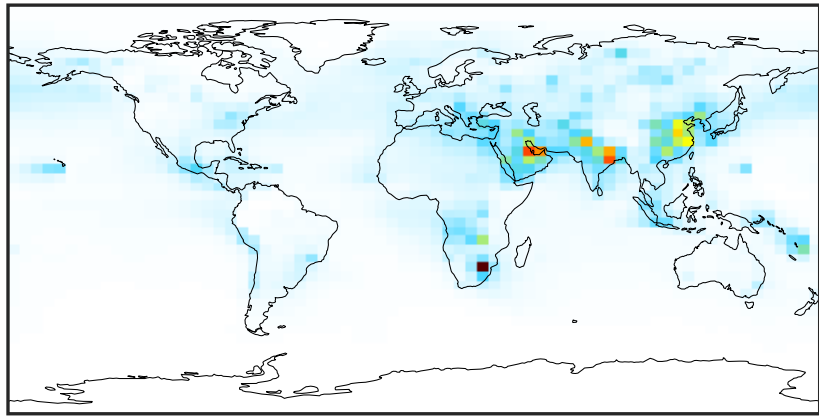


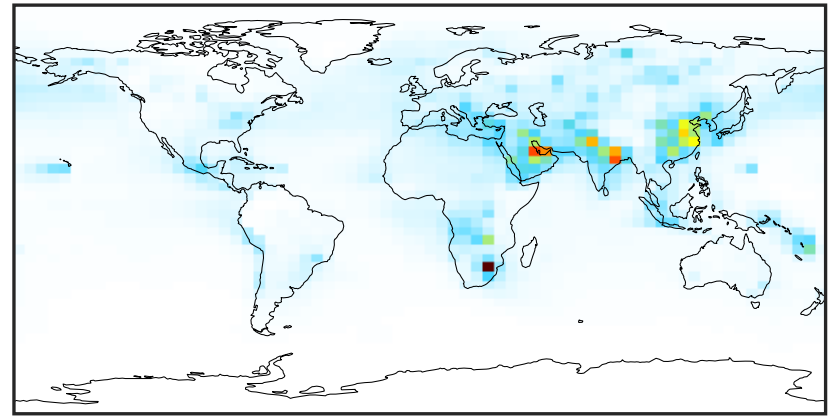
# SpeciesConcVV\_SOx (Jul2019)

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



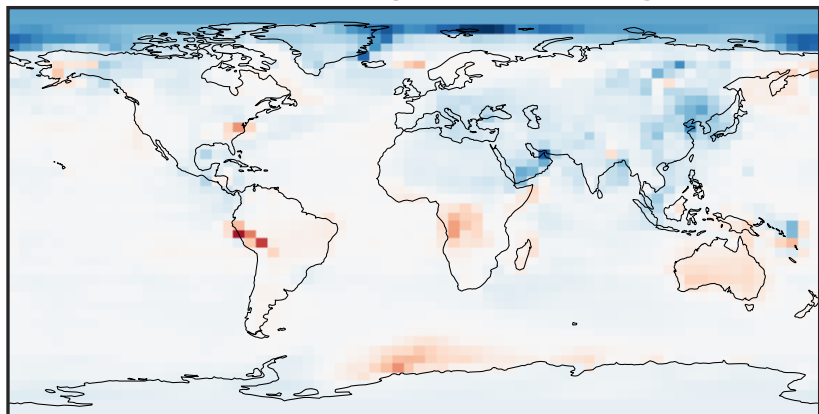
0.01 2.84 5.66 8.49 11.32  
ppb

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



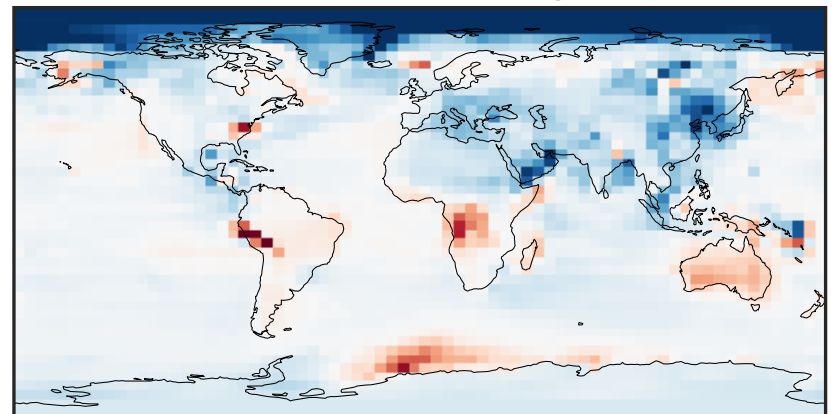
0.01 2.84 5.66 8.49 11.32  
ppb

Difference  
Dev - Ref, Dynamic Range



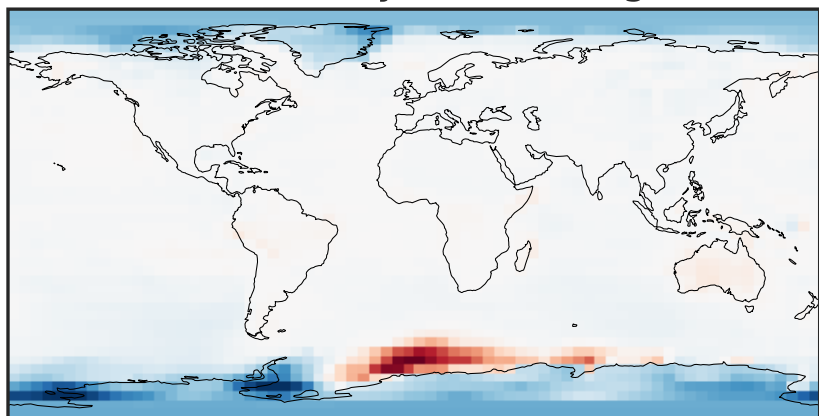
-0.01 0.00 0.01  
ppb

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



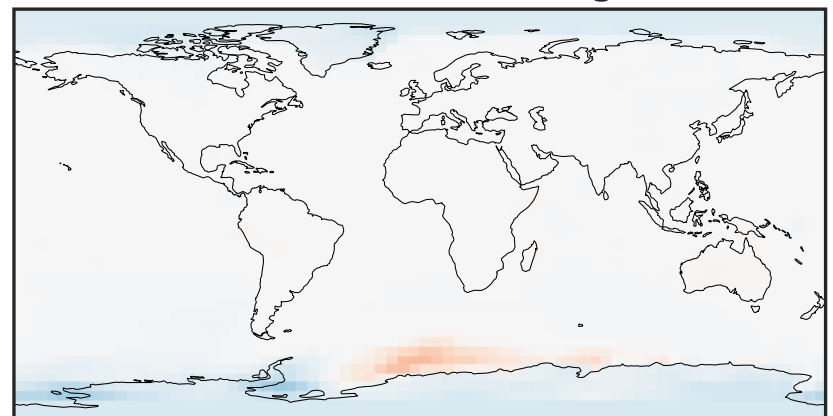
-0.005 0.000 0.005  
ppb

Ratio  
Dev/Ref, Dynamic Range



0.8059 0.9029 1.0000 1.1204 1.2409  
unitless

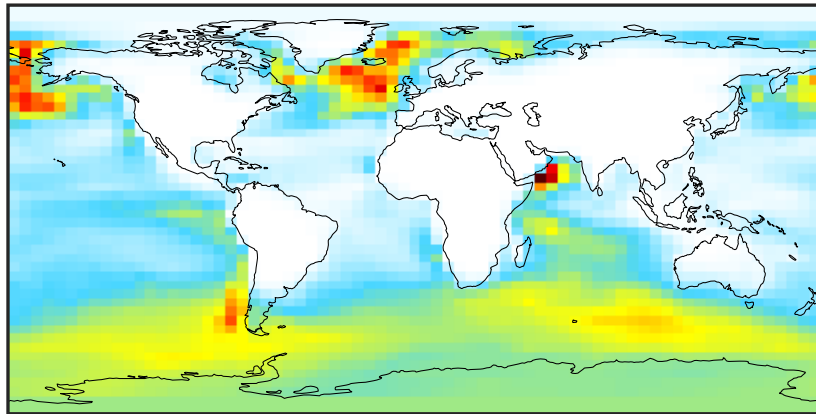
Ratio  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

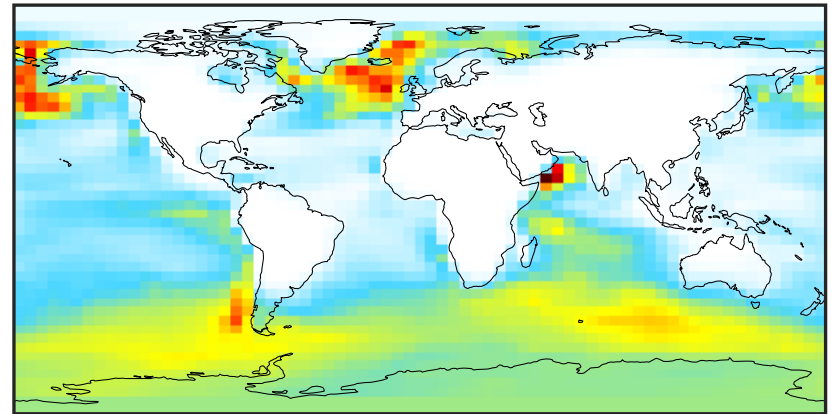
# SpeciesConcVV\_DMS (Jul2019)

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



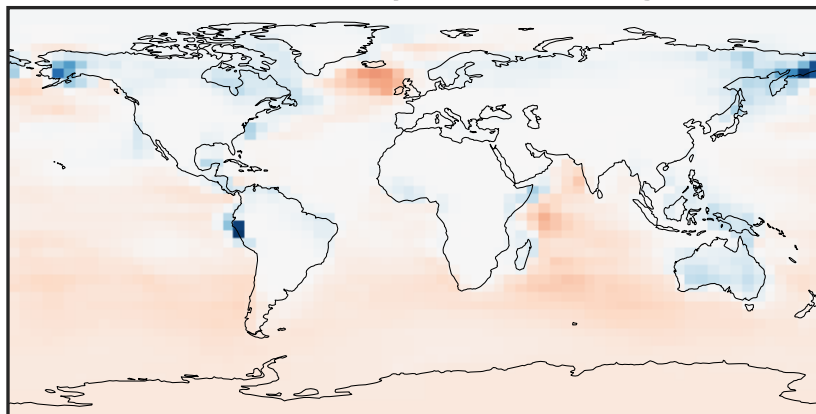
0.0000 0.1334 0.2667 0.4001 0.5334  
ppb

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



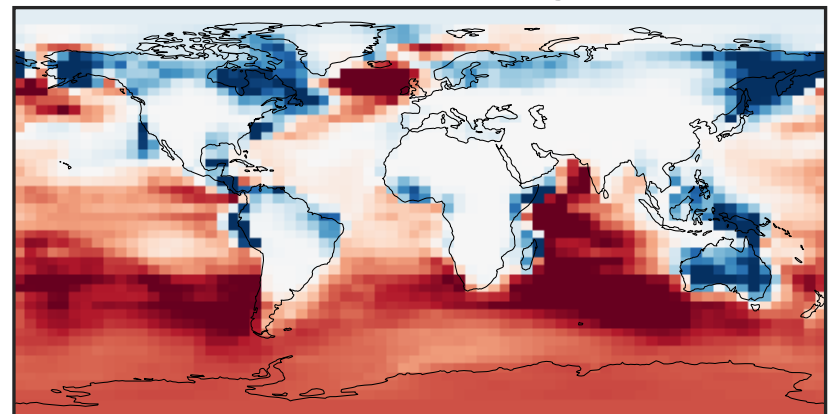
0.0000 0.1334 0.2667 0.4001 0.5334  
ppb

