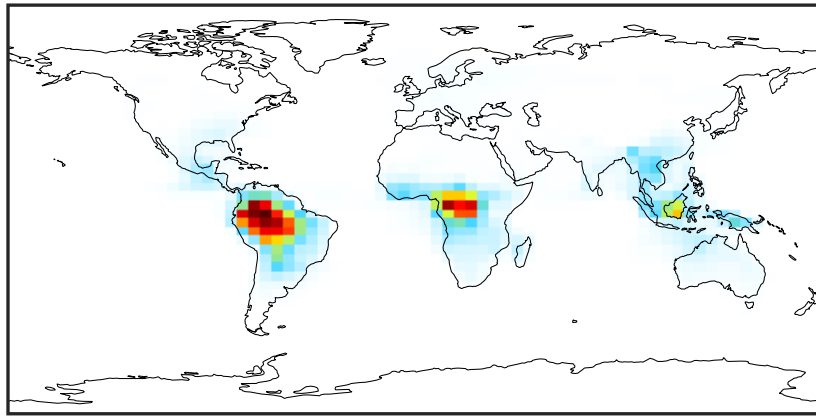


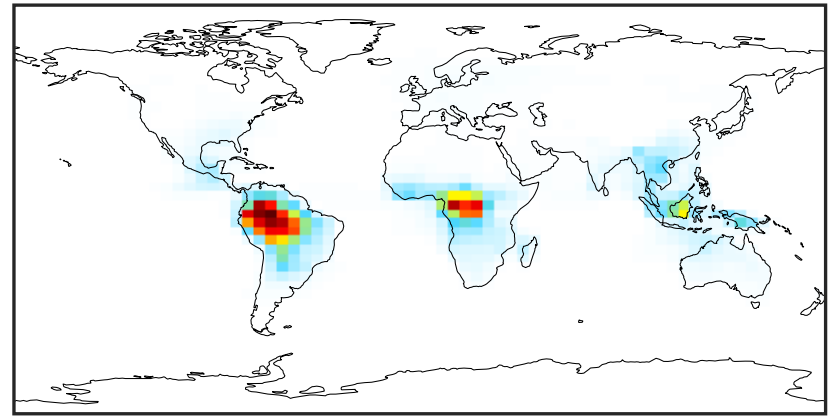
SpeciesConcVV_TSOA0 (Apr2019)

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



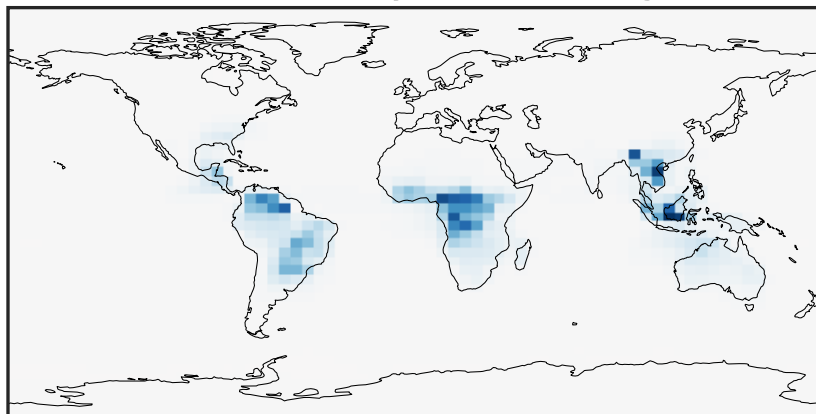
0.000 0.517 1.034 1.551 2.067
 $\mu\text{g}/\text{m}^3$

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



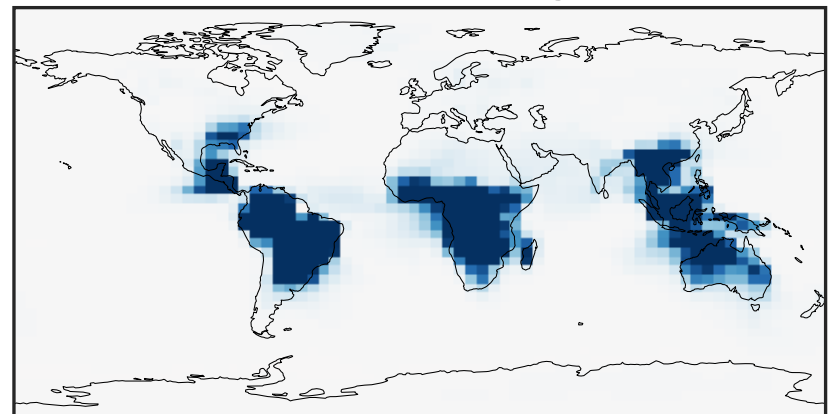
0.000 0.517 1.034 1.551 2.067
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



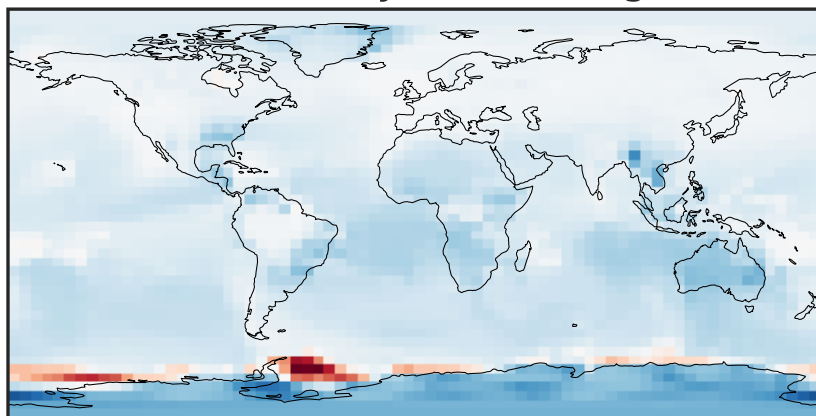
-0.1079 -0.0539 0.0000 0.0539 0.1079
 $\mu\text{g}/\text{m}^3$

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



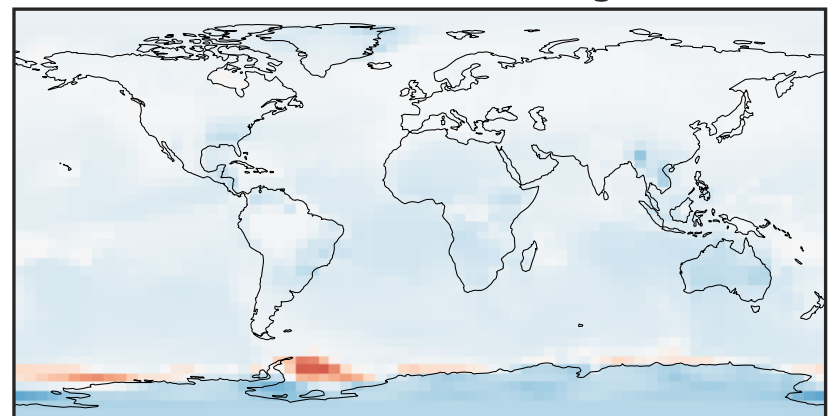
-0.006 0.000 0.006
 $\mu\text{g}/\text{m}^3$

Ratio
Dev/Ref, Dynamic Range



0.6563 0.8282 1.0000 1.2618 1.5236
unitless

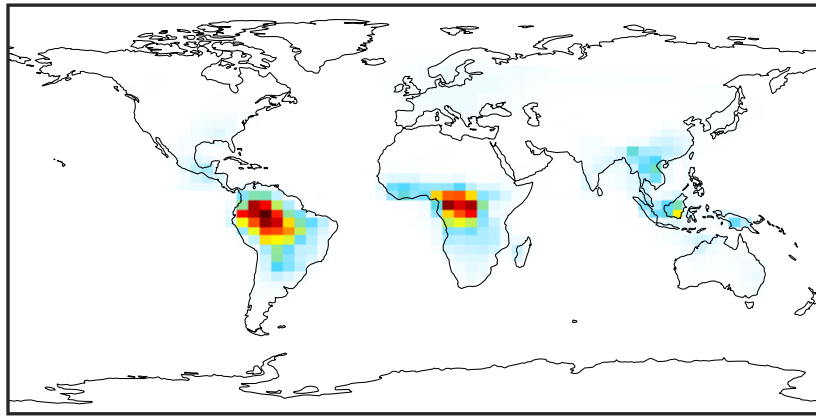
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

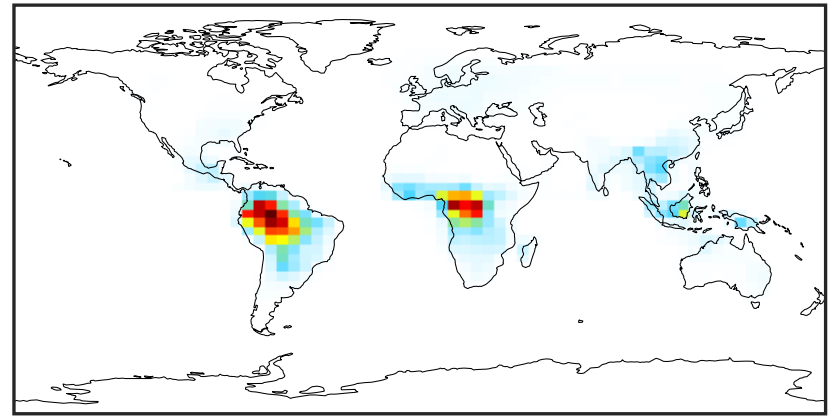
SpeciesConcVV_TSOA1 (Apr2019)

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



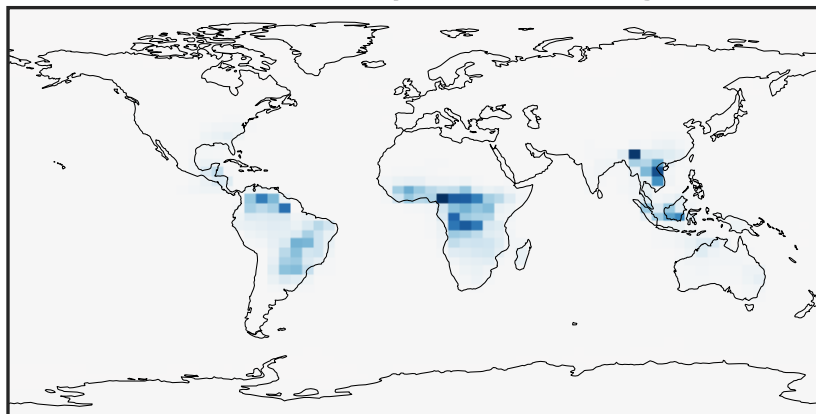
0.0000 0.2026 0.4052 0.6078 0.8104
 $\mu\text{g}/\text{m}^3$

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



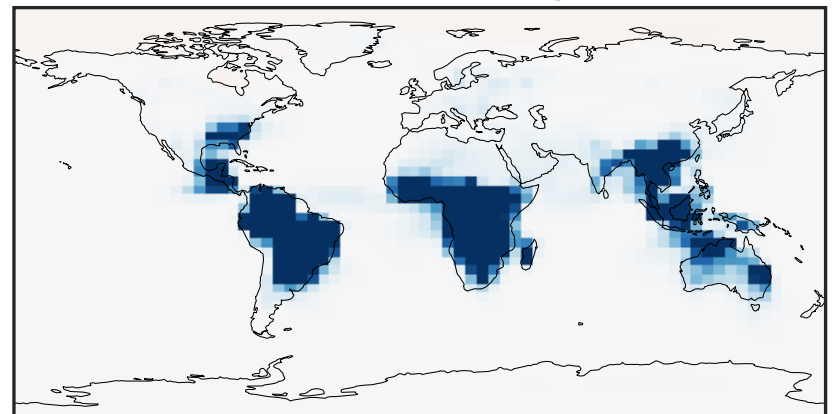
0.0000 0.2026 0.4052 0.6078 0.8104
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



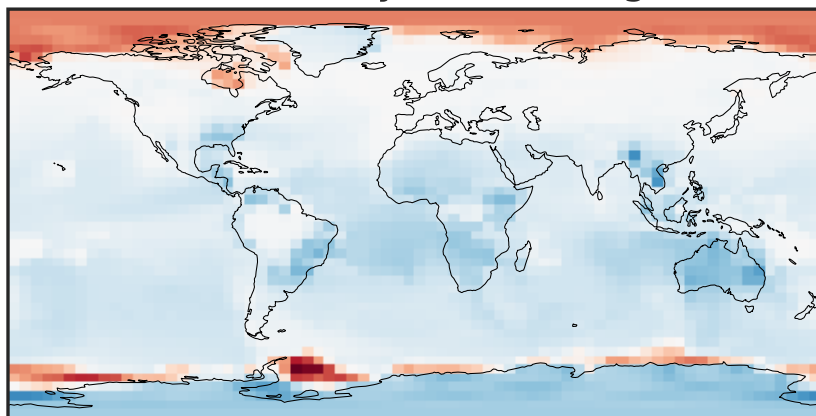
-0.0773 -0.0386 0.0000 0.0386 0.0773
 $\mu\text{g}/\text{m}^3$

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



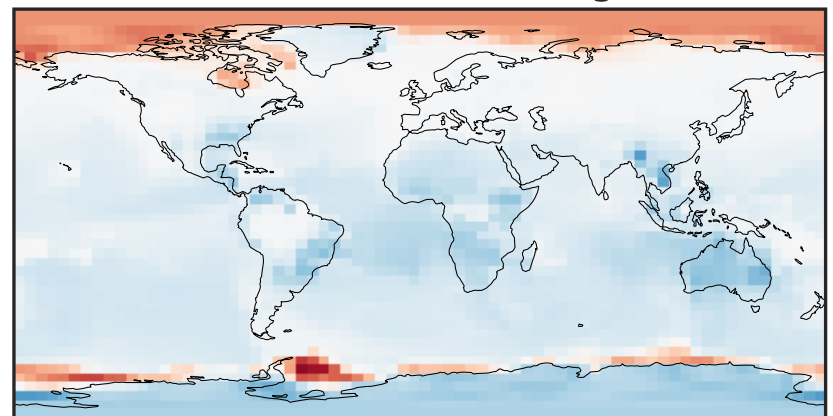
-0.002 0.000 0.002
 $\mu\text{g}/\text{m}^3$

Ratio
Dev/Ref, Dynamic Range



0.538 0.769 1.000 1.429 1.858
unitless

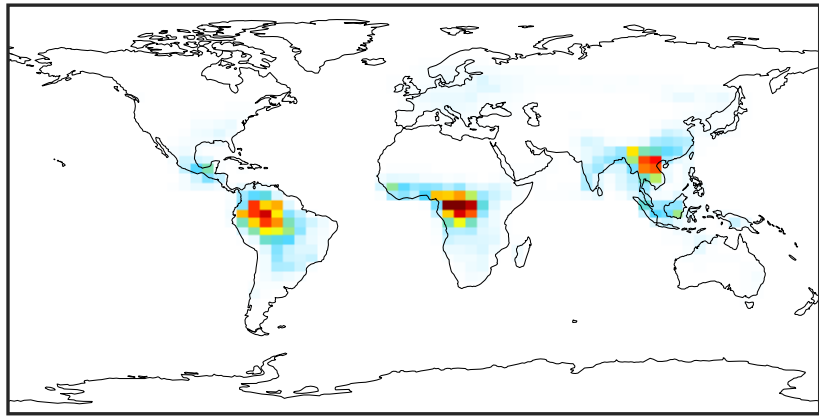
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

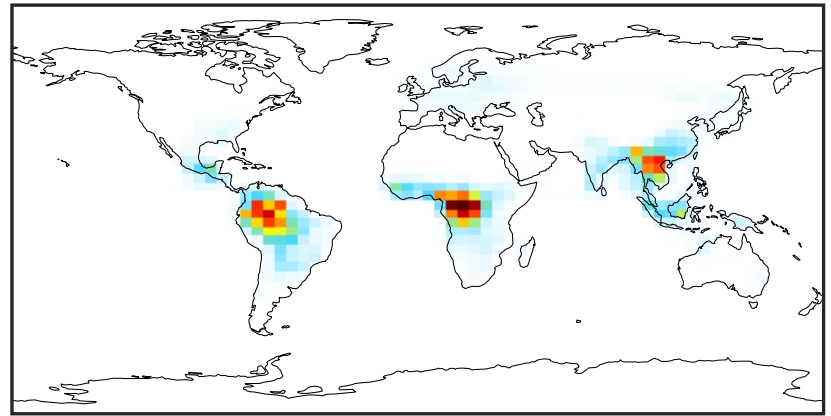
SpeciesConcVV_TSOA2 (Apr2019)

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



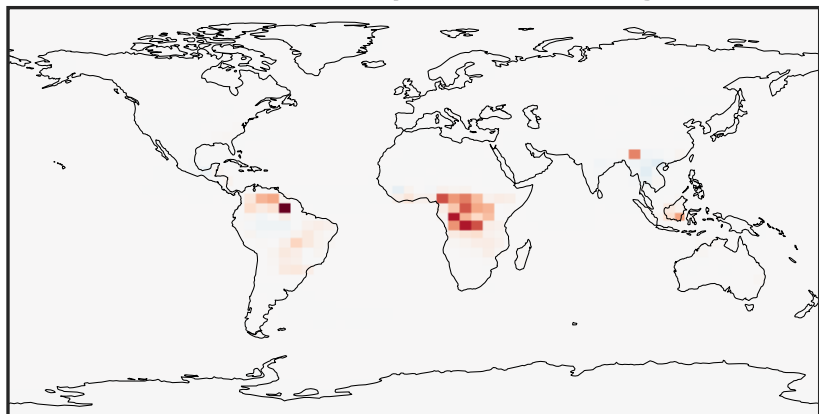
0.000 0.693 1.386 2.080 2.773
 $\mu\text{g}/\text{m}^3$

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



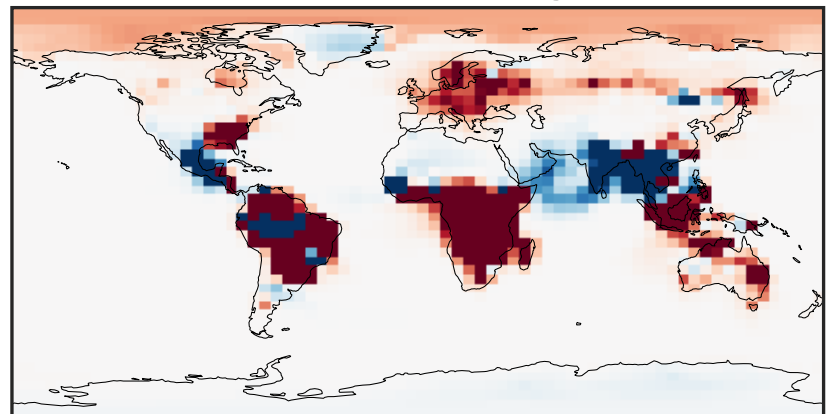
0.000 0.693 1.386 2.080 2.773
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



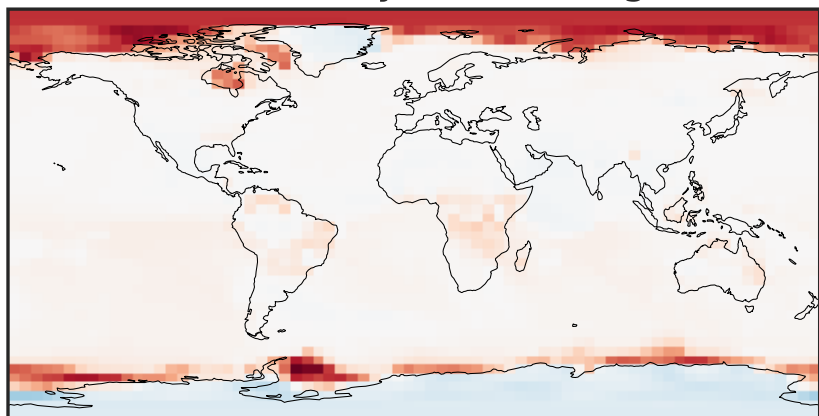
-0.2593 -0.1297 0.0000 0.1297 0.2593
 $\mu\text{g}/\text{m}^3$

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



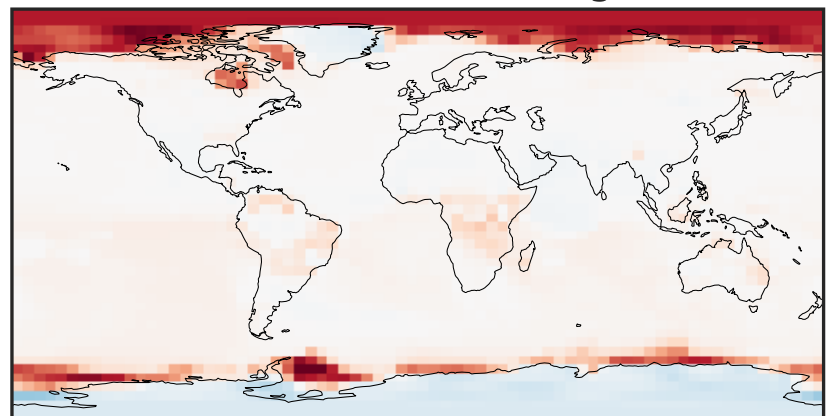
-0.00025 0.00000 0.00025
 $\mu\text{g}/\text{m}^3$

Ratio
Dev/Ref, Dynamic Range



0.469 0.734 1.000 1.567 2.134
unitless

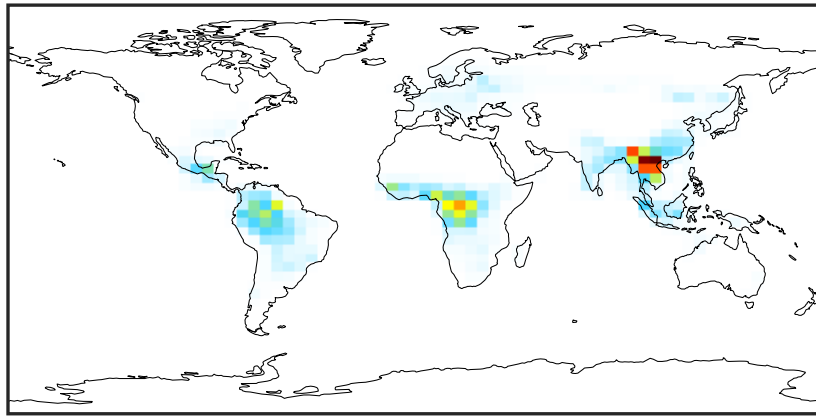
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

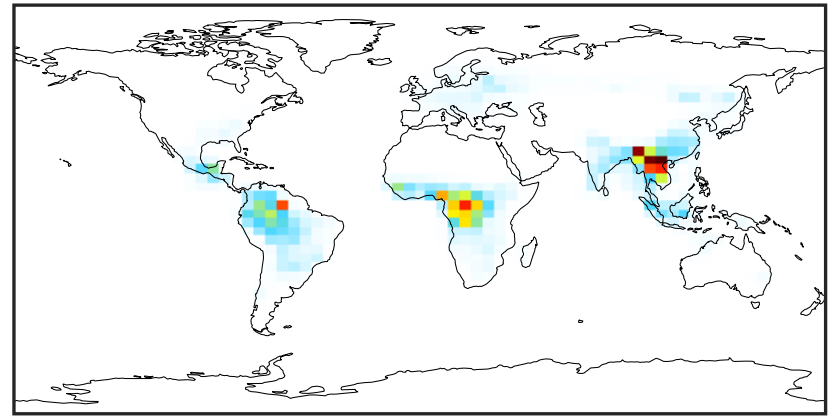
SpeciesConcVV_TSOA3 (Apr2019)

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



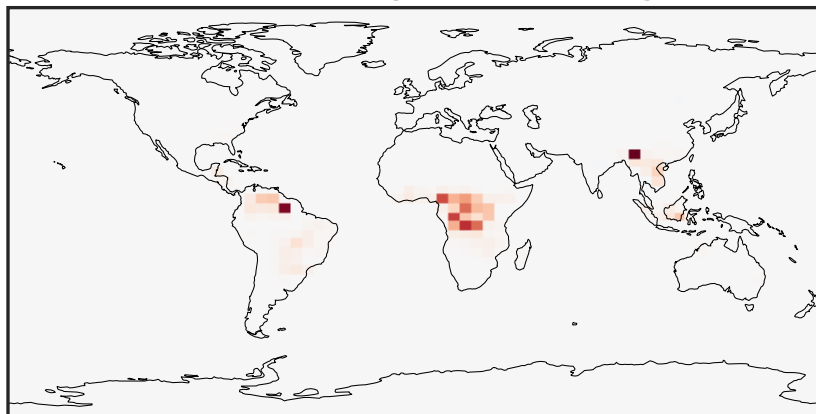
0.000 0.269 0.539 0.808 1.078
 $\mu\text{g}/\text{m}^3$

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



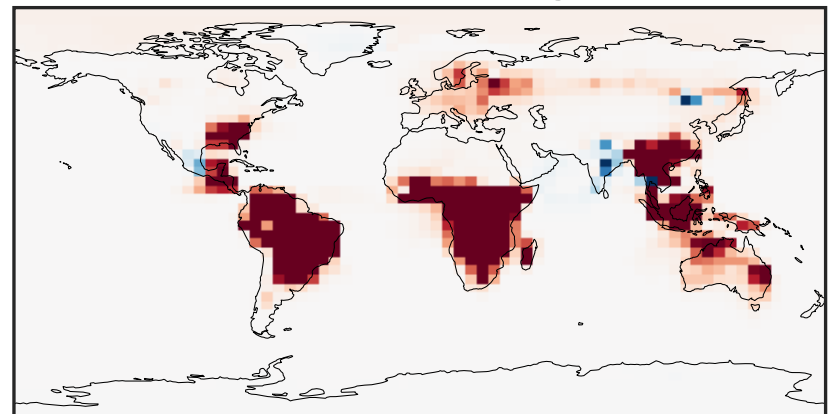
0.000 0.269 0.539 0.808 1.078
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



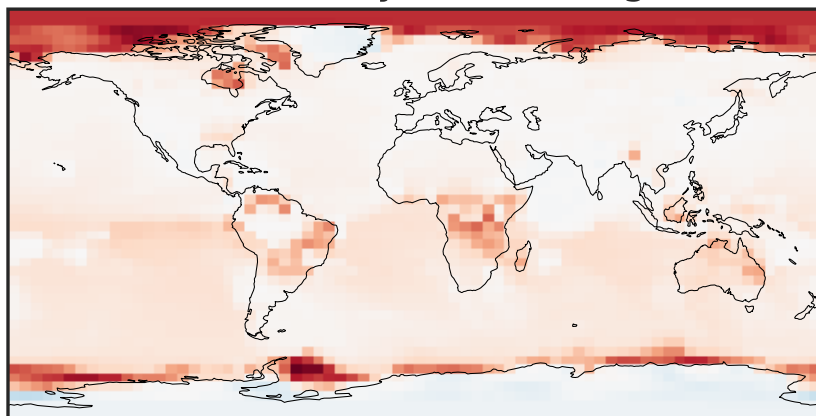
-0.2511 -0.1255 0.0000 0.1255 0.2511
 $\mu\text{g}/\text{m}^3$

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



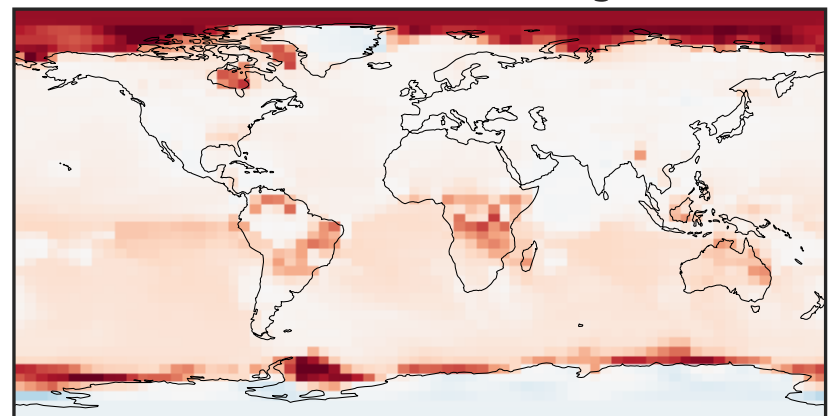
-0.0005 0.0000 0.0005
 $\mu\text{g}/\text{m}^3$

Ratio
Dev/Ref, Dynamic Range



0.442 0.721 1.000 1.632 2.263
unitless

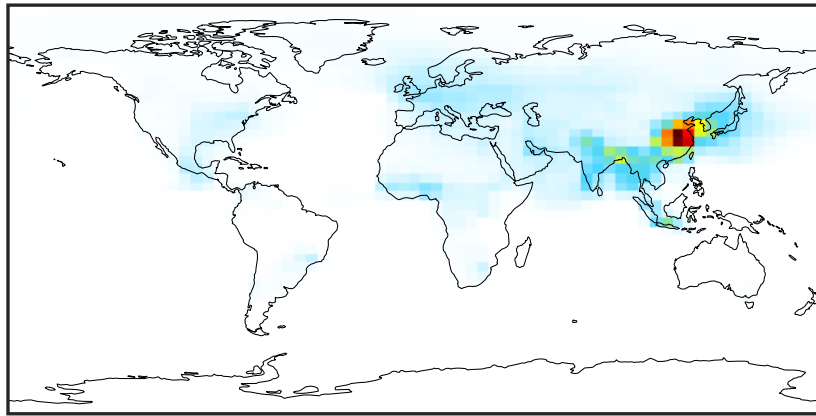
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

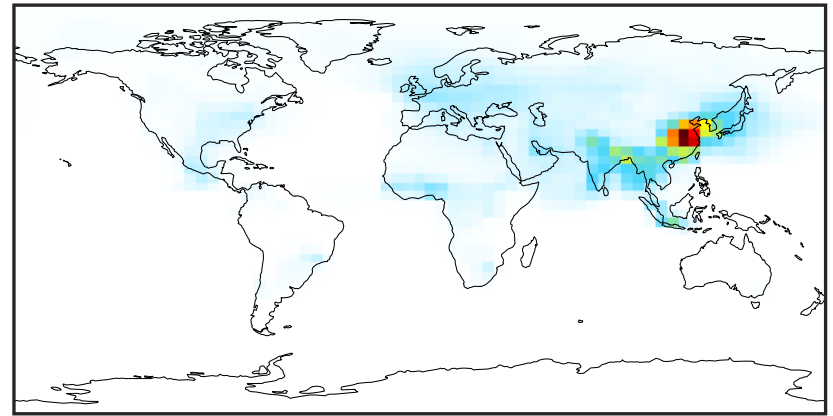
SpeciesConcVV_ASOA1 (Apr2019)

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



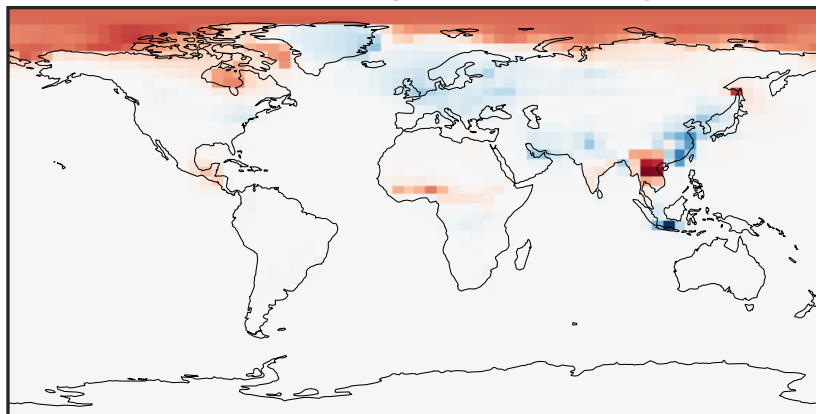
0.0000 0.0372 0.0744 0.1117 0.1489
 $\mu\text{g}/\text{m}^3$

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



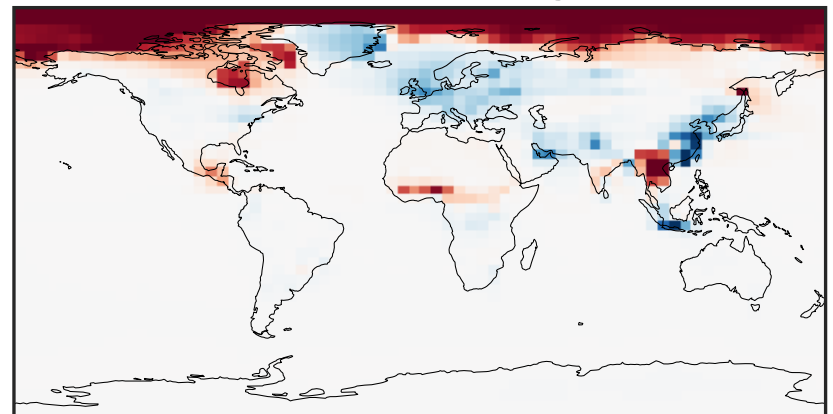
0.0000 0.0372 0.0744 0.1117 0.1489
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



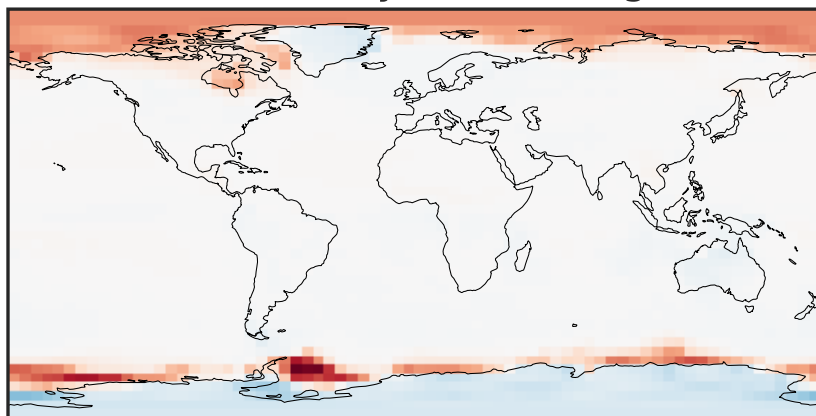
-0.0004 0.0000 0.0004
 $\mu\text{g}/\text{m}^3$

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



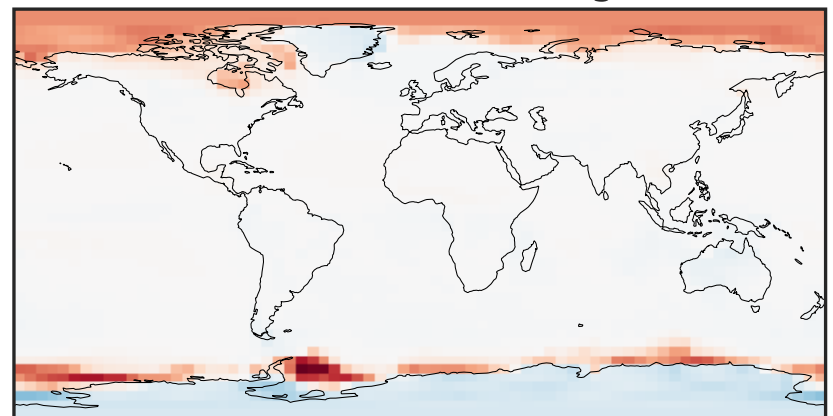
-0.00025 0.00000 0.00025
 $\mu\text{g}/\text{m}^3$

Ratio
Dev/Ref, Dynamic Range



0.501 0.750 1.000 1.498 1.996
unitless

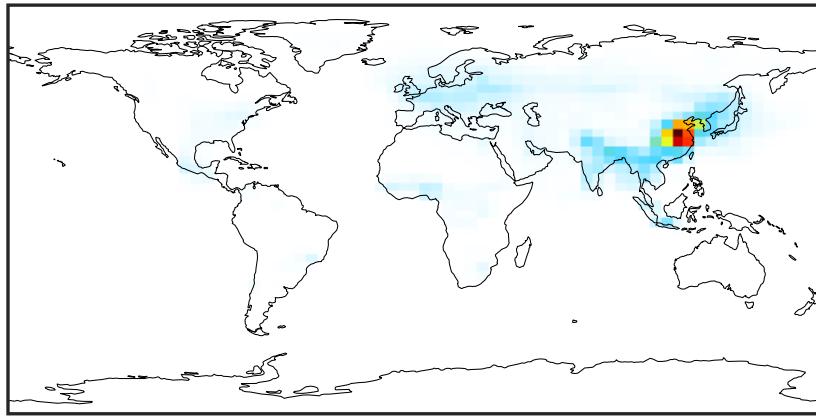
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

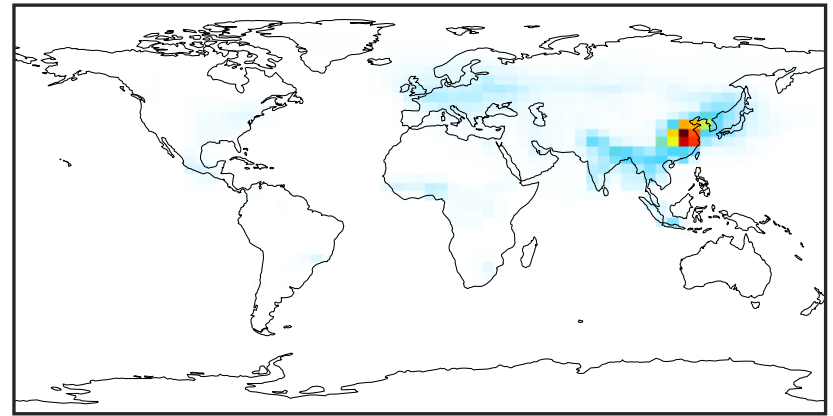
SpeciesConcVV_ASOA2 (Apr2019)

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



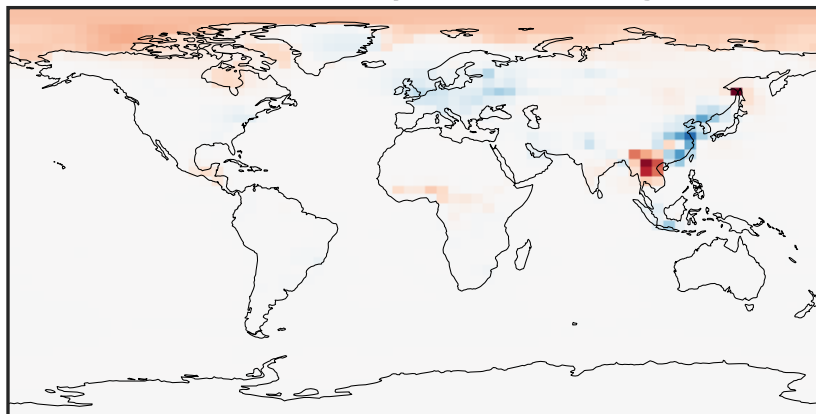
0.0000 0.0310 0.0619 0.0929 0.1239
 $\mu\text{g}/\text{m}^3$

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



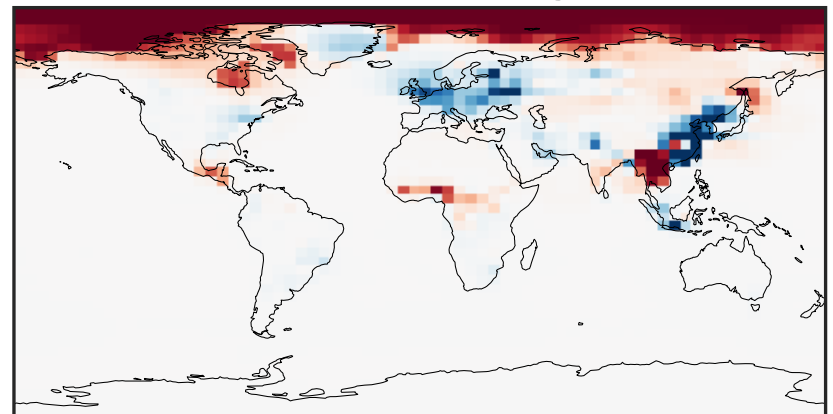
0.0000 0.0310 0.0619 0.0929 0.1239
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



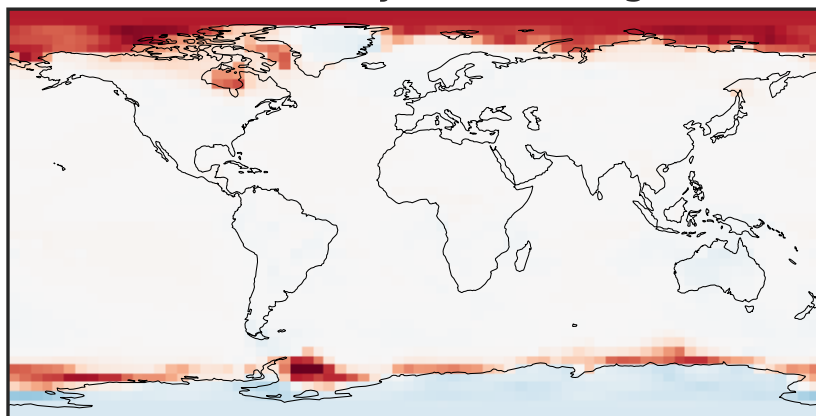
-0.00025 0.00000 0.00025
 $\mu\text{g}/\text{m}^3$

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



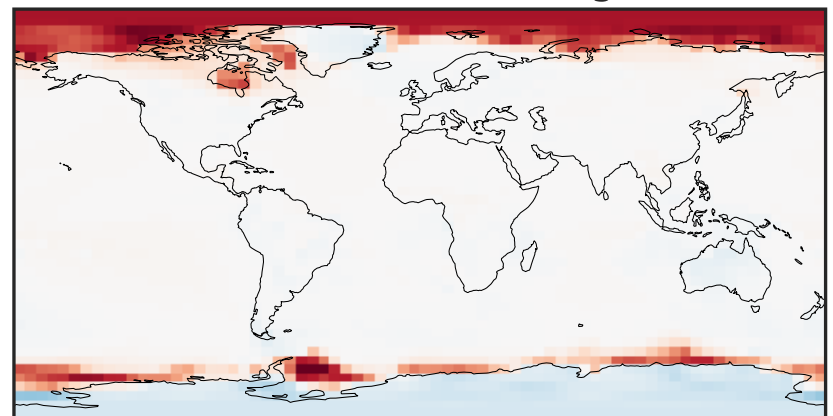
-8 0 8
 $\mu\text{g}/\text{m}^3$ $1\text{e}-5$

Ratio
Dev/Ref, Dynamic Range



0.483 0.741 1.000 1.535 2.071
unitless

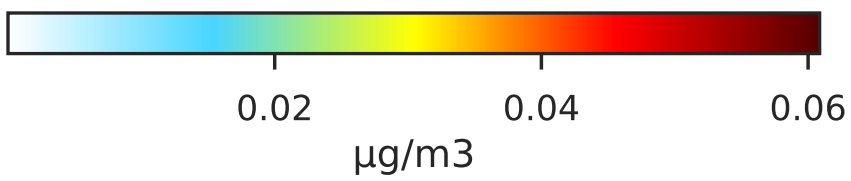
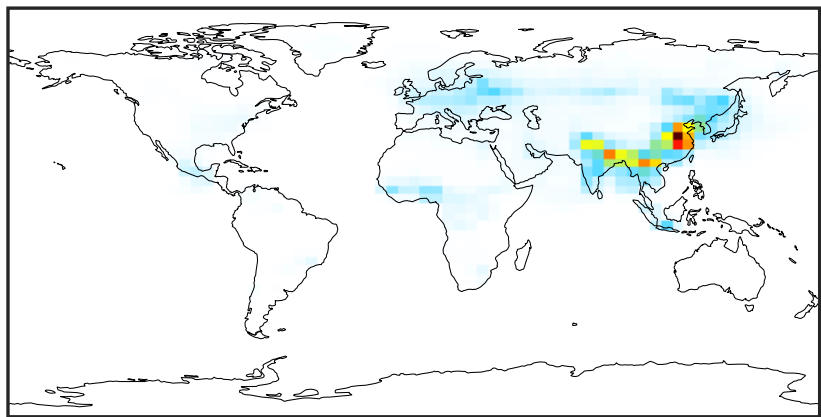
Ratio
Dev/Ref, Fixed Range



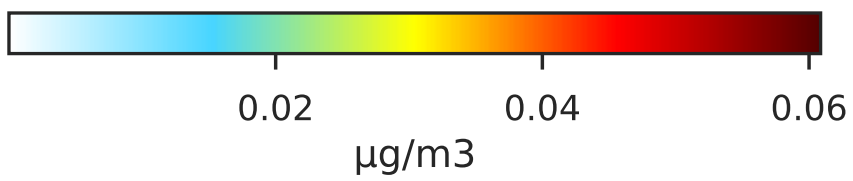
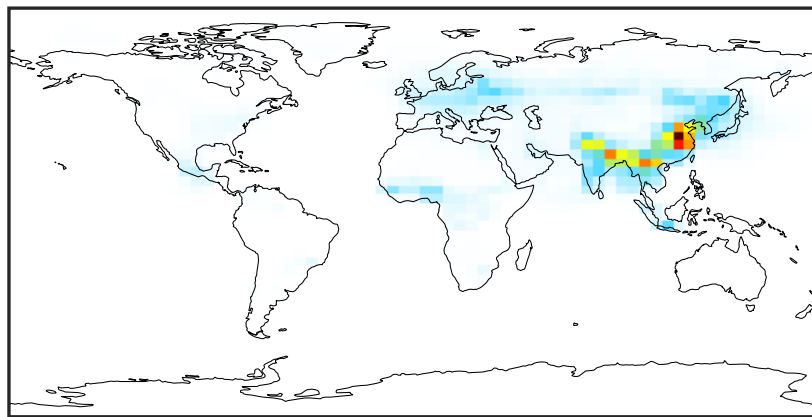
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_ASOA3 (Apr2019)

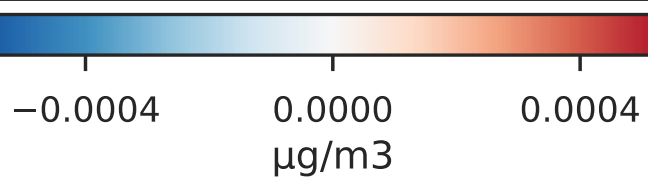
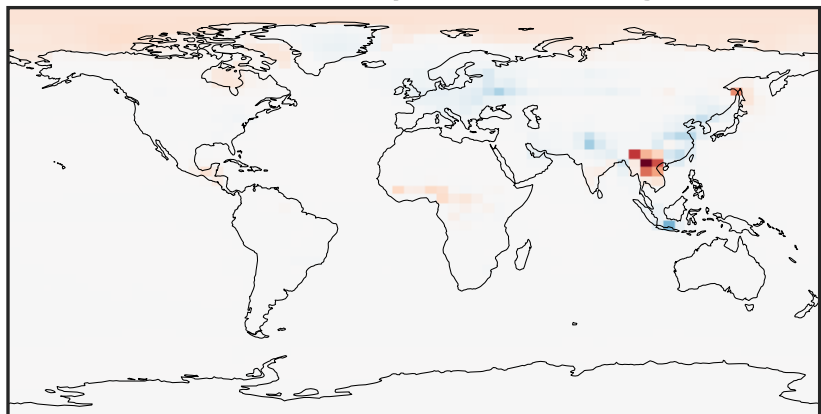
14.2.0-rc.2 (Ref)
4.0x5.0



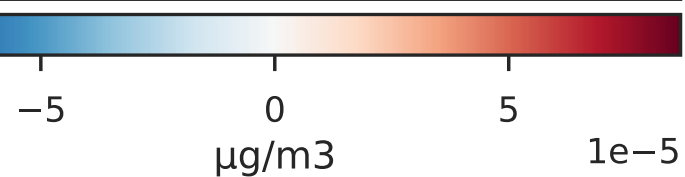
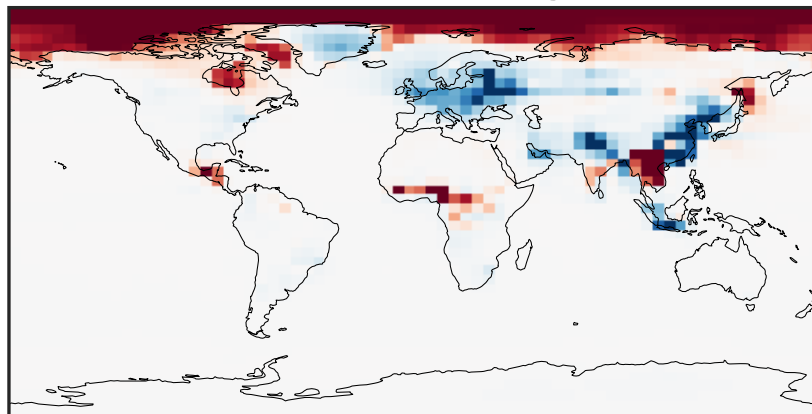
14.3.0-rc.0 (Dev)
4.0x5.0



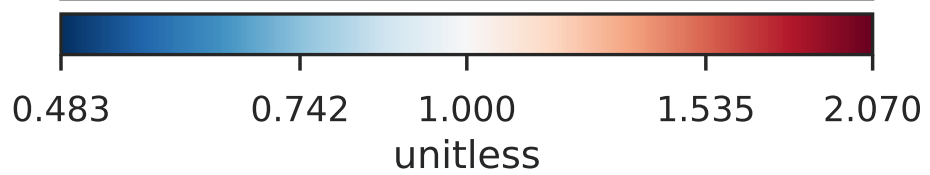
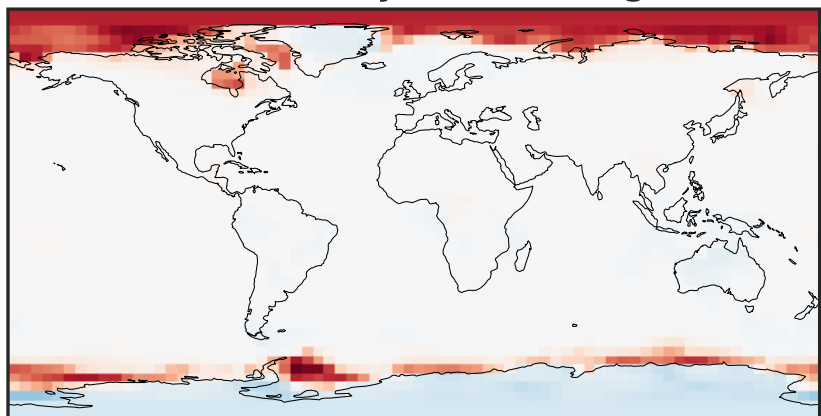
Difference
Dev - Ref, Dynamic Range



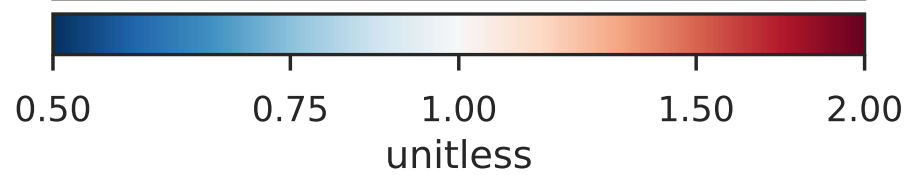
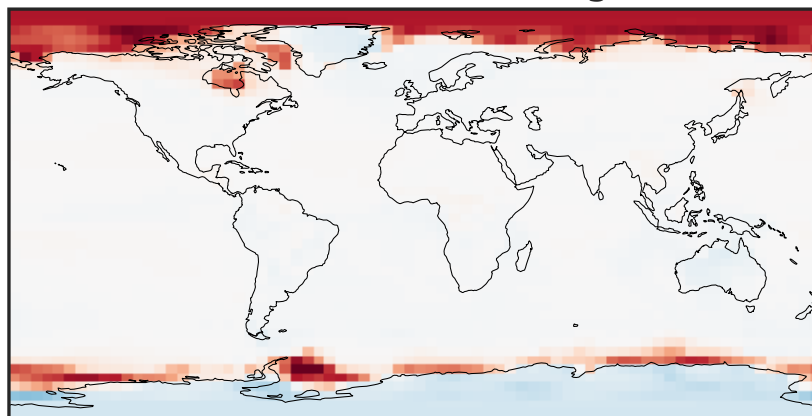
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

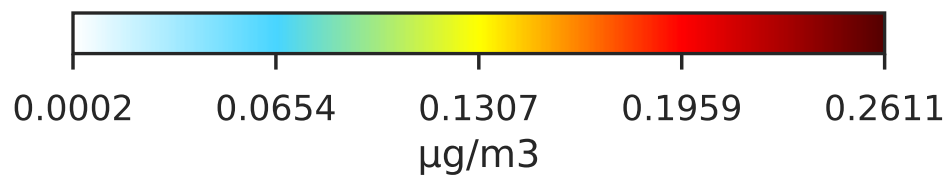
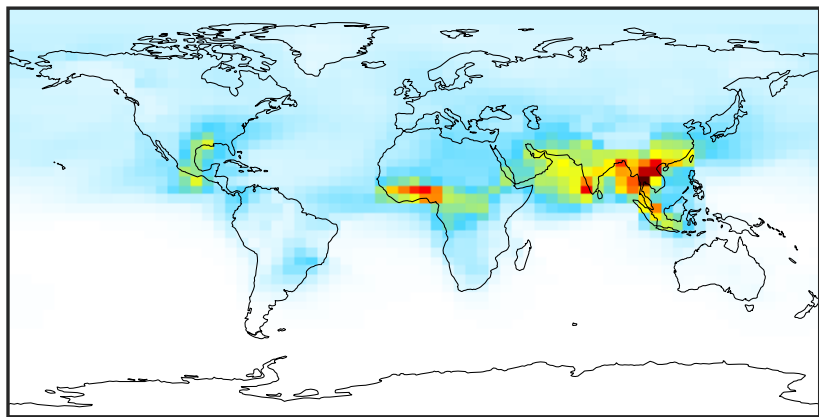


Ratio
Dev/Ref, Fixed Range

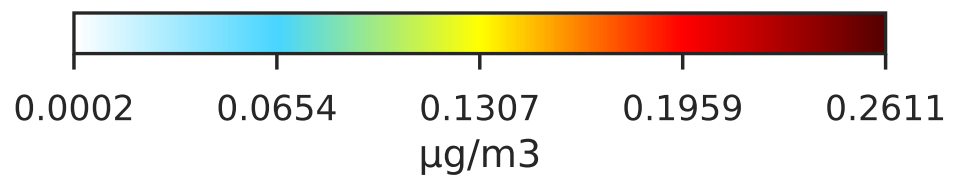
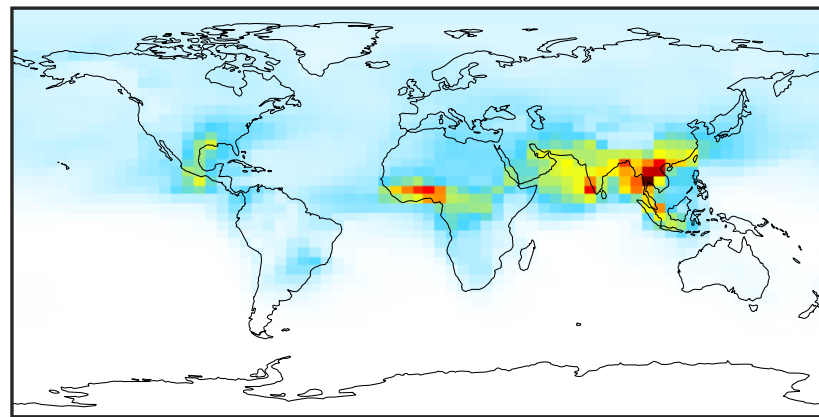


SpeciesConcVV_ASOAN (Apr2019)

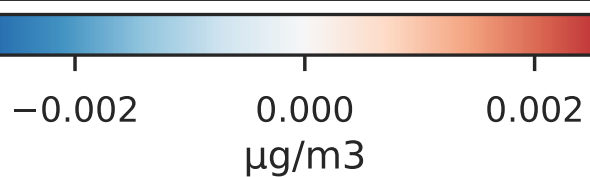
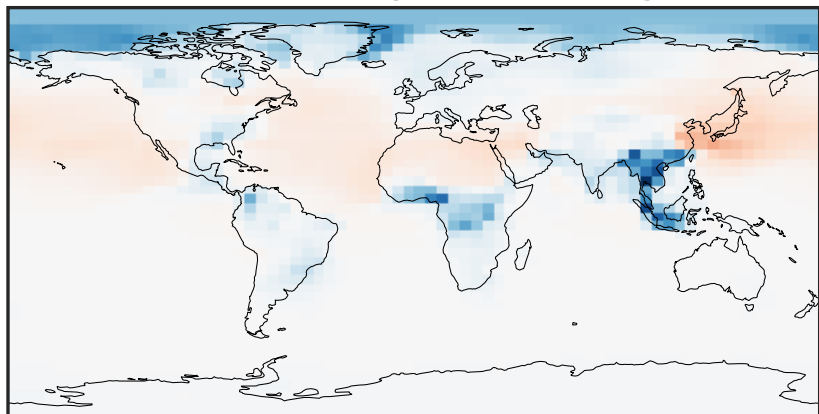
14.2.0-rc.2 (Ref)
4.0x5.0



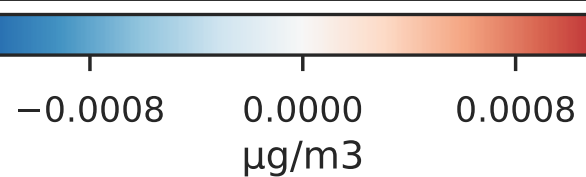
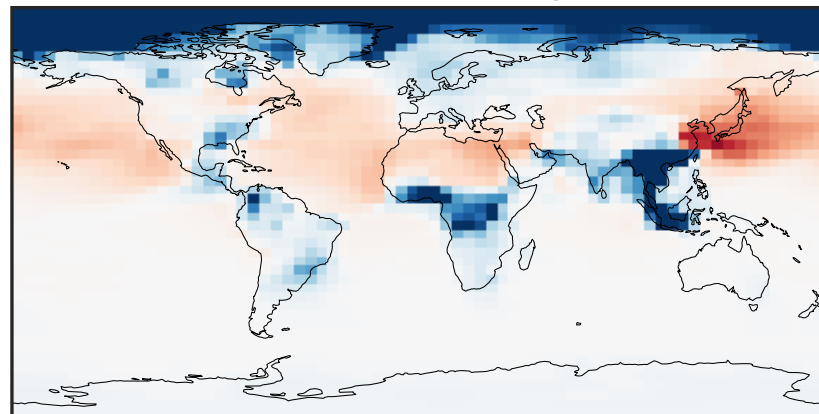
14.3.0-rc.0 (Dev)
4.0x5.0



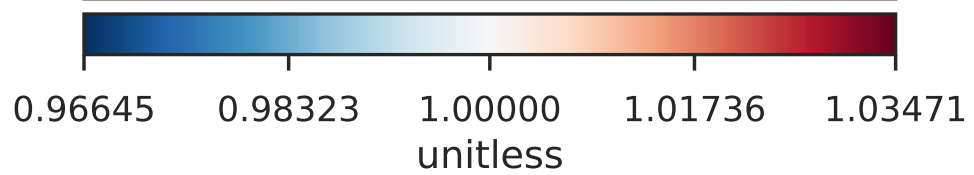
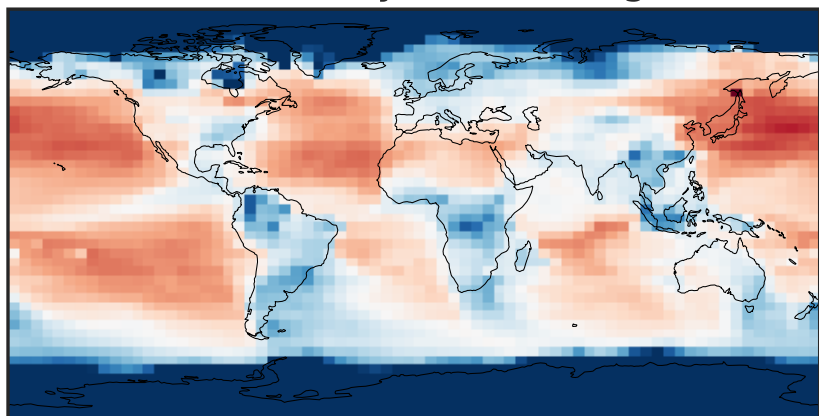
Difference
Dev - Ref, Dynamic Range



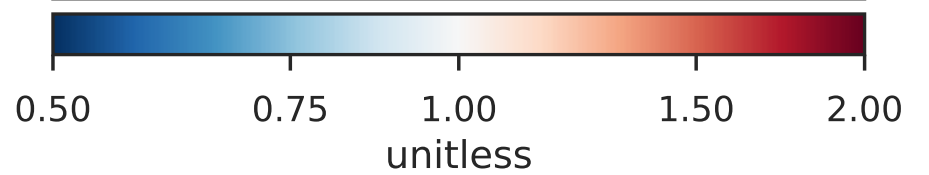
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

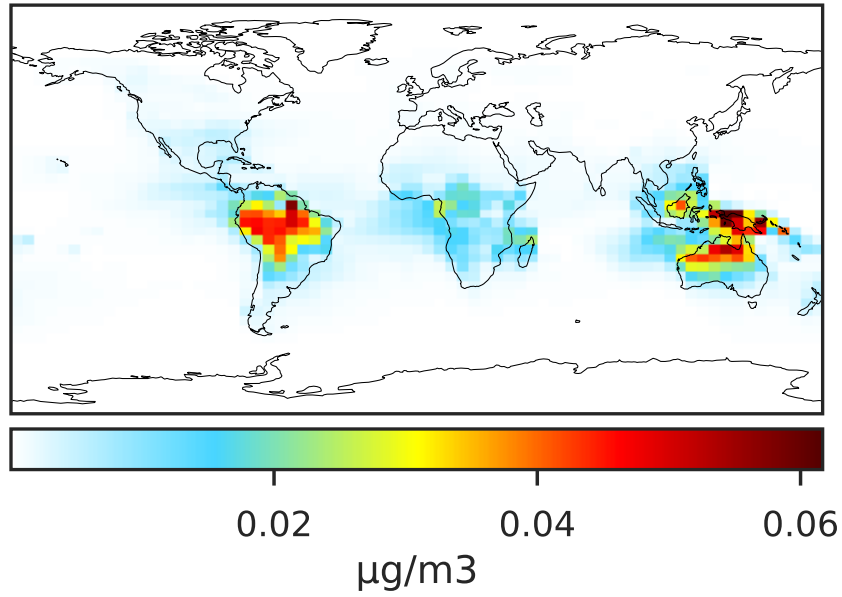


Ratio
Dev/Ref, Fixed Range

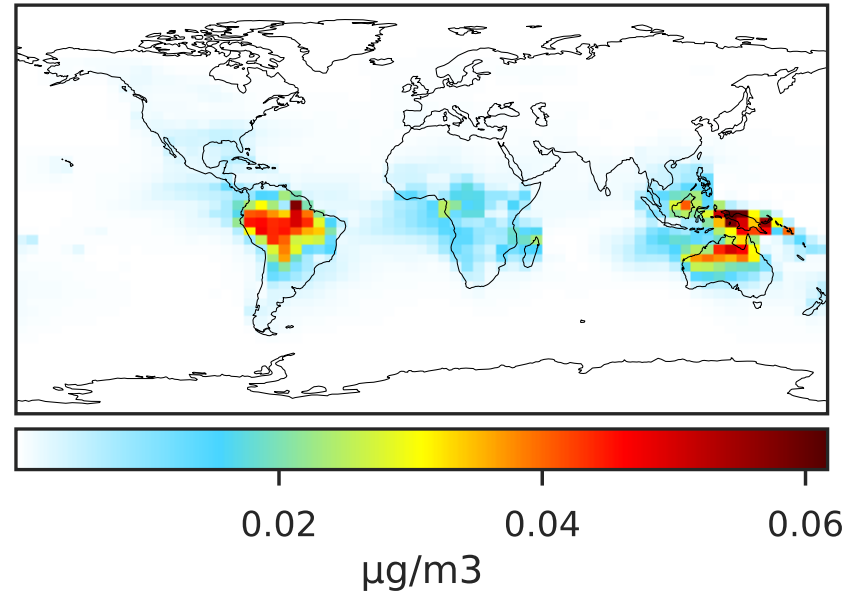


SpeciesConcVV_TSOG0 (Apr2019)

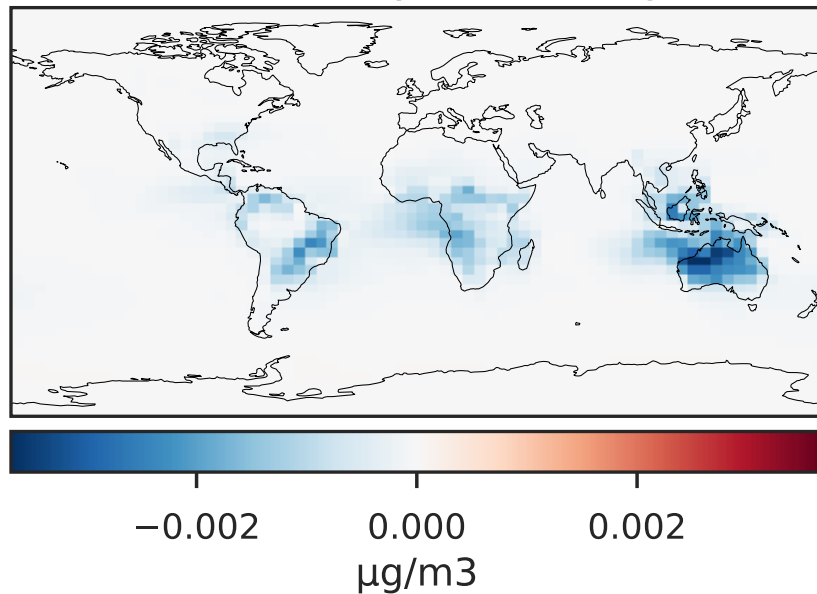
14.2.0-rc.2 (Ref)
4.0x5.0



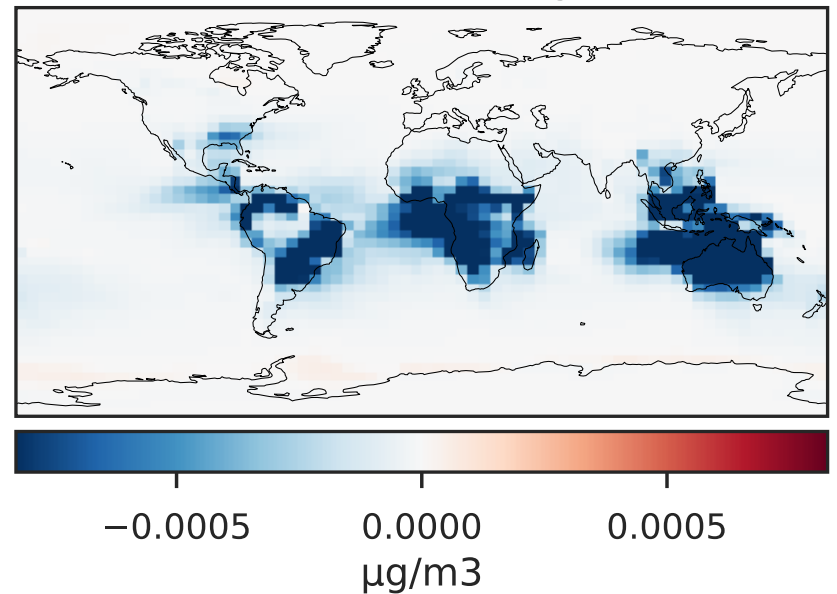
14.3.0-rc.0 (Dev)
4.0x5.0



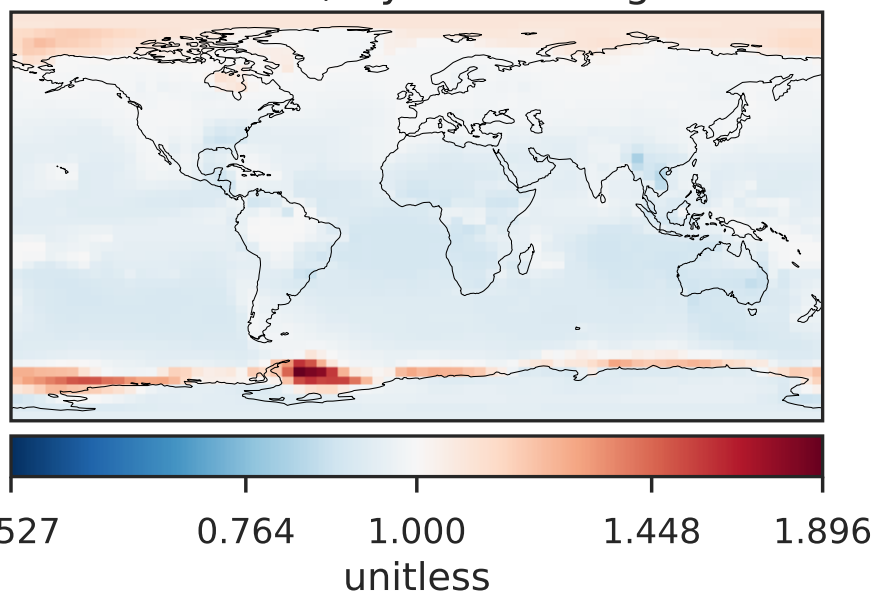
Difference
Dev - Ref, Dynamic Range



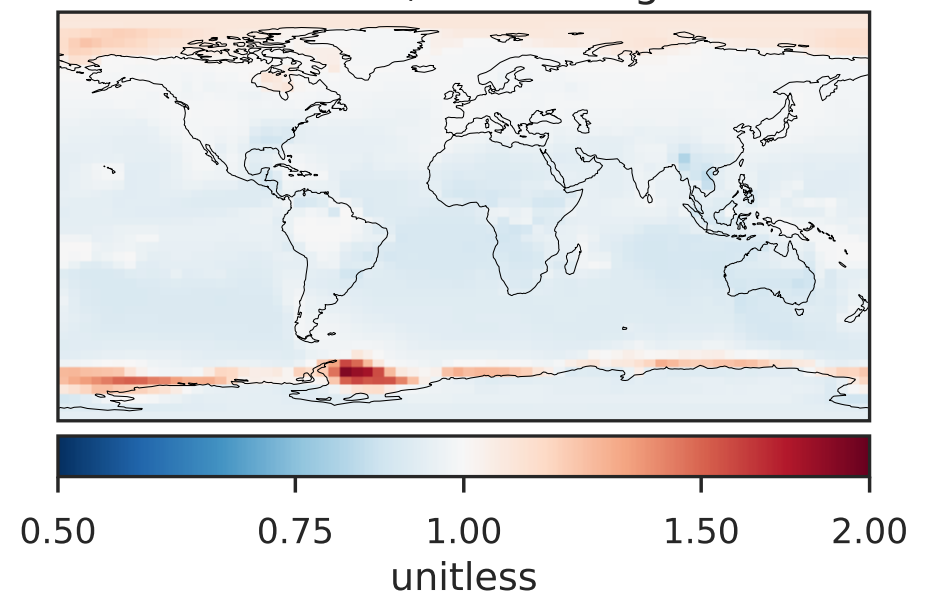
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

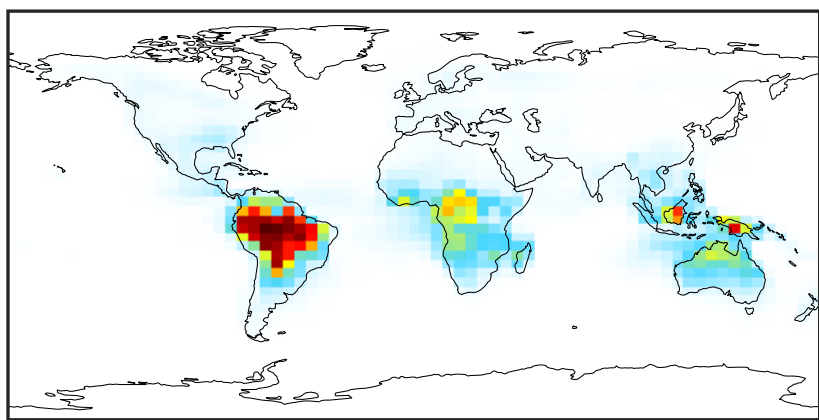


Ratio
Dev/Ref, Fixed Range



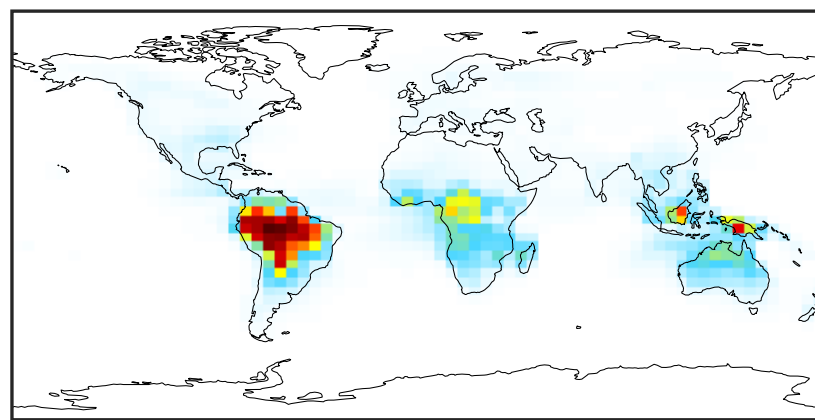
SpeciesConcVV_TSOG1 (Apr2019)

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



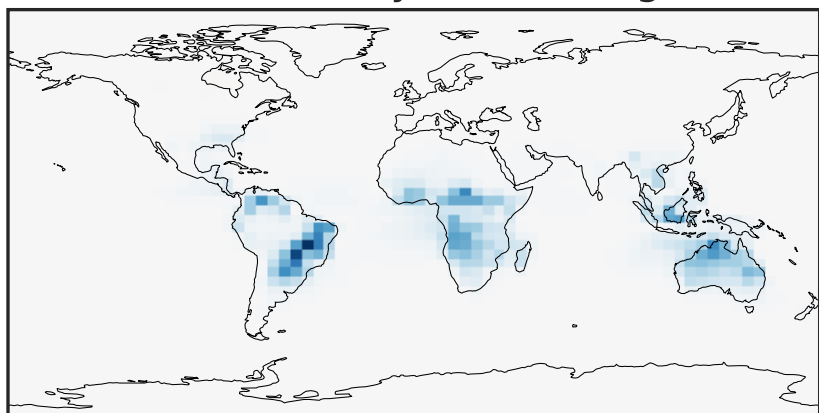
0.0000 0.0383 0.0765 0.1148 0.1530
 $\mu\text{g}/\text{m}^3$

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



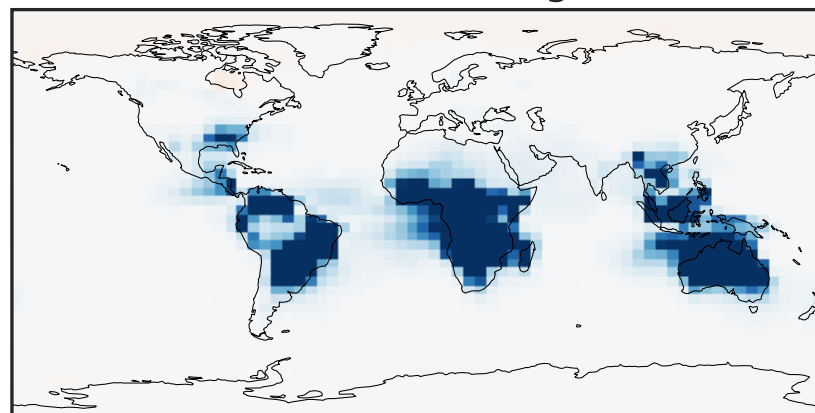
0.0000 0.0383 0.0765 0.1148 0.1530
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



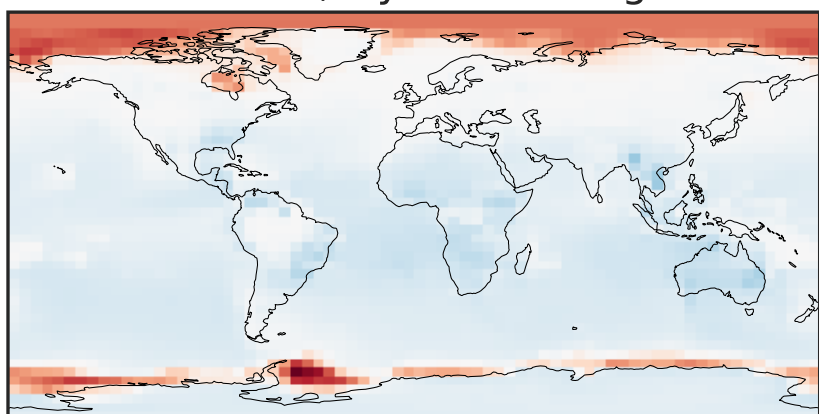
-0.01 0.00 0.01
 $\mu\text{g}/\text{m}^3$

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



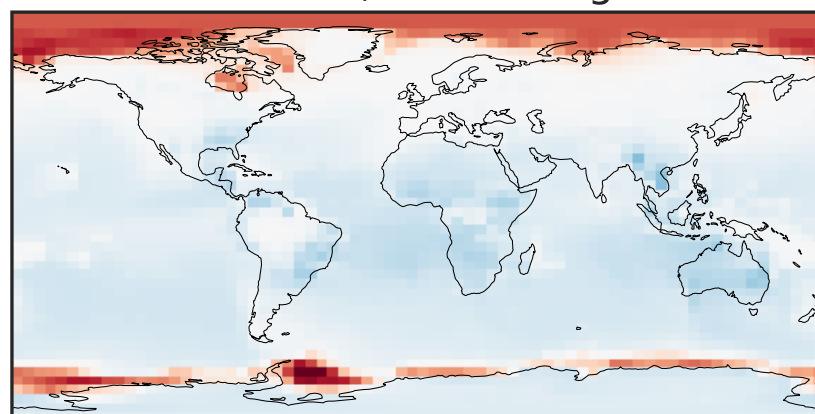
-0.0015 0.0000 0.0015
 $\mu\text{g}/\text{m}^3$

Ratio
Dev/Ref, Dynamic Range



0.446 0.723 1.000 1.620 2.240
unitless

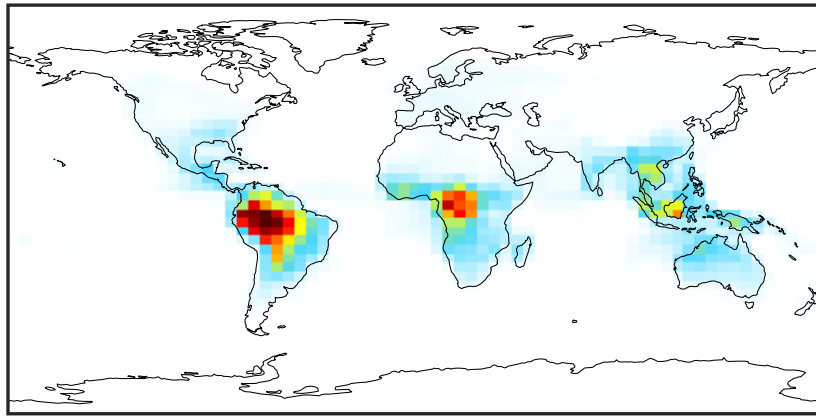
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

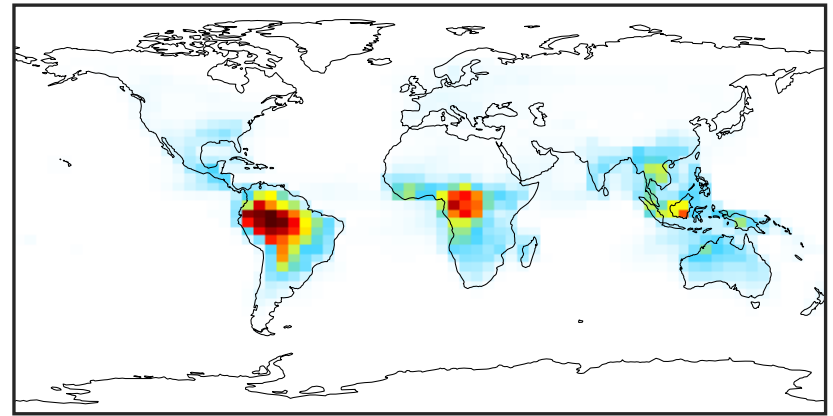
SpeciesConcVV_TSOG2 (Apr2019)

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



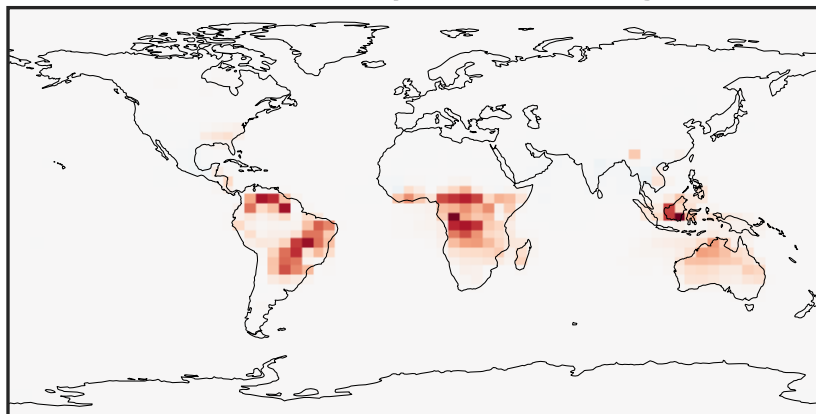
0.000 0.865 1.729 2.594 3.459
µg/m³

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



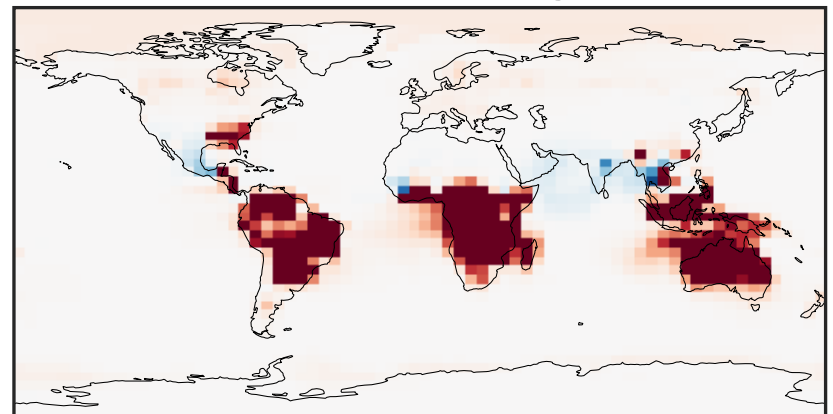
0.000 0.865 1.729 2.594 3.459
µg/m³

Difference
Dev - Ref, Dynamic Range



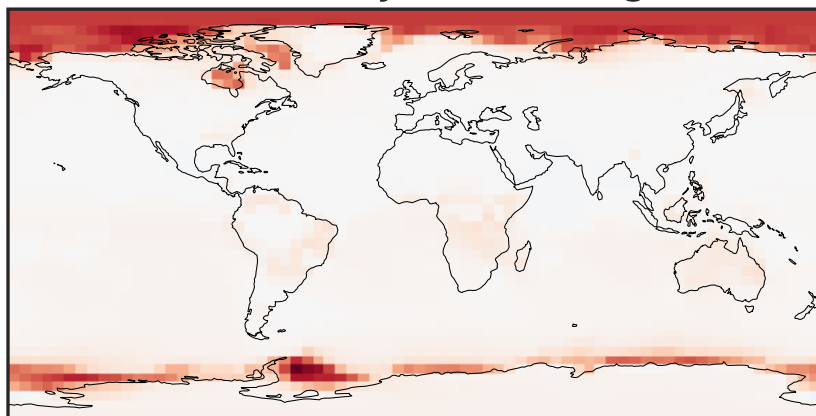
-0.1858 -0.0929 0.0000 0.0929 0.1858
µg/m³

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



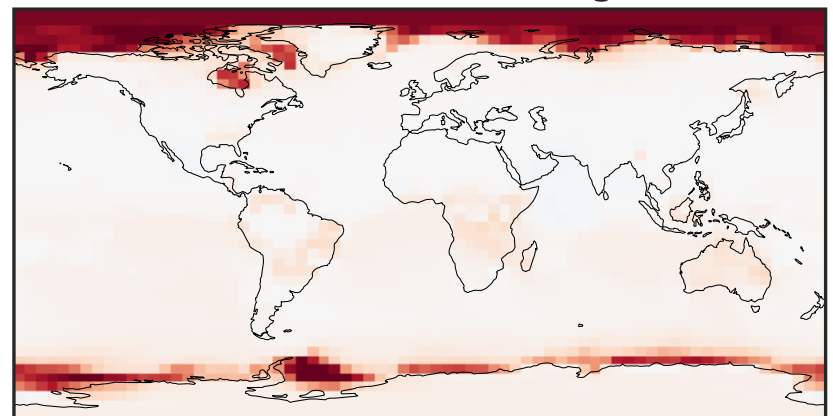
-0.008 0.000 0.008
µg/m³

Ratio
Dev/Ref, Dynamic Range



0.392 0.696 1.000 1.775 2.550
unitless

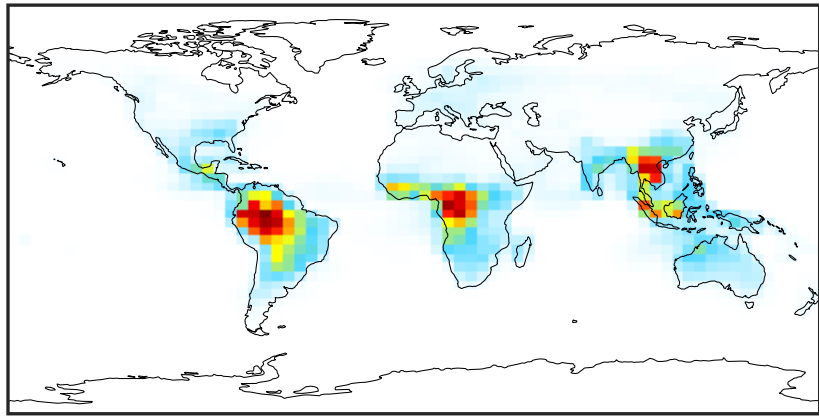
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

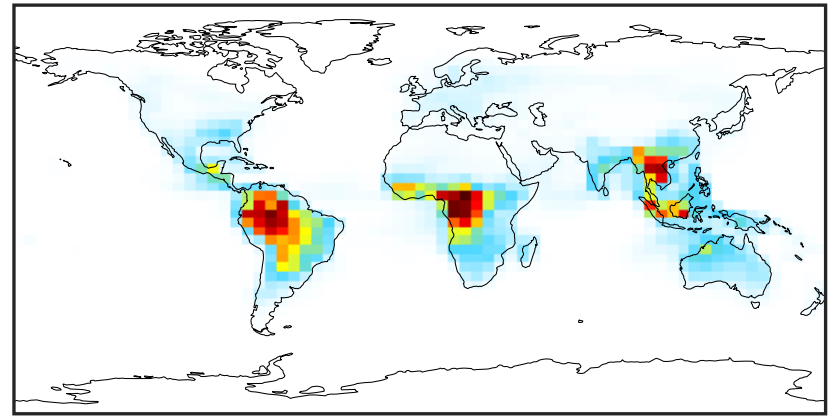
SpeciesConcVV_TSOG3 (Apr2019)

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



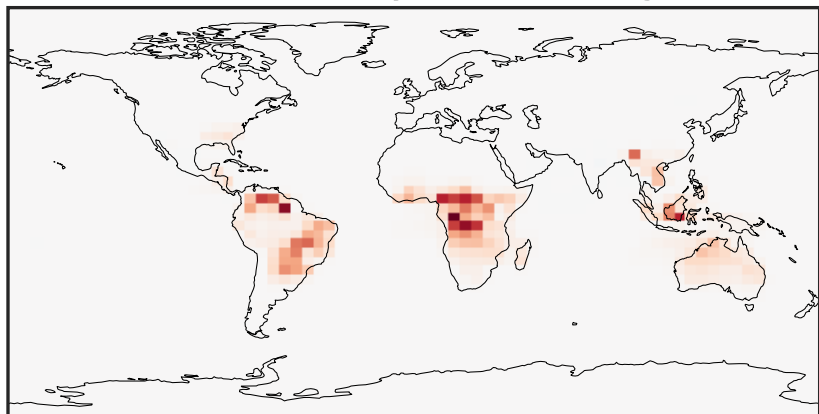
0.000 1.617 3.234 4.851 6.467
 $\mu\text{g}/\text{m}^3$

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



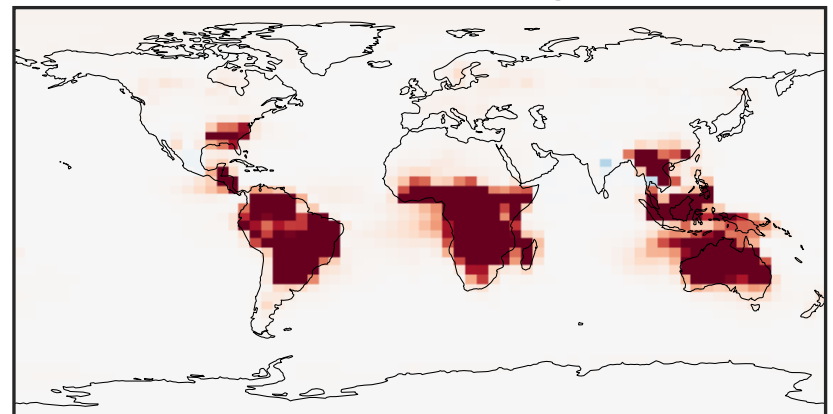
0.000 1.617 3.234 4.851 6.467
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



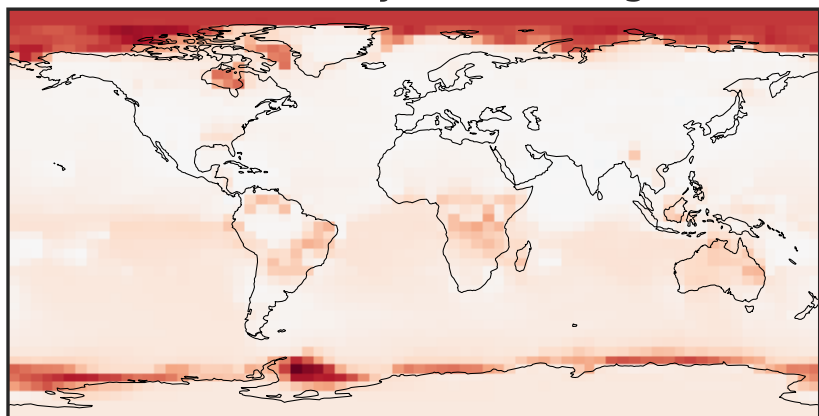
-1.563 -0.781 0.000 0.781 1.563
 $\mu\text{g}/\text{m}^3$

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



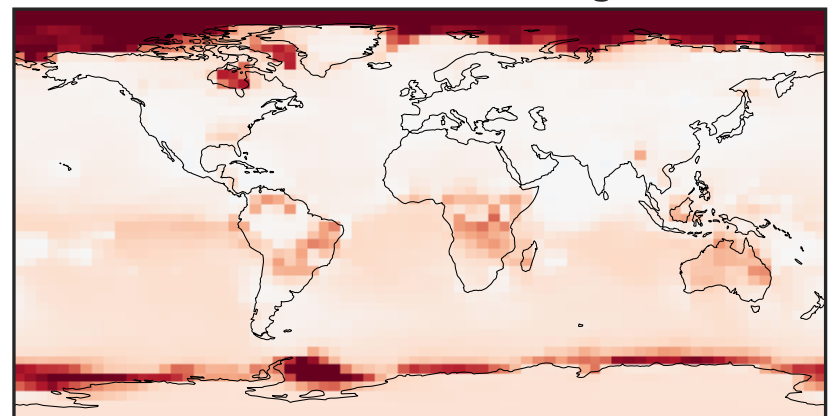
-0.0923 -0.0461 0.0000 0.0461 0.0923
 $\mu\text{g}/\text{m}^3$

Ratio
Dev/Ref, Dynamic Range



0.370 0.685 1.000 1.851 2.702
unitless

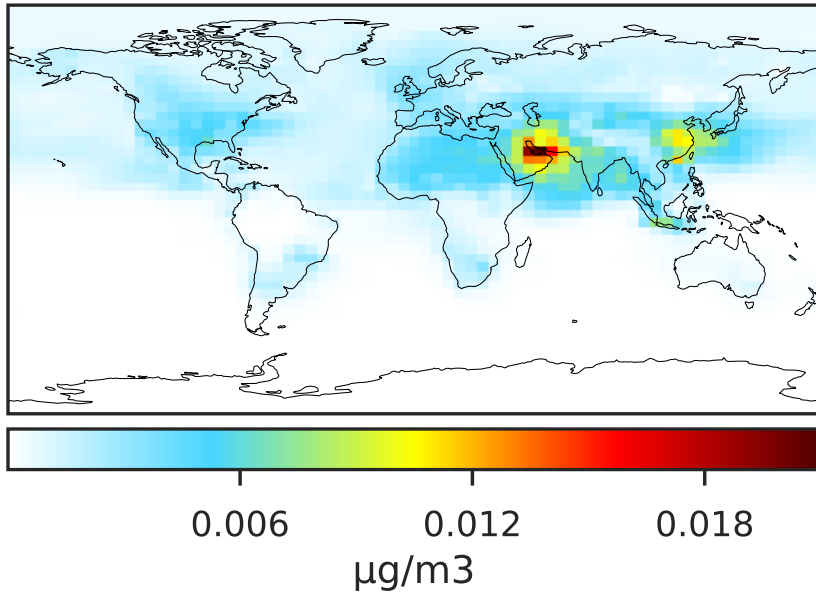
Ratio
Dev/Ref, Fixed Range



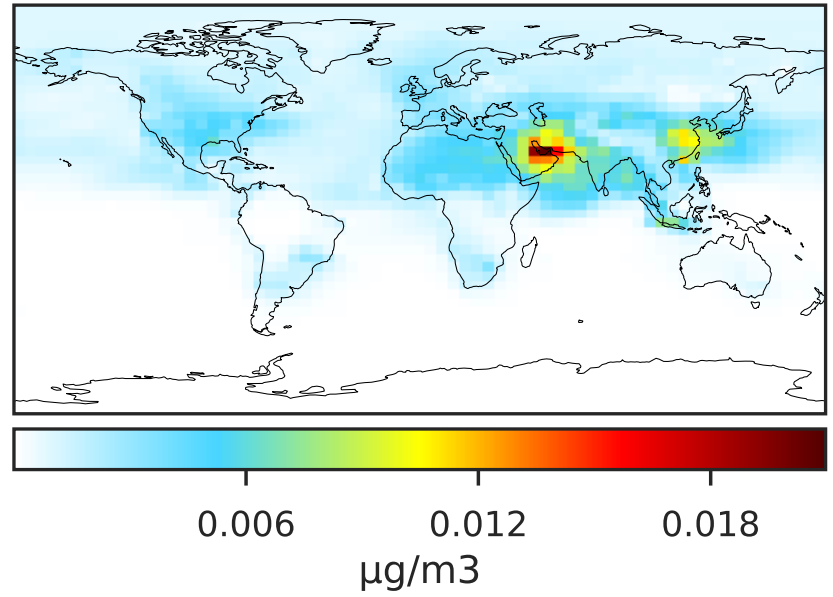
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_ASOG1 (Apr2019)

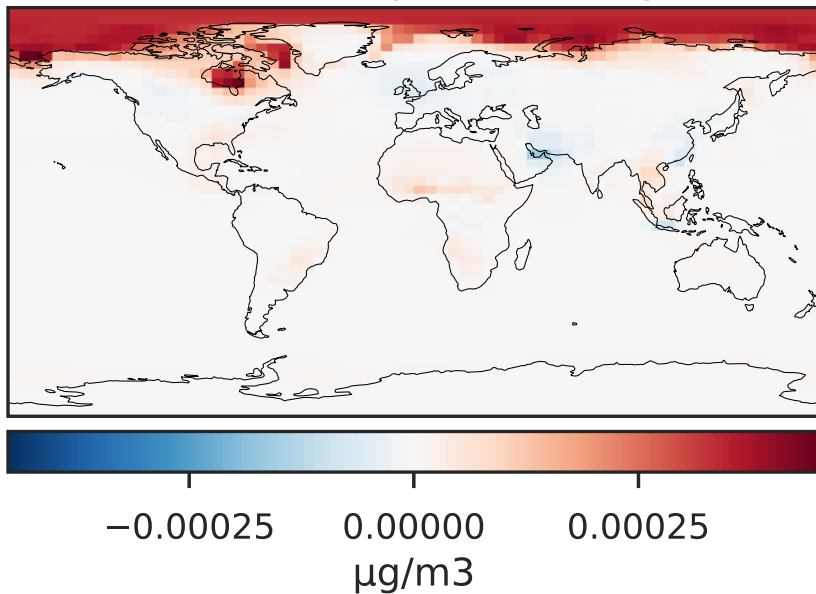
14.2.0-rc.2 (Ref)
4.0x5.0



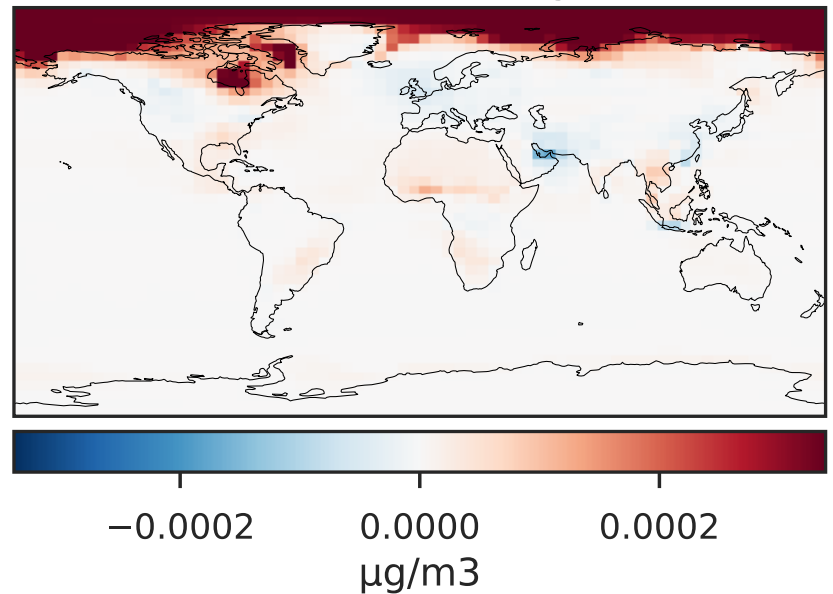
14.3.0-rc.0 (Dev)
4.0x5.0



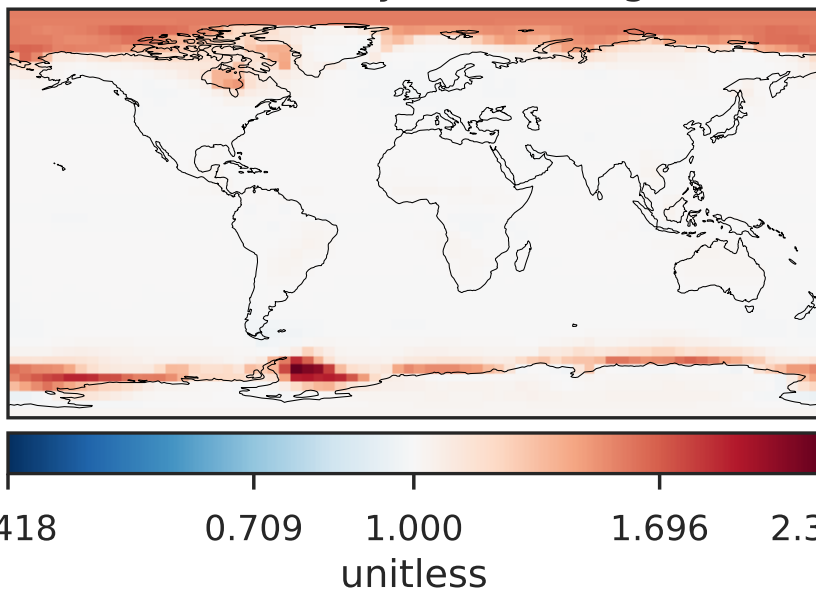
Difference
Dev - Ref, Dynamic Range



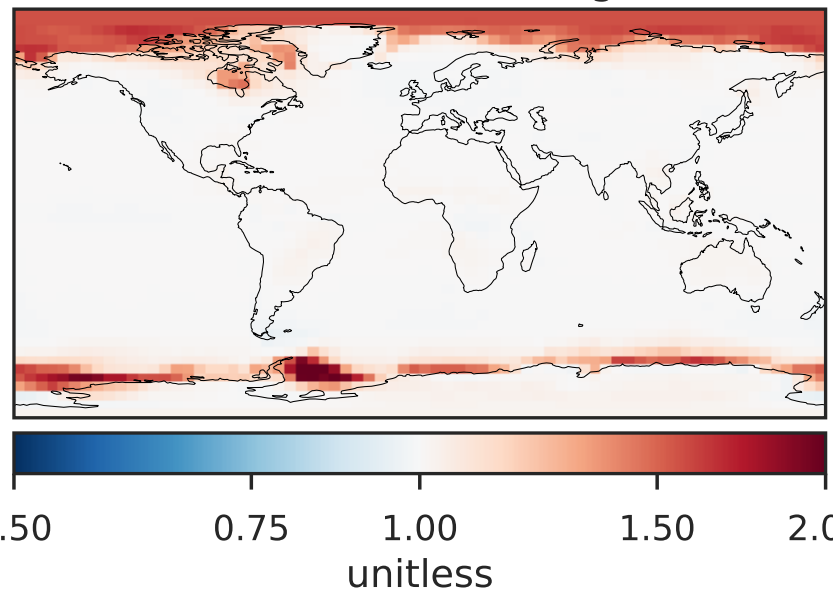
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

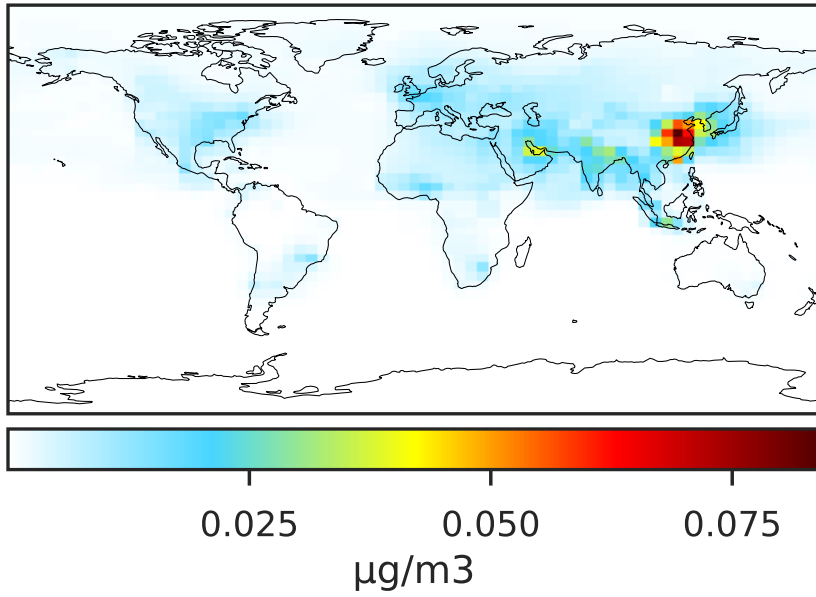


Ratio
Dev/Ref, Fixed Range

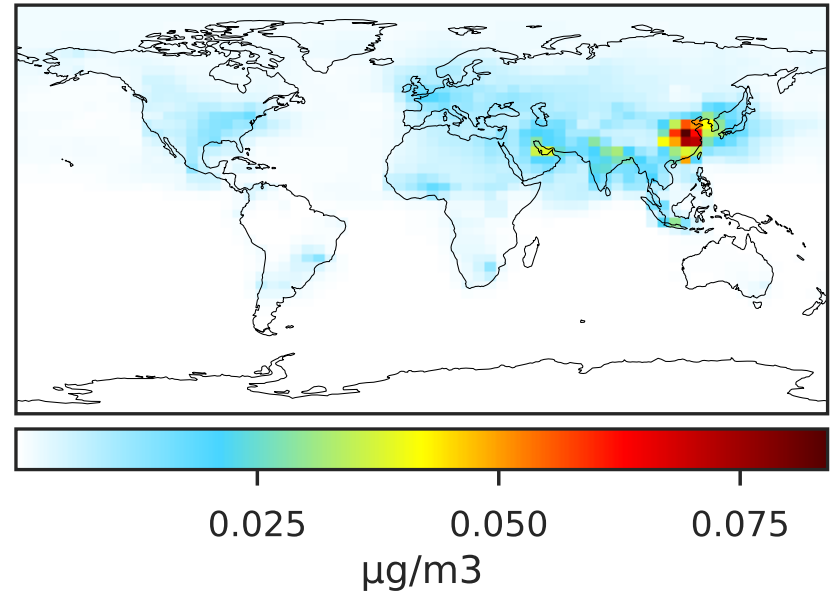


SpeciesConcVV_ASOG2 (Apr2019)

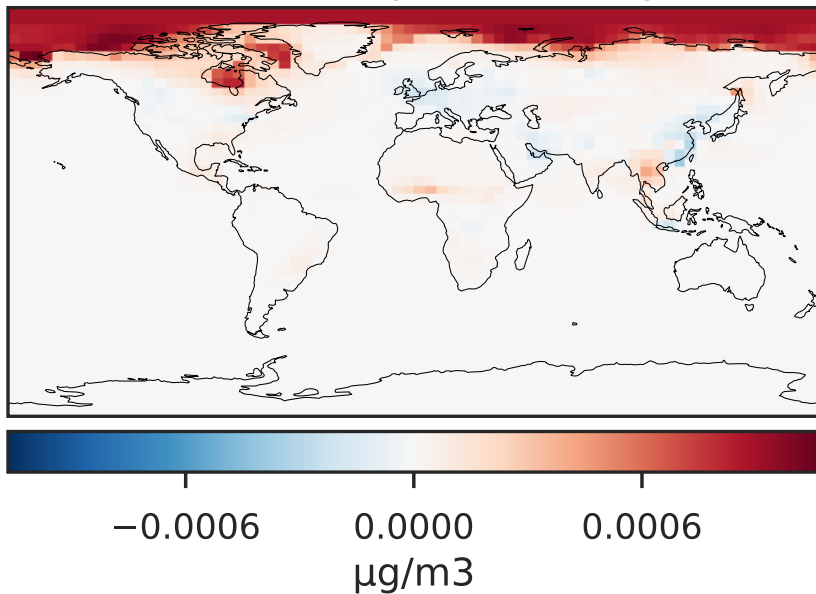
14.2.0-rc.2 (Ref)
4.0x5.0



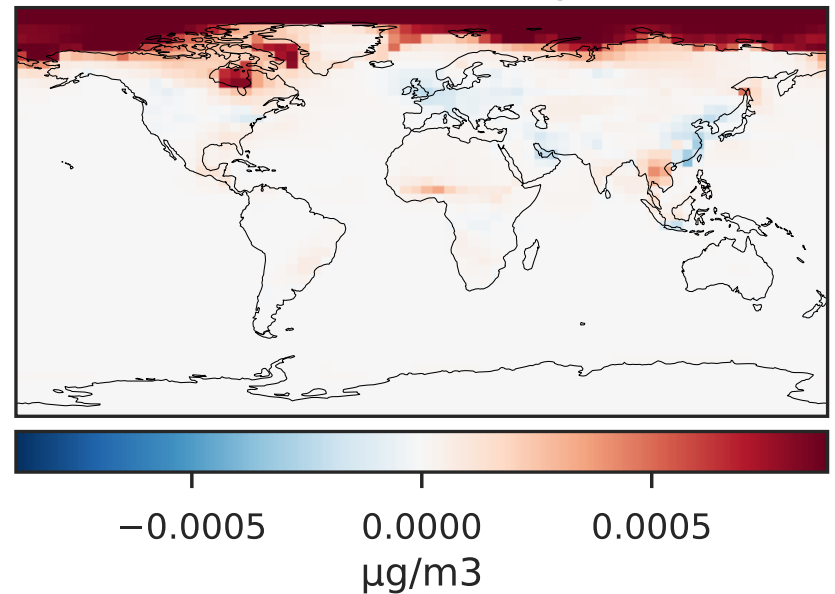
14.3.0-rc.0 (Dev)
4.0x5.0



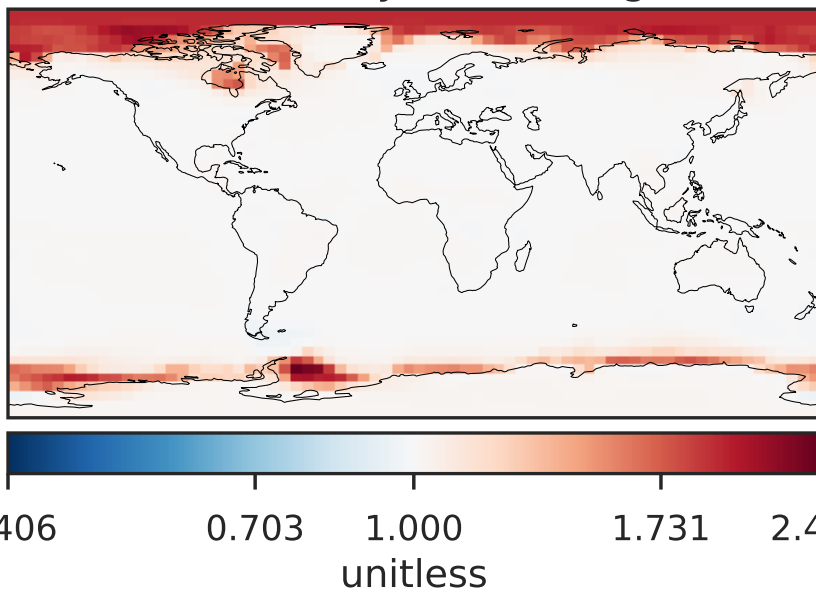
Difference
Dev - Ref, Dynamic Range



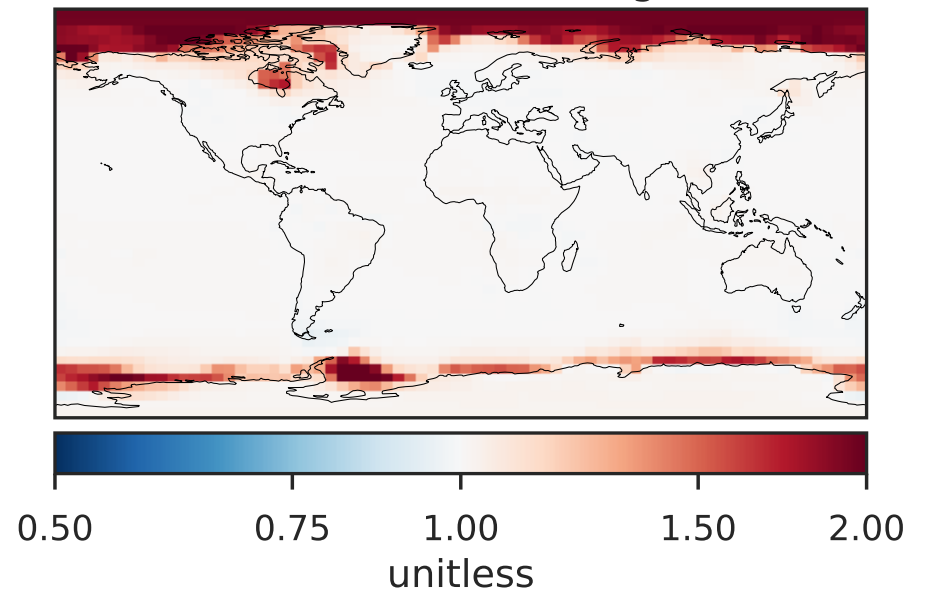
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

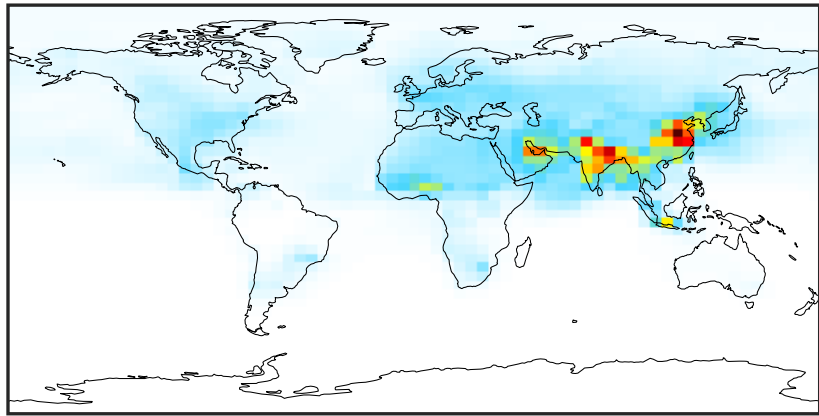


Ratio
Dev/Ref, Fixed Range



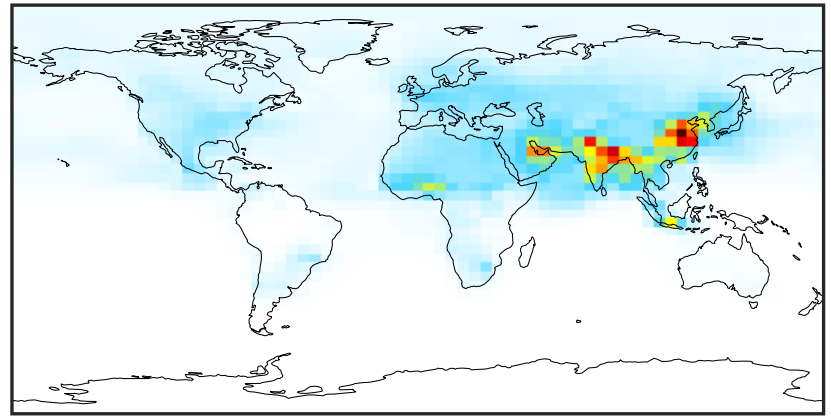
SpeciesConcVV_ASOG3 (Apr2019)

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



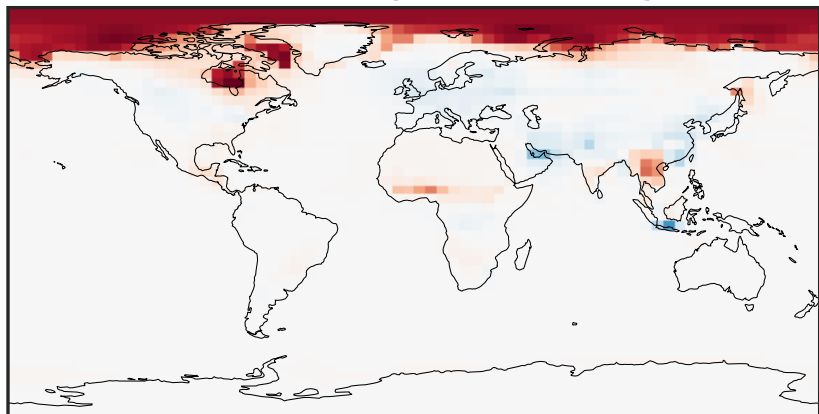
0.0000 0.0957 0.1913 0.2869 0.3825
 $\mu\text{g}/\text{m}^3$

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



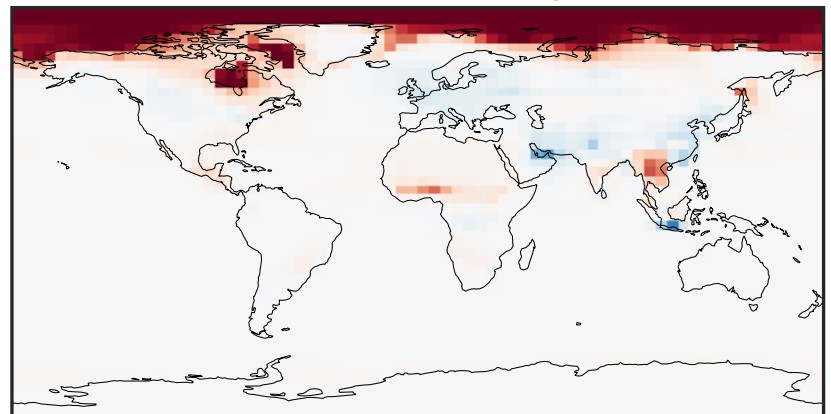
0.0000 0.0957 0.1913 0.2869 0.3825
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



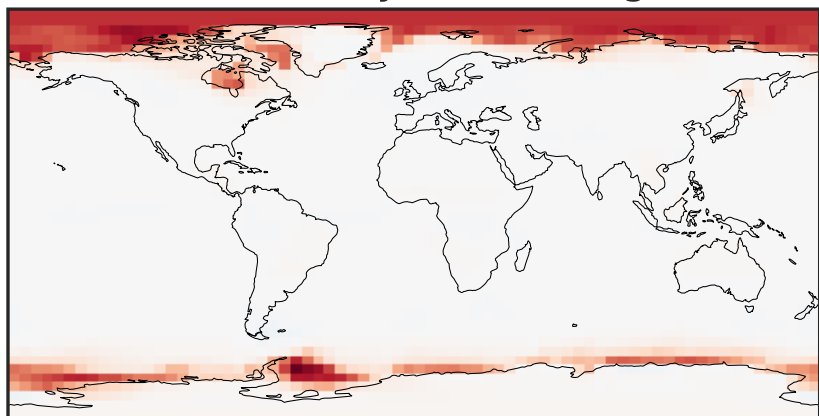
-0.004 0.000 0.004
 $\mu\text{g}/\text{m}^3$

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



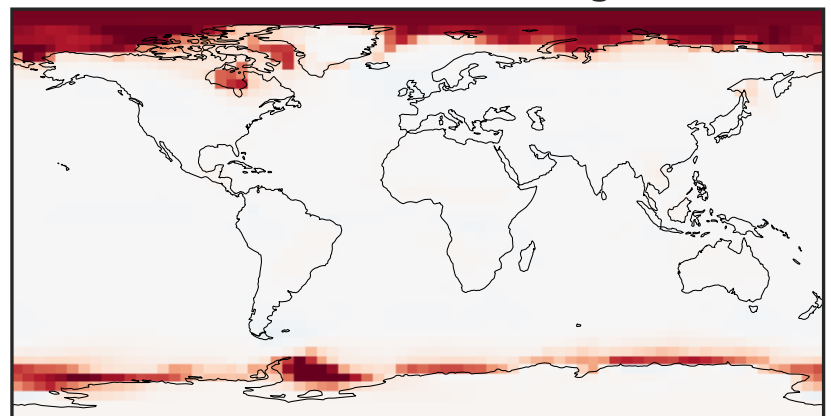
-0.003 0.000 0.003
 $\mu\text{g}/\text{m}^3$

Ratio
Dev/Ref, Dynamic Range



0.407 0.703 1.000 1.730 2.459
unitless

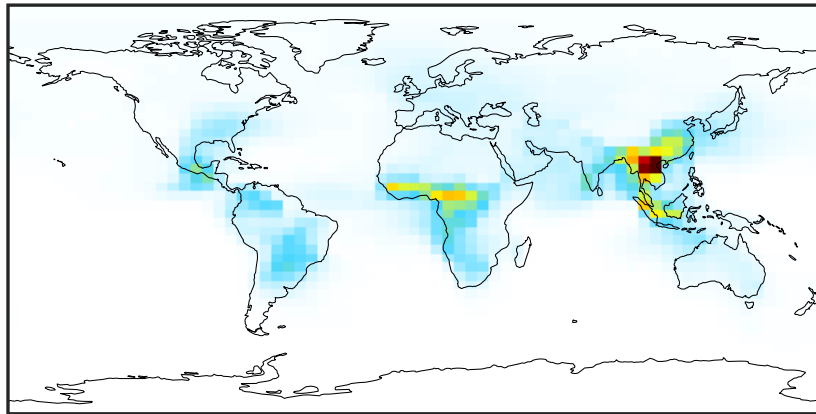
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

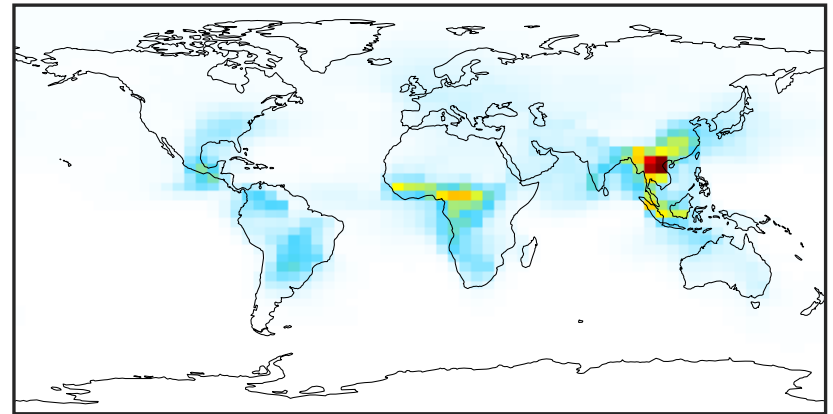
SpeciesConcVV_INDIOL (Apr2019)

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



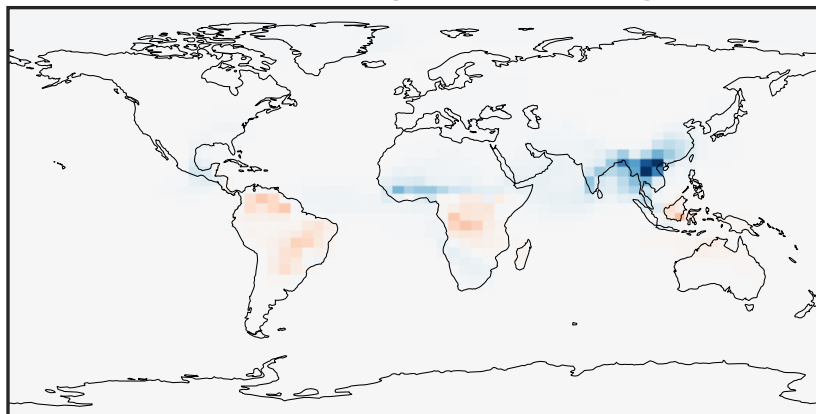
0.001 2.396 4.790 7.184 9.579
 $\mu\text{g}/\text{m}^3$

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



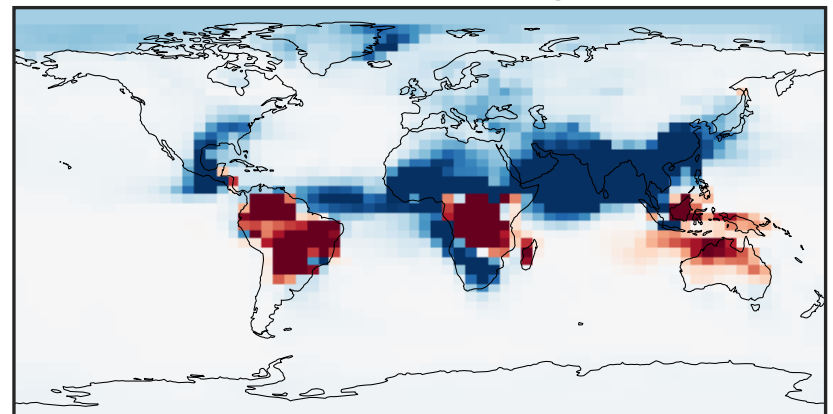
0.001 2.396 4.790 7.184 9.579
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



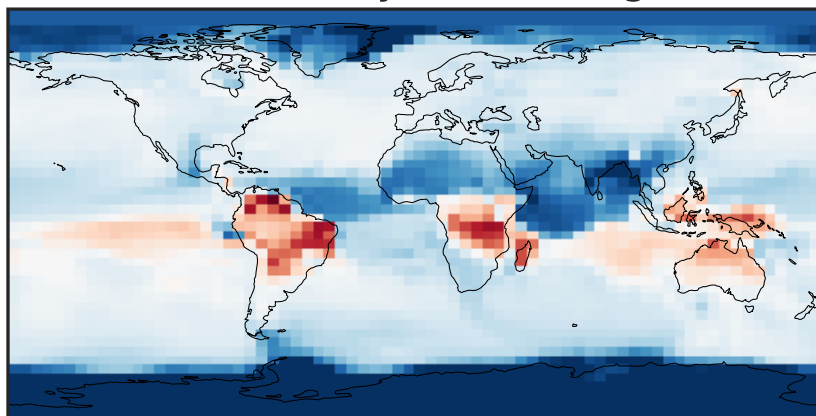
-0.622 -0.311 0.000 0.311 0.622
 $\mu\text{g}/\text{m}^3$

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



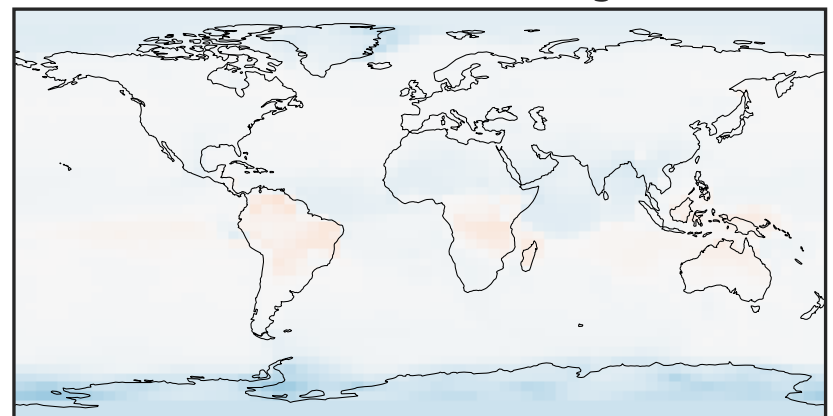
-0.015 0.000 0.015
 $\mu\text{g}/\text{m}^3$

Ratio
Dev/Ref, Dynamic Range



0.9155 0.9577 1.0000 1.0462 1.0923
unitless

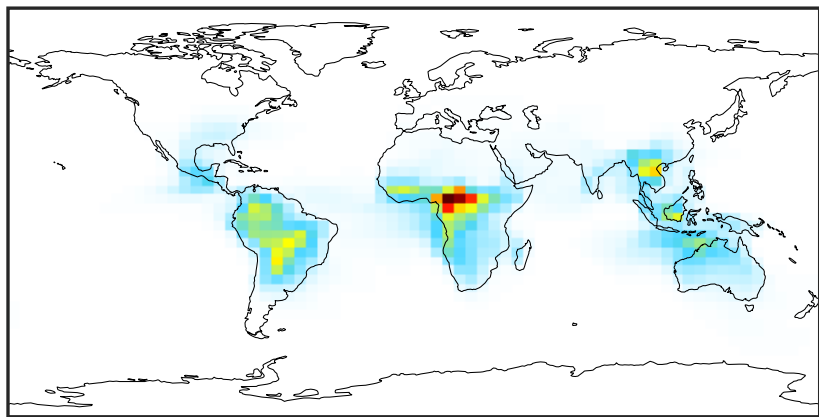
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

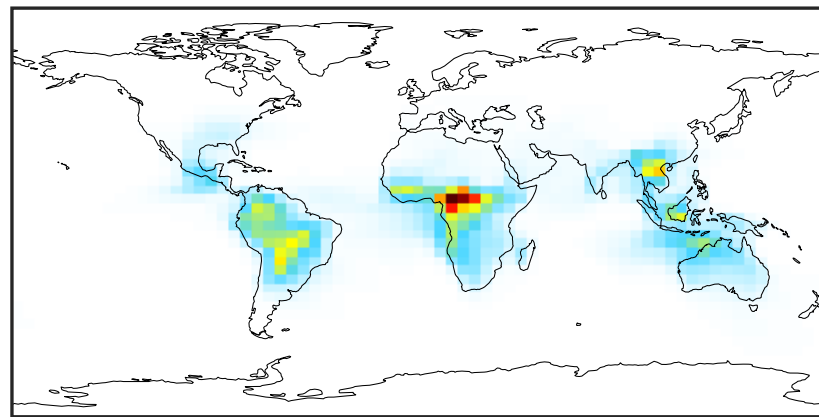
SpeciesConcVV_LVCOA (Apr2019)

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



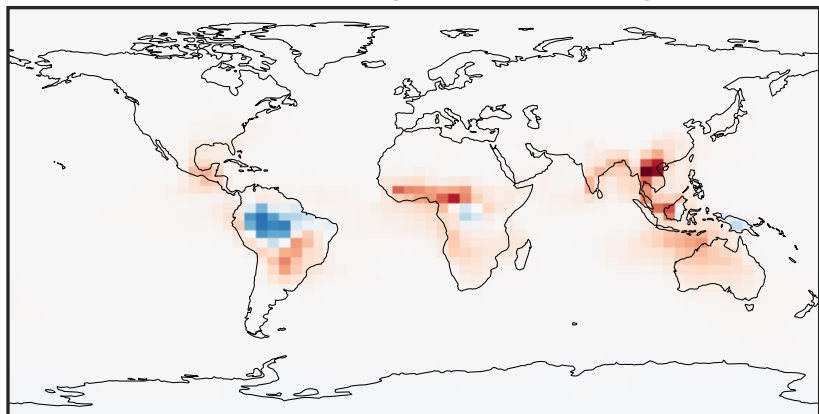
0.0001 0.0698 0.1395 0.2092 0.2789
 $\mu\text{g}/\text{m}^3$

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



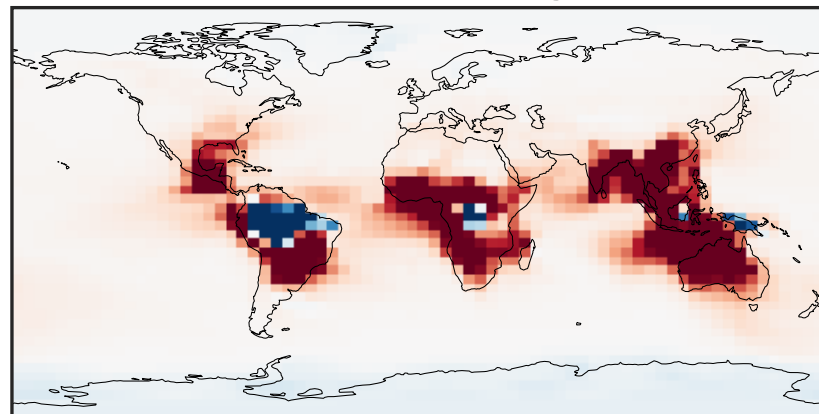
0.0001 0.0698 0.1395 0.2092 0.2789
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



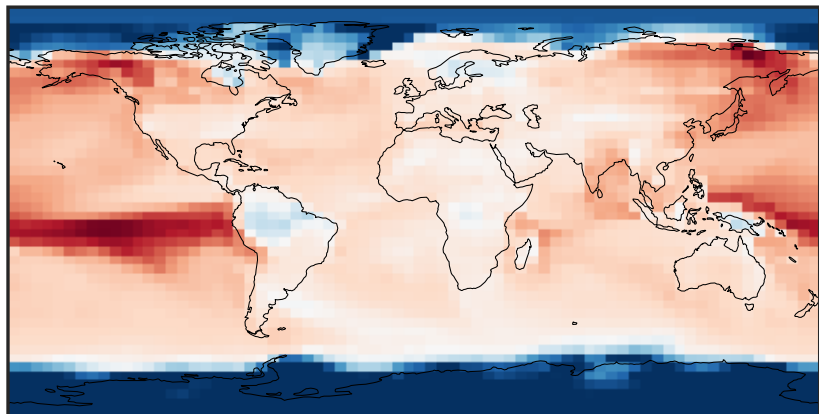
-0.0015 0.0000 0.0015
 $\mu\text{g}/\text{m}^3$

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



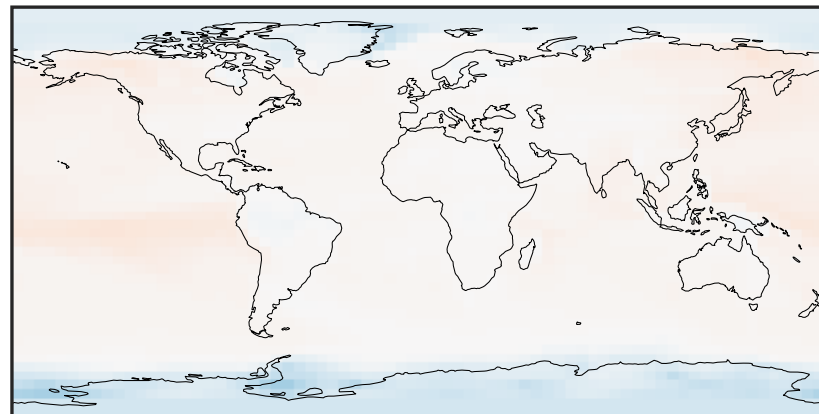
-0.0002 0.0000 0.0002
 $\mu\text{g}/\text{m}^3$

Ratio
Dev/Ref, Dynamic Range



0.9180 0.9590 1.0000 1.0446 1.0893
unitless

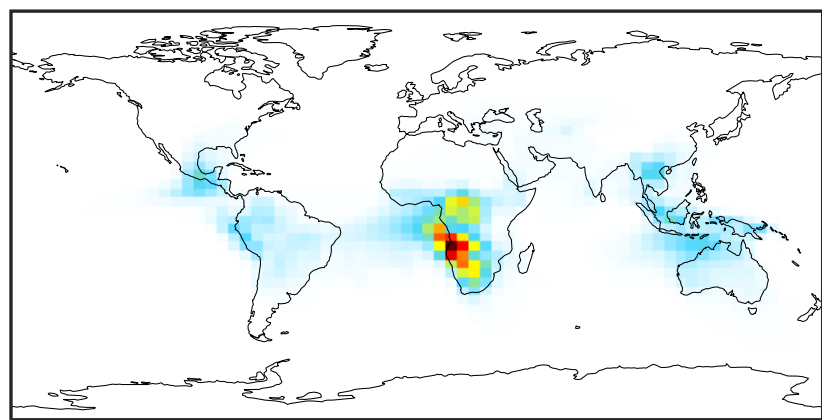
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

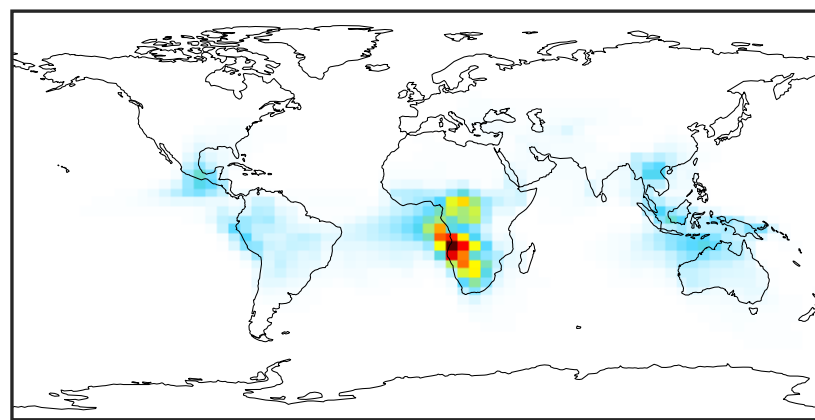
SpeciesConcVV_SOAIE (Apr2019)

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



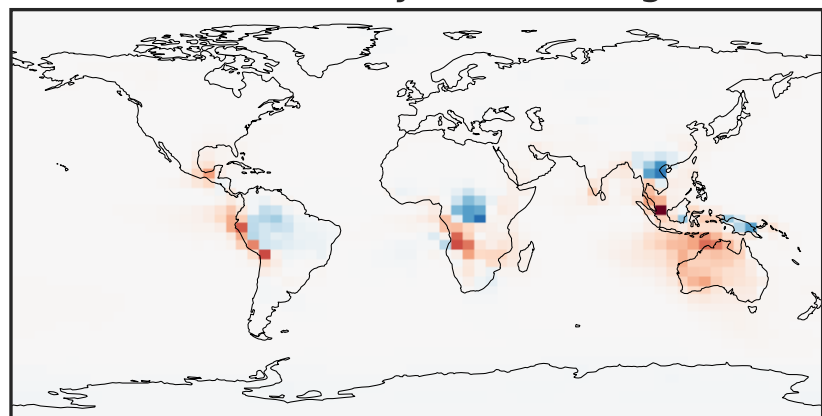
0.001 1.362 2.722 4.083 5.444
 $\mu\text{g}/\text{m}^3$

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



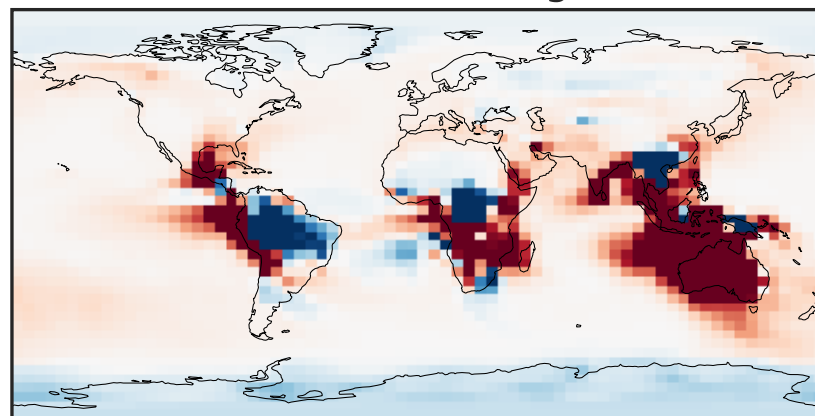
0.001 1.362 2.722 4.083 5.444
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



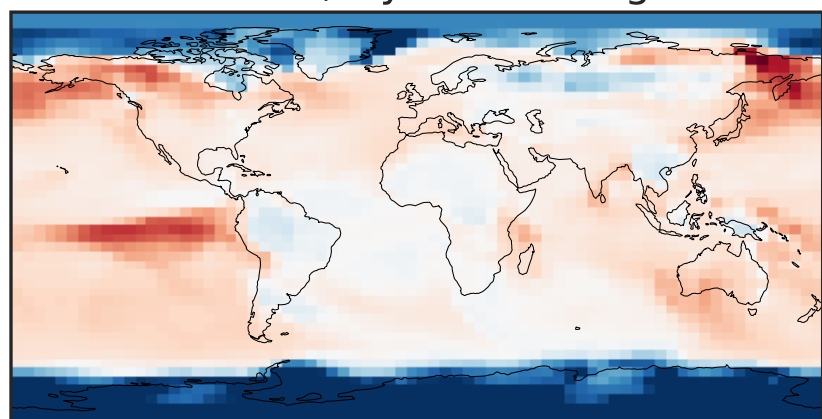
-0.02 0.00 0.02
 $\mu\text{g}/\text{m}^3$

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



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

Ratio
Dev/Ref, Dynamic Range



0.9030 0.9515 1.0000 1.0537 1.1075
unitless

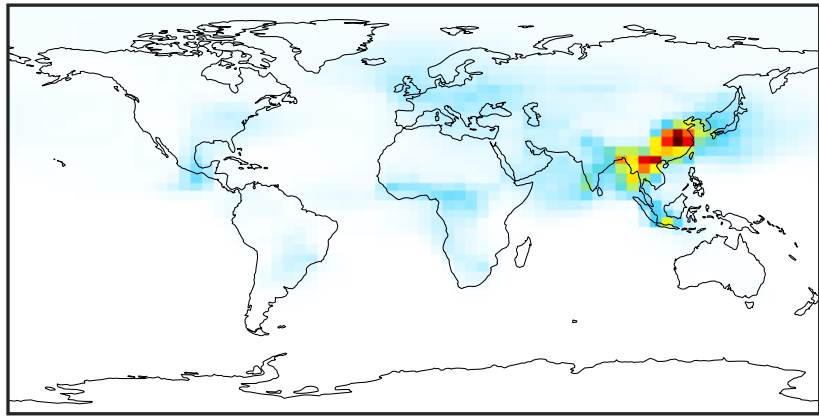
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

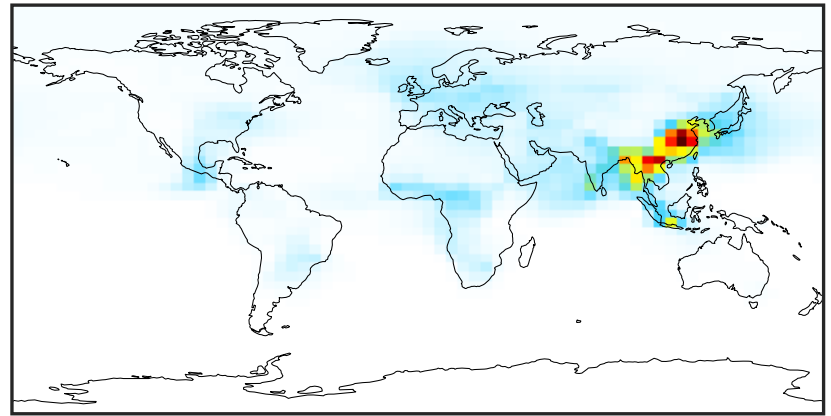
SpeciesConcVV_SOAGX (Apr2019)

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



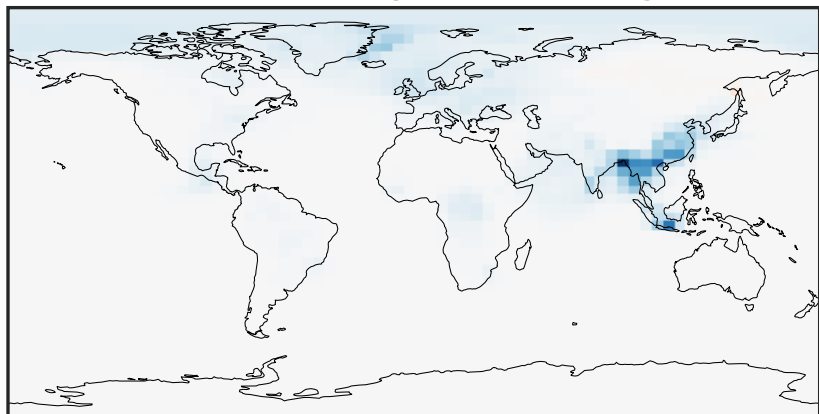
0.000 0.300 0.601 0.901 1.201
 $\mu\text{g}/\text{m}^3$

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



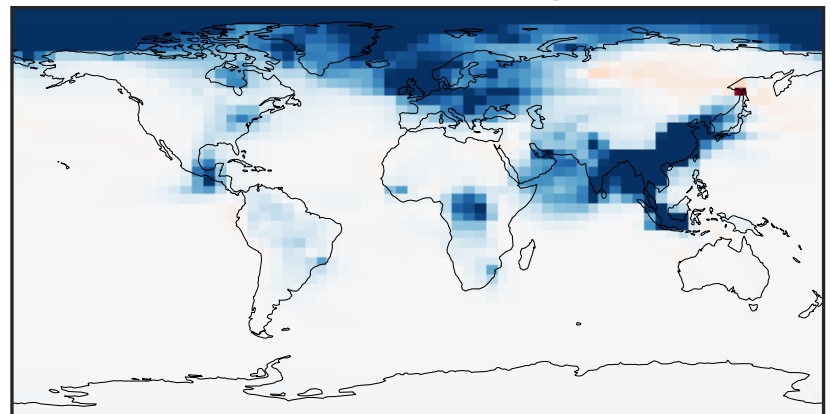
0.000 0.300 0.601 0.901 1.201
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



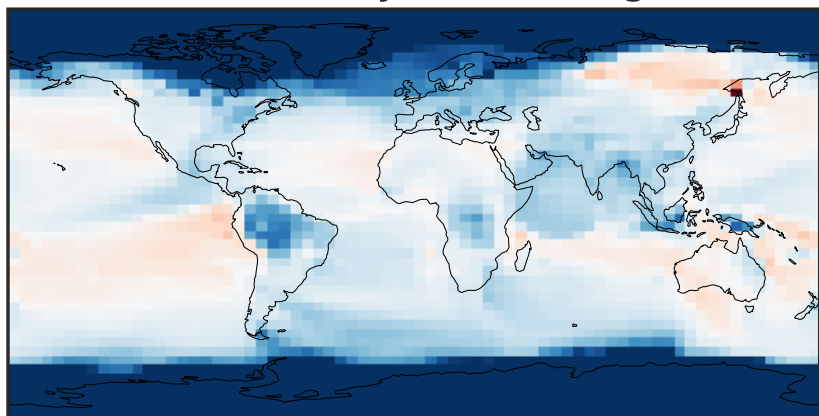
-0.008 0.000 0.008
 $\mu\text{g}/\text{m}^3$

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



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

Ratio
Dev/Ref, Dynamic Range



0.97080 0.98540 1.00000 1.01504 1.03008
unitless

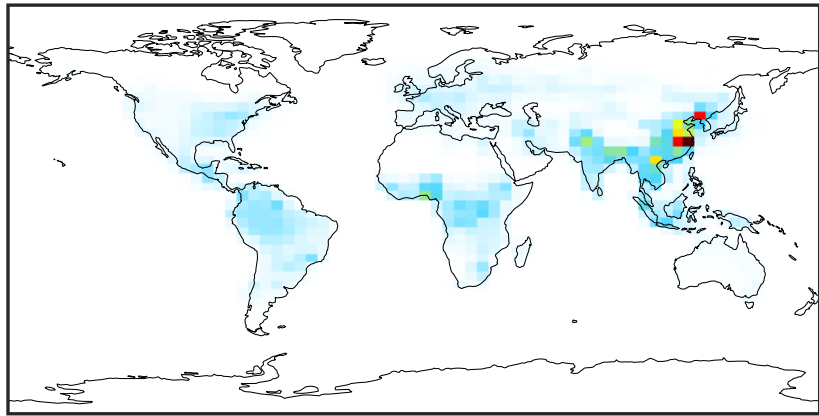
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

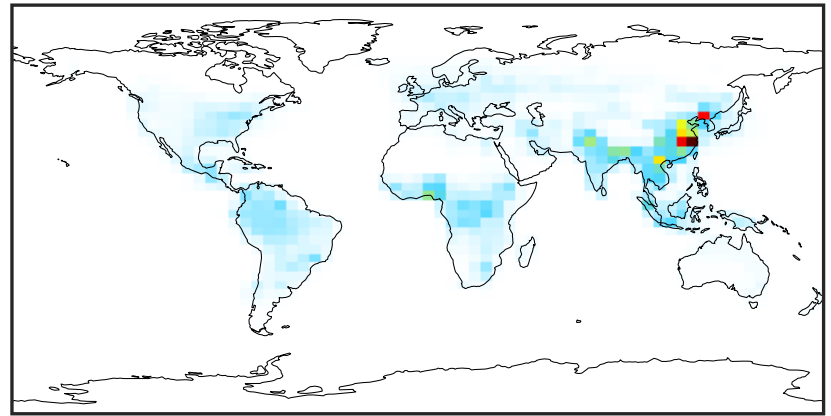
SpeciesConcVV_SOAP (Apr2019)

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



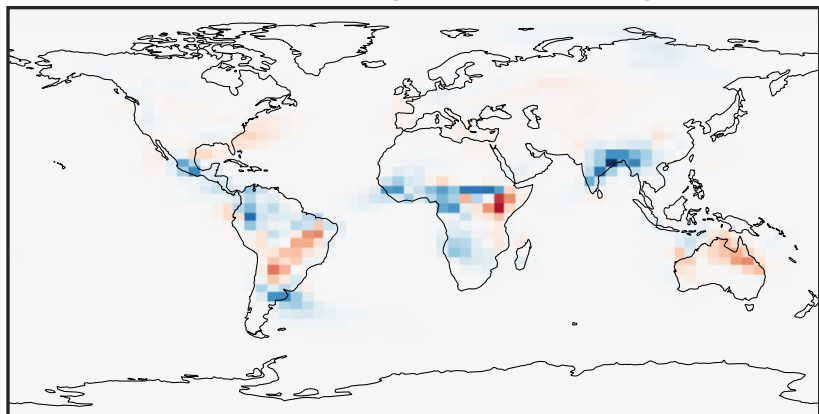
0.00 3.01 6.02 9.04 12.05
 $\mu\text{g}/\text{m}^3$

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



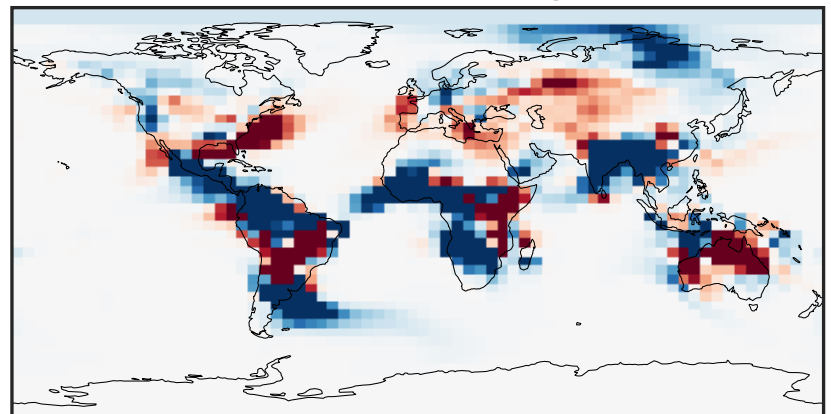
0.00 3.01 6.02 9.04 12.05
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



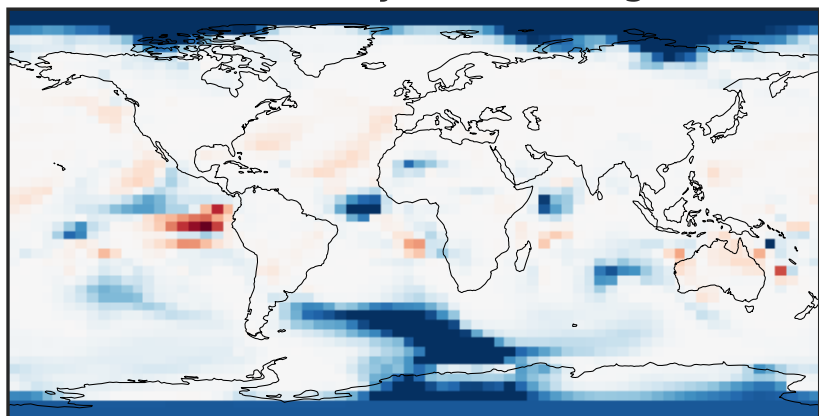
-4 0 4
 $\mu\text{g}/\text{m}^3$ $1\text{e}-5$

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



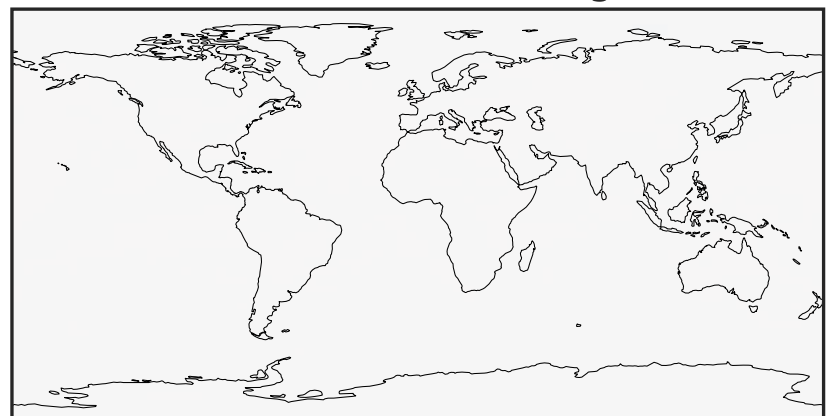
-3 0 3
 $\mu\text{g}/\text{m}^3$ $1\text{e}-6$

Ratio
Dev/Ref, Dynamic Range



0.998795 0.999397 1.000000 1.000603 1.001207
unitless

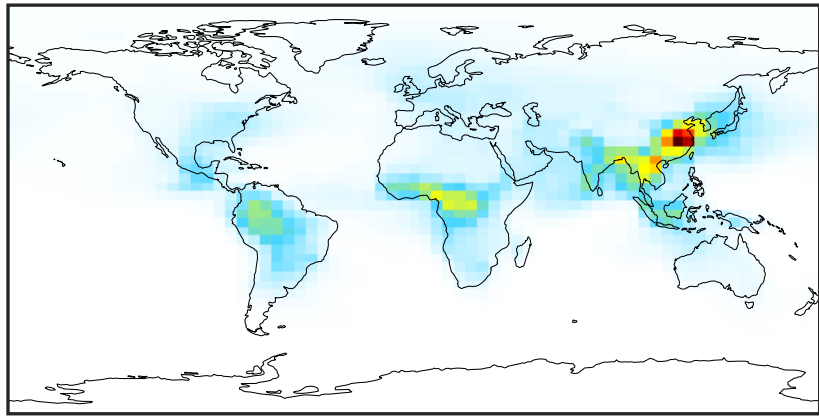
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

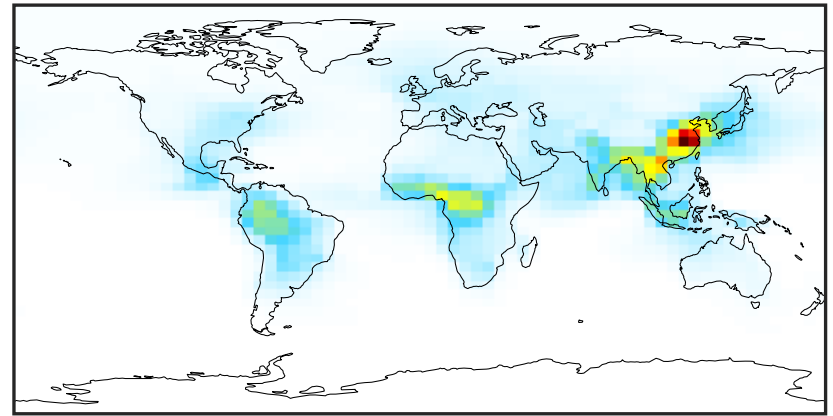
SpeciesConcVV_SOAS (Apr2019)

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



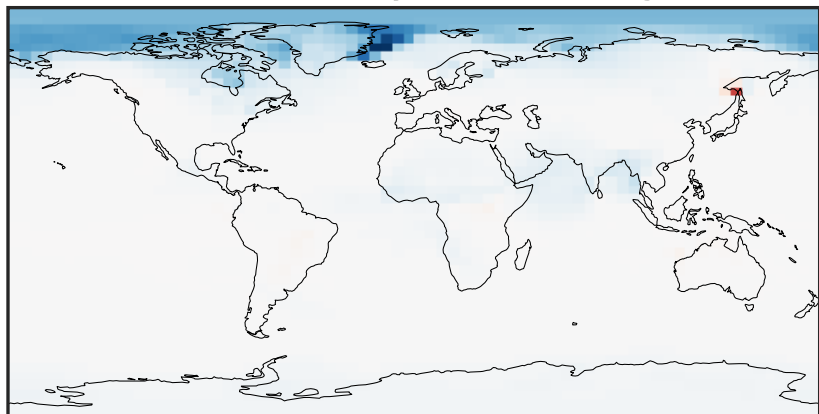
0.00 3.55 7.10 10.65 14.20
 $\mu\text{g}/\text{m}^3$

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



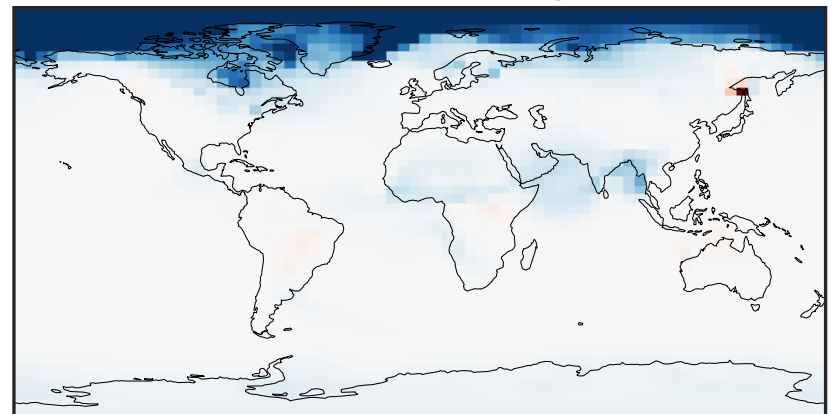
0.00 3.55 7.10 10.65 14.20
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



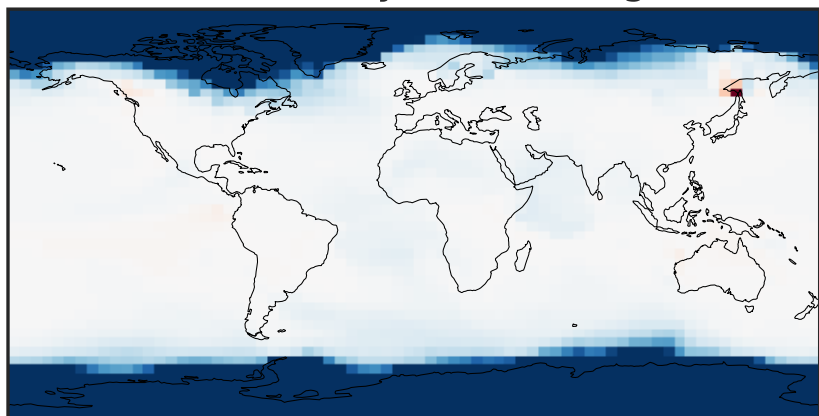
-0.025 0.000 0.025
 $\mu\text{g}/\text{m}^3$

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



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

Ratio
Dev/Ref, Dynamic Range



0.96299 0.98150 1.00000 1.01921 1.03843
unitless

Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless