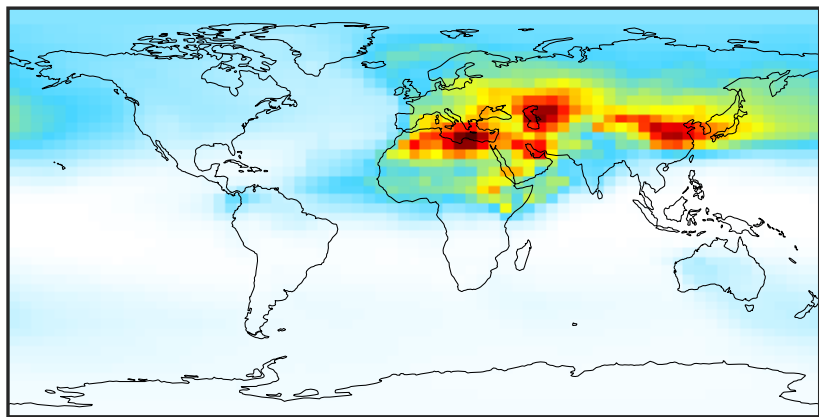


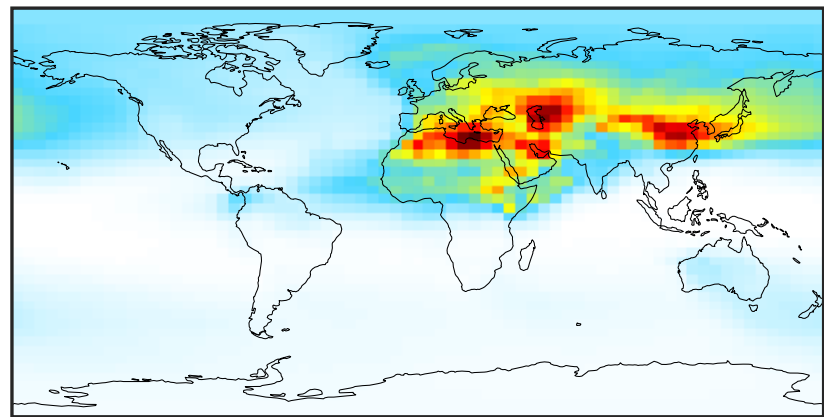
SpeciesConcVW_DST1 (AnnualMean)

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



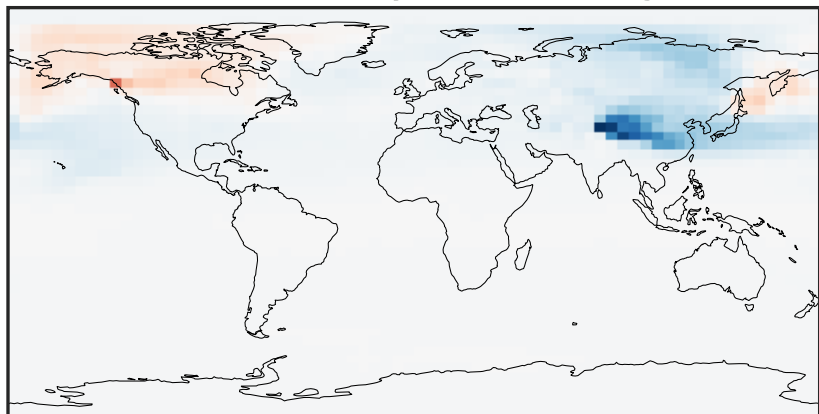
0.002 0.315 0.628 0.941 1.254
 $\mu\text{g}/\text{m}^3$

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



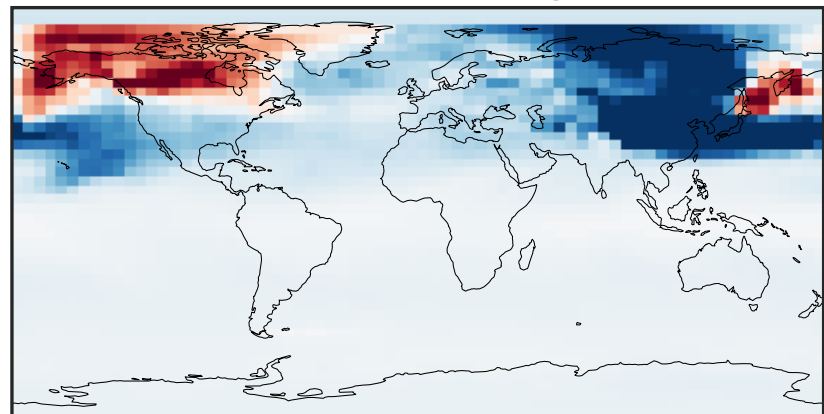
0.002 0.315 0.628 0.941 1.254
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



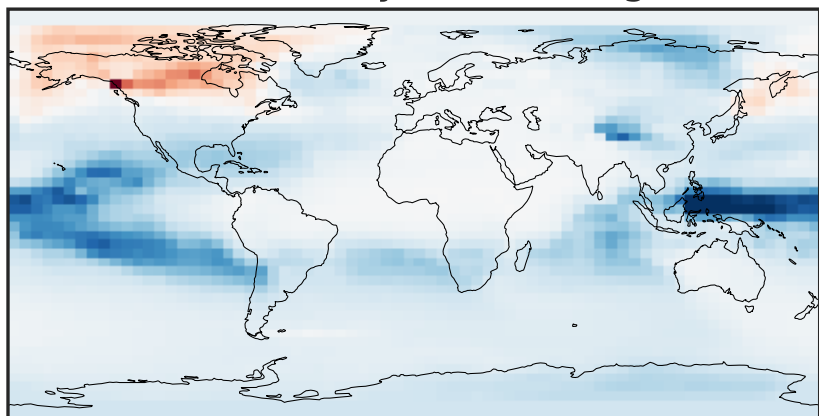
-5 0 5
 $\mu\text{g}/\text{m}^3$ $1\text{e}-5$

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



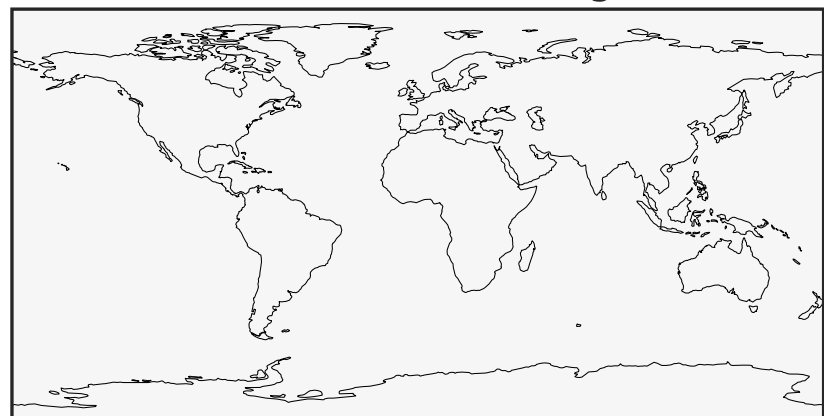
-8 0 8
 $\mu\text{g}/\text{m}^3$ $1\text{e}-6$

Ratio
Dev/Ref, Dynamic Range



0.9997845 1.000000 1.0002155
unitless

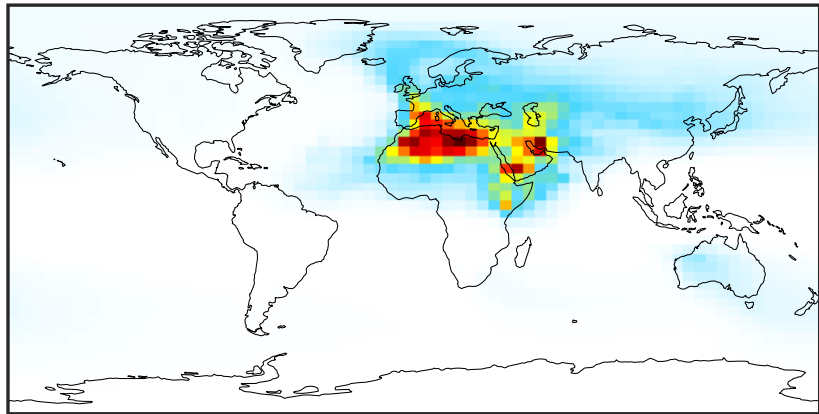
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

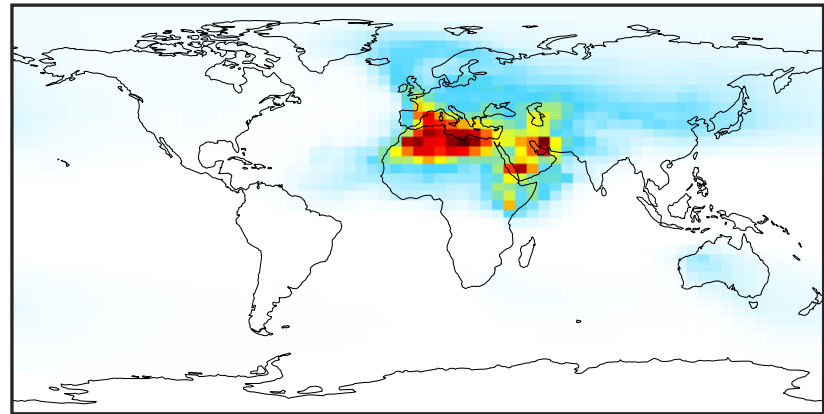
SpeciesConcVW_DST2 (AnnualMean)

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



0.0000 0.2207 0.4413 0.6620 0.8826 $\mu\text{g}/\text{m}^3$

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



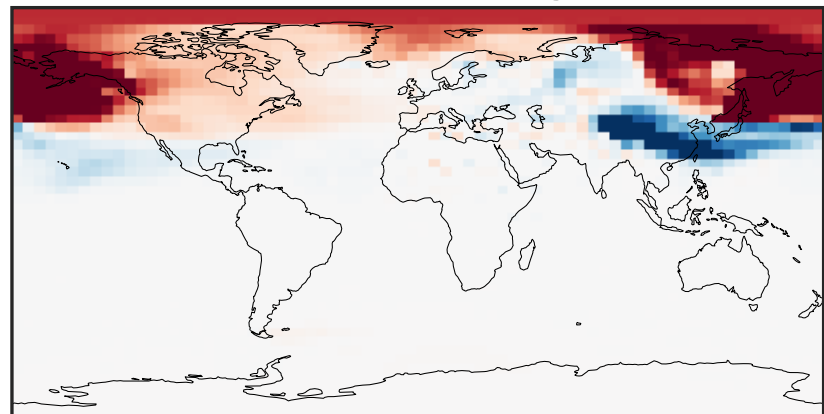
0.0000 0.2207 0.4413 0.6620 0.8826 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



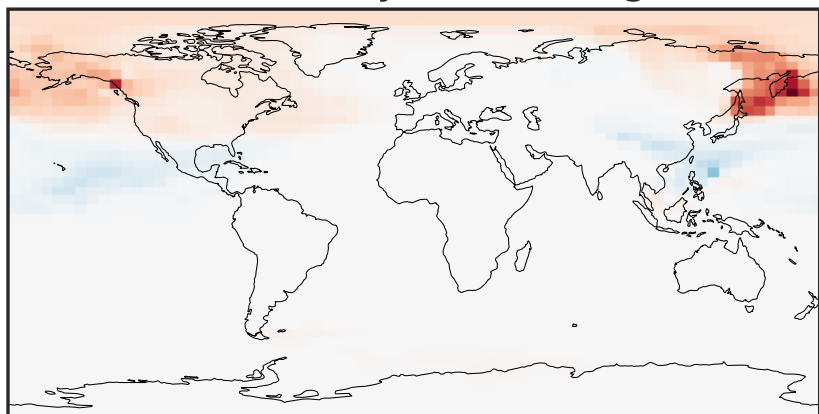
-6 0 6 $\mu\text{g}/\text{m}^3$ $1\text{e}-6$

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



-4 0 4 $\mu\text{g}/\text{m}^3$ $1\text{e}-7$

Ratio
Dev/Ref, Dynamic Range



0.999828 1.000000 1.000172 unitless

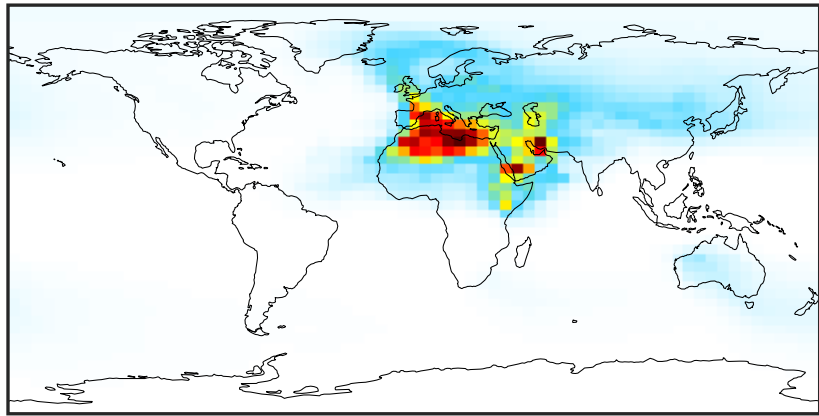
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00 unitless

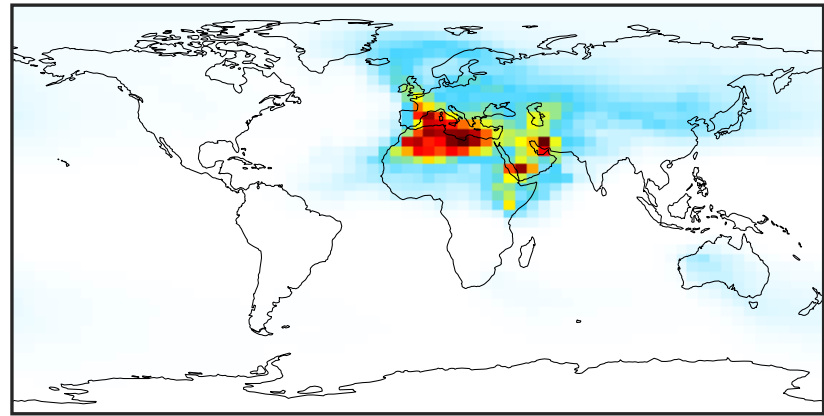
SpeciesConcVW_DST3 (AnnualMean)

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



0.000 0.264 0.527 0.791 1.054
µg/m³

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



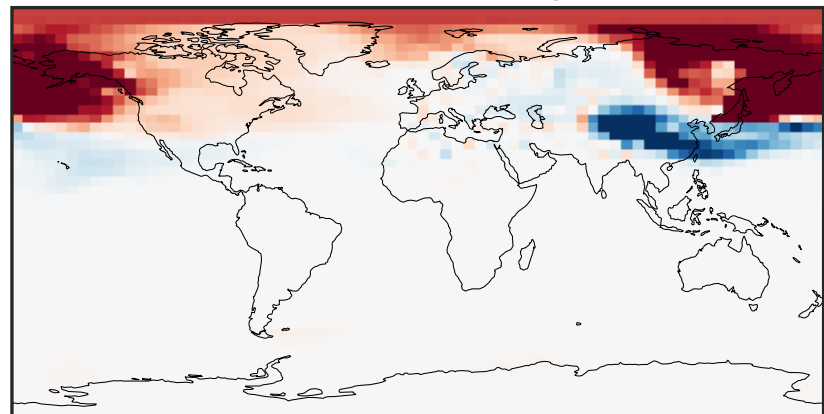
0.000 0.264 0.527 0.791 1.054
µg/m³

Difference
Dev - Ref, Dynamic Range



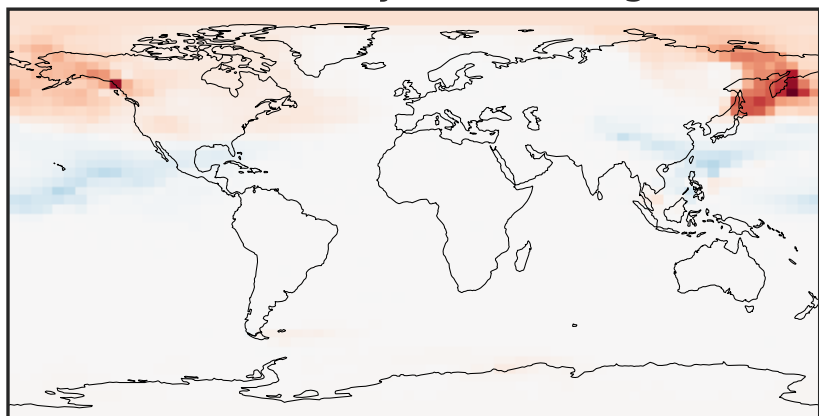
-6 0 6
µg/m³ 1e-6

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



-4 0 4
µg/m³ 1e-7

Ratio
Dev/Ref, Dynamic Range



0.999837 1.000000 1.000163
unitless

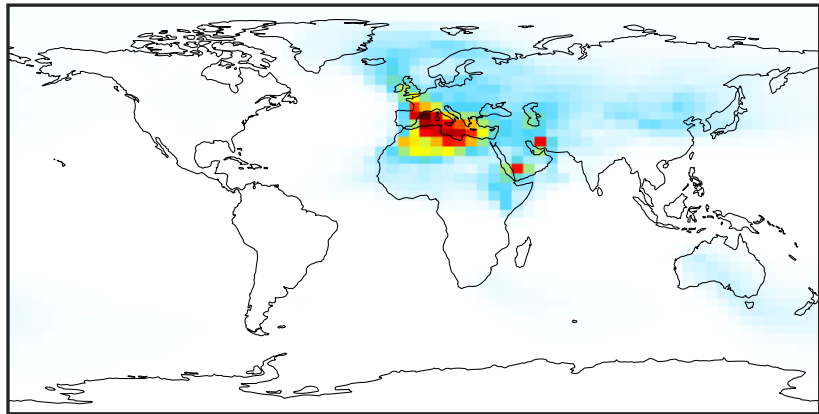
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

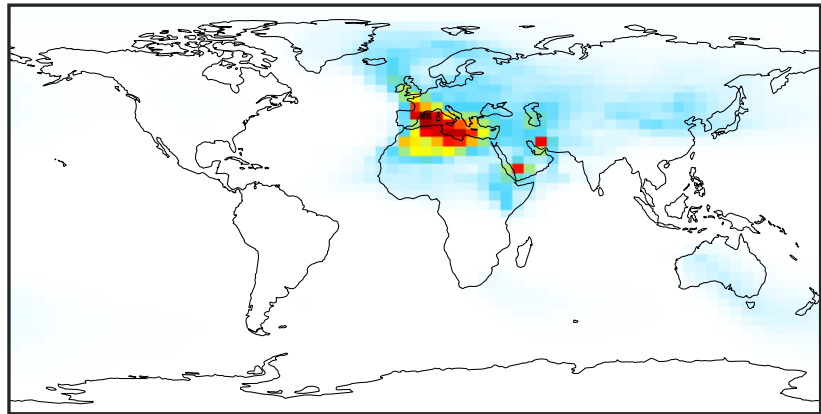
SpeciesConcVW_DST4 (AnnualMean)

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



0.0000 0.1112 0.2224 0.3335 0.4447 $\mu\text{g}/\text{m}^3$

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



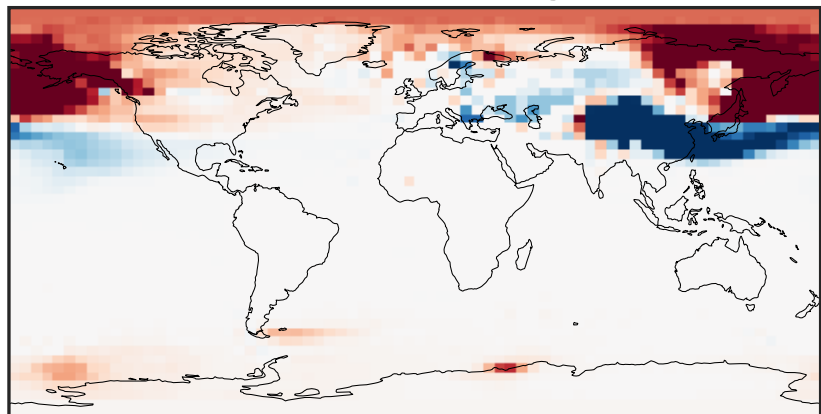
0.0000 0.1112 0.2224 0.3335 0.4447 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



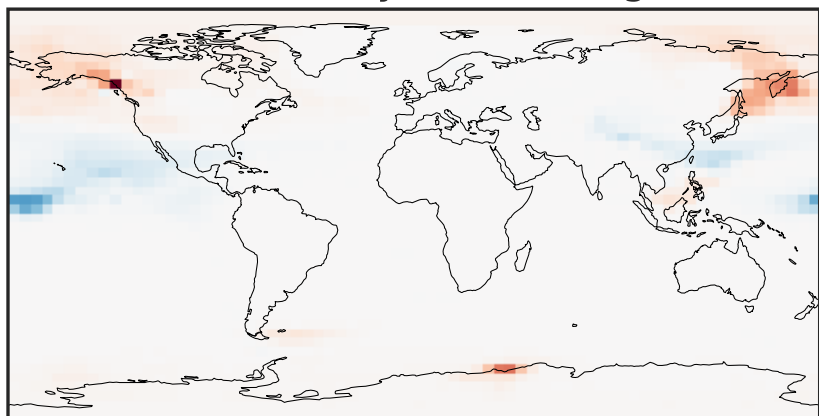
-6 0 6 $\mu\text{g}/\text{m}^3$ $1\text{e}-7$

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



-2 0 2 $\mu\text{g}/\text{m}^3$ $1\text{e}-8$

Ratio
Dev/Ref, Dynamic Range



0.9998641 1.000000 1.0001359 unitless

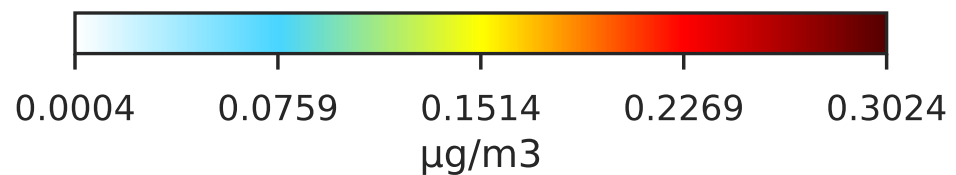
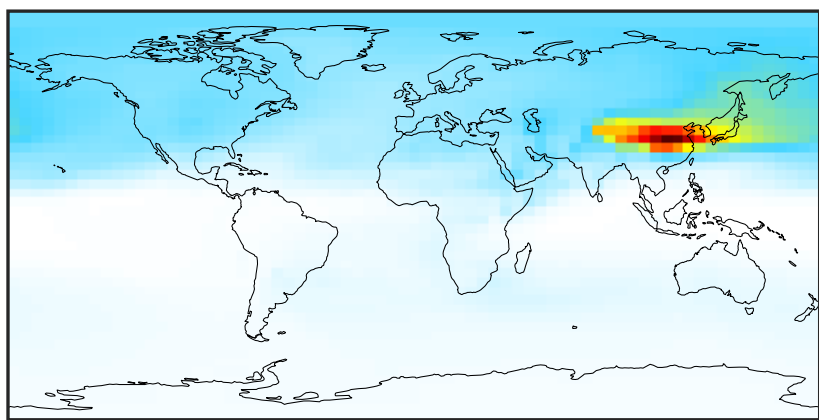
Ratio
Dev/Ref, Fixed Range



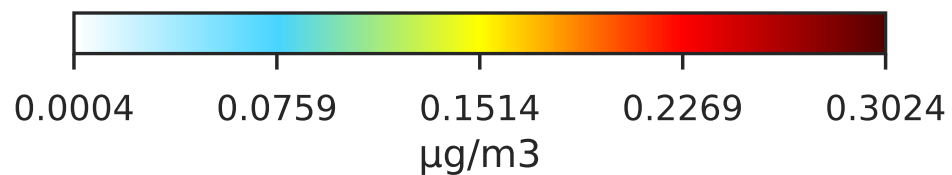
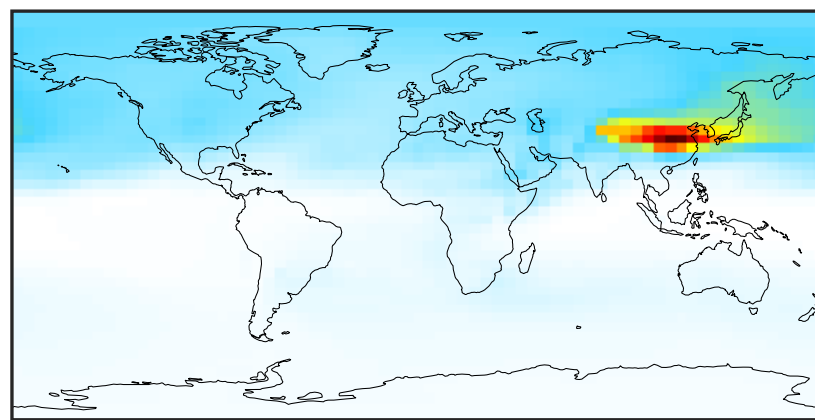
0.50 0.75 1.00 1.50 2.00 unitless

SpeciesConcVV_NH4 (AnnualMean)

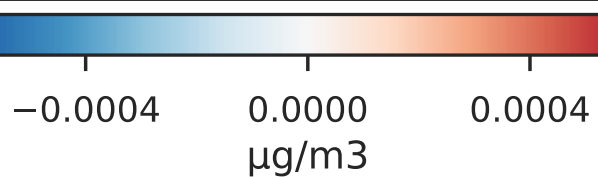
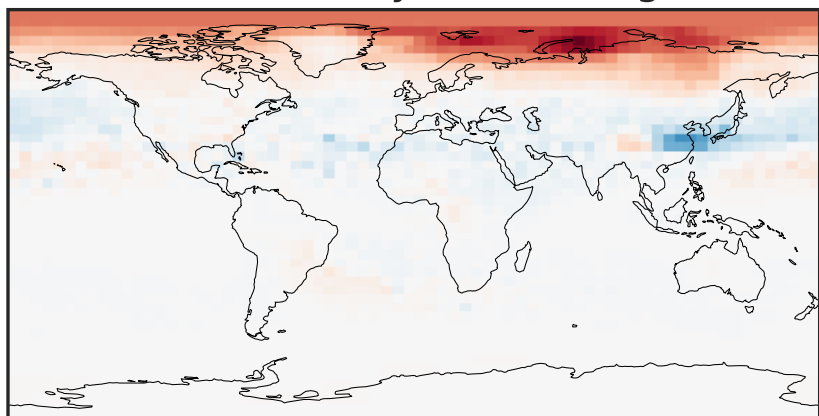
14.2.0-rc.2 (Ref)
4.0x5.0



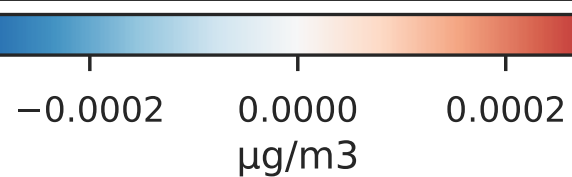
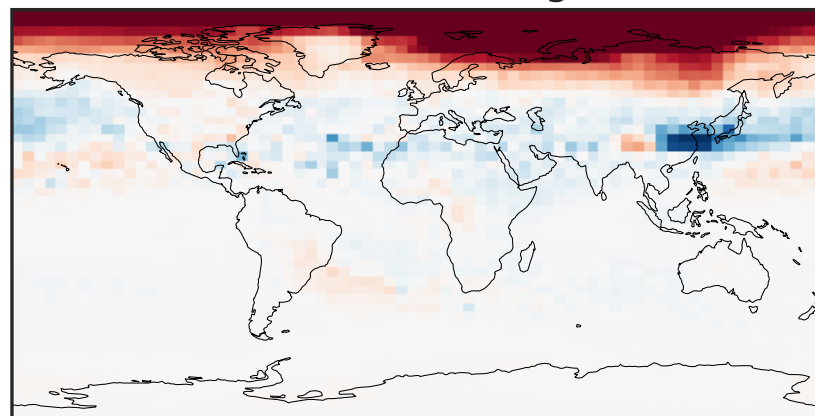
14.3.0-rc.0 (Dev)
4.0x5.0



