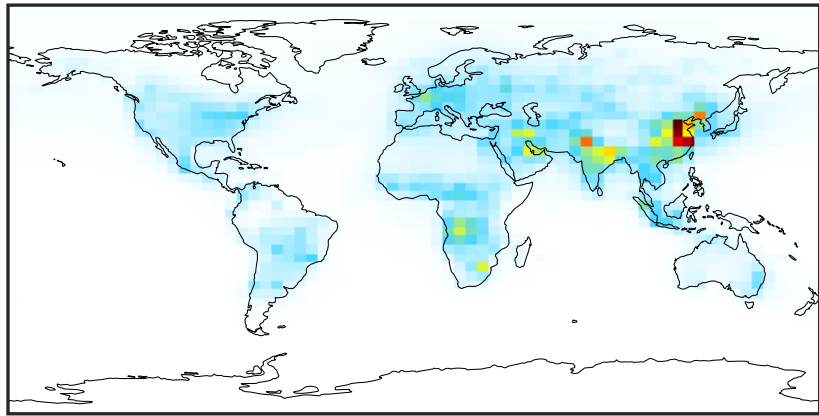


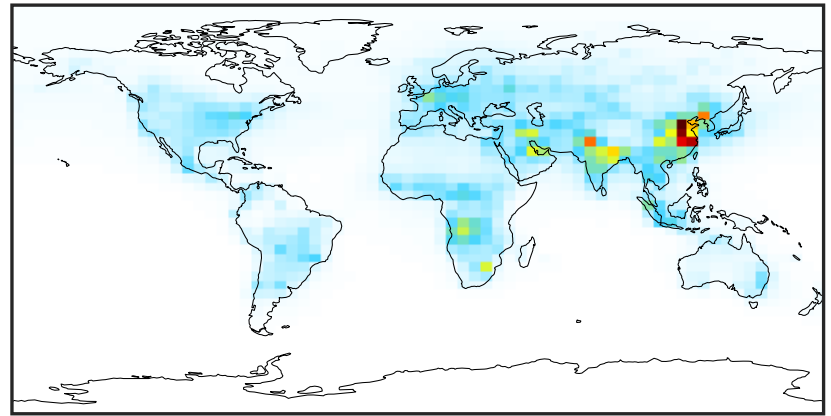
SpeciesConcVV_NOy (AnnualMean)

14.2.0-rc.2 (Ref)
4.0x5.0



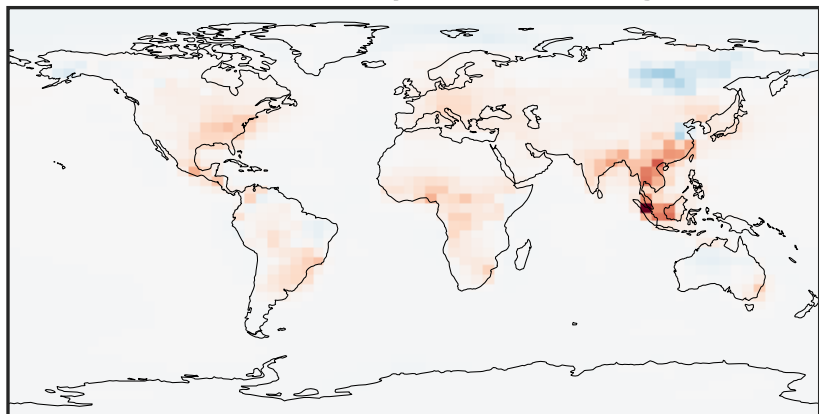
0.02 3.92 7.82 11.73 15.63
ppb

14.3.0-rc.0 (Dev)
4.0x5.0



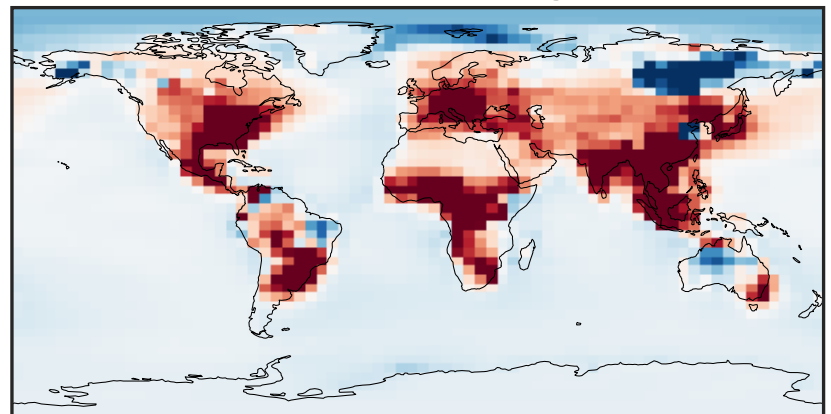
0.02 3.92 7.82 11.73 15.63
ppb

Difference
Dev - Ref, Dynamic Range



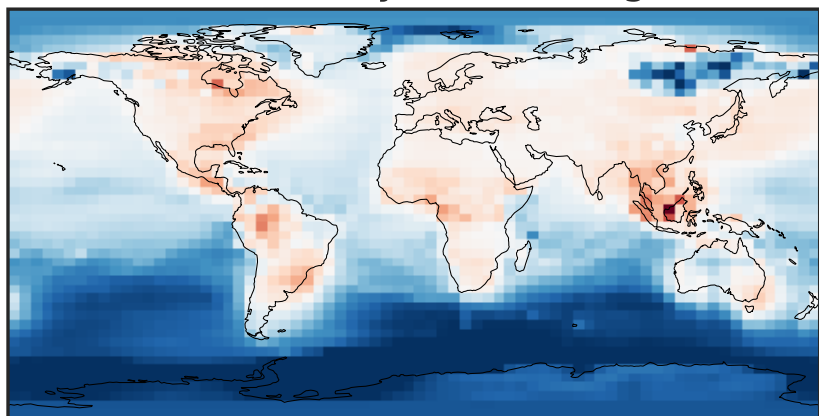
-0.0938 -0.0469 0.0000 0.0469 0.0938
ppb

Difference
Dev - Ref, Restricted Range [5%,95%]



-0.005 0.000 0.005
ppb

Ratio
Dev/Ref, Dynamic Range



0.96181 0.98091 1.00000 1.01985 1.03970
unitless

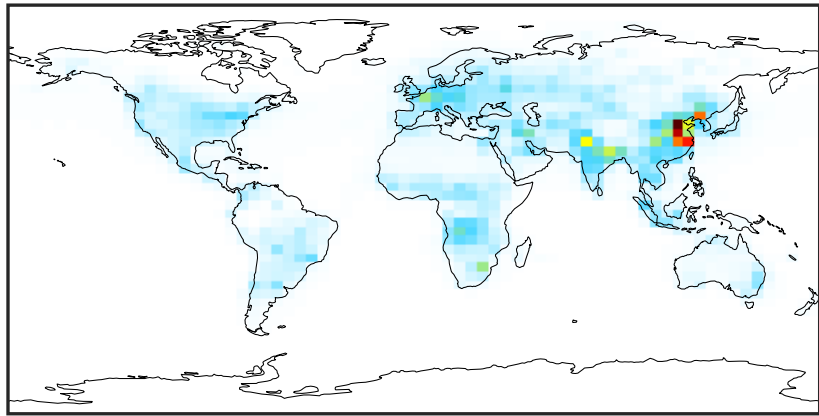
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

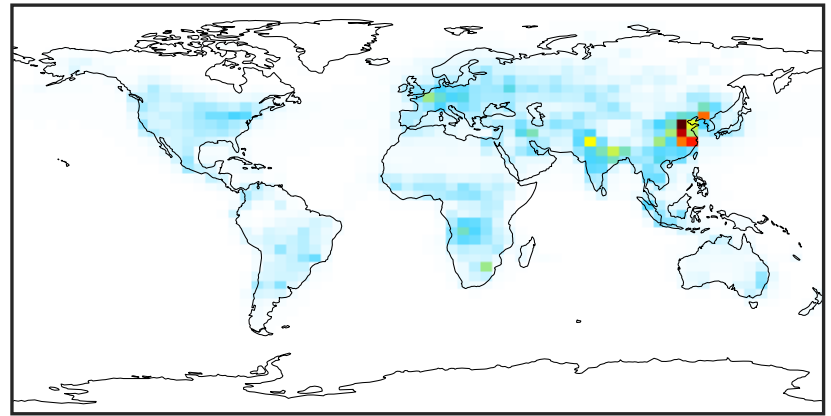
SpeciesConcVV_NOx (AnnualMean)

14.2.0-rc.2 (Ref)
4.0x5.0



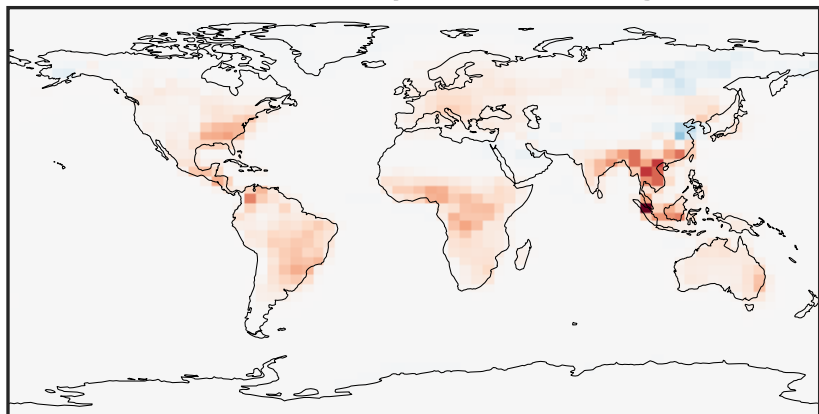
0.00 3.10 6.19 9.29 12.39
ppb

14.3.0-rc.0 (Dev)
4.0x5.0



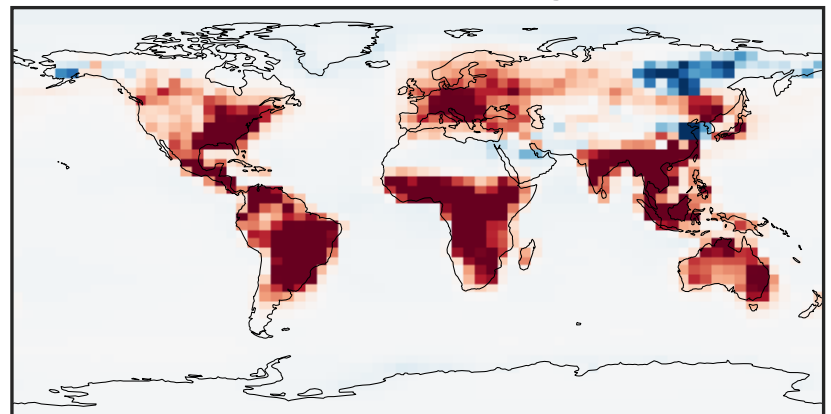
0.00 3.10 6.19 9.29 12.39
ppb

Difference
Dev - Ref, Dynamic Range



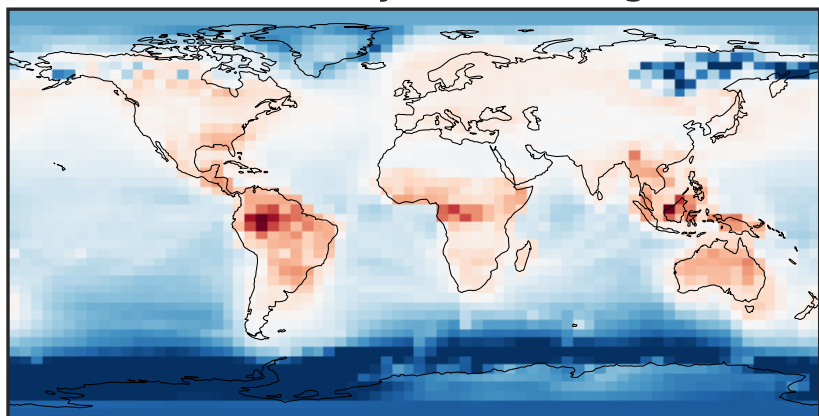
-0.1308 -0.0654 0.0000 0.0654 0.1308
ppb

Difference
Dev - Ref, Restricted Range [5%,95%]



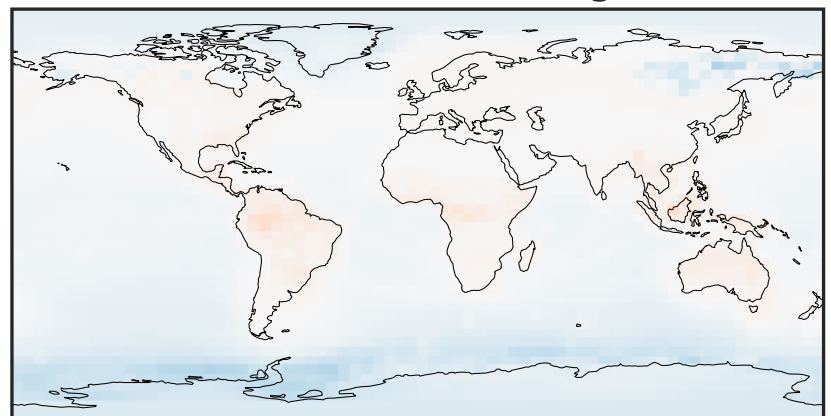
-0.01 0.00 0.01
ppb

Ratio
Dev/Ref, Dynamic Range



0.8889 0.9444 1.0000 1.0625 1.1250
unitless

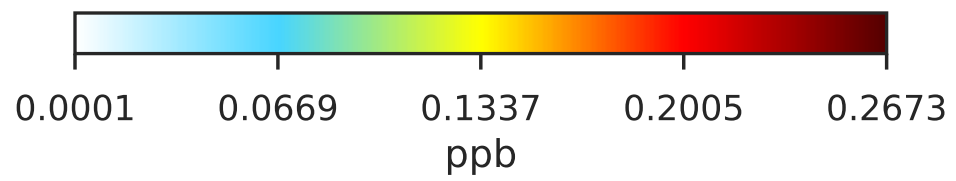
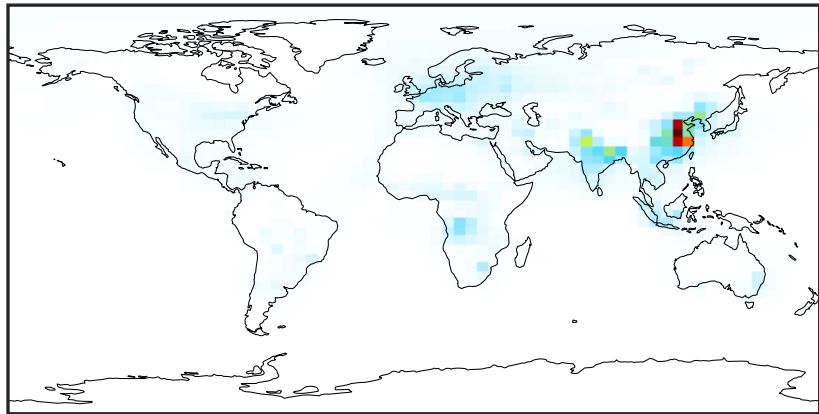
Ratio
Dev/Ref, Fixed Range



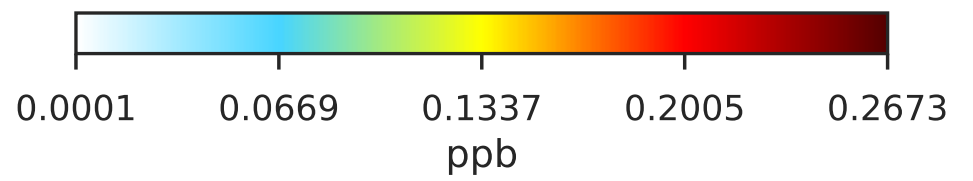
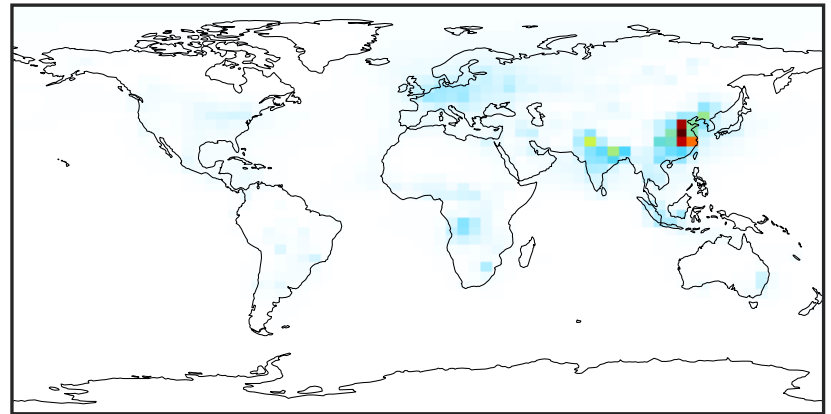
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_HNO2 (AnnualMean)

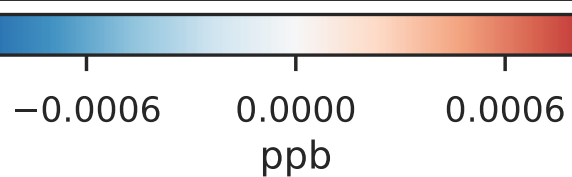
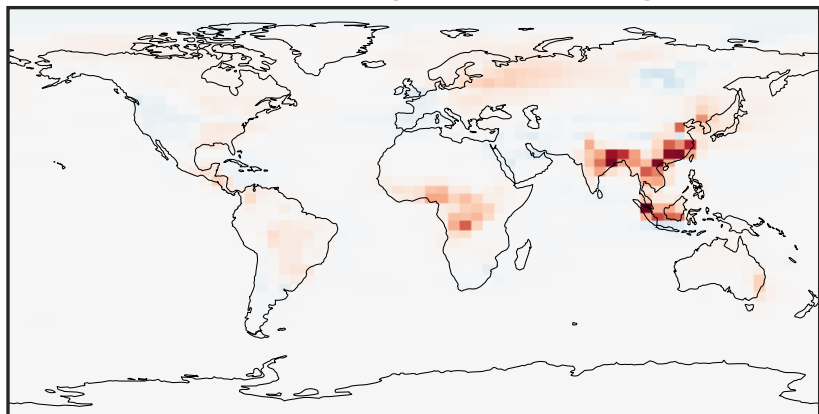
14.2.0-rc.2 (Ref)
4.0x5.0



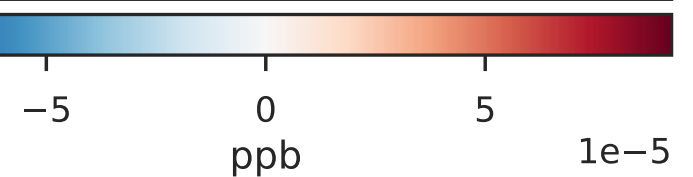
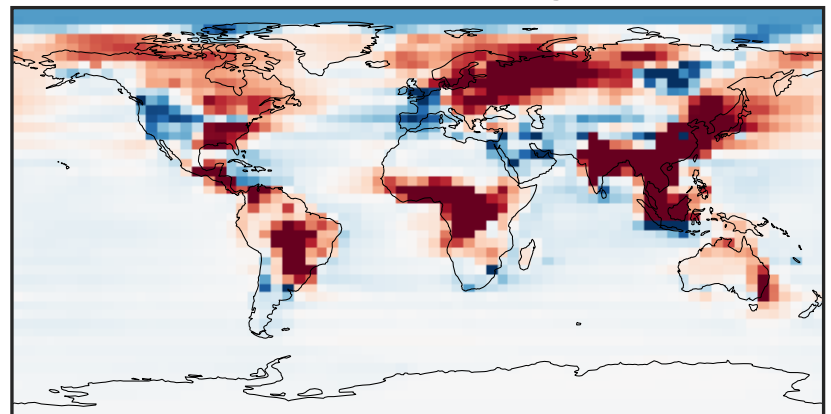
14.3.0-rc.0 (Dev)
4.0x5.0



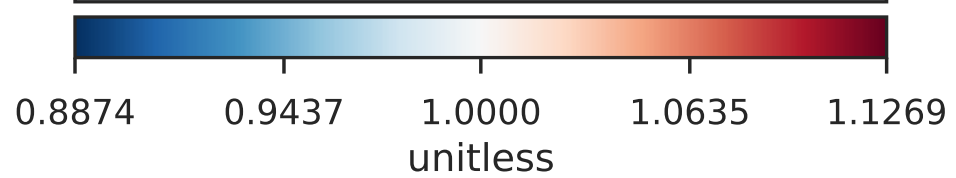
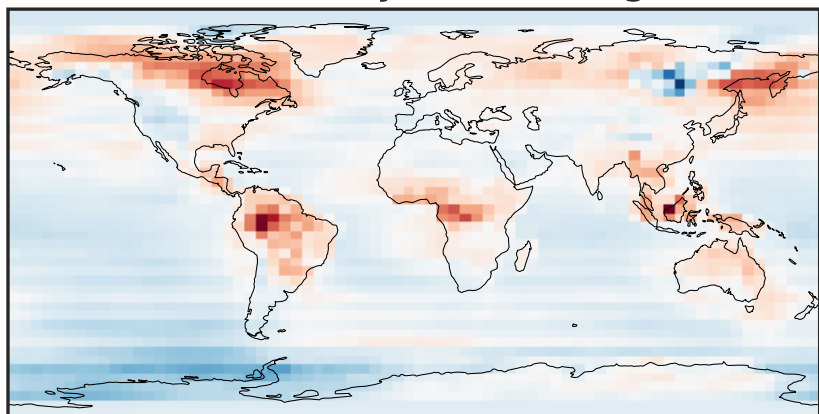
Difference
Dev - Ref, Dynamic Range



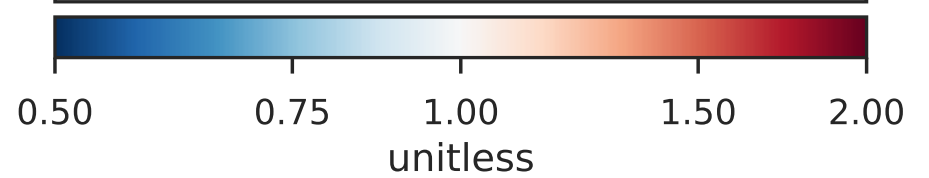
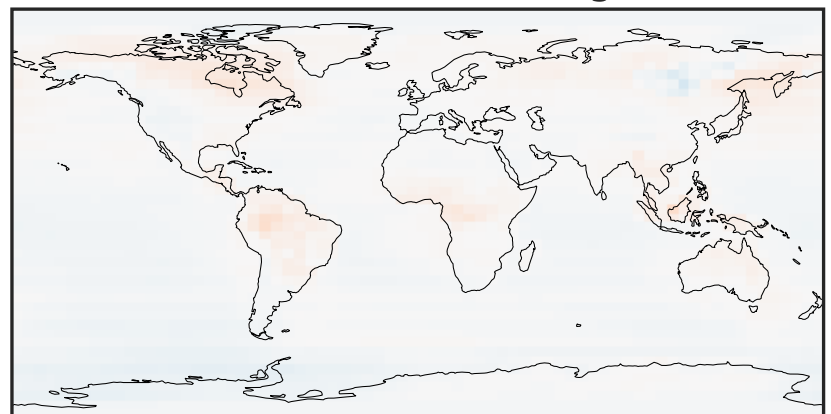
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

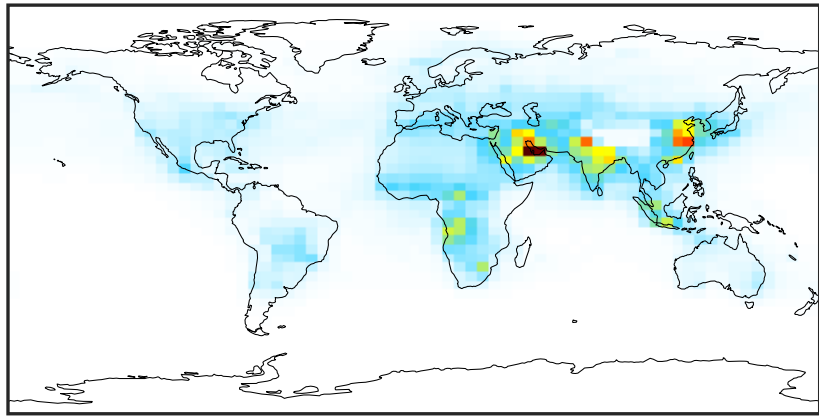


Ratio
Dev/Ref, Fixed Range



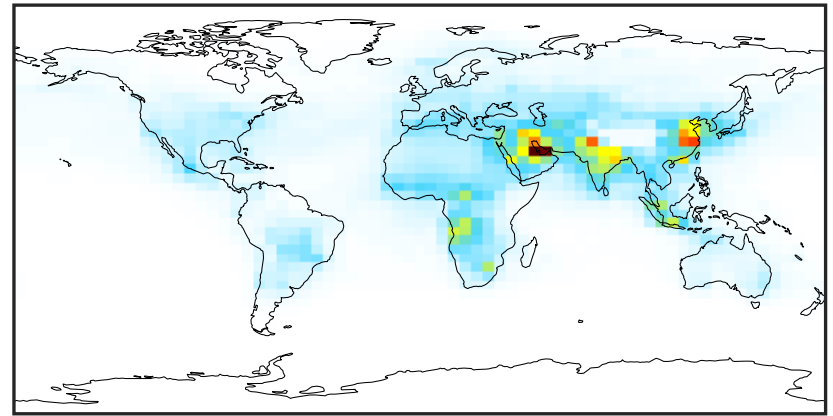
SpeciesConcVV_HNO3 (AnnualMean)

14.2.0-rc.2 (Ref)
4.0x5.0



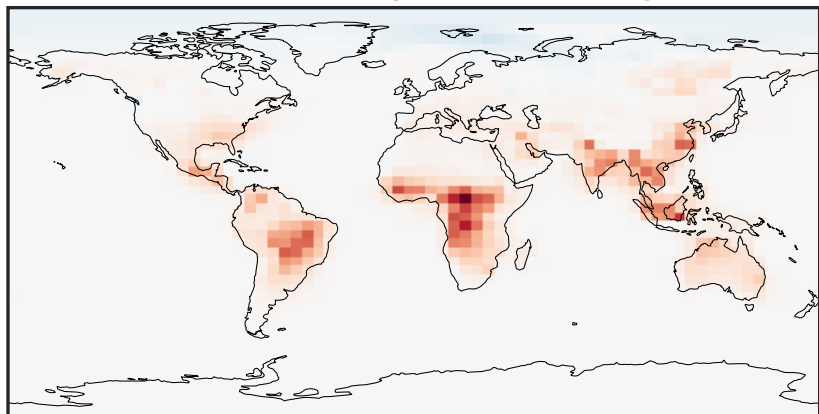
0.000 1.099 2.198 3.297 4.396
ppb

14.3.0-rc.0 (Dev)
4.0x5.0



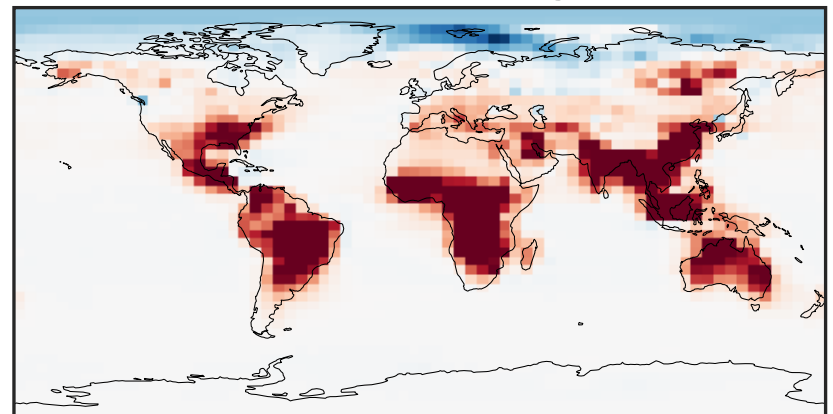
0.000 1.099 2.198 3.297 4.396
ppb

Difference
Dev - Ref, Dynamic Range



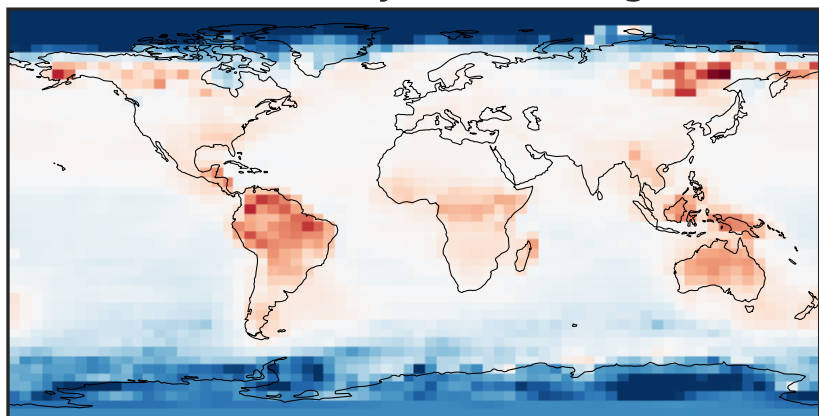
-0.025 0.000 0.025
ppb

Difference
Dev - Ref, Restricted Range [5%,95%]



-0.004 0.000 0.004
ppb

Ratio
Dev/Ref, Dynamic Range



0.8961 0.9481 1.000 1.0580 1.1159
unitless

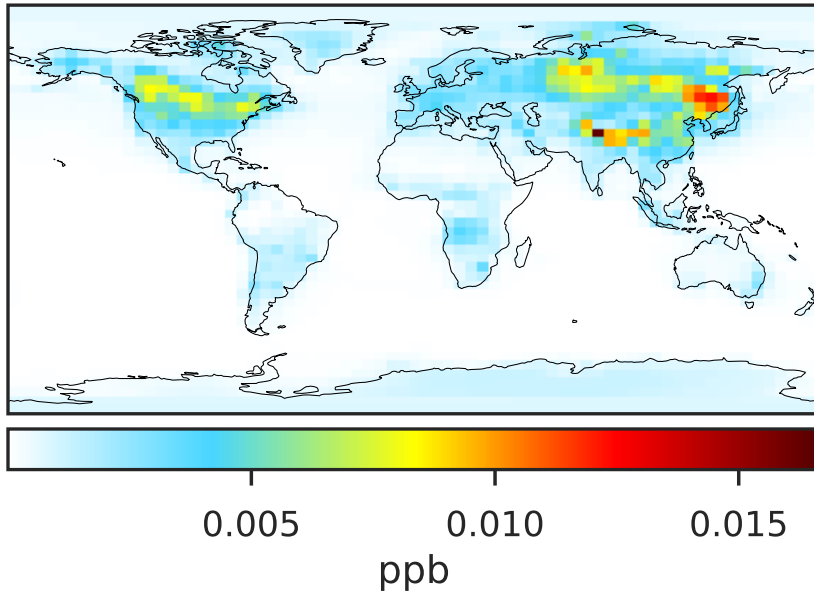
Ratio
Dev/Ref, Fixed Range



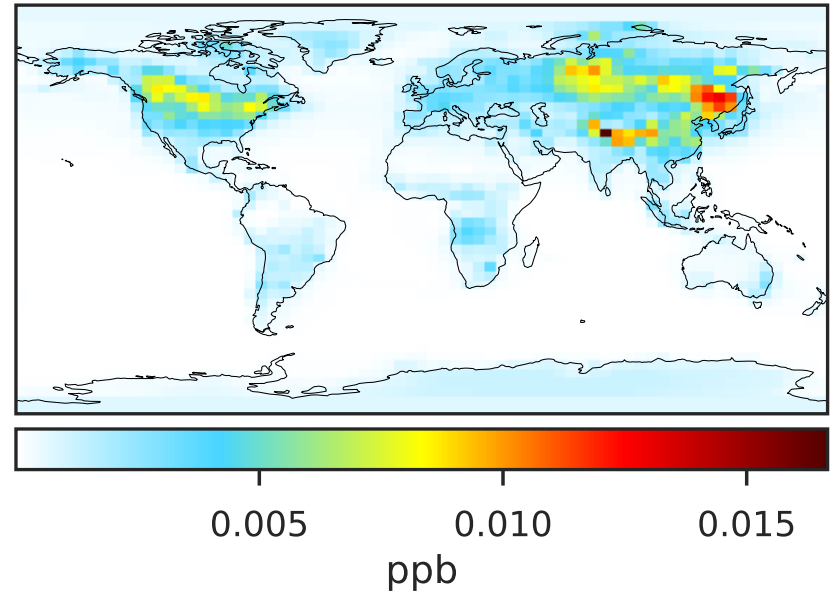
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_HNO4 (AnnualMean)

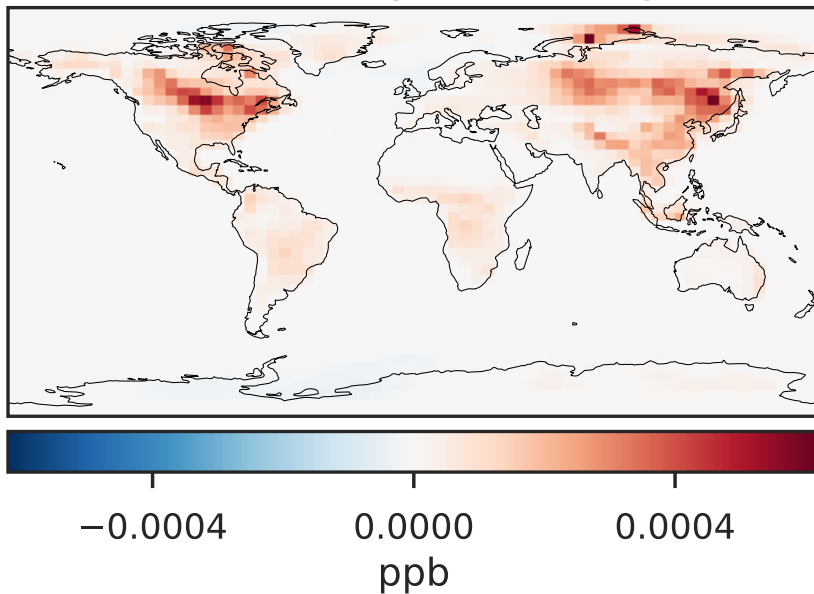
14.2.0-rc.2 (Ref)
4.0x5.0



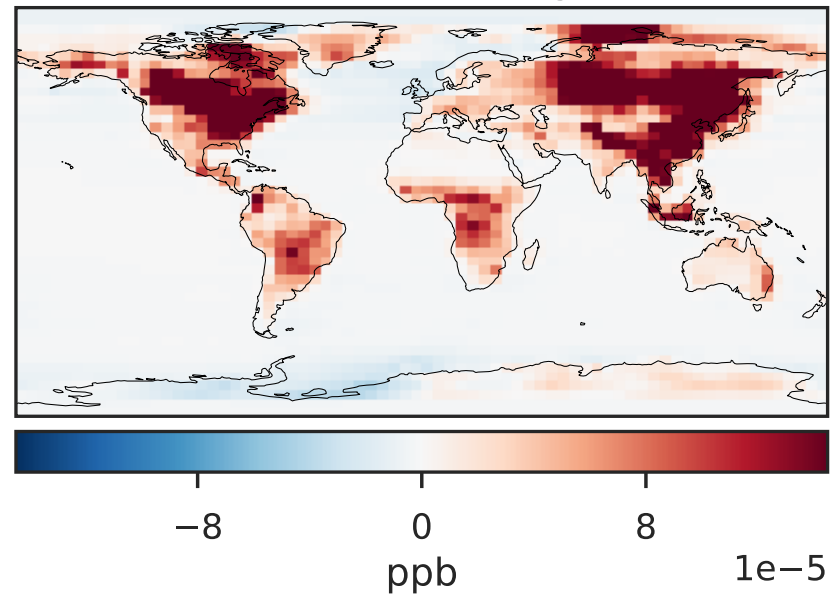
14.3.0-rc.0 (Dev)
4.0x5.0



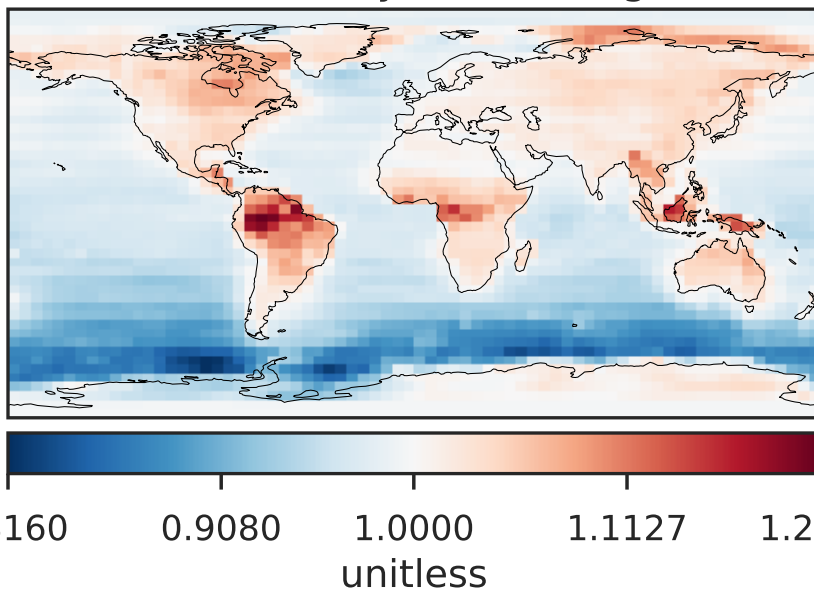
Difference
Dev - Ref, Dynamic Range



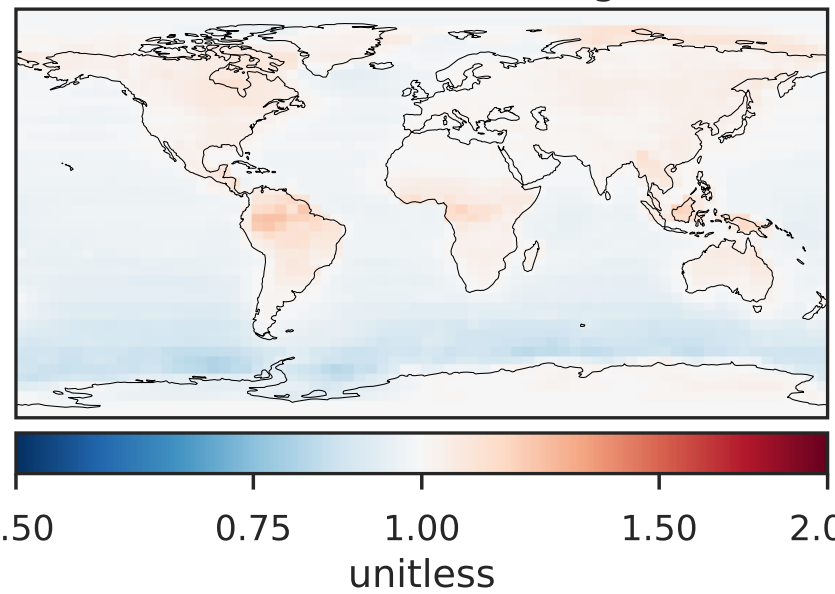
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

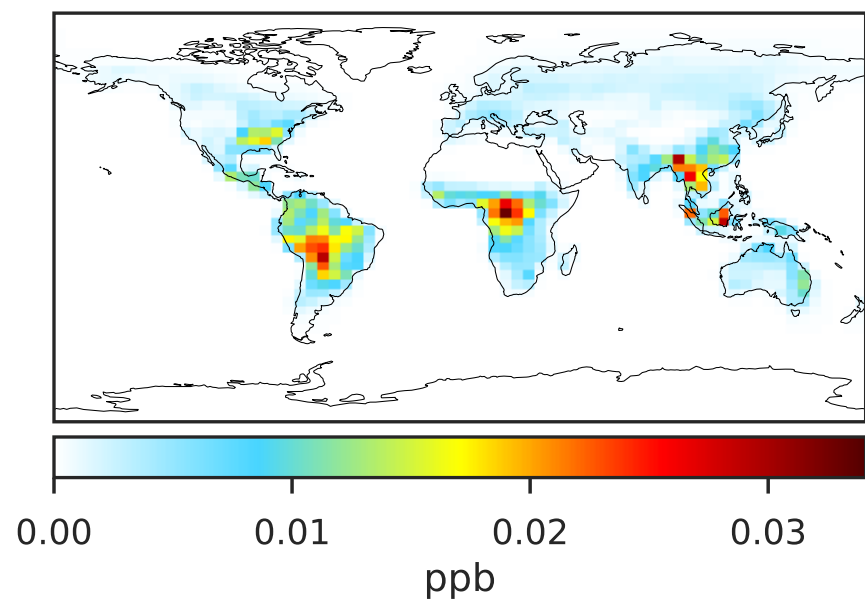


Ratio
Dev/Ref, Fixed Range

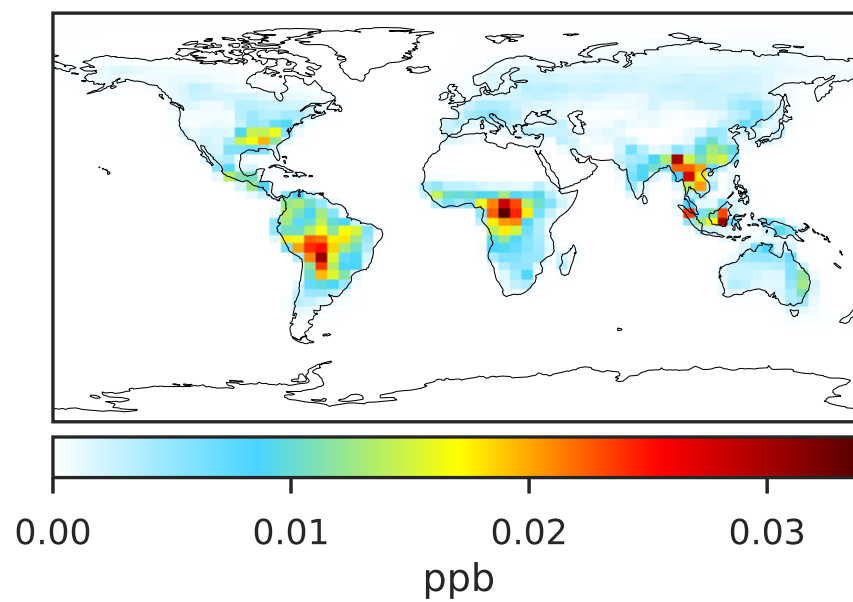


SpeciesConcVV_MPAN (AnnualMean)

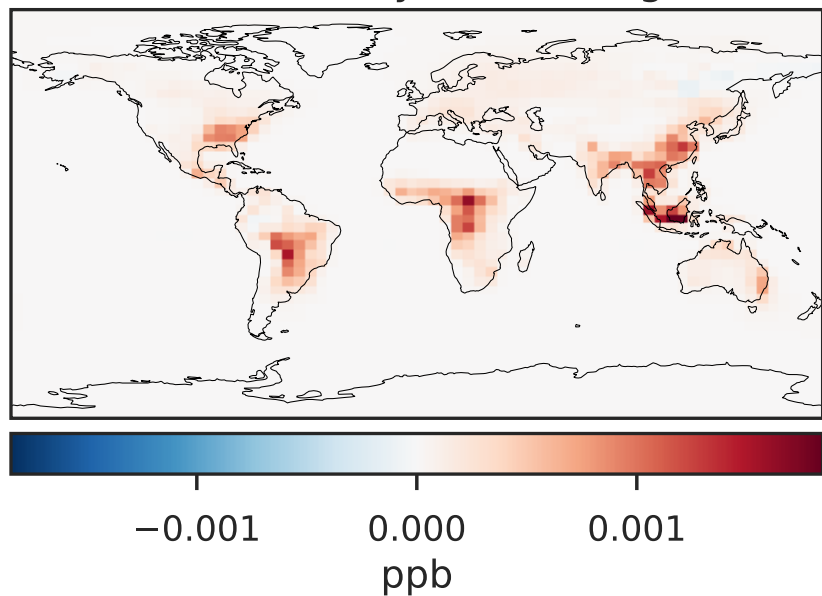
14.2.0-rc.2 (Ref)
4.0x5.0



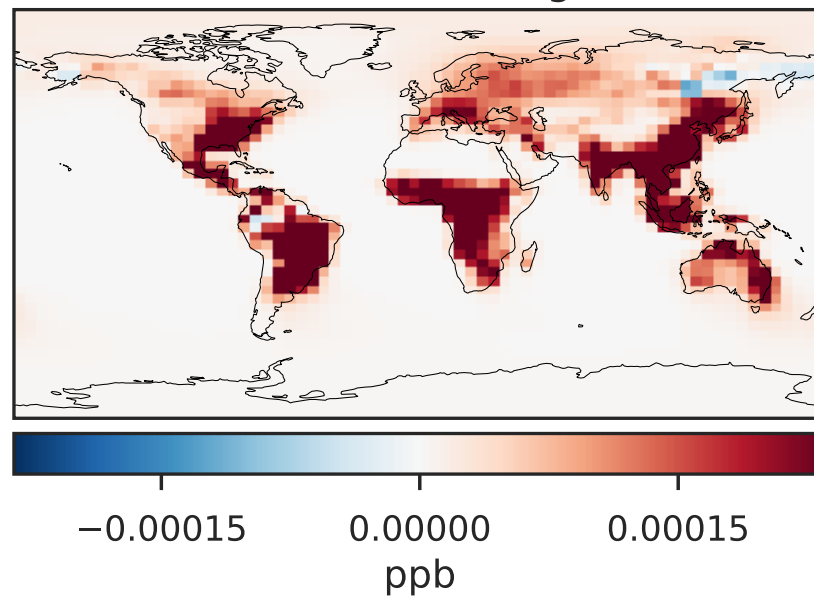
14.3.0-rc.0 (Dev)
4.0x5.0



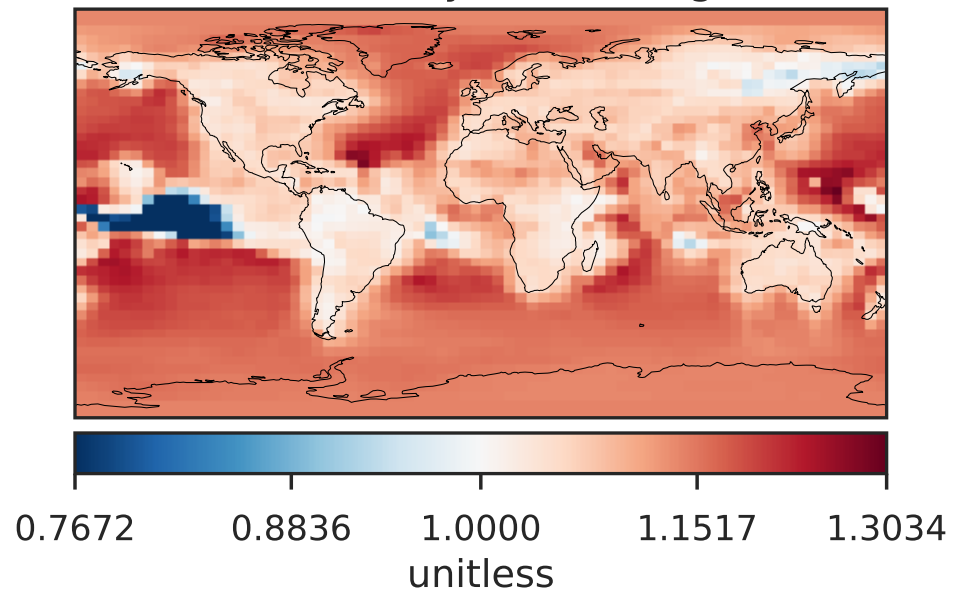
Difference
Dev - Ref, Dynamic Range



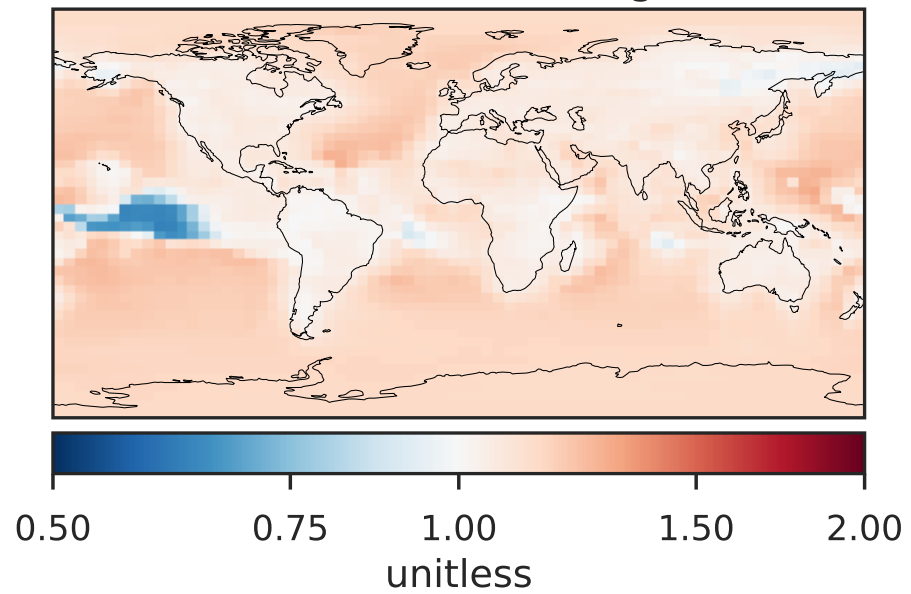
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

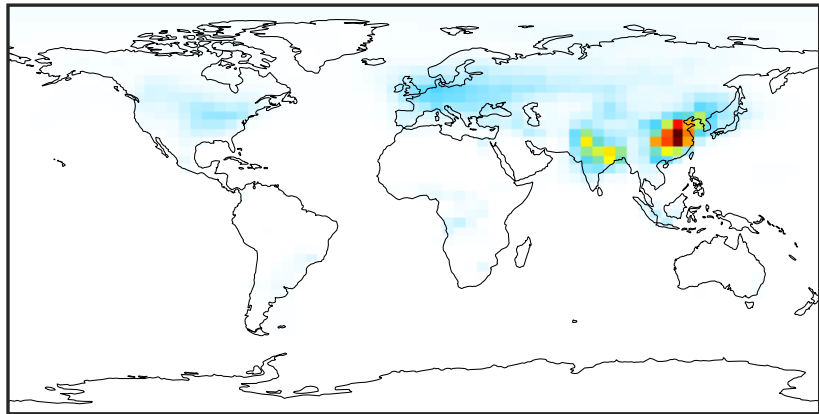


Ratio
Dev/Ref, Fixed Range



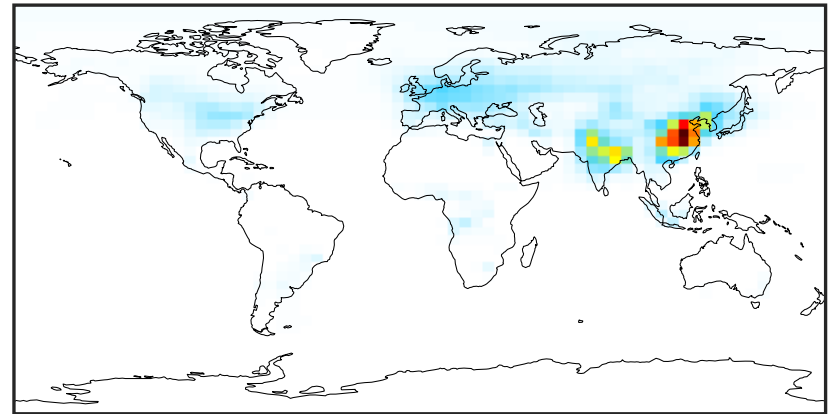
SpeciesConcVV_NIT (AnnualMean)

14.2.0-rc.2 (Ref)
4.0x5.0



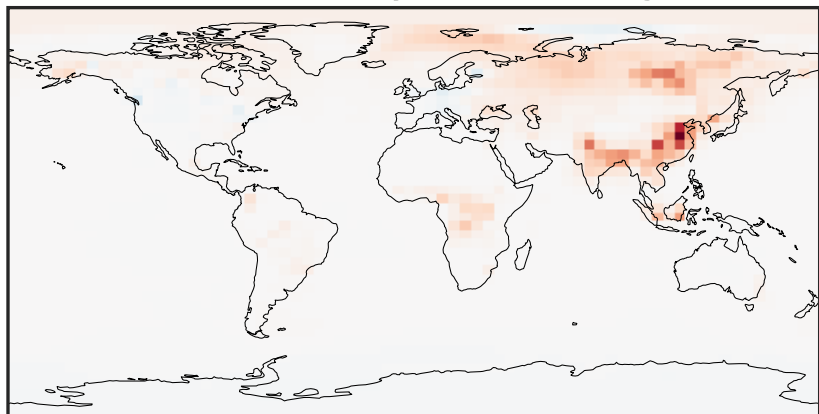
0.000 2.046 4.091 6.137 8.183
ppb

14.3.0-rc.0 (Dev)
4.0x5.0



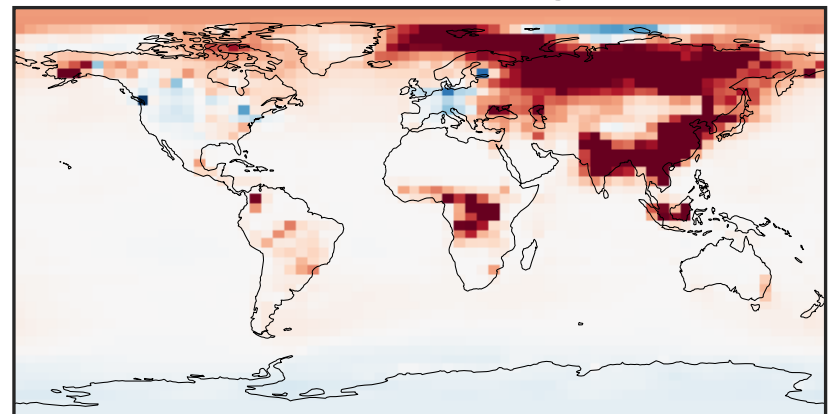
0.000 2.046 4.091 6.137 8.183
ppb

Difference
Dev - Ref, Dynamic Range



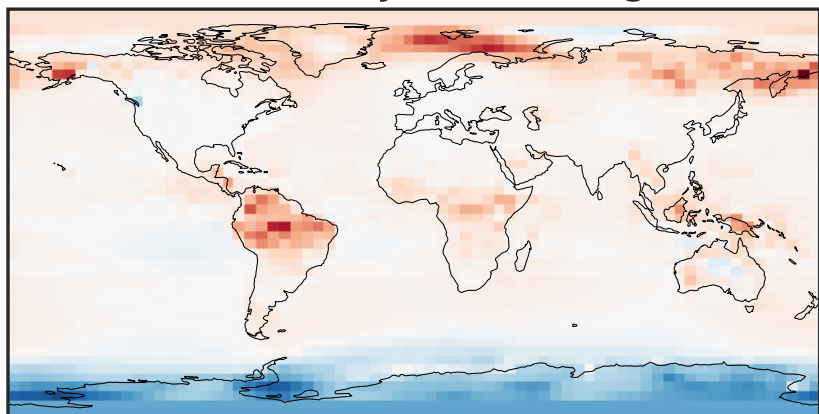
-0.054 -0.027 0.000 0.027 0.054
ppb

Difference
Dev - Ref, Restricted Range [5%,95%]



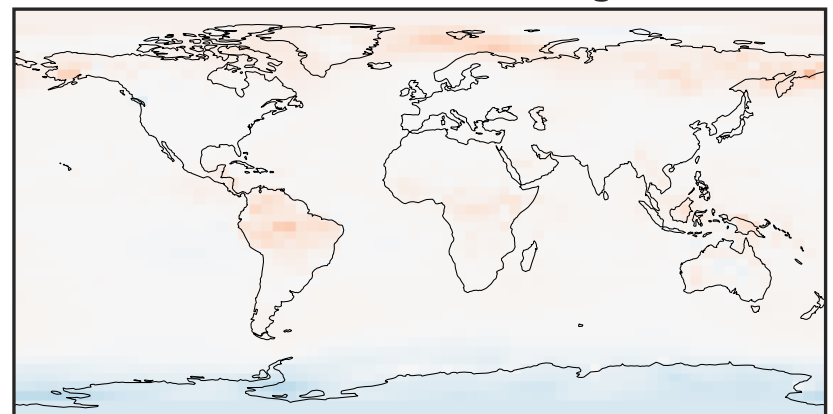
-0.004 0.000 0.004
ppb

Ratio
Dev/Ref, Dynamic Range



0.8074 0.9037 1.000 1.1192 1.2385
unitless

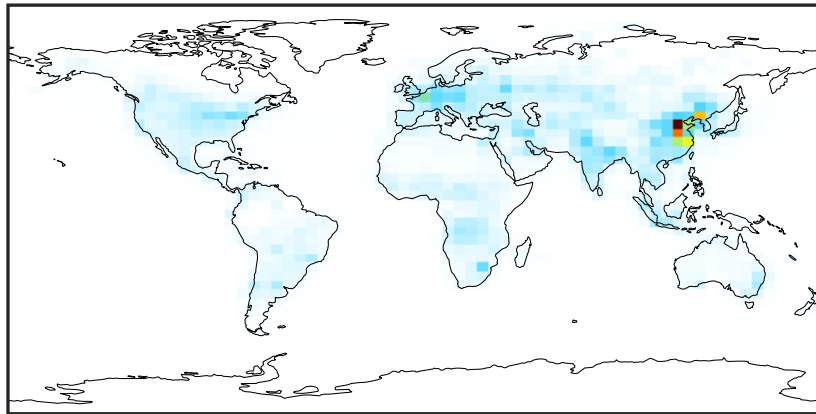
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

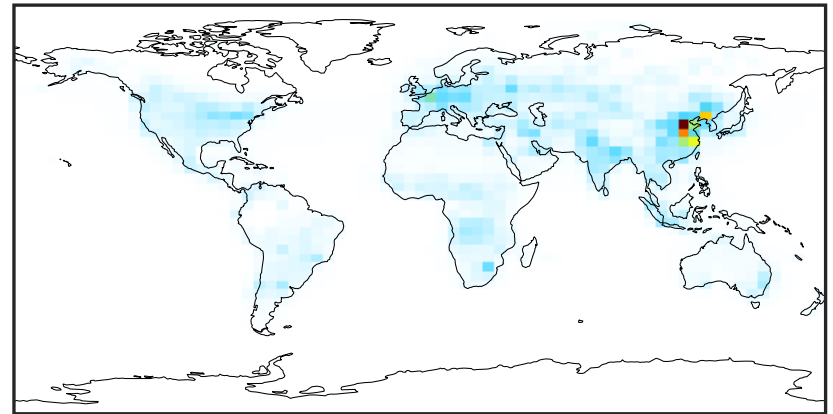
SpeciesConcVV_NO (AnnualMean)

14.2.0-rc.2 (Ref)
4.0x5.0



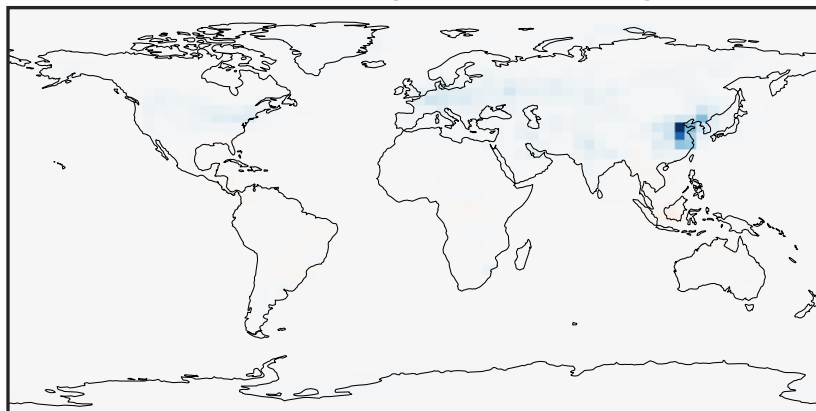
0.000 0.359 0.717 1.076 1.435
ppb

14.3.0-rc.0 (Dev)
4.0x5.0



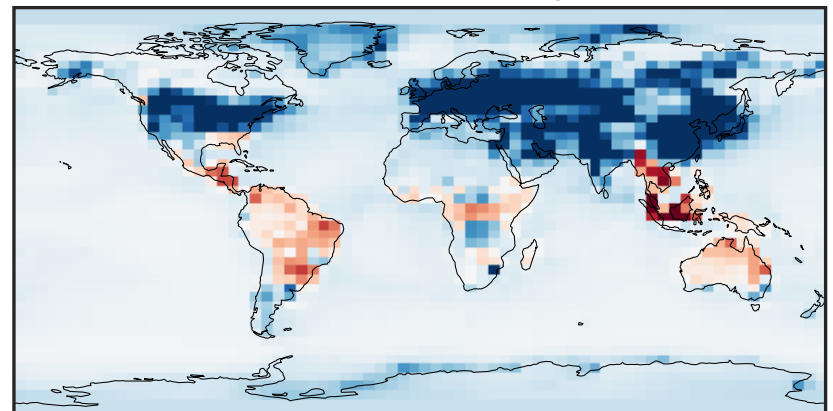
0.000 0.359 0.717 1.076 1.435
ppb

Difference
Dev - Ref, Dynamic Range



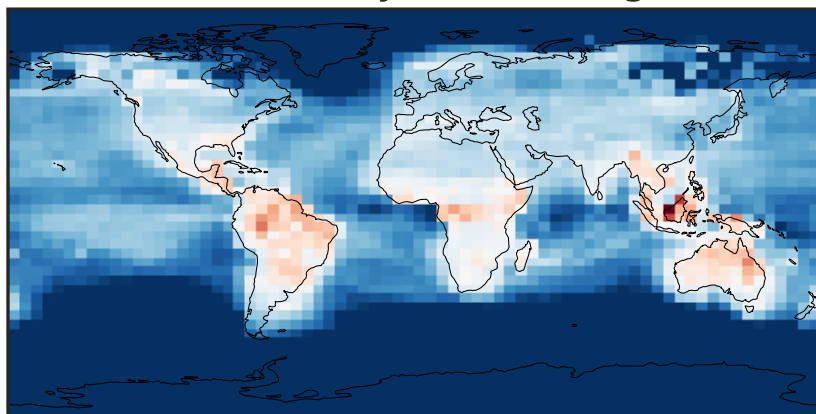
-0.02 0.00 0.02
ppb

Difference
Dev - Ref, Restricted Range [5%,95%]



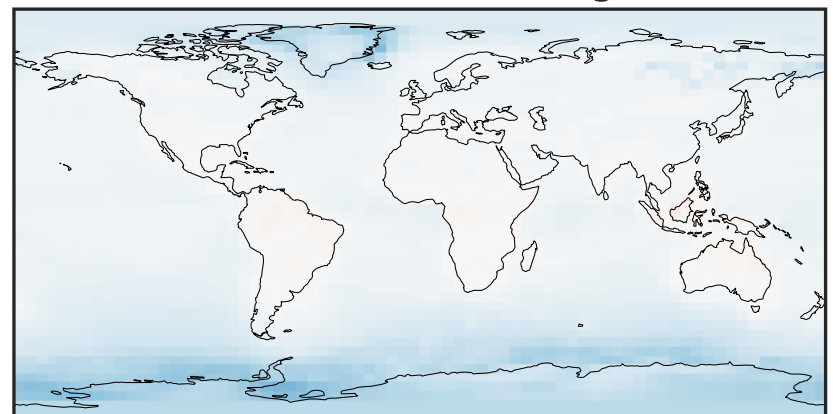
-0.0008 0.0000 0.0008
ppb

Ratio
Dev/Ref, Dynamic Range



0.9426 0.9713 1.0000 1.0304 1.0608
unitless

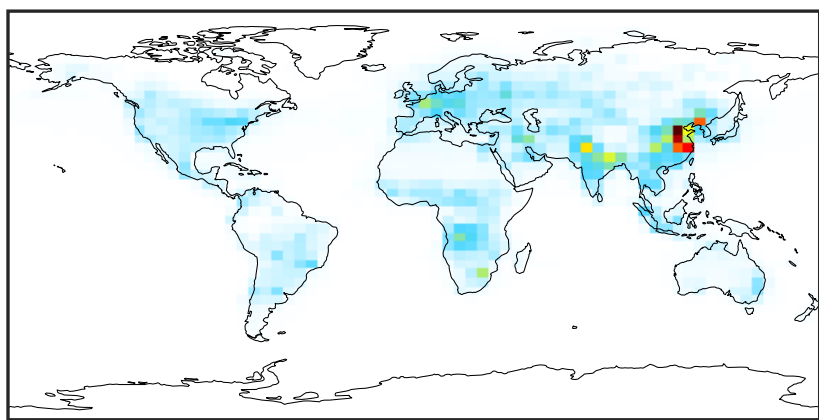
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

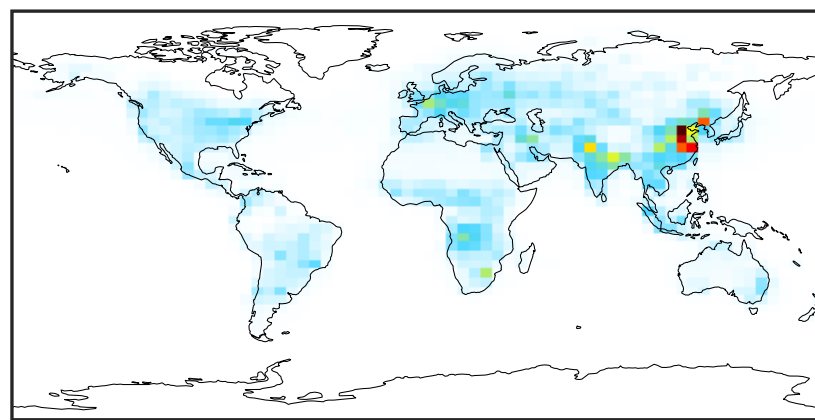
SpeciesConcVW_NO2 (AnnualMean)

14.2.0-rc.2 (Ref)
4.0x5.0



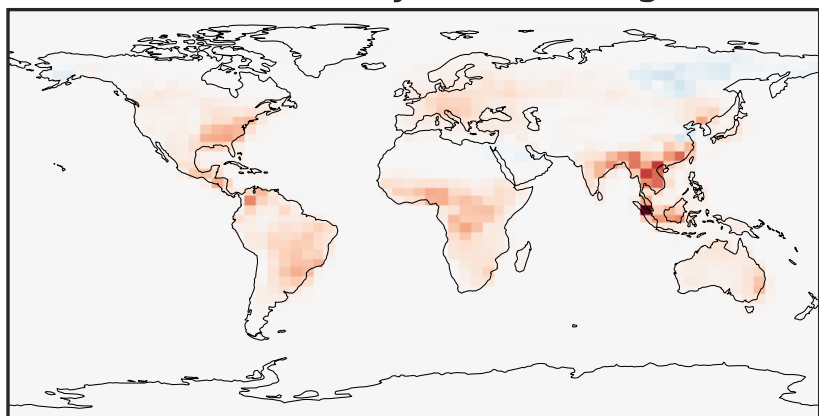
0.00 2.67 5.35 8.02 10.70
ppb

14.3.0-rc.0 (Dev)
4.0x5.0



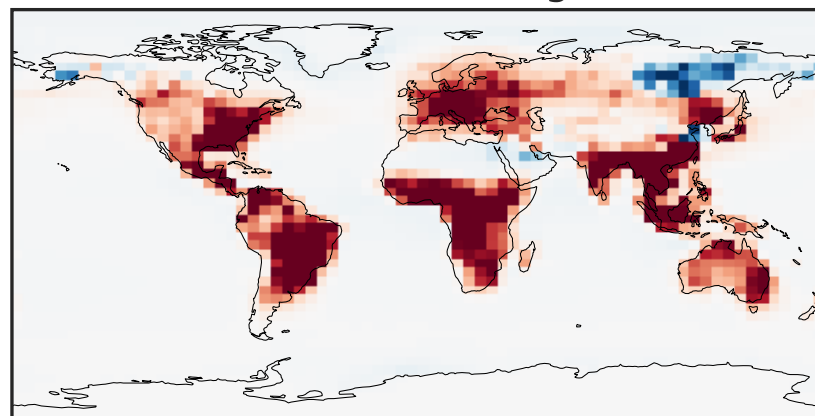
0.00 2.67 5.35 8.02 10.70
ppb

Difference
Dev - Ref, Dynamic Range



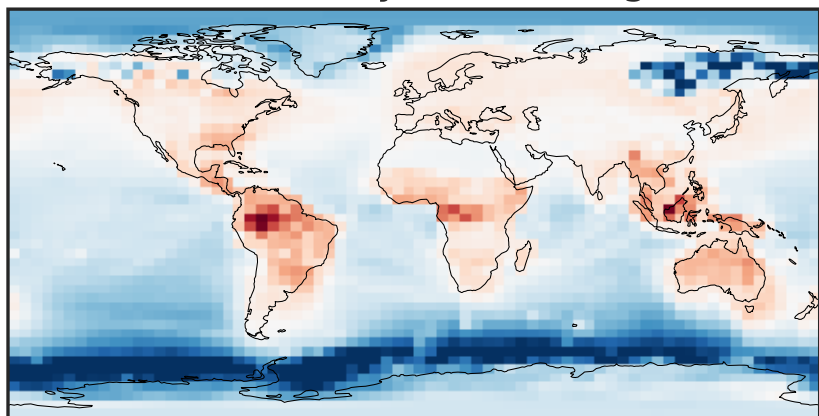
-0.1268 -0.0634 0.0000 0.0634 0.1268
ppb

Difference
Dev - Ref, Restricted Range [5%,95%]



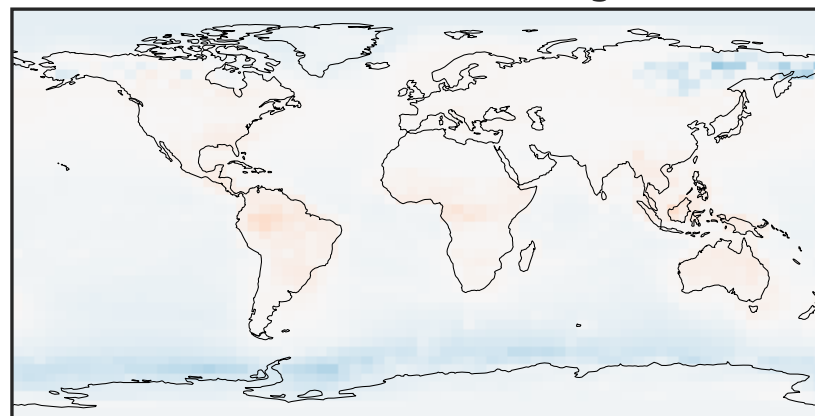
-0.01 0.00 0.01
ppb

Ratio
Dev/Ref, Dynamic Range



0.8853 0.9426 1.0000 1.0648 1.1296
unitless

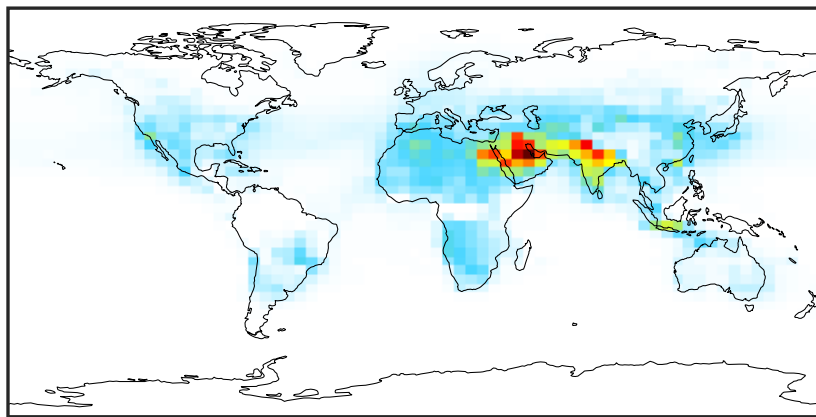
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

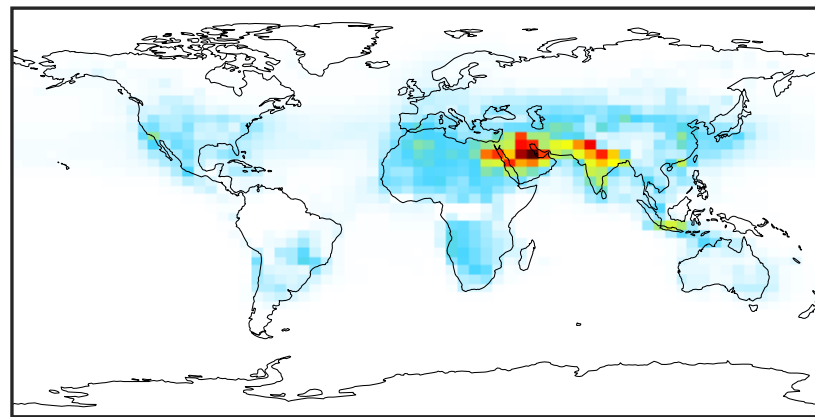
SpeciesConcVW_NO3 (AnnualMean)

14.2.0-rc.2 (Ref)
4.0x5.0



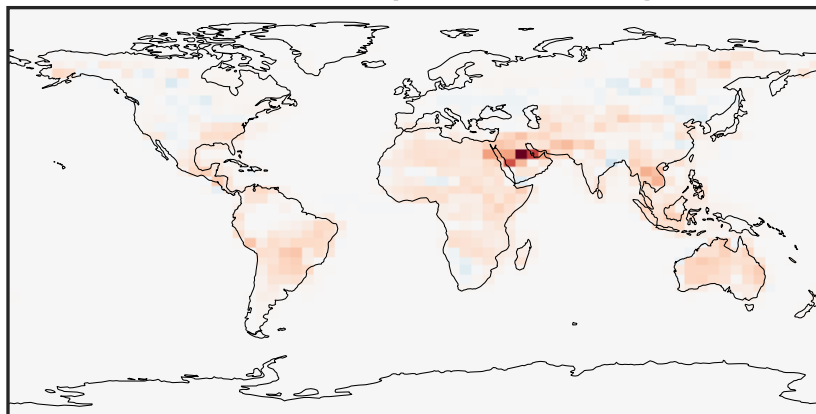
0.015 0.030 0.045
ppb

14.3.0-rc.0 (Dev)
4.0x5.0



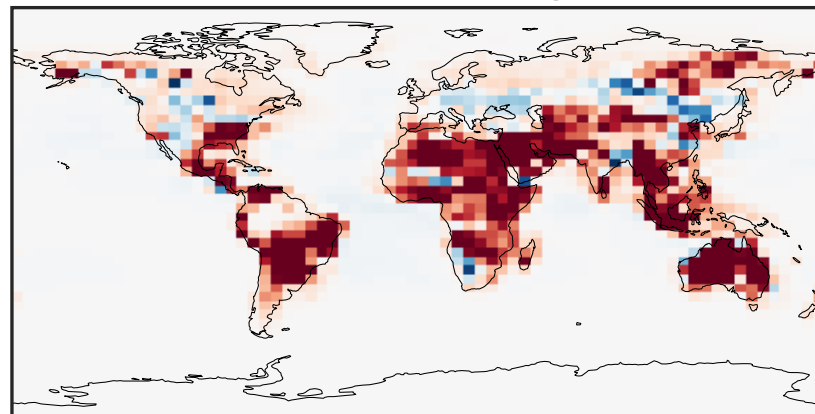
0.015 0.030 0.045
ppb

Difference
Dev - Ref, Dynamic Range



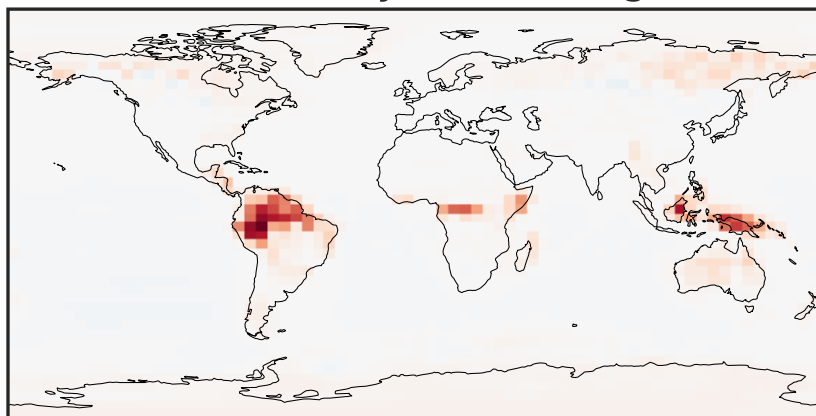
-0.0008 0.0000 0.0008
ppb

Difference
Dev - Ref, Restricted Range [5%,95%]



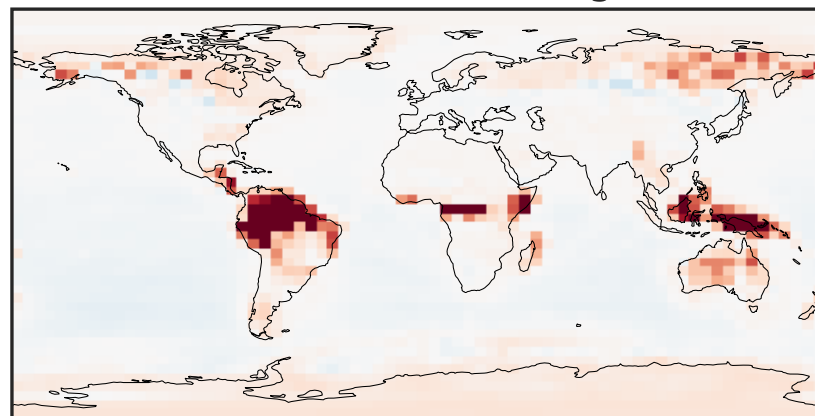
-0.0001 0.0000 0.0001
ppb

Ratio
Dev/Ref, Dynamic Range



0.116 0.558 1.000 4.799 8.597
unitless

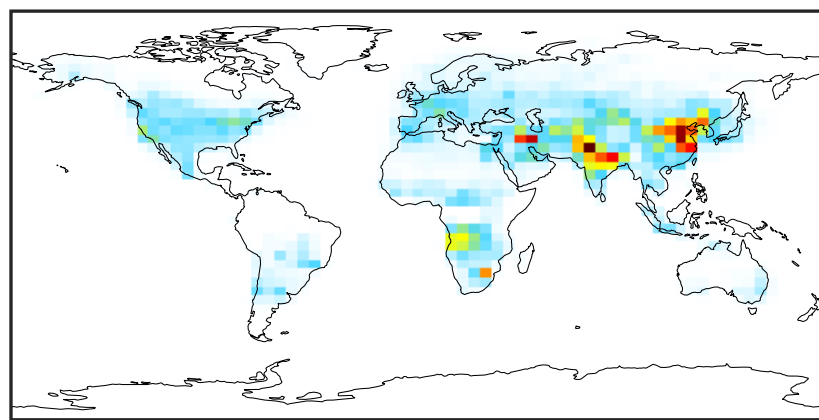
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

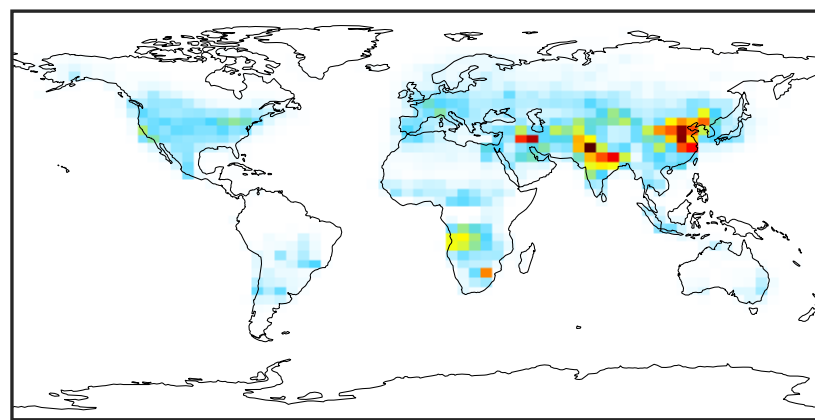
SpeciesConcVV_N2O5 (AnnualMean)

14.2.0-rc.2 (Ref)
4.0x5.0



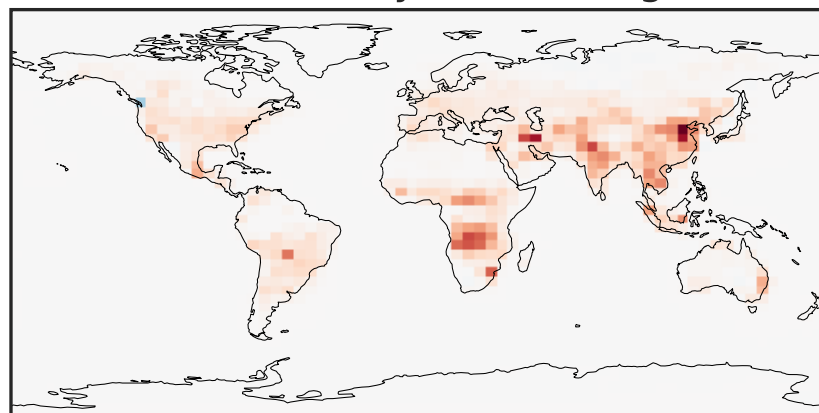
0.0000 0.0511 0.1022 0.1533 0.2044
ppb

14.3.0-rc.0 (Dev)
4.0x5.0



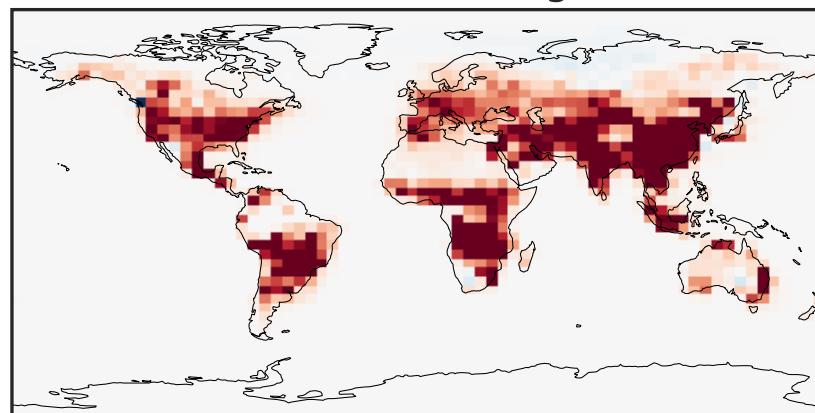
0.0000 0.0511 0.1022 0.1533 0.2044
ppb

Difference
Dev - Ref, Dynamic Range



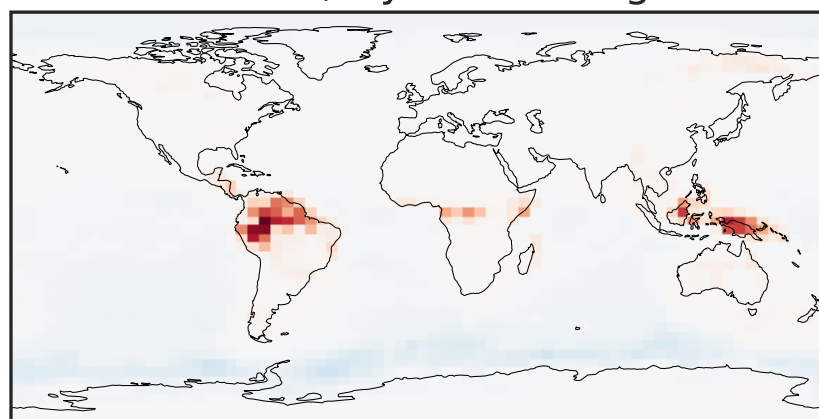
-0.002 0.000 0.002
ppb

Difference
Dev - Ref, Restricted Range [5%,95%]



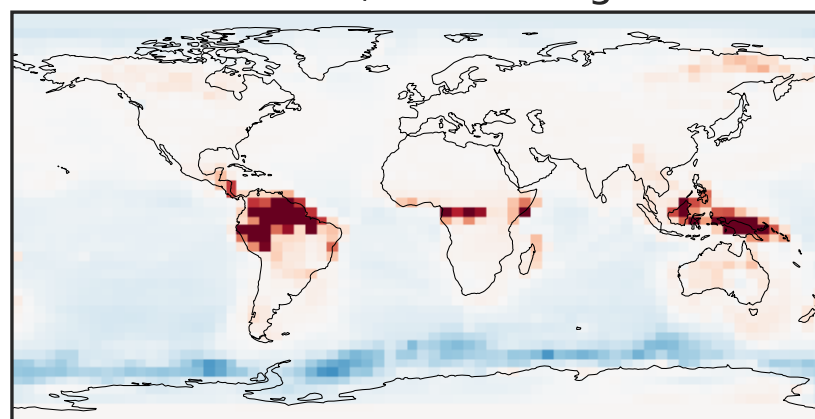
-0.0003 0.0000 0.0003
ppb

Ratio
Dev/Ref, Dynamic Range



0.114 0.557 1.000 4.868 8.736
unitless

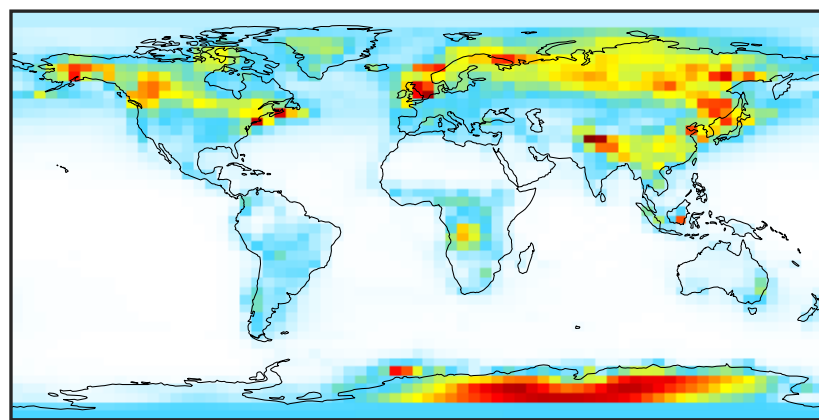
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

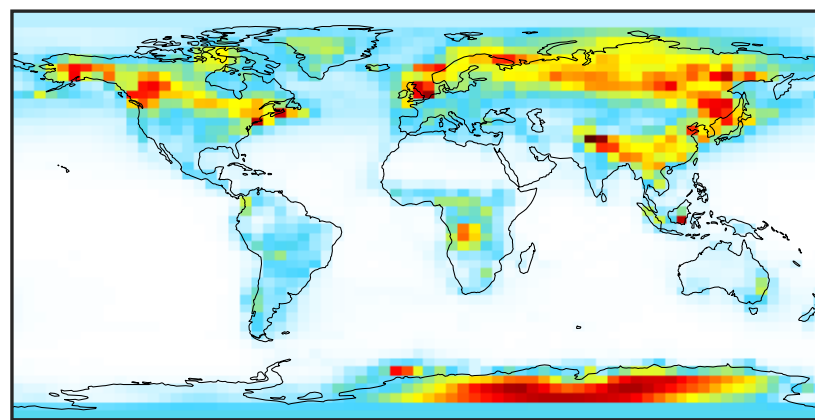
SpeciesConcVW_MPN (AnnualMean)

14.2.0-rc.2 (Ref)
4.0x5.0



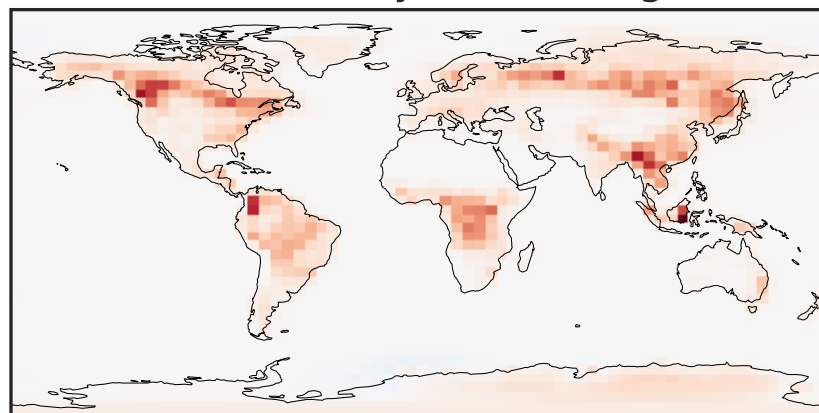
0.0004 0.0008 0.0012
ppb

14.3.0-rc.0 (Dev)
4.0x5.0



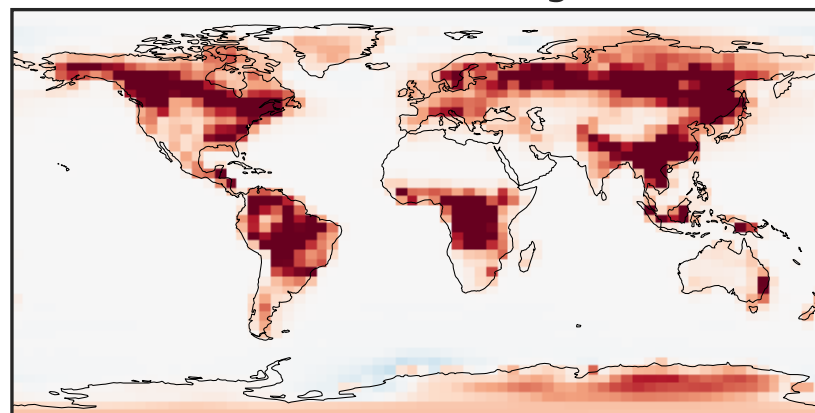
0.0004 0.0008 0.0012
ppb

Difference
Dev - Ref, Dynamic Range



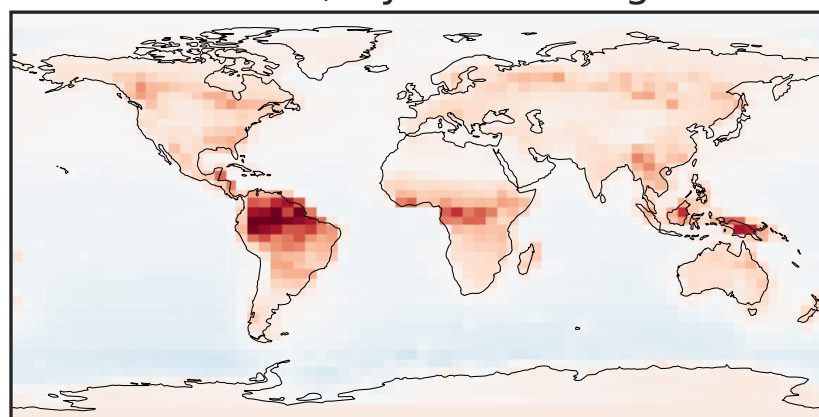
-0.00015 0.00000 0.00015
ppb

Difference
Dev - Ref, Restricted Range [5%,95%]



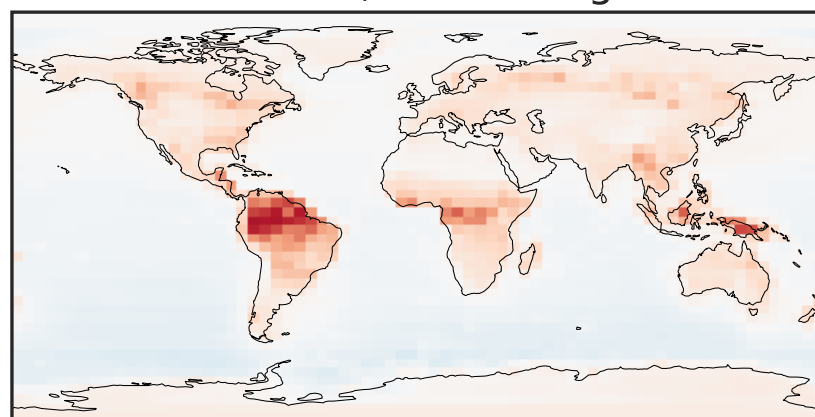
-4 0 4
ppb $1e-5$

Ratio
Dev/Ref, Dynamic Range



0.568 0.784 1.000 1.380 1.761
unitless

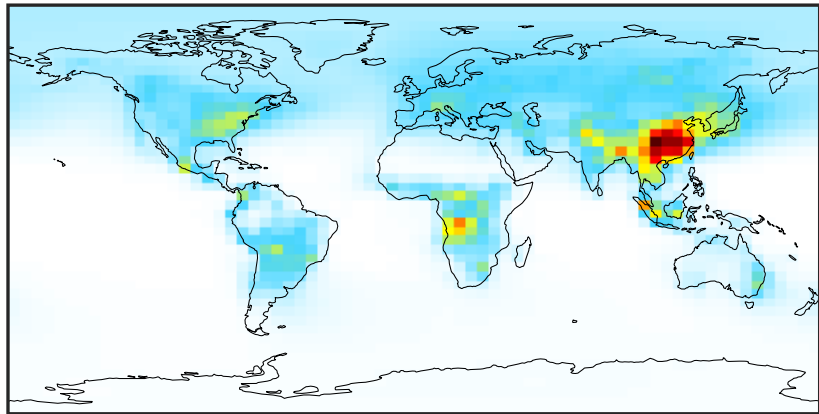
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

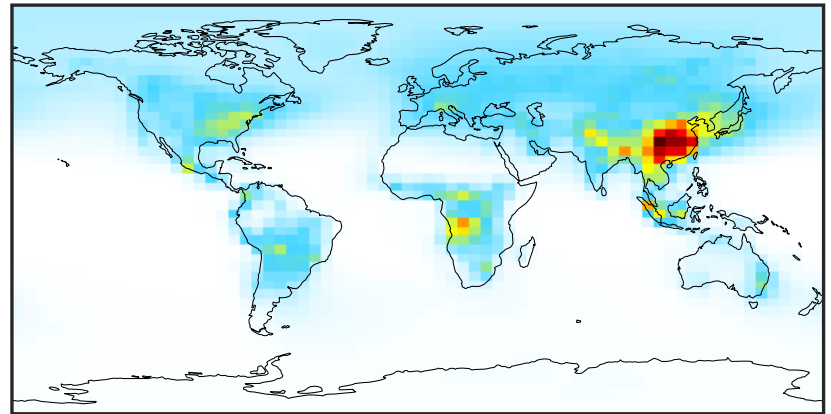
SpeciesConcVV_PAN (AnnualMean)

14.2.0-rc.2 (Ref)
4.0x5.0



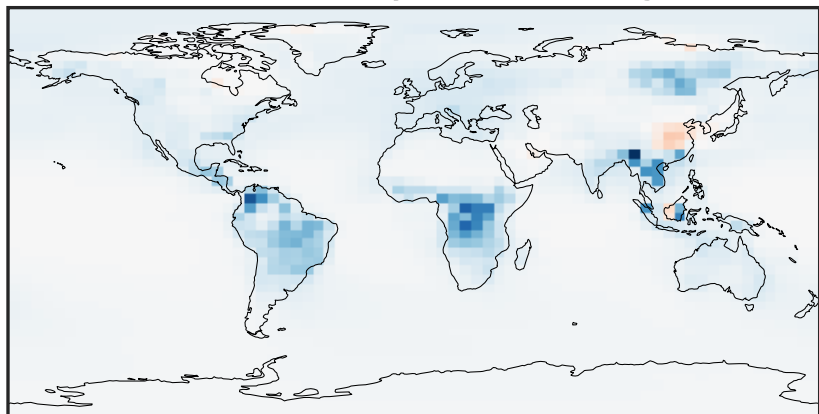
0.0003 0.2459 0.4915 0.7370 0.9826
ppb

14.3.0-rc.0 (Dev)
4.0x5.0



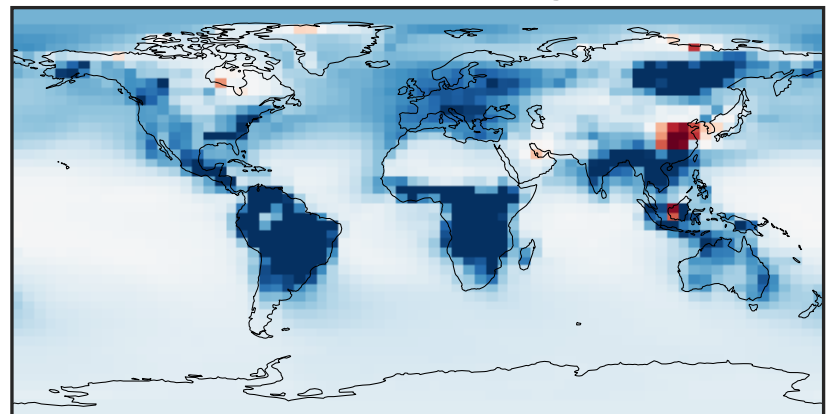
0.0003 0.2459 0.4915 0.7370 0.9826
ppb

Difference
Dev - Ref, Dynamic Range



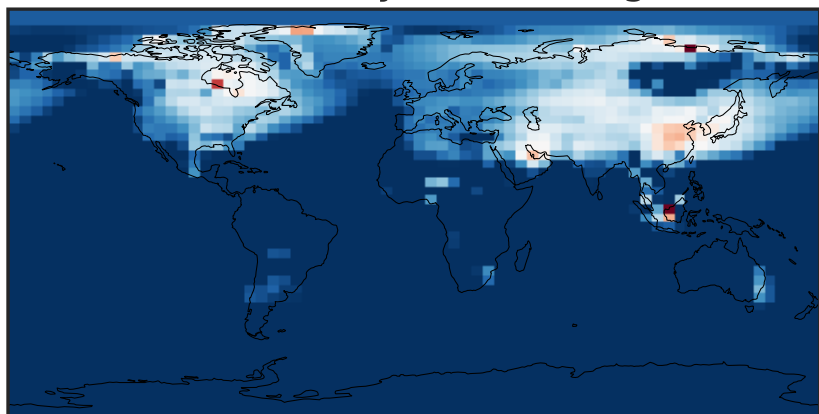
-0.015 0.000 0.015
ppb

Difference
Dev - Ref, Restricted Range [5%,95%]



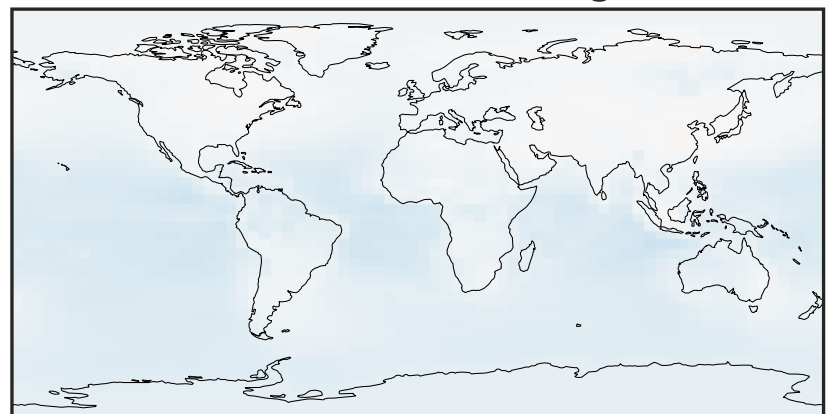
-0.003 0.000 0.003
ppb

Ratio
Dev/Ref, Dynamic Range



0.97311 0.98655 1.00000 1.01382 1.02763
unitless

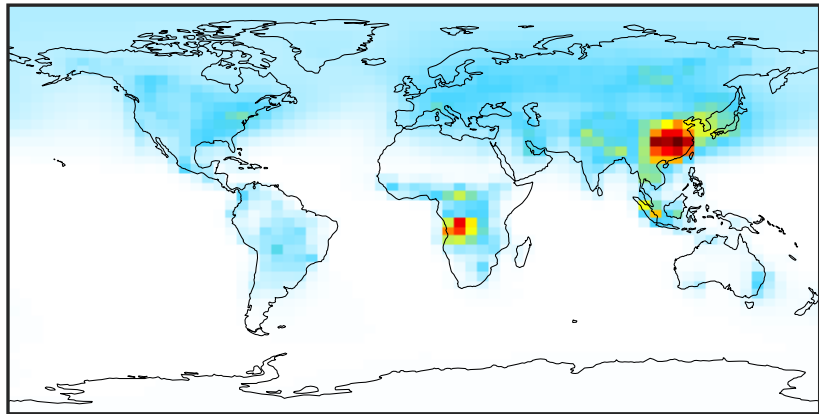
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

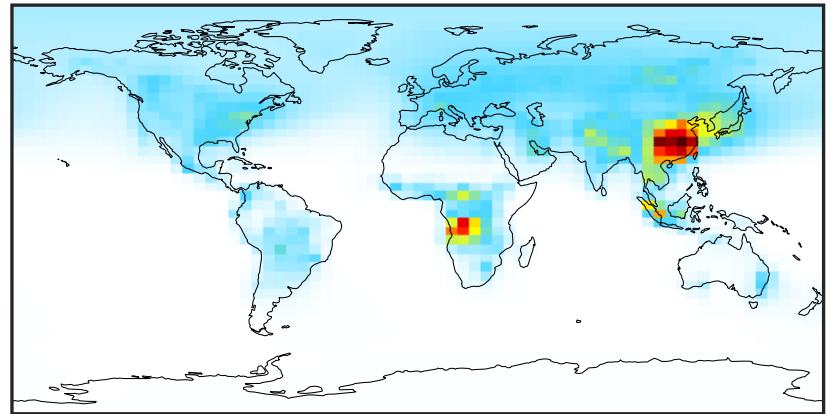
SpeciesConcVV_PPN (AnnualMean)

14.2.0-rc.2 (Ref)
4.0x5.0



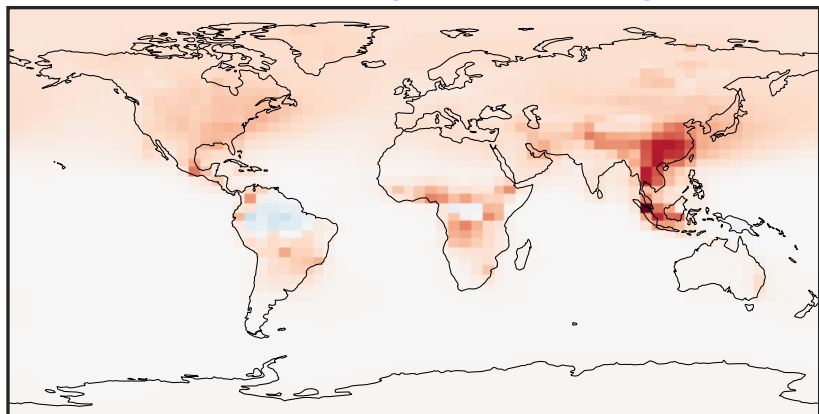
0.0000 0.0622 0.1245 0.1867 0.2489
ppb

14.3.0-rc.0 (Dev)
4.0x5.0



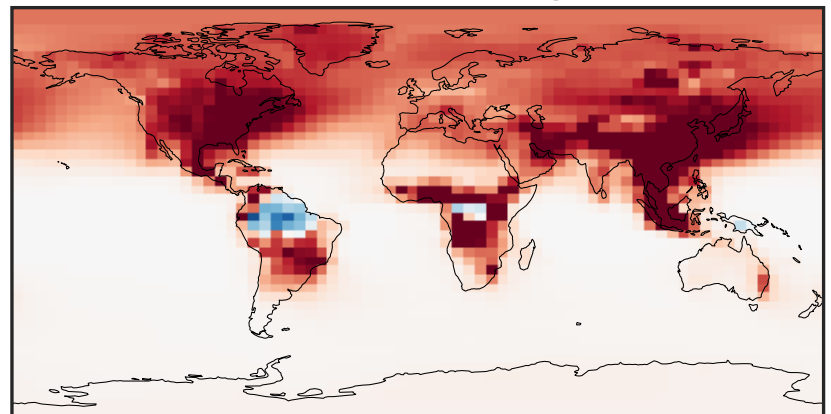
0.0000 0.0622 0.1245 0.1867 0.2489
ppb

Difference
Dev - Ref, Dynamic Range



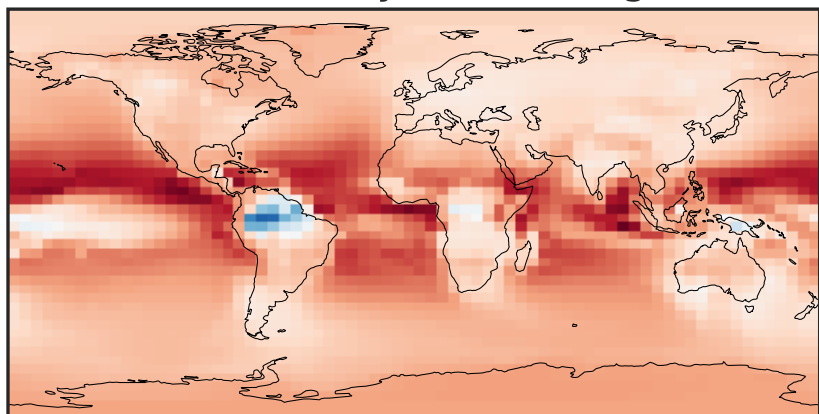
-0.005 0.000 0.005
ppb

Difference
Dev - Ref, Restricted Range [5%,95%]



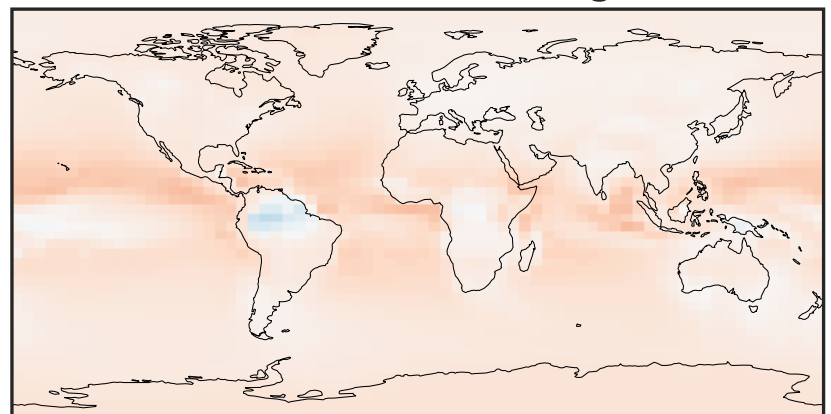
-0.0015 0.0000 0.0015
ppb

Ratio
Dev/Ref, Dynamic Range



0.8026 0.9013 1.0000 1.1230 1.2460
unitless

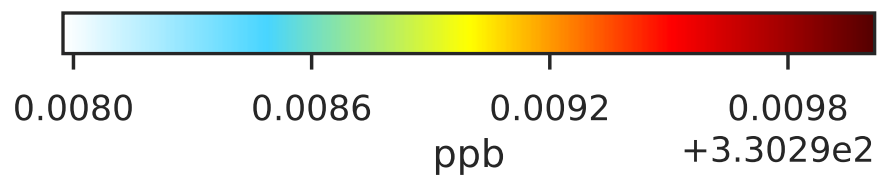
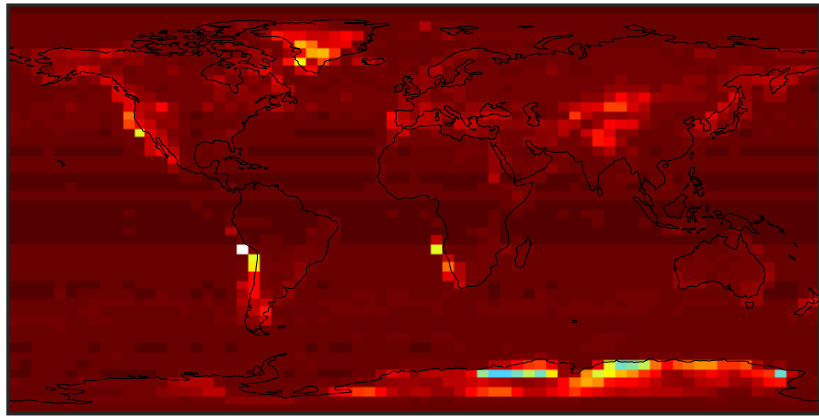
Ratio
Dev/Ref, Fixed Range



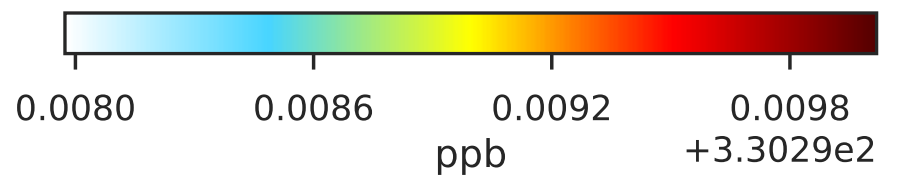
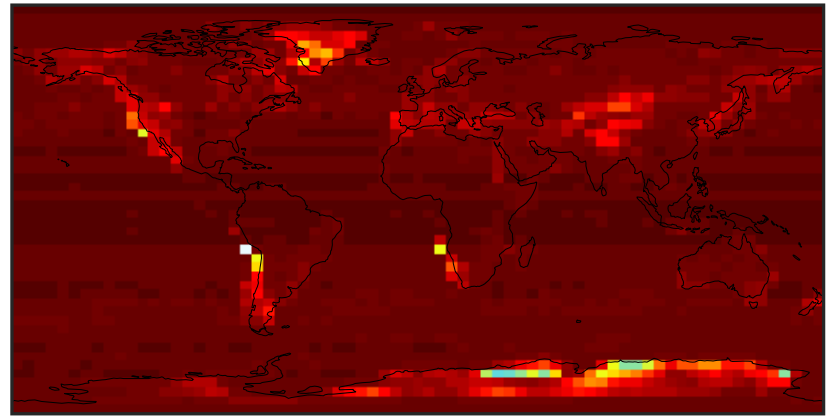
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVW_N2O (AnnualMean)

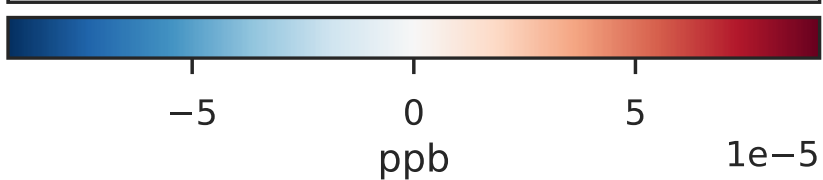
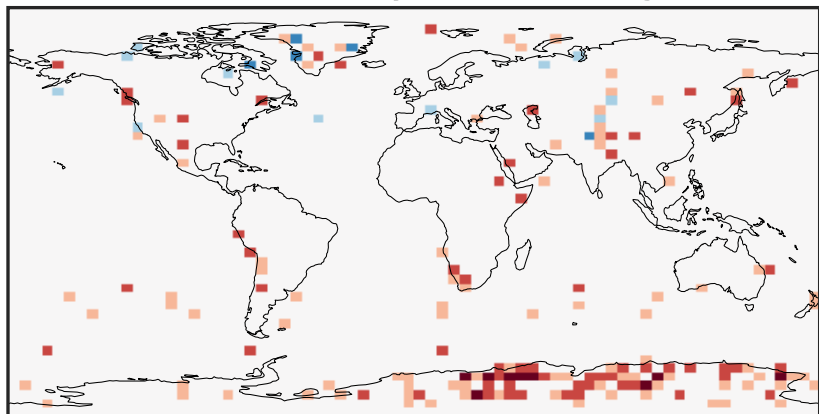
14.2.0-rc.2 (Ref)
4.0x5.0



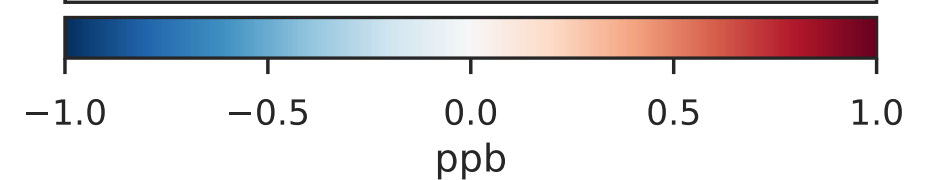
14.3.0-rc.0 (Dev)
4.0x5.0



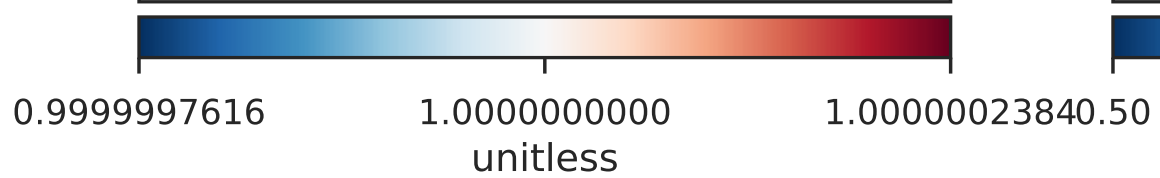
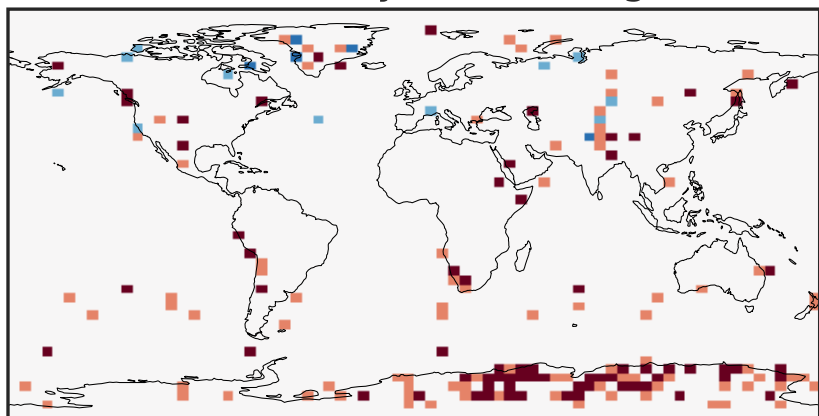
Difference
Dev - Ref, Dynamic Range



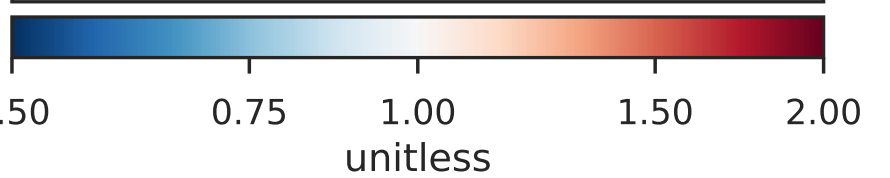
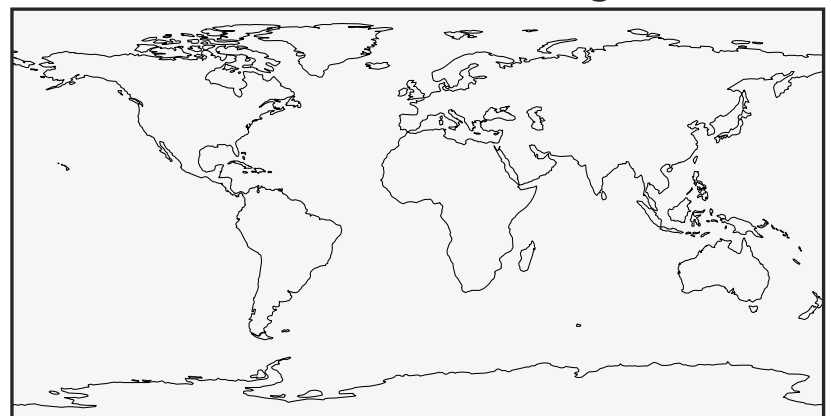
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

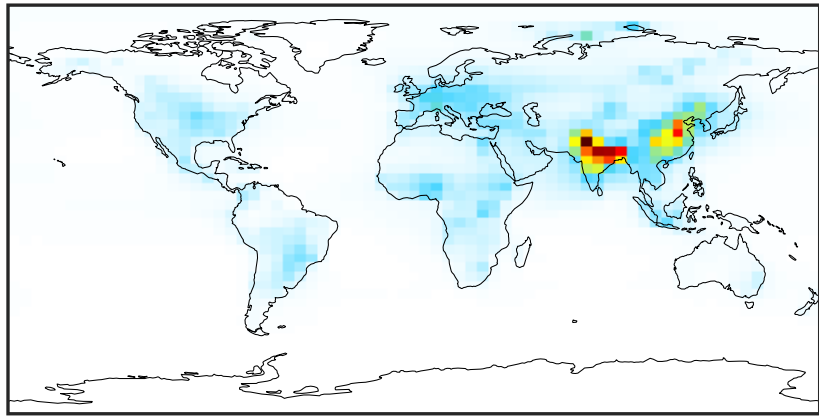


Ratio
Dev/Ref, Fixed Range



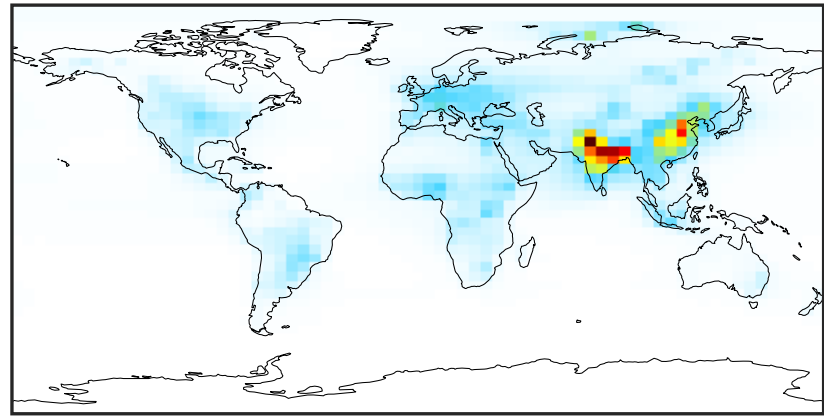
SpeciesConcVV_NHx (AnnualMean)

14.2.0-rc.2 (Ref)
4.0x5.0



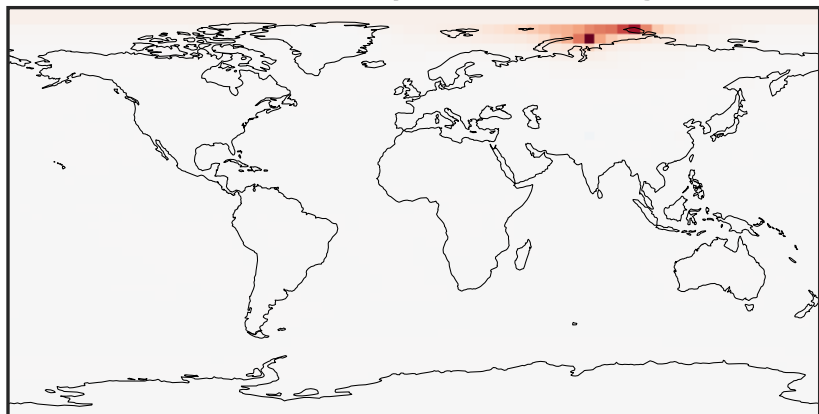
0.01 8.65 17.30 25.94 34.59
ppb

14.3.0-rc.0 (Dev)
4.0x5.0



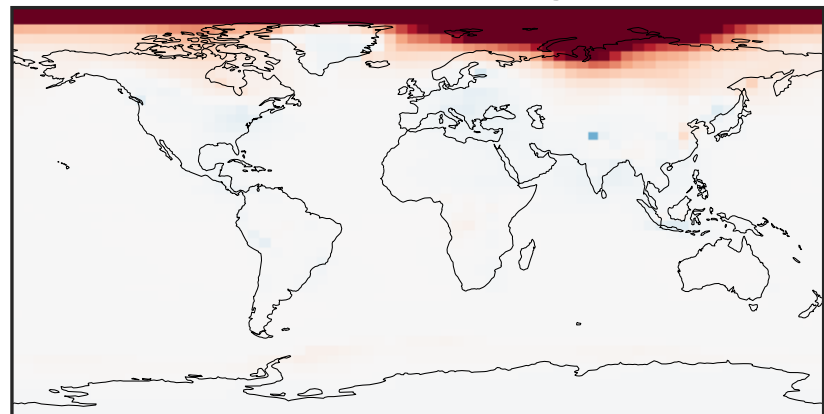
0.01 8.65 17.30 25.94 34.59
ppb

Difference
Dev - Ref, Dynamic Range



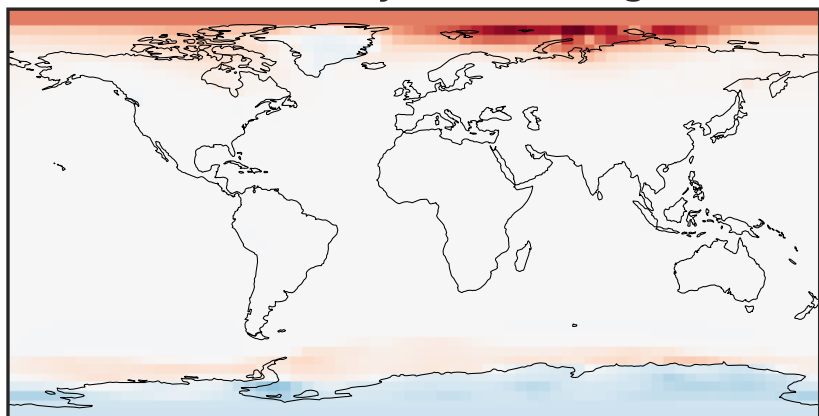
-2.185 -1.093 0.000 1.093 2.185
ppb

Difference
Dev - Ref, Restricted Range [5%,95%]



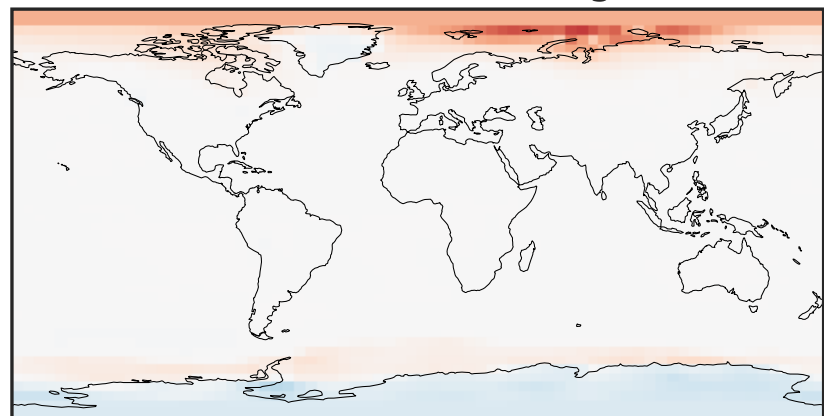
-0.1085 -0.0543 0.0000 0.0543 0.1085
ppb

Ratio
Dev/Ref, Dynamic Range



0.617 0.809 1.000 1.310 1.621
unitless

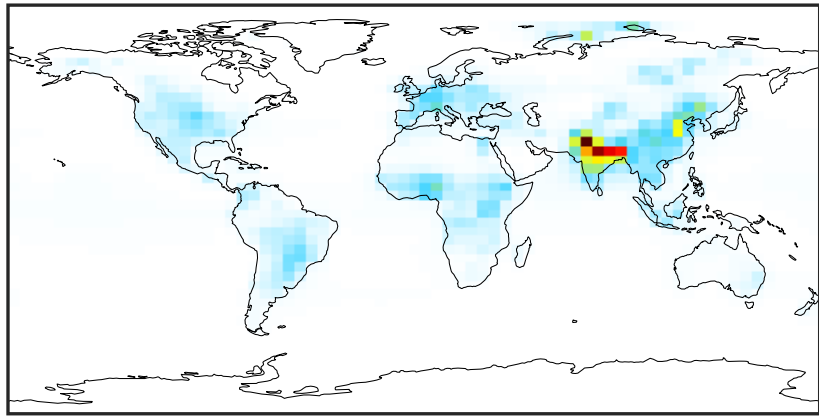
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

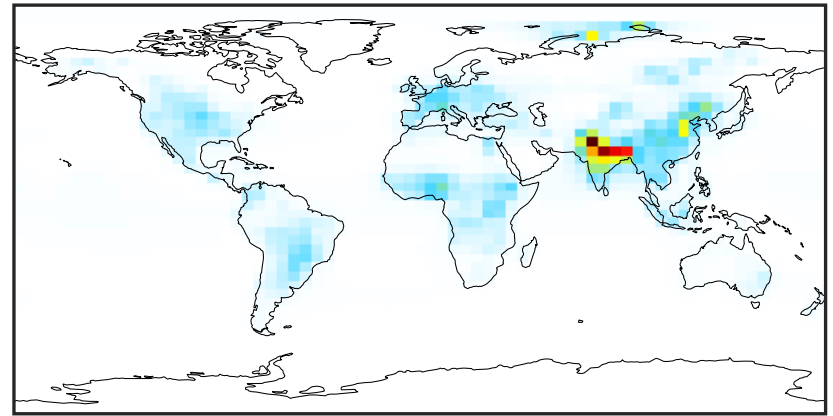
SpeciesConcVV_NH3 (AnnualMean)

14.2.0-rc.2 (Ref)
4.0x5.0



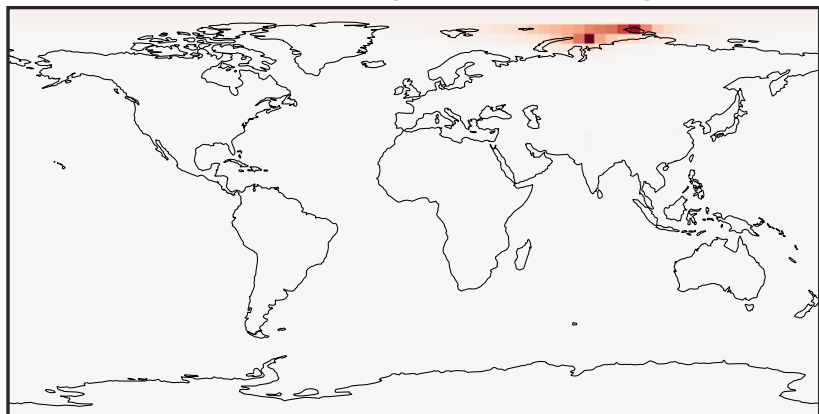
0.00 6.02 12.04 18.06 24.08
ppb

14.3.0-rc.0 (Dev)
4.0x5.0



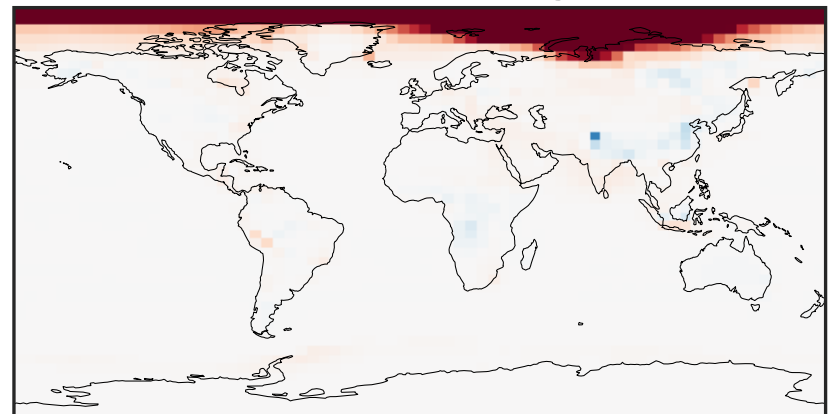
0.00 6.02 12.04 18.06 24.08
ppb

Difference
Dev - Ref, Dynamic Range



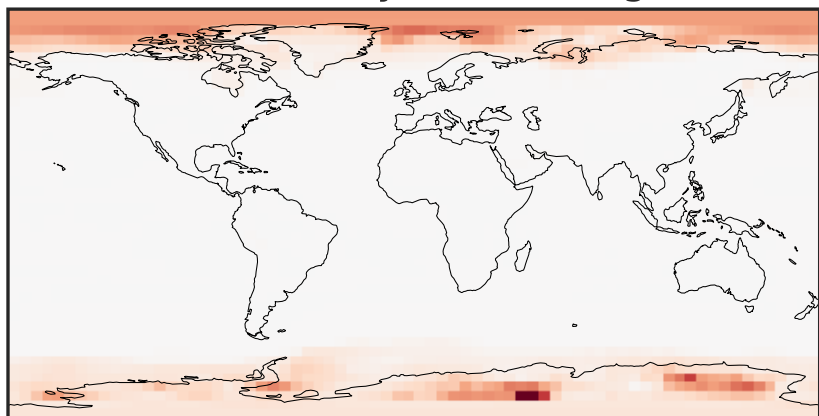
-2.177 -1.088 0.000 1.088 2.177
ppb

Difference
Dev - Ref, Restricted Range [5%,95%]



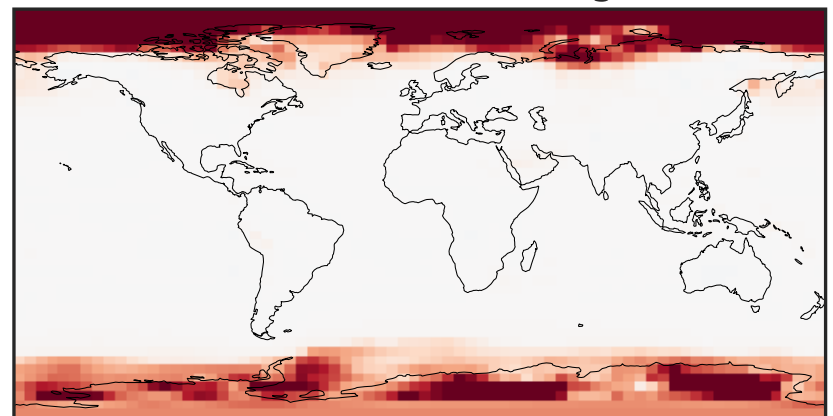
-0.0850 -0.0425 0.0000 0.0425 0.0850
ppb

Ratio
Dev/Ref, Dynamic Range



1e-01 1 10
unitless

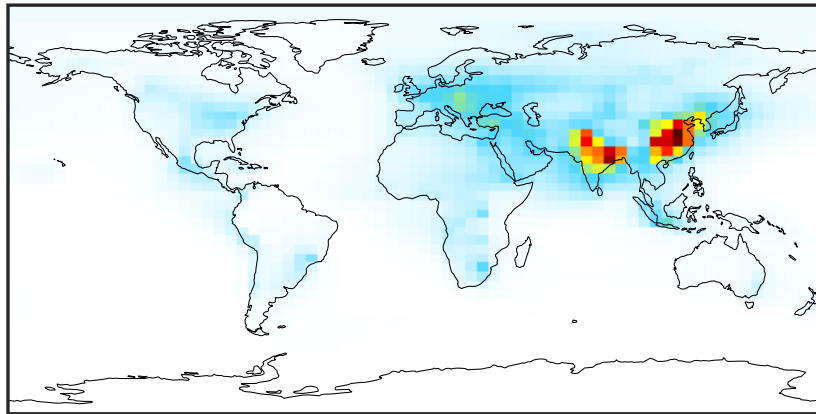
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

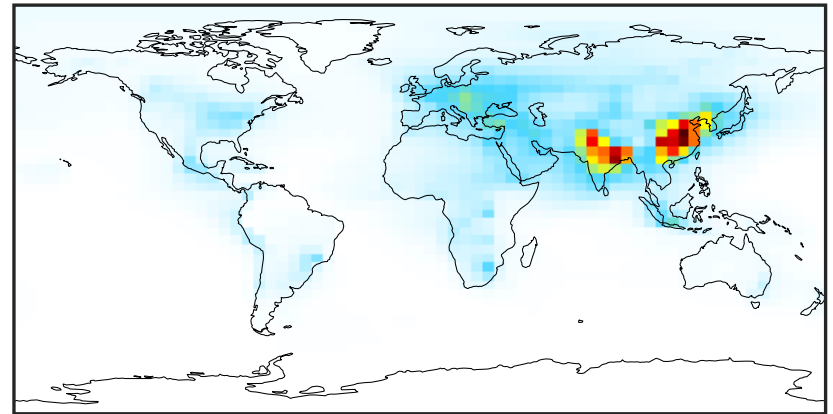
SpeciesConcVV_NH4 (AnnualMean)

14.2.0-rc.2 (Ref)
4.0x5.0



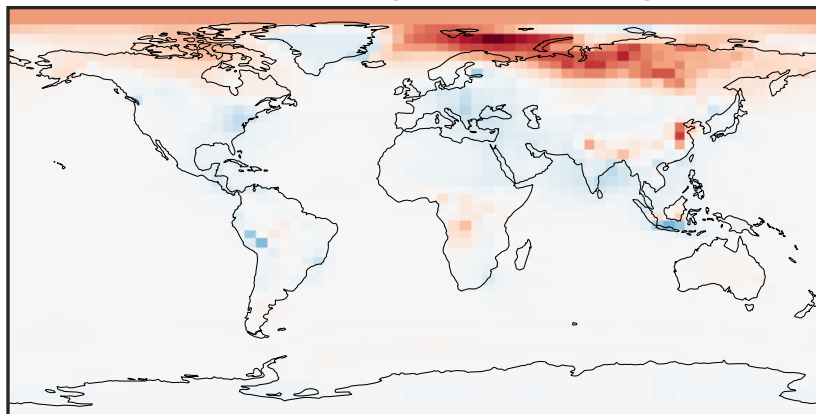
0.01 3.46 6.91 10.36 13.82
ppb

14.3.0-rc.0 (Dev)
4.0x5.0



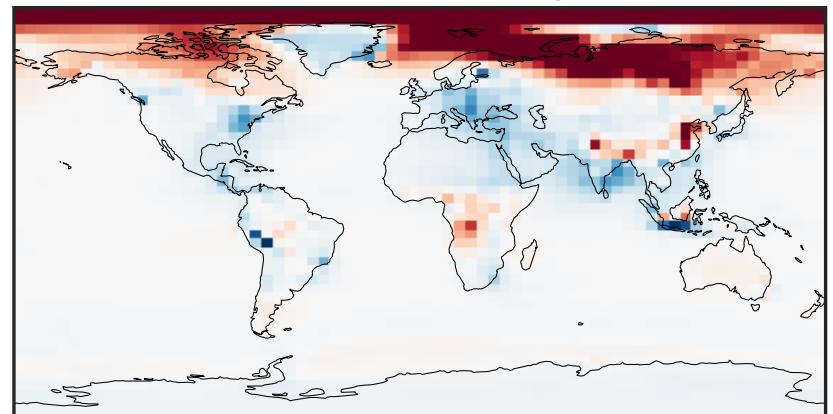
0.01 3.46 6.91 10.36 13.82
ppb

Difference
Dev - Ref, Dynamic Range



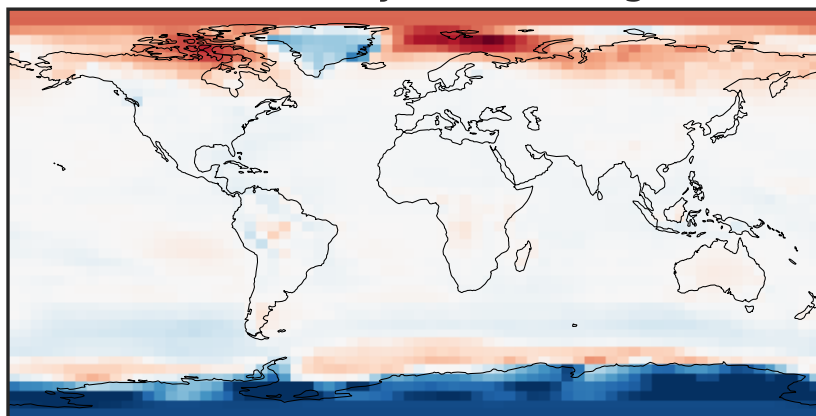
-0.0552 -0.0276 0.0000 0.0276 0.0552
ppb

Difference
Dev - Ref, Restricted Range [5%,95%]



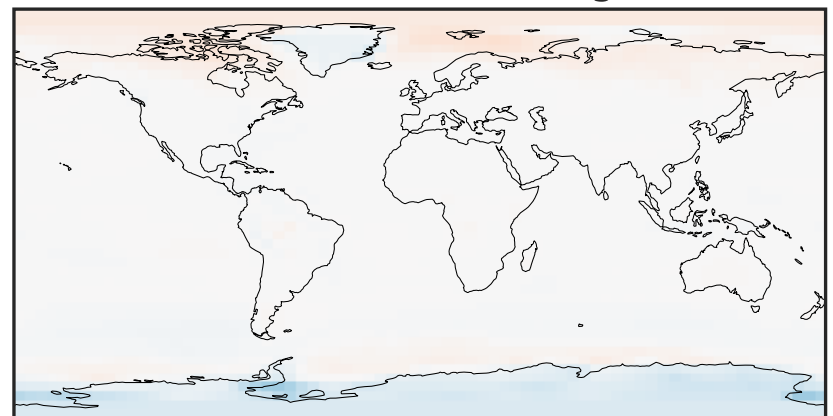
-0.015 0.000 0.015
ppb

Ratio
Dev/Ref, Dynamic Range



0.8938 0.9469 1.0000 1.0594 1.1188
unitless

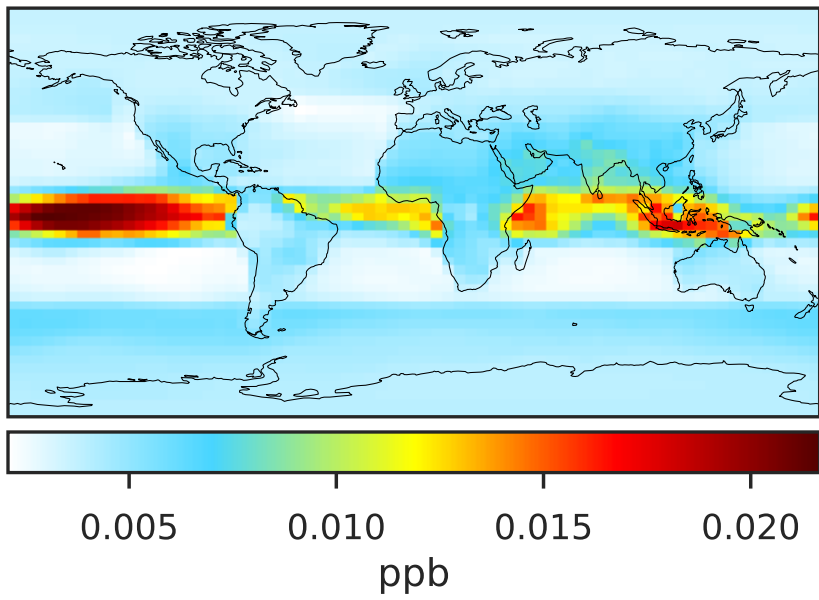
Ratio
Dev/Ref, Fixed Range



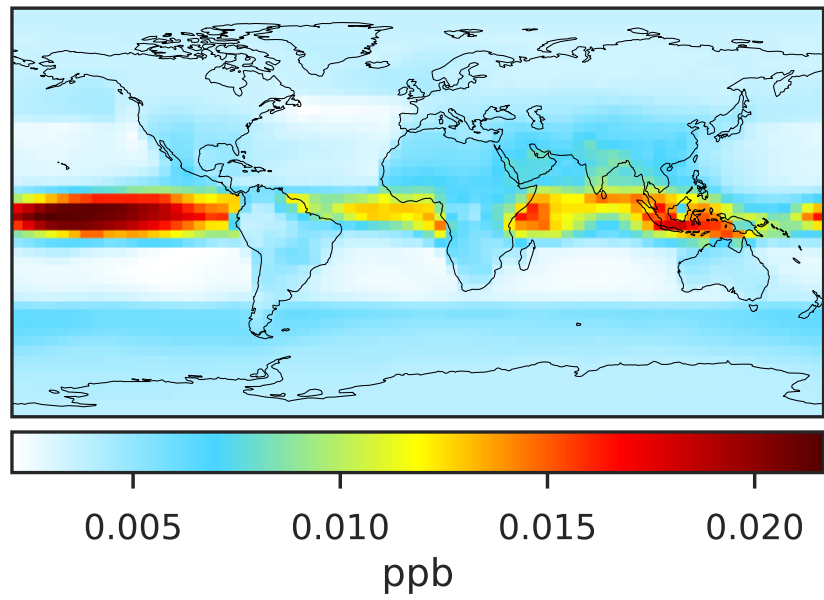
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_MENO3 (AnnualMean)

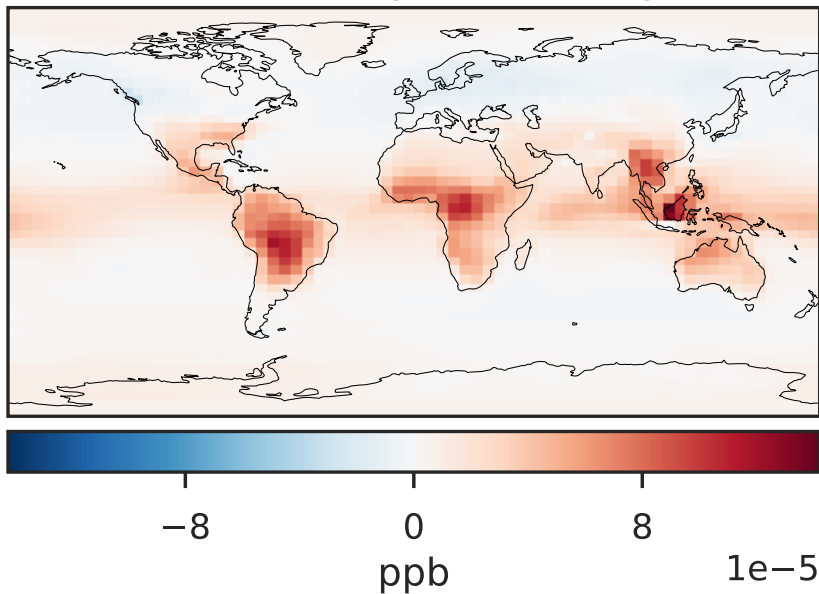
14.2.0-rc.2 (Ref)
4.0x5.0



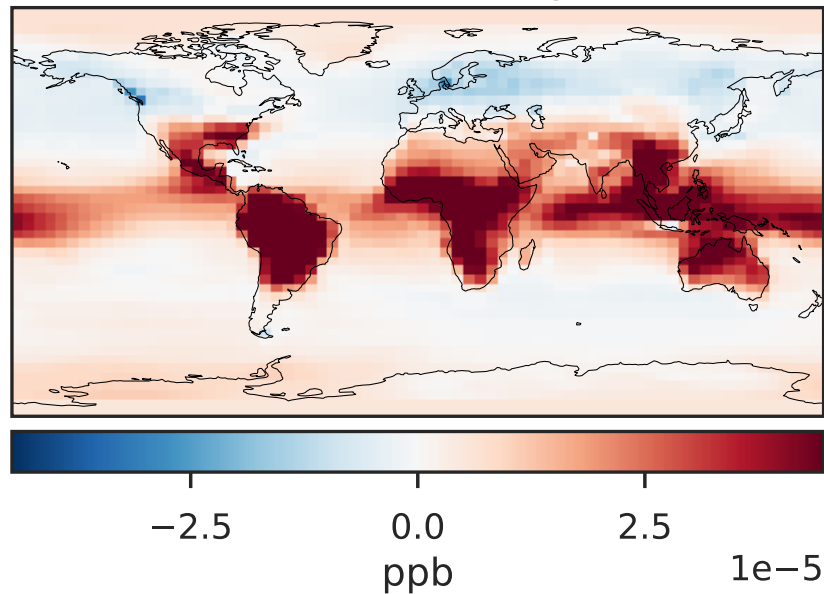
14.3.0-rc.0 (Dev)
4.0x5.0



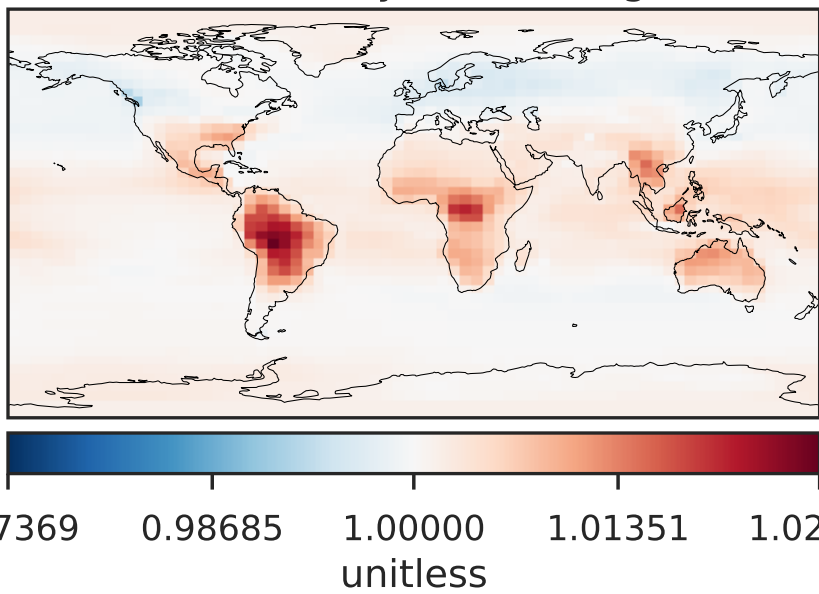
Difference
Dev - Ref, Dynamic Range



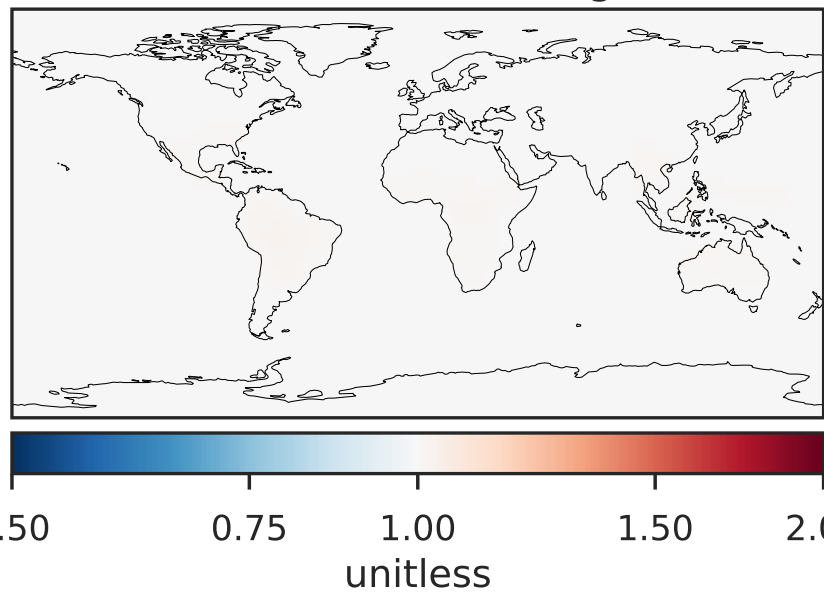
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

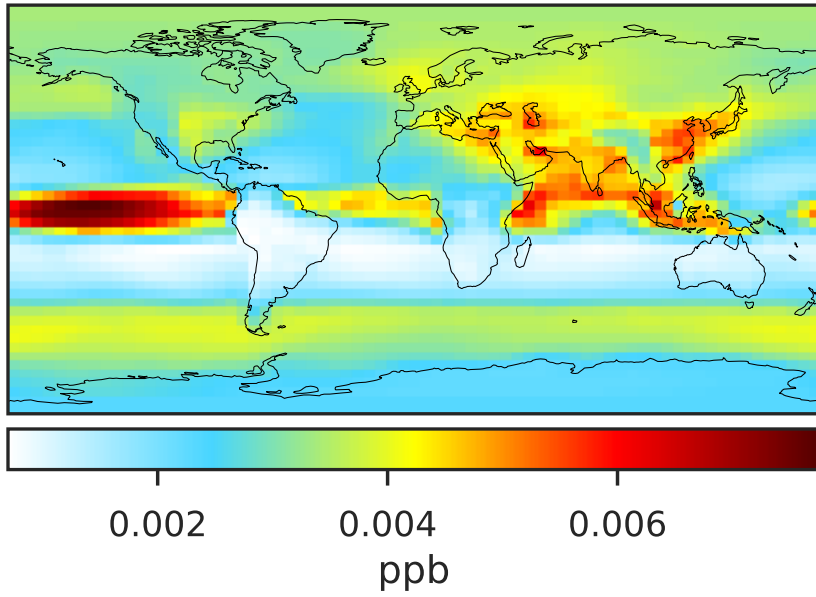


Ratio
Dev/Ref, Fixed Range

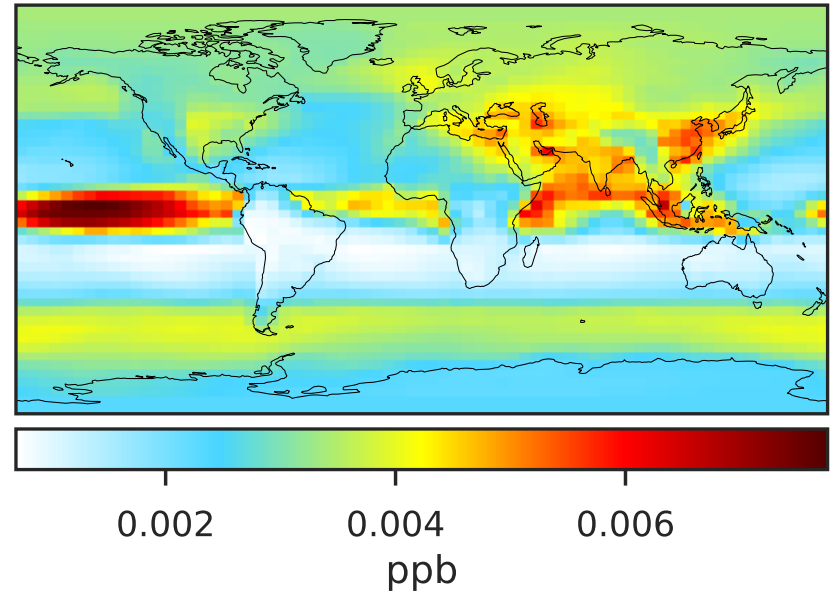


SpeciesConcVV_ETNO3 (AnnualMean)

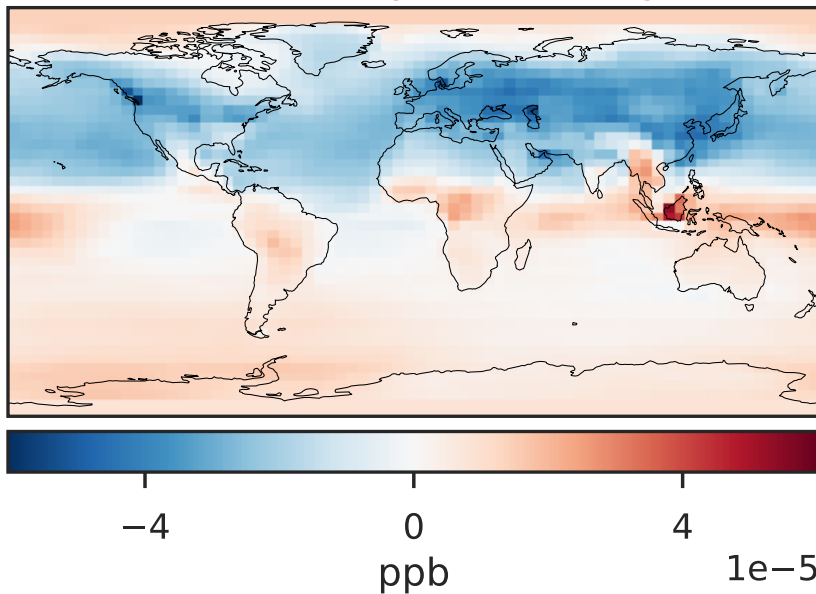
14.2.0-rc.2 (Ref)
4.0x5.0



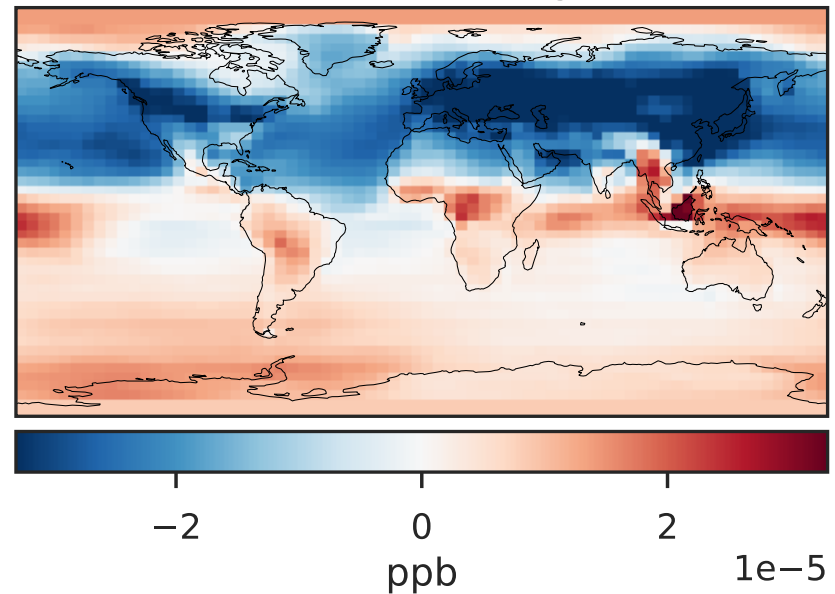
14.3.0-rc.0 (Dev)
4.0x5.0



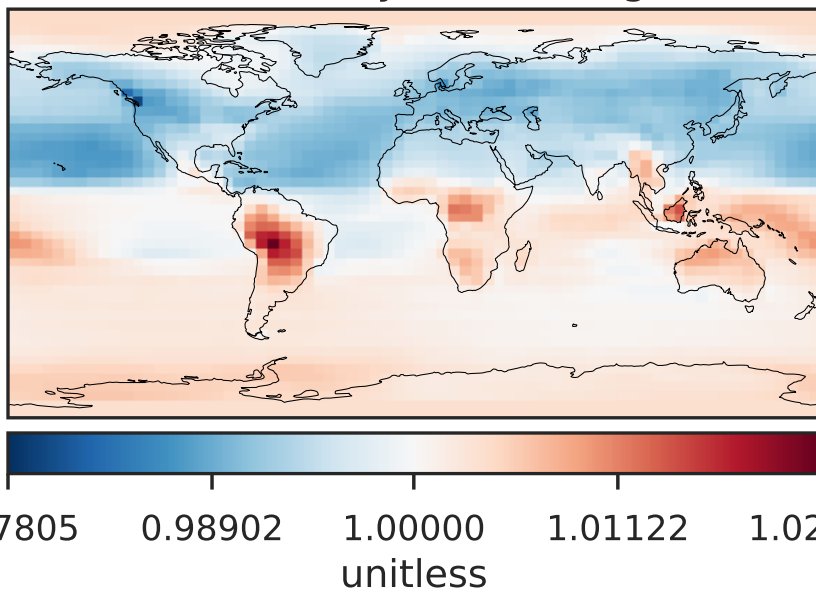
Difference
Dev - Ref, Dynamic Range



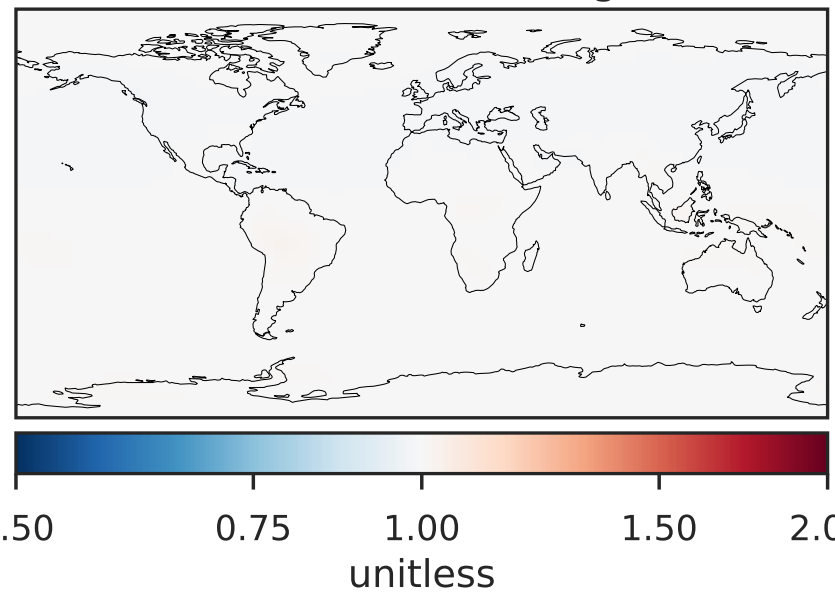
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

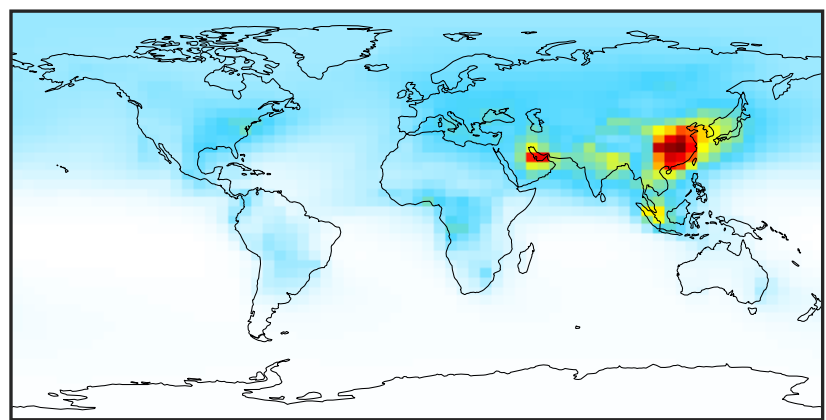


Ratio
Dev/Ref, Fixed Range



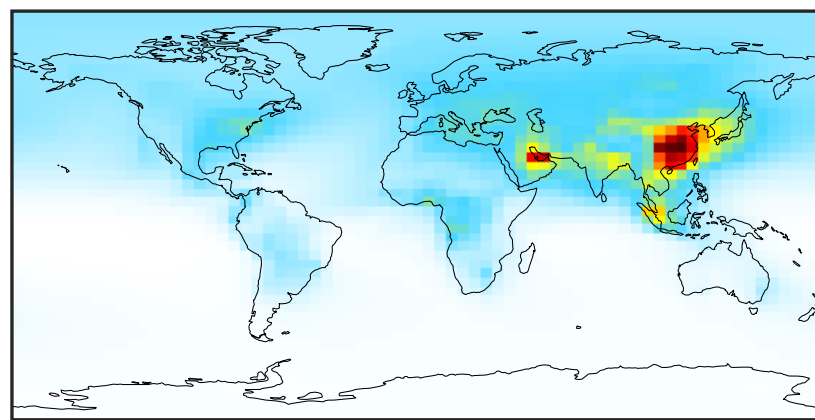
SpeciesConcVV_IPRNO3 (AnnualMean)

14.2.0-rc.2 (Ref)
4.0x5.0



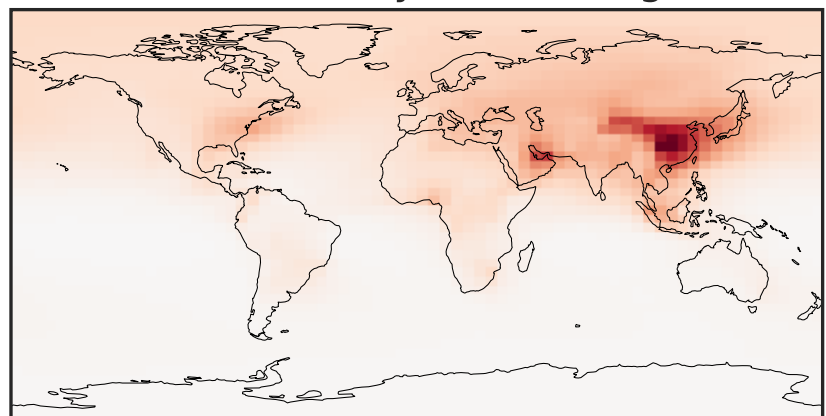
0.02 0.04 0.06
ppb

14.3.0-rc.0 (Dev)
4.0x5.0



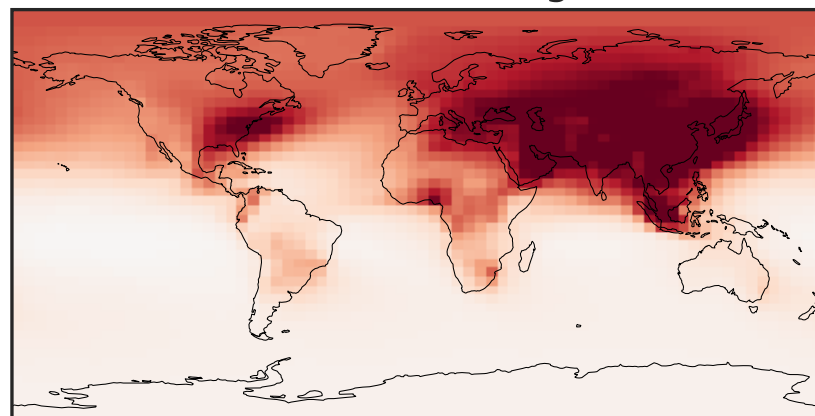
0.02 0.04 0.06
ppb

Difference
Dev - Ref, Dynamic Range



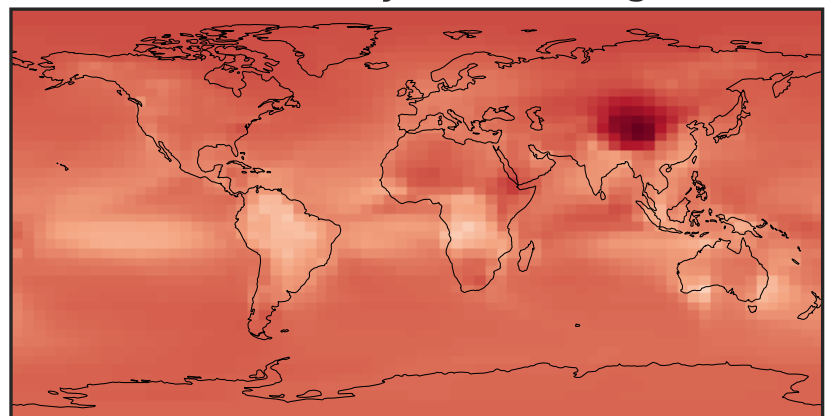
-0.0025 0.0000 0.0025
ppb

Difference
Dev - Ref, Restricted Range [5%,95%]



-0.0008 0.0000 0.0008
ppb

Ratio
Dev/Ref, Dynamic Range



0.8695 0.9348 1.0000 1.0750 1.1500
unitless

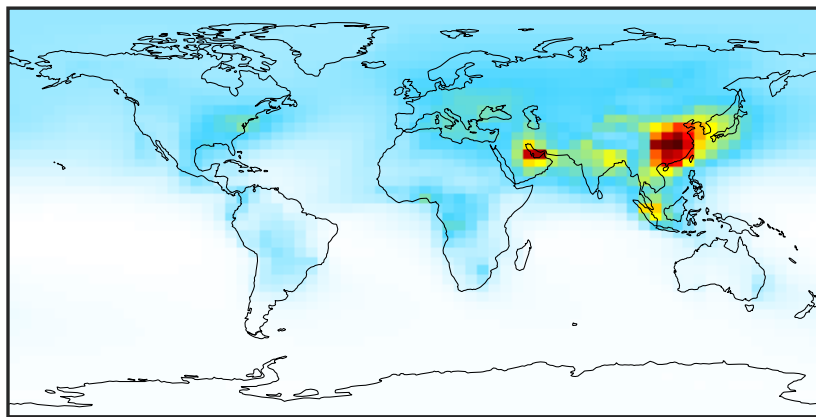
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

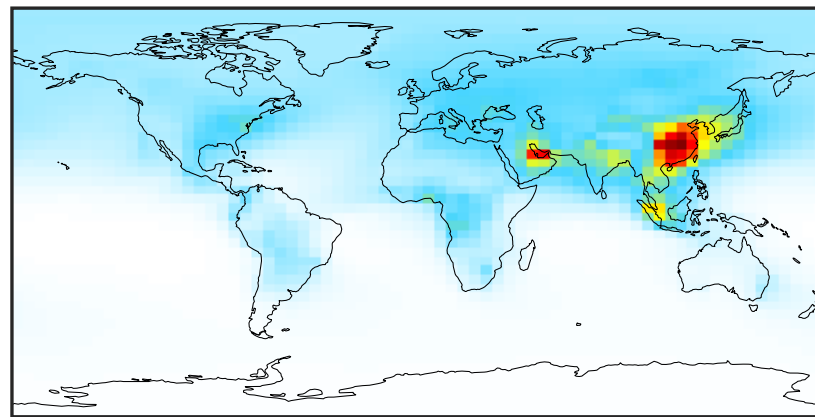
SpeciesConcVV_NPRNO3 (AnnualMean)

14.2.0-rc.2 (Ref)
4.0x5.0



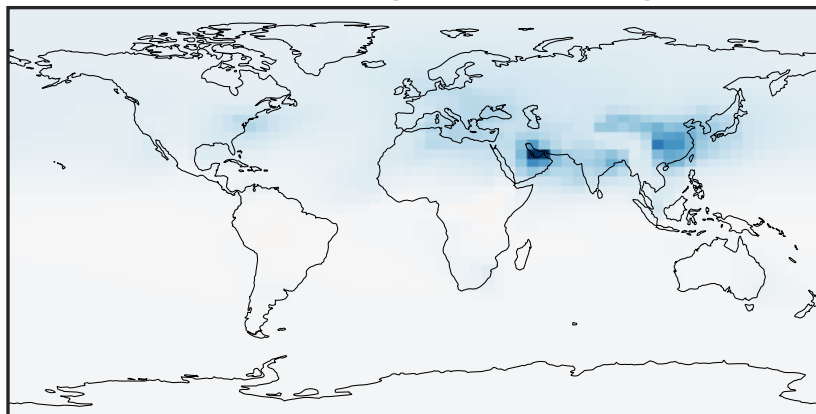
0.004 0.008 0.012
ppb

14.3.0-rc.0 (Dev)
4.0x5.0



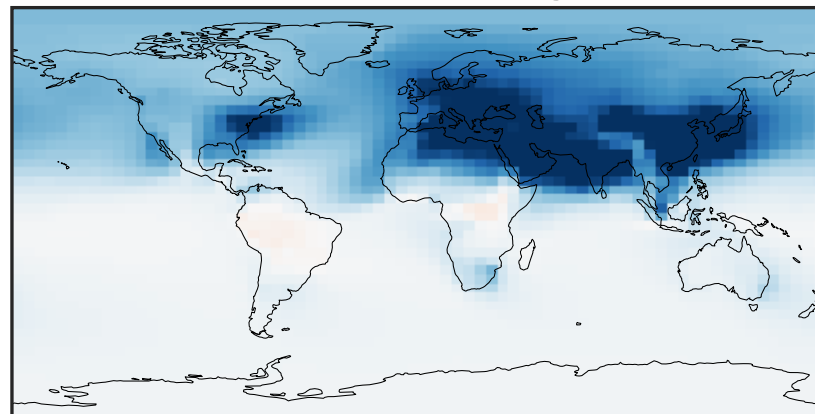
0.004 0.008 0.012
ppb

Difference
Dev - Ref, Dynamic Range



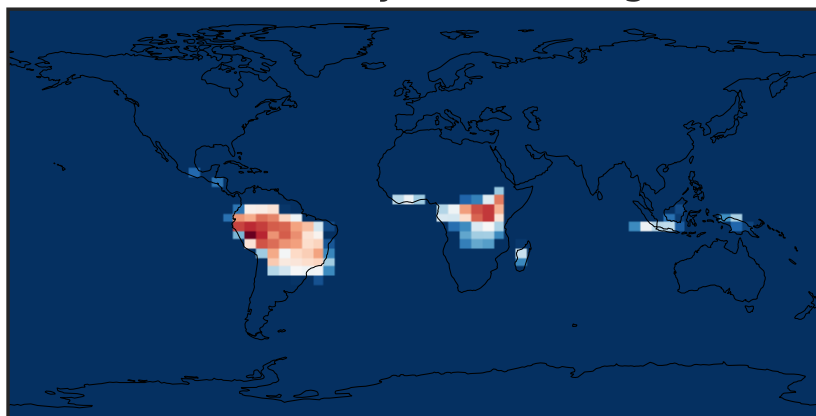
-0.001 0.000 0.001
ppb

Difference
Dev - Ref, Restricted Range [5%,95%]



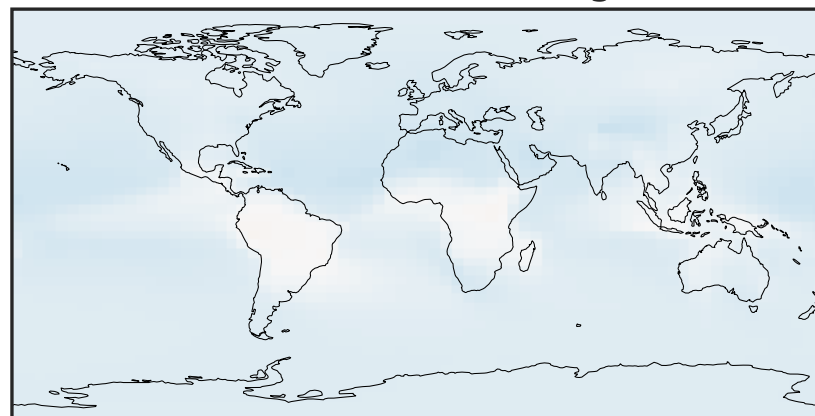
-0.00025 0.00000 0.00025
ppb

Ratio
Dev/Ref, Dynamic Range



0.98331 0.99165 1.00000 1.00849 1.01698
unitless

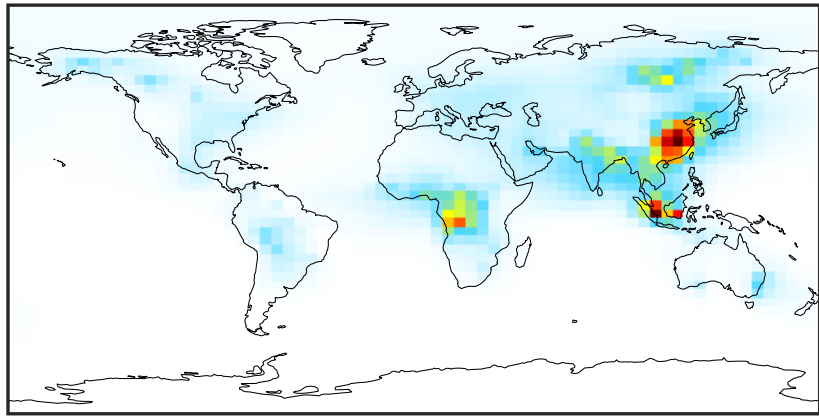
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

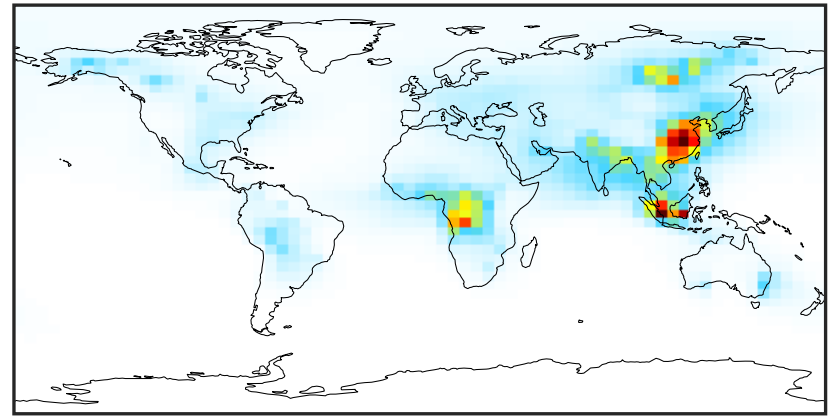
SpeciesConcVV_AONITA (AnnualMean)

14.2.0-rc.2 (Ref)
4.0x5.0



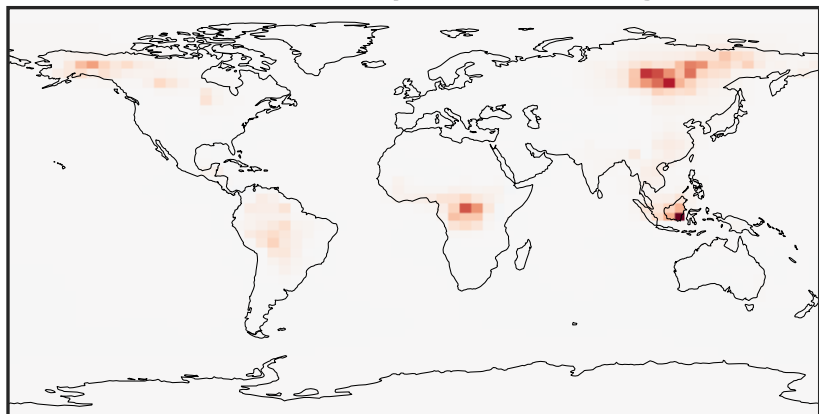
0.0000 0.0429 0.0858 0.1287 0.1715
ppb

14.3.0-rc.0 (Dev)
4.0x5.0



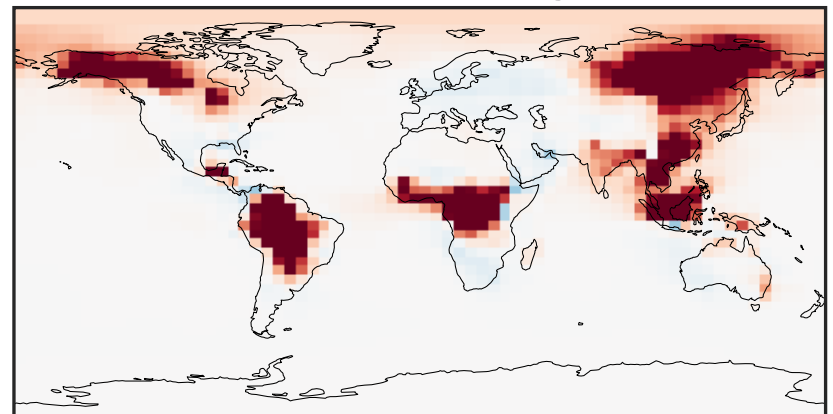
0.0000 0.0429 0.0858 0.1287 0.1715
ppb

Difference
Dev - Ref, Dynamic Range



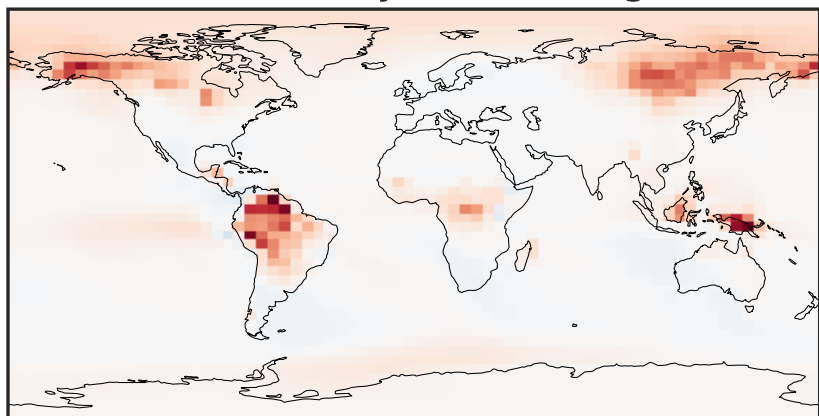
-0.015 0.000 0.015
ppb

Difference
Dev - Ref, Restricted Range [5%,95%]



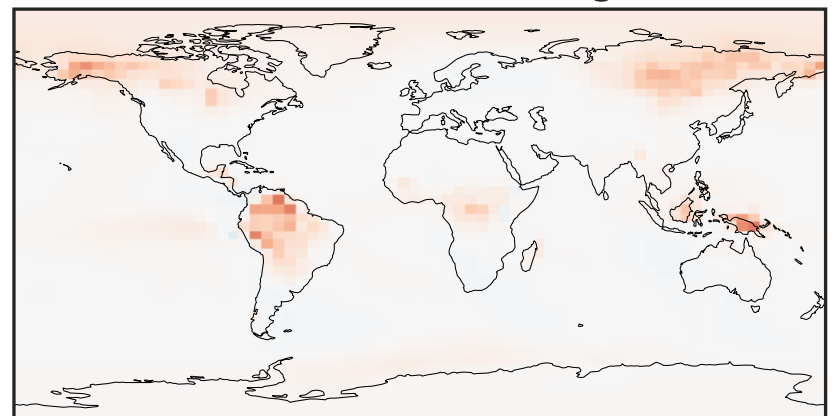
-0.0005 0.0000 0.0005
ppb

Ratio
Dev/Ref, Dynamic Range



0.6935 0.8467 1.0000 1.2210 1.4420
unitless

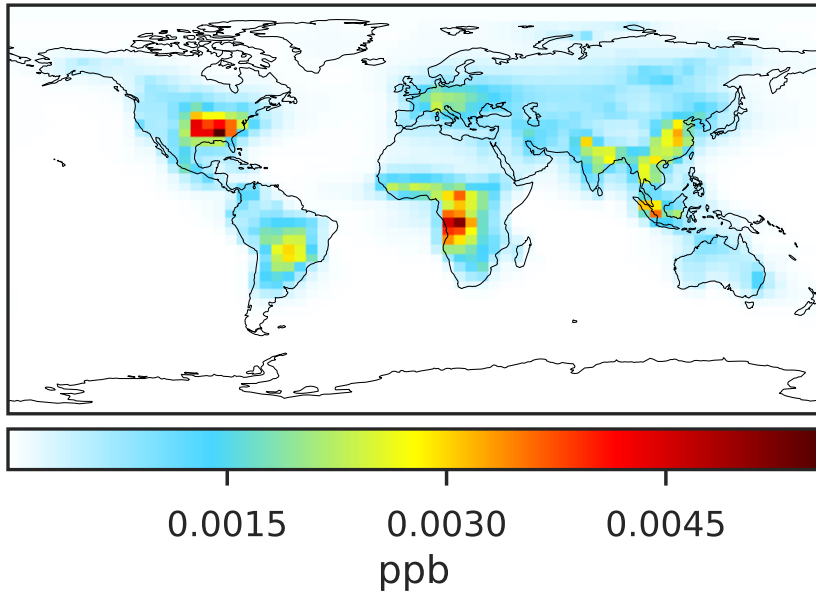
Ratio
Dev/Ref, Fixed Range



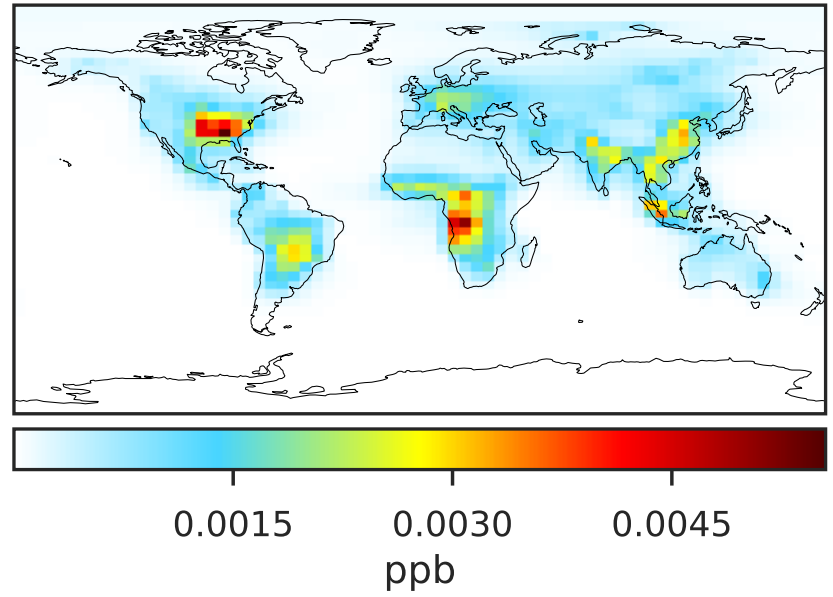
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_ETHN (AnnualMean)

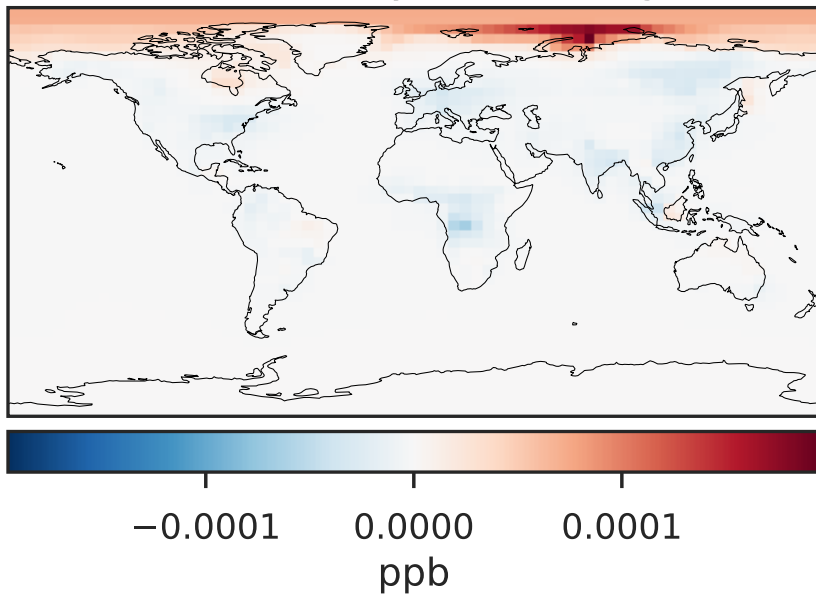
14.2.0-rc.2 (Ref)
4.0x5.0



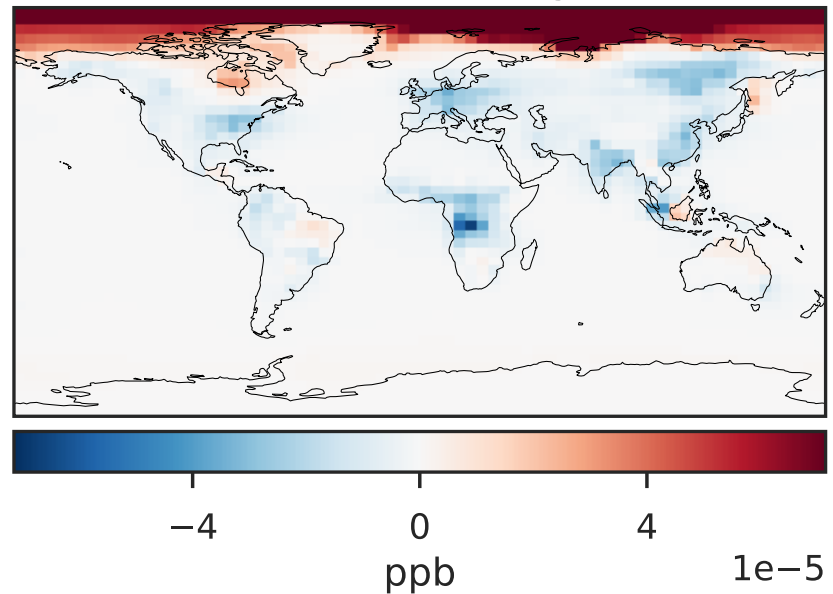
14.3.0-rc.0 (Dev)
4.0x5.0



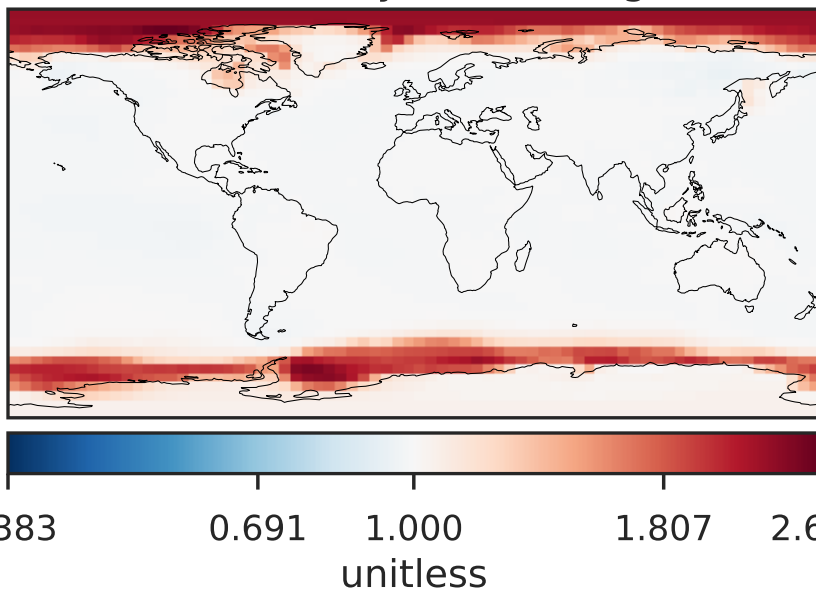
Difference
Dev - Ref, Dynamic Range



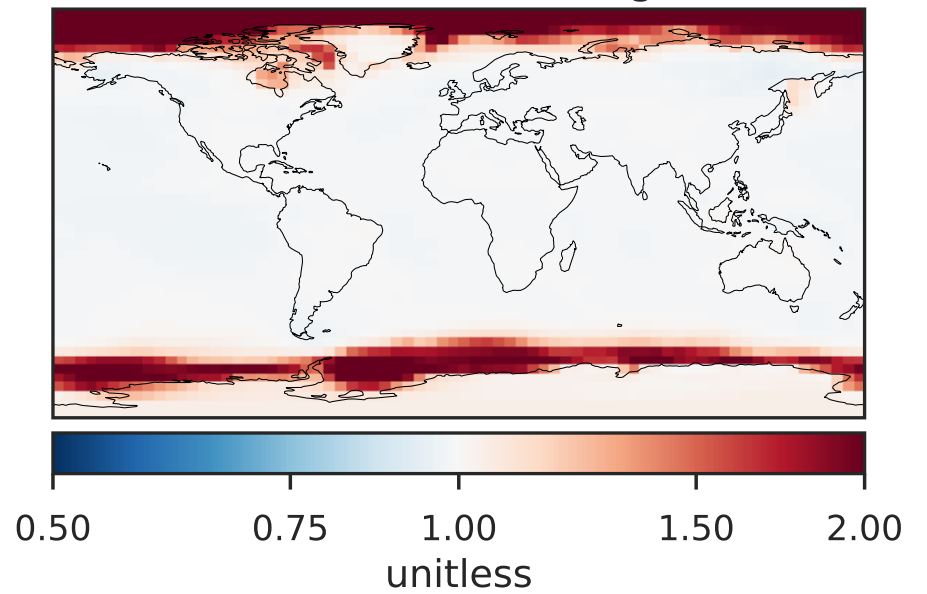
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

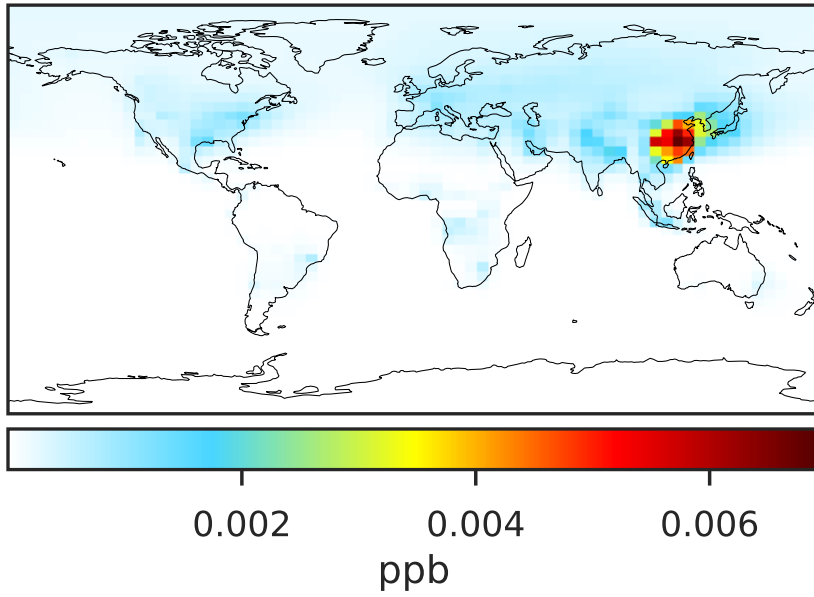


Ratio
Dev/Ref, Fixed Range

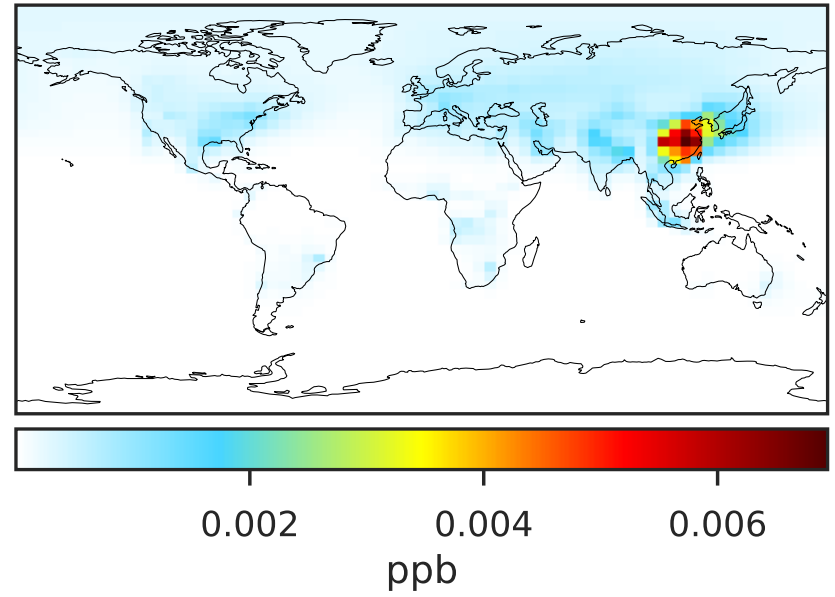


SpeciesConcVV_BZPAN (AnnualMean)

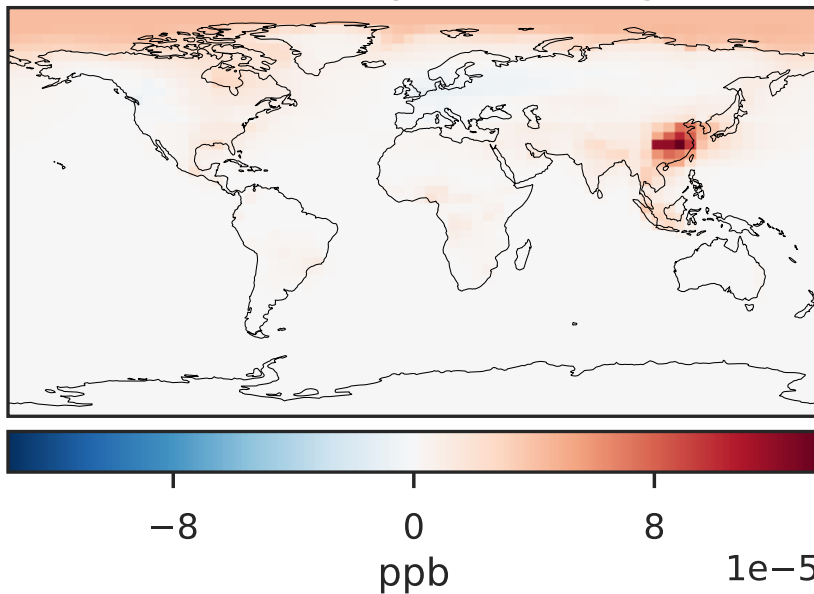
14.2.0-rc.2 (Ref)
4.0x5.0



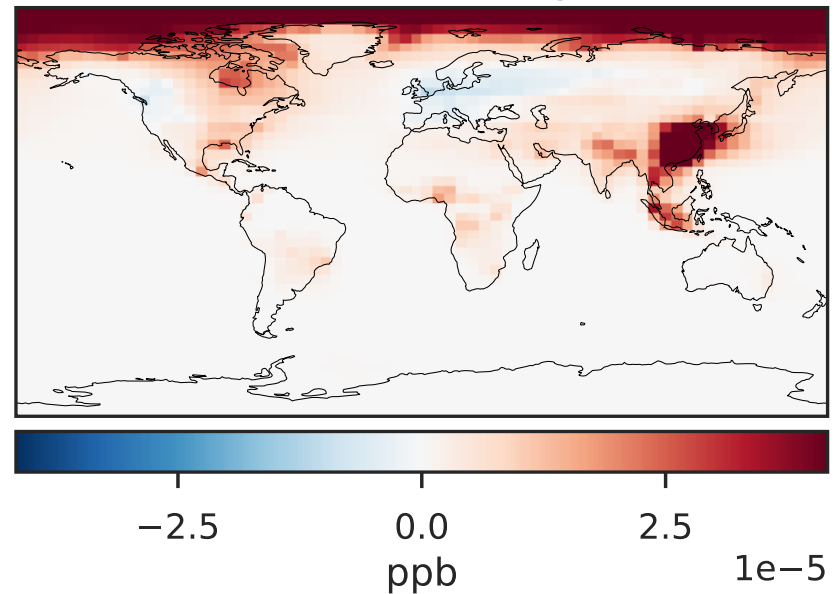
14.3.0-rc.0 (Dev)
4.0x5.0



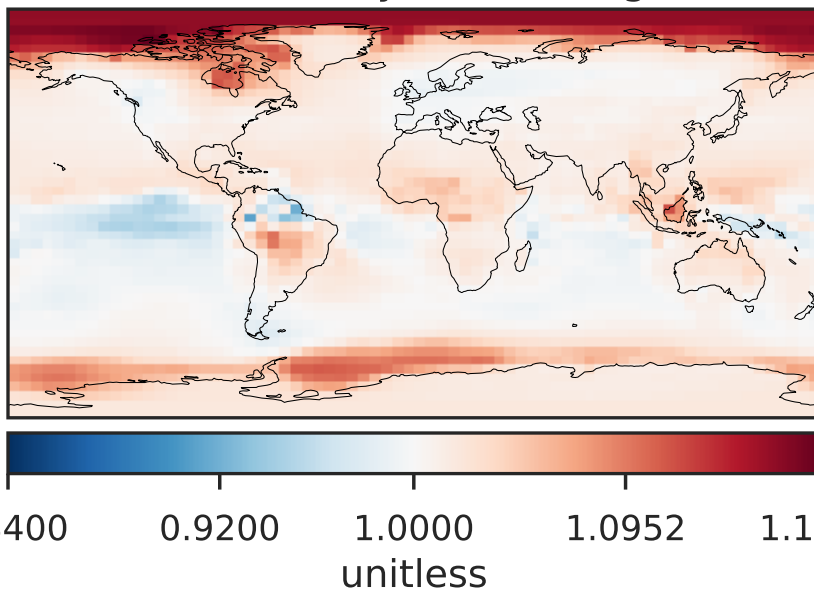
Difference
Dev - Ref, Dynamic Range



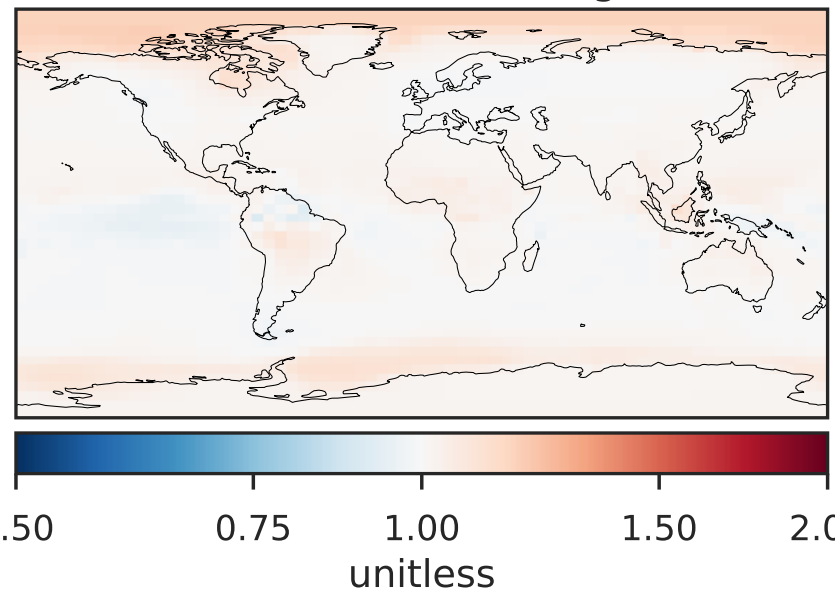
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

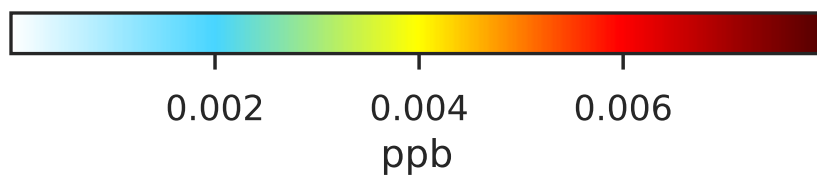
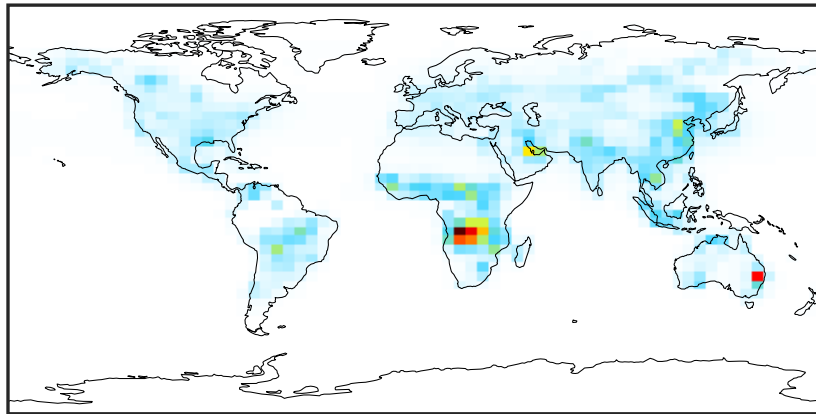


Ratio
Dev/Ref, Fixed Range

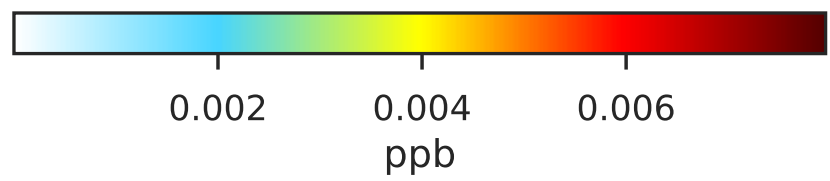
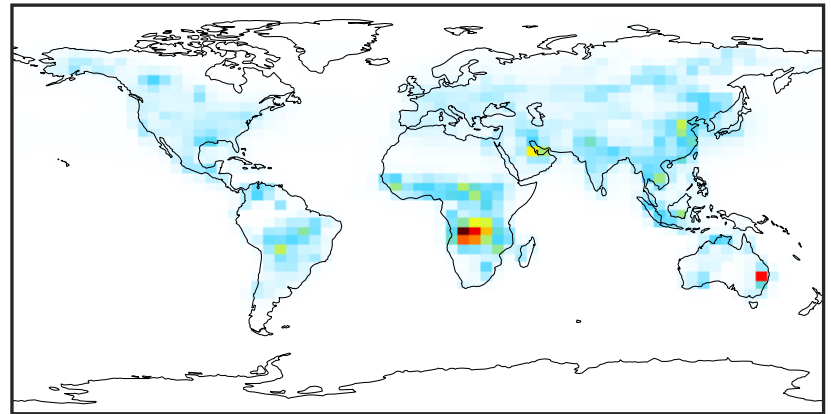


SpeciesConcVV_NPHEN (AnnualMean)

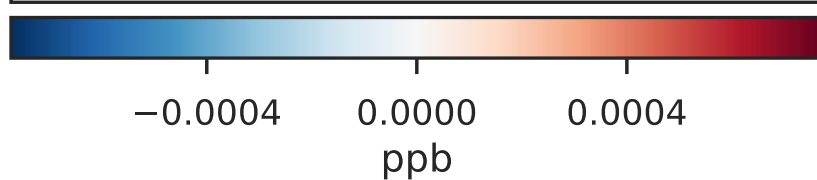
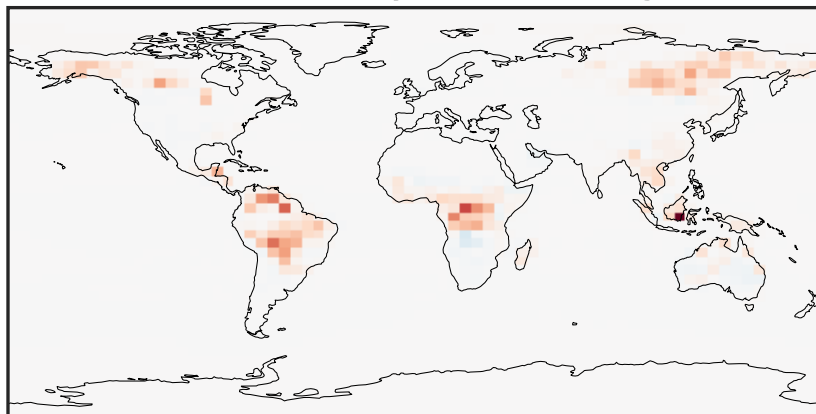
14.2.0-rc.2 (Ref)
4.0x5.0



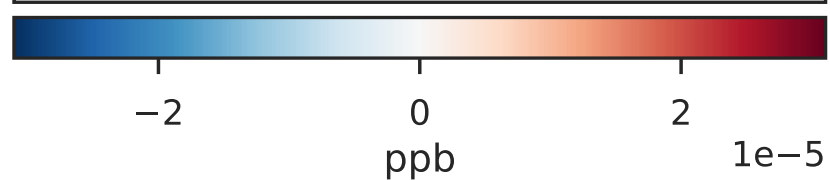
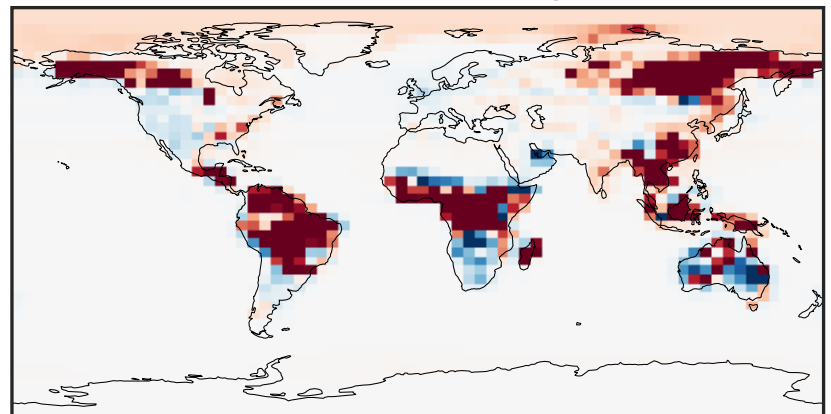
14.3.0-rc.0 (Dev)
4.0x5.0



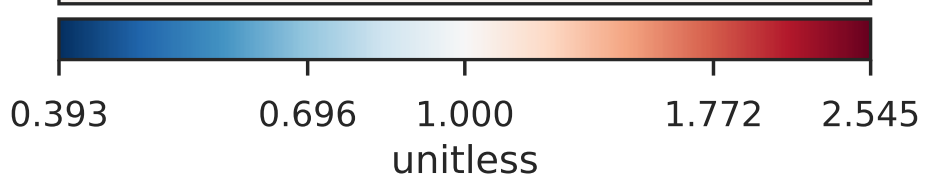
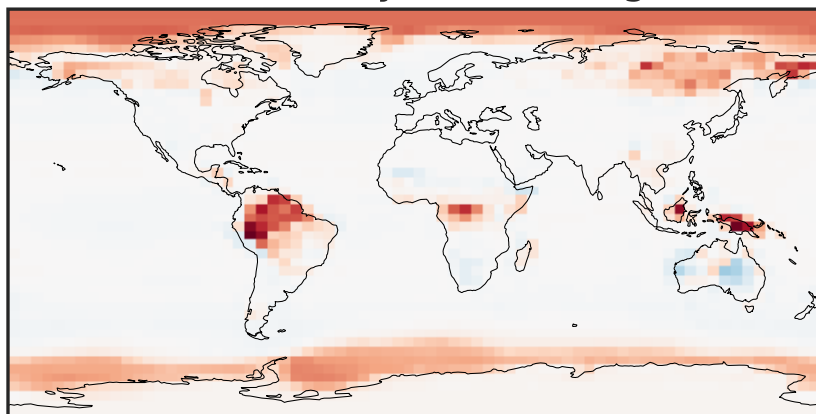
Difference
Dev - Ref, Dynamic Range



Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

