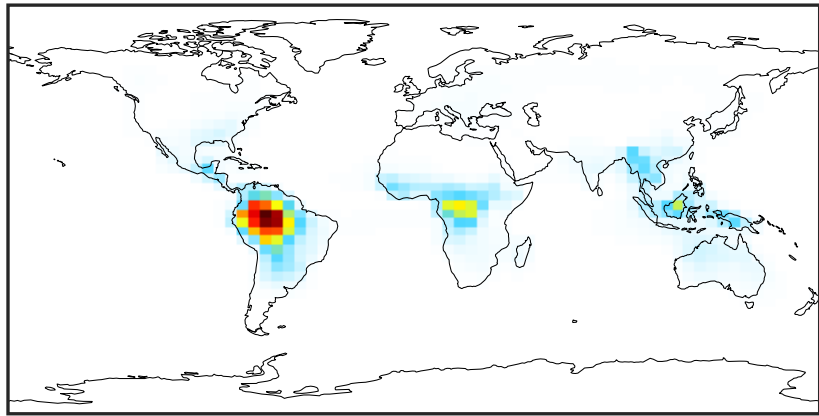


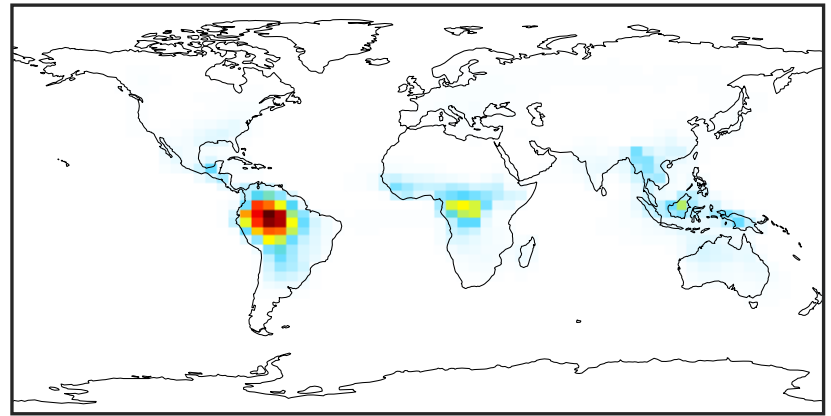
SpeciesConcVV_TSOA0 (Oct2019)

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



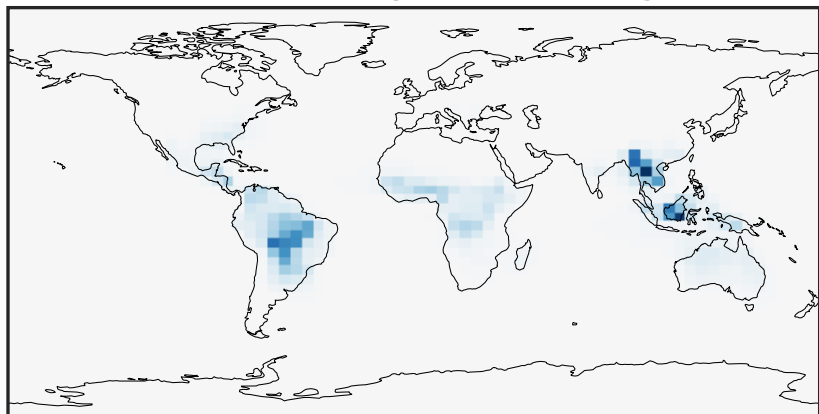
0.000 0.671 1.341 2.012 2.682
µg/m3

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



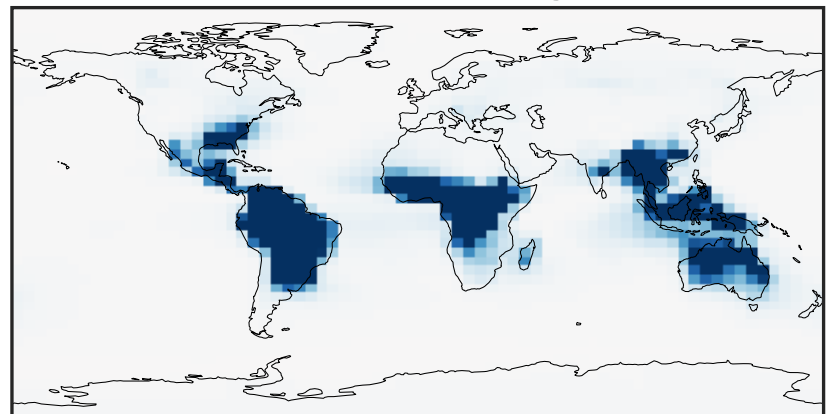
0.000 0.671 1.341 2.012 2.682
µg/m3

Difference
Dev - Ref, Dynamic Range



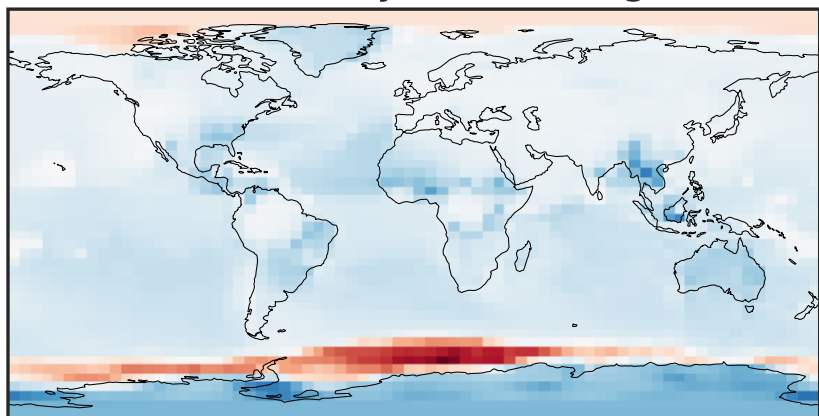
-0.148 -0.074 0.000 0.074 0.148
µg/m3

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



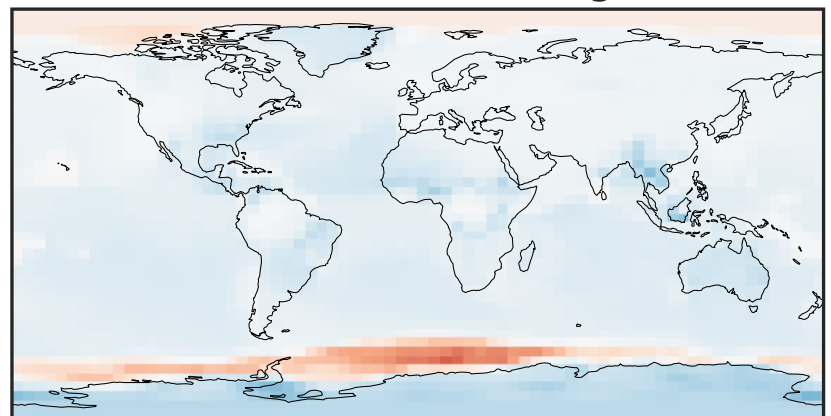
-0.006 0.000 0.006
µg/m3

Ratio
Dev/Ref, Dynamic Range



0.6558 0.8279 1.0000 1.2624 1.5249
unitless

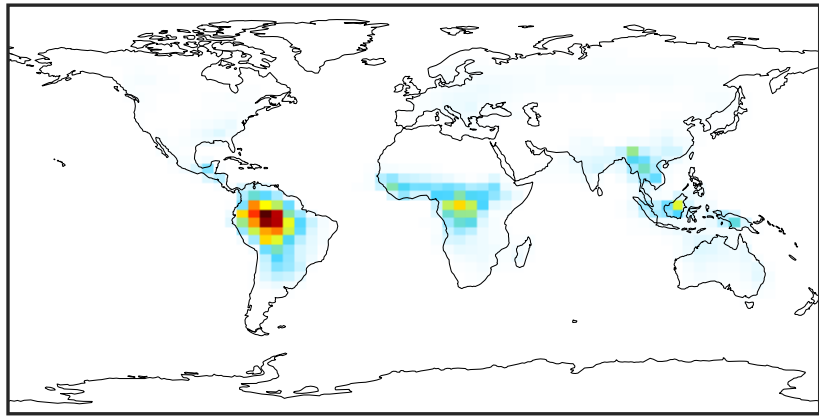
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

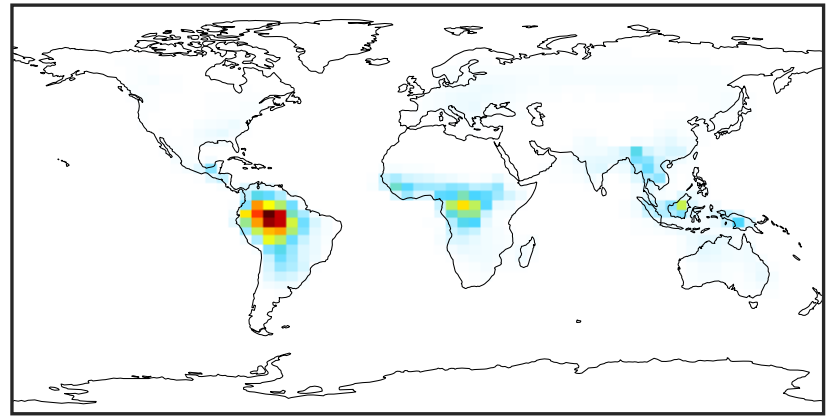
SpeciesConcVV_TSOA1 (Oct2019)

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



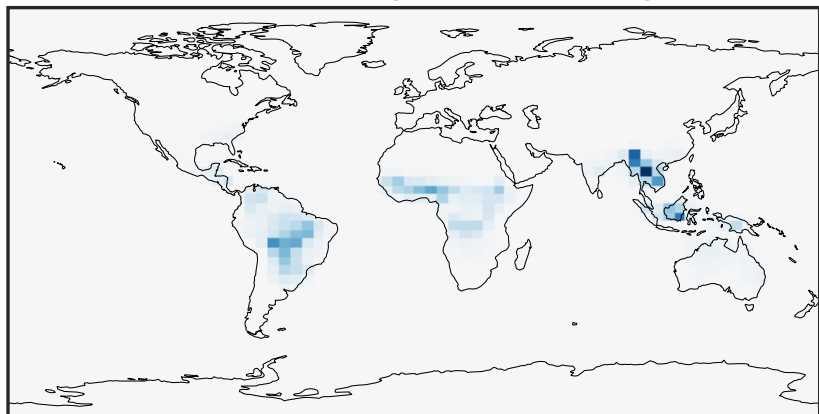
0.000 0.265 0.530 0.796 1.061
 $\mu\text{g}/\text{m}^3$

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



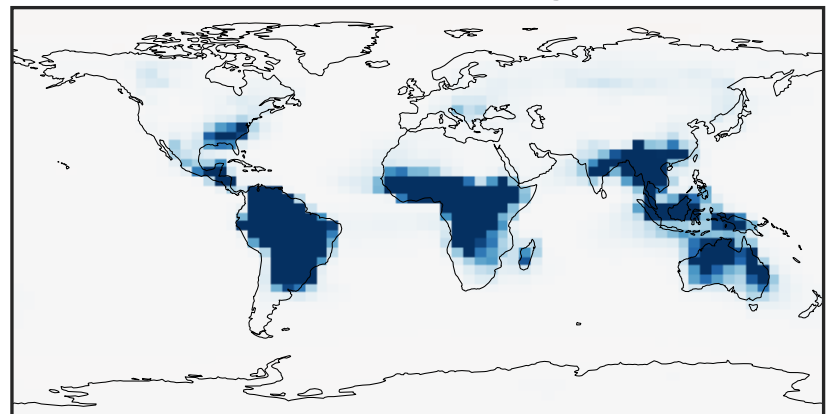
0.000 0.265 0.530 0.796 1.061
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



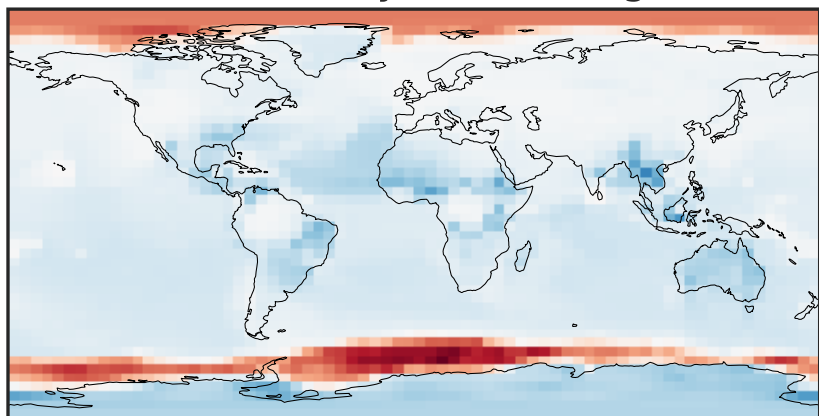
-0.1147 -0.0574 0.0000 0.0574 0.1147
 $\mu\text{g}/\text{m}^3$

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



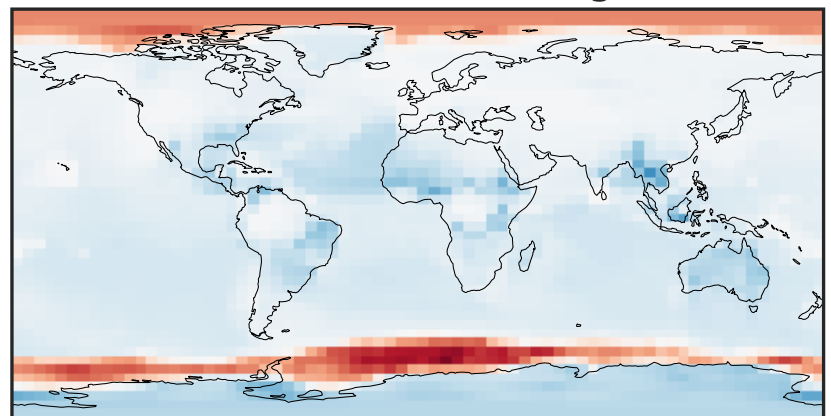
-0.0025 0.0000 0.0025
 $\mu\text{g}/\text{m}^3$

Ratio
Dev/Ref, Dynamic Range



0.524 0.762 1.000 1.454 1.907
unitless

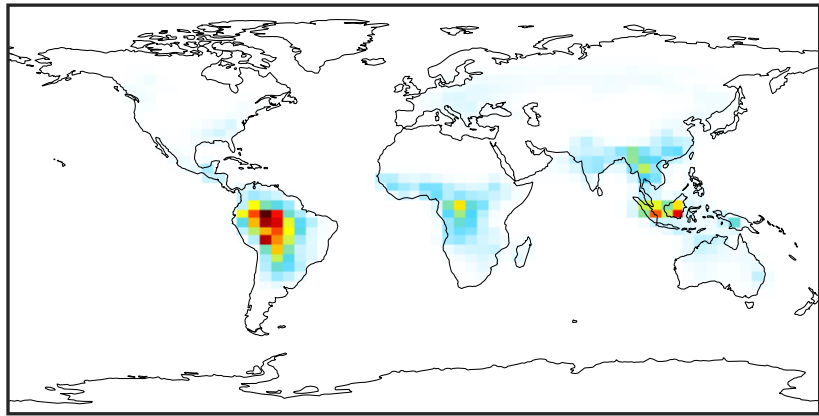
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

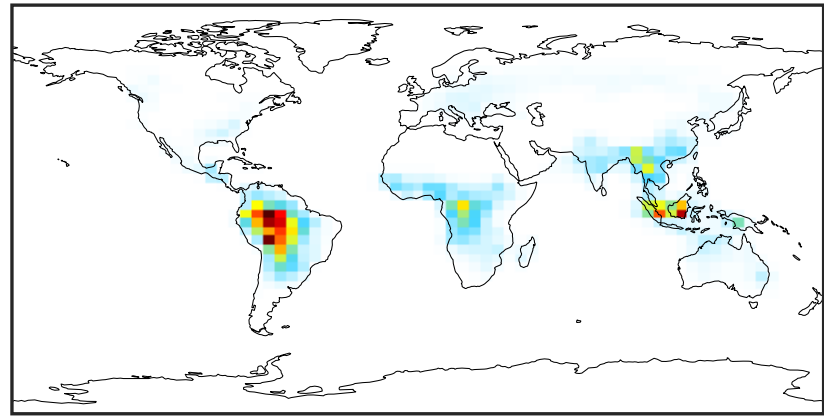
SpeciesConcVV_TSOA2 (Oct2019)

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



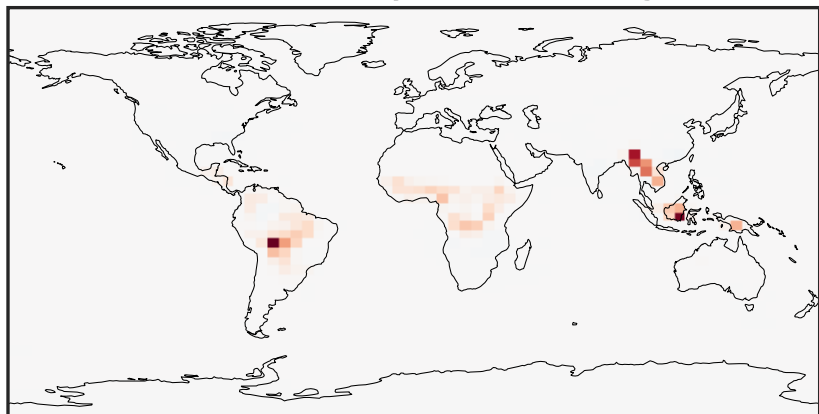
0.000 0.755 1.509 2.264 3.018
 $\mu\text{g}/\text{m}^3$

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



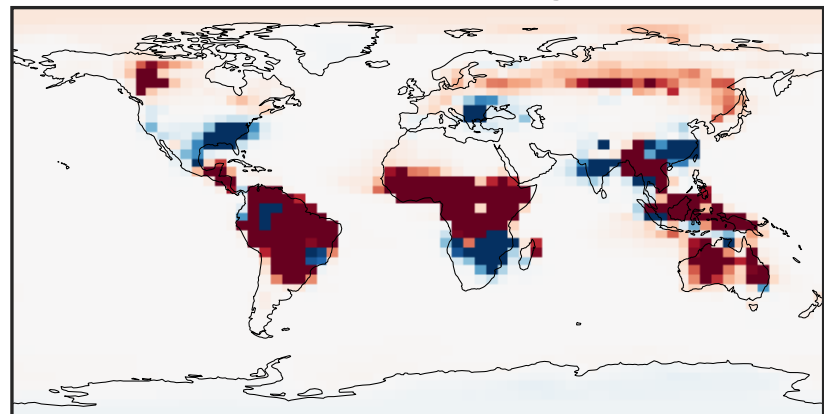
0.000 0.755 1.509 2.264 3.018
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



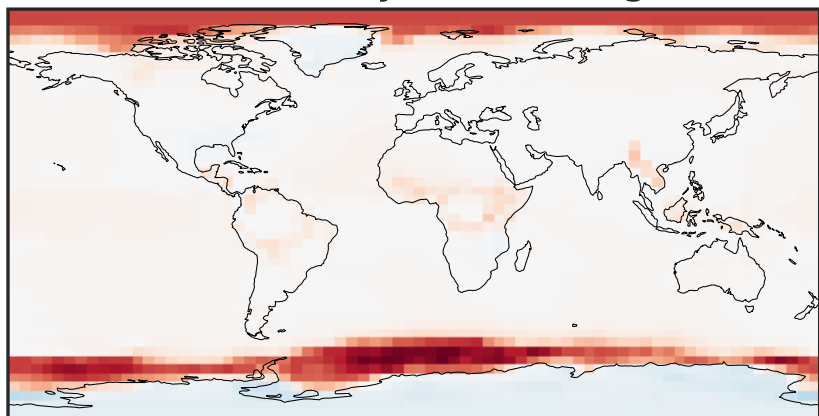
-0.2873 -0.1436 0.0000 0.1436 0.2873
 $\mu\text{g}/\text{m}^3$

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



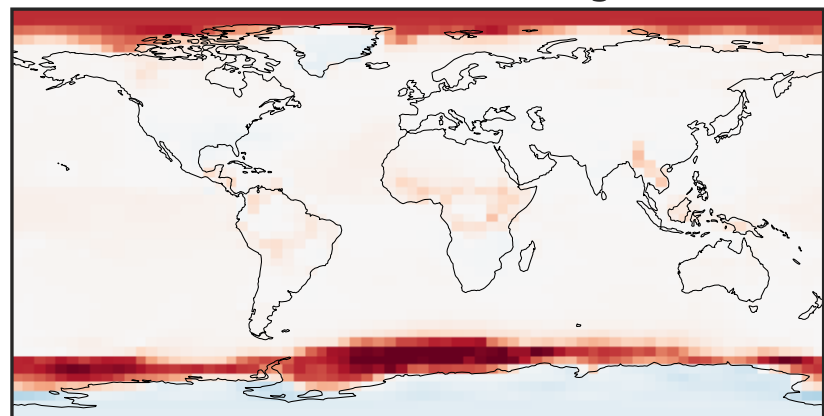
-0.0005 0.0000 0.0005
 $\mu\text{g}/\text{m}^3$

Ratio
Dev/Ref, Dynamic Range



0.465 0.732 1.000 1.575 2.151
unitless

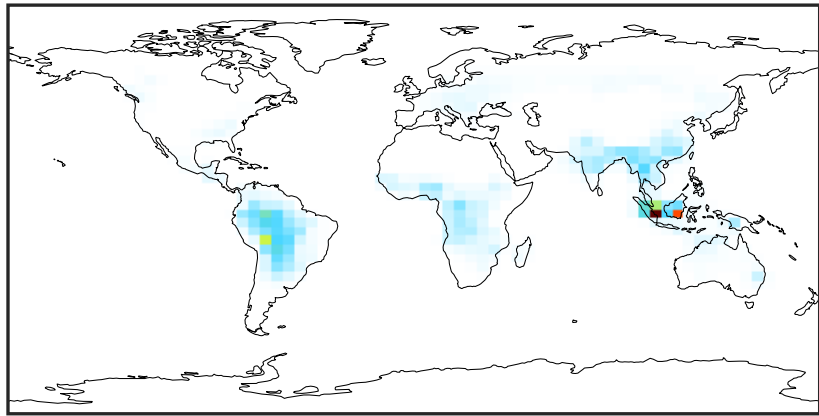
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

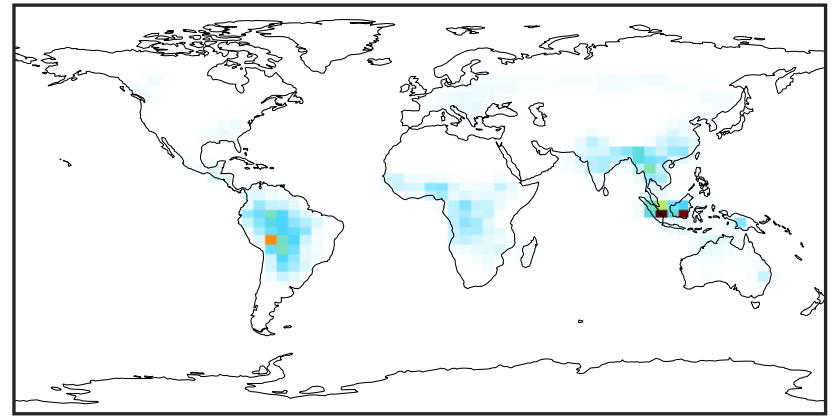
SpeciesConcVV_TSOA3 (Oct2019)

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



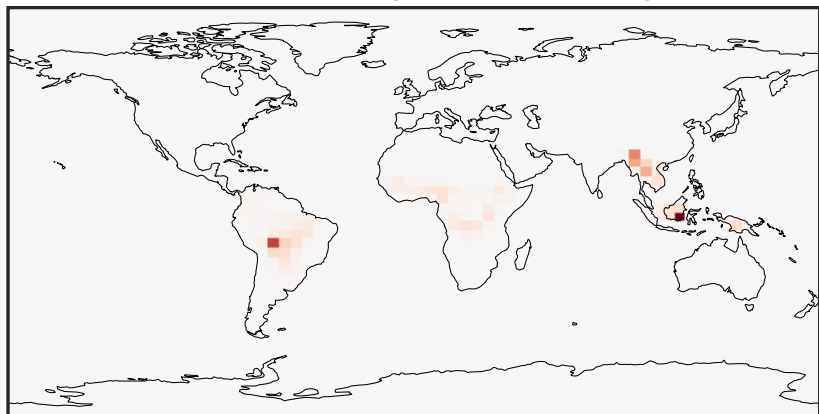
0.000 0.437 0.874 1.311 1.748
 $\mu\text{g}/\text{m}^3$

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



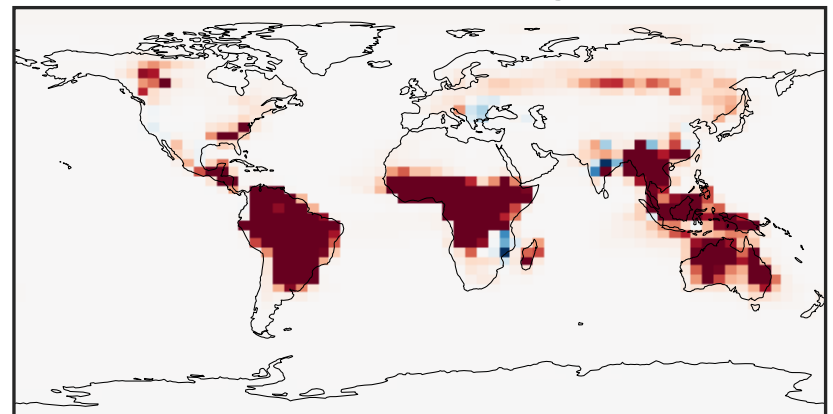
0.000 0.437 0.874 1.311 1.748
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



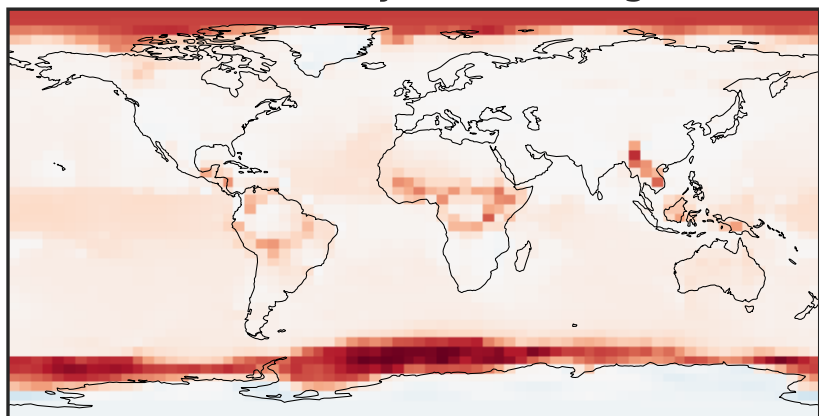
-0.4592 -0.2296 0.0000 0.2296 0.4592
 $\mu\text{g}/\text{m}^3$

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



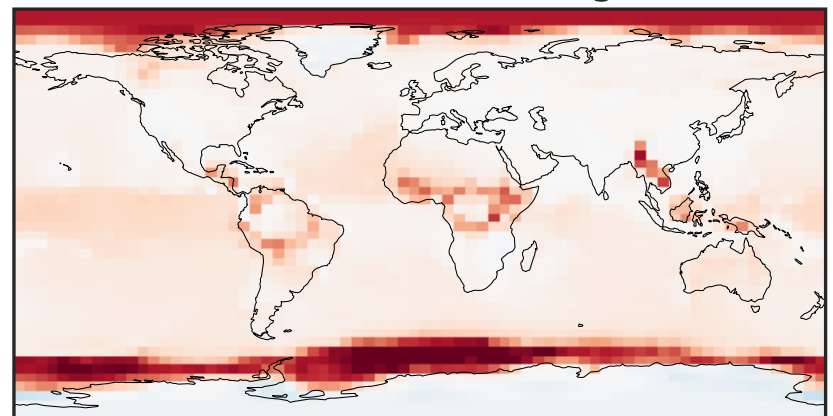
-0.0008 0.0000 0.0008
 $\mu\text{g}/\text{m}^3$

Ratio
Dev/Ref, Dynamic Range



0.446 0.723 1.000 1.620 2.241
unitless

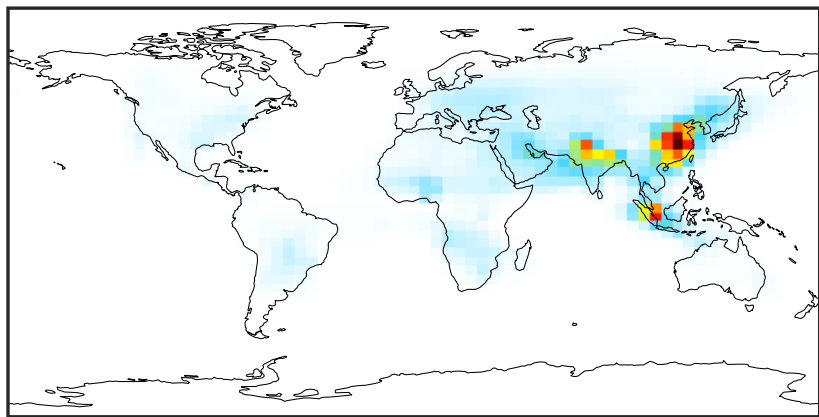
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

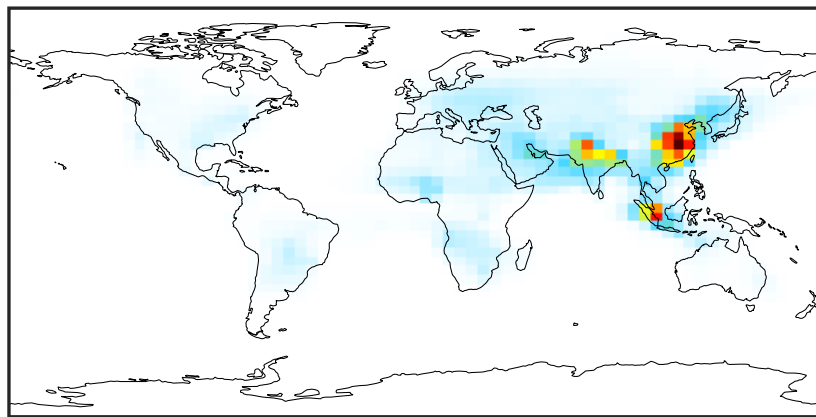
SpeciesConcVV_ASOA1 (Oct2019)

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



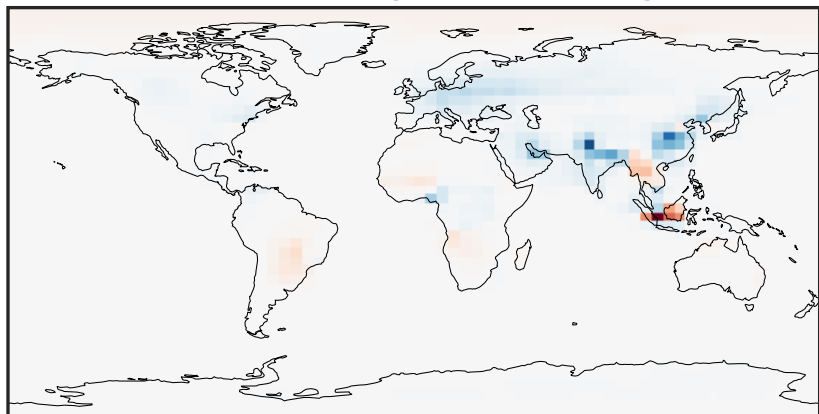
0.0000 0.0370 0.0741 0.1111 0.1481
 $\mu\text{g}/\text{m}^3$

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



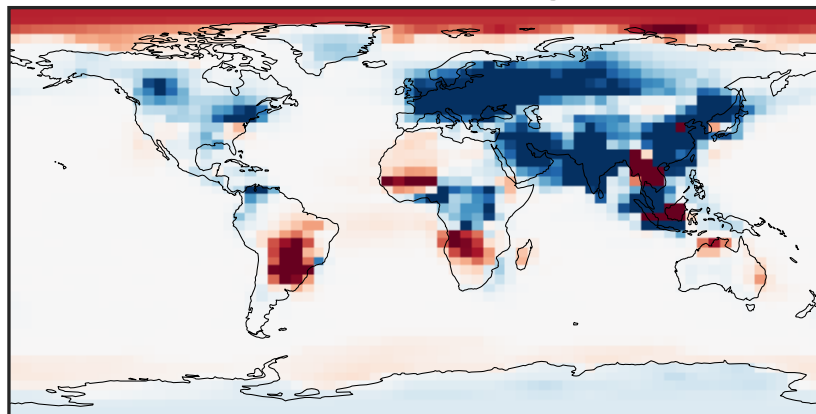
0.0000 0.0370 0.0741 0.1111 0.1481
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



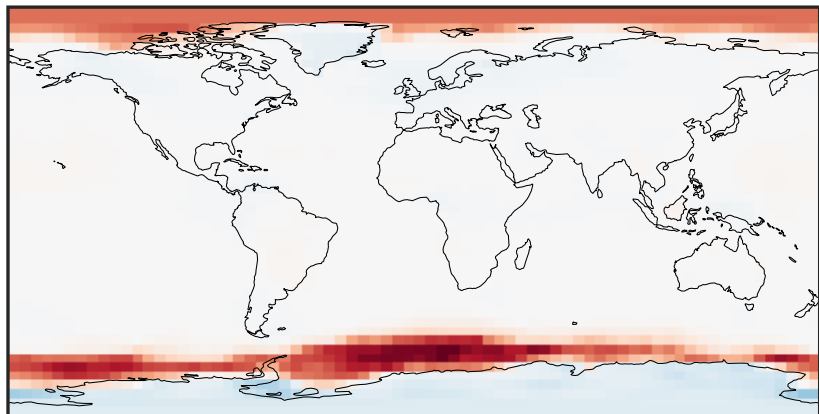
-0.0006 0.0000 0.0006
 $\mu\text{g}/\text{m}^3$

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



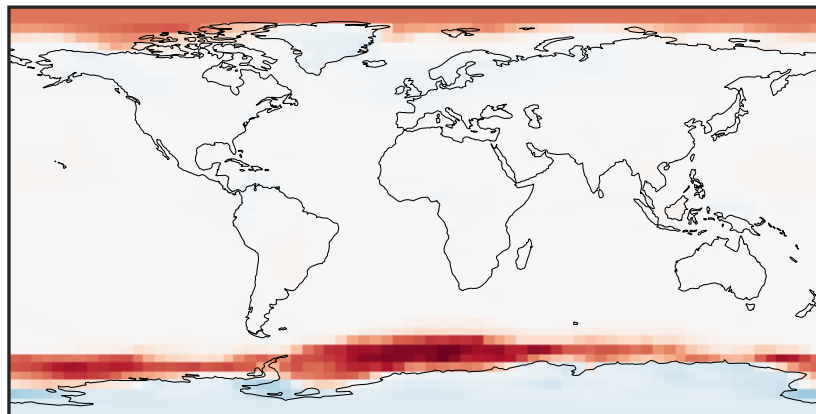
-3 0 3
 $\mu\text{g}/\text{m}^3$ $1\text{e}-5$

Ratio
Dev/Ref, Dynamic Range



0.511 0.755 1.000 1.479 1.958
unitless

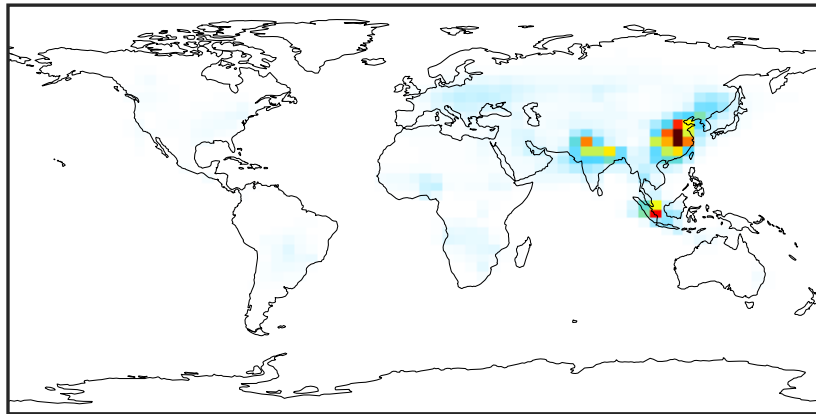
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

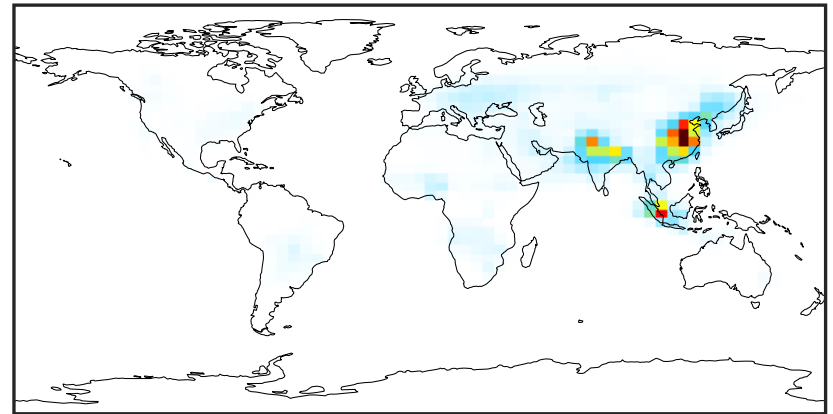
SpeciesConcVV_ASOA2 (Oct2019)

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



0.0000 0.0309 0.0618 0.0928 0.1237
 $\mu\text{g}/\text{m}^3$

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



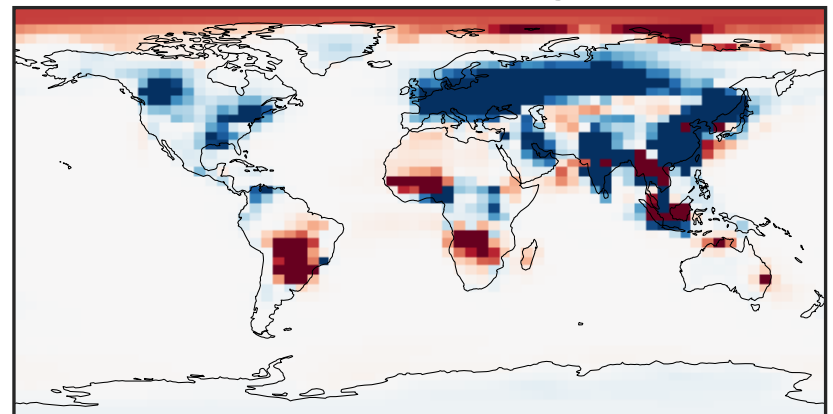
0.0000 0.0309 0.0618 0.0928 0.1237
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



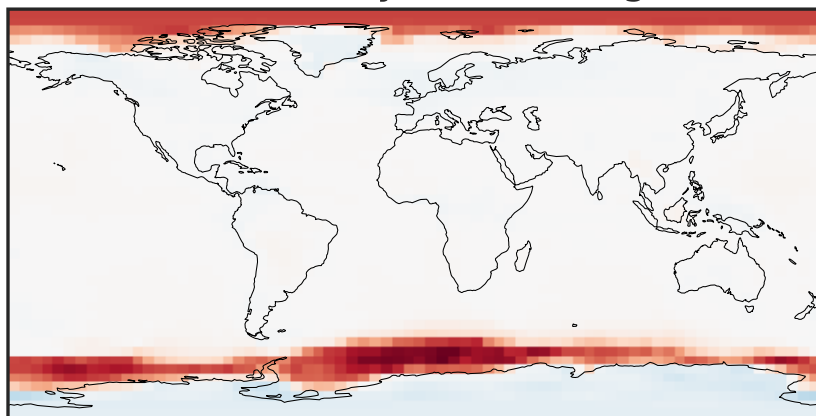
-0.0005 0.0000 0.0005
 $\mu\text{g}/\text{m}^3$

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



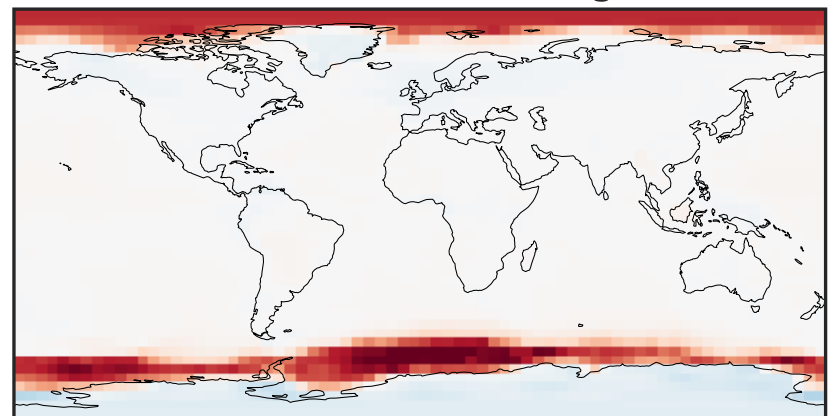
-1 0 1
 $\mu\text{g}/\text{m}^3$ $1\text{e}-5$

Ratio
Dev/Ref, Dynamic Range



0.465 0.733 1.000 1.574 2.149
unitless

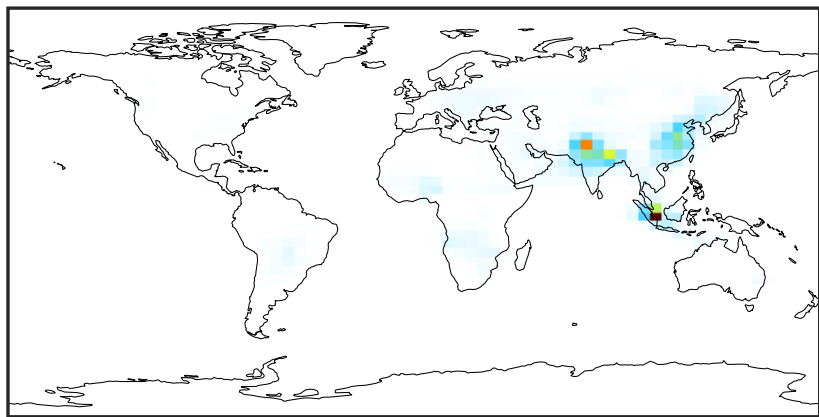
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

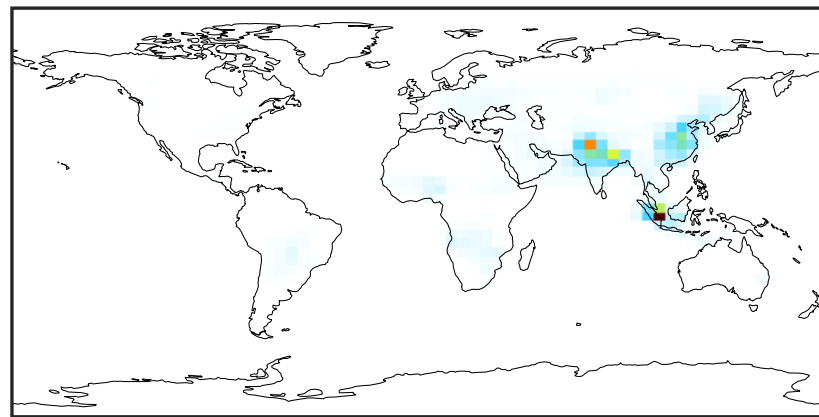
SpeciesConcVV_ASOA3 (Oct2019)

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



0.0000 0.0430 0.0861 0.1291 0.1722
µg/m³

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



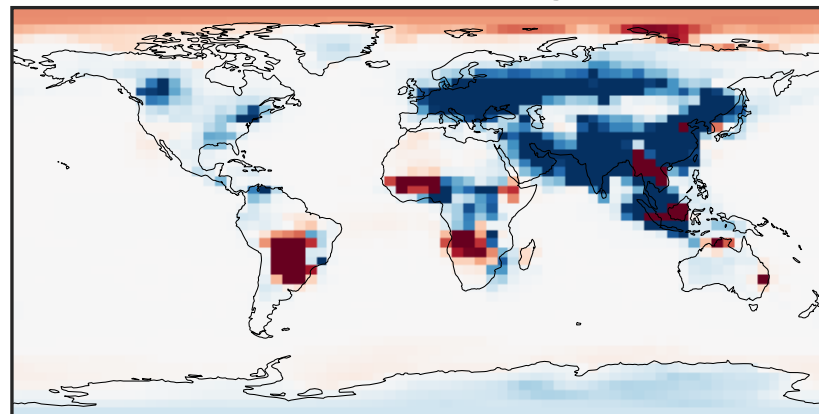
0.0000 0.0430 0.0861 0.1291 0.1722
µg/m³

Difference
Dev - Ref, Dynamic Range



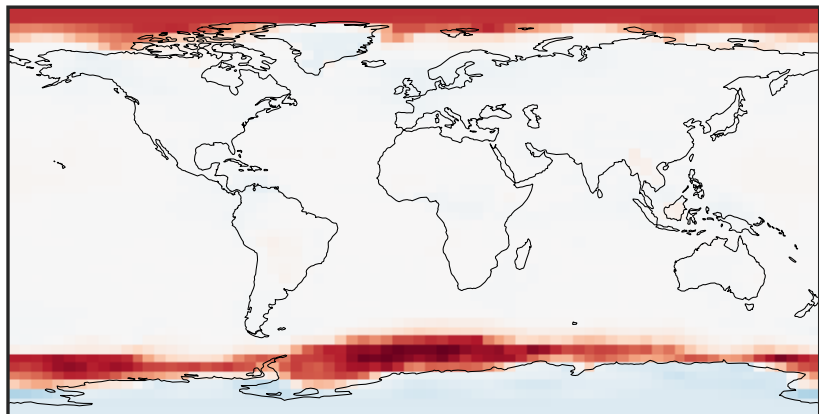
-0.0015 0.0000 0.0015
µg/m³

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



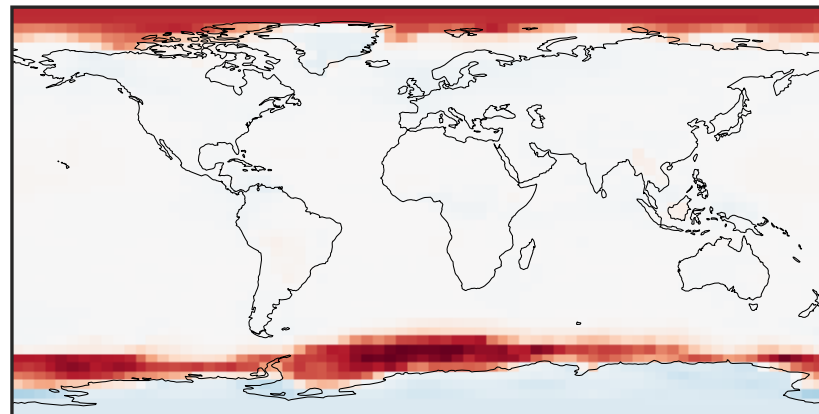
-8 0 8
µg/m³ 1e-6

Ratio
Dev/Ref, Dynamic Range



0.494 0.747 1.000 1.513 2.026
unitless

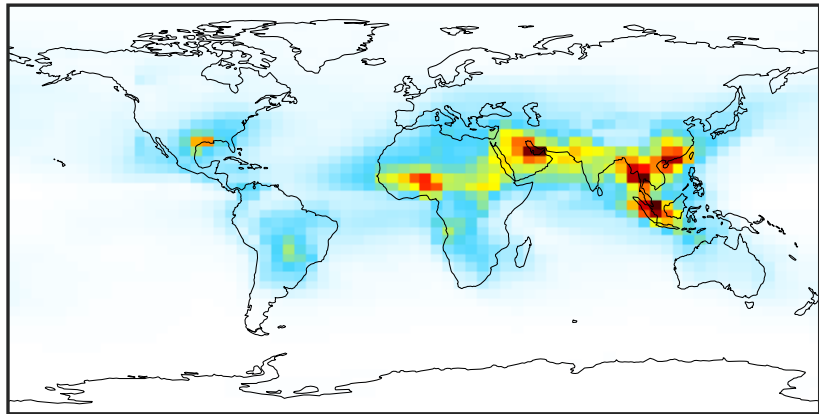
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

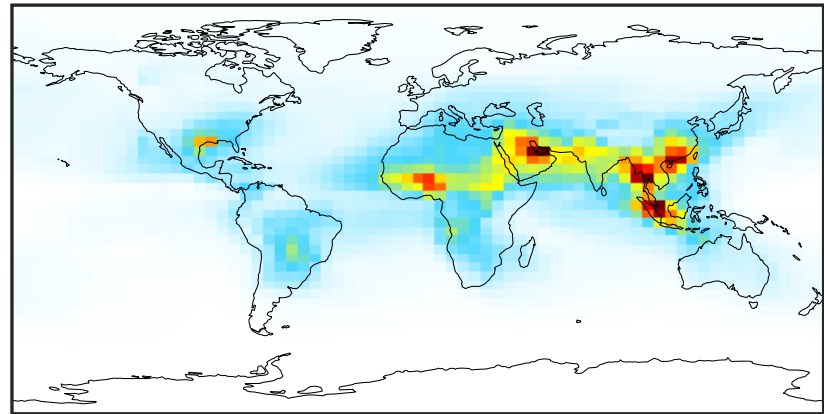
SpeciesConcVV_ASOAN (Oct2019)

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



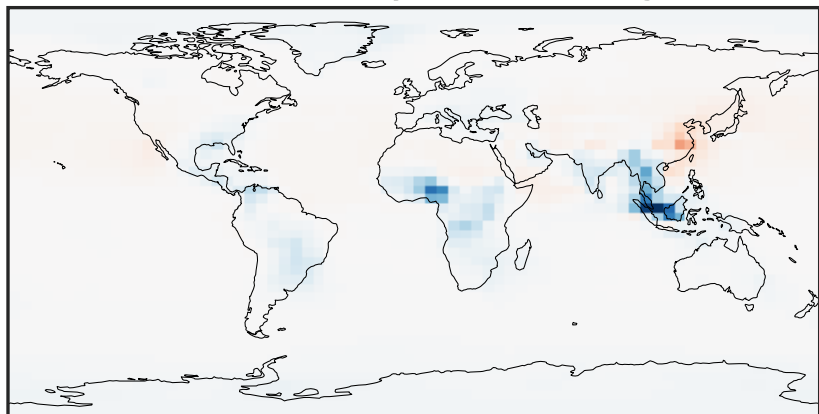
0.0009 0.0604 0.1199 0.1794 0.2389
 $\mu\text{g}/\text{m}^3$

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



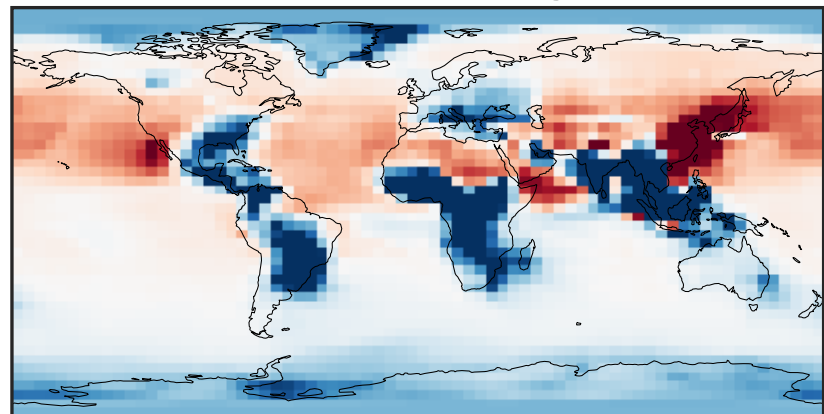
0.0009 0.0604 0.1199 0.1794 0.2389
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



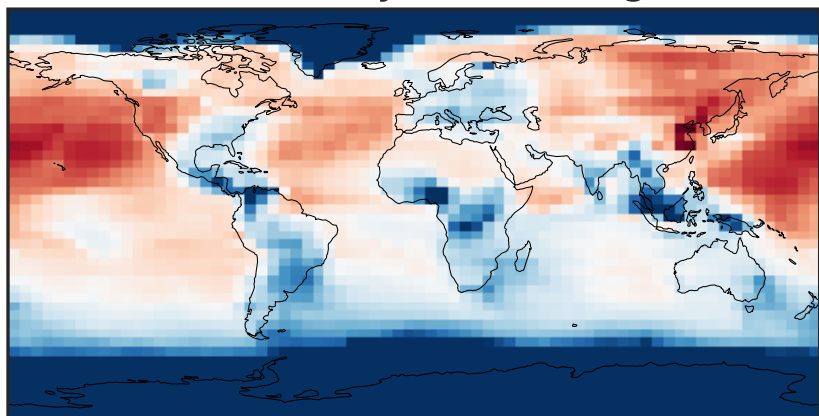
-0.004 0.000 0.004
 $\mu\text{g}/\text{m}^3$

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



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

Ratio
Dev/Ref, Dynamic Range



0.96995 0.98497 1.00000 1.01549 1.03099
unitless

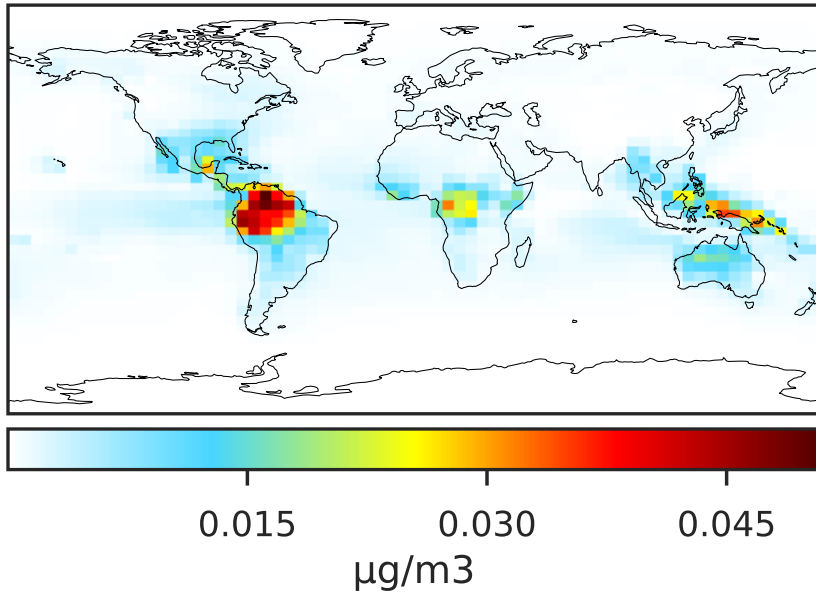
Ratio
Dev/Ref, Fixed Range



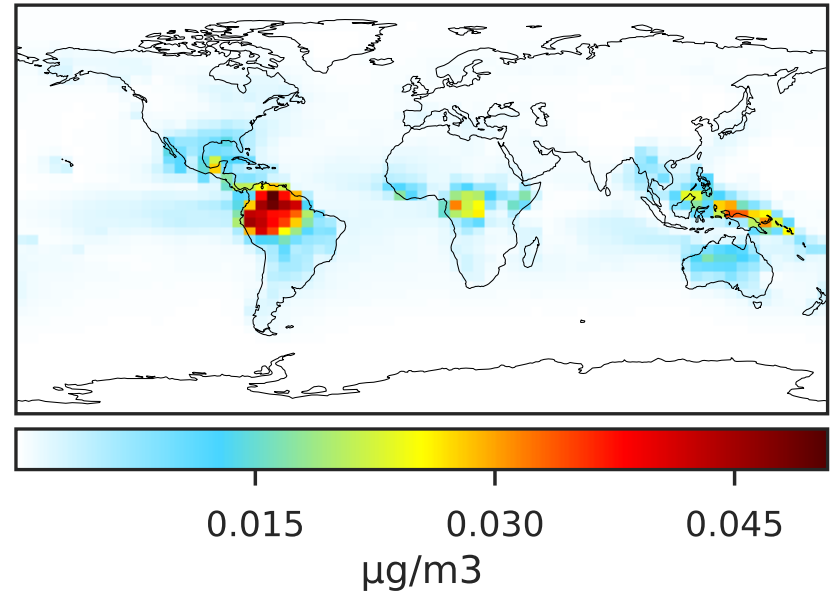
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_TSOG0 (Oct2019)

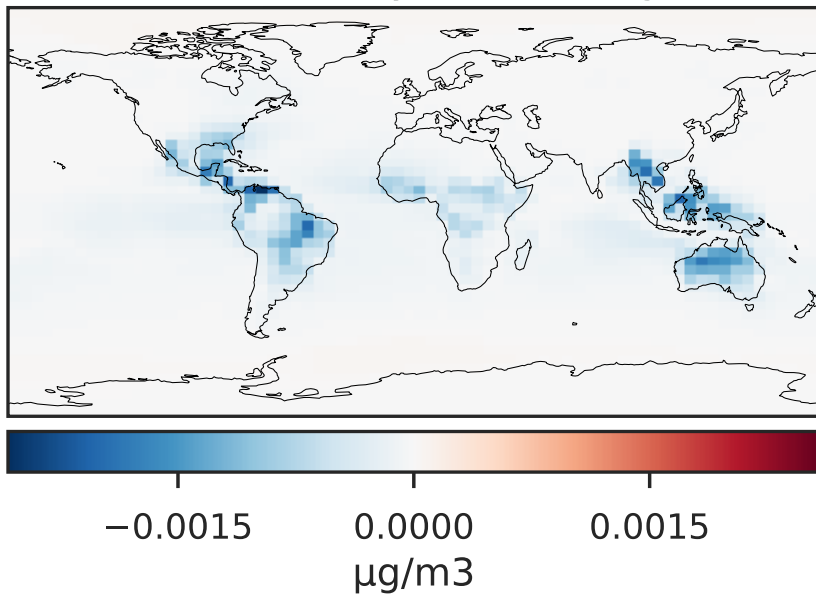
14.2.0-rc.2 (Ref)
4.0x5.0



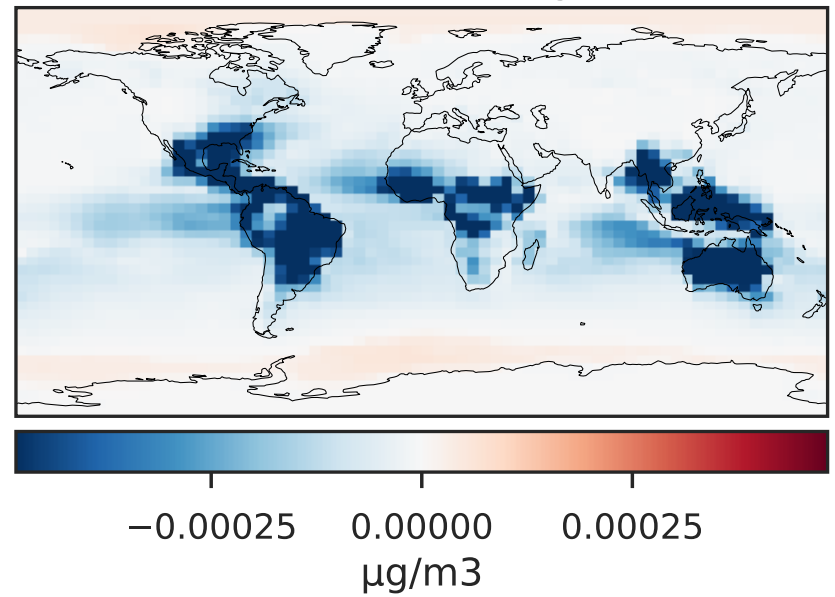
14.3.0-rc.0 (Dev)
4.0x5.0



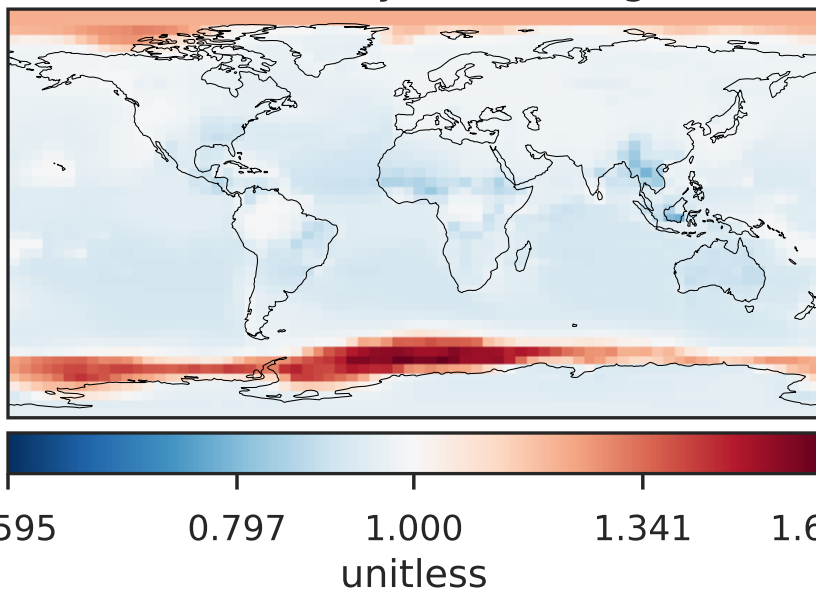
Difference
Dev - Ref, Dynamic Range



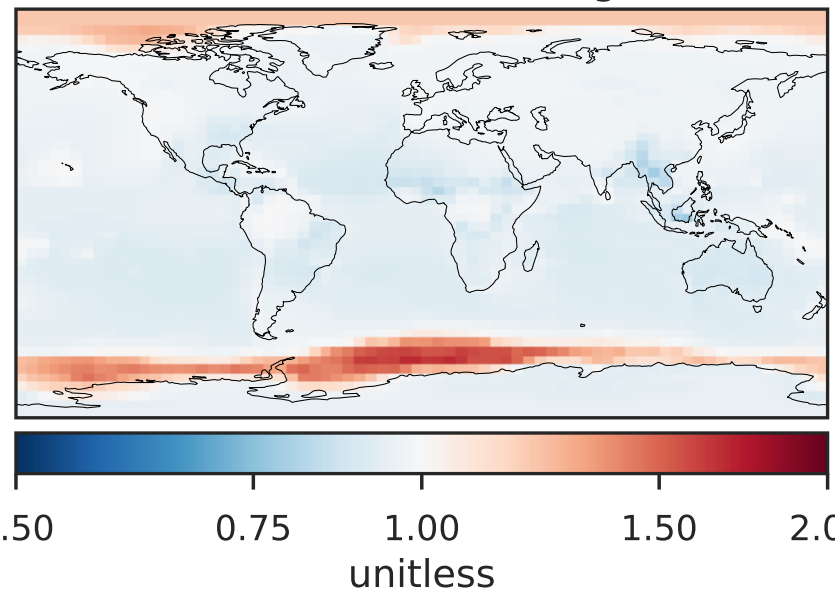
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

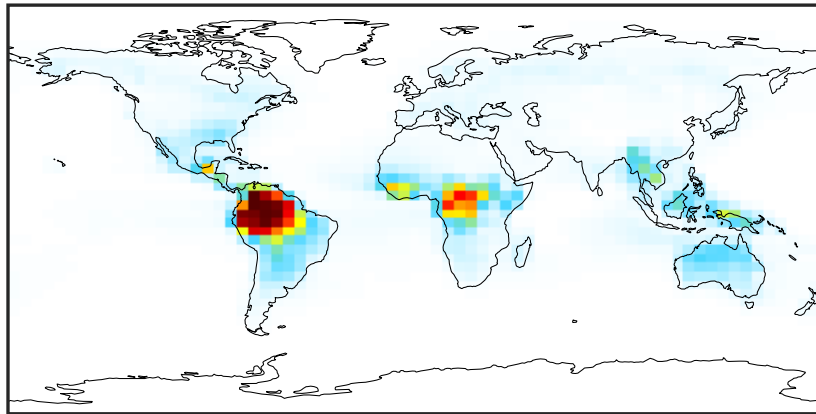


Ratio
Dev/Ref, Fixed Range



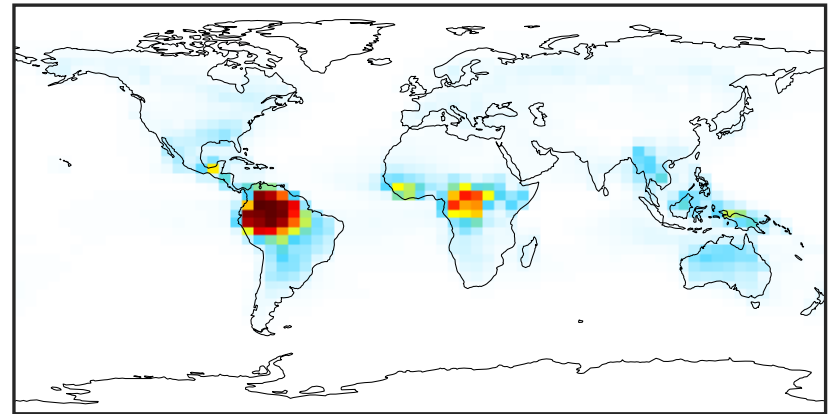
SpeciesConcVV_TSOG1 (Oct2019)

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



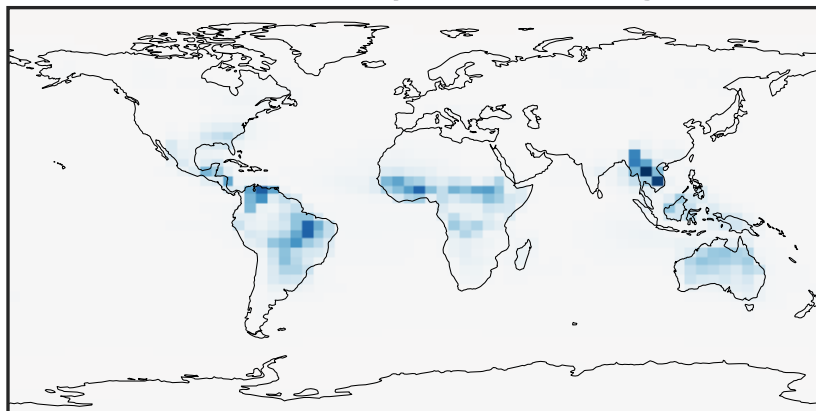
0.0000 0.0361 0.0722 0.1082 0.1443
 $\mu\text{g}/\text{m}^3$

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



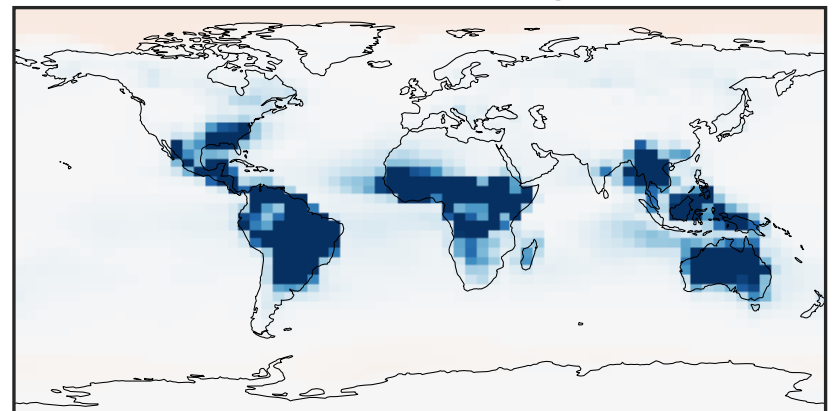
0.0000 0.0361 0.0722 0.1082 0.1443
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



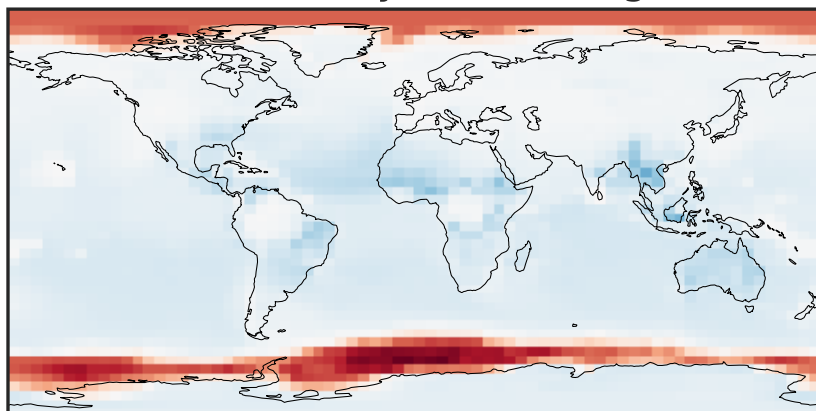
-0.008 0.000 0.008
 $\mu\text{g}/\text{m}^3$

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



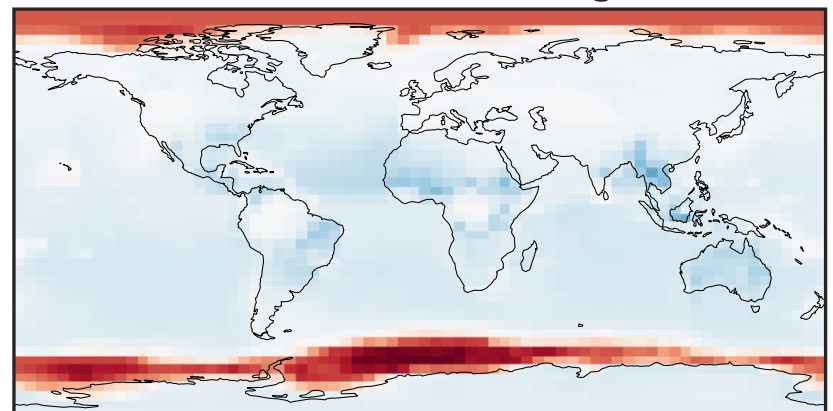
-0.001 0.000 0.001
 $\mu\text{g}/\text{m}^3$

Ratio
Dev/Ref, Dynamic Range



0.484 0.742 1.000 1.533 2.067
unitless

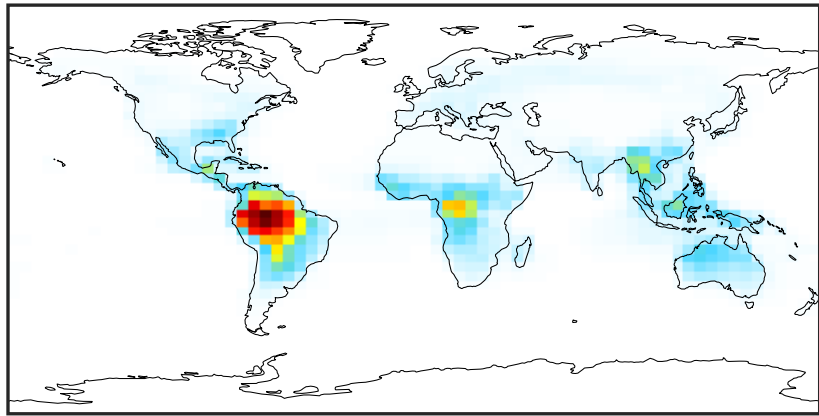
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

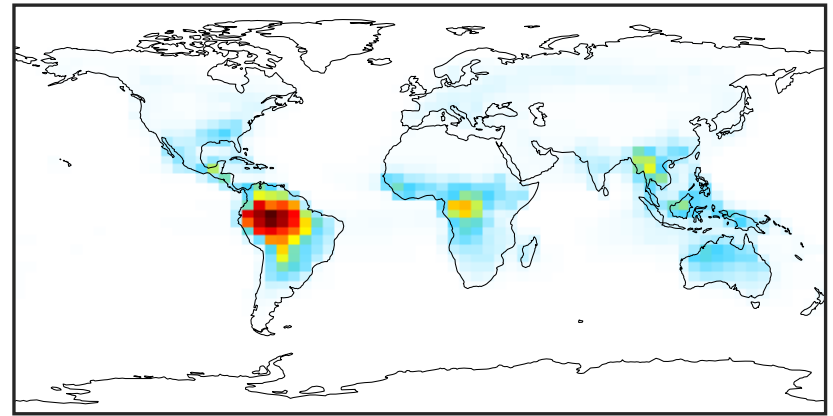
SpeciesConcVV_TSOG2 (Oct2019)

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



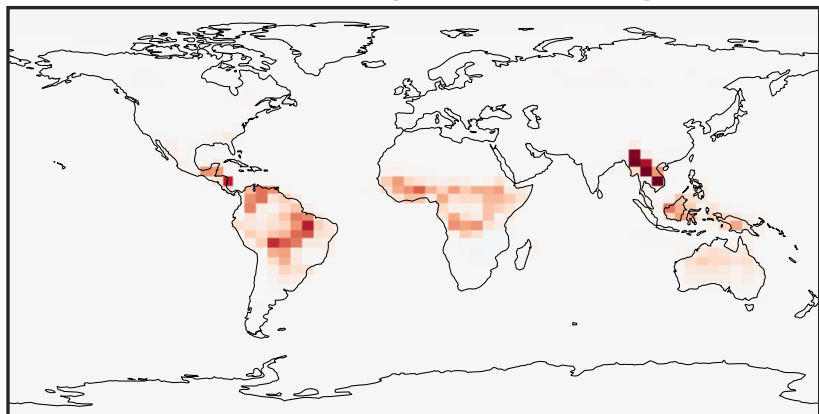
0.000 0.951 1.902 2.853 3.803
 $\mu\text{g}/\text{m}^3$

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



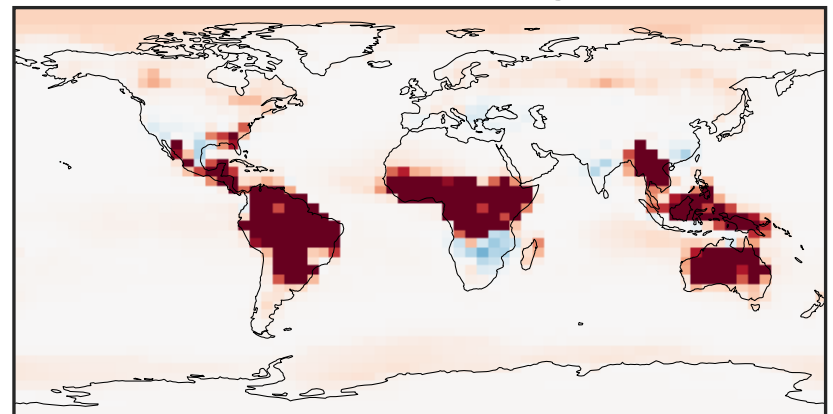
0.000 0.951 1.902 2.853 3.803
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



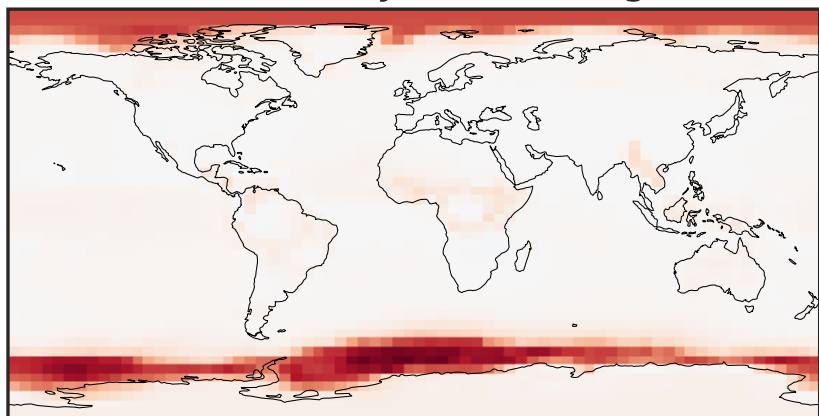
-0.1778 -0.0889 0.0000 0.0889 0.1778
 $\mu\text{g}/\text{m}^3$

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



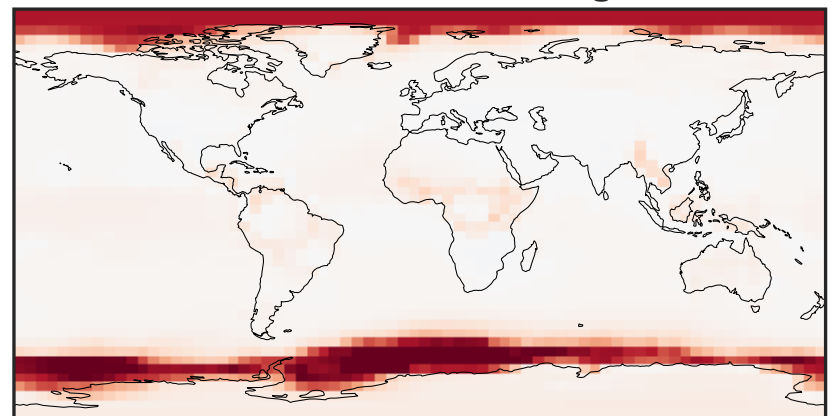
-0.005 0.000 0.005
 $\mu\text{g}/\text{m}^3$

Ratio
Dev/Ref, Dynamic Range



0.421 0.711 1.000 1.687 2.373
unitless

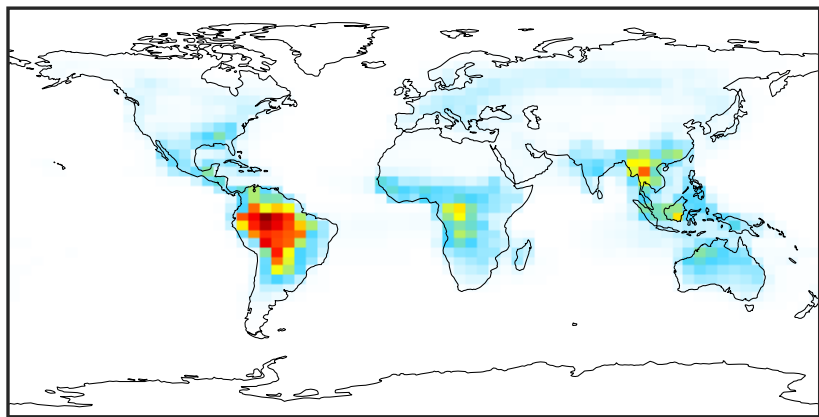
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

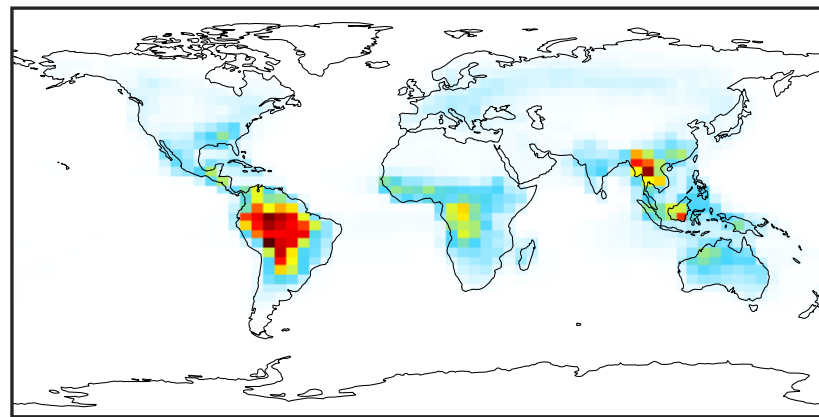
SpeciesConcVV_TSOG3 (Oct2019)

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



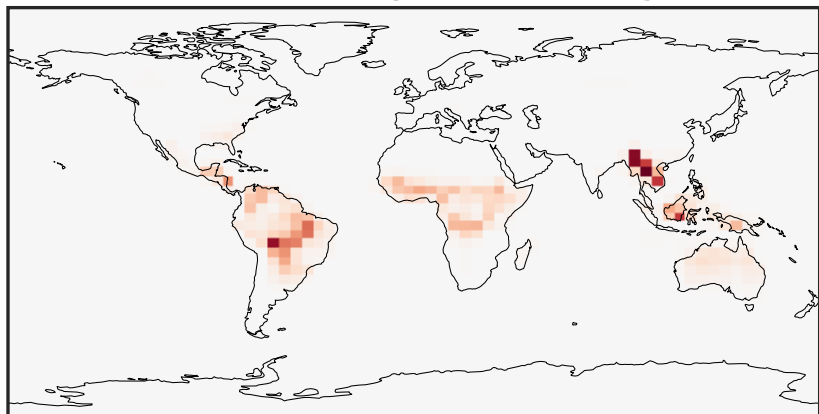
0.001 1.771 3.541 5.311 7.081
 $\mu\text{g}/\text{m}^3$

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



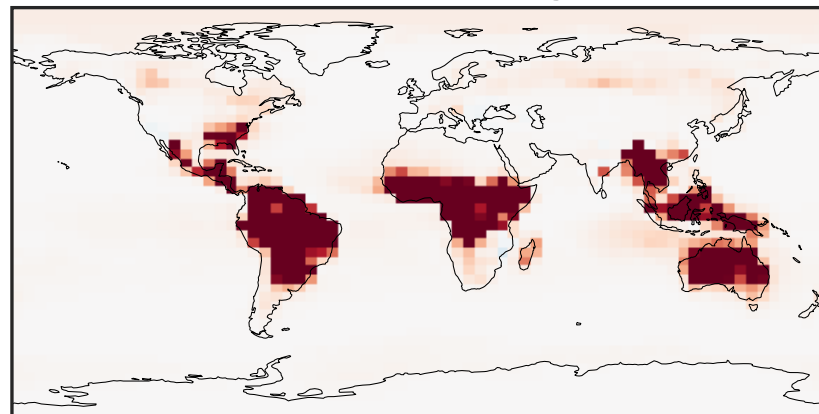
0.001 1.771 3.541 5.311 7.081
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



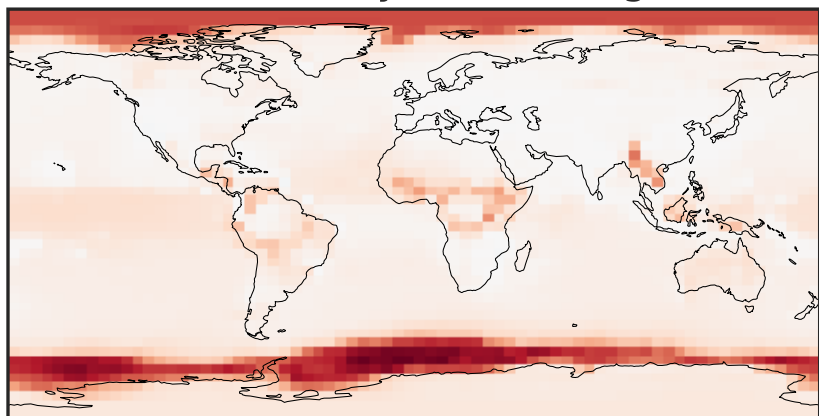
-1.758 -0.879 0.000 0.879 1.758
 $\mu\text{g}/\text{m}^3$

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



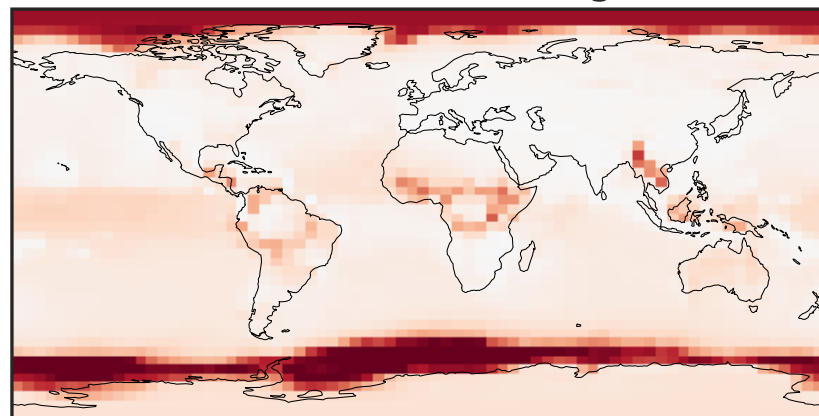
-0.0784 -0.0392 0.0000 0.0392 0.0784
 $\mu\text{g}/\text{m}^3$

Ratio
Dev/Ref, Dynamic Range



0.402 0.701 1.000 1.743 2.486
unitless

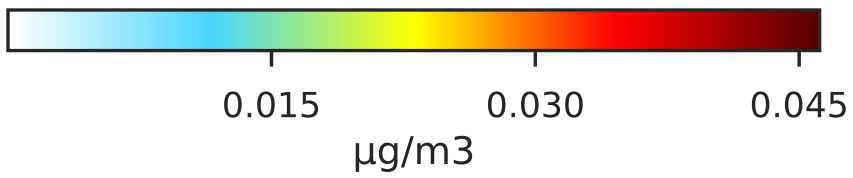
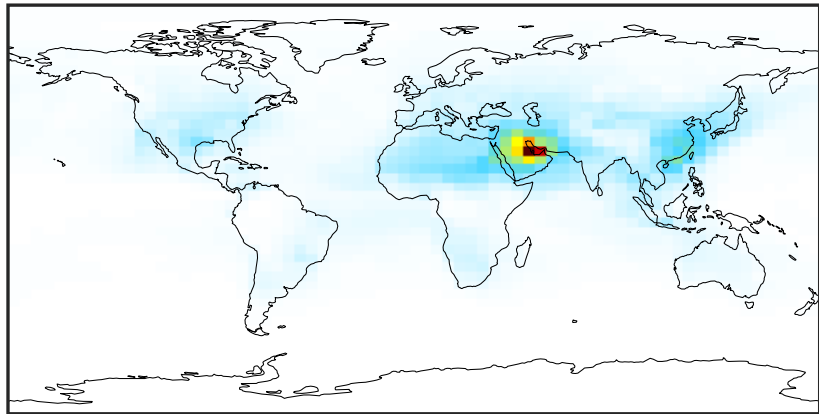
Ratio
Dev/Ref, Fixed Range



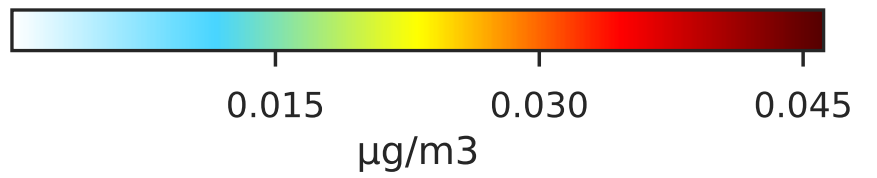
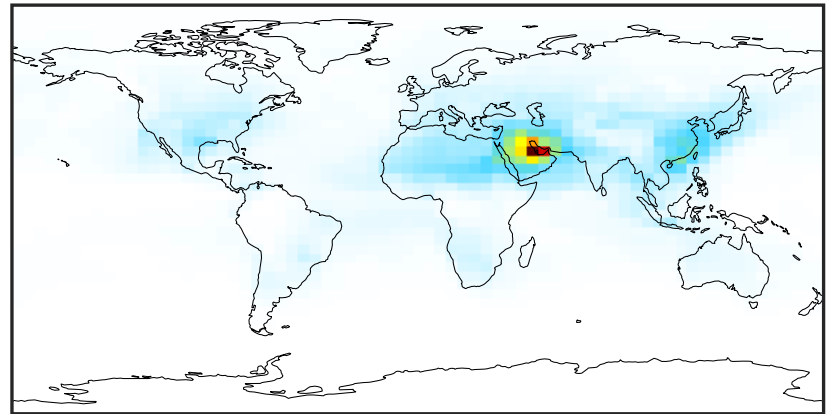
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_ASOG1 (Oct2019)

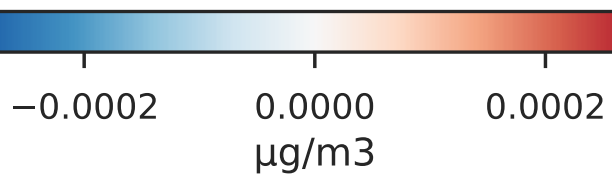
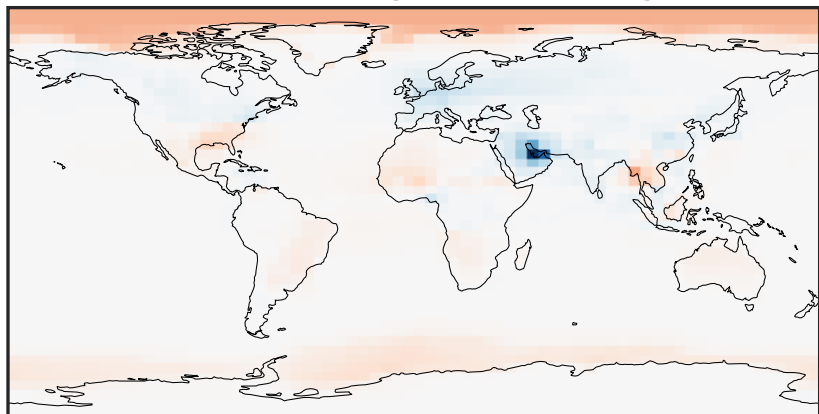
14.2.0-rc.2 (Ref)
4.0x5.0



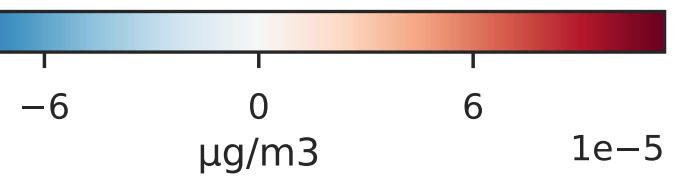
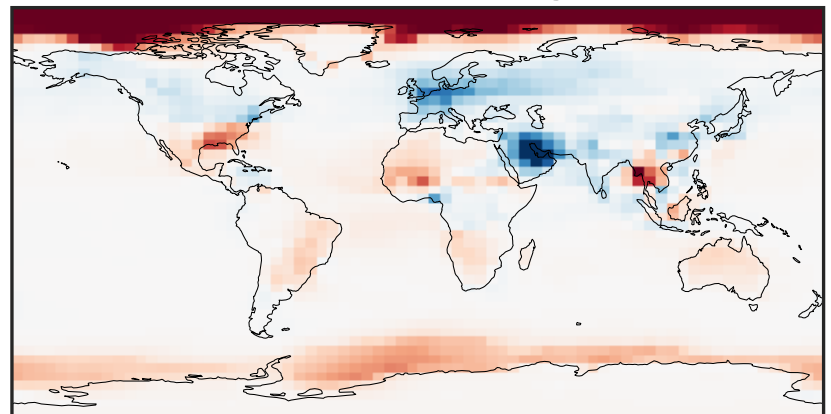
14.3.0-rc.0 (Dev)
4.0x5.0



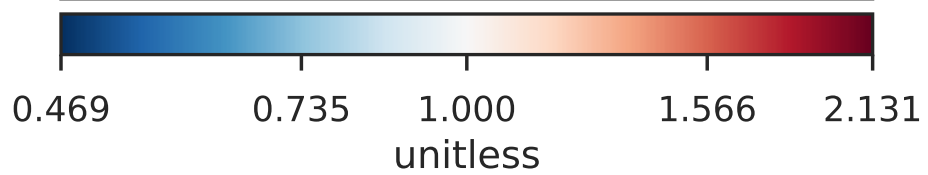
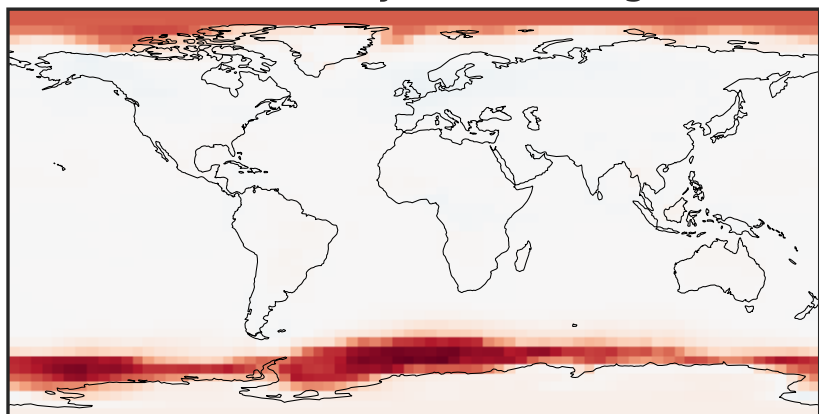
Difference
Dev - Ref, Dynamic Range



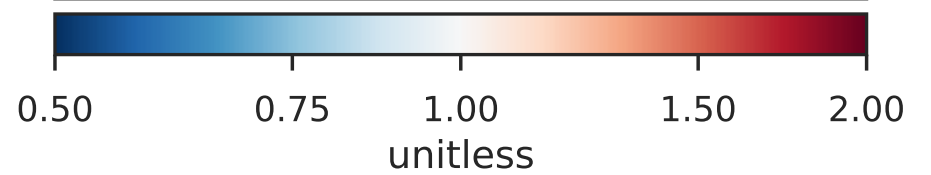
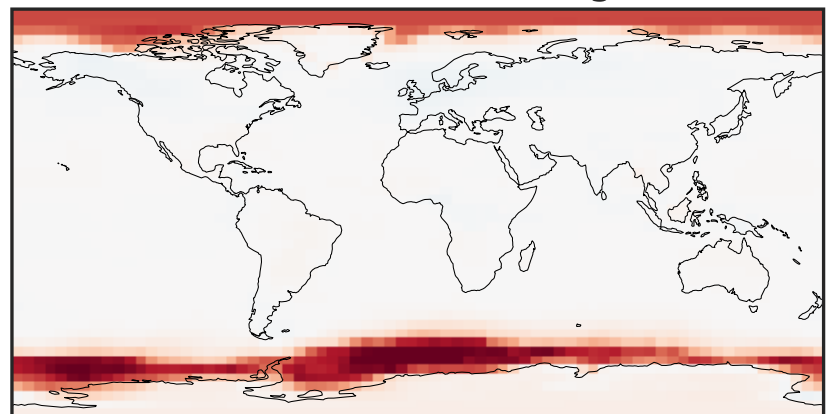
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

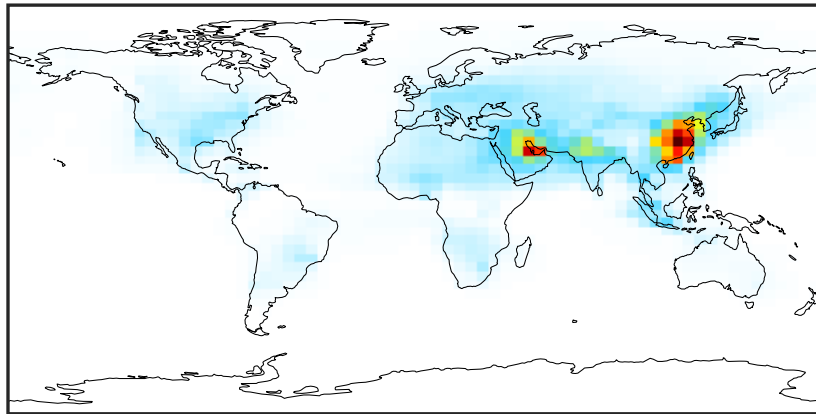


Ratio
Dev/Ref, Fixed Range



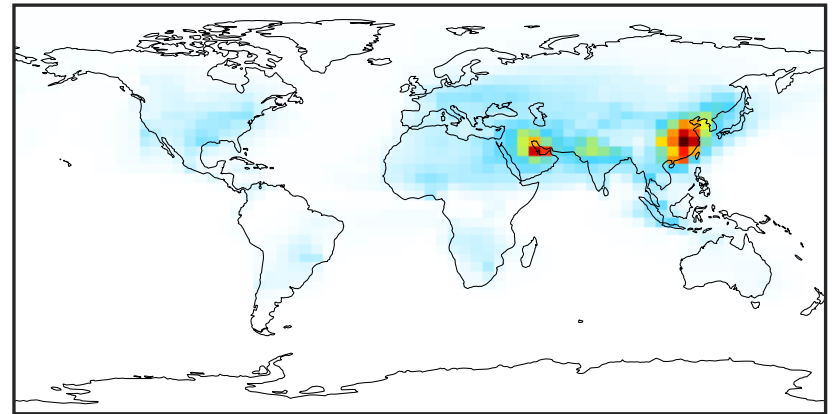
SpeciesConcVV_ASOG2 (Oct2019)

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



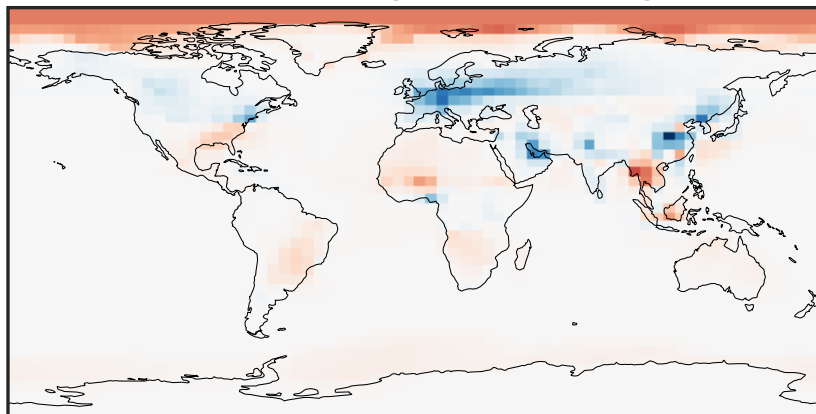
0.025 0.050 0.075
µg/m³

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



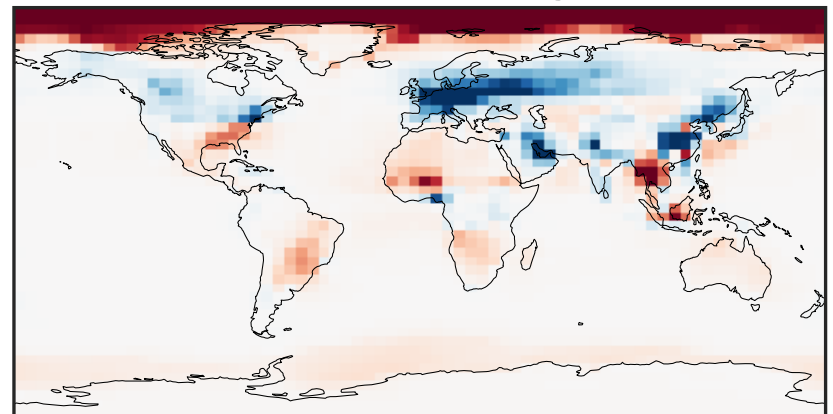
0.025 0.050 0.075
µg/m³

Difference
Dev - Ref, Dynamic Range



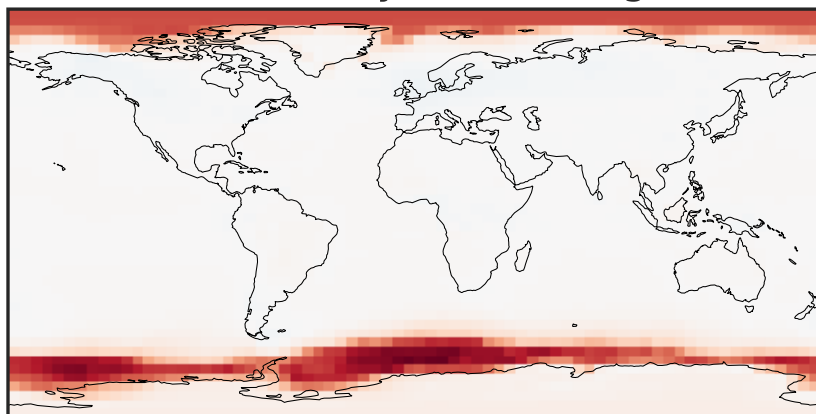
-0.00025 0.00000 0.00025
µg/m³

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



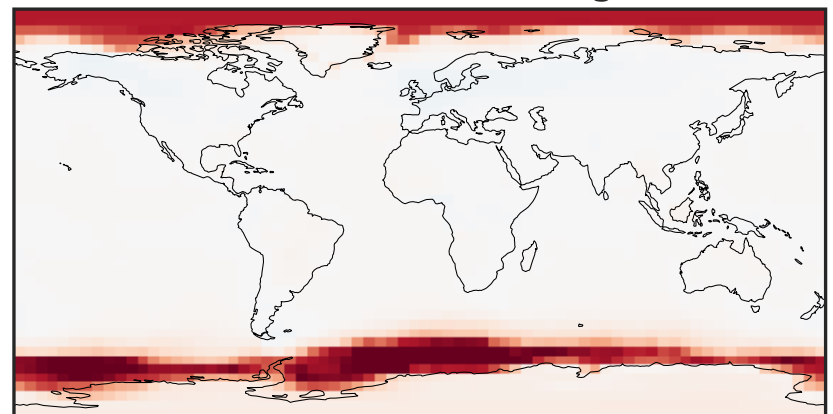
-0.00015 0.00000 0.00015
µg/m³

Ratio
Dev/Ref, Dynamic Range



0.428 0.714 1.000 1.668 2.335
unitless

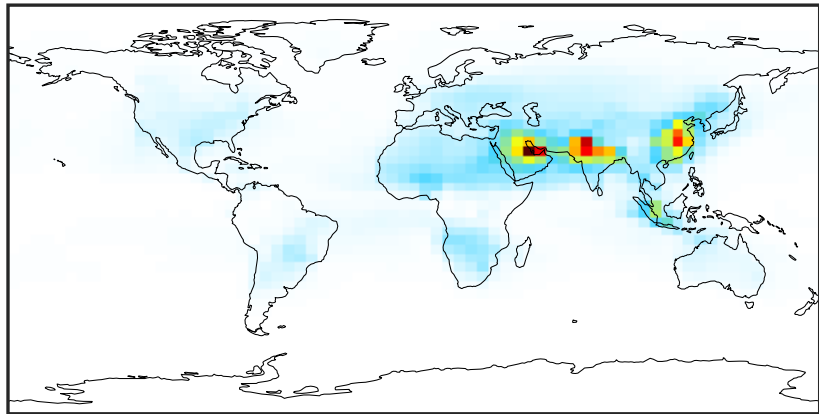
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

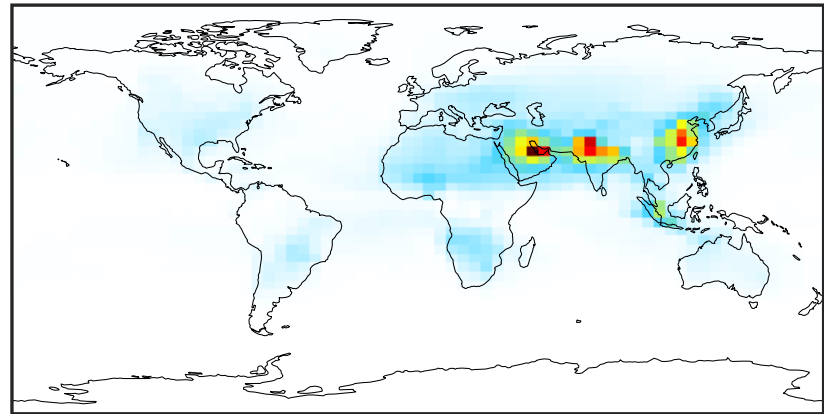
SpeciesConcVV_ASOG3 (Oct2019)

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



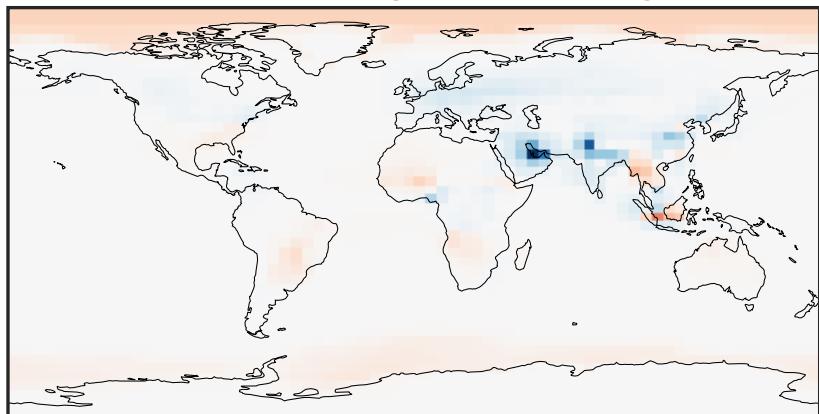
0.0002 0.1408 0.2814 0.4220 0.5626
 $\mu\text{g}/\text{m}^3$

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



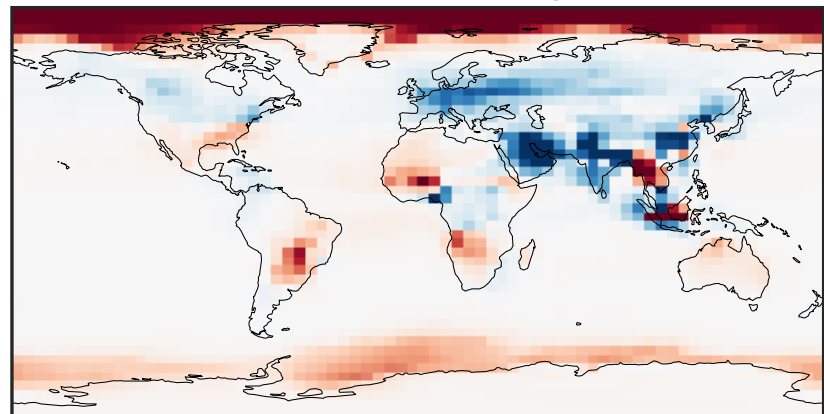
0.0002 0.1408 0.2814 0.4220 0.5626
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



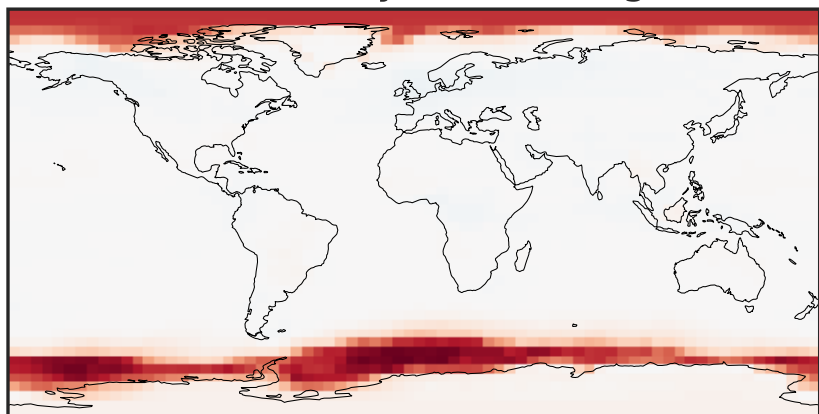
-0.004 0.000 0.004
 $\mu\text{g}/\text{m}^3$

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



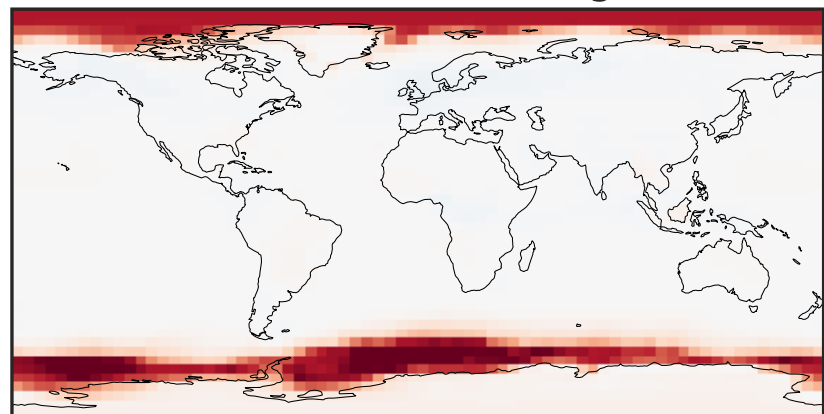
-0.0006 0.0000 0.0006
 $\mu\text{g}/\text{m}^3$

Ratio
Dev/Ref, Dynamic Range



0.463 0.731 1.000 1.581 2.161
unitless

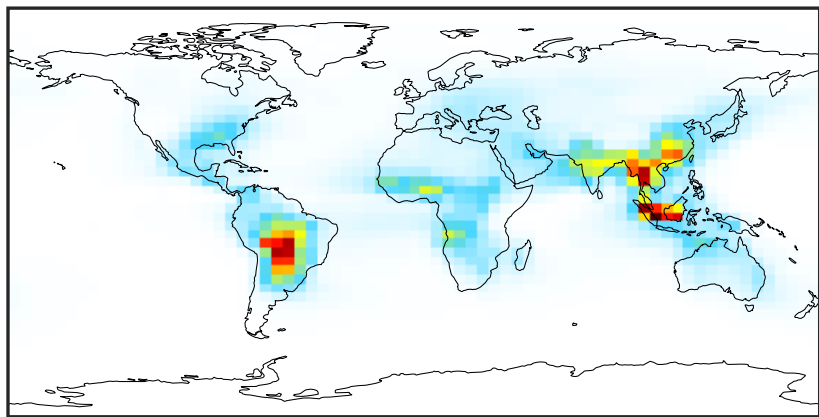
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

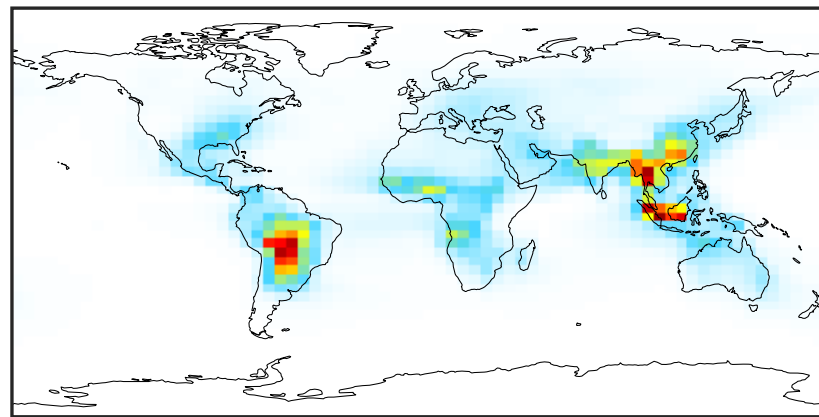
SpeciesConcVV_INDIOL (Oct2019)

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



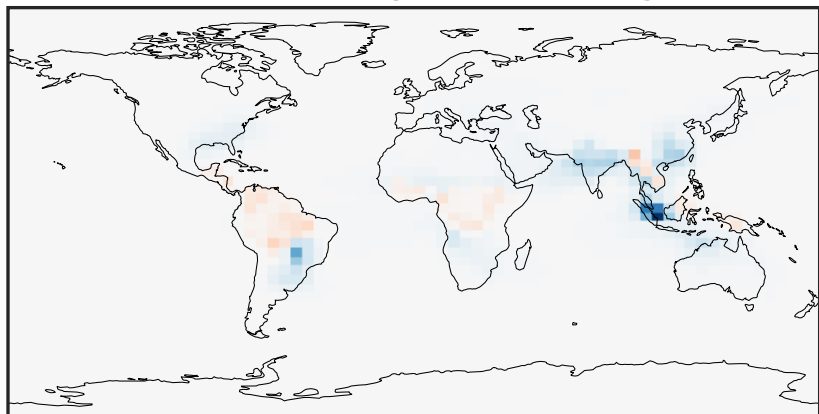
0.002 1.870 3.738 5.606 7.474
 $\mu\text{g}/\text{m}^3$

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



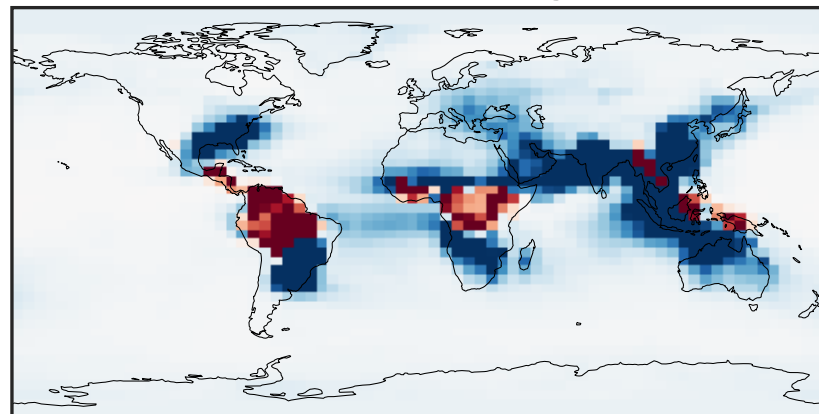
0.002 1.870 3.738 5.606 7.474
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



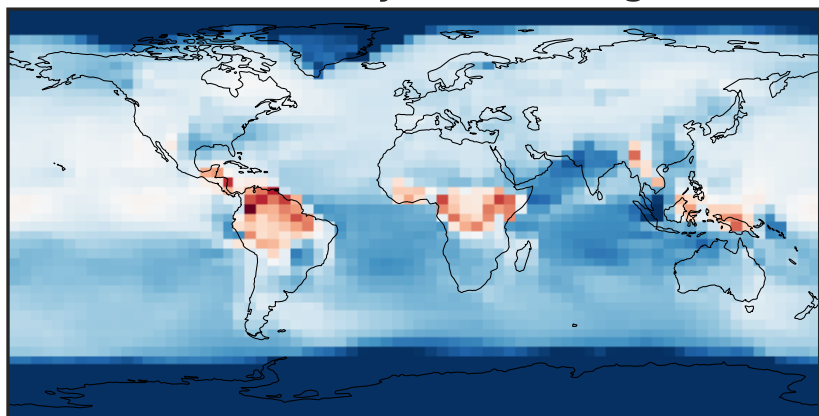
-0.68 -0.34 0.00 0.34 0.68
 $\mu\text{g}/\text{m}^3$

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



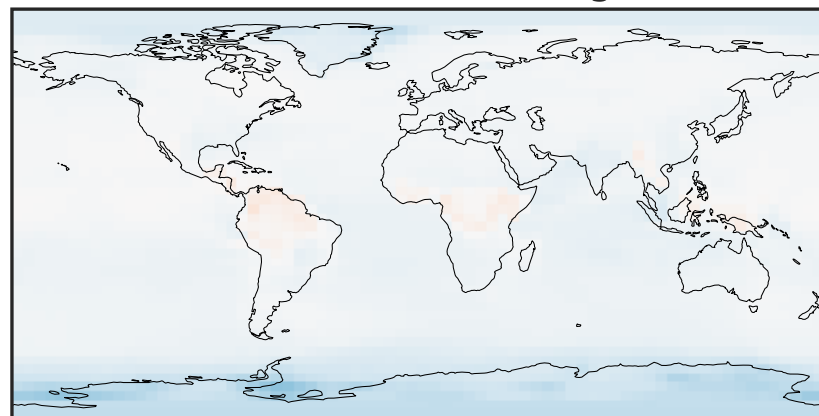
-0.015 0.000 0.015
 $\mu\text{g}/\text{m}^3$

Ratio
Dev/Ref, Dynamic Range



0.9186 0.9593 1.0000 1.0443 1.0886
unitless

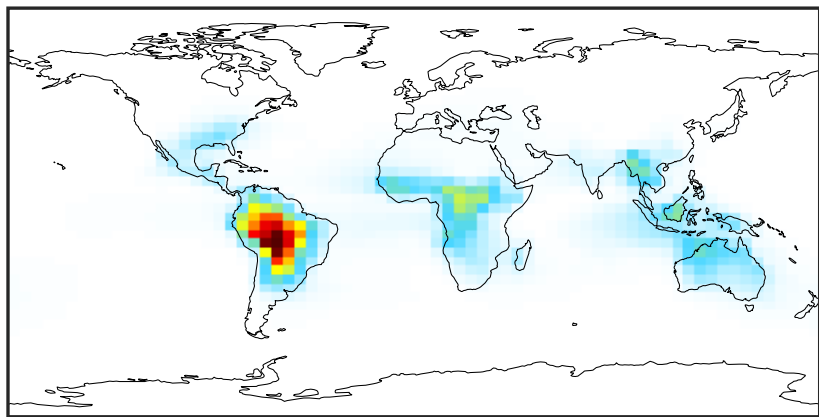
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

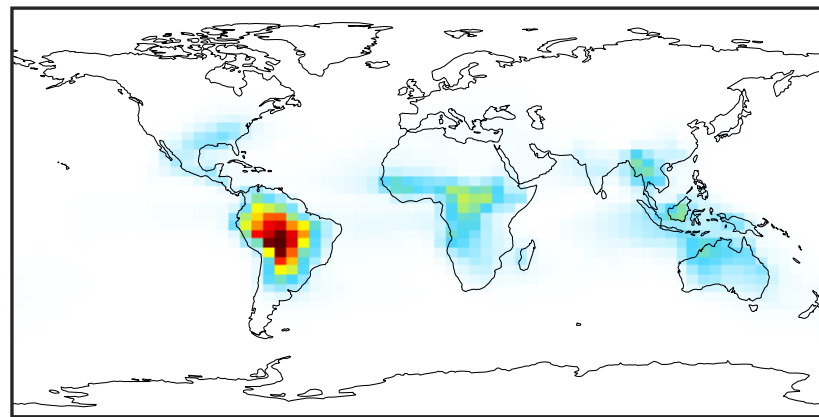
SpeciesConcVV_LVCOA (Oct2019)

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



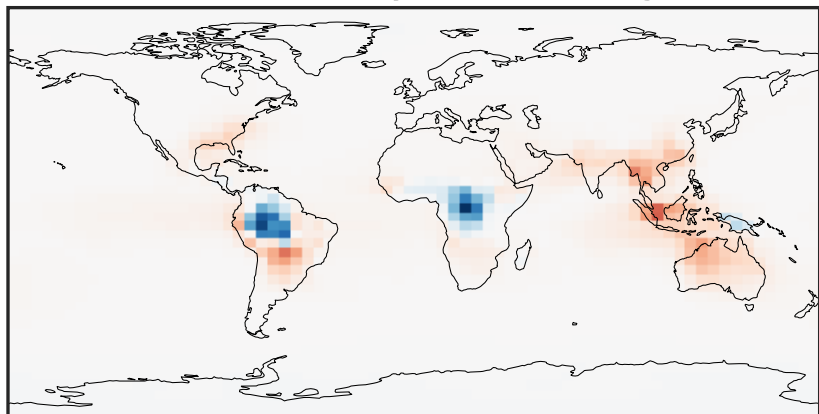
0.0001 0.0707 0.1414 0.2120 0.2827
 $\mu\text{g}/\text{m}^3$

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



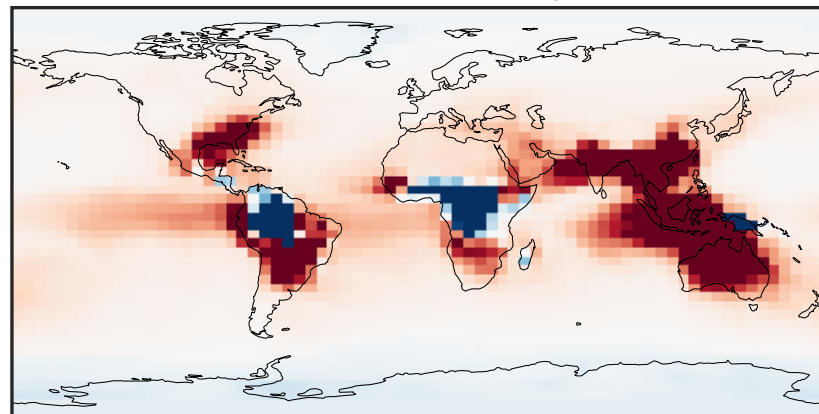
0.0001 0.0707 0.1414 0.2120 0.2827
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



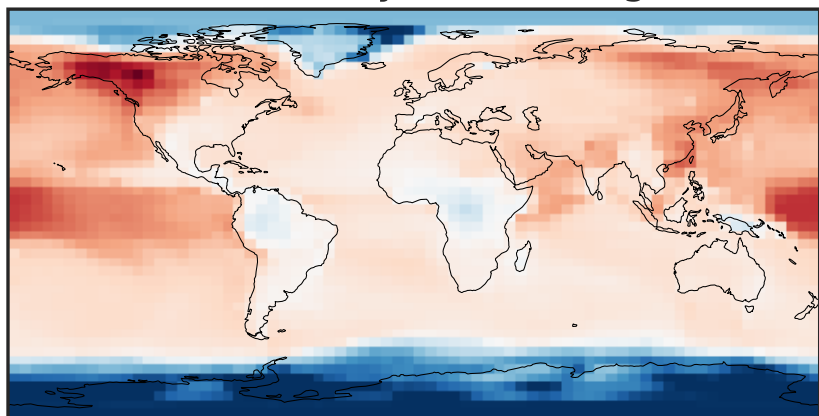
-0.002 0.000 0.002
 $\mu\text{g}/\text{m}^3$

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



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

Ratio
Dev/Ref, Dynamic Range



0.8880 0.9440 1.0000 1.0631 1.1261
unitless

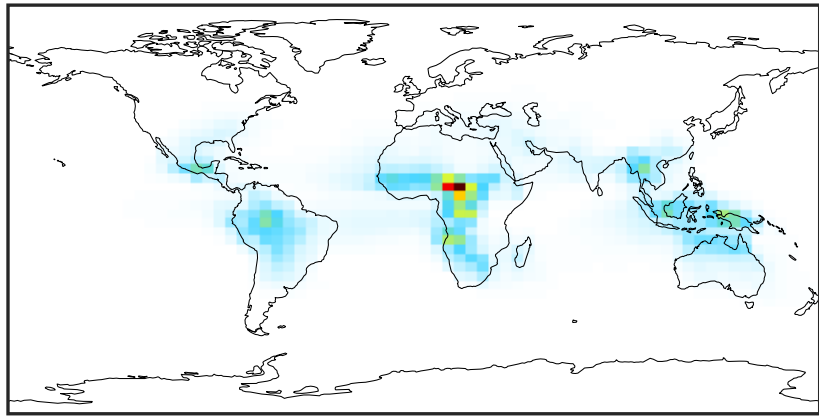
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

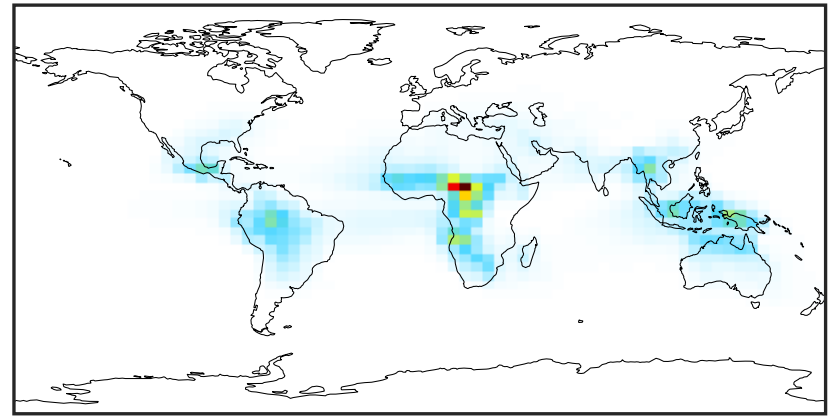
SpeciesConcVV_SOAIE (Oct2019)

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



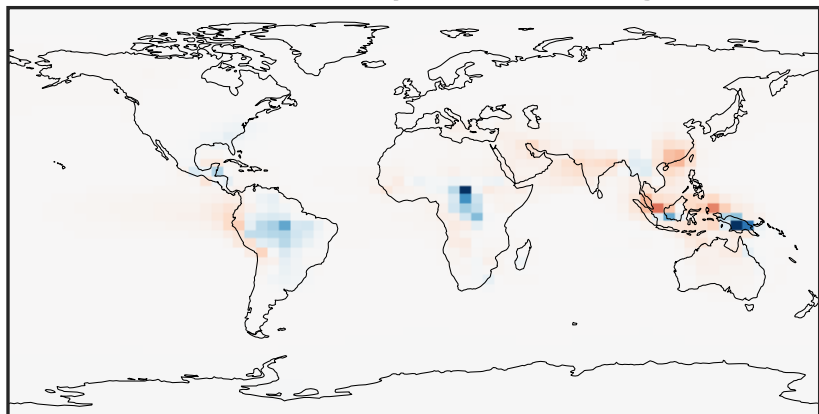
0.001 1.157 2.313 3.469 4.625
 $\mu\text{g}/\text{m}^3$

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



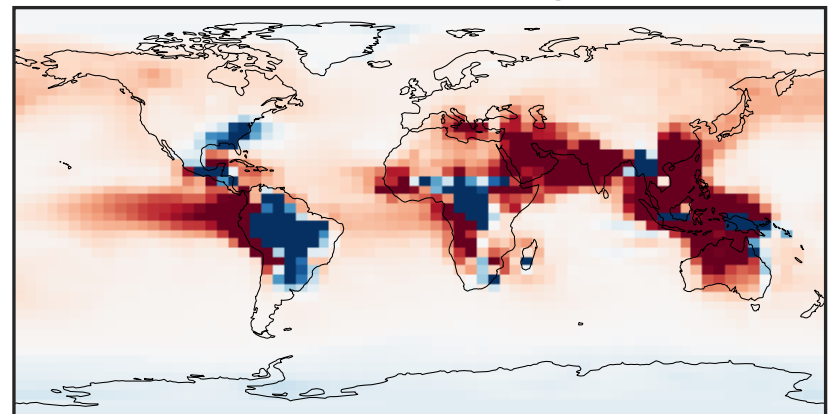
0.001 1.157 2.313 3.469 4.625
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



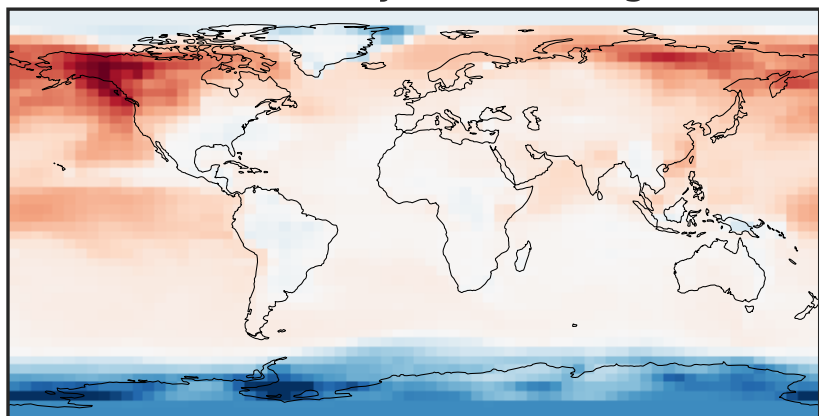
-0.025 0.000 0.025
 $\mu\text{g}/\text{m}^3$

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



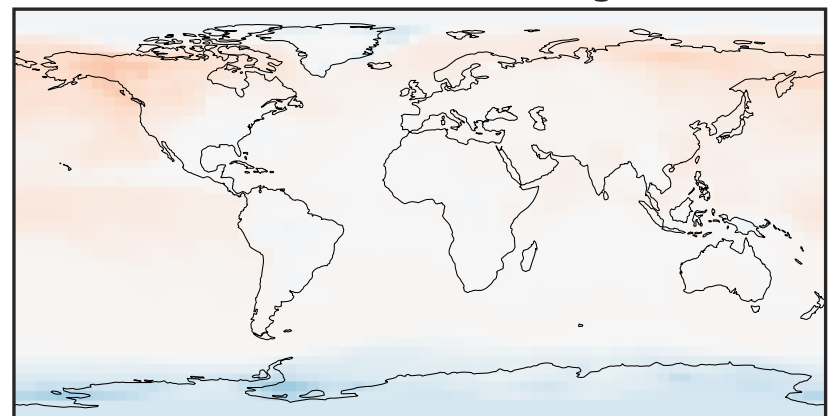
-0.001 0.000 0.001
 $\mu\text{g}/\text{m}^3$

Ratio
Dev/Ref, Dynamic Range



0.8266 0.9133 1.0000 1.1049 1.2098
unitless

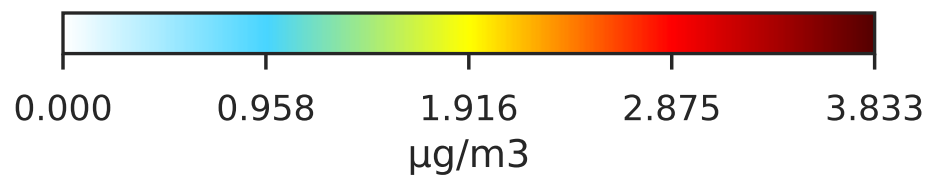
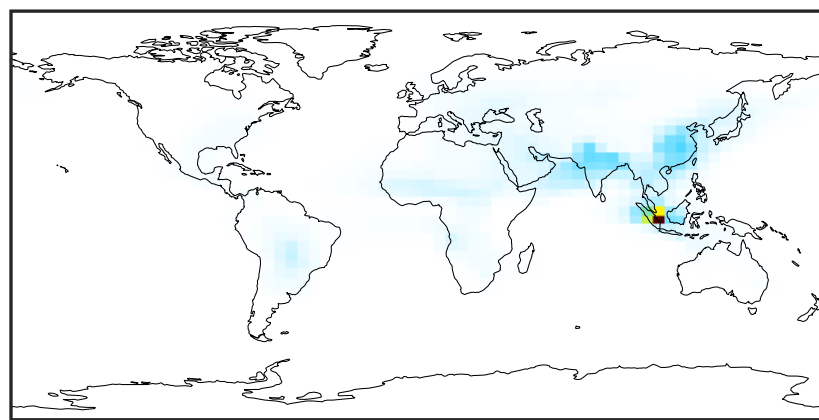
Ratio
Dev/Ref, Fixed Range



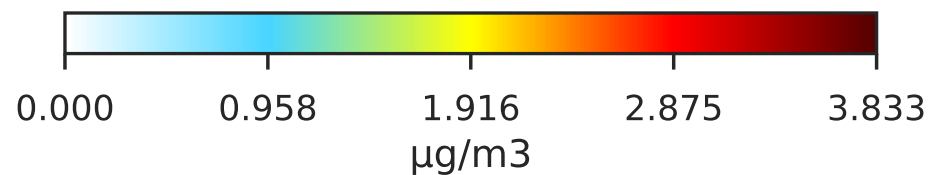
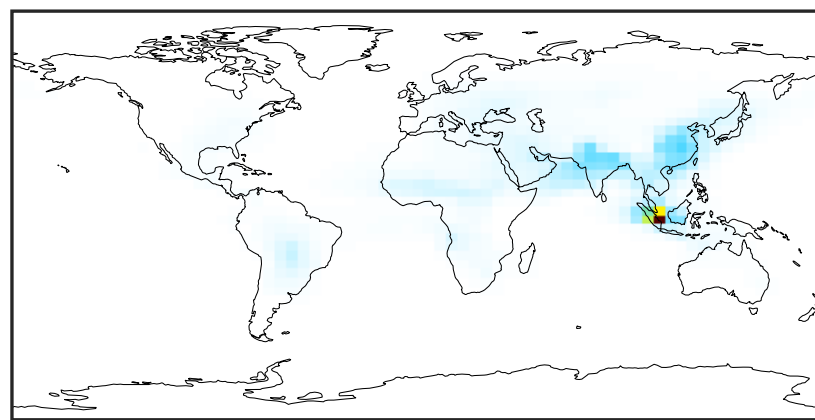
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_SOAGX (Oct2019)

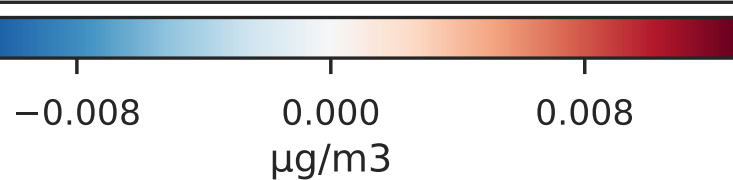
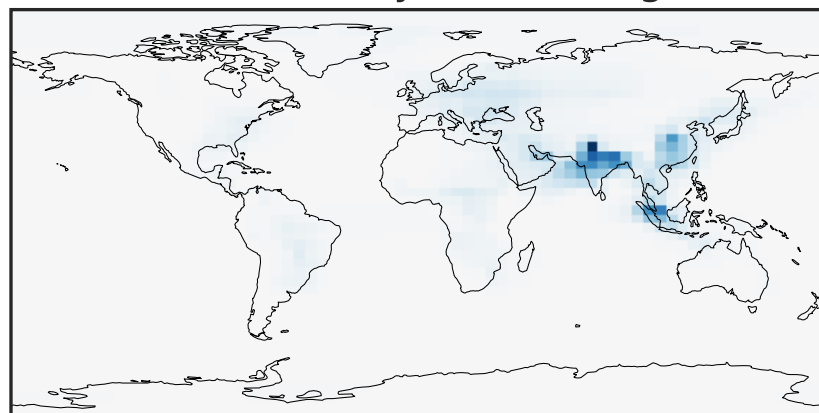
14.2.0-rc.2 (Ref)
4.0x5.0



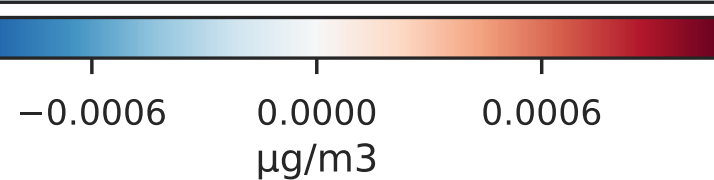
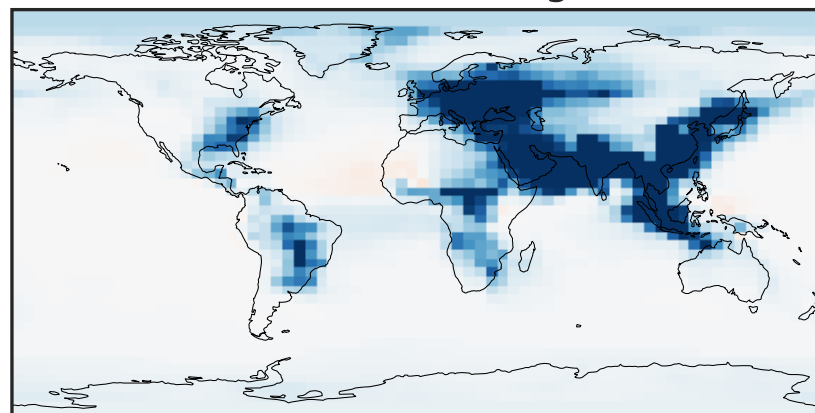
14.3.0-rc.0 (Dev)
4.0x5.0



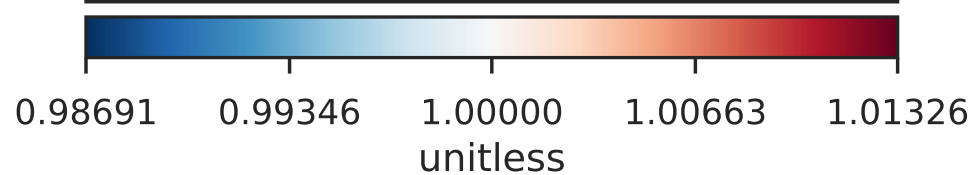
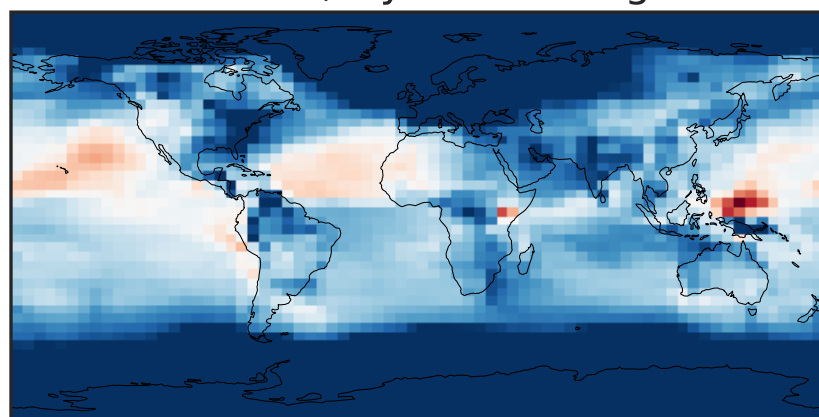
Difference
Dev - Ref, Dynamic Range



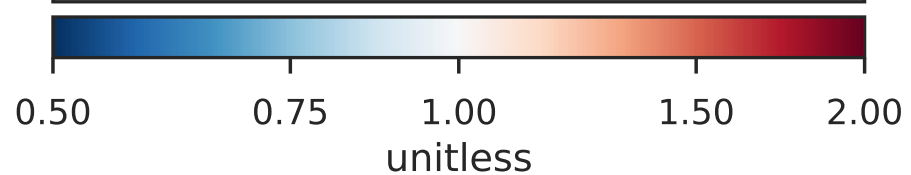
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

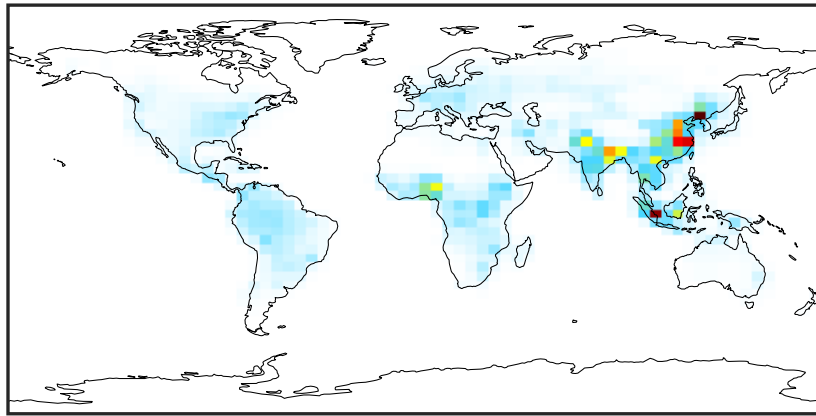


Ratio
Dev/Ref, Fixed Range



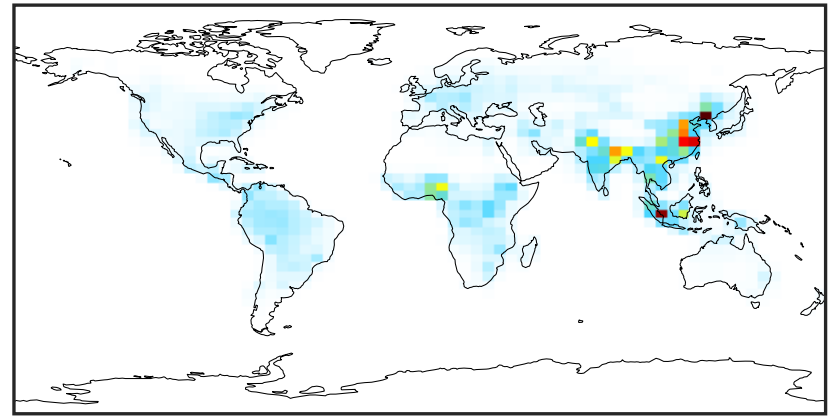
SpeciesConcVV_SOAP (Oct2019)

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



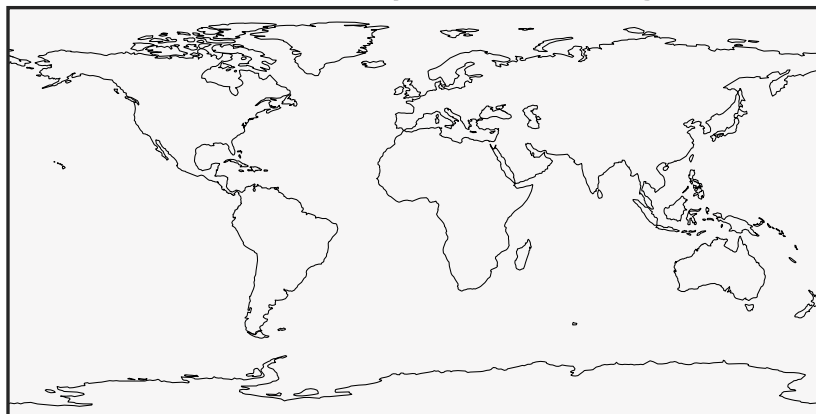
0.00 3.14 6.28 9.42 12.56
µg/m³

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



0.00 3.14 6.28 9.42 12.56
µg/m³

Difference
Dev - Ref, Dynamic Range



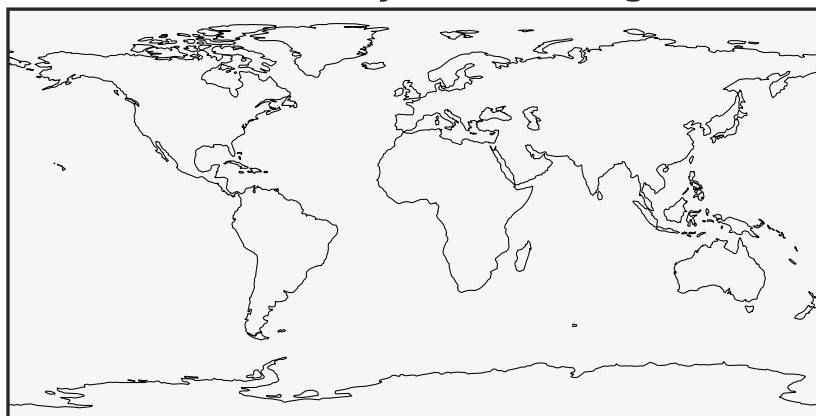
Zero throughout domain
µg/m³

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



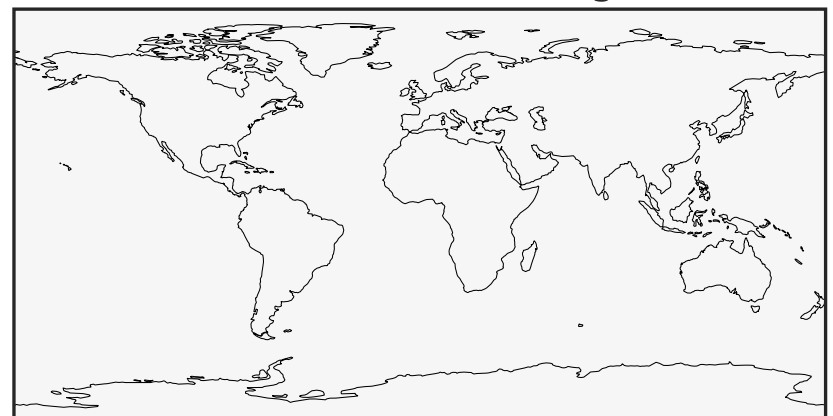
Zero throughout domain
µg/m³

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

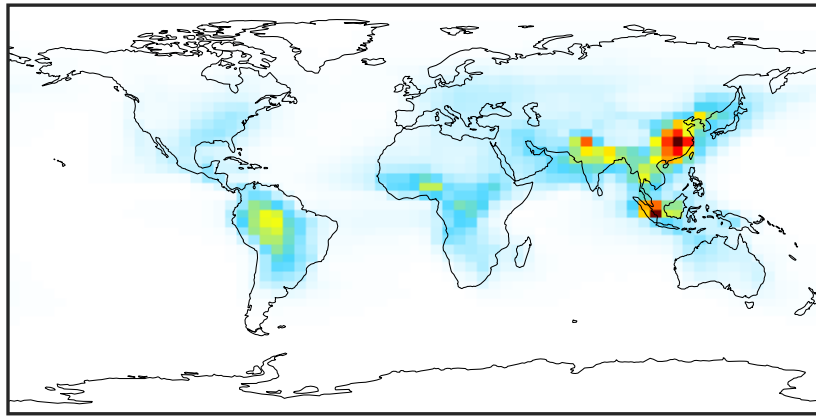
Ratio
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless

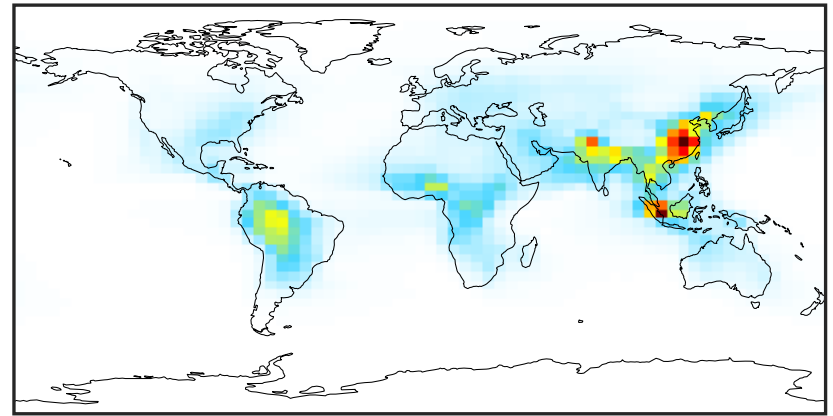
SpeciesConcVV_SOAS (Oct2019)

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



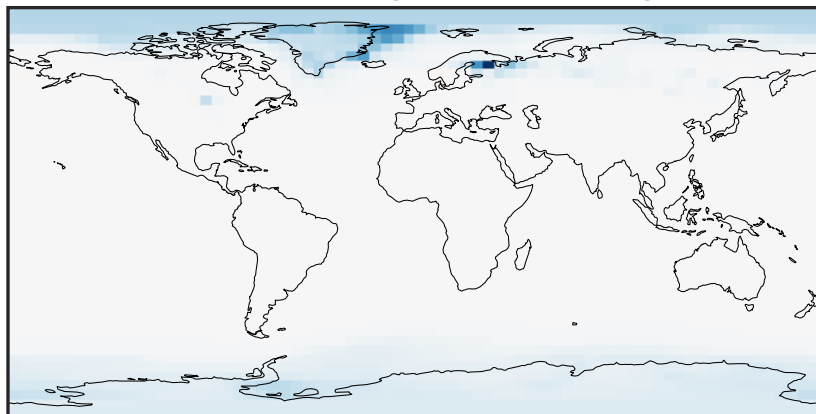
0.01 3.62 7.23 10.84 14.45
 $\mu\text{g}/\text{m}^3$

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



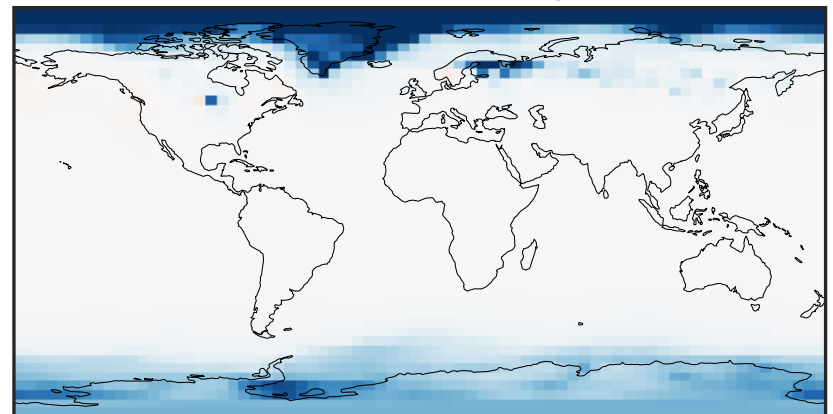
0.01 3.62 7.23 10.84 14.45
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



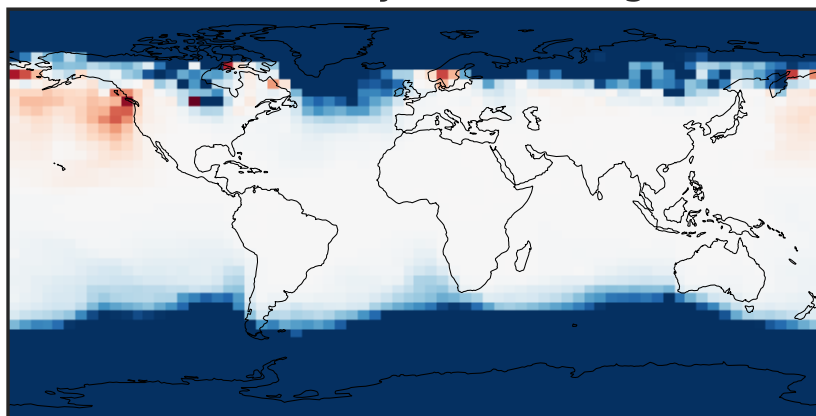
-0.008 0.000 0.008
 $\mu\text{g}/\text{m}^3$

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



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

Ratio
Dev/Ref, Dynamic Range



0.998698 0.999349 1.000000 1.000652 1.001304
unitless

Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless