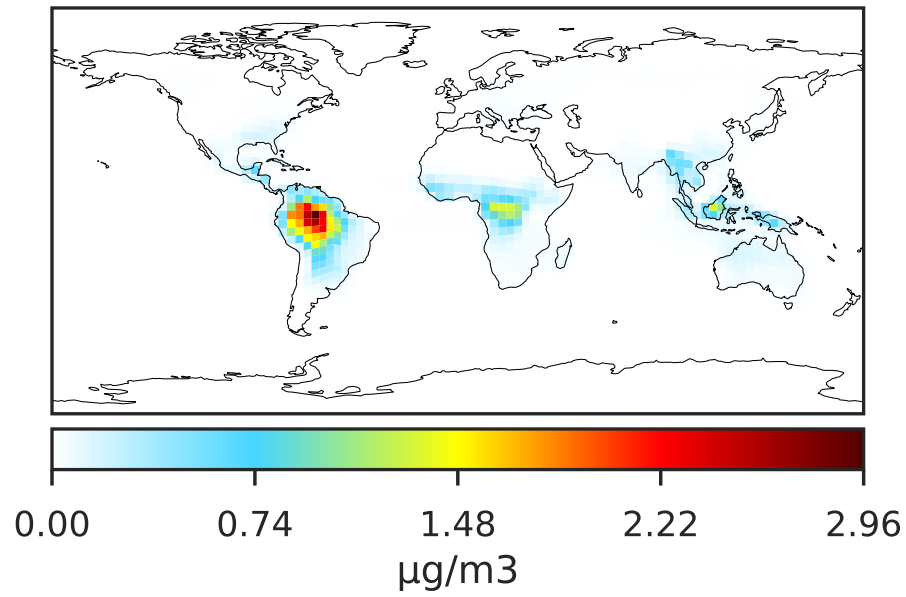
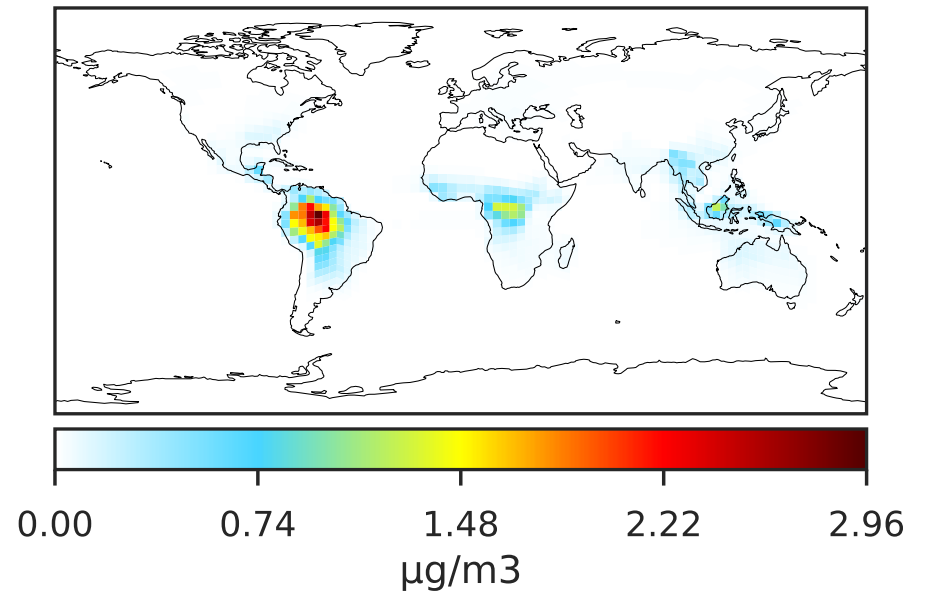


SpeciesConcVV_TSOA0 (Oct2019)

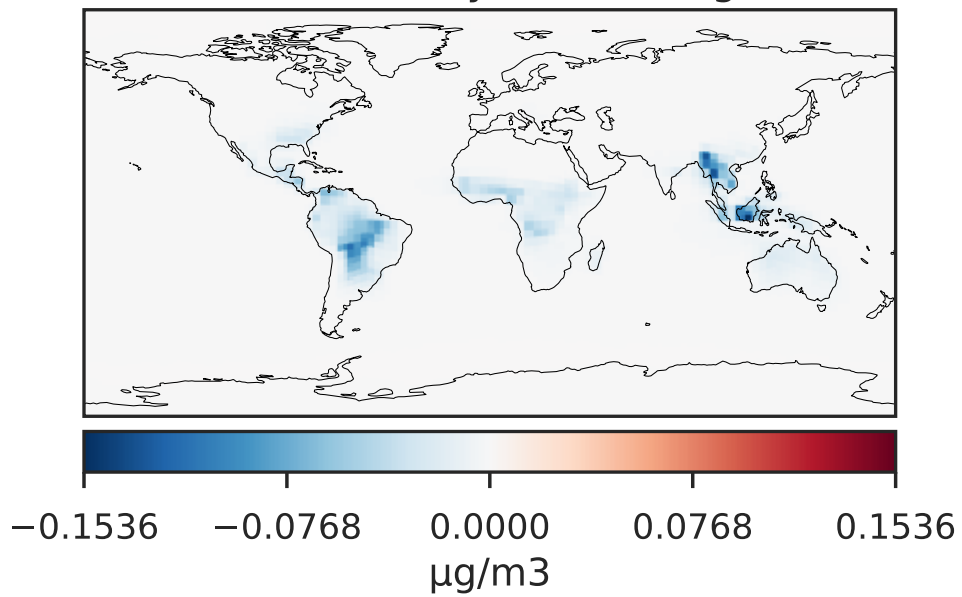
14.2.0-rc.2 (Ref)
c24



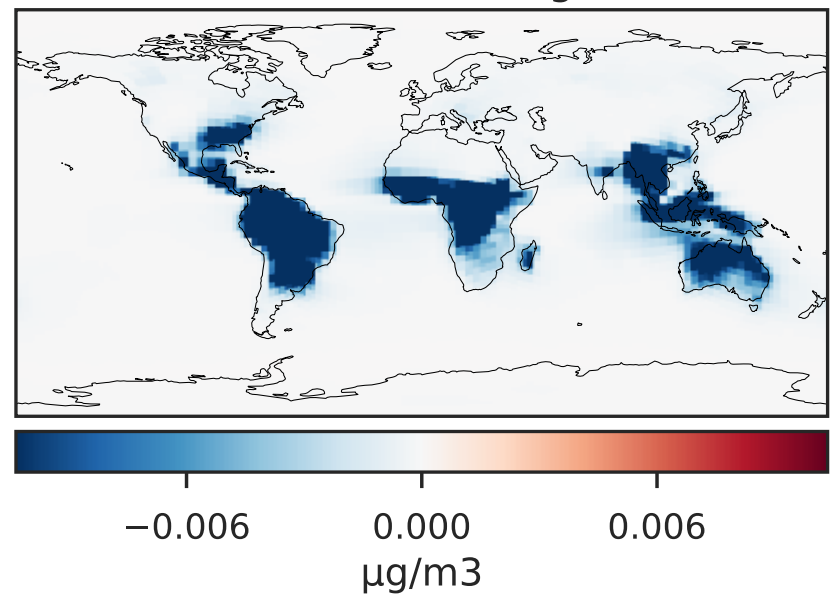
14.3.0-rc.0 (Dev)
c24



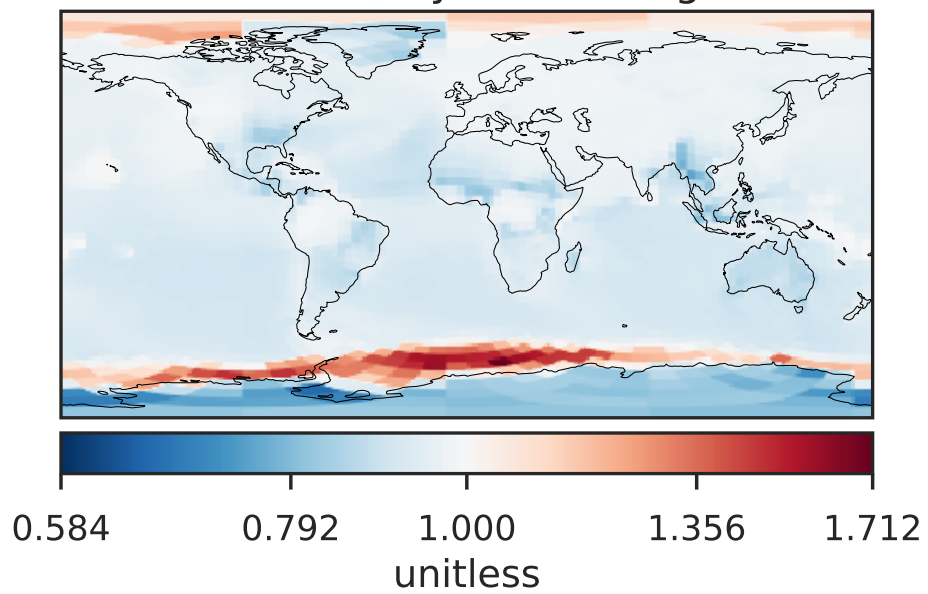
Difference (1x1.25)
Dev - Ref, Dynamic Range



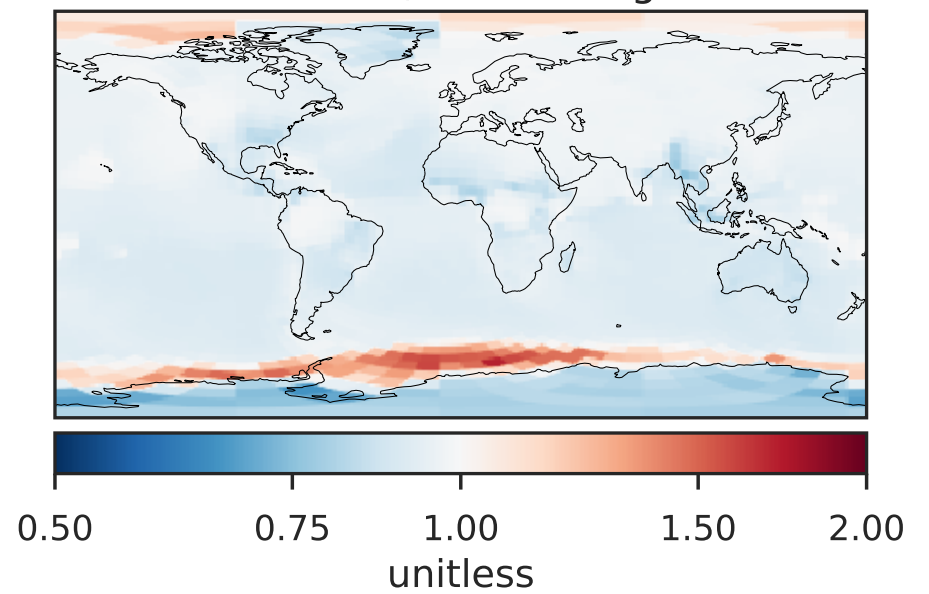
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

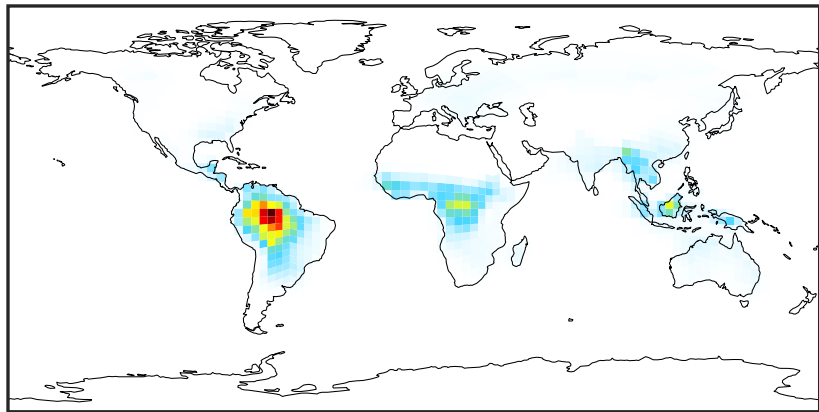


Ratio (1x1.25)
Dev/Ref, Fixed Range



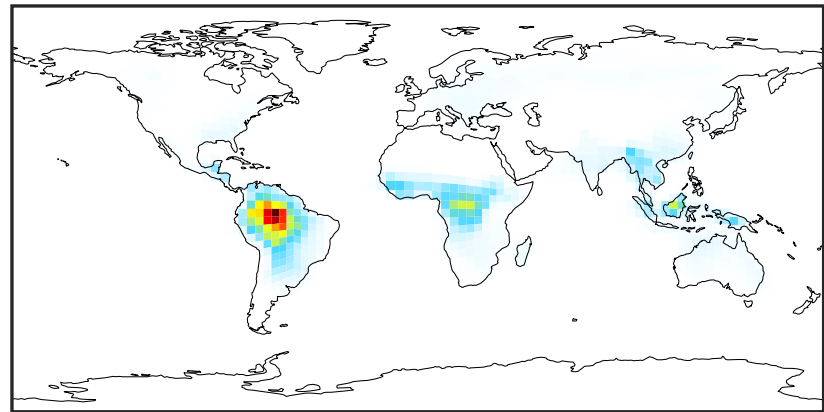
SpeciesConcVV_TSOA1 (Oct2019)

14.2.0-rc.2 (Ref)
c24



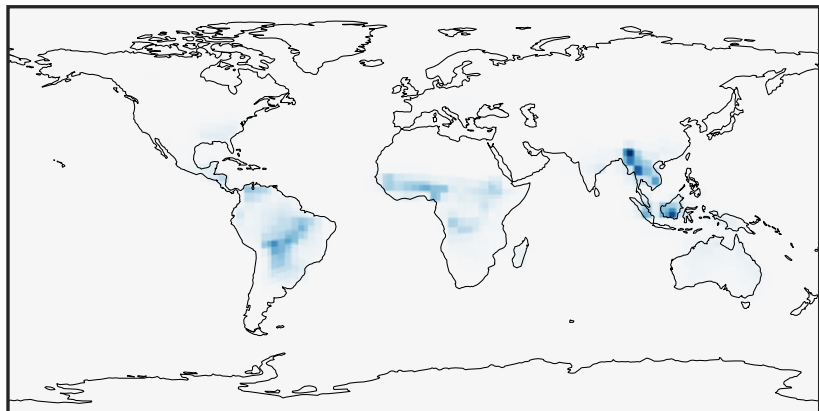
0.000 0.301 0.602 0.903 1.203
µg/m3

14.3.0-rc.0 (Dev)
c24



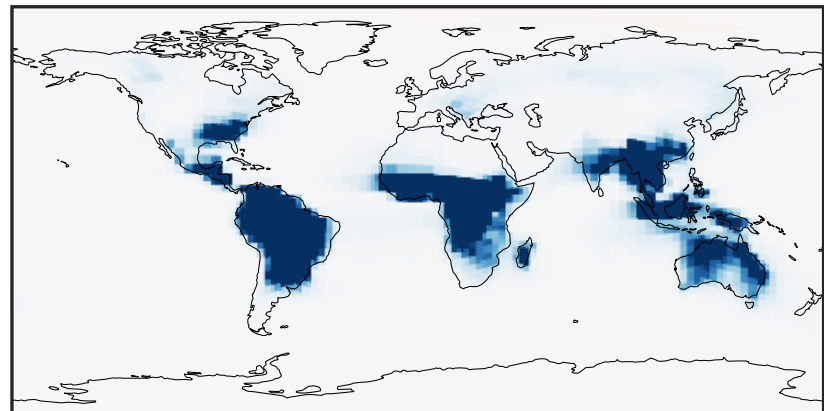
0.000 0.301 0.602 0.903 1.203
µg/m3

Difference (1x1.25)
Dev - Ref, Dynamic Range



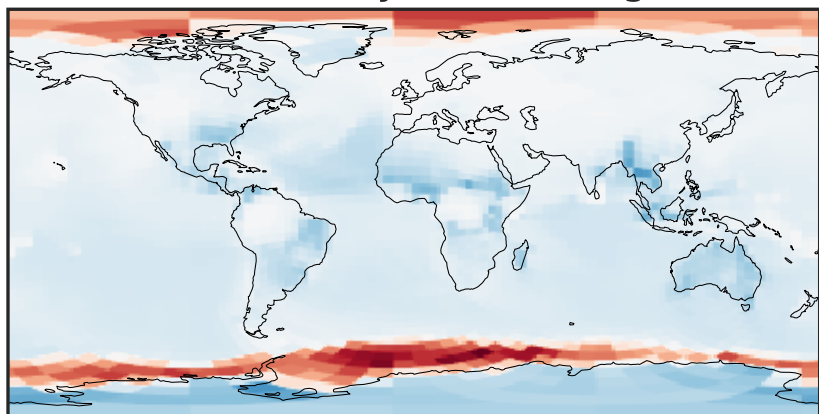
-0.1152 -0.0576 0.0000 0.0576 0.1152
µg/m3

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



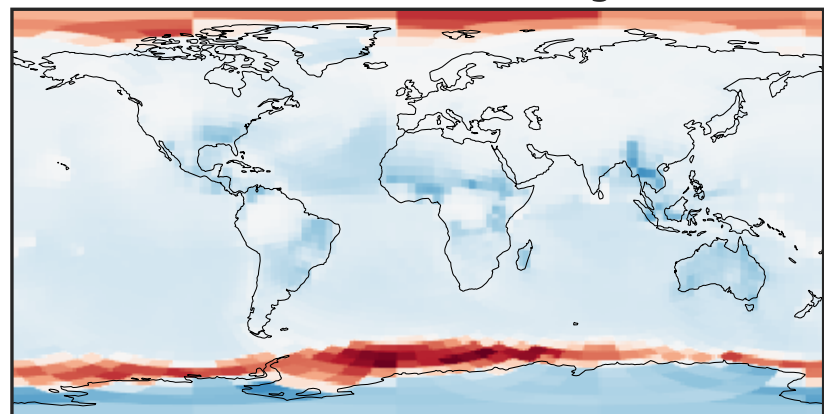
-0.0025 0.0000 0.0025
µg/m3

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.483 0.742 1.000 1.535 2.069
unitless

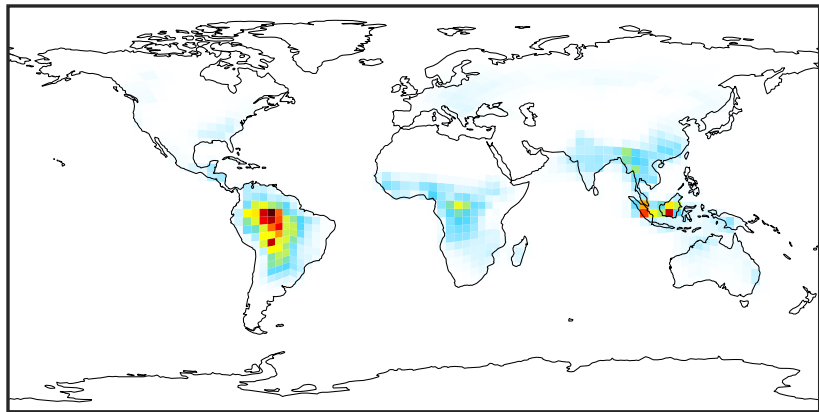
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

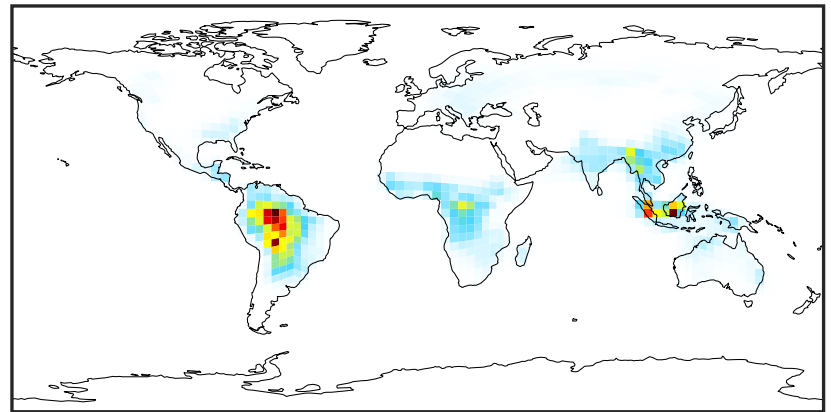
SpeciesConcVV_TSOA2 (Oct2019)

14.2.0-rc.2 (Ref)
c24



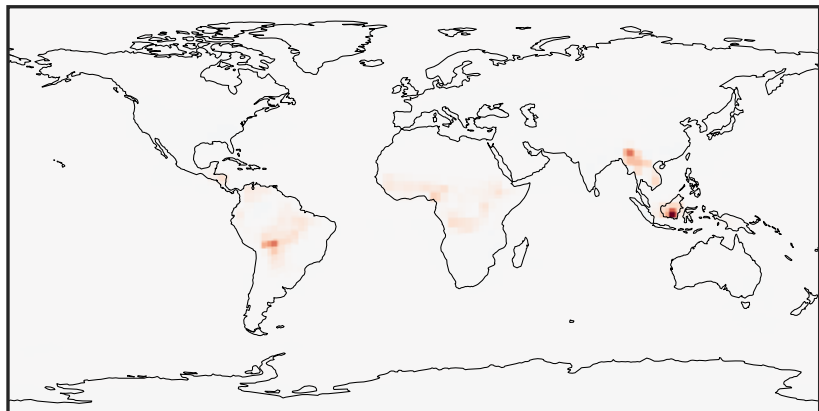
0.000 0.841 1.682 2.522 3.363
µg/m³

14.3.0-rc.0 (Dev)
c24



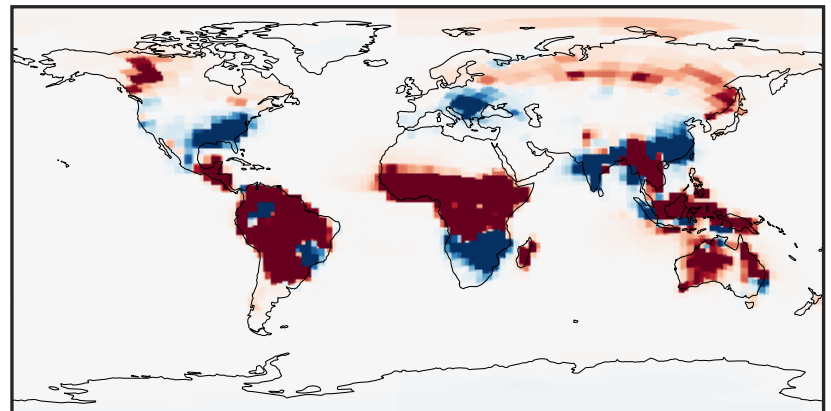
0.000 0.841 1.682 2.522 3.363
µg/m³

Difference (1x1.25)
Dev - Ref, Dynamic Range



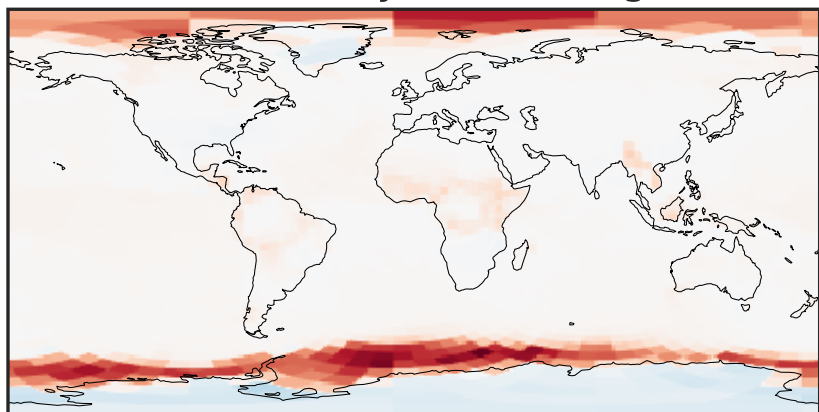
-0.537 -0.268 0.000 0.268 0.537
µg/m³

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



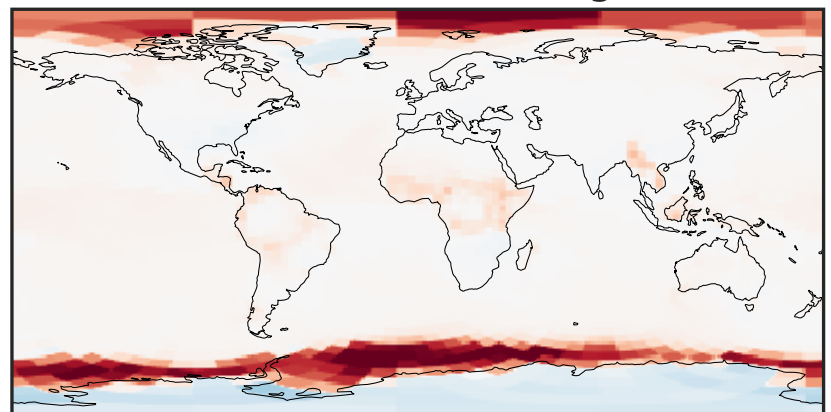
-0.0004 0.0000 0.0004
µg/m³

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.406 0.703 1.000 1.731 2.461
unitless

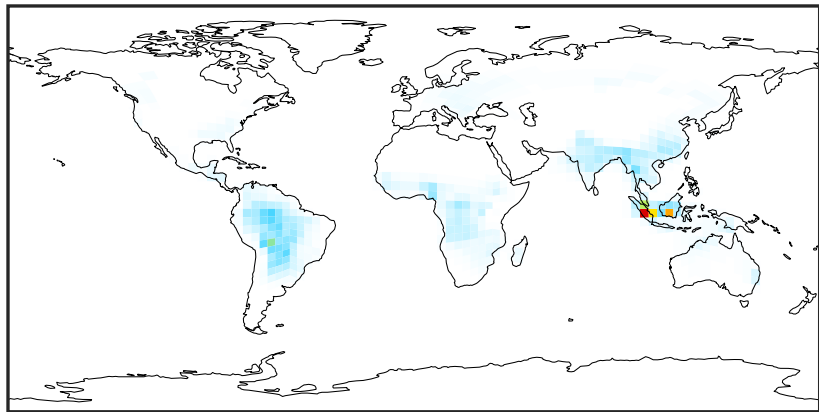
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

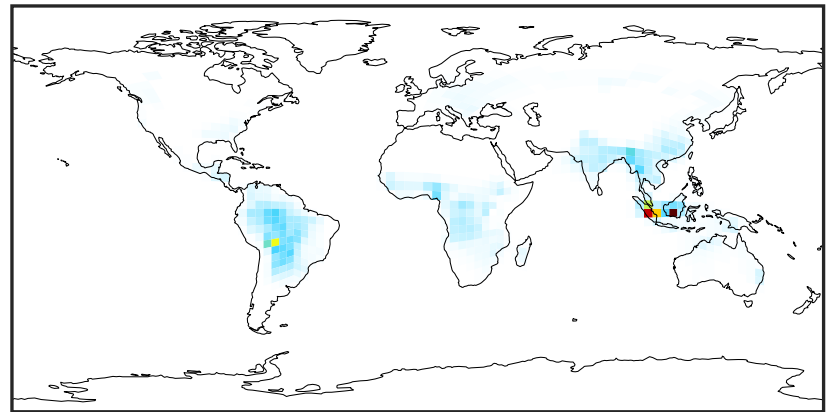
SpeciesConcVV_TSOA3 (Oct2019)

14.2.0-rc.2 (Ref)
c24



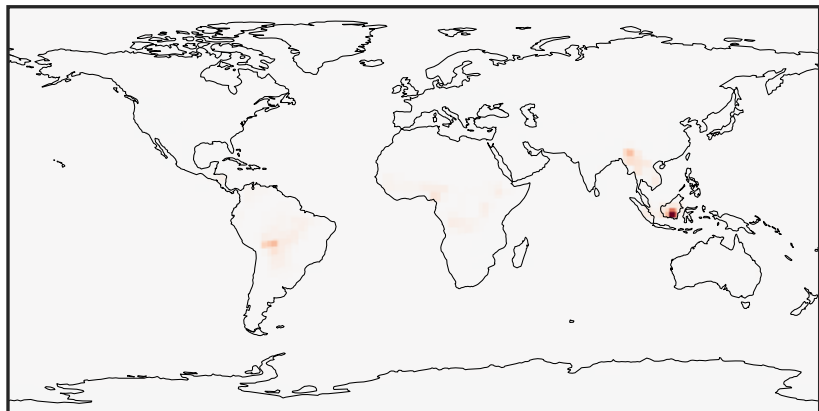
0.000 0.606 1.212 1.818 2.424
µg/m³

14.3.0-rc.0 (Dev)
c24



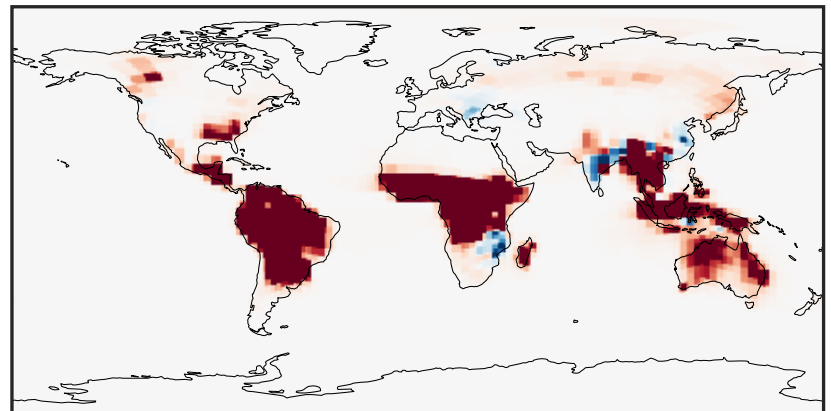
0.000 0.606 1.212 1.818 2.424
µg/m³

Difference (1x1.25)
Dev - Ref, Dynamic Range



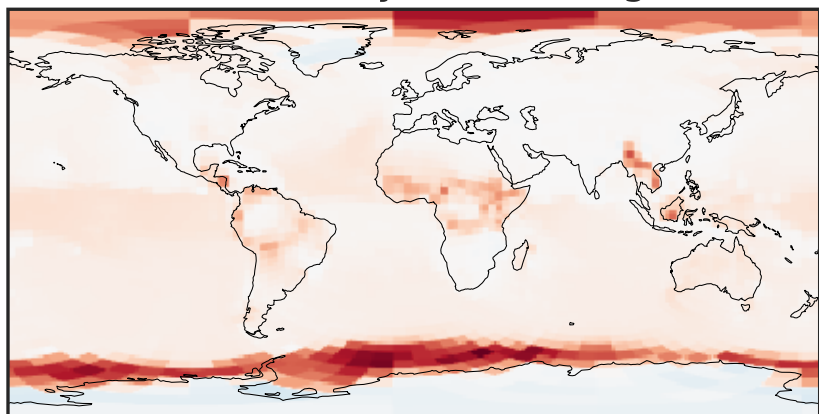
-1.002 -0.501 0.000 0.501 1.002
µg/m³

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



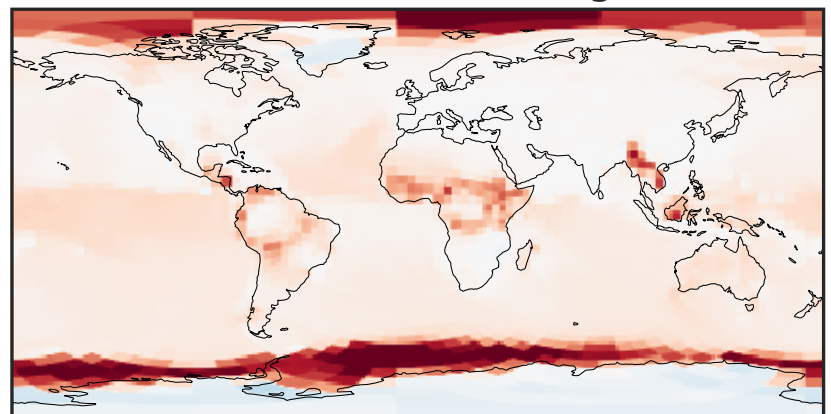
-0.001 0.000 0.001
µg/m³

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.389 0.694 1.000 1.785 2.571
unitless

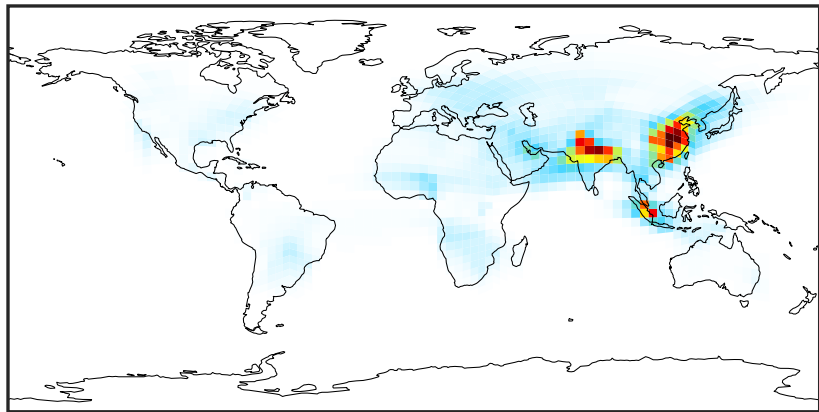
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

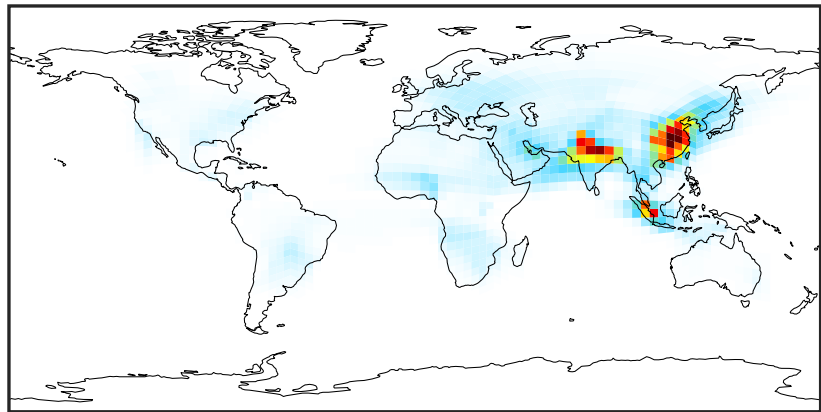
SpeciesConcVV_ASOA1 (Oct2019)

14.2.0-rc.2 (Ref)
c24



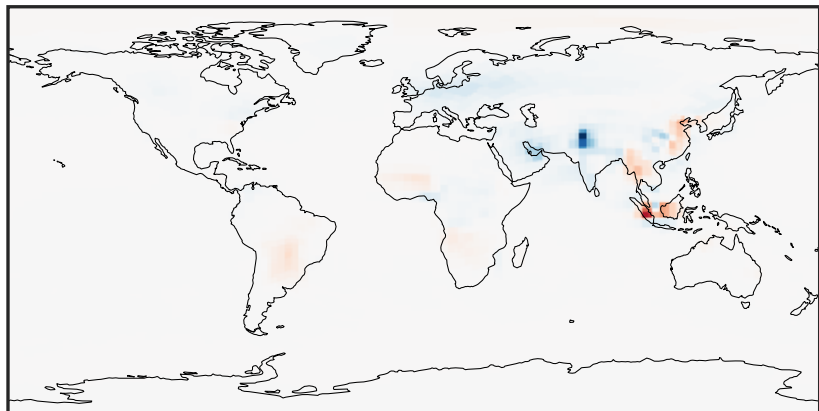
0.0000 0.0389 0.0777 0.1166 0.1554 $\mu\text{g}/\text{m}^3$

14.3.0-rc.0 (Dev)
c24



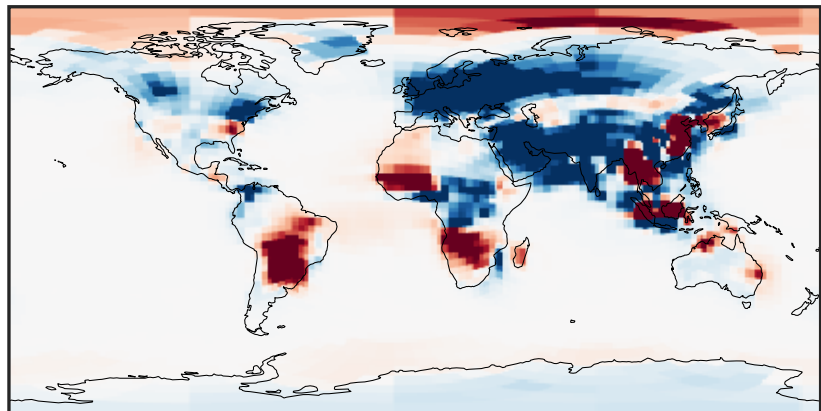
0.0000 0.0389 0.0777 0.1166 0.1554 $\mu\text{g}/\text{m}^3$

Difference (1x1.25)
Dev - Ref, Dynamic Range



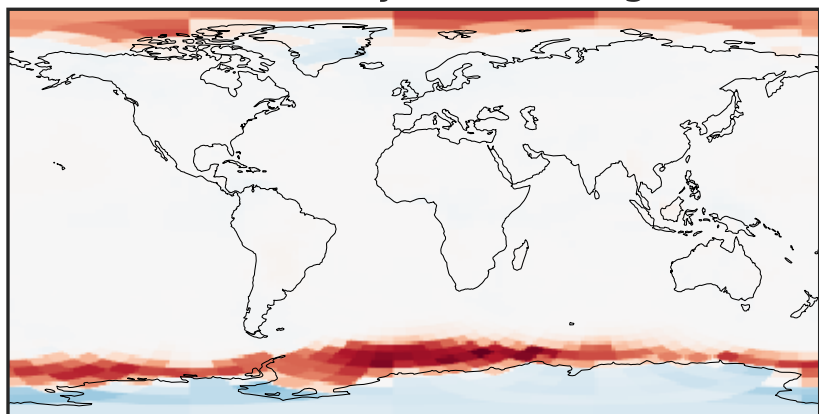
-0.0008 0.0000 0.0008 $\mu\text{g}/\text{m}^3$

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



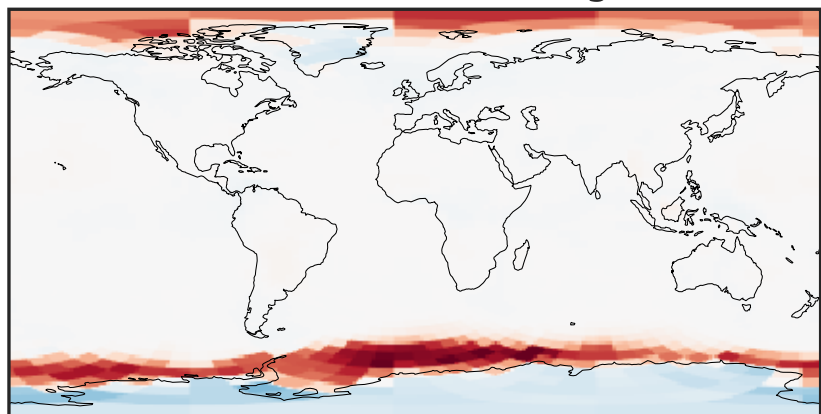
-2 0 2 $\mu\text{g}/\text{m}^3$ $1\text{e}-5$

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.475 0.737 1.000 1.553 2.107 unitless

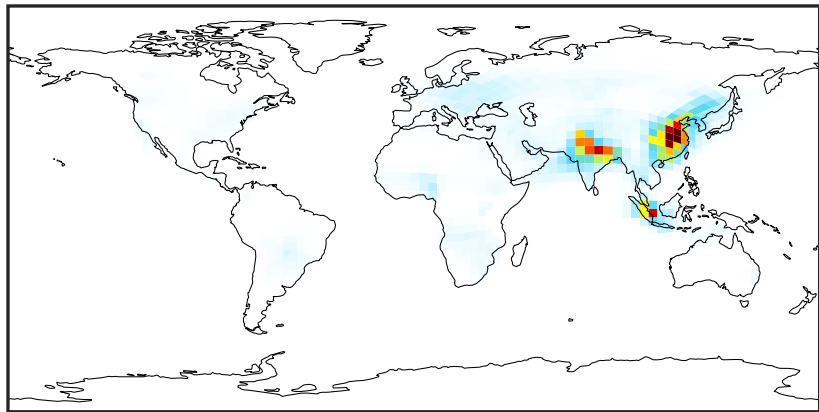
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00 unitless

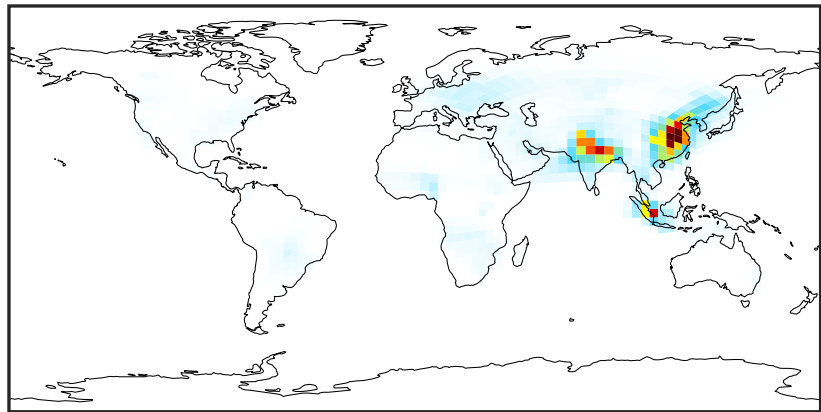
SpeciesConcVV_ASOA2 (Oct2019)

14.2.0-rc.2 (Ref)
c24



0.0000 0.0344 0.0688 0.1033 0.1377
 $\mu\text{g}/\text{m}^3$

14.3.0-rc.0 (Dev)
c24



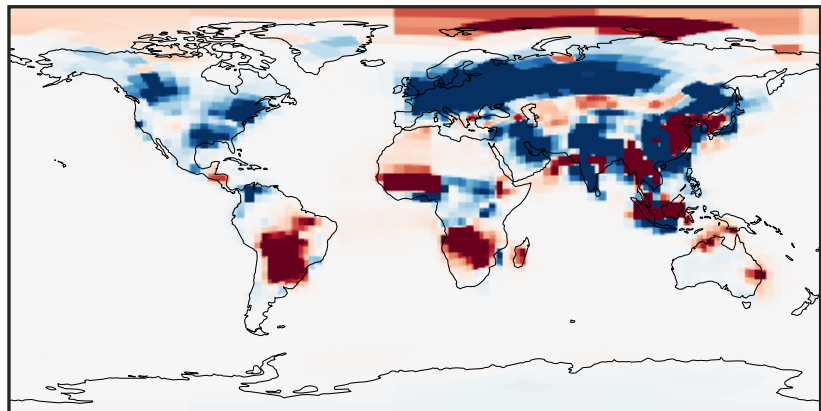
0.0000 0.0344 0.0688 0.1033 0.1377
 $\mu\text{g}/\text{m}^3$

Difference (1x1.25)
Dev - Ref, Dynamic Range



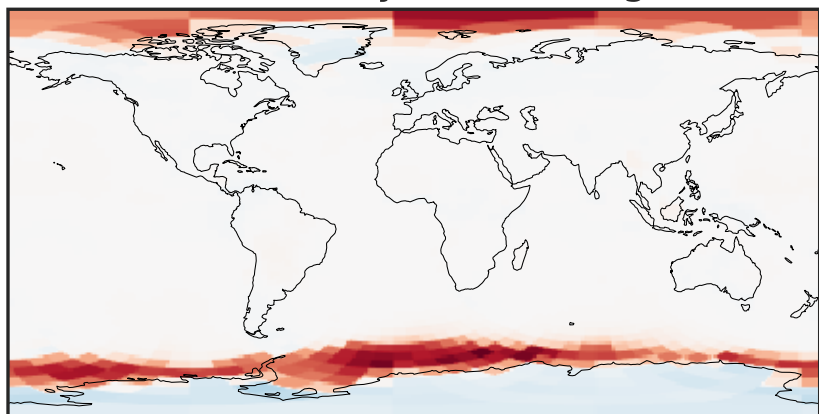
-0.0005 0.0000 0.0005
 $\mu\text{g}/\text{m}^3$

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



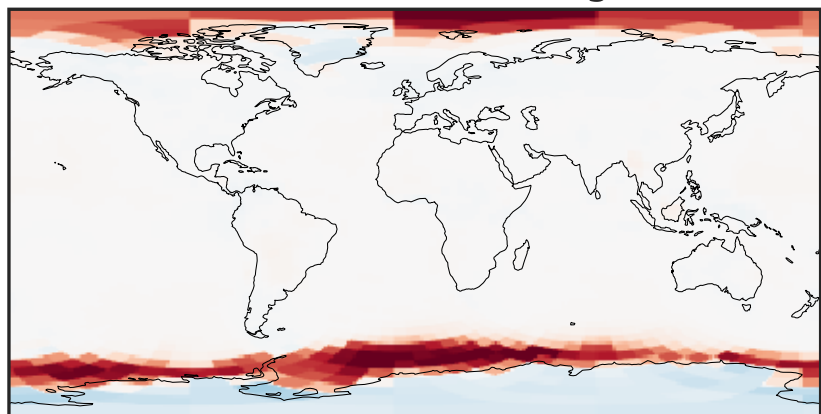
-6 0 6
 $\mu\text{g}/\text{m}^3$ $1\text{e}-6$

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.440 0.720 1.000 1.637 2.275
unitless

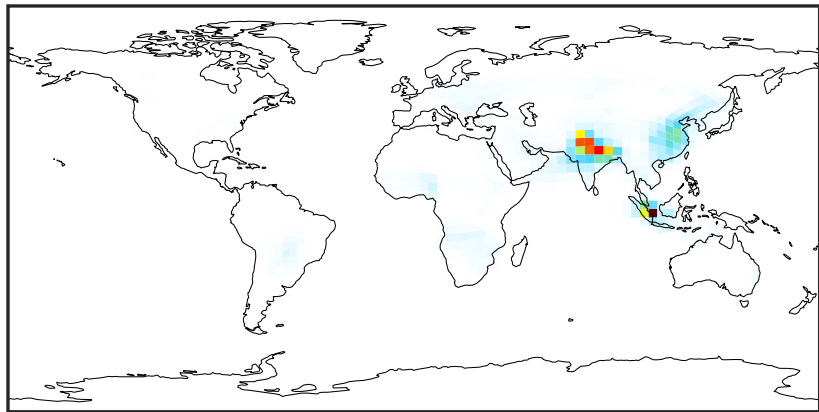
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

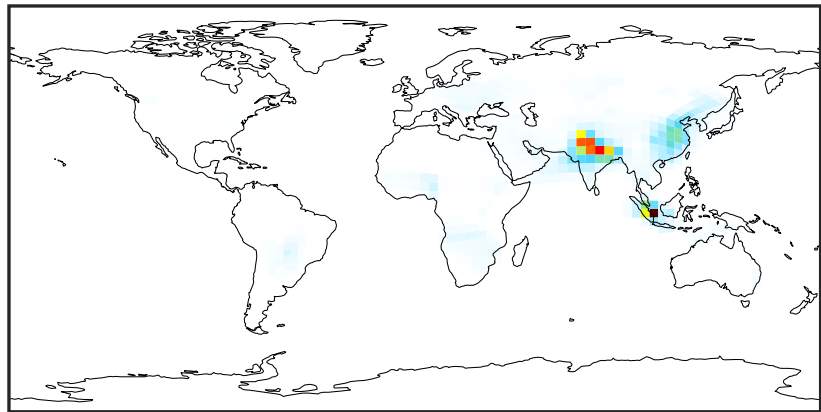
SpeciesConcVV_ASOA3 (Oct2019)

14.2.0-rc.2 (Ref)
c24



0.0000 0.0501 0.1001 0.1502 0.2002
 $\mu\text{g}/\text{m}^3$

14.3.0-rc.0 (Dev)
c24



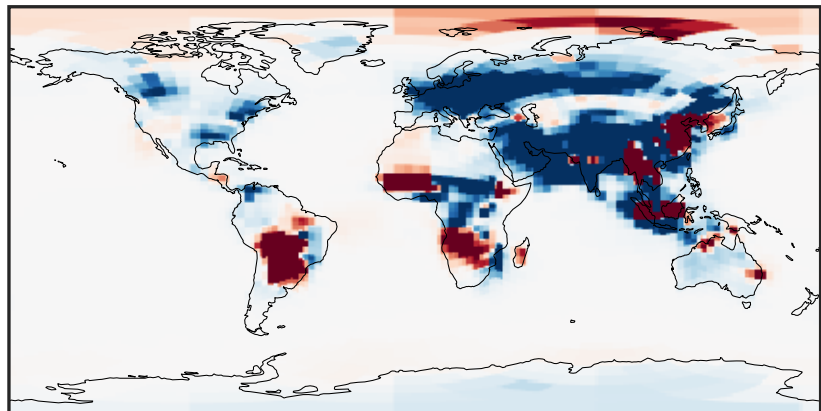
0.0000 0.0501 0.1001 0.1502 0.2002
 $\mu\text{g}/\text{m}^3$

Difference (1x1.25)
Dev - Ref, Dynamic Range



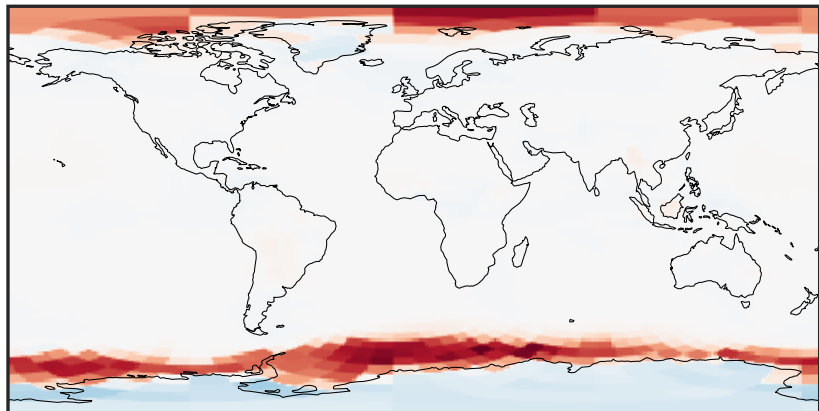
-0.0015 0.0000 0.0015
 $\mu\text{g}/\text{m}^3$

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



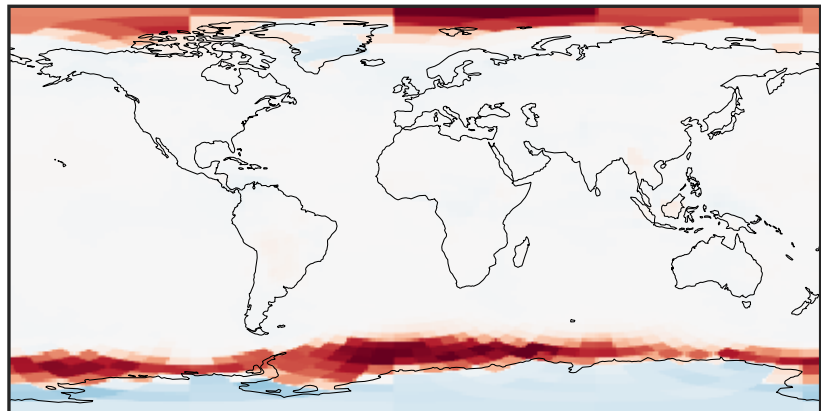
-5 0 5
 $\mu\text{g}/\text{m}^3$ $1\text{e}-6$

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.462 0.731 1.000 1.582 2.163
unitless

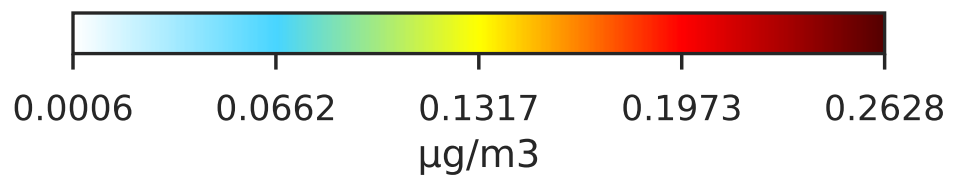
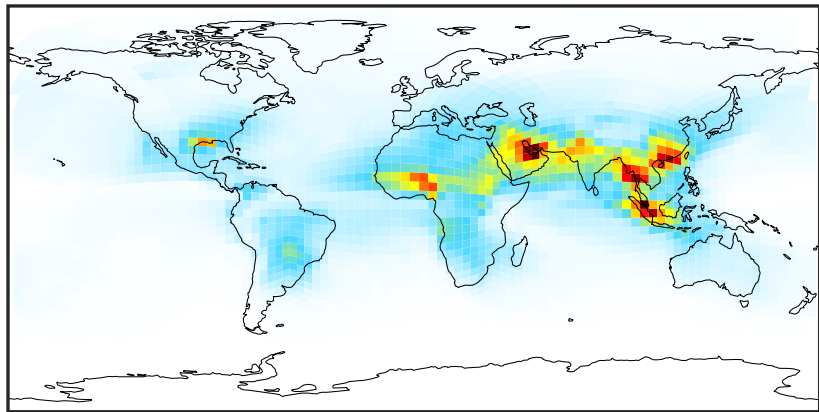
Ratio (1x1.25)
Dev/Ref, Fixed Range



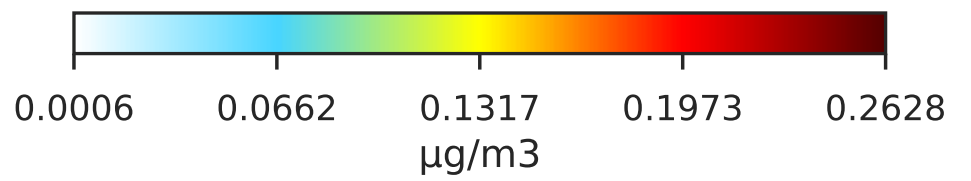
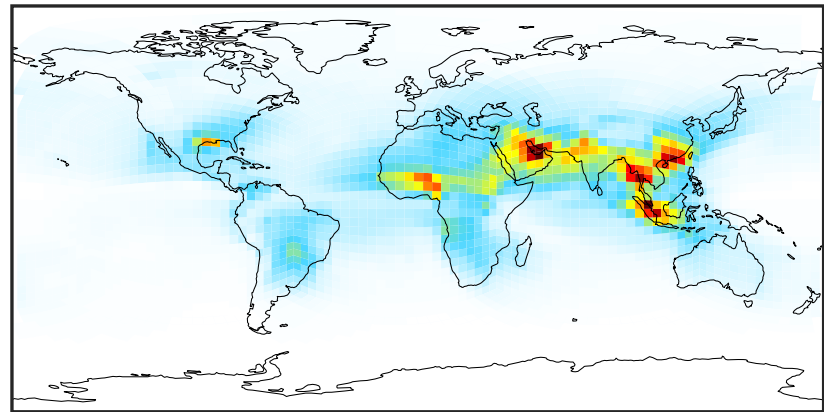
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_ASOAN (Oct2019)

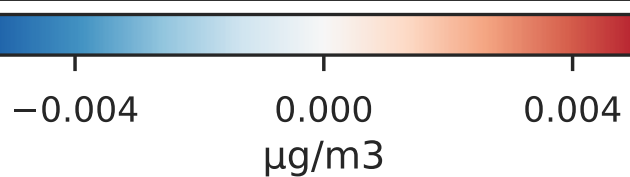
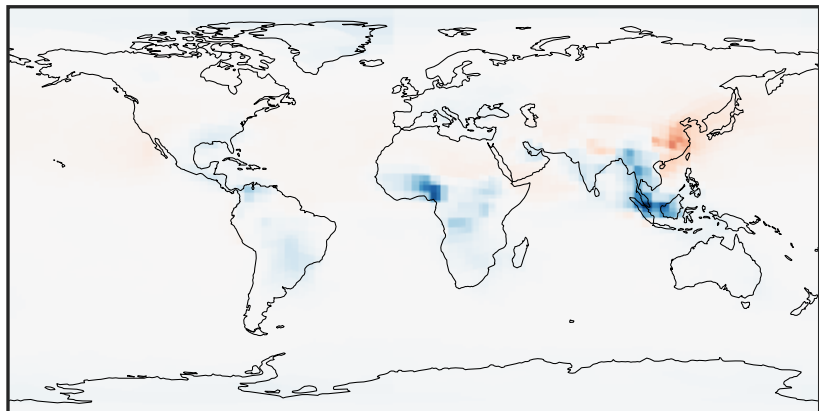
14.2.0-rc.2 (Ref)
c24



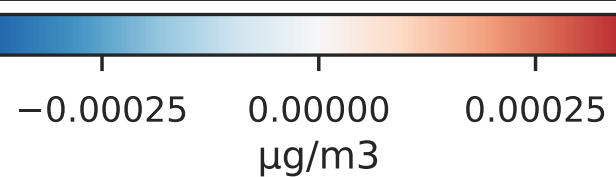
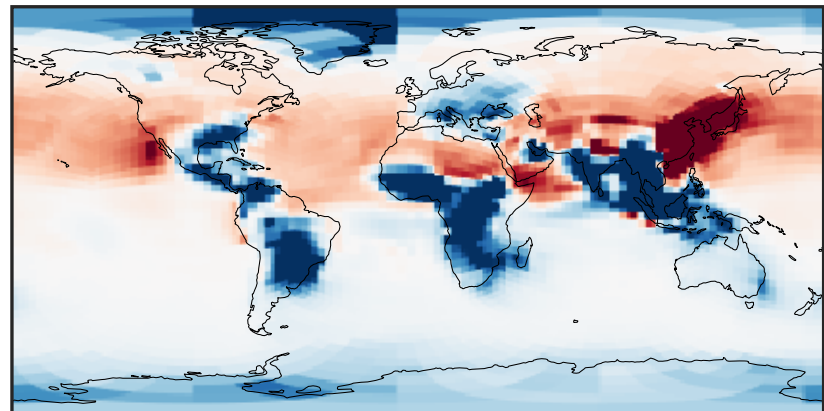
14.3.0-rc.0 (Dev)
c24



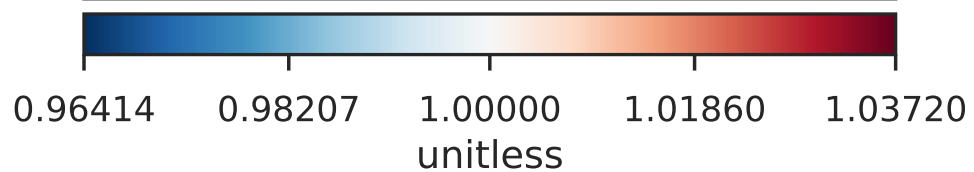
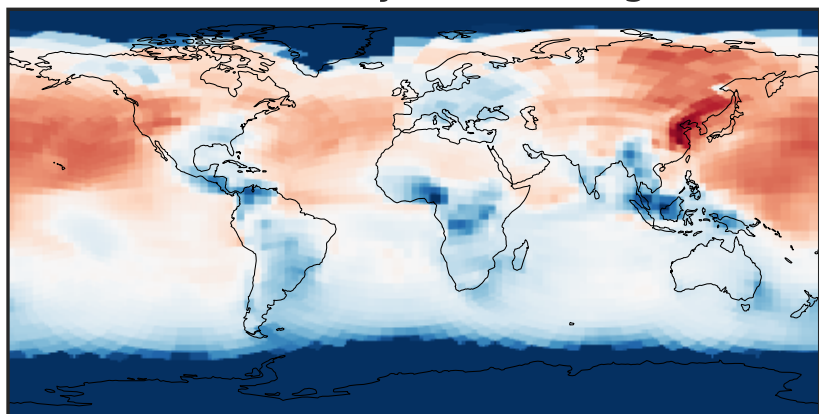
Difference (1x1.25)
Dev - Ref, Dynamic Range



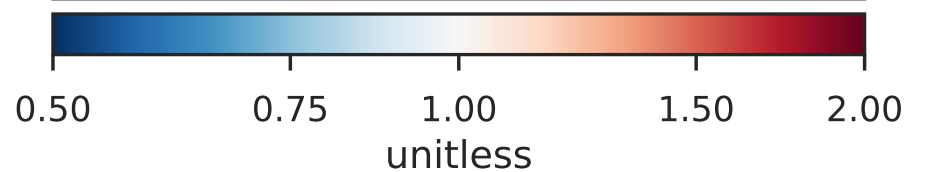
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

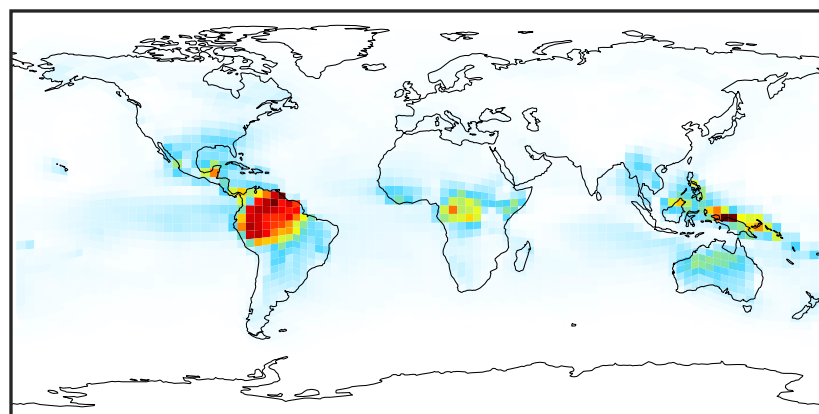


Ratio (1x1.25)
Dev/Ref, Fixed Range



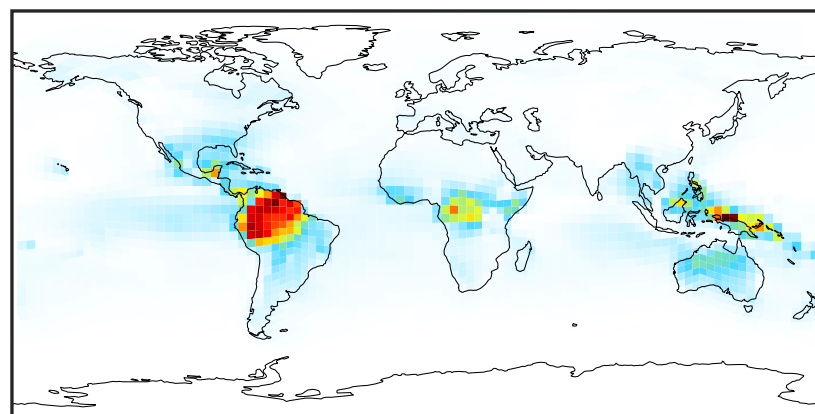
SpeciesConcVV_TSOG0 (Oct2019)

14.2.0-rc.2 (Ref)
c24



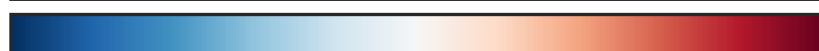
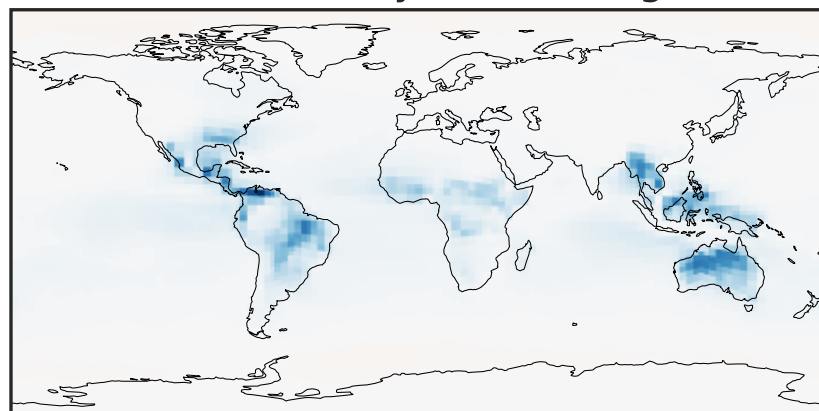
0.015 0.030 0.045
µg/m3

14.3.0-rc.0 (Dev)
c24



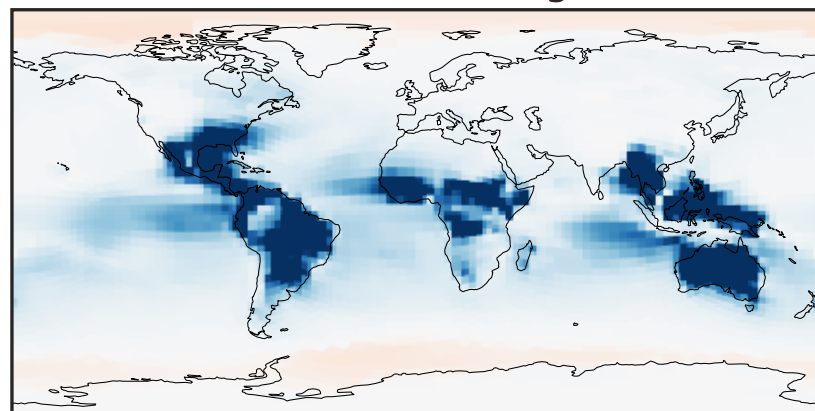
0.015 0.030 0.045
µg/m3

Difference (1x1.25)
Dev - Ref, Dynamic Range



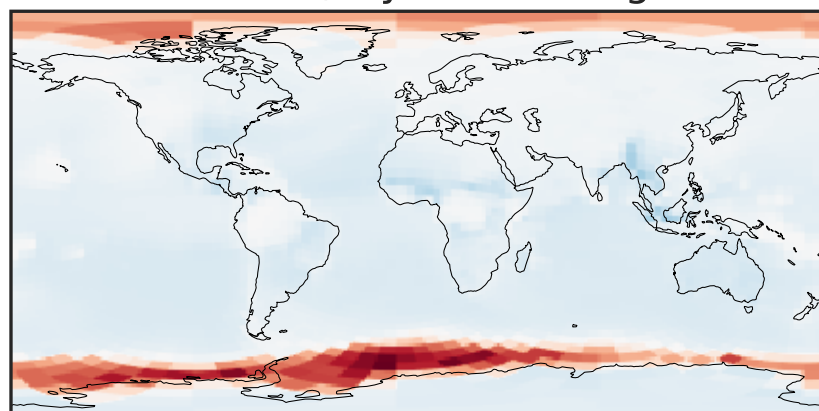
-0.0015 0.0000 0.0015
µg/m3

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



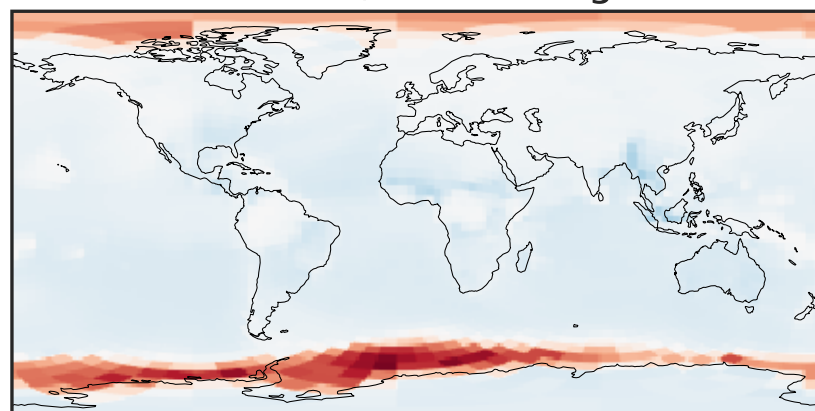
-0.00025 0.00000 0.00025
µg/m3

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.519 0.759 1.000 1.464 1.928
unitless

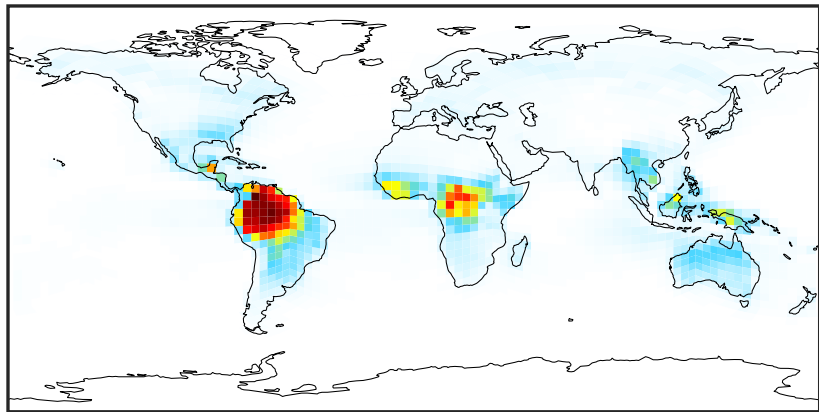
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

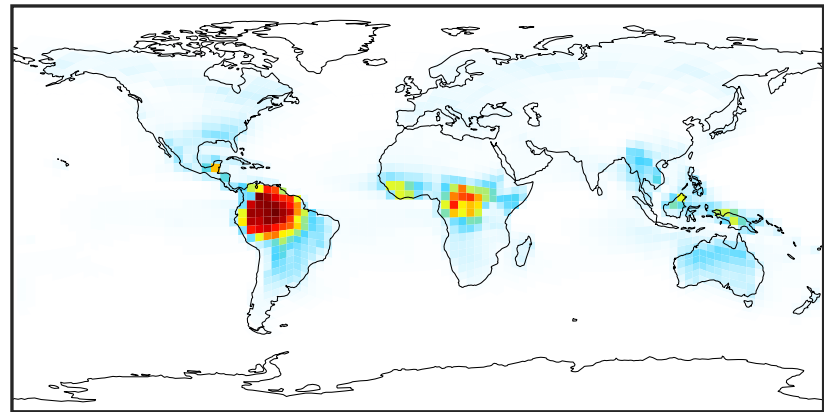
SpeciesConcVV_TSOG1 (Oct2019)

14.2.0-rc.2 (Ref)
c24



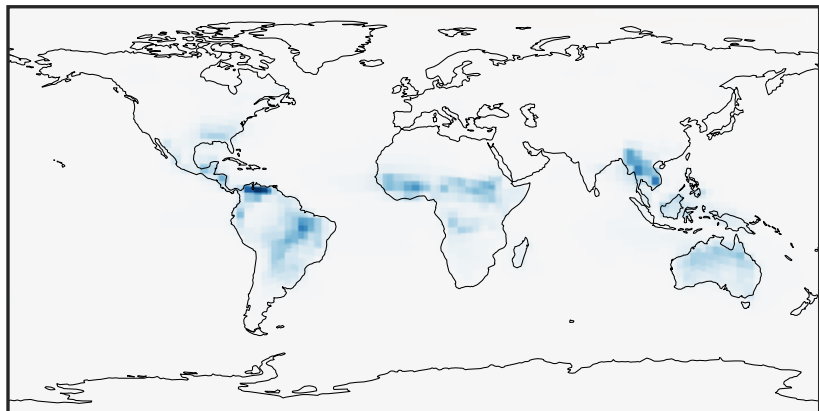
0.0000 0.0386 0.0771 0.1156 0.1542
 $\mu\text{g}/\text{m}^3$

14.3.0-rc.0 (Dev)
c24



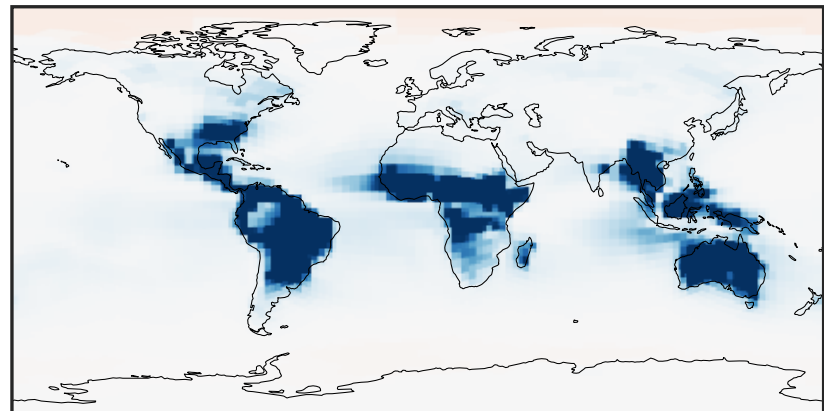
0.0000 0.0386 0.0771 0.1156 0.1542
 $\mu\text{g}/\text{m}^3$

Difference (1x1.25)
Dev - Ref, Dynamic Range



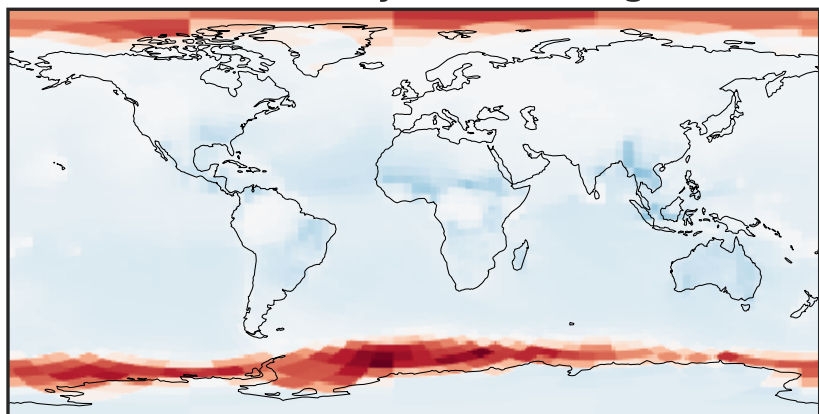
-0.01 0.00 0.01
 $\mu\text{g}/\text{m}^3$

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



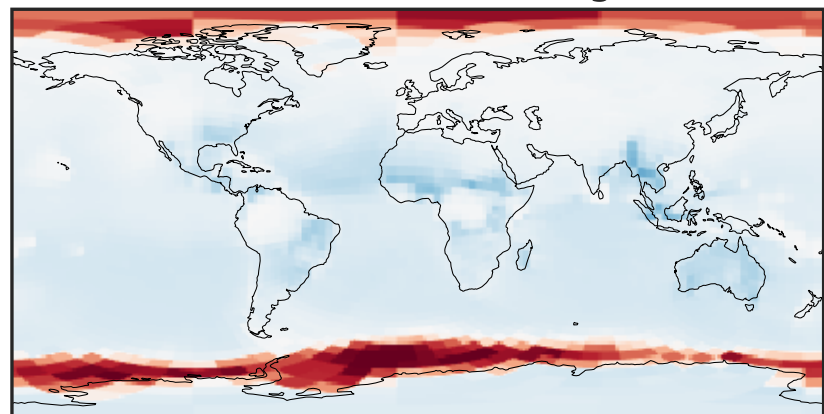
-0.001 0.000 0.001
 $\mu\text{g}/\text{m}^3$

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.428 0.714 1.000 1.668 2.337
unitless

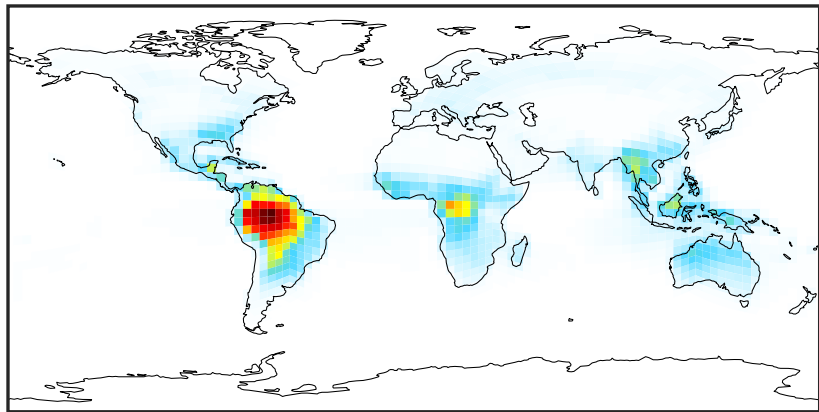
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

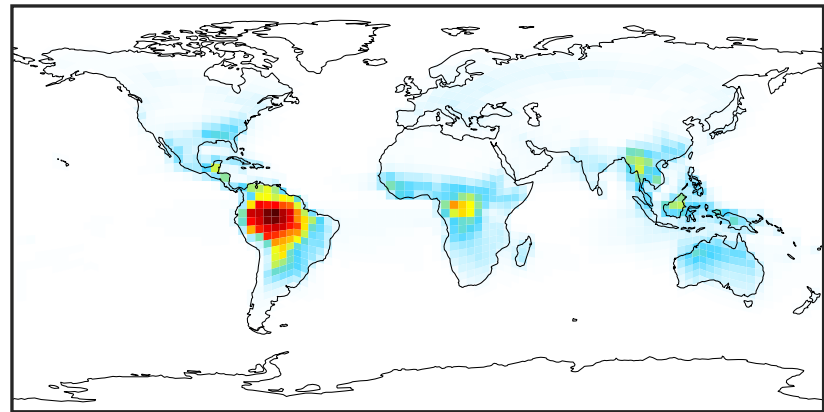
SpeciesConcVV_TSOG2 (Oct2019)

14.2.0-rc.2 (Ref)
c24



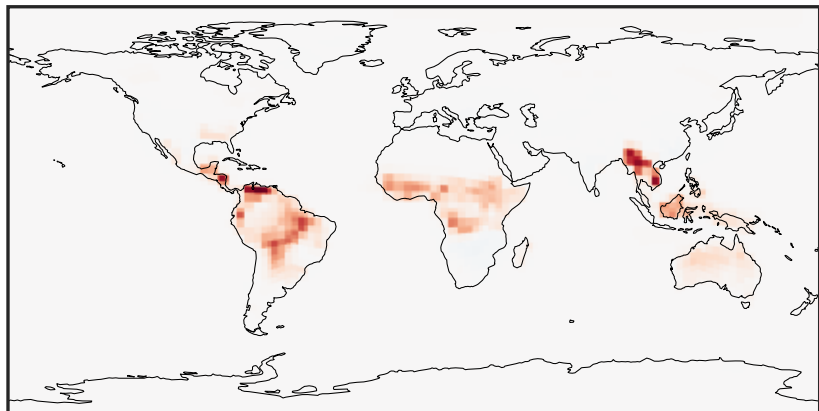
0.000 0.984 1.969 2.953 3.938
 $\mu\text{g}/\text{m}^3$

14.3.0-rc.0 (Dev)
c24



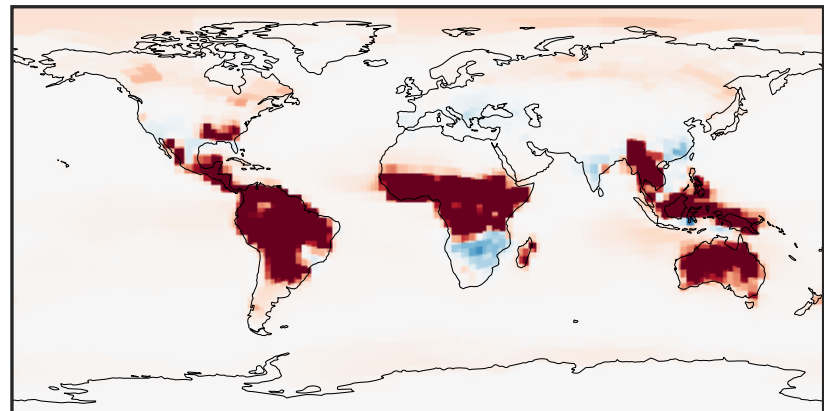
0.000 0.984 1.969 2.953 3.938
 $\mu\text{g}/\text{m}^3$

Difference (1x1.25)
Dev - Ref, Dynamic Range



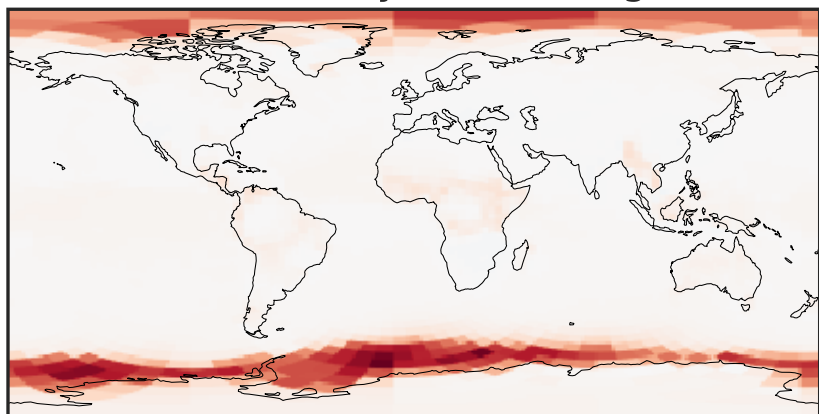
-0.1976 -0.0988 0.0000 0.0988 0.1976
 $\mu\text{g}/\text{m}^3$

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



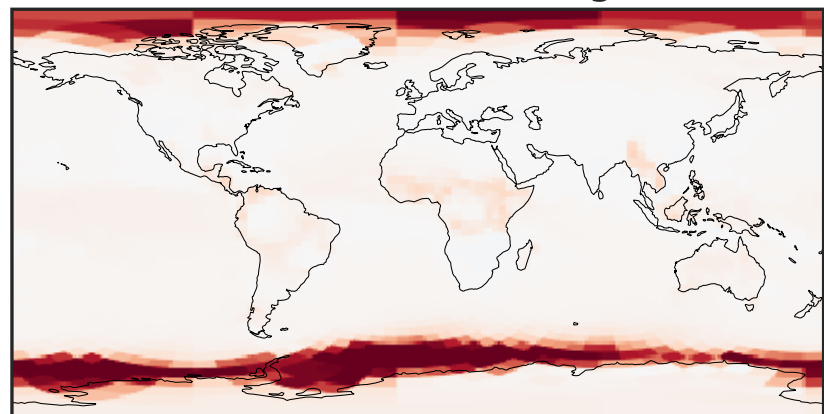
-0.006 0.000 0.006
 $\mu\text{g}/\text{m}^3$

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.360 0.680 1.000 1.888 2.776
unitless

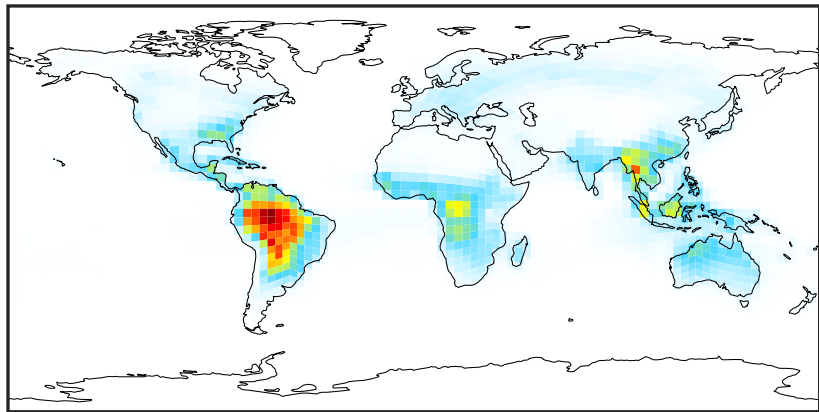
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

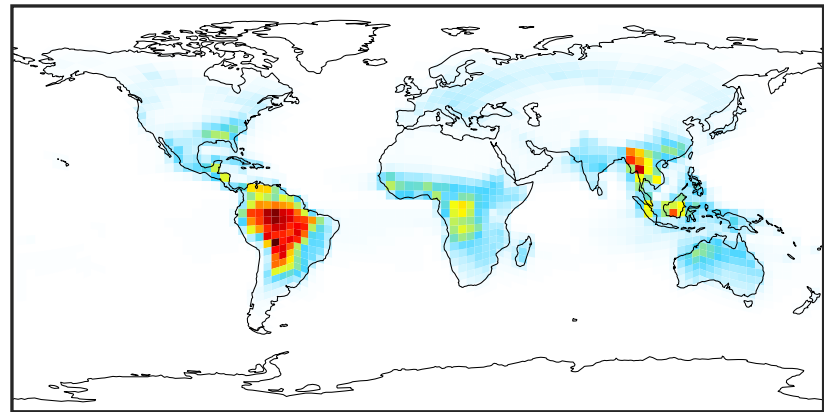
SpeciesConcVV_TSOG3 (Oct2019)

14.2.0-rc.2 (Ref)
c24



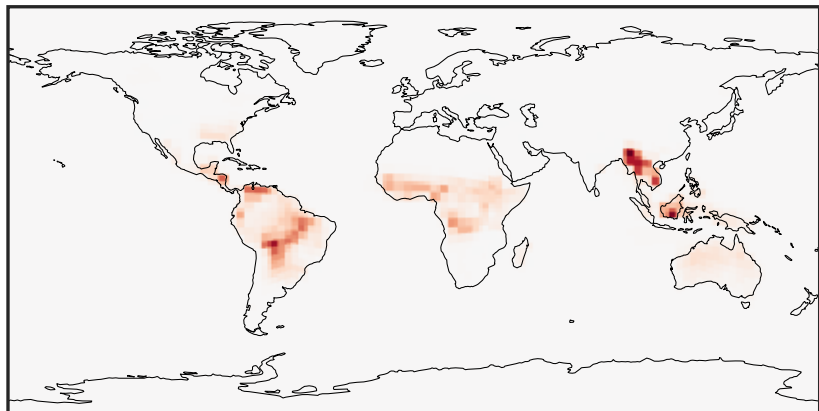
0.000 1.855 3.710 5.564 7.419
 $\mu\text{g}/\text{m}^3$

14.3.0-rc.0 (Dev)
c24



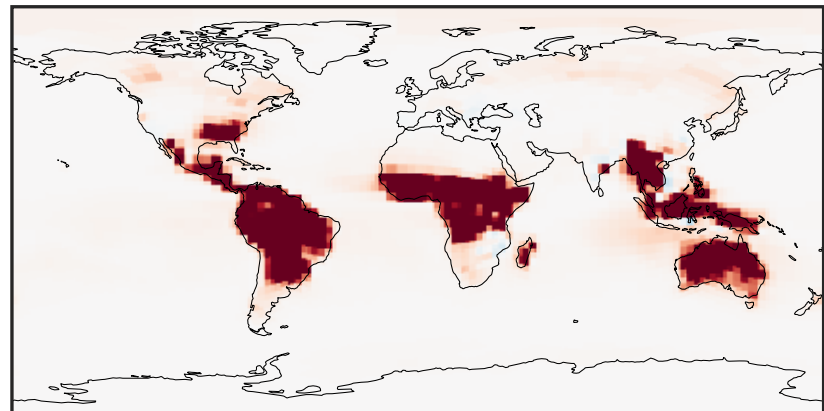
0.000 1.855 3.710 5.564 7.419
 $\mu\text{g}/\text{m}^3$

Difference (1x1.25)
Dev - Ref, Dynamic Range



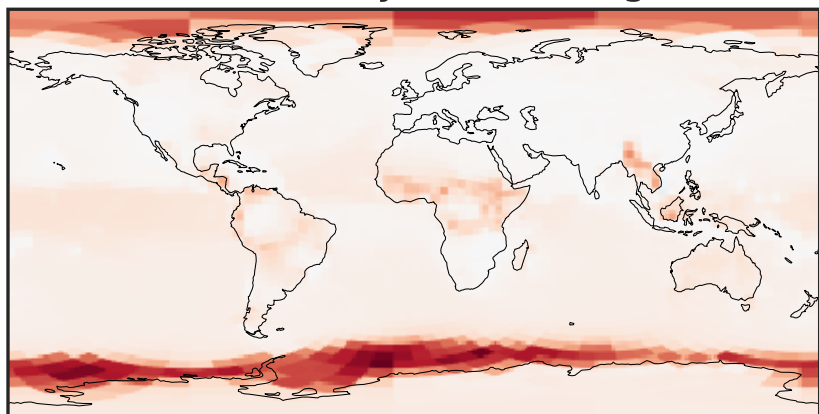
-1.806 -0.903 0.000 0.903 1.806
 $\mu\text{g}/\text{m}^3$

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



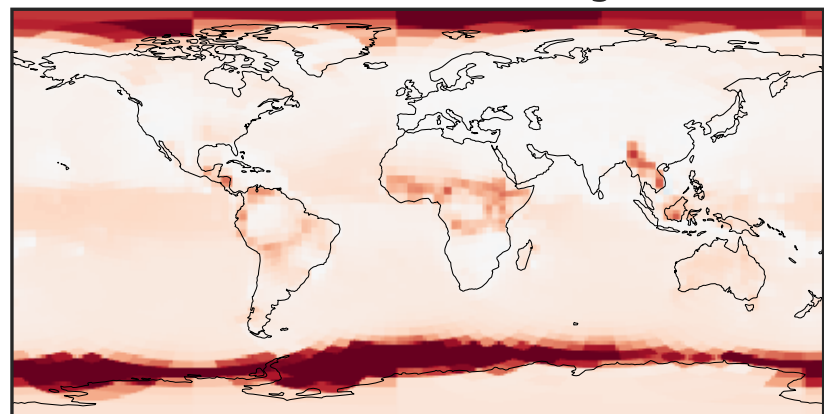
-0.0870 -0.0435 0.0000 0.0435 0.0870
 $\mu\text{g}/\text{m}^3$

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.341 0.670 1.000 1.967 2.935
unitless

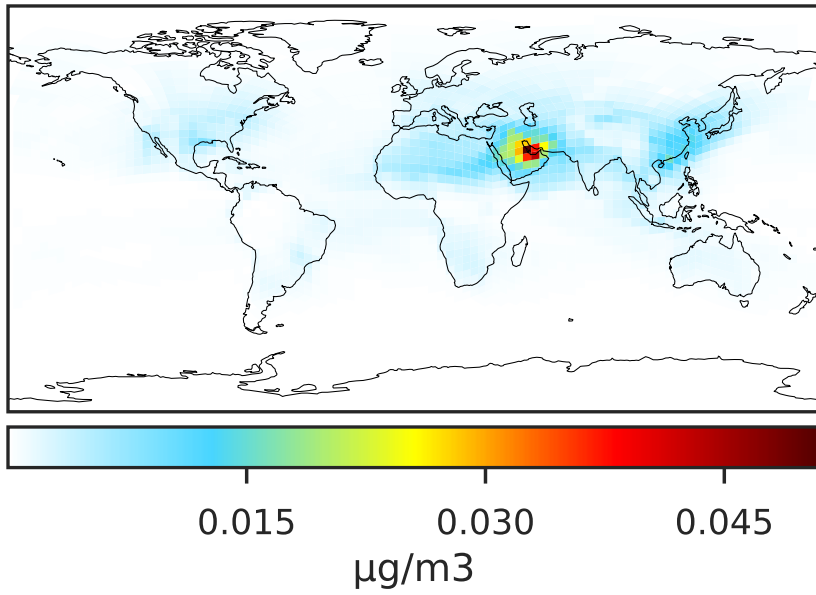
Ratio (1x1.25)
Dev/Ref, Fixed Range



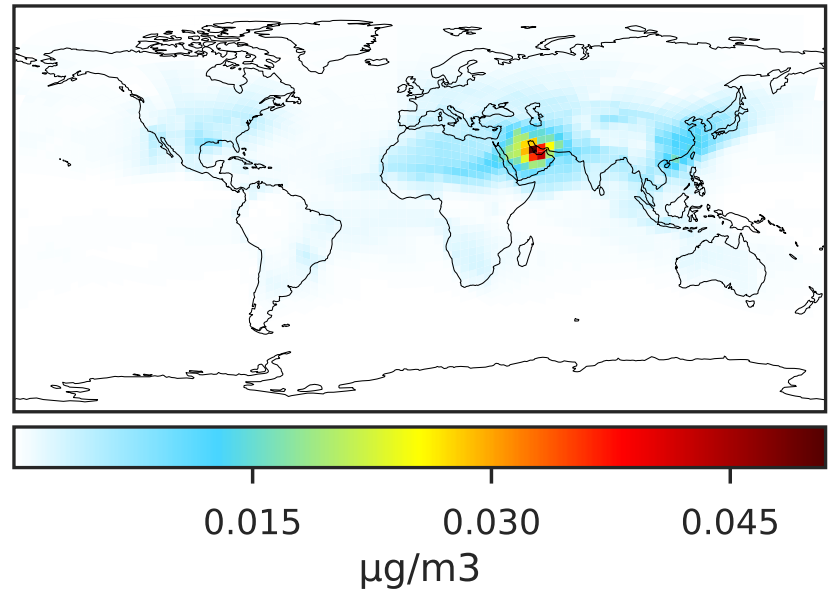
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_ASOG1 (Oct2019)

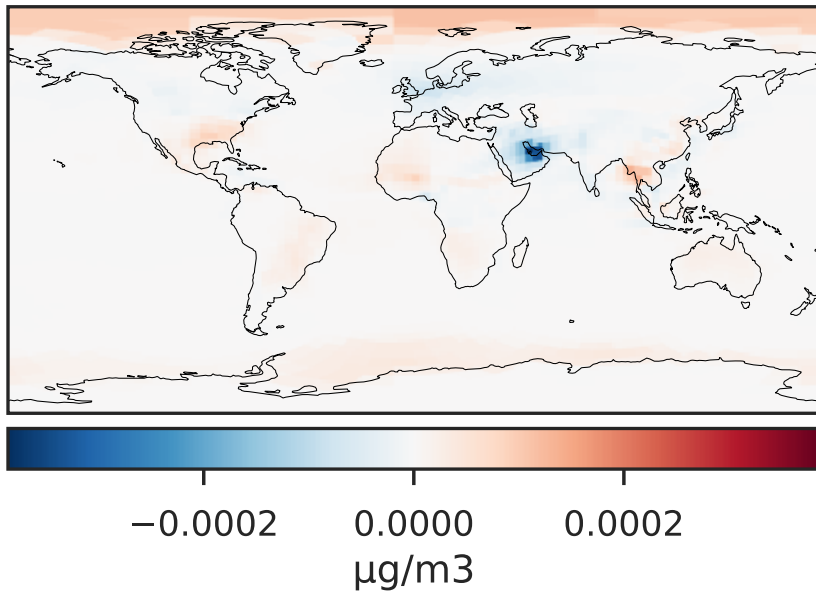
14.2.0-rc.2 (Ref)
c24



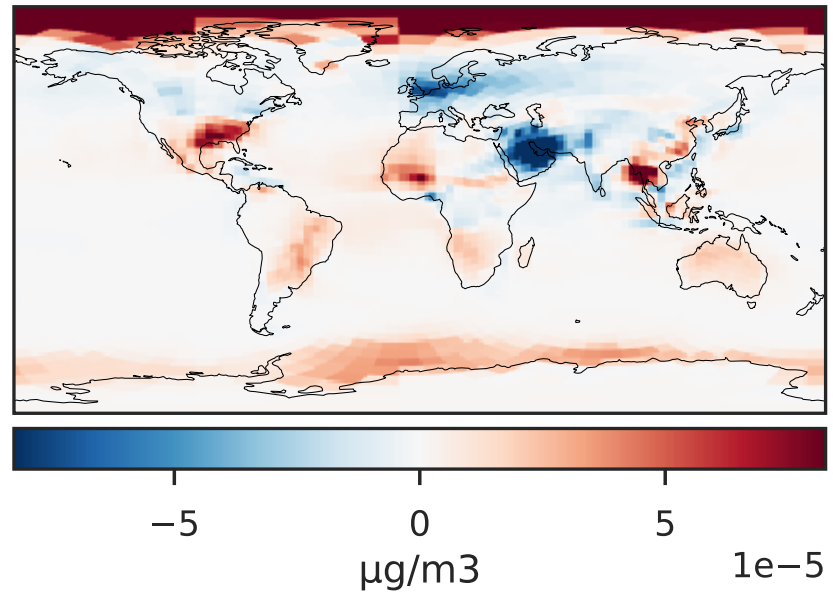
14.3.0-rc.0 (Dev)
c24



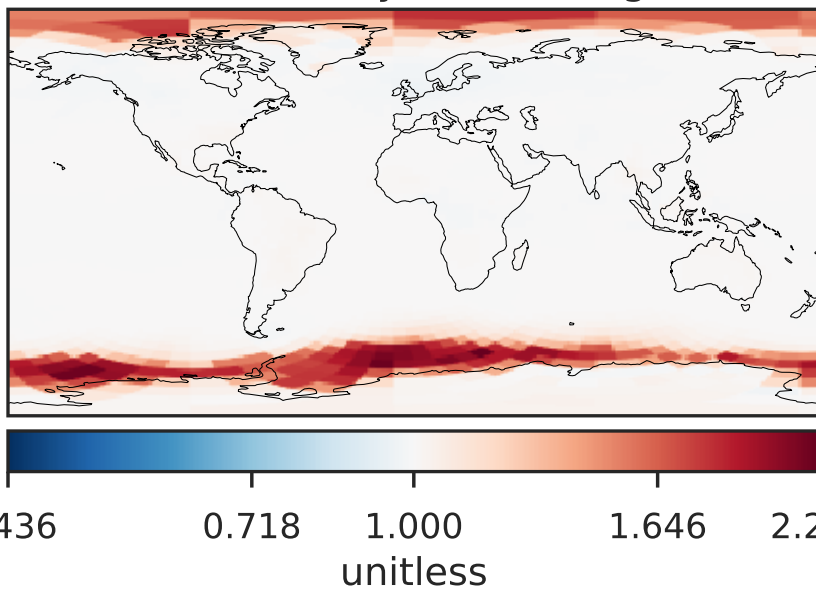
Difference (1x1.25)
Dev - Ref, Dynamic Range



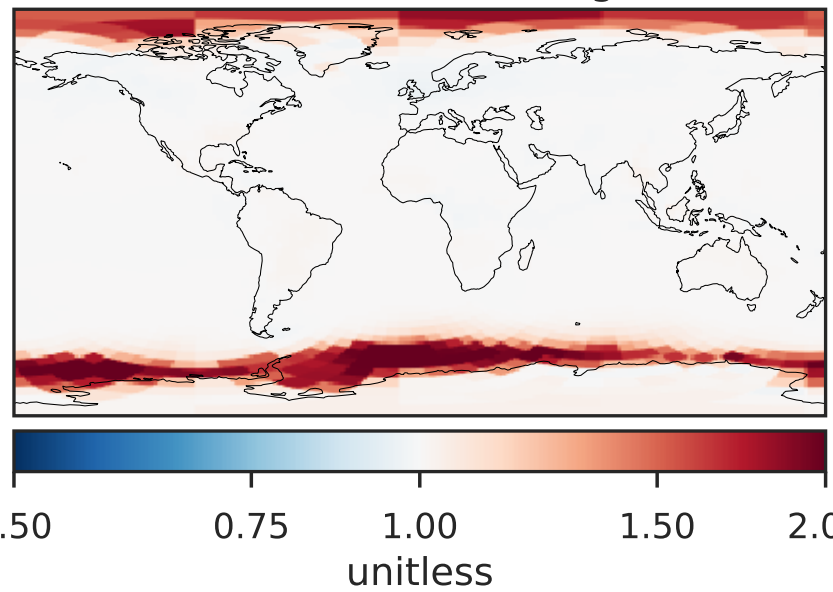
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

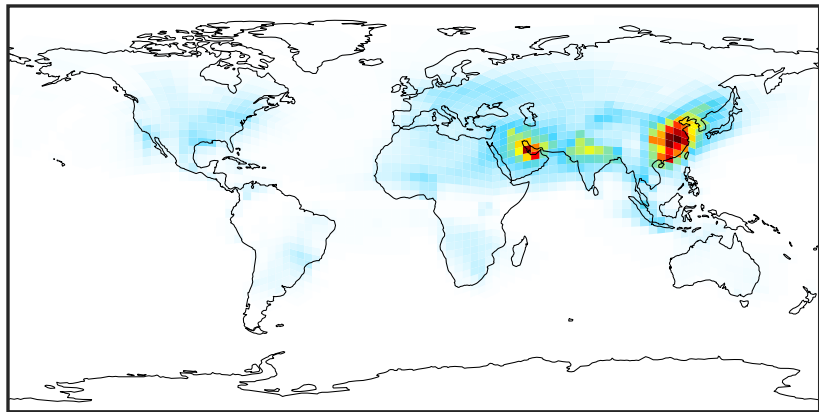


Ratio (1x1.25)
Dev/Ref, Fixed Range



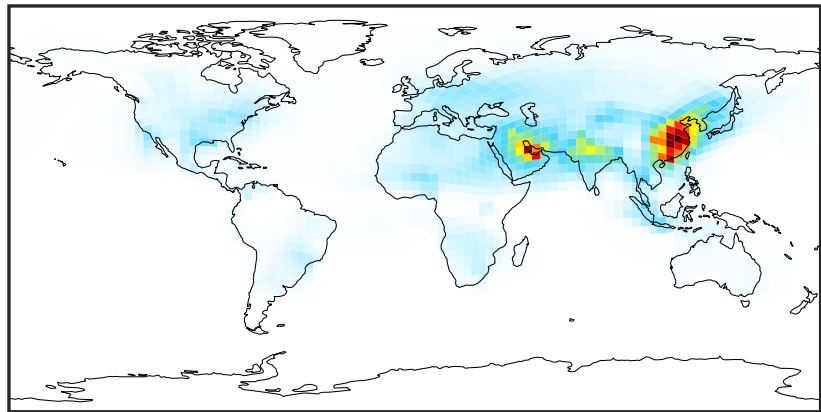
SpeciesConcVV_ASOG2 (Oct2019)

14.2.0-rc.2 (Ref)
c24



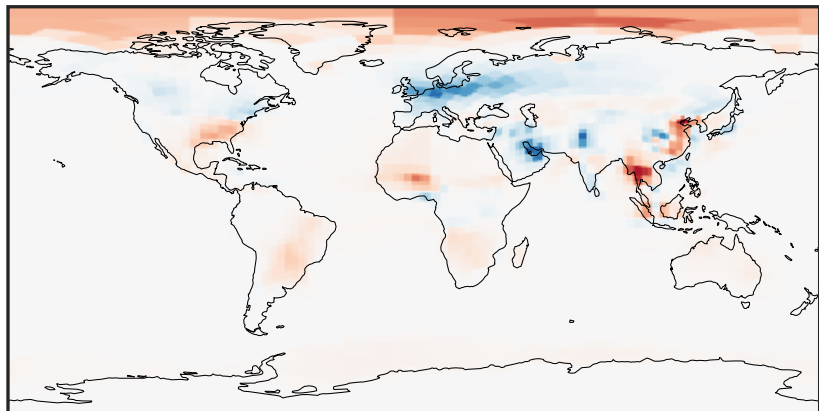
0.0000 0.0254 0.0508 0.0762 0.1017
 $\mu\text{g}/\text{m}^3$

14.3.0-rc.0 (Dev)
c24



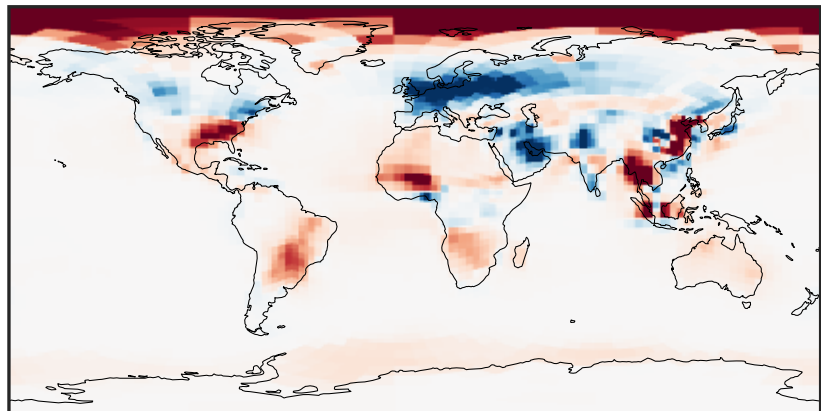
0.0000 0.0254 0.0508 0.0762 0.1017
 $\mu\text{g}/\text{m}^3$

Difference (1x1.25)
Dev - Ref, Dynamic Range



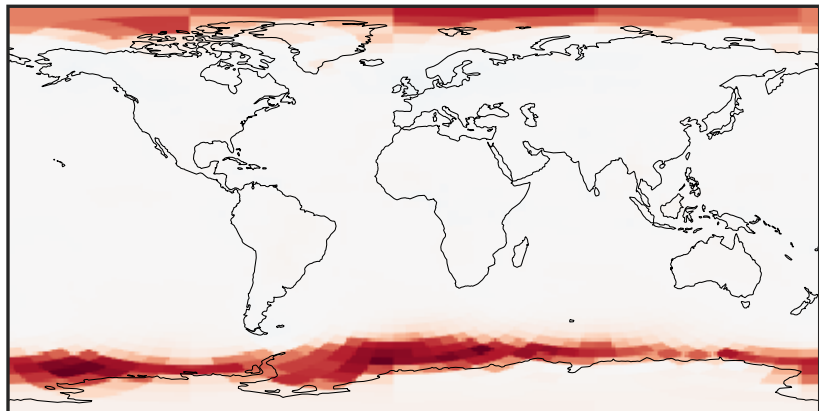
-0.00025 0.00000 0.00025
 $\mu\text{g}/\text{m}^3$

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



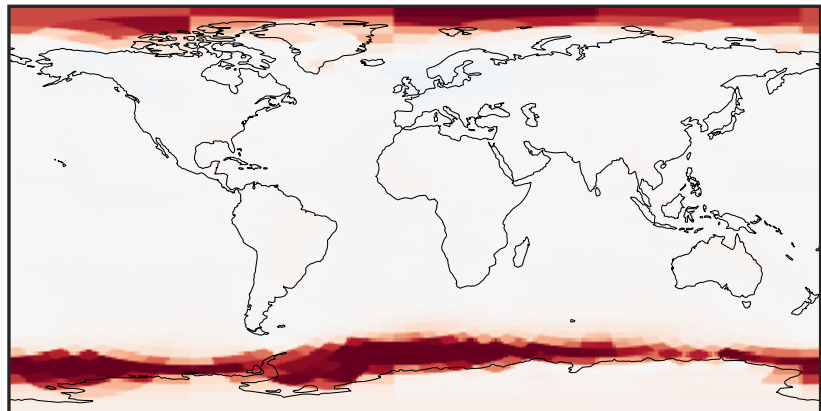
-8 0 8
 $\mu\text{g}/\text{m}^3$ $1\text{e}-5$

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.404 0.702 1.000 1.738 2.477
unitless

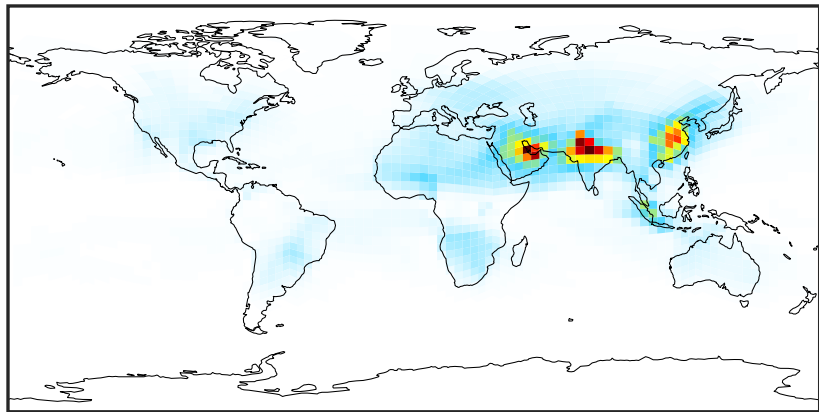
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

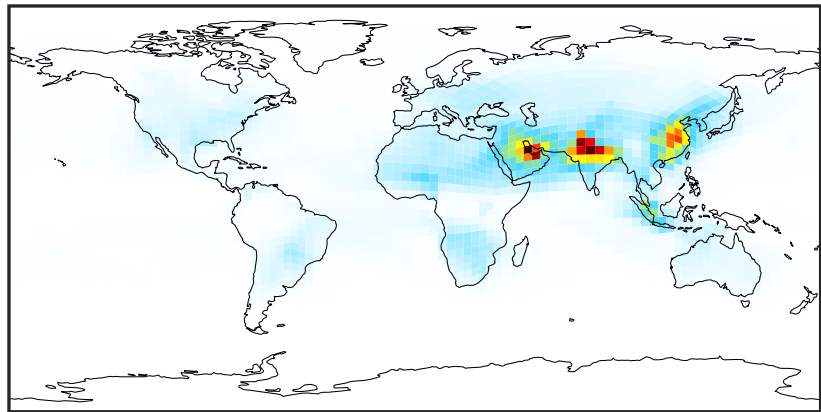
SpeciesConcVV_ASOG3 (Oct2019)

14.2.0-rc.2 (Ref)
c24



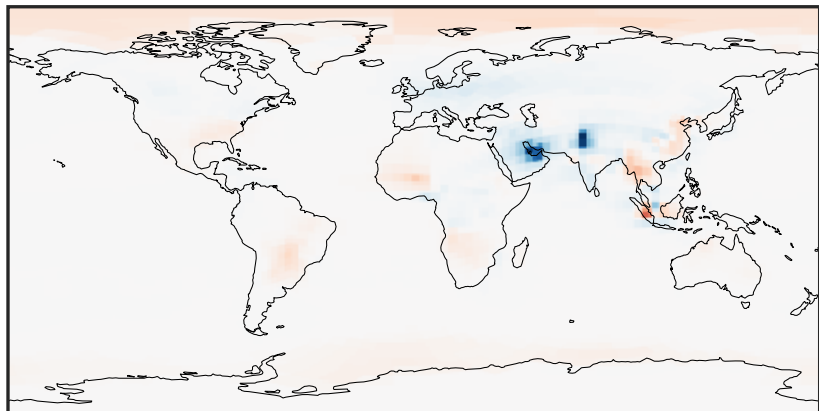
0.0001 0.1574 0.3148 0.4722 0.6296
 $\mu\text{g}/\text{m}^3$

14.3.0-rc.0 (Dev)
c24



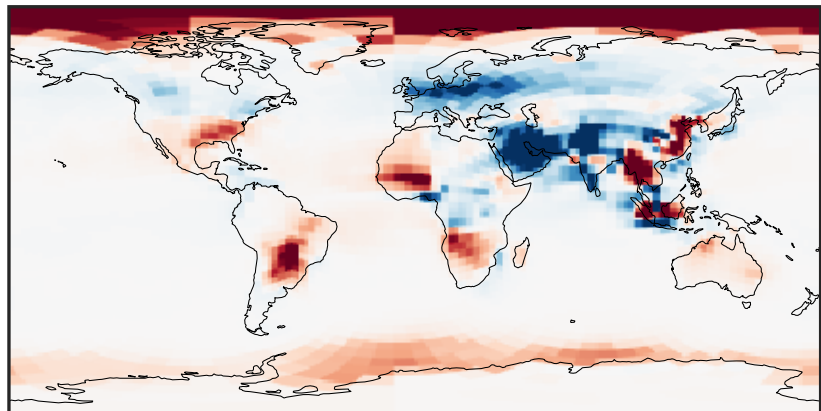
0.0001 0.1574 0.3148 0.4722 0.6296
 $\mu\text{g}/\text{m}^3$

Difference (1x1.25)
Dev - Ref, Dynamic Range



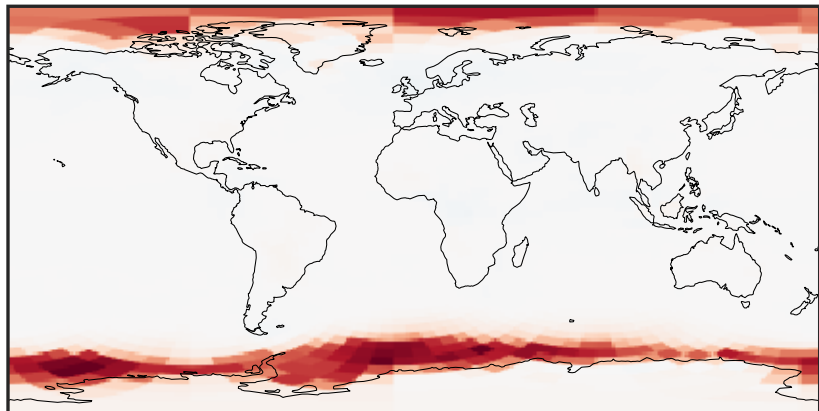
-0.004 0.000 0.004
 $\mu\text{g}/\text{m}^3$

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



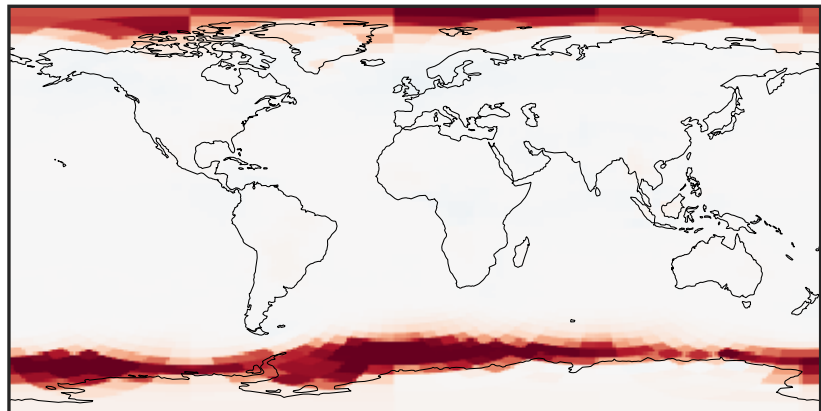
-0.0005 0.0000 0.0005
 $\mu\text{g}/\text{m}^3$

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.425 0.712 1.000 1.677 2.354
unitless

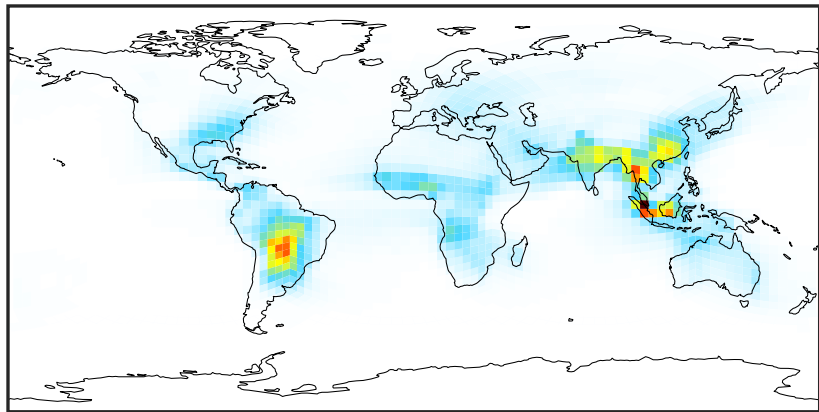
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

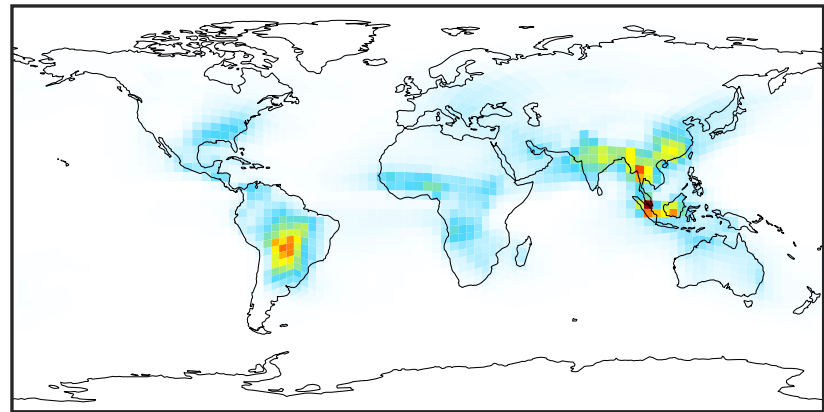
SpeciesConcVV_INDIOLO (Oct2019)

14.2.0-rc.2 (Ref)
c24



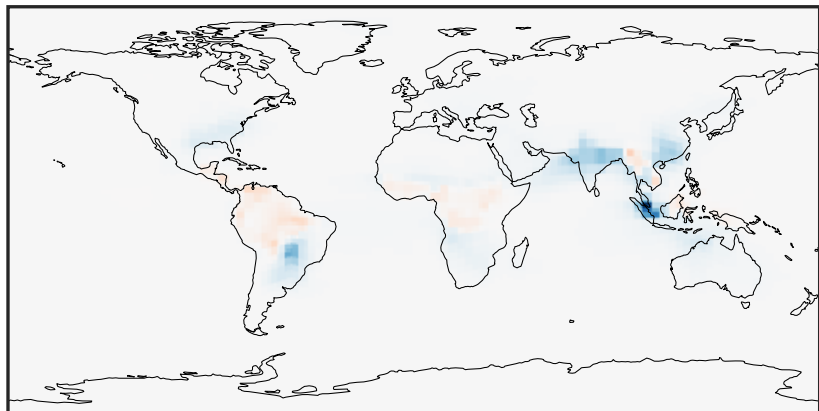
0.002 2.446 4.889 7.333 9.776
 $\mu\text{g}/\text{m}^3$

14.3.0-rc.0 (Dev)
c24



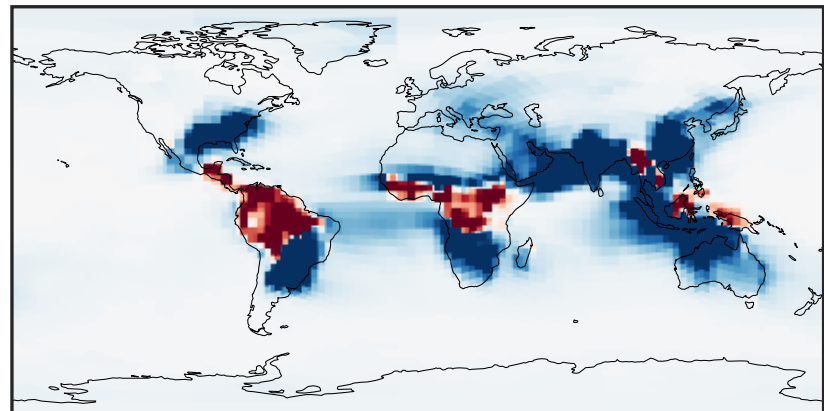
0.002 2.446 4.889 7.333 9.776
 $\mu\text{g}/\text{m}^3$

Difference (1x1.25)
Dev - Ref, Dynamic Range



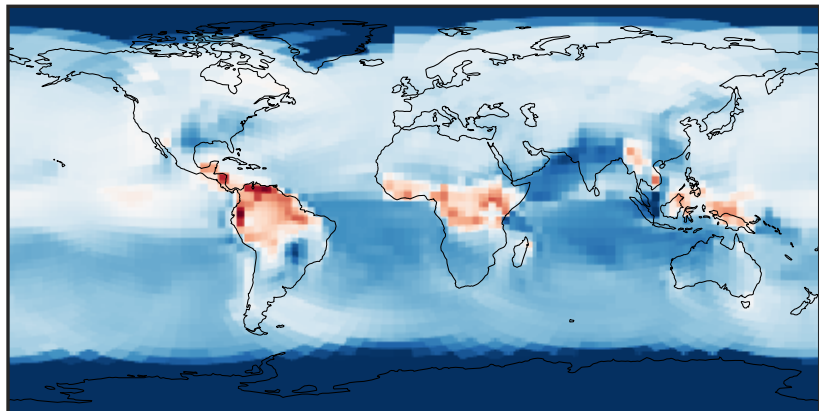
-0.782 -0.391 0.000 0.391 0.782
 $\mu\text{g}/\text{m}^3$

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



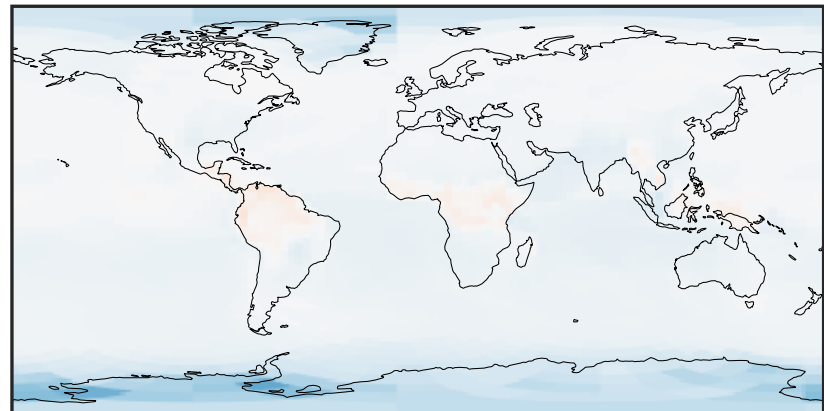
-0.015 0.000 0.015
 $\mu\text{g}/\text{m}^3$

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.9154 0.9577 1.0000 1.0462 1.0924
unitless

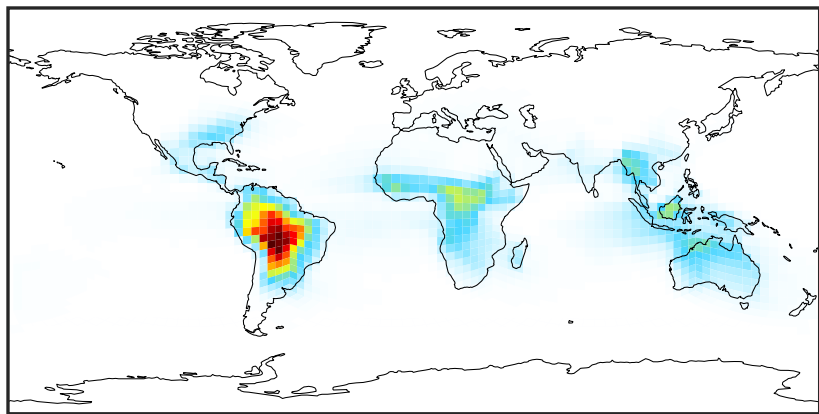
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

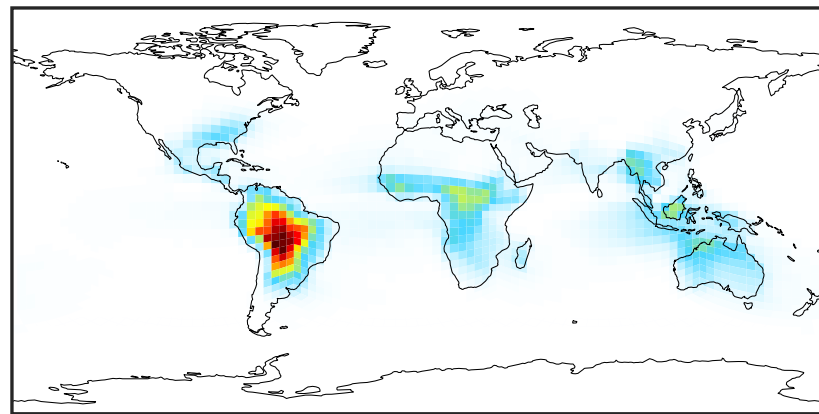
SpeciesConcVV_LVOCOA (Oct2019)

14.2.0-rc.2 (Ref)
c24



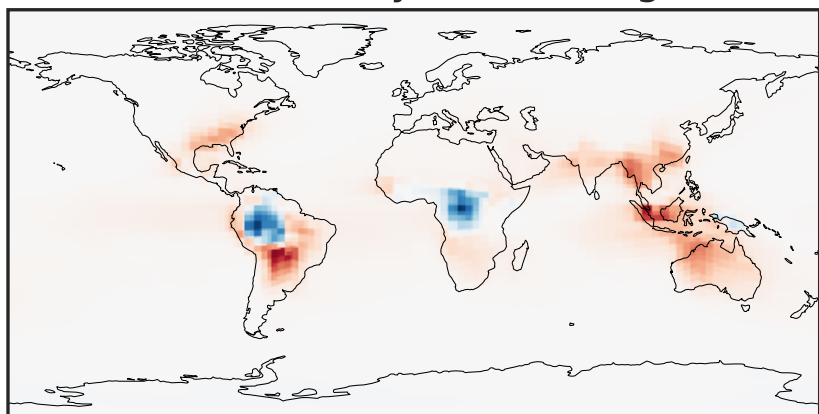
0.0000 0.0731 0.1461 0.2192 0.2922
 $\mu\text{g}/\text{m}^3$

14.3.0-rc.0 (Dev)
c24



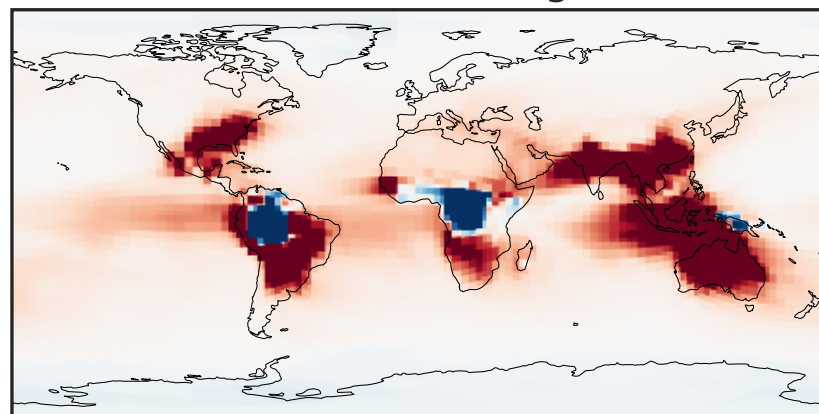
0.0000 0.0731 0.1461 0.2192 0.2922
 $\mu\text{g}/\text{m}^3$

Difference (1x1.25)
Dev - Ref, Dynamic Range



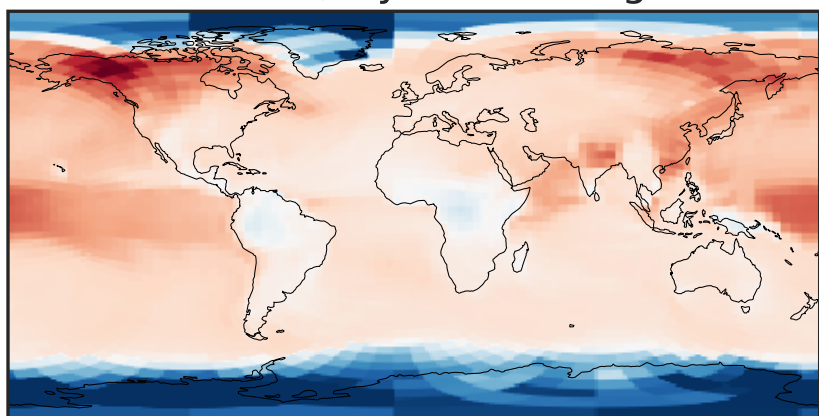
-0.0015 0.0000 0.0015
 $\mu\text{g}/\text{m}^3$

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



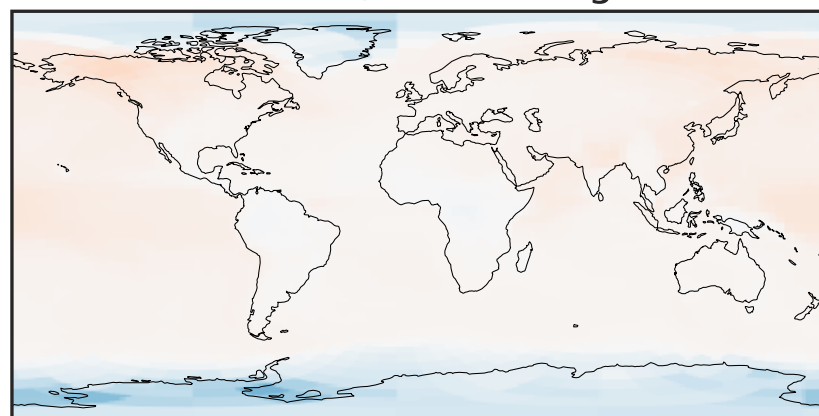
-0.0002 0.0000 0.0002
 $\mu\text{g}/\text{m}^3$

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.8760 0.9380 1.0000 1.0708 1.1416
unitless

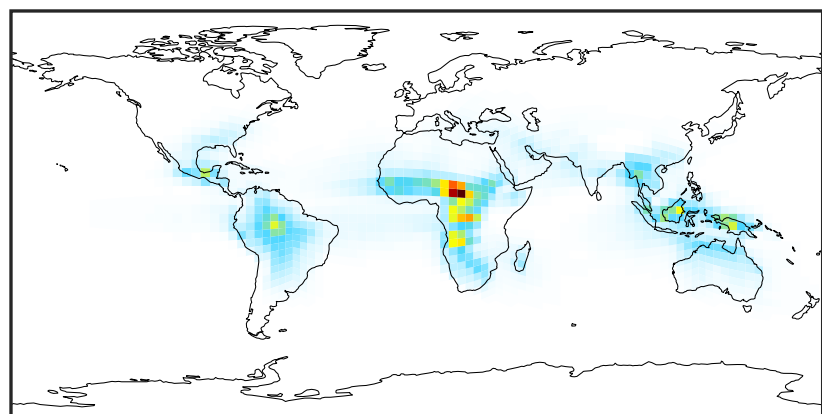
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

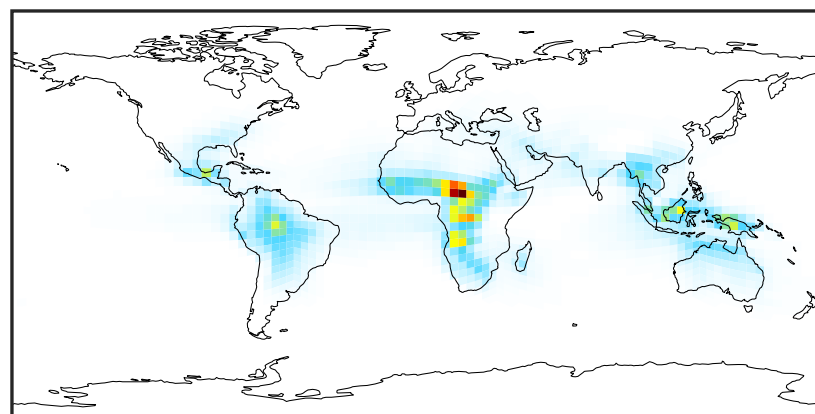
SpeciesConcVV_SOAIE (Oct2019)

14.2.0-rc.2 (Ref)
c24



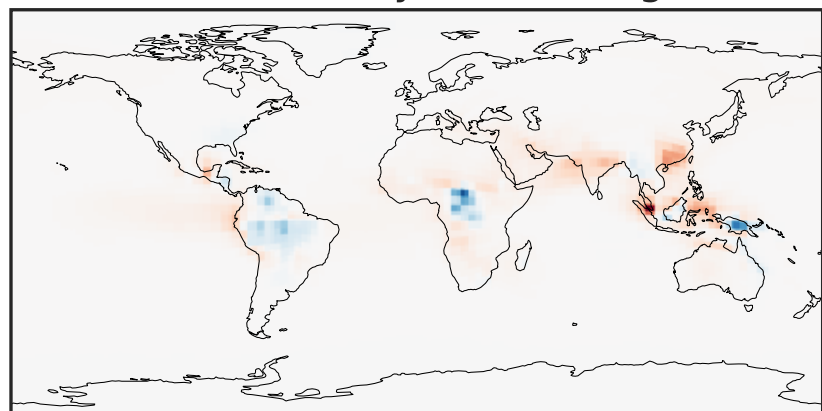
0.000 1.040 2.079 3.119 4.158
µg/m3

14.3.0-rc.0 (Dev)
c24



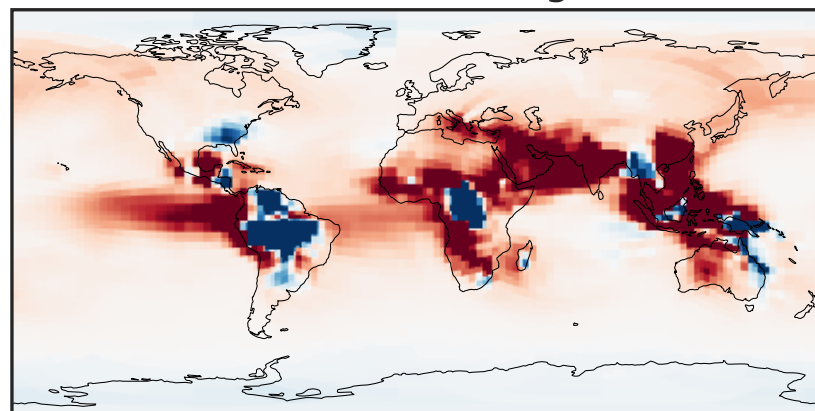
0.000 1.040 2.079 3.119 4.158
µg/m3

Difference (1x1.25)
Dev - Ref, Dynamic Range



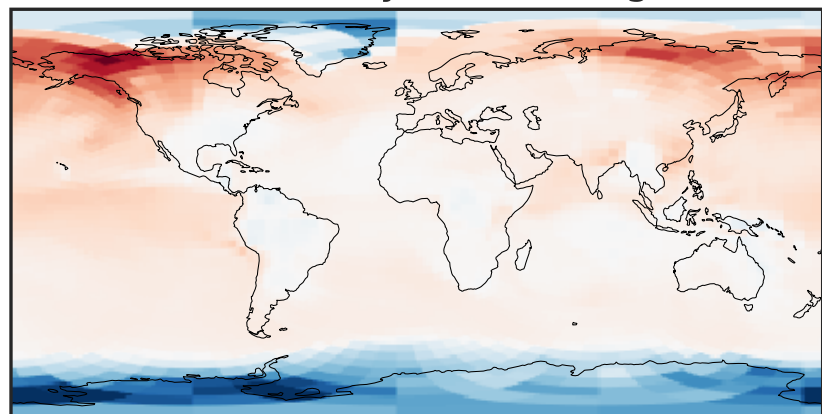
-0.02 0.00 0.02
µg/m3

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



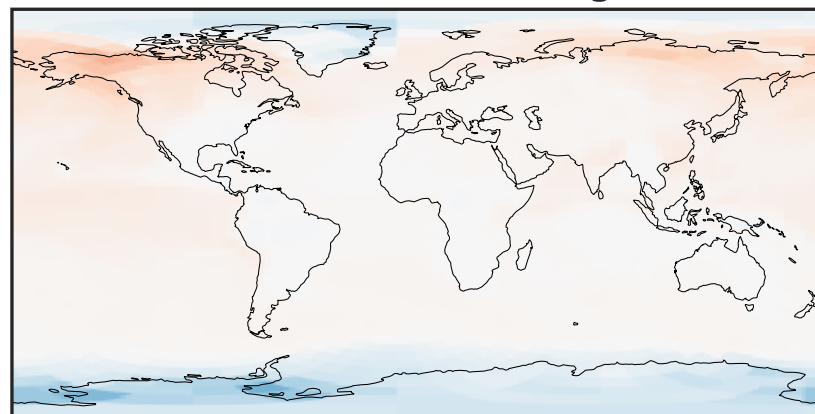
-0.001 0.000 0.001
µg/m3

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.7869 0.8935 1.0000 1.1354 1.2708
unitless

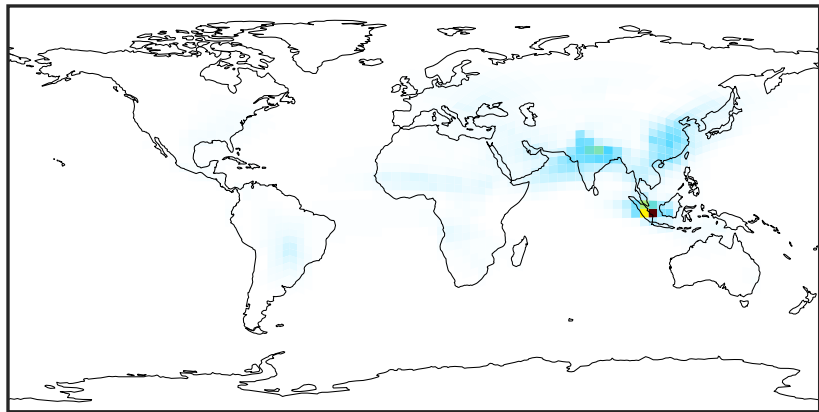
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

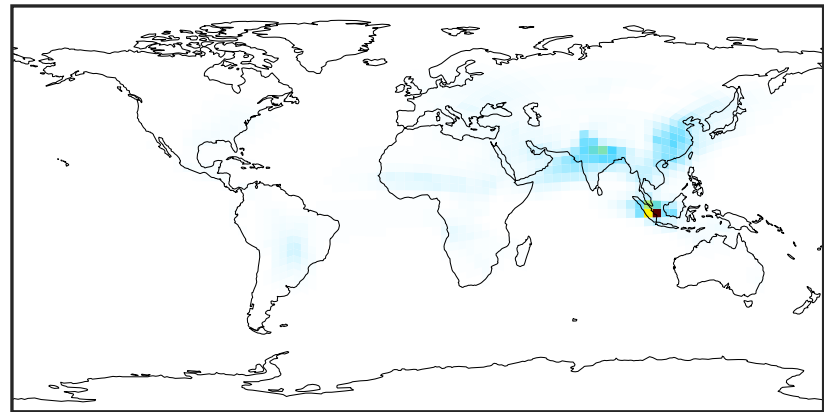
SpeciesConcVV_SOAGX (Oct2019)

14.2.0-rc.2 (Ref)
c24



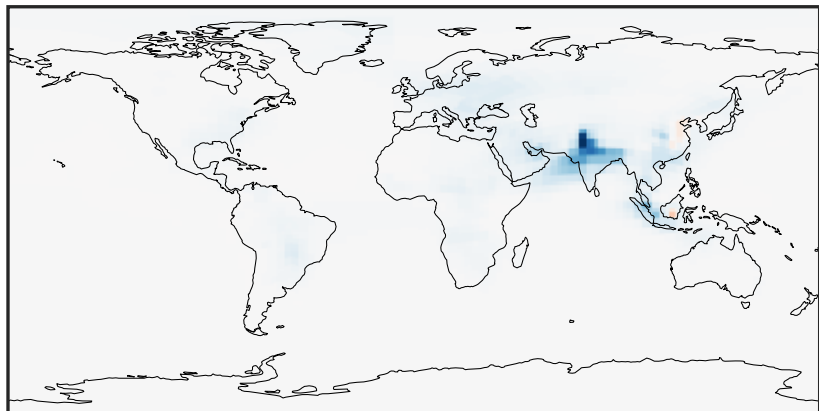
0.000 1.179 2.358 3.537 4.716
µg/m3

14.3.0-rc.0 (Dev)
c24



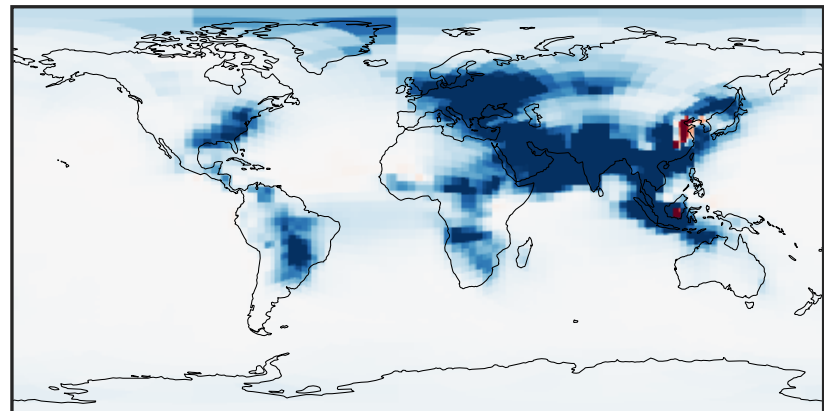
0.000 1.179 2.358 3.537 4.716
µg/m3

Difference (1x1.25)
Dev - Ref, Dynamic Range



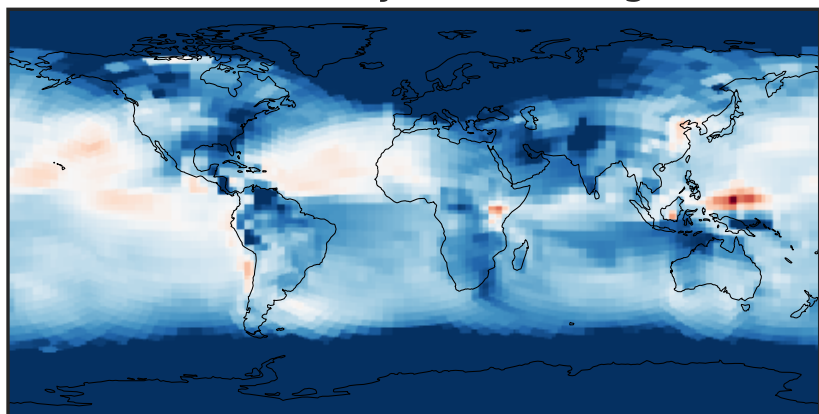
-0.01 0.00 0.01
µg/m3

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



-0.0005 0.0000 0.0005
µg/m3

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.98669 0.99335 1.00000 1.00674 1.01349
unitless

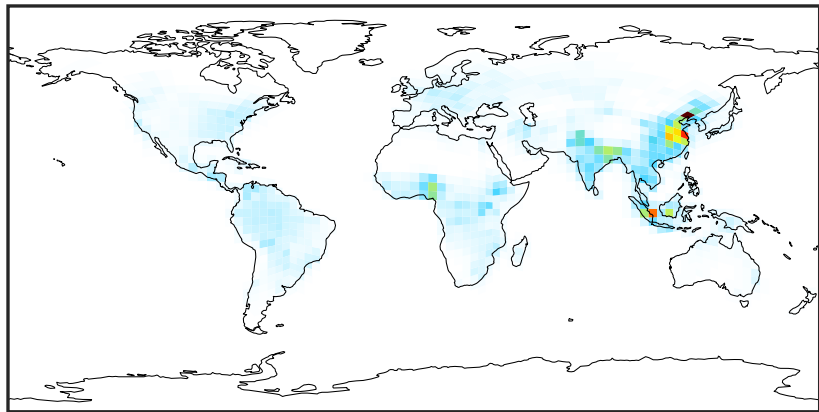
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

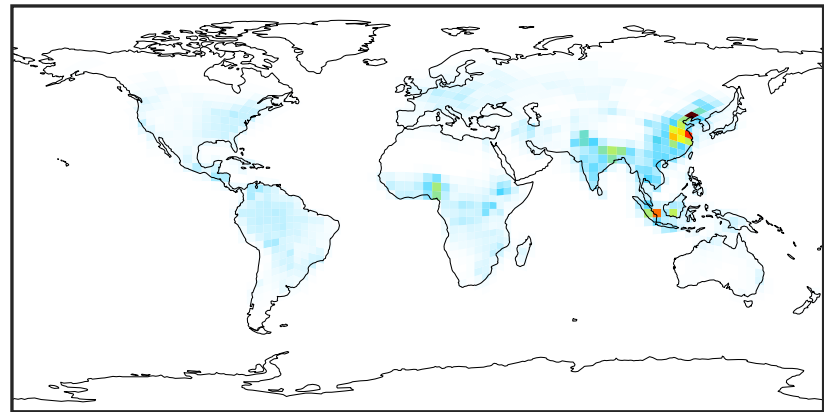
SpeciesConcVV_SOAP (Oct2019)

14.2.0-rc.2 (Ref)
c24



0.00 4.76 9.53 14.29 19.05
µg/m3

14.3.0-rc.0 (Dev)
c24



0.00 4.76 9.53 14.29 19.05
µg/m3

Difference (1x1.25)
Dev - Ref, Dynamic Range



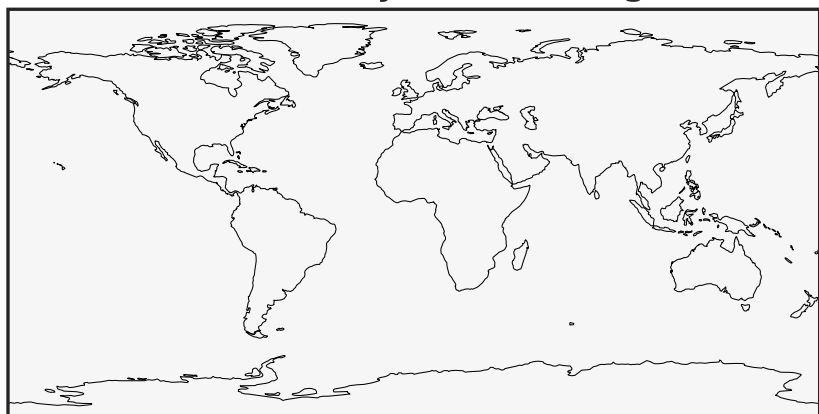
Zero throughout domain
µg/m3

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



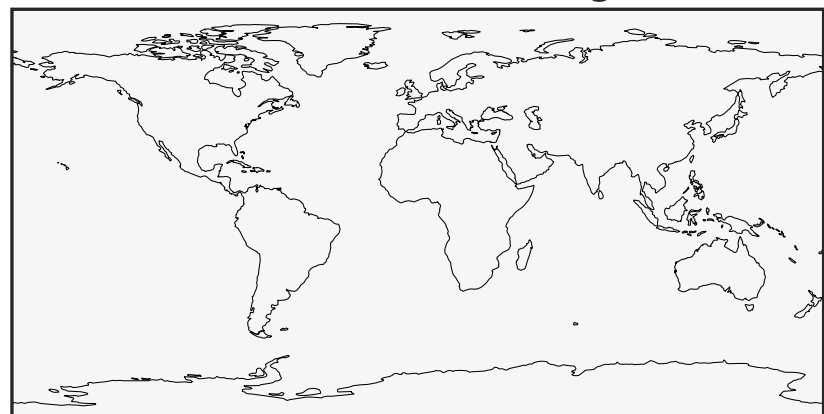
Zero throughout domain
µg/m3

Ratio (1x1.25)
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

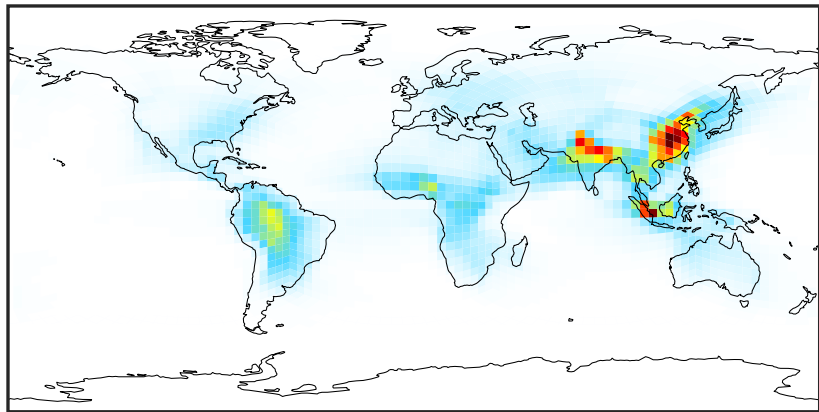
Ratio (1x1.25)
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless

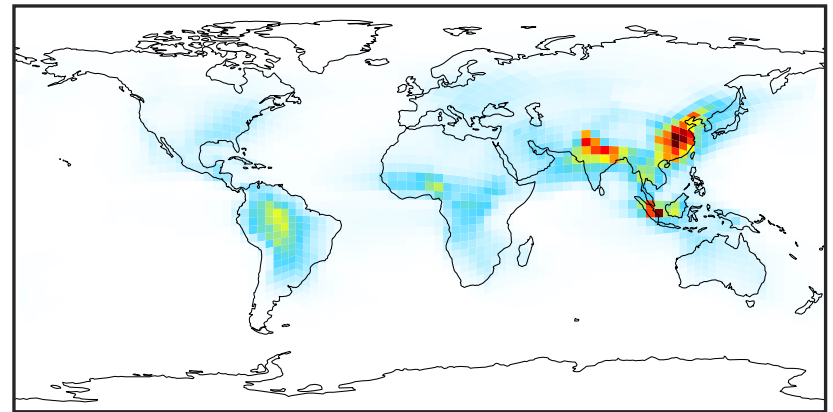
SpeciesConcVV_SOAS (Oct2019)

14.2.0-rc.2 (Ref)
c24



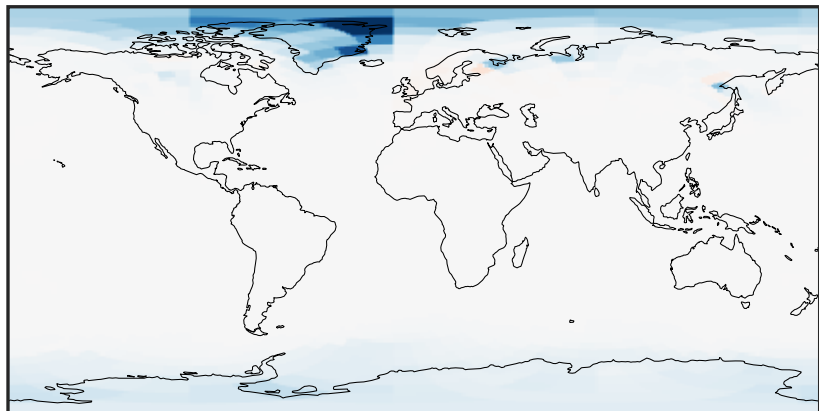
0.01 3.97 7.93 11.90 15.86
 $\mu\text{g}/\text{m}^3$

14.3.0-rc.0 (Dev)
c24



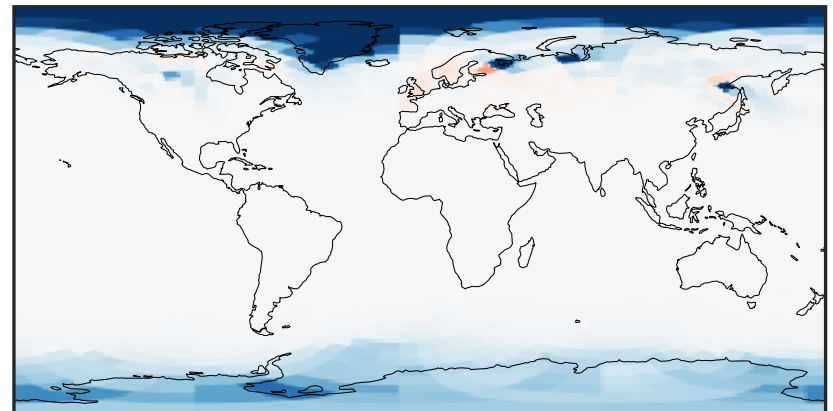
0.01 3.97 7.93 11.90 15.86
 $\mu\text{g}/\text{m}^3$

Difference (1x1.25)
Dev - Ref, Dynamic Range



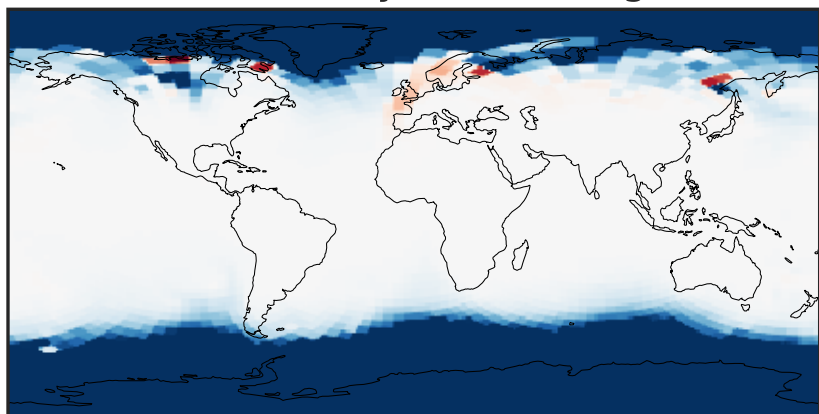
-0.006 0.000 0.006
 $\mu\text{g}/\text{m}^3$

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



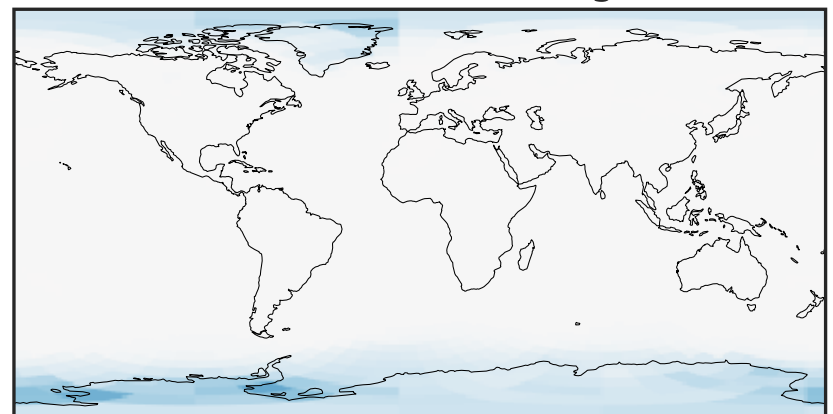
-0.002 0.000 0.002
 $\mu\text{g}/\text{m}^3$

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.996203 0.998101 1.000000 1.001906 1.003812
unitless

Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless