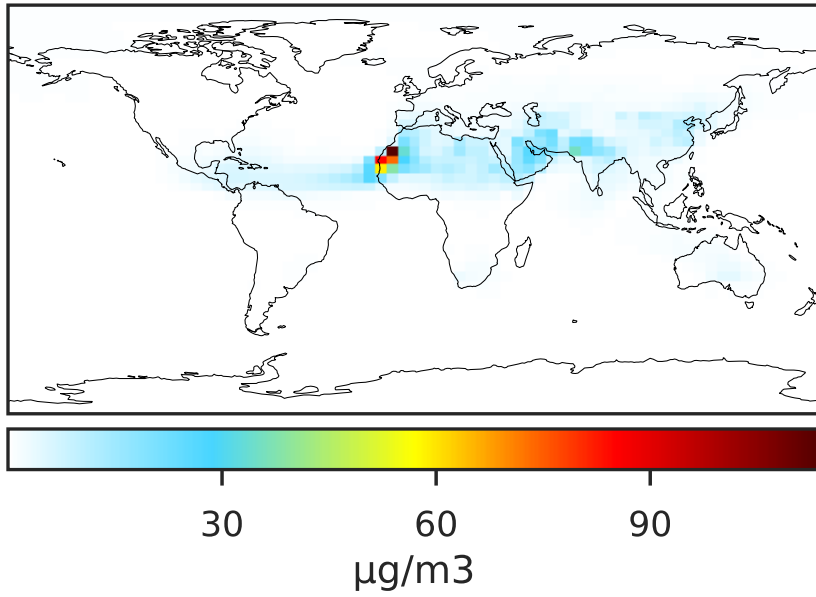
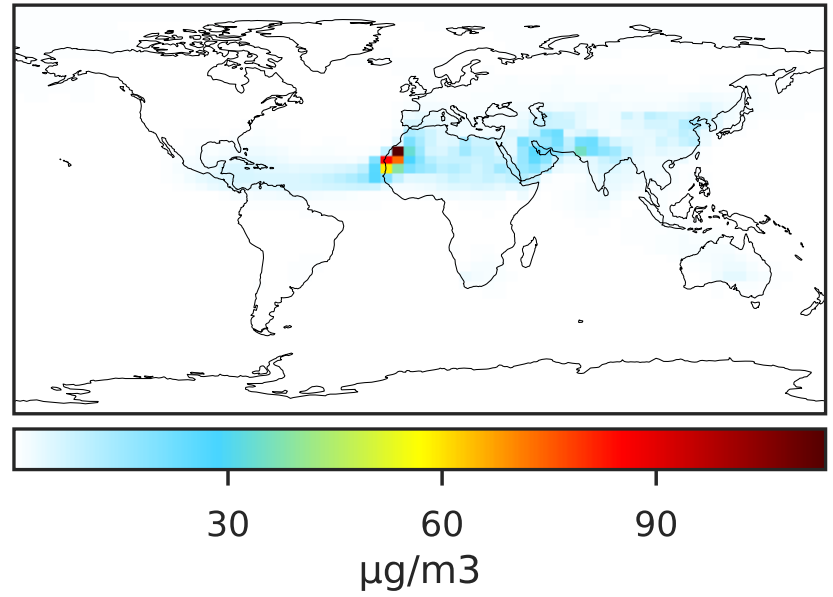


# SpeciesConcVV\_DST1 (Jul2019)

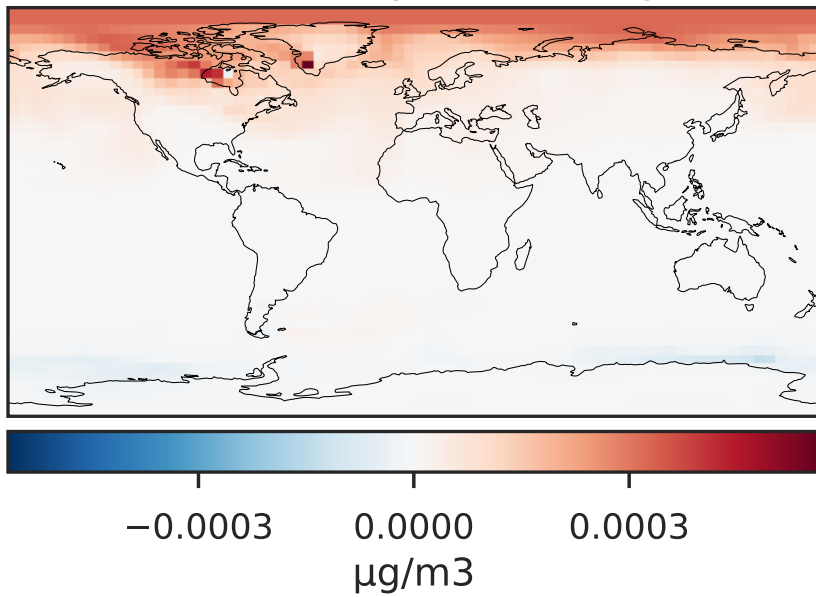
14.2.0-rc.2 (Ref)  
4.0x5.0



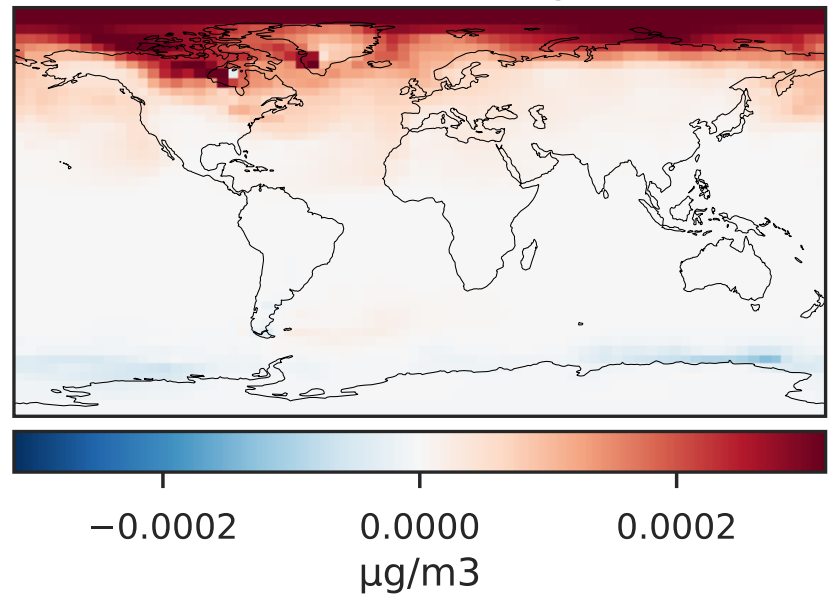
14.3.0-rc.0 (Dev)  
4.0x5.0



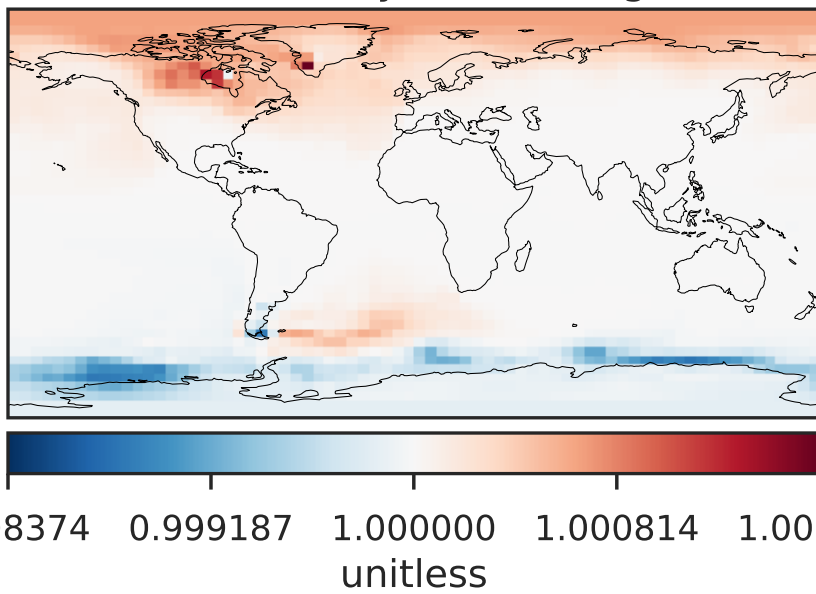
Difference  
Dev - Ref, Dynamic Range



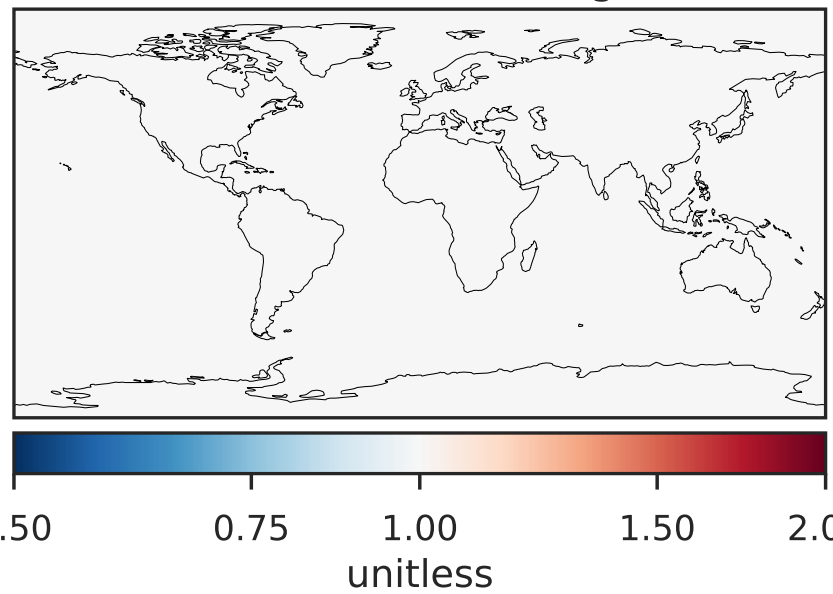
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

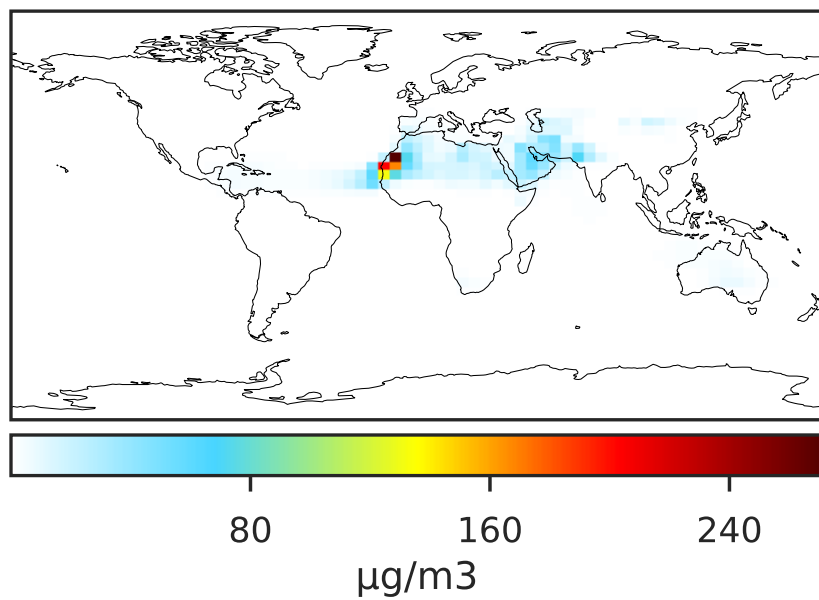


Ratio  
Dev/Ref, Fixed Range

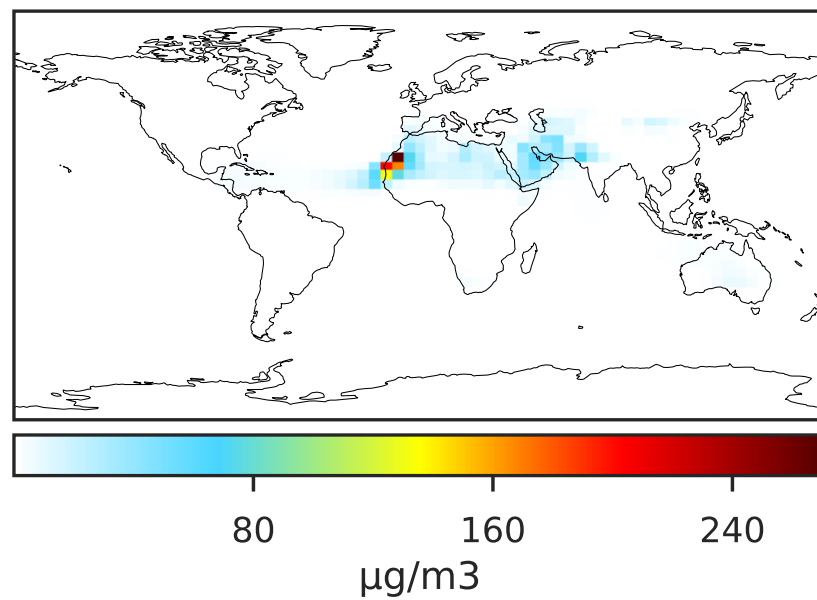


# SpeciesConcVV\_DST2 (Jul2019)

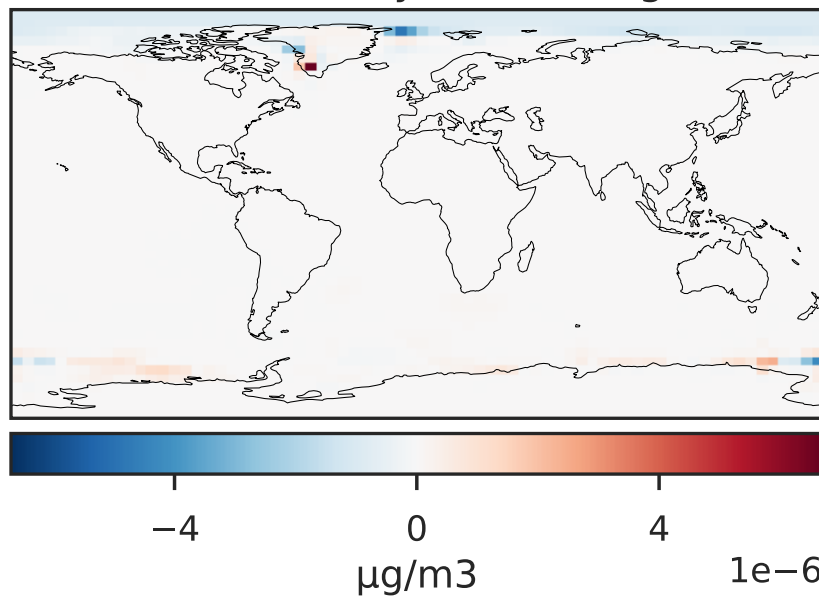
14.2.0-rc.2 (Ref)  
4.0x5.0



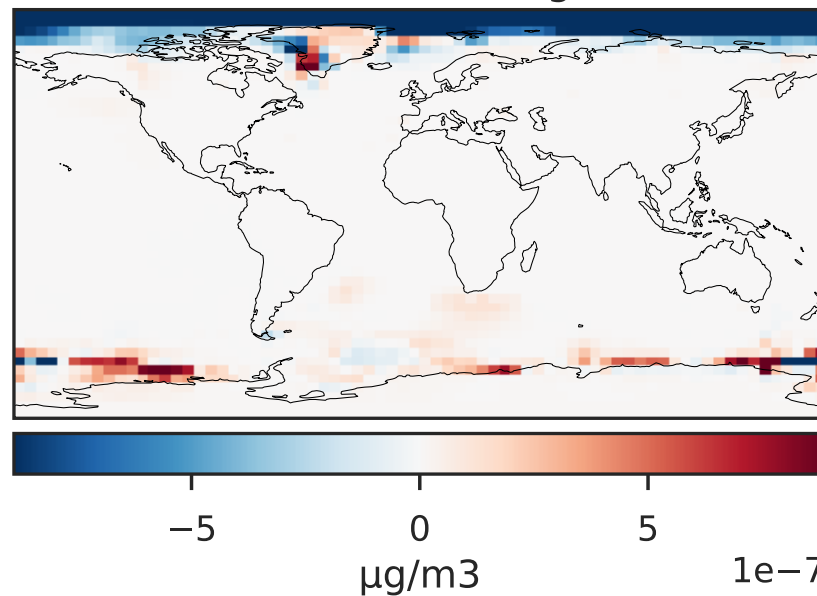
14.3.0-rc.0 (Dev)  
4.0x5.0



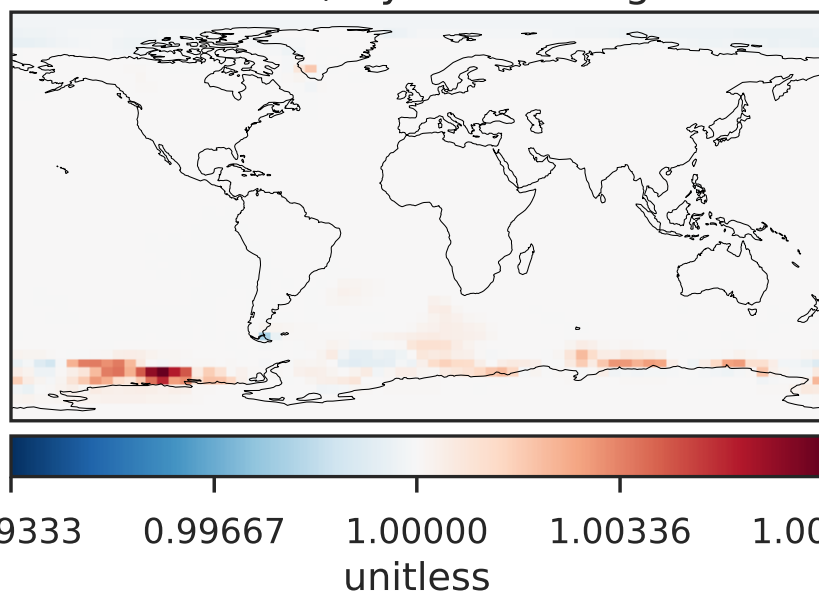
Difference  
Dev - Ref, Dynamic Range



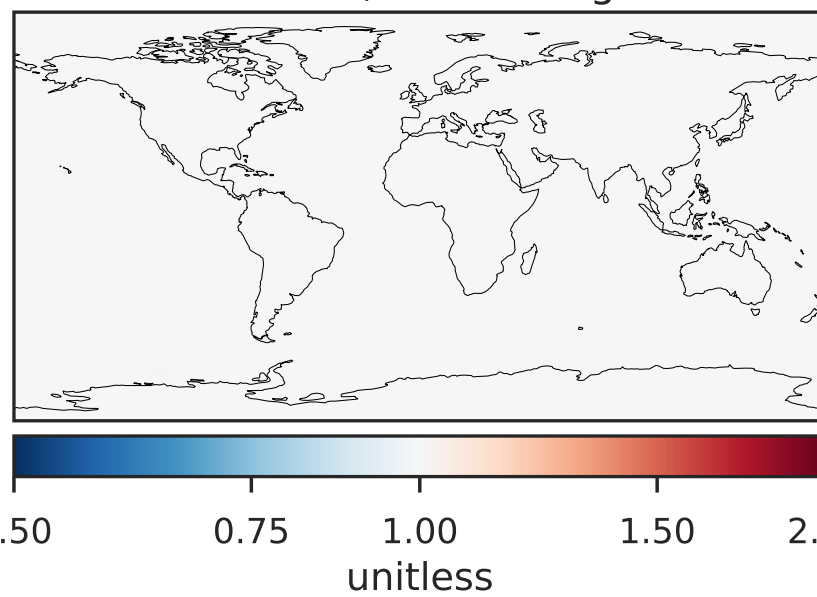
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

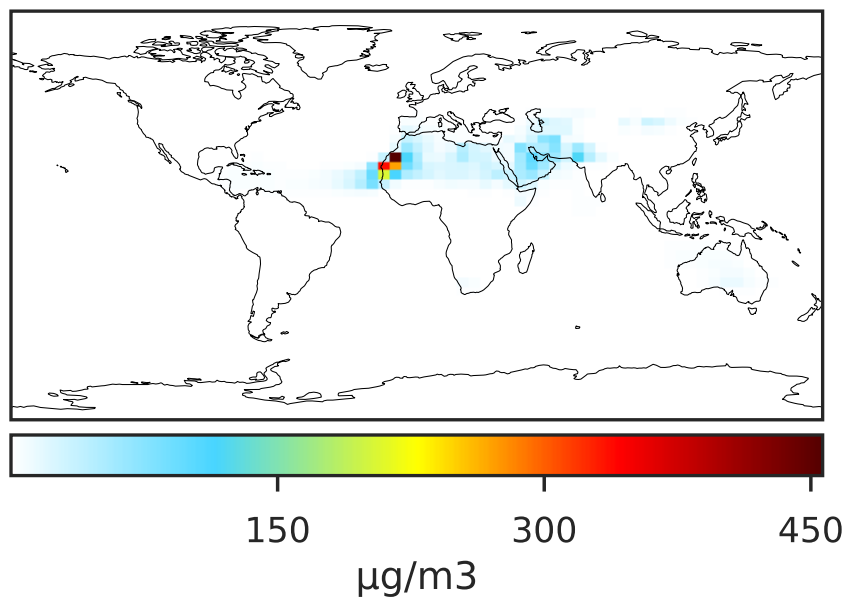


Ratio  
Dev/Ref, Fixed Range

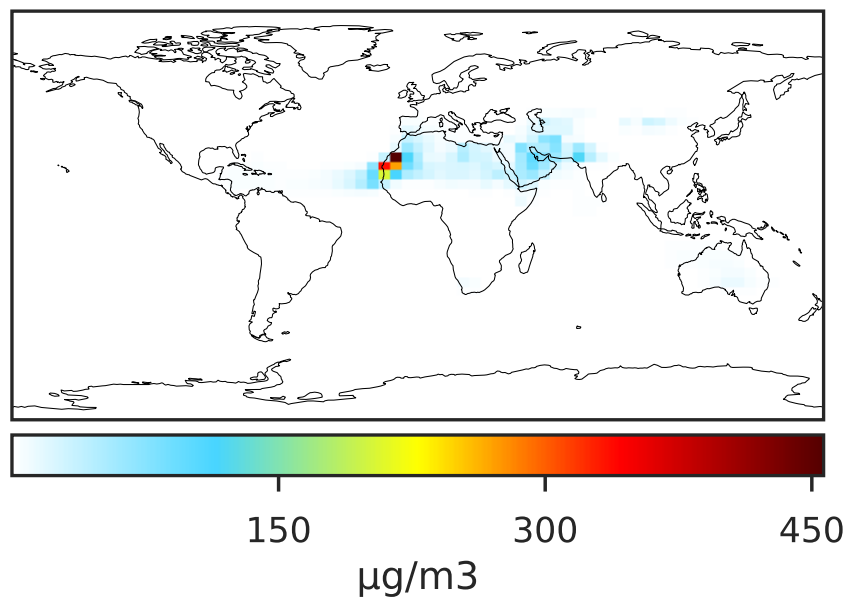


# SpeciesConcVV\_DST3 (Jul2019)

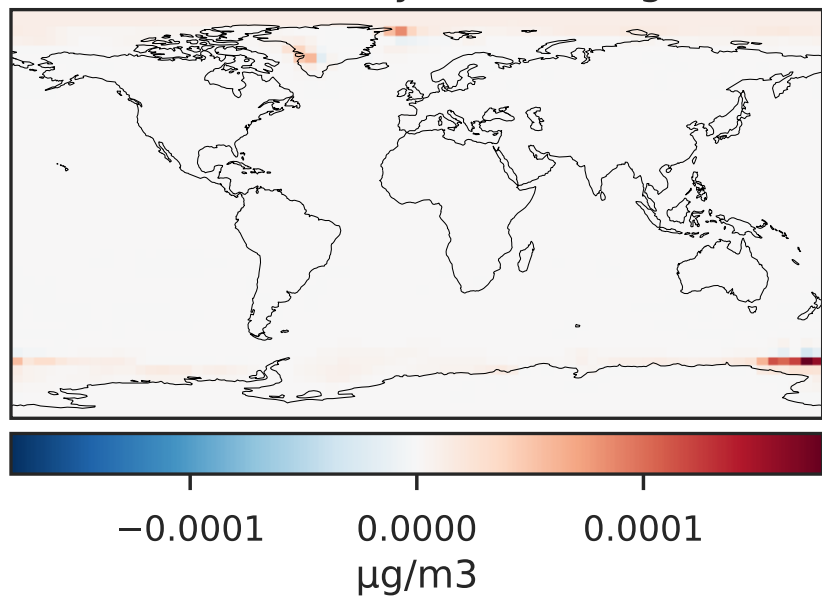
14.2.0-rc.2 (Ref)  
4.0x5.0



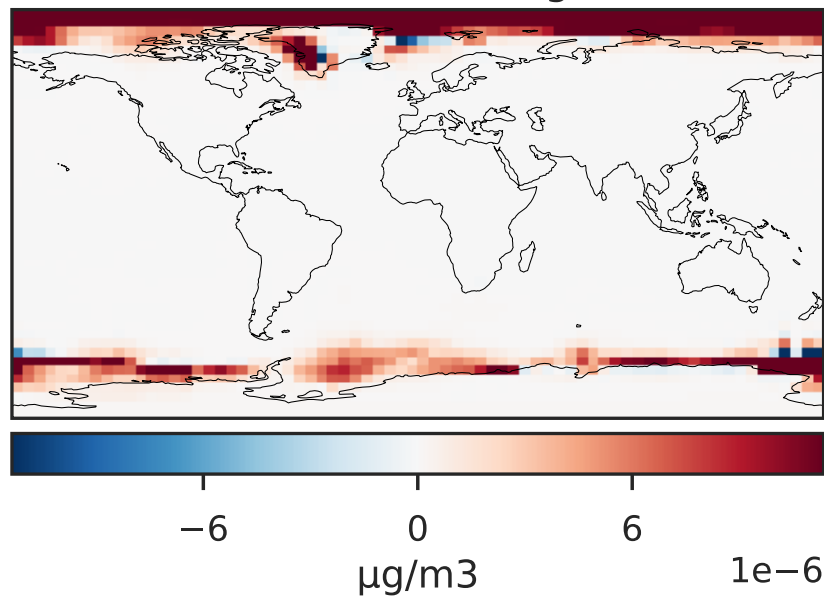
14.3.0-rc.0 (Dev)  
4.0x5.0



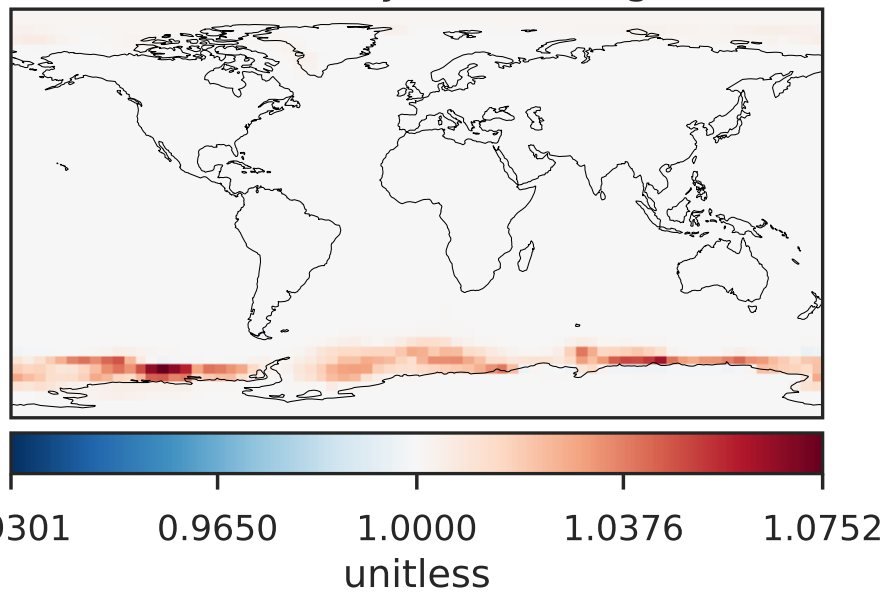
Difference  
Dev - Ref, Dynamic Range



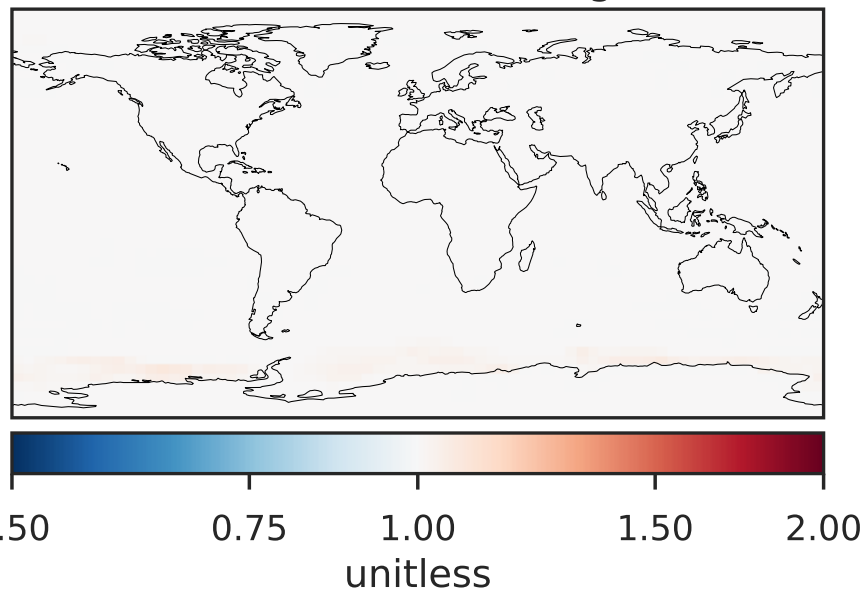
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

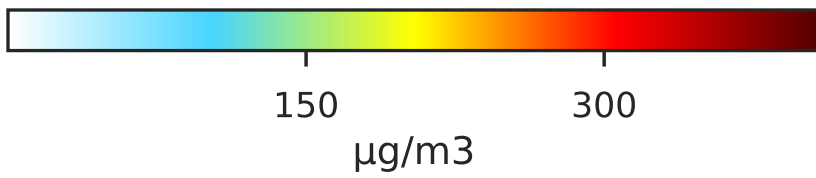
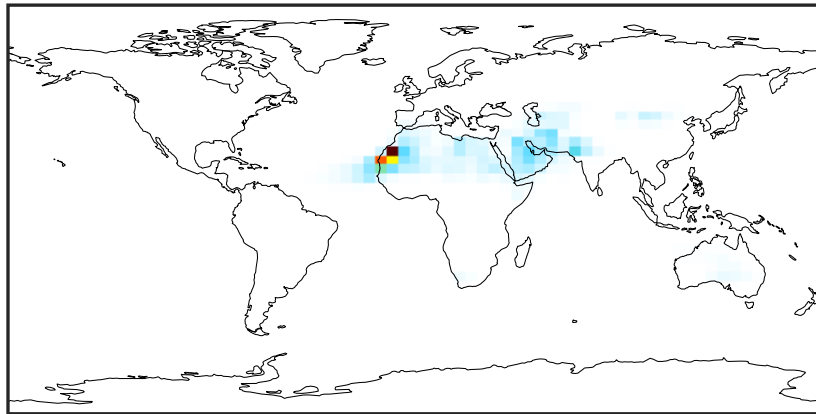


Ratio  
Dev/Ref, Fixed Range

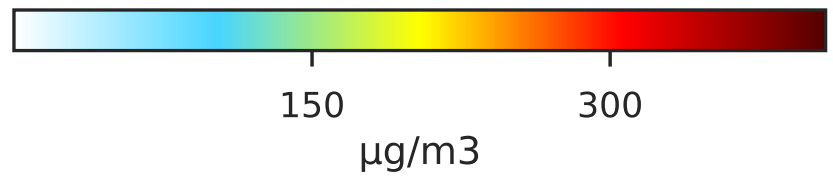
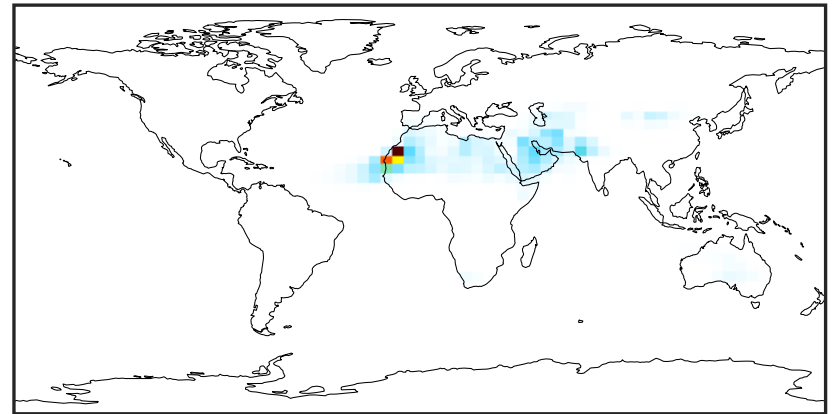


# SpeciesConcVV\_DST4 (Jul2019)

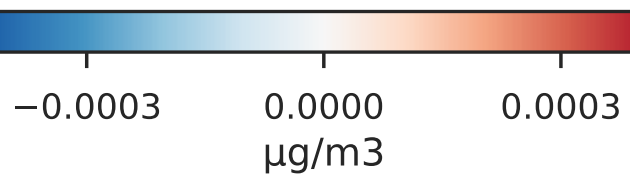
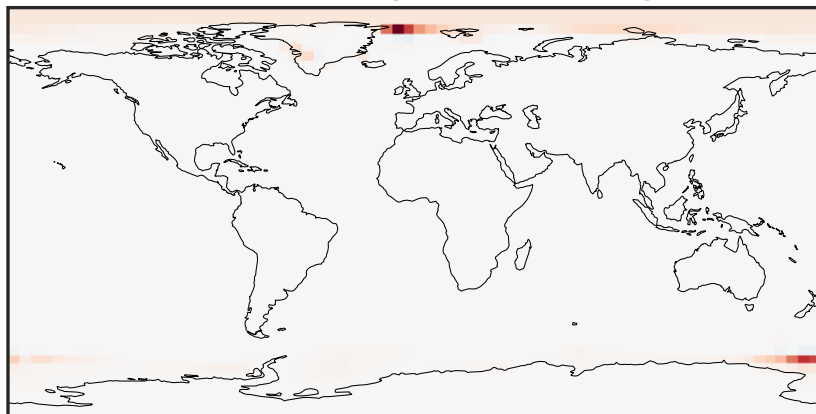
14.2.0-rc.2 (Ref)  
4.0x5.0



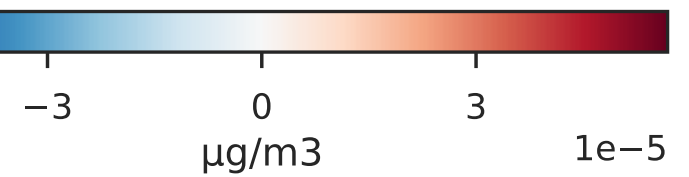
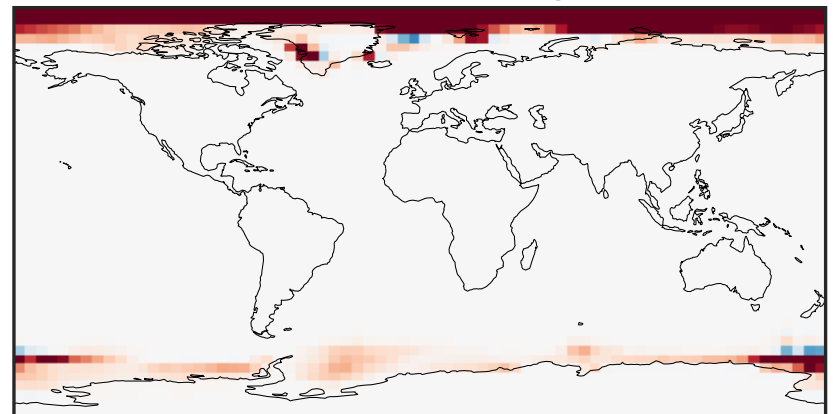
14.3.0-rc.0 (Dev)  
4.0x5.0



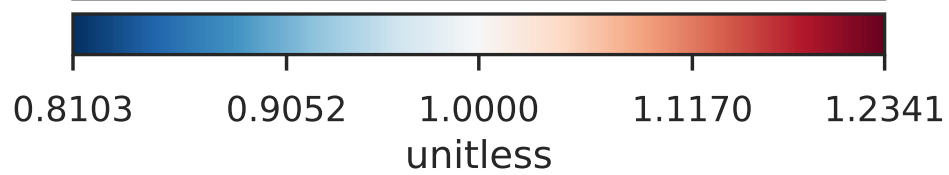
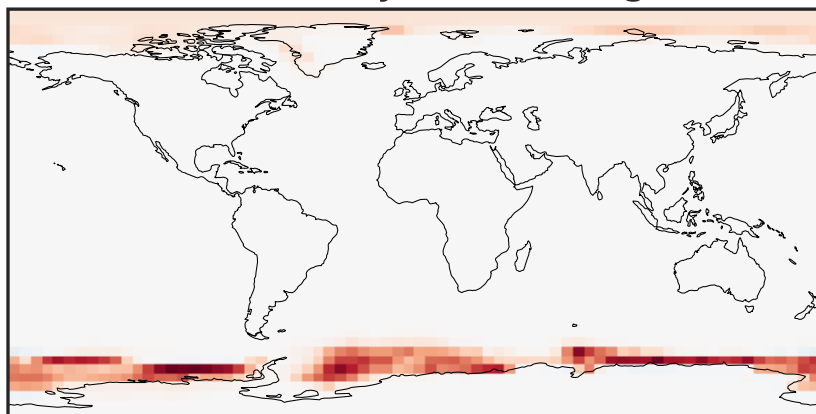
Difference  
Dev - Ref, Dynamic Range



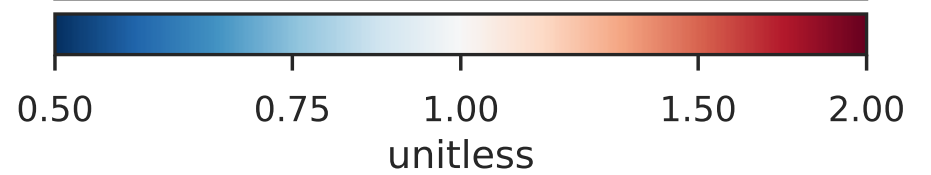
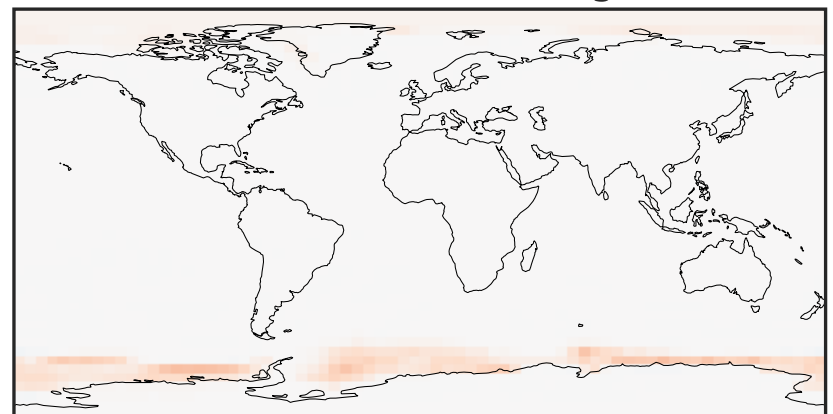
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

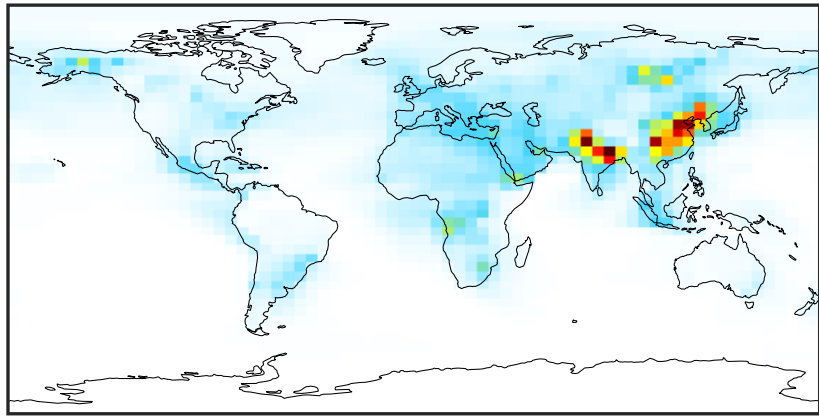


Ratio  
Dev/Ref, Fixed Range



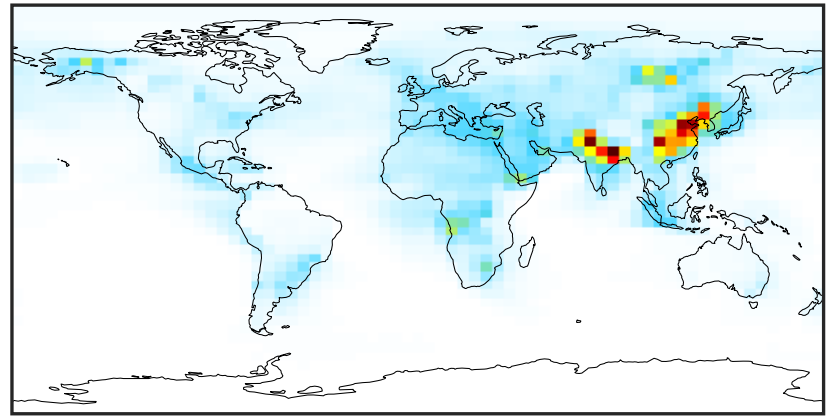
# SpeciesConcVV\_NH4 (Jul2019)

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



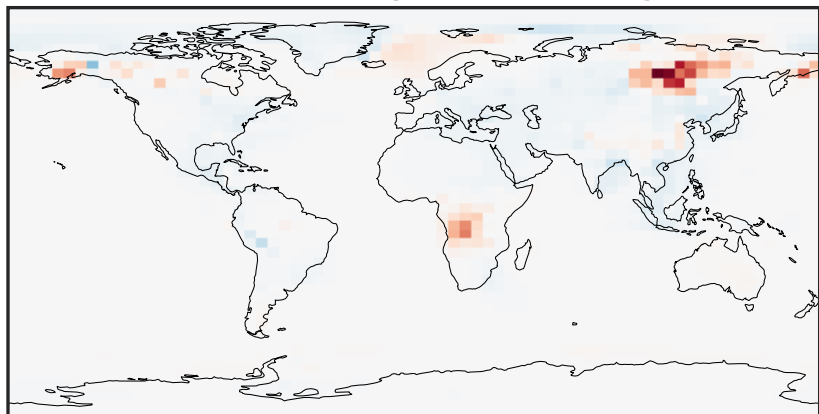
0.000 1.695 3.389 5.083 6.777  
 $\mu\text{g}/\text{m}^3$

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



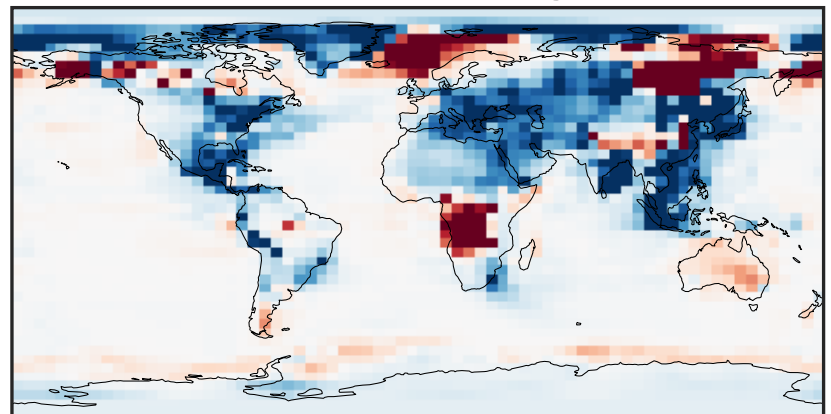
0.000 1.695 3.389 5.083 6.777  
 $\mu\text{g}/\text{m}^3$

Difference  
Dev - Ref, Dynamic Range



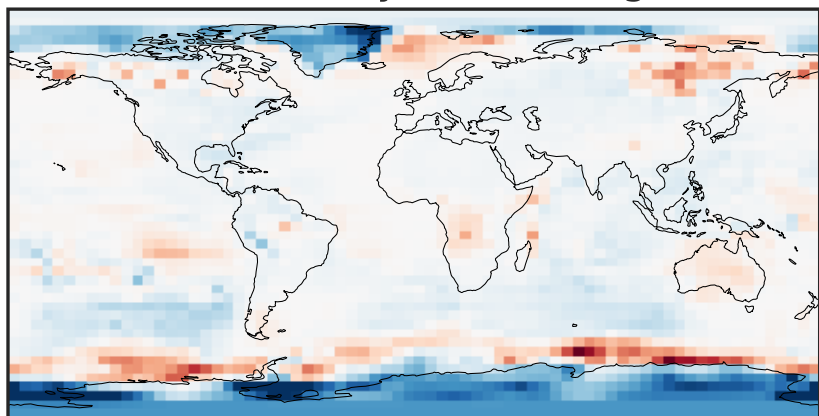
-0.0950 -0.0475 0.0000 0.0475 0.0950  
 $\mu\text{g}/\text{m}^3$

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



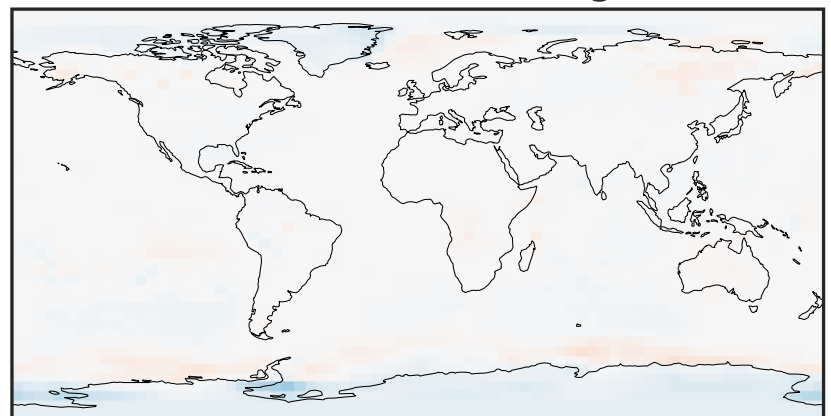
-0.003 0.000 0.003  
 $\mu\text{g}/\text{m}^3$

Ratio  
Dev/Ref, Dynamic Range



0.8970 0.9485 1.0000 1.0574 1.1148  
unitless

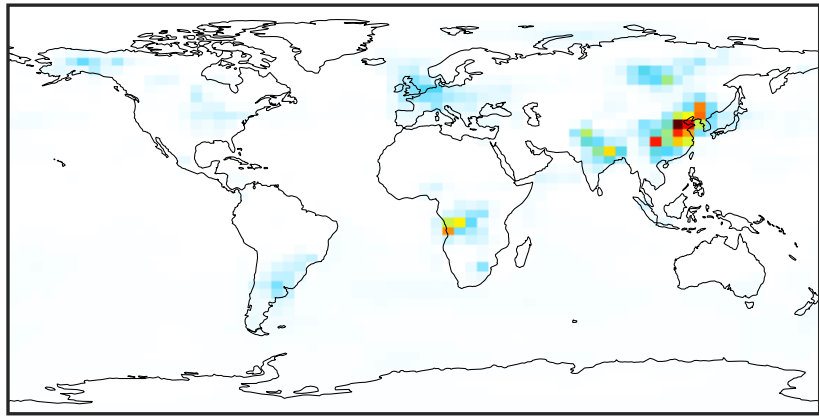
Ratio  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

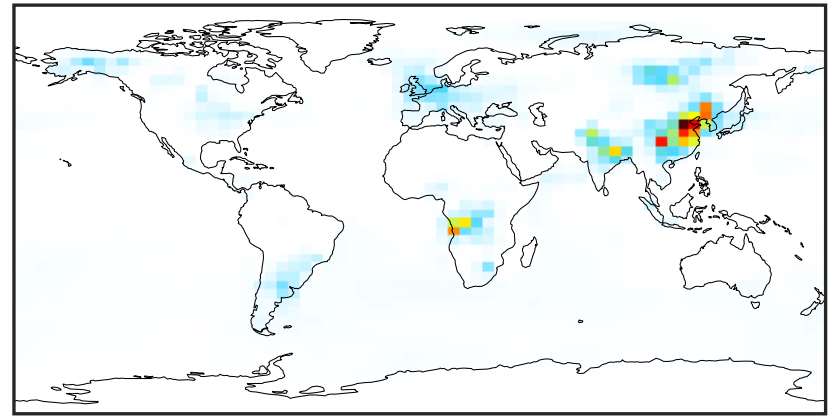
# SpeciesConcVV\_NIT (Jul2019)

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



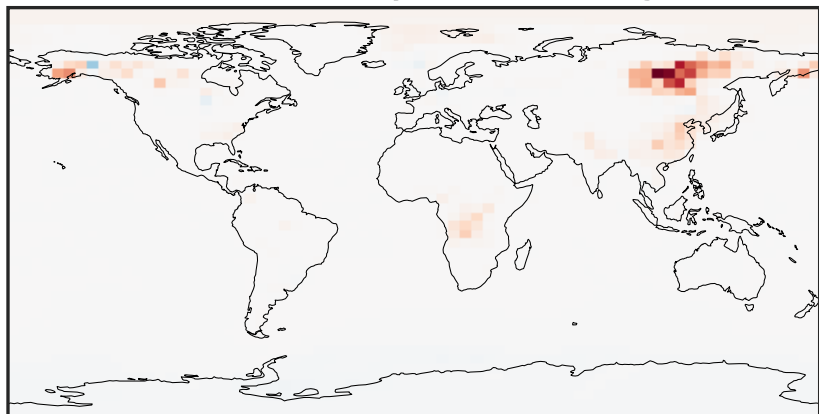
0.000 2.373 4.747 7.120 9.493  
 $\mu\text{g}/\text{m}^3$

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



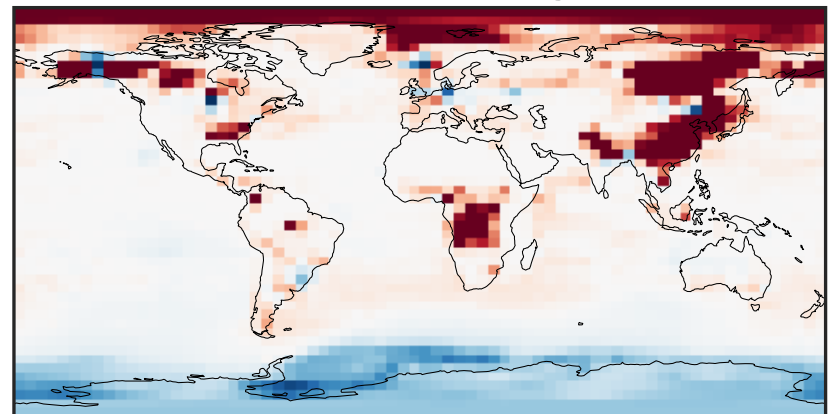
0.000 2.373 4.747 7.120 9.493  
 $\mu\text{g}/\text{m}^3$

Difference  
Dev - Ref, Dynamic Range



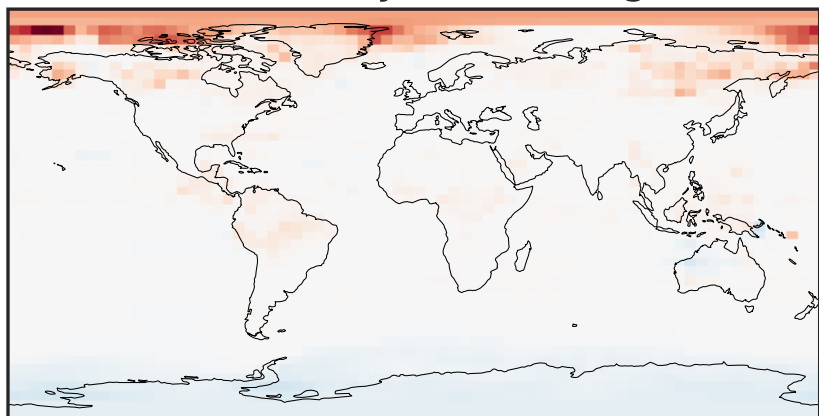
-0.3845 -0.1923 0.0000 0.1923 0.3845  
 $\mu\text{g}/\text{m}^3$

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



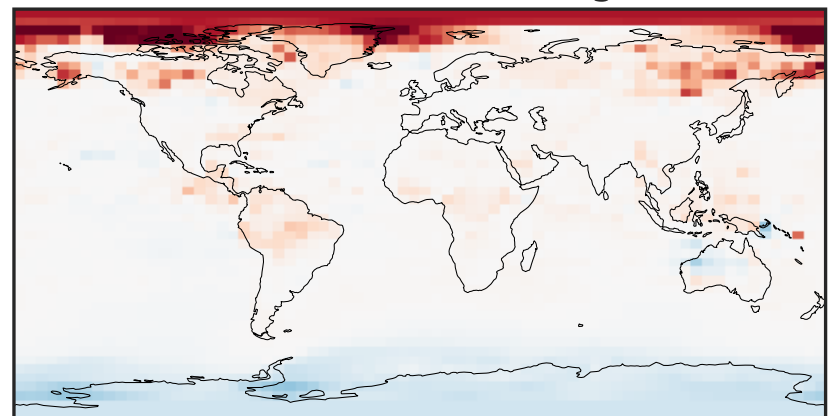
-0.008 0.000 0.008  
 $\mu\text{g}/\text{m}^3$

Ratio  
Dev/Ref, Dynamic Range



0.240 0.620 1.000 2.581 4.162  
unitless

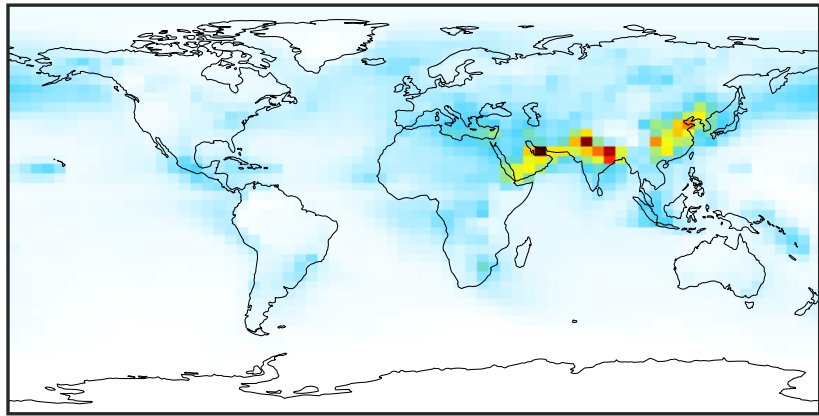
Ratio  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

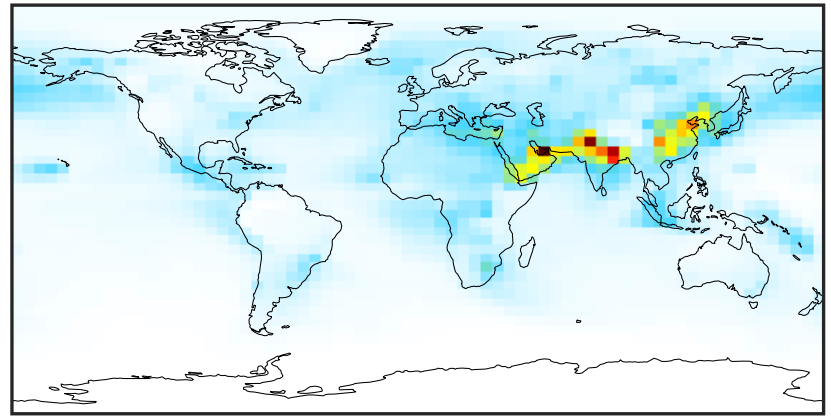
# SpeciesConcVV\_SO4 (Jul2019)

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



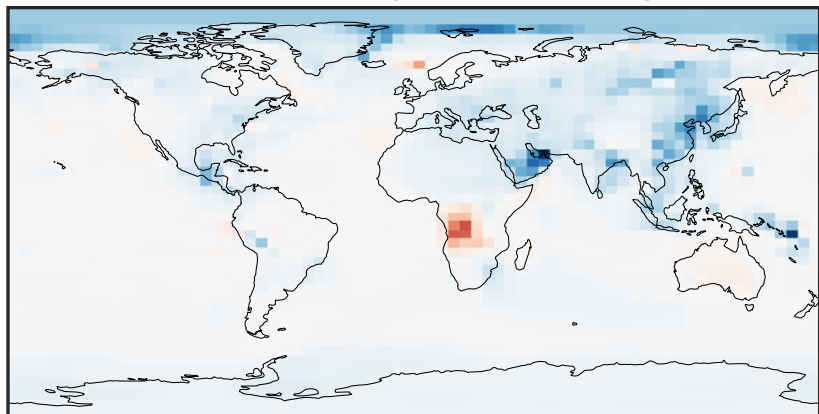
0.03 4.11 8.18 12.26 16.34  
 $\mu\text{g}/\text{m}^3$

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



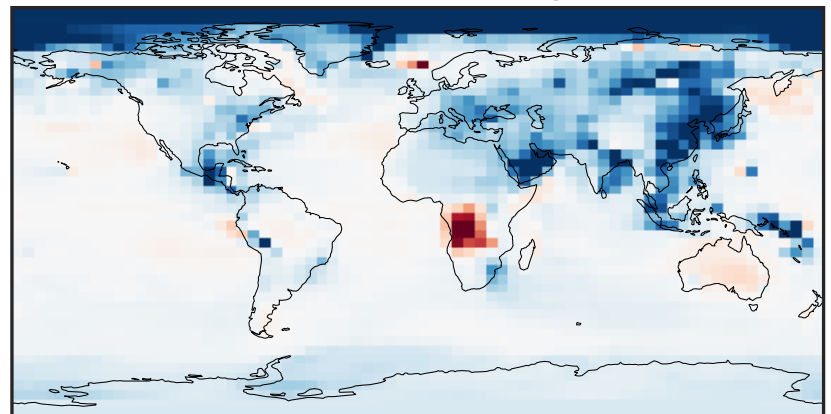
0.03 4.11 8.18 12.26 16.34  
 $\mu\text{g}/\text{m}^3$

Difference  
Dev - Ref, Dynamic Range



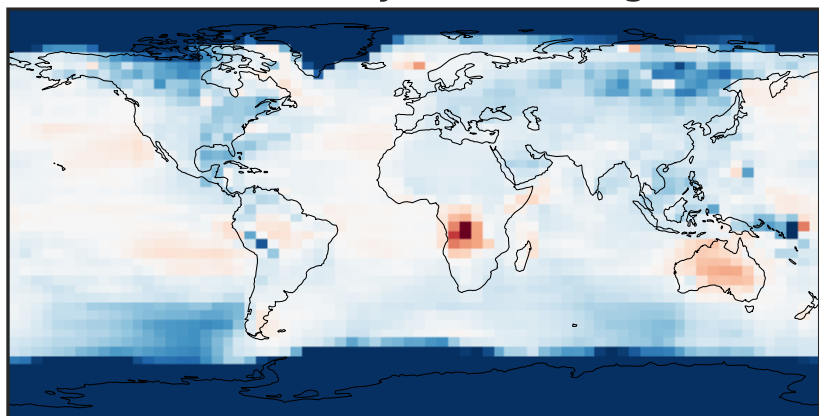
-0.102 -0.051 0.000 0.051 0.102  
 $\mu\text{g}/\text{m}^3$

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



-0.02 0.00 0.02  
 $\mu\text{g}/\text{m}^3$

Ratio  
Dev/Ref, Dynamic Range



0.96635 0.98318 1.00000 1.01741 1.03482  
unitless

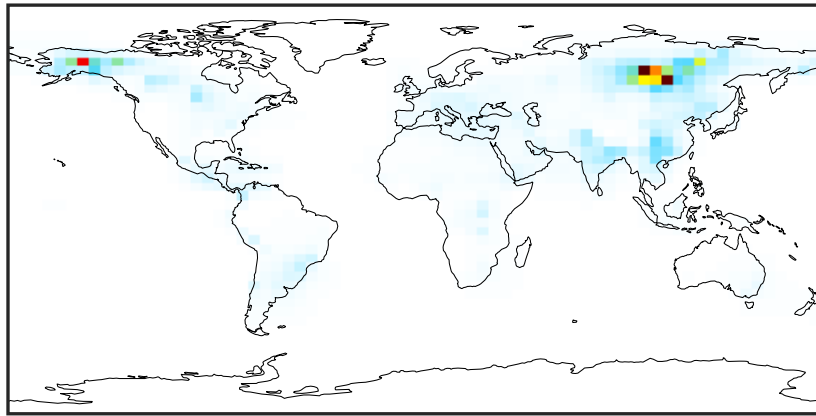
Ratio  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

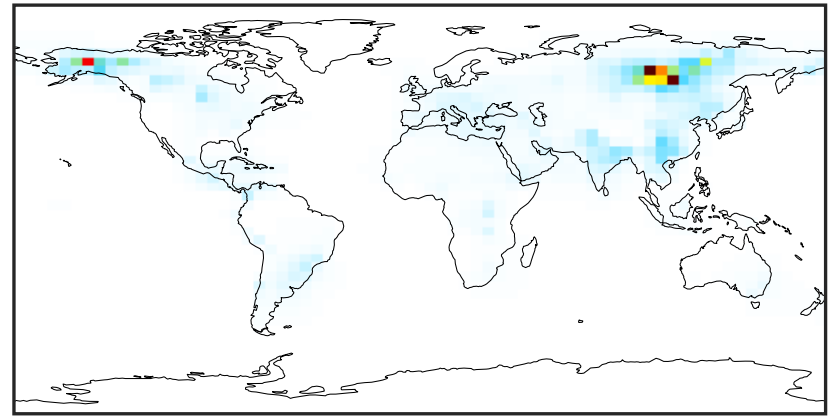
# SpeciesConcVV\_HMS (Jul2019)

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



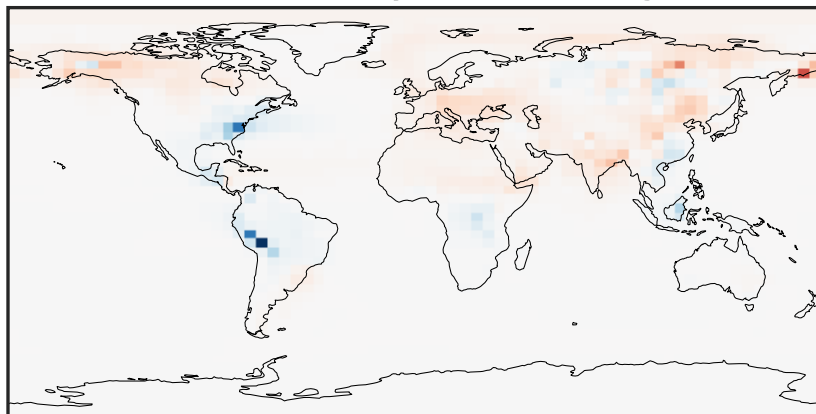
0.001 2.324 4.647 6.970 9.294  
 $\mu\text{g}/\text{m}^3$

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



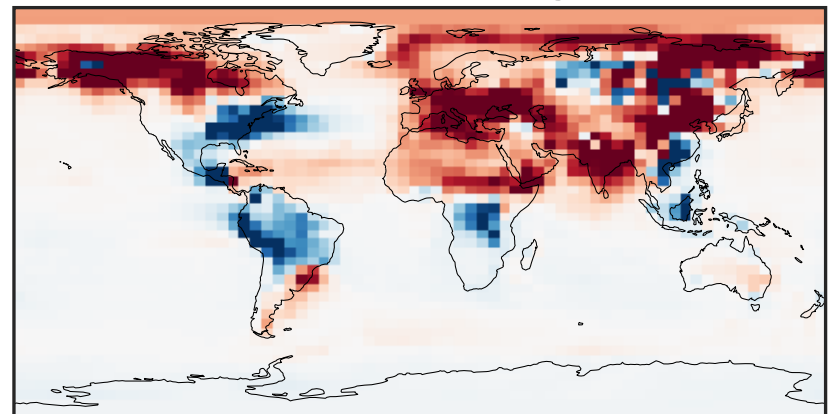
0.001 2.324 4.647 6.970 9.294  
 $\mu\text{g}/\text{m}^3$

Difference  
Dev - Ref, Dynamic Range



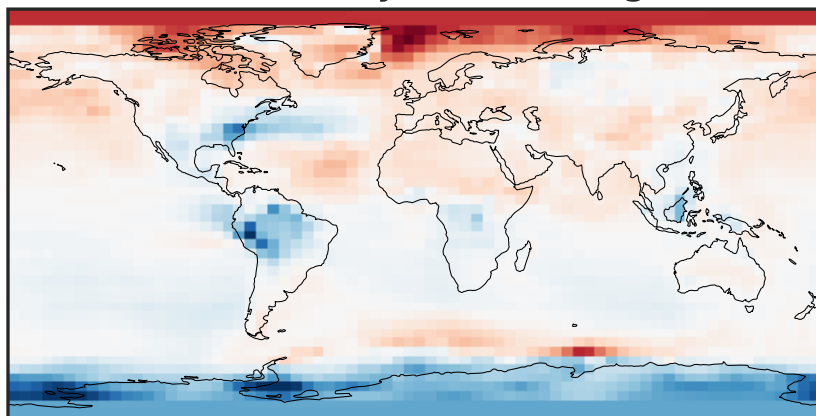
-0.0722 -0.0361 0.0000 0.0361 0.0722  
 $\mu\text{g}/\text{m}^3$

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



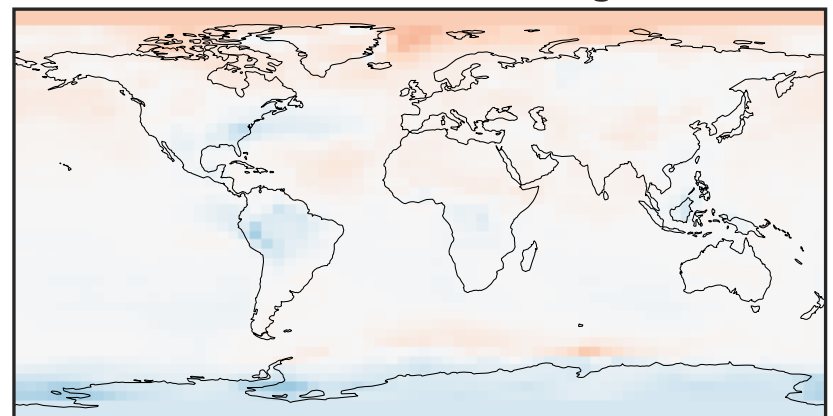
-0.003 0.000 0.003  
 $\mu\text{g}/\text{m}^3$

Ratio  
Dev/Ref, Dynamic Range



0.7943 0.8972 1.0000 1.1294 1.2589  
unitless

Ratio  
Dev/Ref, Fixed Range

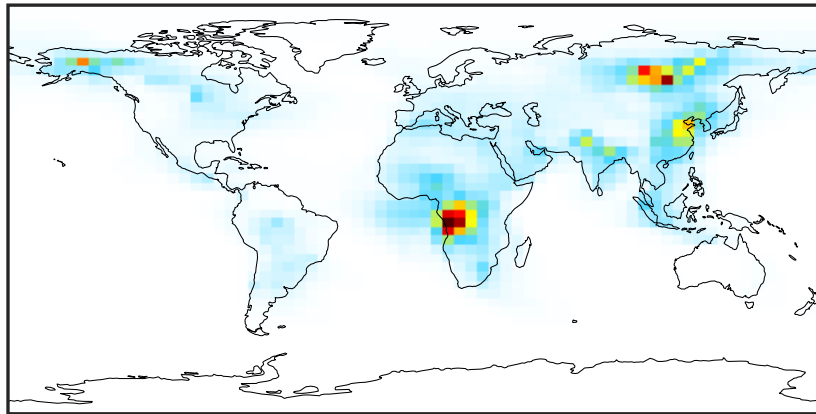


0.50 0.75 1.00 1.50 2.00  
unitless



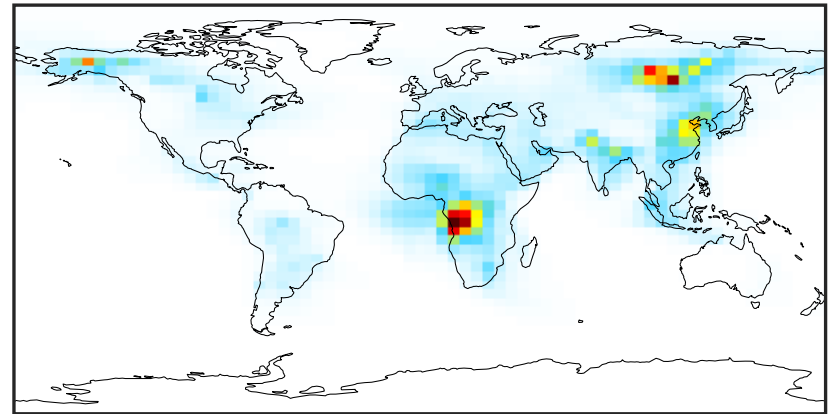
# SpeciesConcVV\_BCPI (Jul2019)

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



0.000 0.605 1.209 1.814 2.418  
 $\mu\text{g}/\text{m}^3$

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



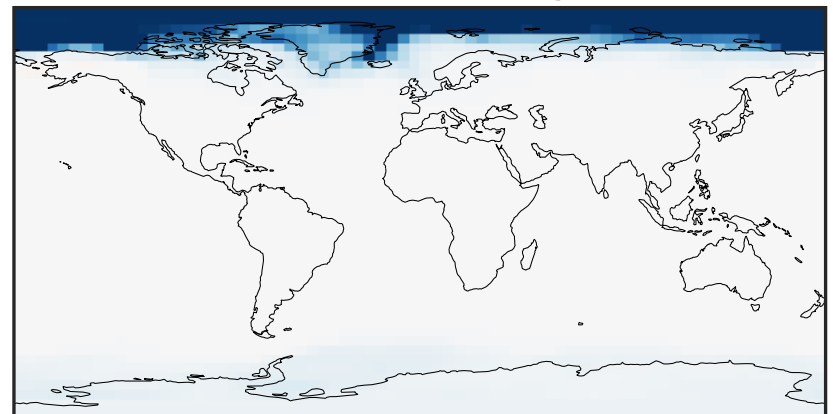
0.000 0.605 1.209 1.814 2.418  
 $\mu\text{g}/\text{m}^3$

Difference  
Dev - Ref, Dynamic Range



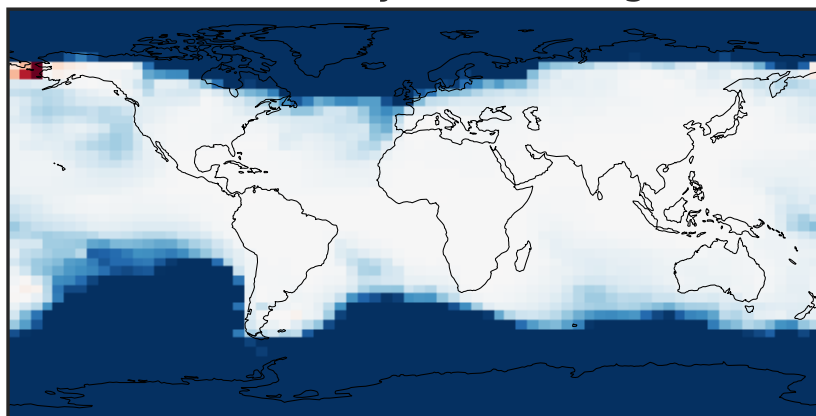
-0.0025 0.0000 0.0025  
 $\mu\text{g}/\text{m}^3$

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



-0.0008 0.0000 0.0008  
 $\mu\text{g}/\text{m}^3$

Ratio  
Dev/Ref, Dynamic Range



0.999331 1.000000 1.000669  
unitless

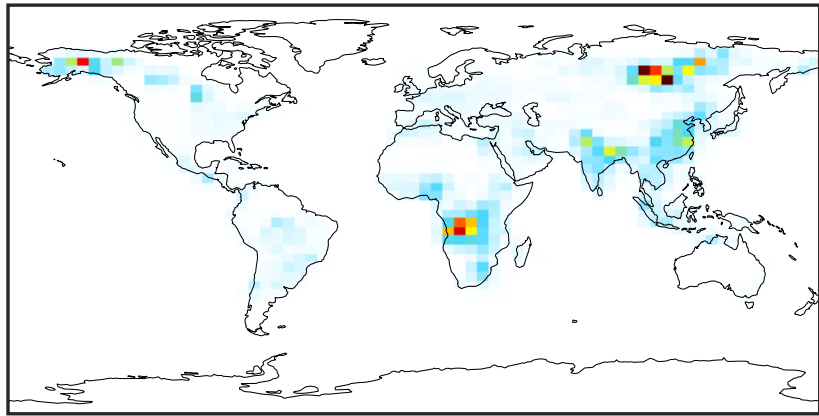
Ratio  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

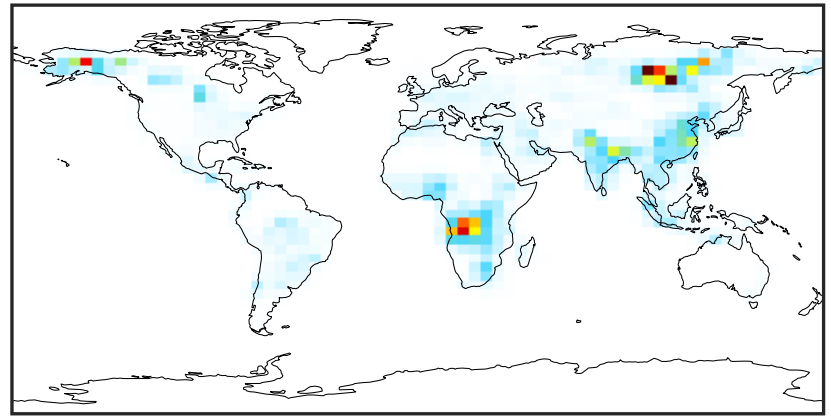
# SpeciesConcVV\_BCPO (Jul2019)

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



0.000 0.628 1.255 1.883 2.511  
 $\mu\text{g}/\text{m}^3$

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



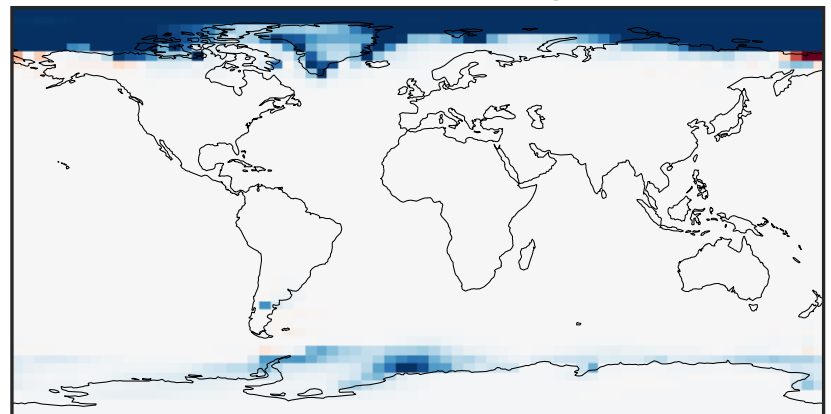
0.000 0.628 1.255 1.883 2.511  
 $\mu\text{g}/\text{m}^3$

Difference  
Dev - Ref, Dynamic Range



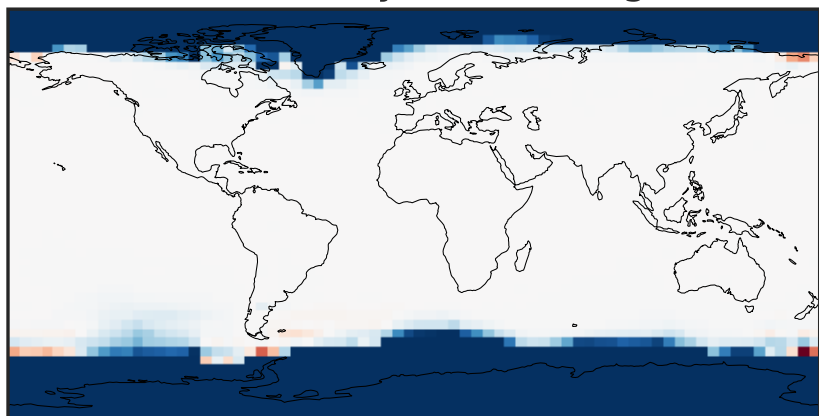
-0.00015 0.00000 0.00015  
 $\mu\text{g}/\text{m}^3$

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



-5 0 5  
 $\mu\text{g}/\text{m}^3$   $1\text{e}-6$

Ratio  
Dev/Ref, Dynamic Range



0.997473 0.998736 1.000000 1.001267 1.002534  
unitless

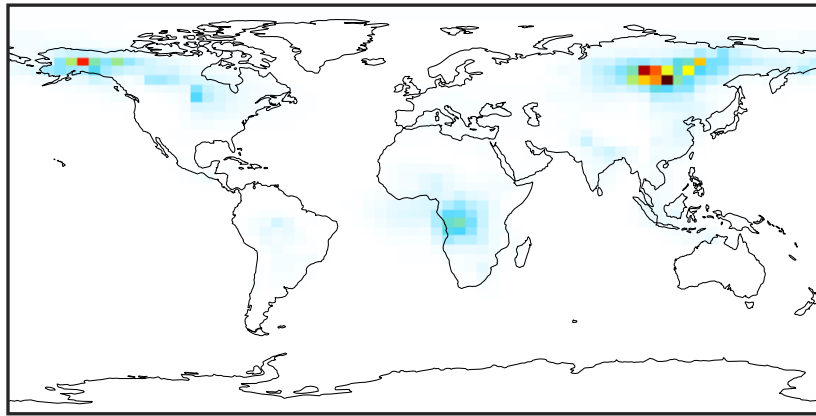
Ratio  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

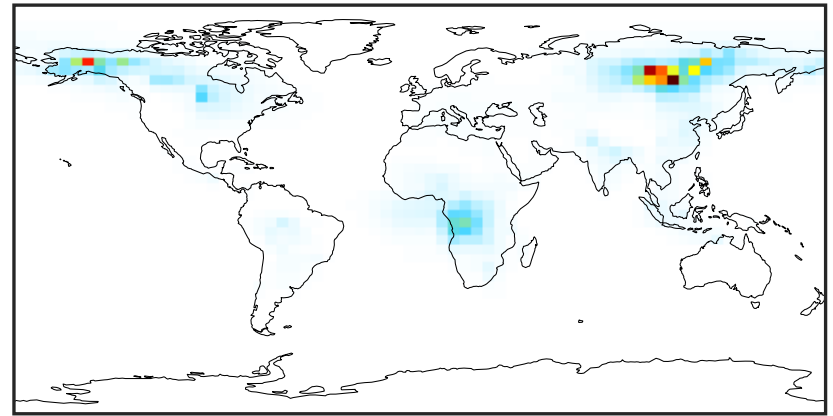
# SpeciesConcVV\_OCPI (Jul2019)

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



0.00 14.85 29.69 44.53 59.38  
 $\mu\text{g}/\text{m}^3$

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



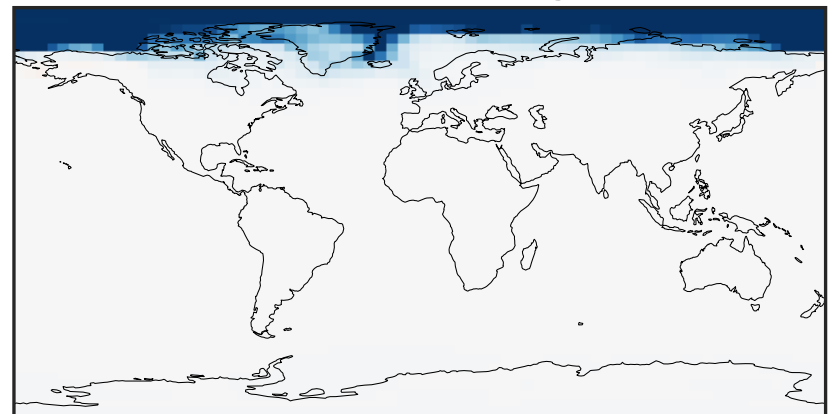
0.00 14.85 29.69 44.53 59.38  
 $\mu\text{g}/\text{m}^3$

Difference  
Dev - Ref, Dynamic Range



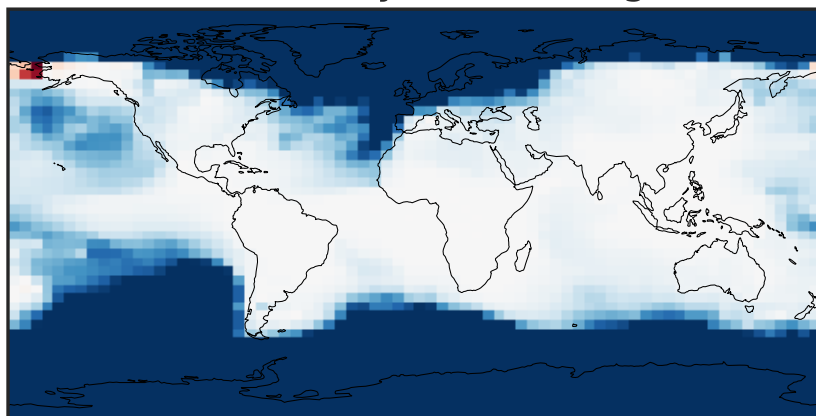
-0.0786 -0.0393 0.0000 0.0393 0.0786  
 $\mu\text{g}/\text{m}^3$

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



-0.015 0.000 0.015  
 $\mu\text{g}/\text{m}^3$

Ratio  
Dev/Ref, Dynamic Range



0.999317 1.000000 1.000684  
unitless

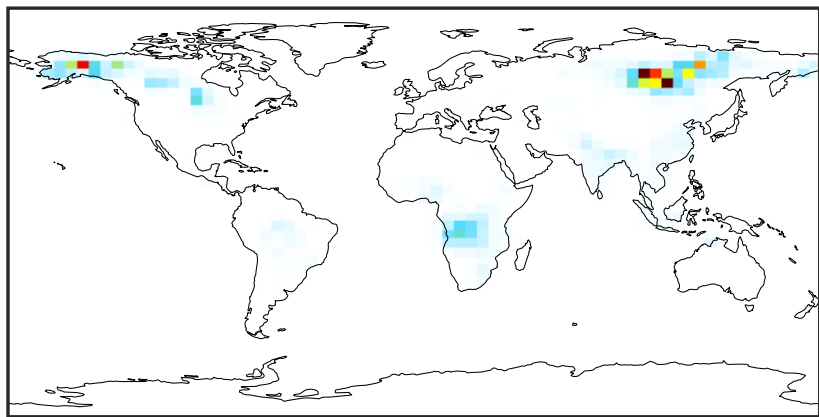
Ratio  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

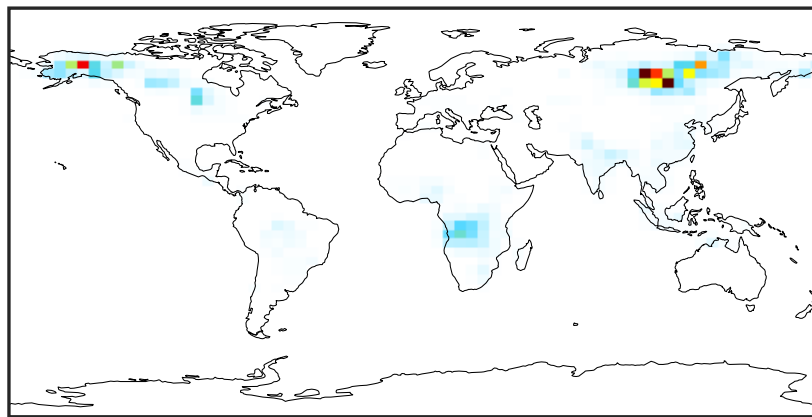
# SpeciesConcVV\_OCPO (Jul2019)

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



0.00 7.53 15.05 22.58 30.11  
 $\mu\text{g}/\text{m}^3$

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



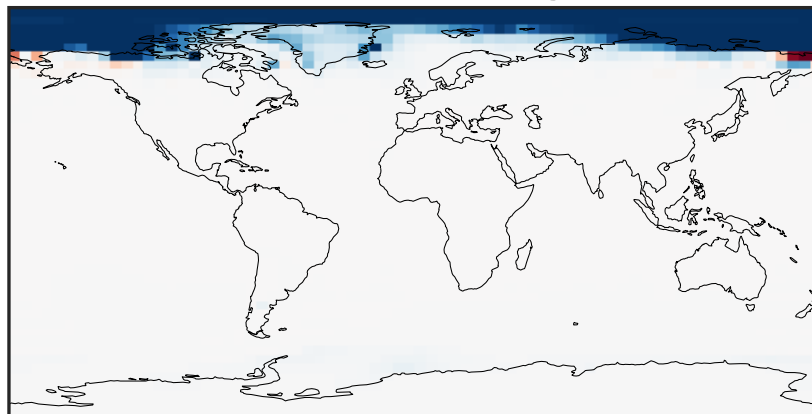
0.00 7.53 15.05 22.58 30.11  
 $\mu\text{g}/\text{m}^3$

Difference  
Dev - Ref, Dynamic Range



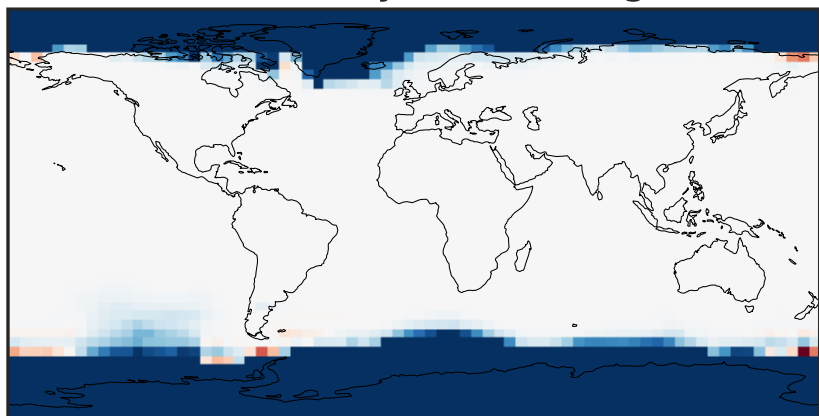
-0.0015 0.0000 0.0015  
 $\mu\text{g}/\text{m}^3$

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



-5 0 5  
 $\mu\text{g}/\text{m}^3$   $1\text{e}-5$

Ratio  
Dev/Ref, Dynamic Range



0.997638 0.998819 1.000000 1.001184 1.002367  
unitless

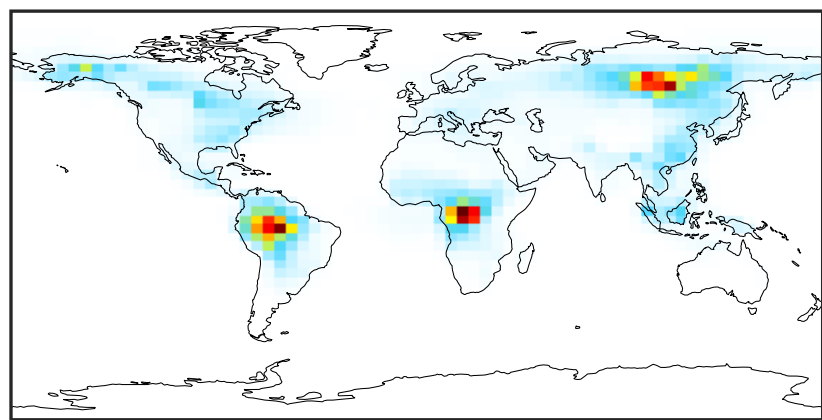
Ratio  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

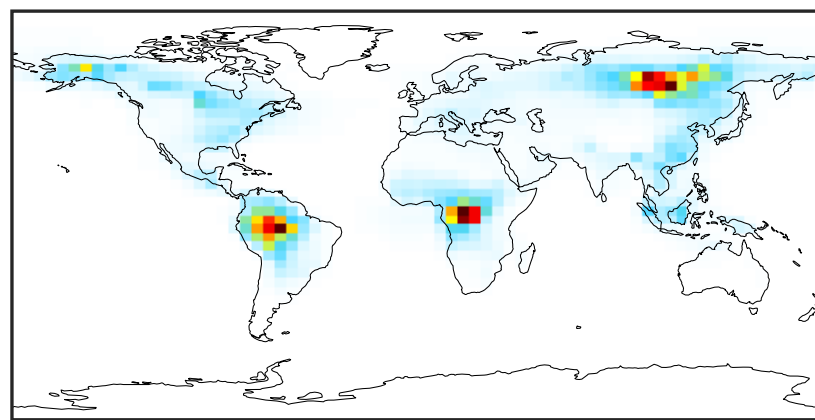
# SpeciesConcVV\_Complex\_SOA (Jul2019)

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



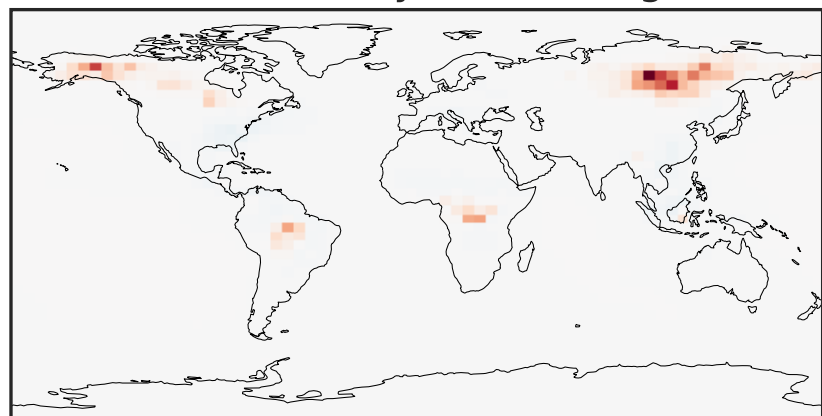
0.000 2.362 4.725 7.087 9.449  
 $\mu\text{g}/\text{m}^3$

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



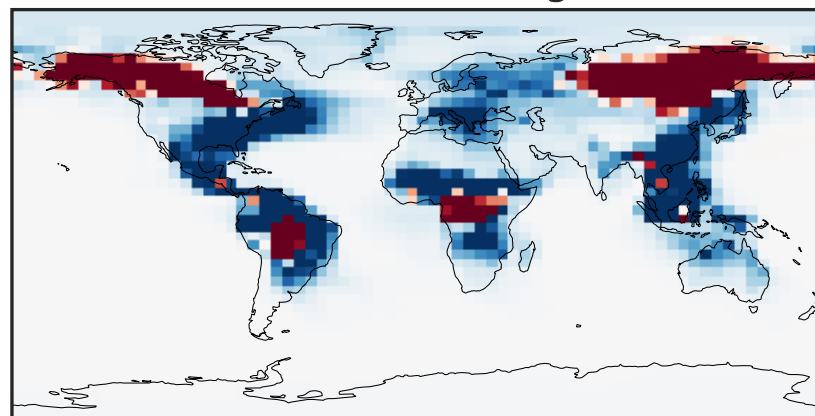
0.000 2.362 4.725 7.087 9.449  
 $\mu\text{g}/\text{m}^3$

Difference  
Dev - Ref, Dynamic Range



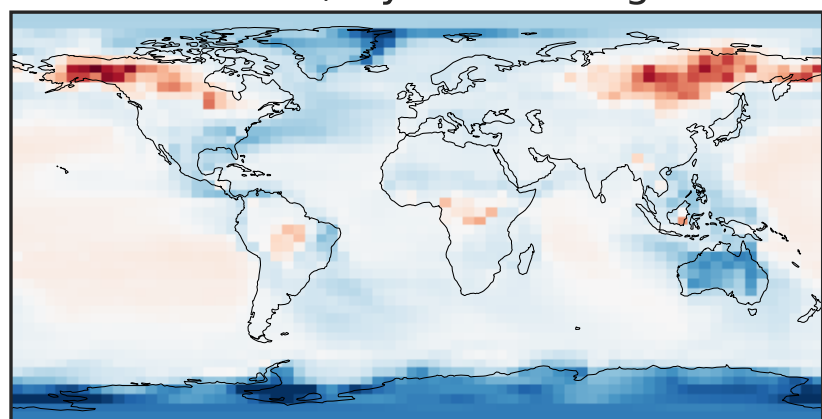
-1.293 -0.646 0.000 0.646 1.293  
 $\mu\text{g}/\text{m}^3$

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



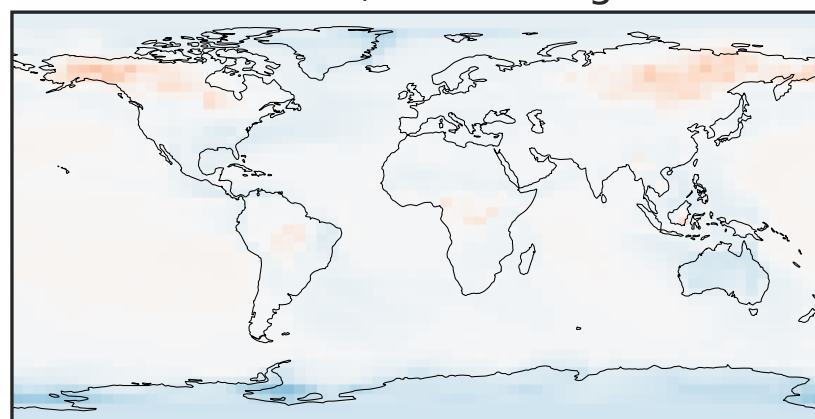
-0.006 0.000 0.006  
 $\mu\text{g}/\text{m}^3$

Ratio  
Dev/Ref, Dynamic Range



0.8211 0.9106 1.0000 1.1089 1.2178  
unitless

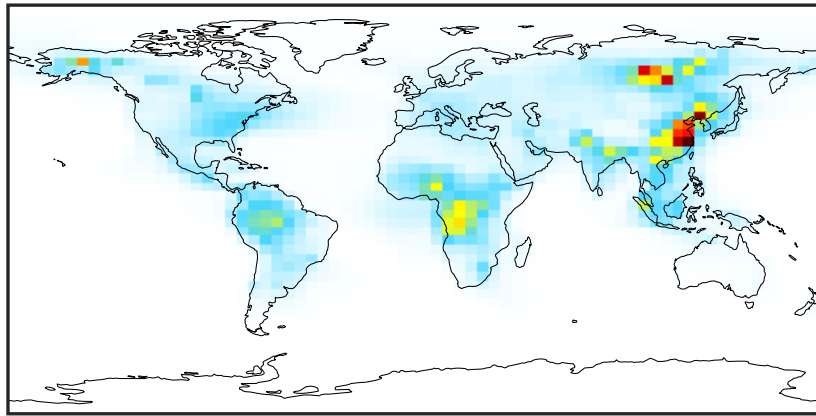
Ratio  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

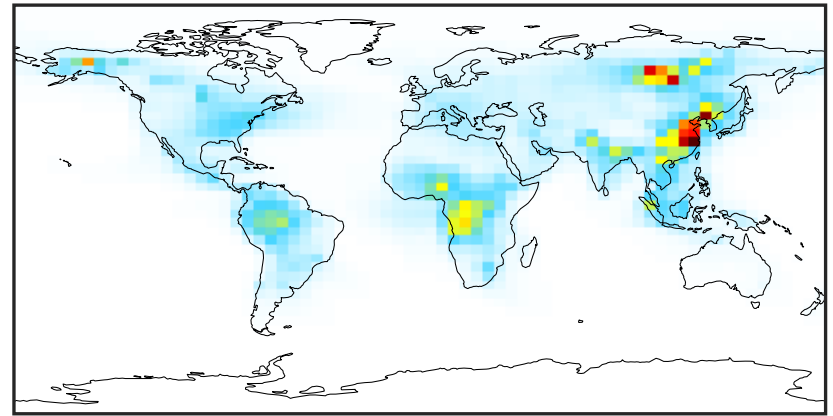
# SpeciesConcVV\_Simple\_SOA (Jul2019)

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



0.01 5.56 11.11 16.67 22.22  
 $\mu\text{g}/\text{m}^3$

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



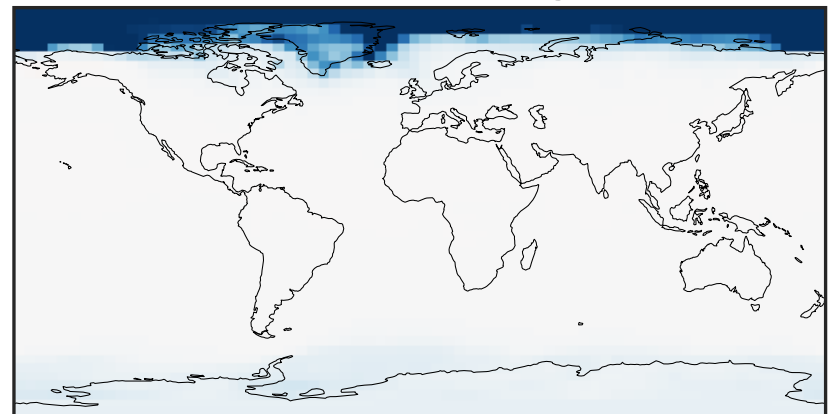
0.01 5.56 11.11 16.67 22.22  
 $\mu\text{g}/\text{m}^3$

Difference  
Dev - Ref, Dynamic Range



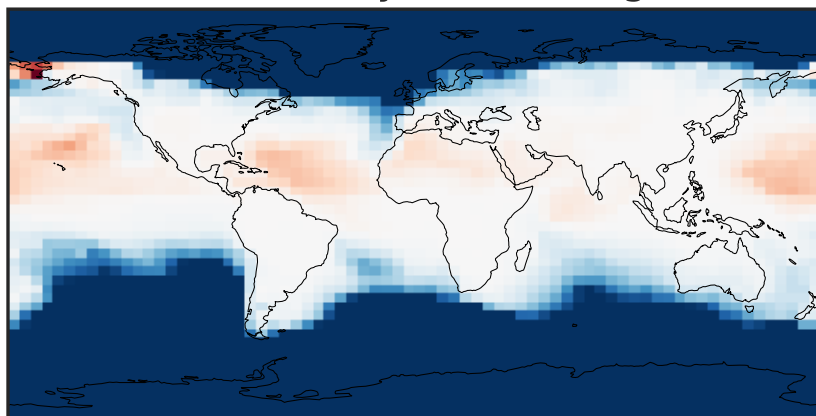
-0.02 0.00 0.02  
 $\mu\text{g}/\text{m}^3$

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



-0.008 0.000 0.008  
 $\mu\text{g}/\text{m}^3$

Ratio  
Dev/Ref, Dynamic Range



0.9995592 1.000000 1.0004410  
unitless

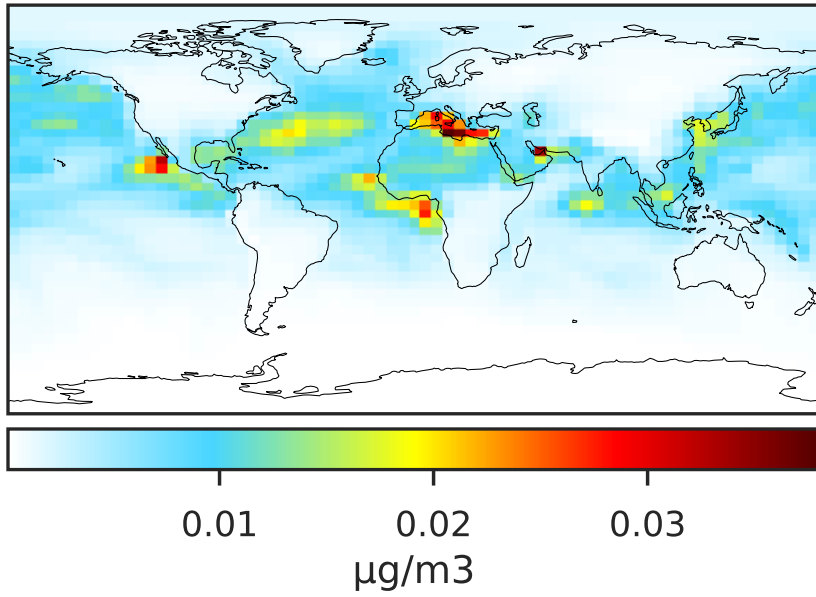
Ratio  
Dev/Ref, Fixed Range



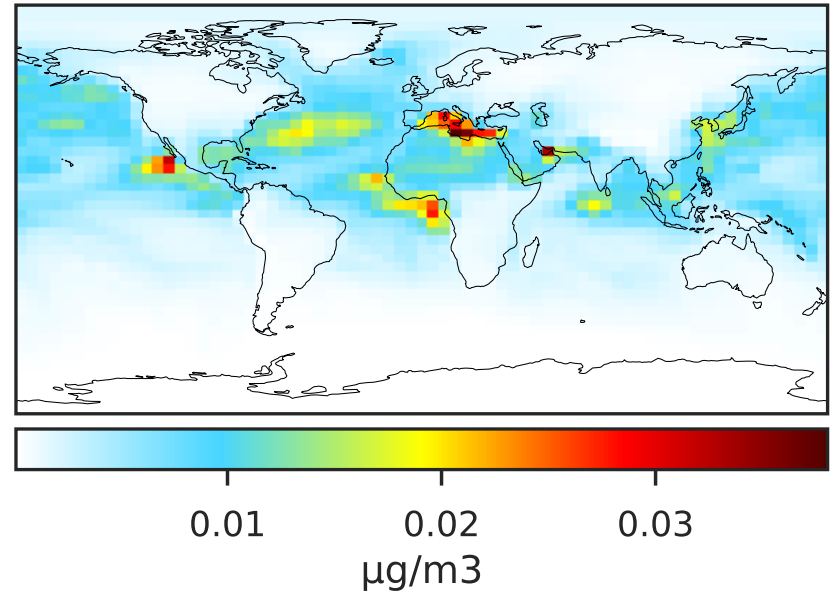
0.50 0.75 1.00 1.50 2.00  
unitless

# SpeciesConcVV\_AERI (Jul2019)

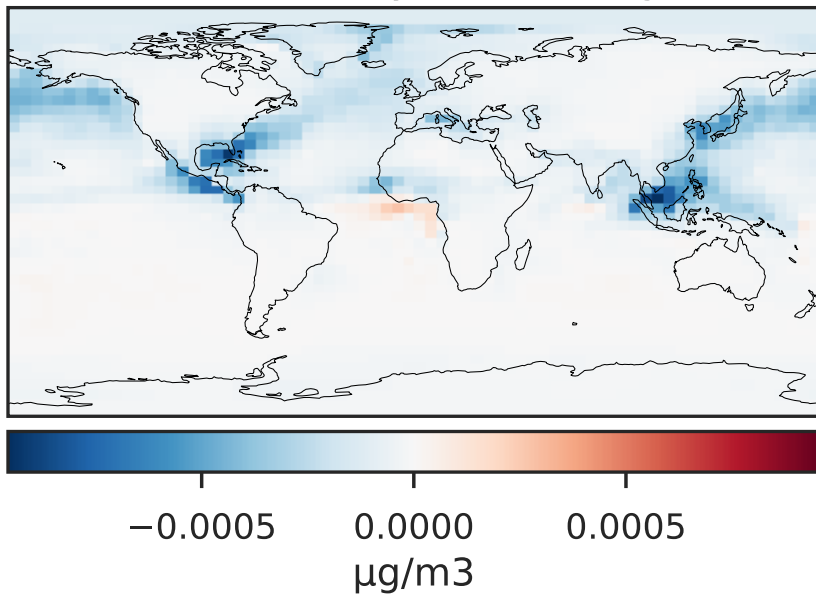
14.2.0-rc.2 (Ref)  
4.0x5.0



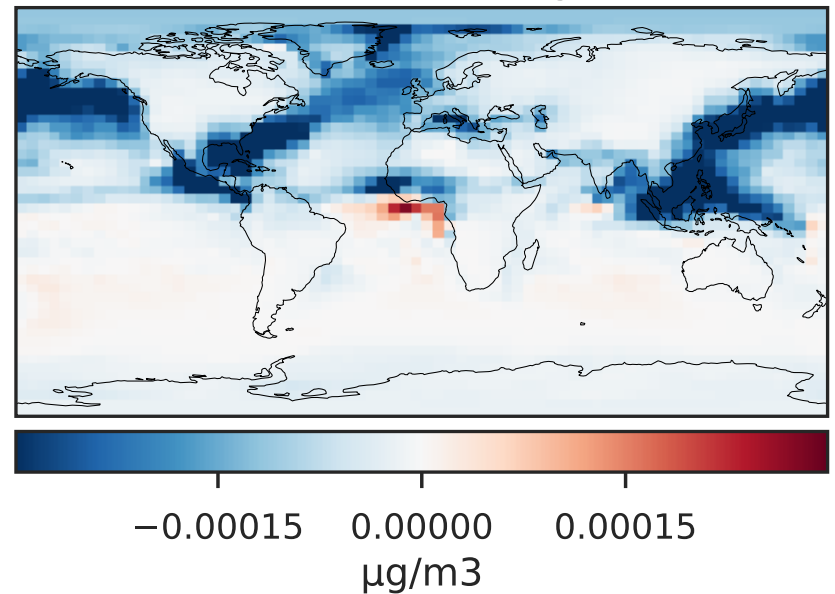
14.3.0-rc.0 (Dev)  
4.0x5.0



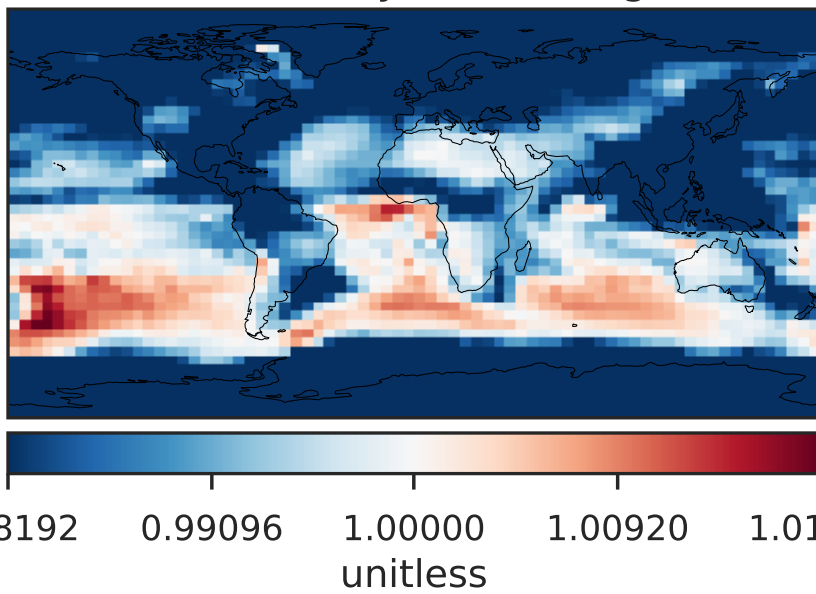
Difference  
Dev - Ref, Dynamic Range



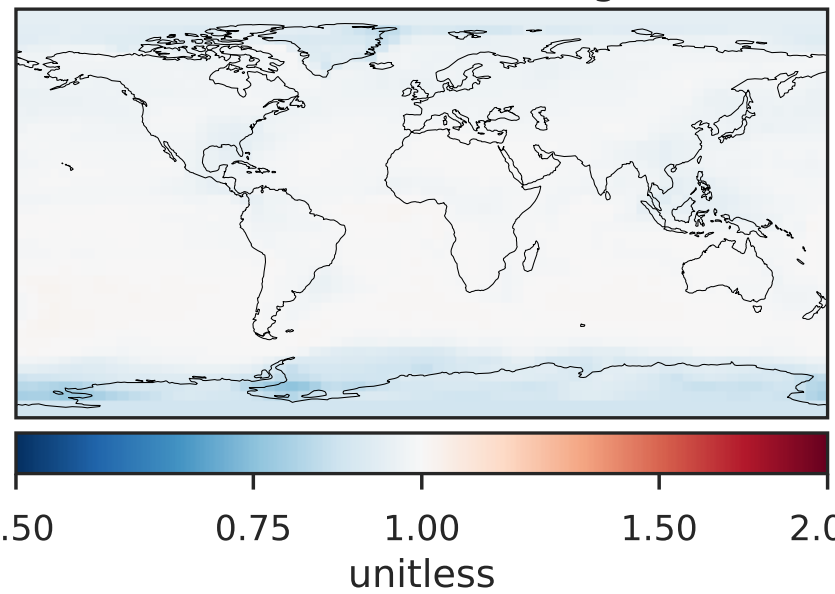
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

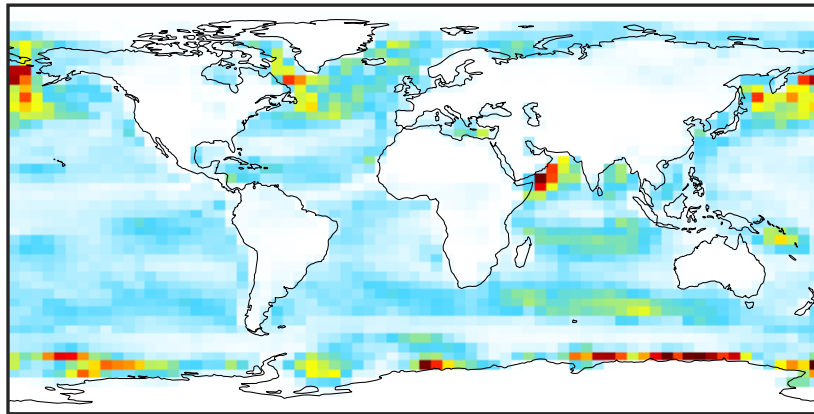


Ratio  
Dev/Ref, Fixed Range



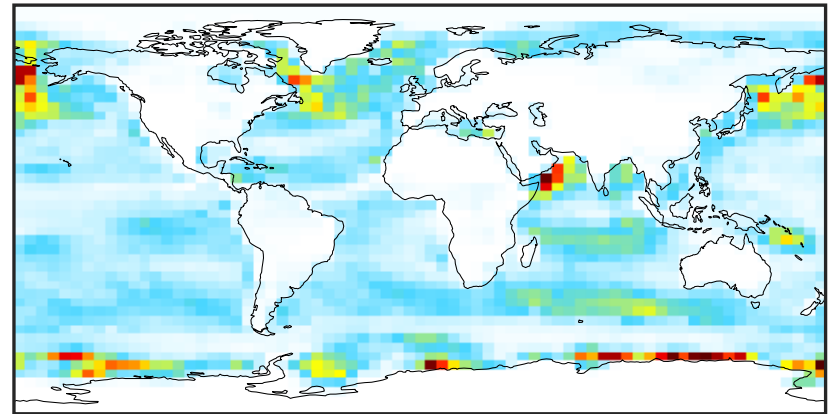
# SpeciesConcVW\_BrSALA (Jul2019)

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



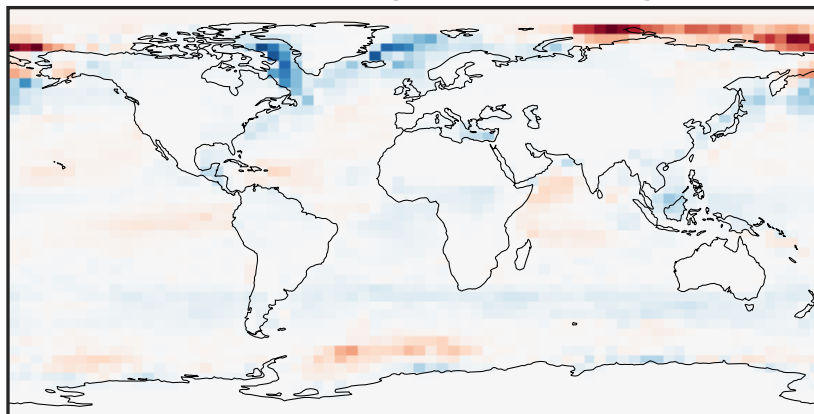
0.0015 0.0030 0.0045  
μg/m3

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



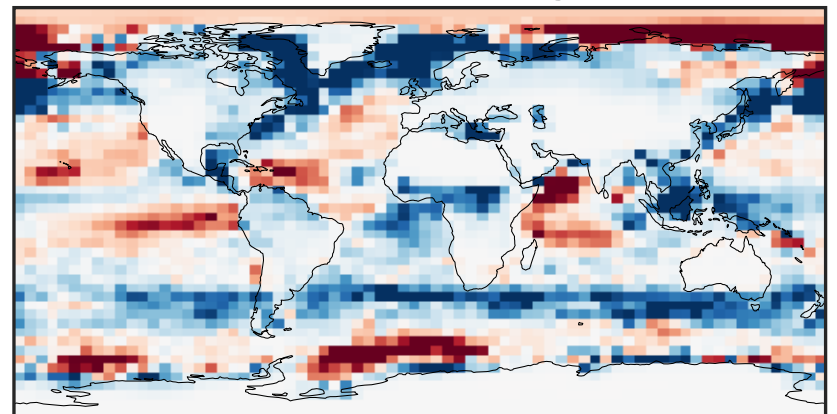
0.0015 0.0030 0.0045  
μg/m3

Difference  
Dev - Ref, Dynamic Range



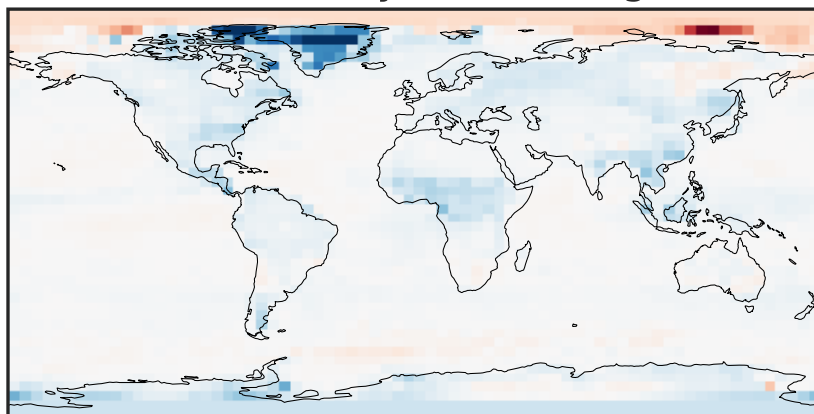
-0.0001 0.0000 0.0001  
μg/m3

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



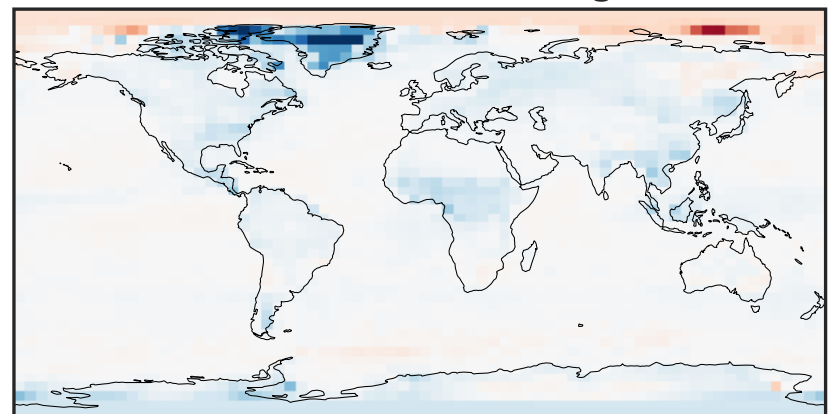
-1.5 0.0 1.5  
μg/m3 1e-5

Ratio  
Dev/Ref, Dynamic Range



0.546 0.773 1.000 1.416 1.831  
unitless

Ratio  
Dev/Ref, Fixed Range

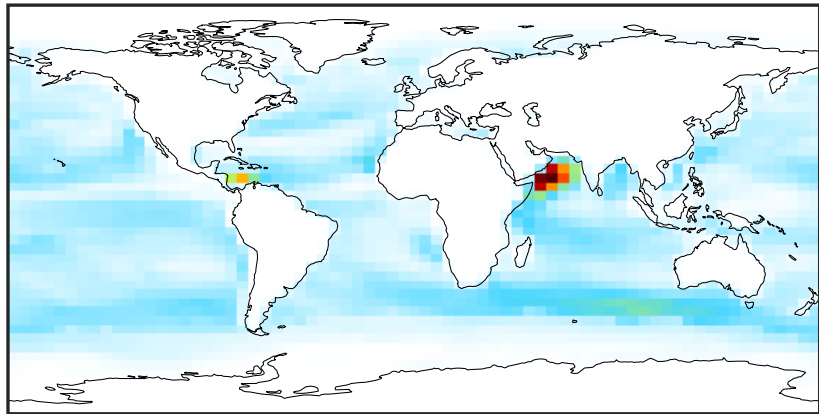


0.50 0.75 1.00 1.50 2.00  
unitless



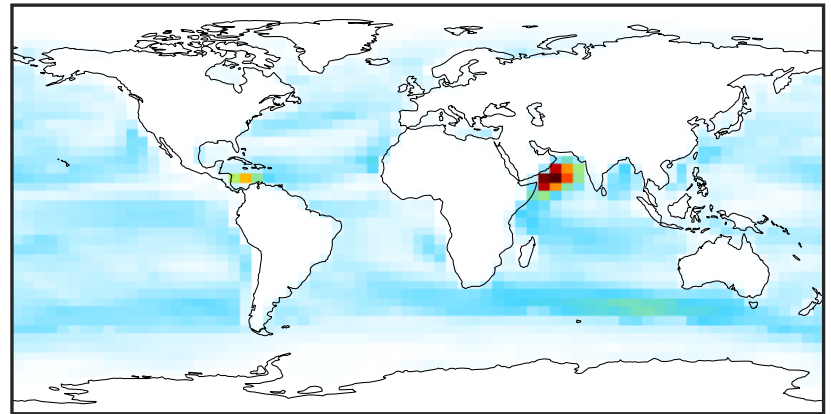
# SpeciesConcVW\_BrSALC (Jul2019)

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



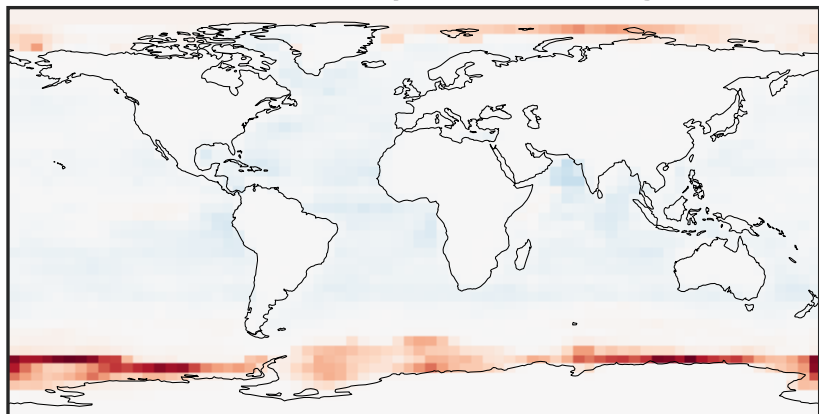
0.0000 0.0487 0.0975 0.1462 0.1950  
 $\mu\text{g}/\text{m}^3$

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



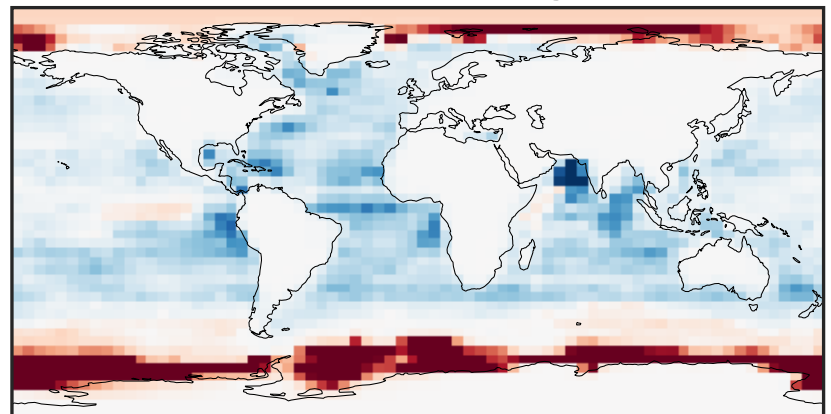
0.0000 0.0487 0.0975 0.1462 0.1950  
 $\mu\text{g}/\text{m}^3$

Difference  
Dev - Ref, Dynamic Range



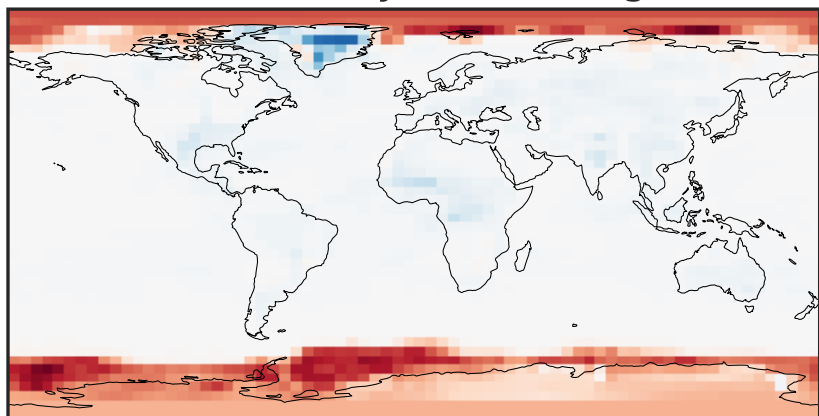
-0.0015 0.0000 0.0015  
 $\mu\text{g}/\text{m}^3$

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



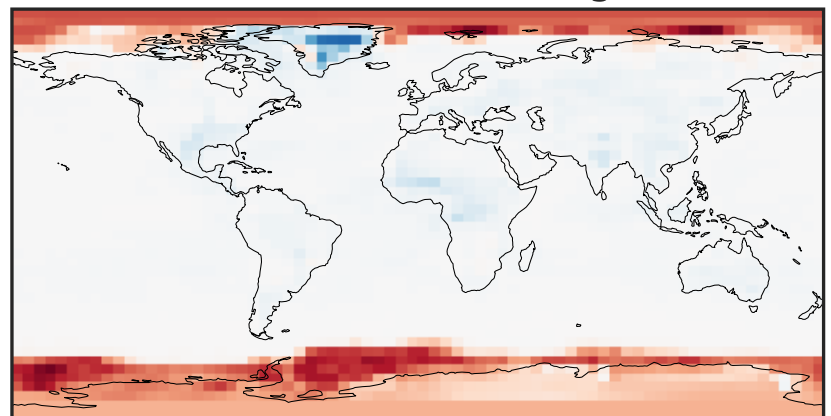
-0.00025 0.00000 0.00025  
 $\mu\text{g}/\text{m}^3$

Ratio  
Dev/Ref, Dynamic Range



0.504 0.752 1.000 1.492 1.985  
unitless

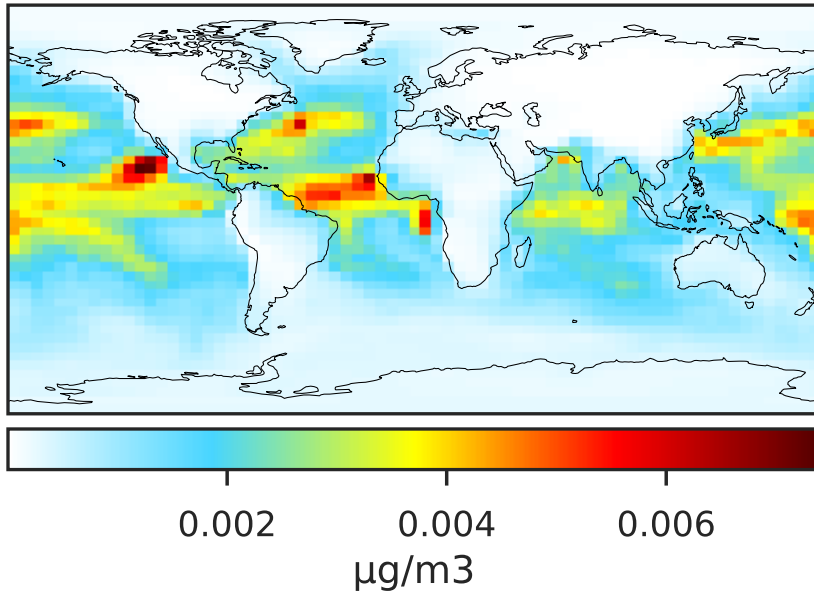
Ratio  
Dev/Ref, Fixed Range



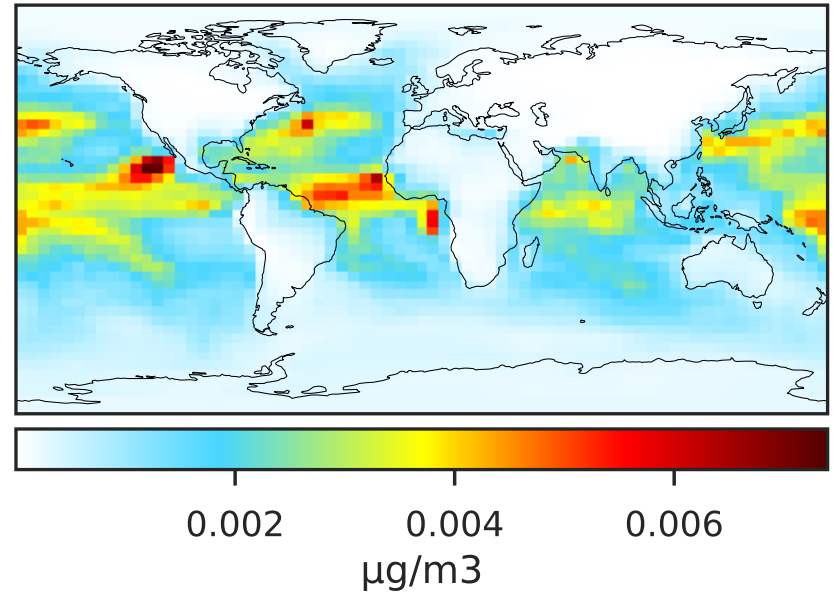
0.50 0.75 1.00 1.50 2.00  
unitless

# SpeciesConcVV\_ISALA (Jul2019)

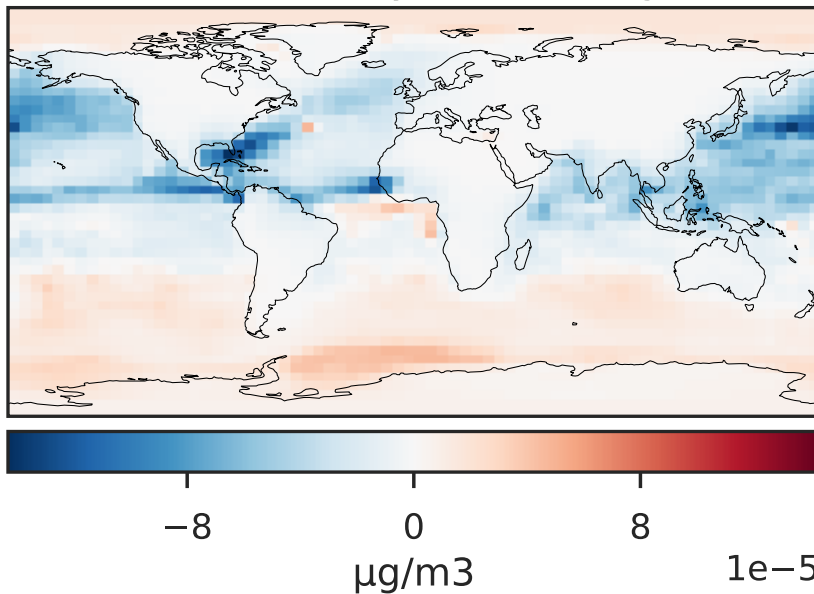
14.2.0-rc.2 (Ref)  
4.0x5.0



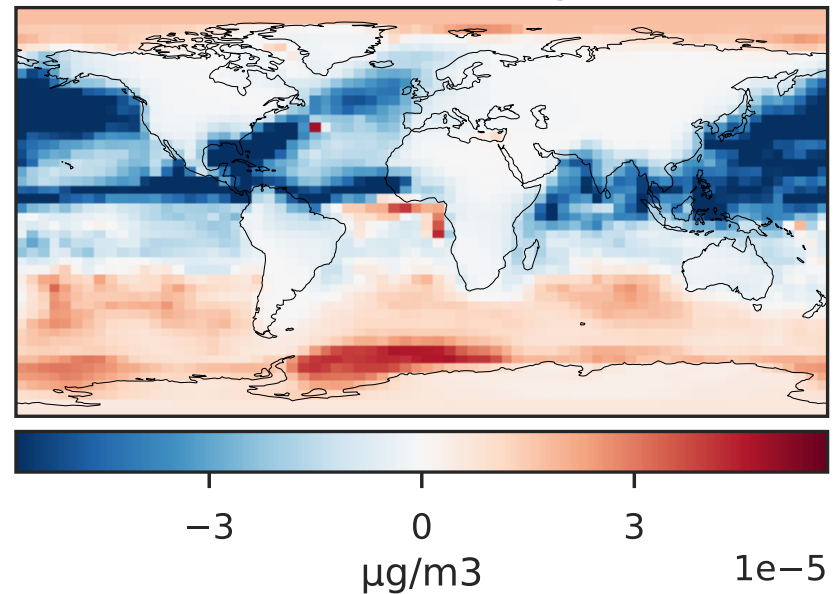
14.3.0-rc.0 (Dev)  
4.0x5.0



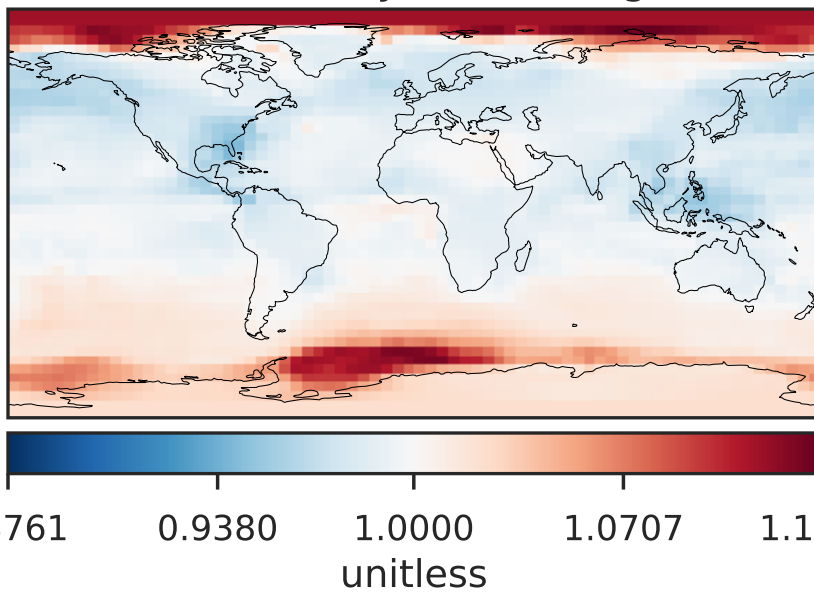
Difference  
Dev - Ref, Dynamic Range



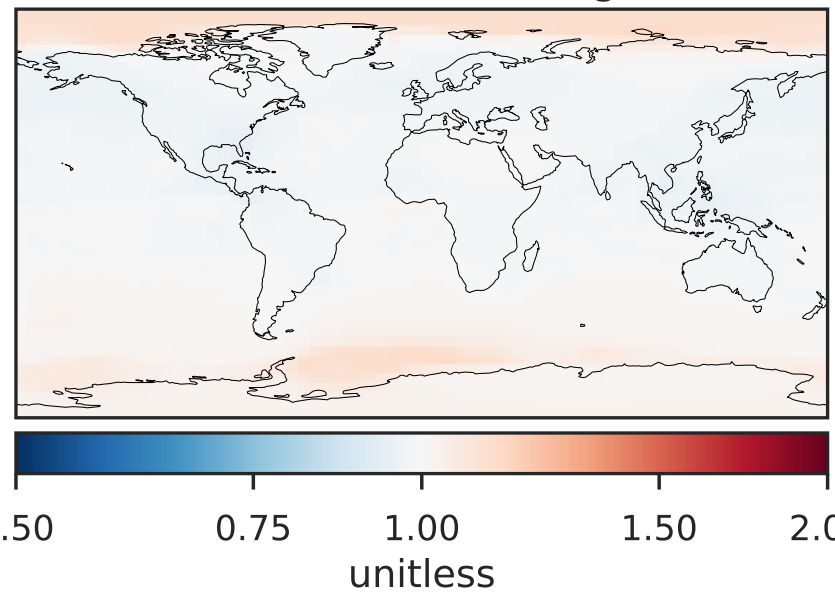
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

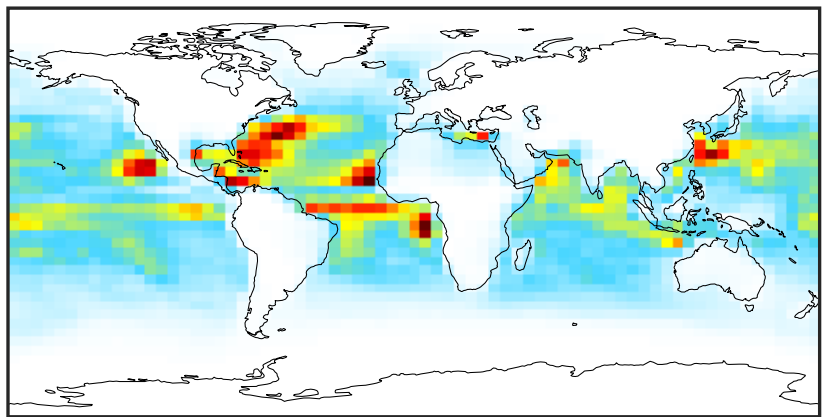


Ratio  
Dev/Ref, Fixed Range



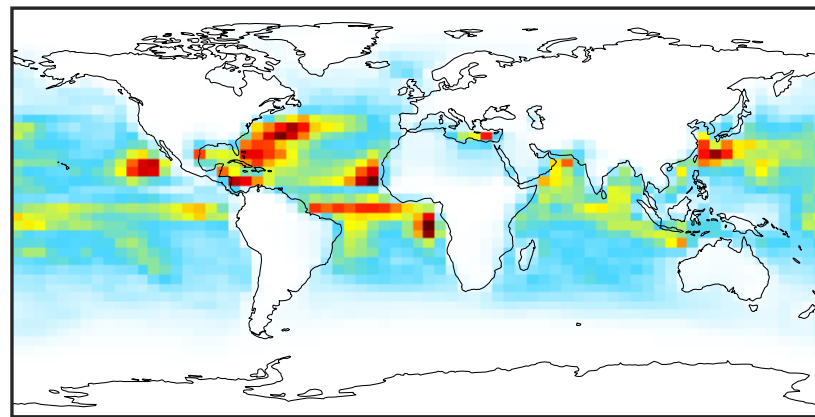
# SpeciesConcVV\_ISALC (Jul2019)

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



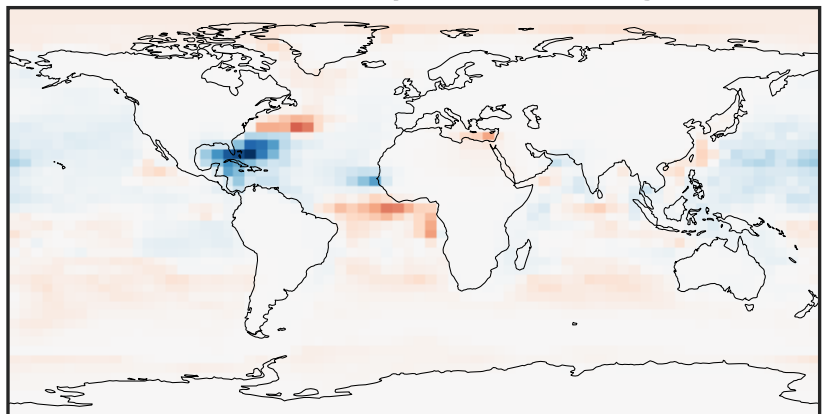
0.002 0.004 0.006  
 $\mu\text{g}/\text{m}^3$

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



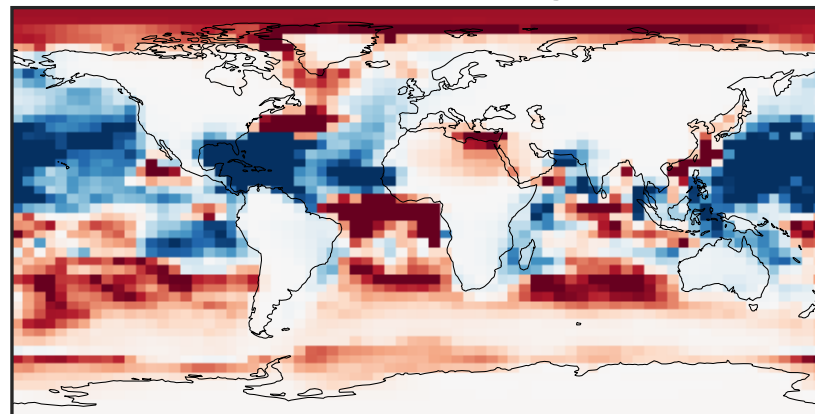
0.002 0.004 0.006  
 $\mu\text{g}/\text{m}^3$

Difference  
Dev - Ref, Dynamic Range



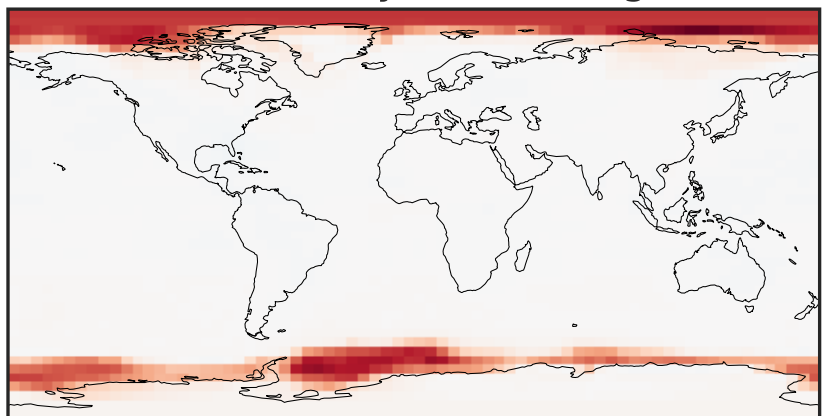
-8 0 8  
 $\mu\text{g}/\text{m}^3$   $1\text{e}-5$

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



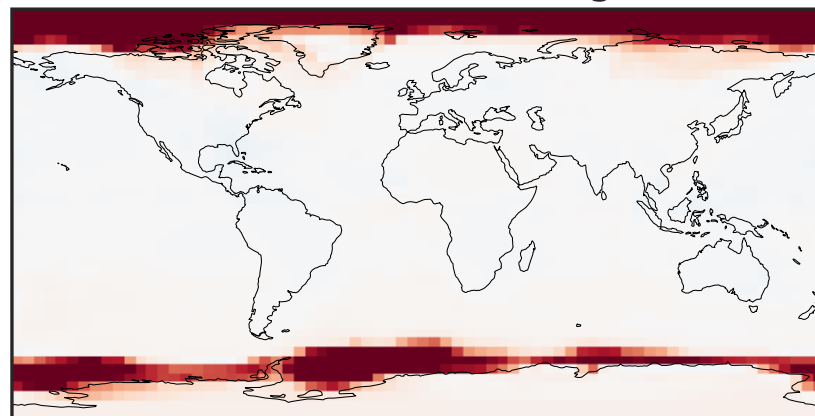
-8 0 8  
 $\mu\text{g}/\text{m}^3$   $1\text{e}-6$

Ratio  
Dev/Ref, Dynamic Range



0.245 0.623 1.000 2.540 4.080  
unitless

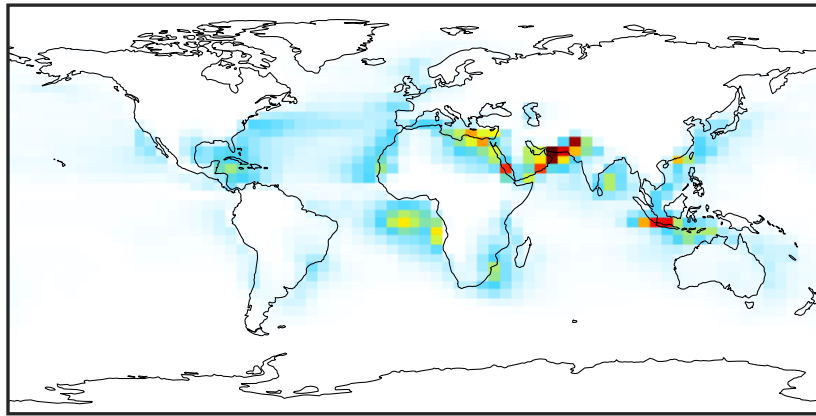
Ratio  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

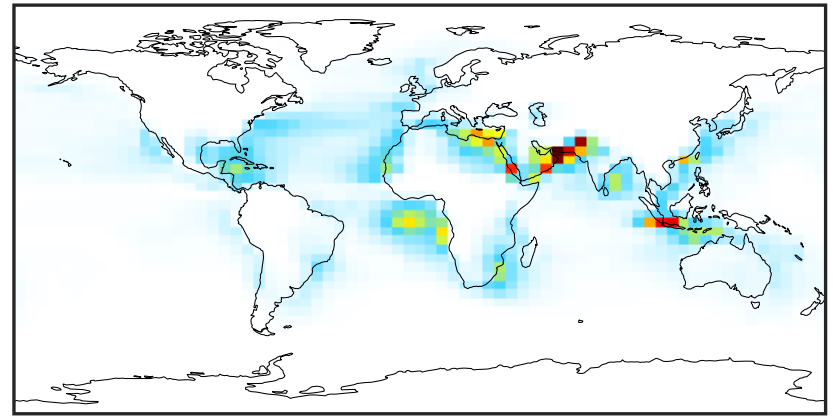
# SpeciesConcVV\_NITs (Jul2019)

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



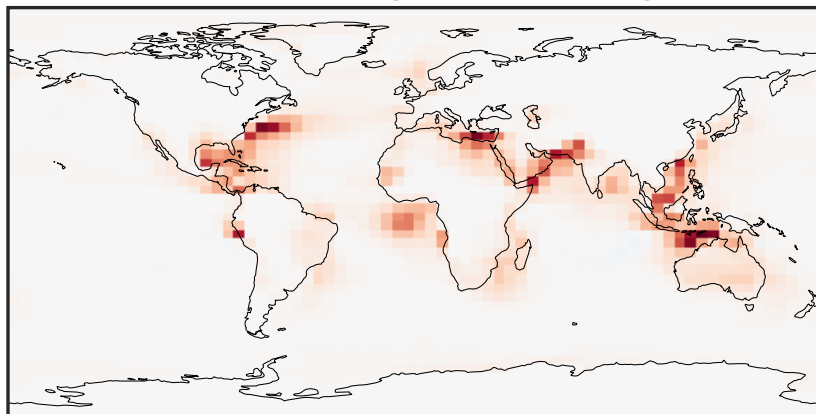
0.0000 0.2422 0.4844 0.7266 0.9688  
 $\mu\text{g}/\text{m}^3$

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



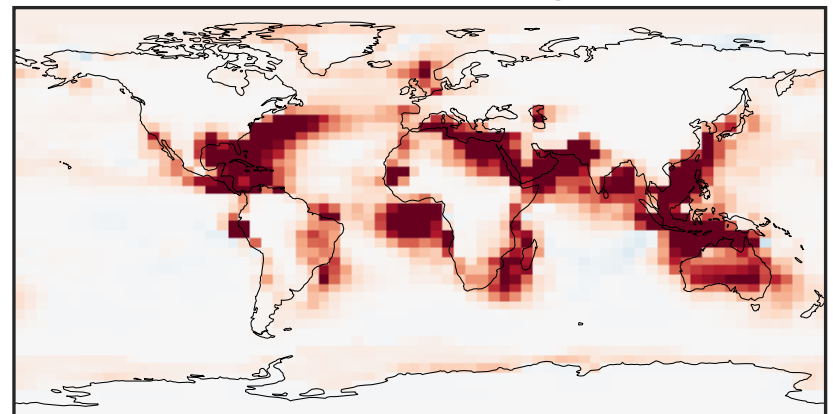
0.0000 0.2422 0.4844 0.7266 0.9688  
 $\mu\text{g}/\text{m}^3$

Difference  
Dev - Ref, Dynamic Range



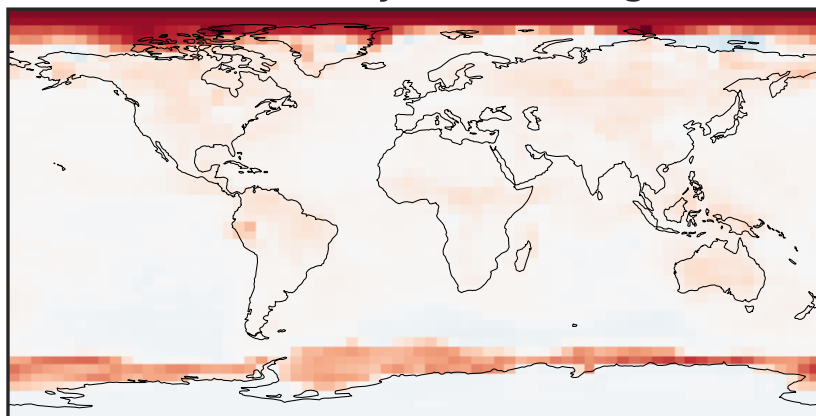
-0.004 0.000 0.004  
 $\mu\text{g}/\text{m}^3$

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



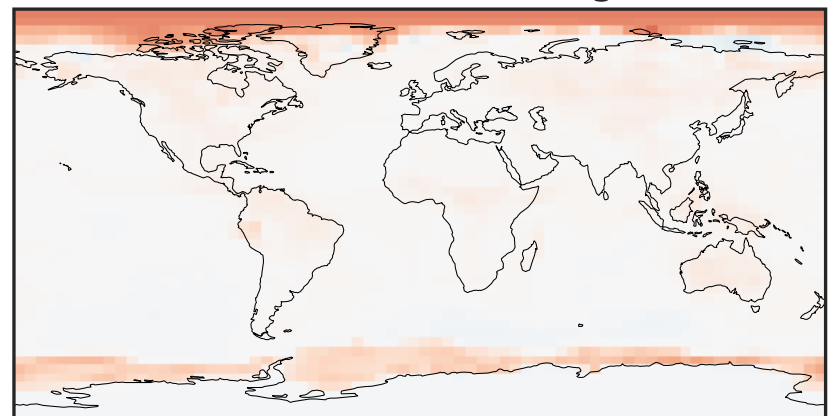
-0.0008 0.0000 0.0008  
 $\mu\text{g}/\text{m}^3$

Ratio  
Dev/Ref, Dynamic Range



0.6841 0.8420 1.0000 1.2309 1.4618  
unitless

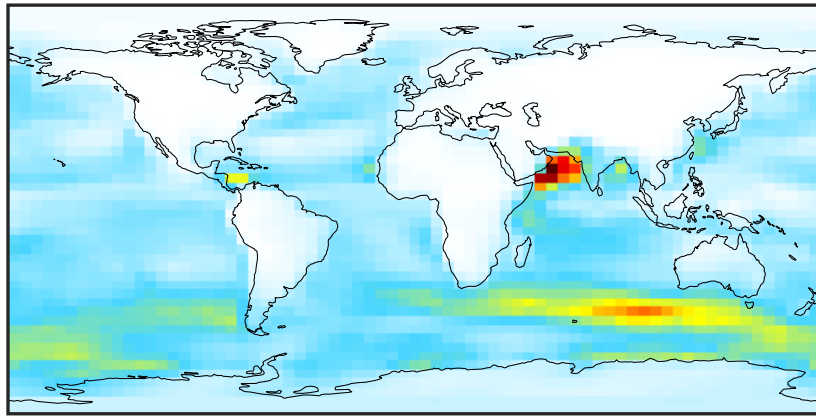
Ratio  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

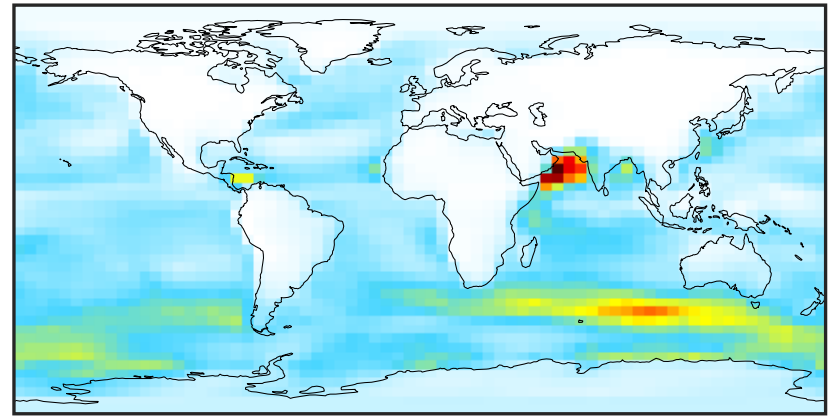
# SpeciesConcVV\_SALA (Jul2019)

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



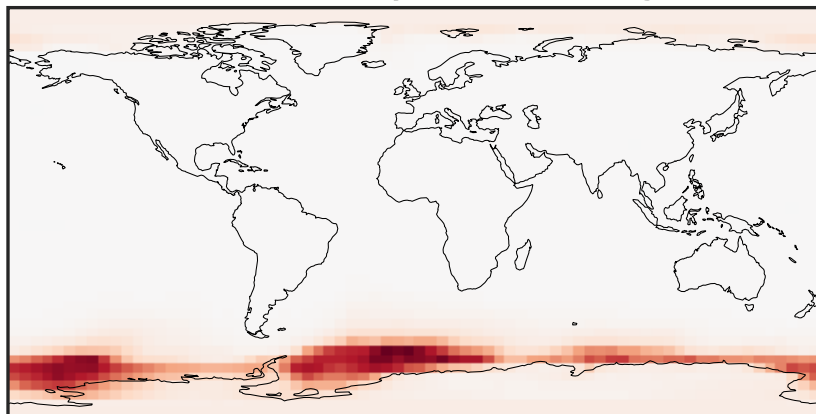
0.001 0.981 1.962 2.942 3.923  
 $\mu\text{g}/\text{m}^3$

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



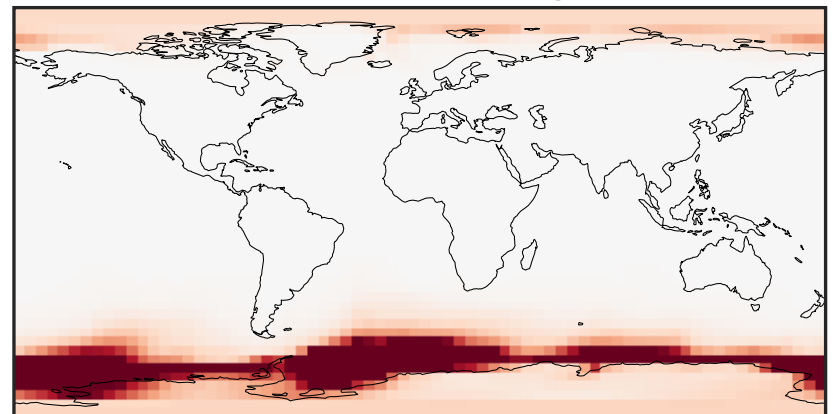
0.001 0.981 1.962 2.942 3.923  
 $\mu\text{g}/\text{m}^3$

Difference  
Dev - Ref, Dynamic Range



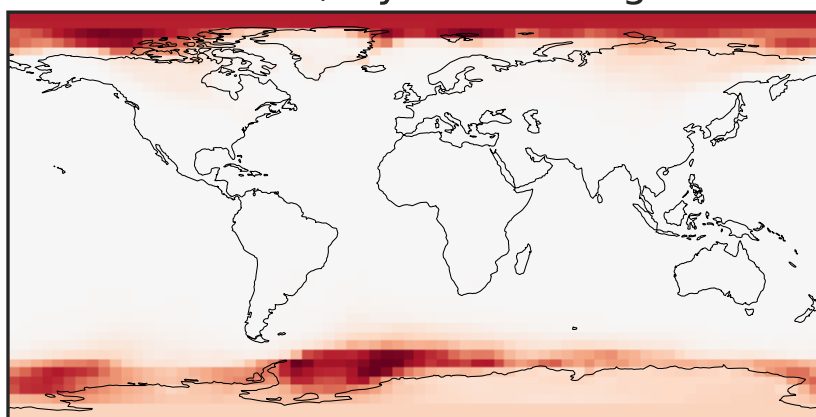
-0.0578 -0.0289 0.0000 0.0289 0.0578  
 $\mu\text{g}/\text{m}^3$

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



-0.01 0.00 0.01  
 $\mu\text{g}/\text{m}^3$

Ratio  
Dev/Ref, Dynamic Range



0.9392 0.9696 1.0000 1.0323 1.0647  
unitless

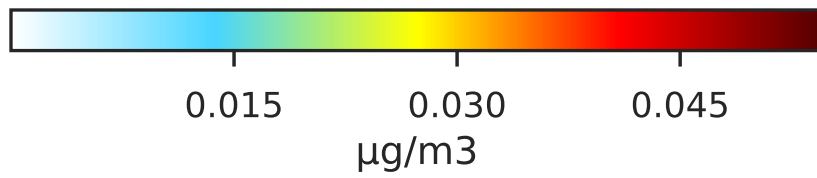
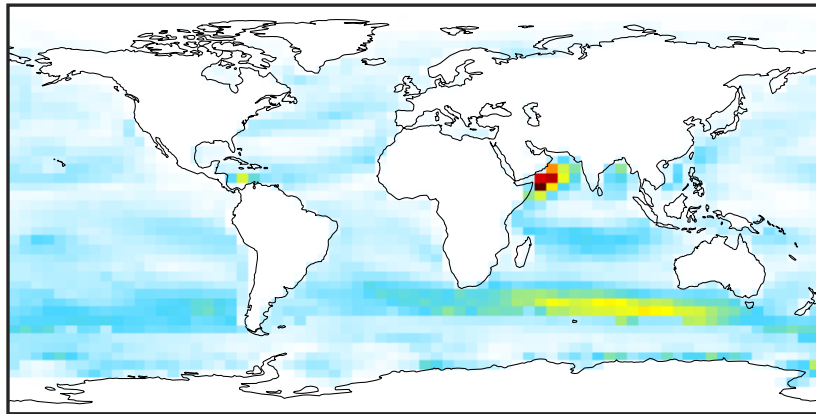
Ratio  
Dev/Ref, Fixed Range



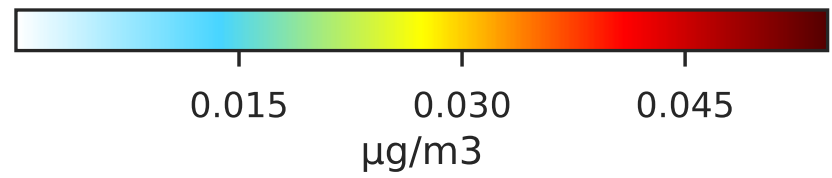
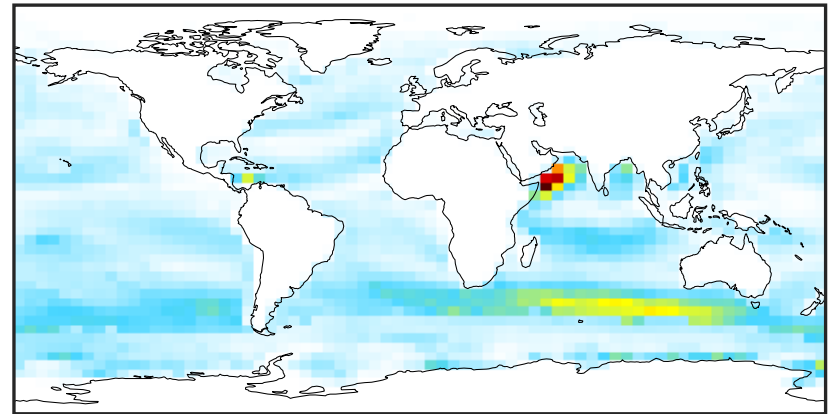
0.50 0.75 1.00 1.50 2.00  
unitless

# SpeciesConcVV\_SALAAAL (Jul2019)

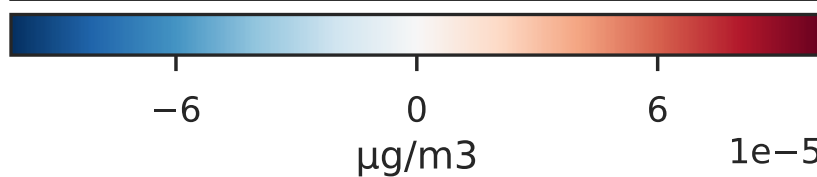
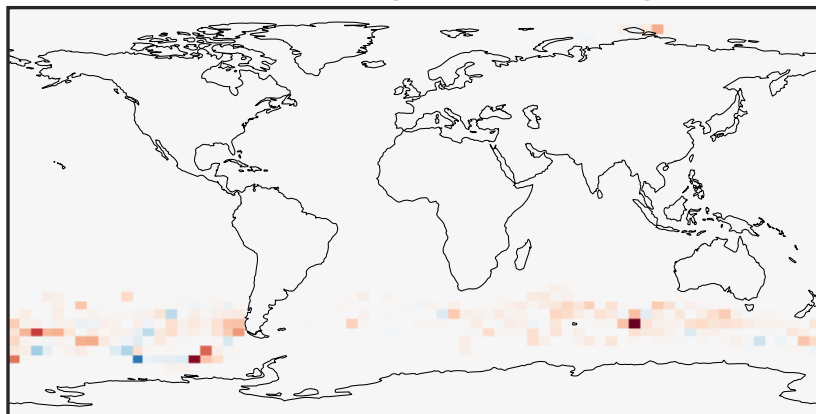
14.2.0-rc.2 (Ref)  
4.0x5.0



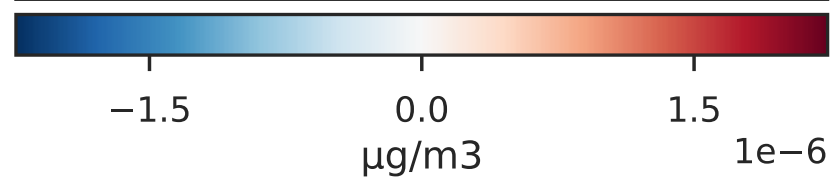
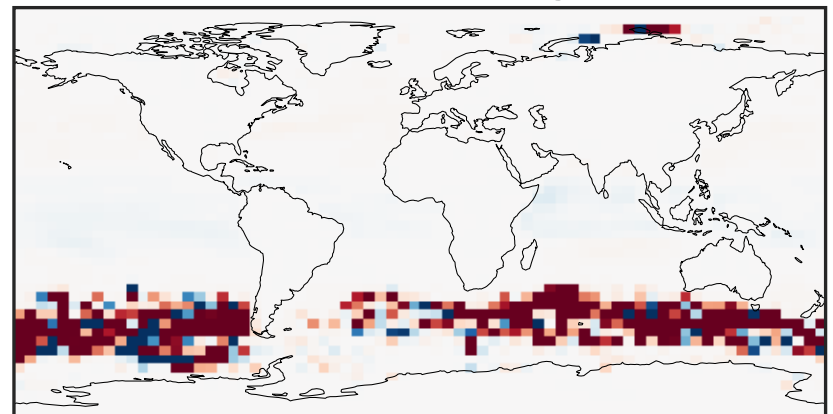
14.3.0-rc.0 (Dev)  
4.0x5.0



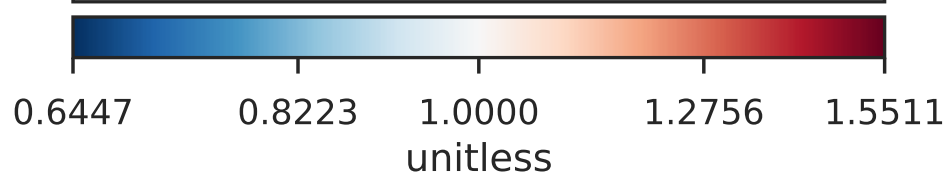
Difference  
Dev - Ref, Dynamic Range



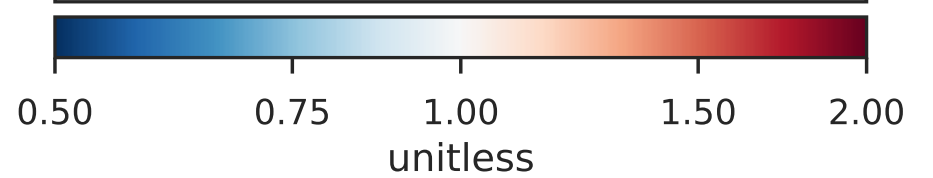
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

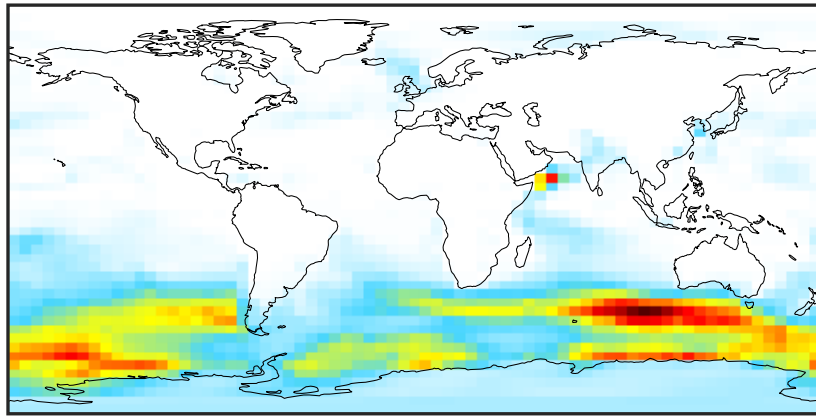


Ratio  
Dev/Ref, Fixed Range



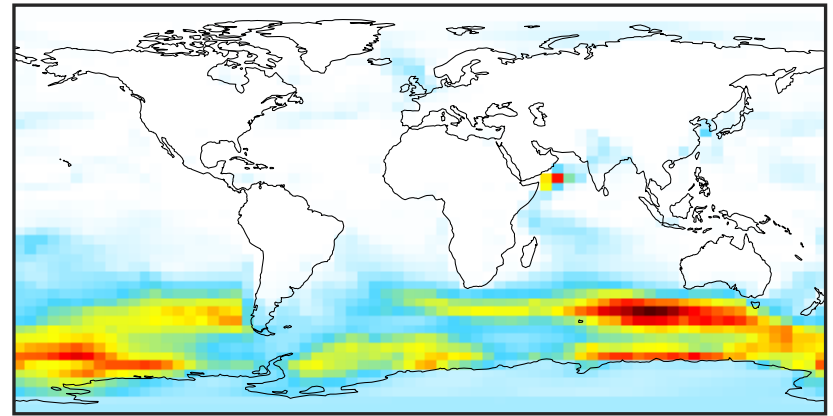
# SpeciesConcVV\_SALACL (Jul2019)

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



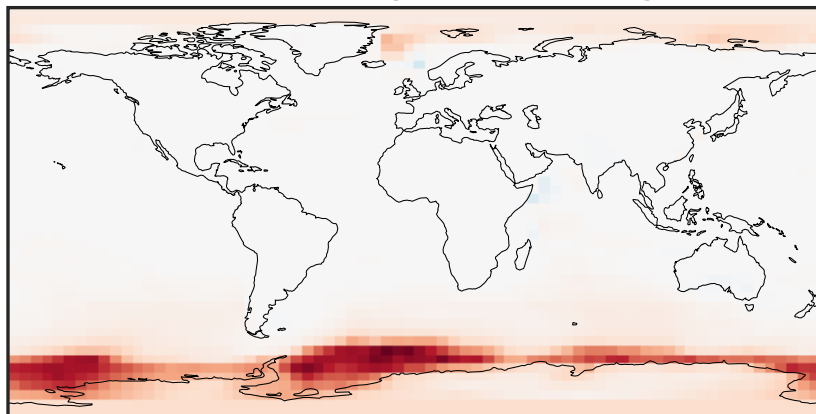
0.000 0.291 0.582 0.872 1.163  
µg/m<sup>3</sup>

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



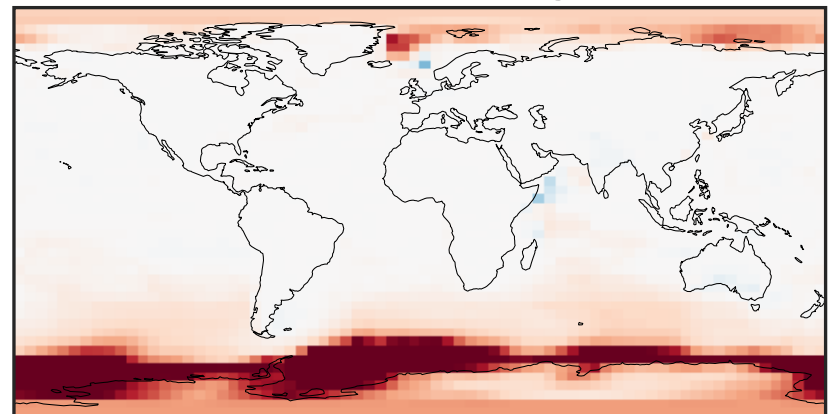
0.000 0.291 0.582 0.872 1.163  
µg/m<sup>3</sup>

Difference  
Dev - Ref, Dynamic Range



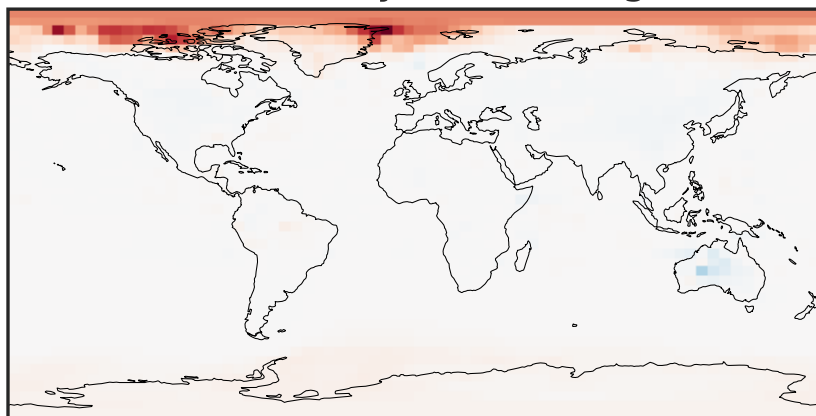
-0.025 0.000 0.025  
µg/m<sup>3</sup>

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



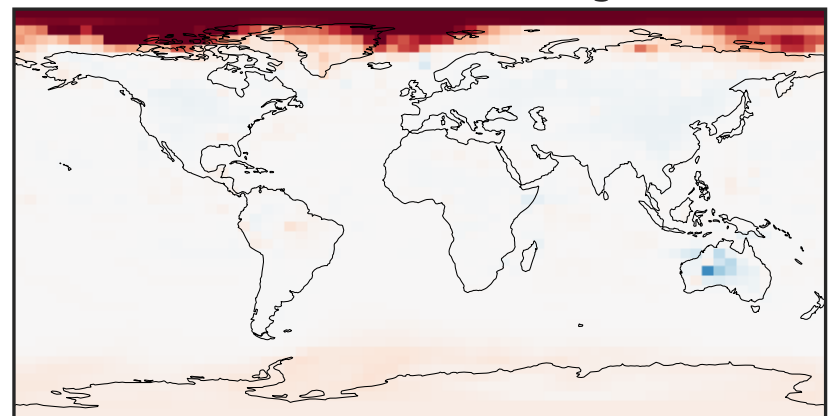
-0.01 0.00 0.01  
µg/m<sup>3</sup>

Ratio  
Dev/Ref, Dynamic Range



0.235 0.618 1.000 2.626 4.252  
unitless

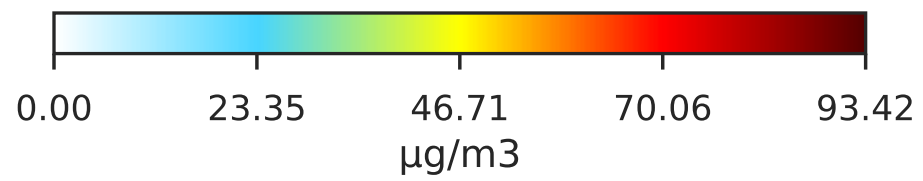
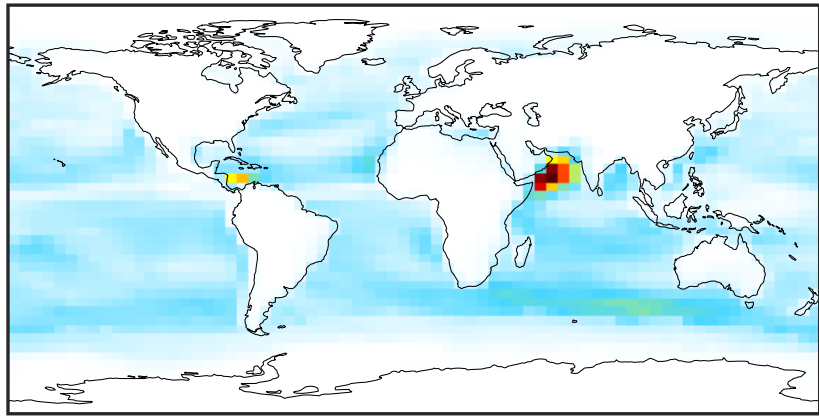
Ratio  
Dev/Ref, Fixed Range



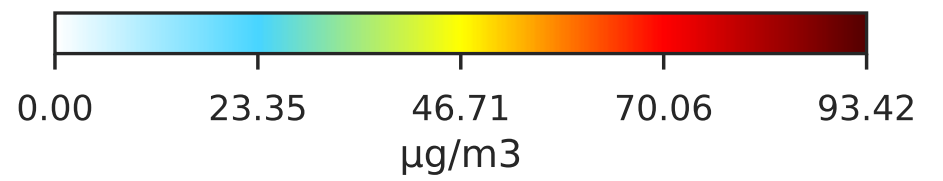
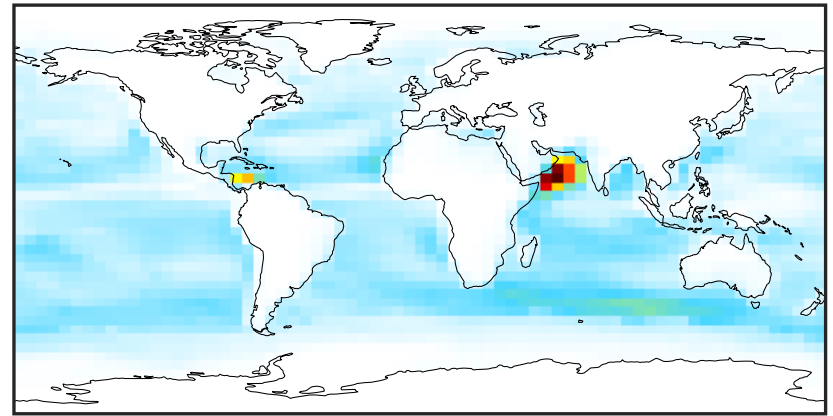
0.50 0.75 1.00 1.50 2.00  
unitless

# SpeciesConcVV\_SALC (Jul2019)

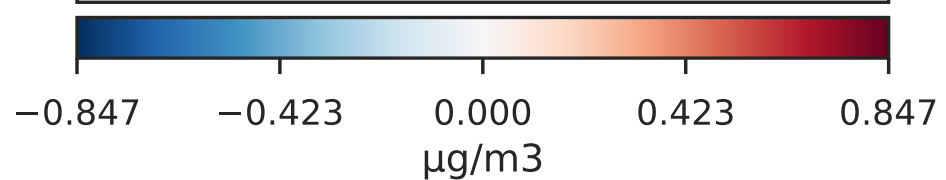
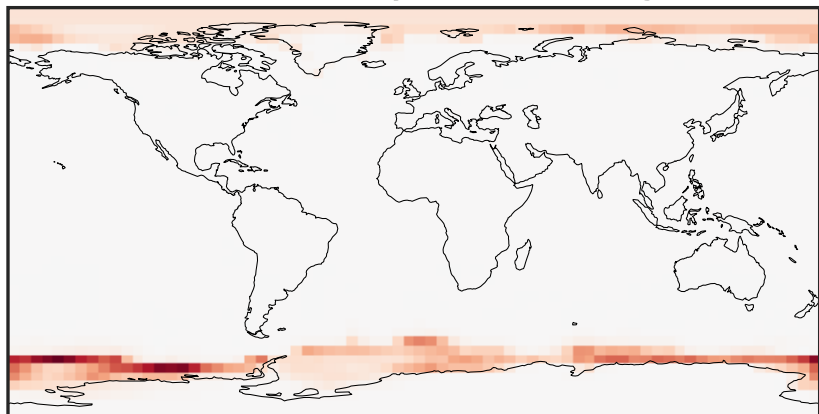
14.2.0-rc.2 (Ref)  
4.0x5.0



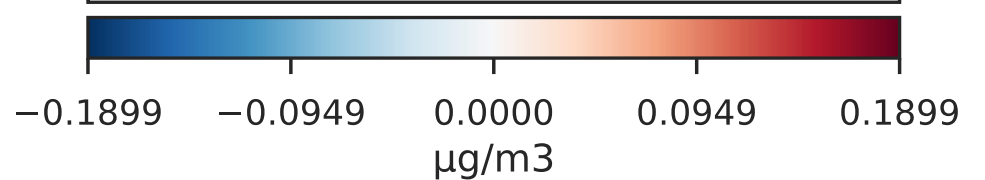
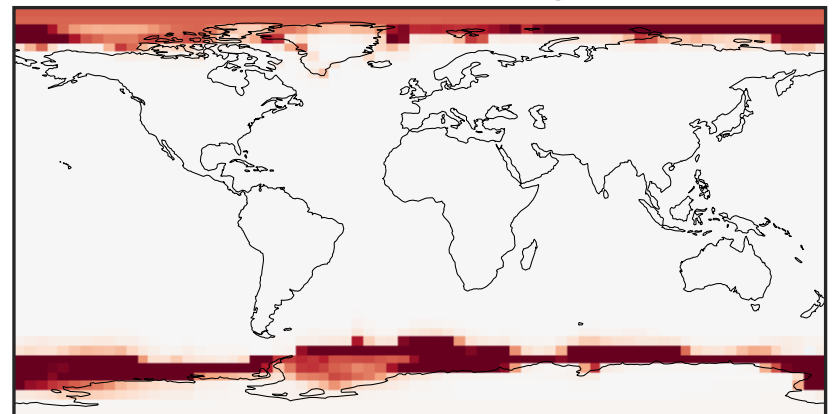
14.3.0-rc.0 (Dev)  
4.0x5.0



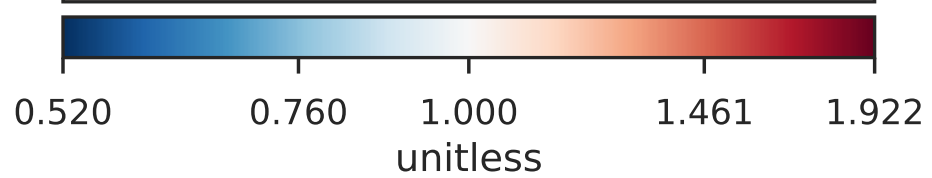
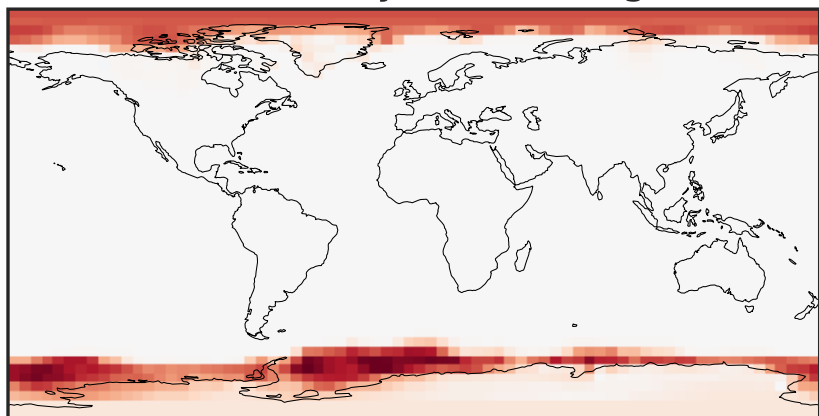
Difference  
Dev - Ref, Dynamic Range



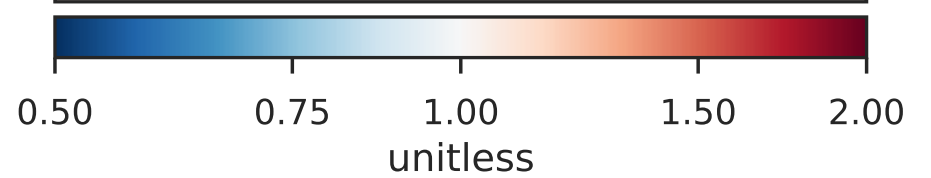
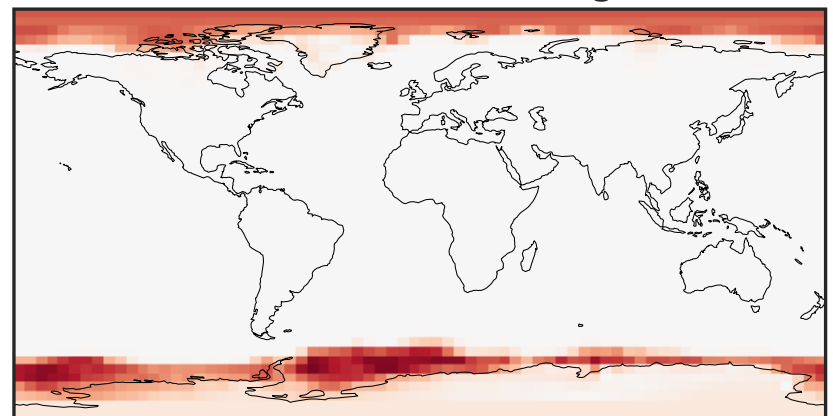
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



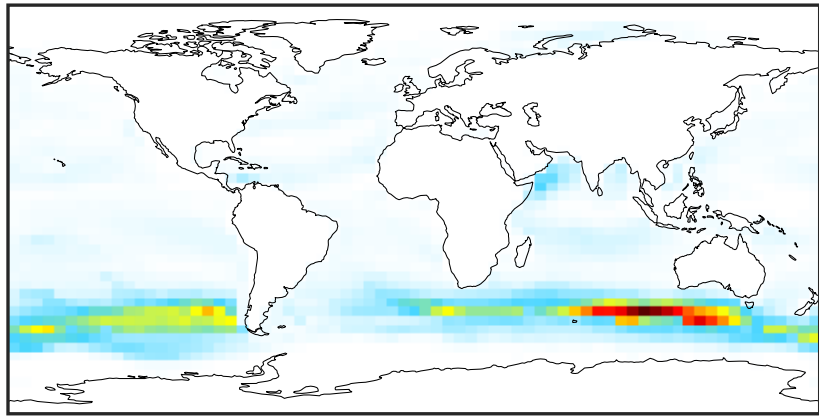
Ratio  
Dev/Ref, Fixed Range





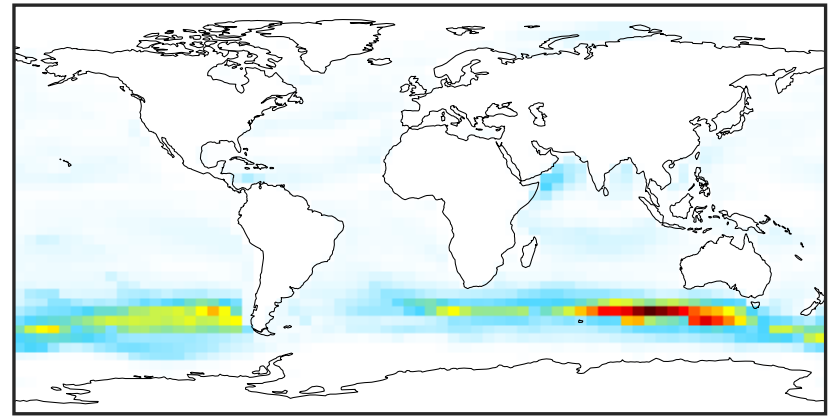
# SpeciesConcVV\_SALCAL (Jul2019)

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



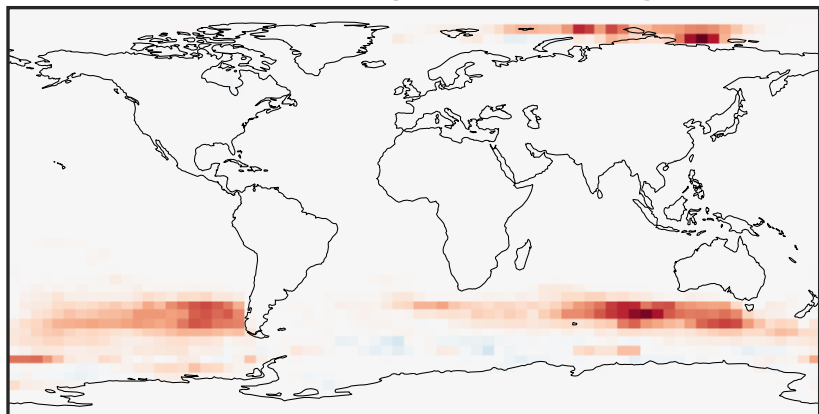
0.00 3.41 6.83 10.24 13.65  
 $\mu\text{g}/\text{m}^3$

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



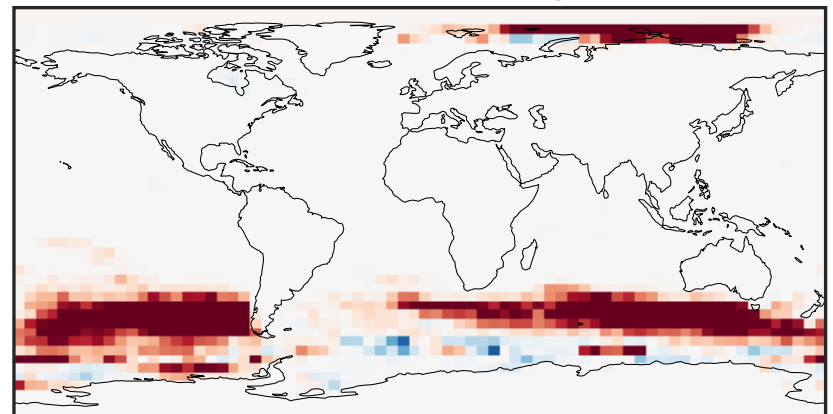
0.00 3.41 6.83 10.24 13.65  
 $\mu\text{g}/\text{m}^3$

Difference  
Dev - Ref, Dynamic Range



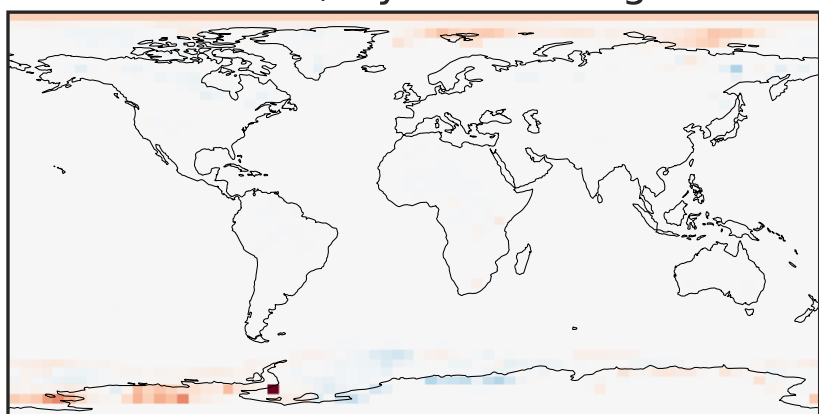
-0.1346 -0.0673 0.0000 0.0673 0.1346  
 $\mu\text{g}/\text{m}^3$

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



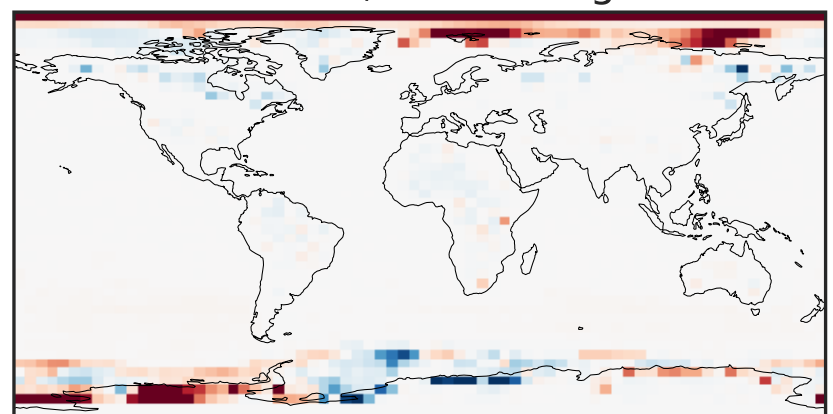
-0.015 0.000 0.015  
 $\mu\text{g}/\text{m}^3$

Ratio  
Dev/Ref, Dynamic Range



1e-01 1 10  
unitless

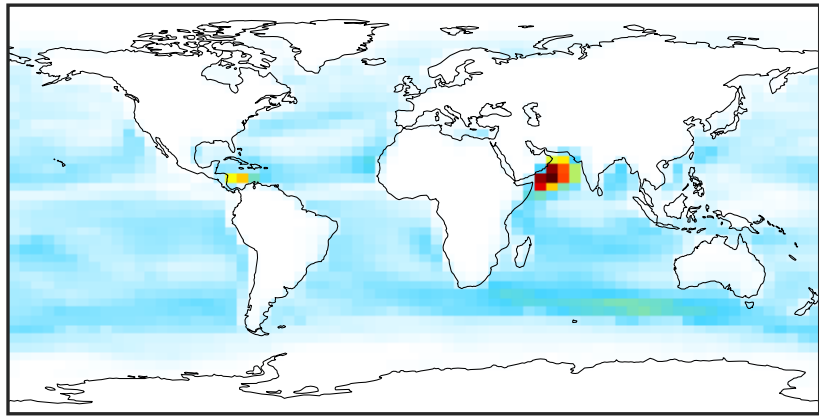
Ratio  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

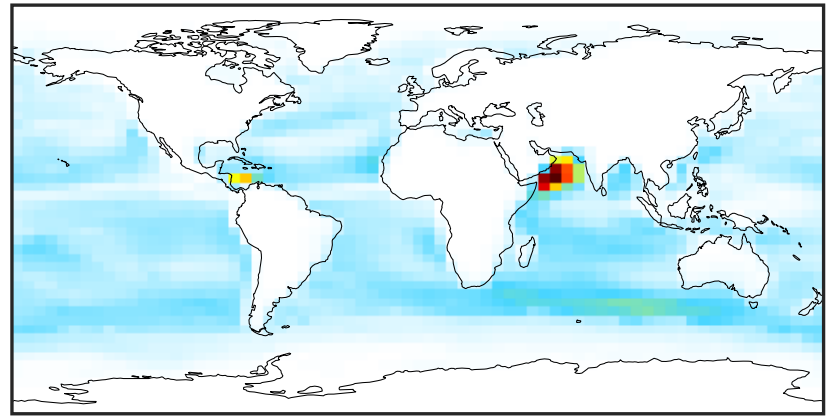
# SpeciesConcVV\_SALCCL (Jul2019)

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



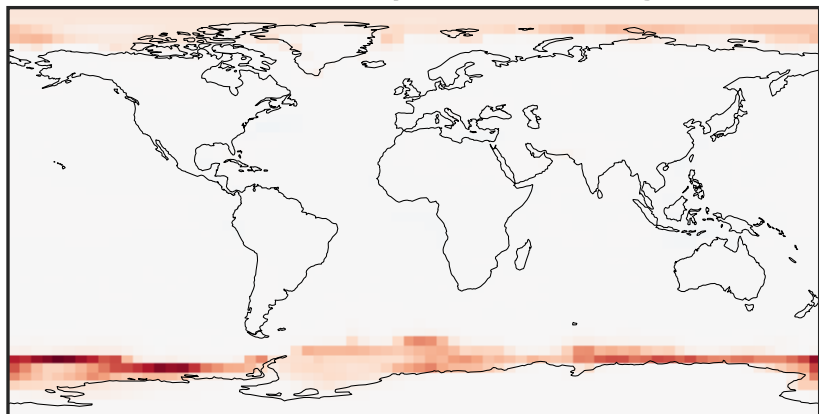
0.00 12.85 25.70 38.54 51.39  
 $\mu\text{g}/\text{m}^3$

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



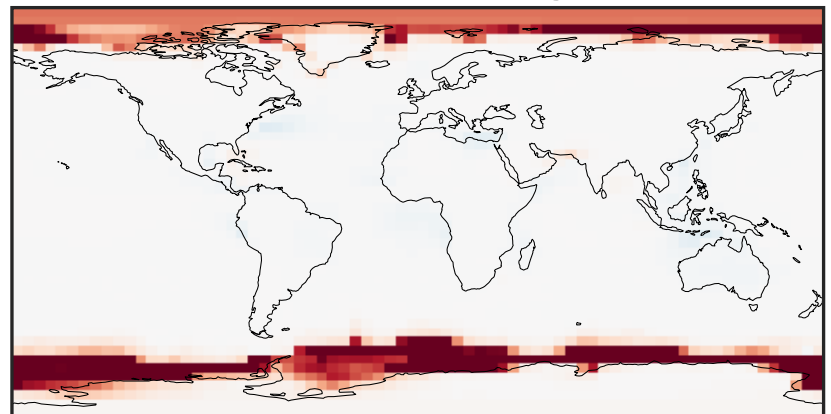
0.00 12.85 25.70 38.54 51.39  
 $\mu\text{g}/\text{m}^3$

Difference  
Dev - Ref, Dynamic Range



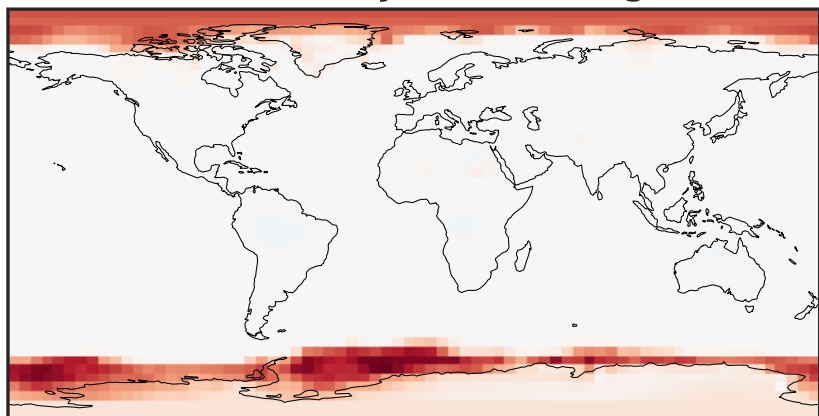
-0.52 -0.26 0.00 0.26 0.52  
 $\mu\text{g}/\text{m}^3$

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



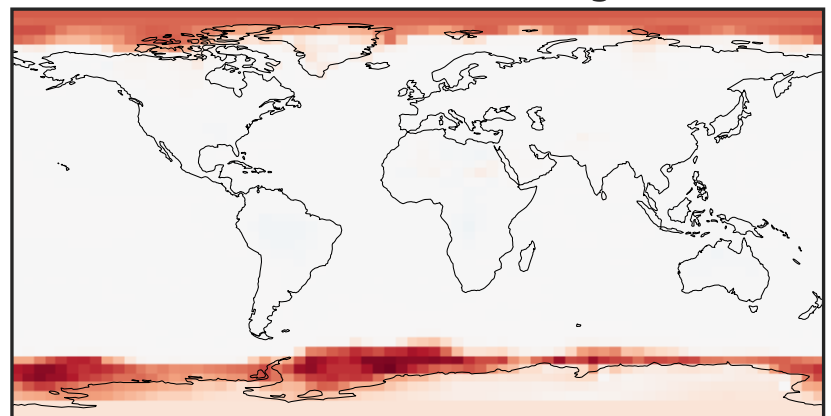
-0.1171 -0.0585 0.0000 0.0585 0.1171  
 $\mu\text{g}/\text{m}^3$

Ratio  
Dev/Ref, Dynamic Range



0.511 0.756 1.000 1.478 1.956  
unitless

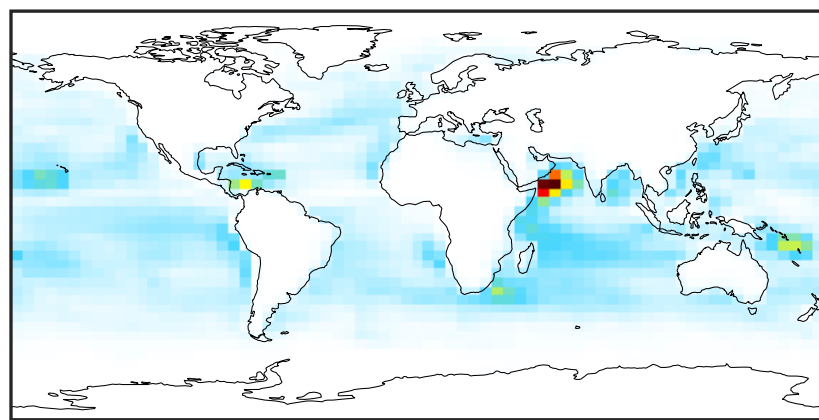
Ratio  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

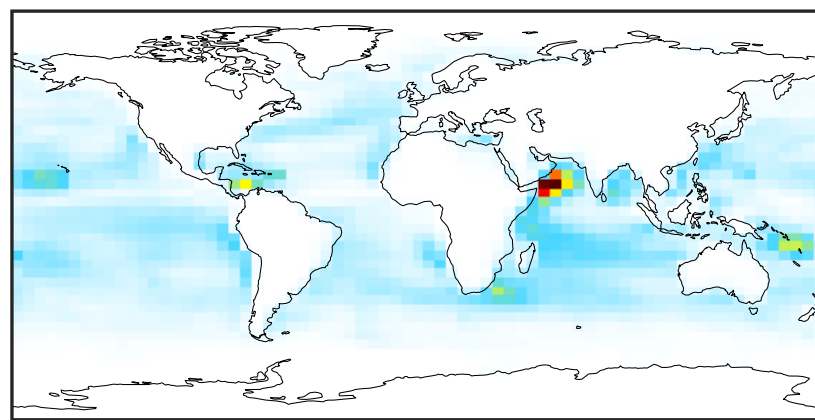
# SpeciesConcVV\_SO4s (Jul2019)

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



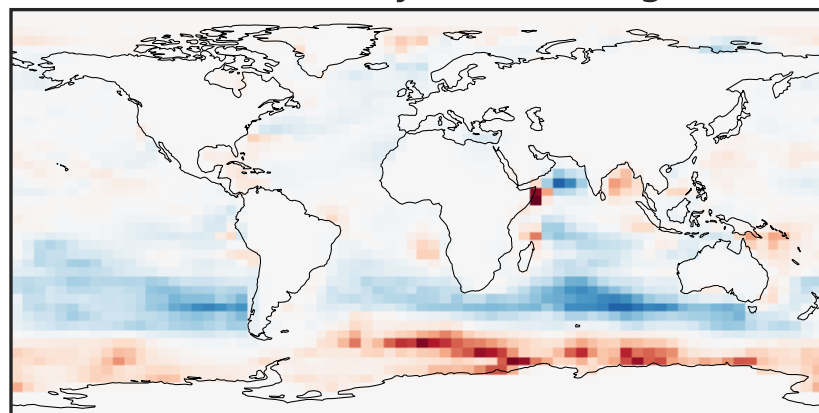
0.006 0.012 0.018  
 $\mu\text{g}/\text{m}^3$

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



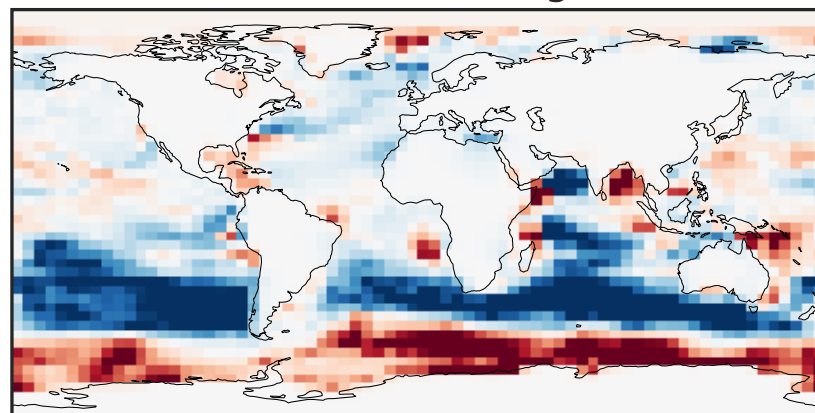
0.006 0.012 0.018  
 $\mu\text{g}/\text{m}^3$

Difference  
Dev - Ref, Dynamic Range



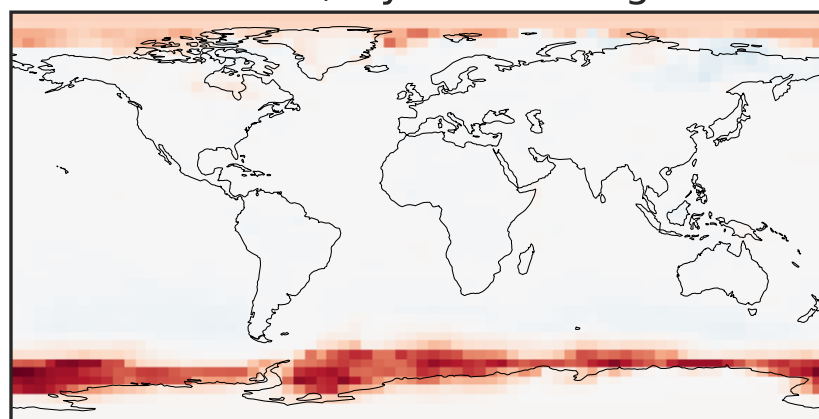
-6 0 6  
 $\mu\text{g}/\text{m}^3$   $1\text{e}-5$

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



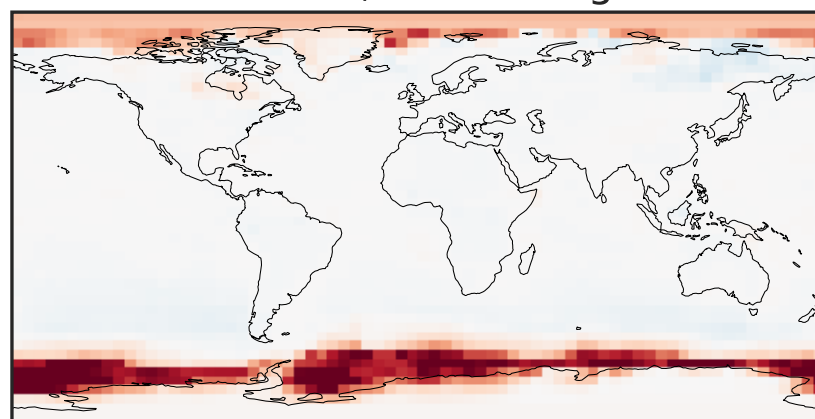
-1.5 0.0 1.5  
 $\mu\text{g}/\text{m}^3$   $1\text{e}-5$

Ratio  
Dev/Ref, Dynamic Range



0.389 0.695 1.000 1.785 2.569  
unitless

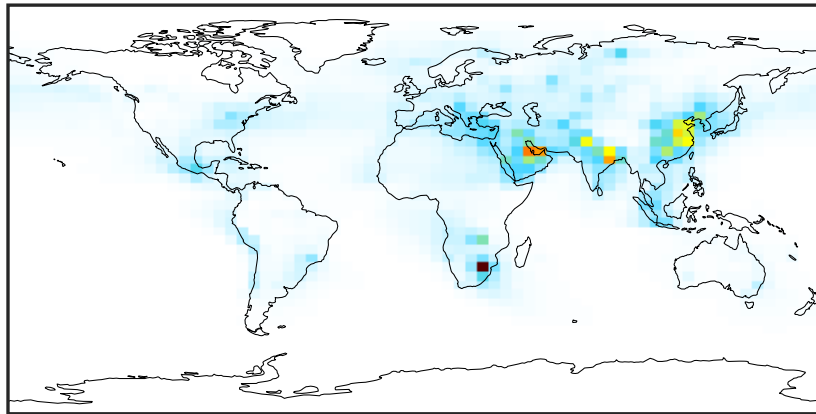
Ratio  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

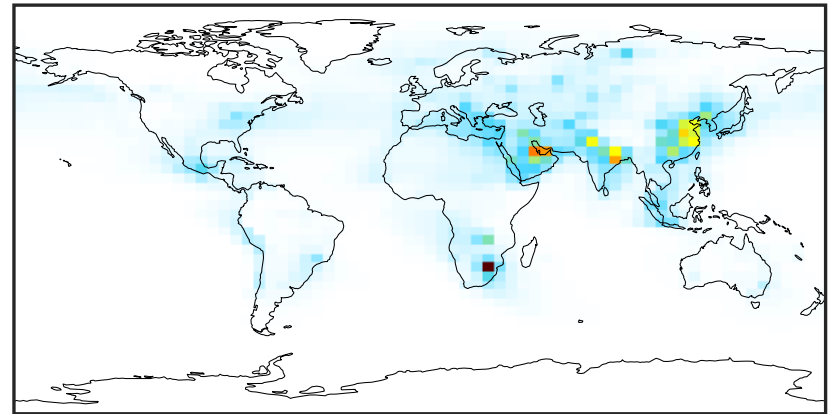
# SpeciesConcVV\_pFe (Jul2019)

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



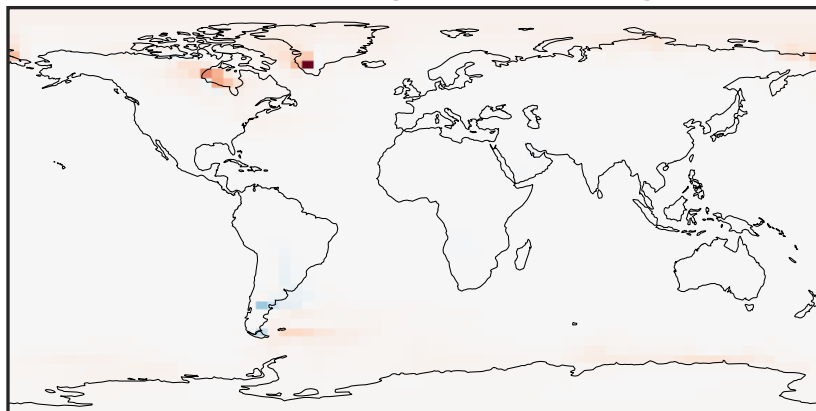
0.01 0.02 0.03  
 $\mu\text{g}/\text{m}^3$

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



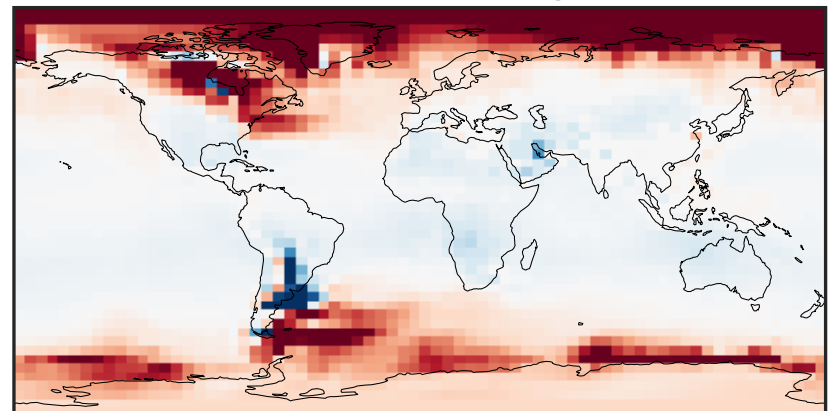
0.01 0.02 0.03  
 $\mu\text{g}/\text{m}^3$

Difference  
Dev - Ref, Dynamic Range



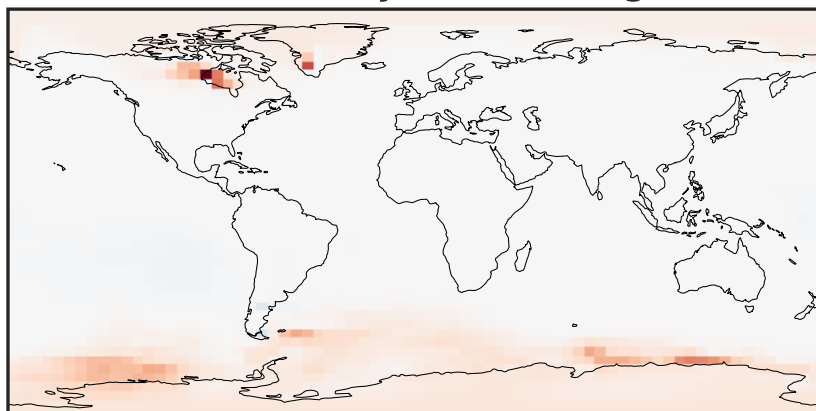
-8 0 8  
 $\mu\text{g}/\text{m}^3$   $1\text{e}-8$

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



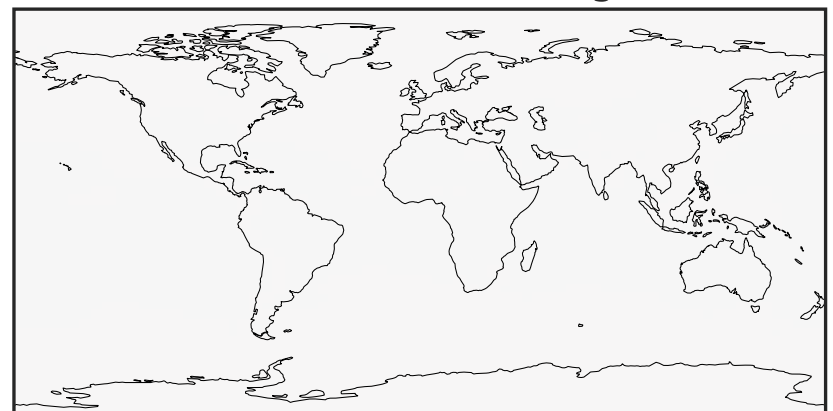
-4 0 4  
 $\mu\text{g}/\text{m}^3$   $1\text{e}-9$

Ratio  
Dev/Ref, Dynamic Range



0.999143 1.000000 1.000857  
unitless

Ratio  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless