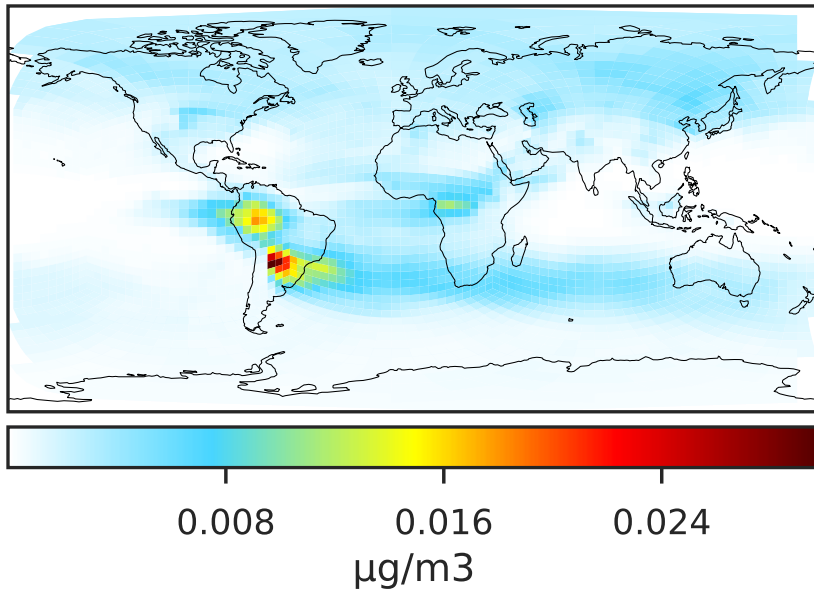
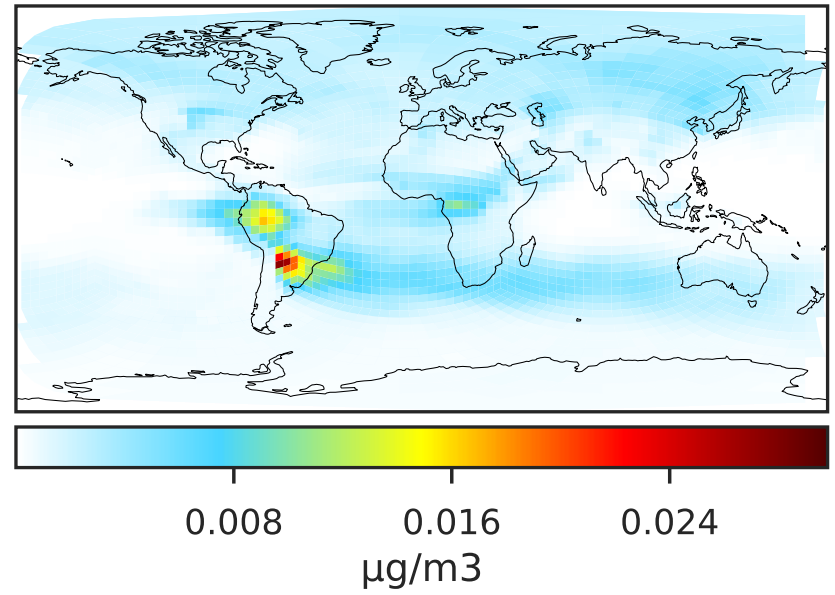


SpeciesConcVV_TSOA0 (Jul2019)

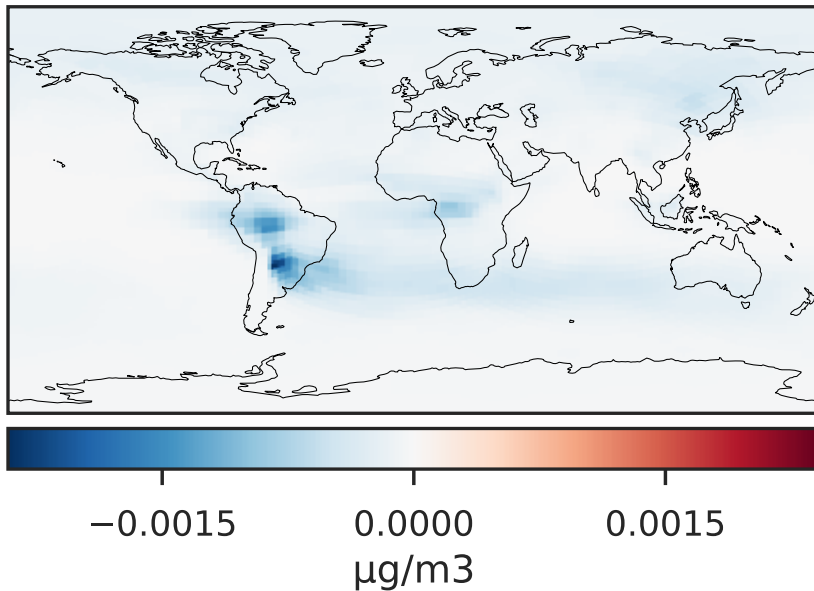
14.2.0-rc.2 (Ref)
c24



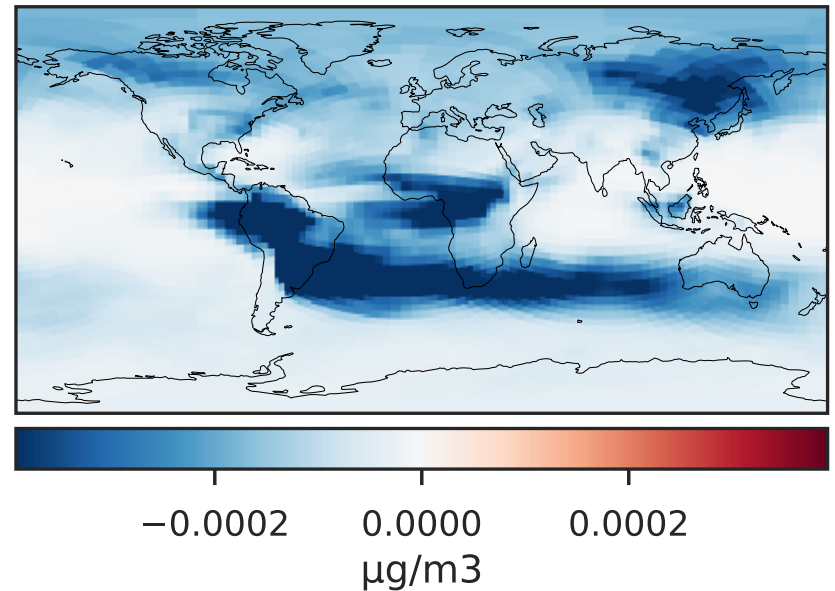
14.3.0-rc.0 (Dev)
c24



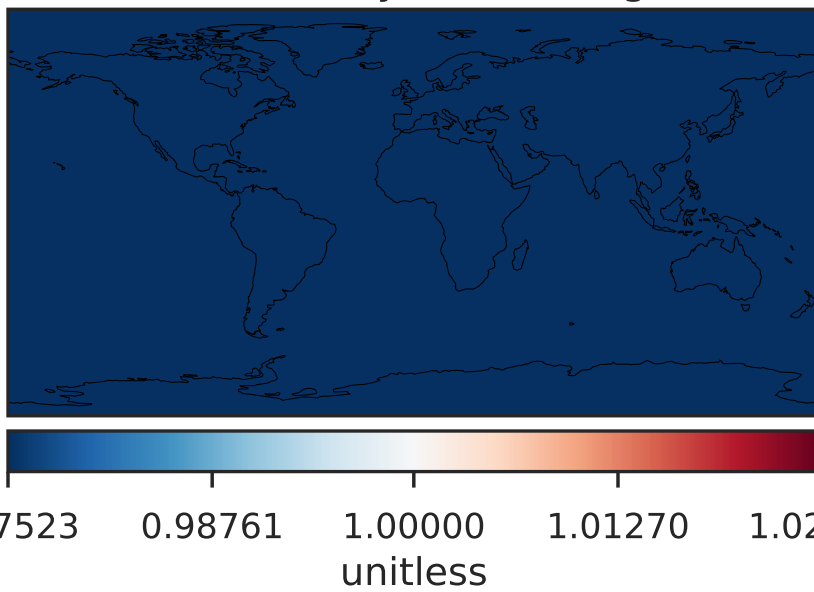
Difference (1x1.25)
Dev - Ref, Dynamic Range



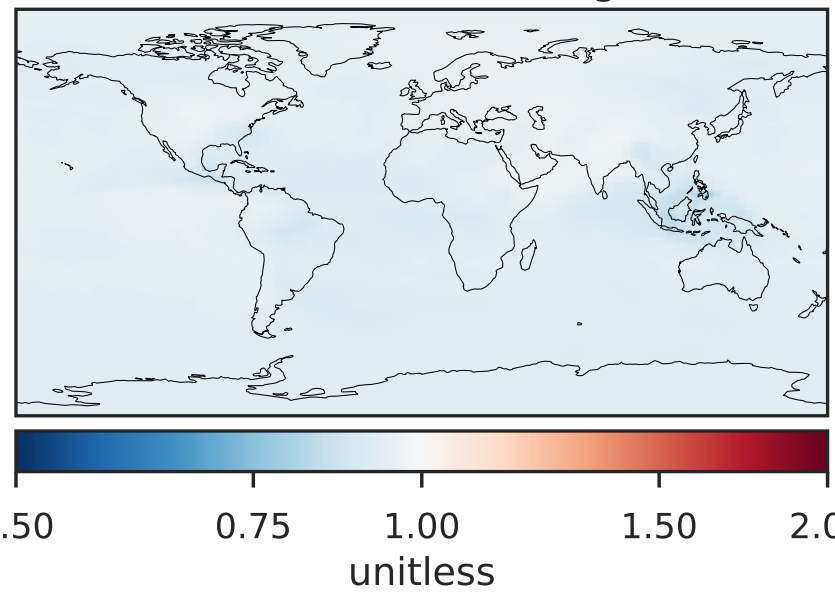
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

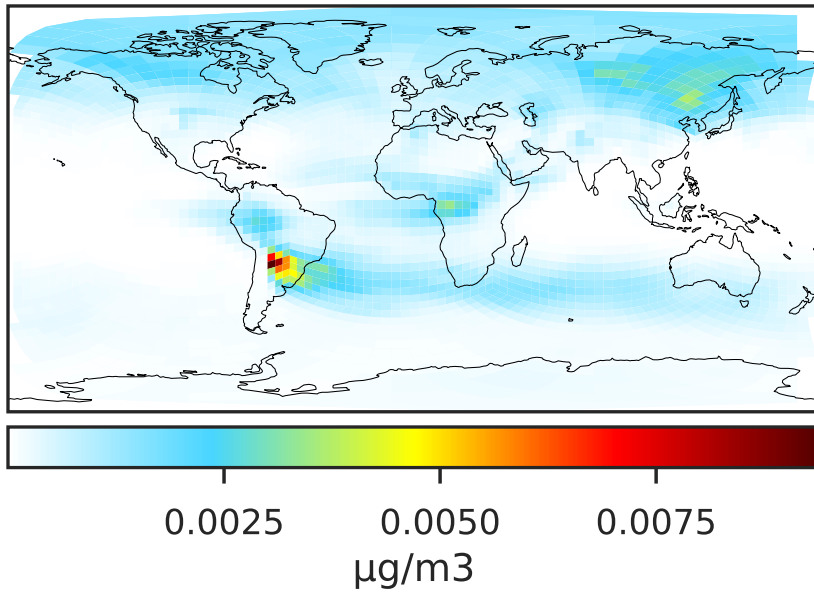


Ratio (1x1.25)
Dev/Ref, Fixed Range

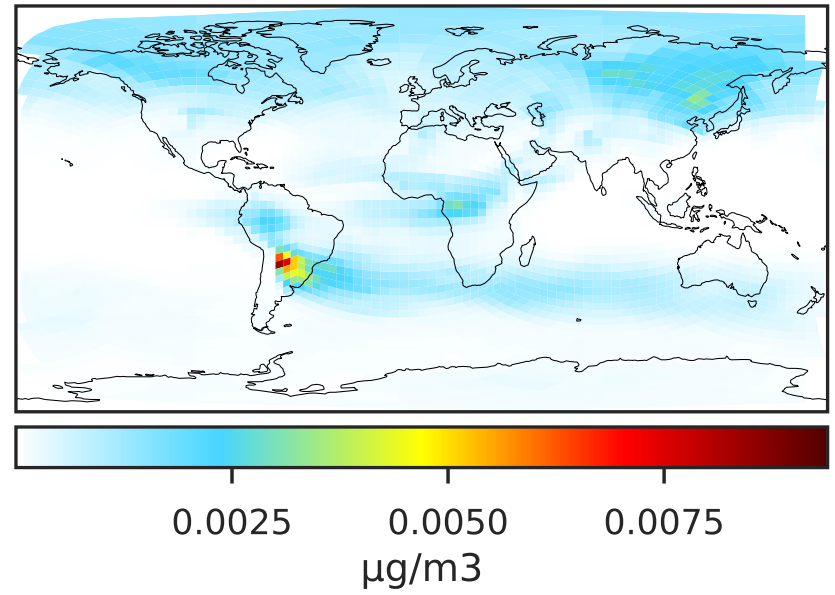


SpeciesConcVV_TSOA1 (Jul2019)

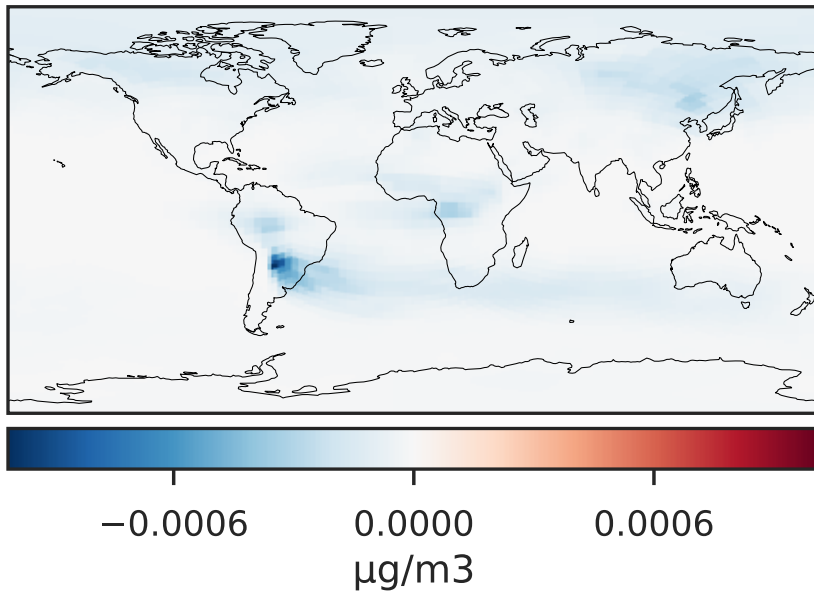
14.2.0-rc.2 (Ref)
c24



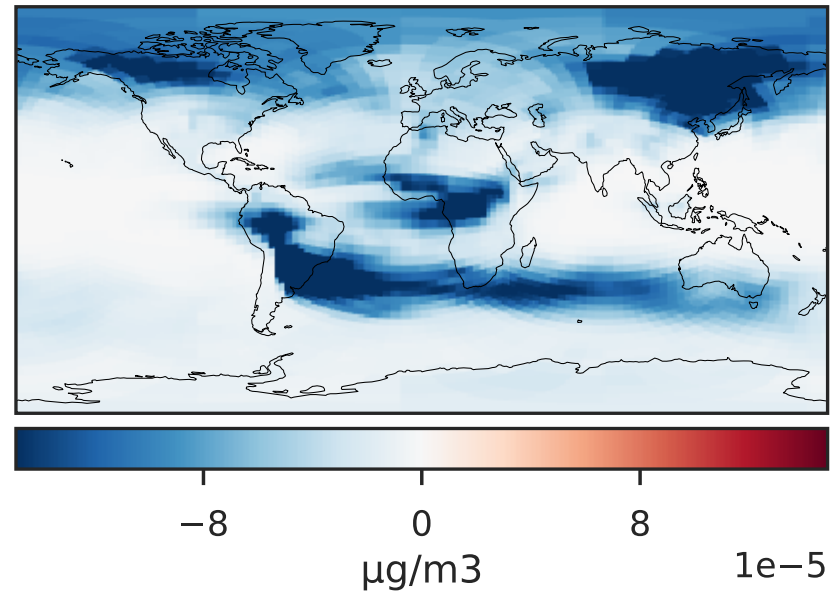
14.3.0-rc.0 (Dev)
c24



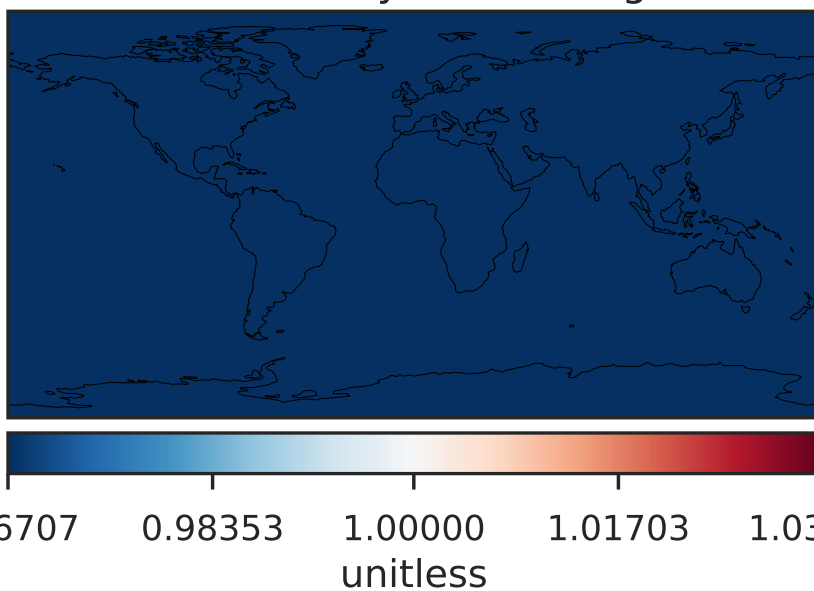
Difference (1x1.25)
Dev - Ref, Dynamic Range



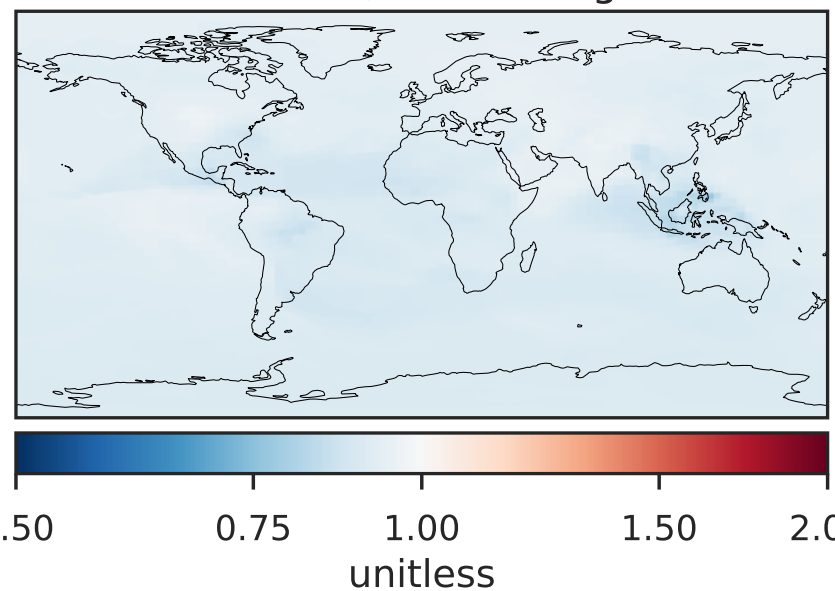
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

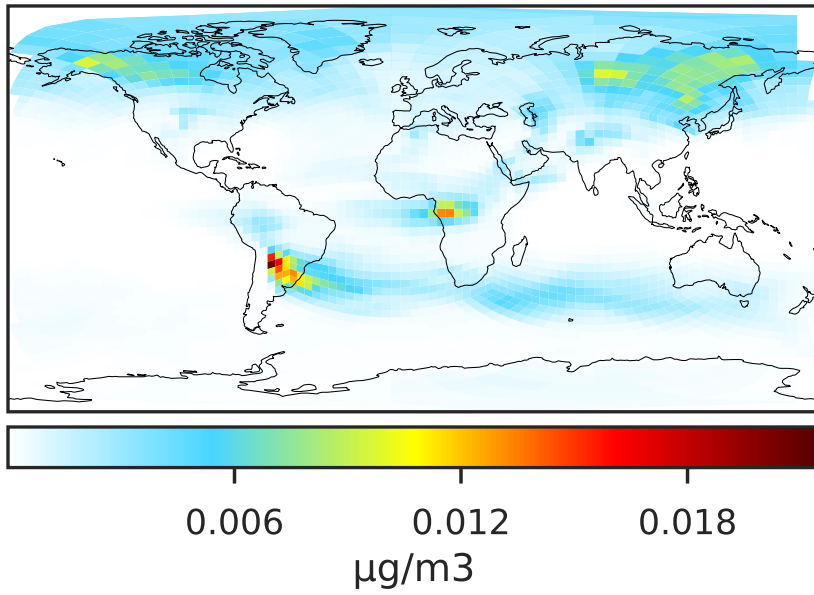


Ratio (1x1.25)
Dev/Ref, Fixed Range

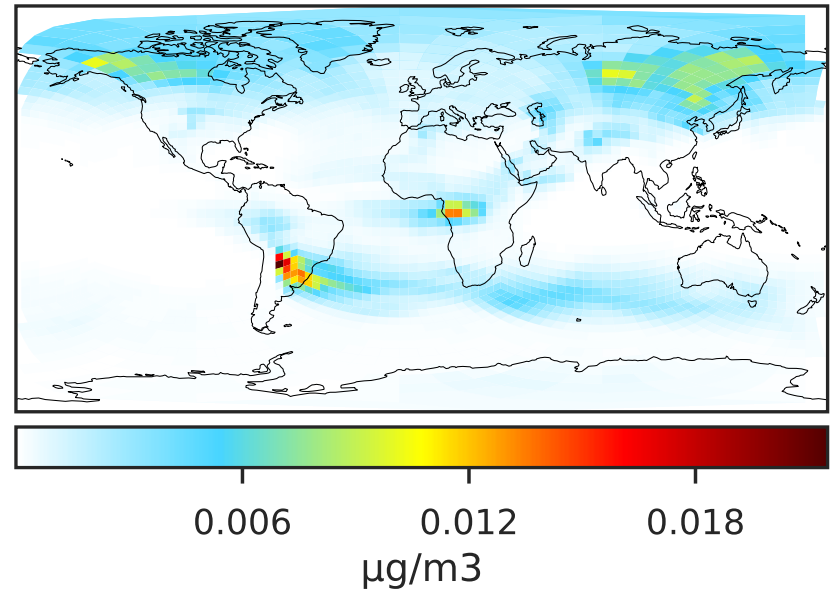


SpeciesConcVV_TSOA2 (Jul2019)

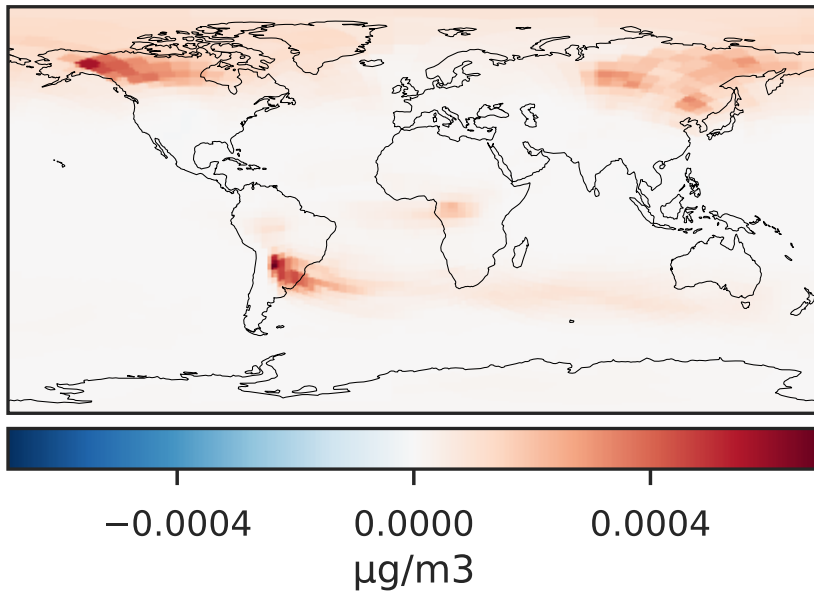
14.2.0-rc.2 (Ref)
c24



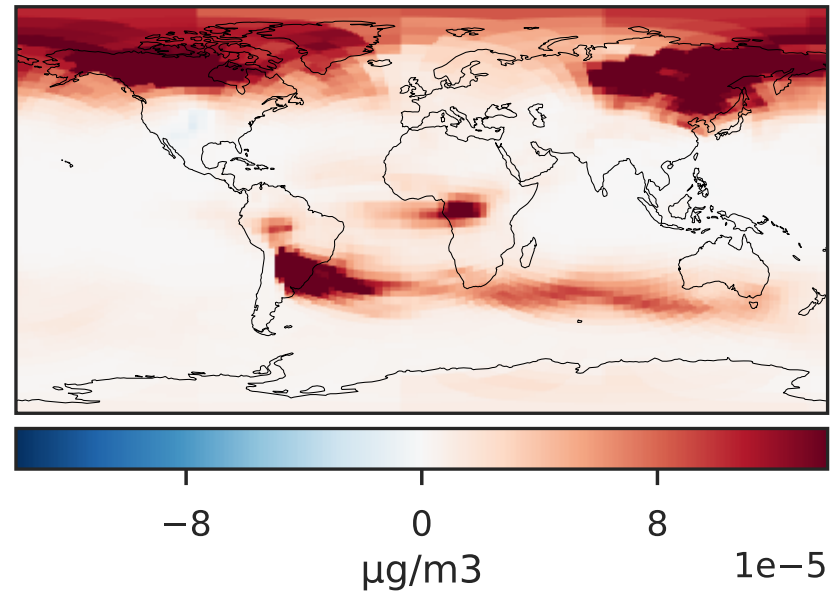
14.3.0-rc.0 (Dev)
c24



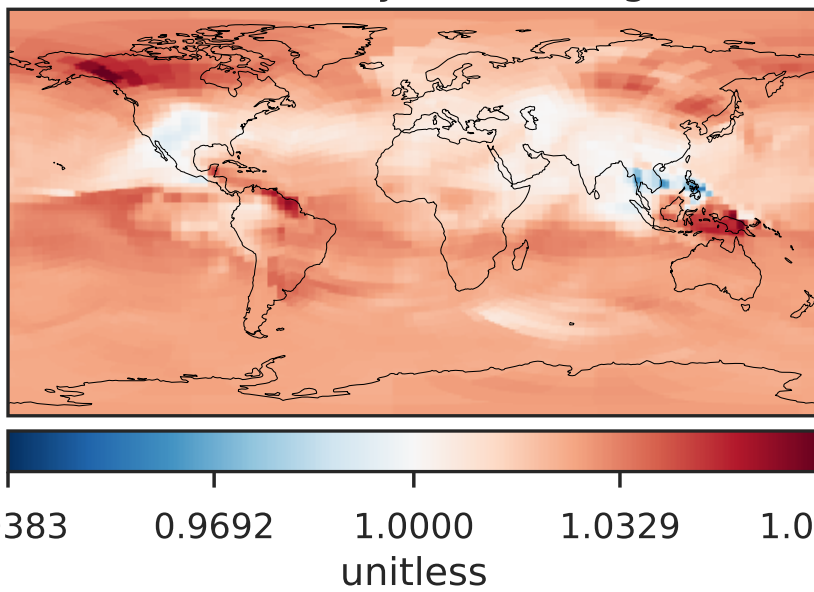
Difference (1x1.25)
Dev - Ref, Dynamic Range



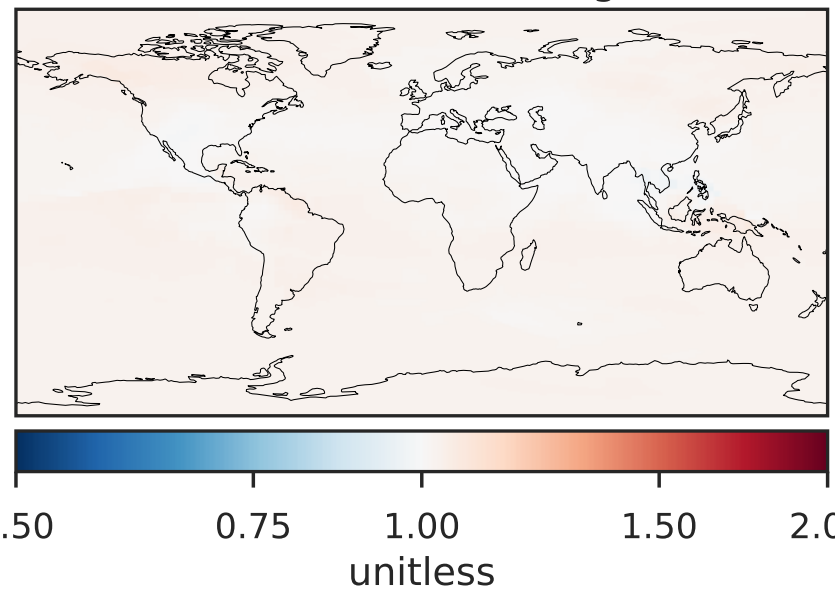
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

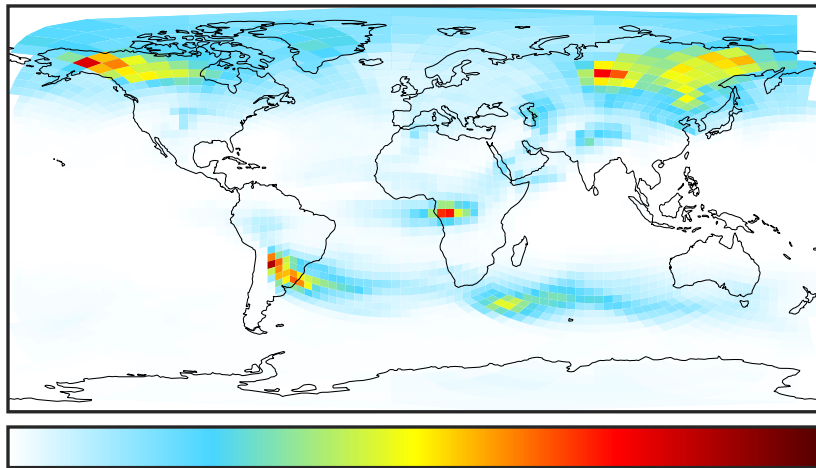


Ratio (1x1.25)
Dev/Ref, Fixed Range



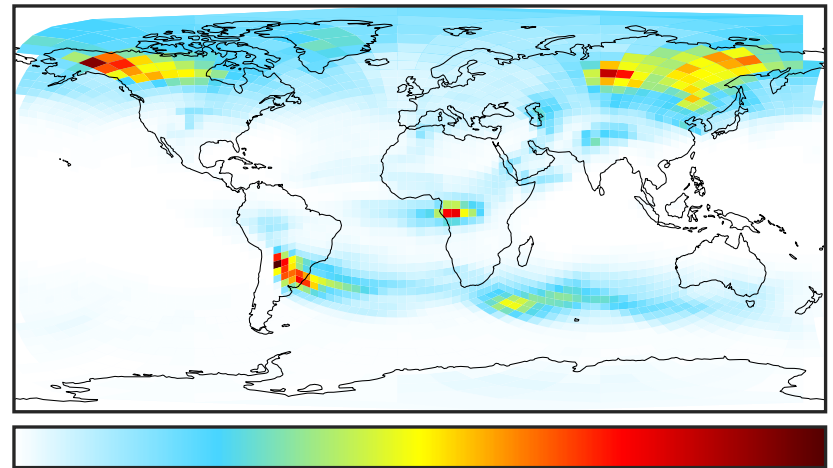
SpeciesConcVV_TSOA3 (Jul2019)

14.2.0-rc.2 (Ref)
c24



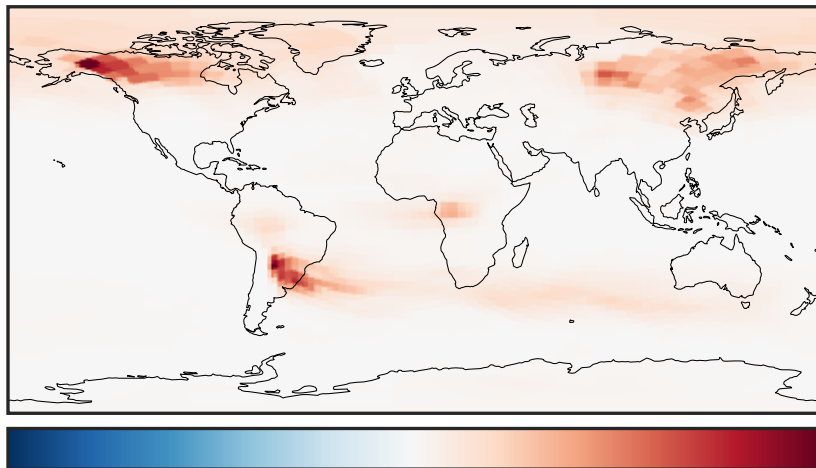
0.0015 0.0030
 $\mu\text{g}/\text{m}^3$

14.3.0-rc.0 (Dev)
c24



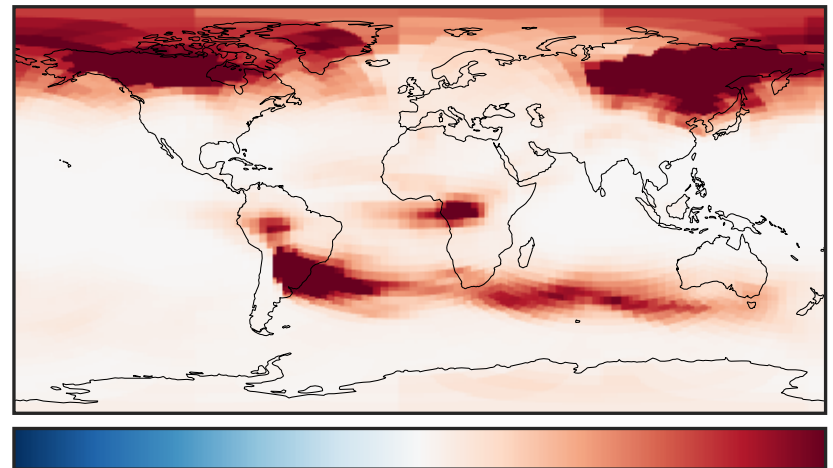
0.0015 0.0030
 $\mu\text{g}/\text{m}^3$

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



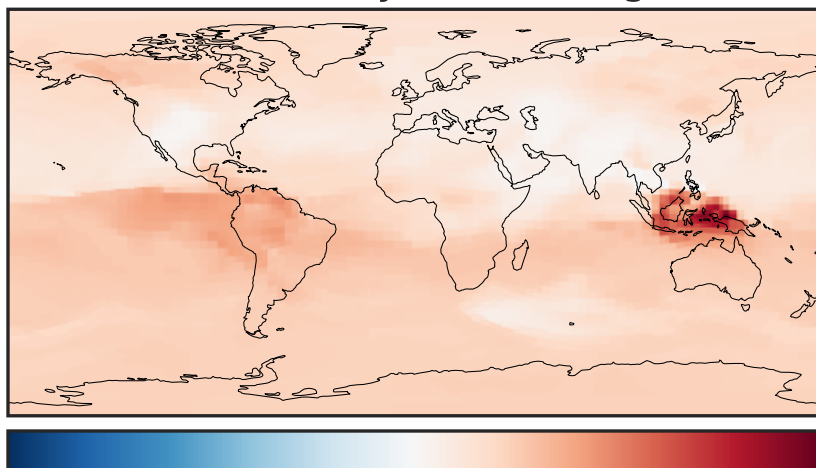
-0.0003 0.0000 0.0003
 $\mu\text{g}/\text{m}^3$

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



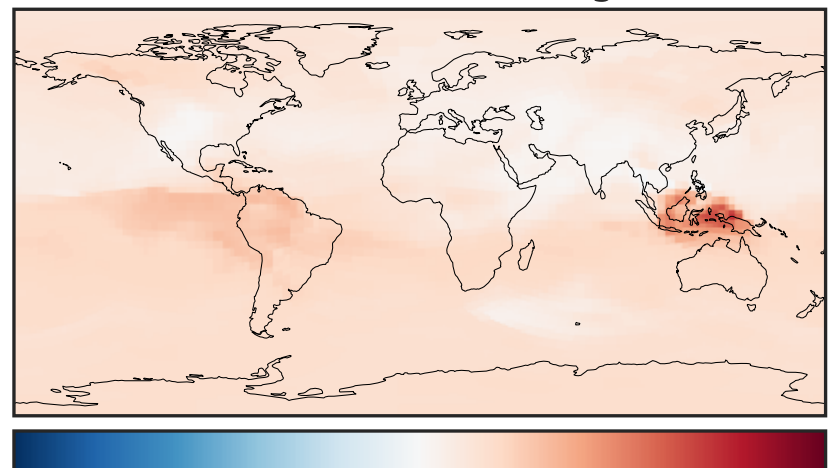
-6 0 6
 $\mu\text{g}/\text{m}^3$ $1\text{e}-5$

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



0.605 0.802 1.000 1.327 1.653
unitless

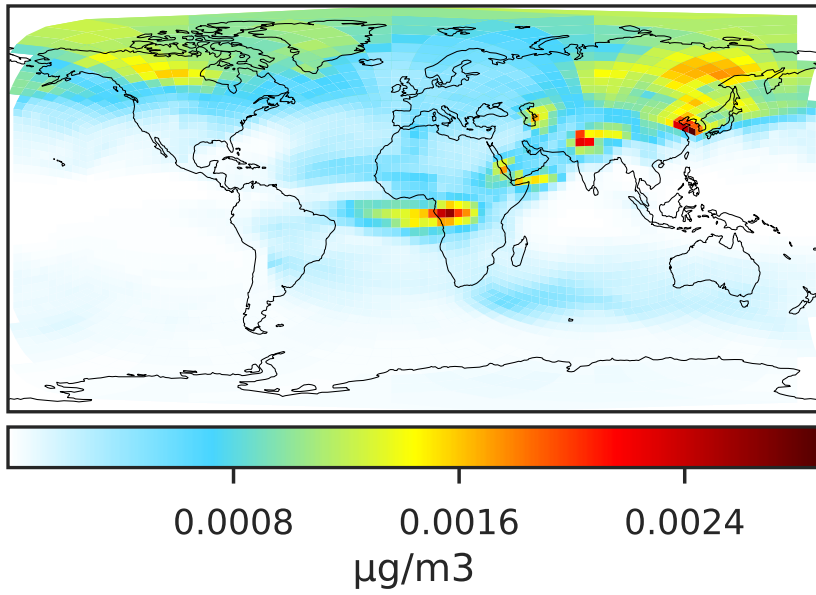
Ratio (1x1.25)
Dev/Ref, Fixed Range



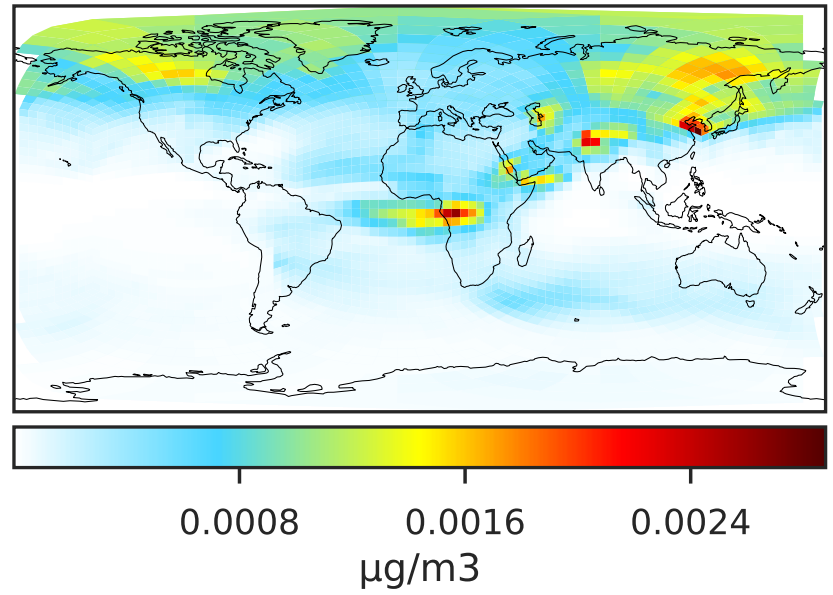
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_ASOA1 (Jul2019)

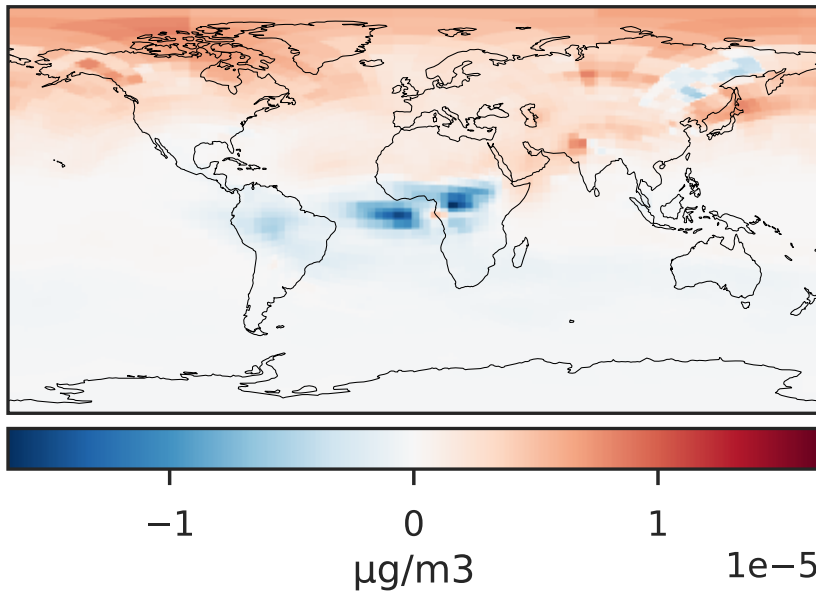
14.2.0-rc.2 (Ref)
c24



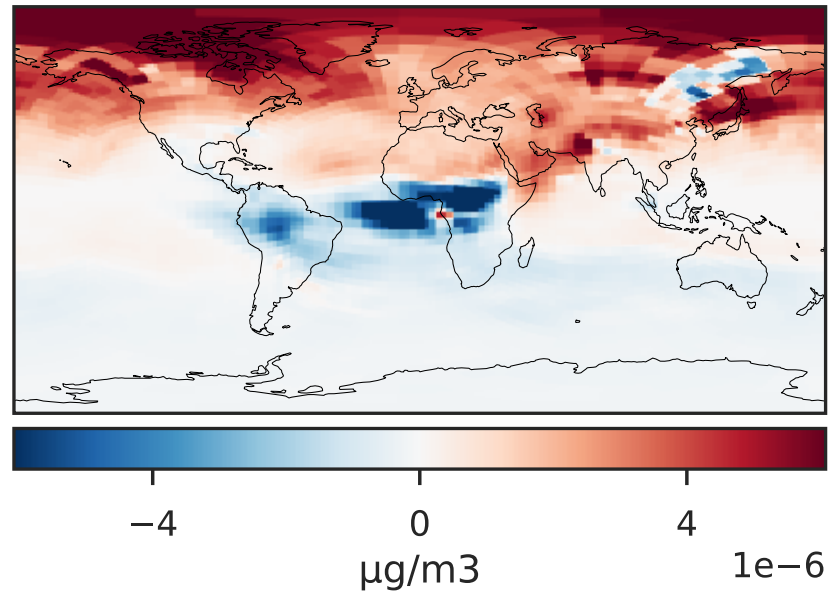
14.3.0-rc.0 (Dev)
c24



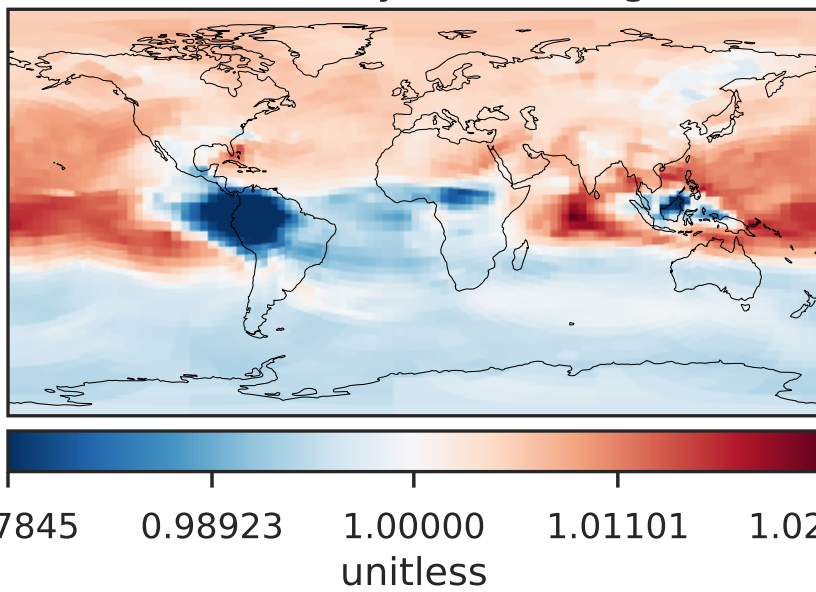
Difference (1x1.25)
Dev - Ref, Dynamic Range



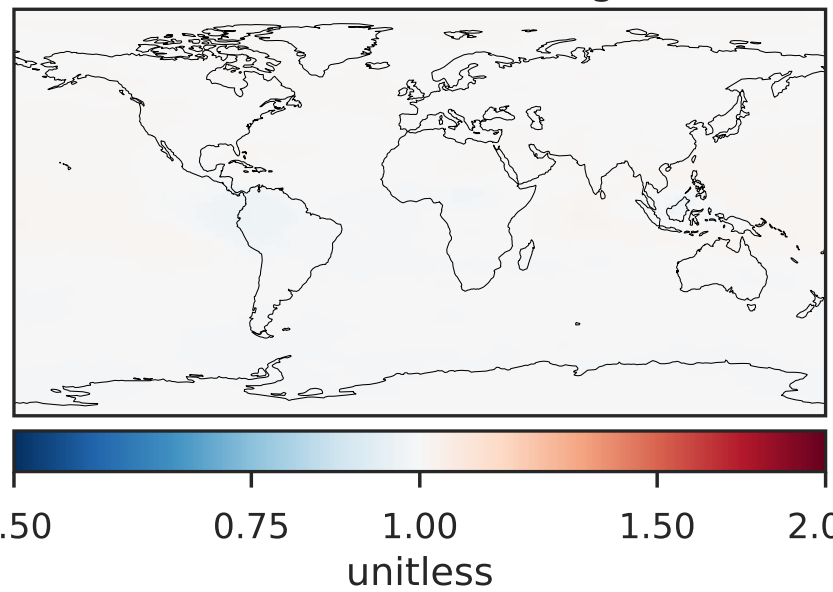
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

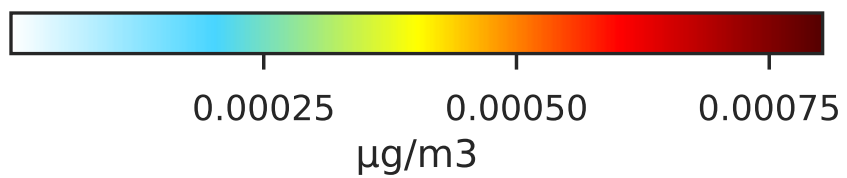
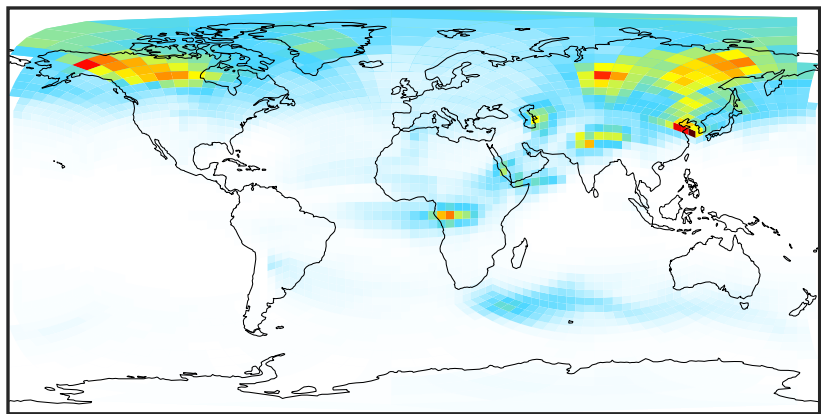


Ratio (1x1.25)
Dev/Ref, Fixed Range

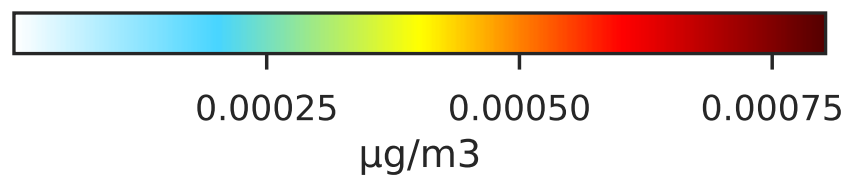
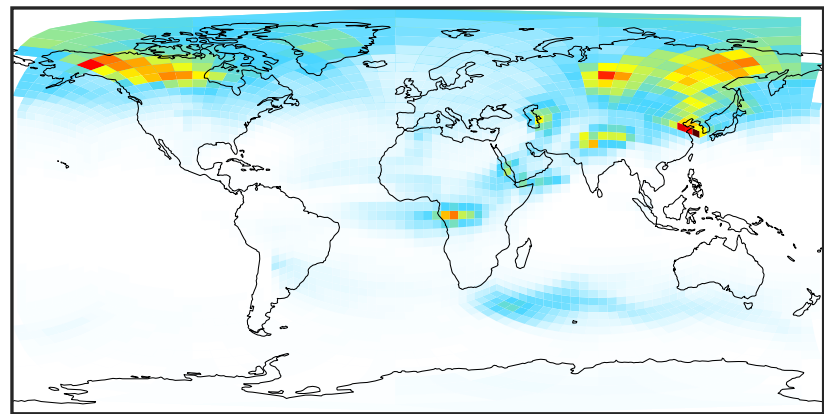


SpeciesConcVV_ASOA2 (Jul2019)

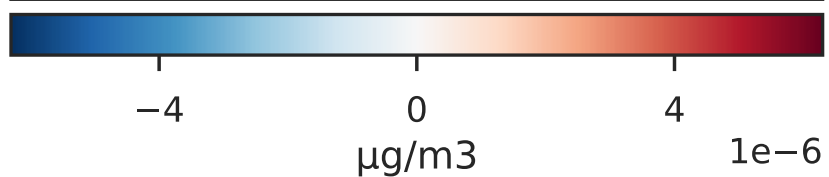
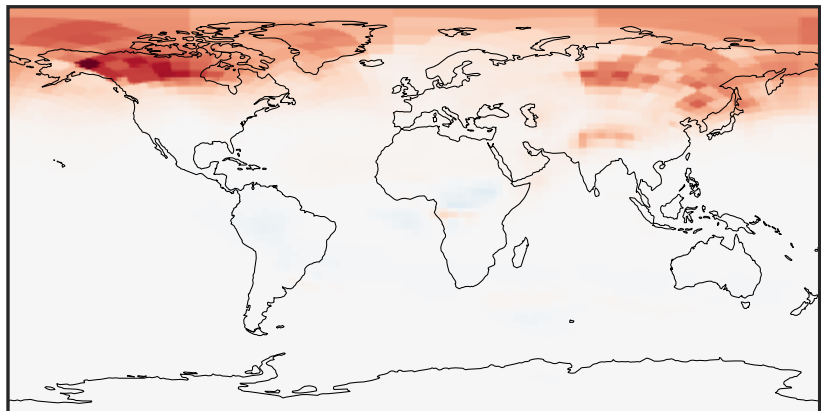
14.2.0-rc.2 (Ref)
c24



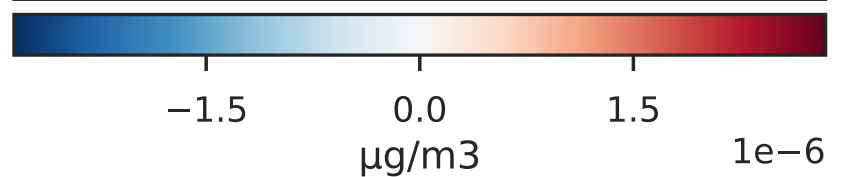
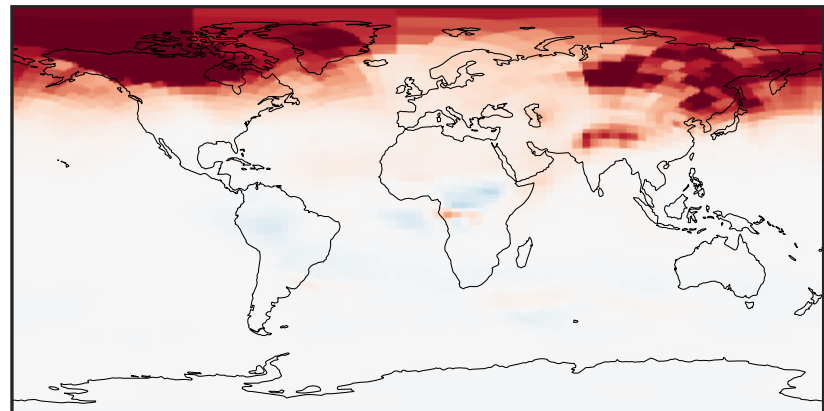
14.3.0-rc.0 (Dev)
c24



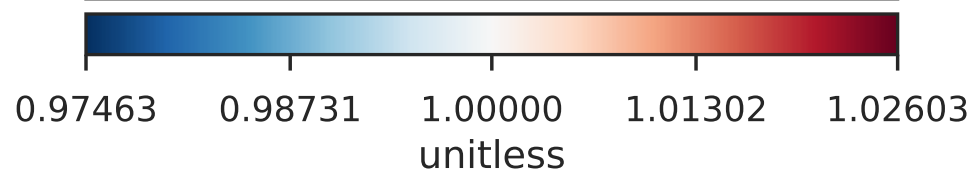
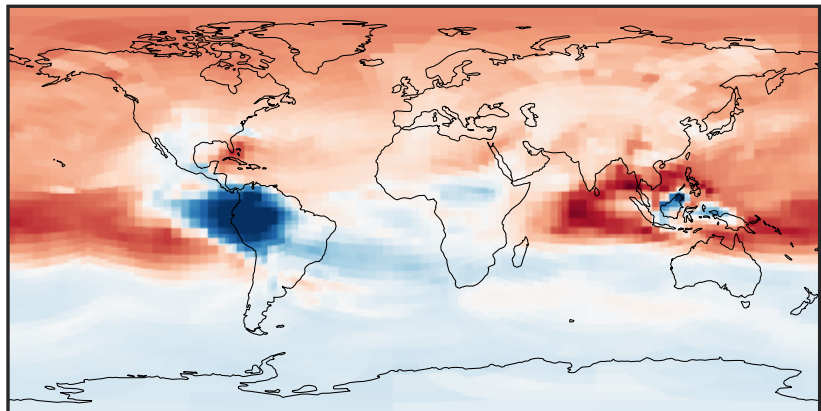
Difference (1x1.25)
Dev - Ref, Dynamic Range



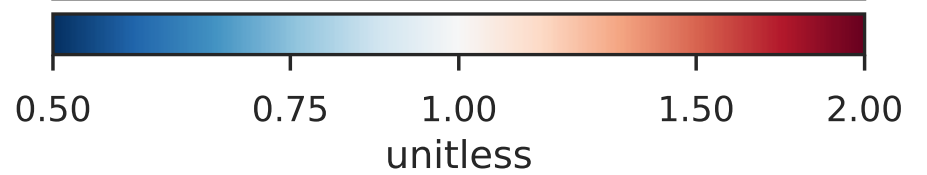
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

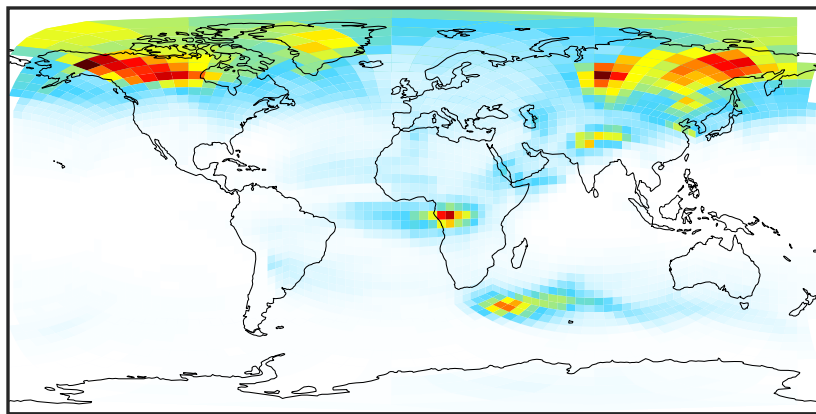


Ratio (1x1.25)
Dev/Ref, Fixed Range



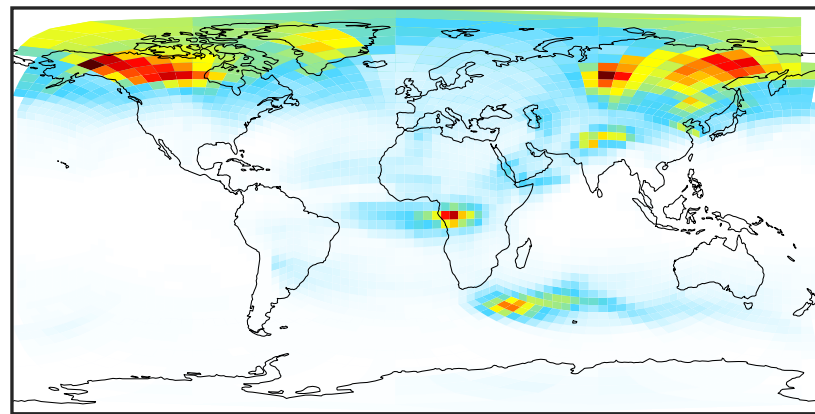
SpeciesConcVV_ASOA3 (Jul2019)

14.2.0-rc.2 (Ref)
c24



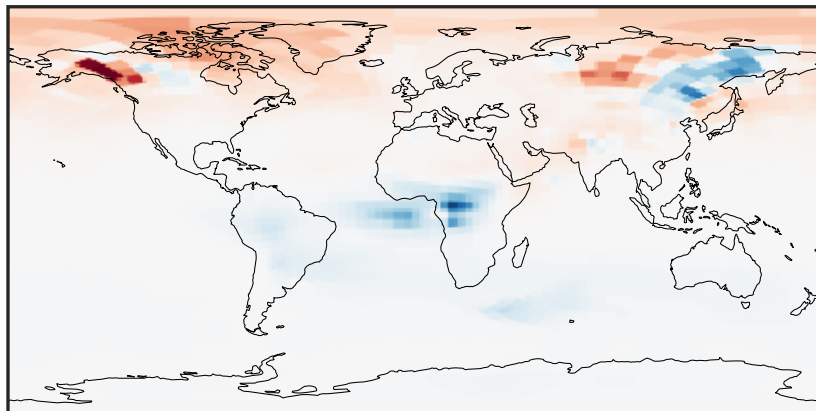
0.00025 0.00050 0.00075
 $\mu\text{g}/\text{m}^3$

14.3.0-rc.0 (Dev)
c24



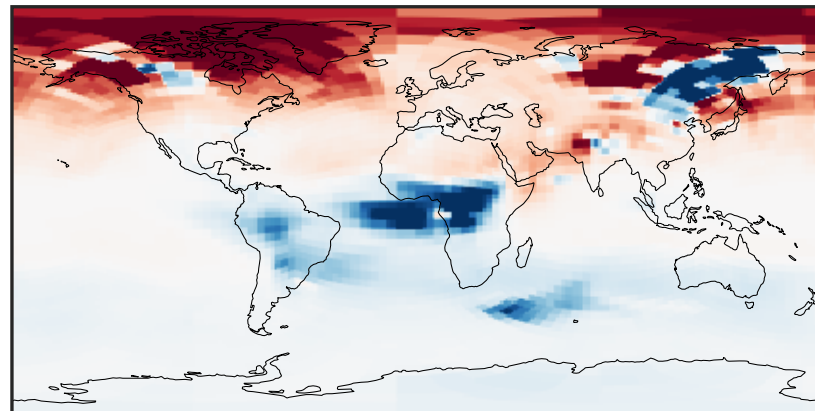
0.00025 0.00050 0.00075
 $\mu\text{g}/\text{m}^3$

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



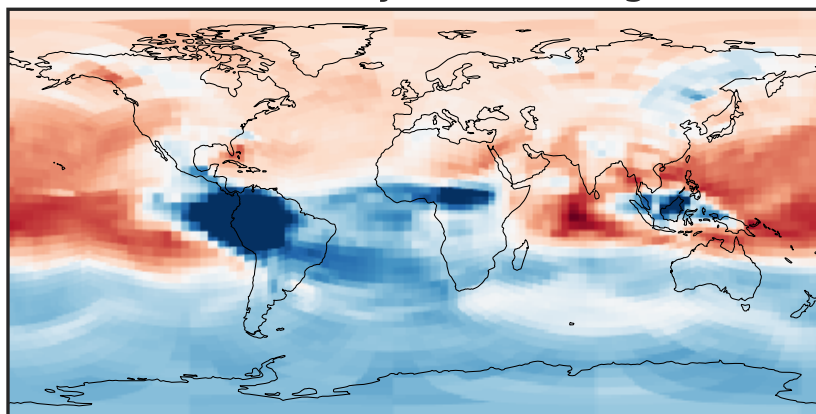
-4 0 4
 $\mu\text{g}/\text{m}^3$ $1\text{e}-6$

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



-8 0 8
 $\mu\text{g}/\text{m}^3$ $1\text{e}-7$

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



0.98010 0.99005 1.00000 1.01015 1.02030
unitless

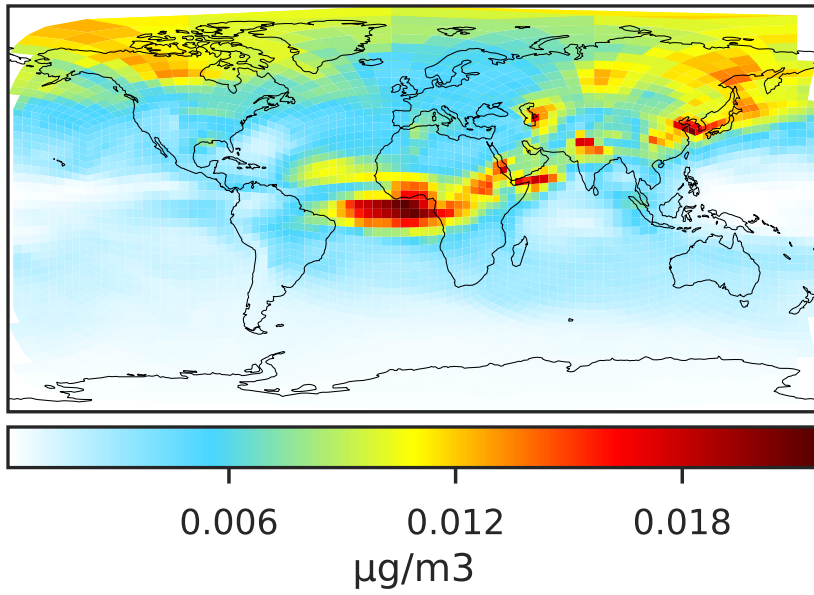
Ratio (1x1.25)
Dev/Ref, Fixed Range



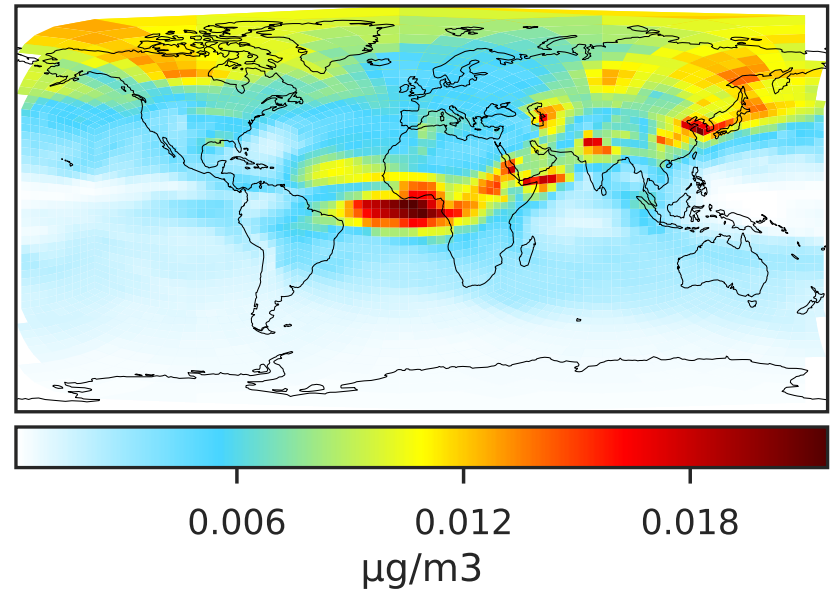
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_ASOAN (Jul2019)

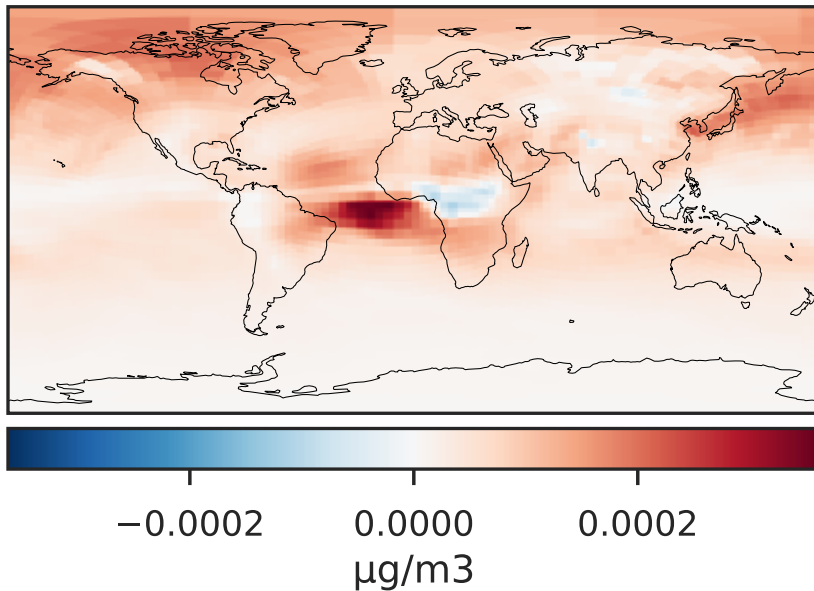
14.2.0-rc.2 (Ref)
c24



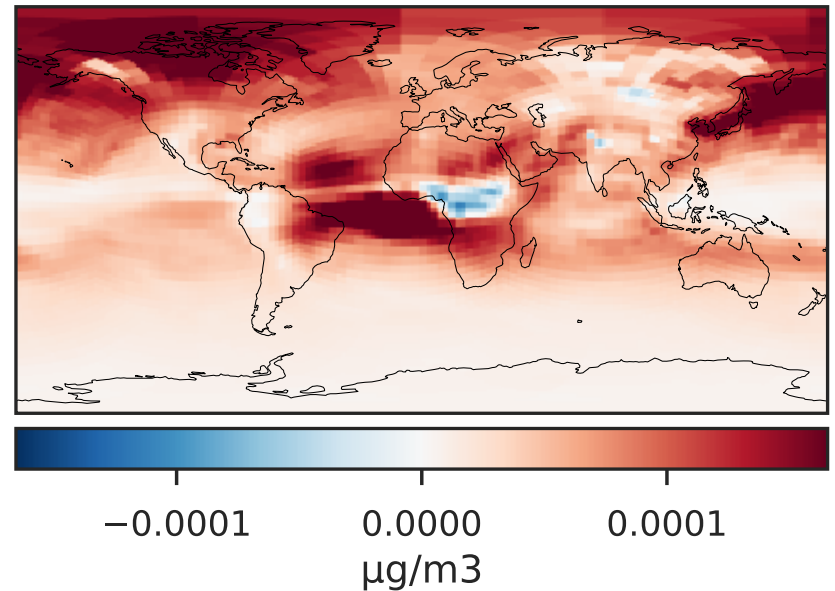
14.3.0-rc.0 (Dev)
c24



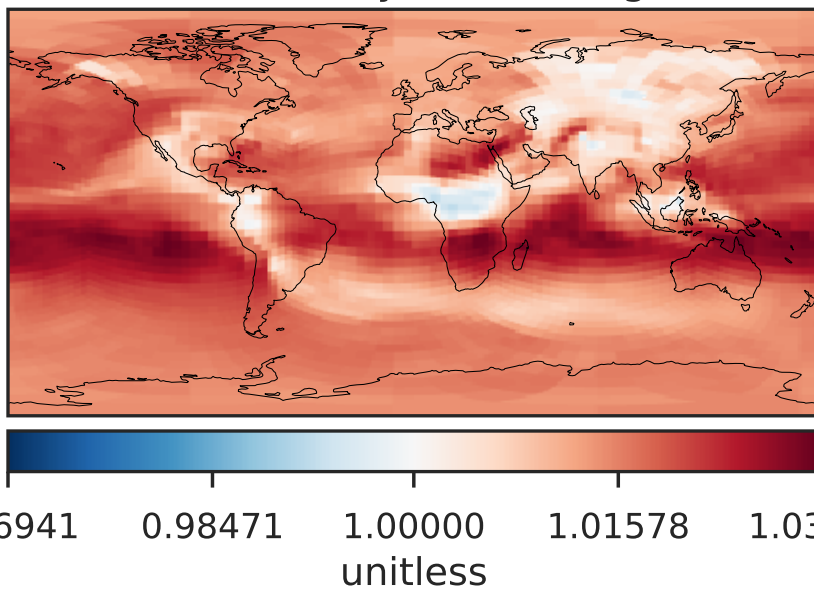
Difference (1x1.25)
Dev - Ref, Dynamic Range



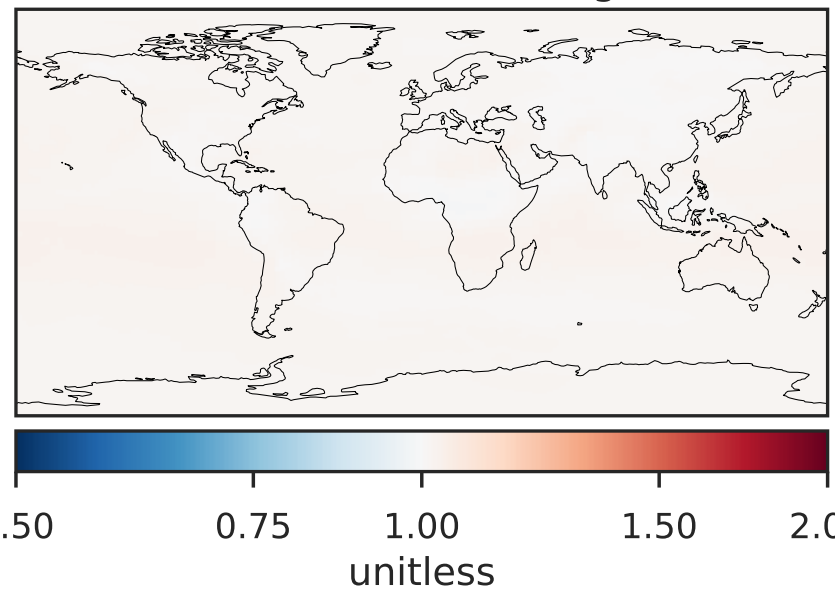
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

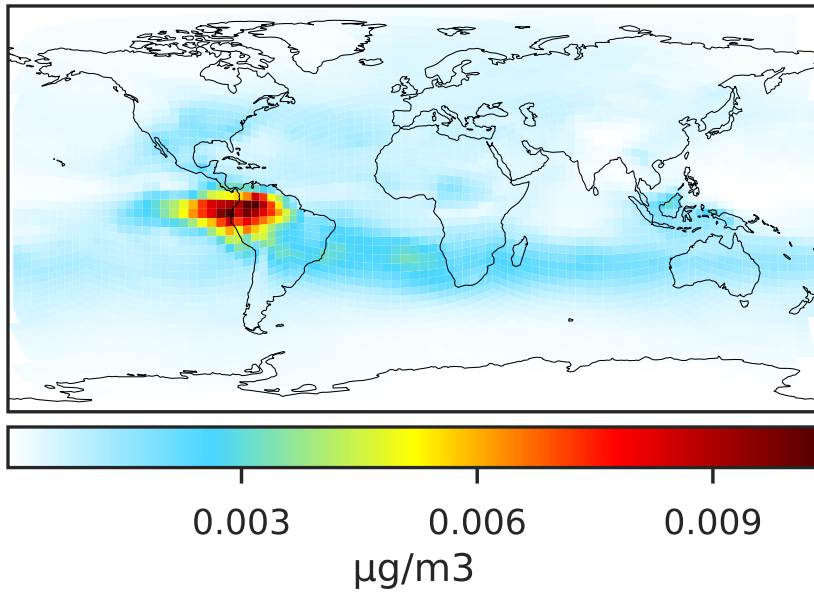


Ratio (1x1.25)
Dev/Ref, Fixed Range

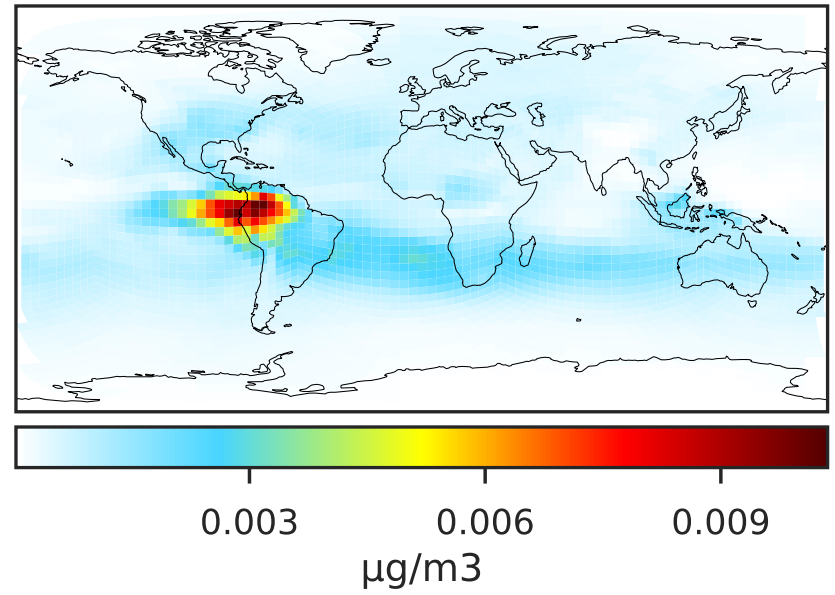


SpeciesConcVV_TSOG0 (Jul2019)

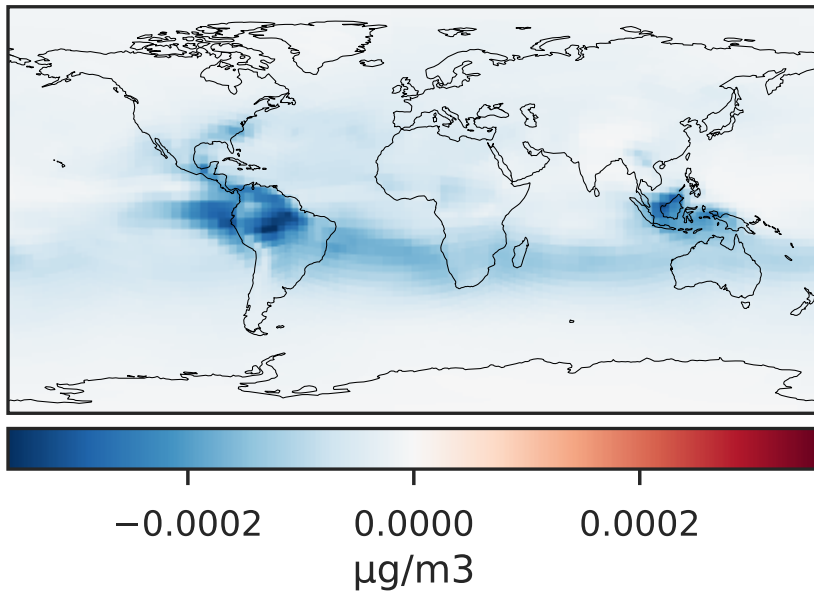
14.2.0-rc.2 (Ref)
c24



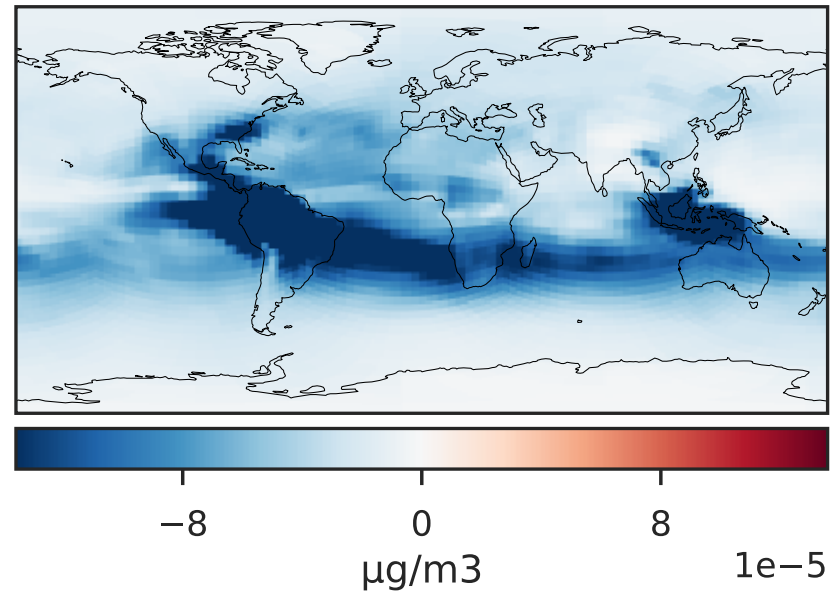
14.3.0-rc.0 (Dev)
c24



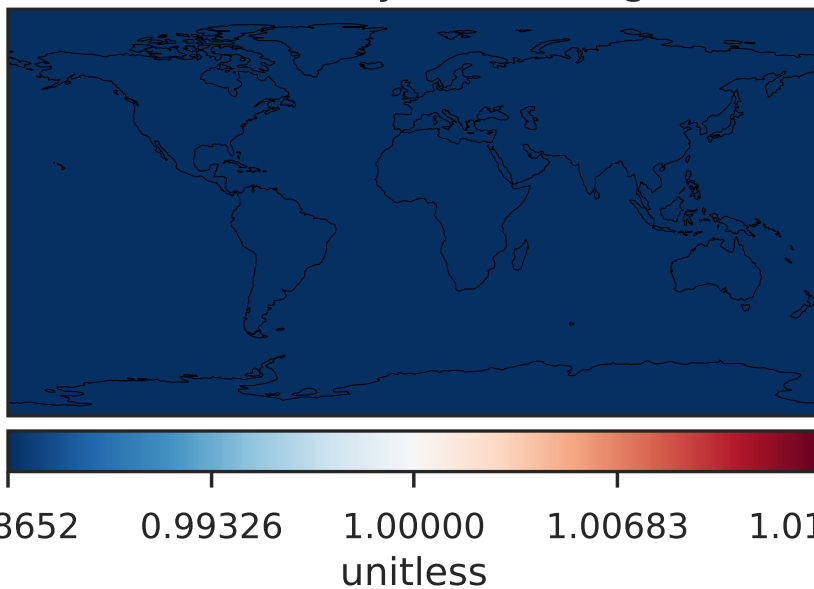
Difference (1x1.25)
Dev - Ref, Dynamic Range



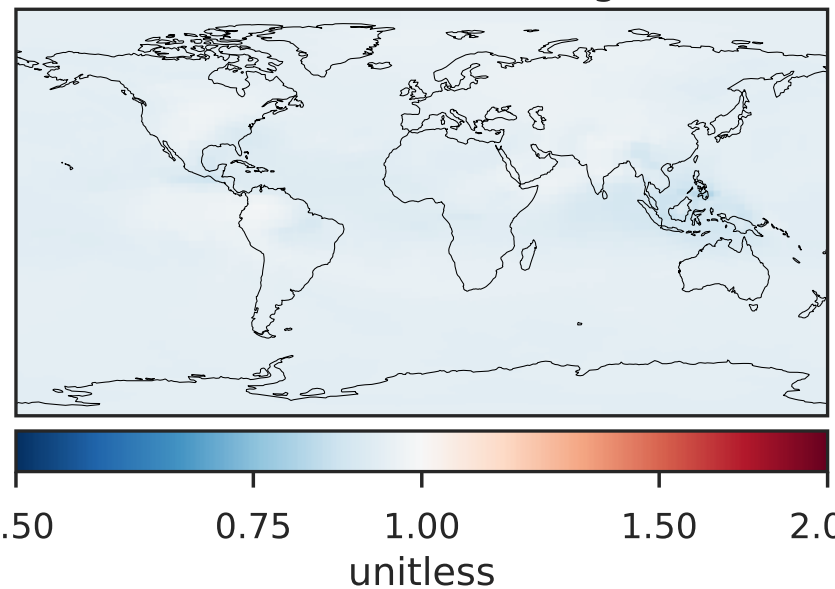
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

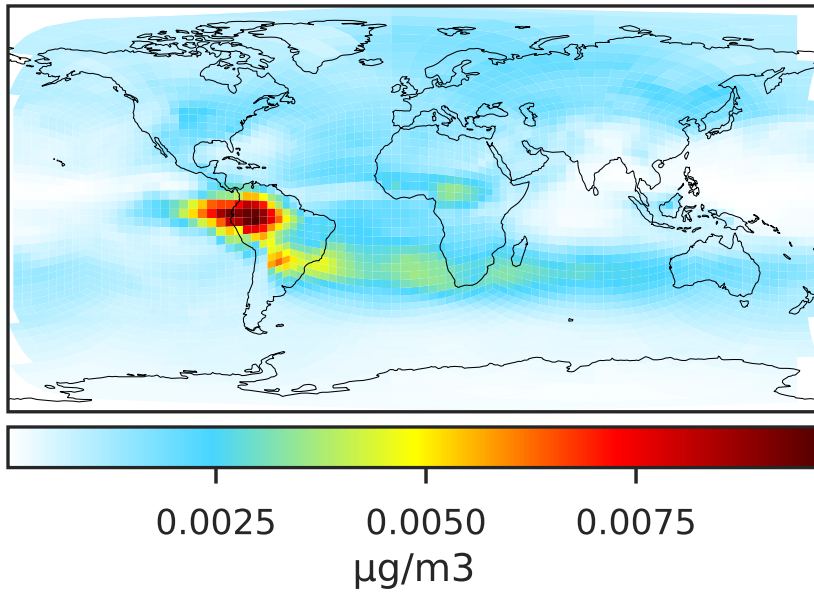


Ratio (1x1.25)
Dev/Ref, Fixed Range

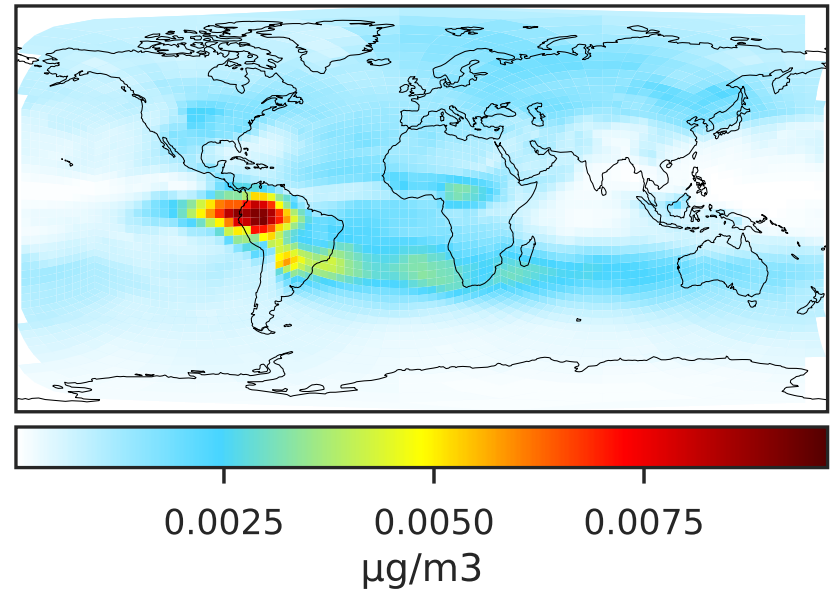


SpeciesConcVV_TSOG1 (Jul2019)

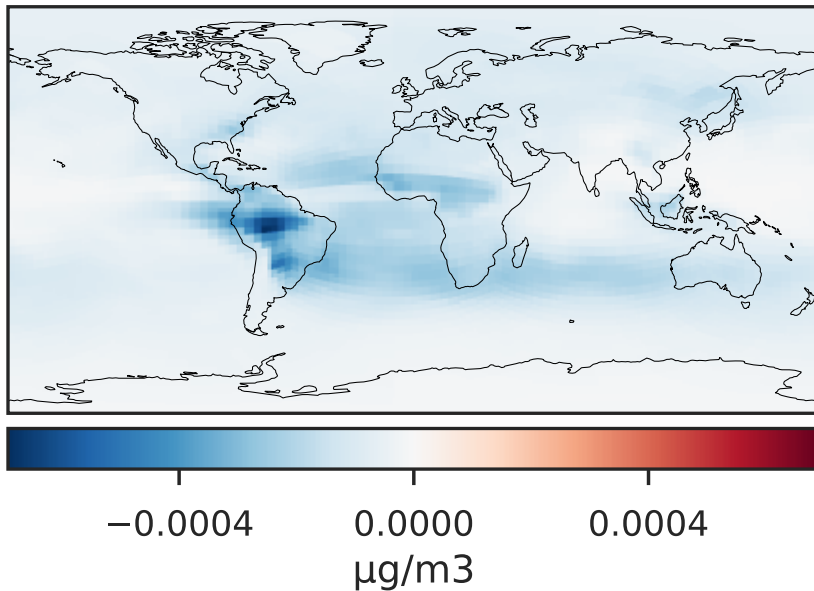
14.2.0-rc.2 (Ref)
c24



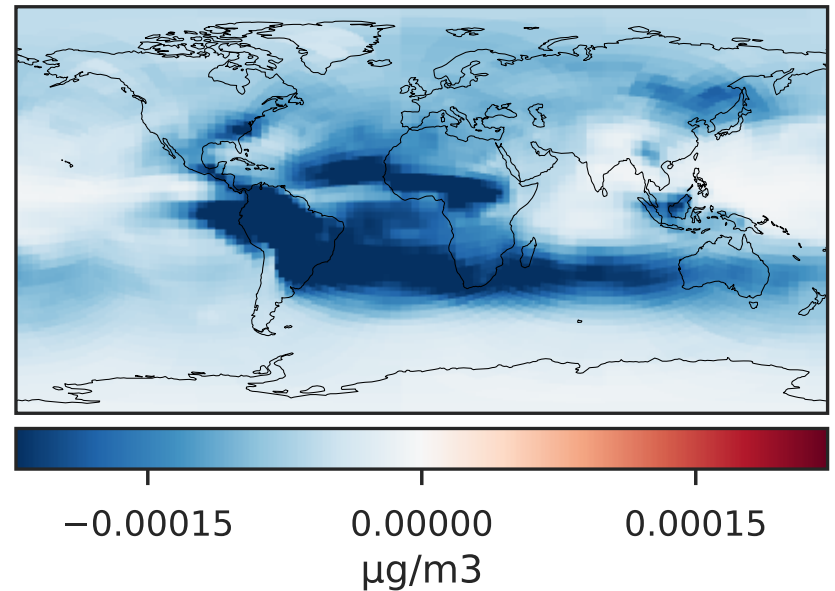
14.3.0-rc.0 (Dev)
c24



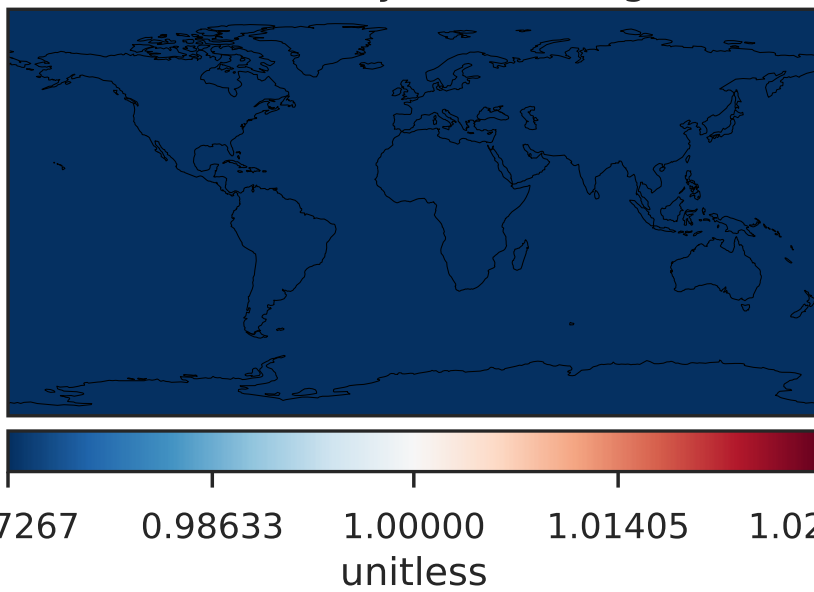
Difference (1x1.25)
Dev - Ref, Dynamic Range



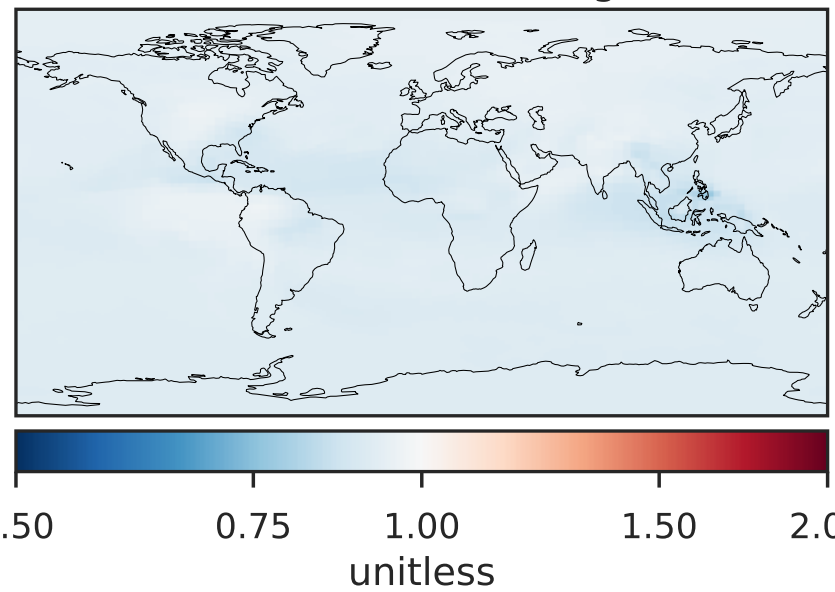
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

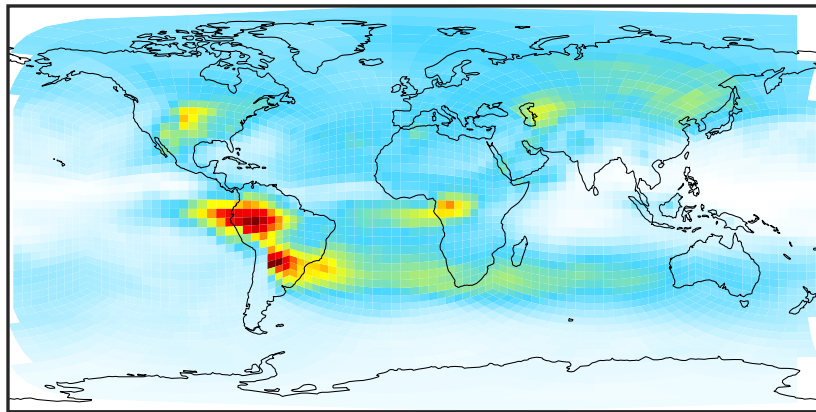


Ratio (1x1.25)
Dev/Ref, Fixed Range



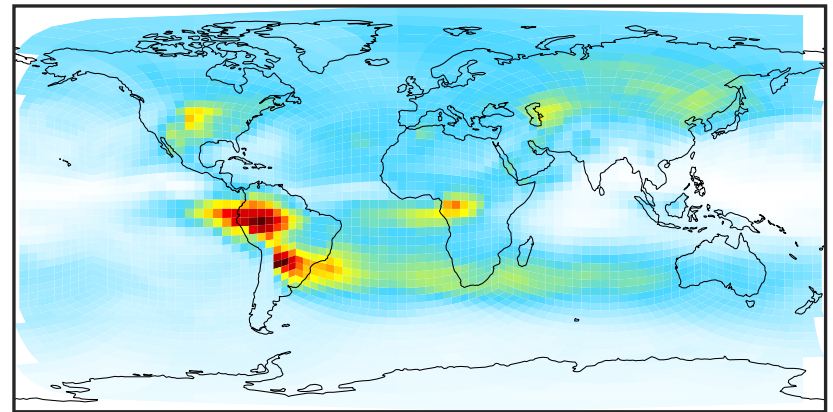
SpeciesConcVV_TSOG2 (Jul2019)

14.2.0-rc.2 (Ref)
c24



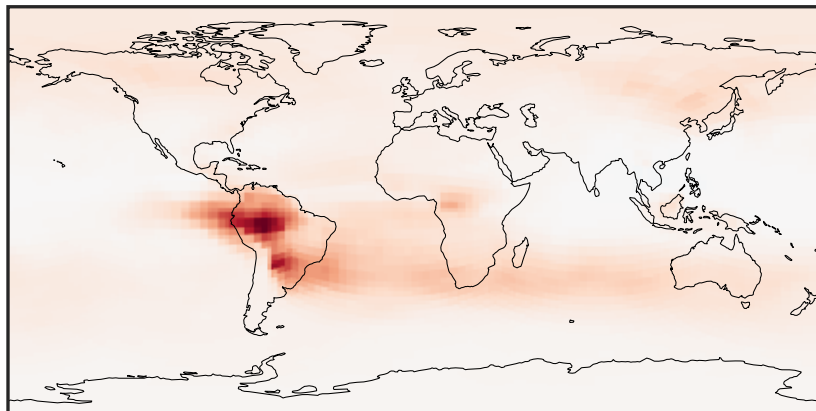
0.0004 0.0274 0.0545 0.0815 0.1086
 $\mu\text{g}/\text{m}^3$

14.3.0-rc.0 (Dev)
c24



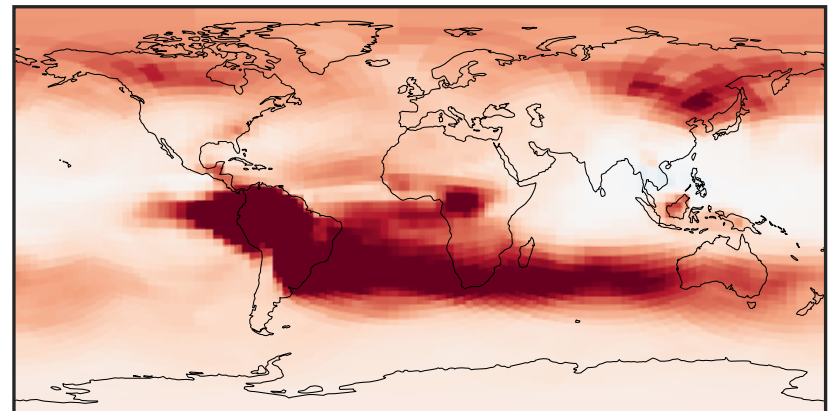
0.0004 0.0274 0.0545 0.0815 0.1086
 $\mu\text{g}/\text{m}^3$

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



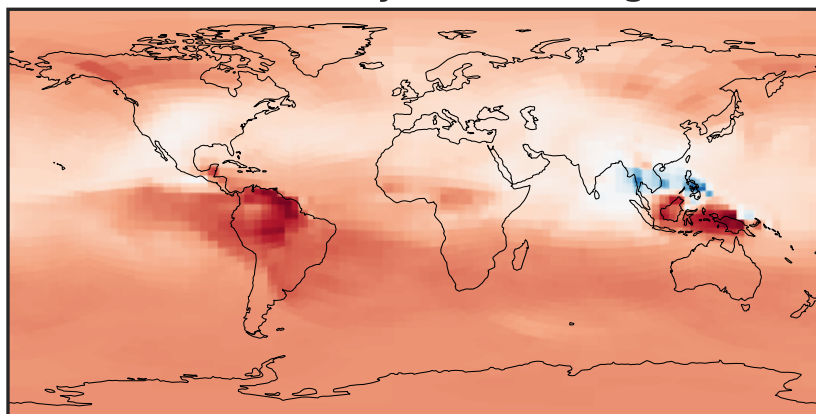
-0.003 0.000 0.003
 $\mu\text{g}/\text{m}^3$

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



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

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



0.9319 0.9659 1.0000 1.0366 1.0731
unitless

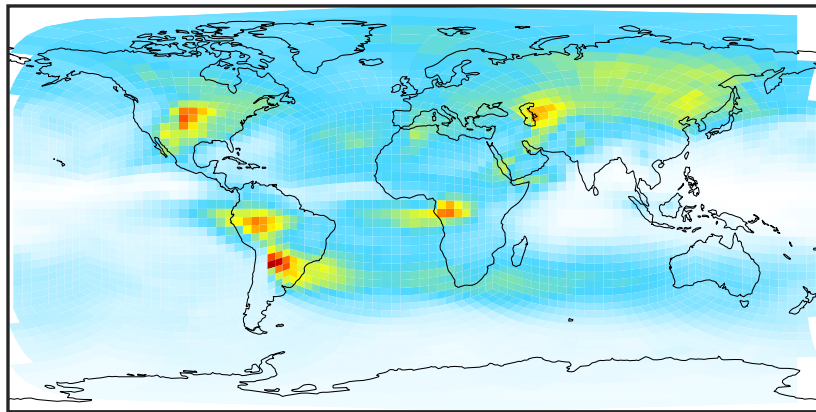
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

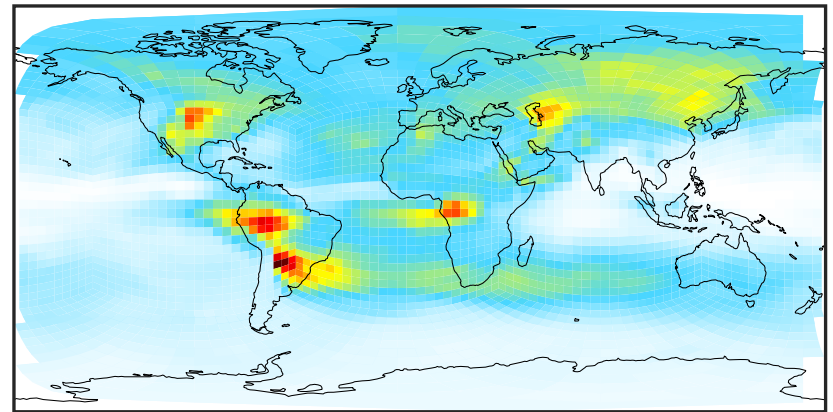
SpeciesConcVV_TSOG3 (Jul2019)

14.2.0-rc.2 (Ref)
c24



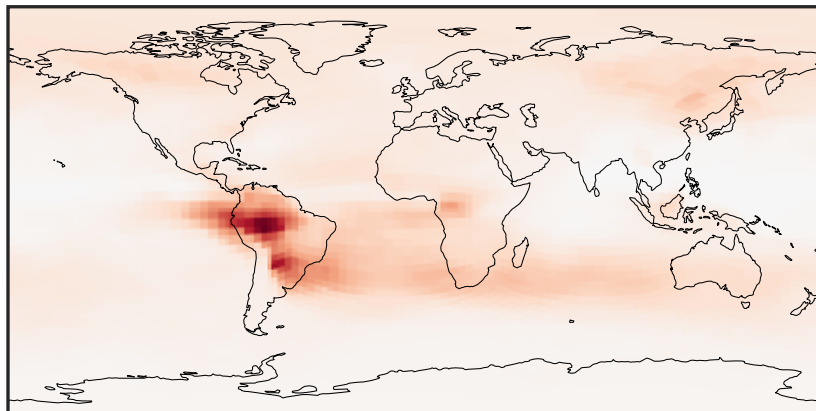
0.0006 0.0493 0.0979 0.1465 0.1951
 $\mu\text{g}/\text{m}^3$

14.3.0-rc.0 (Dev)
c24



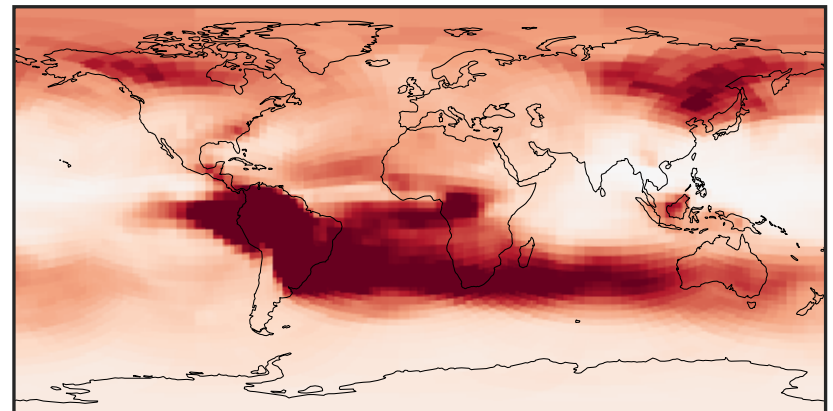
0.0006 0.0493 0.0979 0.1465 0.1951
 $\mu\text{g}/\text{m}^3$

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



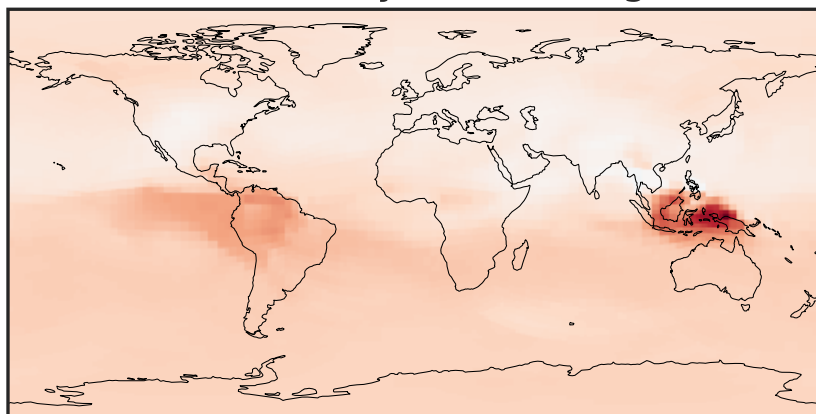
-0.02 0.00 0.02
 $\mu\text{g}/\text{m}^3$

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



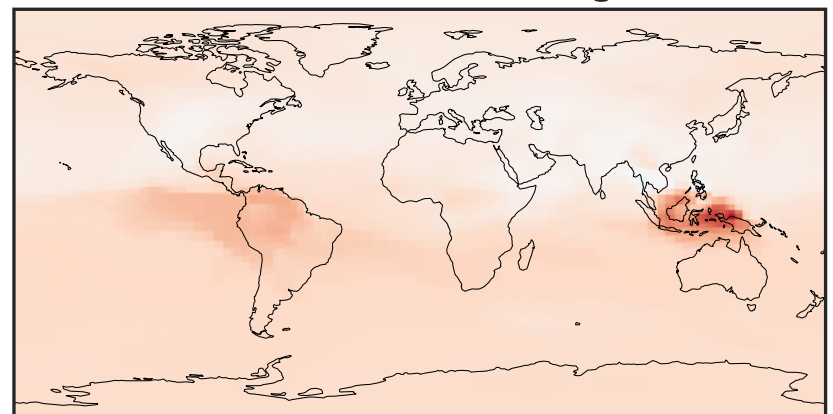
-0.004 0.000 0.004
 $\mu\text{g}/\text{m}^3$

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



0.574 0.787 1.000 1.372 1.743
unitless

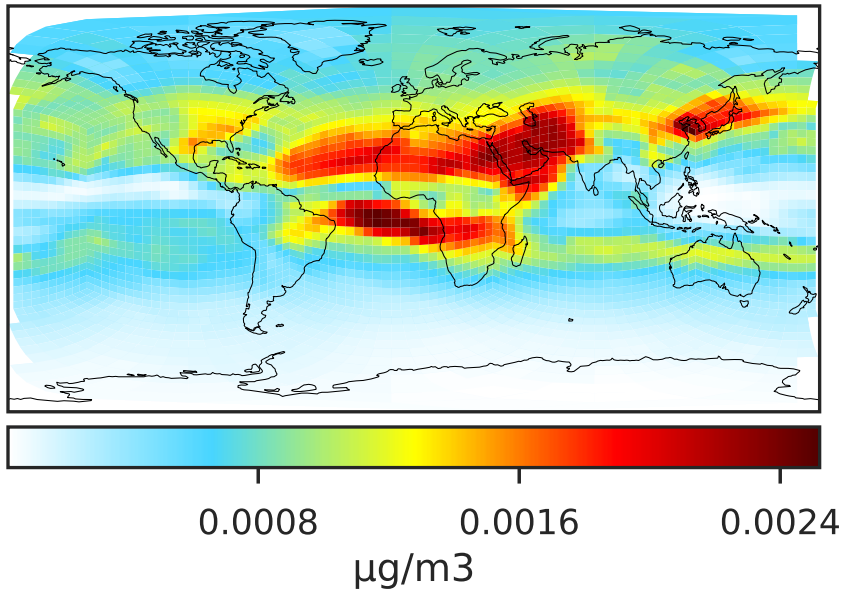
Ratio (1x1.25)
Dev/Ref, Fixed Range



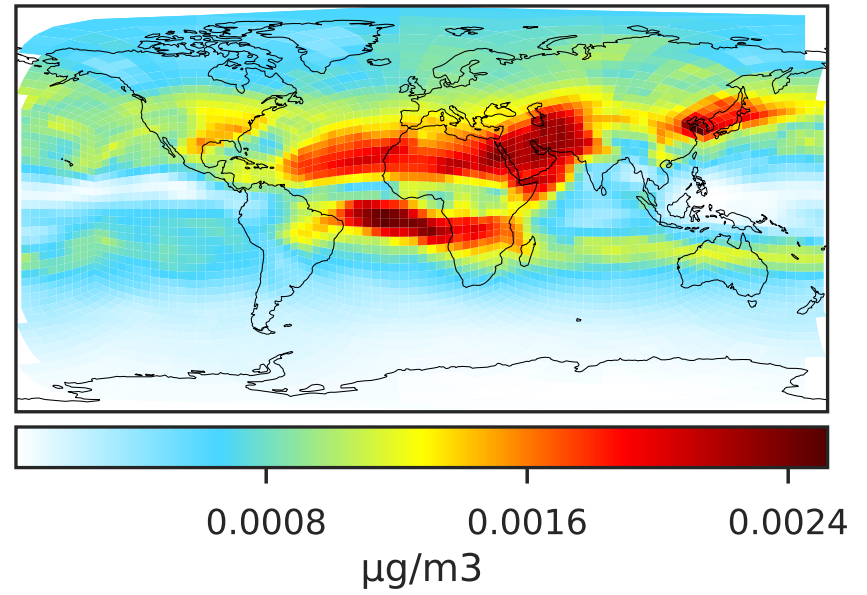
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_ASOG1 (Jul2019)

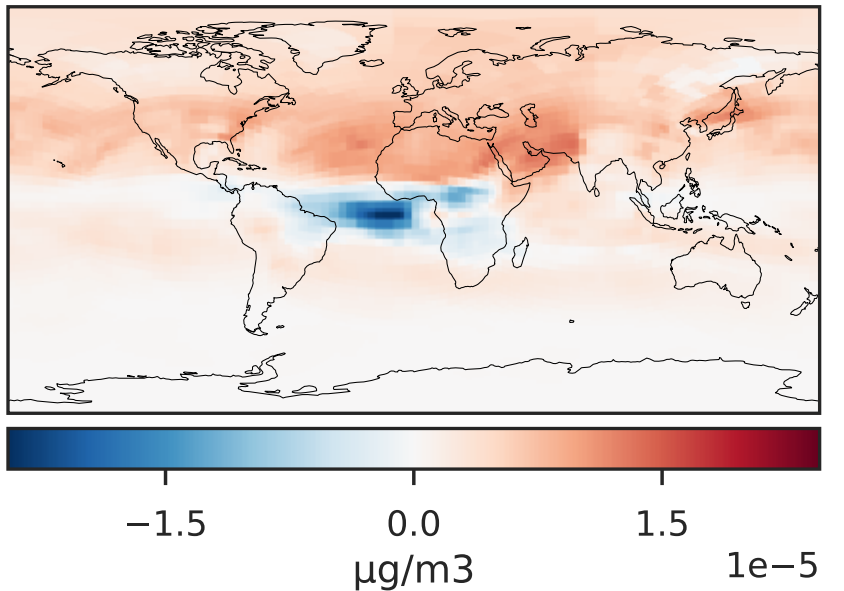
14.2.0-rc.2 (Ref)
c24



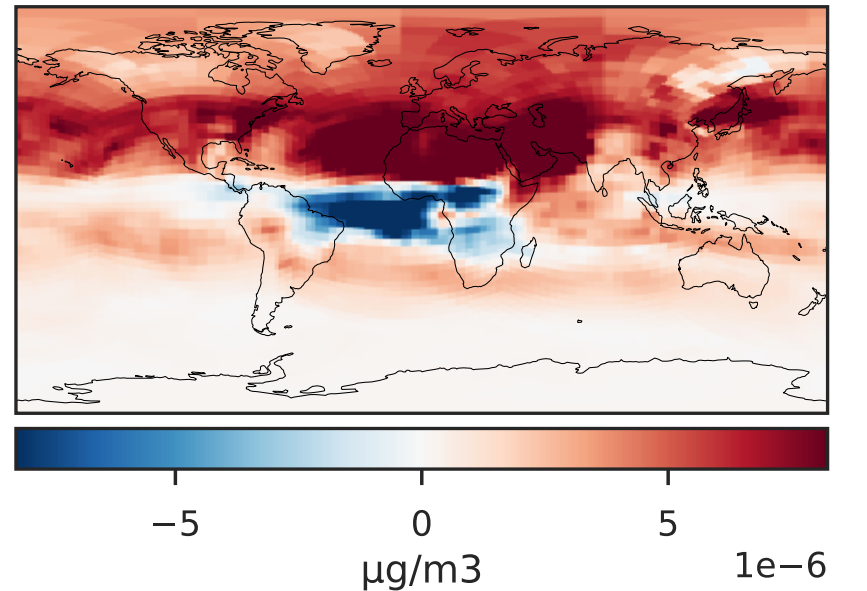
14.3.0-rc.0 (Dev)
c24



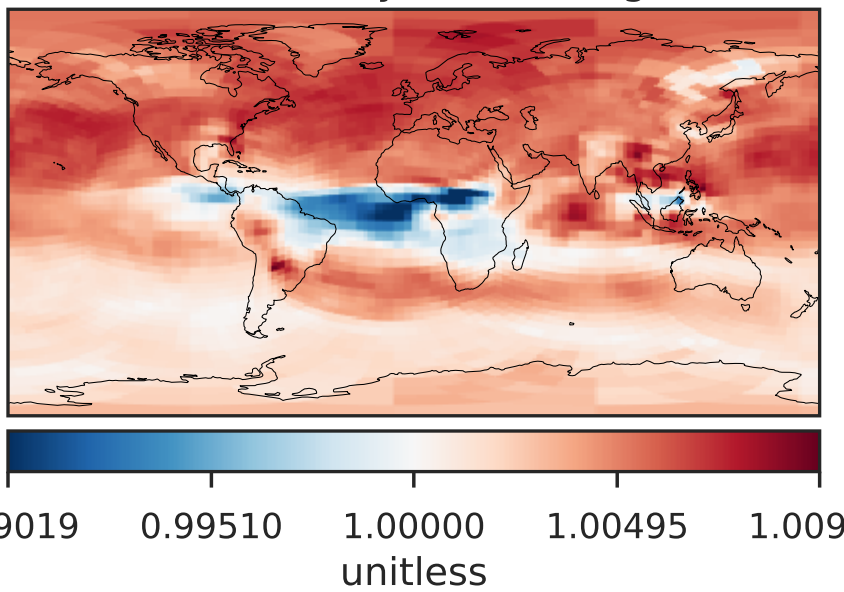
Difference (1x1.25)
Dev - Ref, Dynamic Range



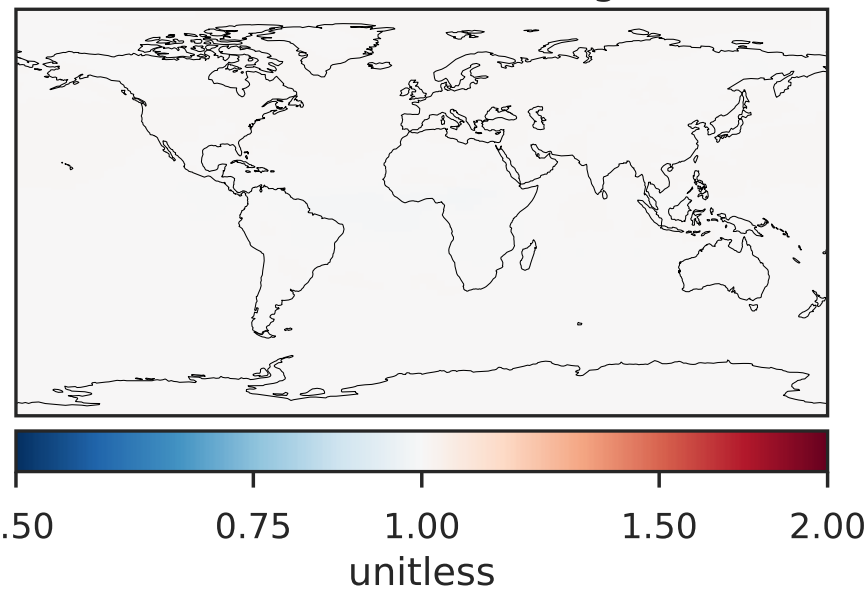
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

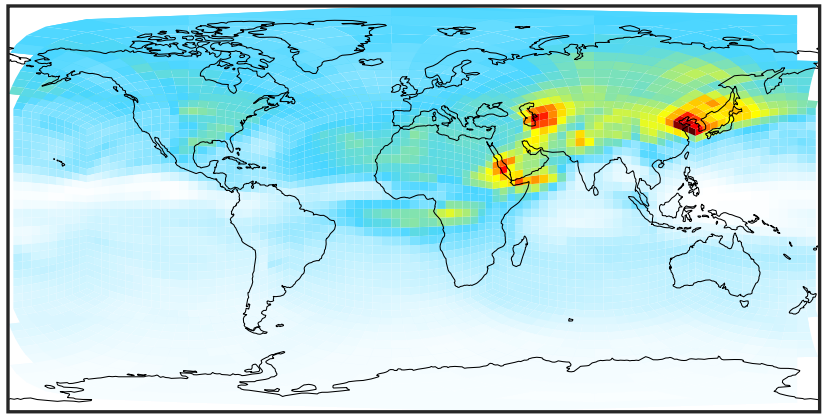


Ratio (1x1.25)
Dev/Ref, Fixed Range



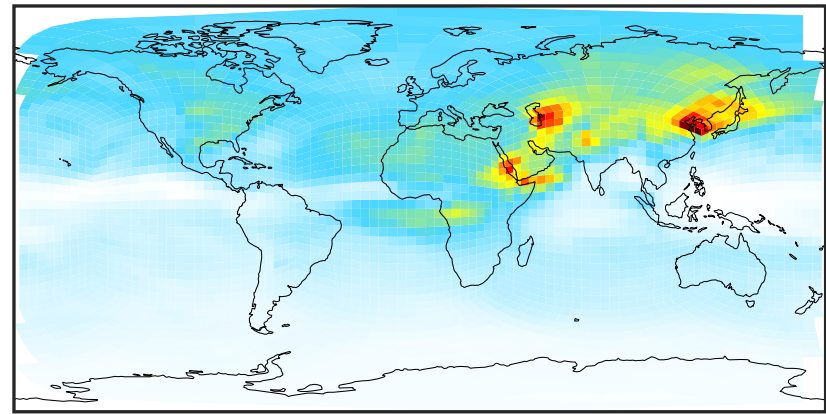
SpeciesConcVV_ASOG2 (Jul2019)

14.2.0-rc.2 (Ref)
c24



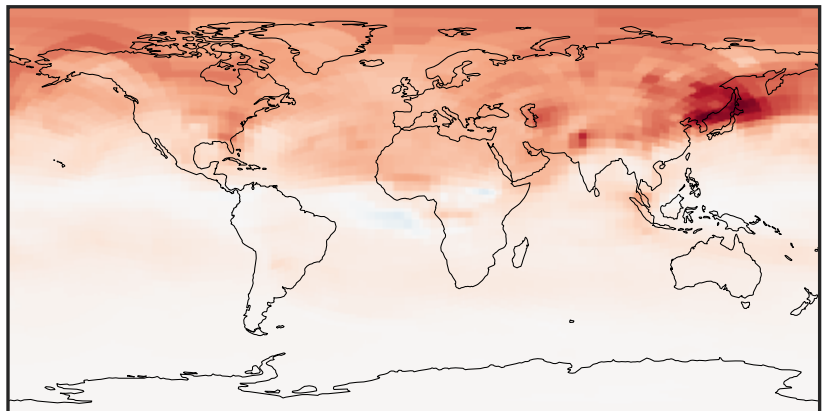
0.0015 0.0030 0.0045
 $\mu\text{g}/\text{m}^3$

14.3.0-rc.0 (Dev)
c24



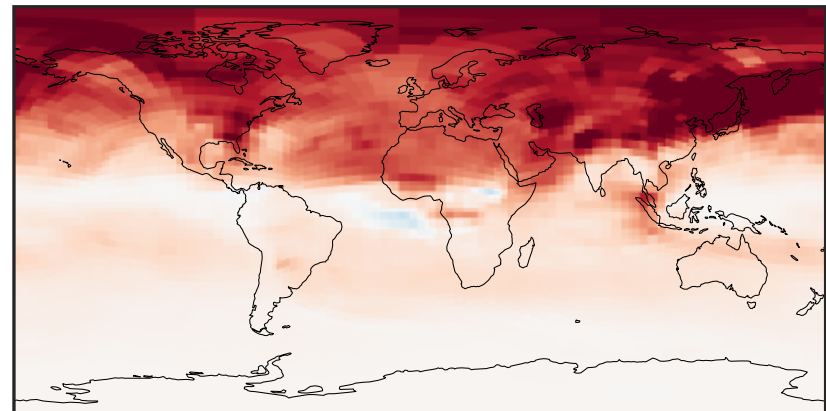
0.0015 0.0030 0.0045
 $\mu\text{g}/\text{m}^3$

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



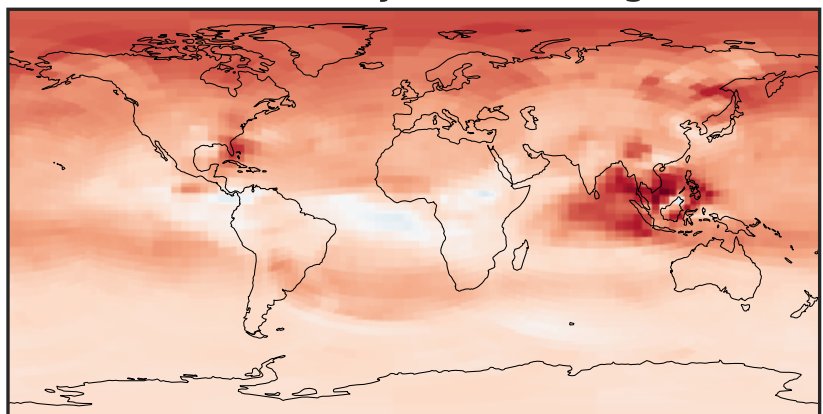
-1.5 0.0 1.5
 $\mu\text{g}/\text{m}^3$ $1\text{e}-5$

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



-8 0 8
 $\mu\text{g}/\text{m}^3$ $1\text{e}-6$

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



0.98156 0.99078 1.00000 1.00939 1.01878
unitless

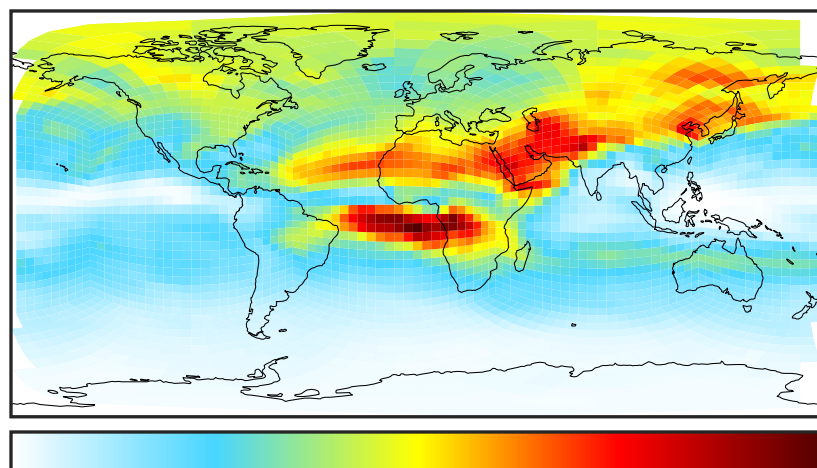
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

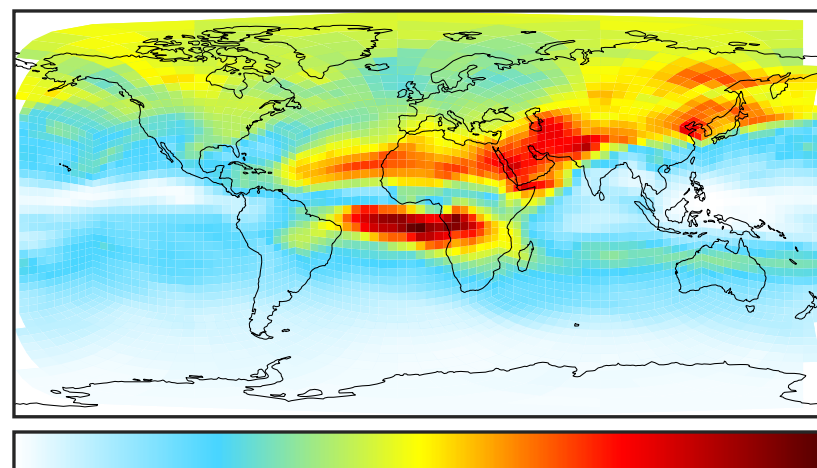
SpeciesConcVV_ASOG3 (Jul2019)

14.2.0-rc.2 (Ref)
c24



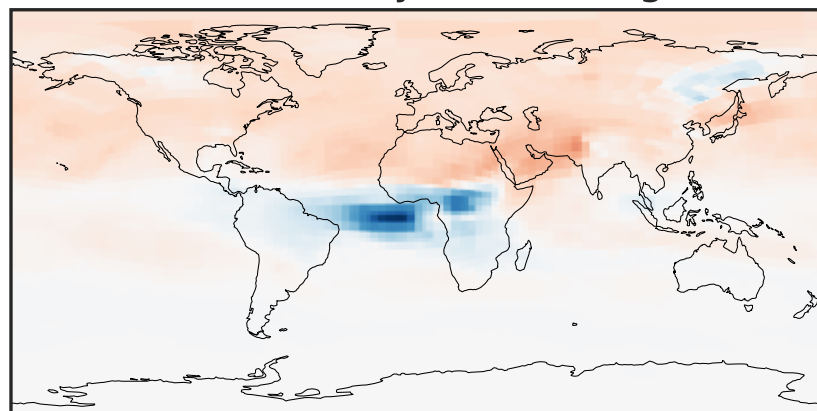
0.015 0.030
 $\mu\text{g}/\text{m}^3$

14.3.0-rc.0 (Dev)
c24



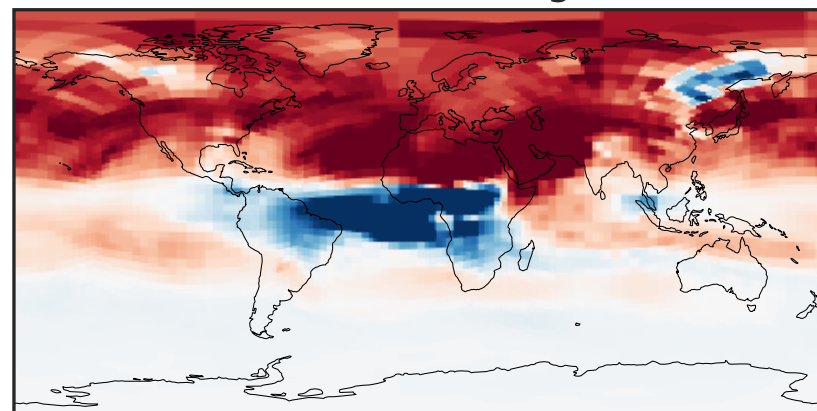
0.015 0.030
 $\mu\text{g}/\text{m}^3$

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



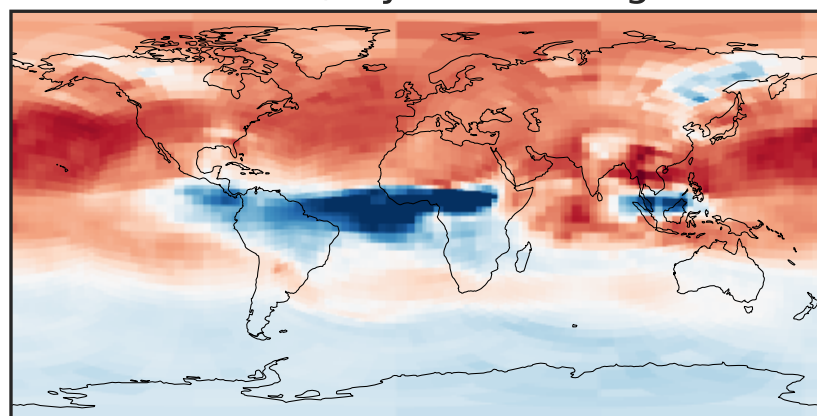
-0.00025 0.00000 0.00025
 $\mu\text{g}/\text{m}^3$

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



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

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



0.99119 0.99559 1.00000 1.00444 1.00889
unitless

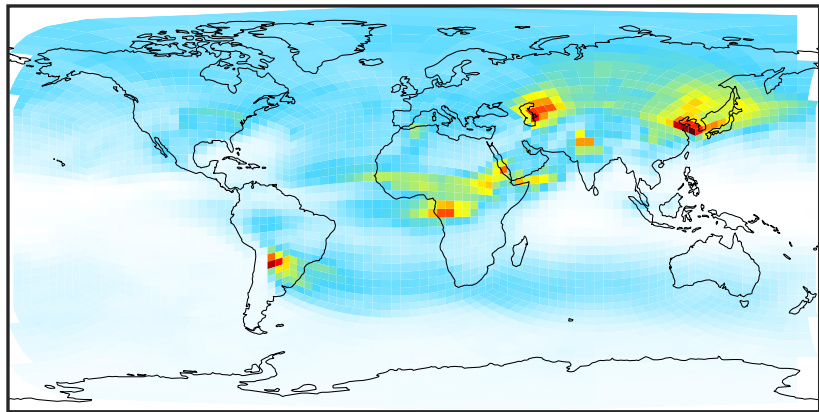
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

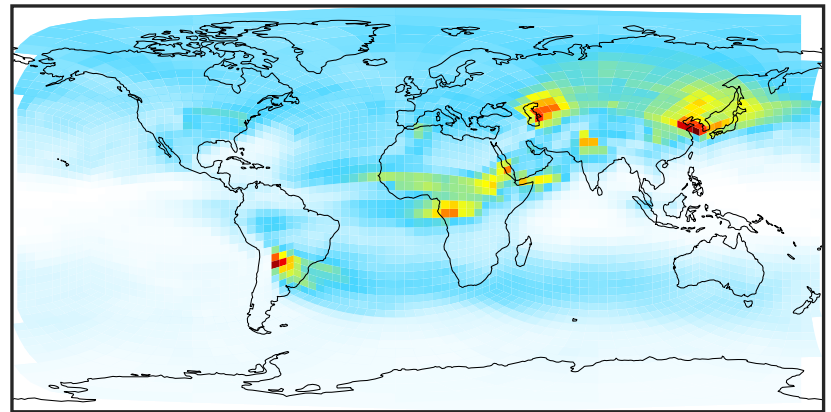
SpeciesConcVV_INDIOL (Jul2019)

14.2.0-rc.2 (Ref)
c24



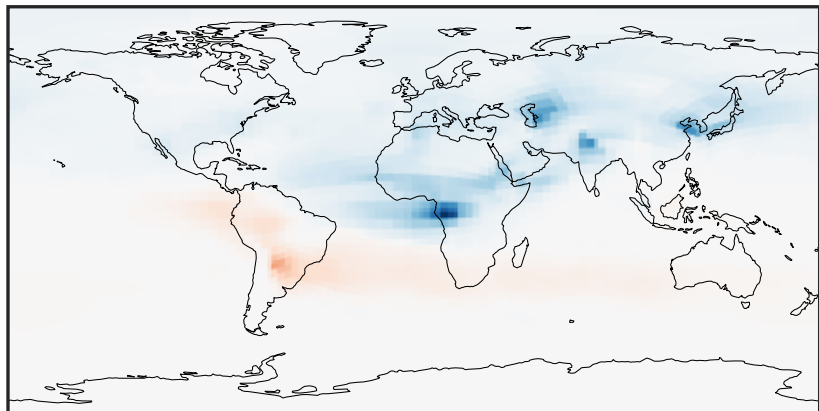
0.0003 0.0444 0.0886 0.1327 0.1768
 $\mu\text{g}/\text{m}^3$

14.3.0-rc.0 (Dev)
c24



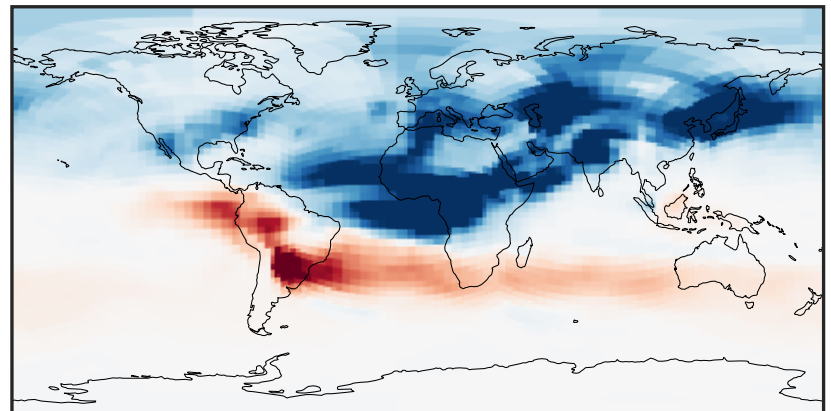
0.0003 0.0444 0.0886 0.1327 0.1768
 $\mu\text{g}/\text{m}^3$

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



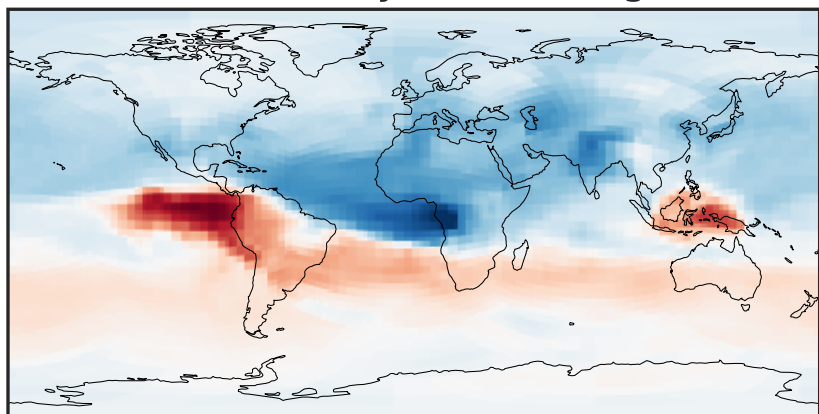
-0.005 0.000 0.005
 $\mu\text{g}/\text{m}^3$

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



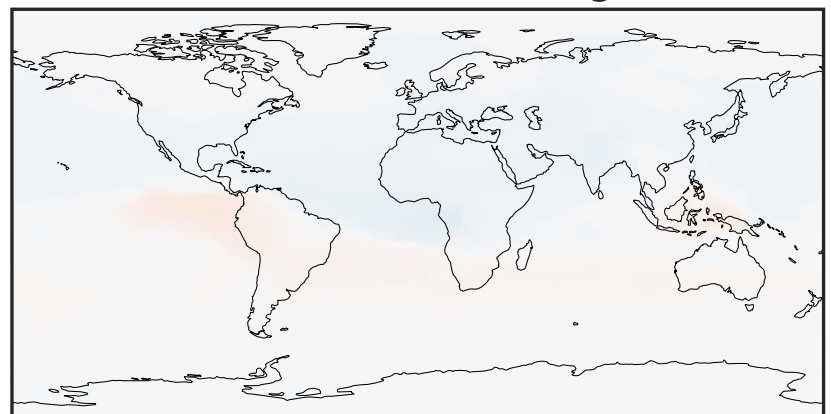
-0.001 0.000 0.001
 $\mu\text{g}/\text{m}^3$

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



0.9302 0.9651 1.0000 1.0375 1.0750
unitless

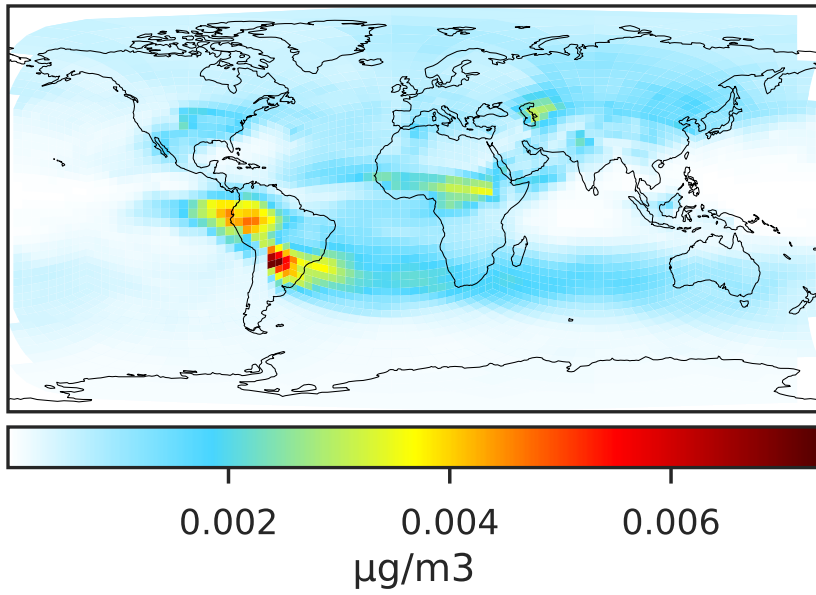
Ratio (1x1.25)
Dev/Ref, Fixed Range



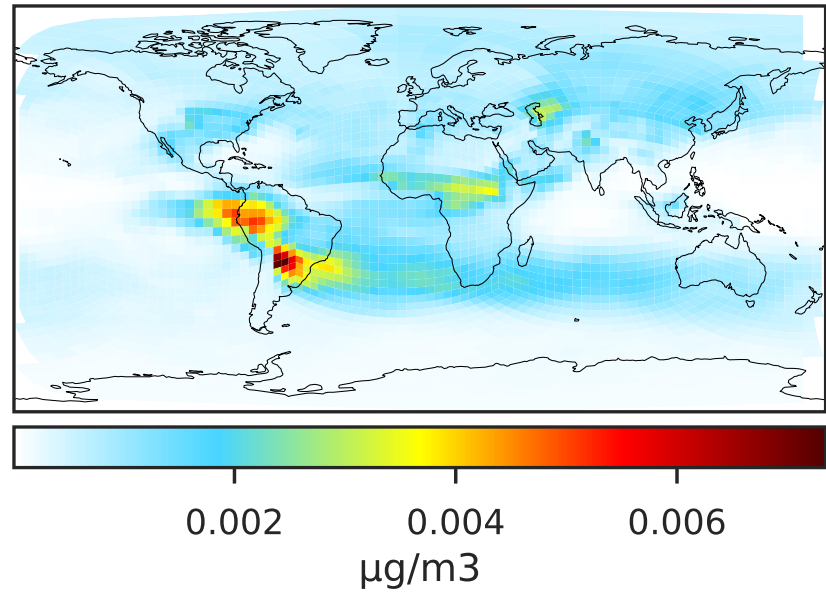
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_LVOCOA (Jul2019)

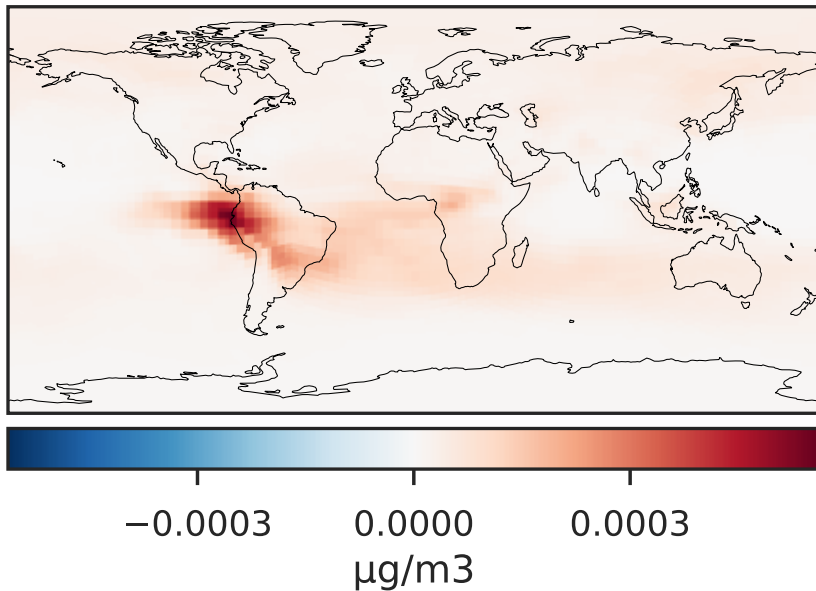
14.2.0-rc.2 (Ref)
c24



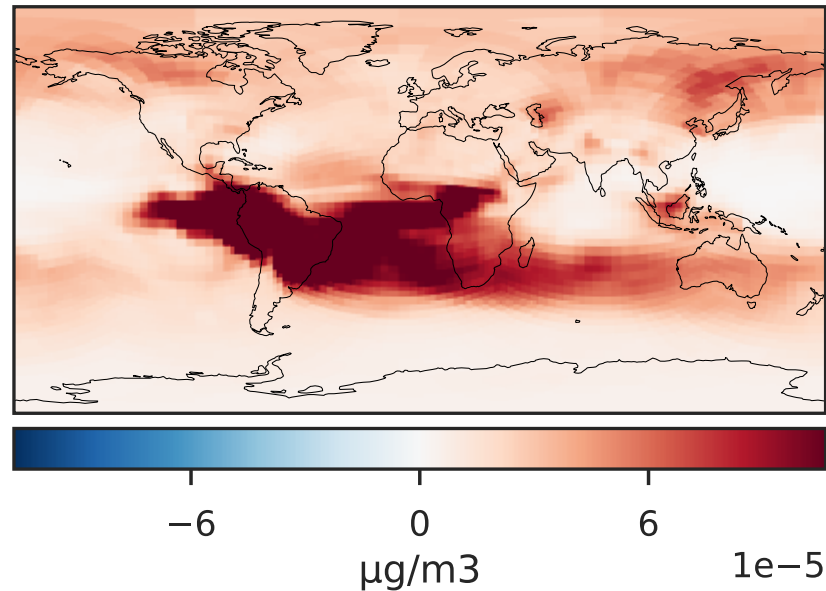
14.3.0-rc.0 (Dev)
c24



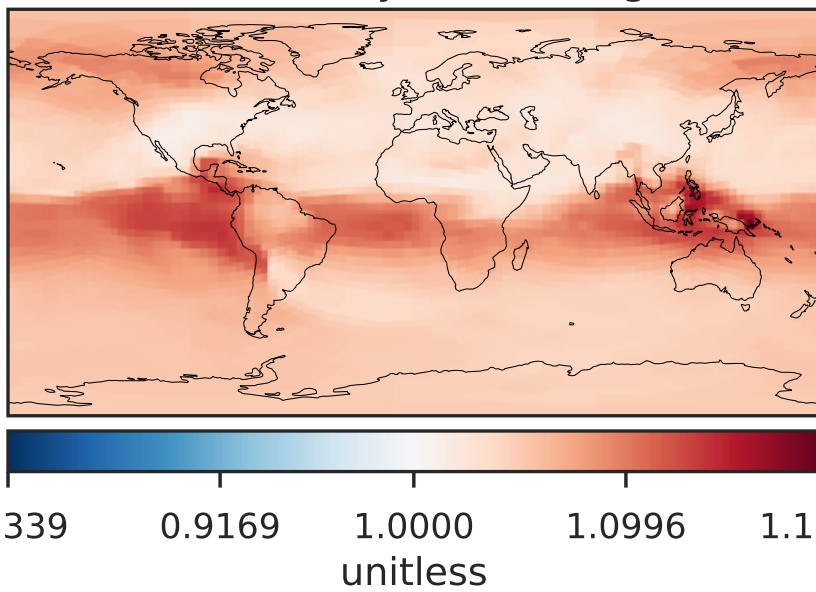
Difference (1x1.25)
Dev - Ref, Dynamic Range



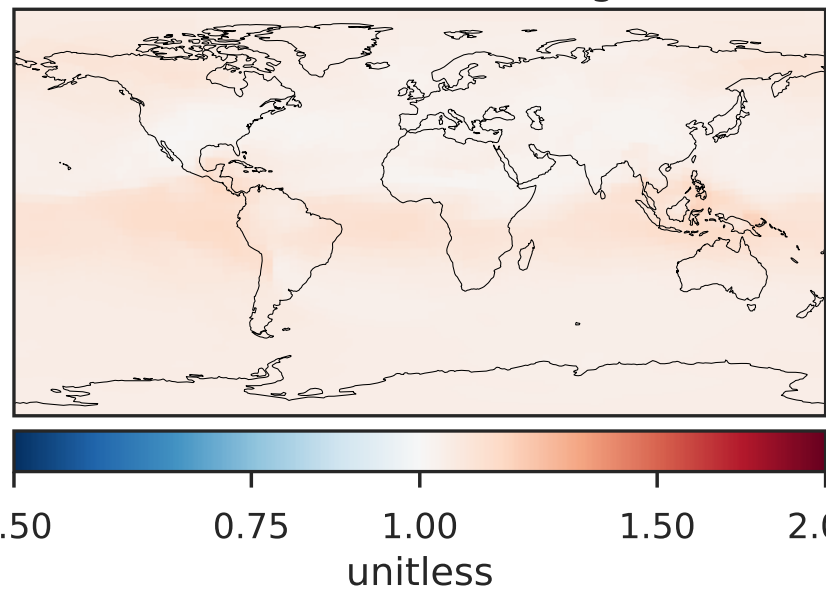
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

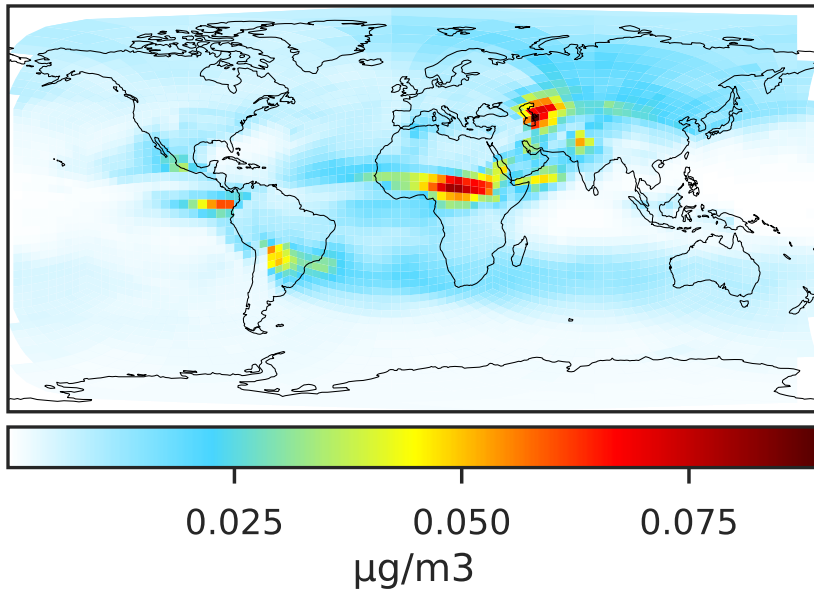


Ratio (1x1.25)
Dev/Ref, Fixed Range

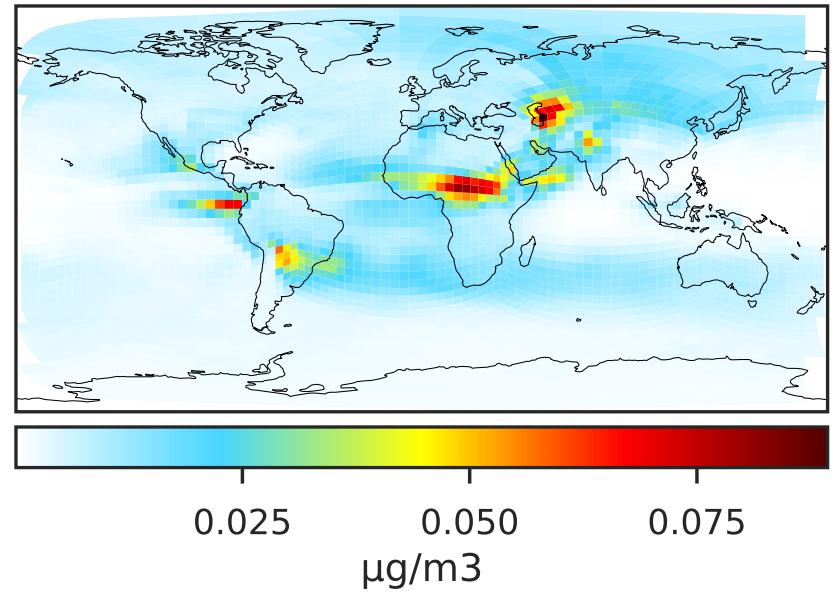


SpeciesConcVV_SOAIE (Jul2019)

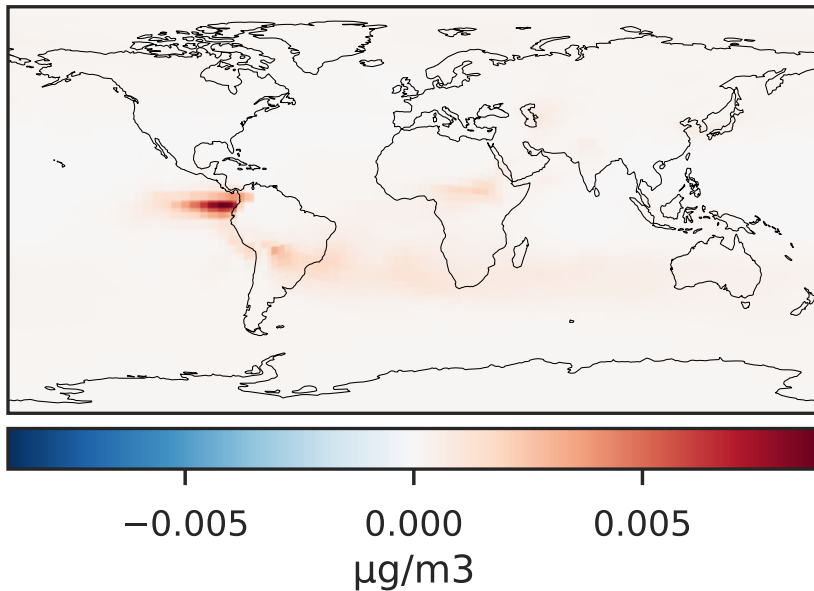
14.2.0-rc.2 (Ref)
c24



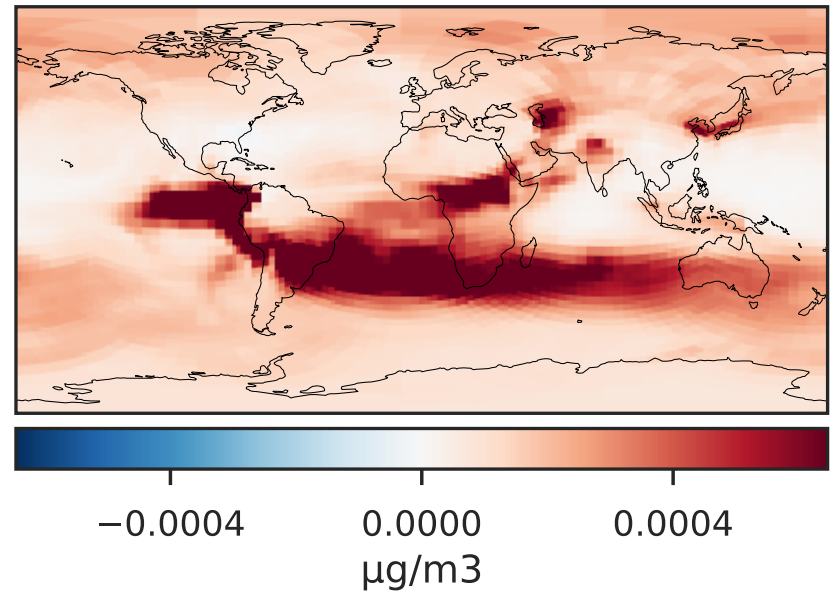
14.3.0-rc.0 (Dev)
c24



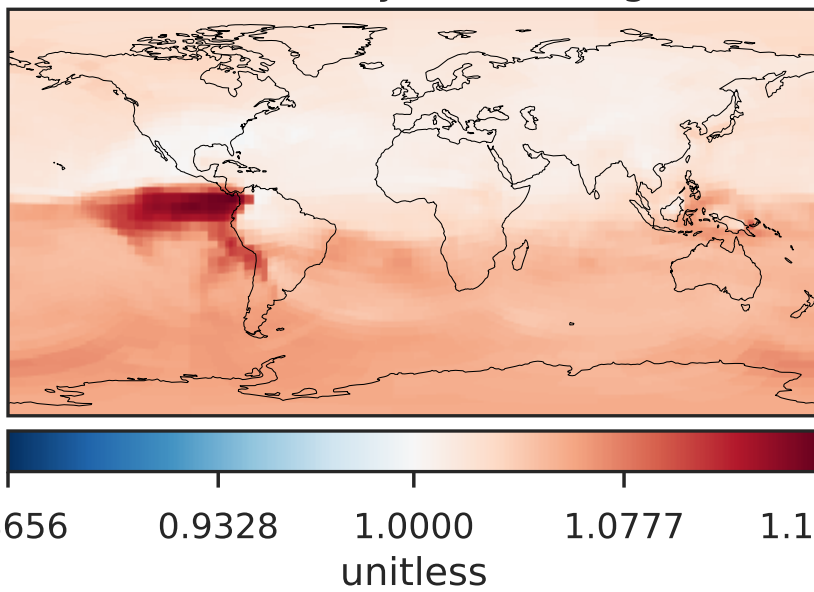
Difference (1x1.25)
Dev - Ref, Dynamic Range



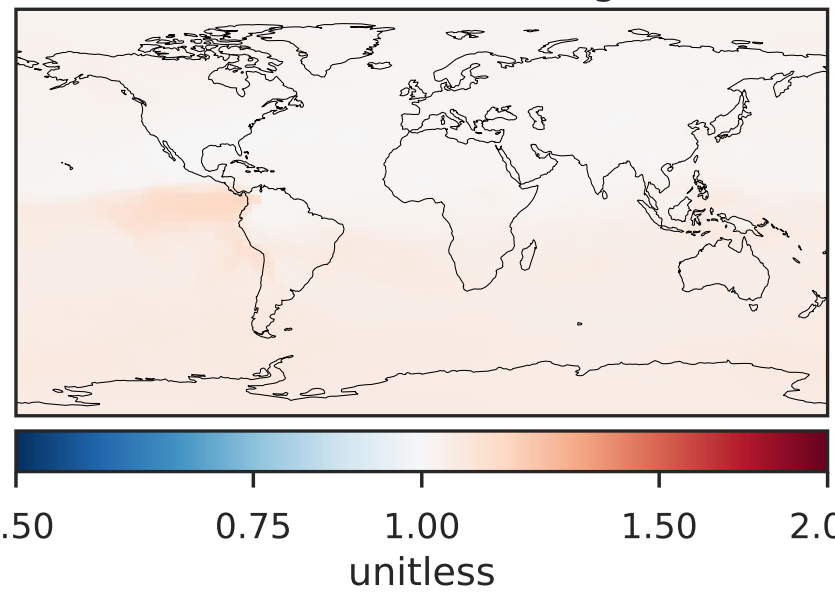
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

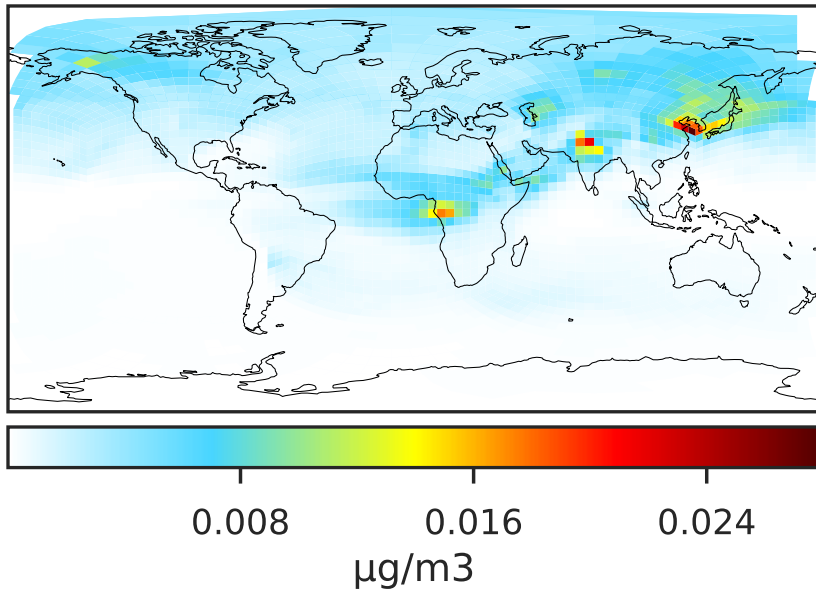


Ratio (1x1.25)
Dev/Ref, Fixed Range

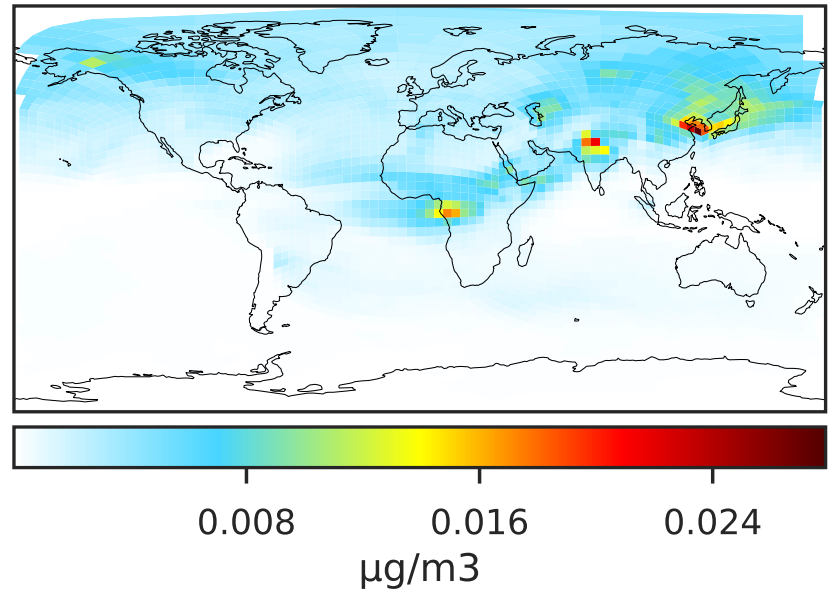


SpeciesConcVV_SOAGX (Jul2019)

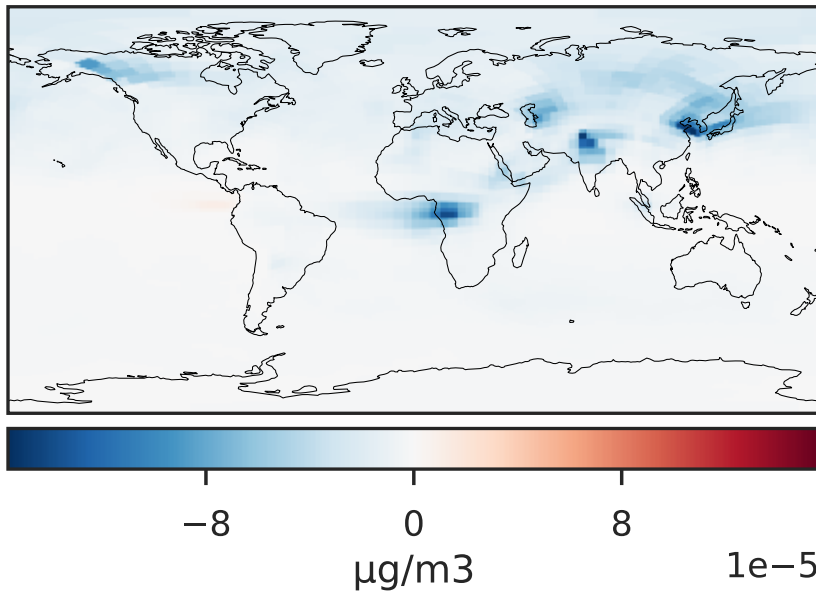
14.2.0-rc.2 (Ref)
c24



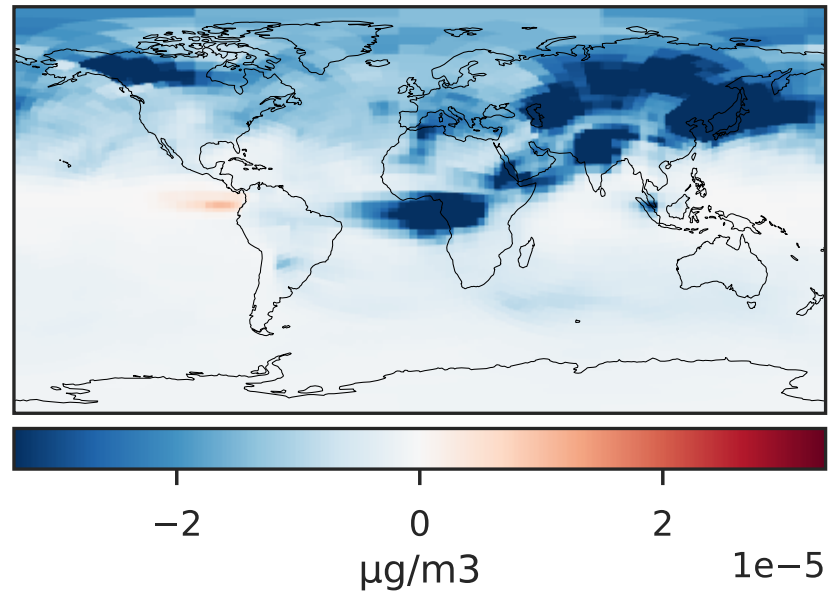
14.3.0-rc.0 (Dev)
c24



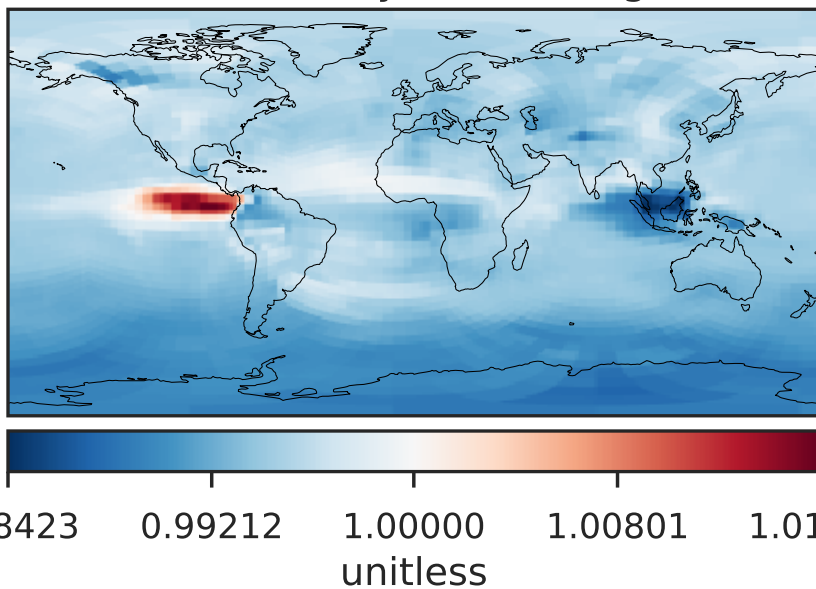
Difference (1x1.25)
Dev - Ref, Dynamic Range



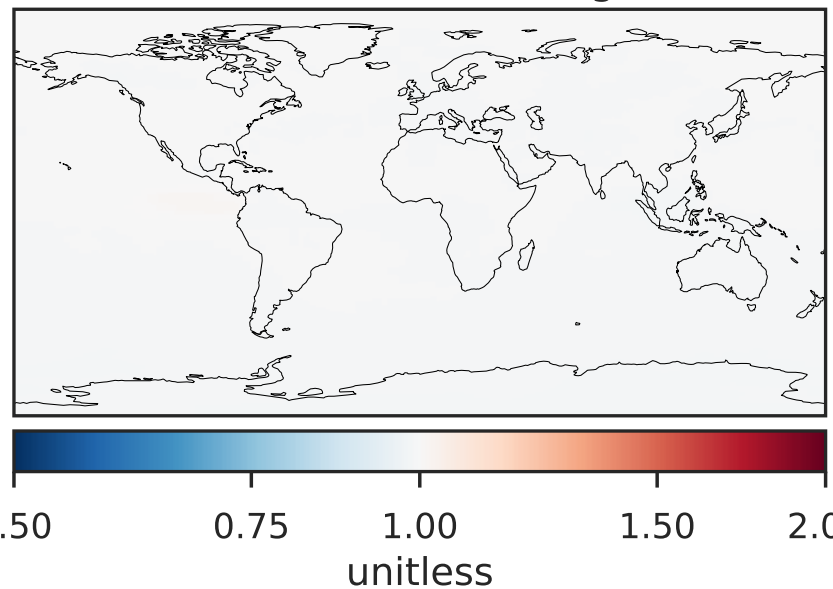
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

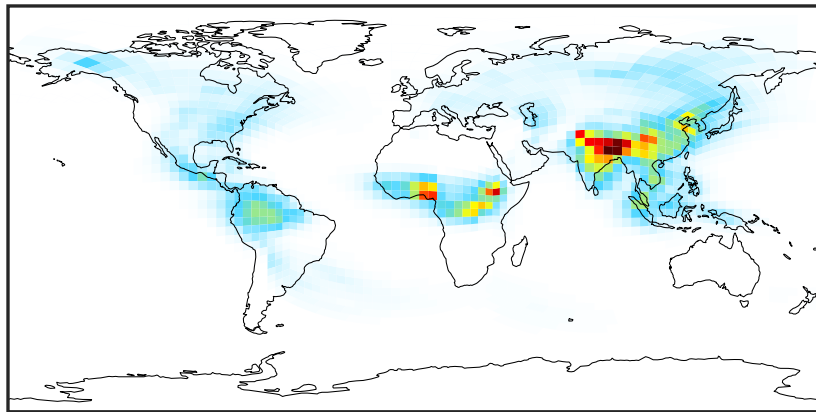


Ratio (1x1.25)
Dev/Ref, Fixed Range



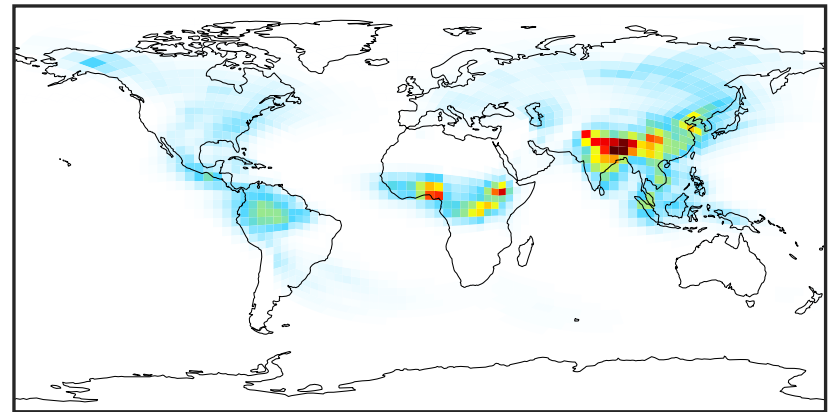
SpeciesConcVV_SOAP (Jul2019)

14.2.0-rc.2 (Ref)
c24



0.0000 0.0364 0.0728 0.1091 0.1455
µg/m3

14.3.0-rc.0 (Dev)
c24



0.0000 0.0364 0.0728 0.1091 0.1455
µg/m3

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



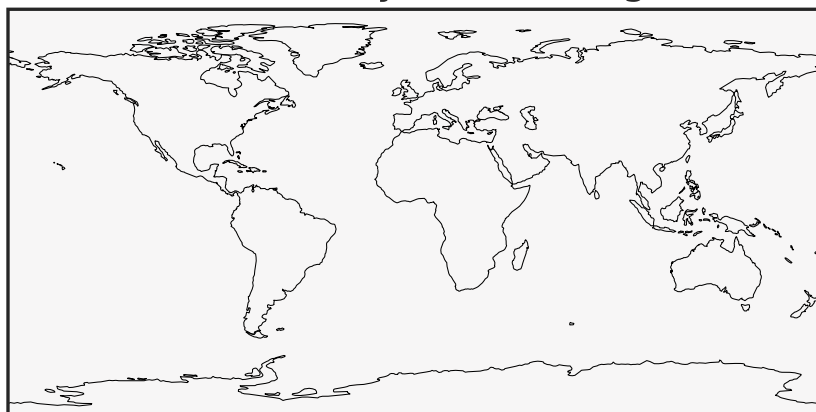
Zero throughout domain
µg/m3

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



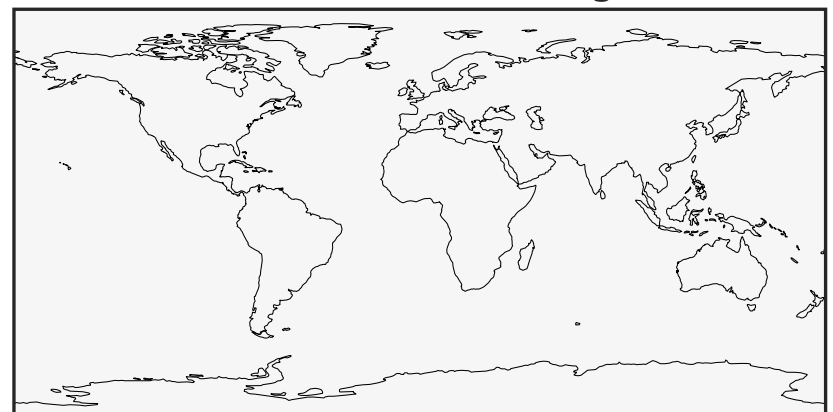
Zero throughout domain
µg/m3

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



Ref and Dev equal throughout domain
unitless

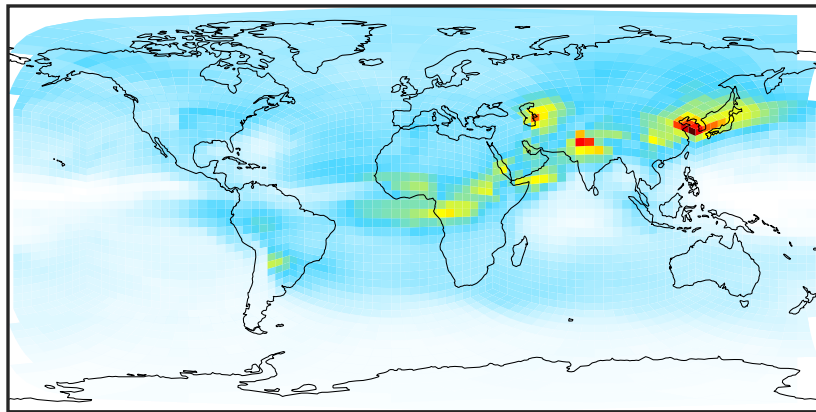
Ratio (1x1.25)
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless

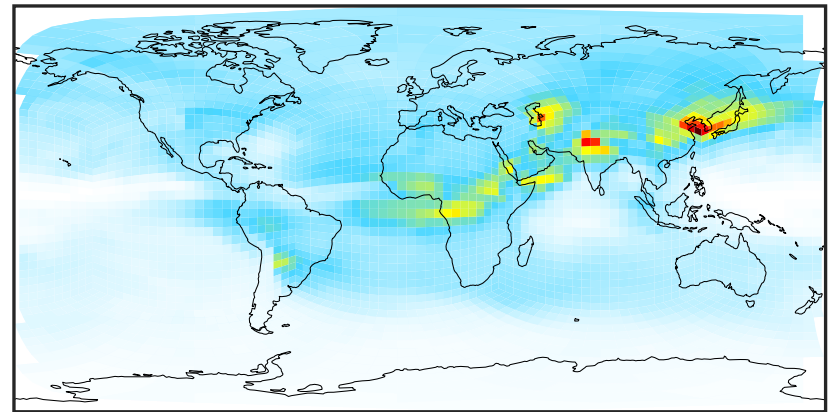
SpeciesConcVW_SOAS (Jul2019)

14.2.0-rc.2 (Ref)
c24



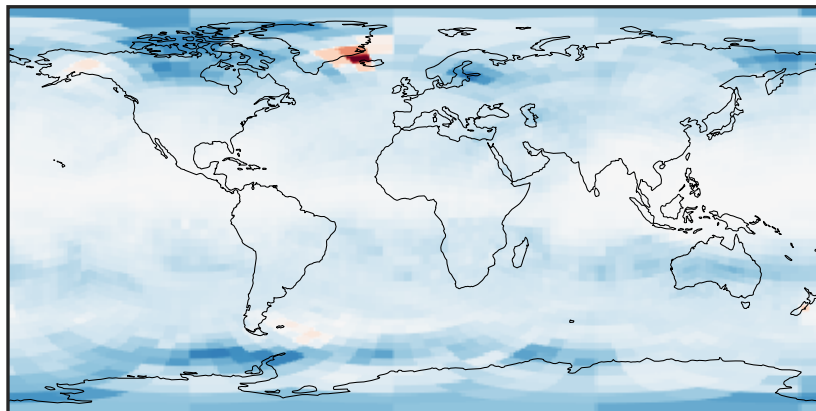
0.0017 0.1212 0.2406 0.3601 0.4795
 $\mu\text{g}/\text{m}^3$

14.3.0-rc.0 (Dev)
c24



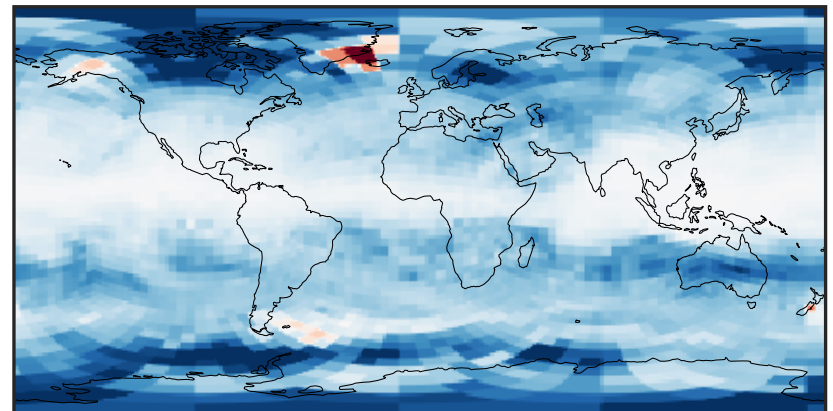
0.0017 0.1212 0.2406 0.3601 0.4795
 $\mu\text{g}/\text{m}^3$

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



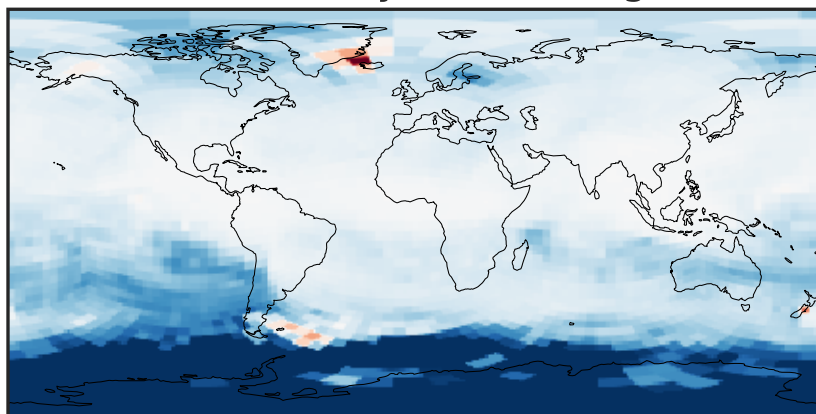
-5 0 5
 $\mu\text{g}/\text{m}^3$ $1\text{e}-6$

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



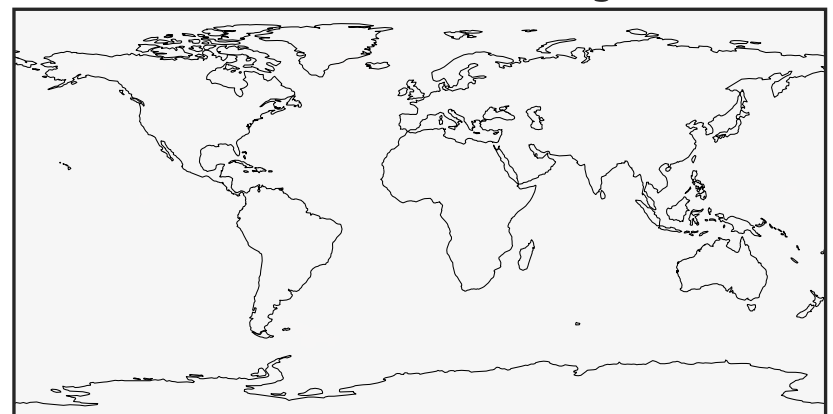
-2.5 0.0 2.5
 $\mu\text{g}/\text{m}^3$ $1\text{e}-6$

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



0.9998174 1.0000000 1.0001826
unitless

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



0.50 0.75 1.00 1.50 2.00
unitless