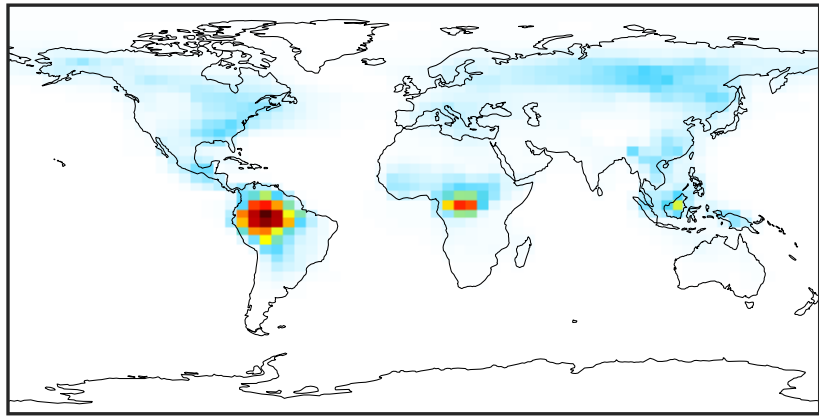


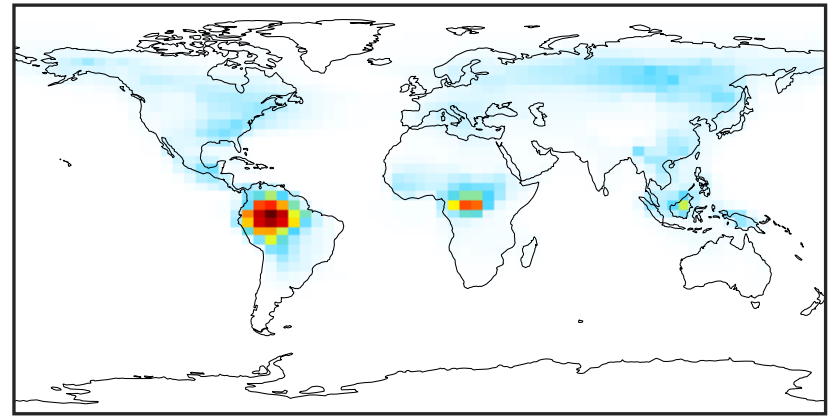
SpeciesConcVV_TSOA0 (Jul2019)

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



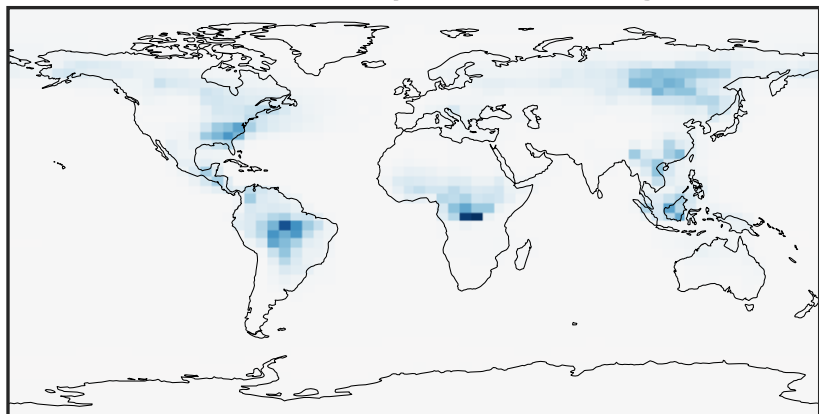
0.000 0.559 1.119 1.678 2.238
 $\mu\text{g}/\text{m}^3$

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



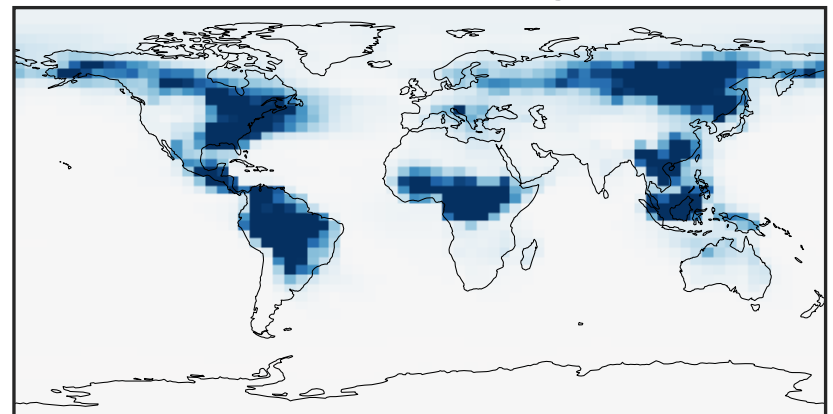
0.000 0.559 1.119 1.678 2.238
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



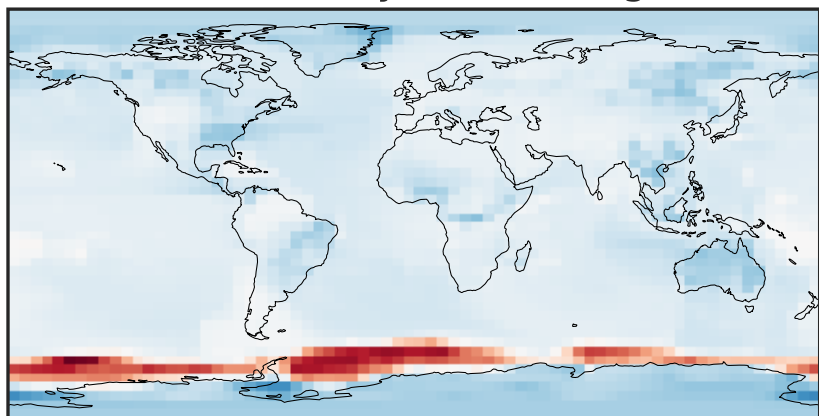
-0.1544 -0.0772 0.0000 0.0772 0.1544
 $\mu\text{g}/\text{m}^3$

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



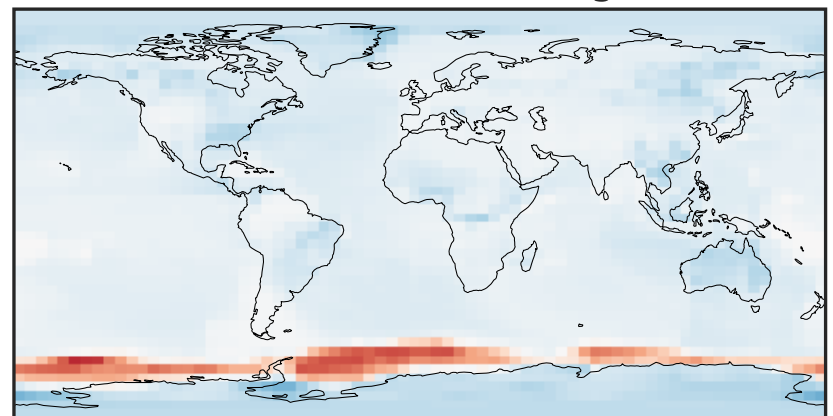
-0.015 0.000 0.015
 $\mu\text{g}/\text{m}^3$

Ratio
Dev/Ref, Dynamic Range



0.593 0.796 1.000 1.343 1.687
unitless

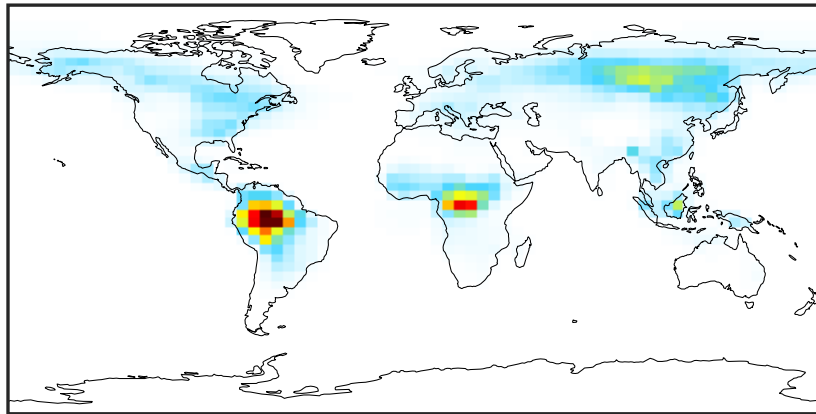
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

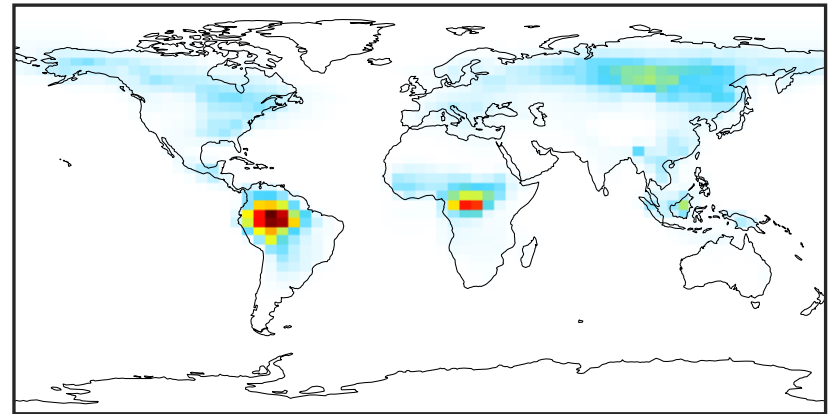
SpeciesConcVV_TSOA1 (Jul2019)

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



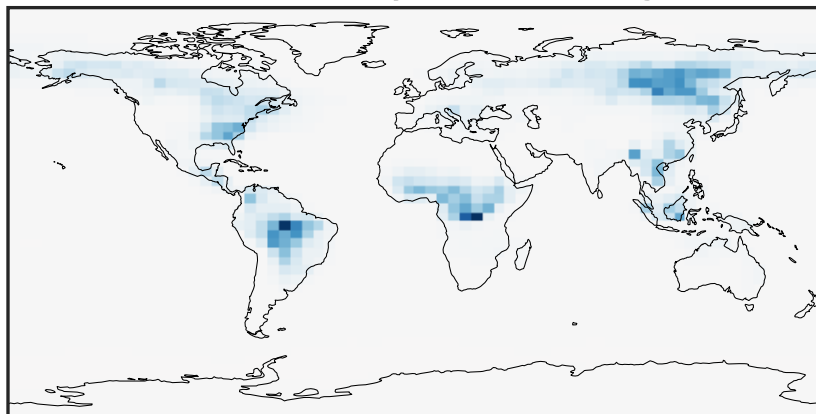
0.0000 0.2344 0.4688 0.7032 0.9376
 $\mu\text{g}/\text{m}^3$

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



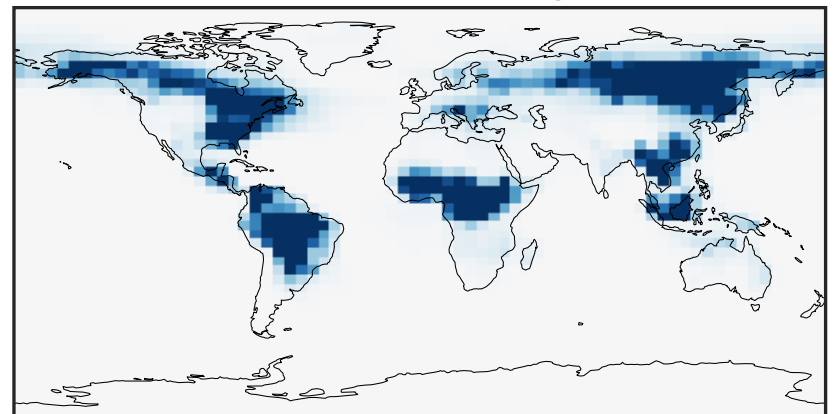
0.0000 0.2344 0.4688 0.7032 0.9376
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



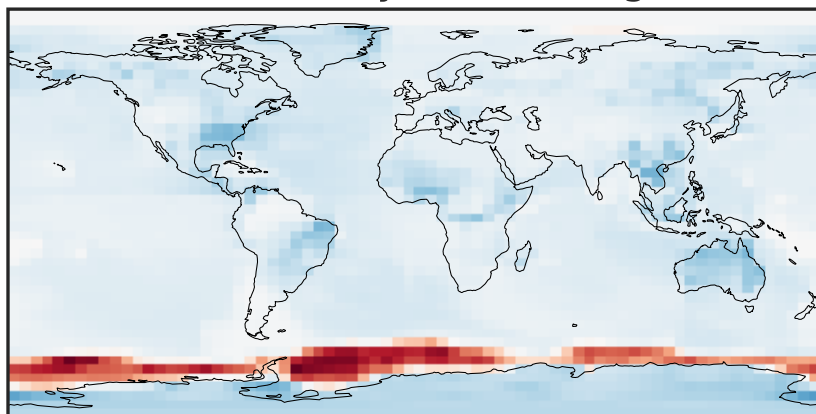
-0.0869 -0.0435 0.0000 0.0435 0.0869
 $\mu\text{g}/\text{m}^3$

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



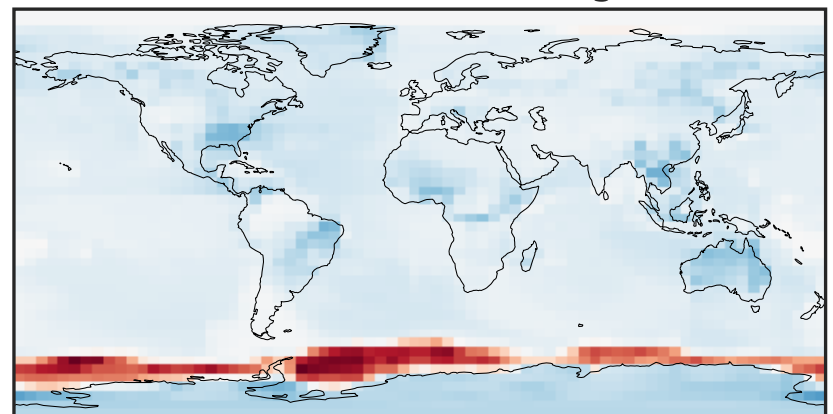
-0.008 0.000 0.008
 $\mu\text{g}/\text{m}^3$

Ratio
Dev/Ref, Dynamic Range



0.495 0.748 1.000 1.509 2.019
unitless

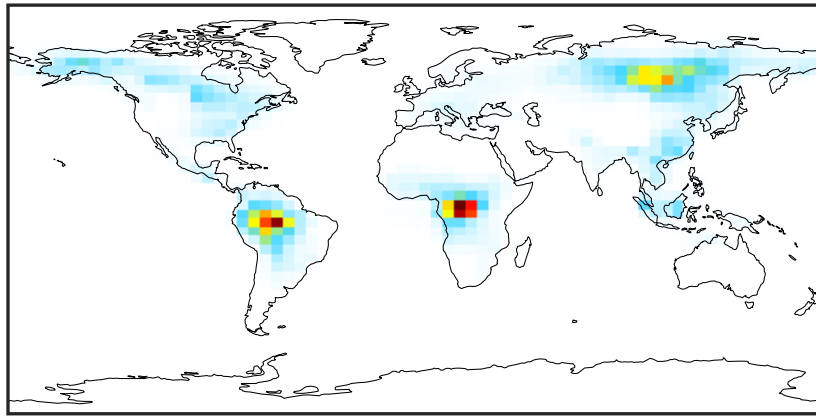
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

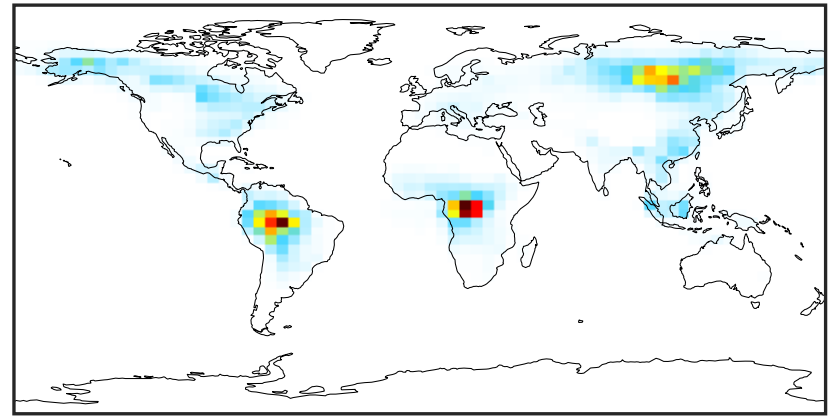
SpeciesConcVV_TSOA2 (Jul2019)

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



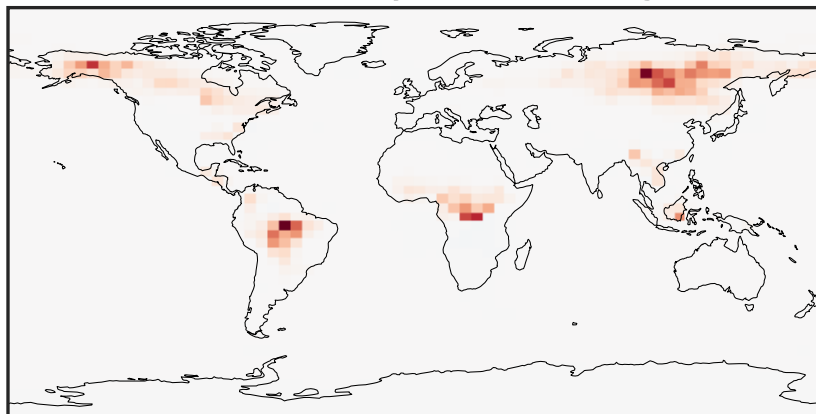
0.000 1.252 2.504 3.757 5.009
 $\mu\text{g}/\text{m}^3$

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



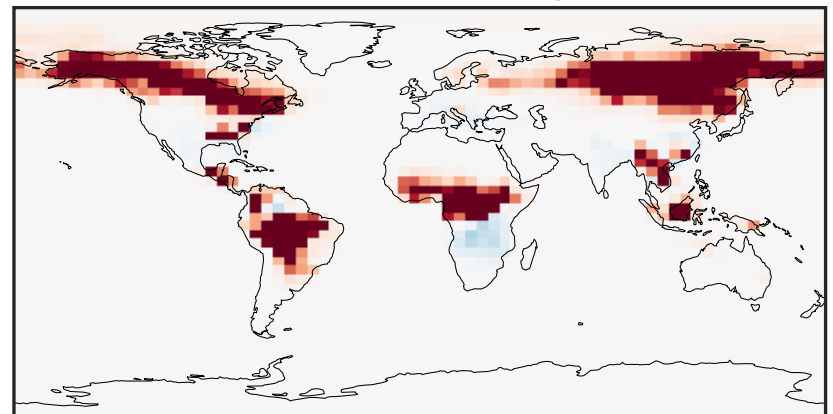
0.000 1.252 2.504 3.757 5.009
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



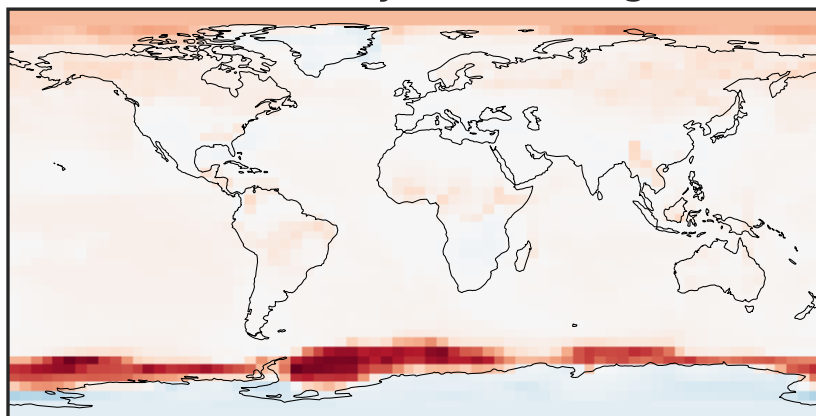
-0.3407 -0.1704 0.0000 0.1704 0.3407
 $\mu\text{g}/\text{m}^3$

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



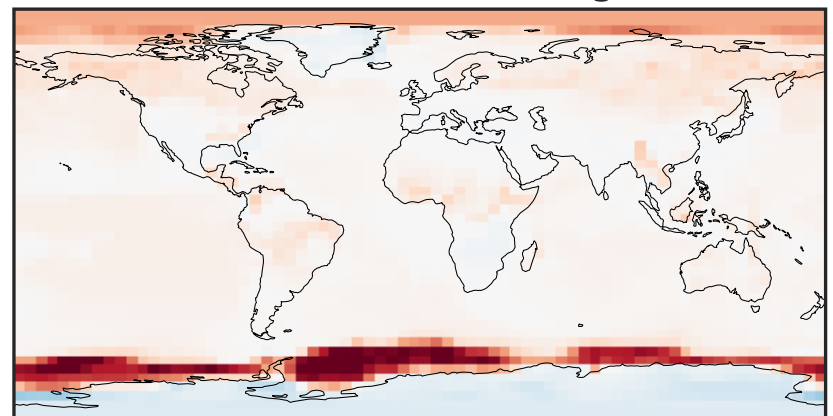
-0.015 0.000 0.015
 $\mu\text{g}/\text{m}^3$

Ratio
Dev/Ref, Dynamic Range



0.437 0.718 1.000 1.644 2.289
unitless

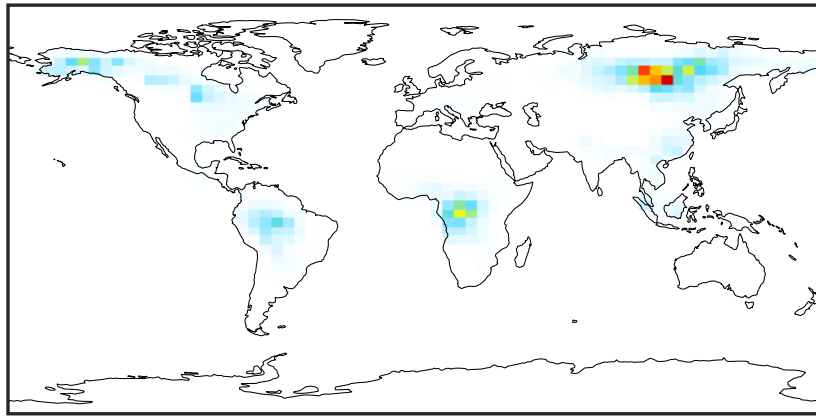
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

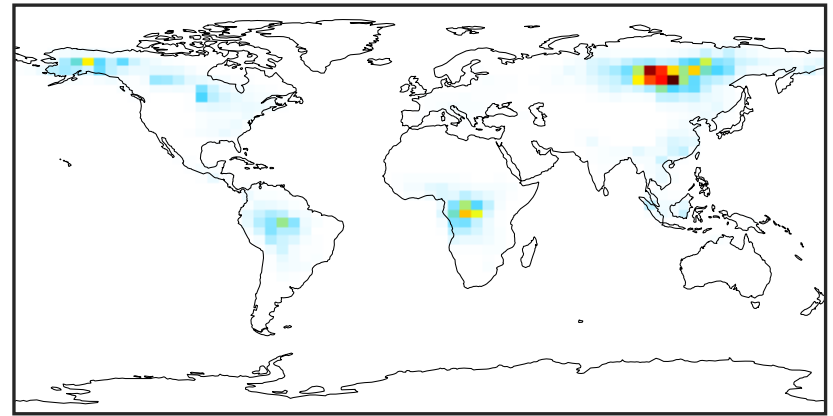
SpeciesConcVV_TSOA3 (Jul2019)

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



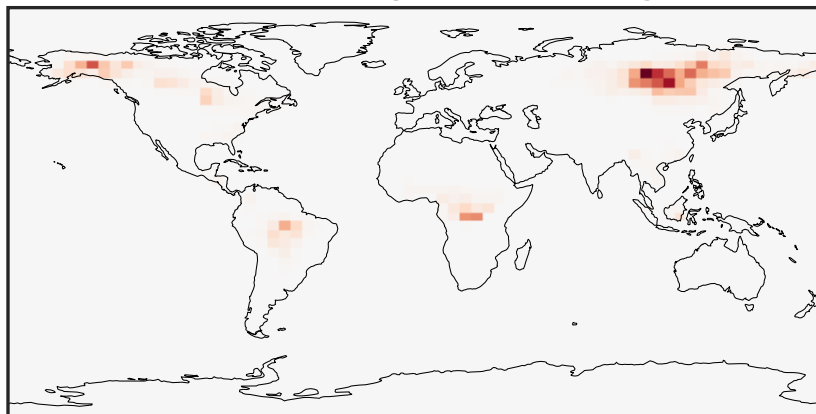
0.000 1.266 2.532 3.798 5.064
 $\mu\text{g}/\text{m}^3$

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



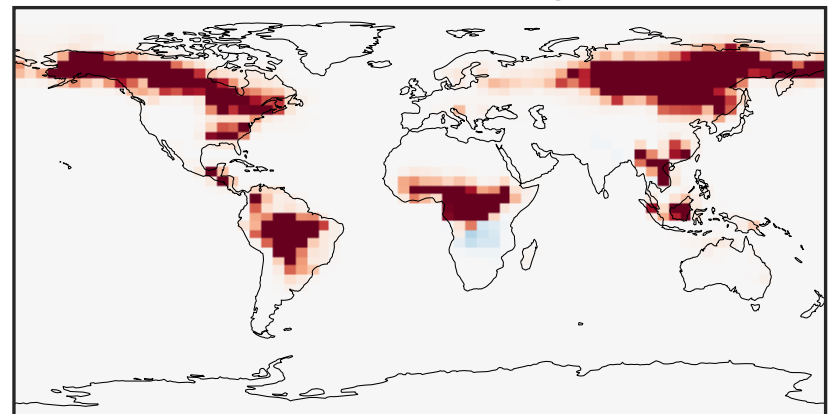
0.000 1.266 2.532 3.798 5.064
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



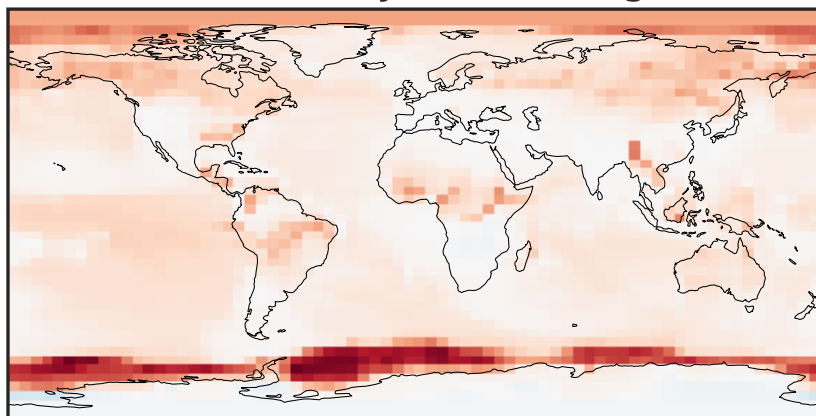
-1.067 -0.533 0.000 0.533 1.067
 $\mu\text{g}/\text{m}^3$

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



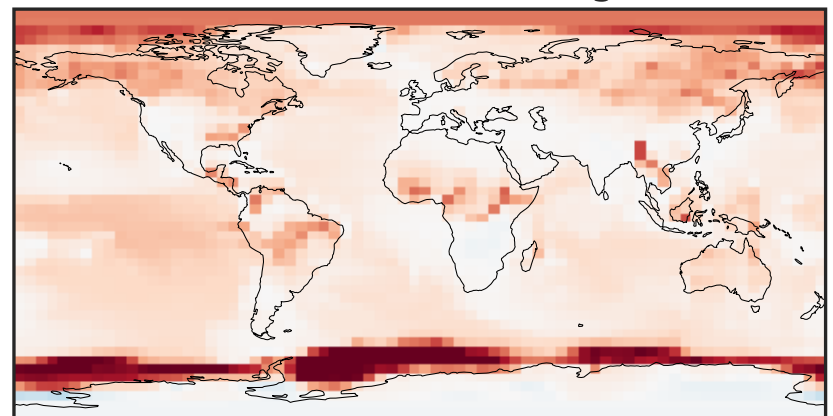
-0.015 0.000 0.015
 $\mu\text{g}/\text{m}^3$

Ratio
Dev/Ref, Dynamic Range



0.402 0.701 1.000 1.743 2.486
unitless

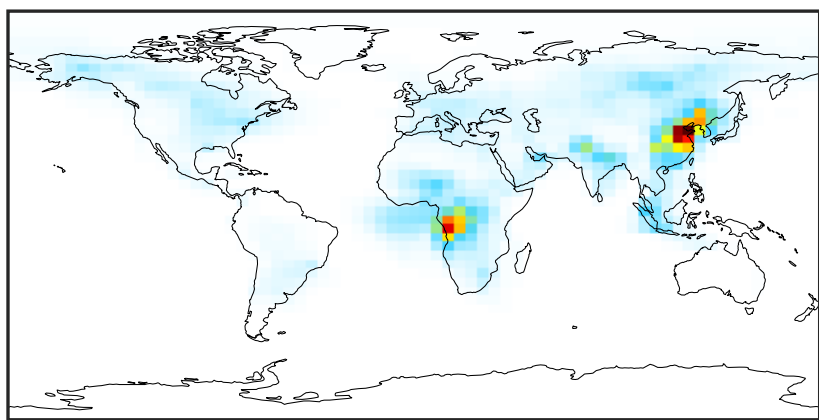
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

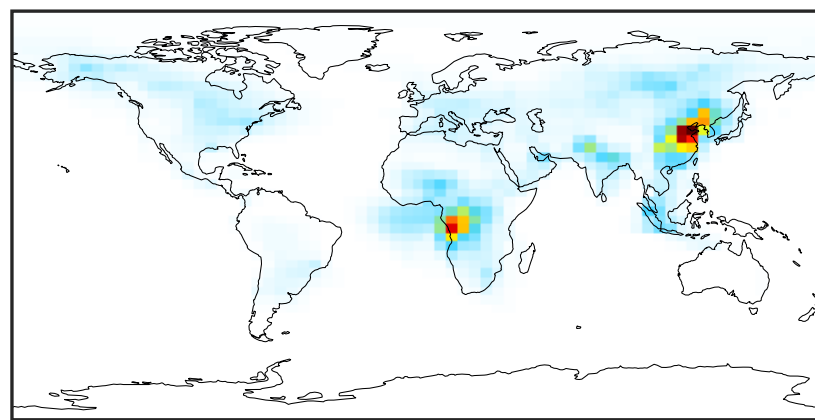
SpeciesConcVV_ASOA1 (Jul2019)

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



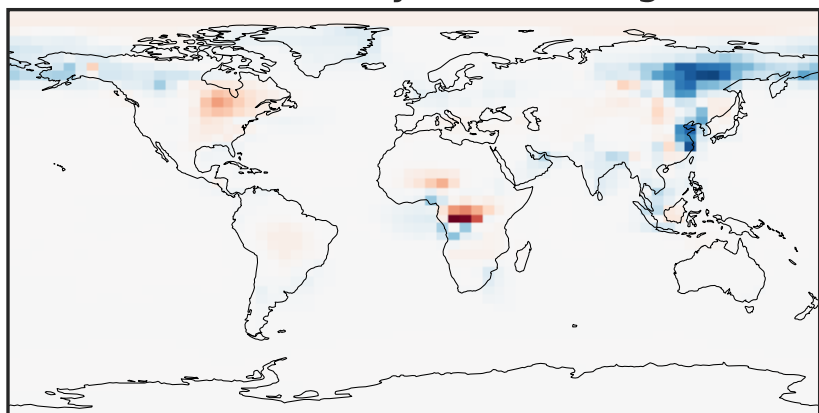
0.0000 0.0315 0.0630 0.0945 0.1260
 $\mu\text{g}/\text{m}^3$

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



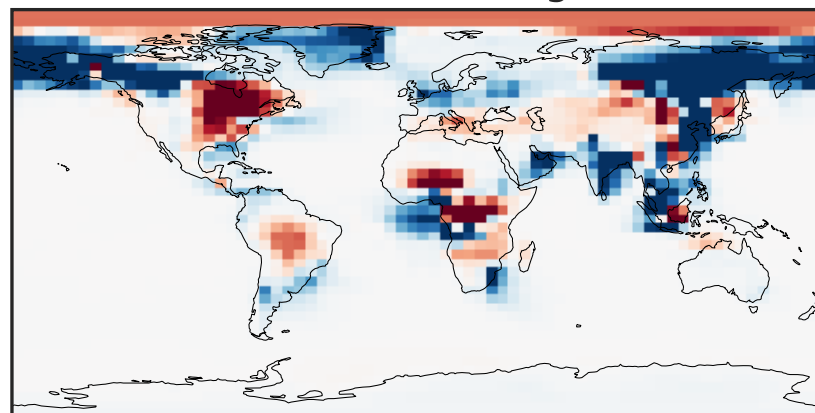
0.0000 0.0315 0.0630 0.0945 0.1260
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



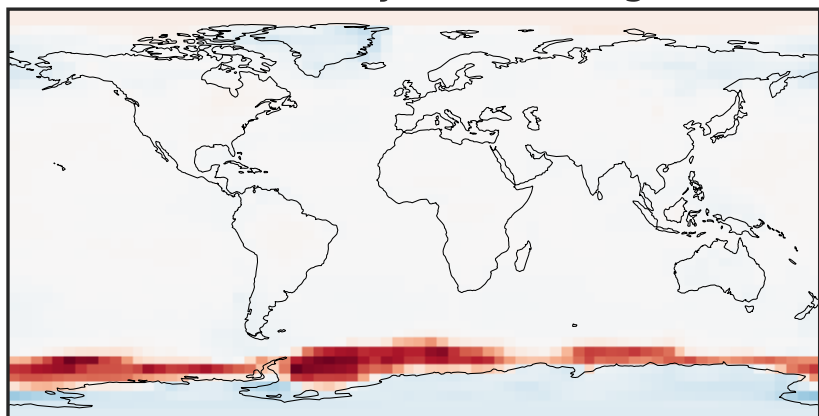
-0.0004 0.0000 0.0004
 $\mu\text{g}/\text{m}^3$

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



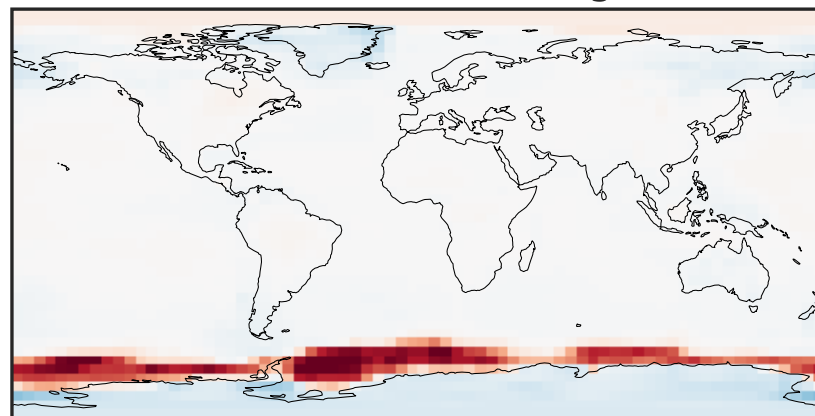
-4 0 4
 $\mu\text{g}/\text{m}^3$ $1\text{e}-5$

Ratio
Dev/Ref, Dynamic Range



0.459 0.730 1.000 1.589 2.178
unitless

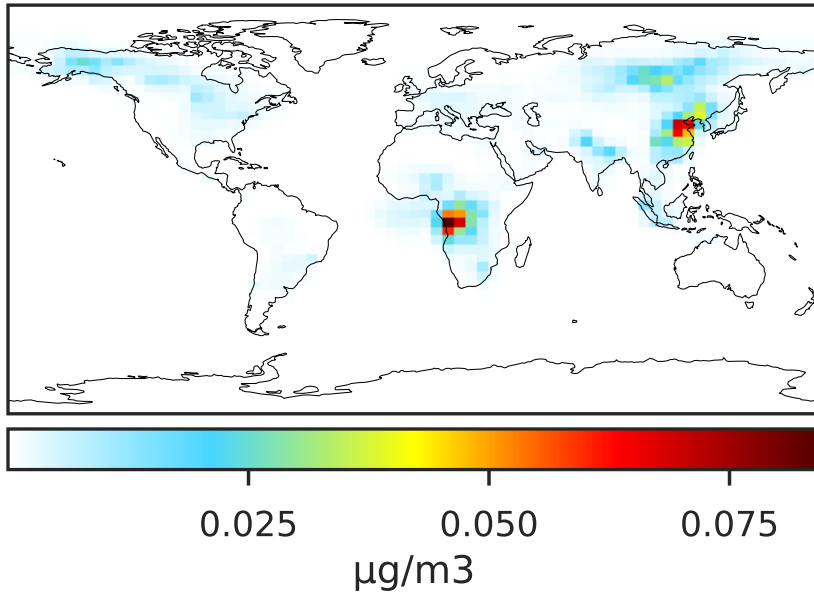
Ratio
Dev/Ref, Fixed Range



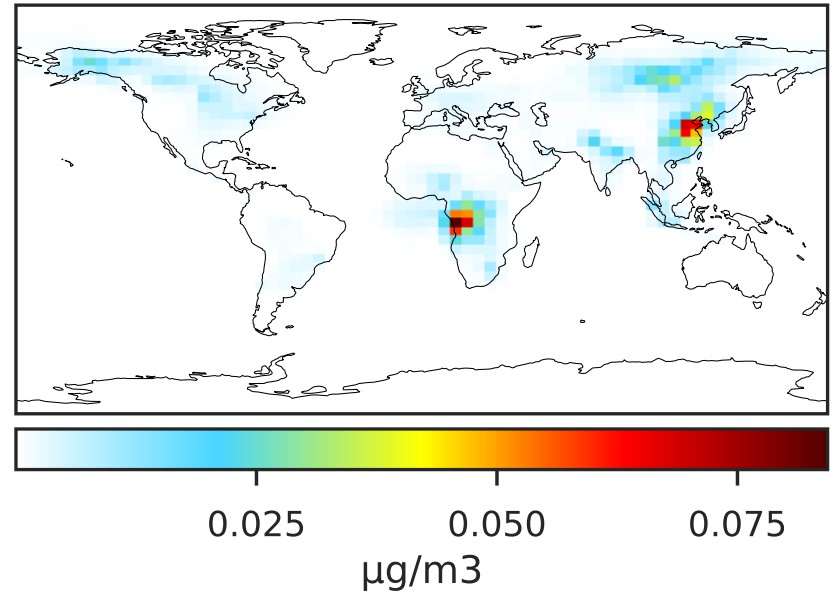
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_ASOA2 (Jul2019)

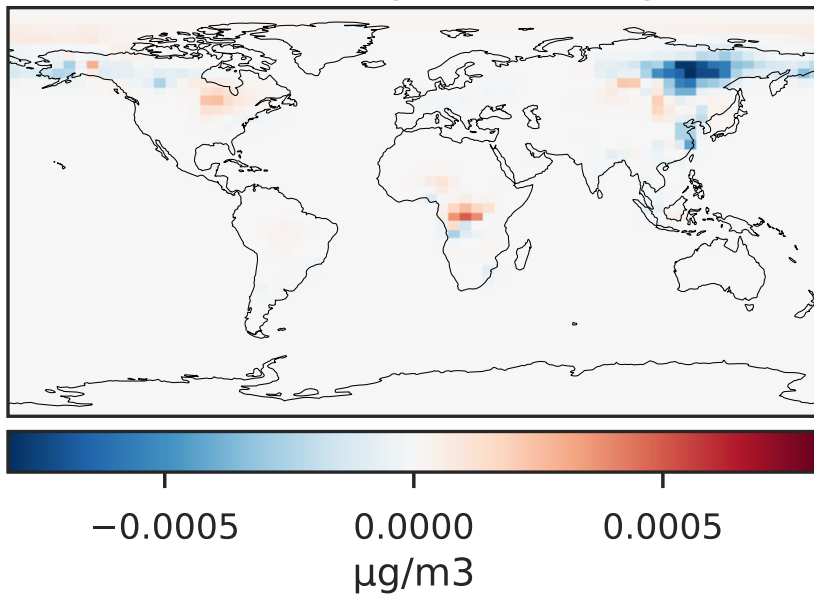
14.2.0-rc.2 (Ref)
4.0x5.0



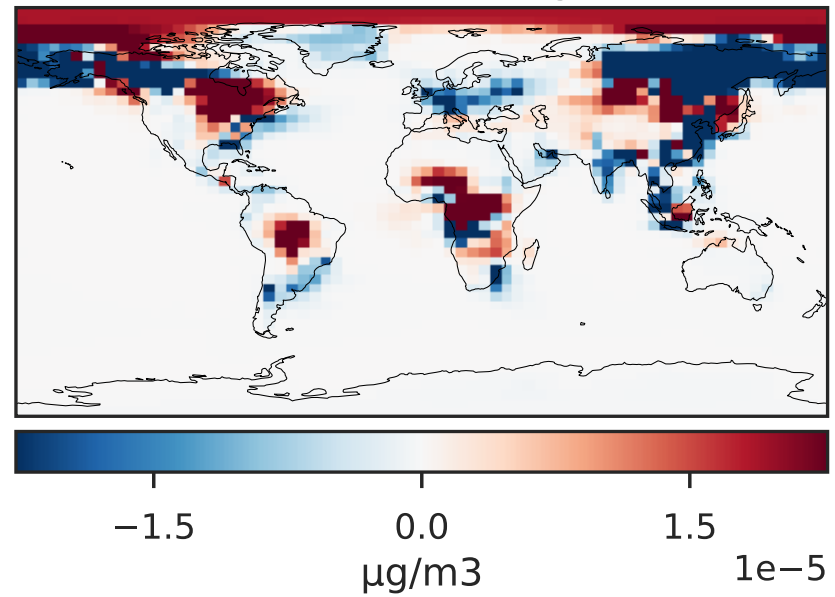
14.3.0-rc.0 (Dev)
4.0x5.0



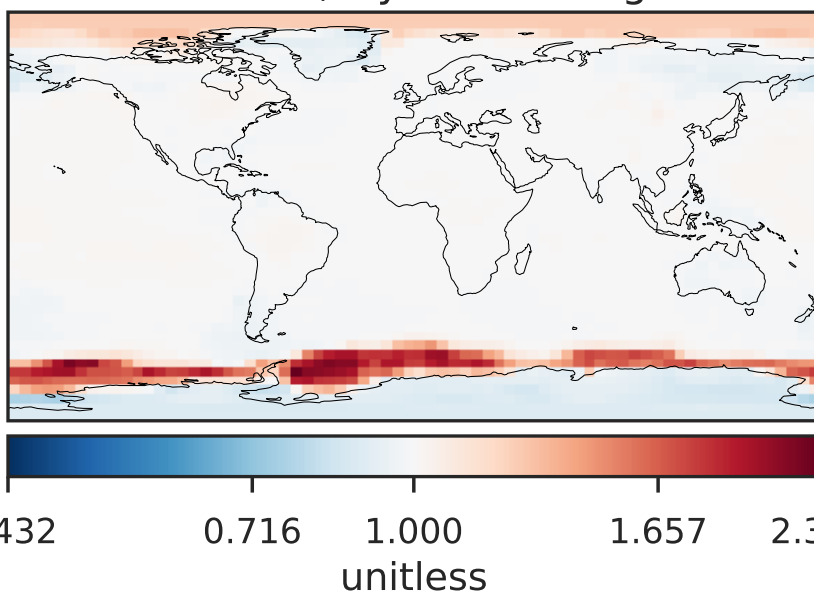
Difference
Dev - Ref, Dynamic Range



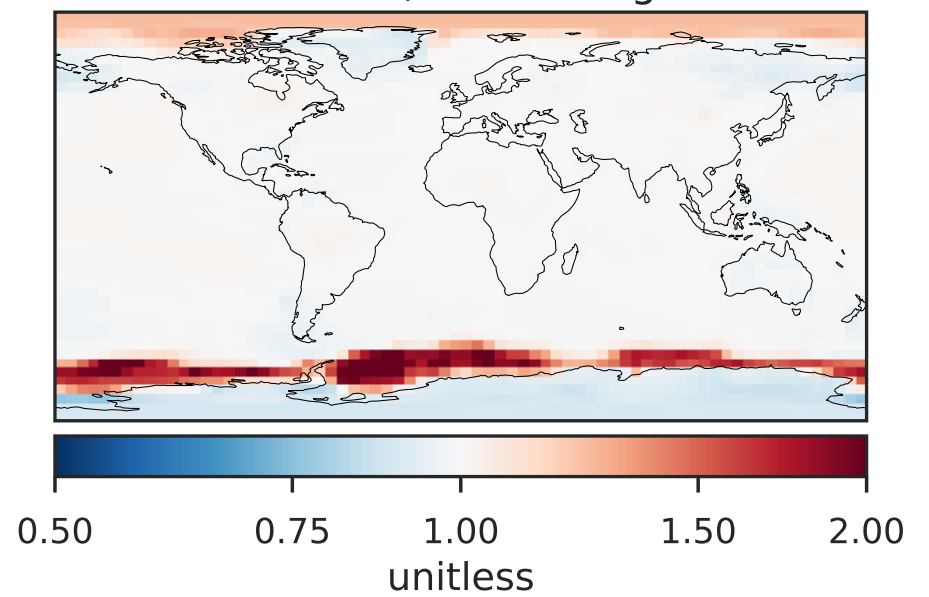
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

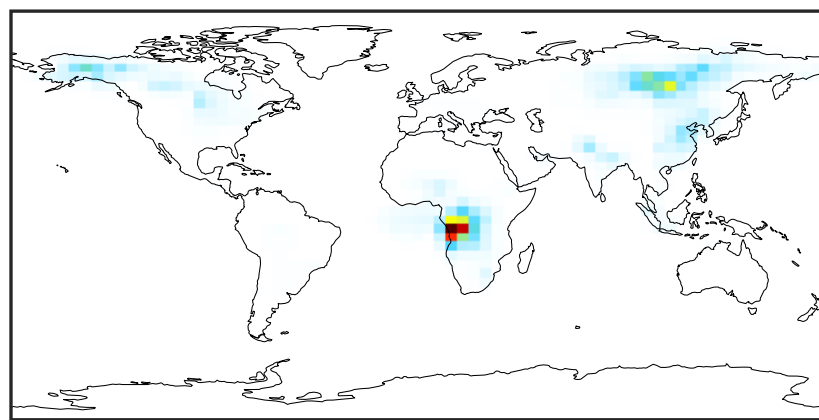


Ratio
Dev/Ref, Fixed Range



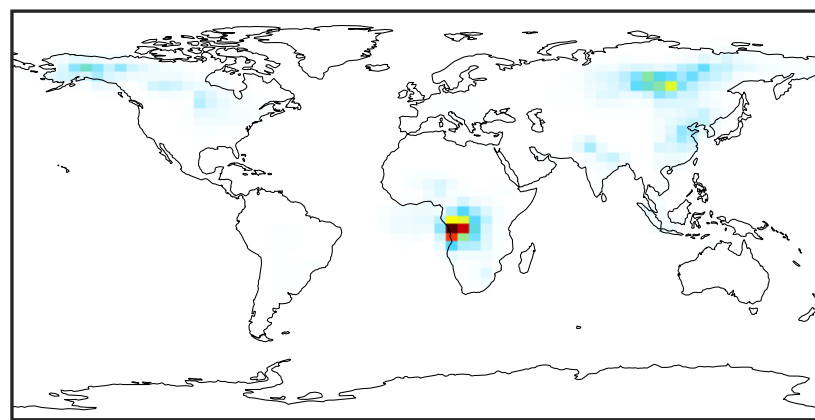
SpeciesConcVV_ASOA3 (Jul2019)

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



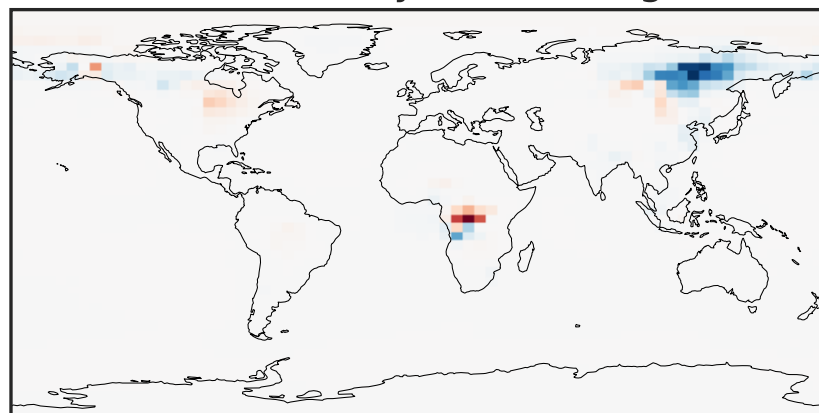
0.0000 0.0505 0.1010 0.1516 0.2021
 $\mu\text{g}/\text{m}^3$

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



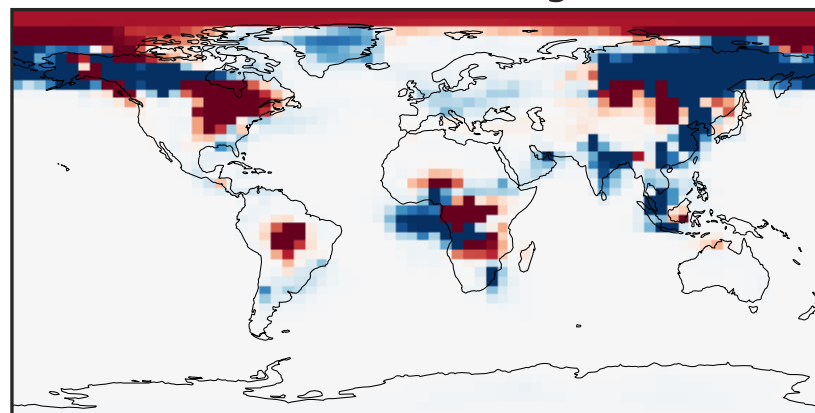
0.0000 0.0505 0.1010 0.1516 0.2021
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



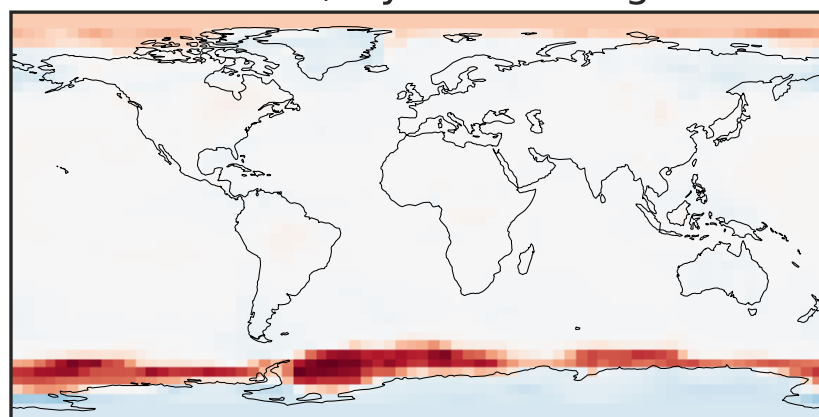
-0.001 0.000 0.001
 $\mu\text{g}/\text{m}^3$

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



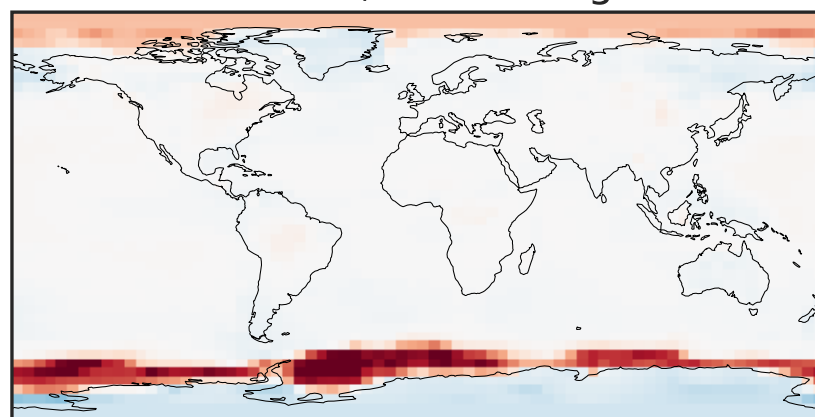
-1.5 0.0 1.5
 $\mu\text{g}/\text{m}^3$ $1\text{e}-5$

Ratio
Dev/Ref, Dynamic Range



0.448 0.724 1.000 1.615 2.230
unitless

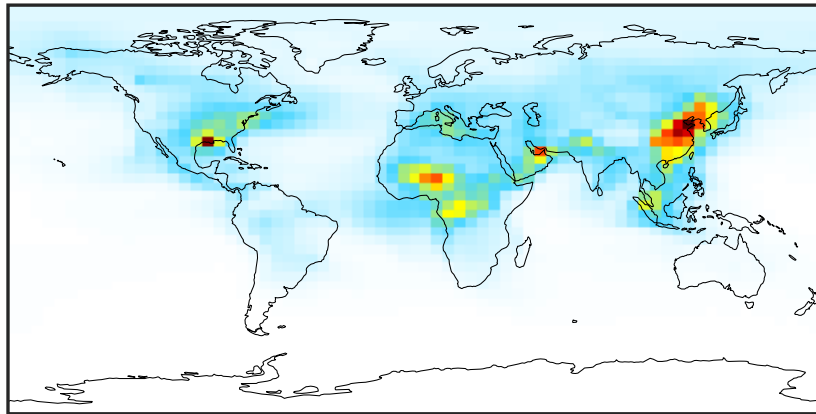
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

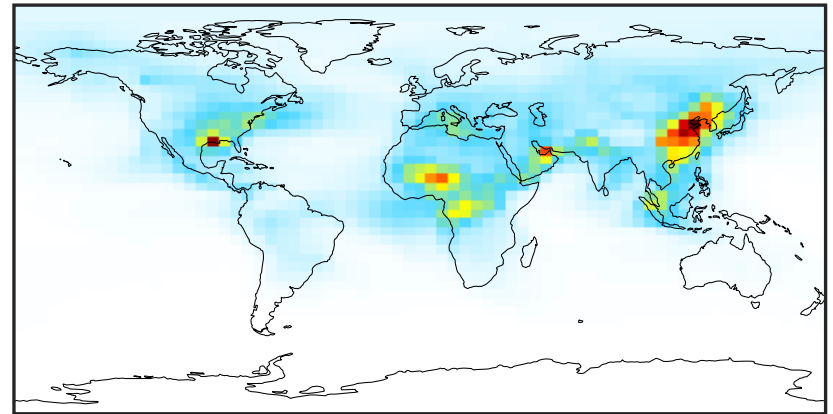
SpeciesConcVV_ASOAN (Jul2019)

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



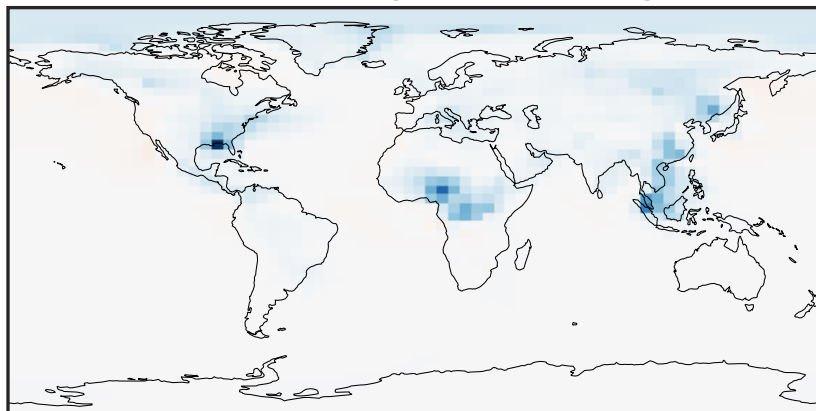
0.0002 0.0827 0.1652 0.2477 0.3302
 $\mu\text{g}/\text{m}^3$

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



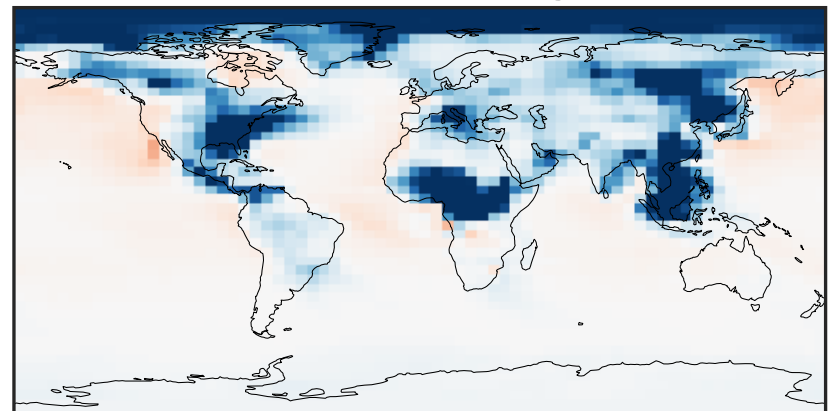
0.0002 0.0827 0.1652 0.2477 0.3302
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



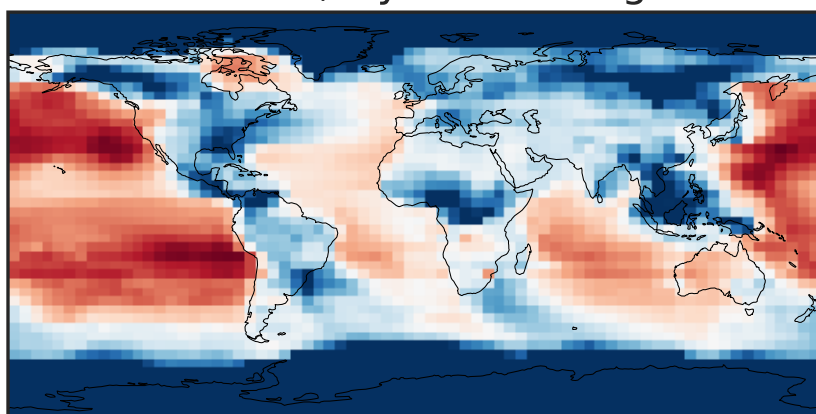
-0.004 0.000 0.004
 $\mu\text{g}/\text{m}^3$

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



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

Ratio
Dev/Ref, Dynamic Range



0.97875 0.98937 1.00000 1.01086 1.02171
unitless

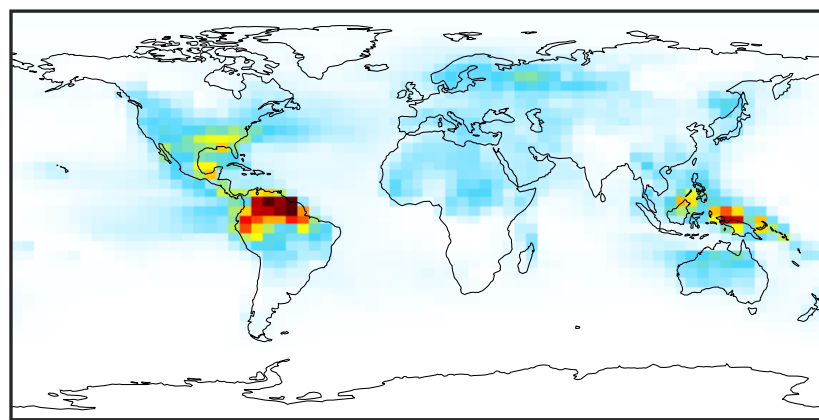
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

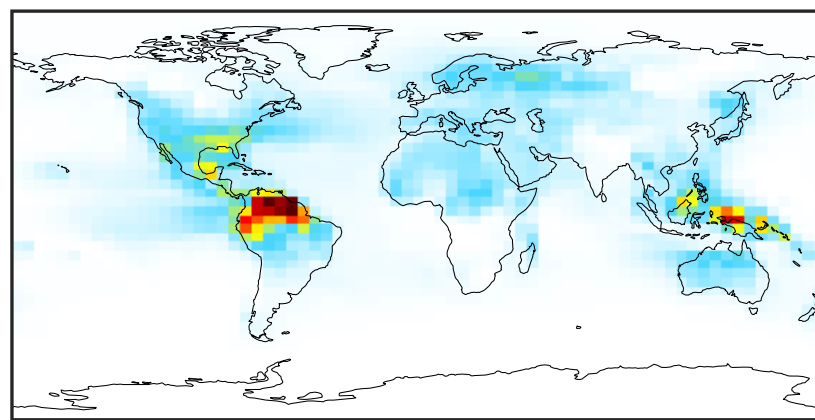
SpeciesConcVV_TSOG0 (Jul2019)

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



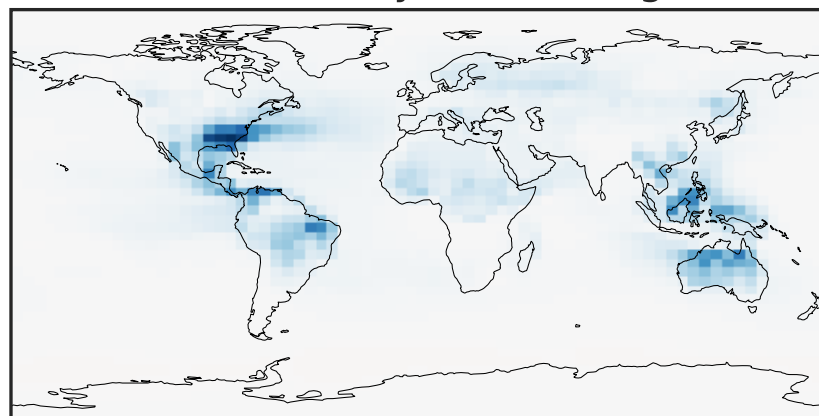
0.015 0.030 0.045
μg/m³

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



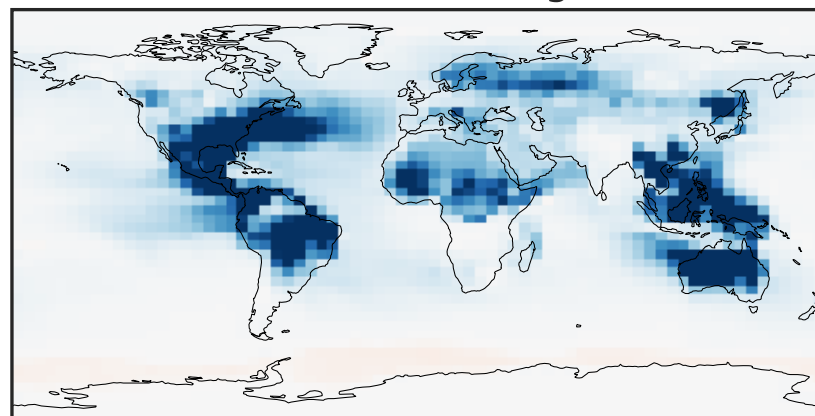
0.015 0.030 0.045
μg/m³

Difference
Dev - Ref, Dynamic Range



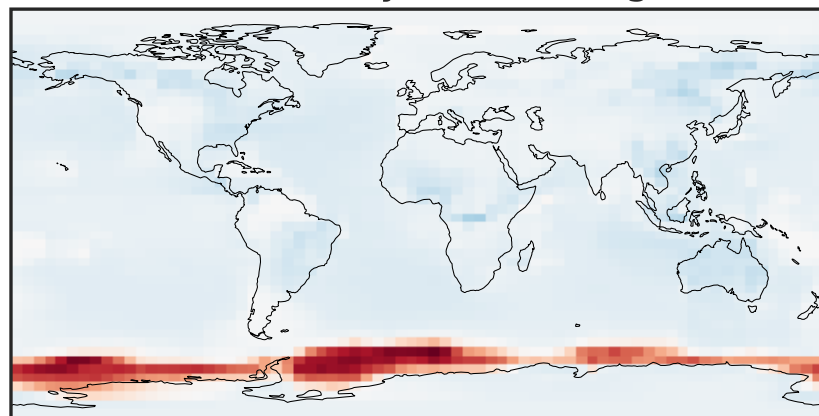
-0.002 0.000 0.002
μg/m³

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



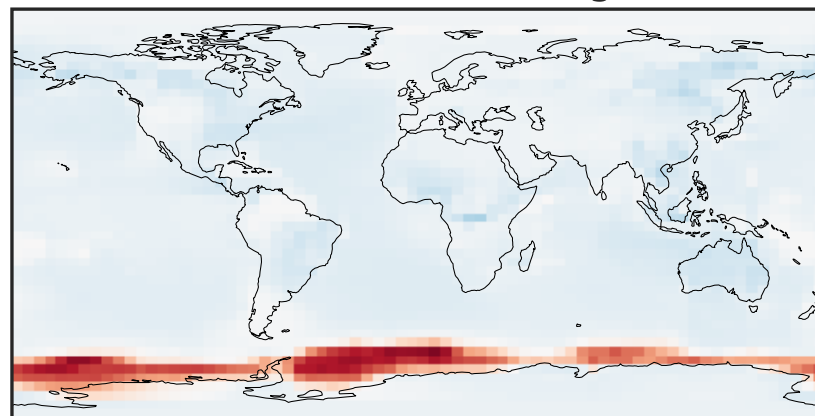
-0.0004 0.0000 0.0004
μg/m³

Ratio
Dev/Ref, Dynamic Range



0.523 0.761 1.000 1.457 1.913
unitless

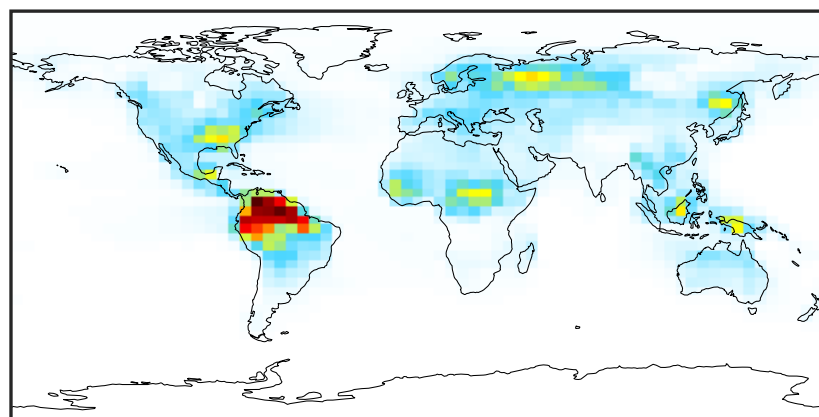
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

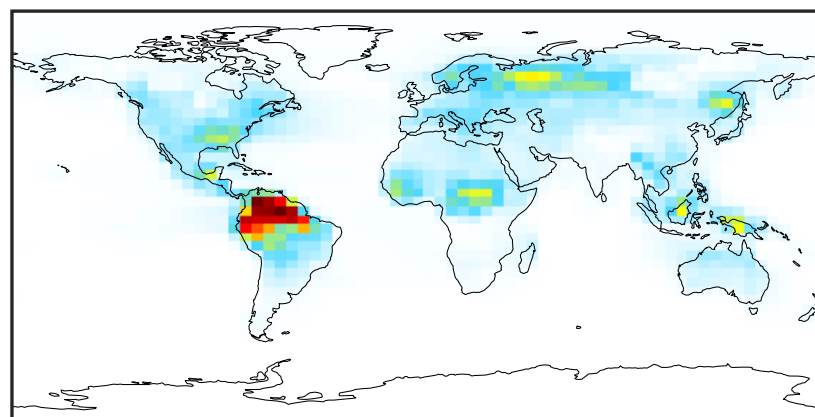
SpeciesConcVV_TSOG1 (Jul2019)

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



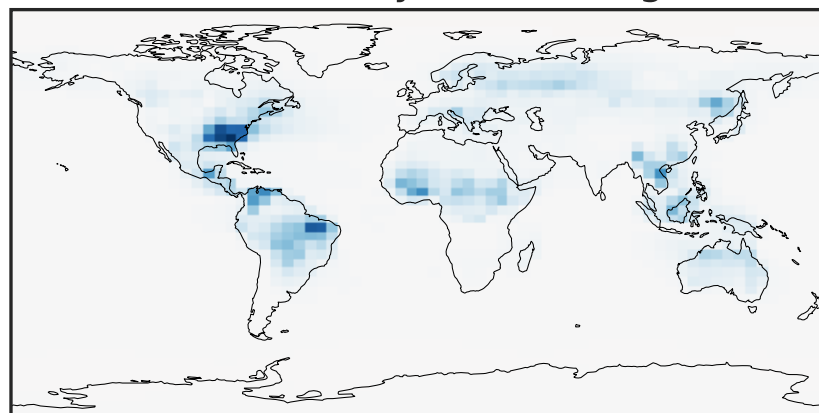
0.0000 0.0372 0.0744 0.1116 0.1488
 $\mu\text{g}/\text{m}^3$

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



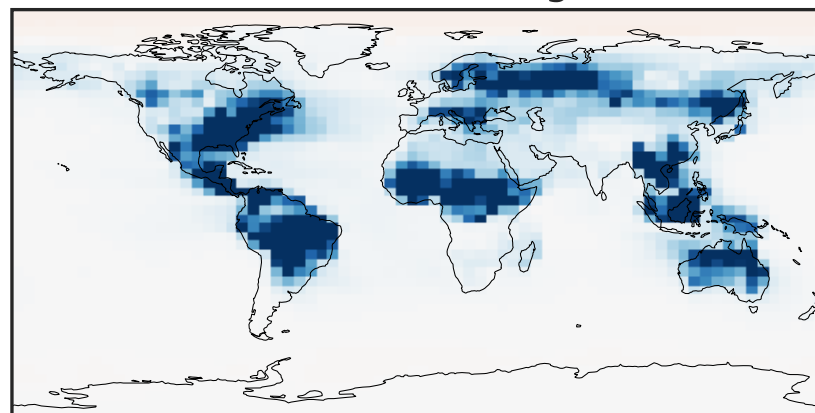
0.0000 0.0372 0.0744 0.1116 0.1488
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



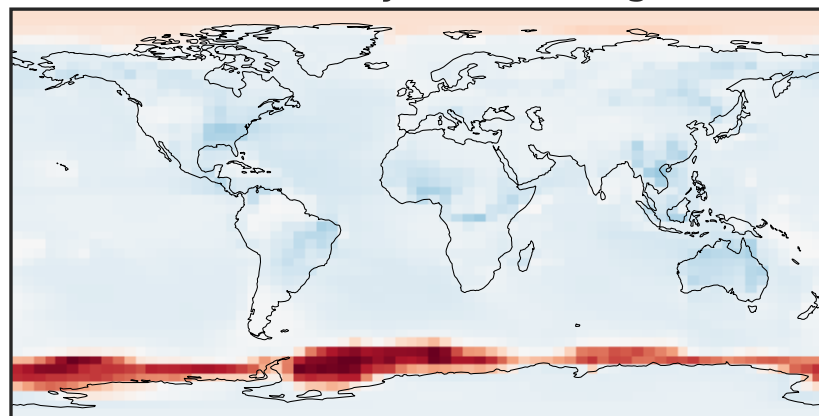
-0.01 0.00 0.01
 $\mu\text{g}/\text{m}^3$

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



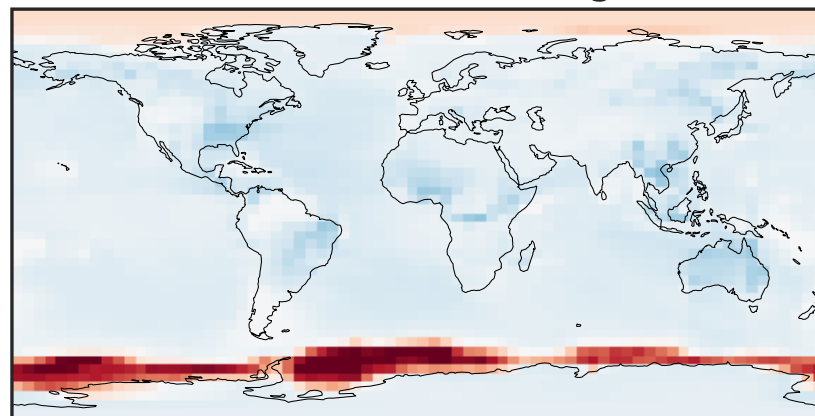
-0.0015 0.0000 0.0015
 $\mu\text{g}/\text{m}^3$

Ratio
Dev/Ref, Dynamic Range



0.461 0.730 1.000 1.585 2.171
unitless

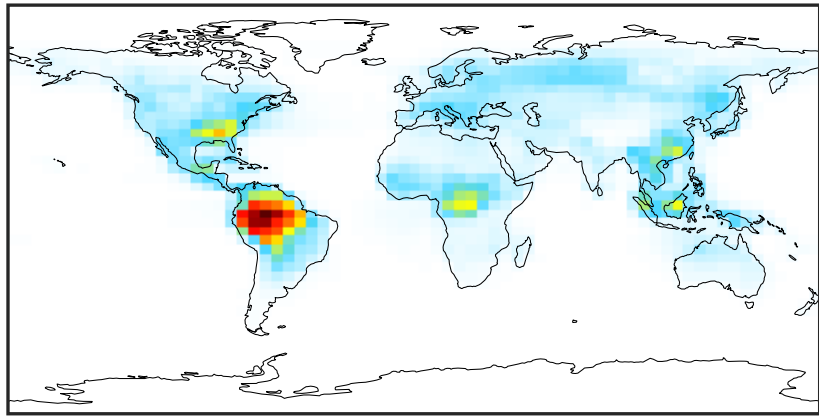
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

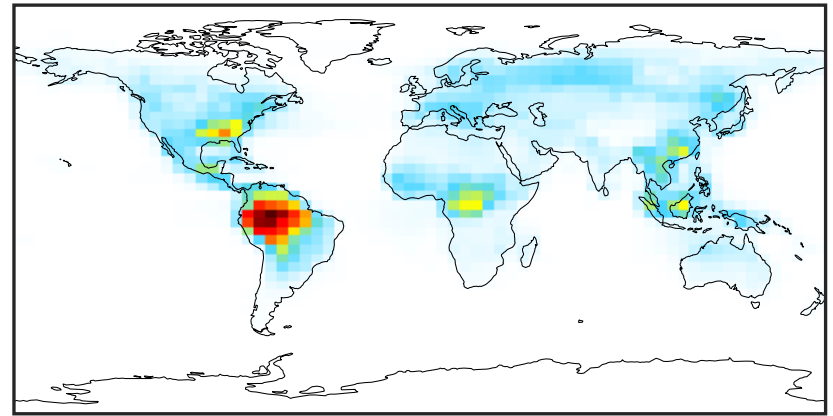
SpeciesConcVV_TSOG2 (Jul2019)

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



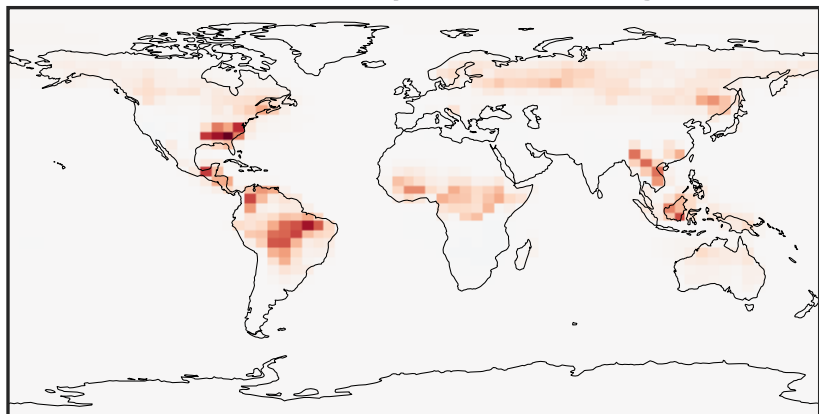
0.000 0.898 1.796 2.694 3.592
µg/m³

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



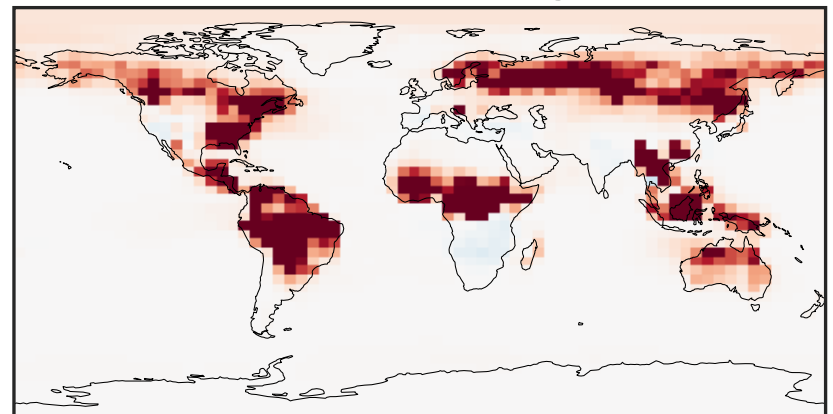
0.000 0.898 1.796 2.694 3.592
µg/m³

Difference
Dev - Ref, Dynamic Range



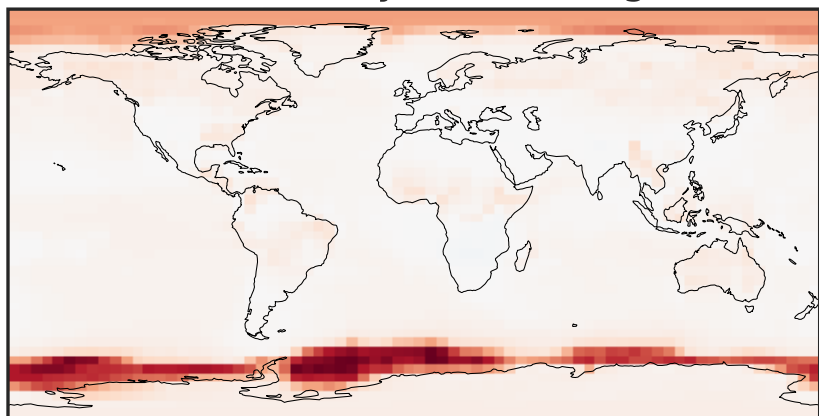
-0.1968 -0.0984 0.0000 0.0984 0.1968
µg/m³

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



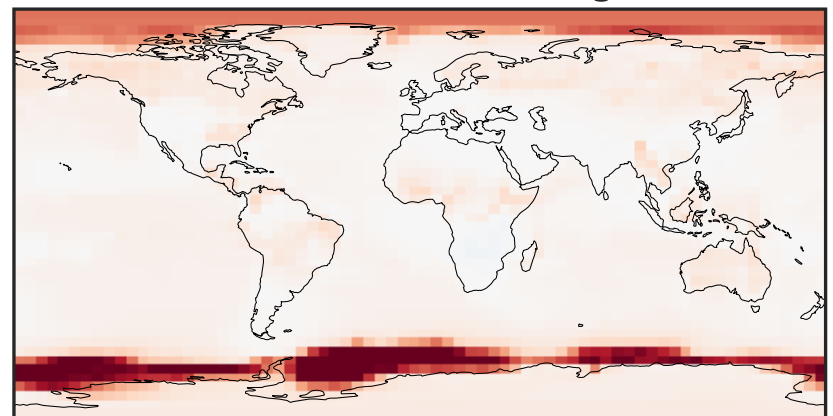
-0.015 0.000 0.015
µg/m³

Ratio
Dev/Ref, Dynamic Range



0.401 0.701 1.000 1.746 2.492
unitless

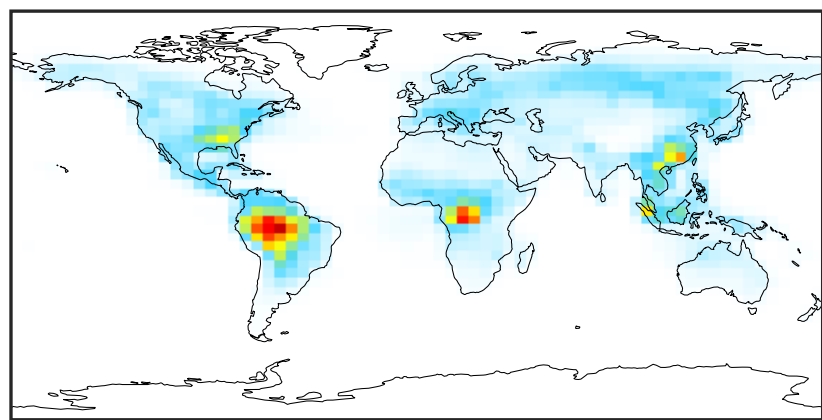
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

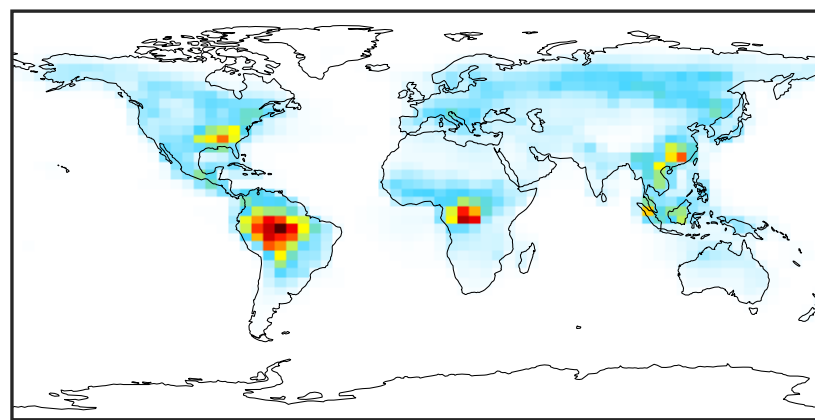
SpeciesConcVV_TSOG3 (Jul2019)

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



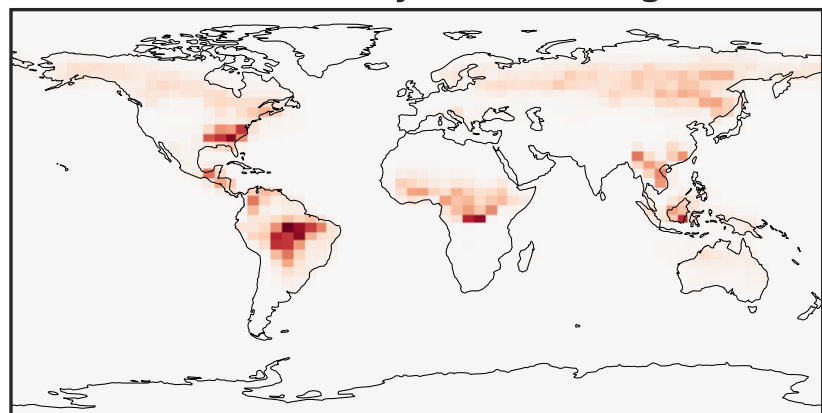
0.000 2.219 4.437 6.656 8.875
 $\mu\text{g}/\text{m}^3$

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



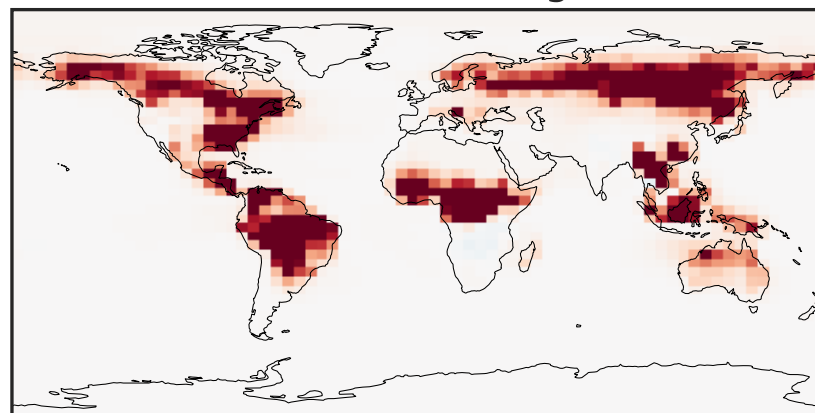
0.000 2.219 4.437 6.656 8.875
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



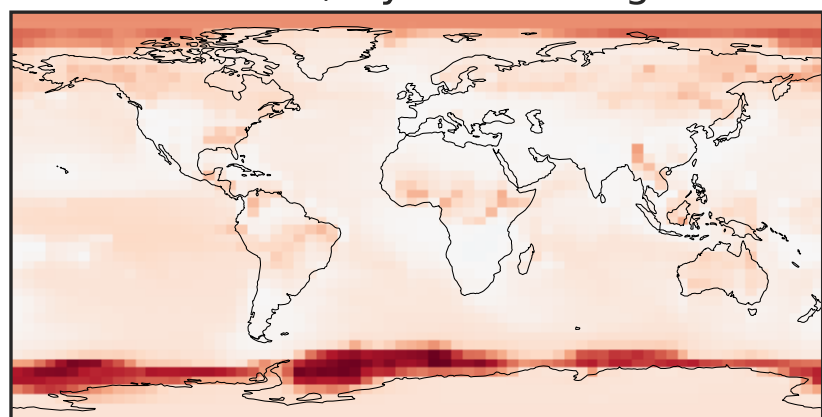
-1.488 -0.744 0.000 0.744 1.488
 $\mu\text{g}/\text{m}^3$

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



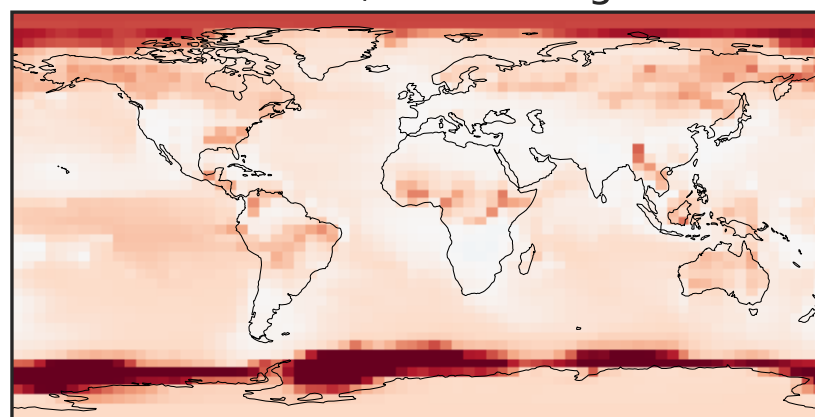
-0.2162 -0.1081 0.0000 0.1081 0.2162
 $\mu\text{g}/\text{m}^3$

Ratio
Dev/Ref, Dynamic Range



0.366 0.683 1.000 1.867 2.734
unitless

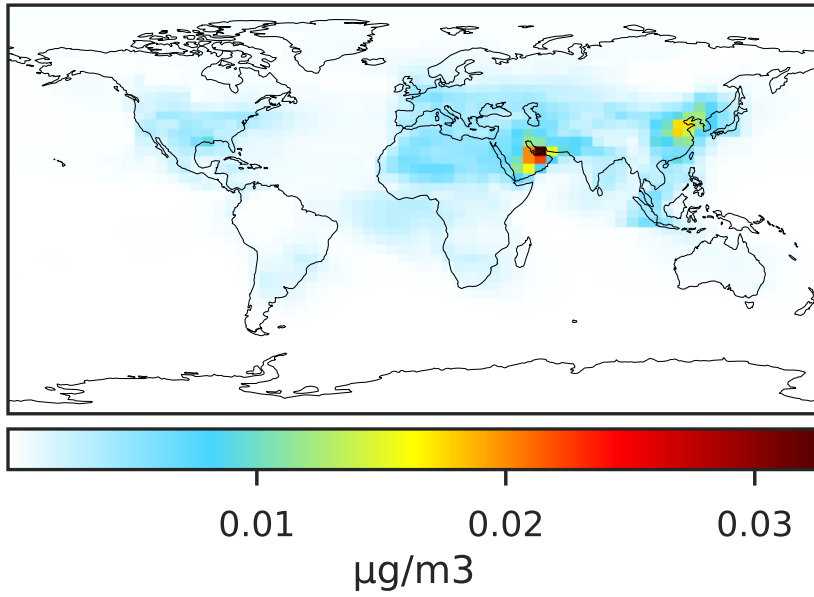
Ratio
Dev/Ref, Fixed Range



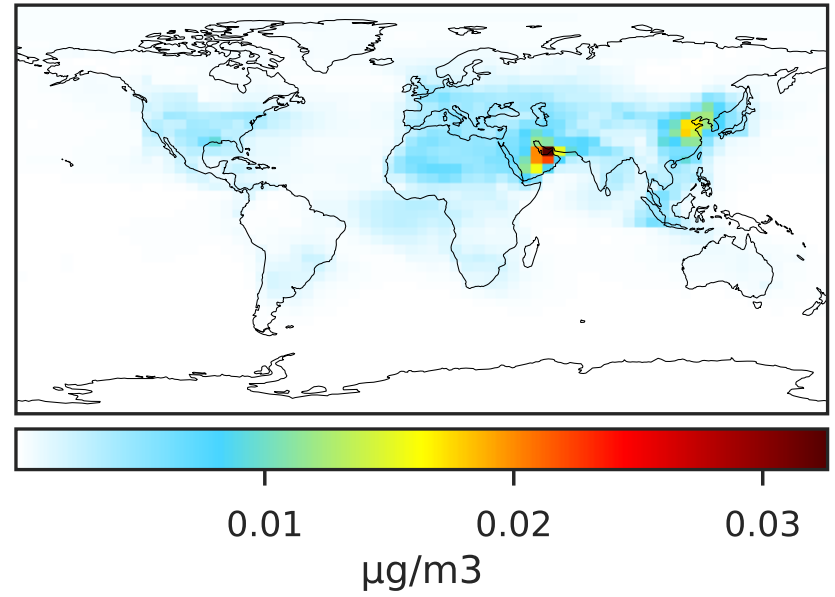
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_ASOG1 (Jul2019)

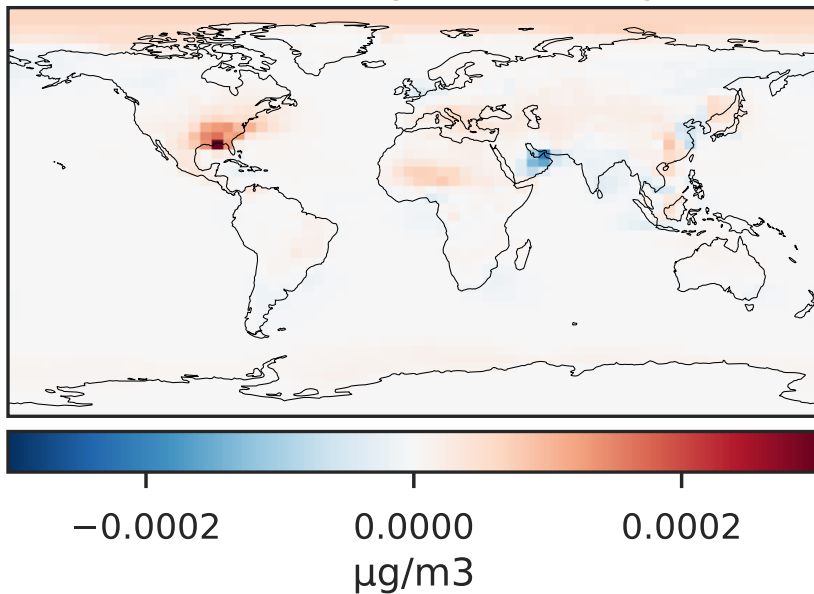
14.2.0-rc.2 (Ref)
4.0x5.0



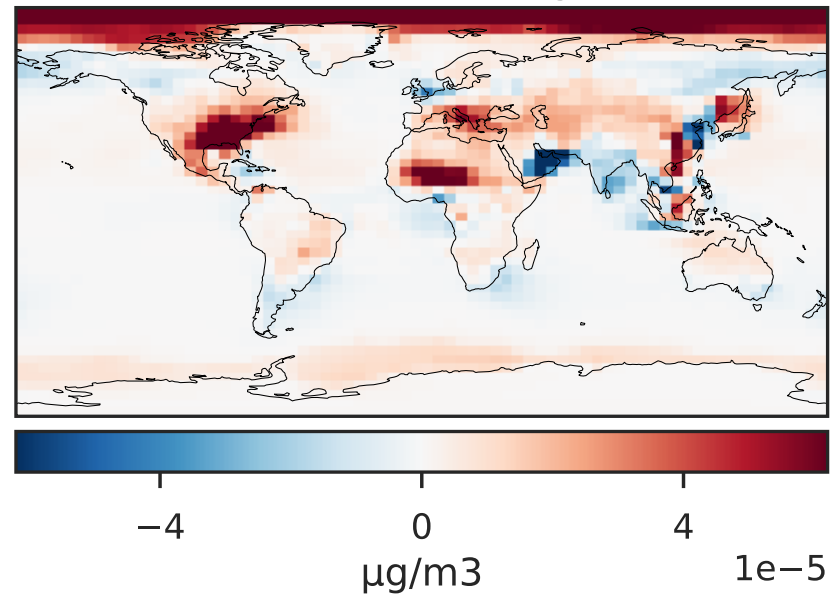
14.3.0-rc.0 (Dev)
4.0x5.0



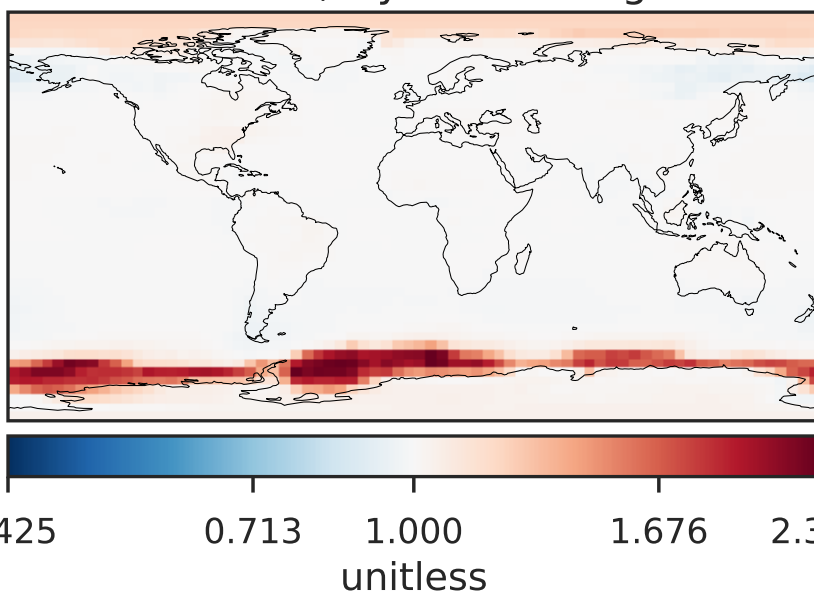
Difference
Dev - Ref, Dynamic Range



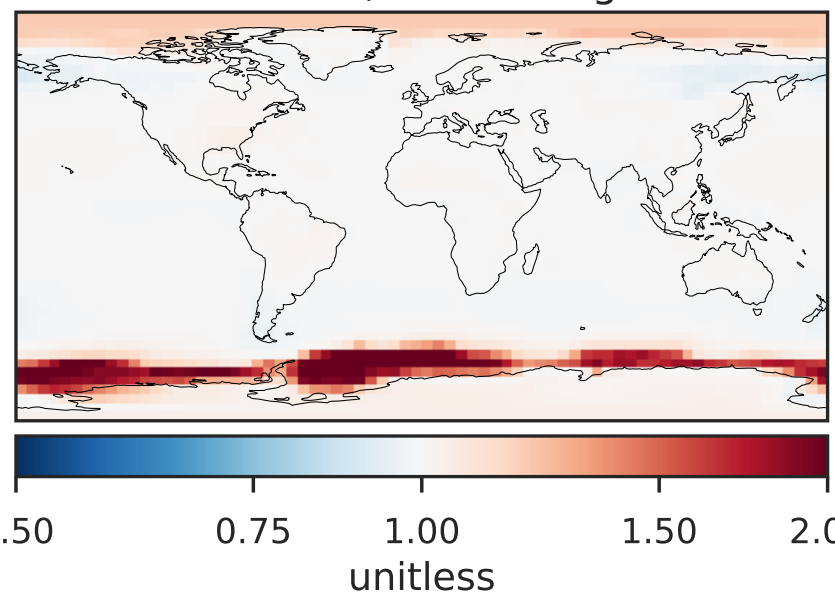
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

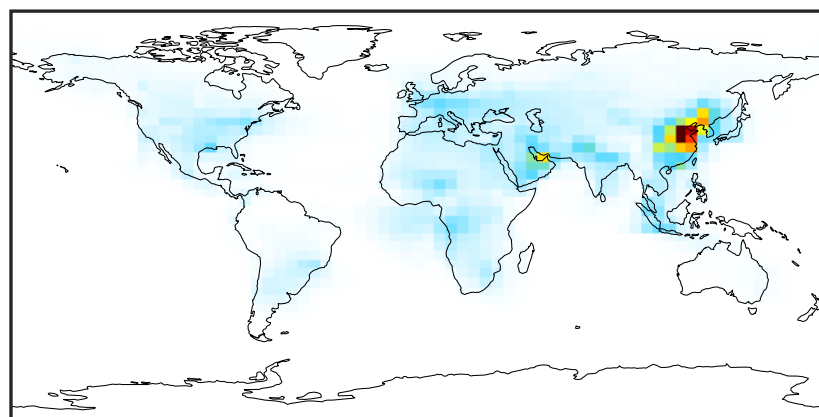


Ratio
Dev/Ref, Fixed Range



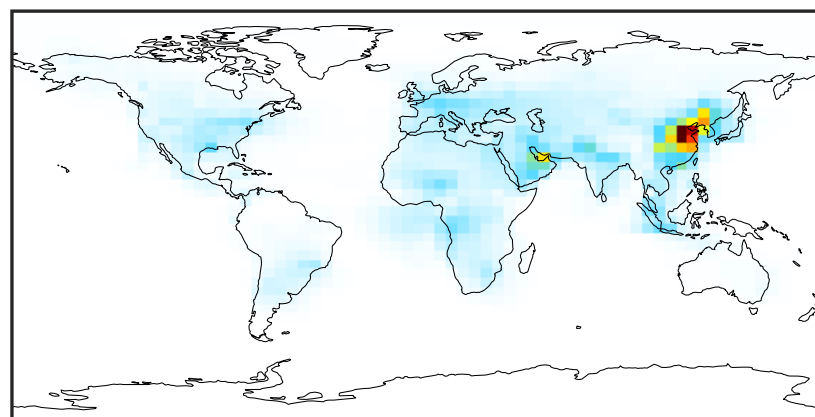
SpeciesConcVV_ASOG2 (Jul2019)

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



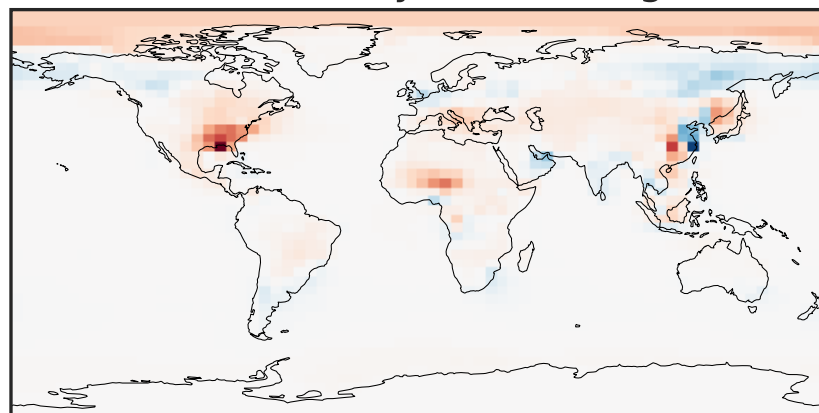
0.025 0.050 0.075
µg/m³

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



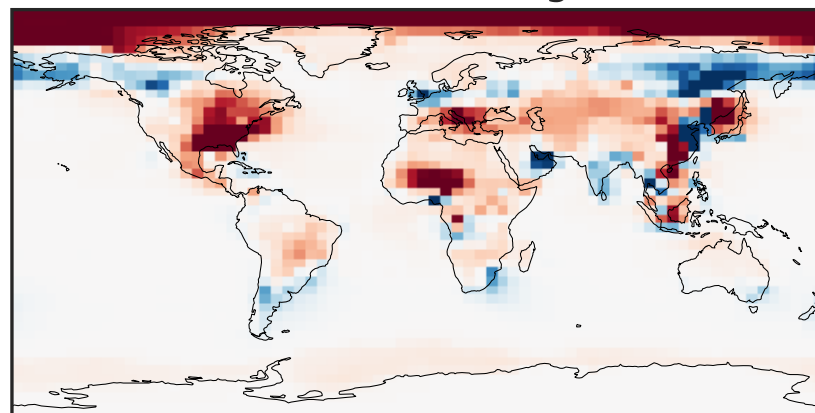
0.025 0.050 0.075
µg/m³

Difference
Dev - Ref, Dynamic Range



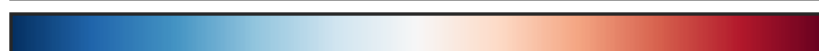
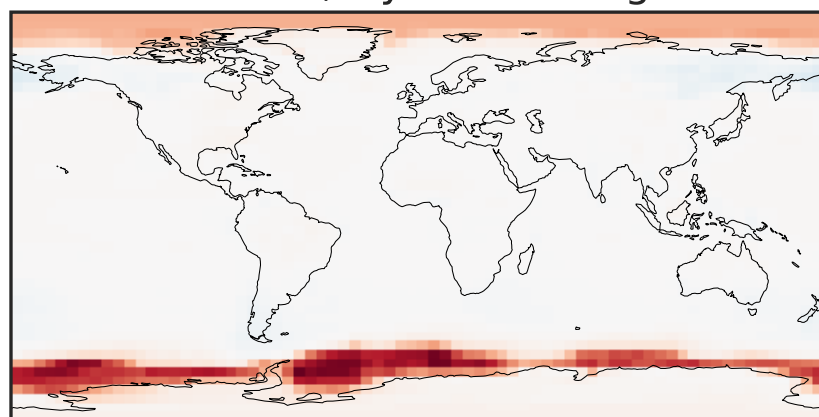
-0.00025 0.00000 0.00025
µg/m³

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



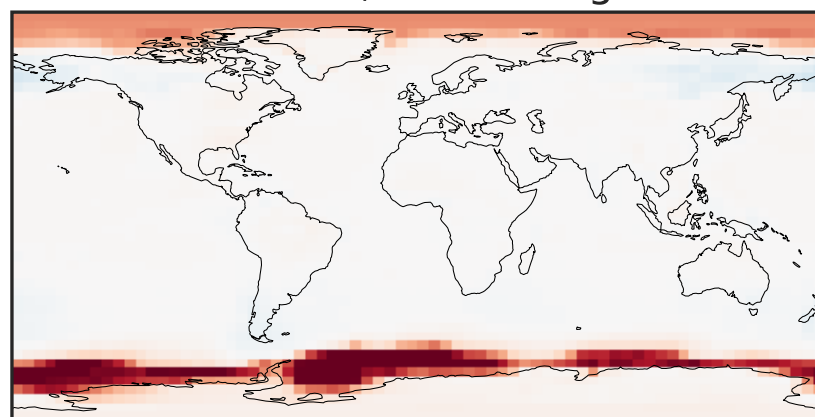
-6 0 6
µg/m³ 1e-5

Ratio
Dev/Ref, Dynamic Range



0.404 0.702 1.000 1.737 2.474
unitless

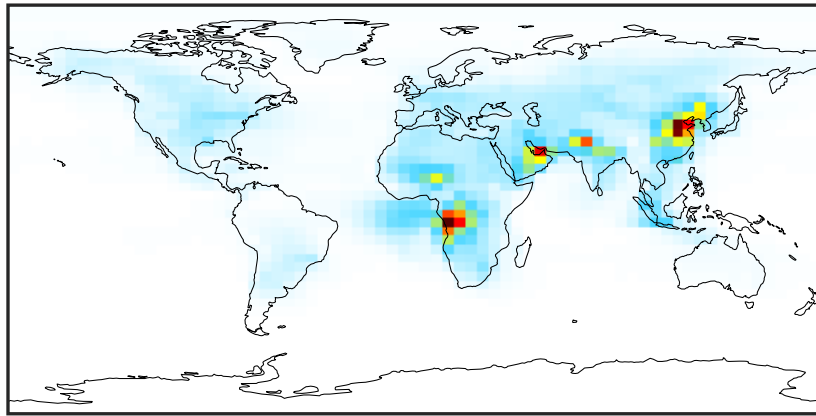
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

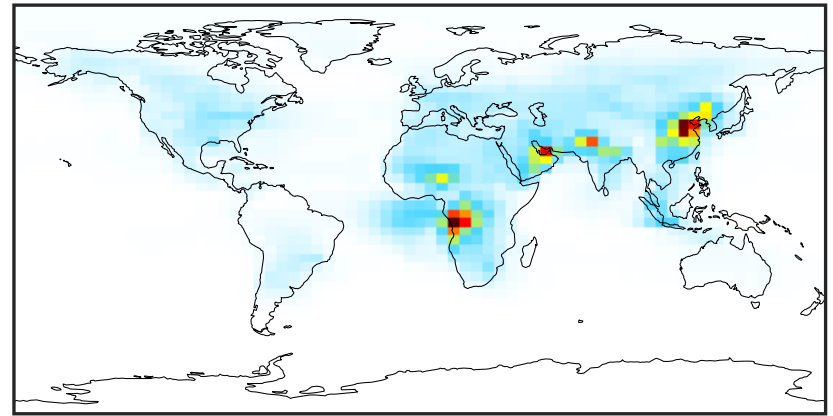
SpeciesConcVV_ASOG3 (Jul2019)

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



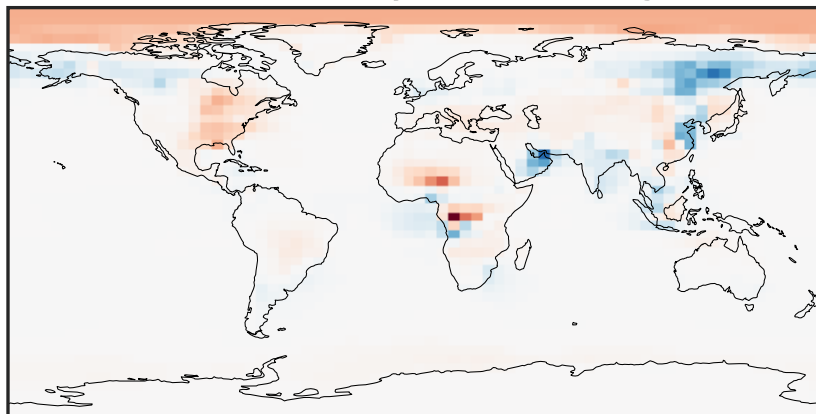
0.0000 0.1054 0.2108 0.3161 0.4215
 $\mu\text{g}/\text{m}^3$

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



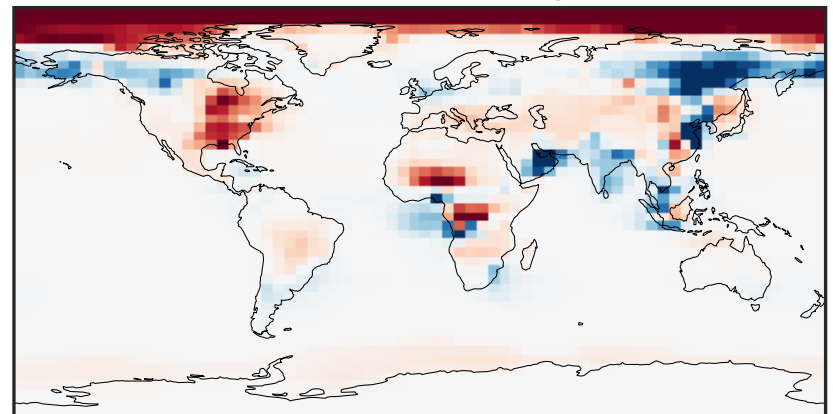
0.0000 0.1054 0.2108 0.3161 0.4215
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



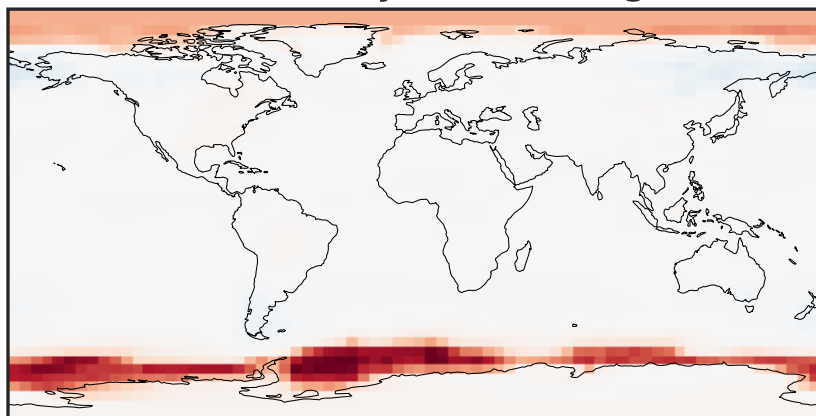
-0.002 0.000 0.002
 $\mu\text{g}/\text{m}^3$

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



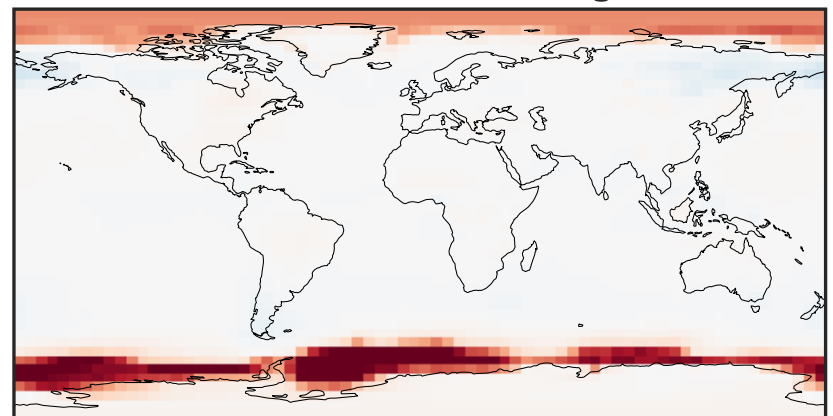
-0.0008 0.0000 0.0008
 $\mu\text{g}/\text{m}^3$

Ratio
Dev/Ref, Dynamic Range



0.411 0.705 1.000 1.717 2.434
unitless

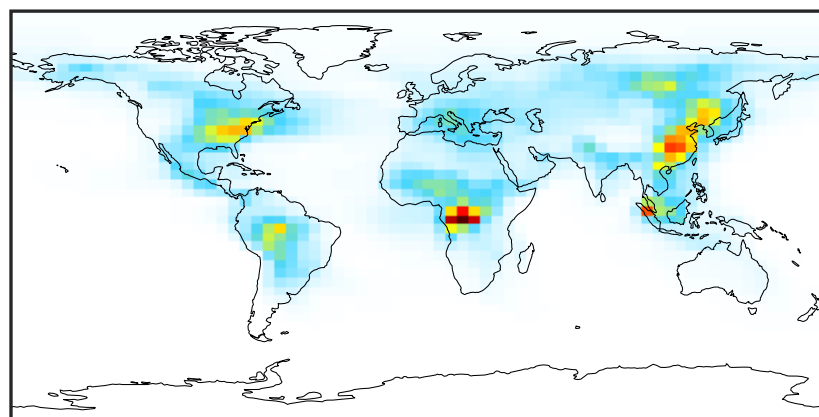
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

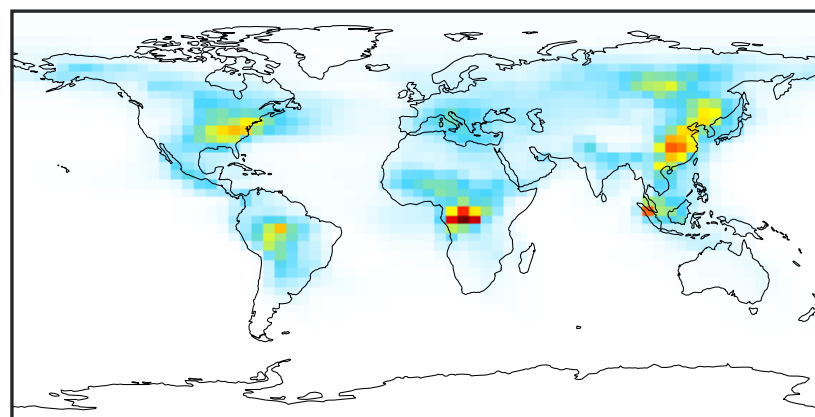
SpeciesConcVV_INDIOL (Jul2019)

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



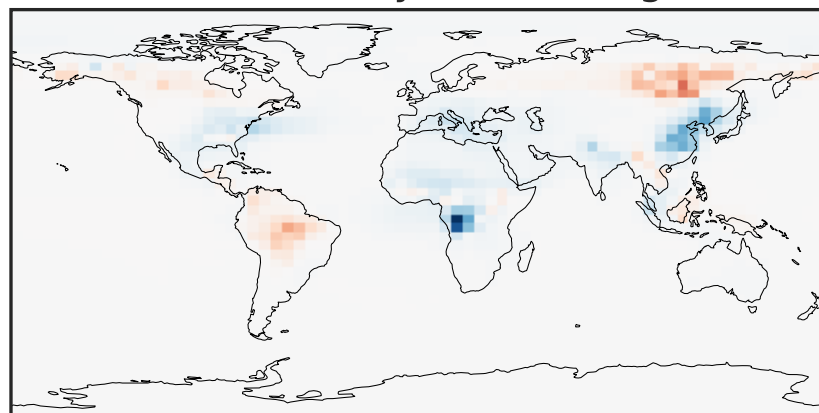
0.002 2.322 4.642 6.963 9.283
 $\mu\text{g}/\text{m}^3$

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



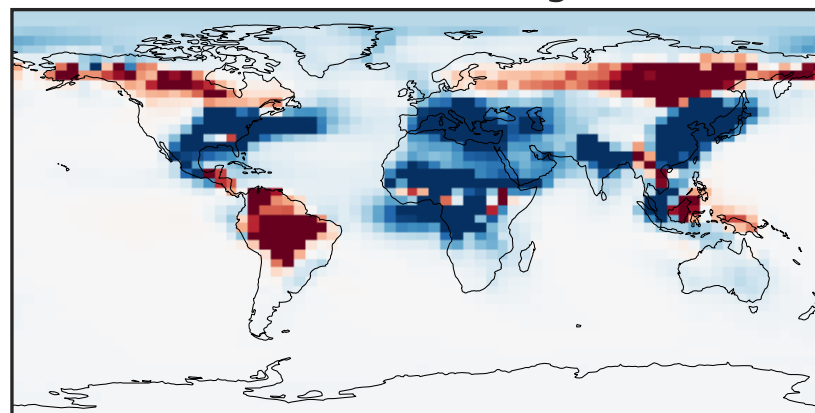
0.002 2.322 4.642 6.963 9.283
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



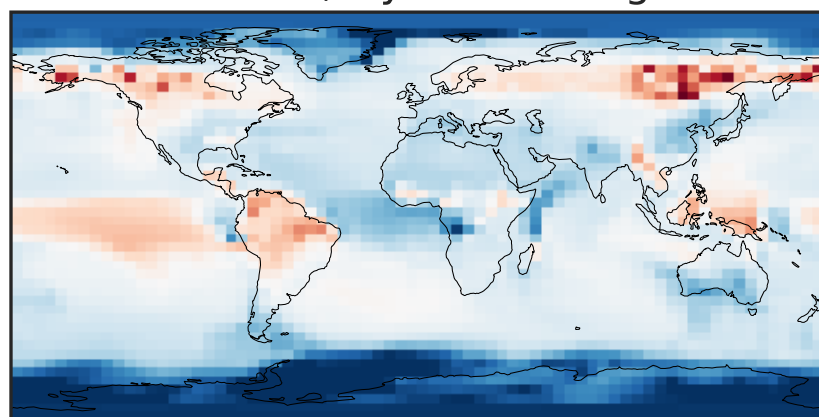
-0.708 -0.354 0.000 0.354 0.708
 $\mu\text{g}/\text{m}^3$

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



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

Ratio
Dev/Ref, Dynamic Range



0.8582 0.9291 1.0000 1.0826 1.1653
unitless

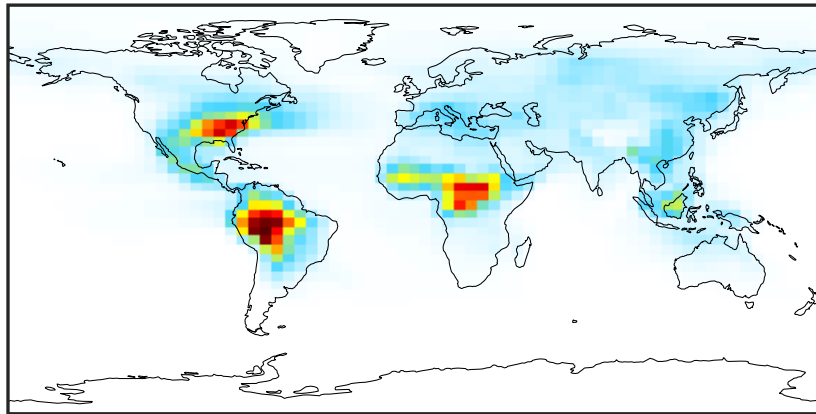
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

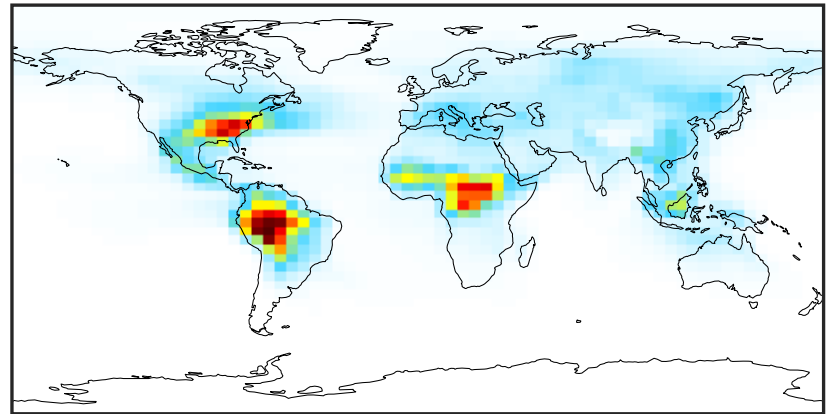
SpeciesConcVV_LVCOA (Jul2019)

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



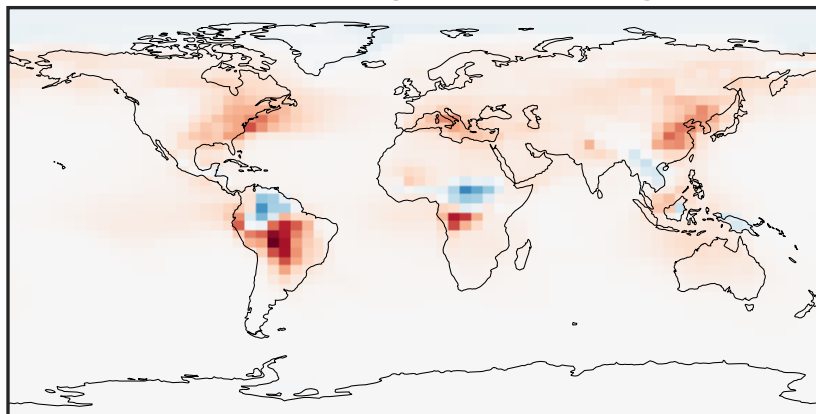
0.0000 0.0498 0.0995 0.1492 0.1989
 $\mu\text{g}/\text{m}^3$

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



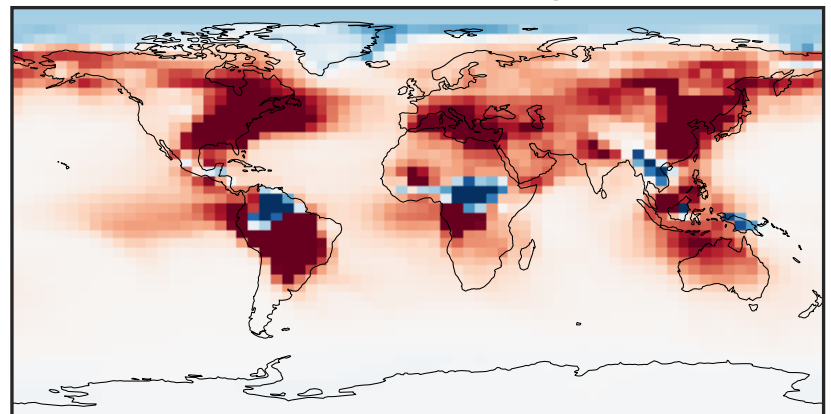
0.0000 0.0498 0.0995 0.1492 0.1989
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



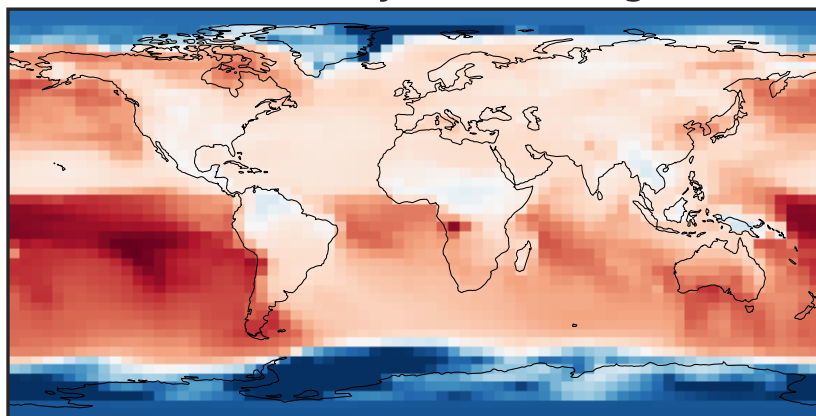
-0.0015 0.0000 0.0015
 $\mu\text{g}/\text{m}^3$

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



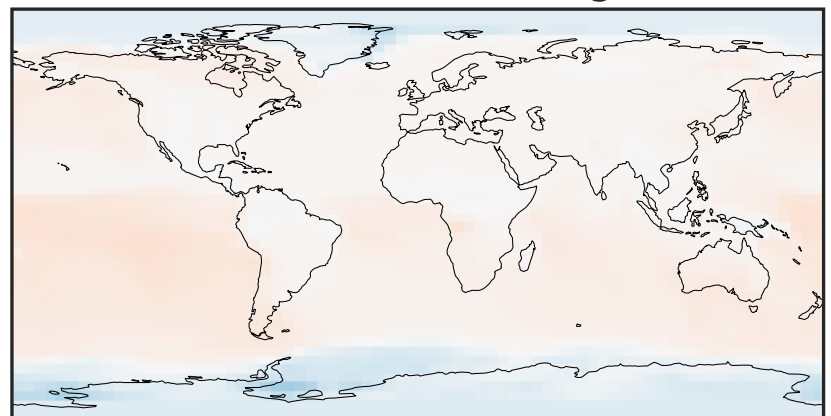
-0.00025 0.00000 0.00025
 $\mu\text{g}/\text{m}^3$

Ratio
Dev/Ref, Dynamic Range



0.9010 0.9505 1.0000 1.0550 1.1099
unitless

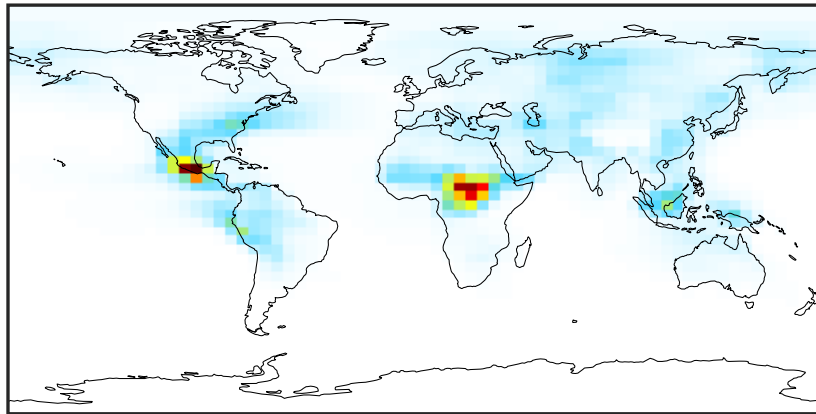
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

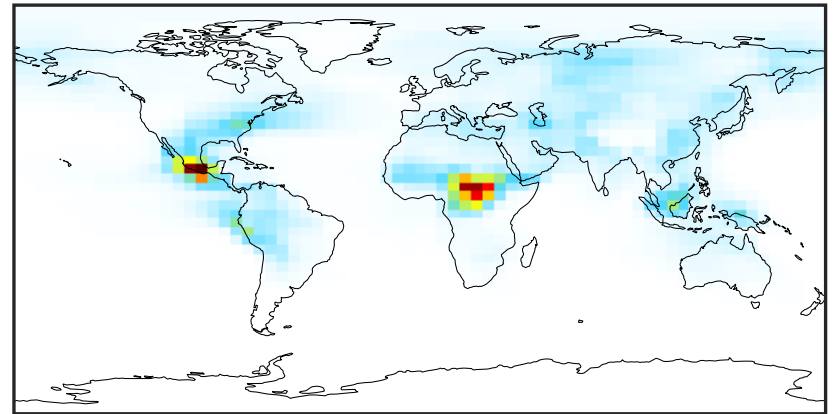
SpeciesConcVV_SOAIE (Jul2019)

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



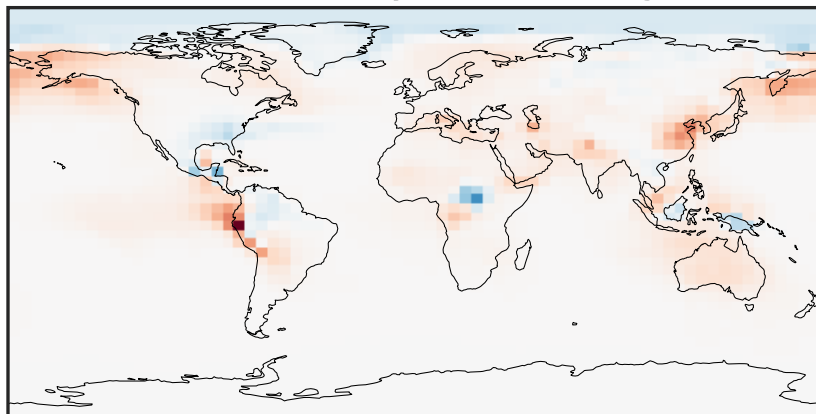
0.001 1.170 2.339 3.508 4.677
 $\mu\text{g}/\text{m}^3$

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



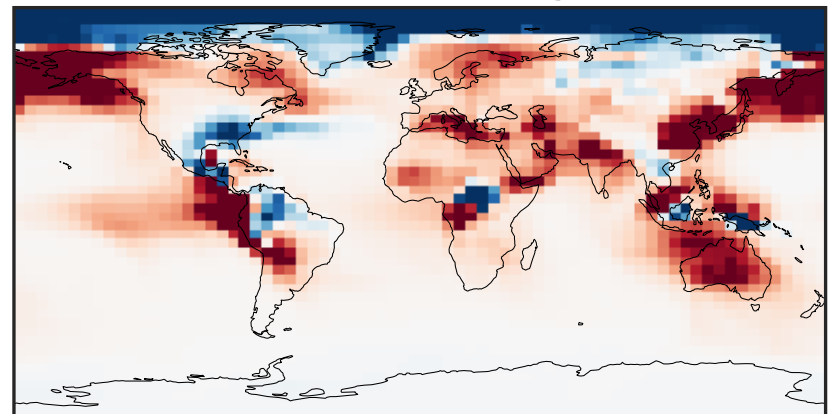
0.001 1.170 2.339 3.508 4.677
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



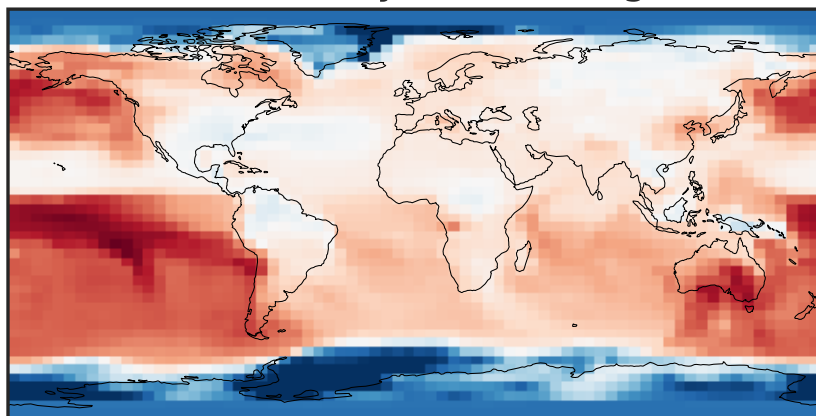
-0.025 0.000 0.025
 $\mu\text{g}/\text{m}^3$

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



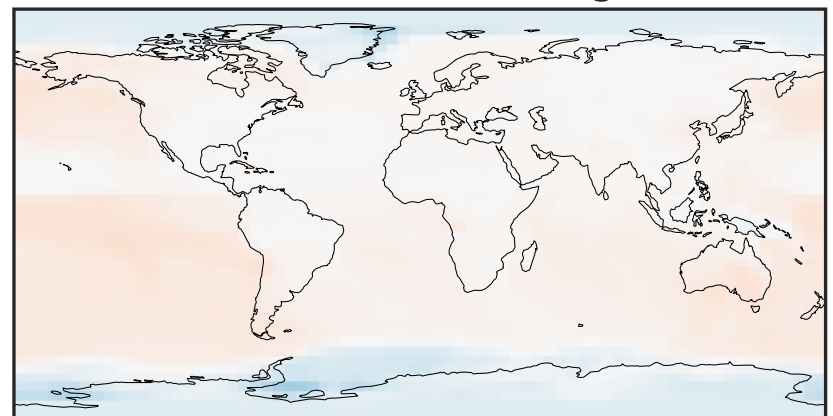
-0.004 0.000 0.004
 $\mu\text{g}/\text{m}^3$

Ratio
Dev/Ref, Dynamic Range



0.8949 0.9475 1.0000 1.0587 1.1174
unitless

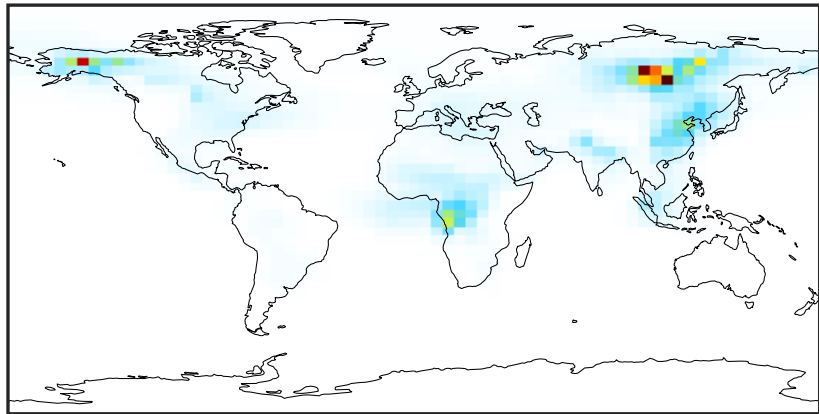
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

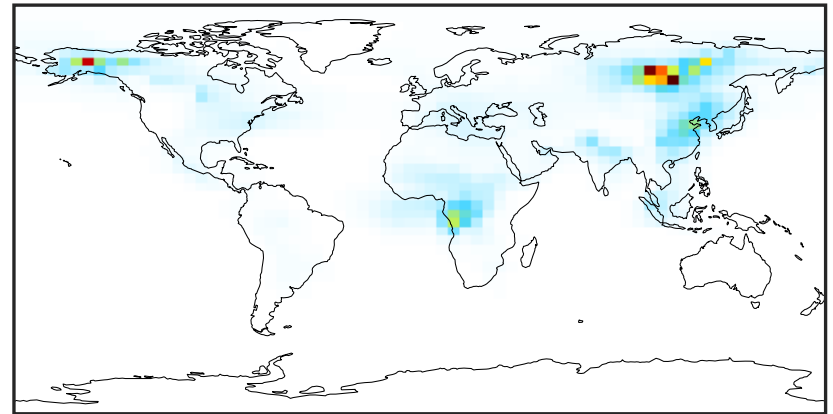
SpeciesConcVV_SOAGX (Jul2019)

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



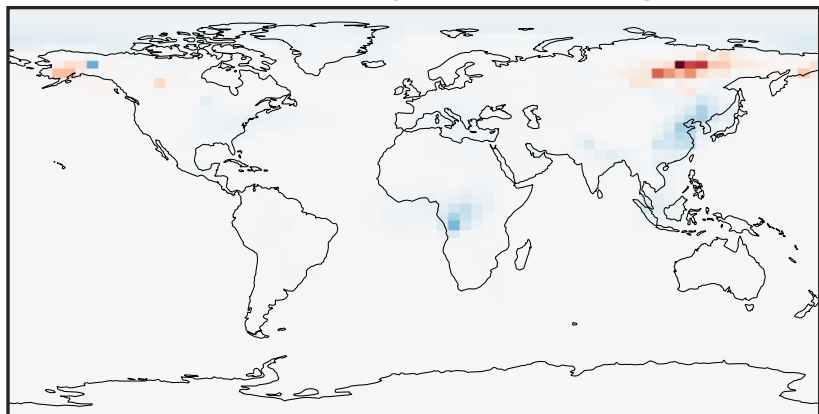
0.000 0.796 1.592 2.388 3.184
 $\mu\text{g}/\text{m}^3$

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



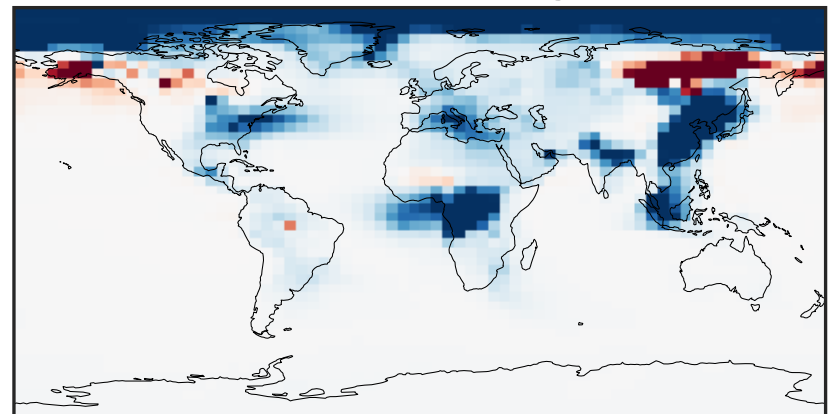
0.000 0.796 1.592 2.388 3.184
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



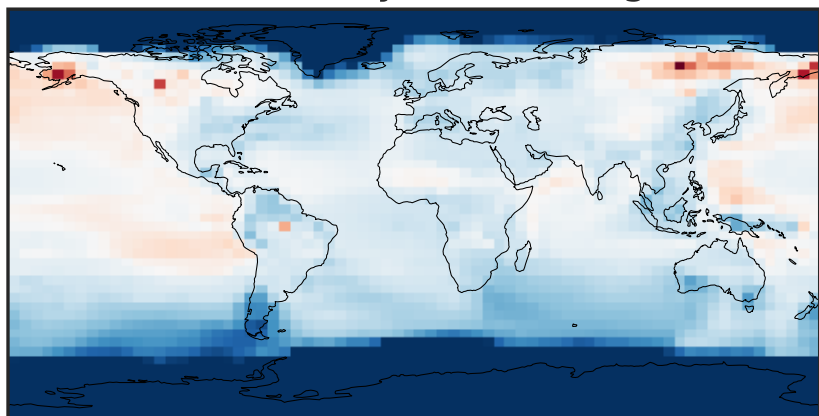
-0.02 0.00 0.02
 $\mu\text{g}/\text{m}^3$

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



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

Ratio
Dev/Ref, Dynamic Range



0.95878 0.97939 1.00000 1.02149 1.04299
unitless

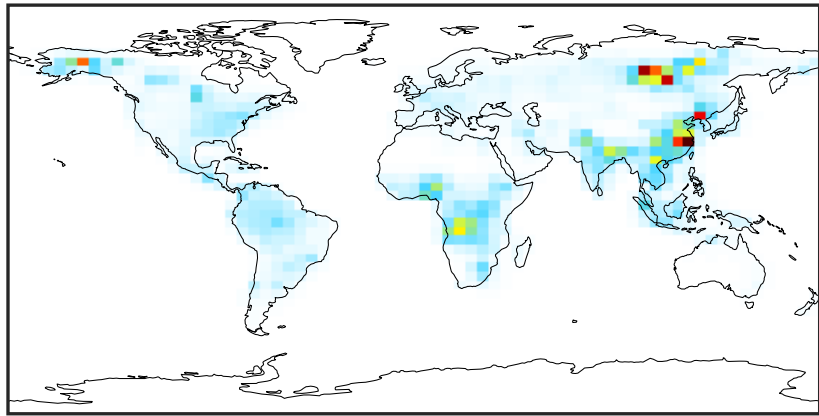
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

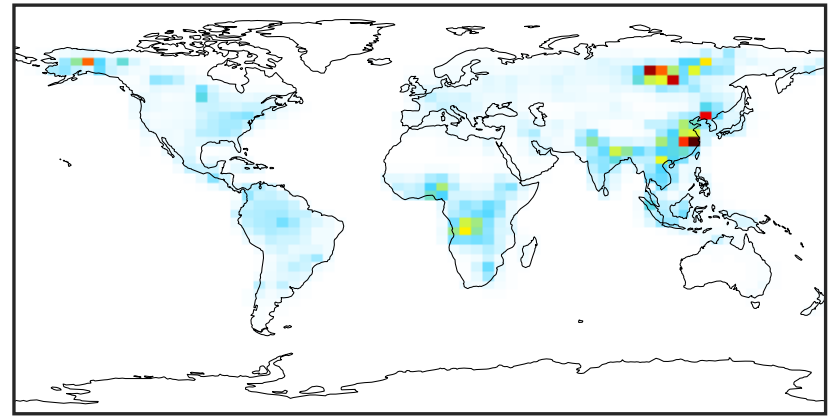
SpeciesConcVV_SOAP (Jul2019)

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



0.00 3.29 6.57 9.86 13.14
 $\mu\text{g}/\text{m}^3$

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



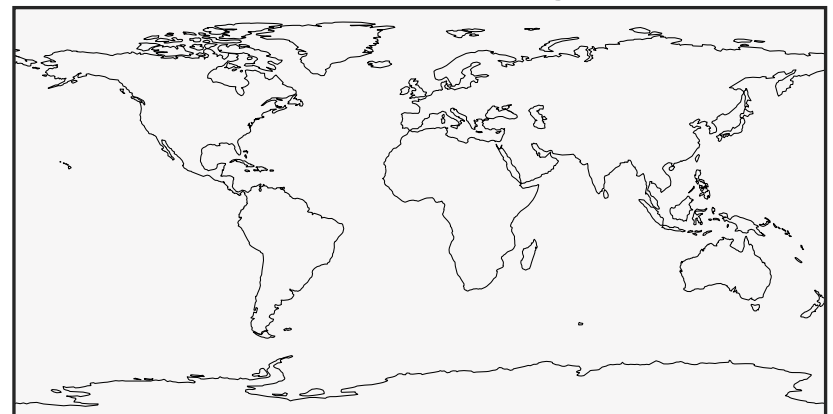
0.00 3.29 6.57 9.86 13.14
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



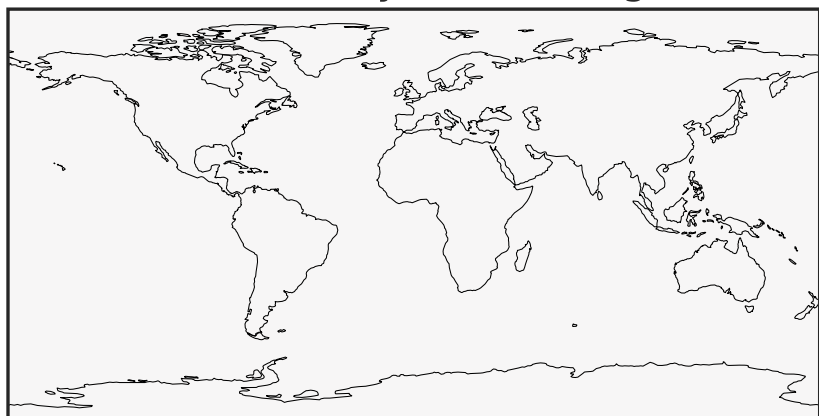
Zero throughout domain
 $\mu\text{g}/\text{m}^3$

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



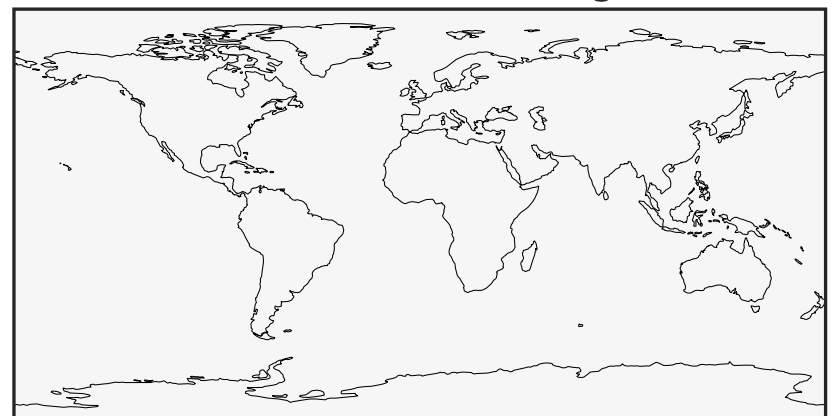
Zero throughout domain
 $\mu\text{g}/\text{m}^3$

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

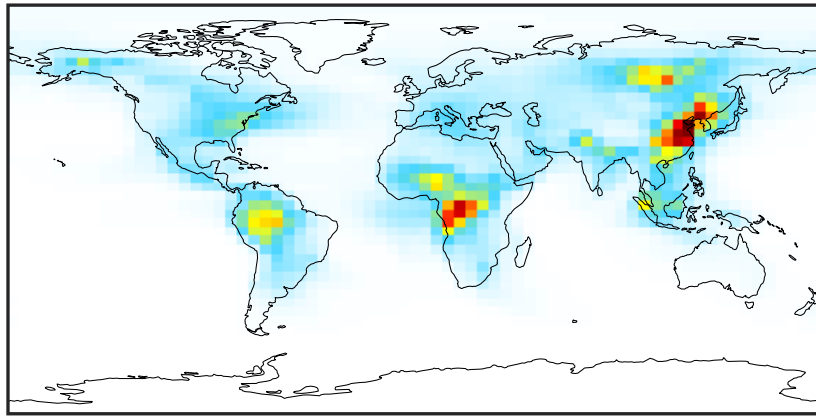
Ratio
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless

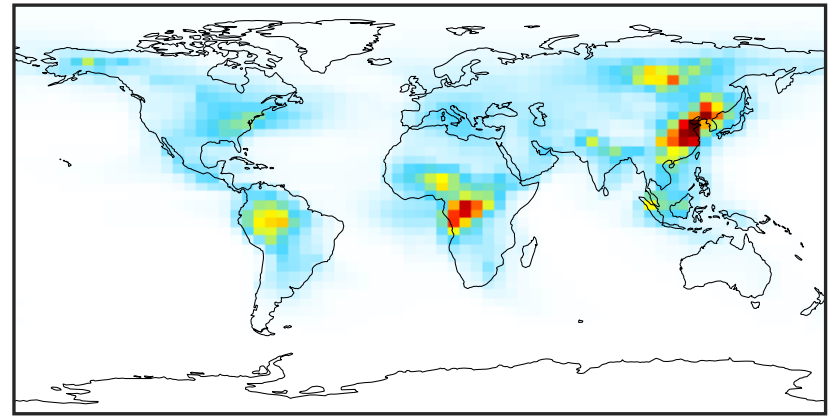
SpeciesConcVW_SOAS (Jul2019)

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



0.00 2.80 5.60 8.39 11.19
 $\mu\text{g}/\text{m}^3$

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



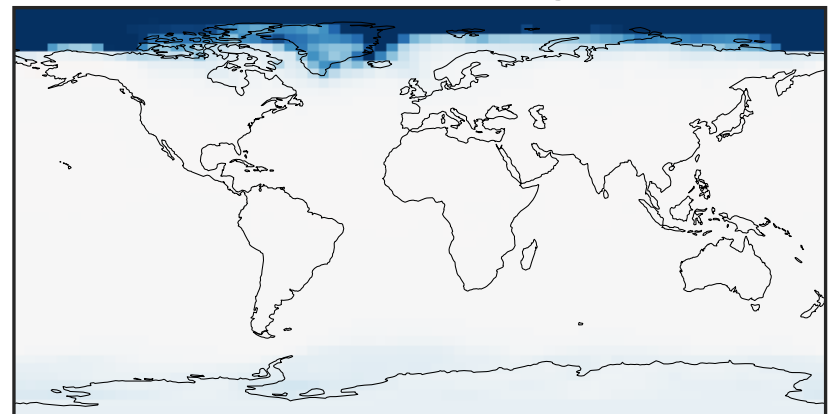
0.00 2.80 5.60 8.39 11.19
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



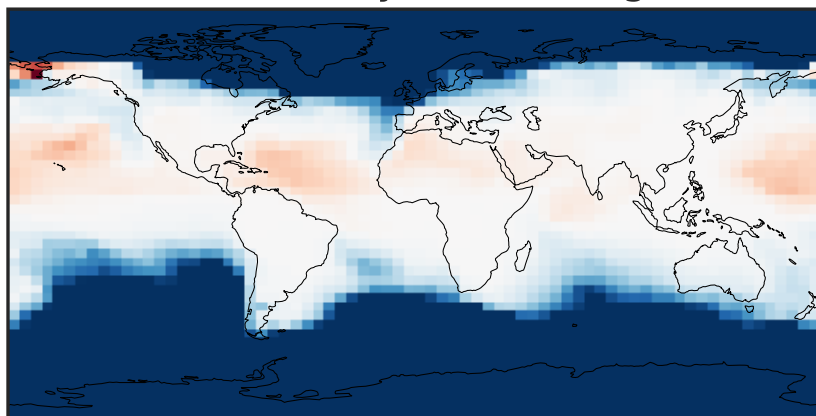
-0.02 0.00 0.02
 $\mu\text{g}/\text{m}^3$

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



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

Ratio
Dev/Ref, Dynamic Range



0.9995124 1.000000 1.0004878
unitless

Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless