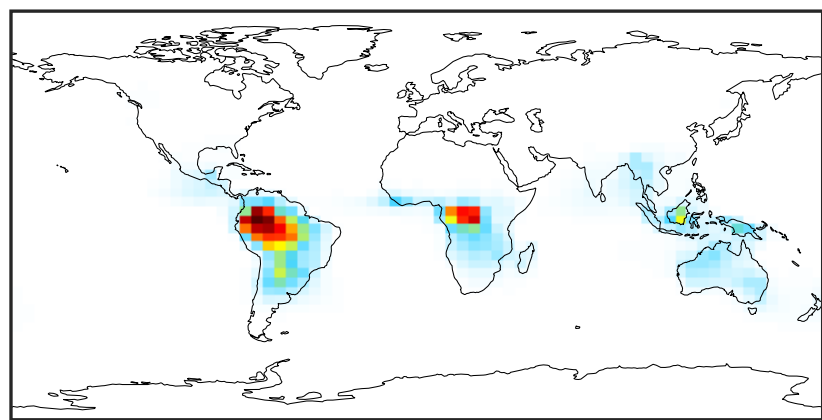


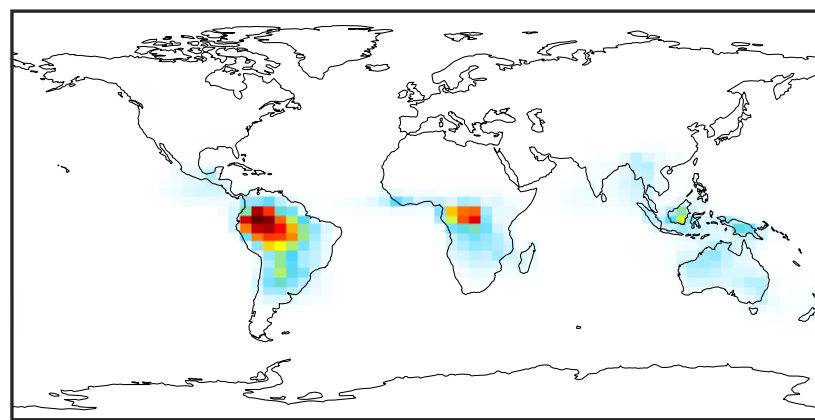
SpeciesConcVW_TSOA0 (Jan2019)

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



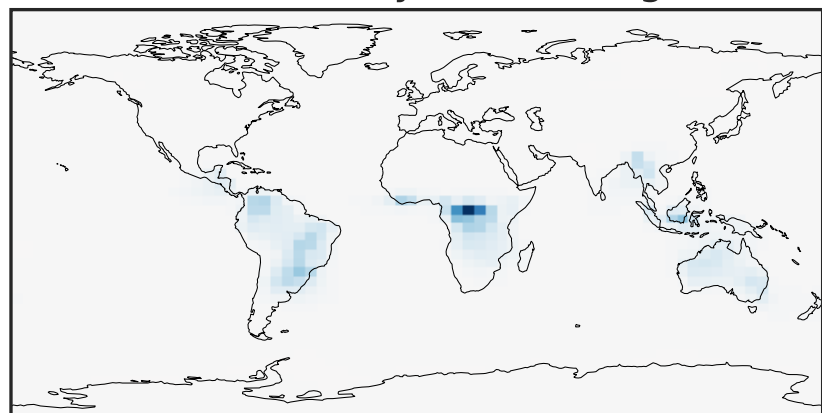
0.000 0.471 0.943 1.414 1.886
 $\mu\text{g}/\text{m}^3$

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



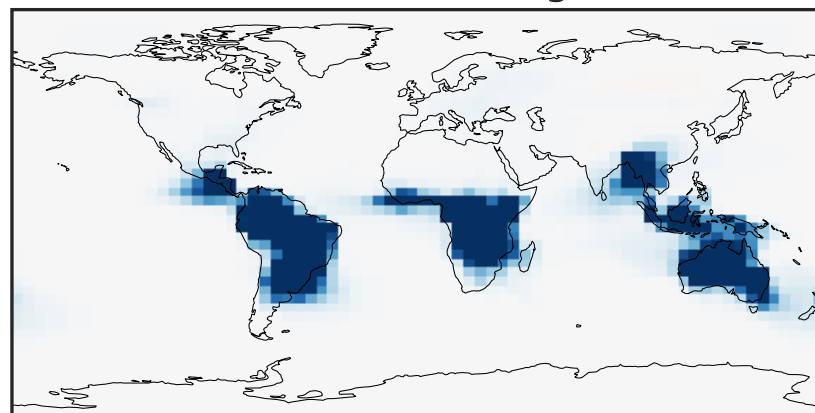
0.000 0.471 0.943 1.414 1.886
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



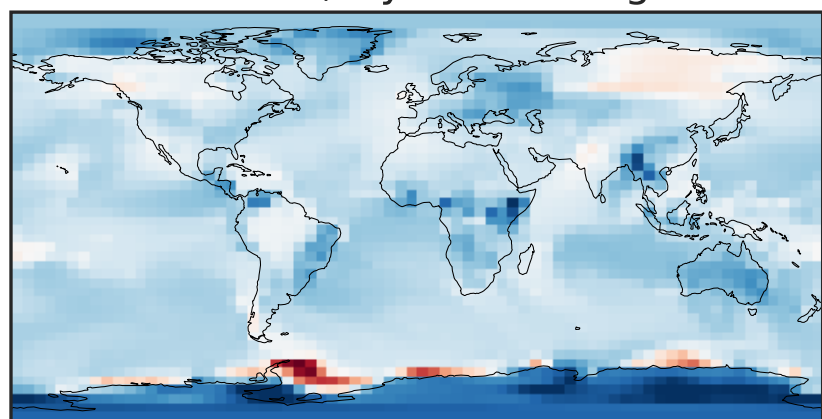
-0.1846 -0.0923 0.0000 0.0923 0.1846
 $\mu\text{g}/\text{m}^3$

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



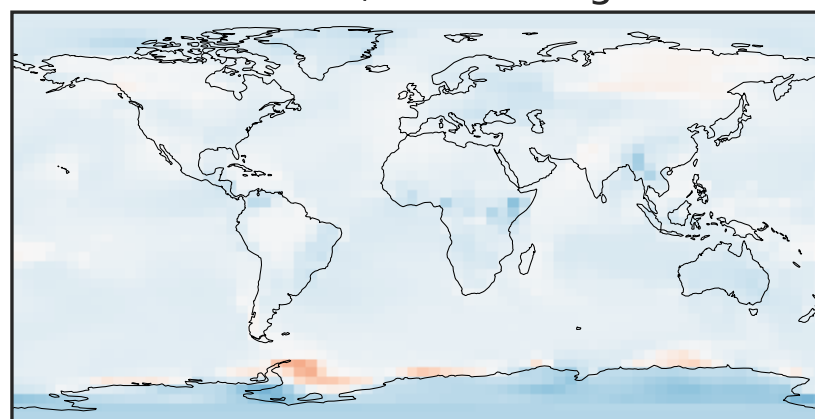
-0.005 0.000 0.005
 $\mu\text{g}/\text{m}^3$

Ratio
Dev/Ref, Dynamic Range



0.7746 0.8873 1.0000 1.1455 1.2910
unitless

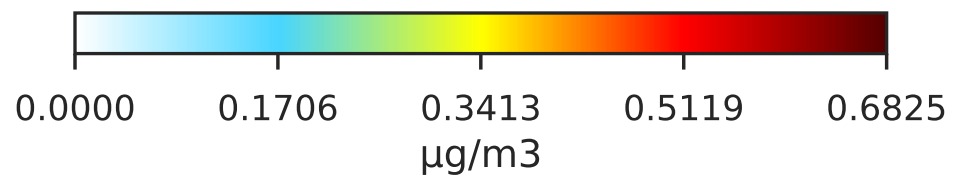
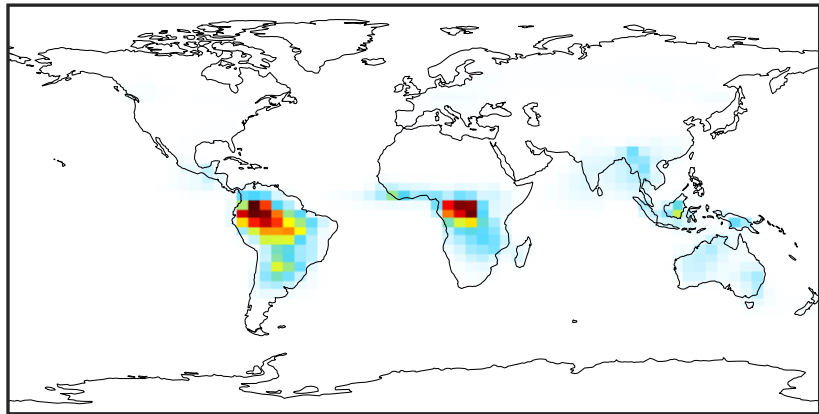
Ratio
Dev/Ref, Fixed Range



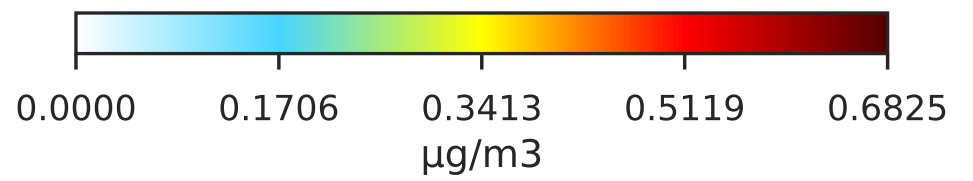
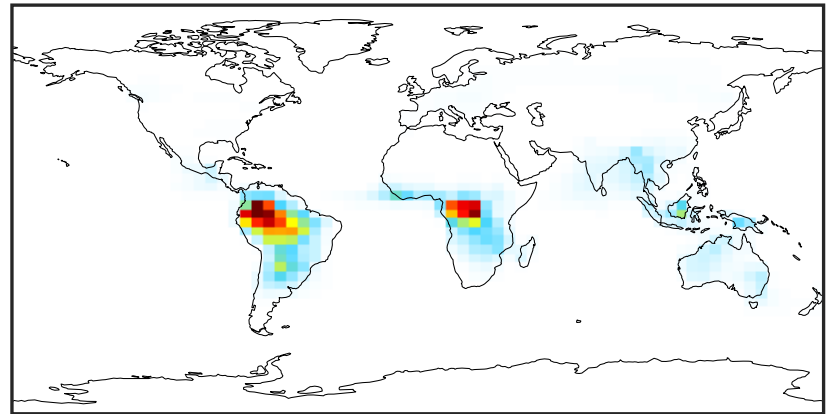
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVW_TSOA1 (Jan2019)

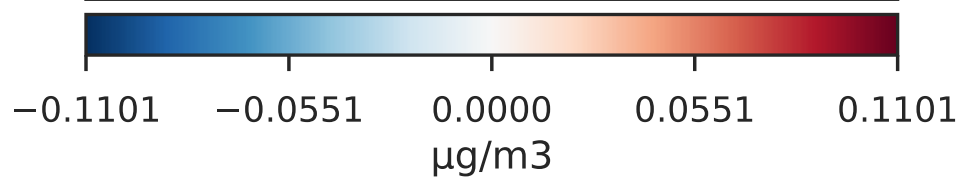
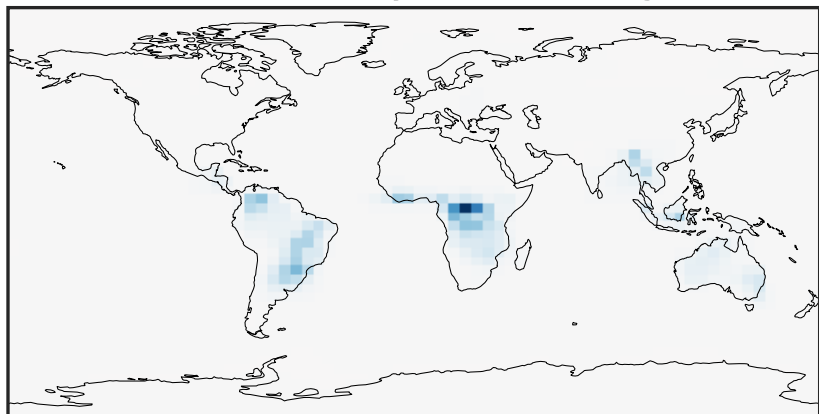
14.2.0-rc.2 (Ref)
4.0x5.0



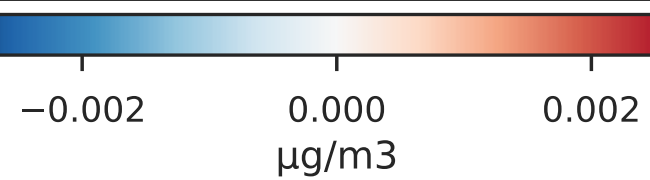
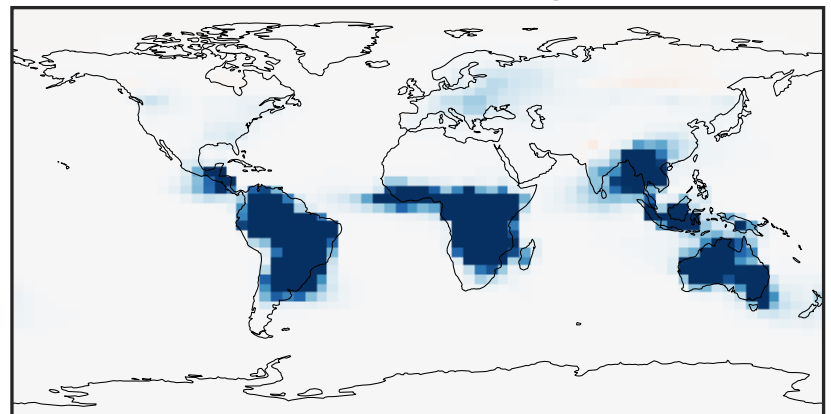
14.3.0-rc.0 (Dev)
4.0x5.0



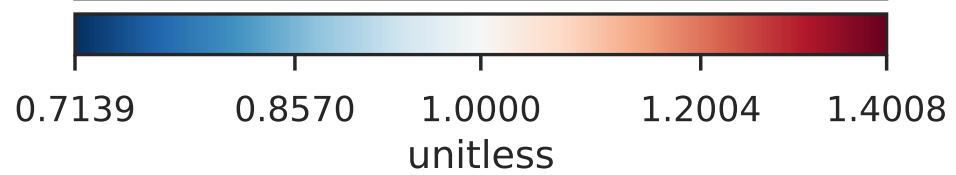
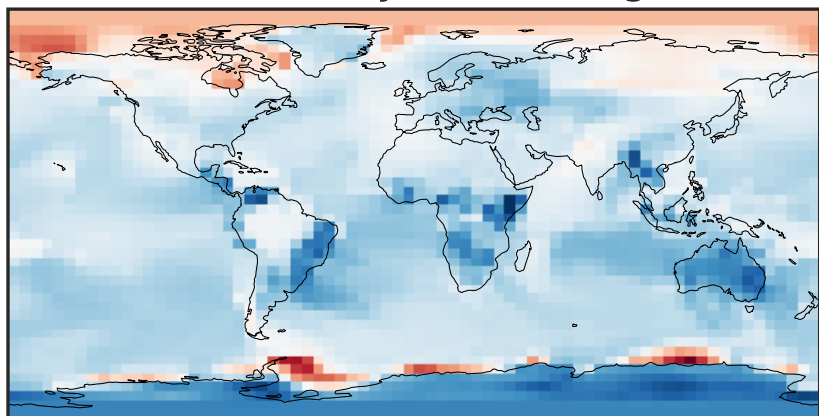
Difference
Dev - Ref, Dynamic Range



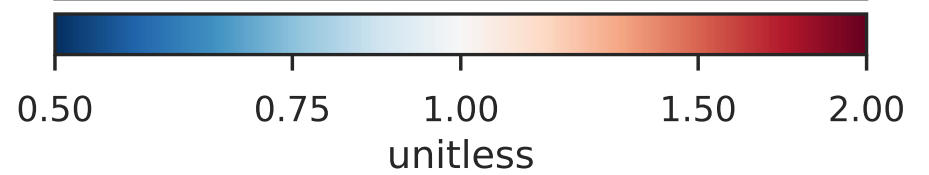
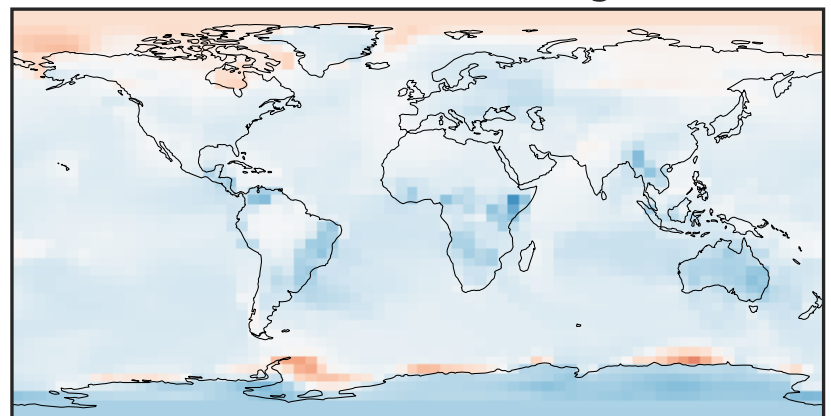
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

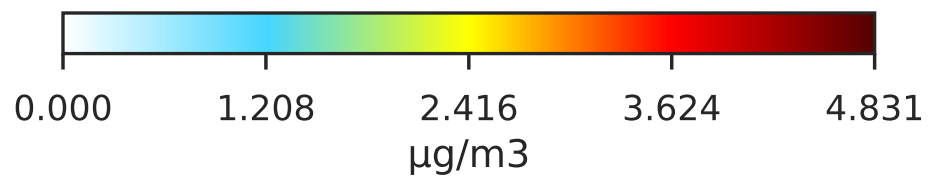
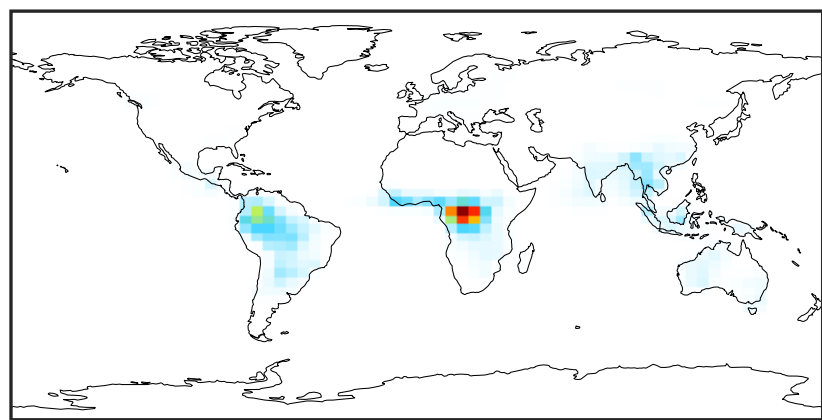


Ratio
Dev/Ref, Fixed Range

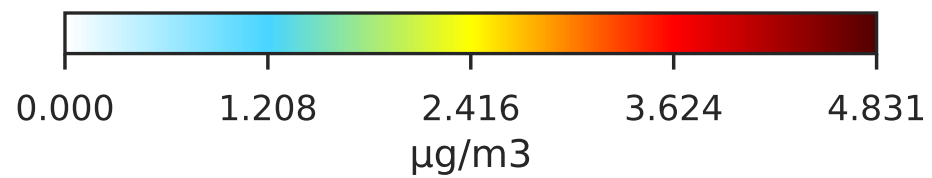
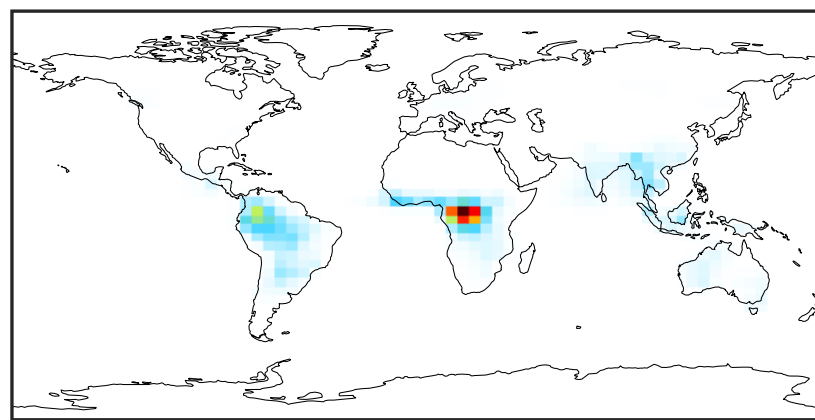


SpeciesConcVW_TSOA2 (Jan2019)

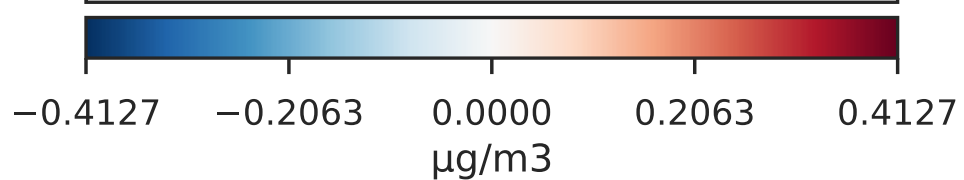
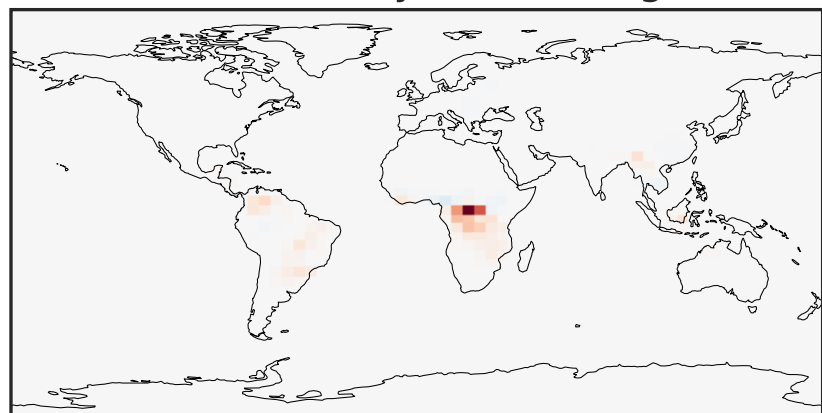
14.2.0-rc.2 (Ref)
4.0x5.0



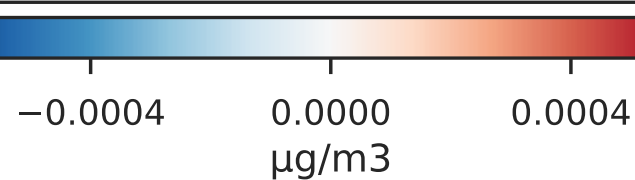
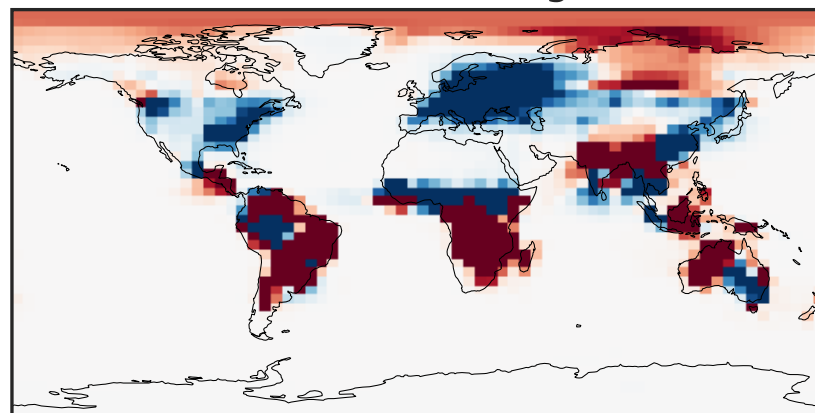
14.3.0-rc.0 (Dev)
4.0x5.0



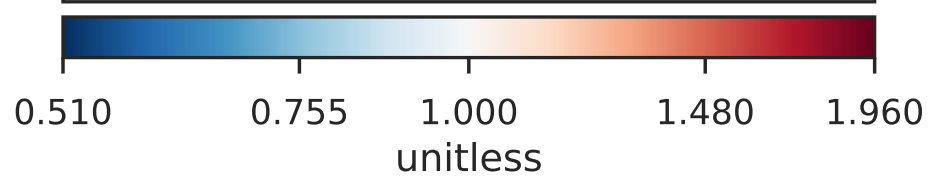
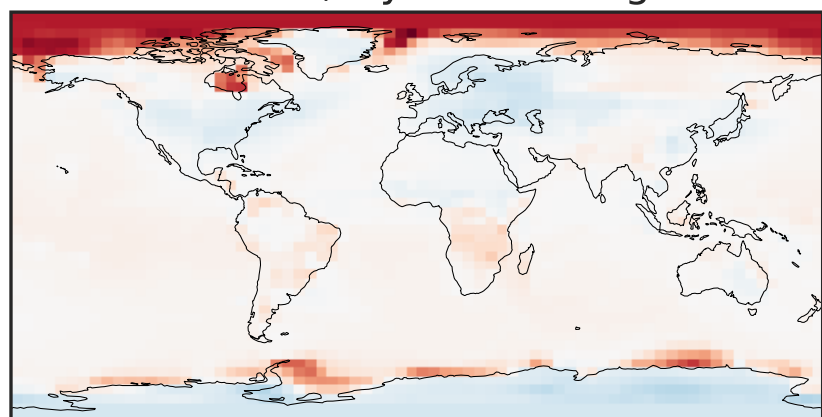
Difference
Dev - Ref, Dynamic Range



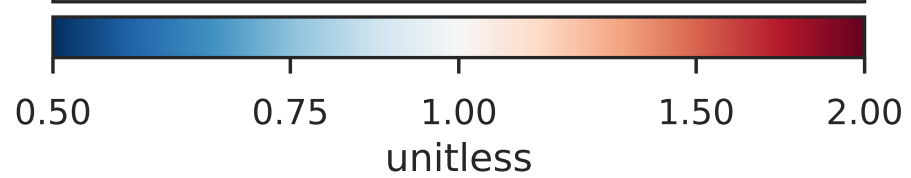
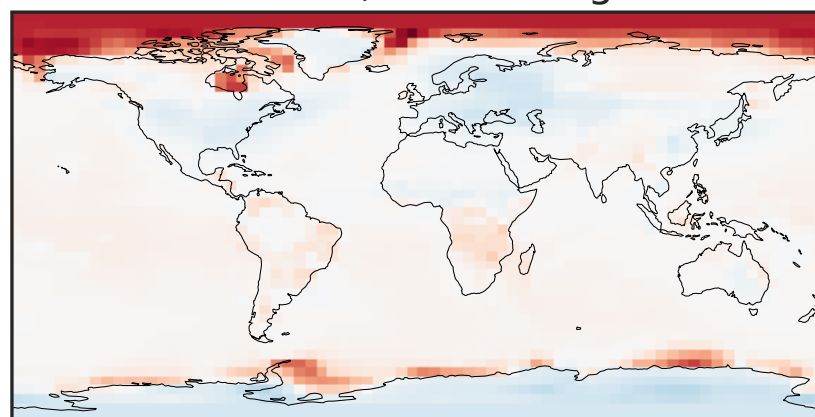
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

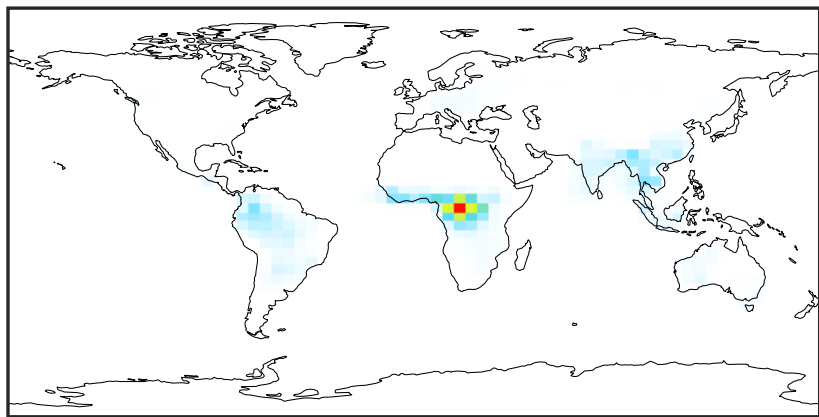


Ratio
Dev/Ref, Fixed Range



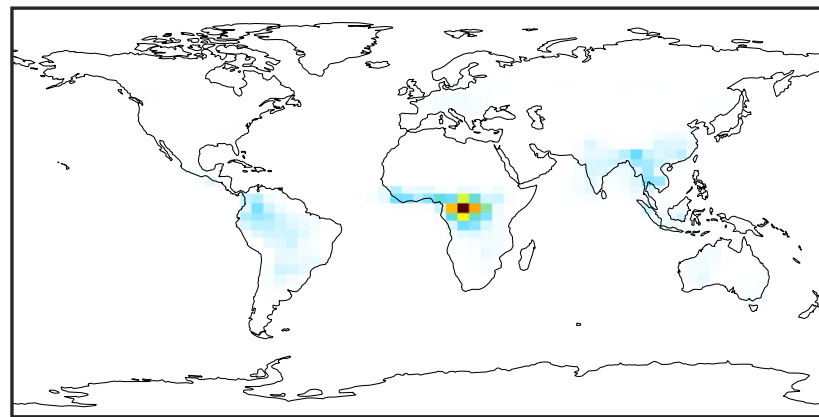
SpeciesConcVW_TSOA3 (Jan2019)

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



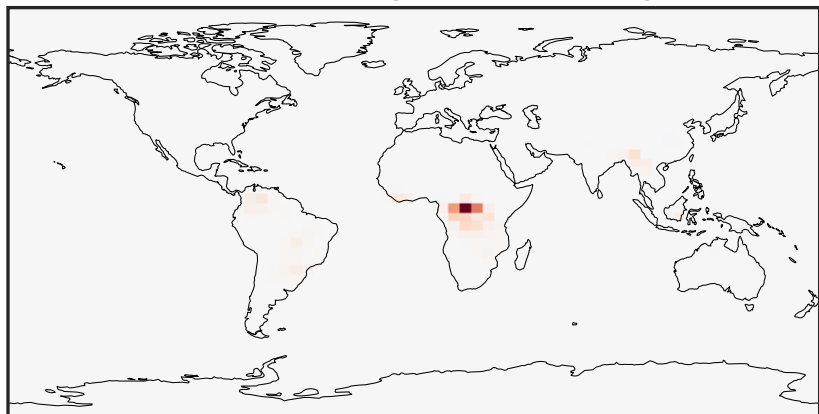
0.000 0.553 1.105 1.658 2.210
µg/m3

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



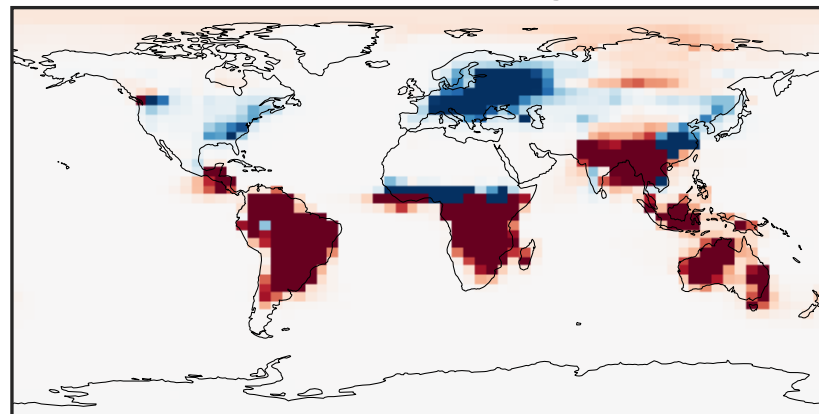
0.000 0.553 1.105 1.658 2.210
µg/m3

Difference
Dev - Ref, Dynamic Range



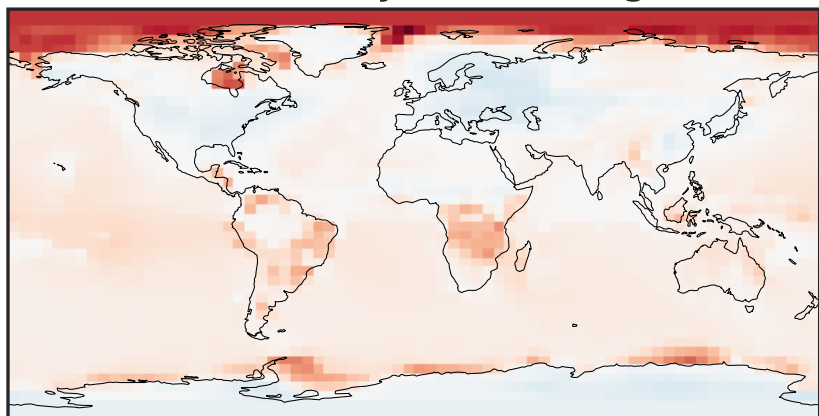
-0.586 -0.293 0.000 0.293 0.586
µg/m3

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



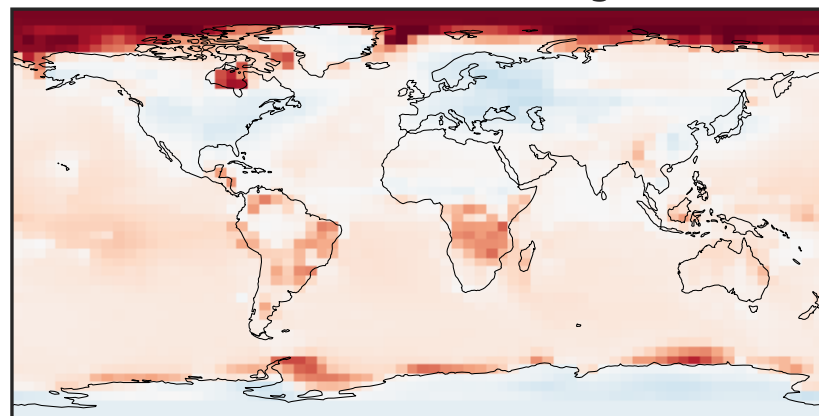
-0.0005 0.0000 0.0005
µg/m3

Ratio
Dev/Ref, Dynamic Range



0.402 0.701 1.000 1.744 2.488
unitless

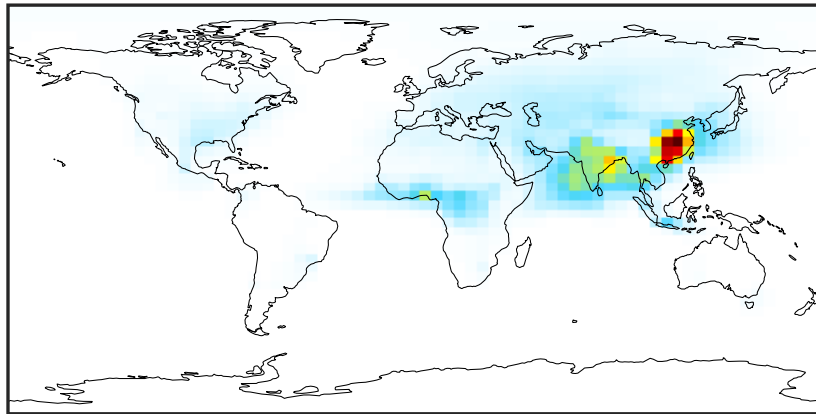
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

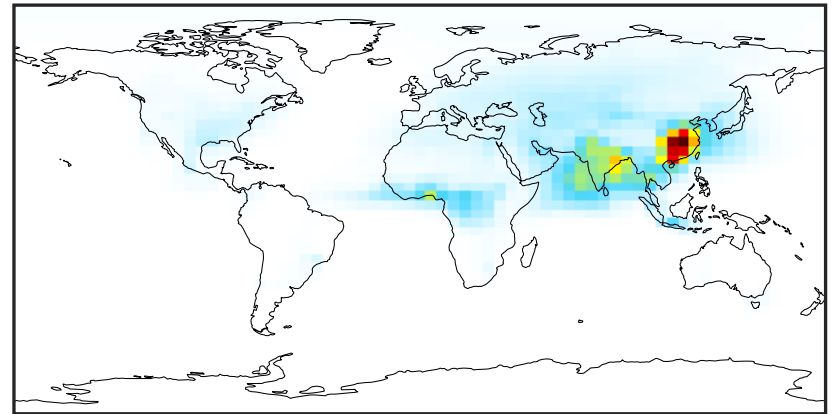
SpeciesConcVV_ASOA1 (Jan2019)

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



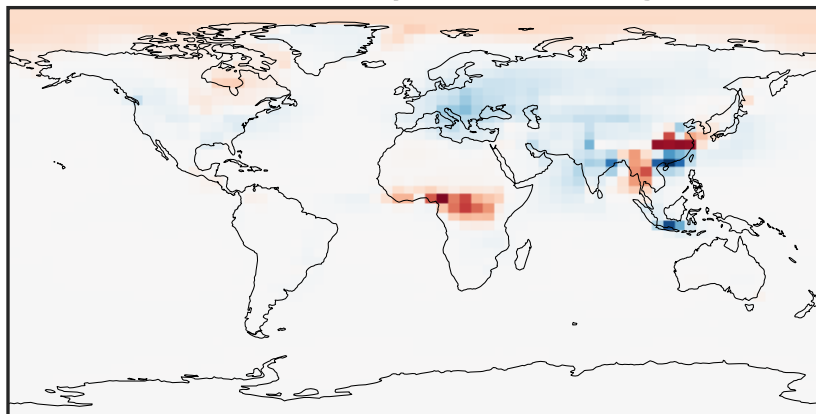
0.0000 0.0460 0.0921 0.1381 0.1841
 $\mu\text{g}/\text{m}^3$

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



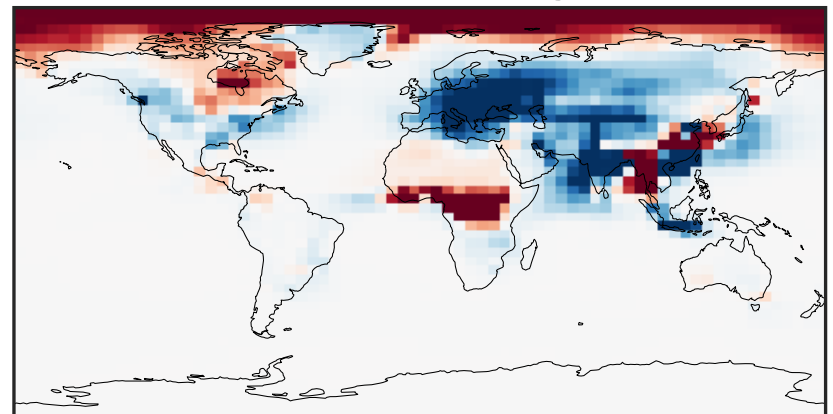
0.0000 0.0460 0.0921 0.1381 0.1841
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



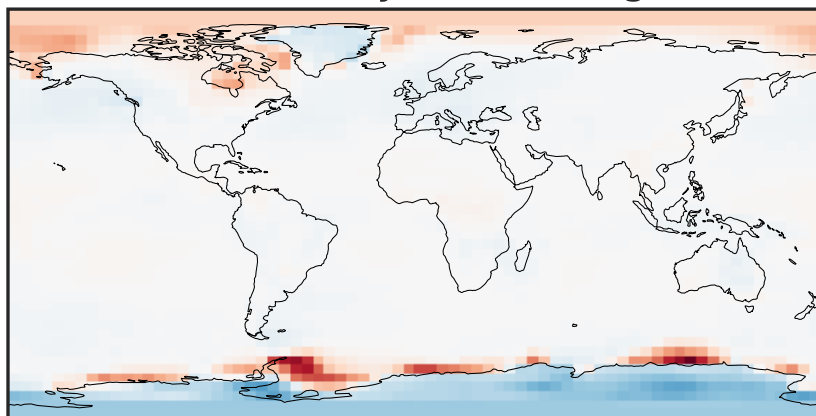
-0.0005 0.0000 0.0005
 $\mu\text{g}/\text{m}^3$

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



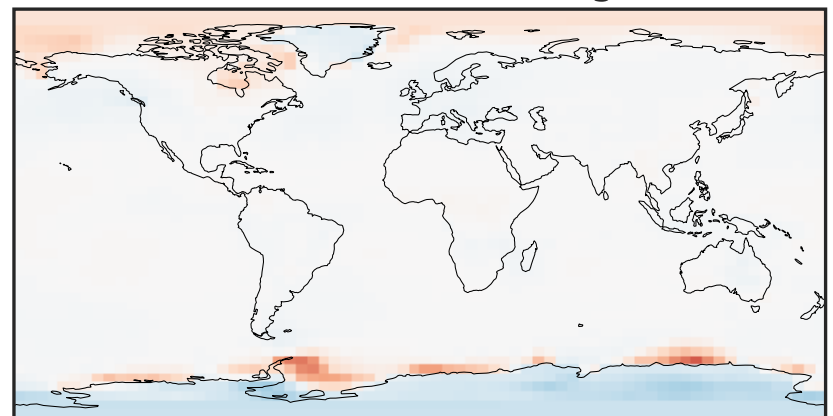
-8 0 8
 $\mu\text{g}/\text{m}^3$ $1\text{e}-5$

Ratio
Dev/Ref, Dynamic Range



0.6551 0.8276 1.0000 1.2632 1.5265
unitless

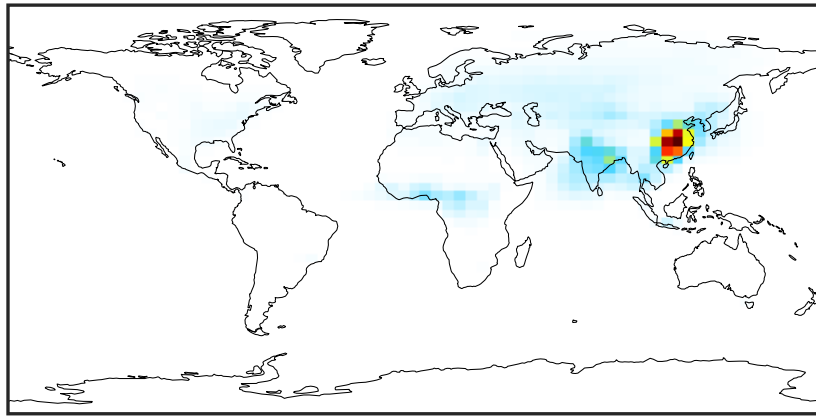
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

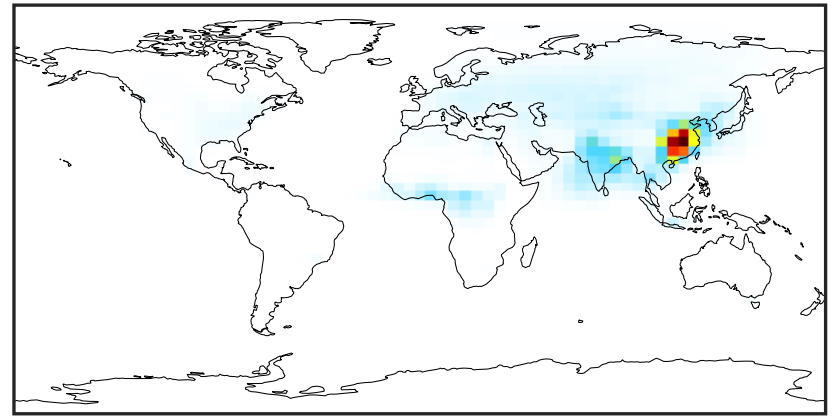
SpeciesConcVV_ASOA2 (Jan2019)

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



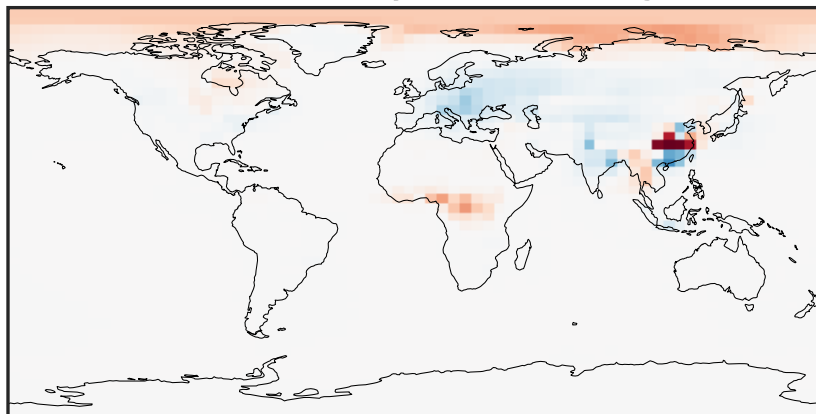
0.0000 0.0648 0.1296 0.1944 0.2593
 $\mu\text{g}/\text{m}^3$

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



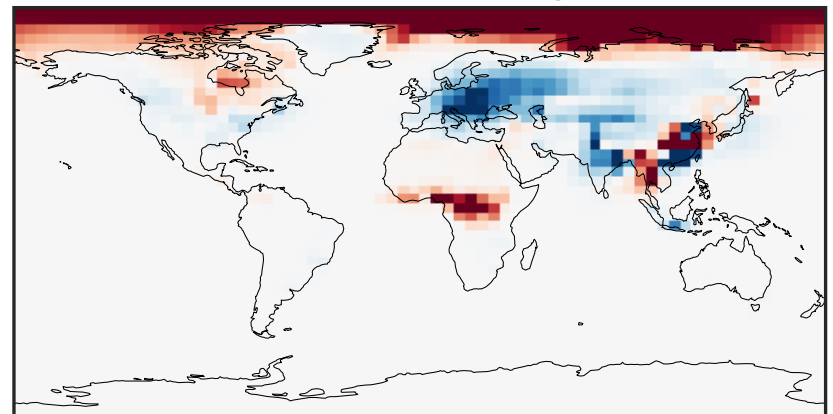
0.0000 0.0648 0.1296 0.1944 0.2593
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



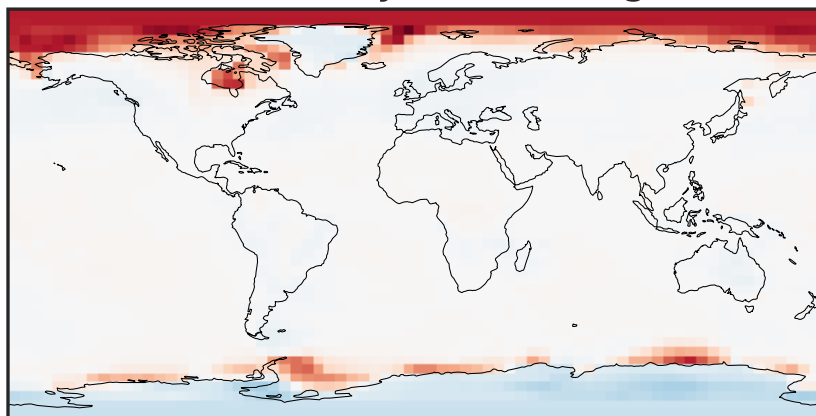
-0.0006 0.0000 0.0006
 $\mu\text{g}/\text{m}^3$

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



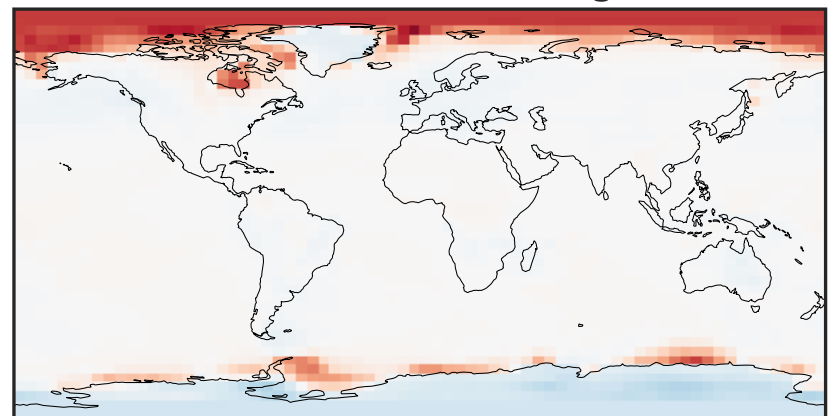
-0.00015 0.00000 0.00015
 $\mu\text{g}/\text{m}^3$

Ratio
Dev/Ref, Dynamic Range



0.539 0.769 1.000 1.428 1.856
unitless

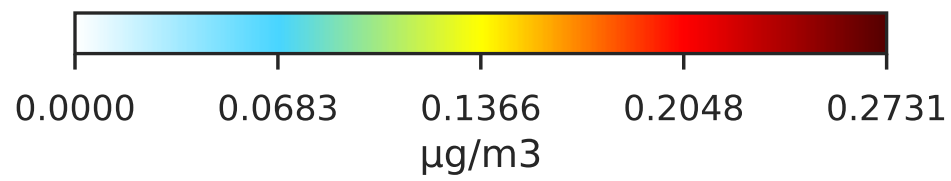
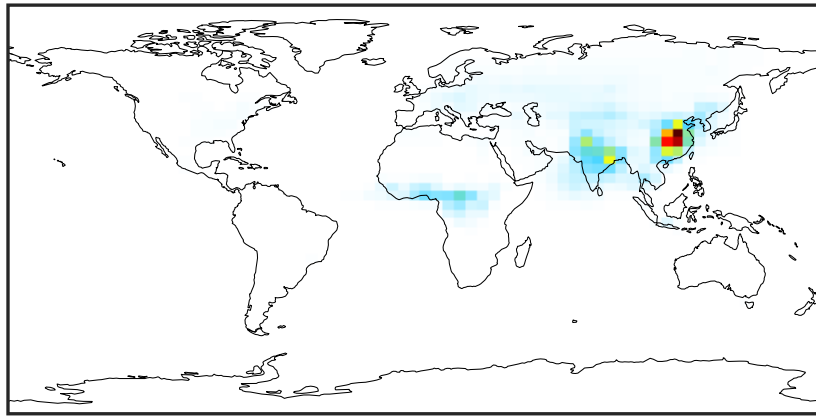
Ratio
Dev/Ref, Fixed Range



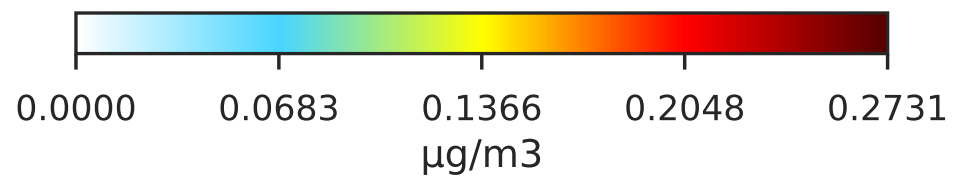
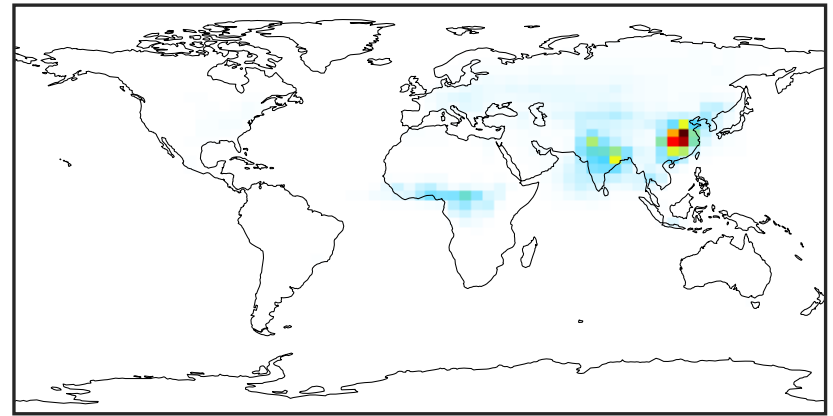
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_ASOA3 (Jan2019)

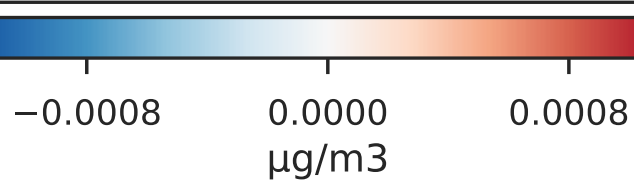
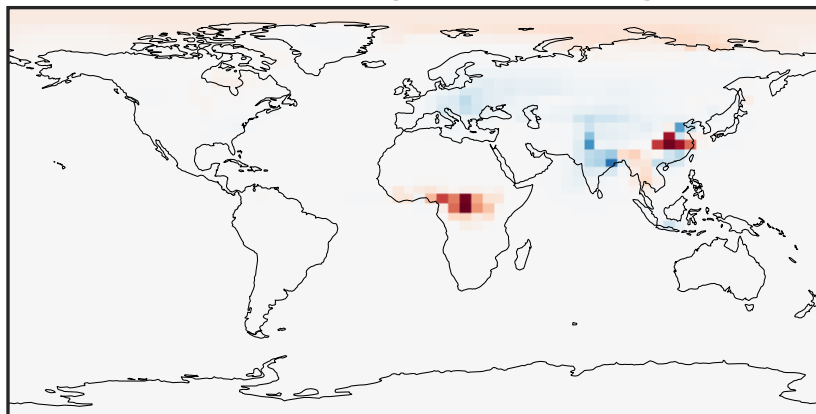
14.2.0-rc.2 (Ref)
4.0x5.0



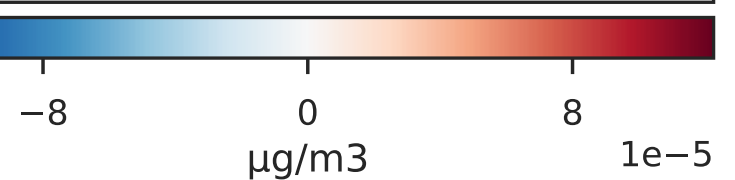
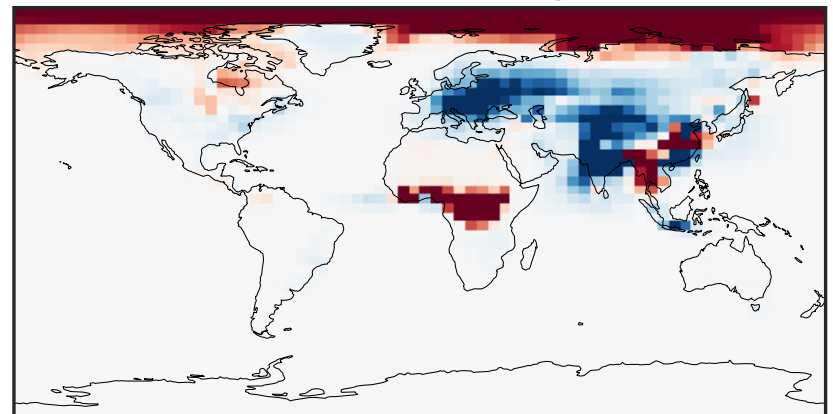
14.3.0-rc.0 (Dev)
4.0x5.0



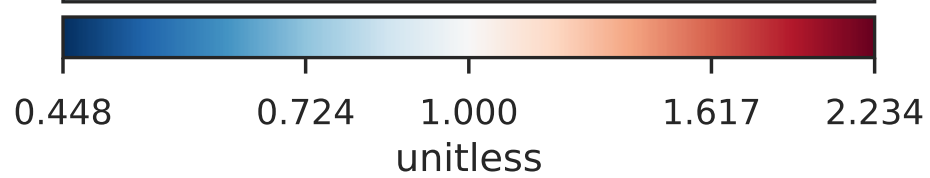
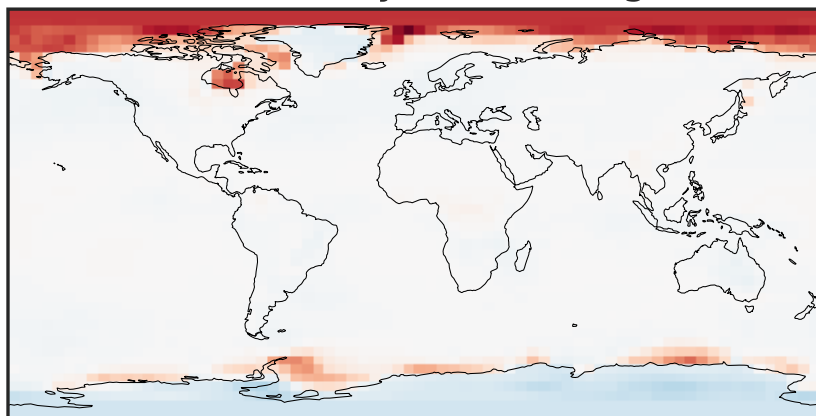
Difference
Dev - Ref, Dynamic Range



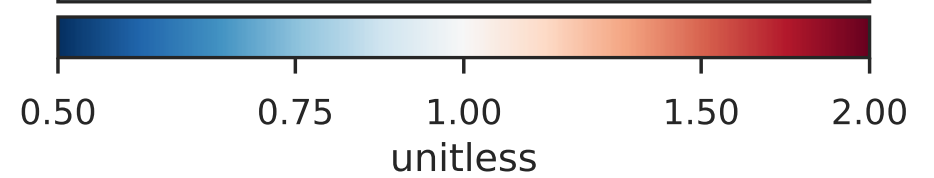
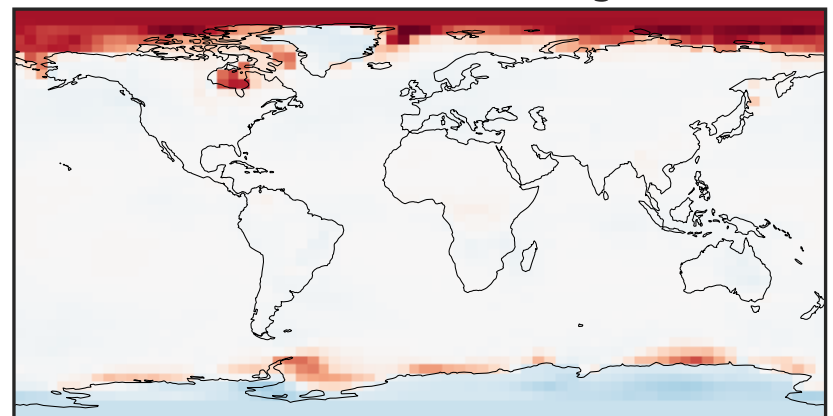
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

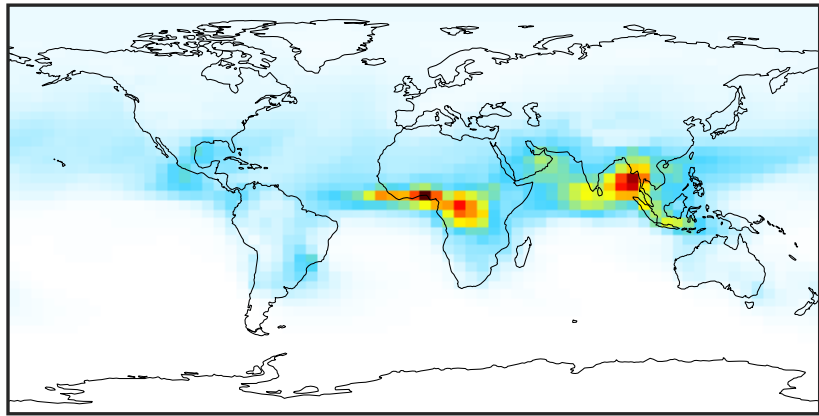


Ratio
Dev/Ref, Fixed Range



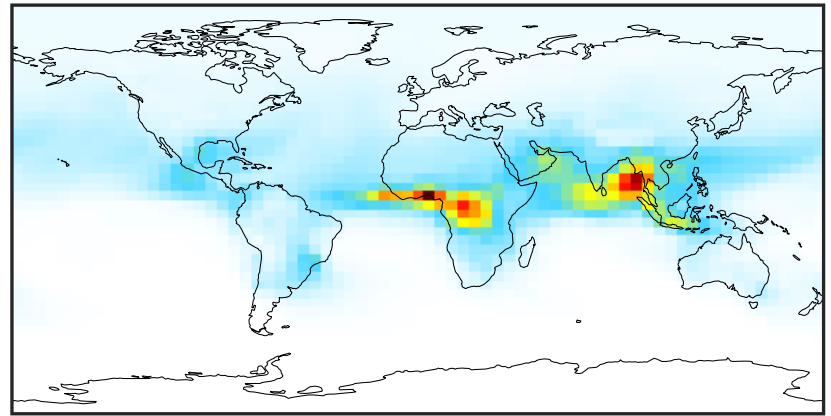
SpeciesConcVV_ASOAN (Jan2019)

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



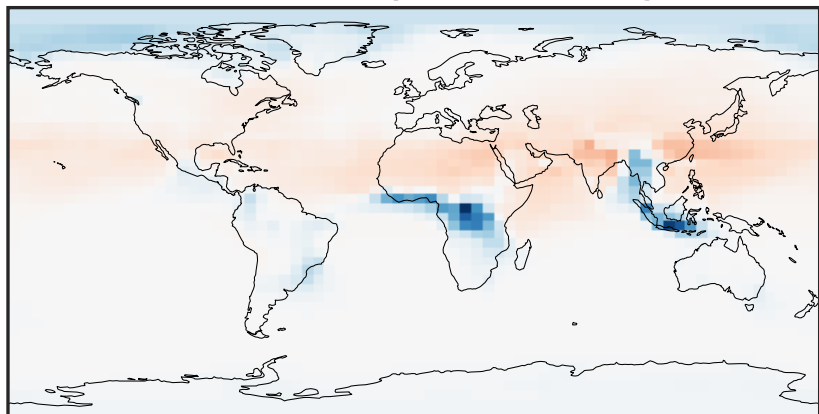
0.0003 0.0648 0.1292 0.1936 0.2580
 $\mu\text{g}/\text{m}^3$

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



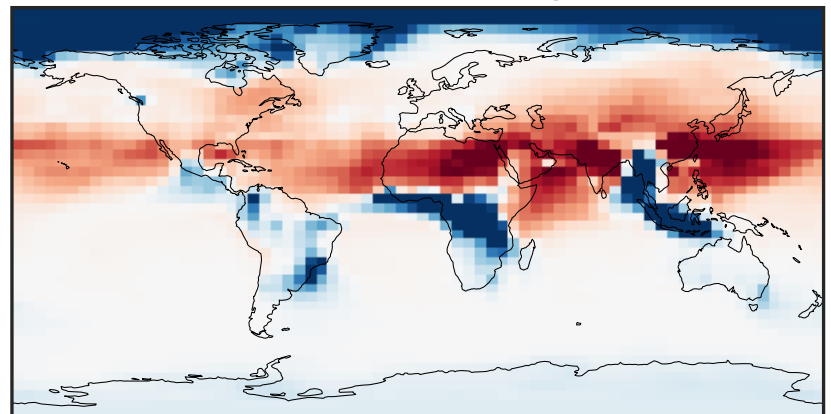
0.0003 0.0648 0.1292 0.1936 0.2580
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



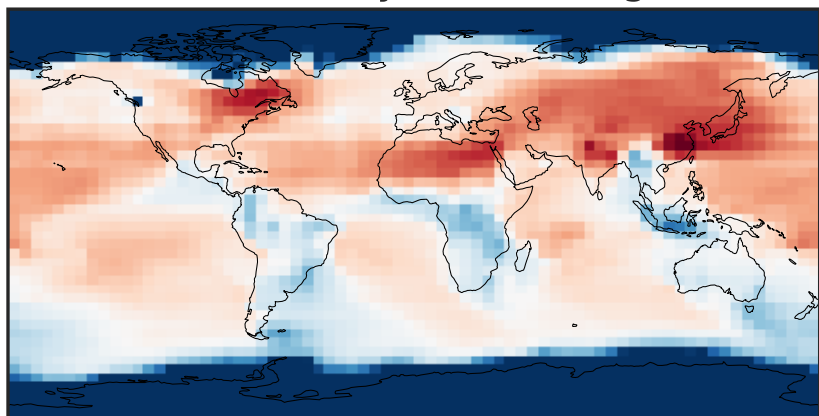
-0.002 0.000 0.002
 $\mu\text{g}/\text{m}^3$

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



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

Ratio
Dev/Ref, Dynamic Range



0.95893 0.97947 1.00000 1.02141 1.04283
unitless

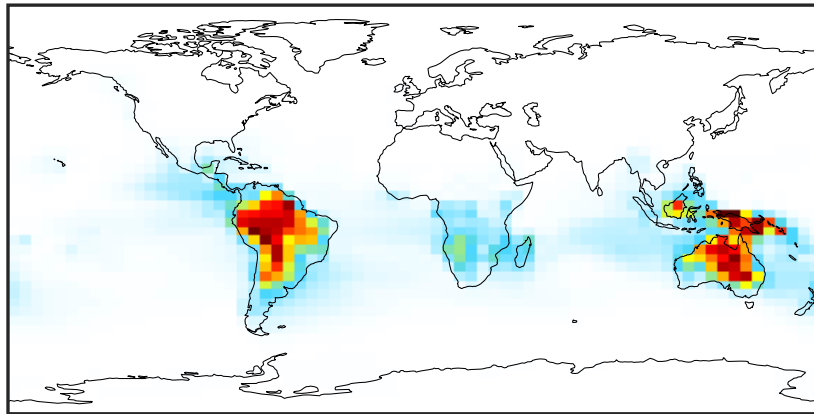
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

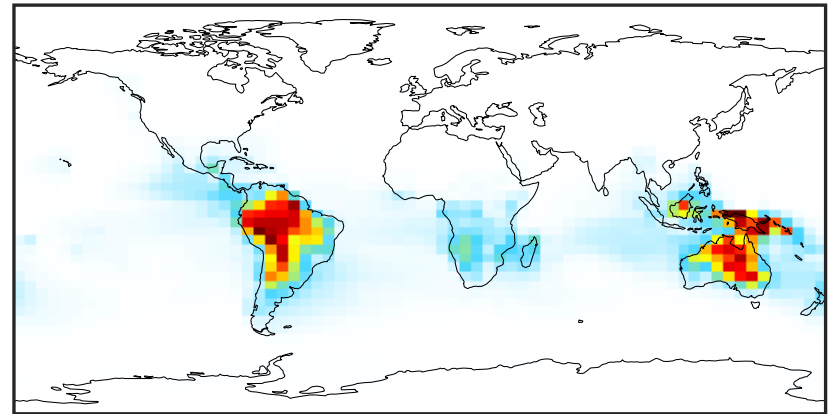
SpeciesConcVV_TSOG0 (Jan2019)

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



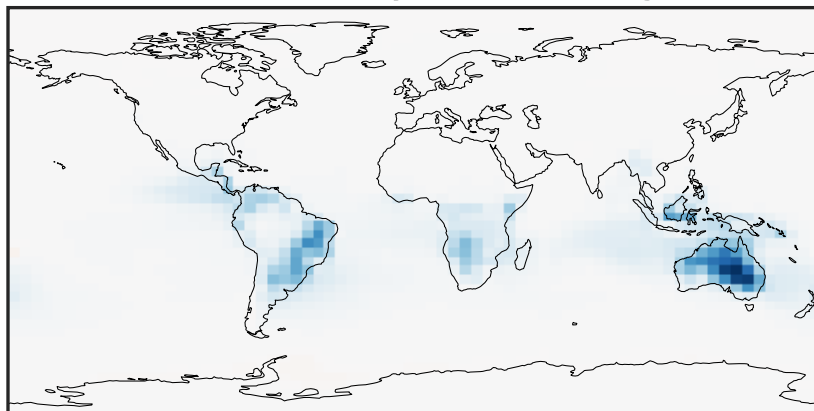
0.015 0.030 0.045
µg/m³

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



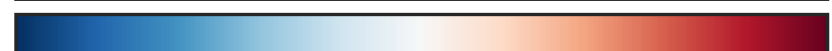
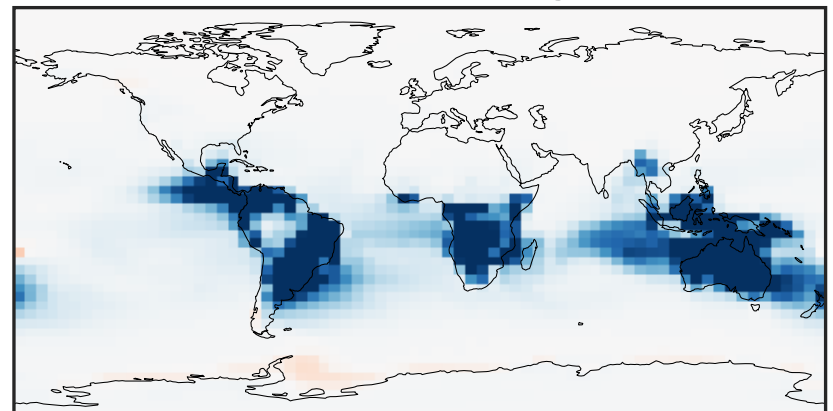
0.015 0.030 0.045
µg/m³

Difference
Dev - Ref, Dynamic Range



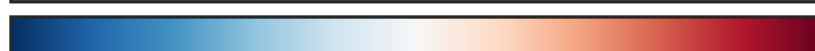
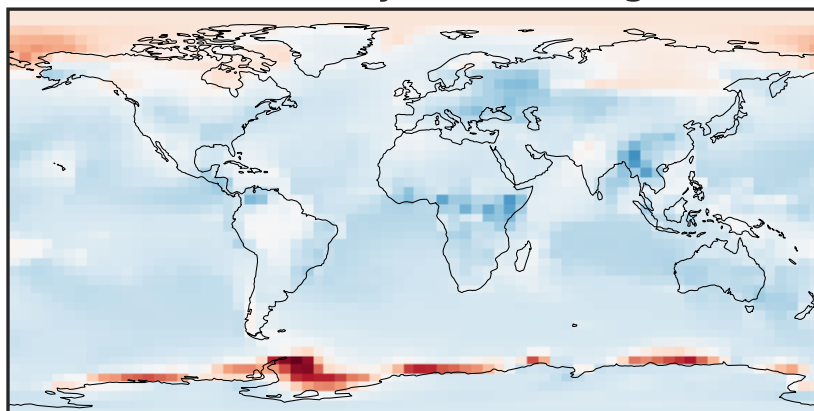
-0.0025 0.0000 0.0025
µg/m³

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



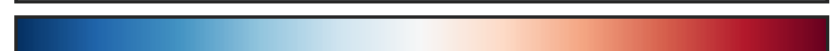
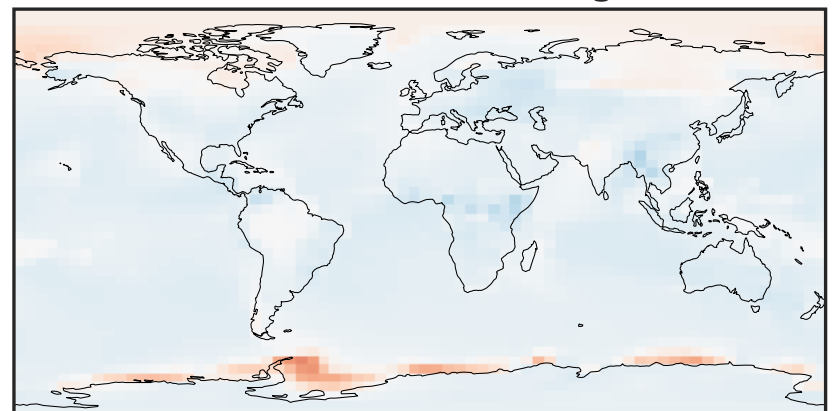
-0.0003 0.0000 0.0003
µg/m³

Ratio
Dev/Ref, Dynamic Range



0.7175 0.8587 1.0000 1.1969 1.3938
unitless

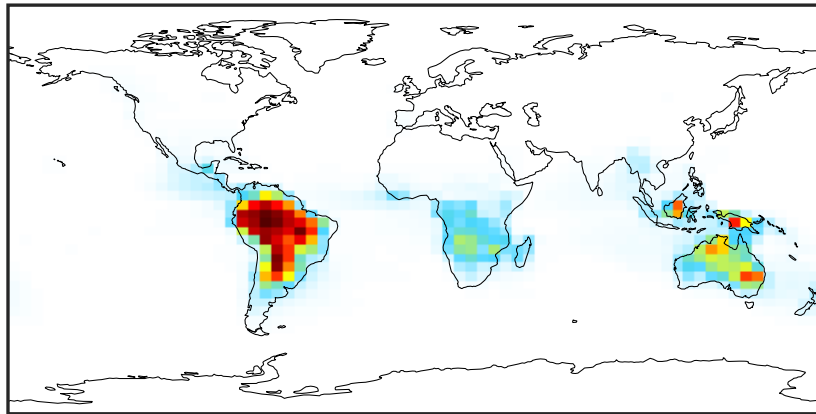
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

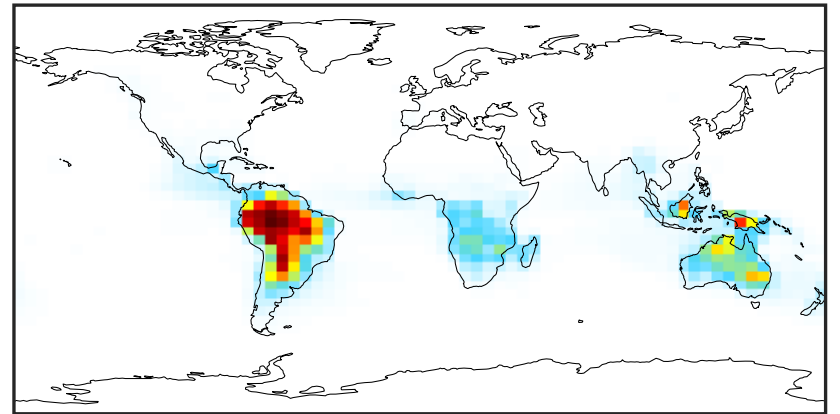
SpeciesConcVV_TSOG1 (Jan2019)

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



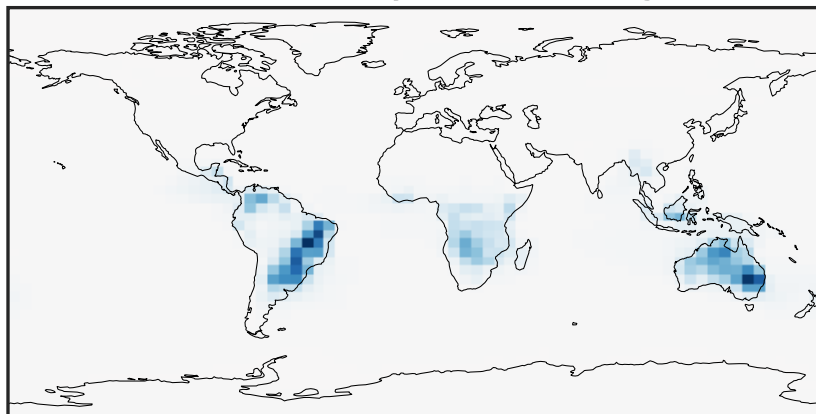
0.0000 0.0385 0.0770 0.1155 0.1539
 $\mu\text{g}/\text{m}^3$

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



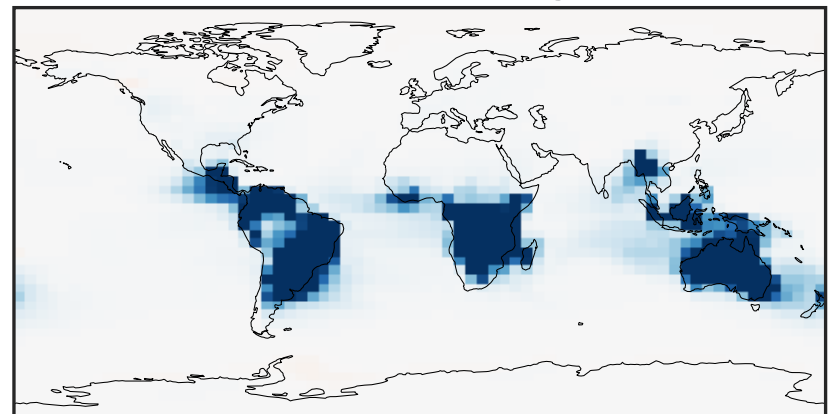
0.0000 0.0385 0.0770 0.1155 0.1539
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



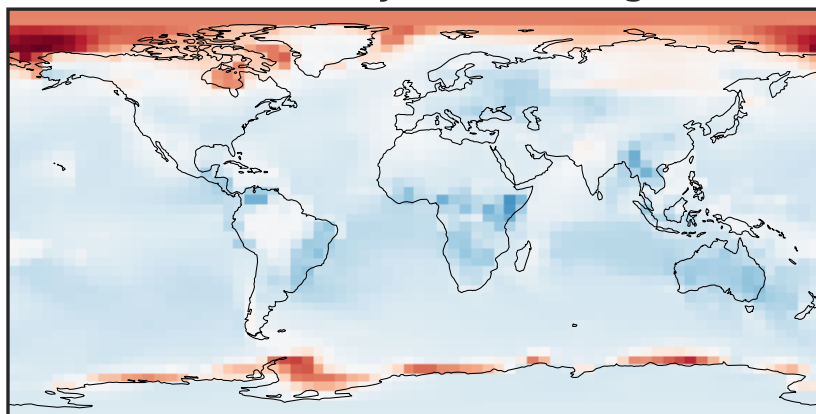
-0.01 0.00 0.01
 $\mu\text{g}/\text{m}^3$

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



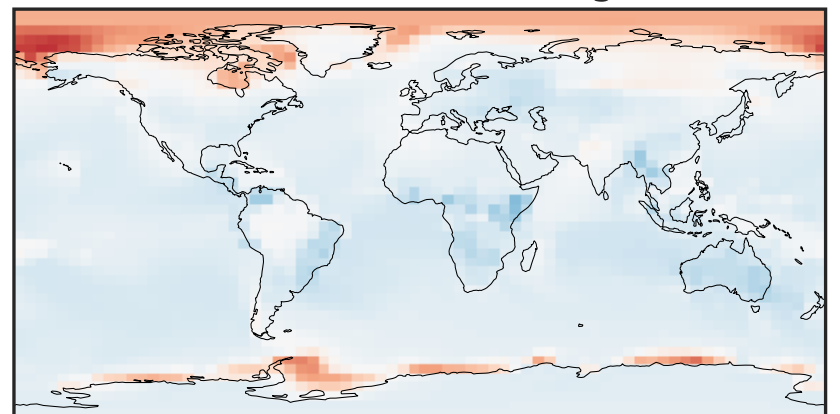
-0.0008 0.0000 0.0008
 $\mu\text{g}/\text{m}^3$

Ratio
Dev/Ref, Dynamic Range



0.602 0.801 1.000 1.330 1.660
unitless

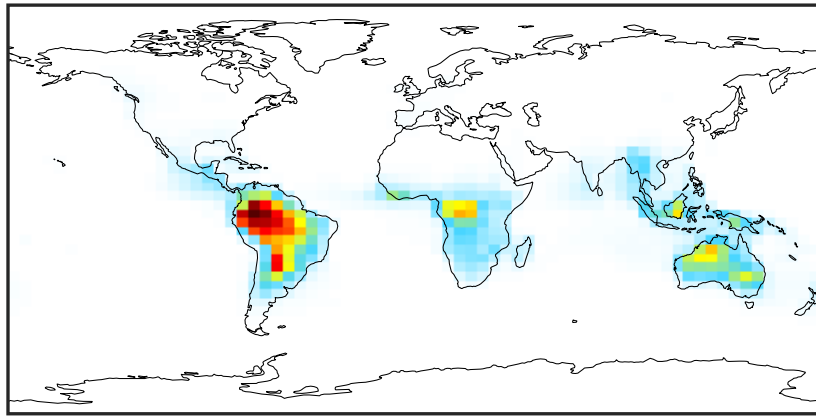
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

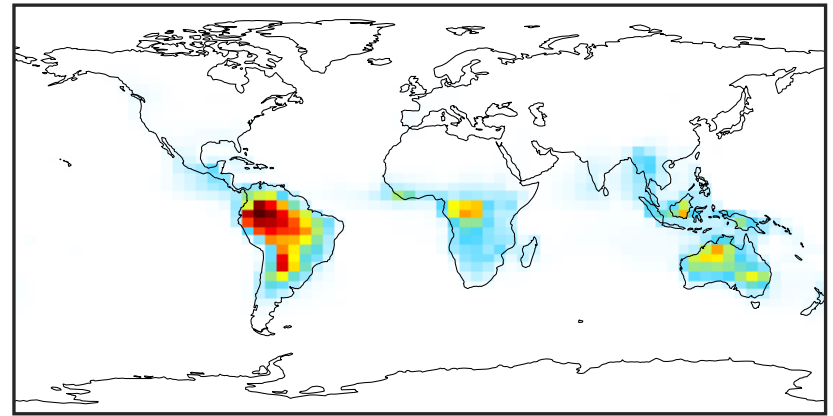
SpeciesConcVV_TSOG2 (Jan2019)

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



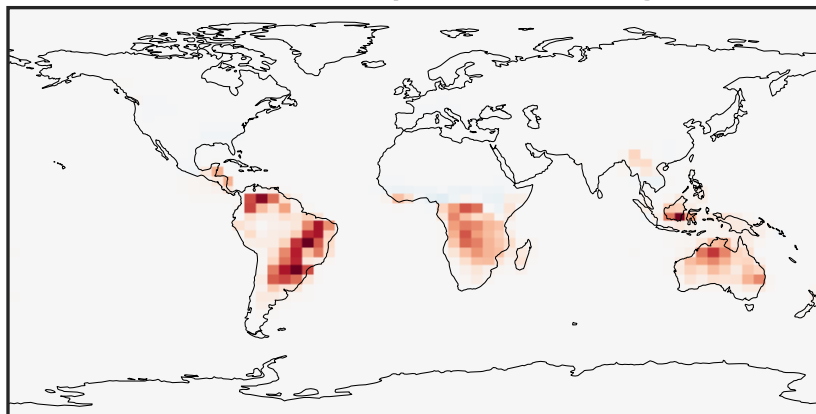
0.000 0.844 1.687 2.530 3.373
 $\mu\text{g}/\text{m}^3$

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



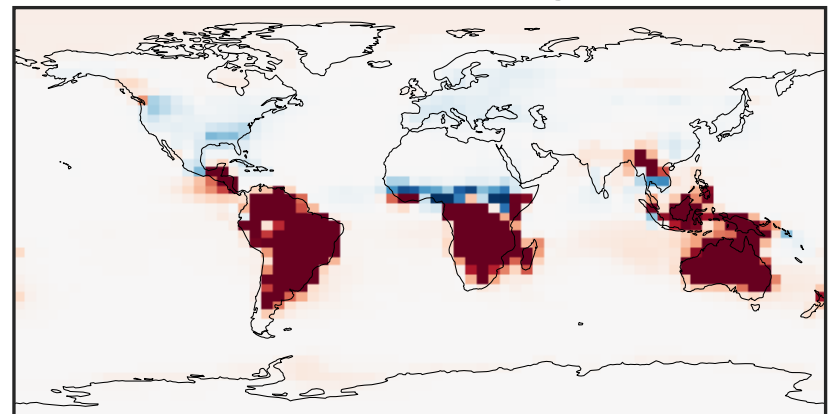
0.000 0.844 1.687 2.530 3.373
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



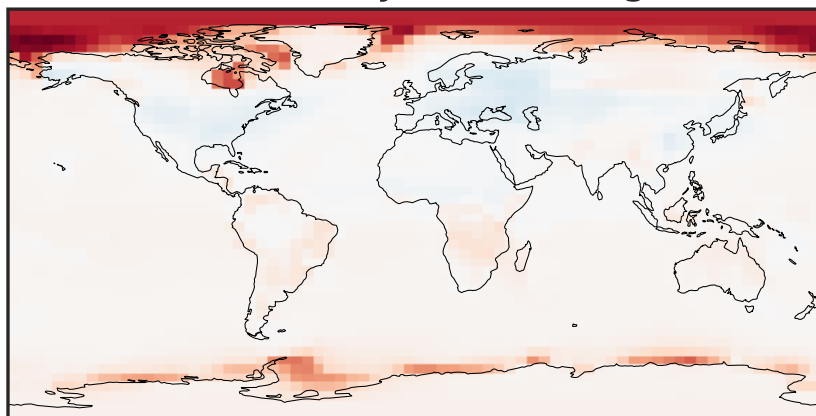
-0.1601 -0.0801 0.0000 0.0801 0.1601
 $\mu\text{g}/\text{m}^3$

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



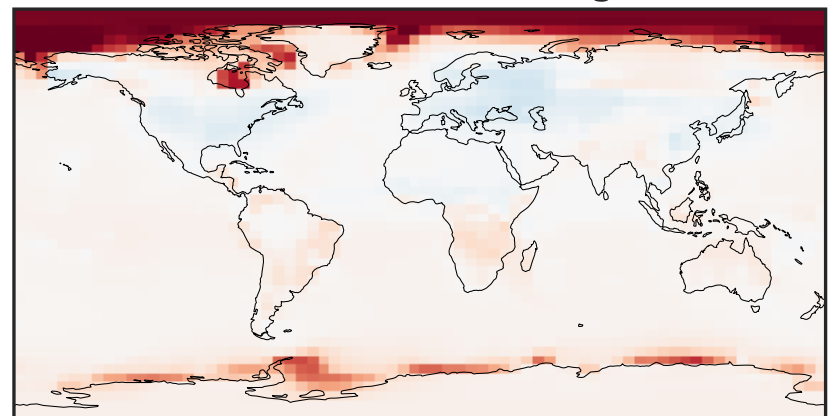
-0.006 0.000 0.006
 $\mu\text{g}/\text{m}^3$

Ratio
Dev/Ref, Dynamic Range



0.423 0.712 1.000 1.681 2.363
unitless

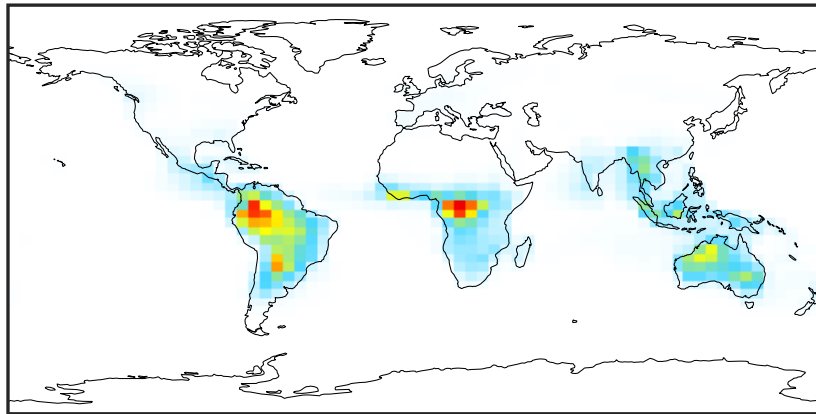
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

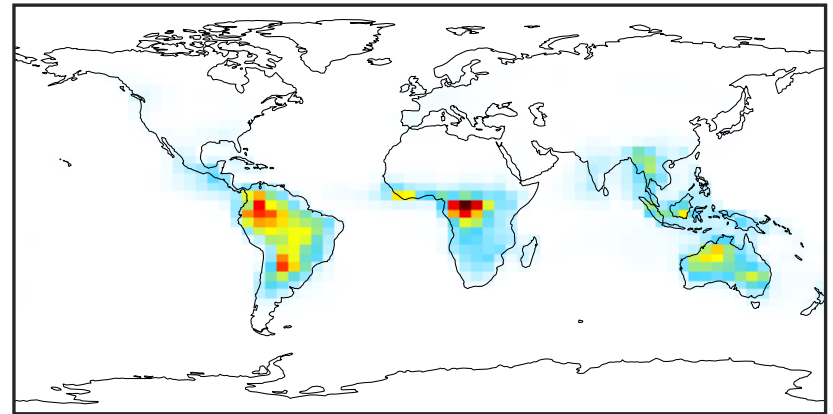
SpeciesConcVV_TSOG3 (Jan2019)

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



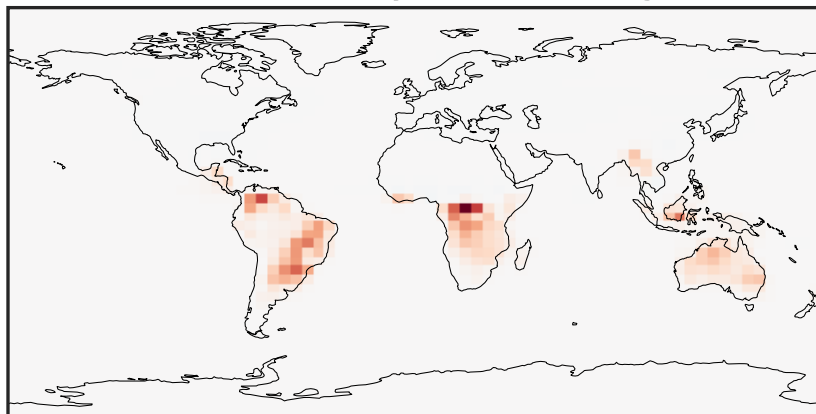
0.000 1.952 3.903 5.854 7.805
 $\mu\text{g}/\text{m}^3$

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



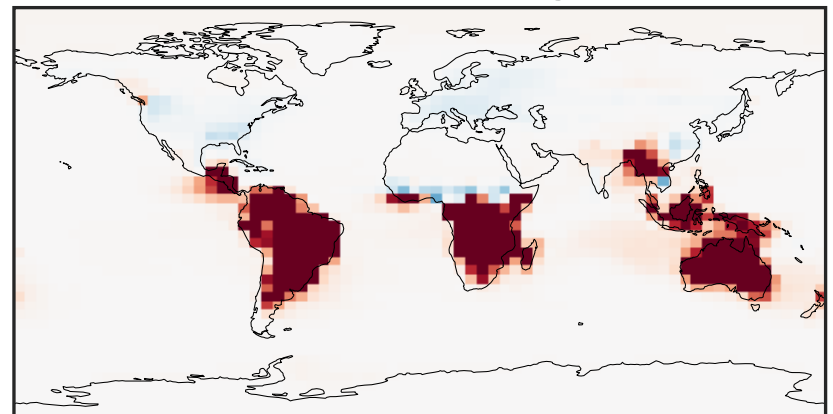
0.000 1.952 3.903 5.854 7.805
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



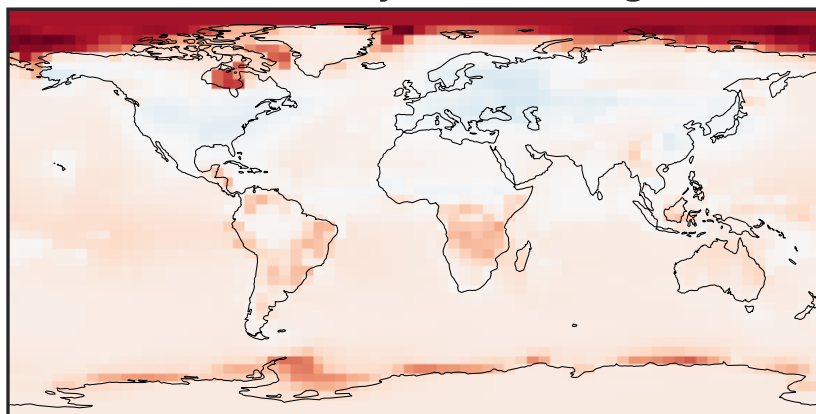
-1.759 -0.879 0.000 0.879 1.759
 $\mu\text{g}/\text{m}^3$

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



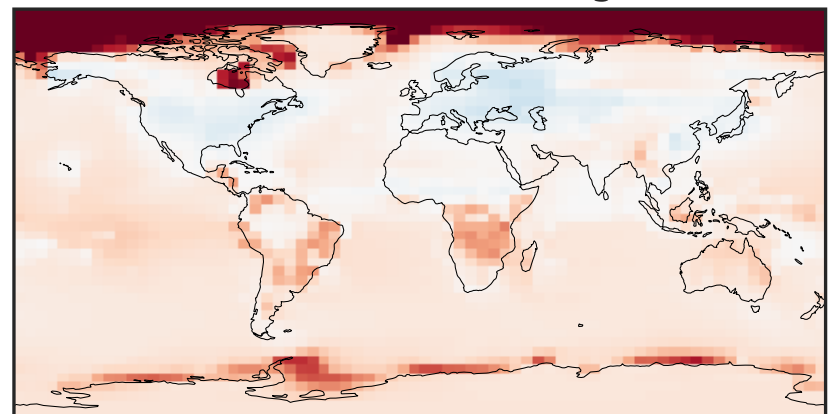
-0.0668 -0.0334 0.0000 0.0334 0.0668
 $\mu\text{g}/\text{m}^3$

Ratio
Dev/Ref, Dynamic Range



0.394 0.697 1.000 1.768 2.536
unitless

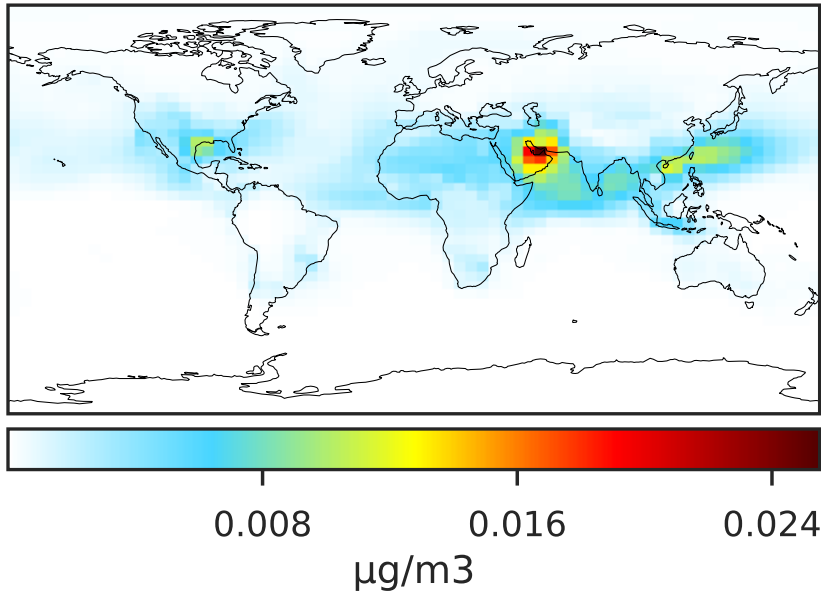
Ratio
Dev/Ref, Fixed Range



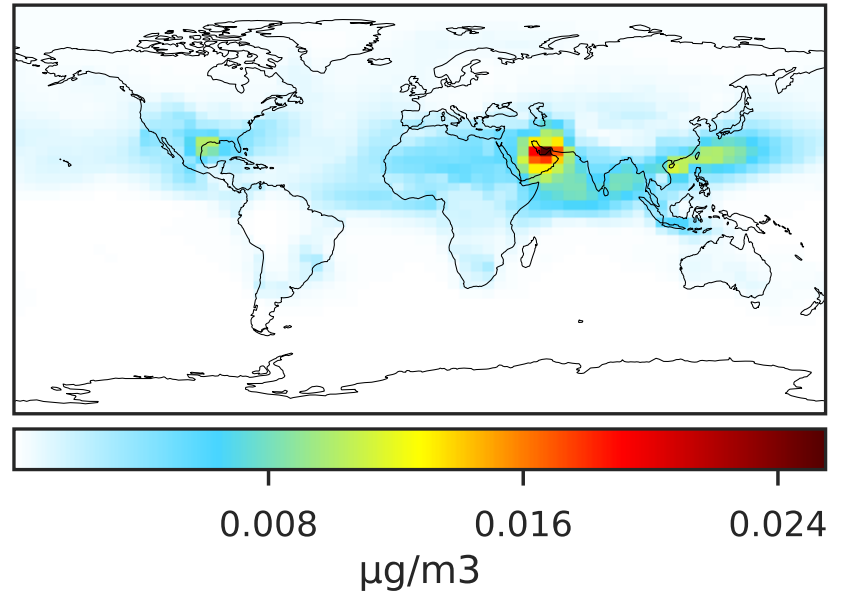
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_ASOG1 (Jan2019)

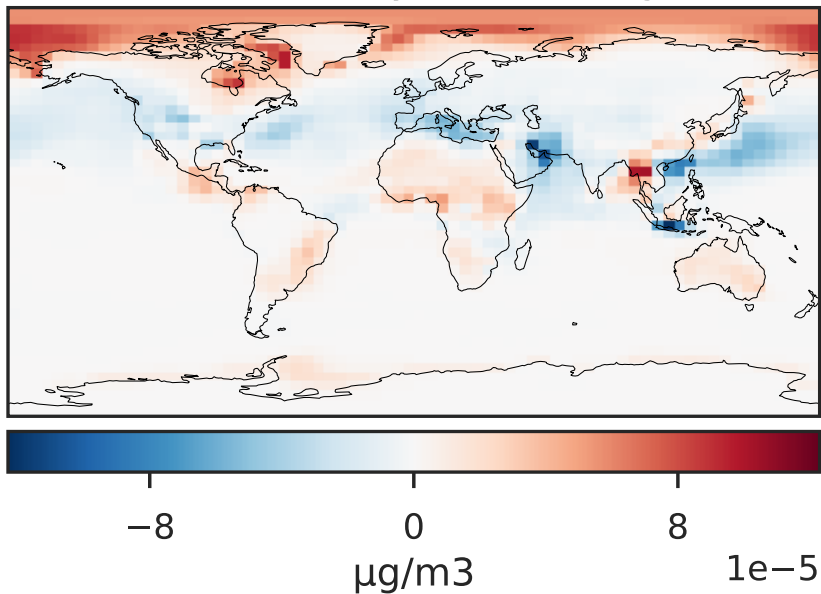
14.2.0-rc.2 (Ref)
4.0x5.0



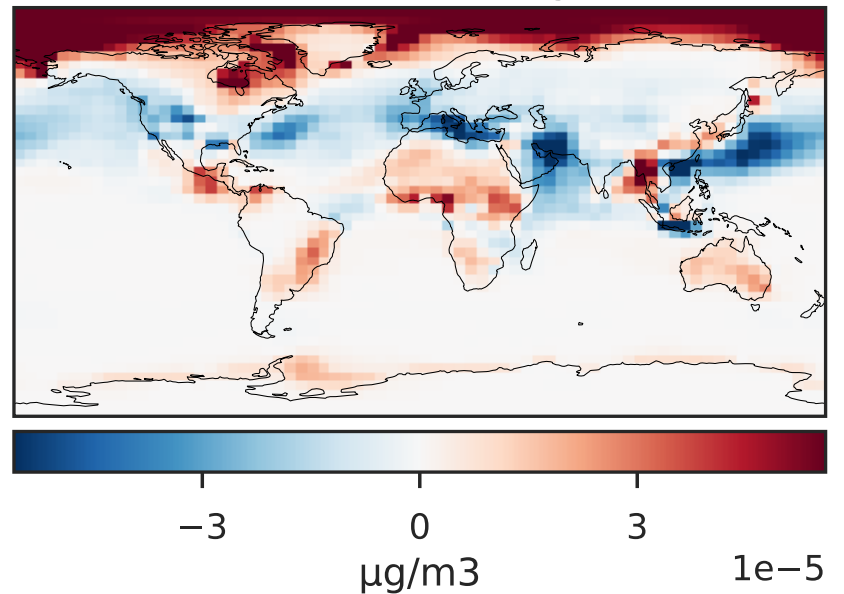
14.3.0-rc.0 (Dev)
4.0x5.0



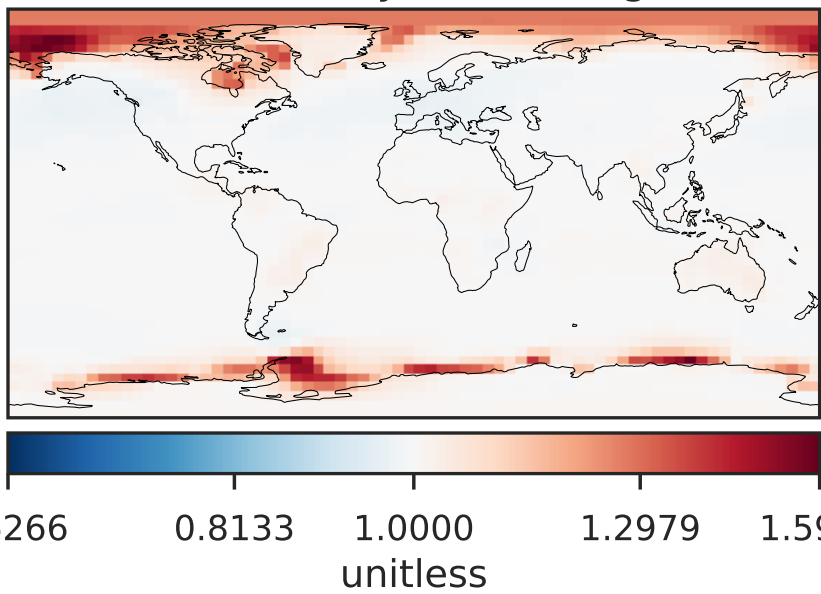
Difference
Dev - Ref, Dynamic Range



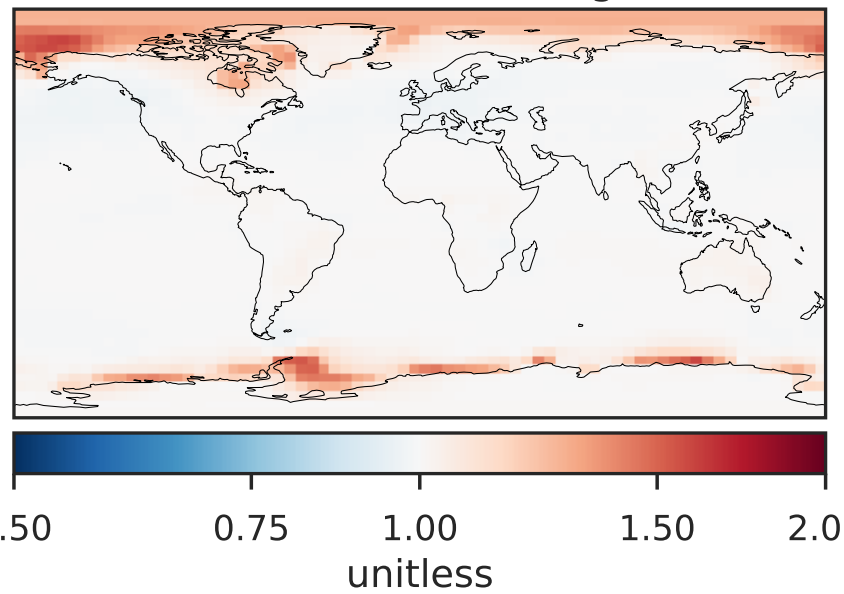
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

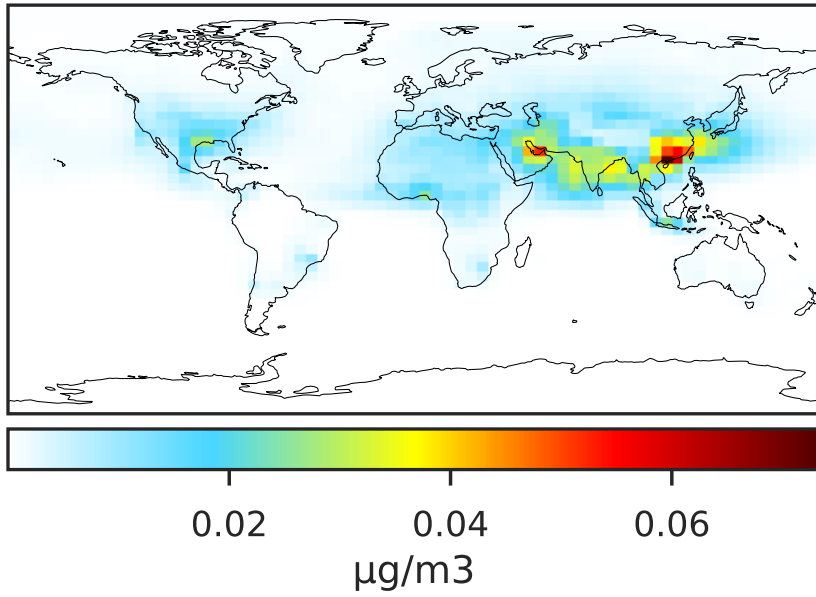


Ratio
Dev/Ref, Fixed Range

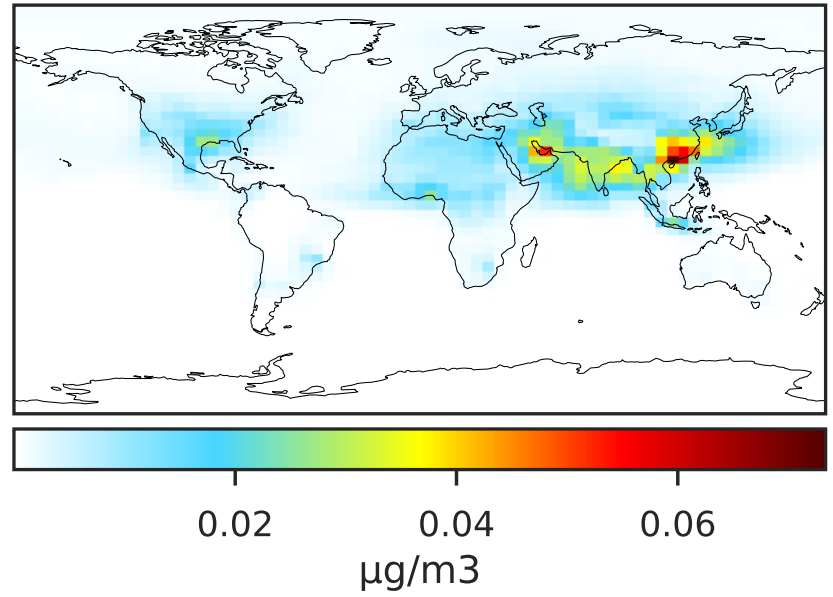


SpeciesConcVV_ASOG2 (Jan2019)

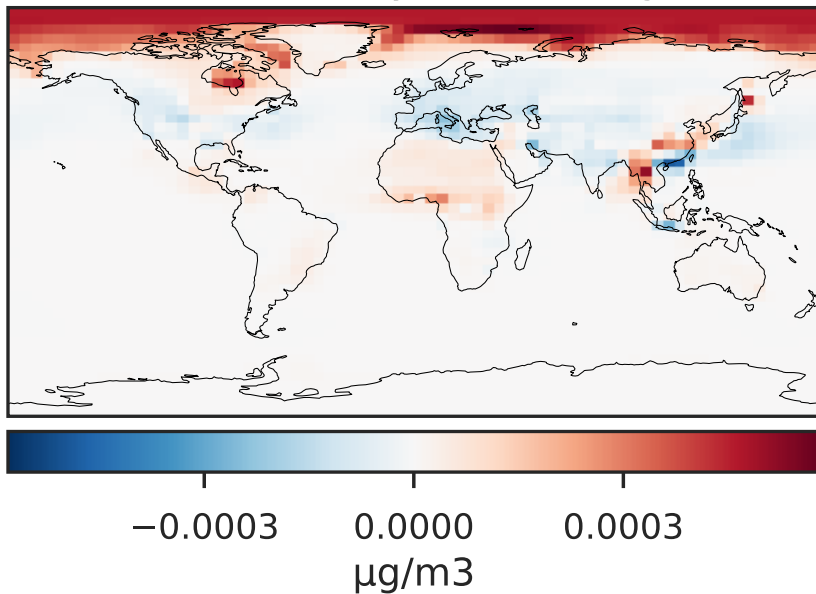
14.2.0-rc.2 (Ref)
4.0x5.0



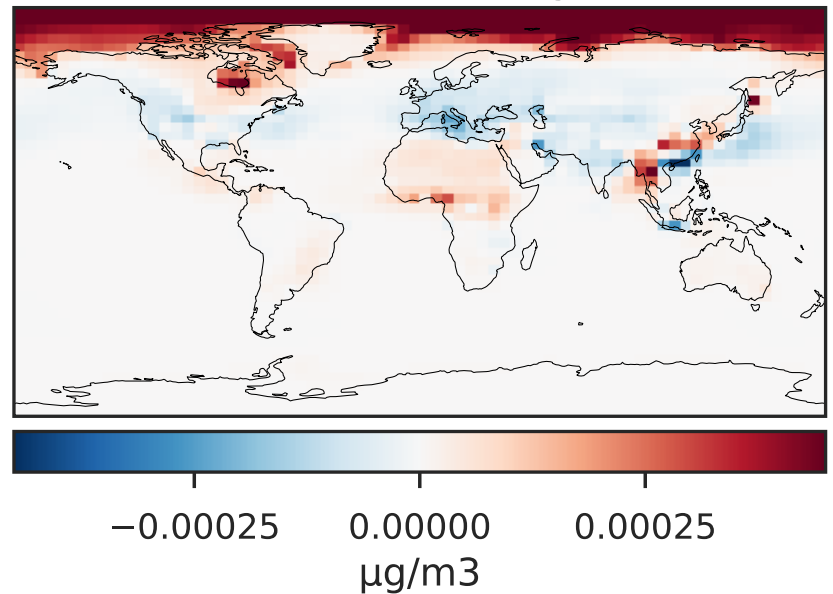
14.3.0-rc.0 (Dev)
4.0x5.0



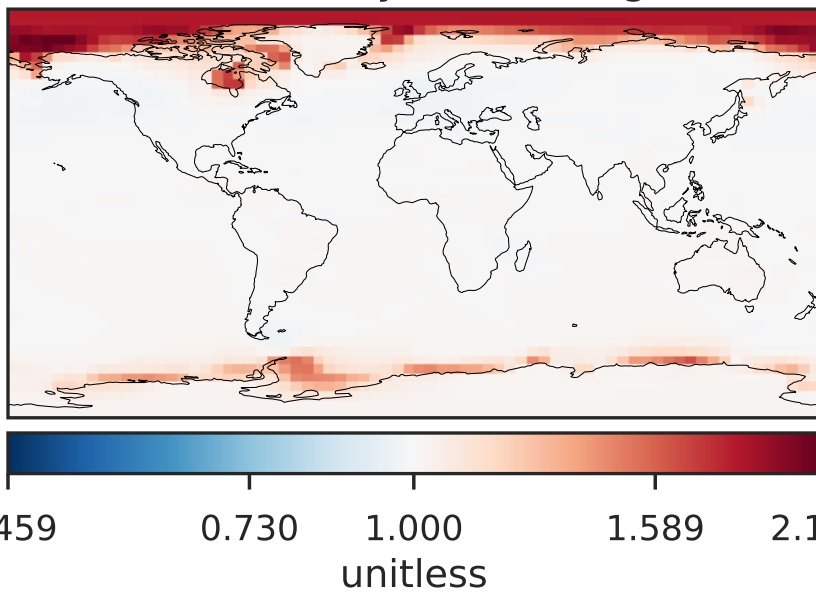
Difference
Dev - Ref, Dynamic Range



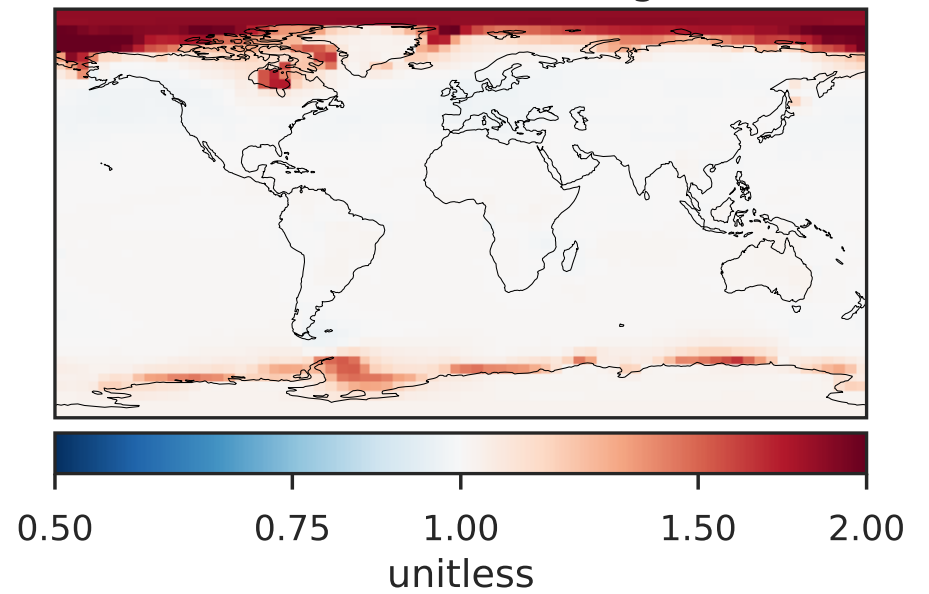
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

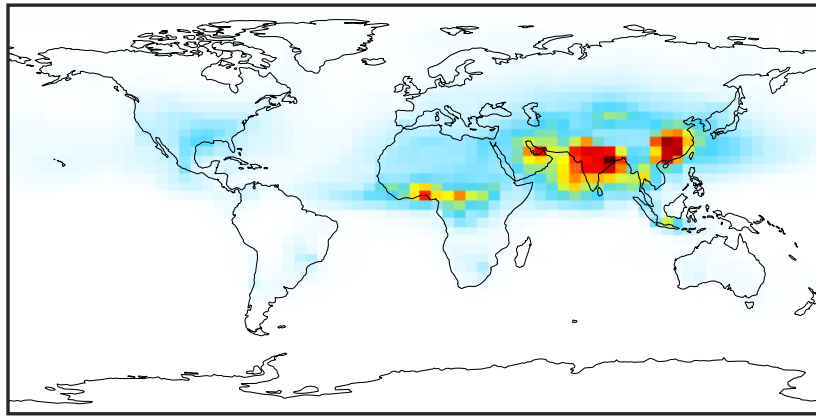


Ratio
Dev/Ref, Fixed Range



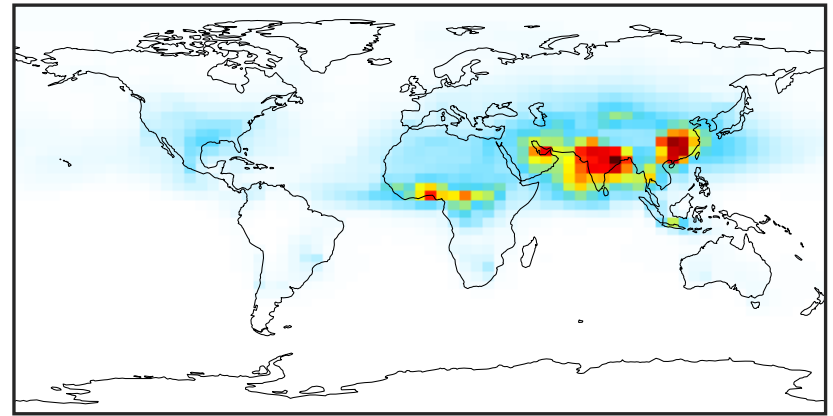
SpeciesConcVV_ASOG3 (Jan2019)

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



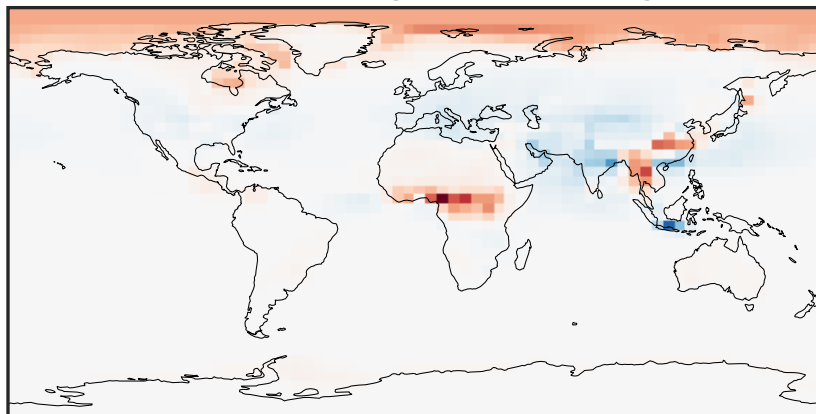
0.0000 0.0965 0.1929 0.2893 0.3857
 $\mu\text{g}/\text{m}^3$

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



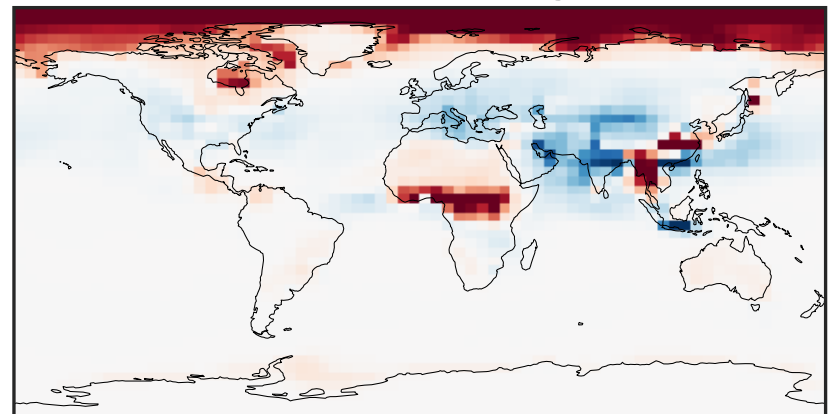
0.0000 0.0965 0.1929 0.2893 0.3857
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



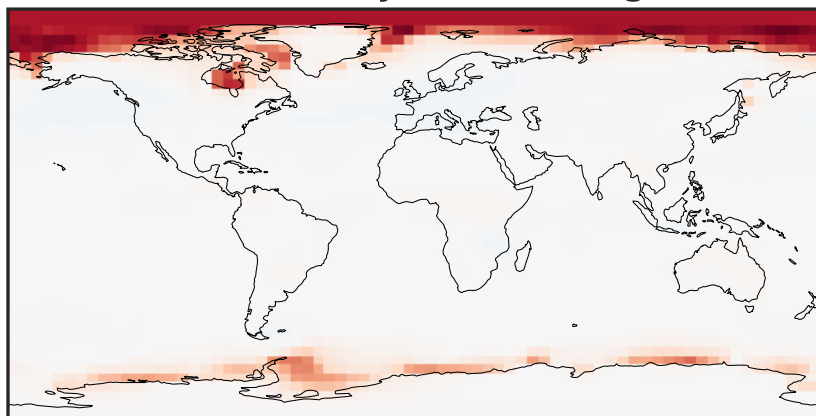
-0.003 0.000 0.003
 $\mu\text{g}/\text{m}^3$

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



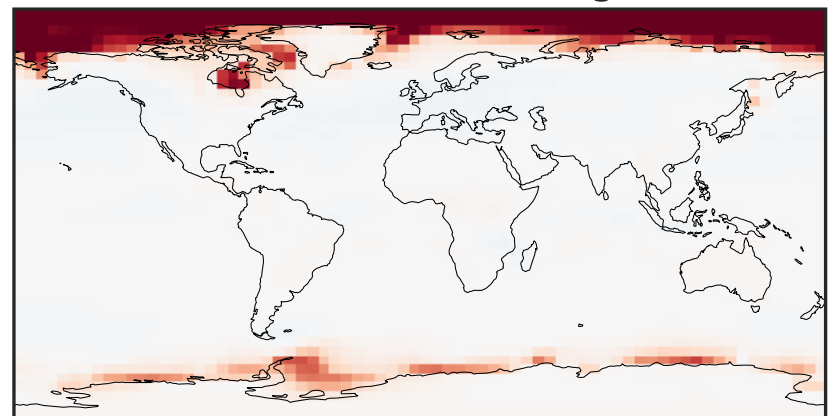
-0.001 0.000 0.001
 $\mu\text{g}/\text{m}^3$

Ratio
Dev/Ref, Dynamic Range



0.427 0.713 1.000 1.672 2.344
unitless

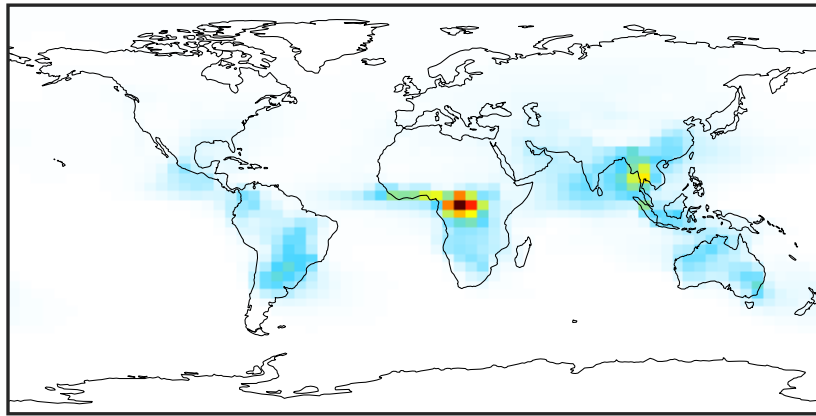
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

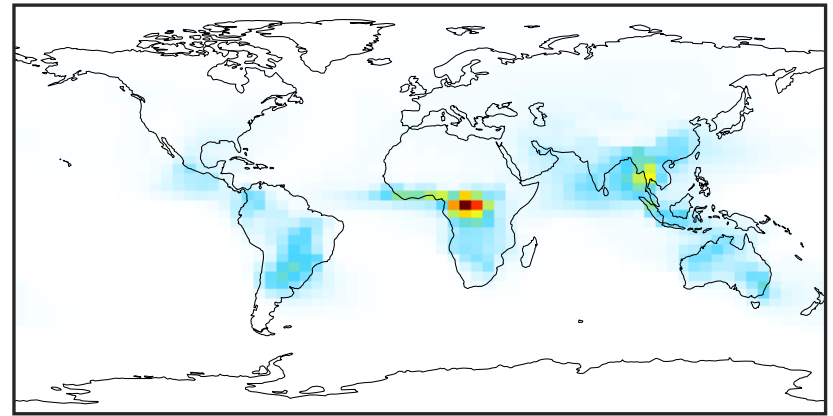
SpeciesConcVV_INDIOL (Jan2019)

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



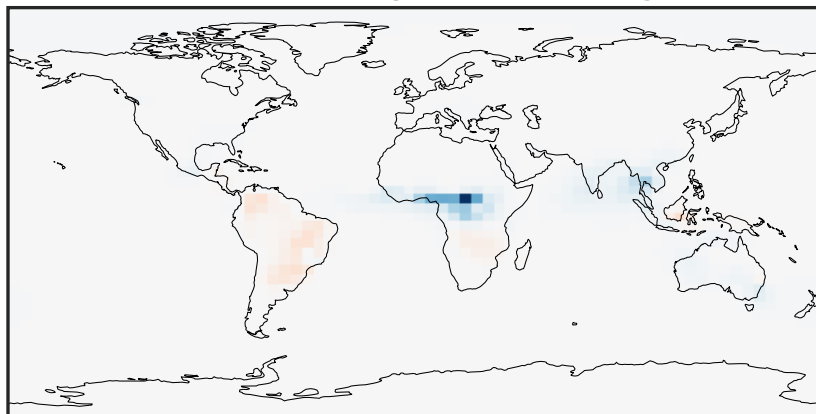
0.00 2.57 5.14 7.71 10.28
 $\mu\text{g}/\text{m}^3$

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



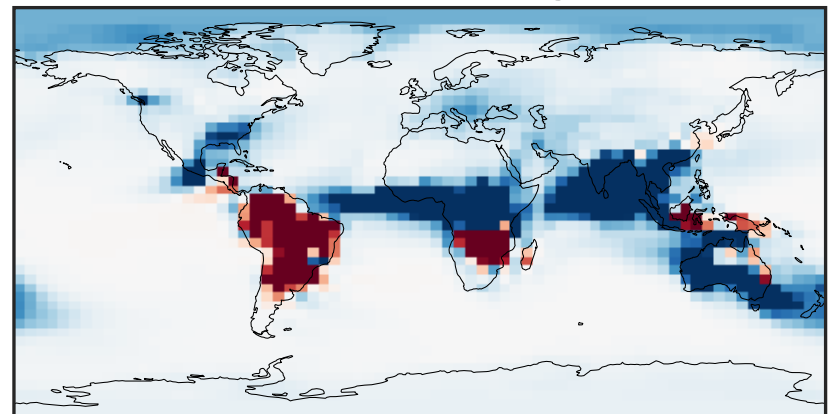
0.00 2.57 5.14 7.71 10.28
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



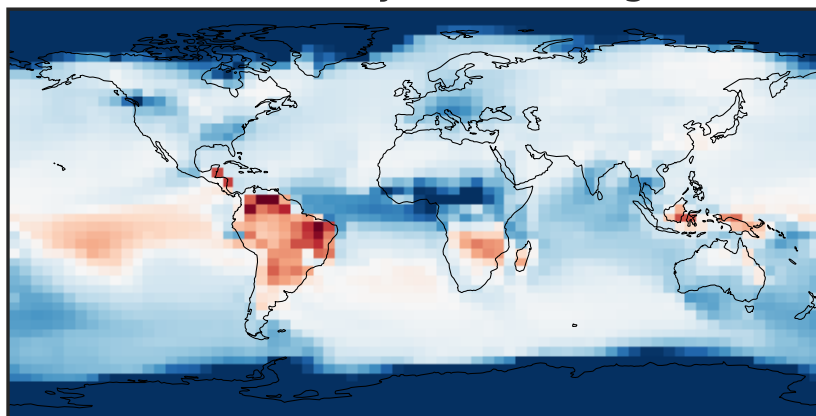
-0.809 -0.405 0.000 0.405 0.809
 $\mu\text{g}/\text{m}^3$

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



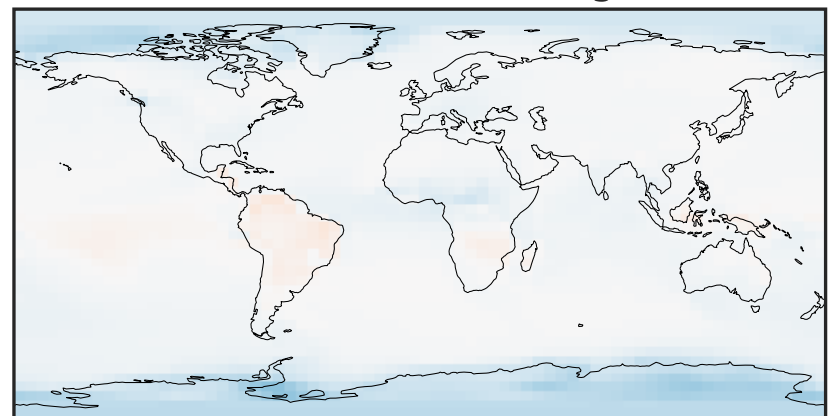
-0.008 0.000 0.008
 $\mu\text{g}/\text{m}^3$

Ratio
Dev/Ref, Dynamic Range



0.9237 0.9619 1.0000 1.0413 1.0826
unitless

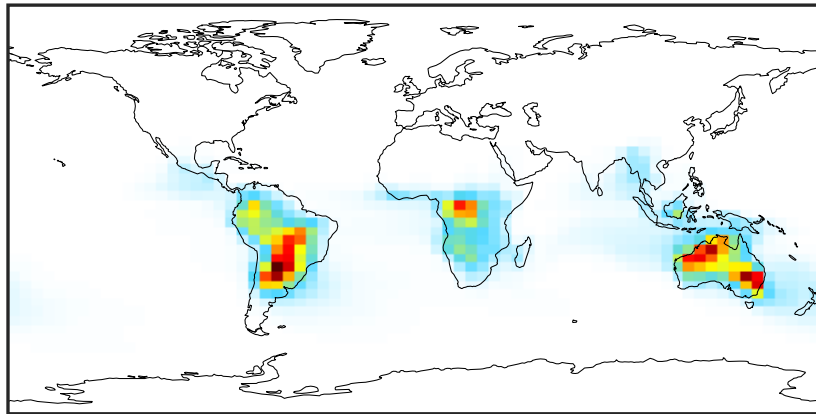
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

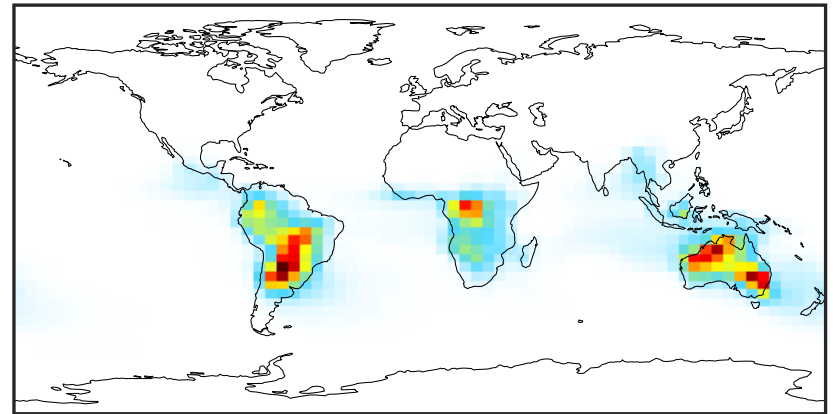
SpeciesConcVV_LVCOA (Jan2019)

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



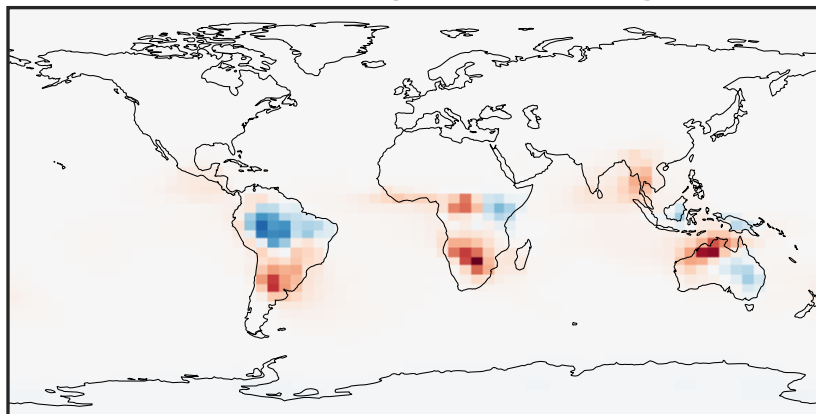
0.0000 0.0612 0.1223 0.1835 0.2446
 $\mu\text{g}/\text{m}^3$

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



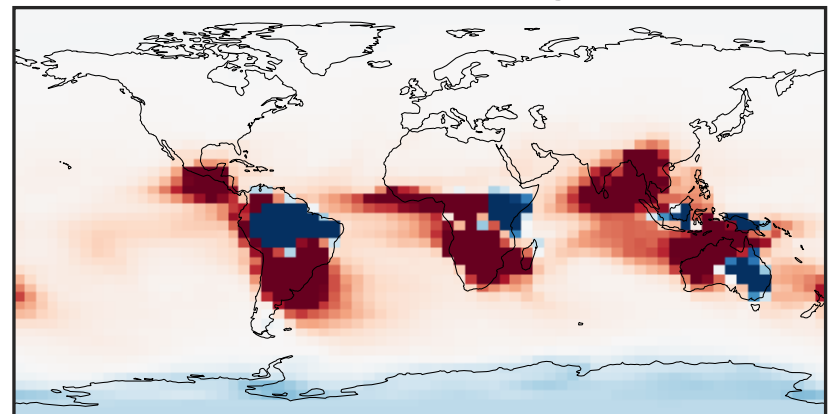
0.0000 0.0612 0.1223 0.1835 0.2446
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



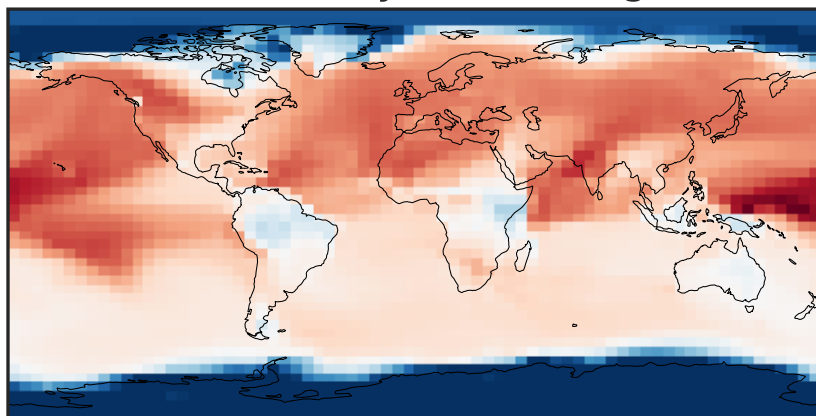
-0.0015 0.0000 0.0015
 $\mu\text{g}/\text{m}^3$

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



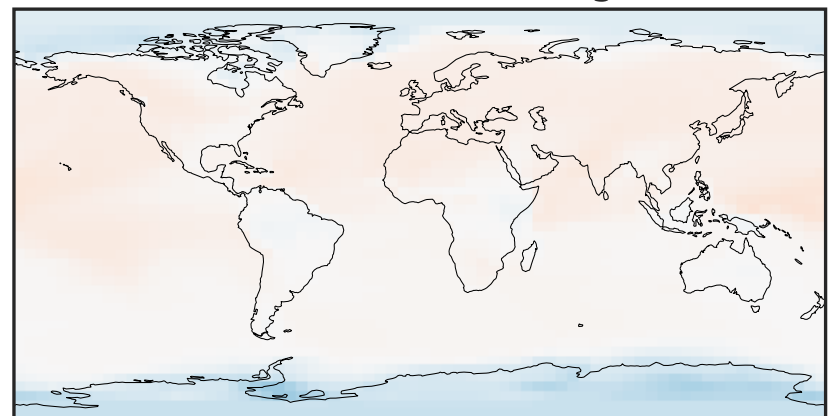
-0.00015 0.00000 0.00015
 $\mu\text{g}/\text{m}^3$

Ratio
Dev/Ref, Dynamic Range



0.9089 0.9544 1.0000 1.0501 1.1003
unitless

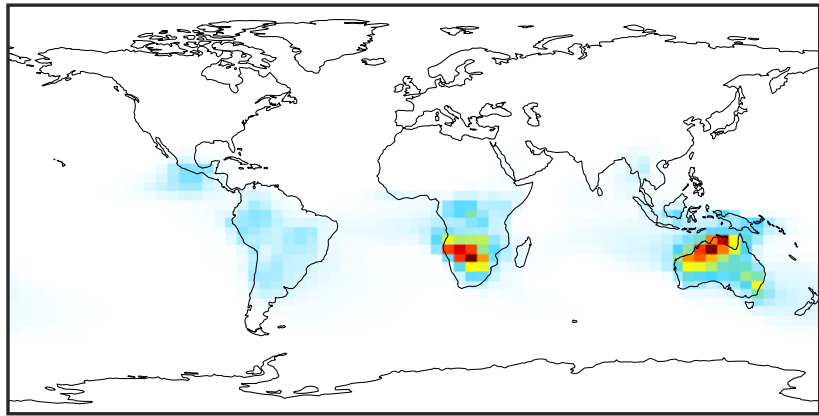
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

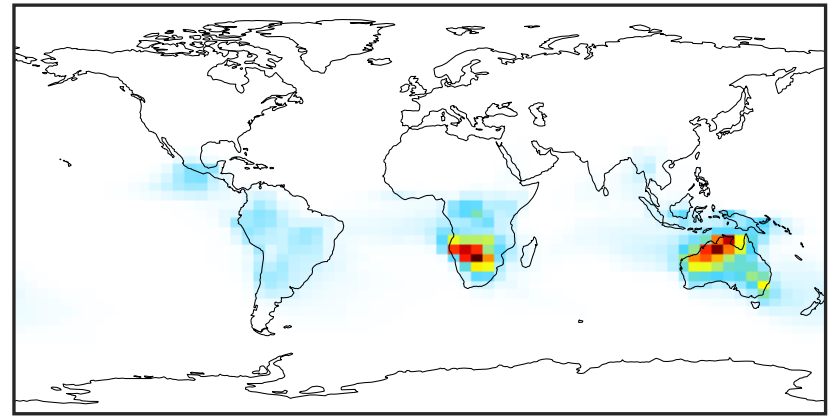
SpeciesConcVV_SOAIE (Jan2019)

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



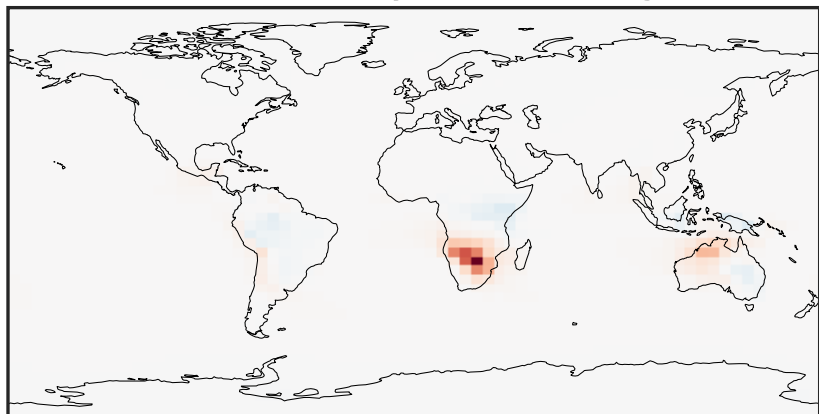
0.000 1.285 2.569 3.854 5.139
 $\mu\text{g}/\text{m}^3$

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



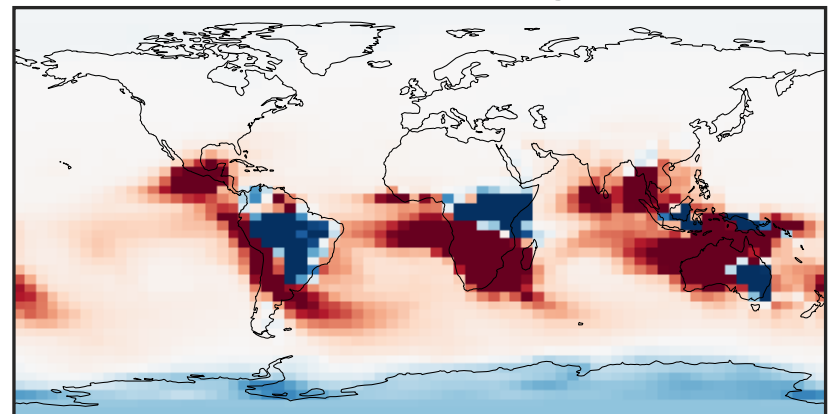
0.000 1.285 2.569 3.854 5.139
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



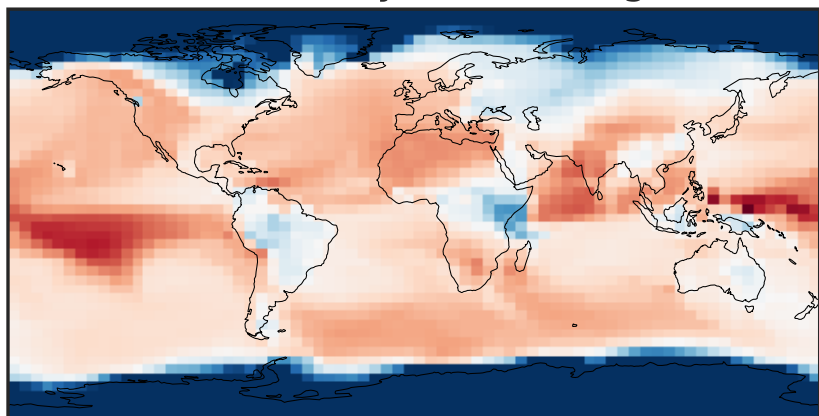
-0.1754 -0.0877 0.0000 0.0877 0.1754
 $\mu\text{g}/\text{m}^3$

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



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

Ratio
Dev/Ref, Dynamic Range



0.9319 0.9660 1.0000 1.0365 1.0731
unitless

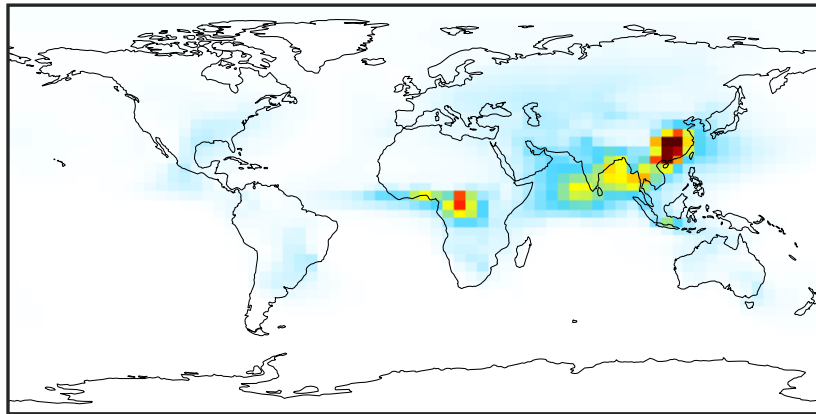
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

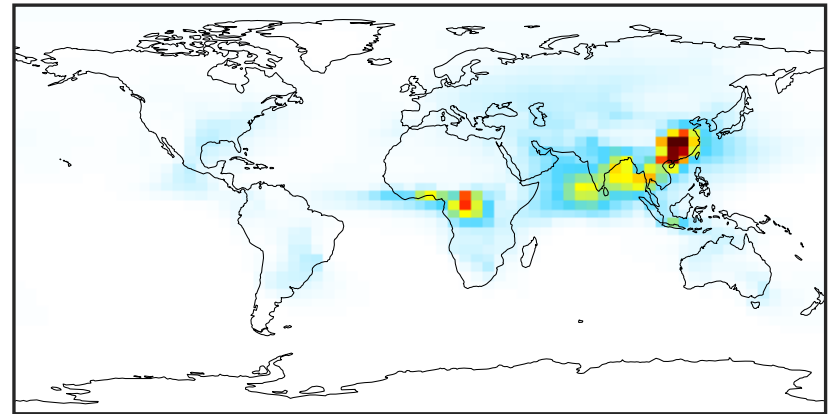
SpeciesConcVV_SOAGX (Jan2019)

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



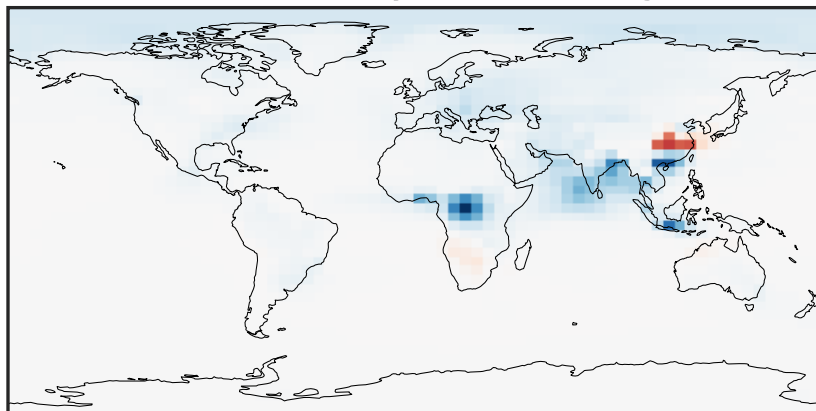
0.0001 0.2455 0.4909 0.7362 0.9816
 $\mu\text{g}/\text{m}^3$

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



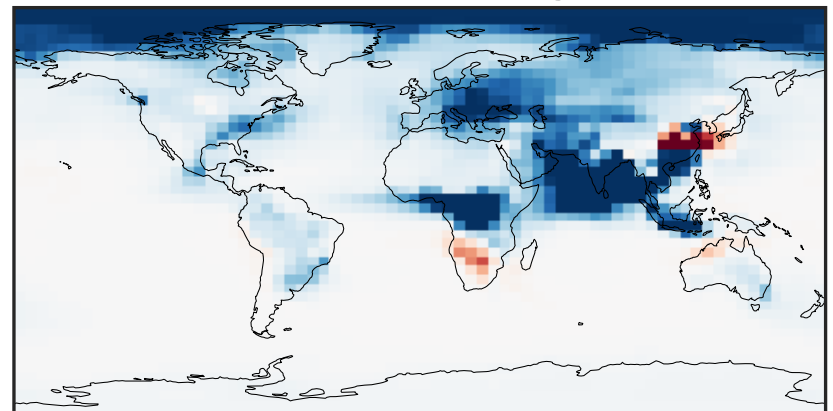
0.0001 0.2455 0.4909 0.7362 0.9816
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



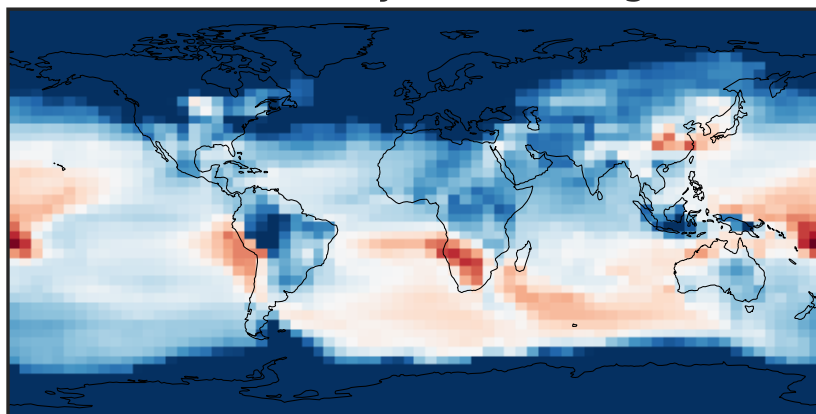
-0.005 0.000 0.005
 $\mu\text{g}/\text{m}^3$

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



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

Ratio
Dev/Ref, Dynamic Range



0.98414 0.99207 1.00000 1.00806 1.01611
unitless

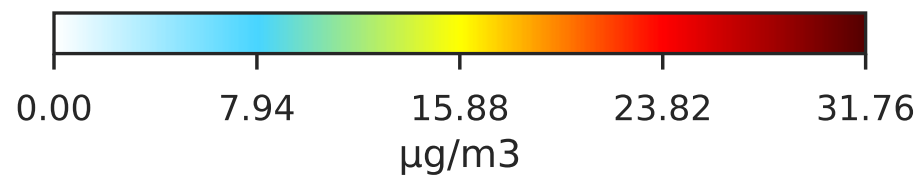
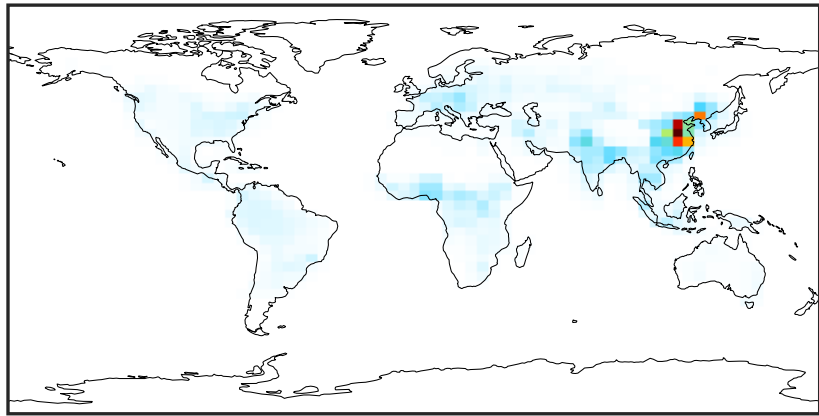
Ratio
Dev/Ref, Fixed Range



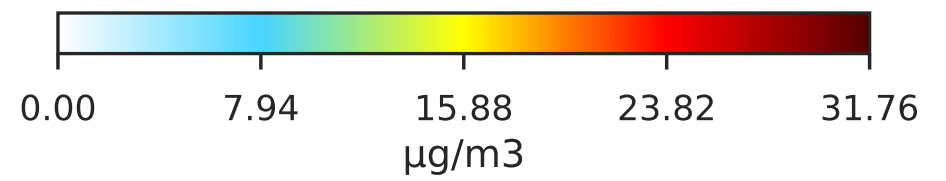
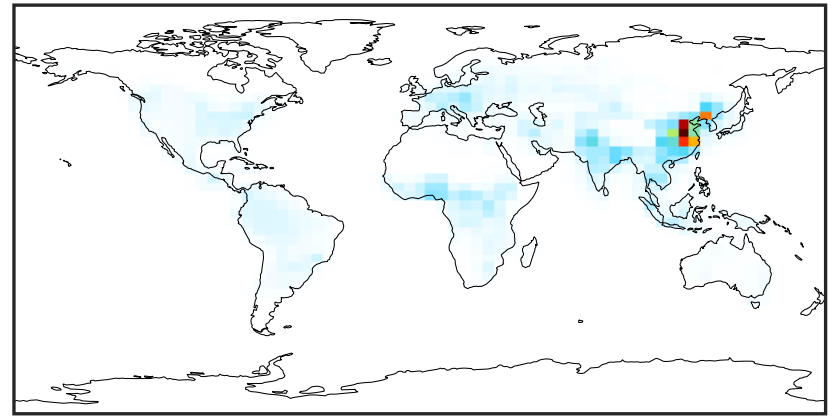
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_SOAP (Jan2019)

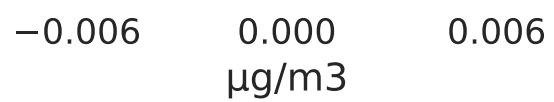
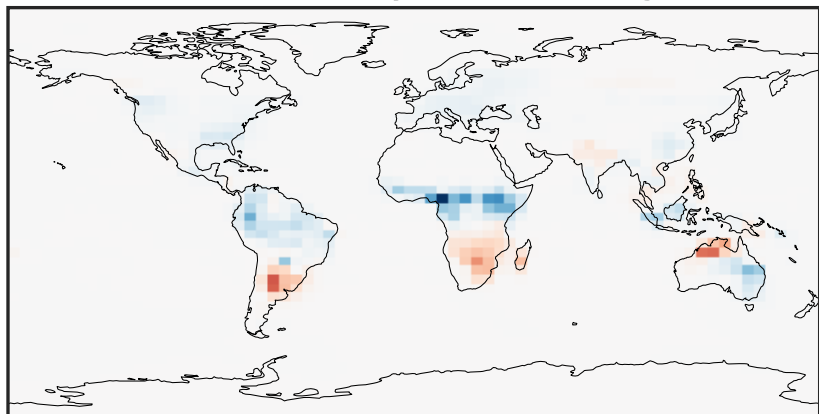
14.2.0-rc.2 (Ref)
4.0x5.0



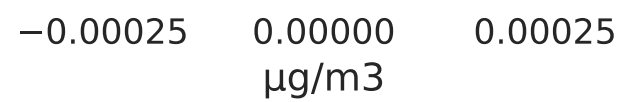
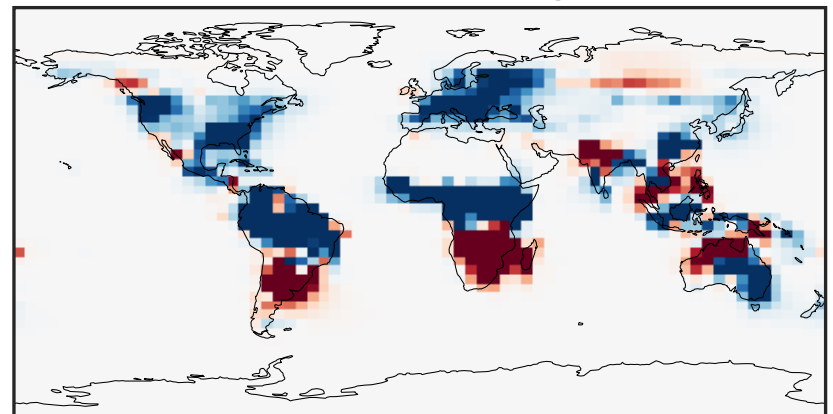
14.3.0-rc.0 (Dev)
4.0x5.0



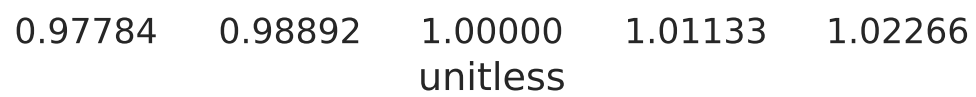
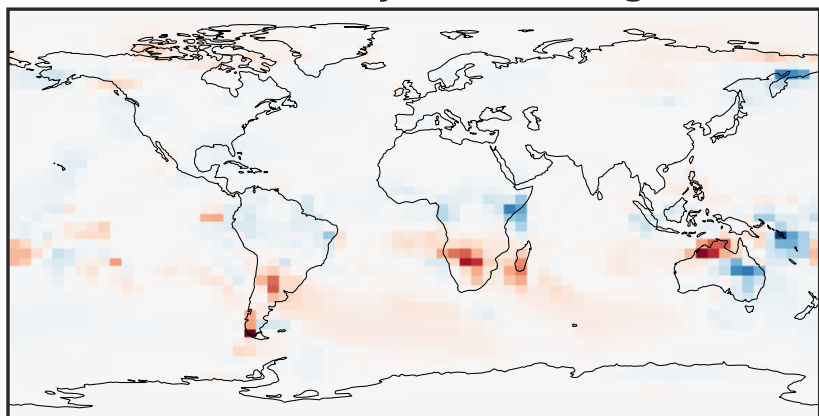
Difference
Dev - Ref, Dynamic Range



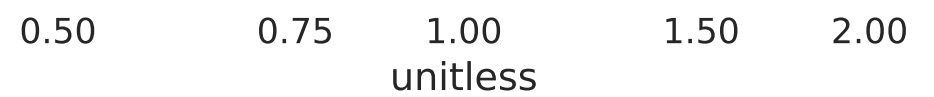
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

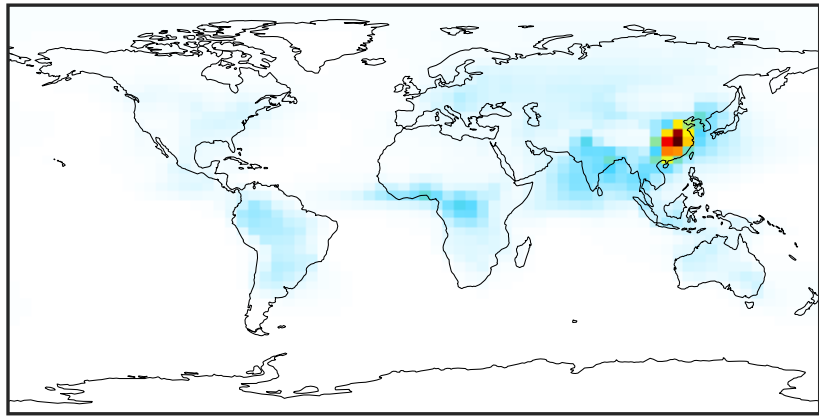


Ratio
Dev/Ref, Fixed Range



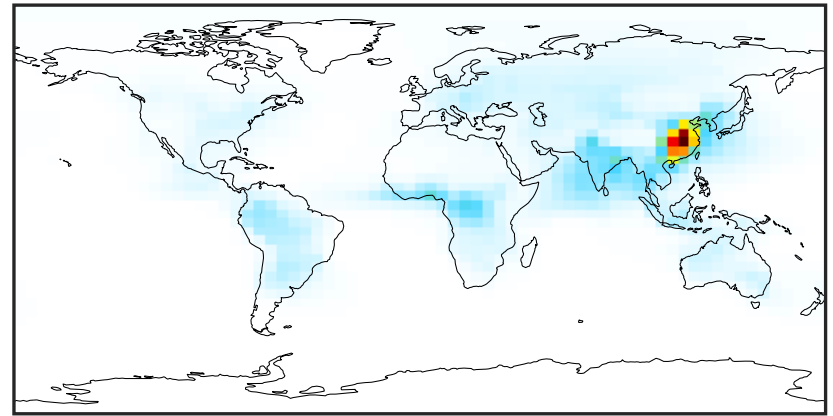
SpeciesConcVV_SOAS (Jan2019)

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



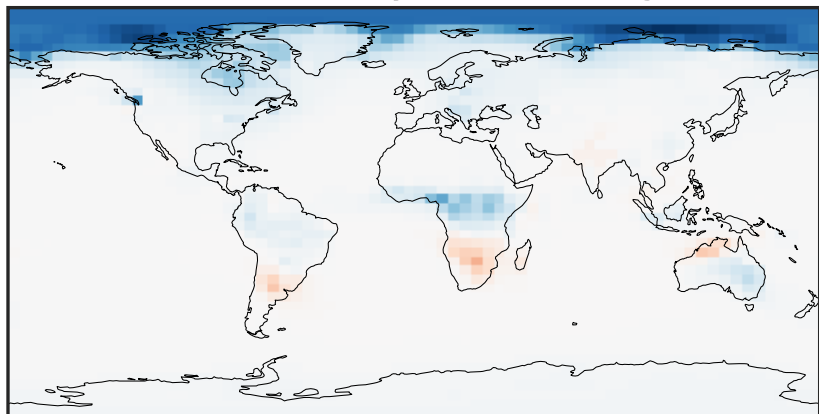
0.00 8.83 17.65 26.47 35.29
µg/m3

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



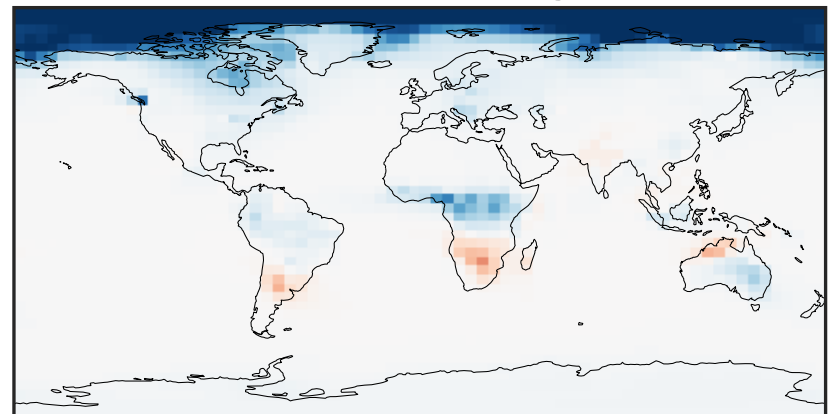
0.00 8.83 17.65 26.47 35.29
µg/m3

Difference
Dev - Ref, Dynamic Range



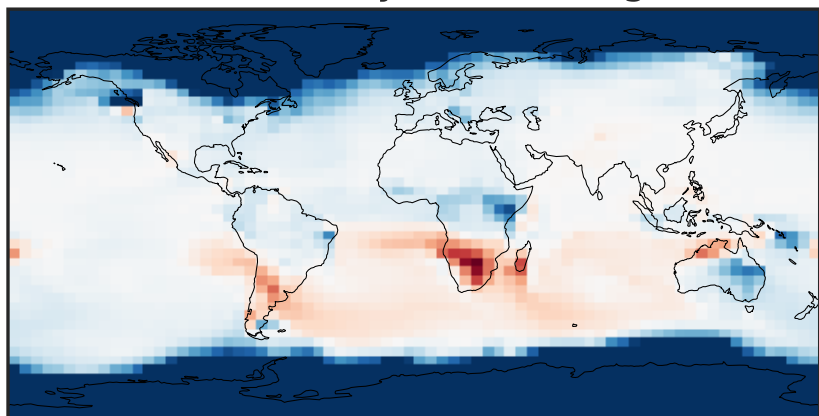
-0.0668 -0.0334 0.0000 0.0334 0.0668
µg/m3

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



-0.0510 -0.0255 0.0000 0.0255 0.0510
µg/m3

Ratio
Dev/Ref, Dynamic Range



0.98491 0.99246 1.00000 1.00766 1.01532
unitless

Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless