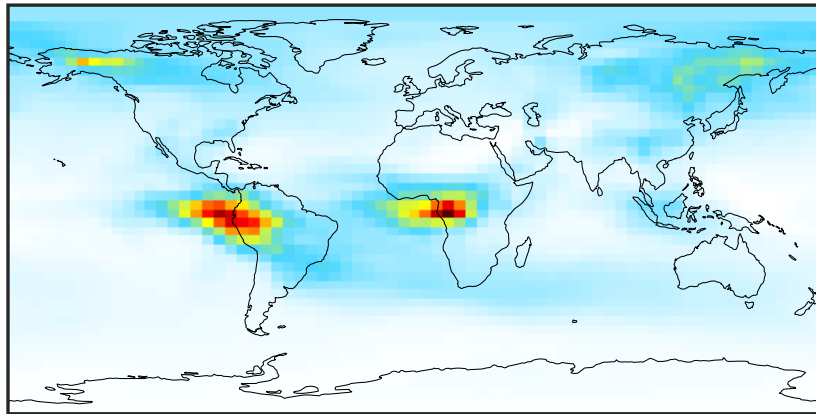


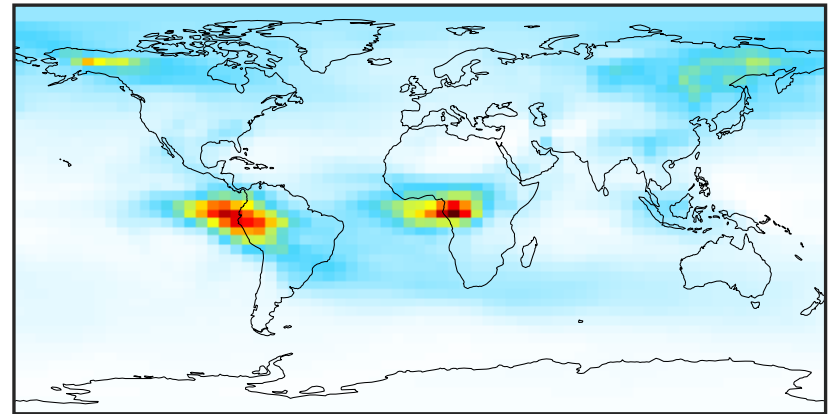
# SpeciesConcVV\_ACTA (Jul2019)

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



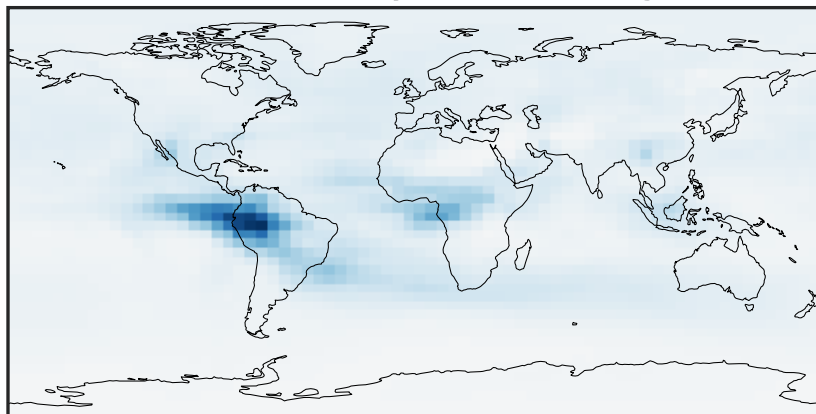
0.0063 0.0858 0.1654 0.2449 0.3244  
ppb

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



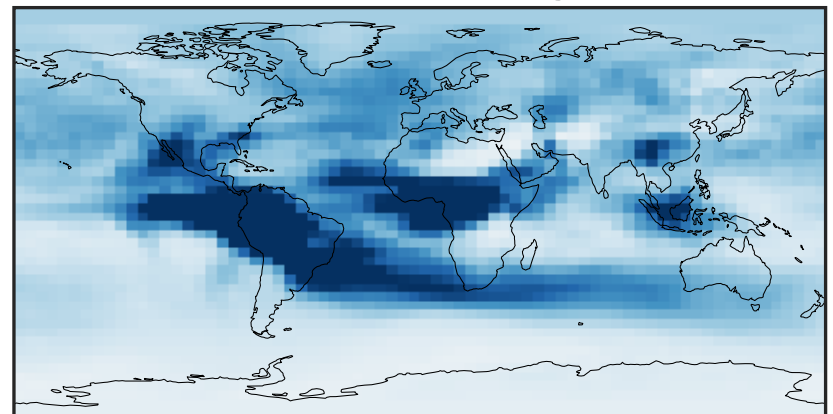
0.0063 0.0858 0.1654 0.2449 0.3244  
ppb

Difference  
Dev - Ref, Dynamic Range



-0.005 0.000 0.005  
ppb

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



-0.001 0.000 0.001  
ppb

Ratio  
Dev/Ref, Dynamic Range



0.997303 0.998651 1.000000 1.001352 1.002705  
unitless

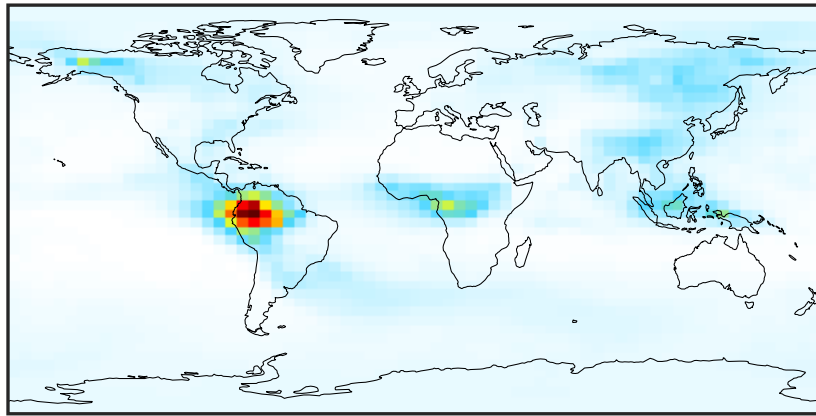
Ratio  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

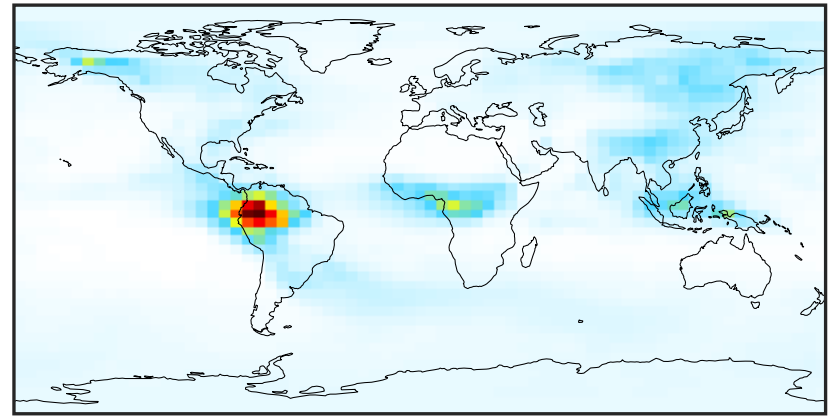
# SpeciesConcVV\_ALD2 (Jul2019)

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



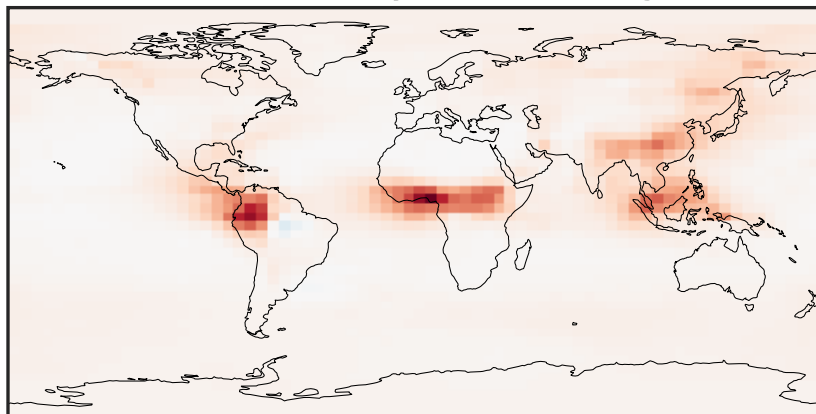
0.0015 0.0567 0.1119 0.1672 0.2224  
ppb

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



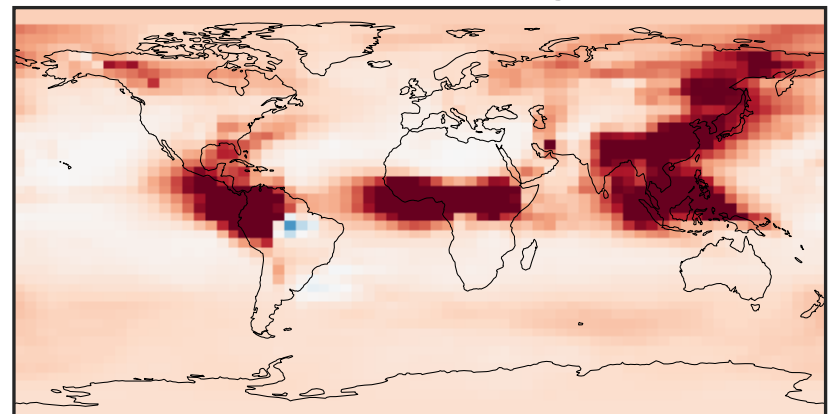
0.0015 0.0567 0.1119 0.1672 0.2224  
ppb

Difference  
Dev - Ref, Dynamic Range



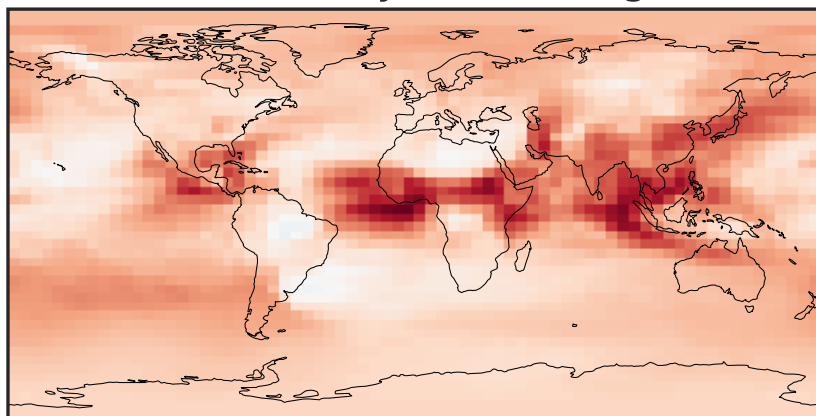
-0.003 0.000 0.003  
ppb

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



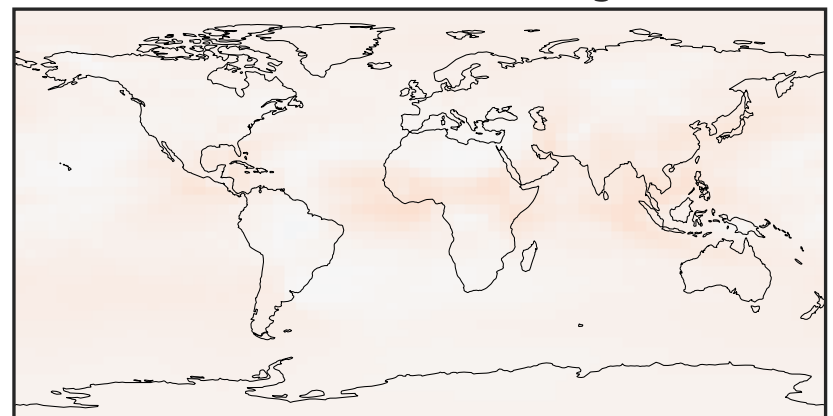
-0.0008 0.0000 0.0008  
ppb

Ratio  
Dev/Ref, Dynamic Range



0.8957 0.9478 1.0000 1.0582 1.1165  
unitless

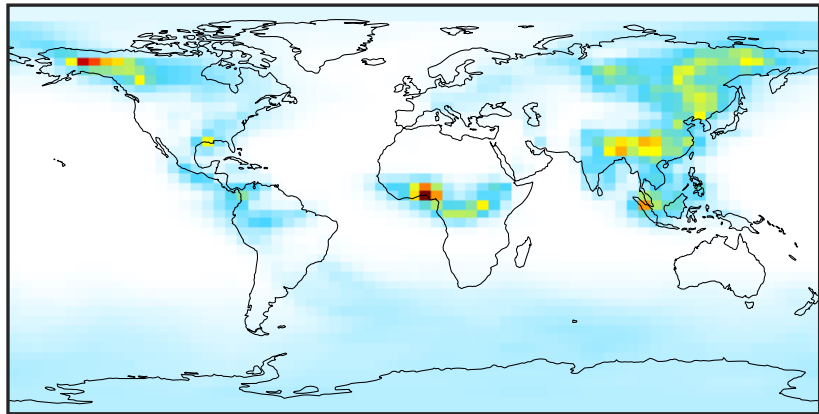
Ratio  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

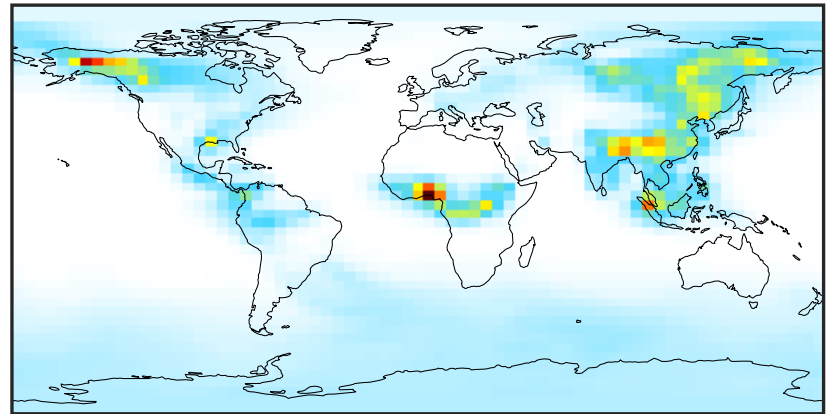
# SpeciesConcVV\_BALD (Jul2019)

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



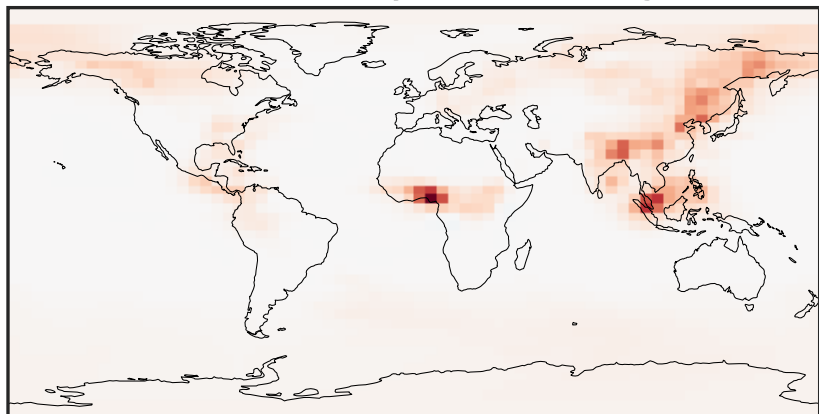
0.00008 0.00016 0.00024  
ppb

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



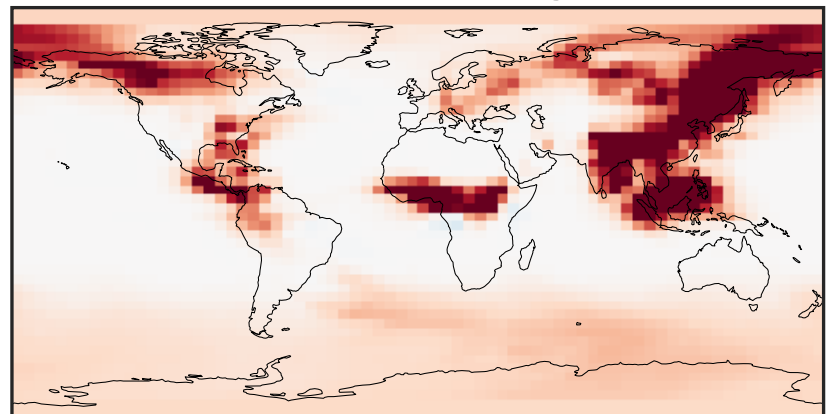
0.00008 0.00016 0.00024  
ppb

Difference  
Dev - Ref, Dynamic Range



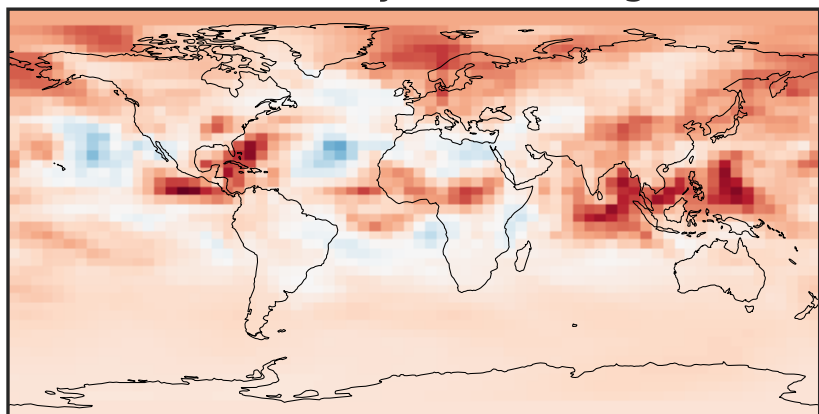
-6 0 6  
ppb  $1e-6$

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



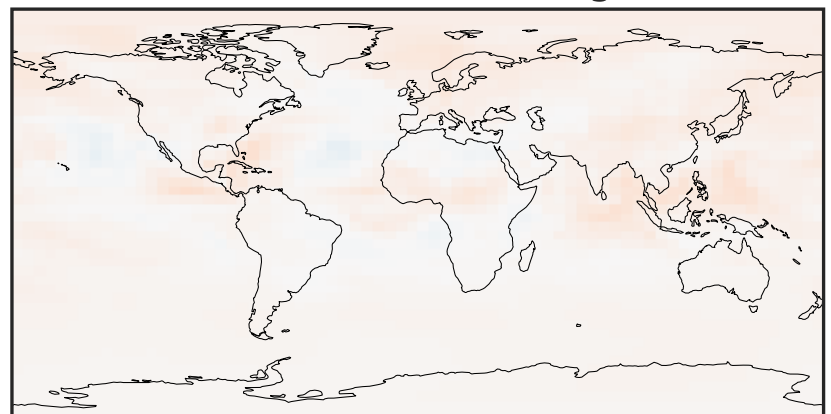
-1 0 1  
ppb  $1e-6$

Ratio  
Dev/Ref, Dynamic Range



0.8897 0.9449 1.0000 1.0620 1.1239  
unitless

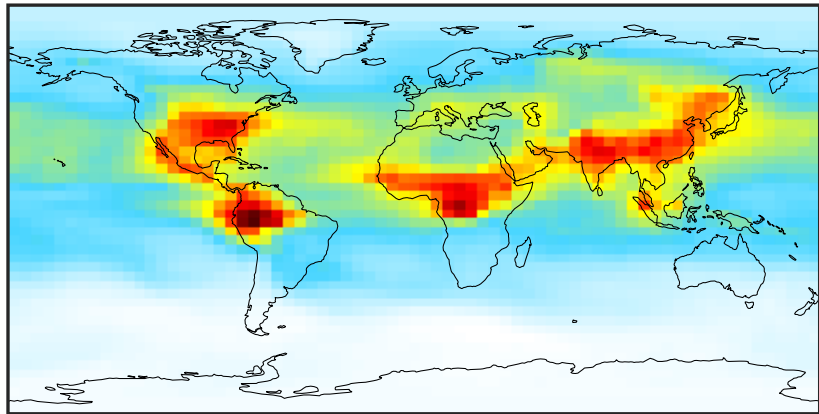
Ratio  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

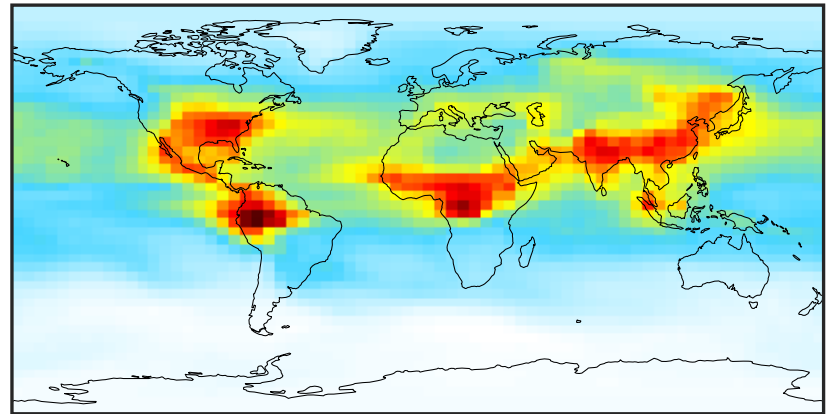
# SpeciesConcVV\_CH2O (Jul2019)

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



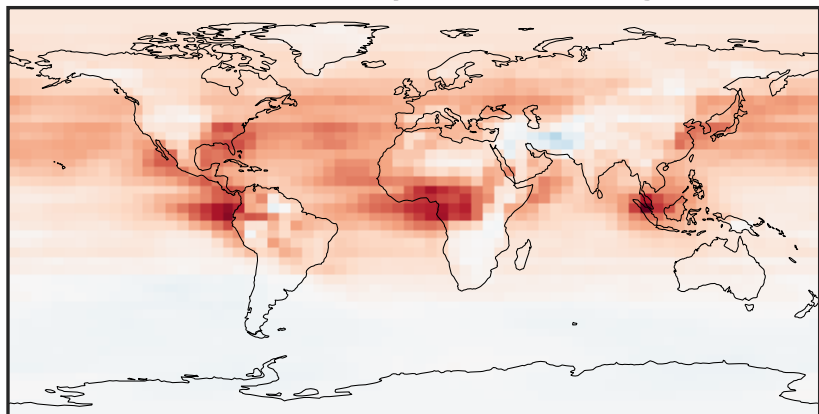
0.0453 0.1407 0.2361 0.3315 0.4269  
ppb

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



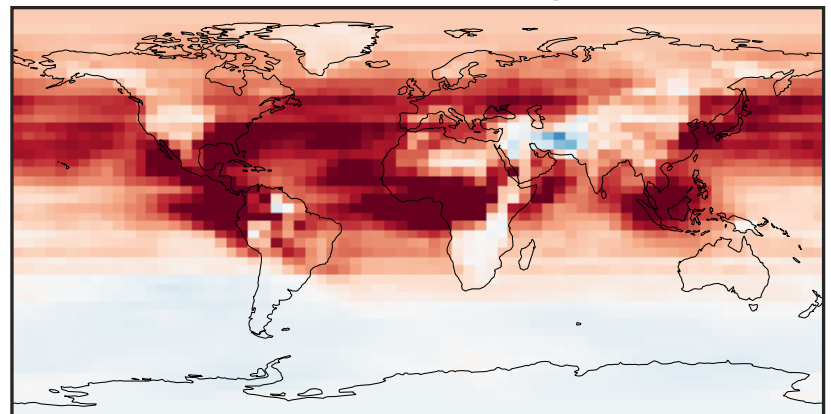
0.0453 0.1407 0.2361 0.3315 0.4269  
ppb

Difference  
Dev - Ref, Dynamic Range



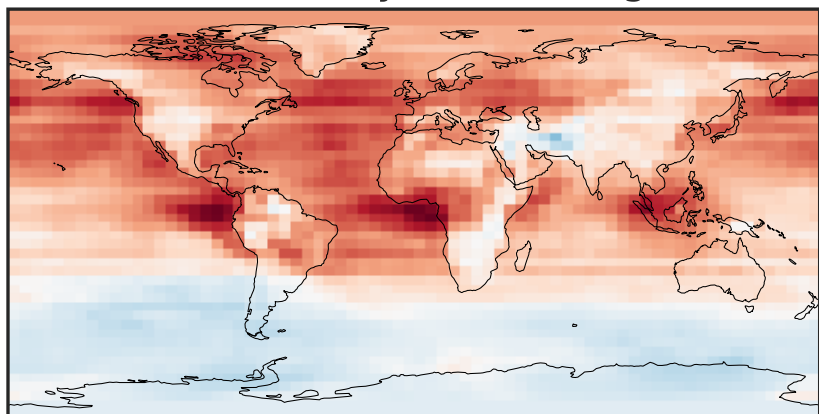
-0.005 0.000 0.005  
ppb

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



-0.0025 0.0000 0.0025  
ppb

Ratio  
Dev/Ref, Dynamic Range



0.96721 0.98361 1.00000 1.01695 1.03390  
unitless

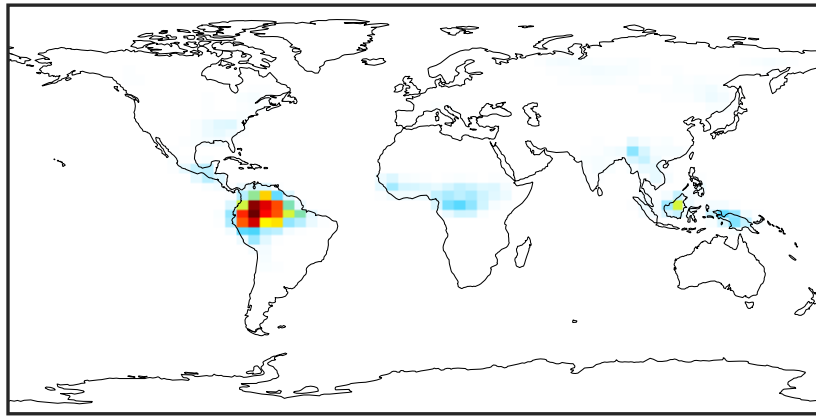
Ratio  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

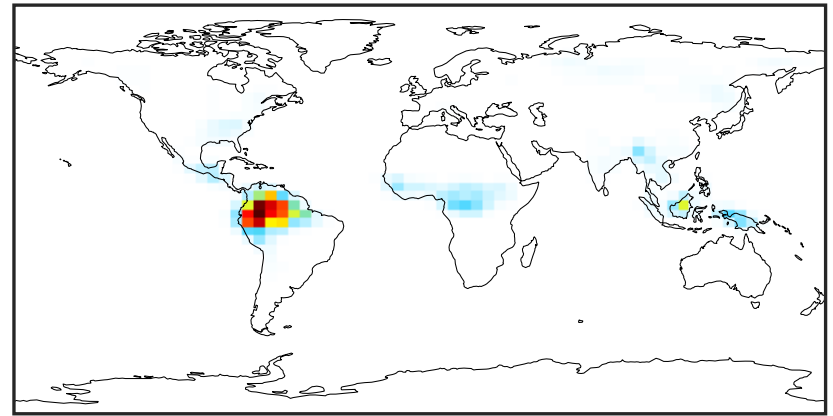
# SpeciesConcVV\_HPALDs (Jul2019)

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



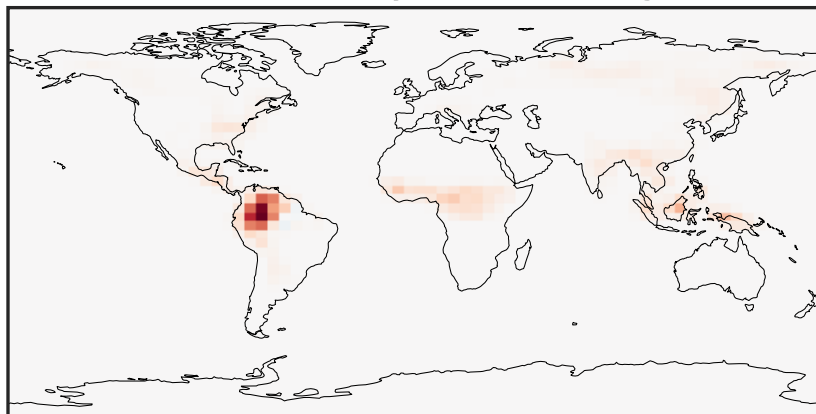
0.000 0.002 0.004 0.006  
ppb

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



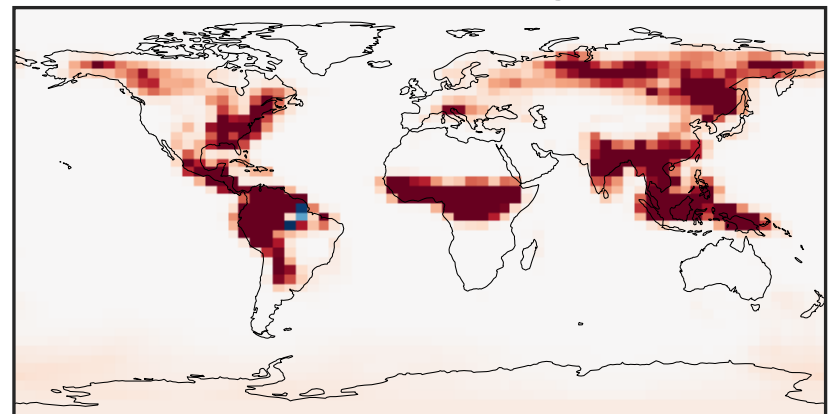
0.000 0.002 0.004 0.006  
ppb

Difference  
Dev - Ref, Dynamic Range



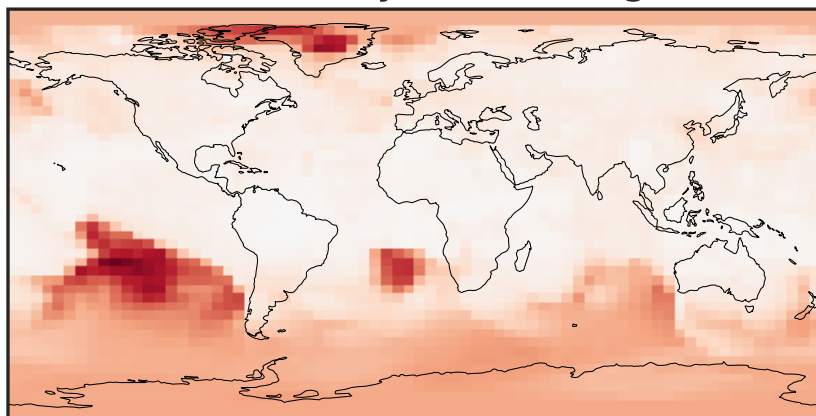
-0.00015 0.00000 0.00015  
ppb

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



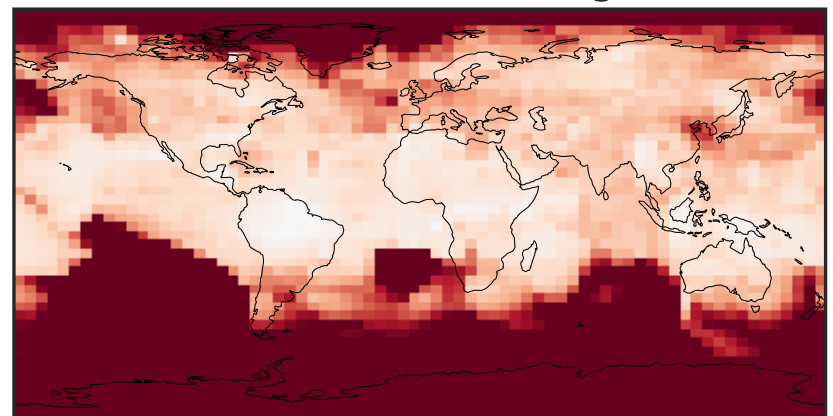
-5 0 5  
ppb  $1e-6$

Ratio  
Dev/Ref, Dynamic Range



$1e-01$  1 10  
unitless

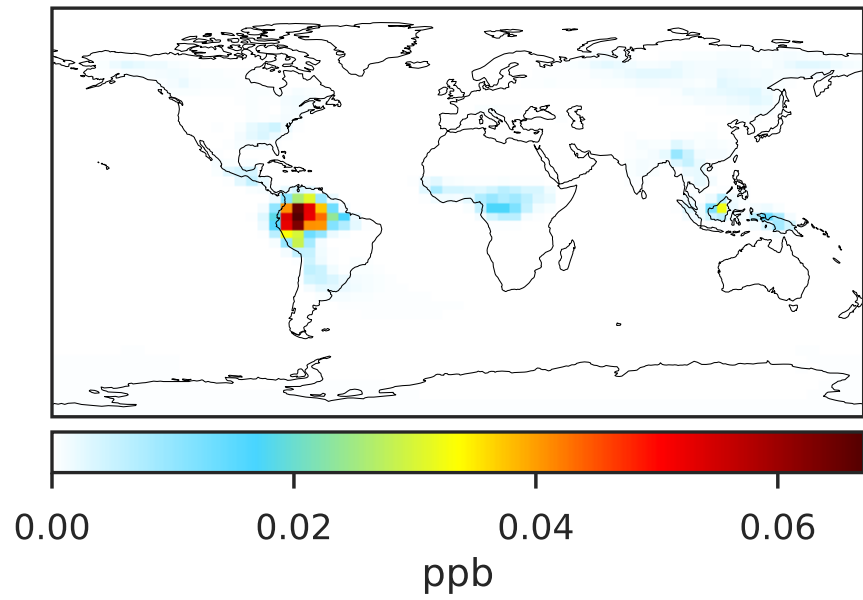
Ratio  
Dev/Ref, Fixed Range



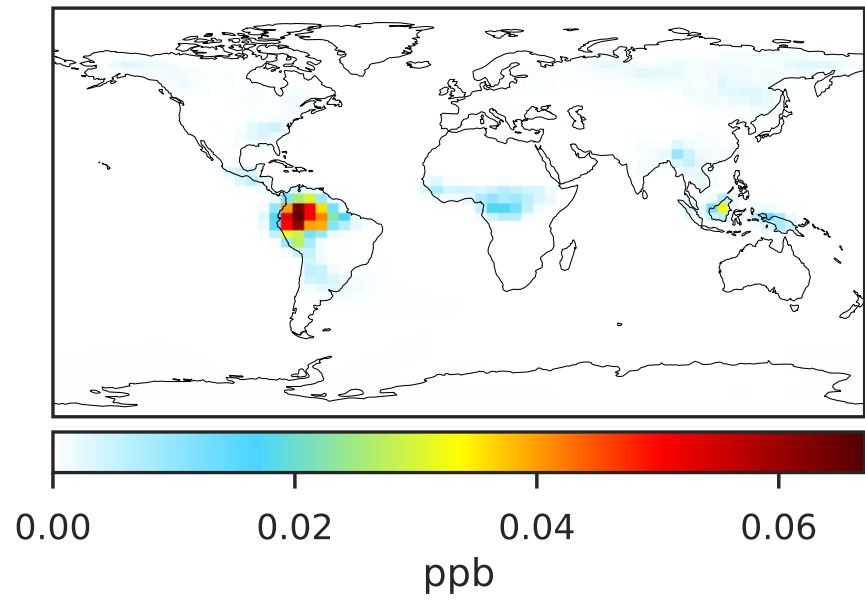
0.50 0.75 1.00 1.50 2.00  
unitless

# SpeciesConcVV\_MACR (Jul2019)

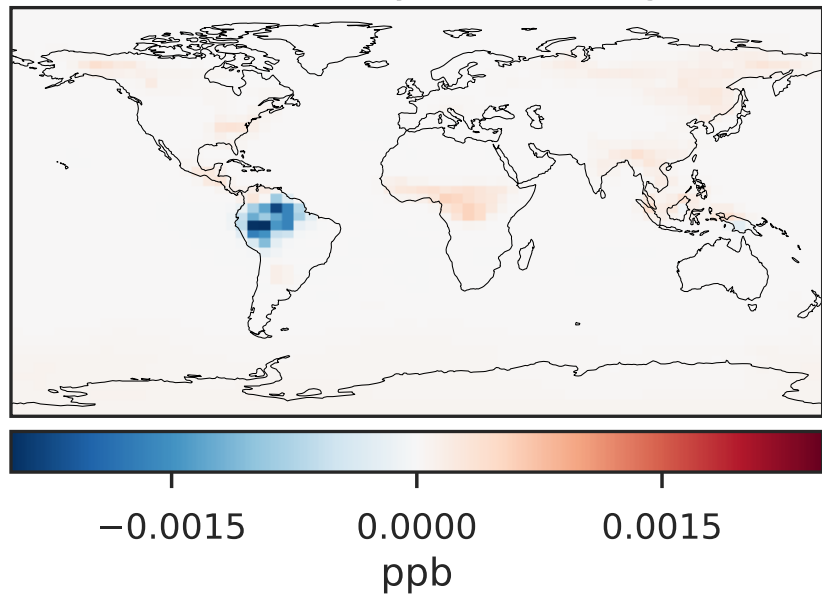
14.2.0-rc.2 (Ref)  
4.0x5.0



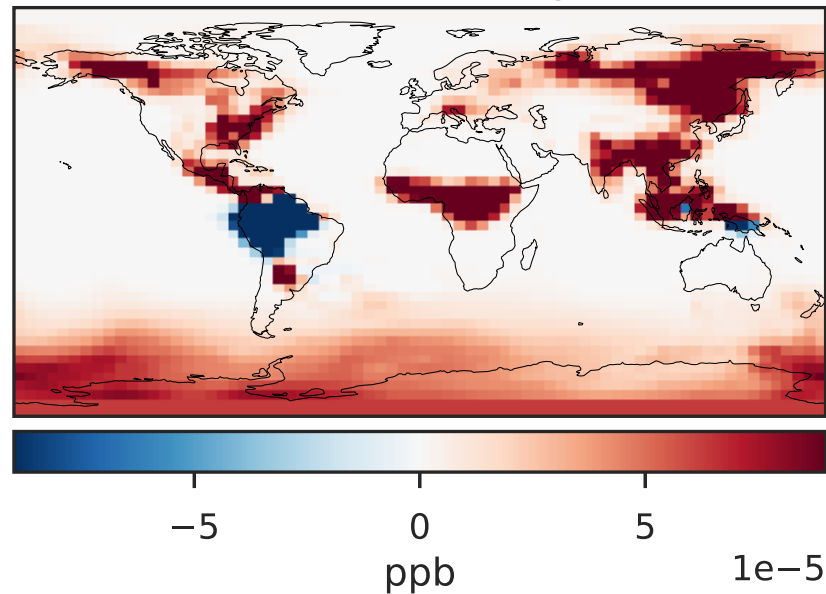
14.3.0-rc.0 (Dev)  
4.0x5.0



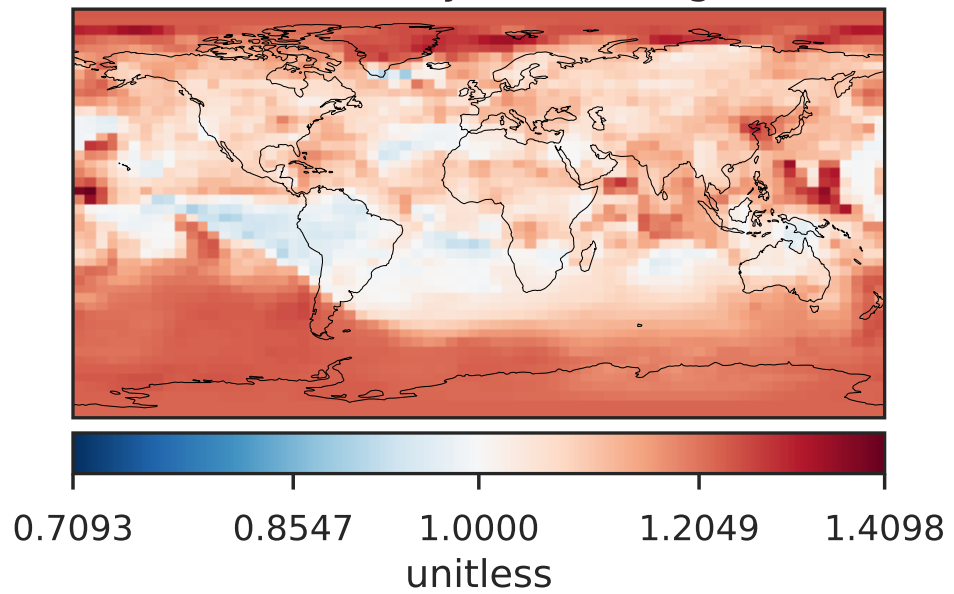
Difference  
Dev - Ref, Dynamic Range



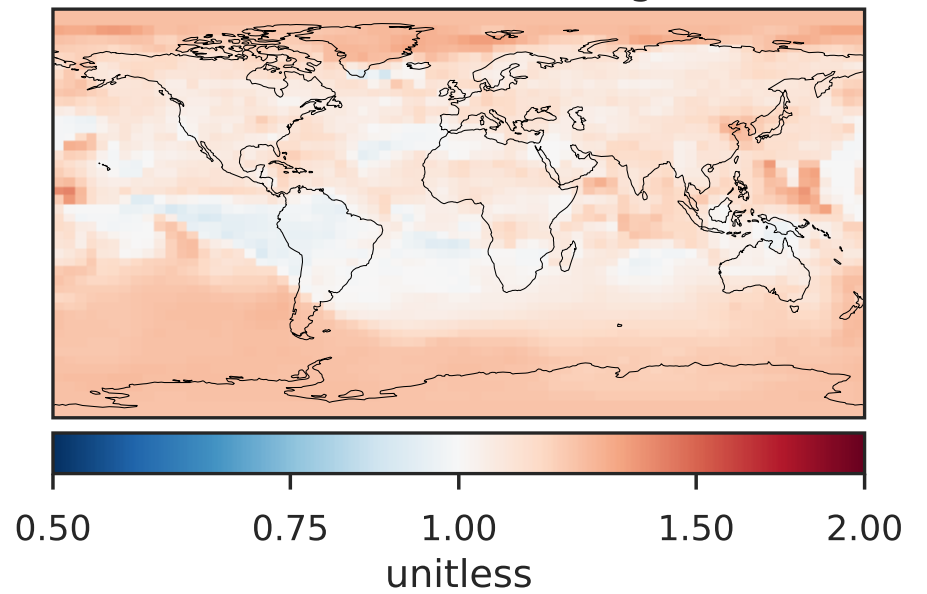
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

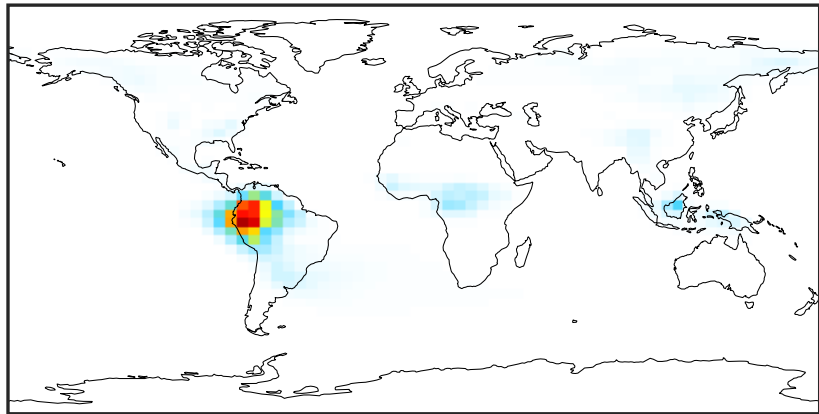


Ratio  
Dev/Ref, Fixed Range



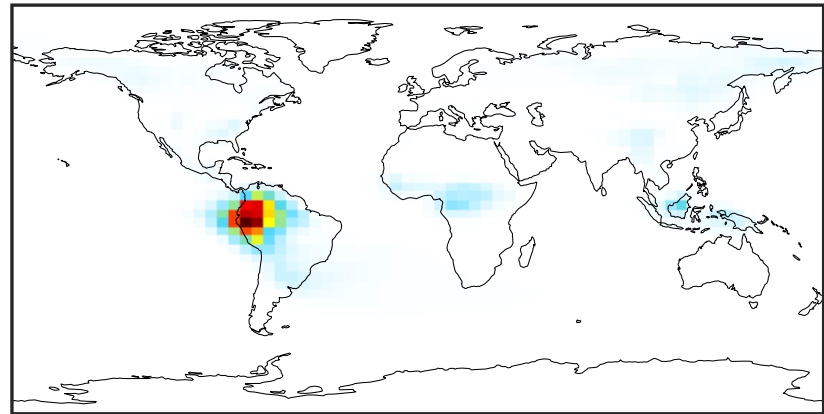
# SpeciesConcVV\_IEPOX (Jul2019)

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



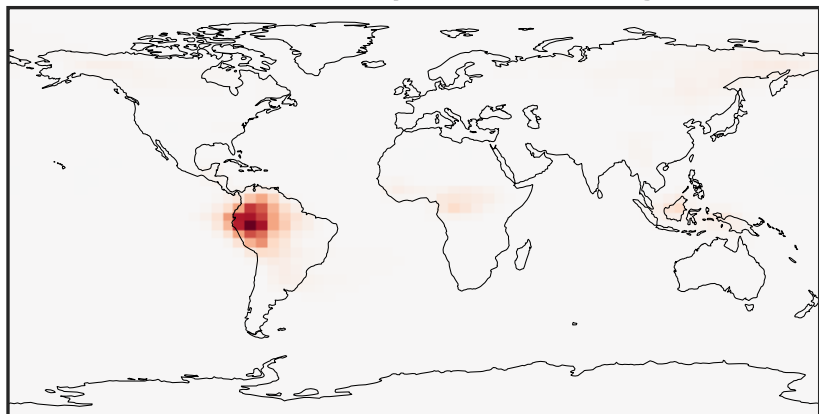
0.0000 0.0273 0.0546 0.0819 0.1092  
ppb

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



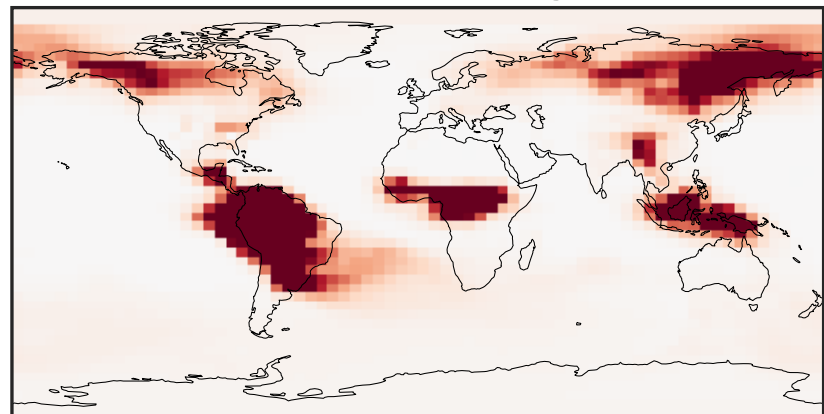
0.0000 0.0273 0.0546 0.0819 0.1092  
ppb

Difference  
Dev - Ref, Dynamic Range



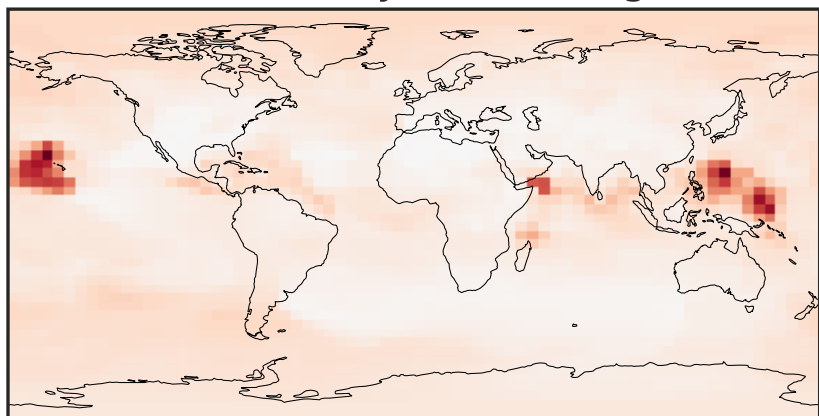
-0.008 0.000 0.008  
ppb

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



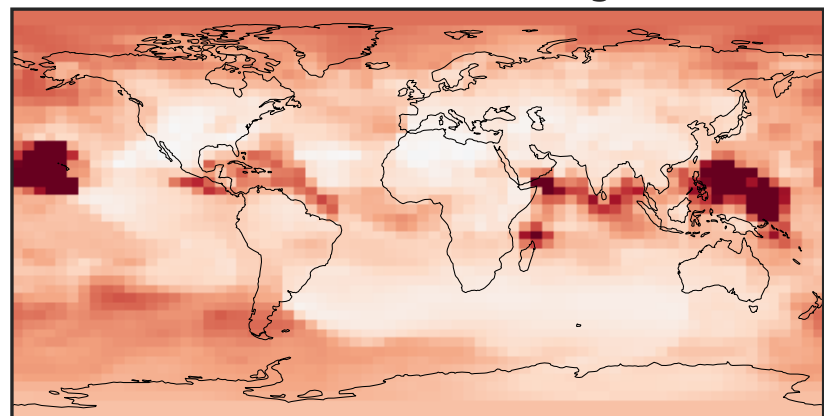
-0.00025 0.00000 0.00025  
ppb

Ratio  
Dev/Ref, Dynamic Range



0.143 0.572 1.000 3.986 6.971  
unitless

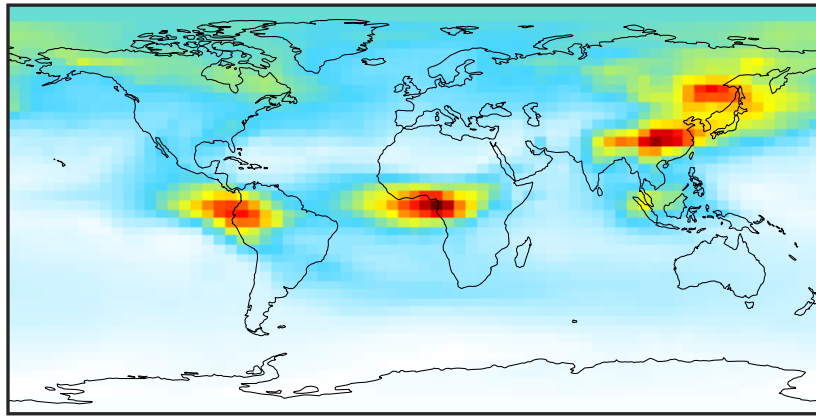
Ratio  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

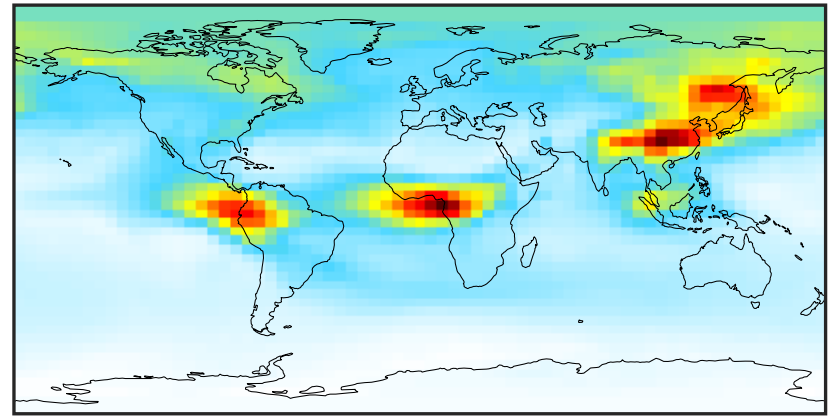
# SpeciesConcVV\_ACET (Jul2019)

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



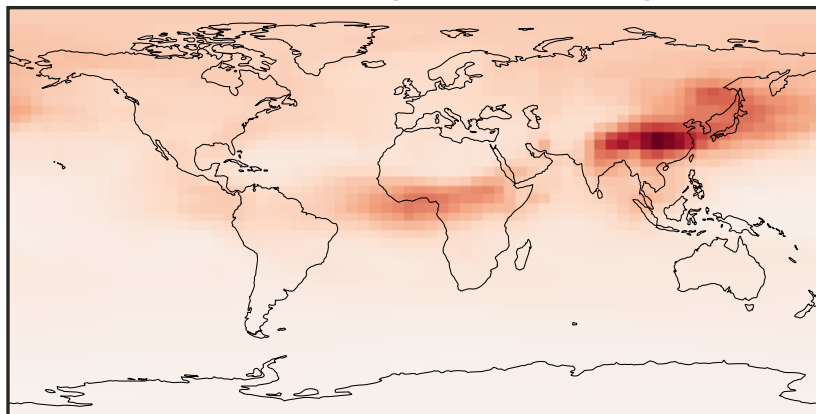
0.315 0.788 1.260 1.733 2.206  
ppb

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



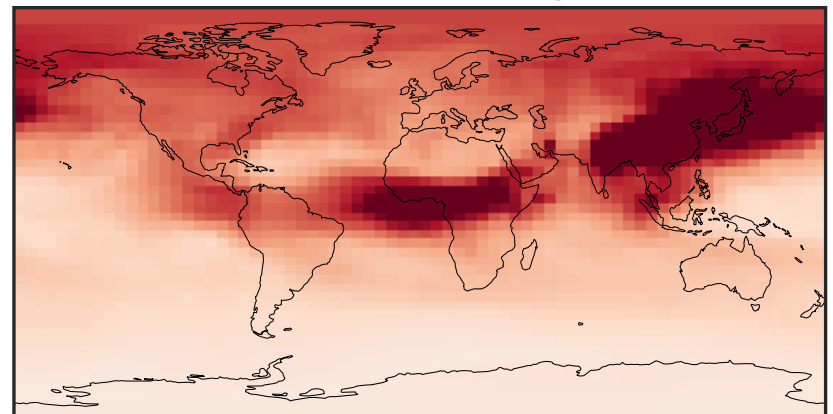
0.315 0.788 1.260 1.733 2.206  
ppb

Difference  
Dev - Ref, Dynamic Range



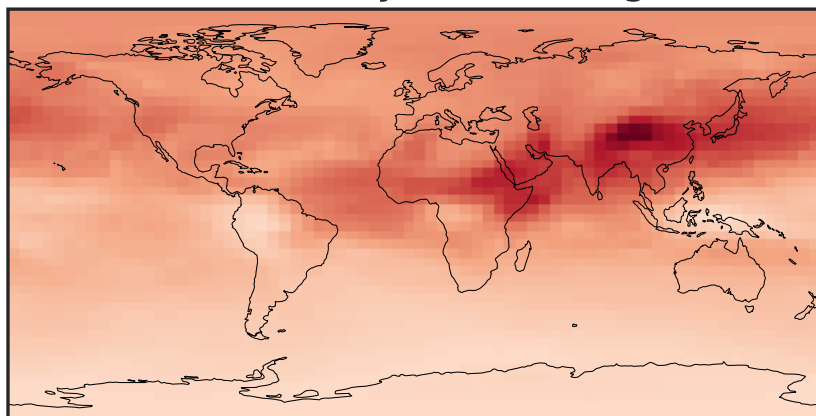
-0.1487 -0.0744 0.0000 0.0744 0.1487  
ppb

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



-0.0539 -0.0269 0.0000 0.0269 0.0539  
ppb

Ratio  
Dev/Ref, Dynamic Range



0.9145 0.9573 1.0000 1.0467 1.0934  
unitless

Ratio  
Dev/Ref, Fixed Range

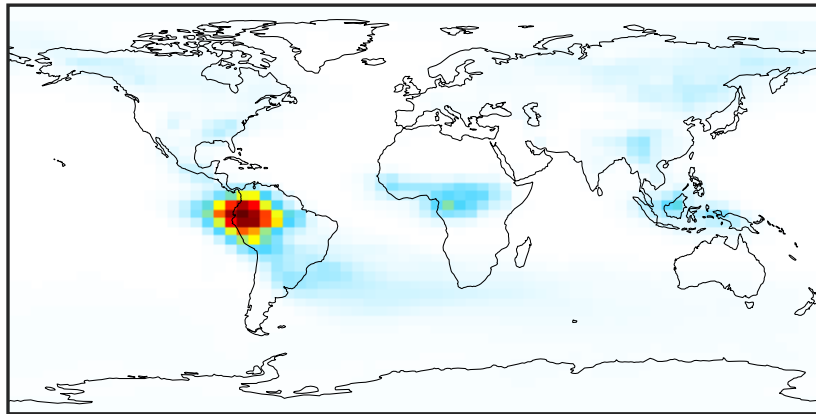


0.50 0.75 1.00 1.50 2.00  
unitless



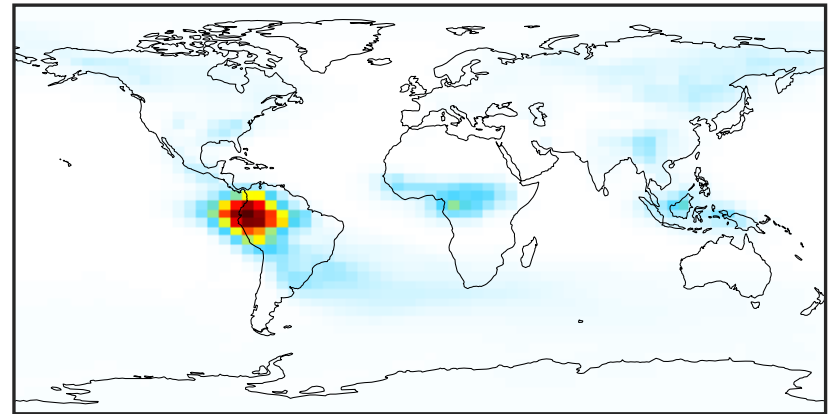
# SpeciesConcVV\_HAC (Jul2019)

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



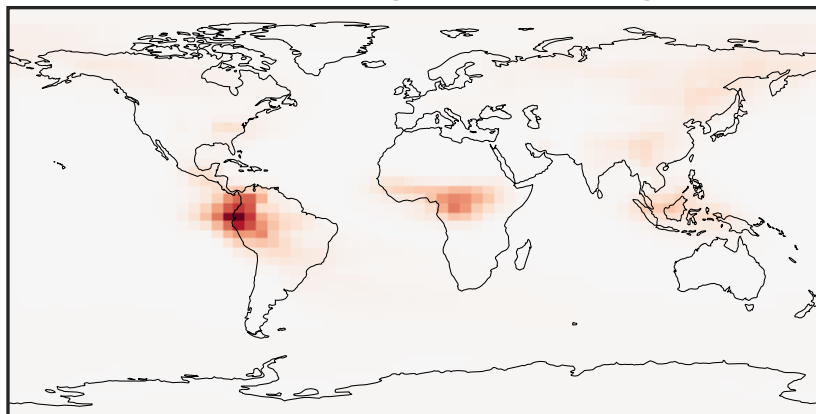
0.0001 0.0524 0.1047 0.1571 0.2094  
ppb

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



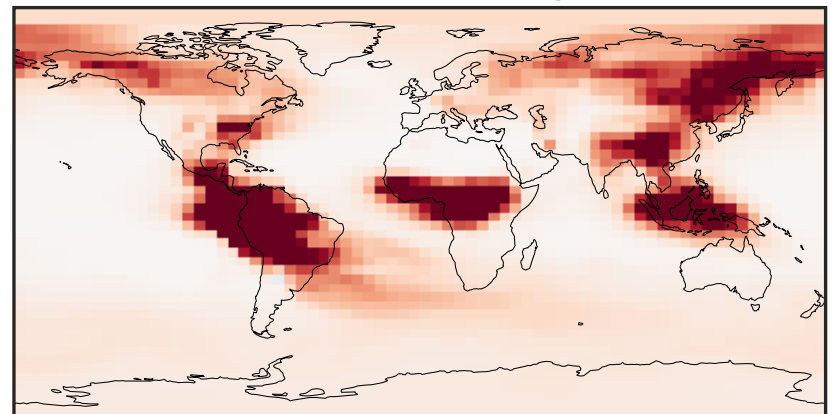
0.0001 0.0524 0.1047 0.1571 0.2094  
ppb

Difference  
Dev - Ref, Dynamic Range



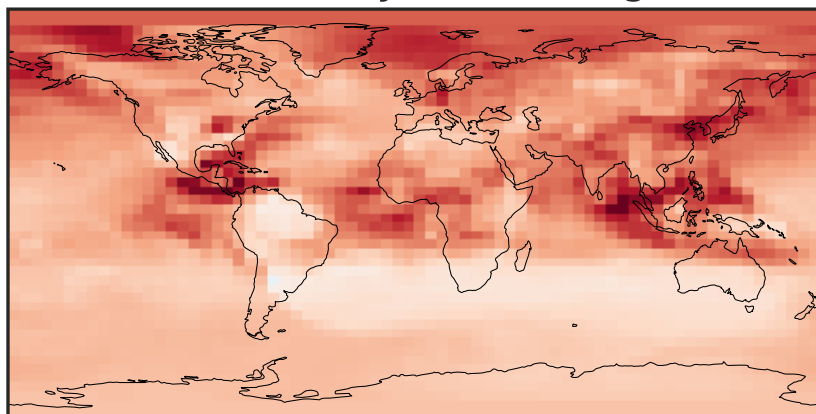
-0.004 0.000 0.004  
ppb

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



-0.0004 0.0000 0.0004  
ppb

Ratio  
Dev/Ref, Dynamic Range



0.8896 0.9448 1.0000 1.0620 1.1241  
unitless

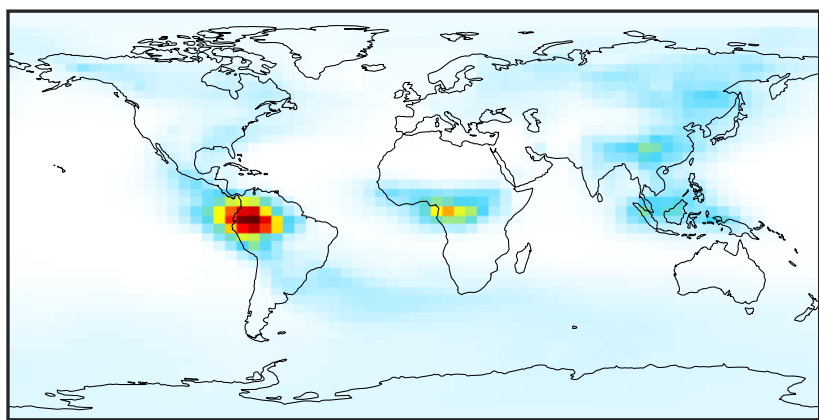
Ratio  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

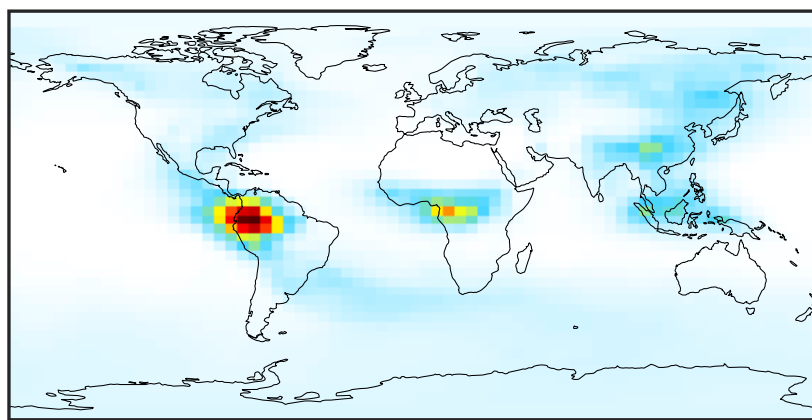
# SpeciesConcVV\_MEK (Jul2019)

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



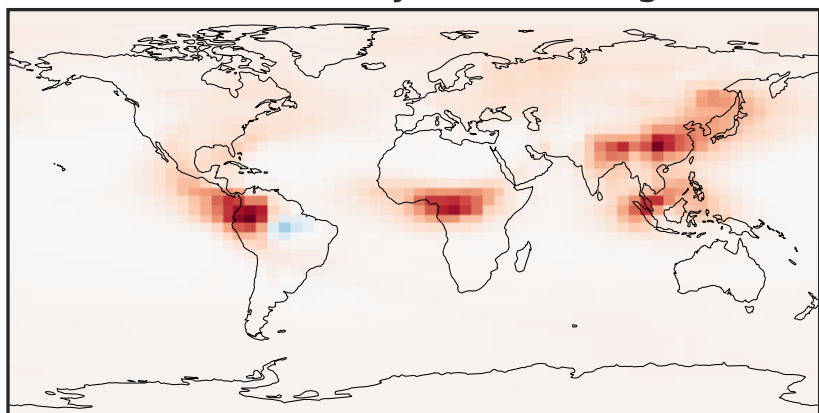
0.0001 0.0753 0.1505 0.2258 0.3010  
ppb

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



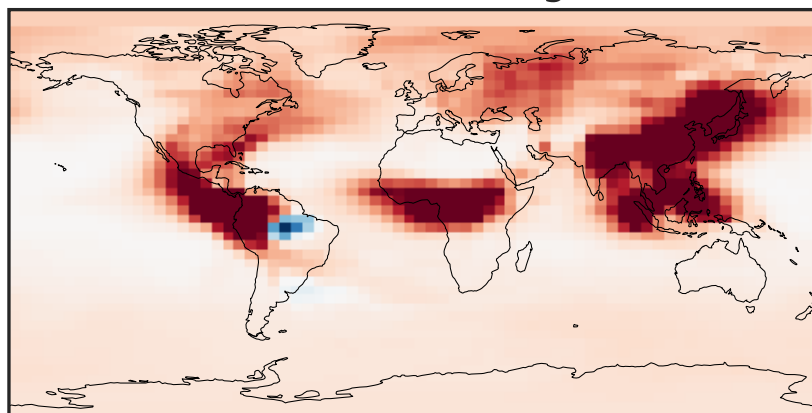
0.0001 0.0753 0.1505 0.2258 0.3010  
ppb

Difference  
Dev - Ref, Dynamic Range



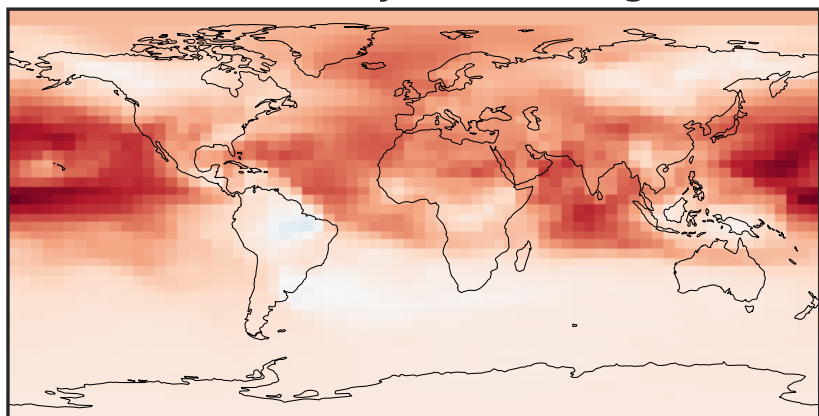
-0.004 0.000 0.004  
ppb

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



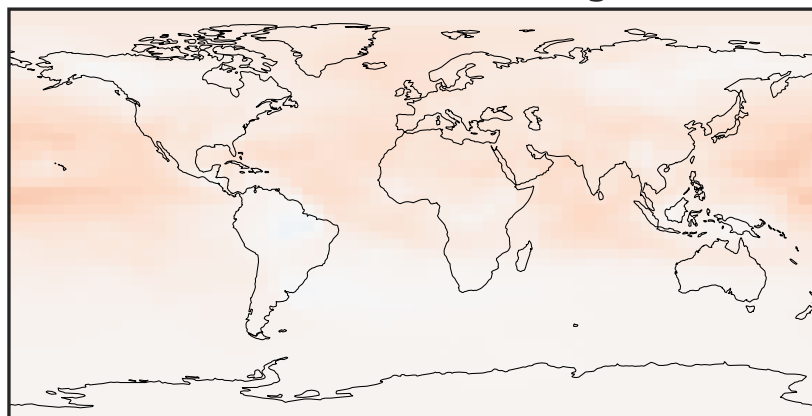
-0.001 0.000 0.001  
ppb

Ratio  
Dev/Ref, Dynamic Range



0.8328 0.9164 1.0000 1.1004 1.2008  
unitless

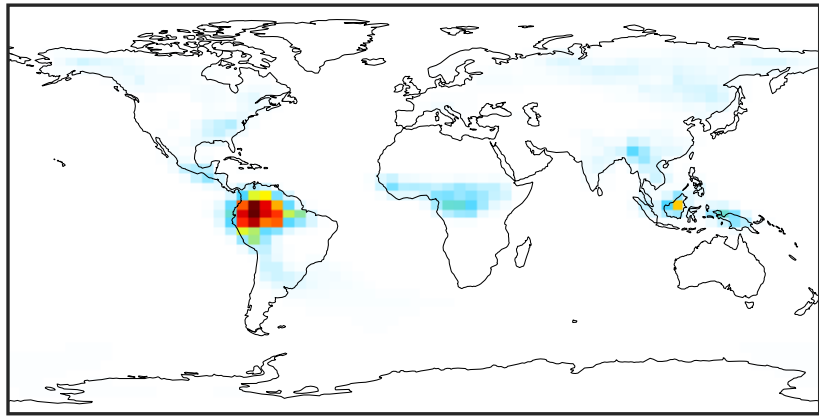
Ratio  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

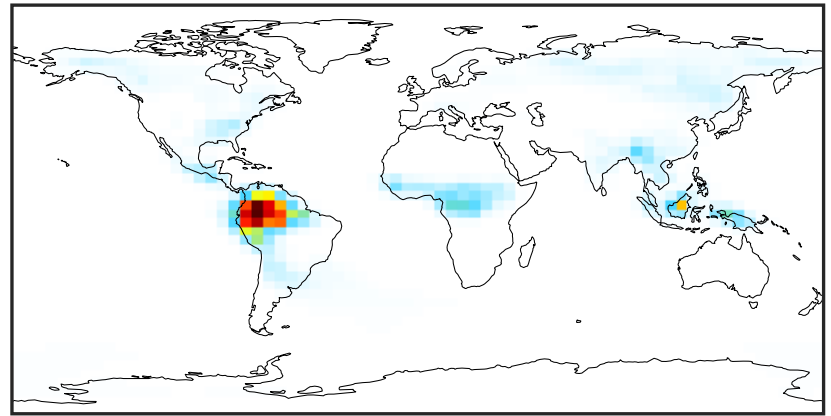
# SpeciesConcVV\_MVK (Jul2019)

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



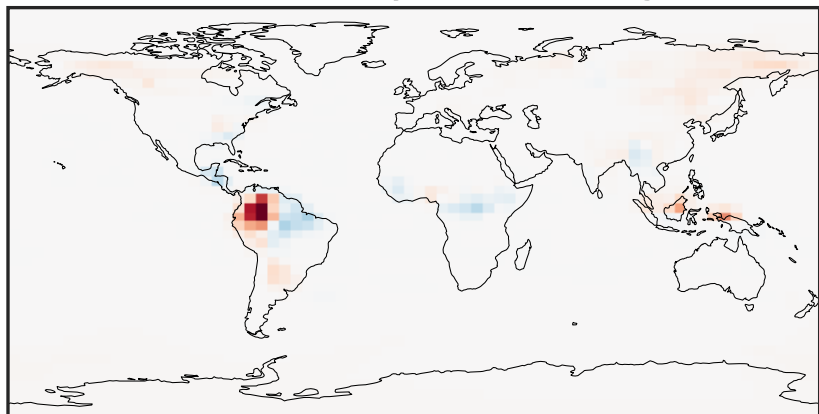
0.0000 0.0257 0.0514 0.0771 0.1029  
ppb

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



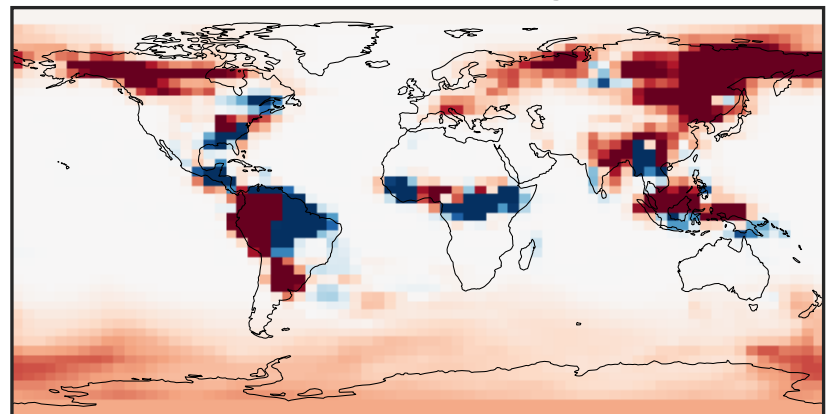
0.0000 0.0257 0.0514 0.0771 0.1029  
ppb

Difference  
Dev - Ref, Dynamic Range



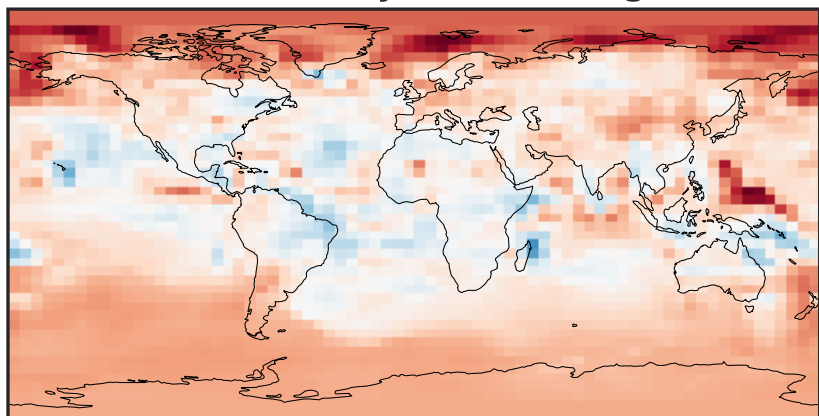
-0.0015 0.0000 0.0015  
ppb

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



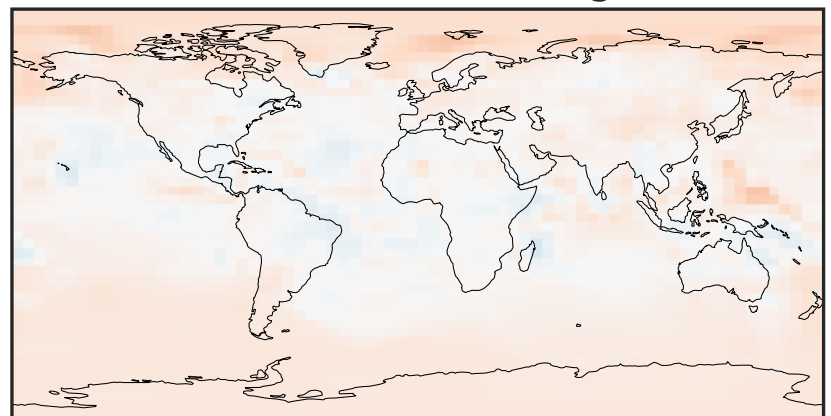
-4 0 4  
ppb  $1e-5$

Ratio  
Dev/Ref, Dynamic Range



0.8250 0.9125 1.0000 1.1061 1.2121  
unitless

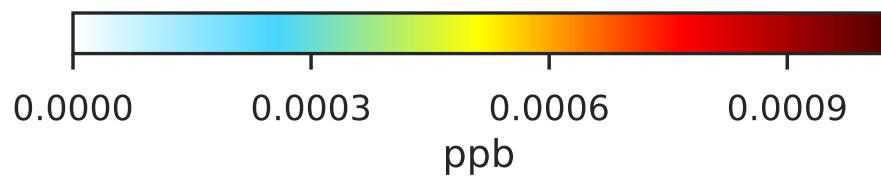
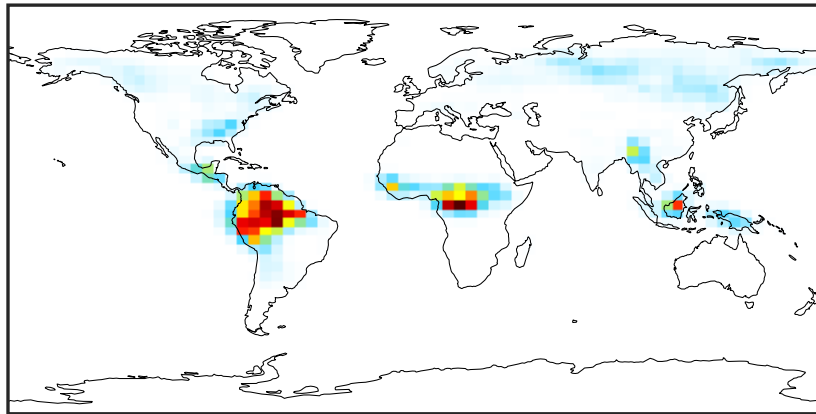
Ratio  
Dev/Ref, Fixed Range



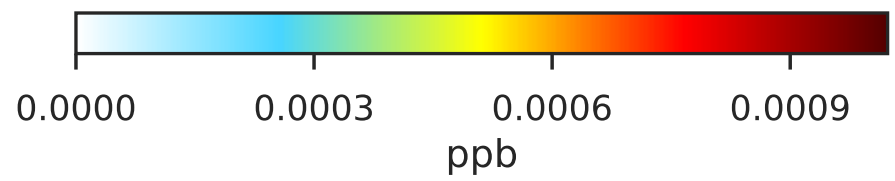
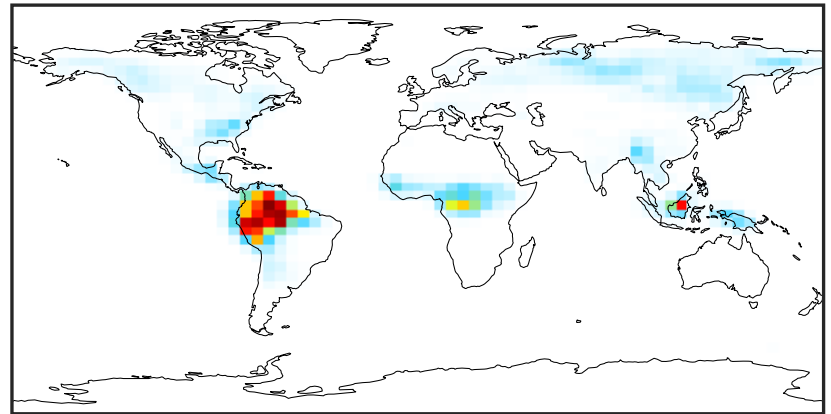
0.50 0.75 1.00 1.50 2.00  
unitless

# SpeciesConcVV\_ISOPN (Jul2019)

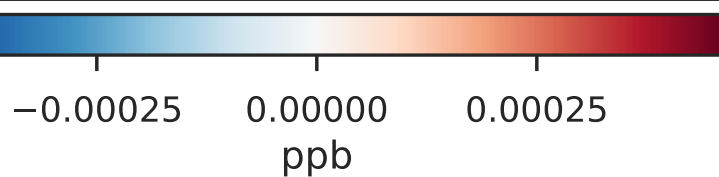
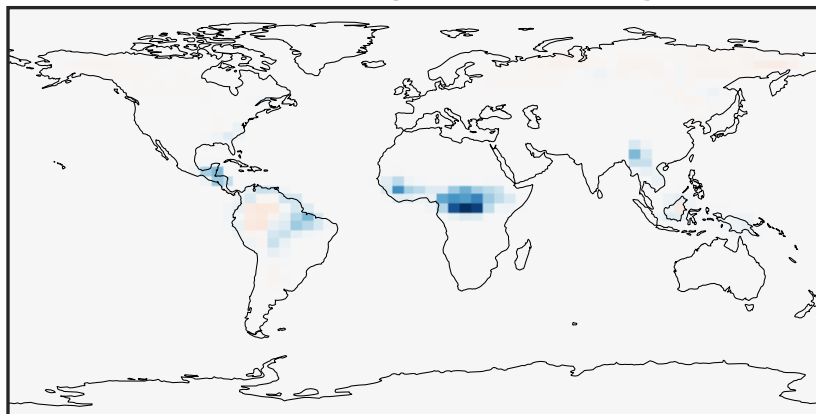
14.2.0-rc.2 (Ref)  
4.0x5.0



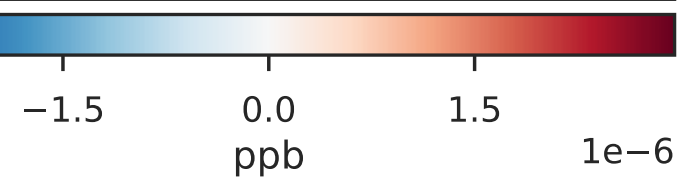
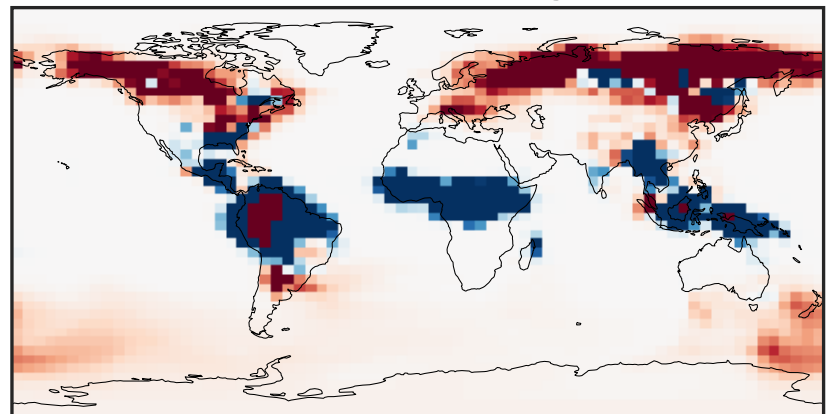
14.3.0-rc.0 (Dev)  
4.0x5.0



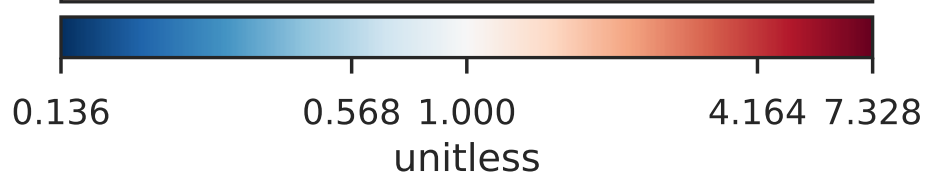
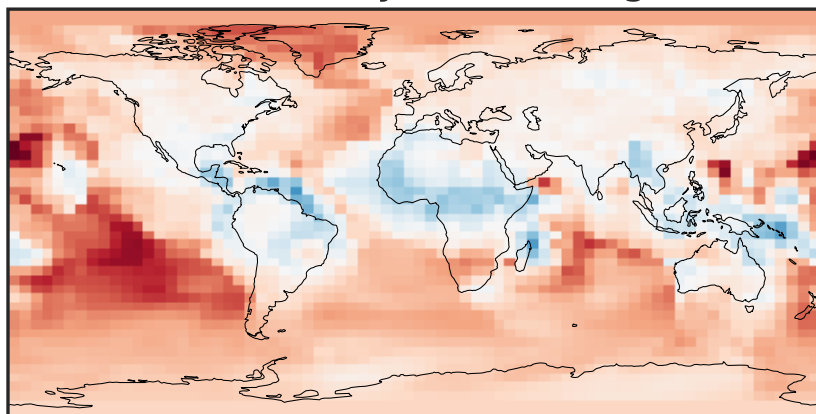
Difference  
Dev - Ref, Dynamic Range



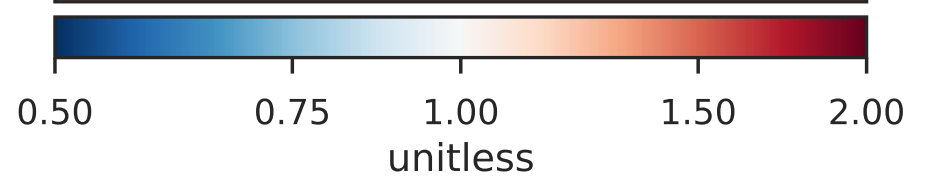
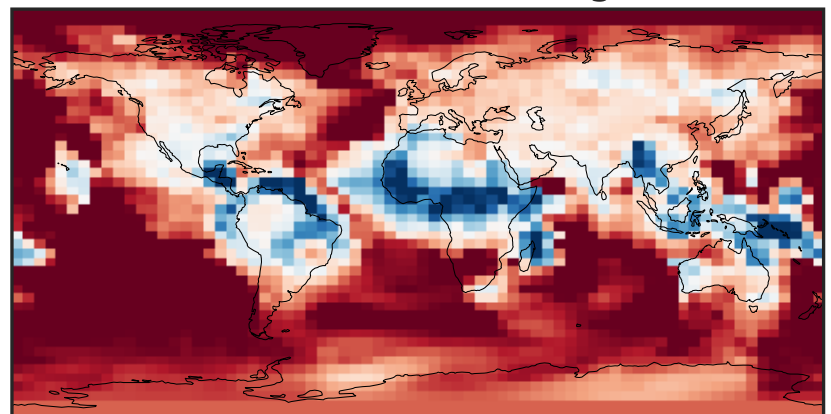
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

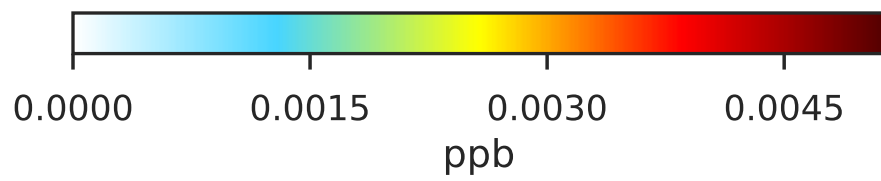
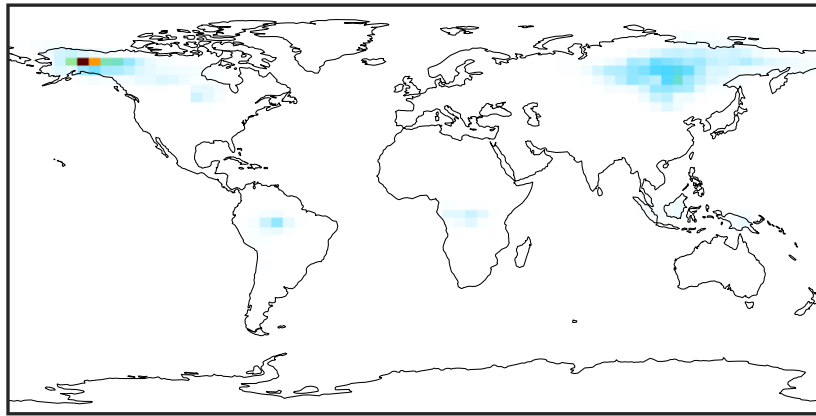


Ratio  
Dev/Ref, Fixed Range

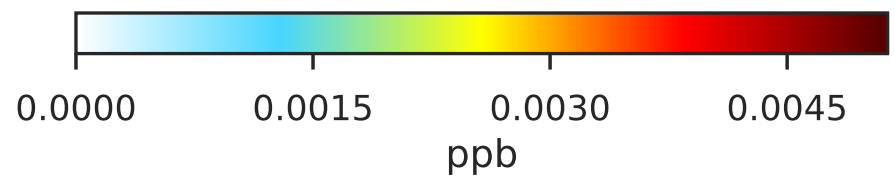
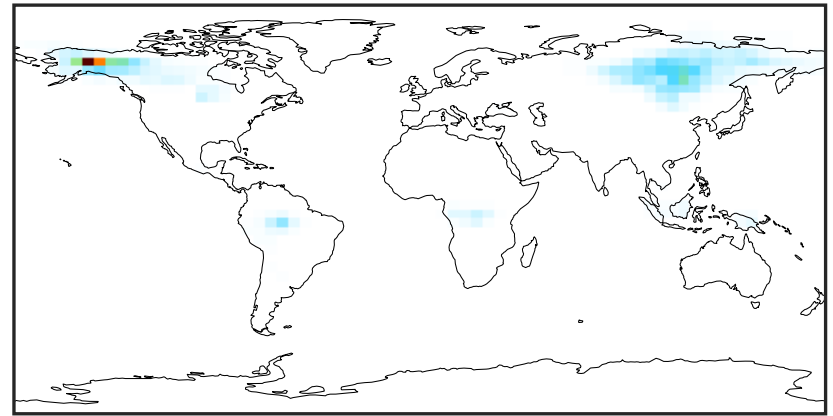


# SpeciesConcVV\_FURA (Jul2019)

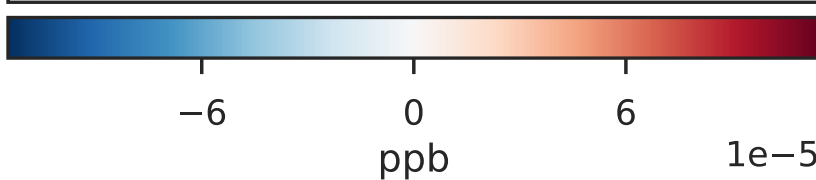
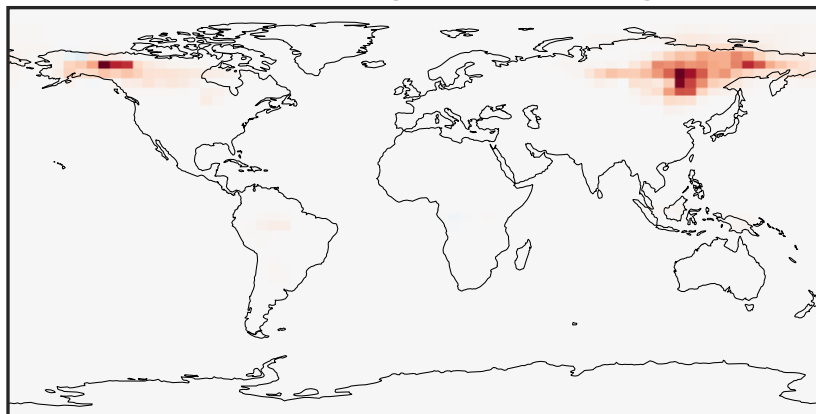
14.2.0-rc.2 (Ref)  
4.0x5.0



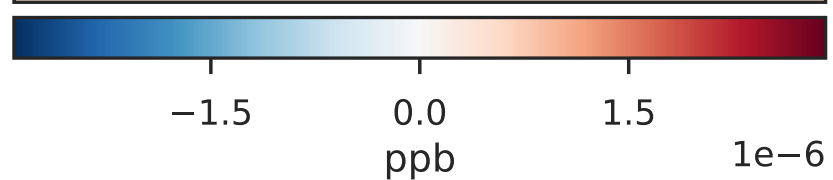
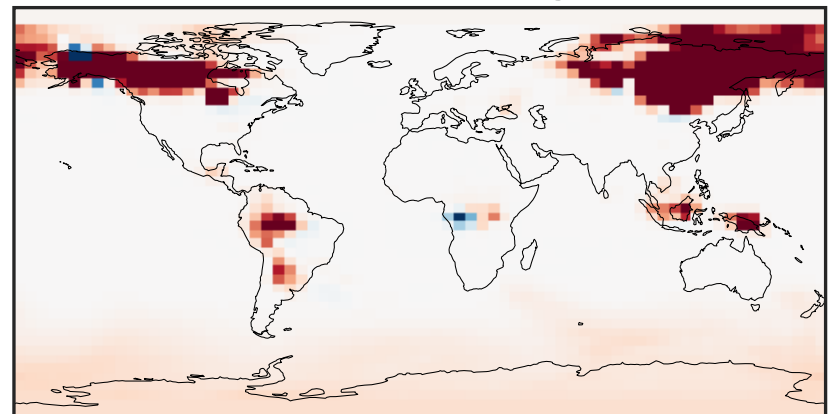
14.3.0-rc.0 (Dev)  
4.0x5.0



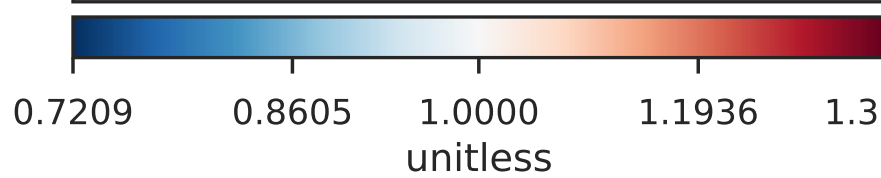
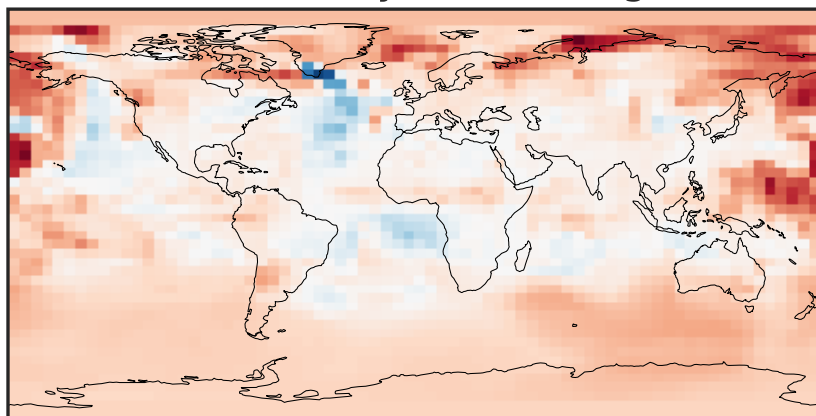
Difference  
Dev - Ref, Dynamic Range



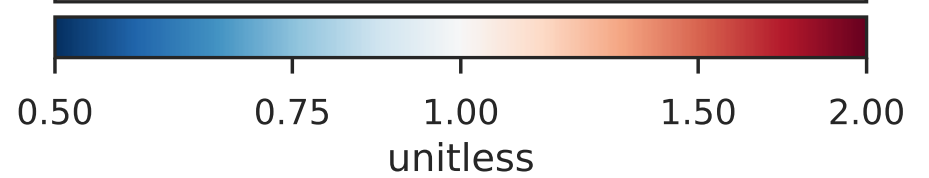
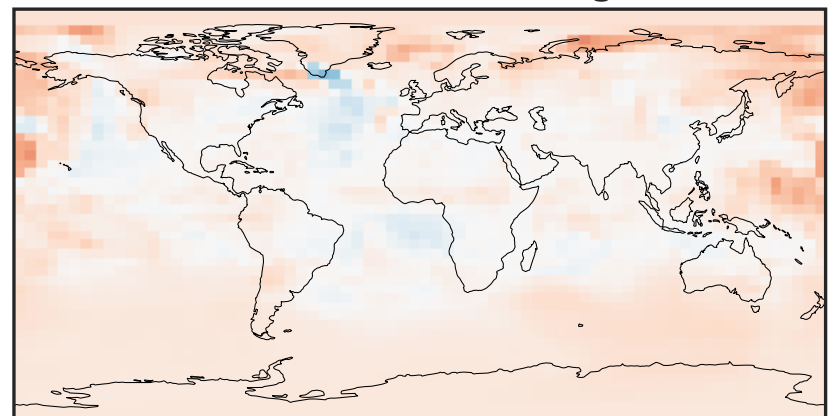
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

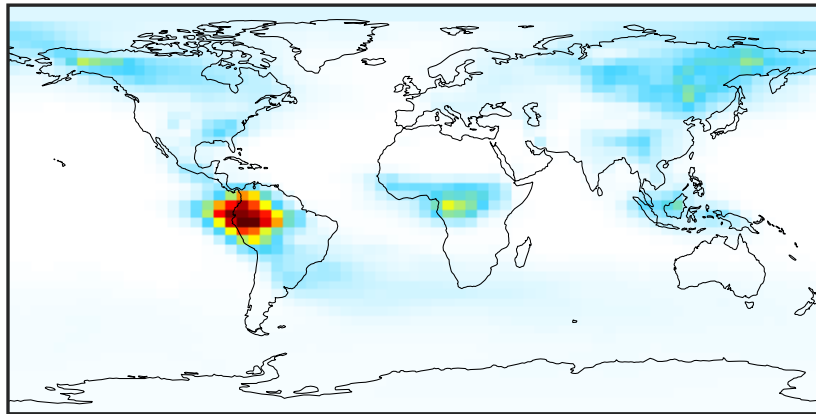


Ratio  
Dev/Ref, Fixed Range



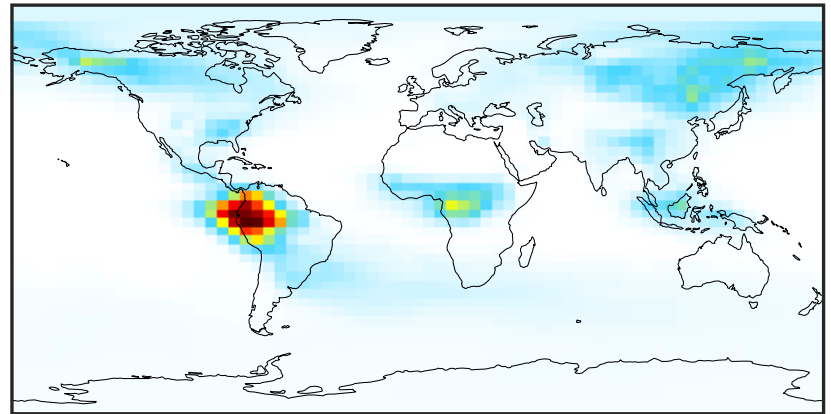
# SpeciesConcVV\_GLYC (Jul2019)

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



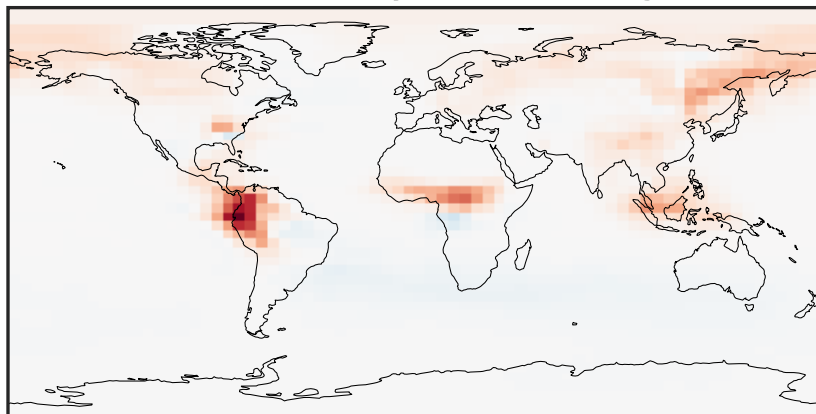
0.0000 0.0269 0.0539 0.0808 0.1077  
ppb

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



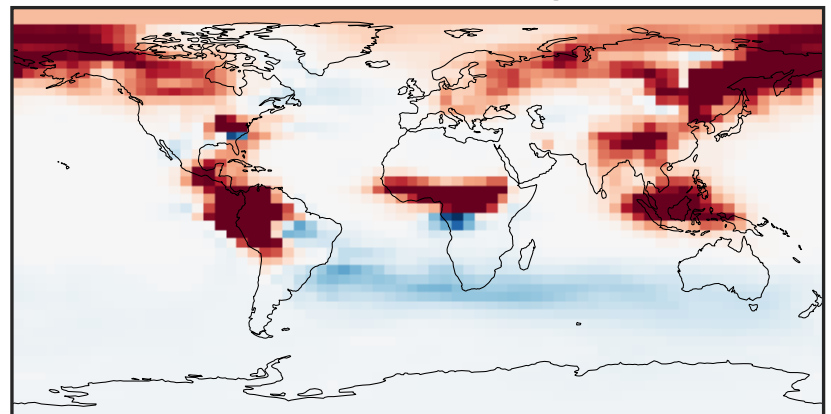
0.0000 0.0269 0.0539 0.0808 0.1077  
ppb

Difference  
Dev - Ref, Dynamic Range



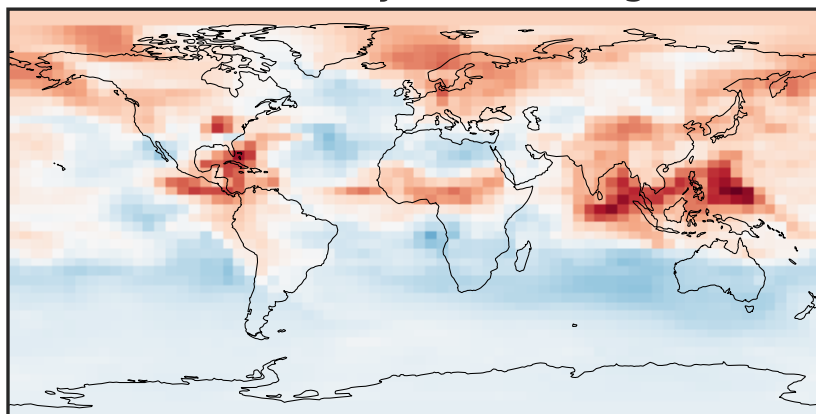
-0.0015 0.0000 0.0015  
ppb

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



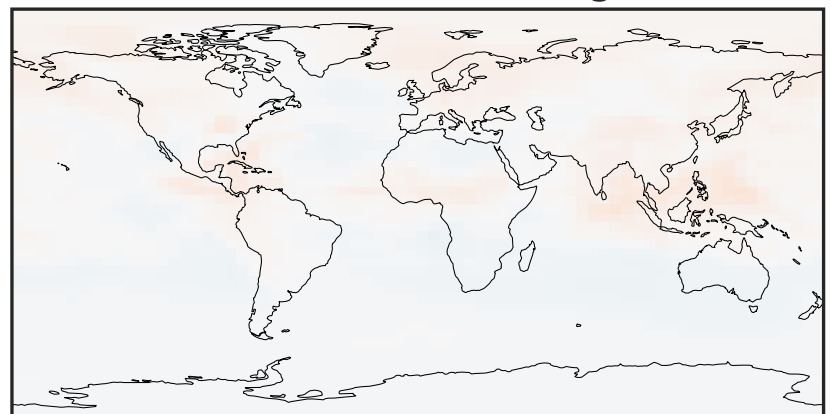
-0.0002 0.0000 0.0002  
ppb

Ratio  
Dev/Ref, Dynamic Range



0.9130 0.9565 1.0000 1.0477 1.0953  
unitless

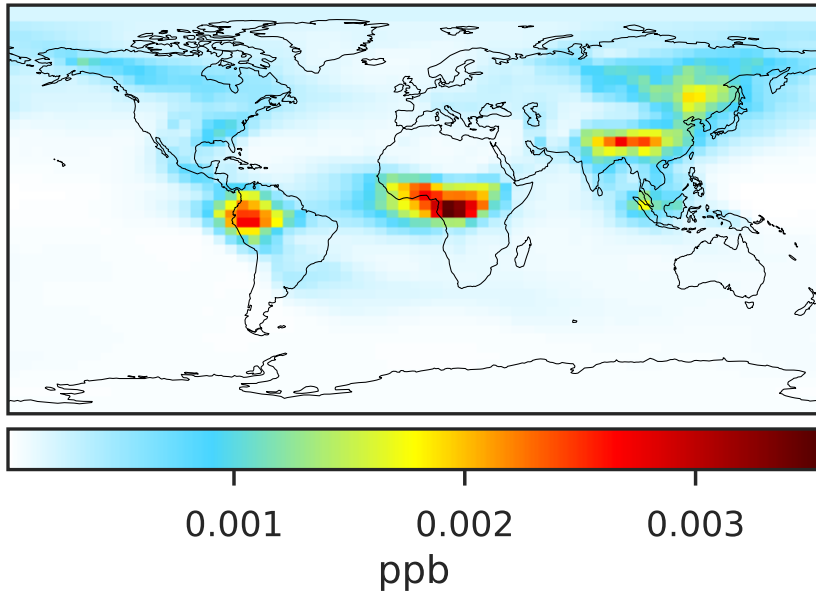
Ratio  
Dev/Ref, Fixed Range



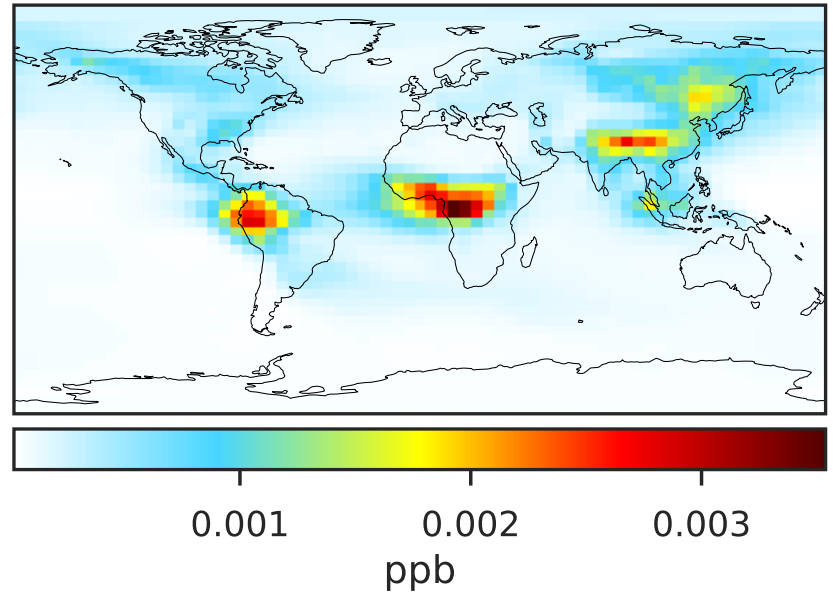
0.50 0.75 1.00 1.50 2.00  
unitless

# SpeciesConcVV\_GLYX (Jul2019)

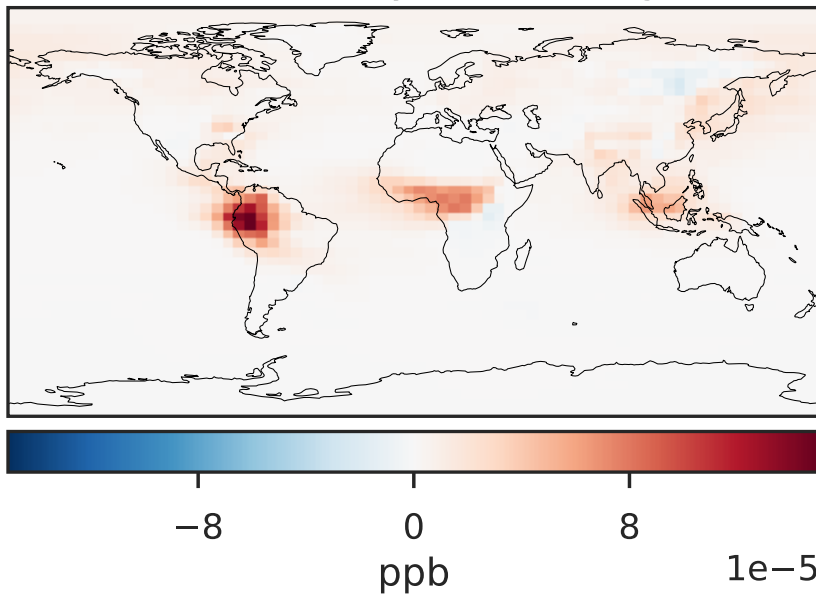
14.2.0-rc.2 (Ref)  
4.0x5.0



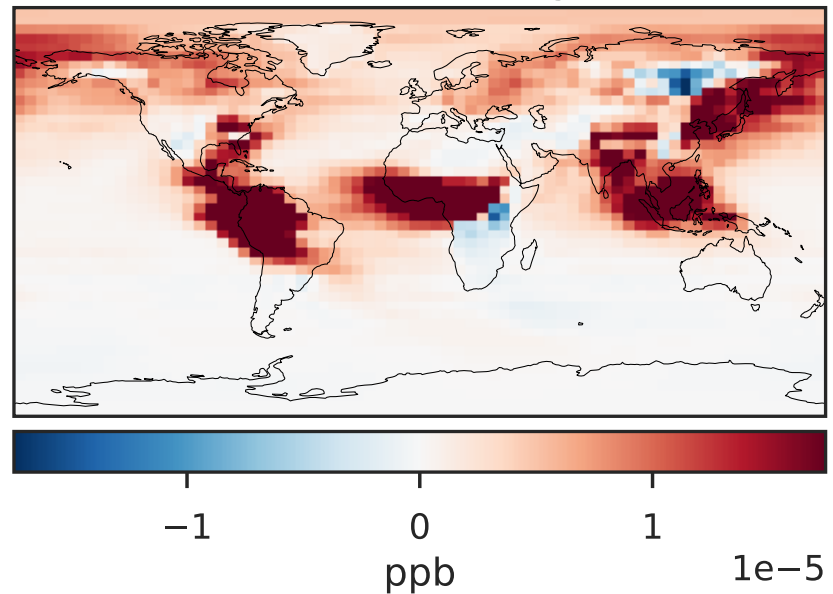
14.3.0-rc.0 (Dev)  
4.0x5.0



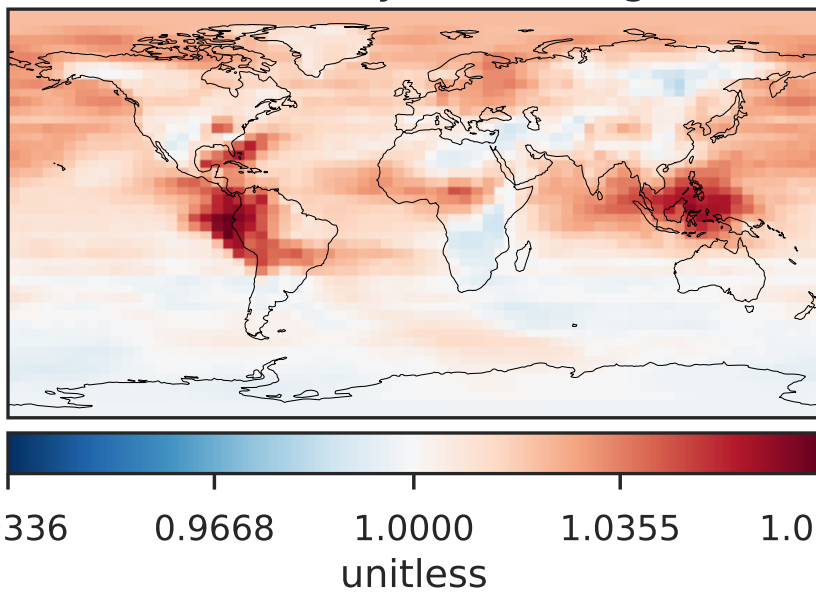
Difference  
Dev - Ref, Dynamic Range



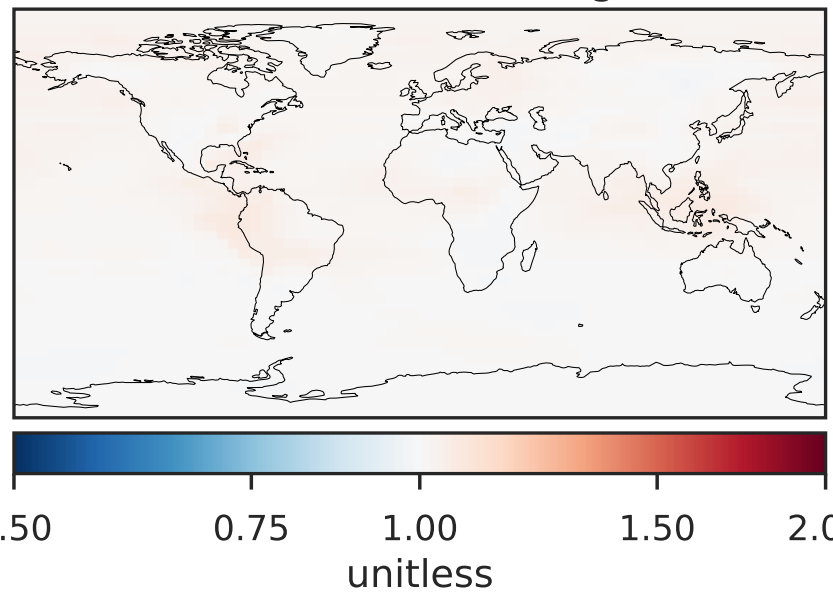
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

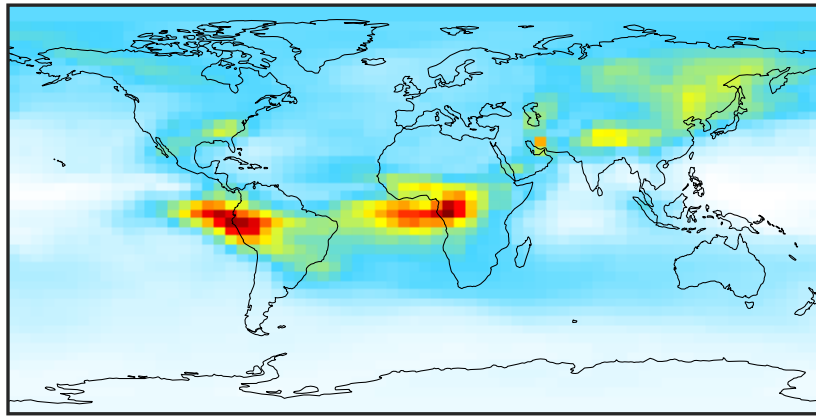


Ratio  
Dev/Ref, Fixed Range



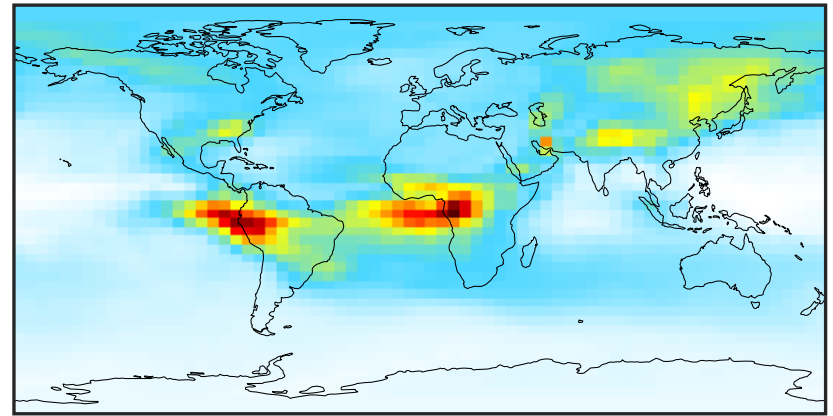
# SpeciesConcVV\_HCOOH (Jul2019)

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



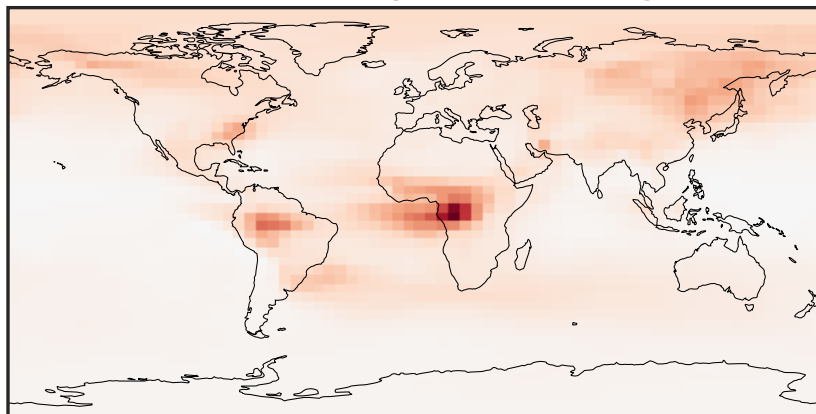
0.002 0.074 0.146 0.218 0.290  
ppb

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



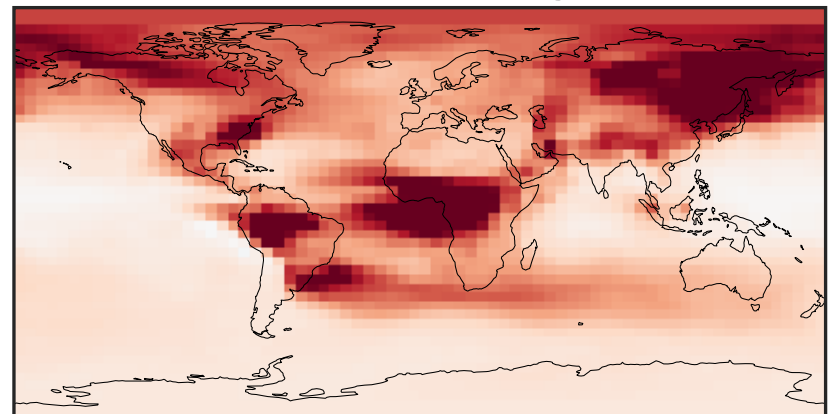
0.002 0.074 0.146 0.218 0.290  
ppb

Difference  
Dev - Ref, Dynamic Range



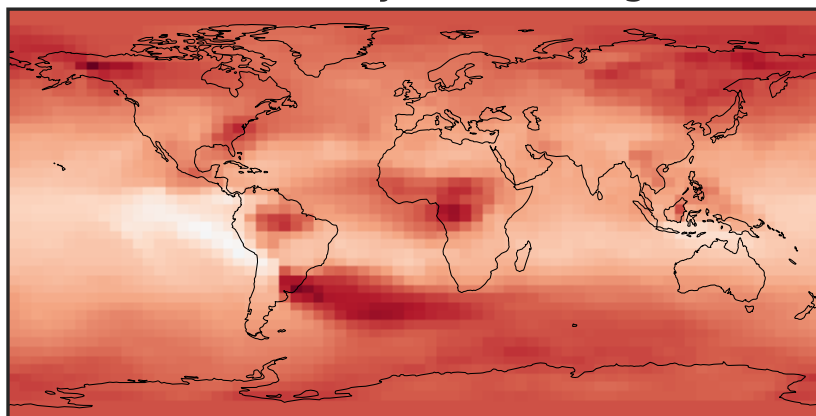
-0.015 0.000 0.015  
ppb

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



-0.003 0.000 0.003  
ppb

Ratio  
Dev/Ref, Dynamic Range



0.9176 0.9588 1.0000 1.0449 1.0898  
unitless

Ratio  
Dev/Ref, Fixed Range

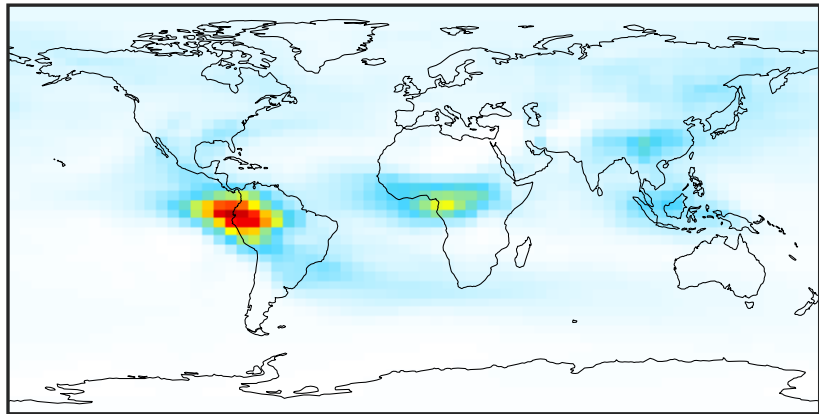


0.50 0.75 1.00 1.50 2.00  
unitless



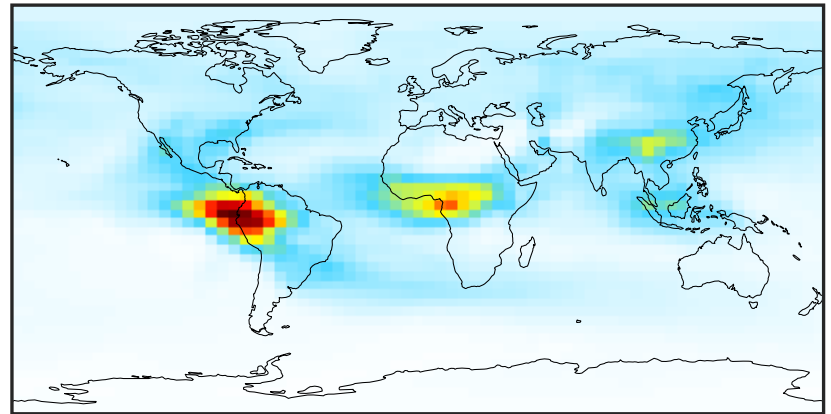
# SpeciesConcVV\_MAP (Jul2019)

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



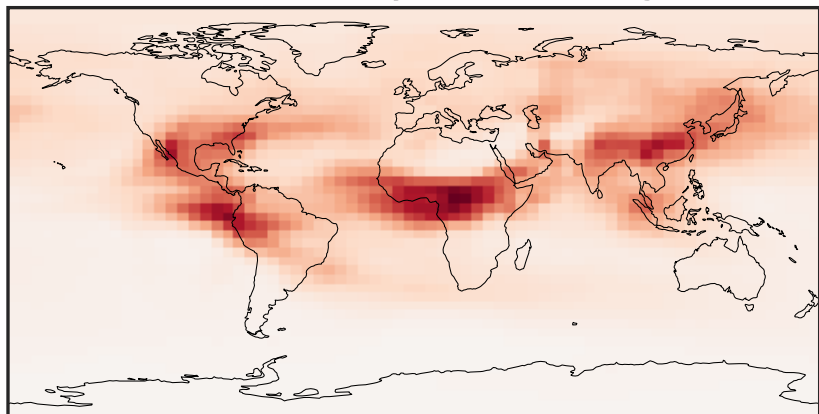
0.0063 0.1109 0.2155 0.3201 0.4247  
ppb

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



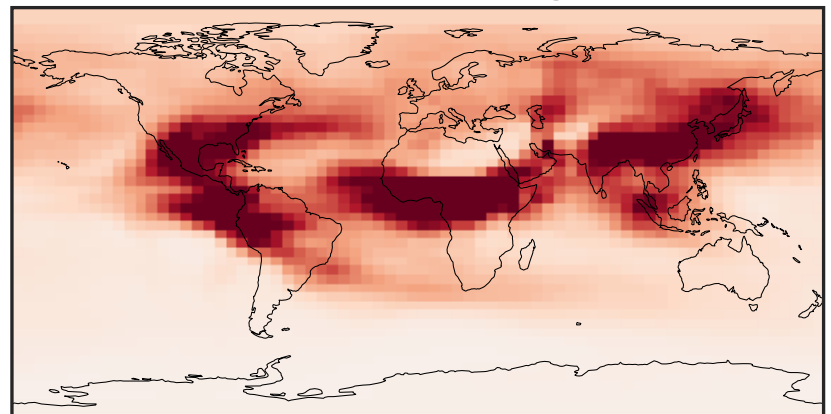
0.0063 0.1109 0.2155 0.3201 0.4247  
ppb

Difference  
Dev - Ref, Dynamic Range



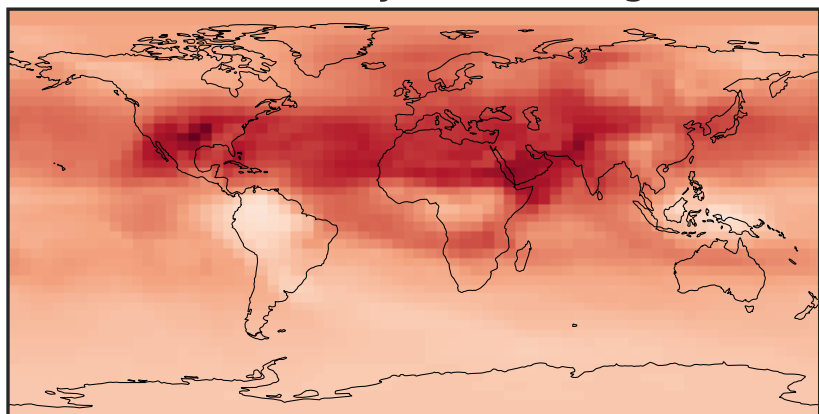
-0.0811 -0.0406 0.0000 0.0406 0.0811  
ppb

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



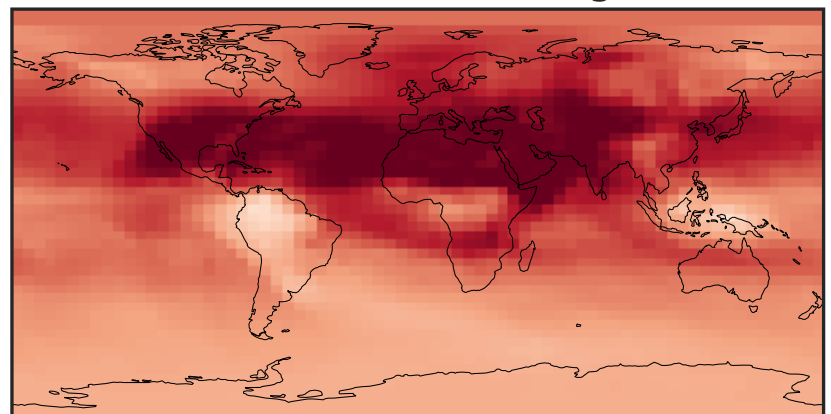
-0.025 0.000 0.025  
ppb

Ratio  
Dev/Ref, Dynamic Range



0.391 0.695 1.000 1.780 2.559  
unitless

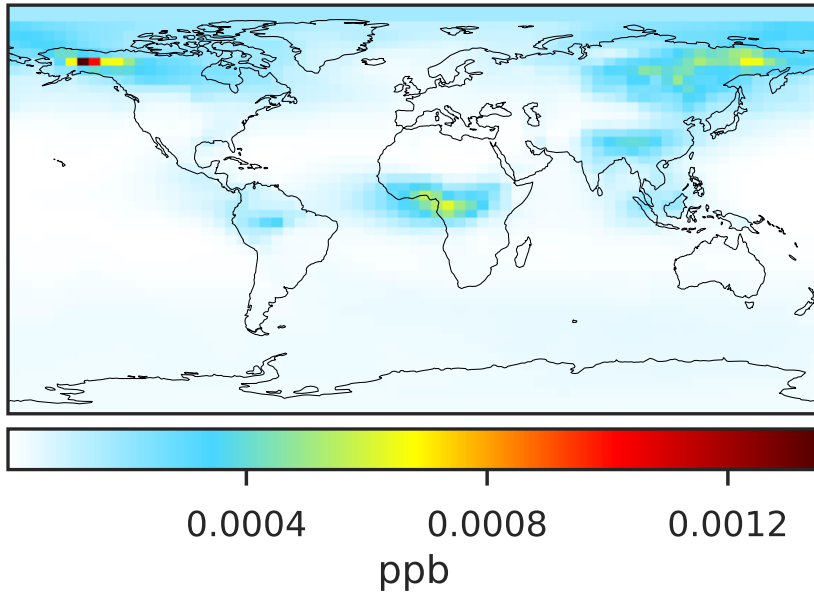
Ratio  
Dev/Ref, Fixed Range



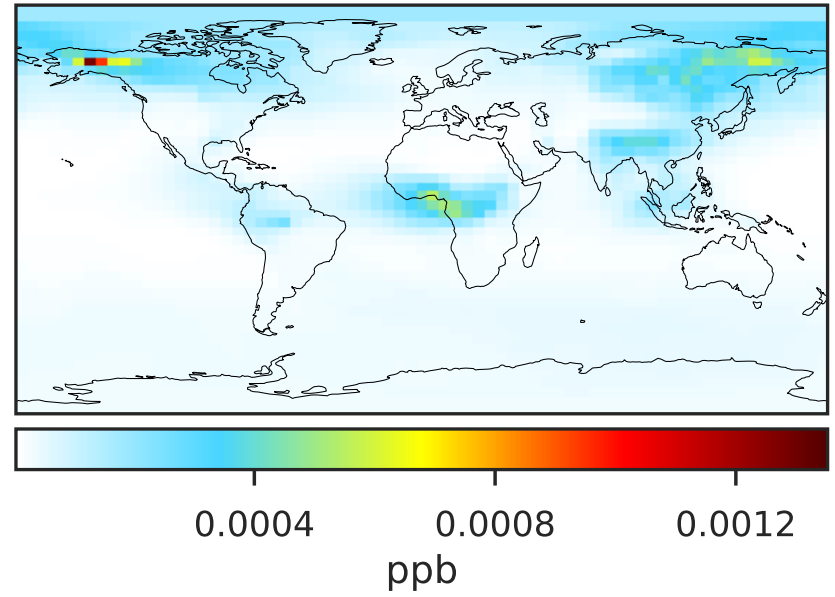
0.50 0.75 1.00 1.50 2.00  
unitless

# SpeciesConcVV\_PHEN (Jul2019)

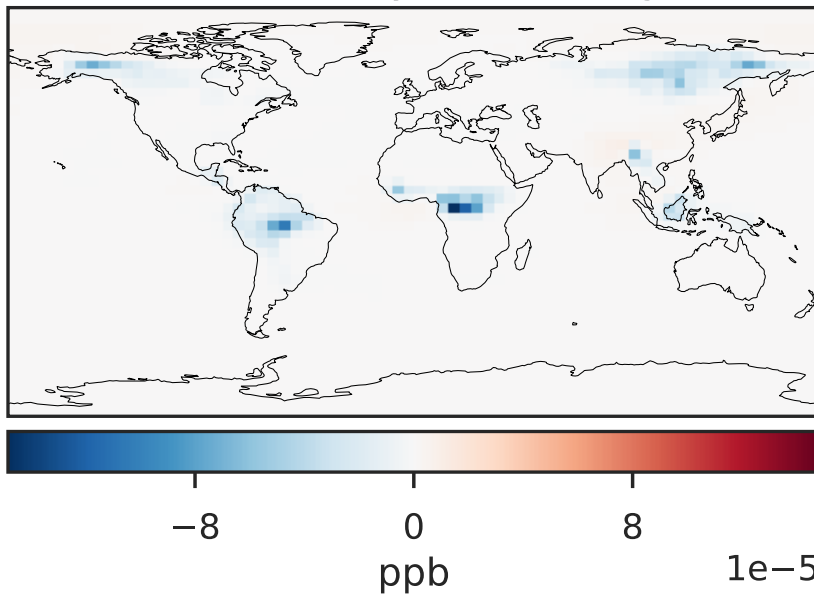
14.2.0-rc.2 (Ref)  
4.0x5.0



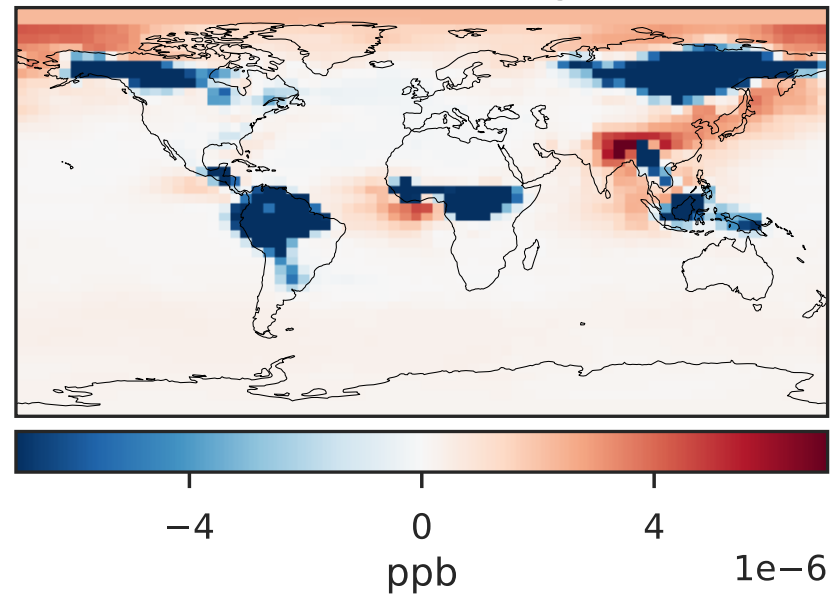
14.3.0-rc.0 (Dev)  
4.0x5.0



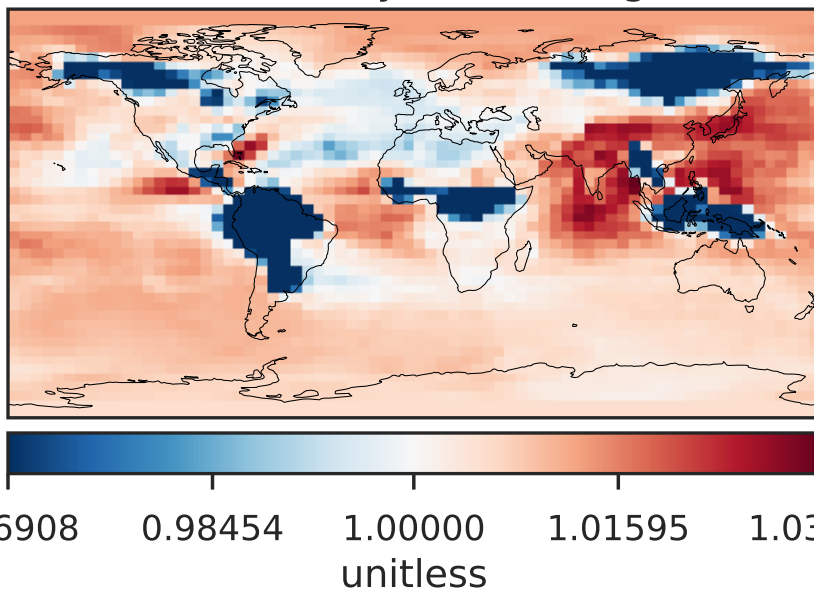
Difference  
Dev - Ref, Dynamic Range



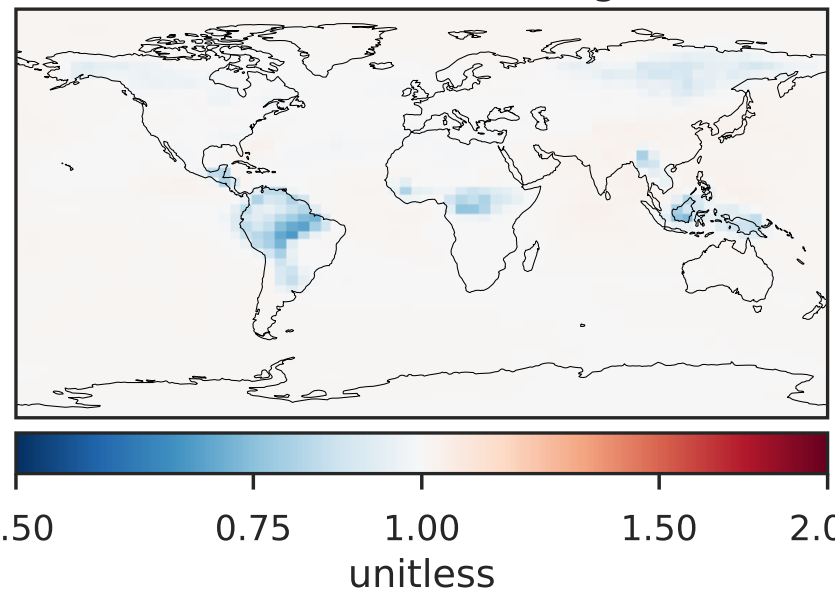
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

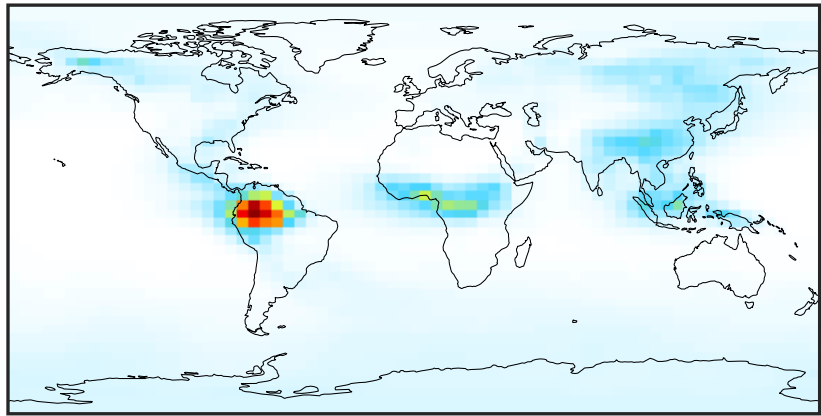


Ratio  
Dev/Ref, Fixed Range



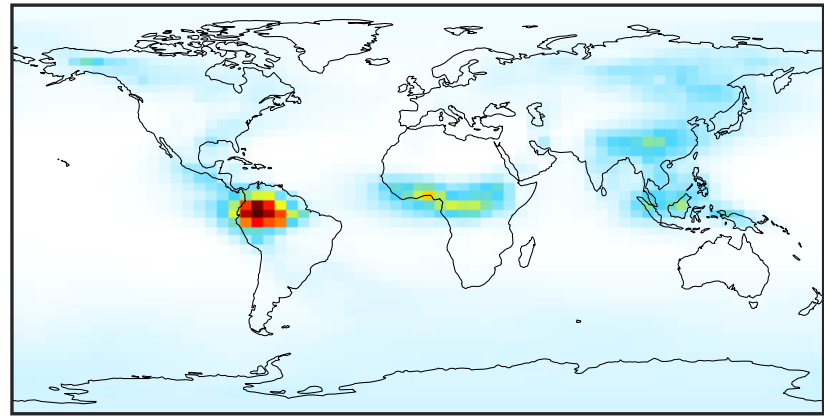
# SpeciesConcVV\_RCHO (Jul2019)

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



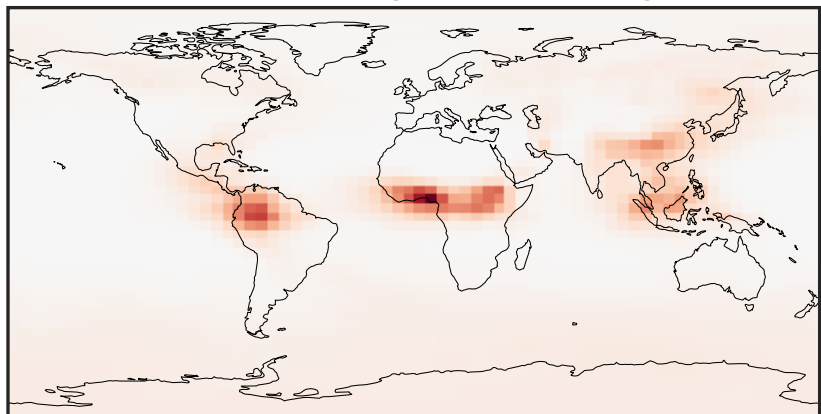
0.015 0.030 0.045  
ppb

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



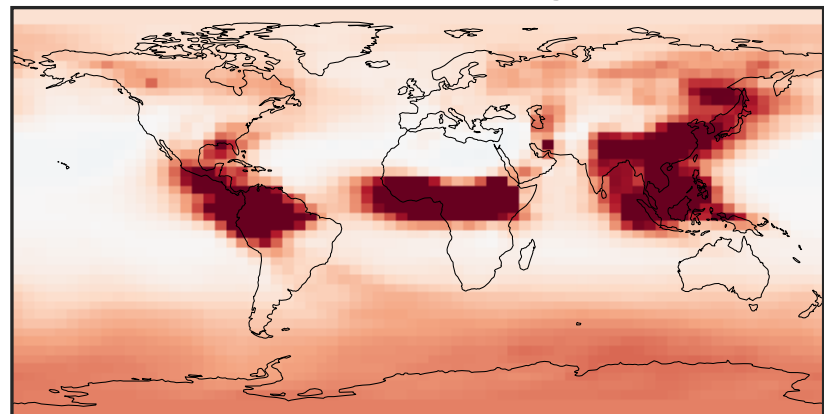
0.015 0.030 0.045  
ppb

Difference  
Dev - Ref, Dynamic Range



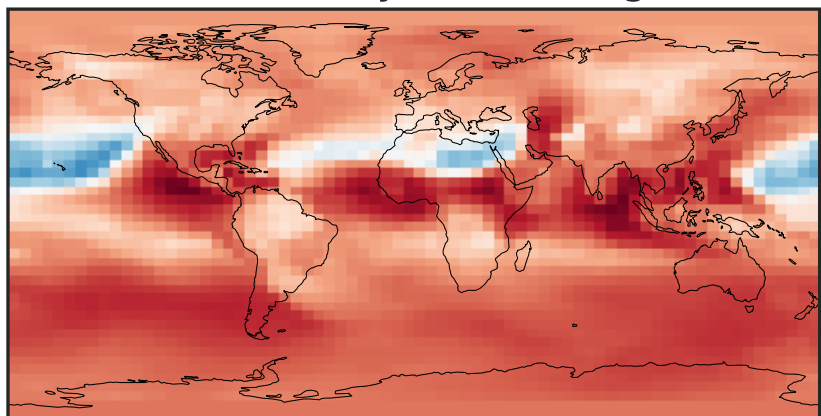
-0.003 0.000 0.003  
ppb

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



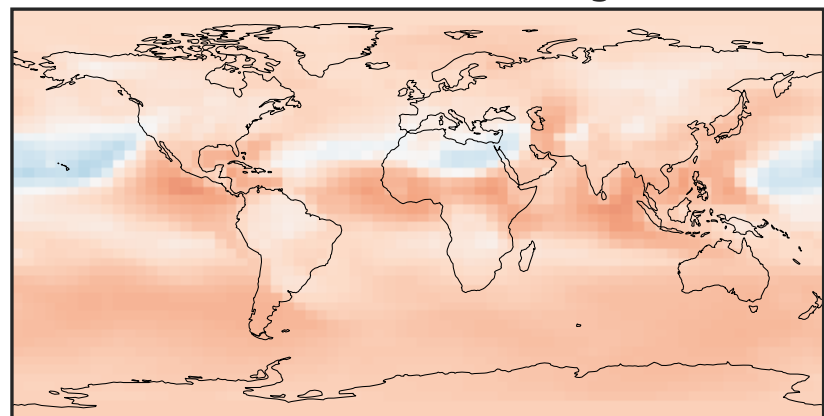
-0.0005 0.0000 0.0005  
ppb

Ratio  
Dev/Ref, Dynamic Range



0.7336 0.8668 1.0000 1.1816 1.3632  
unitless

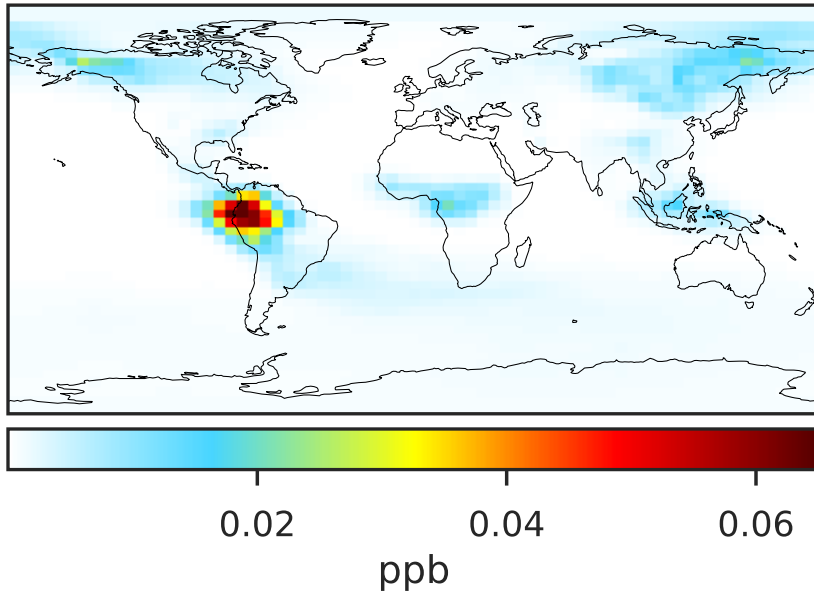
Ratio  
Dev/Ref, Fixed Range



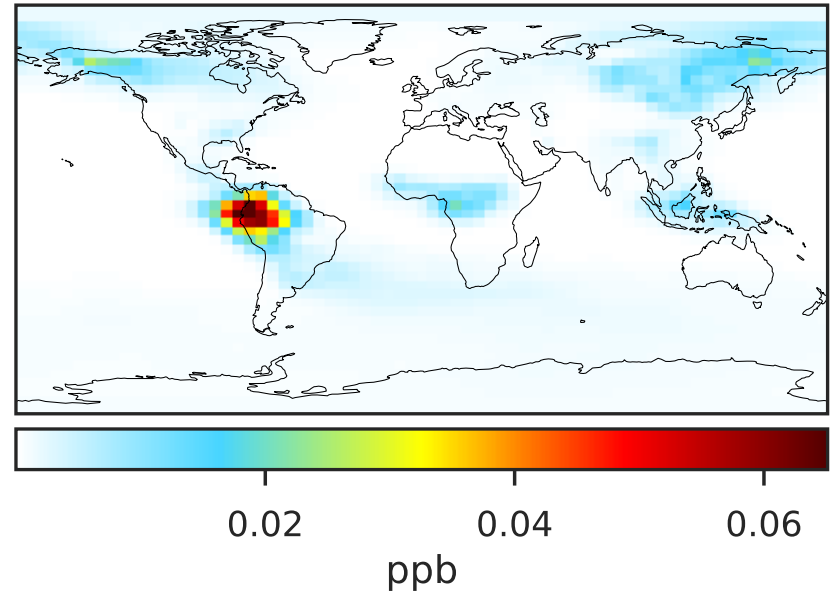
0.50 0.75 1.00 1.50 2.00  
unitless

# SpeciesConcVV\_ETHP (Jul2019)

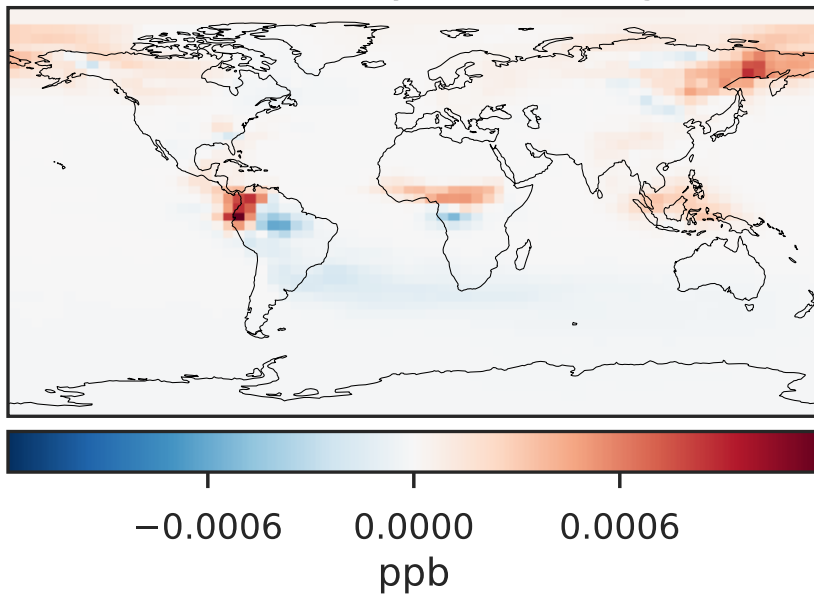
14.2.0-rc.2 (Ref)  
4.0x5.0



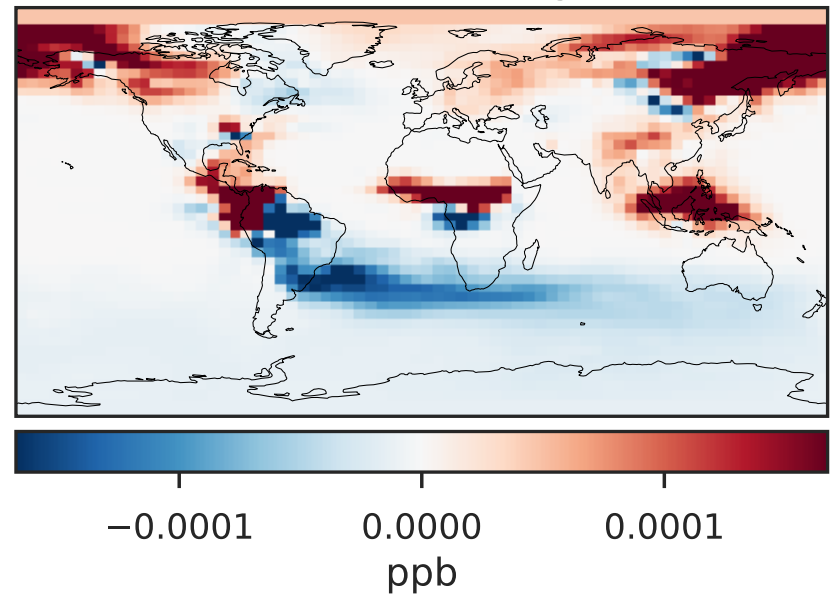
14.3.0-rc.0 (Dev)  
4.0x5.0



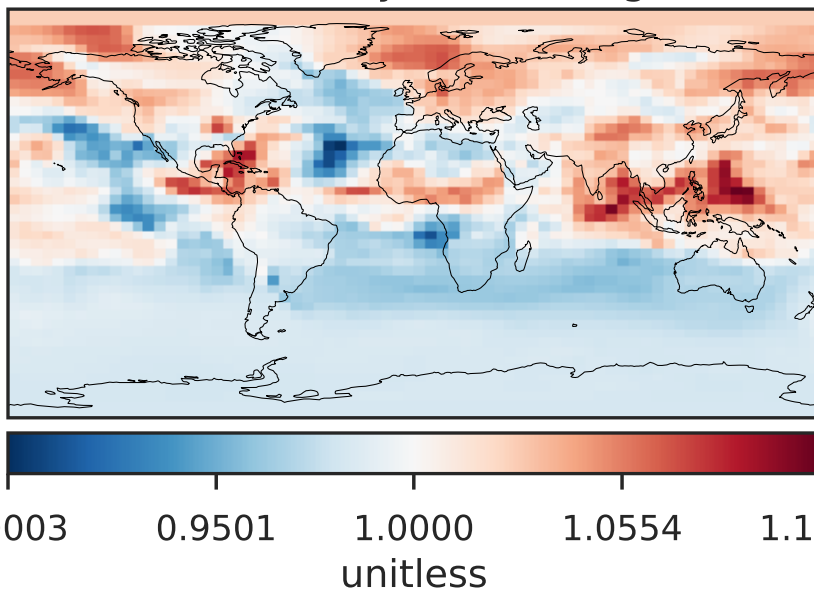
Difference  
Dev - Ref, Dynamic Range



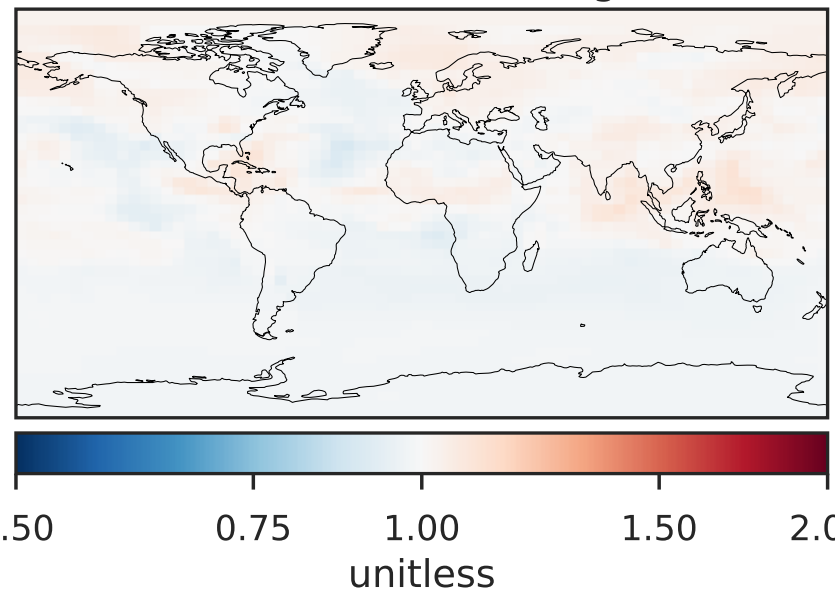
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

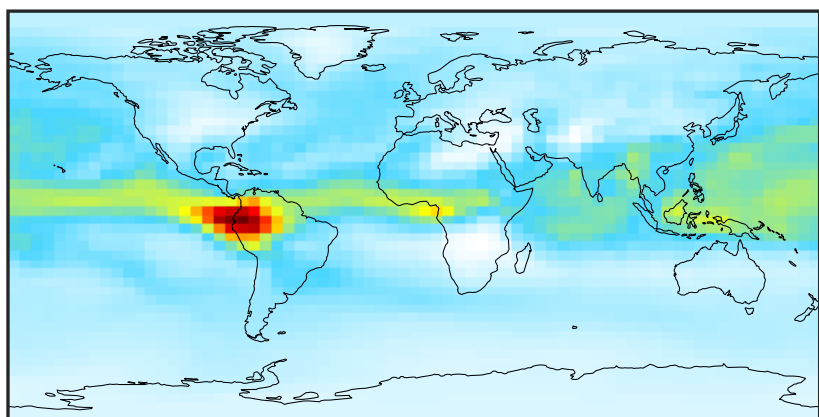


Ratio  
Dev/Ref, Fixed Range



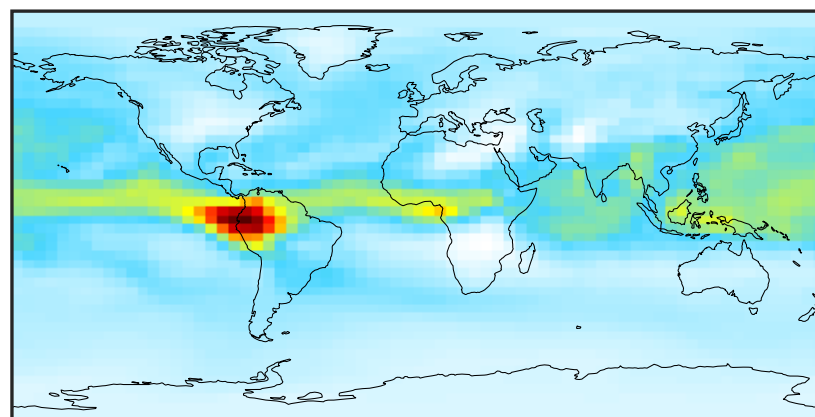
# SpeciesConcVV\_MP (Jul2019)

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



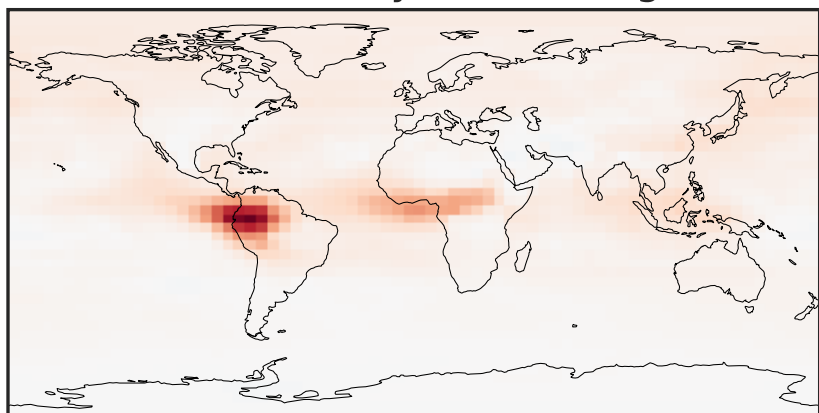
0.090 0.352 0.613 0.875 1.137  
ppb

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



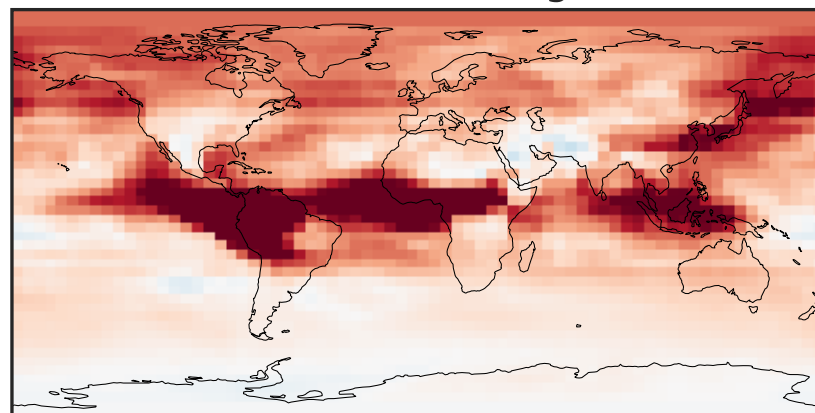
0.090 0.352 0.613 0.875 1.137  
ppb

Difference  
Dev - Ref, Dynamic Range



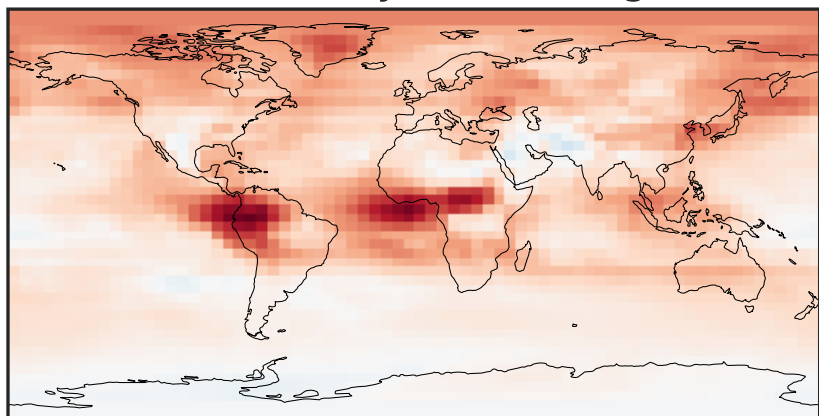
-0.025 0.000 0.025  
ppb

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



-0.004 0.000 0.004  
ppb

Ratio  
Dev/Ref, Dynamic Range



0.96281 0.98140 1.00000 1.01932 1.03863  
unitless

Ratio  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless