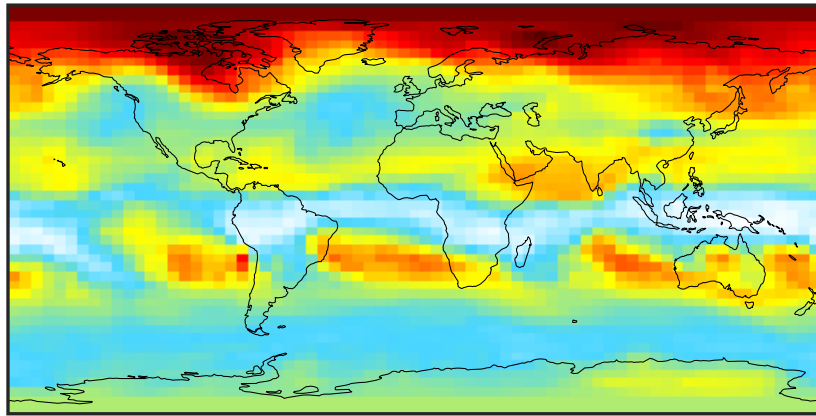


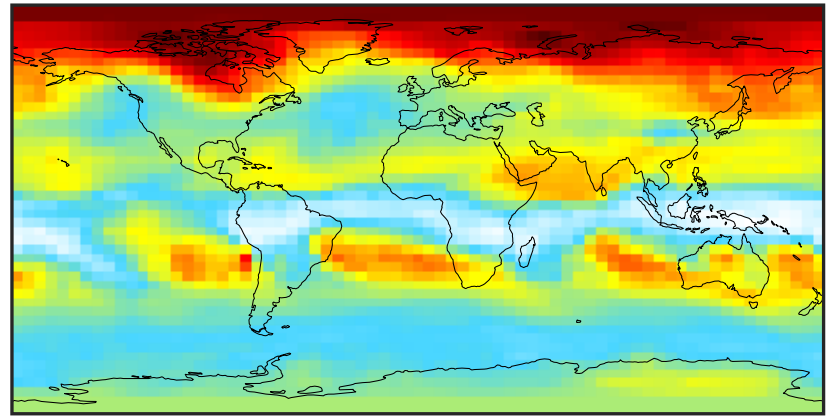
SpeciesConcVV_Cly (Jan2019)

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



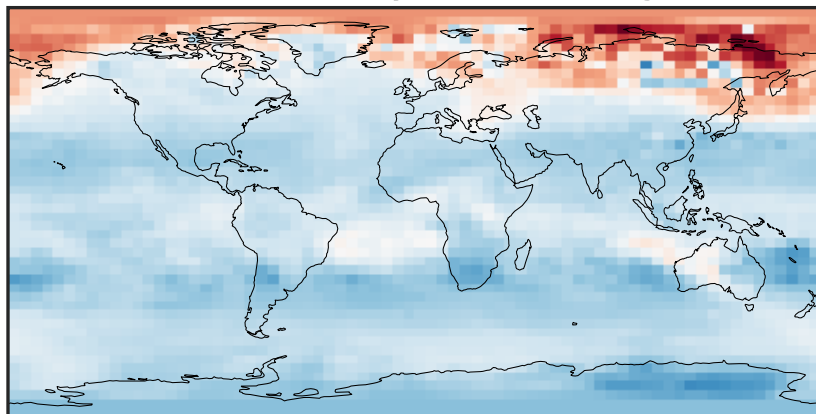
0.015 0.030 0.045
ppb

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



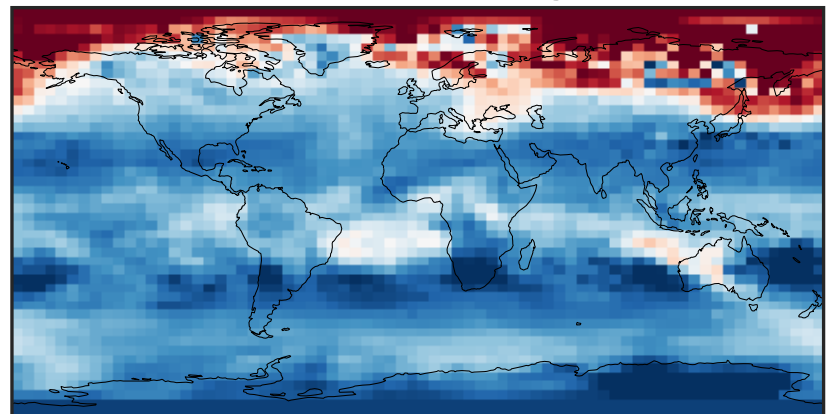
0.015 0.030 0.045
ppb

Difference
Dev - Ref, Dynamic Range



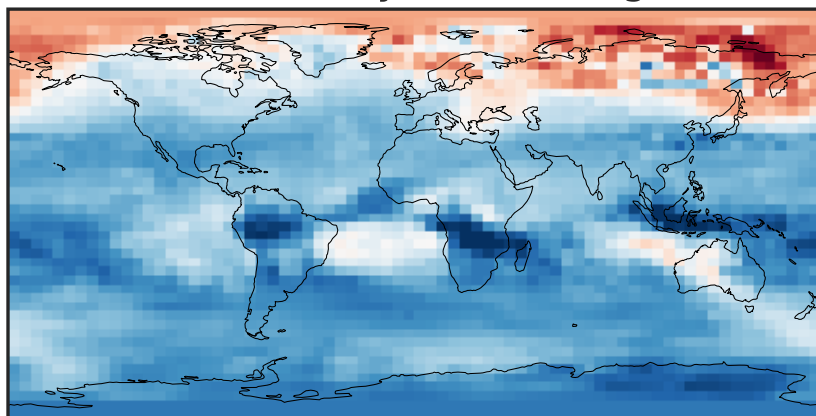
-0.00025 0.00000 0.00025
ppb

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



-0.00015 0.00000 0.00015
ppb

Ratio
Dev/Ref, Dynamic Range



0.99011 0.99505 1.00000 1.00500 1.00999
unitless

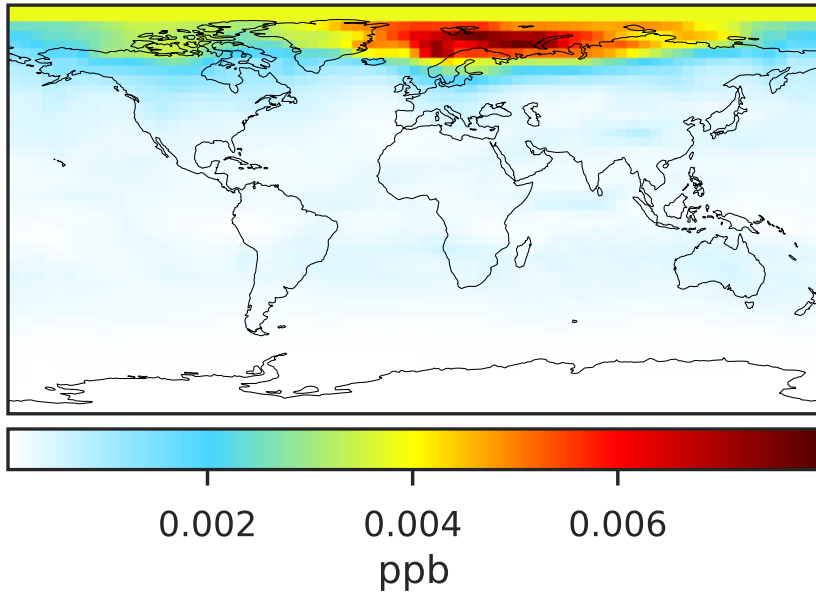
Ratio
Dev/Ref, Fixed Range



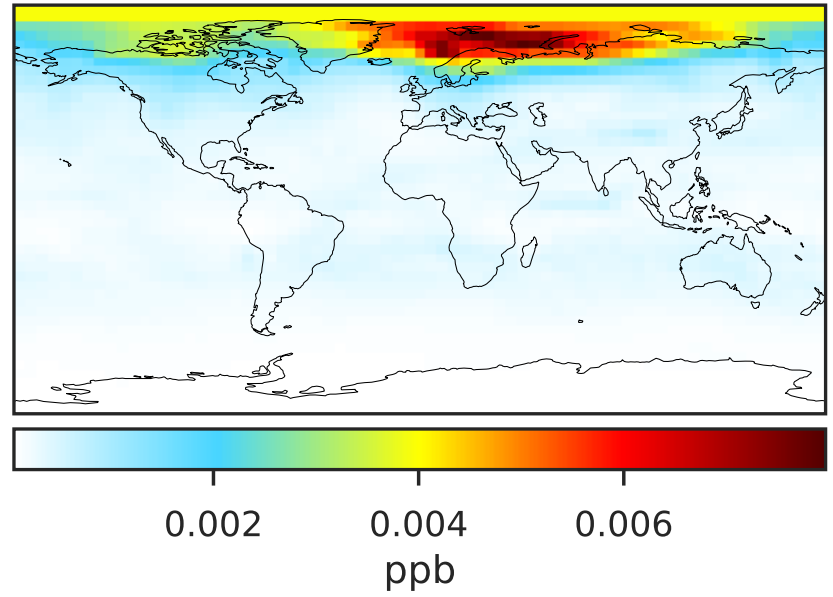
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVW_ClOx (Jan2019)

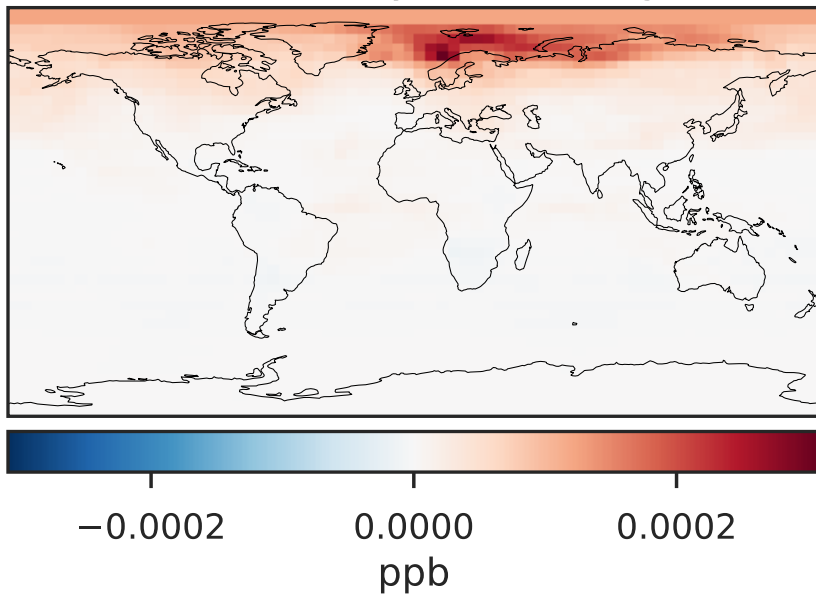
14.2.0-rc.2 (Ref)
4.0x5.0



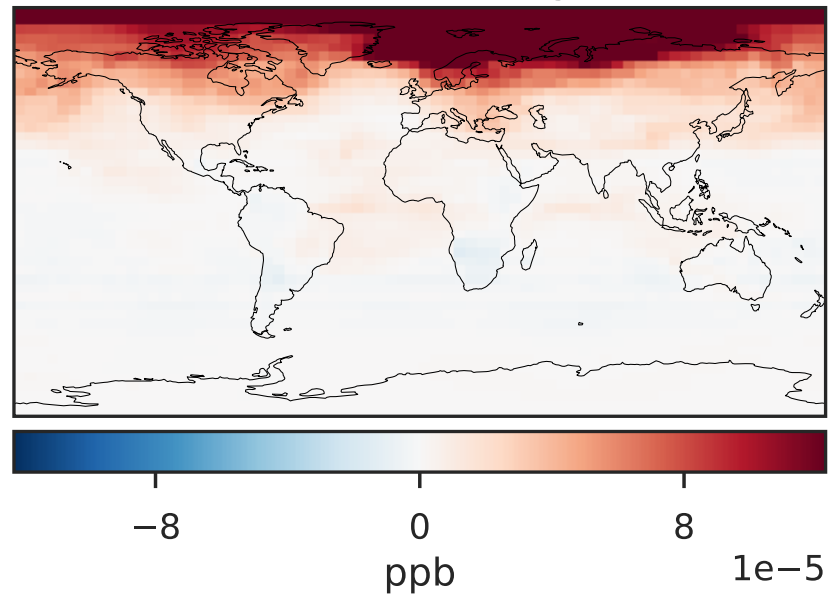
14.3.0-rc.0 (Dev)
4.0x5.0



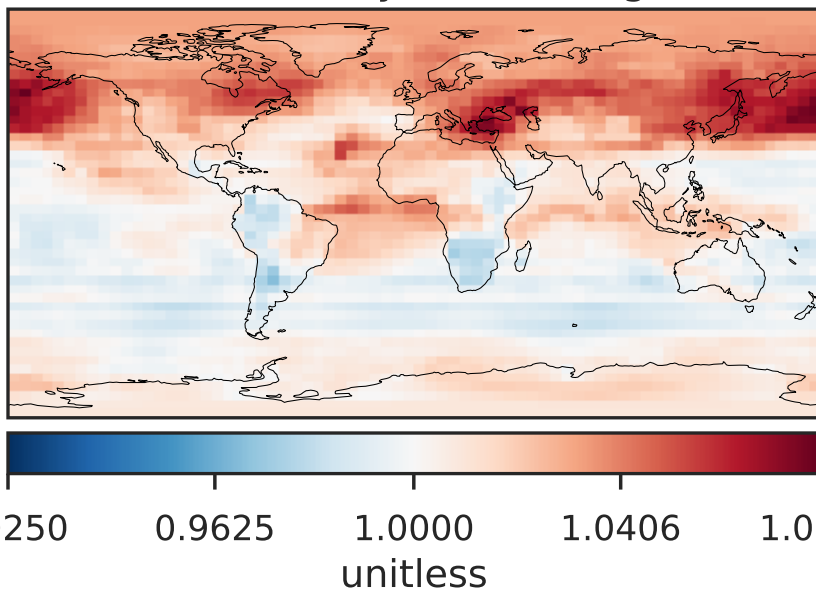
Difference
Dev - Ref, Dynamic Range



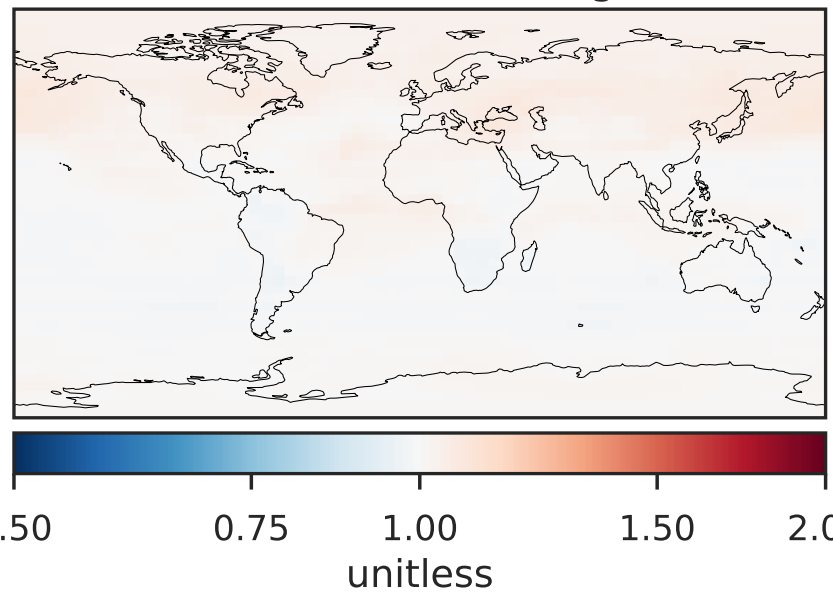
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

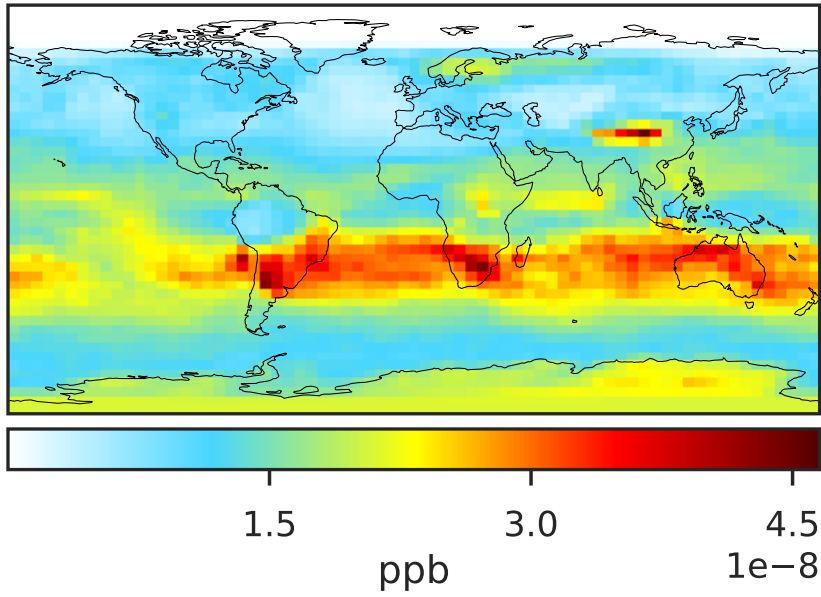


Ratio
Dev/Ref, Fixed Range

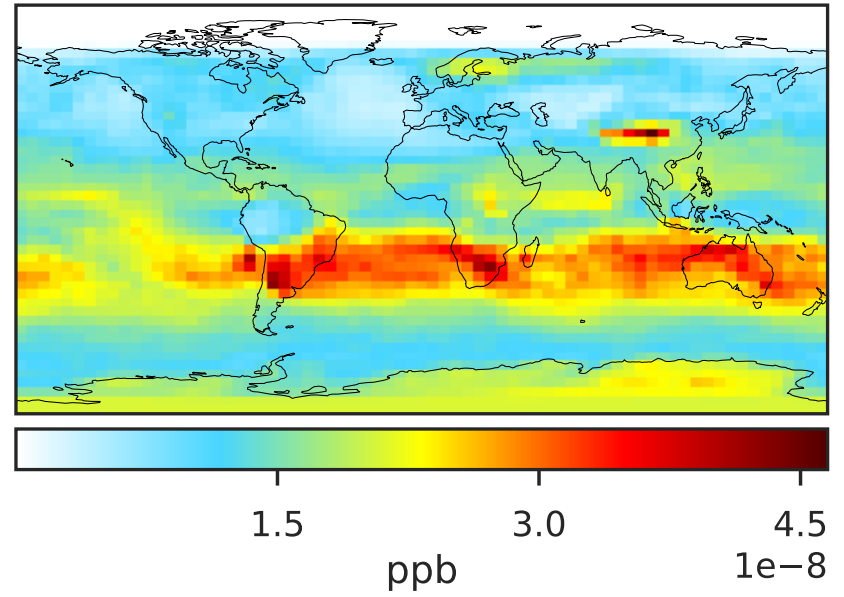


SpeciesConcVV_CI (Jan2019)

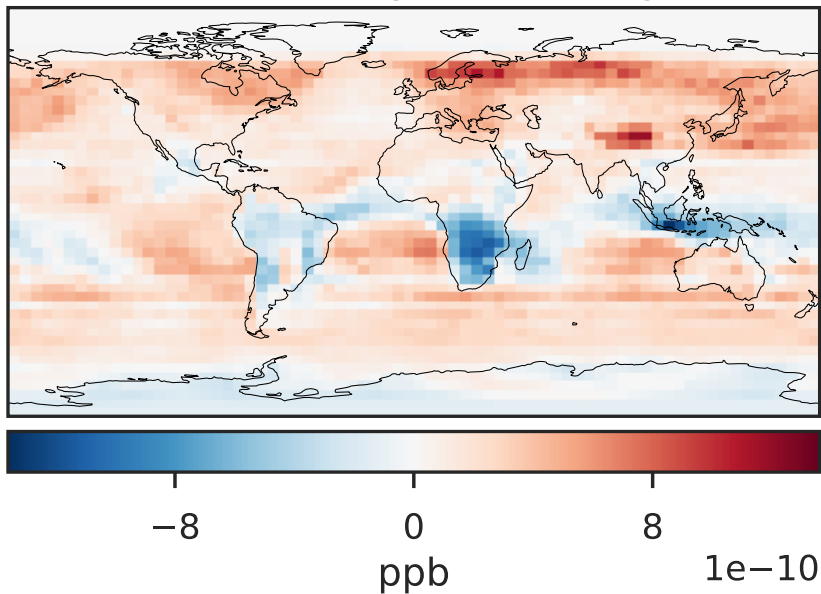
14.2.0-rc.2 (Ref)
4.0x5.0



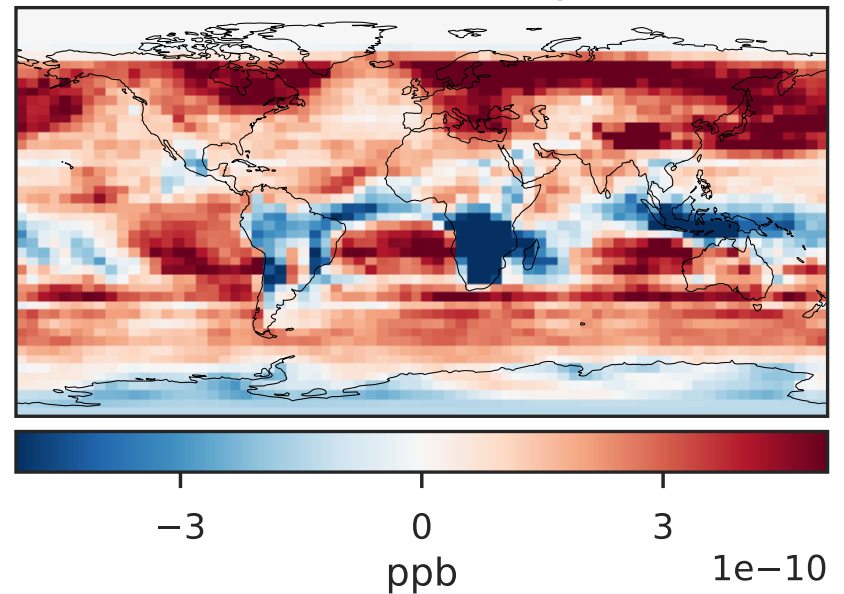
14.3.0-rc.0 (Dev)
4.0x5.0



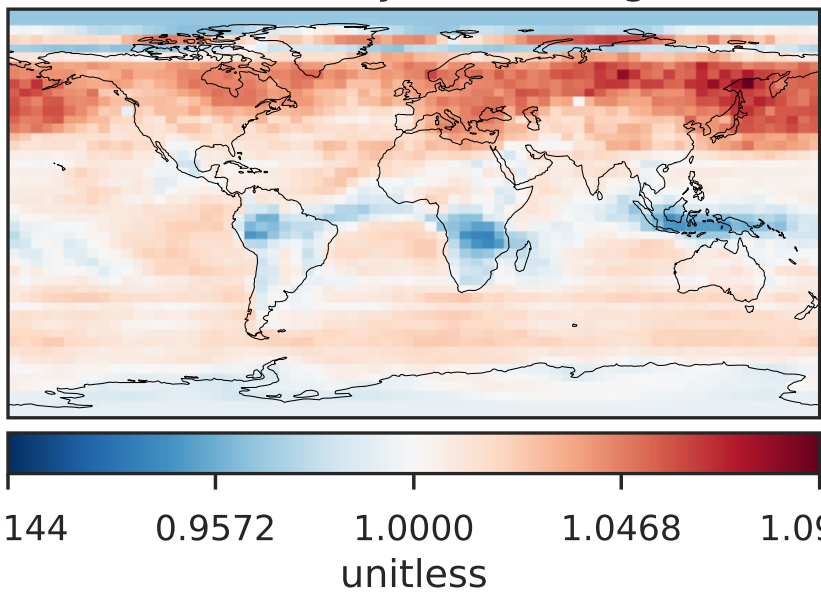
Difference
Dev - Ref, Dynamic Range



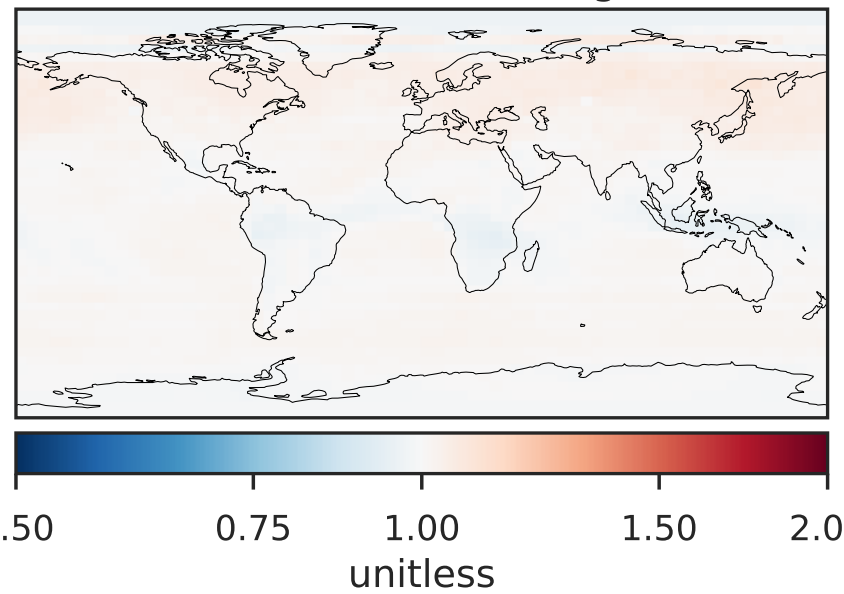
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

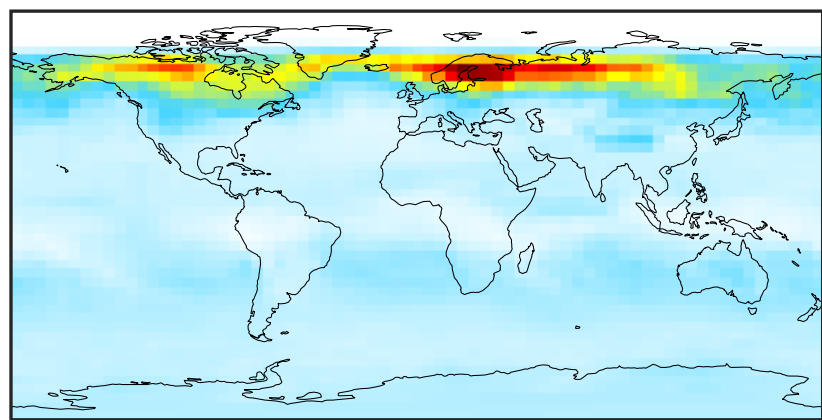


Ratio
Dev/Ref, Fixed Range



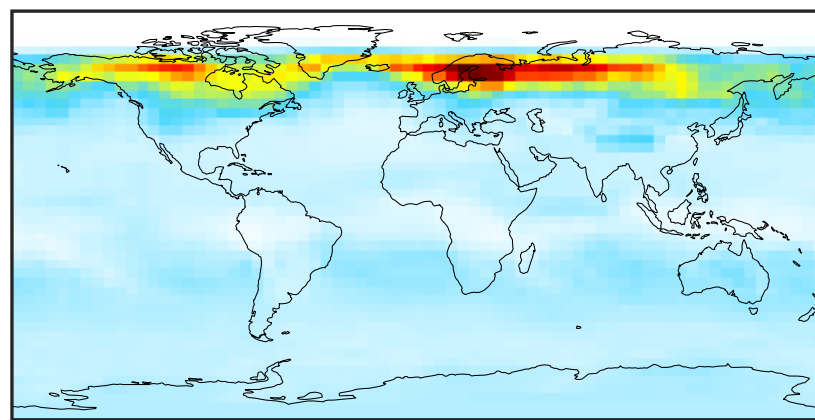
SpeciesConcVV_CIO (Jan2019)

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



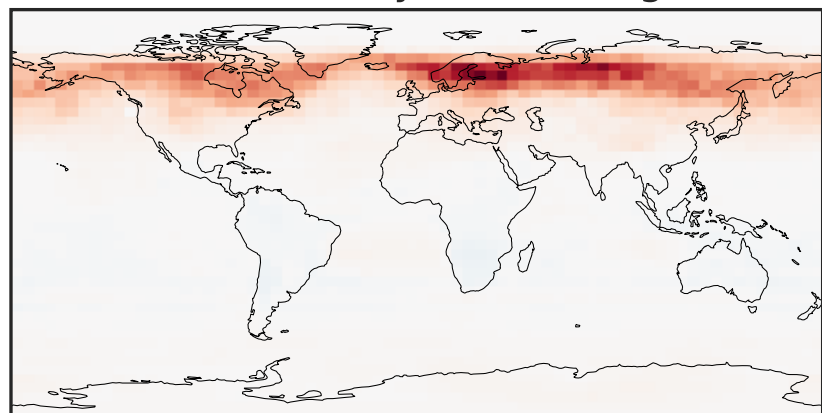
0.00006 0.00012 0.00018 0.00024
ppb

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



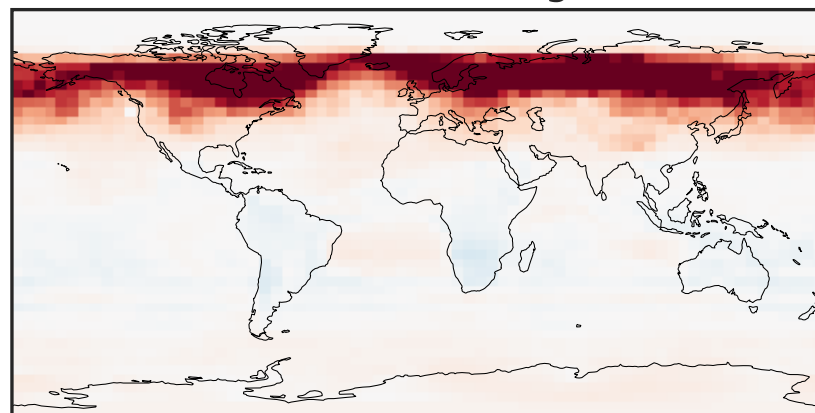
0.00006 0.00012 0.00018 0.00024
ppb

Difference
Dev - Ref, Dynamic Range



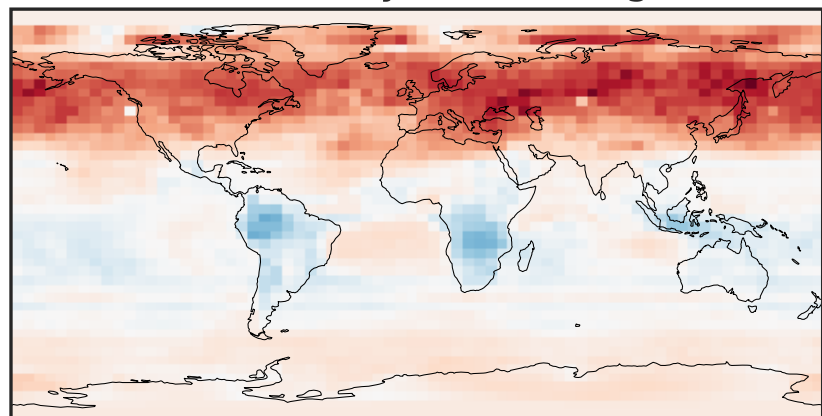
-8 0 8
ppb $1e-6$

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



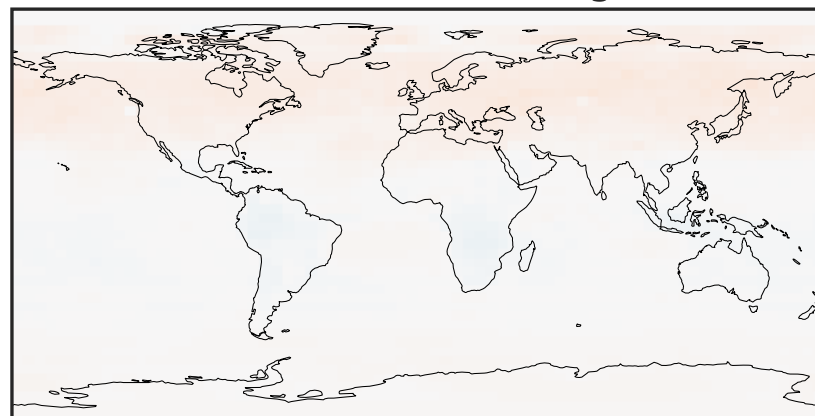
-2.5 0.0 2.5
ppb $1e-6$

Ratio
Dev/Ref, Dynamic Range



0.9187 0.9593 1.000 1.0443 1.0886
unitless

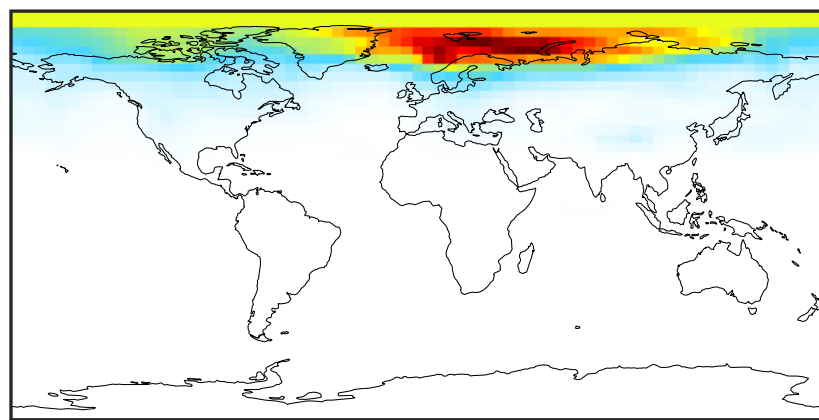
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

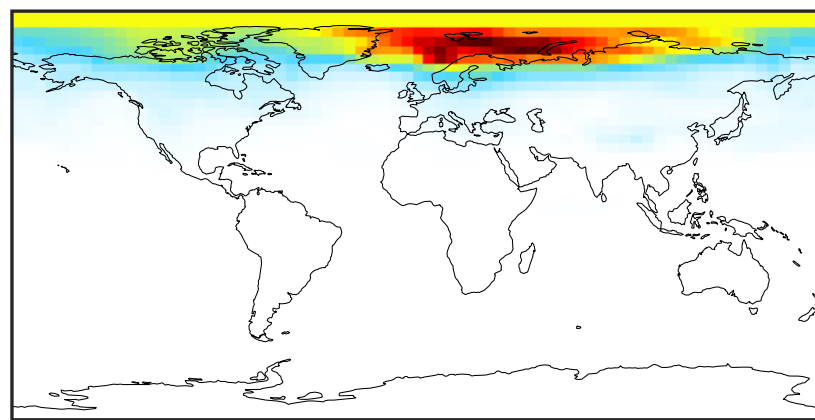
SpeciesConcVV_Cl2 (Jan2019)

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



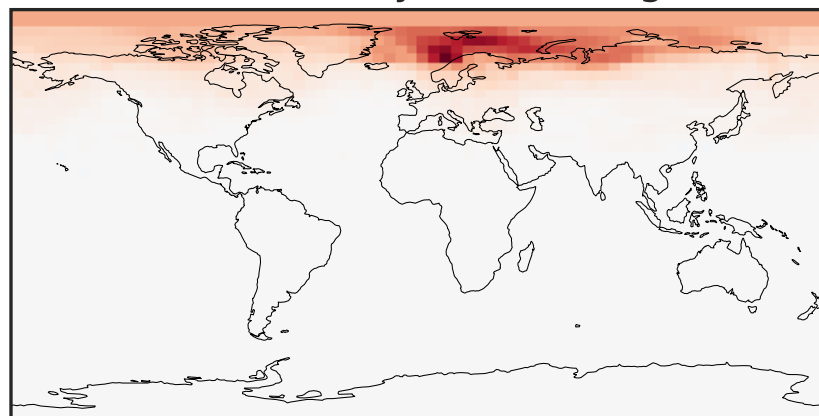
0.001 0.002 0.003
ppb

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



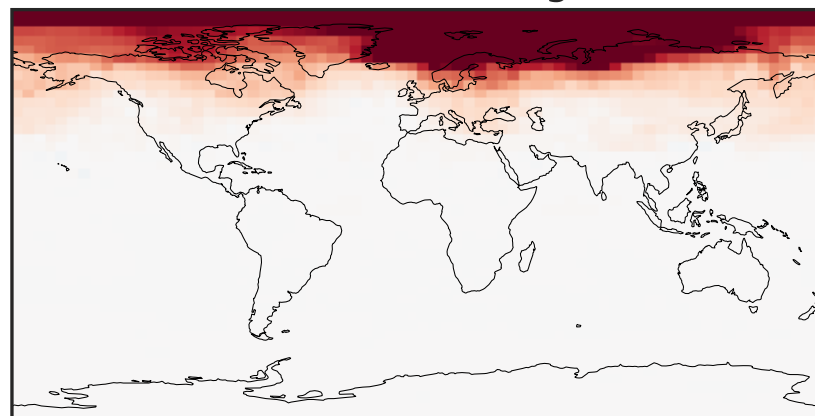
0.001 0.002 0.003
ppb

Difference
Dev - Ref, Dynamic Range



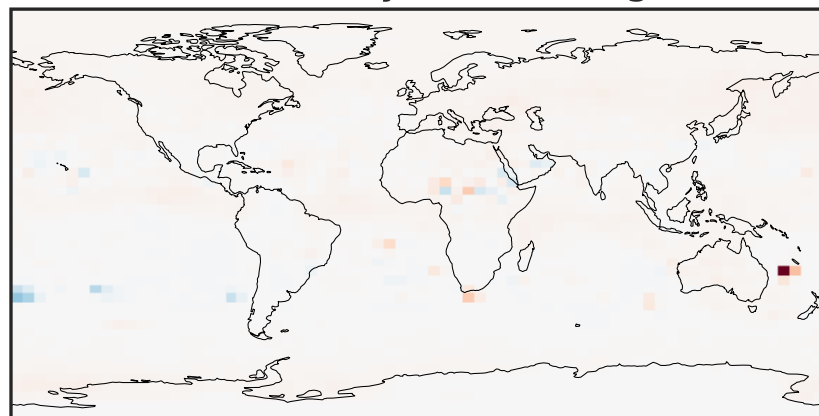
-8 0 8
ppb $1e-5$

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



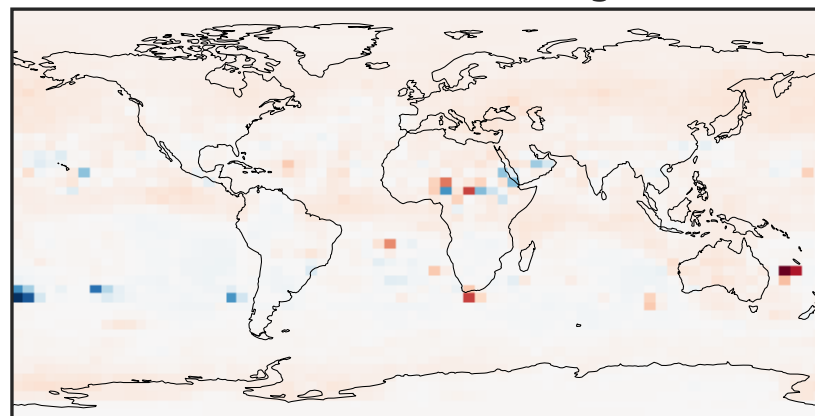
-3 0 3
ppb $1e-5$

Ratio
Dev/Ref, Dynamic Range



0.156 0.578 1.000 3.707 6.414
unitless

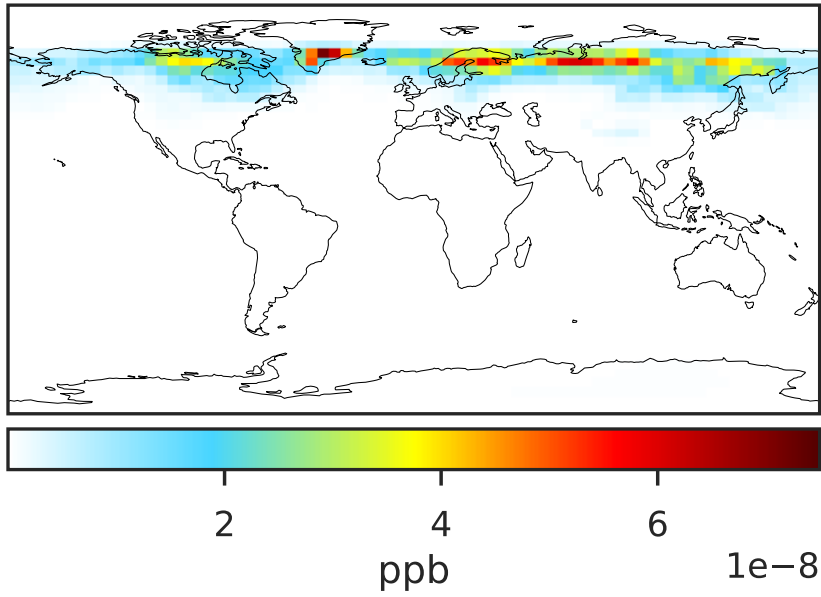
Ratio
Dev/Ref, Fixed Range



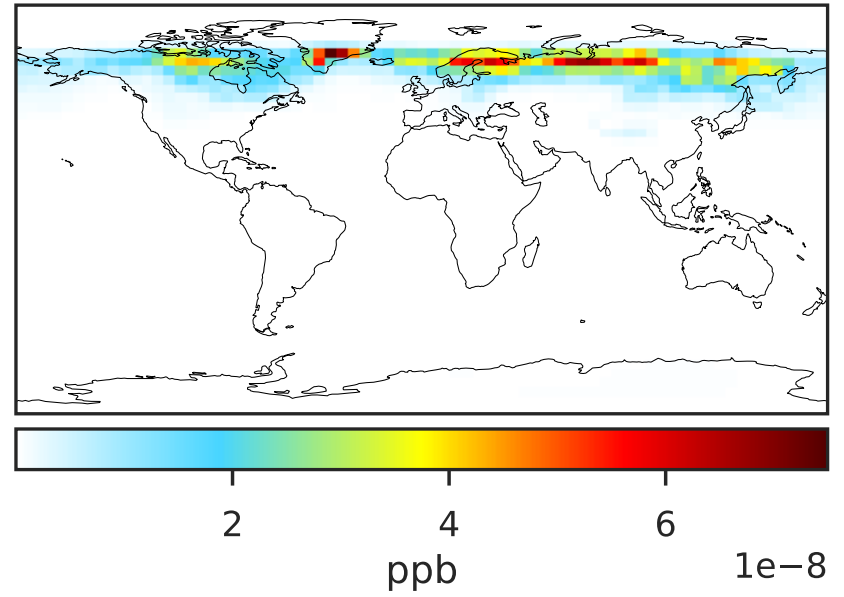
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_Cl2O2 (Jan2019)

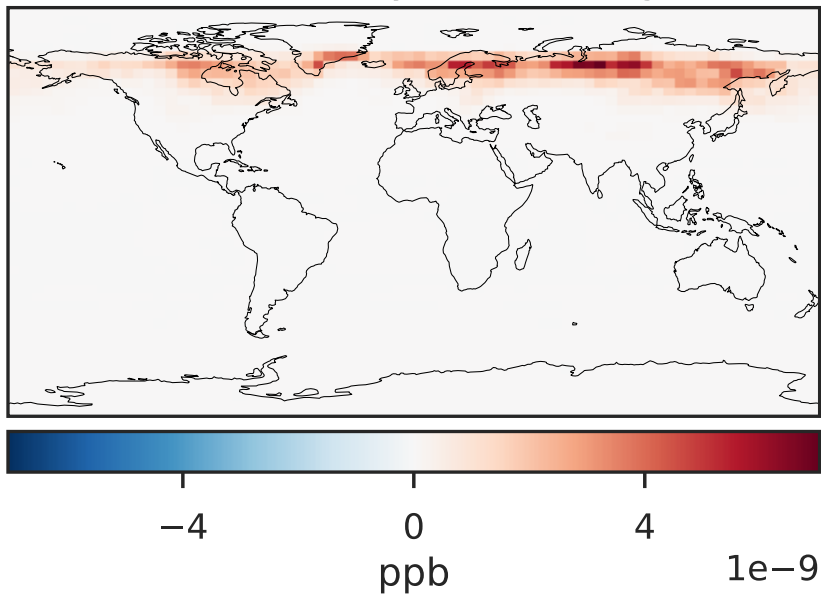
14.2.0-rc.2 (Ref)
4.0x5.0



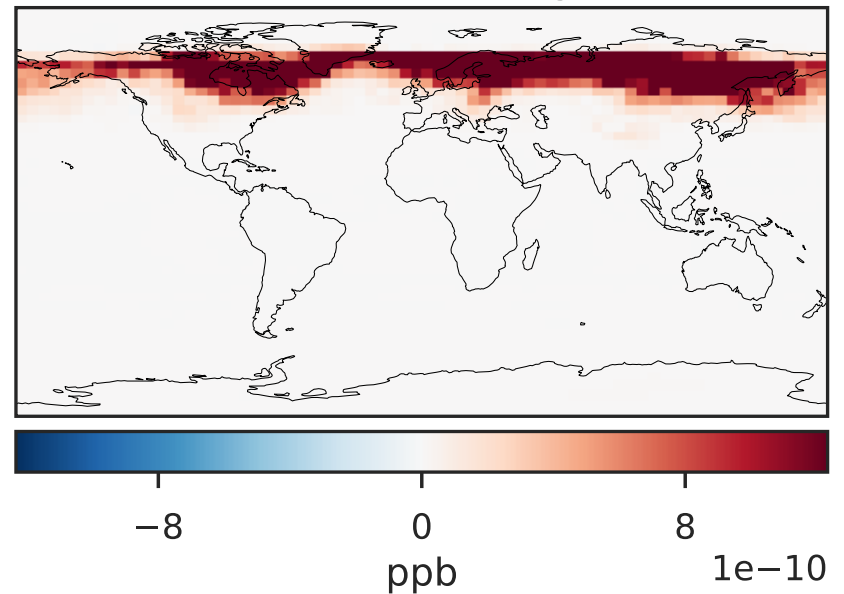
14.3.0-rc.0 (Dev)
4.0x5.0



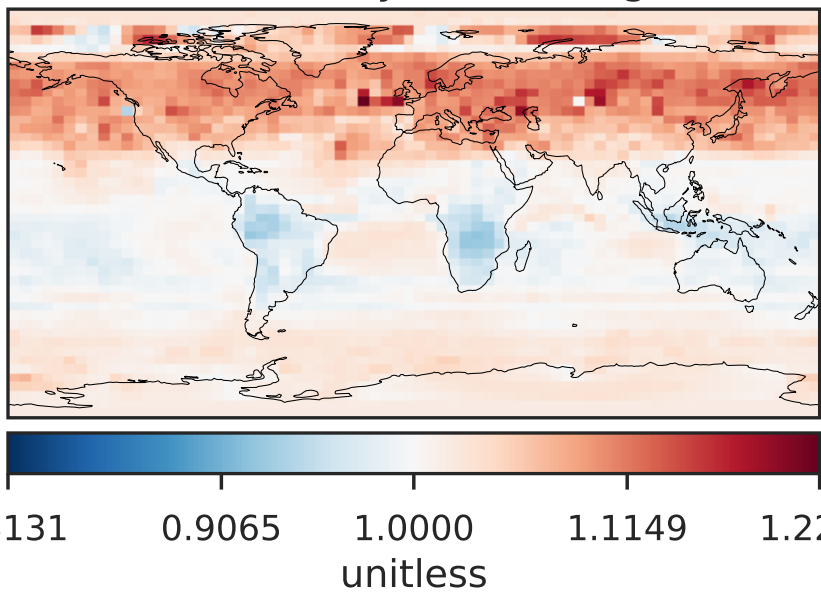
Difference
Dev - Ref, Dynamic Range



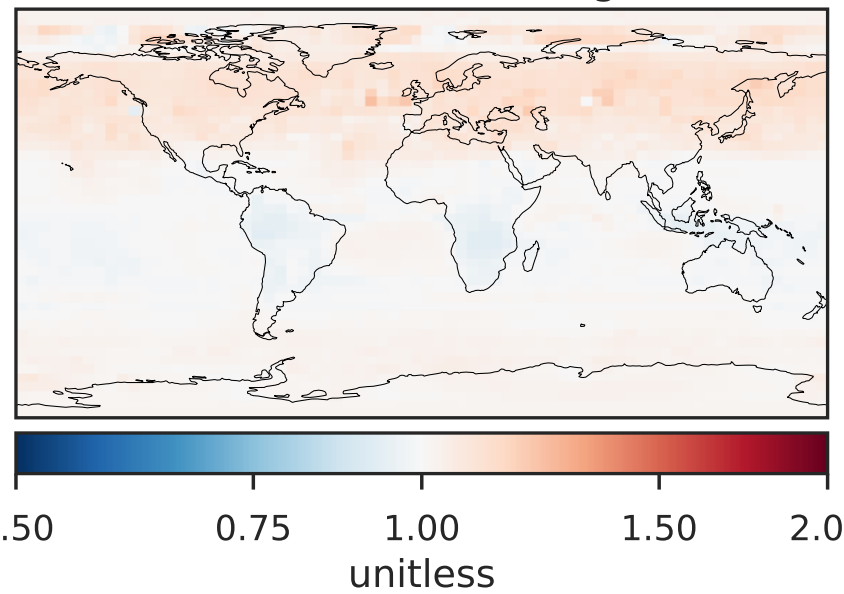
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

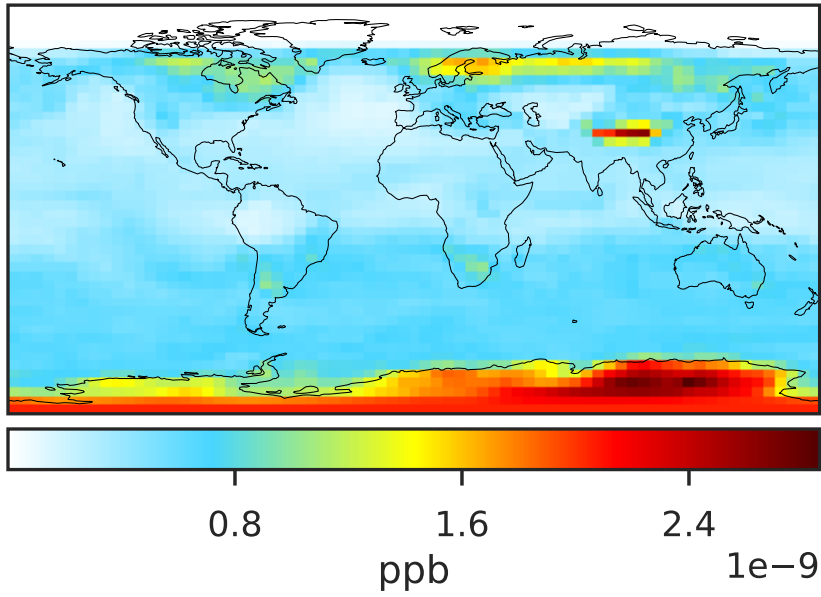


Ratio
Dev/Ref, Fixed Range

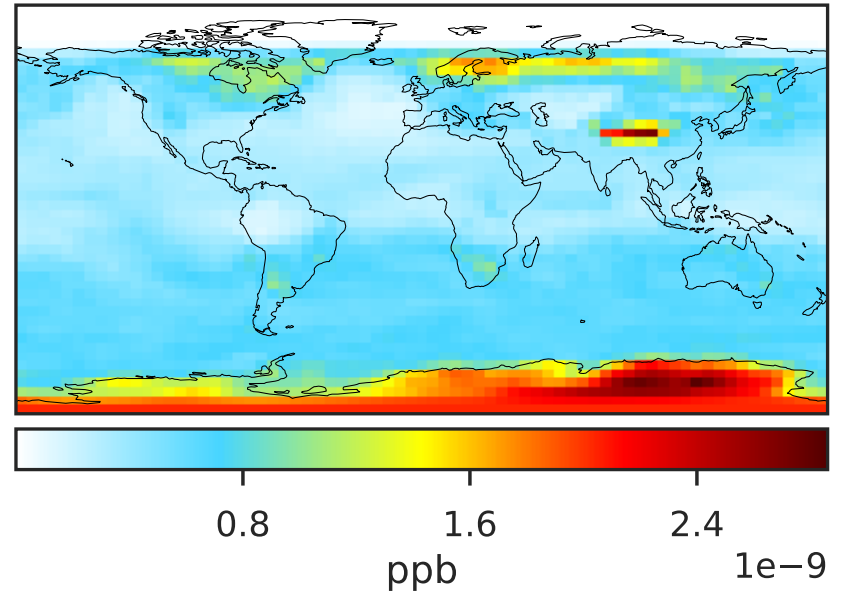


SpeciesConcVV_C100 (Jan2019)

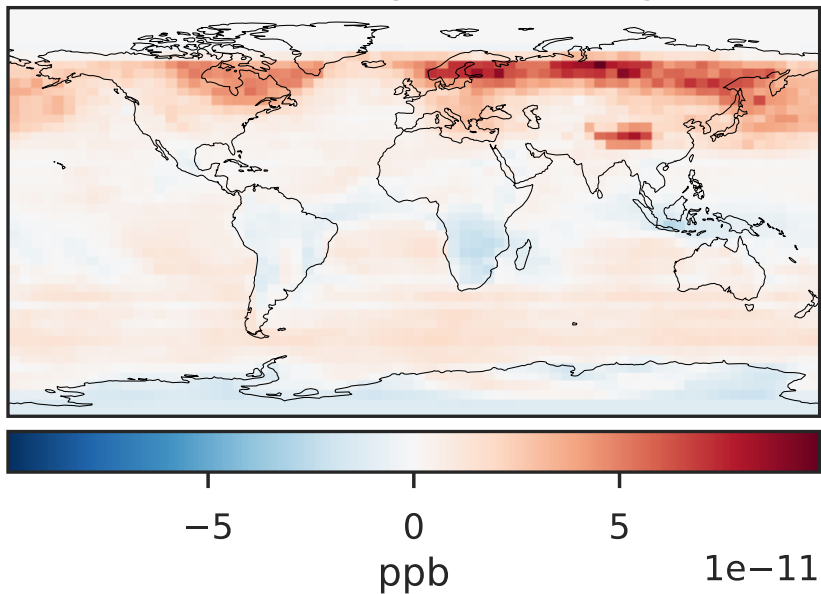
14.2.0-rc.2 (Ref)
4.0x5.0



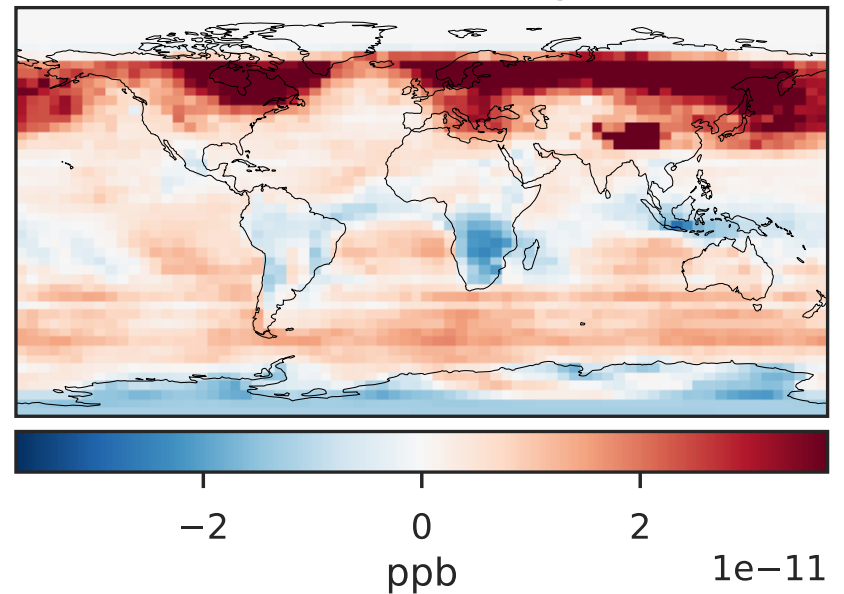
14.3.0-rc.0 (Dev)
4.0x5.0



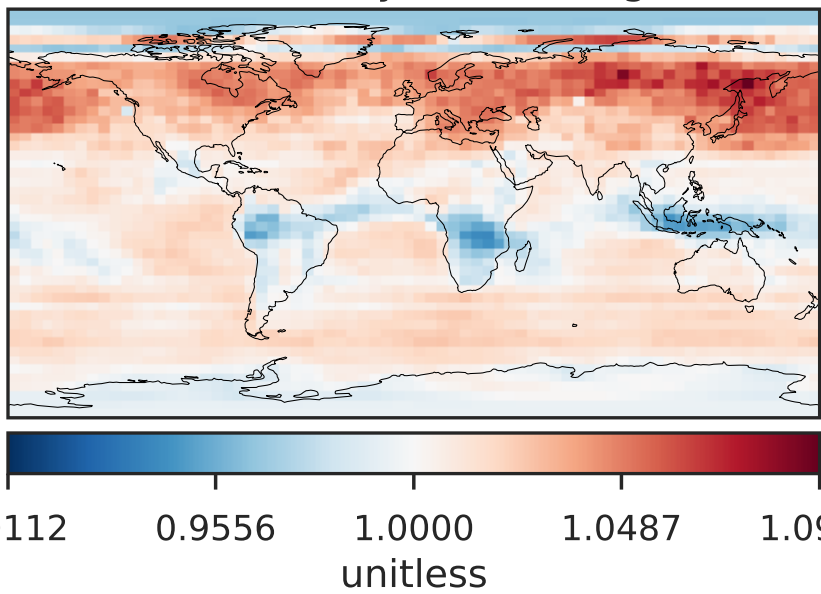
Difference
Dev - Ref, Dynamic Range



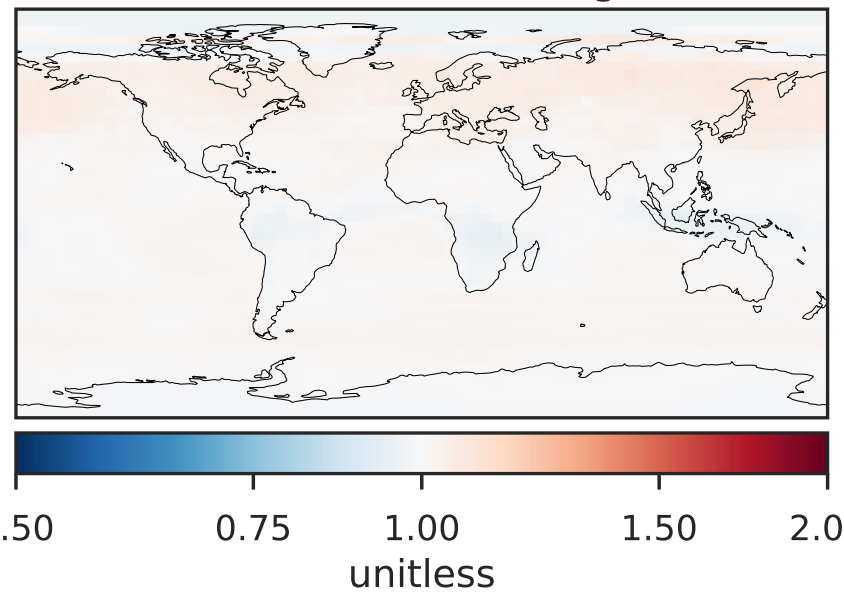
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

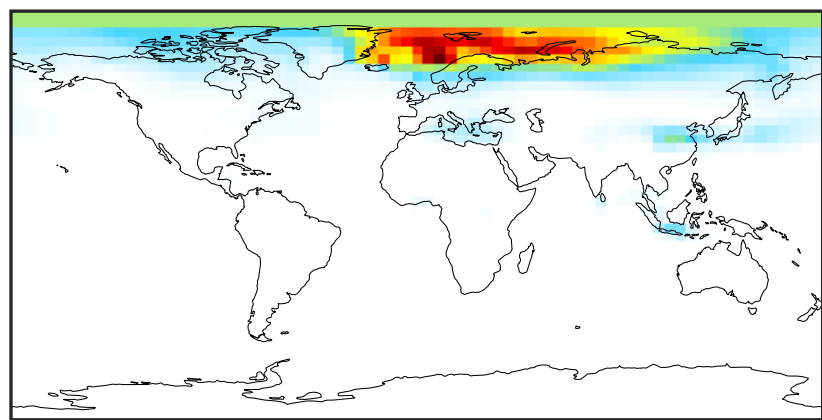


Ratio
Dev/Ref, Fixed Range



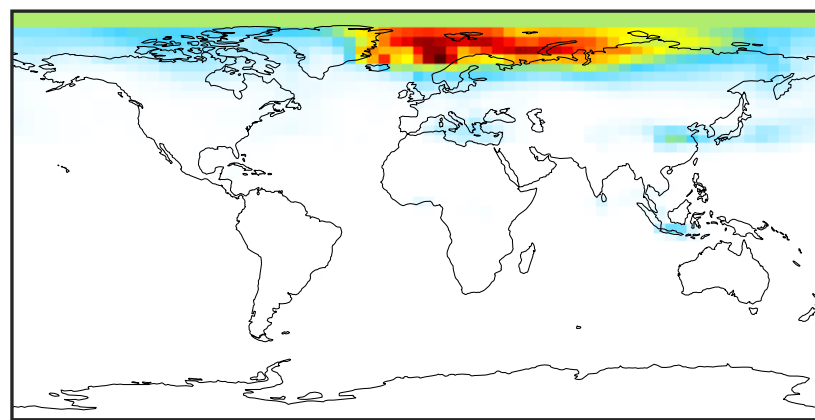
SpeciesConcVV_CIN02 (Jan2019)

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



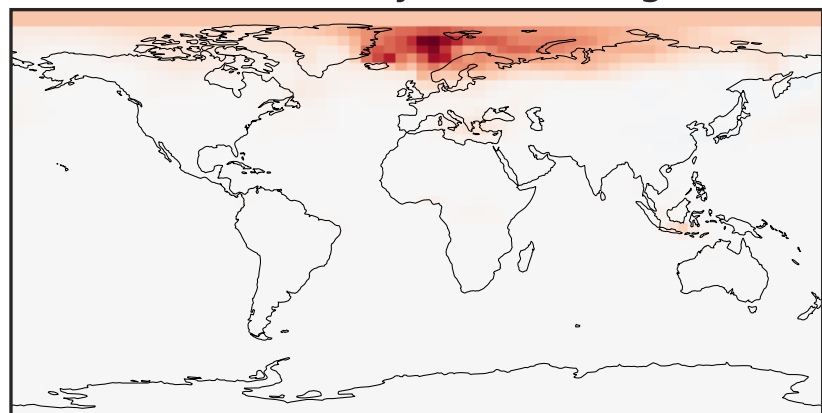
0.0005 0.0010 0.0015
ppb

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



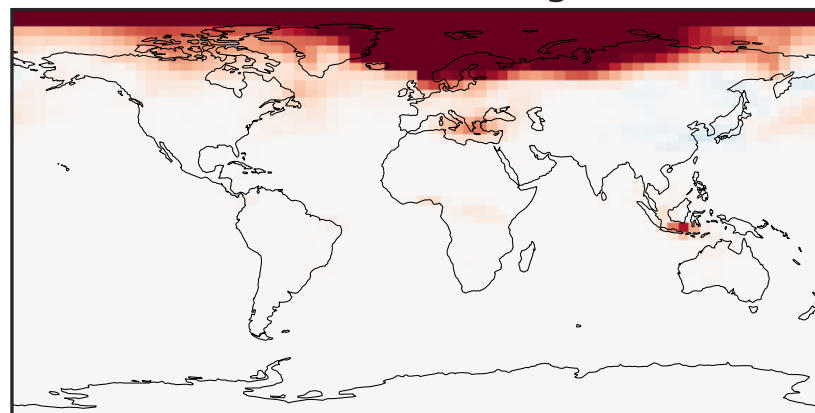
0.0005 0.0010 0.0015
ppb

Difference
Dev - Ref, Dynamic Range



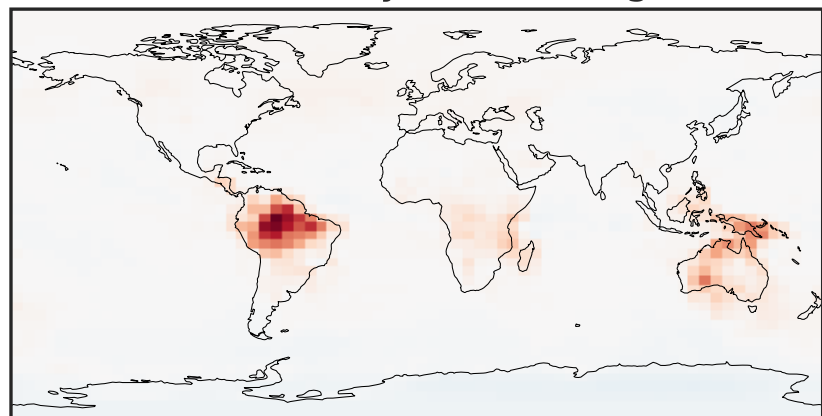
-4 0 4
ppb $1e-5$

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



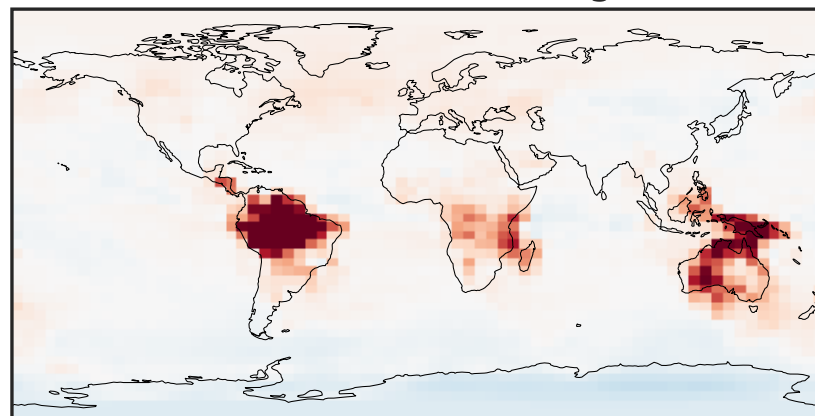
-1 0 1
ppb $1e-5$

Ratio
Dev/Ref, Dynamic Range



0.126 0.563 1.000 4.475 7.950
unitless

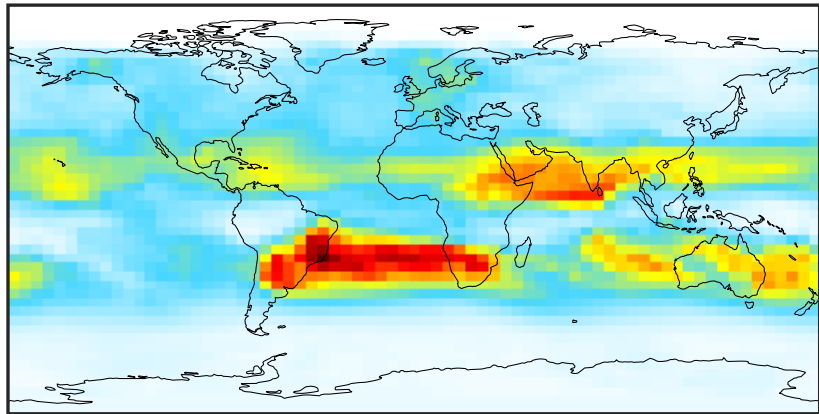
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

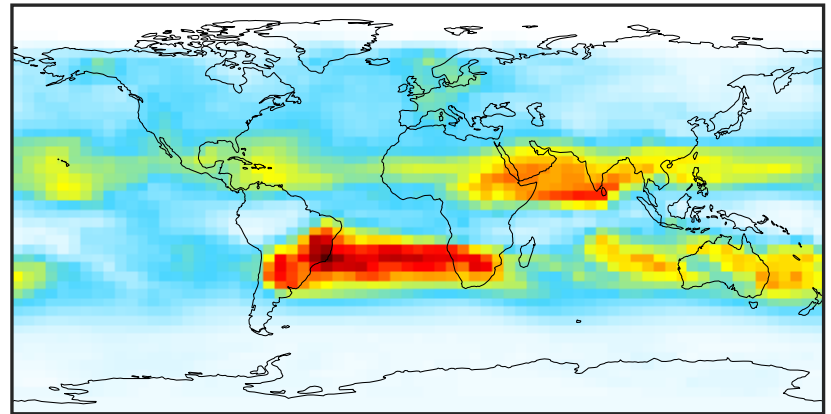
SpeciesConcVV_CLNO3 (Jan2019)

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



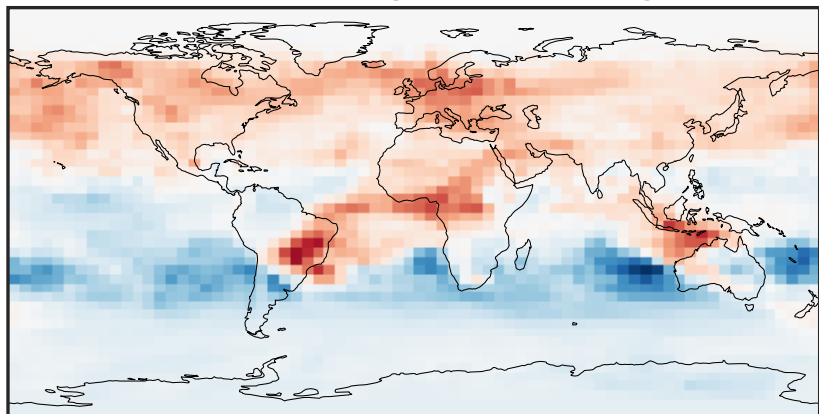
0.00025 0.00050 0.00075
ppb

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



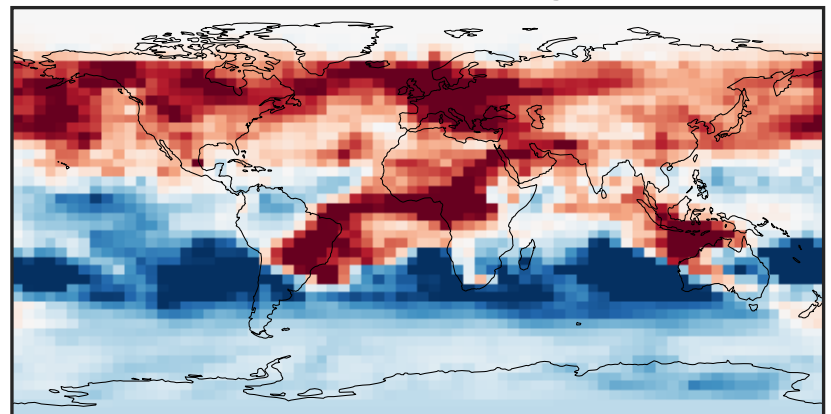
0.00025 0.00050 0.00075
ppb

Difference
Dev - Ref, Dynamic Range



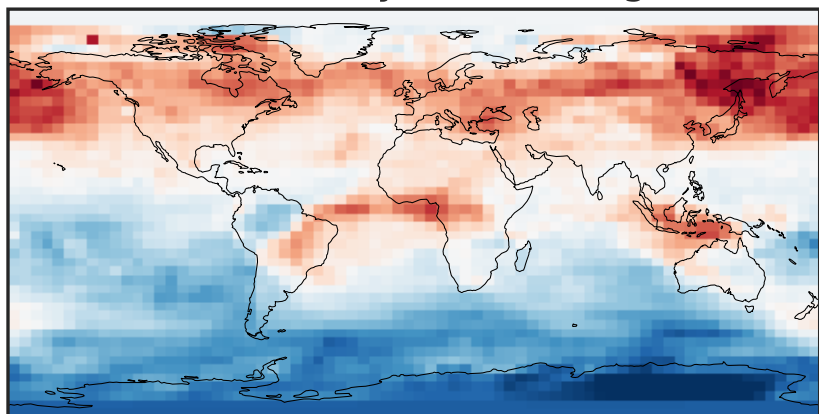
-6 0 6
ppb $1e-6$

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



-2.5 0.0 2.5
ppb $1e-6$

Ratio
Dev/Ref, Dynamic Range



0.9457 0.9728 1.0000 1.0287 1.0575
unitless

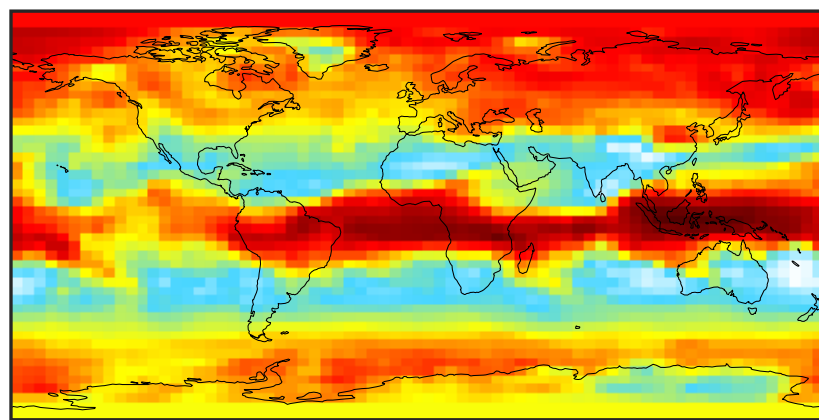
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

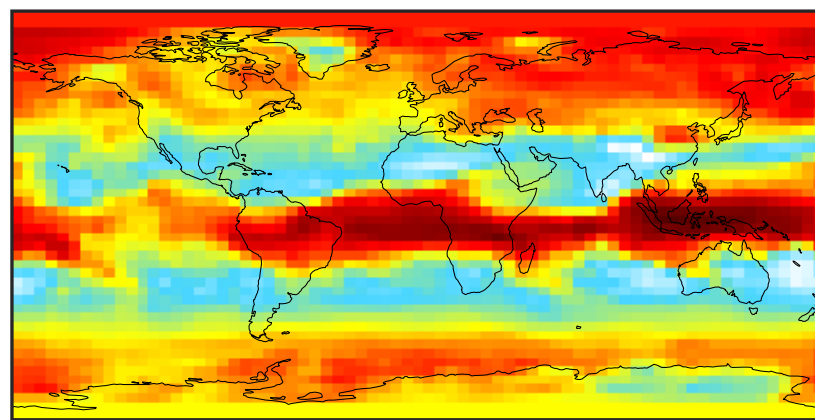
SpeciesConcVV_CCl4 (Jan2019)

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



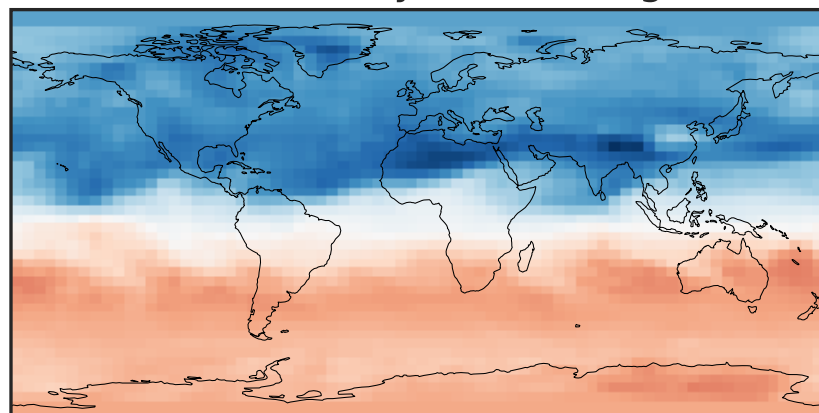
0.07736 0.07744 0.07752 0.07760
ppb

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



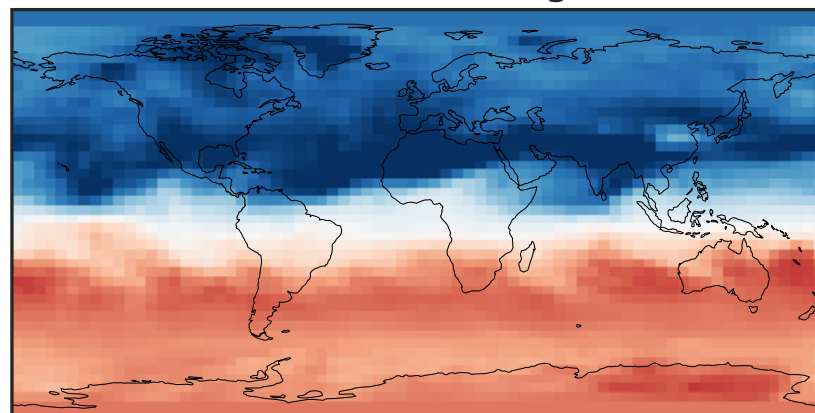
0.07736 0.07744 0.07752 0.07760
ppb

Difference
Dev - Ref, Dynamic Range



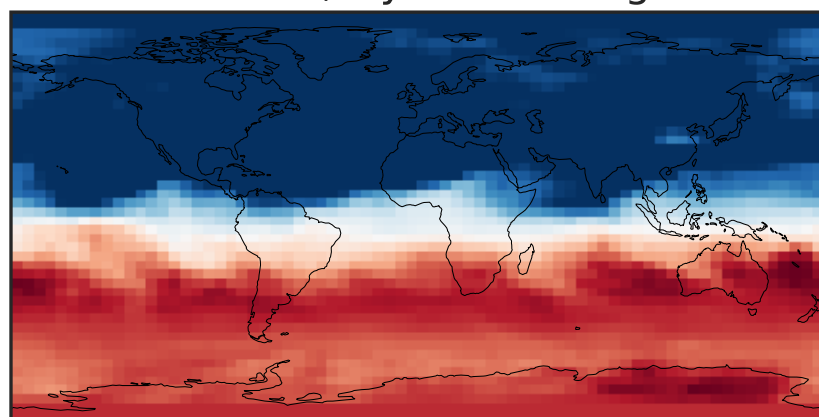
-6 0 6
ppb $1e-6$

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



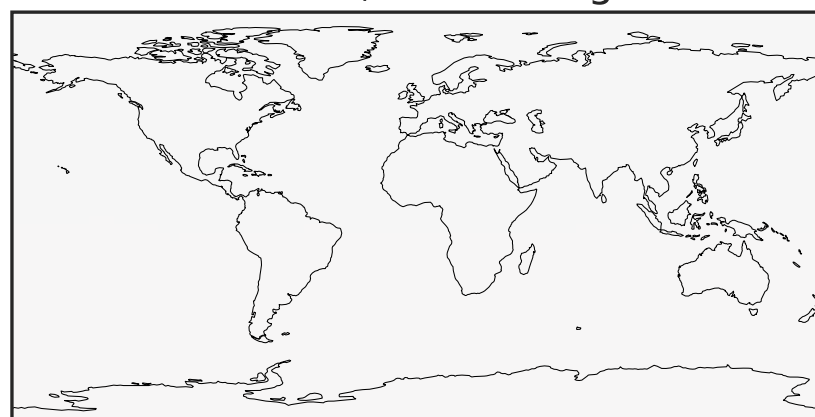
-5 0 5
ppb $1e-6$

Ratio
Dev/Ref, Dynamic Range



0.999926 1.000000 1.000074
unitless

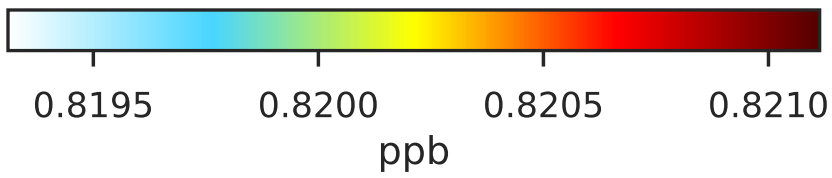
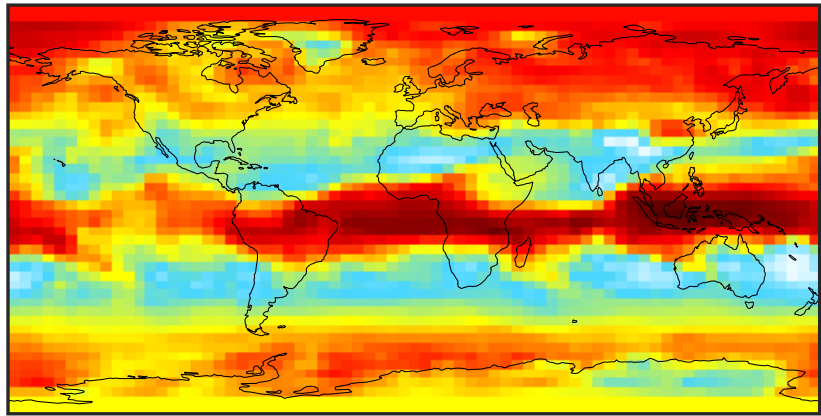
Ratio
Dev/Ref, Fixed Range



