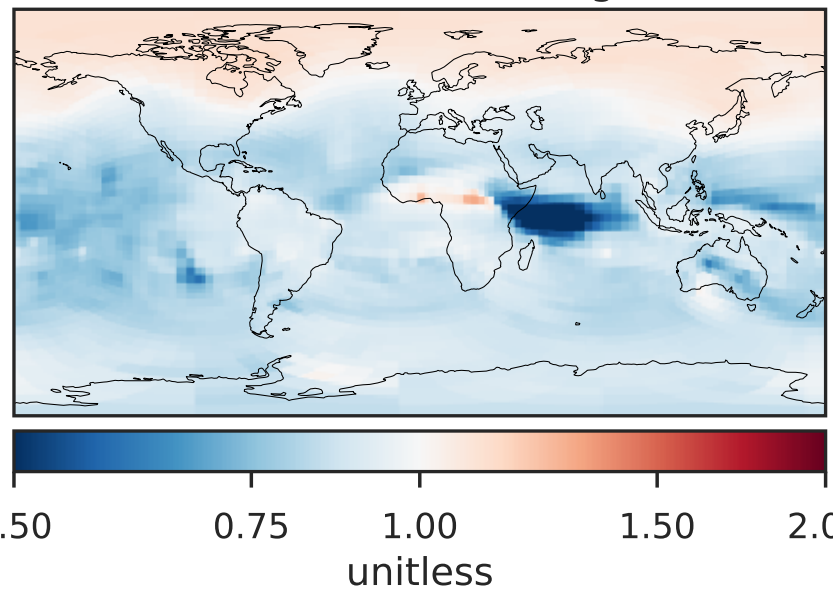
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

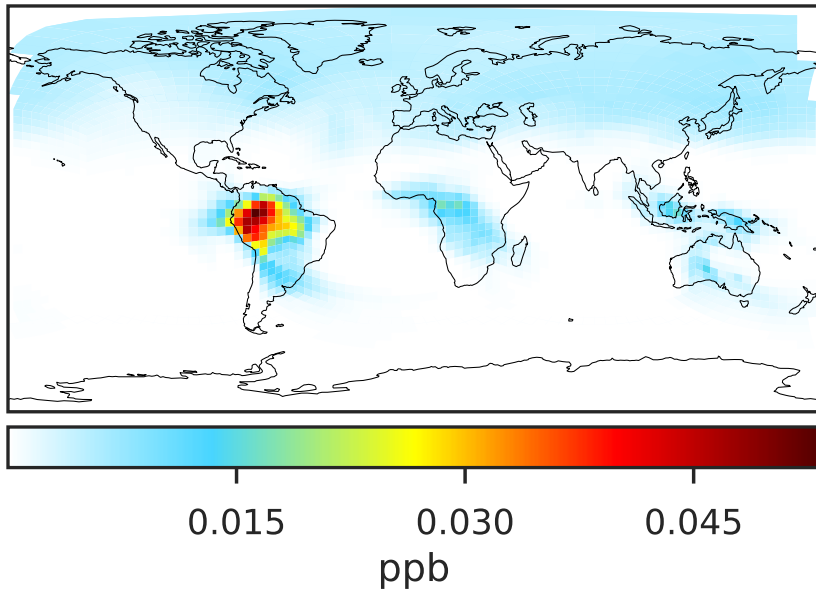


Ratio (1x1.25)
Dev/Ref, Fixed Range

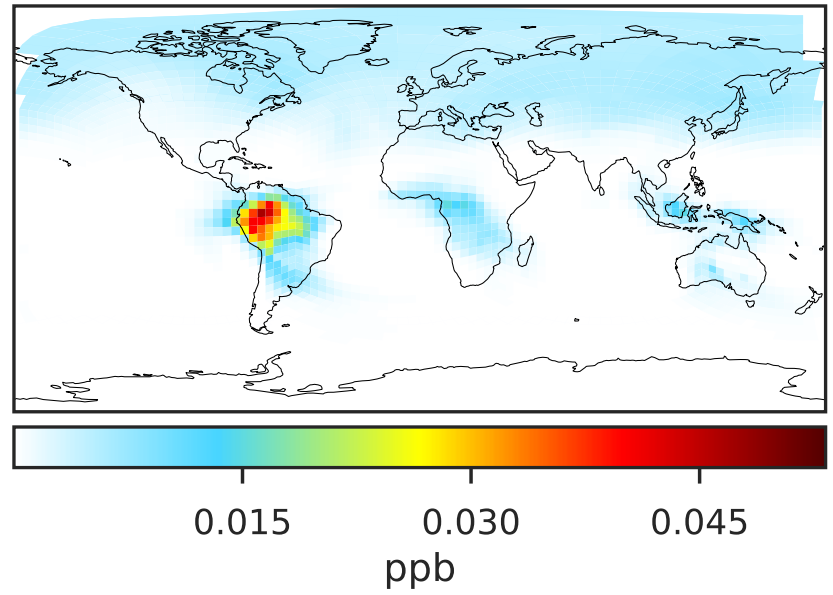


SpeciesConcVV_ETHP (Jan2019)

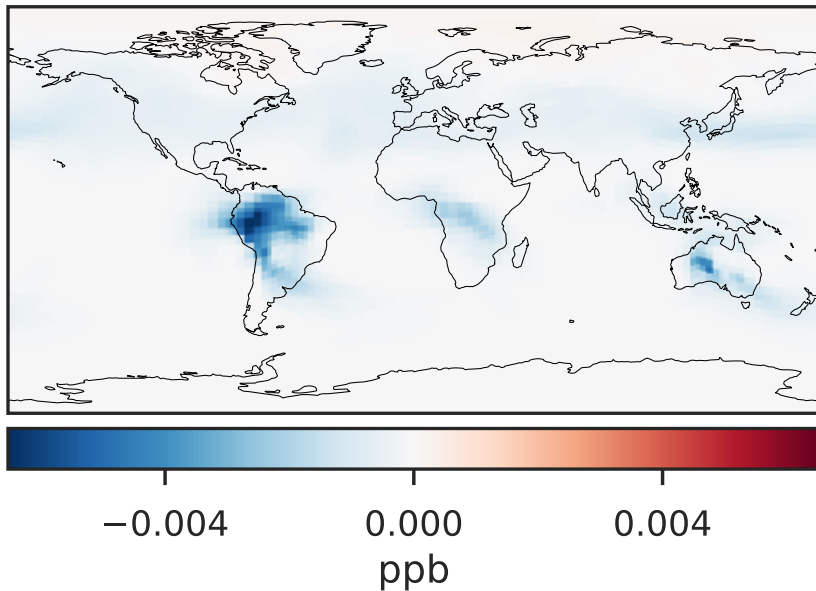
GCHP_14.0.0 (Ref)
c24



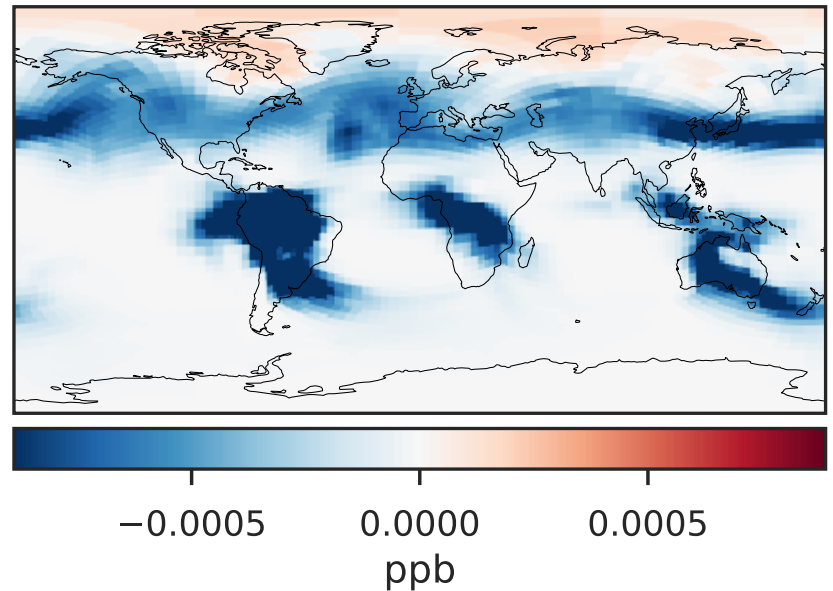
GCHP_14.2.0 (Dev)
c24



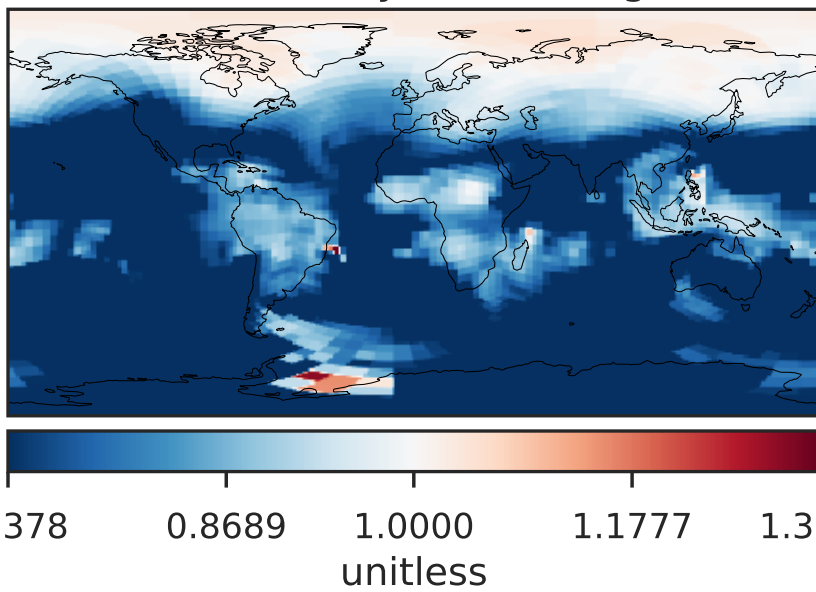
Difference (1x1.25)
Dev - Ref, Dynamic Range



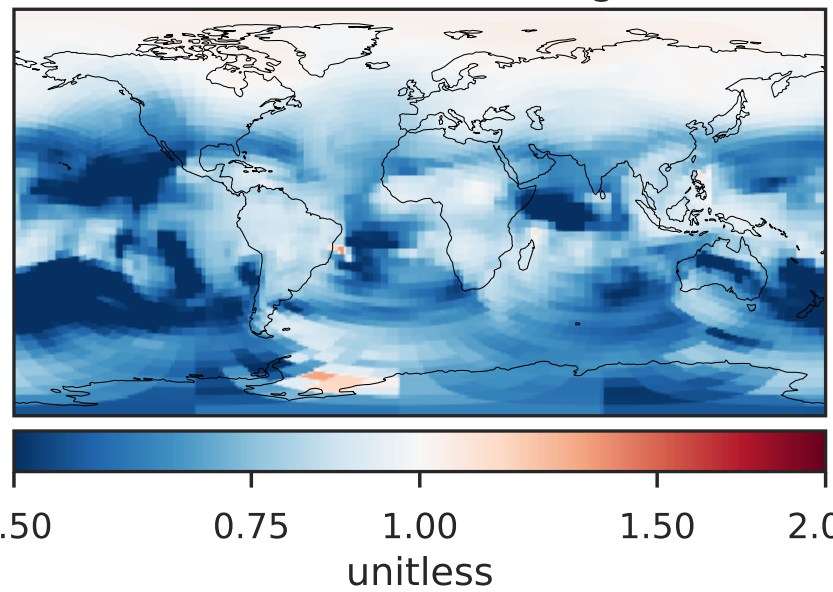
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

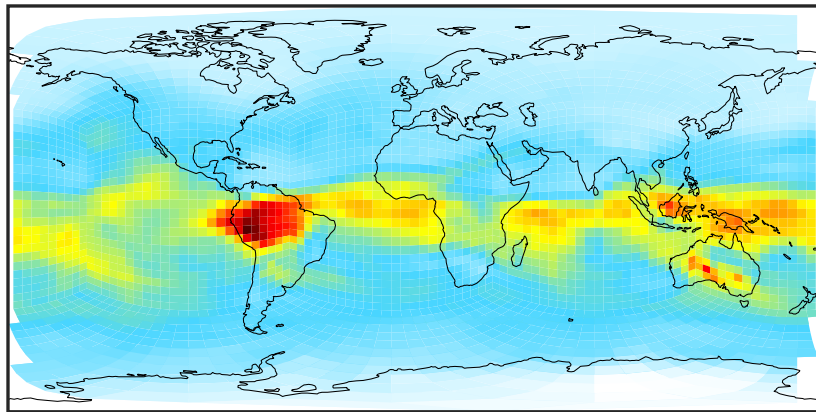


Ratio (1x1.25)
Dev/Ref, Fixed Range



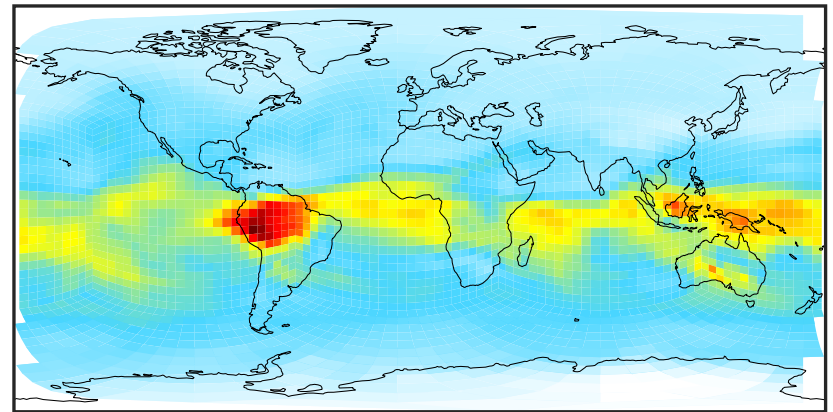
SpeciesConcVV_MP (Jan2019)

GCHP_14.0.0 (Ref)
c24



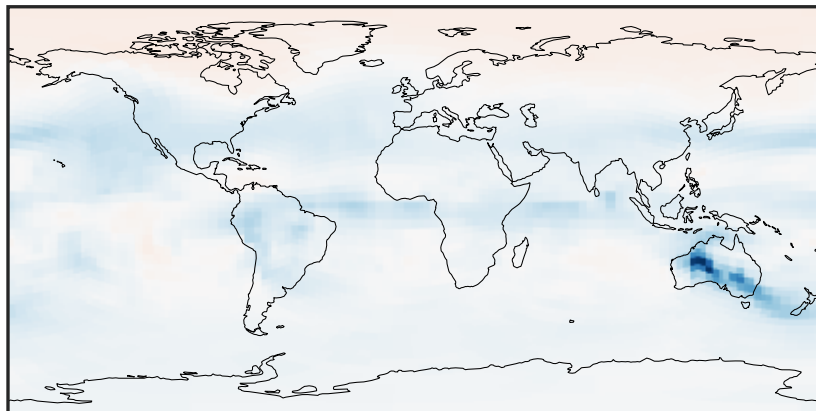
0.0317 0.2305 0.4611 0.6916 0.9539
ppb

GCHP_14.2.0 (Dev)
c24



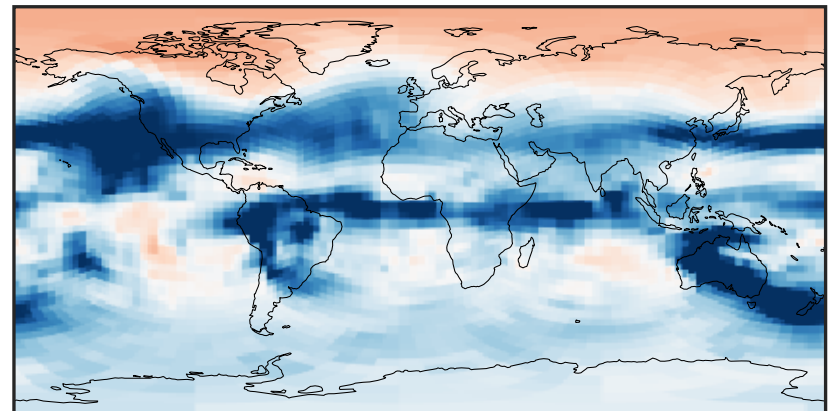
0.0317 0.2305 0.4611 0.6916 0.9539
ppb

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



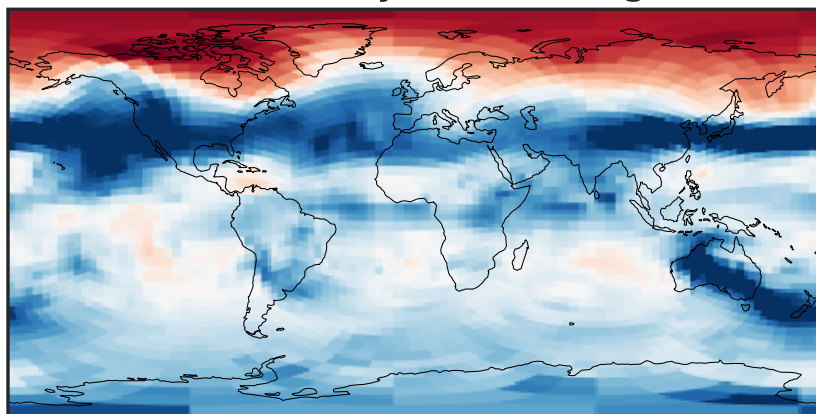
-0.1294 -0.0647 0.0000 0.0647 0.1294
ppb

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



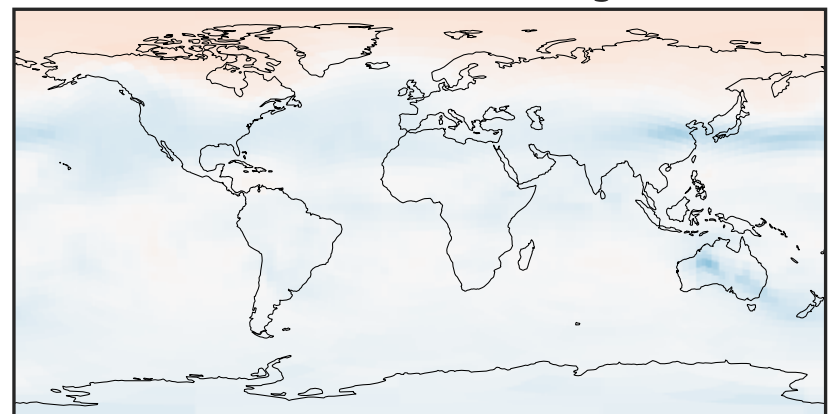
-0.015 0.000 0.015
ppb

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



0.9035 0.9518 1.0000 1.0534 1.1067
unitless

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



0.50 0.75 1.00 1.50 2.00
unitless