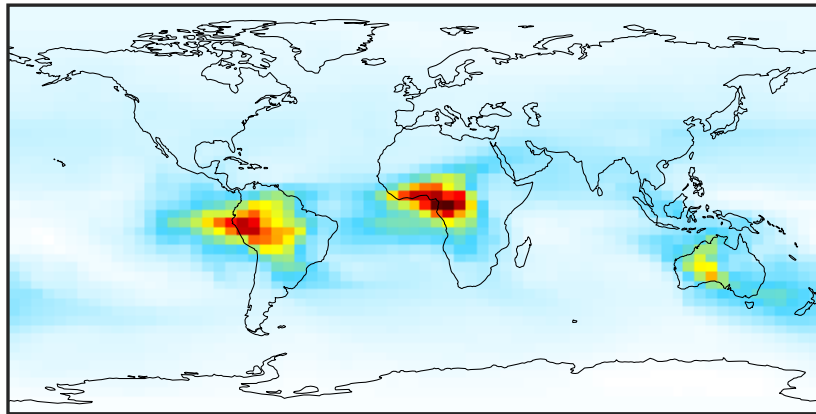


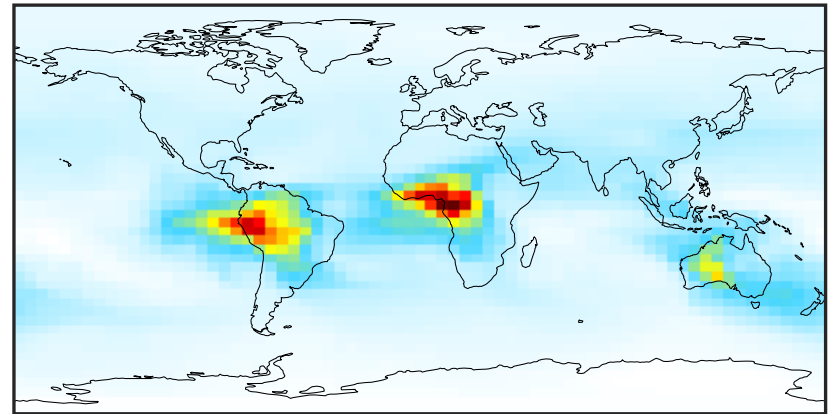
# SpeciesConcVV\_ACTA (Jan2019)

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



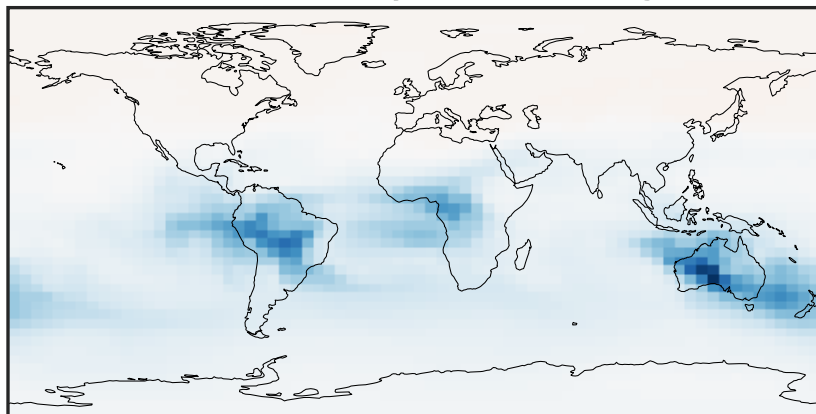
0.0059 0.0645 0.1232 0.1819 0.2406  
ppb

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



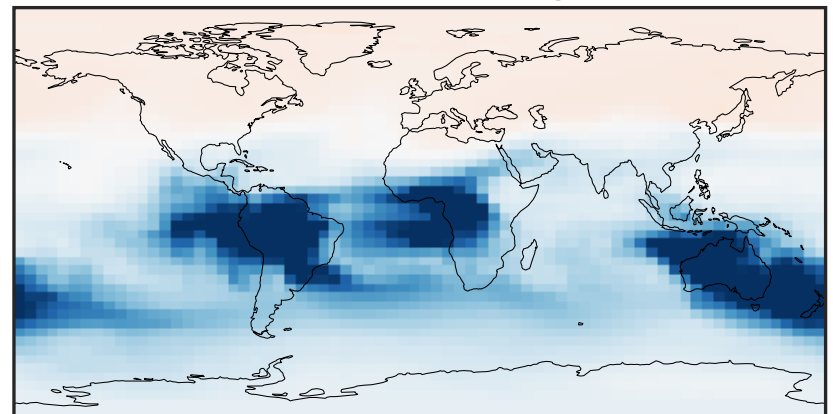
0.0059 0.0645 0.1232 0.1819 0.2406  
ppb

Difference  
Dev - Ref, Dynamic Range



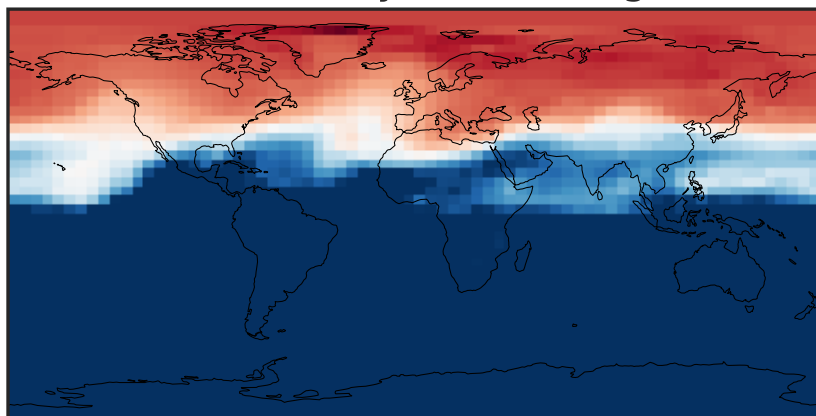
-0.005 0.000 0.005  
ppb

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



-0.002 0.000 0.002  
ppb

Ratio  
Dev/Ref, Dynamic Range



0.97364 0.98682 1.00000 1.01354 1.02708  
unitless

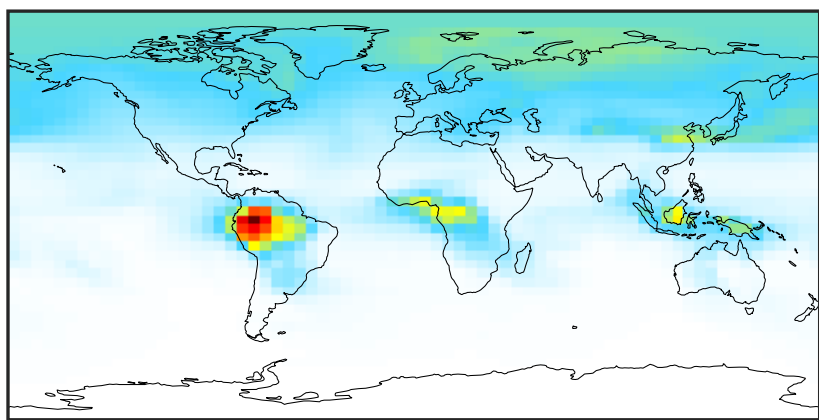
Ratio  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

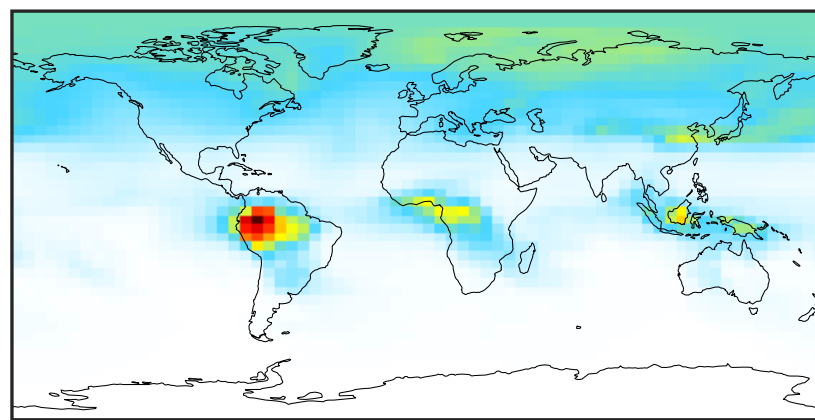
# SpeciesConcVV\_ALD2 (Jan2019)

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



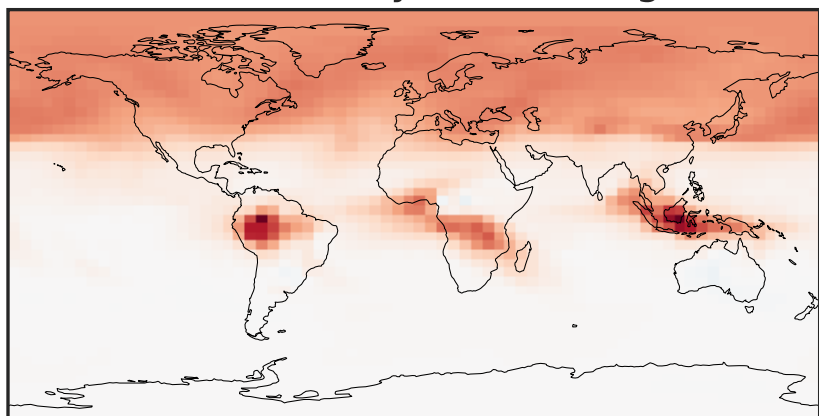
0.0002 0.0417 0.0831 0.1245 0.1659  
ppb

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



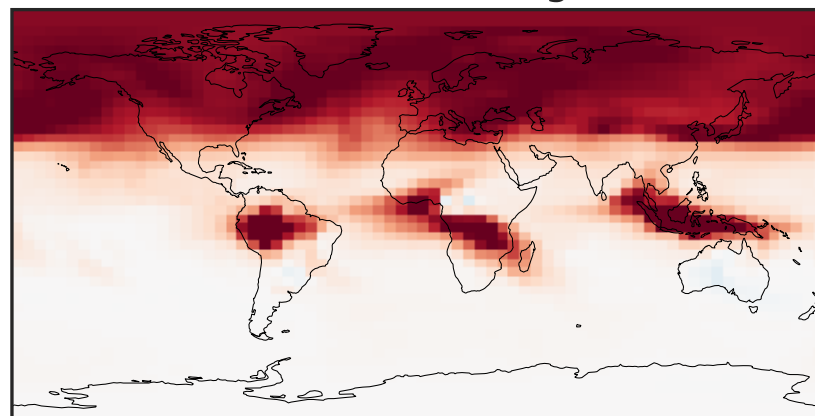
0.0002 0.0417 0.0831 0.1245 0.1659  
ppb

Difference  
Dev - Ref, Dynamic Range



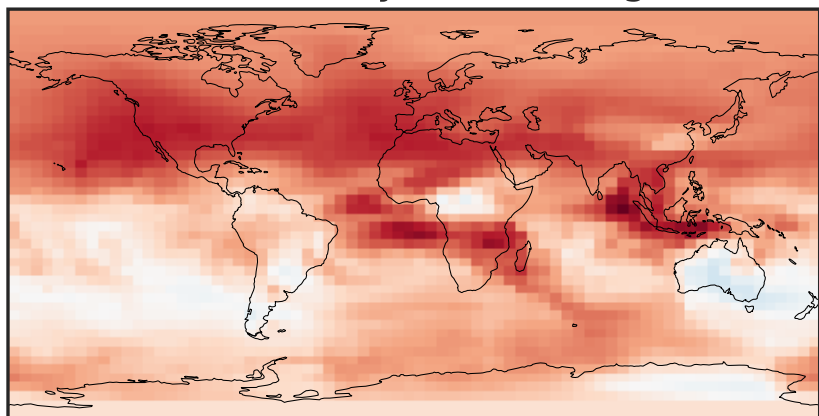
-0.003 0.000 0.003  
ppb

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



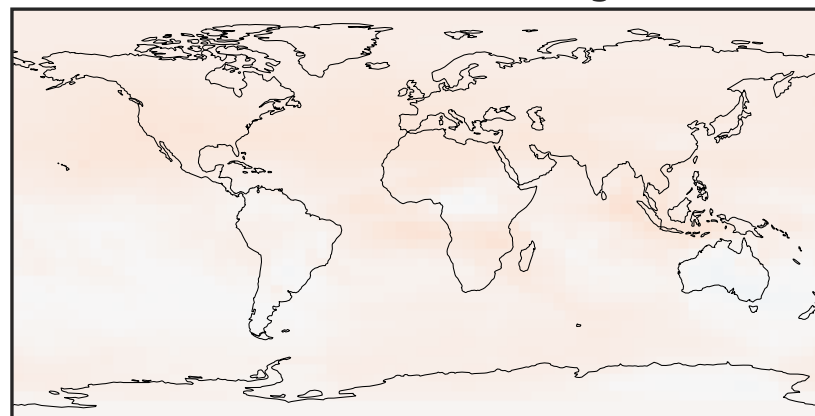
-0.0015 0.0000 0.0015  
ppb

Ratio  
Dev/Ref, Dynamic Range



0.9022 0.9511 1.0000 1.0542 1.1084  
unitless

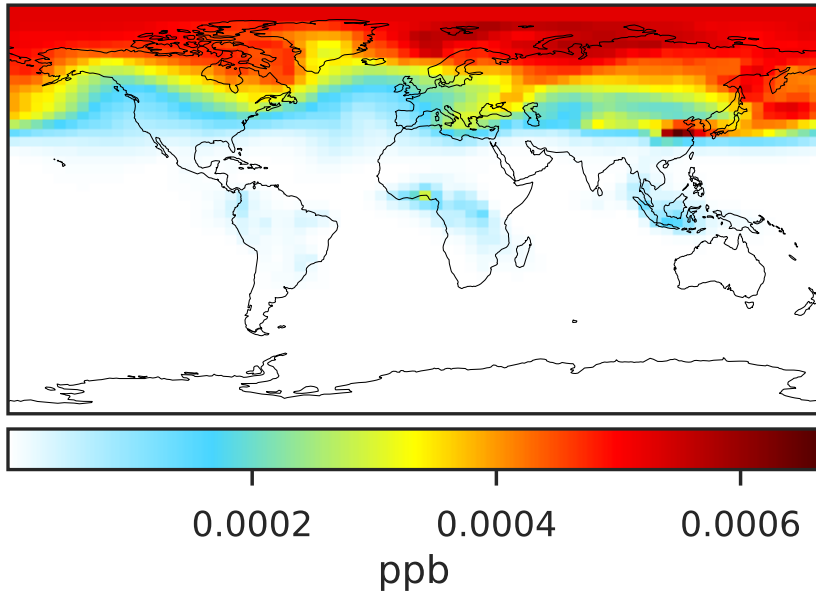
Ratio  
Dev/Ref, Fixed Range



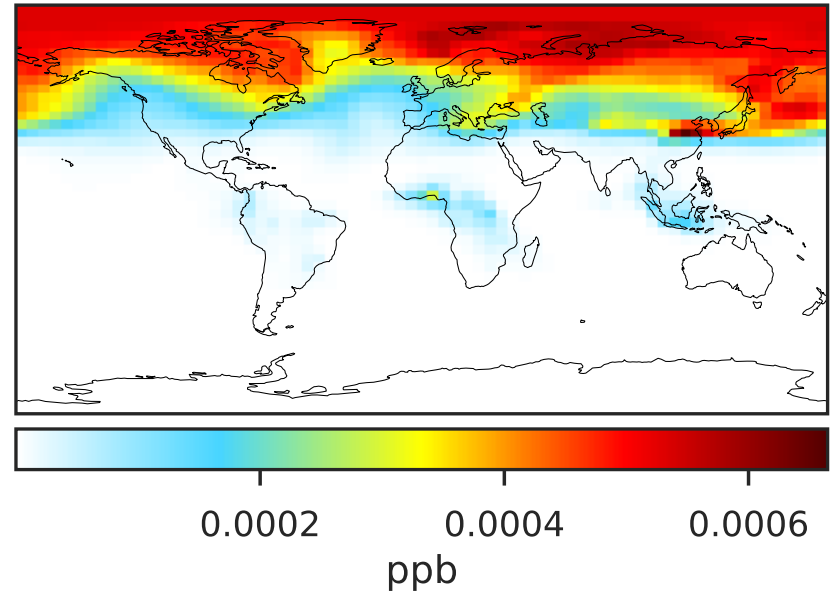
0.50 0.75 1.00 1.50 2.00  
unitless

# SpeciesConcVV\_BALD (Jan2019)

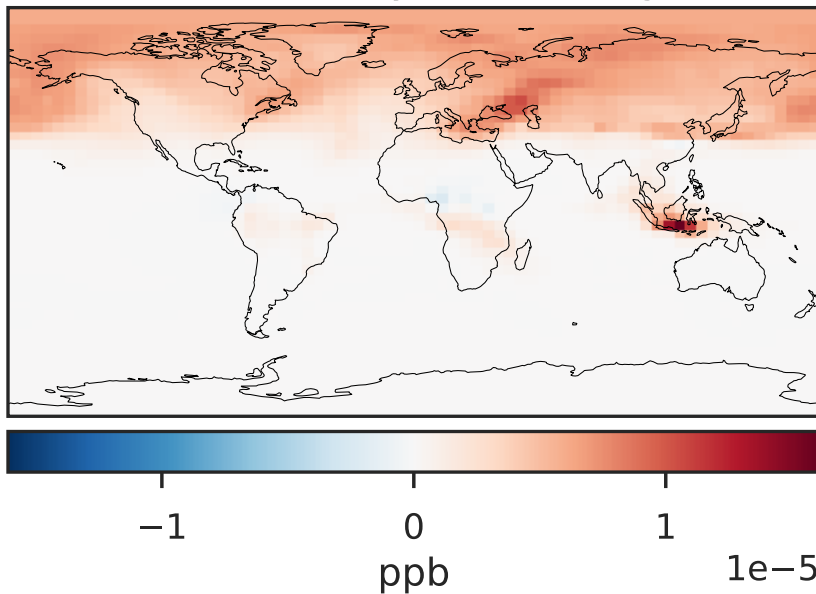
14.2.0-rc.2 (Ref)  
4.0x5.0



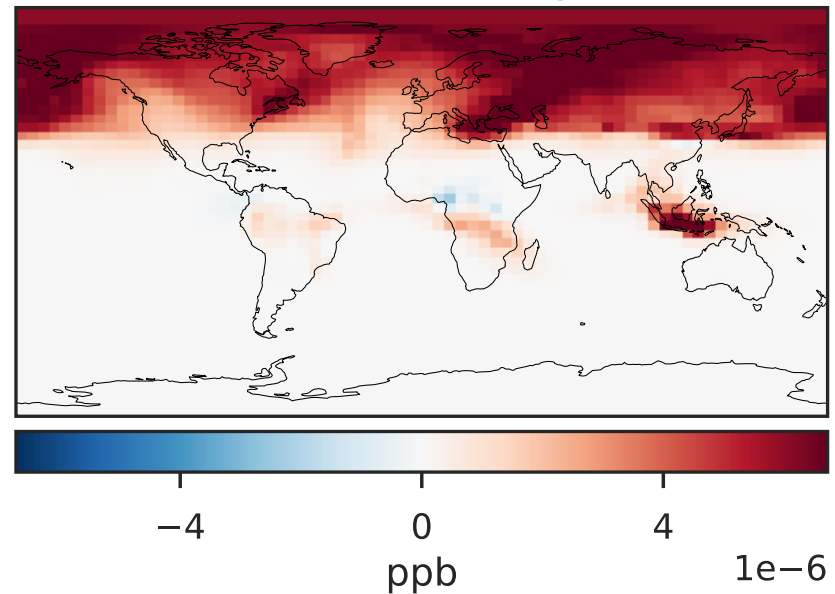
14.3.0-rc.0 (Dev)  
4.0x5.0



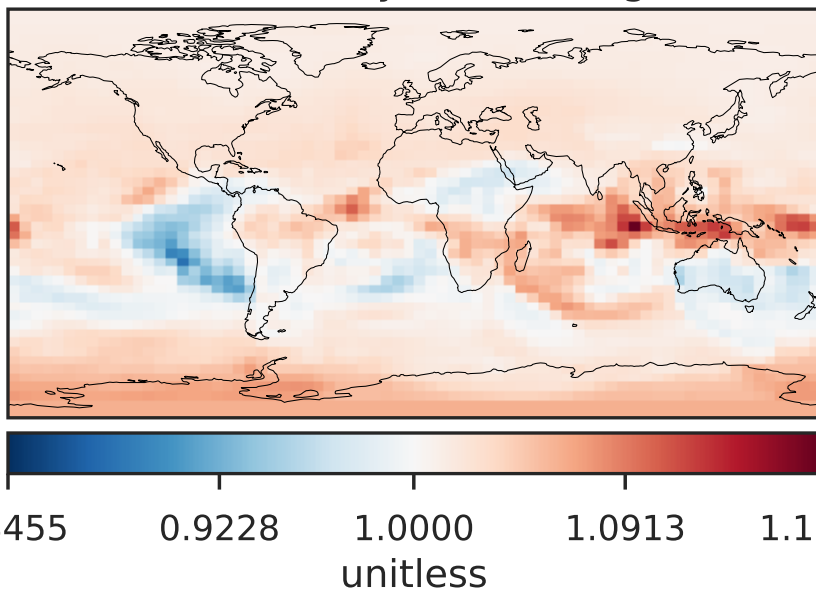
Difference  
Dev - Ref, Dynamic Range



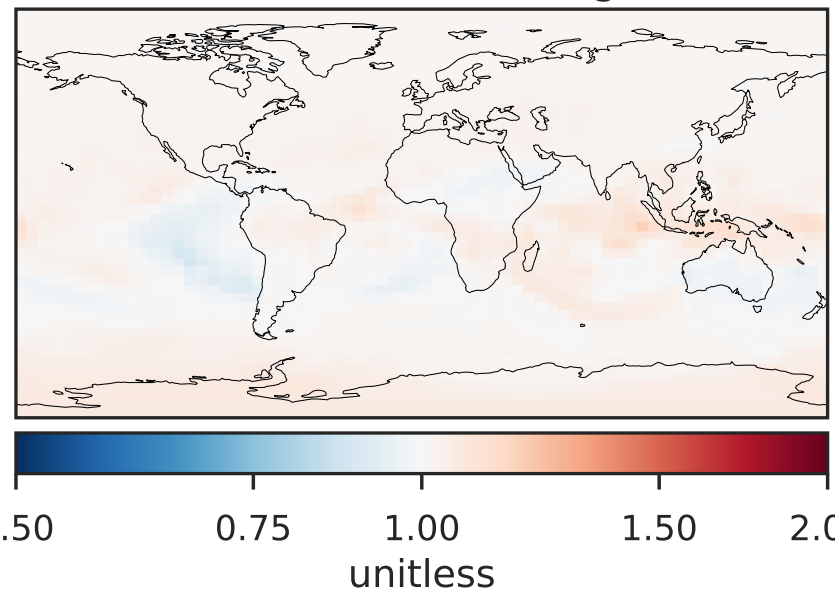
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

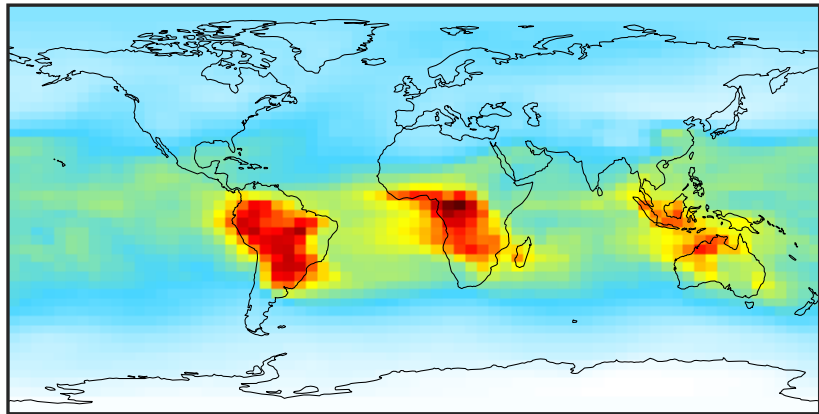


Ratio  
Dev/Ref, Fixed Range



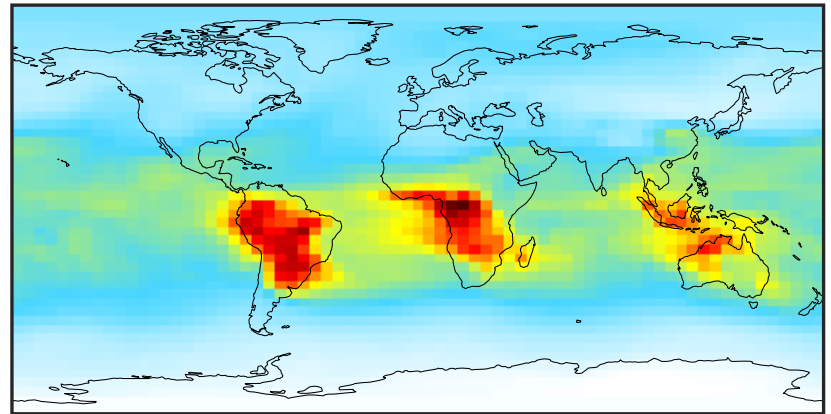
# SpeciesConcVV\_CH20 (Jan2019)

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



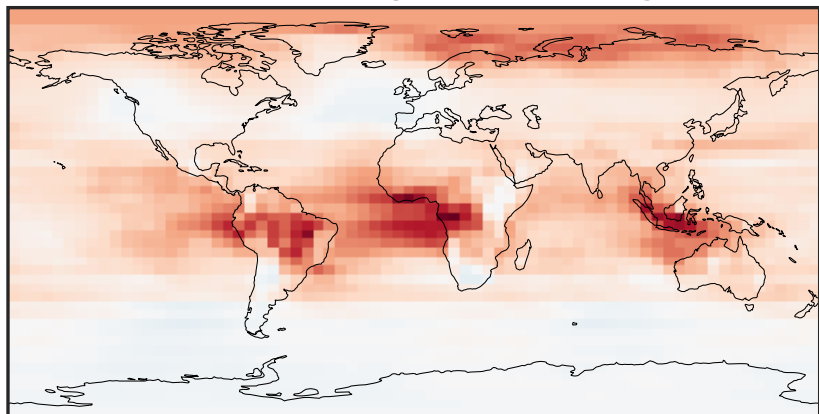
0.0158 0.1108 0.2058 0.3008 0.3958  
ppb

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



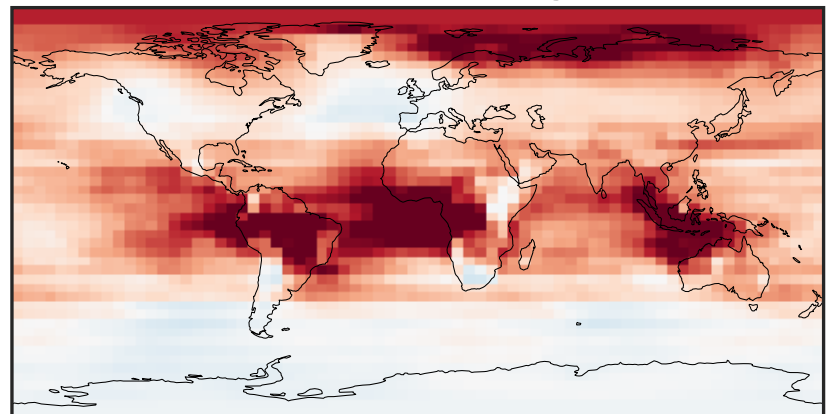
0.0158 0.1108 0.2058 0.3008 0.3958  
ppb

Difference  
Dev - Ref, Dynamic Range



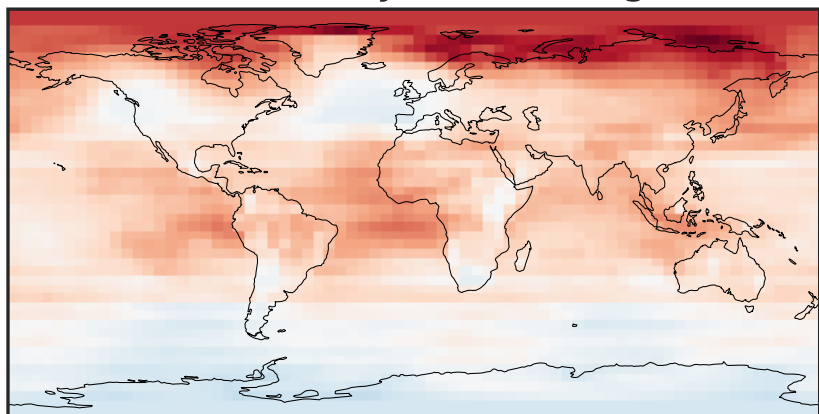
-0.004 0.000 0.004  
ppb

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



-0.002 0.000 0.002  
ppb

Ratio  
Dev/Ref, Dynamic Range



0.9486 0.9743 1.0000 1.0271 1.0542  
unitless

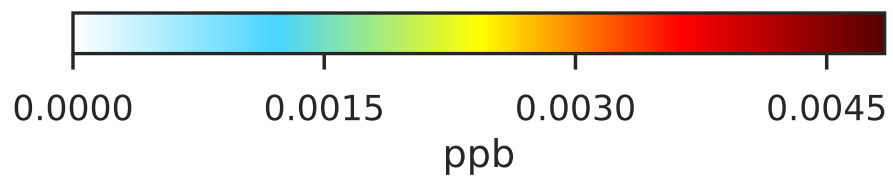
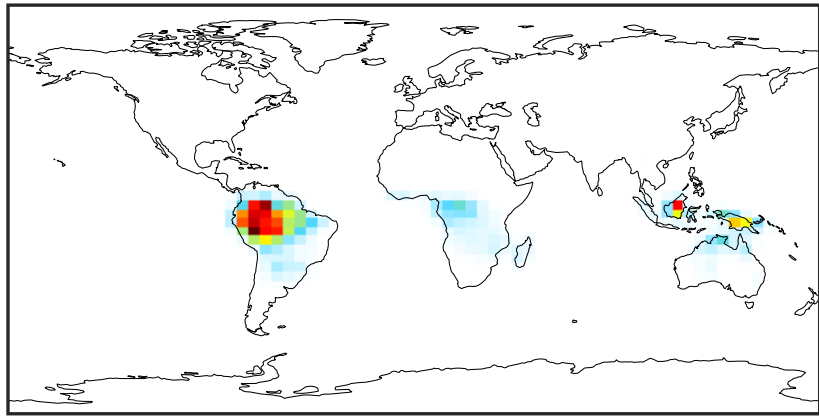
Ratio  
Dev/Ref, Fixed Range



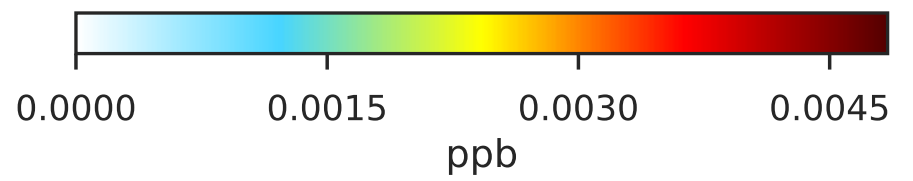
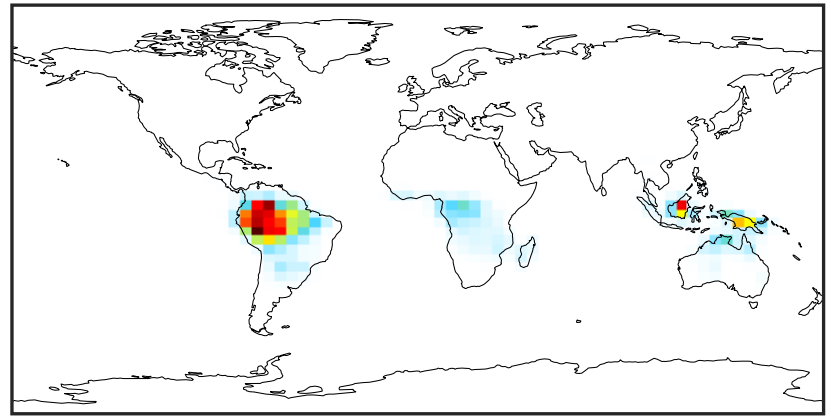
0.50 0.75 1.00 1.50 2.00  
unitless

# SpeciesConcVW\_HPALDs (Jan2019)

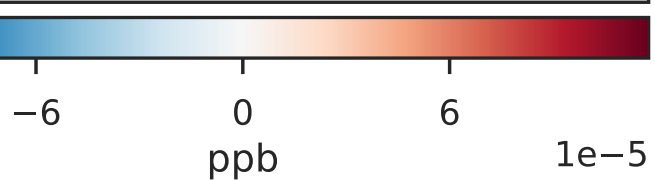
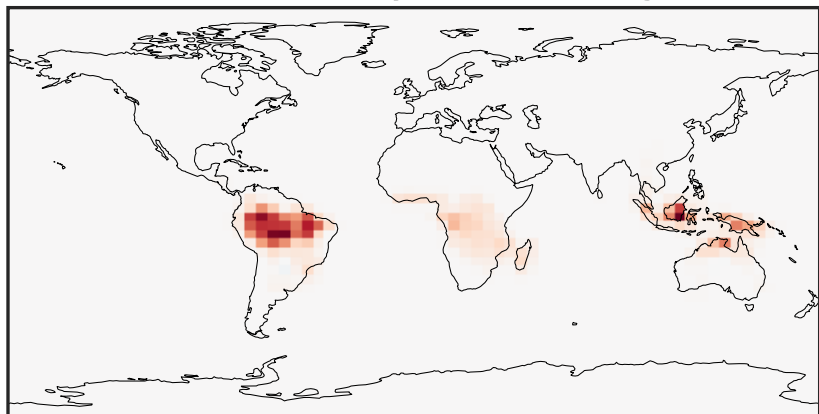
14.2.0-rc.2 (Ref)  
4.0x5.0



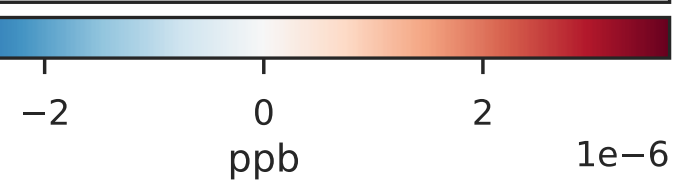
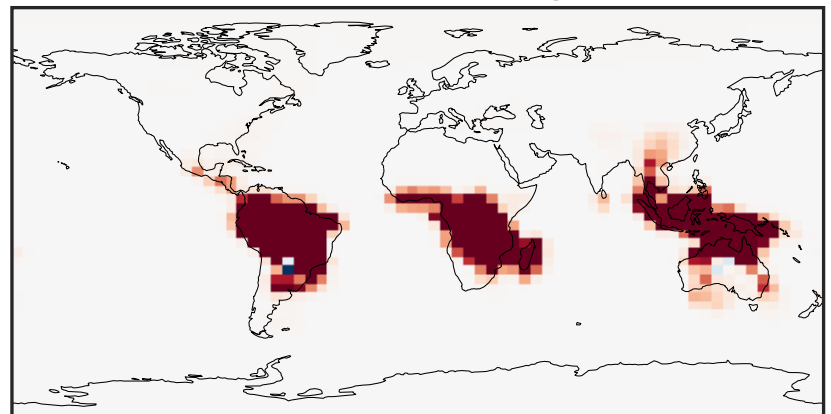
14.3.0-rc.0 (Dev)  
4.0x5.0



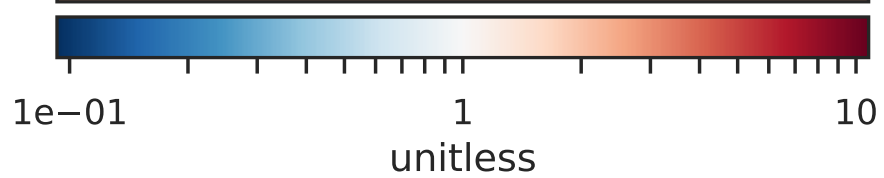
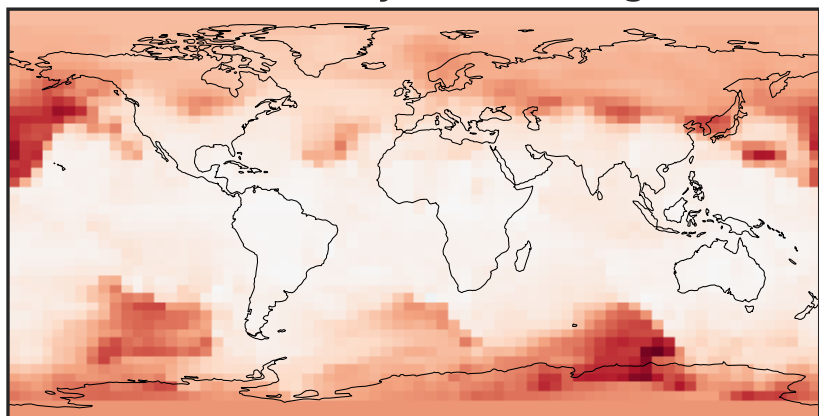
Difference  
Dev - Ref, Dynamic Range



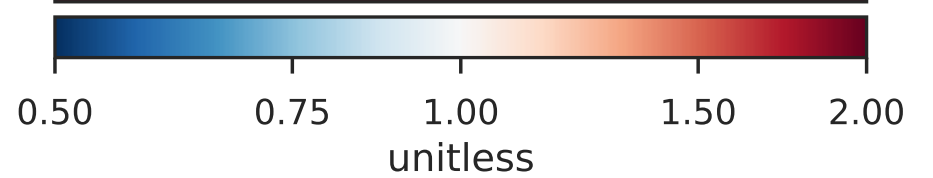
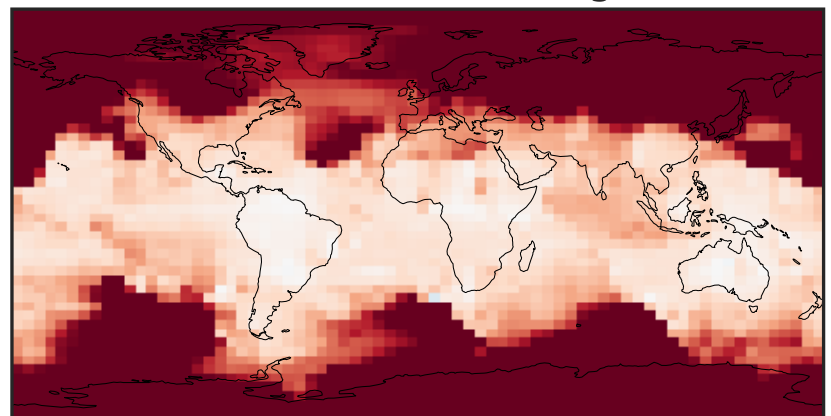
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

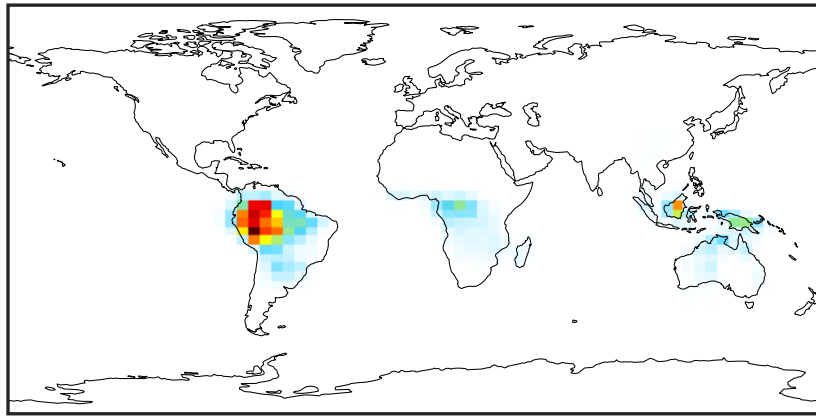


Ratio  
Dev/Ref, Fixed Range



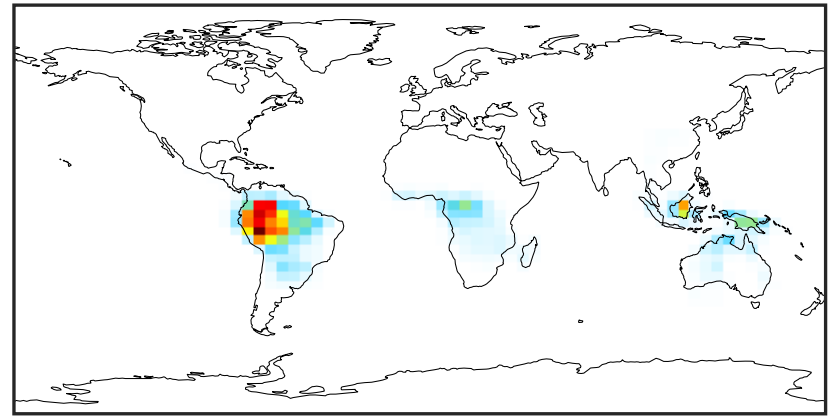
# SpeciesConcVV\_MACR (Jan2019)

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



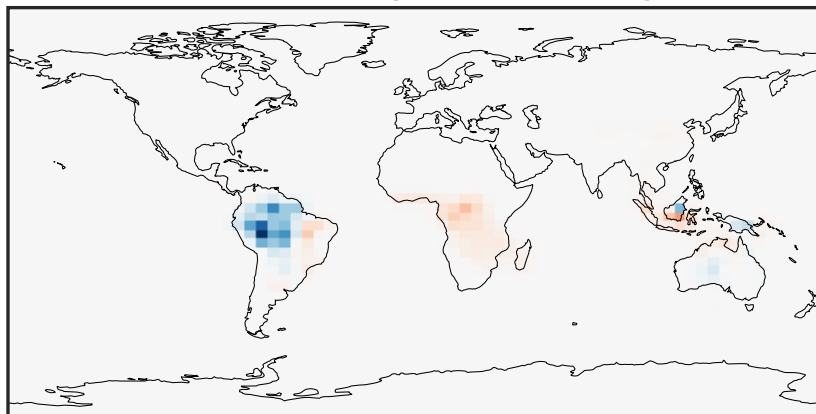
0.000 0.015 0.030 0.045  
ppb

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



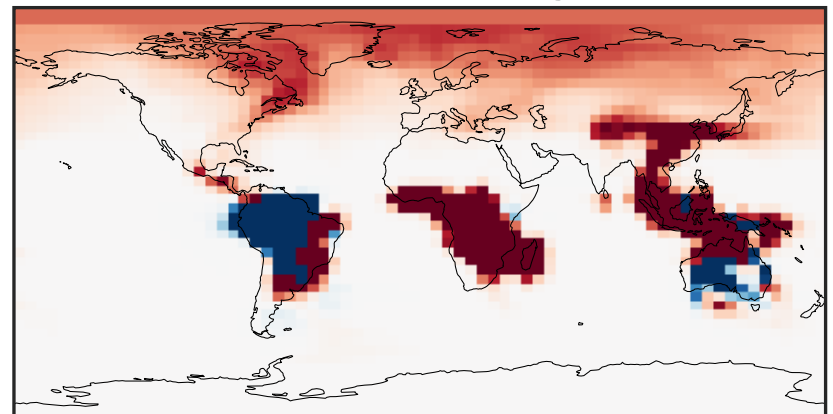
0.000 0.015 0.030 0.045  
ppb

Difference  
Dev - Ref, Dynamic Range



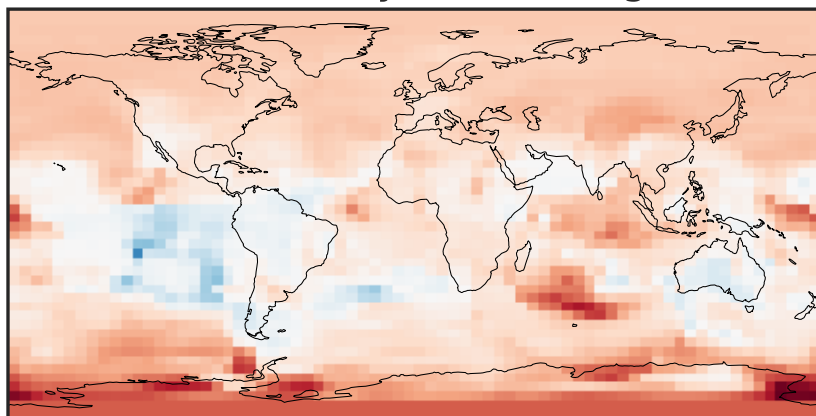
-0.001 0.000 0.001  
ppb

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



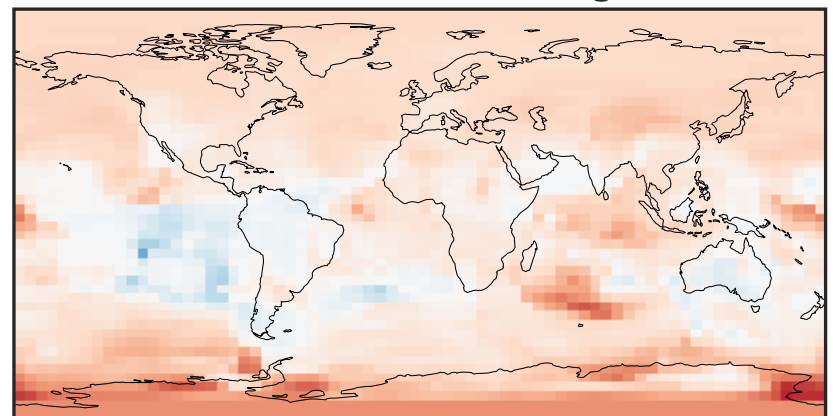
-8 0 8  
ppb  $1e-6$

Ratio  
Dev/Ref, Dynamic Range



0.590 0.795 1.000 1.347 1.694  
unitless

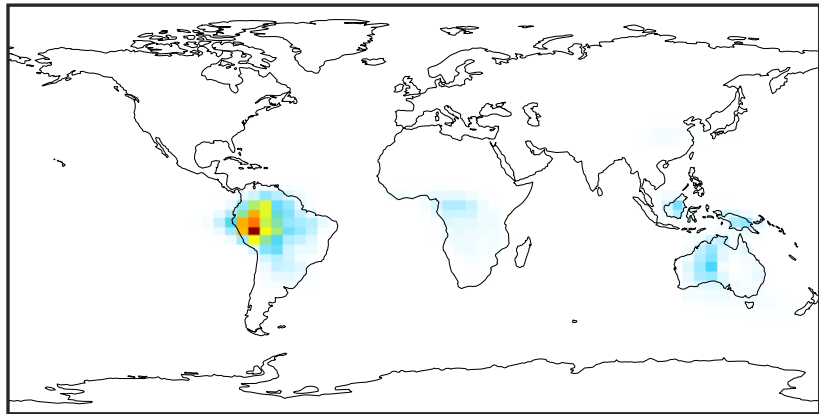
Ratio  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

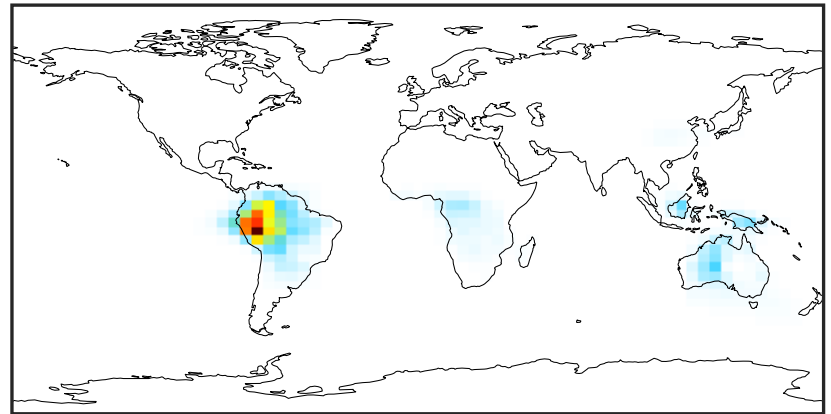
# SpeciesConcVV\_IEPOX (Jan2019)

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



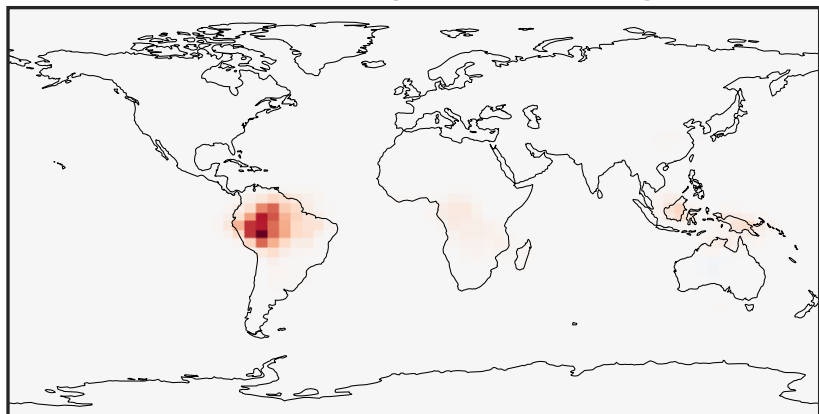
0.0000 0.0271 0.0543 0.0814 0.1086  
ppb

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



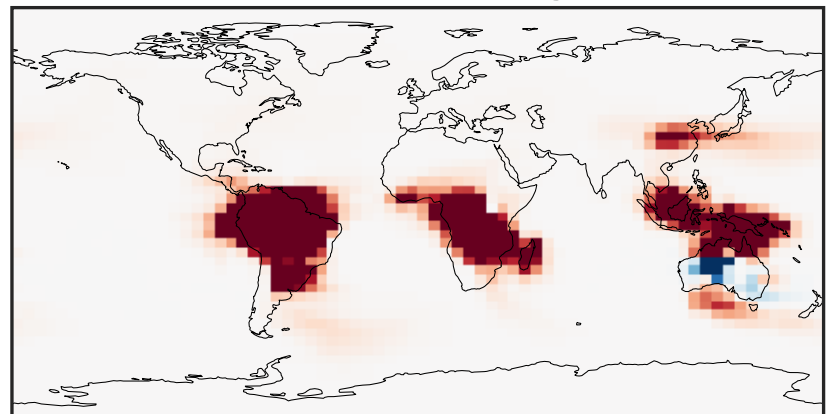
0.0000 0.0271 0.0543 0.0814 0.1086  
ppb

Difference  
Dev - Ref, Dynamic Range



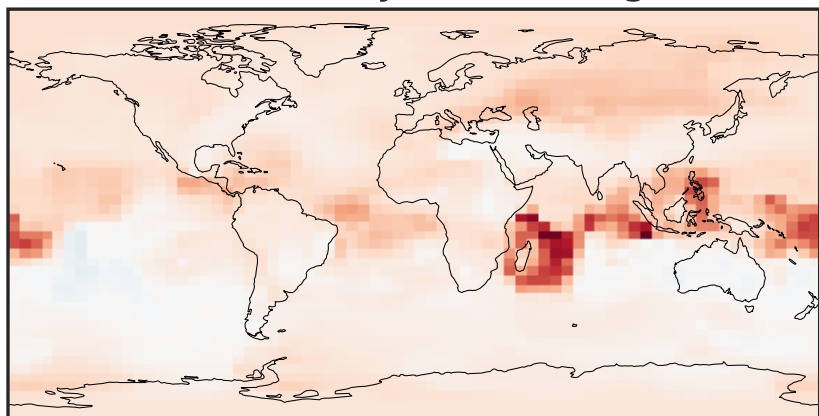
-0.005 0.000 0.005  
ppb

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



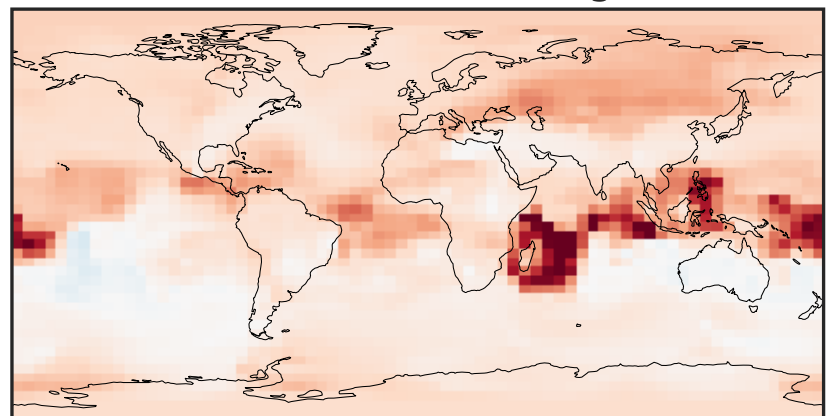
-6 0 6  
ppb  $1e-5$

Ratio  
Dev/Ref, Dynamic Range



0.377 0.688 1.000 1.828 2.656  
unitless

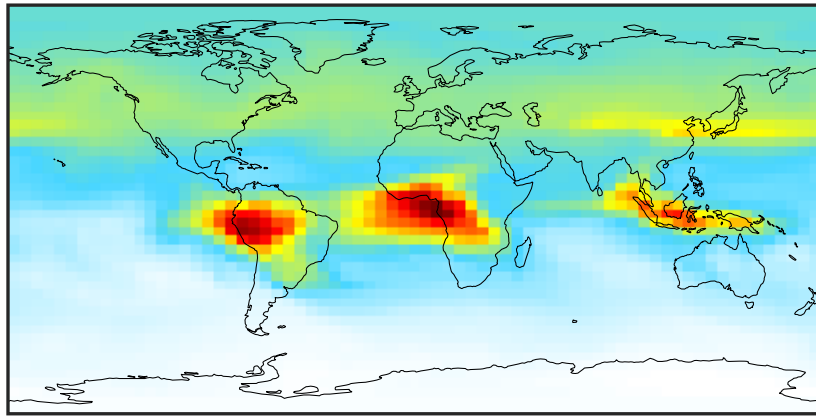
Ratio  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

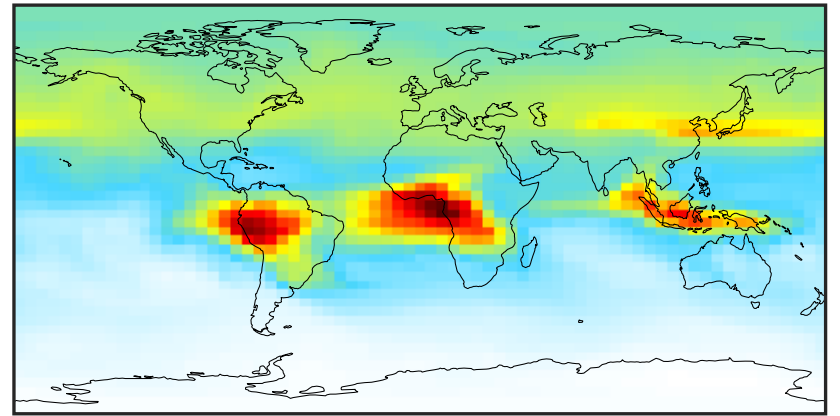
# SpeciesConcVV\_ACET (Jan2019)

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



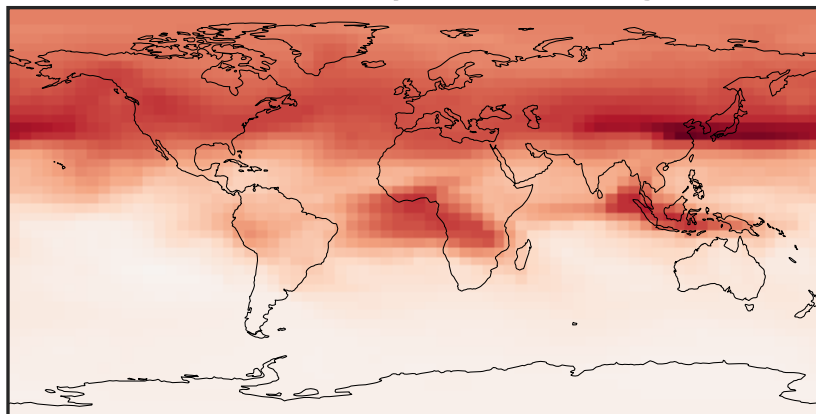
0.154 0.536 0.917 1.299 1.680  
ppb

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



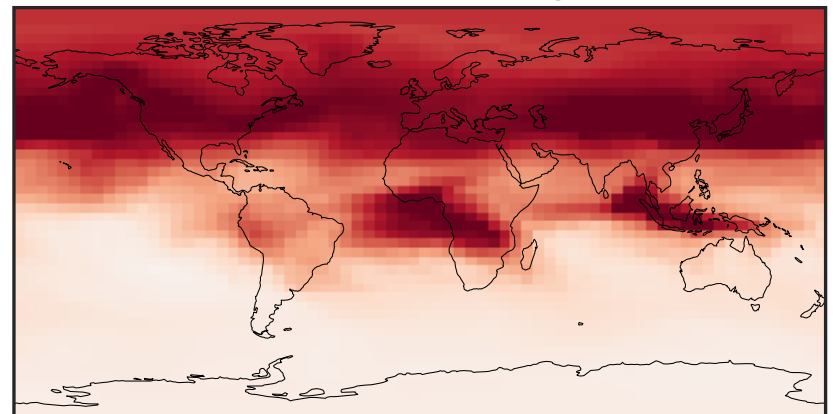
0.154 0.536 0.917 1.299 1.680  
ppb

Difference  
Dev - Ref, Dynamic Range



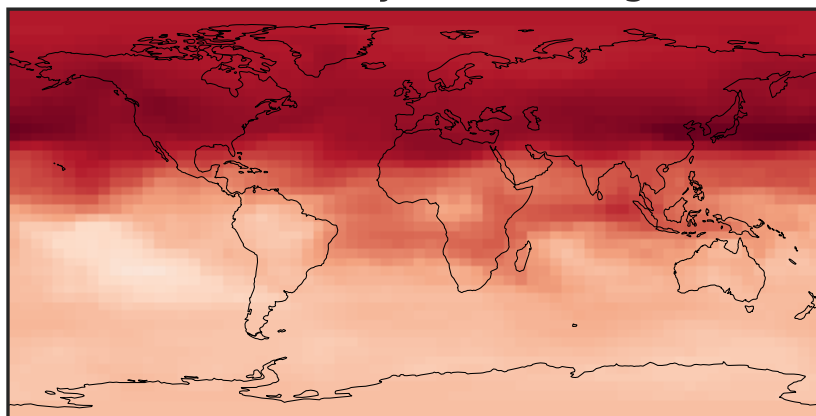
-0.0784 -0.0392 0.0000 0.0392 0.0784  
ppb

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



-0.0536 -0.0268 0.0000 0.0268 0.0536  
ppb

Ratio  
Dev/Ref, Dynamic Range



0.9243 0.9621 1.0000 1.0410 1.0819  
unitless

Ratio  
Dev/Ref, Fixed Range

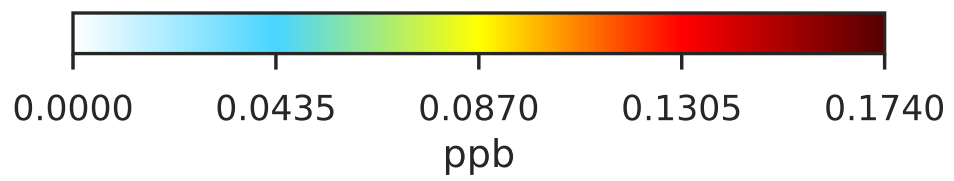
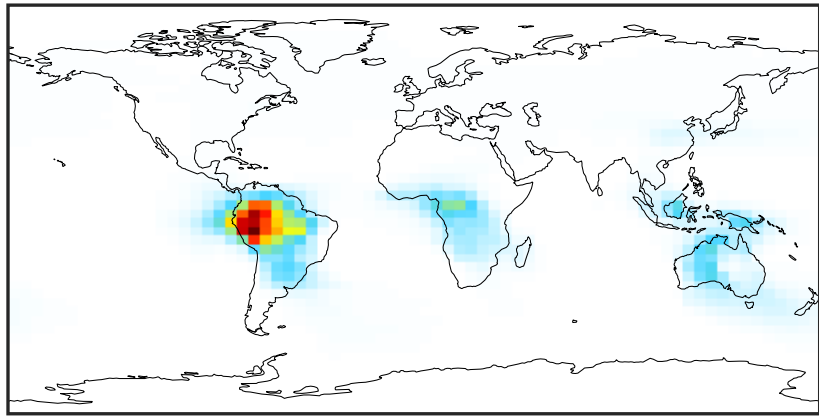


0.50 0.75 1.00 1.50 2.00  
unitless

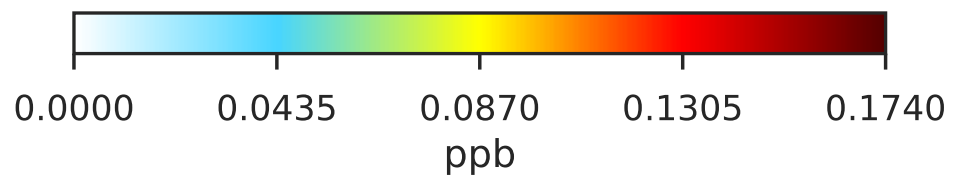
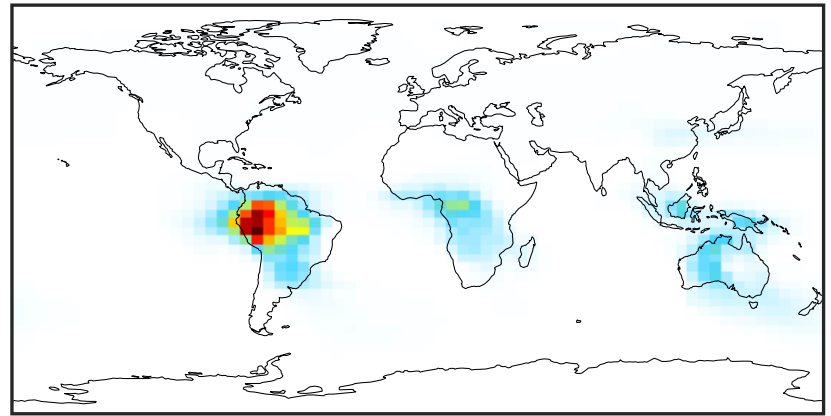


# SpeciesConcVV\_HAC (Jan2019)

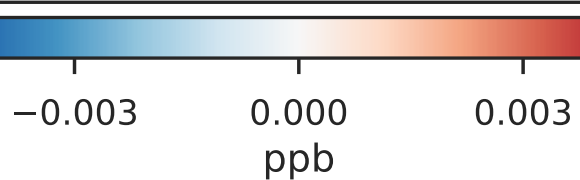
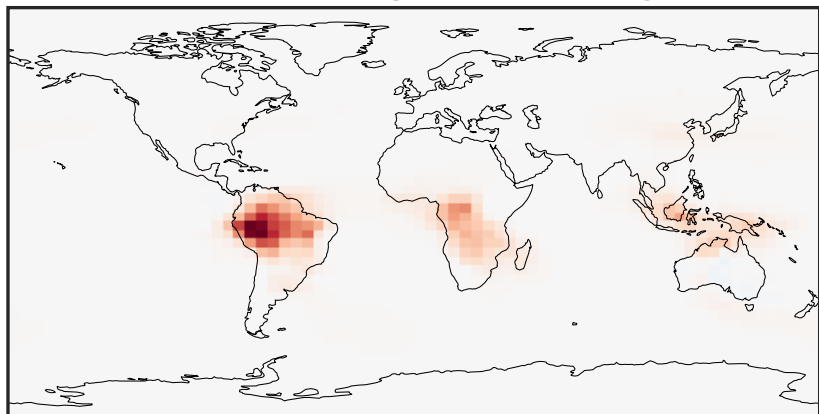
14.2.0-rc.2 (Ref)  
4.0x5.0



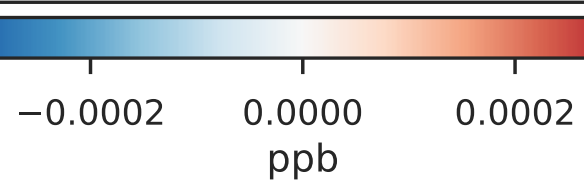
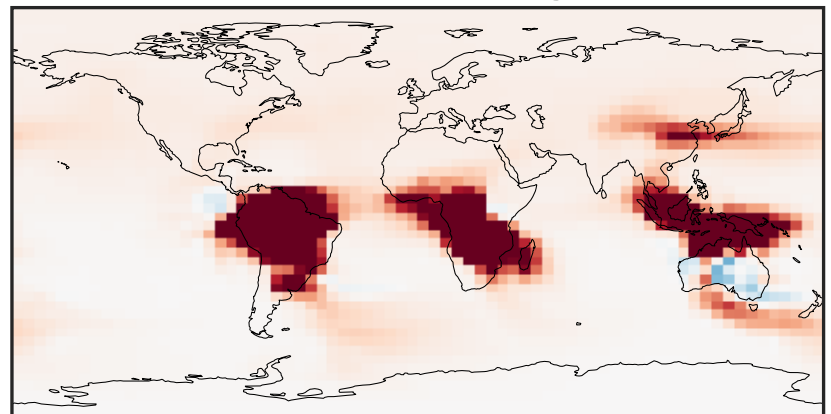
14.3.0-rc.0 (Dev)  
4.0x5.0



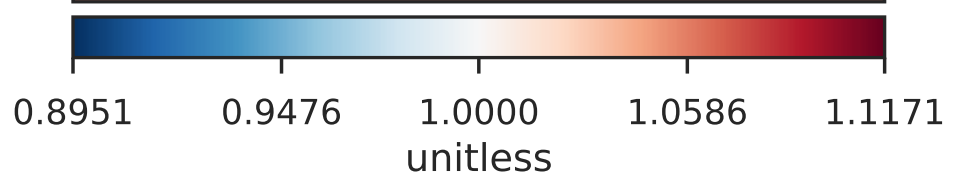
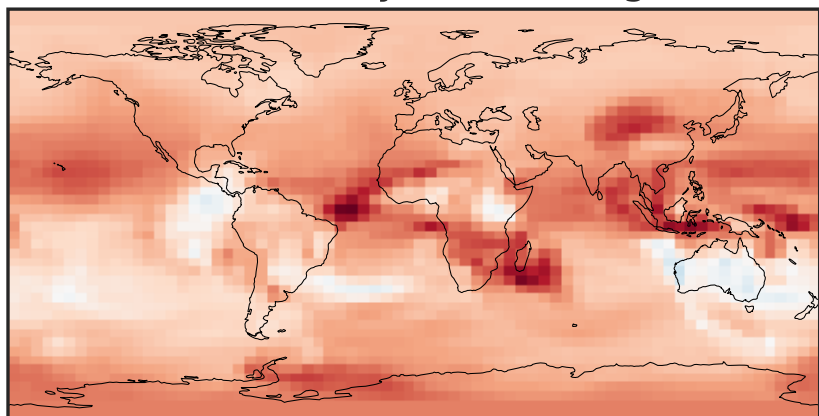
Difference  
Dev - Ref, Dynamic Range



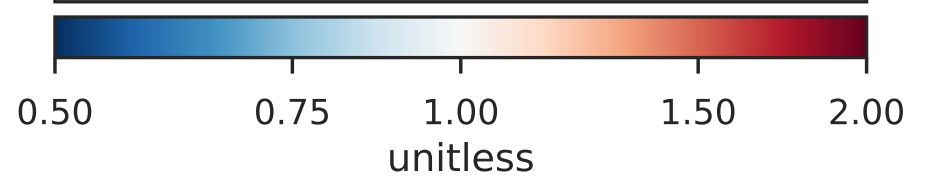
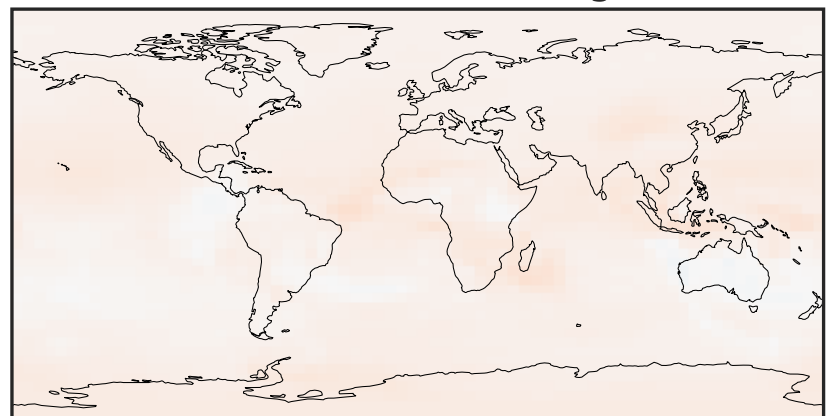
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

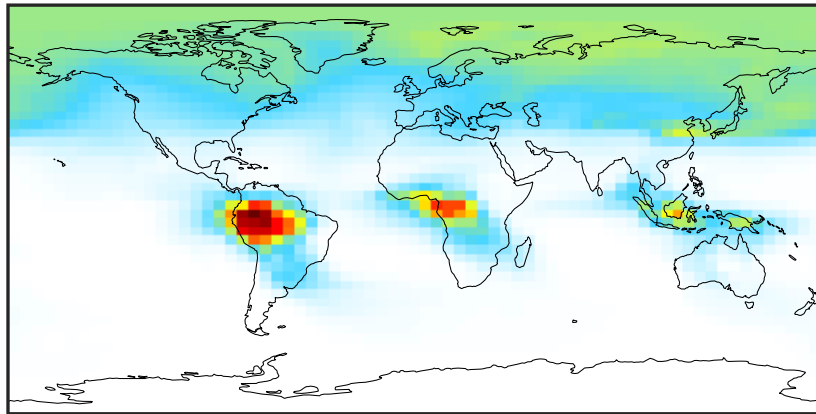


Ratio  
Dev/Ref, Fixed Range



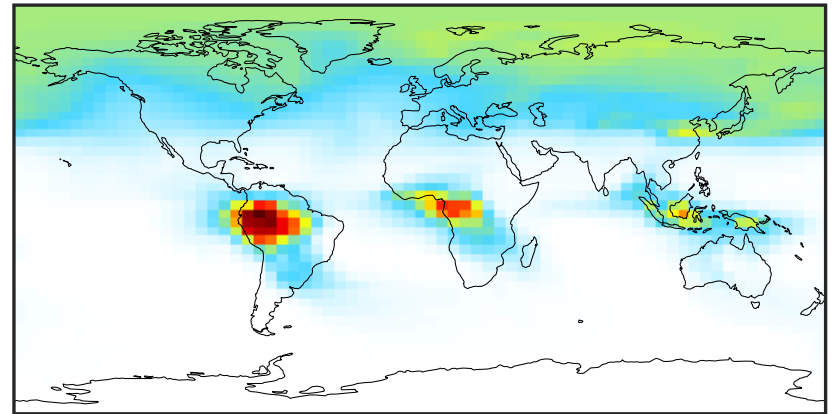
# SpeciesConcVV\_MEK (Jan2019)

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



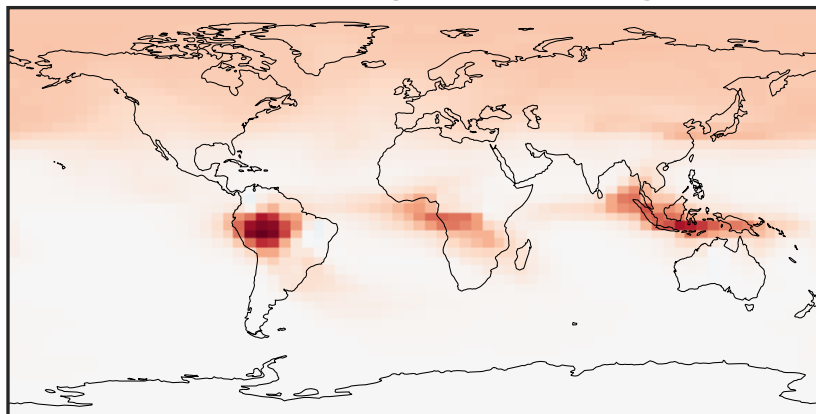
0.0000 0.0469 0.0938 0.1407 0.1876  
ppb

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



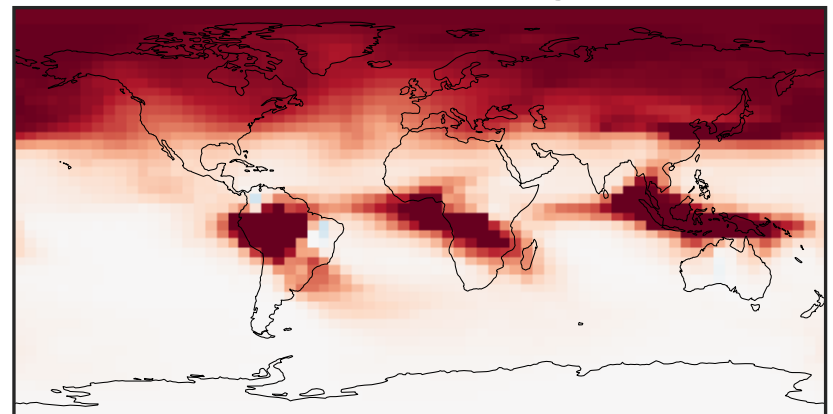
0.0000 0.0469 0.0938 0.1407 0.1876  
ppb

Difference  
Dev - Ref, Dynamic Range



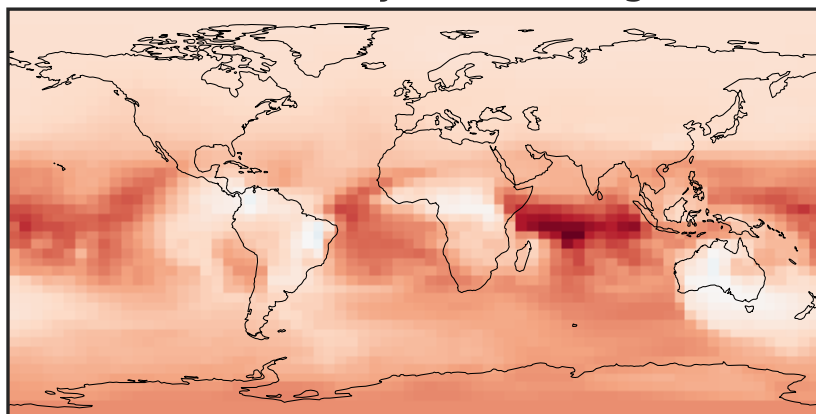
-0.004 0.000 0.004  
ppb

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



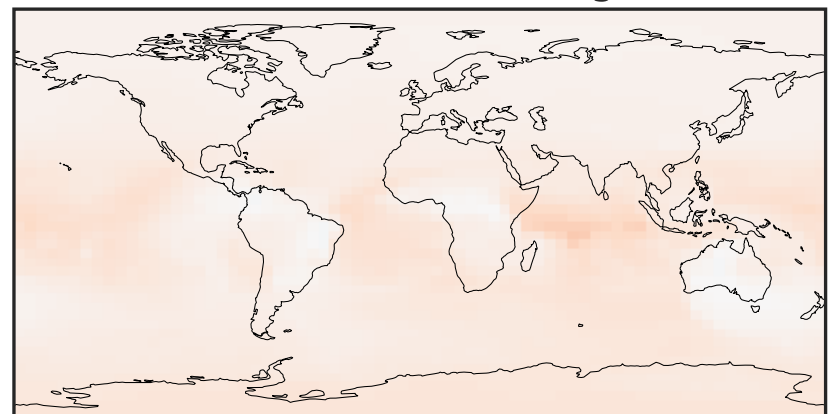
-0.001 0.000 0.001  
ppb

Ratio  
Dev/Ref, Dynamic Range



0.8363 0.9181 1.0000 1.0979 1.1957  
unitless

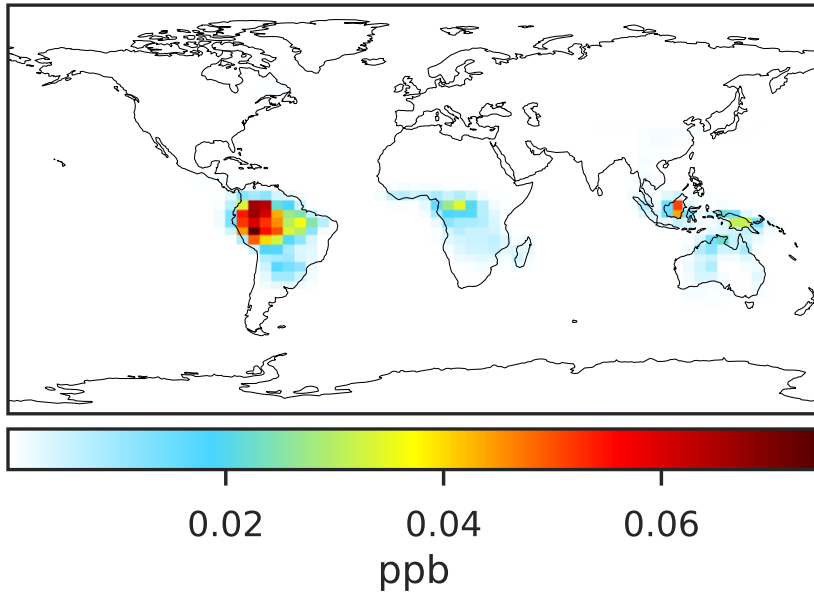
Ratio  
Dev/Ref, Fixed Range



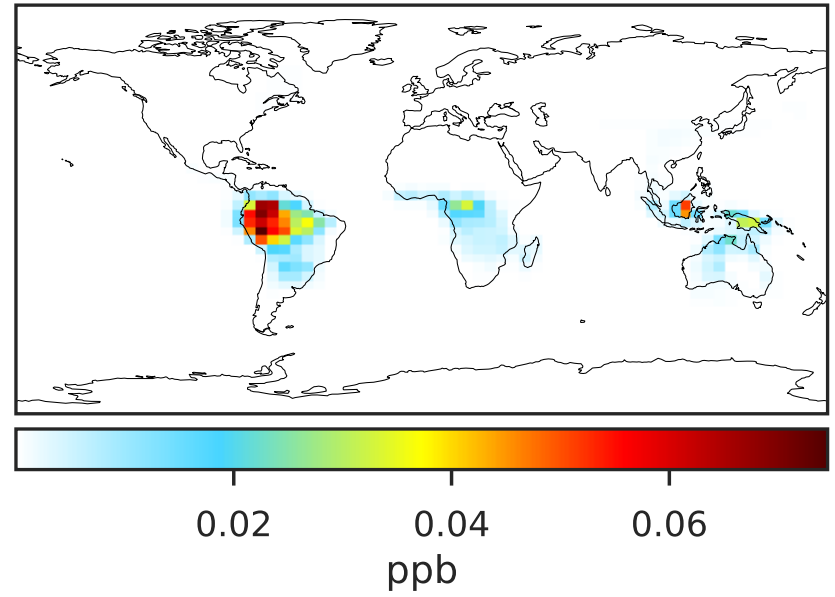
0.50 0.75 1.00 1.50 2.00  
unitless

# SpeciesConcVV\_MVK (Jan2019)

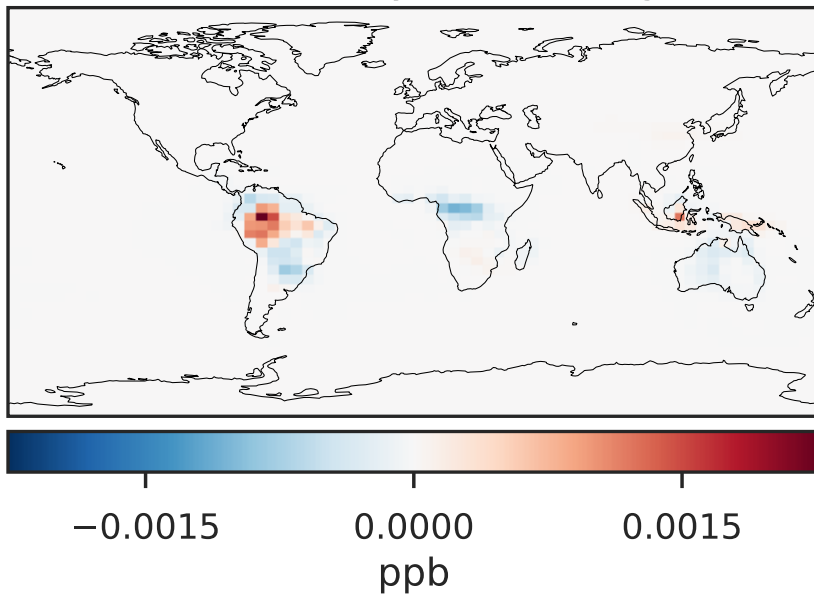
14.2.0-rc.2 (Ref)  
4.0x5.0



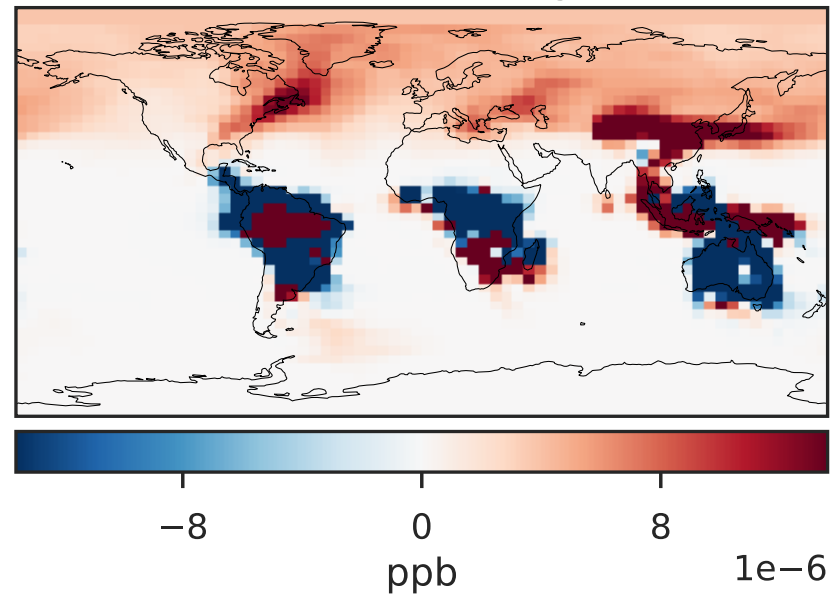
14.3.0-rc.0 (Dev)  
4.0x5.0



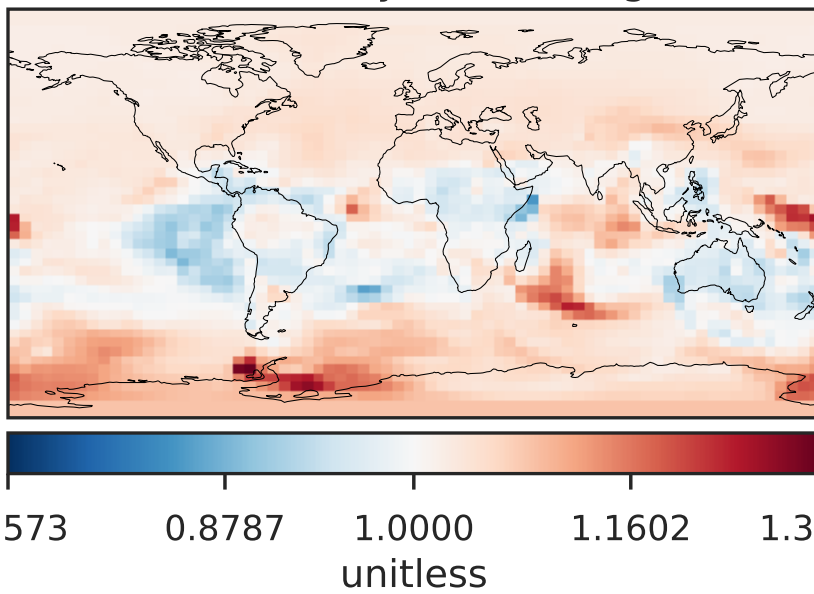
Difference  
Dev - Ref, Dynamic Range



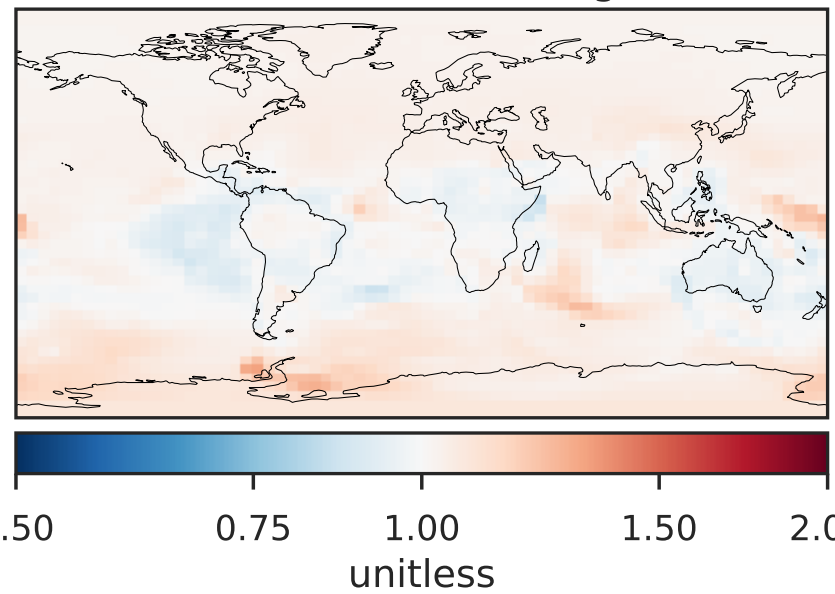
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

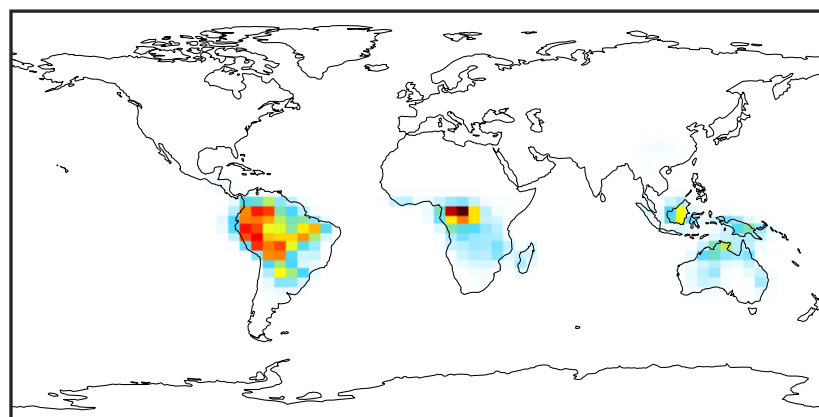


Ratio  
Dev/Ref, Fixed Range



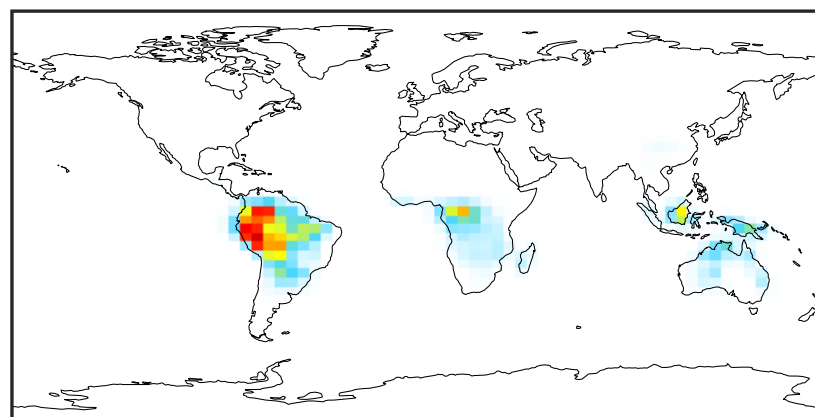
# SpeciesConcVV\_ISOPN (Jan2019)

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



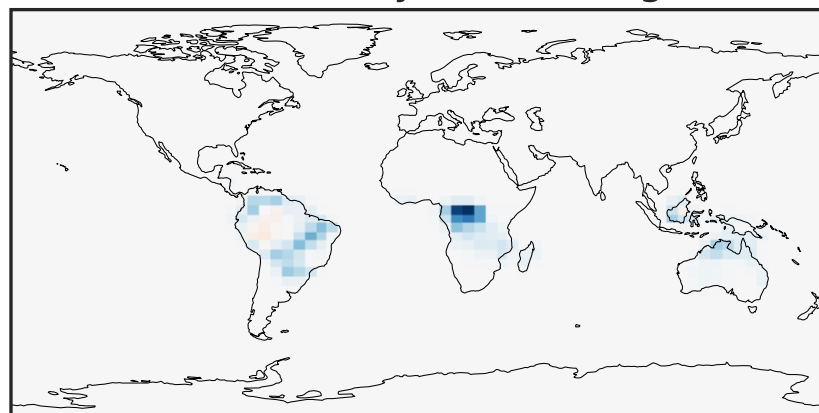
0.00000 0.00025 0.00050 0.00075  
ppb

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



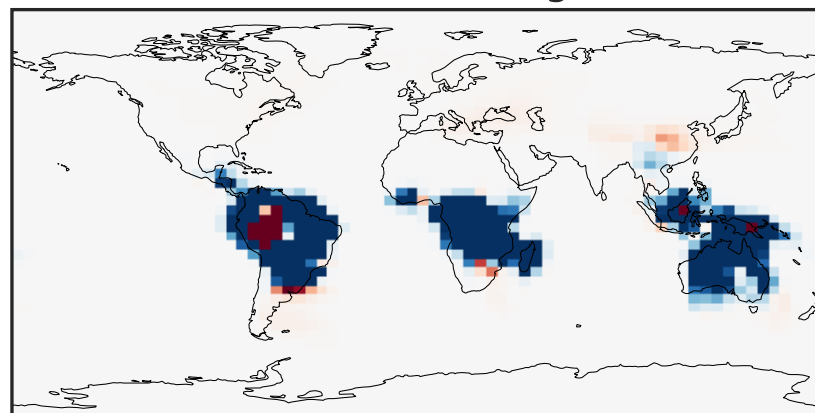
0.00000 0.00025 0.00050 0.00075  
ppb

Difference  
Dev - Ref, Dynamic Range



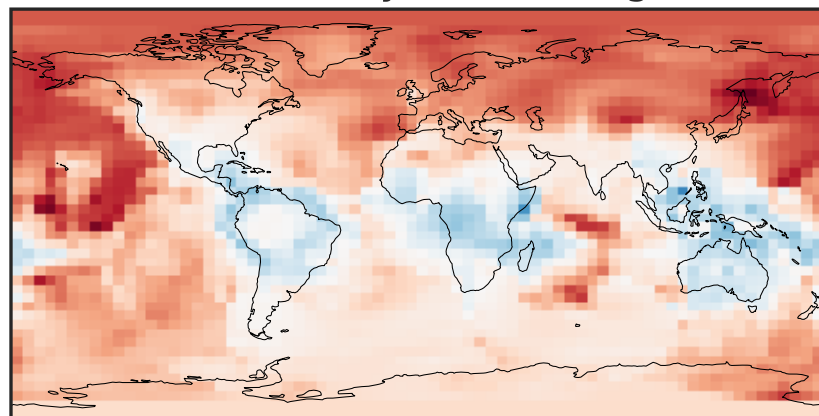
-0.00025 0.00000 0.00025  
ppb

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



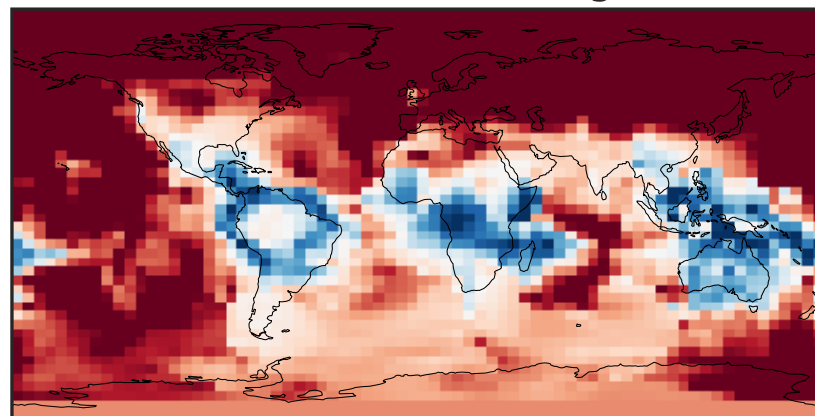
-2.5 0.0 2.5  
ppb  $1e-6$

Ratio  
Dev/Ref, Dynamic Range



0.150 0.575 1.000 3.824 6.649  
unitless

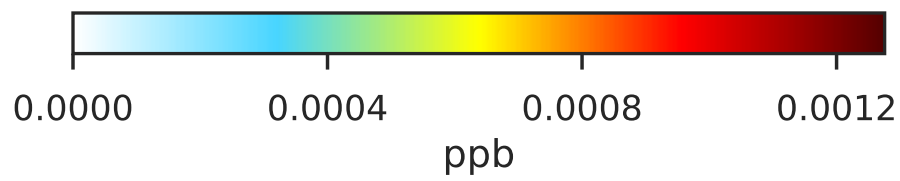
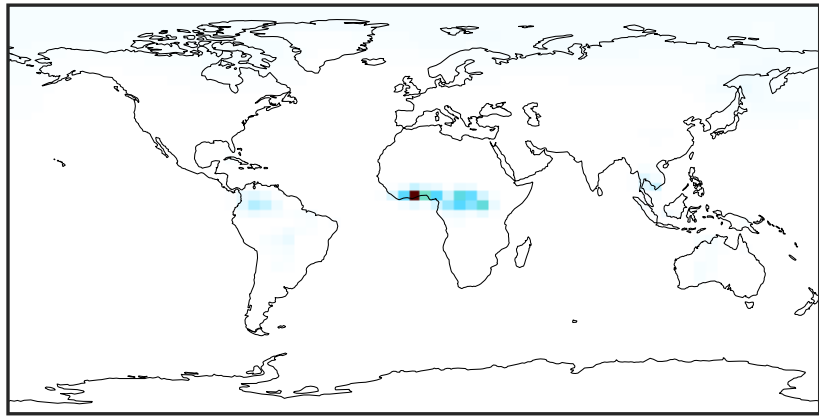
Ratio  
Dev/Ref, Fixed Range



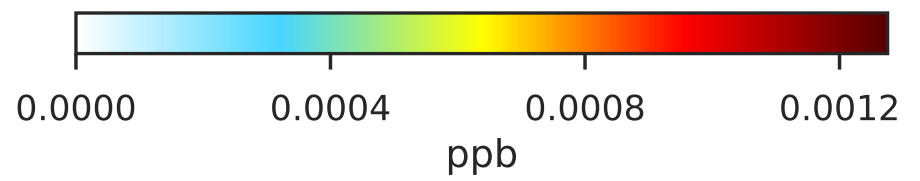
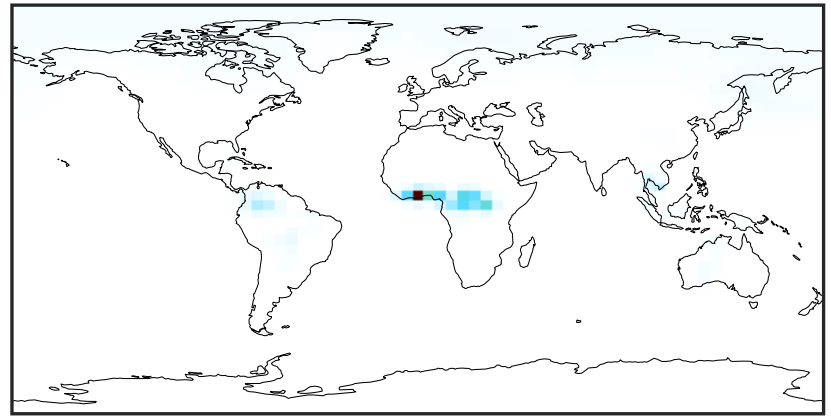
0.50 0.75 1.00 1.50 2.00  
unitless

# SpeciesConcVV\_FURA (Jan2019)

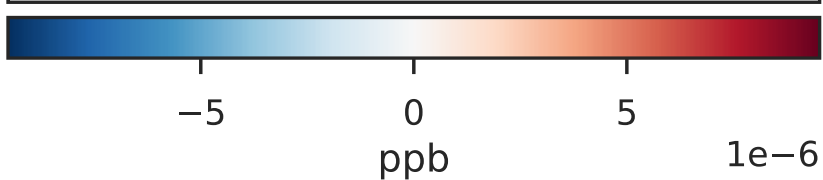
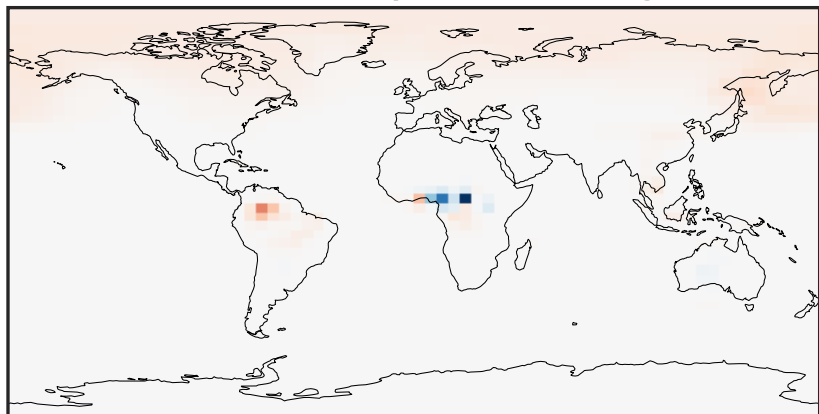
14.2.0-rc.2 (Ref)  
4.0x5.0



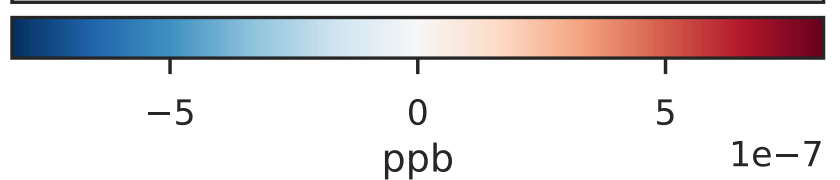
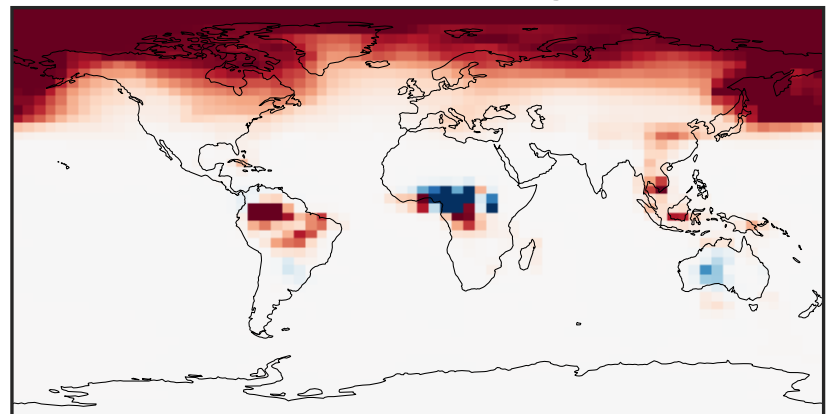
14.3.0-rc.0 (Dev)  
4.0x5.0



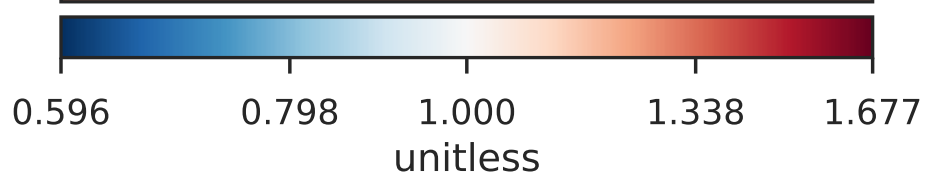
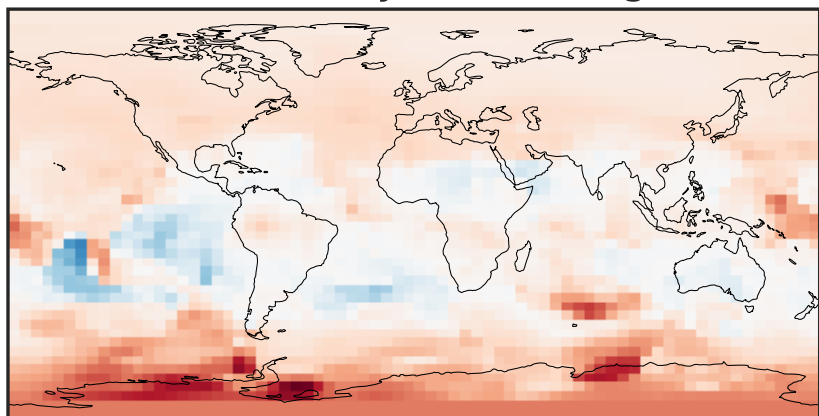
Difference  
Dev - Ref, Dynamic Range



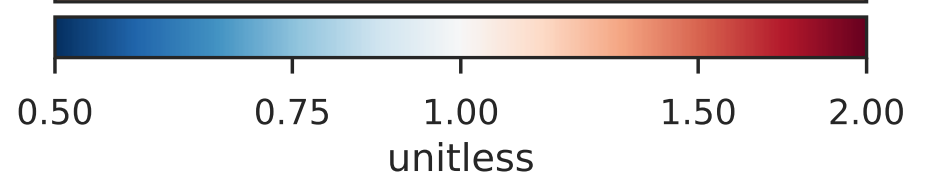
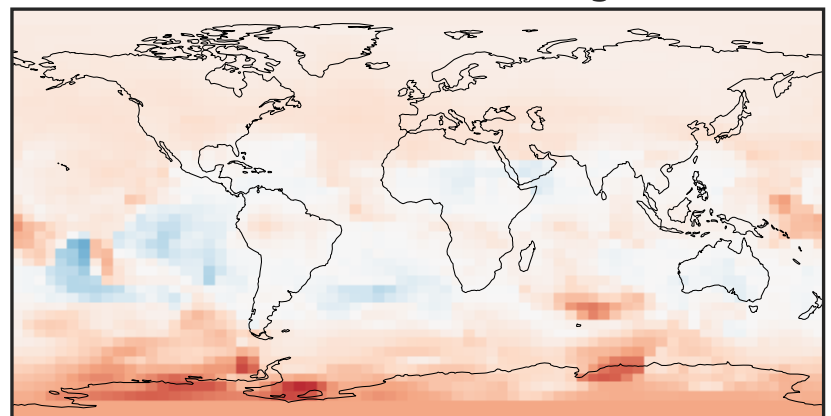
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

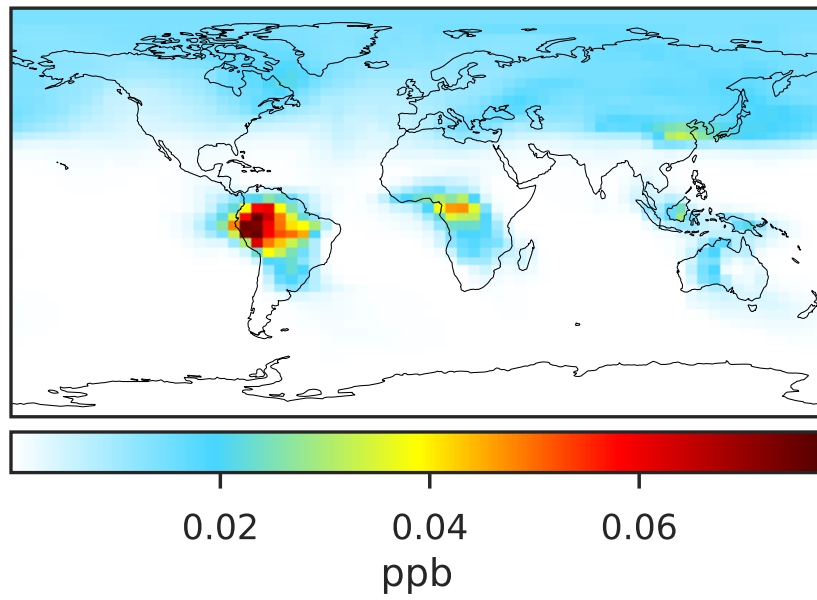


Ratio  
Dev/Ref, Fixed Range

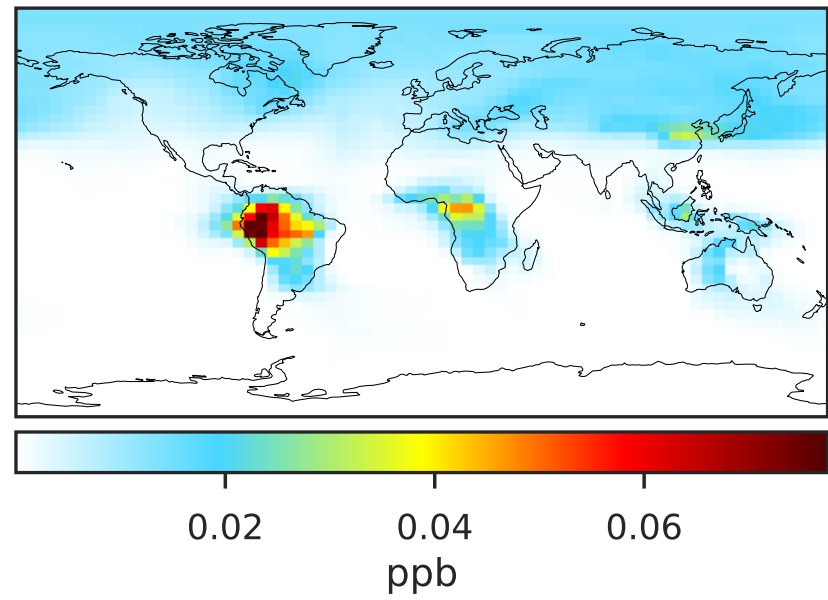


# SpeciesConcVV\_GLYC (Jan2019)

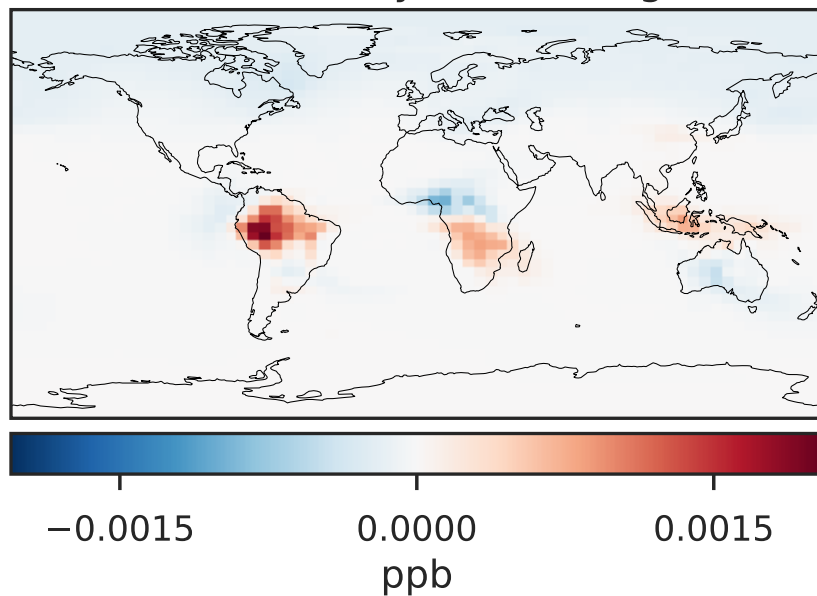
14.2.0-rc.2 (Ref)  
4.0x5.0



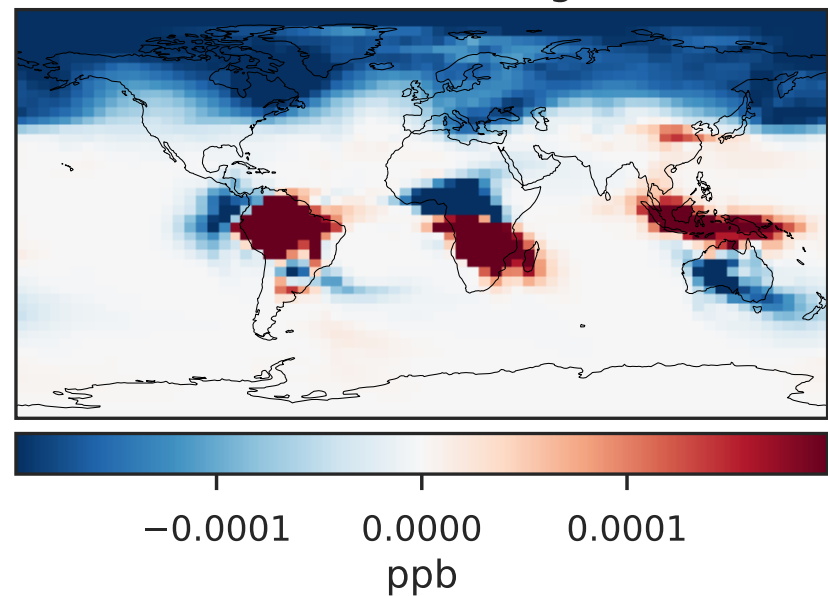
14.3.0-rc.0 (Dev)  
4.0x5.0



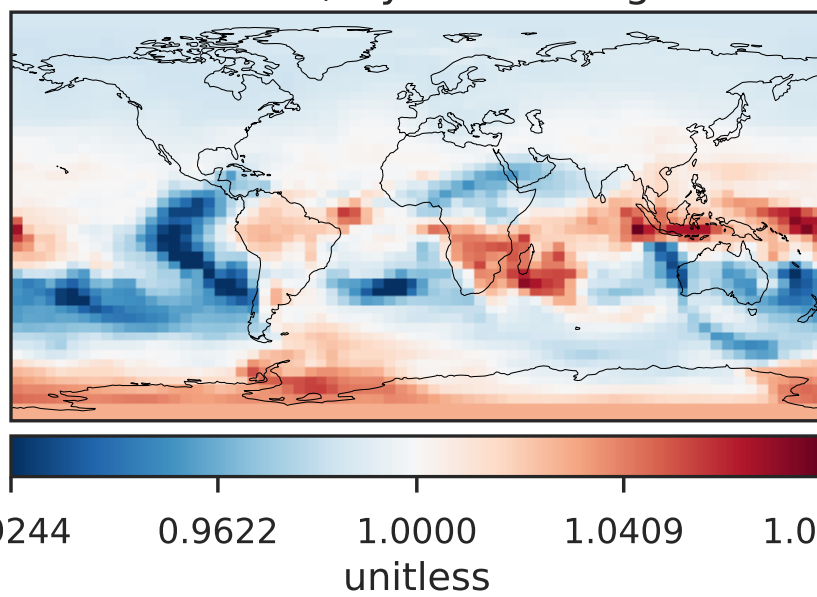
Difference  
Dev - Ref, Dynamic Range



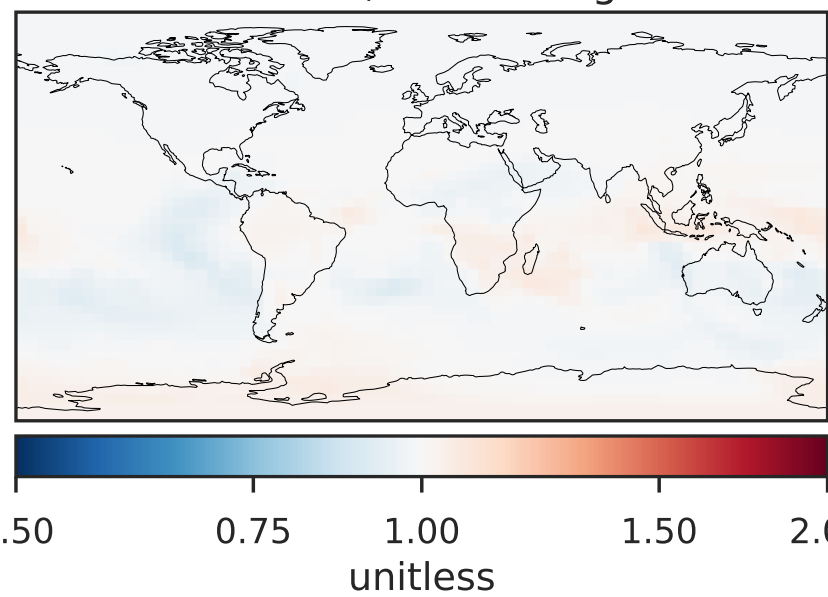
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

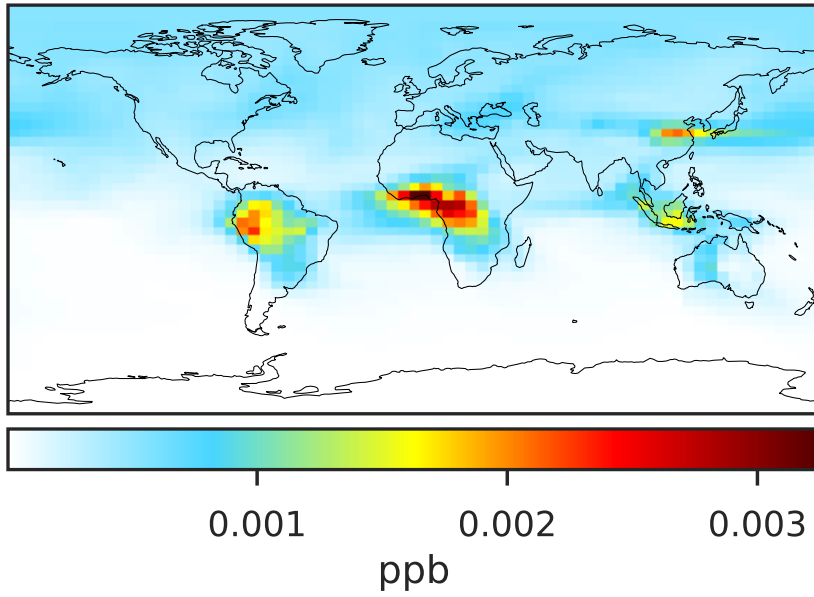


Ratio  
Dev/Ref, Fixed Range

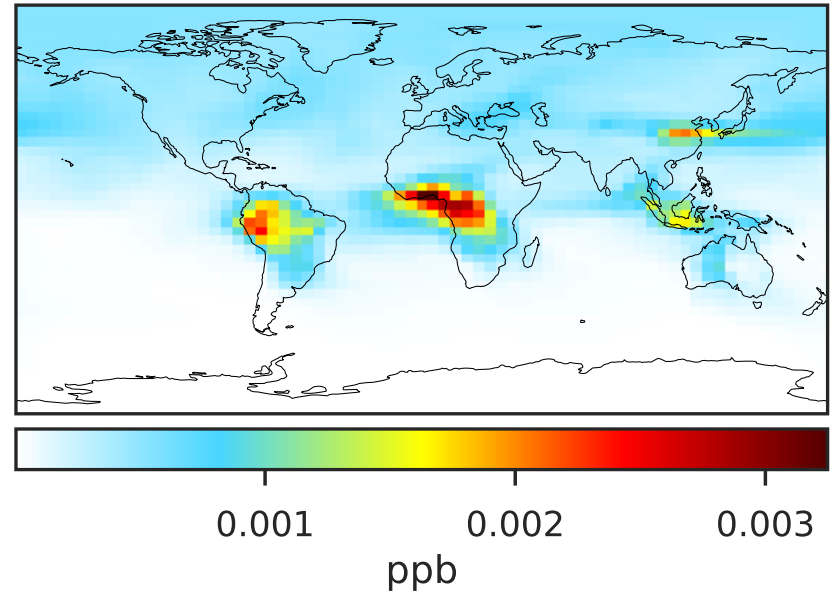


# SpeciesConcVV\_GLYX (Jan2019)

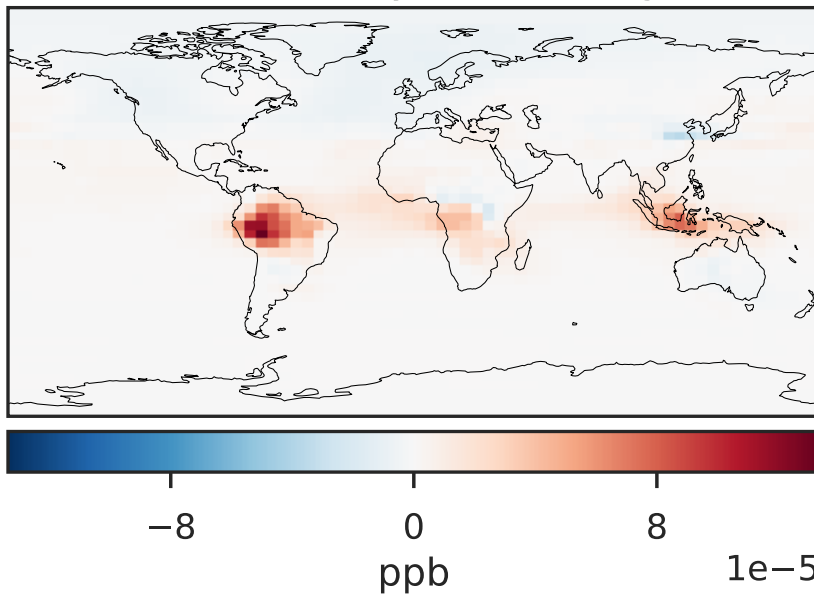
14.2.0-rc.2 (Ref)  
4.0x5.0



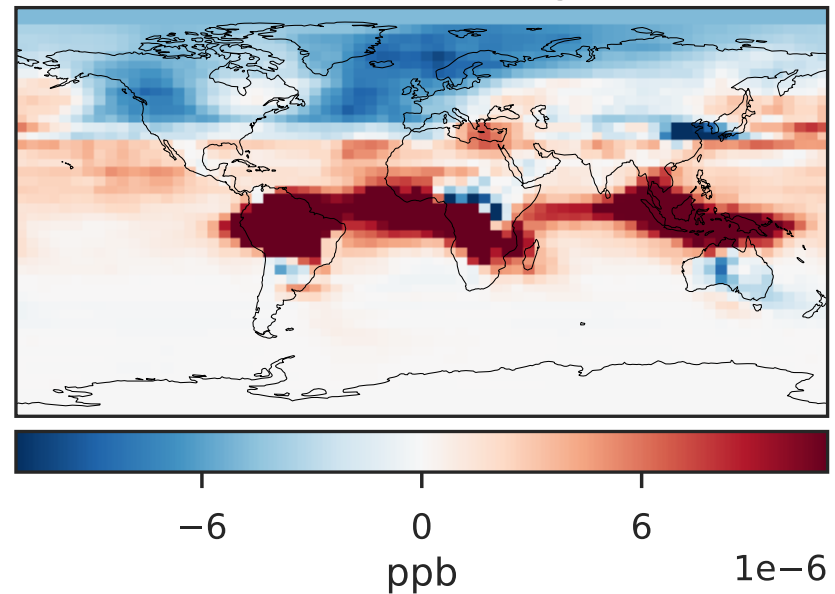
14.3.0-rc.0 (Dev)  
4.0x5.0



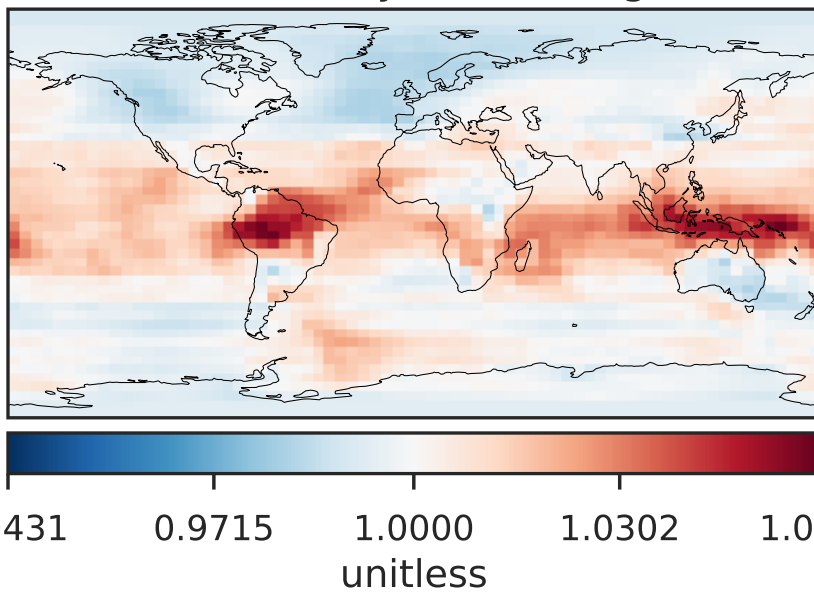
Difference  
Dev - Ref, Dynamic Range



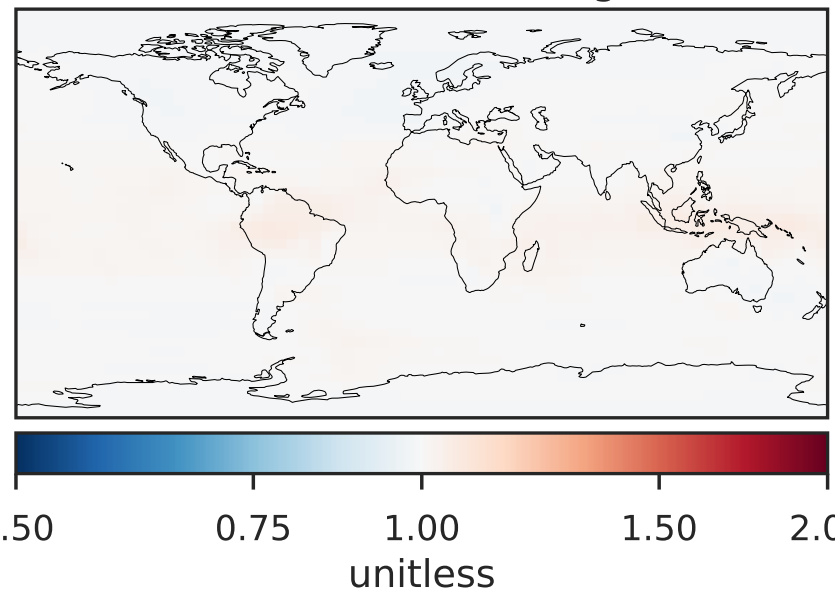
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

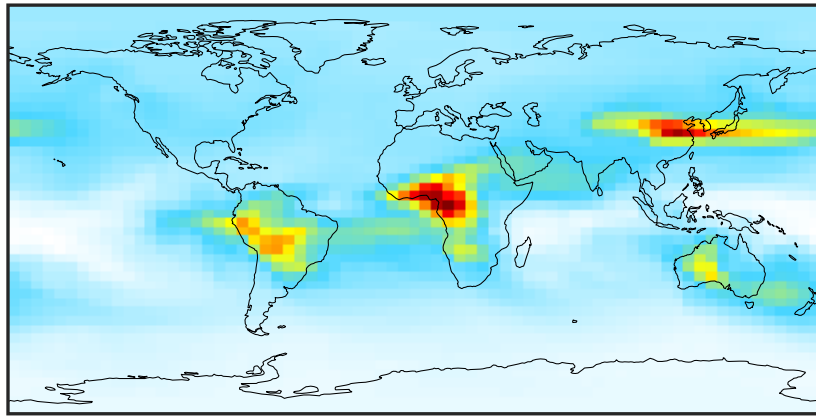


Ratio  
Dev/Ref, Fixed Range



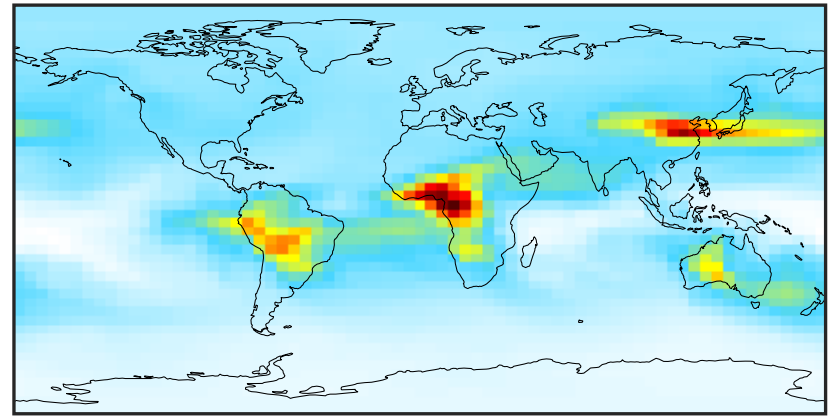
# SpeciesConcVW\_HCOOH (Jan2019)

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



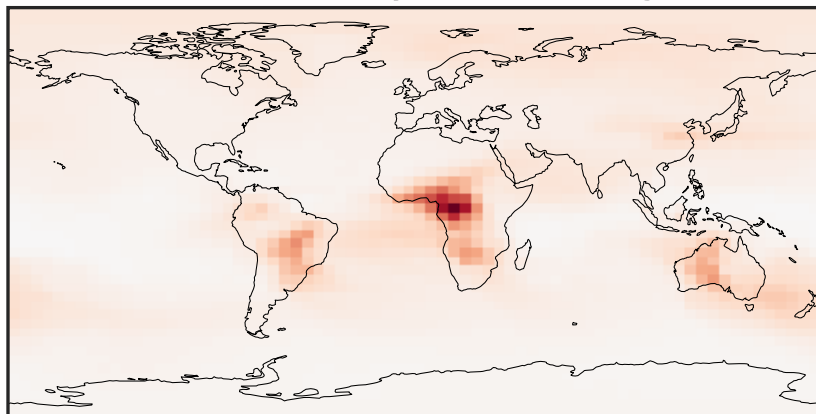
0.0022 0.0689 0.1356 0.2022 0.2689  
ppb

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



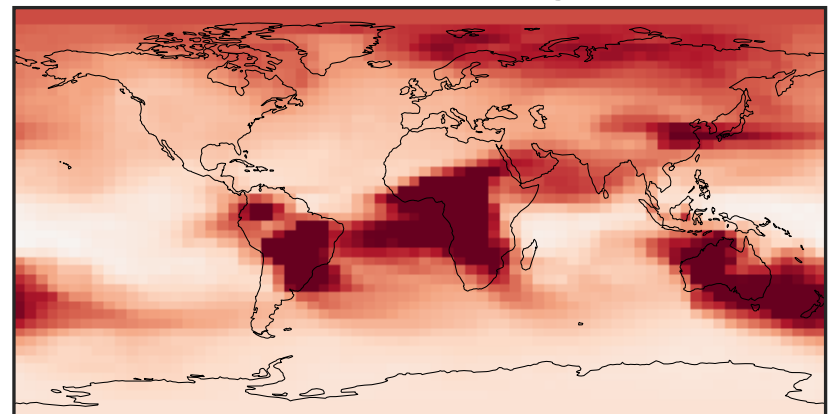
0.0022 0.0689 0.1356 0.2022 0.2689  
ppb

Difference  
Dev - Ref, Dynamic Range



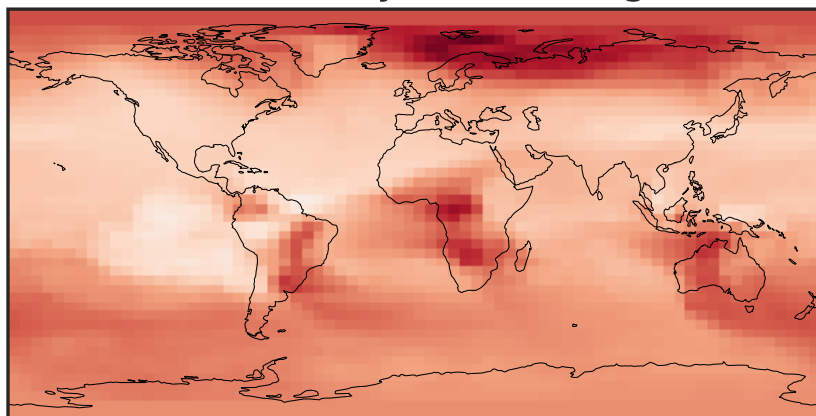
-0.01 0.00 0.01  
ppb

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



-0.002 0.000 0.002  
ppb

Ratio  
Dev/Ref, Dynamic Range



0.9226 0.9613 1.0000 1.0419 1.0839  
unitless

Ratio  
Dev/Ref, Fixed Range

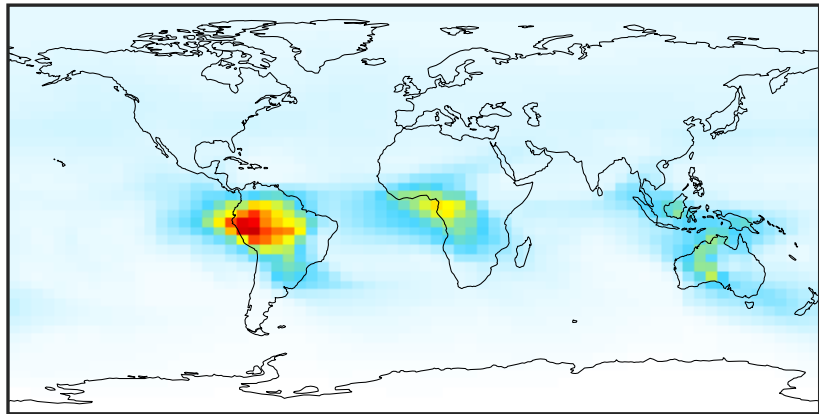


0.50 0.75 1.00 1.50 2.00  
unitless



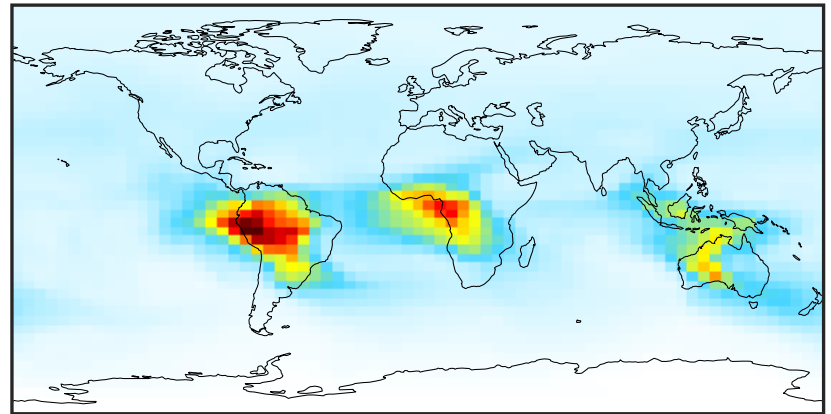
# SpeciesConcVV\_MAP (Jan2019)

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



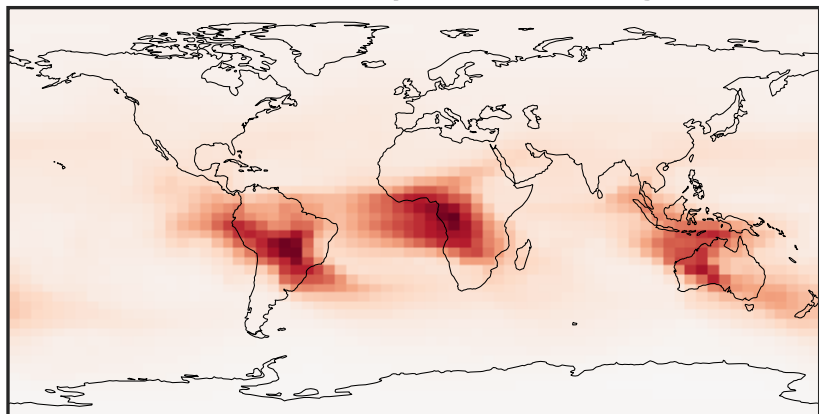
0.0014 0.0870 0.1727 0.2584 0.3440  
ppb

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



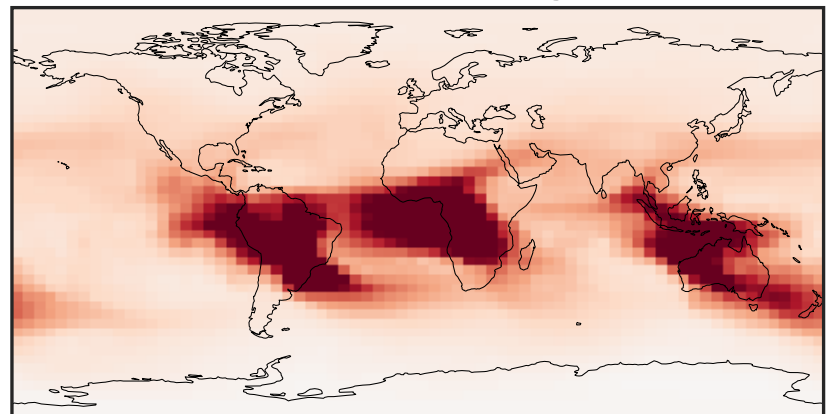
0.0014 0.0870 0.1727 0.2584 0.3440  
ppb

Difference  
Dev - Ref, Dynamic Range



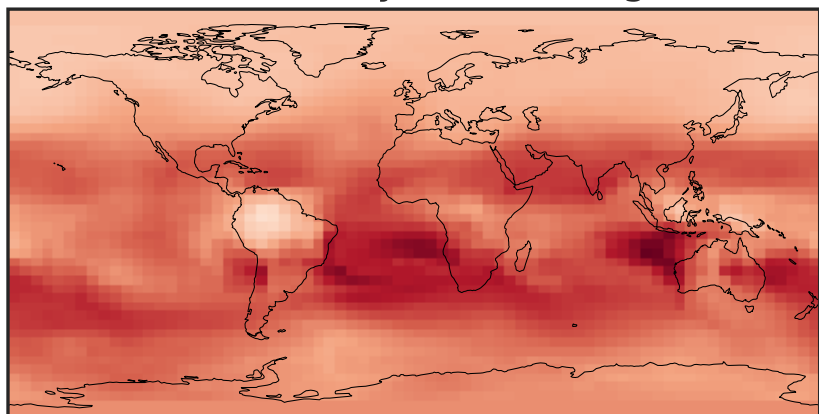
-0.082 -0.041 0.000 0.041 0.082  
ppb

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



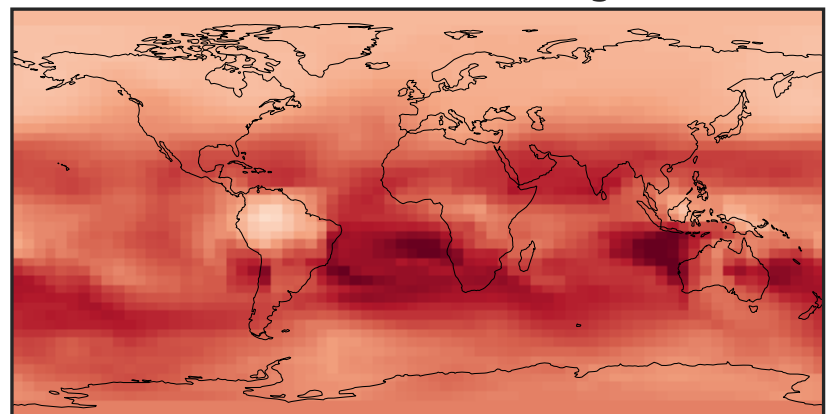
-0.02 0.00 0.02  
ppb

Ratio  
Dev/Ref, Dynamic Range



0.471 0.736 1.000 1.561 2.121  
unitless

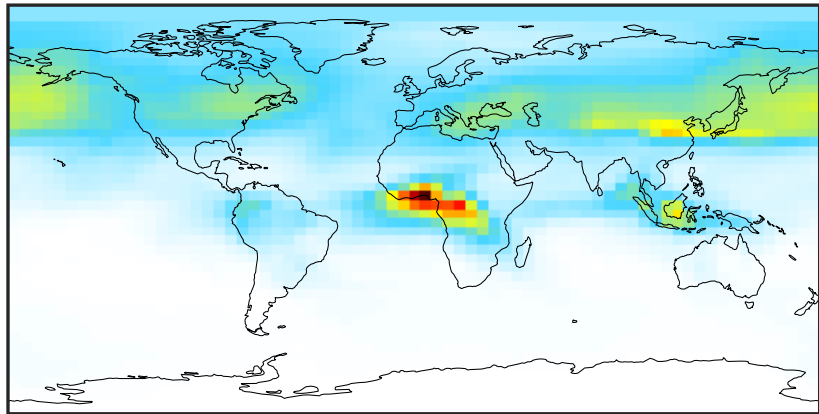
Ratio  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

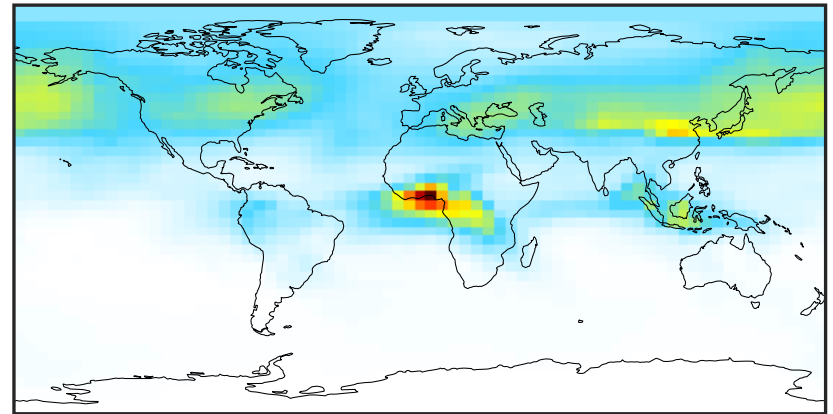
# SpeciesConcVV\_PHEN (Jan2019)

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



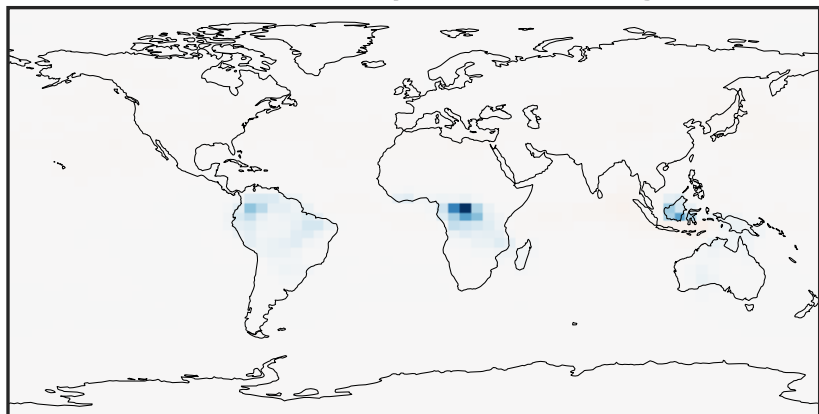
0.0002 0.0004 0.0006  
ppb

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



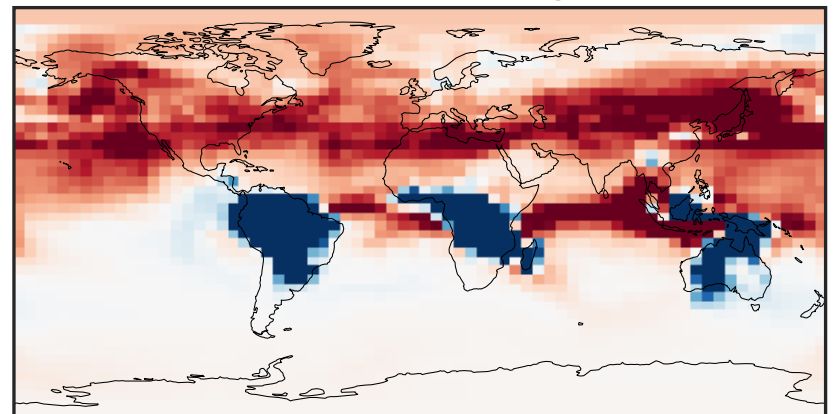
0.0002 0.0004 0.0006  
ppb

Difference  
Dev - Ref, Dynamic Range



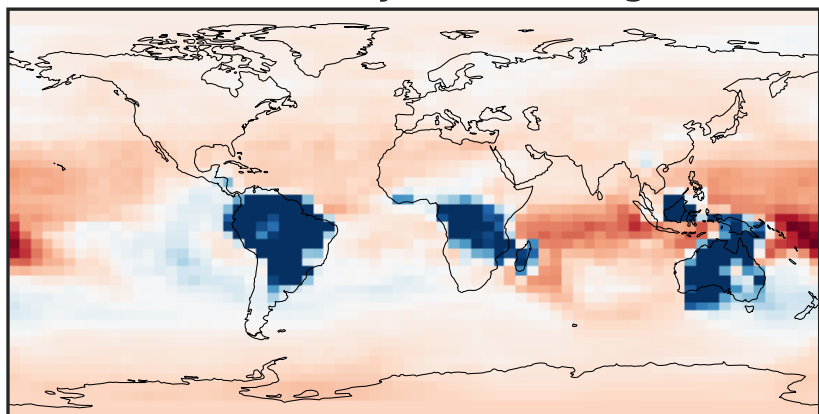
-8 0 8  
ppb  $1e-5$

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



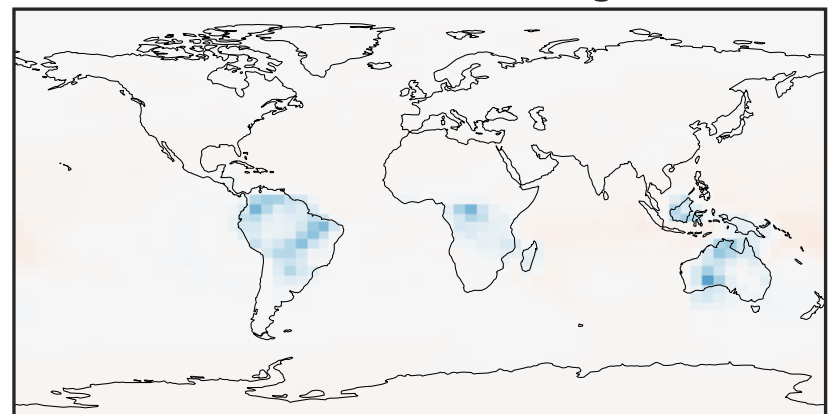
-8 0 8  
ppb  $1e-7$

Ratio  
Dev/Ref, Dynamic Range



0.9458 0.9729 1.0000 1.0286 1.0573  
unitless

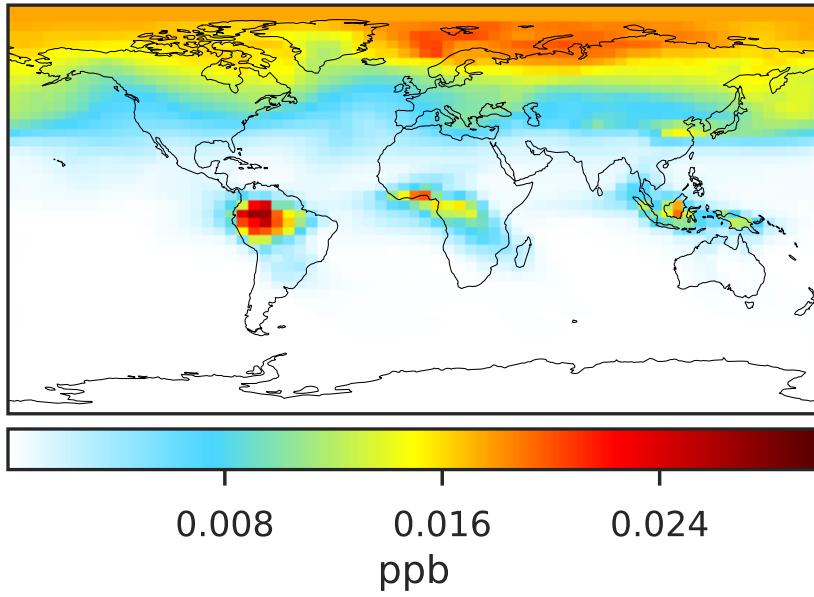
Ratio  
Dev/Ref, Fixed Range



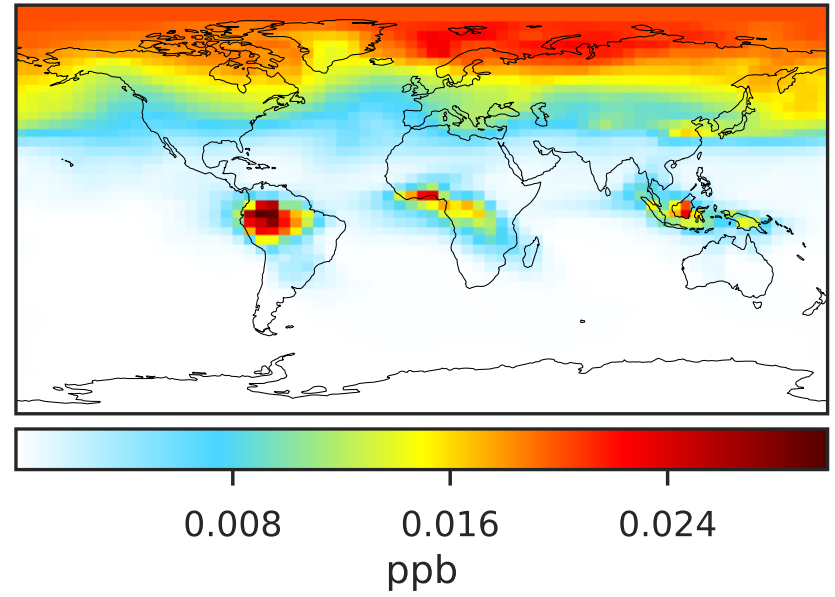
0.50 0.75 1.00 1.50 2.00  
unitless

# SpeciesConcVW\_RCHO (Jan2019)

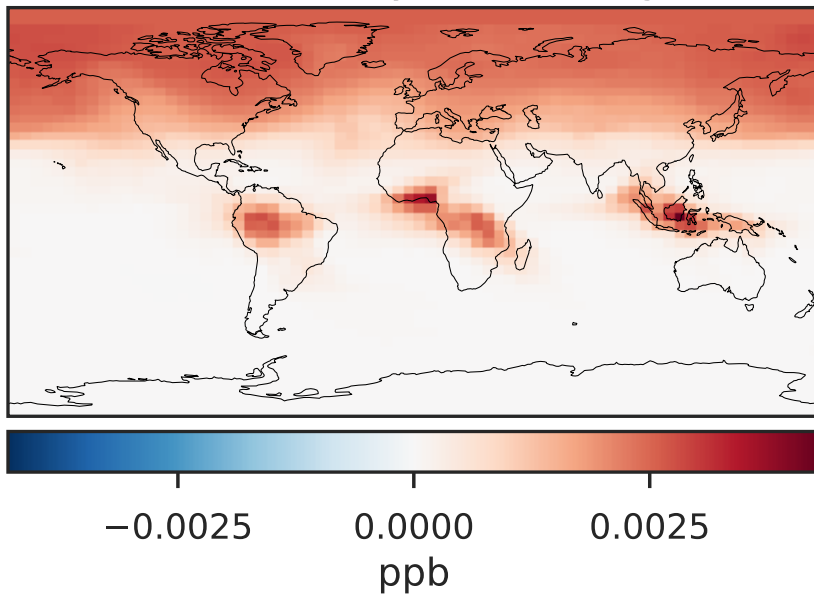
14.2.0-rc.2 (Ref)  
4.0x5.0



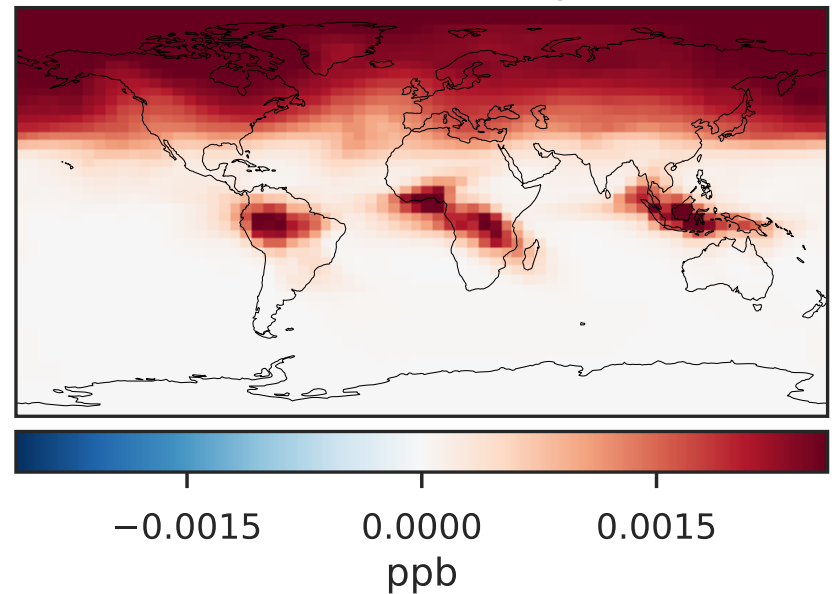
14.3.0-rc.0 (Dev)  
4.0x5.0



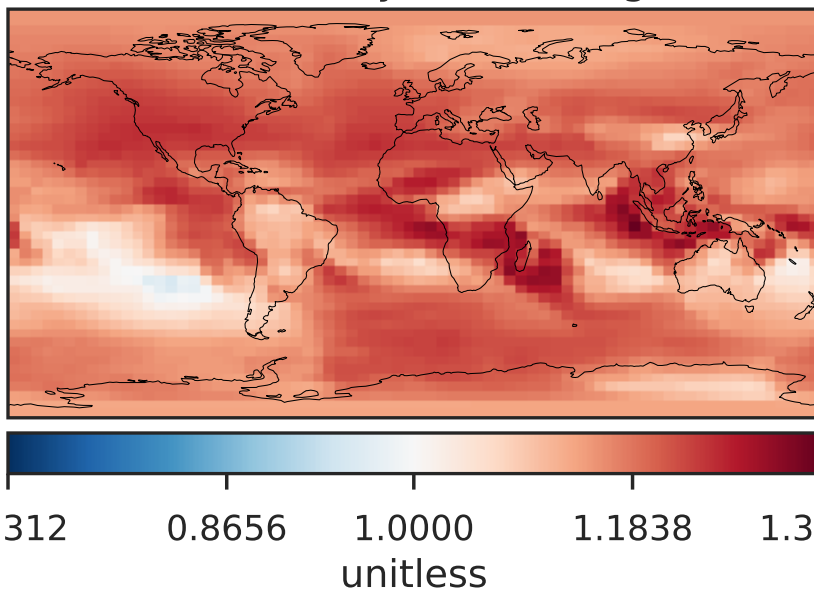
Difference  
Dev - Ref, Dynamic Range



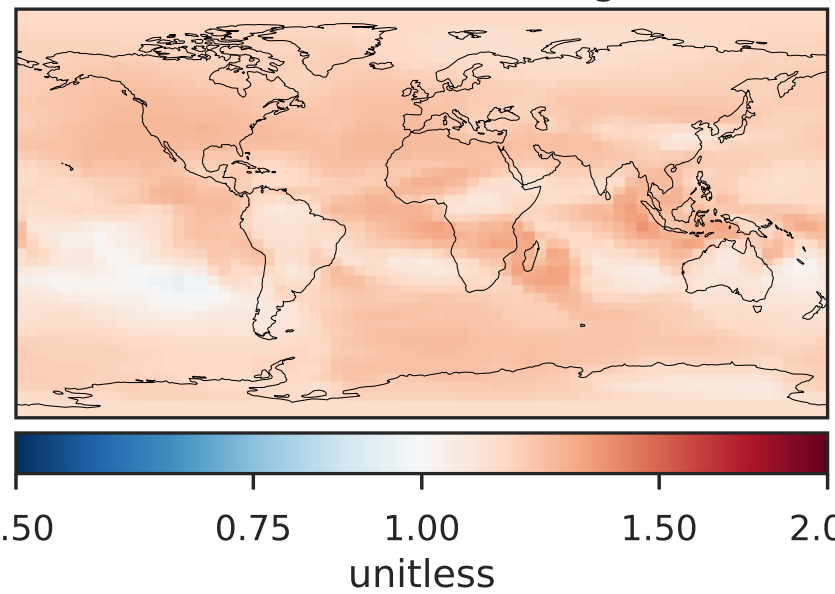
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

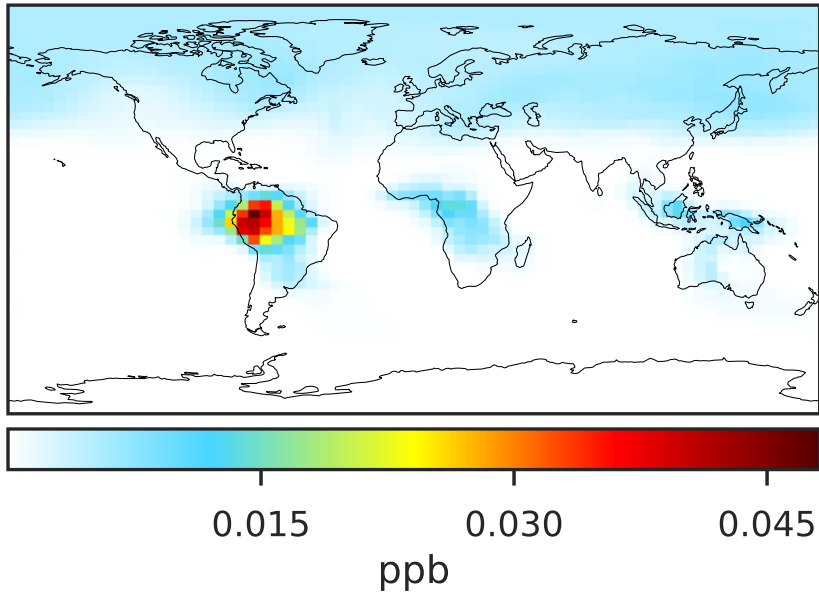


Ratio  
Dev/Ref, Fixed Range

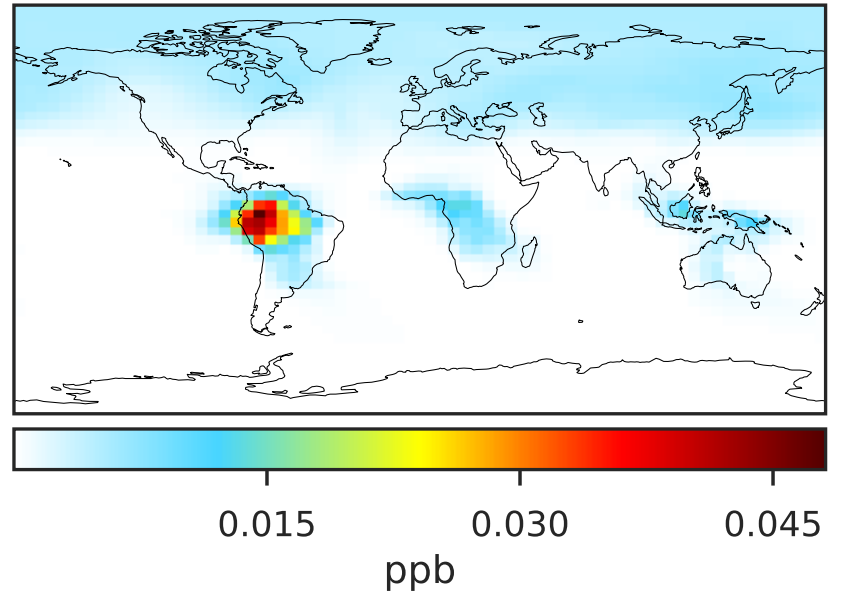


# SpeciesConcVV\_ETHP (Jan2019)

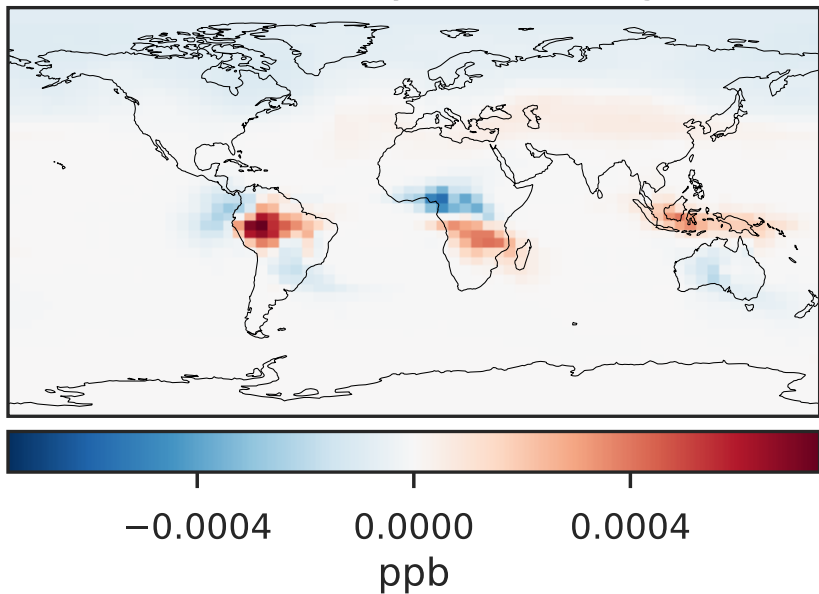
14.2.0-rc.2 (Ref)  
4.0x5.0



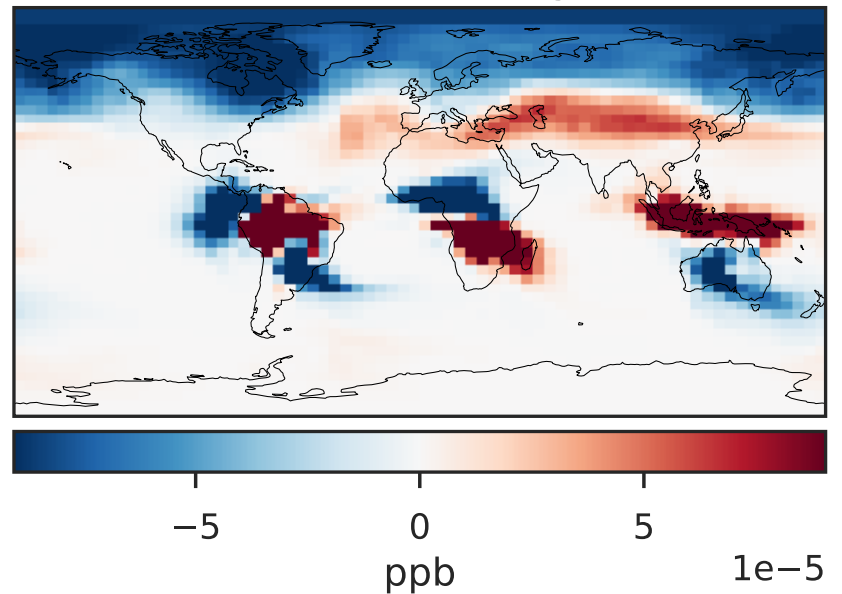
14.3.0-rc.0 (Dev)  
4.0x5.0



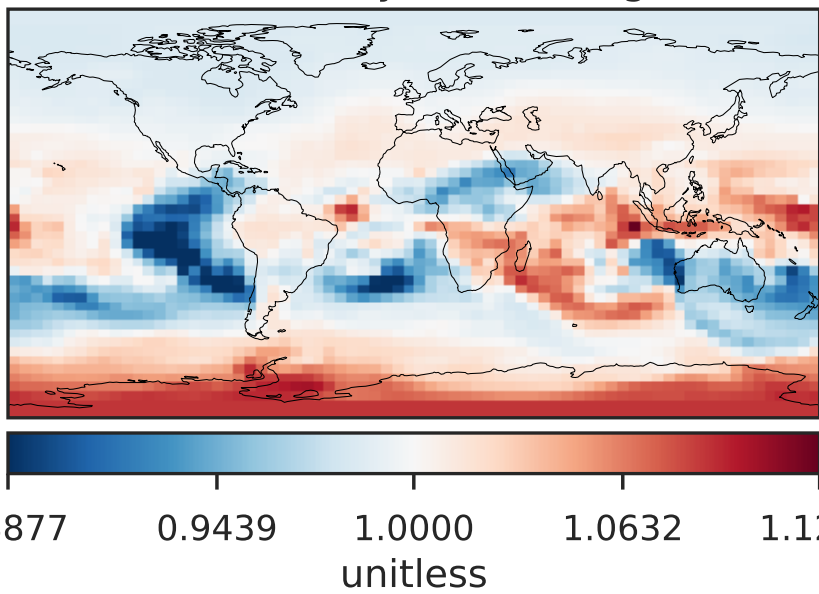
Difference  
Dev - Ref, Dynamic Range



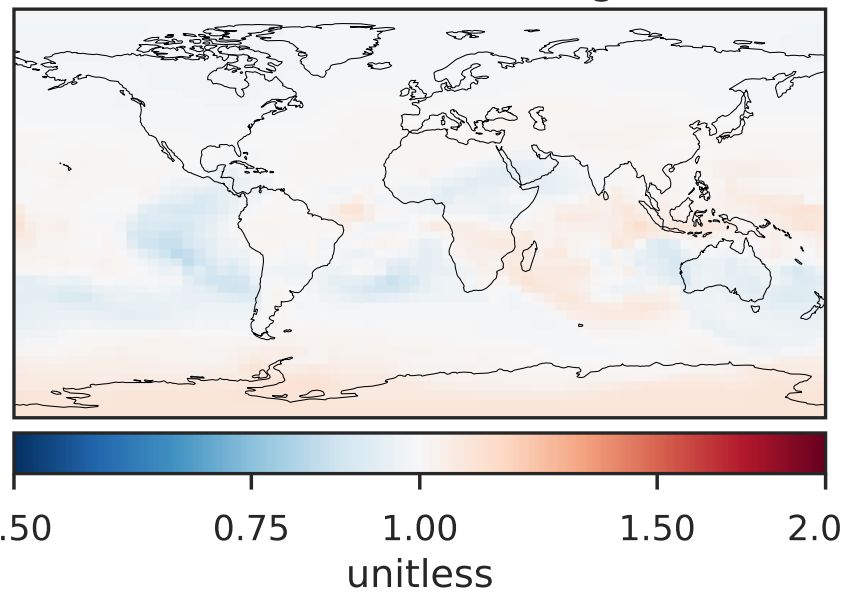
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

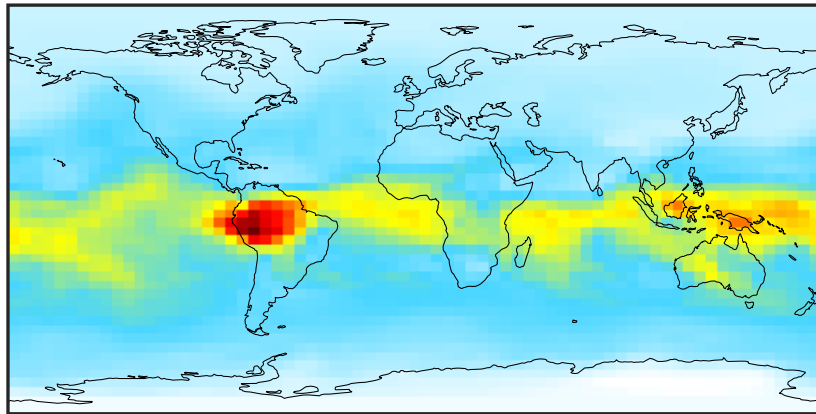


Ratio  
Dev/Ref, Fixed Range



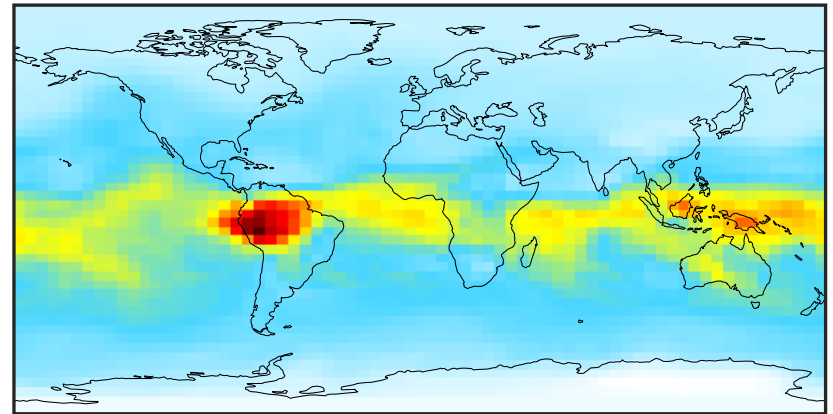
# SpeciesConcVV\_MP (Jan2019)

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



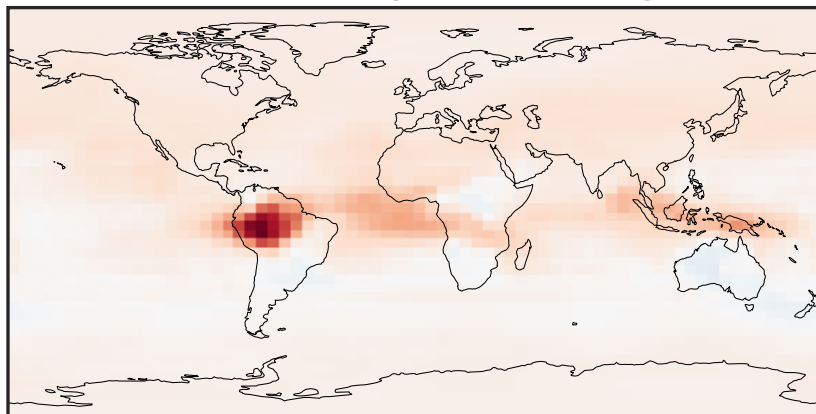
0.0380 0.2688 0.4996 0.7304 0.9612  
ppb

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



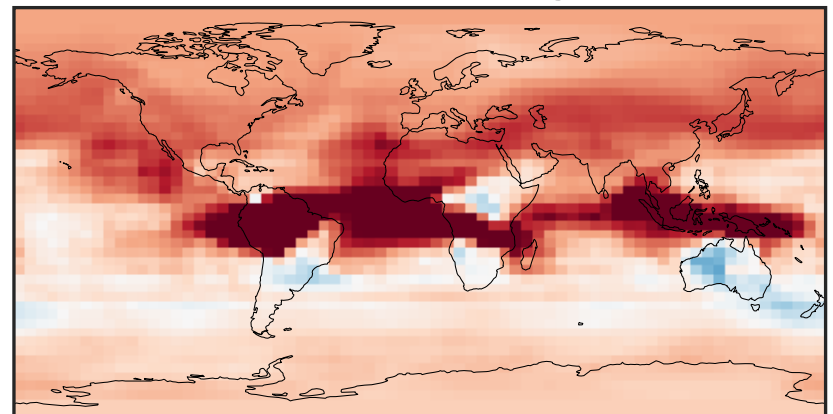
0.0380 0.2688 0.4996 0.7304 0.9612  
ppb

Difference  
Dev - Ref, Dynamic Range



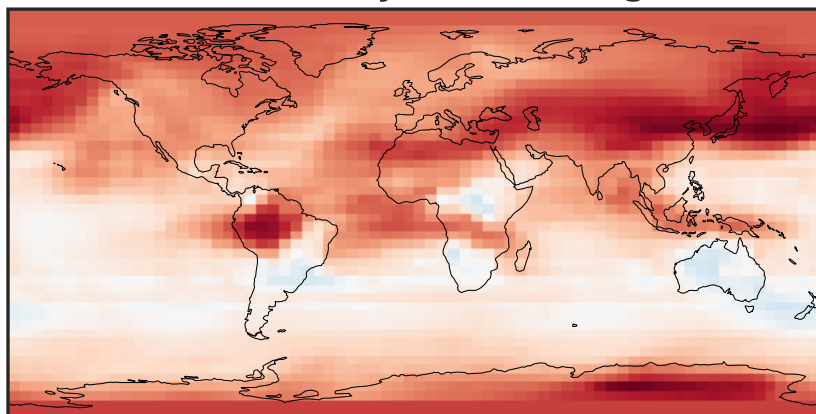
-0.02 0.00 0.02  
ppb

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



-0.004 0.000 0.004  
ppb

Ratio  
Dev/Ref, Dynamic Range



0.96278 0.98139 1.00000 1.01933 1.03866  
unitless

Ratio  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless