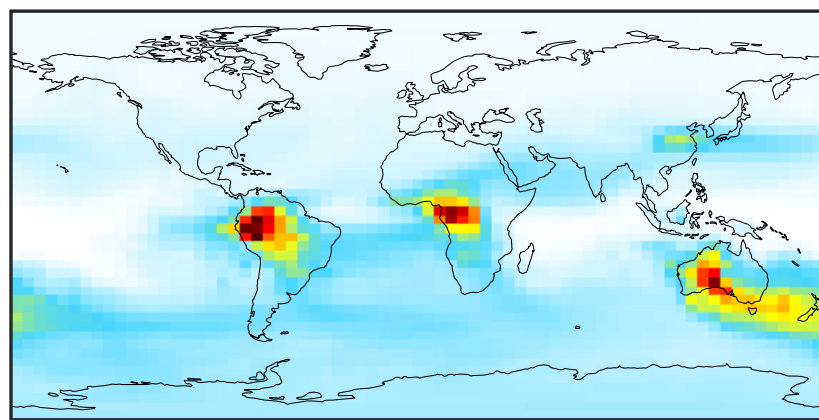


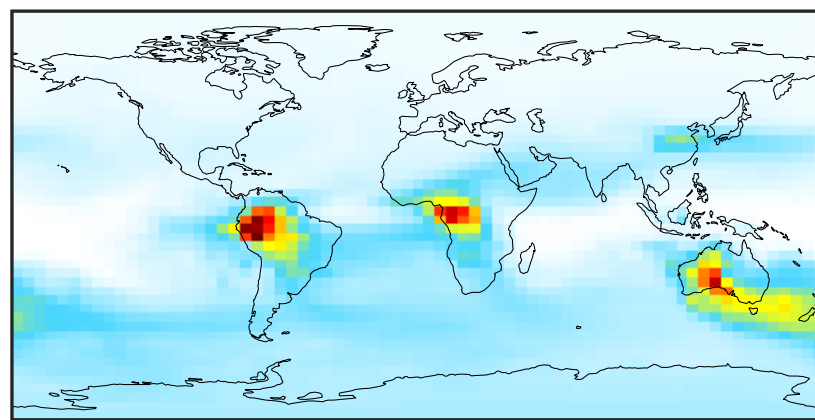
# SpeciesConcVW\_TSOA0 (Jan2019)

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



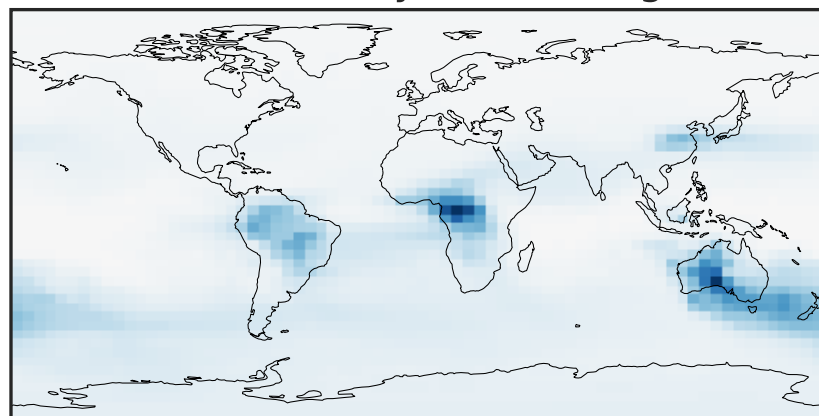
0.003 0.006 0.009  
µg/m<sup>3</sup>

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



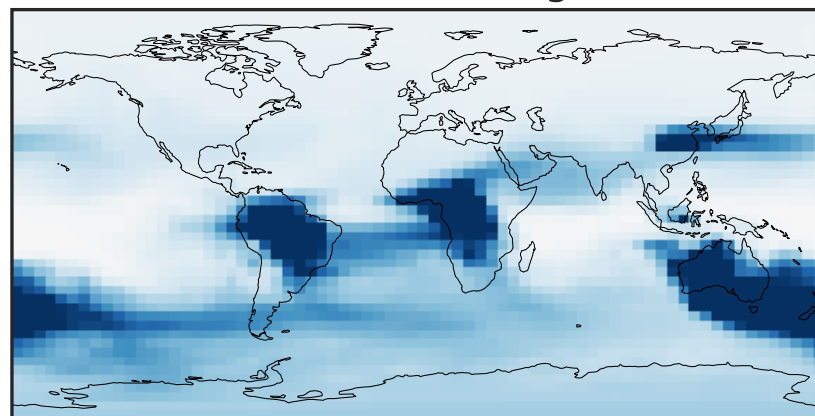
0.003 0.006 0.009  
µg/m<sup>3</sup>

Difference  
Dev - Ref, Dynamic Range



-0.0006 0.0000 0.0006  
µg/m<sup>3</sup>

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



-0.00015 0.00000 0.00015  
µg/m<sup>3</sup>

Ratio  
Dev/Ref, Dynamic Range



0.96084 0.98042 1.00000 1.02038 1.04076  
unitless

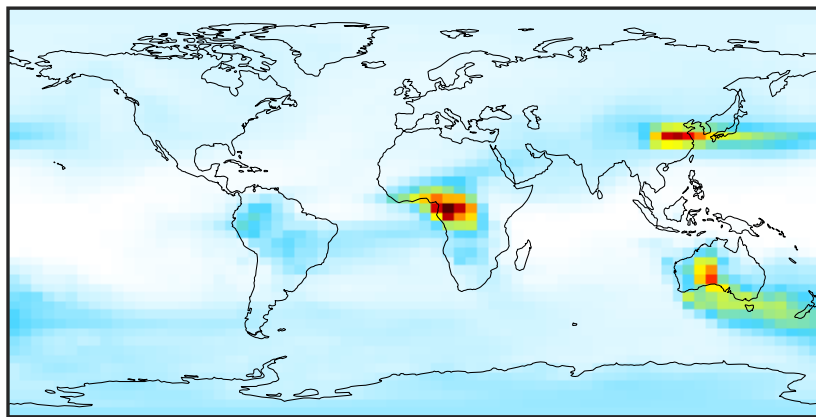
Ratio  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

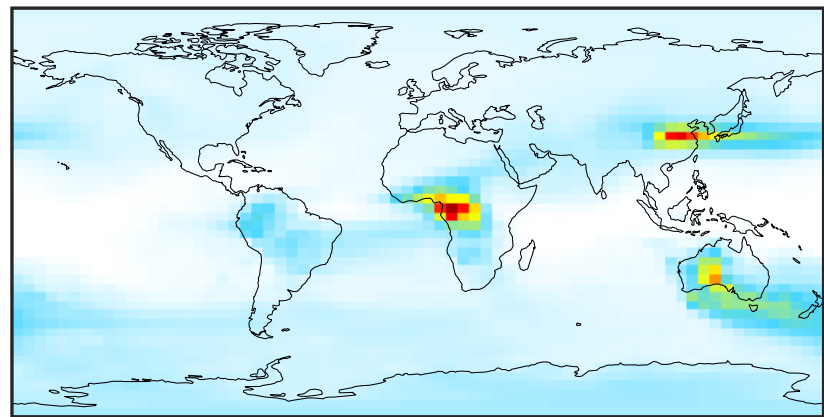
# SpeciesConcVW\_TSOA1 (Jan2019)

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



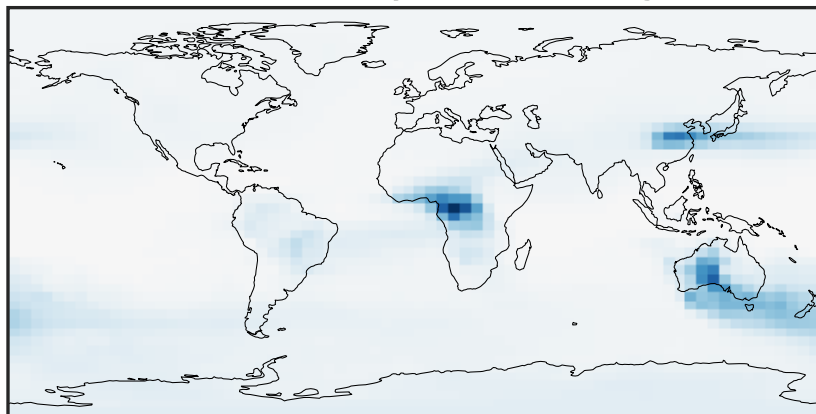
0.0008 0.0016 0.0024  
 $\mu\text{g}/\text{m}^3$

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



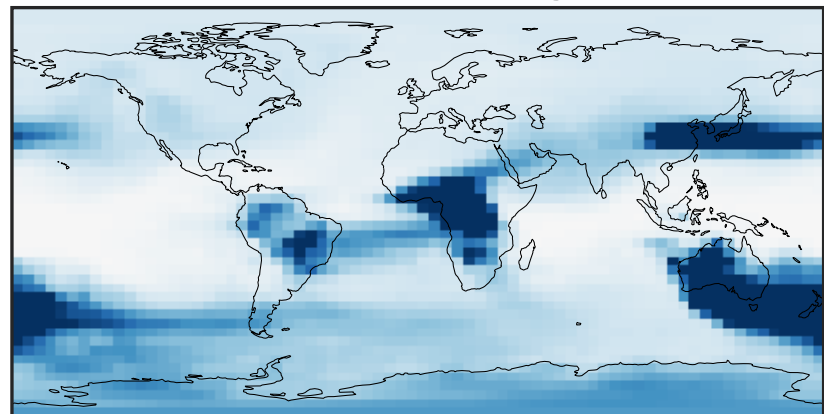
0.0008 0.0016 0.0024  
 $\mu\text{g}/\text{m}^3$

Difference  
Dev - Ref, Dynamic Range



-0.0002 0.0000 0.0002  
 $\mu\text{g}/\text{m}^3$

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



-4 0 4  
 $\mu\text{g}/\text{m}^3$   $1\text{e}-5$

Ratio  
Dev/Ref, Dynamic Range



0.9483 0.9742 1.0000 1.0272 1.0545  
unitless

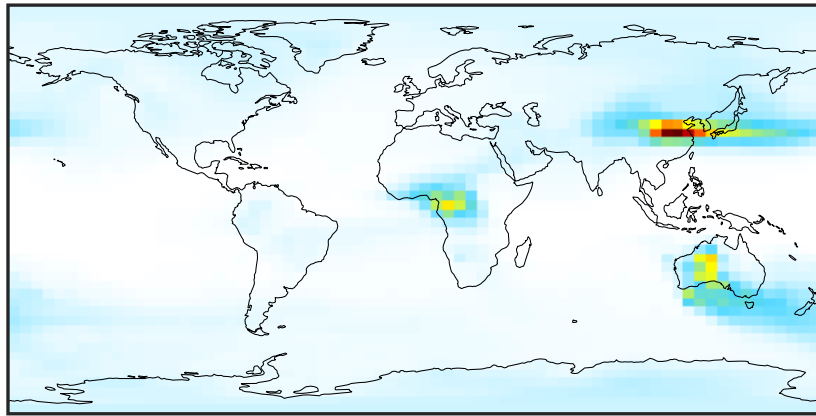
Ratio  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

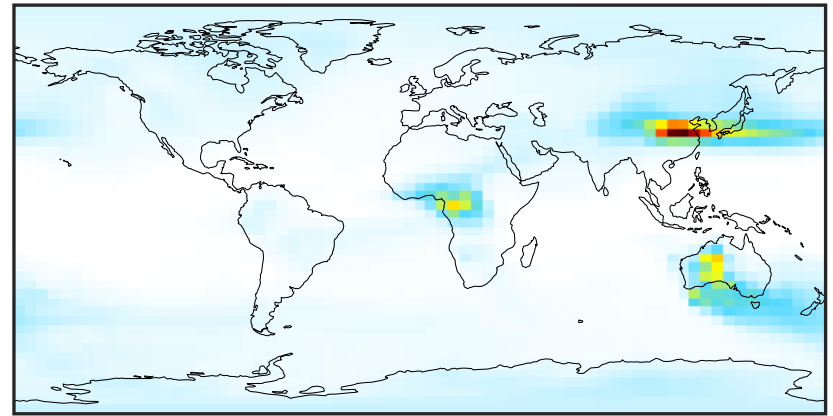
# SpeciesConcVW\_TSOA2 (Jan2019)

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



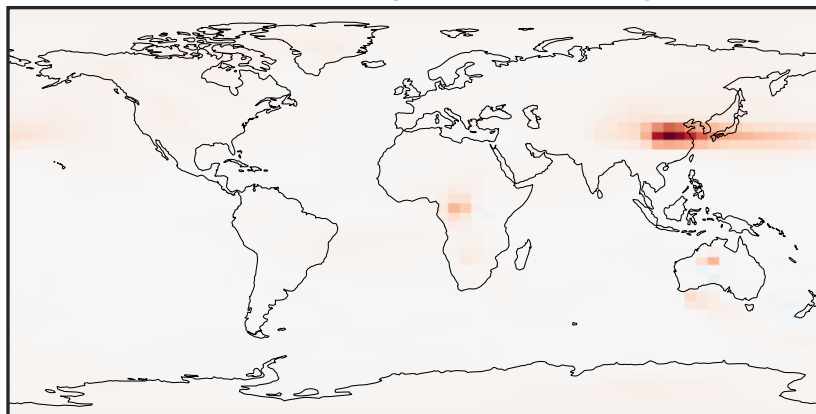
0.004 0.008 0.012  
μg/m<sup>3</sup>

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



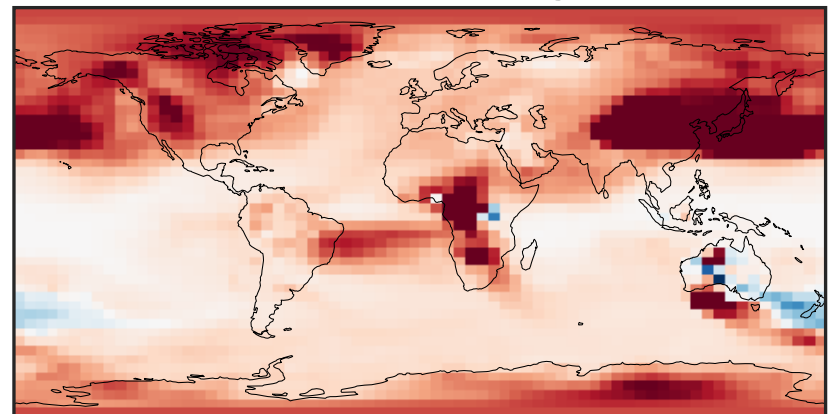
0.004 0.008 0.012  
μg/m<sup>3</sup>

Difference  
Dev - Ref, Dynamic Range



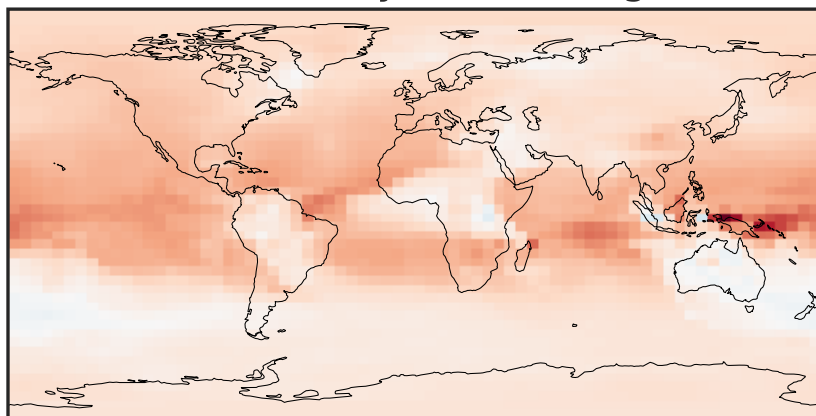
-0.0002 0.0000 0.0002  
μg/m<sup>3</sup>

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



-1 0 1  
μg/m<sup>3</sup> 1e-5

Ratio  
Dev/Ref, Dynamic Range



0.9178 0.9589 1.0000 1.0448 1.0896  
unitless

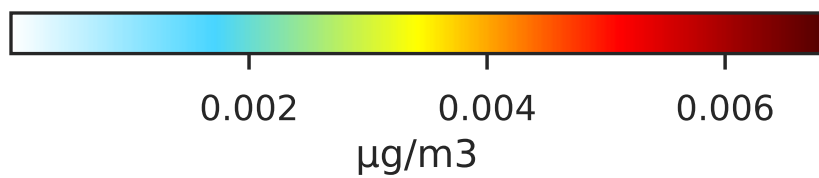
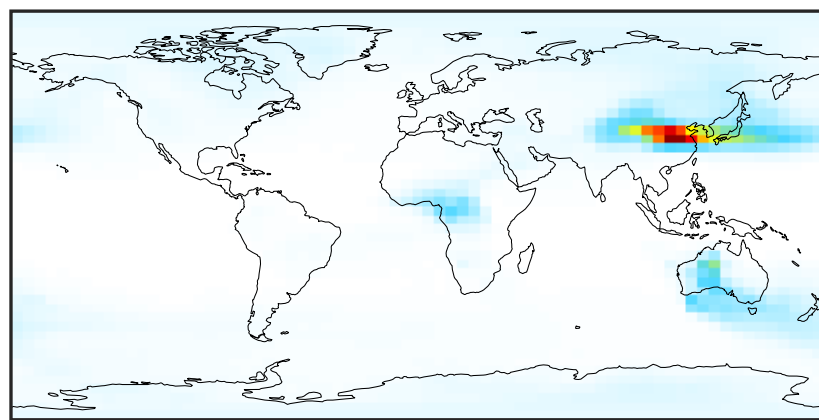
Ratio  
Dev/Ref, Fixed Range



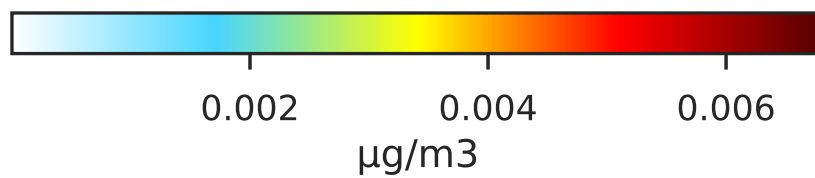
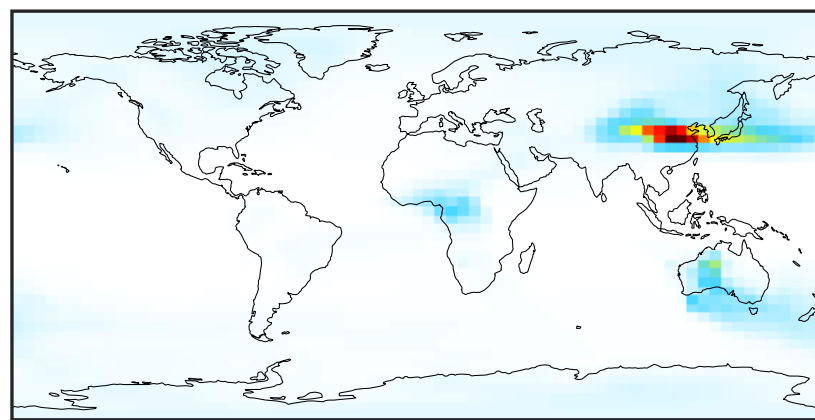
0.50 0.75 1.00 1.50 2.00  
unitless

# SpeciesConcVW\_TSOA3 (Jan2019)

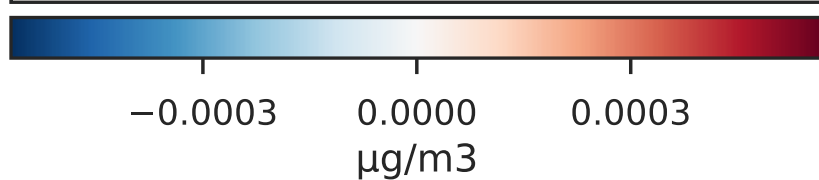
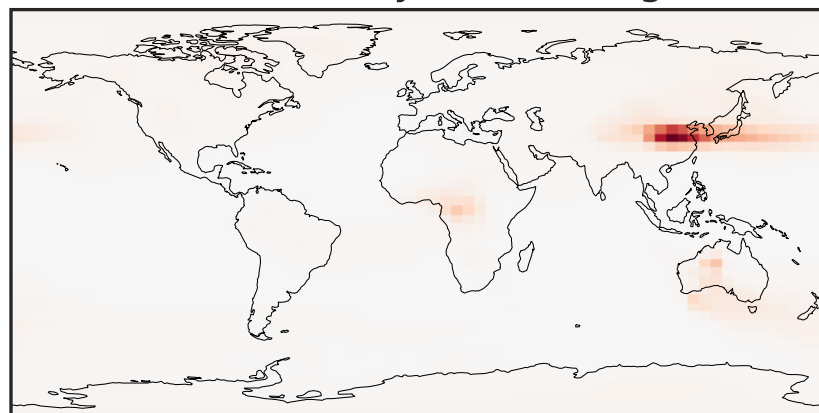
14.2.0-rc.2 (Ref)  
4.0x5.0



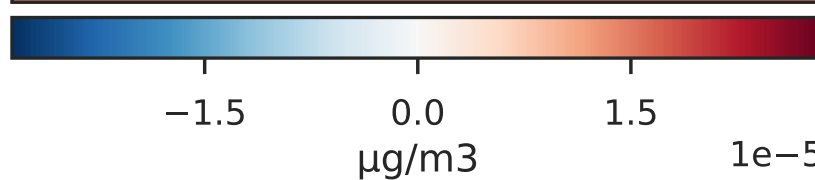
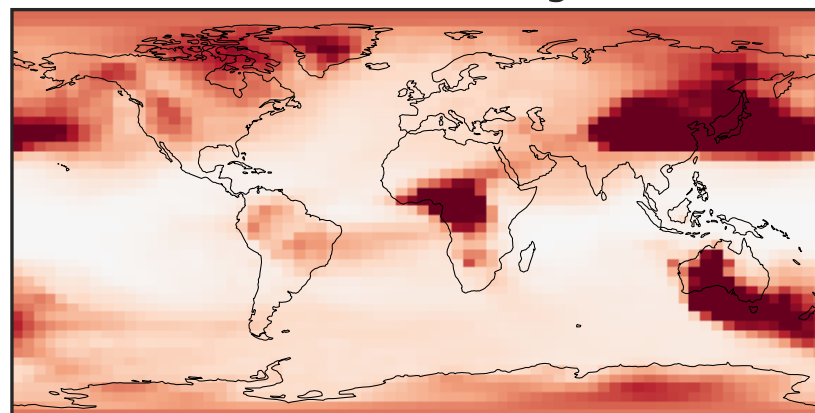
14.3.0-rc.0 (Dev)  
4.0x5.0



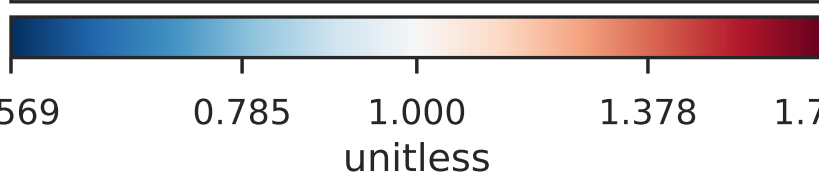
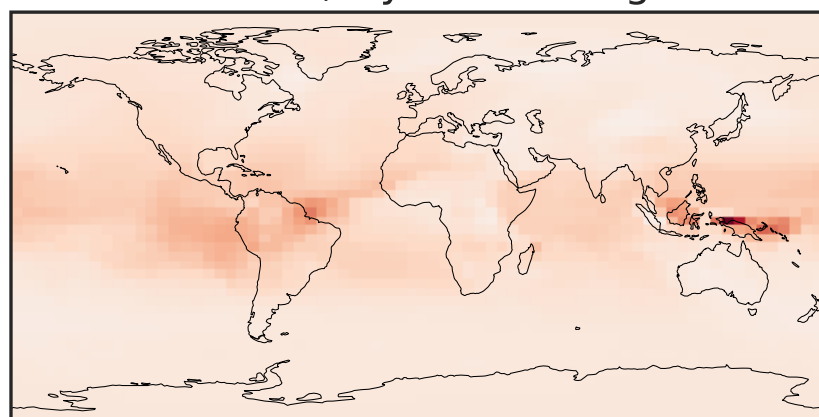
Difference  
Dev - Ref, Dynamic Range



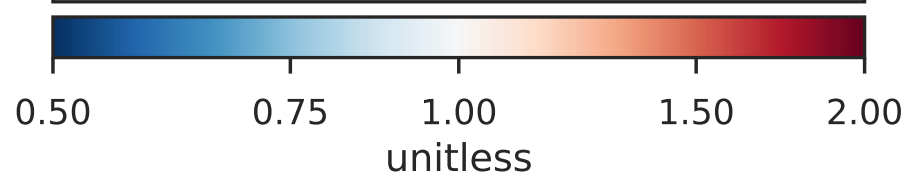
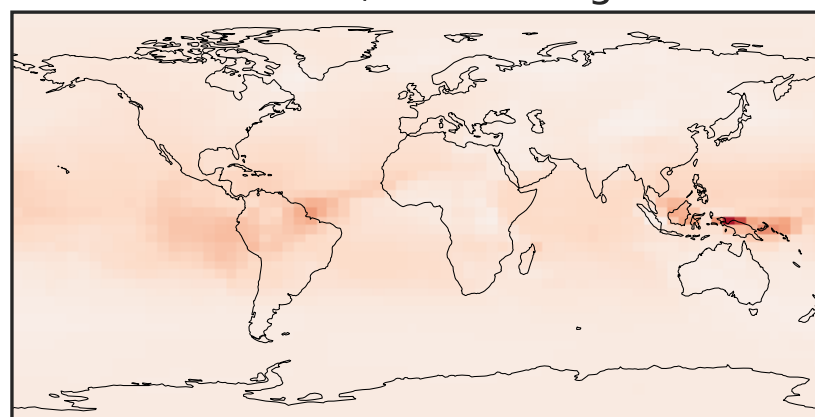
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

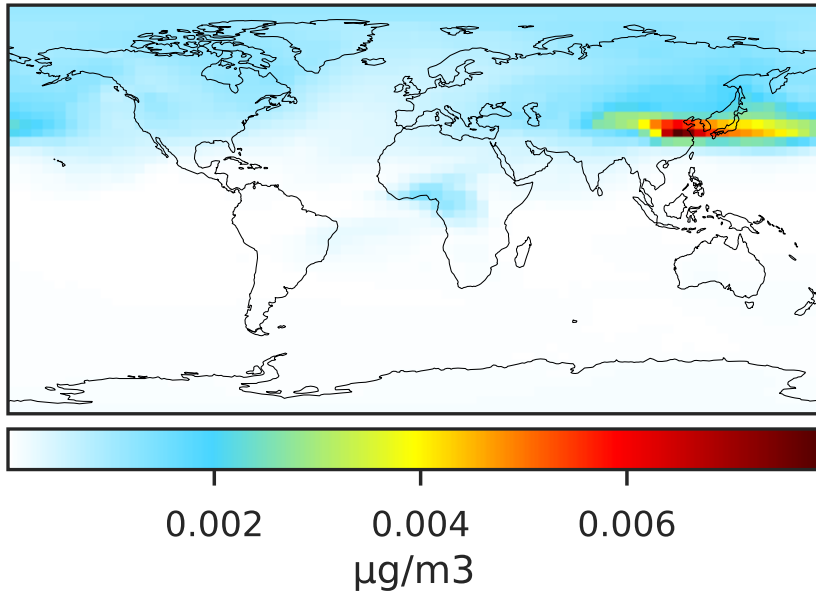


Ratio  
Dev/Ref, Fixed Range

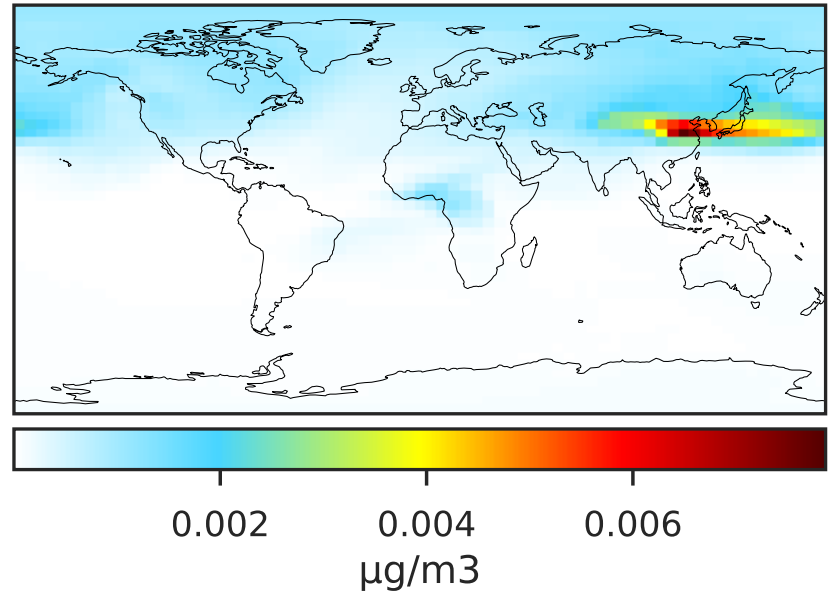


# SpeciesConcVV\_ASOA1 (Jan2019)

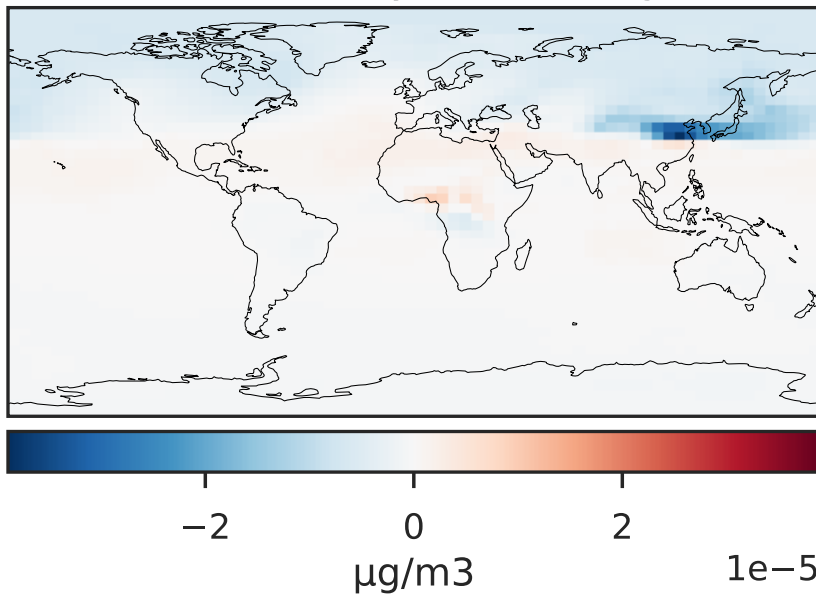
14.2.0-rc.2 (Ref)  
4.0x5.0



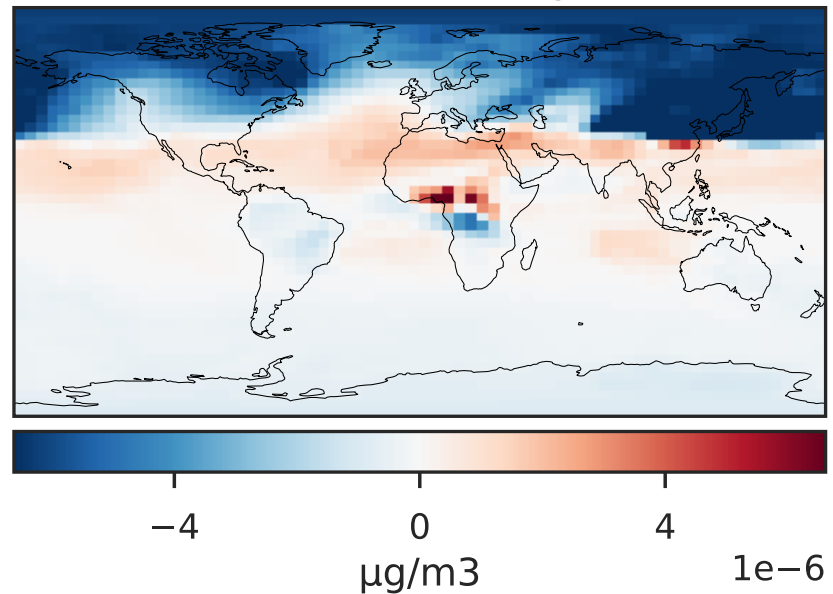
14.3.0-rc.0 (Dev)  
4.0x5.0



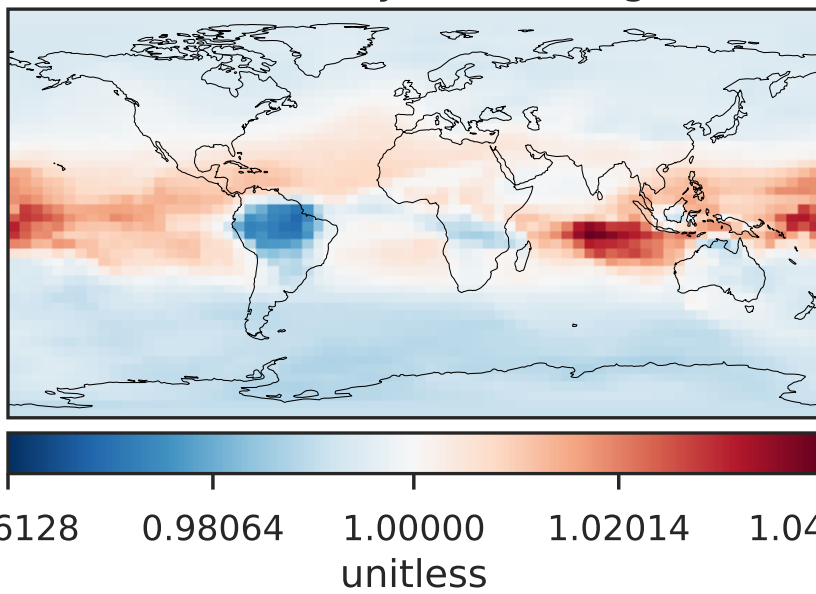
Difference  
Dev - Ref, Dynamic Range



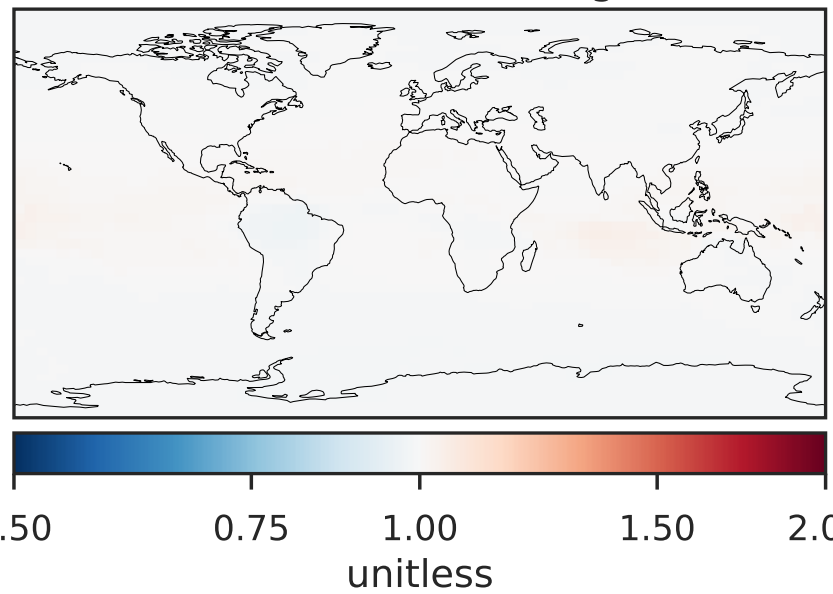
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

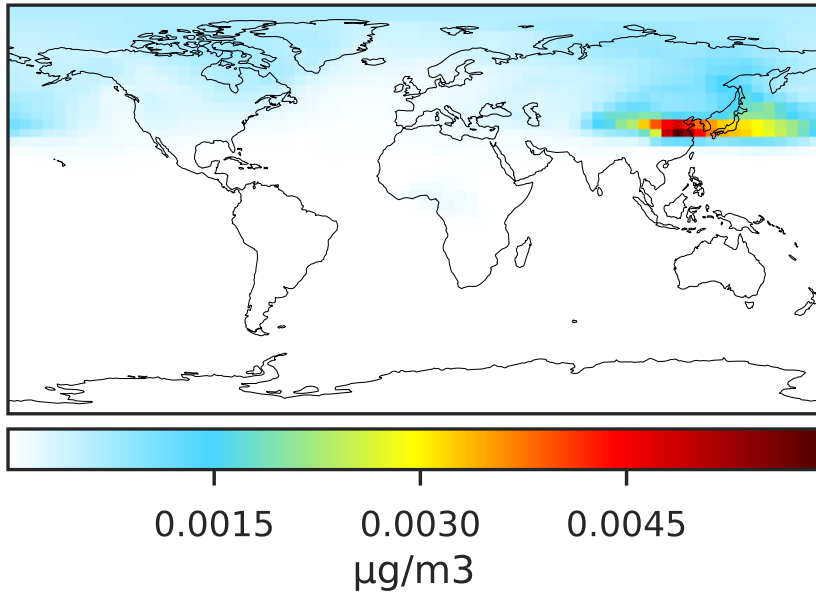


Ratio  
Dev/Ref, Fixed Range

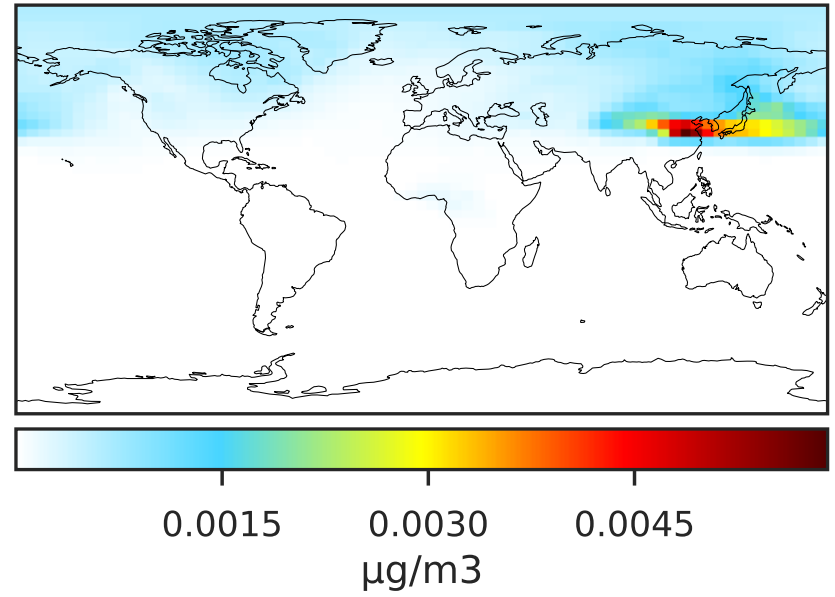


# SpeciesConcVV\_ASOA2 (Jan2019)

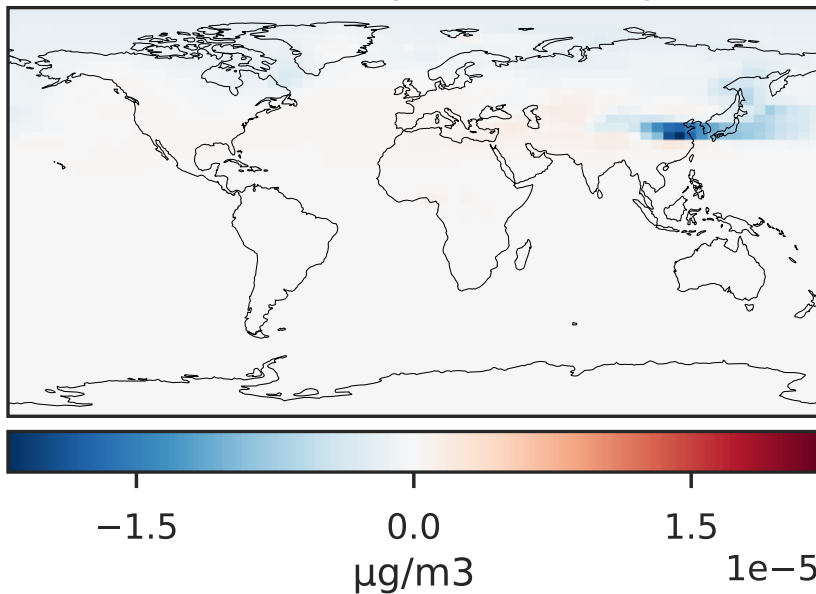
14.2.0-rc.2 (Ref)  
4.0x5.0



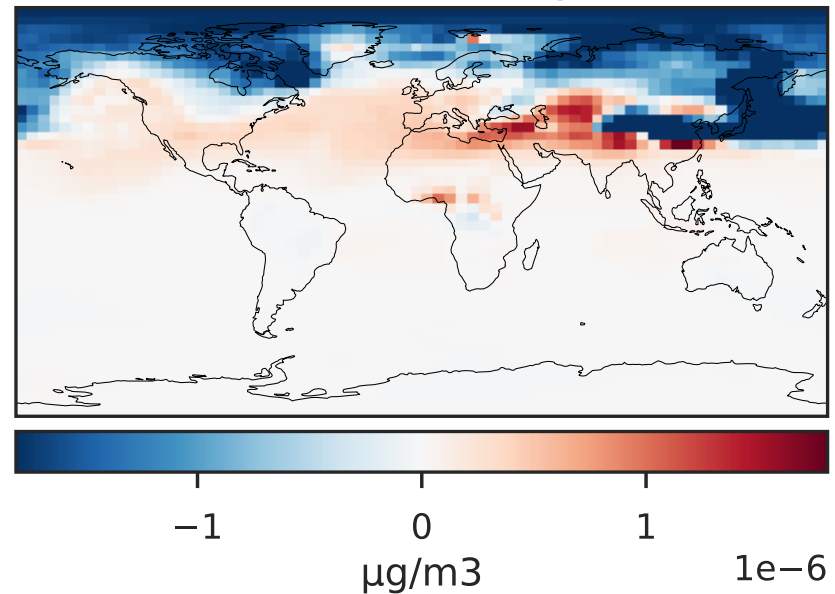
14.3.0-rc.0 (Dev)  
4.0x5.0



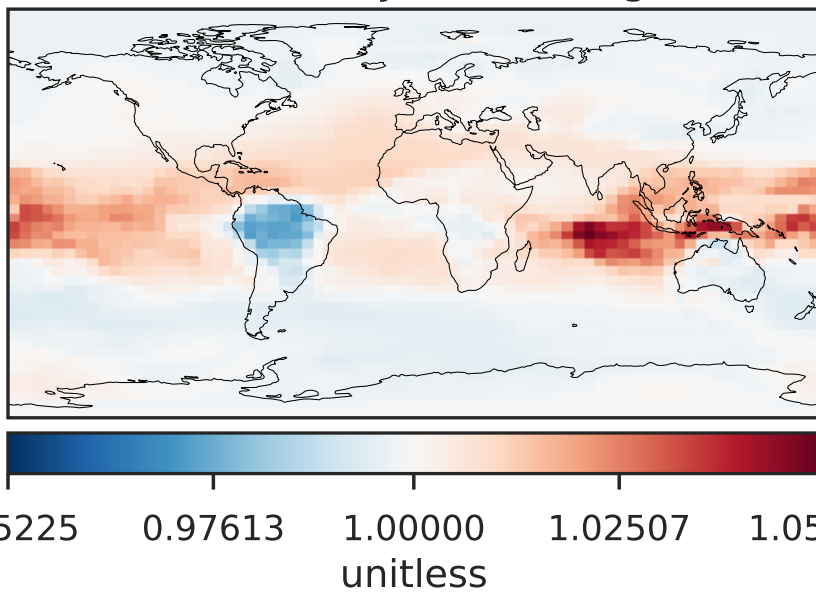
Difference  
Dev - Ref, Dynamic Range



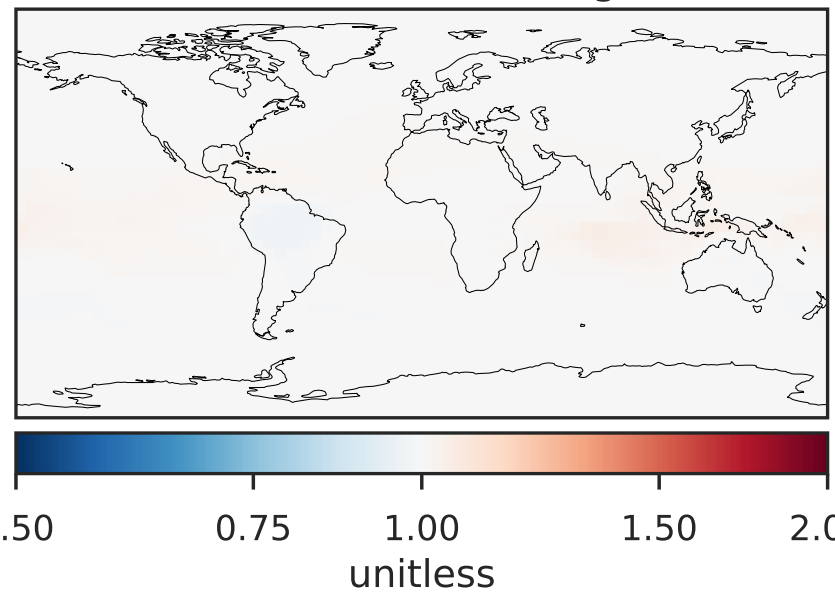
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

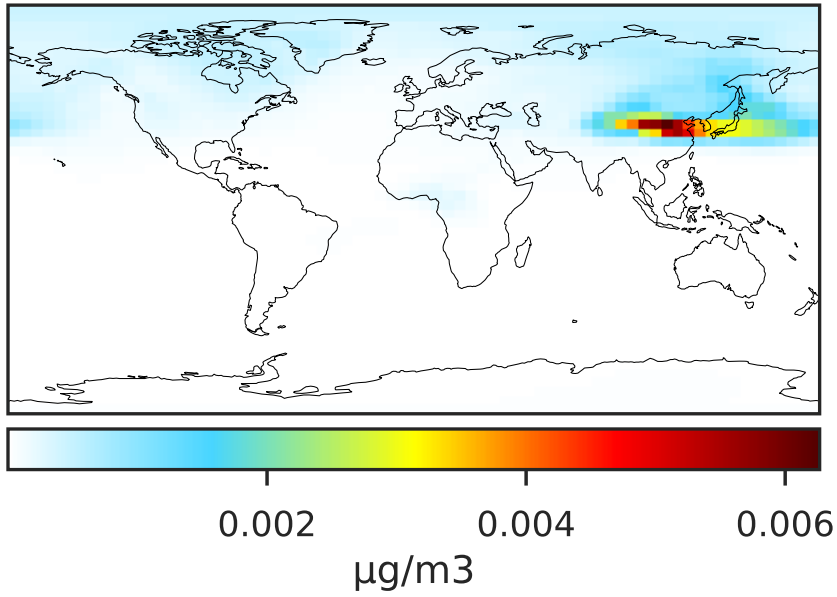


Ratio  
Dev/Ref, Fixed Range

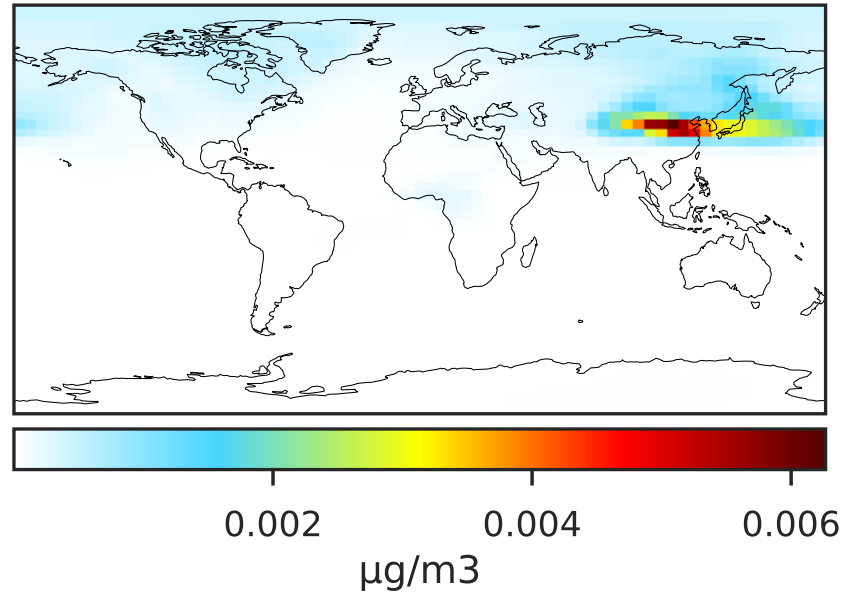


# SpeciesConcVV\_ASOA3 (Jan2019)

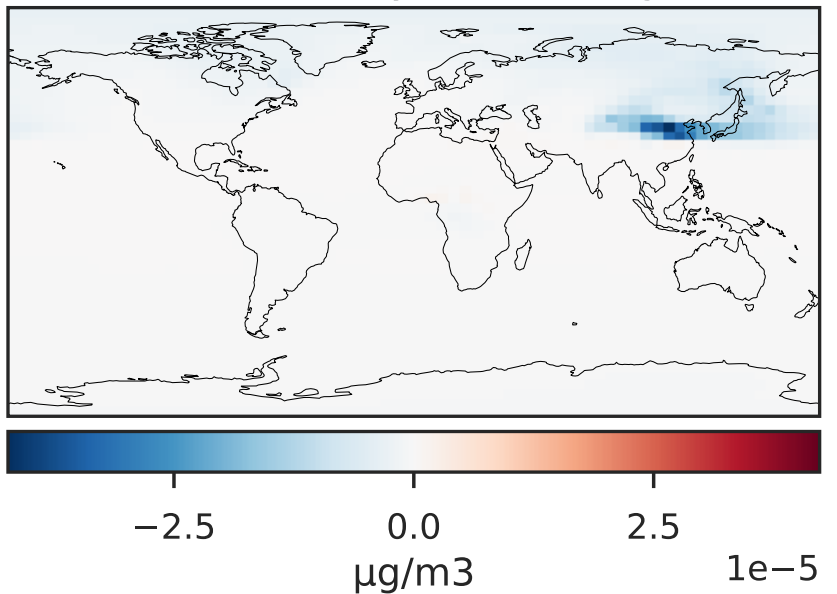
14.2.0-rc.2 (Ref)  
4.0x5.0



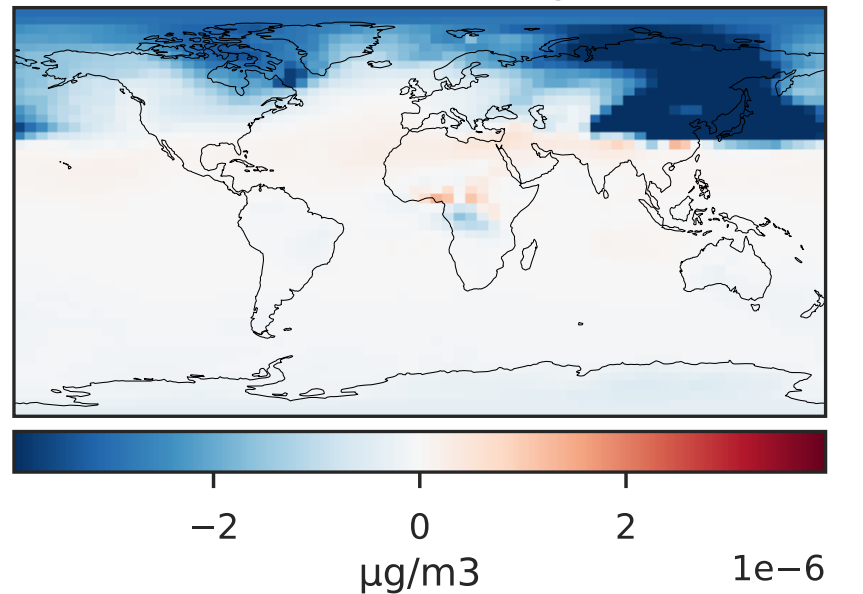
14.3.0-rc.0 (Dev)  
4.0x5.0



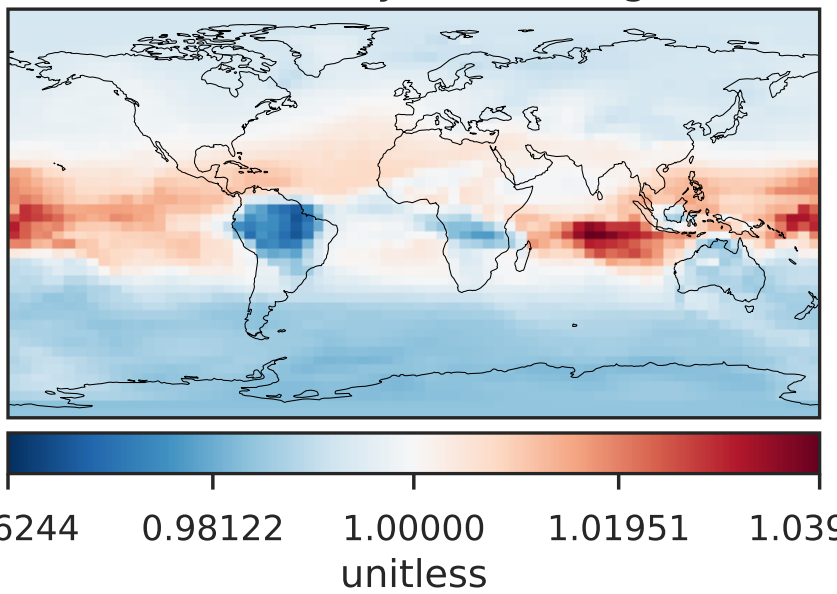
Difference  
Dev - Ref, Dynamic Range



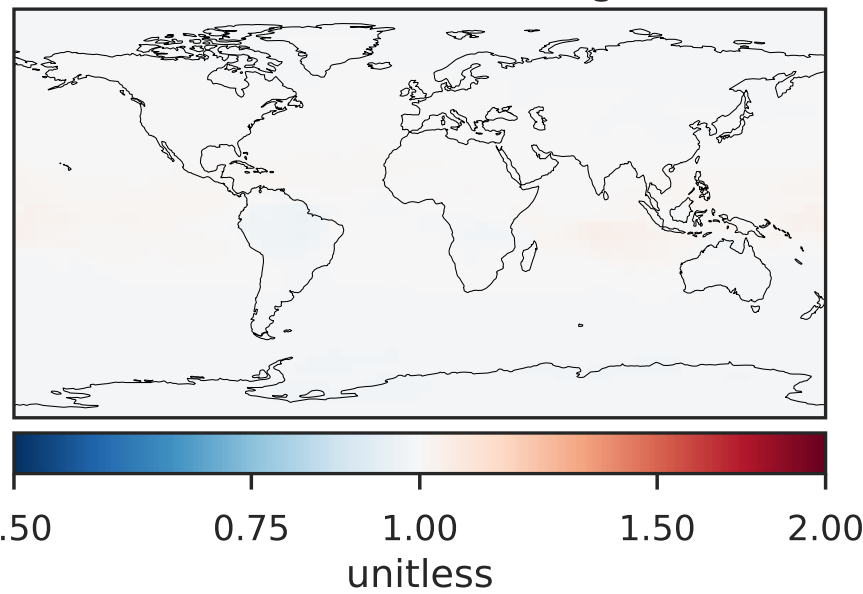
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

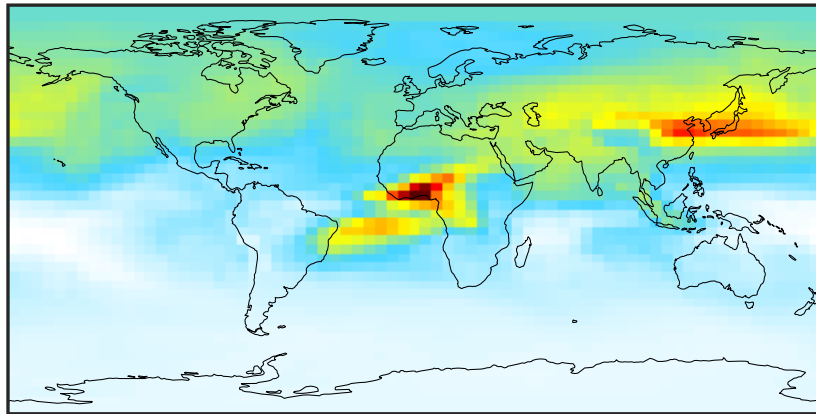


Ratio  
Dev/Ref, Fixed Range



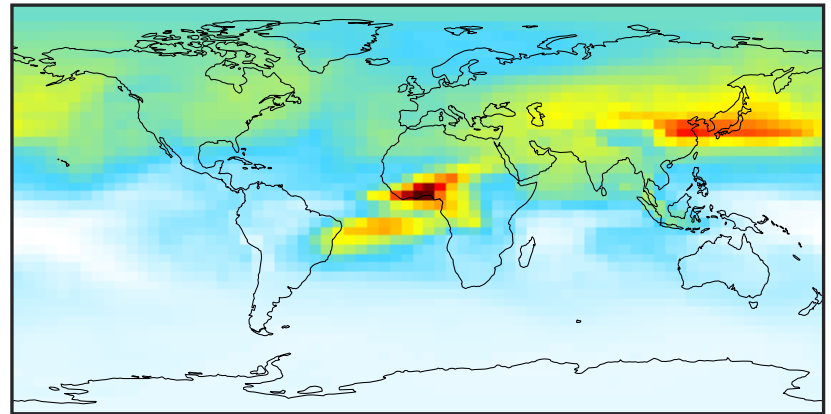
# SpeciesConcVV\_ASOAN (Jan2019)

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



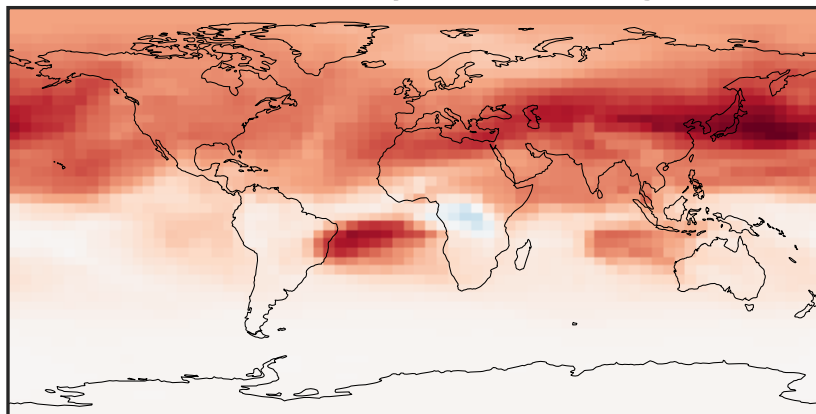
0.005 0.010 0.015  
µg/m<sup>3</sup>

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



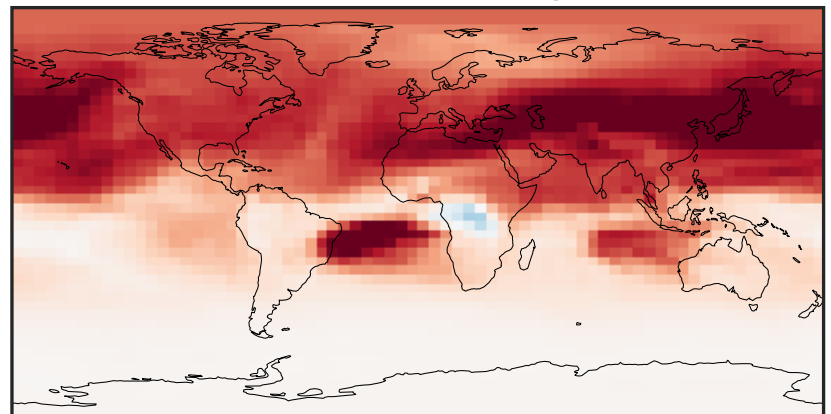
0.005 0.010 0.015  
µg/m<sup>3</sup>

Difference  
Dev - Ref, Dynamic Range



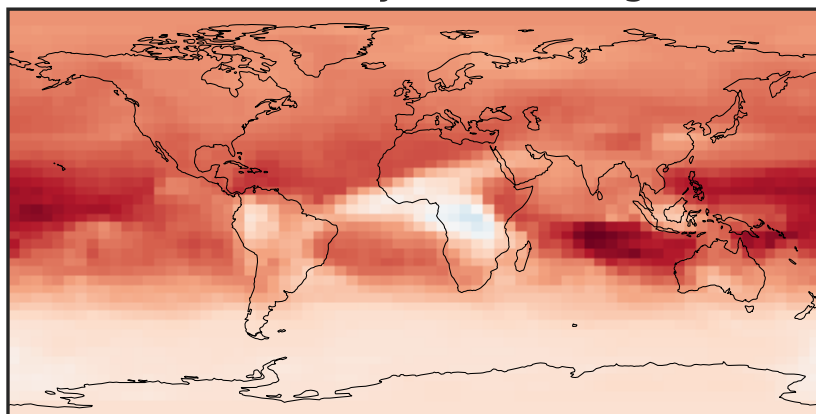
-0.00015 0.00000 0.00015  
µg/m<sup>3</sup>

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



-0.0001 0.0000 0.0001  
µg/m<sup>3</sup>

Ratio  
Dev/Ref, Dynamic Range



0.95912 0.97956 1.00000 1.02131 1.04263  
unitless

Ratio  
Dev/Ref, Fixed Range

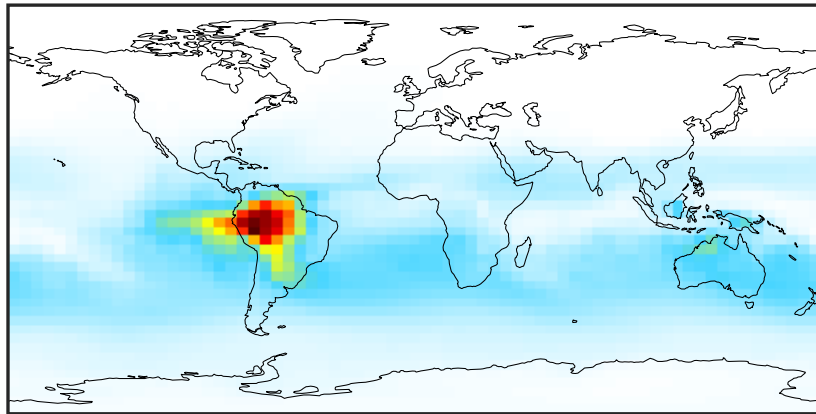


0.50 0.75 1.00 1.50 2.00  
unitless



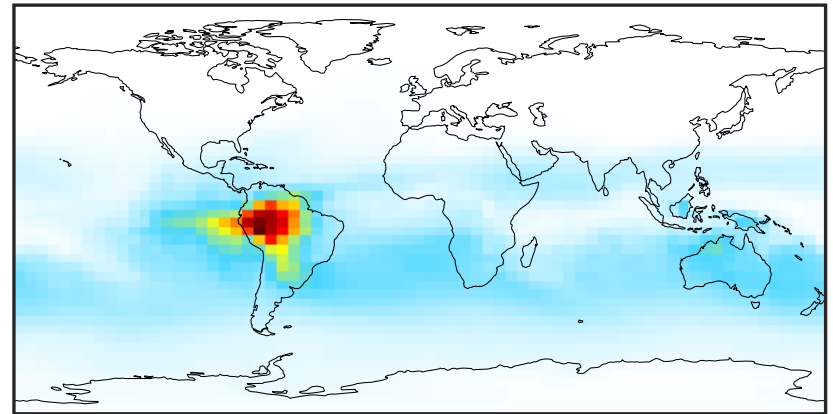
# SpeciesConcVV\_TSOG0 (Jan2019)

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



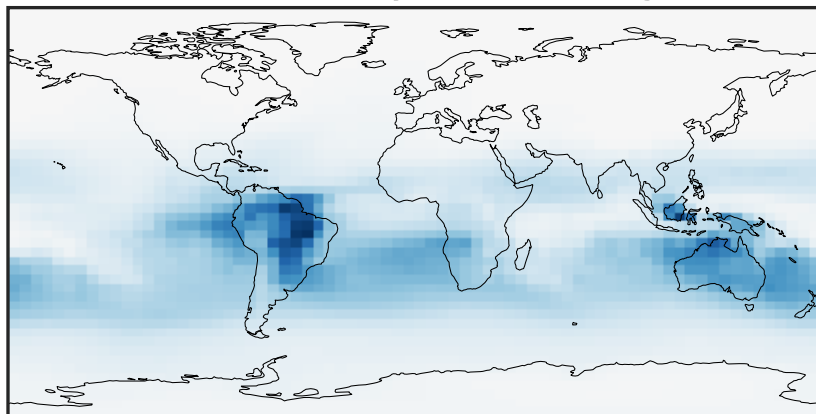
0.003 0.006 0.009  
μg/m3

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



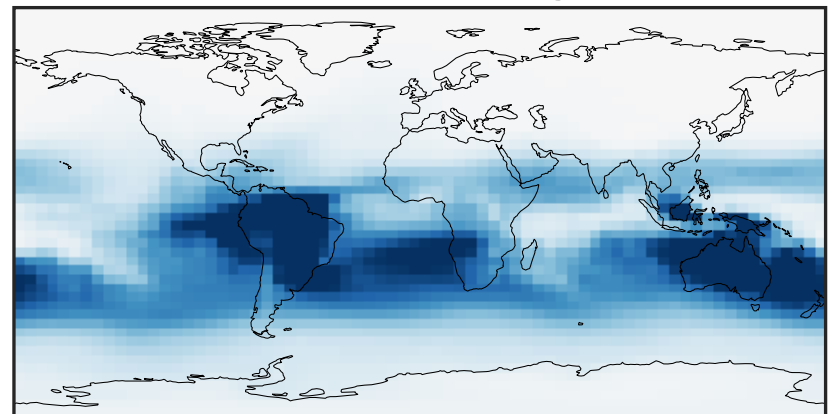
0.003 0.006 0.009  
μg/m3

Difference  
Dev - Ref, Dynamic Range



-0.0002 0.0000 0.0002  
μg/m3

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



-0.0001 0.0000 0.0001  
μg/m3

Ratio  
Dev/Ref, Dynamic Range



0.98564 0.99282 1.00000 1.00729 1.01457  
unitless

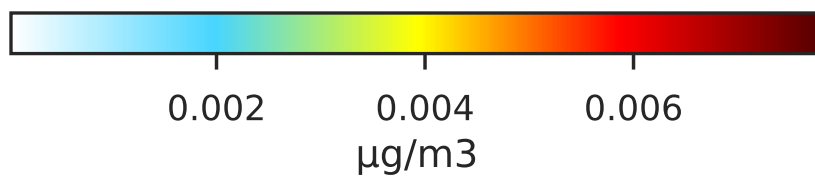
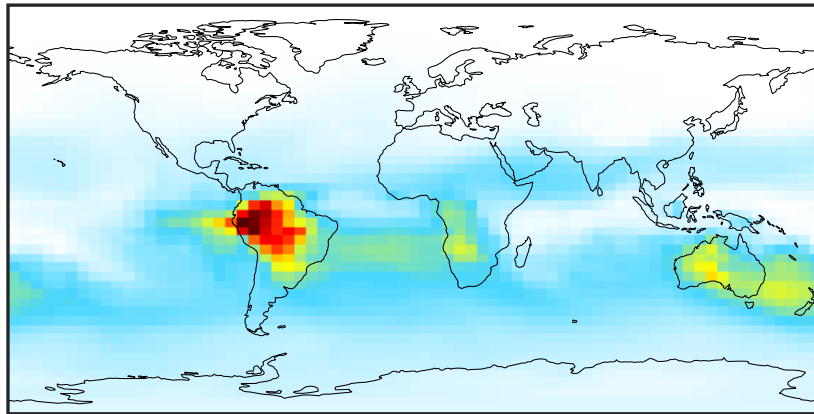
Ratio  
Dev/Ref, Fixed Range



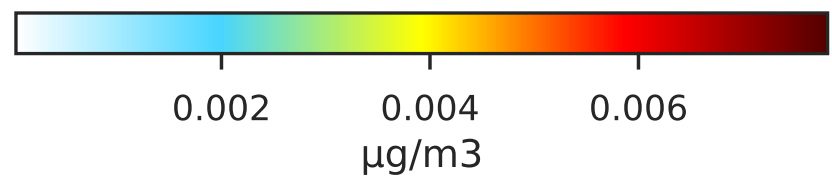
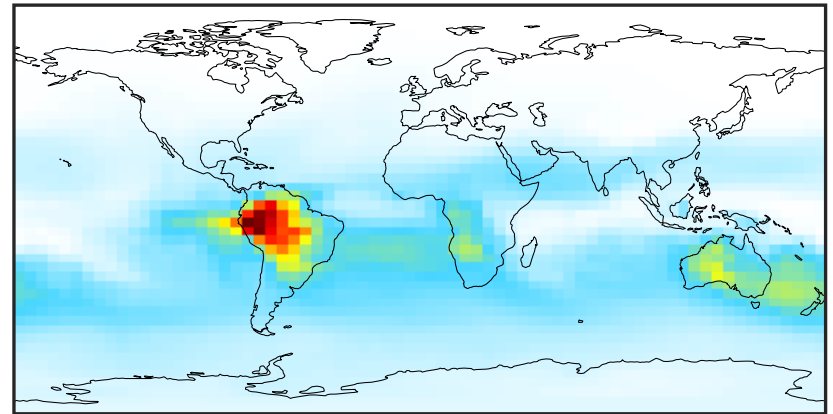
0.50 0.75 1.00 1.50 2.00  
unitless

# SpeciesConcVV\_TSOG1 (Jan2019)

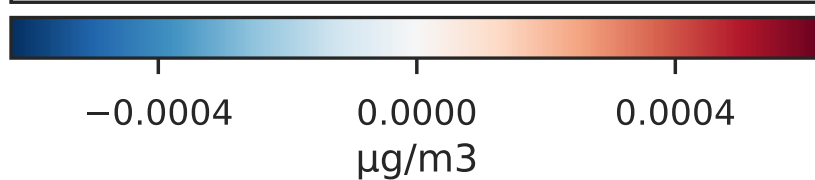
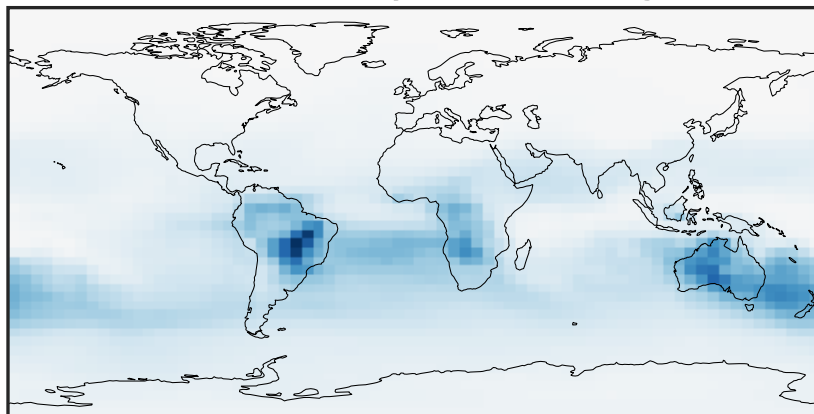
14.2.0-rc.2 (Ref)  
4.0x5.0



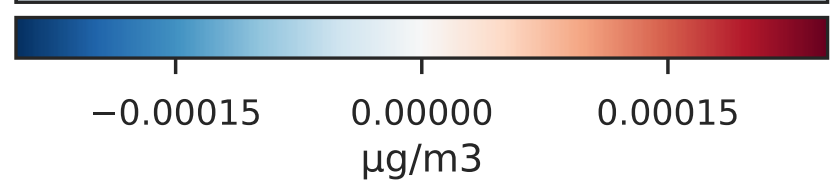
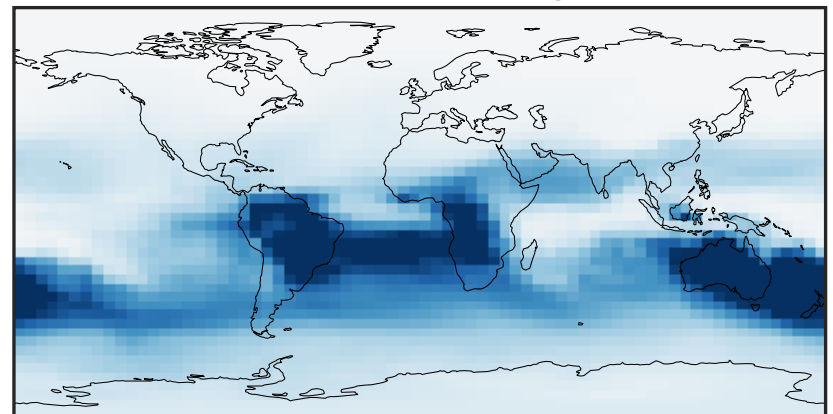
14.3.0-rc.0 (Dev)  
4.0x5.0



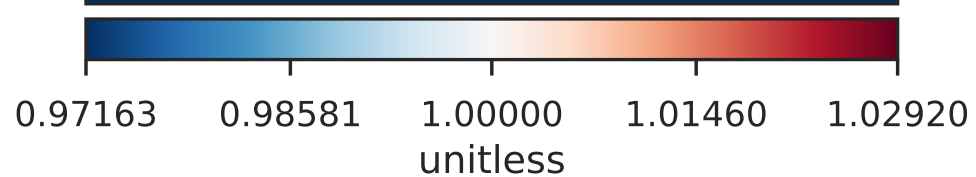
Difference  
Dev - Ref, Dynamic Range



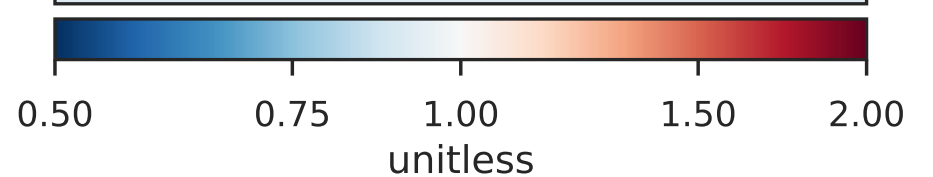
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

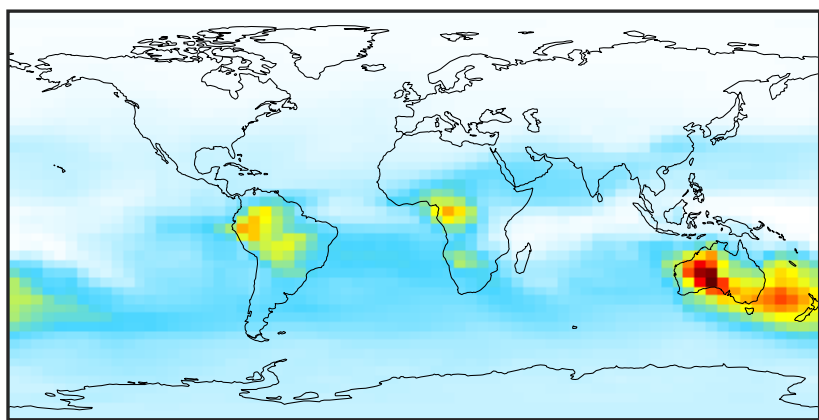


Ratio  
Dev/Ref, Fixed Range



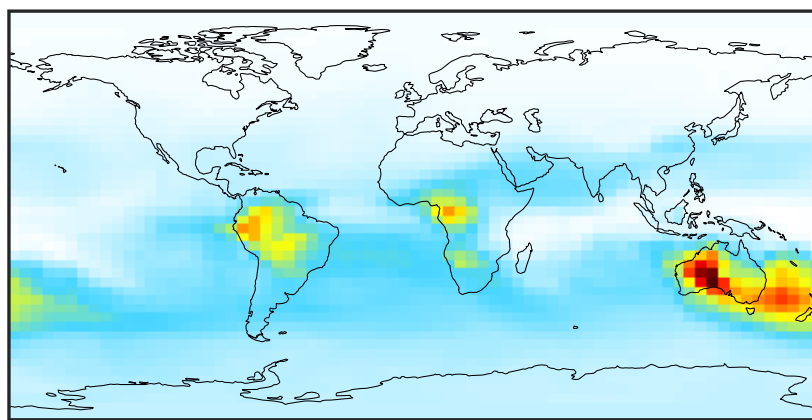
# SpeciesConcVV\_TSOG2 (Jan2019)

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



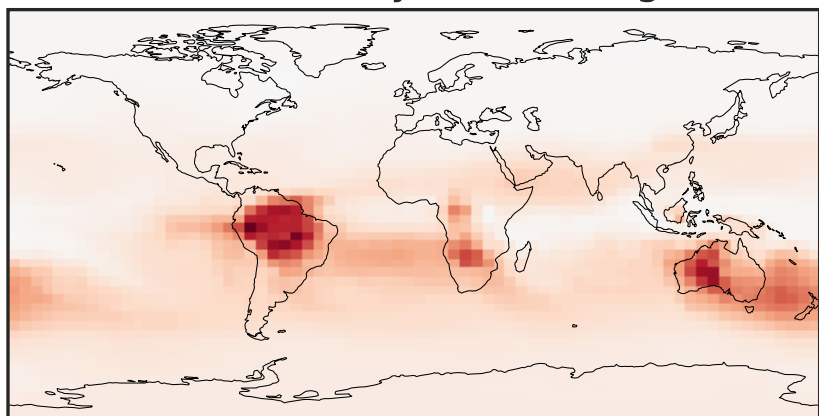
0.0007 0.0282 0.0556 0.0830 0.1105  
 $\mu\text{g}/\text{m}^3$

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



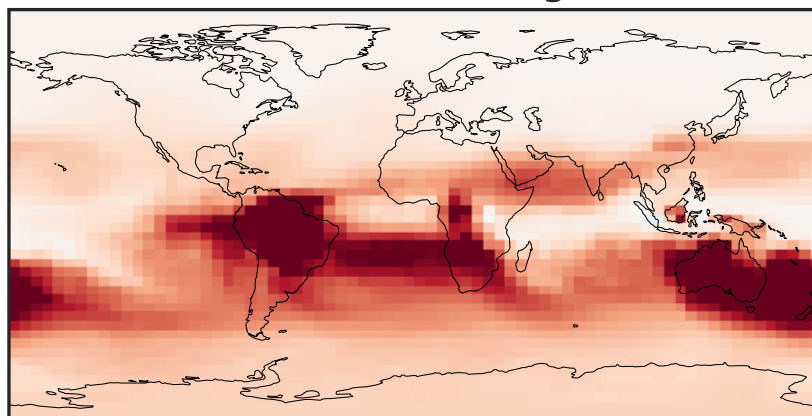
0.0007 0.0282 0.0556 0.0830 0.1105  
 $\mu\text{g}/\text{m}^3$

Difference  
Dev - Ref, Dynamic Range



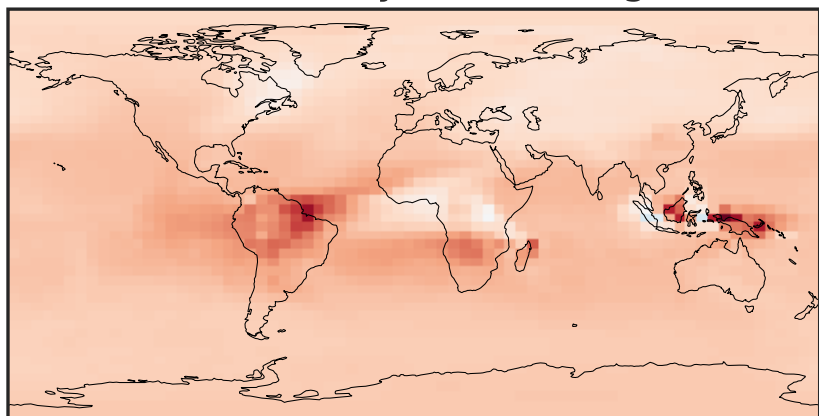
-0.0015 0.0000 0.0015  
 $\mu\text{g}/\text{m}^3$

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



-0.0005 0.0000 0.0005  
 $\mu\text{g}/\text{m}^3$

Ratio  
Dev/Ref, Dynamic Range



0.9184 0.9592 1.0000 1.0444 1.0888  
unitless

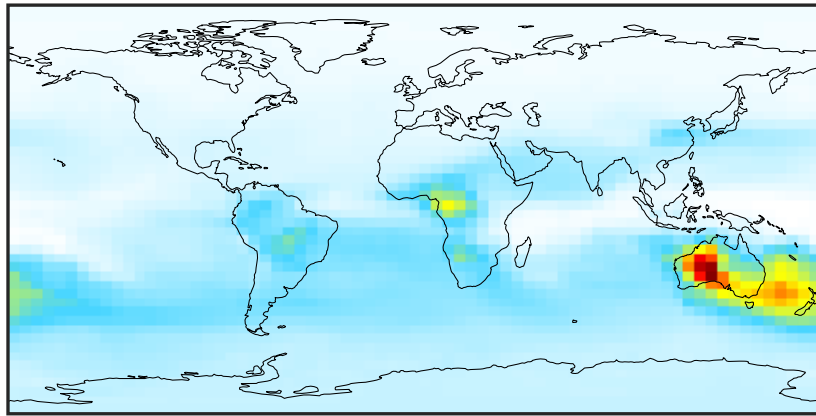
Ratio  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

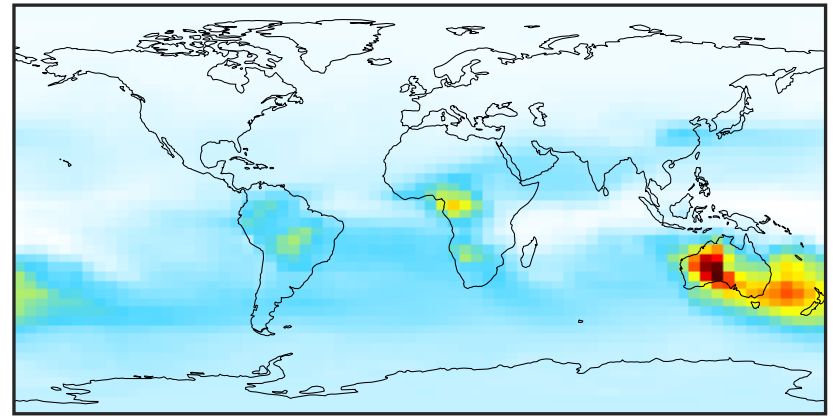
# SpeciesConcVV\_TSOG3 (Jan2019)

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



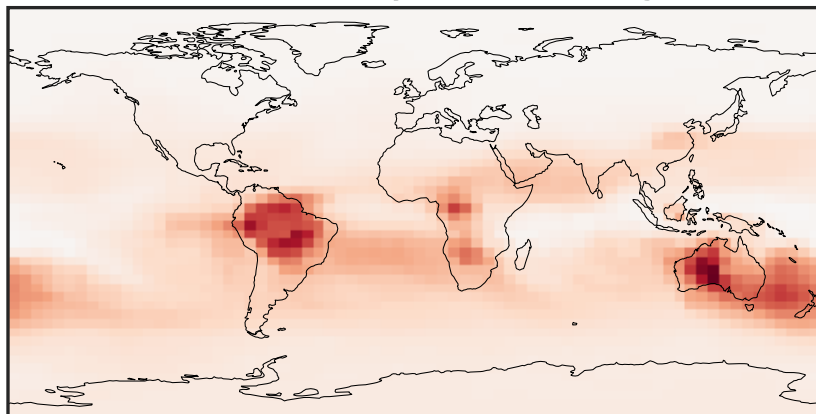
0.0010 0.0620 0.1229 0.1839 0.2448  $\mu\text{g}/\text{m}^3$

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



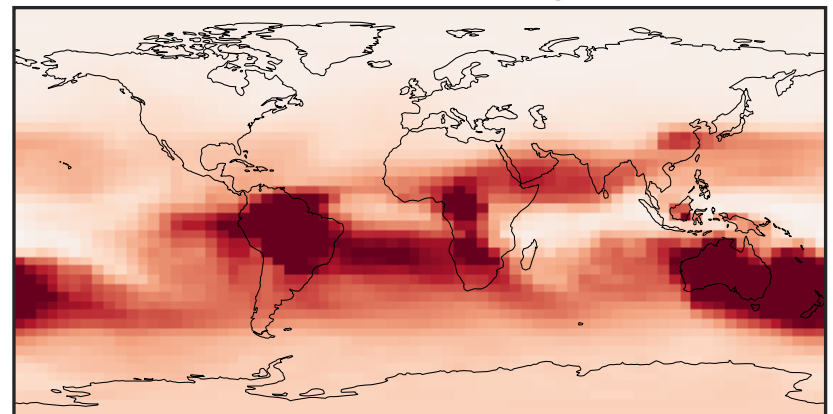
0.0010 0.0620 0.1229 0.1839 0.2448  $\mu\text{g}/\text{m}^3$

Difference  
Dev - Ref, Dynamic Range



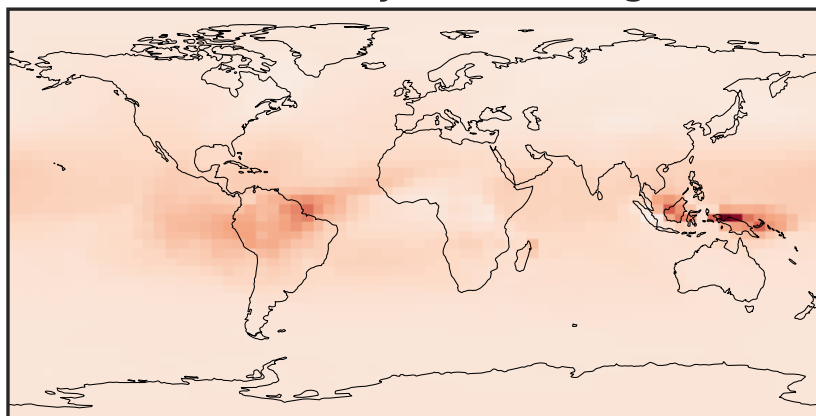
-0.01 0.00 0.01  $\mu\text{g}/\text{m}^3$

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



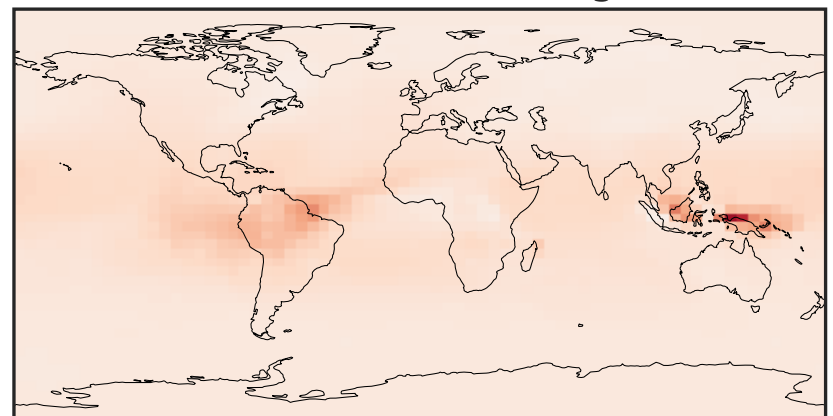
-0.004 0.000 0.004  $\mu\text{g}/\text{m}^3$

Ratio  
Dev/Ref, Dynamic Range



0.555 0.778 1.000 1.400 1.801 unitless

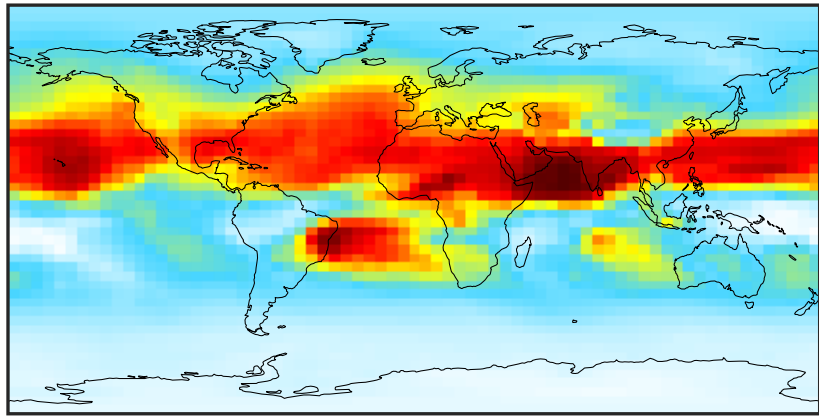
Ratio  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00 unitless

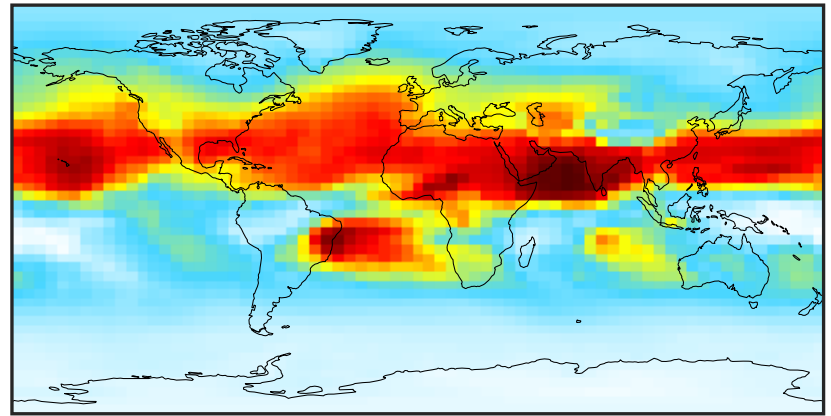
# SpeciesConcVV\_ASOG1 (Jan2019)

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



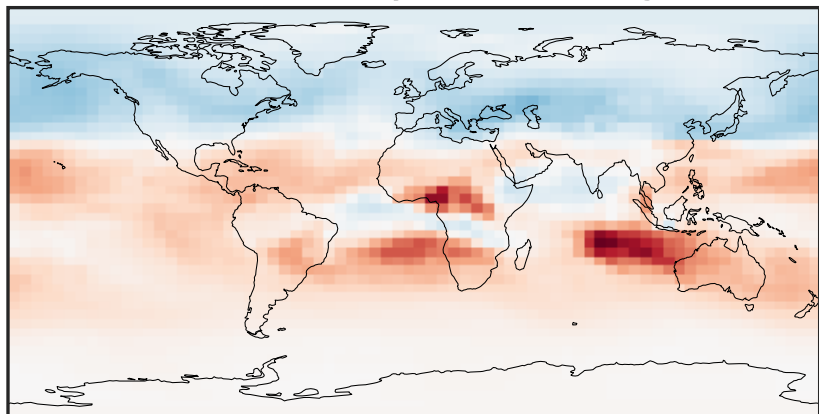
0.0004 0.0008 0.0012 0.0016  
 $\mu\text{g}/\text{m}^3$

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



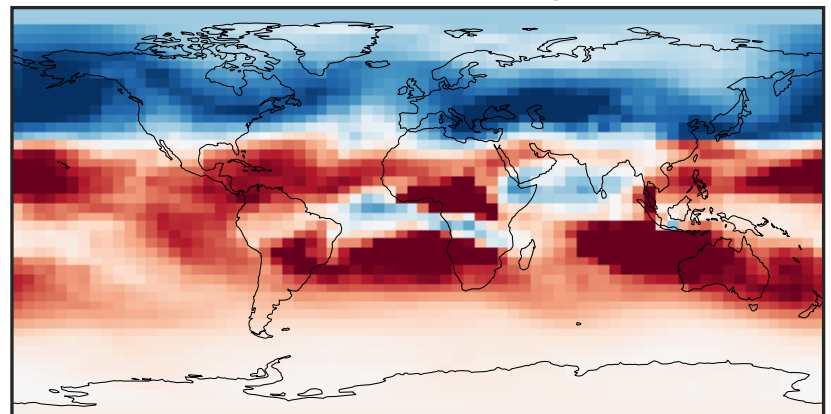
0.0004 0.0008 0.0012 0.0016  
 $\mu\text{g}/\text{m}^3$

Difference  
Dev - Ref, Dynamic Range



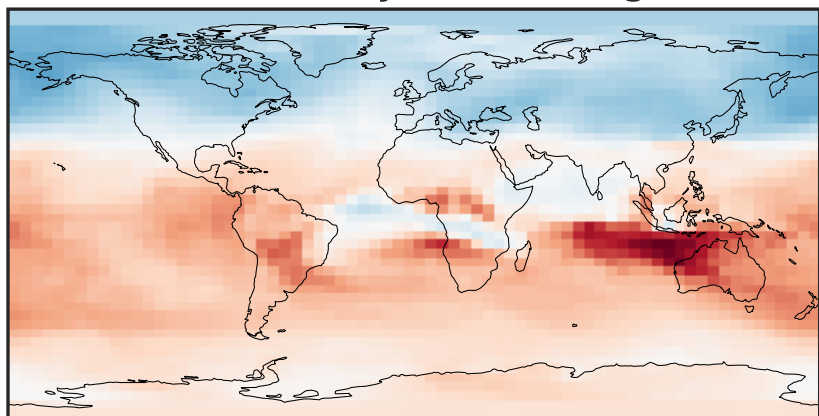
-8 0 8  
 $\mu\text{g}/\text{m}^3$   $1\text{e}-6$

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



-2.5 0.0 2.5  
 $\mu\text{g}/\text{m}^3$   $1\text{e}-6$

Ratio  
Dev/Ref, Dynamic Range



0.98292 0.99146 1.00000 1.00869 1.01737  
unitless

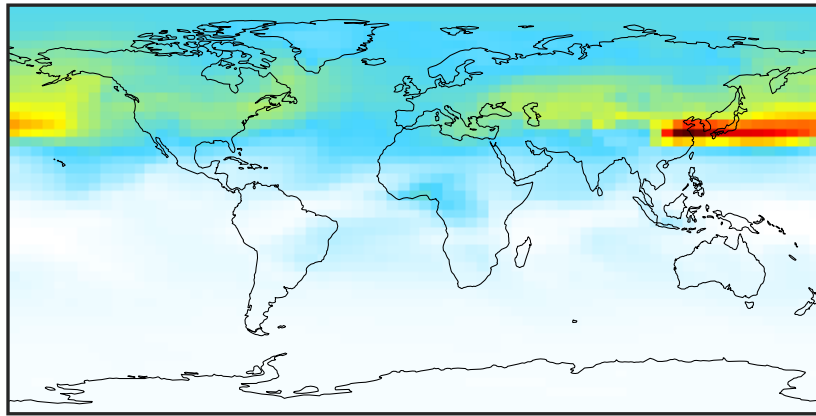
Ratio  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

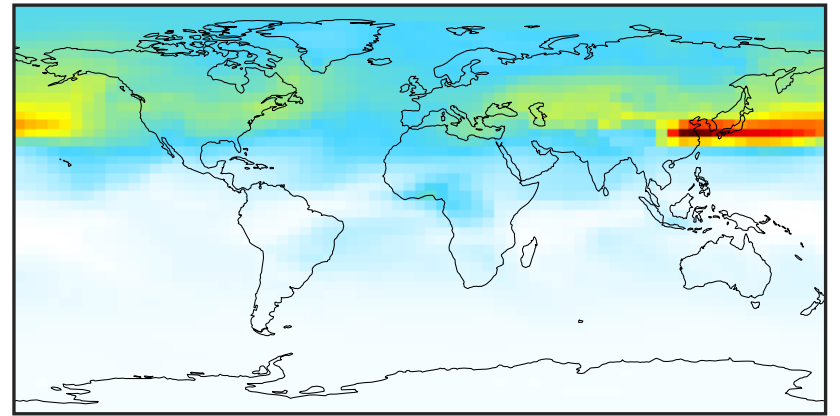
# SpeciesConcVV\_ASOG2 (Jan2019)

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



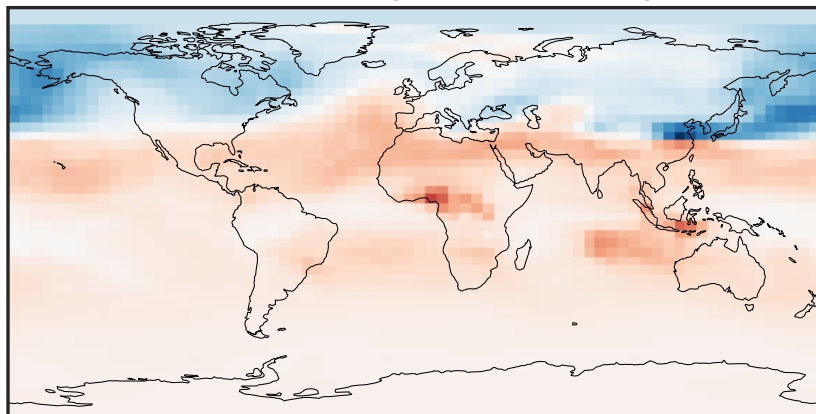
0.0015 0.0030 0.0045  
μg/m3

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



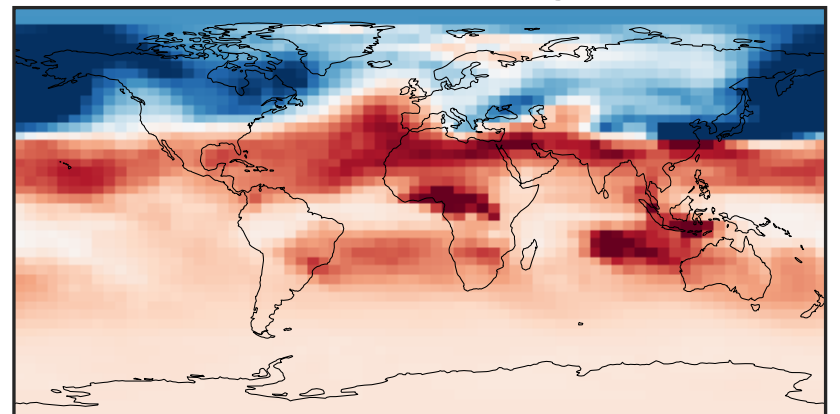
0.0015 0.0030 0.0045  
μg/m3

Difference  
Dev - Ref, Dynamic Range



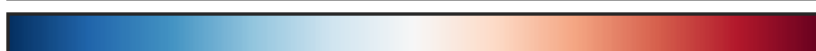
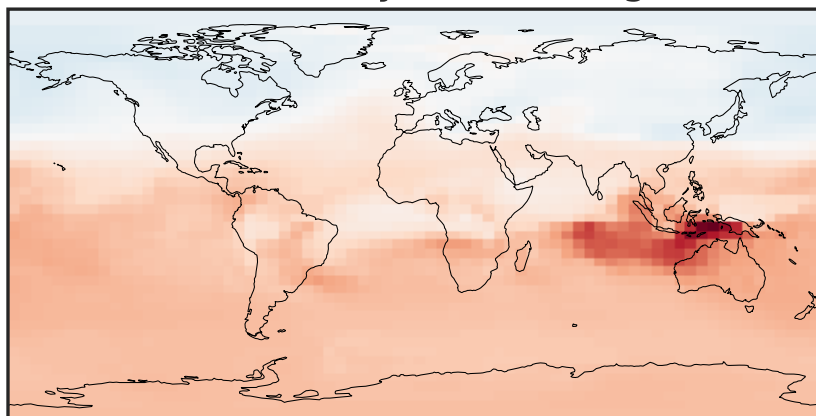
-1 0 1  
μg/m3 1e-5

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



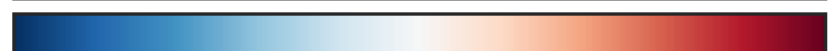
-4 0 4  
μg/m3 1e-6

Ratio  
Dev/Ref, Dynamic Range



0.96682 0.98341 1.00000 1.01716 1.03432  
unitless

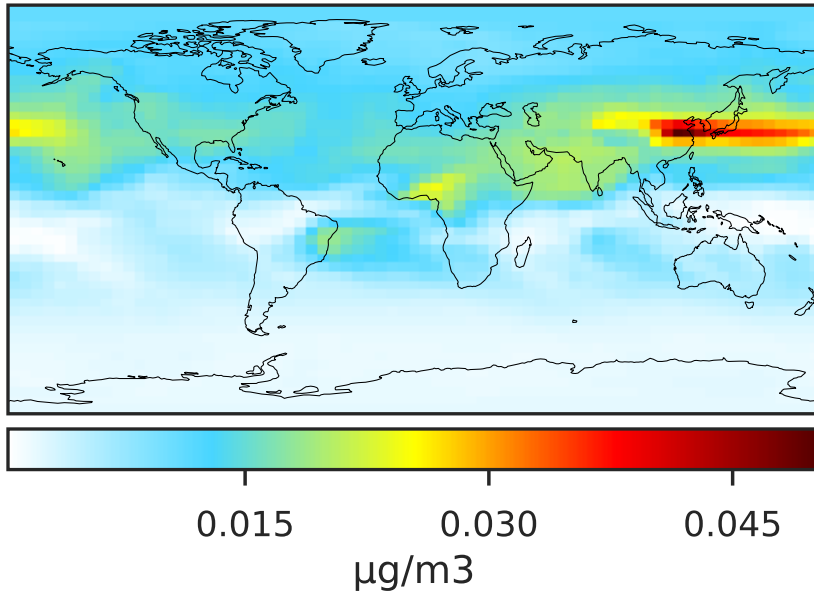
Ratio  
Dev/Ref, Fixed Range



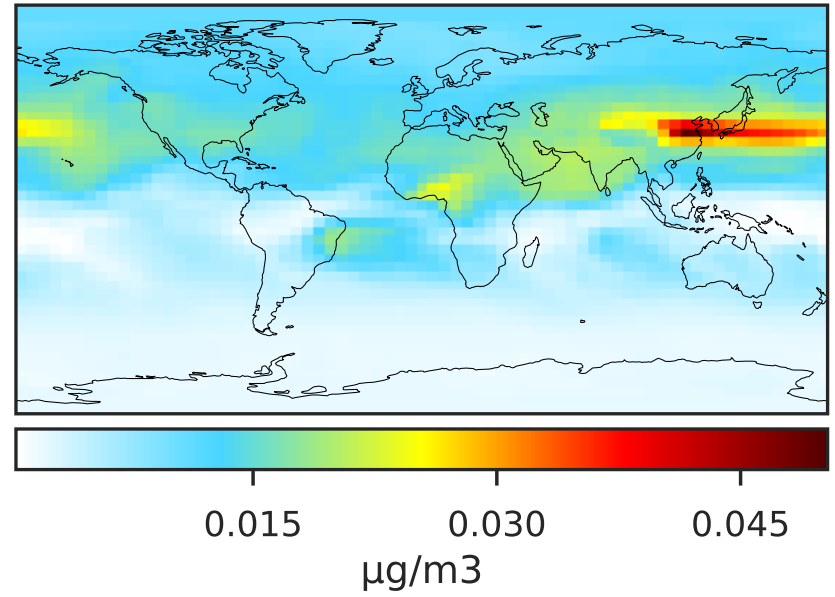
0.50 0.75 1.00 1.50 2.00  
unitless

# SpeciesConcVV\_ASOG3 (Jan2019)

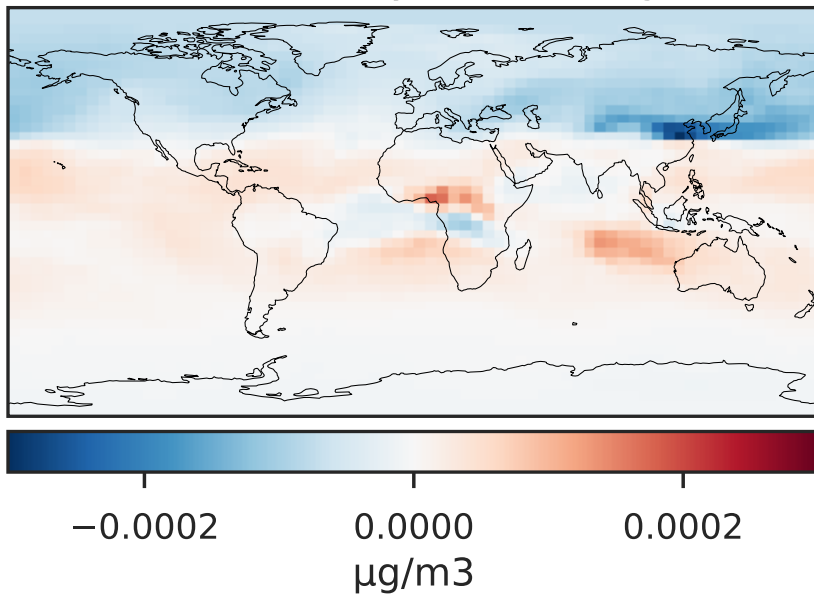
14.2.0-rc.2 (Ref)  
4.0x5.0



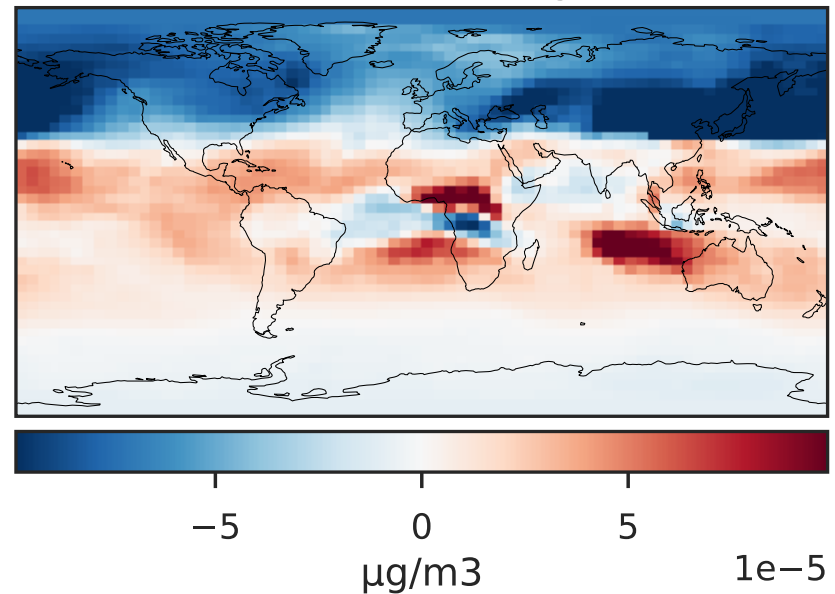
14.3.0-rc.0 (Dev)  
4.0x5.0



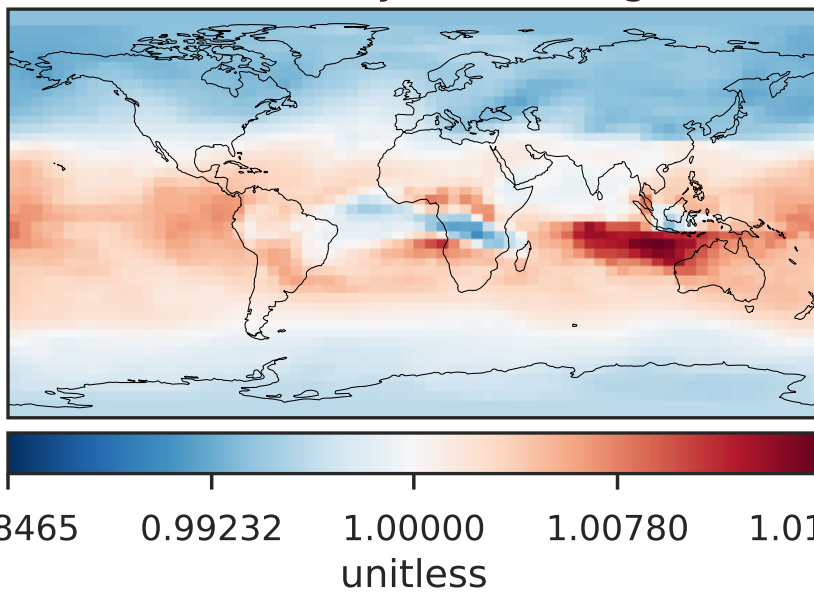
Difference  
Dev - Ref, Dynamic Range



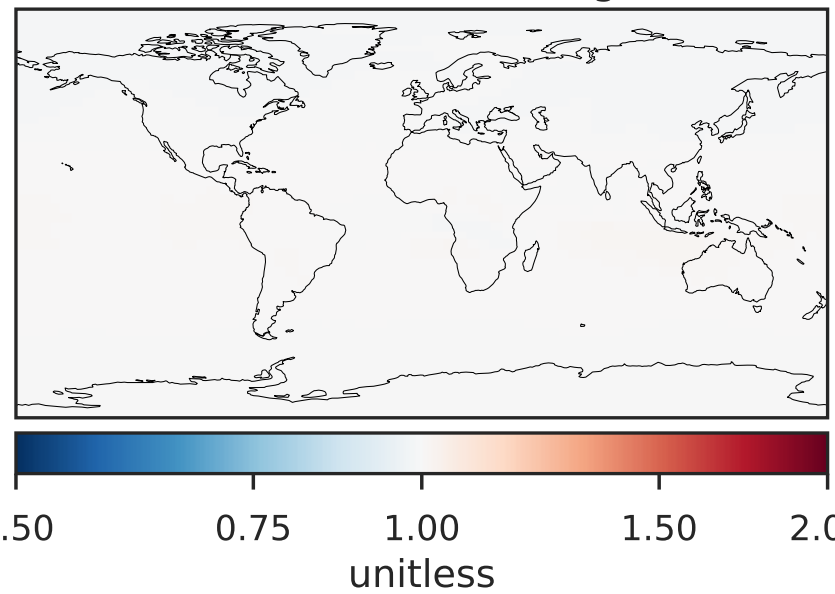
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

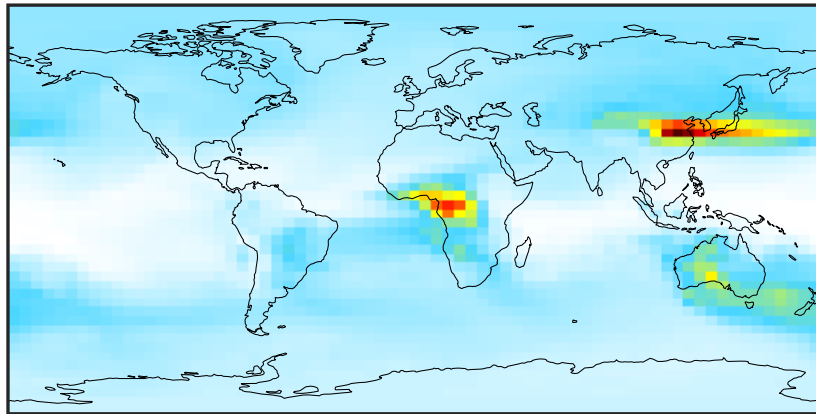


Ratio  
Dev/Ref, Fixed Range



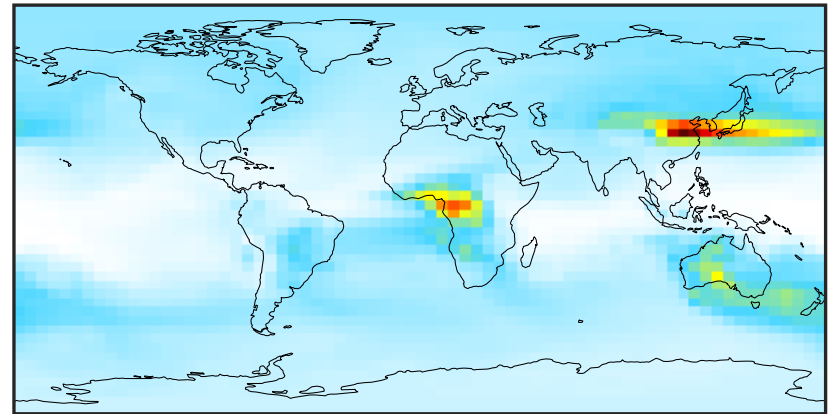
# SpeciesConcVV\_INDIOL (Jan2019)

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



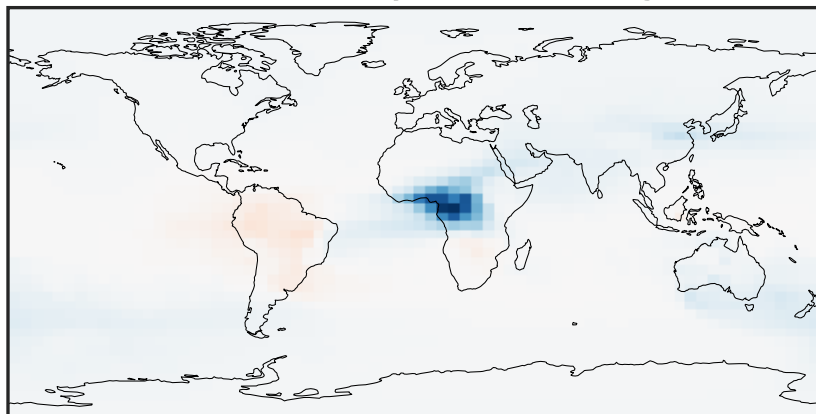
0.0002 0.0379 0.0756 0.1133 0.1510  
 $\mu\text{g}/\text{m}^3$

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



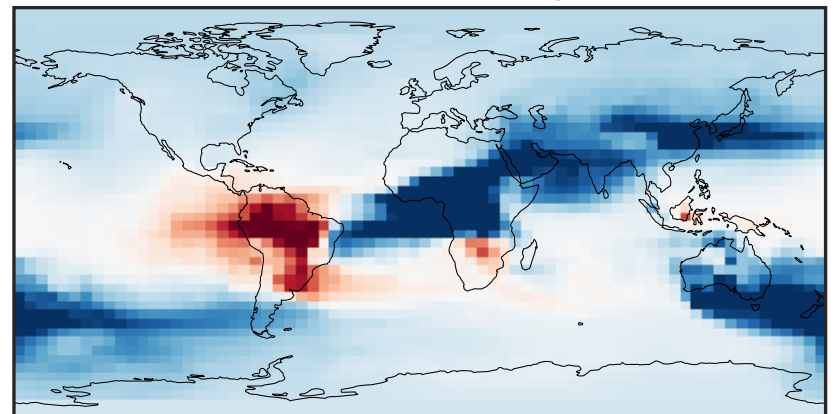
0.0002 0.0379 0.0756 0.1133 0.1510  
 $\mu\text{g}/\text{m}^3$

Difference  
Dev - Ref, Dynamic Range



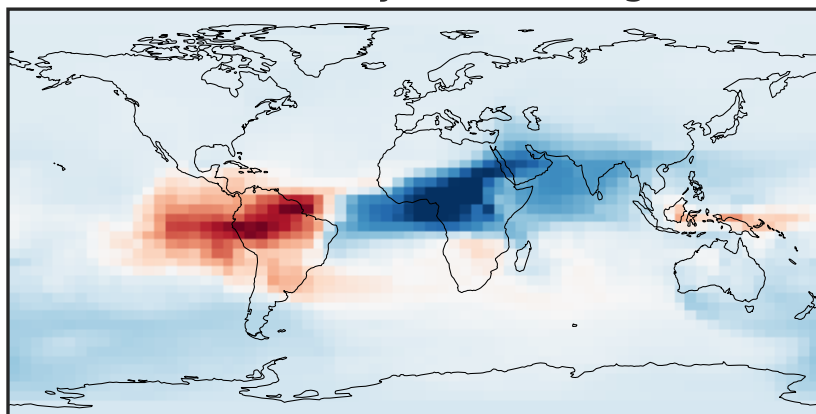
-0.004 0.000 0.004  
 $\mu\text{g}/\text{m}^3$

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



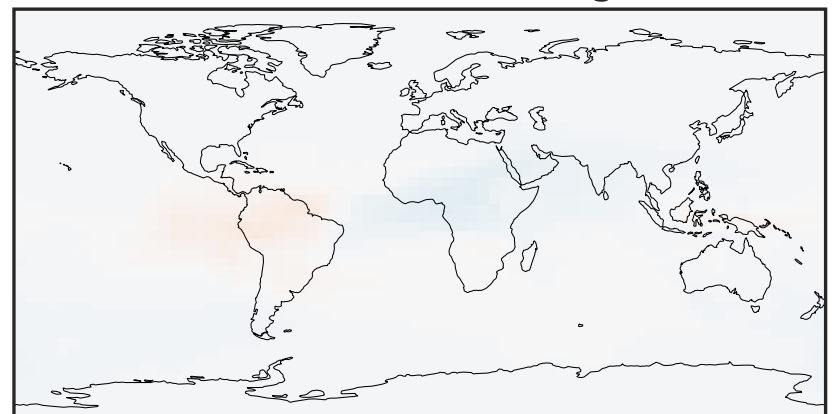
-0.0004 0.0000 0.0004  
 $\mu\text{g}/\text{m}^3$

Ratio  
Dev/Ref, Dynamic Range



0.9382 0.9691 1.0000 1.0329 1.0658  
unitless

Ratio  
Dev/Ref, Fixed Range

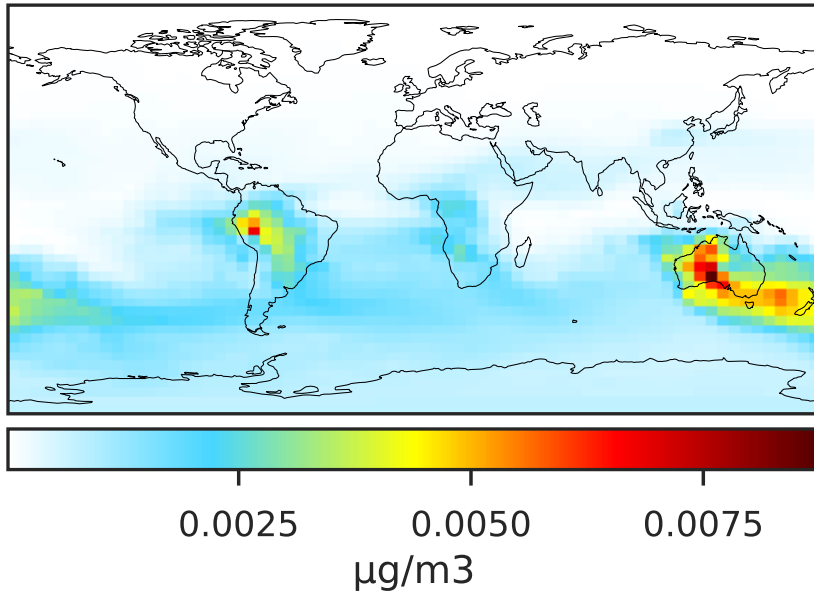


0.50 0.75 1.00 1.50 2.00  
unitless

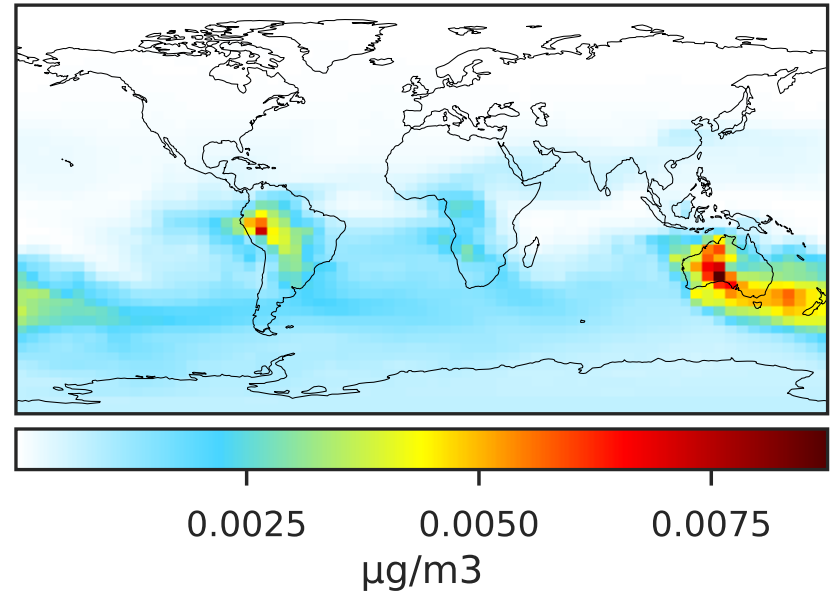


# SpeciesConcVV\_LVOCOA (Jan2019)

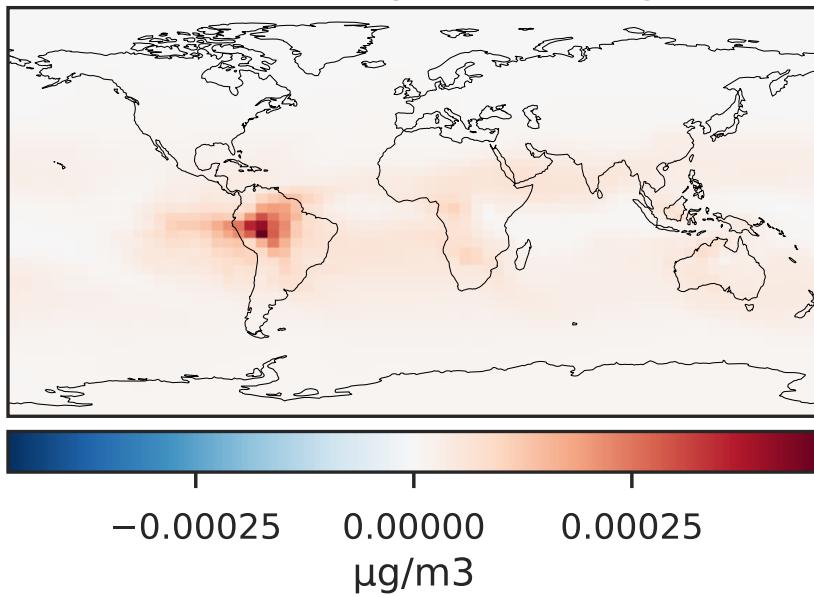
14.2.0-rc.2 (Ref)  
4.0x5.0



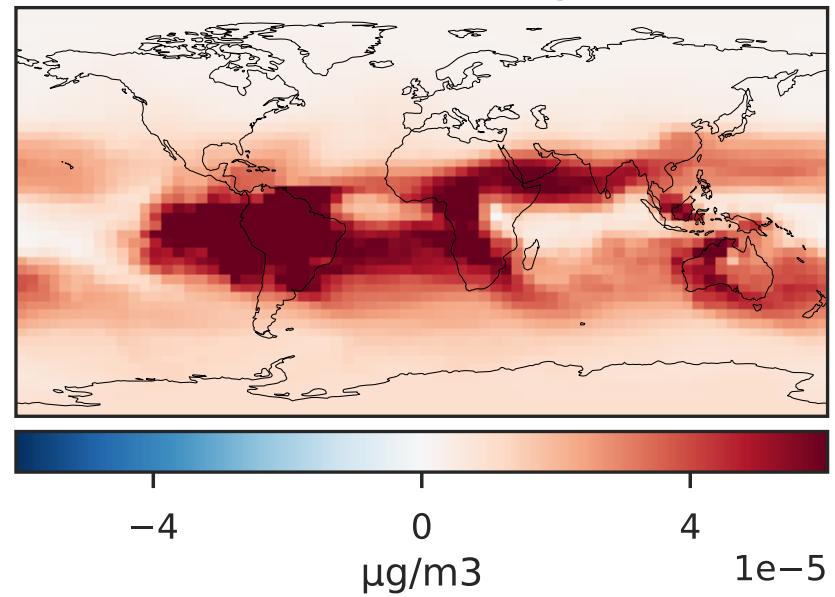
14.3.0-rc.0 (Dev)  
4.0x5.0



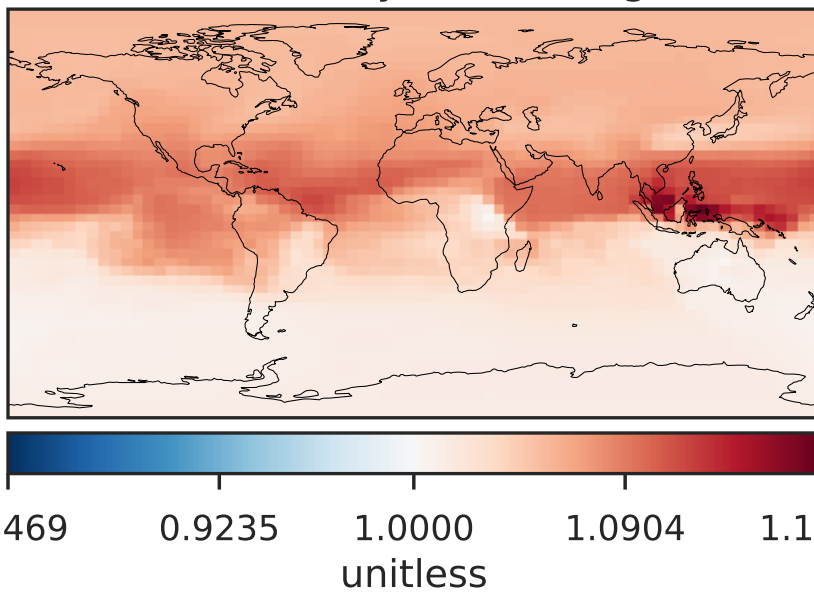
Difference  
Dev - Ref, Dynamic Range



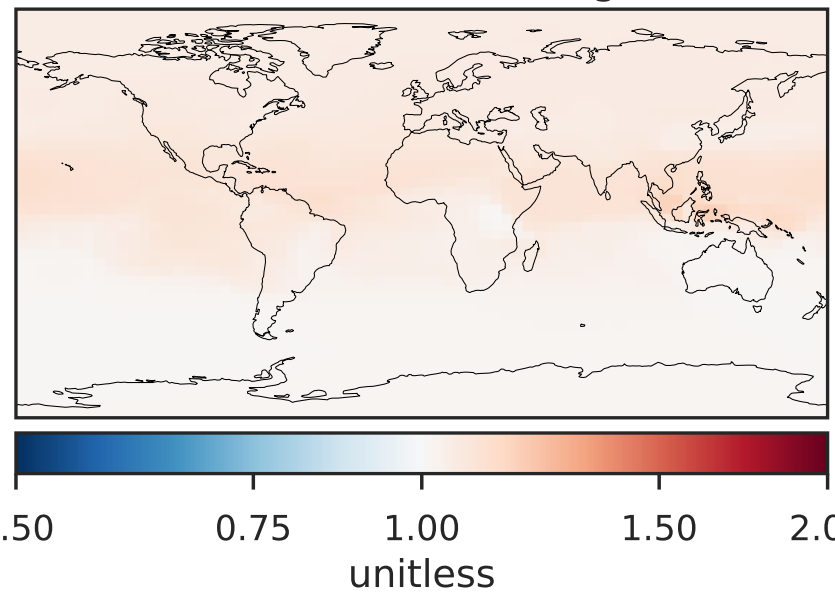
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

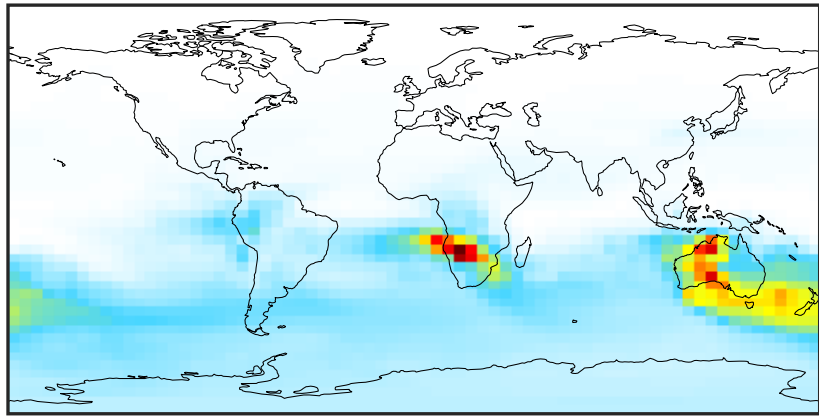


Ratio  
Dev/Ref, Fixed Range



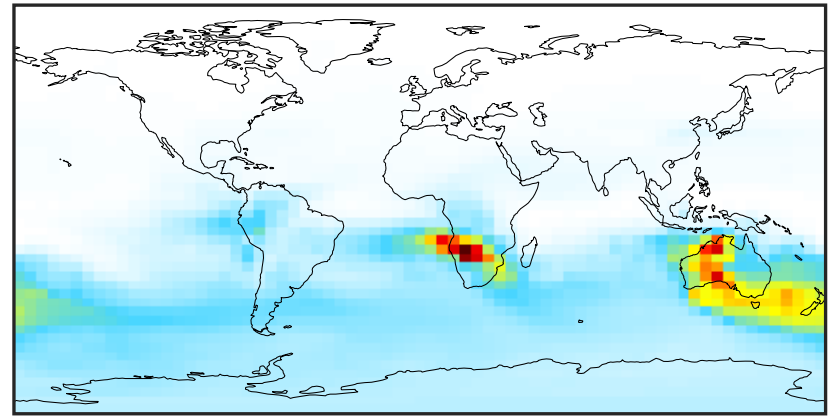
# SpeciesConcVV\_SOAIE (Jan2019)

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



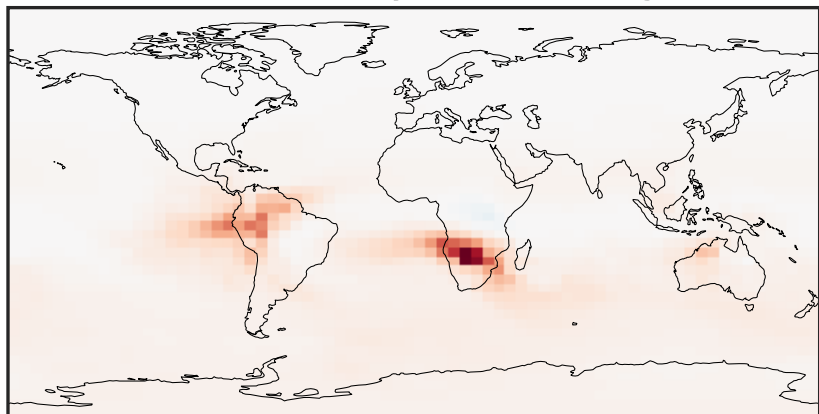
0.0003 0.0333 0.0664 0.0994 0.1325  
 $\mu\text{g}/\text{m}^3$

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



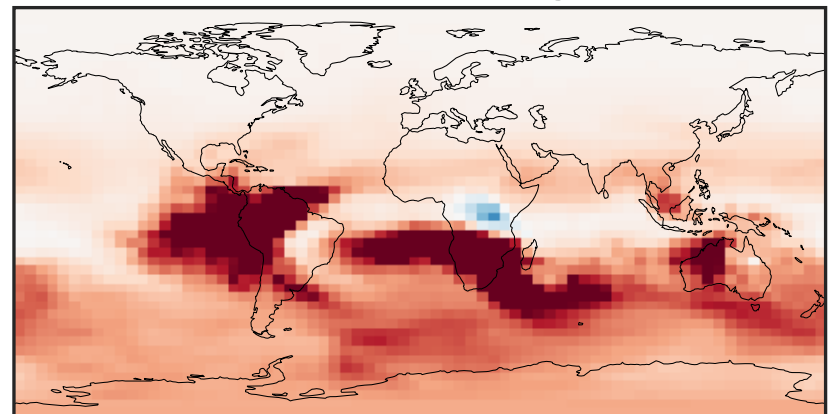
0.0003 0.0333 0.0664 0.0994 0.1325  
 $\mu\text{g}/\text{m}^3$

Difference  
Dev - Ref, Dynamic Range



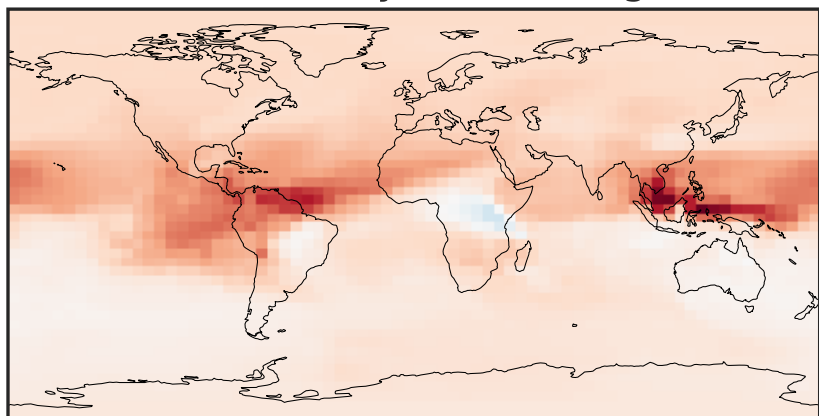
-0.0025 0.0000 0.0025  
 $\mu\text{g}/\text{m}^3$

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



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

Ratio  
Dev/Ref, Dynamic Range



0.8804 0.9402 1.0000 1.0679 1.1359  
unitless

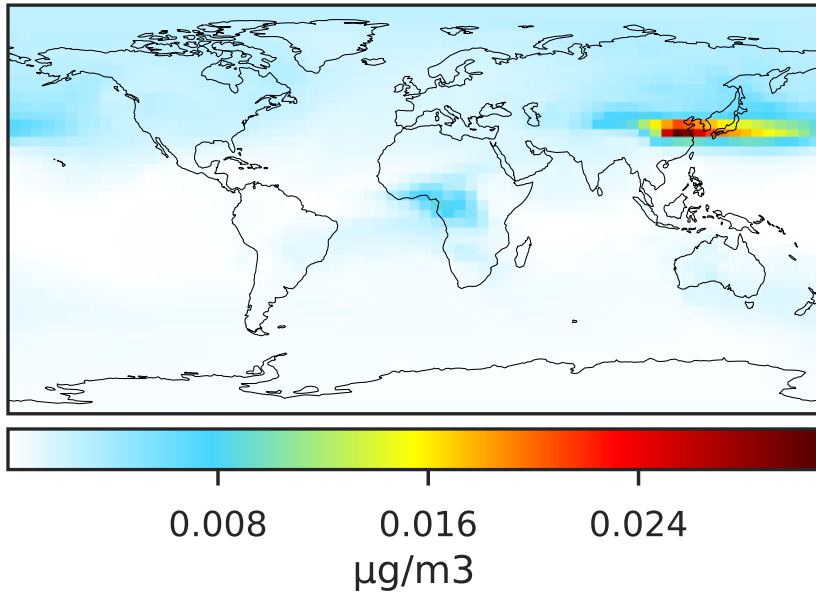
Ratio  
Dev/Ref, Fixed Range



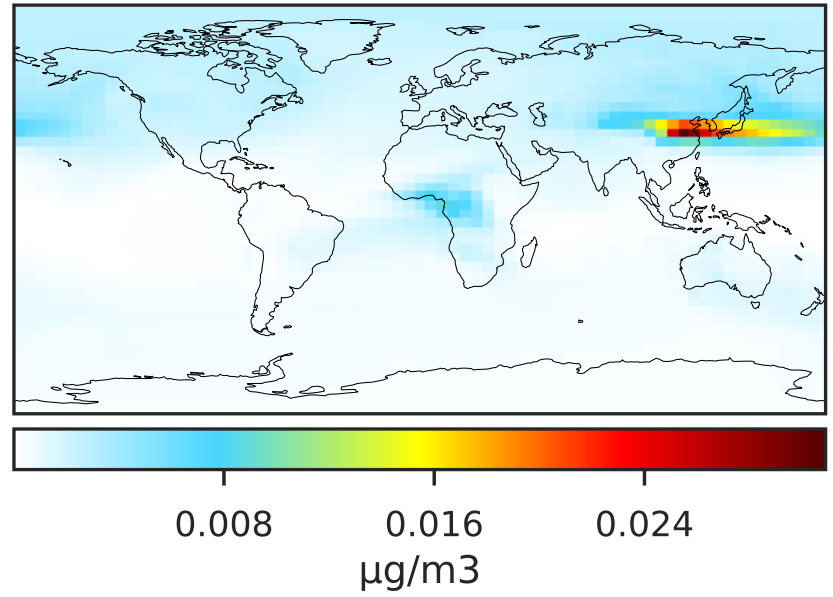
0.50 0.75 1.00 1.50 2.00  
unitless

# SpeciesConcVV\_SOAGX (Jan2019)

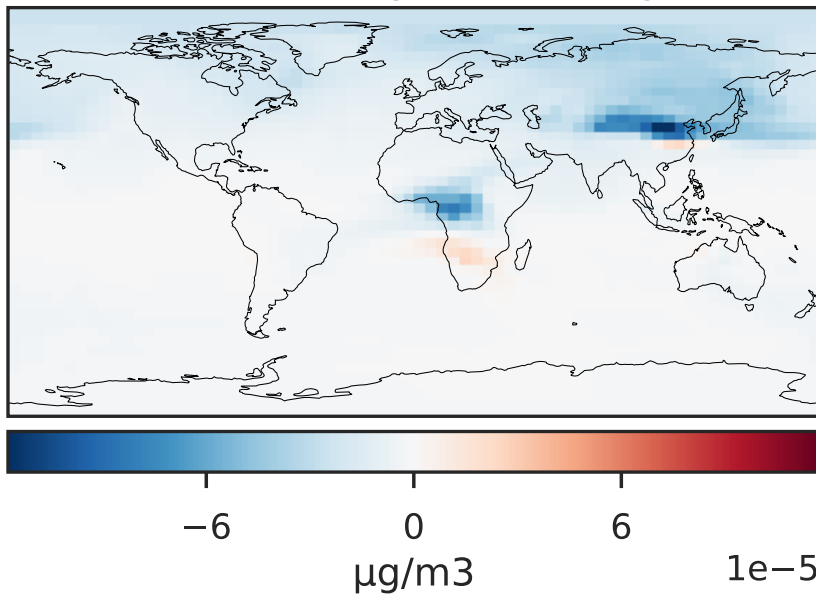
14.2.0-rc.2 (Ref)  
4.0x5.0



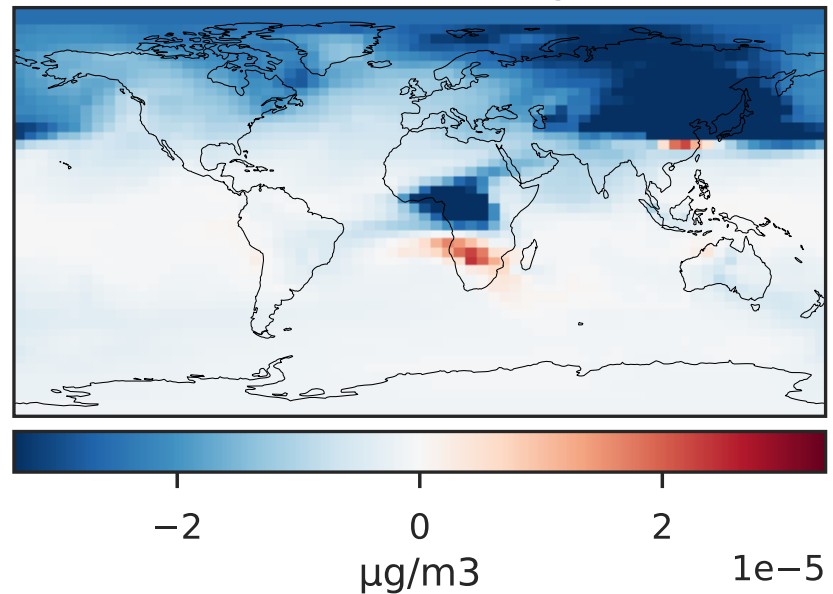
14.3.0-rc.0 (Dev)  
4.0x5.0



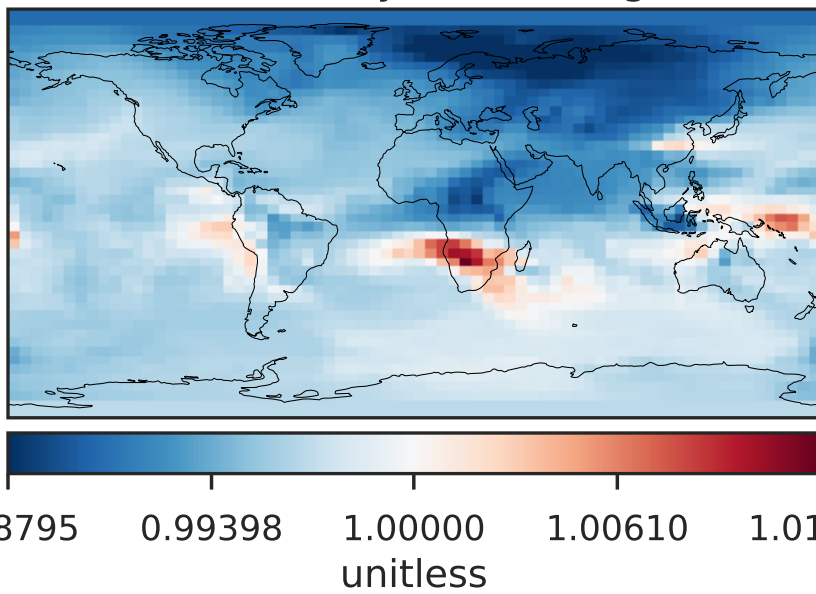
Difference  
Dev - Ref, Dynamic Range



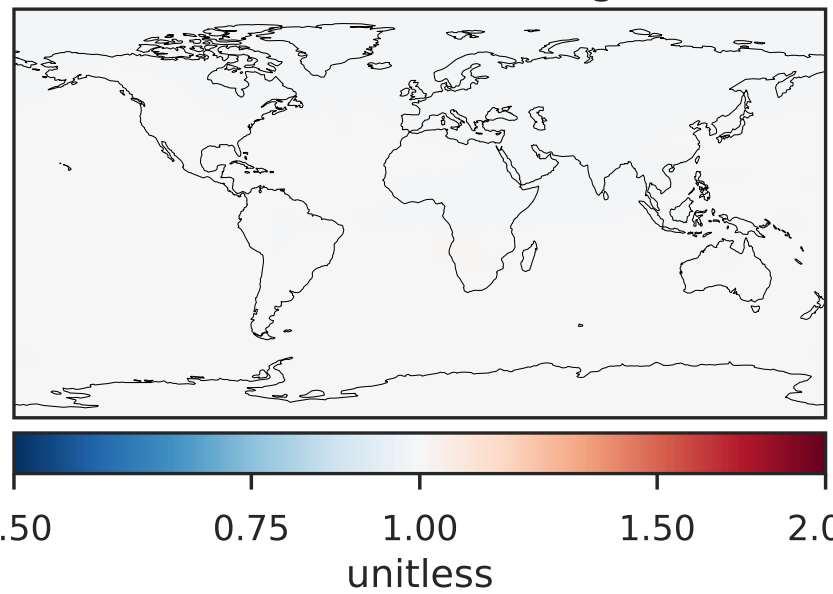
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

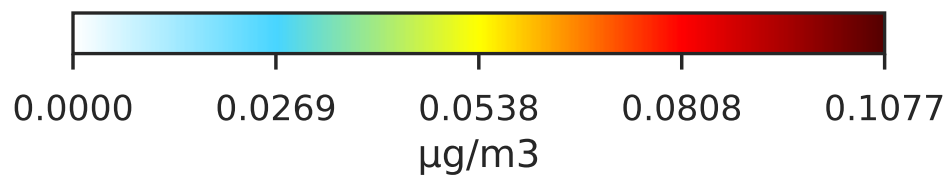
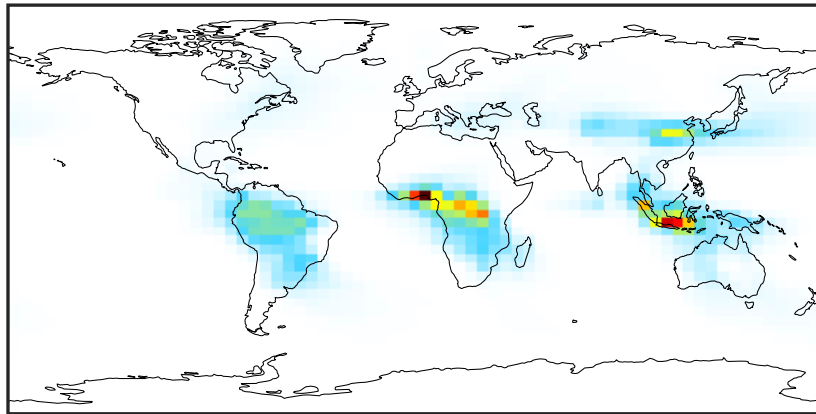


Ratio  
Dev/Ref, Fixed Range

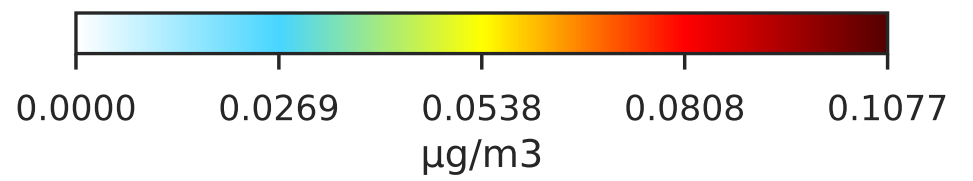
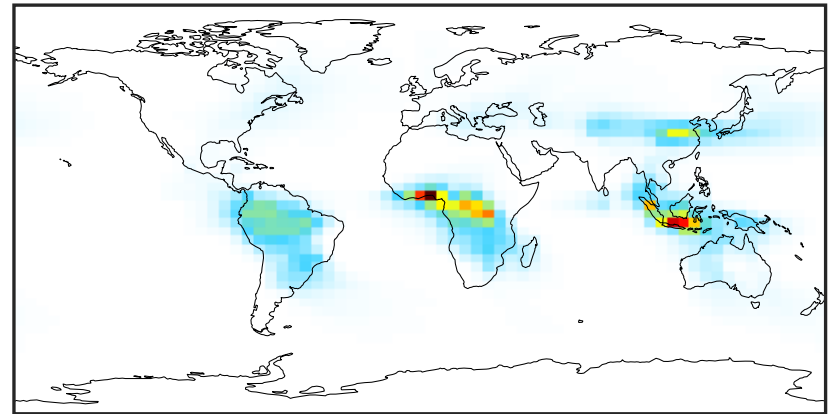


# SpeciesConcVV\_SOAP (Jan2019)

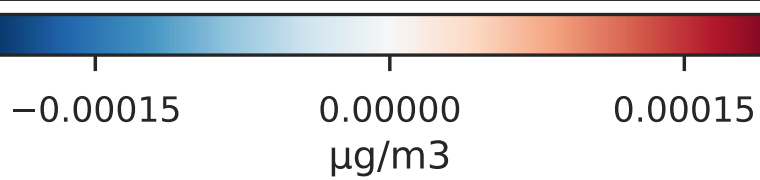
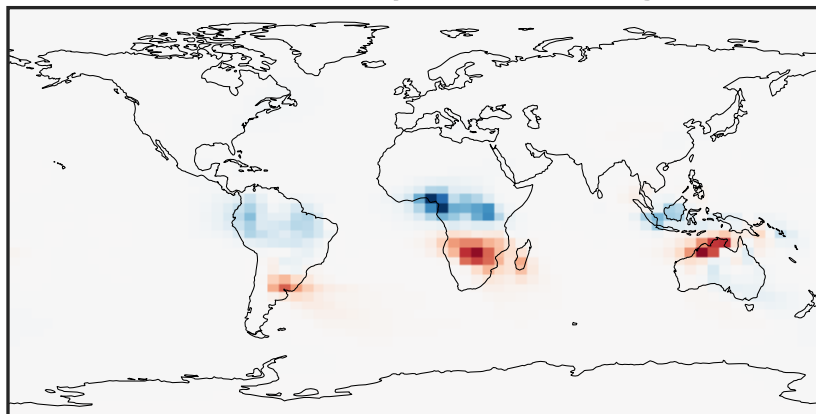
14.2.0-rc.2 (Ref)  
4.0x5.0



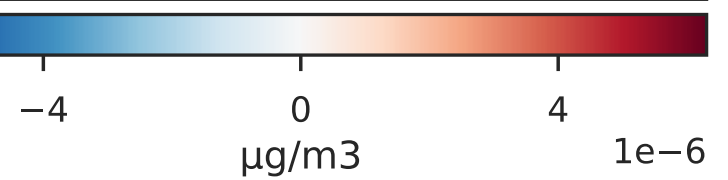
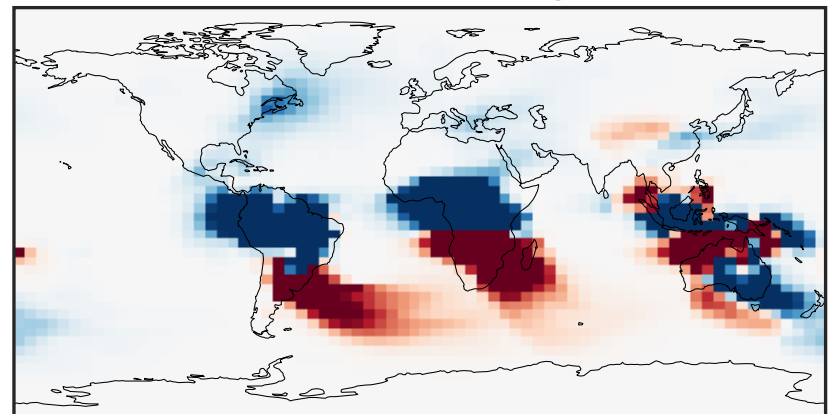
14.3.0-rc.0 (Dev)  
4.0x5.0



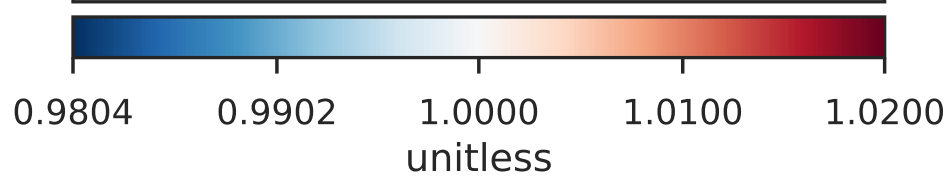
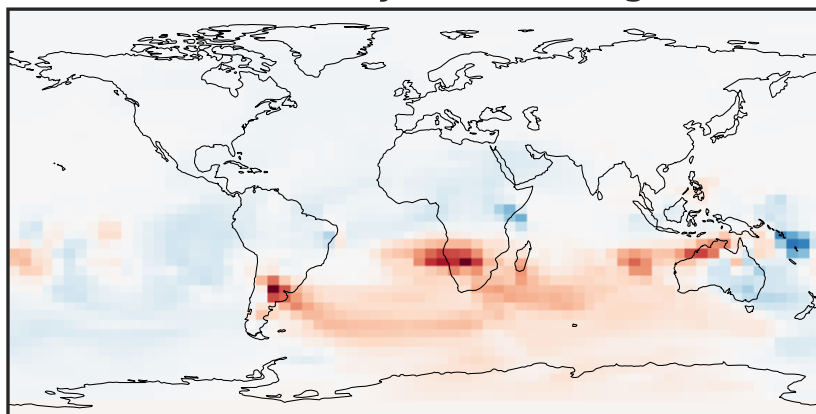
Difference  
Dev - Ref, Dynamic Range



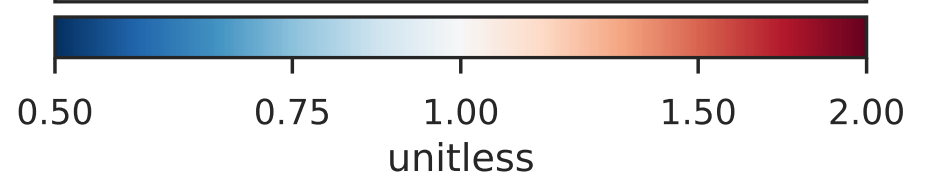
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

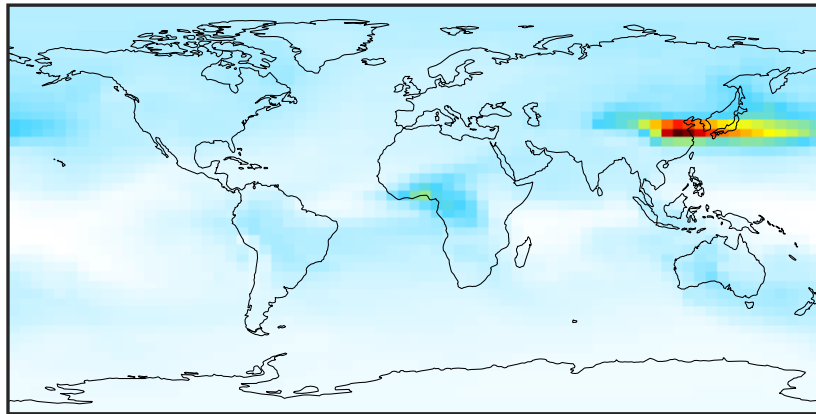


Ratio  
Dev/Ref, Fixed Range



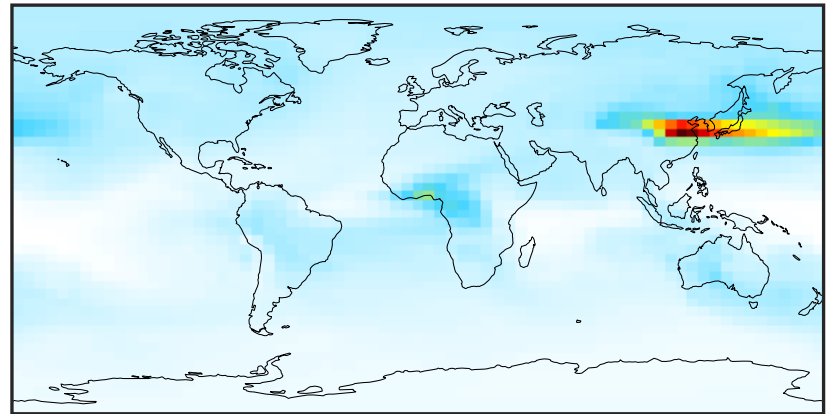
# SpeciesConcVV\_SOAS (Jan2019)

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



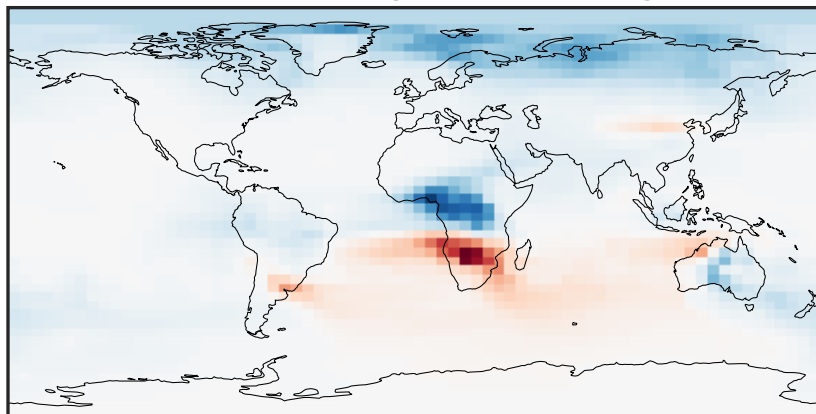
0.0011 0.1772 0.3533 0.5295 0.7056  
 $\mu\text{g}/\text{m}^3$

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



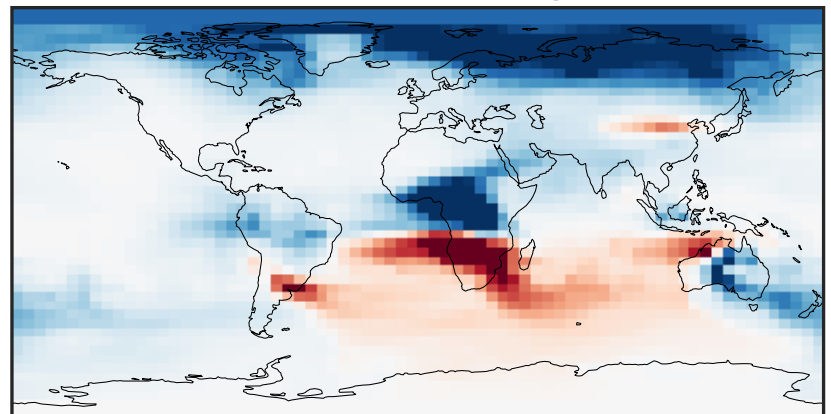
0.0011 0.1772 0.3533 0.5295 0.7056  
 $\mu\text{g}/\text{m}^3$

Difference  
Dev - Ref, Dynamic Range



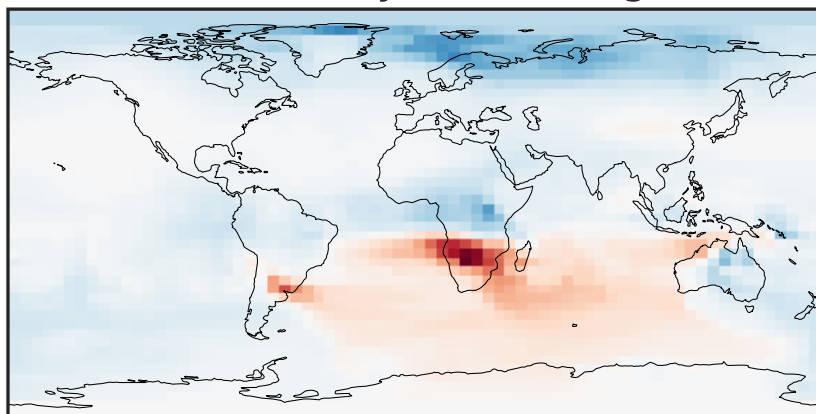
-0.0004 0.0000 0.0004  
 $\mu\text{g}/\text{m}^3$

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



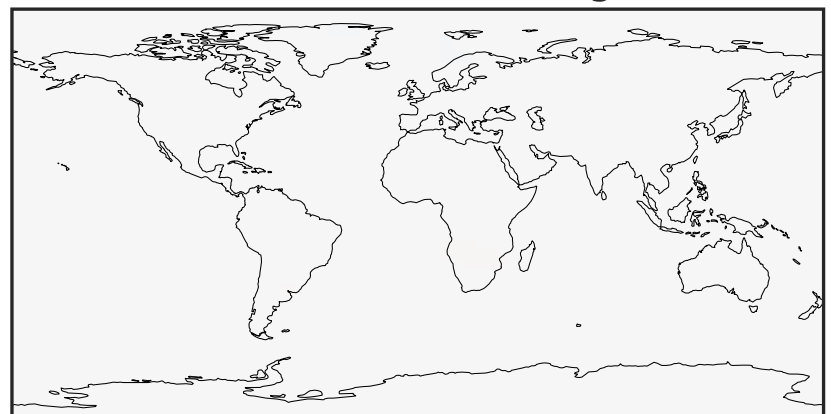
-0.00015 0.00000 0.00015  
 $\mu\text{g}/\text{m}^3$

Ratio  
Dev/Ref, Dynamic Range



0.99054 0.99527 1.00000 1.00478 1.00955  
unitless

Ratio  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless