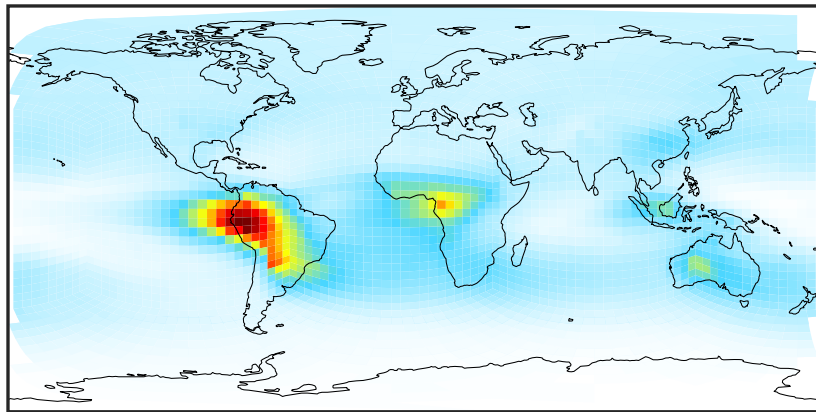


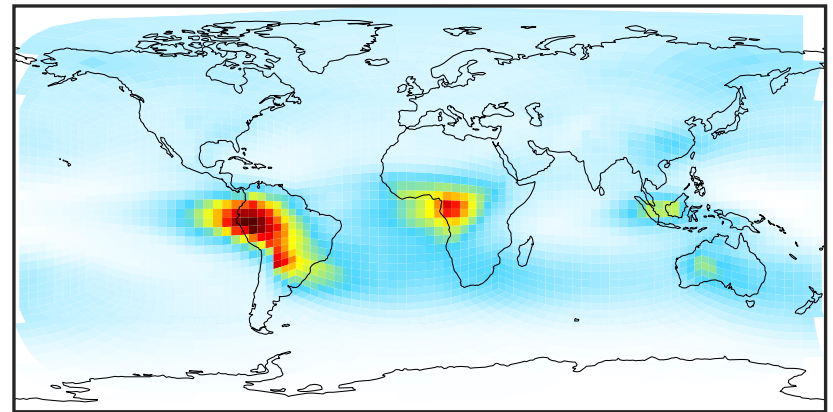
SpeciesConcVV_ACTA (AnnualMean)

GCHP_14.0.0 (Ref)
c24



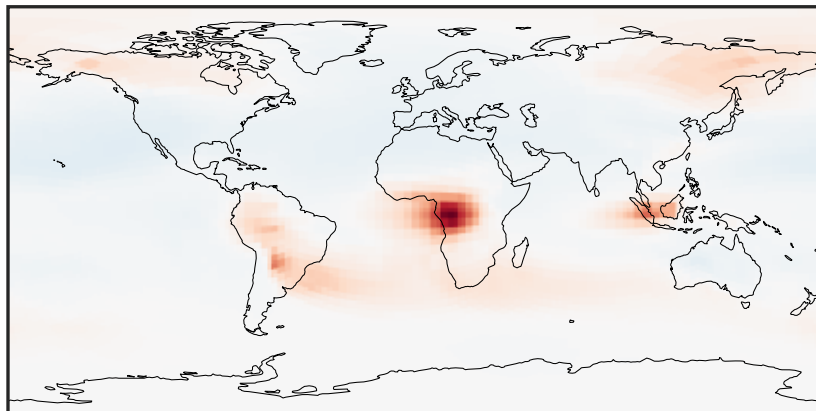
0.0083 0.0601 0.1202 0.1803 0.2488
ppb

GCHP_14.2.0 (Dev)
c24



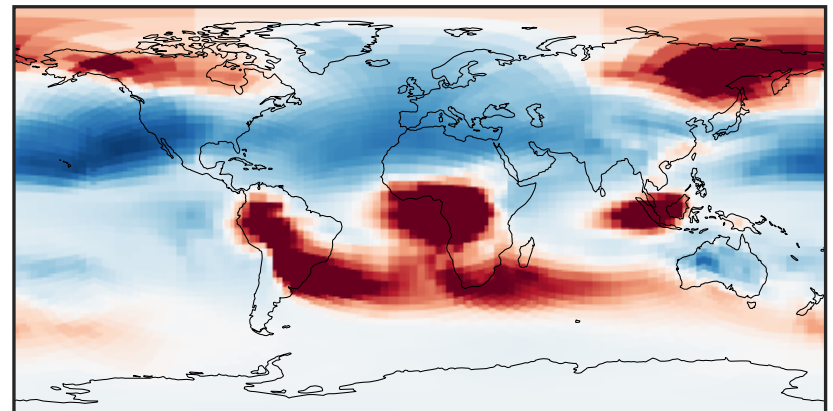
0.0083 0.0601 0.1202 0.1803 0.2488
ppb

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



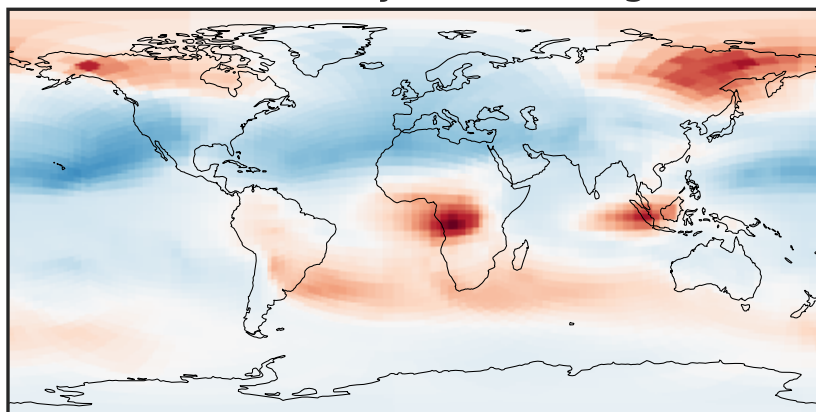
-0.0624 -0.0312 0.0000 0.0312 0.0624
ppb

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



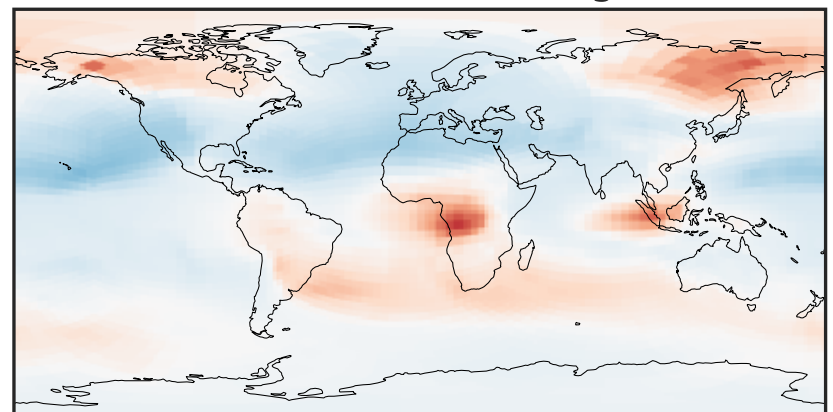
-0.004 0.000 0.004
ppb

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



0.608 0.804 1.000 1.323 1.645
unitless

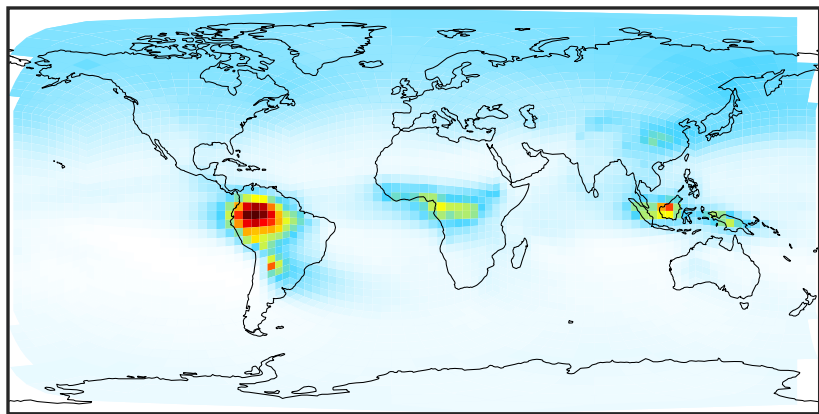
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

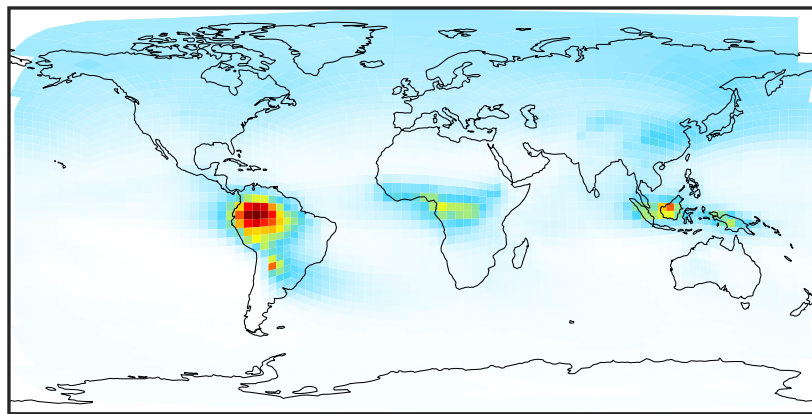
SpeciesConcVW_ALD2 (AnnualMean)

GCHP_14.0.0 (Ref)
c24



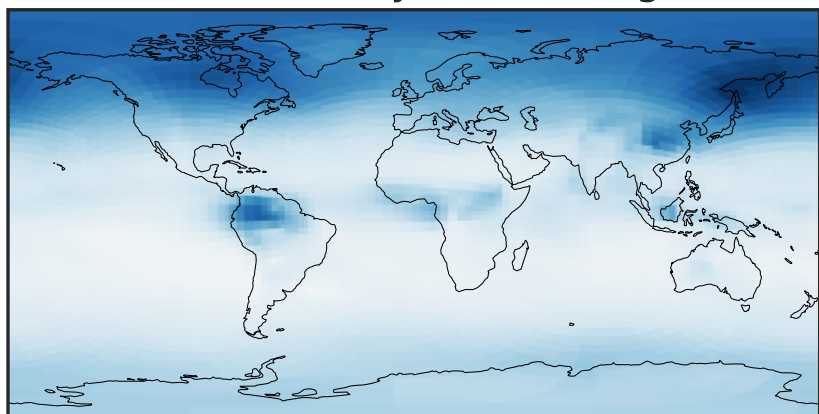
0.0015 0.0458 0.0917 0.1375 0.1848
ppb

GCHP_14.2.0 (Dev)
c24



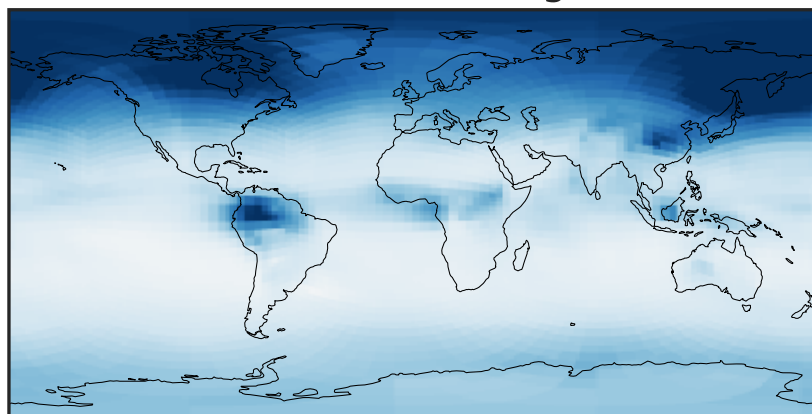
0.0015 0.0458 0.0917 0.1375 0.1848
ppb

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



-0.006 0.000 0.006
ppb

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



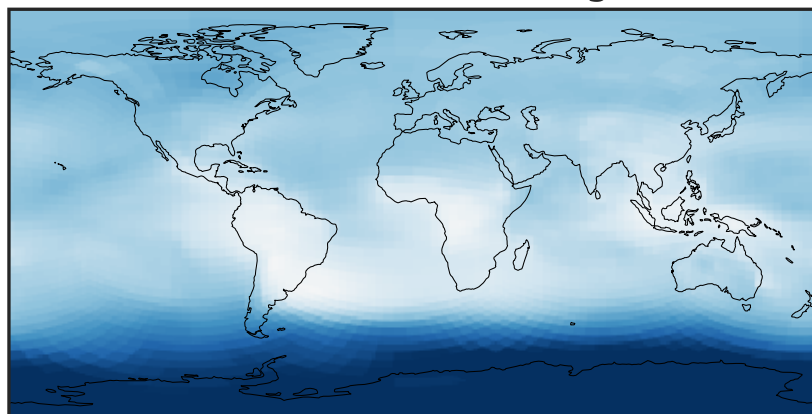
-0.005 0.000 0.005
ppb

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



0.99176 0.99588 1.00000 1.00415 1.00831
unitless

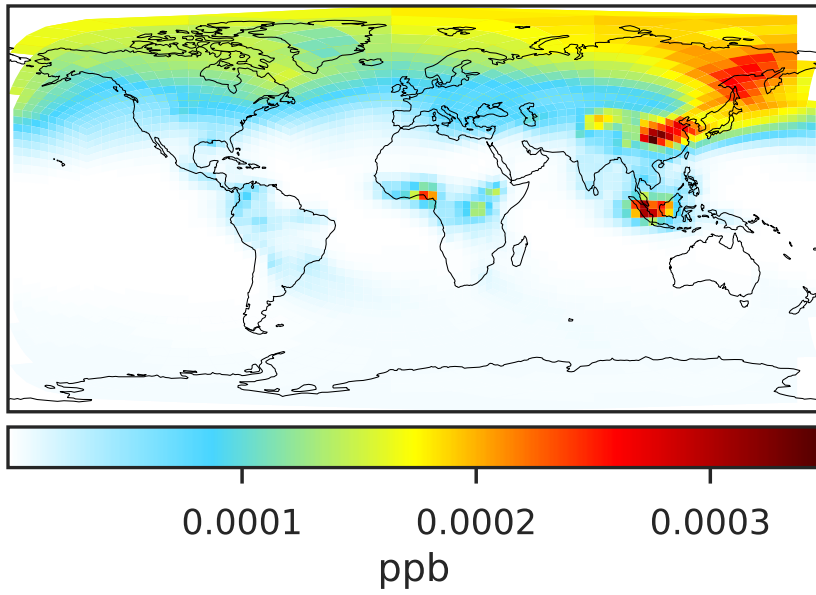
Ratio (1x1.25)
Dev/Ref, Fixed Range



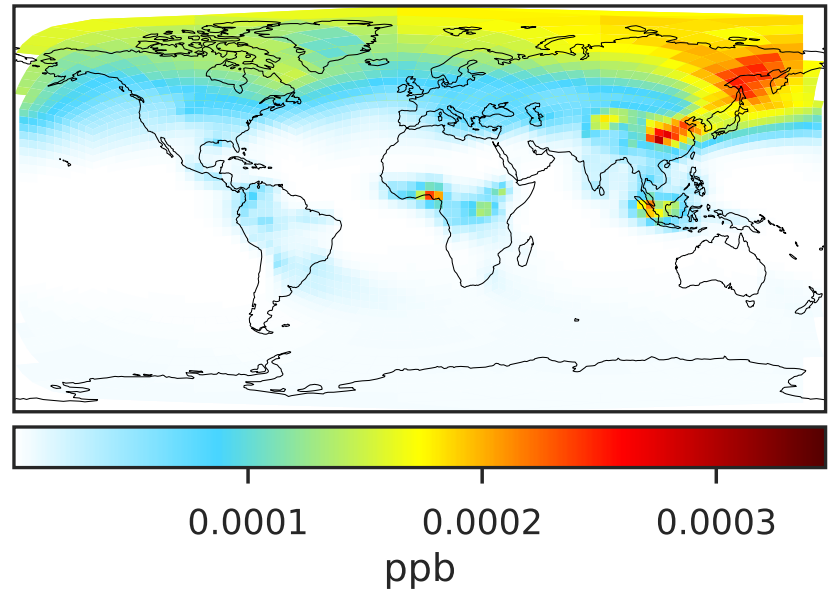
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_BALD (AnnualMean)

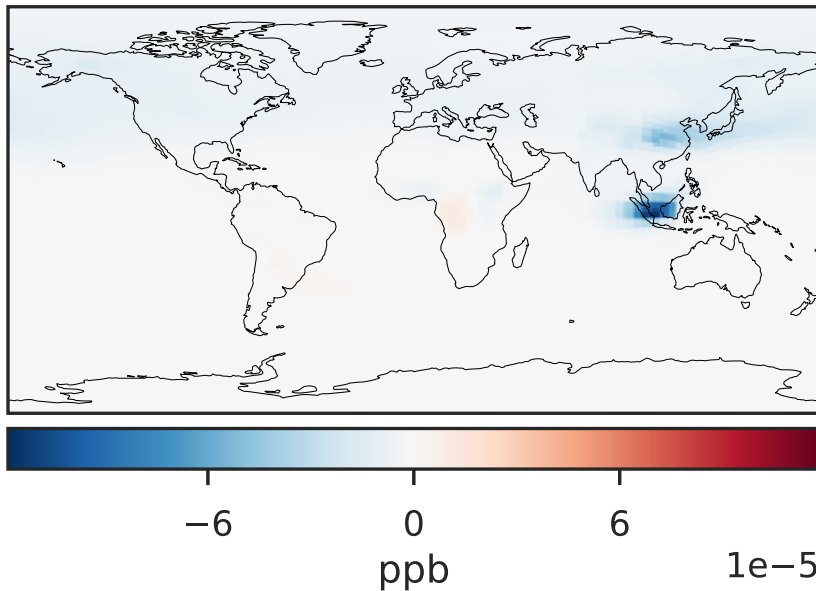
GCHP_14.0.0 (Ref)
c24



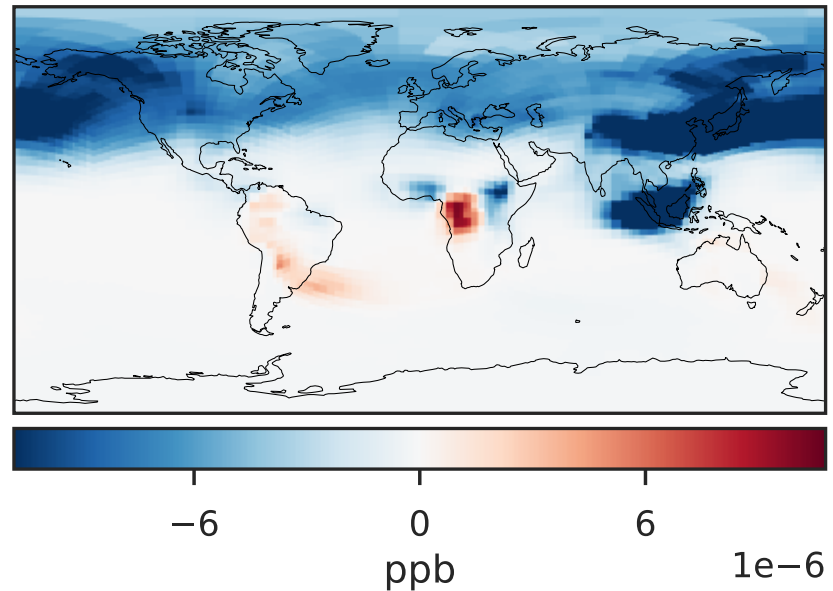
GCHP_14.2.0 (Dev)
c24



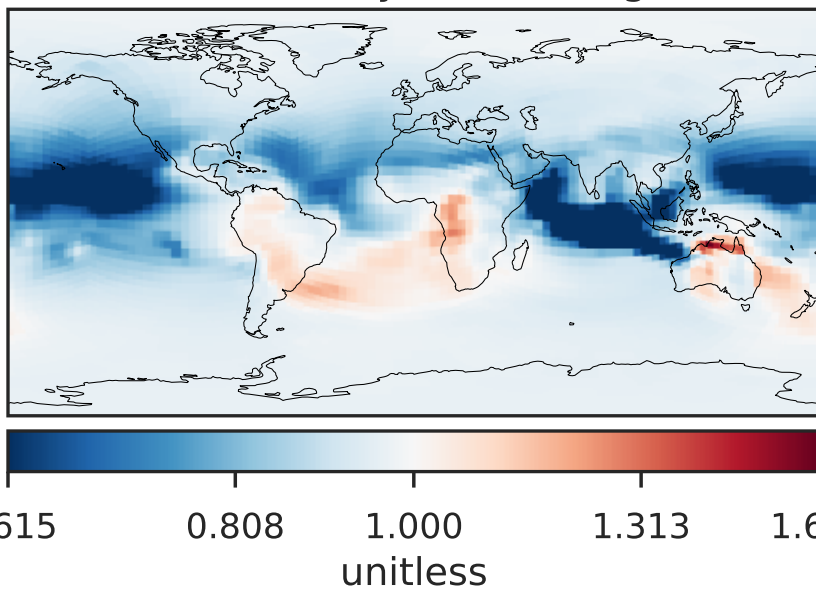
Difference (1x1.25)
Dev - Ref, Dynamic Range



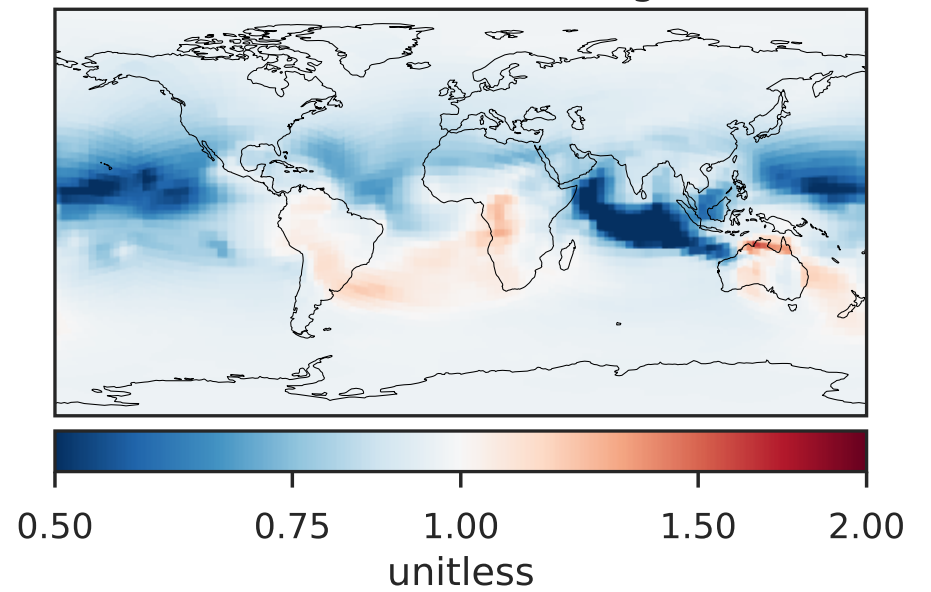
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

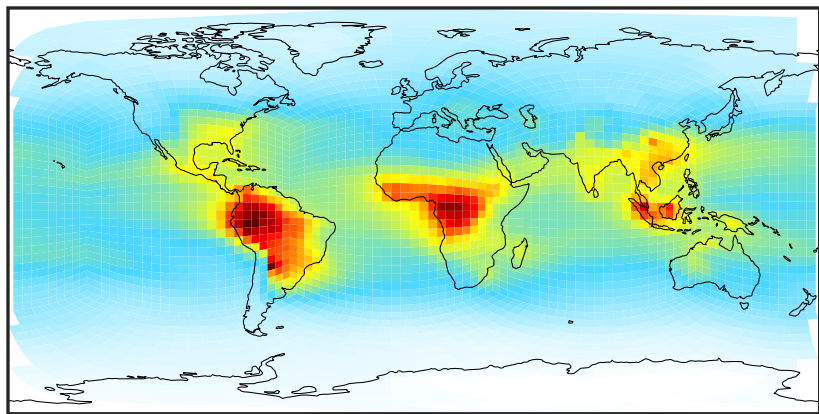


Ratio (1x1.25)
Dev/Ref, Fixed Range



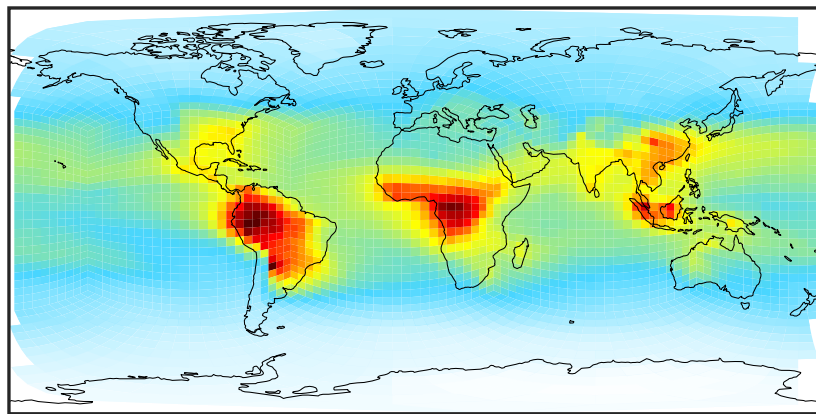
SpeciesConcVV_CH2O (AnnualMean)

GCHP_14.0.0 (Ref)
c24



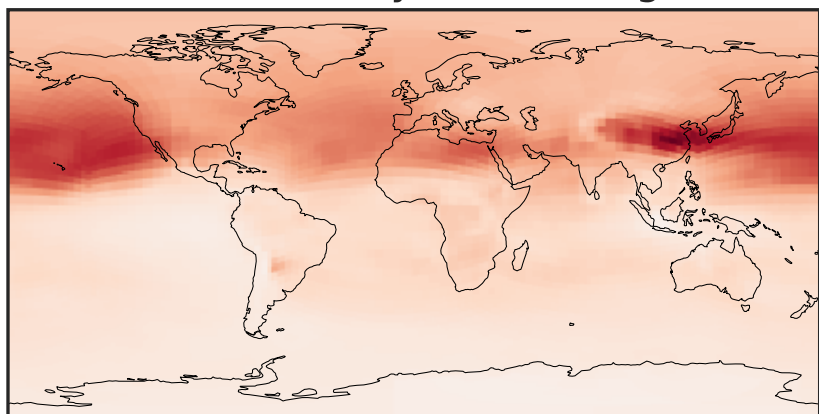
0.0270 0.0905 0.1810 0.2716 0.3891
ppb

GCHP_14.2.0 (Dev)
c24



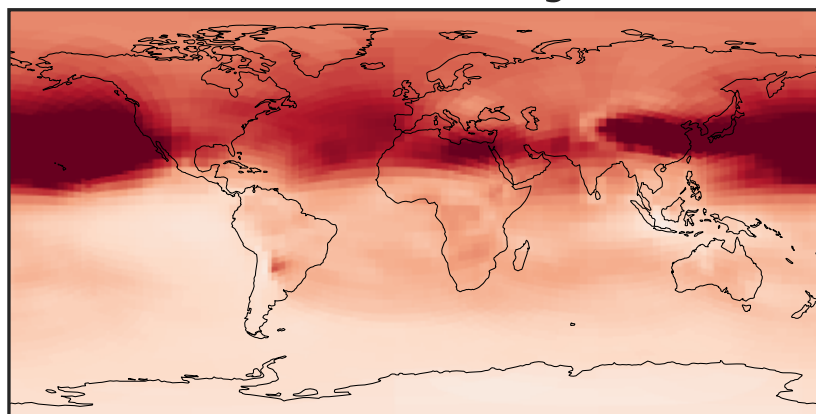
0.0270 0.0905 0.1810 0.2716 0.3891
ppb

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



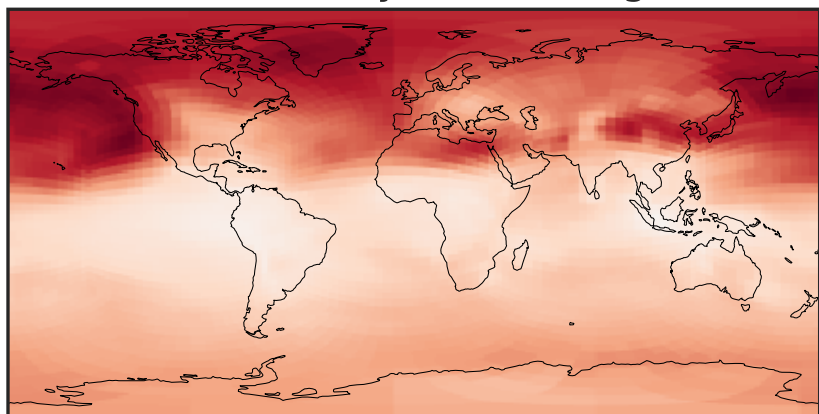
-0.02 0.00 0.02
ppb

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



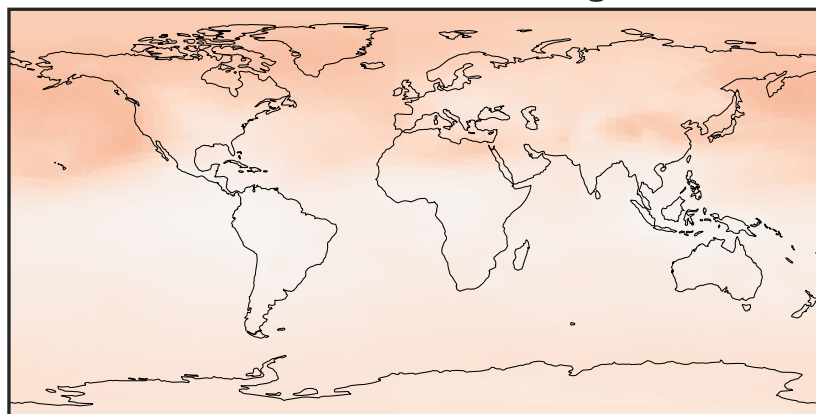
-0.015 0.000 0.015
ppb

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



0.7985 0.8992 1.0000 1.1262 1.2524
unitless

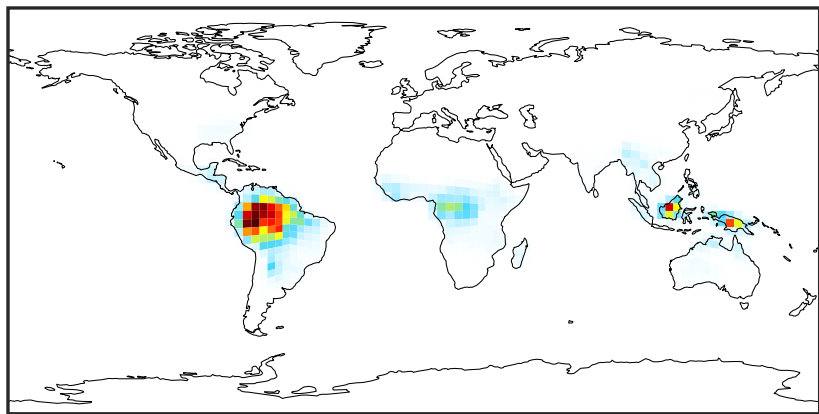
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

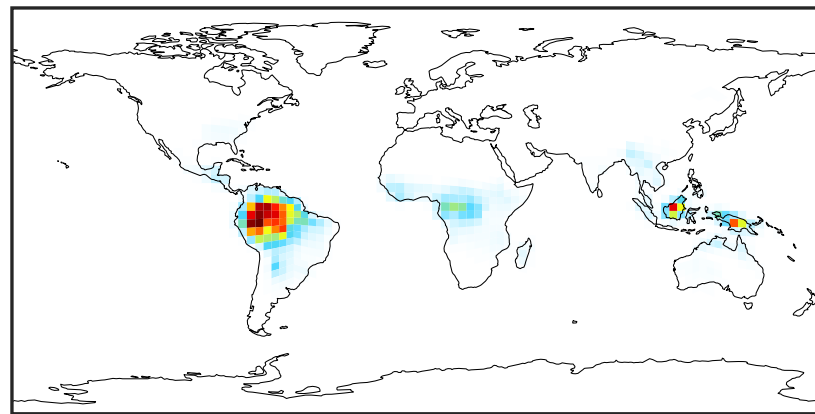
SpeciesConcVV_HPALDs (AnnualMean)

GCHP_14.0.0 (Ref)
c24



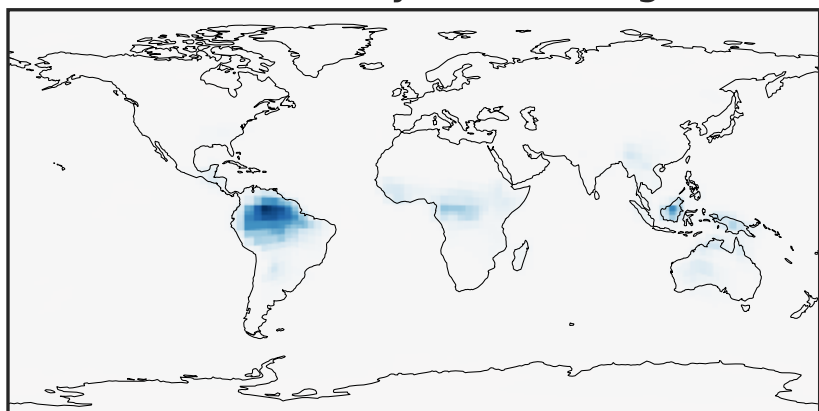
0.0000 0.0015 0.0030 0.0045
ppb

GCHP_14.2.0 (Dev)
c24



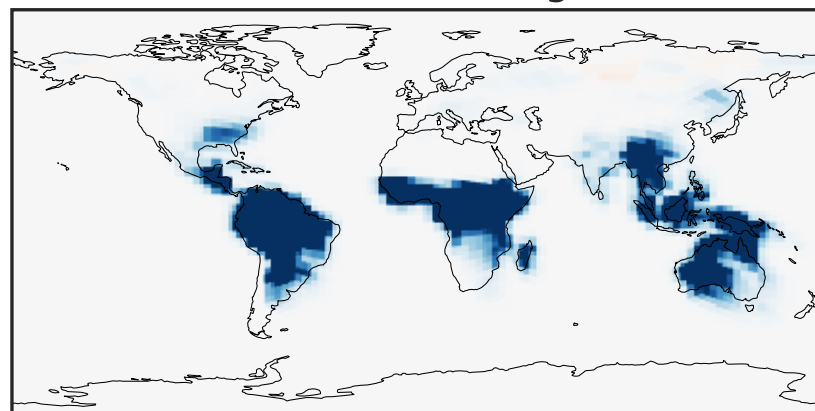
0.0000 0.0015 0.0030 0.0045
ppb

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



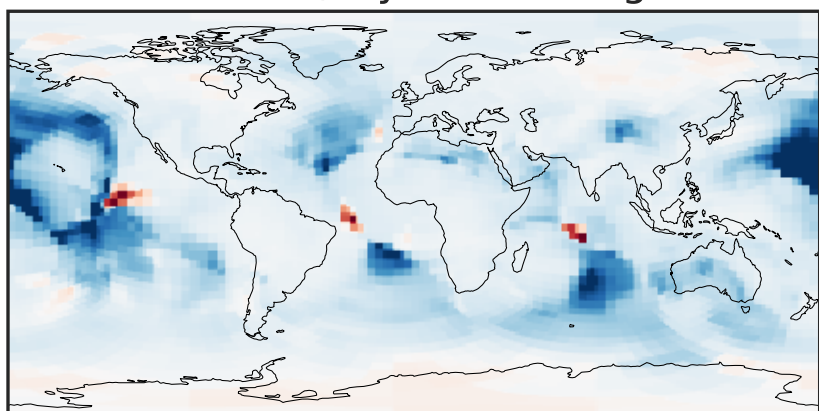
-0.00015 0.00000 0.00015
ppb

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



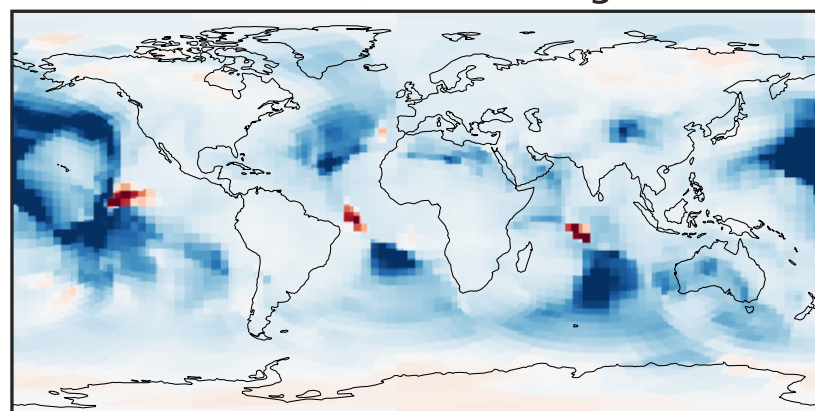
-4 0 4
ppb 1e-6

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



0.399 0.700 1.000 1.752 2.504
unitless

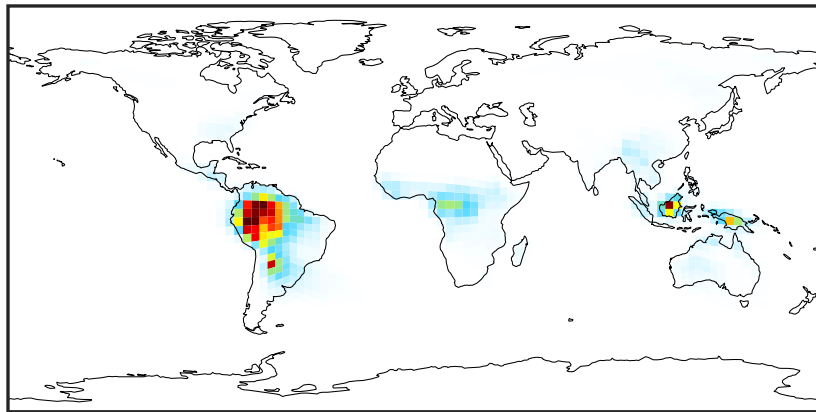
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

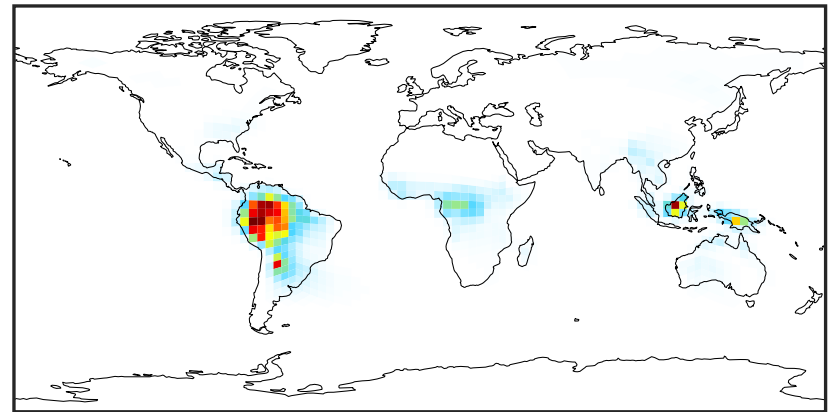
SpeciesConcVV_MACR (AnnualMean)

GCHP_14.0.0 (Ref)
c24



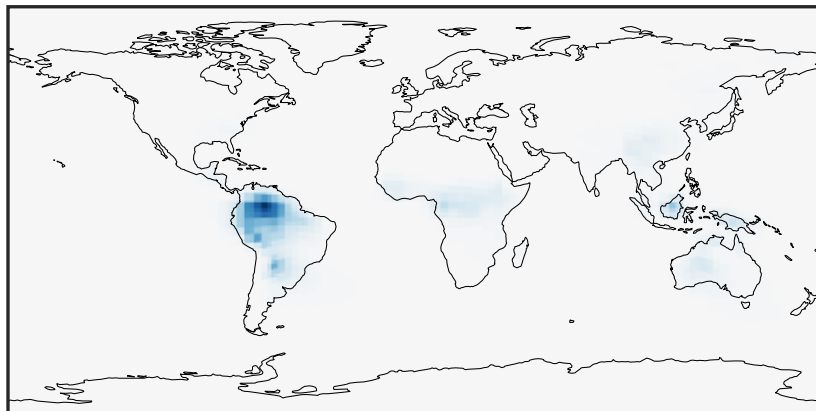
0.000 0.015 0.030 0.045
ppb

GCHP_14.2.0 (Dev)
c24



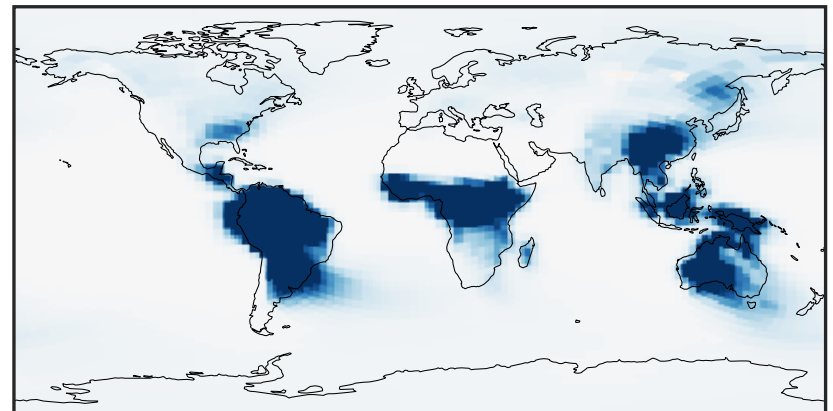
0.000 0.015 0.030 0.045
ppb

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



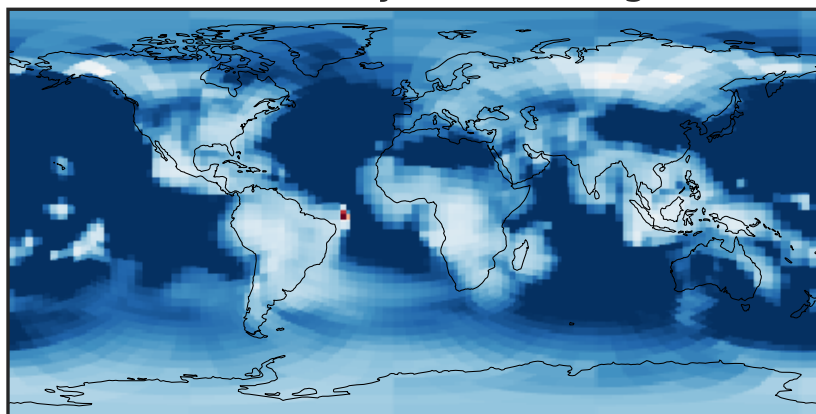
-0.0025 0.0000 0.0025
ppb

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



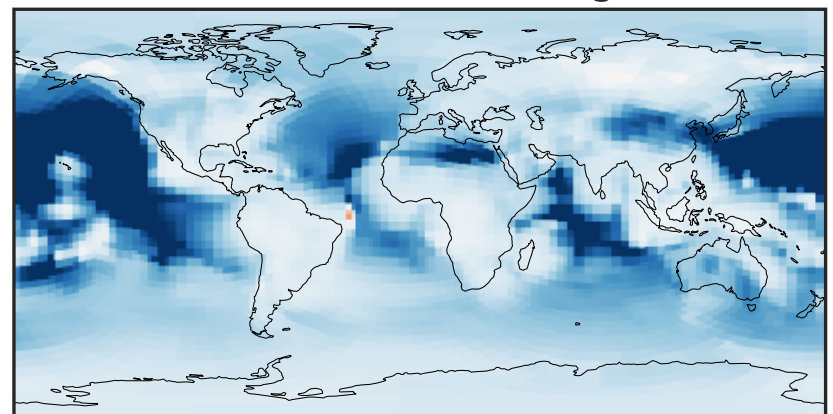
-8 0 8
ppb $1e-5$

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



0.7468 0.8734 1.0000 1.1696 1.3391
unitless

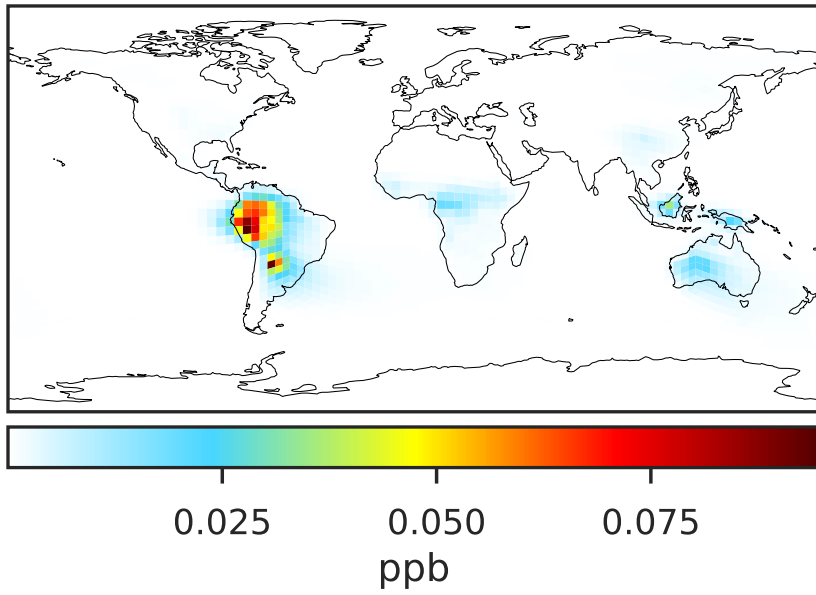
Ratio (1x1.25)
Dev/Ref, Fixed Range



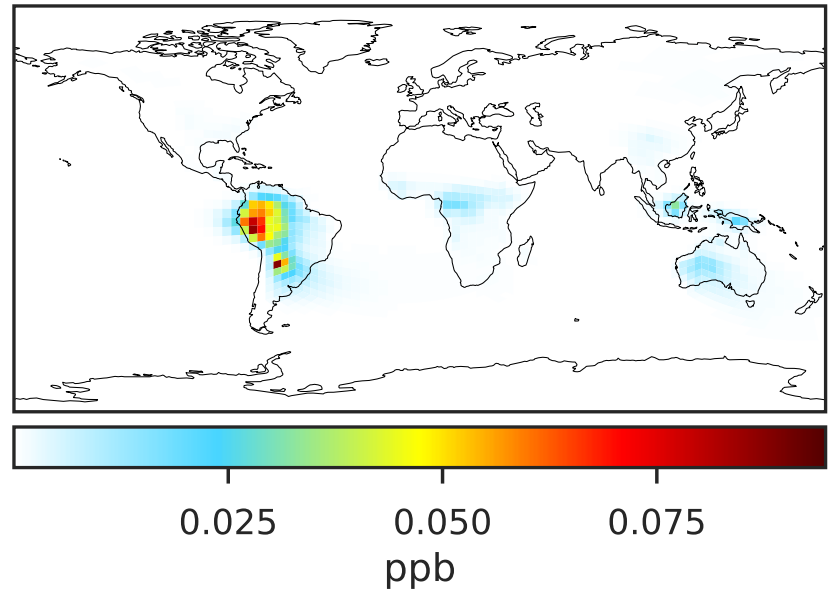
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_IEPOX (AnnualMean)

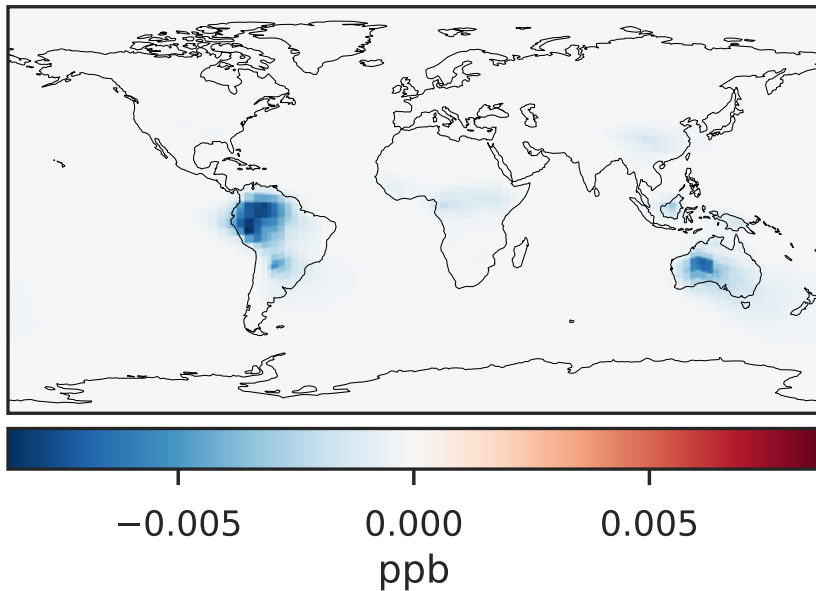
GCHP_14.0.0 (Ref)
c24



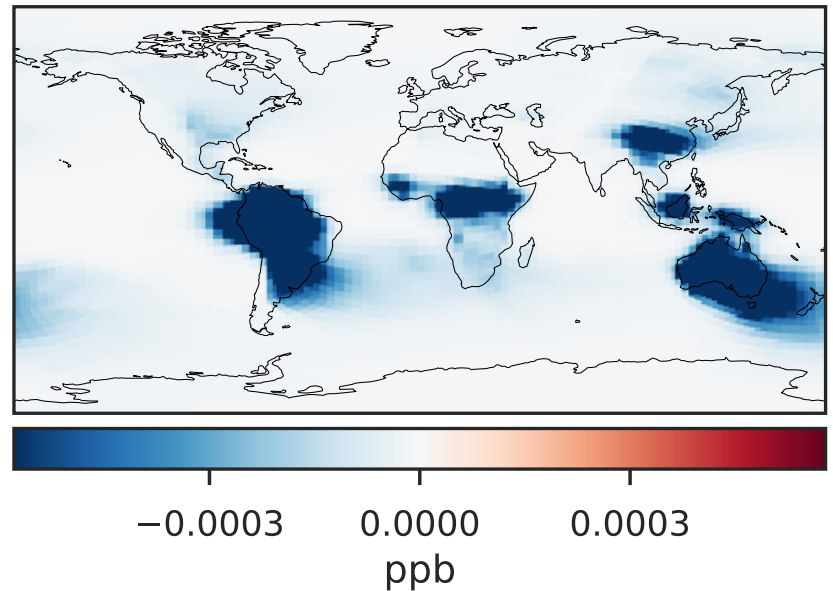
GCHP_14.2.0 (Dev)
c24



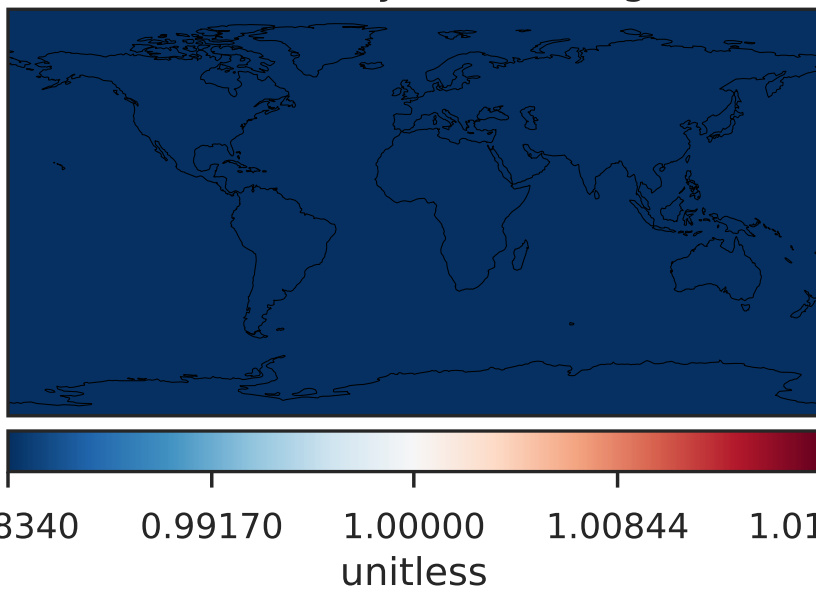
Difference (1x1.25)
Dev - Ref, Dynamic Range



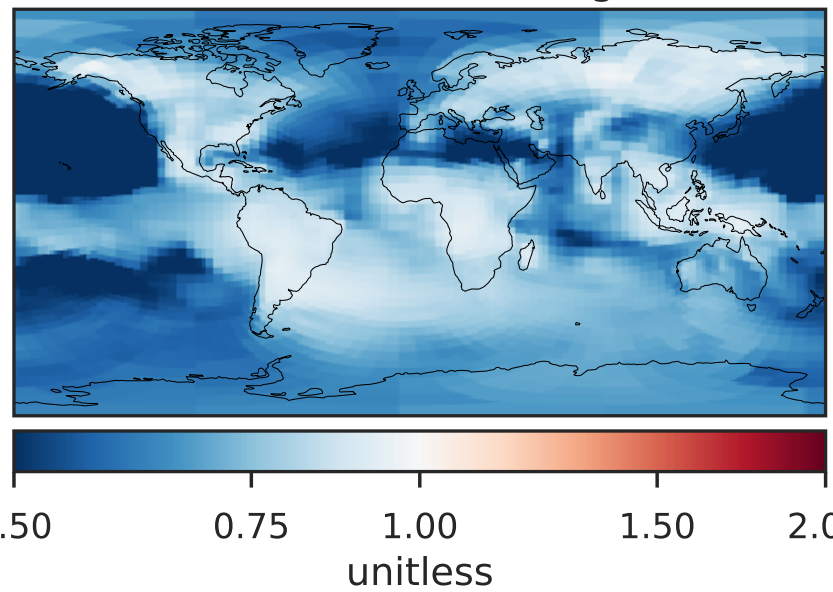
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

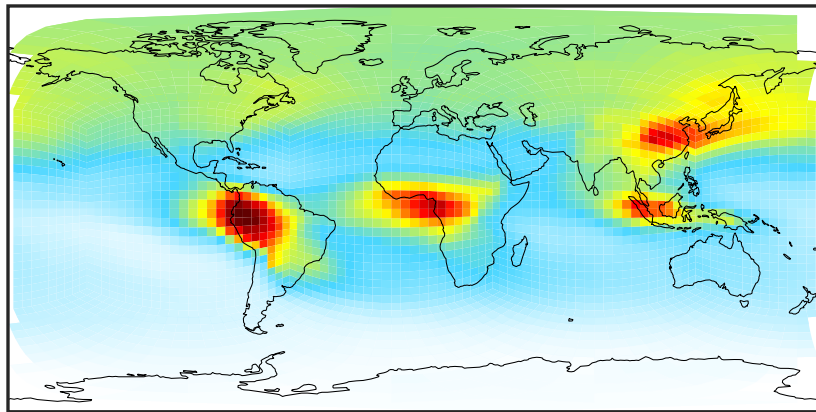


Ratio (1x1.25)
Dev/Ref, Fixed Range



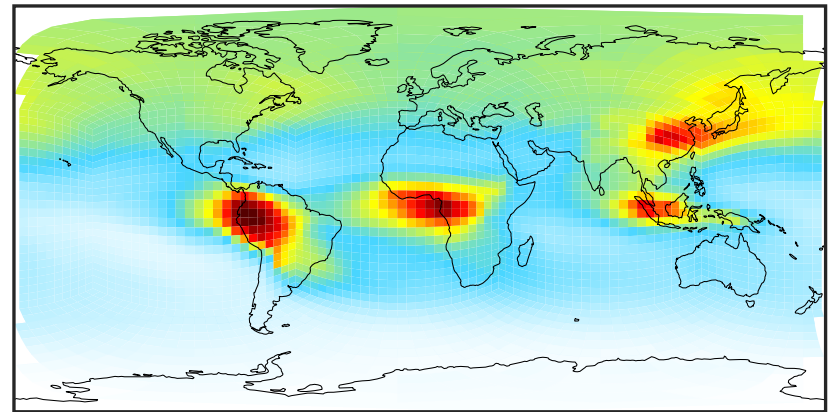
SpeciesConcVV_ACET (AnnualMean)

GCHP_14.0.0 (Ref)
c24



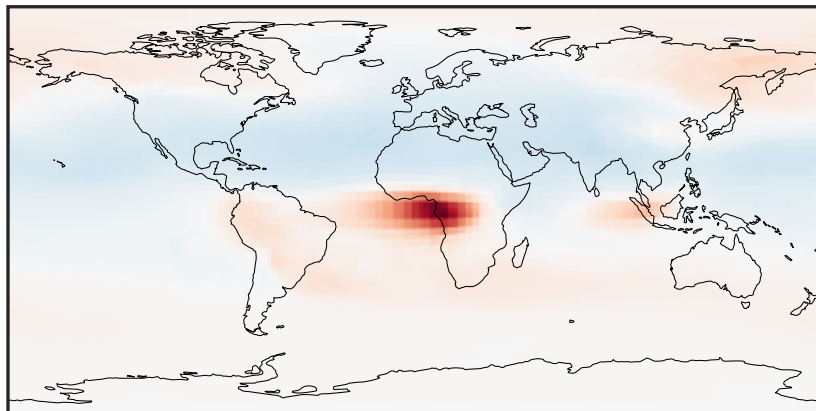
0.240 0.369 0.737 1.106 1.715
ppb

GCHP_14.2.0 (Dev)
c24



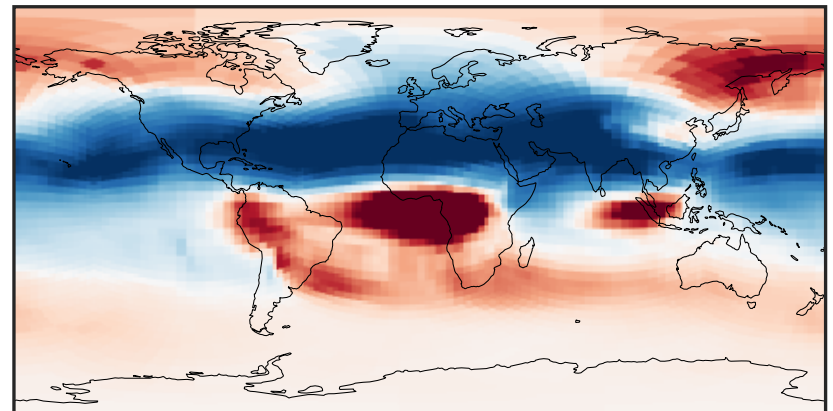
0.240 0.369 0.737 1.106 1.715
ppb

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



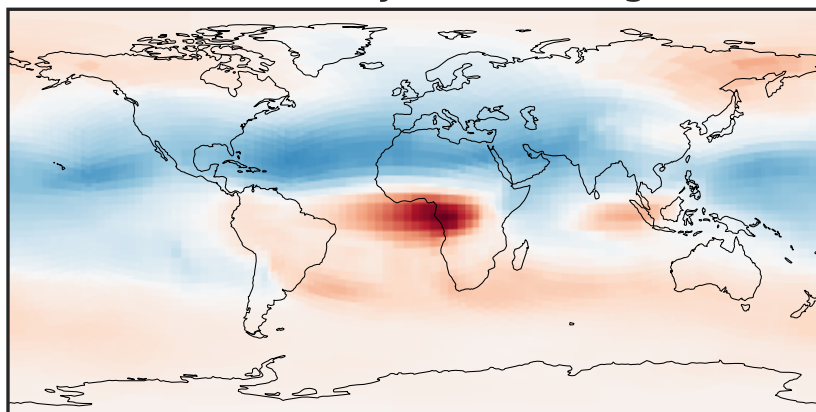
-0.1194 -0.0597 0.0000 0.0597 0.1194
ppb

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



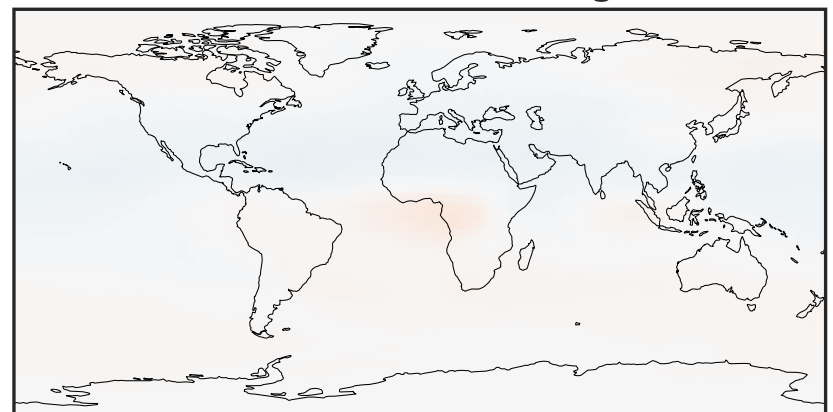
-0.015 0.000 0.015
ppb

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



0.9228 0.9614 1.0000 1.0419 1.0837
unitless

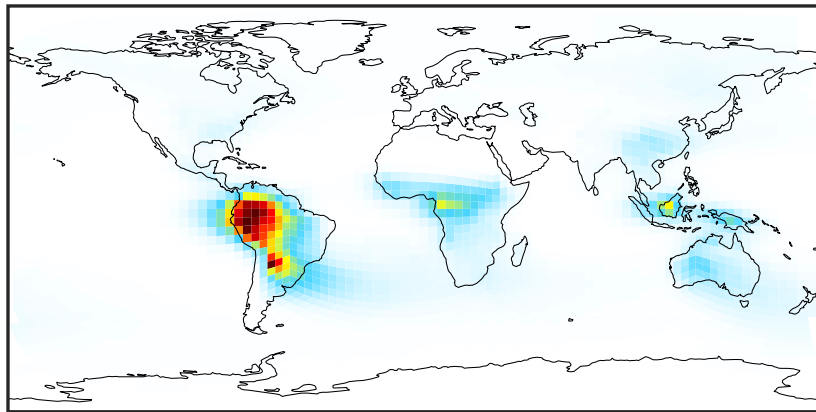
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

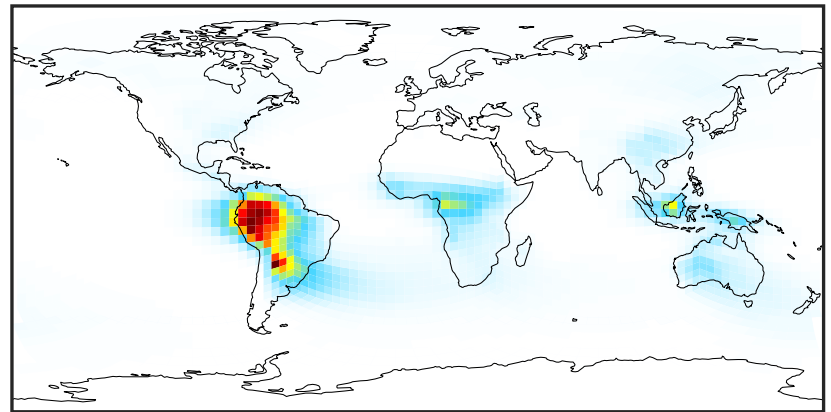
SpeciesConcVV_HAC (AnnualMean)

GCHP_14.0.0 (Ref)
c24



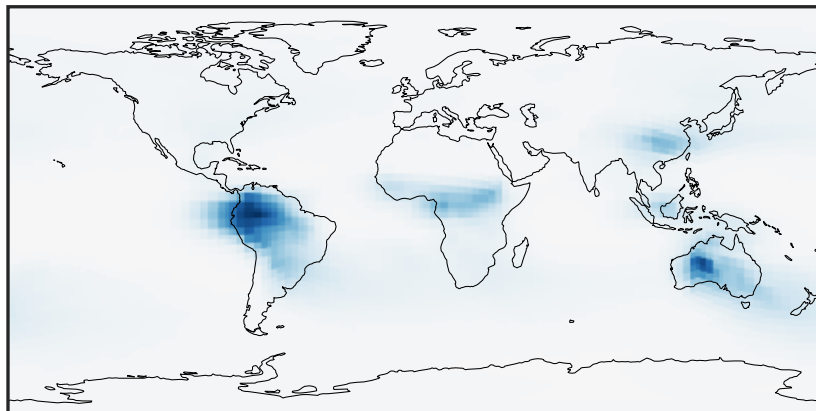
0.0002 0.0435 0.0871 0.1306 0.1744
ppb

GCHP_14.2.0 (Dev)
c24



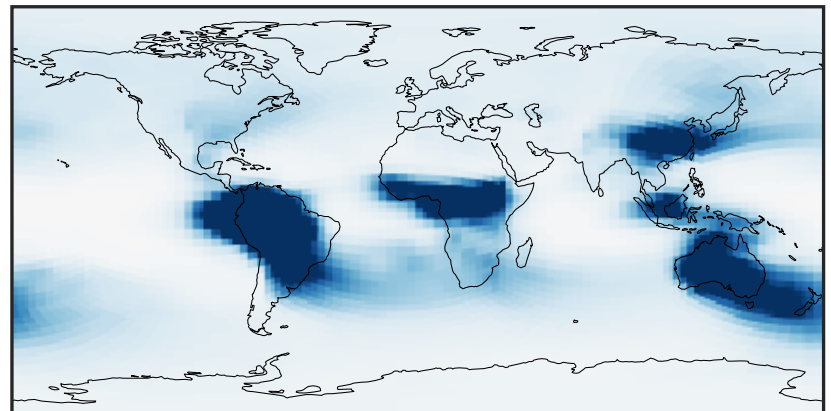
0.0002 0.0435 0.0871 0.1306 0.1744
ppb

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



-0.006 0.000 0.006
ppb

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



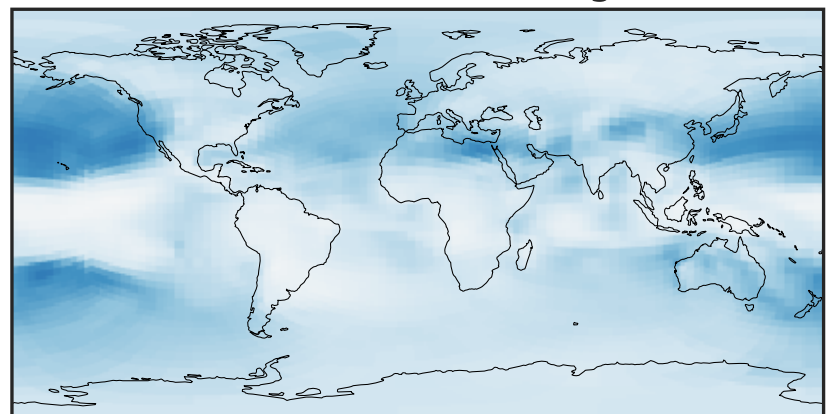
-0.001 0.000 0.001
ppb

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



0.98614 0.99307 1.00000 1.00703 1.01405
unitless

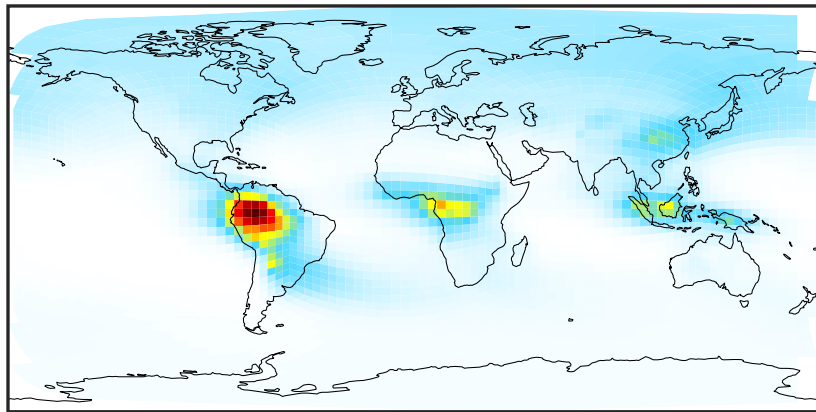
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

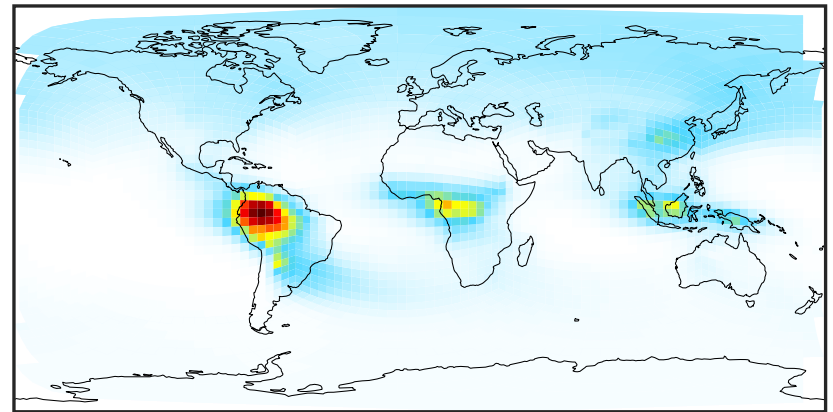
SpeciesConcVV_MEK (AnnualMean)

GCHP_14.0.0 (Ref)
c24



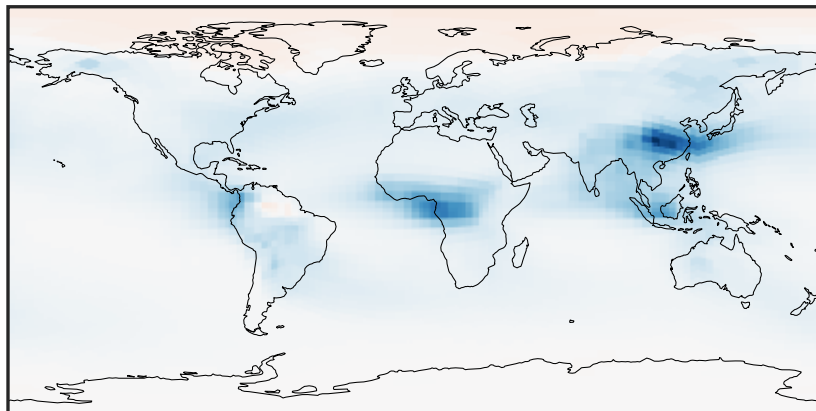
0.0002 0.0622 0.1243 0.1865 0.2488
ppb

GCHP_14.2.0 (Dev)
c24



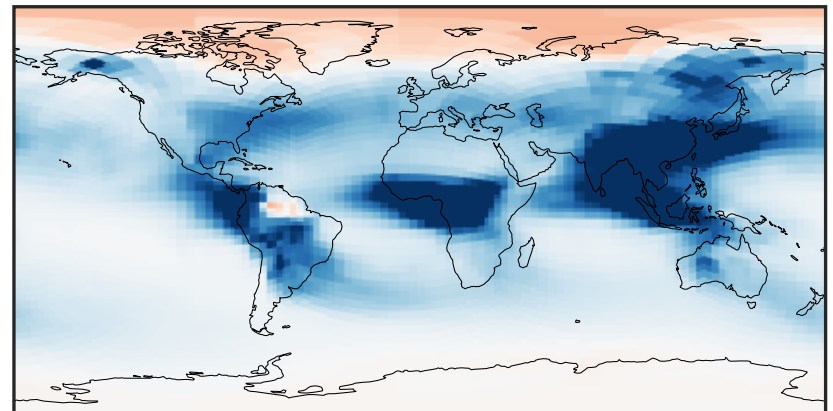
0.0002 0.0622 0.1243 0.1865 0.2488
ppb

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



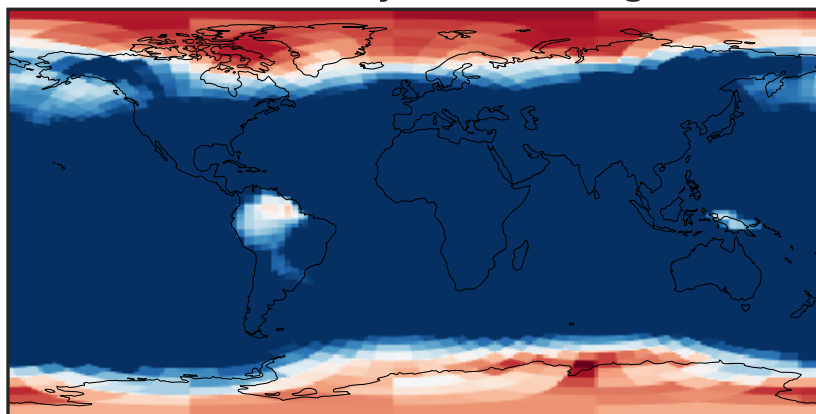
-0.002 0.000 0.002
ppb

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



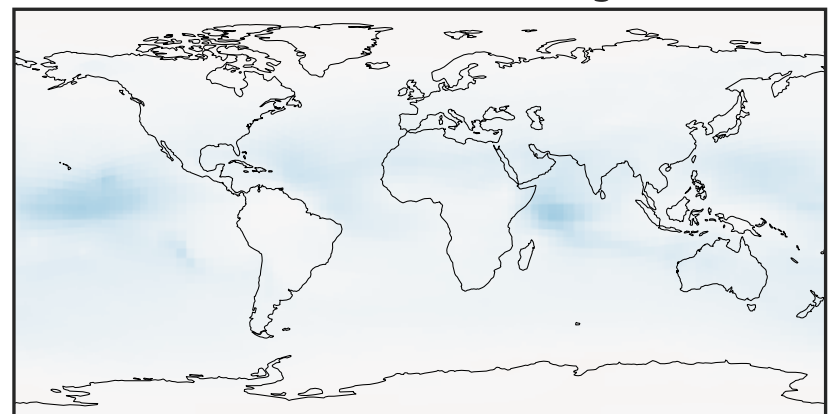
-0.0006 0.0000 0.0006
ppb

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



0.98741 0.99371 1.00000 1.00637 1.01275
unitless

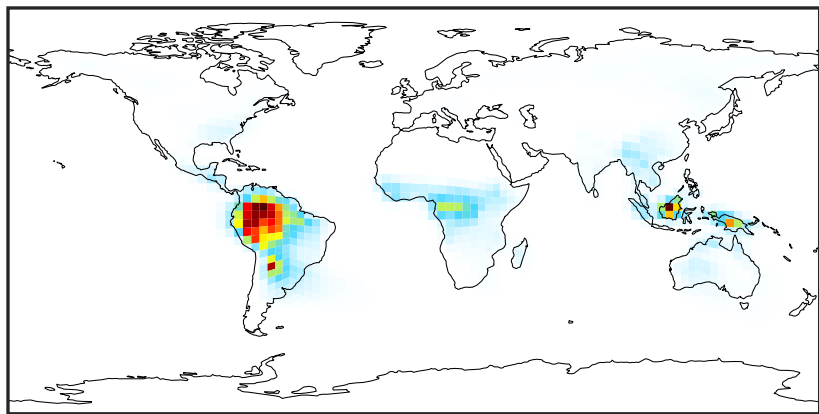
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

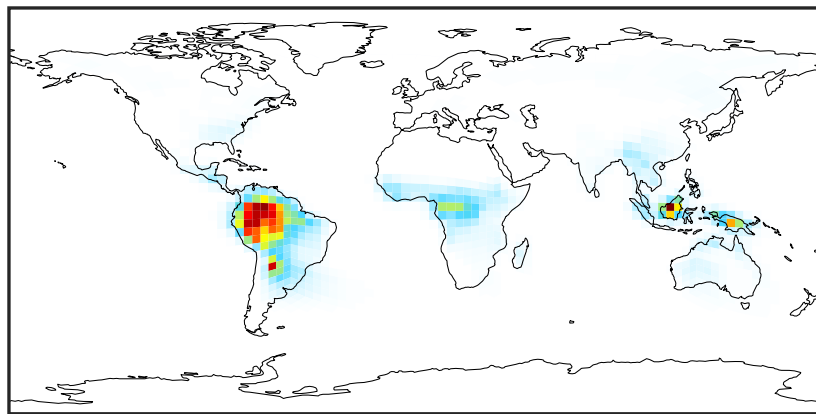
SpeciesConcVW_MVK (AnnualMean)

GCHP_14.0.0 (Ref)
c24



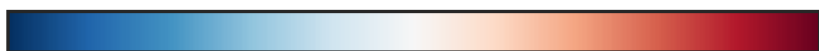
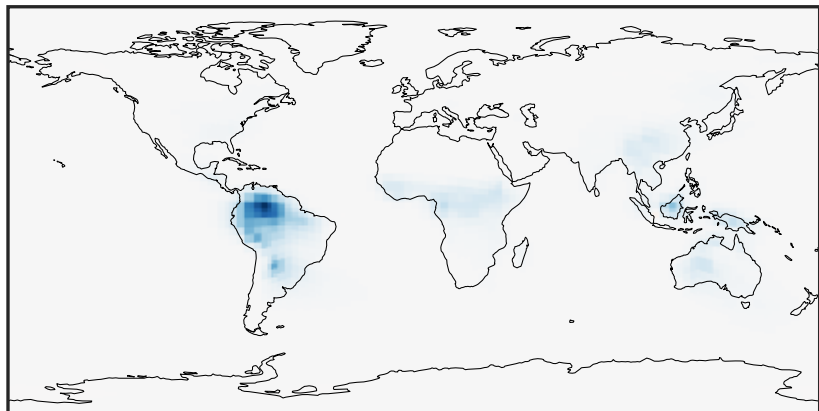
0.025 0.050 0.075
ppb

GCHP_14.2.0 (Dev)
c24



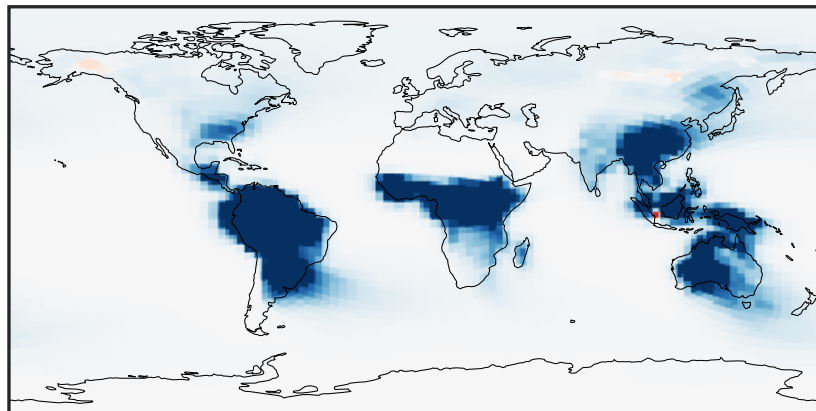
0.025 0.050 0.075
ppb

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



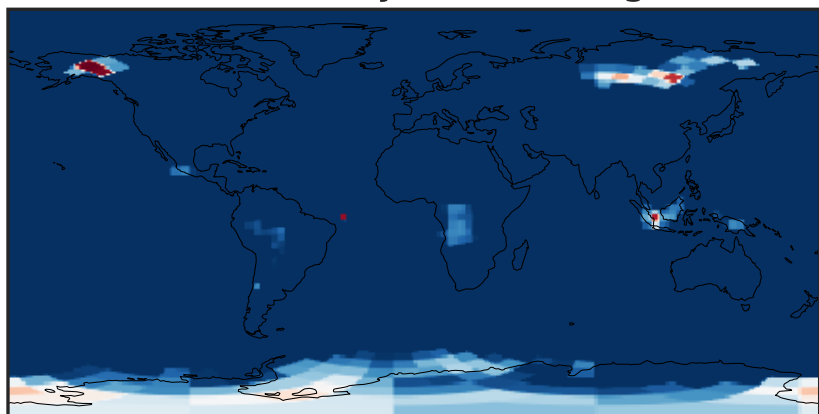
-0.004 0.000 0.004
ppb

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



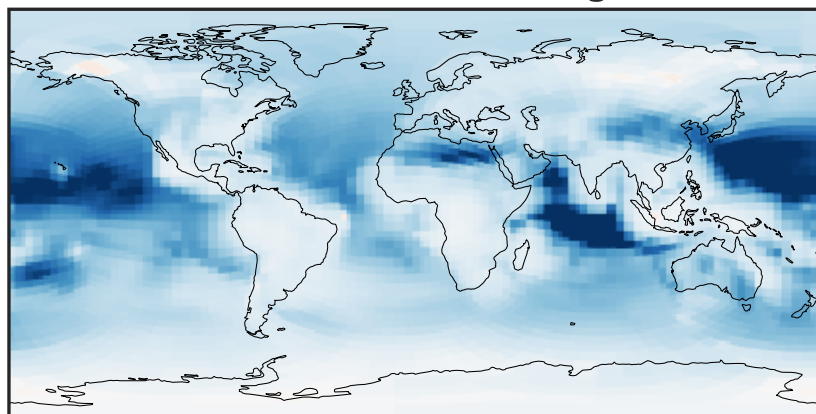
-0.0002 0.0000 0.0002
ppb

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



0.9453 0.9727 1.0000 1.0289 1.0578
unitless

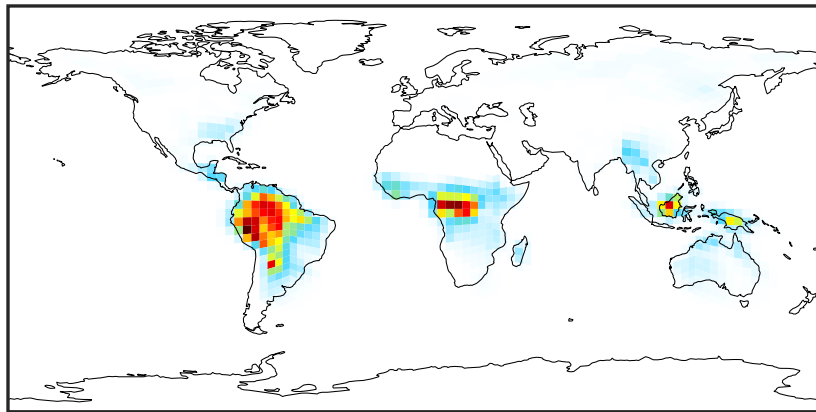
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

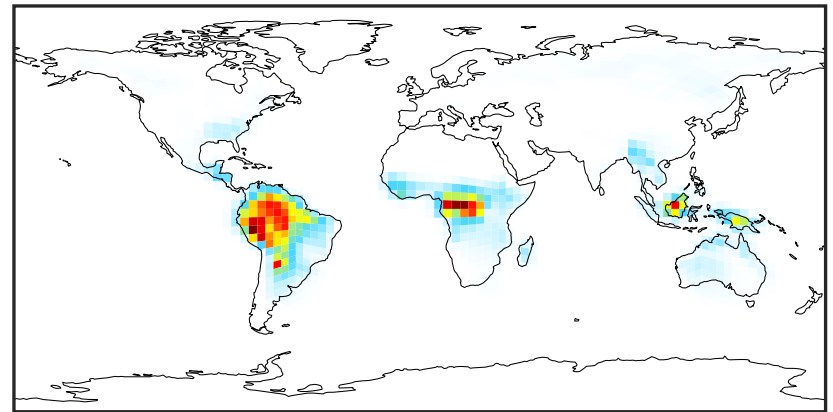
SpeciesConcVV_ISOPN (AnnualMean)

GCHP_14.0.0 (Ref)
c24



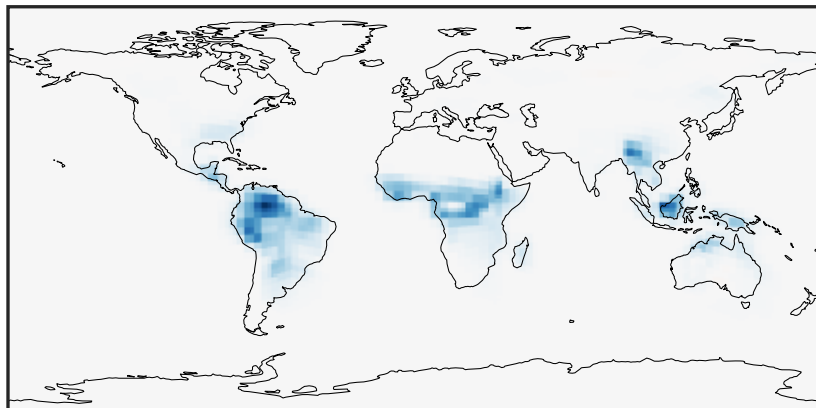
0.0000 0.0003 0.0006 0.0009
ppb

GCHP_14.2.0 (Dev)
c24



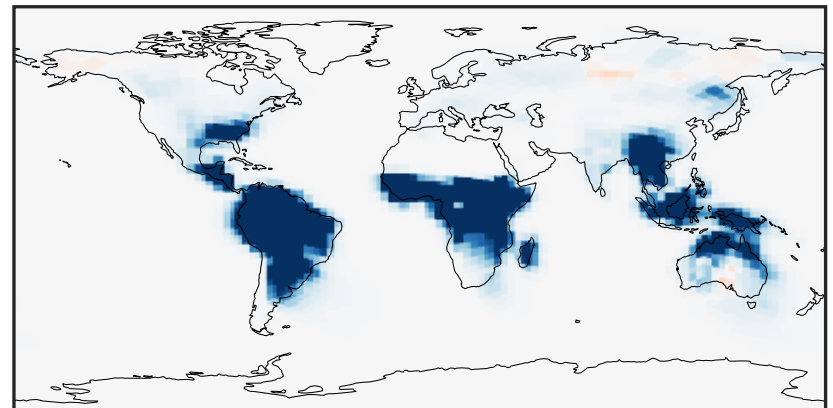
0.0000 0.0003 0.0006 0.0009
ppb

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



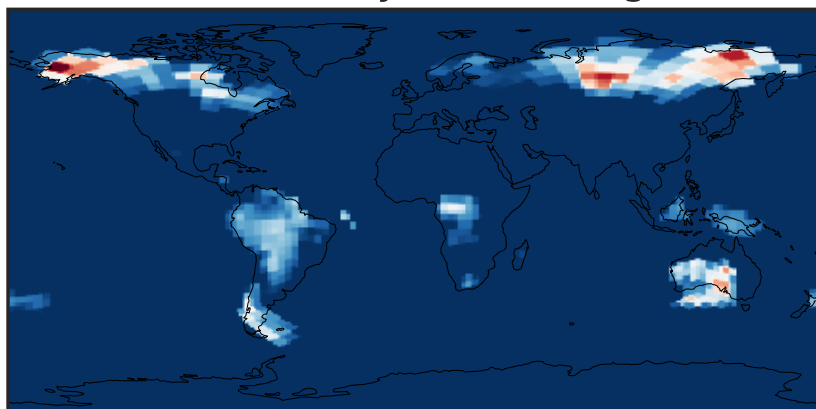
-4 0 4
ppb $1e-5$

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



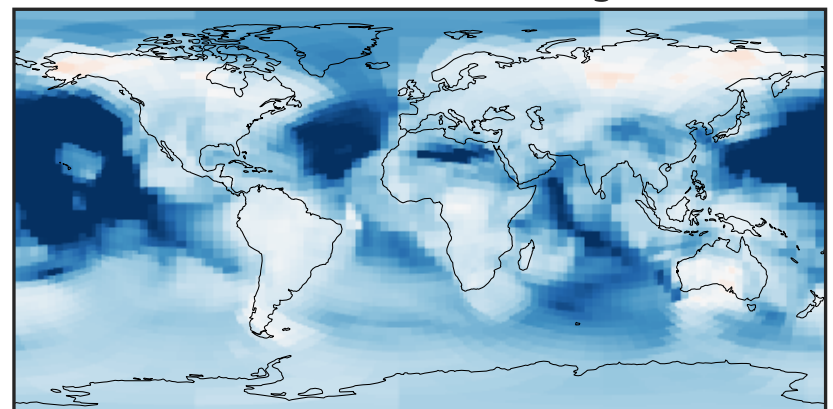
-4 0 4
ppb $1e-6$

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



0.8974 0.9487 1.0000 1.0571 1.1143
unitless

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



0.50 0.75 1.00 1.50 2.00
unitless

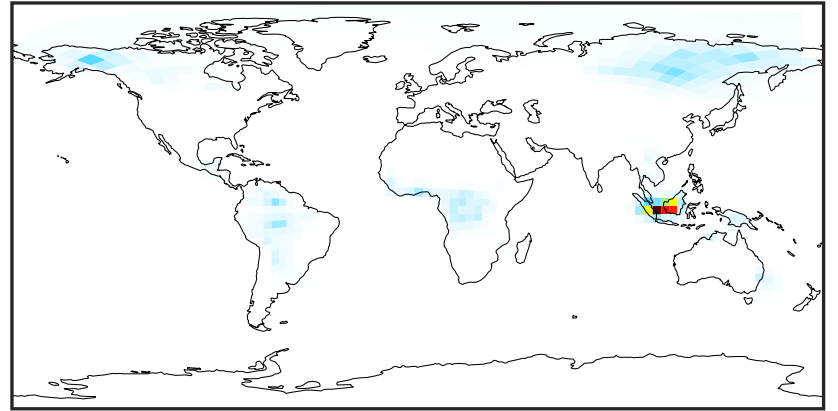
SpeciesConcVW_FURA (AnnualMean)

GCHP_14.0.0 (Ref)
c24



Undefined throughout domain
ppb

GCHP_14.2.0 (Dev)
c24



0.0000 0.0005 0.0010 0.0015
ppb

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



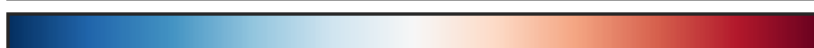
Undefined throughout domain
ppb

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



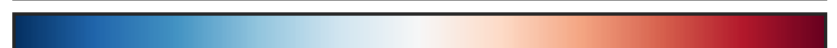
Undefined throughout domain
ppb

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



Undefined throughout domain
unitless

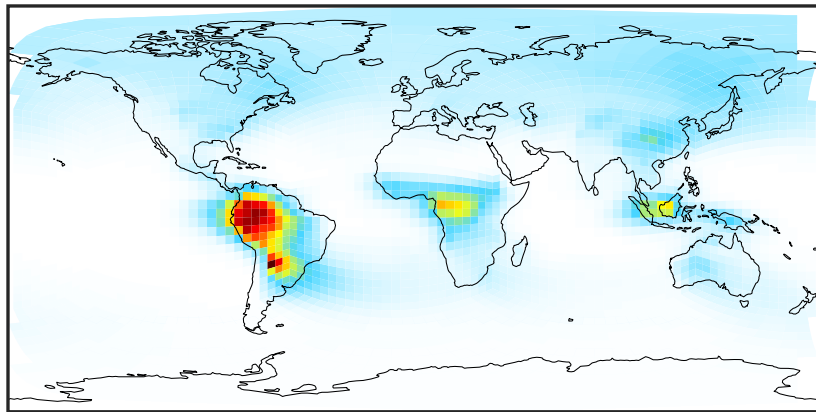
Ratio (1x1.25)
Dev/Ref, Fixed Range



Undefined throughout domain
unitless

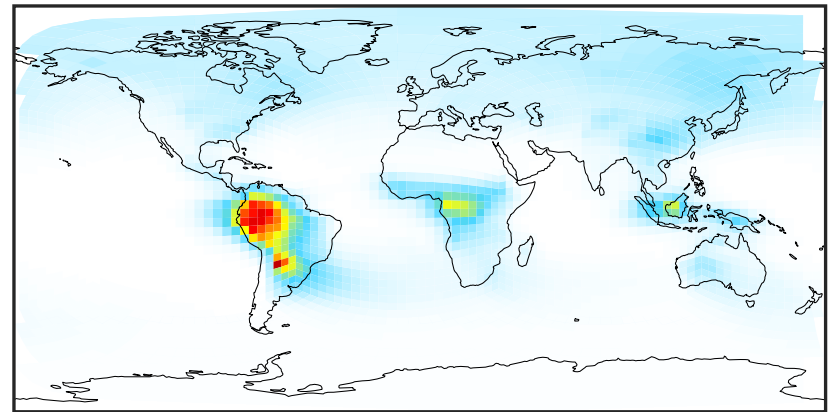
SpeciesConcVV_GLYC (AnnualMean)

GCHP_14.0.0 (Ref)
c24



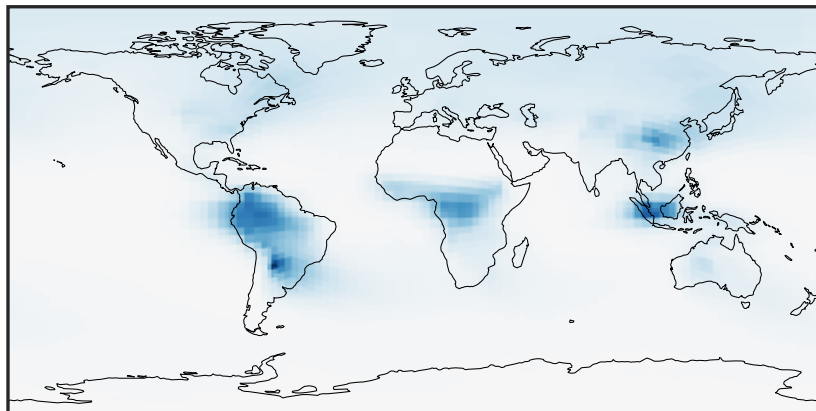
0.0000 0.0261 0.0522 0.0783 0.1044
ppb

GCHP_14.2.0 (Dev)
c24



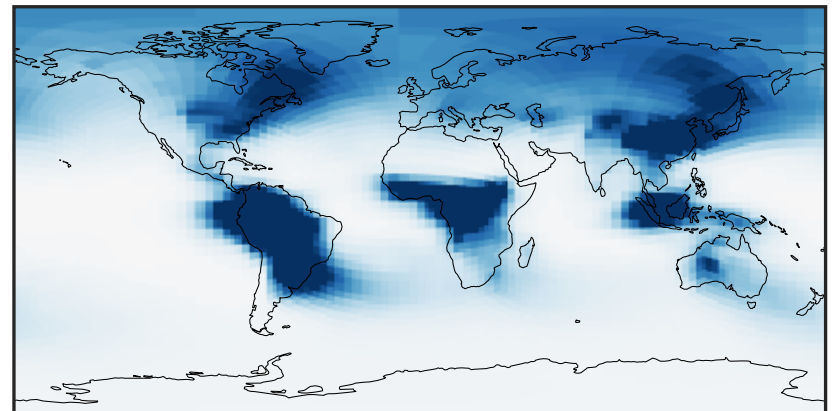
0.0000 0.0261 0.0522 0.0783 0.1044
ppb

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



-0.01 0.00 0.01
ppb

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



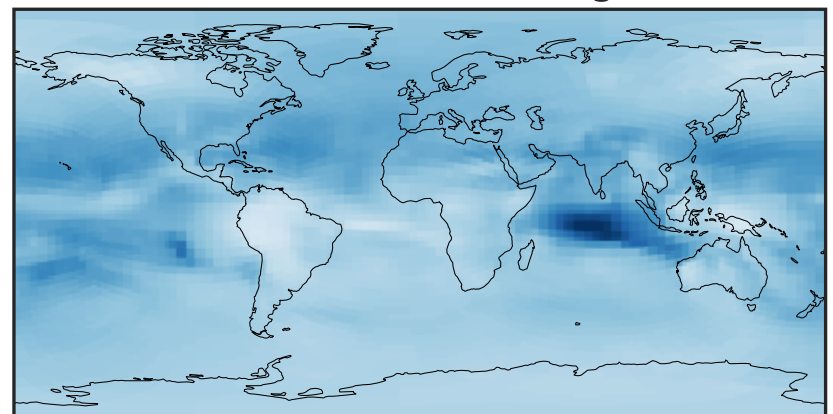
-0.002 0.000 0.002
ppb

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



0.8916 0.9458 1.0000 1.0608 1.1216
unitless

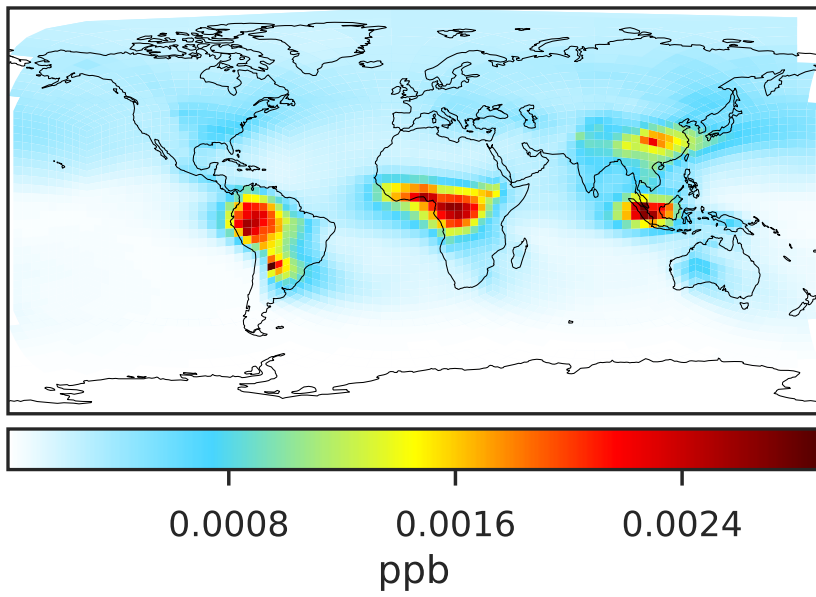
Ratio (1x1.25)
Dev/Ref, Fixed Range



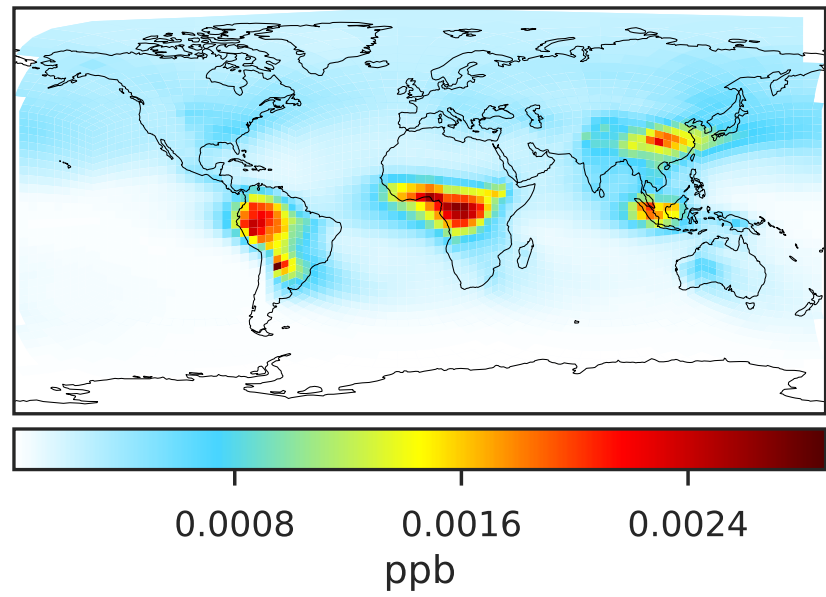
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_GLYX (AnnualMean)

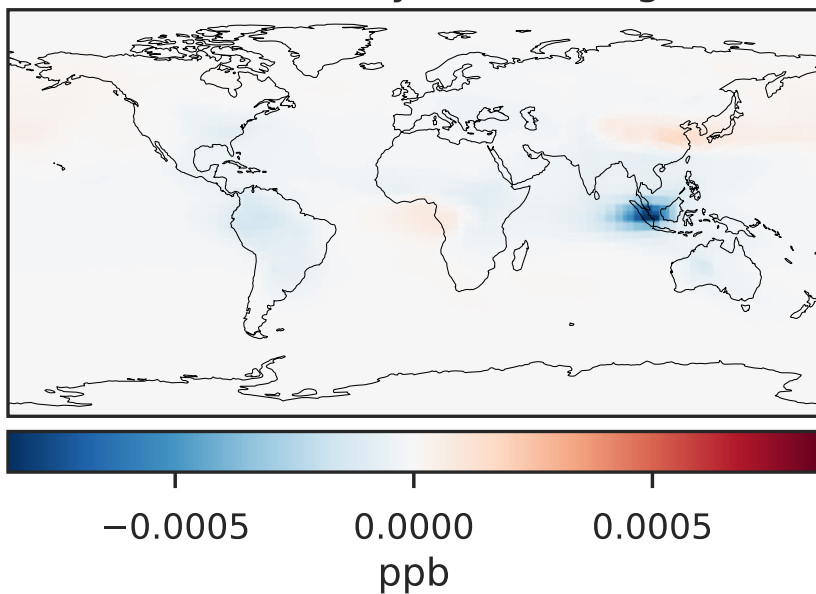
GCHP_14.0.0 (Ref)
c24



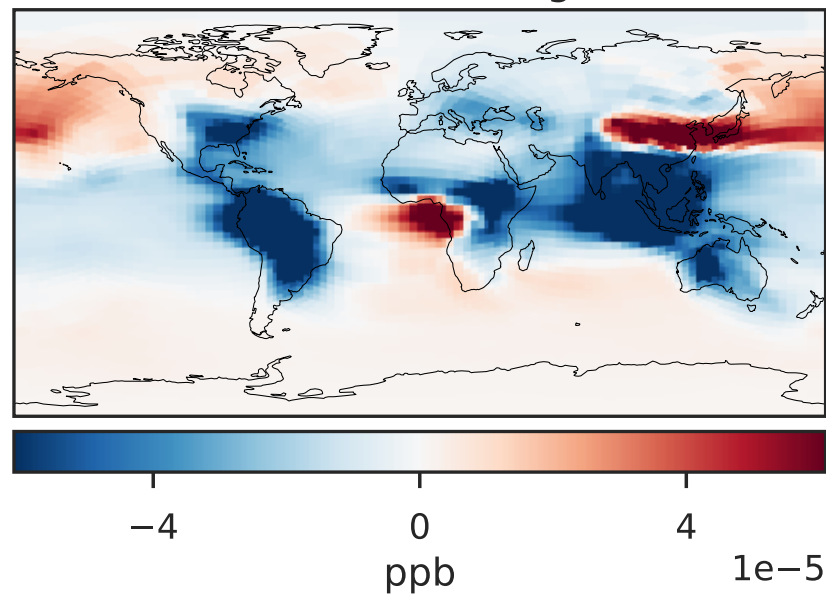
GCHP_14.2.0 (Dev)
c24



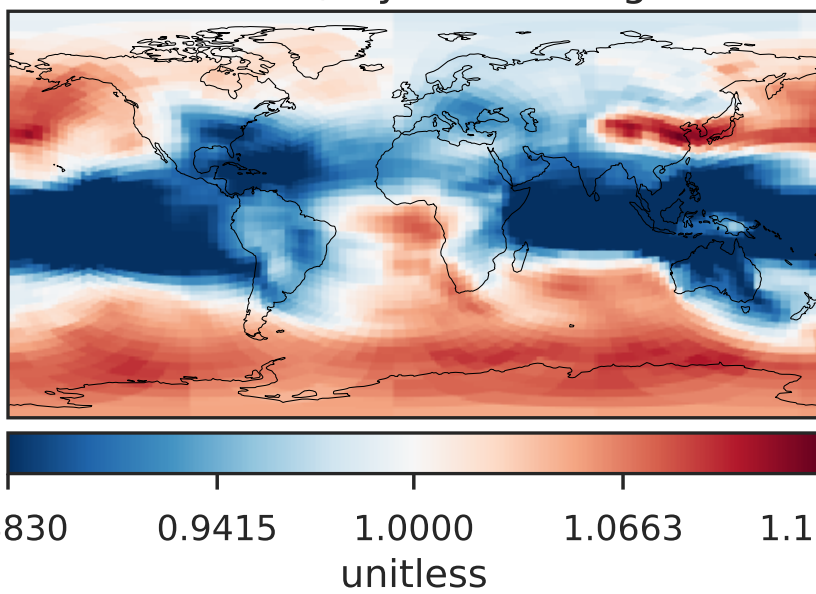
Difference (1x1.25)
Dev - Ref, Dynamic Range



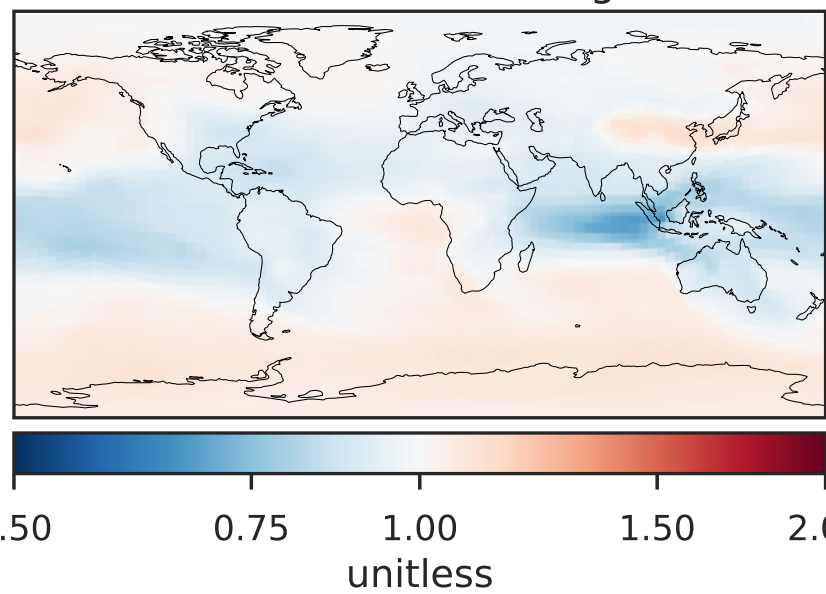
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

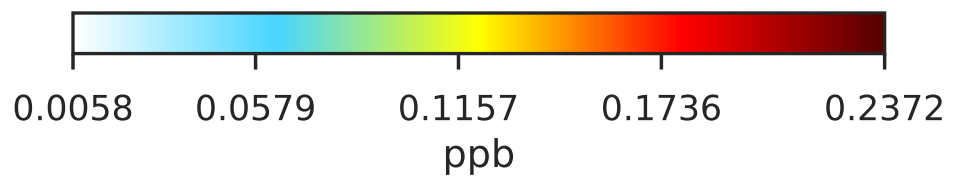
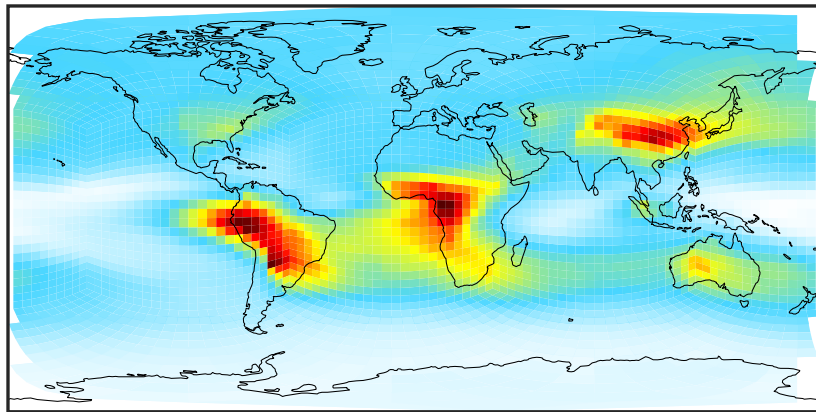


Ratio (1x1.25)
Dev/Ref, Fixed Range

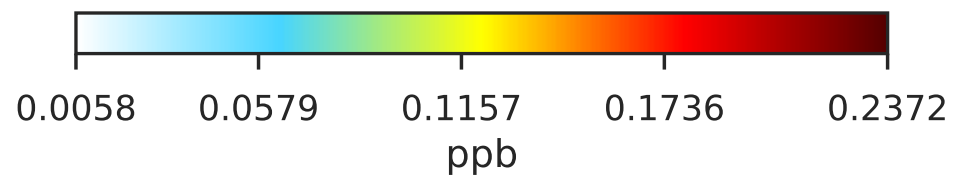
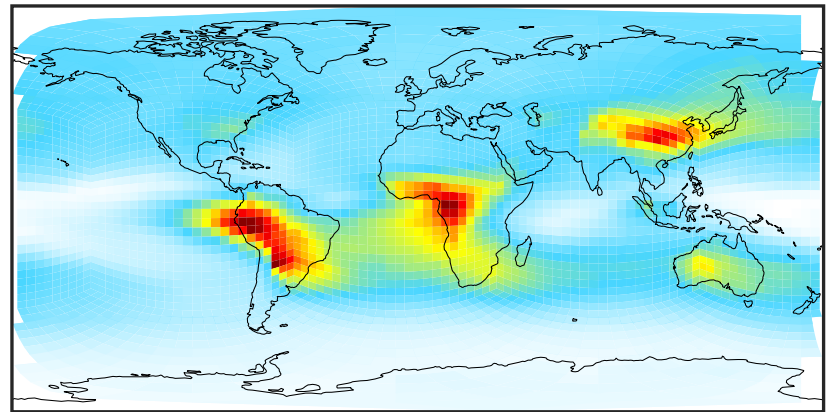


SpeciesConcVV_HCOOH (AnnualMean)

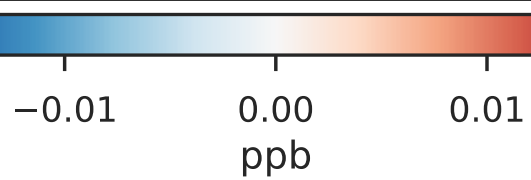
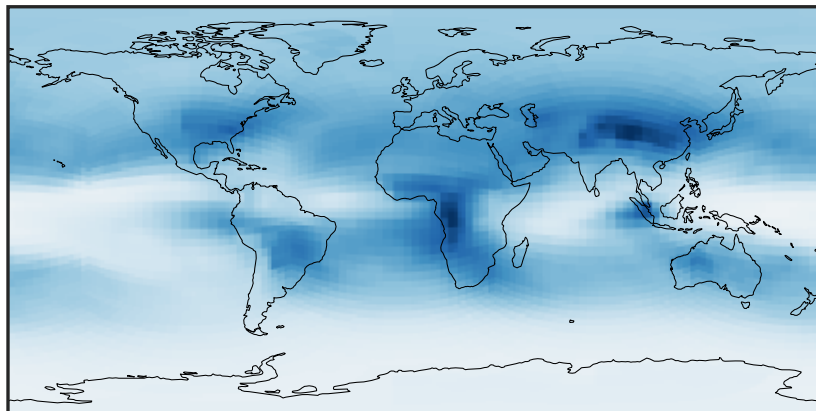
GCHP_14.0.0 (Ref)
c24



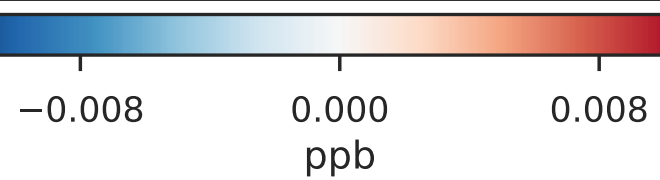
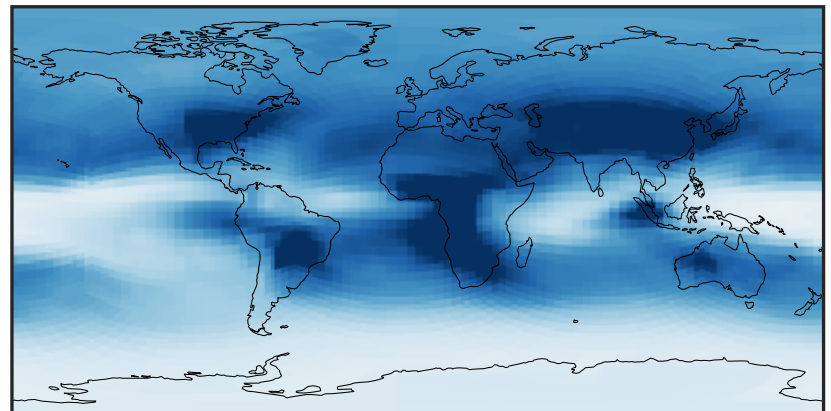
GCHP_14.2.0 (Dev)
c24



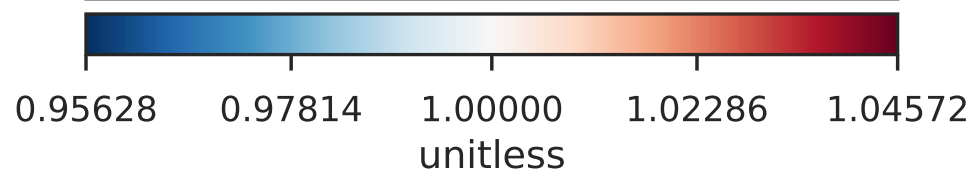
Difference (1x1.25)
Dev - Ref, Dynamic Range



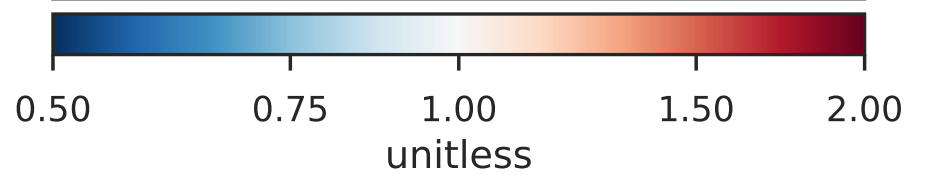
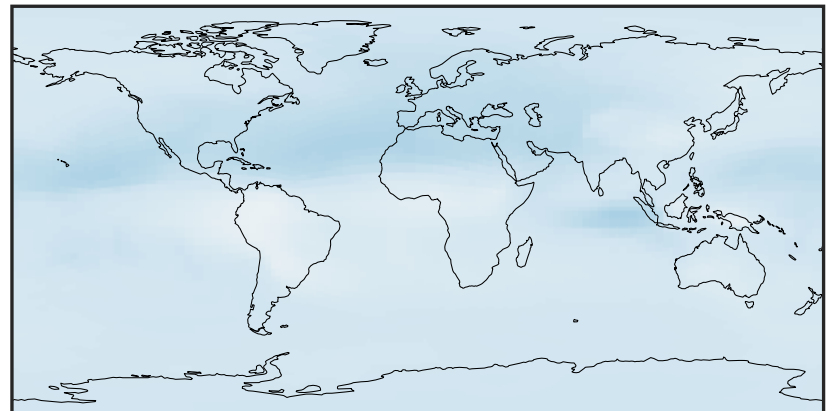
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

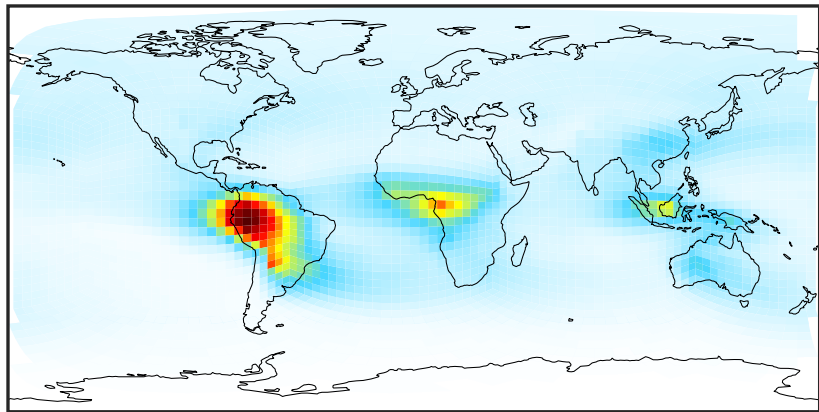


Ratio (1x1.25)
Dev/Ref, Fixed Range



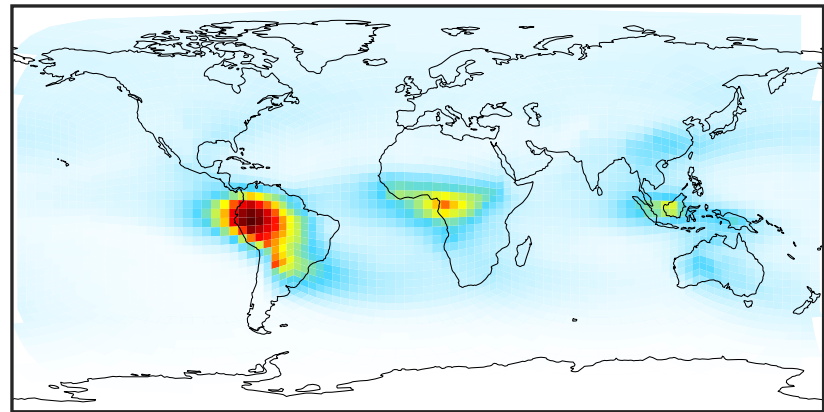
SpeciesConcVV_MAP (AnnualMean)

GCHP_14.0.0 (Ref)
c24



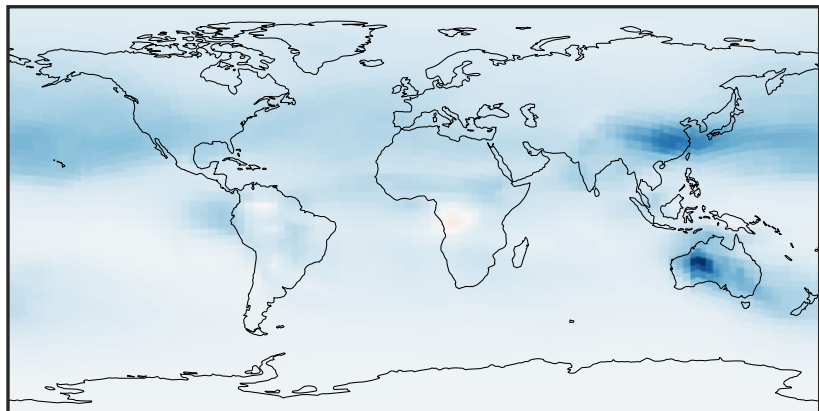
0.0044 0.0802 0.1604 0.2407 0.3253
ppb

GCHP_14.2.0 (Dev)
c24



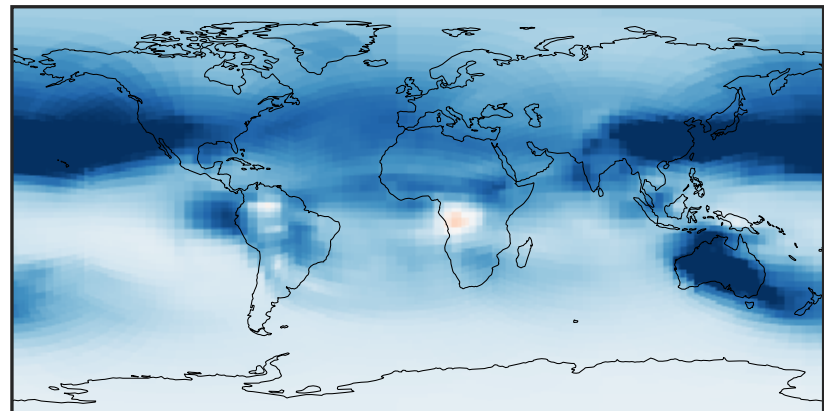
0.0044 0.0802 0.1604 0.2407 0.3253
ppb

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



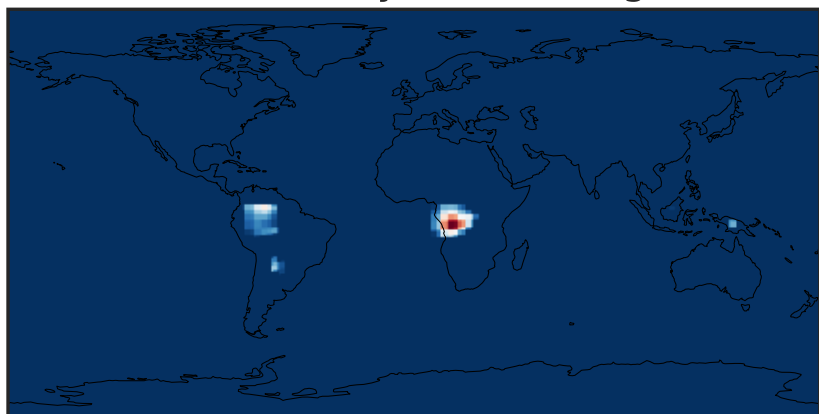
-0.008 0.000 0.008
ppb

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



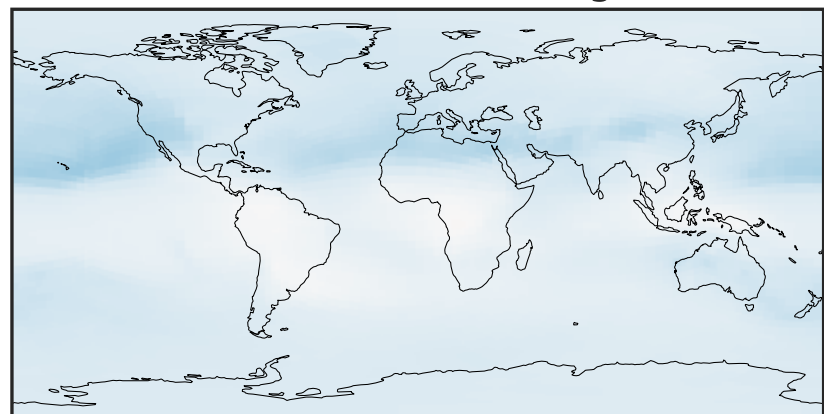
-0.0025 0.0000 0.0025
ppb

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



0.99085 0.99543 1.00000 1.00462 1.00923
unitless

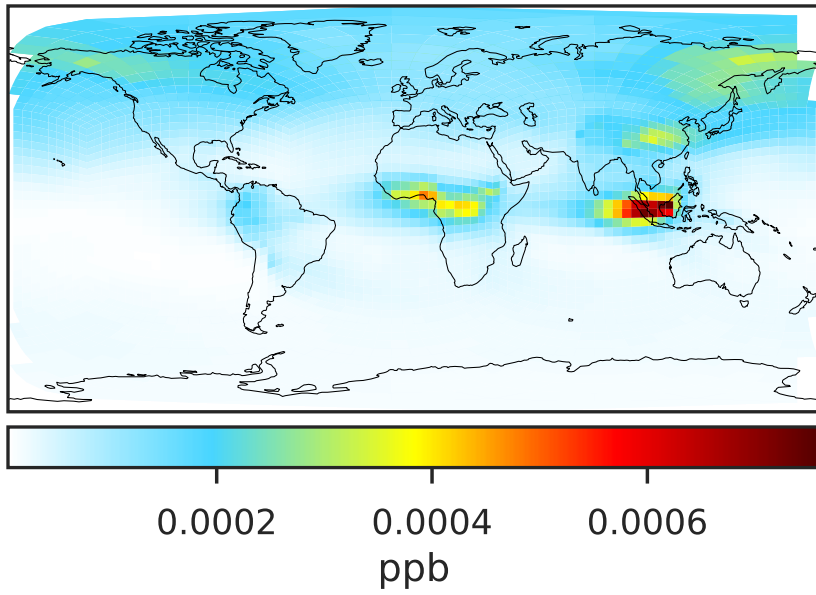
Ratio (1x1.25)
Dev/Ref, Fixed Range



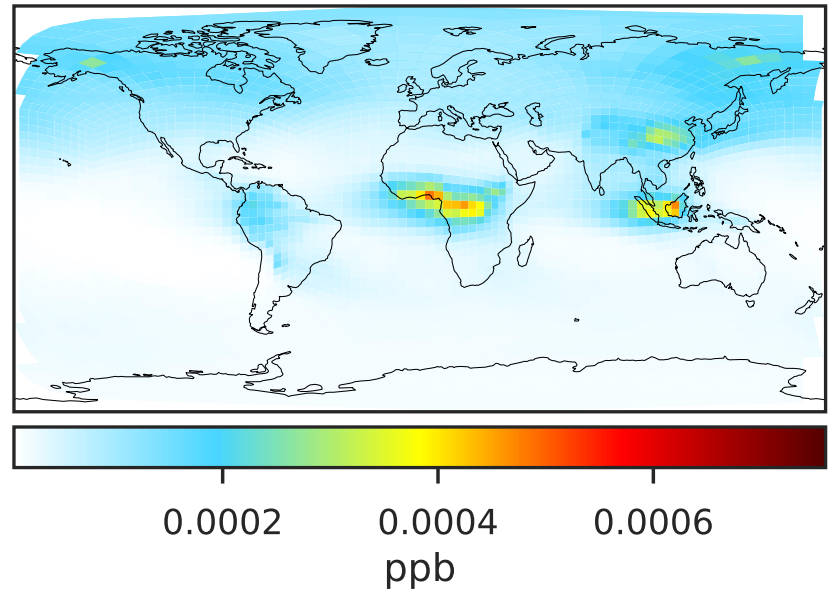
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_PHEN (AnnualMean)

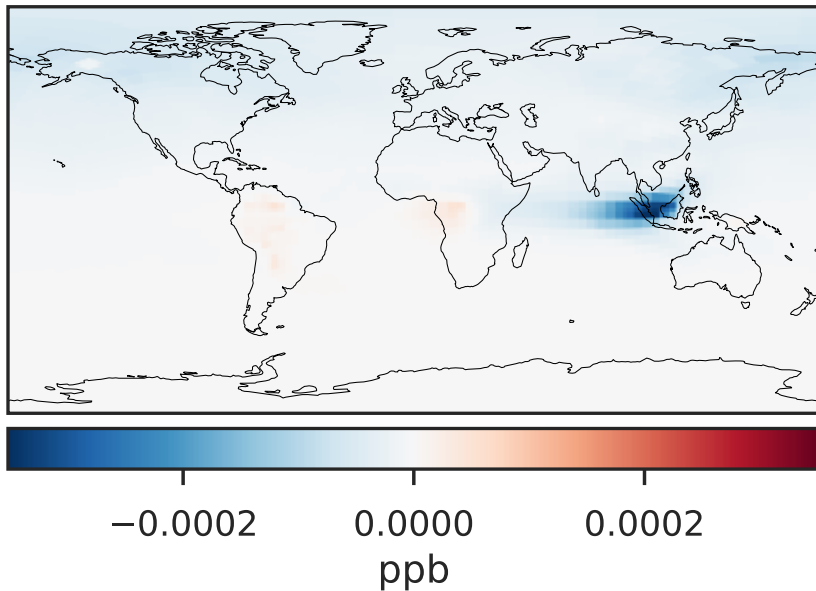
GCHP_14.0.0 (Ref)
c24



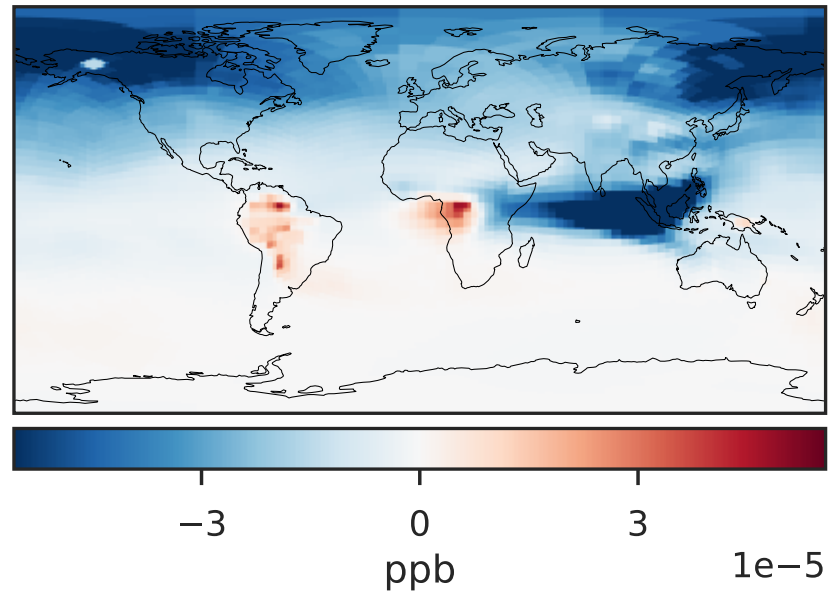
GCHP_14.2.0 (Dev)
c24



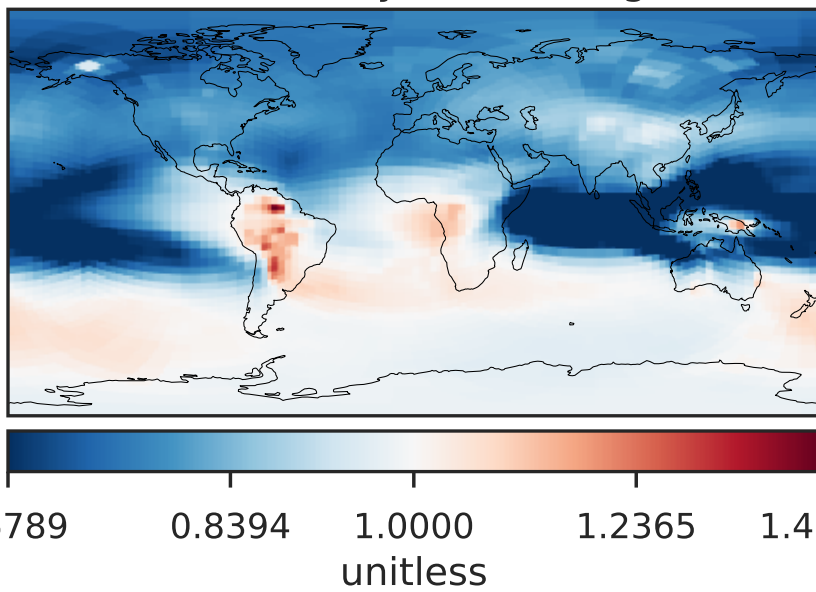
Difference (1x1.25)
Dev - Ref, Dynamic Range



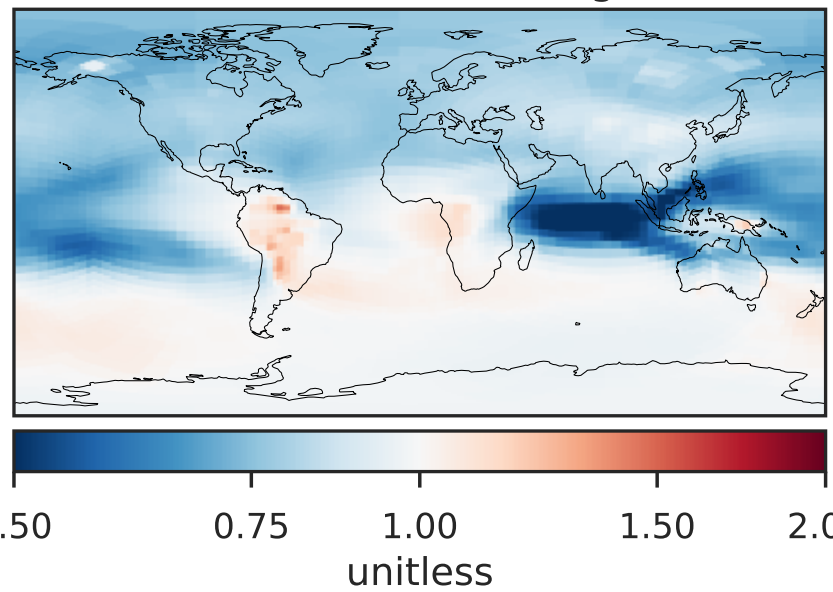
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

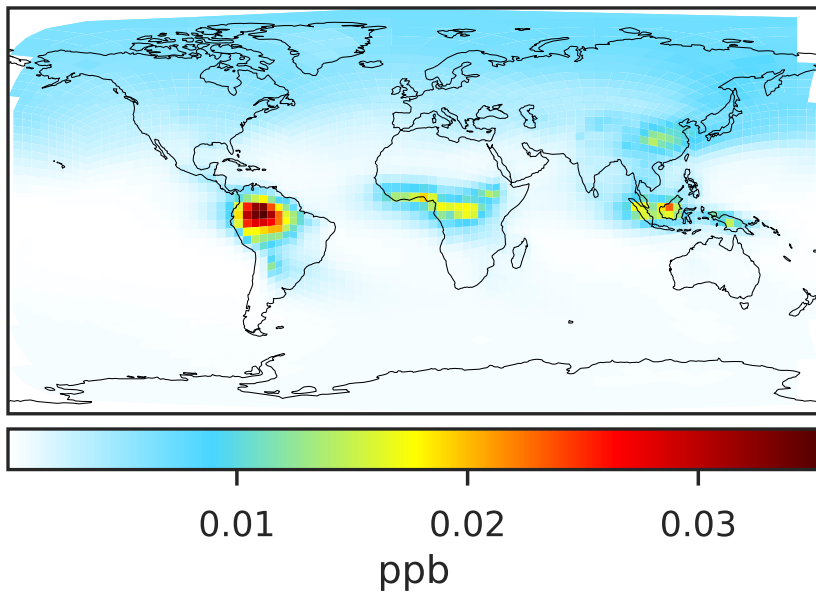


Ratio (1x1.25)
Dev/Ref, Fixed Range

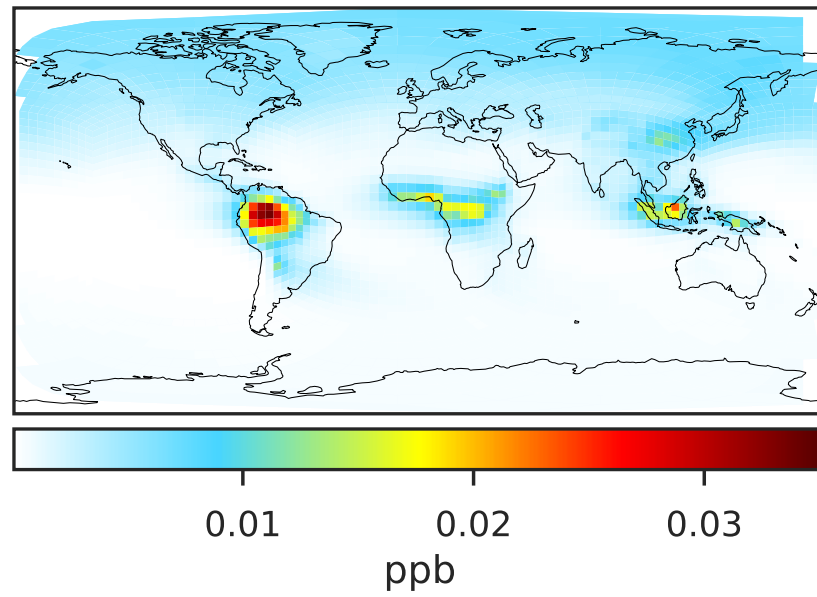


SpeciesConcVV_RCHO (AnnualMean)

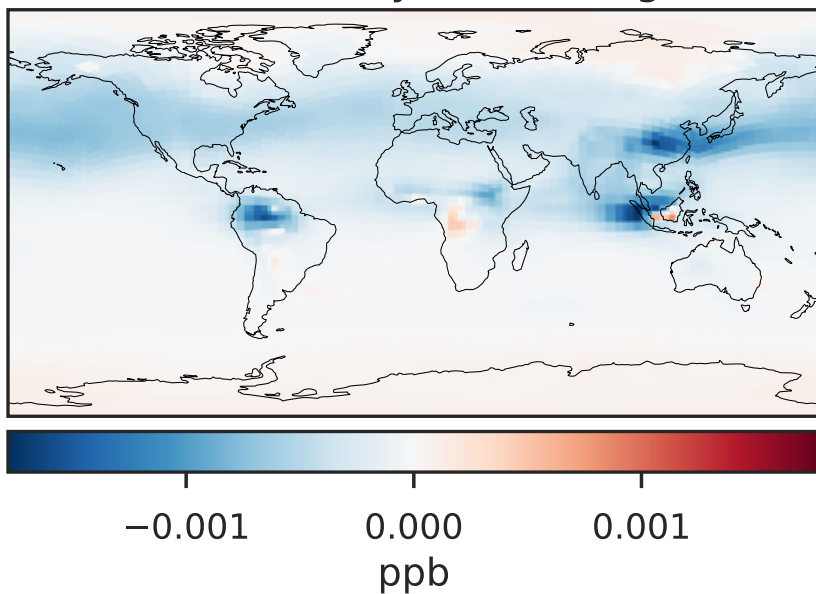
GCHP_14.0.0 (Ref)
c24



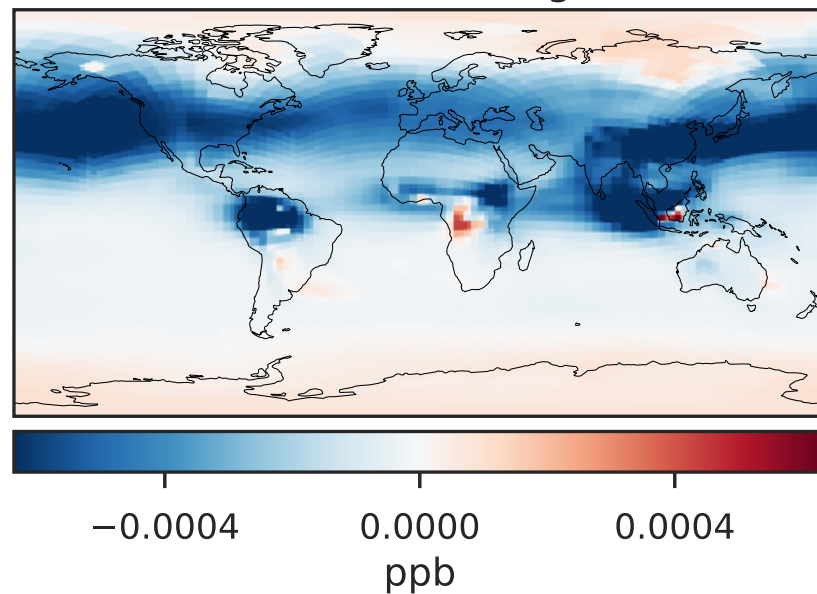
GCHP_14.2.0 (Dev)
c24



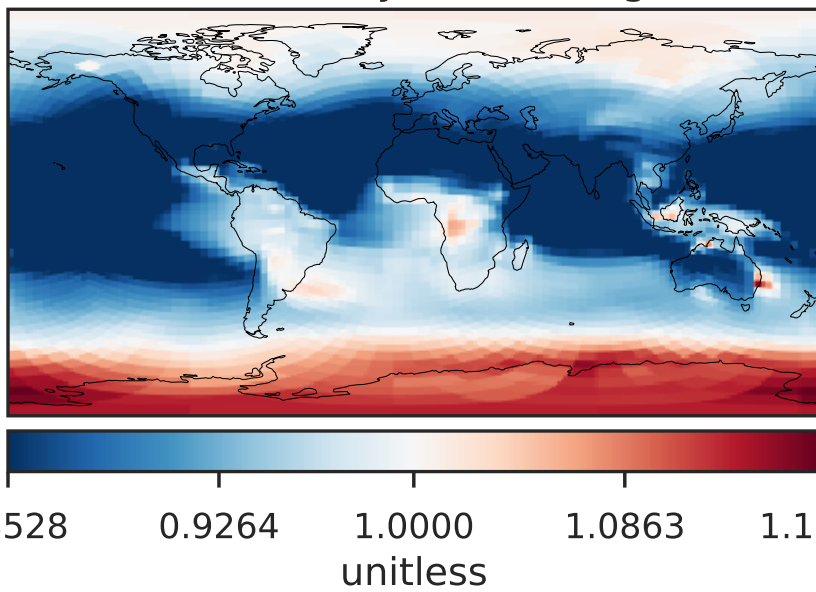
Difference (1x1.25)
Dev - Ref, Dynamic Range



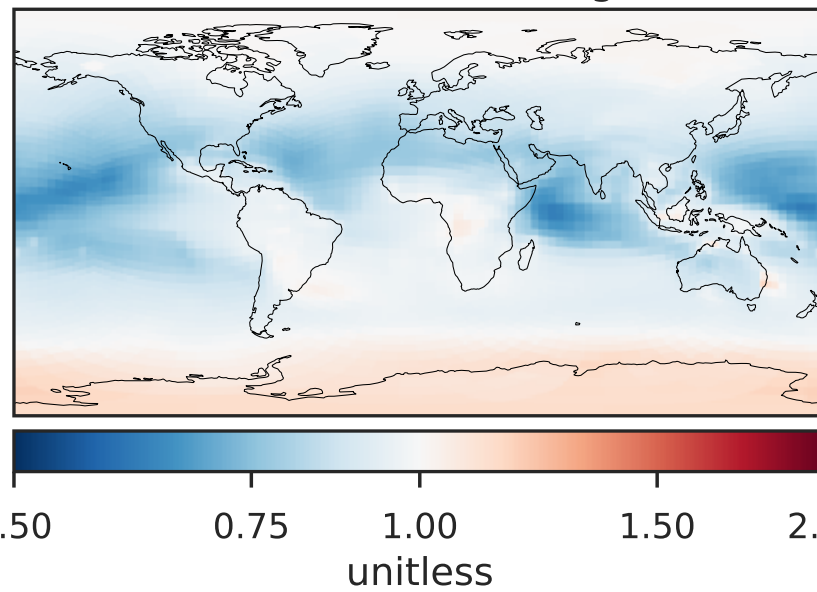
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

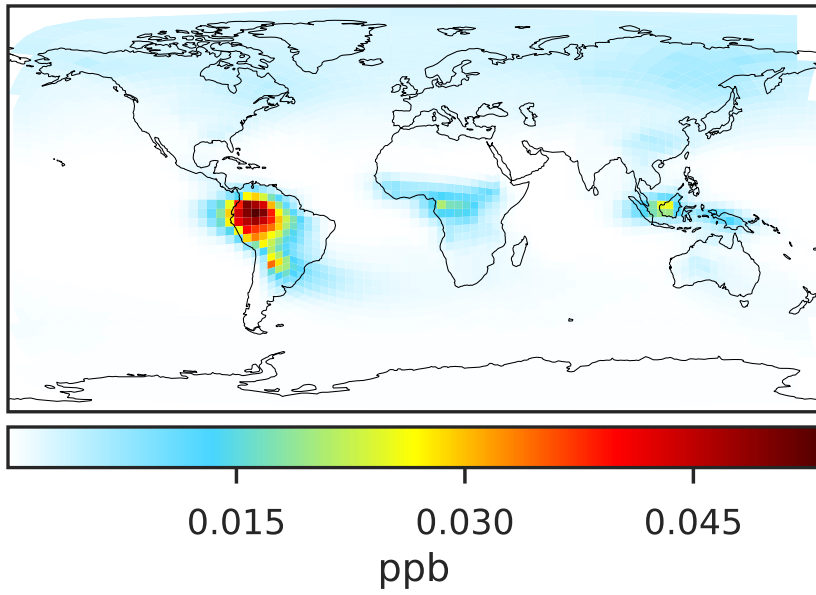


Ratio (1x1.25)
Dev/Ref, Fixed Range

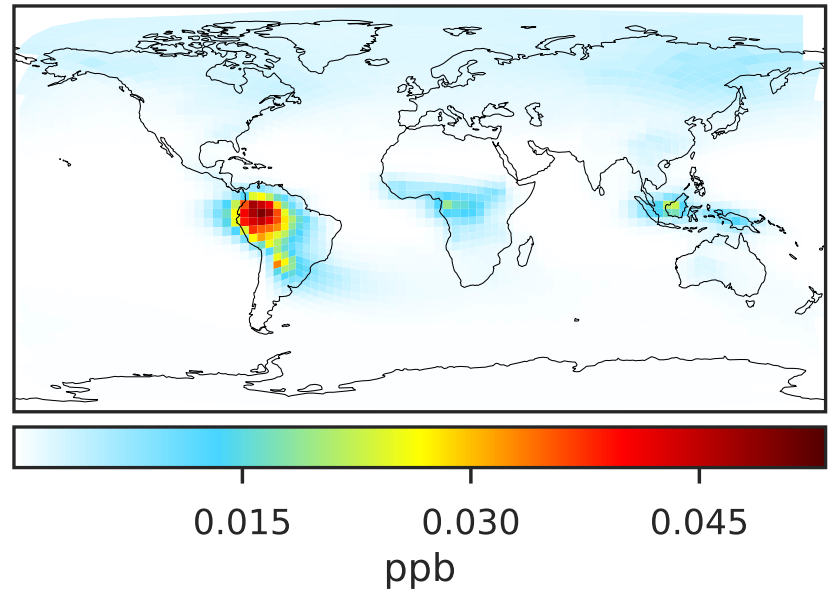


SpeciesConcVV_ETHP (AnnualMean)

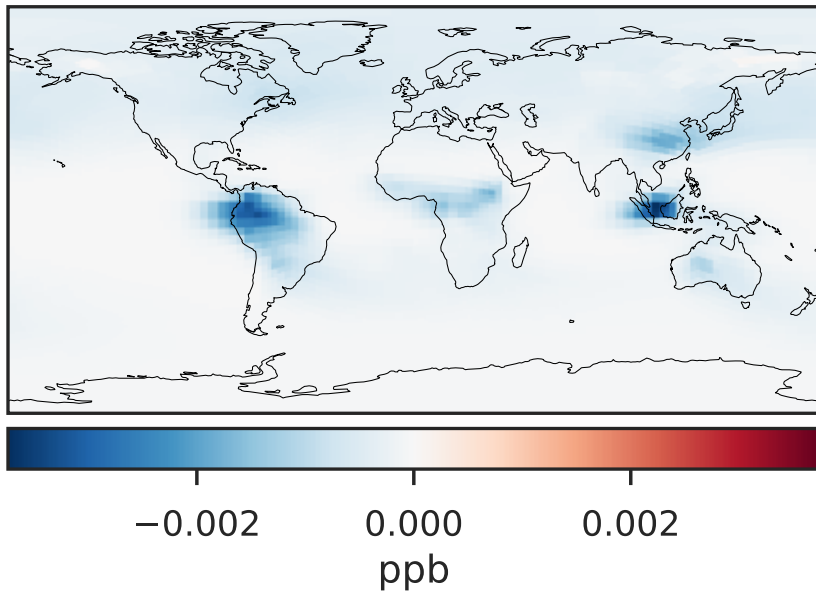
GCHP_14.0.0 (Ref)
c24



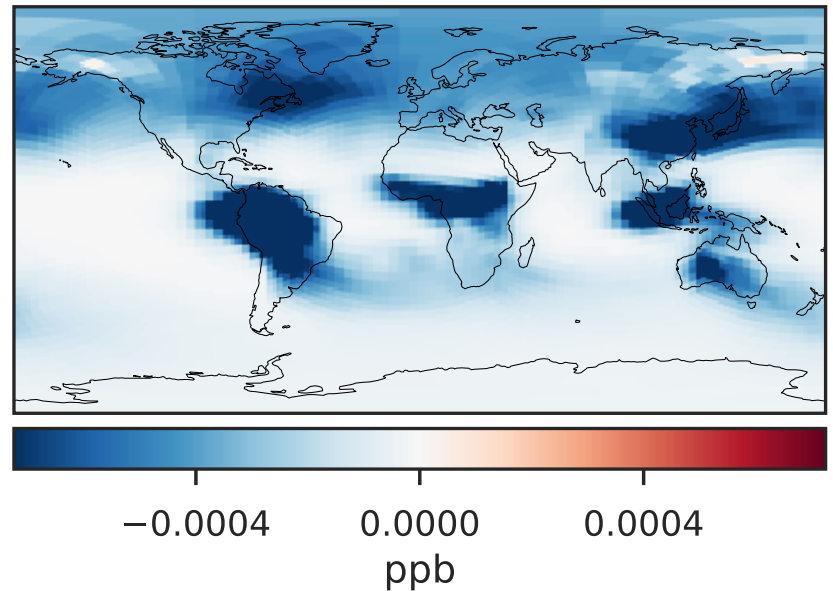
GCHP_14.2.0 (Dev)
c24



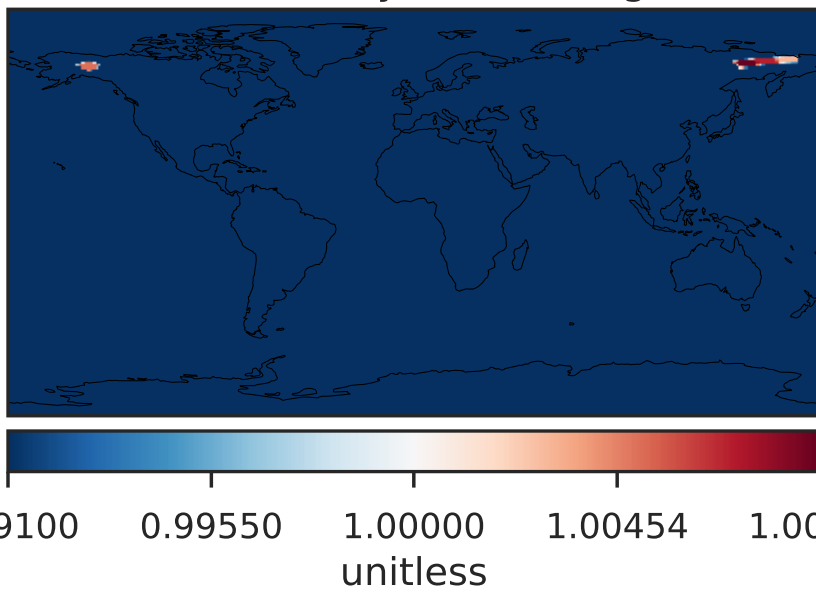
Difference (1x1.25)
Dev - Ref, Dynamic Range



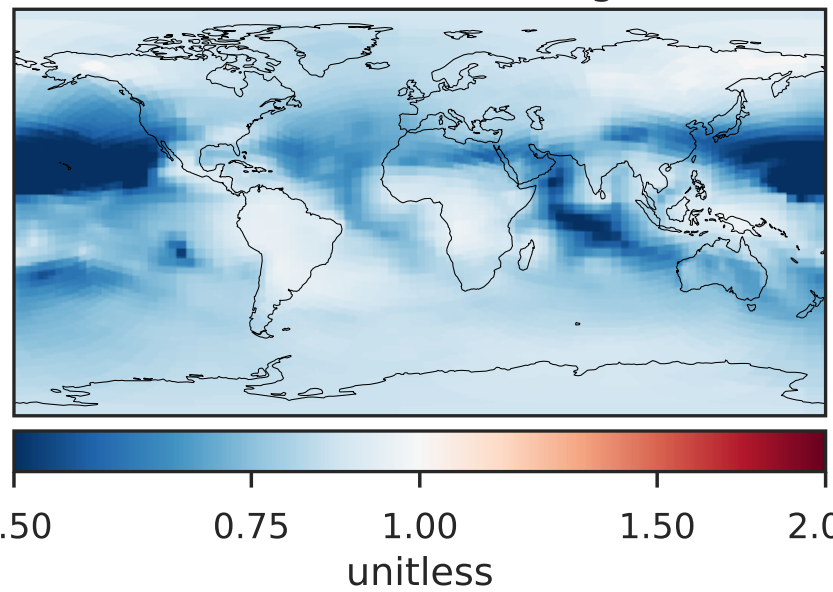
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

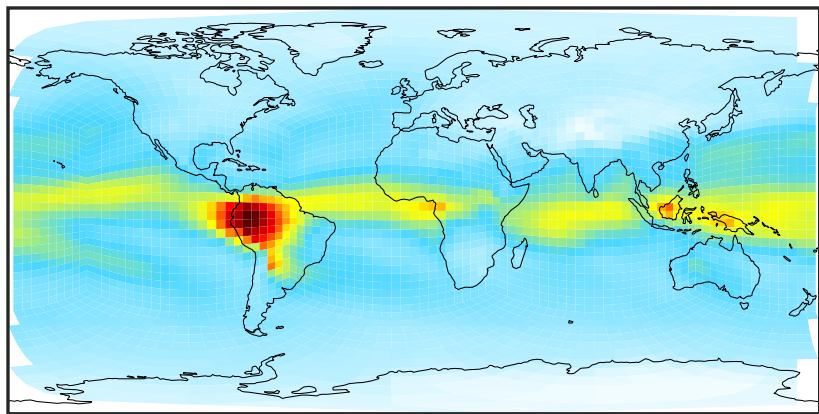


Ratio (1x1.25)
Dev/Ref, Fixed Range



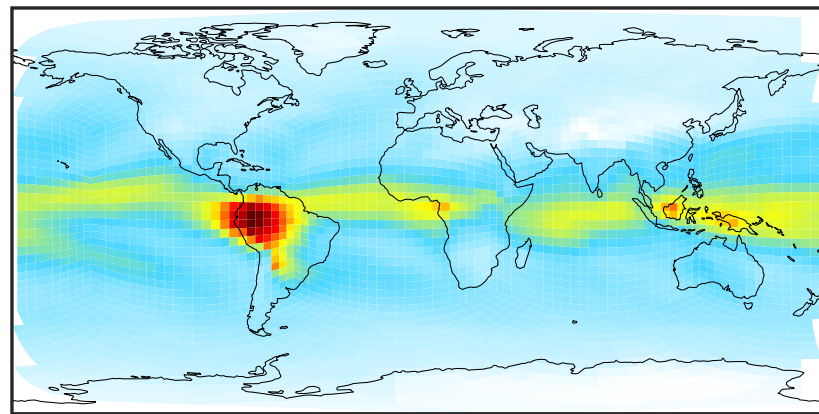
SpeciesConcVV_MP (AnnualMean)

GCHP_14.0.0 (Ref)
c24



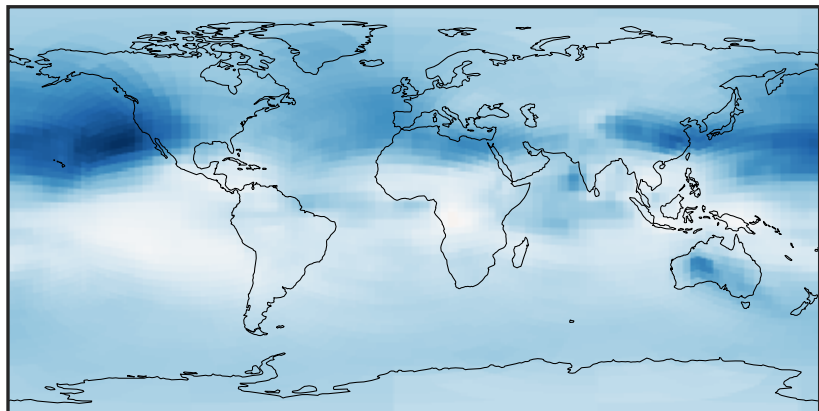
0.0960 0.2154 0.4307 0.6461 0.9575
ppb

GCHP_14.2.0 (Dev)
c24



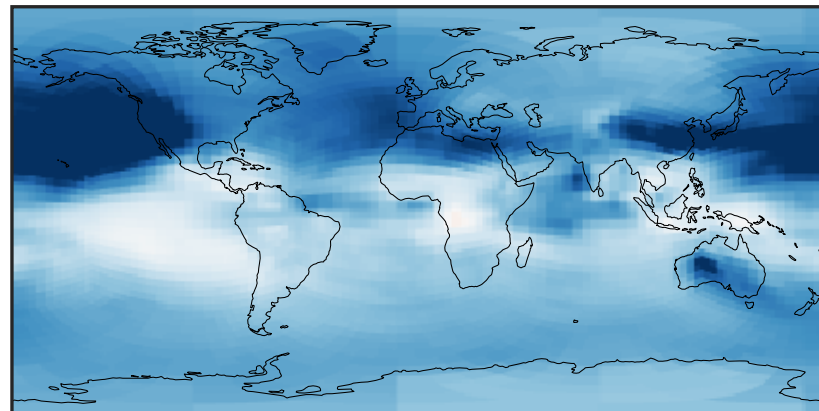
0.0960 0.2154 0.4307 0.6461 0.9575
ppb

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



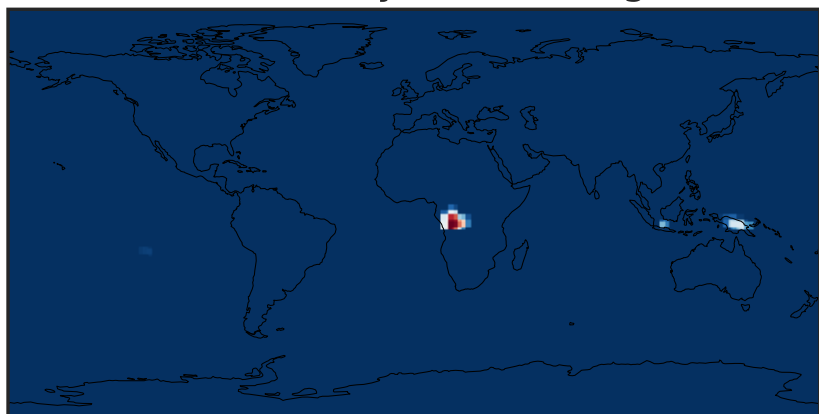
-0.0585 -0.0292 0.0000 0.0292 0.0585
ppb

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



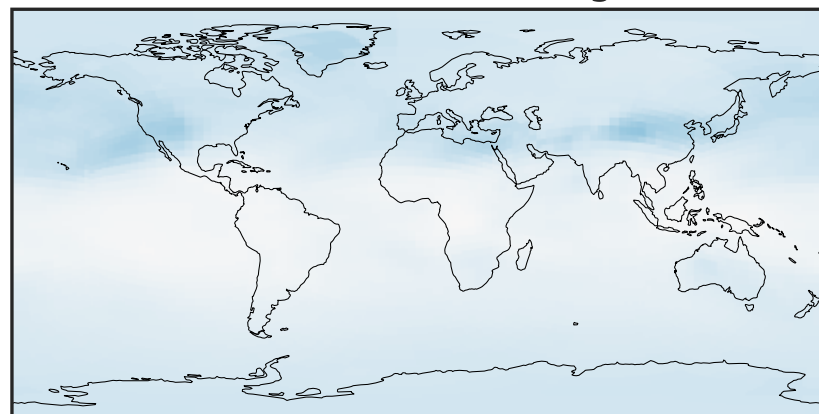
-0.02 0.00 0.02
ppb

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



0.99495 0.99748 1.00000 1.00254 1.00507
unitless

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



0.50 0.75 1.00 1.50 2.00
unitless