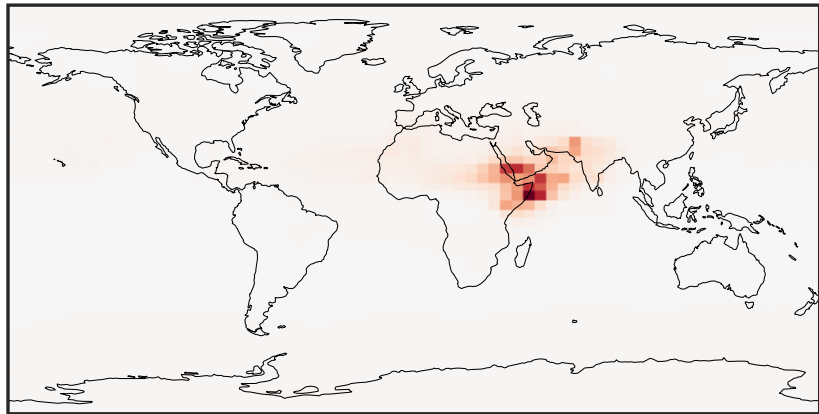


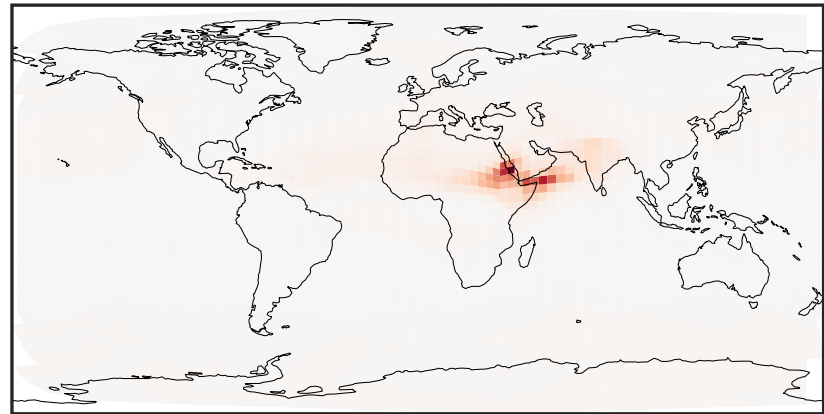
# SpeciesConcVV\_Cly

gcc-4x5-1Mon-14.2.0-alpha.20 -  
gcc-4x5-1Mon-14.1.1 (Ref)  
4.0x5.0



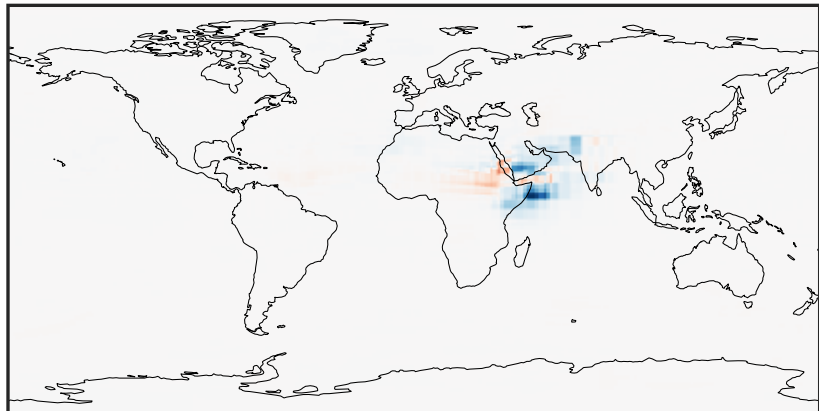
-0.092 -0.046 0.000 0.046 0.092  
ppb

gchp-c24-1Mon-14.2.0-alpha.20 -  
gchp-c24-1Mon-14.1.1 (Dev)  
c24



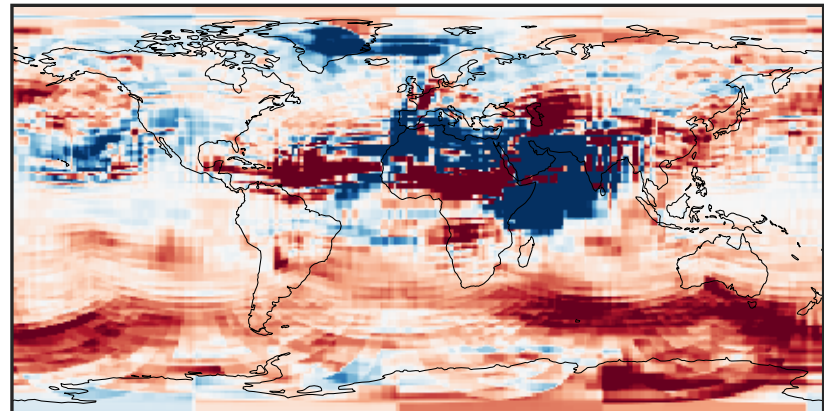
-0.092 -0.046 0.000 0.046 0.092  
ppb

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



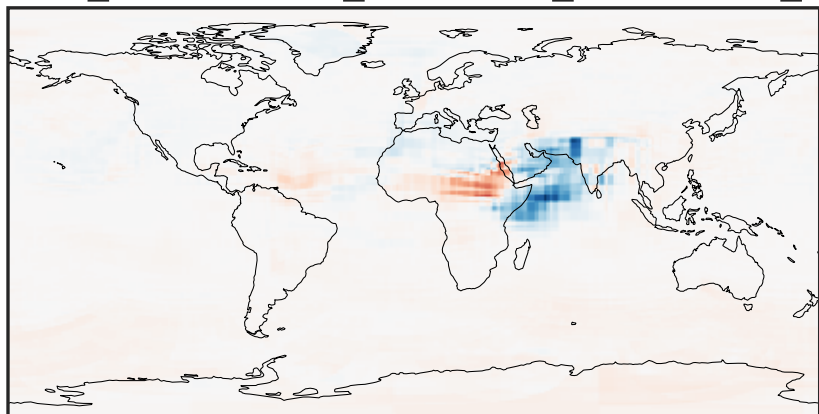
-0.0726 -0.0363 0.0000 0.0363 0.0726  
ppb

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



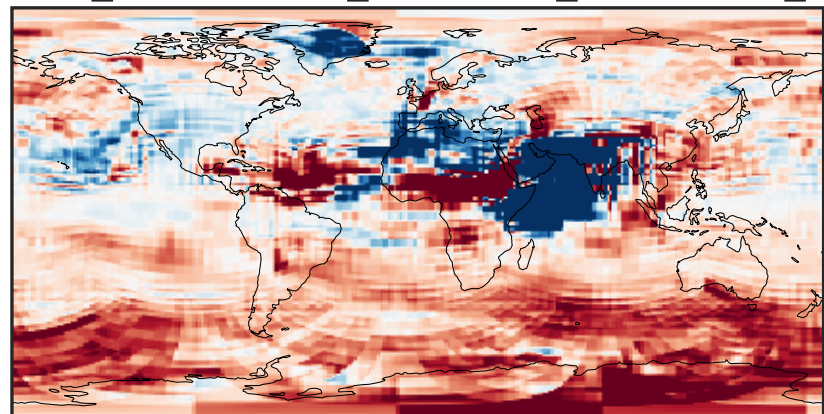
-0.00025 0.00000 0.00025  
ppb

Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



-0.3568 -0.1784 0.0000 0.1784 0.3568  
unitless

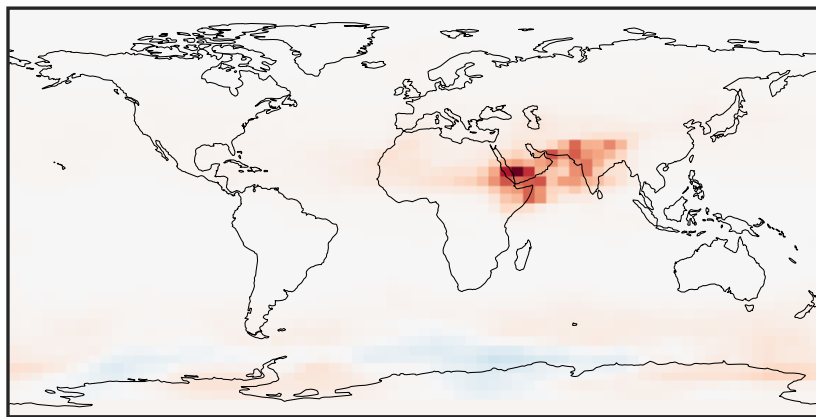
Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



-0.01 0.00 0.01  
unitless

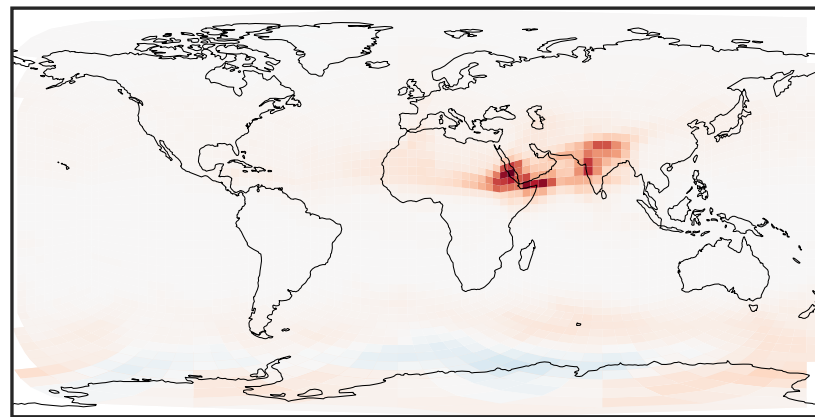
# SpeciesConcVV\_CIOx

gcc-4x5-1Mon-14.2.0-alpha.20 -  
gcc-4x5-1Mon-14.1.1 (Ref)  
4.0x5.0



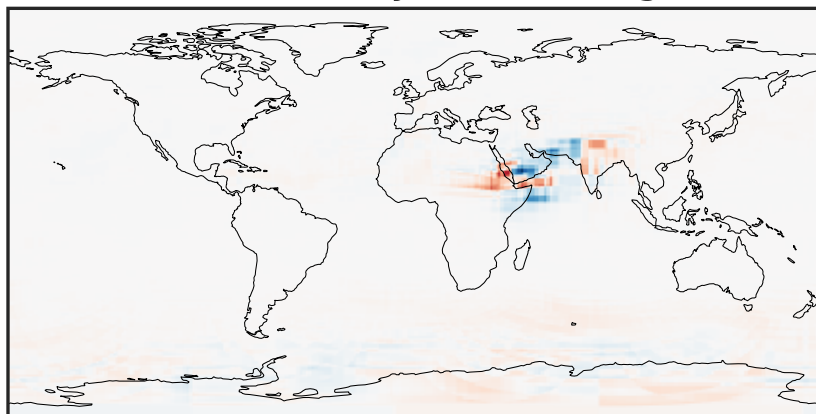
-0.0015 0.0000 0.0015  
ppb

gchp-c24-1Mon-14.2.0-alpha.20 -  
gchp-c24-1Mon-14.1.1 (Dev)  
c24



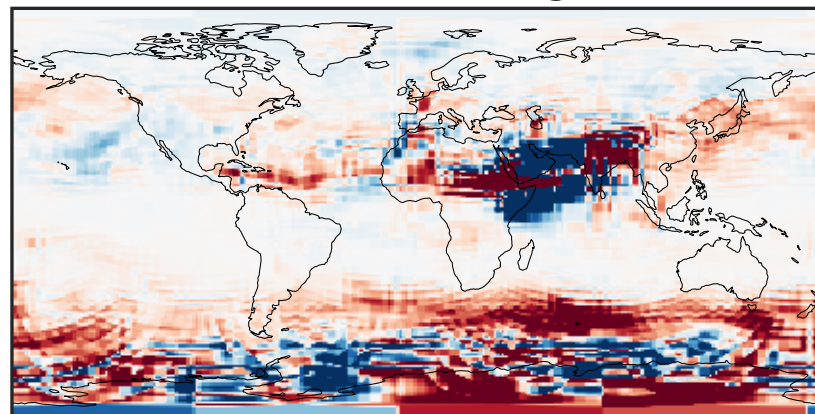
-0.0015 0.0000 0.0015  
ppb

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



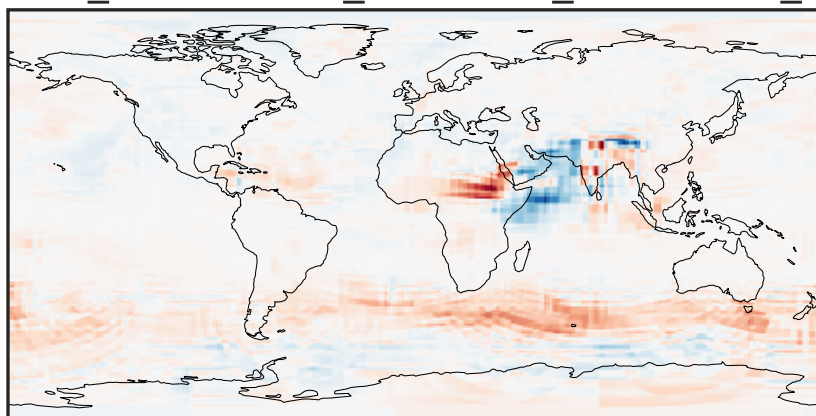
-0.001 0.000 0.001  
ppb

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



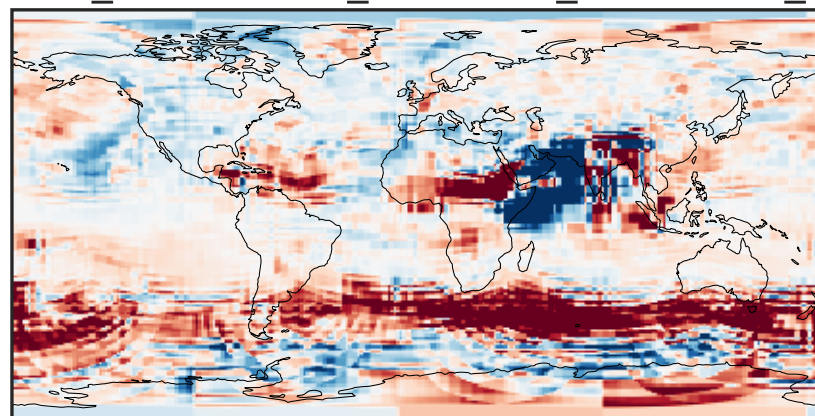
-4 0 4  
ppb 1e-5

Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



-0.555 -0.277 0.000 0.277 0.555  
unitless

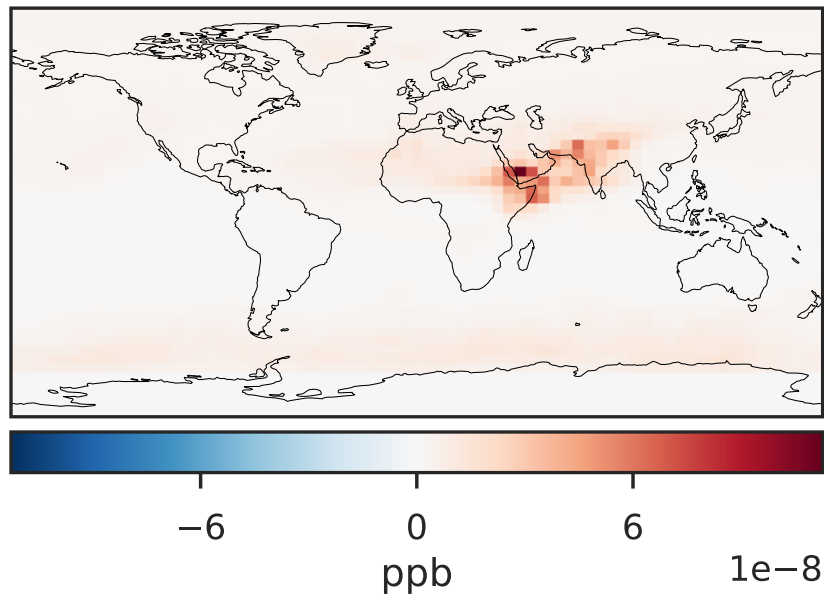
Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



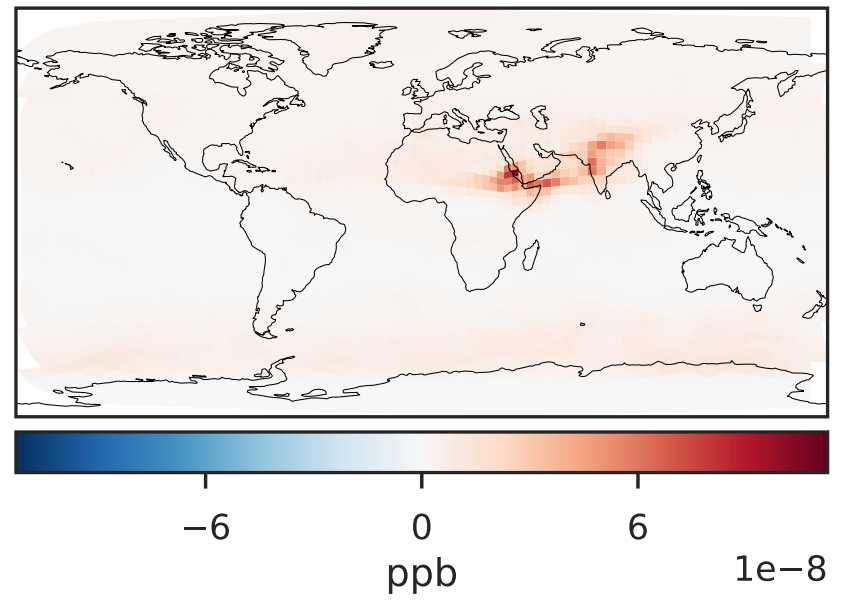
-0.0993 -0.0497 0.0000 0.0497 0.0993  
unitless

# SpeciesConcVV\_CI

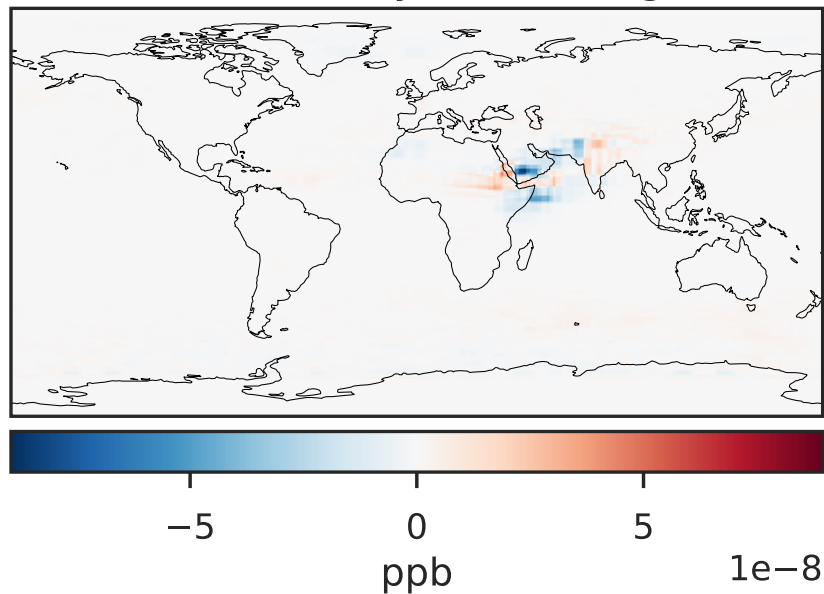
gcc-4x5-1Mon-14.2.0-alpha.20 -  
gcc-4x5-1Mon-14.1.1 (Ref)  
4.0x5.0



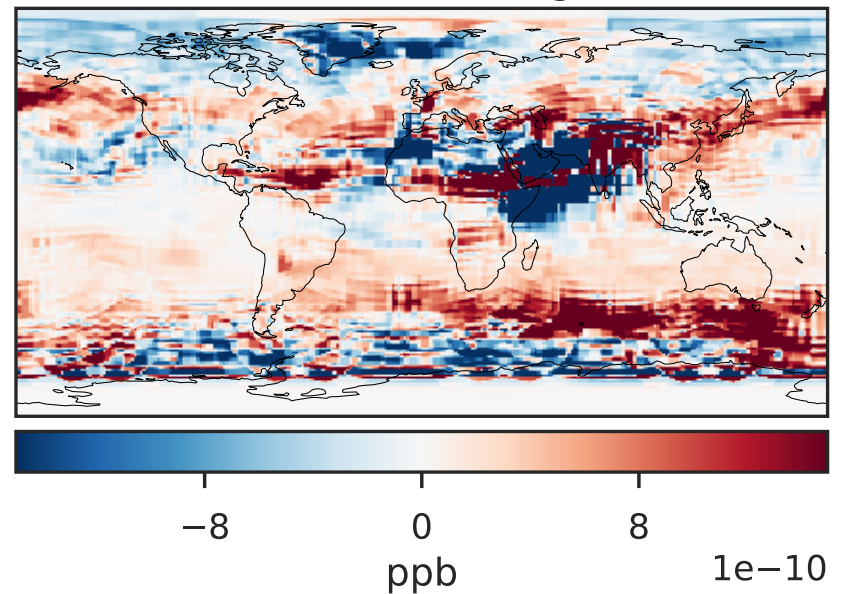
gchp-c24-1Mon-14.2.0-alpha.20 -  
gchp-c24-1Mon-14.1.1 (Dev)  
c24



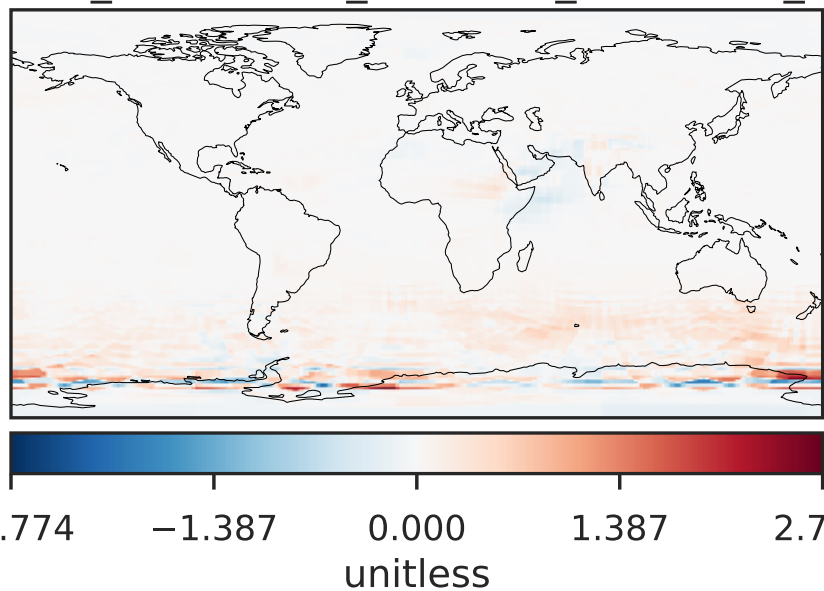
Difference (1x1.25)  
Dev - Ref, Dynamic Range



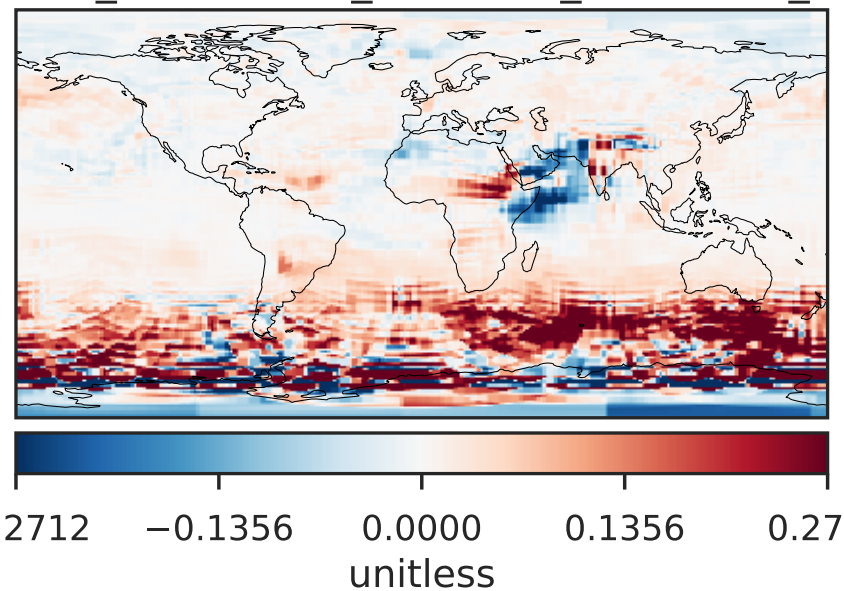
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

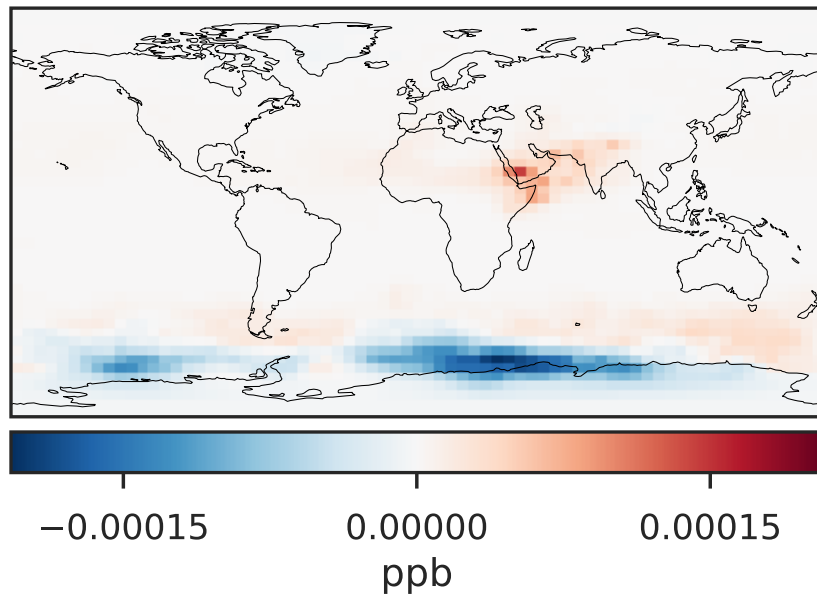


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

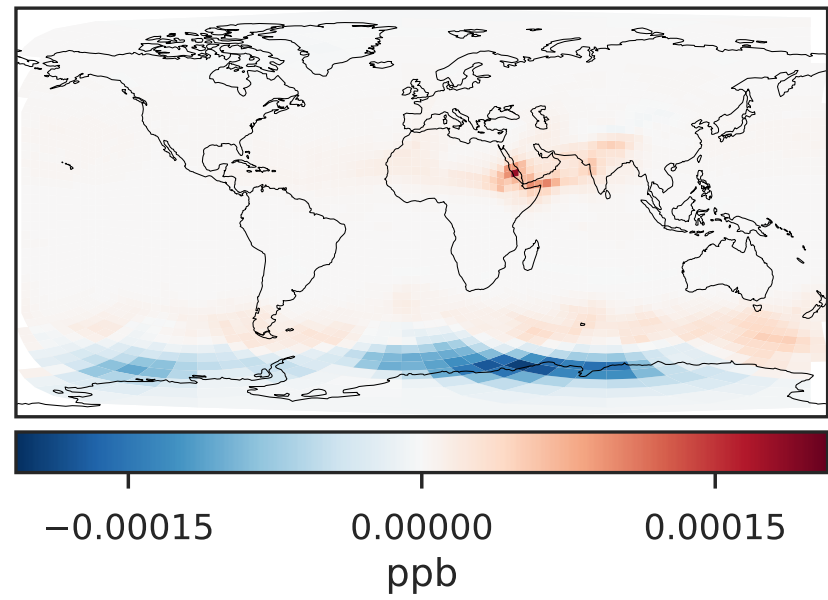


# SpeciesConcVW\_CIO

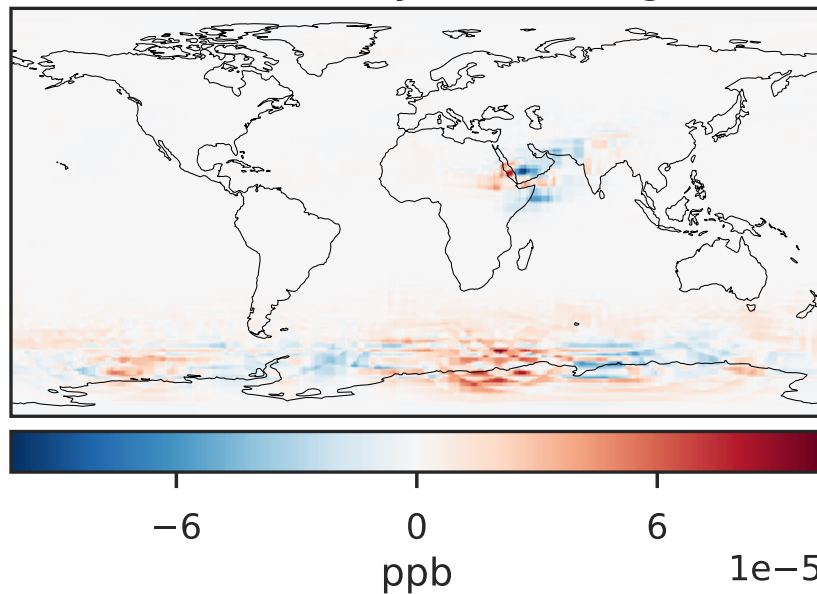
gcc-4x5-1Mon-14.2.0-alpha.20 -  
gcc-4x5-1Mon-14.1.1 (Ref)  
4.0x5.0



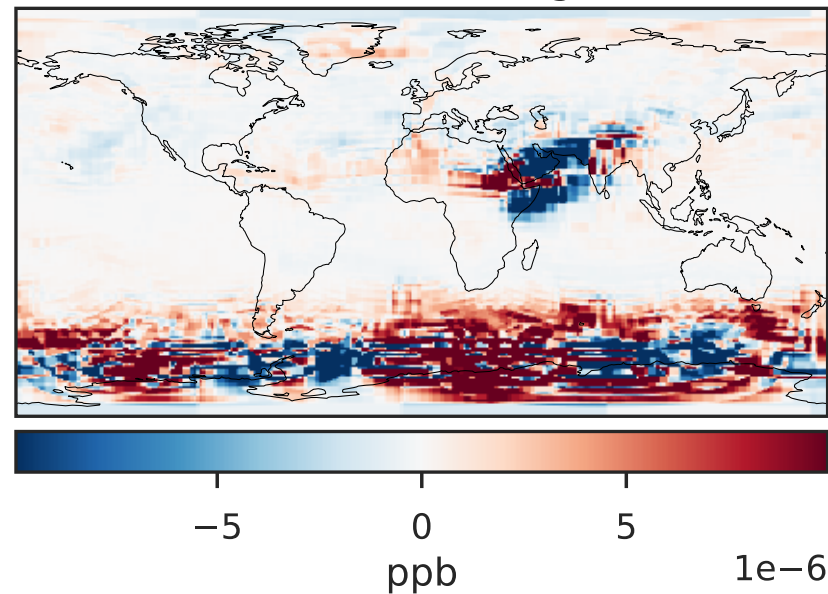
gchp-c24-1Mon-14.2.0-alpha.20 -  
gchp-c24-1Mon-14.1.1 (Dev)  
c24



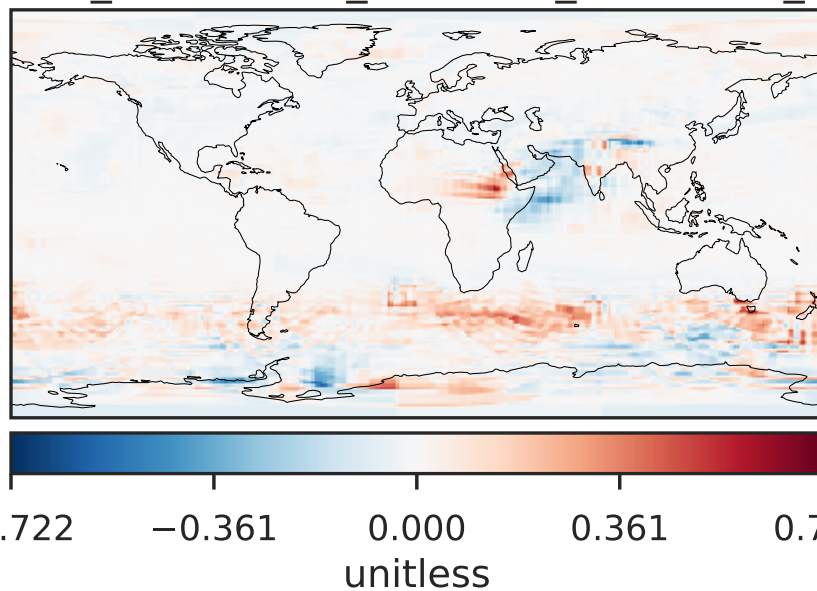
Difference (1x1.25)  
Dev - Ref, Dynamic Range



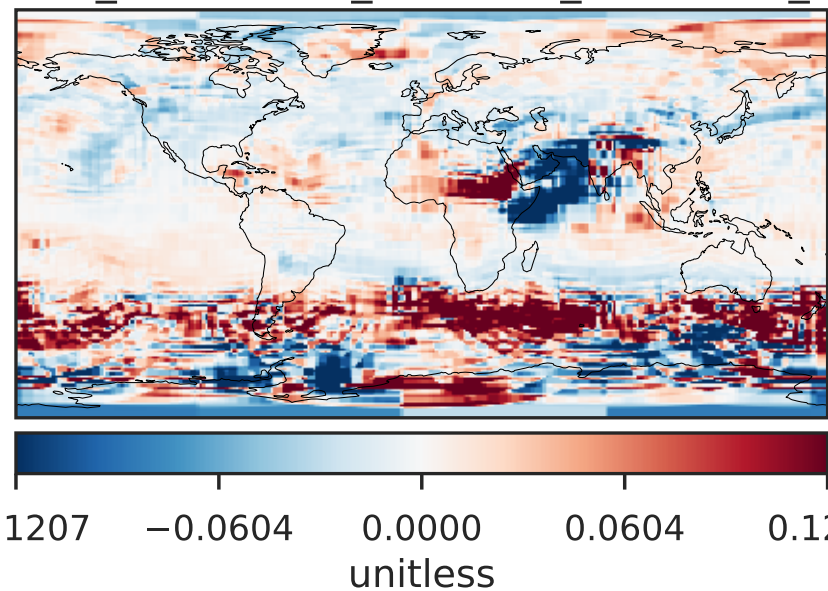
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

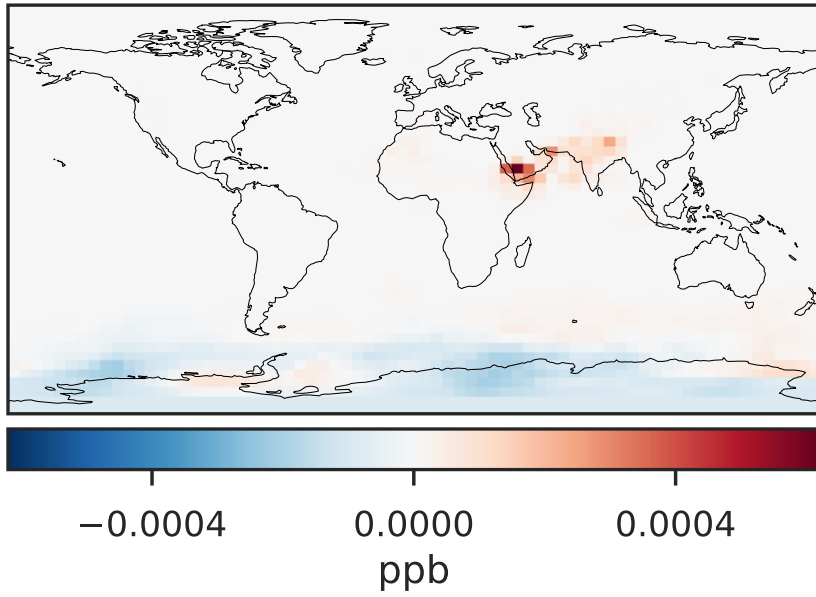


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

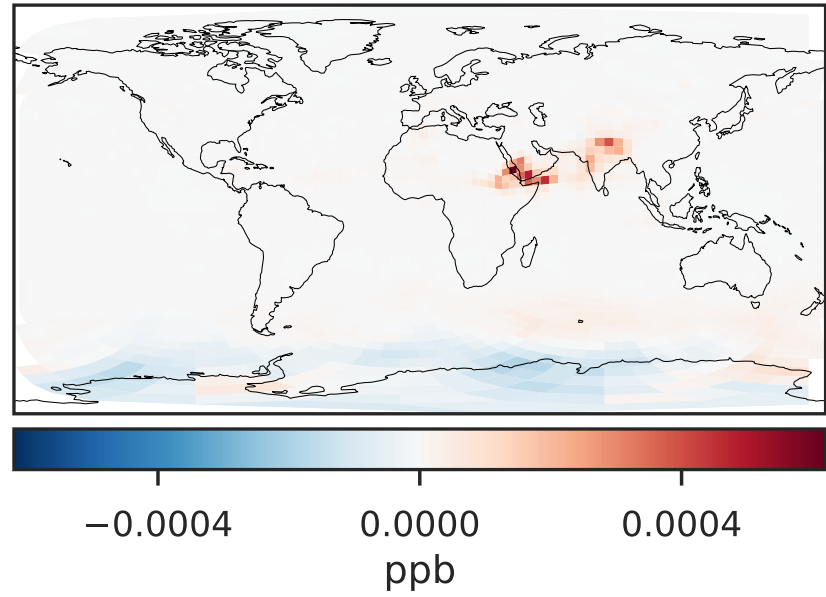


# SpeciesConcVV\_Cl2

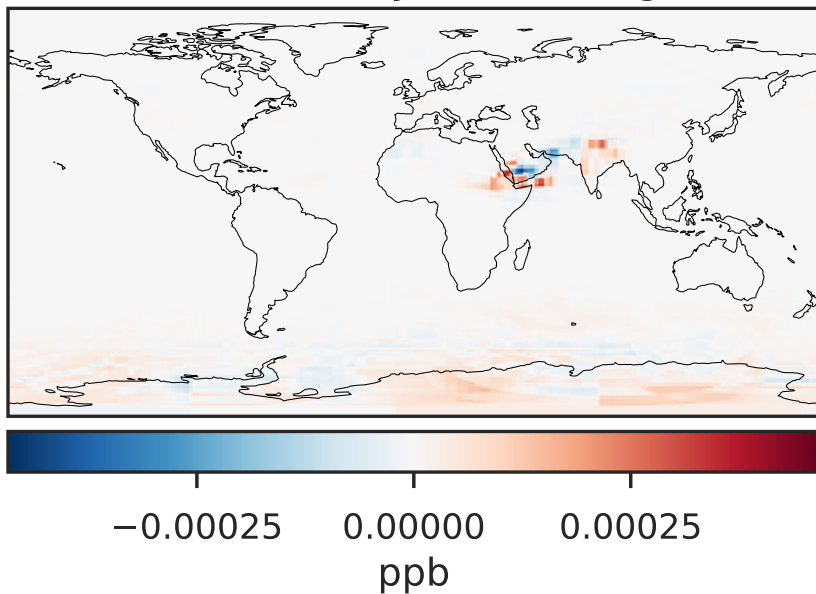
gcc-4x5-1Mon-14.2.0-alpha.20 -  
gcc-4x5-1Mon-14.1.1 (Ref)  
4.0x5.0



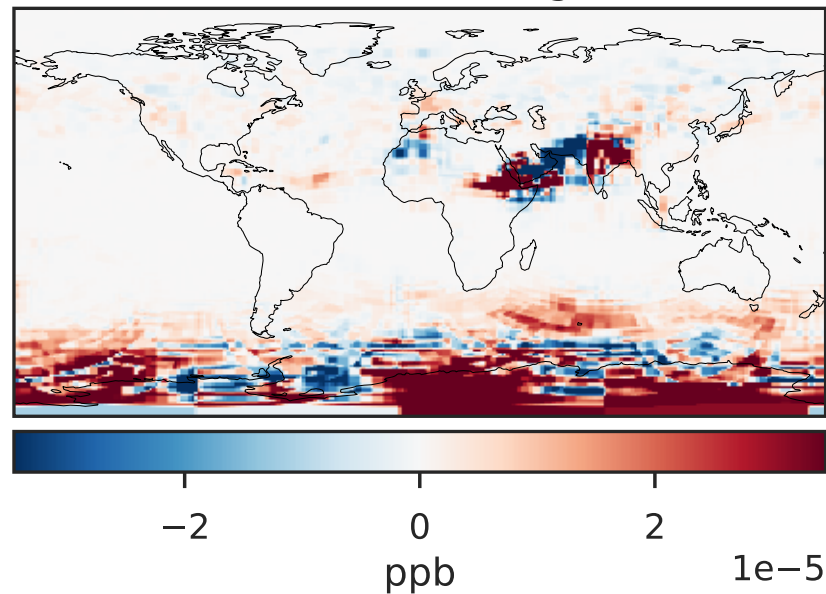
gchp-c24-1Mon-14.2.0-alpha.20 -  
gchp-c24-1Mon-14.1.1 (Dev)  
c24



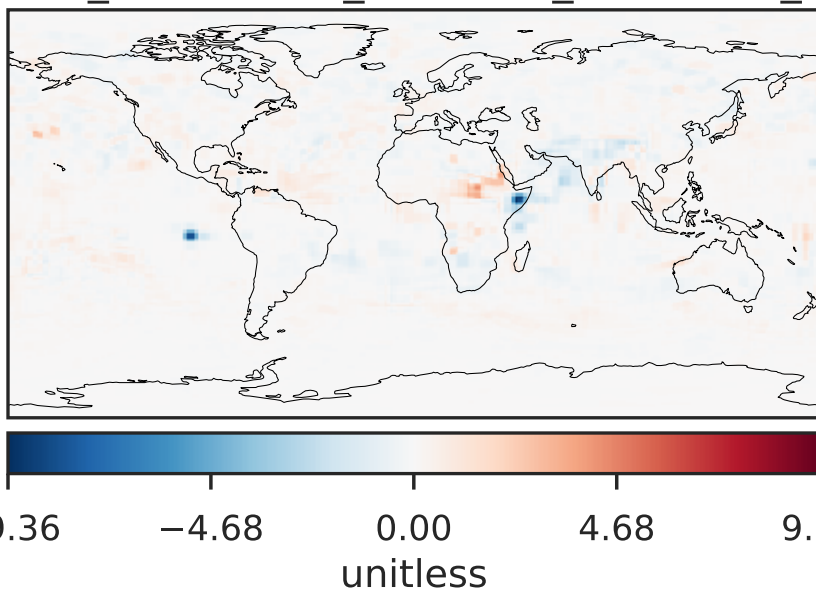
Difference (1x1.25)  
Dev - Ref, Dynamic Range



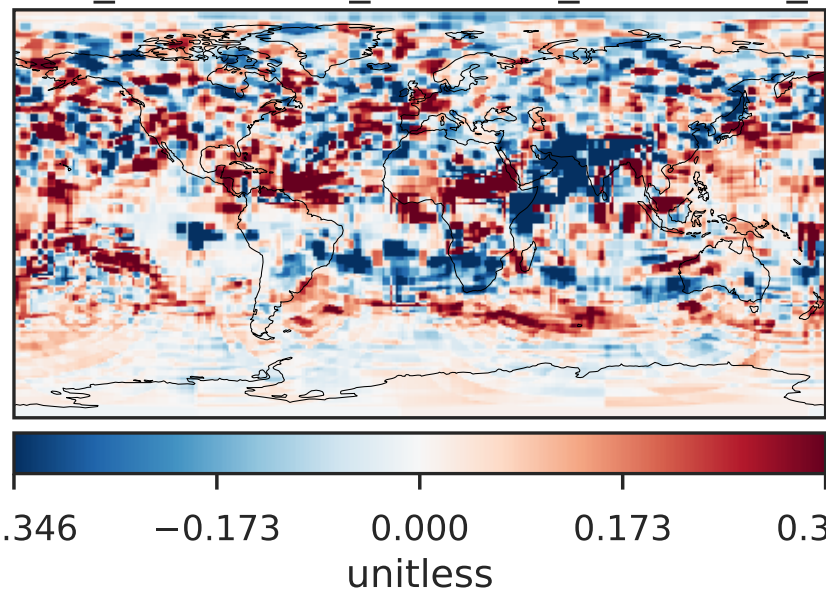
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

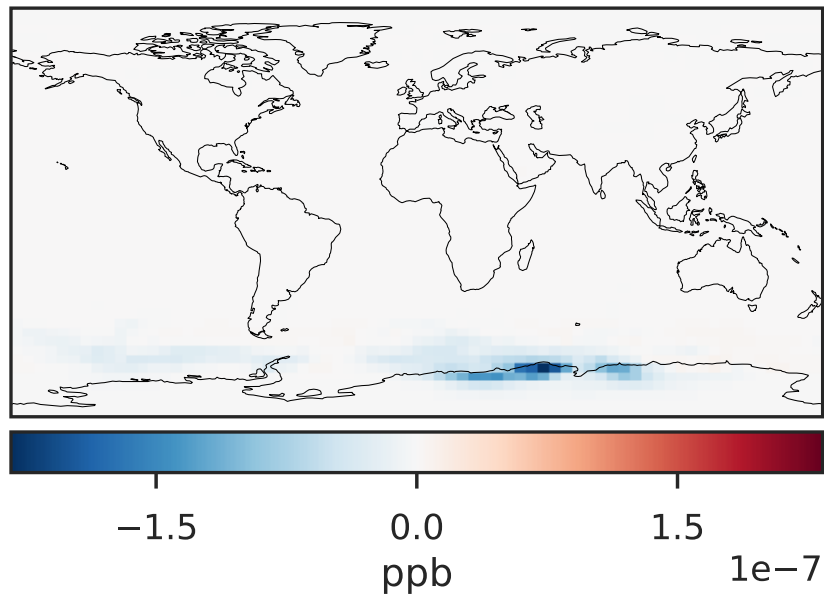


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

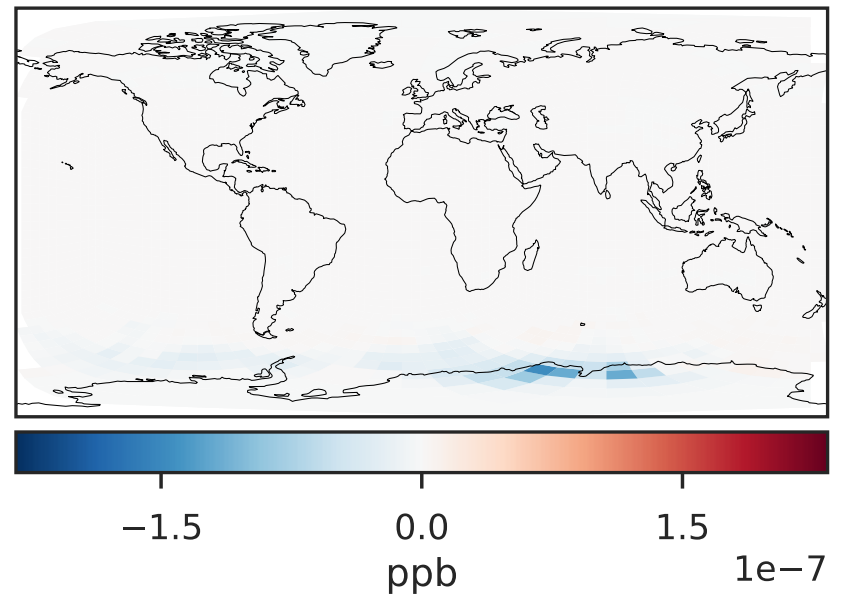


# SpeciesConcVV\_Cl2O2

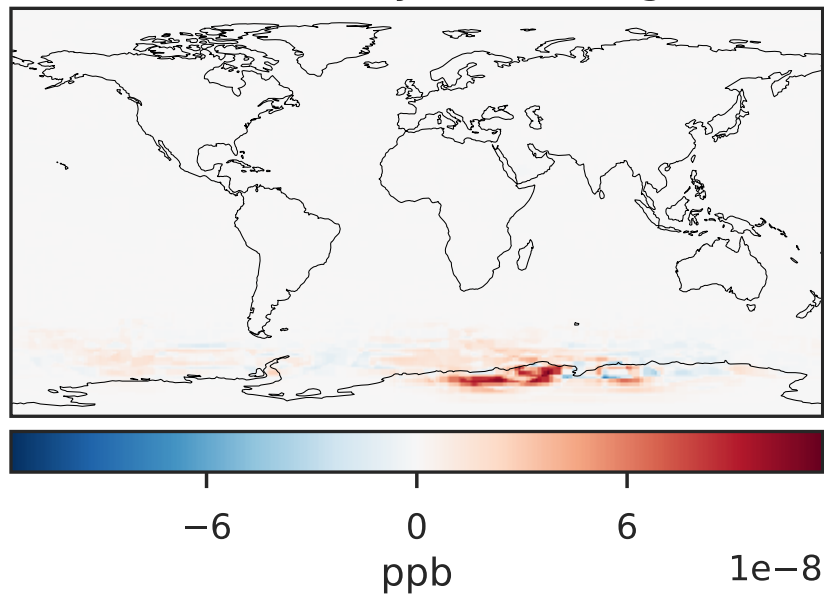
gcc-4x5-1Mon-14.2.0-alpha.20 -  
gcc-4x5-1Mon-14.1.1 (Ref)  
4.0x5.0



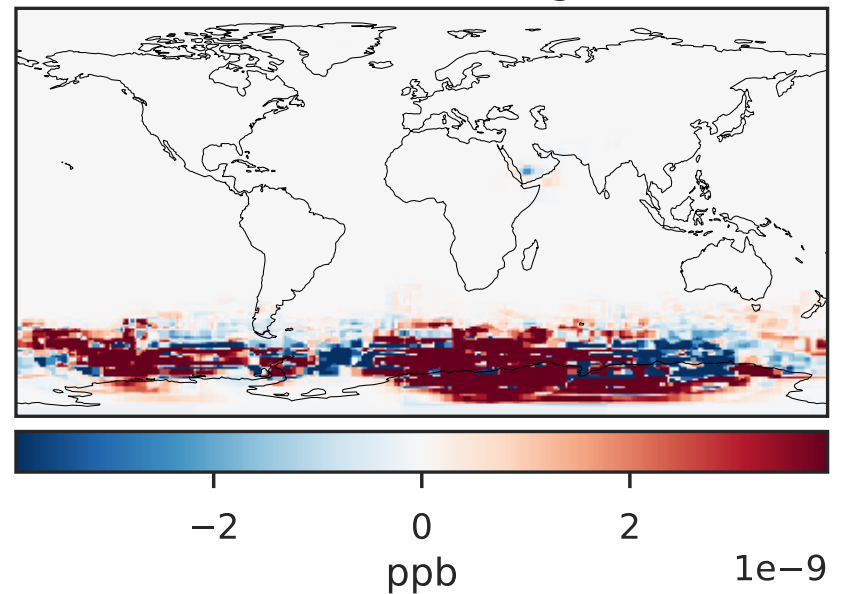
gchp-c24-1Mon-14.2.0-alpha.20 -  
gchp-c24-1Mon-14.1.1 (Dev)  
c24



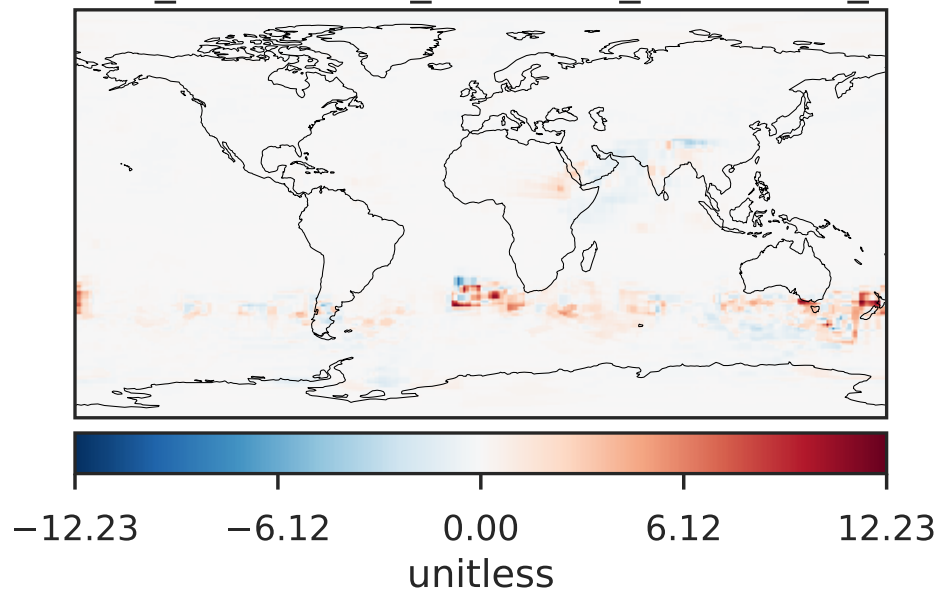
Difference (1x1.25)  
Dev - Ref, Dynamic Range



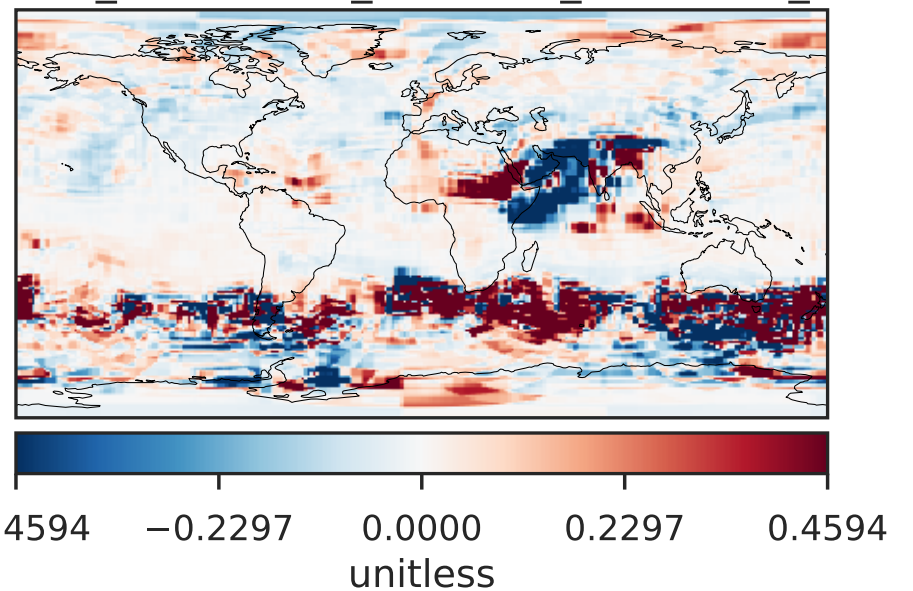
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

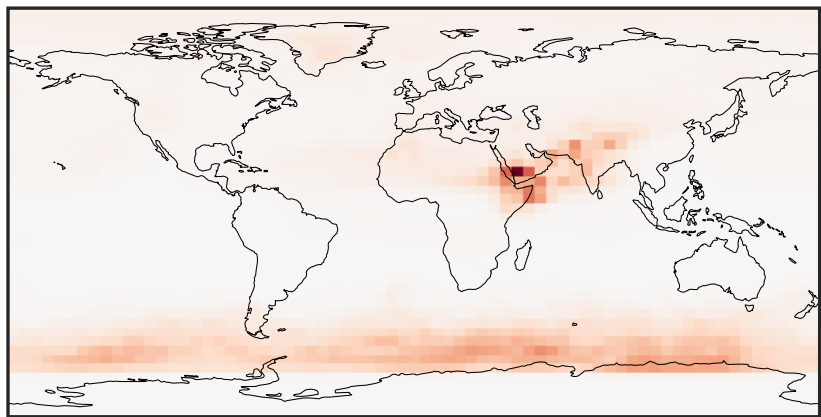


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



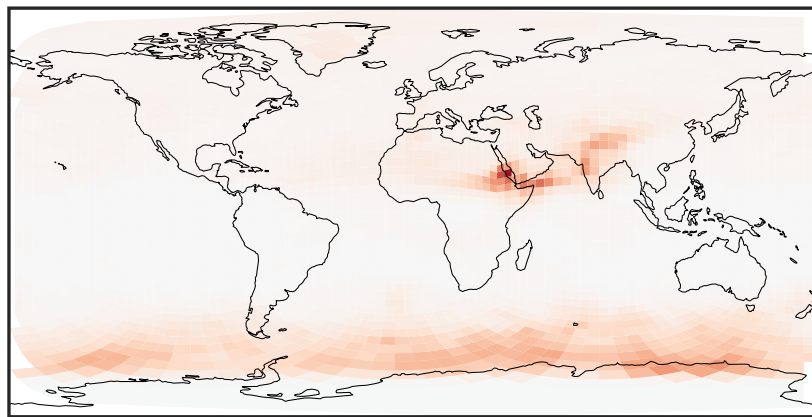
# SpeciesConcVV\_C100

gcc-4x5-1Mon-14.2.0-alpha.20 -  
gcc-4x5-1Mon-14.1.1 (Ref)  
4.0x5.0



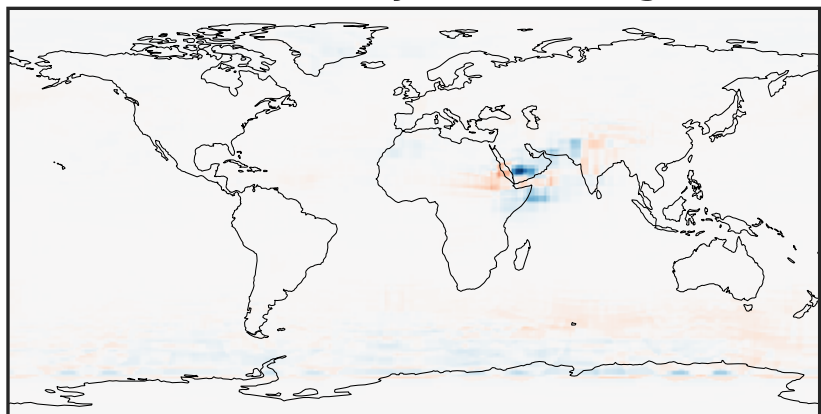
-1.5 0.0 1.5  
ppb  $1e-9$

gchp-c24-1Mon-14.2.0-alpha.20 -  
gchp-c24-1Mon-14.1.1 (Dev)  
c24



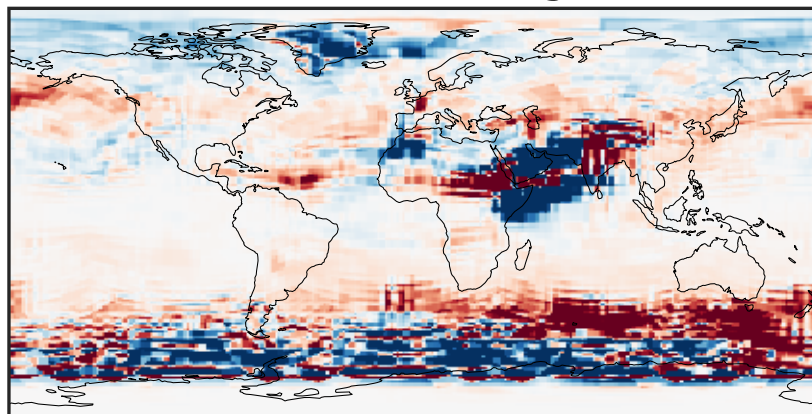
-1.5 0.0 1.5  
ppb  $1e-9$

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



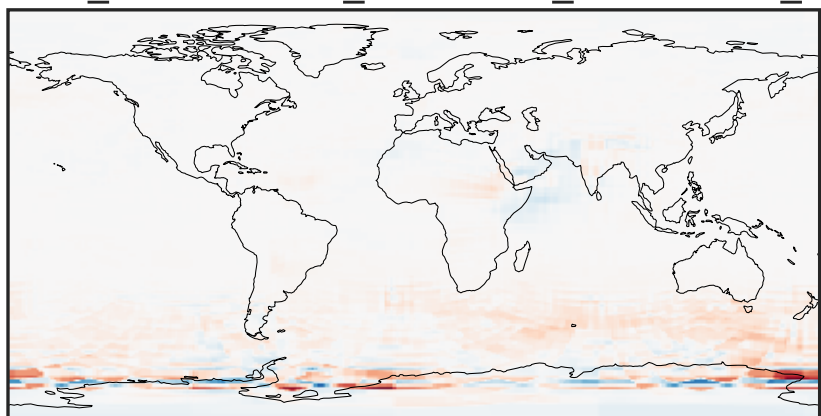
-1.5 0.0 1.5  
ppb  $1e-9$

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



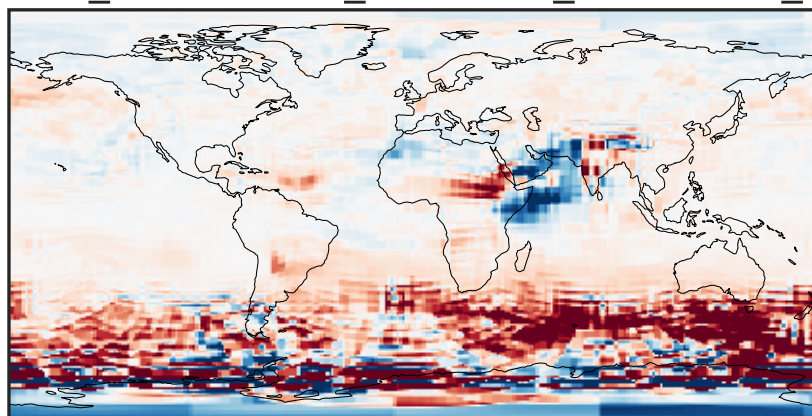
-4 0 4  
ppb  $1e-11$

Difference (1x1.25), Dynamic Range  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$



-2.610 -1.305 0.000 1.305 2.610  
unitless

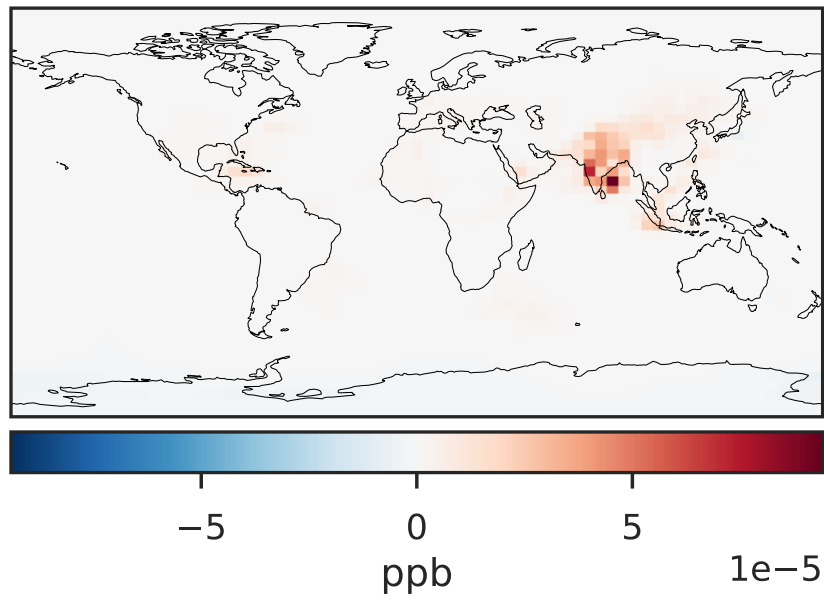
Difference (1x1.25), Restricted Range [5%,95%]  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$



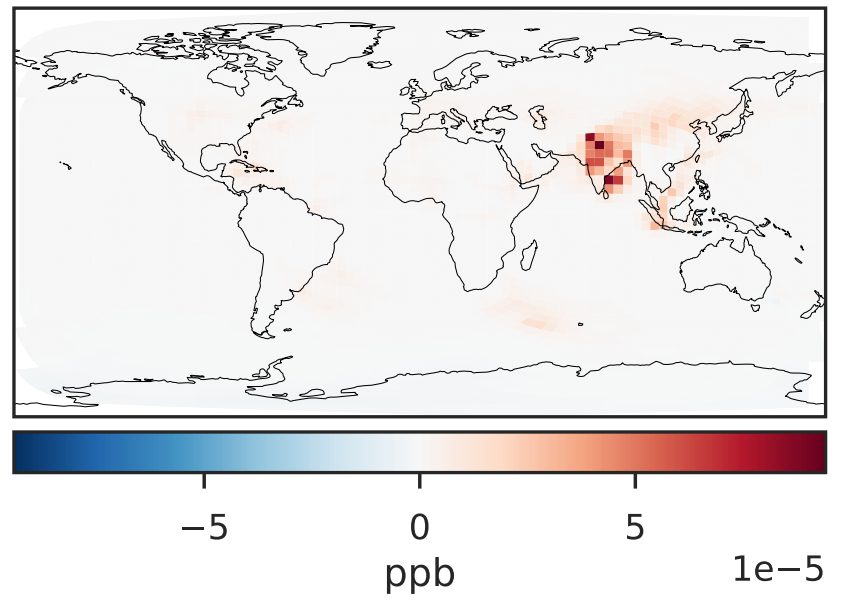
-0.2548 -0.1274 0.0000 0.1274 0.2548  
unitless

# SpeciesConcVV\_CINO2

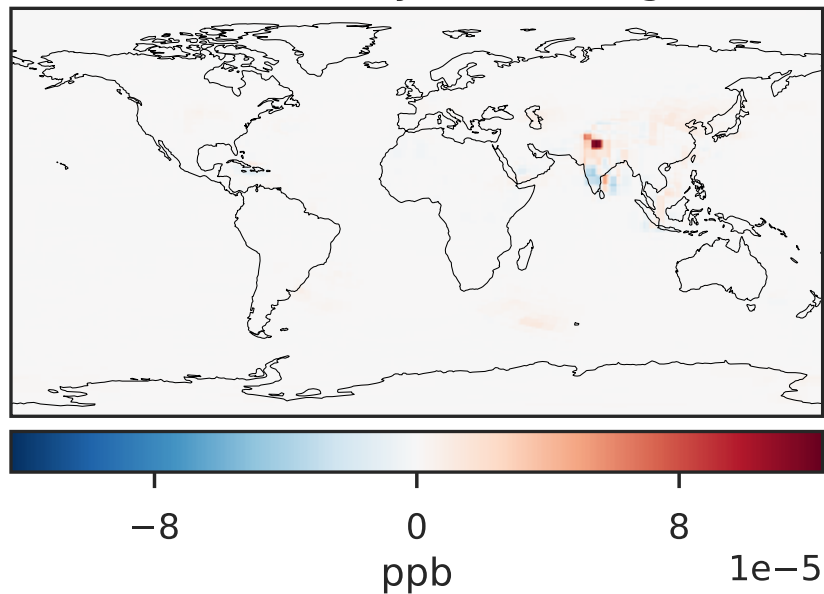
gcc-4x5-1Mon-14.2.0-alpha.20 -  
gcc-4x5-1Mon-14.1.1 (Ref)  
4.0x5.0



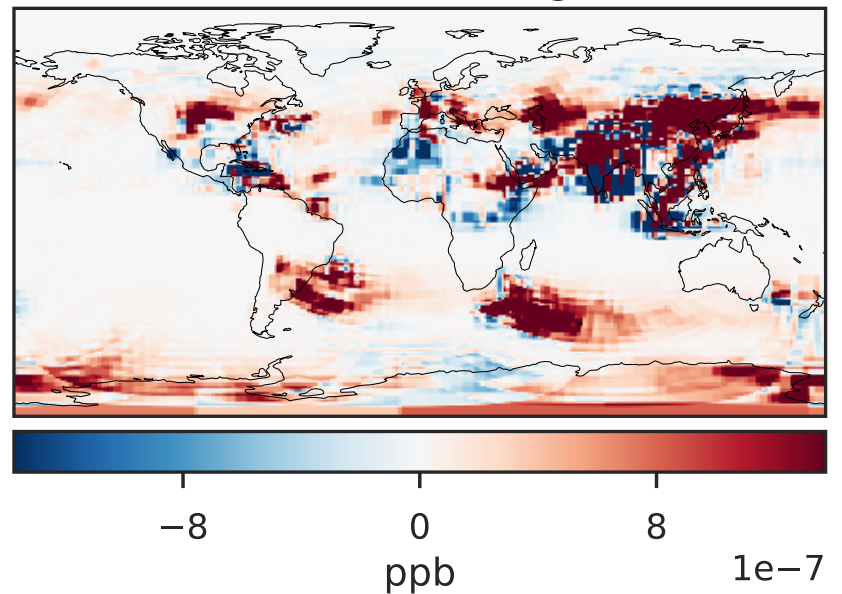
gchp-c24-1Mon-14.2.0-alpha.20 -  
gchp-c24-1Mon-14.1.1 (Dev)  
c24



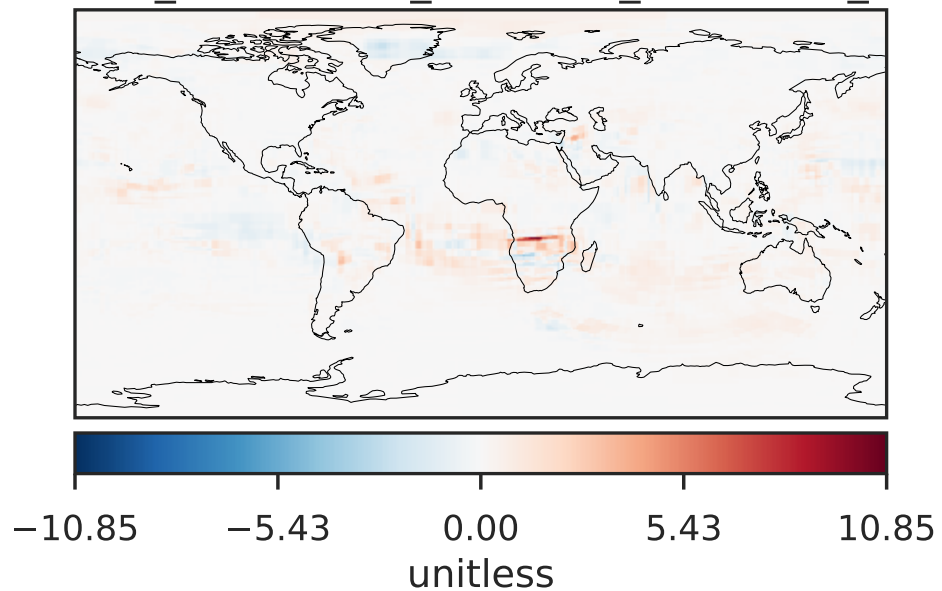
Difference (1x1.25)  
Dev - Ref, Dynamic Range



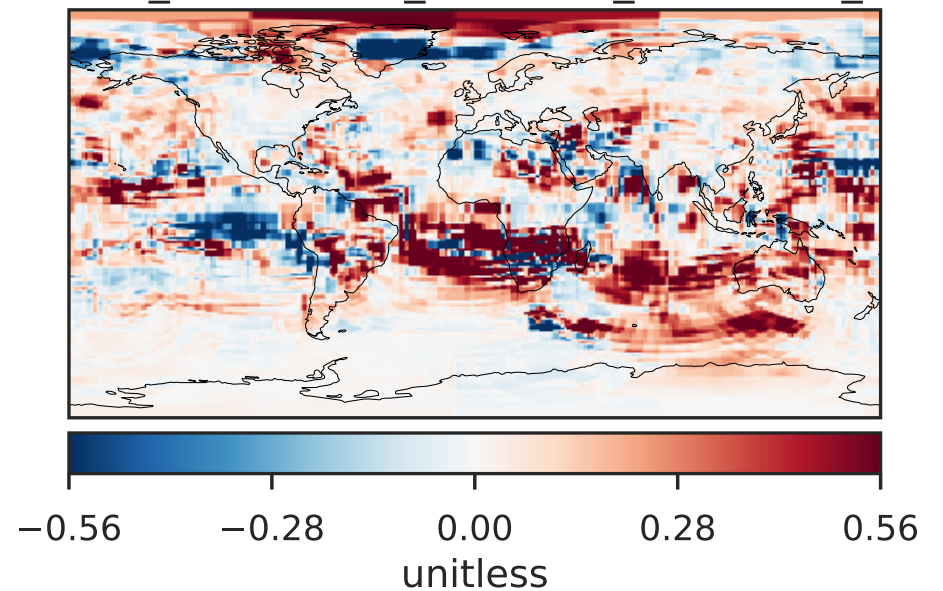
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



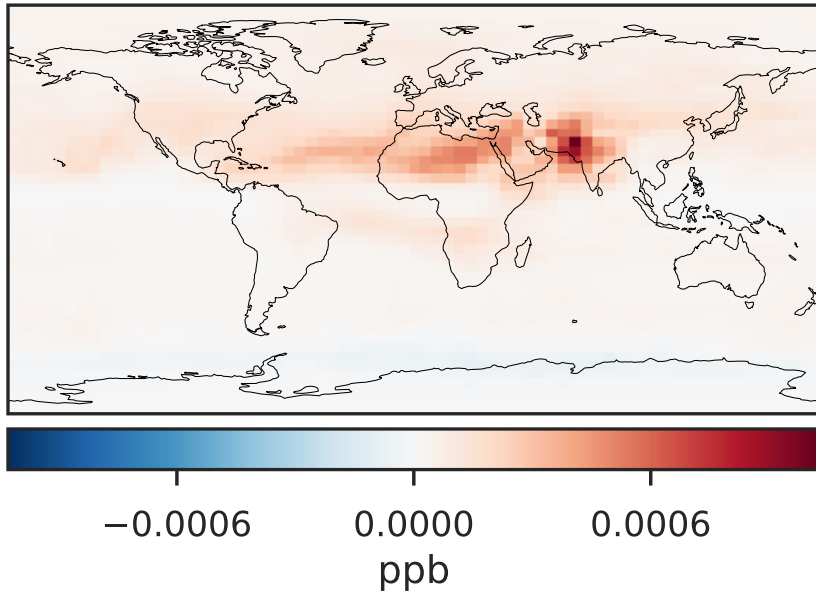
Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



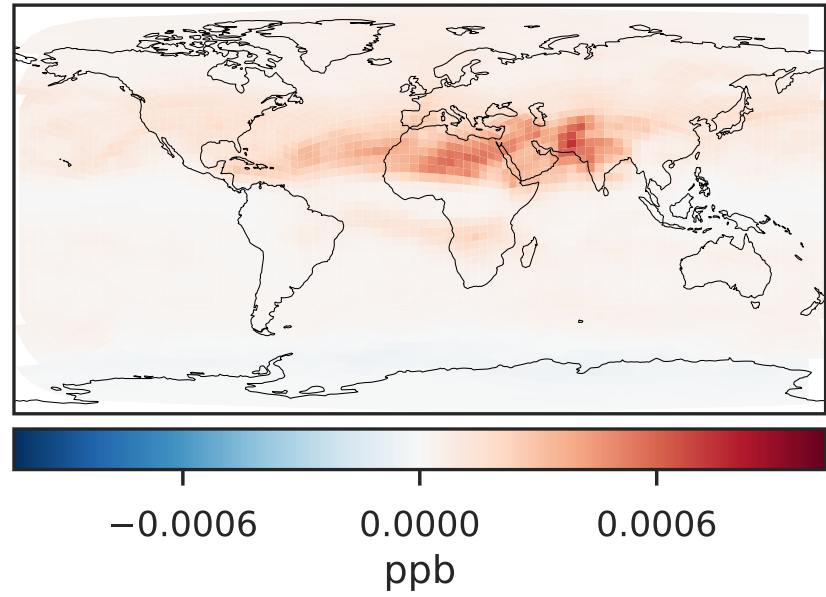


# SpeciesConcVV\_CINO3

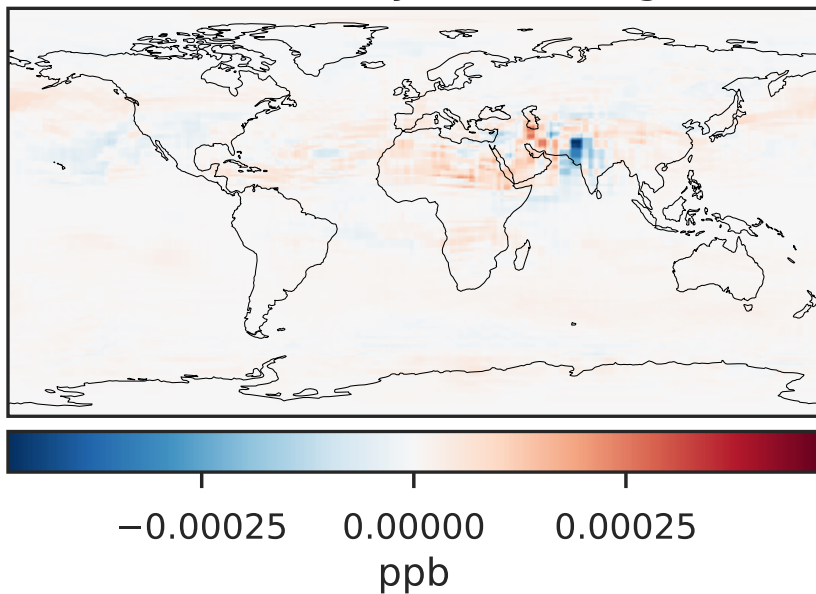
gcc-4x5-1Mon-14.2.0-alpha.20 -  
gcc-4x5-1Mon-14.1.1 (Ref)  
4.0x5.0



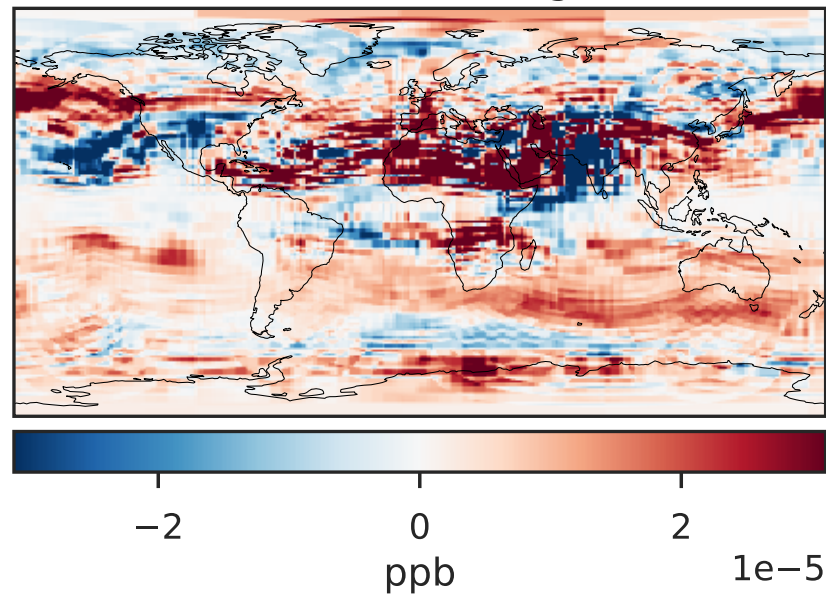
gchp-c24-1Mon-14.2.0-alpha.20 -  
gchp-c24-1Mon-14.1.1 (Dev)  
c24



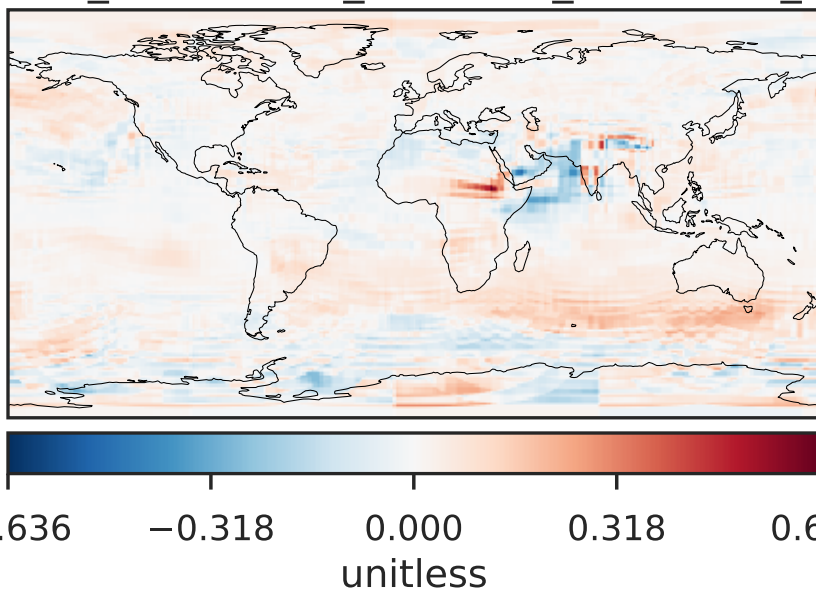
Difference (1x1.25)  
Dev - Ref, Dynamic Range



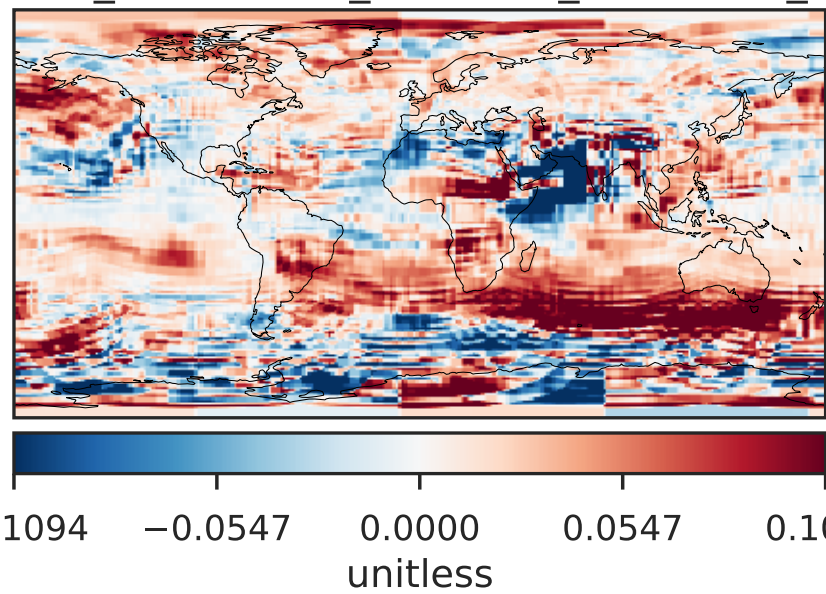
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

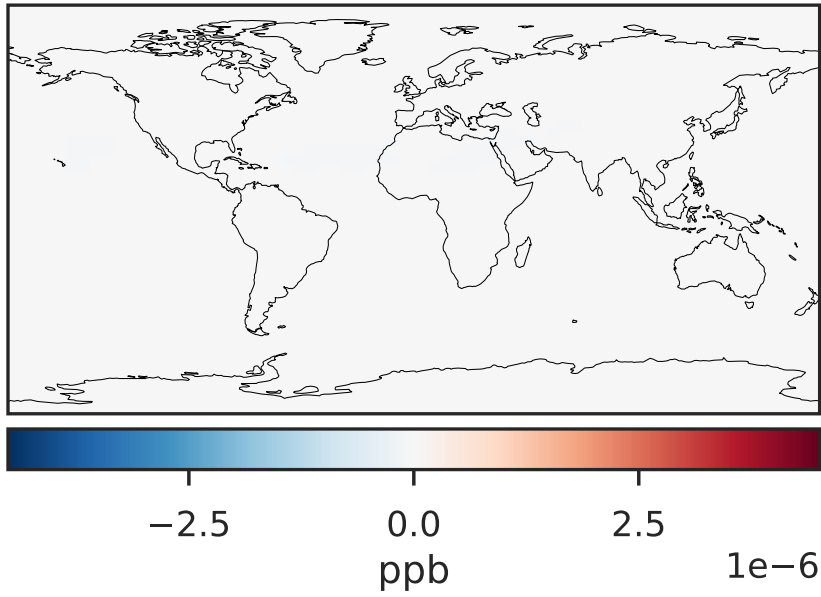


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

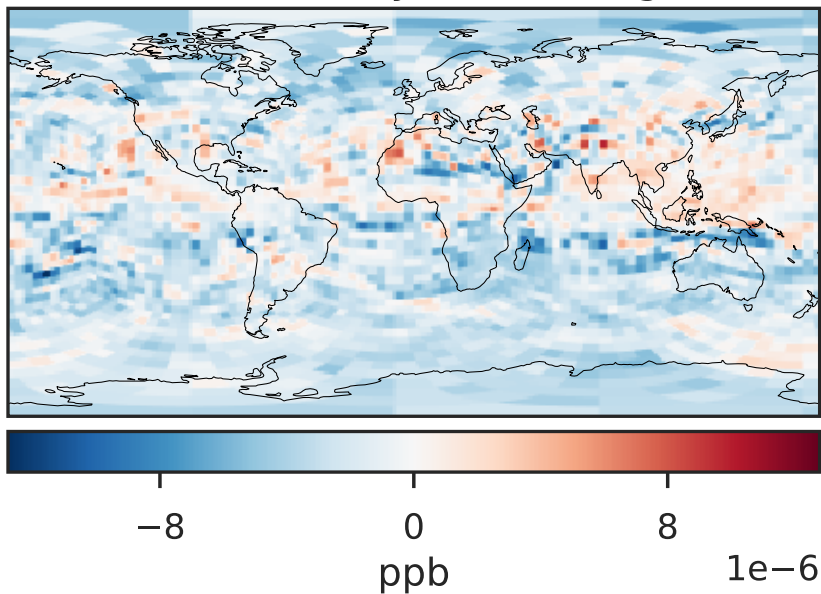


# SpeciesConcVV\_CCI4

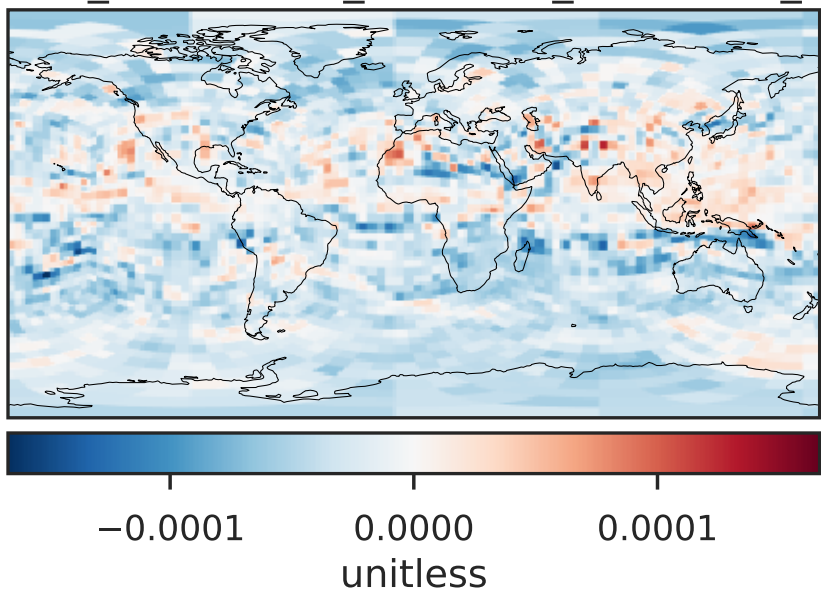
gcc-4x5-1Mon-14.2.0-alpha.20 -  
gcc-4x5-1Mon-14.1.1 (Ref)  
4.0x5.0



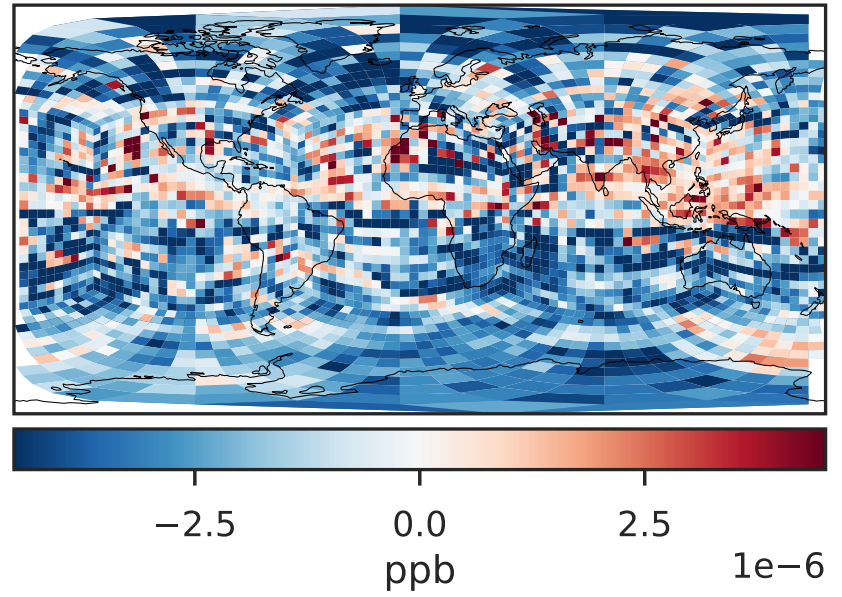
Difference (1x1.25)  
Dev - Ref, Dynamic Range



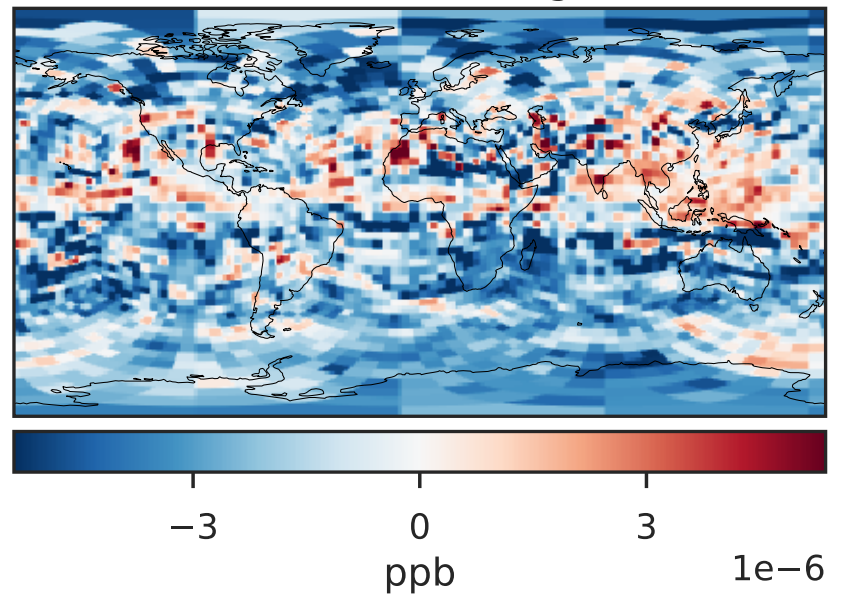
Difference (1x1.25), Dynamic Range  
 $\text{GCHP\_dev} / \text{GCHP\_ref} - \text{GCC\_dev} / \text{GCC\_ref}$



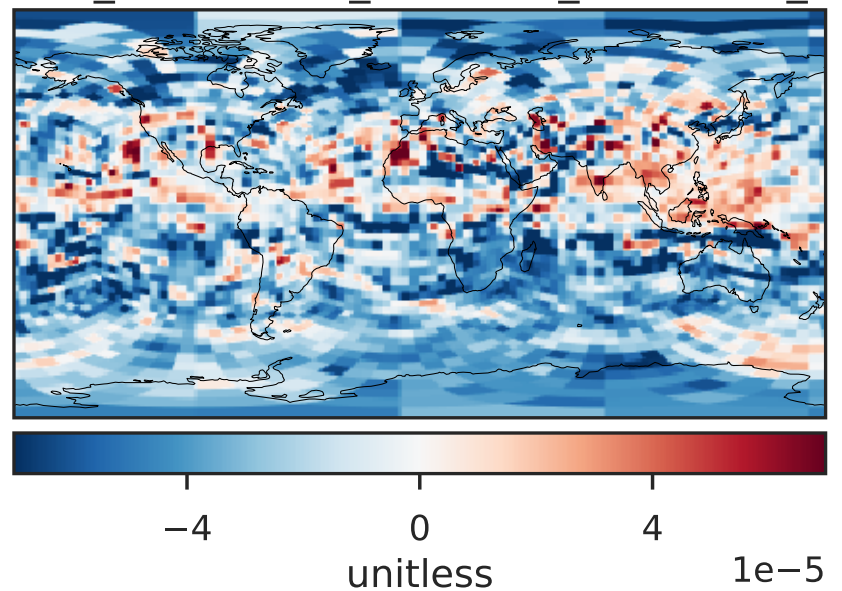
gchp-c24-1Mon-14.2.0-alpha.20 -  
gchp-c24-1Mon-14.1.1 (Dev)  
c24



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

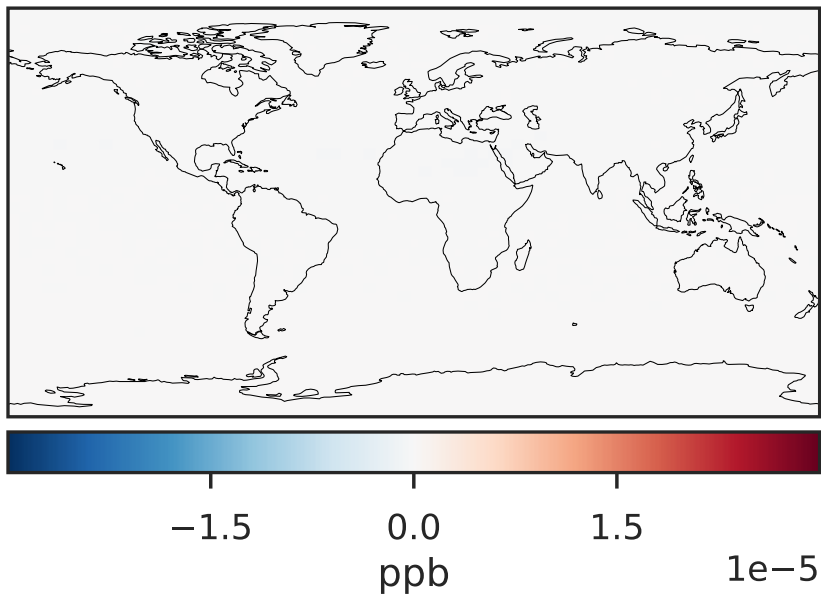


Difference (1x1.25), Restricted Range [5%,95%]  
 $\text{GCHP\_dev} / \text{GCHP\_ref} - \text{GCC\_dev} / \text{GCC\_ref}$

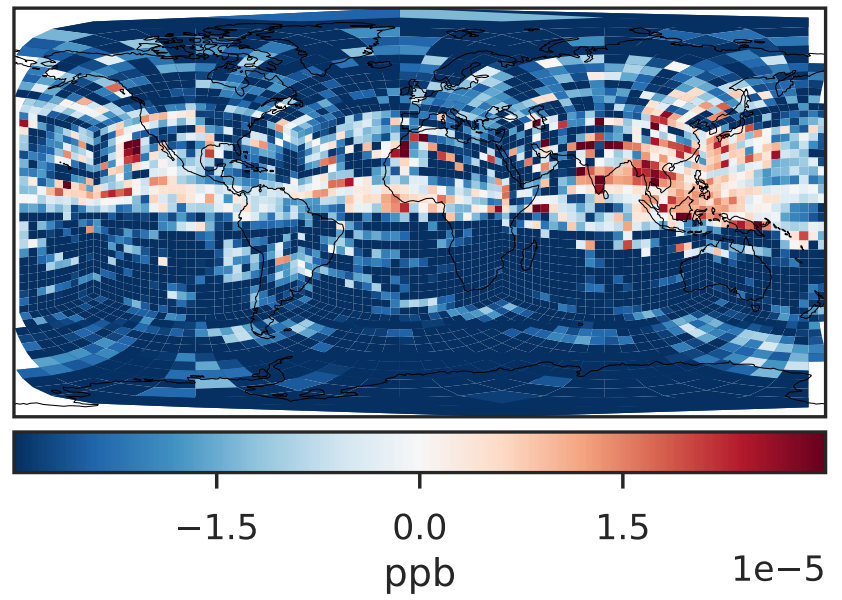


# SpeciesConcVV\_CFCs

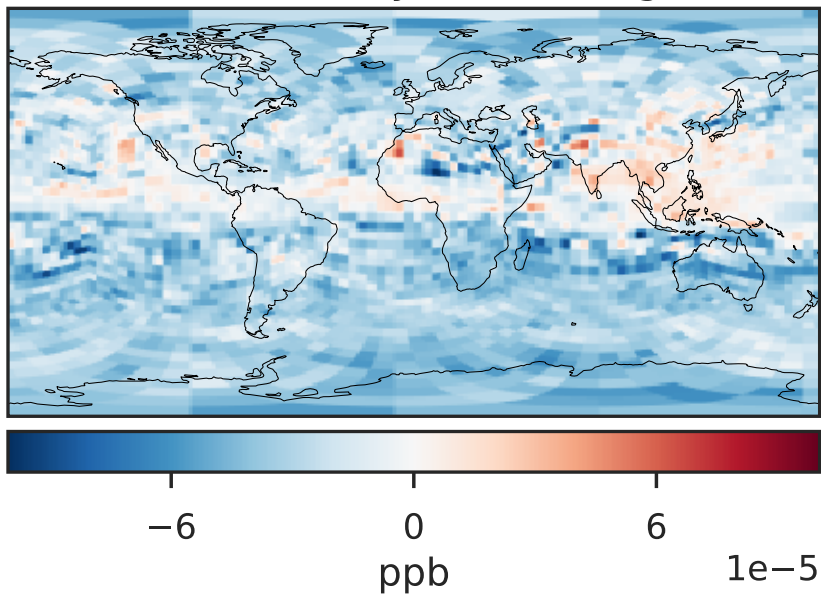
gcc-4x5-1Mon-14.2.0-alpha.20 -  
gcc-4x5-1Mon-14.1.1 (Ref)  
4.0x5.0



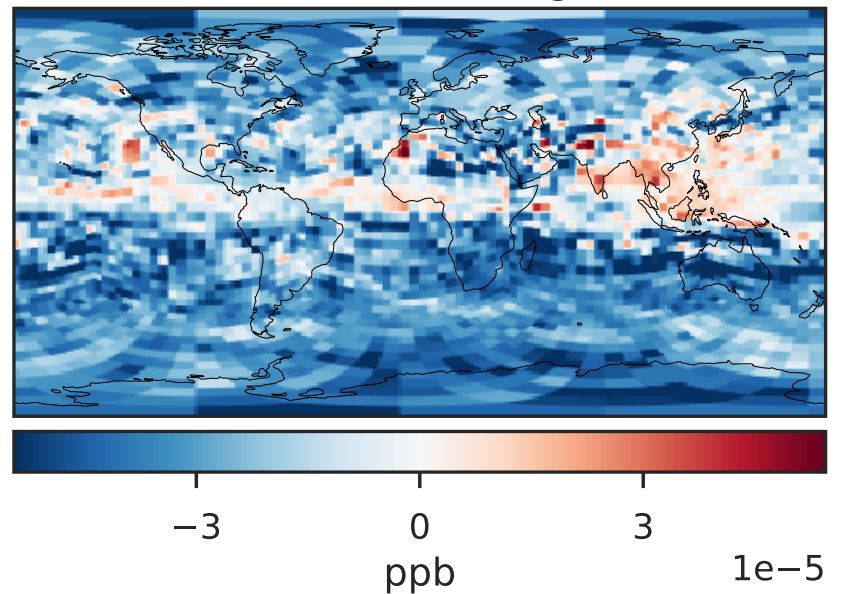
gchp-c24-1Mon-14.2.0-alpha.20 -  
gchp-c24-1Mon-14.1.1 (Dev)  
c24



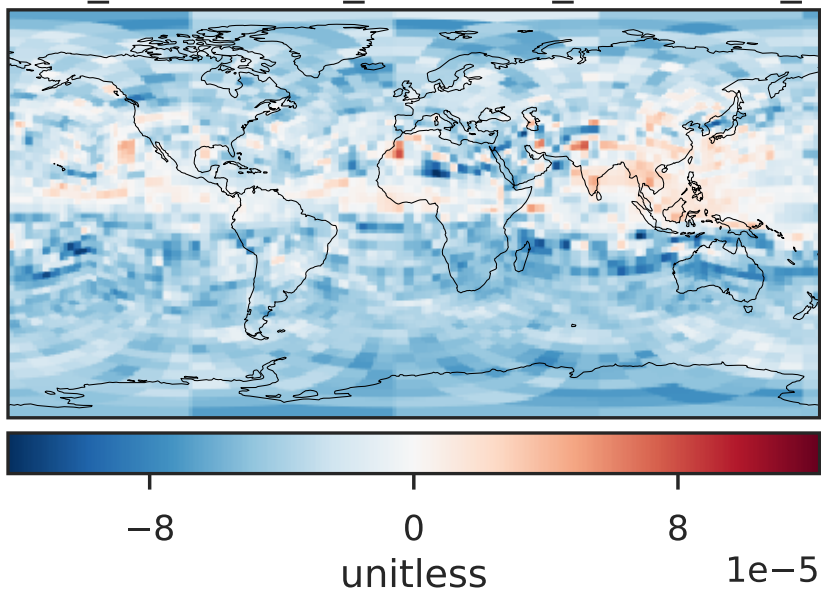
Difference (1x1.25)  
Dev - Ref, Dynamic Range



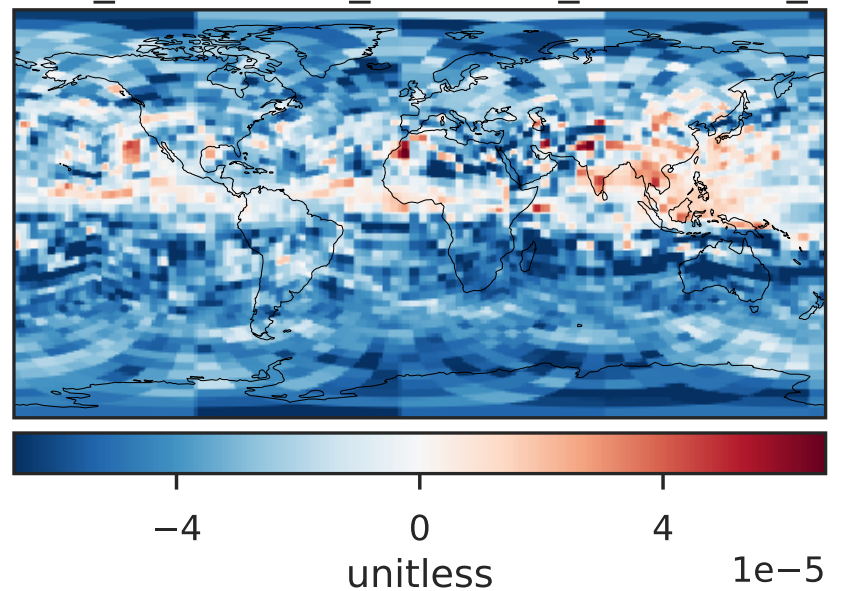
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

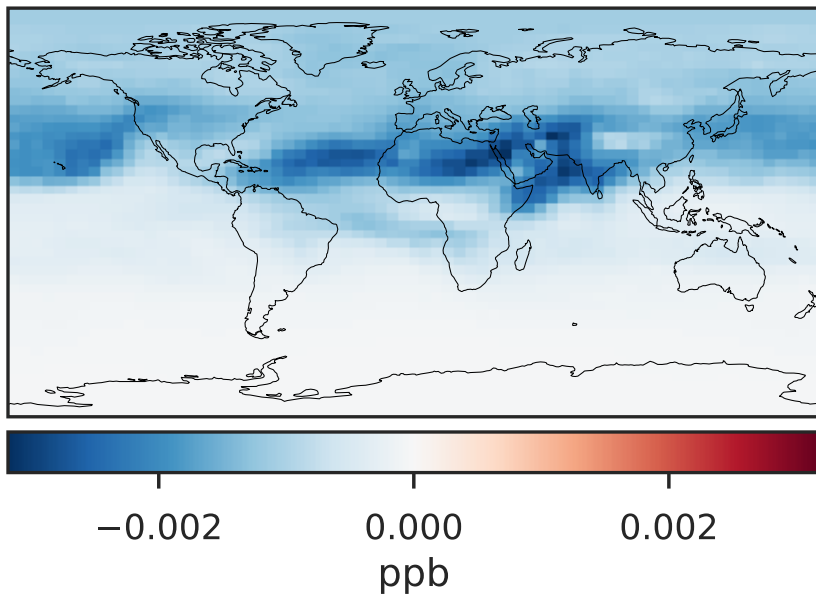


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

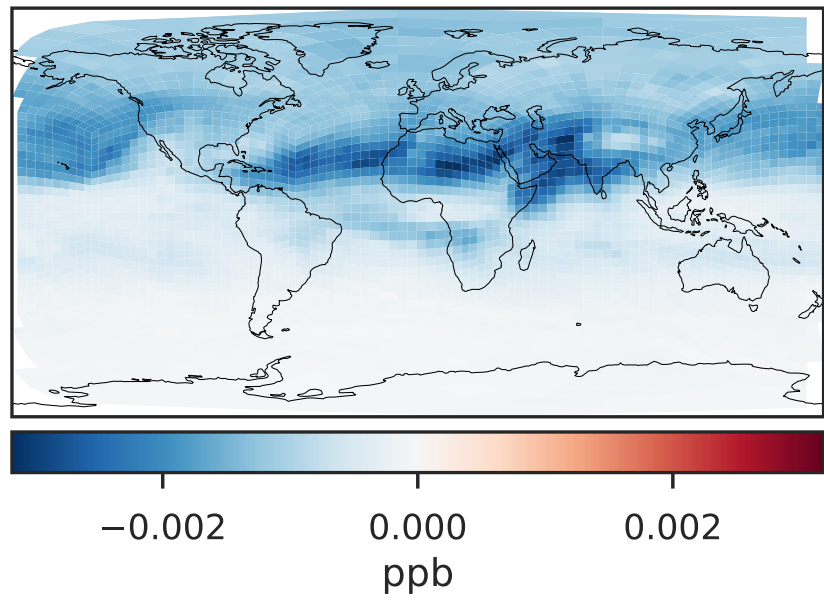


# SpeciesConcVV\_CH3Cl

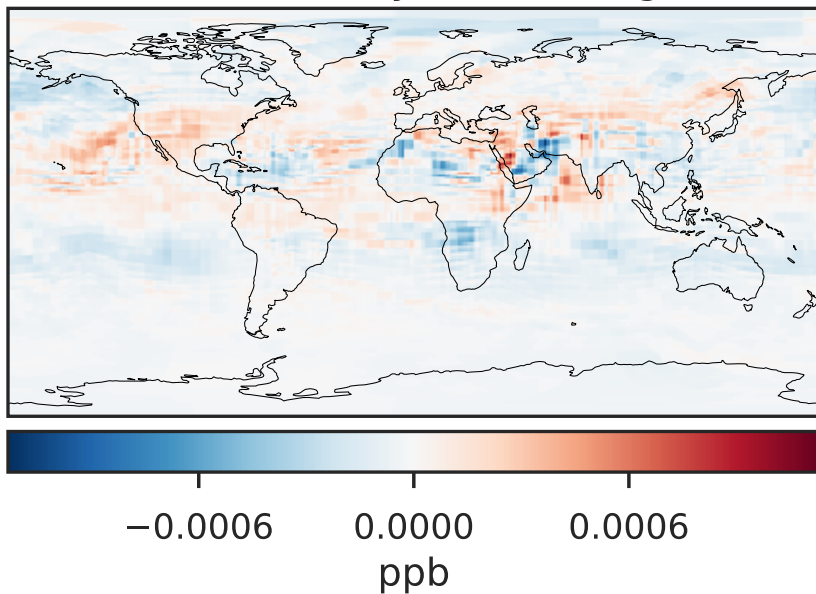
gcc-4x5-1Mon-14.2.0-alpha.20 -  
gcc-4x5-1Mon-14.1.1 (Ref)  
4.0x5.0



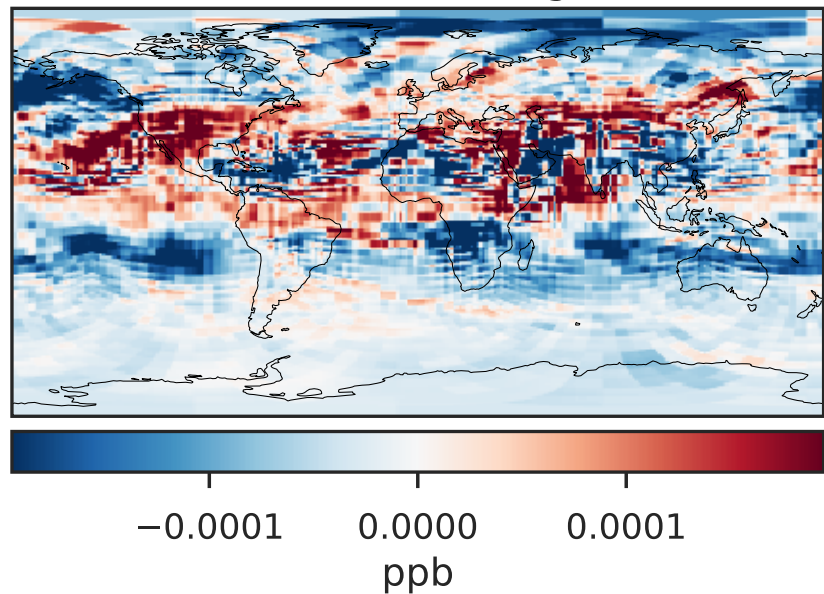
gchp-c24-1Mon-14.2.0-alpha.20 -  
gchp-c24-1Mon-14.1.1 (Dev)  
c24



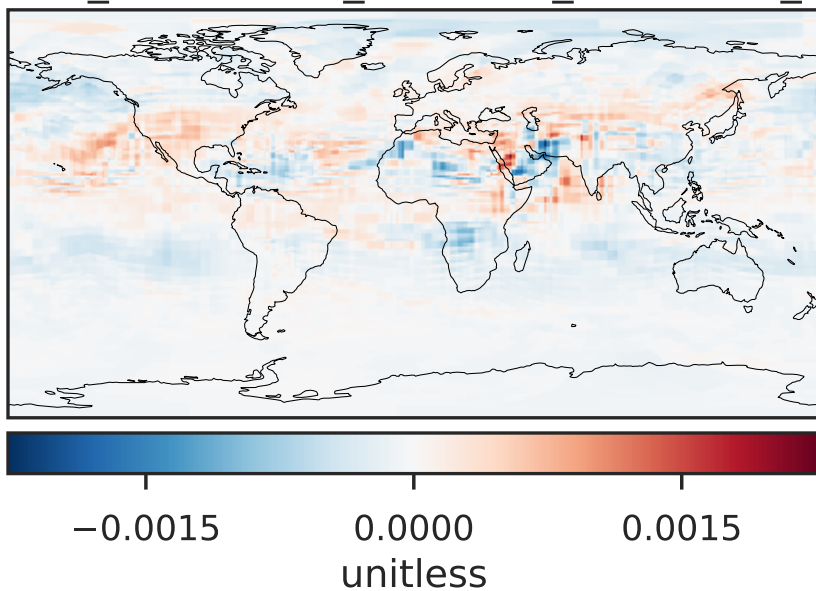
Difference (1x1.25)  
Dev - Ref, Dynamic Range



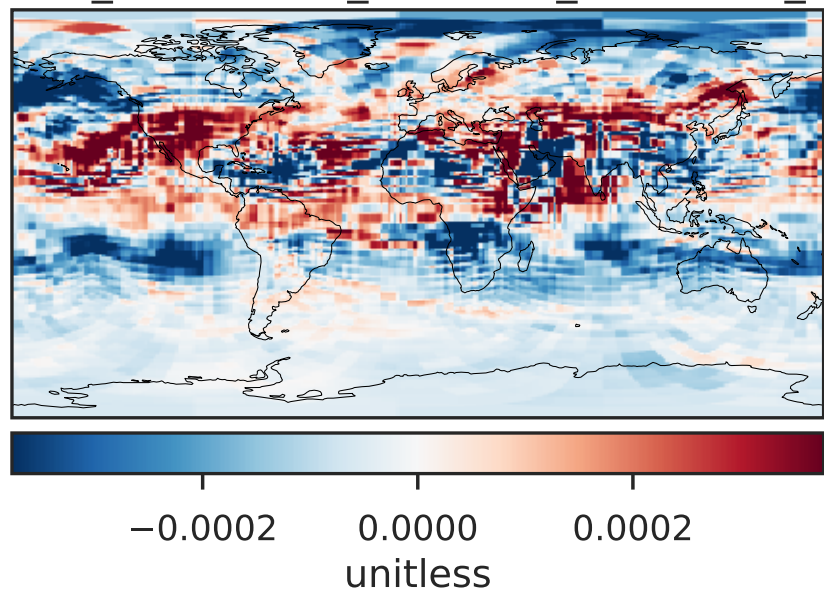
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

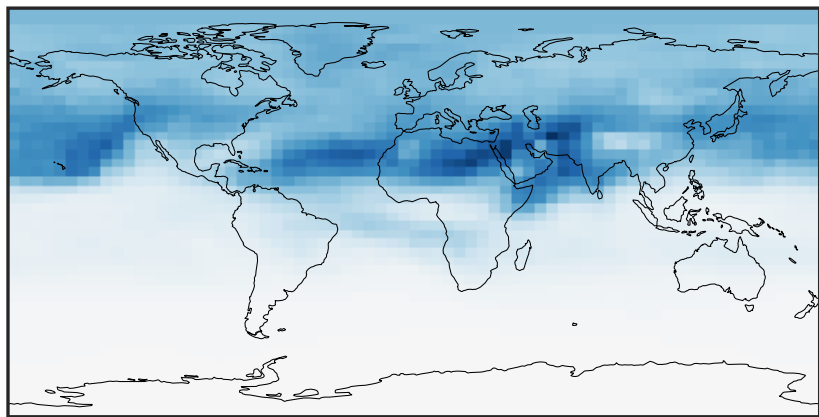


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



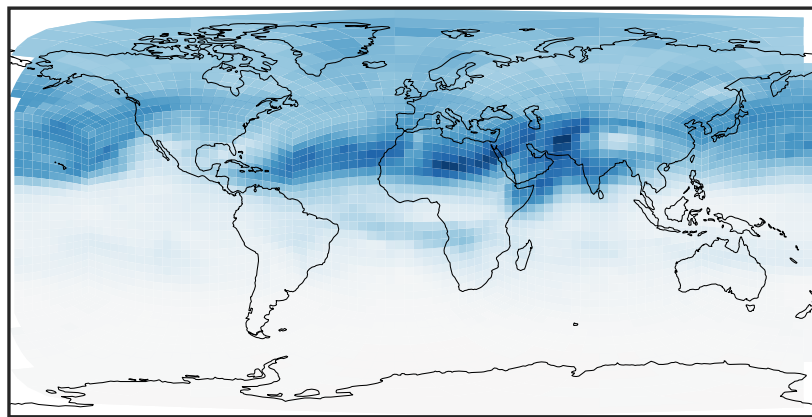
# SpeciesConcVW\_CH2Cl2

gcc-4x5-1Mon-14.2.0-alpha.20 -  
gcc-4x5-1Mon-14.1.1 (Ref)  
4.0x5.0



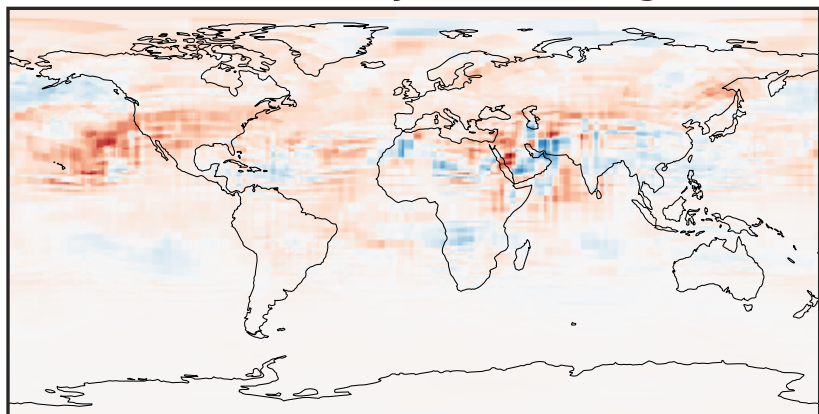
-0.0005 0.0000 0.0005  
ppb

gchp-c24-1Mon-14.2.0-alpha.20 -  
gchp-c24-1Mon-14.1.1 (Dev)  
c24



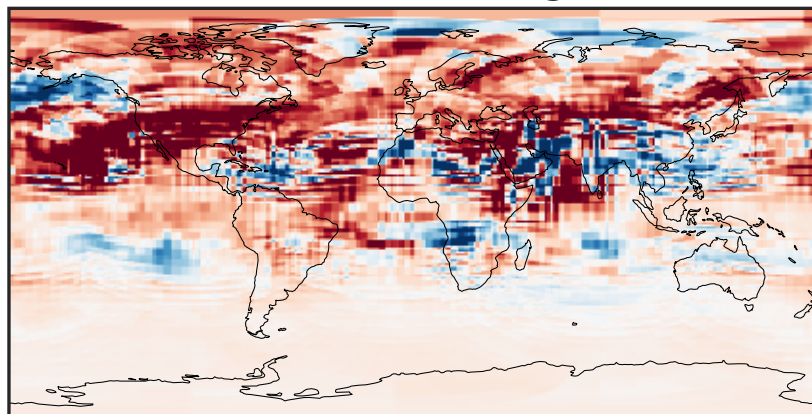
-0.0005 0.0000 0.0005  
ppb

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



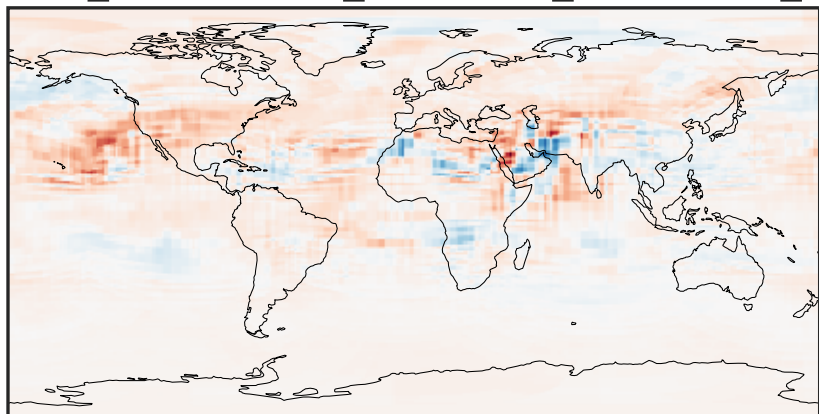
-0.00015 0.00000 0.00015  
ppb

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



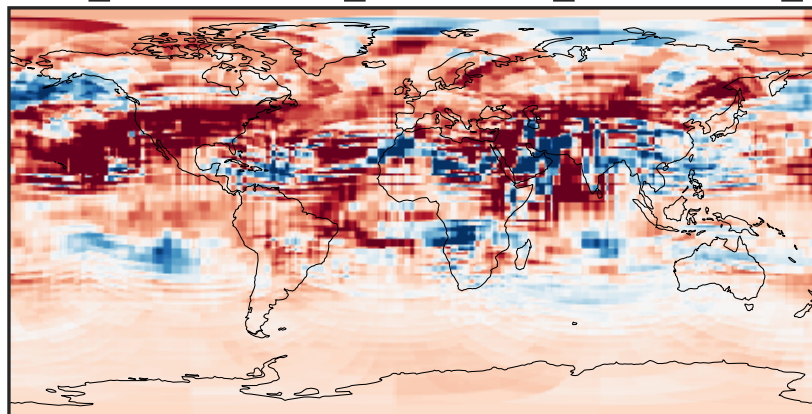
-4 0 4  
ppb 1e-5

Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



-0.005 0.000 0.005  
unitless

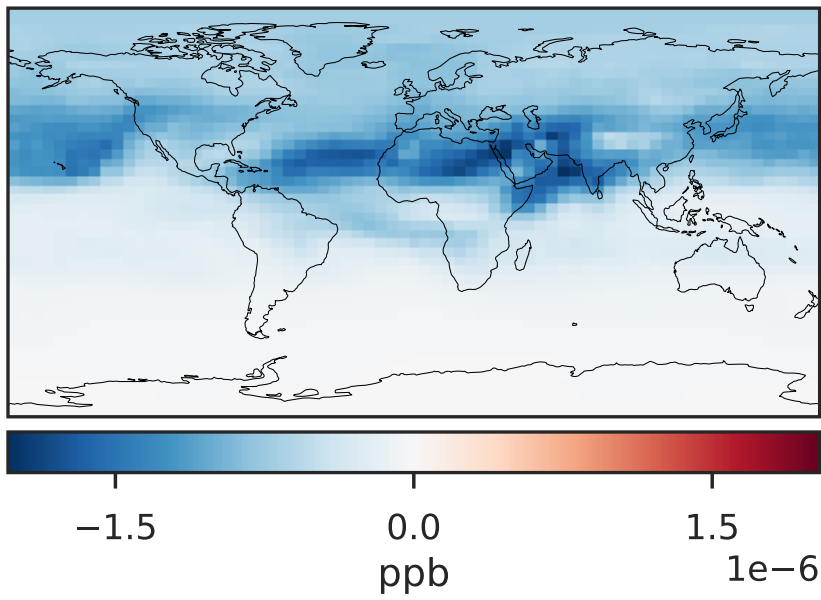
Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



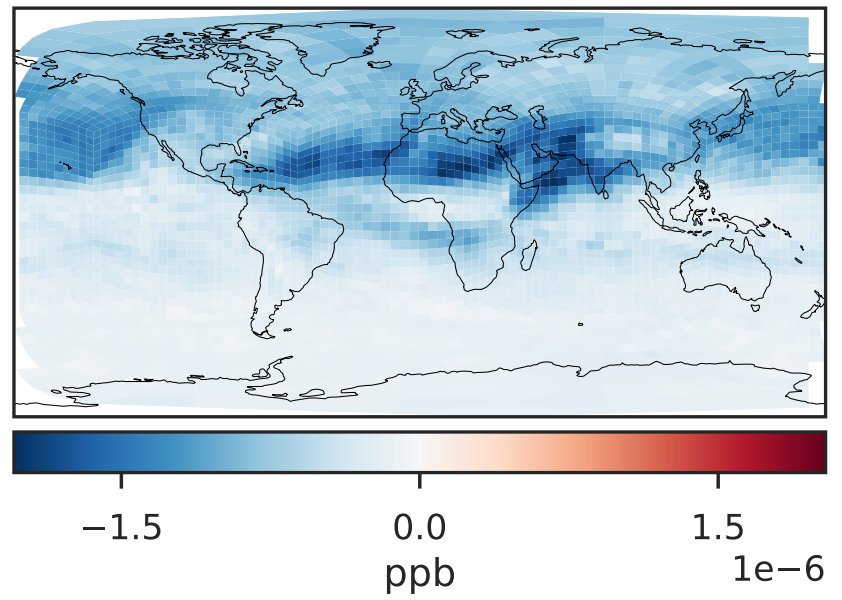
-0.0008 0.0000 0.0008  
unitless

# SpeciesConcVV\_CH3CCI3

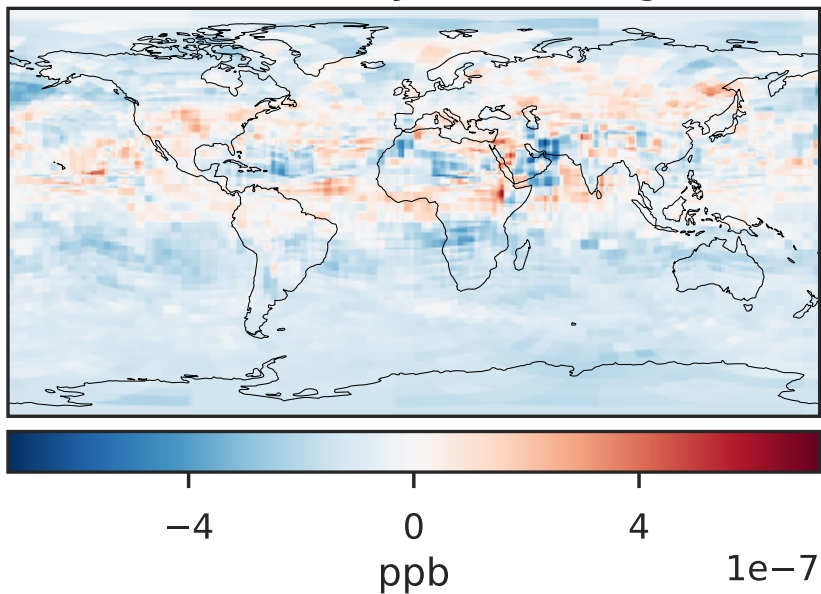
gcc-4x5-1Mon-14.2.0-alpha.20 -  
gcc-4x5-1Mon-14.1.1 (Ref)  
4.0x5.0



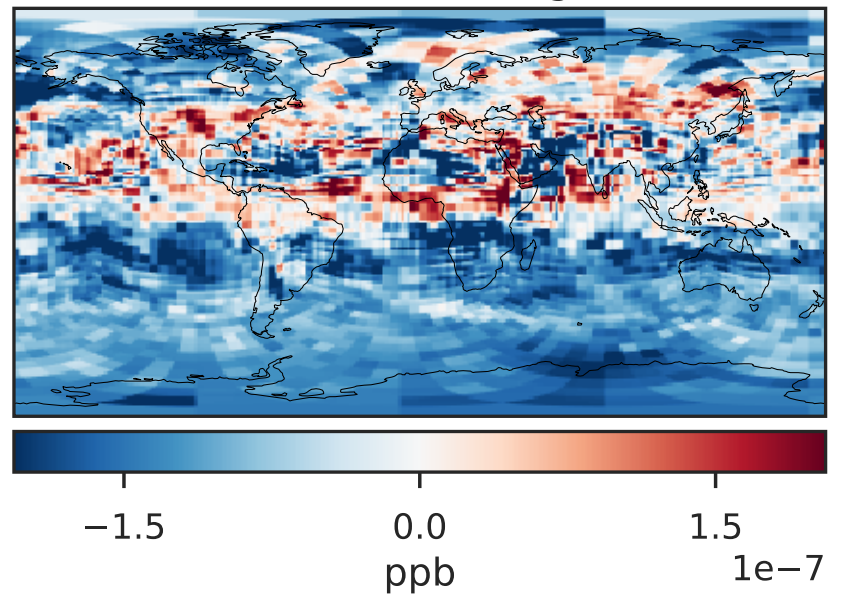
gchp-c24-1Mon-14.2.0-alpha.20 -  
gchp-c24-1Mon-14.1.1 (Dev)  
c24



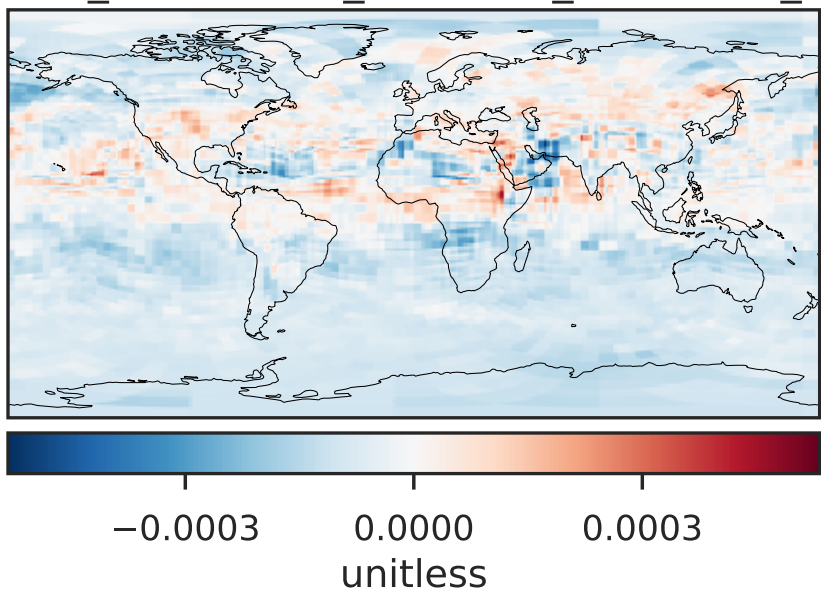
Difference (1x1.25)  
Dev - Ref, Dynamic Range



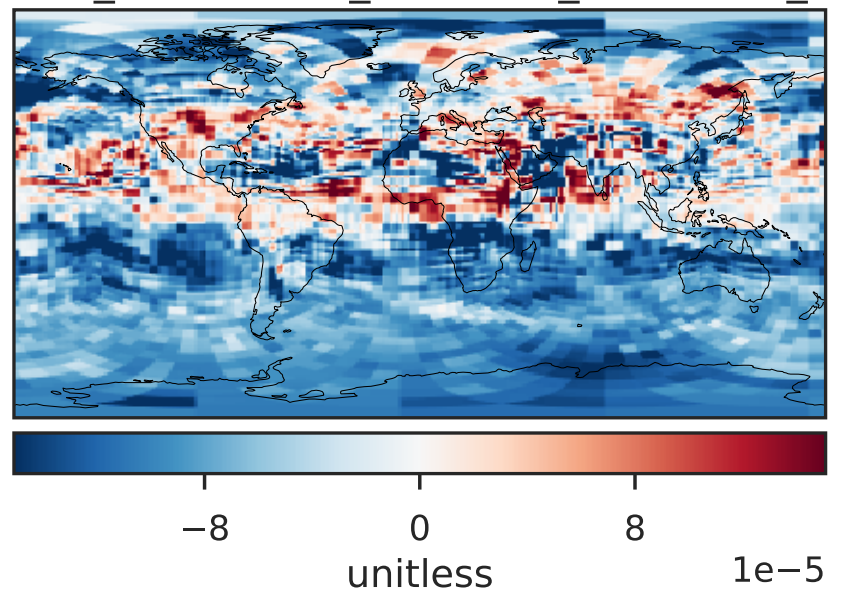
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

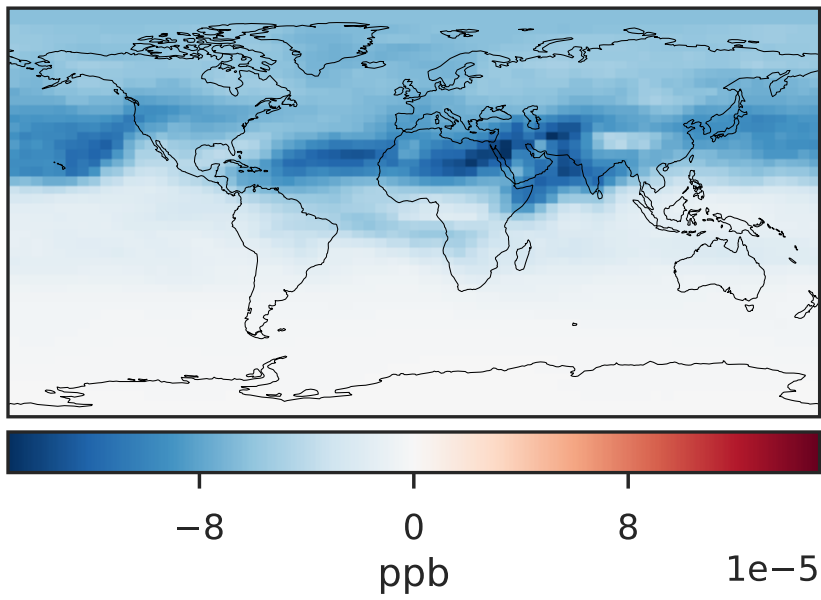


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

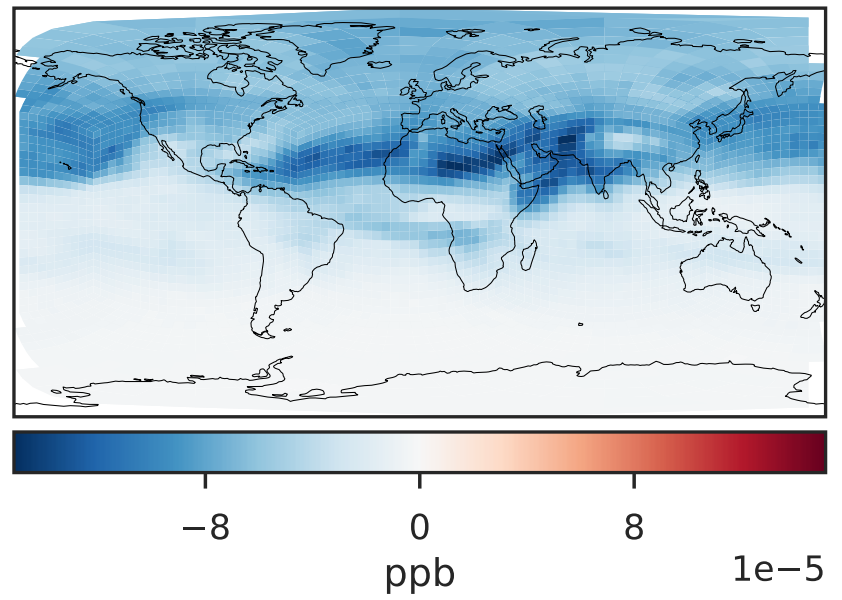


# SpeciesConcVV\_CHCl3

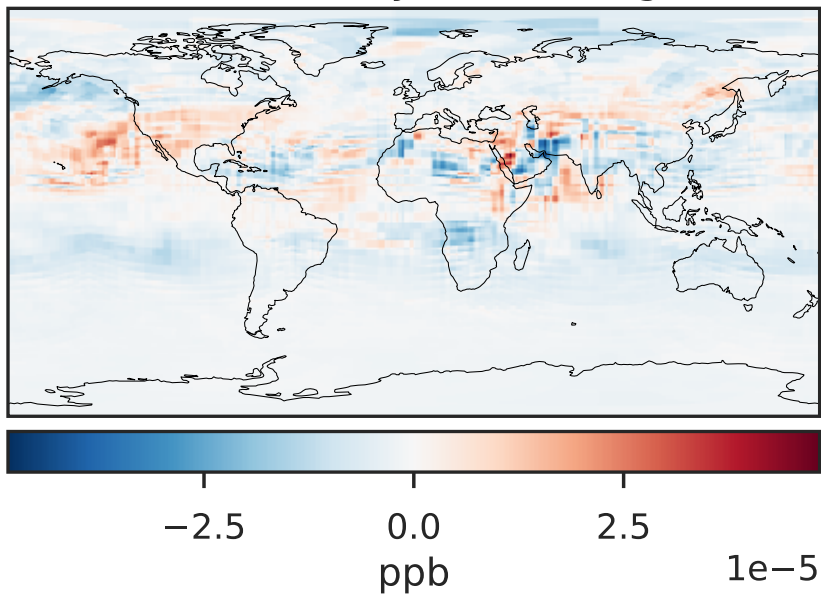
gcc-4x5-1Mon-14.2.0-alpha.20 -  
gcc-4x5-1Mon-14.1.1 (Ref)  
4.0x5.0



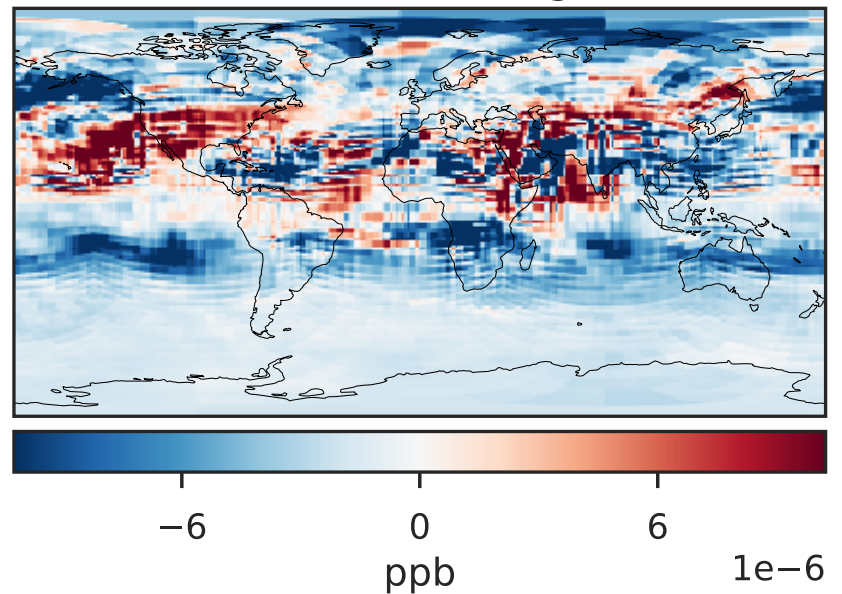
gchp-c24-1Mon-14.2.0-alpha.20 -  
gchp-c24-1Mon-14.1.1 (Dev)  
c24



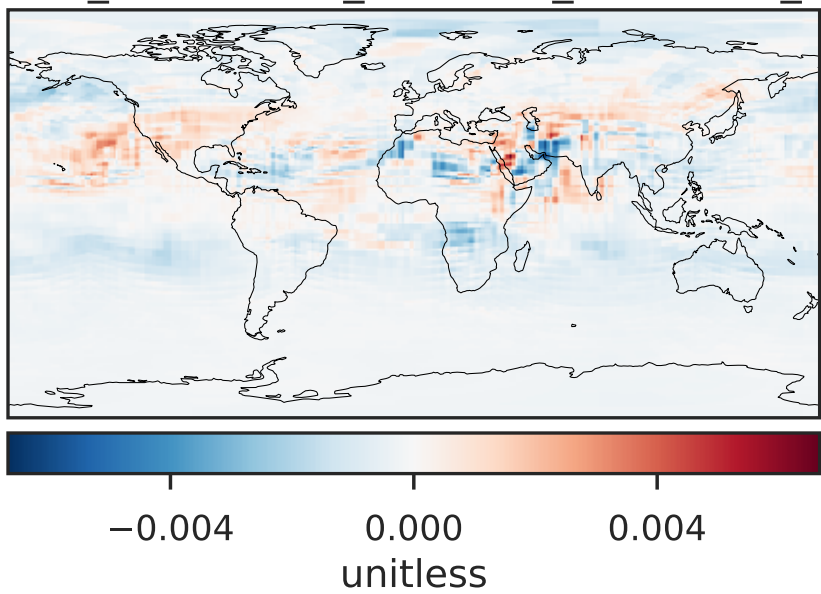
Difference (1x1.25)  
Dev - Ref, Dynamic Range



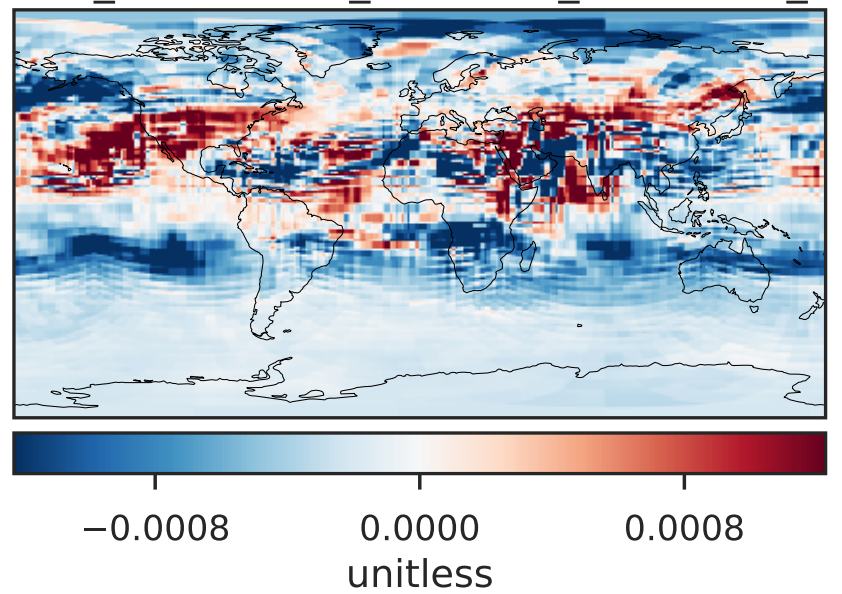
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

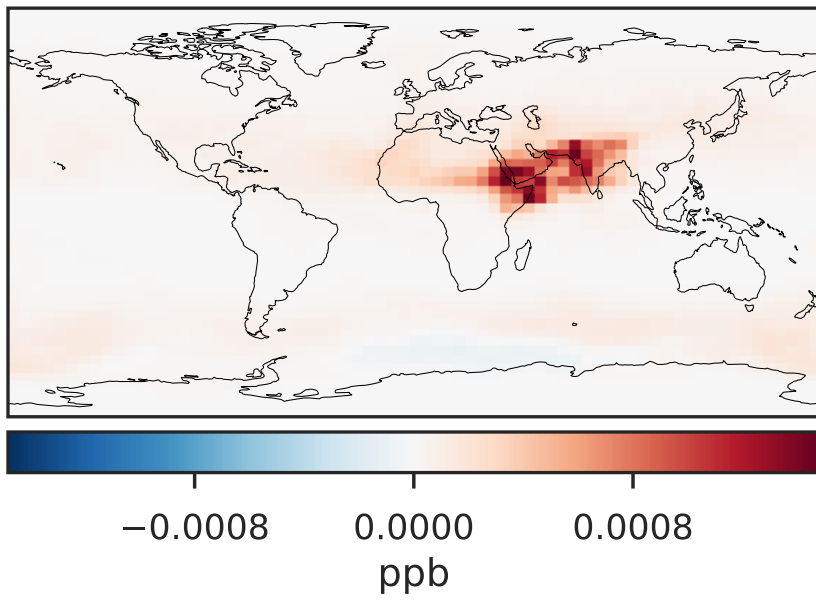


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

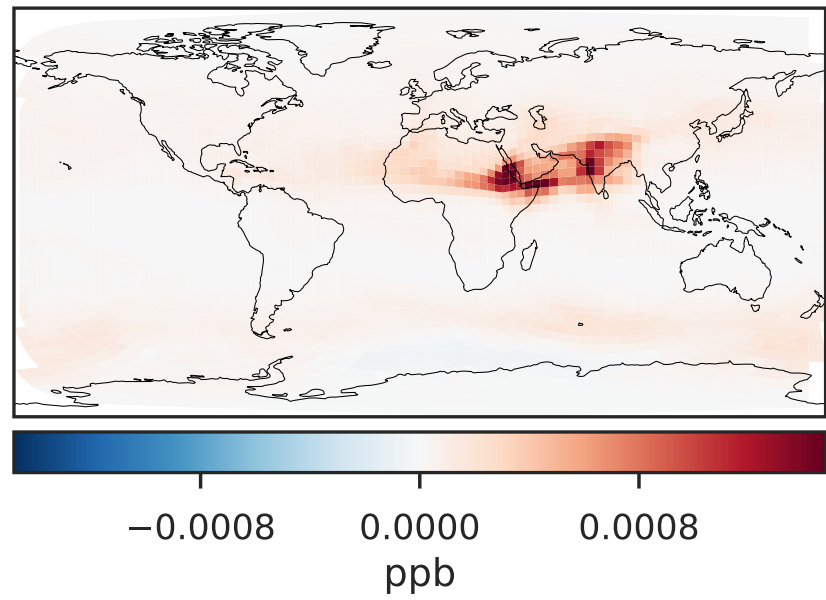


# SpeciesConcVV\_HOCl

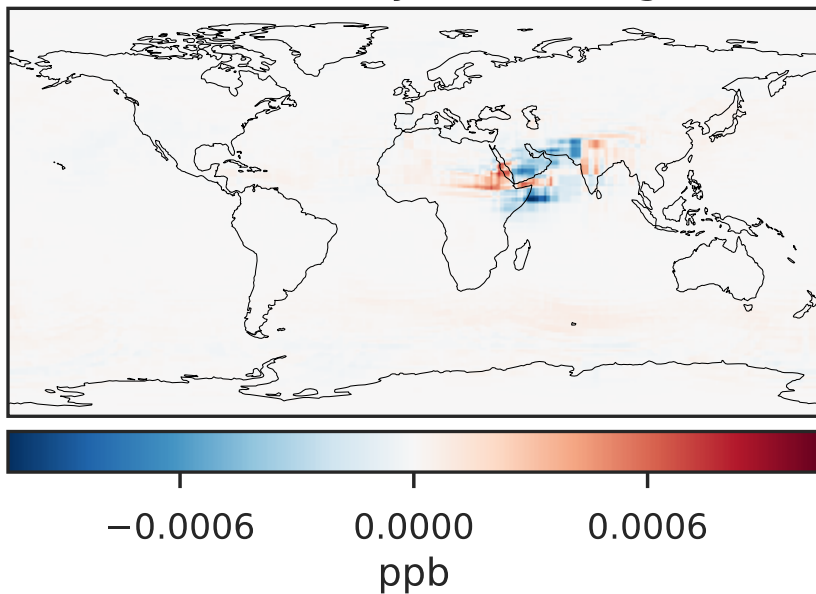
gcc-4x5-1Mon-14.2.0-alpha.20 -  
gcc-4x5-1Mon-14.1.1 (Ref)  
4.0x5.0



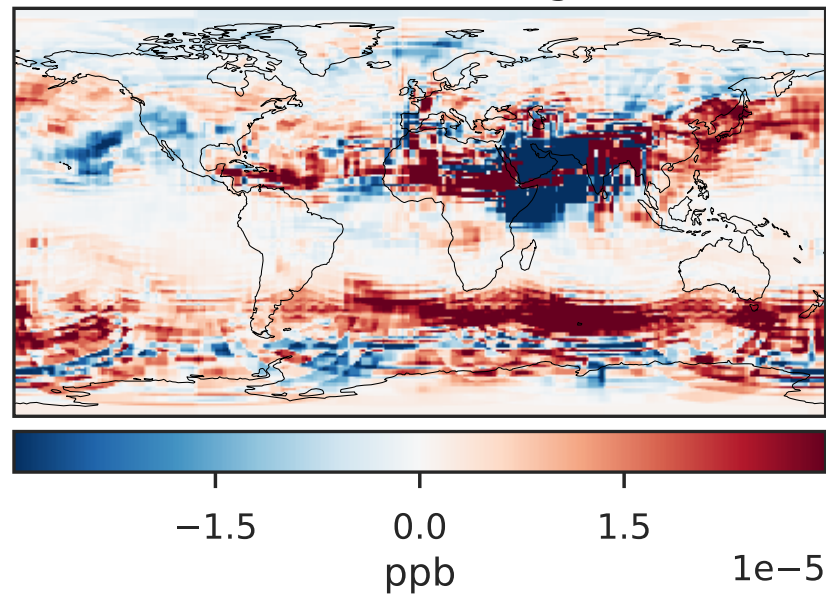
gchp-c24-1Mon-14.2.0-alpha.20 -  
gchp-c24-1Mon-14.1.1 (Dev)  
c24



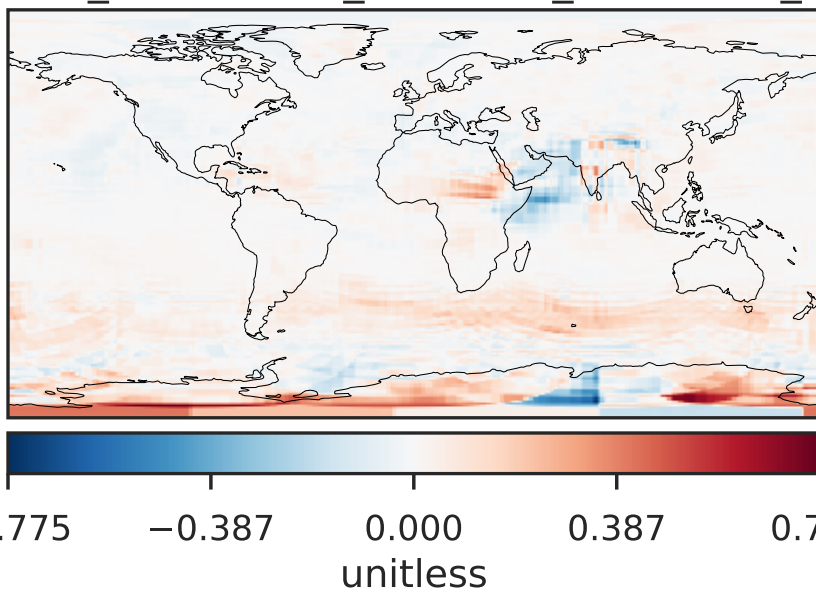
Difference (1x1.25)  
Dev - Ref, Dynamic Range



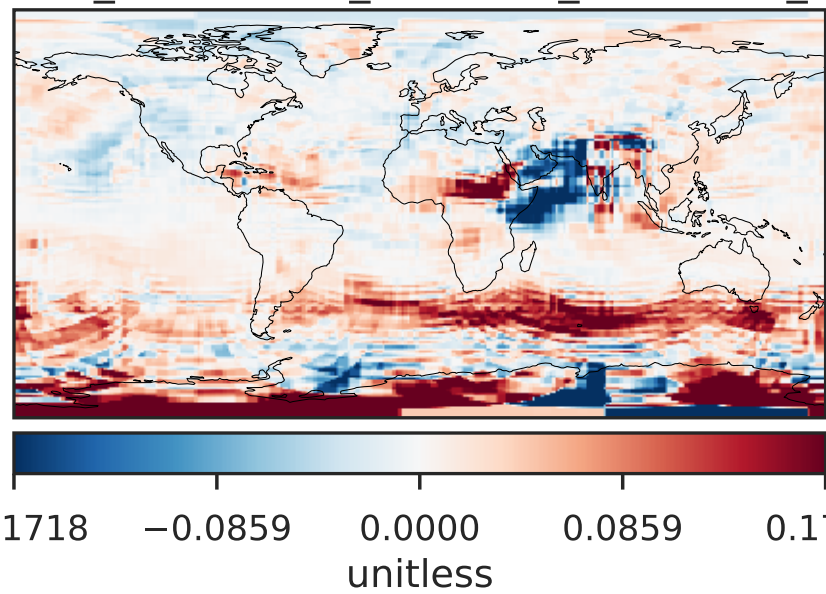
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



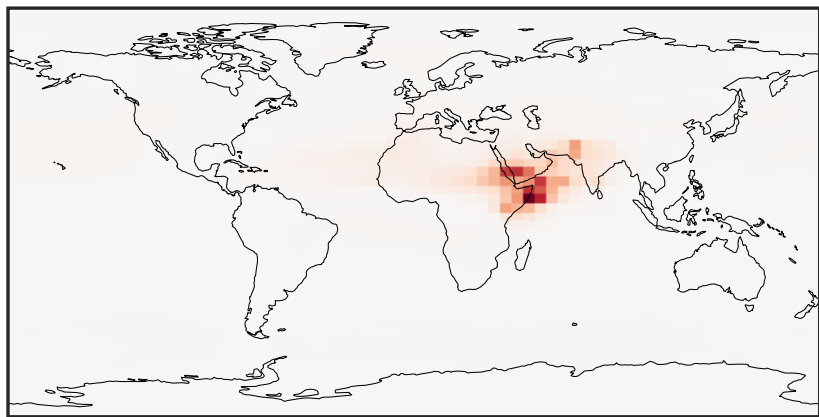
Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref





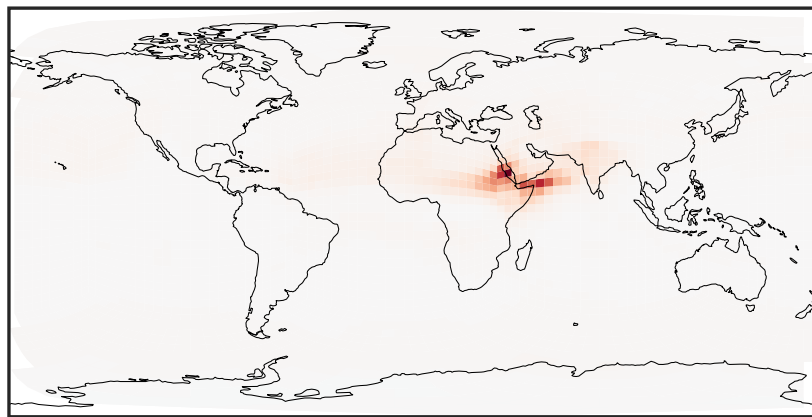
# SpeciesConcVV\_HCl

gcc-4x5-1Mon-14.2.0-alpha.20 -  
gcc-4x5-1Mon-14.1.1 (Ref)  
4.0x5.0



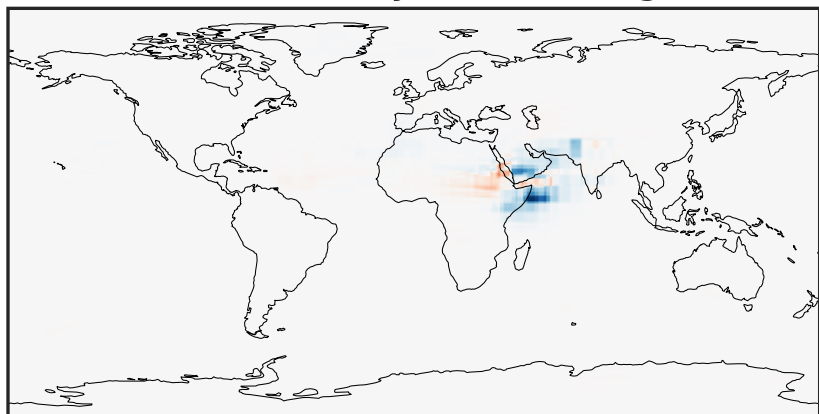
-0.0903 -0.0451 0.0000 0.0451 0.0903  
ppb

gchp-c24-1Mon-14.2.0-alpha.20 -  
gchp-c24-1Mon-14.1.1 (Dev)  
c24



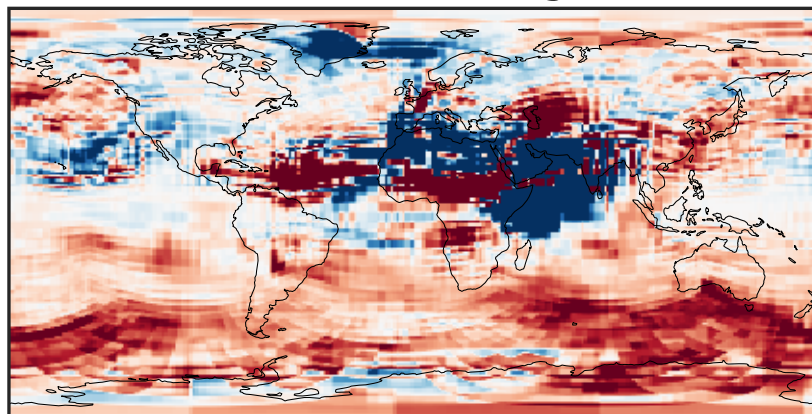
-0.0903 -0.0451 0.0000 0.0451 0.0903  
ppb

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



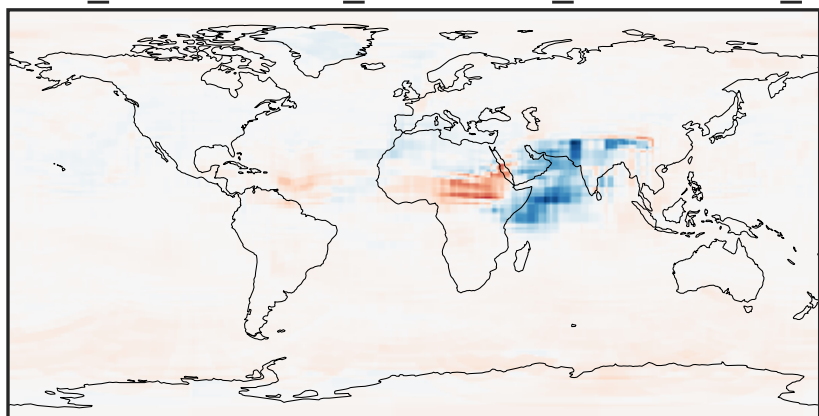
-0.0714 -0.0357 0.0000 0.0357 0.0714  
ppb

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



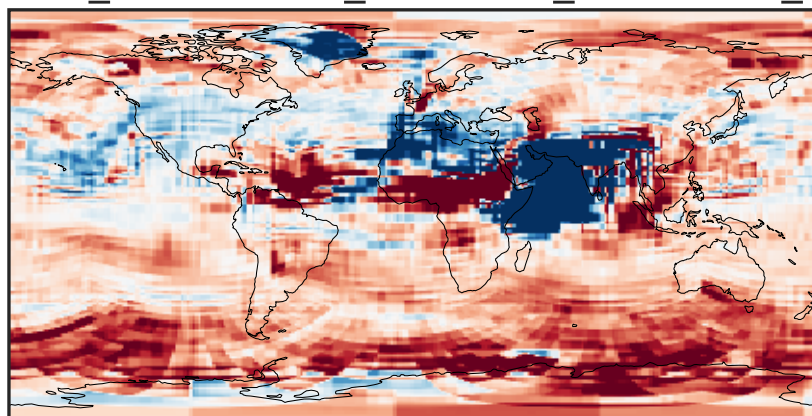
-0.00025 0.00000 0.00025  
ppb

Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



-0.3578 -0.1789 0.0000 0.1789 0.3578  
unitless

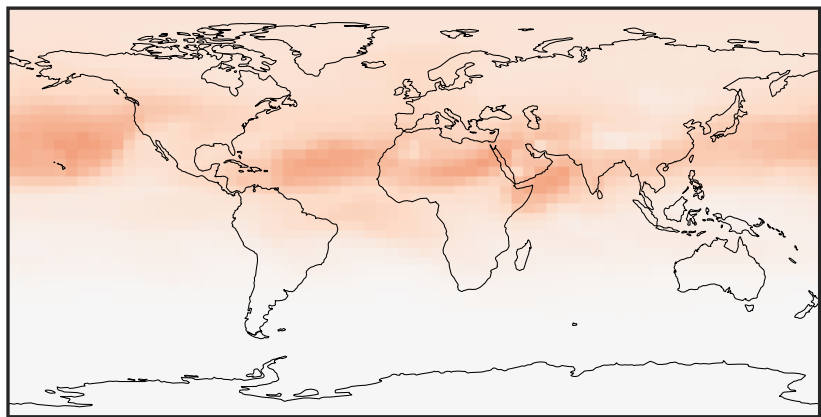
Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



-0.015 0.000 0.015  
unitless

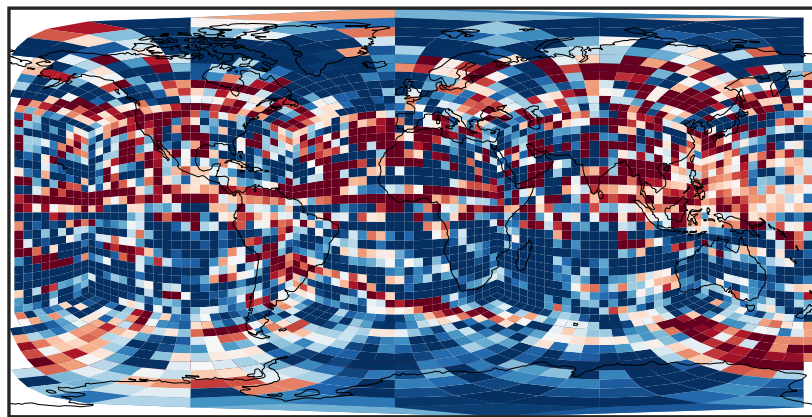
# SpeciesConcVV\_Halons

gcc-4x5-1Mon-14.2.0-alpha.20 -  
gcc-4x5-1Mon-14.1.1 (Ref)  
4.0x5.0



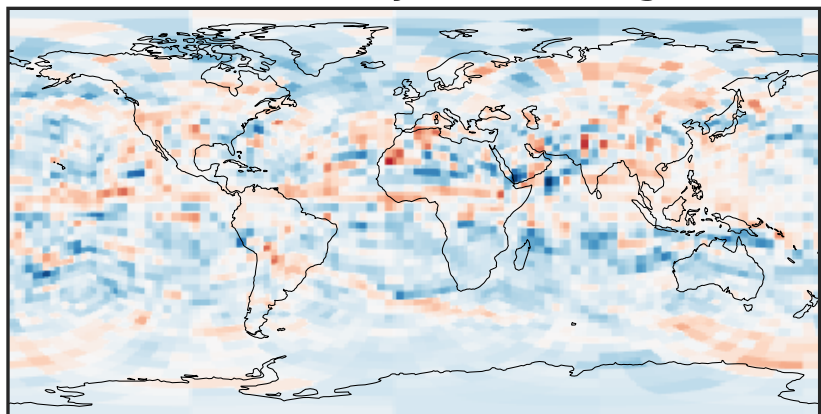
-1.5 0.0 1.5  
ppb 1e-7

gchp-c24-1Mon-14.2.0-alpha.20 -  
gchp-c24-1Mon-14.1.1 (Dev)  
c24



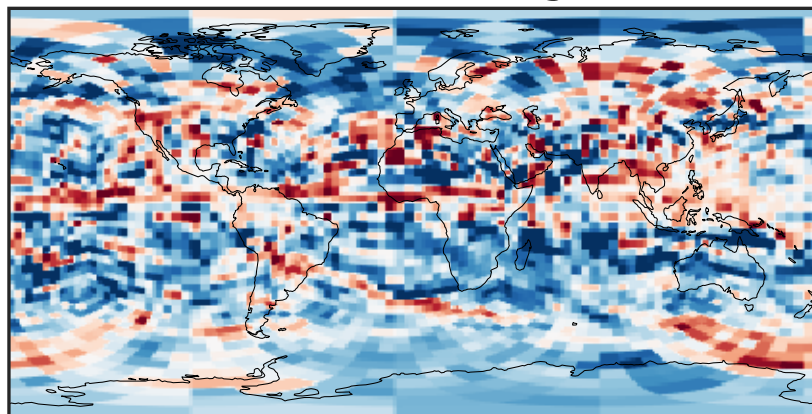
-1.5 0.0 1.5  
ppb 1e-7

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



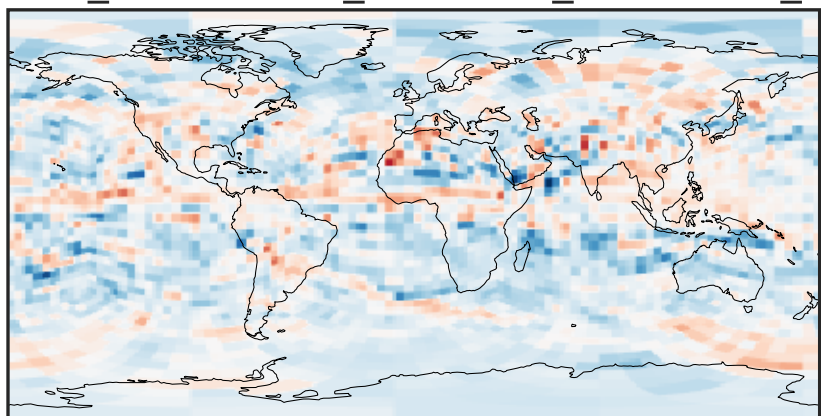
-8 0 8  
ppb 1e-7

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



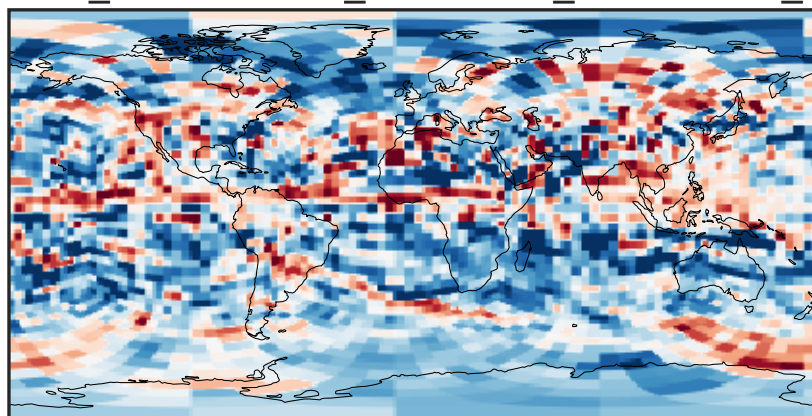
-2.5 0.0 2.5  
ppb 1e-7

Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



-0.0001 0.0000 0.0001  
unitless

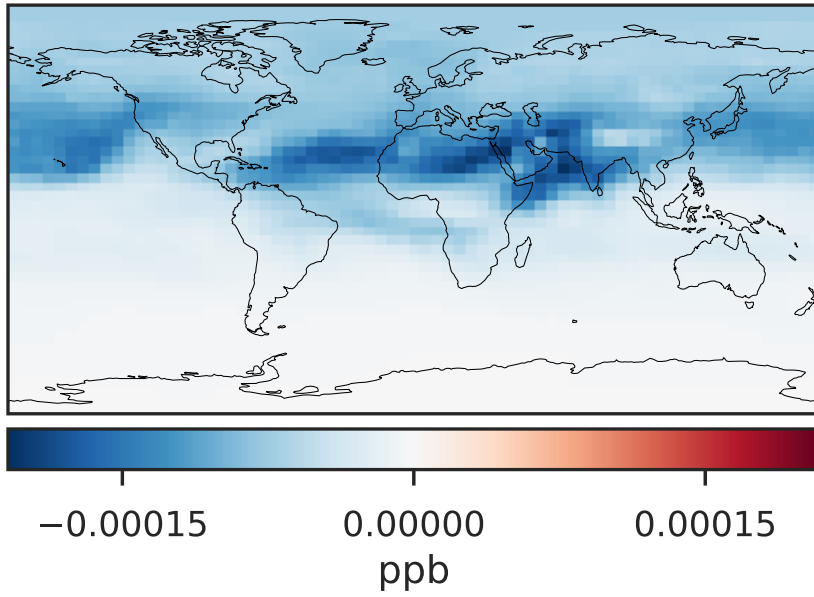
Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



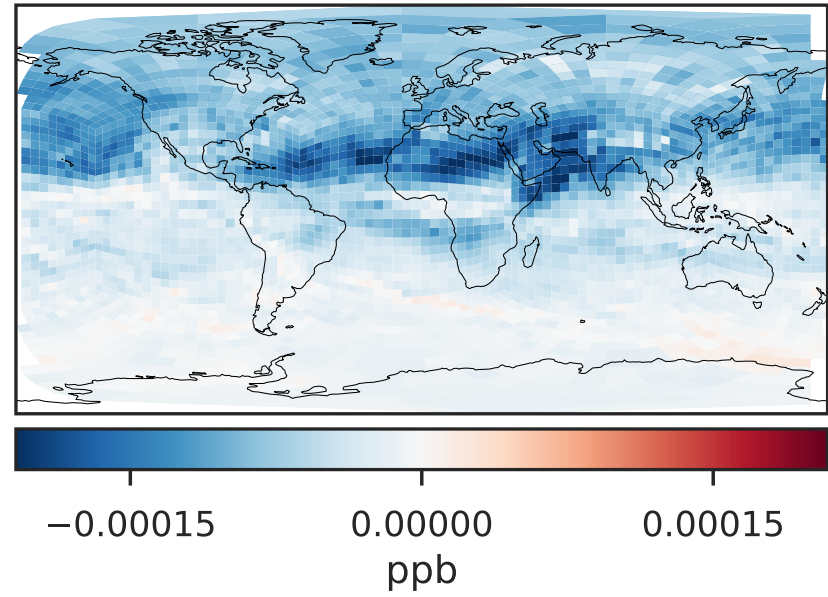
-4 0 4  
unitless 1e-5

# SpeciesConcVW\_HCFCs

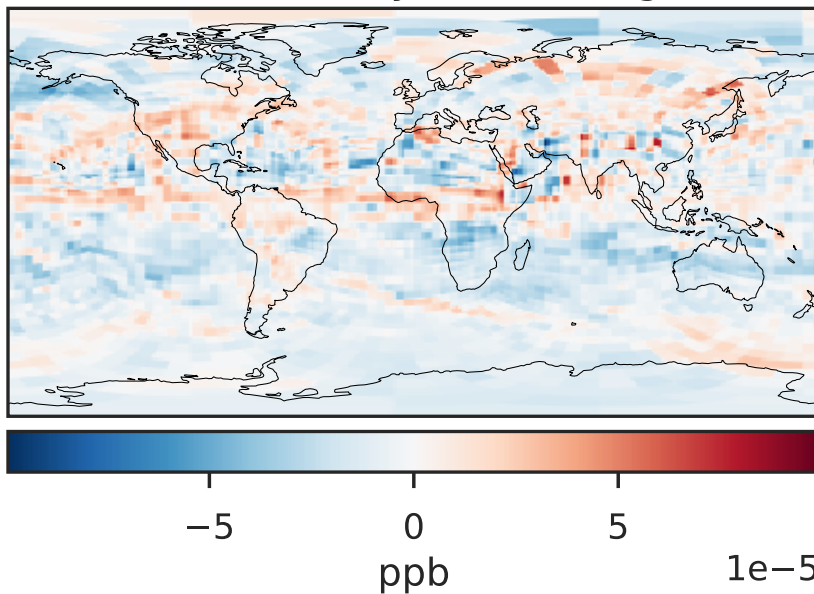
gcc-4x5-1Mon-14.2.0-alpha.20 -  
gcc-4x5-1Mon-14.1.1 (Ref)  
4.0x5.0



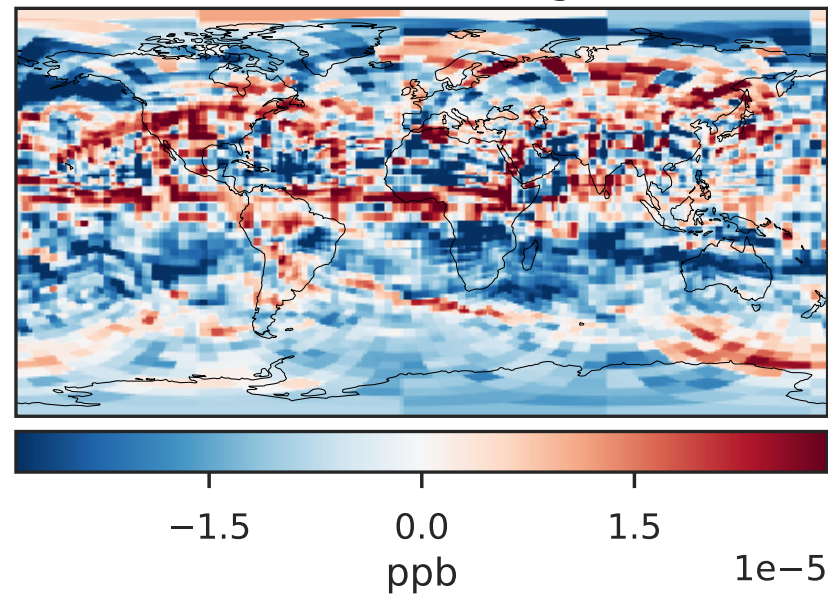
gchp-c24-1Mon-14.2.0-alpha.20 -  
gchp-c24-1Mon-14.1.1 (Dev)  
c24



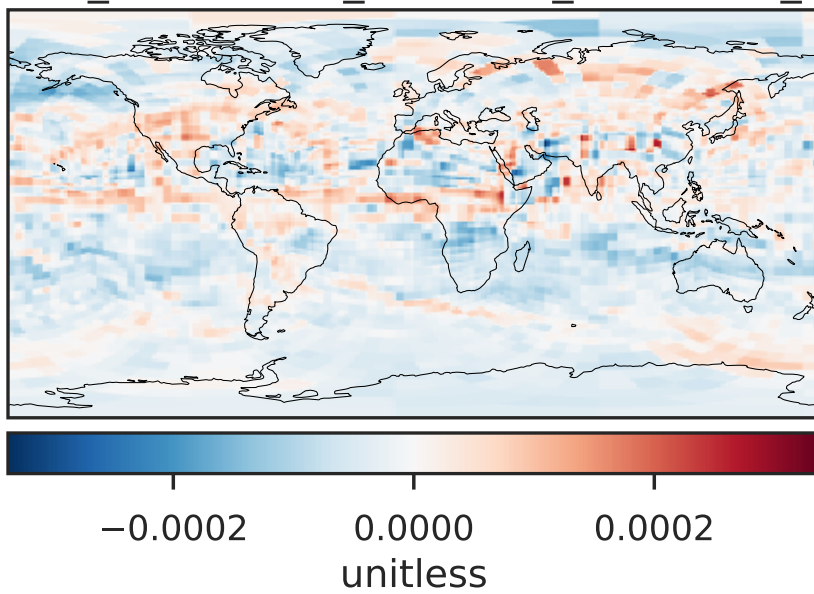
Difference (1x1.25)  
Dev - Ref, Dynamic Range



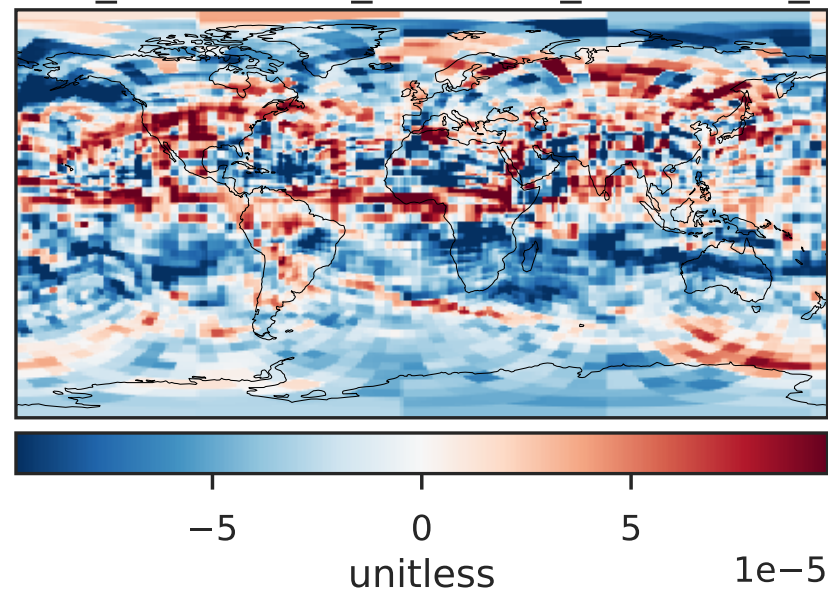
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

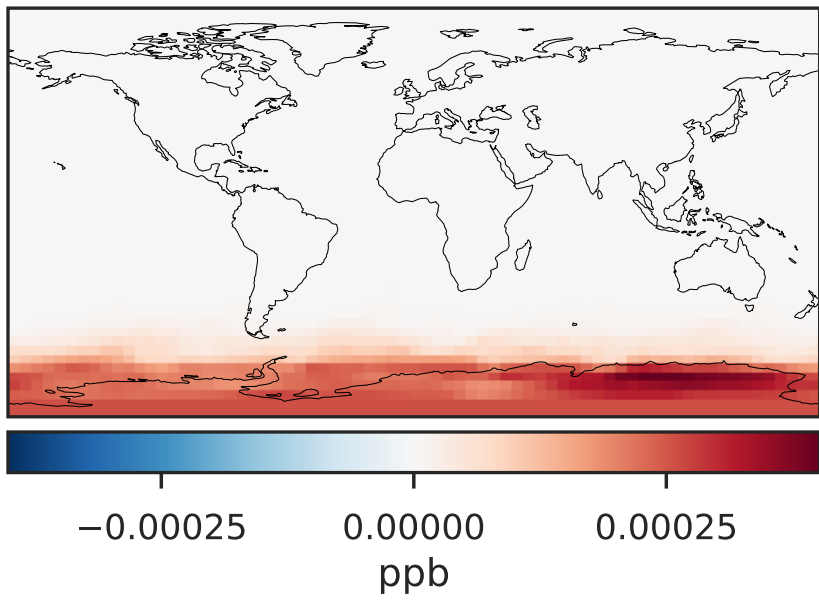


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

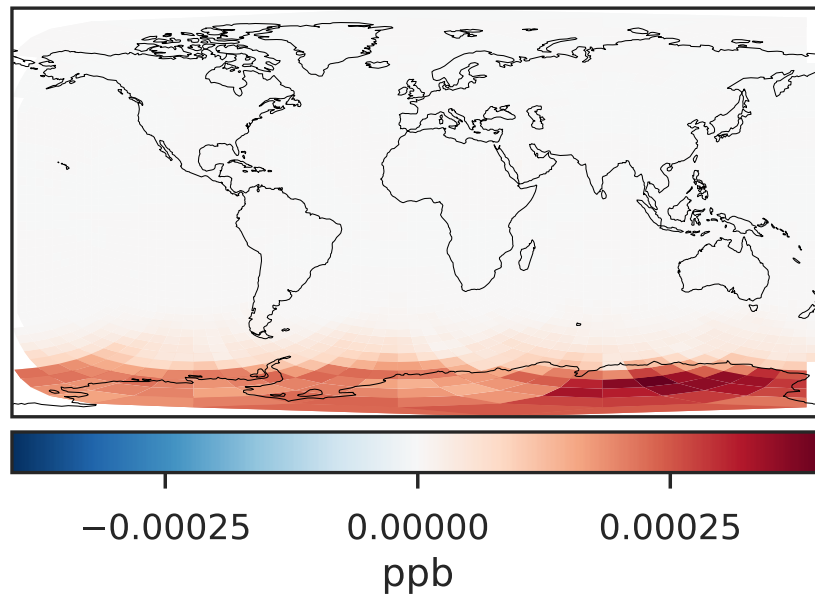


# SpeciesConcVV\_OCIO

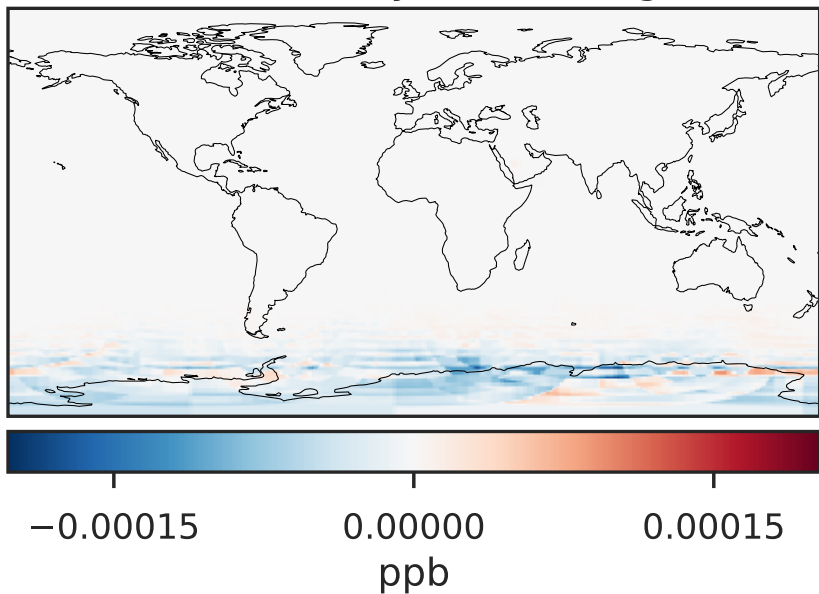
gcc-4x5-1Mon-14.2.0-alpha.20 -  
gcc-4x5-1Mon-14.1.1 (Ref)  
4.0x5.0



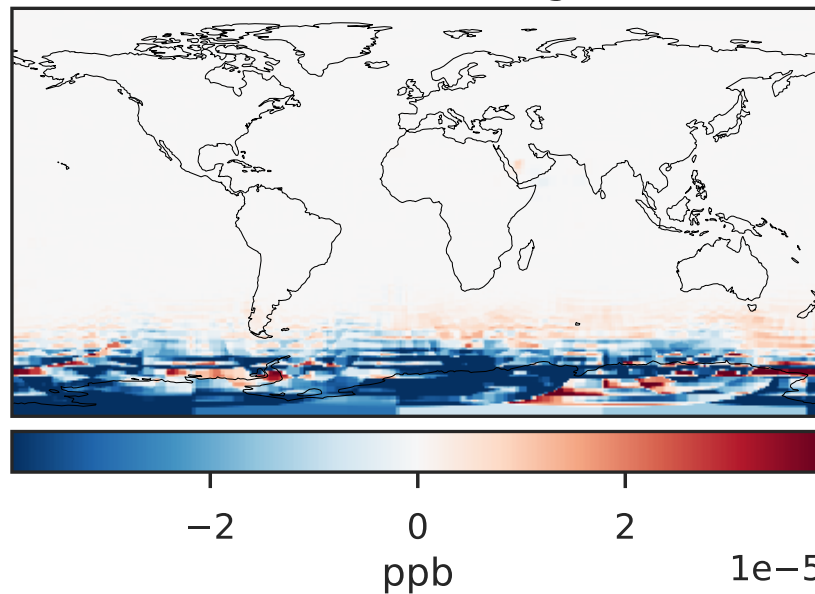
gchp-c24-1Mon-14.2.0-alpha.20 -  
gchp-c24-1Mon-14.1.1 (Dev)  
c24



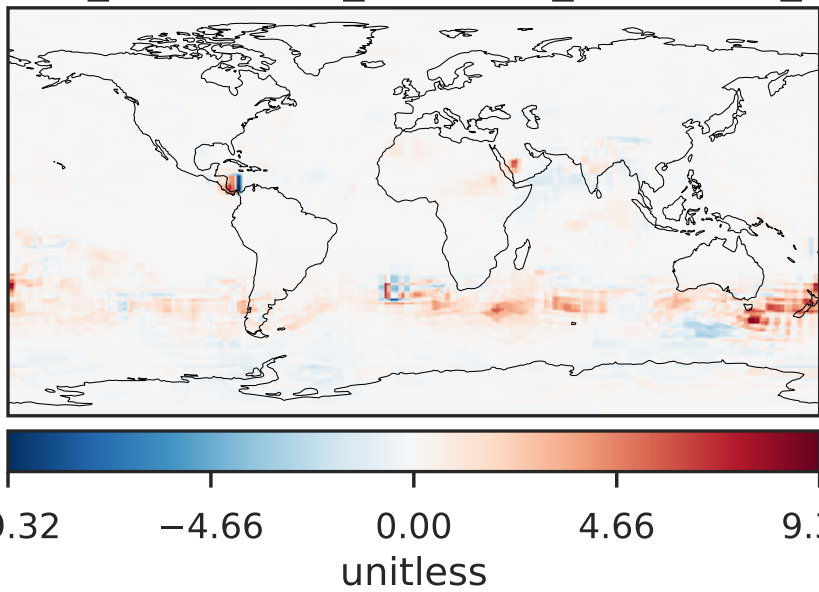
Difference (1x1.25)  
Dev - Ref, Dynamic Range



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



Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

