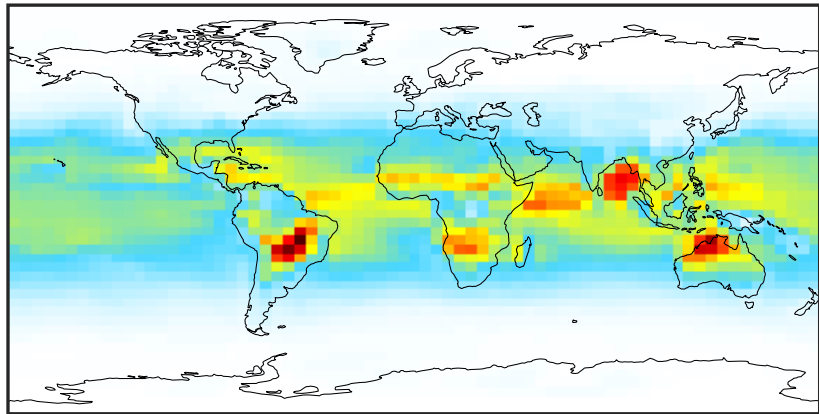


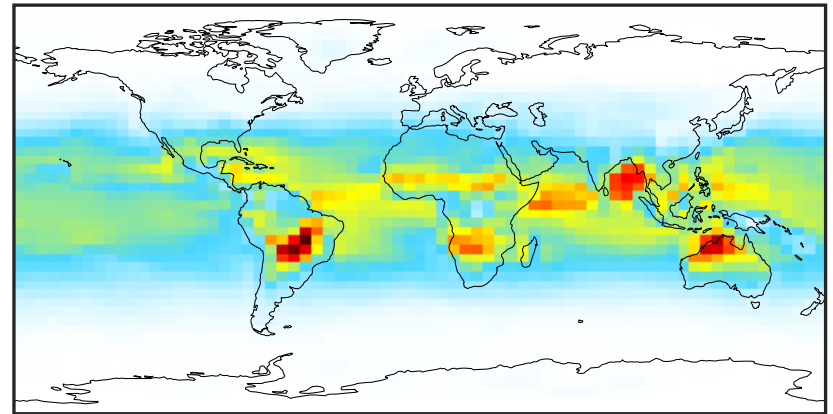
# SpeciesConcVV\_H2O2 (Oct2019)

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



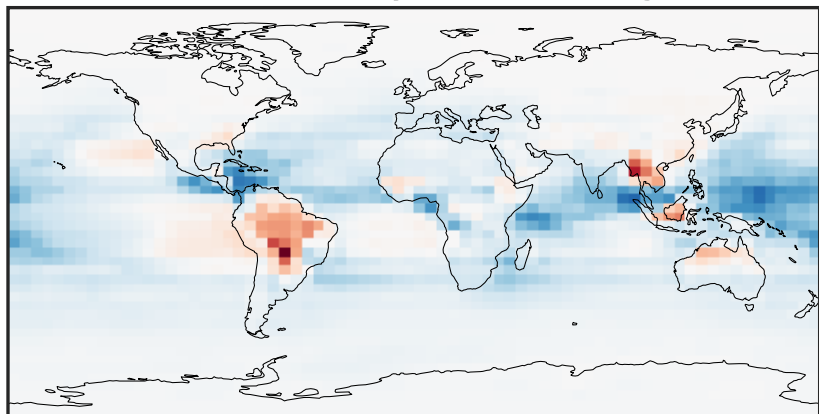
0.001 0.738 1.475 2.212 2.948  
ppb

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



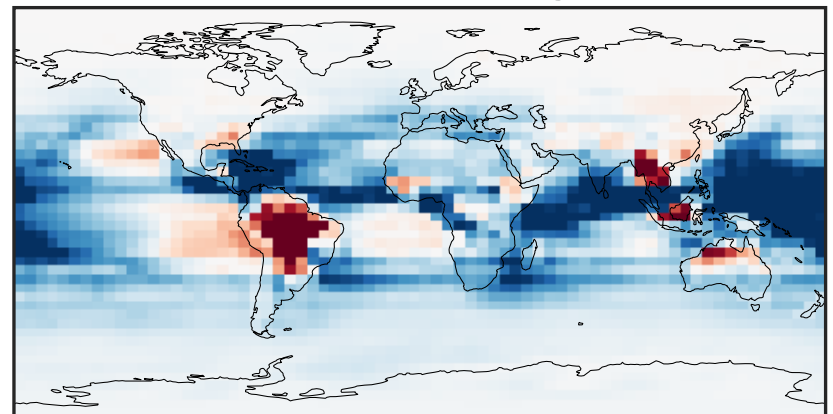
0.001 0.738 1.475 2.212 2.948  
ppb

Difference  
Dev - Ref, Dynamic Range



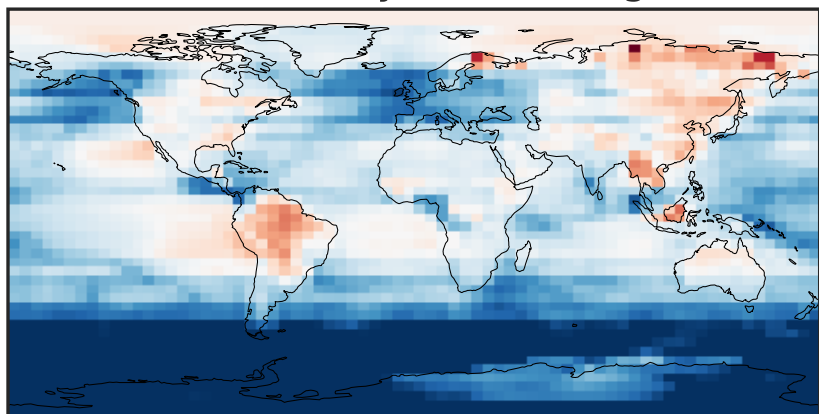
-0.056 -0.028 0.000 0.028 0.056  
ppb

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



-0.01 0.00 0.01  
ppb

Ratio  
Dev/Ref, Dynamic Range



0.95183 0.97591 1.00000 1.02531 1.05061  
unitless

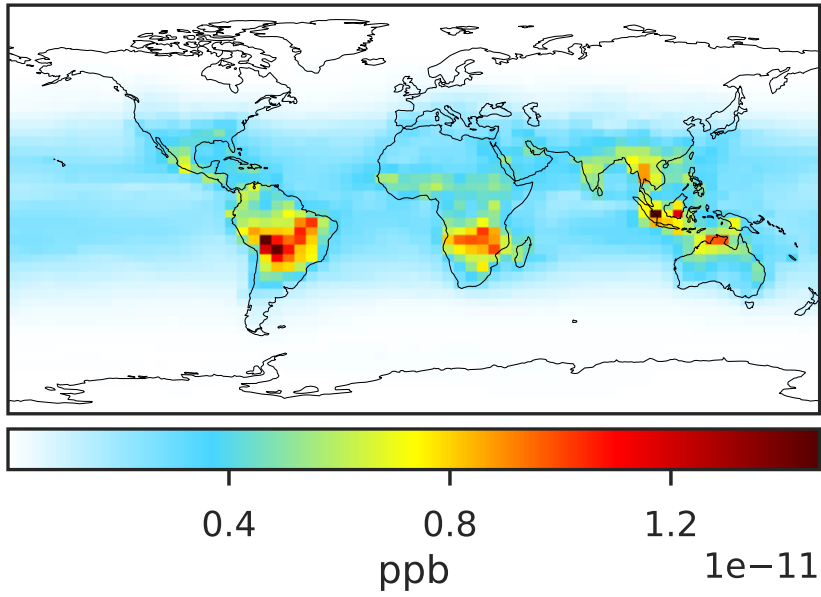
Ratio  
Dev/Ref, Fixed Range



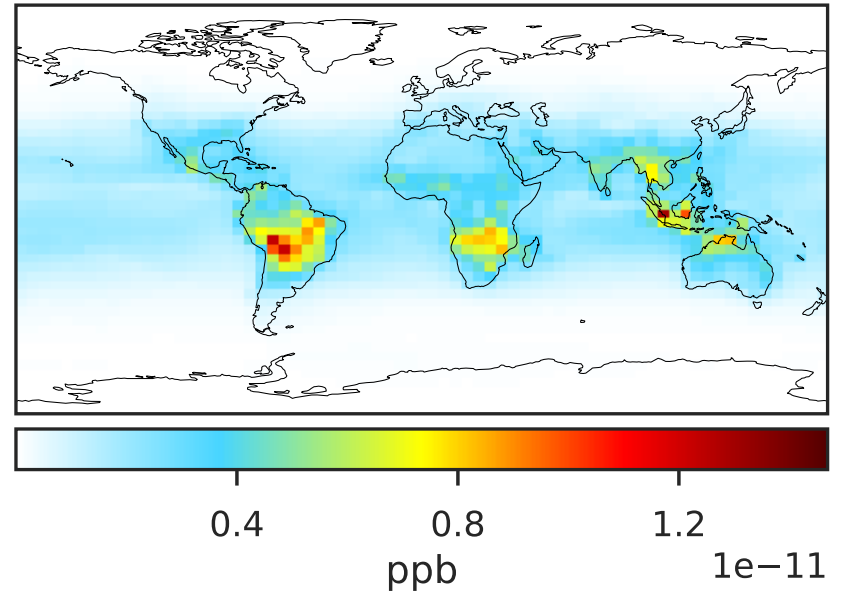
0.50 0.75 1.00 1.50 2.00  
unitless

# SpeciesConcVW\_H (Oct2019)

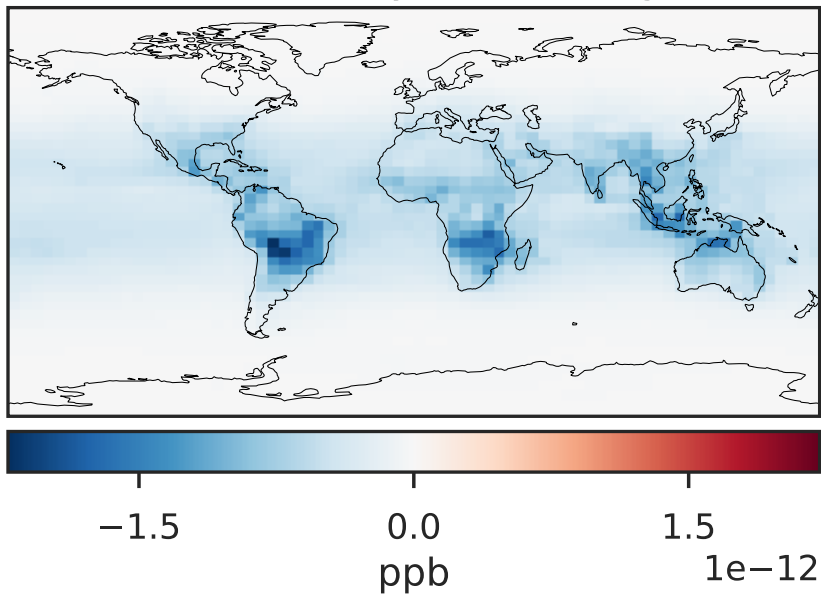
14.2.0-rc.2 (Ref)  
4.0x5.0



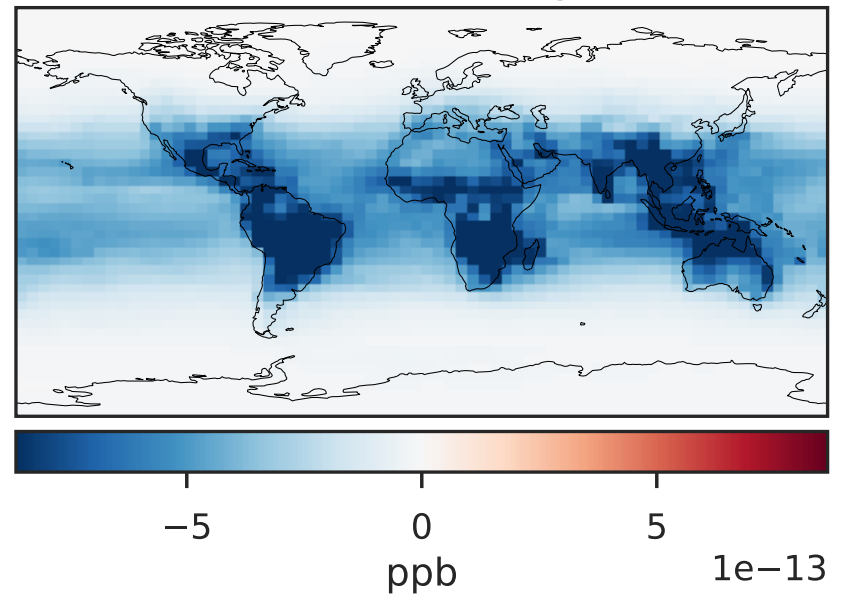
14.3.0-rc.0 (Dev)  
4.0x5.0



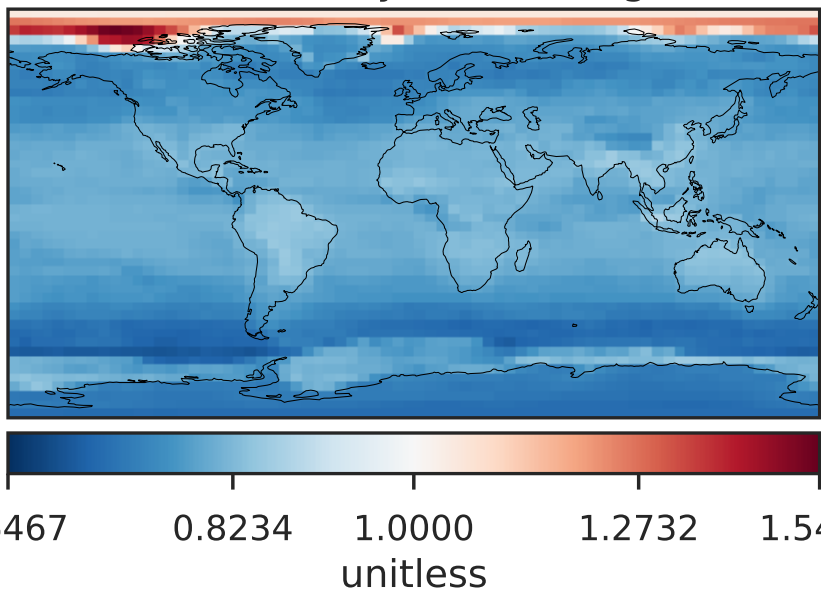
Difference  
Dev - Ref, Dynamic Range



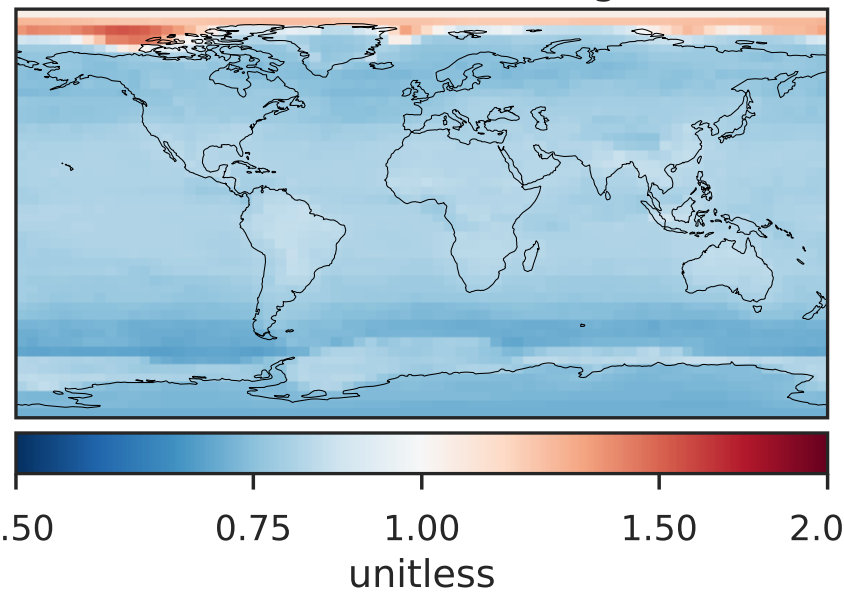
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

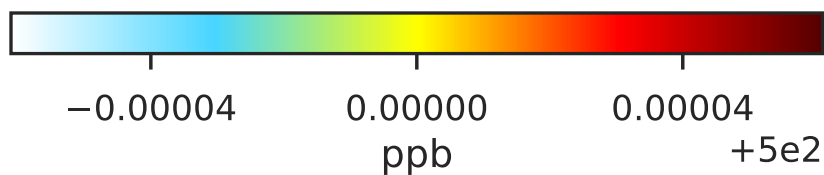
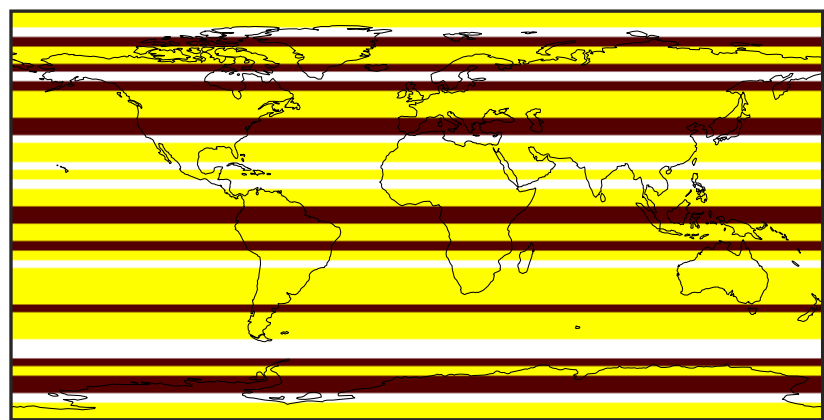


Ratio  
Dev/Ref, Fixed Range

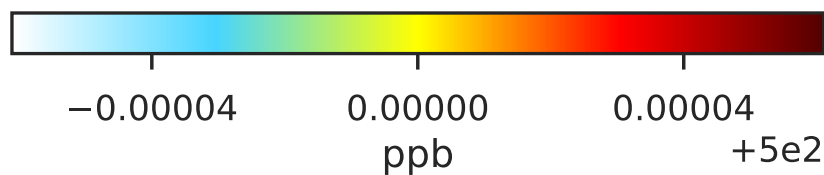
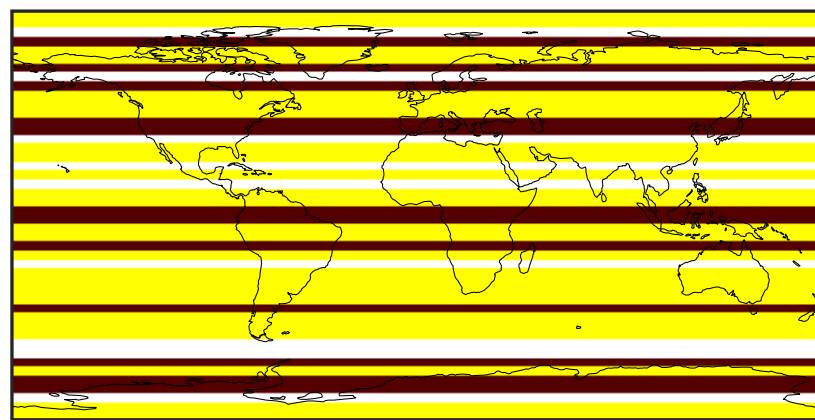


# SpeciesConcVV\_H2 (Oct2019)

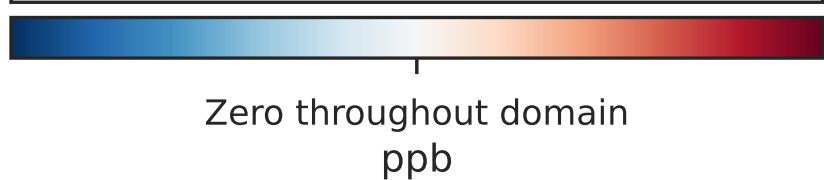
14.2.0-rc.2 (Ref)  
4.0x5.0



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

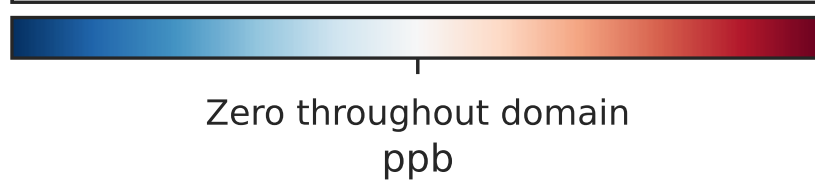


Difference  
Dev - Ref, Dynamic Range



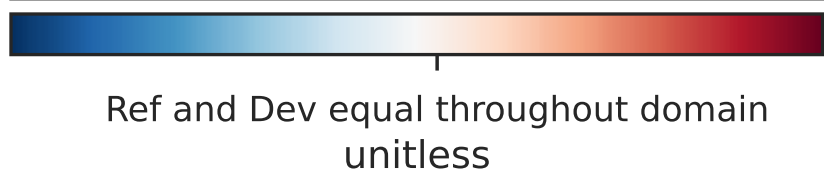
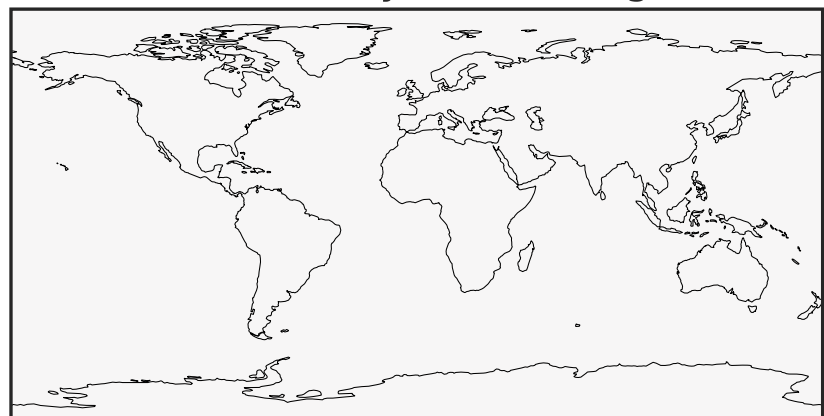
Zero throughout domain  
ppb

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



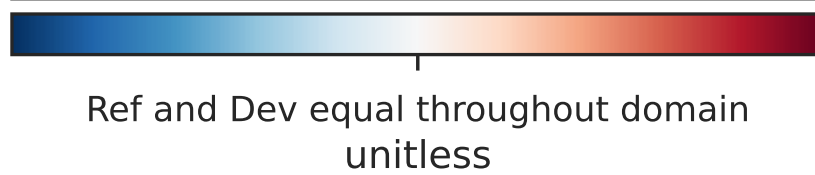
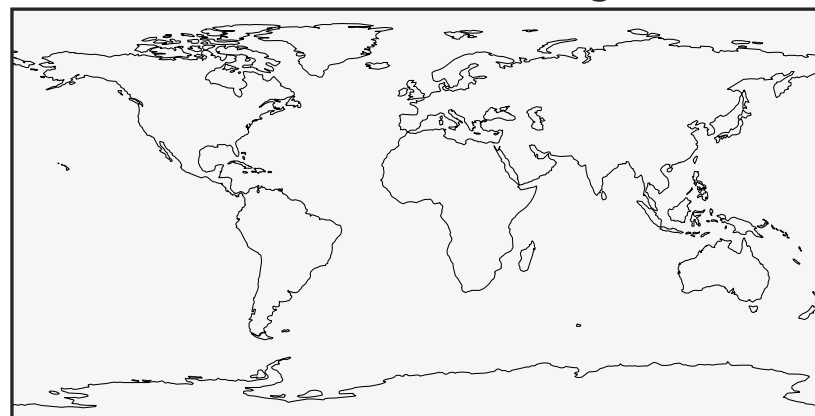
Zero throughout domain  
ppb

Ratio  
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain  
unitless

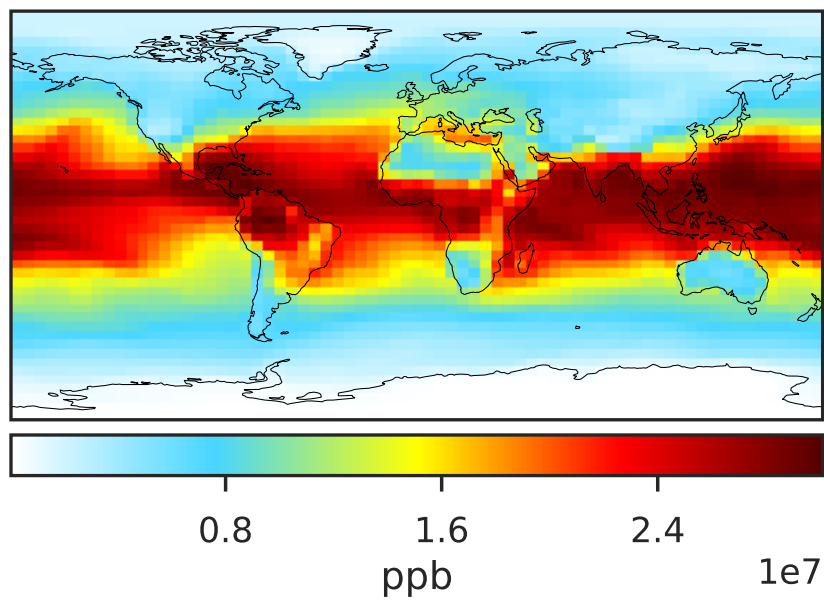
Ratio  
Dev/Ref, Fixed Range



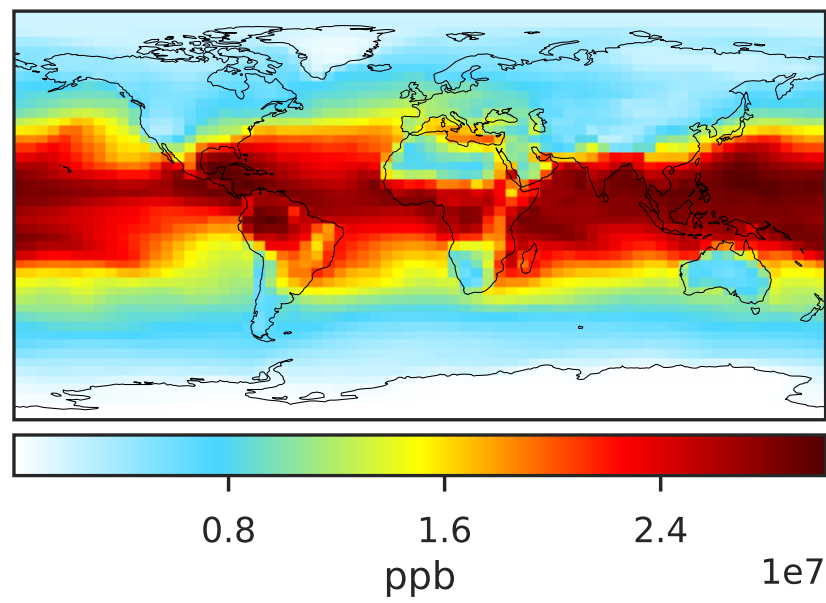
Ref and Dev equal throughout domain  
unitless

# SpeciesConcVW\_H2O (Oct2019)

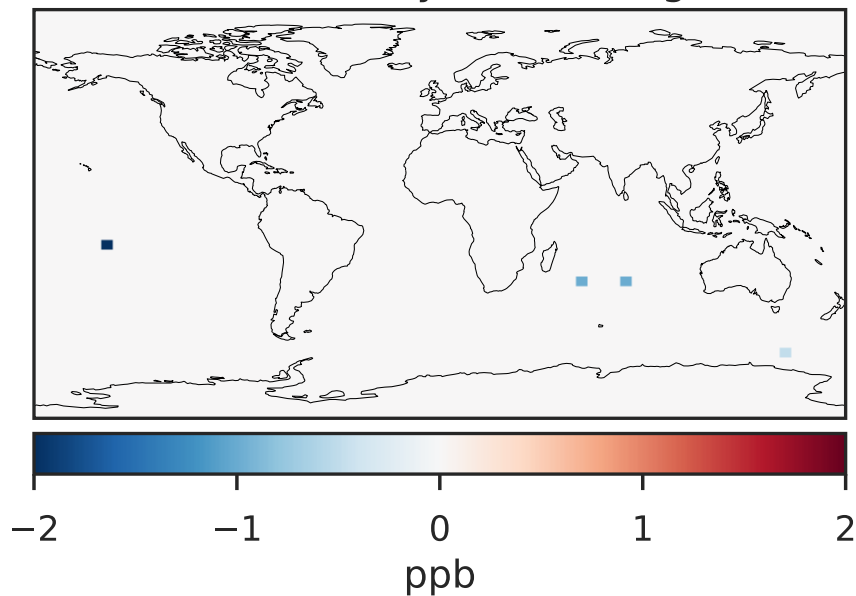
14.2.0-rc.2 (Ref)  
4.0x5.0



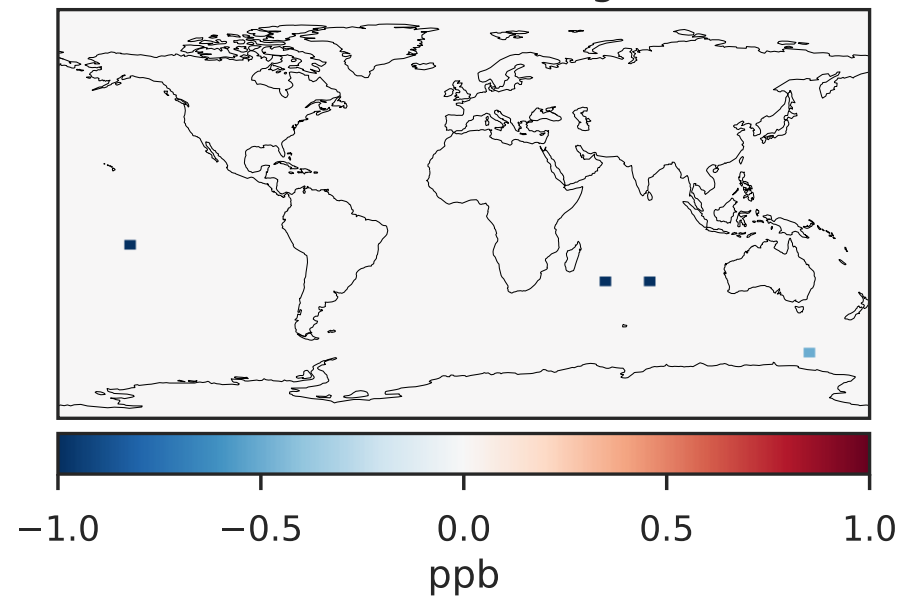
14.3.0-rc.0 (Dev)  
4.0x5.0



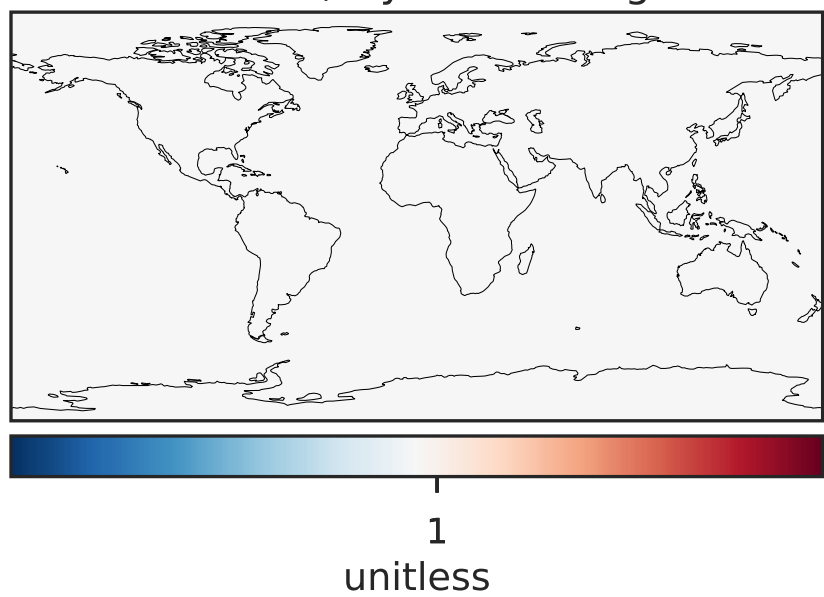
Difference  
Dev - Ref, Dynamic Range



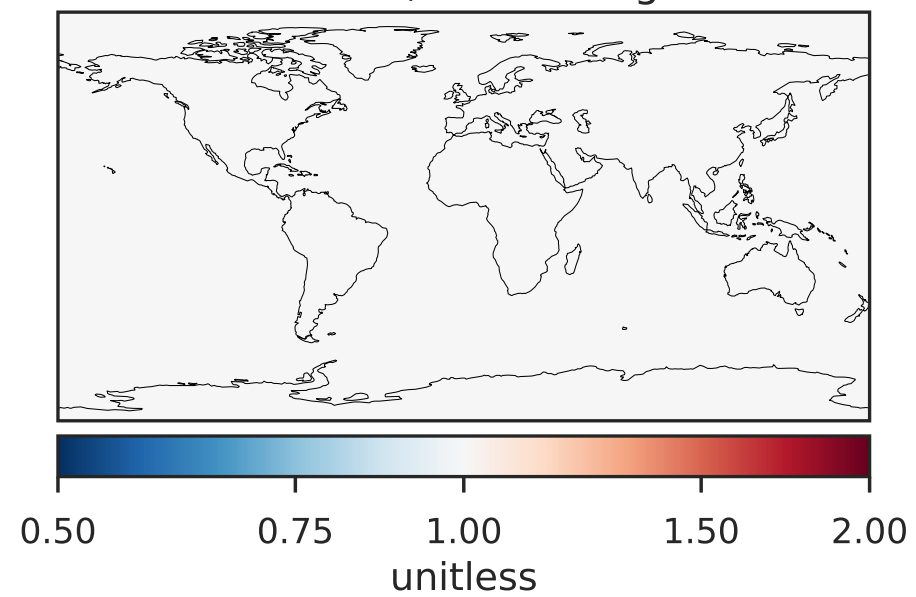
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

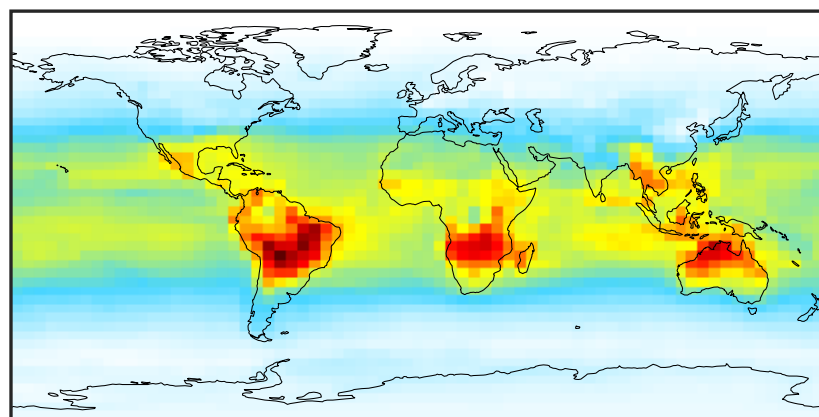


Ratio  
Dev/Ref, Fixed Range



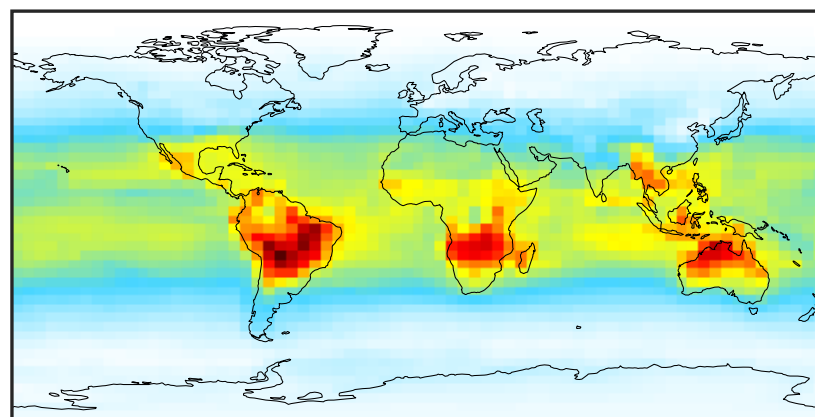
# SpeciesConcVW\_HO2 (Oct2019)

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



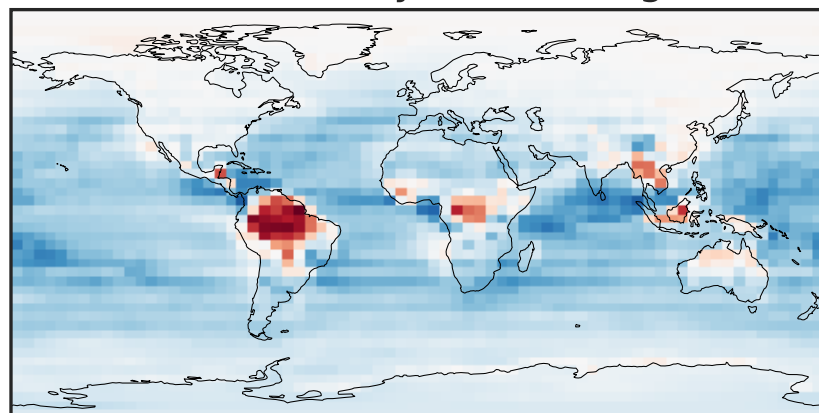
0.004 0.008 0.012  
ppb

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



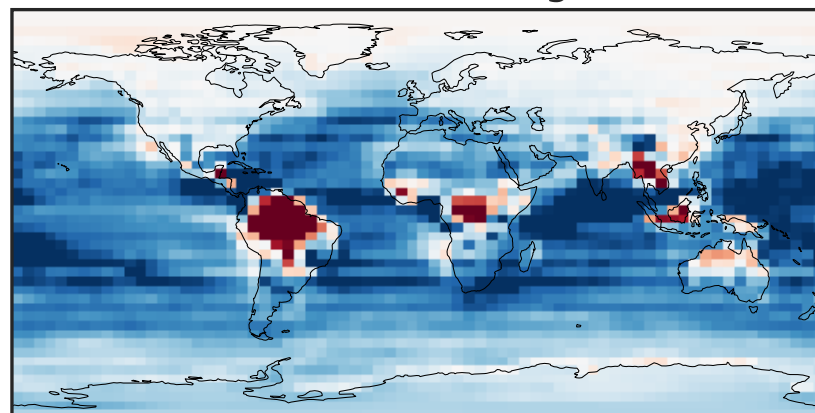
0.004 0.008 0.012  
ppb

Difference  
Dev - Ref, Dynamic Range



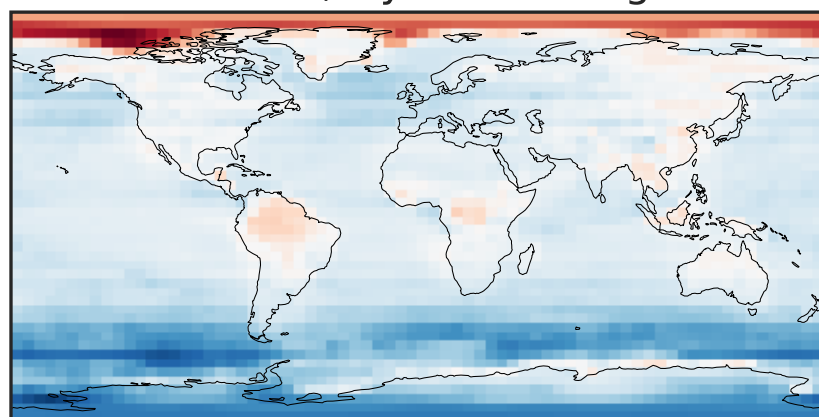
-0.0002 0.0000 0.0002  
ppb

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



-0.0001 0.0000 0.0001  
ppb

Ratio  
Dev/Ref, Dynamic Range



0.8342 0.9171 1.0000 1.0994 1.1988  
unitless

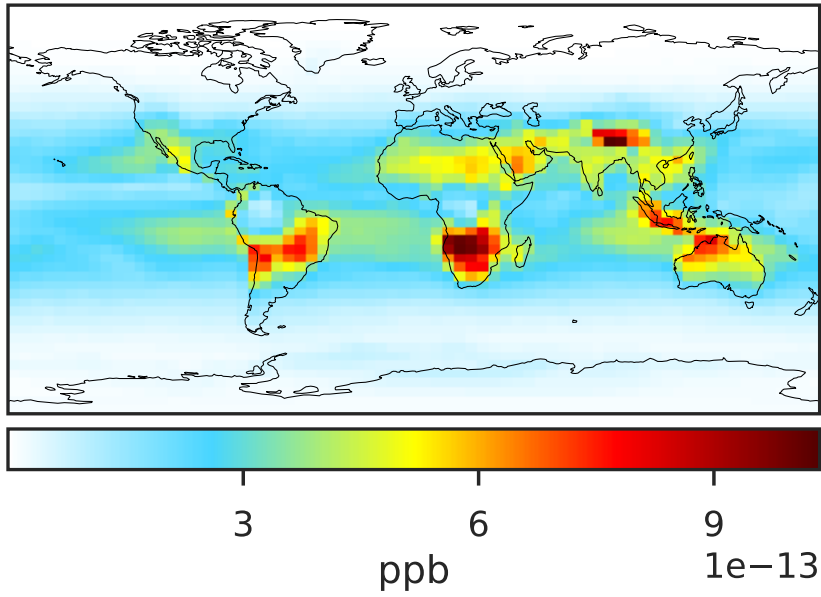
Ratio  
Dev/Ref, Fixed Range



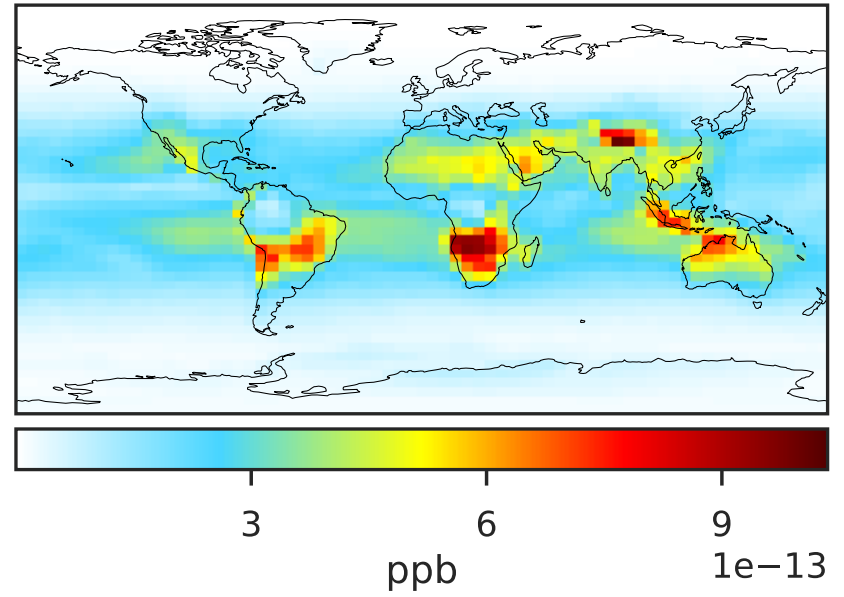
0.50 0.75 1.00 1.50 2.00  
unitless

# SpeciesConcVW\_01D (Oct2019)

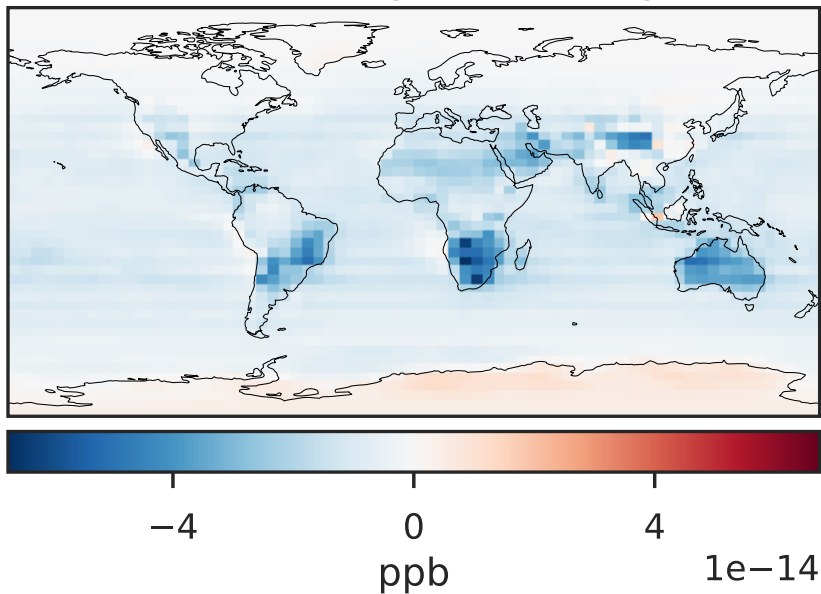
14.2.0-rc.2 (Ref)  
4.0x5.0



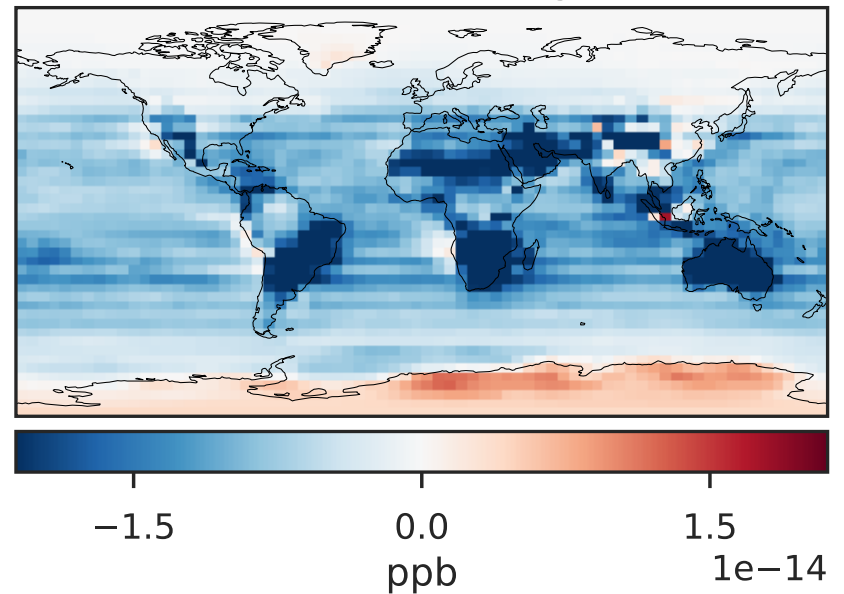
14.3.0-rc.0 (Dev)  
4.0x5.0



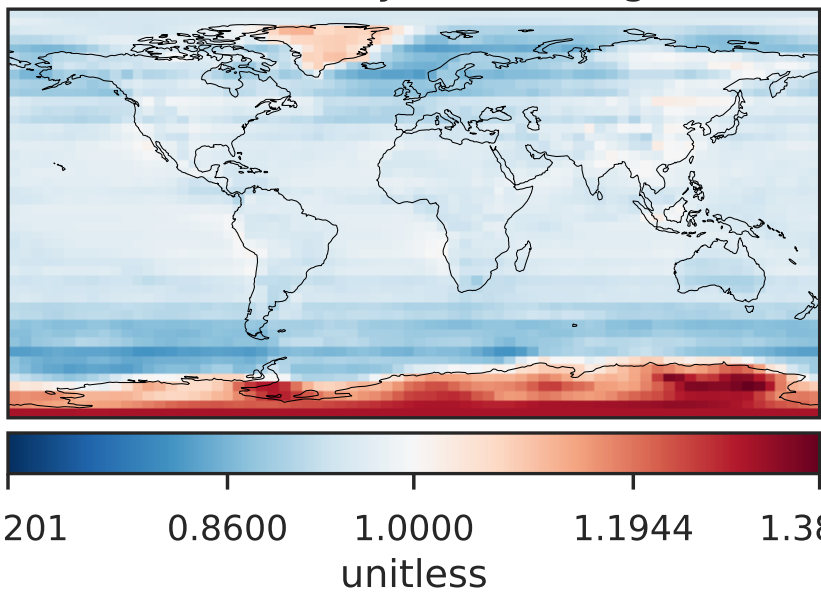
Difference  
Dev - Ref, Dynamic Range



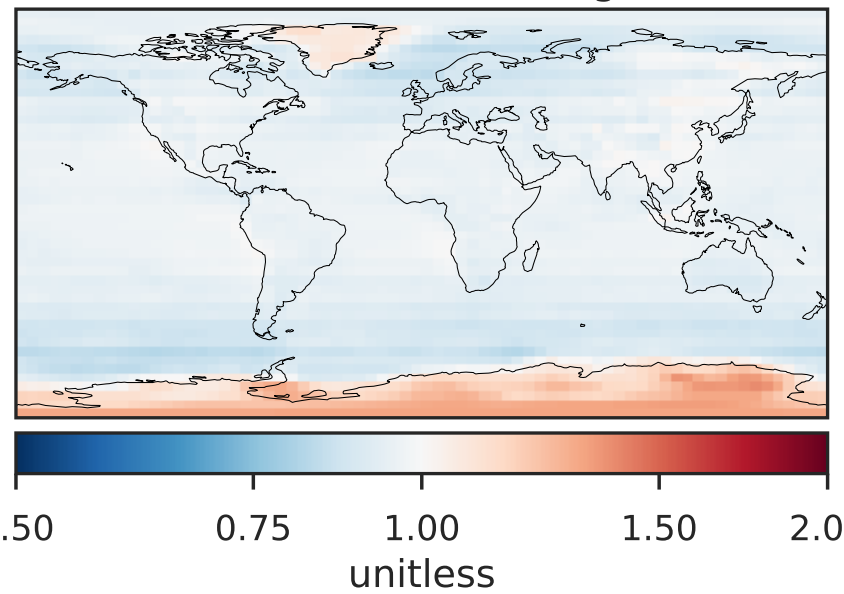
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

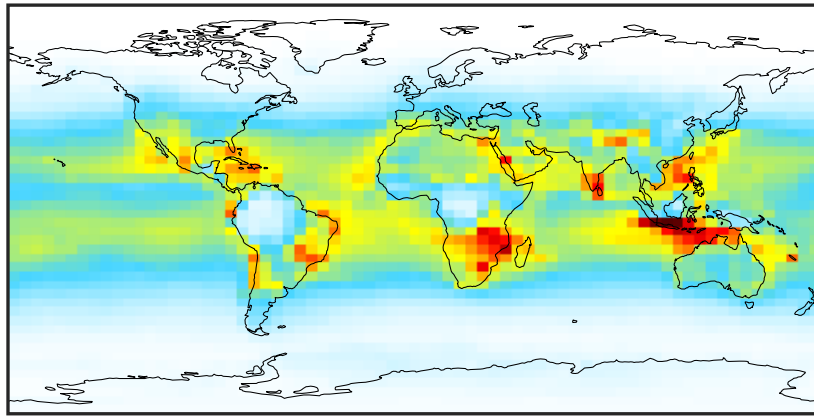


Ratio  
Dev/Ref, Fixed Range



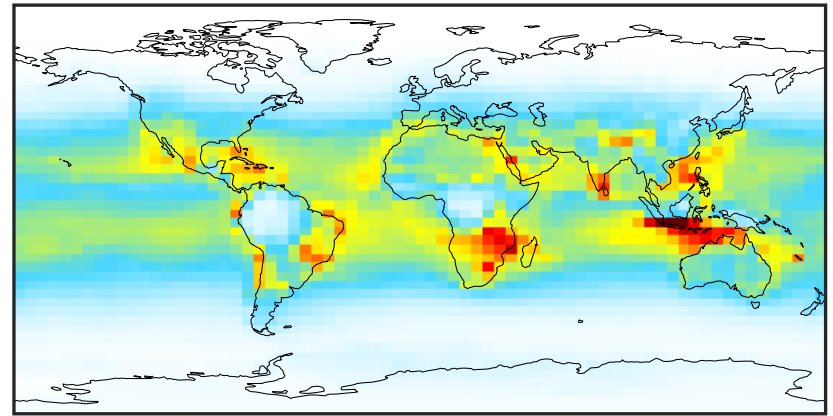
# SpeciesConcVV\_OH (Oct2019)

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



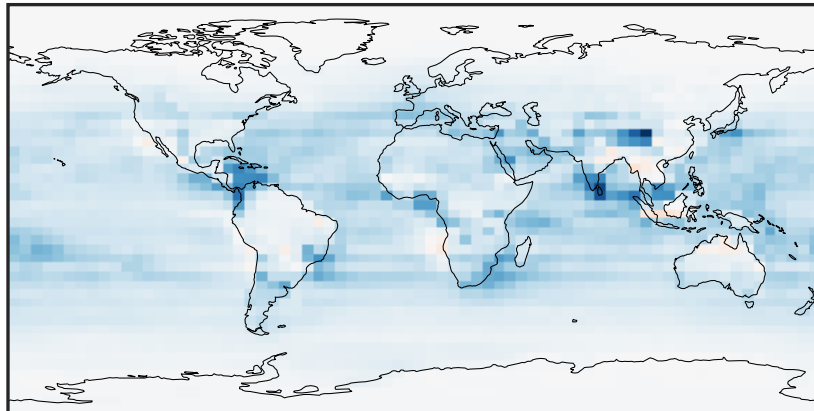
0.00006 0.00012 0.00018  
ppb

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



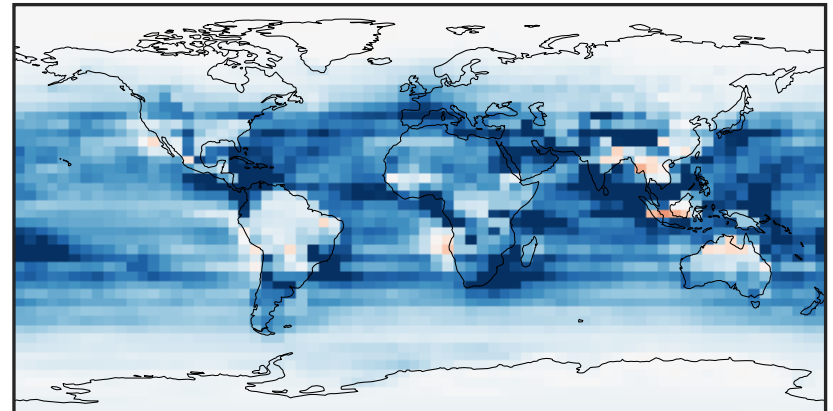
0.00006 0.00012 0.00018  
ppb

Difference  
Dev - Ref, Dynamic Range



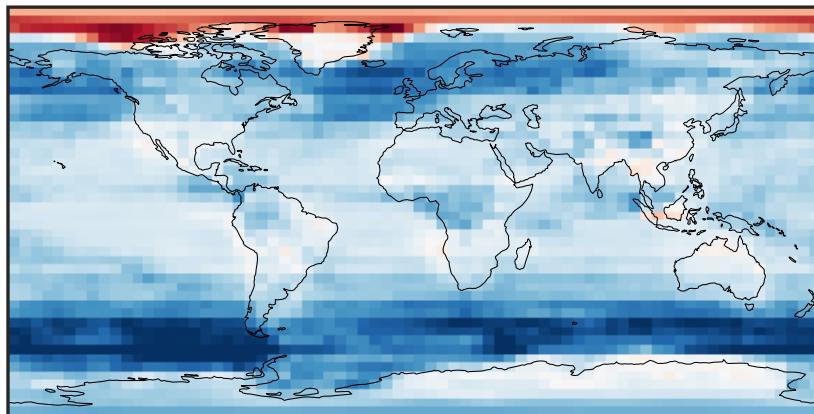
-5 0 5  
ppb  $1e-6$

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



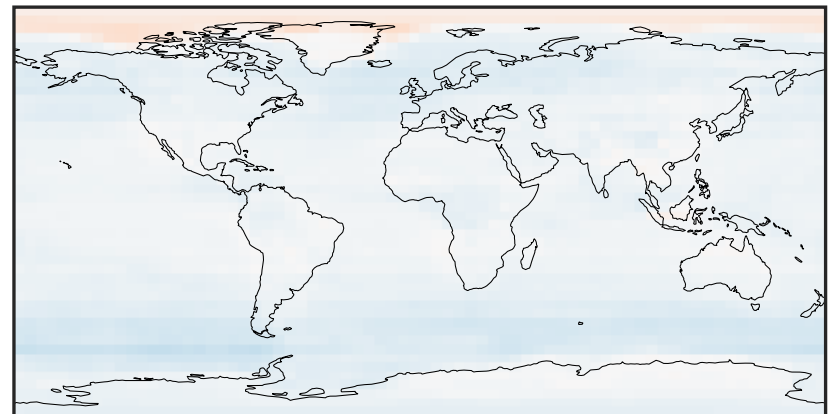
-2 0 2  
ppb  $1e-6$

Ratio  
Dev/Ref, Dynamic Range



0.8819 0.9410 1.0000 1.0669 1.1339  
unitless

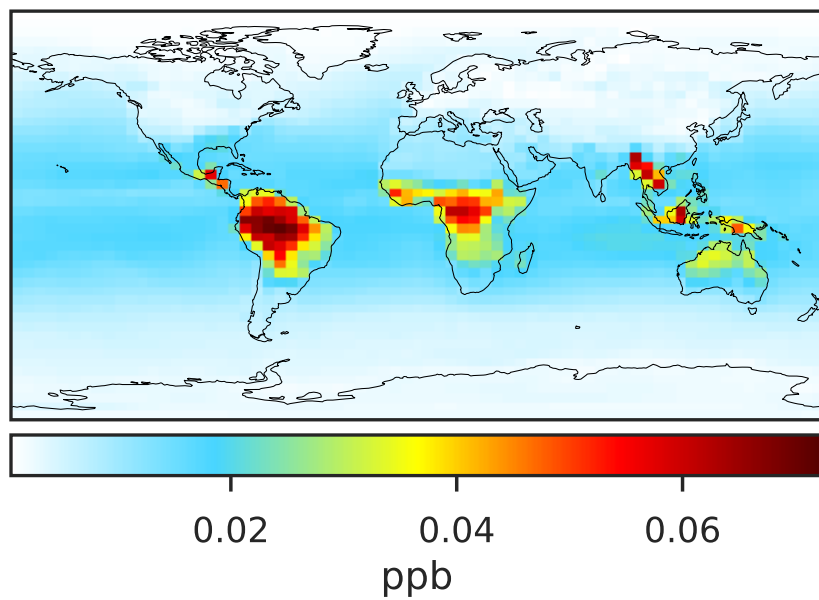
Ratio  
Dev/Ref, Fixed Range



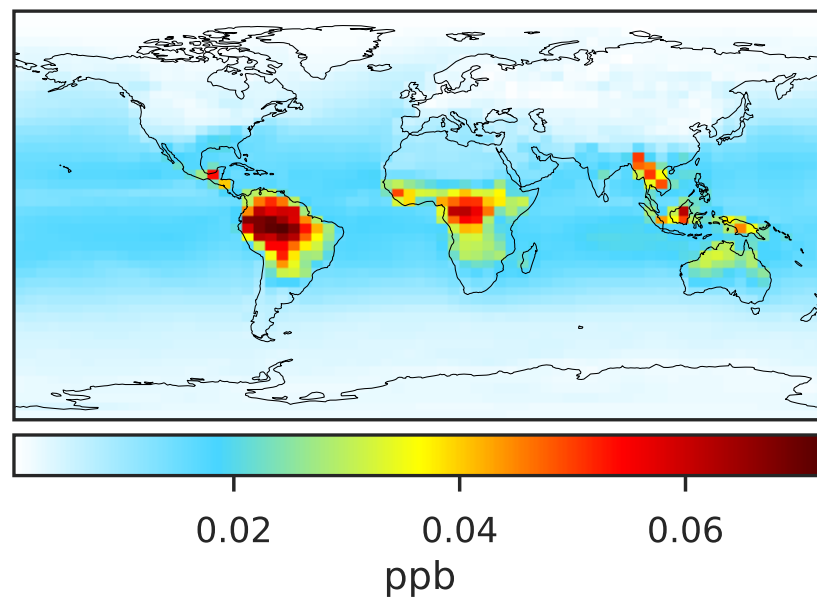
0.50 0.75 1.00 1.50 2.00  
unitless

# SpeciesConcVV\_R02 (Oct2019)

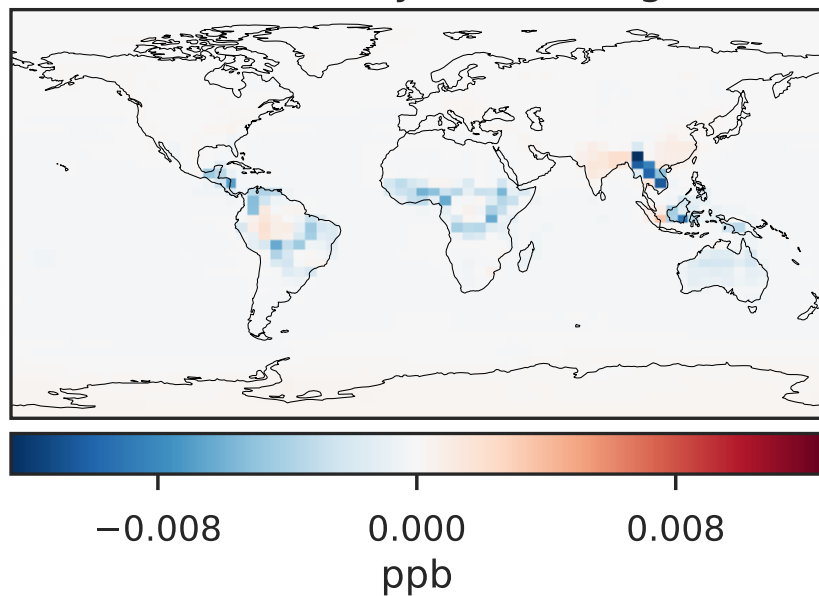
14.2.0-rc.2 (Ref)  
4.0x5.0



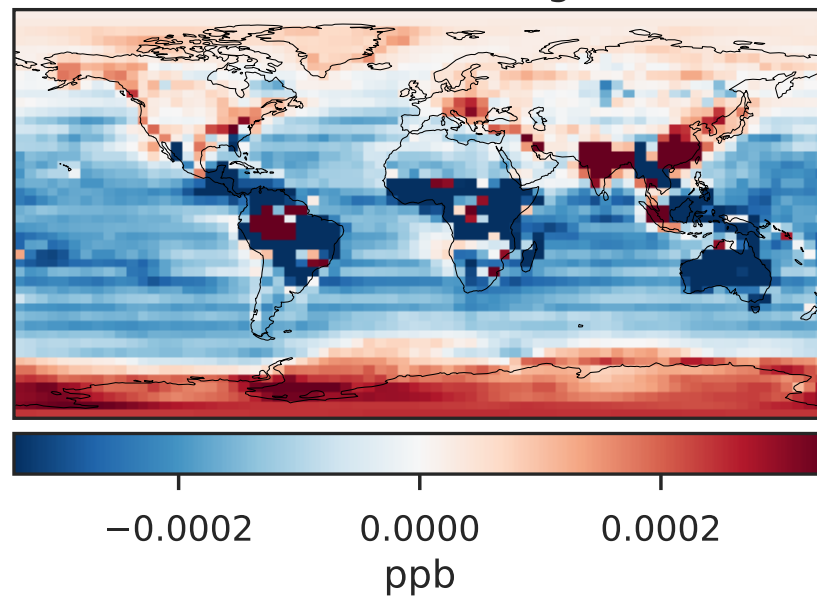
14.3.0-rc.0 (Dev)  
4.0x5.0



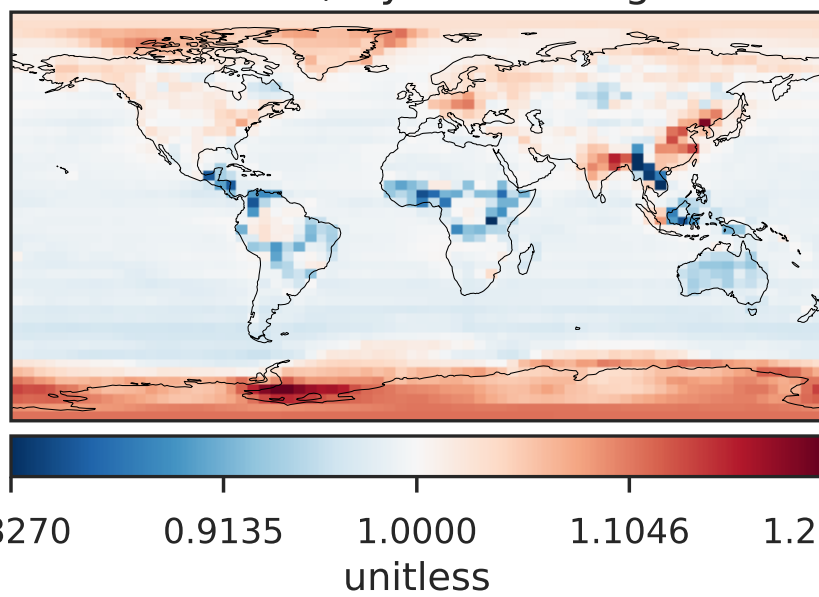
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range



Ratio  
Dev/Ref, Fixed Range