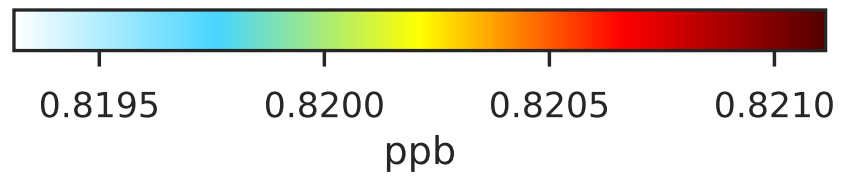
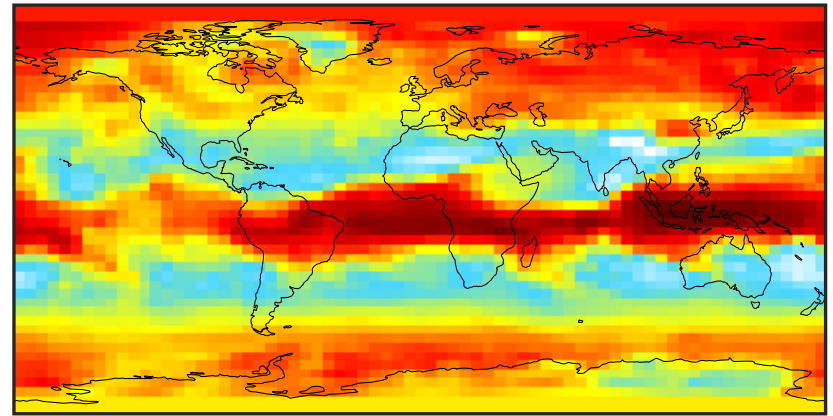
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_CFCs (Jan2019)

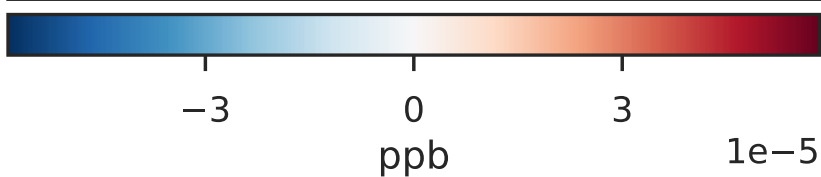
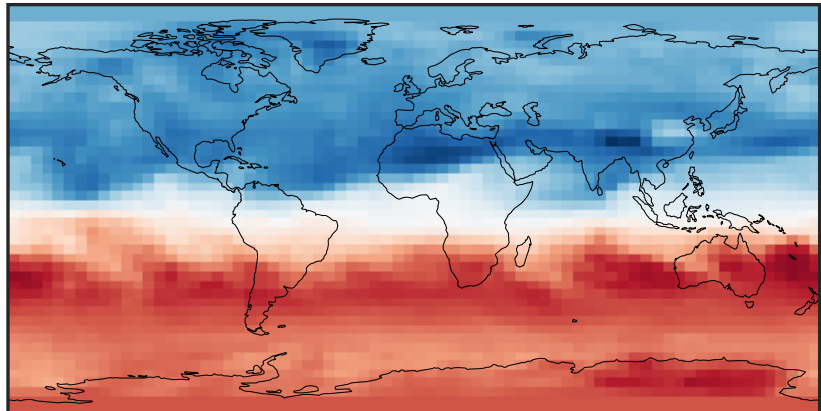
14.2.0-rc.2 (Ref)
4.0x5.0



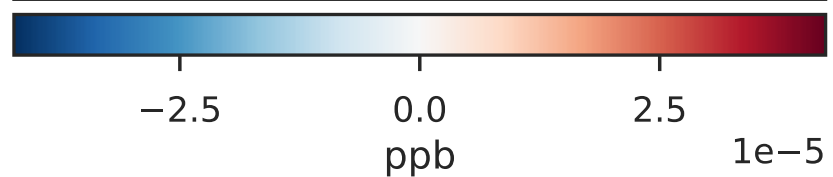
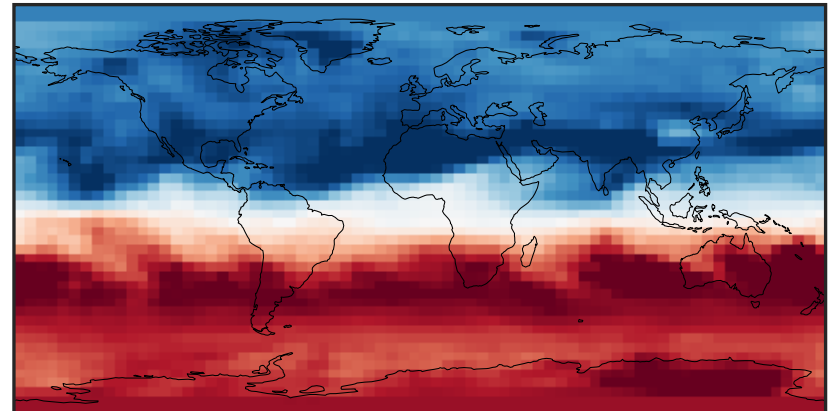
14.3.0-rc.0 (Dev)
4.0x5.0



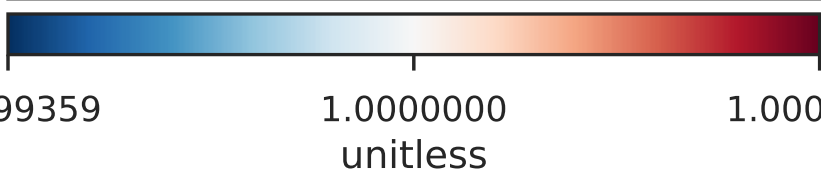
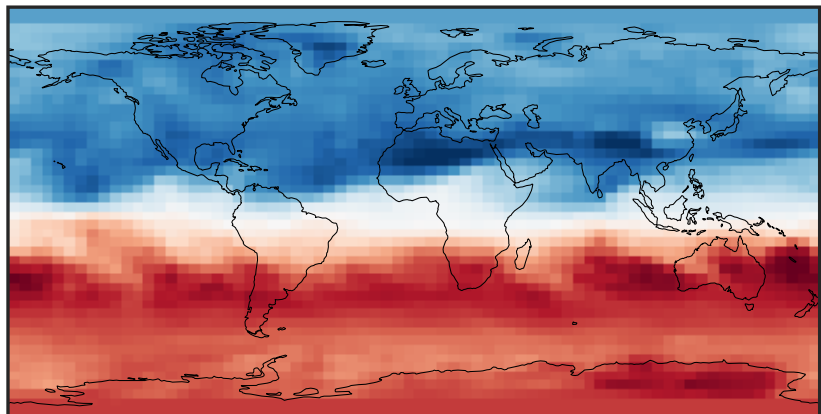
Difference
Dev - Ref, Dynamic Range



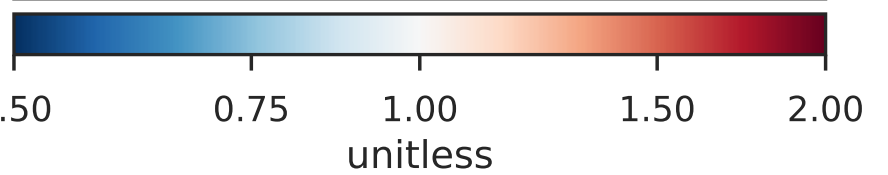
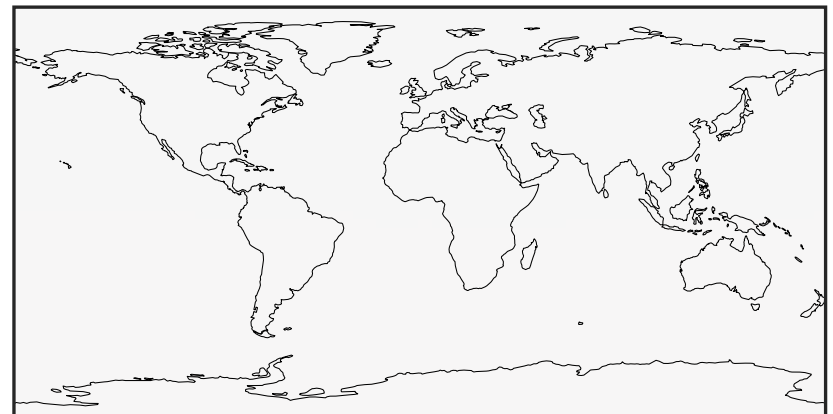
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

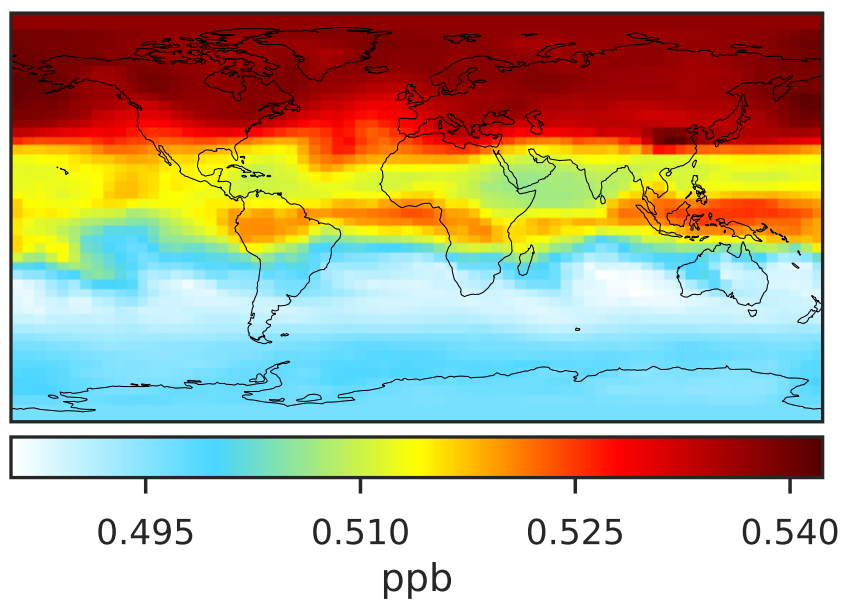


Ratio
Dev/Ref, Fixed Range

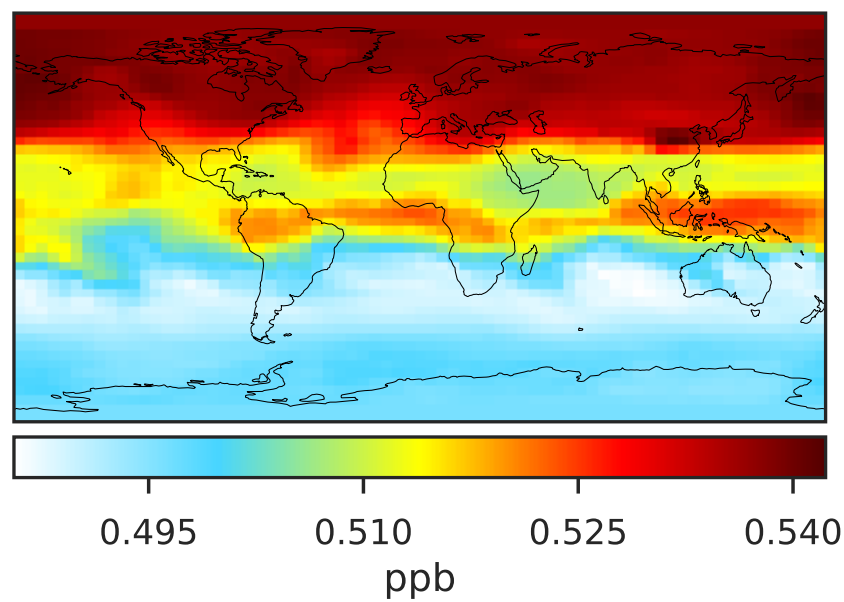


SpeciesConcVV_CH3Cl (Jan2019)

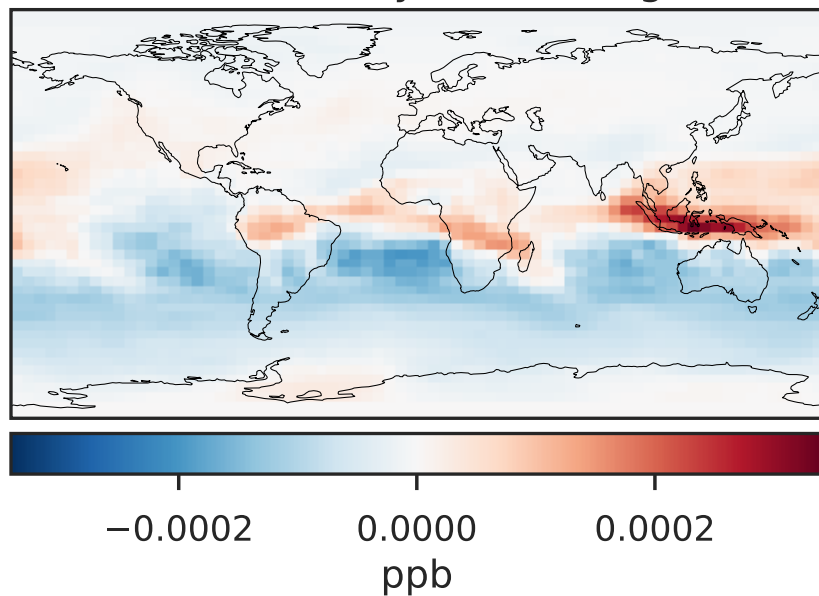
14.2.0-rc.2 (Ref)
4.0x5.0



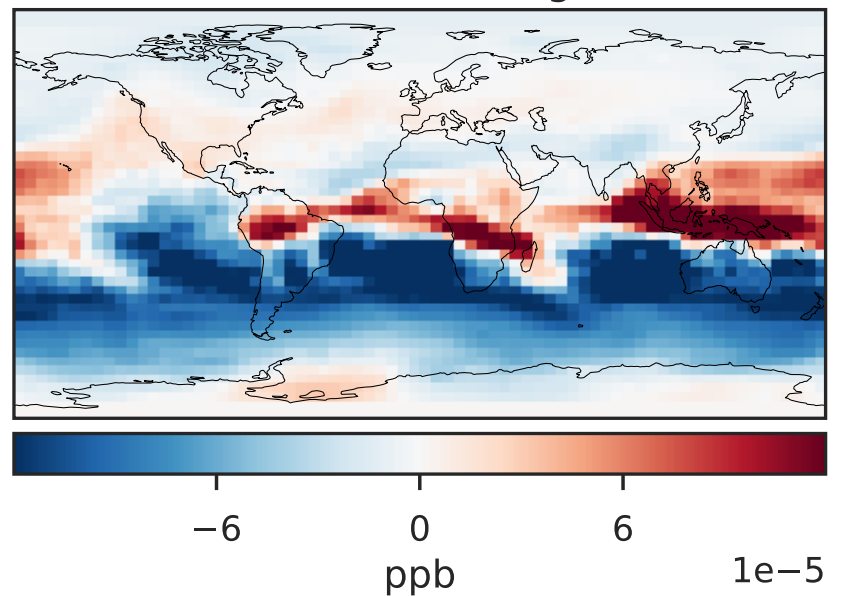
14.3.0-rc.0 (Dev)
4.0x5.0



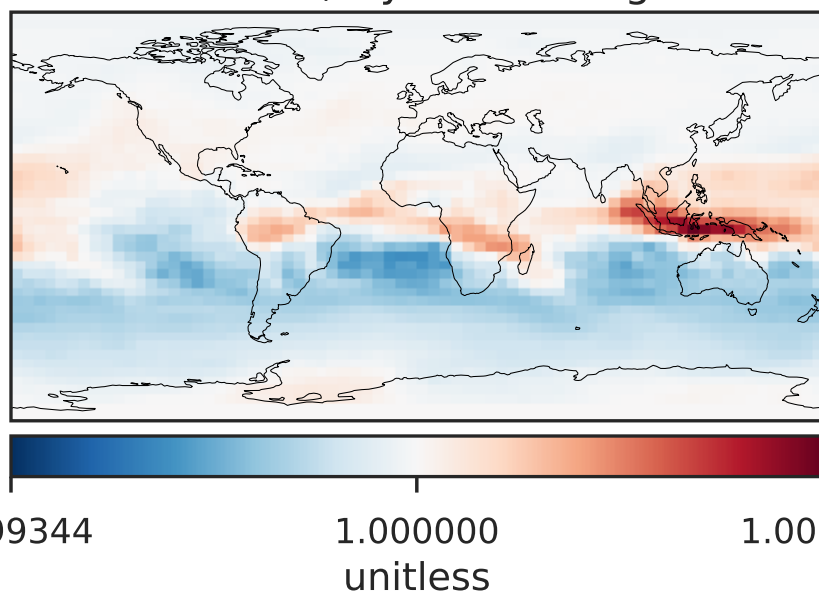
Difference
Dev - Ref, Dynamic Range



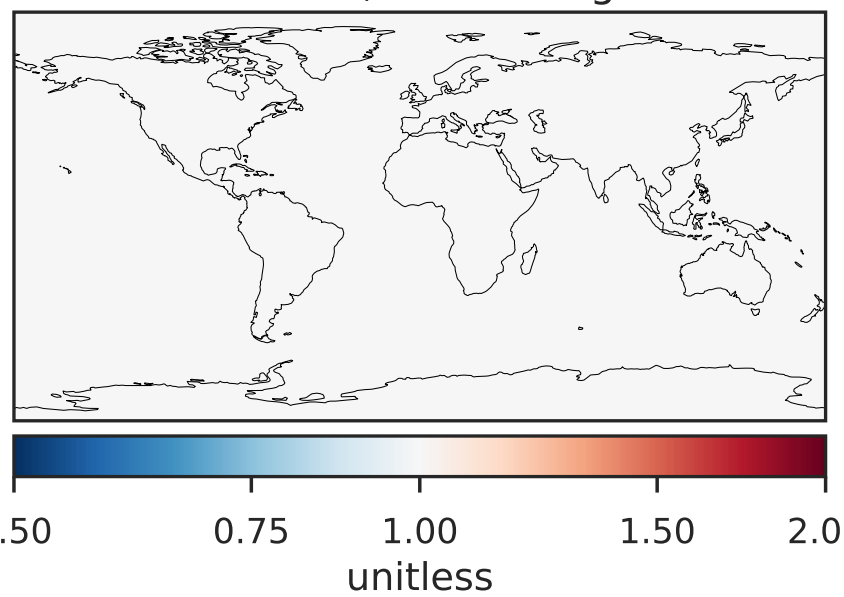
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range



0.999344

1.000000

1.000656

0.50

0.75

1.00

1.50

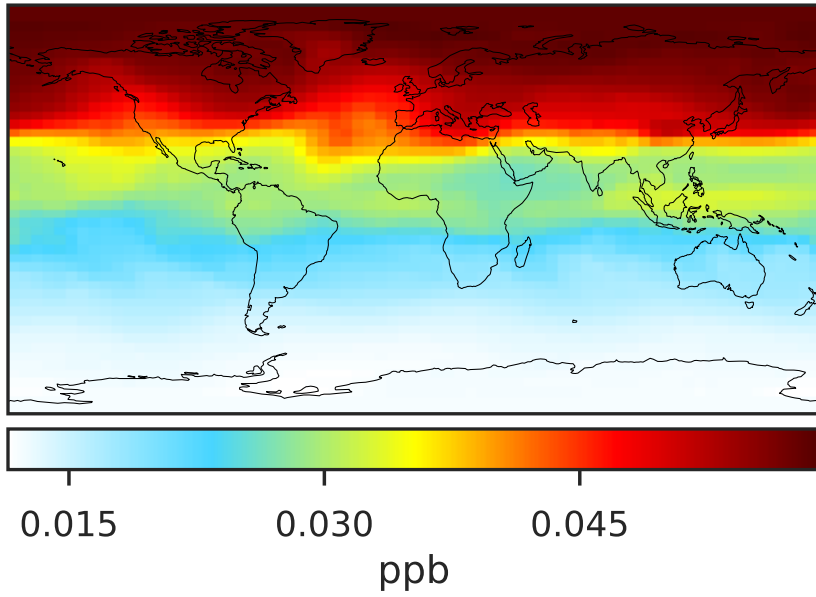
2.00

unitless

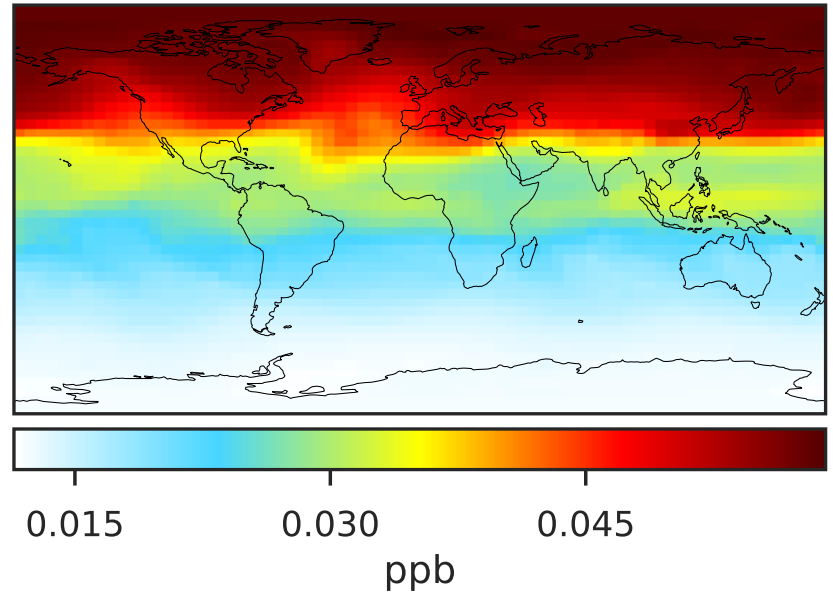
unitless

SpeciesConcVV_CH2Cl2 (Jan2019)

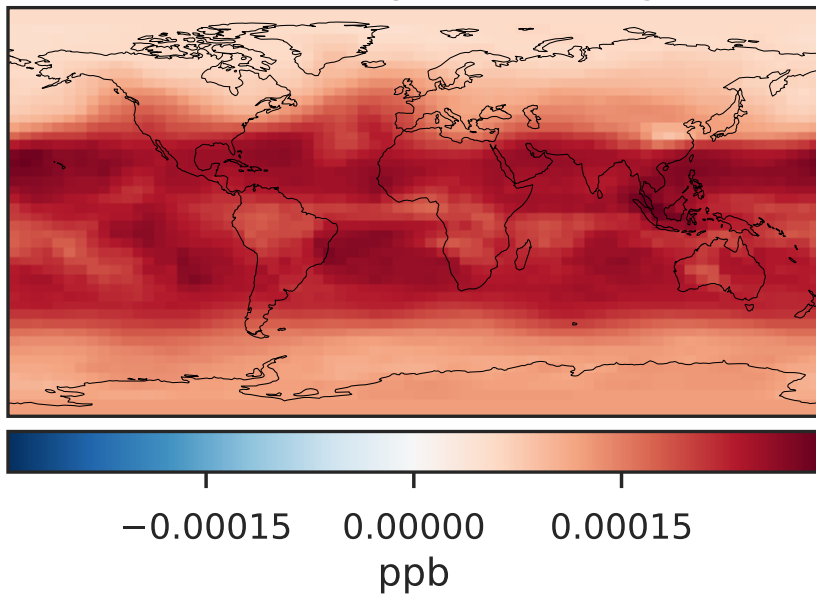
14.2.0-rc.2 (Ref)
4.0x5.0



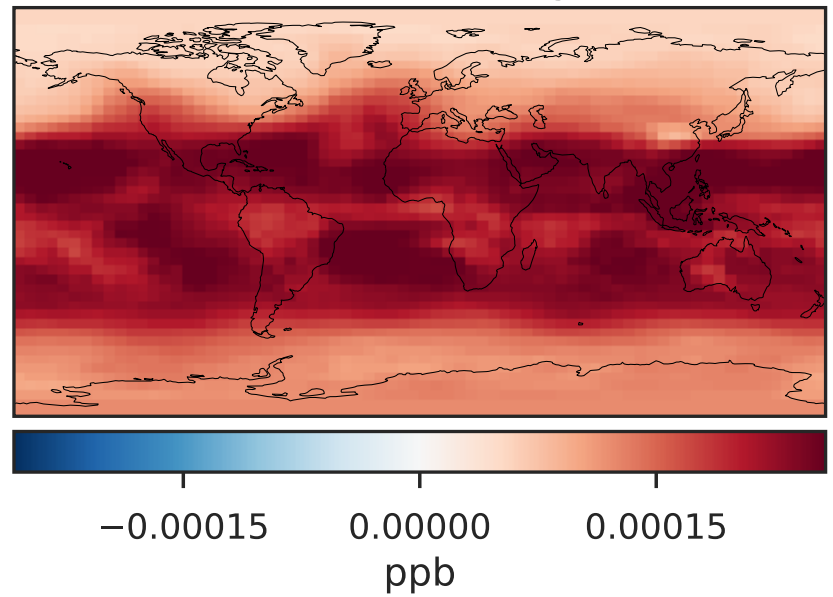
14.3.0-rc.0 (Dev)
4.0x5.0



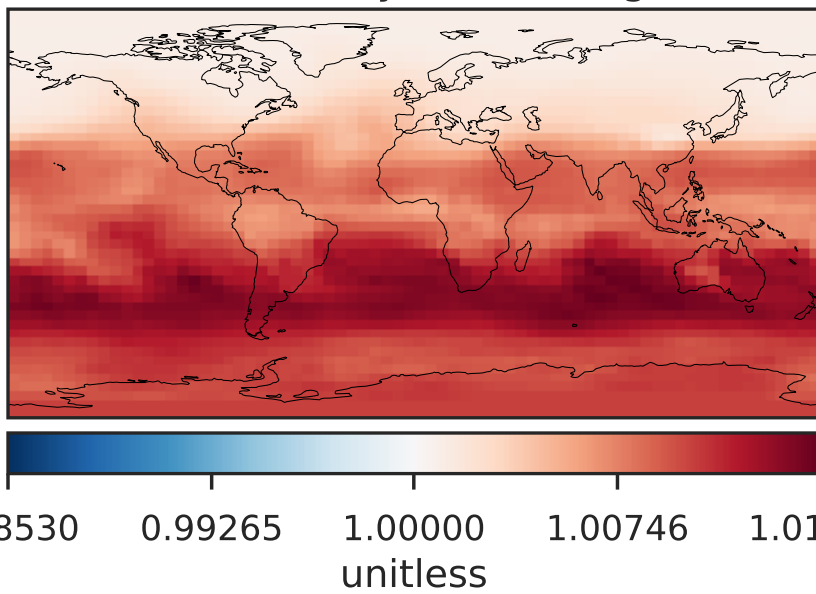
Difference
Dev - Ref, Dynamic Range



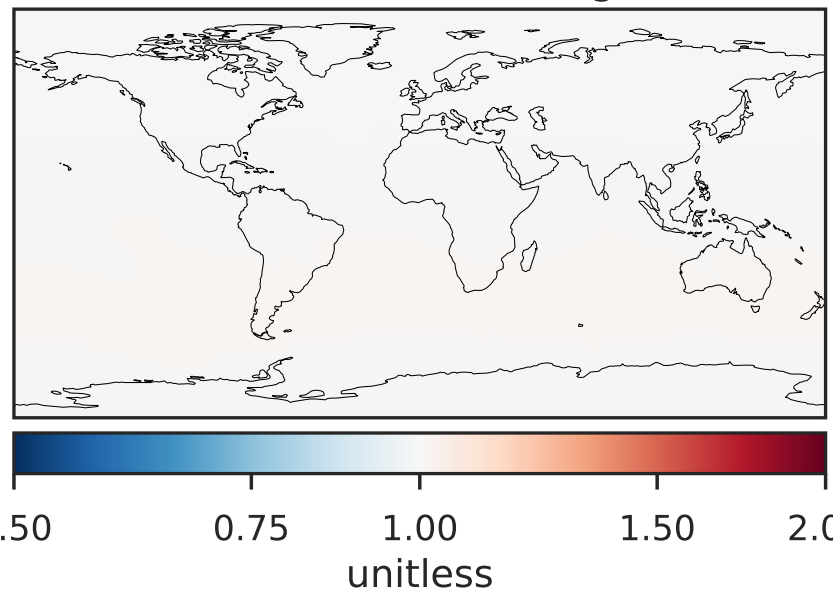
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

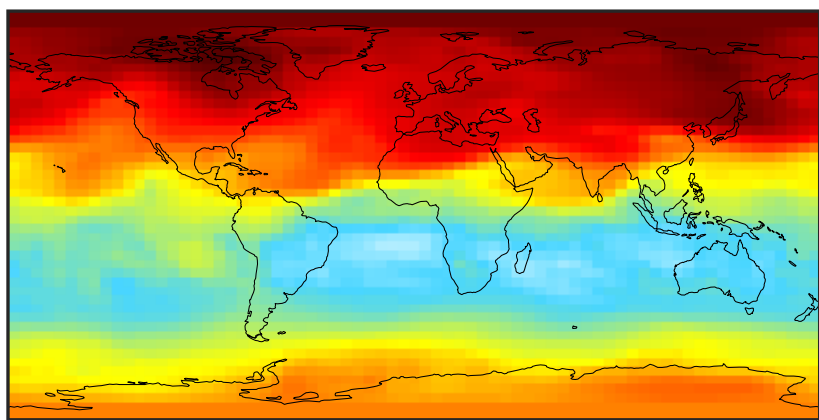


0.98530 0.99265 1.00000 1.00746 1.01492
unitless

0.50 0.75 1.00 1.50 2.00
unitless

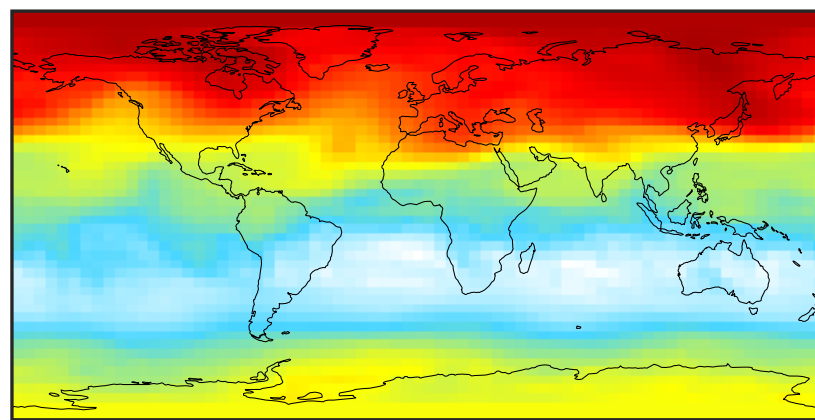
SpeciesConcVV_CH3CCl3 (Jan2019)

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



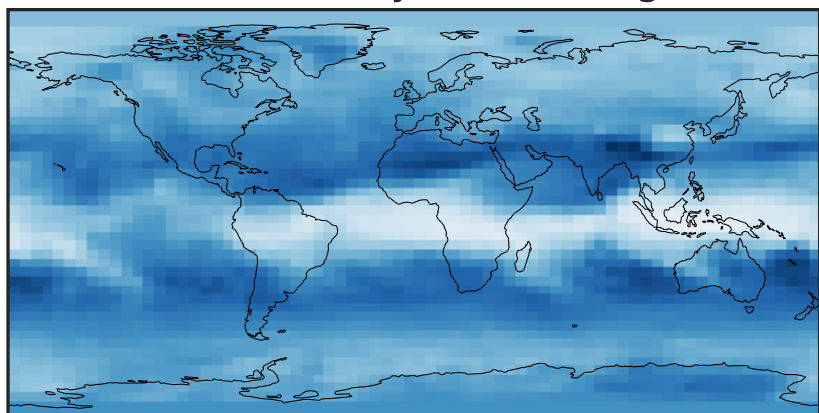
0.001488 0.001496 0.001504 0.001512
ppb

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



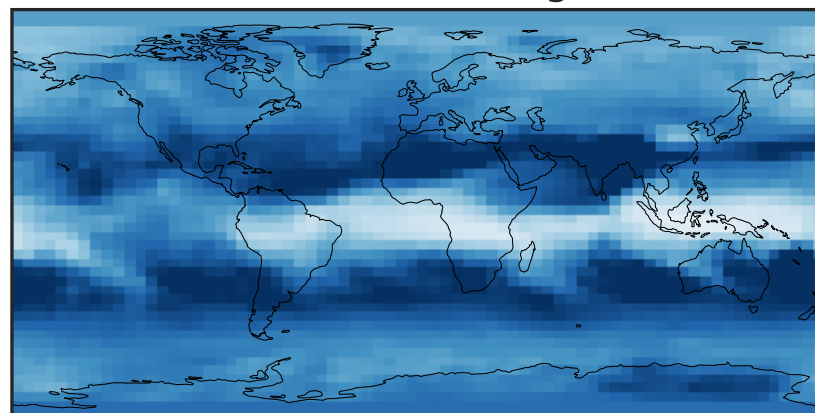
0.001488 0.001496 0.001504 0.001512
ppb

Difference
Dev - Ref, Dynamic Range



-3 0 3
ppb $1e-6$

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



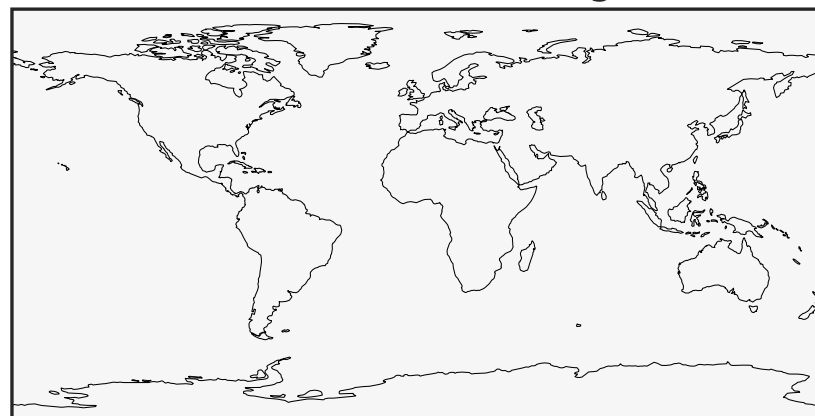
-2.5 0.0 2.5
ppb $1e-6$

Ratio
Dev/Ref, Dynamic Range



0.9996771 1.000000 1.0003230
unitless

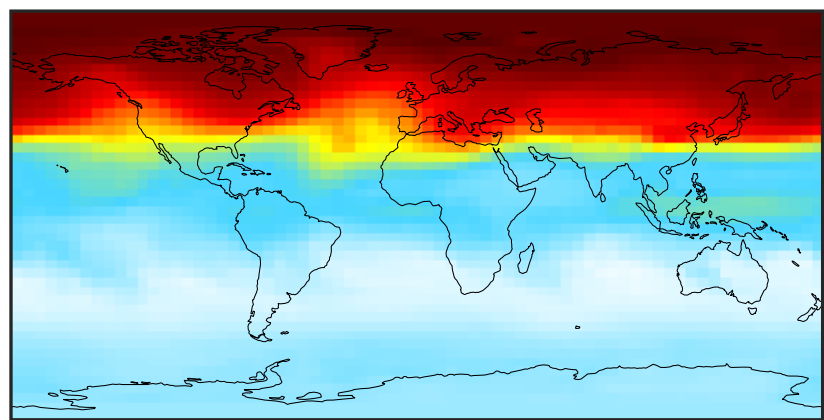
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

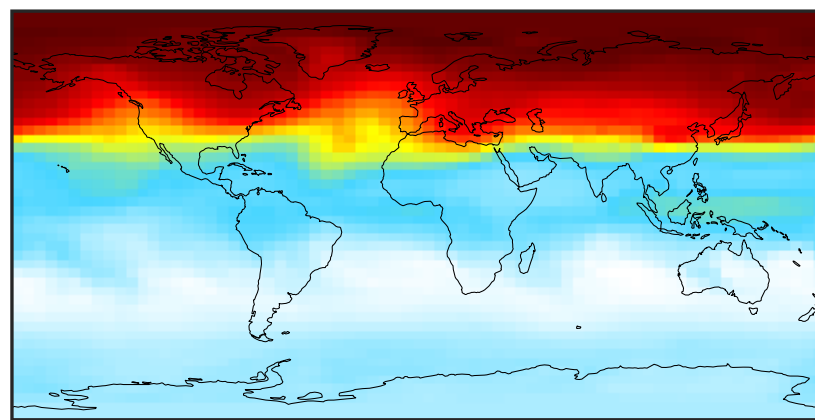
SpeciesConcVV_CHCl3 (Jan2019)

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



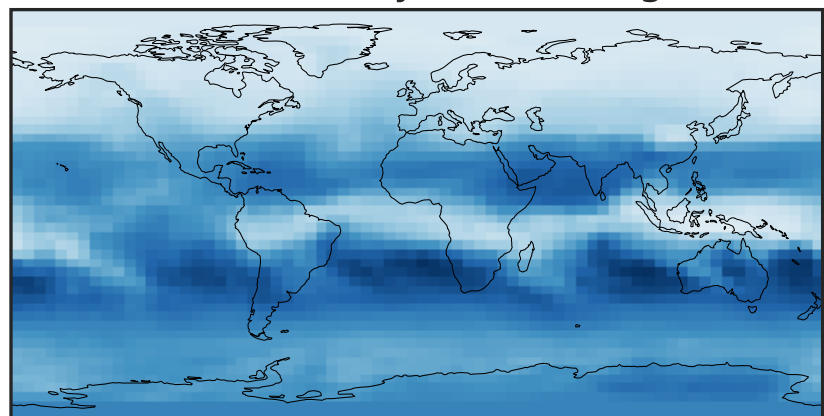
0.0075 0.0090 0.0105 0.0120
ppb

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



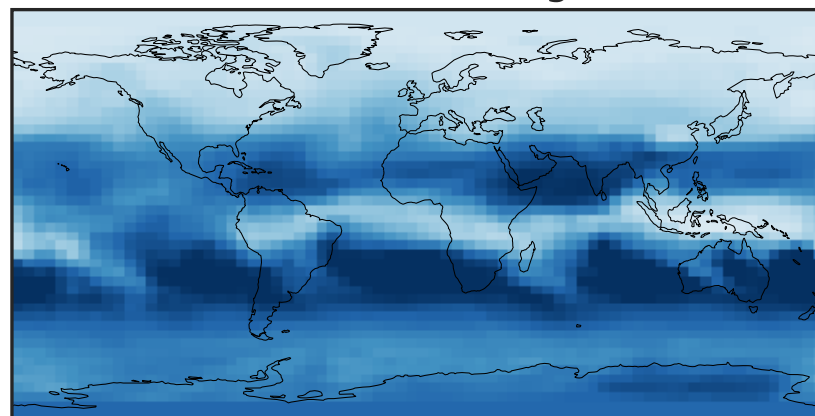
0.0075 0.0090 0.0105 0.0120
ppb

Difference
Dev - Ref, Dynamic Range



-0.0001 0.0000 0.0001
ppb

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



-8 0 8
ppb $1e-5$

Ratio
Dev/Ref, Dynamic Range



0.998184 0.999092 1.000000 1.000910 1.001819
unitless

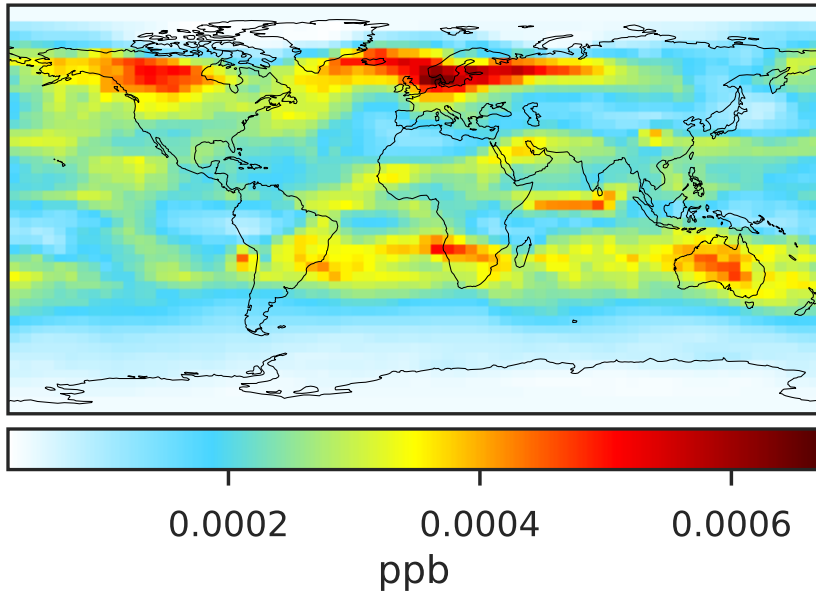
Ratio
Dev/Ref, Fixed Range



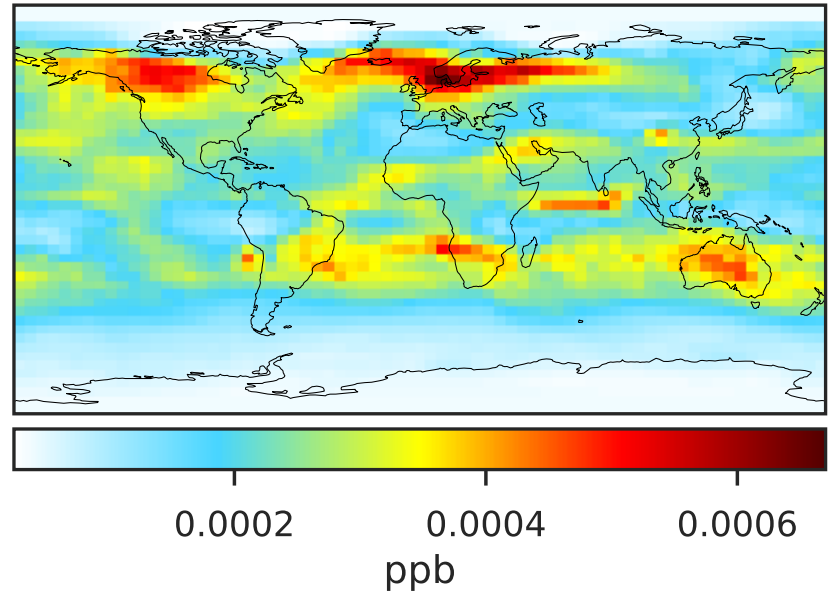
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_HOCl (Jan2019)

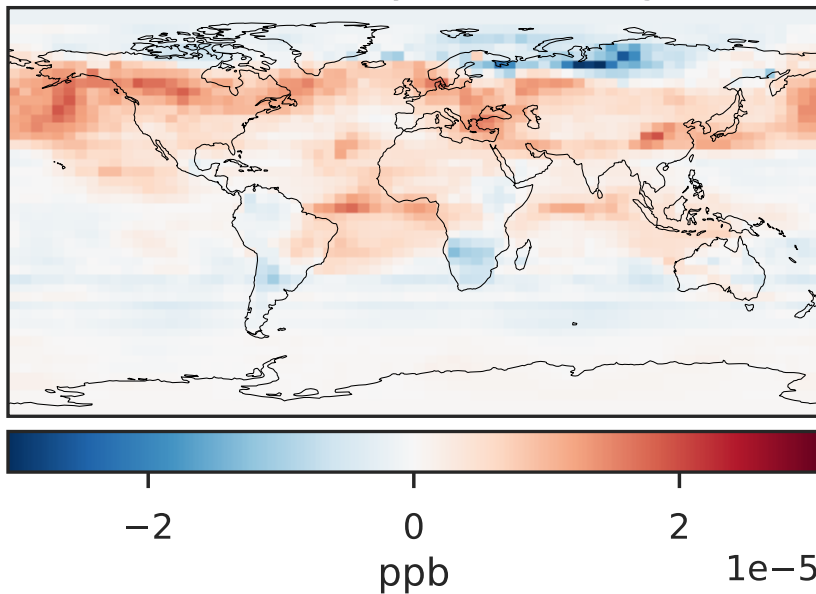
14.2.0-rc.2 (Ref)
4.0x5.0



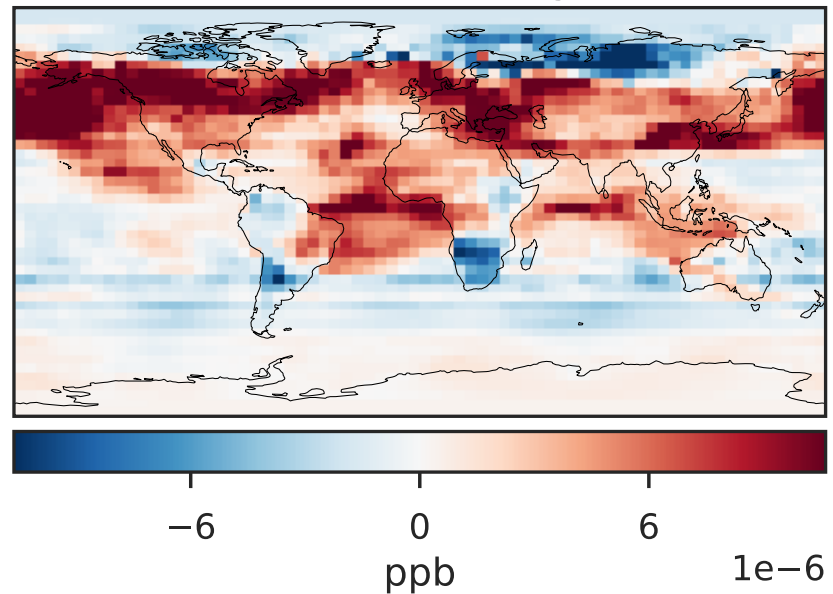
14.3.0-rc.0 (Dev)
4.0x5.0



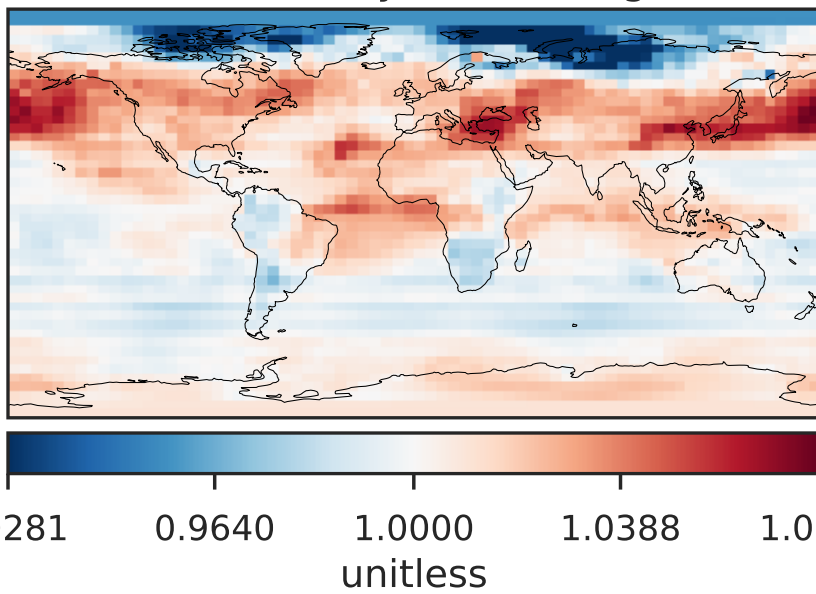
Difference
Dev - Ref, Dynamic Range



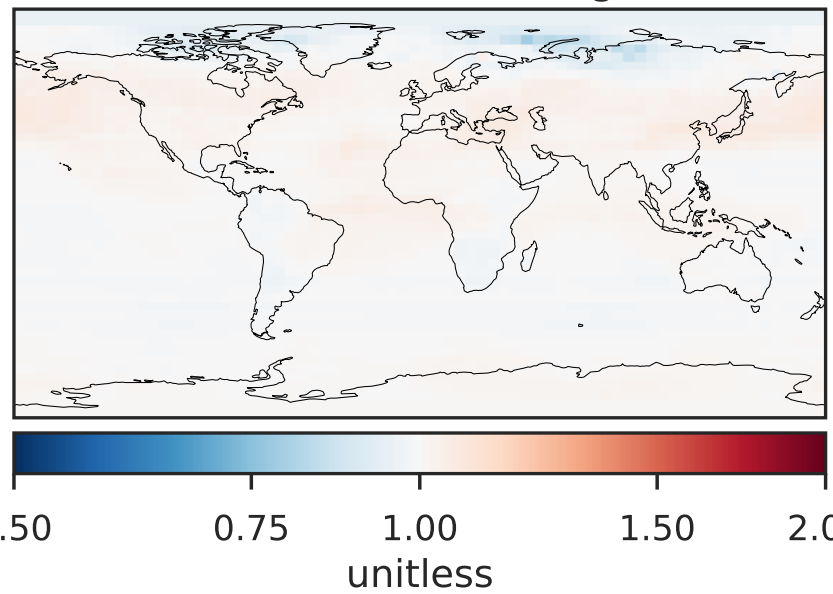
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

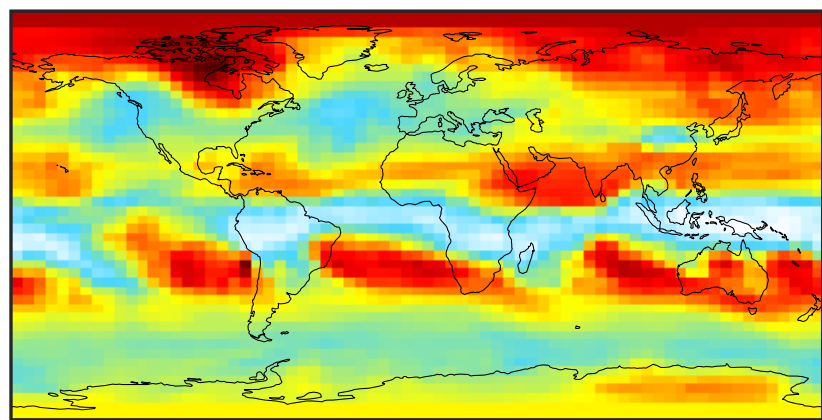


Ratio
Dev/Ref, Fixed Range



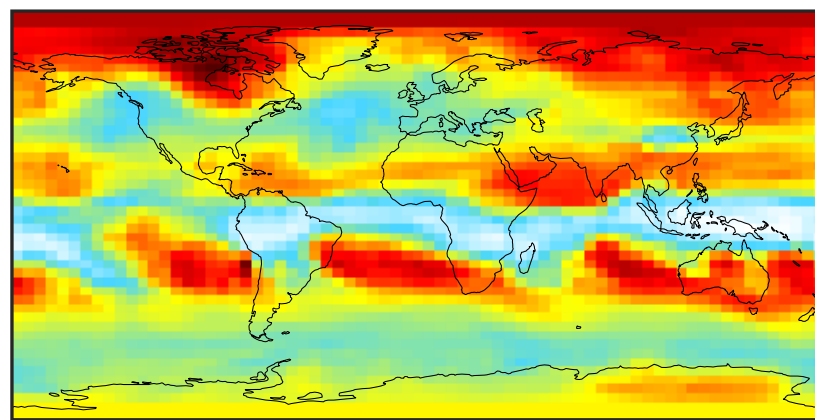
SpeciesConcVV_HCl (Jan2019)

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



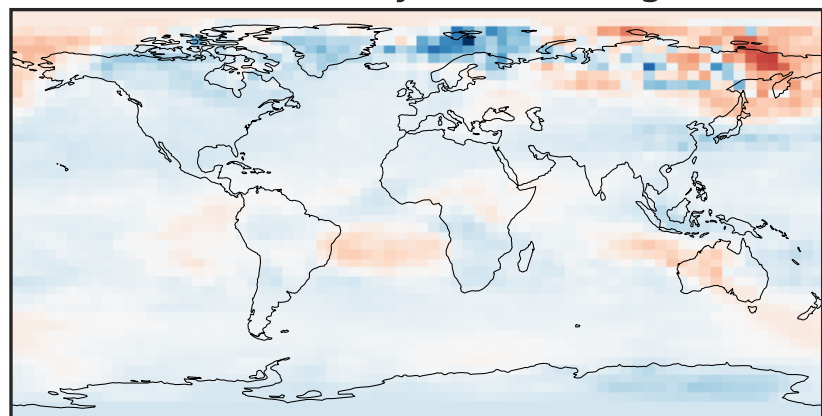
0.01 0.02 0.03 0.04
ppb

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



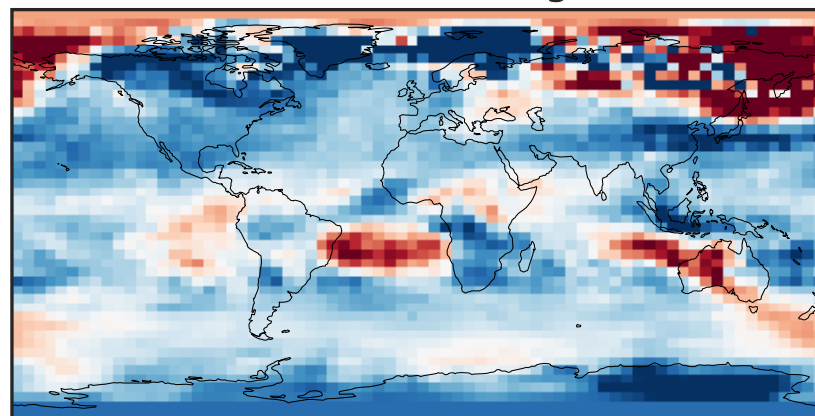
0.01 0.02 0.03 0.04
ppb

Difference
Dev - Ref, Dynamic Range



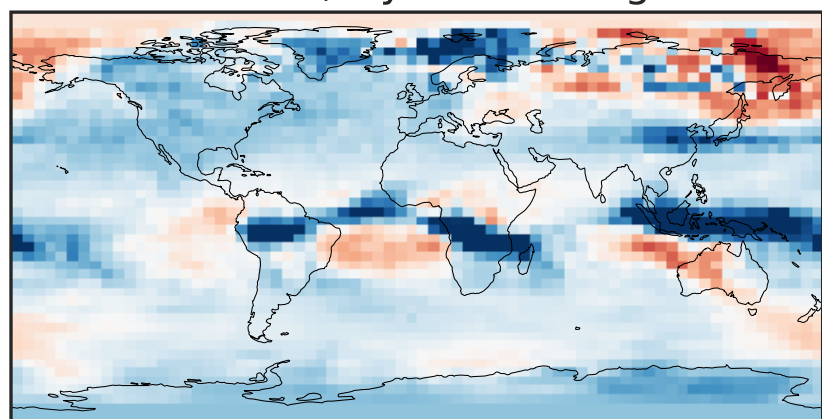
-0.0003 0.0000 0.0003
ppb

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



-8 0 8
ppb 1e-5

Ratio
Dev/Ref, Dynamic Range



0.98895 0.99448 1.00000 1.00559 1.01117
unitless

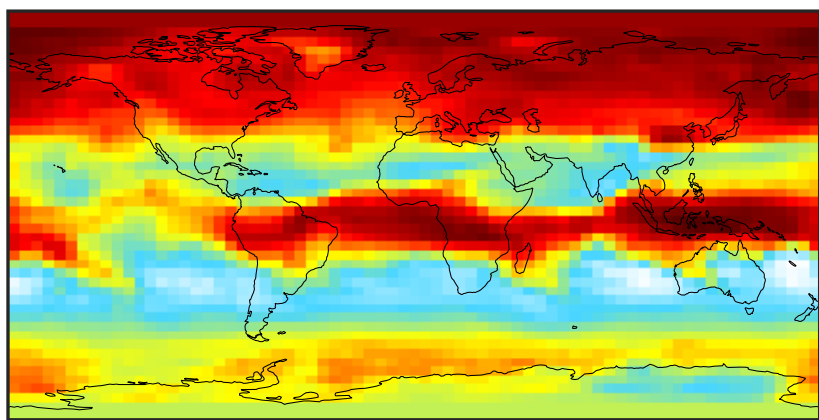
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

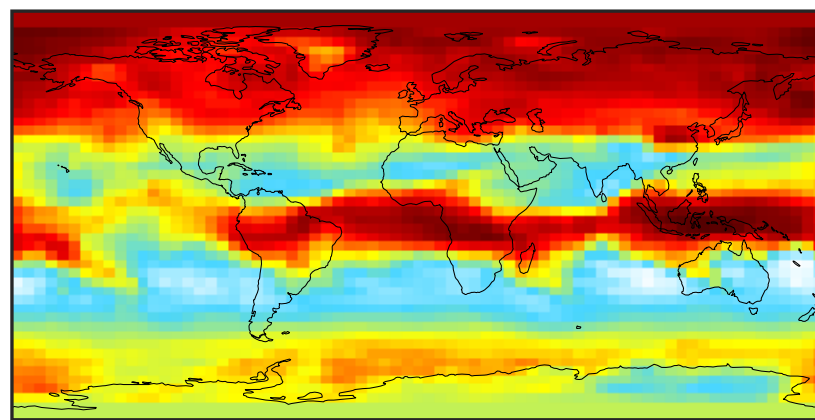
SpeciesConcVV_Halons (Jan2019)

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



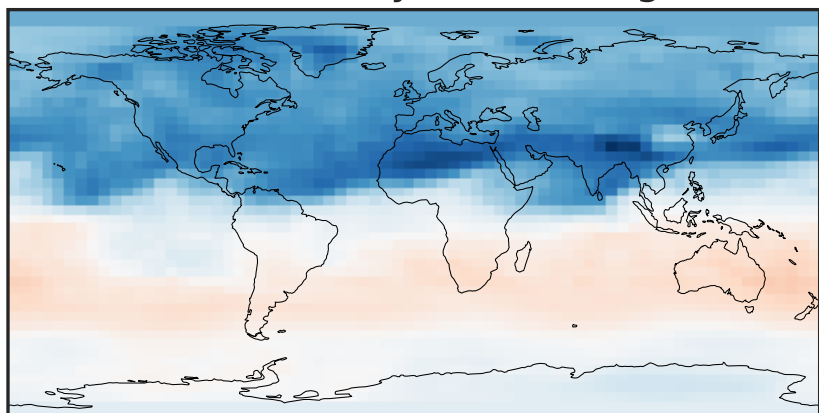
0.006955 0.006970 0.006985
ppb

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



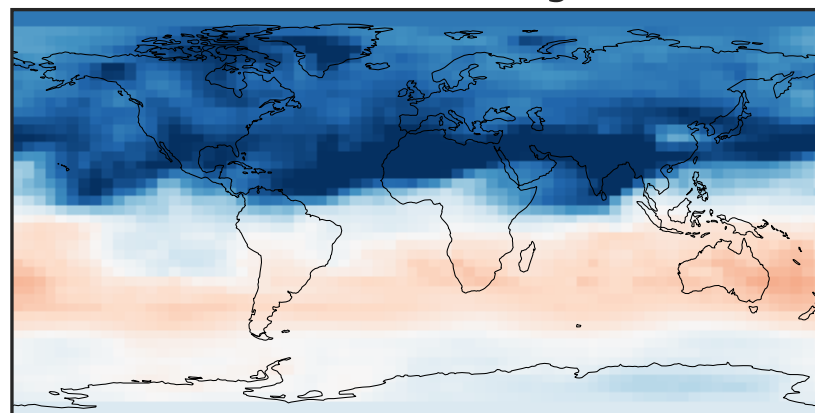
0.006955 0.006970 0.006985
ppb

Difference
Dev - Ref, Dynamic Range



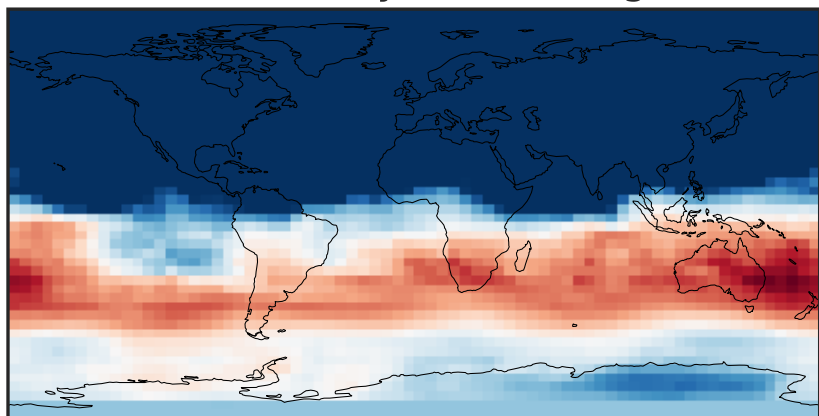
-8 0 8
ppb $1e-7$

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



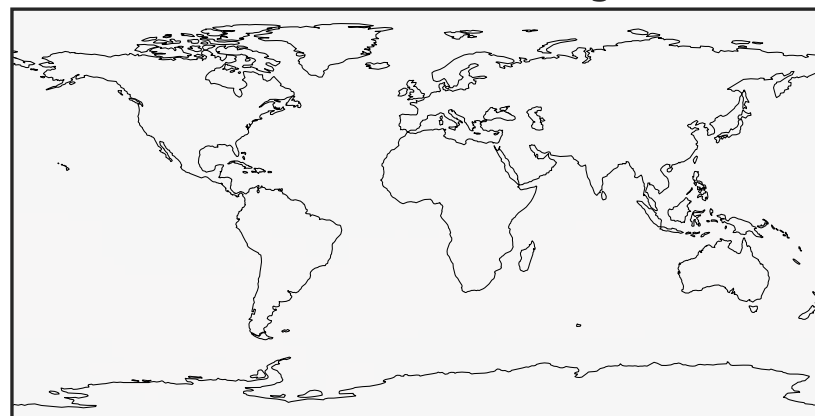
-6 0 6
ppb $1e-7$

Ratio
Dev/Ref, Dynamic Range



0.9999455 1.000000 1.0000545
unitless

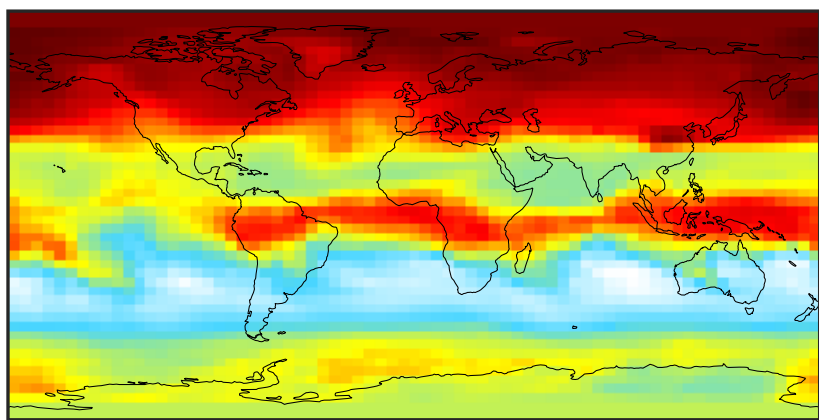
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

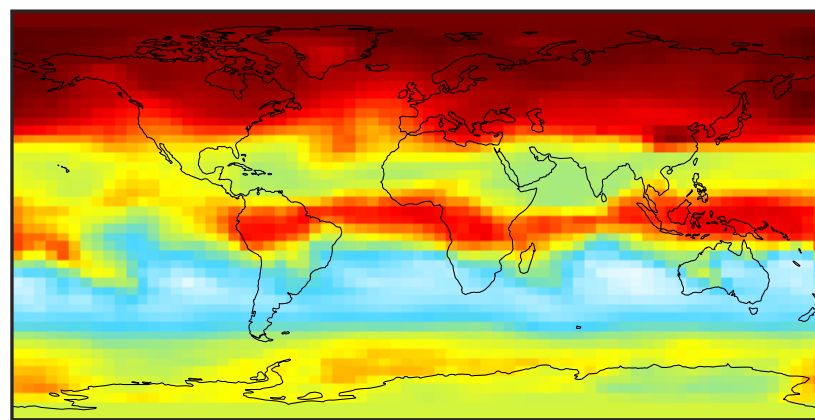
SpeciesConcVV_HCFCs (Jan2019)

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



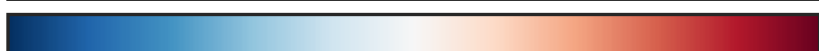
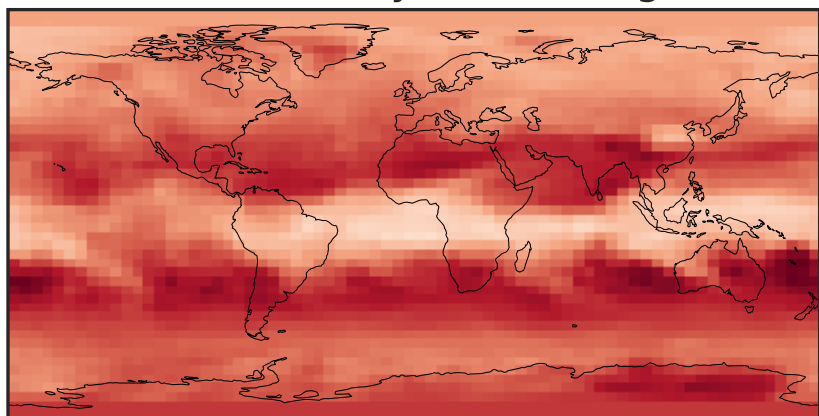
0.293 0.294 0.295
ppb

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



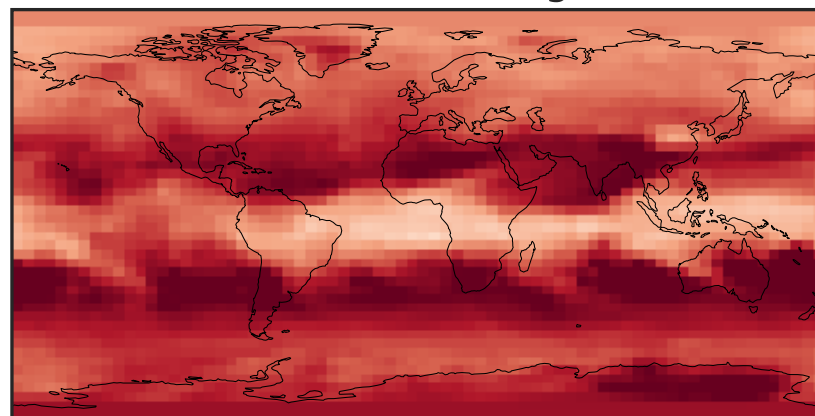
0.293 0.294 0.295
ppb

Difference
Dev - Ref, Dynamic Range



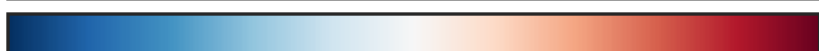
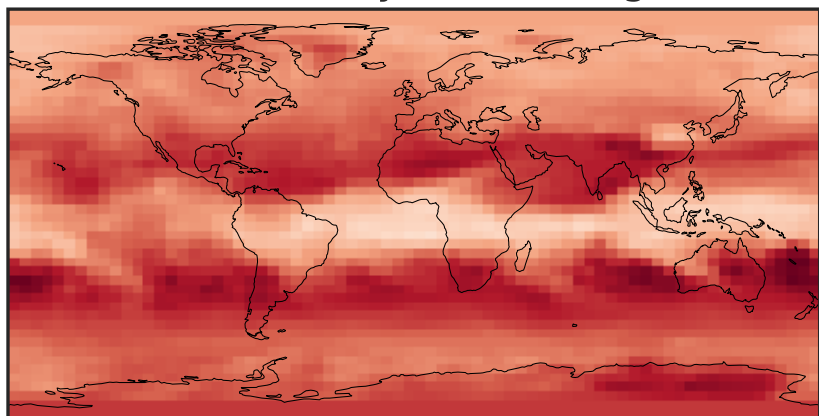
-8 0 8
ppb 1e-5

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



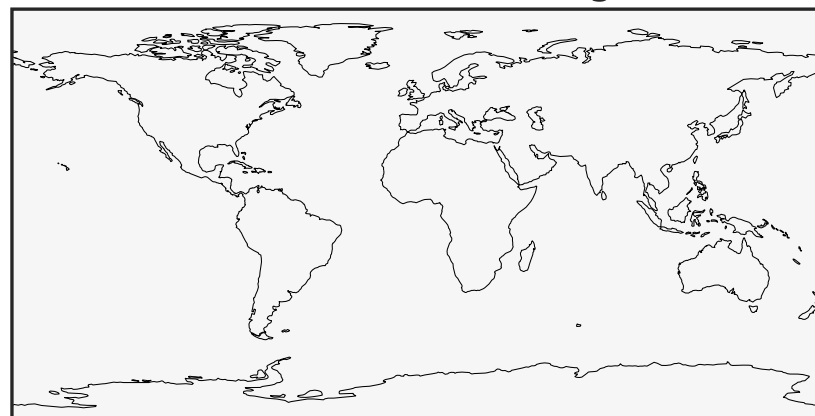
-6 0 6
ppb 1e-5

Ratio
Dev/Ref, Dynamic Range



0.99958 1.00000 1.00042
unitless

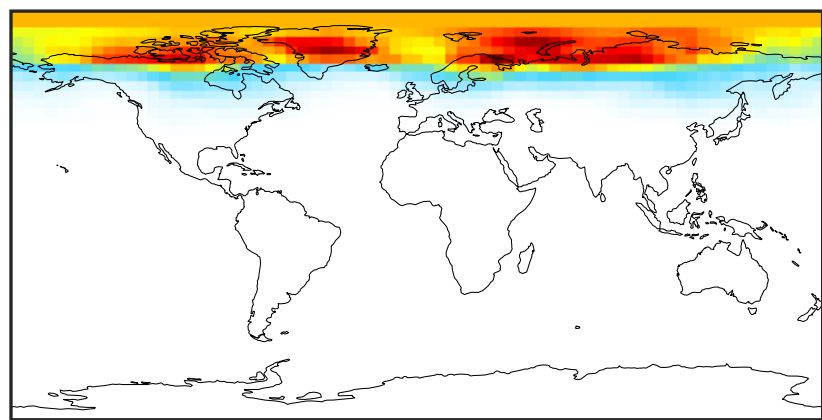
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

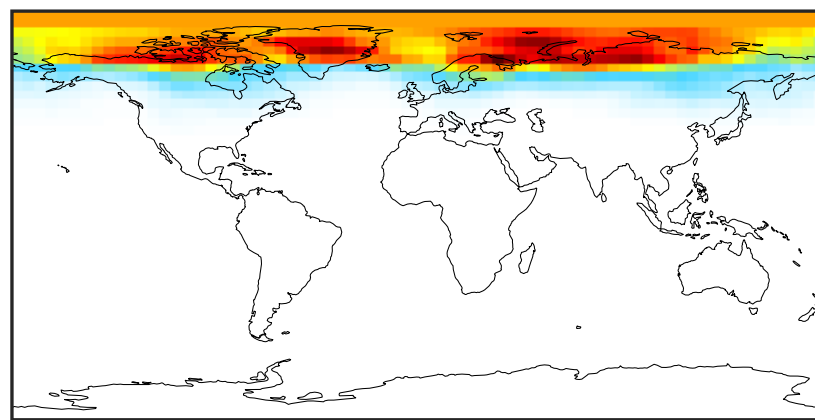
SpeciesConcVV_OClO (Jan2019)

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



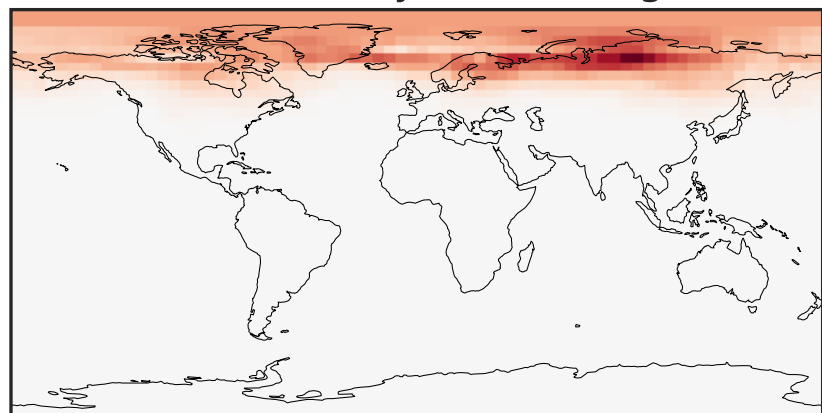
0.00015 0.00030 0.00045
ppb

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



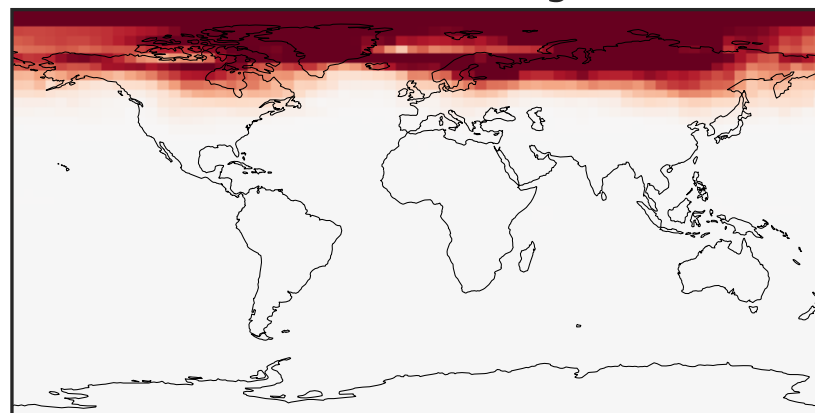
0.00015 0.00030 0.00045
ppb

Difference
Dev - Ref, Dynamic Range



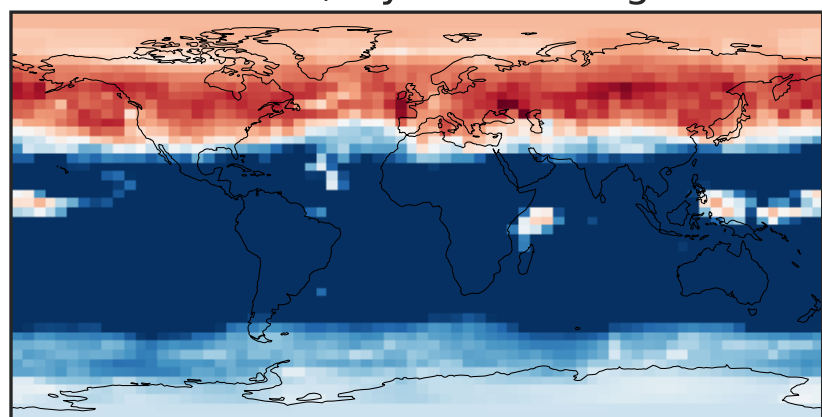
-1.5 0.0 1.5
ppb $1e-5$

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



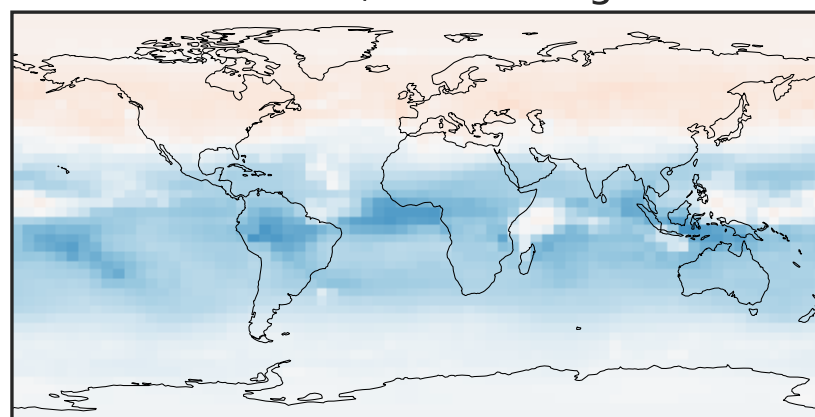
-5 0 5
ppb $1e-6$

Ratio
Dev/Ref, Dynamic Range



0.8987 0.9493 1.0000 1.0564 1.1128
unitless

Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless