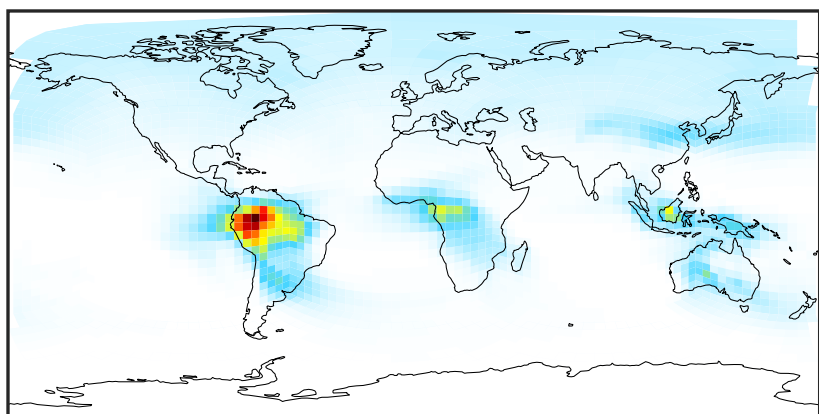


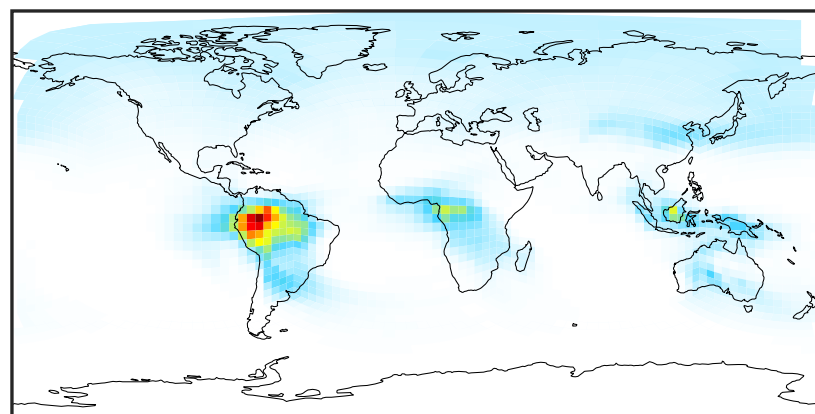
SpeciesConcVV_EOH (Jan2019)

GCHP_14.0.0 (Ref)
c24



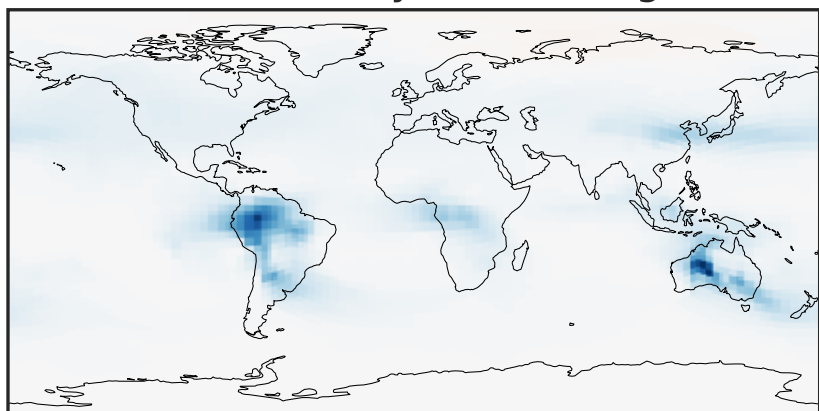
0.0000 0.0518 0.1037 0.1555 0.2074
ppb

GCHP_14.2.0 (Dev)
c24



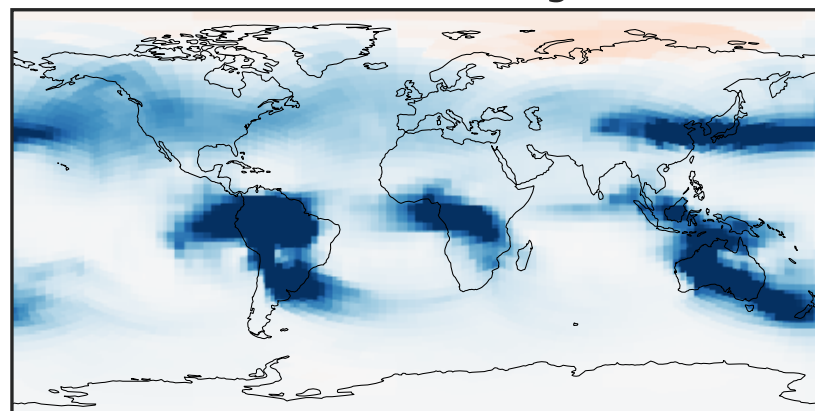
0.0000 0.0518 0.1037 0.1555 0.2074
ppb

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



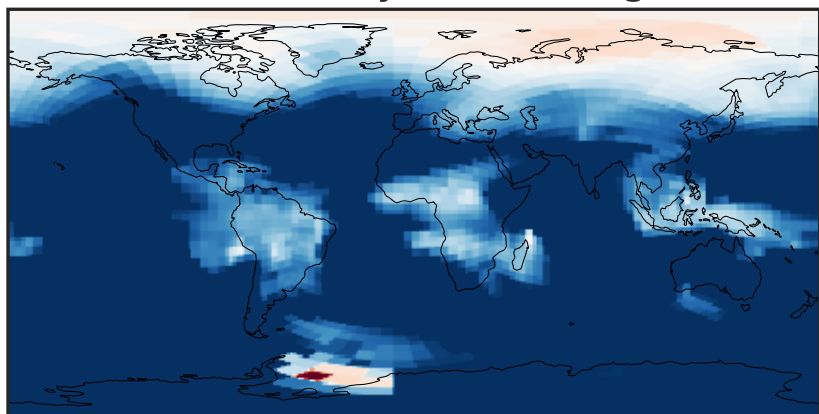
-0.01 0.00 0.01
ppb

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



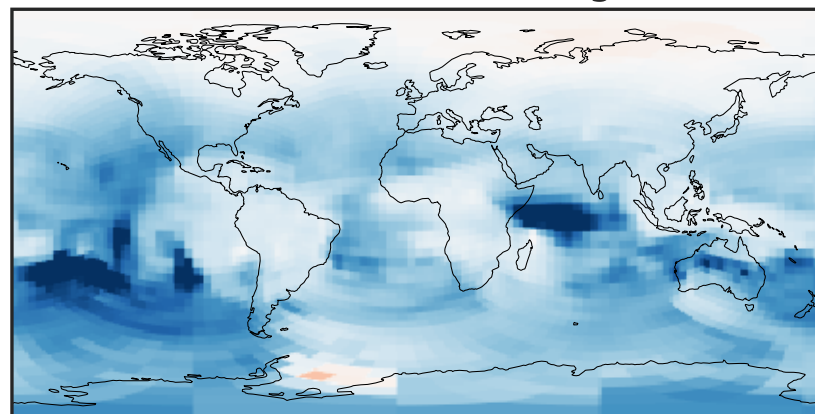
-0.002 0.000 0.002
ppb

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



0.8217 0.9109 1.0000 1.1085 1.2170
unitless

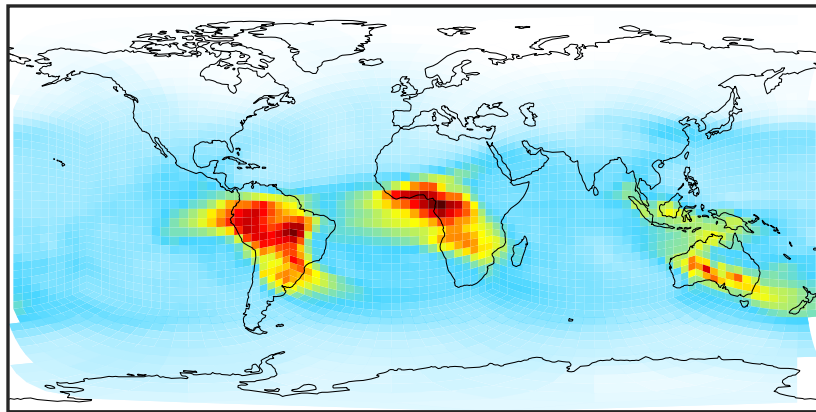
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

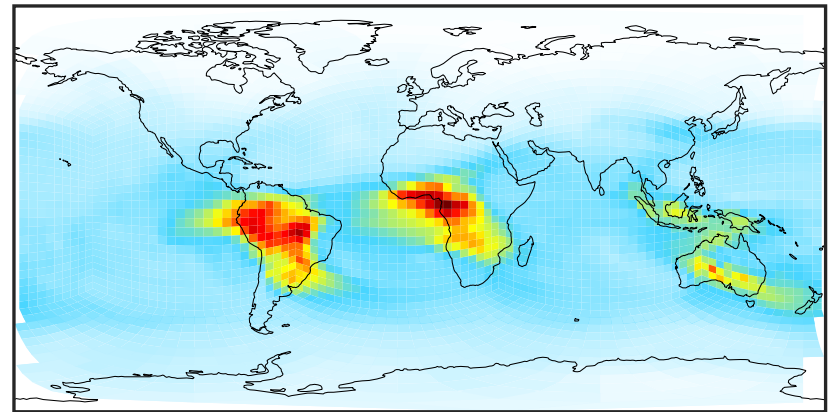
SpeciesConcVW_MOH (Jan2019)

GCHP_14.0.0 (Ref)
c24



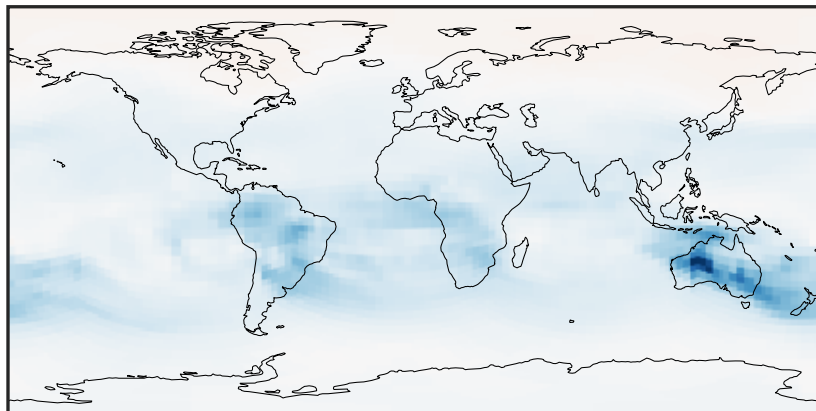
0.096 0.328 0.656 0.984 1.409
ppb

GCHP_14.2.0 (Dev)
c24



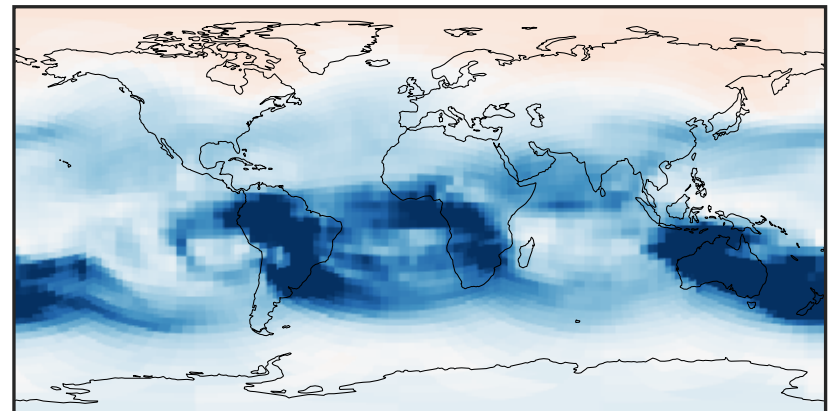
0.096 0.328 0.656 0.984 1.409
ppb

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



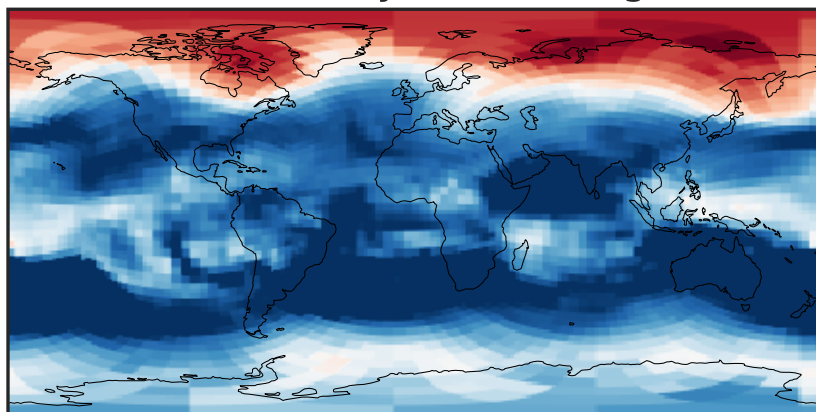
-0.1944 -0.0972 0.0000 0.0972 0.1944
ppb

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



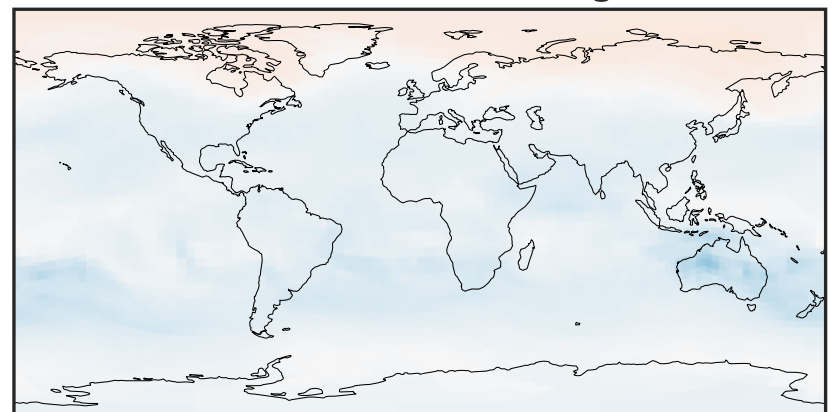
-0.0541 -0.0271 0.0000 0.0271 0.0541
ppb

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



0.9247 0.9623 1.0000 1.0407 1.0814
unitless

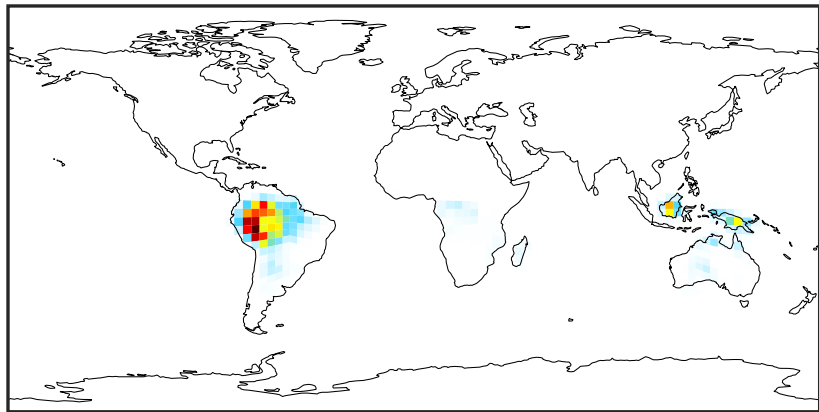
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

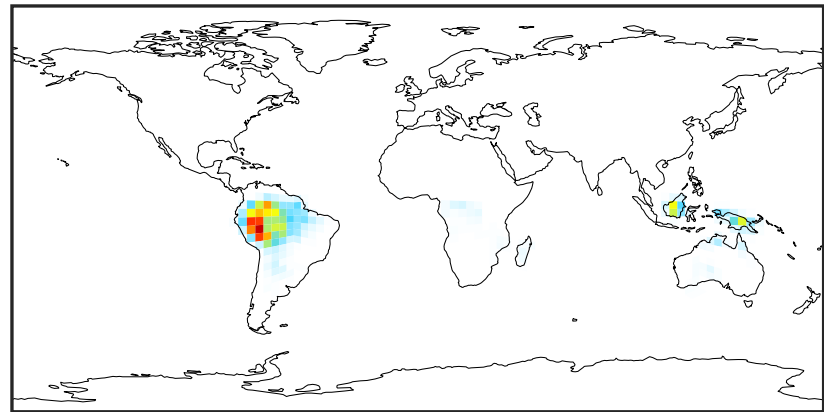
SpeciesConcVV_ISOP (Jan2019)

GCHP_14.0.0 (Ref)
c24



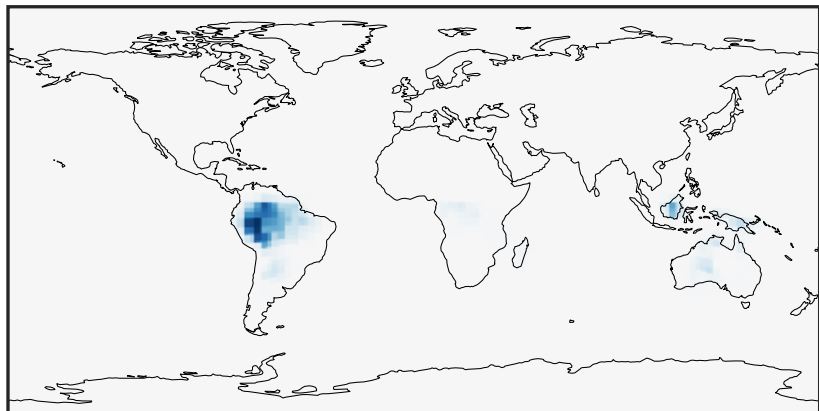
0.0000 0.0342 0.0684 0.1026 0.1368
ppb

GCHP_14.2.0 (Dev)
c24



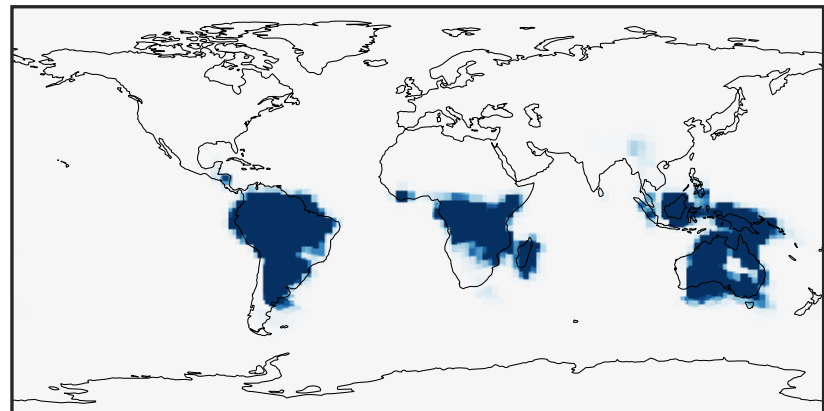
0.0000 0.0342 0.0684 0.1026 0.1368
ppb

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



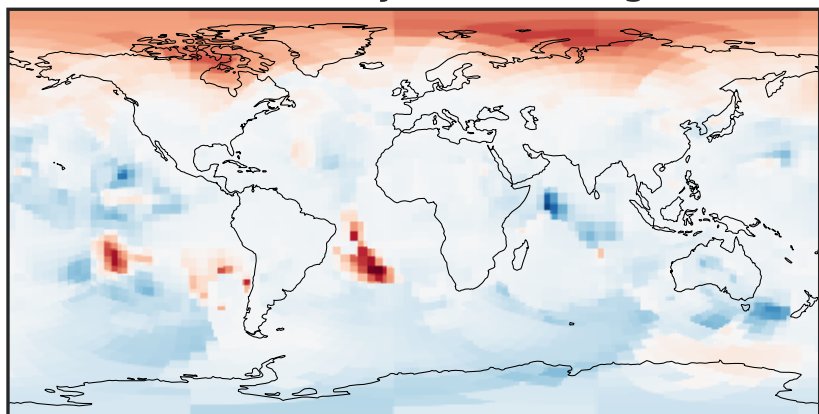
-0.015 0.000 0.015
ppb

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



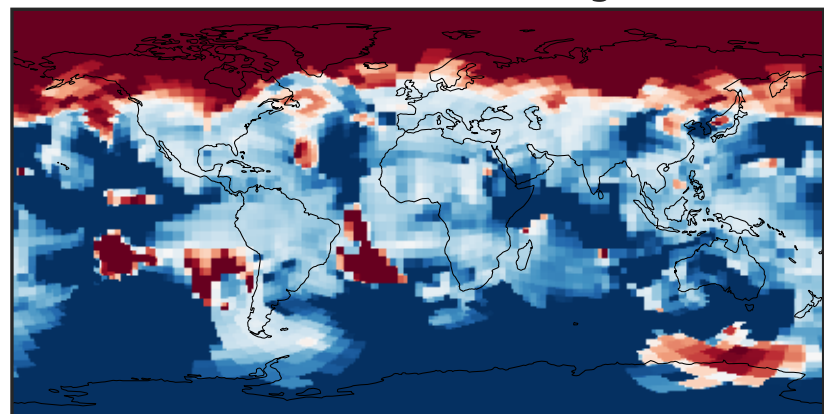
-4 0 4
ppb 1e-5

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



unitless

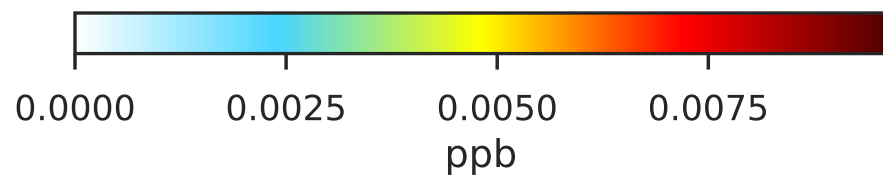
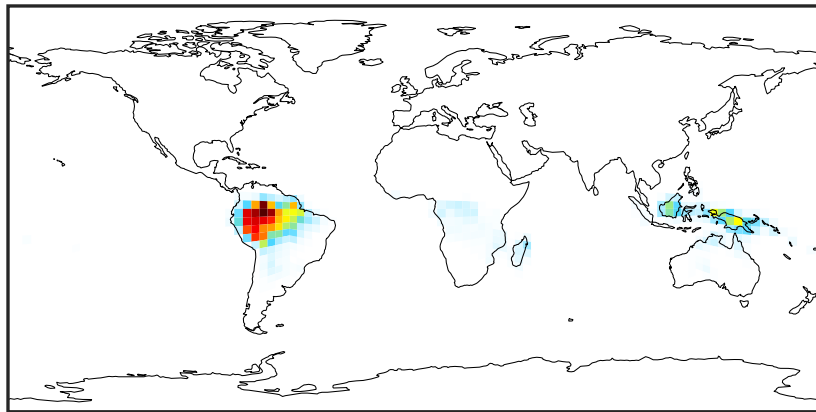
Ratio (1x1.25)
Dev/Ref, Fixed Range



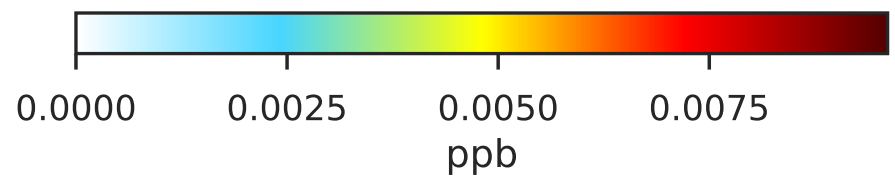
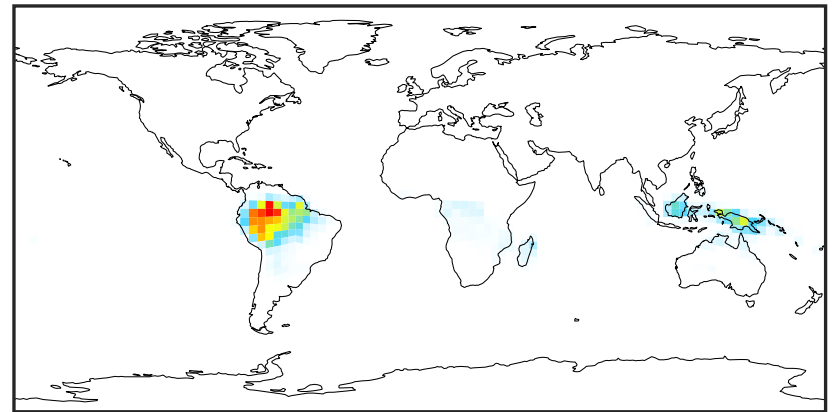
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_MTPA (Jan2019)

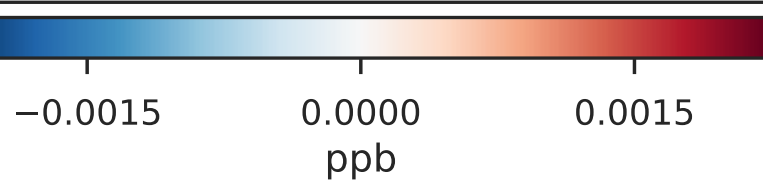
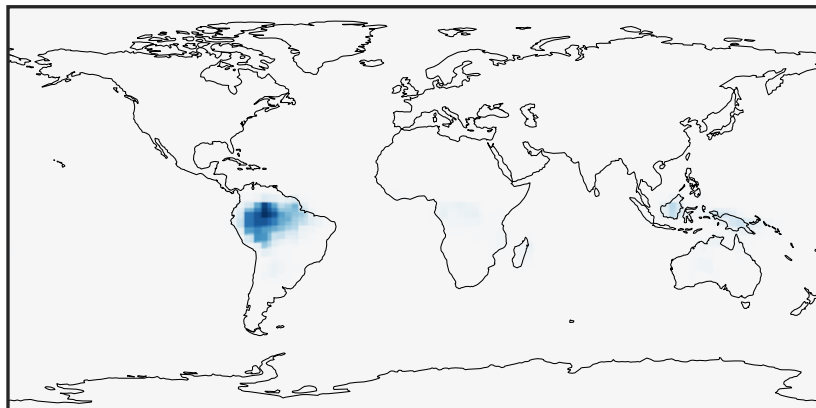
GCHP_14.0.0 (Ref)
c24



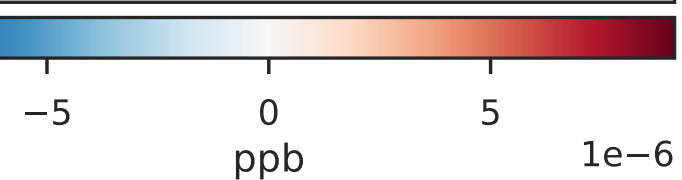
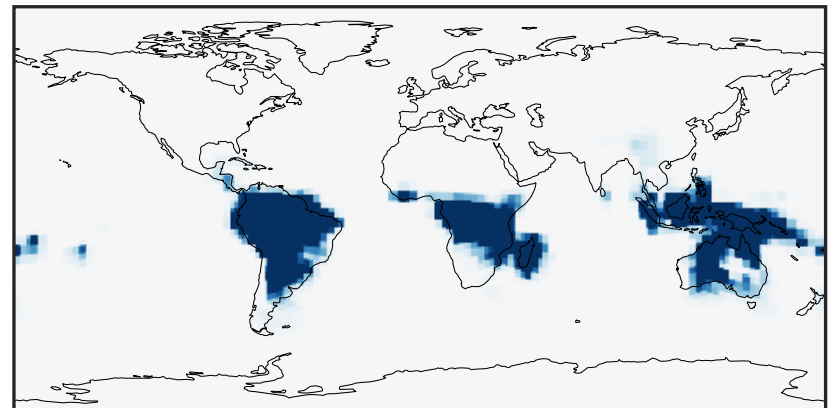
GCHP_14.2.0 (Dev)
c24



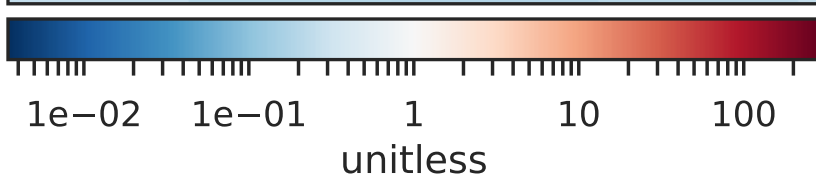
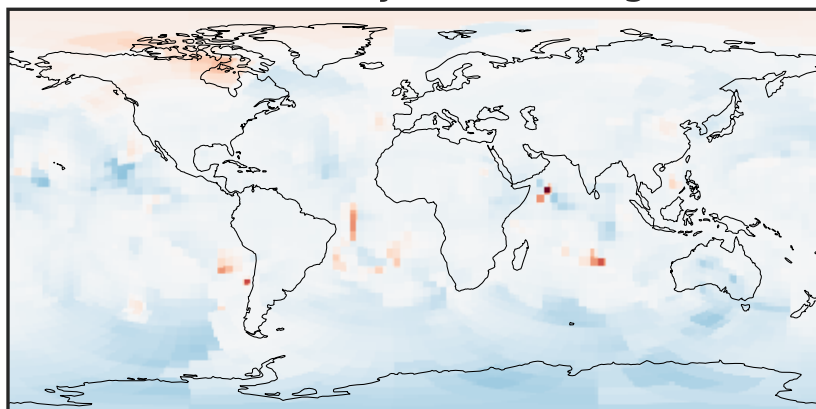
Difference (1x1.25)
Dev - Ref, Dynamic Range



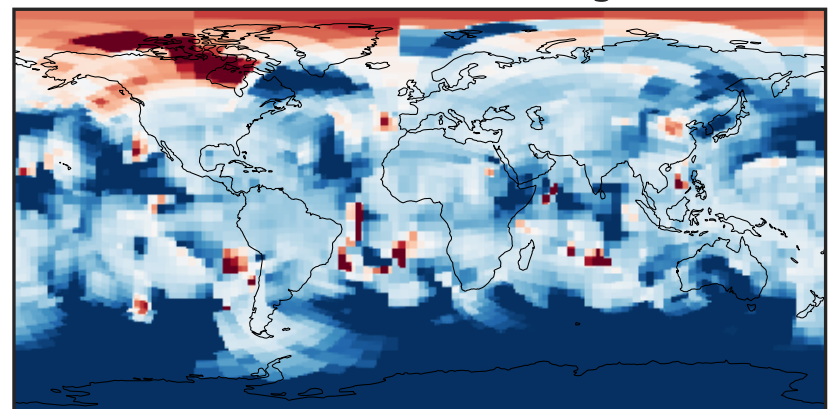
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

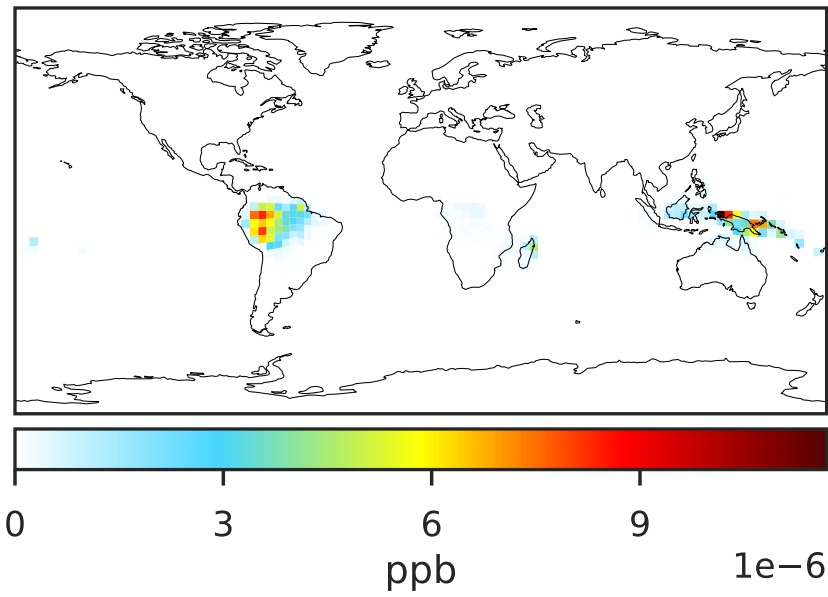


Ratio (1x1.25)
Dev/Ref, Fixed Range

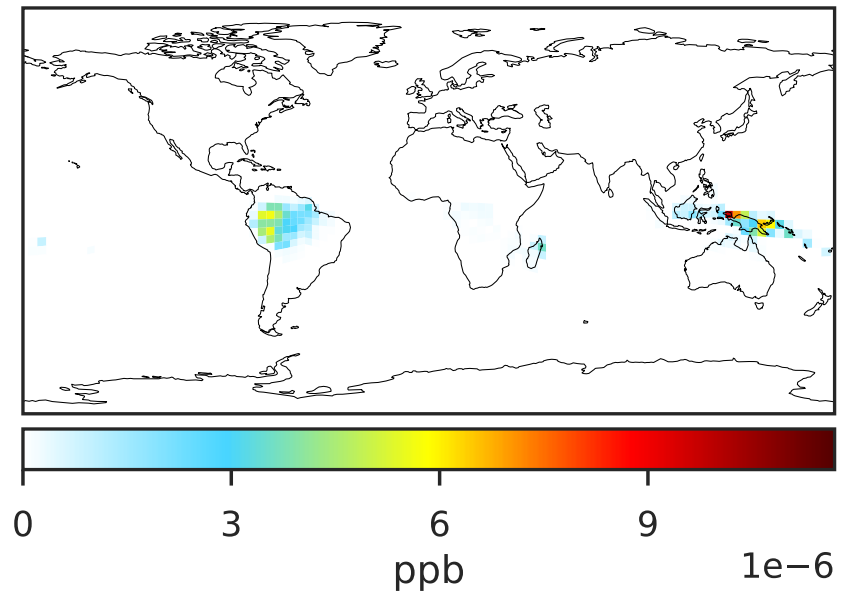


SpeciesConcVV_MTPO (Jan2019)

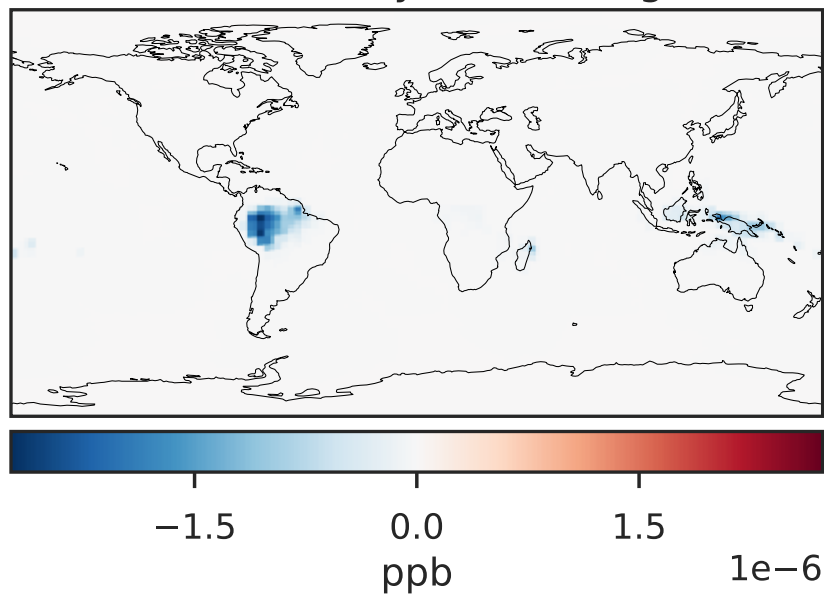
GCHP_14.0.0 (Ref)
c24



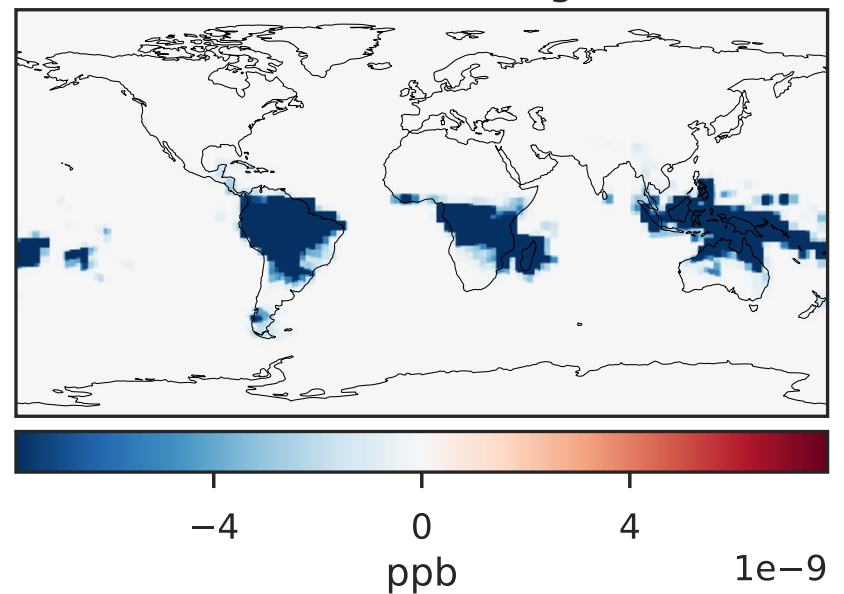
GCHP_14.2.0 (Dev)
c24



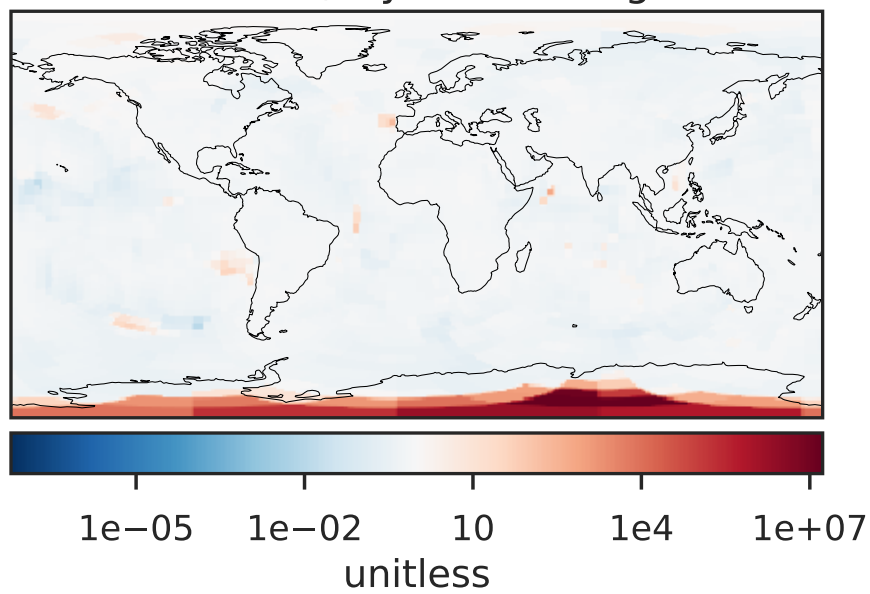
Difference (1x1.25)
Dev - Ref, Dynamic Range



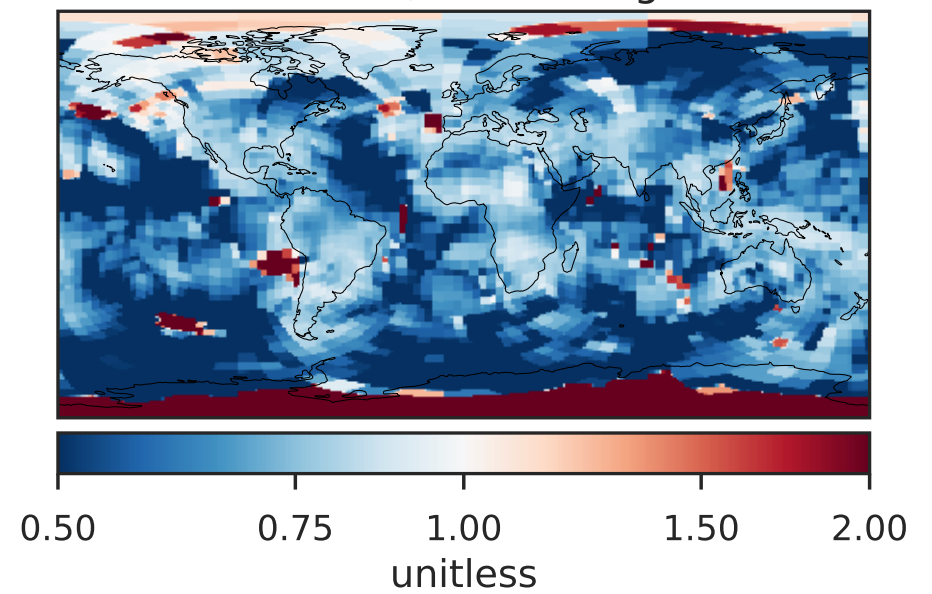
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

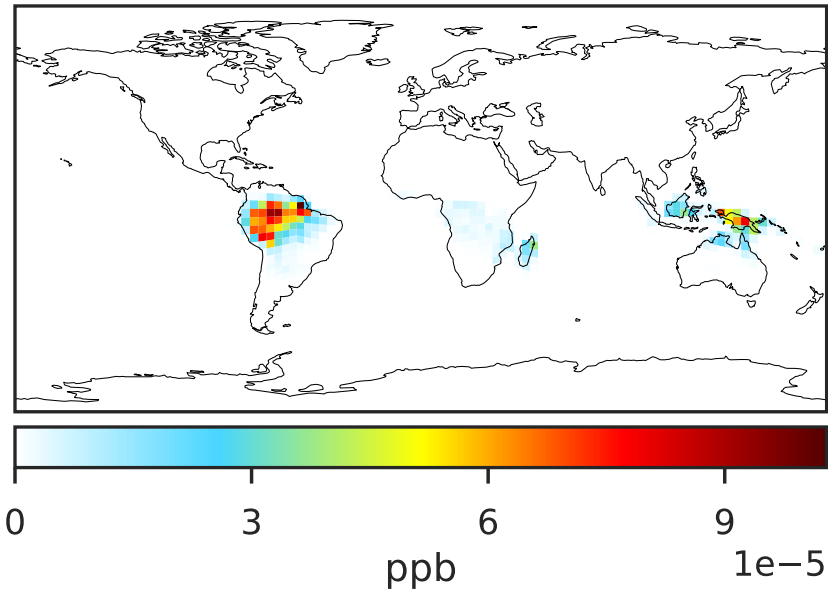


Ratio (1x1.25)
Dev/Ref, Fixed Range

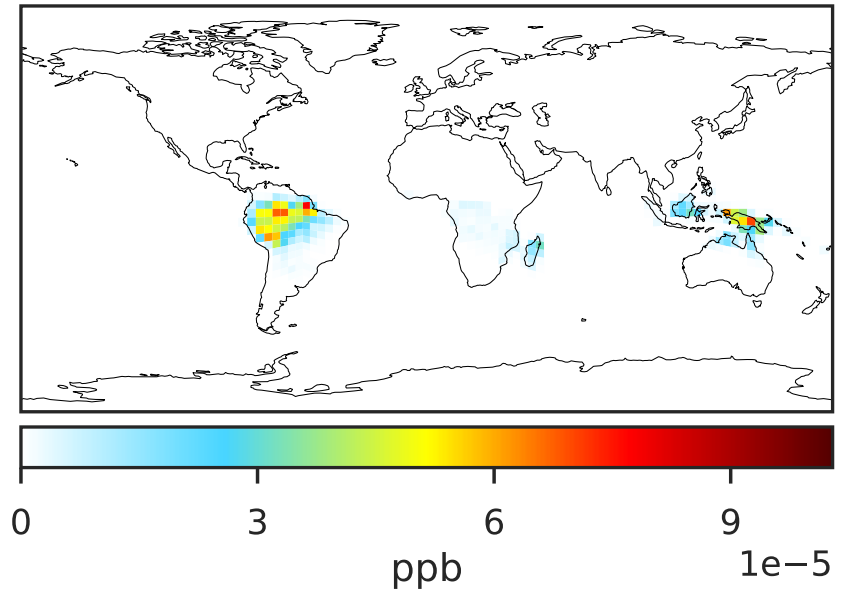


SpeciesConcVV_LIMO (Jan2019)

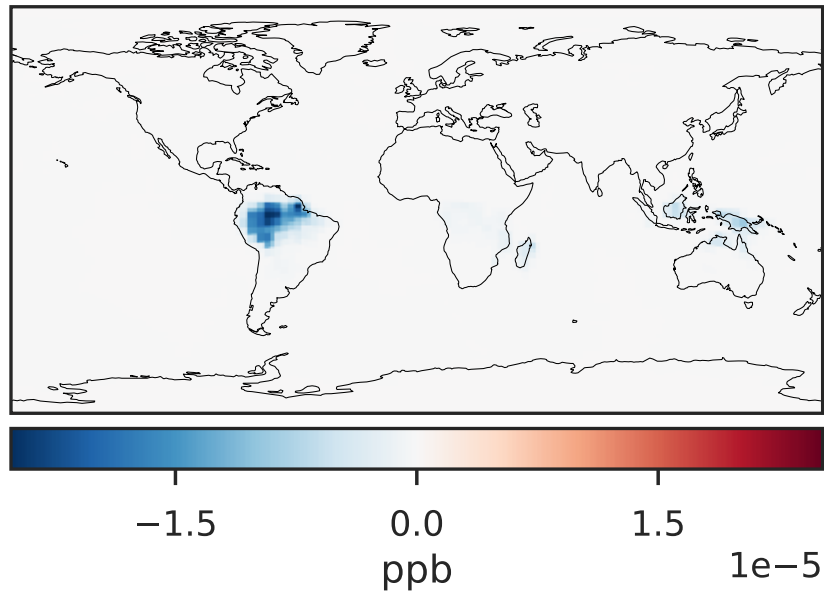
GCHP_14.0.0 (Ref)
c24



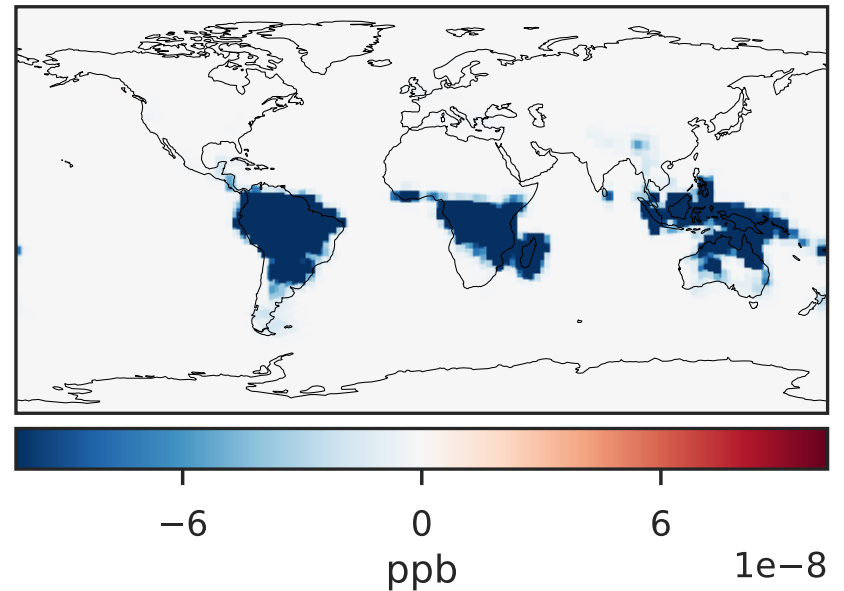
GCHP_14.2.0 (Dev)
c24



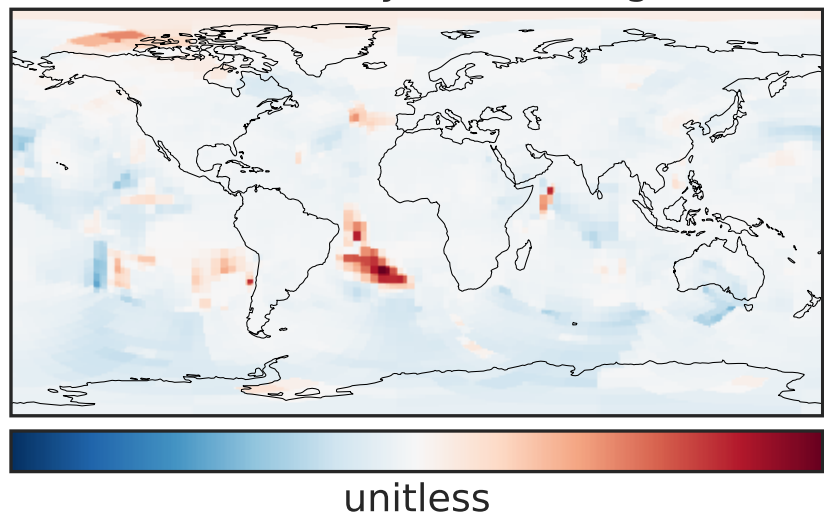
Difference (1x1.25)
Dev - Ref, Dynamic Range



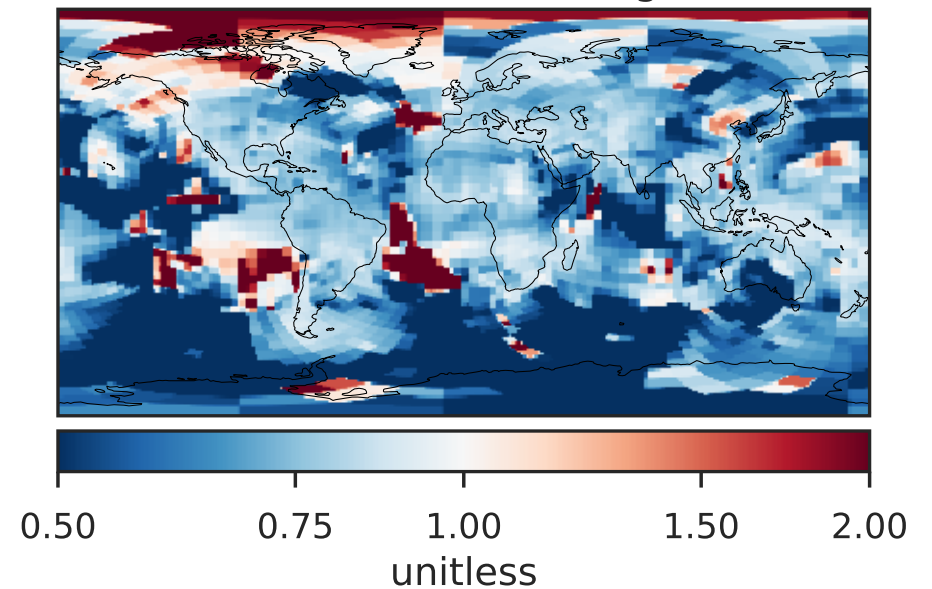
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

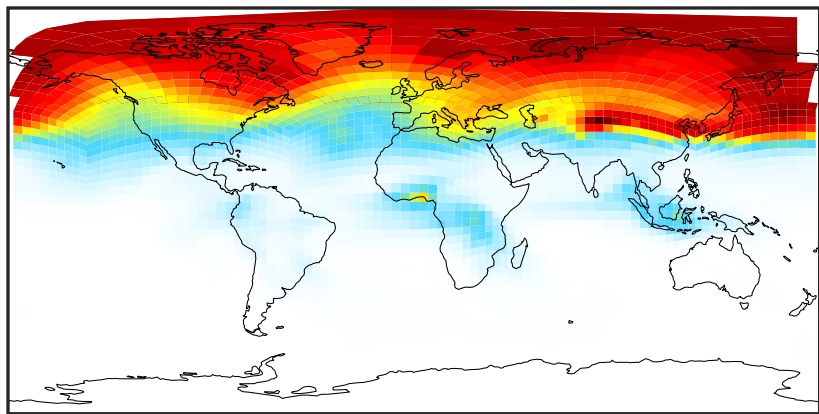


Ratio (1x1.25)
Dev/Ref, Fixed Range



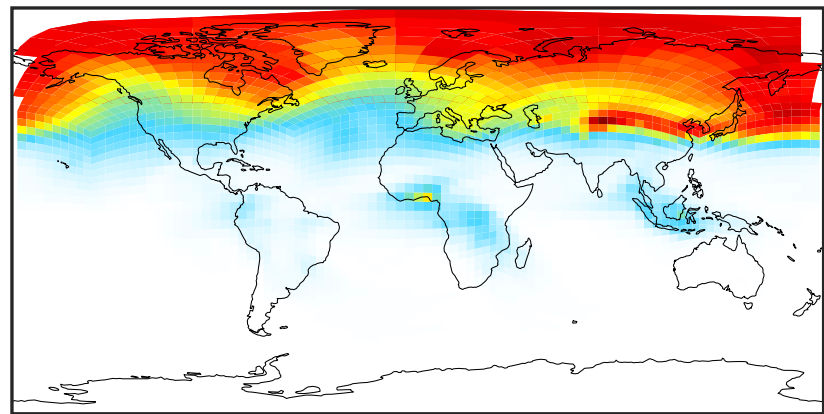
SpeciesConcVV_ALK4 (Jan2019)

GCHP_14.0.0 (Ref)
c24



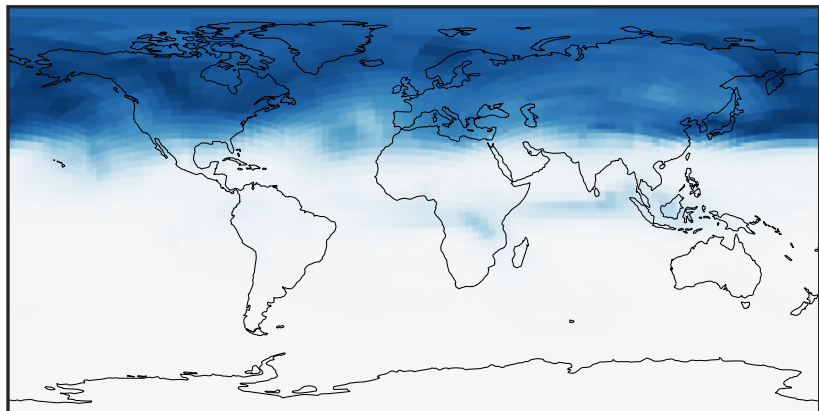
0.0002 0.1815 0.3630 0.5445 0.7262
ppb

GCHP_14.2.0 (Dev)
c24



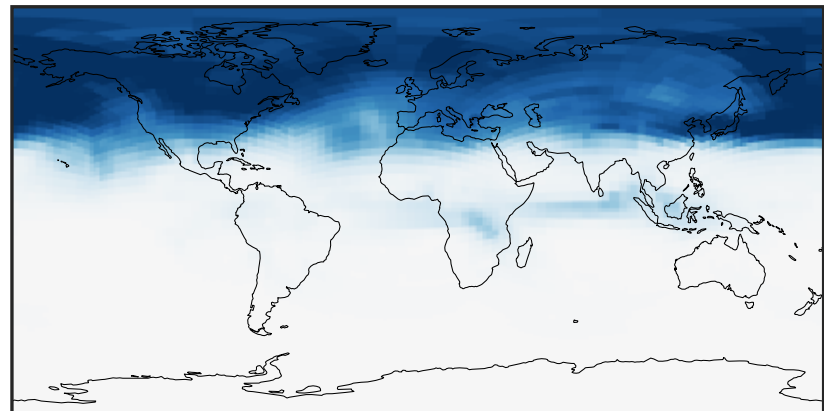
0.0002 0.1815 0.3630 0.5445 0.7262
ppb

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



-0.0829 -0.0415 0.0000 0.0415 0.0829
ppb

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



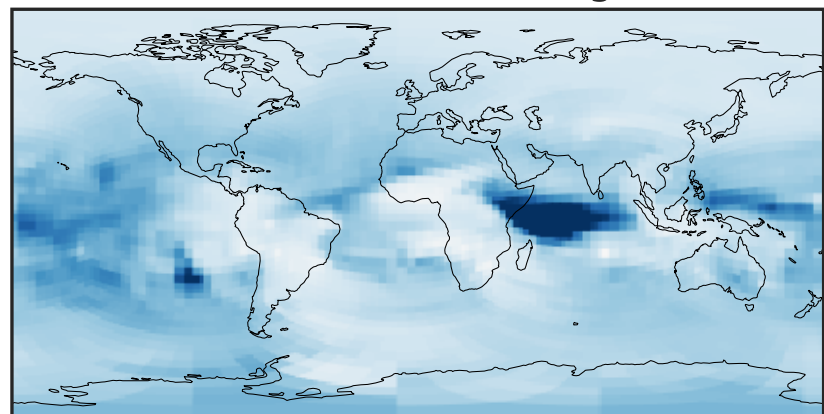
-0.0739 -0.0369 0.0000 0.0369 0.0739
ppb

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



0.996767 0.998384 1.000000 1.001622 1.003243
unitless

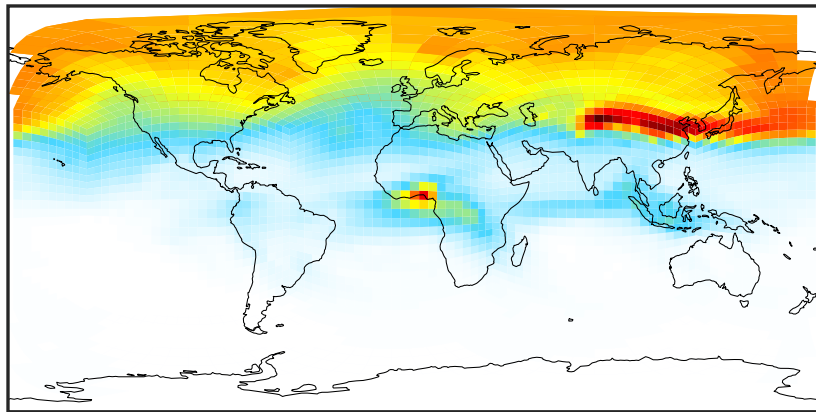
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

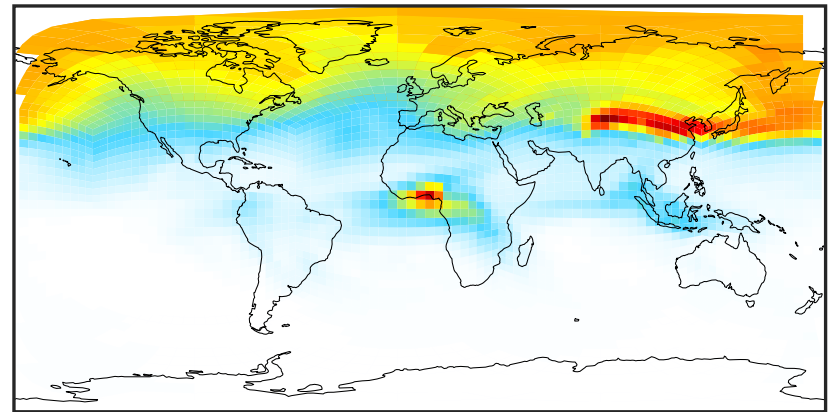
SpeciesConcVV_BENZ (Jan2019)

GCHP_14.0.0 (Ref)
c24



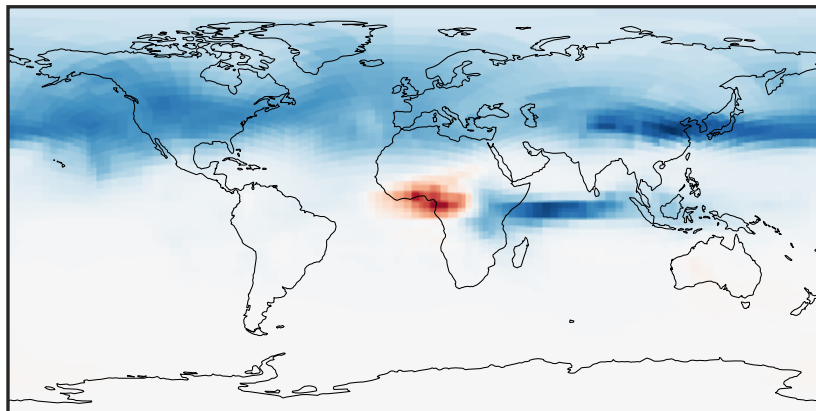
0.0002 0.0297 0.0594 0.0890 0.1189
ppb

GCHP_14.2.0 (Dev)
c24



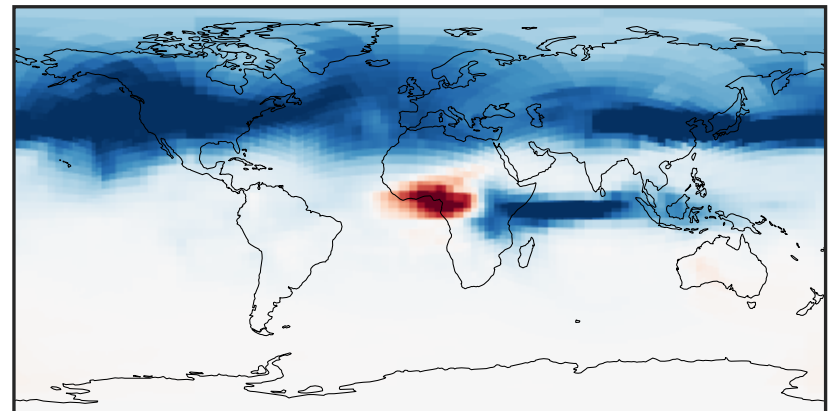
0.0002 0.0297 0.0594 0.0890 0.1189
ppb

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



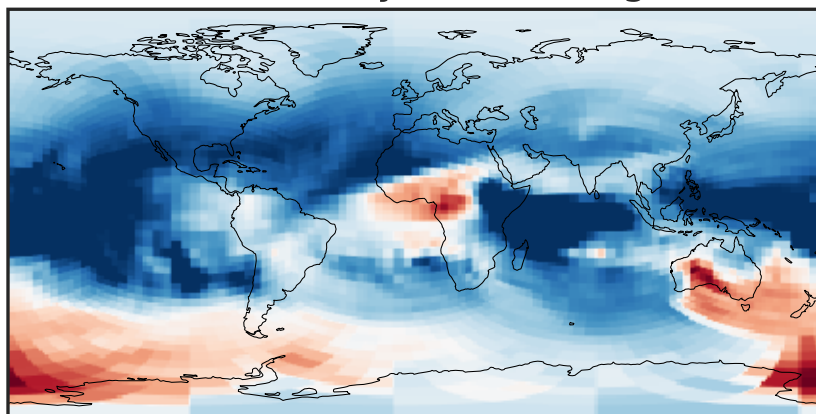
-0.006 0.000 0.006
ppb

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



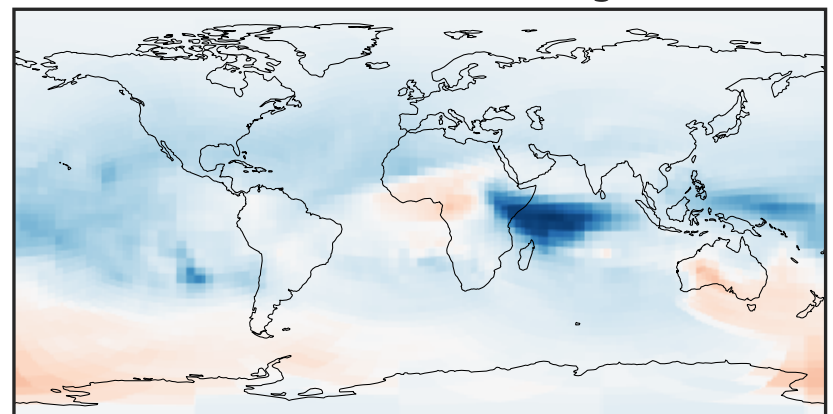
-0.004 0.000 0.004
ppb

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



0.8136 0.9068 1.0000 1.1145 1.2290
unitless

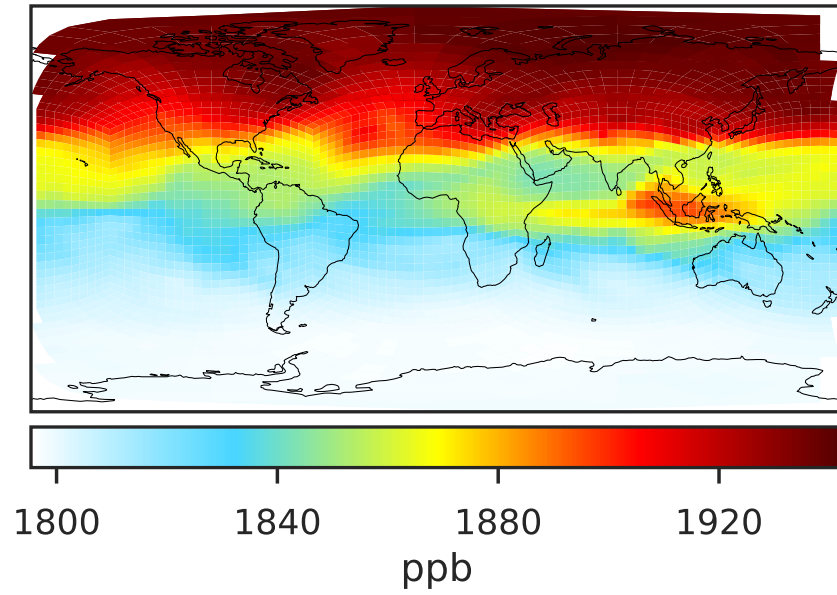
Ratio (1x1.25)
Dev/Ref, Fixed Range



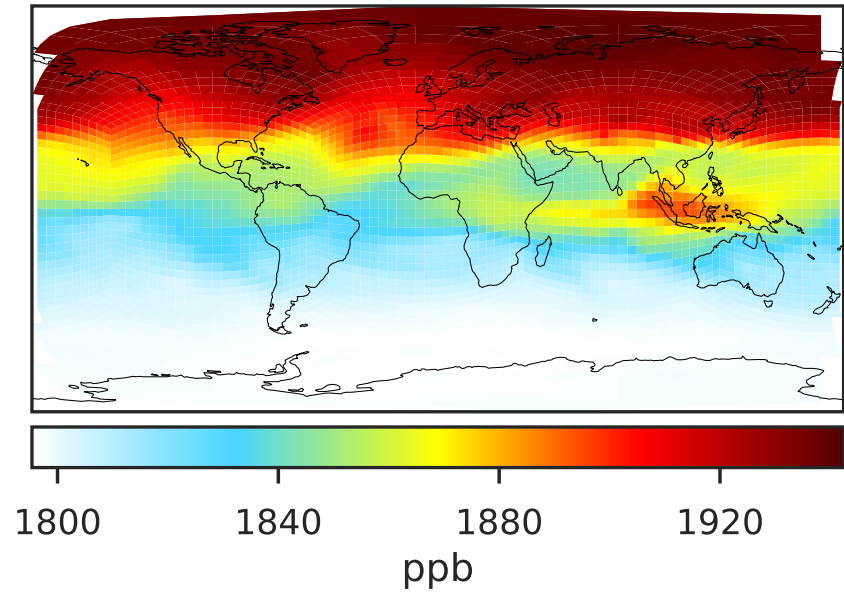
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_CH4 (Jan2019)

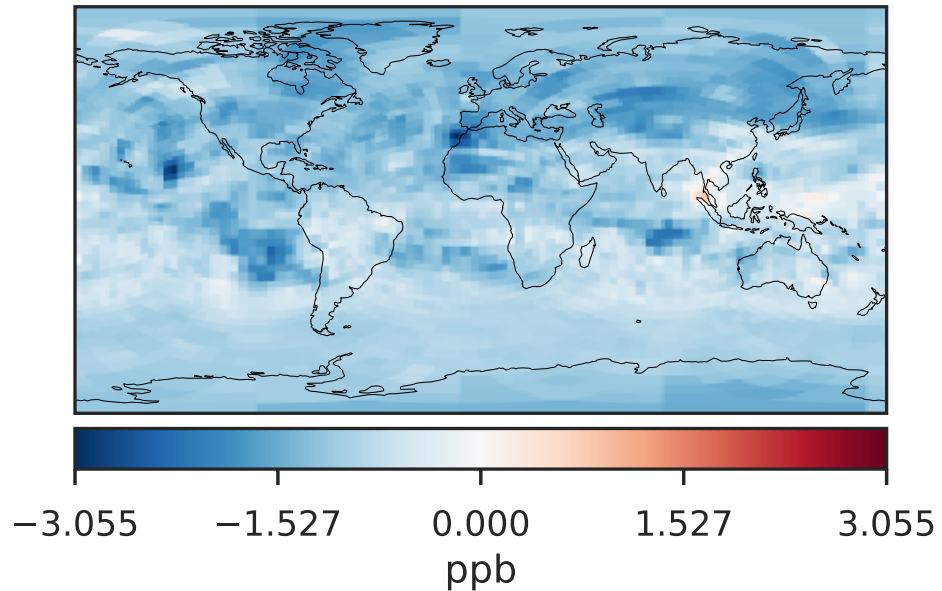
GCHP_14.0.0 (Ref)
c24



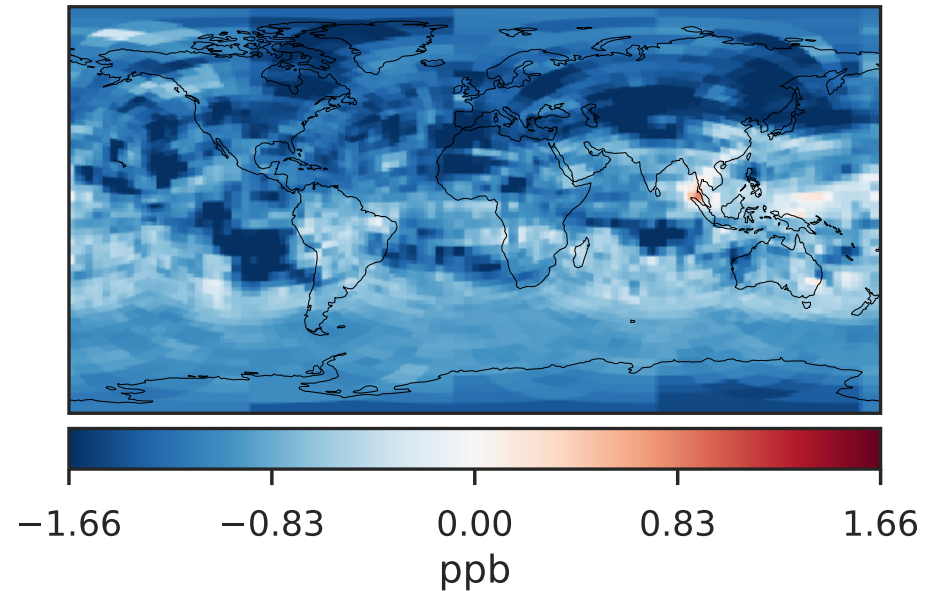
GCHP_14.2.0 (Dev)
c24



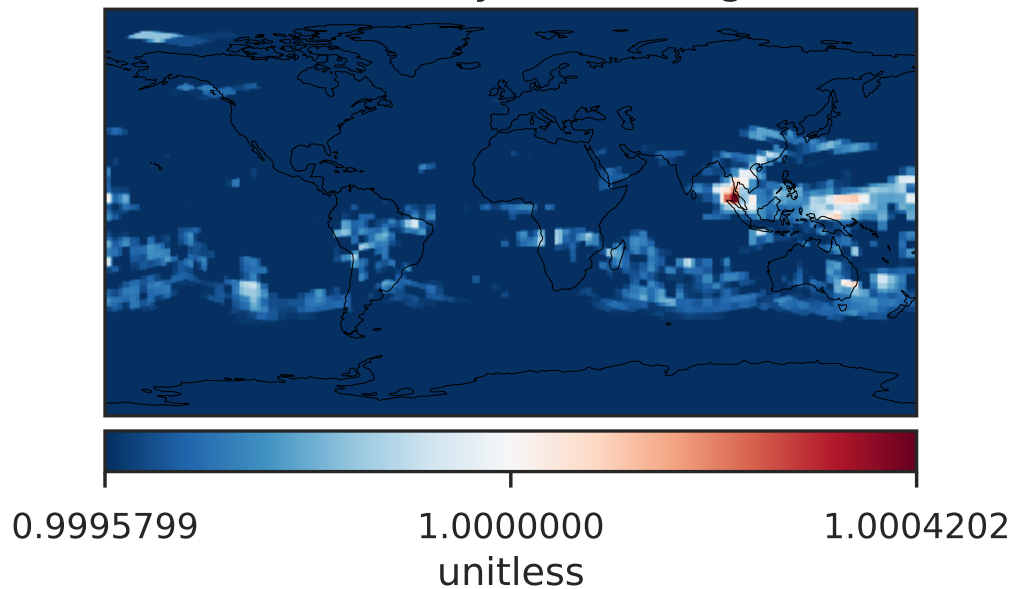
Difference (1x1.25)
Dev - Ref, Dynamic Range



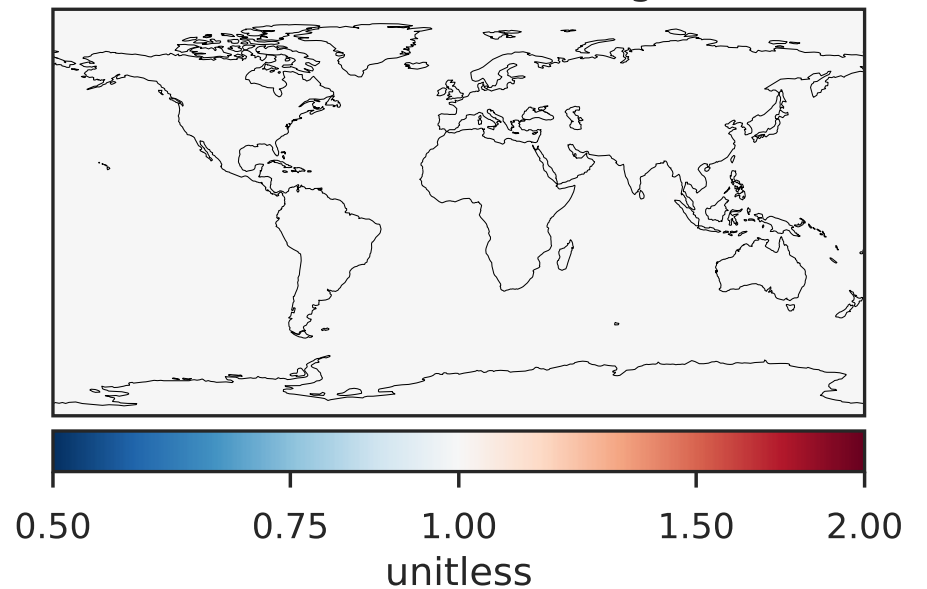
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

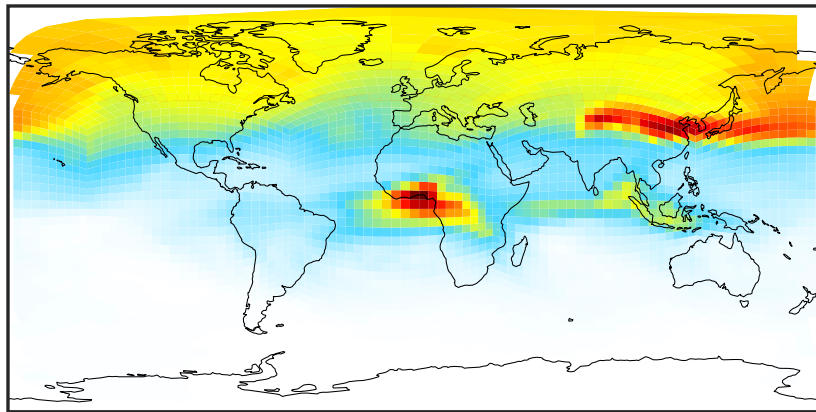


Ratio (1x1.25)
Dev/Ref, Fixed Range



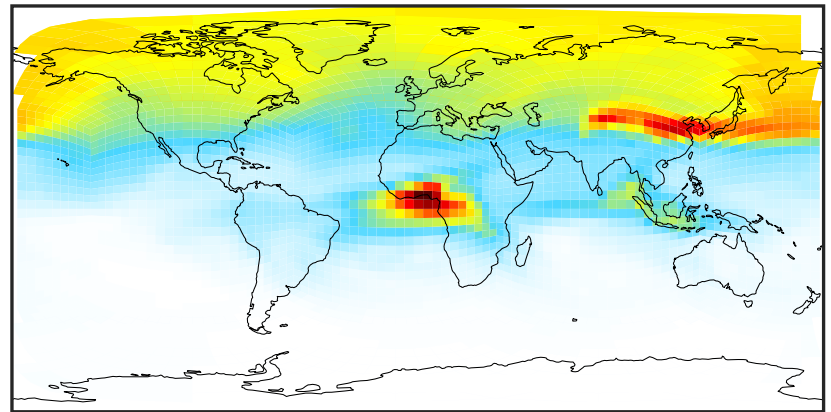
SpeciesConcVV_C2H2 (Jan2019)

GCHP_14.0.0 (Ref)
c24



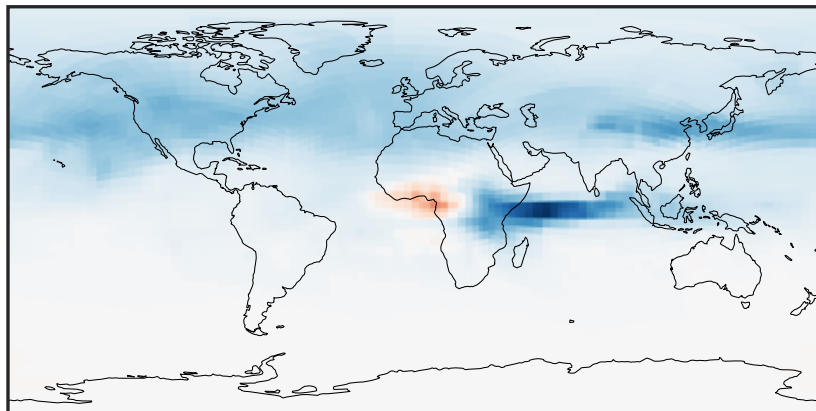
0.0027 0.0677 0.1354 0.2031 0.2735
ppb

GCHP_14.2.0 (Dev)
c24



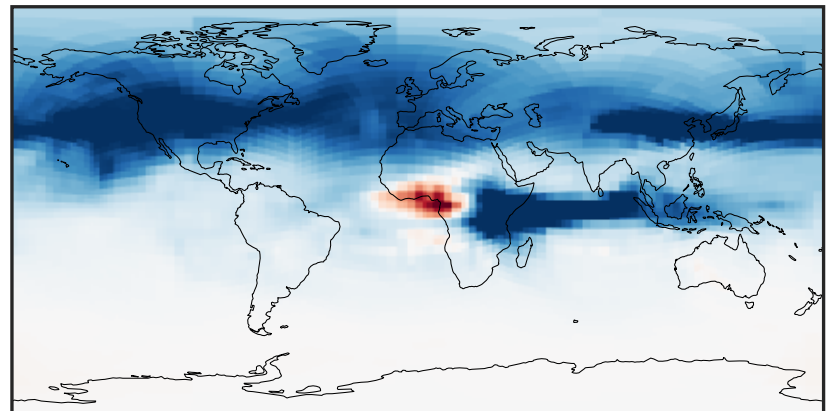
0.0027 0.0677 0.1354 0.2031 0.2735
ppb

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



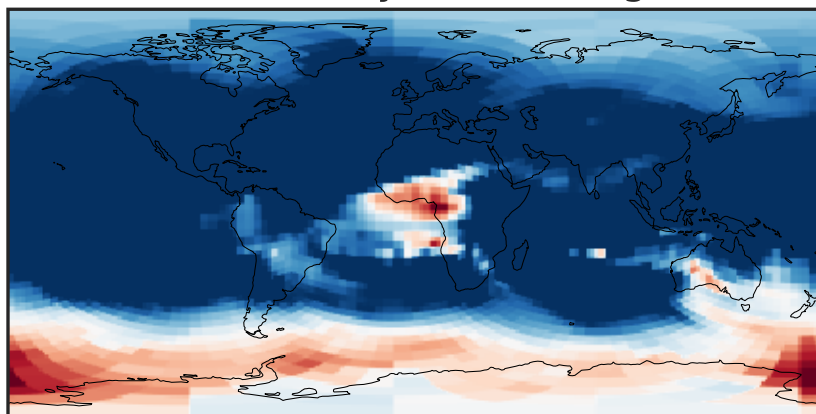
-0.02 0.00 0.02
ppb

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



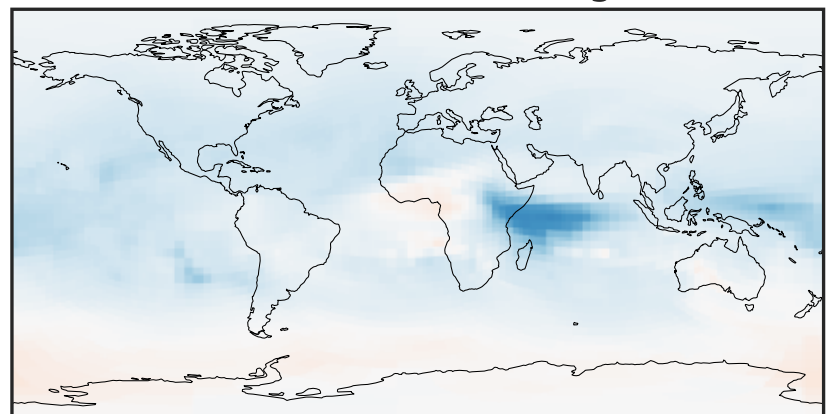
-0.008 0.000 0.008
ppb

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



0.9319 0.9659 1.0000 1.0366 1.0731
unitless

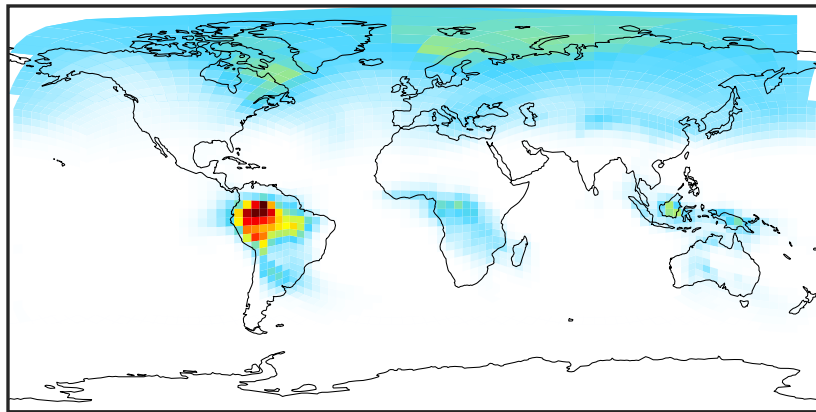
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

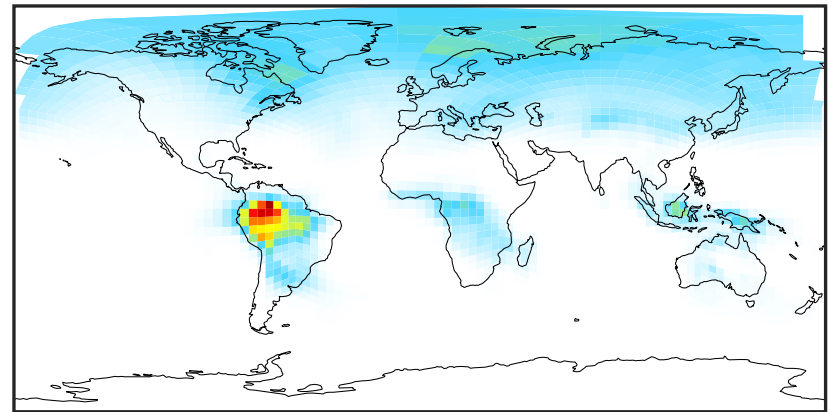
SpeciesConcVV_C2H4 (Jan2019)

GCHP_14.0.0 (Ref)
c24



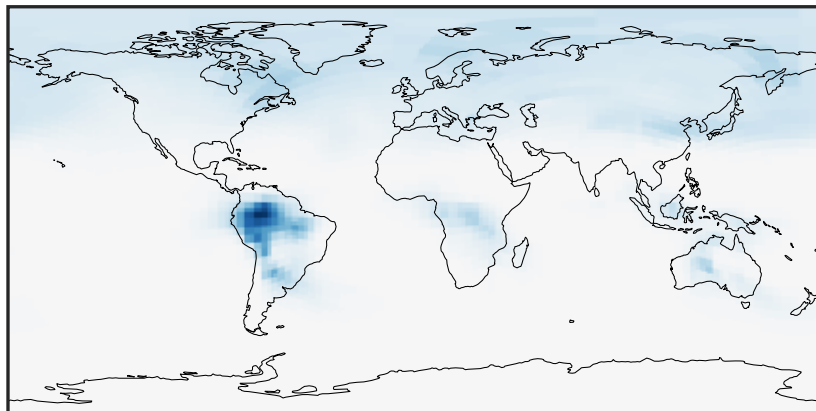
0.0000 0.0551 0.1102 0.1653 0.2204
ppb

GCHP_14.2.0 (Dev)
c24



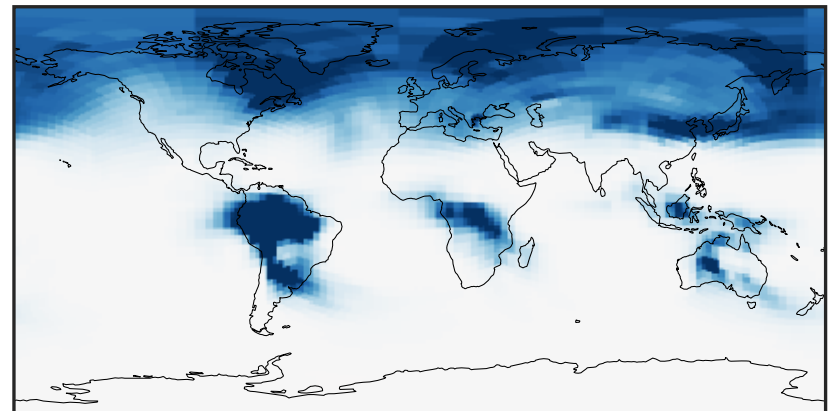
0.0000 0.0551 0.1102 0.1653 0.2204
ppb

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



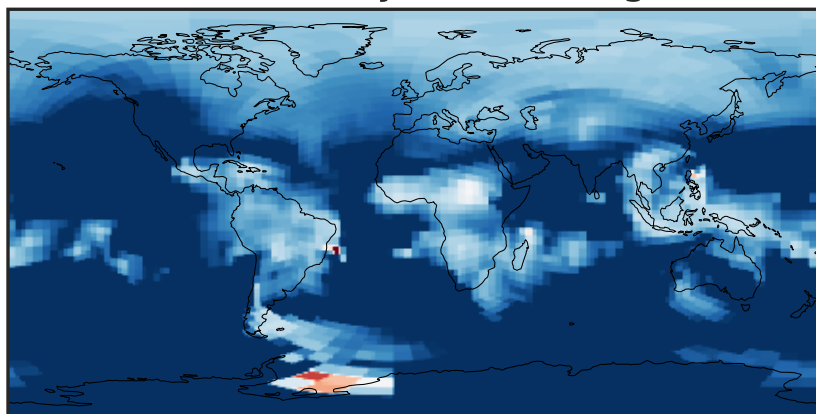
-0.02 0.00 0.02
ppb

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



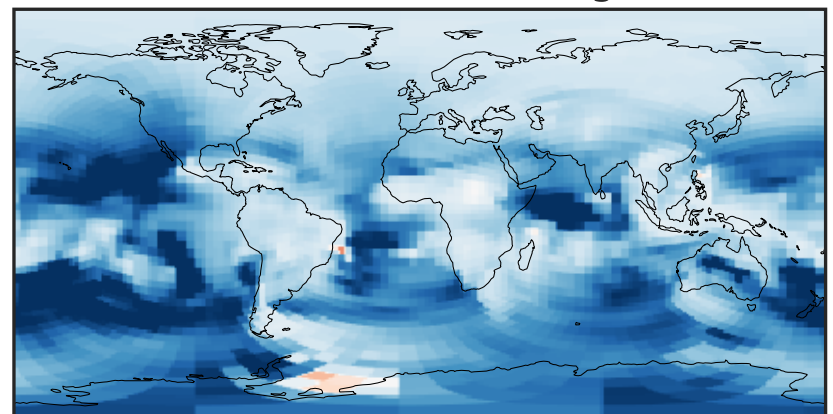
-0.004 0.000 0.004
ppb

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



0.7219 0.8610 1.0000 1.1926 1.3852
unitless

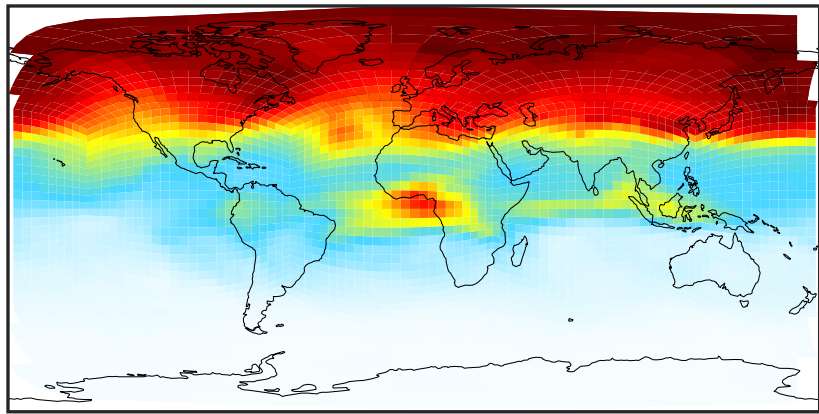
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

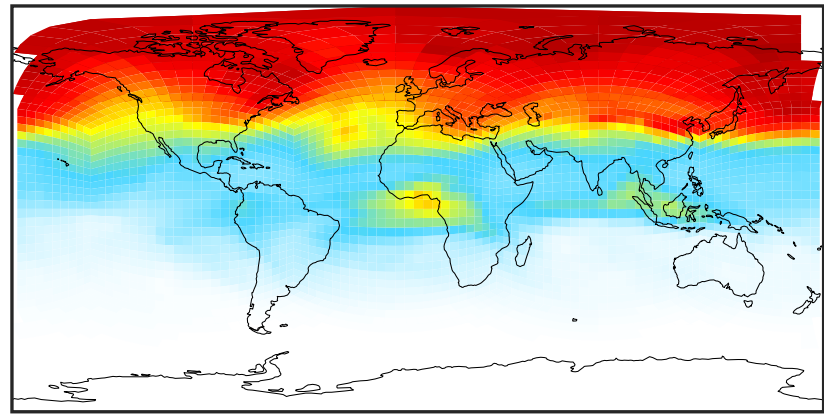
SpeciesConcVV_C2H6 (Jan2019)

GCHP_14.0.0 (Ref)
c24



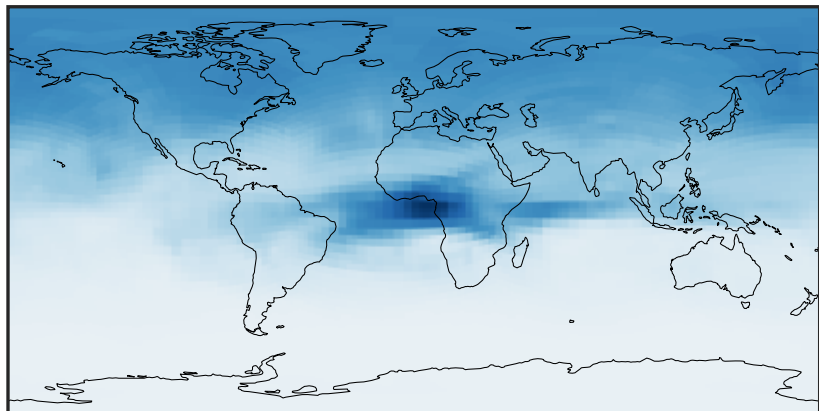
0.054 0.307 0.615 0.922 1.283
ppb

GCHP_14.2.0 (Dev)
c24



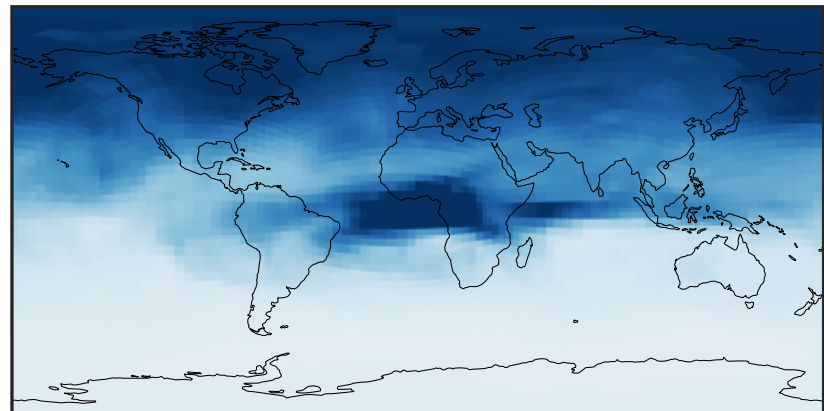
0.054 0.307 0.615 0.922 1.283
ppb

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



-0.2305 -0.1152 0.0000 0.1152 0.2305
ppb

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



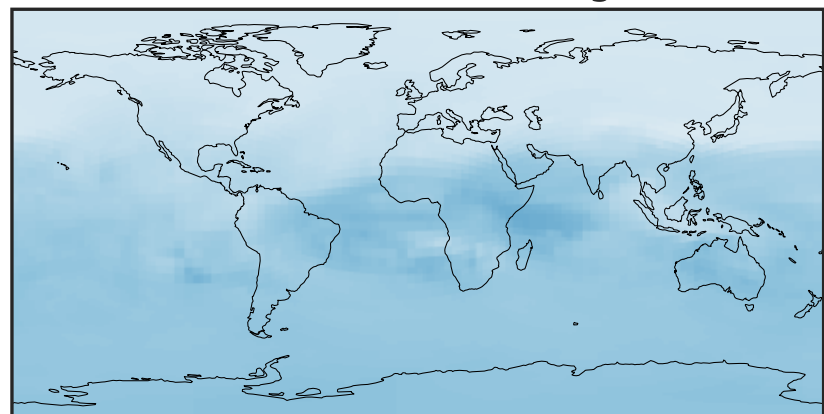
-0.1488 -0.0744 0.0000 0.0744 0.1488
ppb

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



0.9028 0.9514 1.0000 1.0538 1.1076
unitless

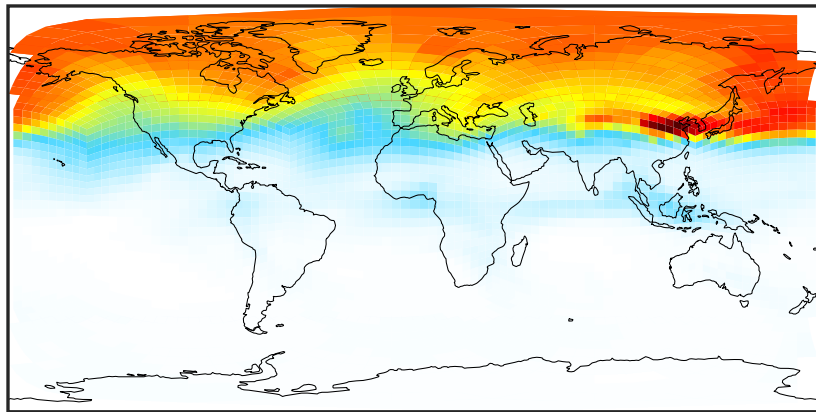
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

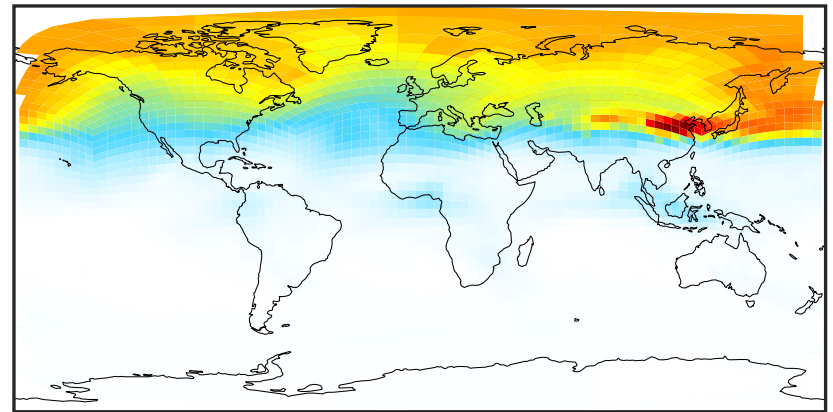
SpeciesConcVV_C3H8 (Jan2019)

GCHP_14.0.0 (Ref)
c24



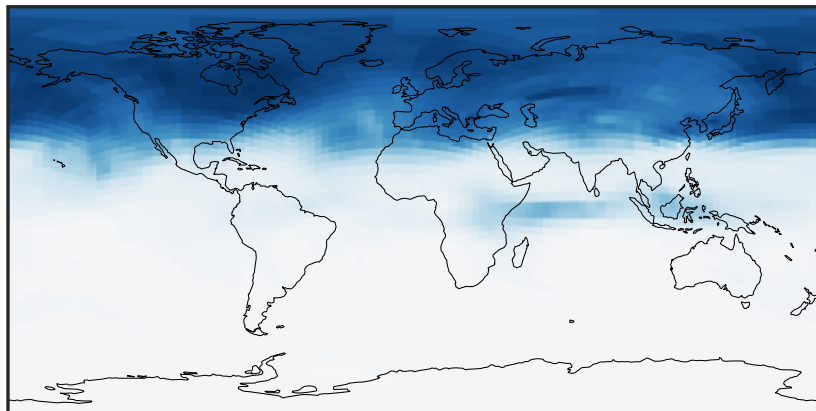
0.0015 0.1816 0.3633 0.5449 0.7280
ppb

GCHP_14.2.0 (Dev)
c24



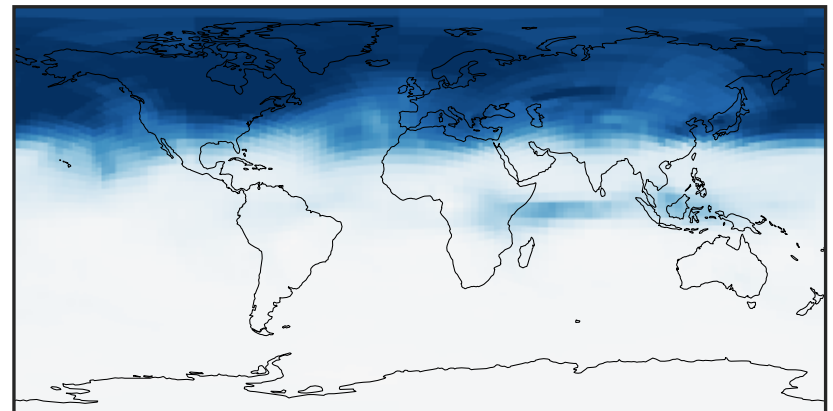
0.0015 0.1816 0.3633 0.5449 0.7280
ppb

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



-0.0625 -0.0312 0.0000 0.0312 0.0625
ppb

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



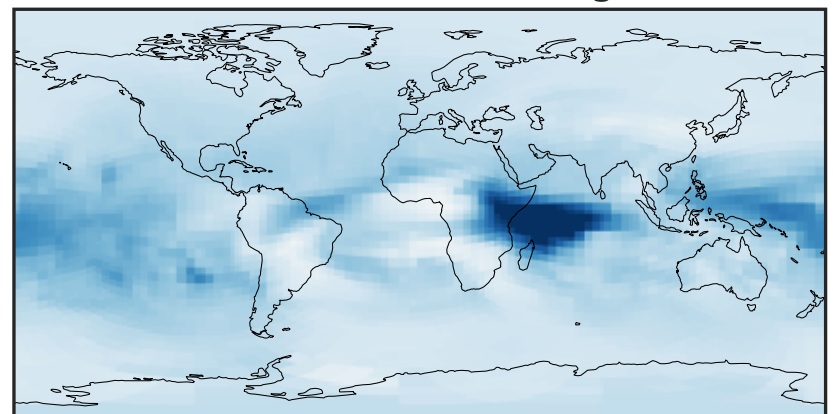
-0.058 -0.029 0.000 0.029 0.058
ppb

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



0.98117 0.99059 1.00000 1.00959 1.01919
unitless

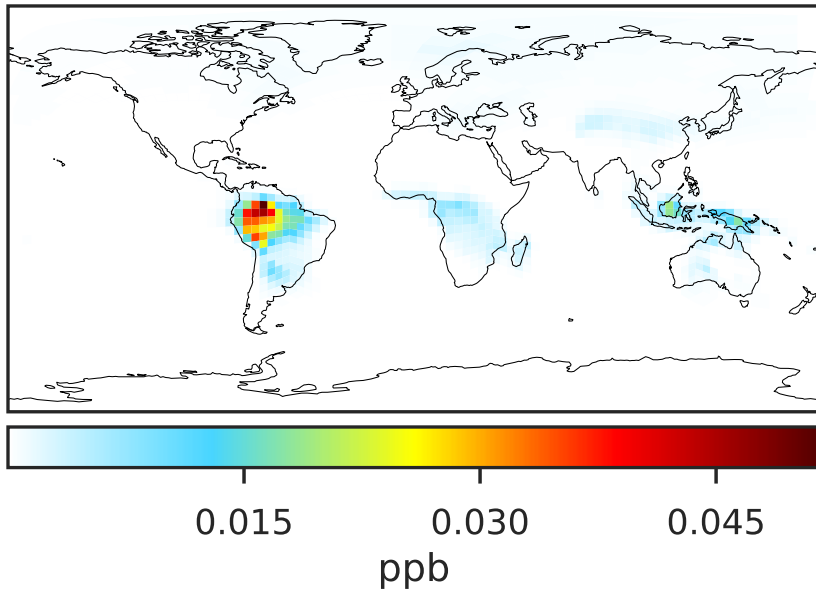
Ratio (1x1.25)
Dev/Ref, Fixed Range



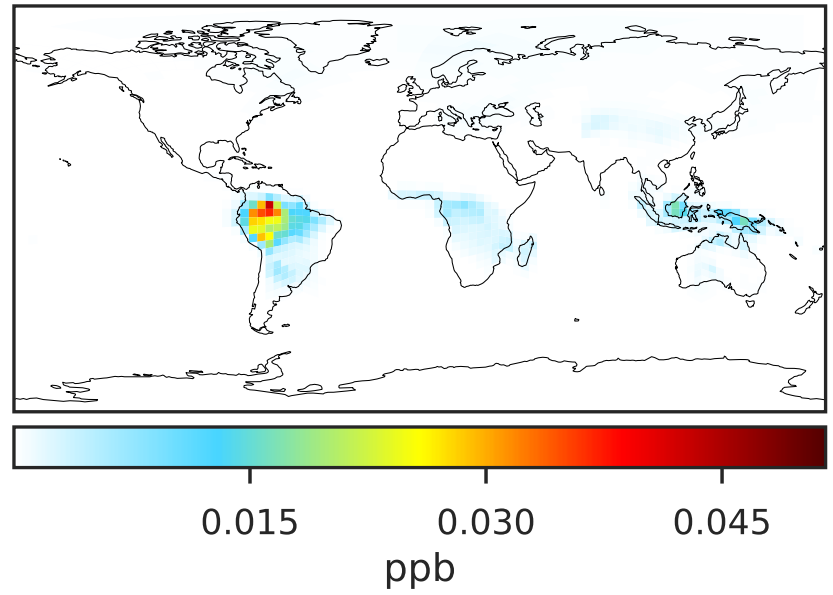
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_PRPE (Jan2019)

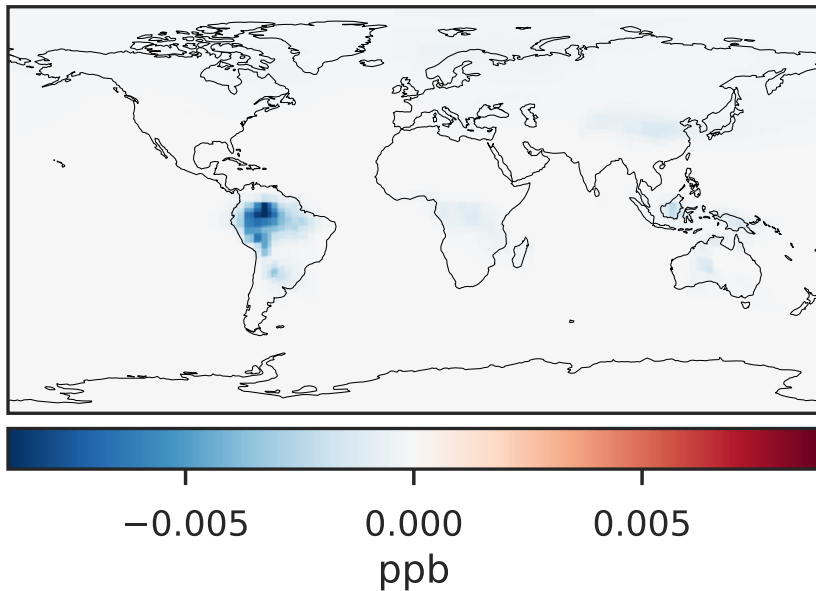
GCHP_14.0.0 (Ref)
c24



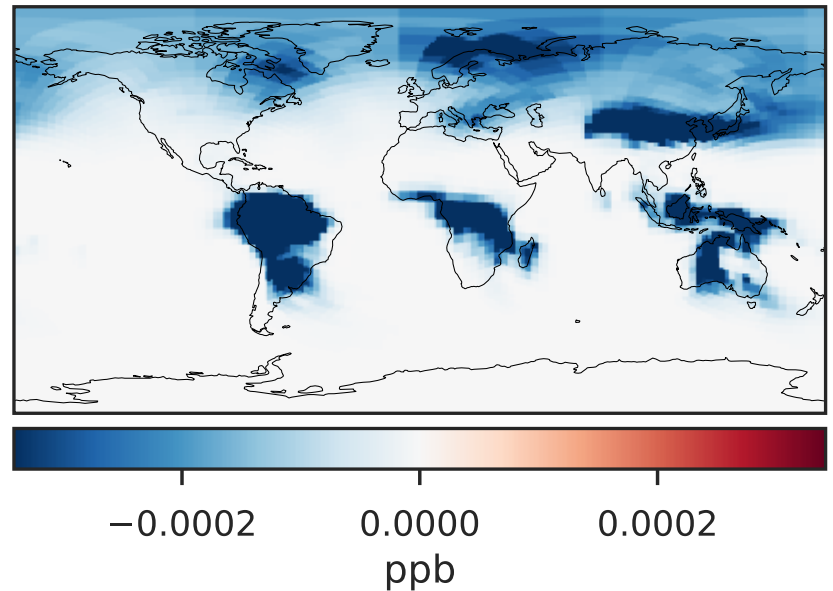
GCHP_14.2.0 (Dev)
c24



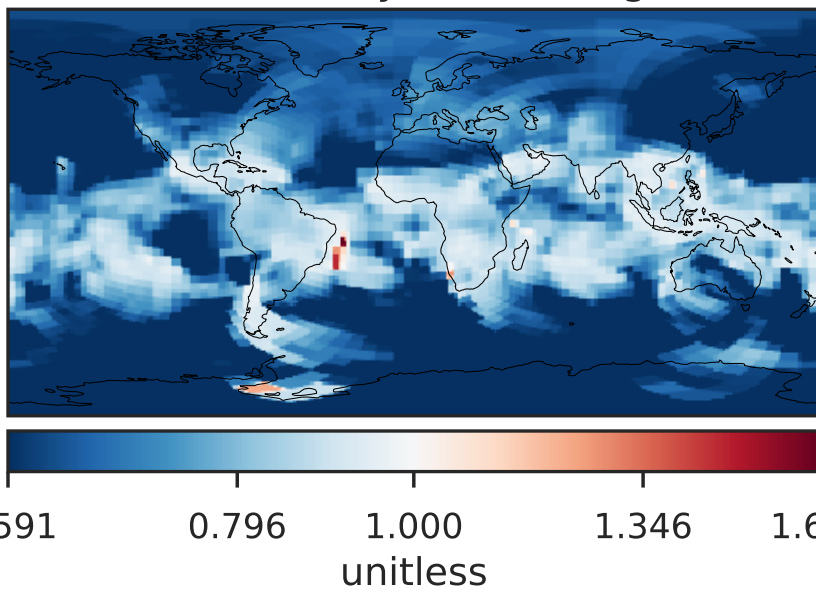
Difference (1x1.25)
Dev - Ref, Dynamic Range



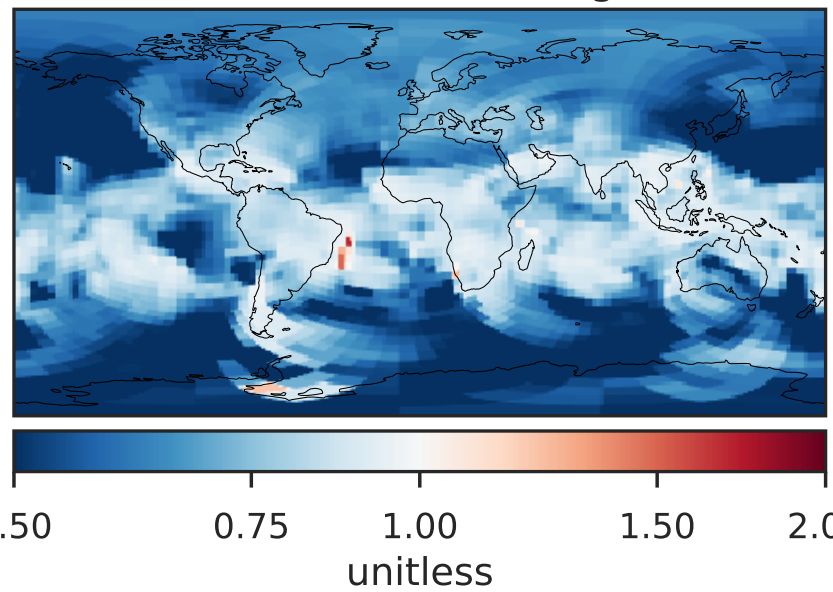
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

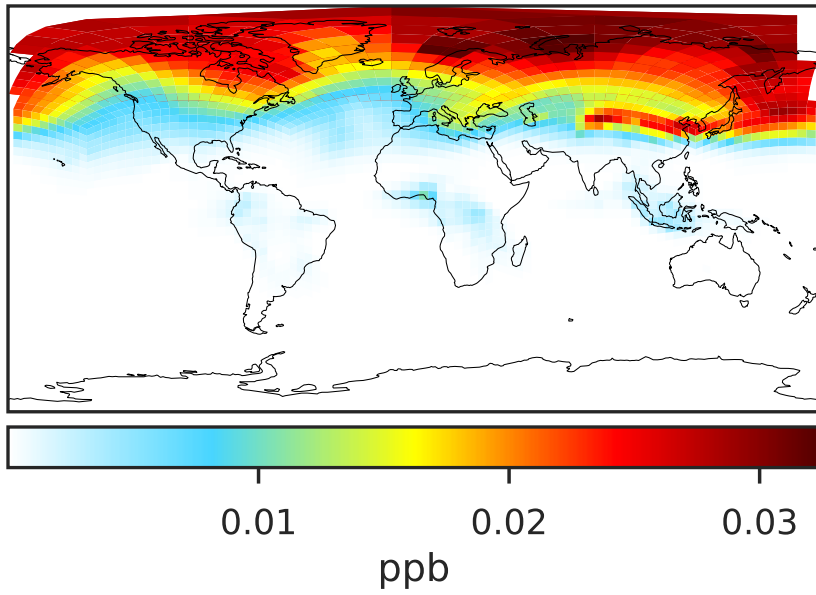


Ratio (1x1.25)
Dev/Ref, Fixed Range

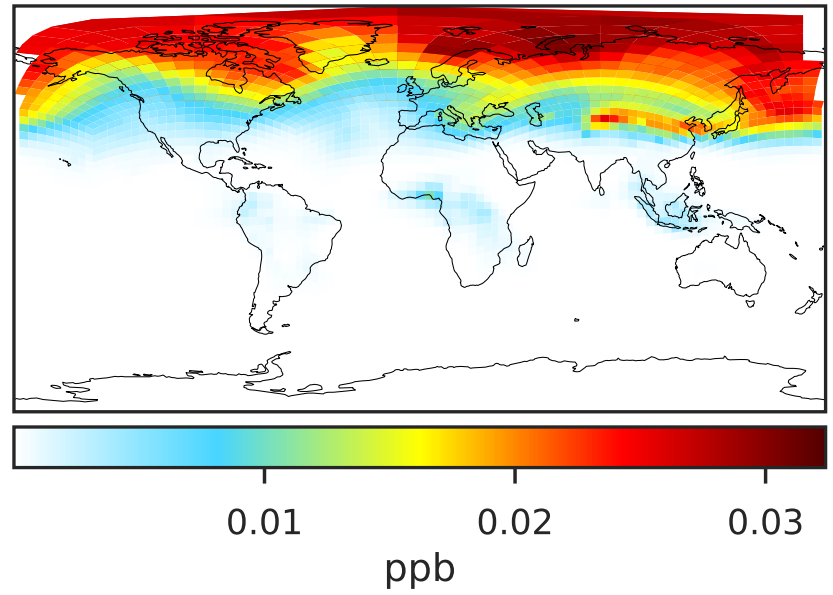


SpeciesConcVV_TOLU (Jan2019)

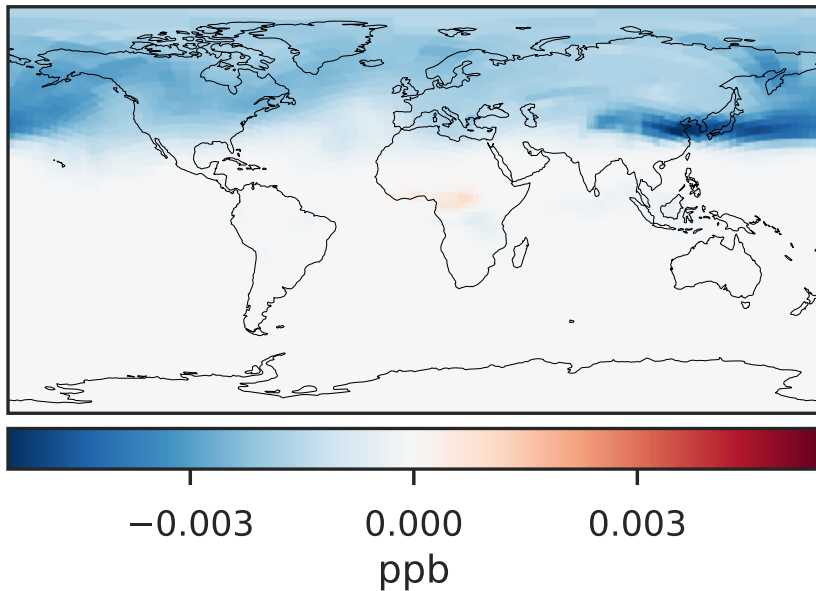
GCHP_14.0.0 (Ref)
c24



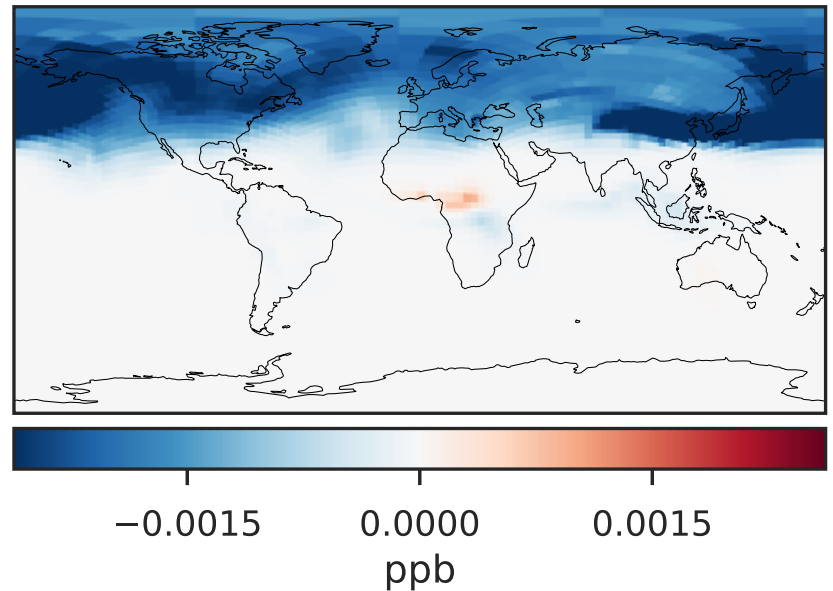
GCHP_14.2.0 (Dev)
c24



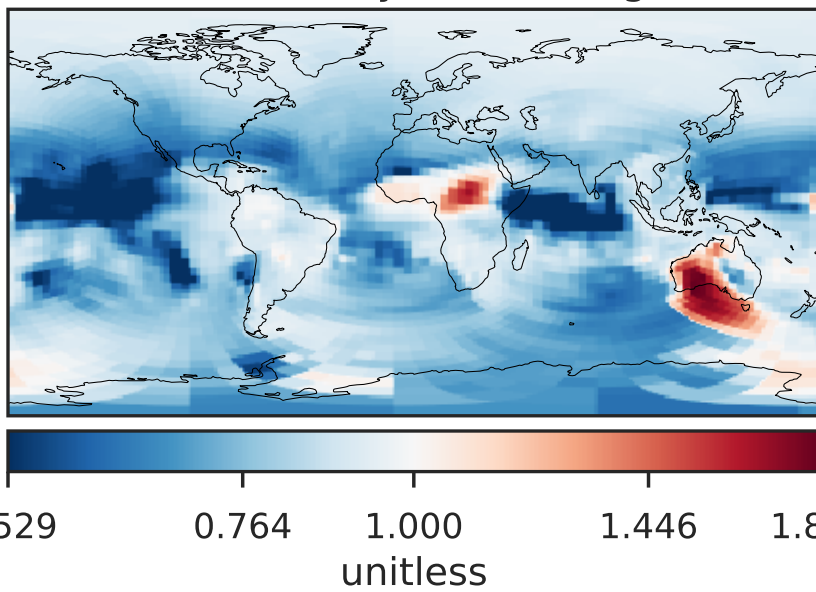
Difference (1x1.25)
Dev - Ref, Dynamic Range



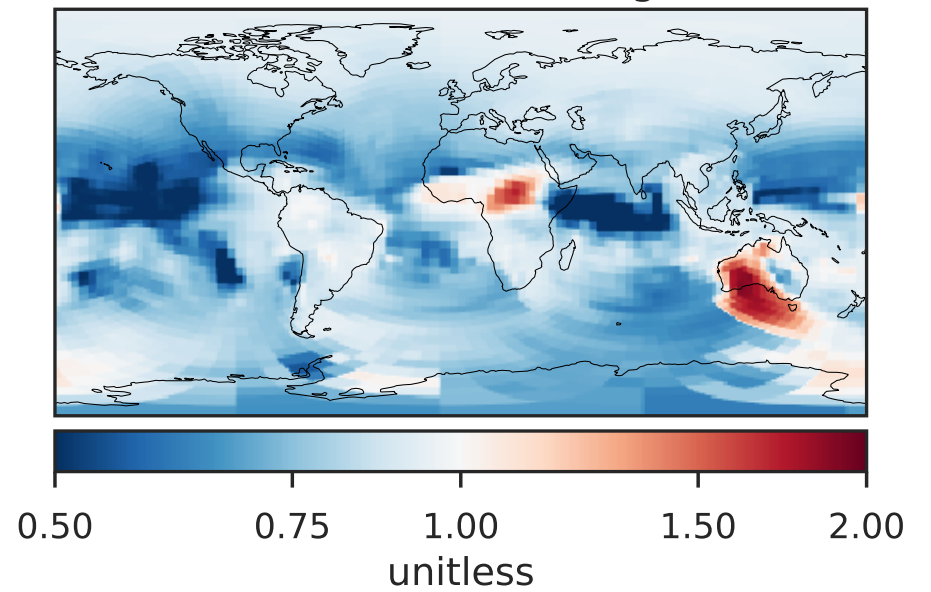
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

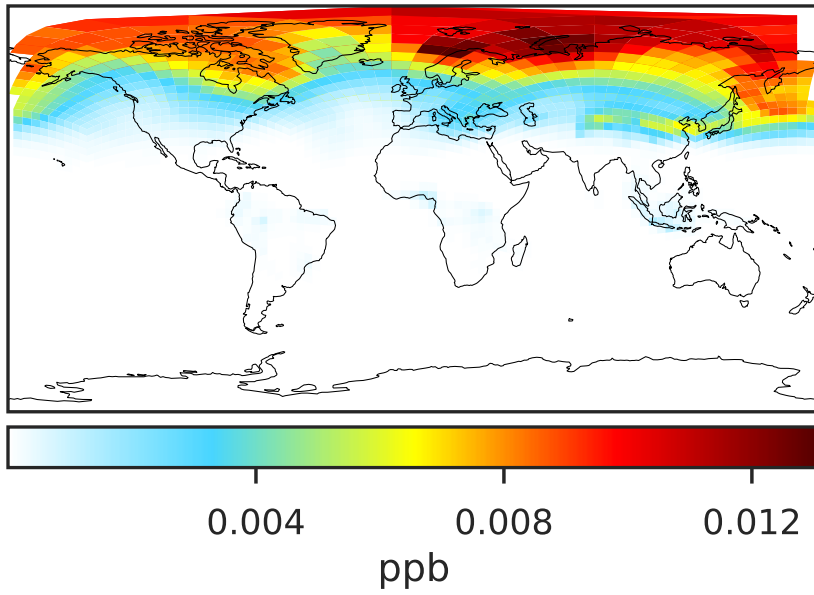


Ratio (1x1.25)
Dev/Ref, Fixed Range

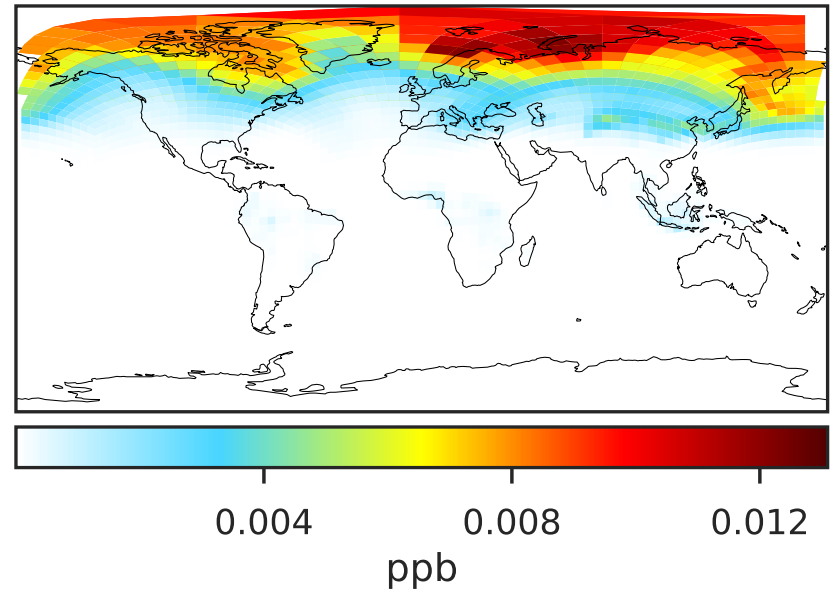


SpeciesConcVV_XYLE (Jan2019)

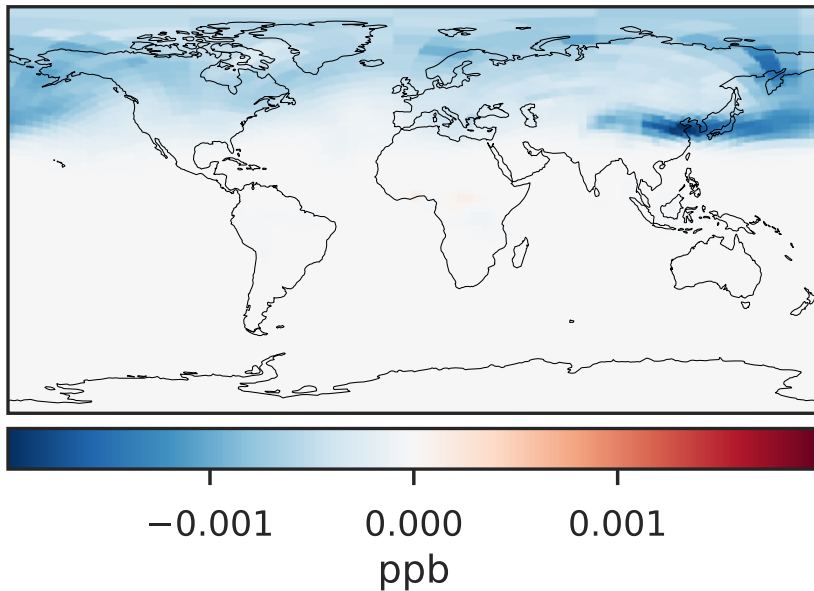
GCHP_14.0.0 (Ref)
c24



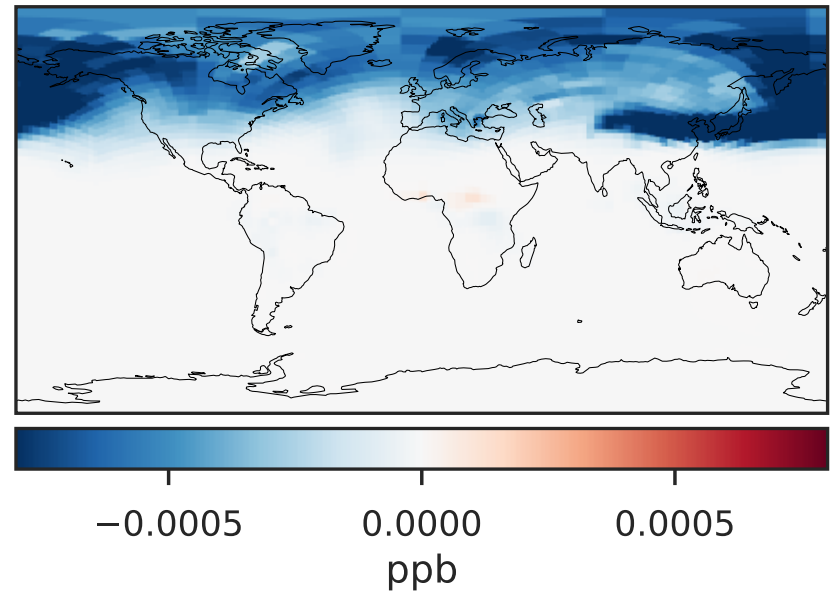
GCHP_14.2.0 (Dev)
c24



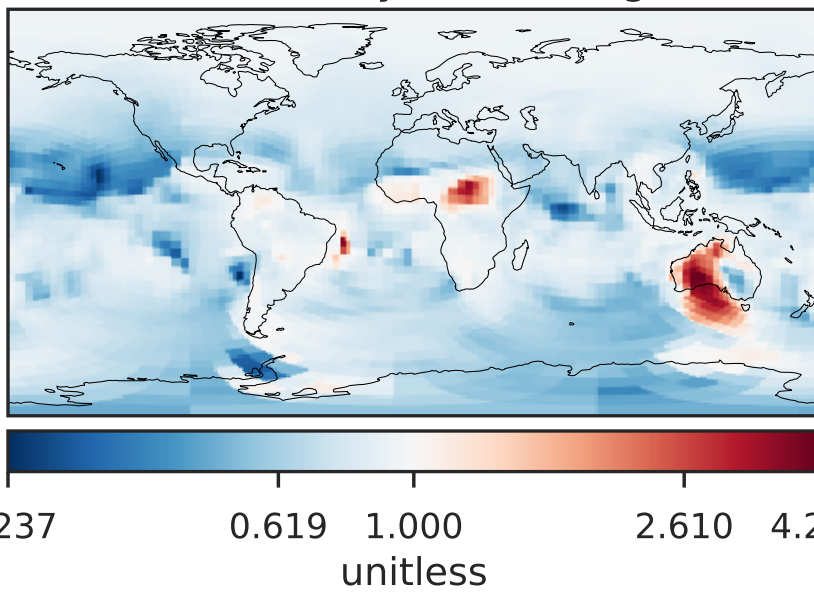
Difference (1x1.25)
Dev - Ref, Dynamic Range



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



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



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