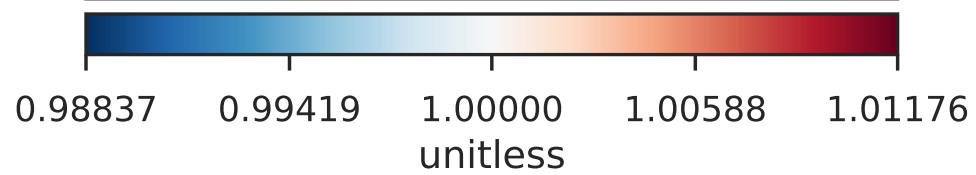
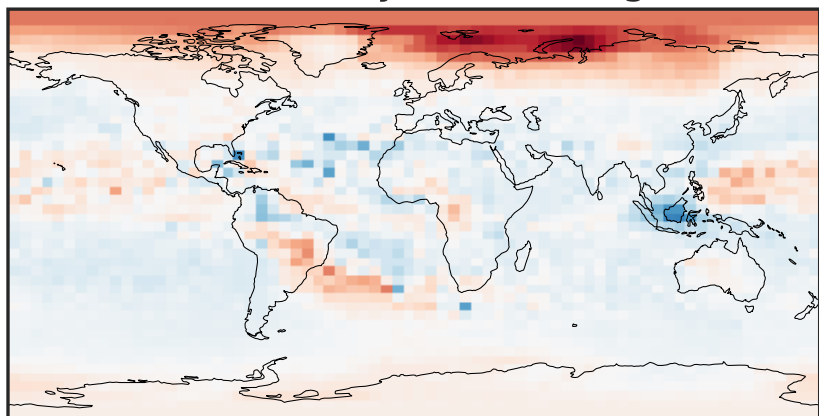
Difference
Dev - Ref, Dynamic Range



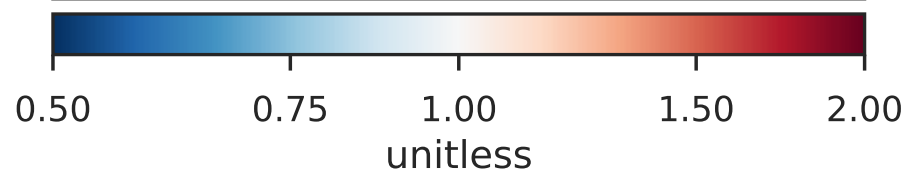
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

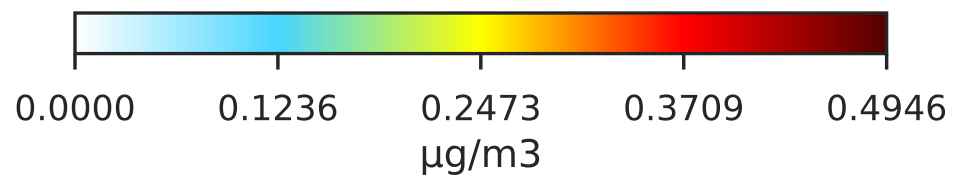
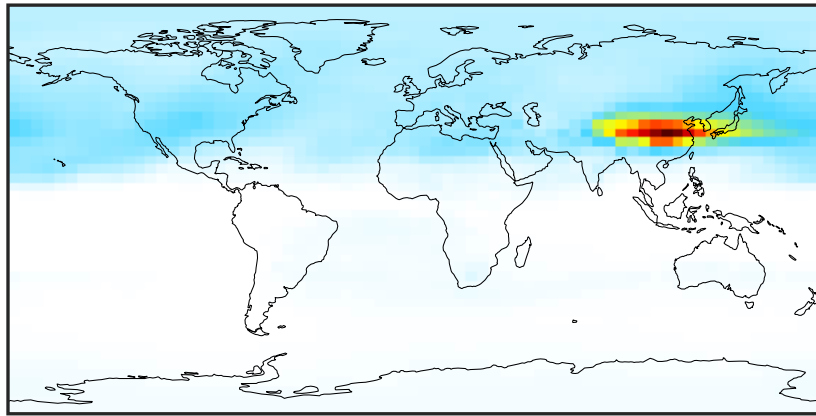


Ratio
Dev/Ref, Fixed Range

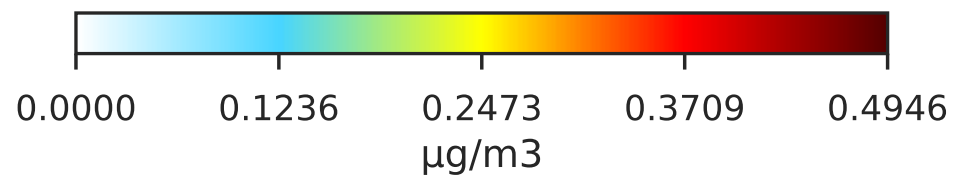
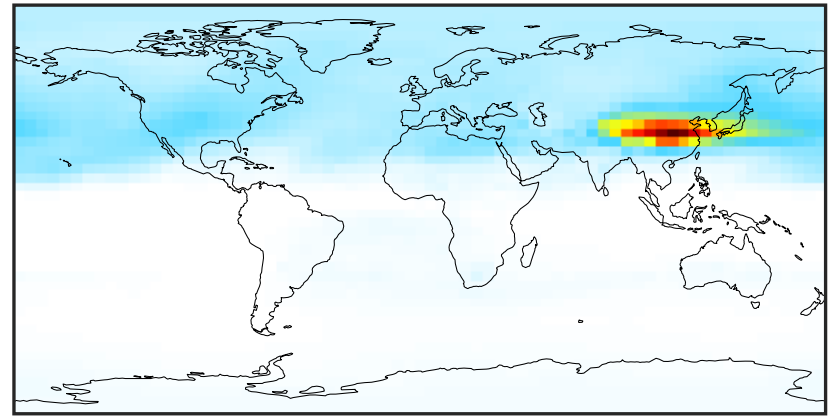


SpeciesConcVV_NIT (AnnualMean)

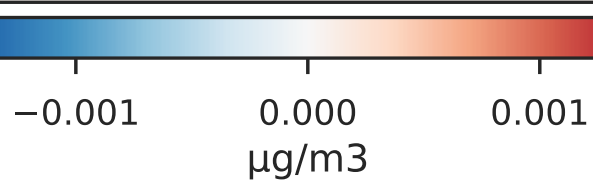
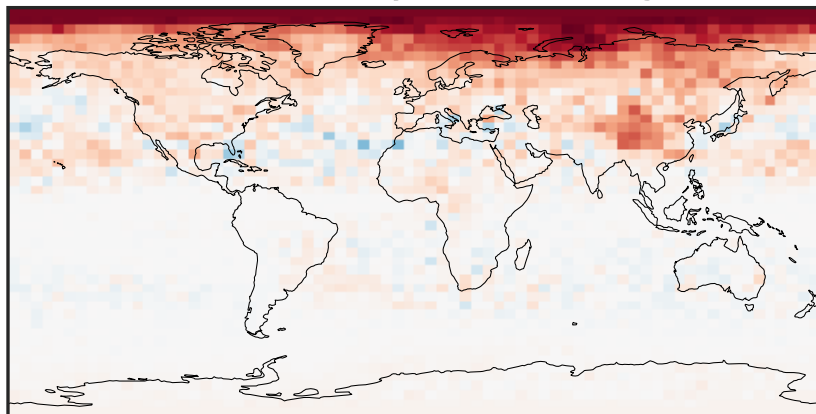
14.2.0-rc.2 (Ref)
4.0x5.0



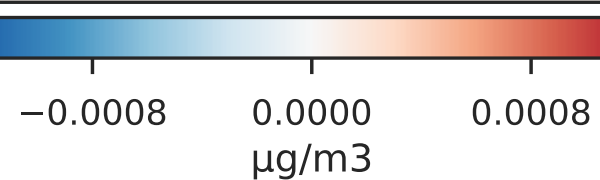
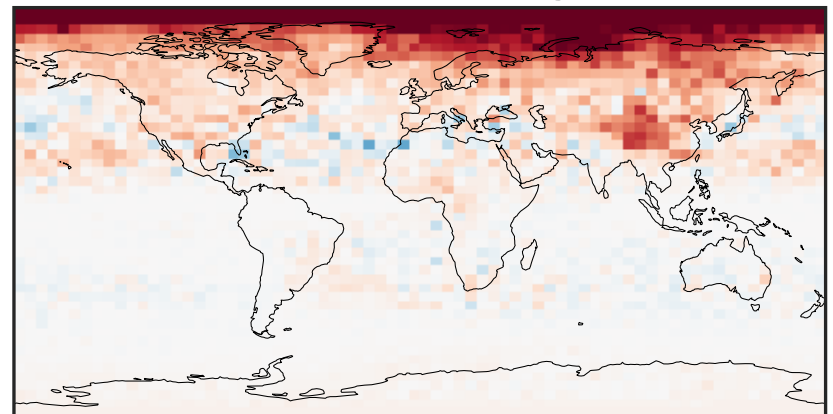
14.3.0-rc.0 (Dev)
4.0x5.0



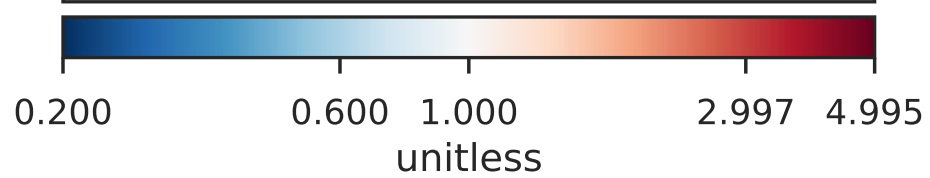
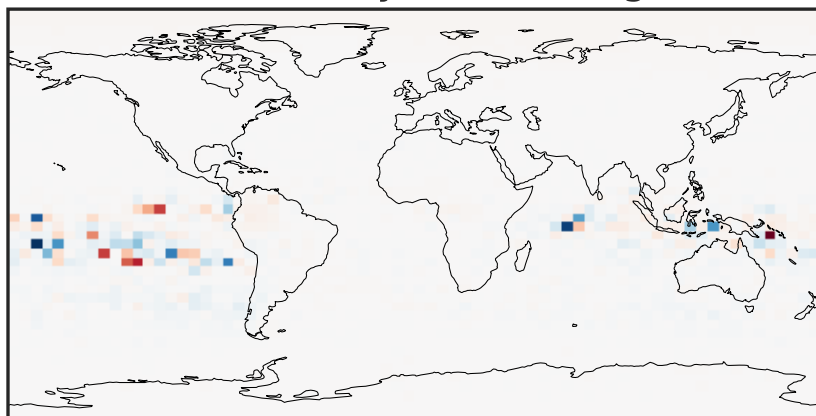
Difference
Dev - Ref, Dynamic Range



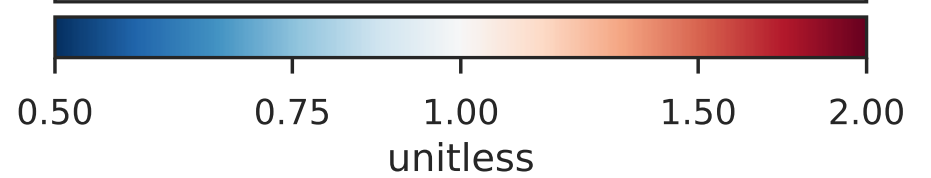
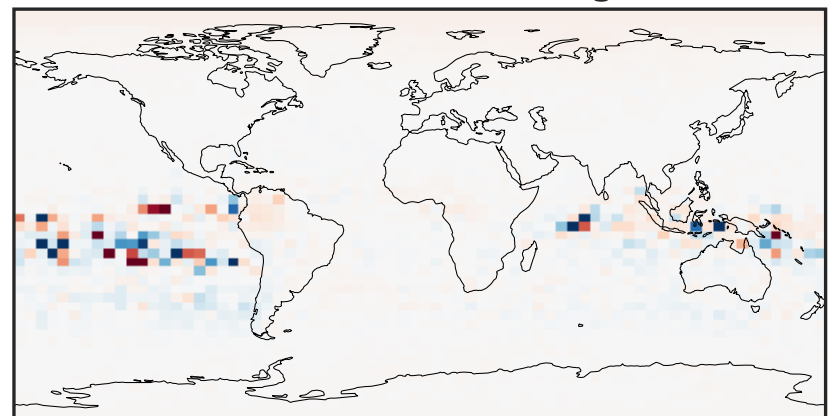
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

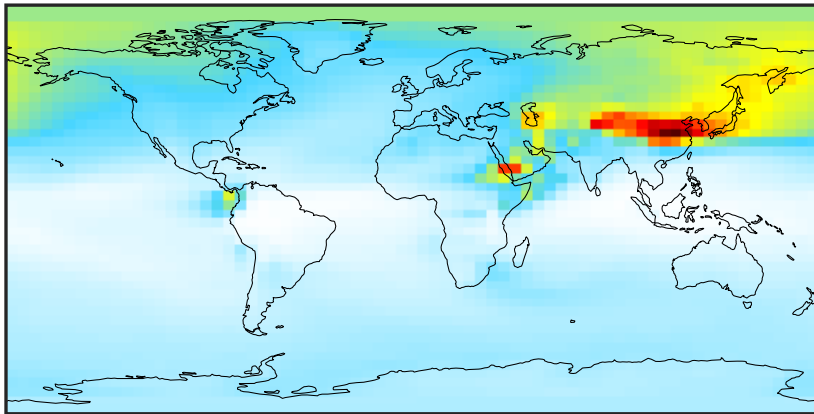


Ratio
Dev/Ref, Fixed Range



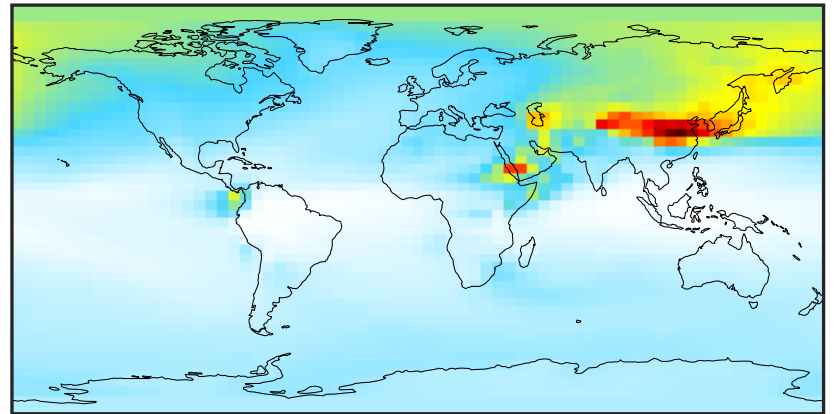
SpeciesConcVV_SO4 (AnnualMean)

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



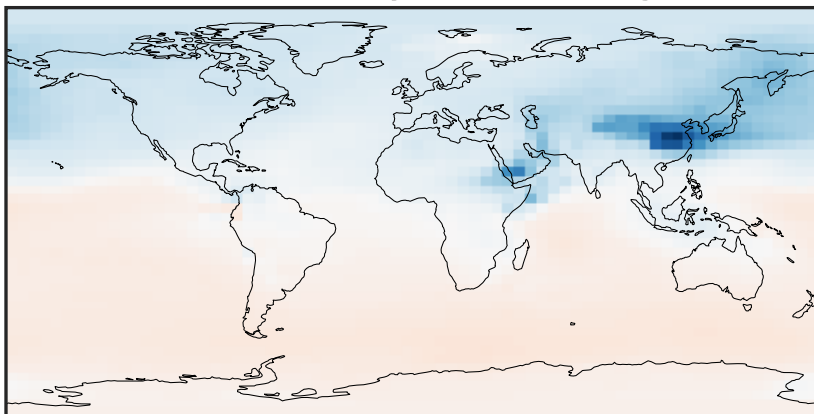
0.0062 0.1076 0.2090 0.3104 0.4117
 $\mu\text{g}/\text{m}^3$

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



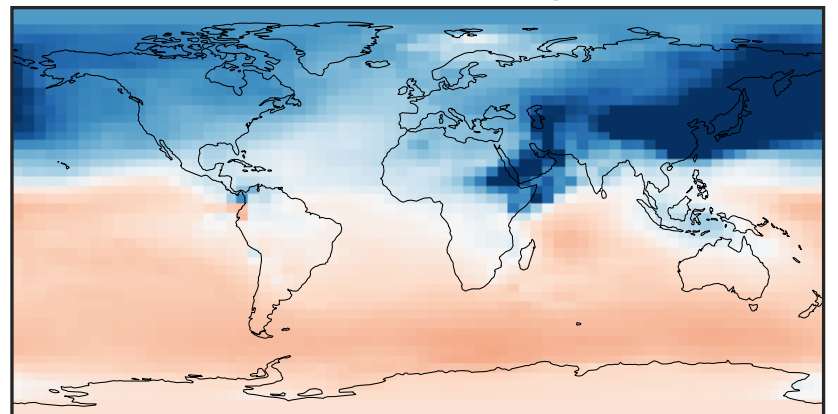
0.0062 0.1076 0.2090 0.3104 0.4117
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



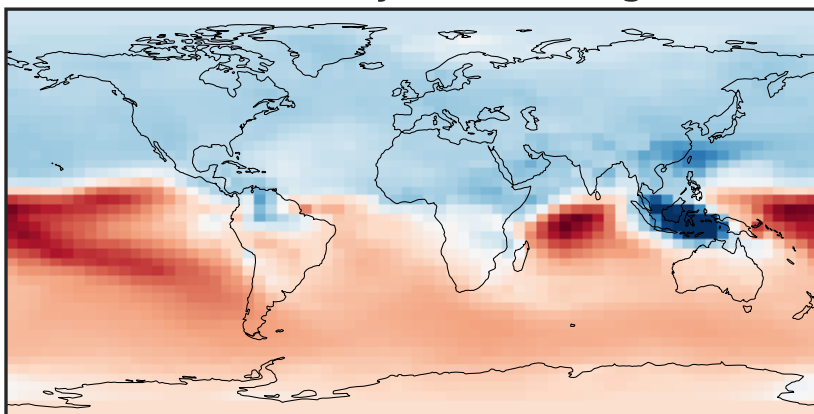
-0.0015 0.0000 0.0015
 $\mu\text{g}/\text{m}^3$

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



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

Ratio
Dev/Ref, Dynamic Range



0.98650 0.99325 1.00000 1.00684 1.01369
unitless

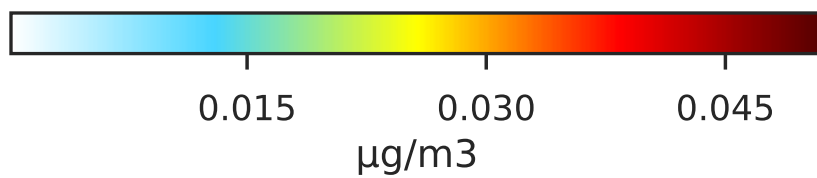
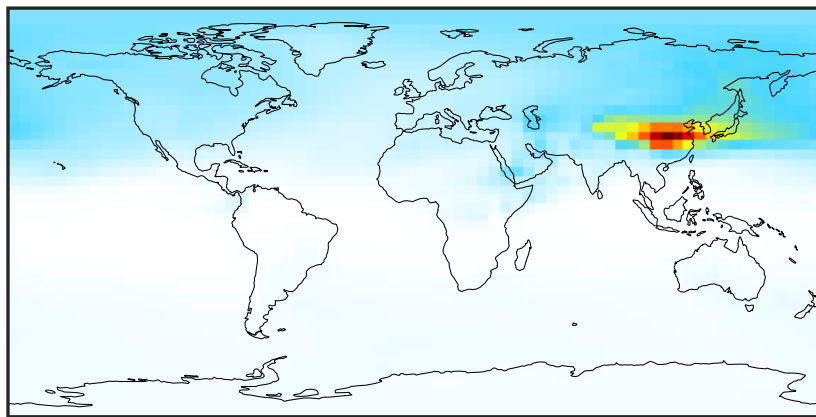
Ratio
Dev/Ref, Fixed Range



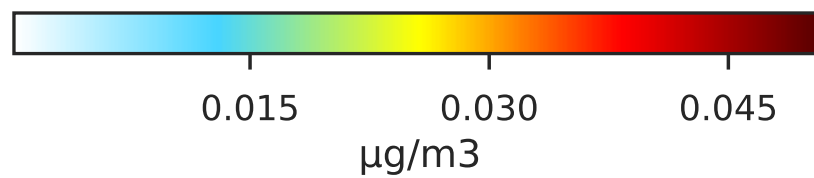
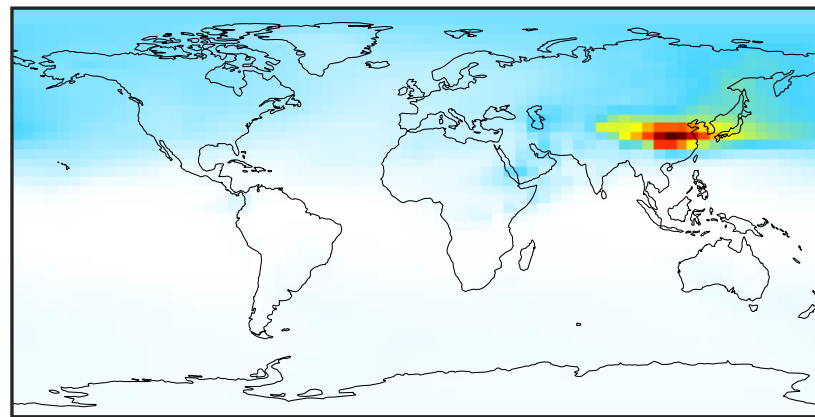
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_HMS (AnnualMean)

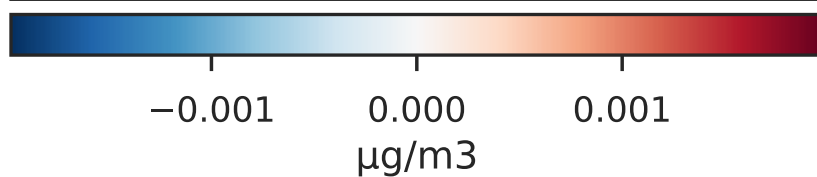
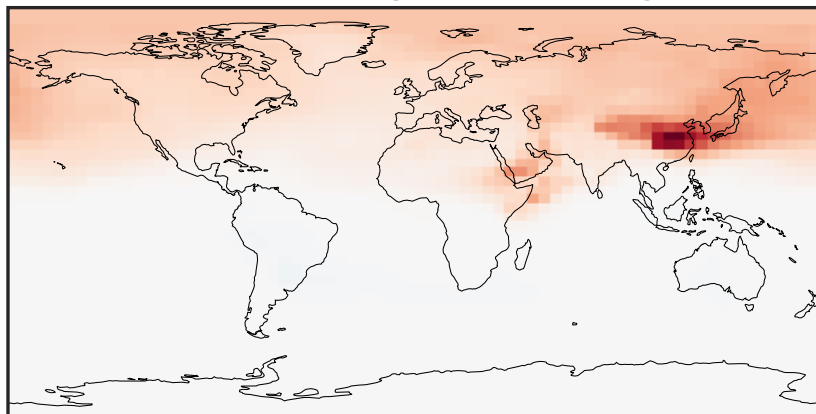
14.2.0-rc.2 (Ref)
4.0x5.0



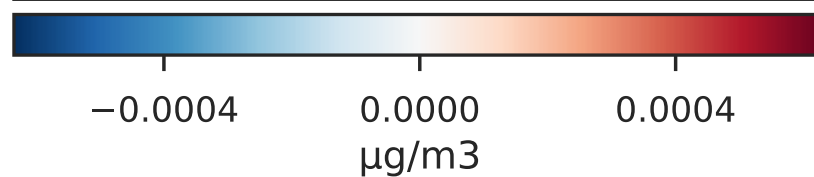
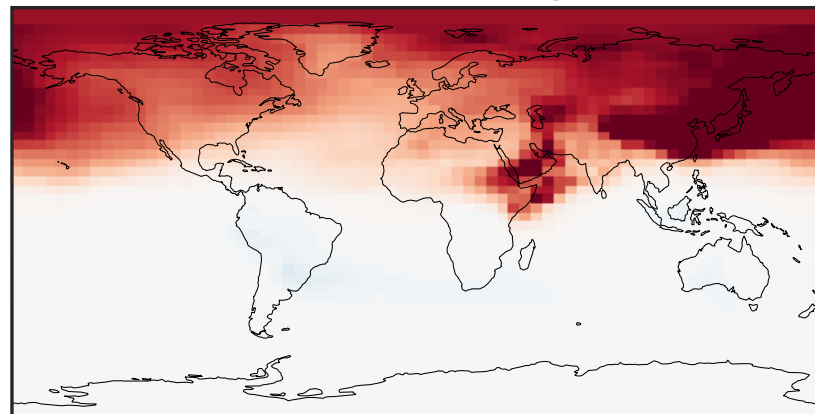
14.3.0-rc.0 (Dev)
4.0x5.0



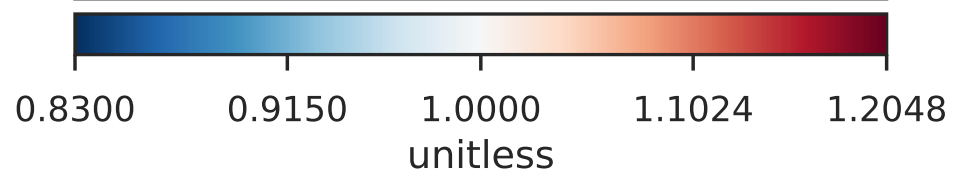
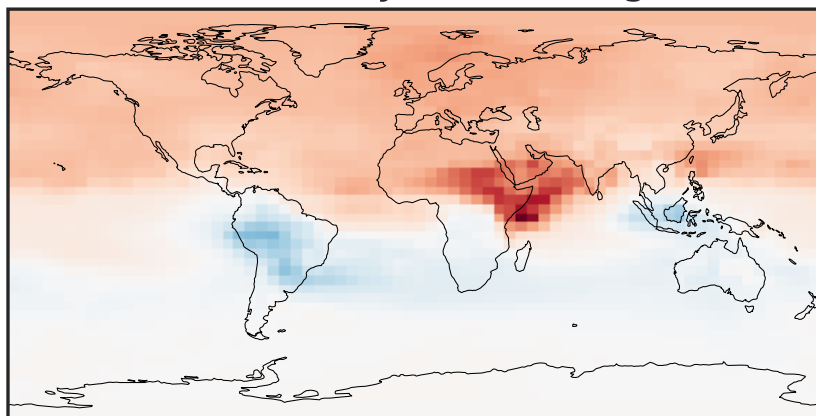
Difference
Dev - Ref, Dynamic Range



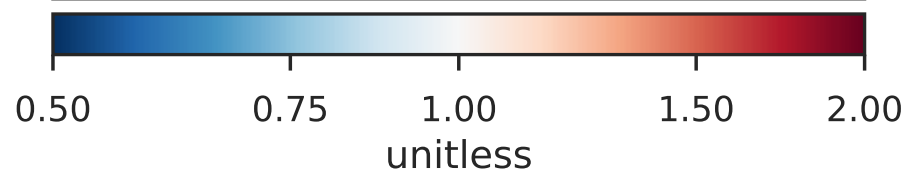
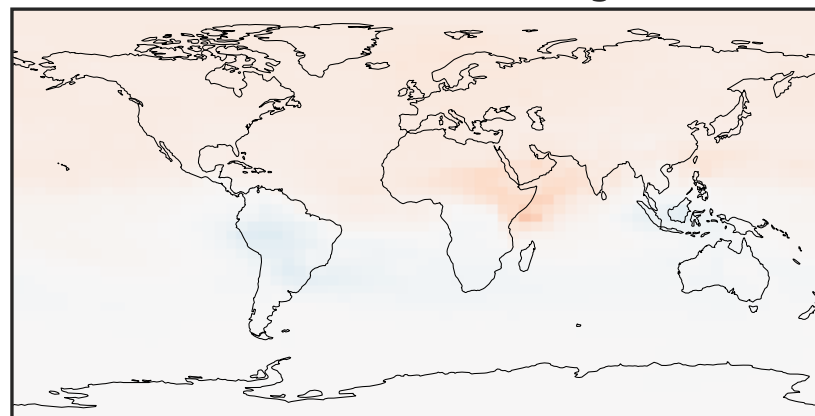
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

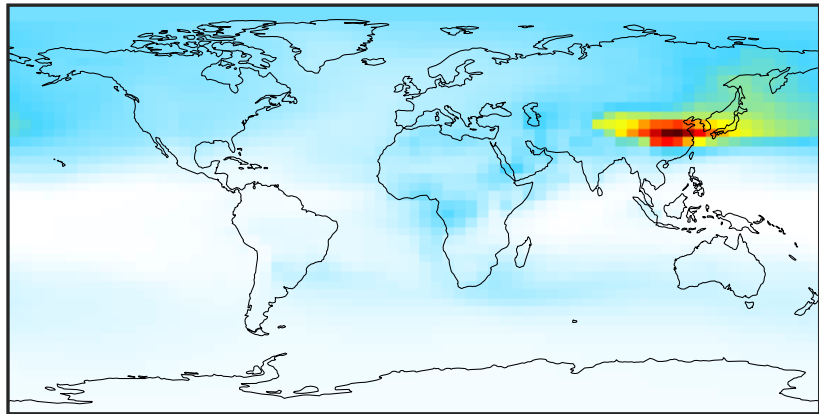


Ratio
Dev/Ref, Fixed Range



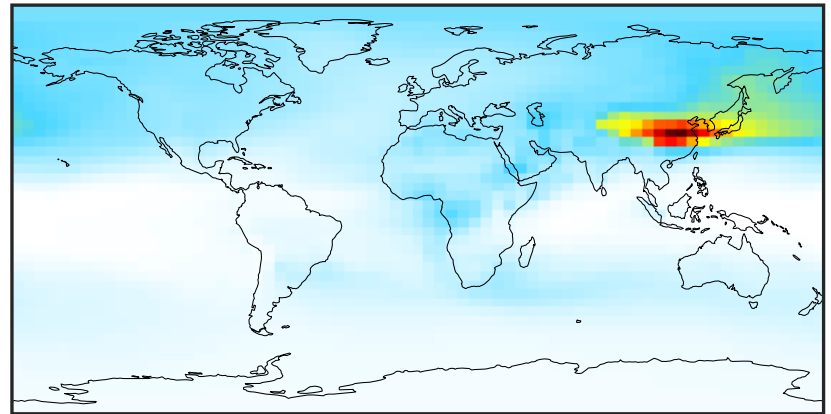
SpeciesConcVV_BCPI (AnnualMean)

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



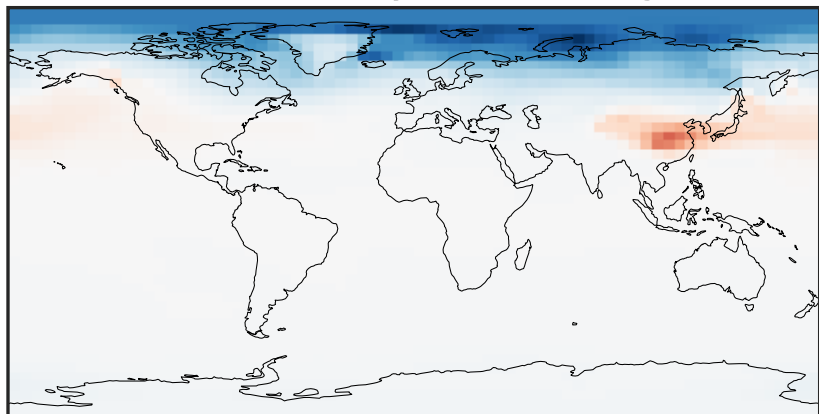
0.015 0.030
μg/m3

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



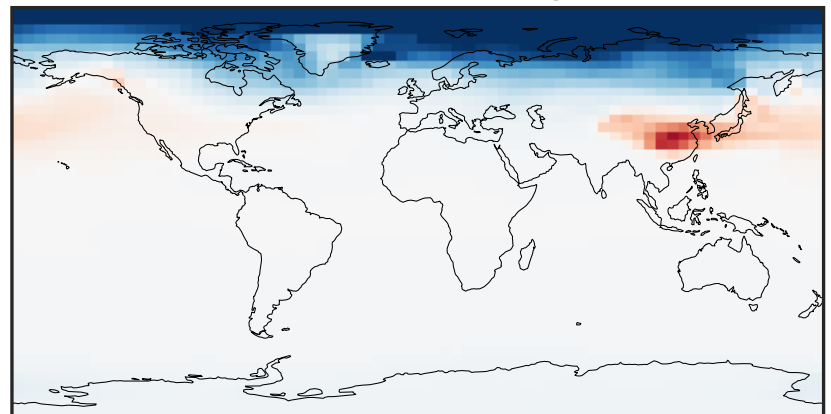
0.015 0.030
μg/m3

Difference
Dev - Ref, Dynamic Range



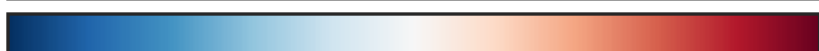
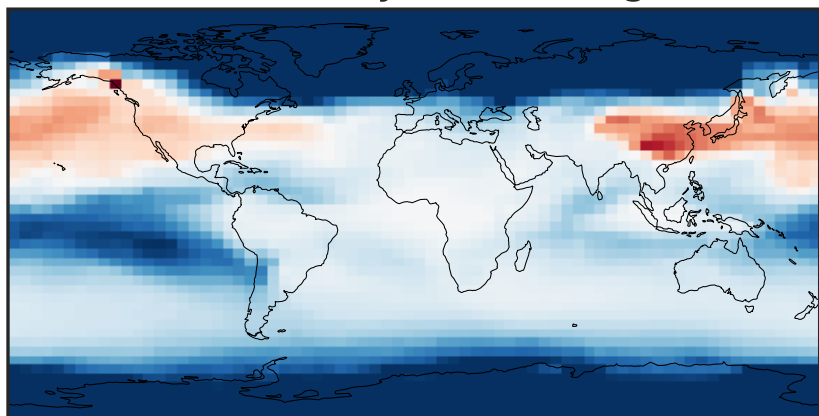
-1.5 0.0 1.5
μg/m3 1e-5

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



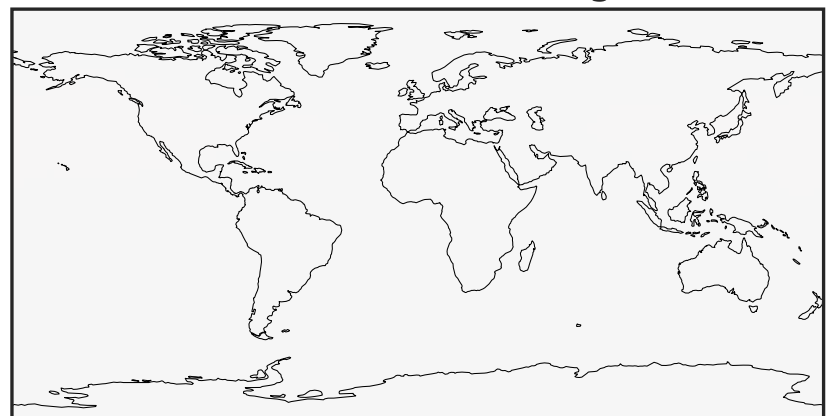
-8 0 8
μg/m3 1e-6

Ratio
Dev/Ref, Dynamic Range



0.9995286 1.000000 1.0004716
unitless

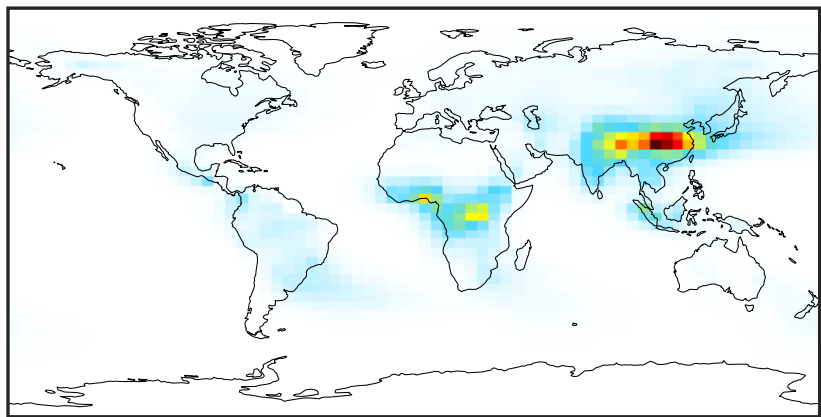
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

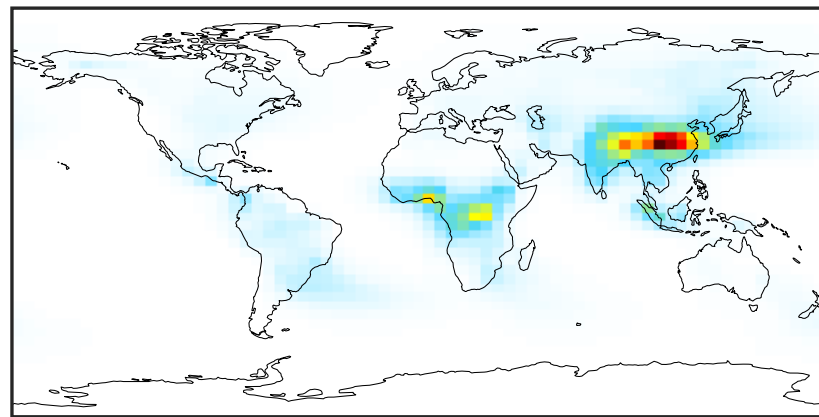
SpeciesConcVV_BCPO (AnnualMean)

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



0.002 0.004 0.006
 $\mu\text{g}/\text{m}^3$

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



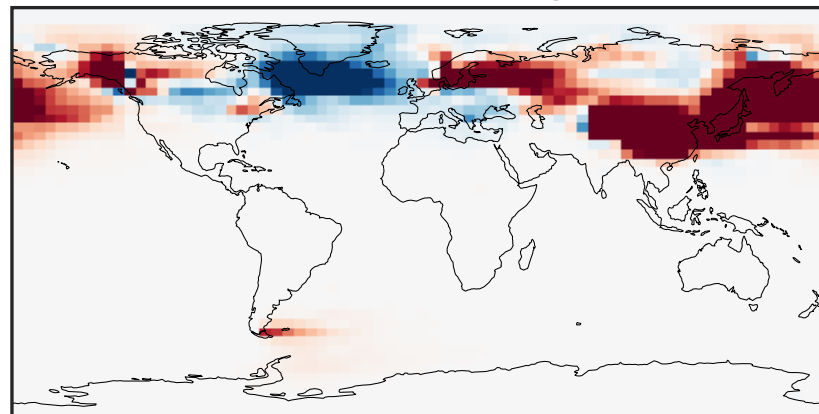
0.002 0.004 0.006
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



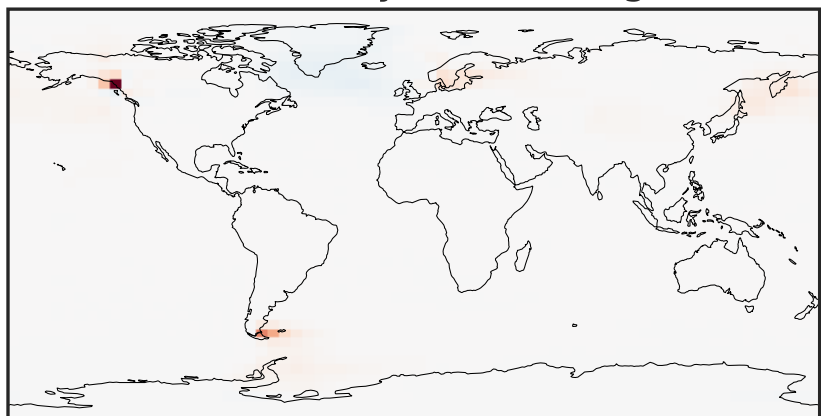
-3 0 3
 $\mu\text{g}/\text{m}^3$ $1\text{e}-7$

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



-8 0 8
 $\mu\text{g}/\text{m}^3$ $1\text{e}-9$

Ratio
Dev/Ref, Dynamic Range



0.99097 0.99549 1.00000 1.00456 1.00911
unitless

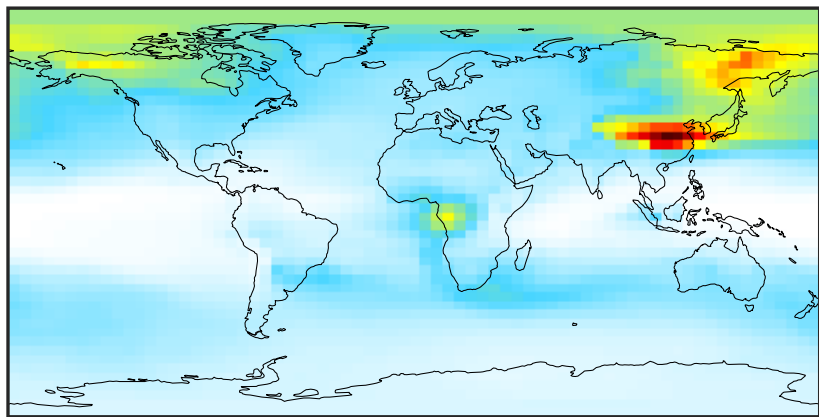
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

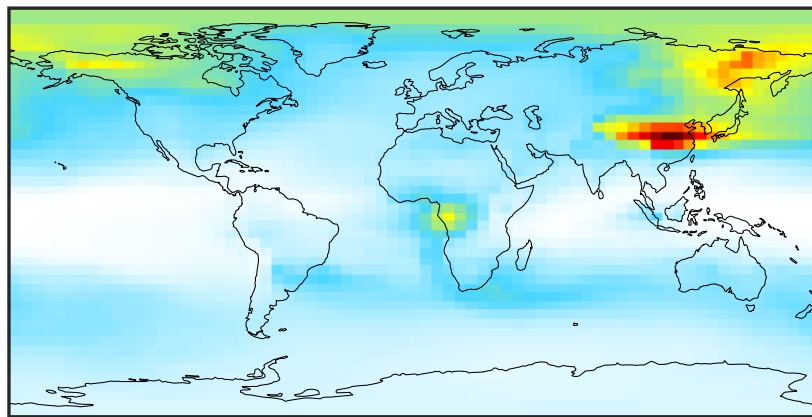
SpeciesConcVV_OCPI (AnnualMean)

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



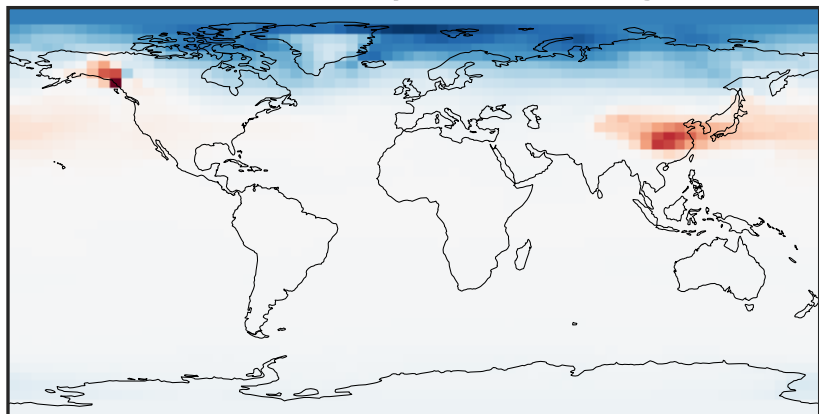
0.0003 0.0256 0.0508 0.0761 0.1014
 $\mu\text{g}/\text{m}^3$

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



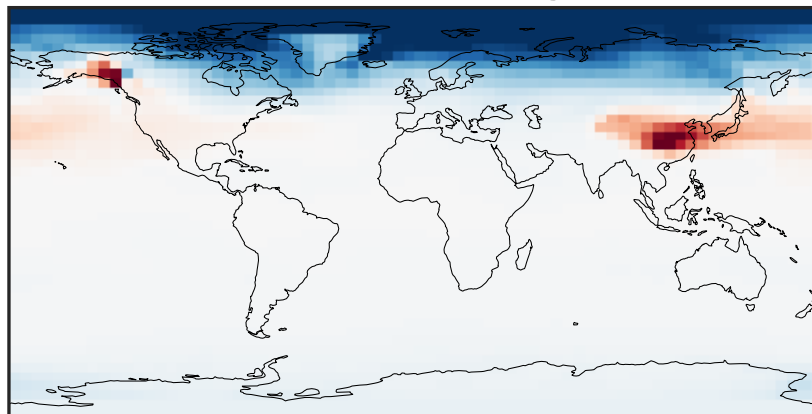
0.0003 0.0256 0.0508 0.0761 0.1014
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



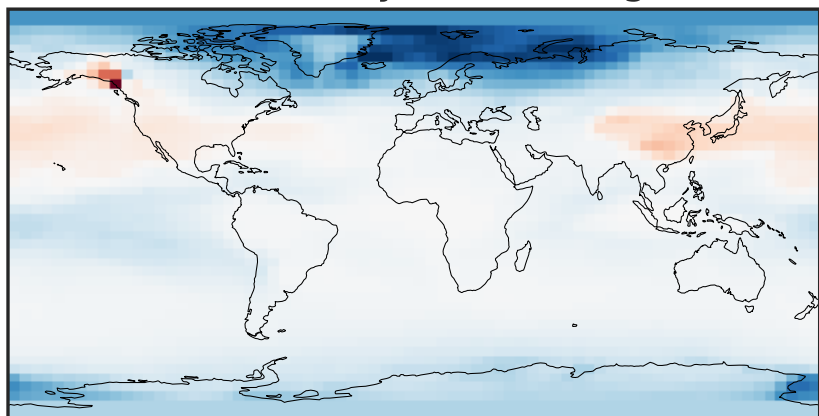
-2.5 0.0 2.5
 $\mu\text{g}/\text{m}^3$ $1\text{e}-5$

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



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

Ratio
Dev/Ref, Dynamic Range



0.998562 0.999281 1.000000 1.000720 1.001440
unitless

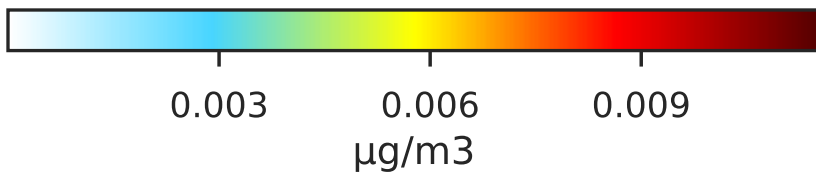
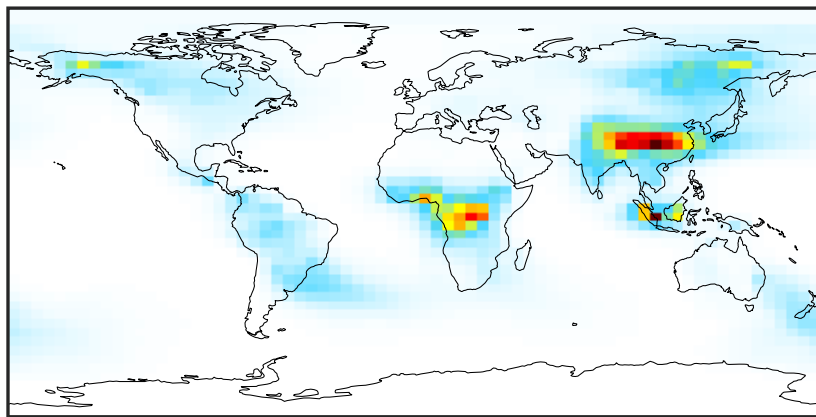
Ratio
Dev/Ref, Fixed Range



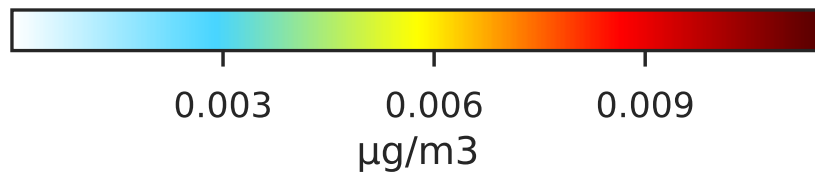
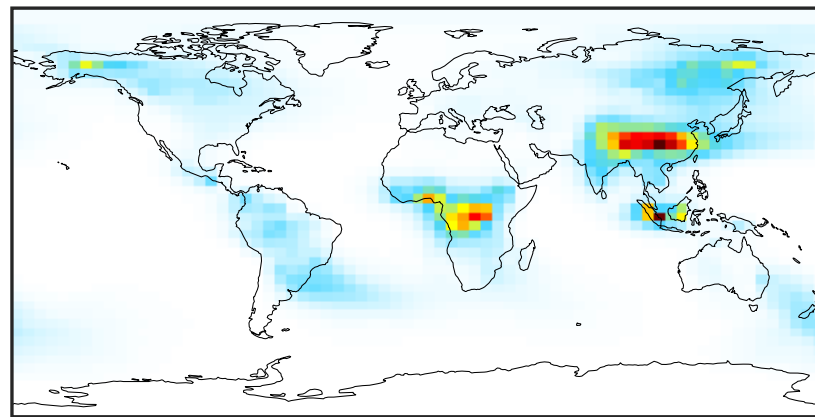
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_OCPO (AnnualMean)

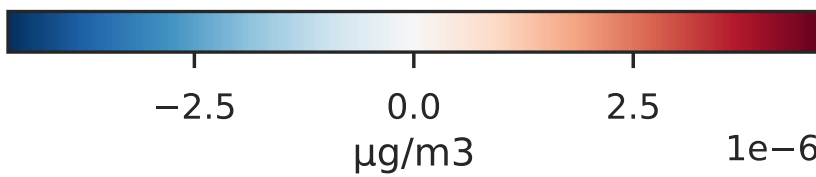
14.2.0-rc.2 (Ref)
4.0x5.0



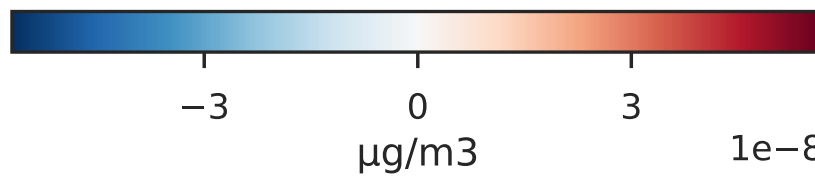
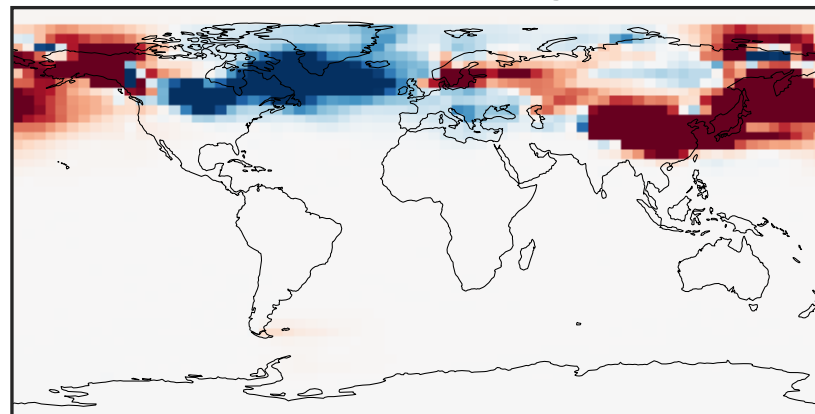
14.3.0-rc.0 (Dev)
4.0x5.0



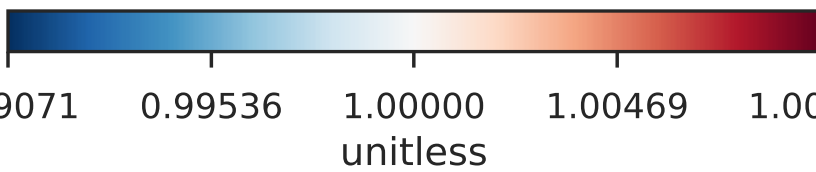
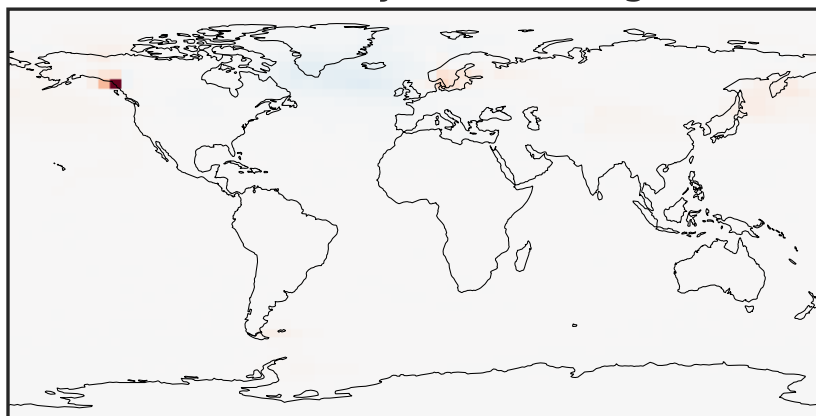
Difference
Dev - Ref, Dynamic Range



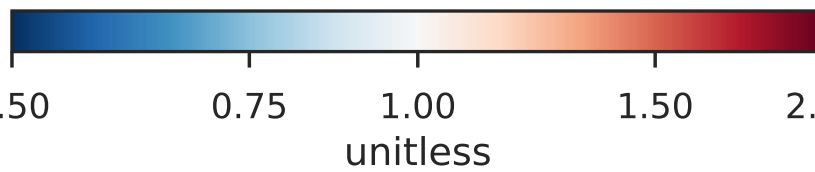
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

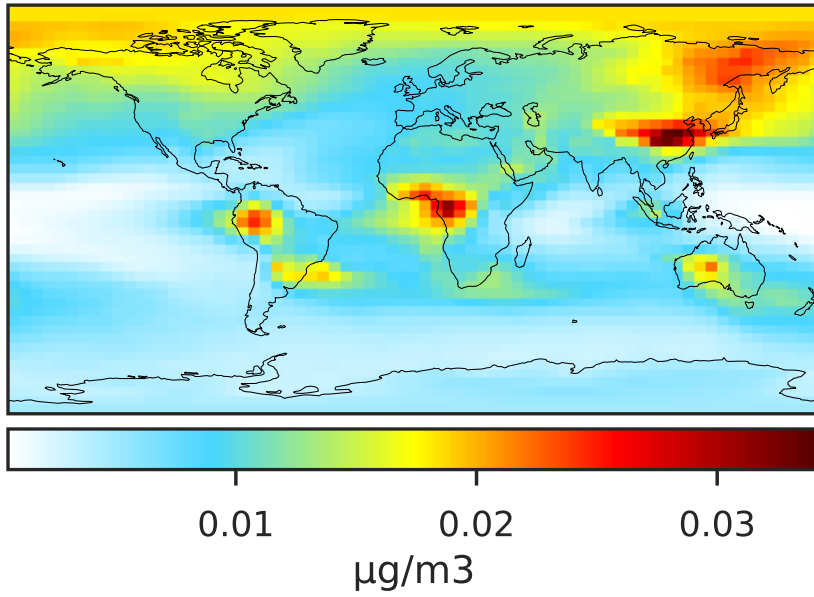


Ratio
Dev/Ref, Fixed Range

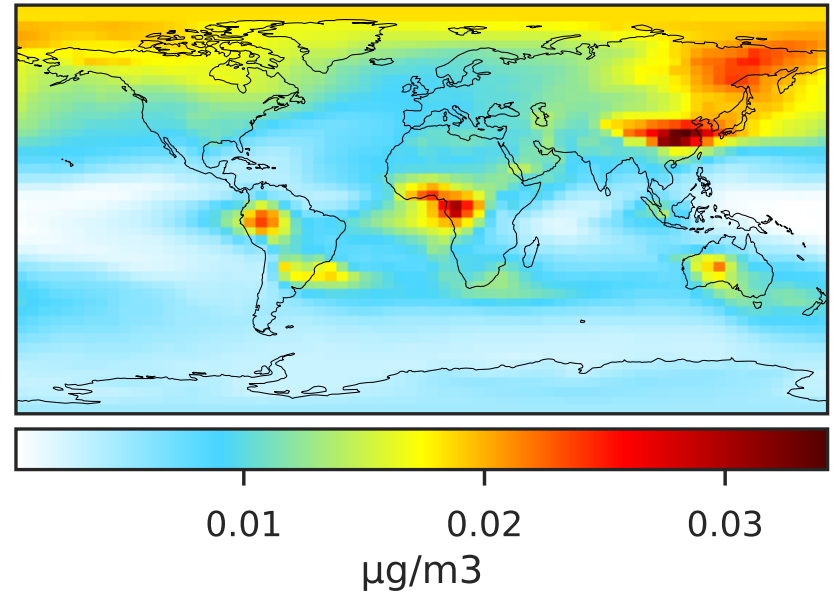


SpeciesConcVV_Complex_SOA (AnnualMean)

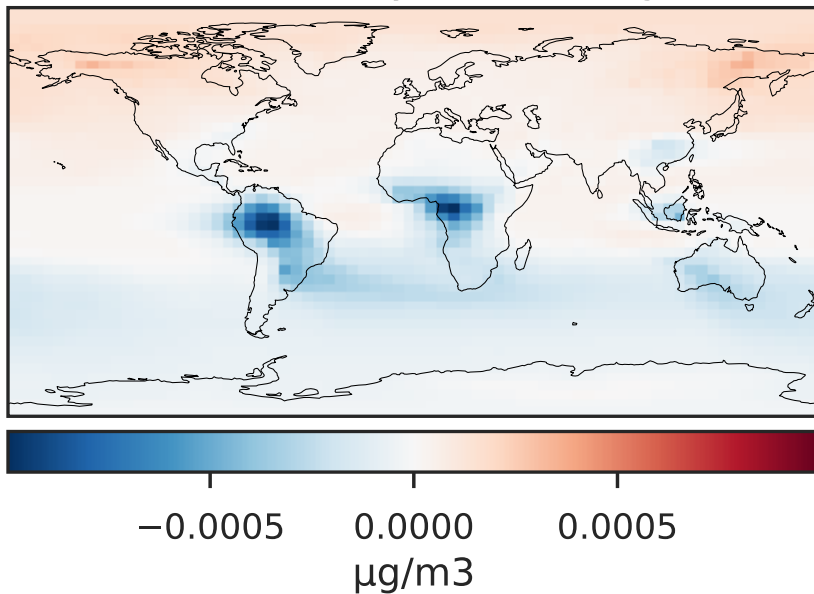
14.2.0-rc.2 (Ref)
4.0x5.0



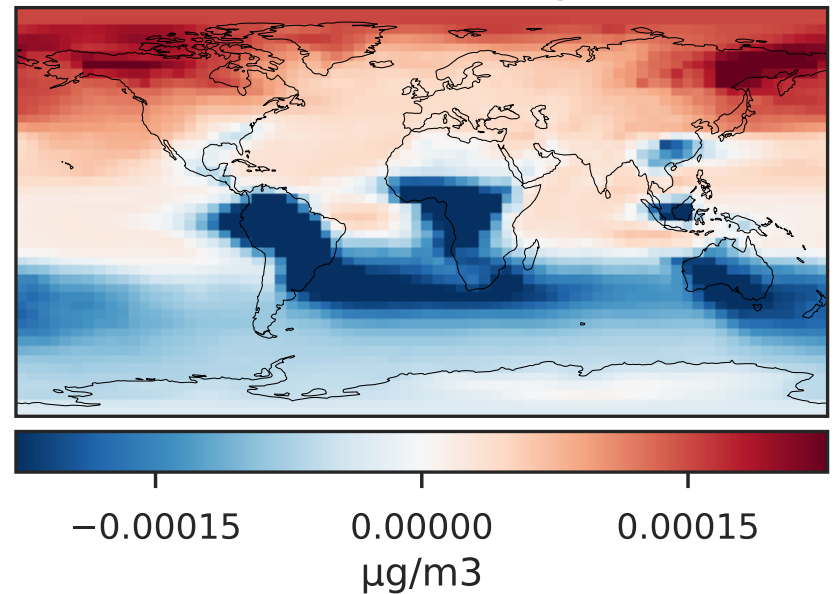
14.3.0-rc.0 (Dev)
4.0x5.0



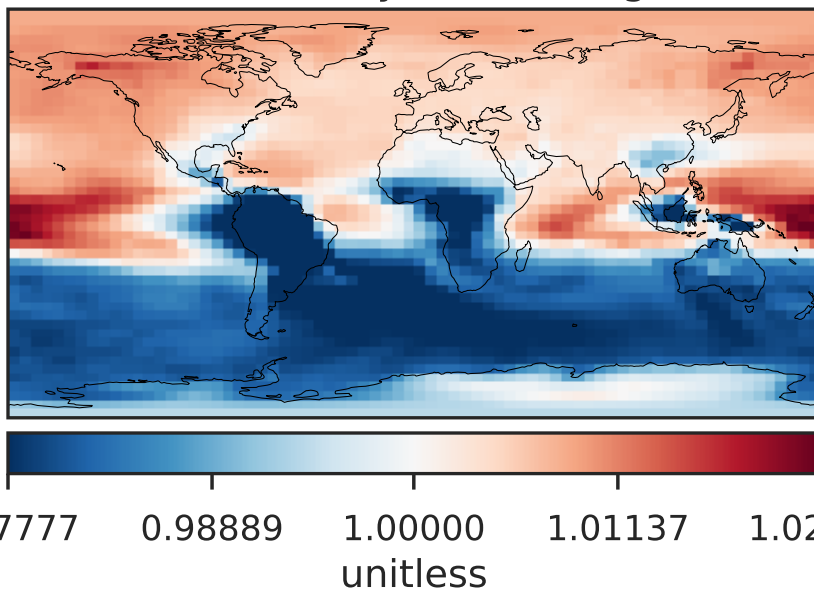
Difference
Dev - Ref, Dynamic Range



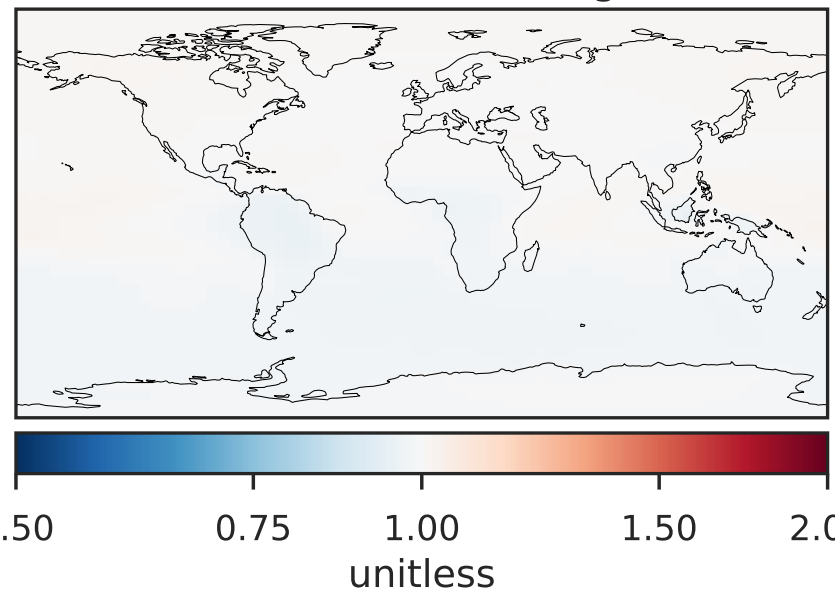
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

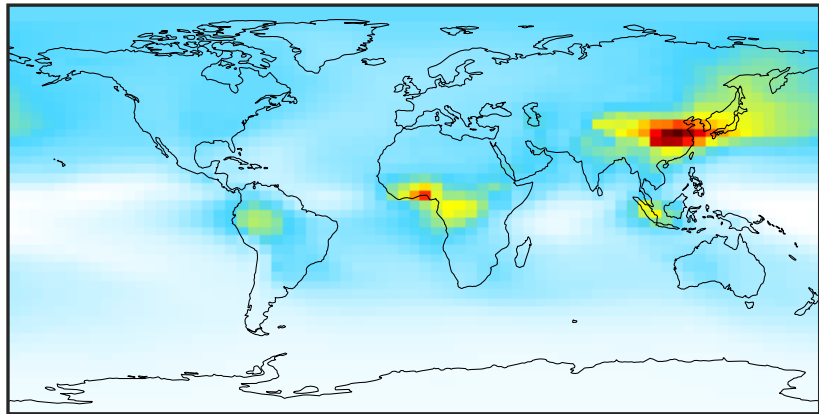


Ratio
Dev/Ref, Fixed Range



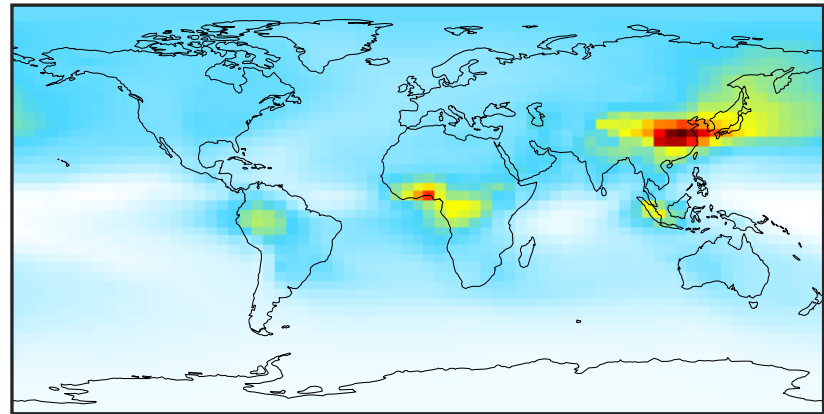
SpeciesConcVV_Simple_SOA (AnnualMean)

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



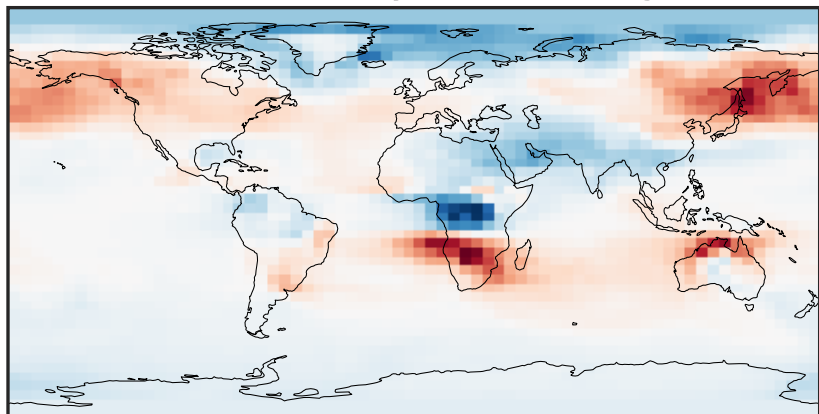
0.0052 0.1067 0.2083 0.3098 0.4114
 $\mu\text{g}/\text{m}^3$

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



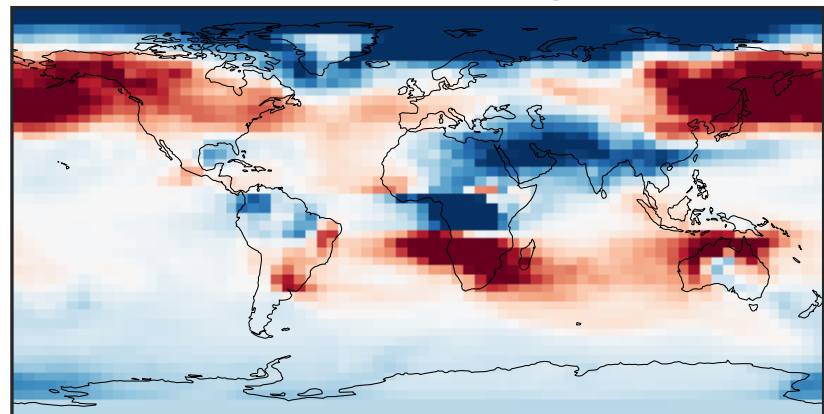
0.0052 0.1067 0.2083 0.3098 0.4114
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



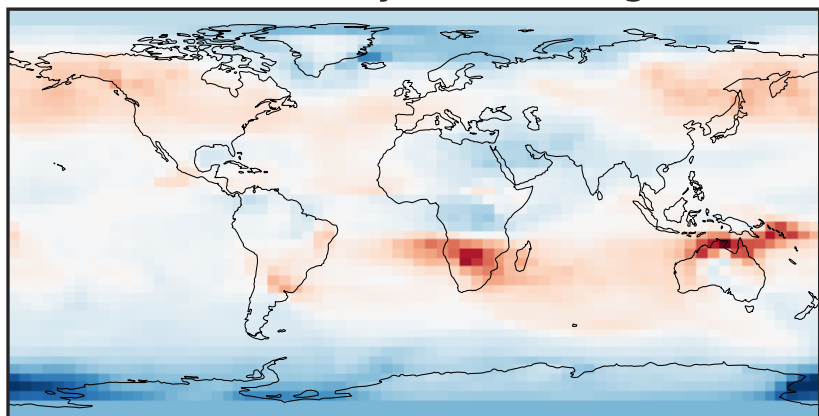
-6 0 6
 $\mu\text{g}/\text{m}^3$ $1\text{e}-5$

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



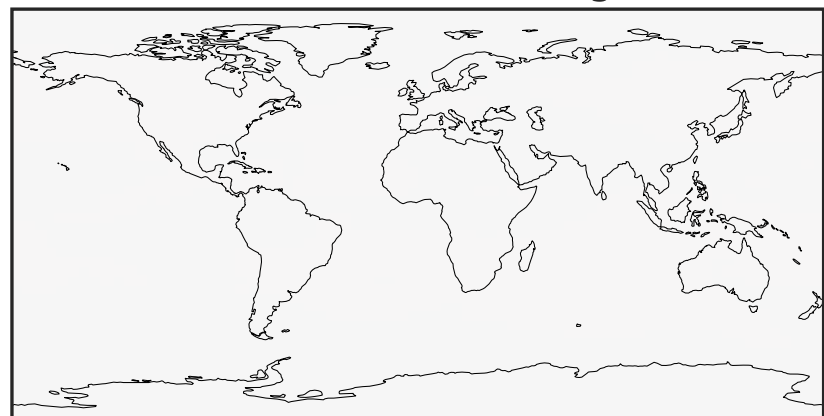
-2 0 2
 $\mu\text{g}/\text{m}^3$ $1\text{e}-5$

Ratio
Dev/Ref, Dynamic Range



0.998287 0.999144 1.000000 1.000858 1.001716
unitless

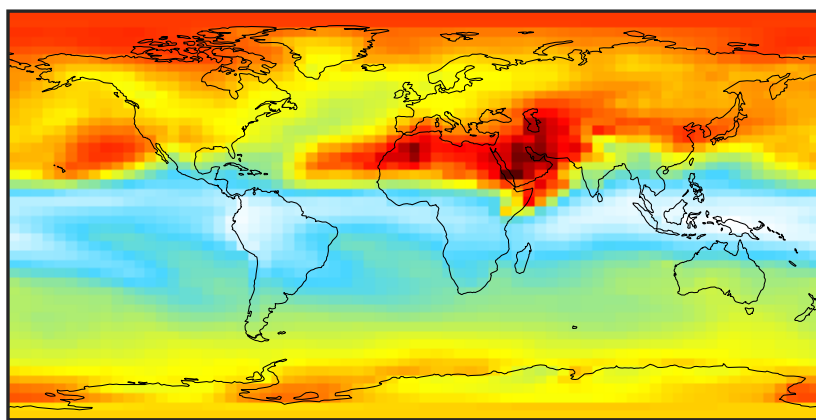
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

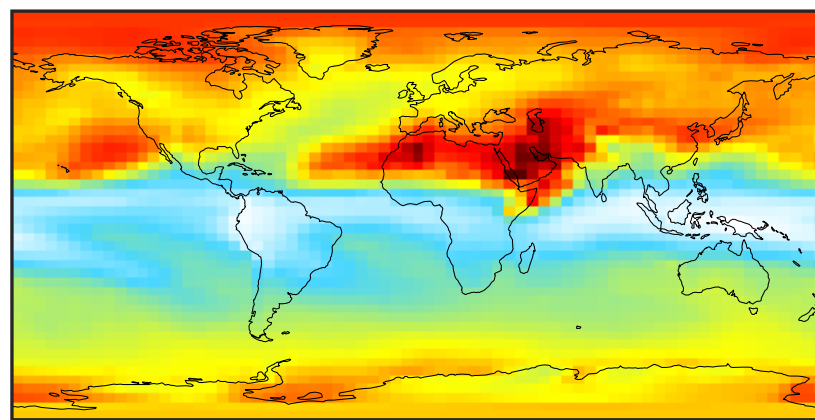
SpeciesConcVV_AERI (AnnualMean)

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



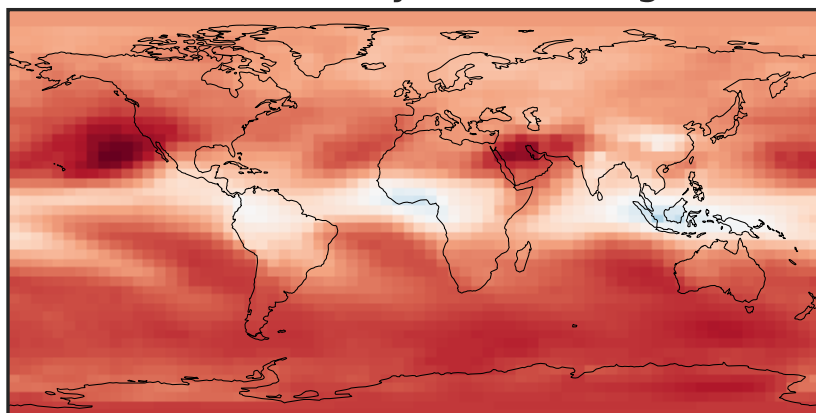
0.0002 0.0004 0.0006
 $\mu\text{g}/\text{m}^3$

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



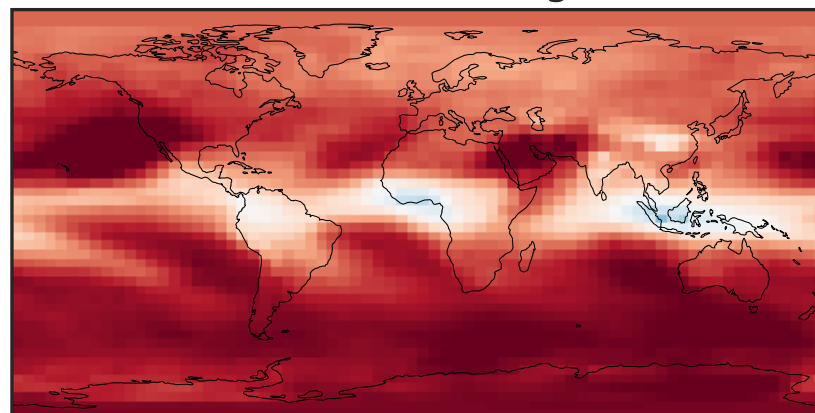
0.0002 0.0004 0.0006
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



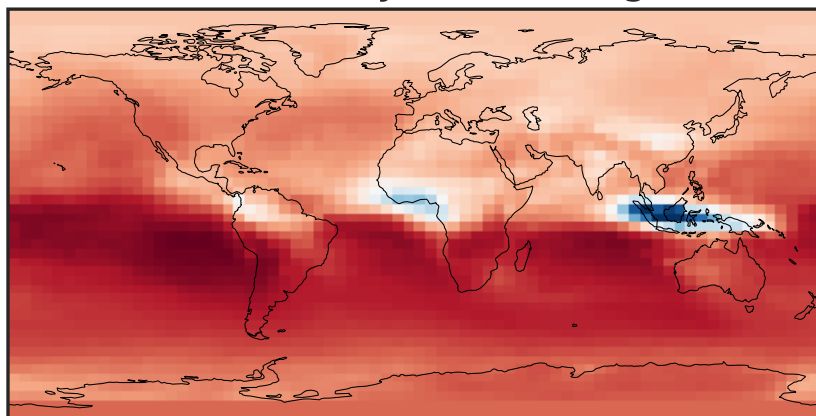
-4 0 4
 $\mu\text{g}/\text{m}^3$ $1\text{e}-6$

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



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

Ratio
Dev/Ref, Dynamic Range



0.98089 0.99044 1.00000 1.00974 1.01948
unitless

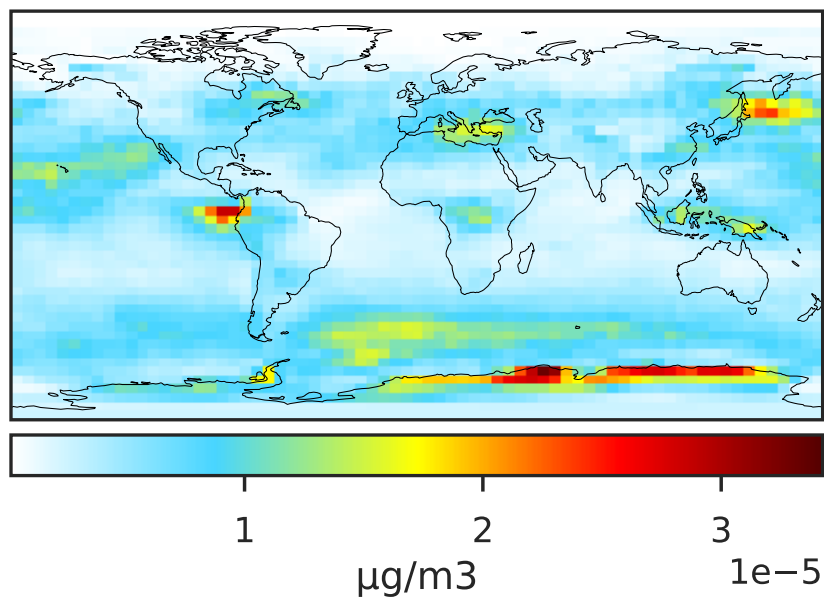
Ratio
Dev/Ref, Fixed Range



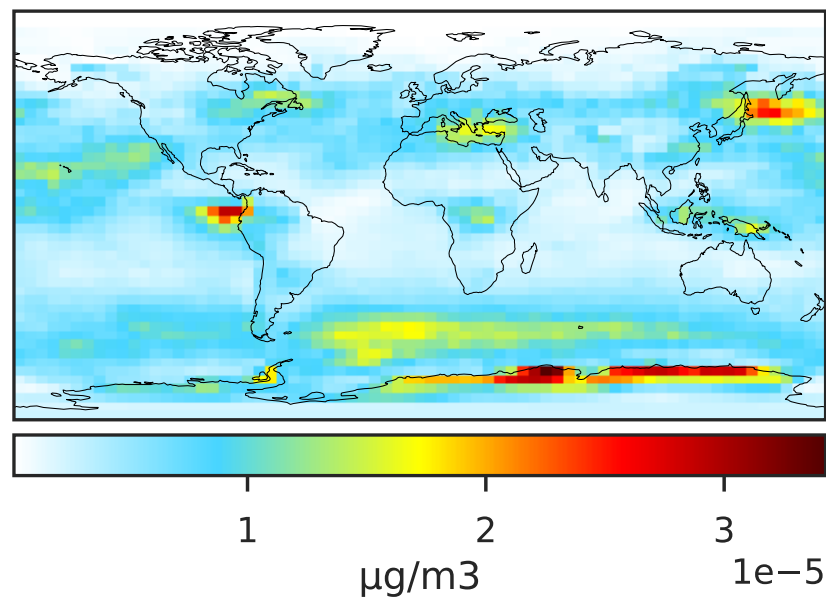
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_BrSALA (AnnualMean)

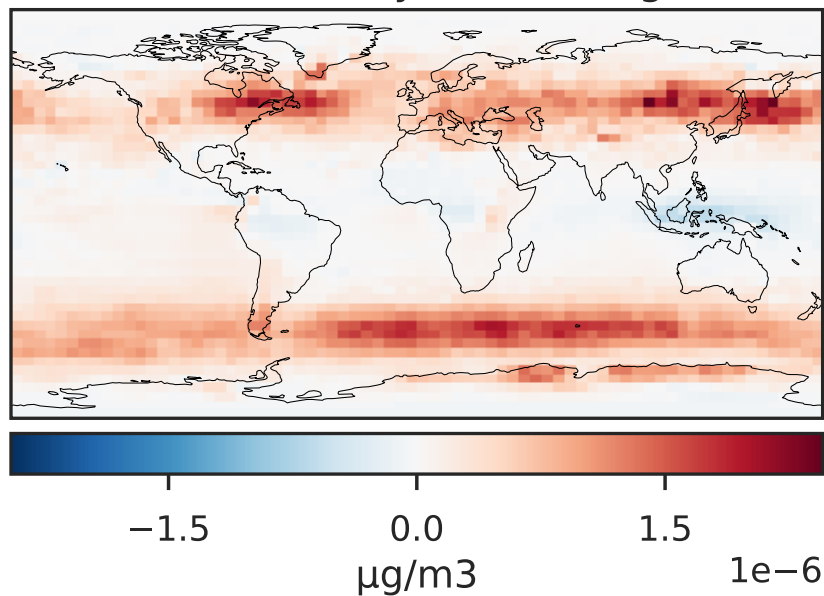
14.2.0-rc.2 (Ref)
4.0x5.0



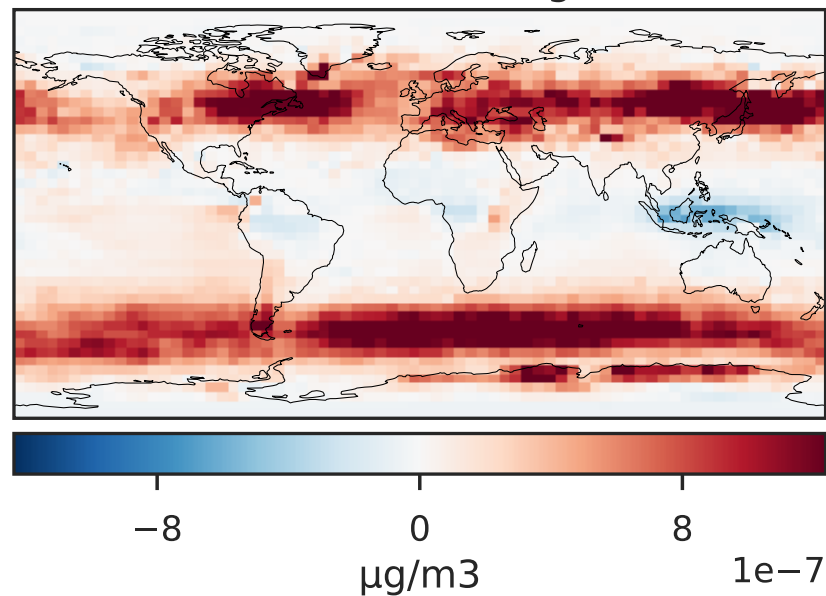
14.3.0-rc.0 (Dev)
4.0x5.0



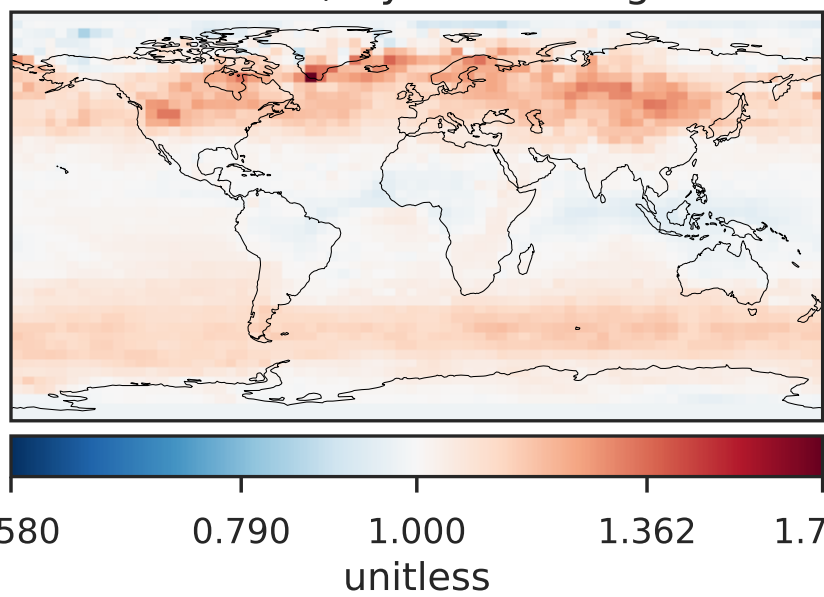
Difference
Dev - Ref, Dynamic Range



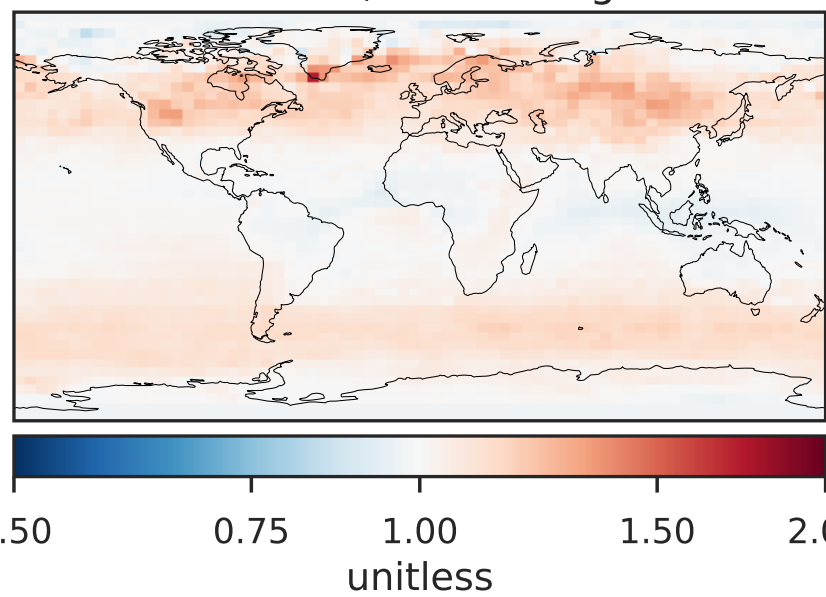
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

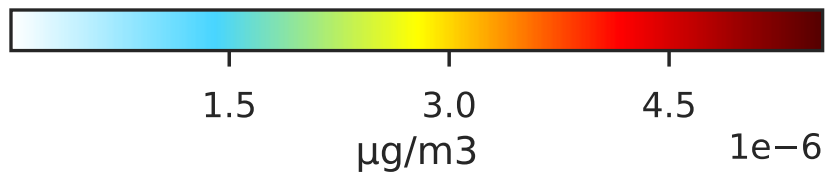
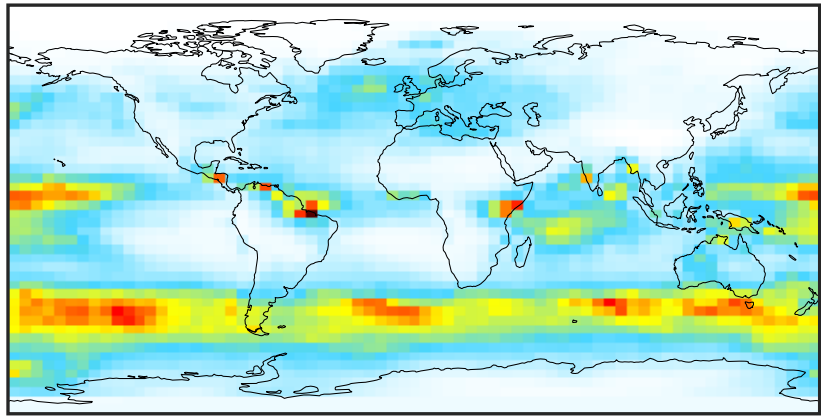


Ratio
Dev/Ref, Fixed Range

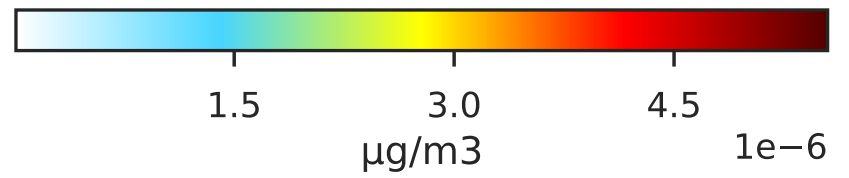
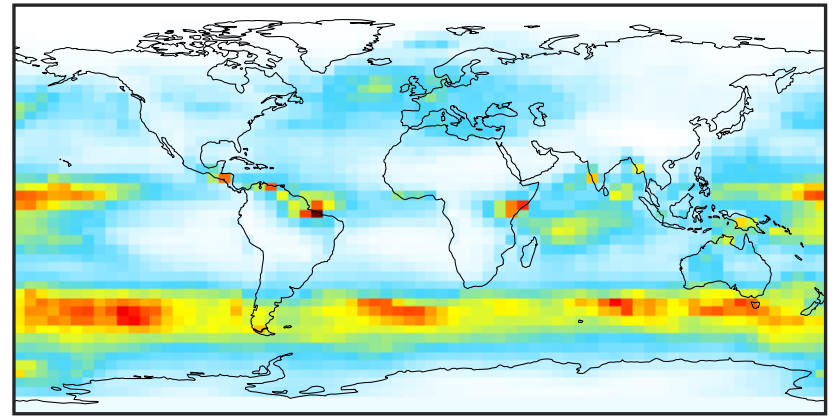


SpeciesConcVV_BrSALC (AnnualMean)

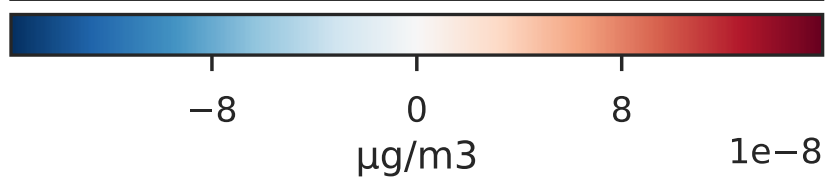
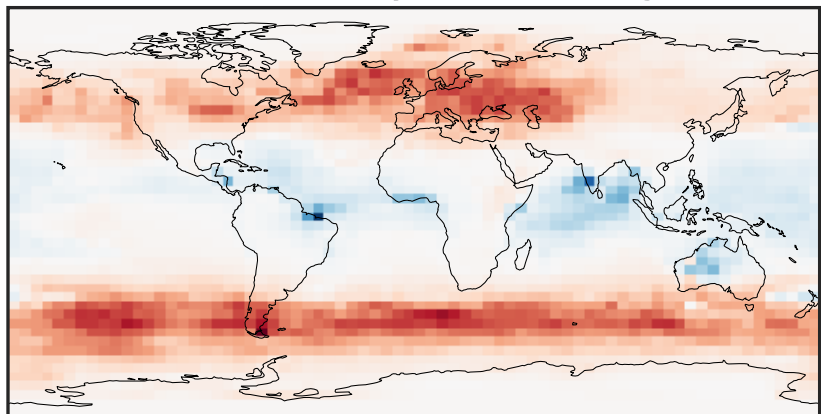
14.2.0-rc.2 (Ref)
4.0x5.0



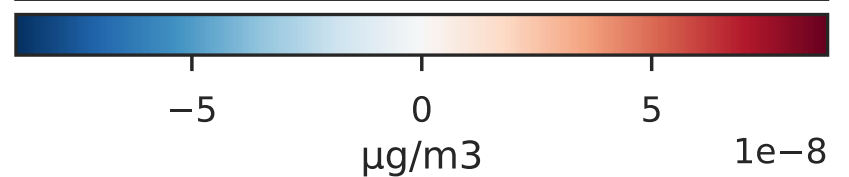
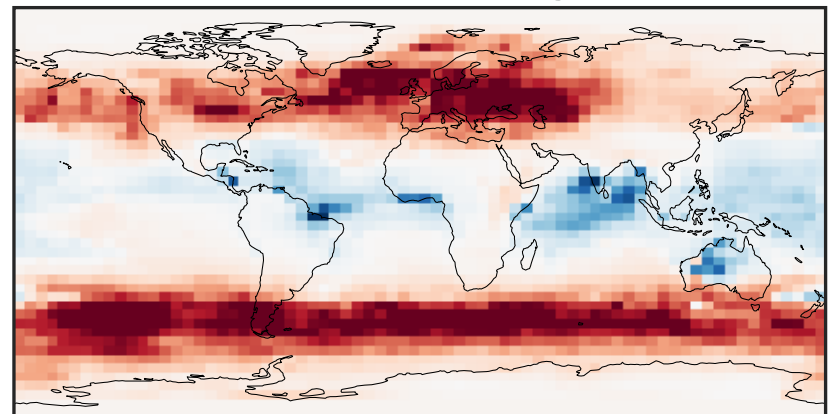
14.3.0-rc.0 (Dev)
4.0x5.0



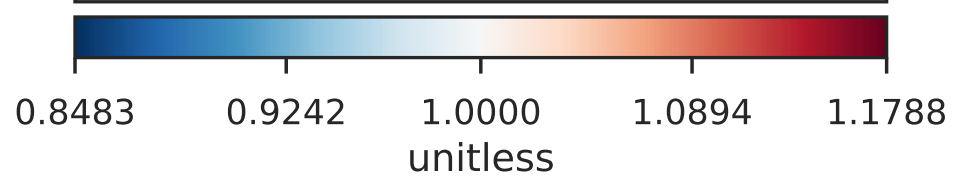
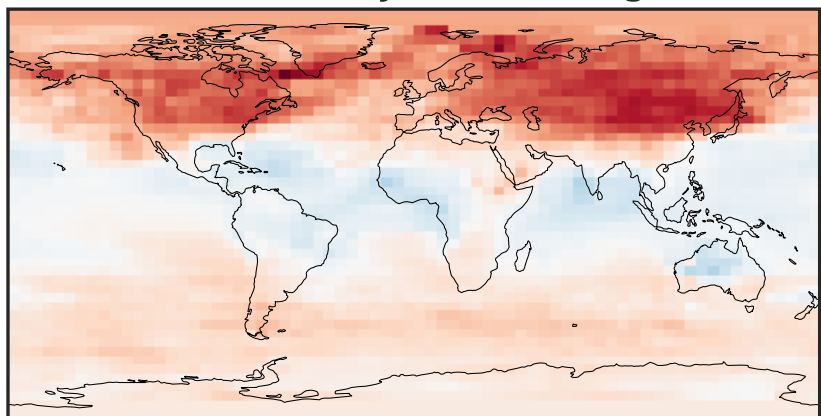
Difference
Dev - Ref, Dynamic Range



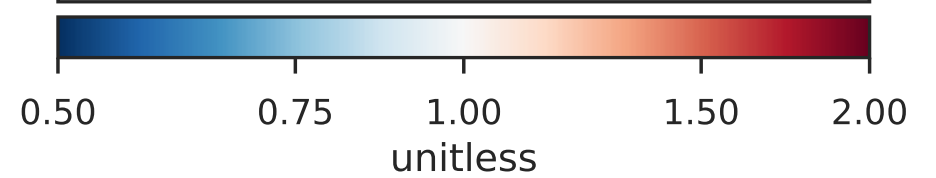
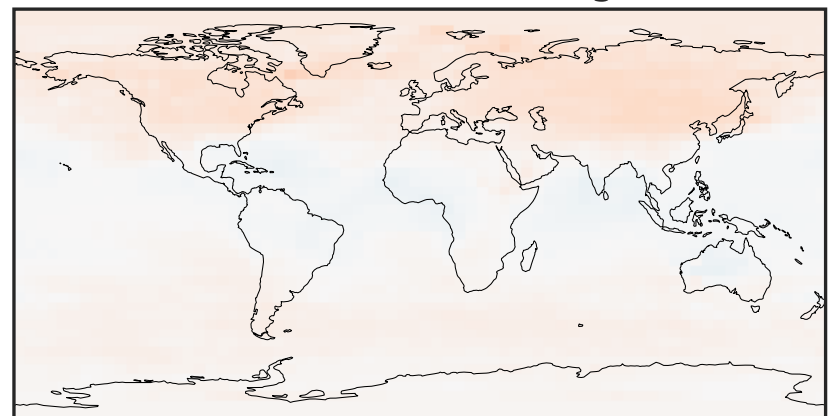
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

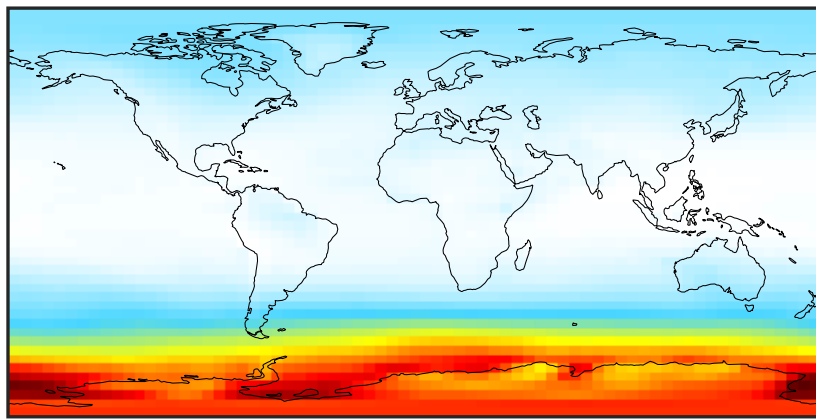


Ratio
Dev/Ref, Fixed Range



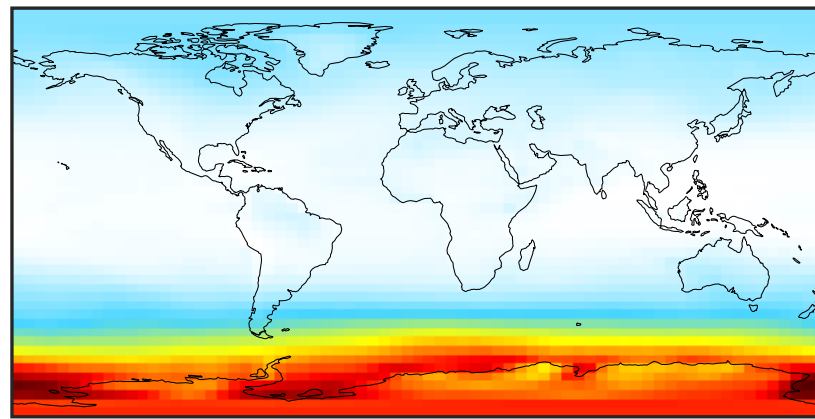
SpeciesConcVV_ISALA (AnnualMean)

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



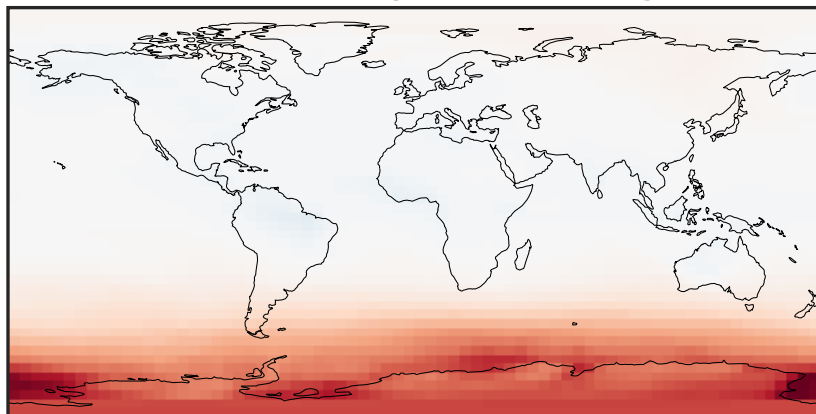
0.00006 0.00012 0.00018
 $\mu\text{g}/\text{m}^3$

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



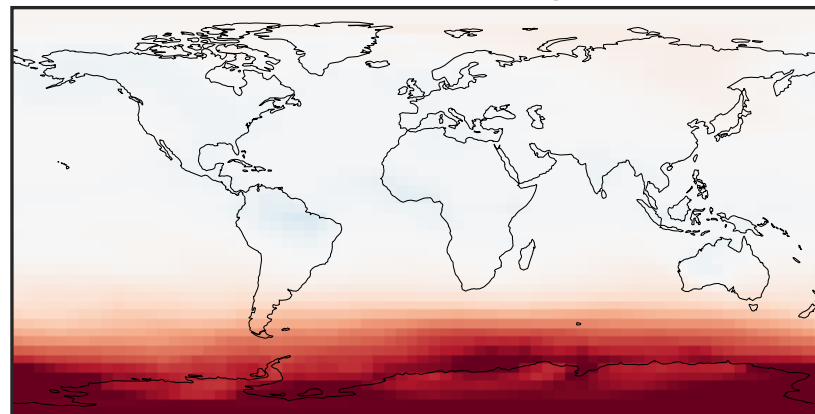
0.00006 0.00012 0.00018
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



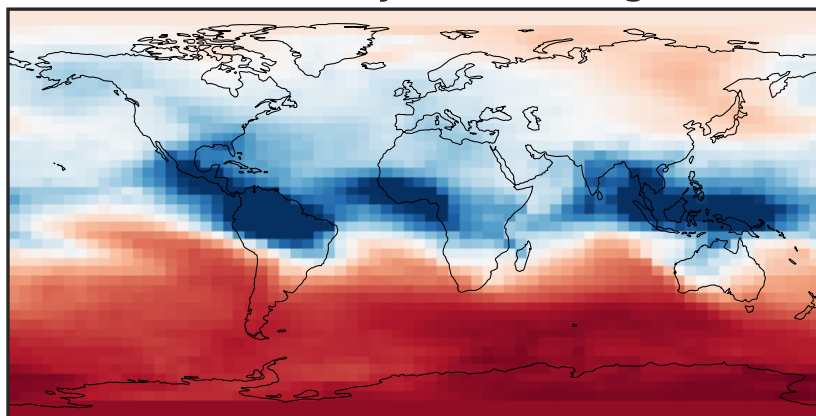
-1.5 0.0 1.5
 $\mu\text{g}/\text{m}^3$ $1\text{e}-6$

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



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

Ratio
Dev/Ref, Dynamic Range



0.98828 0.99414 1.00000 1.00593 1.01186
unitless

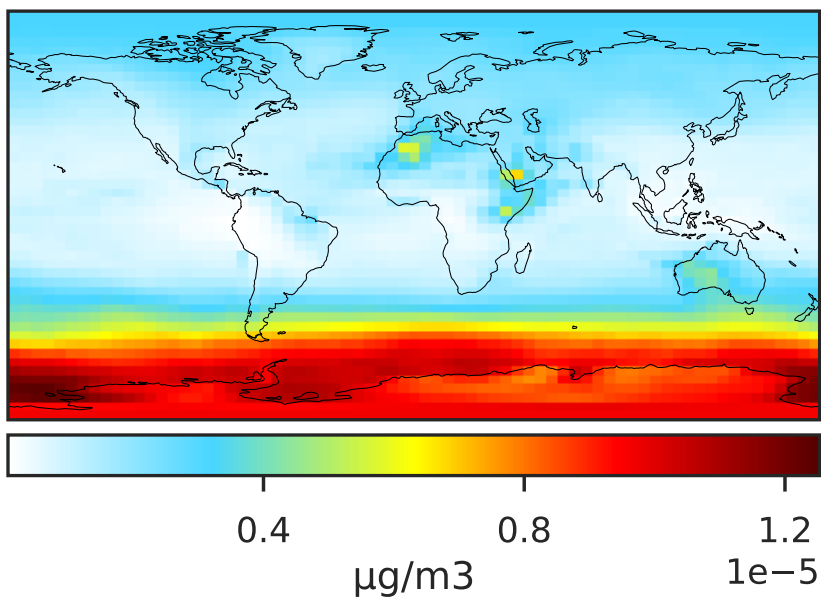
Ratio
Dev/Ref, Fixed Range



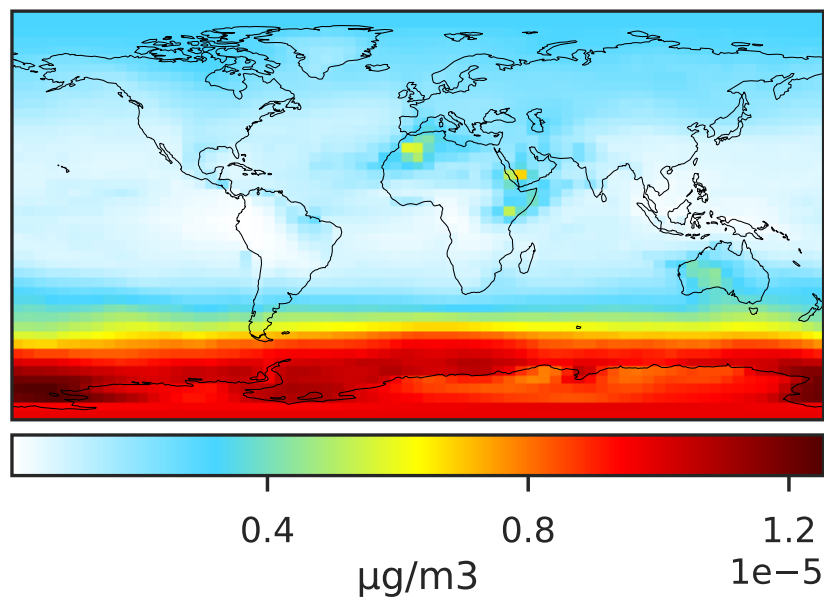
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_ISALC (AnnualMean)

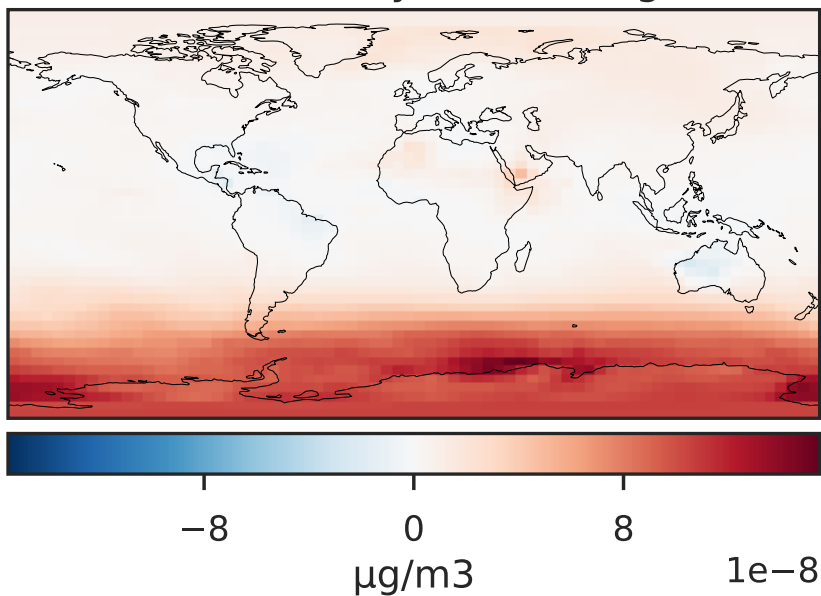
14.2.0-rc.2 (Ref)
4.0x5.0



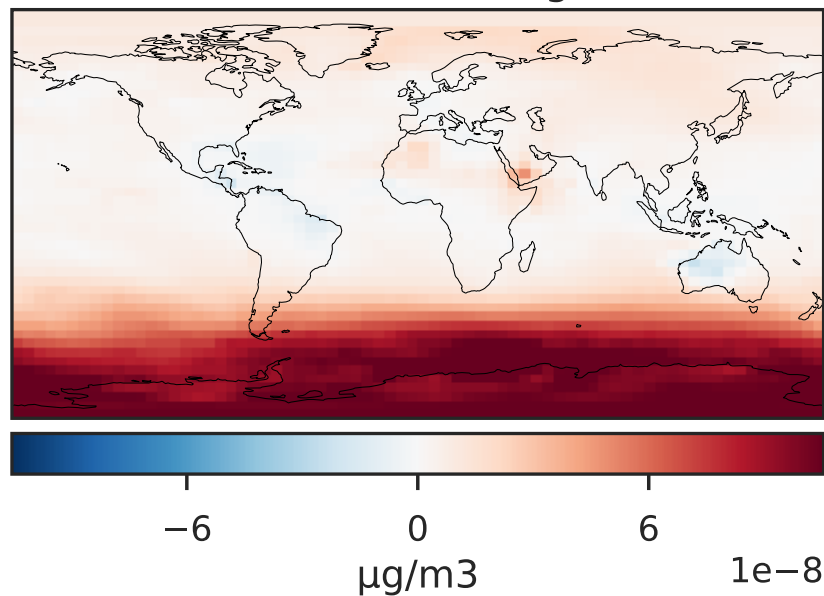
14.3.0-rc.0 (Dev)
4.0x5.0



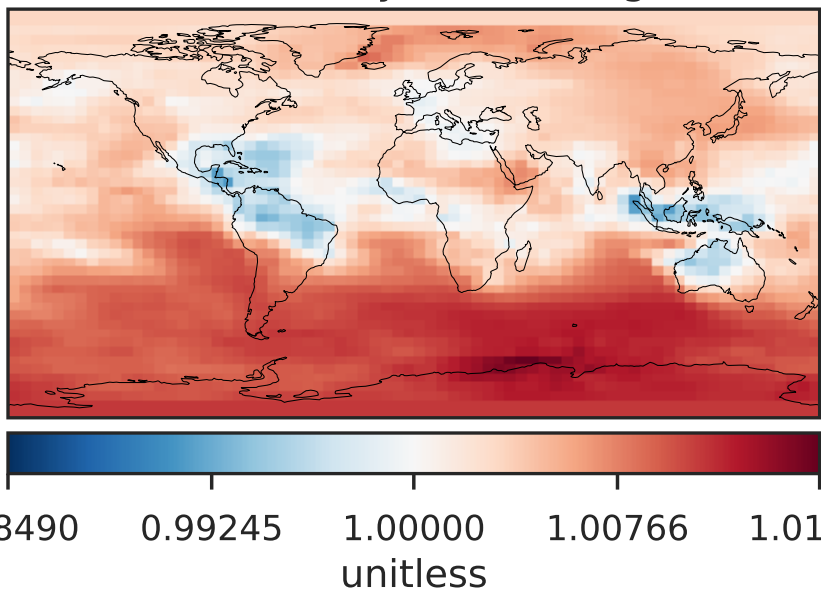
Difference
Dev - Ref, Dynamic Range



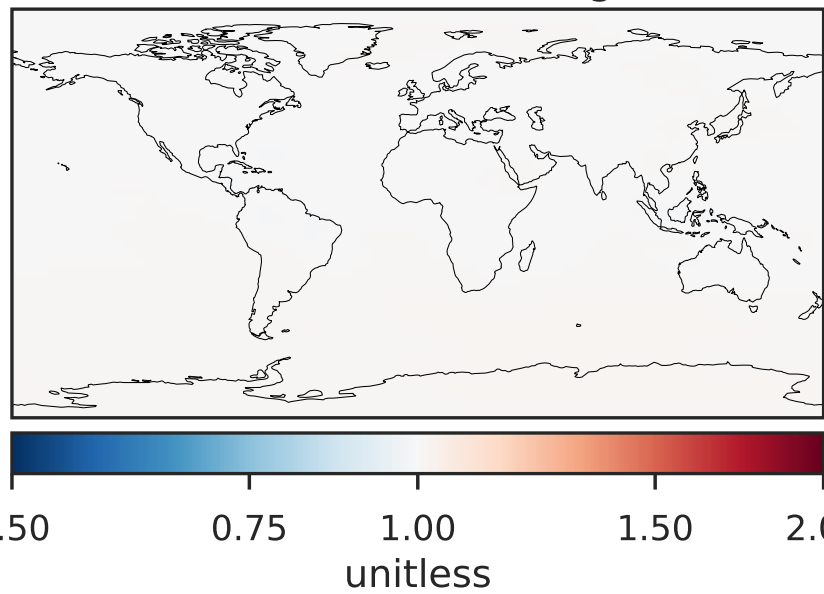
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

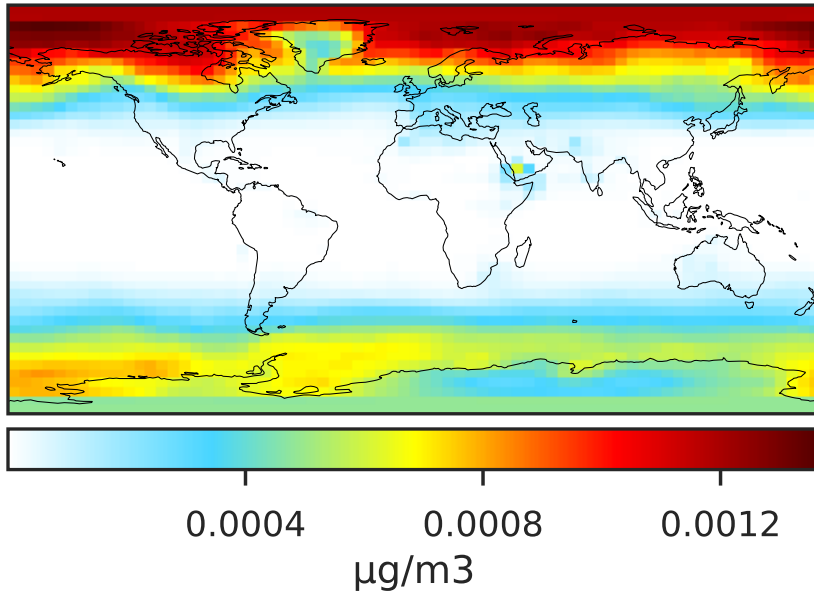


Ratio
Dev/Ref, Fixed Range

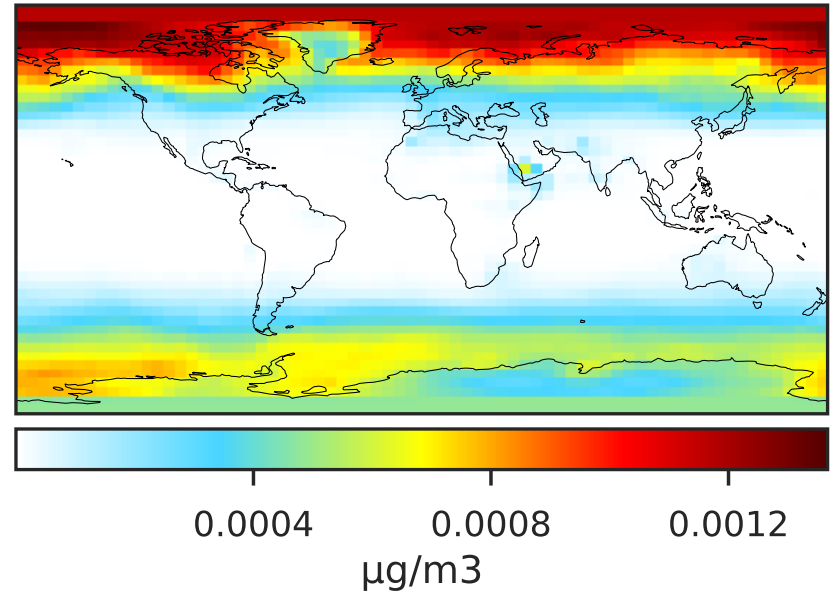


SpeciesConcVV_NITs (AnnualMean)

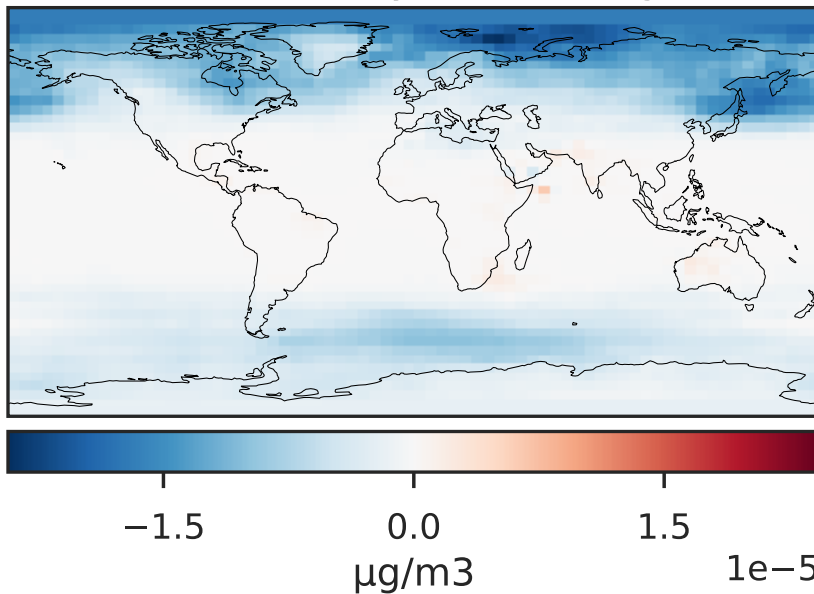
14.2.0-rc.2 (Ref)
4.0x5.0



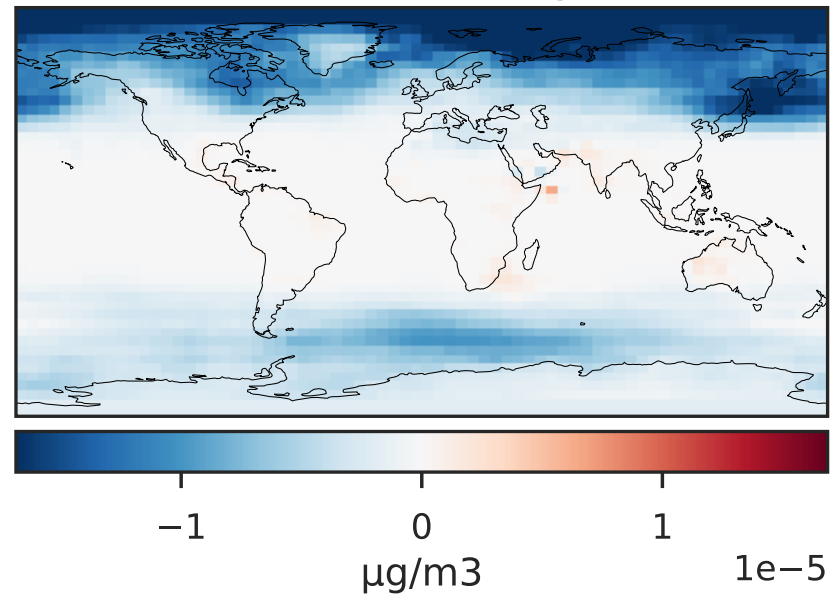
14.3.0-rc.0 (Dev)
4.0x5.0



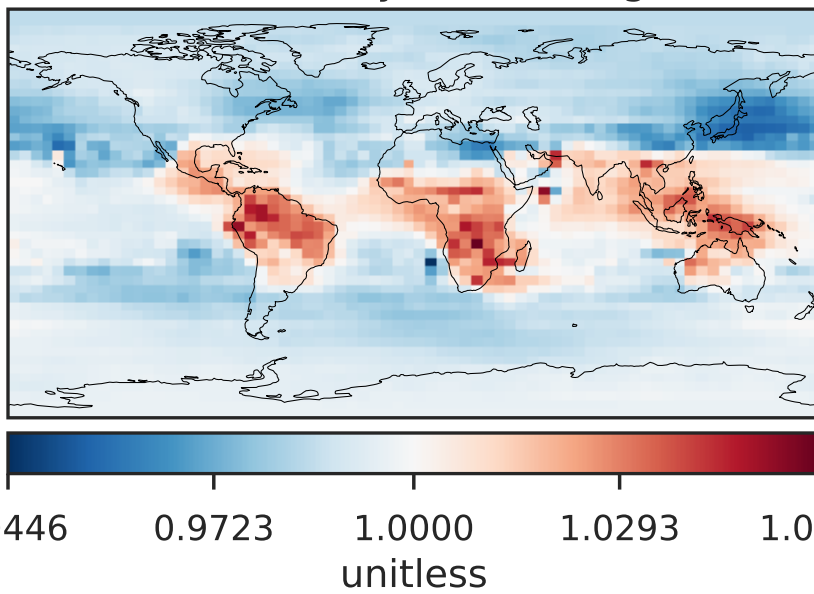
Difference
Dev - Ref, Dynamic Range



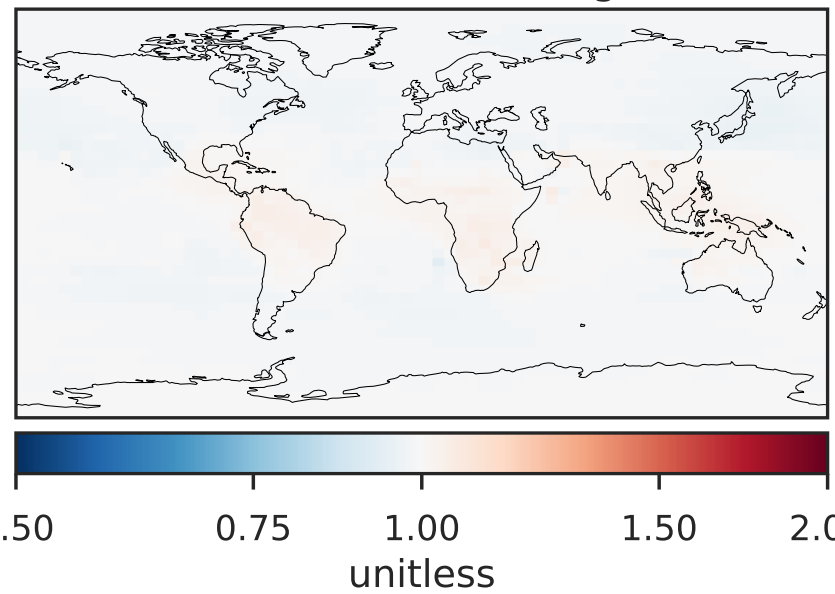
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

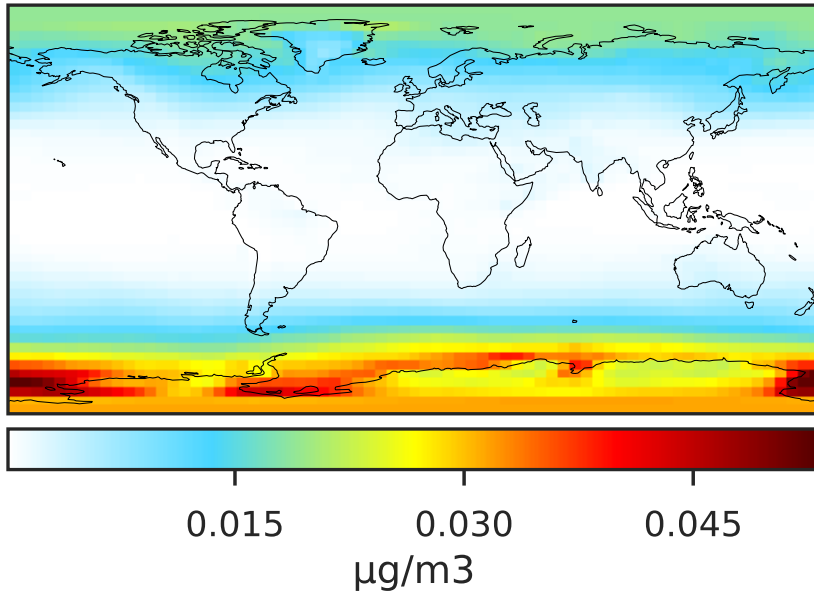


Ratio
Dev/Ref, Fixed Range

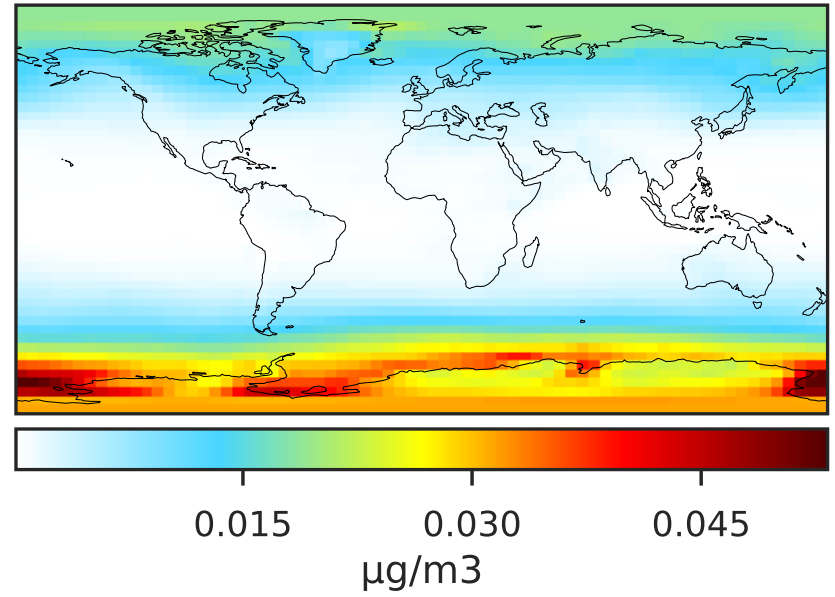


SpeciesConcVV_SALA (AnnualMean)

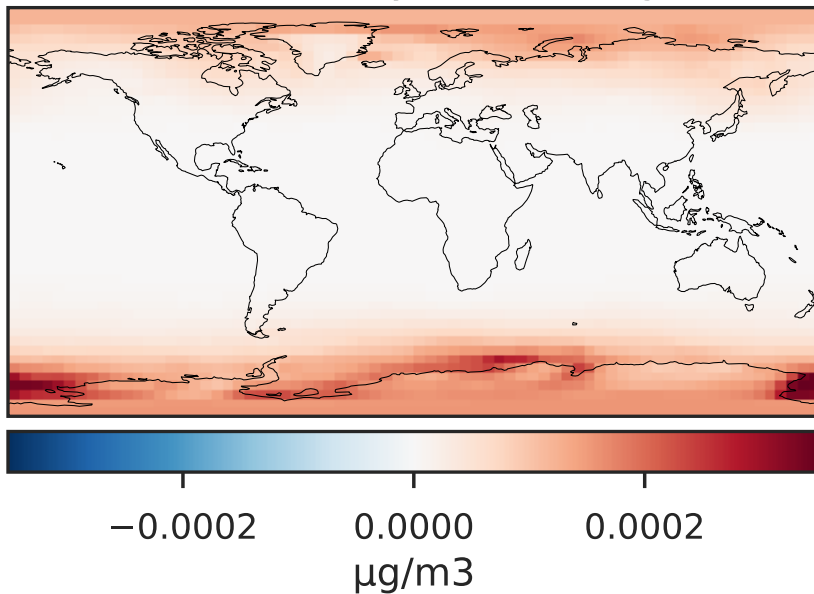
14.2.0-rc.2 (Ref)
4.0x5.0



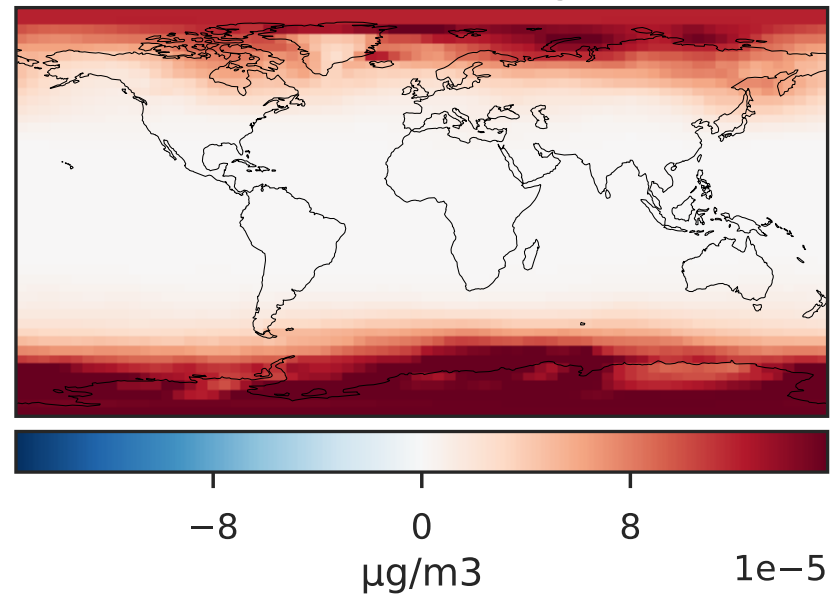
14.3.0-rc.0 (Dev)
4.0x5.0



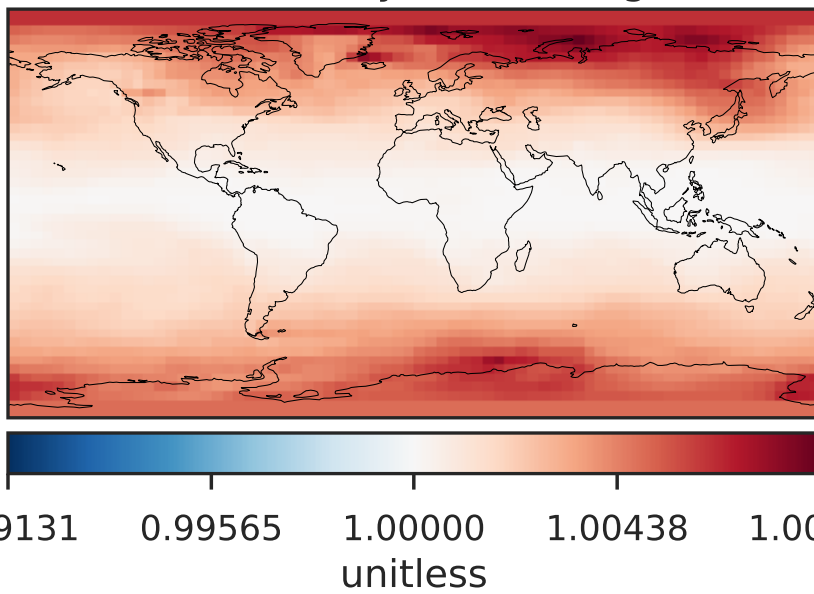
Difference
Dev - Ref, Dynamic Range



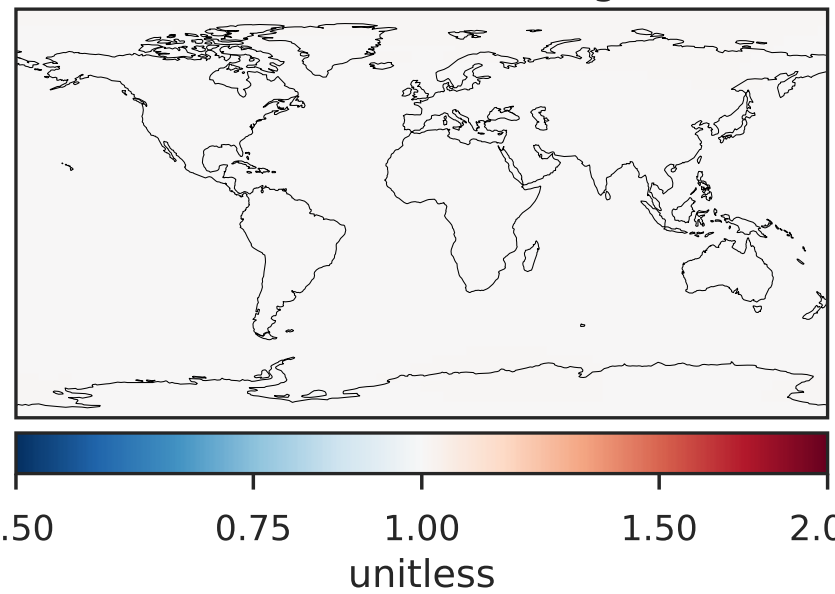
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

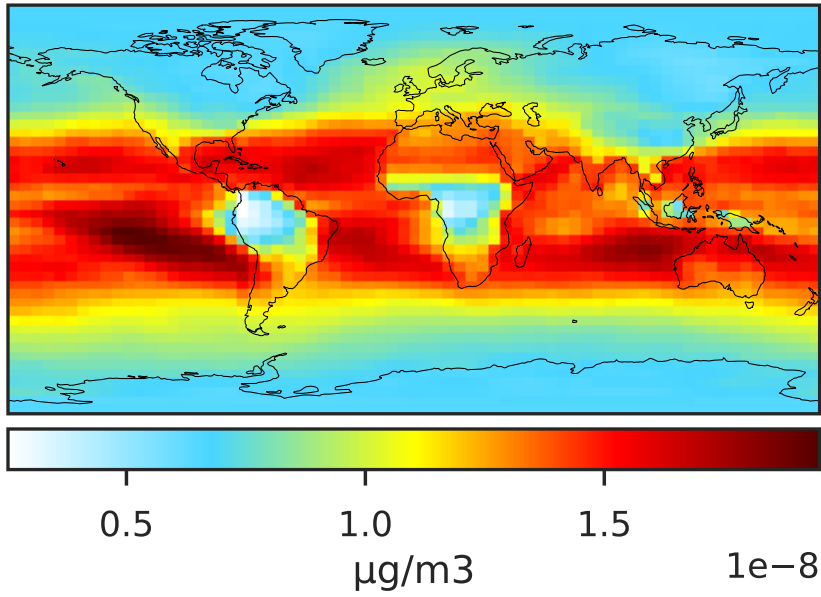


Ratio
Dev/Ref, Fixed Range

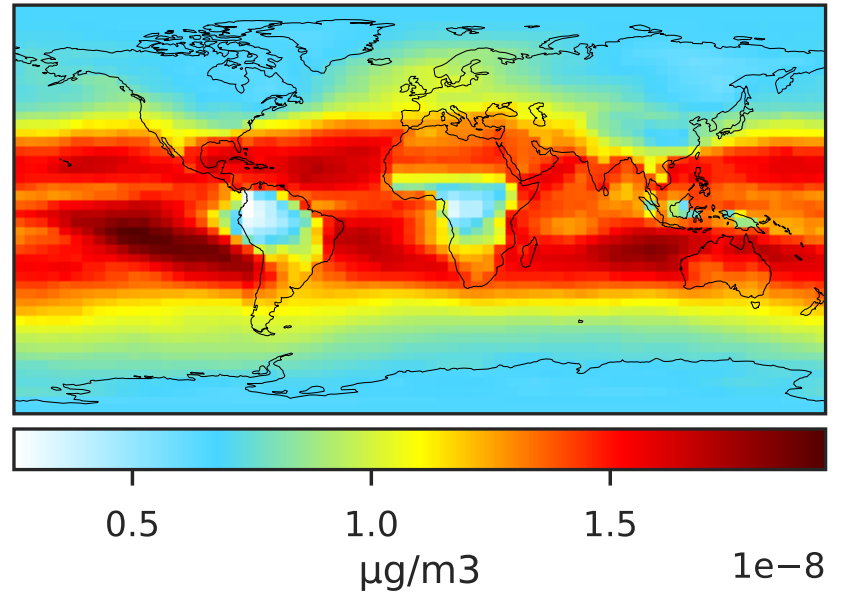


SpeciesConcVV_SALAAL (AnnualMean)

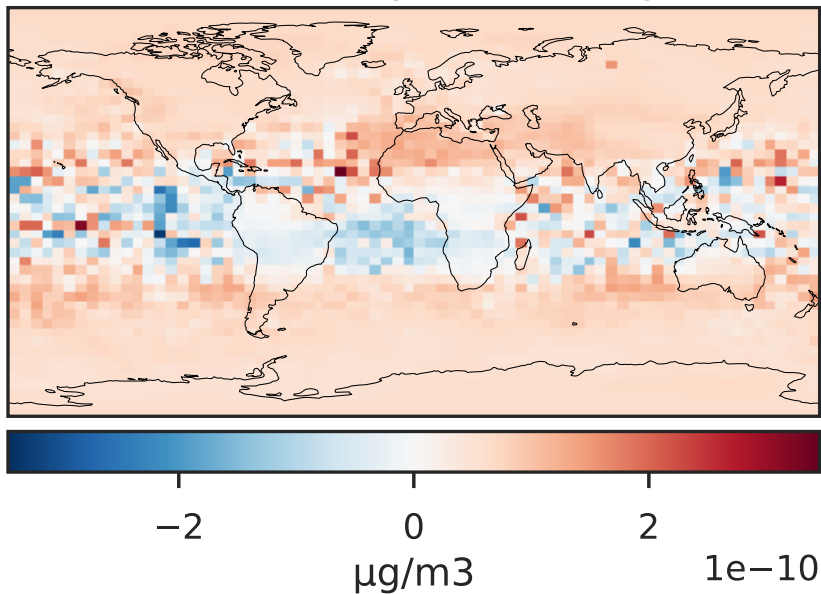
14.2.0-rc.2 (Ref)
4.0x5.0



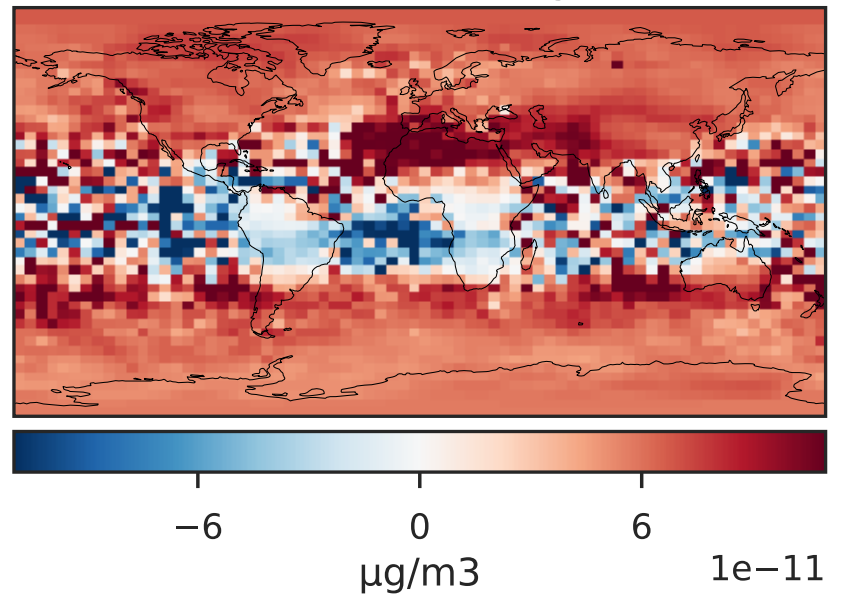
14.3.0-rc.0 (Dev)
4.0x5.0



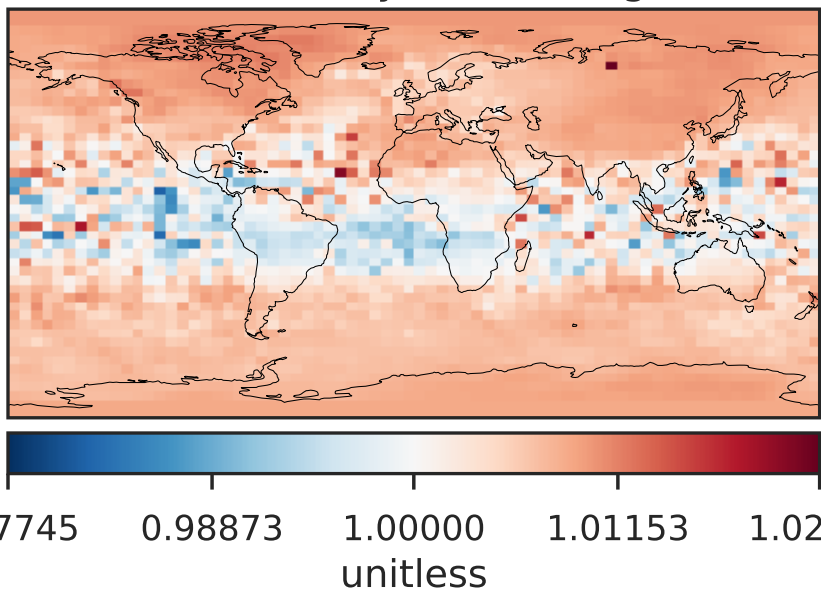
Difference
Dev - Ref, Dynamic Range



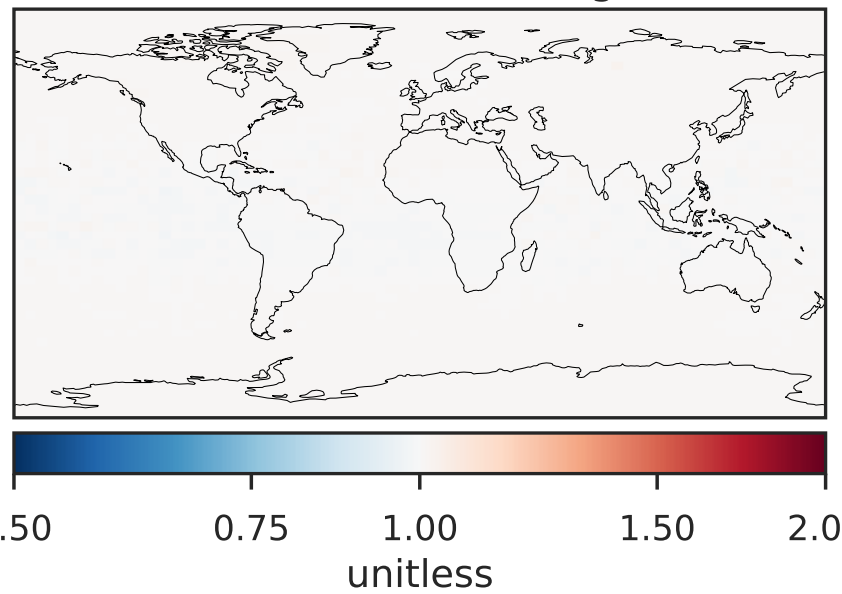
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

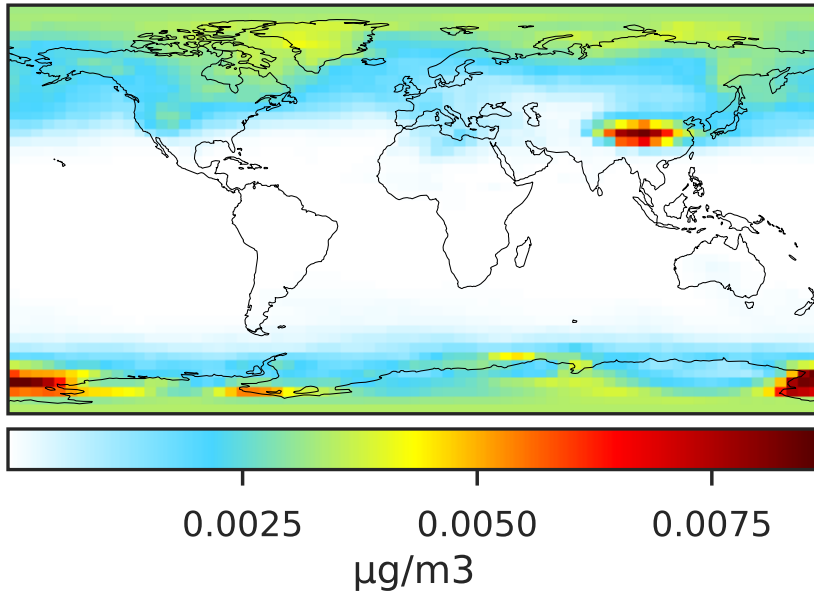


Ratio
Dev/Ref, Fixed Range

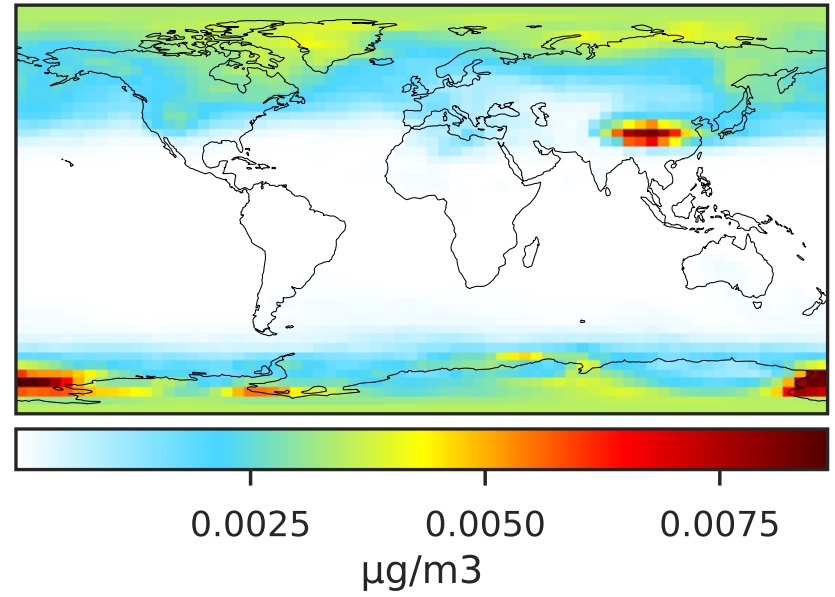


SpeciesConcVV_SALACL (AnnualMean)

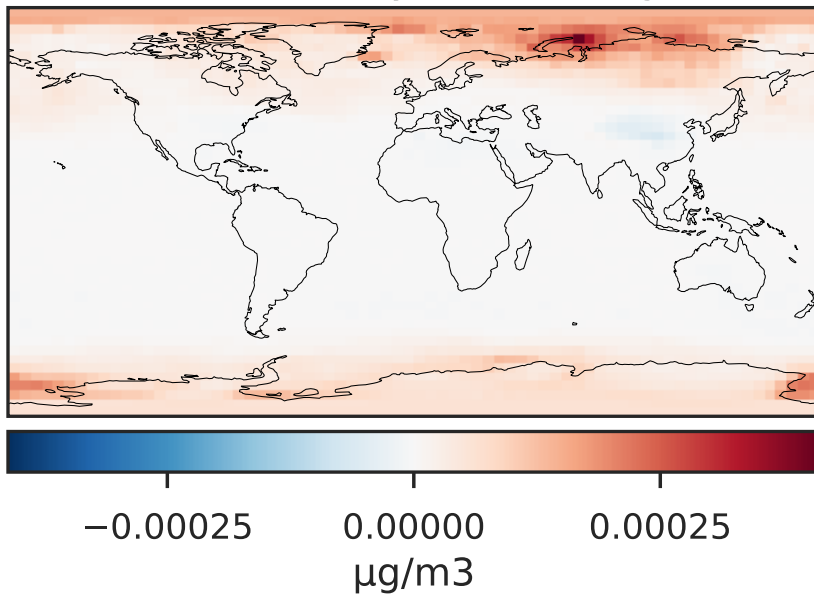
14.2.0-rc.2 (Ref)
4.0x5.0



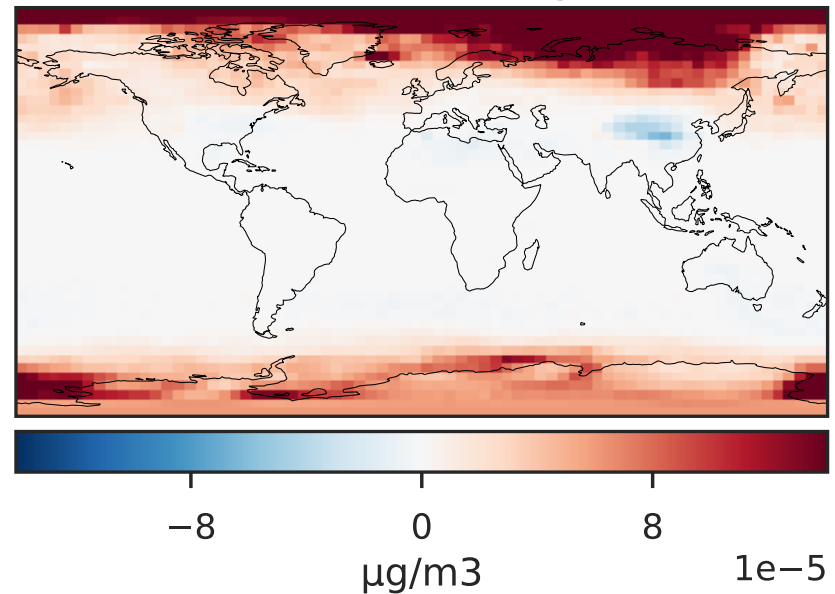
14.3.0-rc.0 (Dev)
4.0x5.0



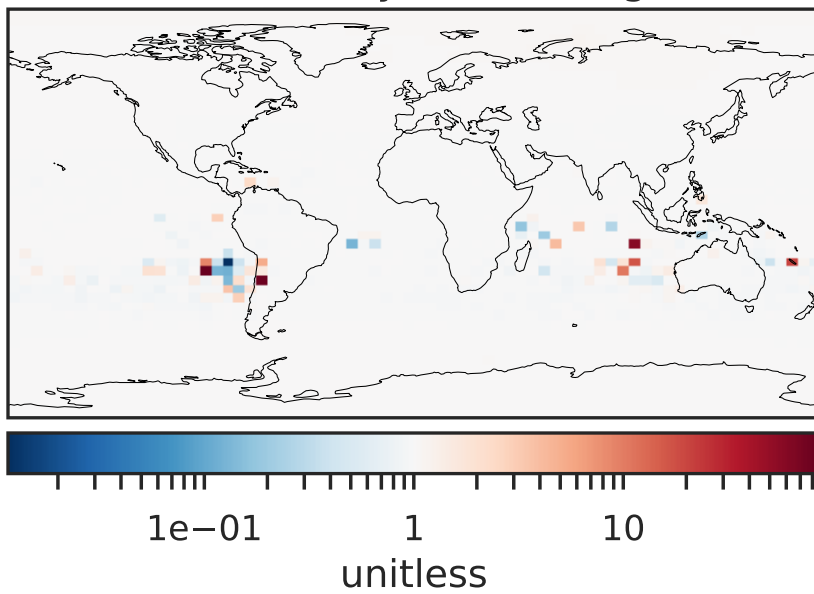
Difference
Dev - Ref, Dynamic Range



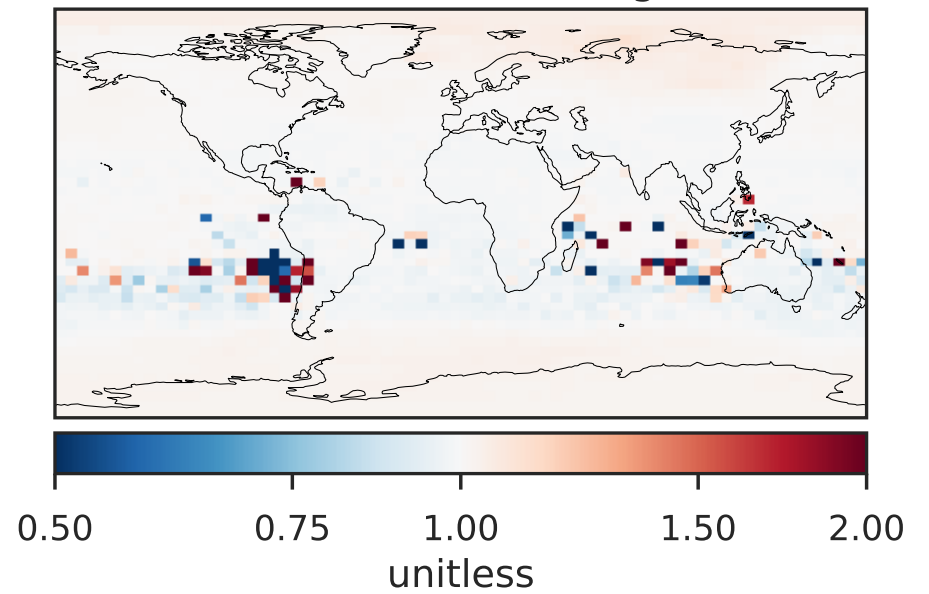
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

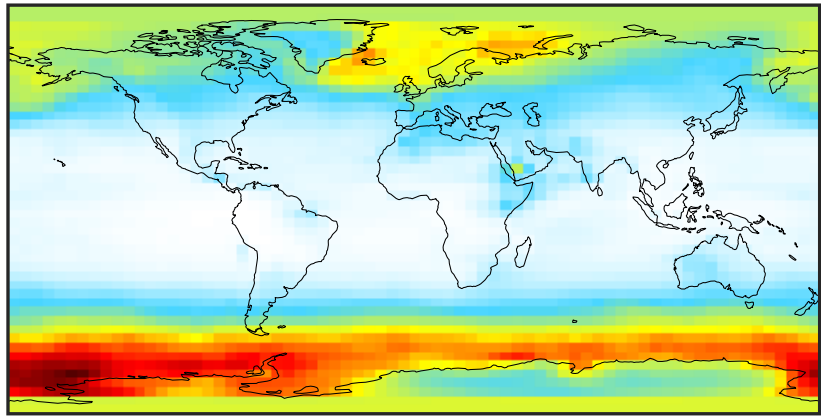


Ratio
Dev/Ref, Fixed Range



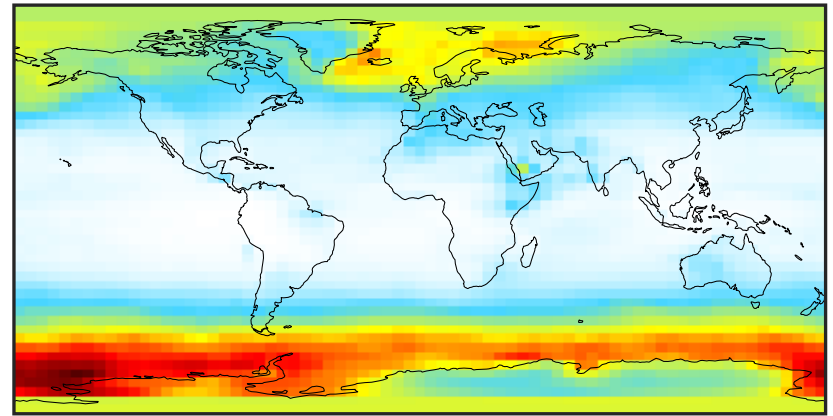
SpeciesConcVV_SALC (AnnualMean)

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



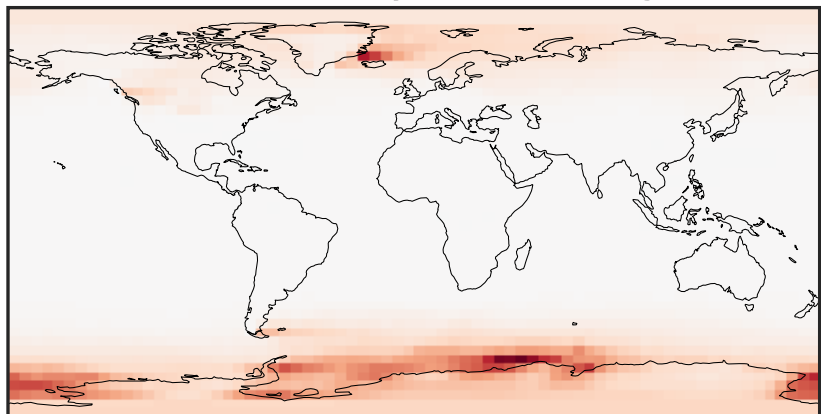
0.015 0.030 0.045
 $\mu\text{g}/\text{m}^3$

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



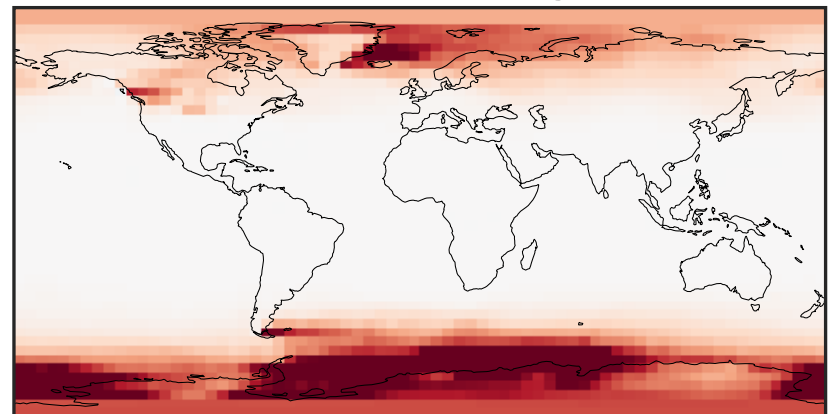
0.015 0.030 0.045
 $\mu\text{g}/\text{m}^3$

Difference
Dev - Ref, Dynamic Range



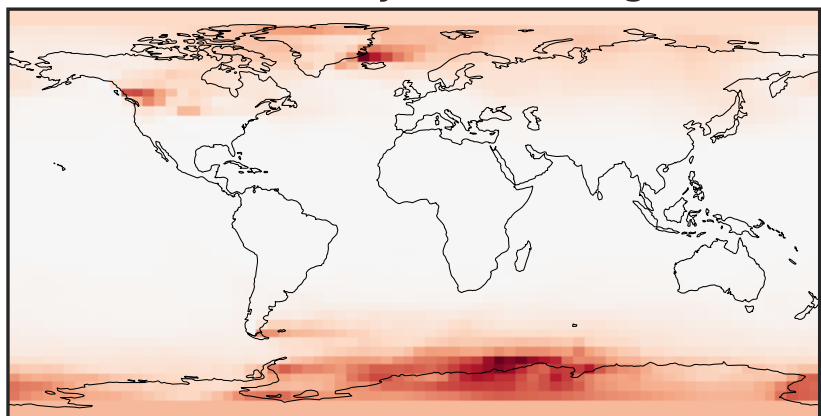
-0.00015 0.00000 0.00015
 $\mu\text{g}/\text{m}^3$

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



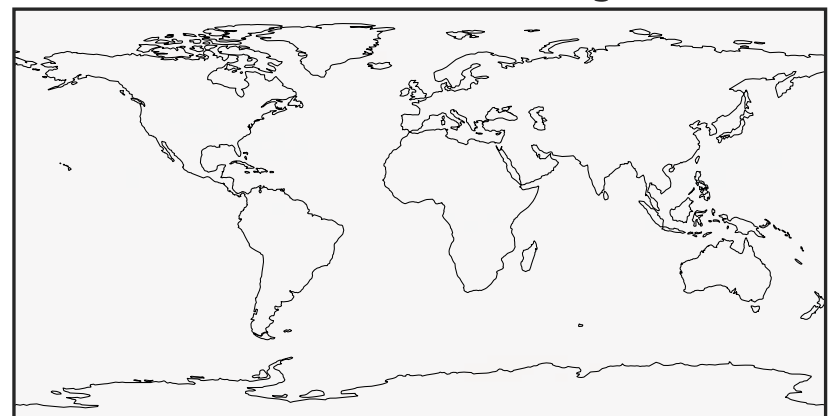
-4 0 4
 $\mu\text{g}/\text{m}^3$ $1\text{e}-5$

Ratio
Dev/Ref, Dynamic Range



0.99252 0.99626 1.00000 1.00377 1.00753
unitless

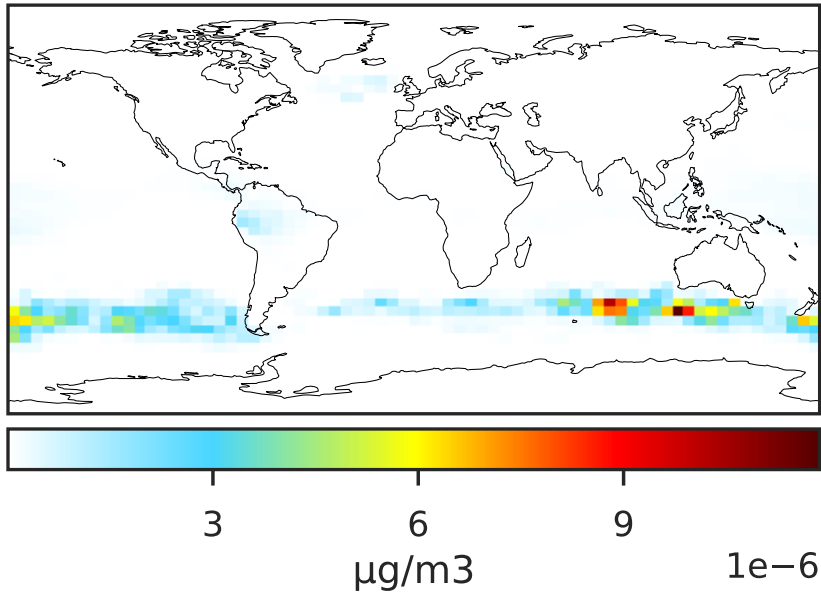
Ratio
Dev/Ref, Fixed Range



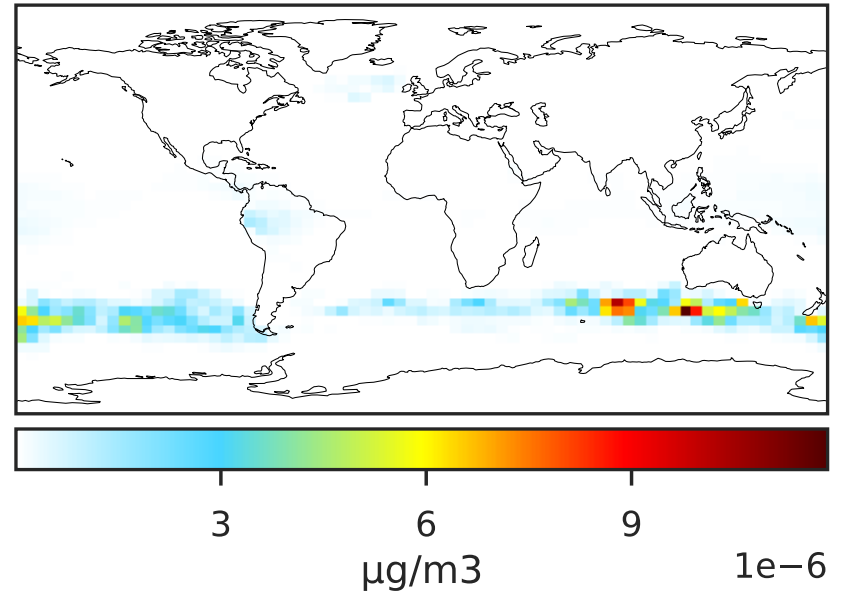
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_SALCAL (AnnualMean)

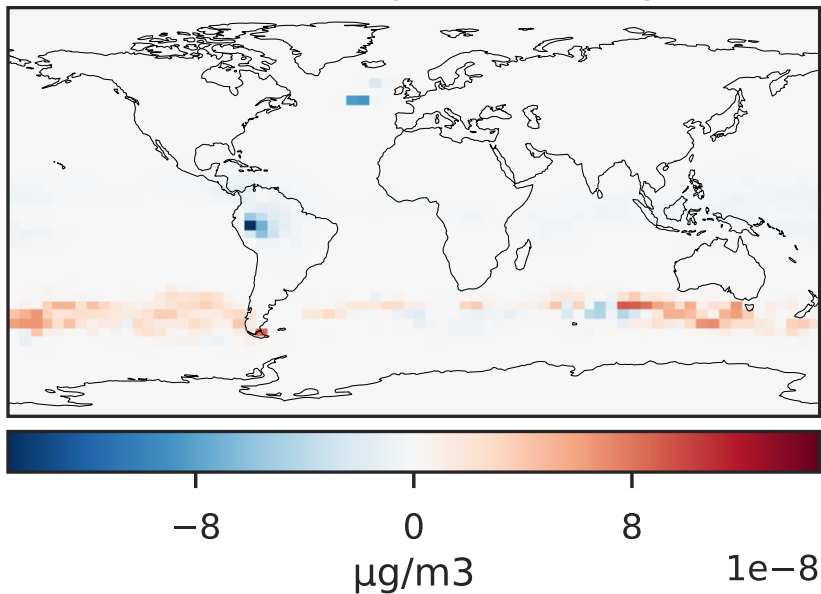
14.2.0-rc.2 (Ref)
4.0x5.0



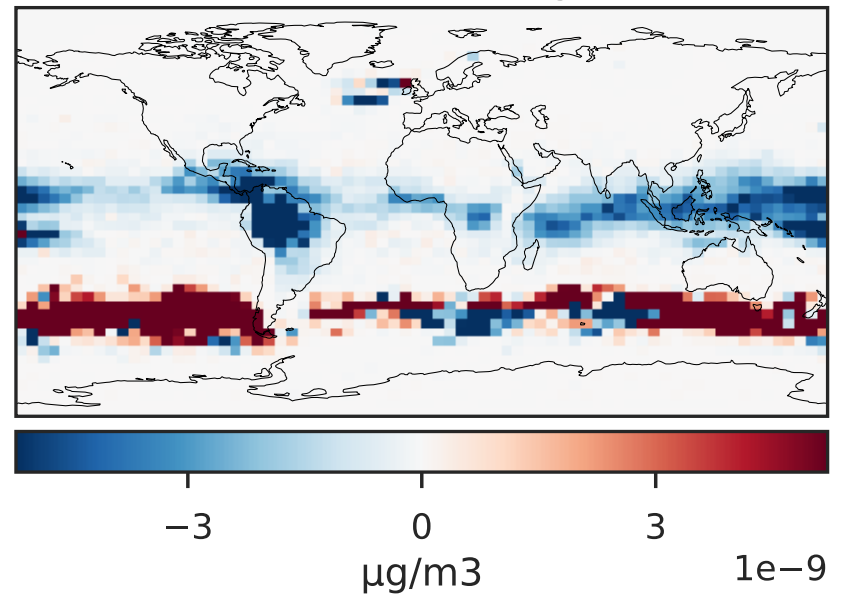
14.3.0-rc.0 (Dev)
4.0x5.0



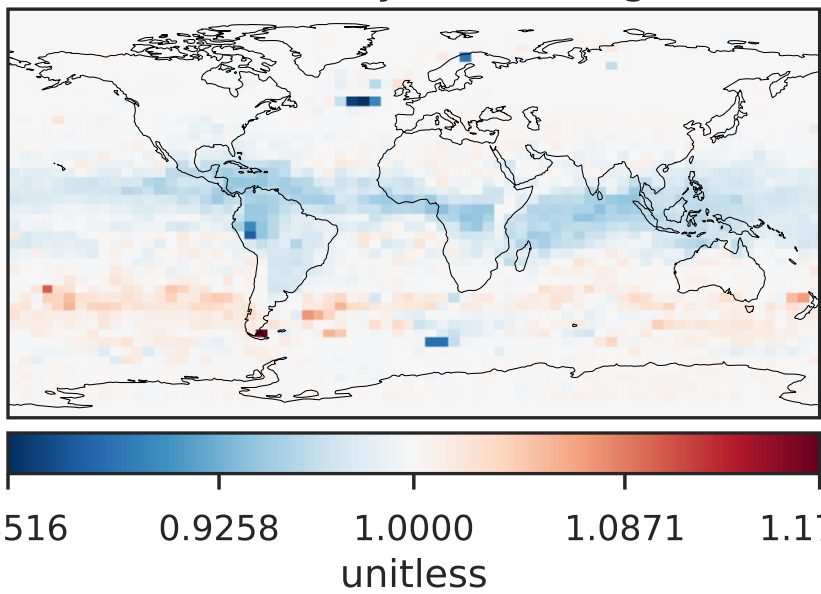
Difference
Dev - Ref, Dynamic Range



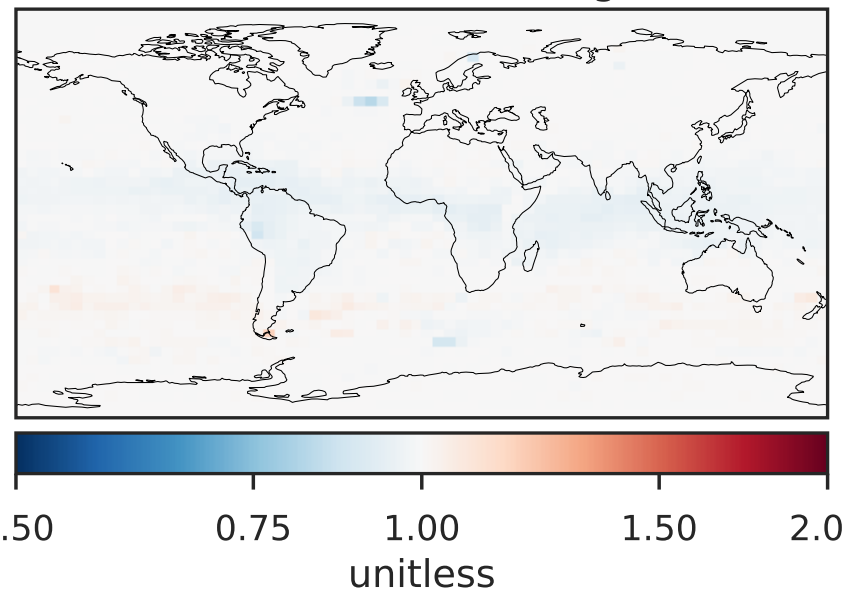
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

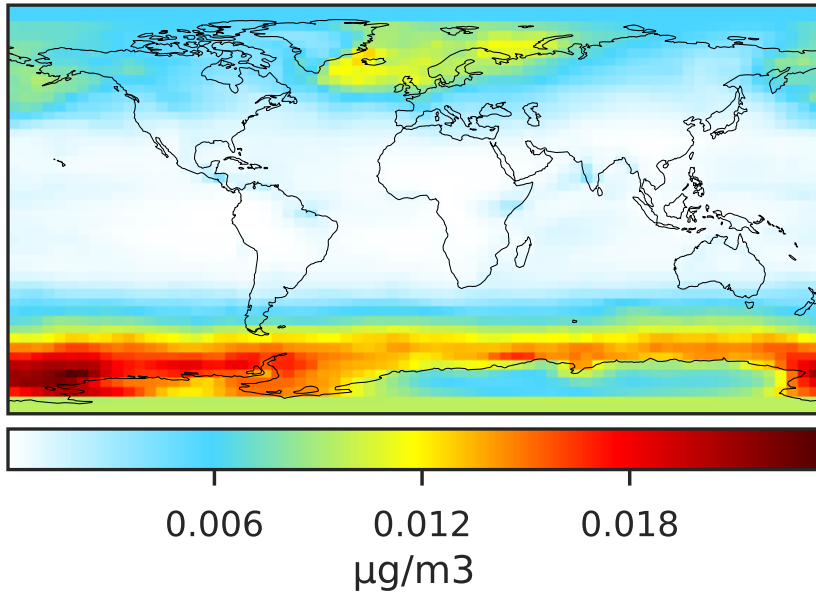


Ratio
Dev/Ref, Fixed Range

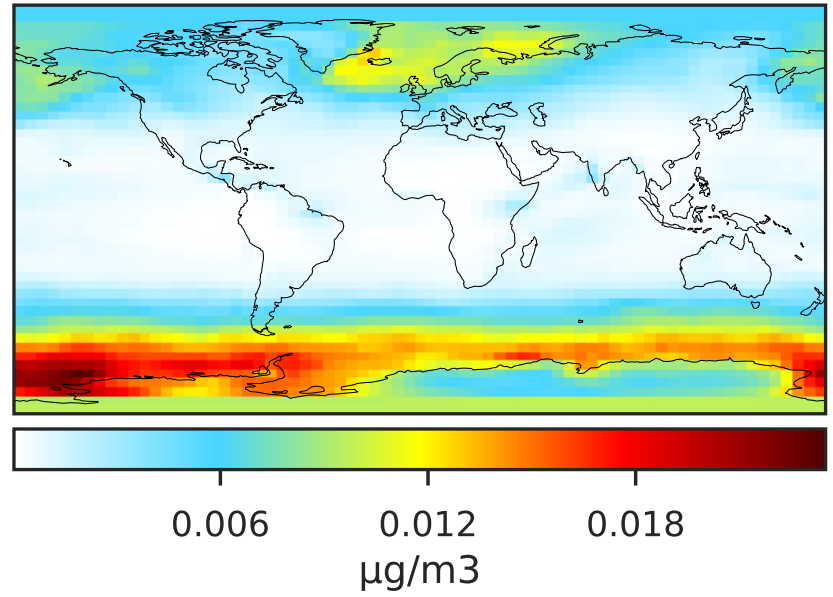


SpeciesConcVV_SALCCL (AnnualMean)

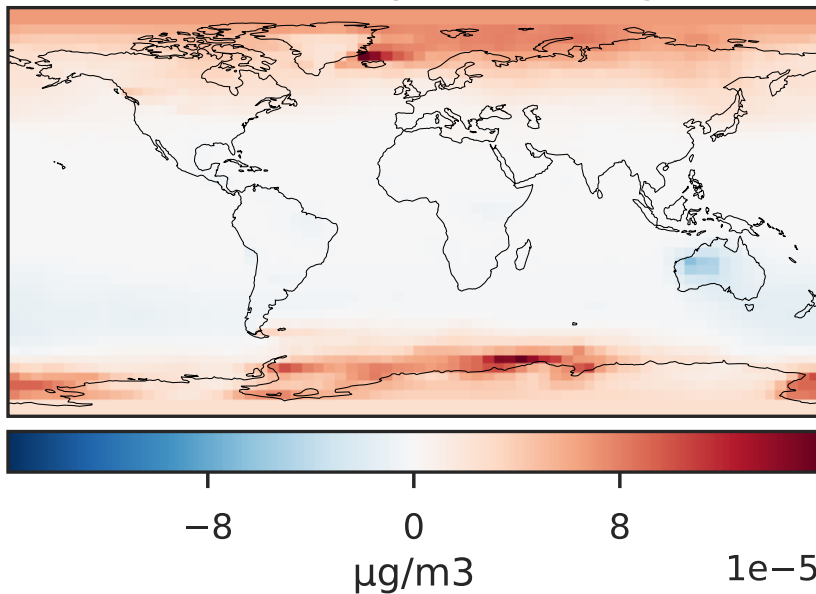
14.2.0-rc.2 (Ref)
4.0x5.0



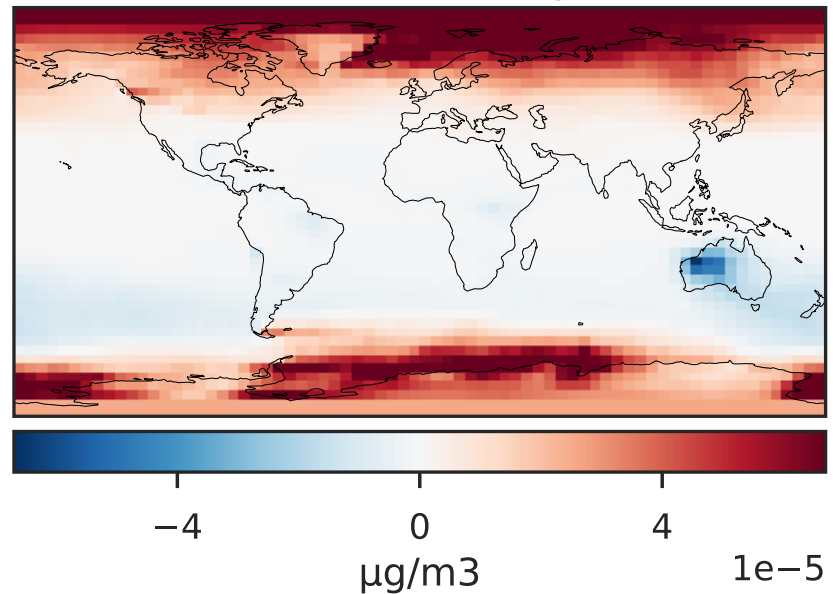
14.3.0-rc.0 (Dev)
4.0x5.0



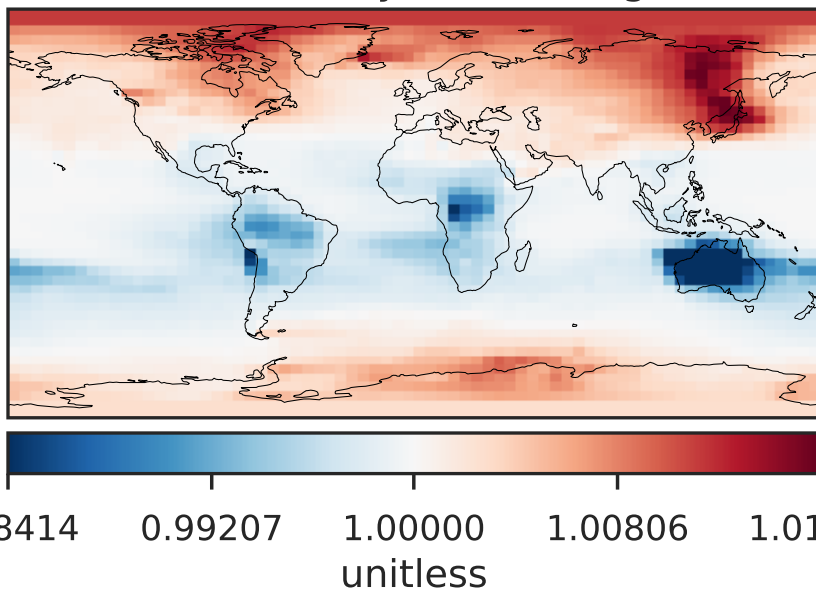
Difference
Dev - Ref, Dynamic Range



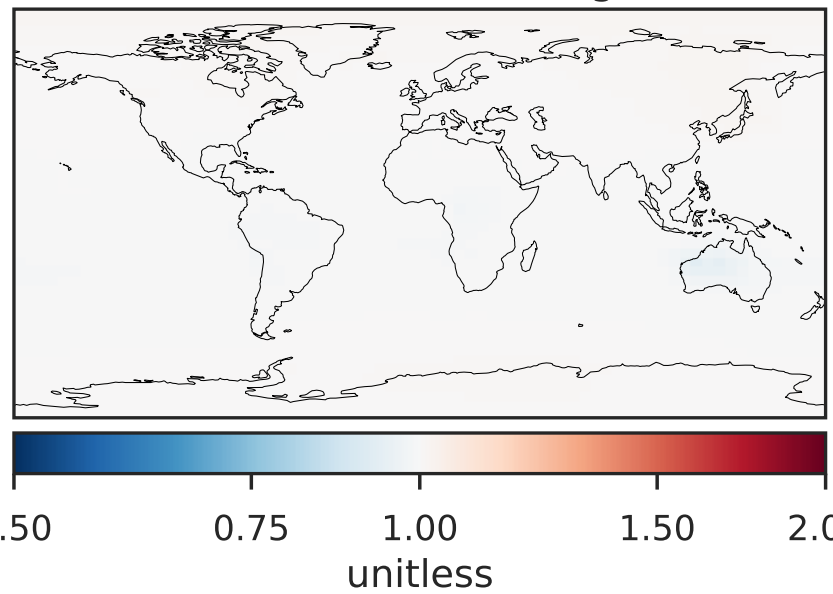
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

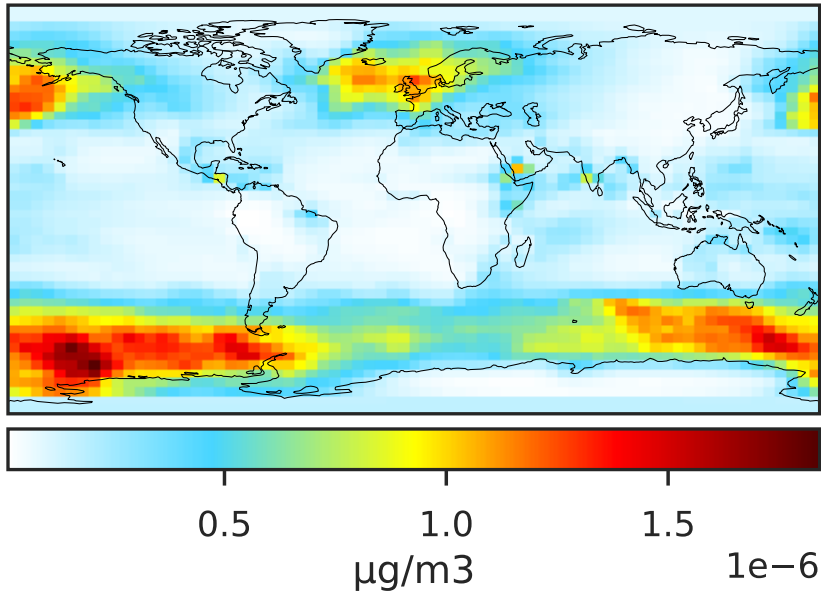


Ratio
Dev/Ref, Fixed Range

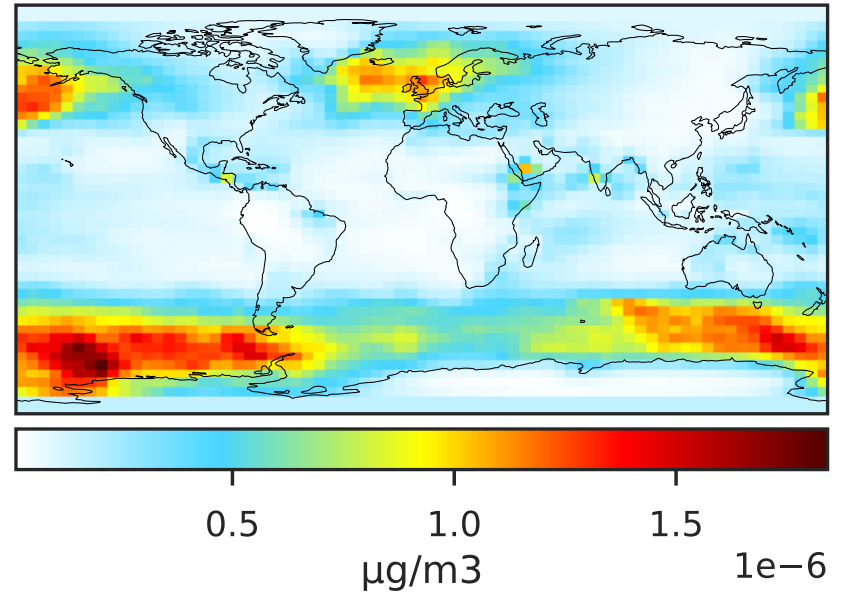


SpeciesConcVV_SO4s (AnnualMean)

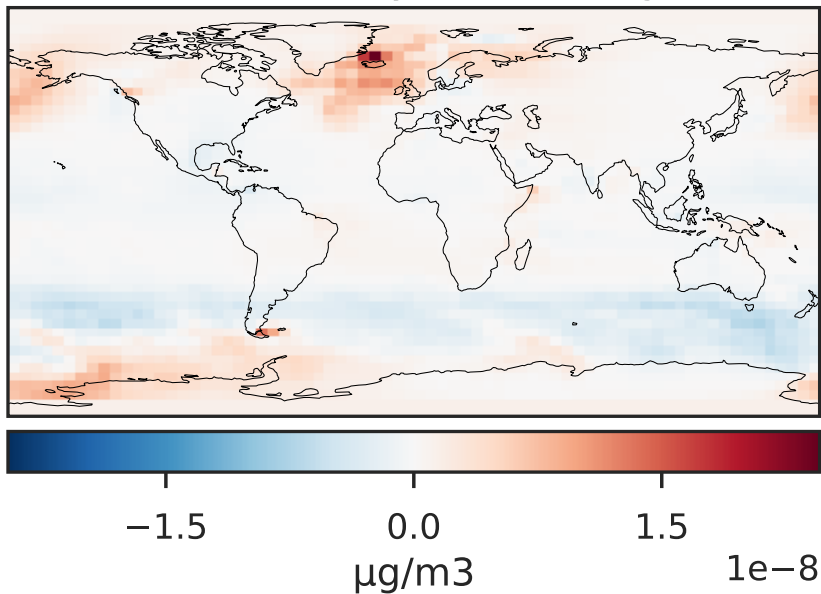
14.2.0-rc.2 (Ref)
4.0x5.0



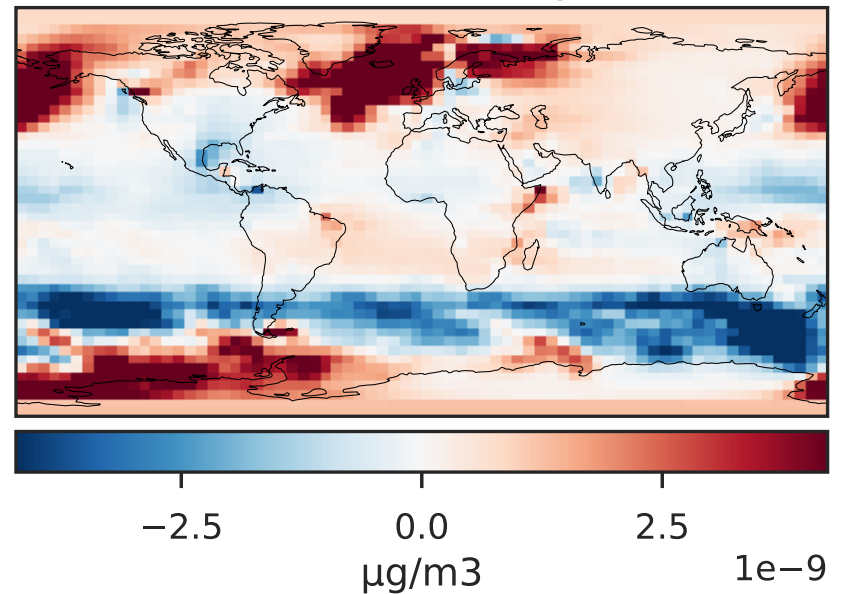
14.3.0-rc.0 (Dev)
4.0x5.0



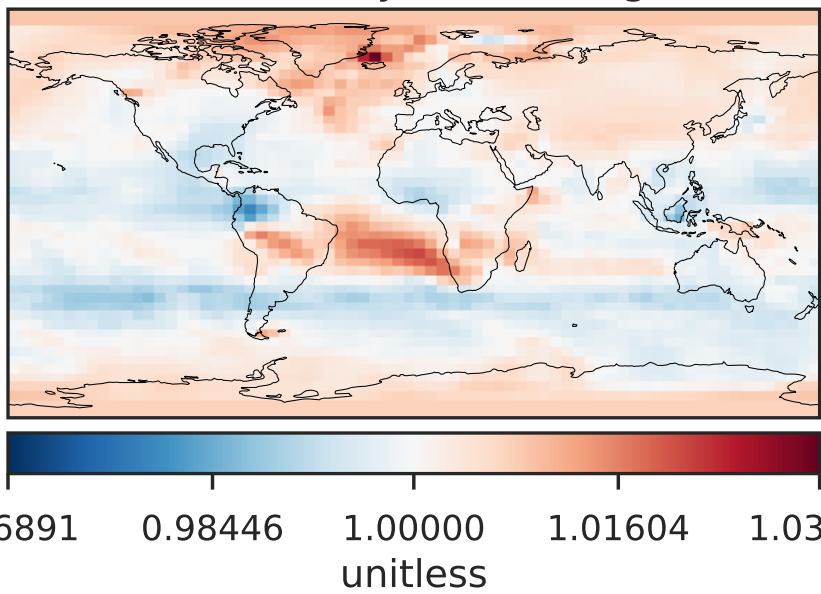
Difference
Dev - Ref, Dynamic Range



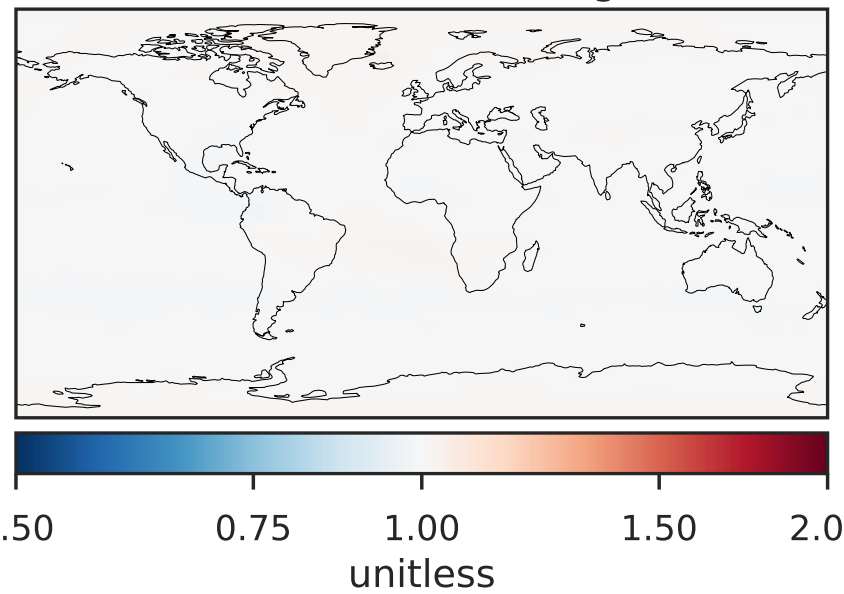
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

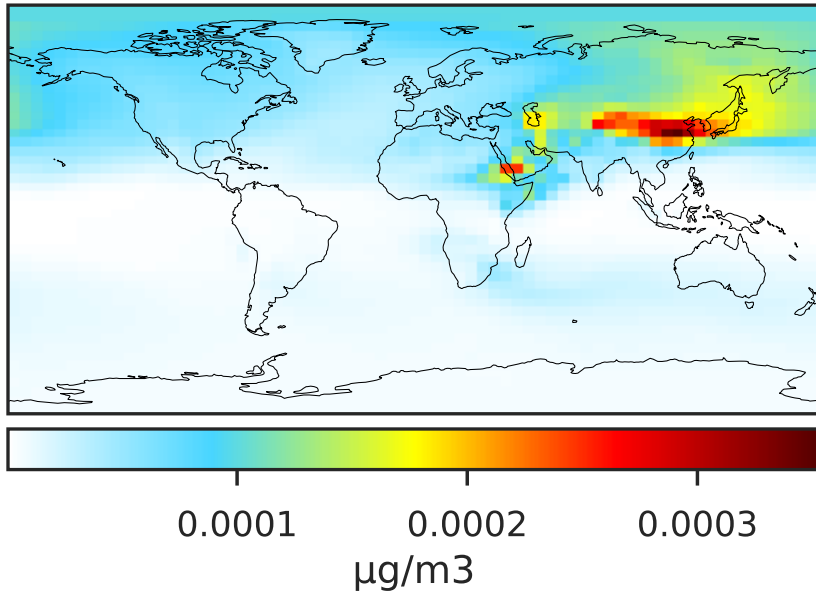


Ratio
Dev/Ref, Fixed Range

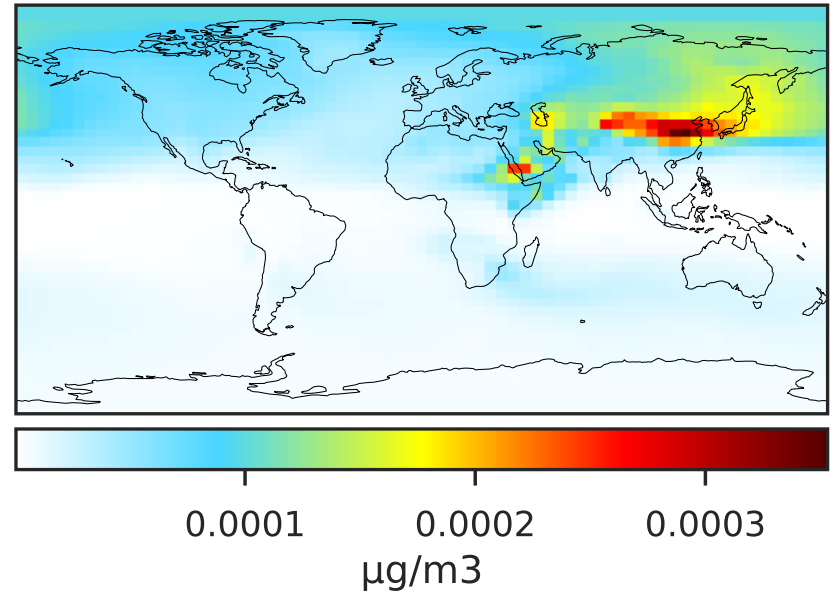


SpeciesConcVV_pFe (AnnualMean)

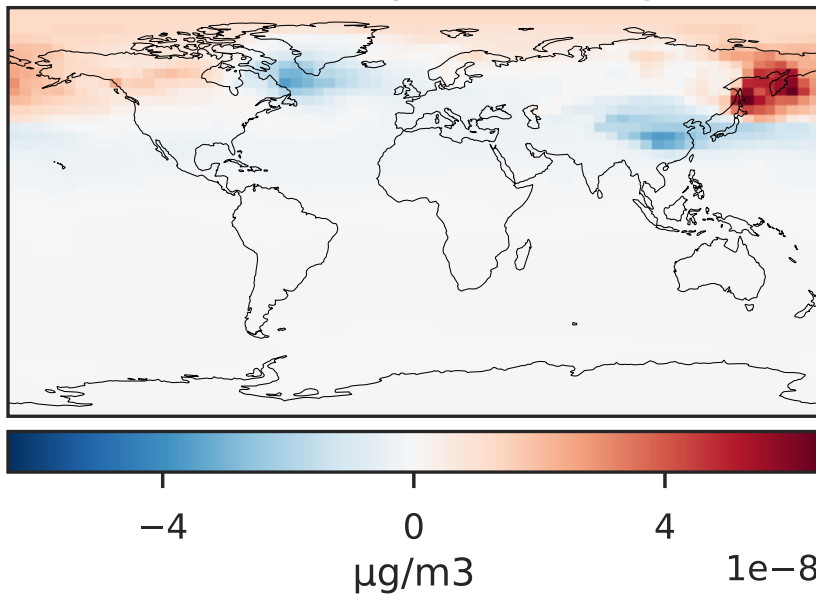
14.2.0-rc.2 (Ref)
4.0x5.0



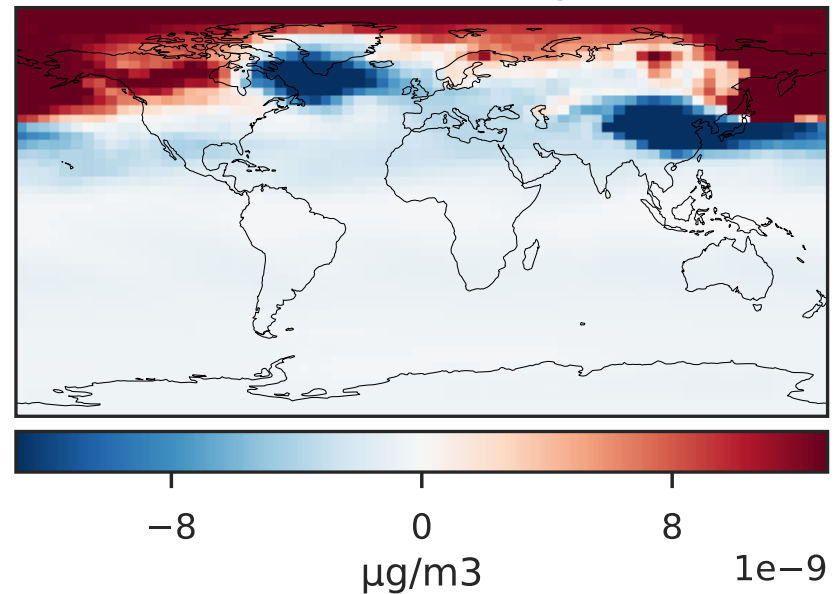
14.3.0-rc.0 (Dev)
4.0x5.0



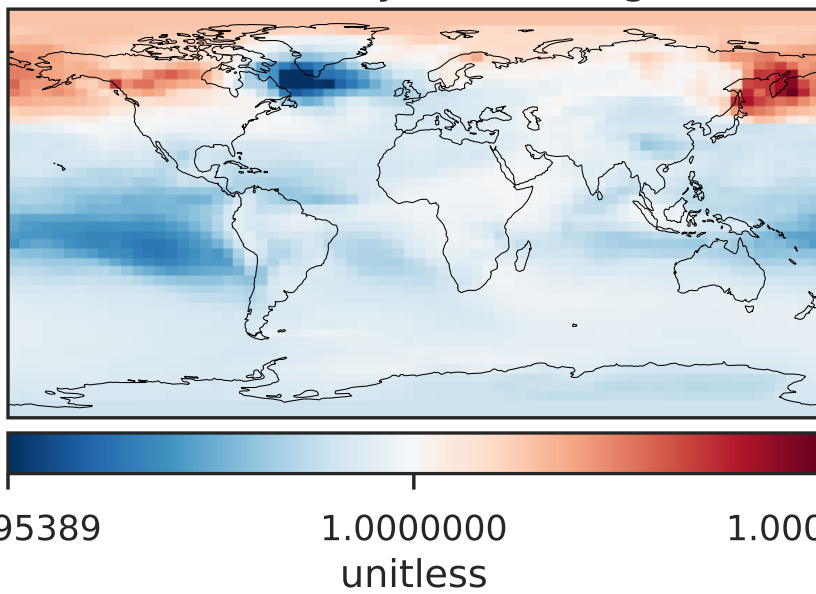
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

