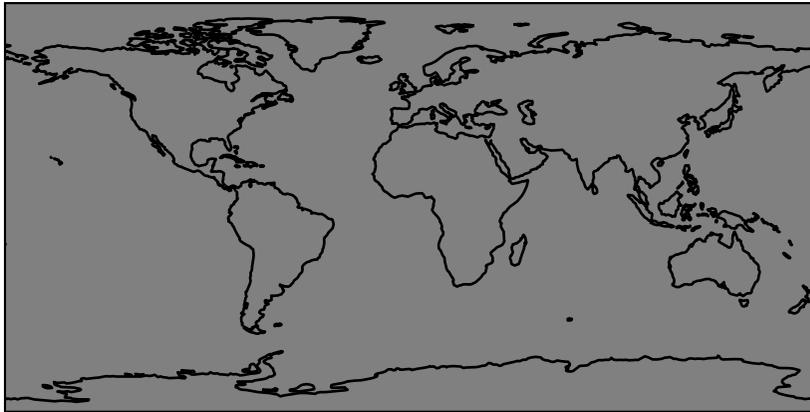


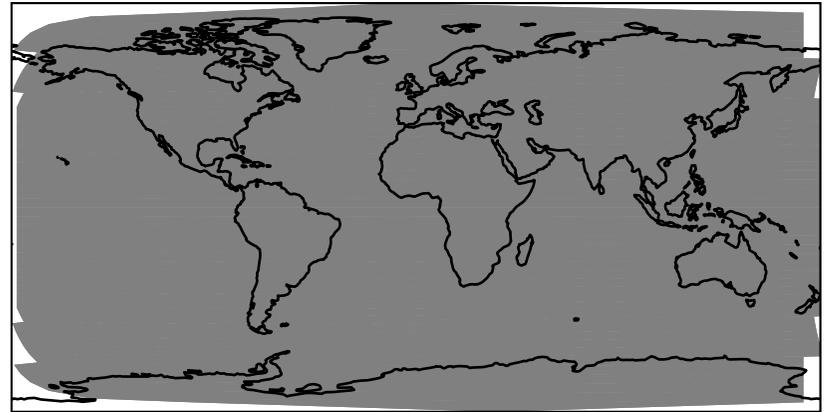
# SpeciesConcVV\_DST1 (Jan2019)

gcc.14.7.0-rc.0\_-\_gcc.14.5.0-rc.0 (Ref)  
4.0x5.0



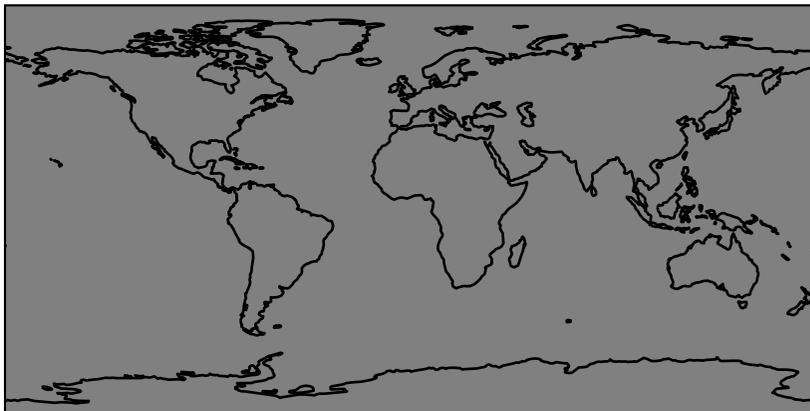
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ppb

gchp.14.7.0-rc.0\_-\_gchp.14.5.0-rc.0 (Dev)  
c24



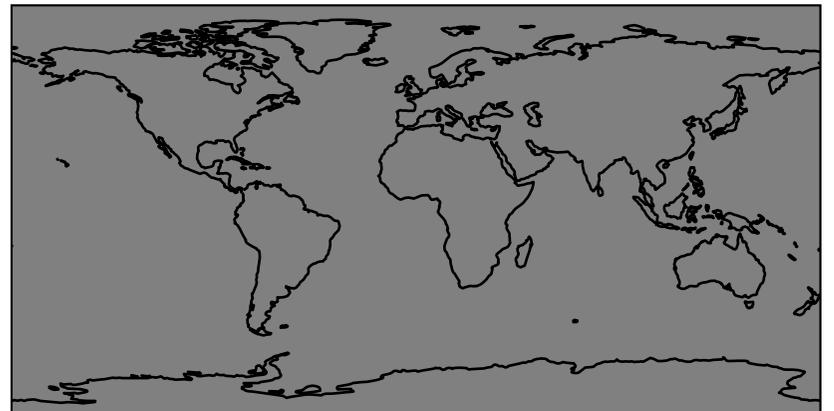
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Difference (1x1.25)  
Dev - Ref, Dynamic Range



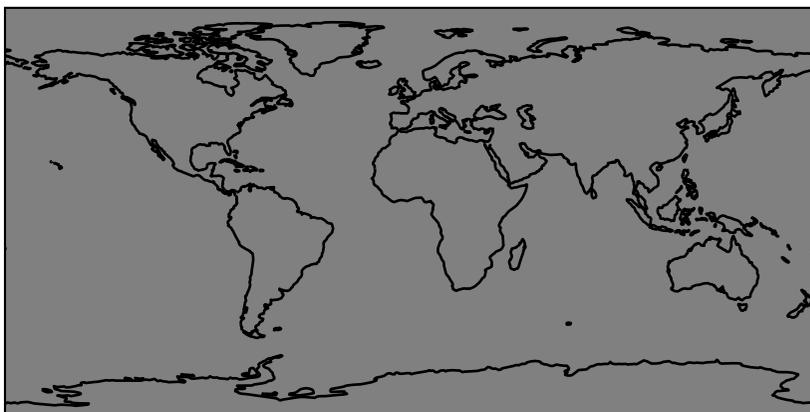
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Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



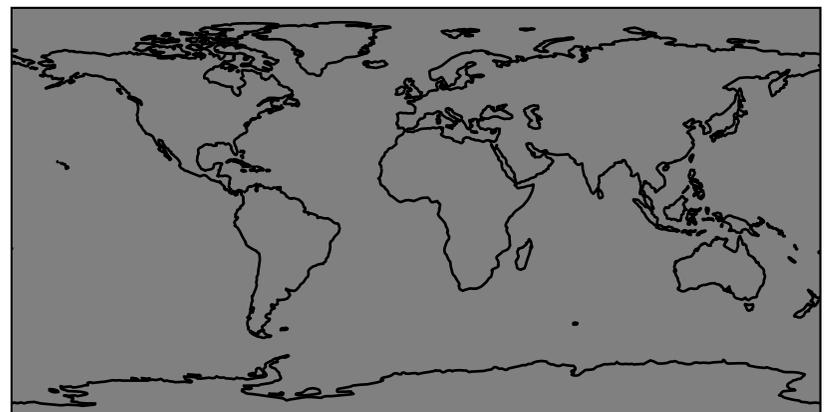
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Difference (1x1.25), Dynamic Range  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$



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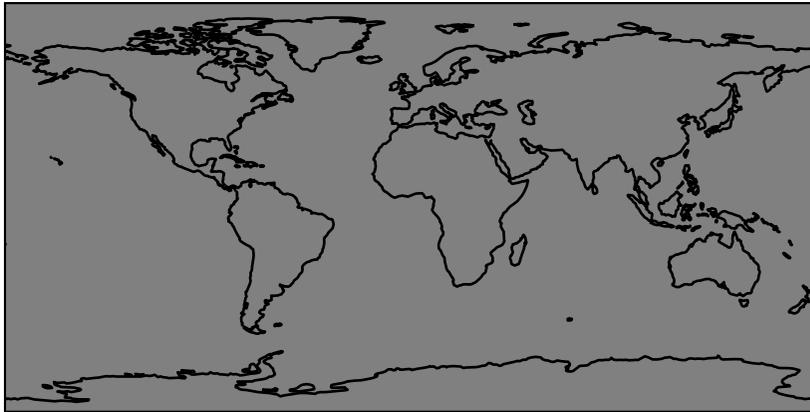
Difference (1x1.25), Restricted Range [5%,95%]  
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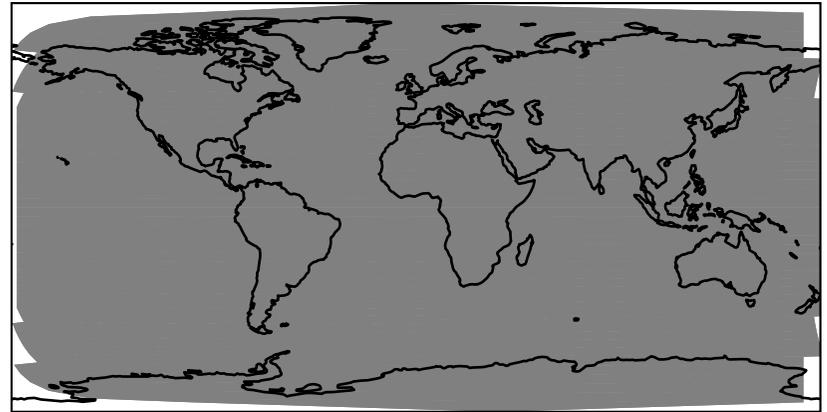
# SpeciesConcVV\_DST2 (Jan2019)

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4.0x5.0



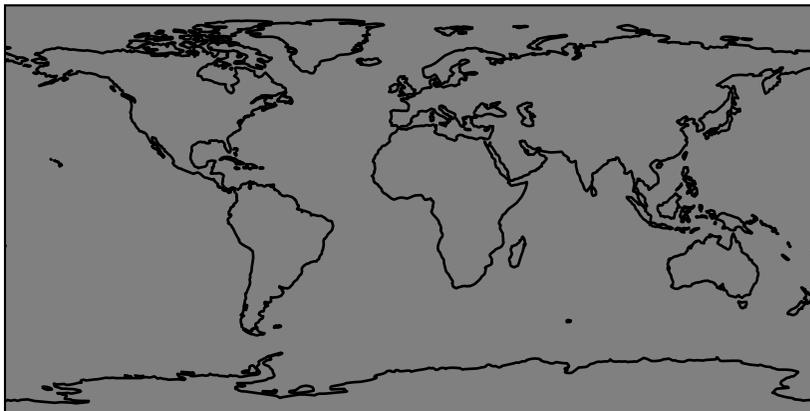
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gchp.14.7.0-rc.0\_-\_gchp.14.5.0-rc.0 (Dev)  
c24



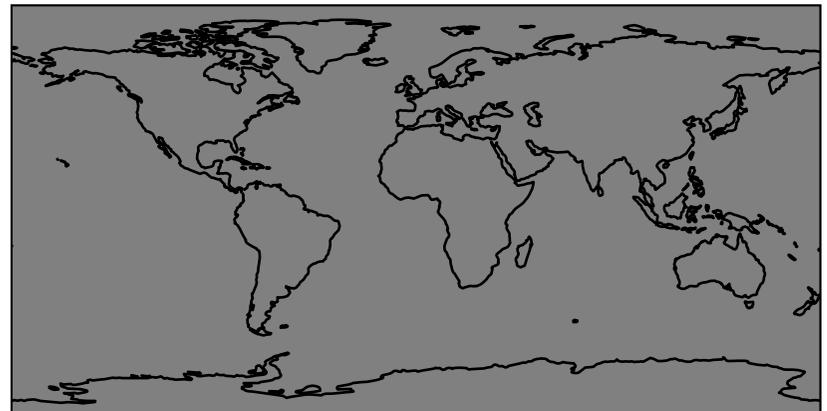
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Difference (1x1.25)  
Dev - Ref, Dynamic Range



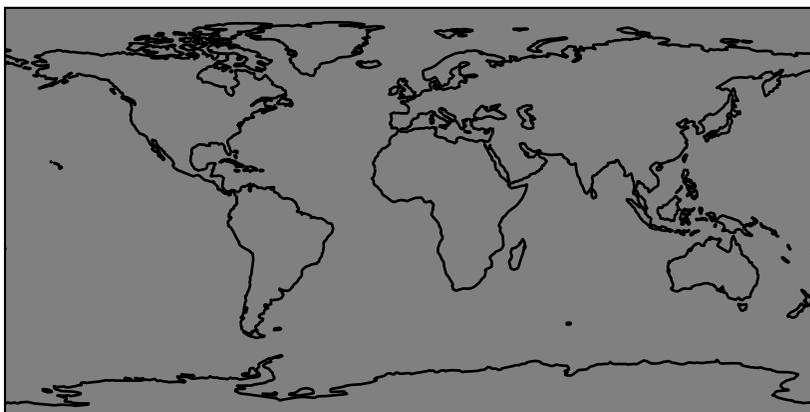
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Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



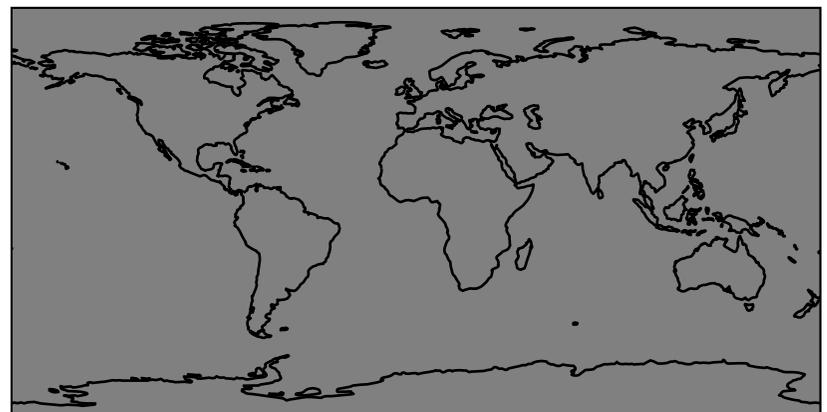
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Difference (1x1.25), Dynamic Range  
 $GCHP_{dev} / GCHP_{ref} - GCC_{dev} / GCC_{ref}$



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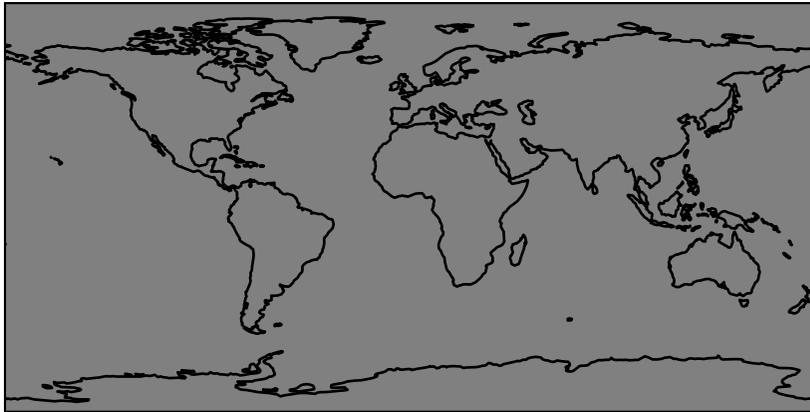
Difference (1x1.25), Restricted Range [5%,95%]  
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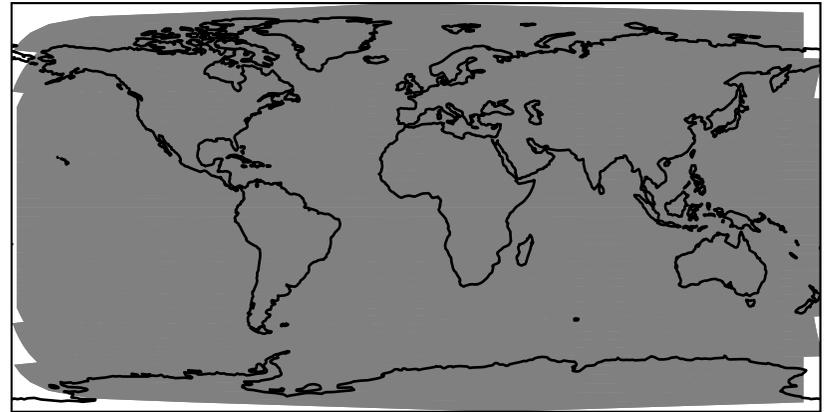
# SpeciesConcVV\_DST3 (Jan2019)

gcc.14.7.0-rc.0\_-\_gcc.14.5.0-rc.0 (Ref)  
4.0x5.0



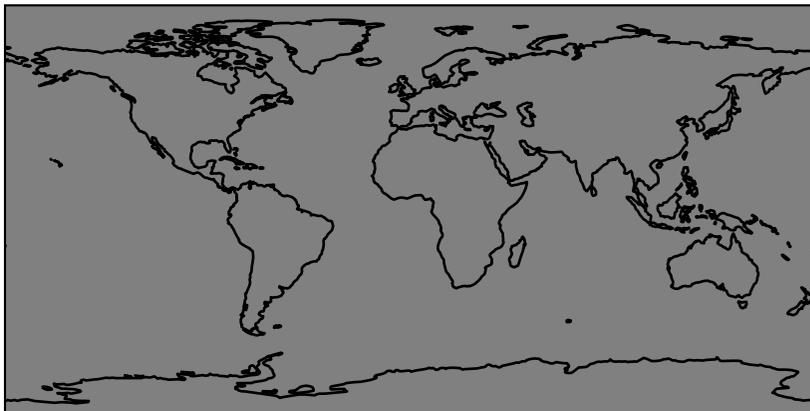
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gchp.14.7.0-rc.0\_-\_gchp.14.5.0-rc.0 (Dev)  
c24



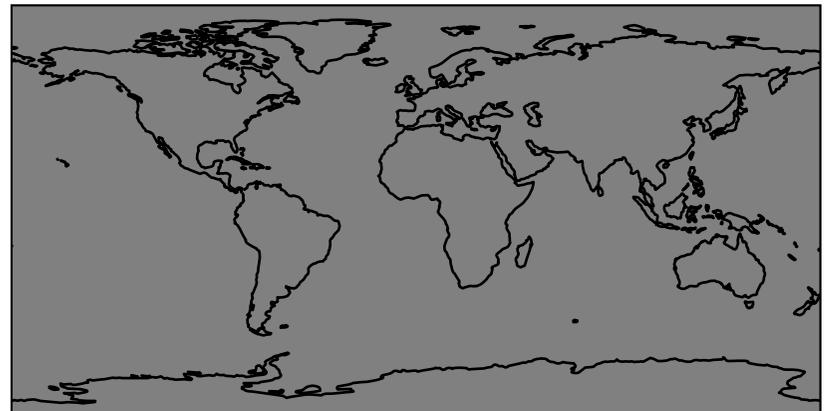
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Difference (1x1.25)  
Dev - Ref, Dynamic Range



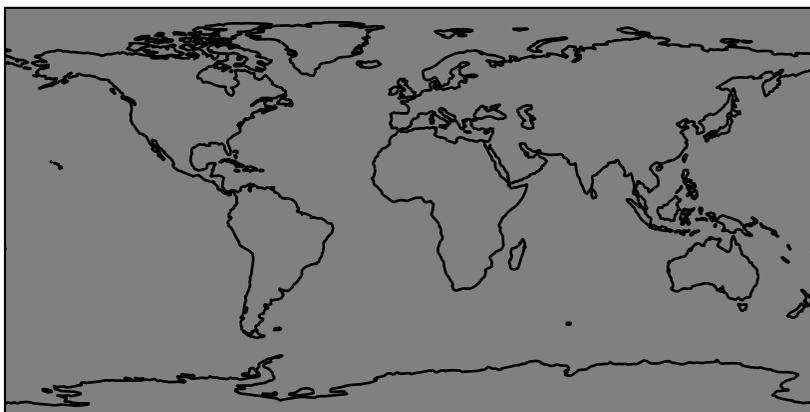
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Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



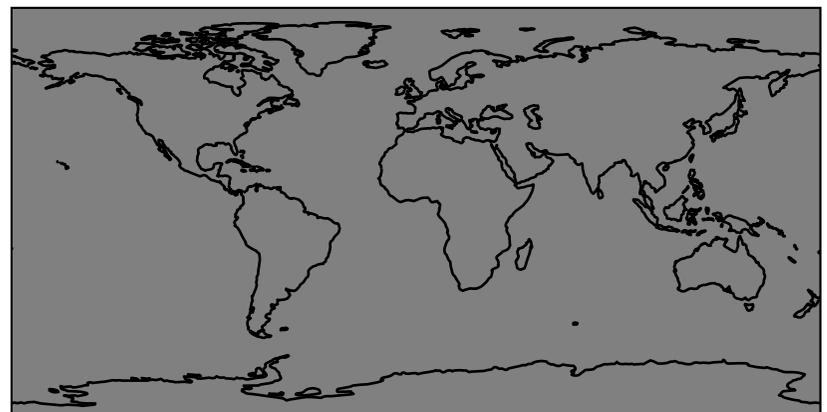
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Difference (1x1.25), Dynamic Range  
 $GCHP_{dev} / GCHP_{ref} - GCC_{dev} / GCC_{ref}$



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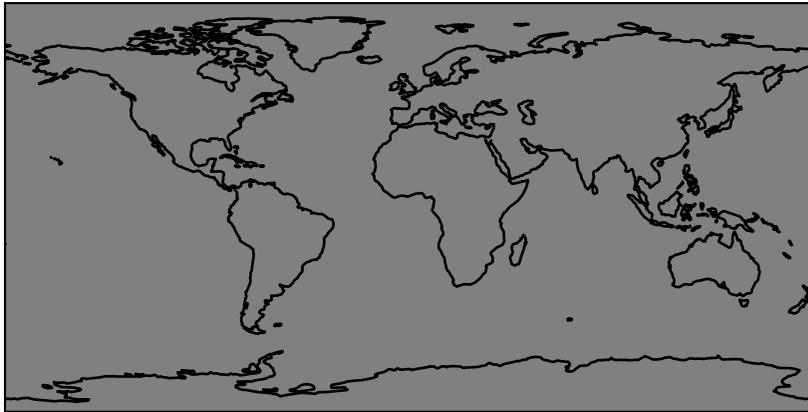
Difference (1x1.25), Restricted Range [5%,95%]  
 $GCHP_{dev} / GCHP_{ref} - GCC_{dev} / GCC_{ref}$



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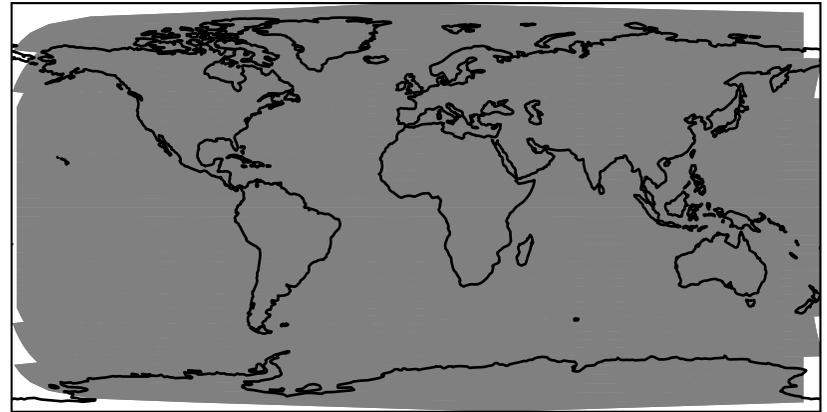
# SpeciesConcVV\_DST4 (Jan2019)

gcc.14.7.0-rc.0\_-\_gcc.14.5.0-rc.0 (Ref)  
4.0x5.0



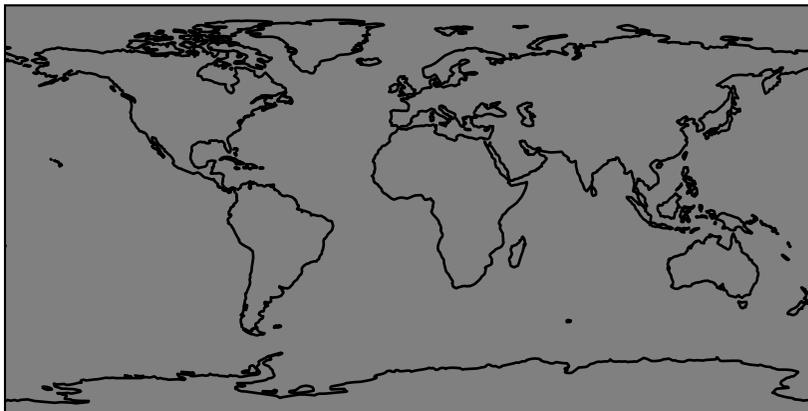
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gchp.14.7.0-rc.0\_-\_gchp.14.5.0-rc.0 (Dev)  
c24



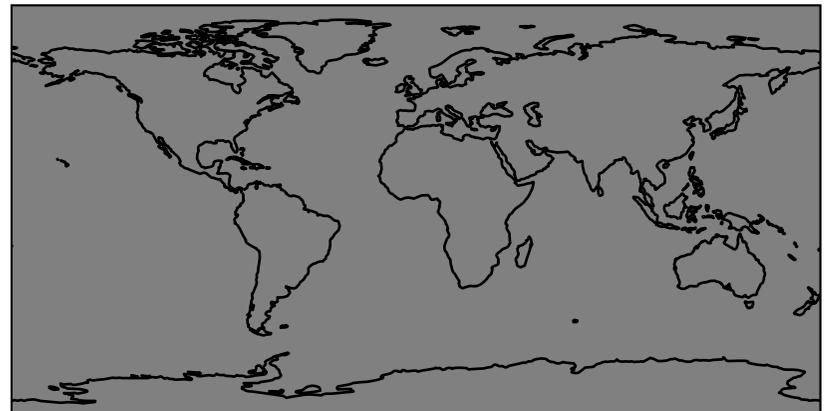
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Difference (1x1.25)  
Dev - Ref, Dynamic Range



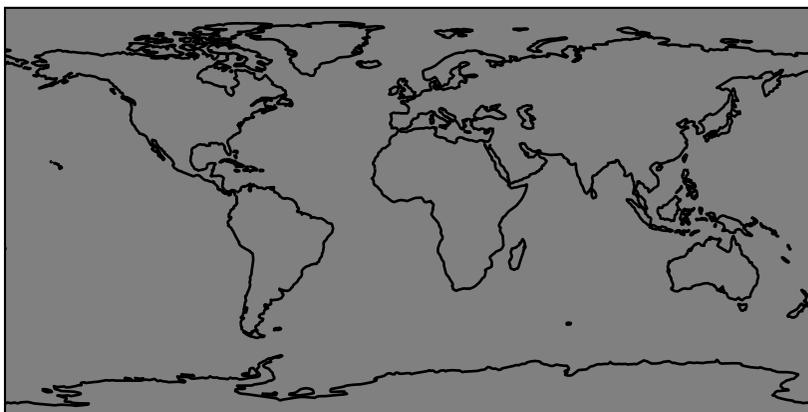
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Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



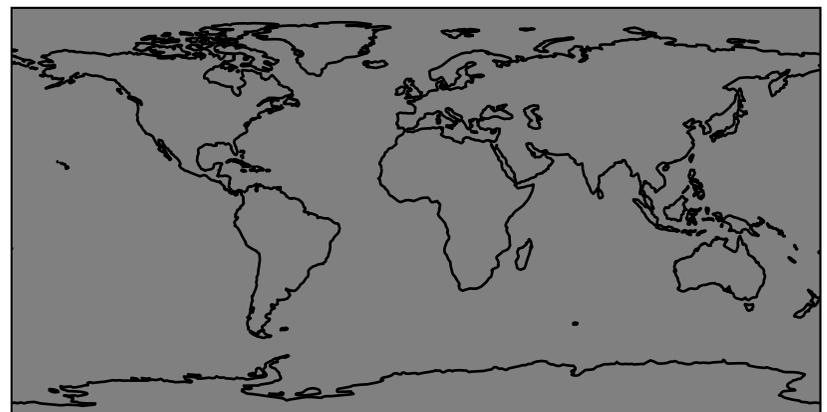
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Difference (1x1.25), Dynamic Range  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$



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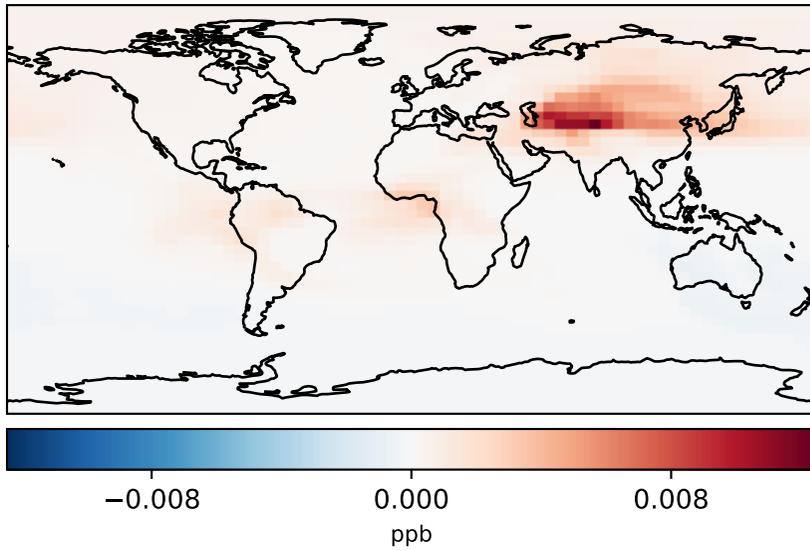
Difference (1x1.25), Restricted Range [5%,95%]  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$



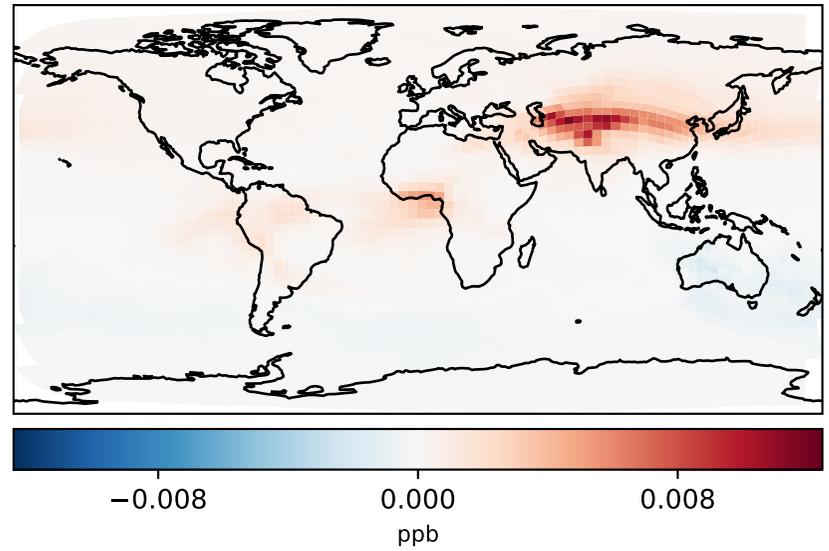
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# SpeciesConcVV\_DSTbin1 (Jan2019)

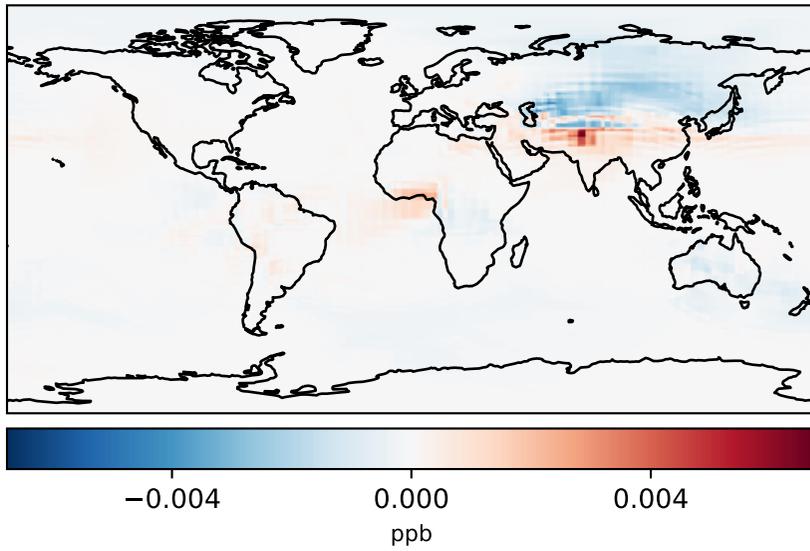
gcc.14.7.0-rc.0\_-\_gcc.14.5.0-rc.0 (Ref)  
4.0x5.0



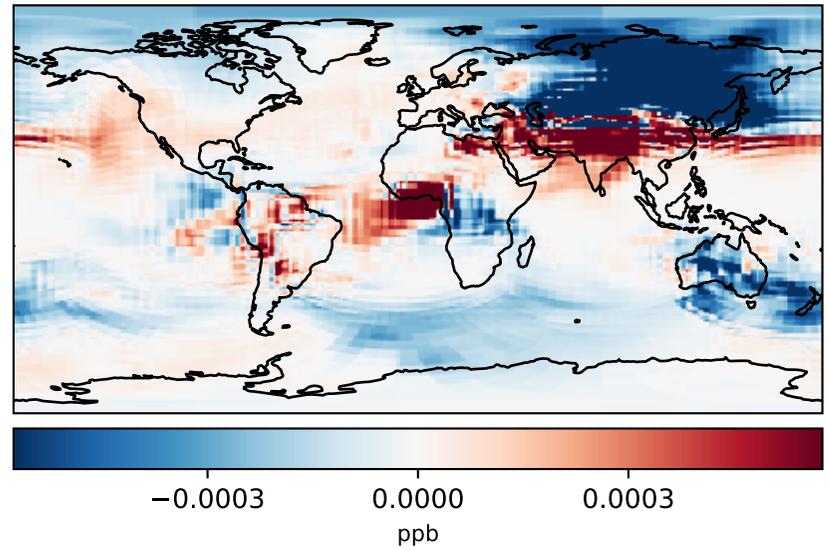
gchp.14.7.0-rc.0\_-\_gchp.14.5.0-rc.0 (Dev)  
c24



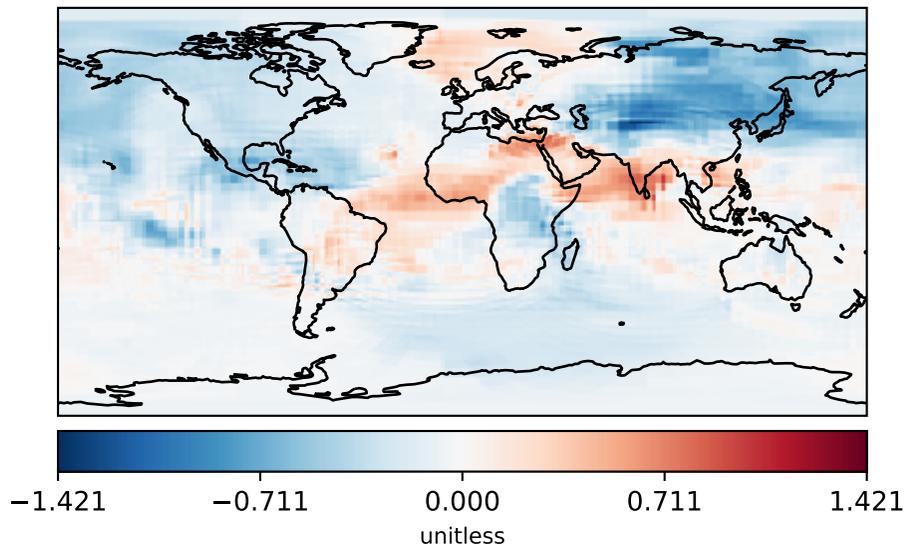
Difference (1x1.25)  
Dev - Ref, Dynamic Range



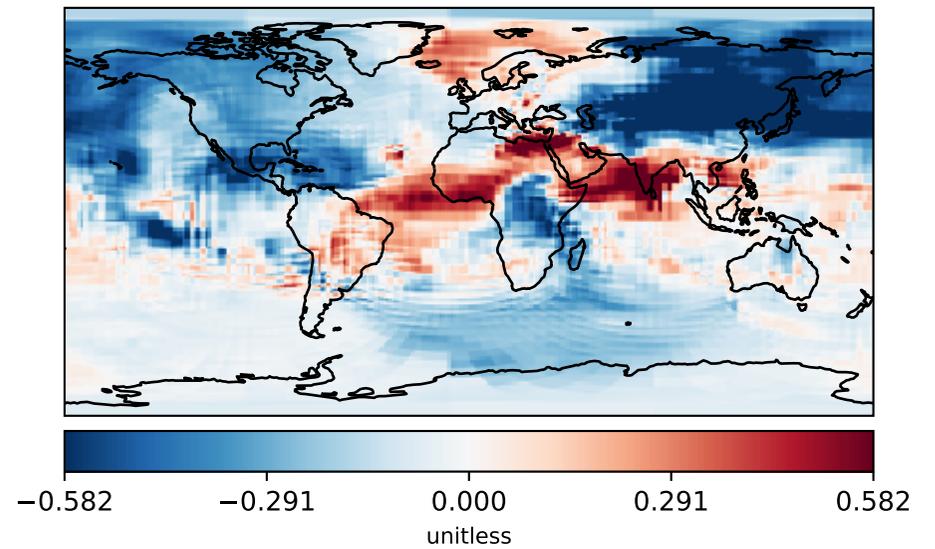
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

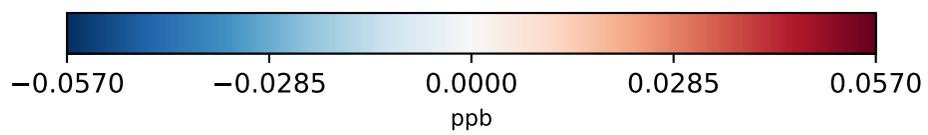
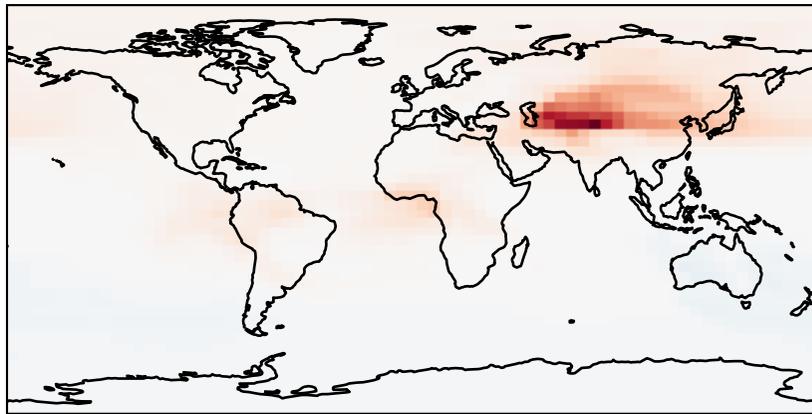


Difference (1x1.25), Restricted Range [5%,95%]  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

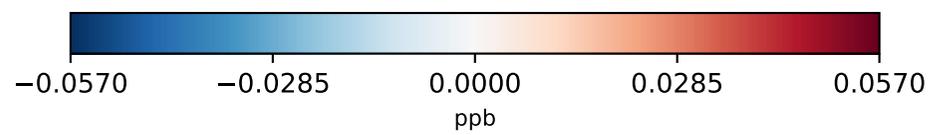
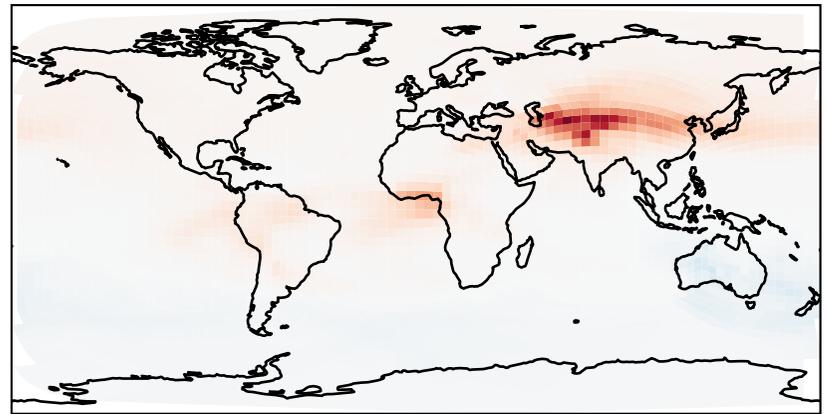


# SpeciesConcVV\_DSTbin2 (Jan2019)

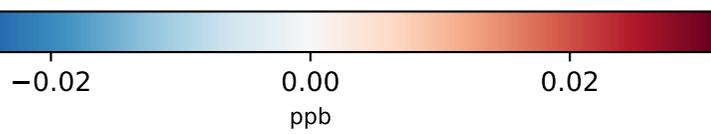
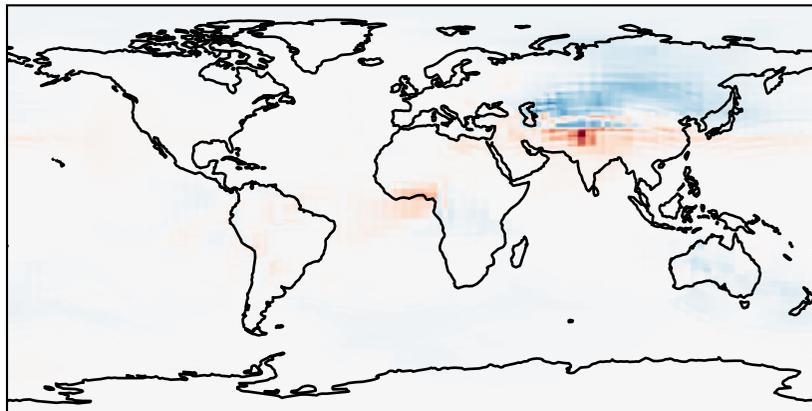
gcc.14.7.0-rc.0\_-\_gcc.14.5.0-rc.0 (Ref)  
4.0x5.0



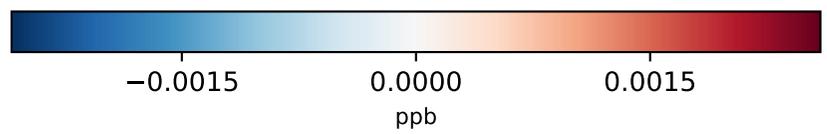
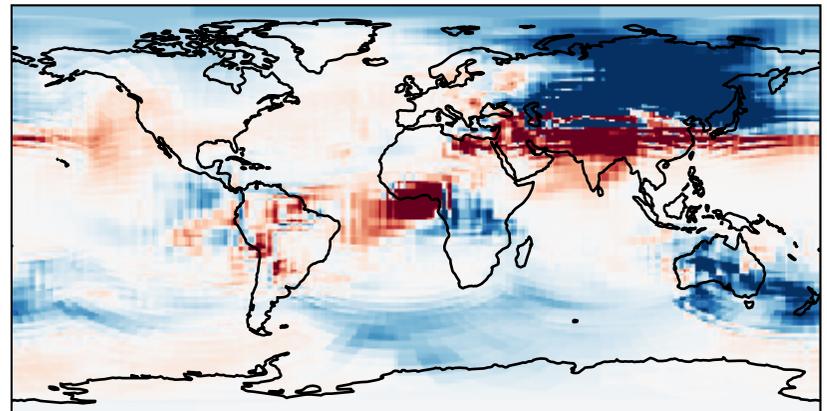
gchp.14.7.0-rc.0\_-\_gchp.14.5.0-rc.0 (Dev)  
c24



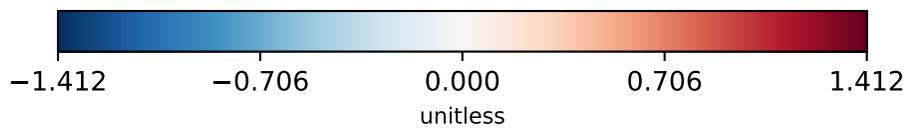
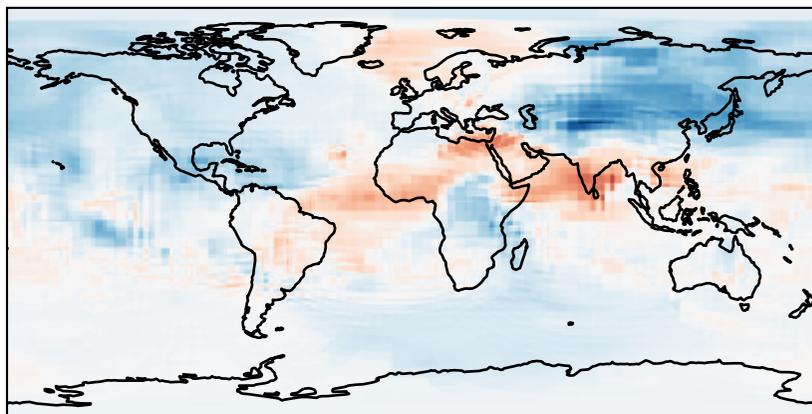
Difference (1x1.25)  
Dev - Ref, Dynamic Range



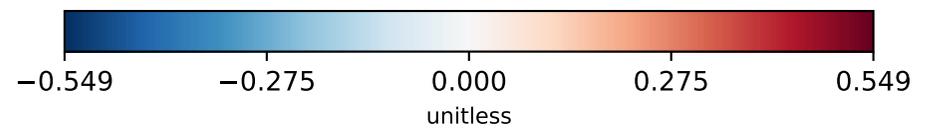
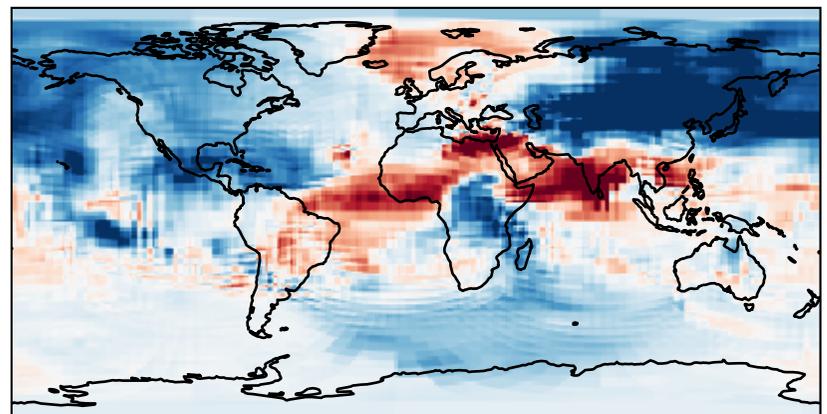
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

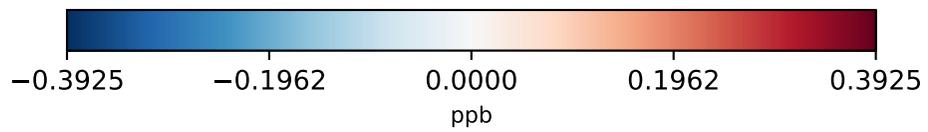
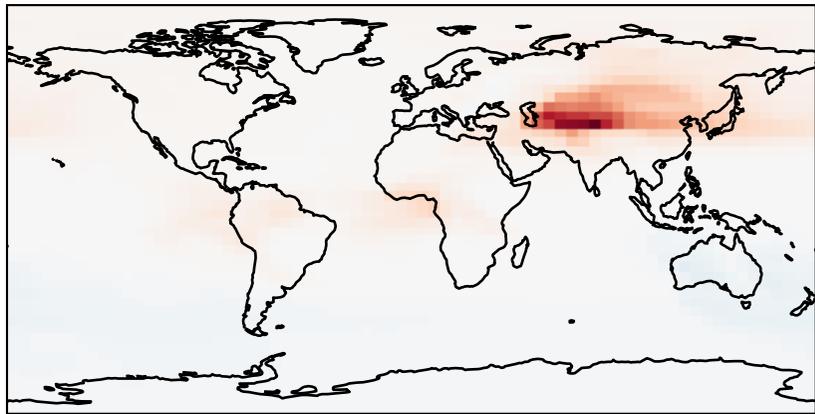


Difference (1x1.25), Restricted Range [5%,95%]  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

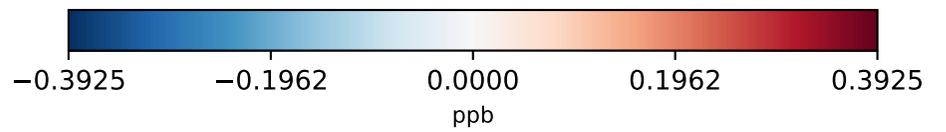
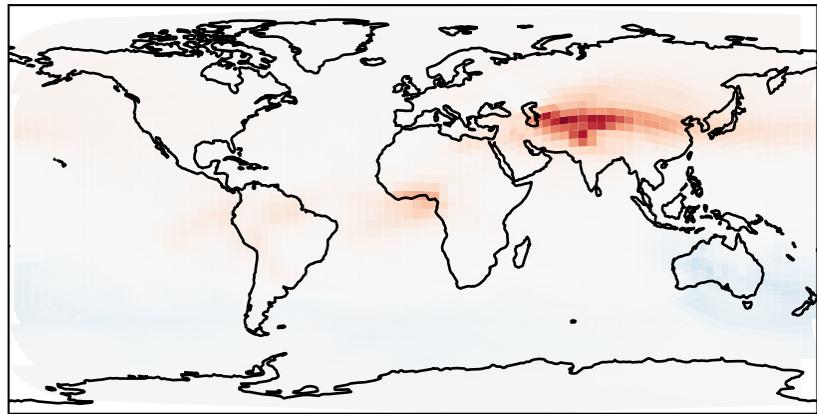


# SpeciesConcVV\_DSTbin3 (Jan2019)

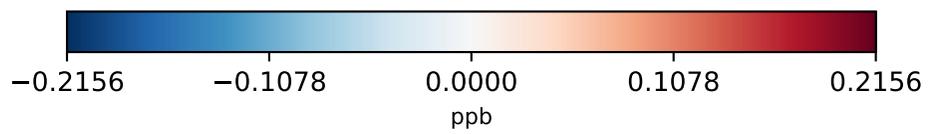
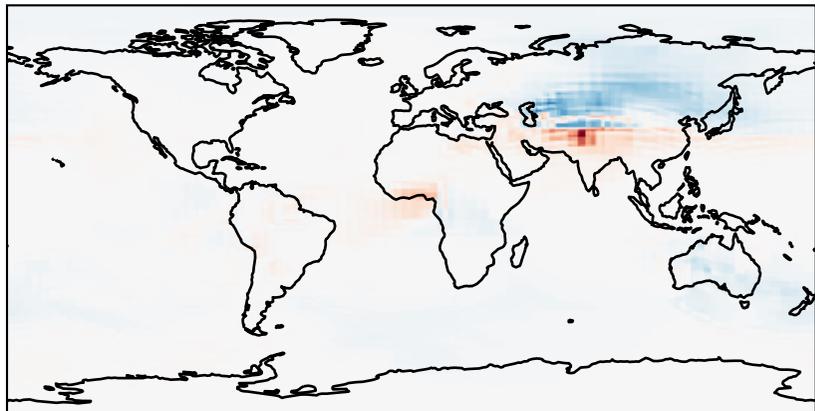
gcc.14.7.0-rc.0\_-\_gcc.14.5.0-rc.0 (Ref)  
4.0x5.0



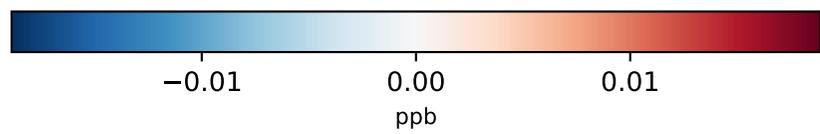
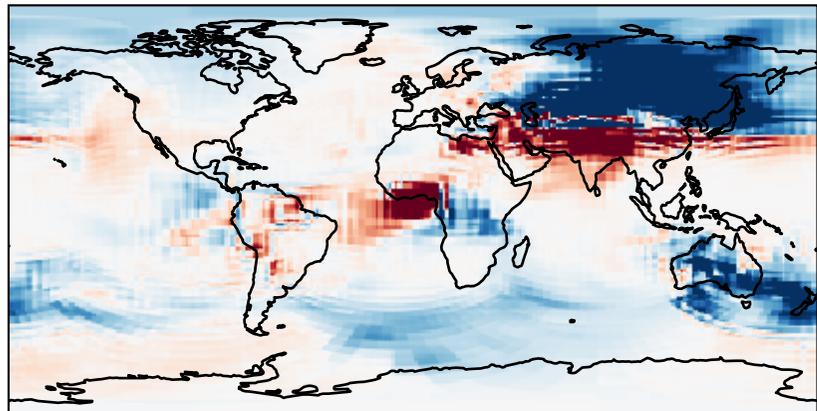
gchp.14.7.0-rc.0\_-\_gchp.14.5.0-rc.0 (Dev)  
c24



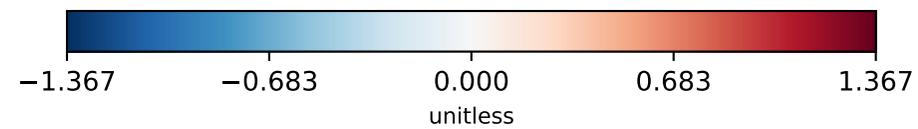
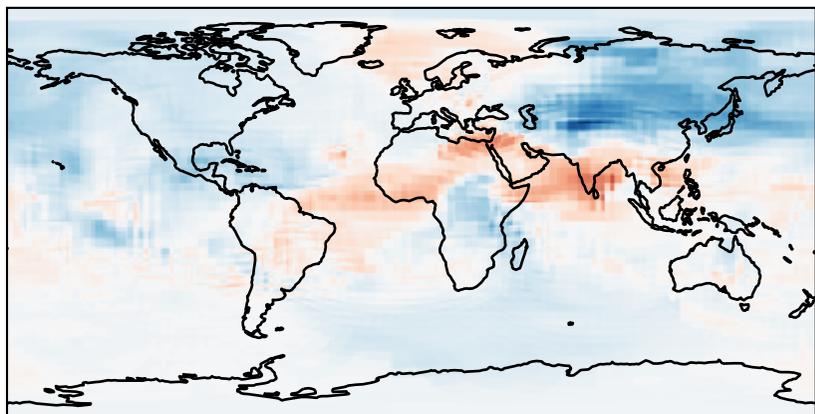
Difference (1x1.25)  
Dev - Ref, Dynamic Range



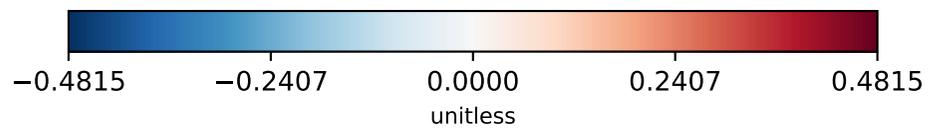
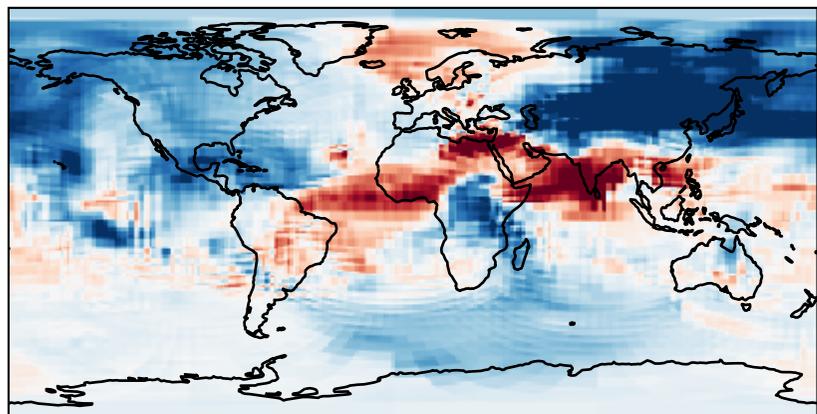
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

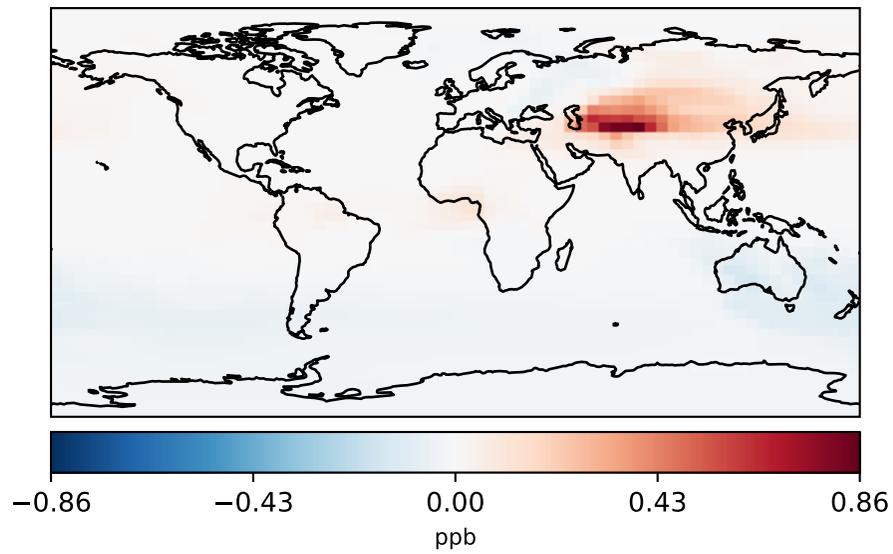


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

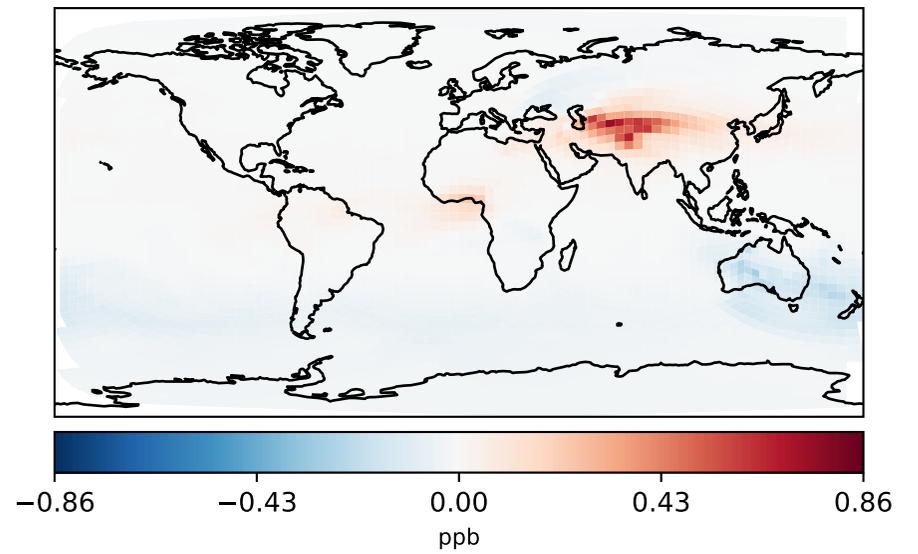


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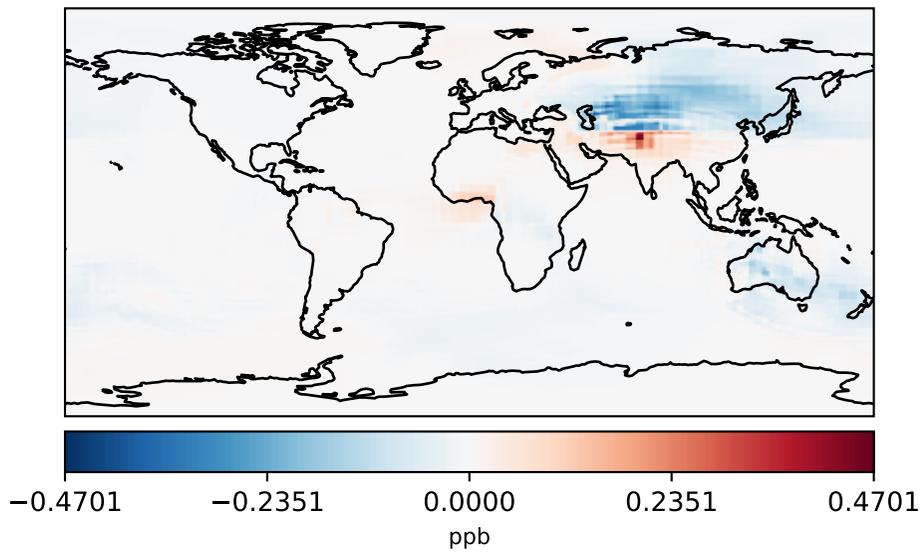
gcc.14.7.0-rc.0\_-\_gcc.14.5.0-rc.0 (Ref)  
4.0x5.0



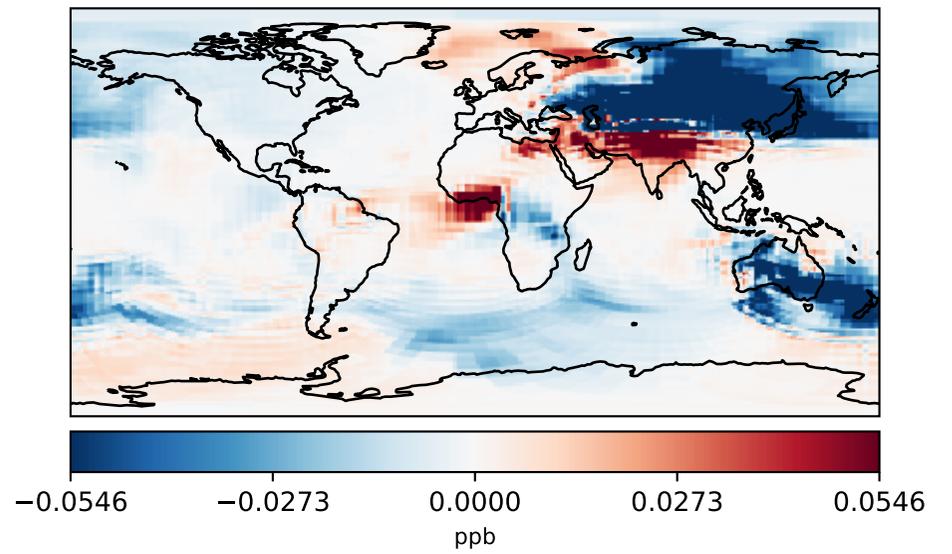
gchp.14.7.0-rc.0\_-\_gchp.14.5.0-rc.0 (Dev)  
c24



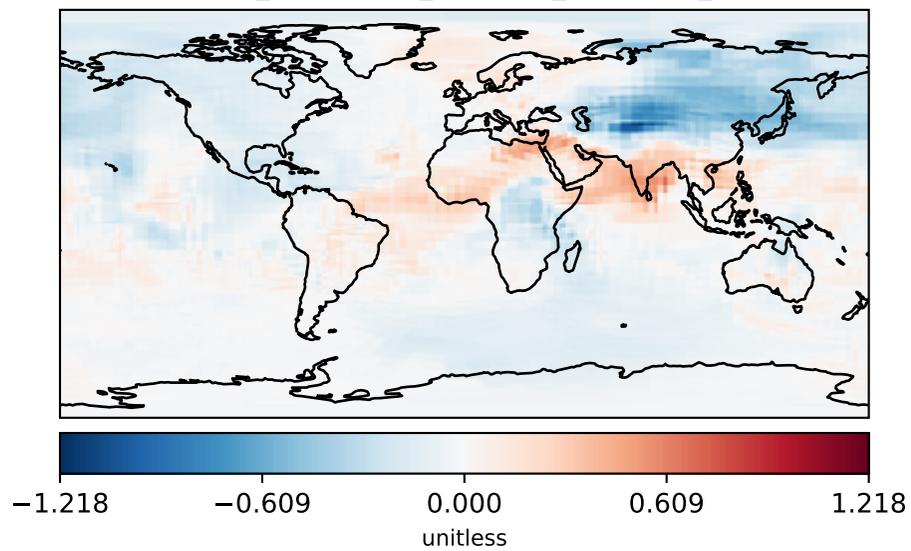
Difference (1x1.25)  
Dev - Ref, Dynamic Range



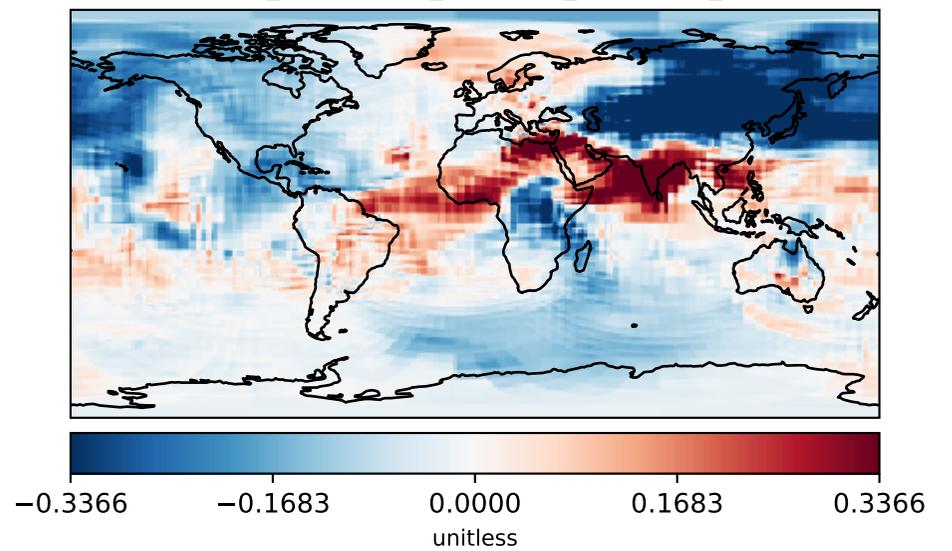
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

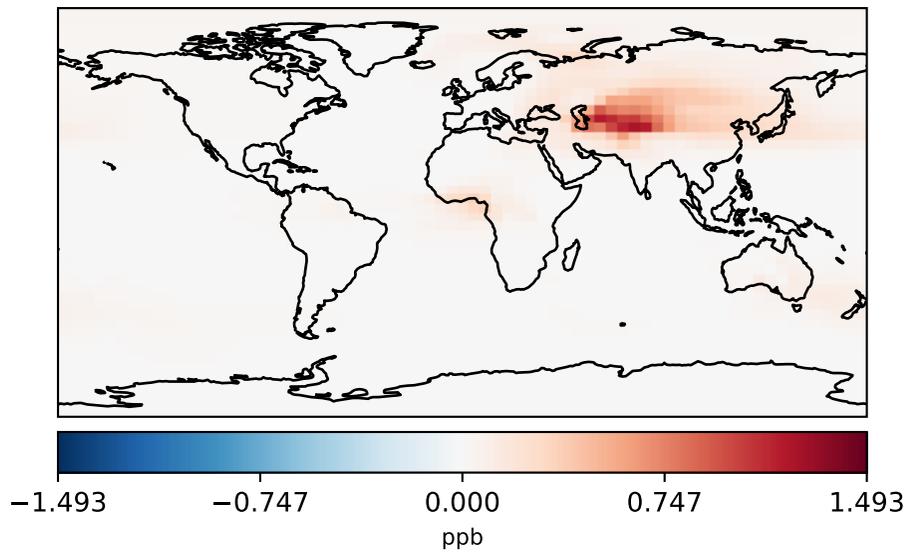


Difference (1x1.25), Restricted Range [5%,95%]  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

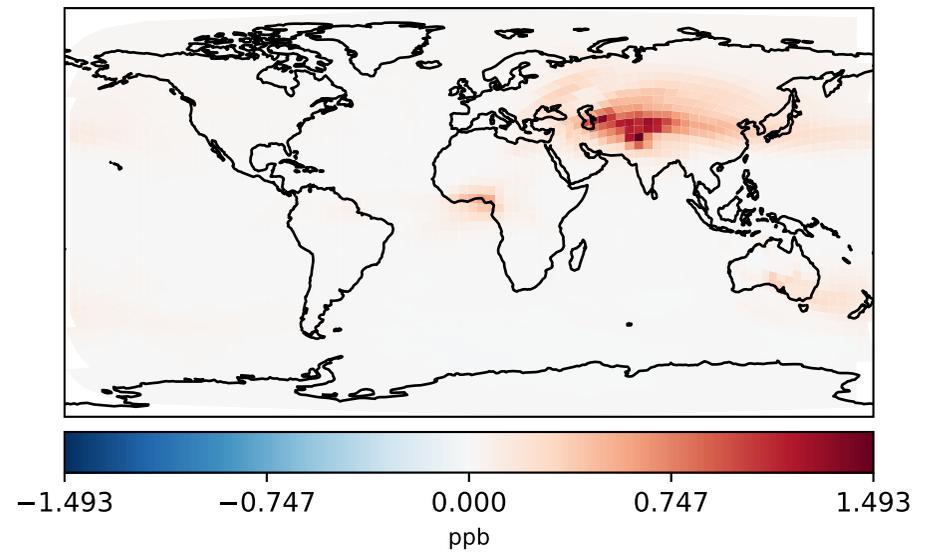


# SpeciesConcVV\_DSTbin5 (Jan2019)

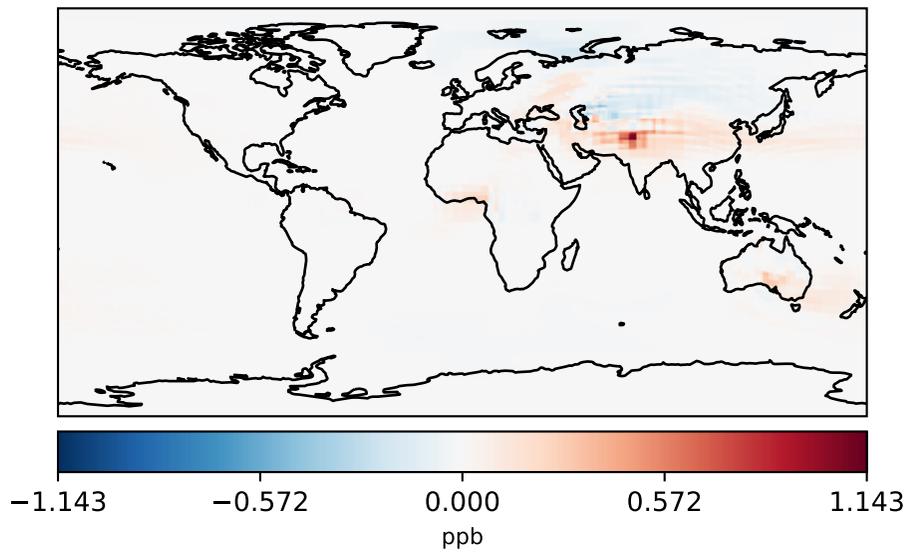
gcc.14.7.0-rc.0\_-\_gcc.14.5.0-rc.0 (Ref)  
4.0x5.0



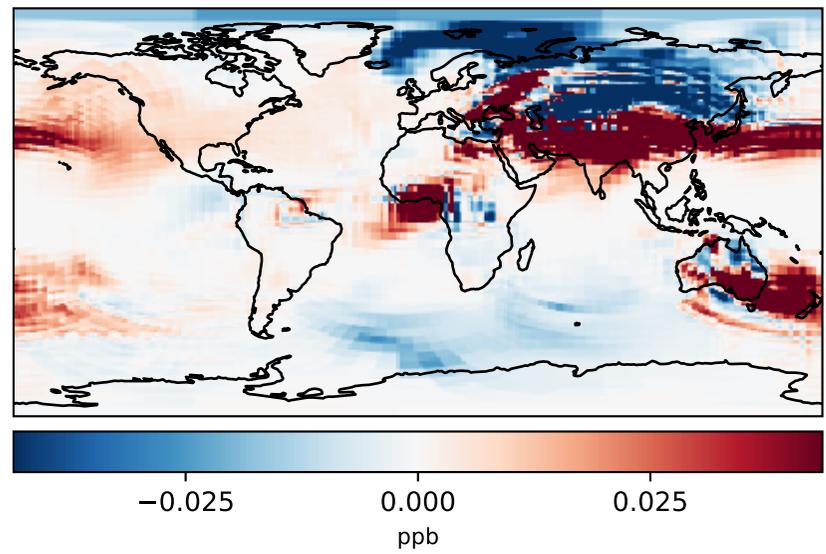
gchp.14.7.0-rc.0\_-\_gchp.14.5.0-rc.0 (Dev)  
c24



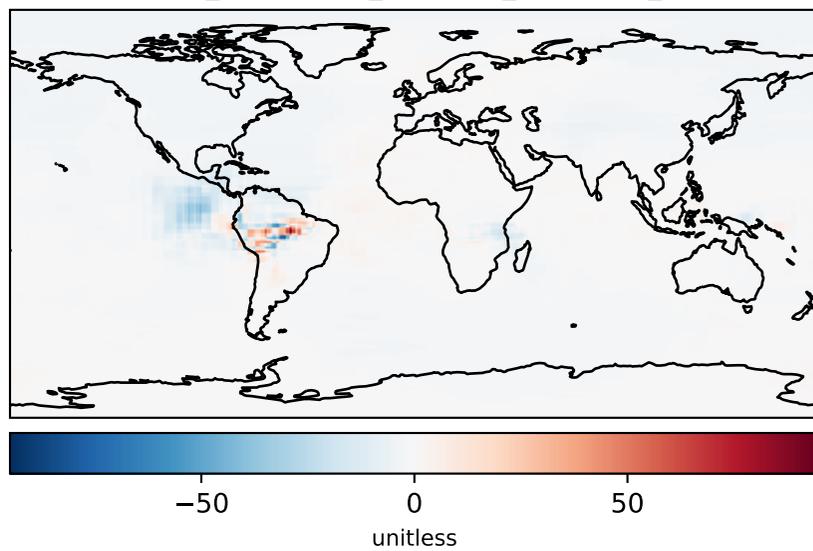
Difference (1x1.25)  
Dev - Ref, Dynamic Range



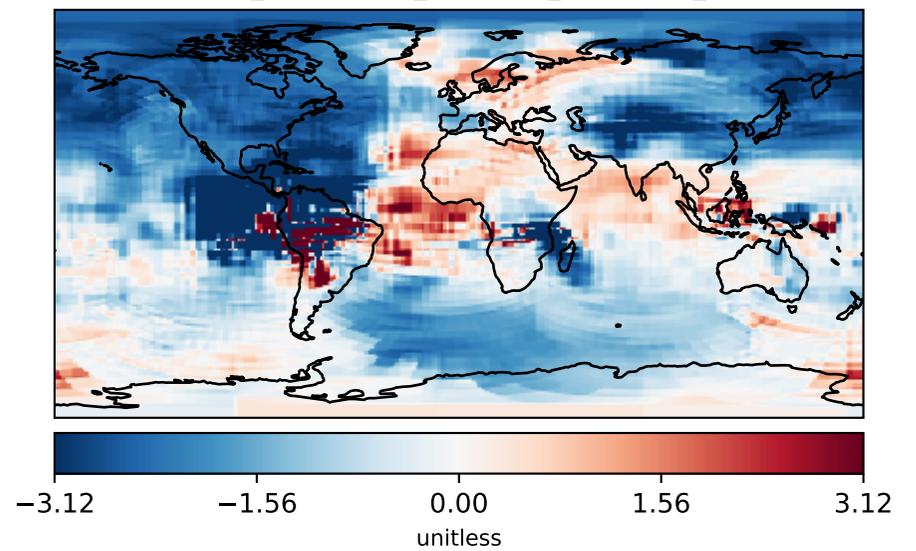
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
 $GCHP_{dev} / GCHP_{ref} - GCC_{dev} / GCC_{ref}$

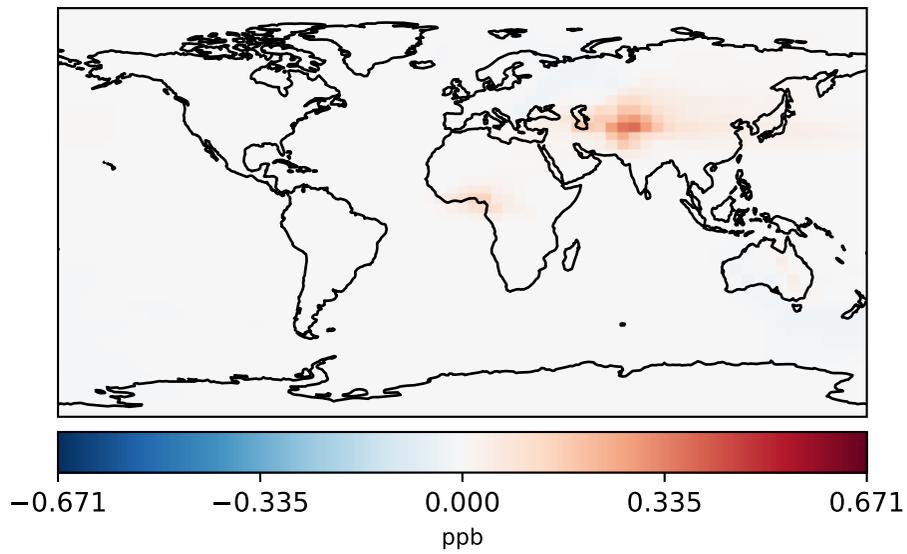


Difference (1x1.25), Restricted Range [5%,95%]  
 $GCHP_{dev} / GCHP_{ref} - GCC_{dev} / GCC_{ref}$

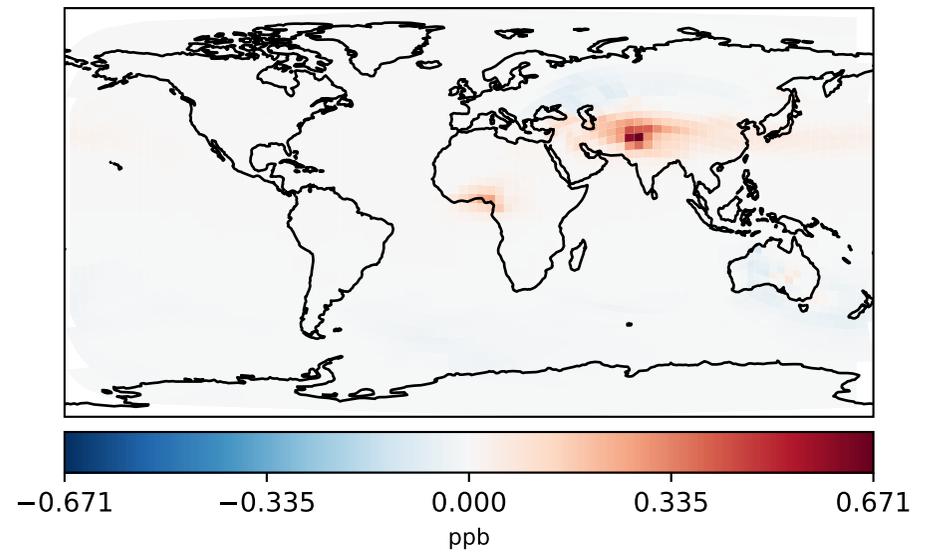


# SpeciesConcVV\_DSTbin6 (Jan2019)

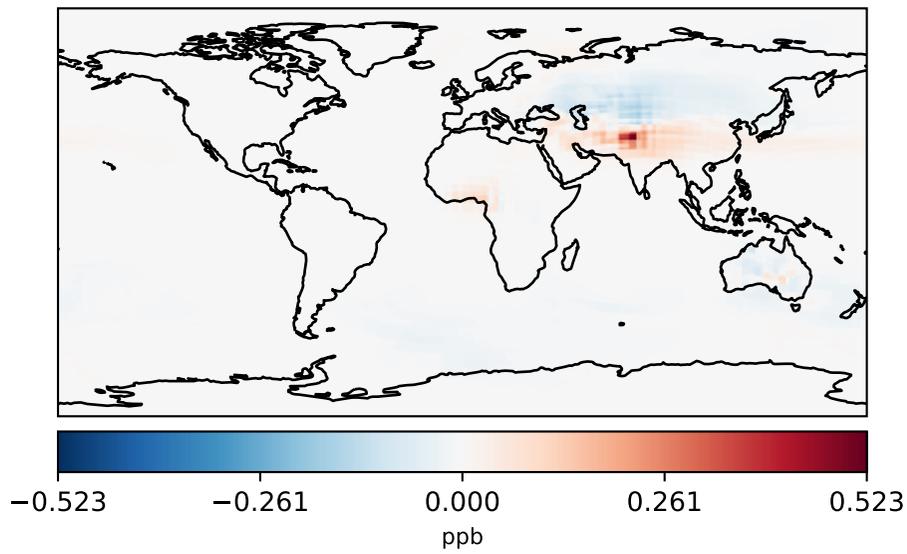
gcc.14.7.0-rc.0\_-\_gcc.14.5.0-rc.0 (Ref)  
4.0x5.0



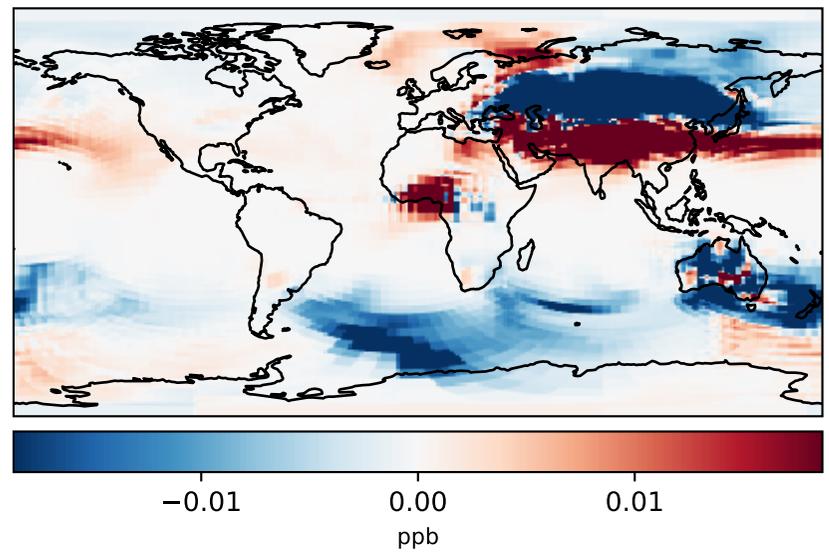
gchp.14.7.0-rc.0\_-\_gchp.14.5.0-rc.0 (Dev)  
c24



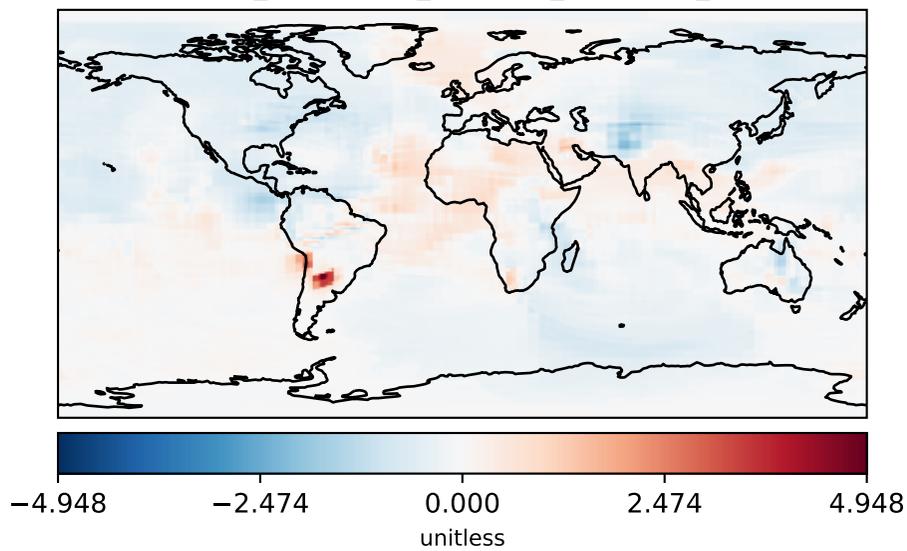
Difference (1x1.25)  
Dev - Ref, Dynamic Range



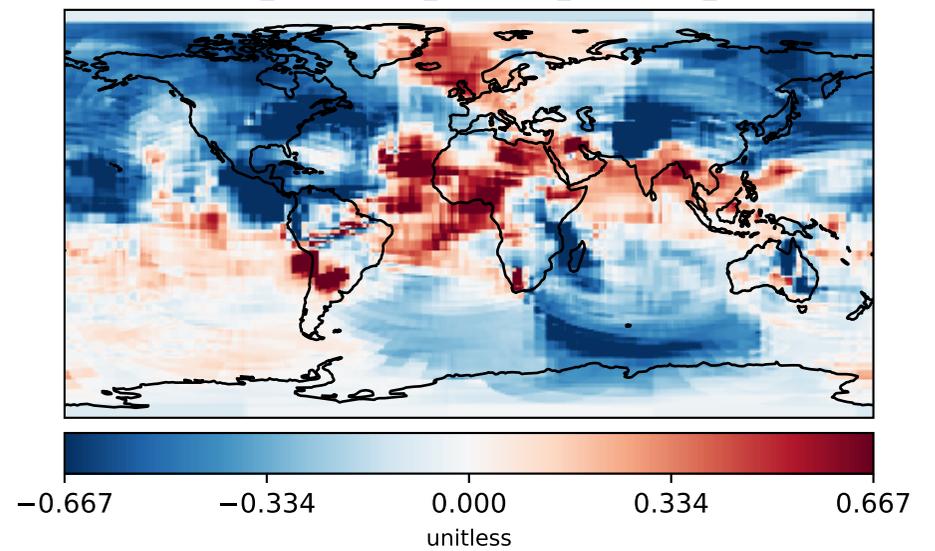
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

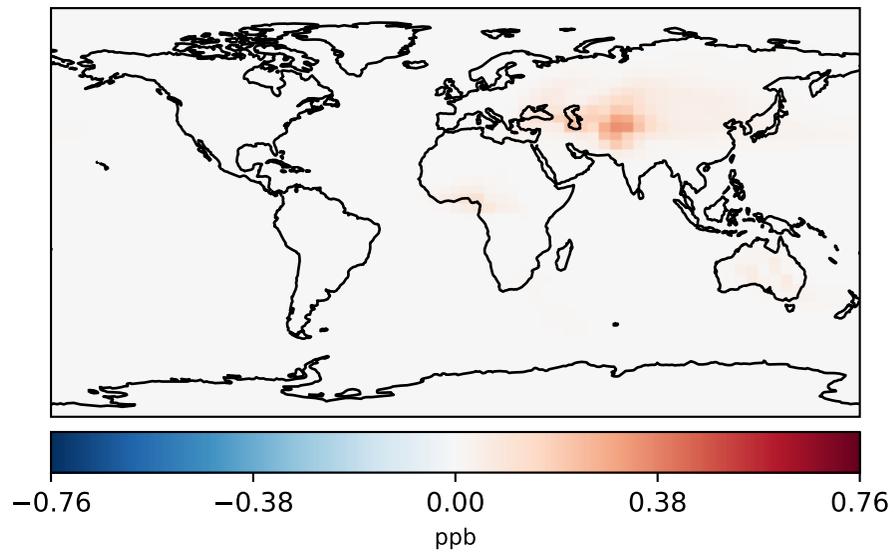


Difference (1x1.25), Restricted Range [5%,95%]  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

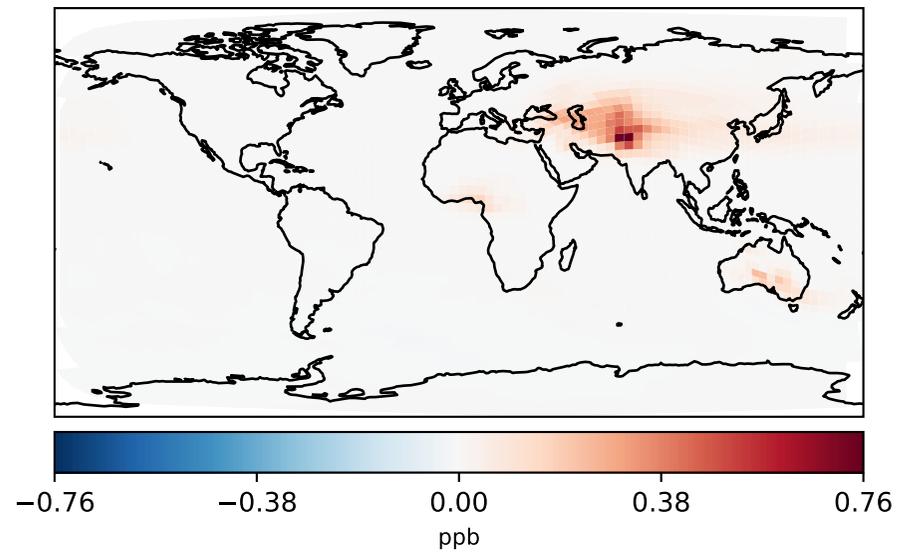


# SpeciesConcVV\_DSTbin7 (Jan2019)

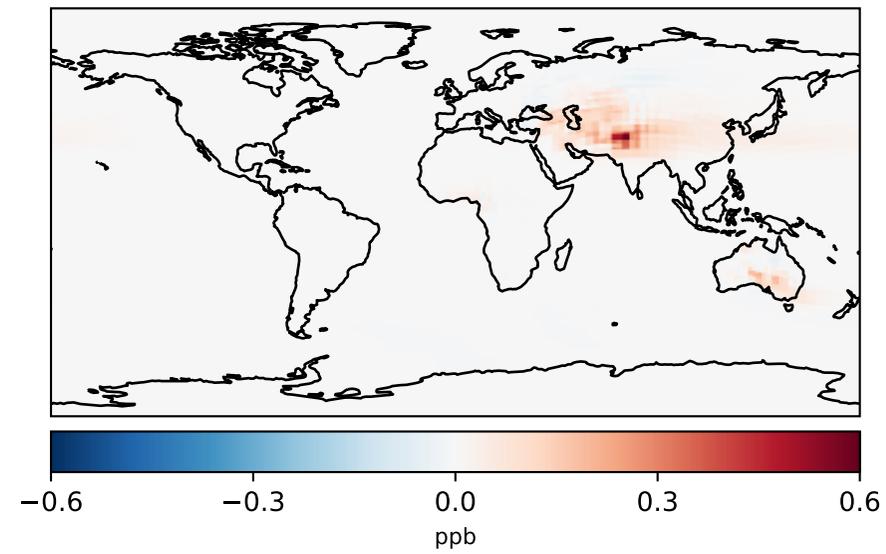
gcc.14.7.0-rc.0\_-\_gcc.14.5.0-rc.0 (Ref)  
4.0x5.0



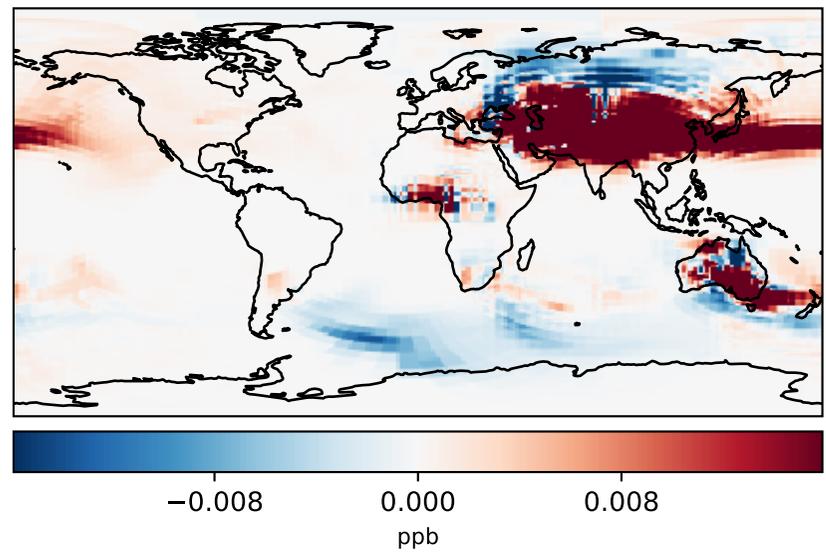
gchp.14.7.0-rc.0\_-\_gchp.14.5.0-rc.0 (Dev)  
c24



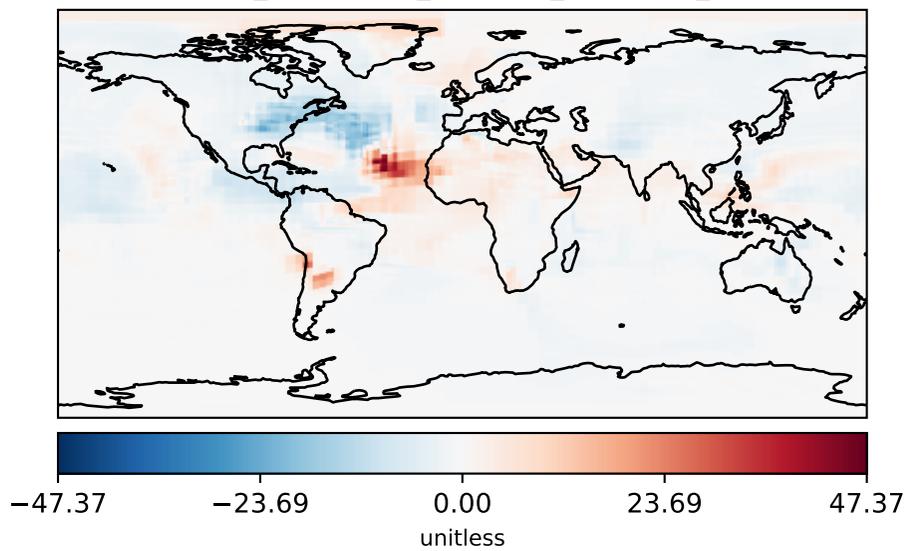
Difference (1x1.25)  
Dev - Ref, Dynamic Range



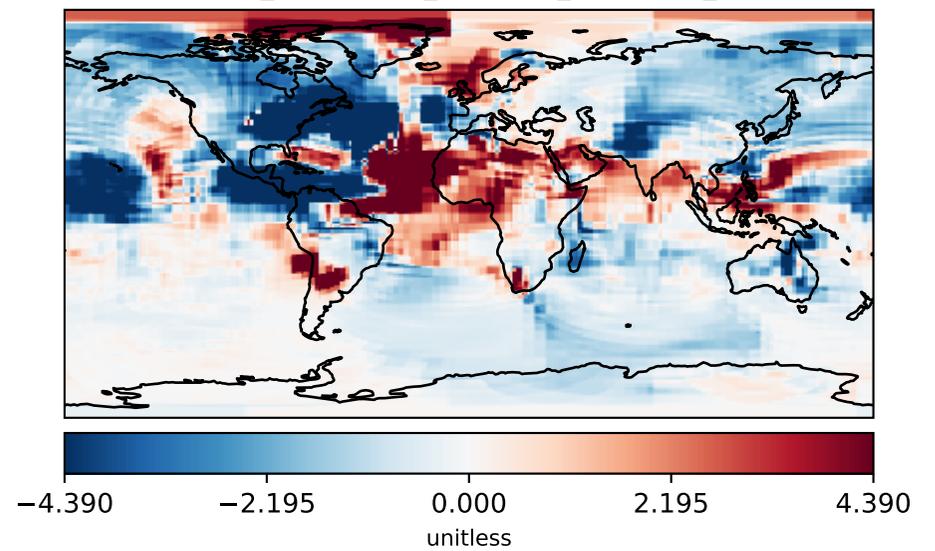
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
 $GCHP_{dev} / GCHP_{ref} - GCC_{dev} / GCC_{ref}$

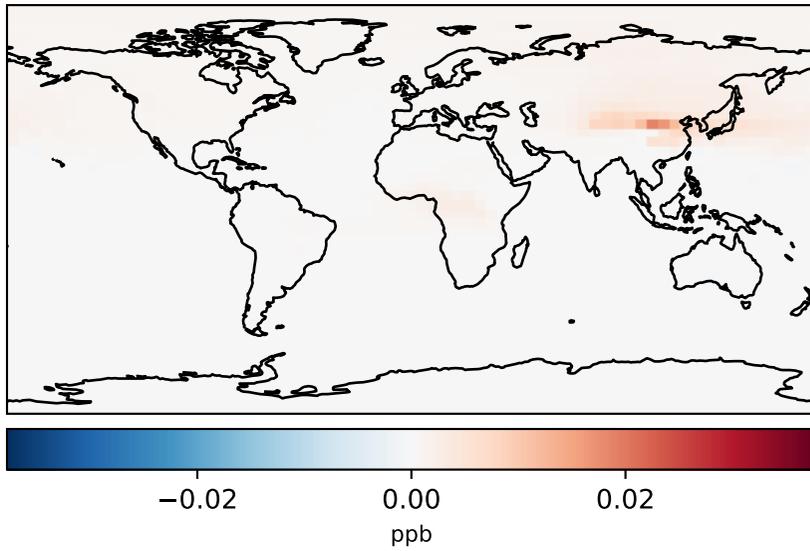


Difference (1x1.25), Restricted Range [5%,95%]  
 $GCHP_{dev} / GCHP_{ref} - GCC_{dev} / GCC_{ref}$

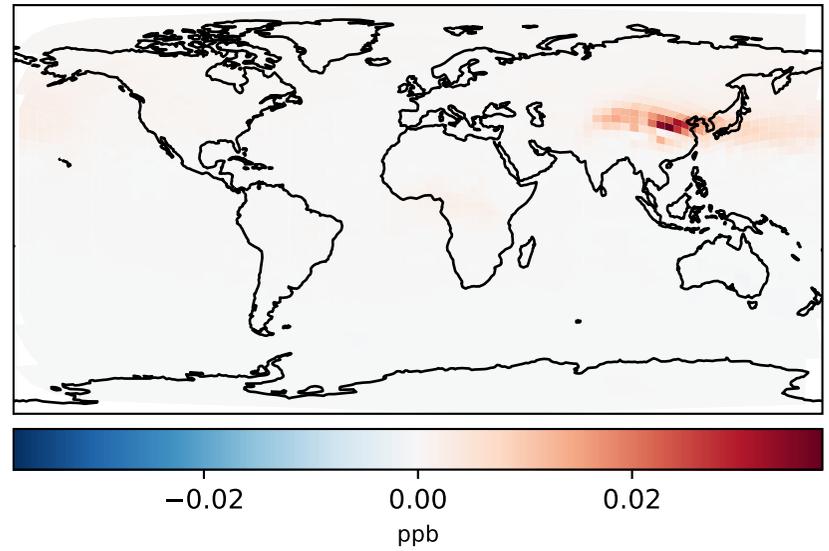


# SpeciesConcVV\_NH4 (Jan2019)

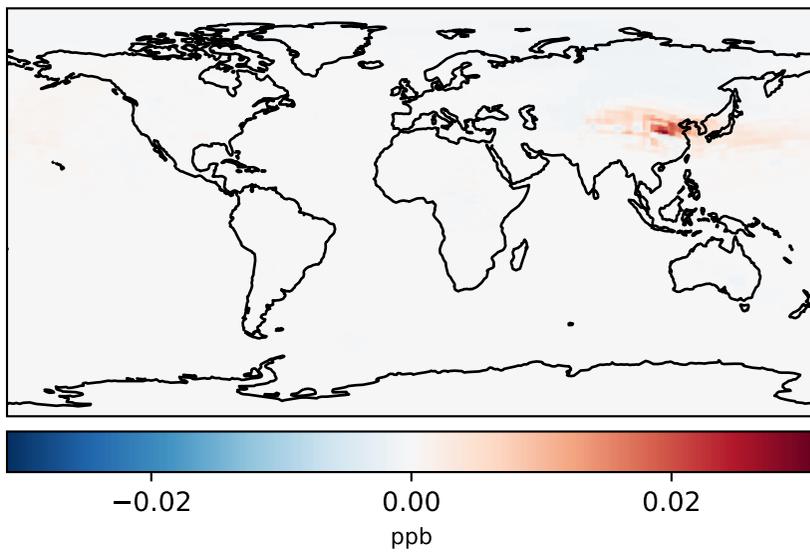
gcc.14.7.0-rc.0\_-\_gcc.14.5.0-rc.0 (Ref)  
4.0x5.0



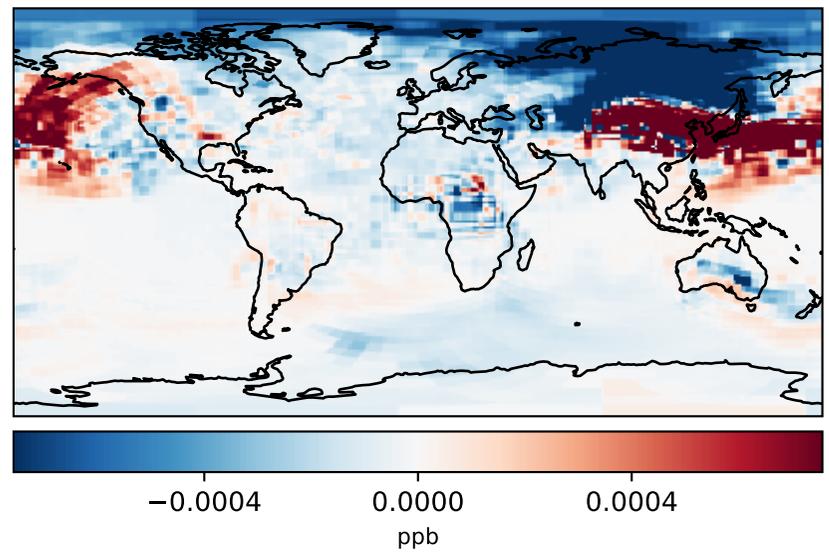
gchp.14.7.0-rc.0\_-\_gchp.14.5.0-rc.0 (Dev)  
c24



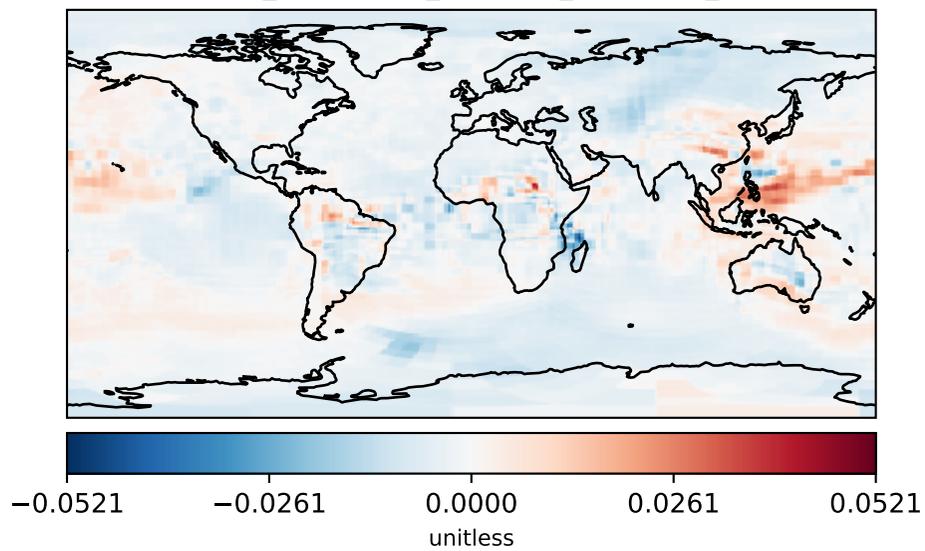
Difference (1x1.25)  
Dev - Ref, Dynamic Range



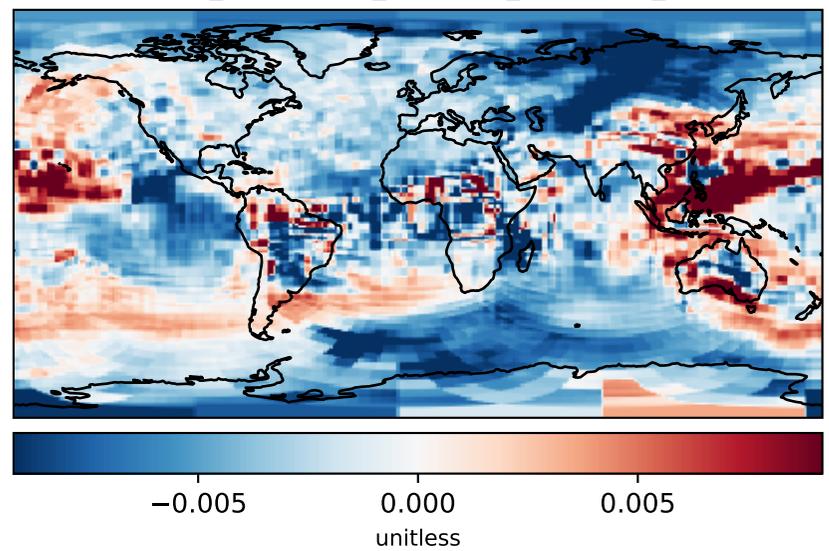
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

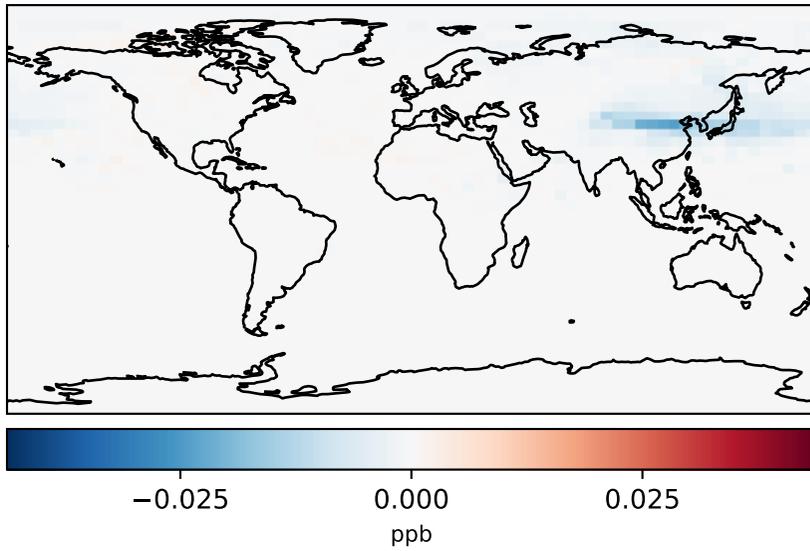


Difference (1x1.25), Restricted Range [5%,95%]  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

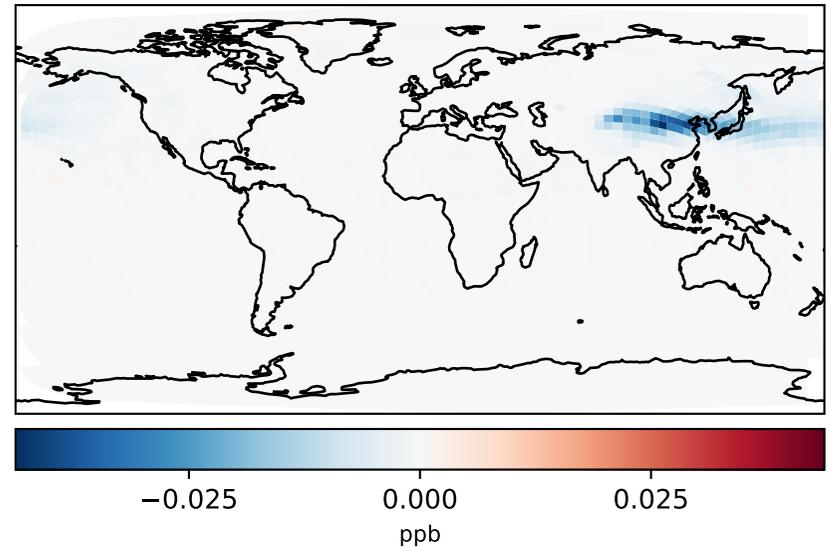


# SpeciesConcVV\_NIT (Jan2019)

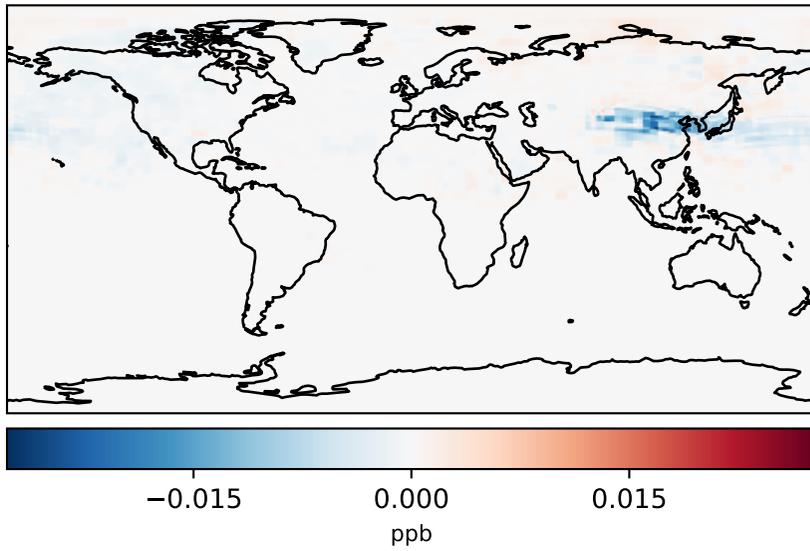
gcc.14.7.0-rc.0\_-\_gcc.14.5.0-rc.0 (Ref)  
4.0x5.0



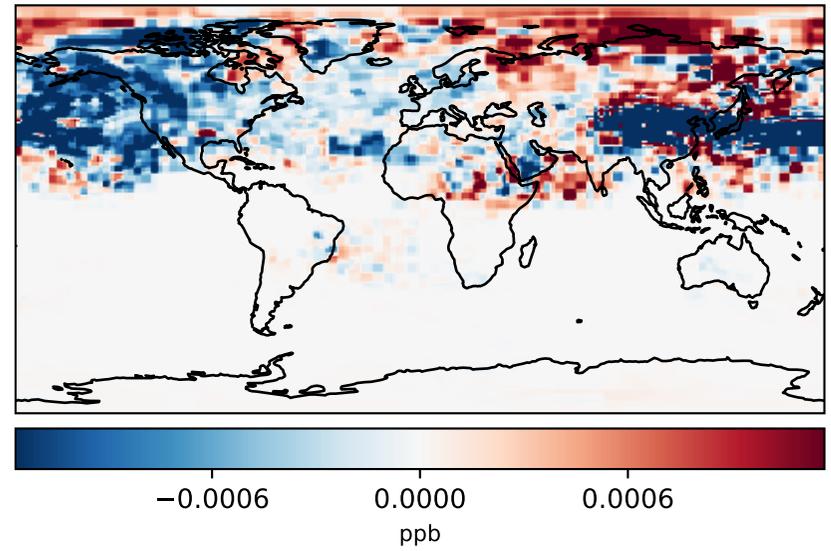
gchp.14.7.0-rc.0\_-\_gchp.14.5.0-rc.0 (Dev)  
c24



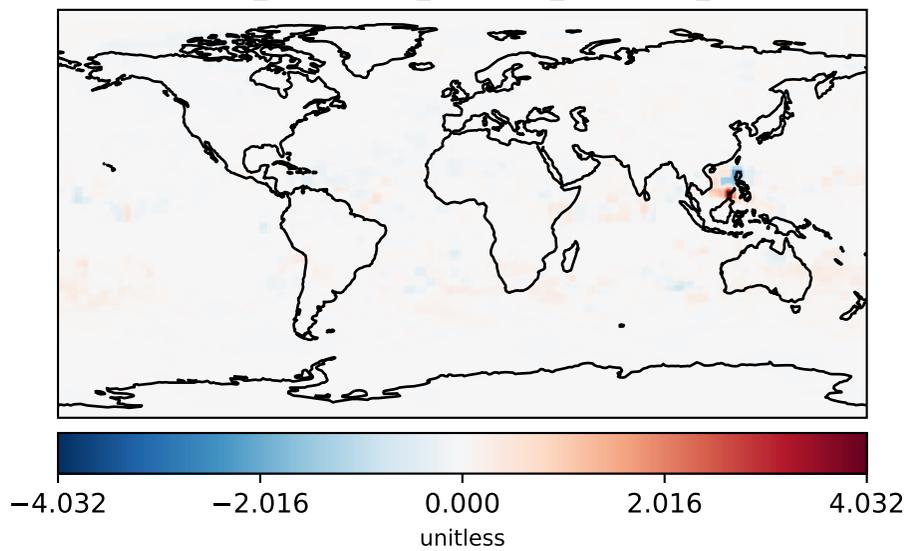
Difference (1x1.25)  
Dev - Ref, Dynamic Range



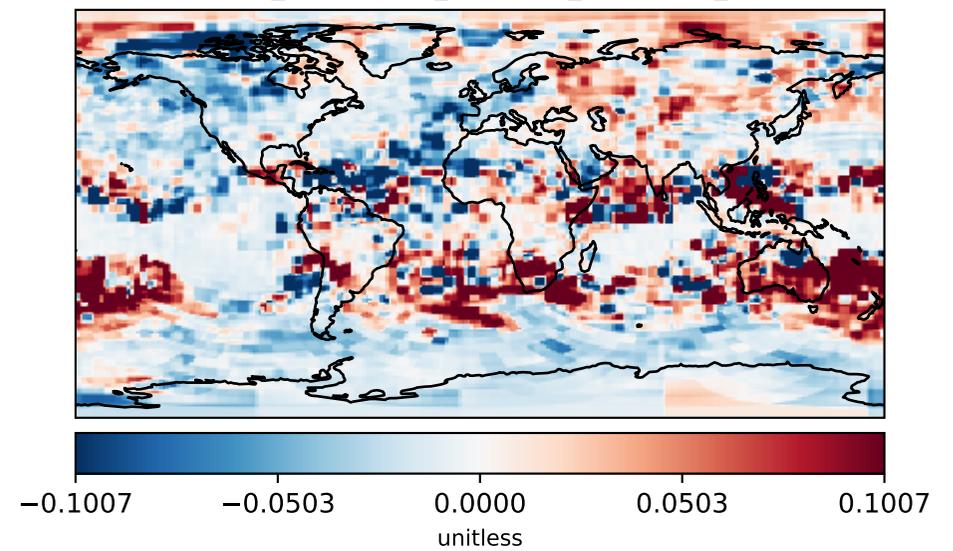
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

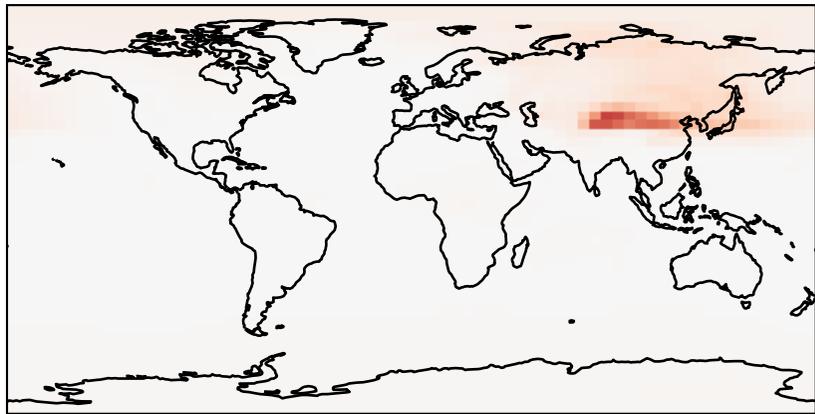


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



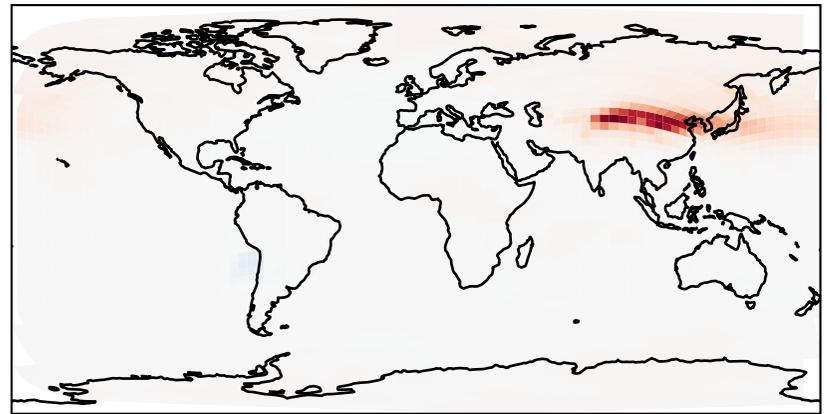
# SpeciesConcVV\_SO4 (Jan2019)

gcc.14.7.0-rc.0\_-\_gcc.14.5.0-rc.0 (Ref)  
4.0x5.0



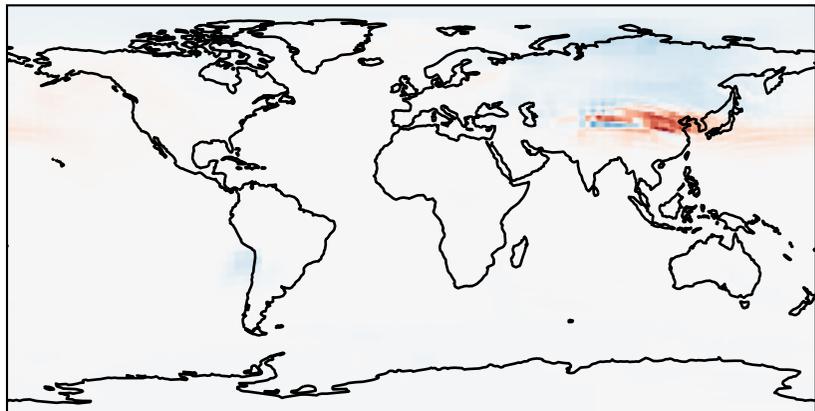
-0.0558 -0.0279 0.0000 0.0279 0.0558  
ppb

gchp.14.7.0-rc.0\_-\_gchp.14.5.0-rc.0 (Dev)  
c24



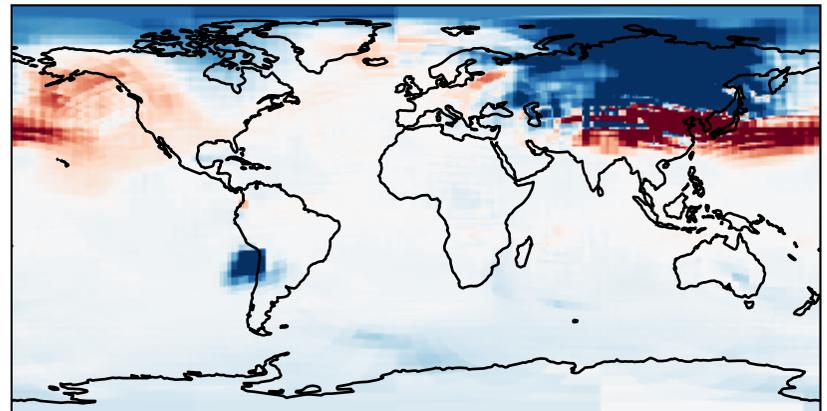
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ppb

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



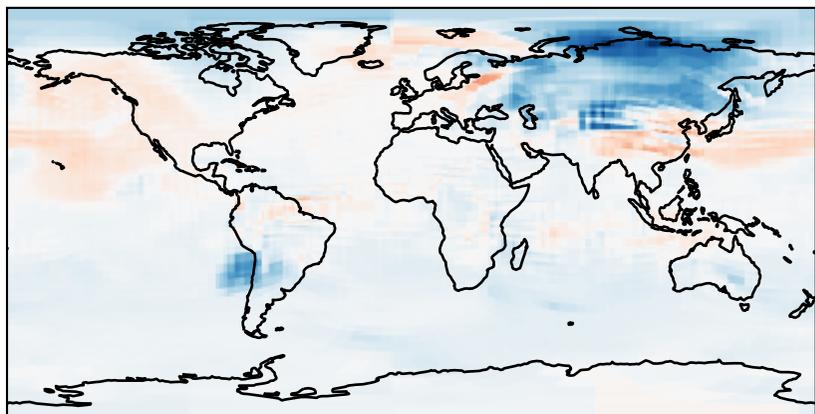
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ppb

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



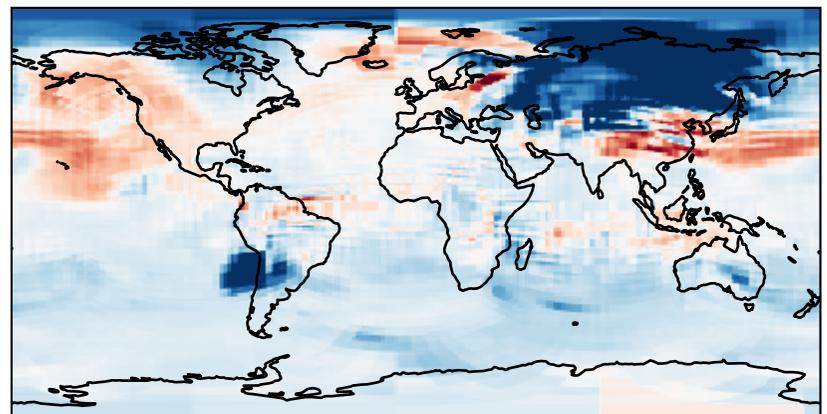
-0.0015 0.0000 0.0015  
ppb

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



-0.1143 -0.0572 0.0000 0.0572 0.1143  
unitless

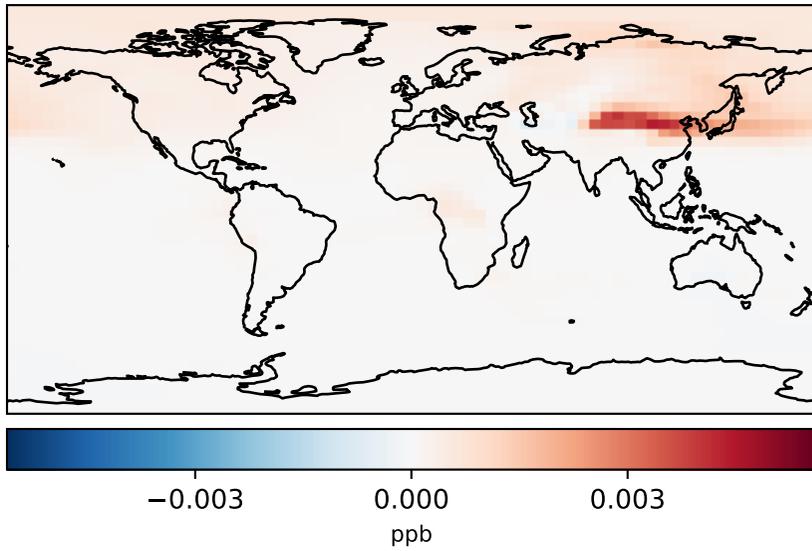
Difference (1x1.25), Restricted Range [5%,95%]  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$



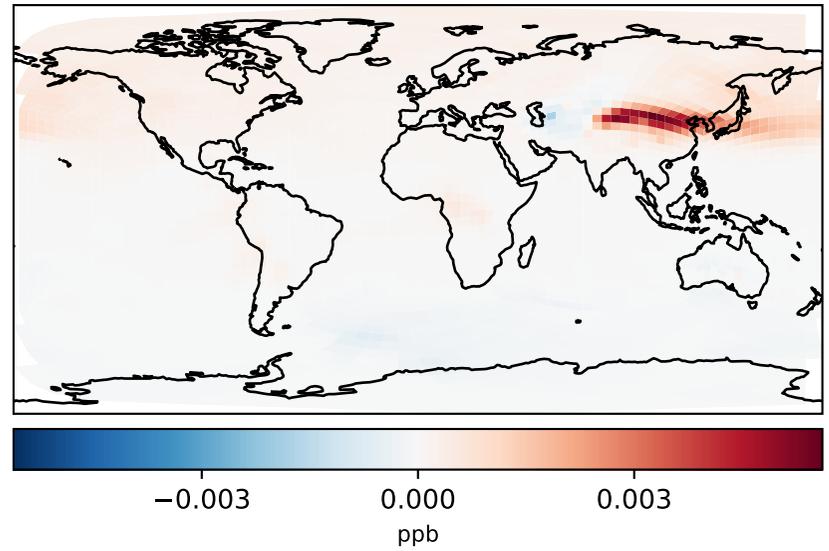
-0.025 0.000 0.025  
unitless

# SpeciesConcVV\_HMS (Jan2019)

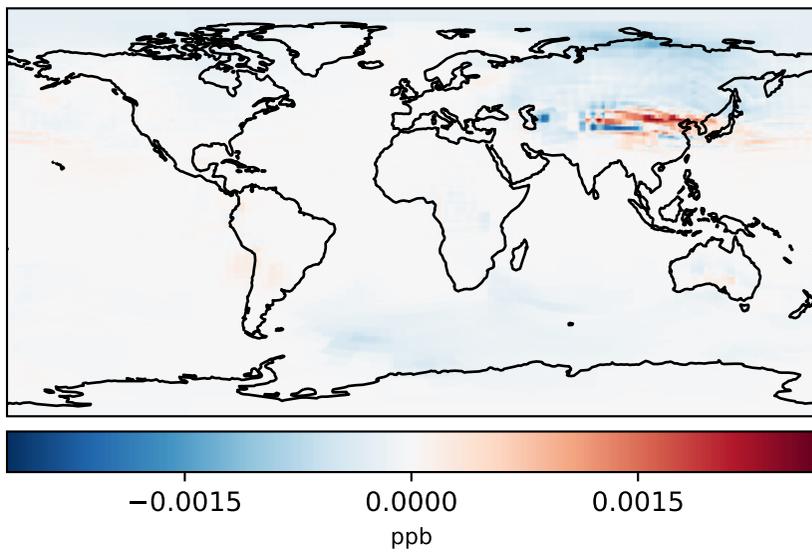
gcc.14.7.0-rc.0\_-\_gcc.14.5.0-rc.0 (Ref)  
4.0x5.0



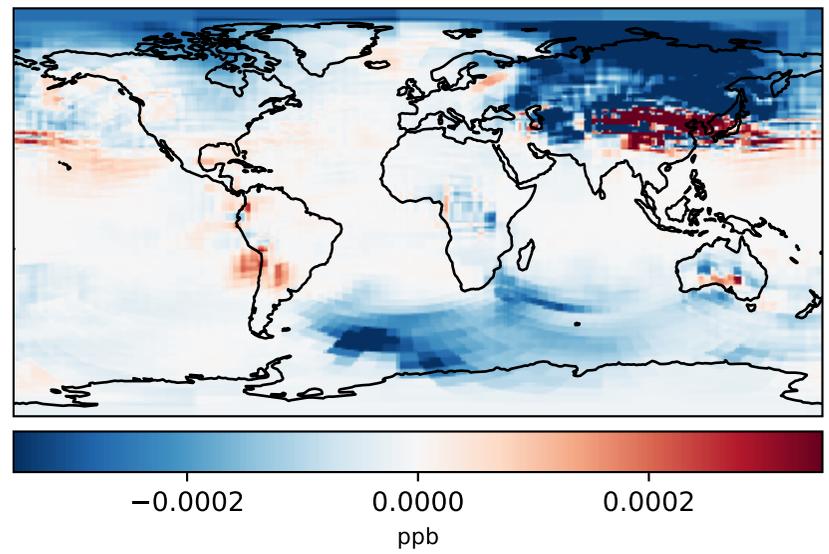
gchp.14.7.0-rc.0\_-\_gchp.14.5.0-rc.0 (Dev)  
c24



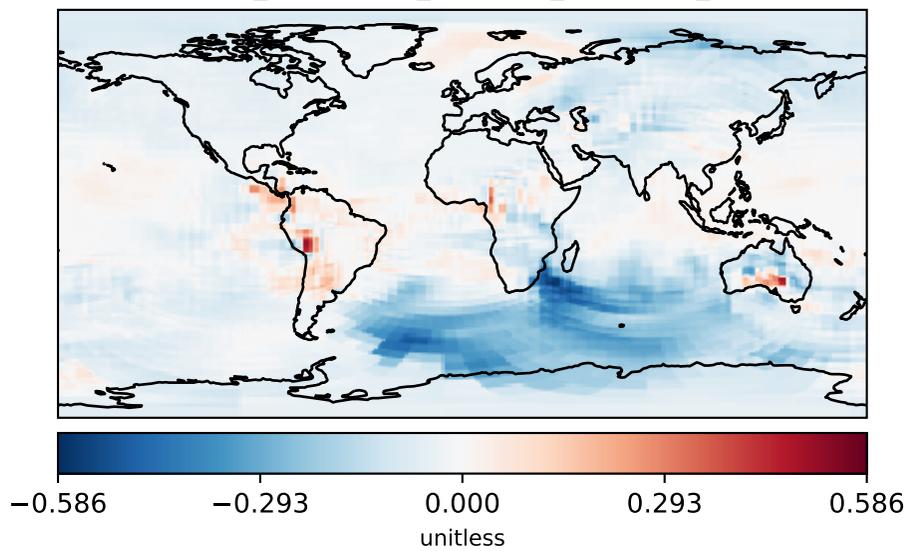
Difference (1x1.25)  
Dev - Ref, Dynamic Range



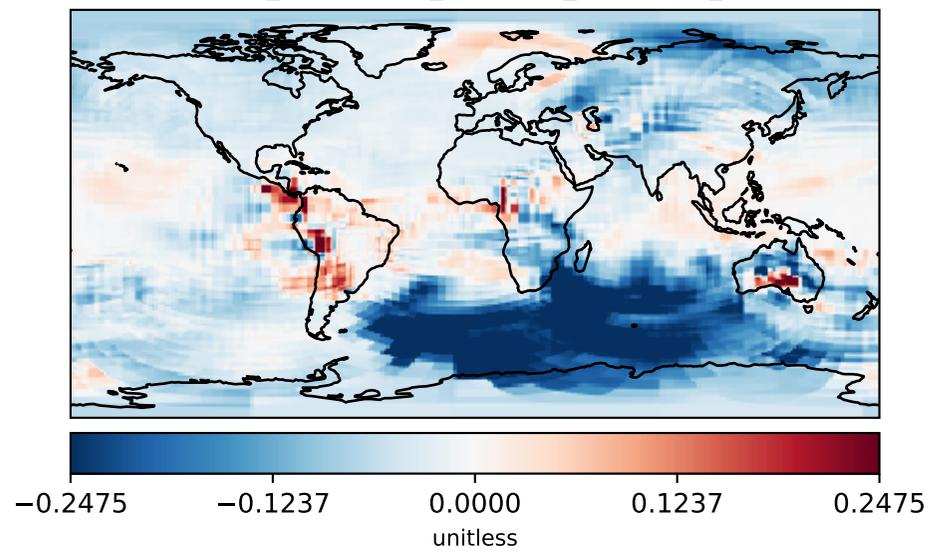
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

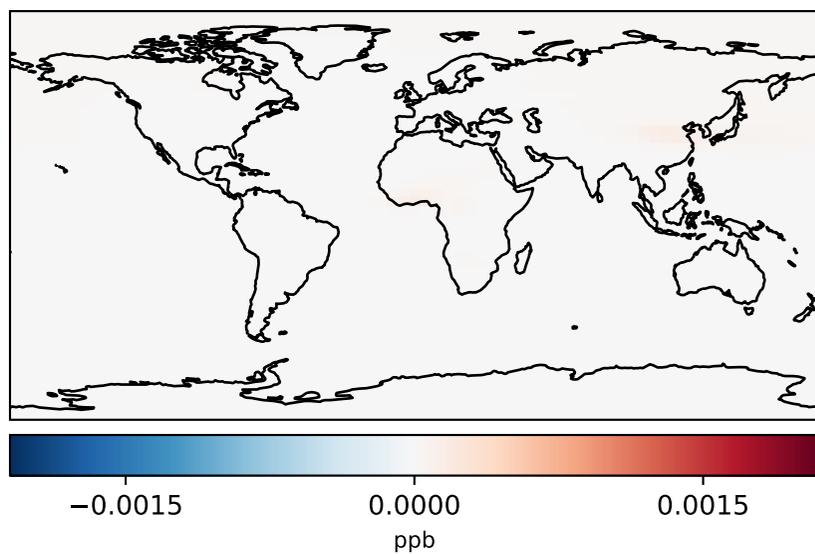


Difference (1x1.25), Restricted Range [5%,95%]  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

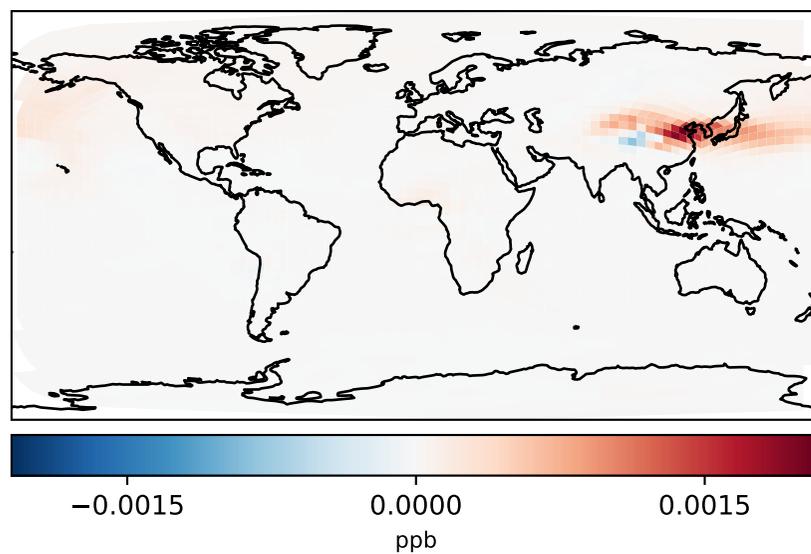


# SpeciesConcVV\_BCPI (Jan2019)

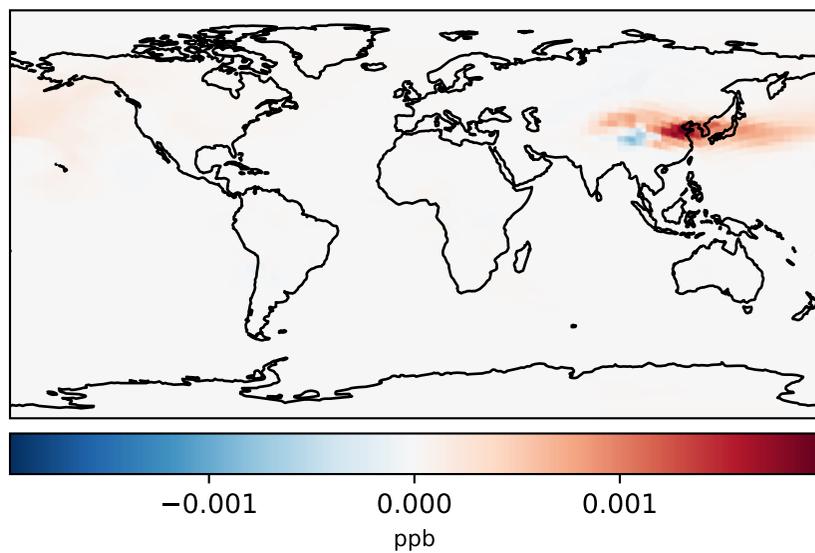
gcc.14.7.0-rc.0 - gcc.14.5.0-rc.0 (Ref)  
4.0x5.0



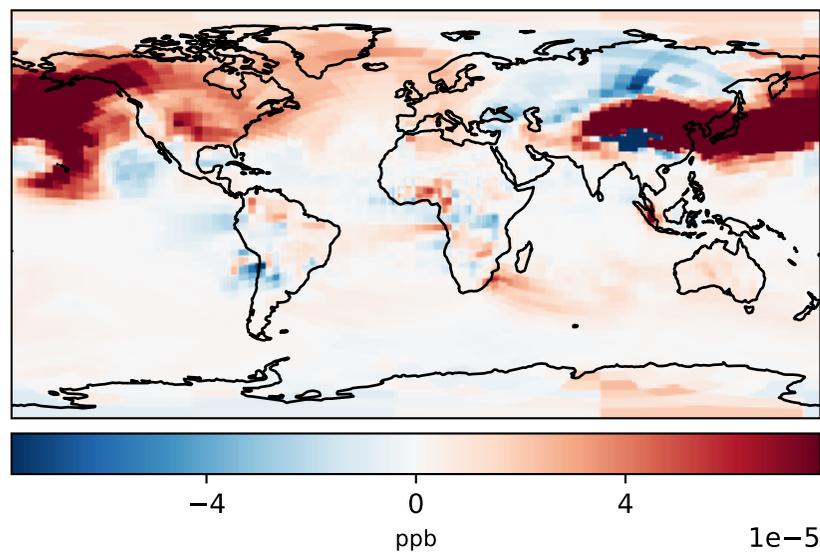
gchp.14.7.0-rc.0 - gchp.14.5.0-rc.0 (Dev)  
c24



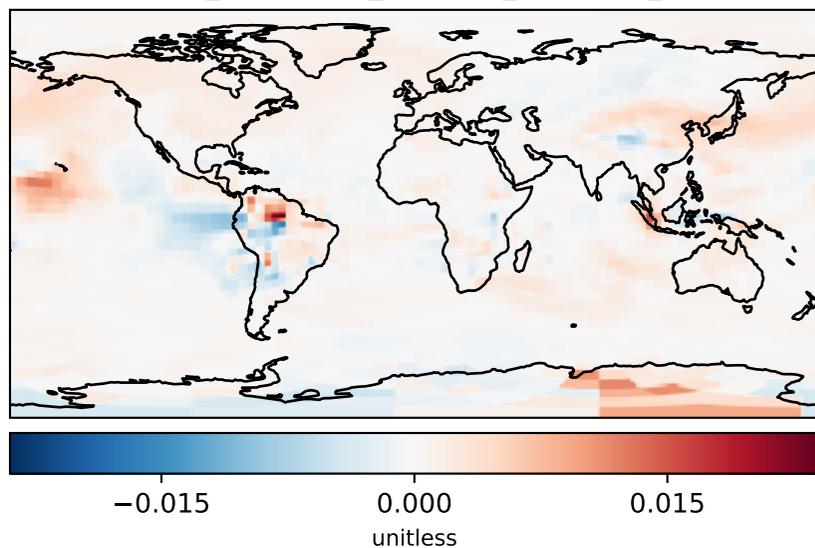
Difference (1x1.25)  
Dev - Ref, Dynamic Range



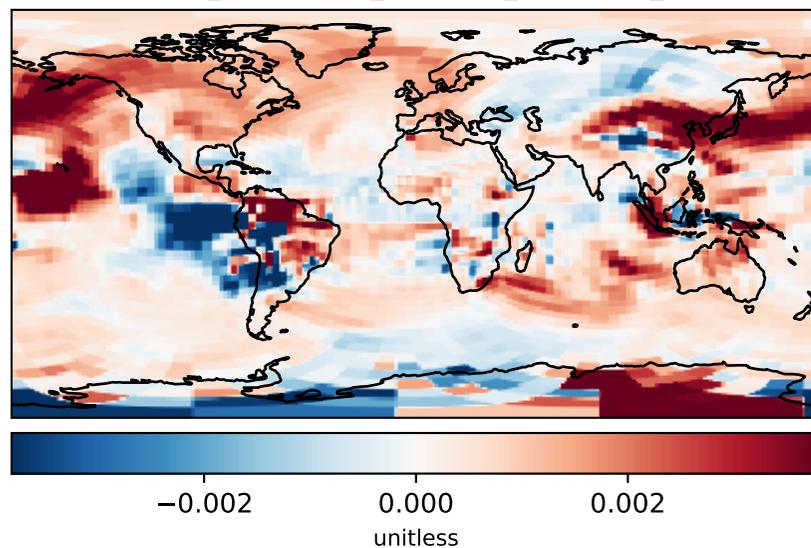
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

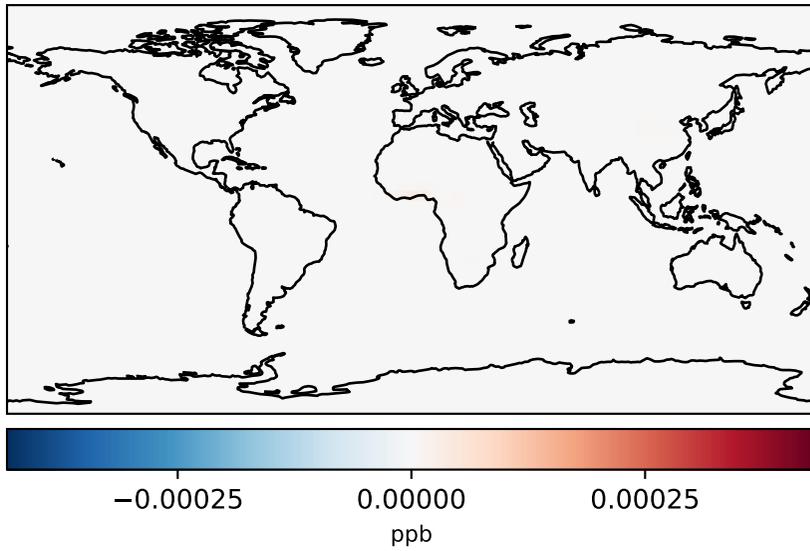


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

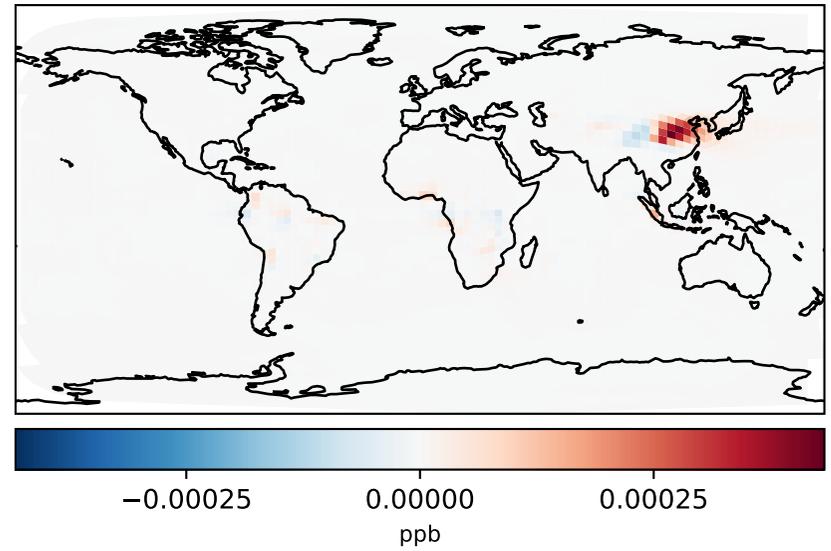


# SpeciesConcVV\_BCPO (Jan2019)

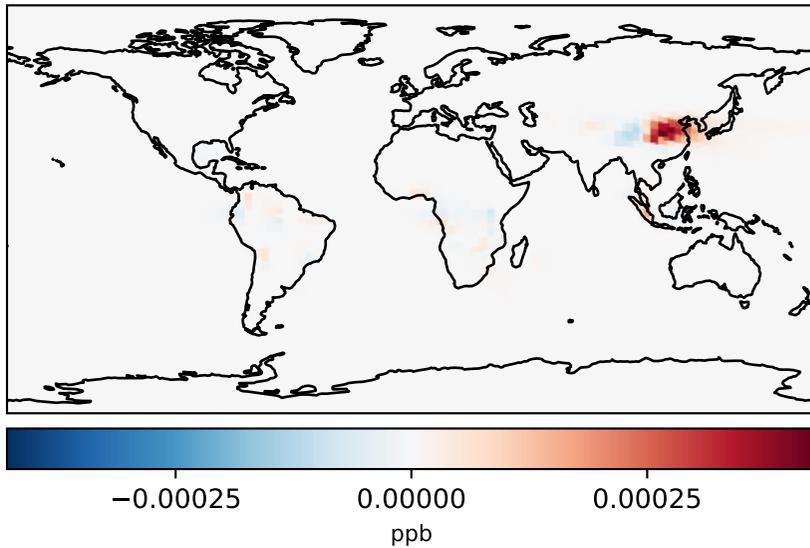
gcc.14.7.0-rc.0 - gcc.14.5.0-rc.0 (Ref)  
4.0x5.0



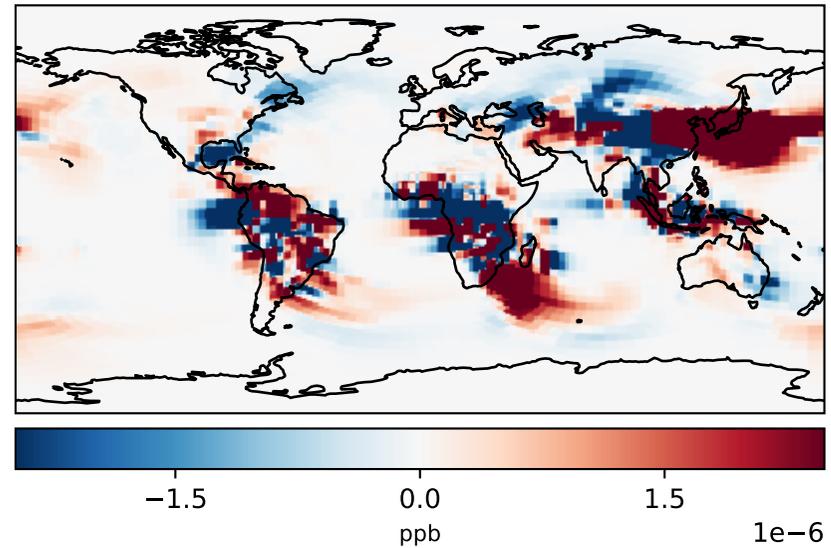
gchp.14.7.0-rc.0 - gchp.14.5.0-rc.0 (Dev)  
c24



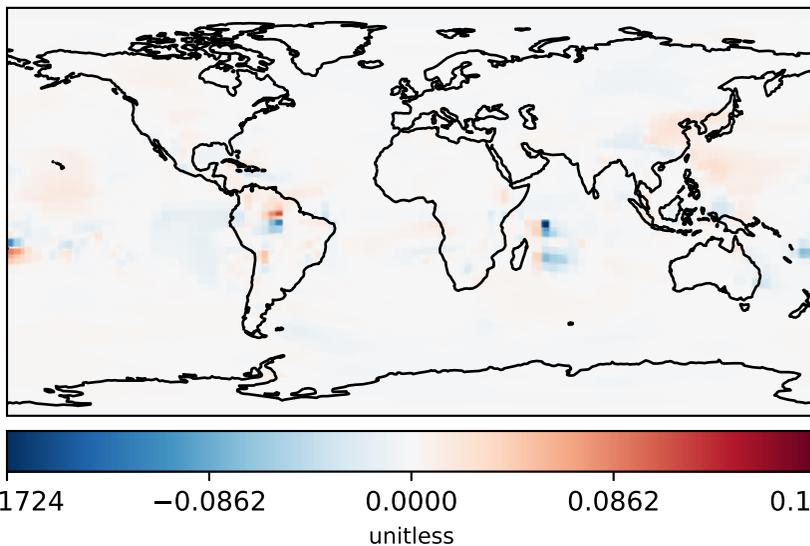
Difference (1x1.25)  
Dev - Ref, Dynamic Range



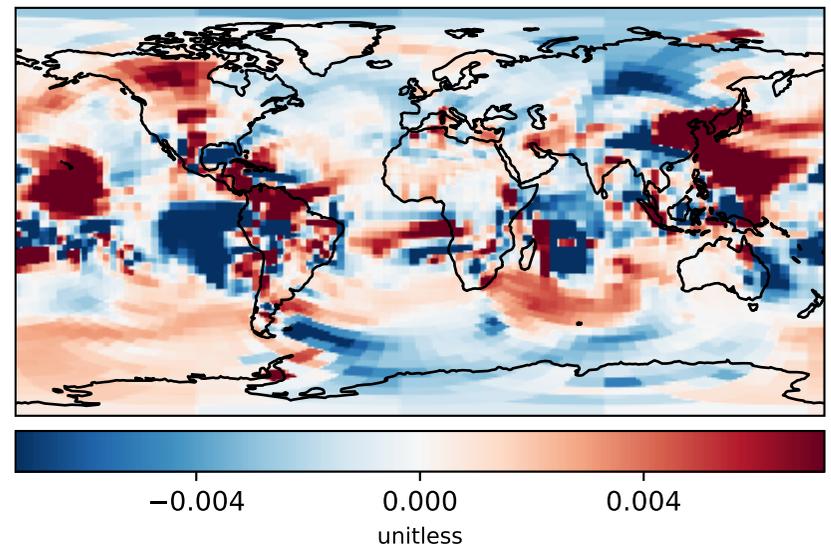
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
 $GCHP_{dev} / GCHP_{ref} - GCC_{dev} / GCC_{ref}$

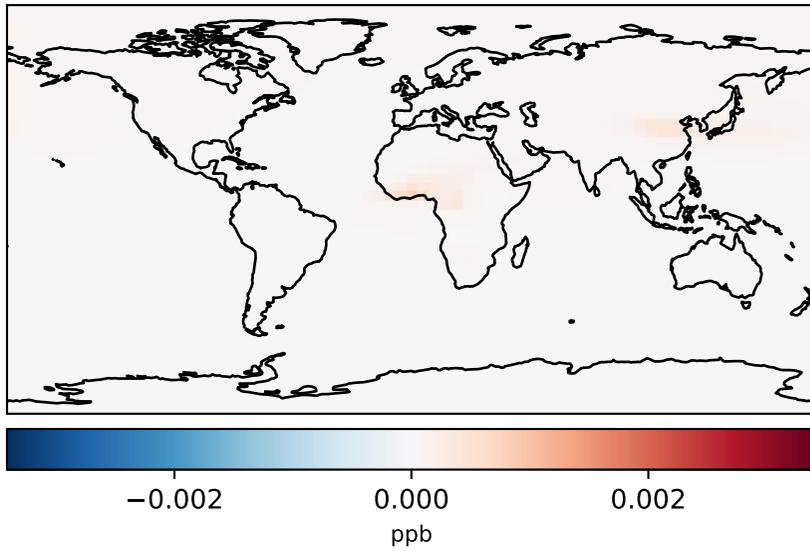


Difference (1x1.25), Restricted Range [5%,95%]  
 $GCHP_{dev} / GCHP_{ref} - GCC_{dev} / GCC_{ref}$

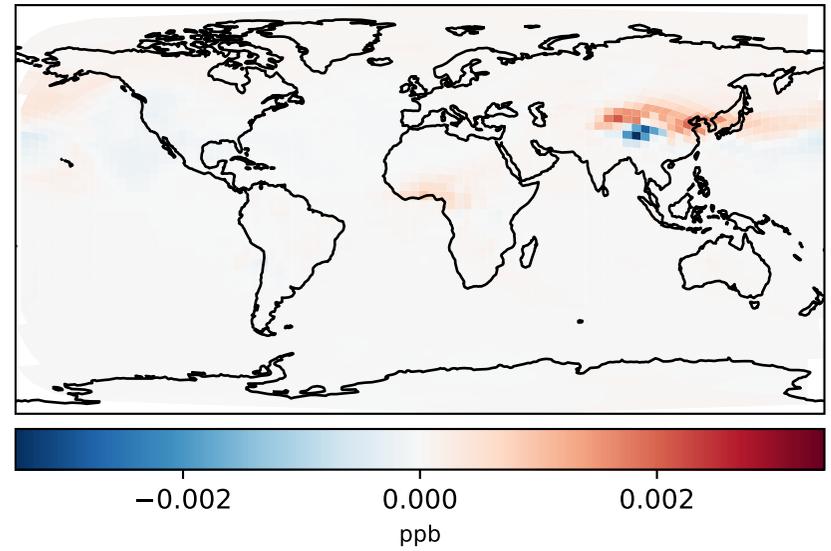


# SpeciesConcVW\_OCPI (Jan2019)

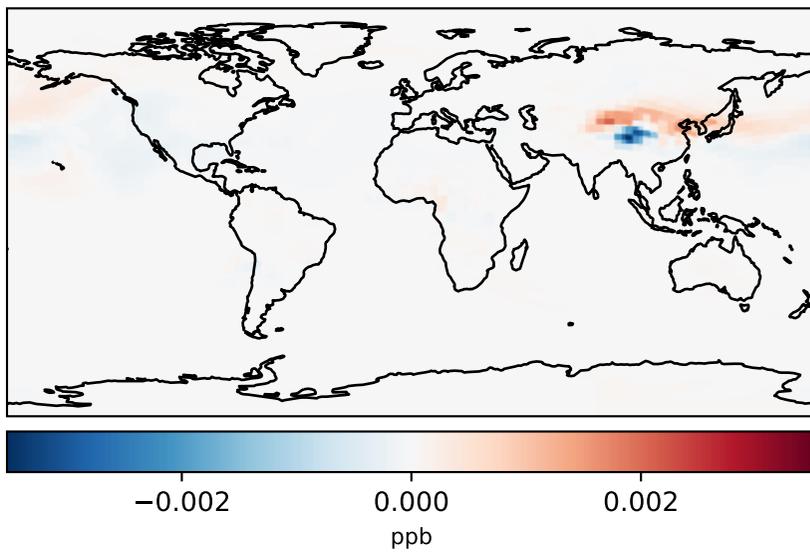
gcc.14.7.0-rc.0\_-\_gcc.14.5.0-rc.0 (Ref)  
4.0x5.0



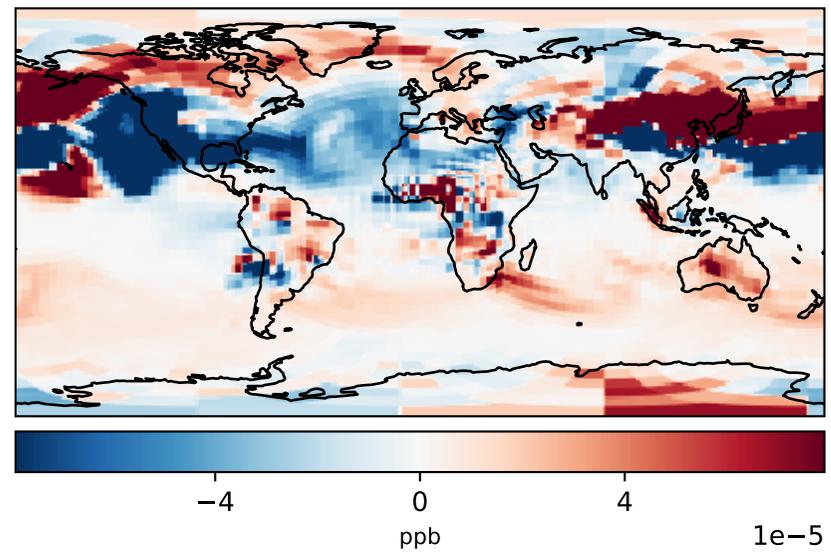
gchp.14.7.0-rc.0\_-\_gchp.14.5.0-rc.0 (Dev)  
c24



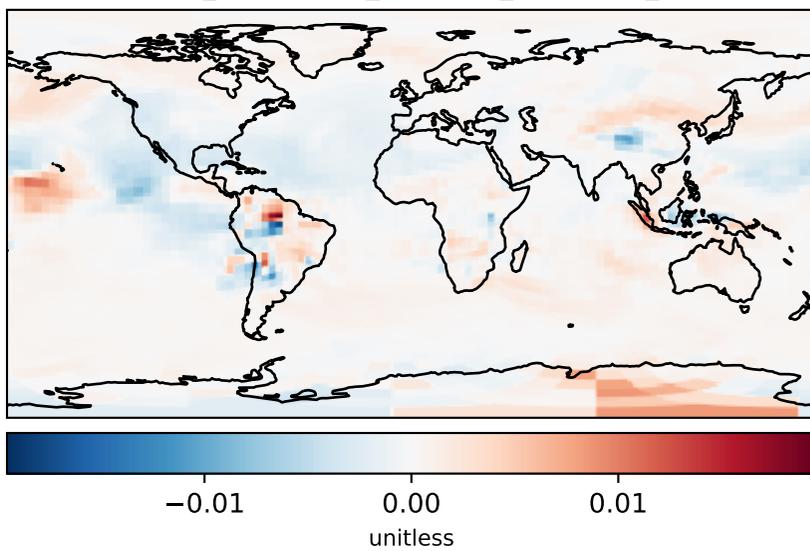
Difference (1x1.25)  
Dev - Ref, Dynamic Range



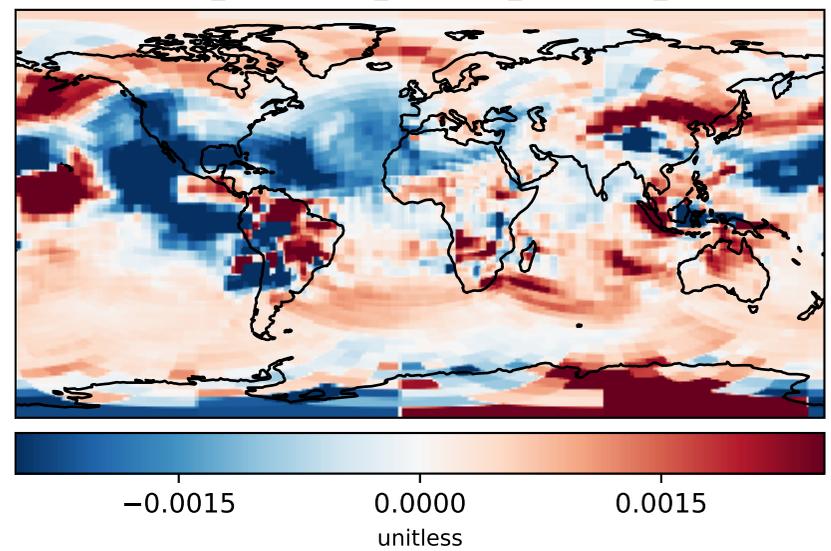
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

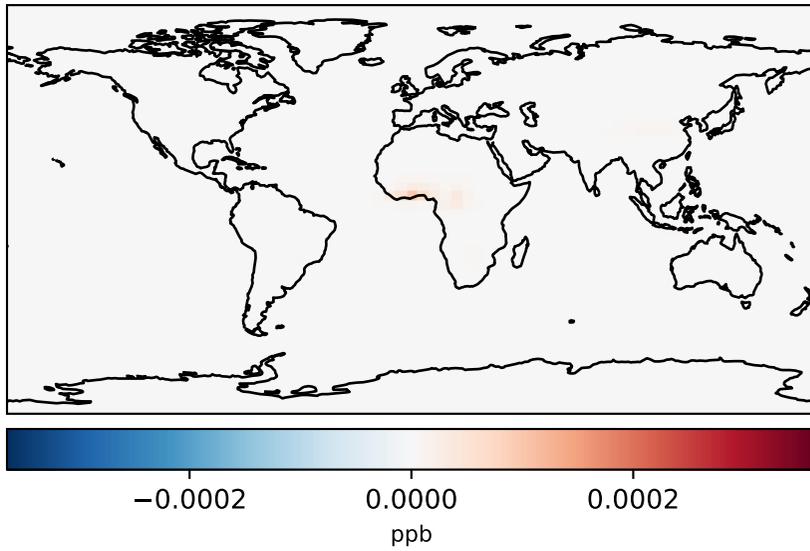


Difference (1x1.25), Restricted Range [5%,95%]  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

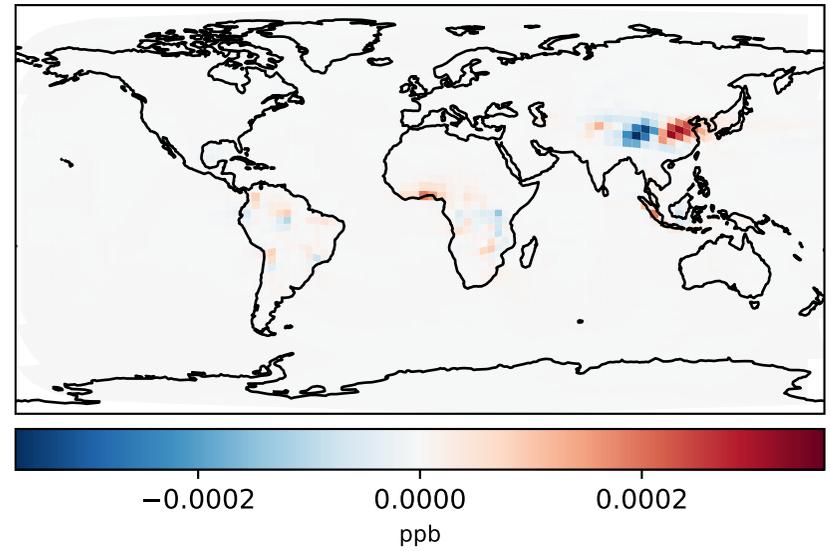


# SpeciesConcVW\_OCPO (Jan2019)

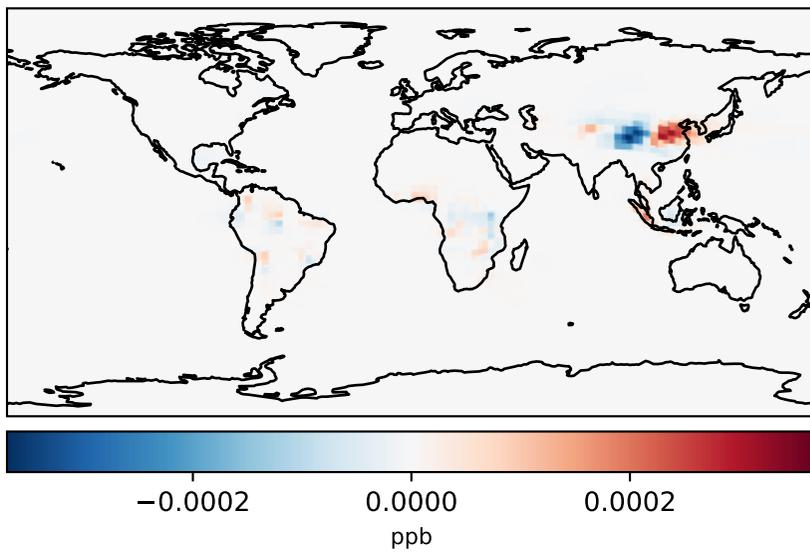
gcc.14.7.0-rc.0\_-\_gcc.14.5.0-rc.0 (Ref)  
4.0x5.0



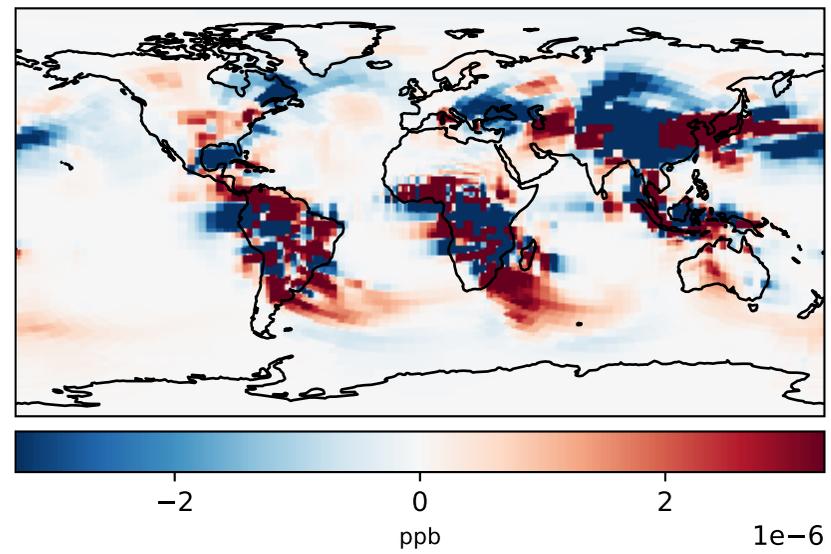
gchp.14.7.0-rc.0\_-\_gchp.14.5.0-rc.0 (Dev)  
c24



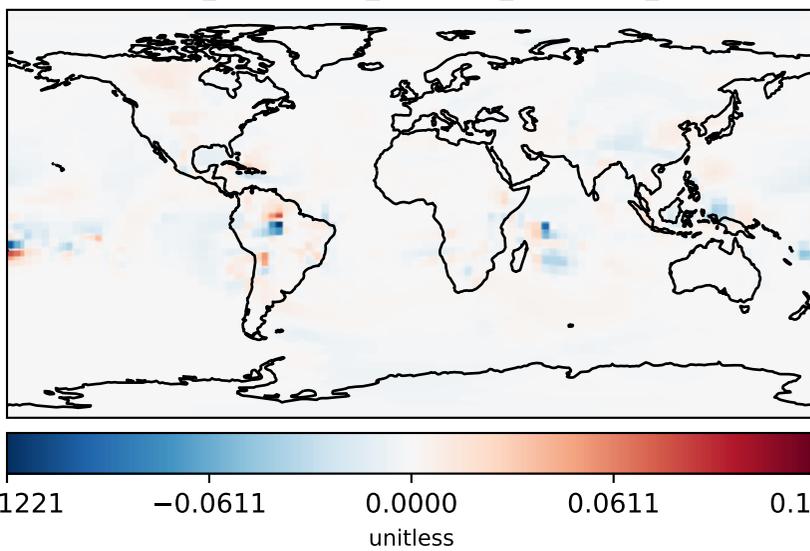
Difference (1x1.25)  
Dev - Ref, Dynamic Range



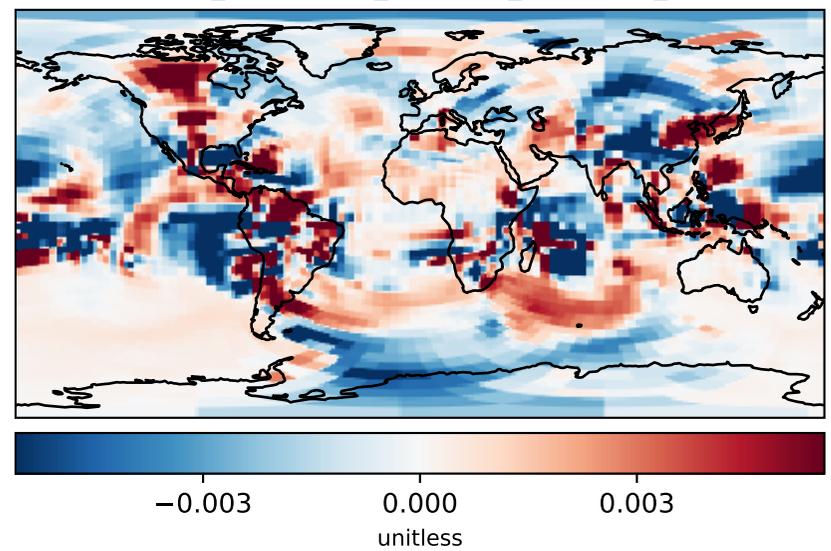
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

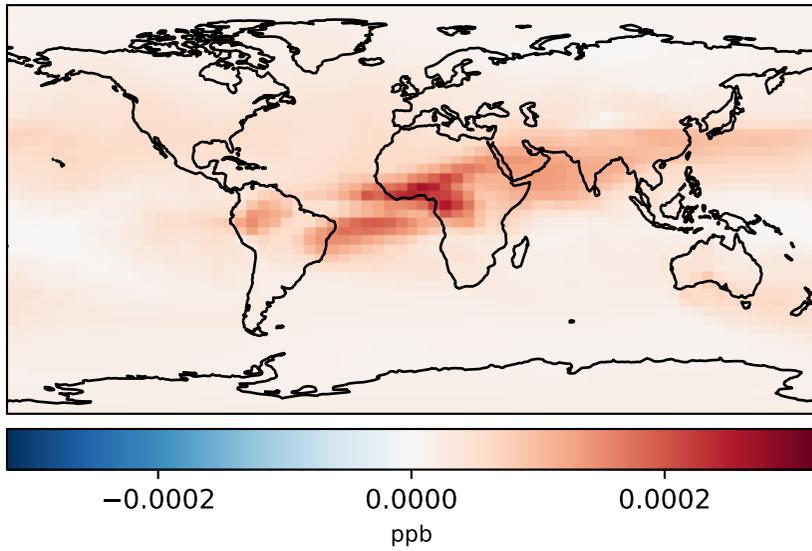


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

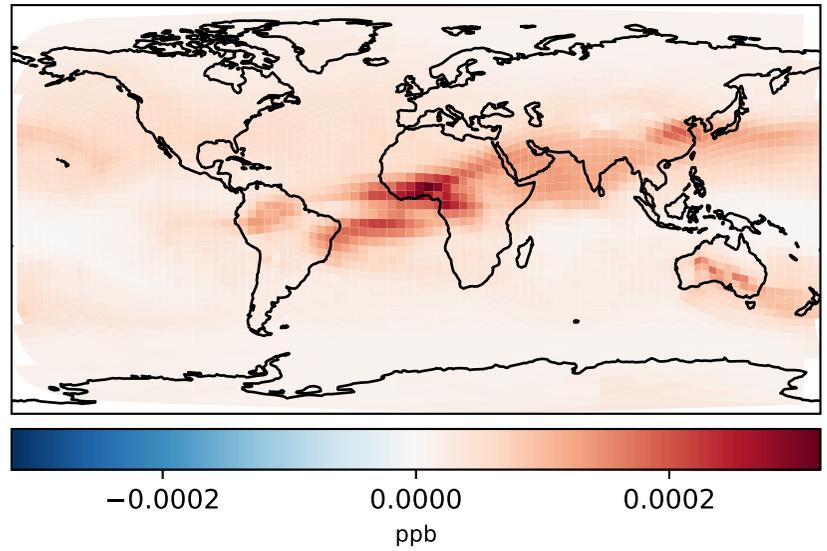


# SpeciesConcVV\_Complex\_SOA (Jan2019)

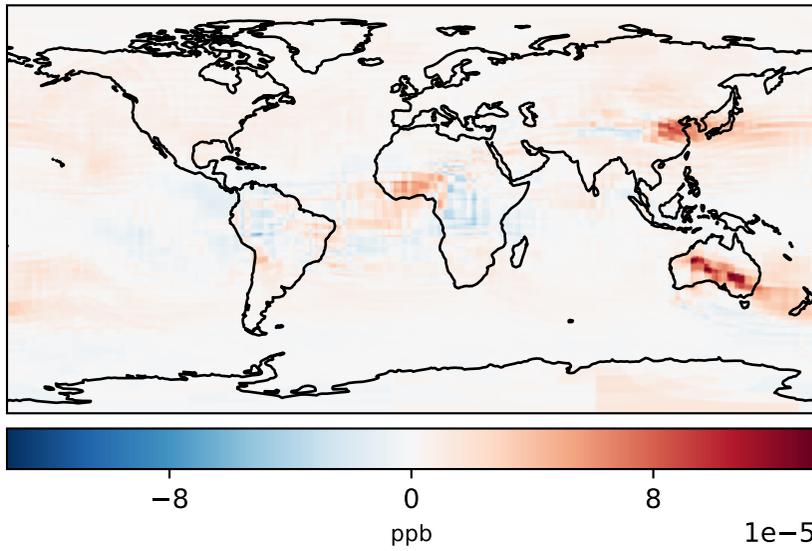
gcc.14.7.0-rc.0\_-\_gcc.14.5.0-rc.0 (Ref)  
4.0x5.0



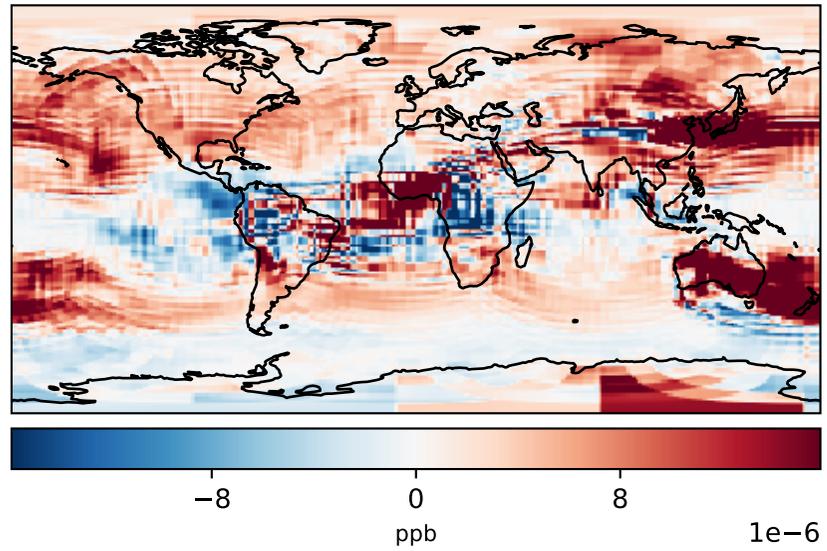
gchp.14.7.0-rc.0\_-\_gchp.14.5.0-rc.0 (Dev)  
c24



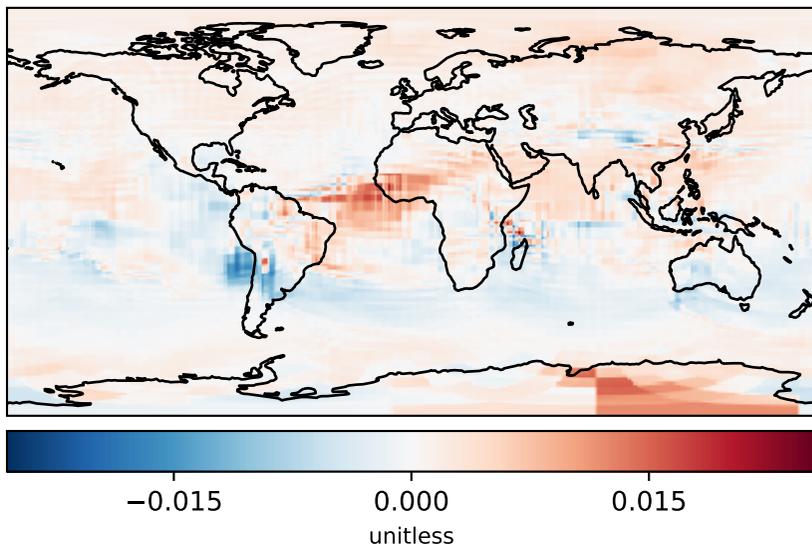
Difference (1x1.25)  
Dev - Ref, Dynamic Range



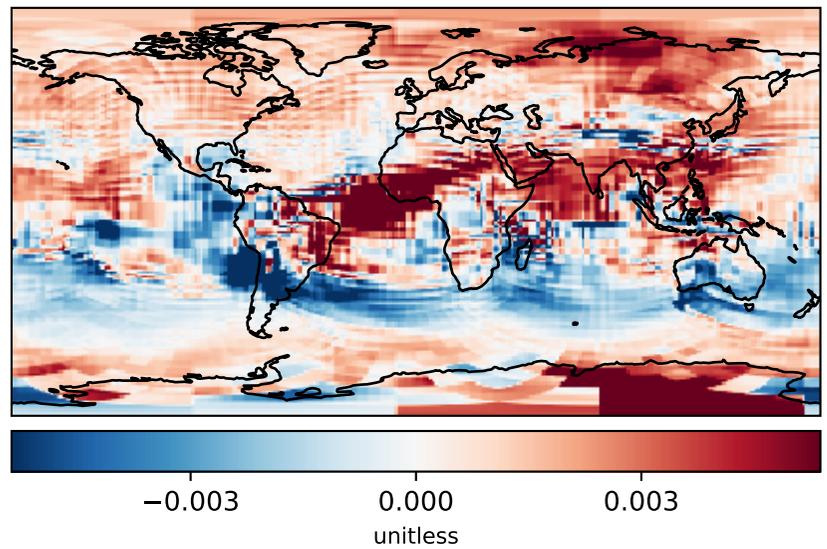
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

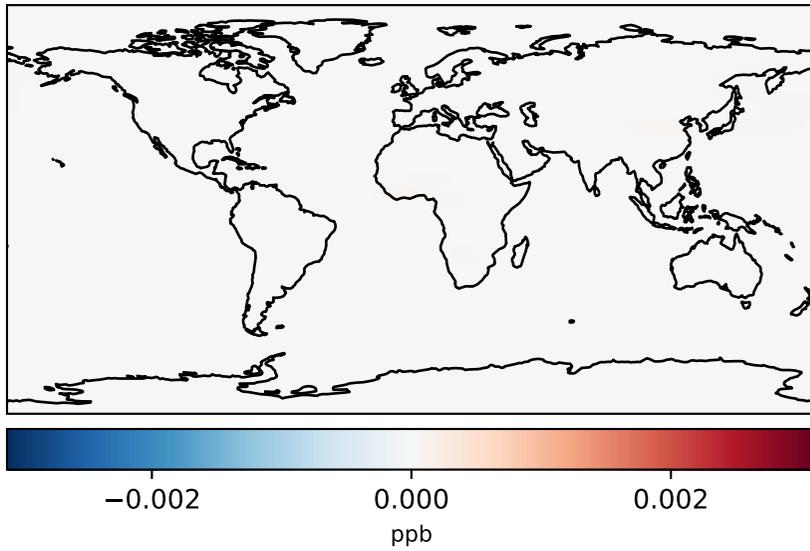


Difference (1x1.25), Restricted Range [5%,95%]  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

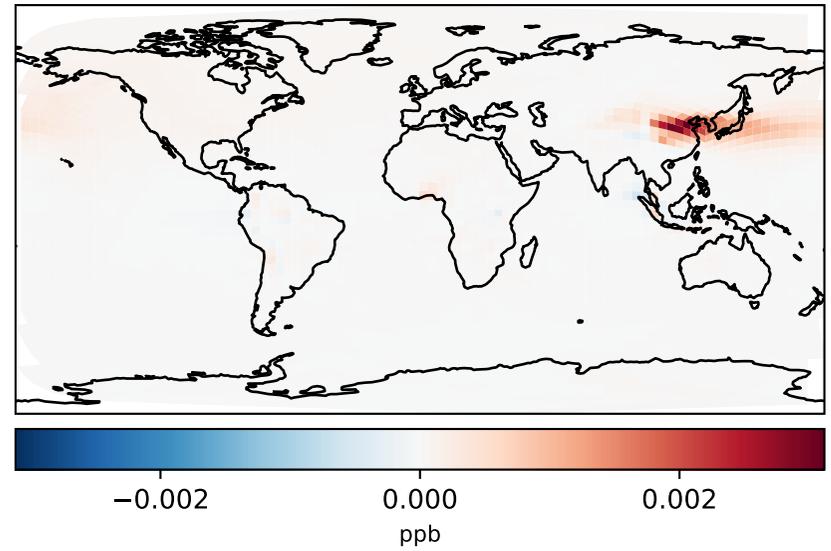


# SpeciesConcVV\_Simple\_SOA (Jan2019)

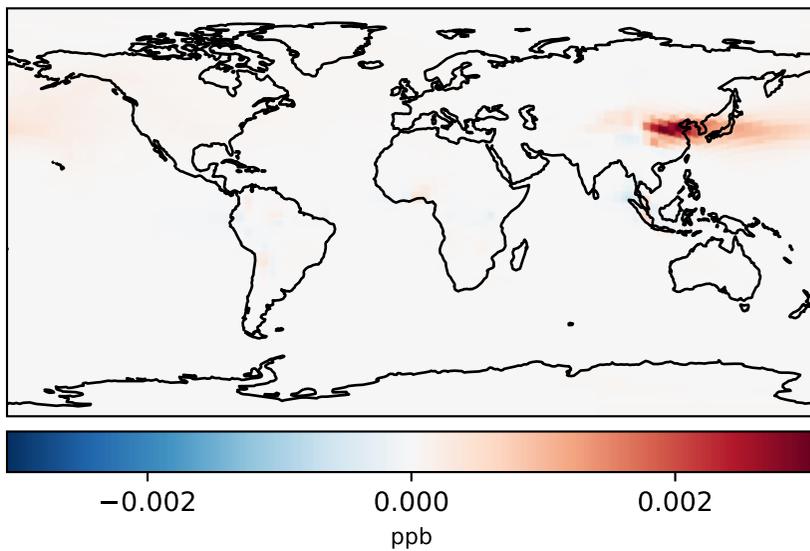
gcc.14.7.0-rc.0 - gcc.14.5.0-rc.0 (Ref)  
4.0x5.0



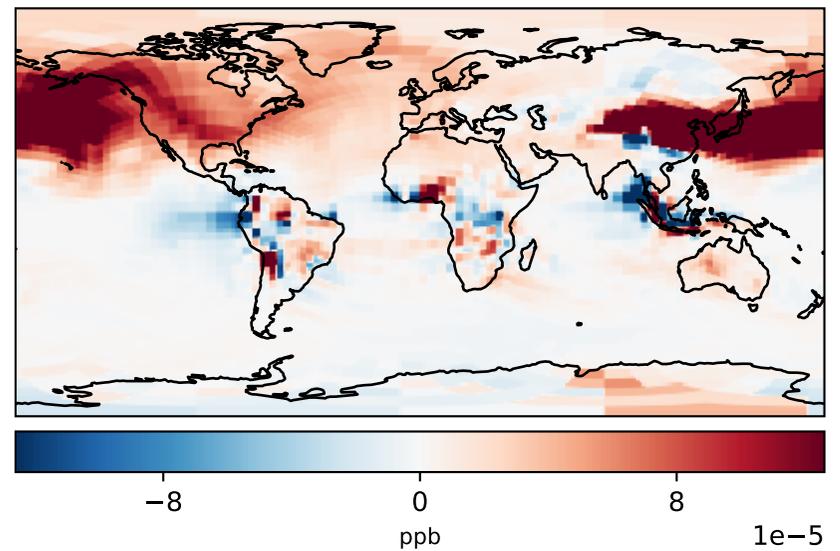
gchp.14.7.0-rc.0 - gchp.14.5.0-rc.0 (Dev)  
c24



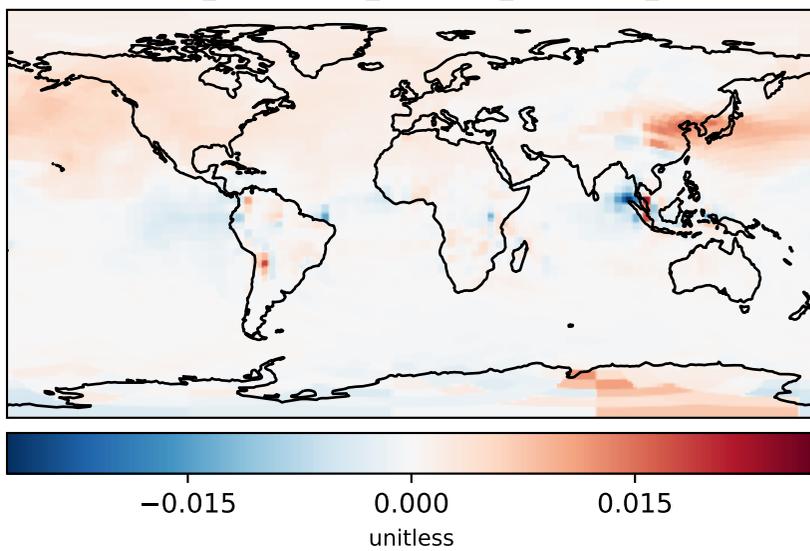
Difference (1x1.25)  
Dev - Ref, Dynamic Range



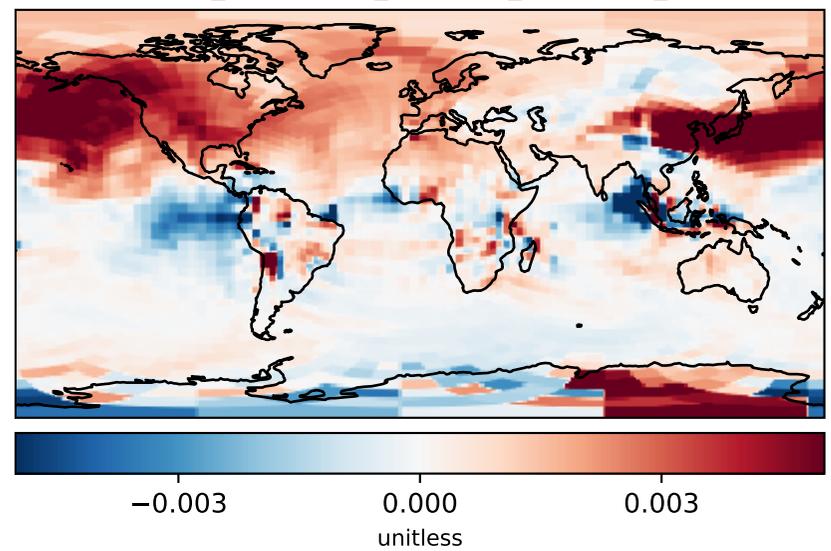
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

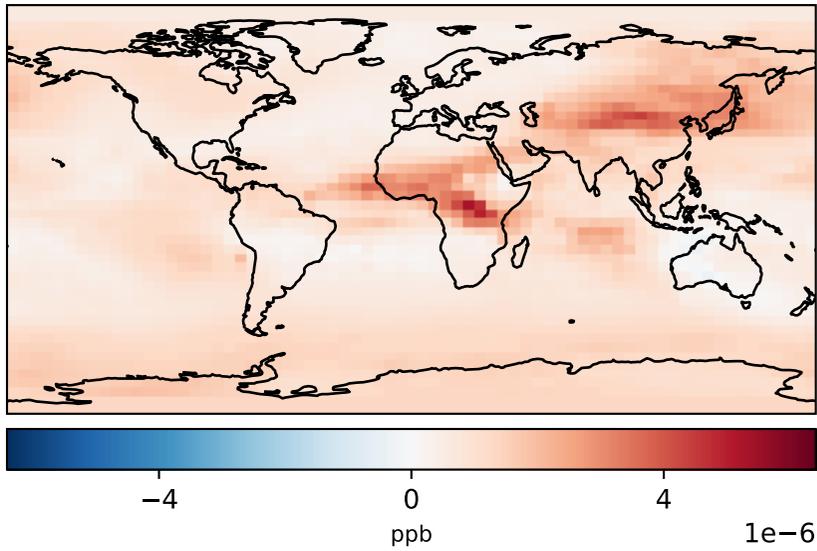


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

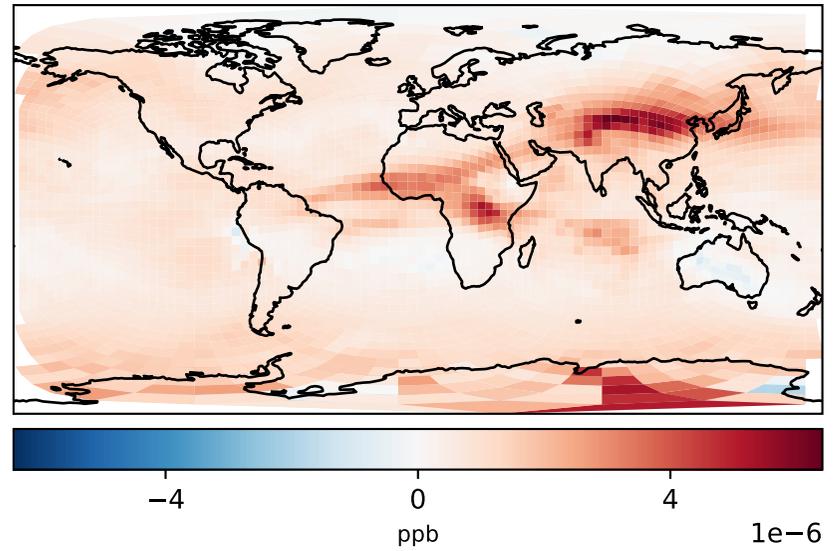


# SpeciesConcVV\_AERI (Jan2019)

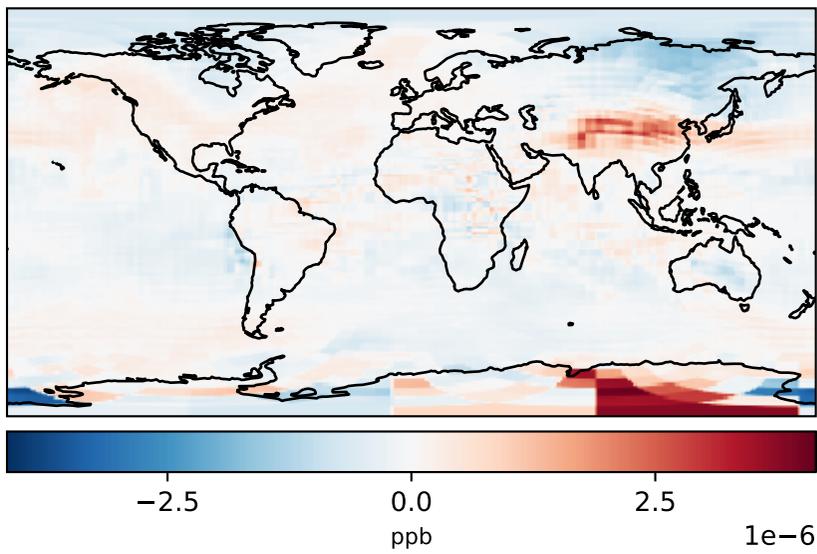
gcc.14.7.0-rc.0\_-gcc.14.5.0-rc.0 (Ref)  
4.0x5.0



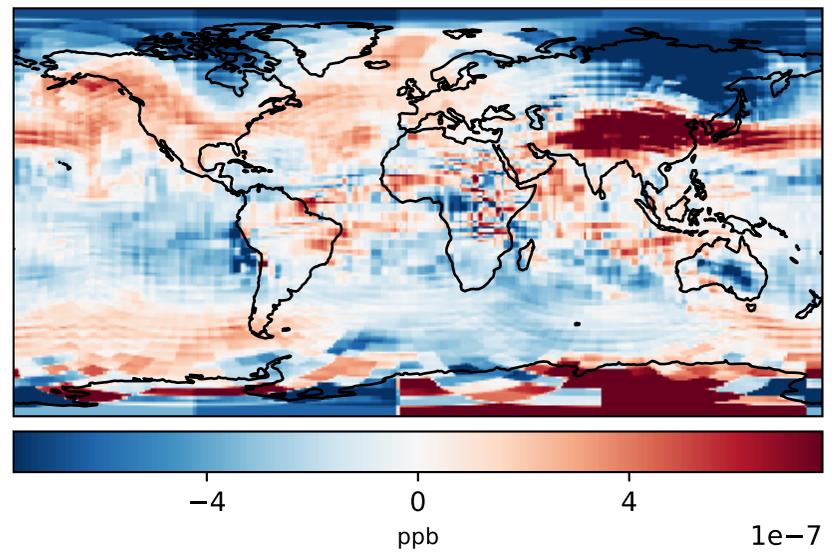
gchp.14.7.0-rc.0\_-gchp.14.5.0-rc.0 (Dev)  
c24



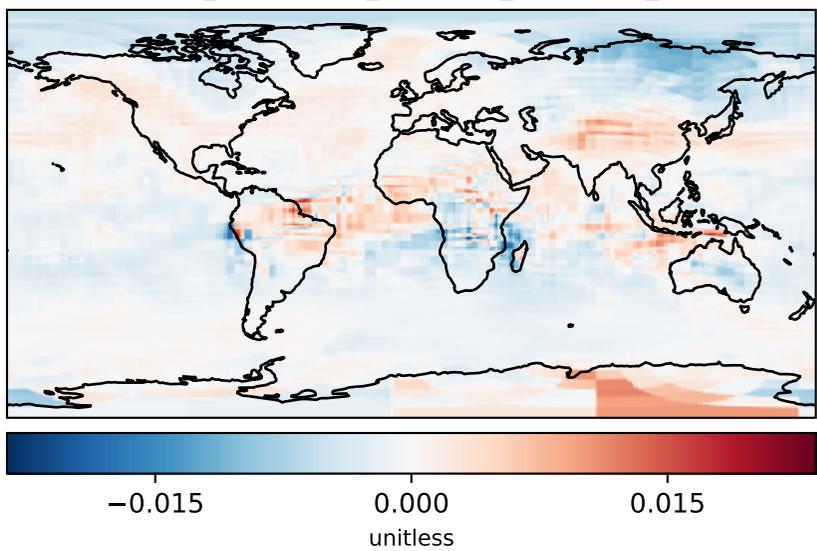
Difference (1x1.25)  
Dev - Ref, Dynamic Range



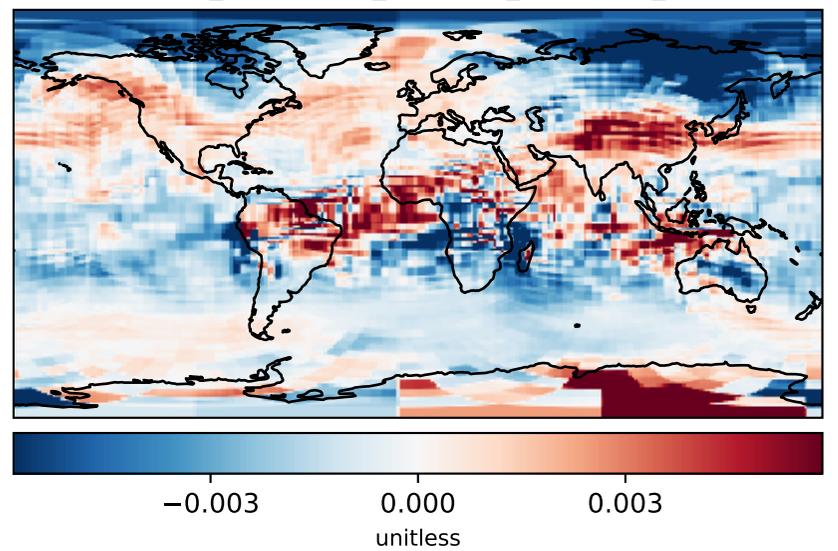
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
 $GCHP_{dev} / GCHP_{ref} - GCC_{dev} / GCC_{ref}$

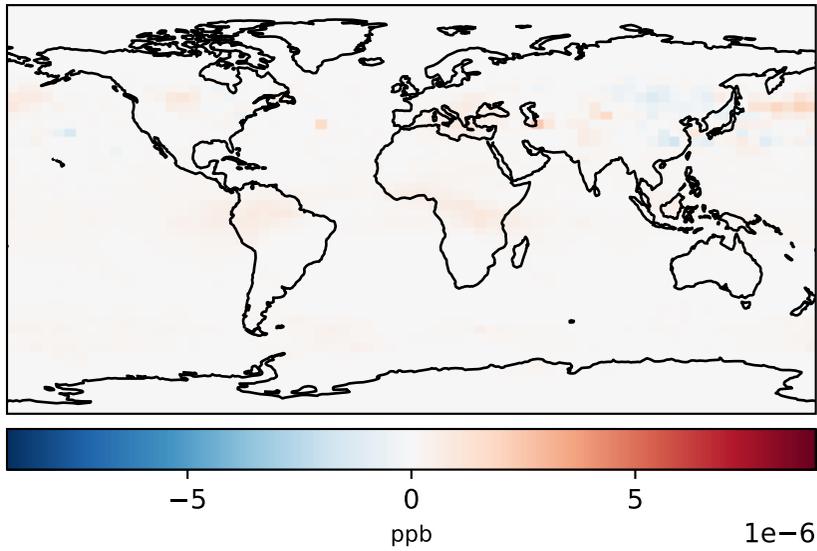


Difference (1x1.25), Restricted Range [5%,95%]  
 $GCHP_{dev} / GCHP_{ref} - GCC_{dev} / GCC_{ref}$

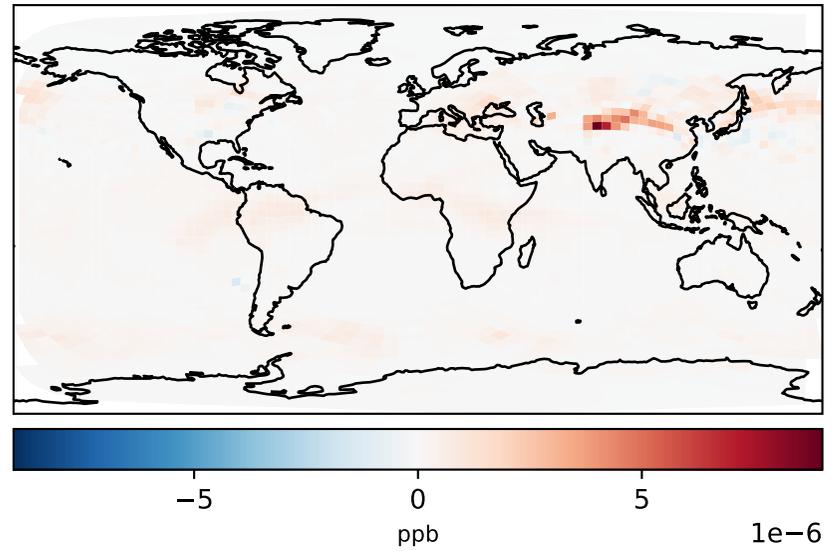


# SpeciesConcVV\_BrSALA (Jan2019)

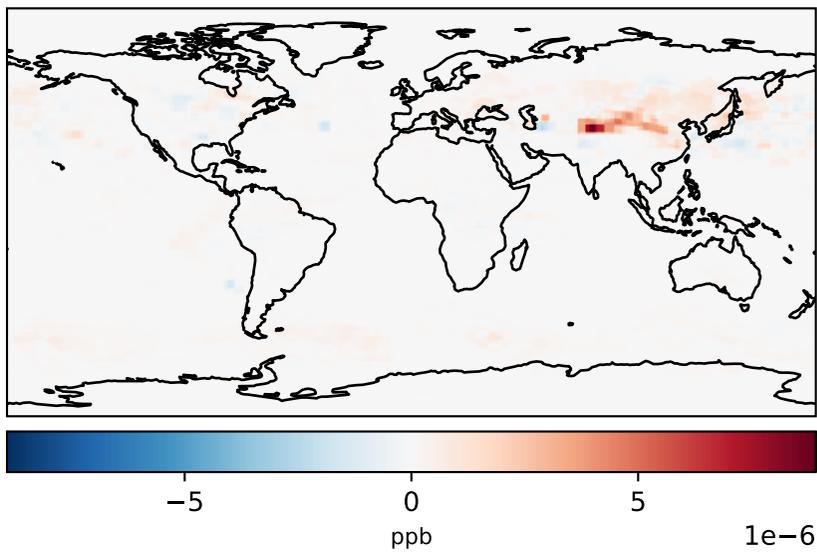
gcc.14.7.0-rc.0 - gcc.14.5.0-rc.0 (Ref)  
4.0x5.0



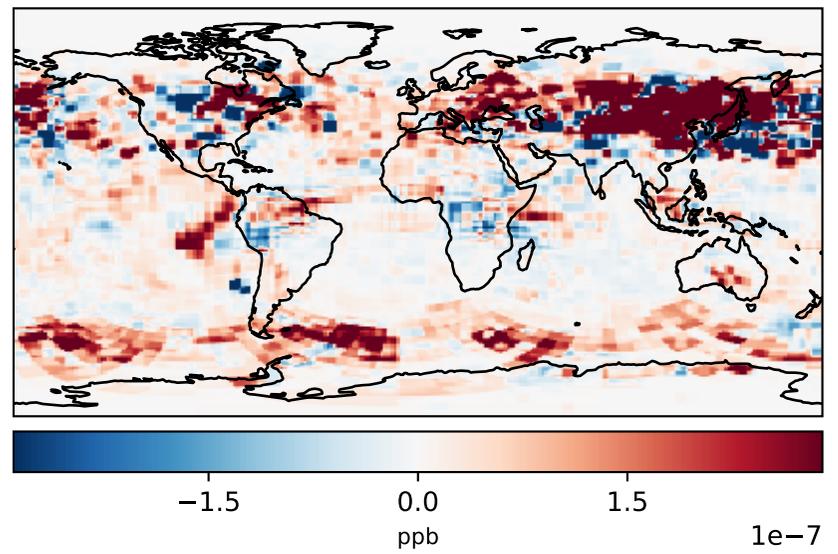
gchp.14.7.0-rc.0 - gchp.14.5.0-rc.0 (Dev)  
c24



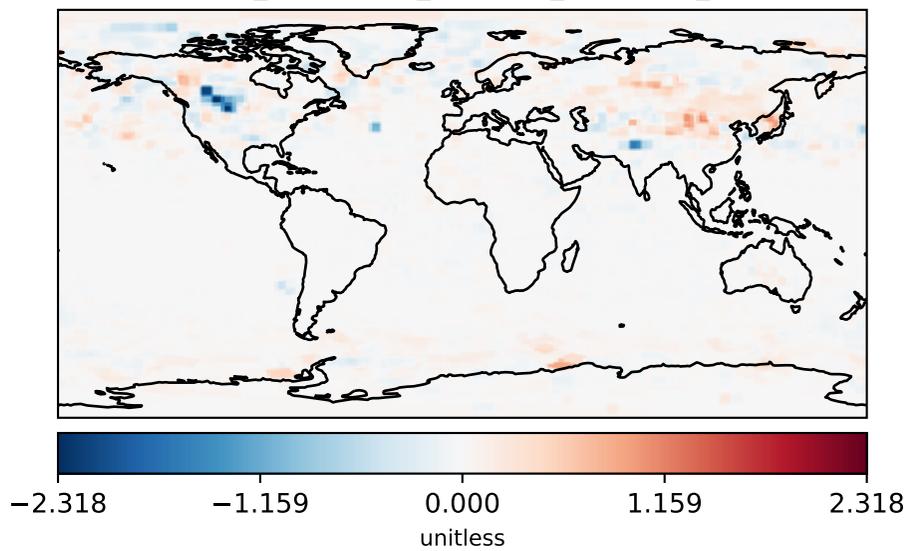
Difference (1x1.25)  
Dev - Ref, Dynamic Range



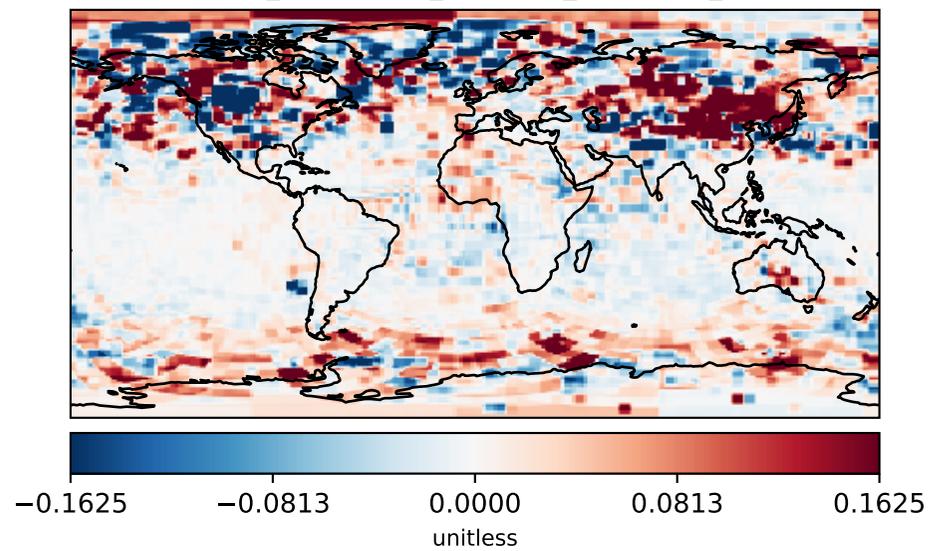
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

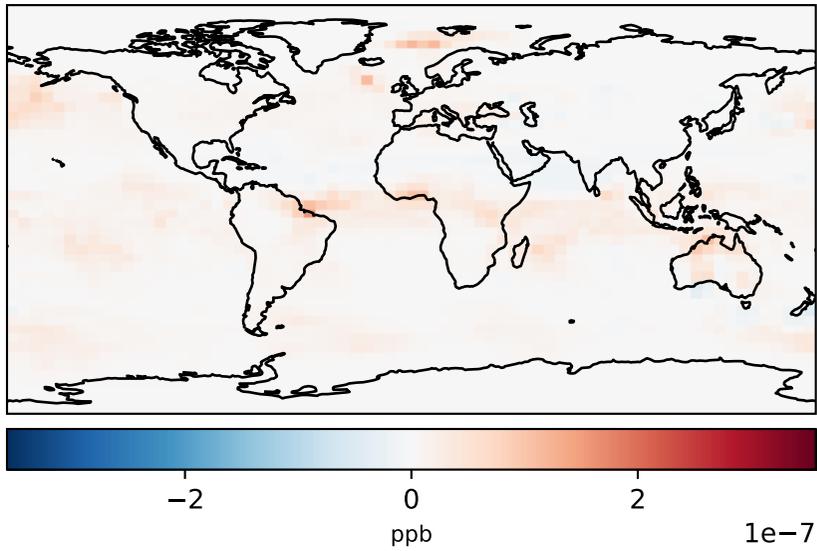


Difference (1x1.25), Restricted Range [5%,95%]  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

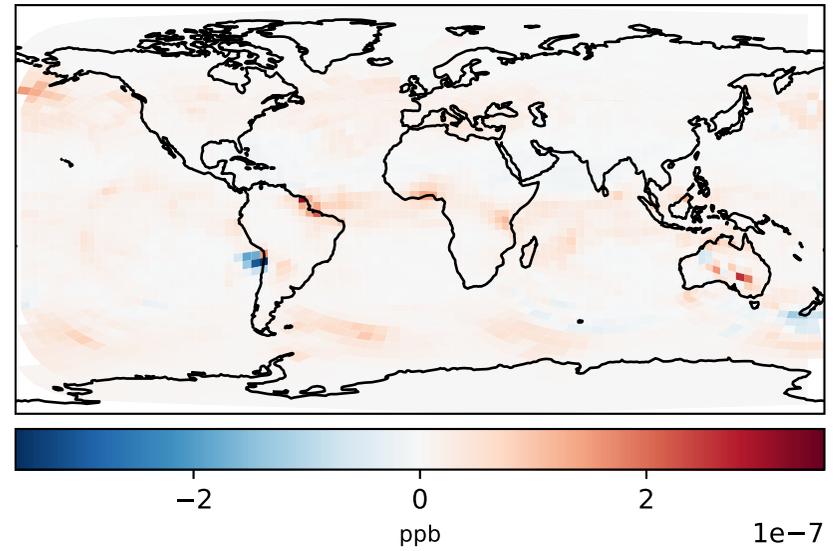


# SpeciesConcVV\_BrSALC (Jan2019)

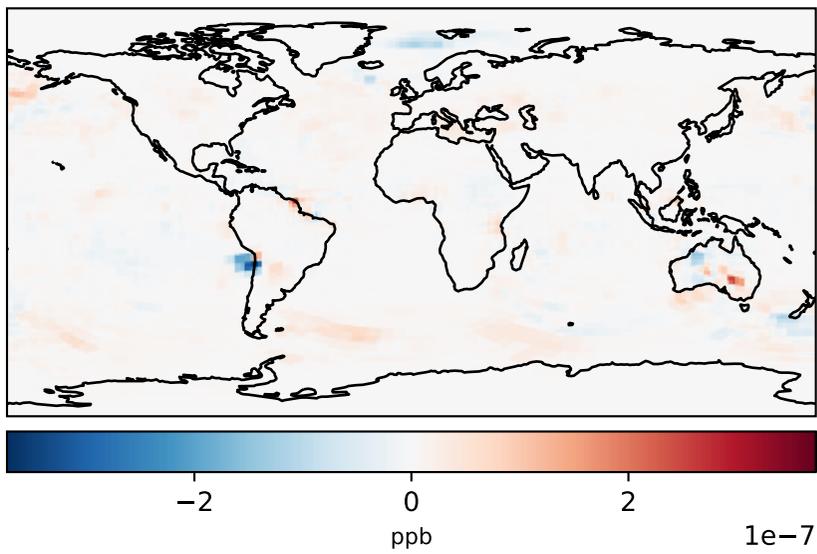
gcc.14.7.0-rc.0\_-\_gcc.14.5.0-rc.0 (Ref)  
4.0x5.0



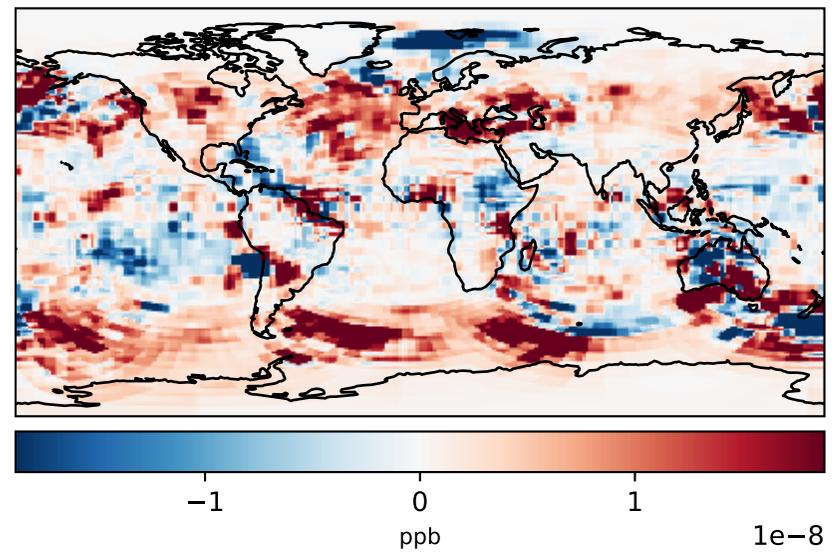
gchp.14.7.0-rc.0\_-\_gchp.14.5.0-rc.0 (Dev)  
c24



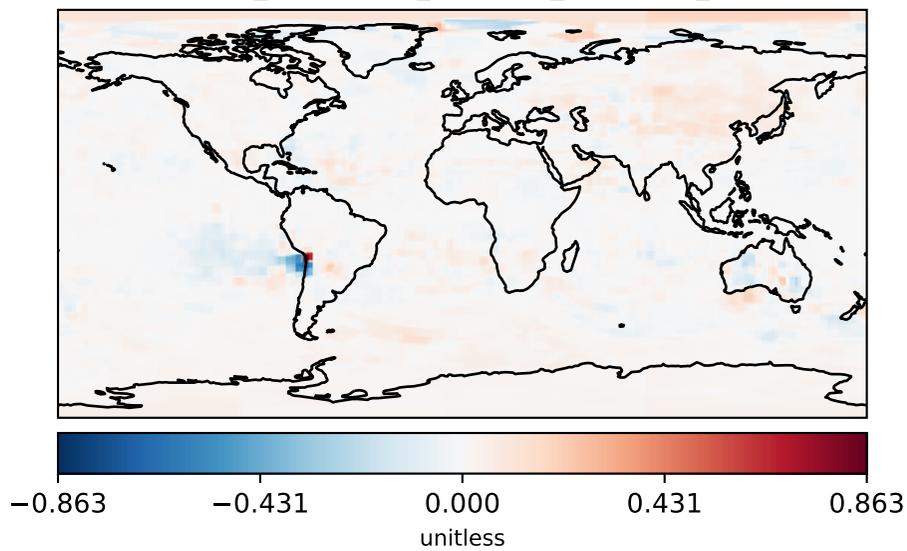
Difference (1x1.25)  
Dev - Ref, Dynamic Range



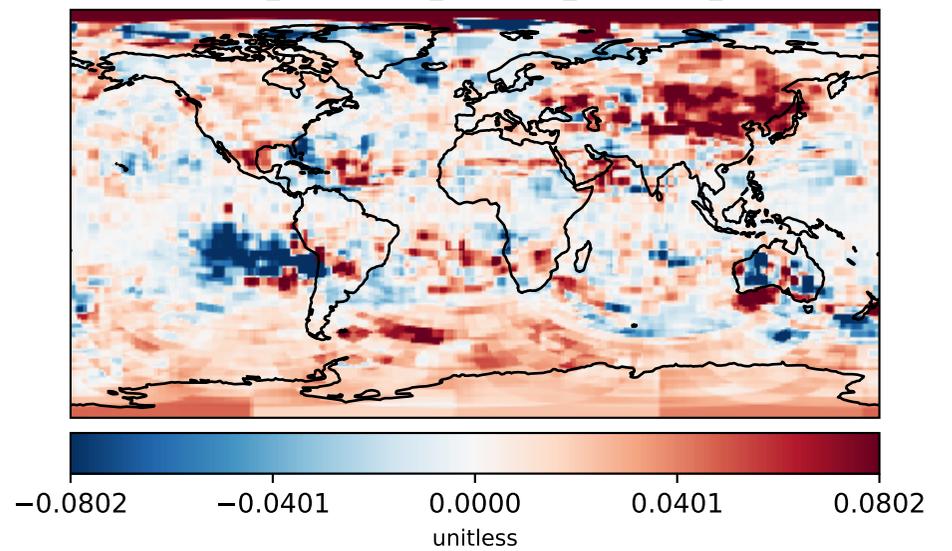
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

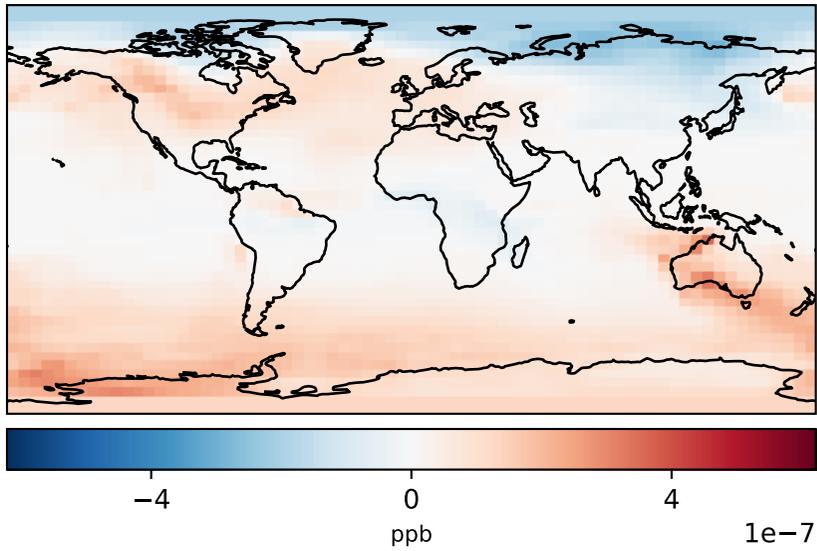


Difference (1x1.25), Restricted Range [5%,95%]  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

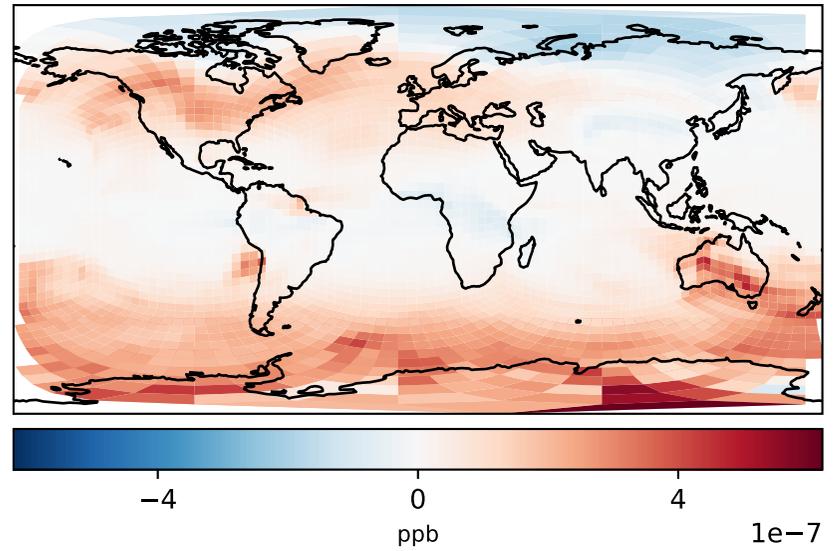


# SpeciesConcVV\_ISALA (Jan2019)

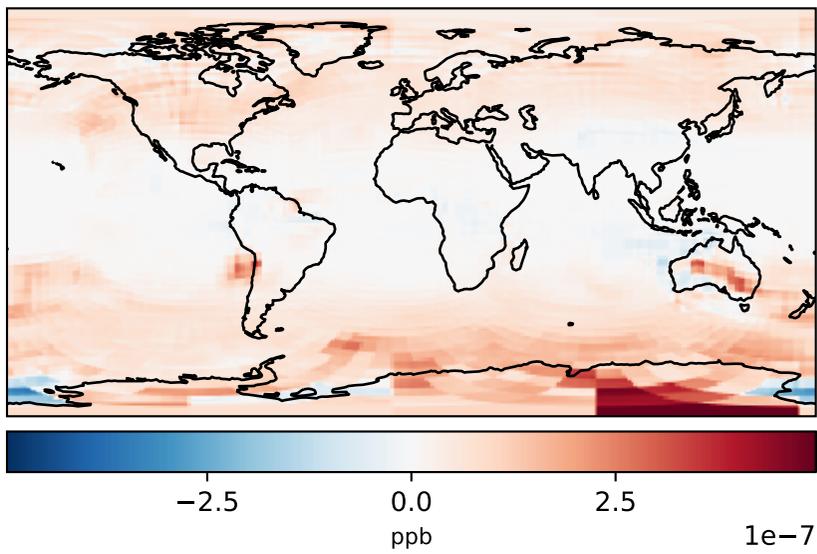
gcc.14.7.0-rc.0 - gcc.14.5.0-rc.0 (Ref)  
4.0x5.0



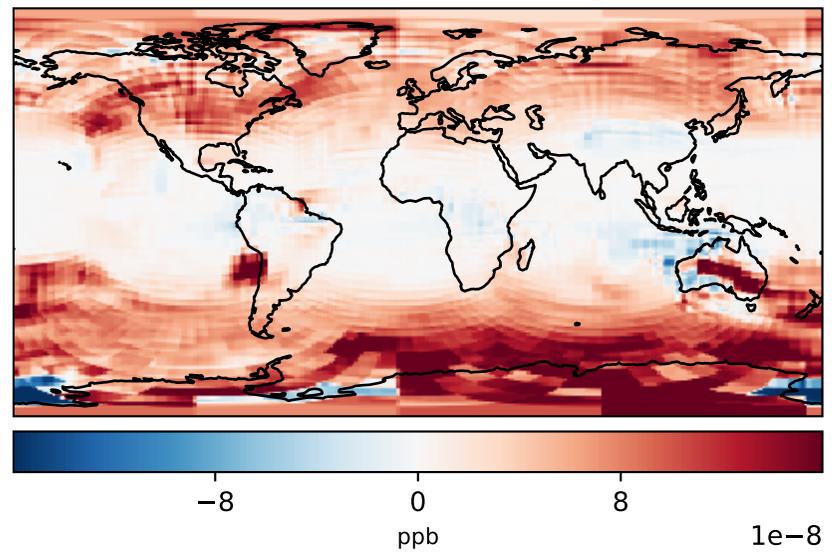
gchp.14.7.0-rc.0 - gchp.14.5.0-rc.0 (Dev)  
c24



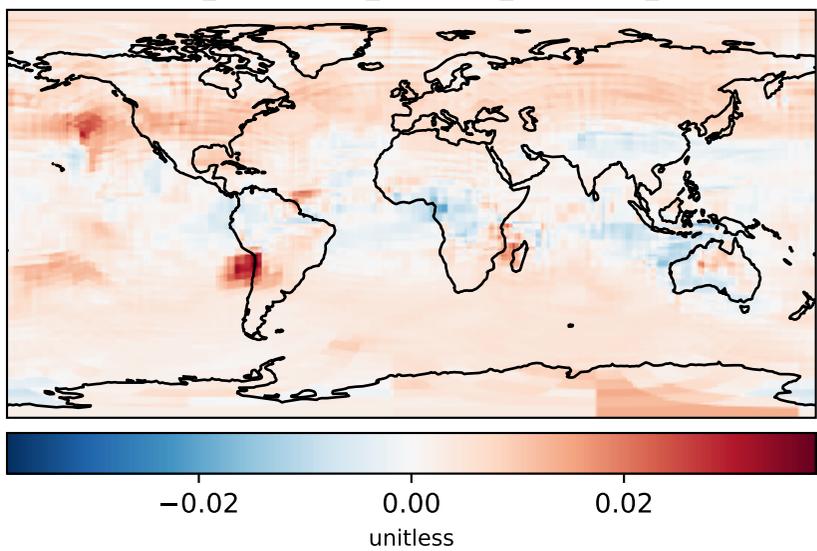
Difference (1x1.25)  
Dev - Ref, Dynamic Range



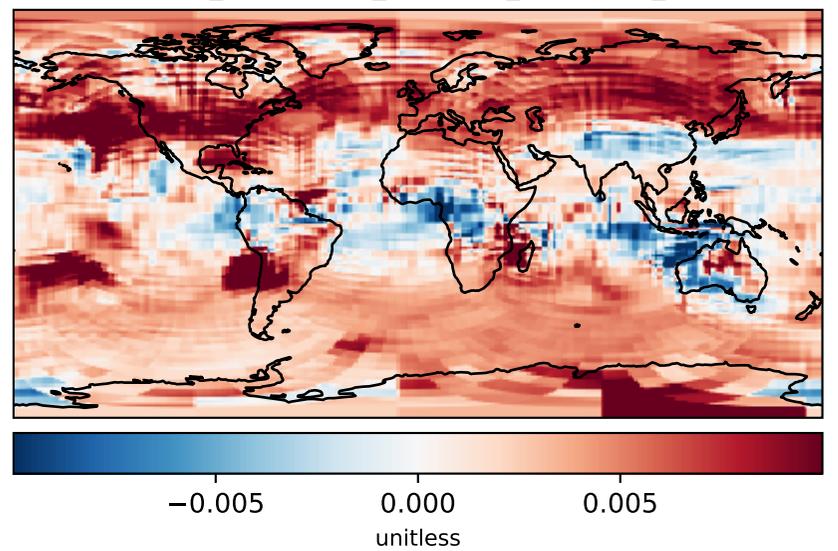
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

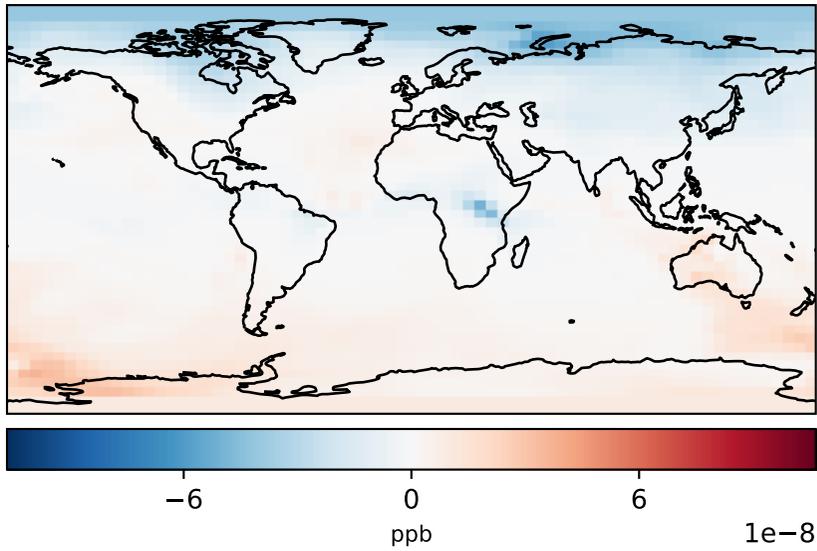


Difference (1x1.25), Restricted Range [5%,95%]  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

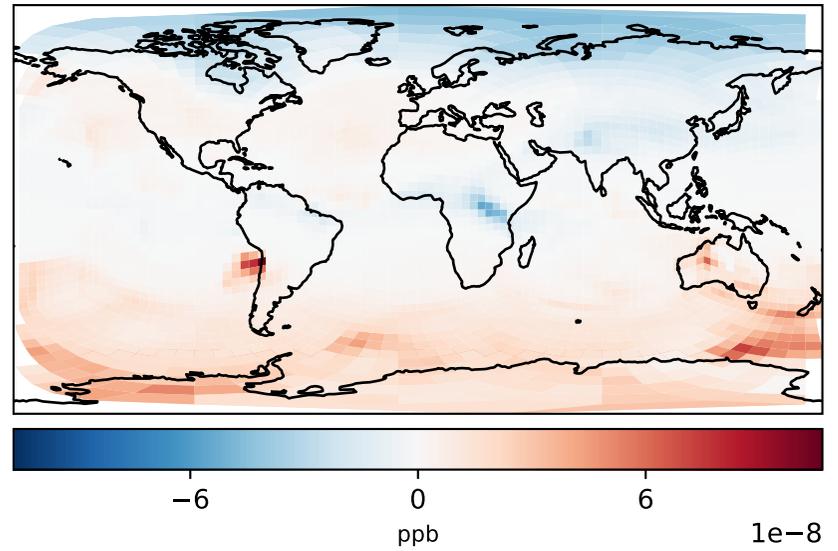


# SpeciesConcVV\_ISALC (Jan2019)

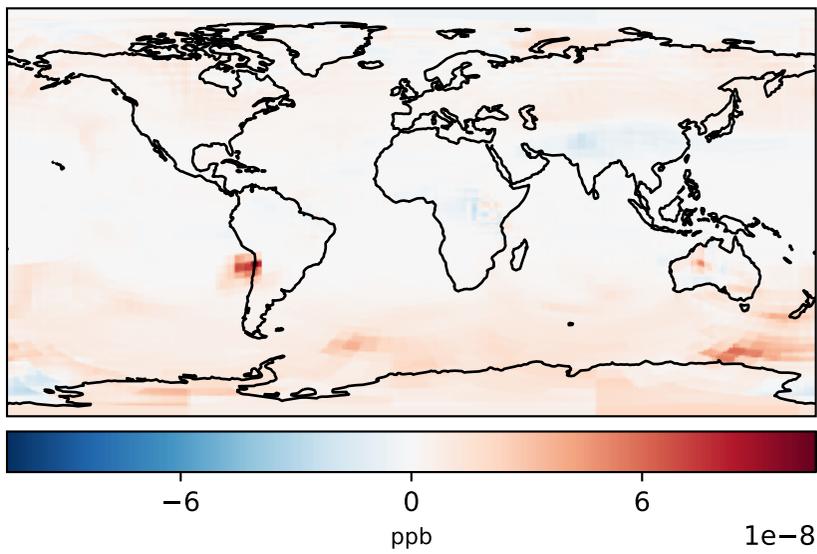
gcc.14.7.0-rc.0\_-\_gcc.14.5.0-rc.0 (Ref)  
4.0x5.0



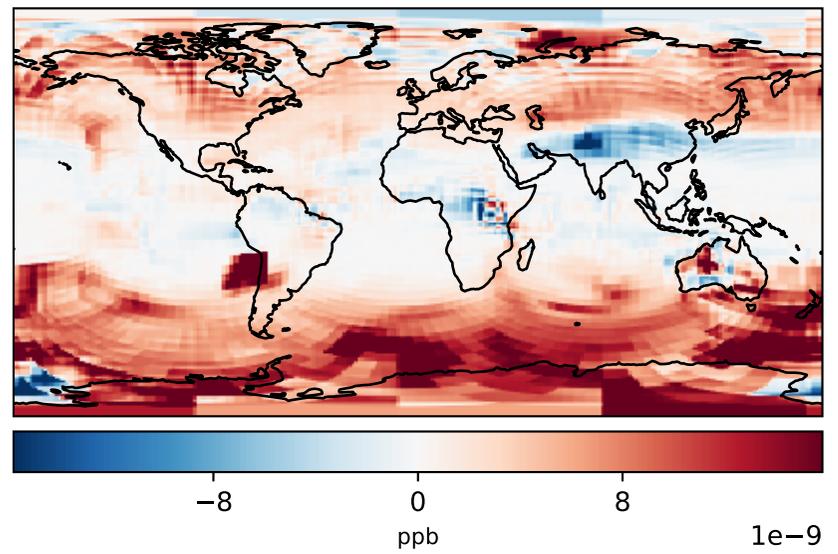
gchp.14.7.0-rc.0\_-\_gchp.14.5.0-rc.0 (Dev)  
c24



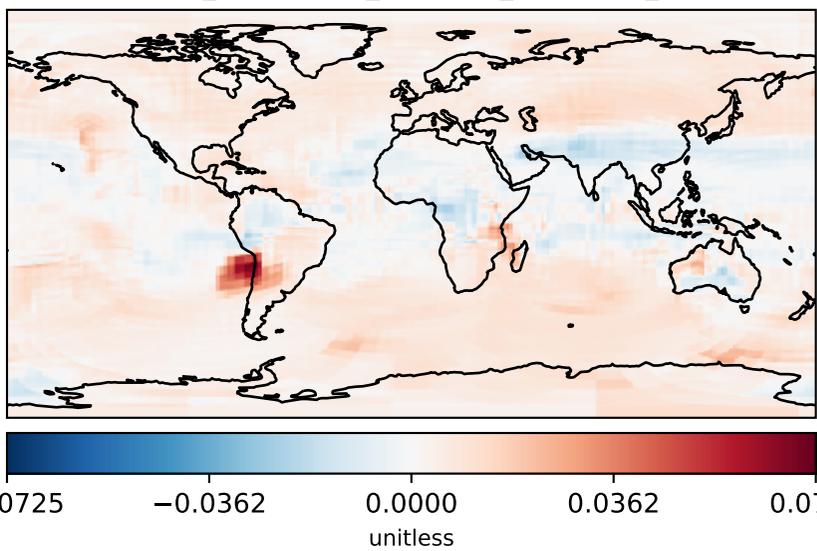
Difference (1x1.25)  
Dev - Ref, Dynamic Range



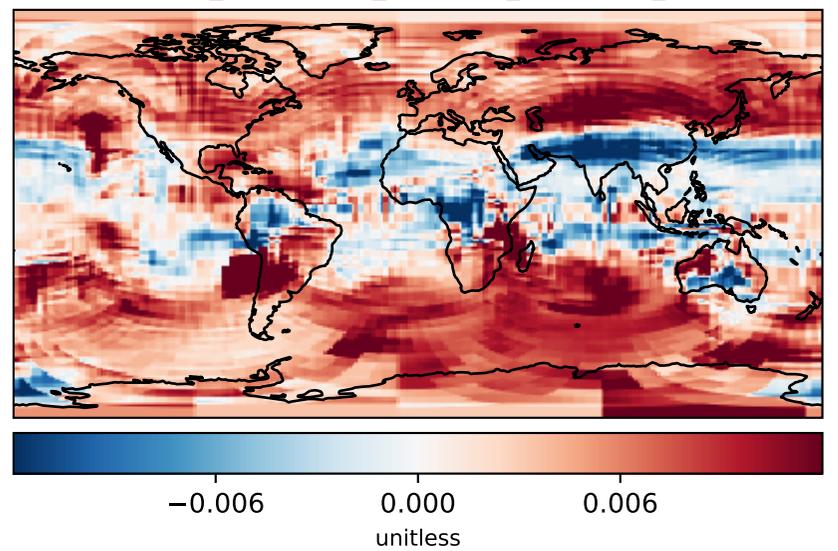
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



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

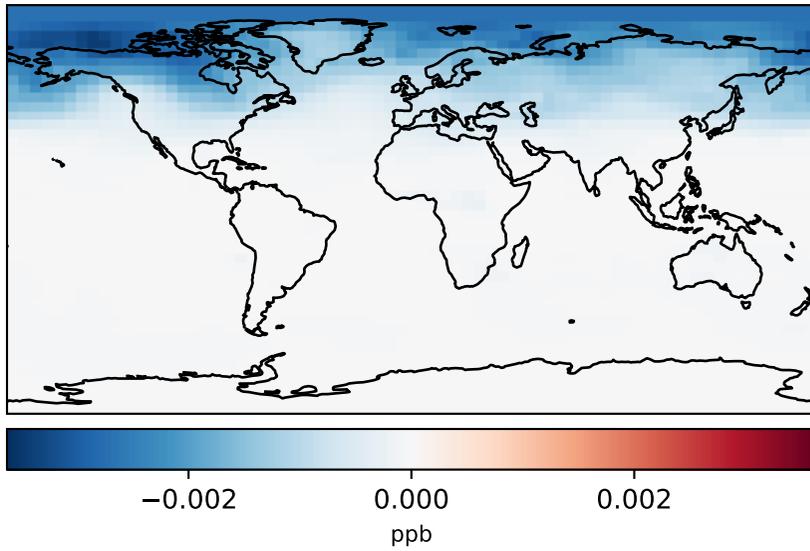


-0.0725    -0.0362    0.0000    0.0362    0.0725  
unitless

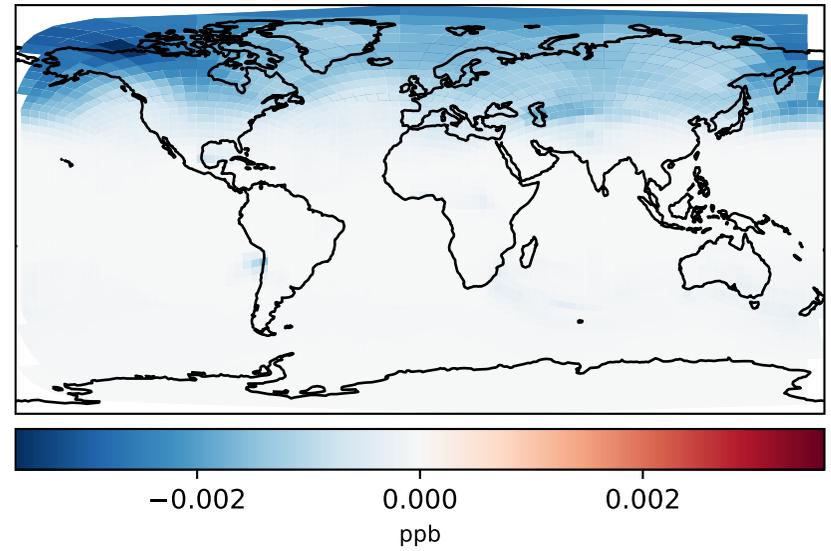
-0.006    0.000    0.006  
unitless

# SpeciesConcVV\_NITs (Jan2019)

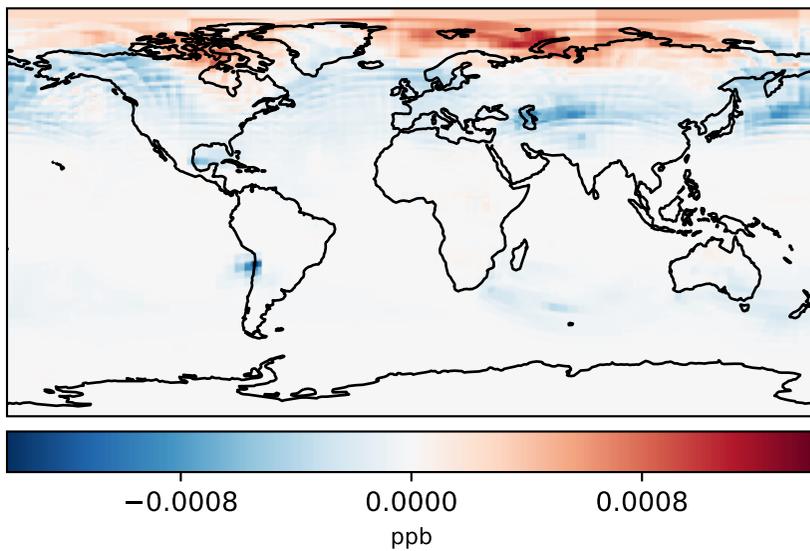
gcc.14.7.0-rc.0\_-\_gcc.14.5.0-rc.0 (Ref)  
4.0x5.0



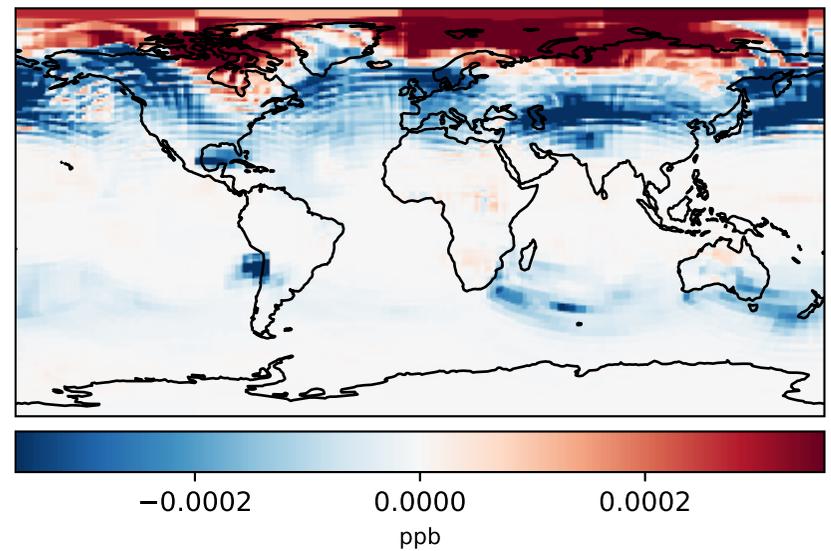
gchp.14.7.0-rc.0\_-\_gchp.14.5.0-rc.0 (Dev)  
c24



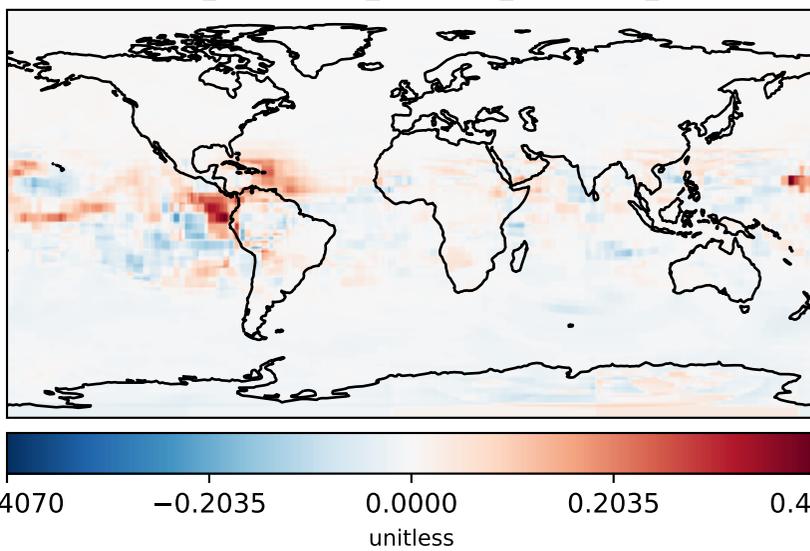
Difference (1x1.25)  
Dev - Ref, Dynamic Range



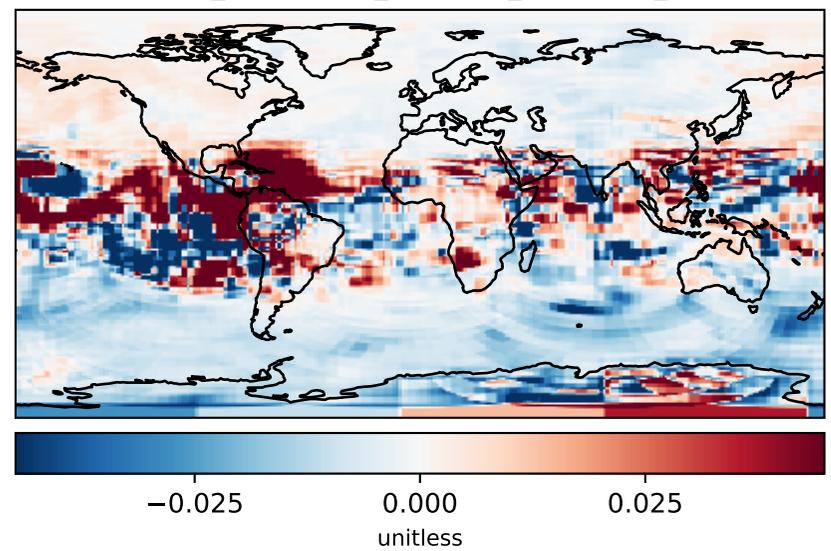
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

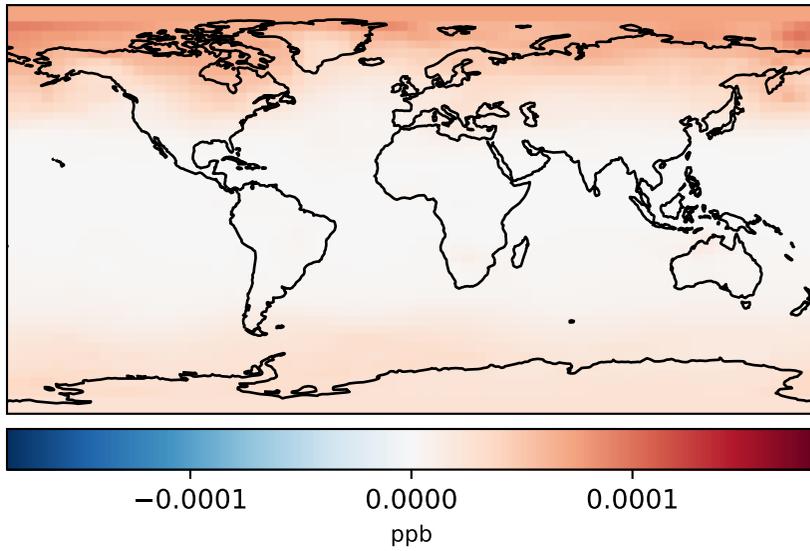


Difference (1x1.25), Restricted Range [5%,95%]  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

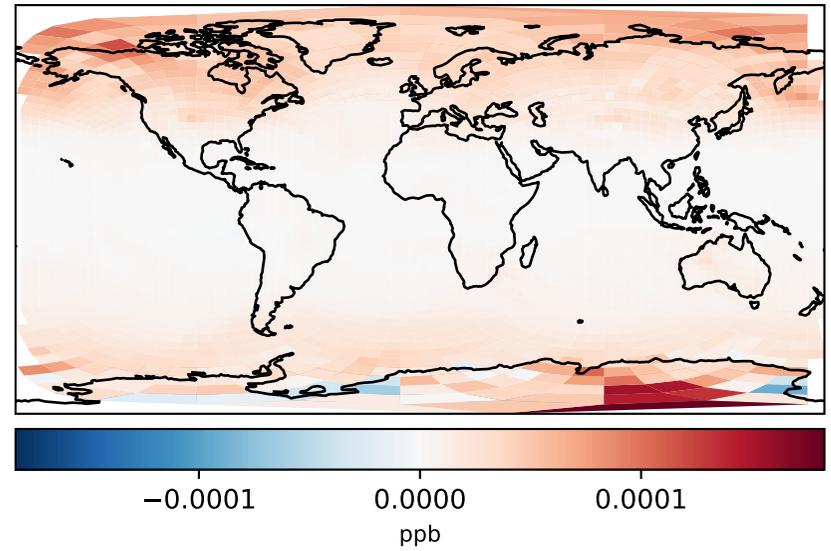


# SpeciesConcVV\_SALA (Jan2019)

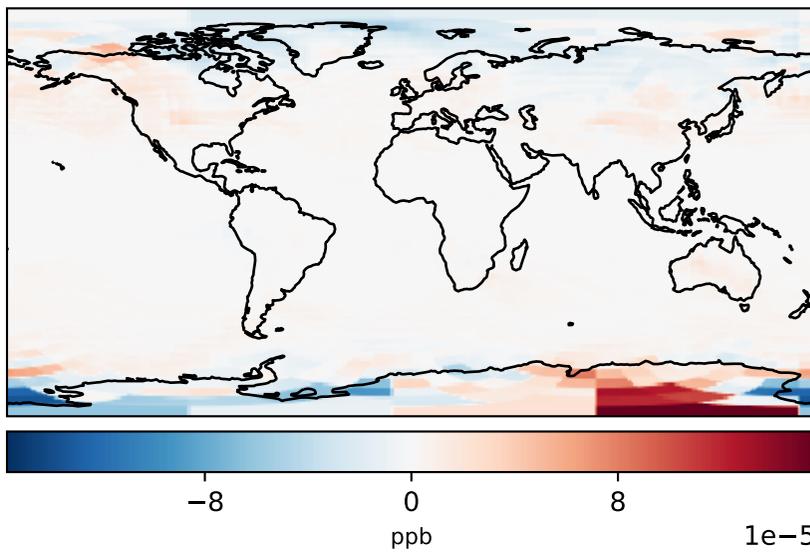
gcc.14.7.0-rc.0\_-\_gcc.14.5.0-rc.0 (Ref)  
4.0x5.0



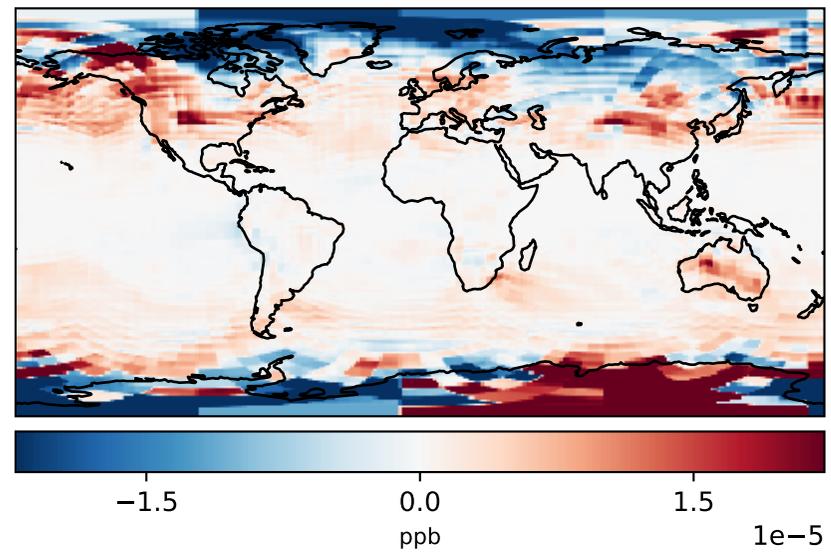
gchp.14.7.0-rc.0\_-\_gchp.14.5.0-rc.0 (Dev)  
c24



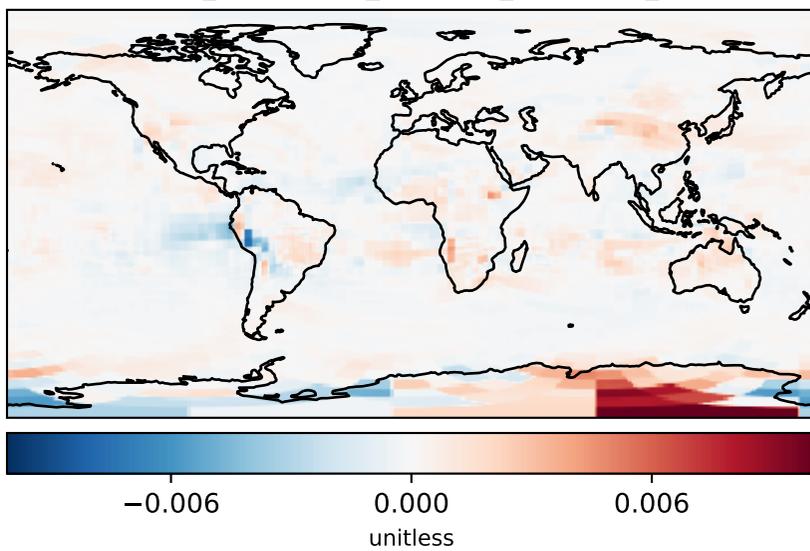
Difference (1x1.25)  
Dev - Ref, Dynamic Range



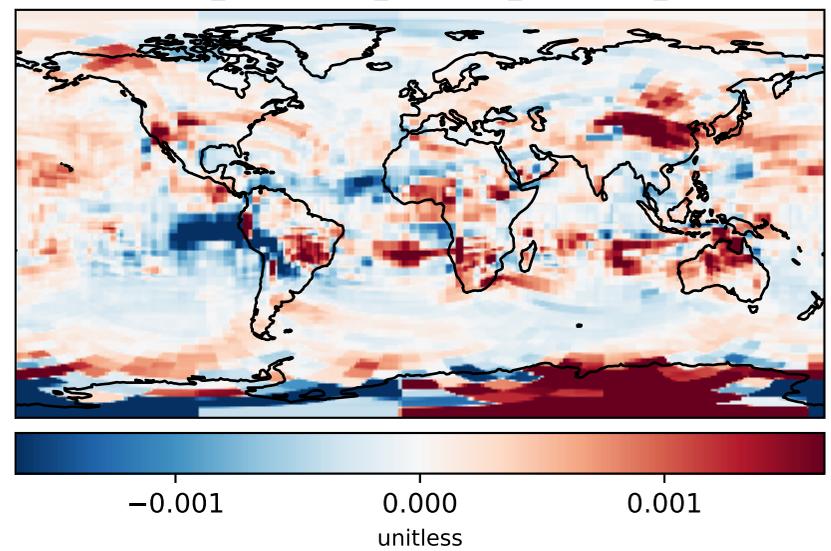
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

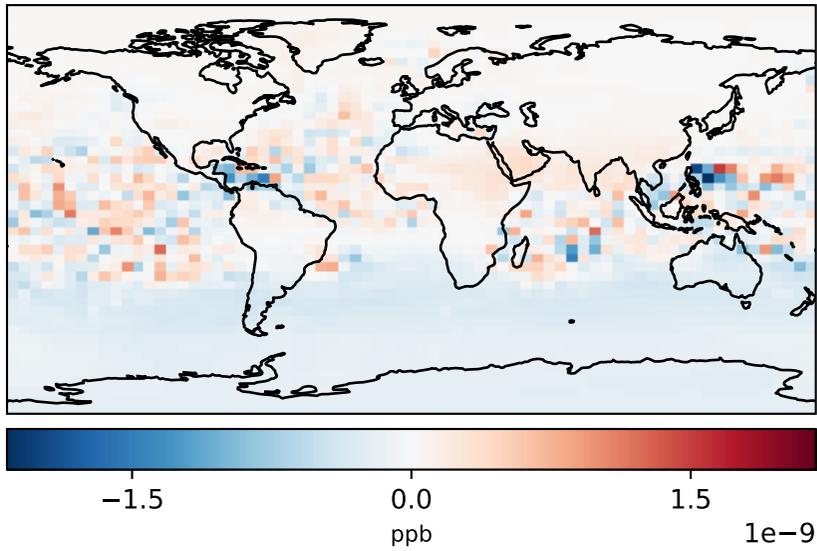


Difference (1x1.25), Restricted Range [5%,95%]  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

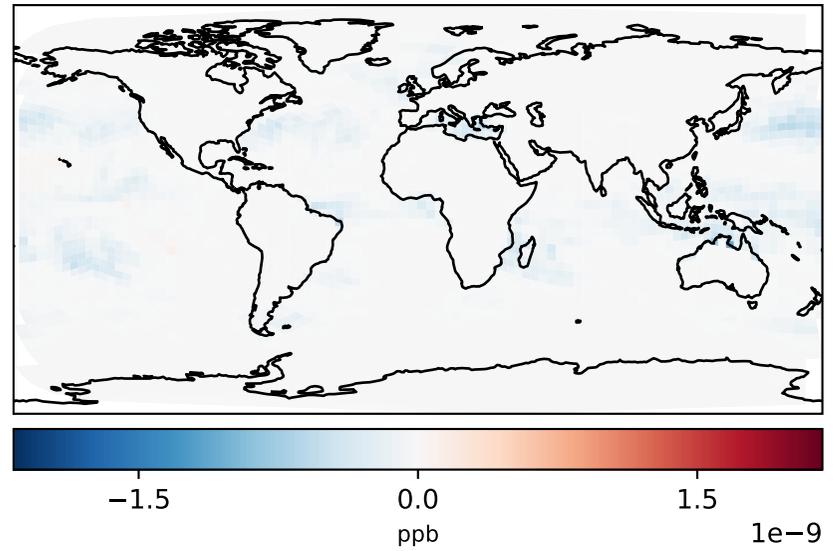


# SpeciesConcVV\_SALAAL (Jan2019)

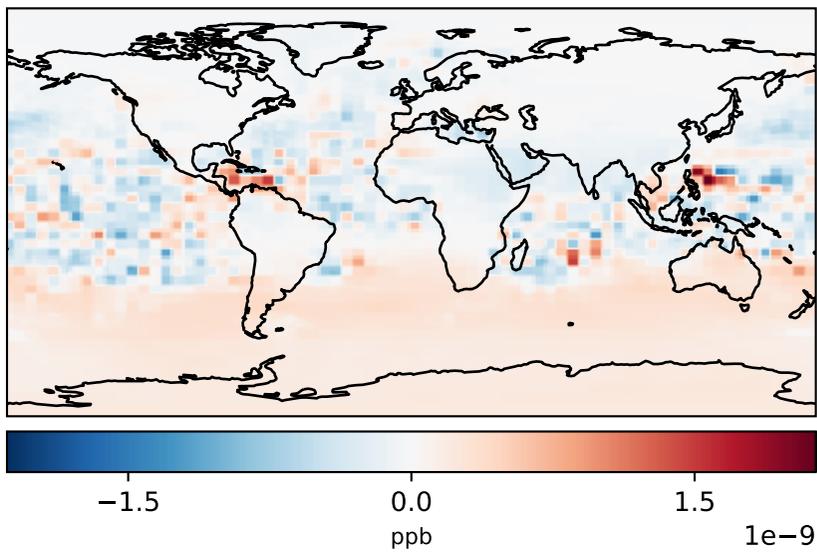
gcc.14.7.0-rc.0 - gcc.14.5.0-rc.0 (Ref)  
4.0x5.0



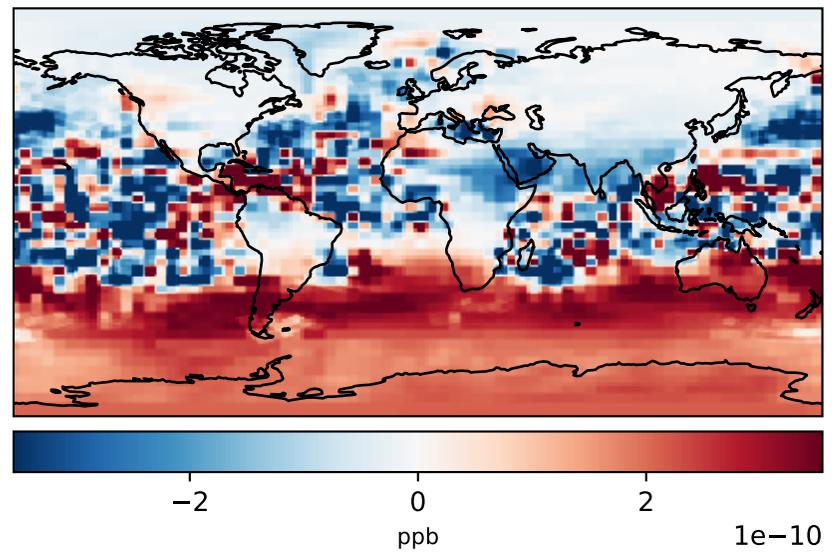
gchp.14.7.0-rc.0 - gchp.14.5.0-rc.0 (Dev)  
c24



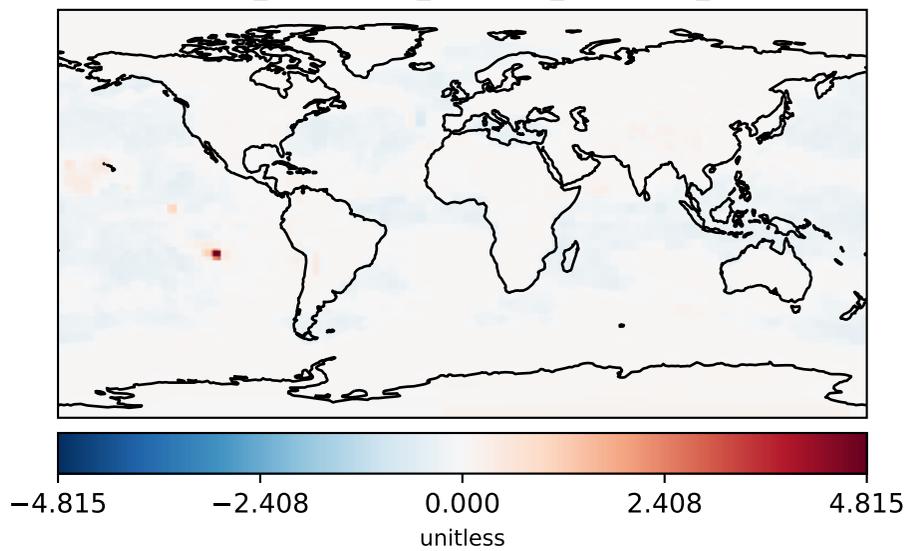
Difference (1x1.25)  
Dev - Ref, Dynamic Range



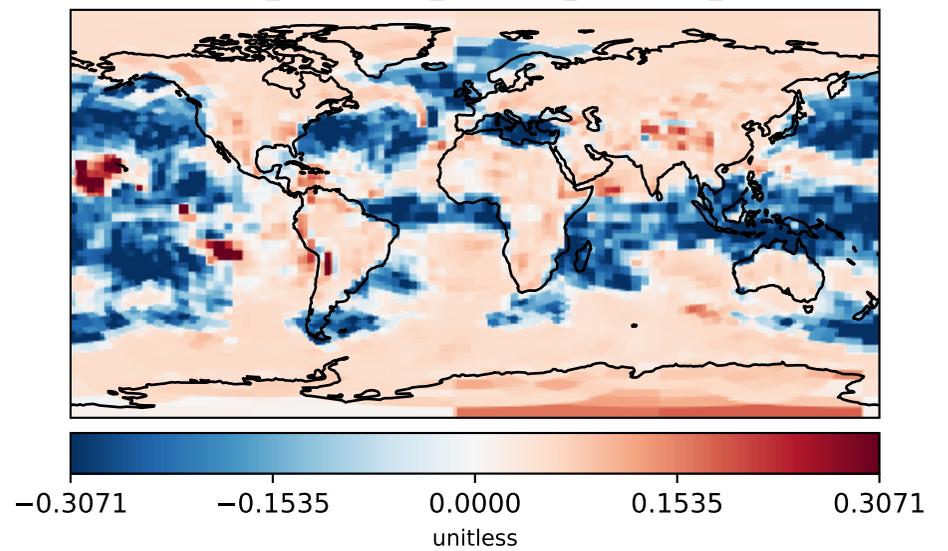
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

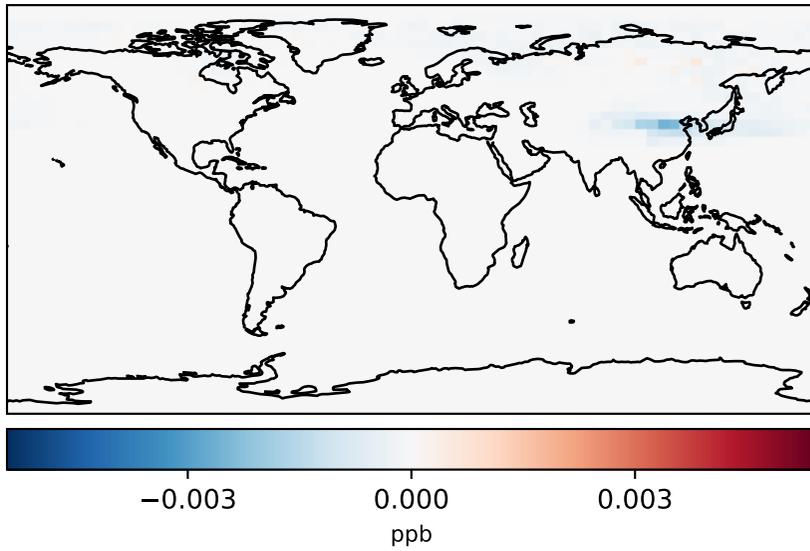


Difference (1x1.25), Restricted Range [5%,95%]  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

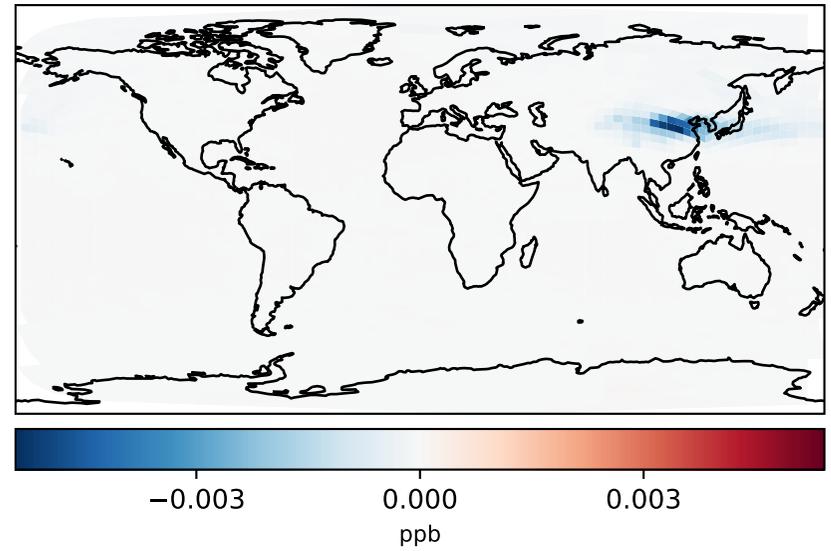


# SpeciesConcVV\_SALACL (Jan2019)

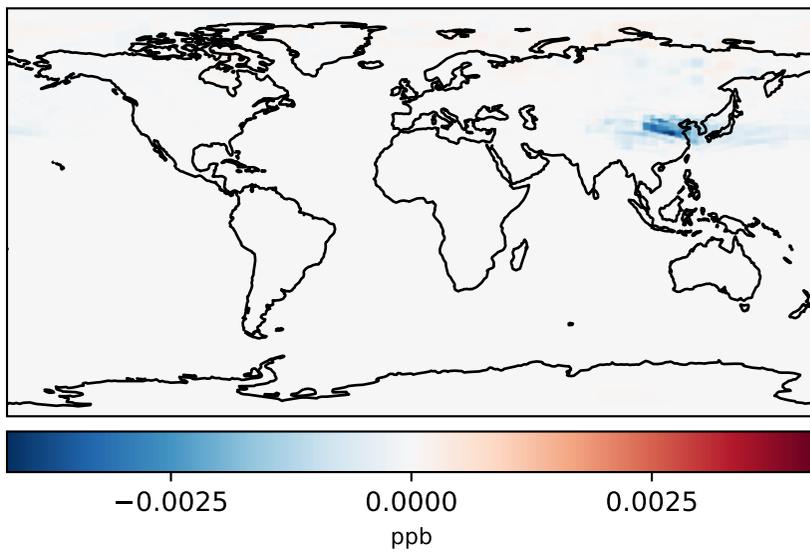
gcc.14.7.0-rc.0 - gcc.14.5.0-rc.0 (Ref)  
4.0x5.0



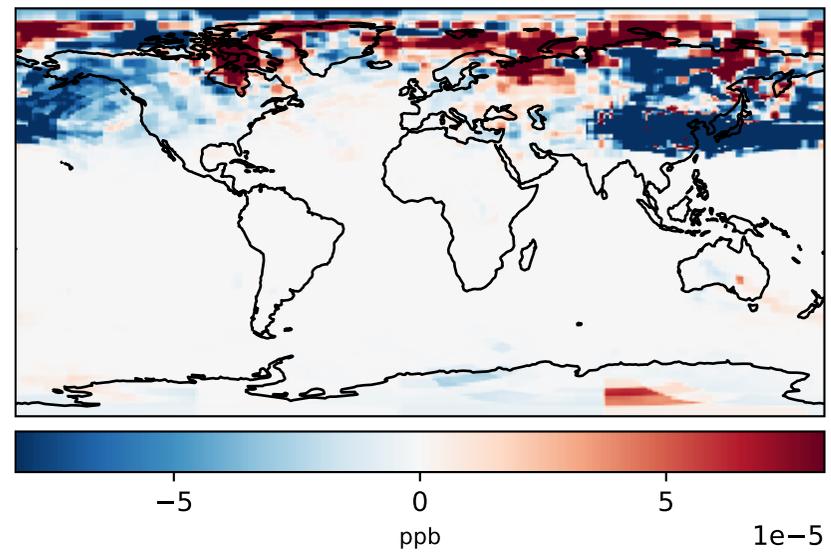
gchp.14.7.0-rc.0 - gchp.14.5.0-rc.0 (Dev)  
c24



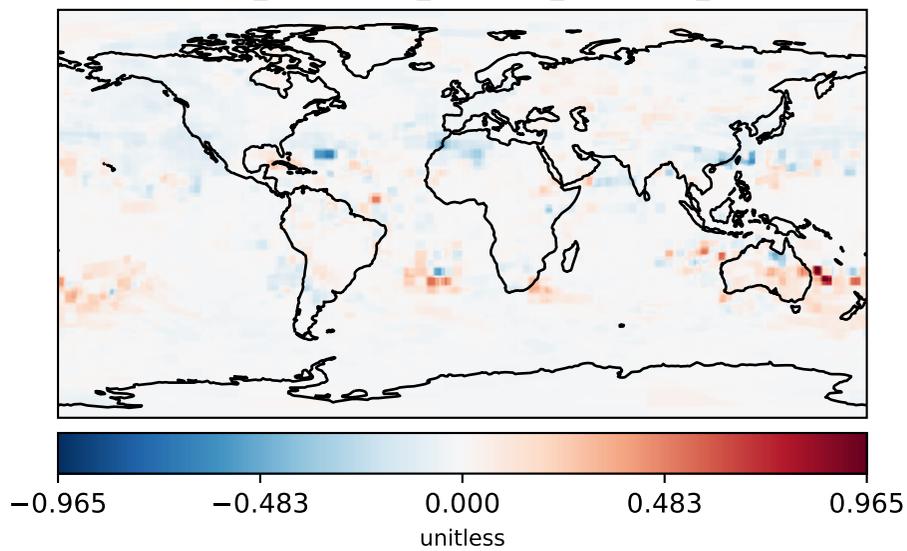
Difference (1x1.25)  
Dev - Ref, Dynamic Range



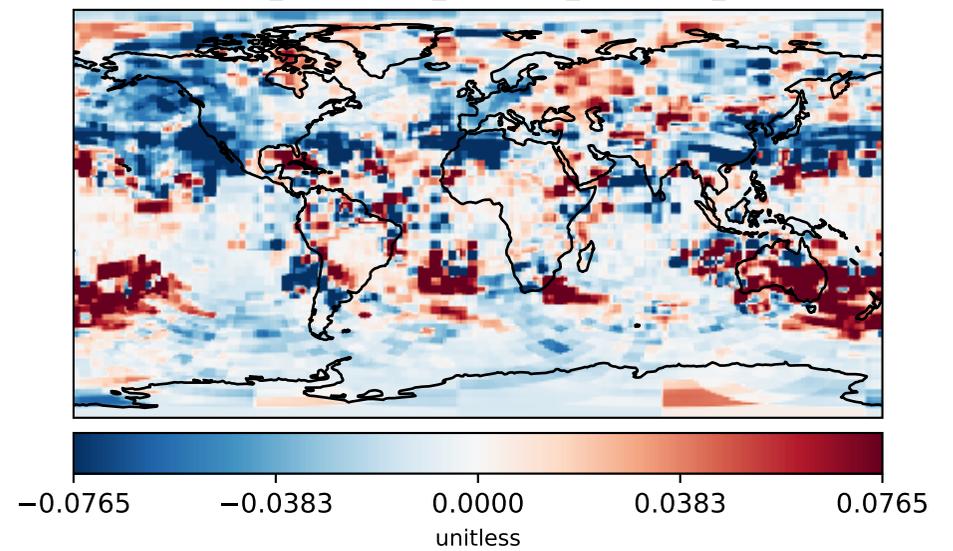
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

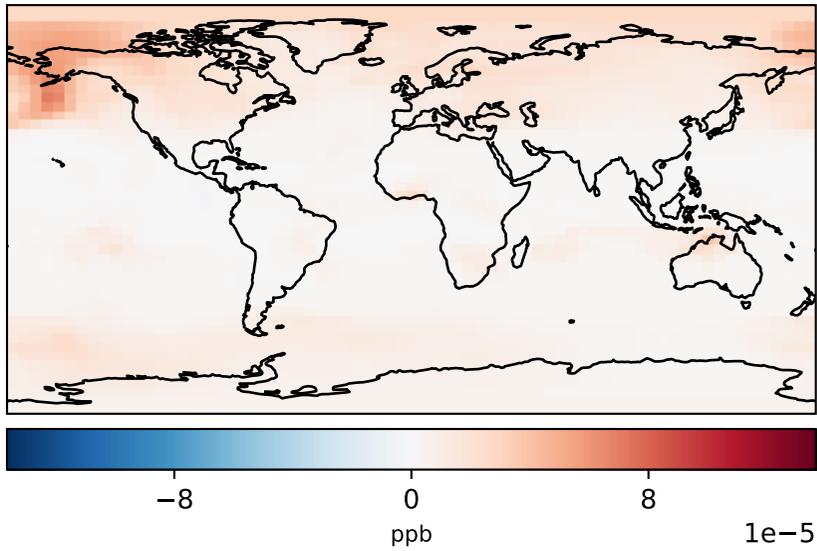


Difference (1x1.25), Restricted Range [5%,95%]  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

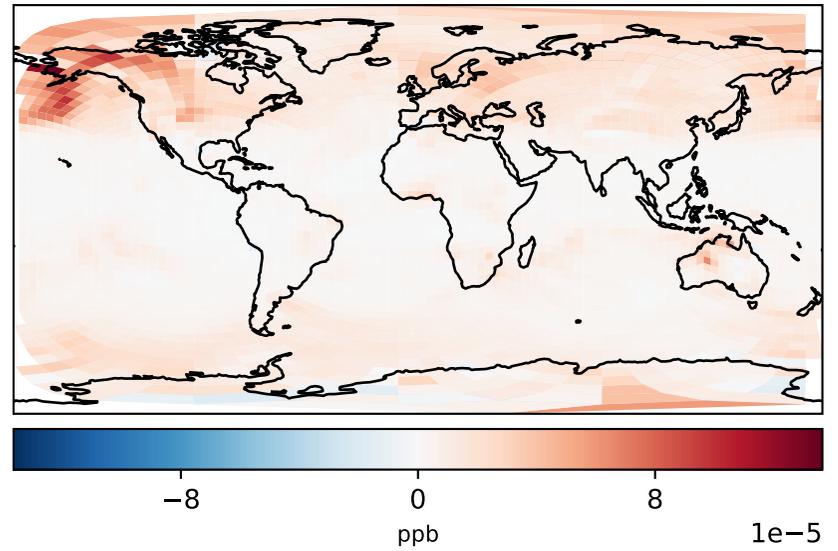


# SpeciesConcVV\_SALC (Jan2019)

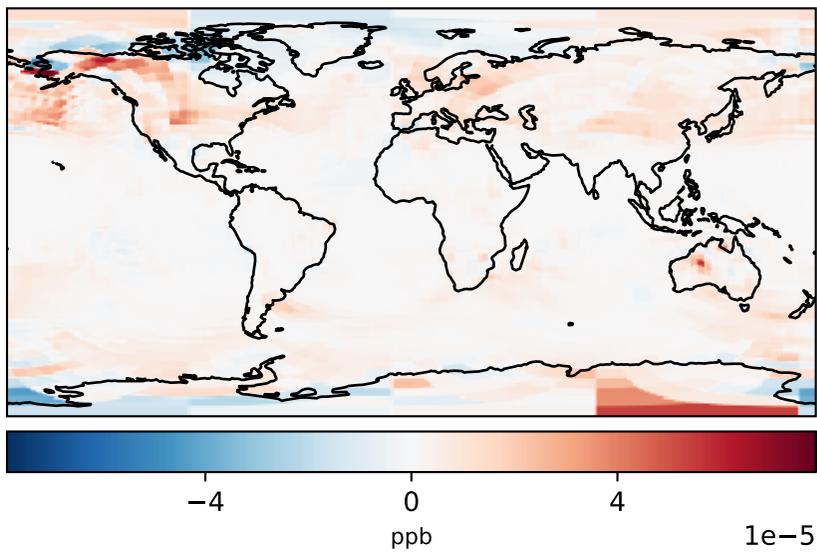
gcc.14.7.0-rc.0\_-\_gcc.14.5.0-rc.0 (Ref)  
4.0x5.0



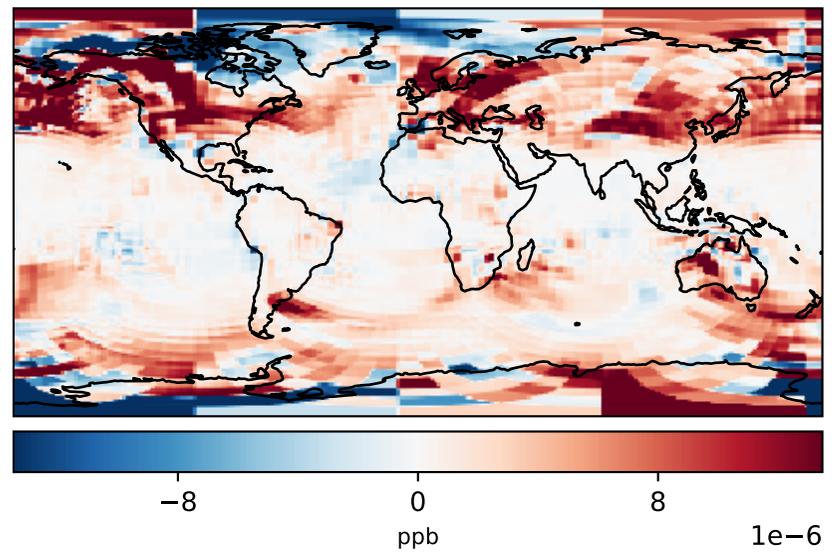
gchp.14.7.0-rc.0\_-\_gchp.14.5.0-rc.0 (Dev)  
c24



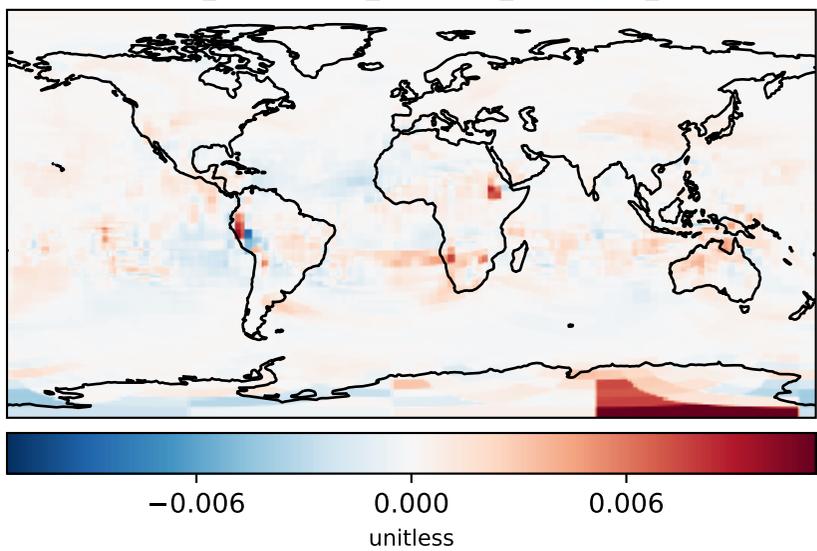
Difference (1x1.25)  
Dev - Ref, Dynamic Range



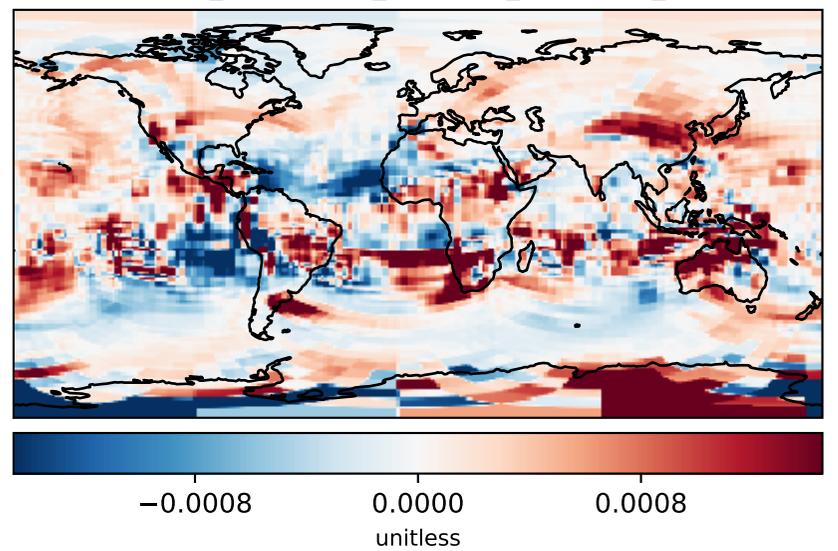
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

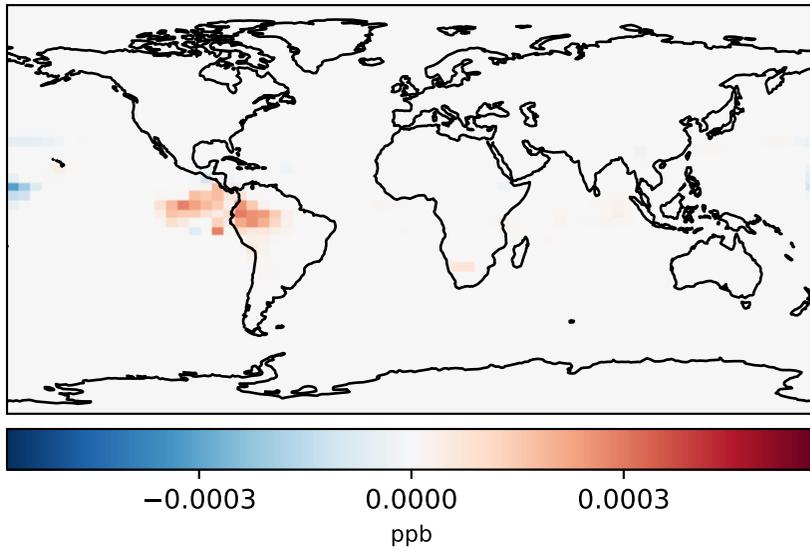


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

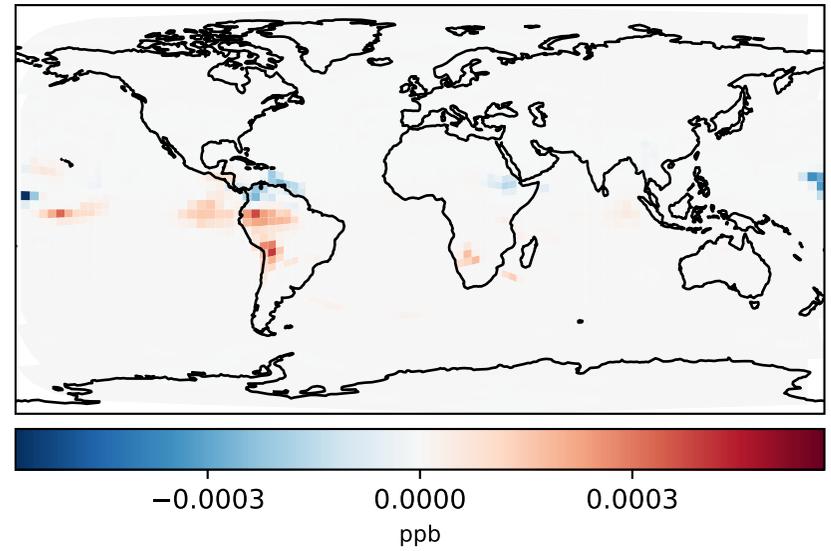


# SpeciesConcVW\_SALCAL (Jan2019)

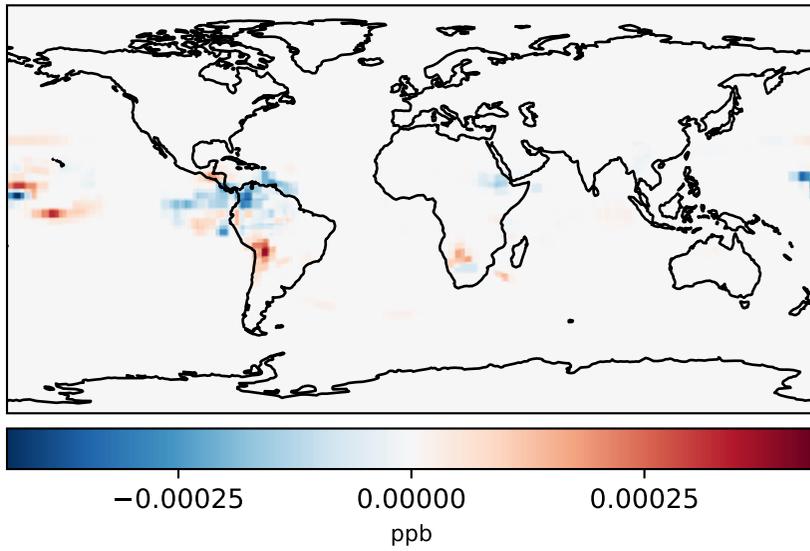
gcc.14.7.0-rc.0 - gcc.14.5.0-rc.0 (Ref)  
4.0x5.0



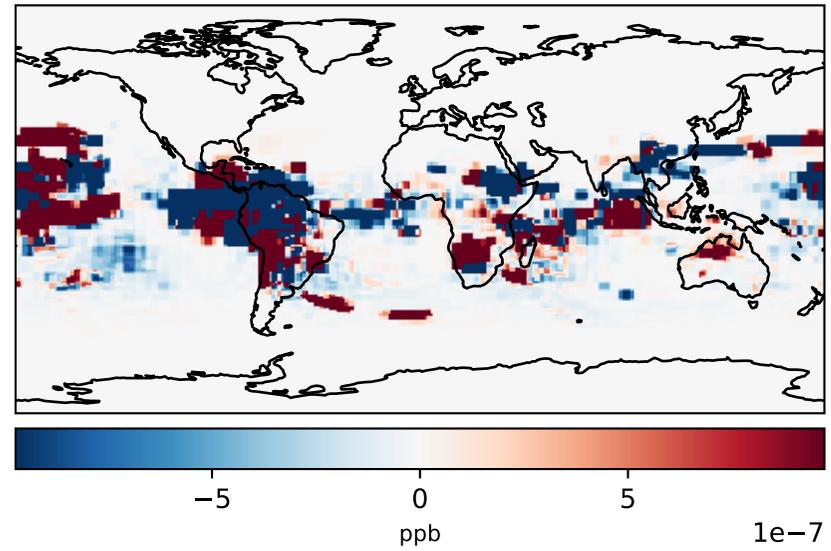
gchp.14.7.0-rc.0 - gchp.14.5.0-rc.0 (Dev)  
c24



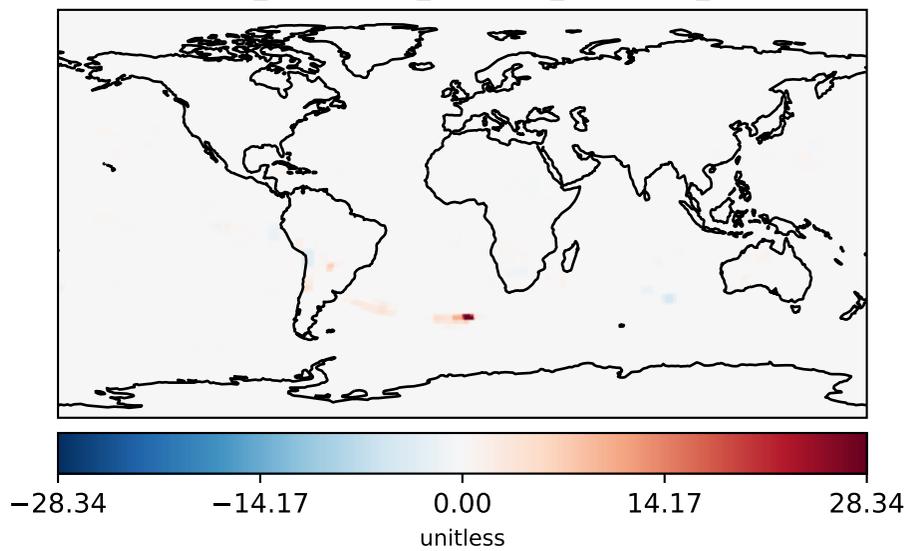
Difference (1x1.25)  
Dev - Ref, Dynamic Range



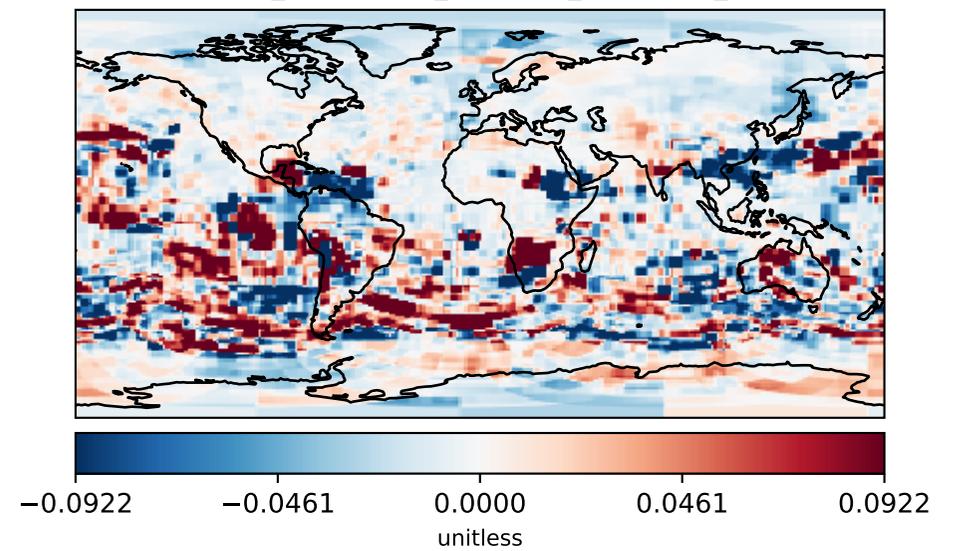
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

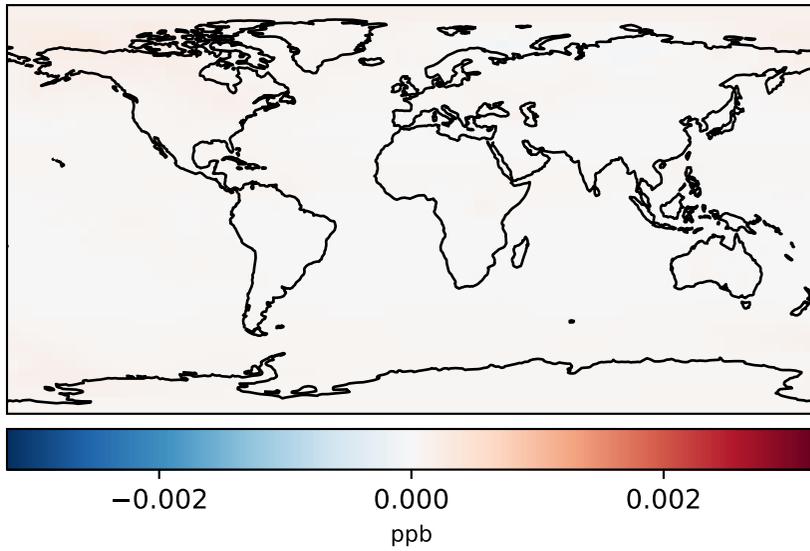


Difference (1x1.25), Restricted Range [5%,95%]  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

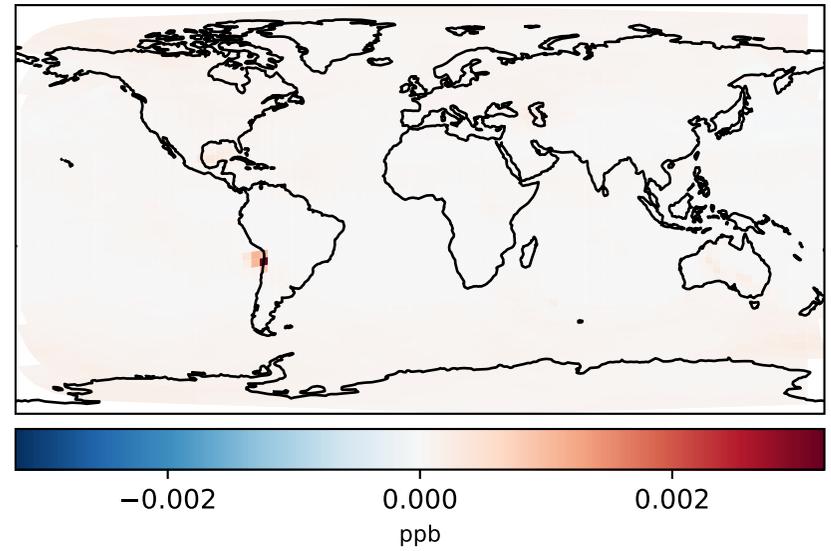


# SpeciesConcVV\_SALCCL (Jan2019)

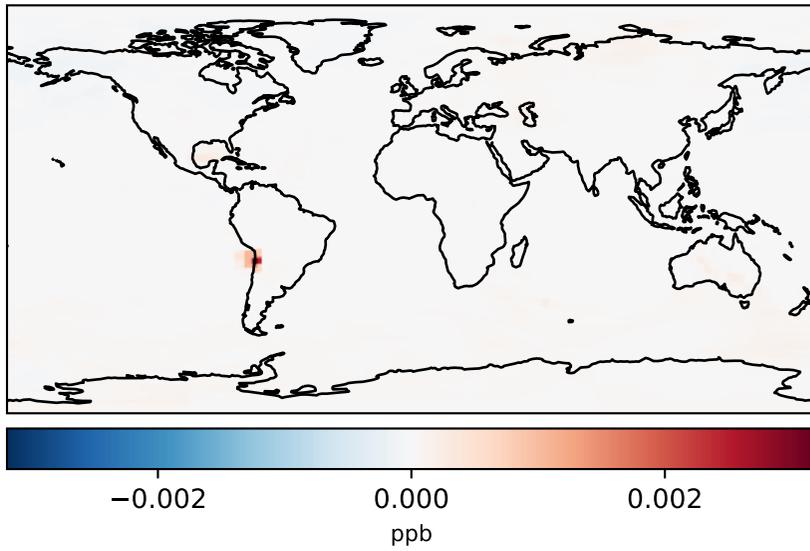
gcc.14.7.0-rc.0 - gcc.14.5.0-rc.0 (Ref)  
4.0x5.0



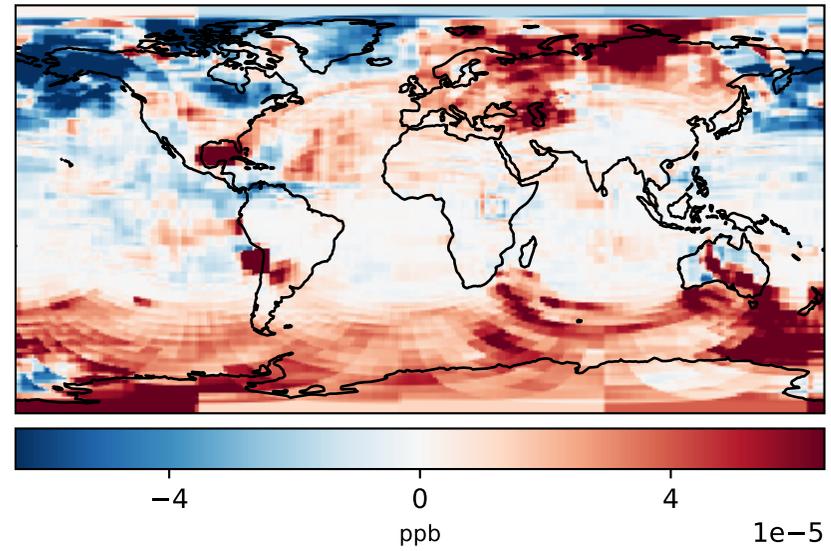
gchp.14.7.0-rc.0 - gchp.14.5.0-rc.0 (Dev)  
c24



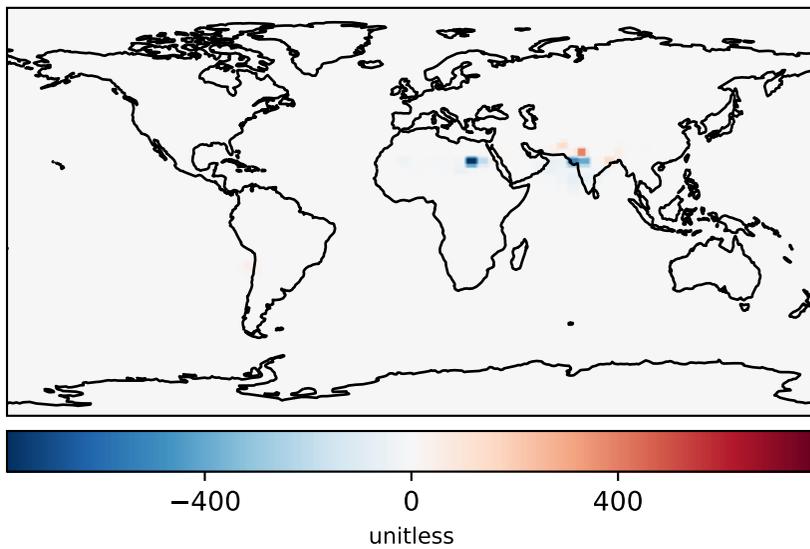
Difference (1x1.25)  
Dev - Ref, Dynamic Range



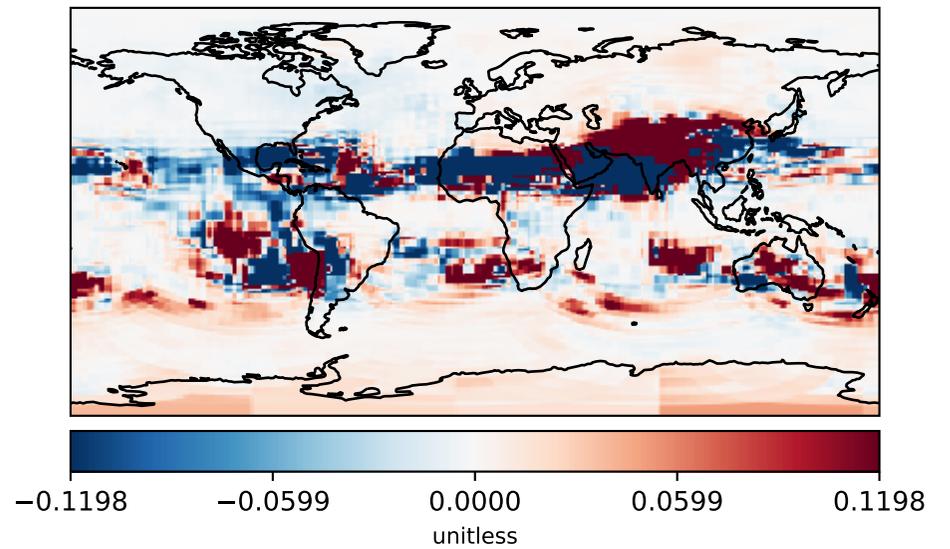
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
 $GCHP_{dev} / GCHP_{ref} - GCC_{dev} / GCC_{ref}$

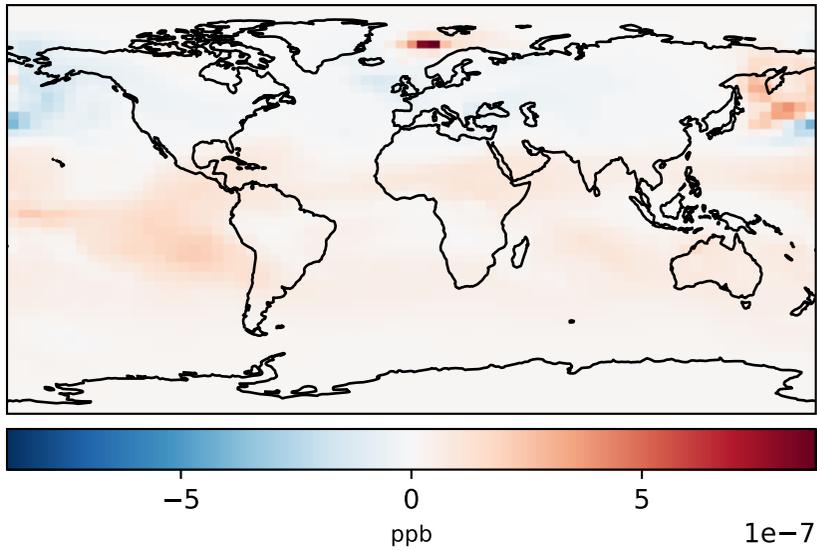


Difference (1x1.25), Restricted Range [5%,95%]  
 $GCHP_{dev} / GCHP_{ref} - GCC_{dev} / GCC_{ref}$

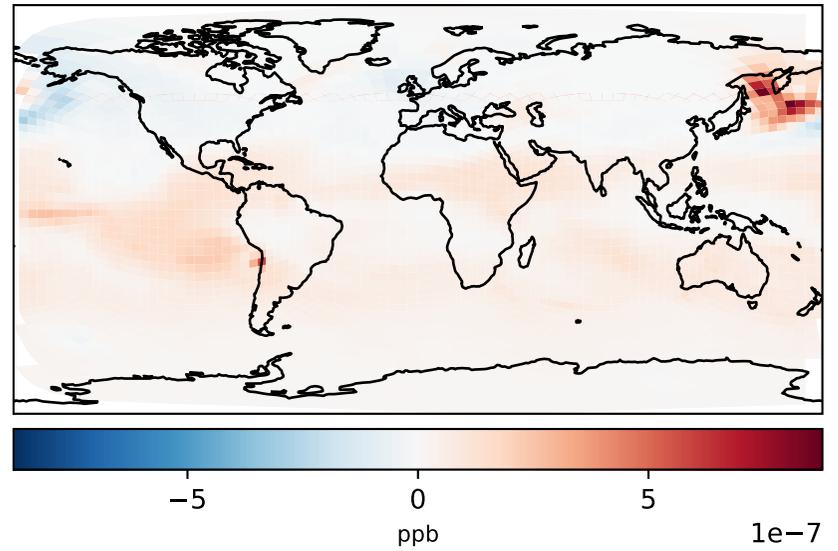


# SpeciesConcVV\_SO4s (Jan2019)

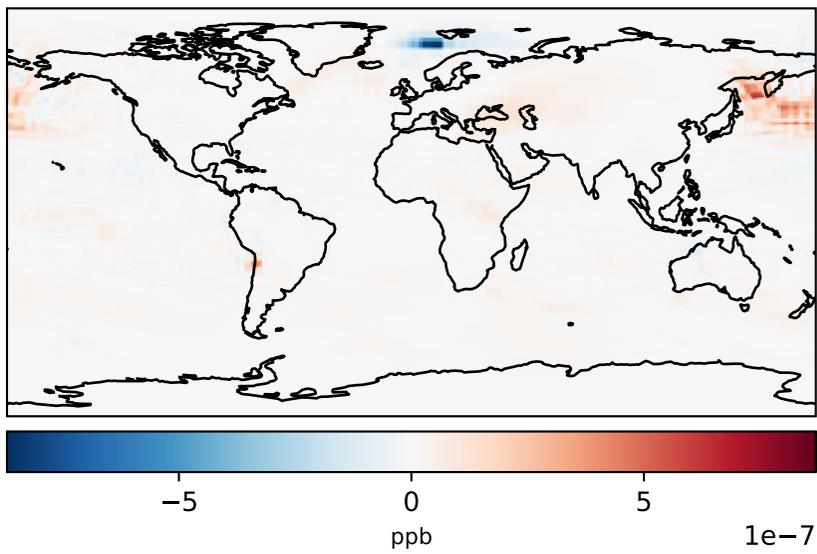
gcc.14.7.0-rc.0\_-\_gcc.14.5.0-rc.0 (Ref)  
4.0x5.0



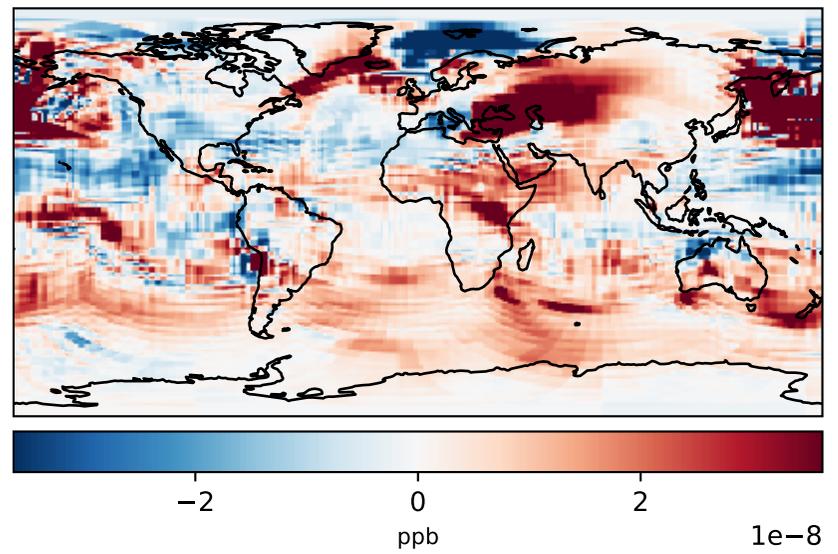
gchp.14.7.0-rc.0\_-\_gchp.14.5.0-rc.0 (Dev)  
c24



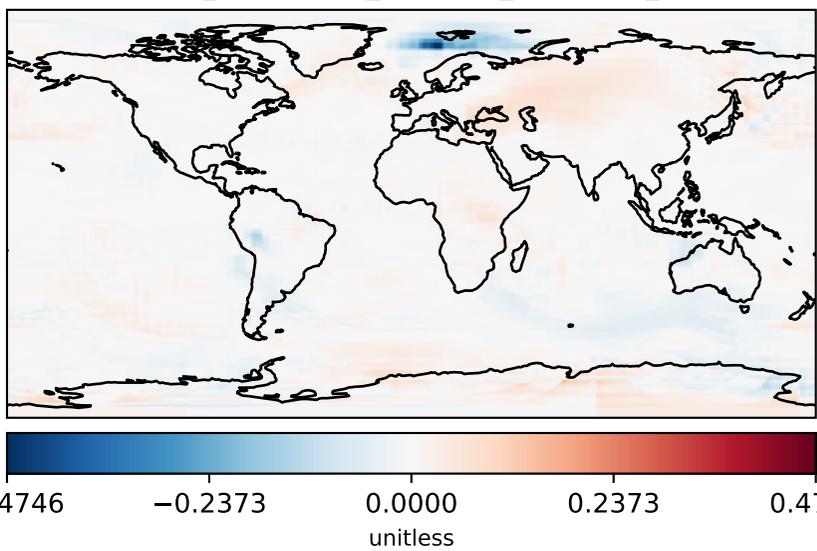
Difference (1x1.25)  
Dev - Ref, Dynamic Range



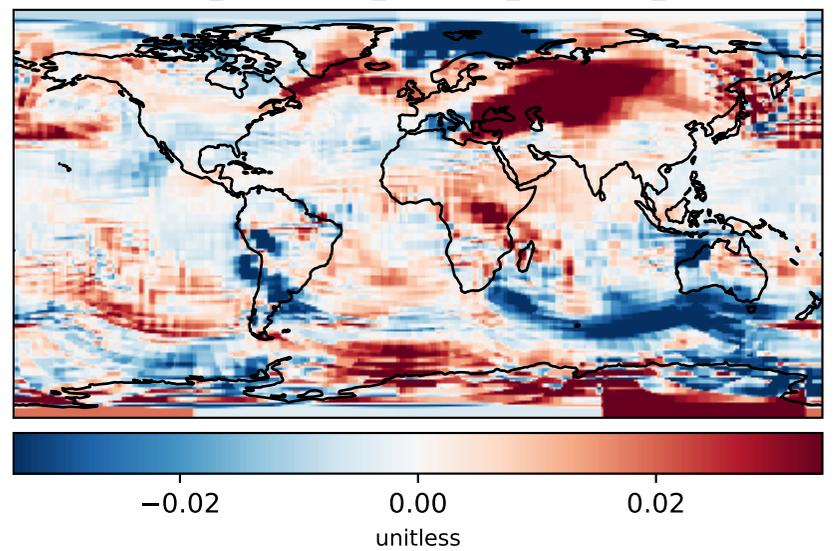
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

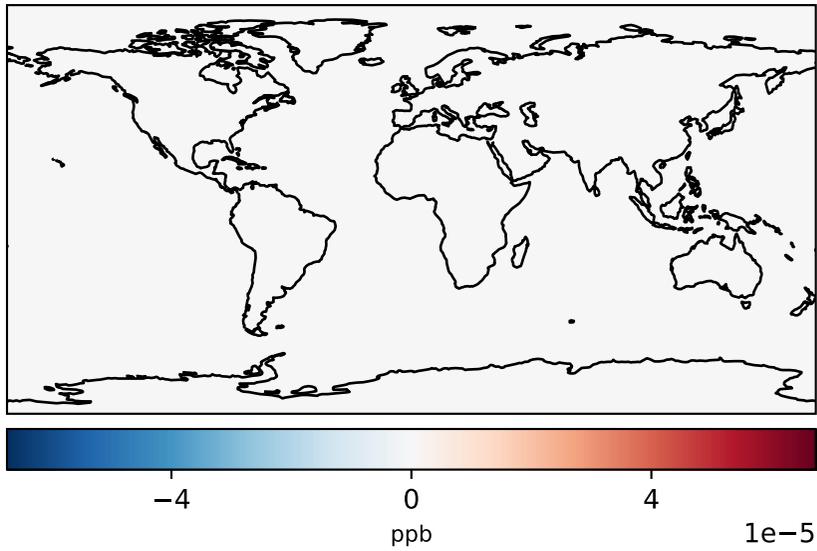


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

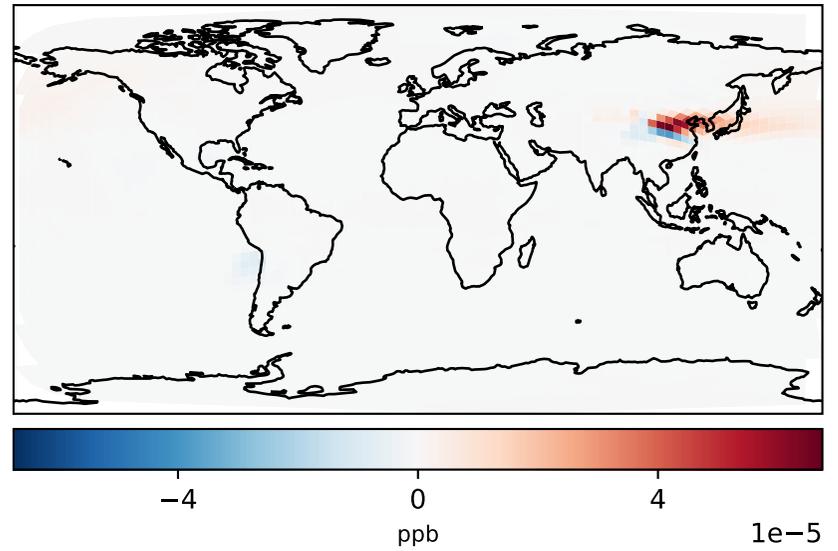


# SpeciesConcVV\_pFe (Jan2019)

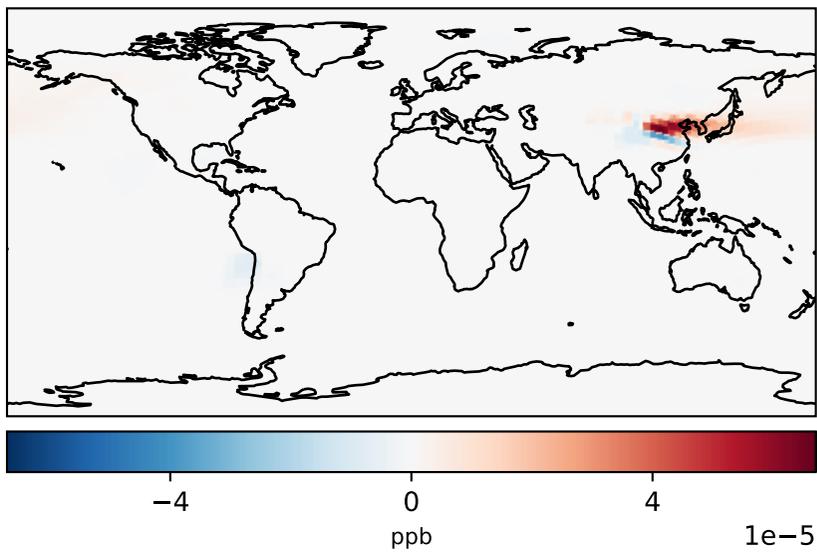
gcc.14.7.0-rc.0 - gcc.14.5.0-rc.0 (Ref)  
4.0x5.0



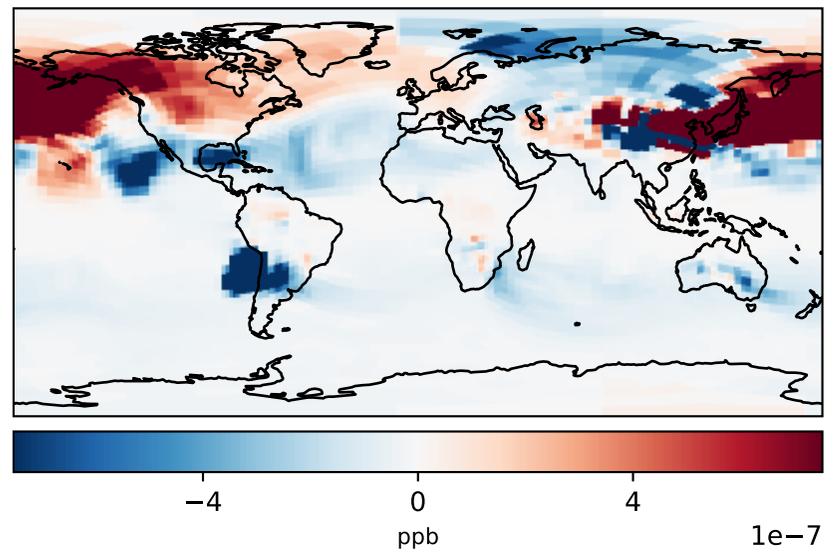
gchp.14.7.0-rc.0 - gchp.14.5.0-rc.0 (Dev)  
c24



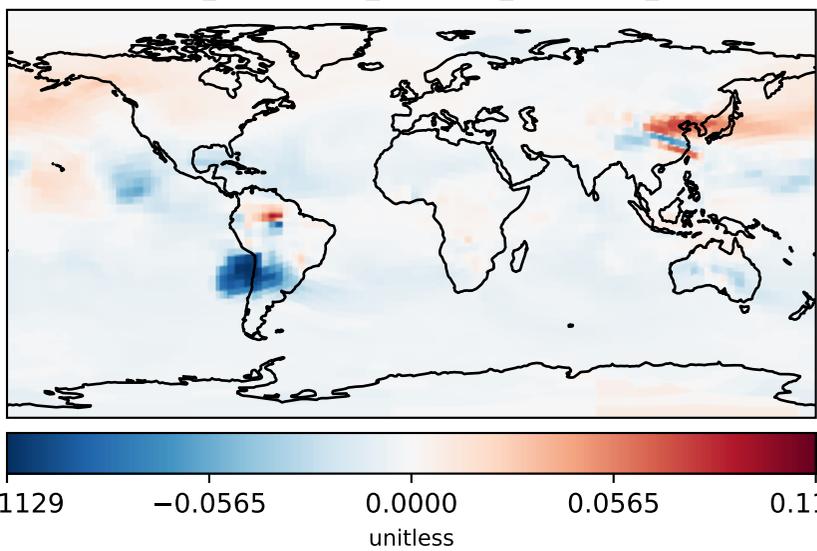
Difference (1x1.25)  
Dev - Ref, Dynamic Range



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%]  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

