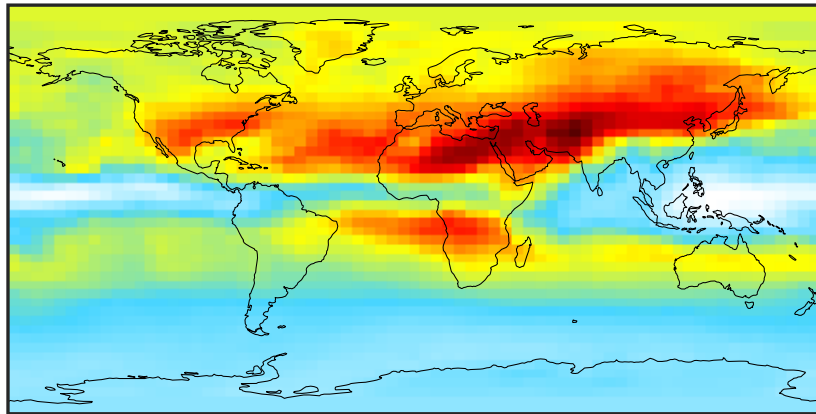


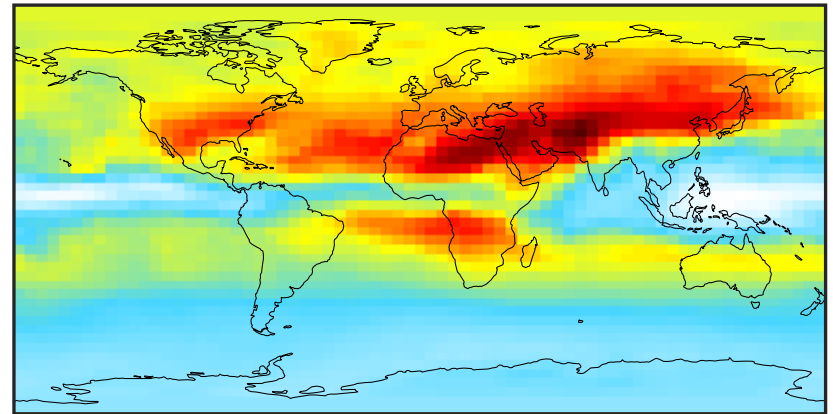
# SpeciesConcVV\_03 (Jul2019)