Difference  
Dev - Ref, Dynamic Range



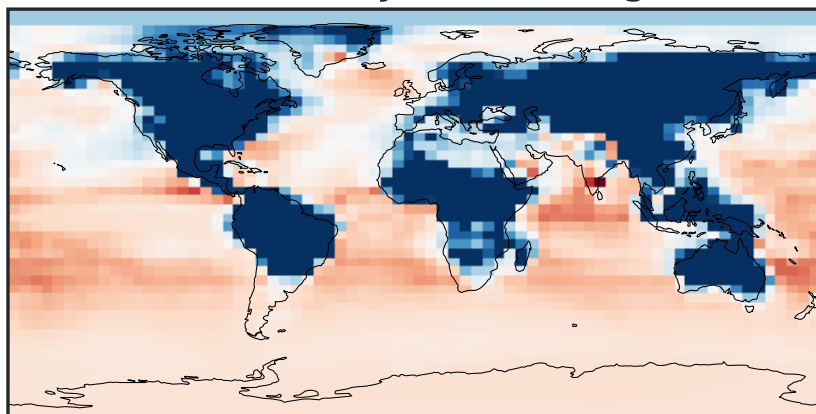
-0.008 0.000 0.008  
ppb

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



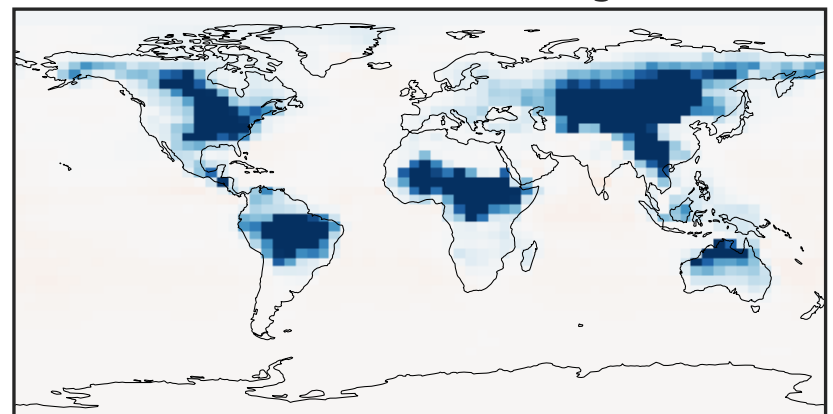
-0.0015 0.0000 0.0015  
ppb

Ratio  
Dev/Ref, Dynamic Range



0.9466 0.9733 1.0000 1.0282 1.0564  
unitless

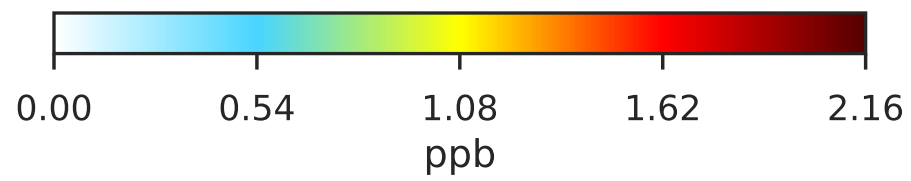
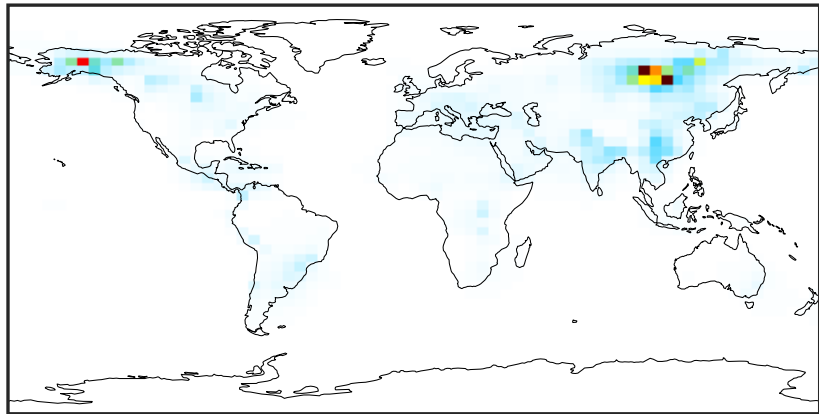
Ratio  
Dev/Ref, Fixed Range



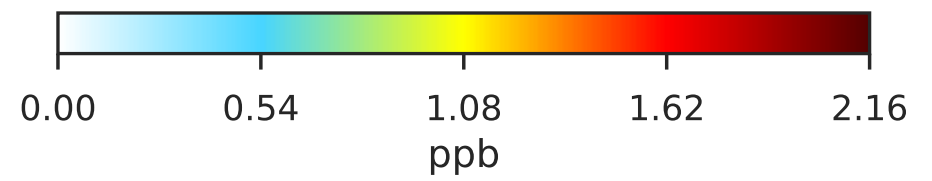
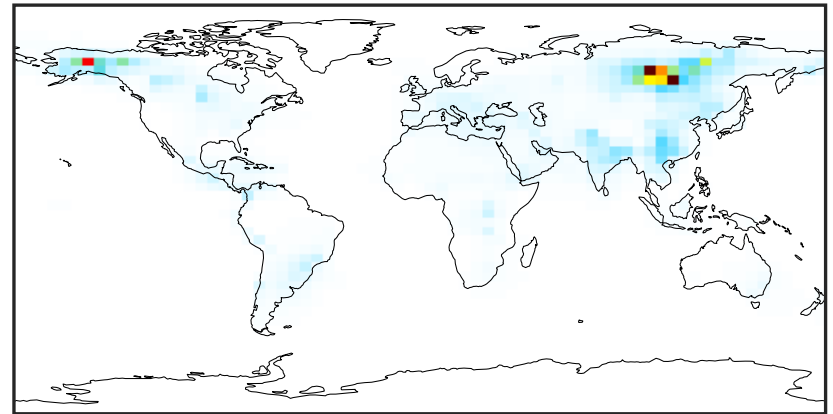
0.50 0.75 1.00 1.50 2.00  
unitless

# SpeciesConcVV\_HMS (Jul2019)

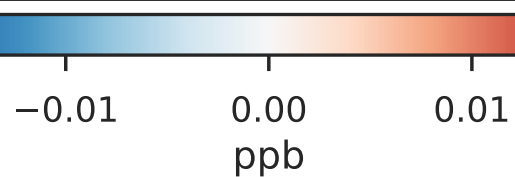
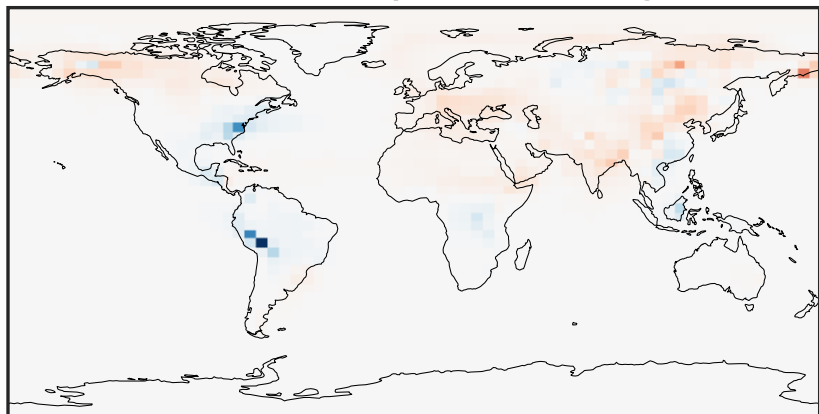
14.2.0-rc.2 (Ref)  
4.0x5.0



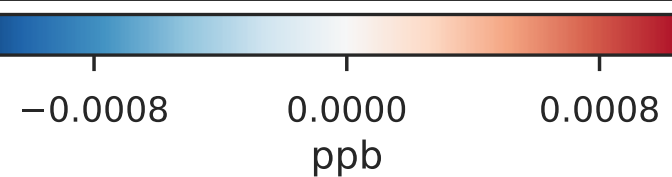
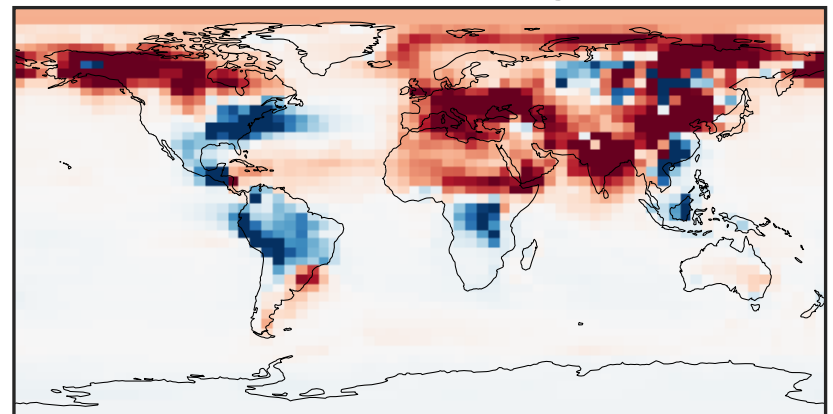
14.3.0-rc.0 (Dev)  
4.0x5.0



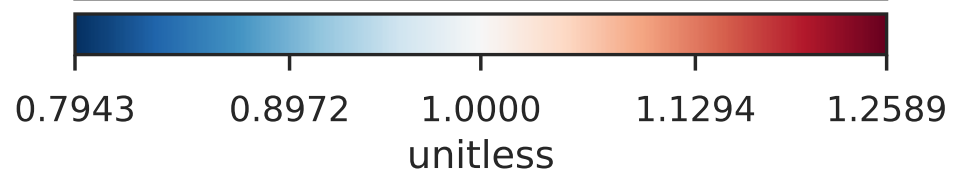
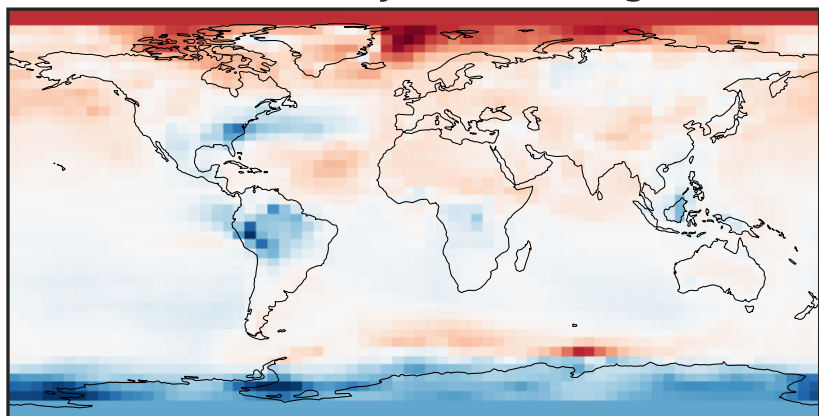
Difference  
Dev - Ref, Dynamic Range



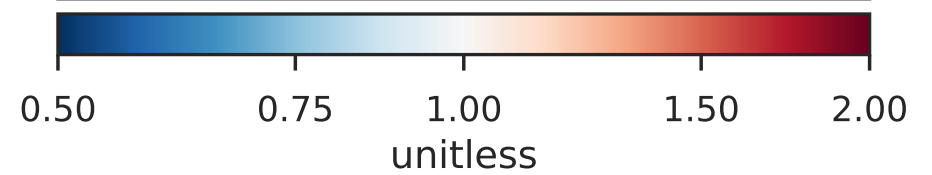
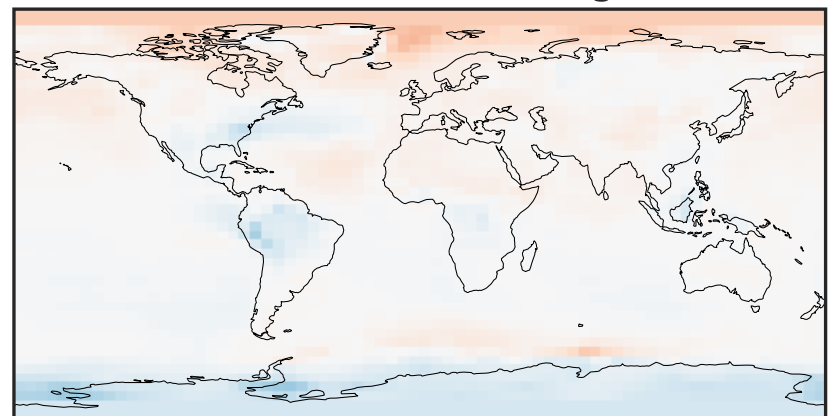
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

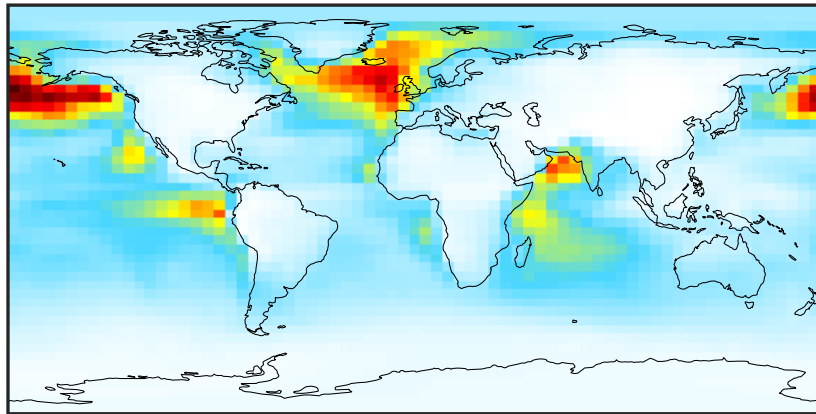


Ratio  
Dev/Ref, Fixed Range



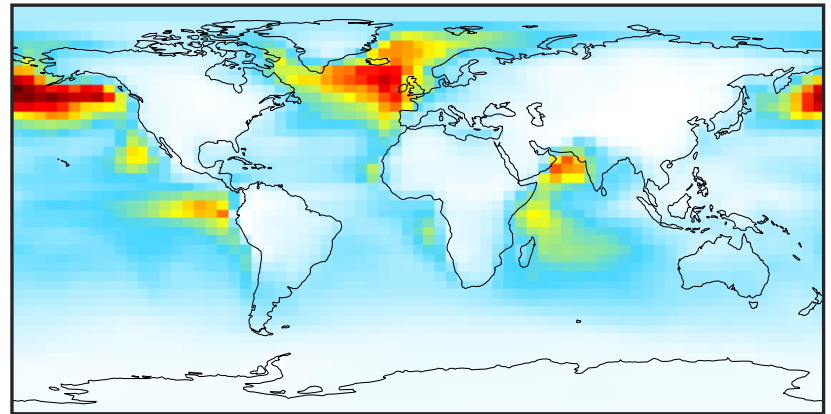
# SpeciesConcVV\_MSA (Jul2019)

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



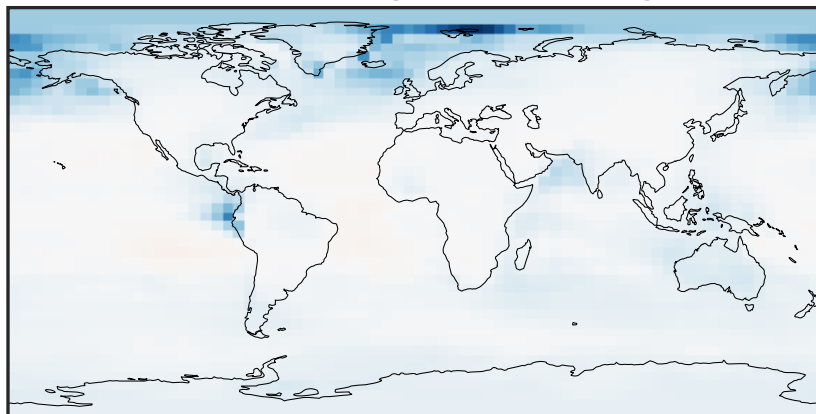
0.015 0.030 0.045  
ppb

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



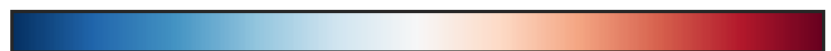
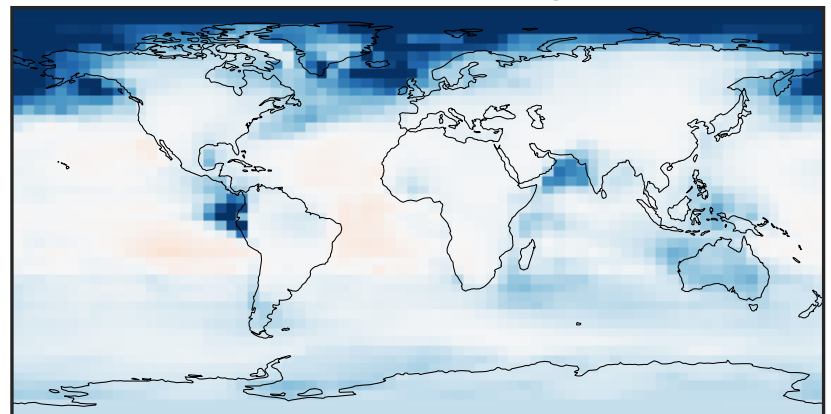
0.015 0.030 0.045  
ppb

Difference  
Dev - Ref, Dynamic Range



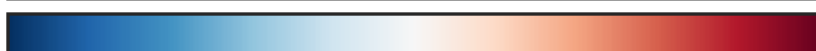
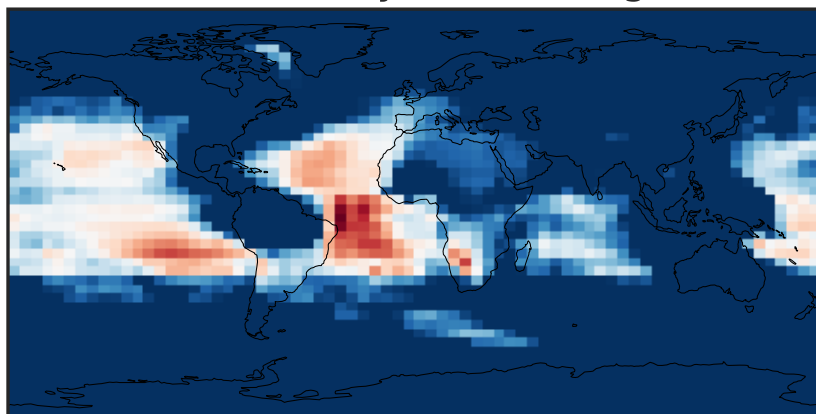
-0.0015 0.0000 0.0015  
ppb

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



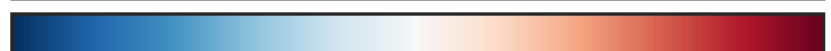
-0.0004 0.0000 0.0004  
ppb

Ratio  
Dev/Ref, Dynamic Range



0.98936 0.99468 1.00000 1.00538 1.01076  
unitless

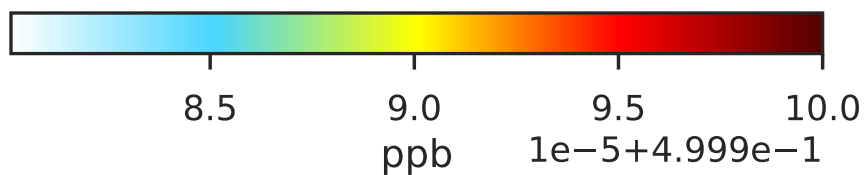
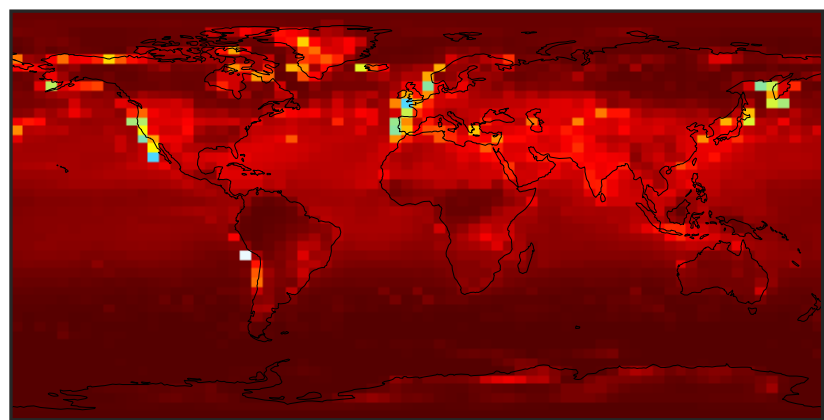
Ratio  
Dev/Ref, Fixed Range



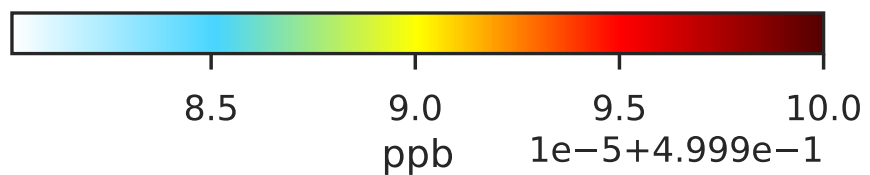
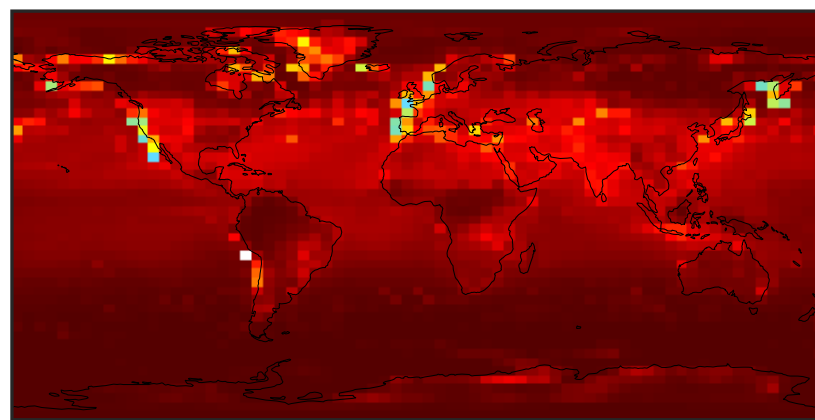
0.50 0.75 1.00 1.50 2.00  
unitless

# SpeciesConcVV\_OCS (Jul2019)

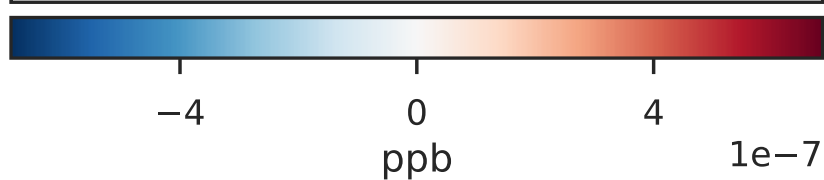
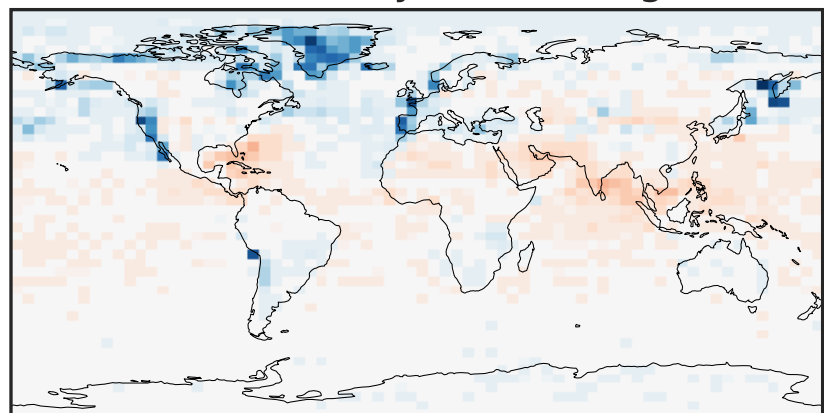
14.2.0-rc.2 (Ref)  
4.0x5.0



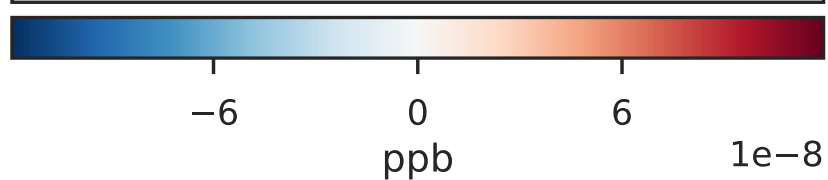
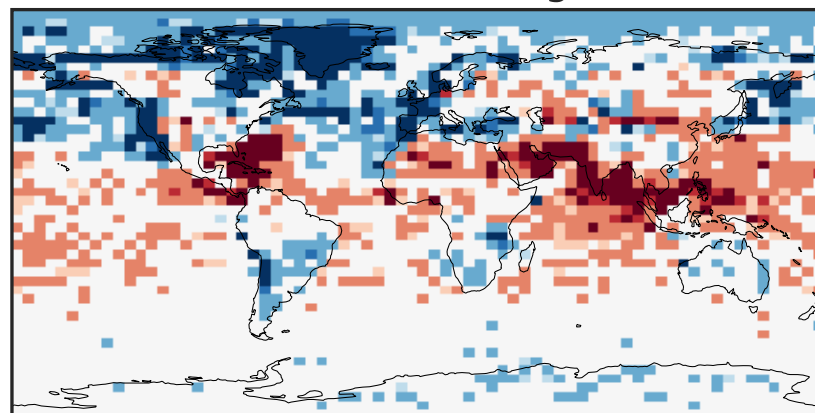
14.3.0-rc.0 (Dev)  
4.0x5.0



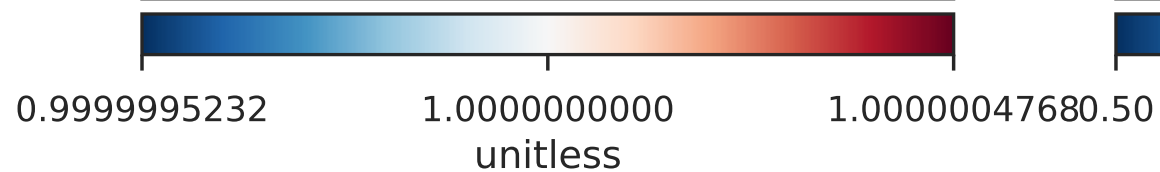
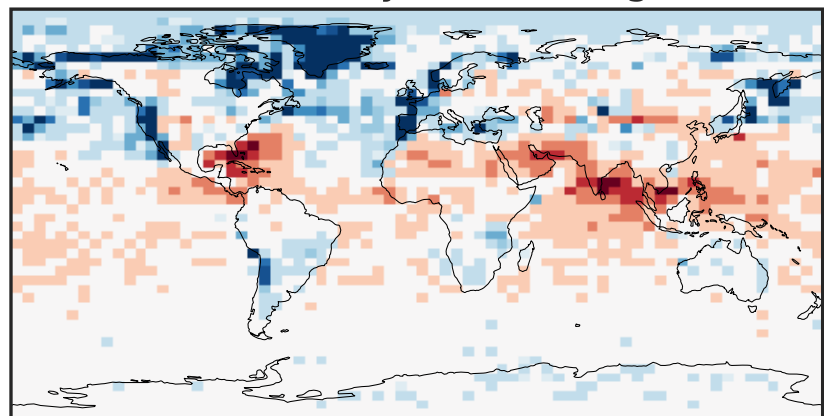
Difference  
Dev - Ref, Dynamic Range



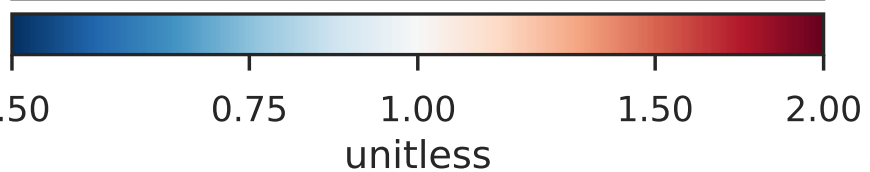
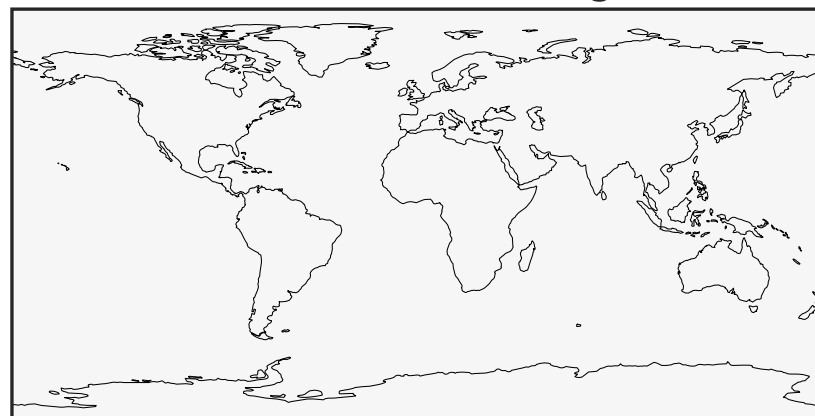
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

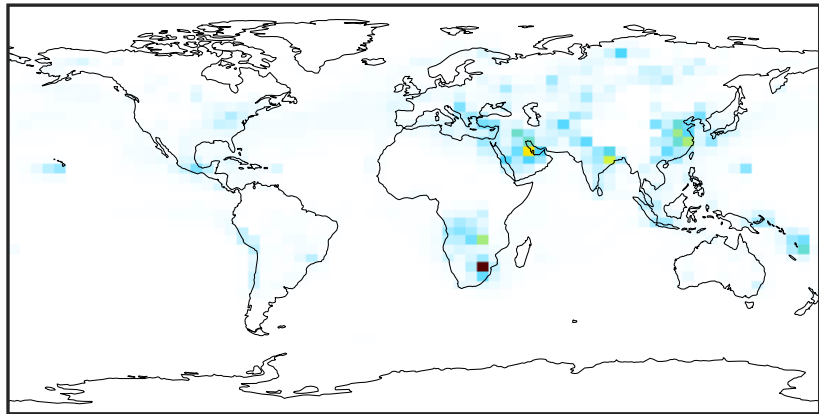


Ratio  
Dev/Ref, Fixed Range



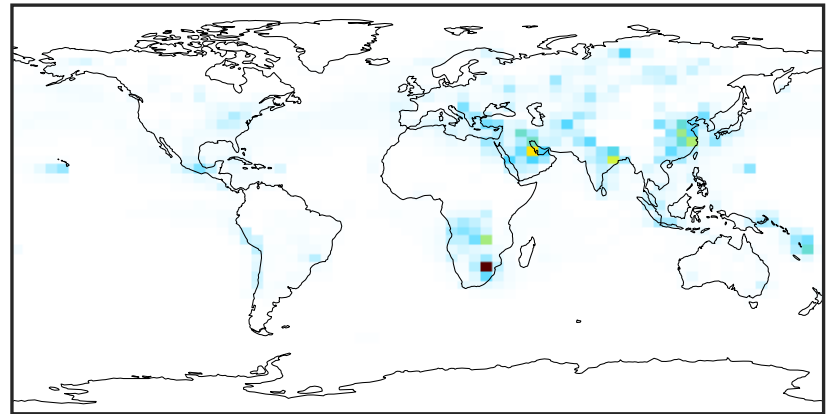
# SpeciesConcVV\_SO2 (Jul2019)

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



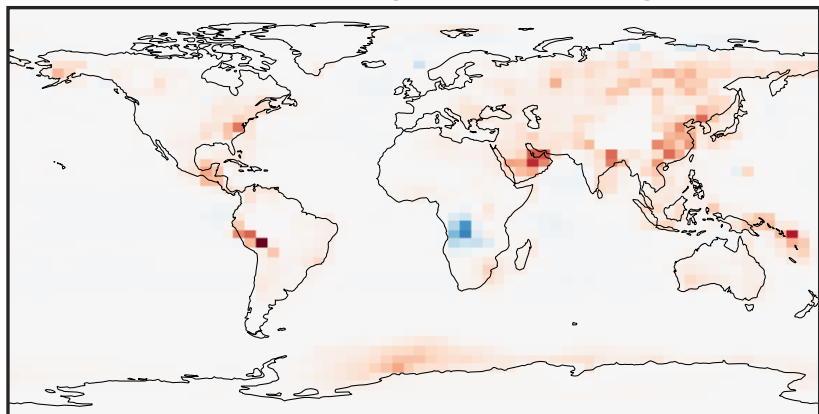
0.000 2.481 4.963 7.444 9.925  
ppb

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



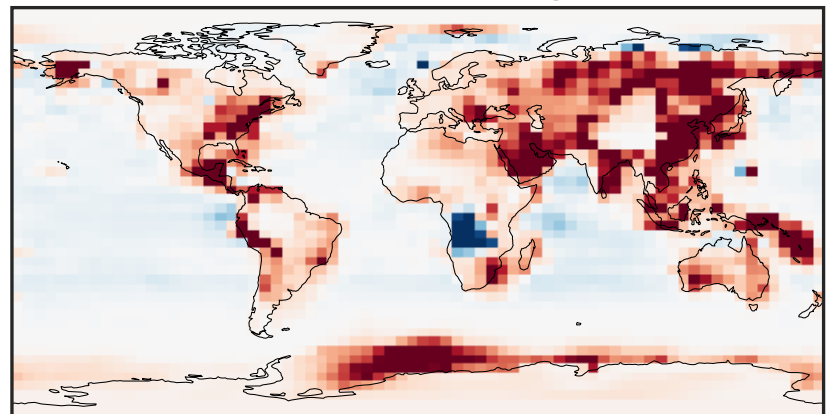
0.000 2.481 4.963 7.444 9.925  
ppb

Difference  
Dev - Ref, Dynamic Range



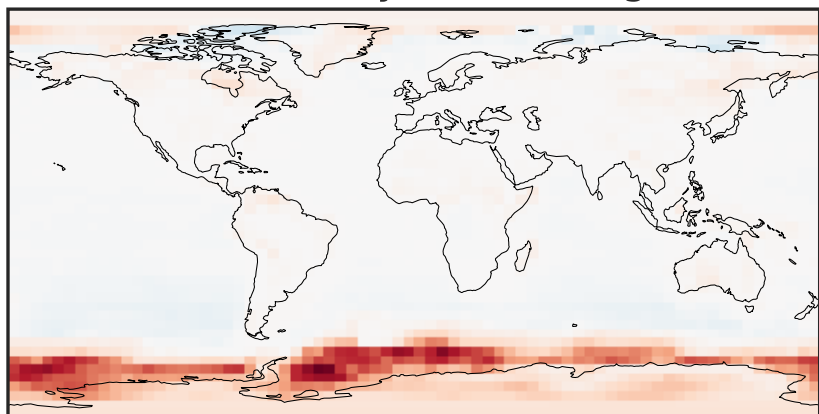
-0.015 0.000 0.015  
ppb

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



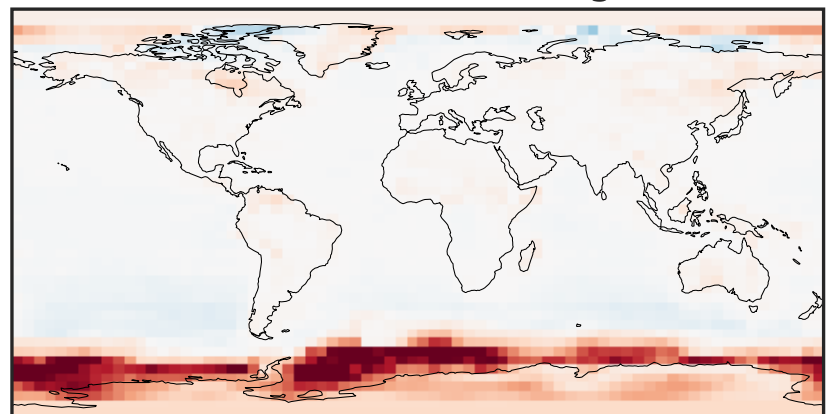
-0.002 0.000 0.002  
ppb

Ratio  
Dev/Ref, Dynamic Range



0.364 0.682 1.000 1.873 2.747  
unitless

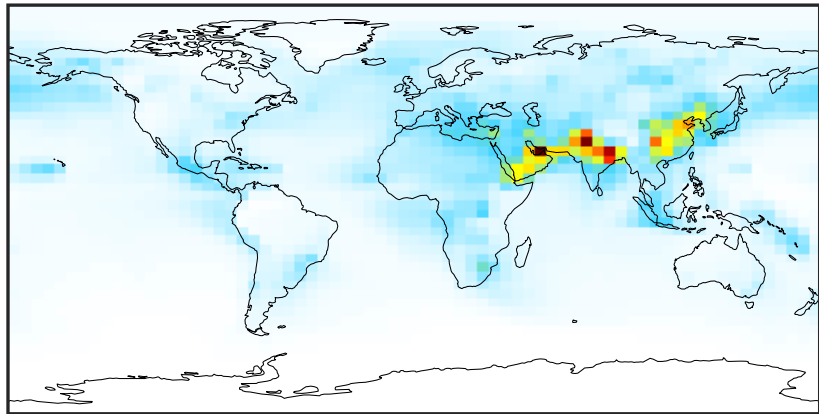
Ratio  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

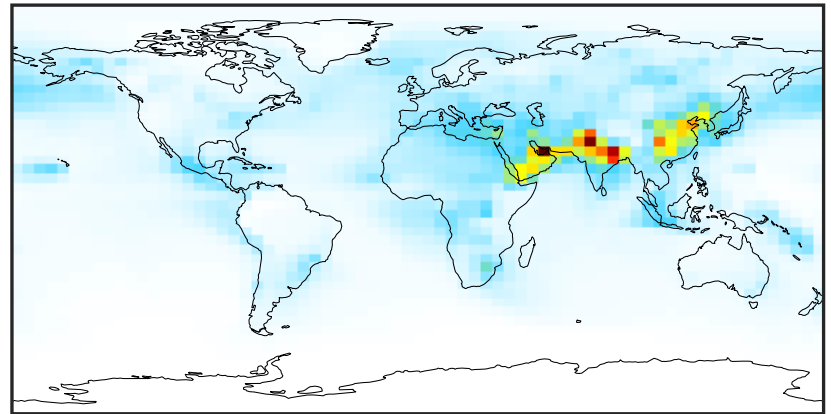
# SpeciesConcVV\_SO4 (Jul2019)

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



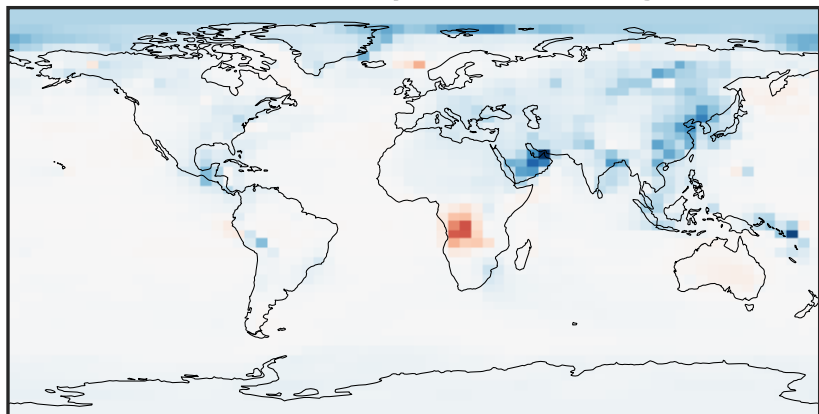
0.008 1.141 2.275 3.408 4.542  
ppb

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



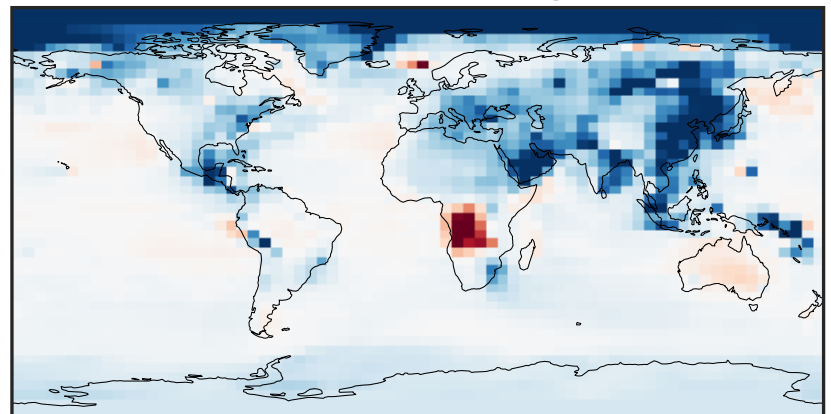
0.008 1.141 2.275 3.408 4.542  
ppb

Difference  
Dev - Ref, Dynamic Range



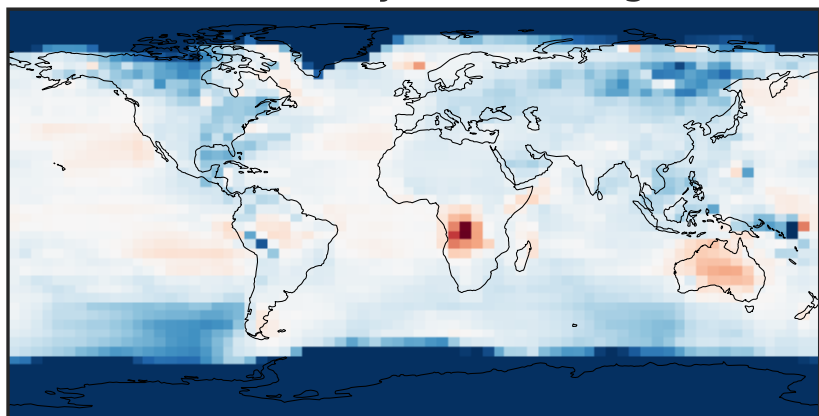
-0.015 0.000 0.015  
ppb

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



-0.005 0.000 0.005  
ppb

Ratio  
Dev/Ref, Dynamic Range



0.96635 0.98318 1.00000 1.01741 1.03482  
unitless

Ratio  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless