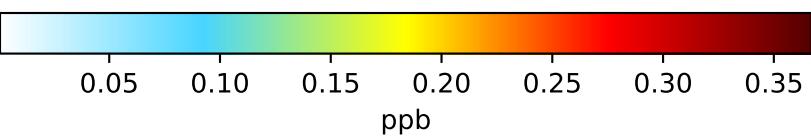
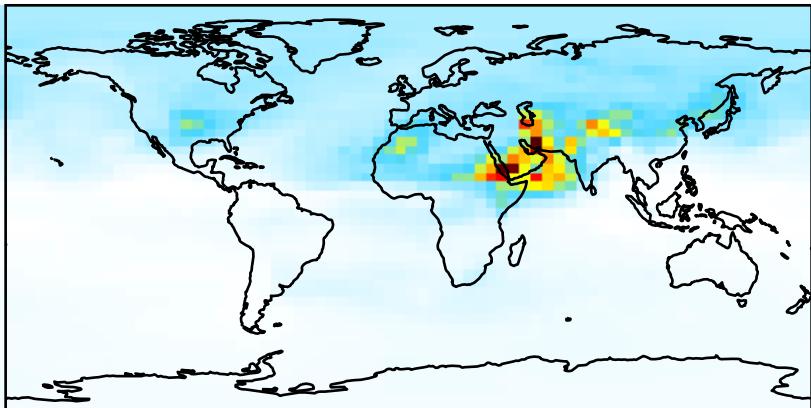
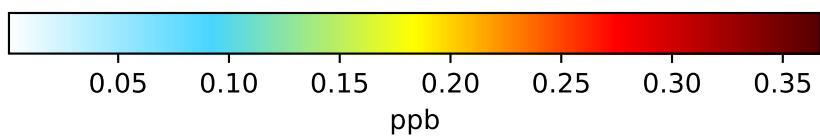
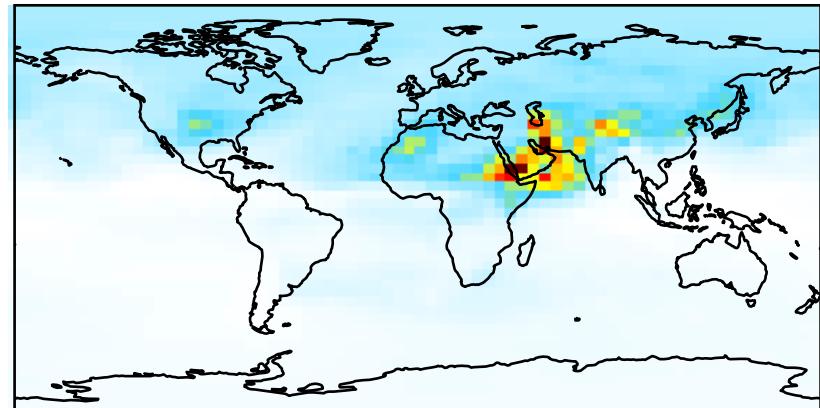


# SpeciesConc\_NH4

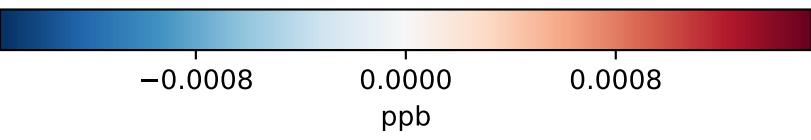
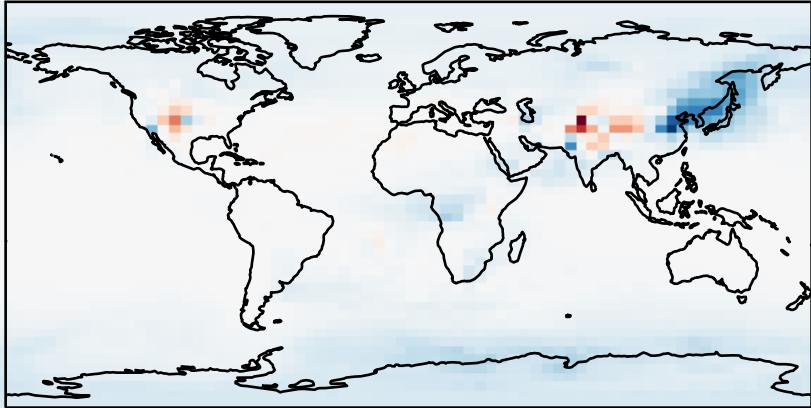
GC\_12.5.0 (Ref)  
4x5



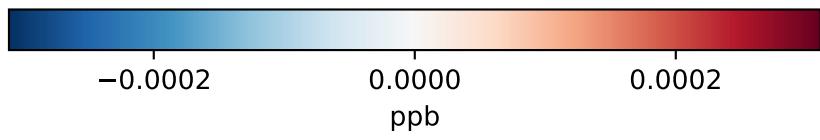
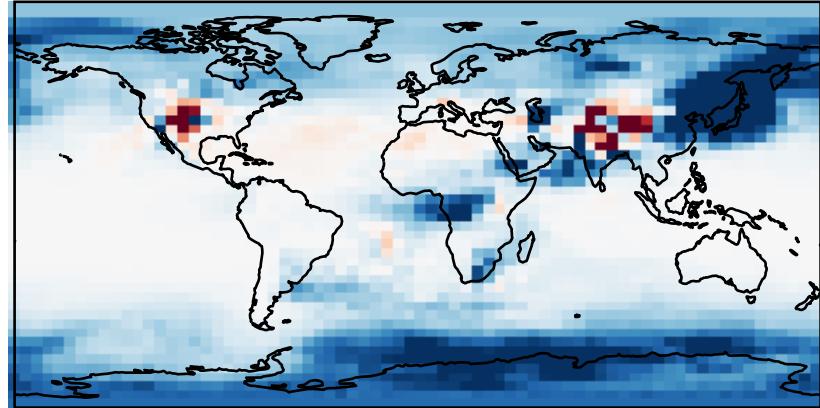
GC\_12.6.0 (Dev)  
4x5



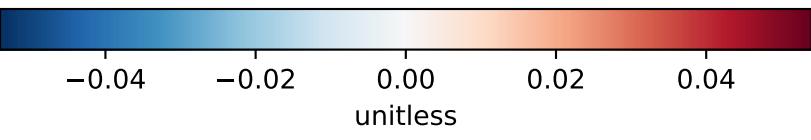
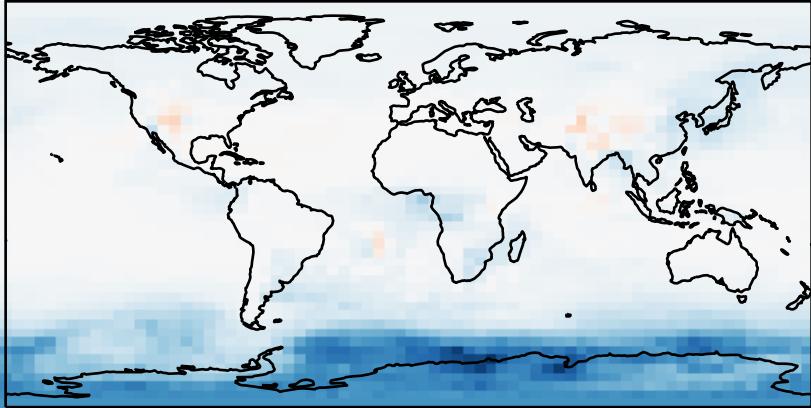
Difference  
Dev - Ref, Dynamic Range



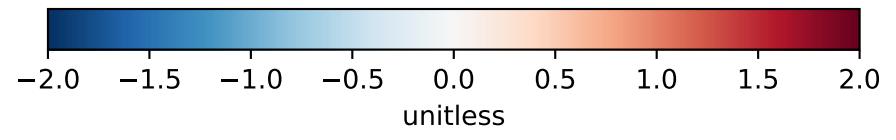
Difference  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range

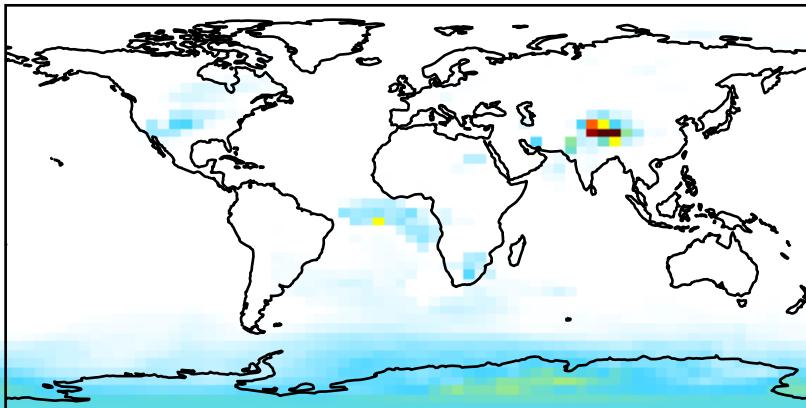


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

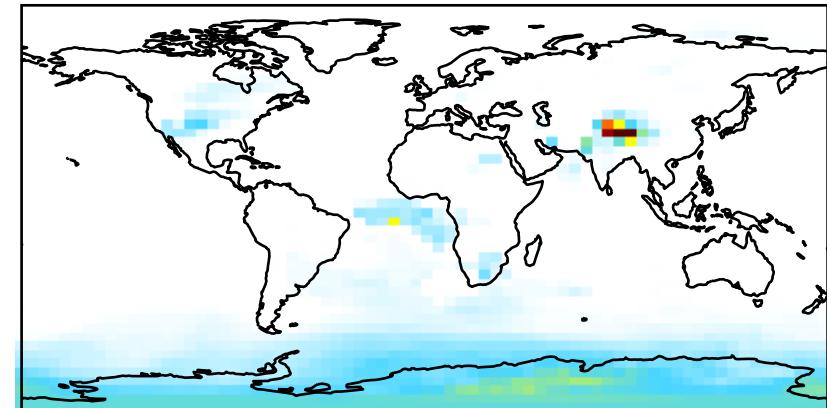


# SpeciesConc\_NIT

GC\_12.5.0 (Ref)  
4x5



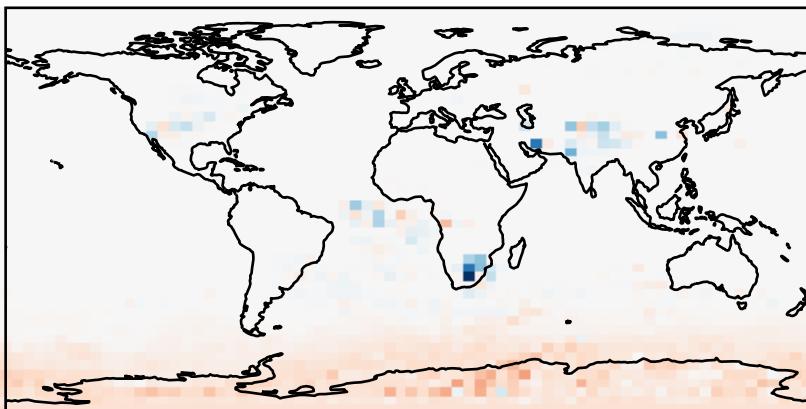
GC\_12.6.0 (Dev)  
4x5



0.015      0.030      0.045  
ppb

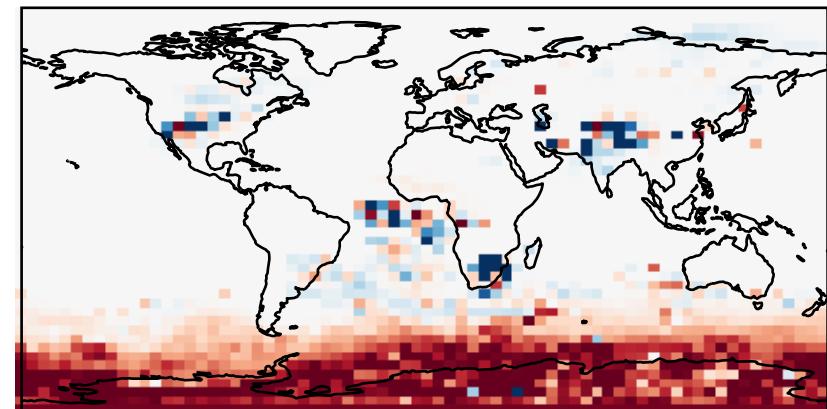
0.015      0.030      0.045  
ppb

Difference  
Dev - Ref, Dynamic Range



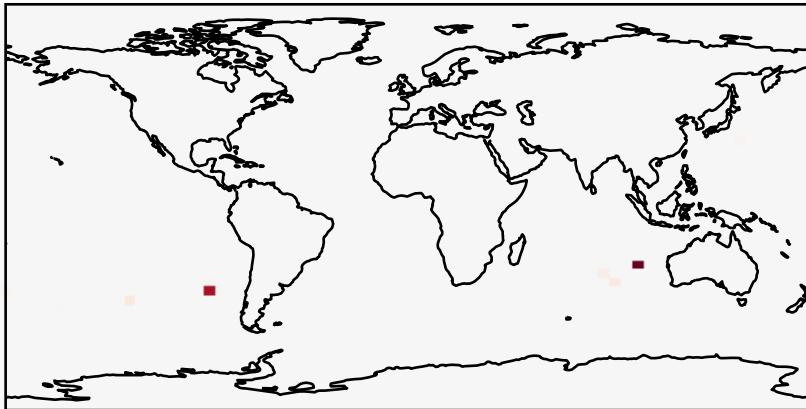
-0.0015      0.0000      0.0015  
ppb

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



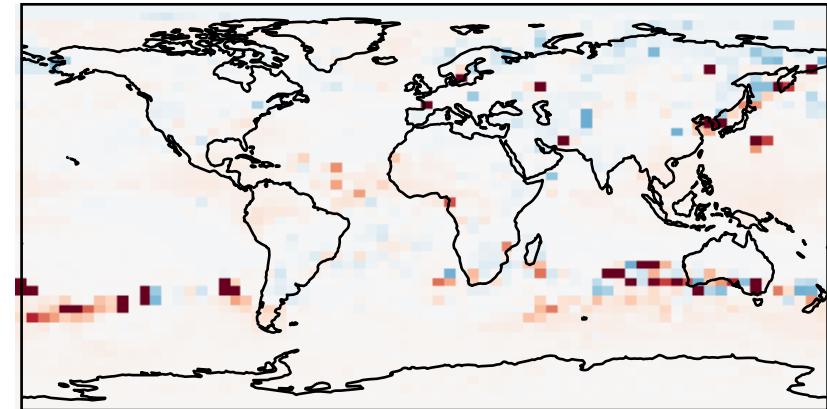
-0.0002      0.0000      0.0002  
ppb

Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range



-1500      0      1500  
unitless

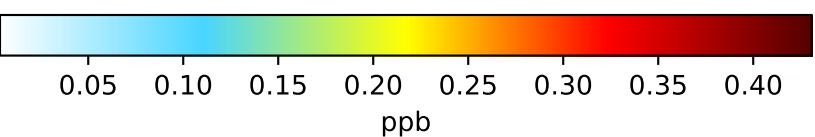
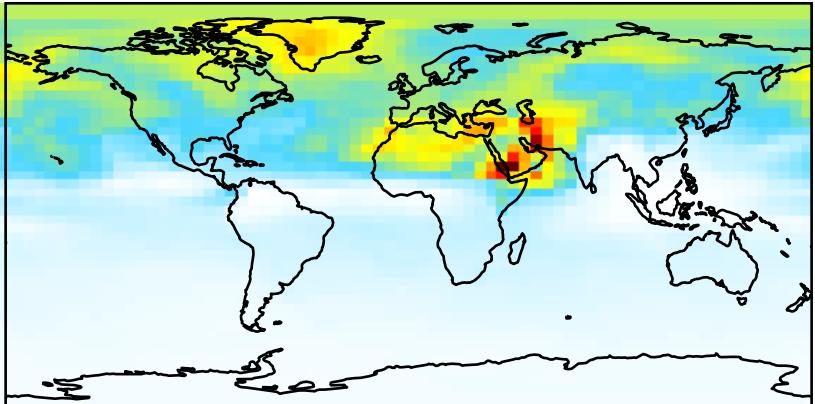
Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



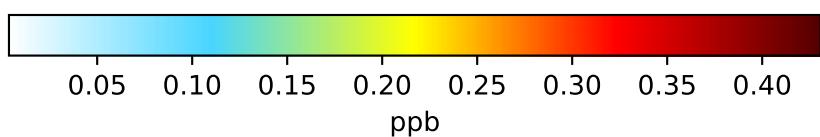
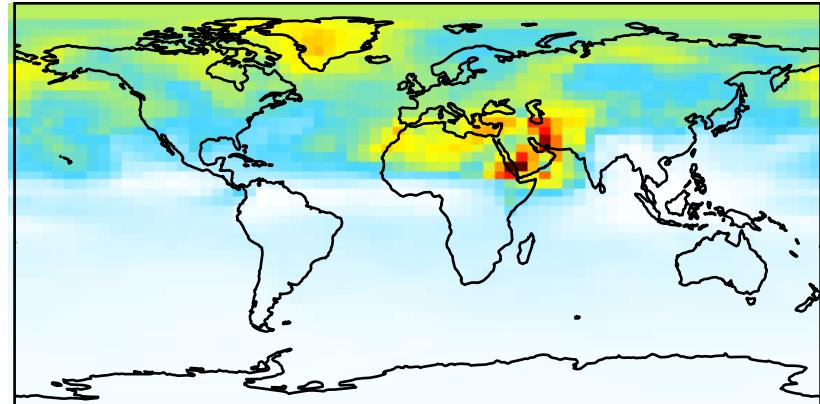
-2.0      -1.5      -1.0      -0.5      0.0      0.5      1.0      1.5      2.0  
unitless

# SpeciesConc\_SO4

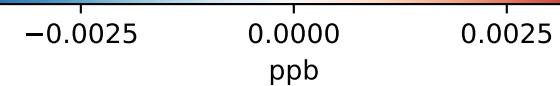
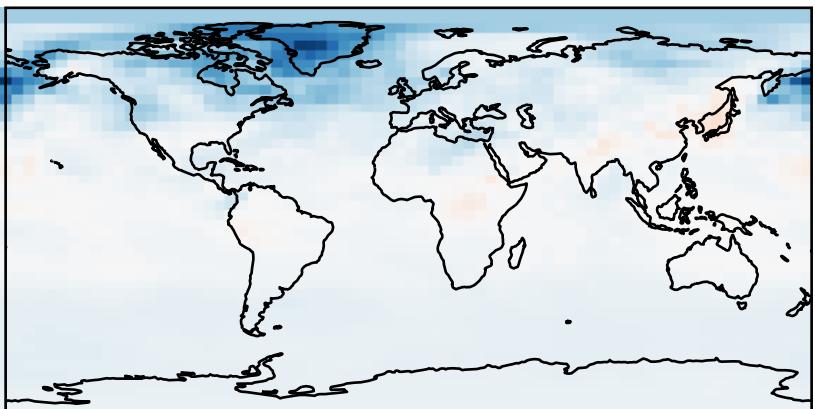
GC\_12.5.0 (Ref)  
4x5



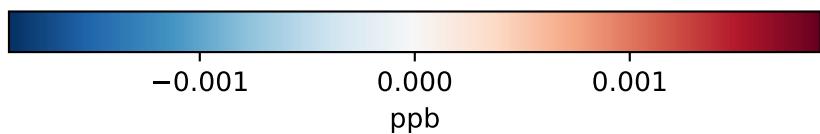
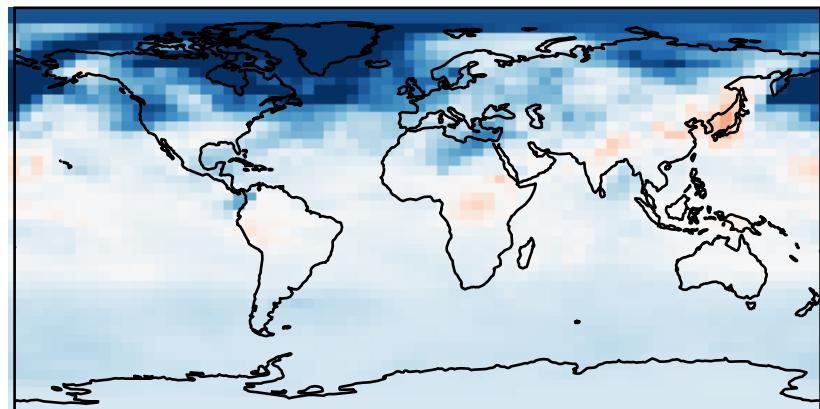
GC\_12.6.0 (Dev)  
4x5



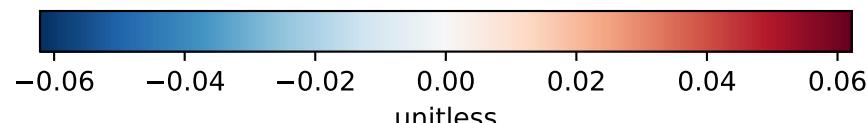
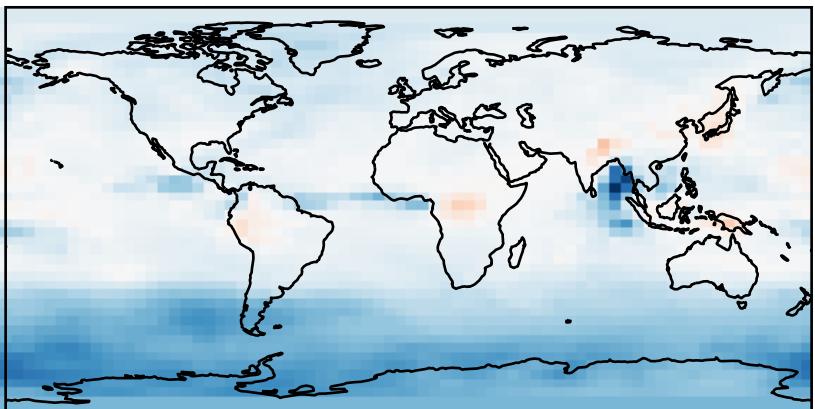
Difference  
Dev - Ref, Dynamic Range



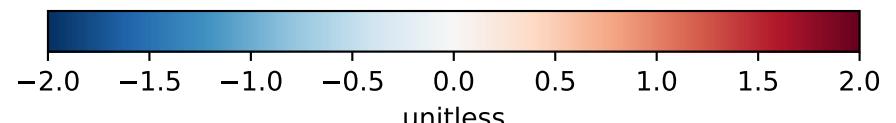
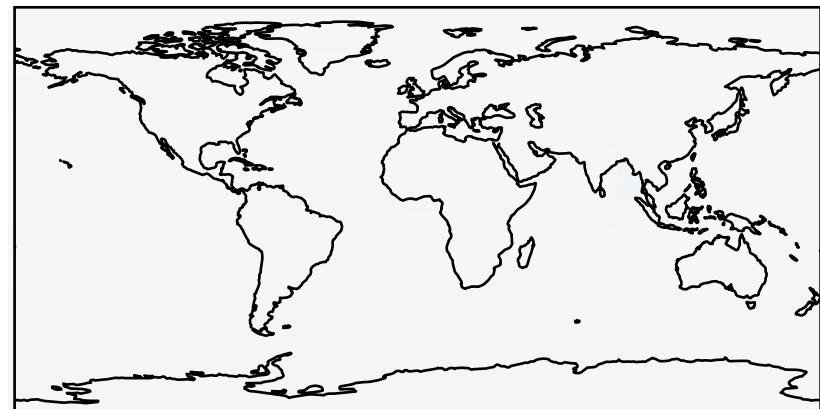
Difference  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range

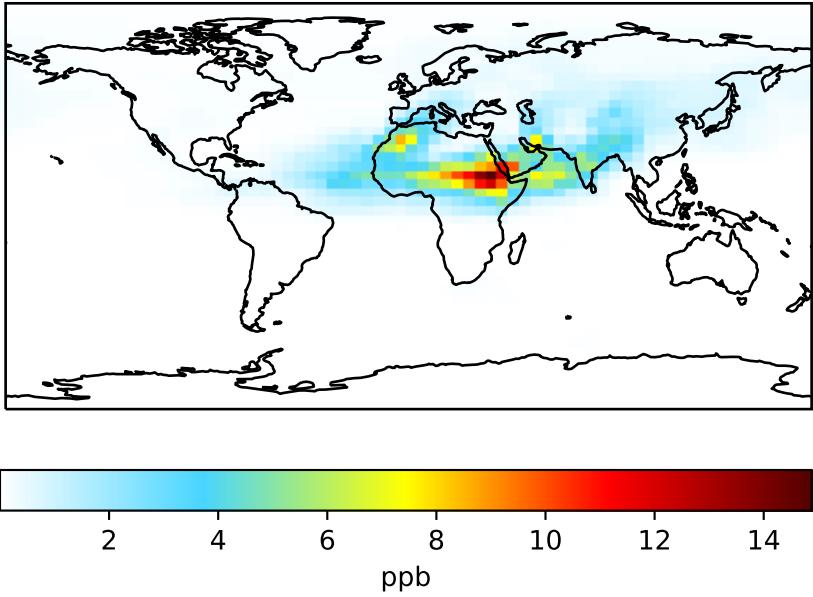


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

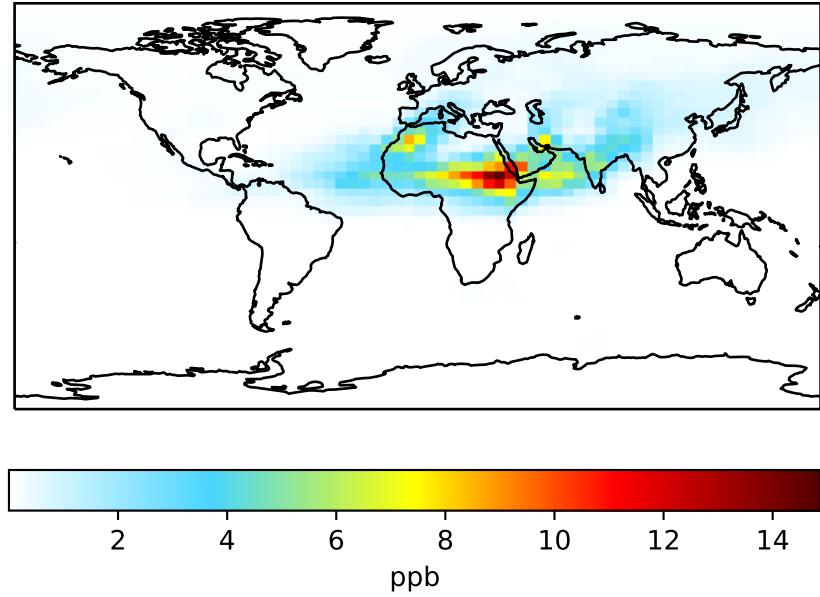


# SpeciesConc\_DST1

GC\_12.5.0 (Ref)  
4x5



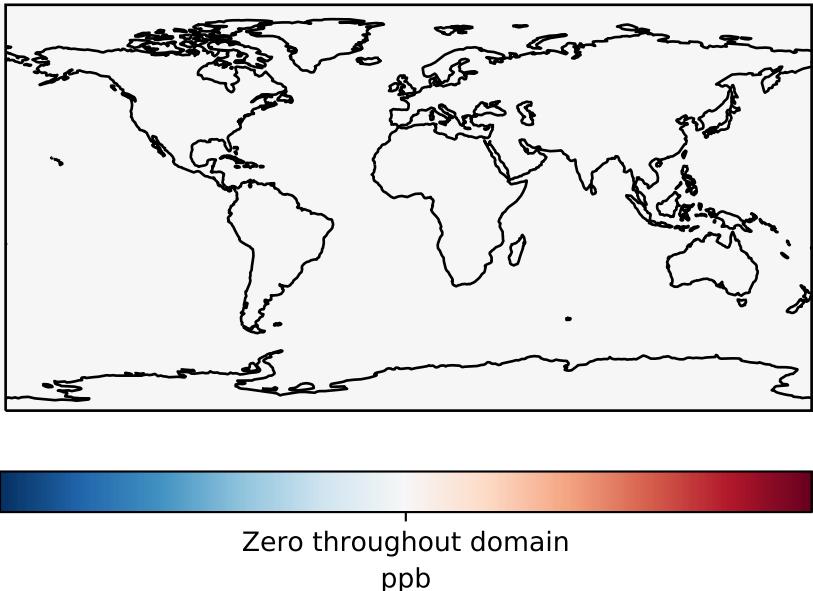
GC\_12.6.0 (Dev)  
4x5



2 4 6 8 10 12 14  
ppb

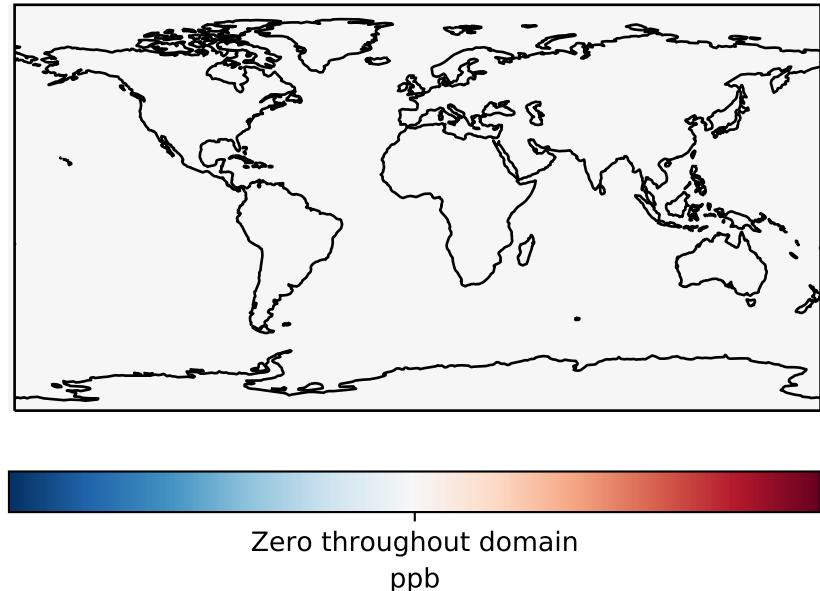
2 4 6 8 10 12 14  
ppb

Difference  
Dev - Ref, Dynamic Range



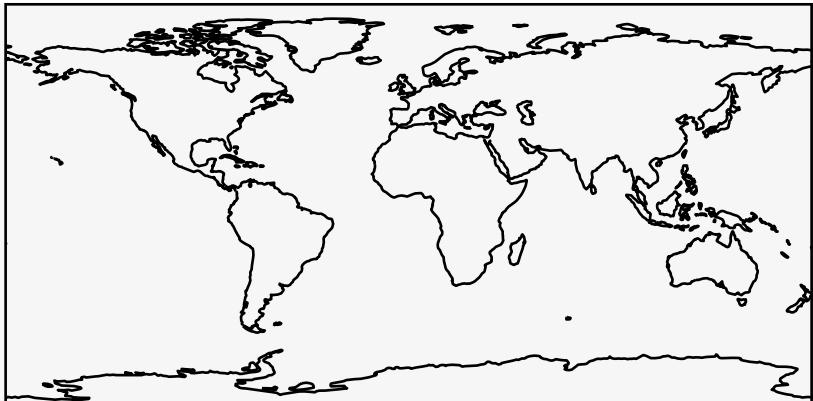
Zero throughout domain  
ppb

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



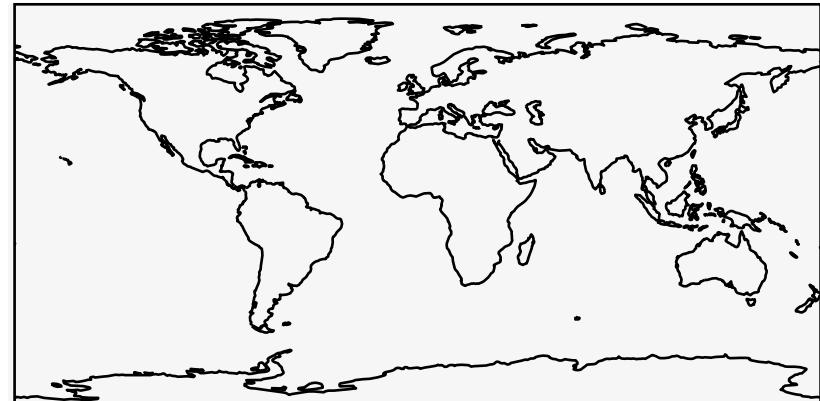
Zero throughout domain  
ppb

Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range



Zero throughout domain  
unitless

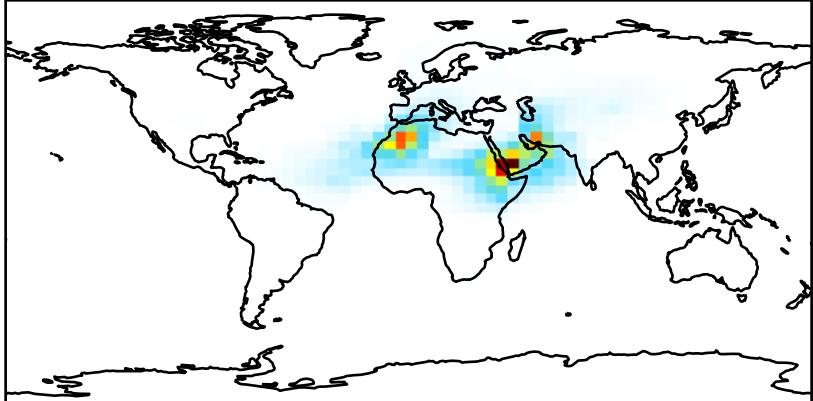
Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



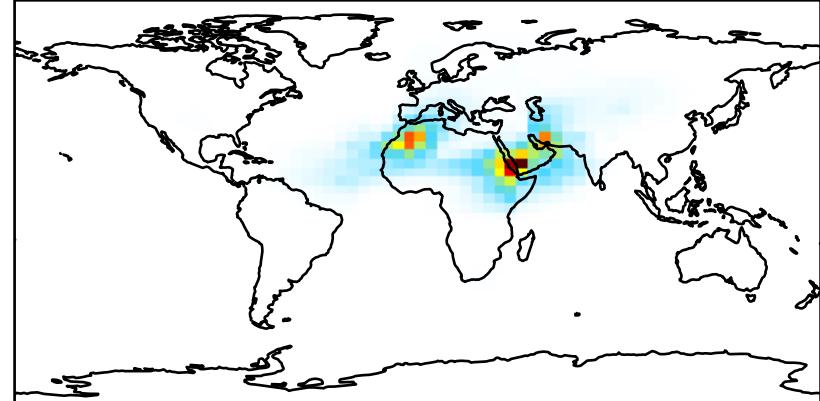
Zero throughout domain  
unitless

# SpeciesConc\_DST2

GC\_12.5.0 (Ref)  
4x5



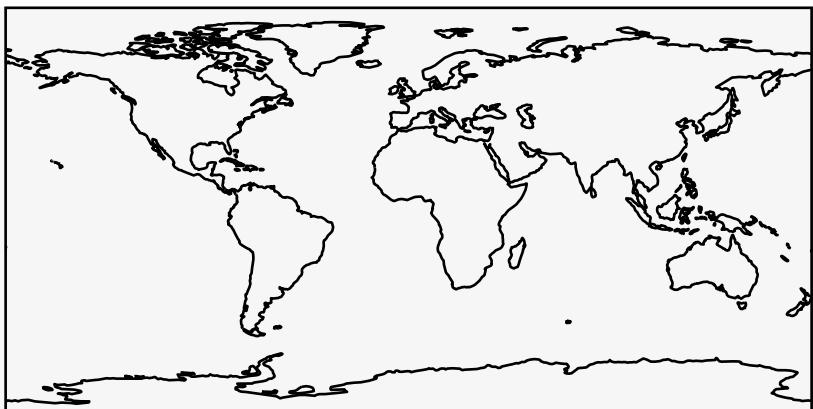
GC\_12.6.0 (Dev)  
4x5



2 4 6 8 10  
ppb

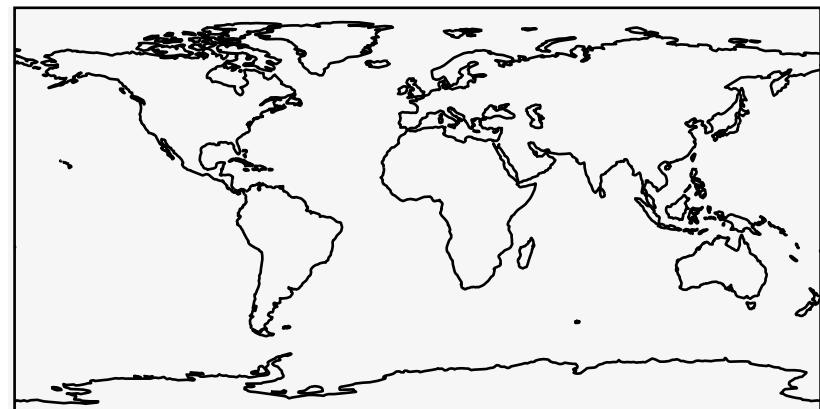
2 4 6 8 10  
ppb

Difference  
Dev - Ref, Dynamic Range



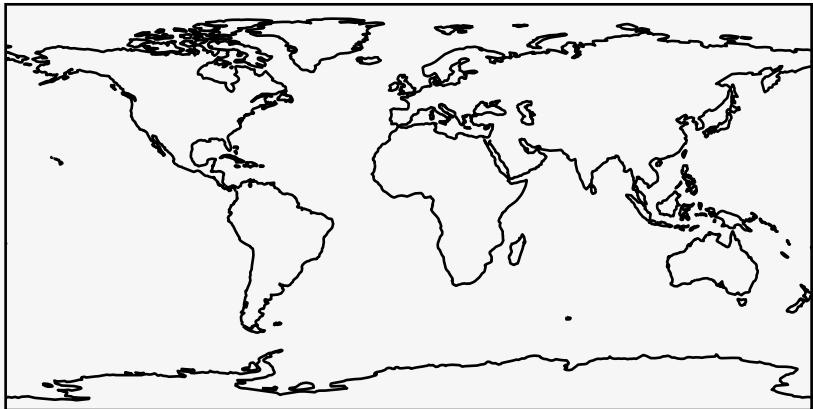
Zero throughout domain  
ppb

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



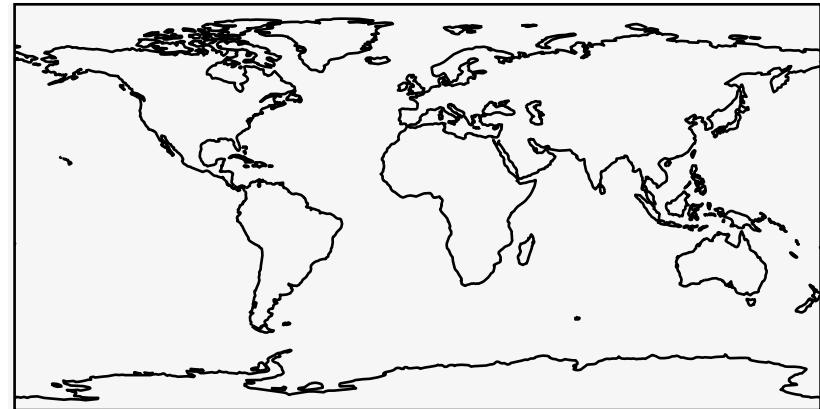
Zero throughout domain  
ppb

Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range



Zero throughout domain  
unitless

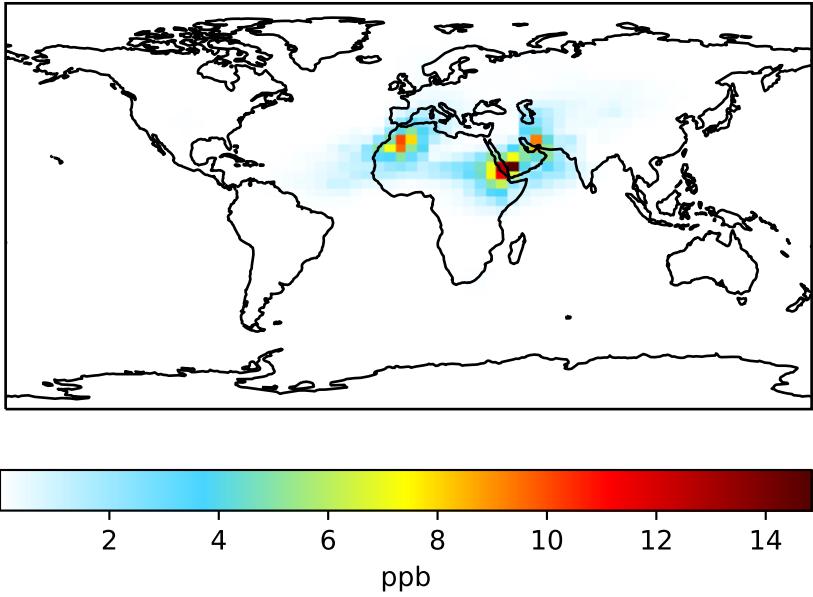
Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



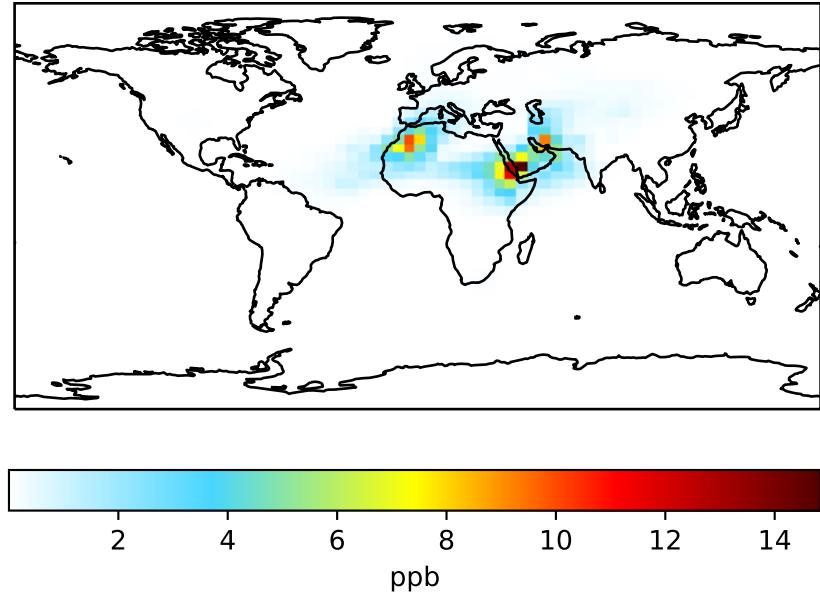
Zero throughout domain  
unitless

# SpeciesConc\_DST3

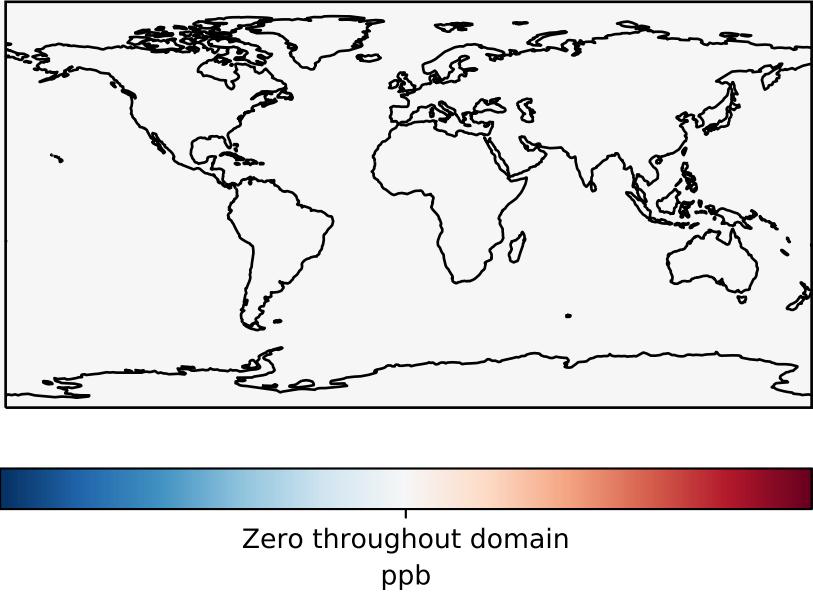
GC\_12.5.0 (Ref)  
4x5



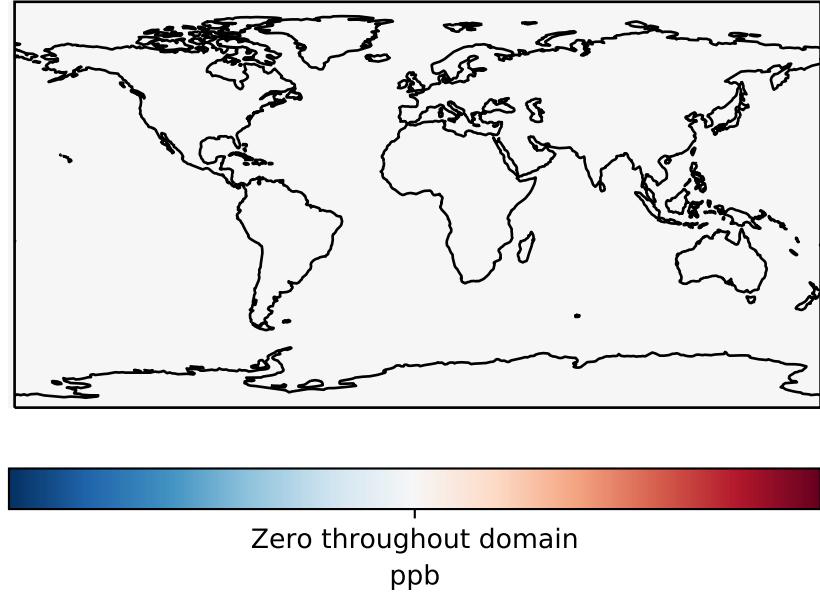
GC\_12.6.0 (Dev)  
4x5



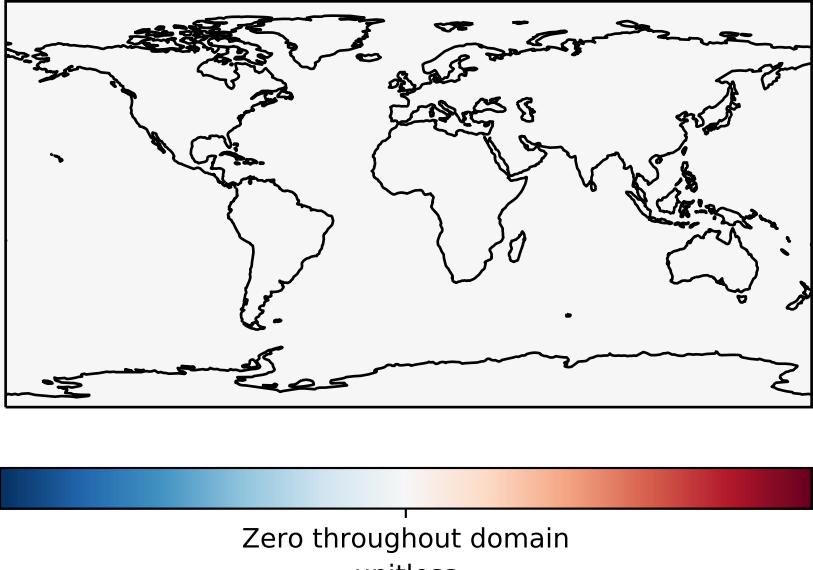
Difference  
Dev - Ref, Dynamic Range



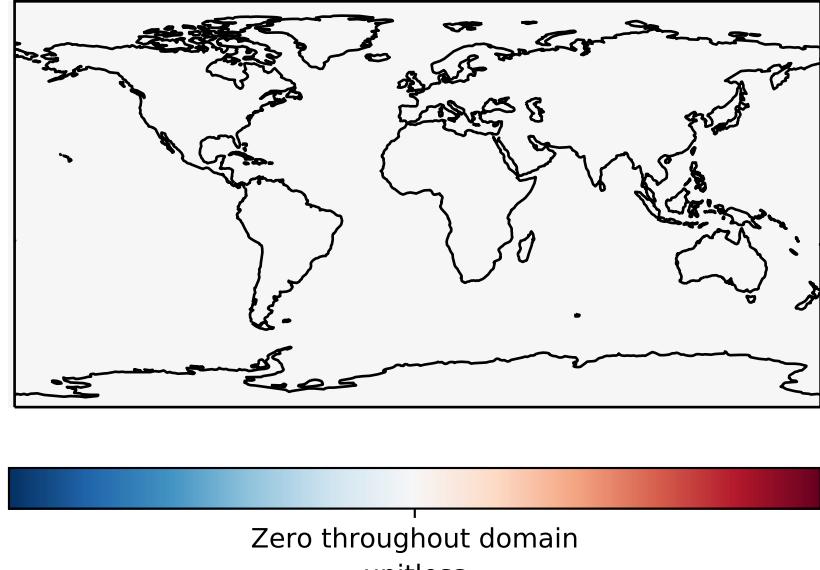
Difference  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range

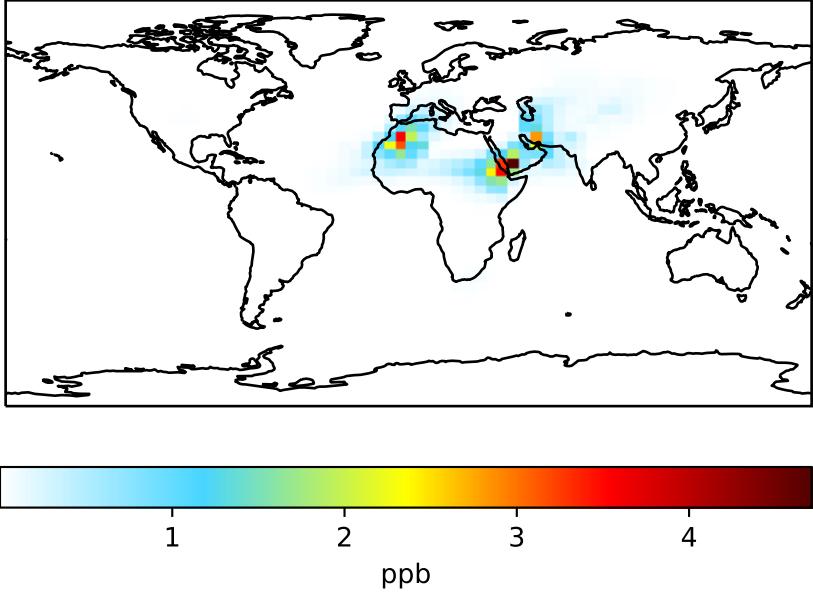


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

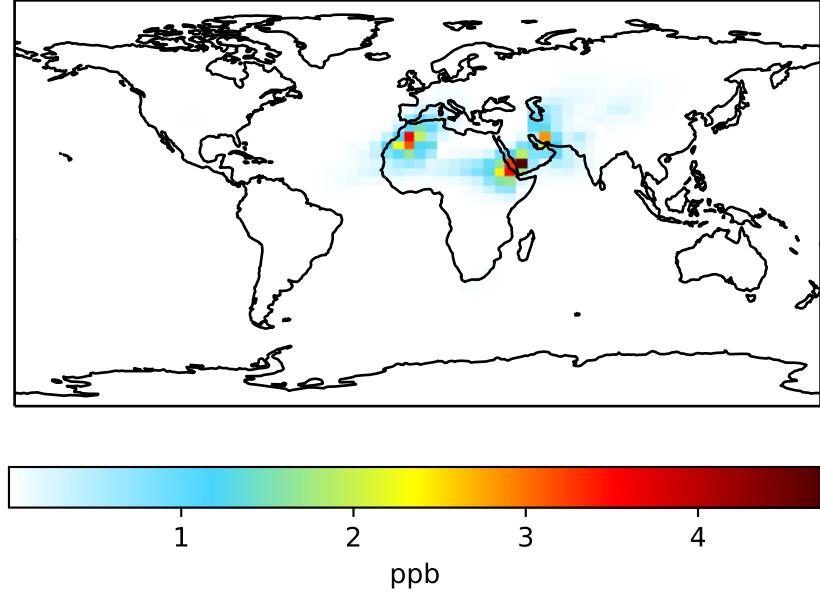


# SpeciesConc\_DST4

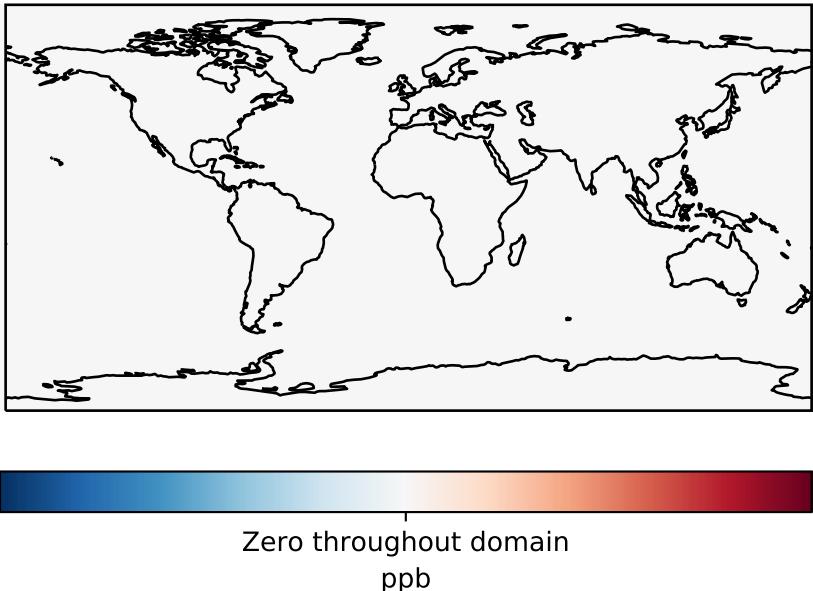
GC\_12.5.0 (Ref)  
4x5



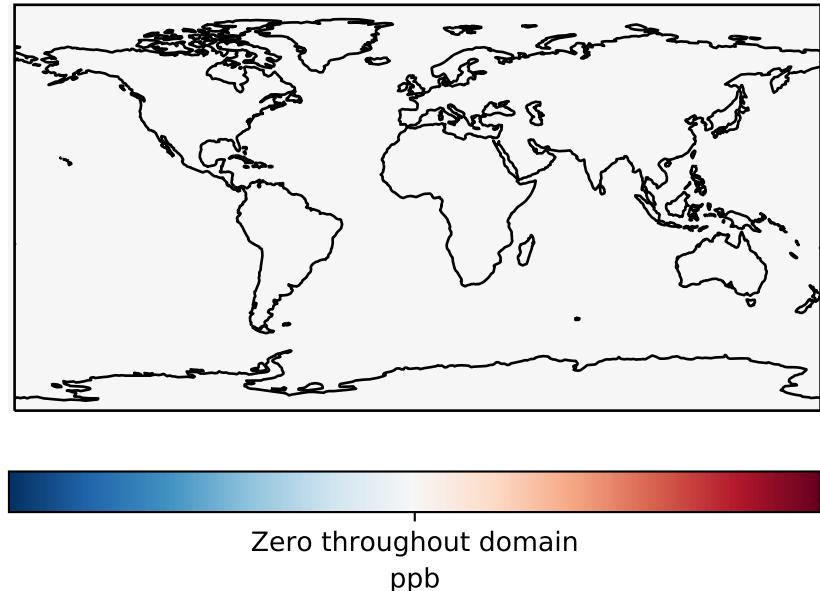
GC\_12.6.0 (Dev)  
4x5



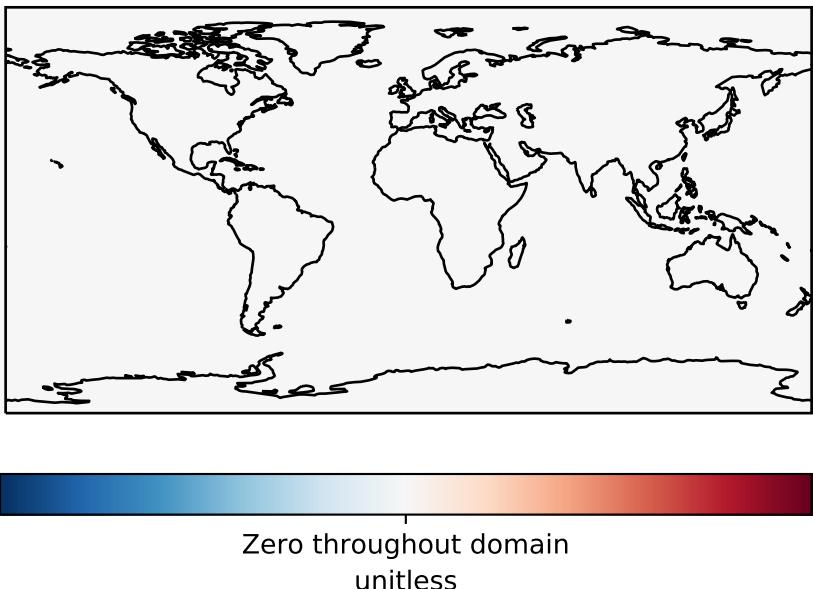
Difference  
Dev - Ref, Dynamic Range



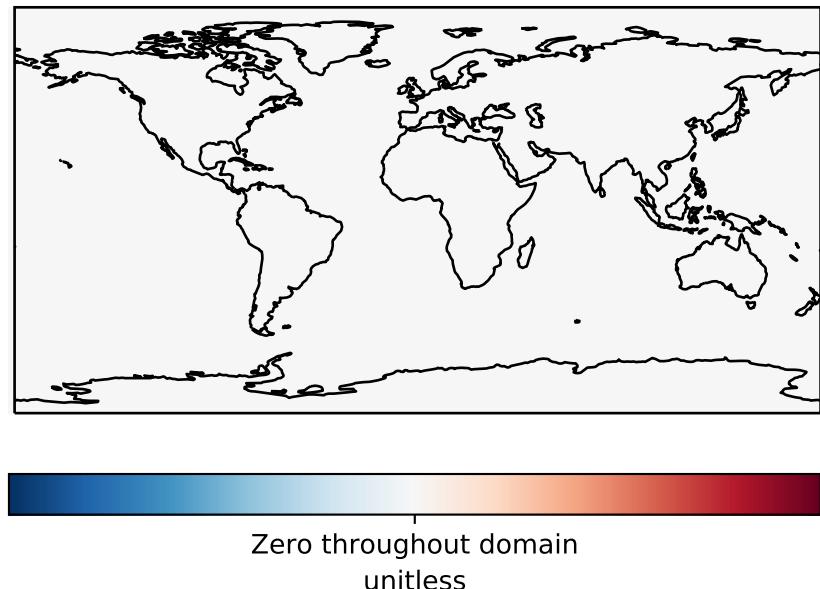
Difference  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range

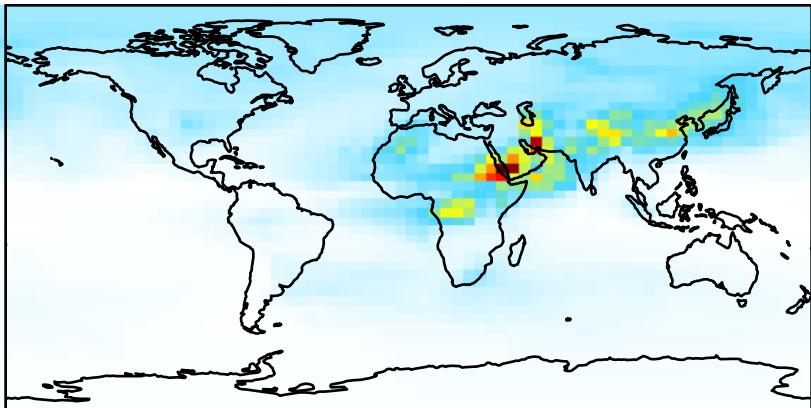


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

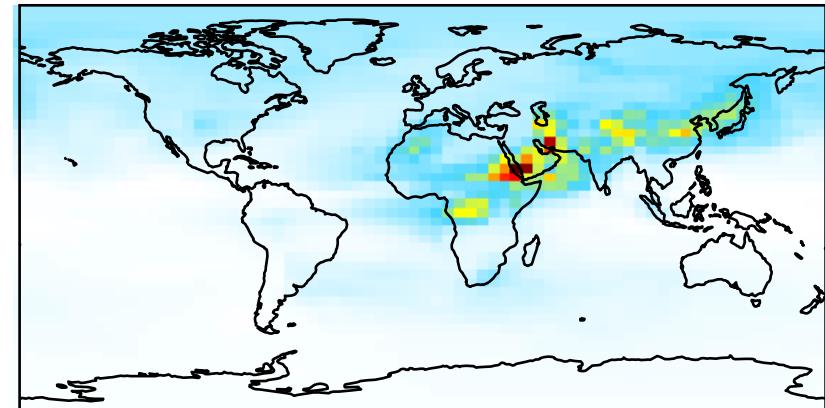


# SpeciesConc\_BCPI

GC\_12.5.0 (Ref)  
4x5



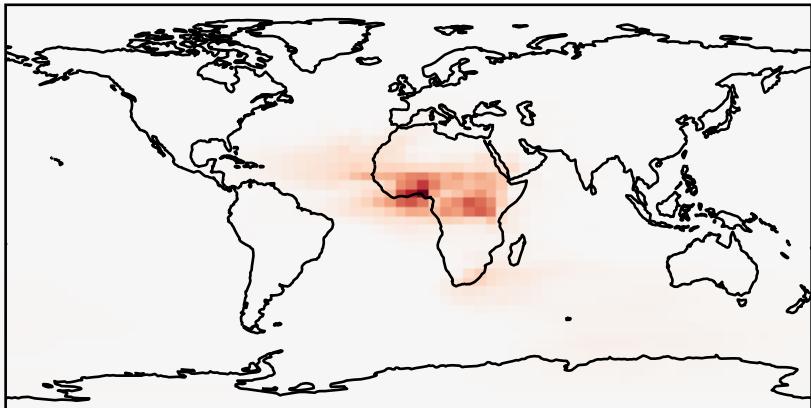
GC\_12.6.0 (Dev)  
4x5



0.02 0.04 0.06 0.08 0.10  
ppb

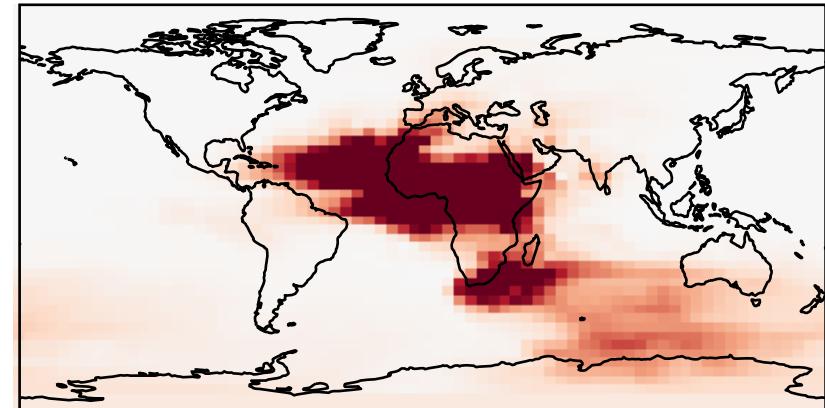
0.02 0.04 0.06 0.08 0.10  
ppb

Difference  
Dev - Ref, Dynamic Range



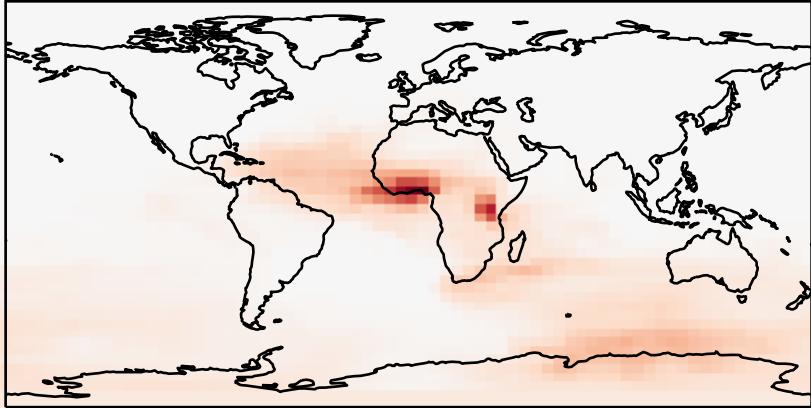
-0.0015 0.0000 0.0015  
ppb

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



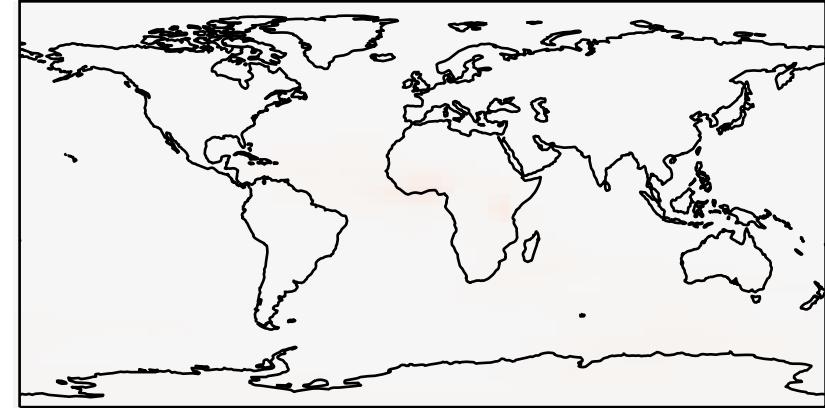
-0.00015 0.00000 0.00015  
ppb

Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range



-0.15 -0.10 -0.05 0.00 0.05 0.10 0.15  
unitless

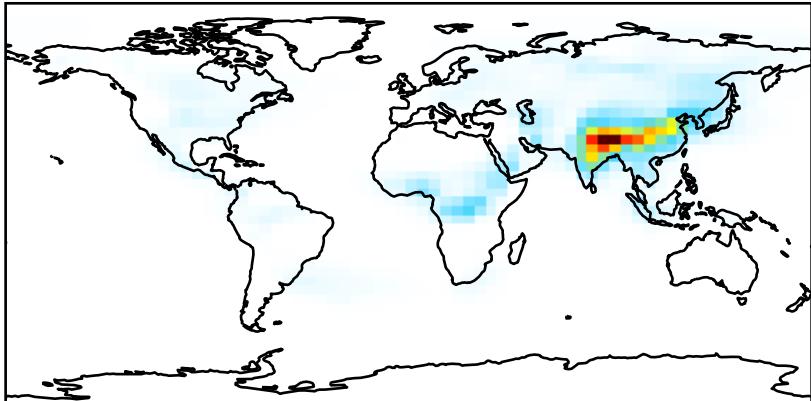
Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



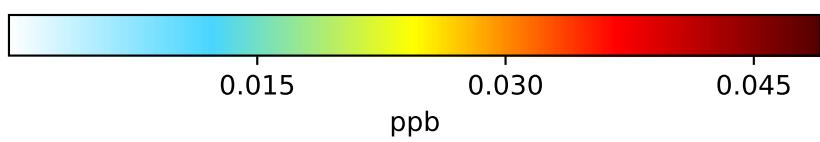
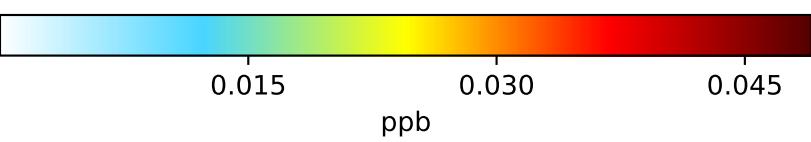
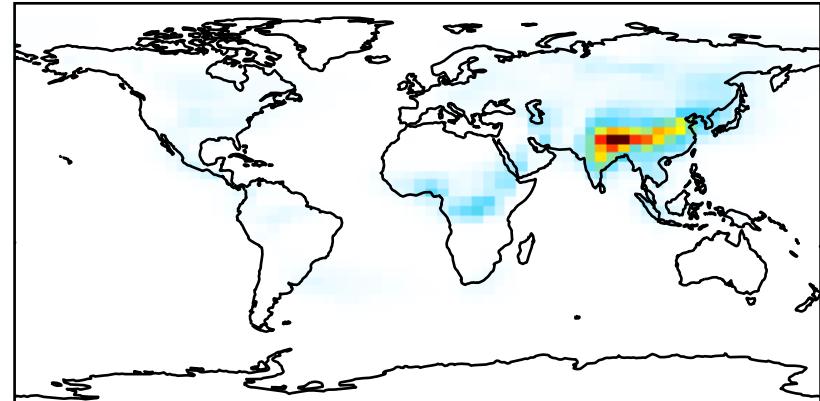
-2.0 -1.5 -1.0 -0.5 0.0 0.5 1.0 1.5 2.0  
unitless

# SpeciesConc\_BCPO

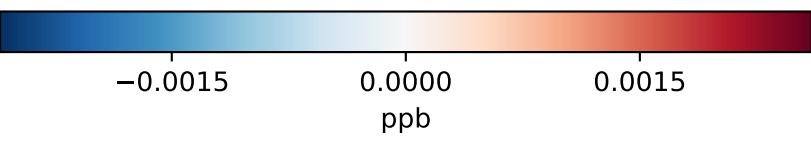
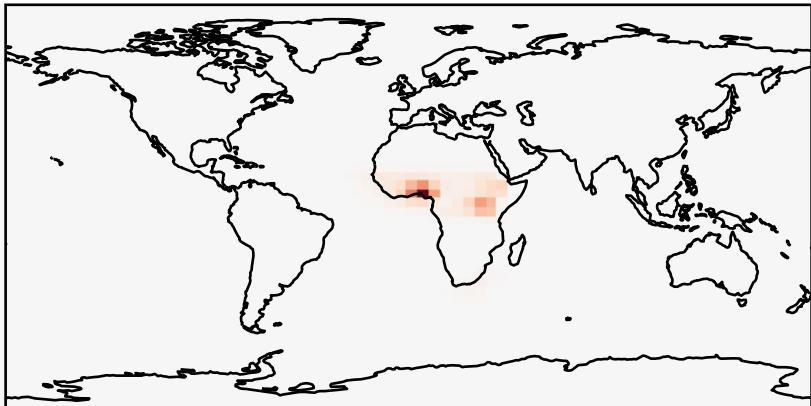
GC\_12.5.0 (Ref)  
4x5



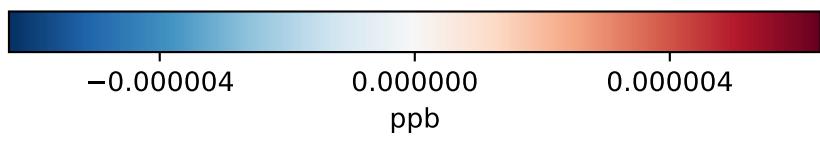
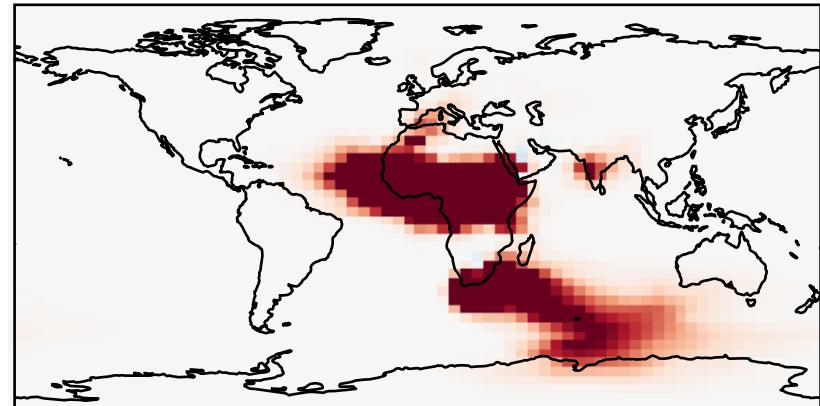
GC\_12.6.0 (Dev)  
4x5



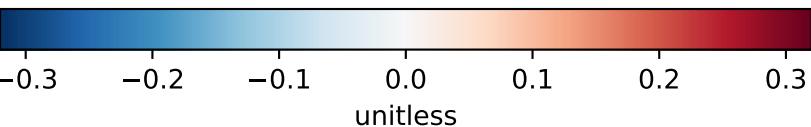
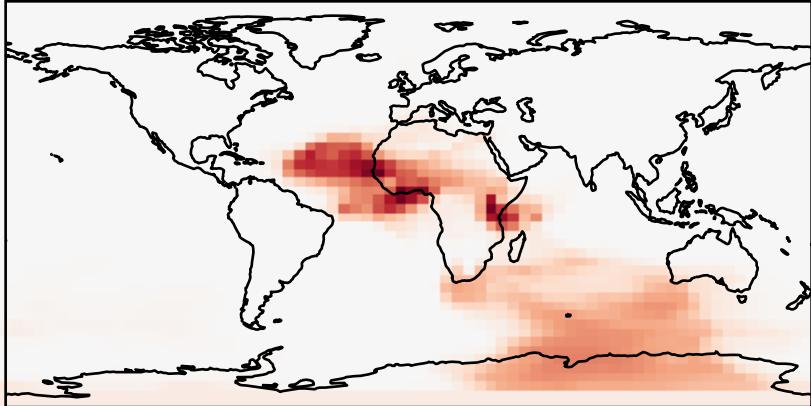
Difference  
Dev - Ref, Dynamic Range



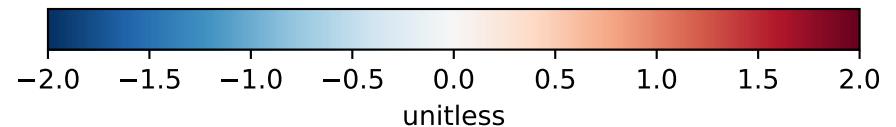
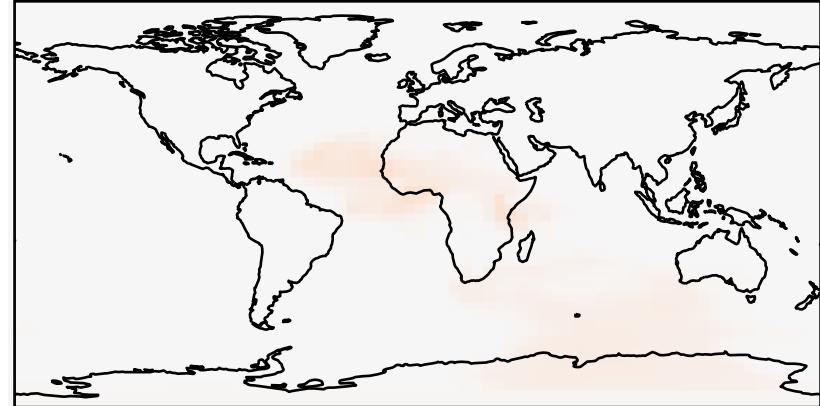
Difference  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range

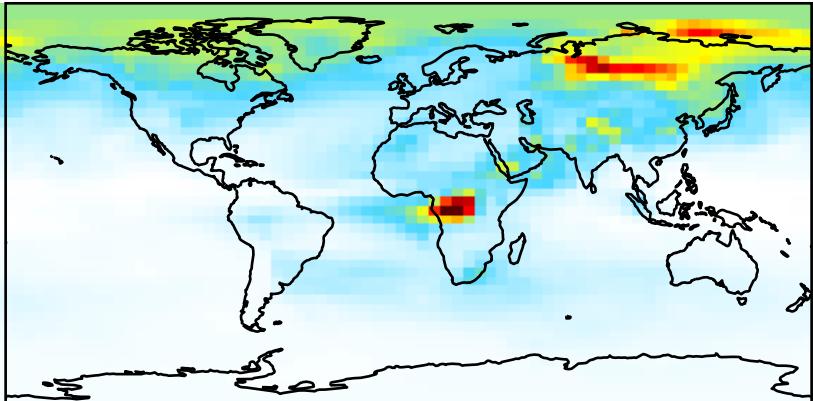


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

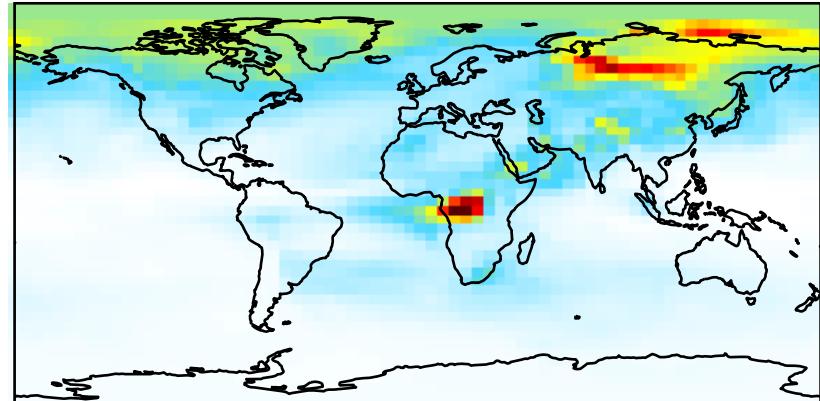


# SpeciesConc\_OCPI

GC\_12.5.0 (Ref)  
4x5



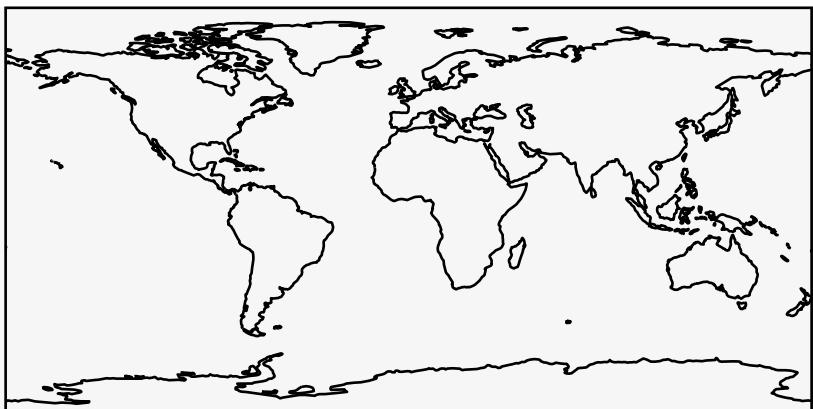
GC\_12.6.0 (Dev)  
4x5



0.05 0.10 0.15 0.20 0.25 0.30  
ppb

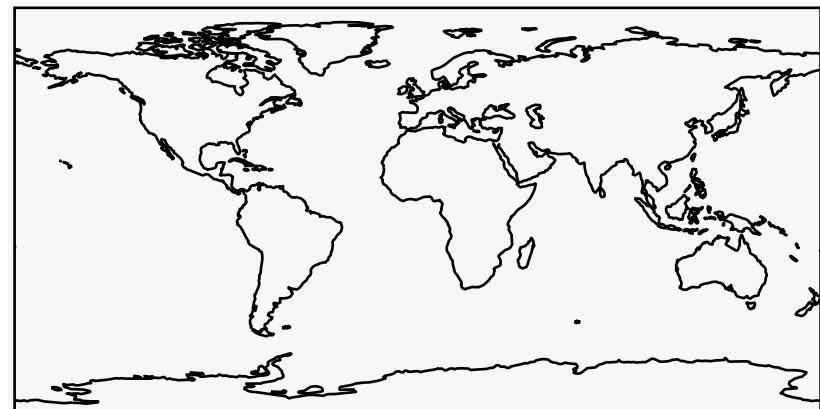
0.05 0.10 0.15 0.20 0.25 0.30  
ppb

Difference  
Dev - Ref, Dynamic Range



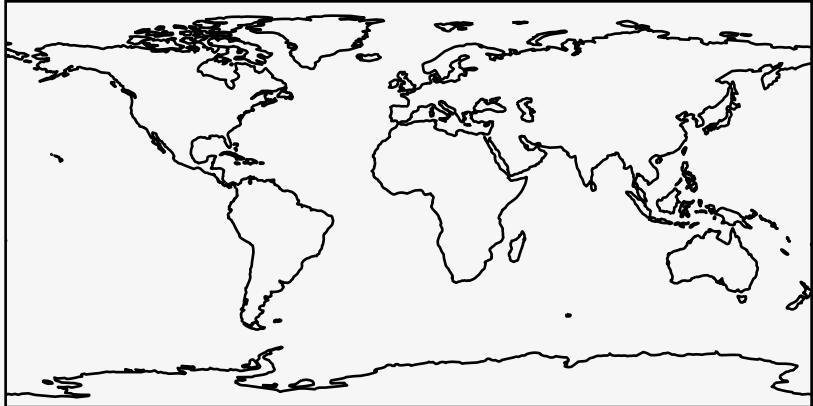
Zero throughout domain  
ppb

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



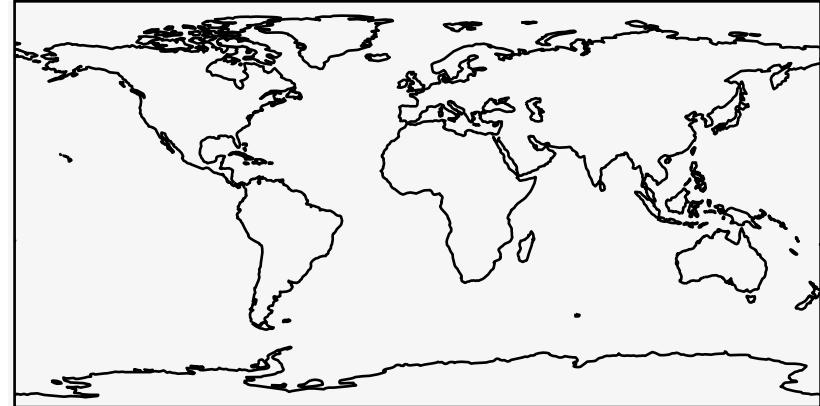
Zero throughout domain  
ppb

Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range



Zero throughout domain  
unitless

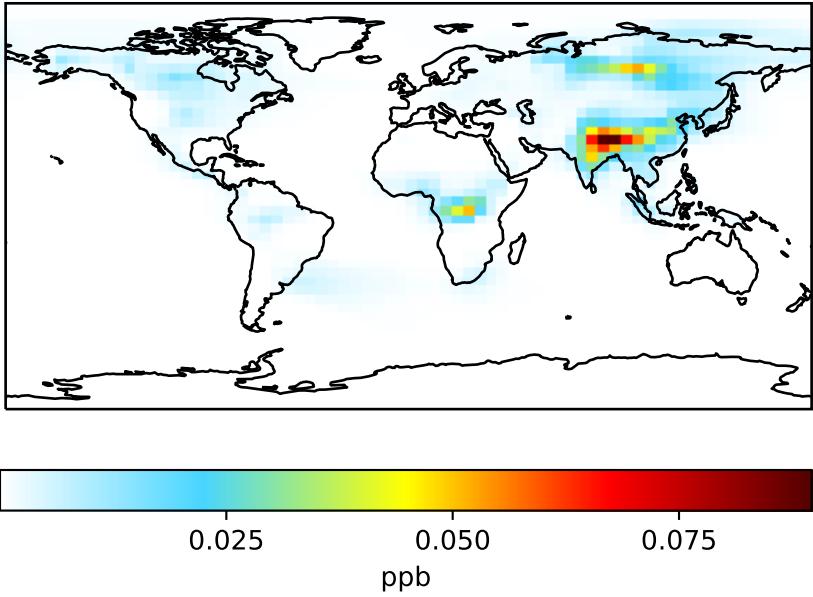
Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



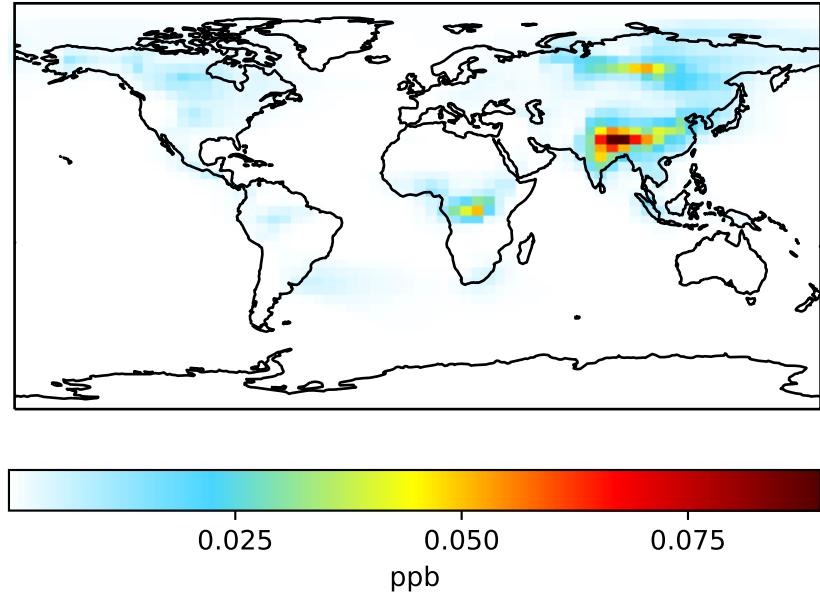
Zero throughout domain  
unitless

# SpeciesConc\_OCPO

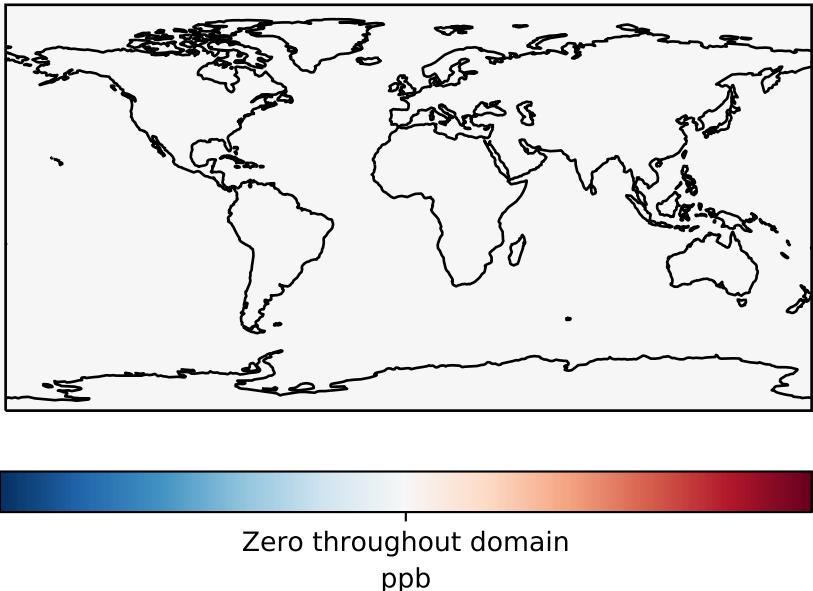
GC\_12.5.0 (Ref)  
4x5



GC\_12.6.0 (Dev)  
4x5

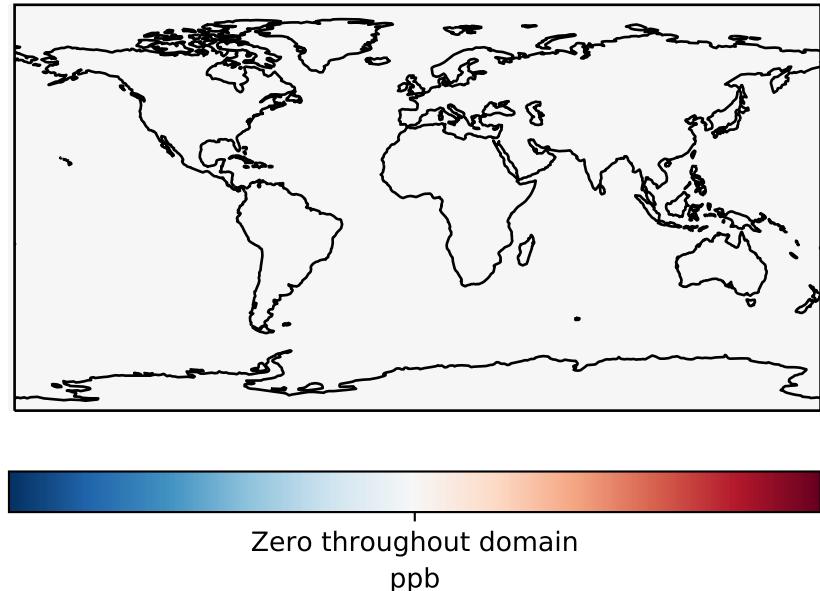


Difference  
Dev - Ref, Dynamic Range



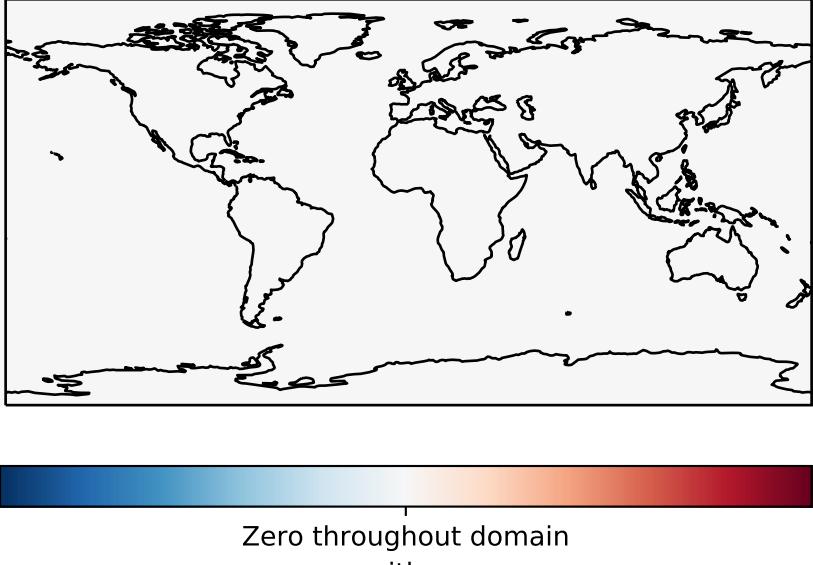
Zero throughout domain  
ppb

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



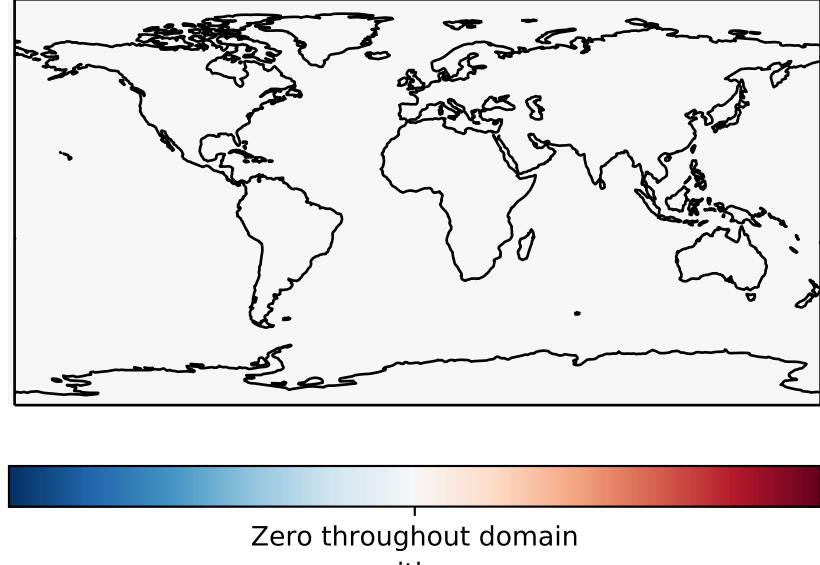
Zero throughout domain  
ppb

Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range



Zero throughout domain  
unitless

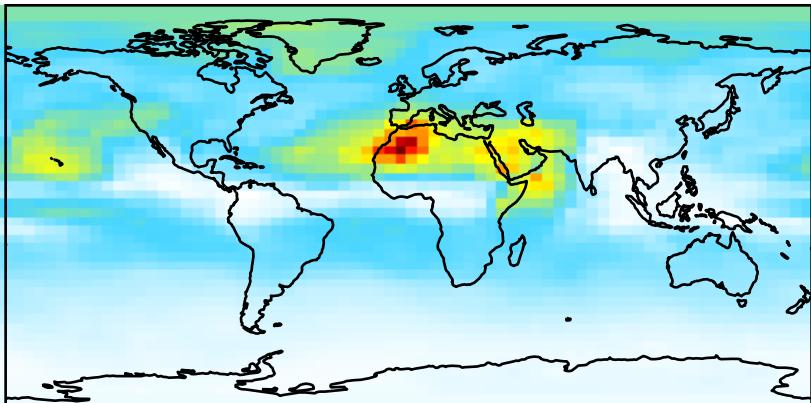
Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



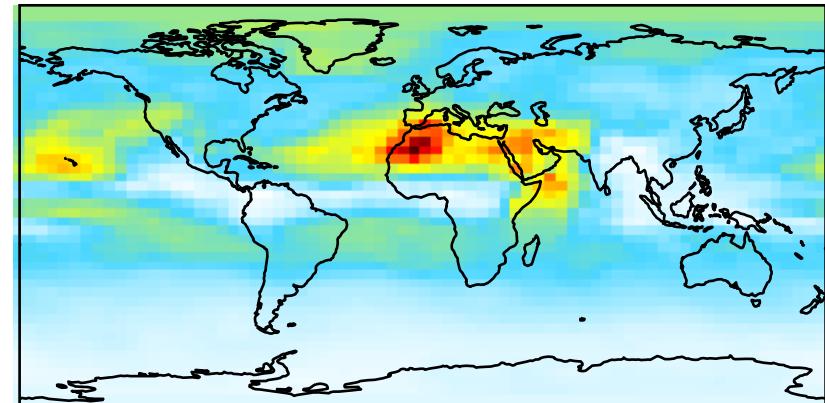
Zero throughout domain  
unitless

# SpeciesConc\_AERI

GC\_12.5.0 (Ref)  
4x5



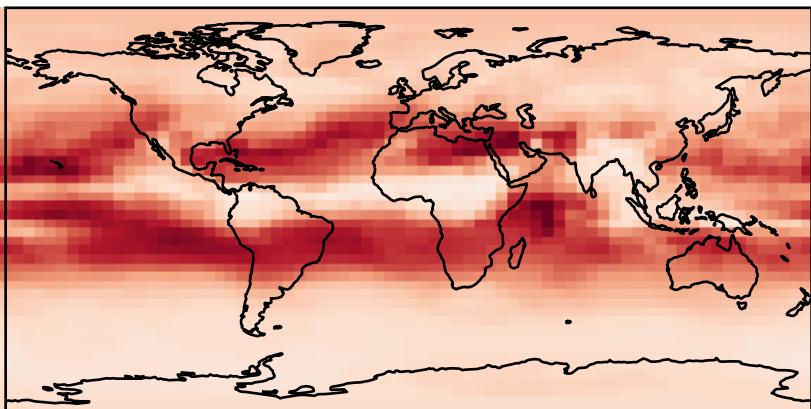
GC\_12.6.0 (Dev)  
4x5



0.00015      0.00030      0.00045  
ppb

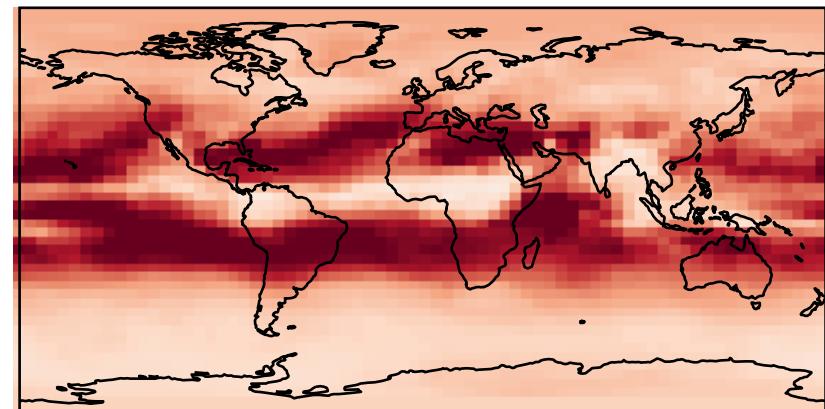
0.00015      0.00030      0.00045  
ppb

Difference  
Dev - Ref, Dynamic Range



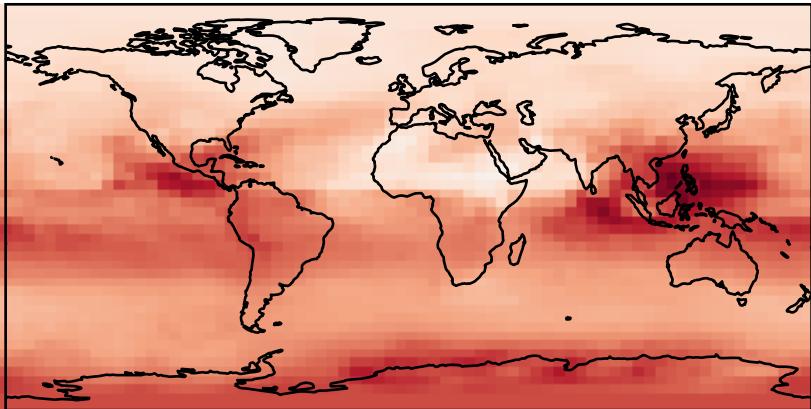
-0.00003      0.00000      0.00003  
ppb

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



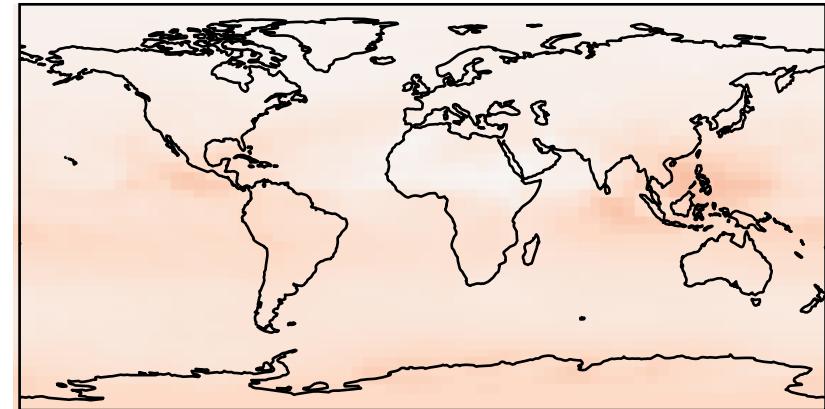
-0.000025      0.000000      0.000025  
ppb

Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range



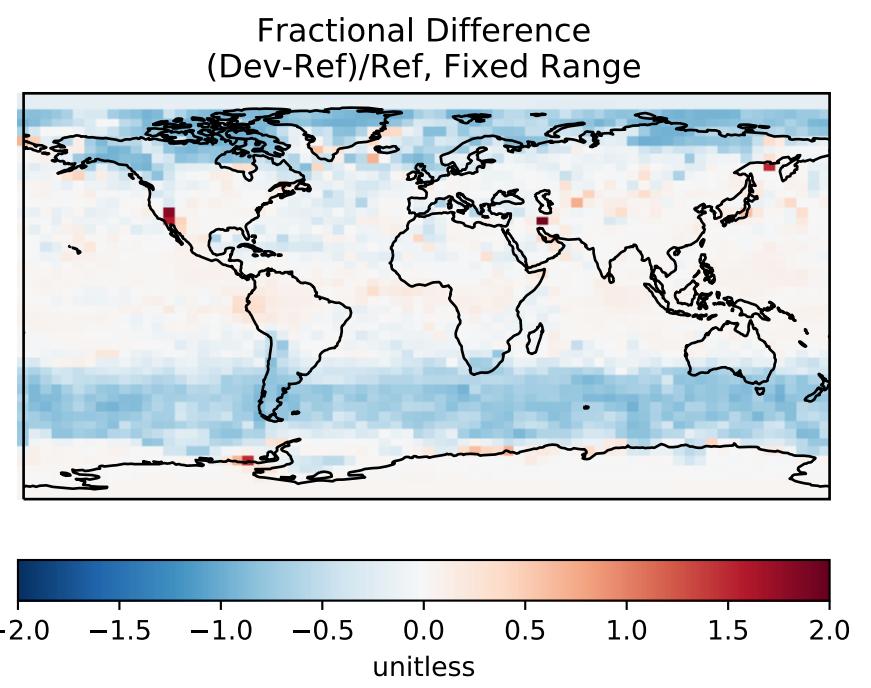
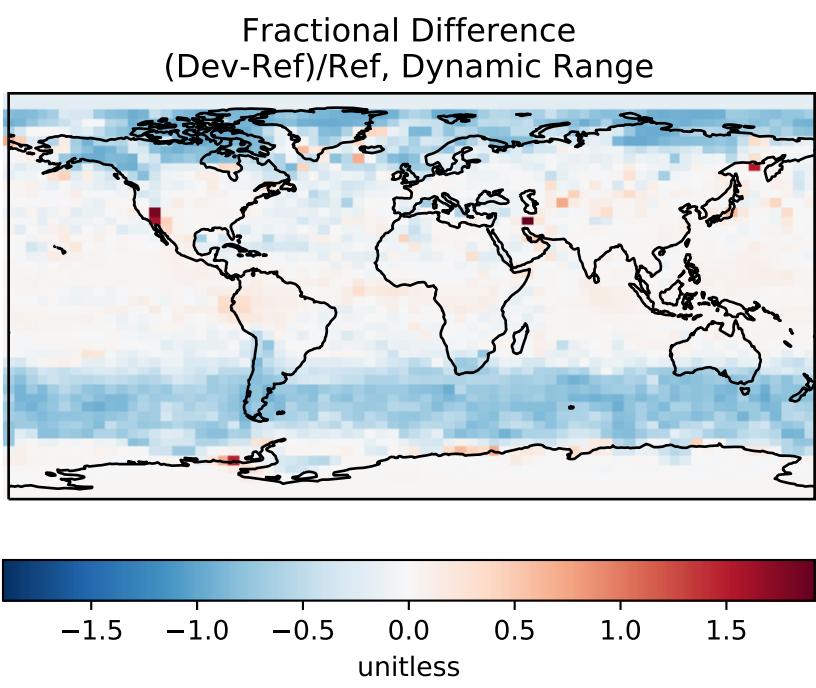
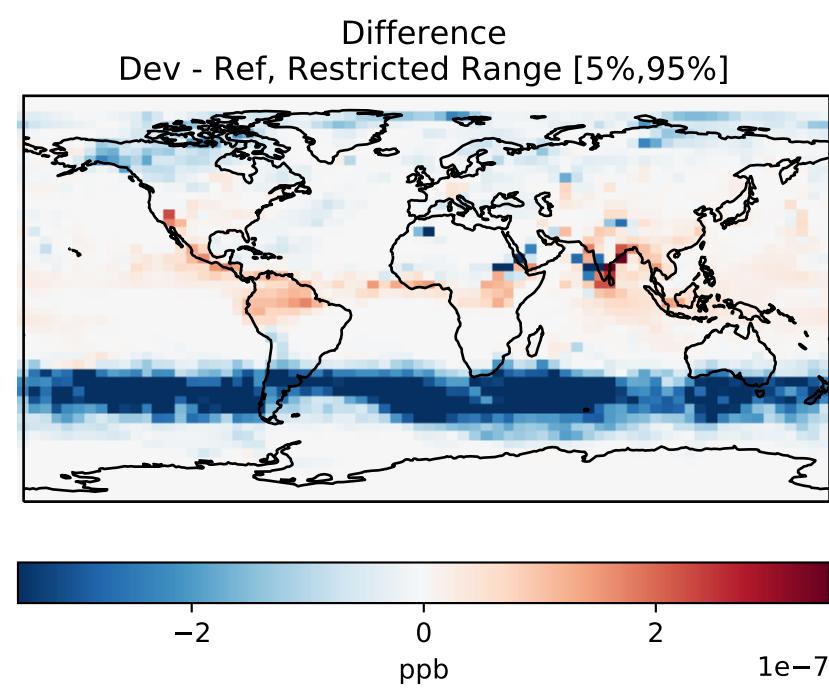
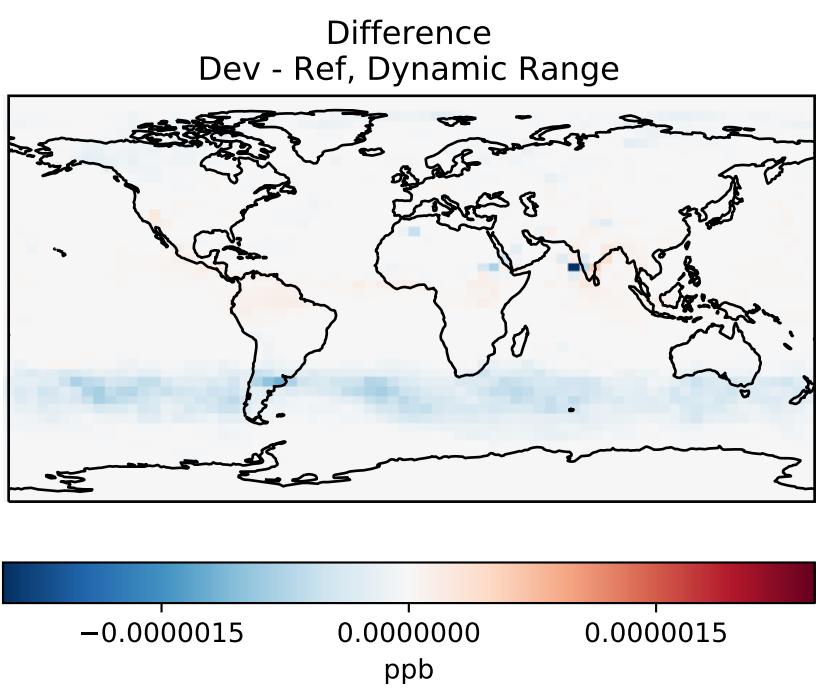
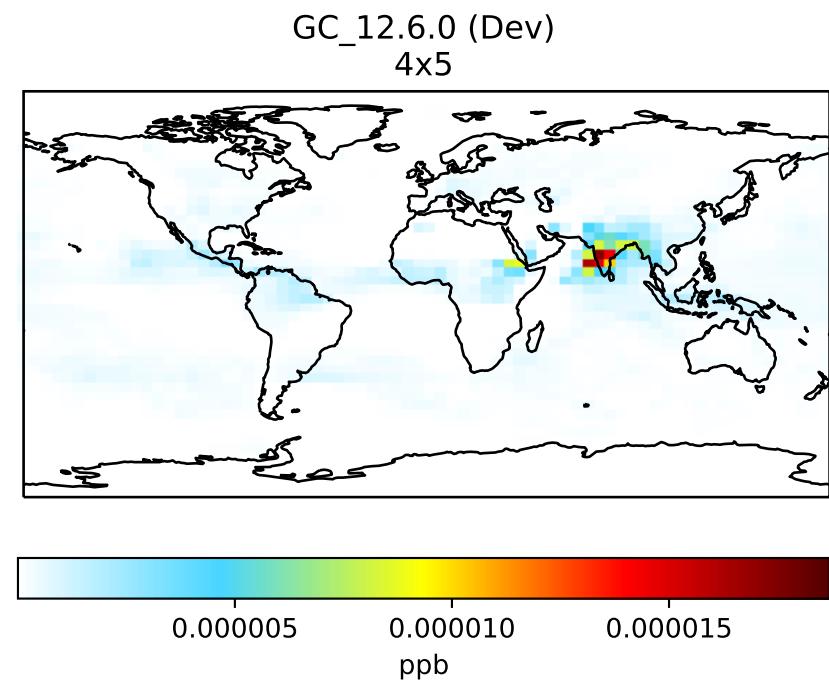
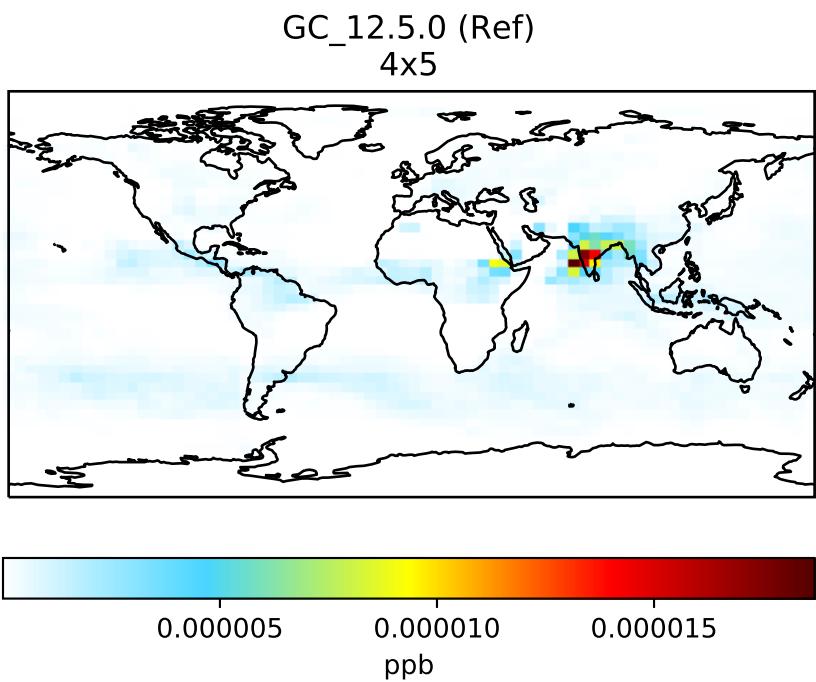
-0.6      -0.4      -0.2      0.0      0.2      0.4      0.6  
unitless

Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

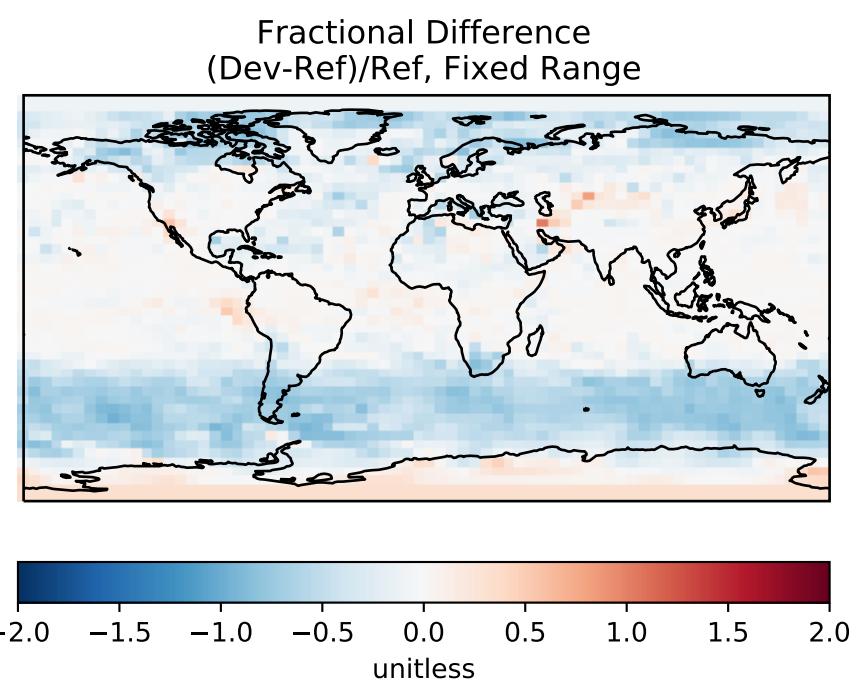
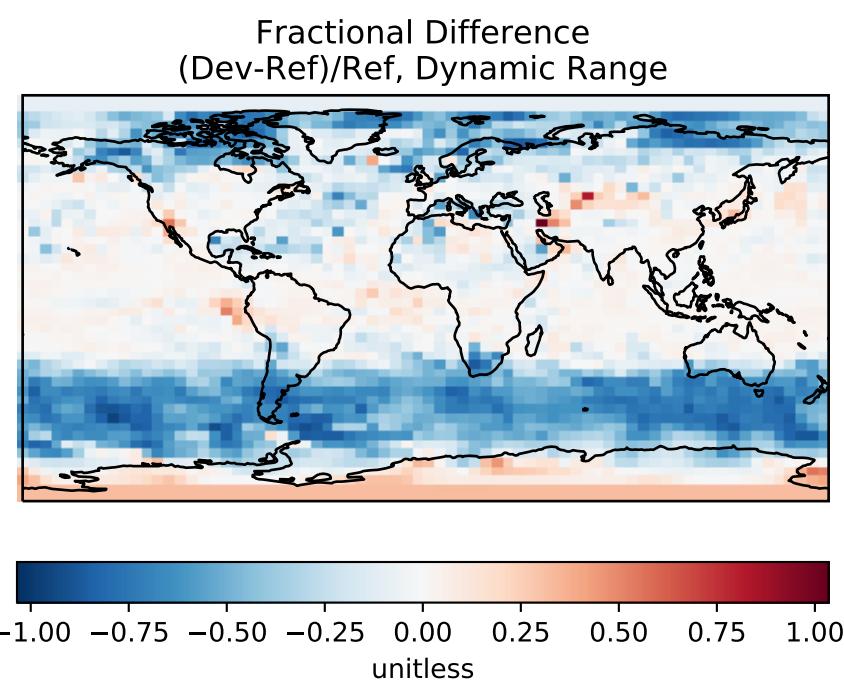
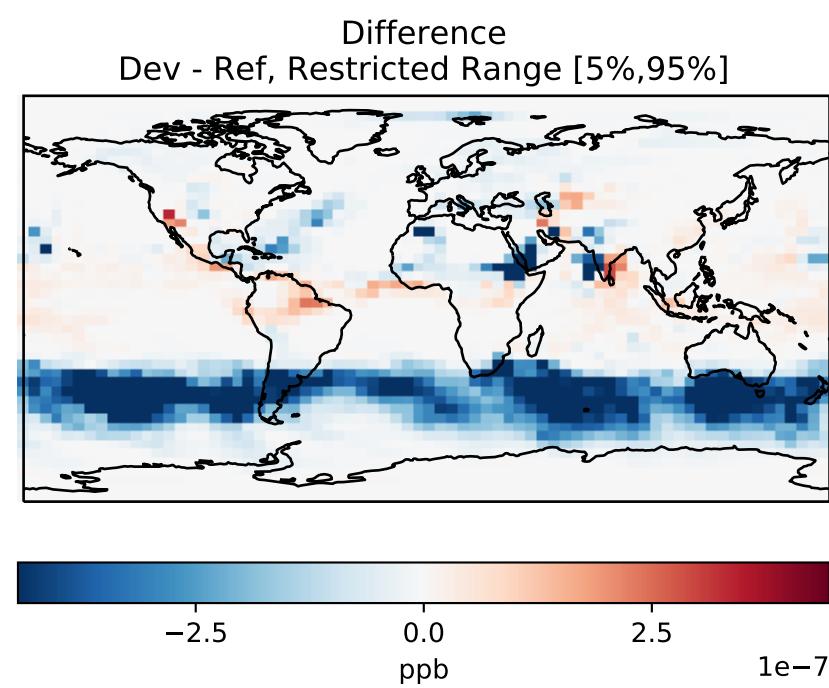
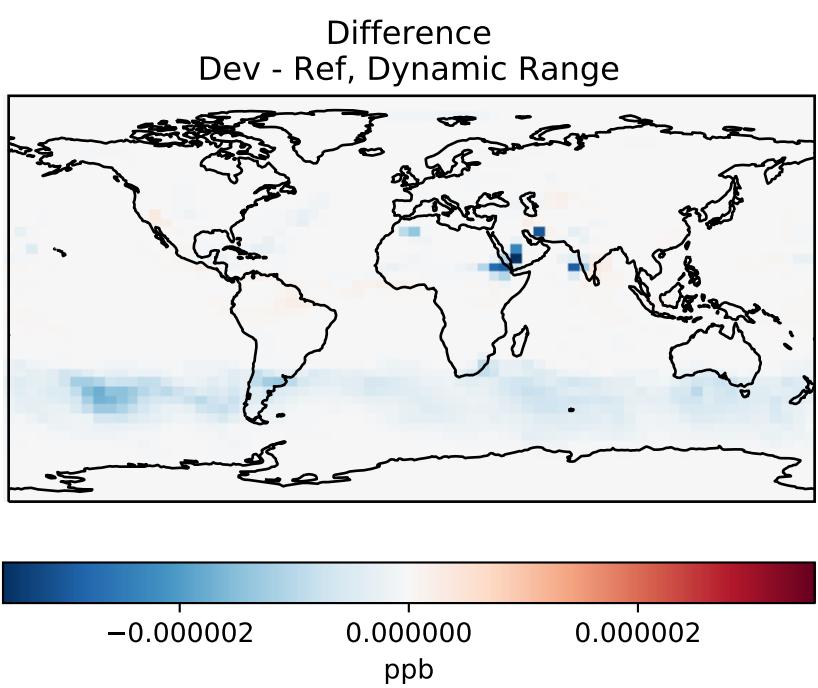
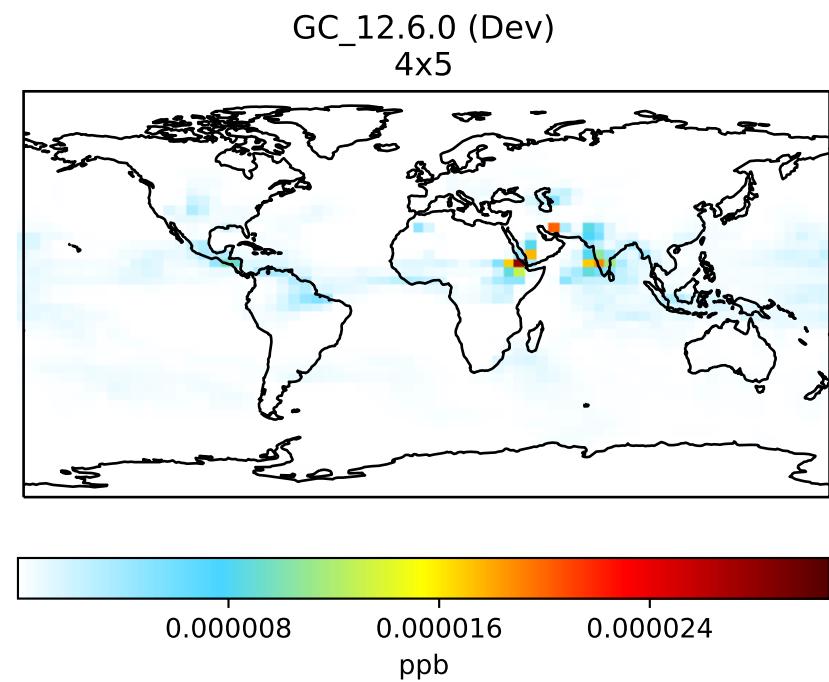
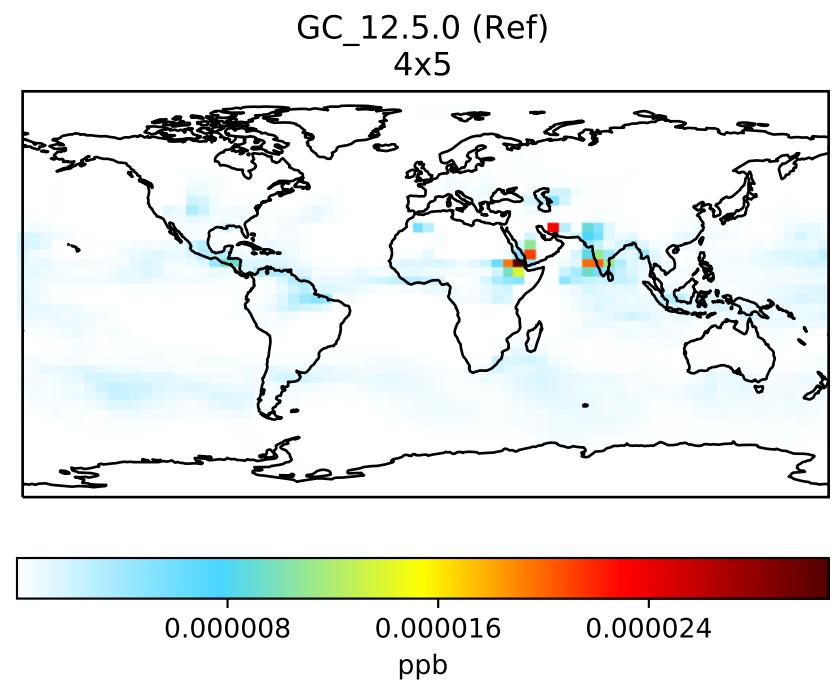


-2.0      -1.5      -1.0      -0.5      0.0      0.5      1.0      1.5      2.0  
unitless

# SpeciesConc\_BrSALA

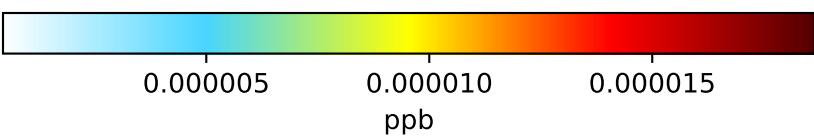
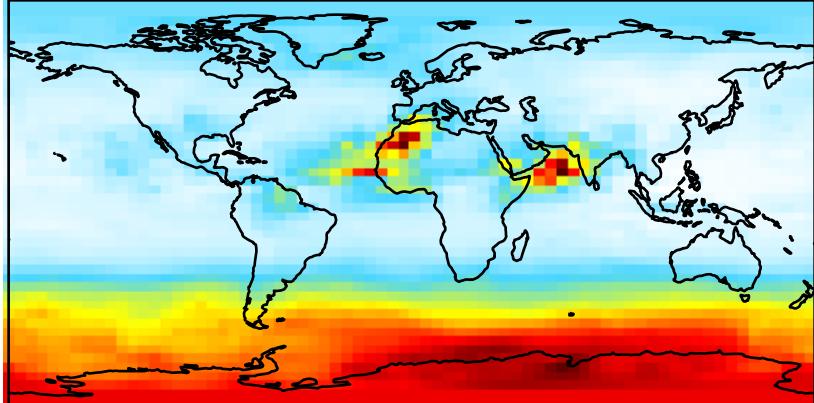


# SpeciesConc\_BrSALC

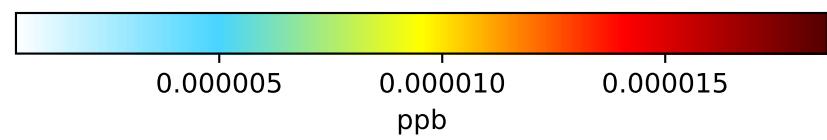
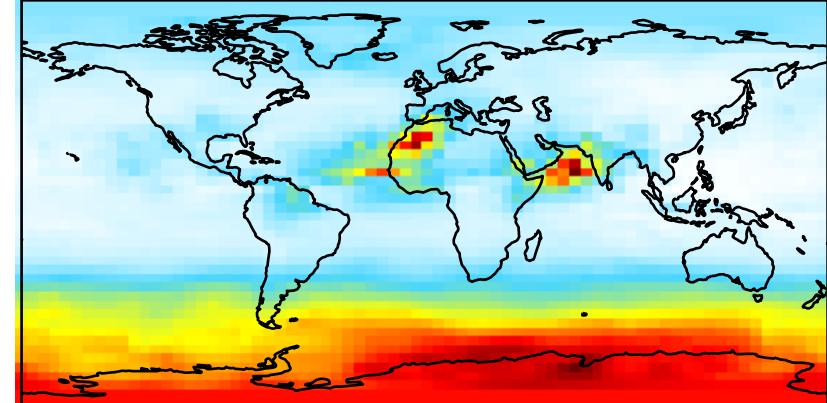


# SpeciesConc\_ISALA

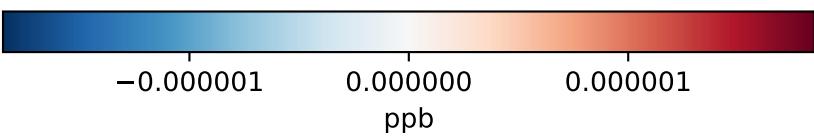
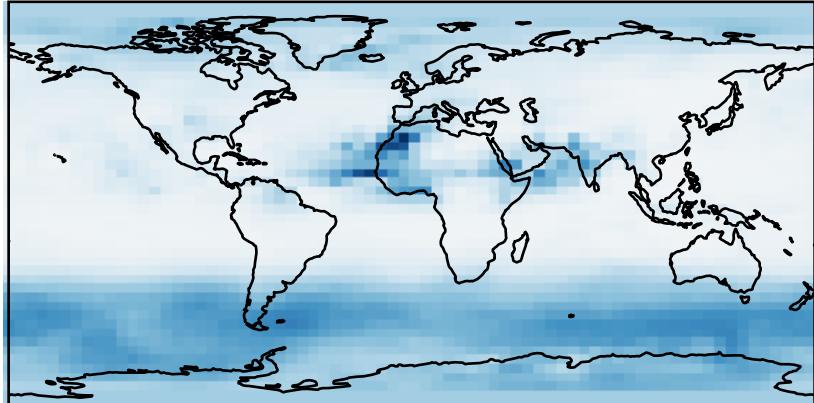
GC\_12.5.0 (Ref)  
4x5



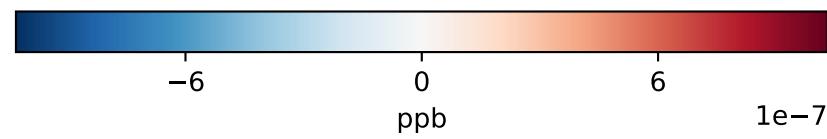
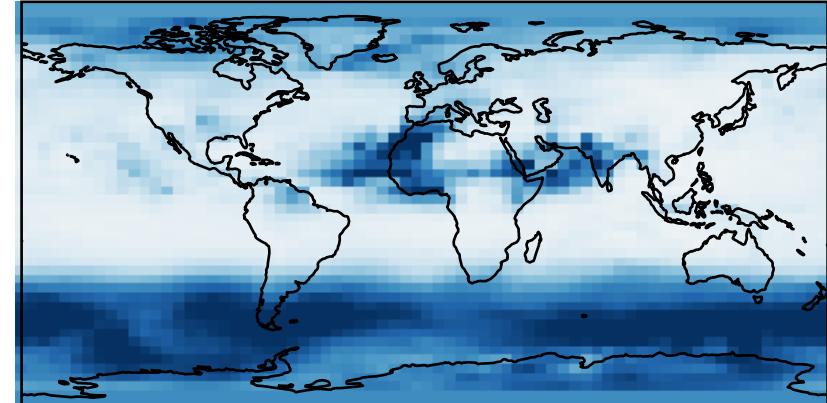
GC\_12.6.0 (Dev)  
4x5



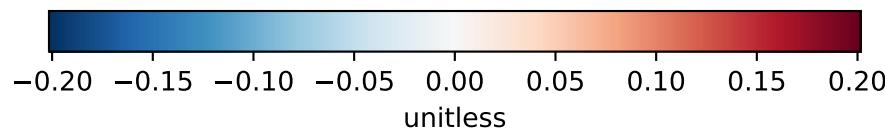
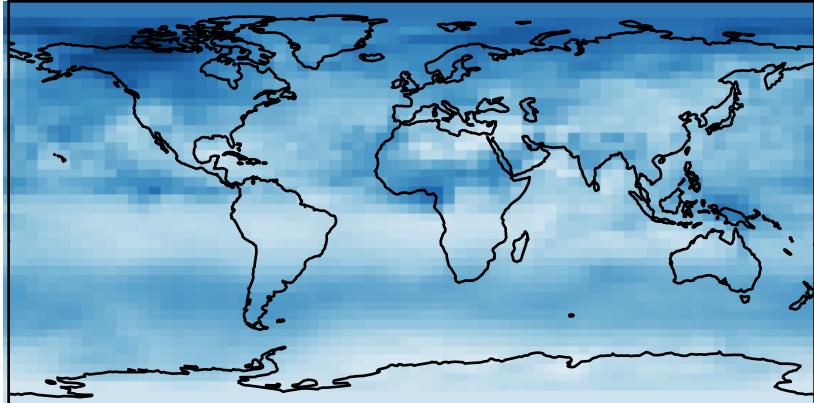
Difference  
Dev - Ref, Dynamic Range



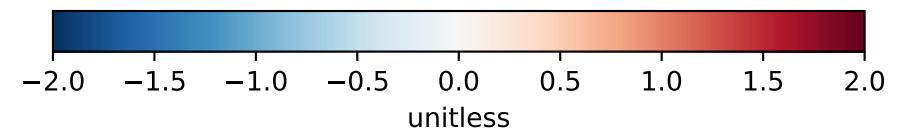
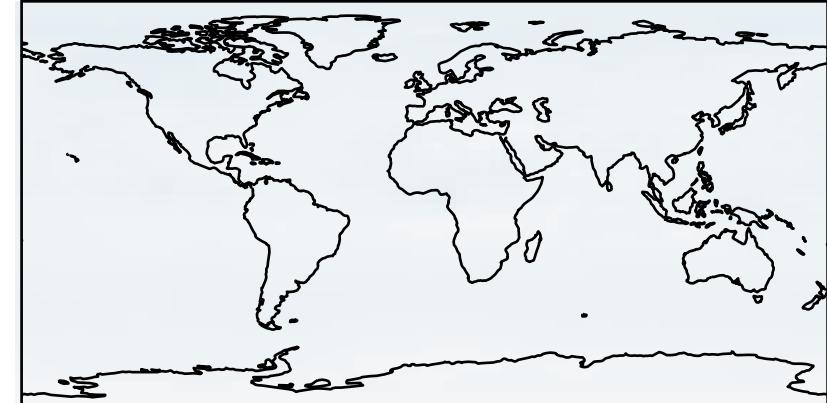
Difference  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range

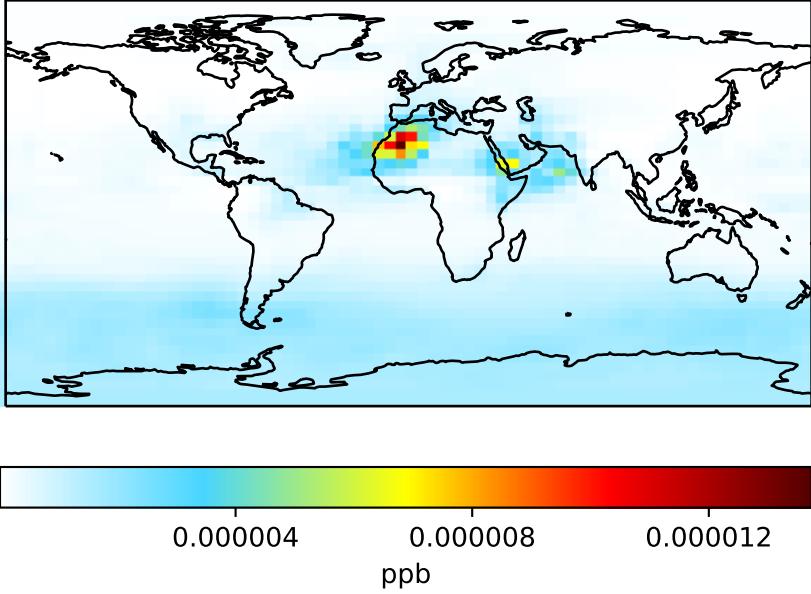


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

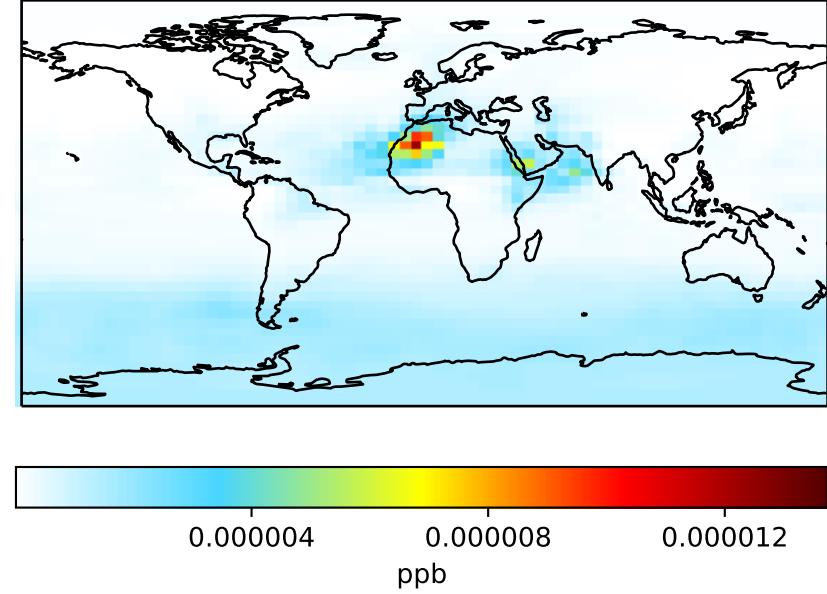


# SpeciesConc\_ISALC

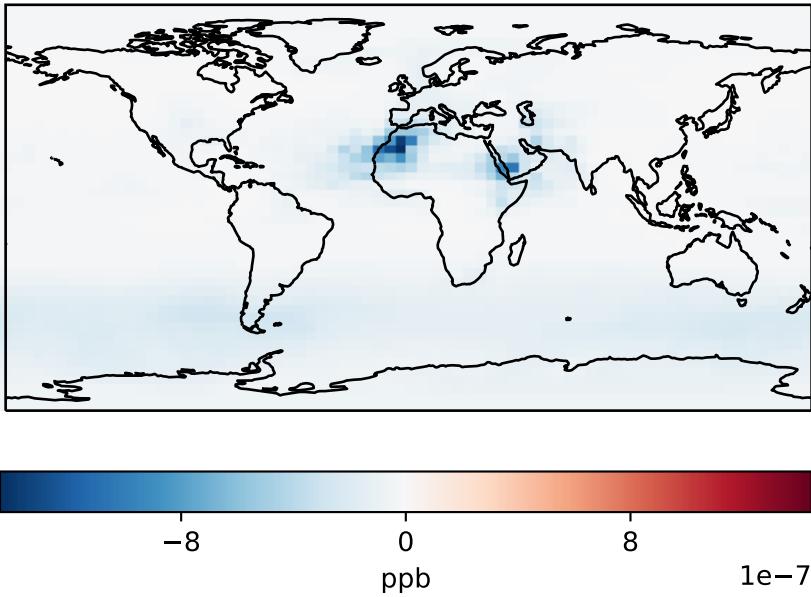
GC\_12.5.0 (Ref)  
4x5



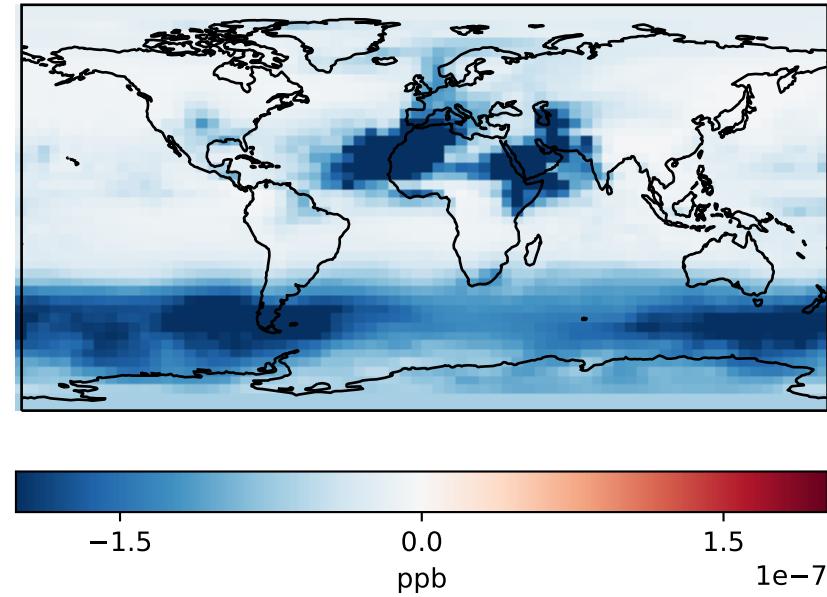
GC\_12.6.0 (Dev)  
4x5



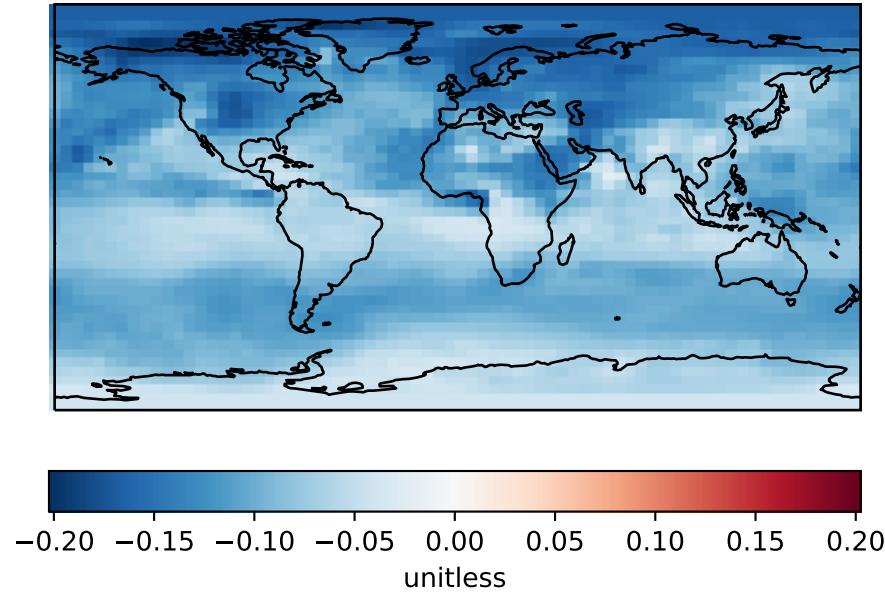
Difference  
Dev - Ref, Dynamic Range



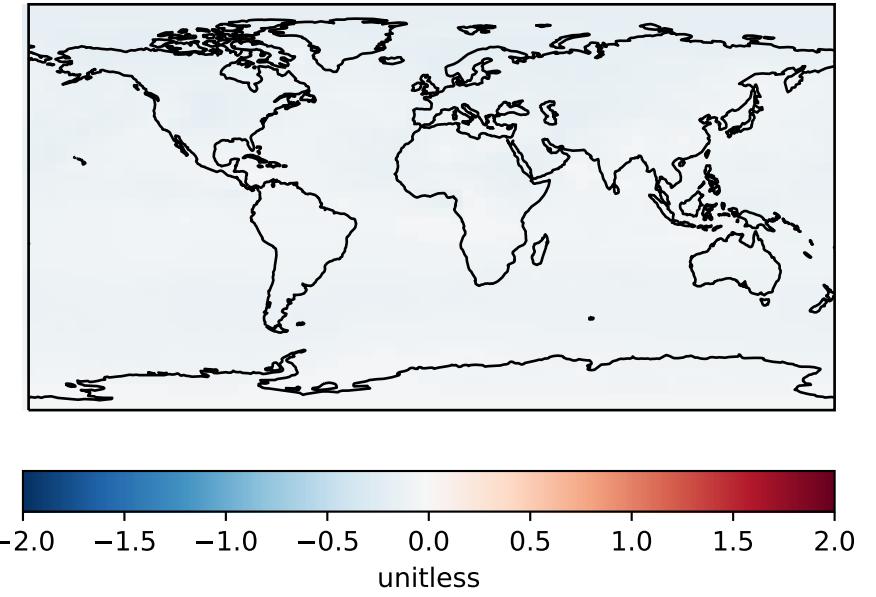
Difference  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range

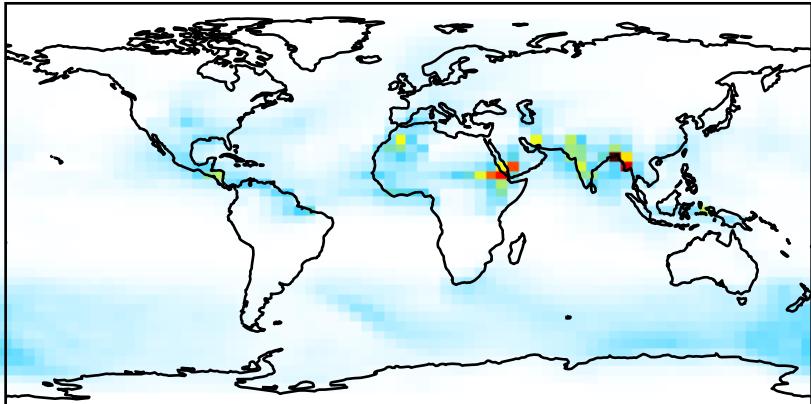


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

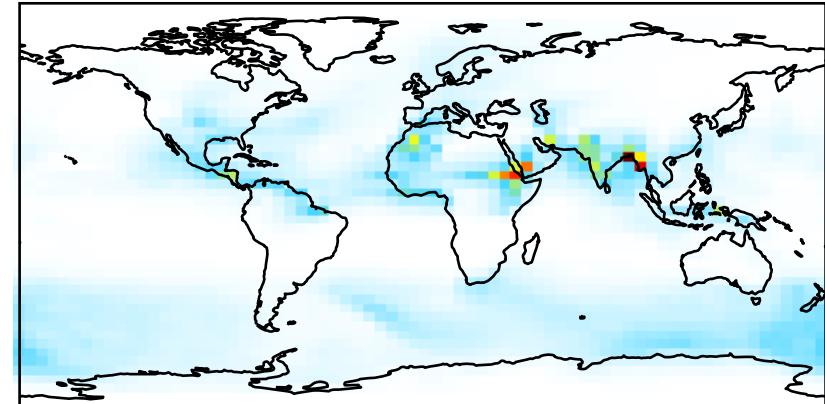


# SpeciesConc\_NITs

GC\_12.5.0 (Ref)  
4x5



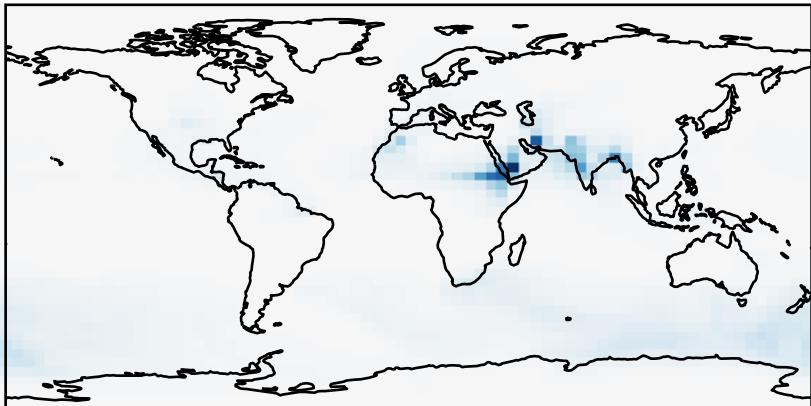
GC\_12.6.0 (Dev)  
4x5



0.000015      0.000030  
ppb

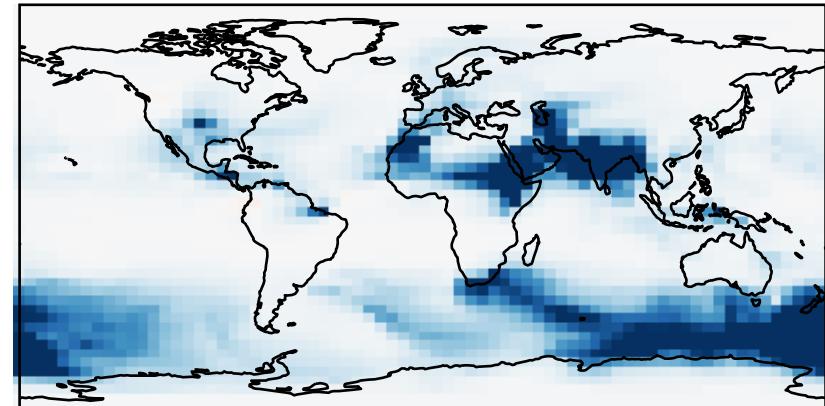
0.000015      0.000030  
ppb

Difference  
Dev - Ref, Dynamic Range



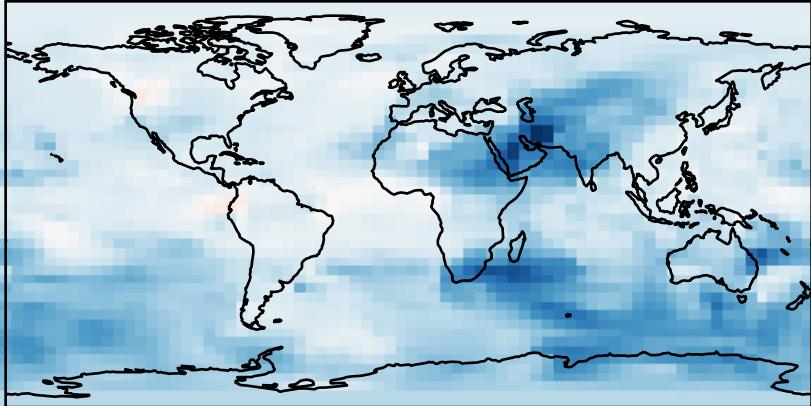
-0.000001    0.000000    0.000001  
ppb

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



-1.5      0.0      1.5      1e-7  
ppb

Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range



-0.06   -0.04   -0.02   0.00   0.02   0.04   0.06  
unitless

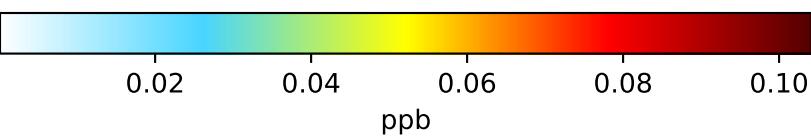
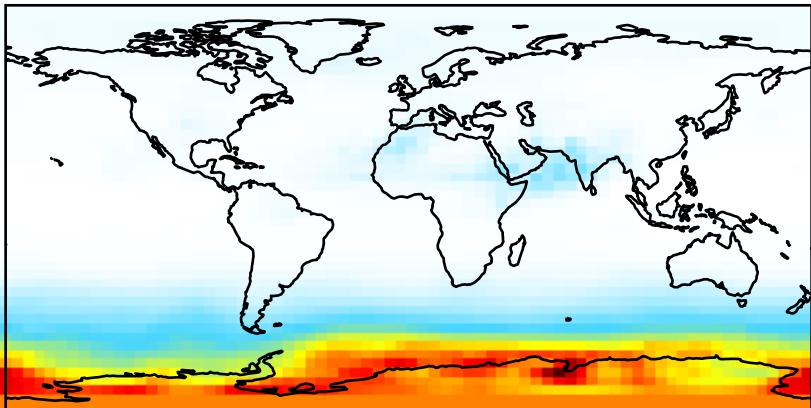
Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



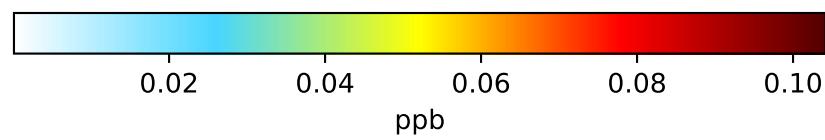
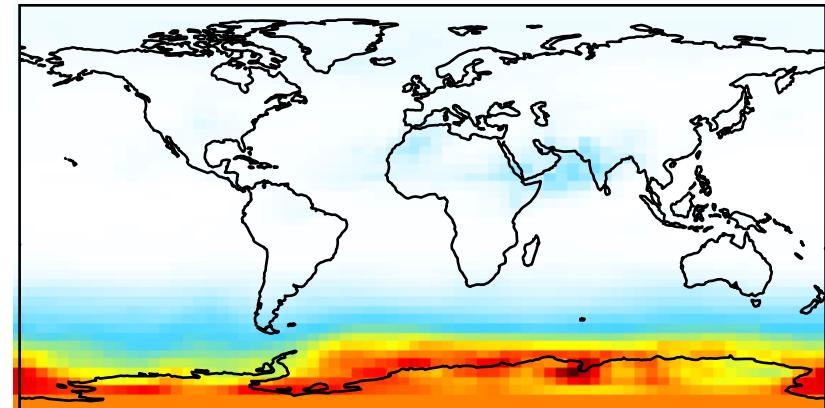
-2.0   -1.5   -1.0   -0.5   0.0   0.5   1.0   1.5   2.0  
unitless

# SpeciesConc\_SALA

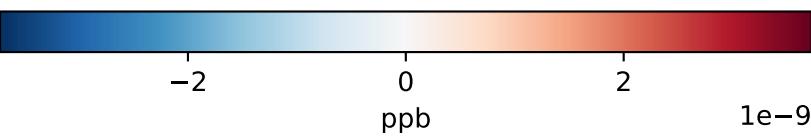
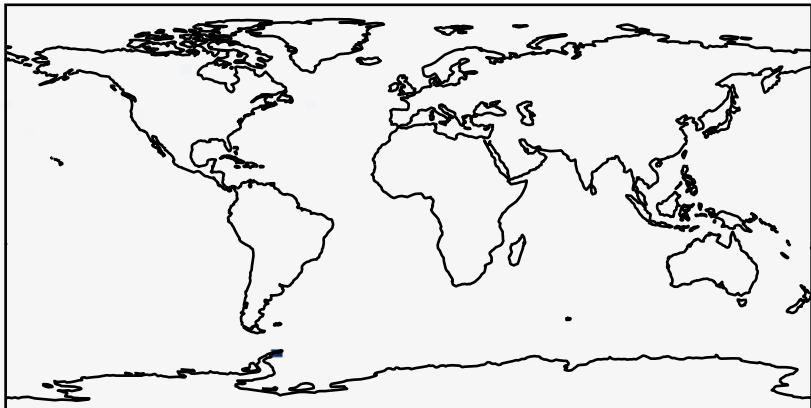
GC\_12.5.0 (Ref)  
4x5



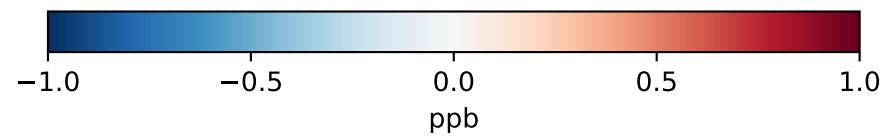
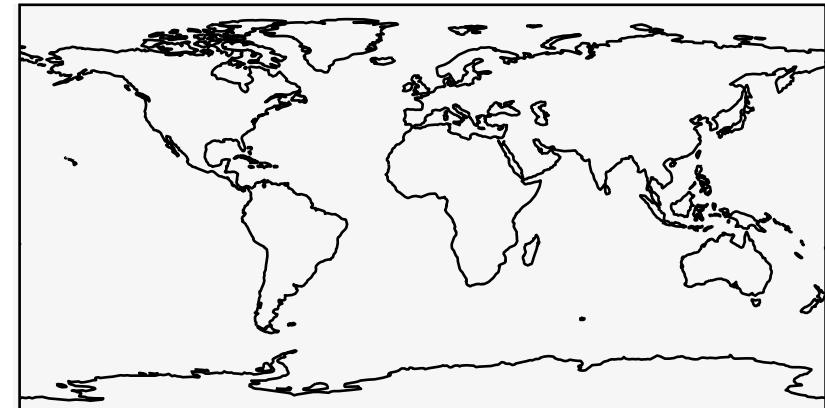
GC\_12.6.0 (Dev)  
4x5



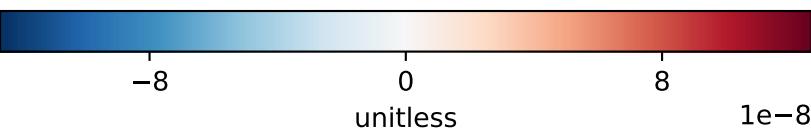
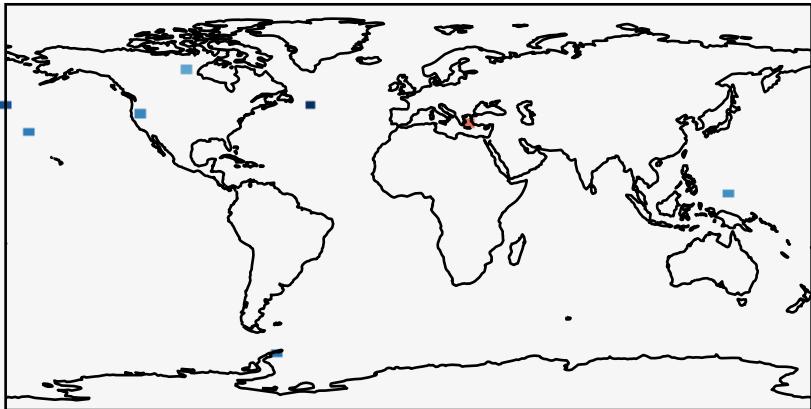
Difference  
Dev - Ref, Dynamic Range



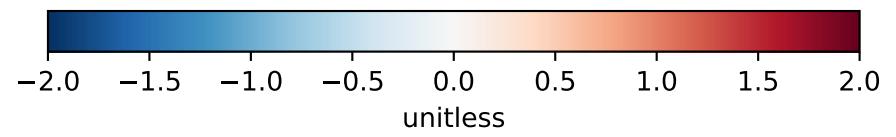
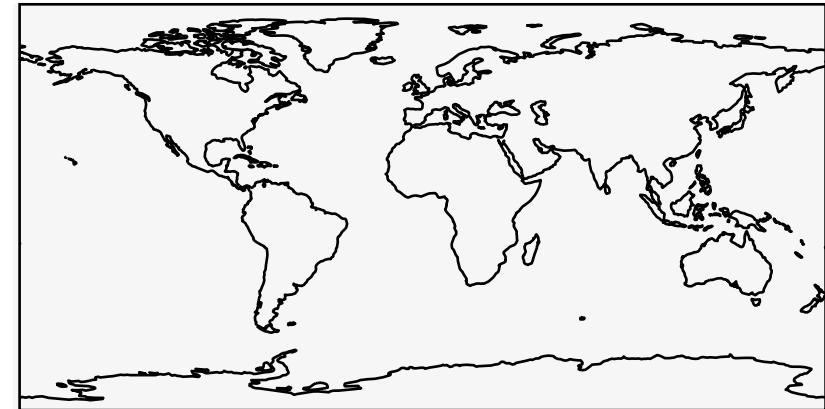
Difference  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range

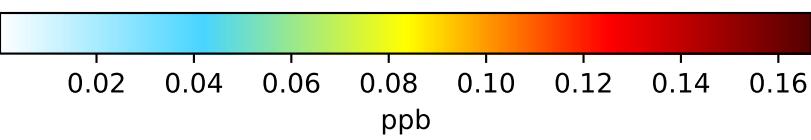
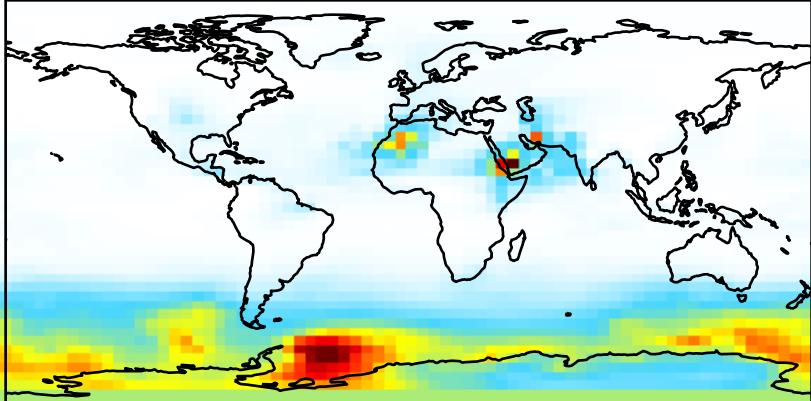


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

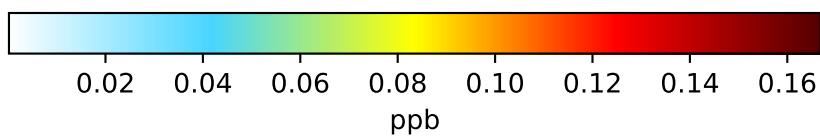
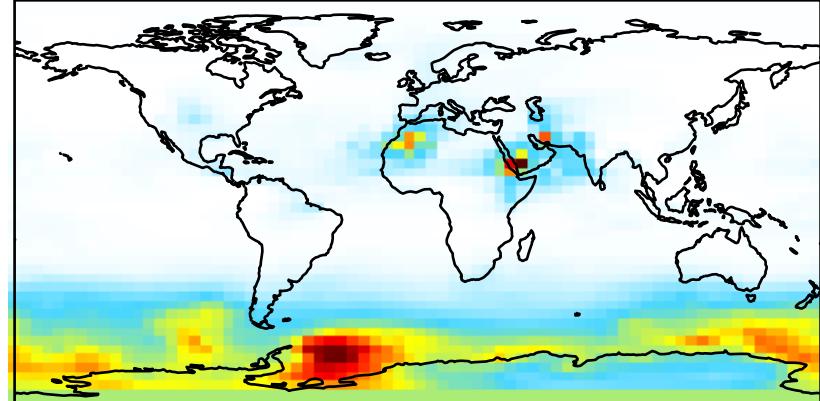


# SpeciesConc\_SALC

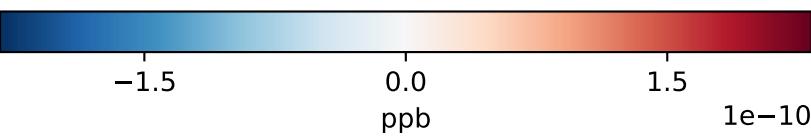
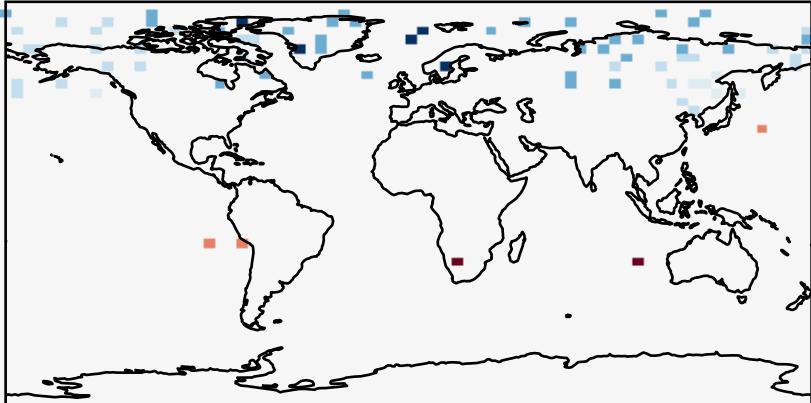
GC\_12.5.0 (Ref)  
4x5



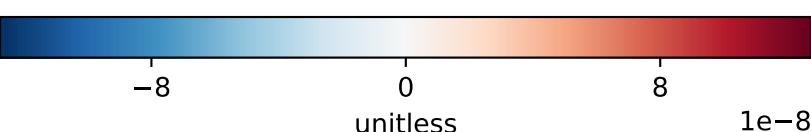
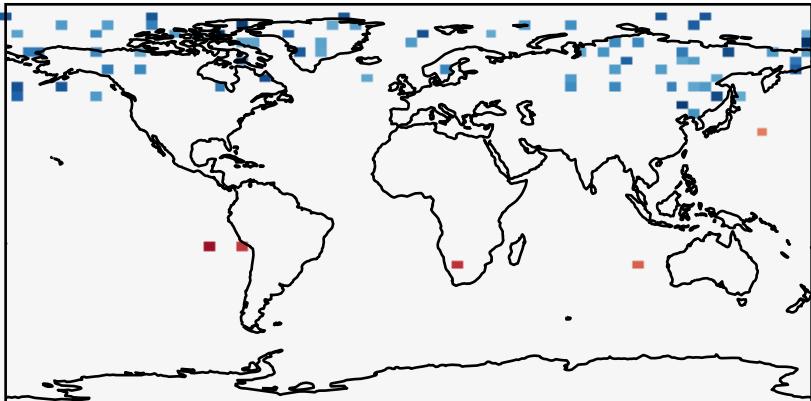
GC\_12.6.0 (Dev)  
4x5



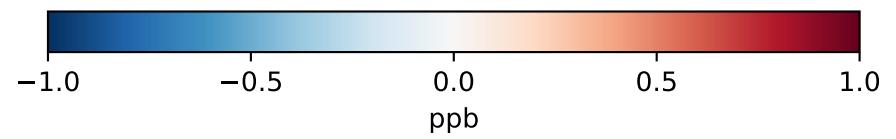
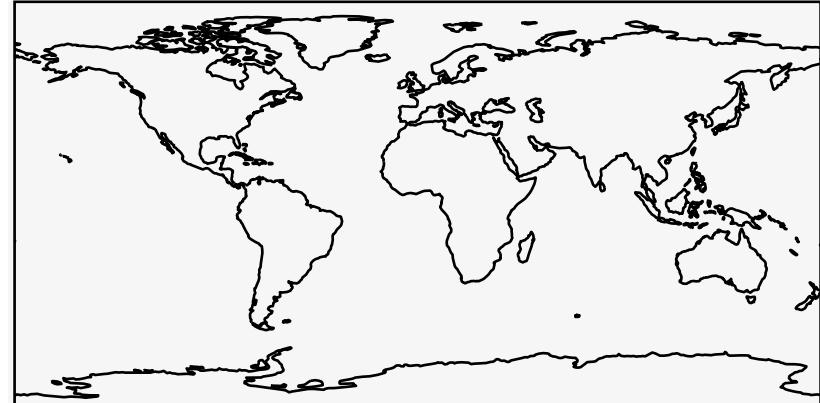
Difference  
Dev - Ref, Dynamic Range



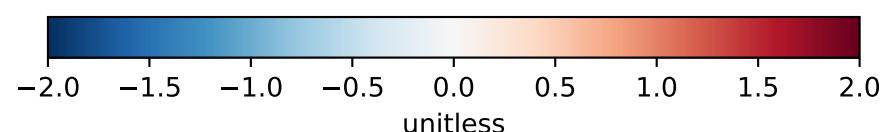
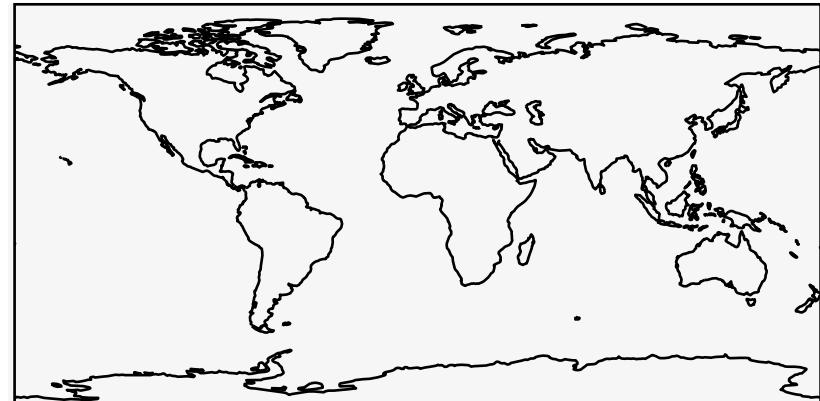
Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range



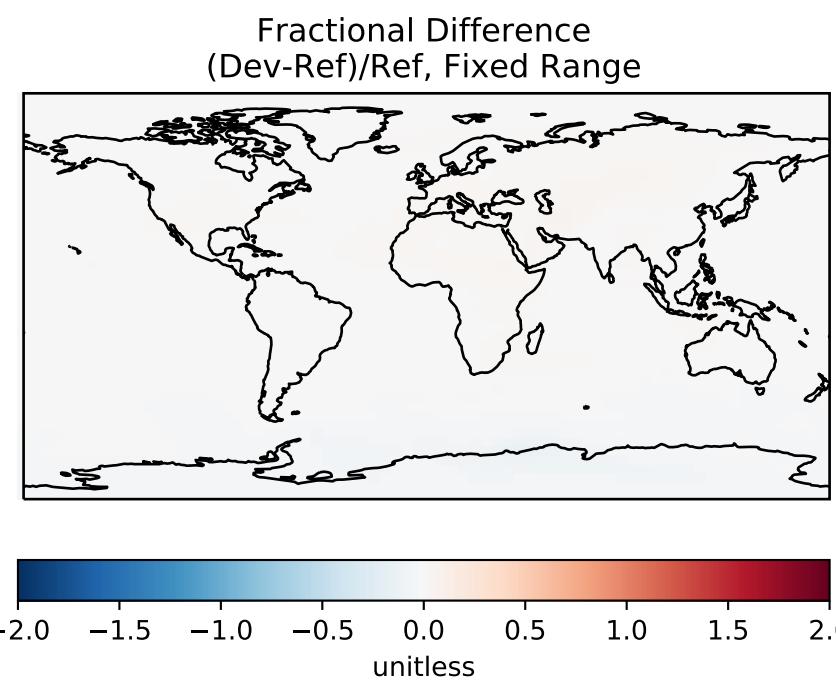
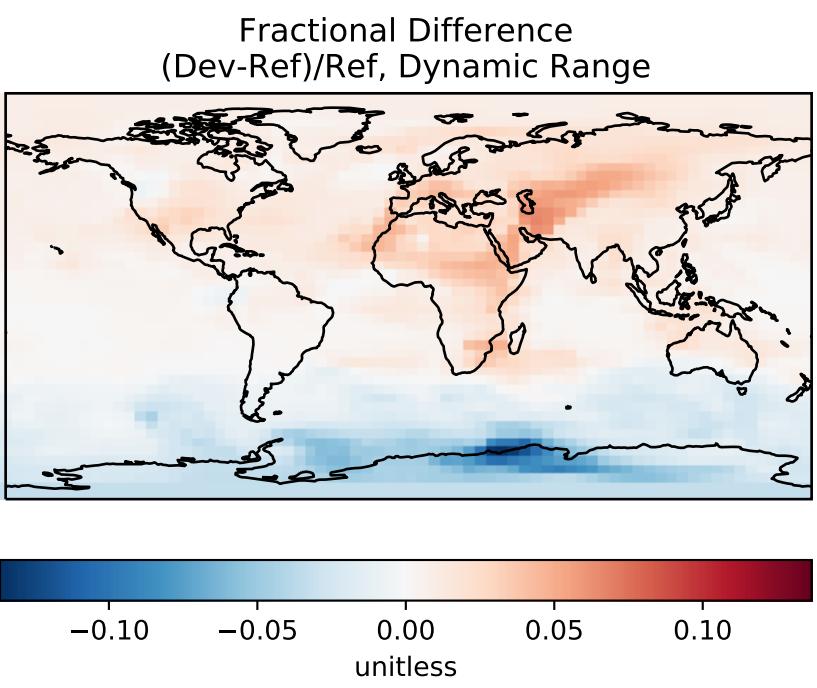
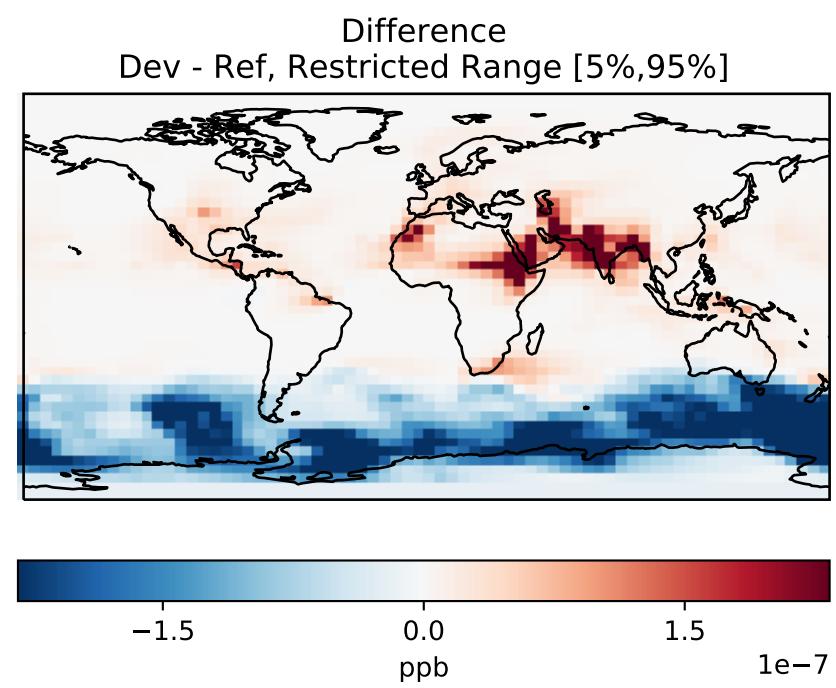
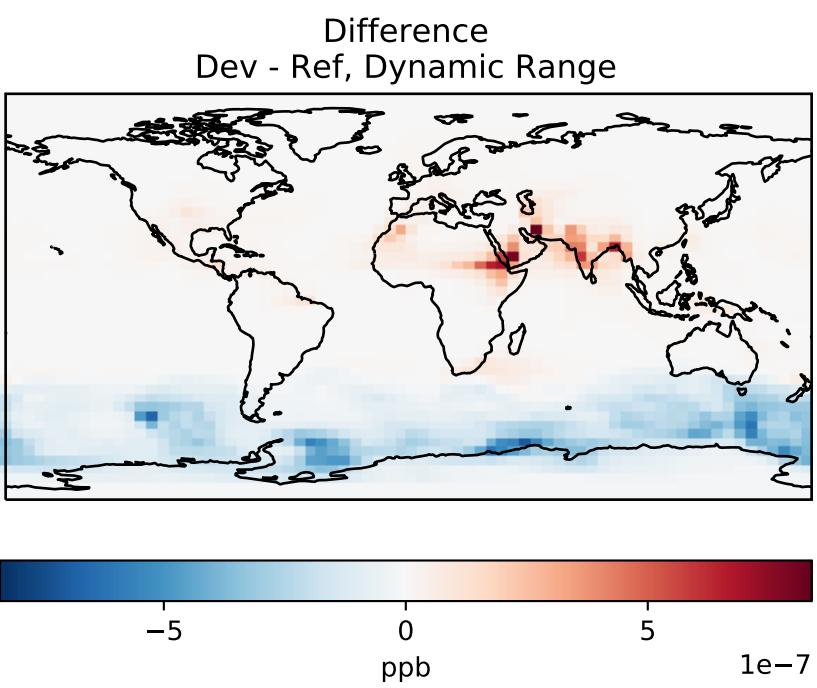
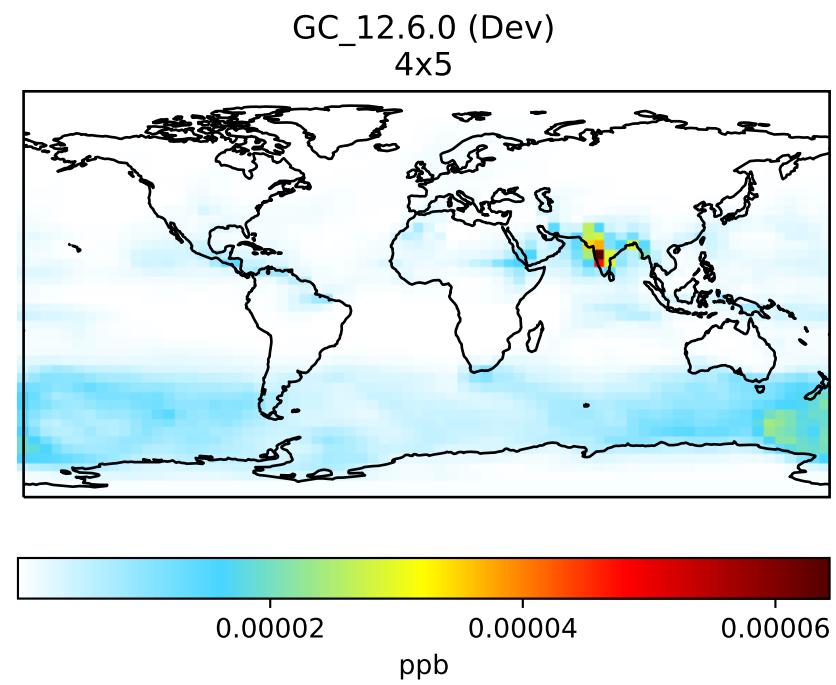
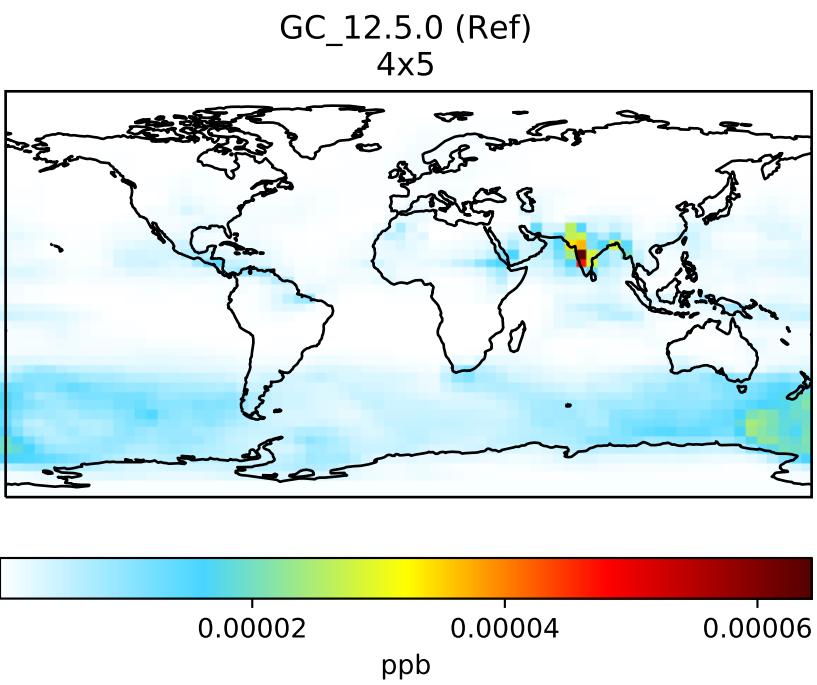
Difference  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

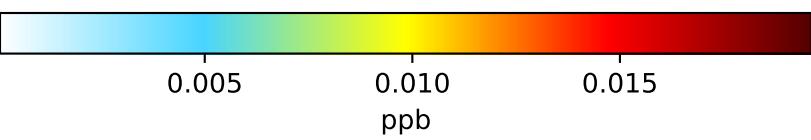
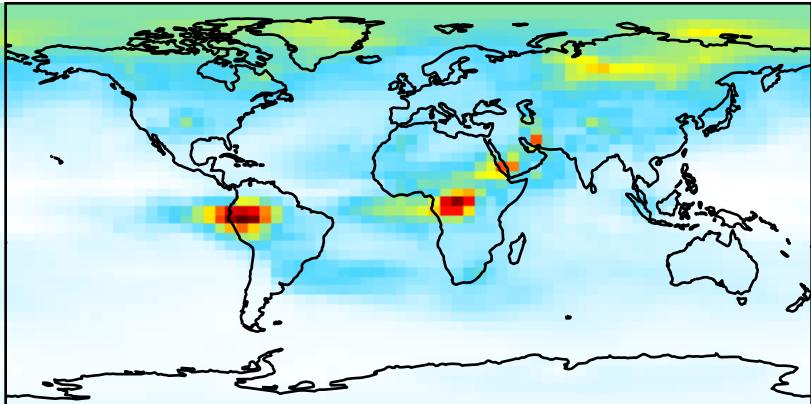


# SpeciesConc\_SO4s

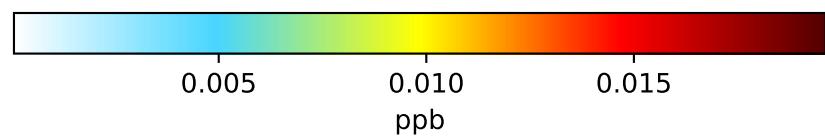
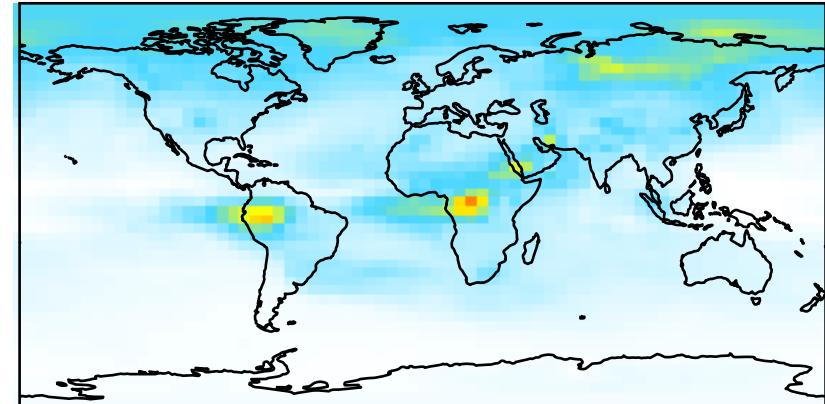


# SpeciesConc\_Complex\_SOA

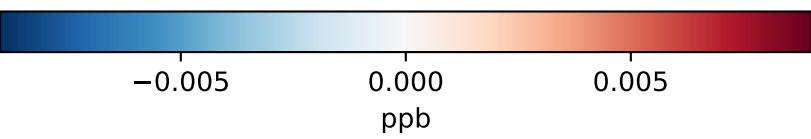
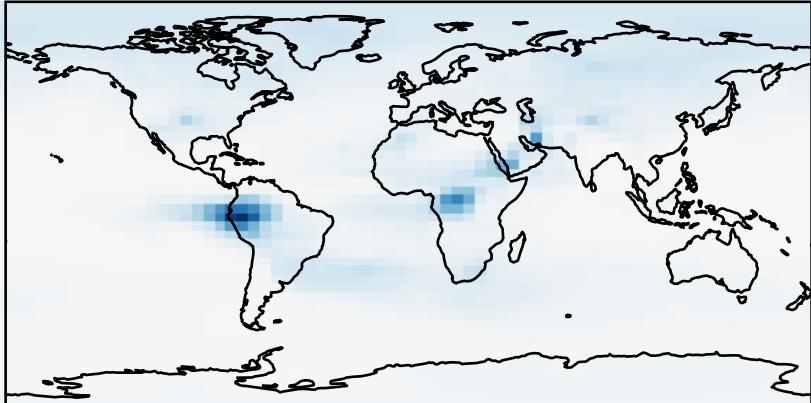
GC\_12.5.0 (Ref)  
4x5



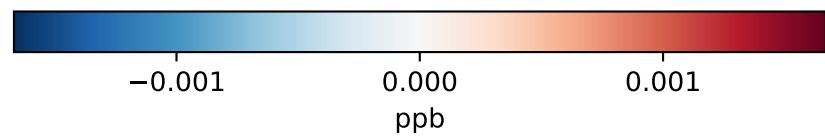
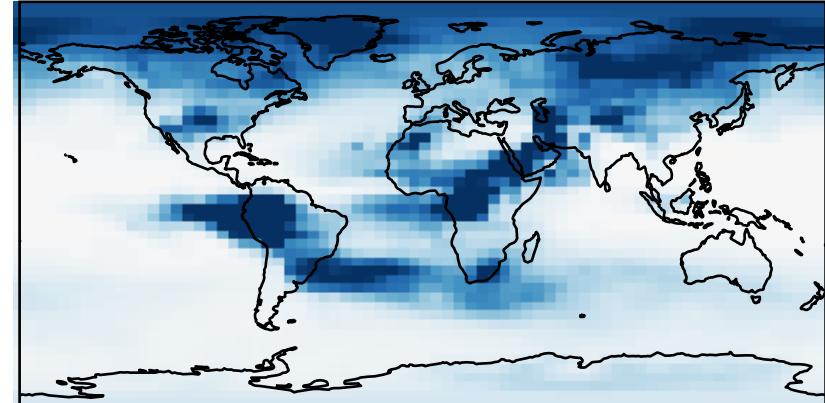
GC\_12.6.0 (Dev)  
4x5



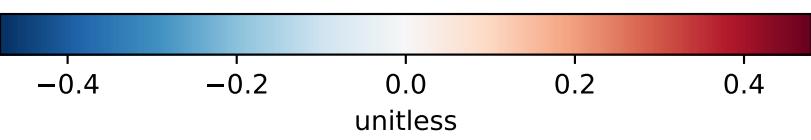
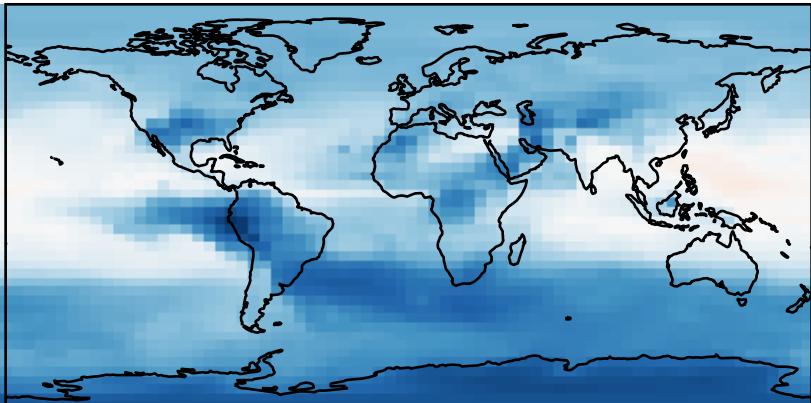
Difference  
Dev - Ref, Dynamic Range



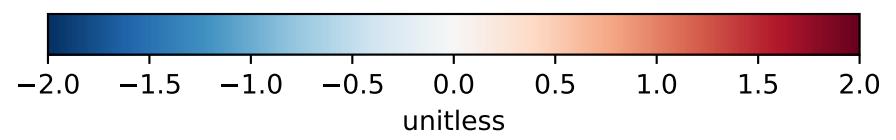
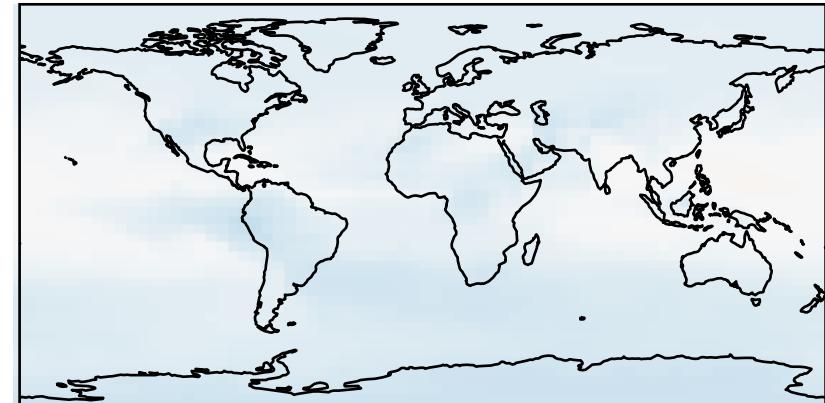
Difference  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range

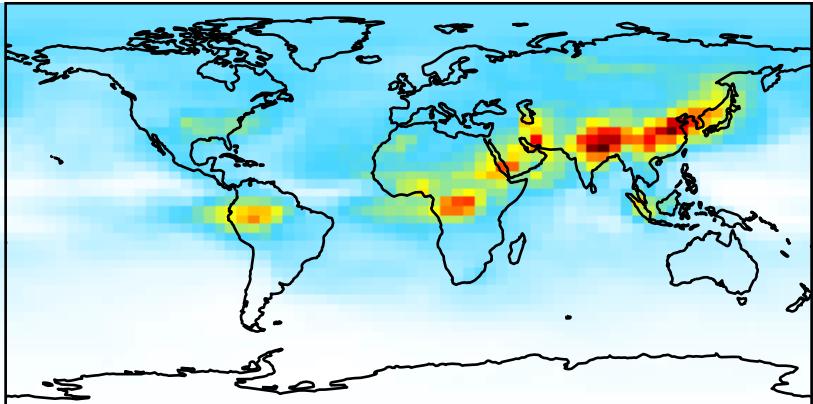


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

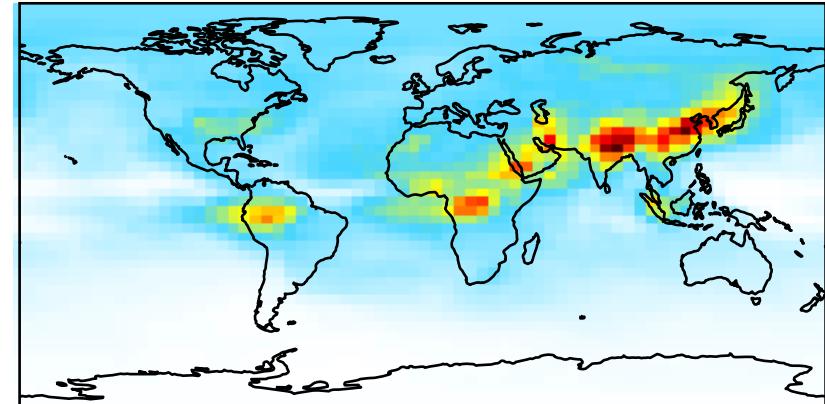


# SpeciesConc\_Simple\_SOA

GC\_12.5.0 (Ref)  
4x5



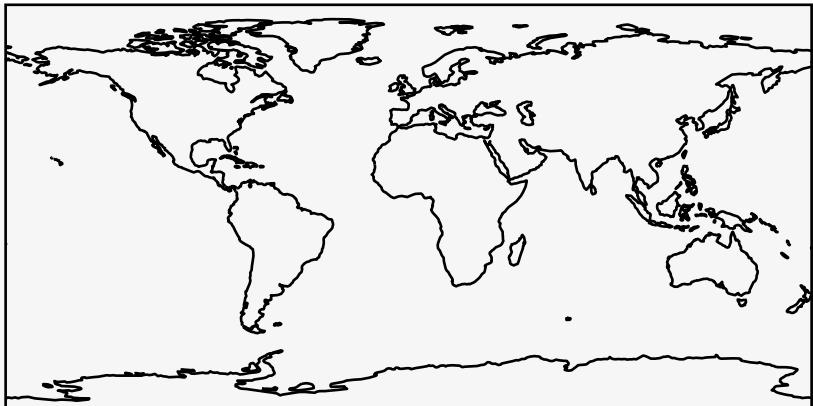
GC\_12.6.0 (Dev)  
4x5



0.025      0.050      0.075  
ppb

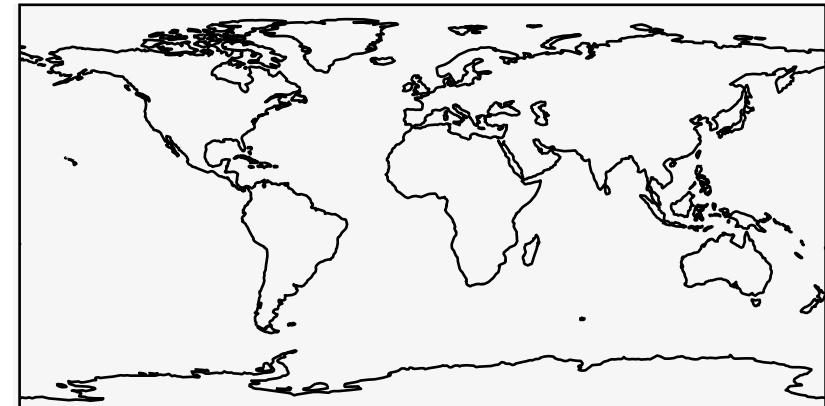
0.025      0.050      0.075  
ppb

Difference  
Dev - Ref, Dynamic Range



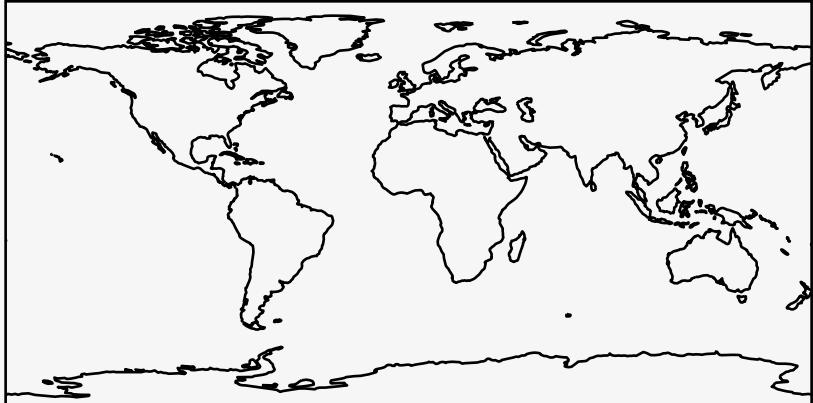
Zero throughout domain  
ppb

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



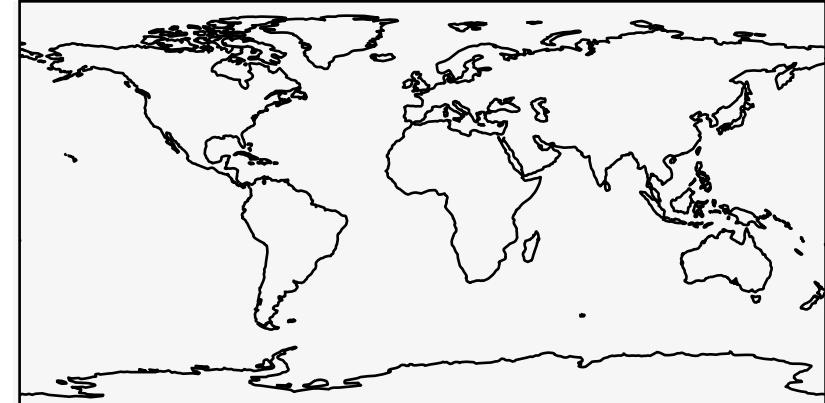
Zero throughout domain  
ppb

Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range



Zero throughout domain  
unitless

Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



Zero throughout domain  
unitless