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



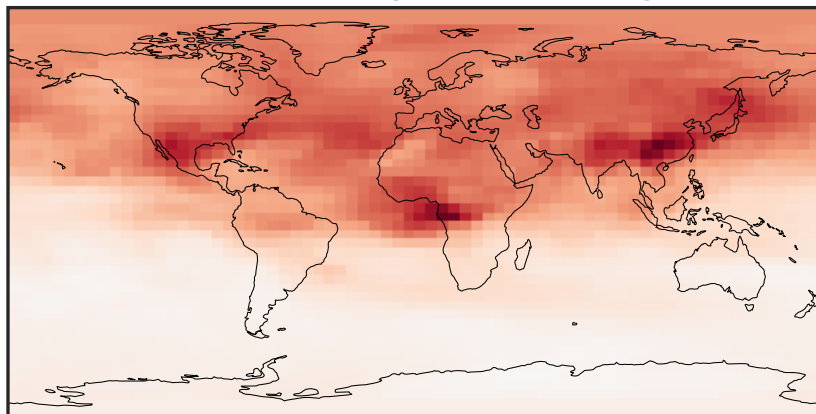
17.27 39.74 62.21 84.68 107.16  
ppb

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



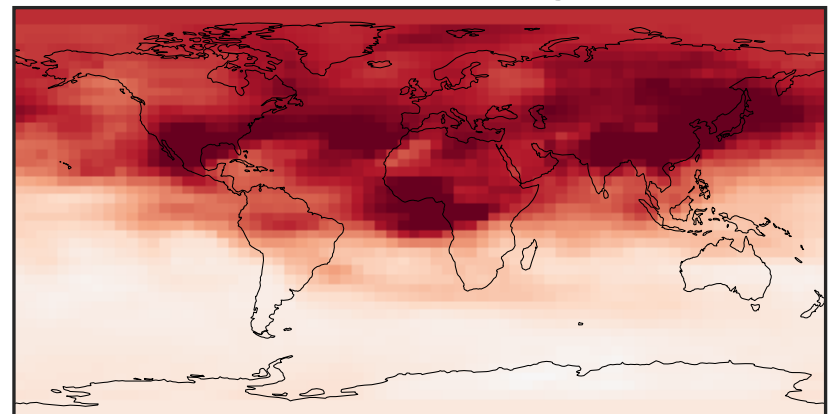
17.27 39.74 62.21 84.68 107.16  
ppb

Difference  
Dev - Ref, Dynamic Range



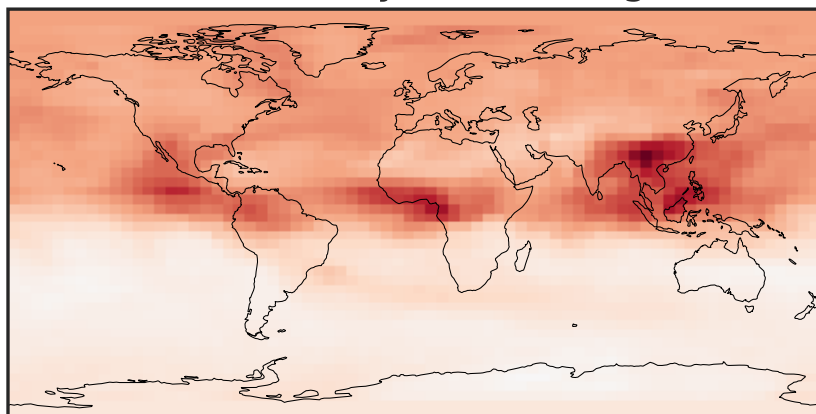
-1.134 -0.567 0.000 0.567 1.134  
ppb

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



-0.711 -0.356 0.000 0.356 0.711  
ppb

Ratio  
Dev/Ref, Dynamic Range



0.97811 0.98906 1.00000 1.01119 1.02238  
unitless

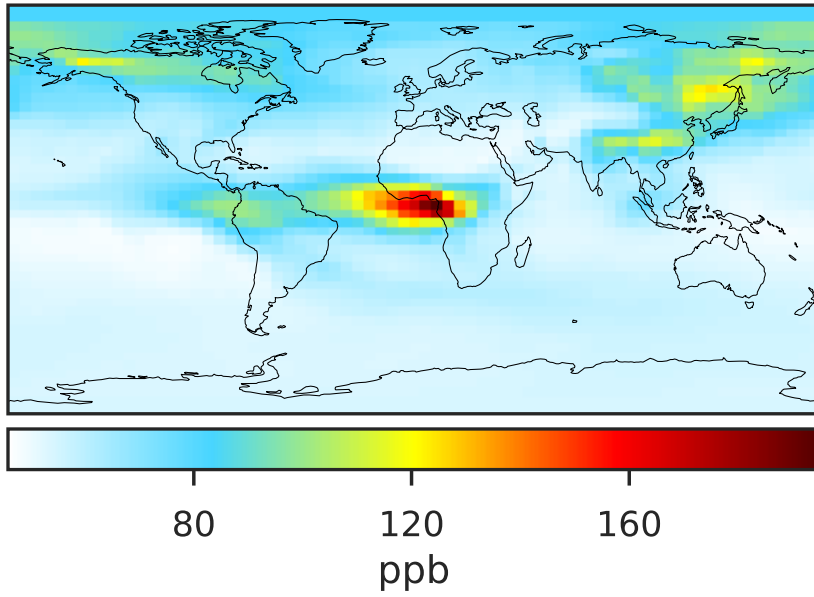
Ratio  
Dev/Ref, Fixed Range



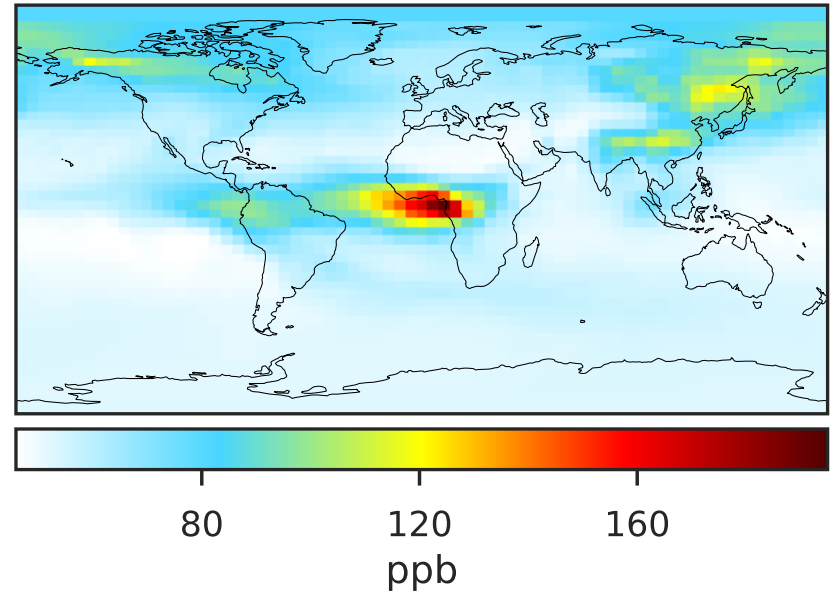
0.50 0.75 1.00 1.50 2.00  
unitless

# SpeciesConcVV\_CO (Jul2019)

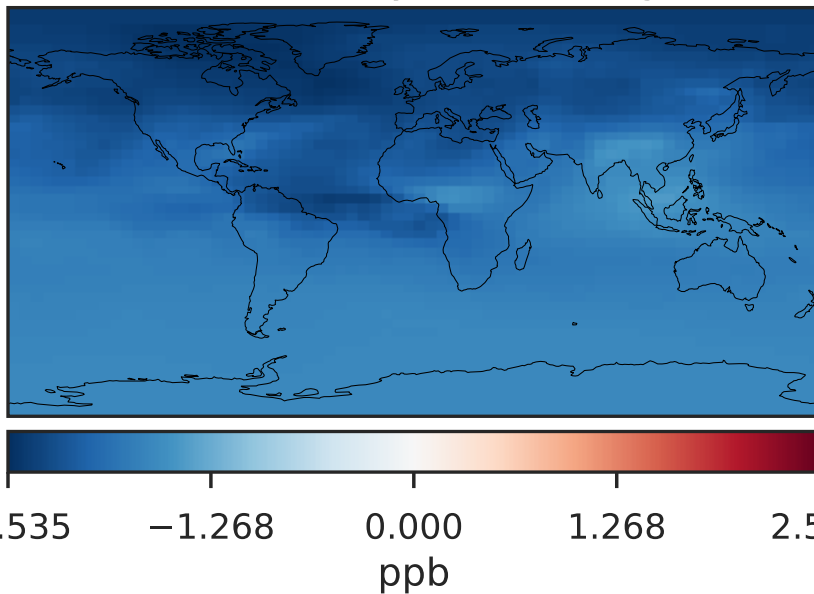
14.2.0-rc.2 (Ref)  
4.0x5.0



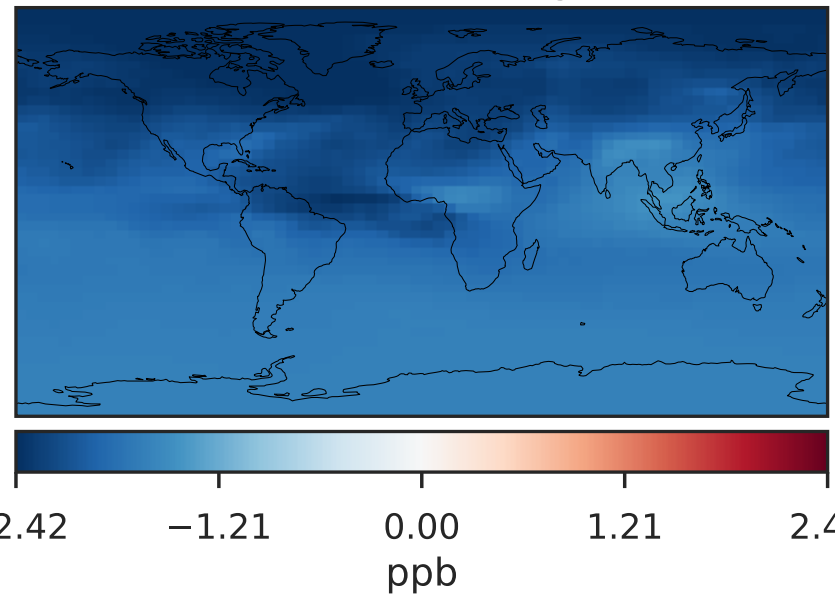
14.3.0-rc.0 (Dev)  
4.0x5.0



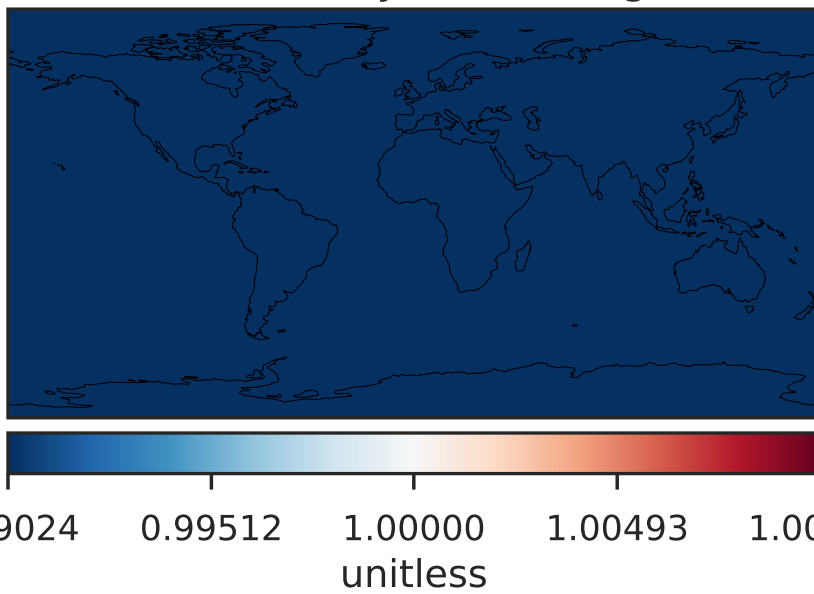
Difference  
Dev - Ref, Dynamic Range



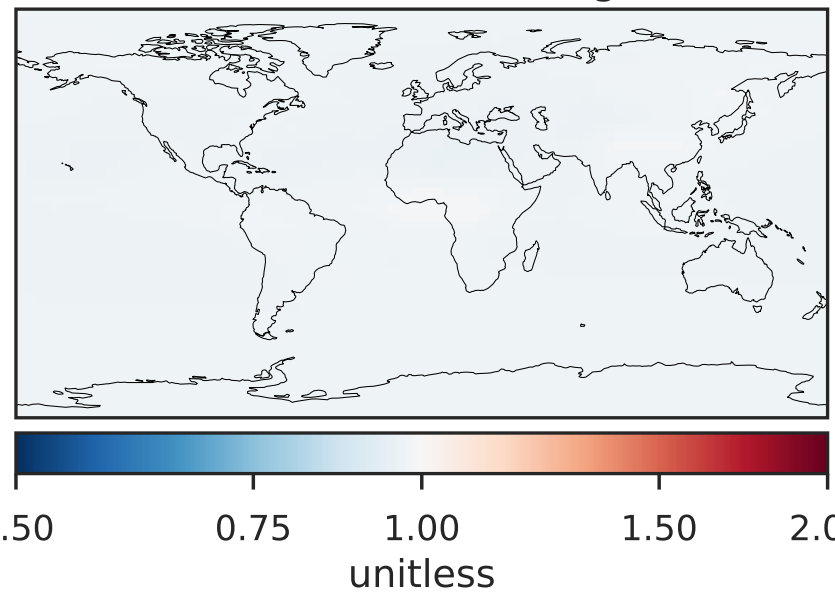
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

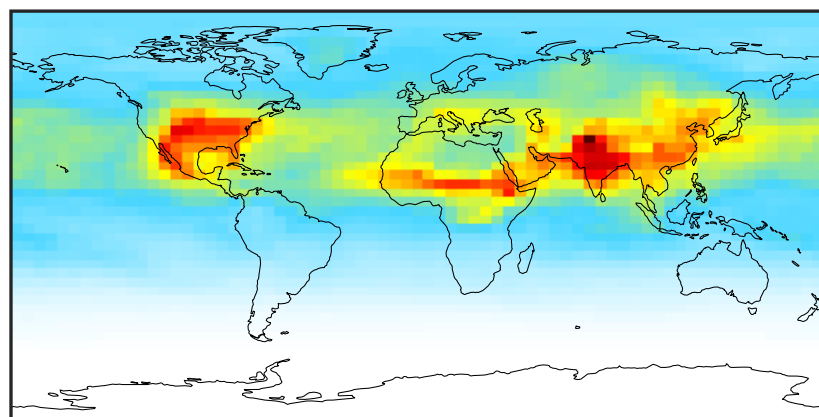


Ratio  
Dev/Ref, Fixed Range



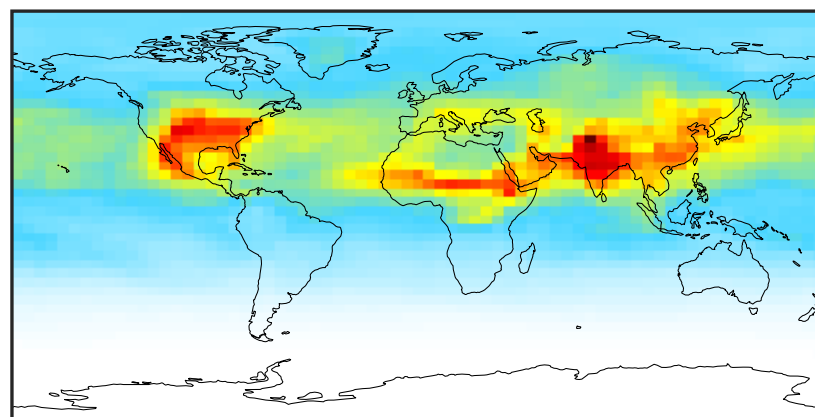
# SpeciesConcVV\_OH (Jul2019)

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



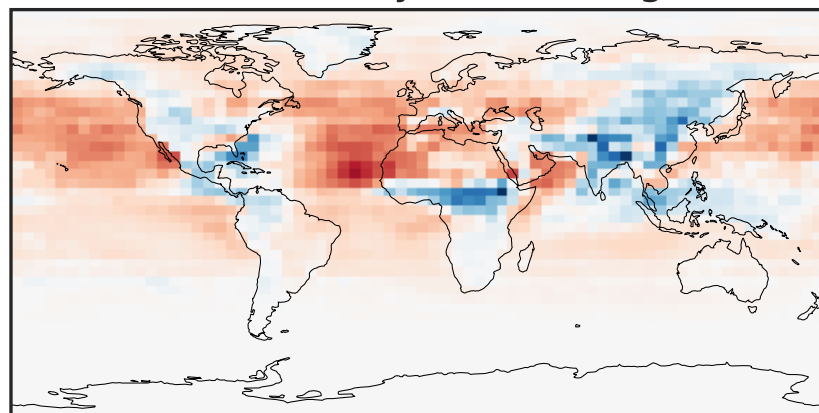
0.00015 0.00030  
ppb

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



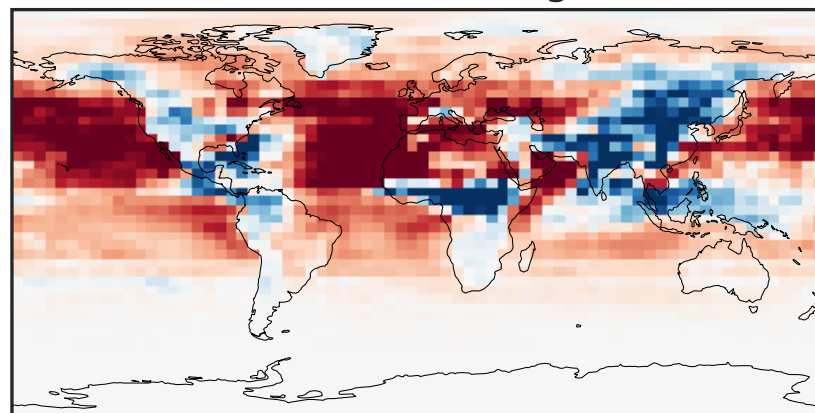
0.00015 0.00030  
ppb

Difference  
Dev - Ref, Dynamic Range



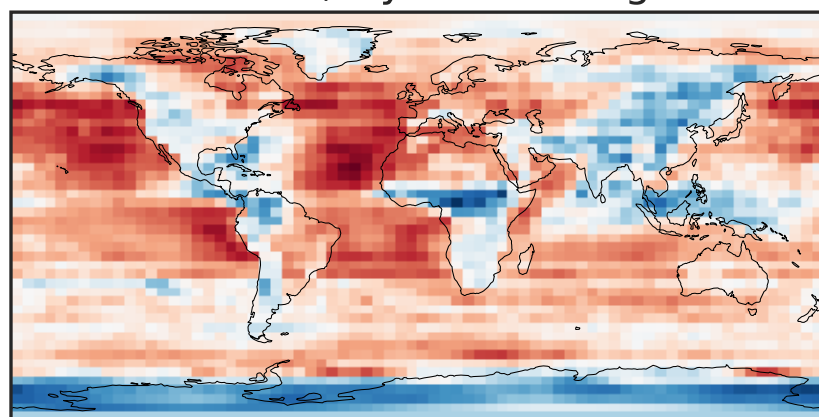
-6 0 6  
ppb  $1e-6$

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

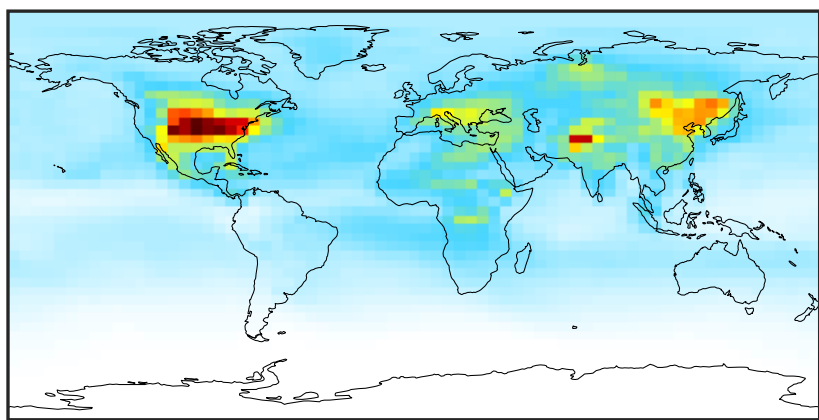
Ratio  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

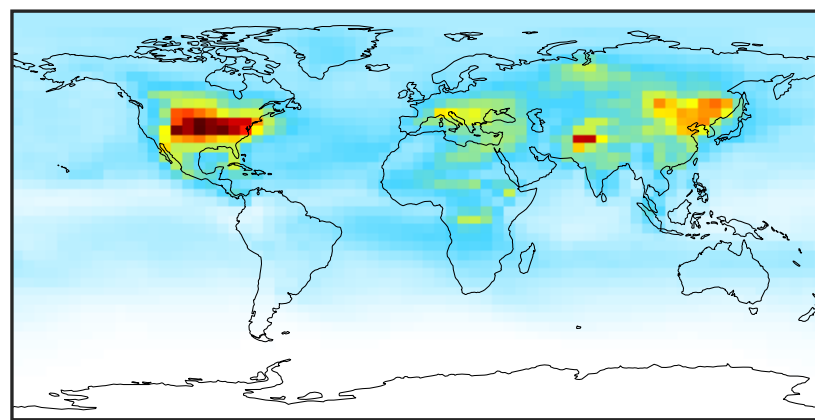
# SpeciesConcVV\_NOx (Jul2019)

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



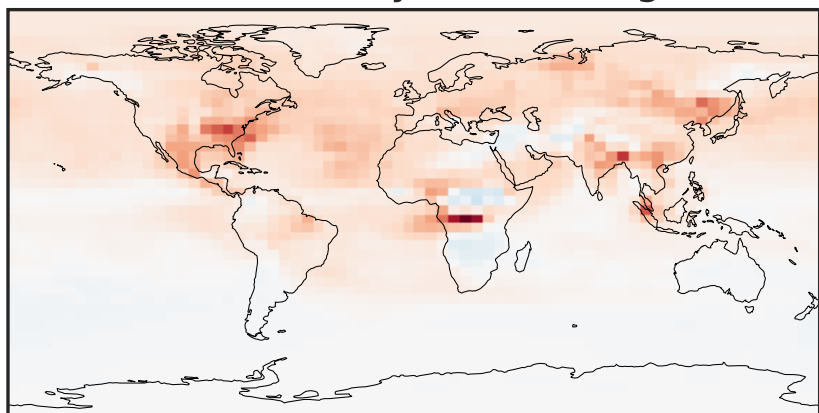
0.0002 0.0699 0.1395 0.2092 0.2788  
ppb

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



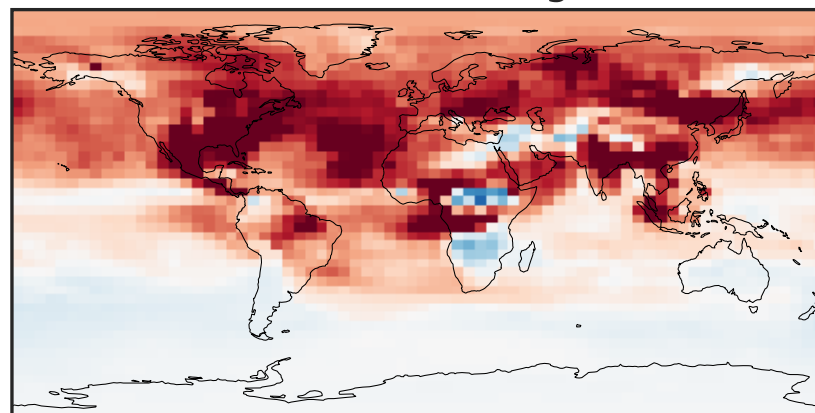
0.0002 0.0699 0.1395 0.2092 0.2788  
ppb

Difference  
Dev - Ref, Dynamic Range



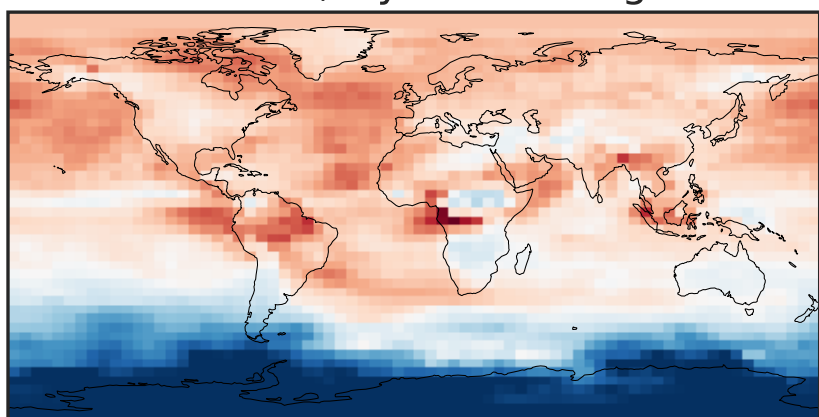
-0.0025 0.0000 0.0025  
ppb

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



-0.0006 0.0000 0.0006  
ppb

Ratio  
Dev/Ref, Dynamic Range



0.95781 0.97891 1.00000 1.02202 1.04404  
unitless

Ratio  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless