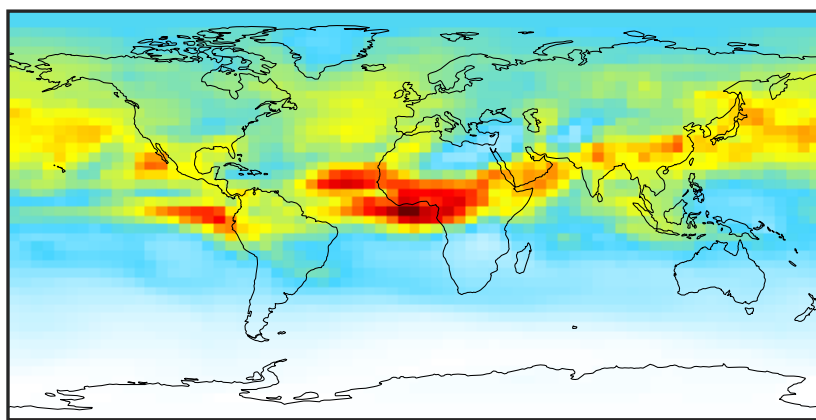


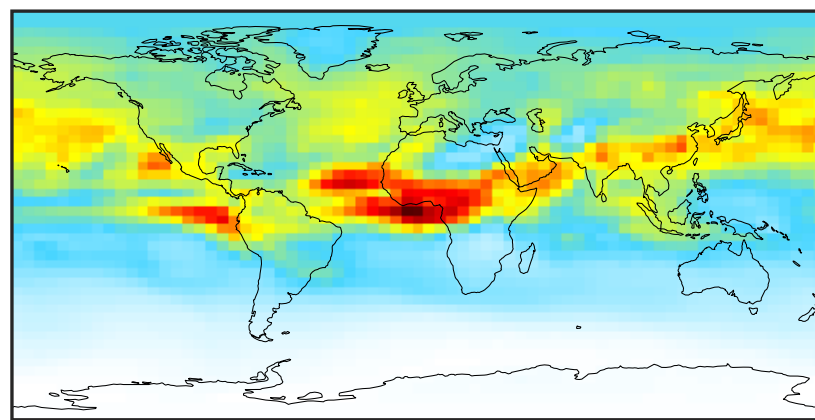
SpeciesConcVV_H2O2 (Jul2019)

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



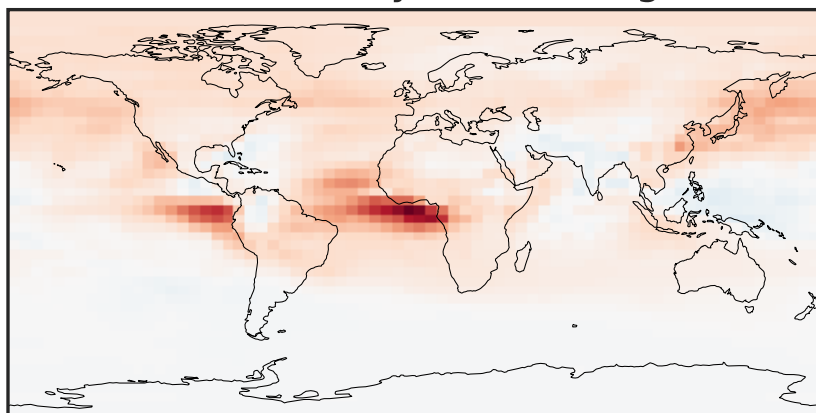
0.053 0.484 0.915 1.346 1.777
ppb

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



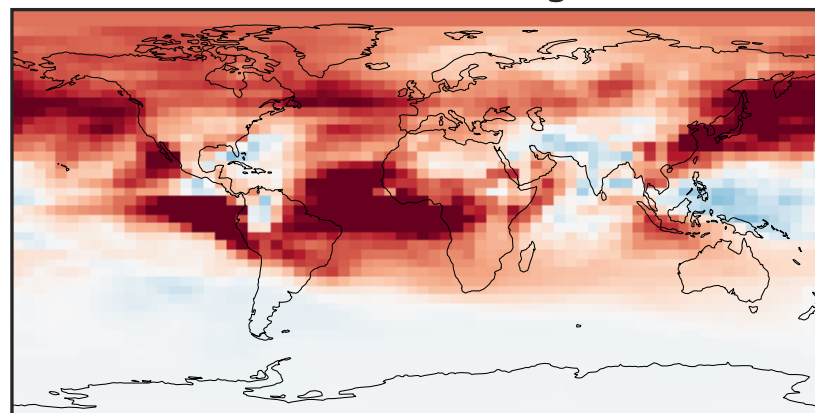
0.053 0.484 0.915 1.346 1.777
ppb

Difference
Dev - Ref, Dynamic Range



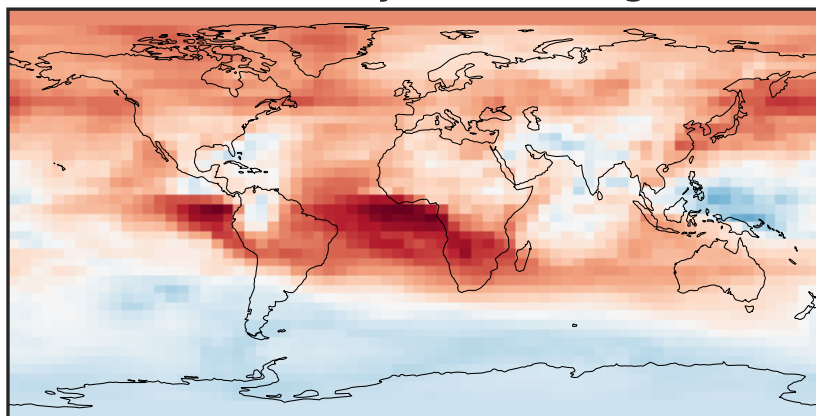
-0.0504 -0.0252 0.0000 0.0252 0.0504
ppb

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



-0.008 0.000 0.008
ppb

Ratio
Dev/Ref, Dynamic Range



0.97120 0.98560 1.00000 1.01483 1.02965
unitless

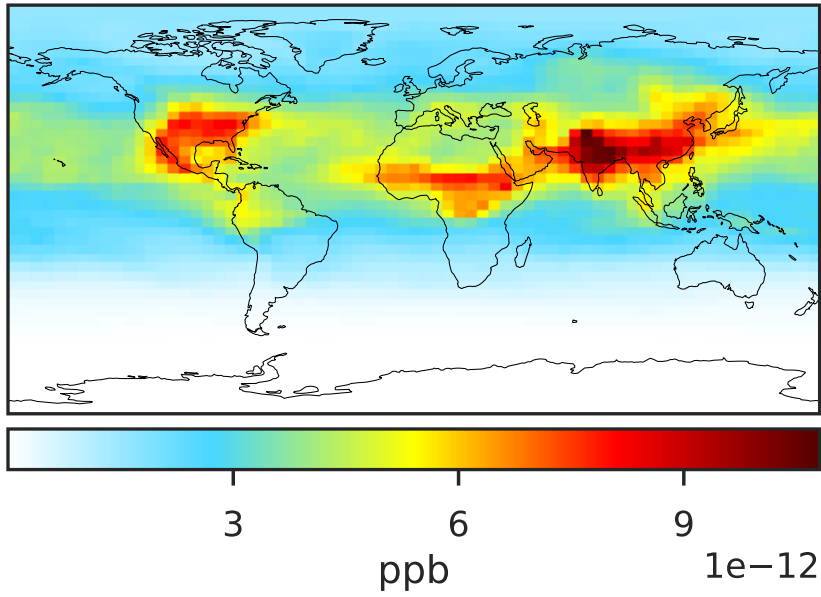
Ratio
Dev/Ref, Fixed Range



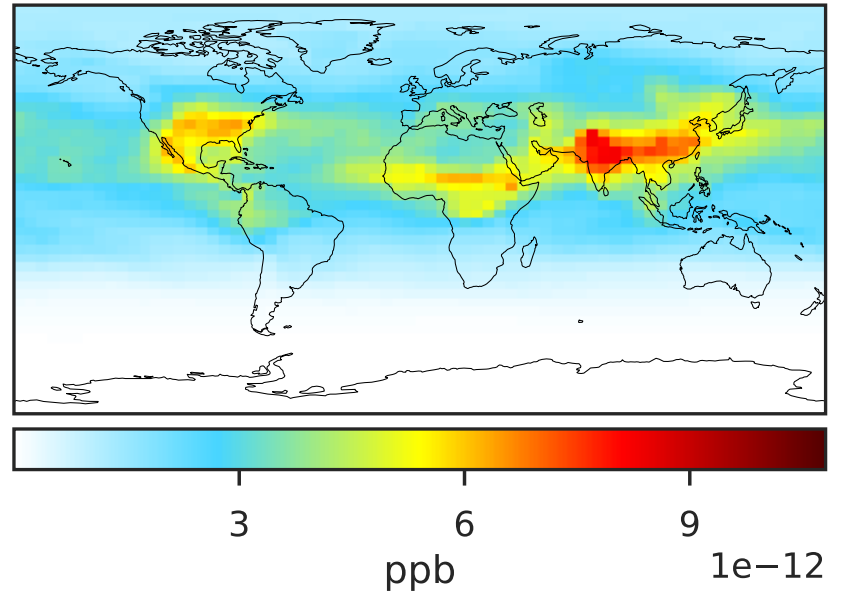
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_H (Jul2019)

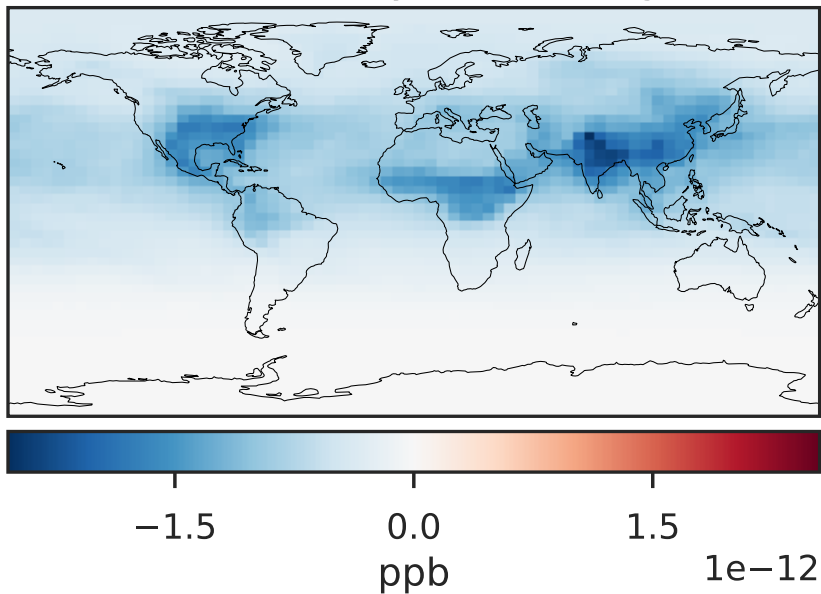
14.2.0-rc.2 (Ref)
4.0x5.0



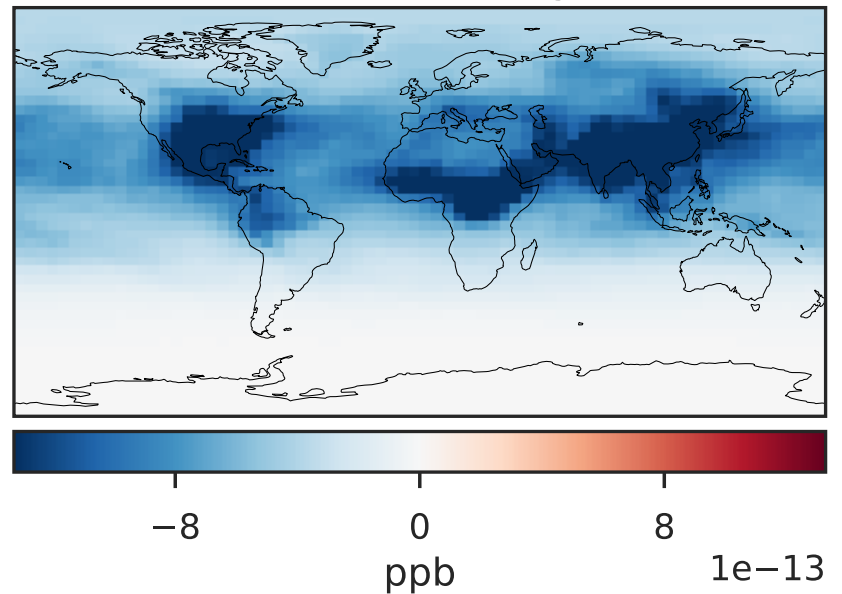
14.3.0-rc.0 (Dev)
4.0x5.0



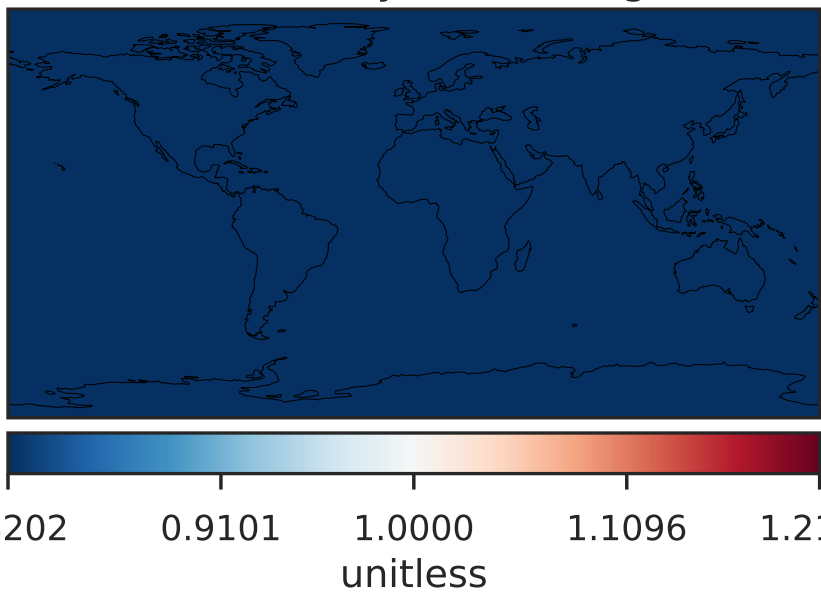
Difference
Dev - Ref, Dynamic Range



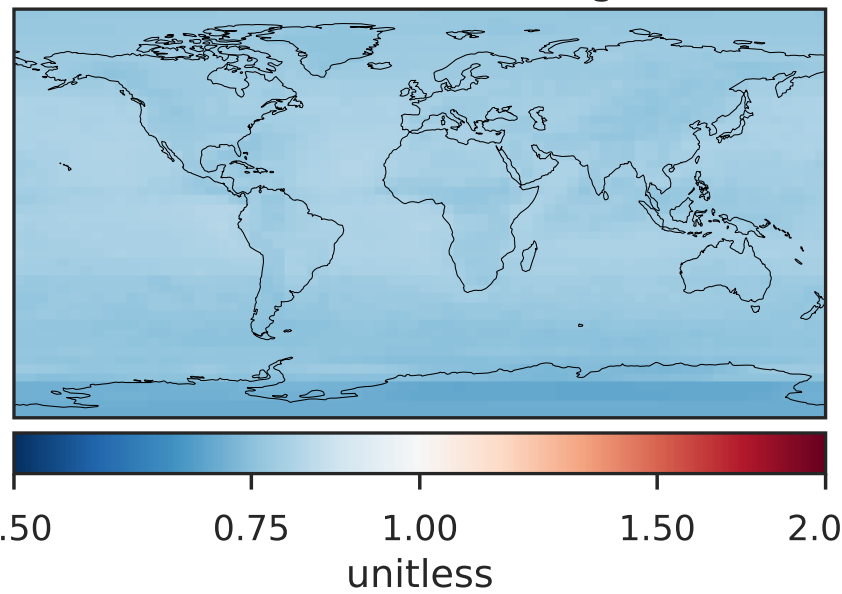
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

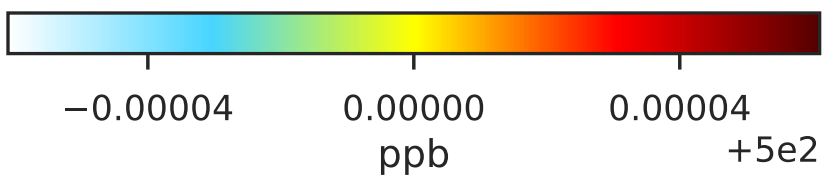
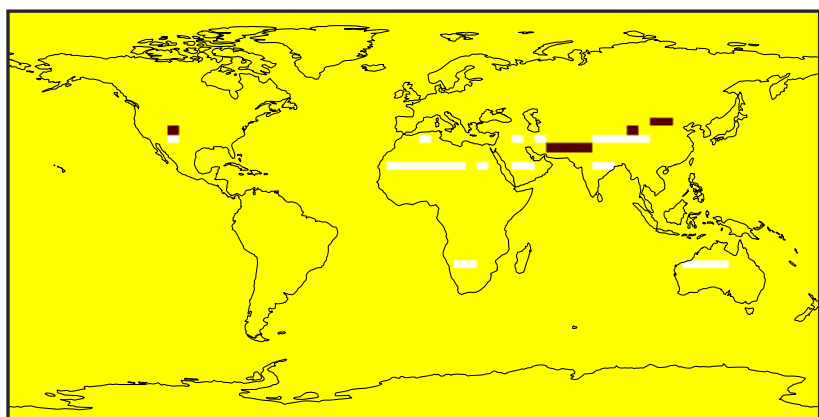


Ratio
Dev/Ref, Fixed Range

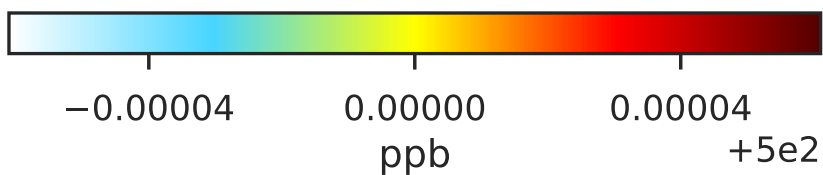
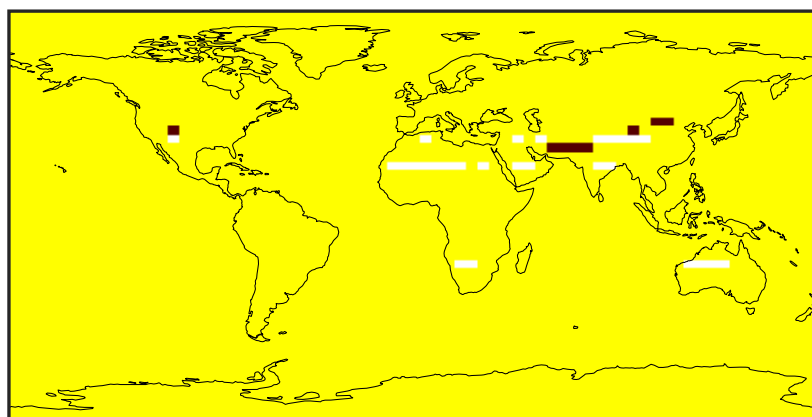


SpeciesConcVV_H2 (Jul2019)

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



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



Difference
Dev - Ref, Dynamic Range



Zero throughout domain
ppb

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



Zero throughout domain
ppb

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

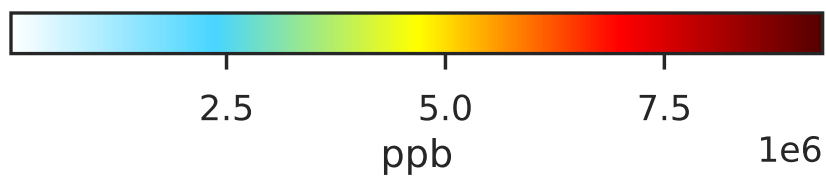
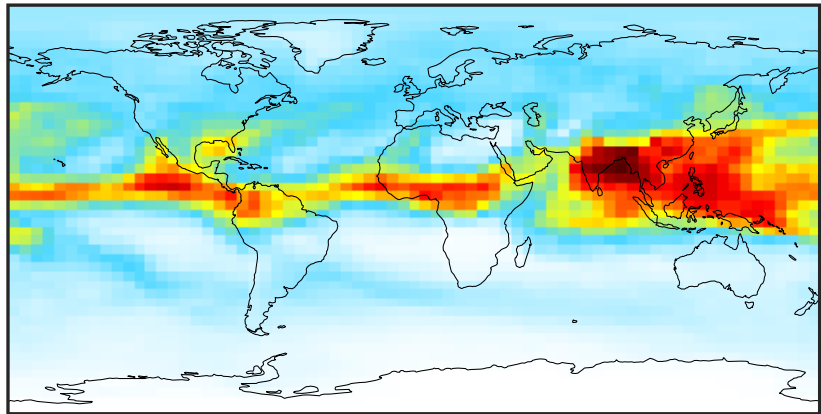
Ratio
Dev/Ref, Fixed Range



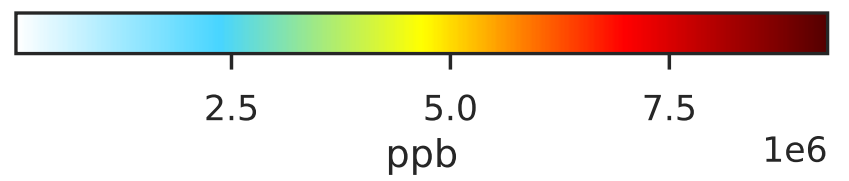
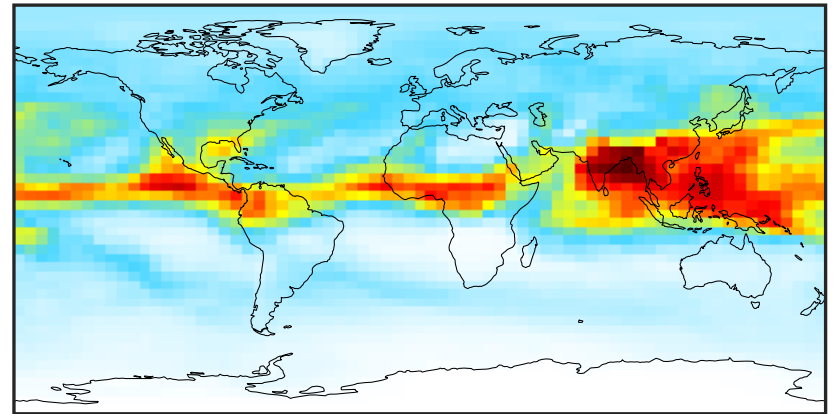
Ref and Dev equal throughout domain
unitless

SpeciesConcVV_H2O (Jul2019)

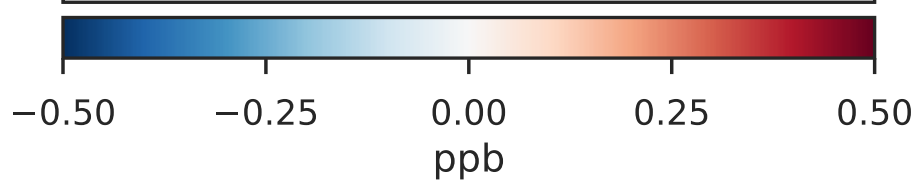
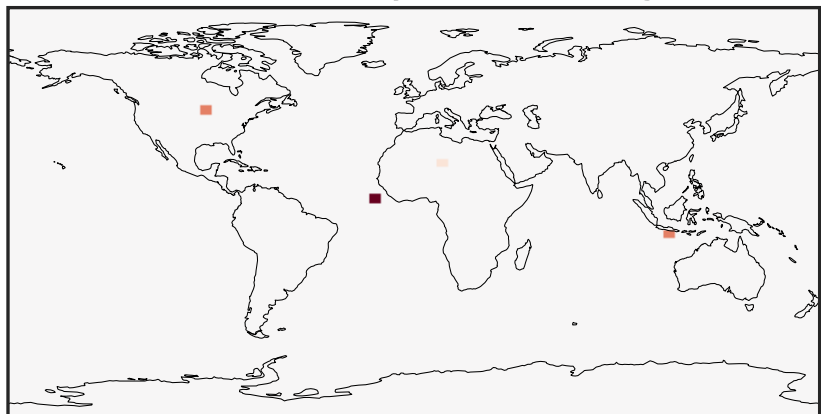
14.2.0-rc.2 (Ref)
4.0x5.0



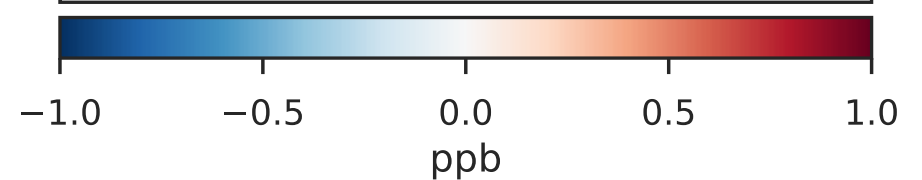
14.3.0-rc.0 (Dev)
4.0x5.0



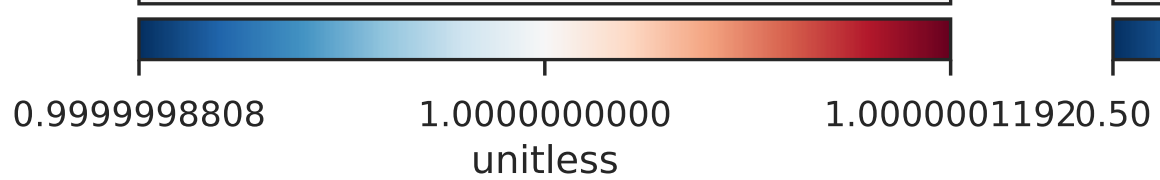
Difference
Dev - Ref, Dynamic Range



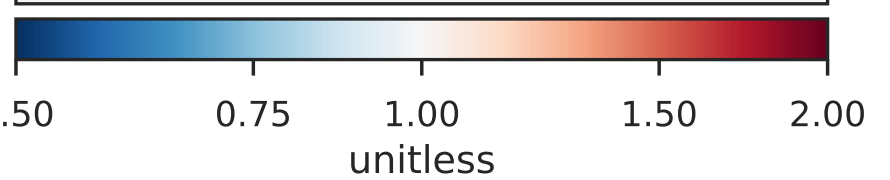
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

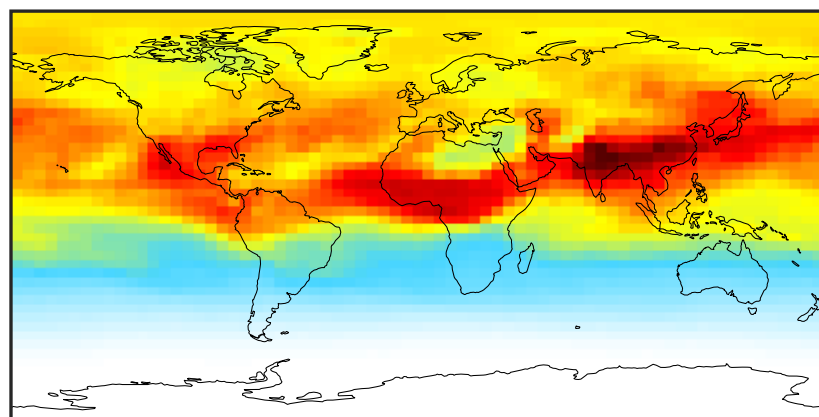


Ratio
Dev/Ref, Fixed Range



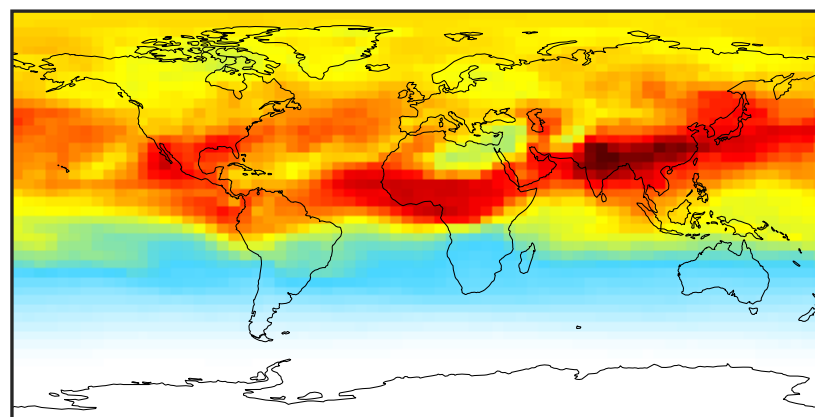
SpeciesConcVV_HO2 (Jul2019)

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



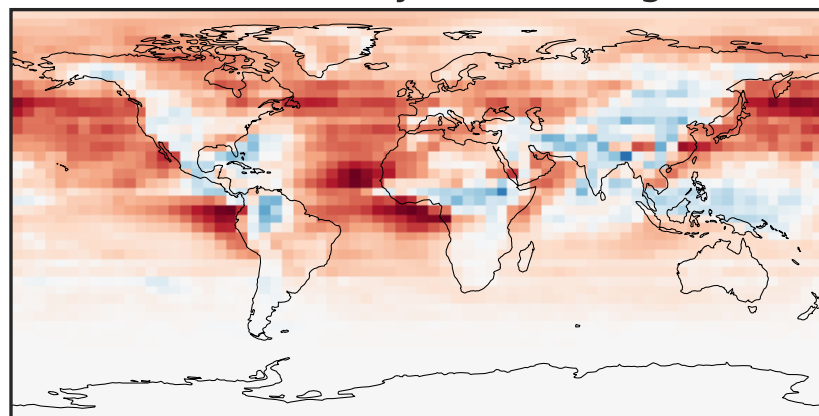
0.004 0.008 0.012
ppb

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



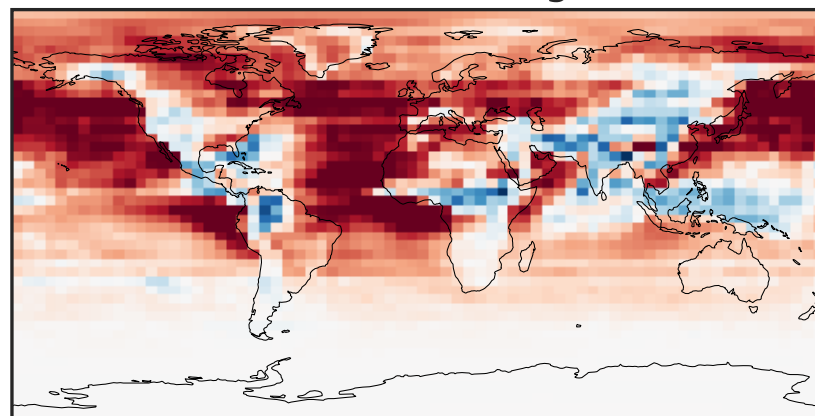
0.004 0.008 0.012
ppb

Difference
Dev - Ref, Dynamic Range



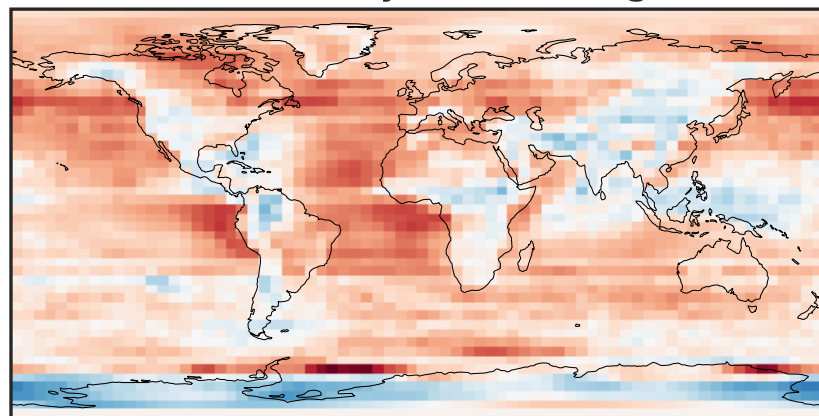
-0.00015 0.00000 0.00015
ppb

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



-0.0001 0.0000 0.0001
ppb

Ratio
Dev/Ref, Dynamic Range



0.96289 0.98145 1.00000 1.01927 1.03854
unitless

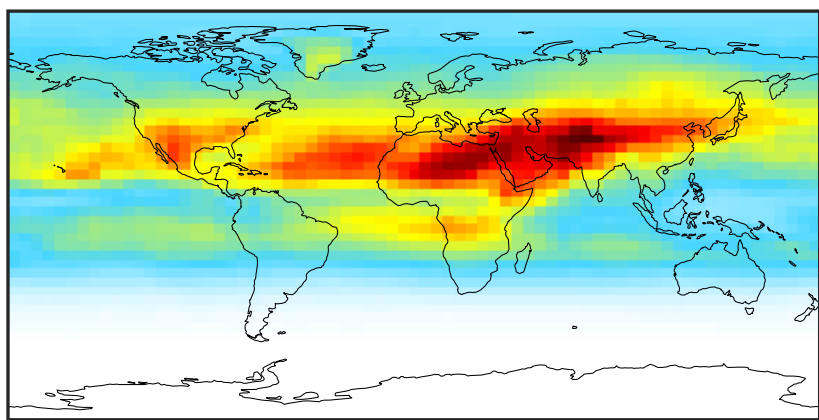
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

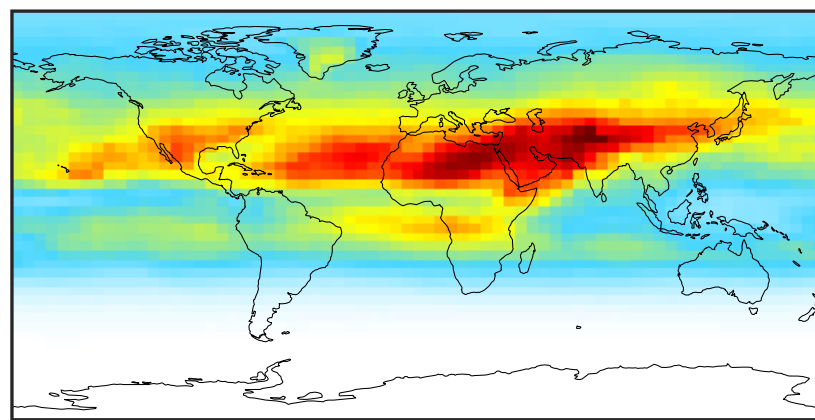
SpeciesConcVV_01D (Jul2019)

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



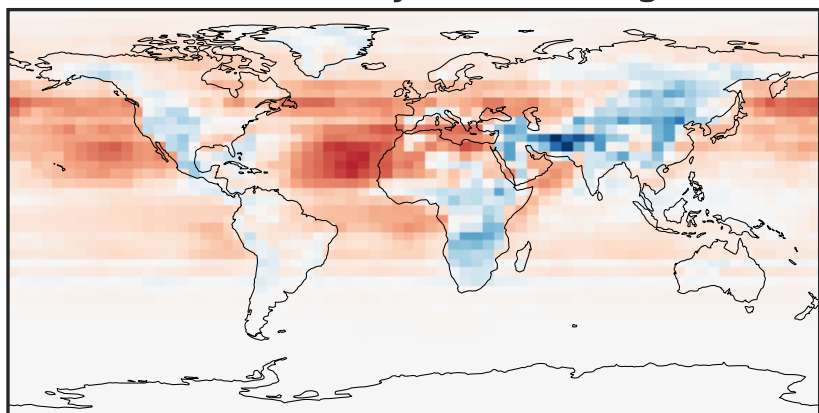
0.0 1.5 3.0 $1e-12$
ppb

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



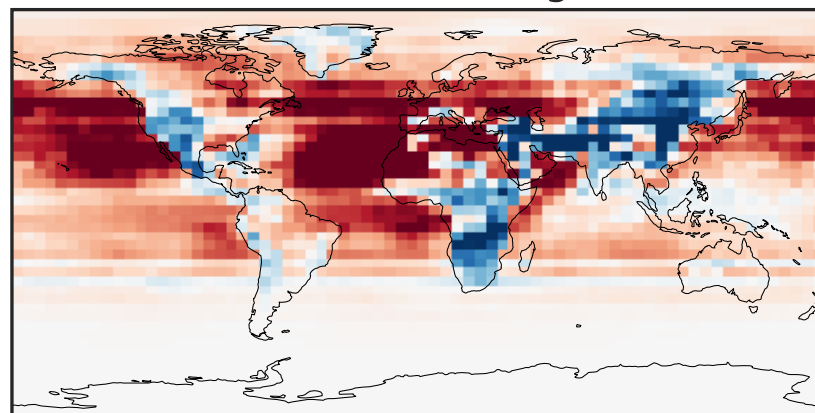
0.0 1.5 3.0 $1e-12$
ppb

Difference
Dev - Ref, Dynamic Range



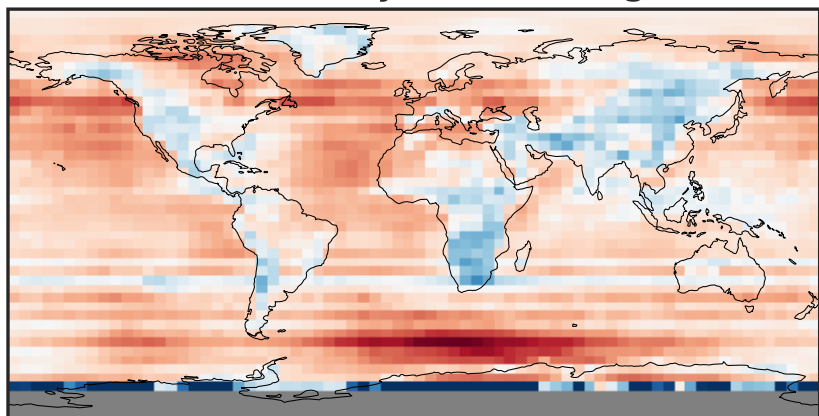
-1 0 1 $1e-13$
ppb

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



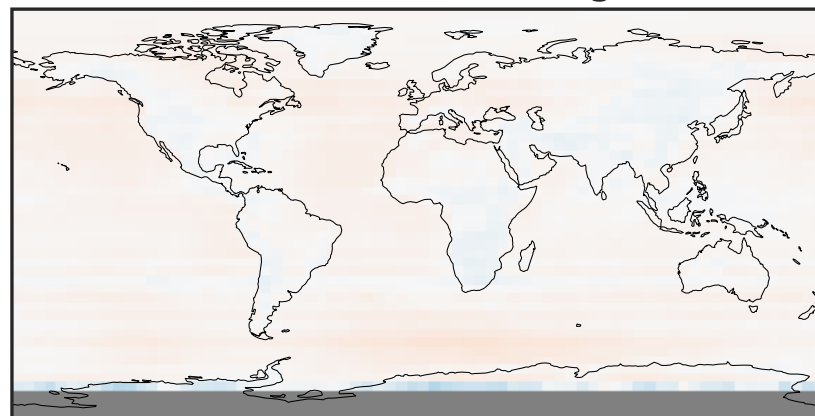
-4 0 4 $1e-14$
ppb

Ratio
Dev/Ref, Dynamic Range



0.9119 0.9560 1.0000 1.0483 1.0966
unitless

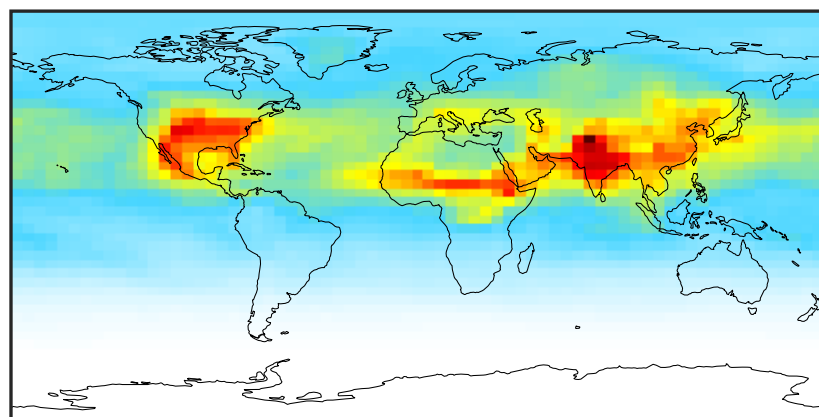
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

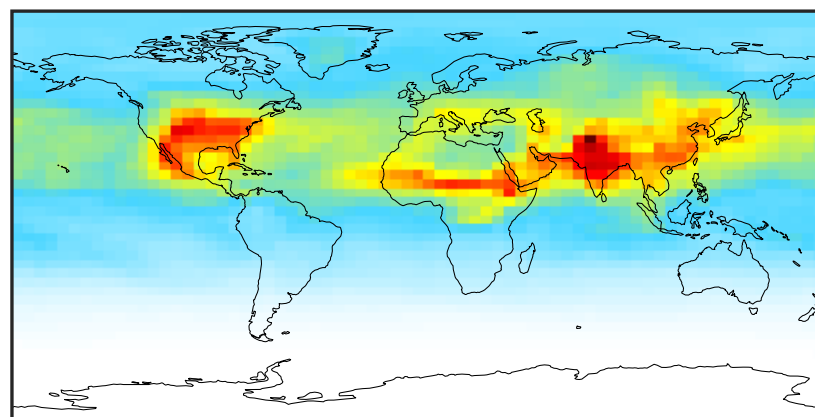
SpeciesConcVV_OH (Jul2019)

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



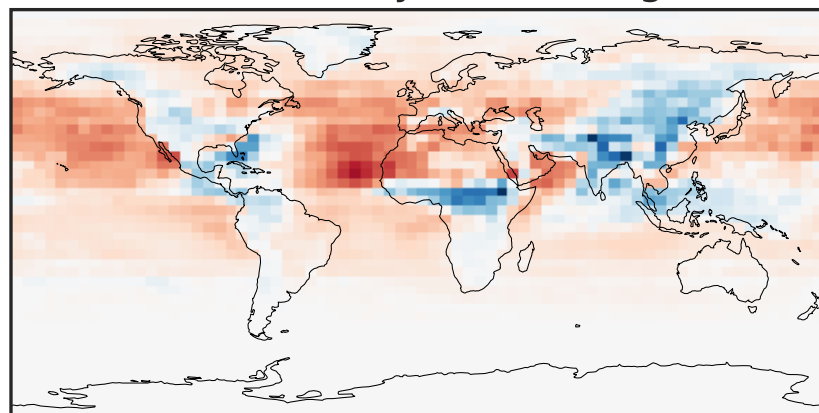
0.00015 0.00030
ppb

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



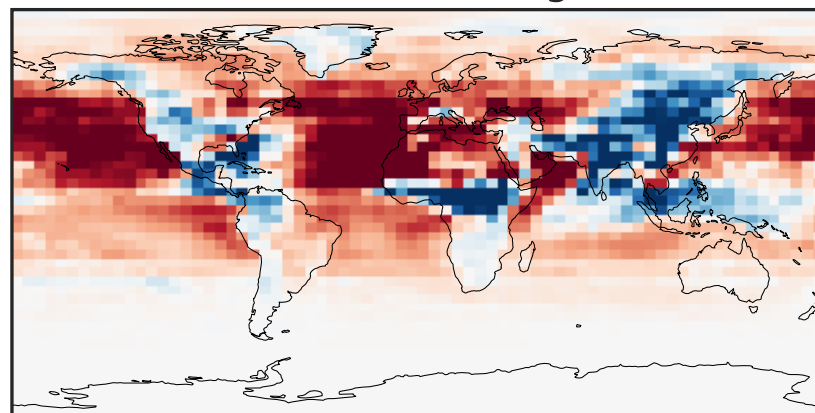
0.00015 0.00030
ppb

Difference
Dev - Ref, Dynamic Range



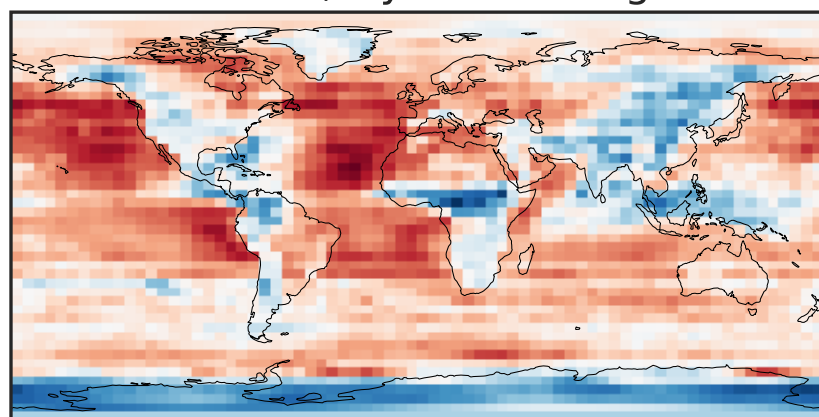
-6 0 6
ppb $1e-6$

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



-2.5 0.0 2.5
ppb $1e-6$

Ratio
Dev/Ref, Dynamic Range



0.95918 0.97959 1.00000 1.02128 1.04256
unitless

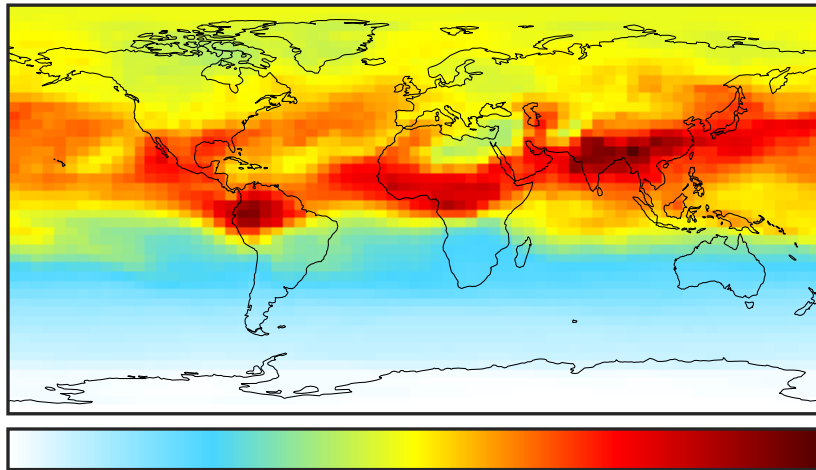
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

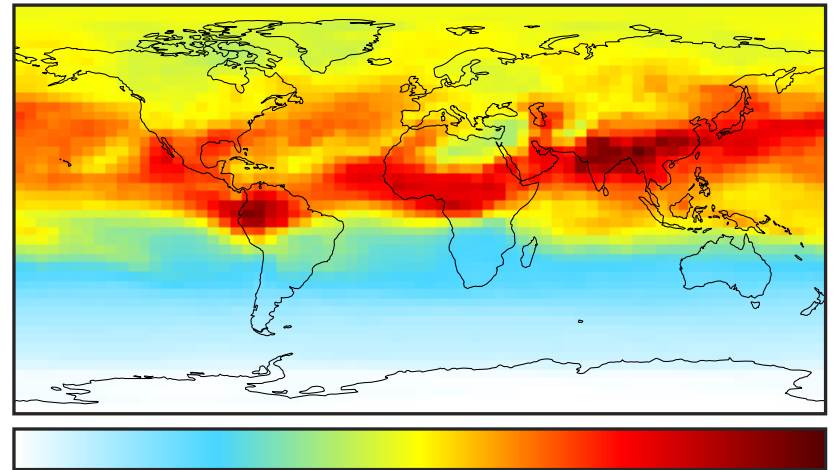
SpeciesConcVV_RO2 (Jul2019)

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



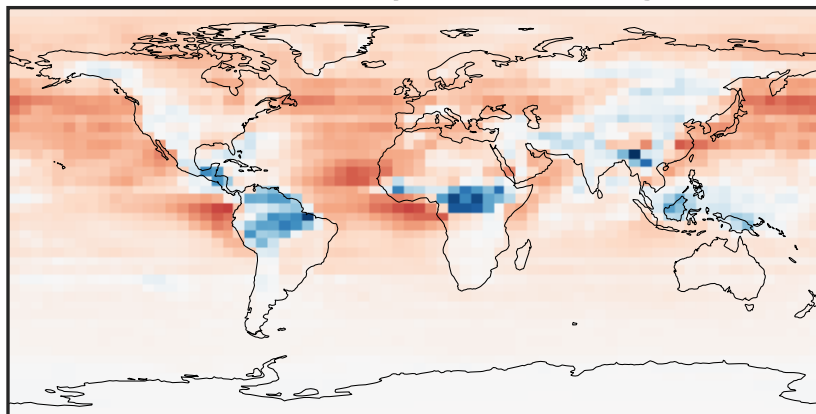
0.006 0.012 0.018
ppb

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



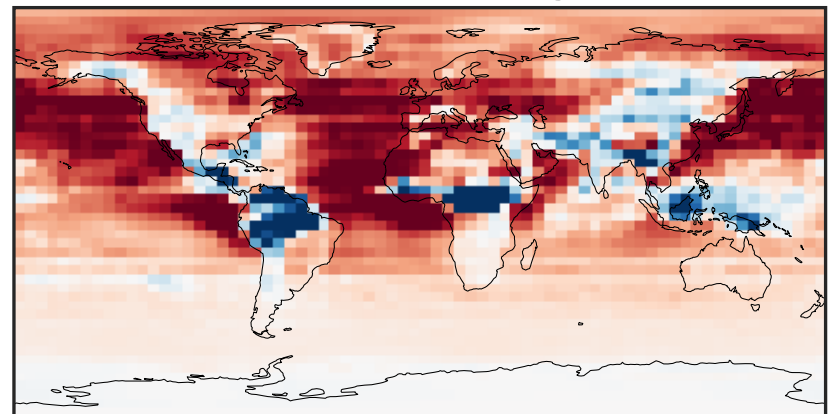
0.006 0.012 0.018
ppb

Difference
Dev - Ref, Dynamic Range



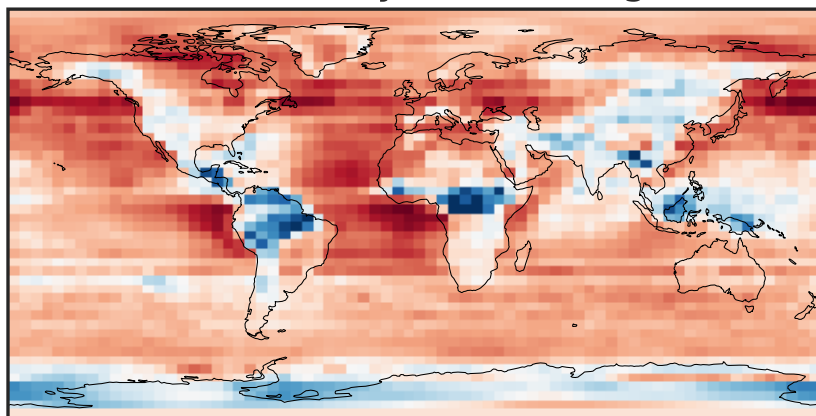
-0.0004 0.0000 0.0004
ppb

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



-0.00015 0.00000 0.00015
ppb

Ratio
Dev/Ref, Dynamic Range



0.97349 0.98674 1.00000 1.01362 1.02723
unitless

Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless