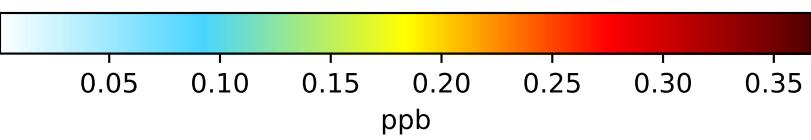
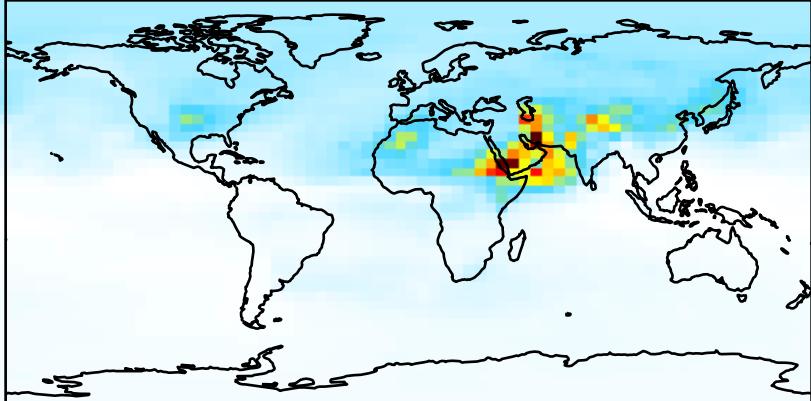
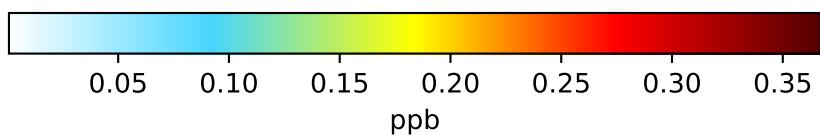
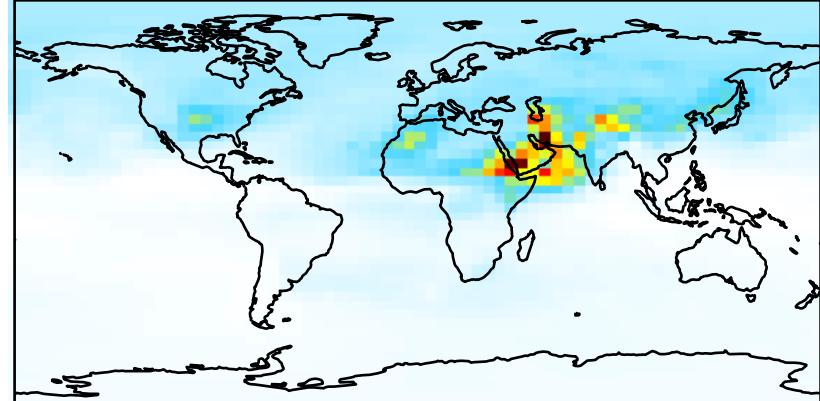


SpeciesConc_NH4

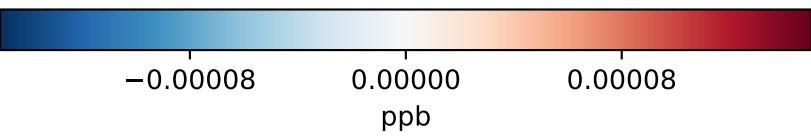
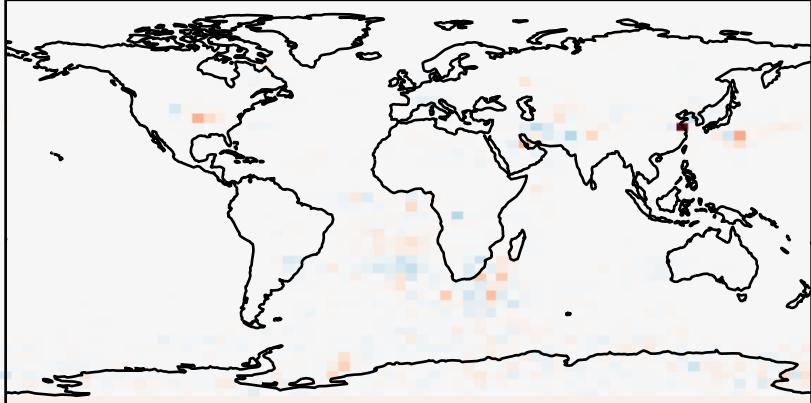
GC_12.7.0-rc.1 (Ref)
4x5



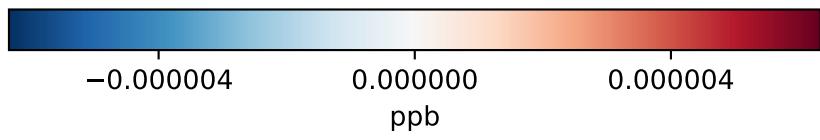
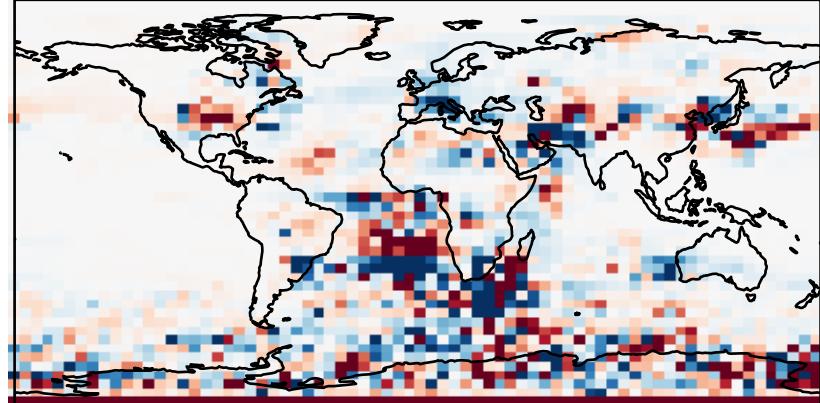
GC_12.7.0-rc.2 (Dev)
4x5



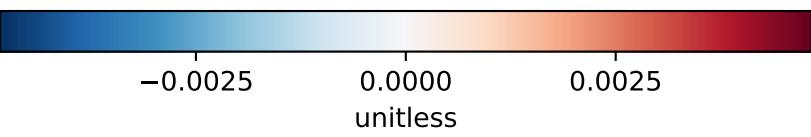
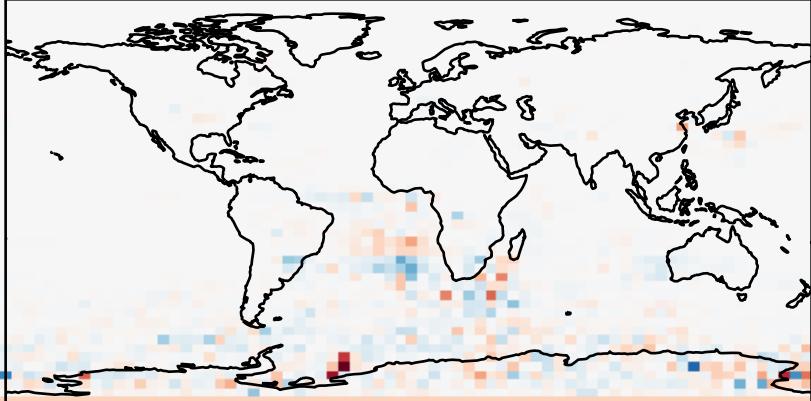
Difference
Dev - Ref, Dynamic Range



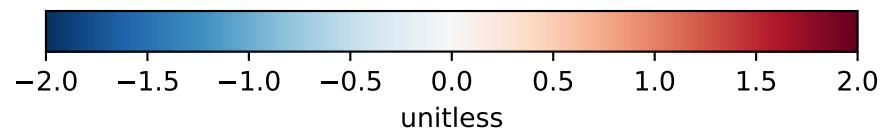
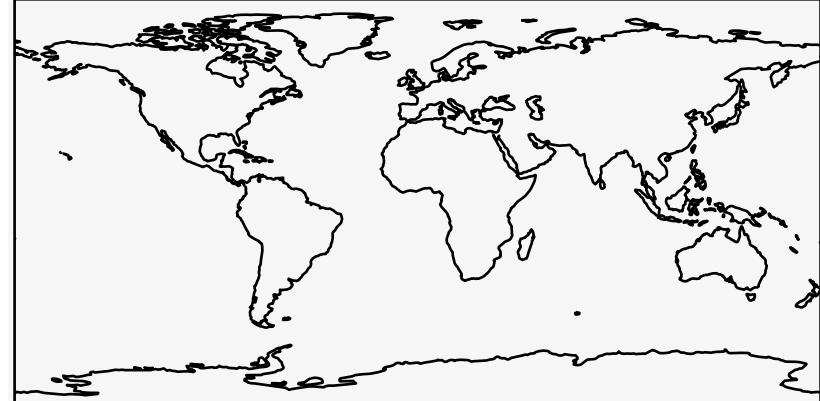
Difference
Dev - Ref, Restricted Range [5%,95%]



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

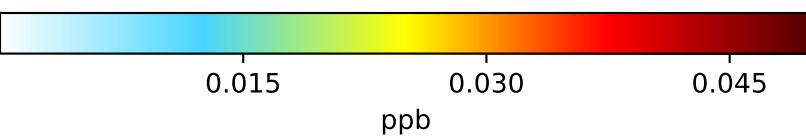
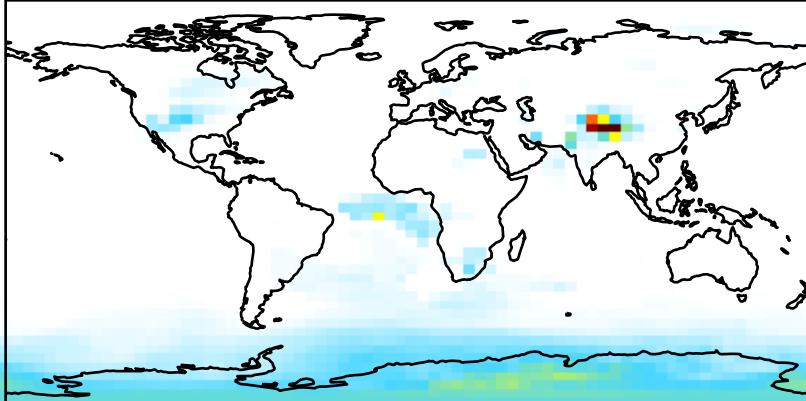


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

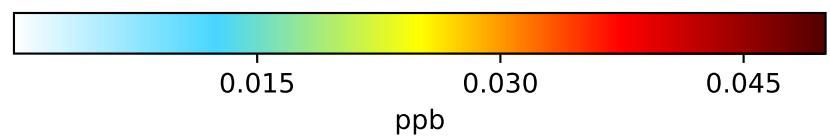
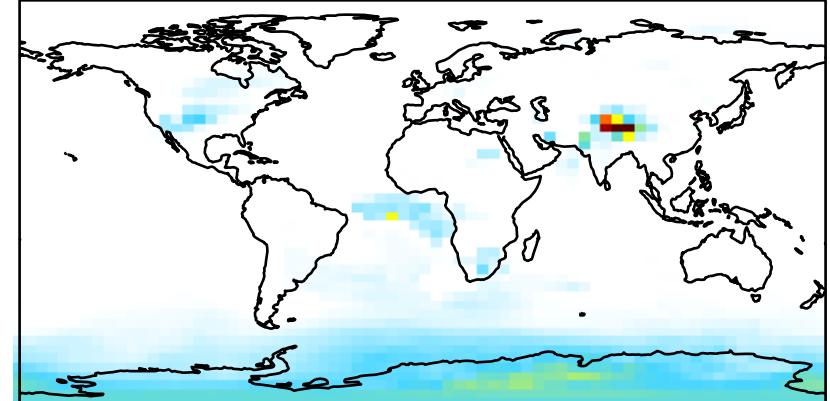


SpeciesConc_NIT

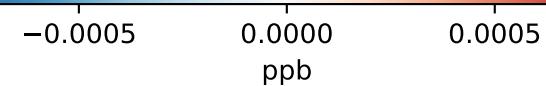
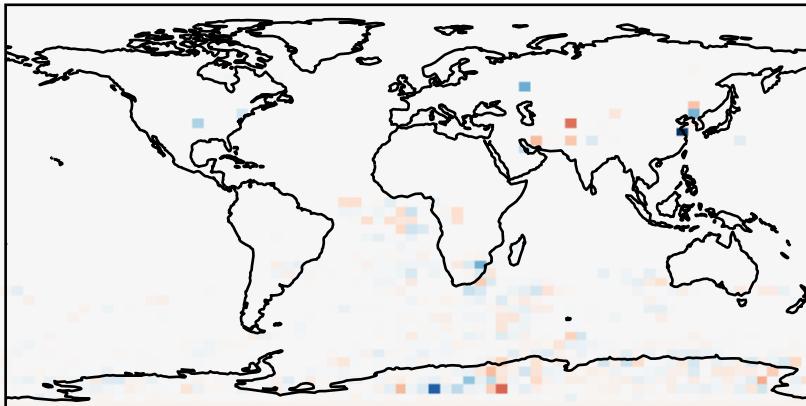
GC_12.7.0-rc.1 (Ref)
4x5



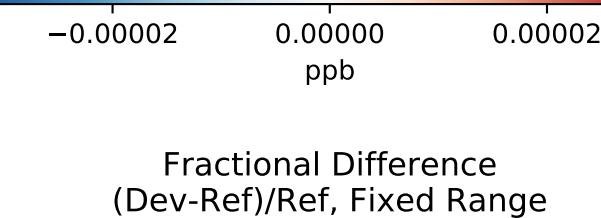
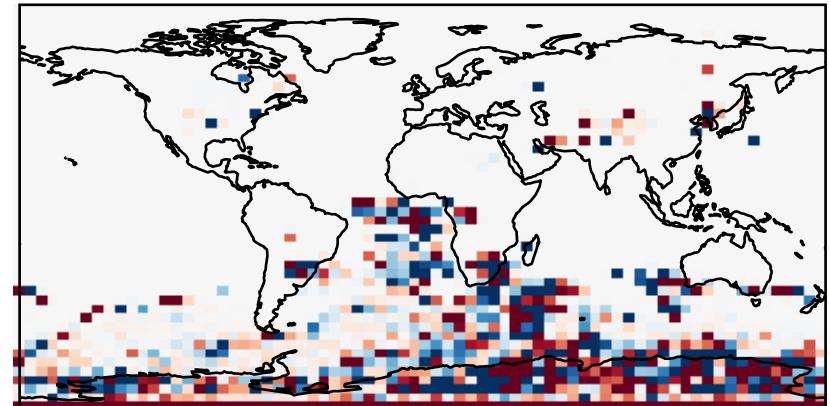
GC_12.7.0-rc.2 (Dev)
4x5



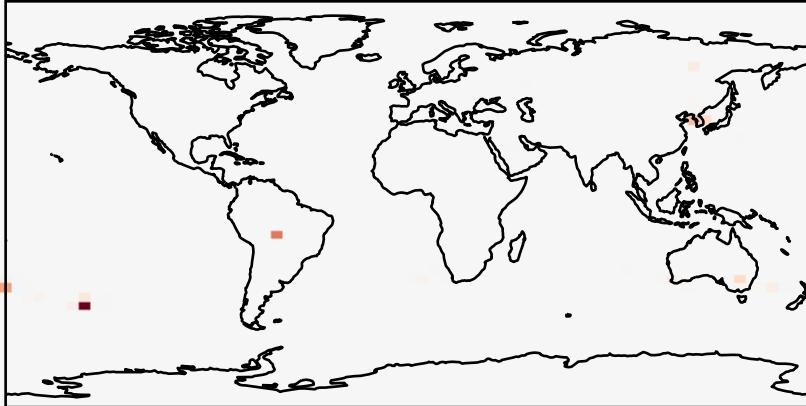
Difference
Dev - Ref, Dynamic Range



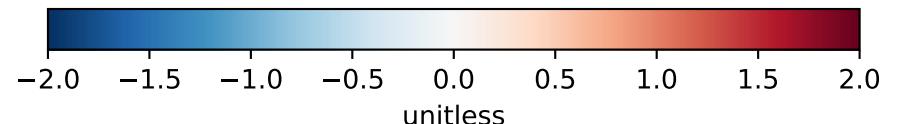
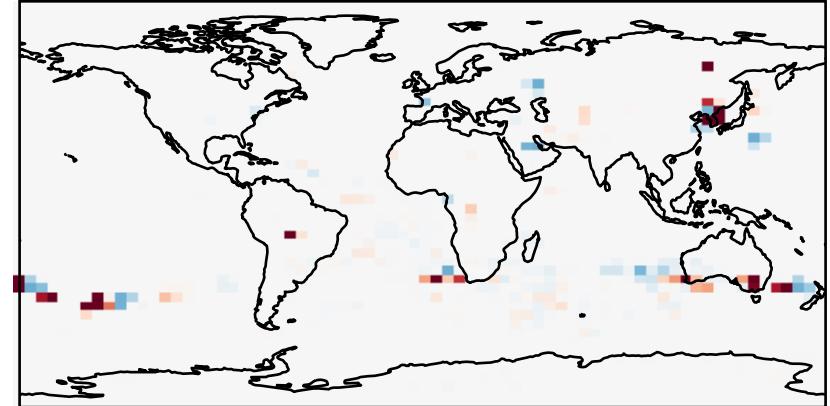
Difference
Dev - Ref, Restricted Range [5%,95%]



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

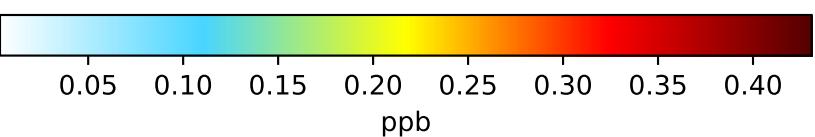
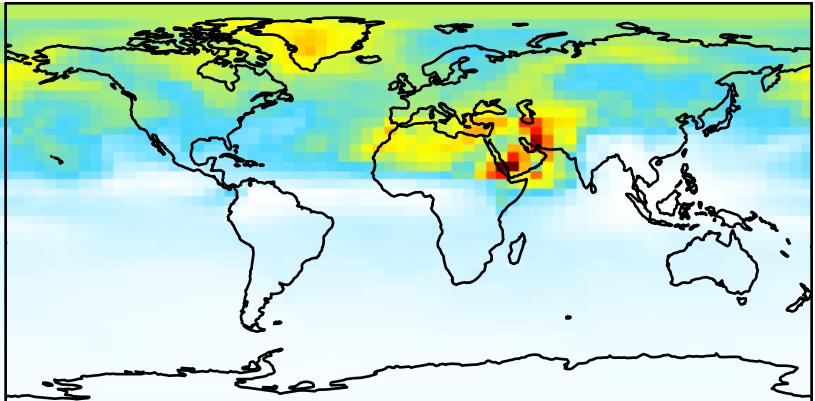


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

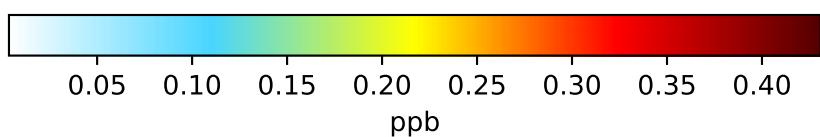
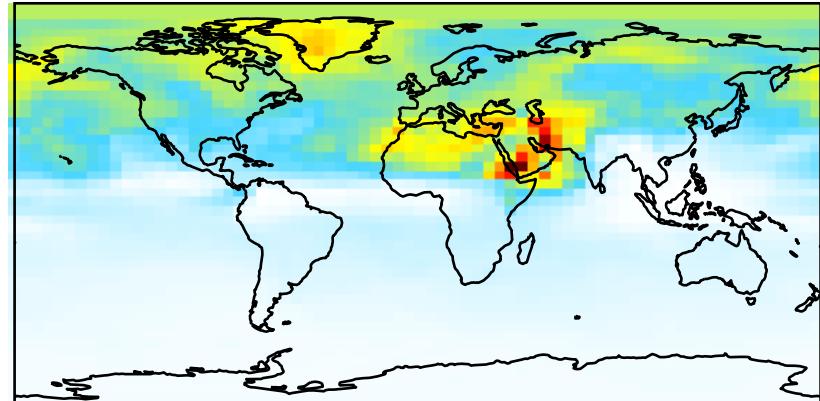


SpeciesConc_SO4

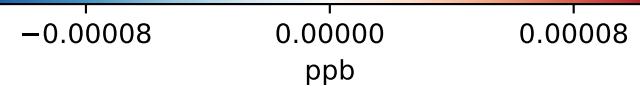
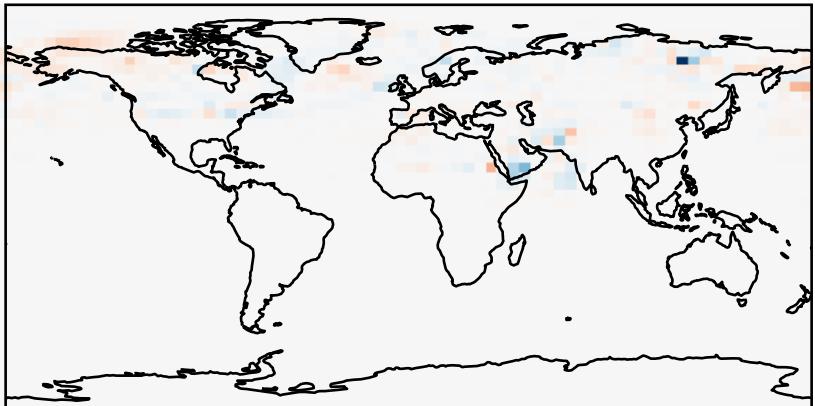
GC_12.7.0-rc.1 (Ref)
4x5



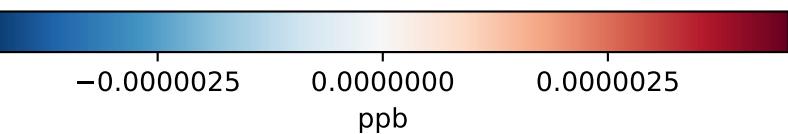
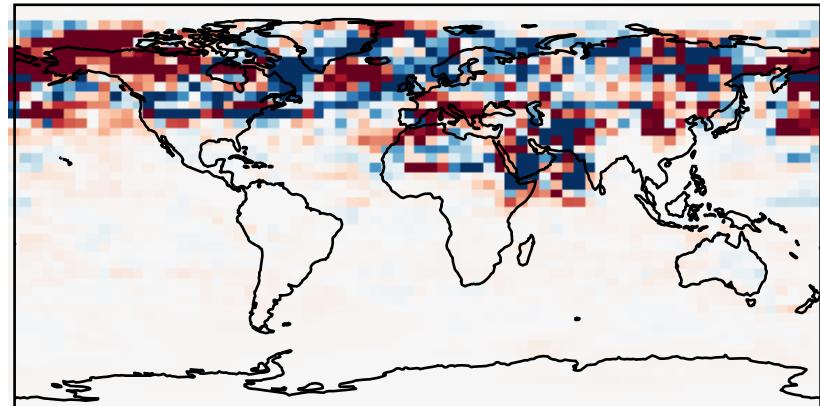
GC_12.7.0-rc.2 (Dev)
4x5



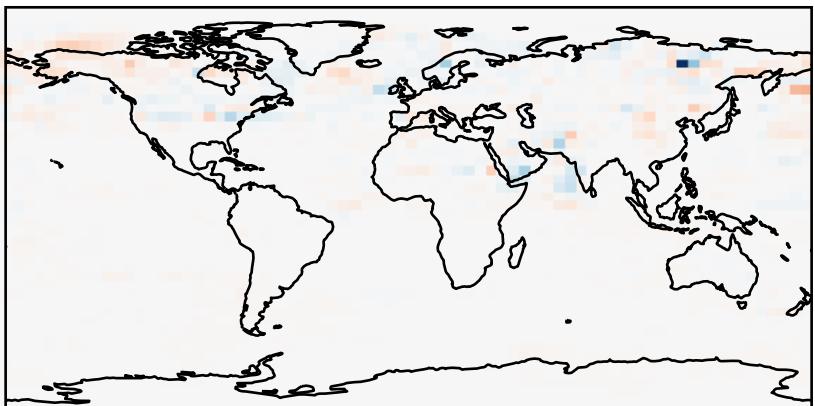
Difference
Dev - Ref, Dynamic Range



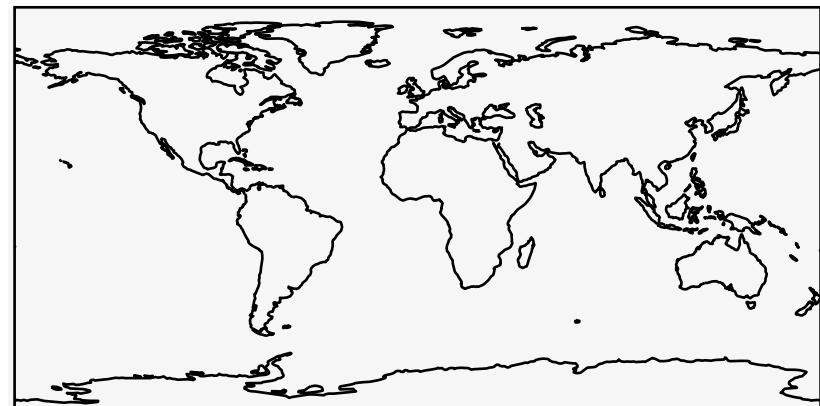
Difference
Dev - Ref, Restricted Range [5%,95%]



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

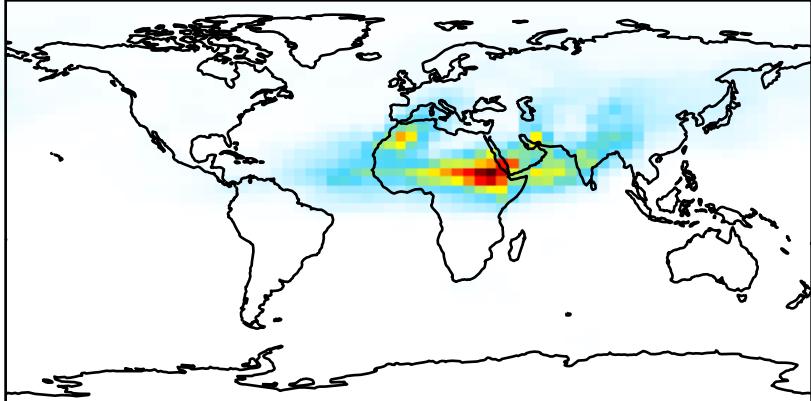


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

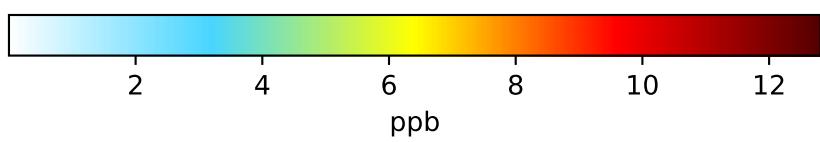
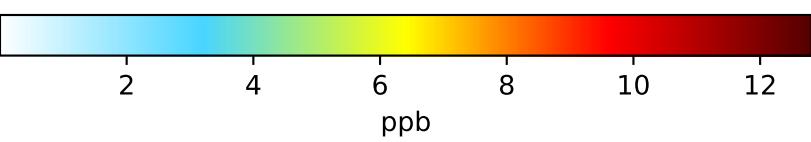
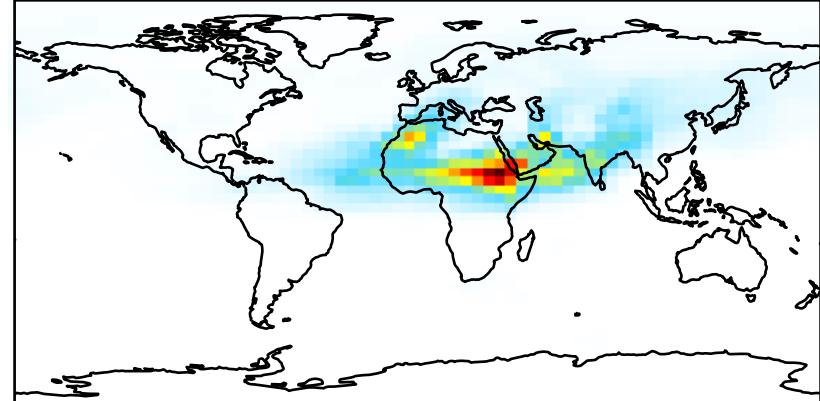


SpeciesConc_DST1

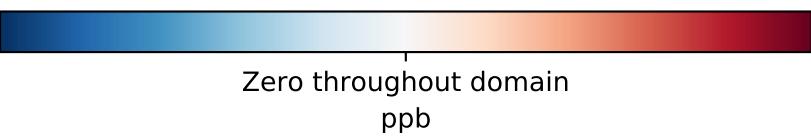
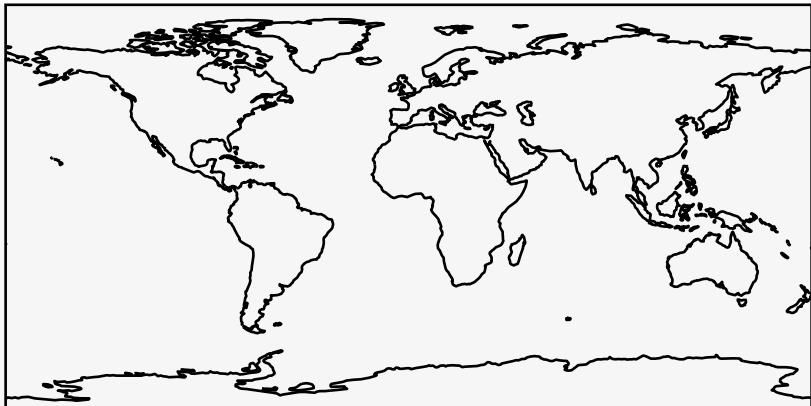
GC_12.7.0-rc.1 (Ref)
4x5



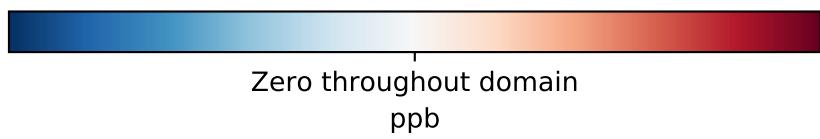
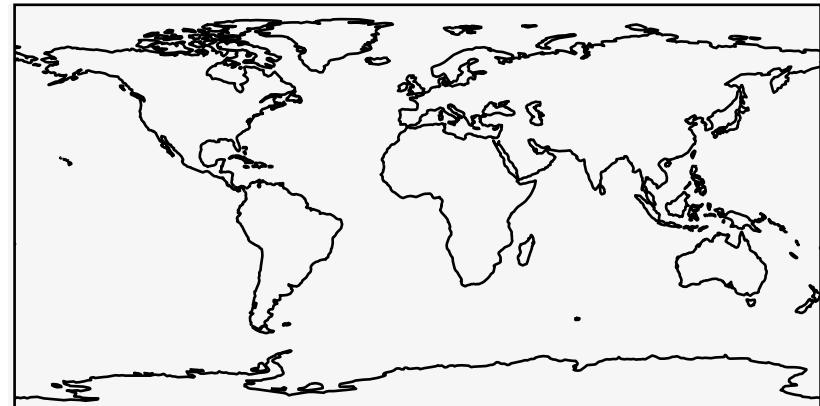
GC_12.7.0-rc.2 (Dev)
4x5



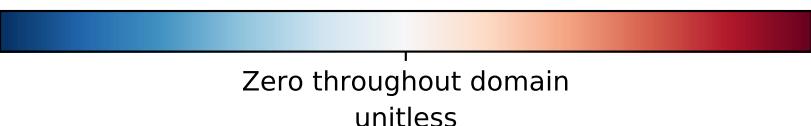
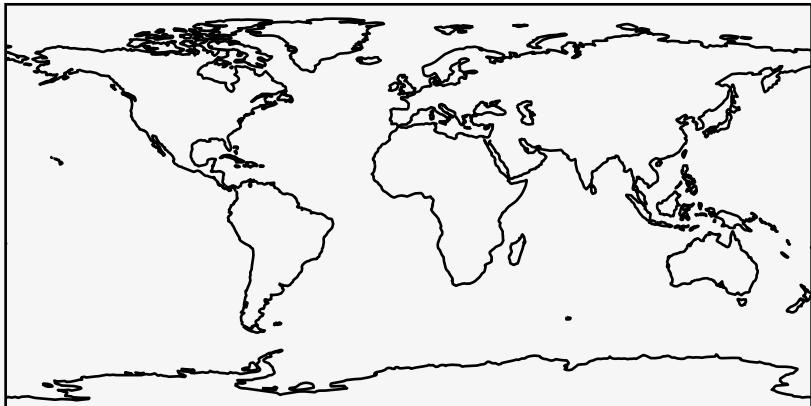
Difference
Dev - Ref, Dynamic Range



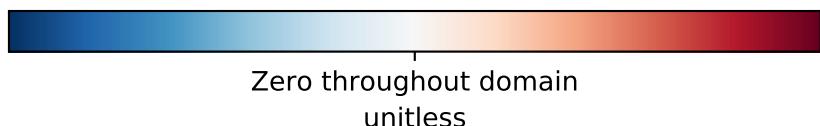
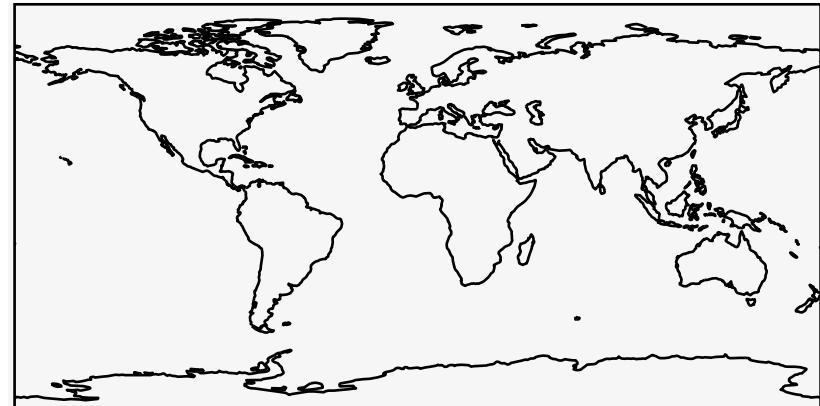
Difference
Dev - Ref, Restricted Range [5%,95%]



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

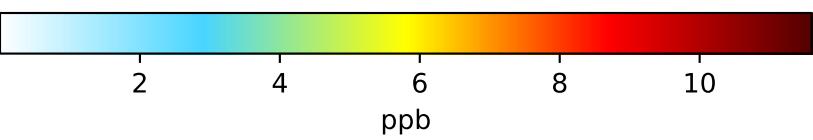
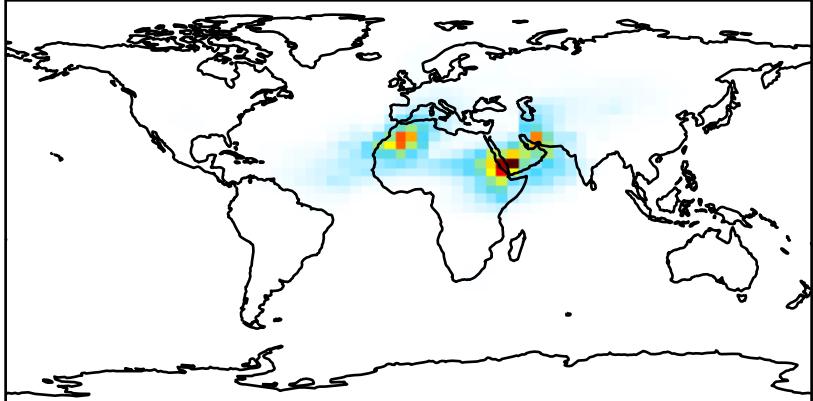


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

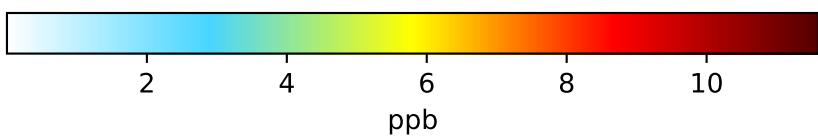
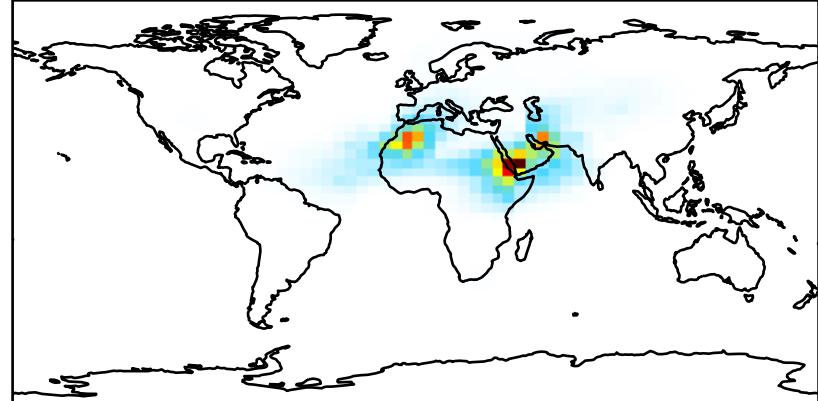


SpeciesConc_DST2

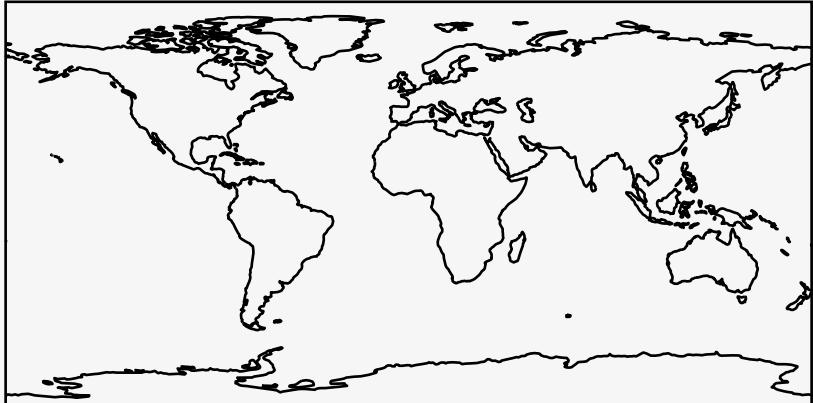
GC_12.7.0-rc.1 (Ref)
4x5



GC_12.7.0-rc.2 (Dev)
4x5

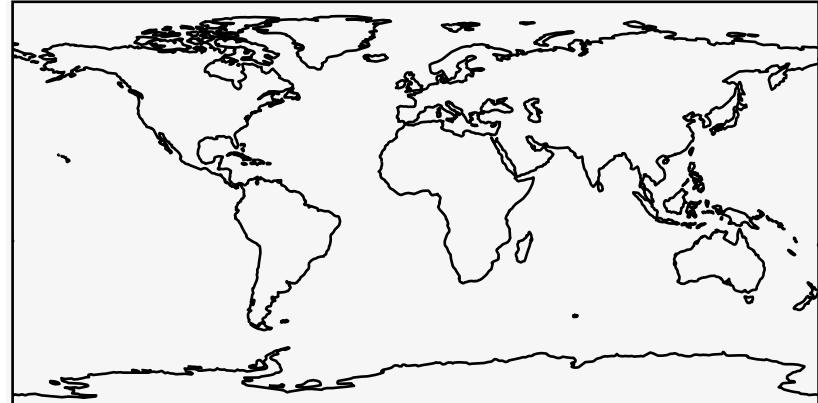


Difference
Dev - Ref, Dynamic Range



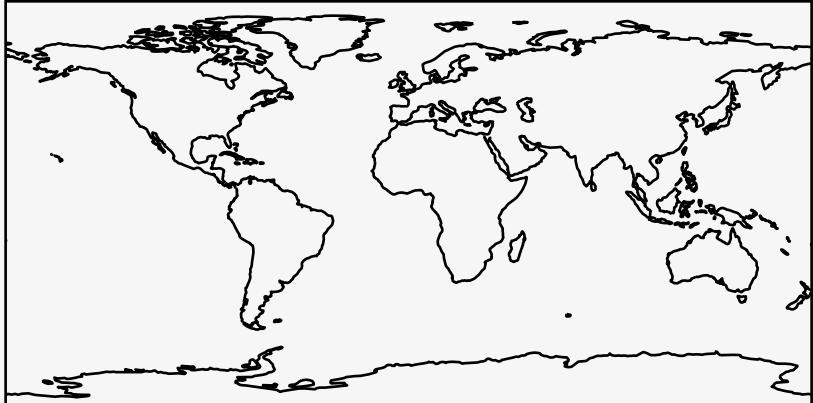
Zero throughout domain
ppb

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



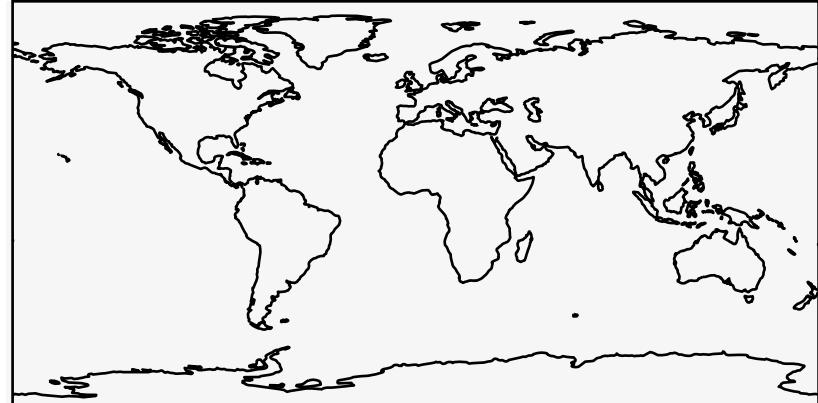
Zero throughout domain
ppb

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



Zero throughout domain
unitless

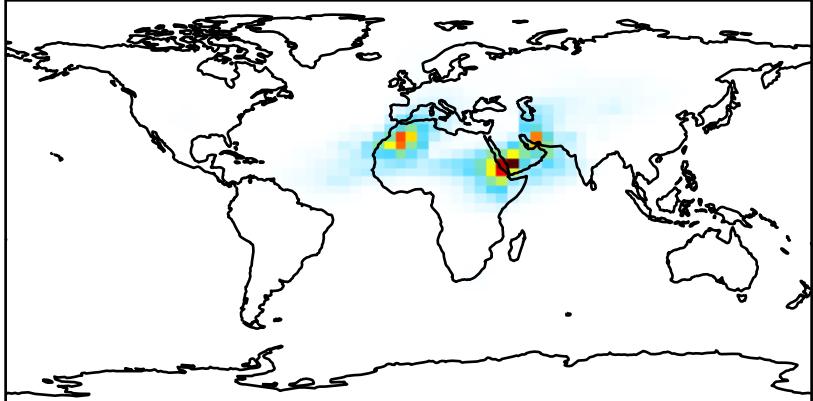
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



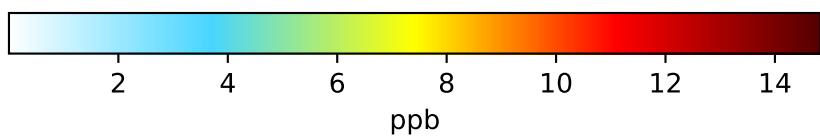
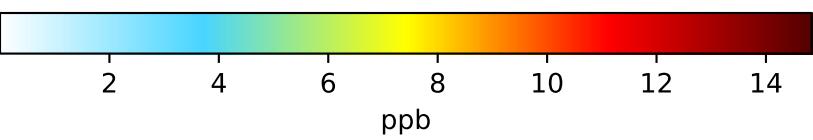
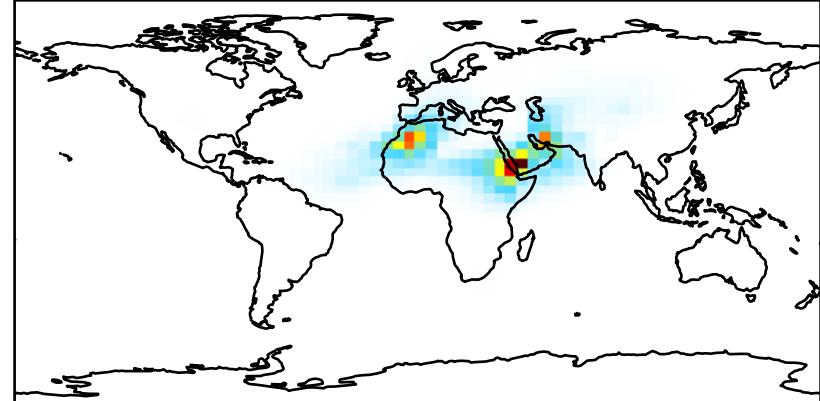
Zero throughout domain
unitless

SpeciesConc_DST3

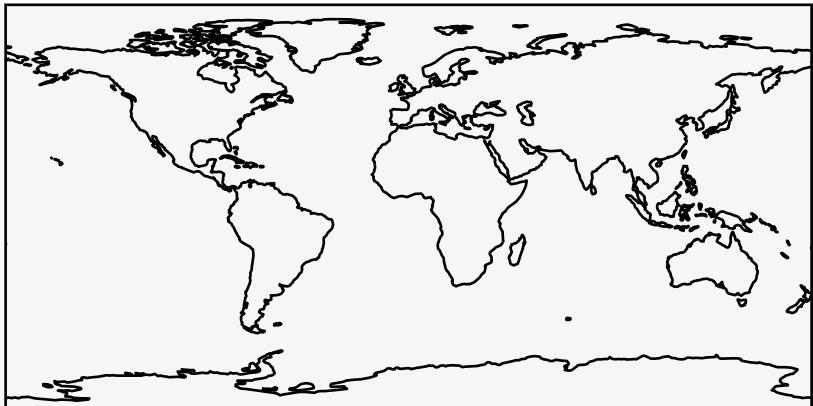
GC_12.7.0-rc.1 (Ref)
4x5



GC_12.7.0-rc.2 (Dev)
4x5

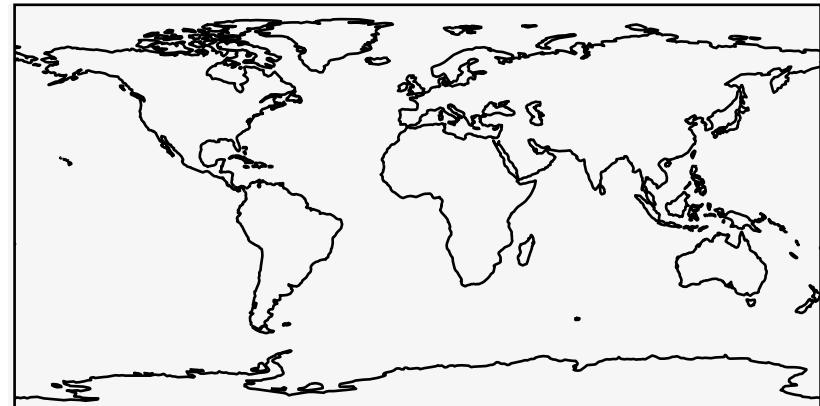


Difference
Dev - Ref, Dynamic Range



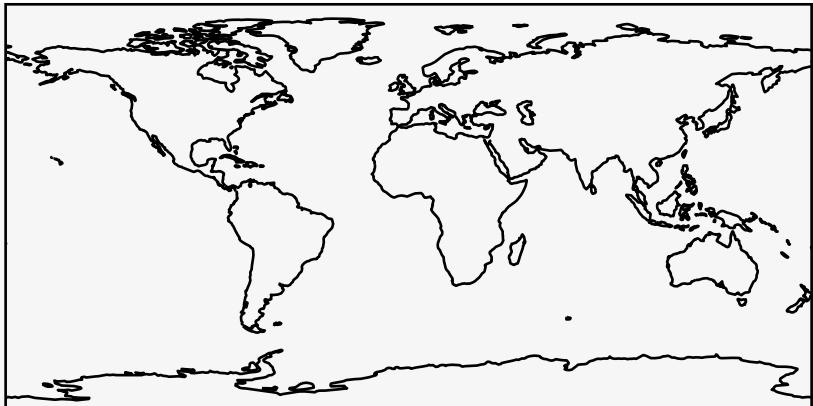
Zero throughout domain
ppb

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



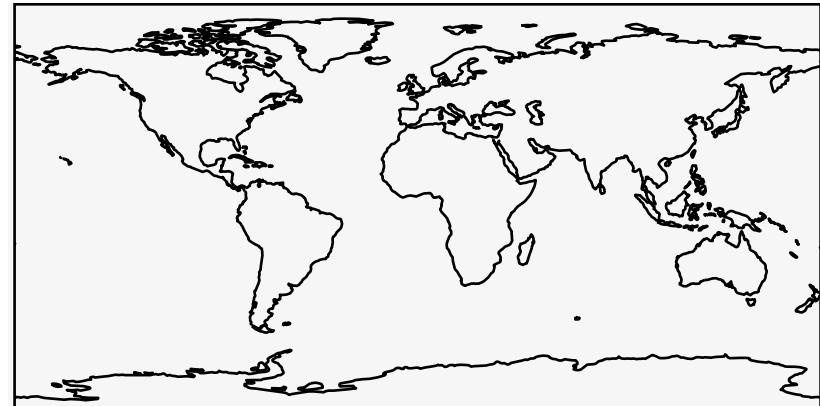
Zero throughout domain
ppb

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



Zero throughout domain
unitless

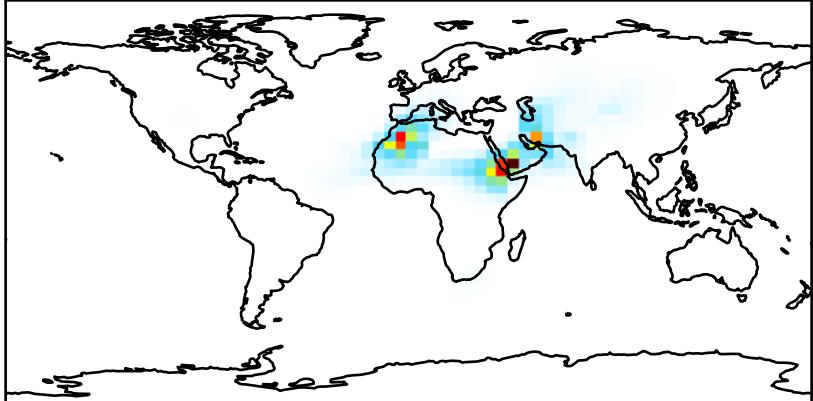
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



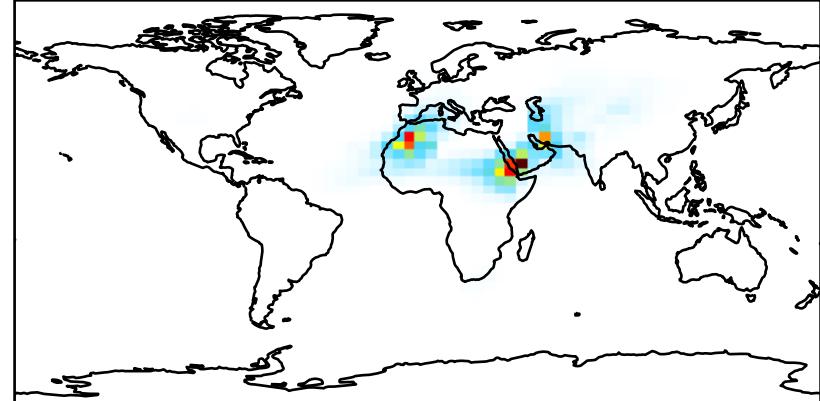
Zero throughout domain
unitless

SpeciesConc_DST4

GC_12.7.0-rc.1 (Ref)
4x5



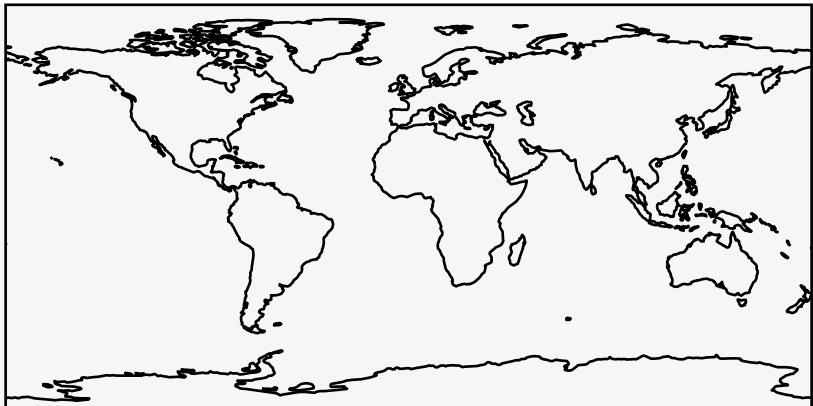
GC_12.7.0-rc.2 (Dev)
4x5



1 2 3 4
ppb

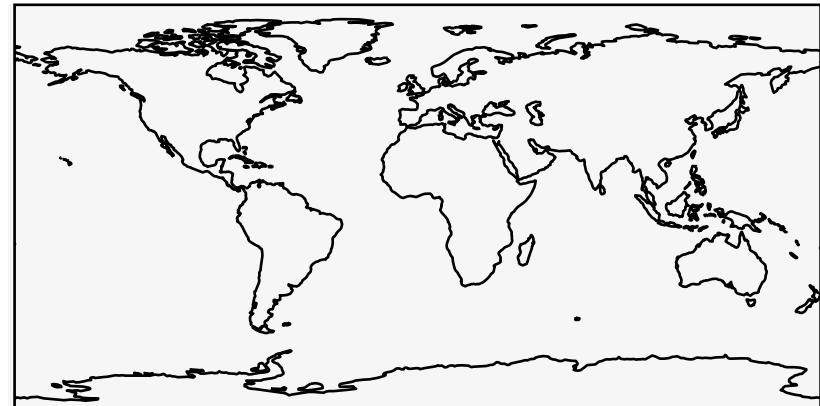
1 2 3 4
ppb

Difference
Dev - Ref, Dynamic Range



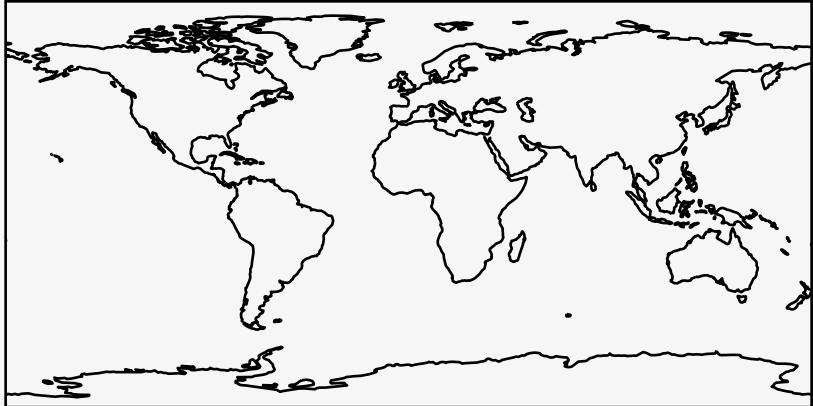
Zero throughout domain
ppb

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



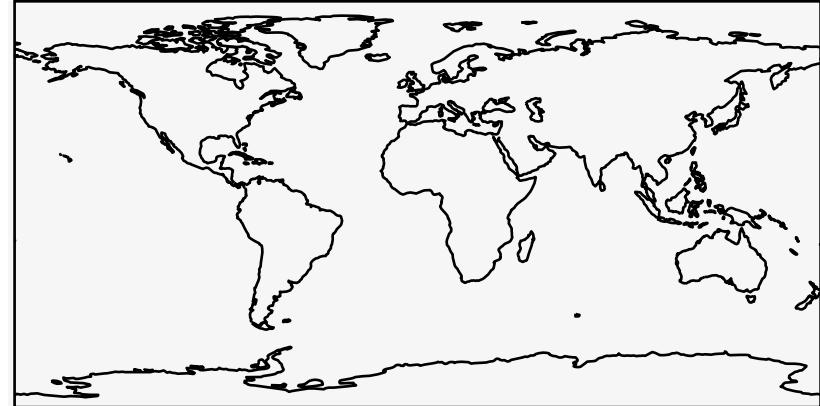
Zero throughout domain
ppb

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



Zero throughout domain
unitless

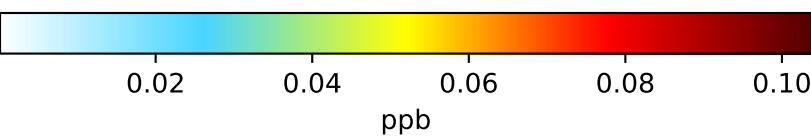
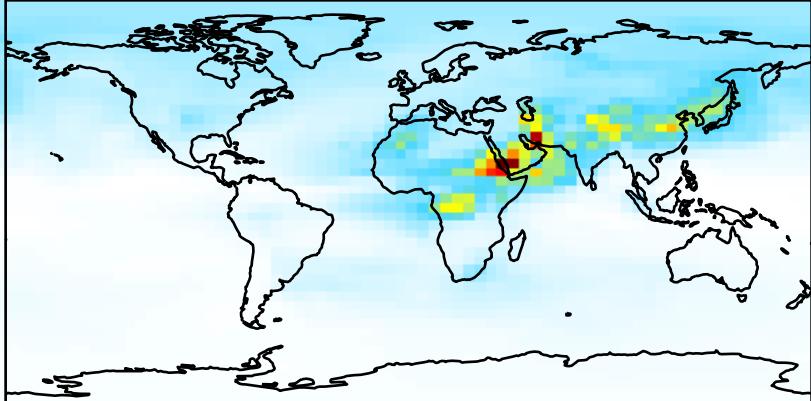
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



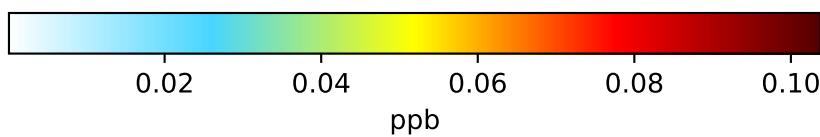
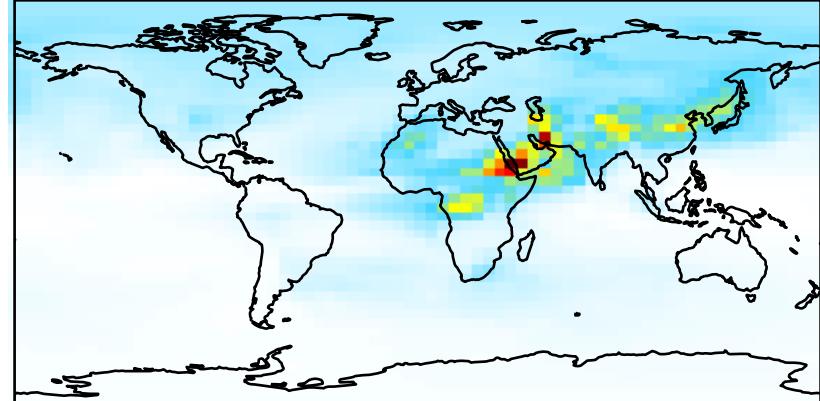
Zero throughout domain
unitless

SpeciesConc_BCPI

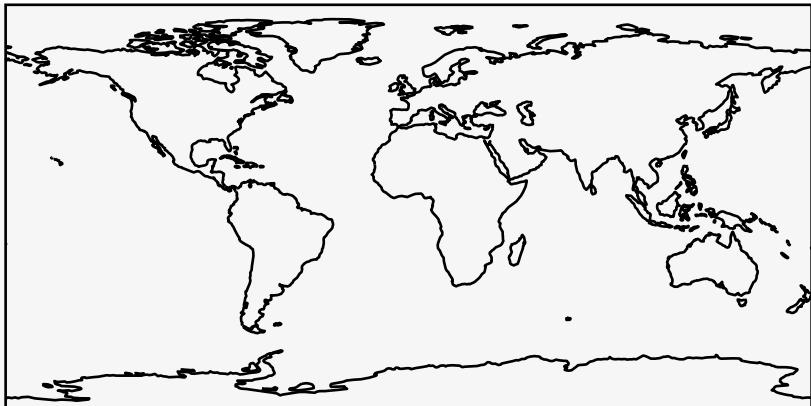
GC_12.7.0-rc.1 (Ref)
4x5



GC_12.7.0-rc.2 (Dev)
4x5

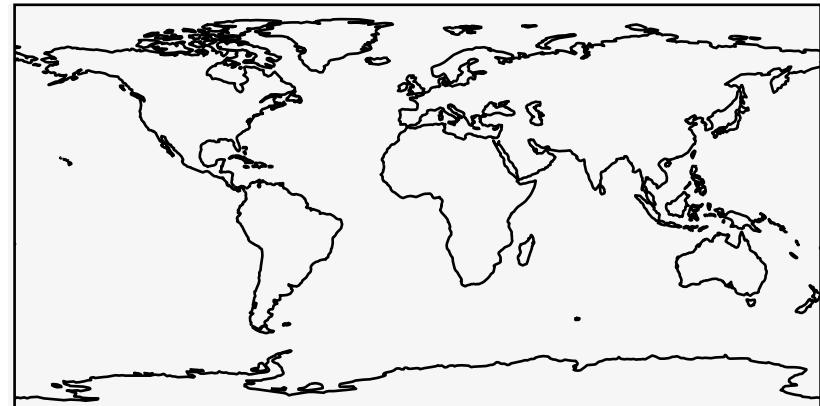


Difference
Dev - Ref, Dynamic Range



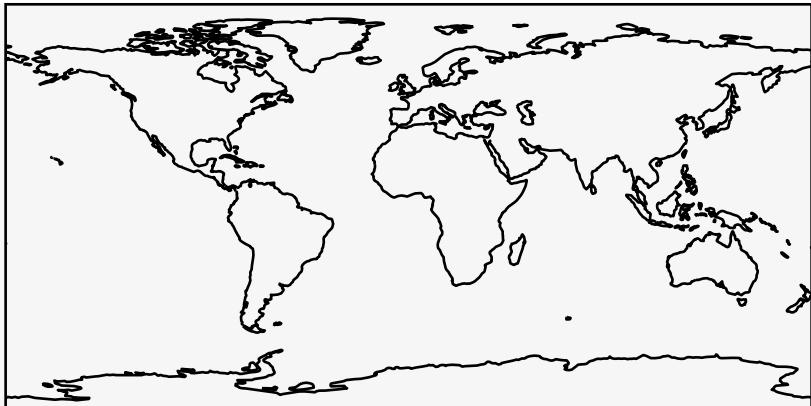
Zero throughout domain
ppb

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



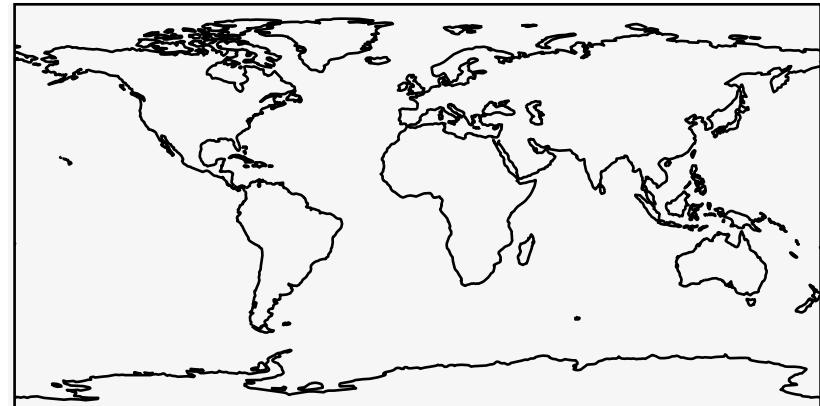
Zero throughout domain
ppb

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



Zero throughout domain
unitless

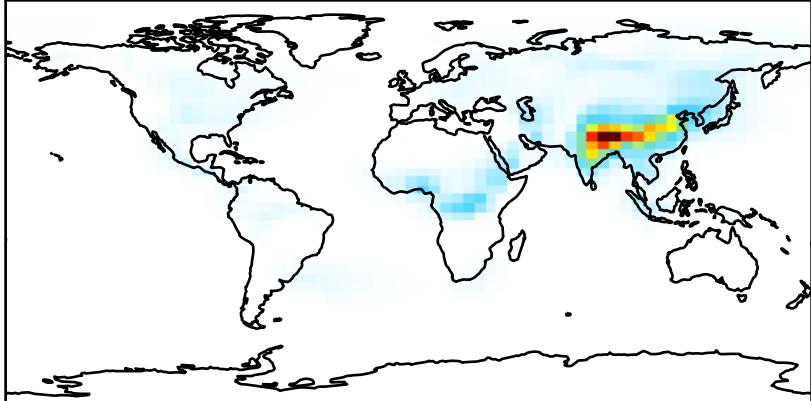
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



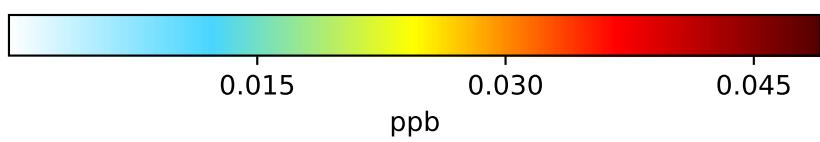
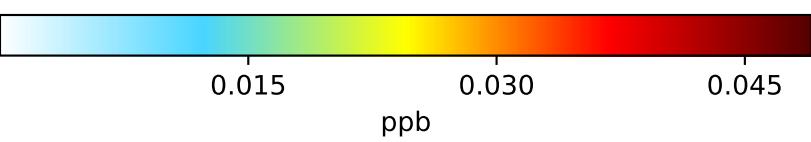
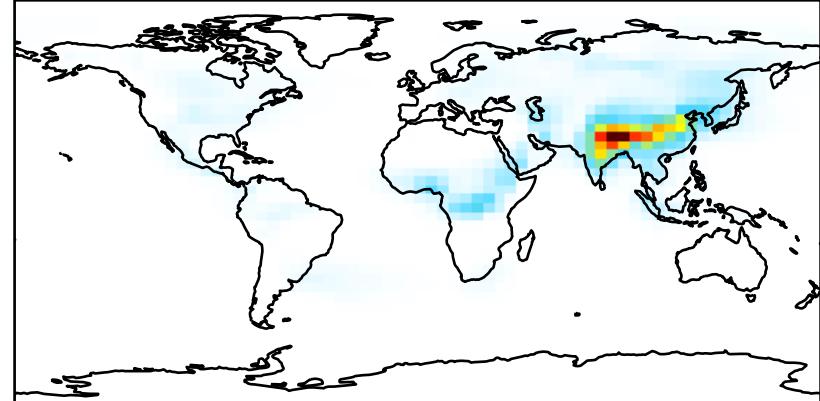
Zero throughout domain
unitless

SpeciesConc_BCPO

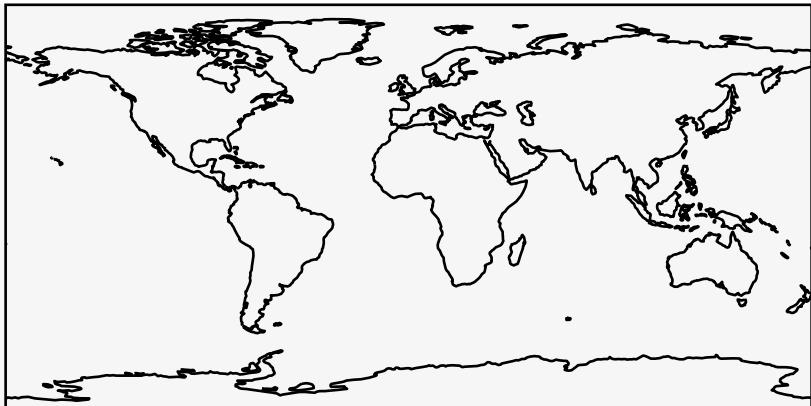
GC_12.7.0-rc.1 (Ref)
4x5



GC_12.7.0-rc.2 (Dev)
4x5

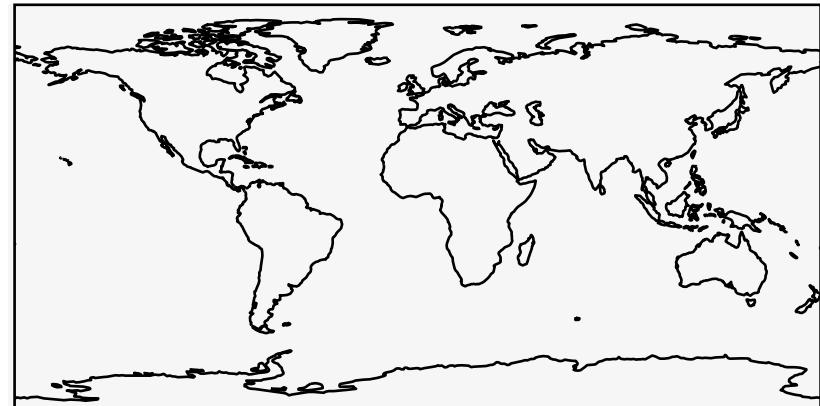


Difference
Dev - Ref, Dynamic Range



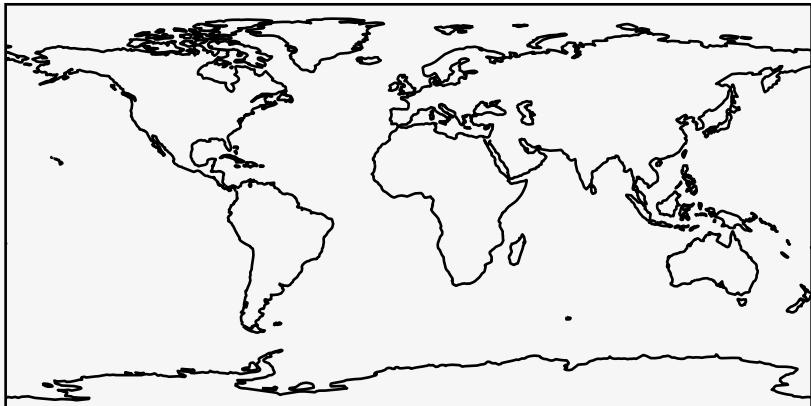
Zero throughout domain
ppb

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



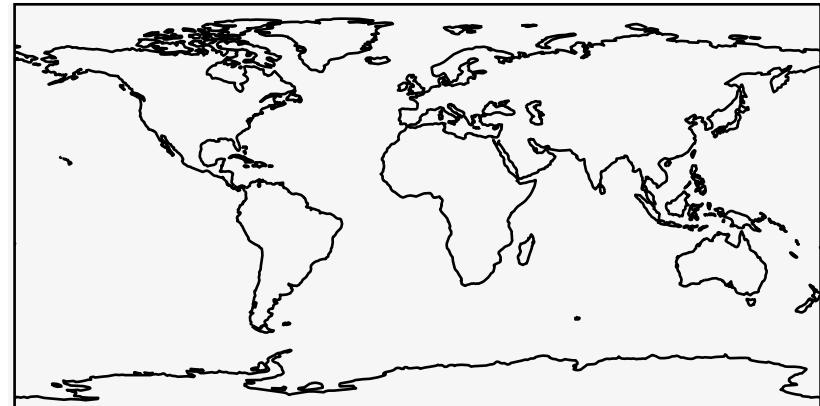
Zero throughout domain
ppb

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



Zero throughout domain
unitless

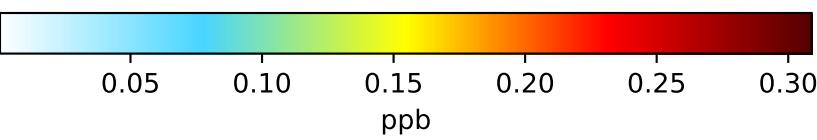
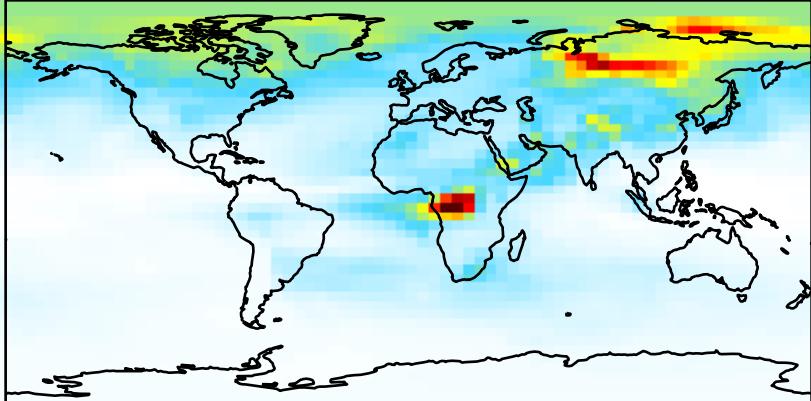
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



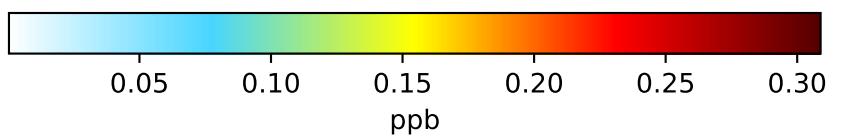
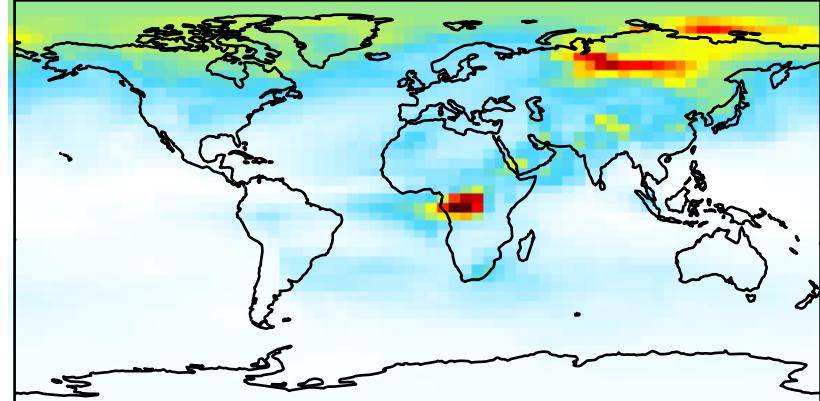
Zero throughout domain
unitless

SpeciesConc_OCPI

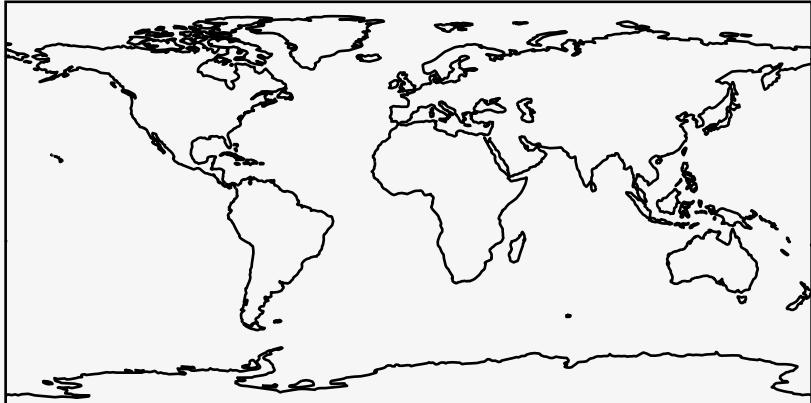
GC_12.7.0-rc.1 (Ref)
4x5



GC_12.7.0-rc.2 (Dev)
4x5

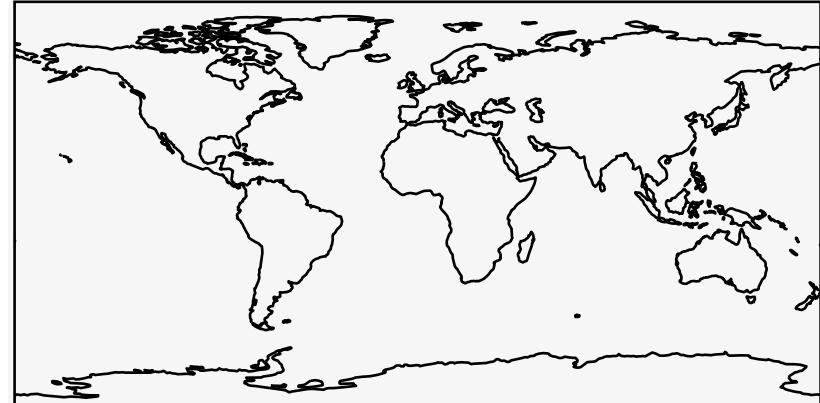


Difference
Dev - Ref, Dynamic Range



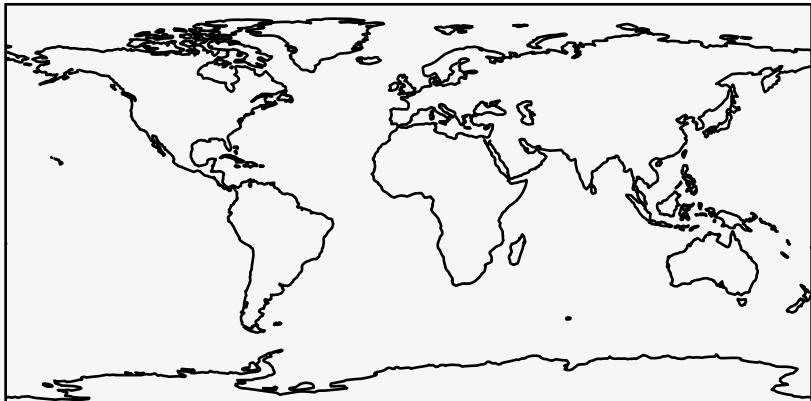
Zero throughout domain
ppb

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



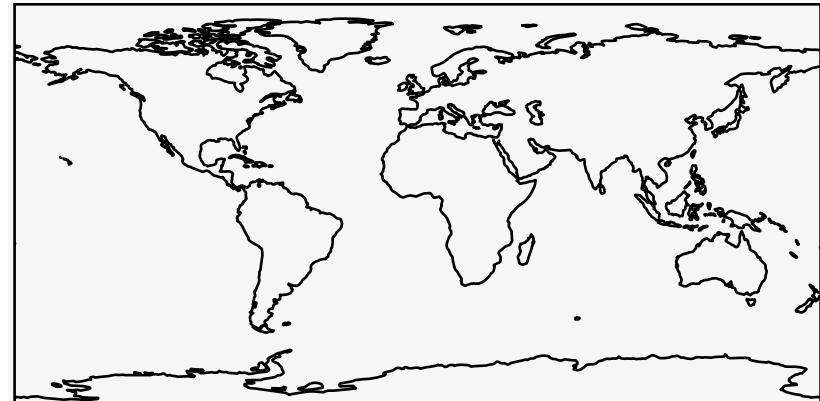
Zero throughout domain
ppb

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



Zero throughout domain
unitless

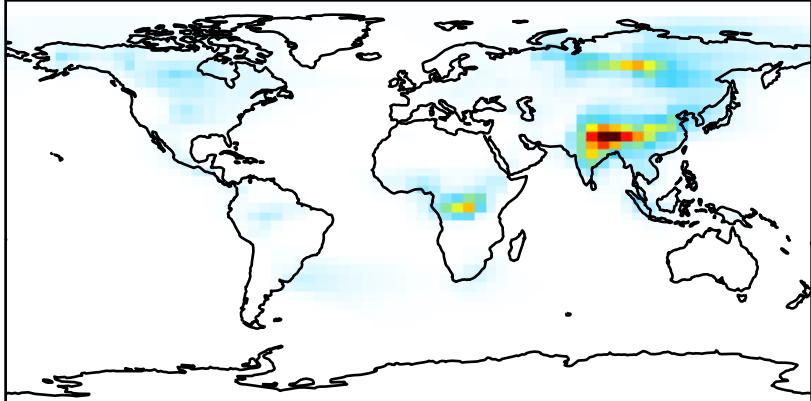
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



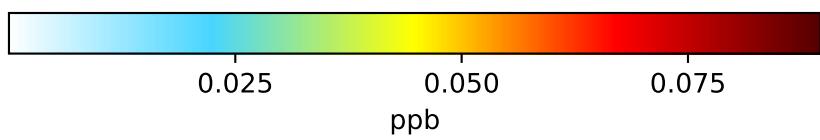
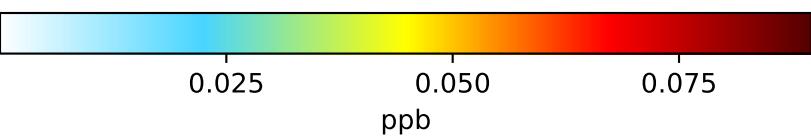
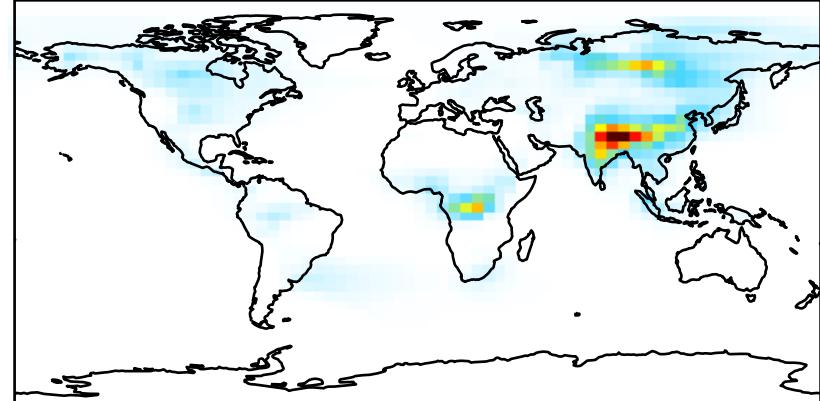
Zero throughout domain
unitless

SpeciesConc_OCPO

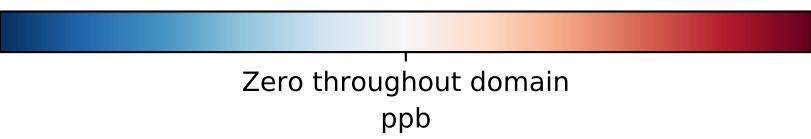
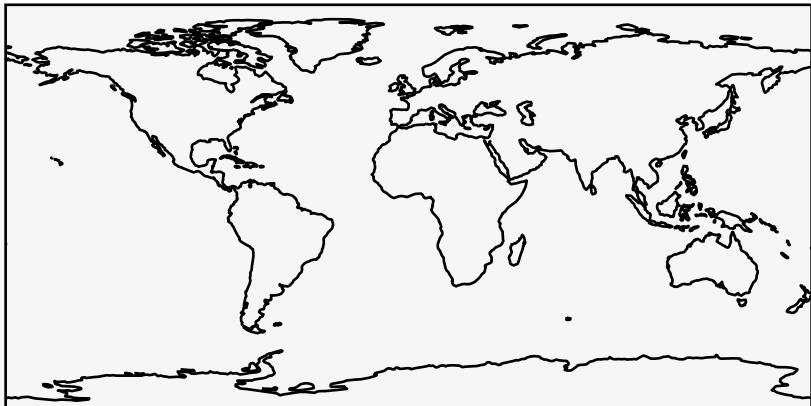
GC_12.7.0-rc.1 (Ref)
4x5



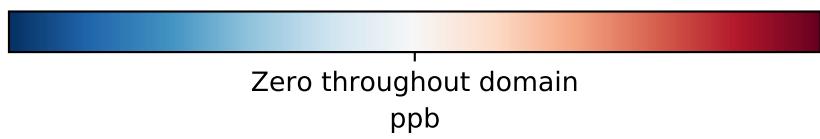
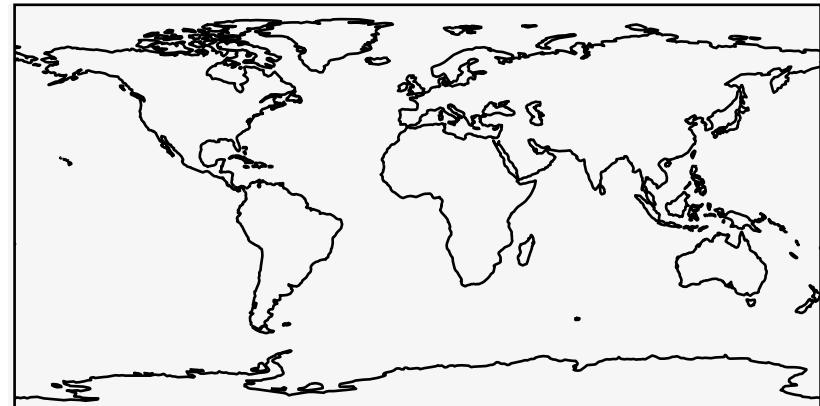
GC_12.7.0-rc.2 (Dev)
4x5



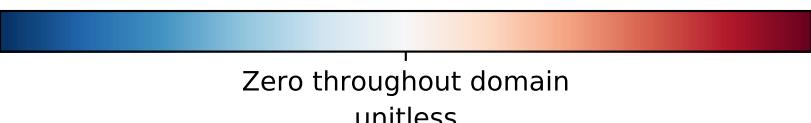
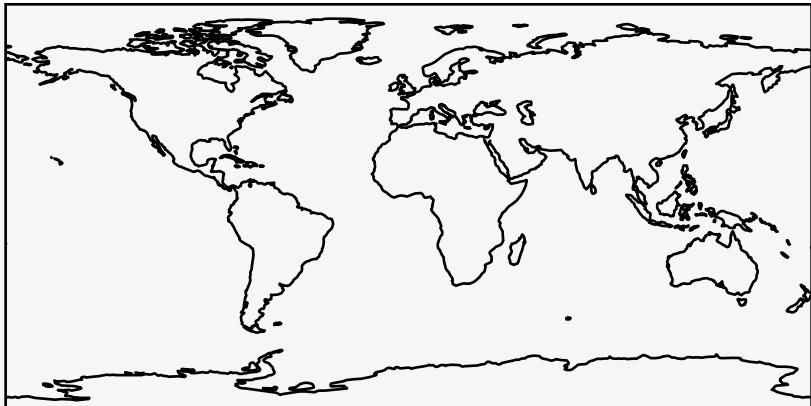
Difference
Dev - Ref, Dynamic Range



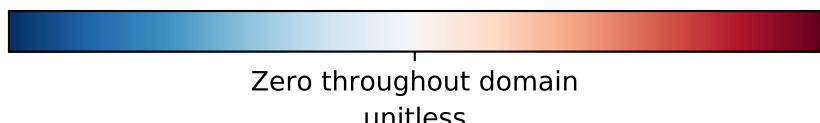
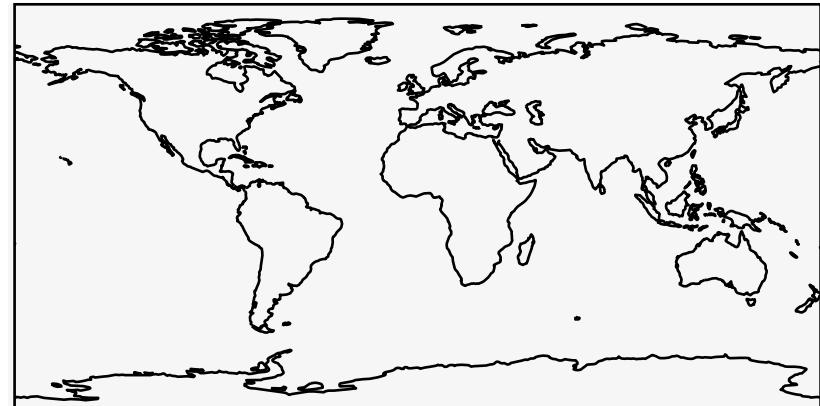
Difference
Dev - Ref, Restricted Range [5%,95%]



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

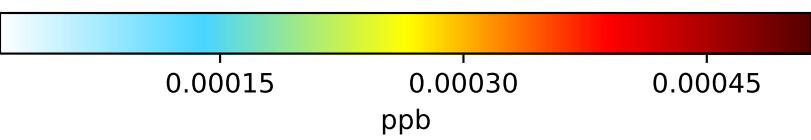
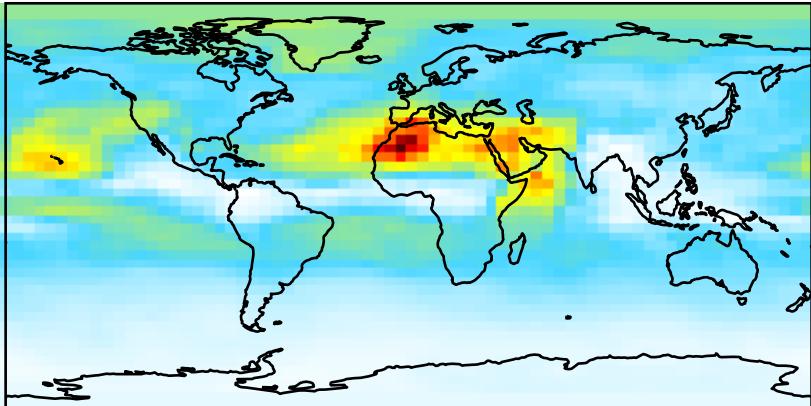


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

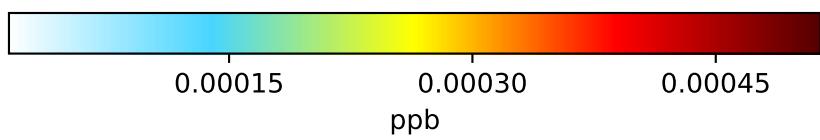
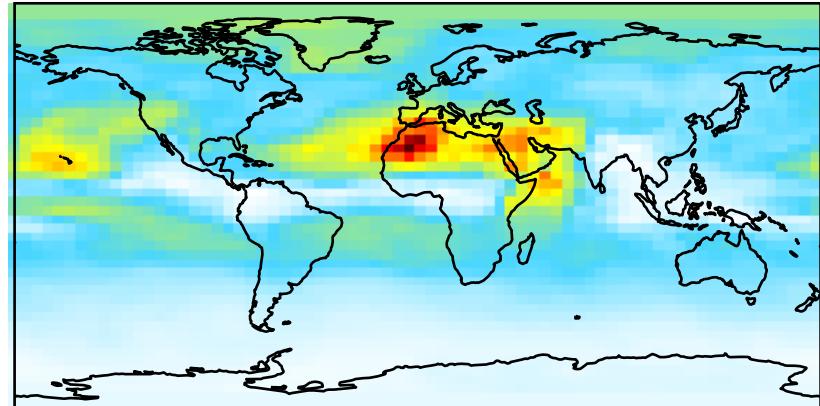


SpeciesConc_AERI

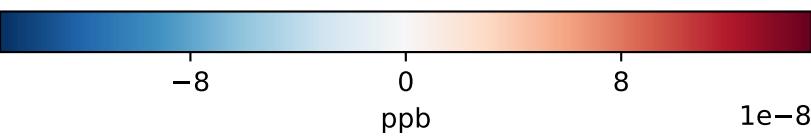
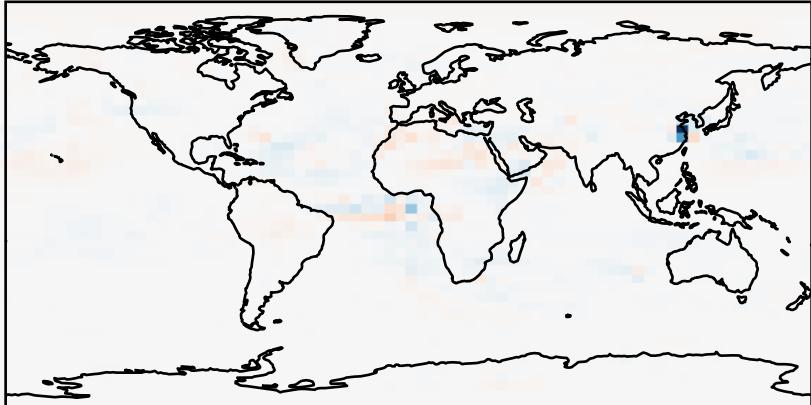
GC_12.7.0-rc.1 (Ref)
4x5



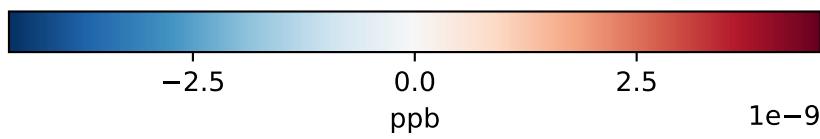
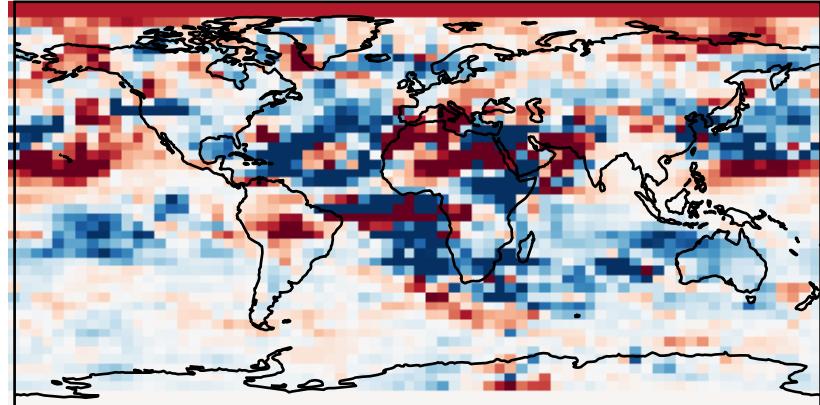
GC_12.7.0-rc.2 (Dev)
4x5



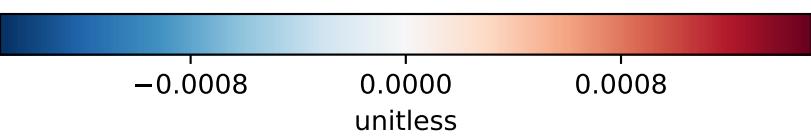
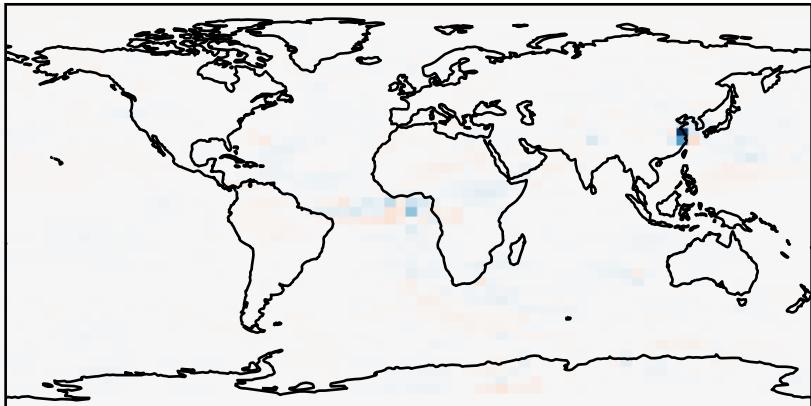
Difference
Dev - Ref, Dynamic Range



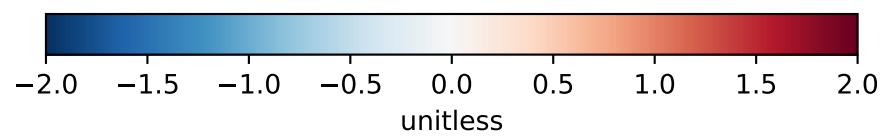
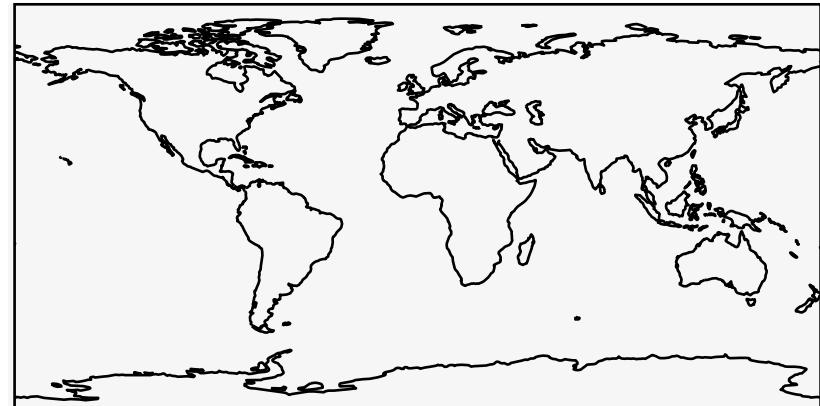
Difference
Dev - Ref, Restricted Range [5%,95%]



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

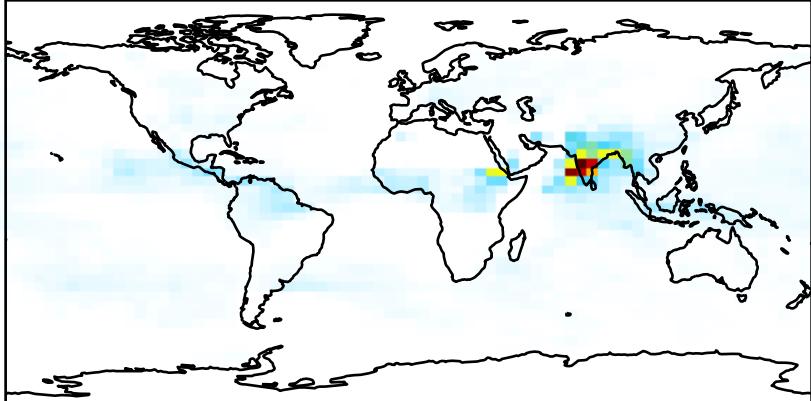


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

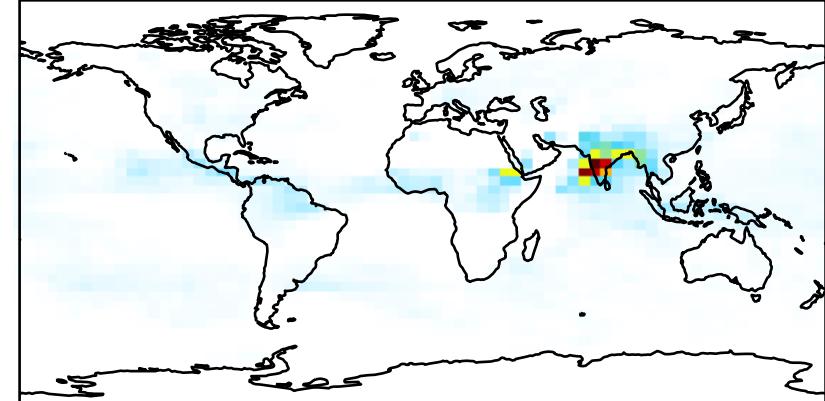


SpeciesConc_BrSALA

GC_12.7.0-rc.1 (Ref)
4x5



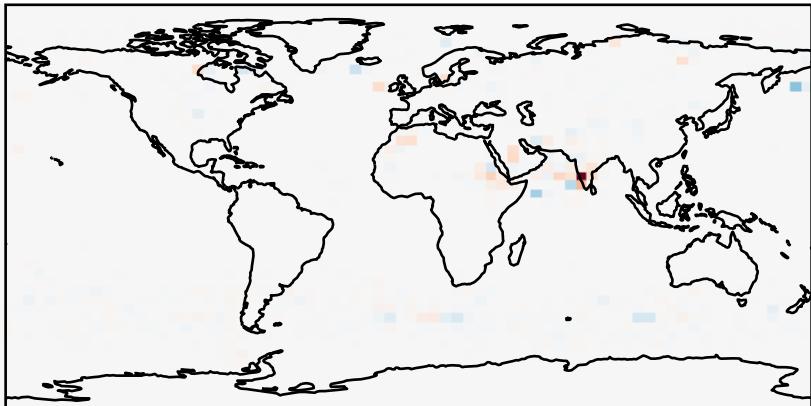
GC_12.7.0-rc.2 (Dev)
4x5



0.000005 0.000010 0.000015
ppb

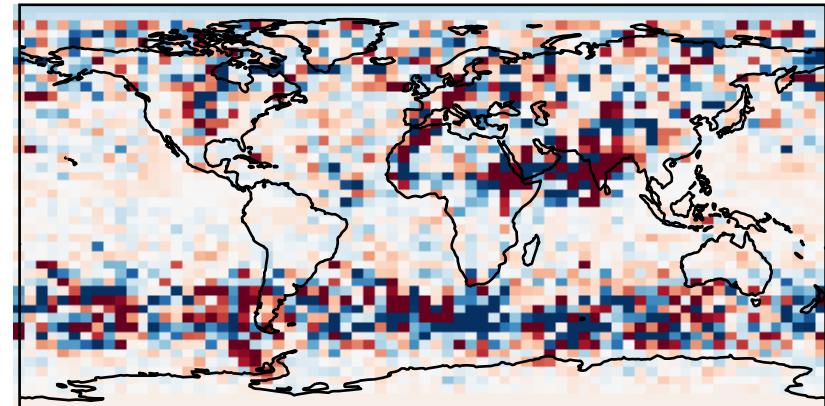
0.000005 0.000010 0.000015
ppb

Difference
Dev - Ref, Dynamic Range



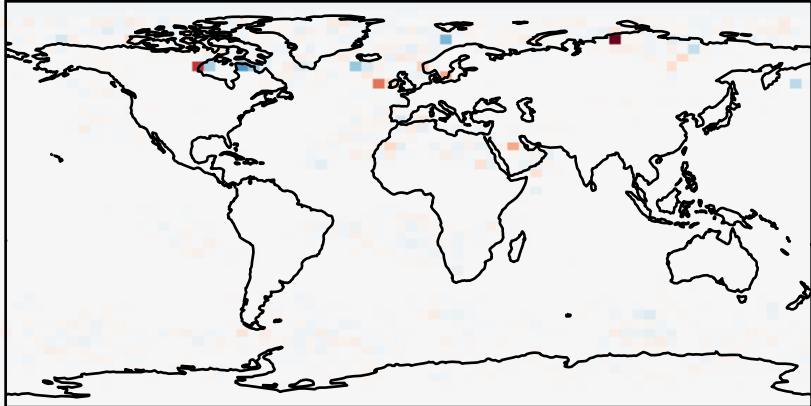
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ppb

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



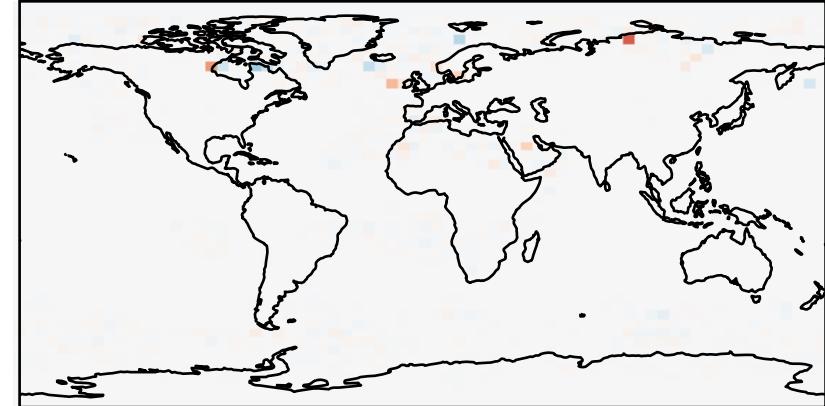
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ppb

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



-1.0 -0.5 0.0 0.5 1.0
unitless

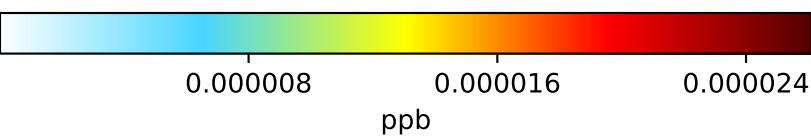
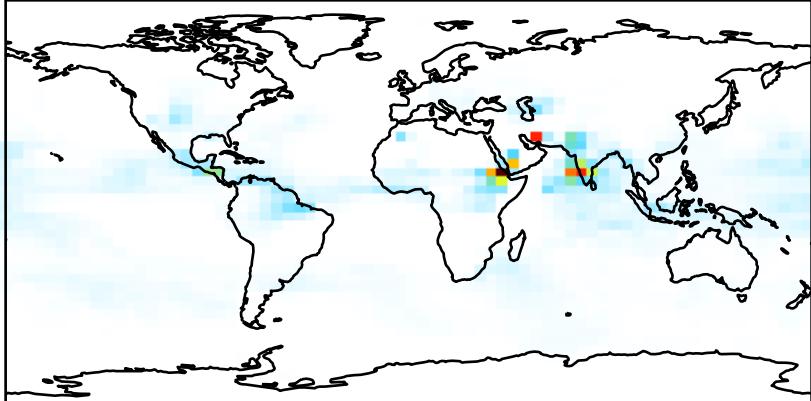
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



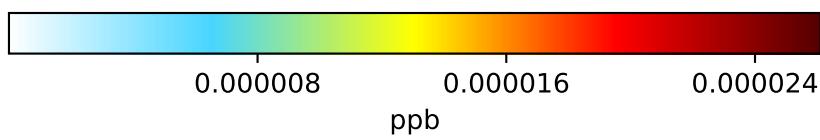
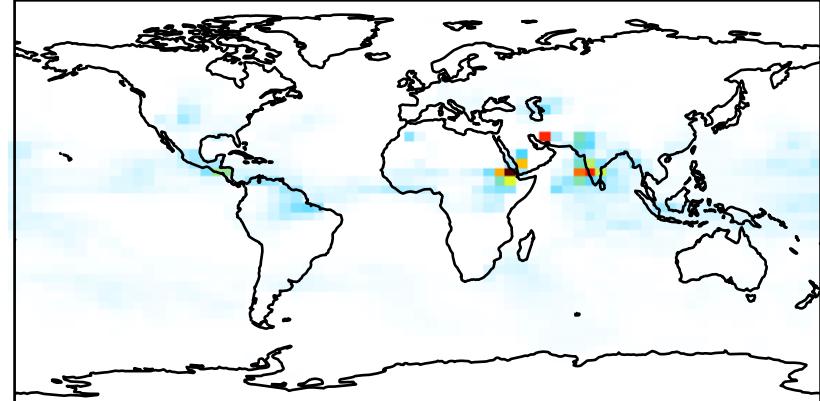
-2.0 -1.5 -1.0 -0.5 0.0 0.5 1.0 1.5 2.0
unitless

SpeciesConc_BrSALC

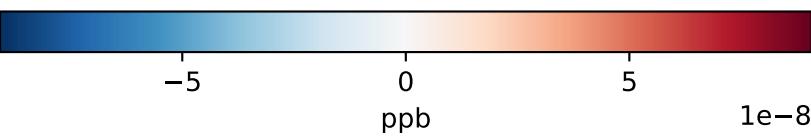
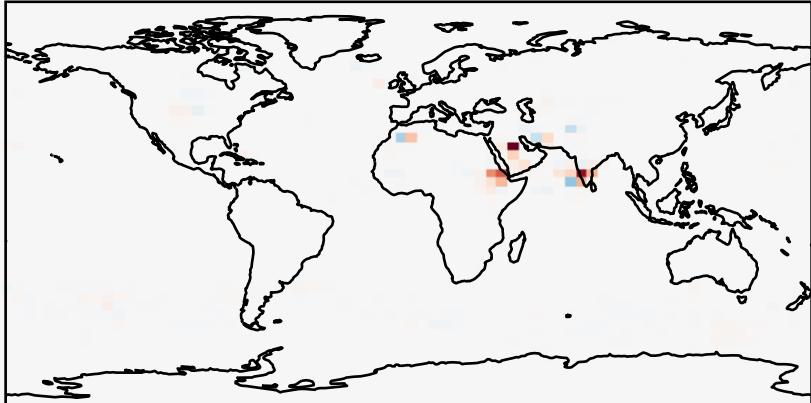
GC_12.7.0-rc.1 (Ref)
4x5



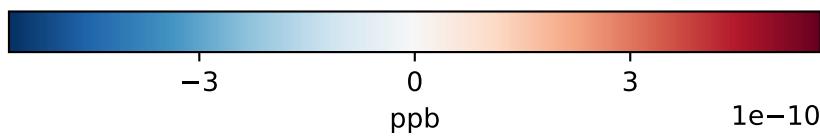
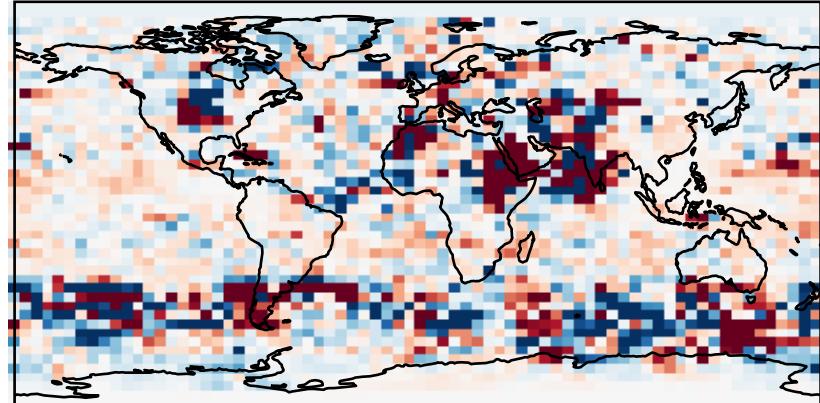
GC_12.7.0-rc.2 (Dev)
4x5



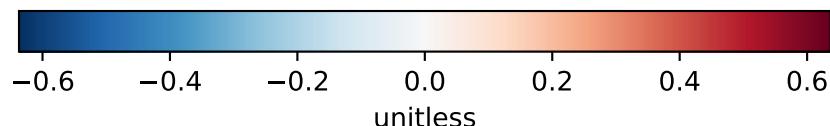
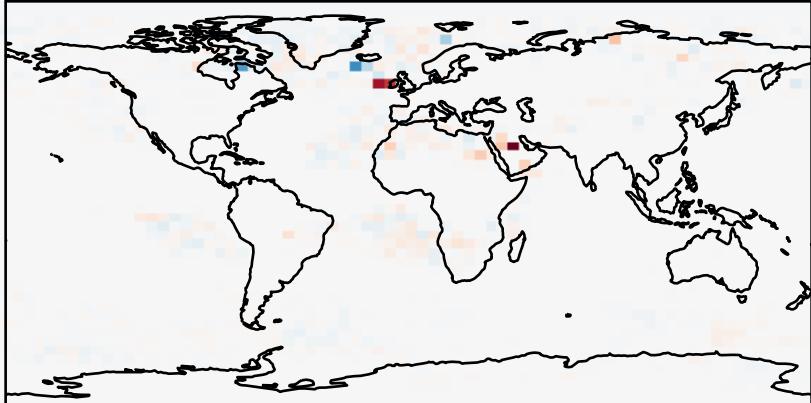
Difference
Dev - Ref, Dynamic Range



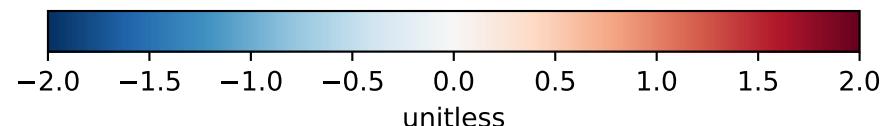
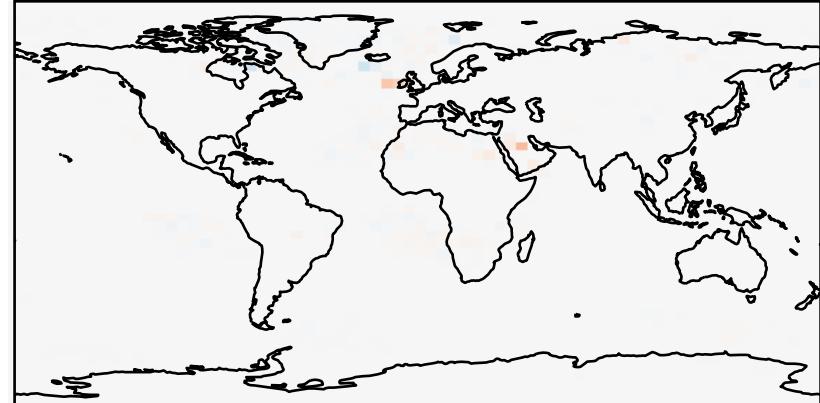
Difference
Dev - Ref, Restricted Range [5%,95%]



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

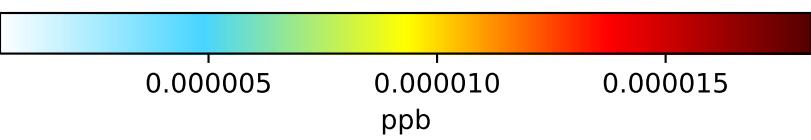
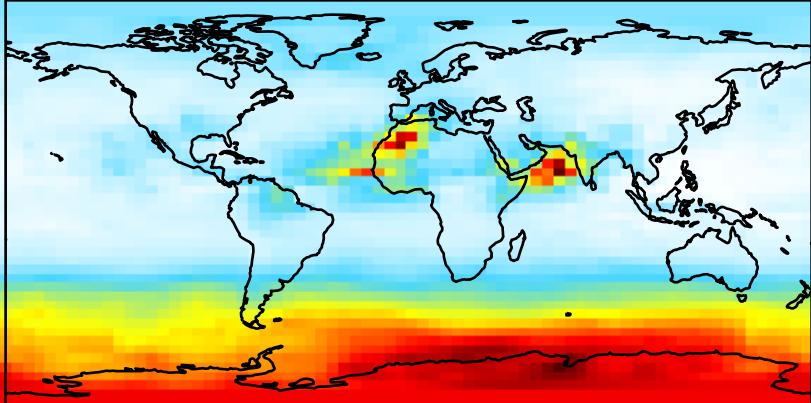


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

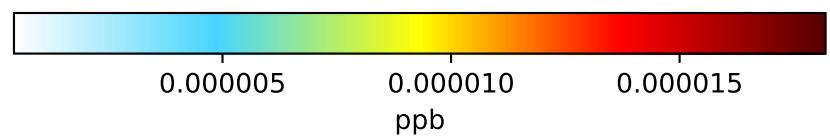
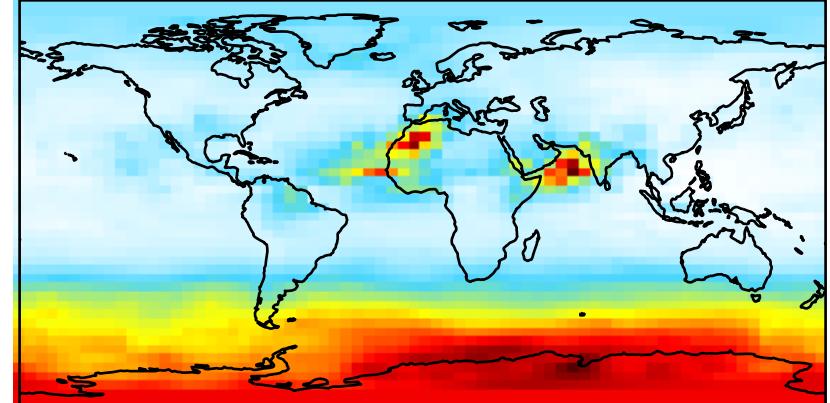


SpeciesConc_ISALA

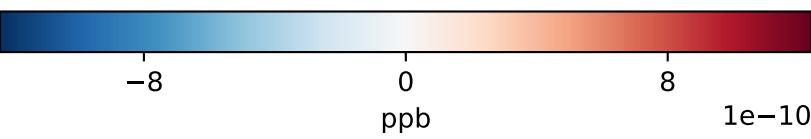
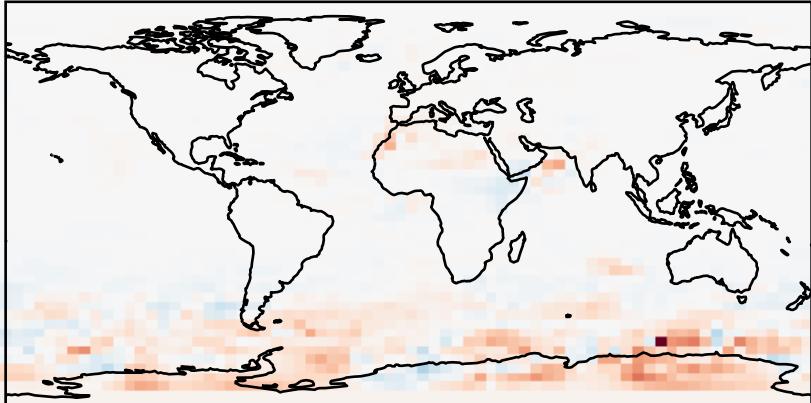
GC_12.7.0-rc.1 (Ref)
4x5



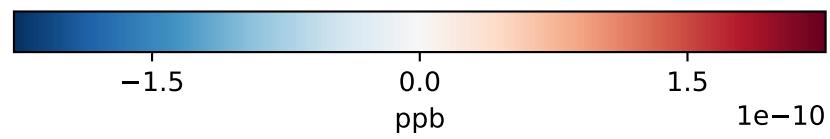
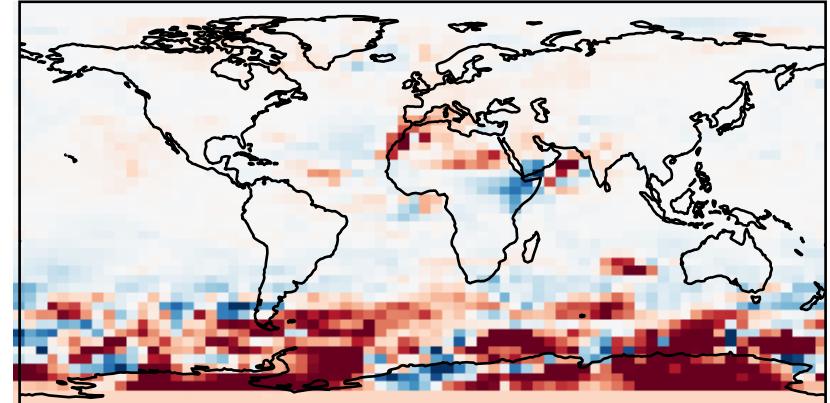
GC_12.7.0-rc.2 (Dev)
4x5



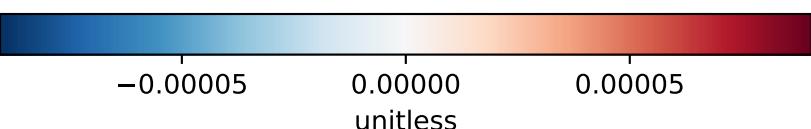
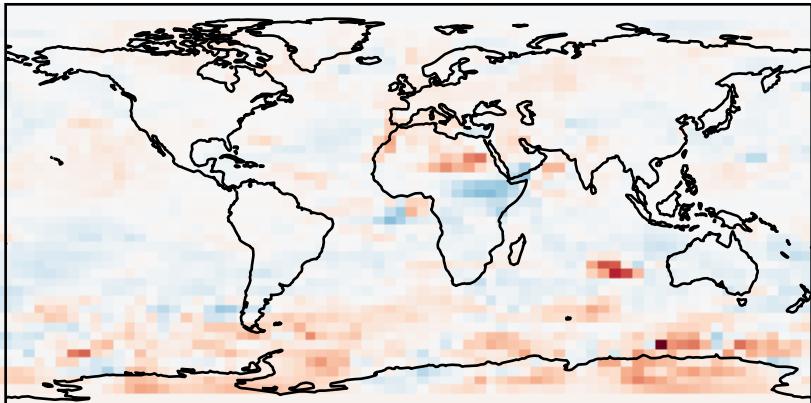
Difference
Dev - Ref, Dynamic Range



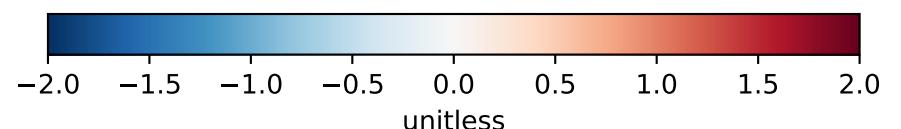
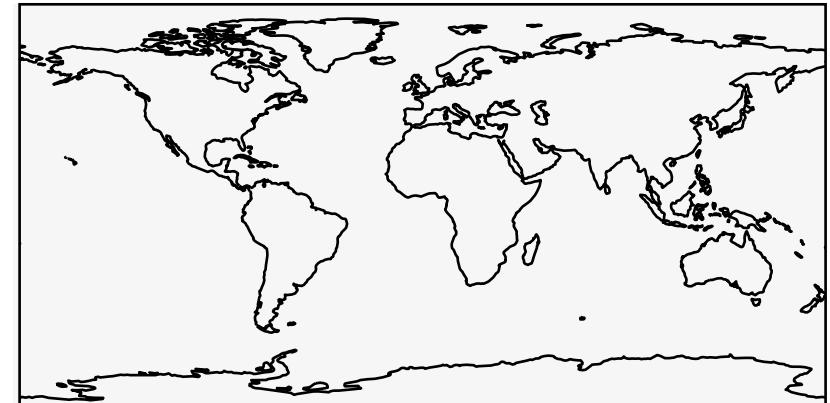
Difference
Dev - Ref, Restricted Range [5%,95%]



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

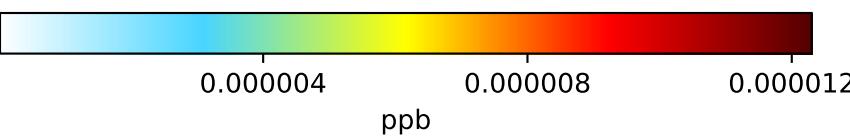
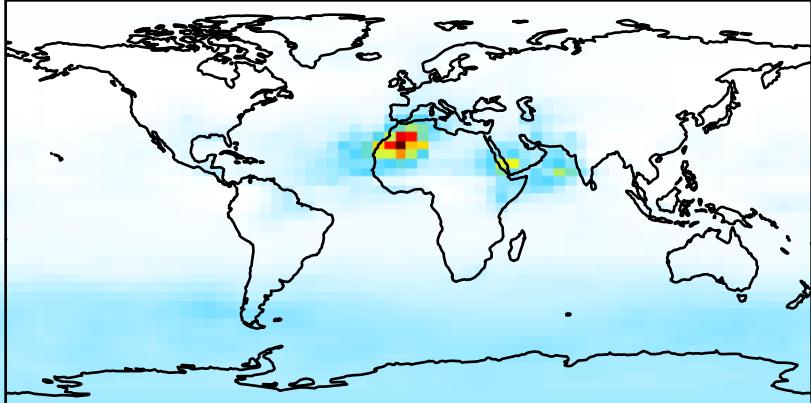


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

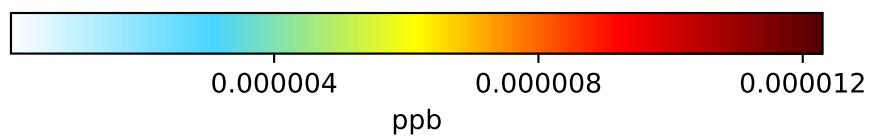
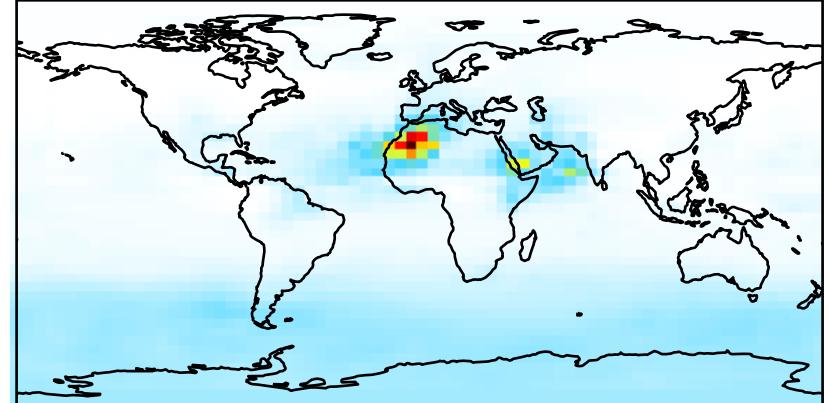


SpeciesConc_ISALC

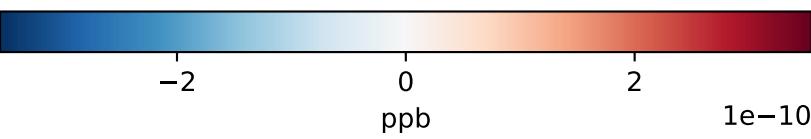
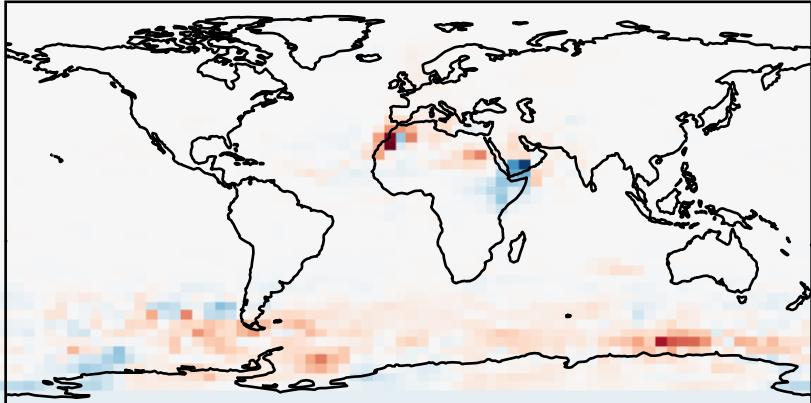
GC_12.7.0-rc.1 (Ref)
4x5



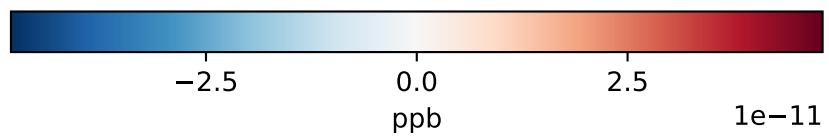
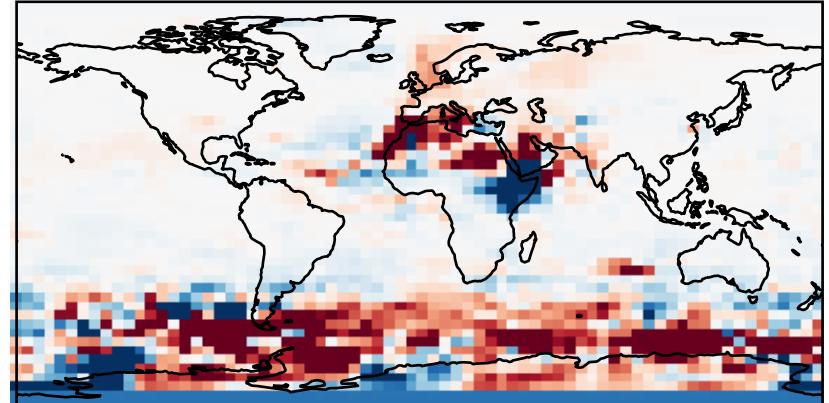
GC_12.7.0-rc.2 (Dev)
4x5



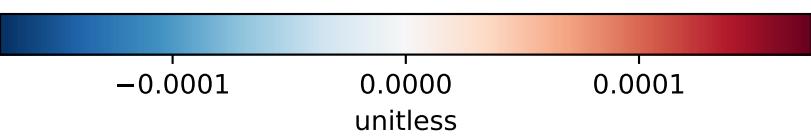
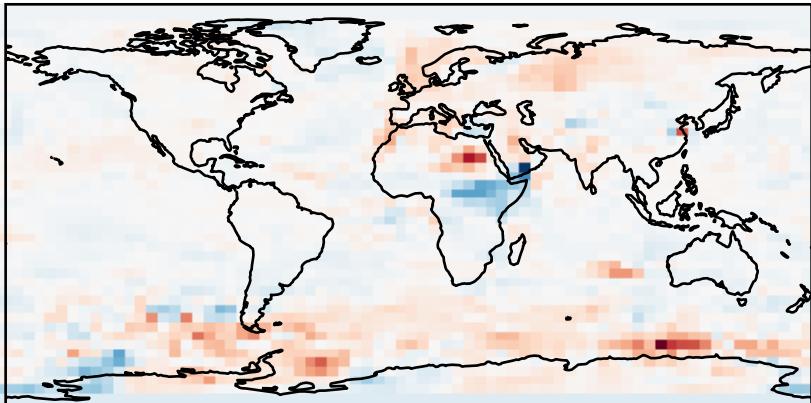
Difference
Dev - Ref, Dynamic Range



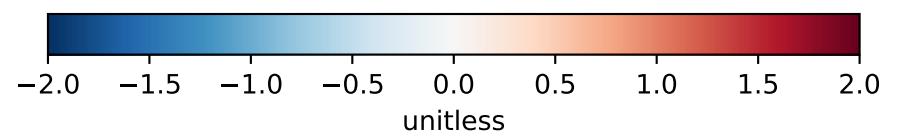
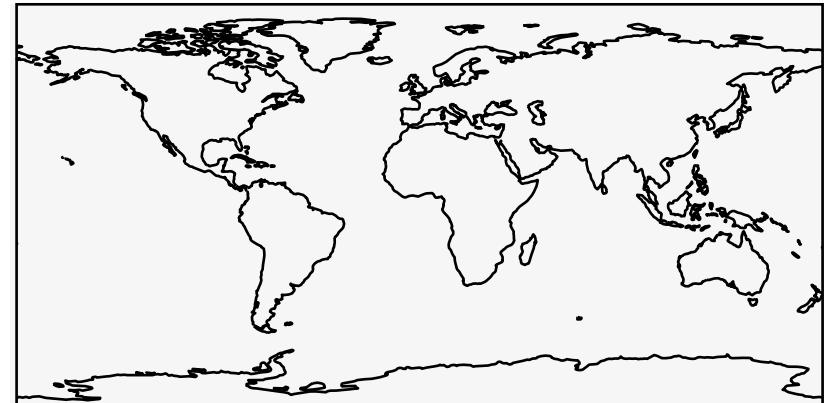
Difference
Dev - Ref, Restricted Range [5%,95%]



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

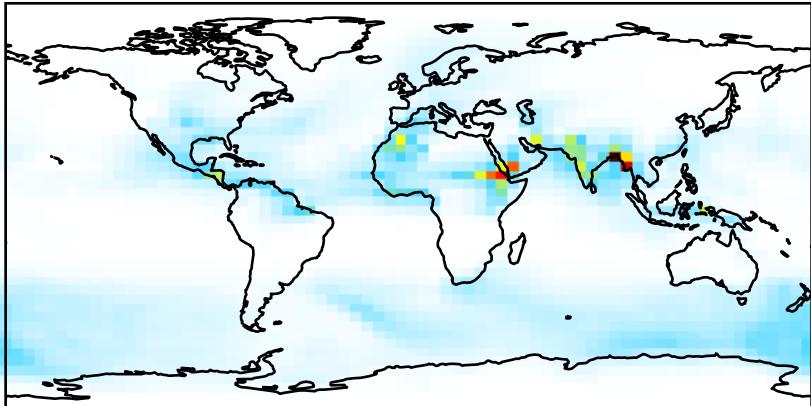


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

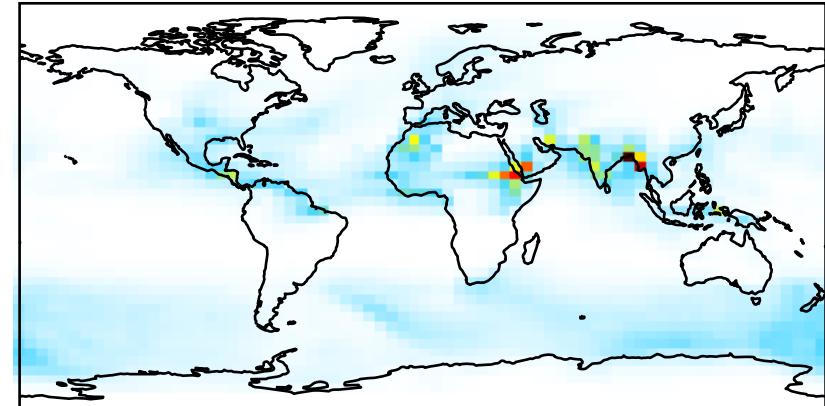


SpeciesConc_NITs

GC_12.7.0-rc.1 (Ref)
4x5



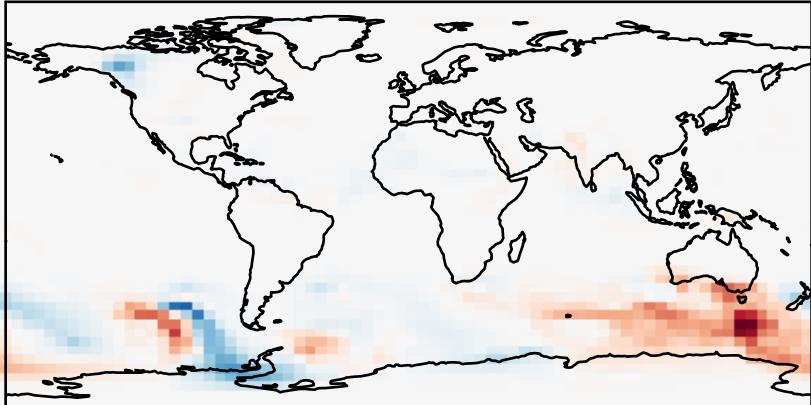
GC_12.7.0-rc.2 (Dev)
4x5



0.000015 0.000030
ppb

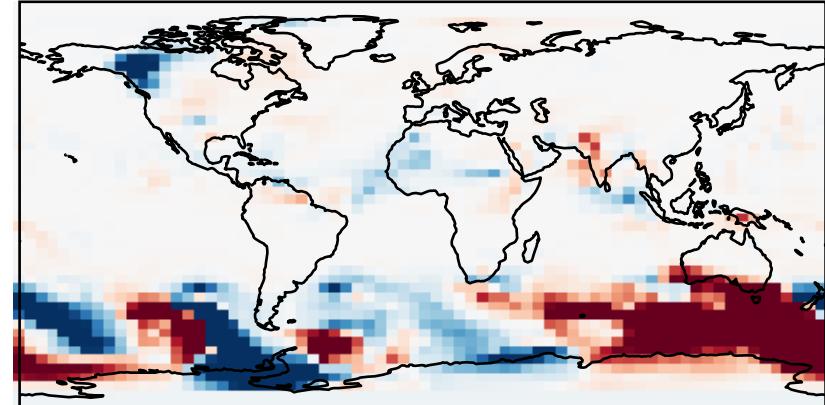
0.000015 0.000030
ppb

Difference
Dev - Ref, Dynamic Range



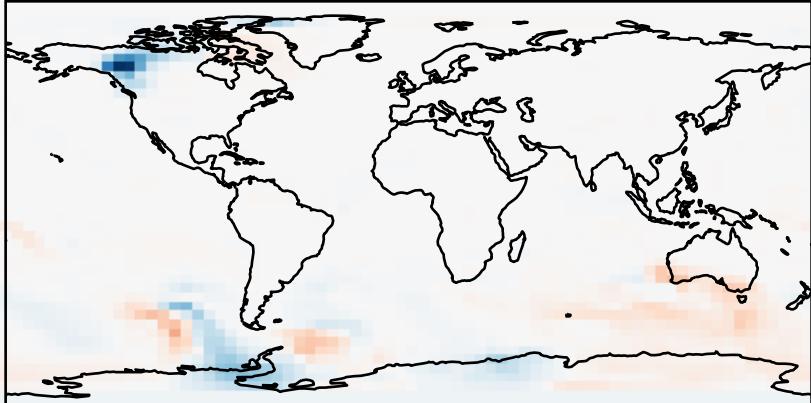
-2.5 0.0 2.5 1e-10
ppb

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



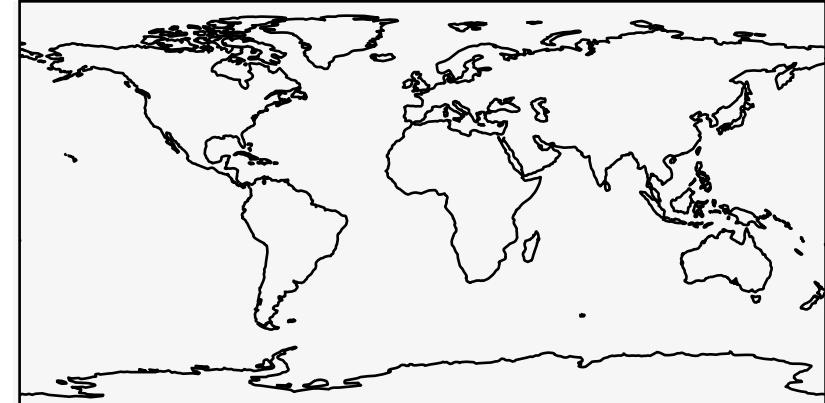
-4 0 4 1e-11
ppb

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



-0.0002 0.0000 0.0002
unitless

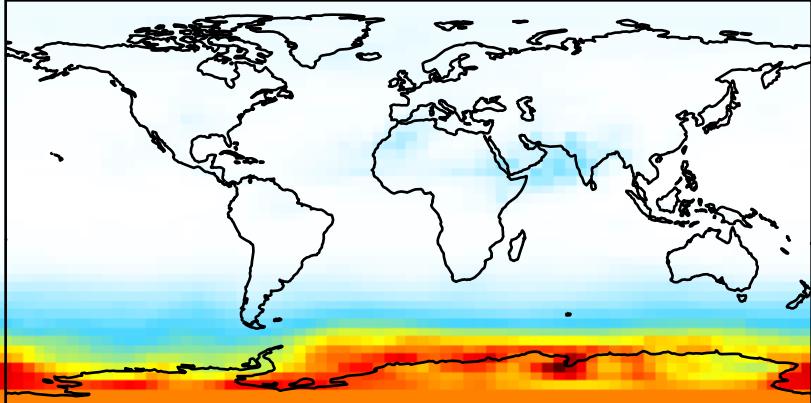
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



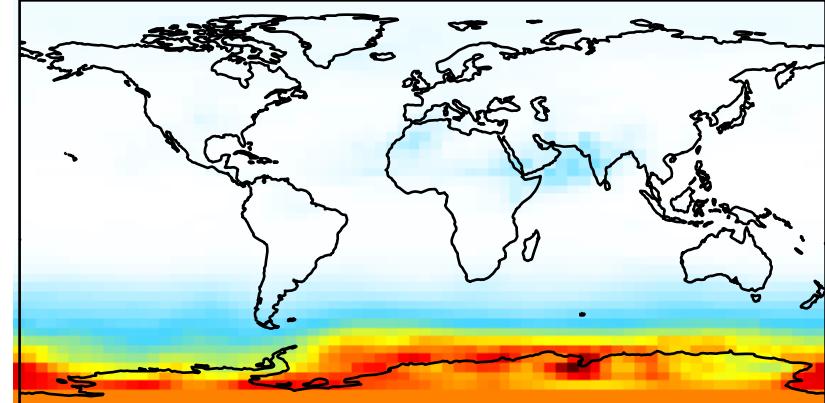
-2.0 -1.5 -1.0 -0.5 0.0 0.5 1.0 1.5 2.0
unitless

SpeciesConc_SALA

GC_12.7.0-rc.1 (Ref)
4x5



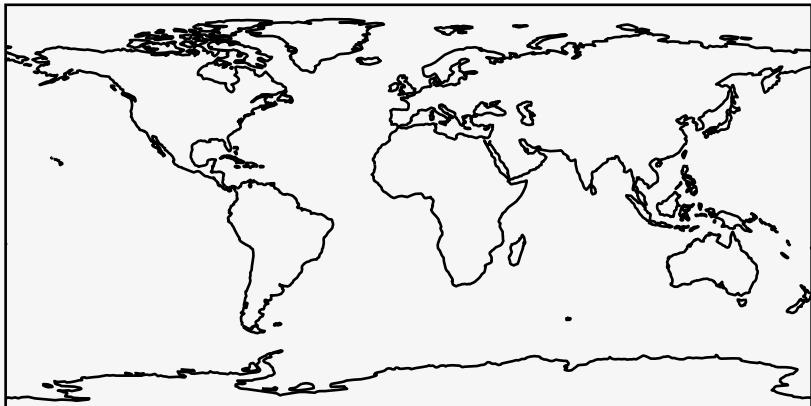
GC_12.7.0-rc.2 (Dev)
4x5



0.02 0.04 0.06 0.08 0.10
ppb

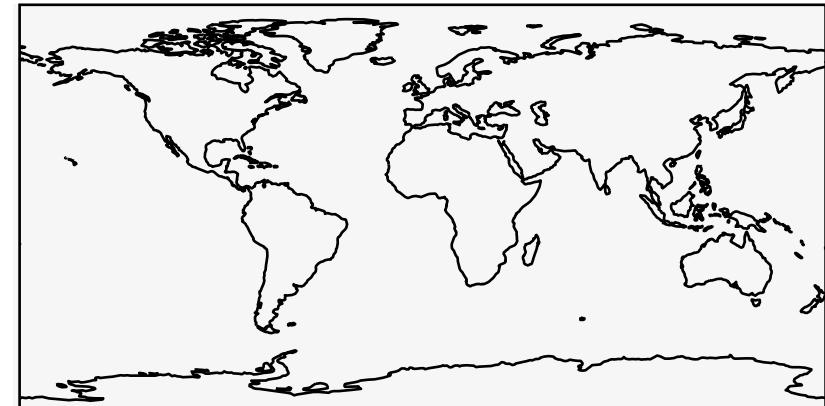
0.02 0.04 0.06 0.08 0.10
ppb

Difference
Dev - Ref, Dynamic Range



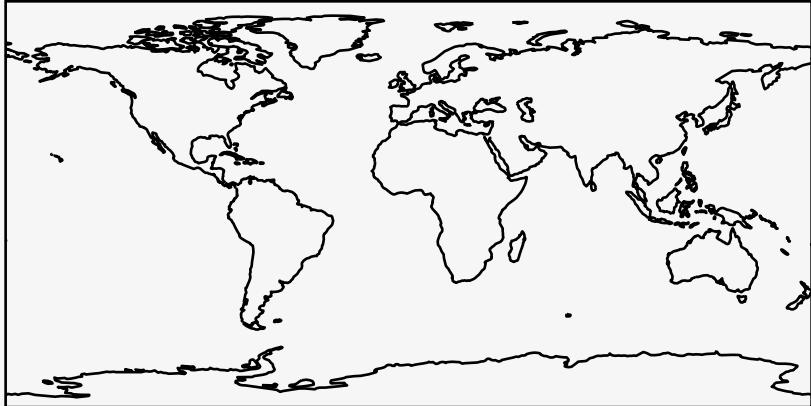
Zero throughout domain
ppb

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



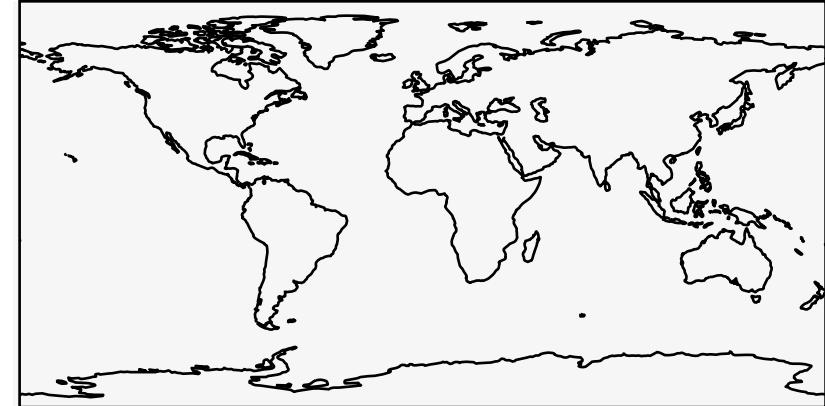
Zero throughout domain
ppb

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



Zero throughout domain
unitless

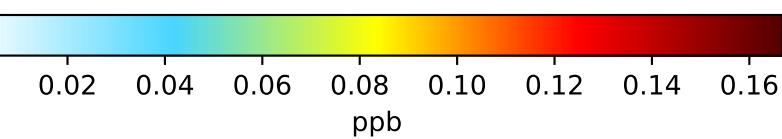
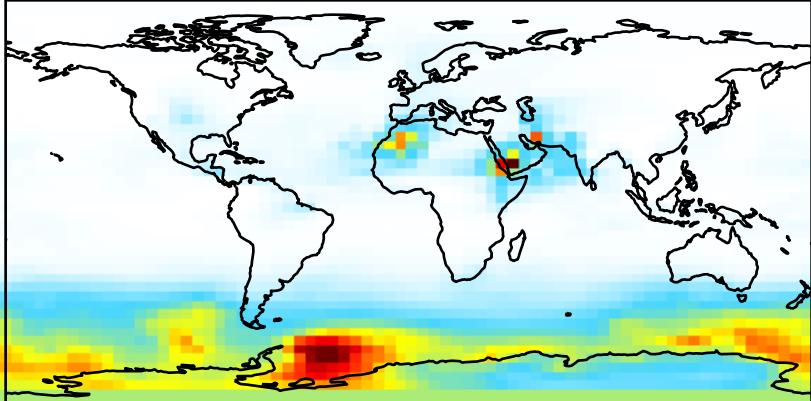
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



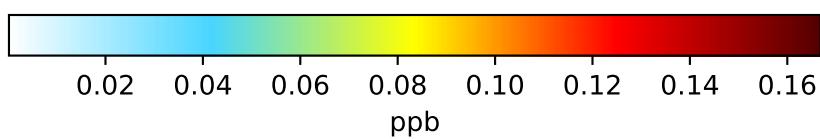
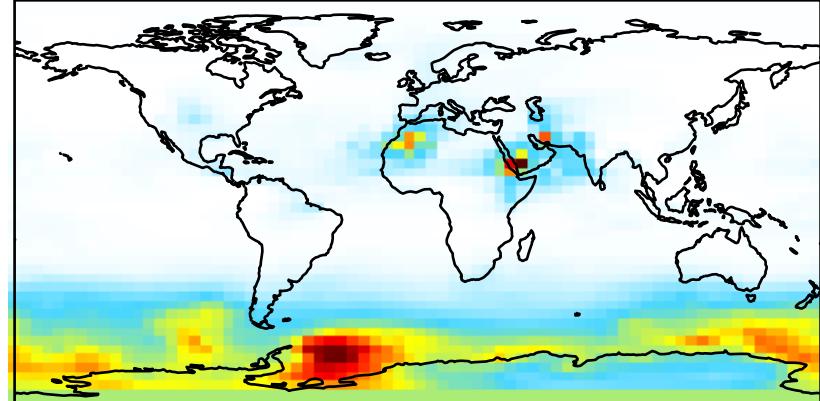
Zero throughout domain
unitless

SpeciesConc_SALC

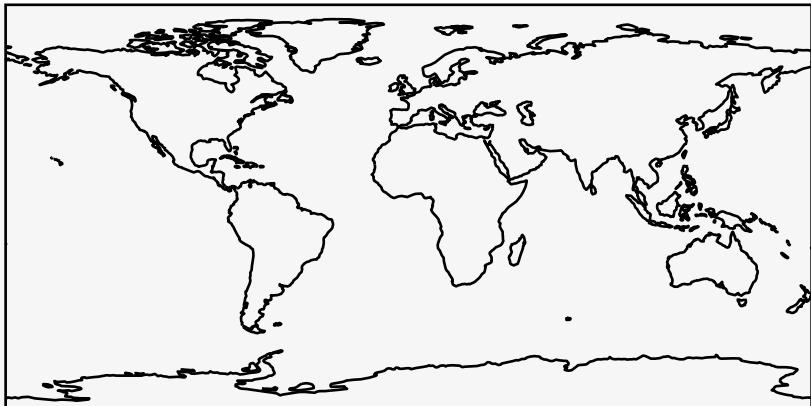
GC_12.7.0-rc.1 (Ref)
4x5



GC_12.7.0-rc.2 (Dev)
4x5

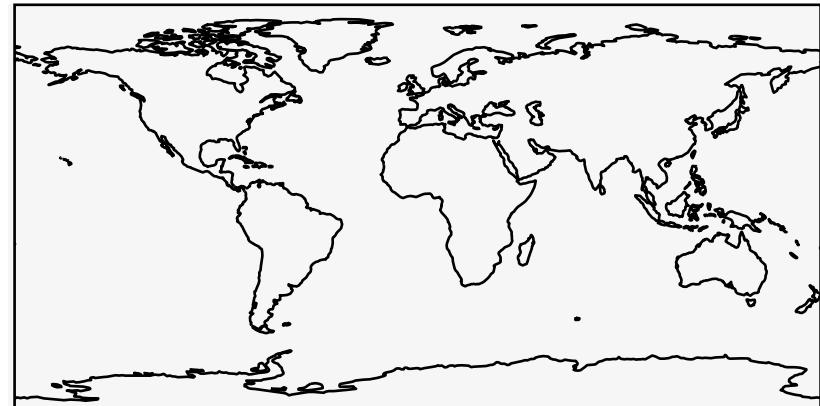


Difference
Dev - Ref, Dynamic Range



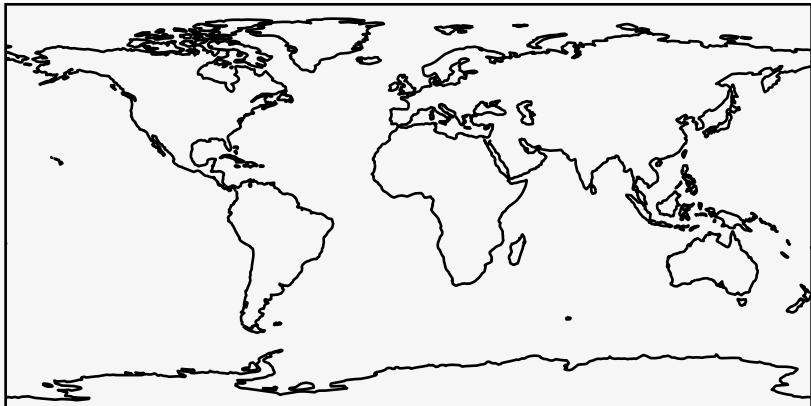
Zero throughout domain
ppb

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



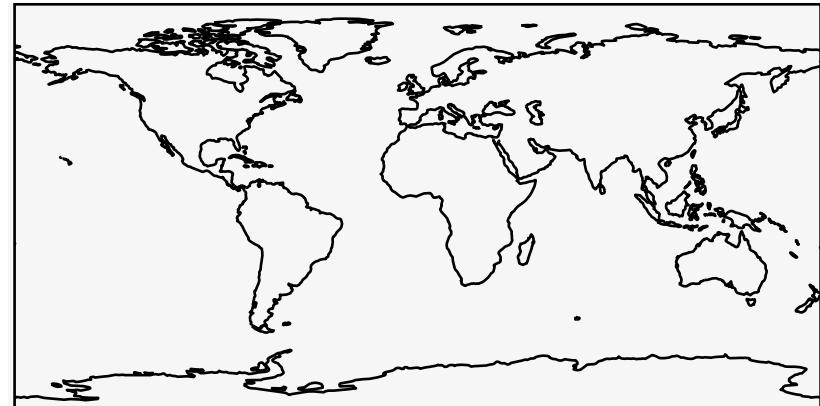
Zero throughout domain
ppb

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



Zero throughout domain
unitless

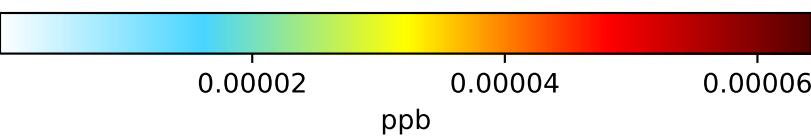
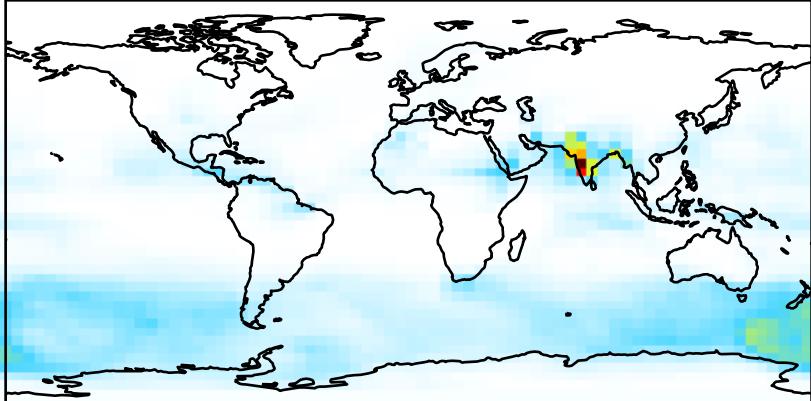
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



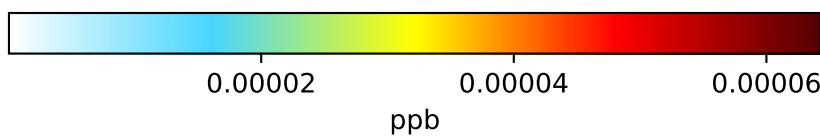
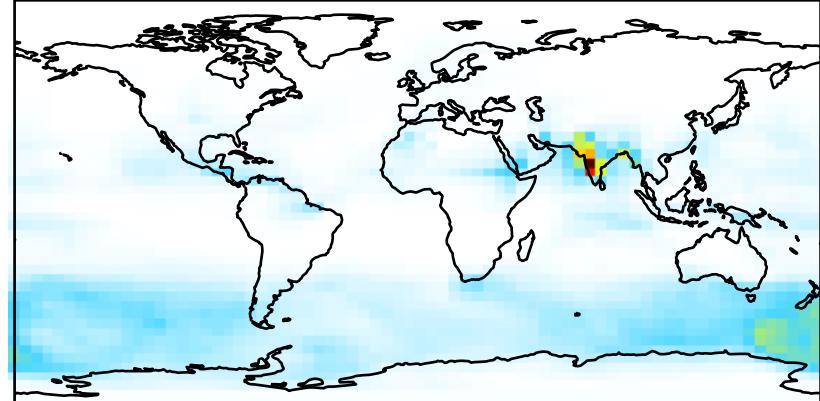
Zero throughout domain
unitless

SpeciesConc_SO4s

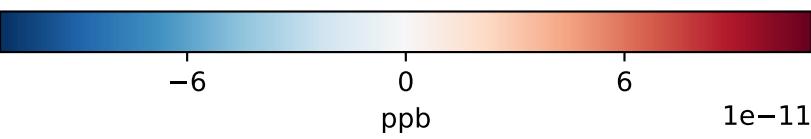
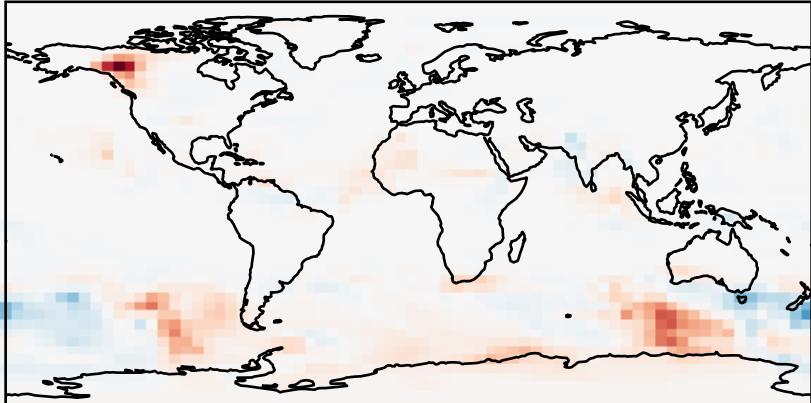
GC_12.7.0-rc.1 (Ref)
4x5



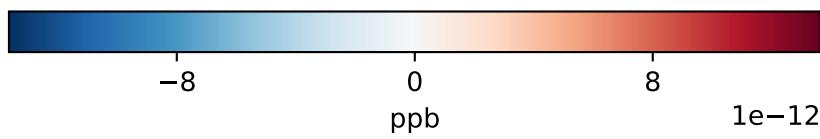
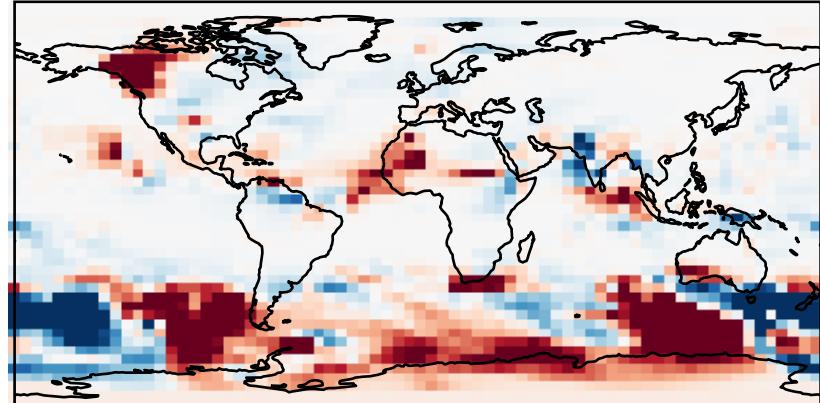
GC_12.7.0-rc.2 (Dev)
4x5



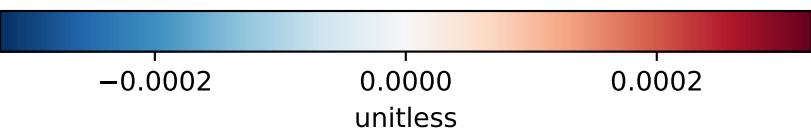
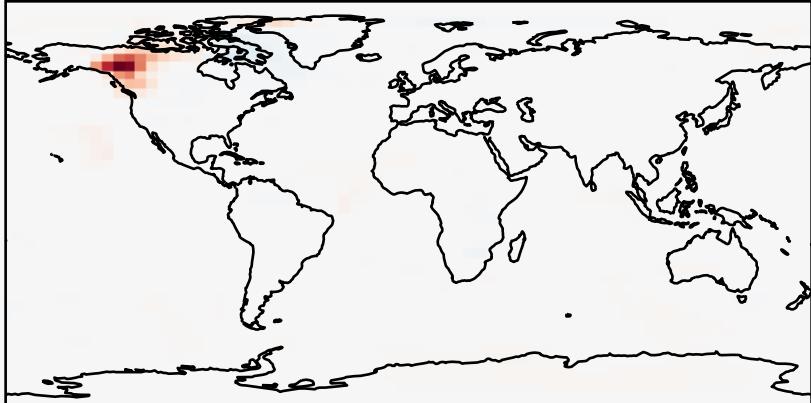
Difference
Dev - Ref, Dynamic Range



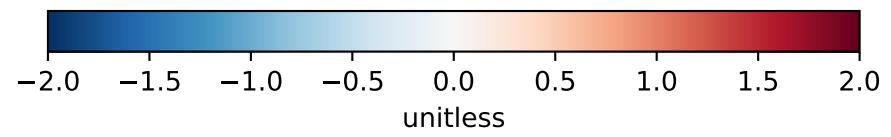
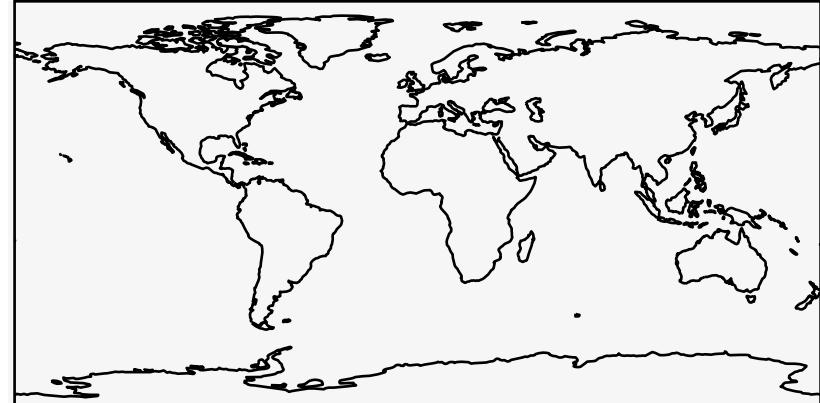
Difference
Dev - Ref, Restricted Range [5%,95%]



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

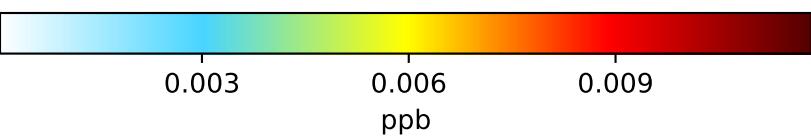
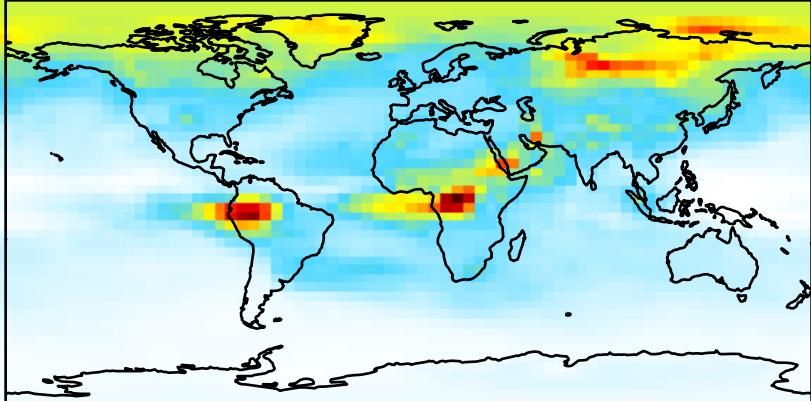


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

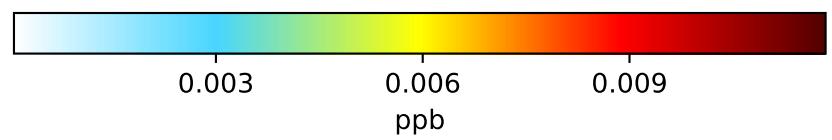
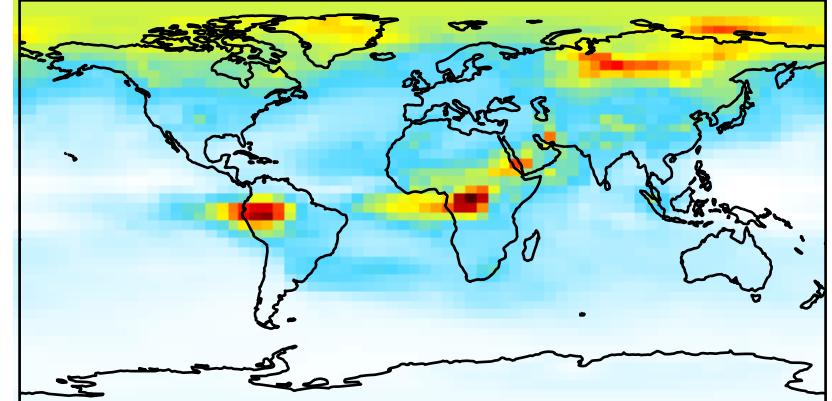


SpeciesConc_Complex_SOA

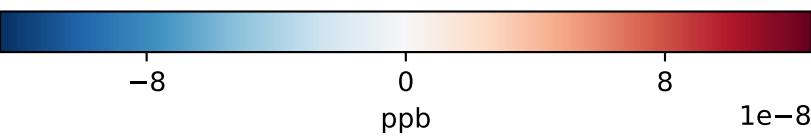
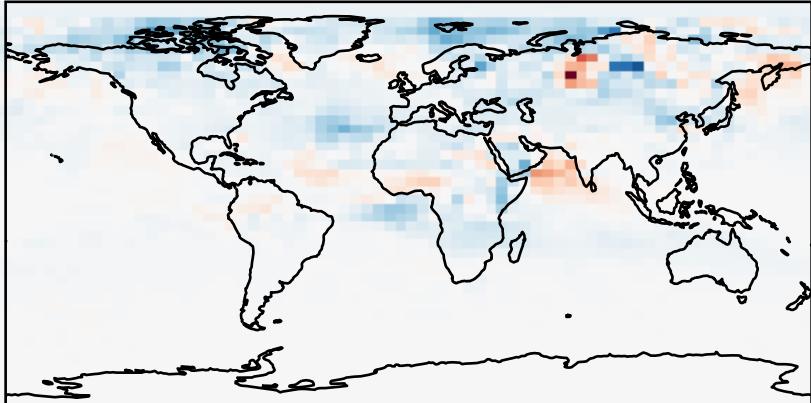
GC_12.7.0-rc.1 (Ref)
4x5



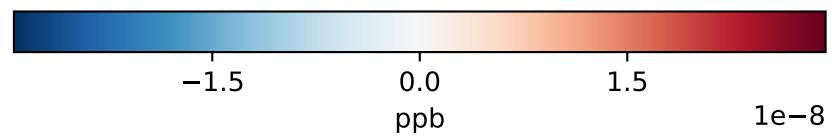
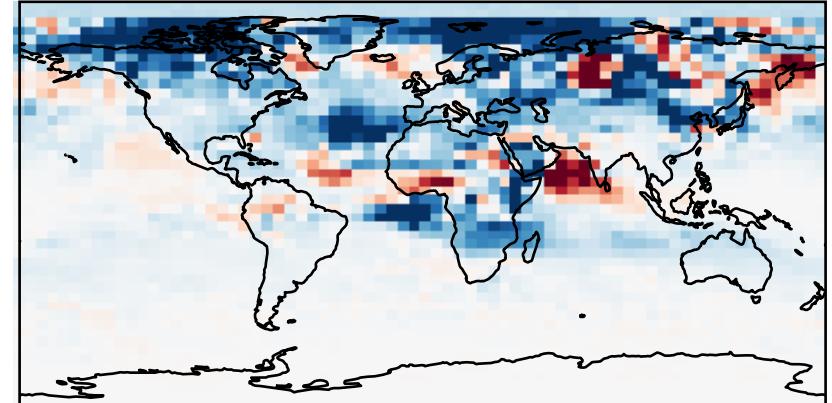
GC_12.7.0-rc.2 (Dev)
4x5



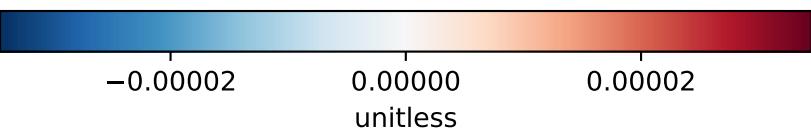
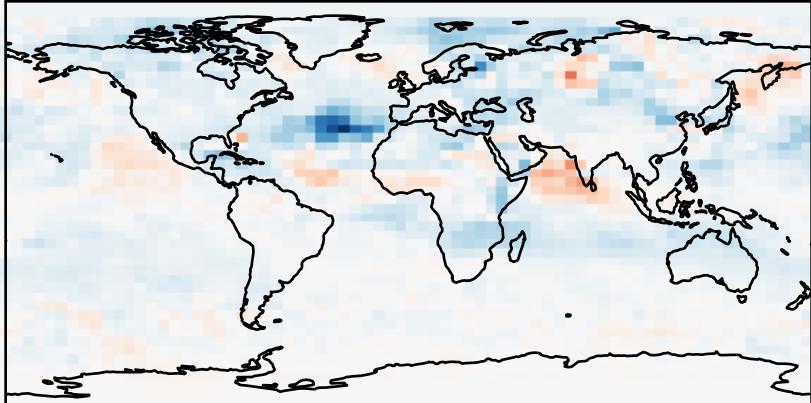
Difference
Dev - Ref, Dynamic Range



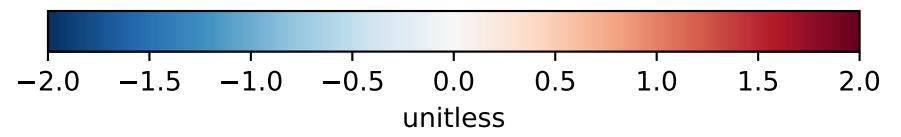
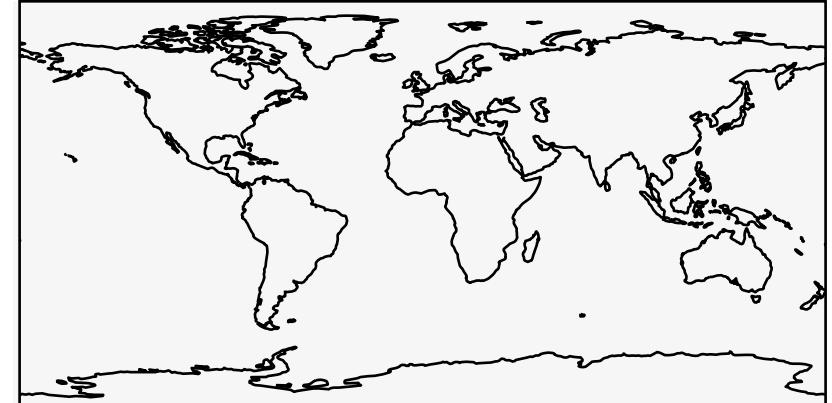
Difference
Dev - Ref, Restricted Range [5%,95%]



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

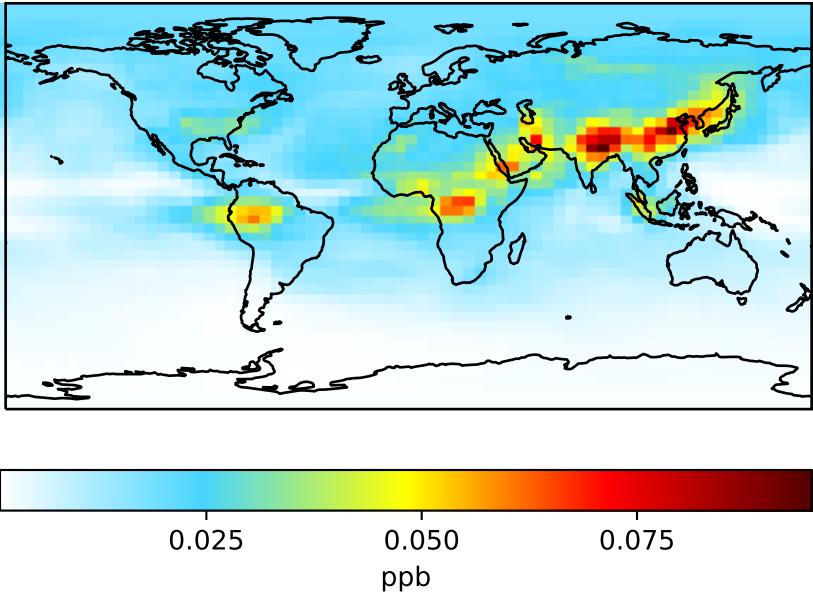


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

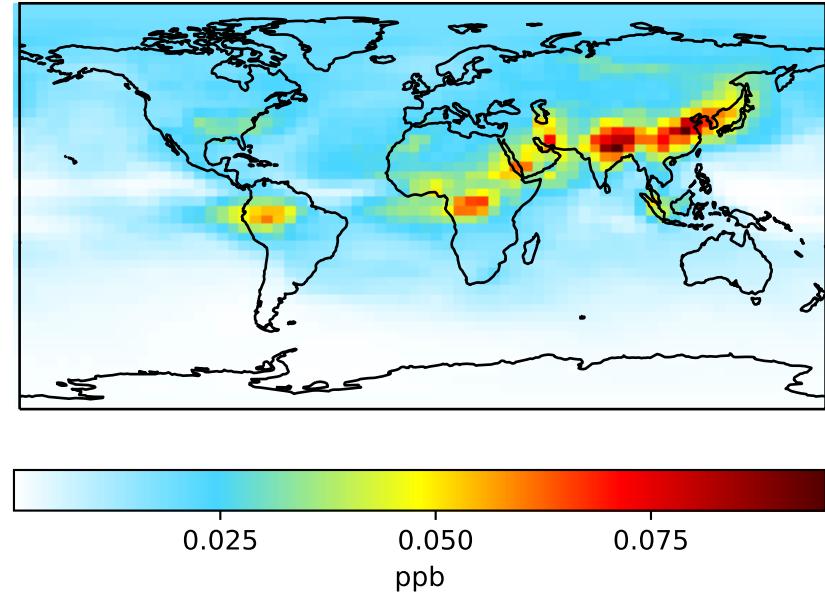


SpeciesConc_Simple_SOA

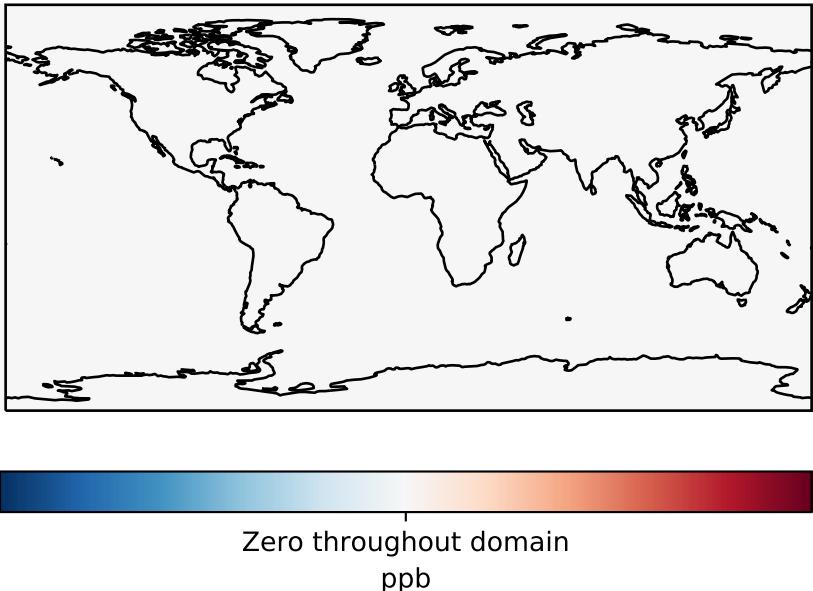
GC_12.7.0-rc.1 (Ref)
4x5



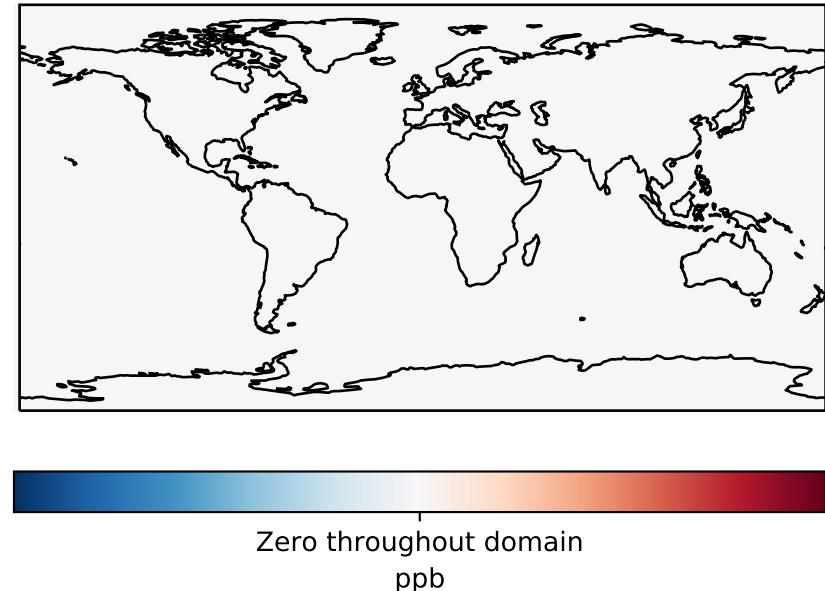
GC_12.7.0-rc.2 (Dev)
4x5



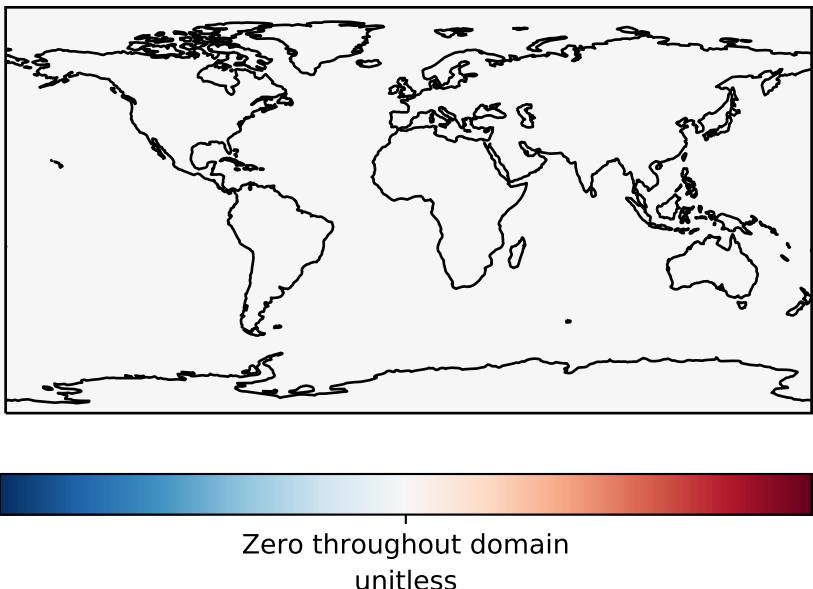
Difference
Dev - Ref, Dynamic Range



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



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



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

