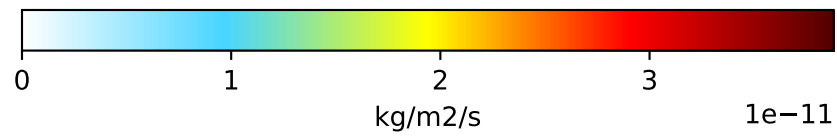
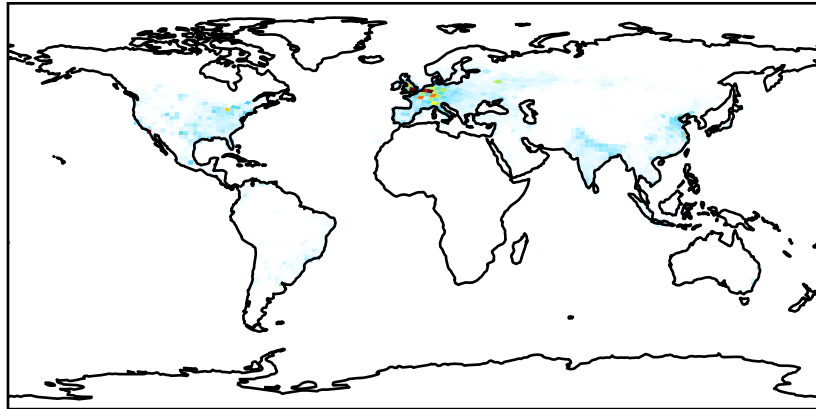
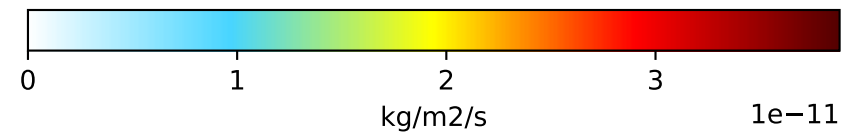
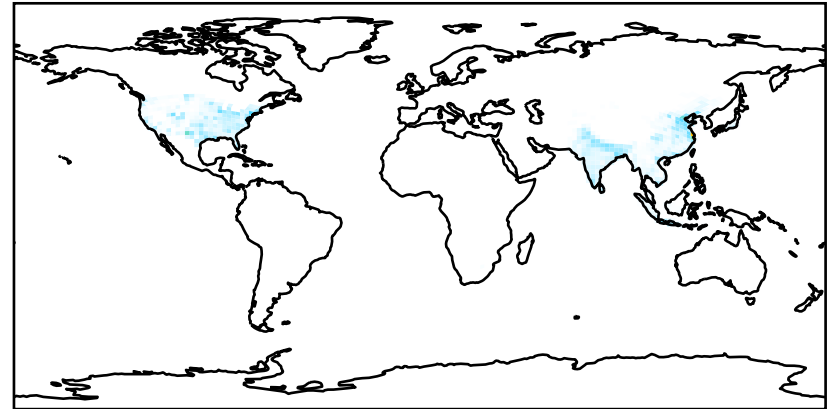


EmisACET_Anthro

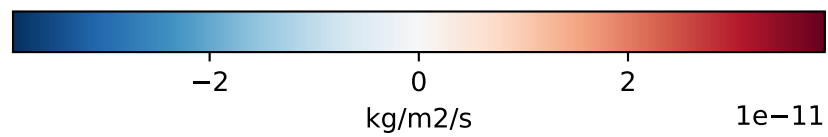
GCHP_12.4.0 (Ref)
c48



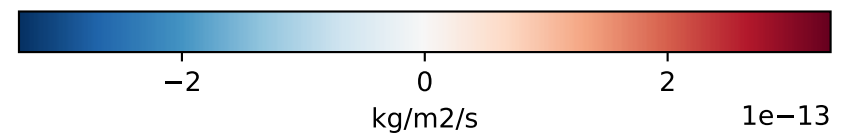
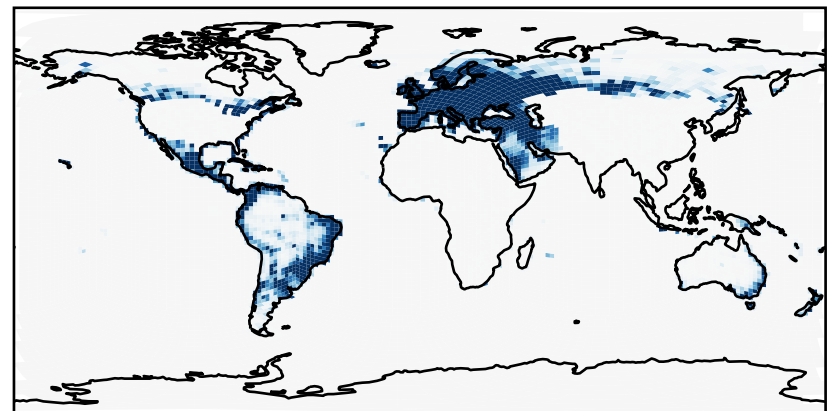
GCHP_12.5.0 (Dev)
c48



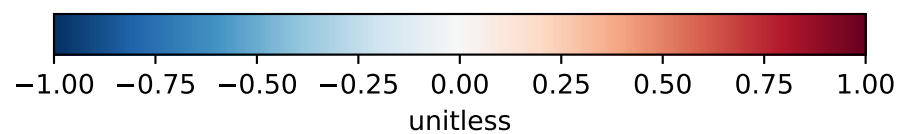
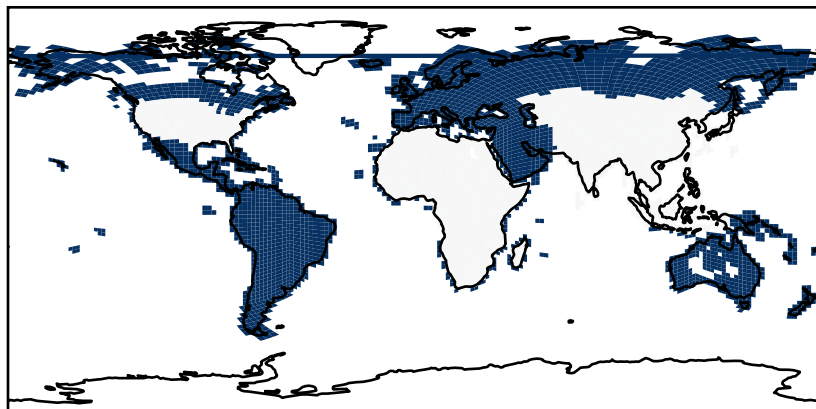
Difference
Dev - Ref, Dynamic Range



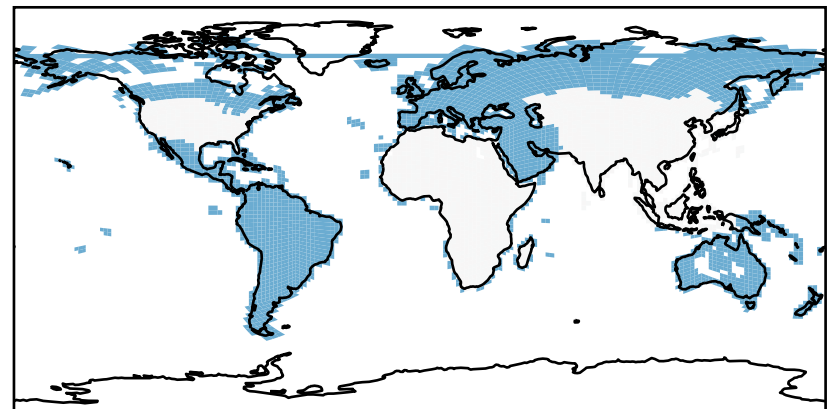
Difference
Dev - Ref, Restricted Range [5%,95%]



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

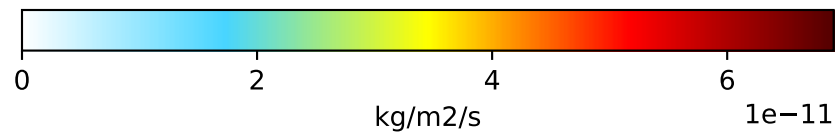
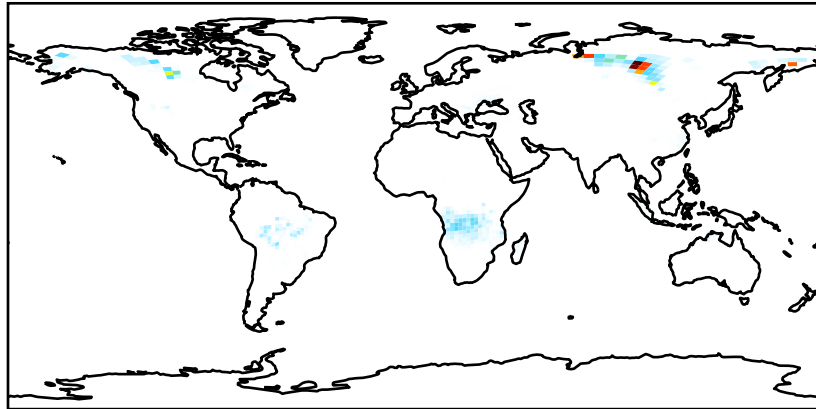


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

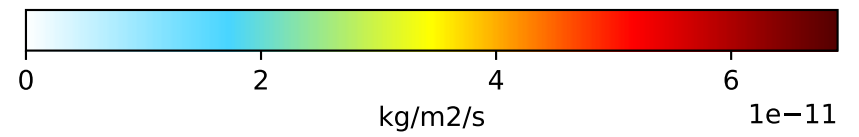
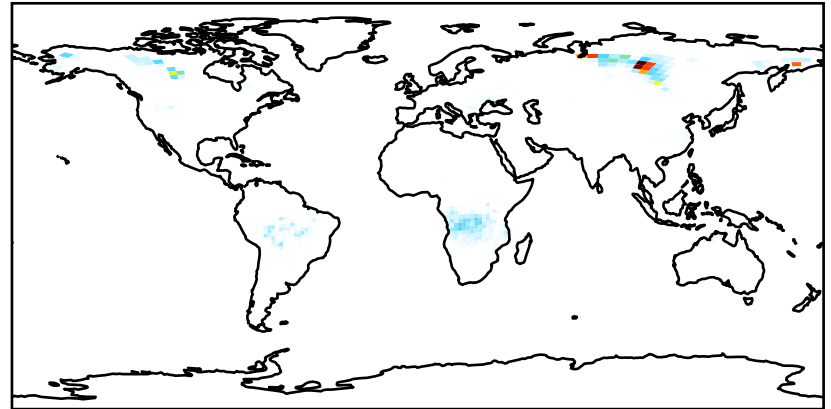


EmisACET_BioBurn

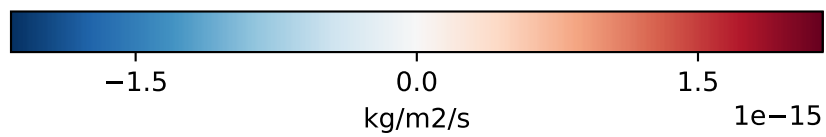
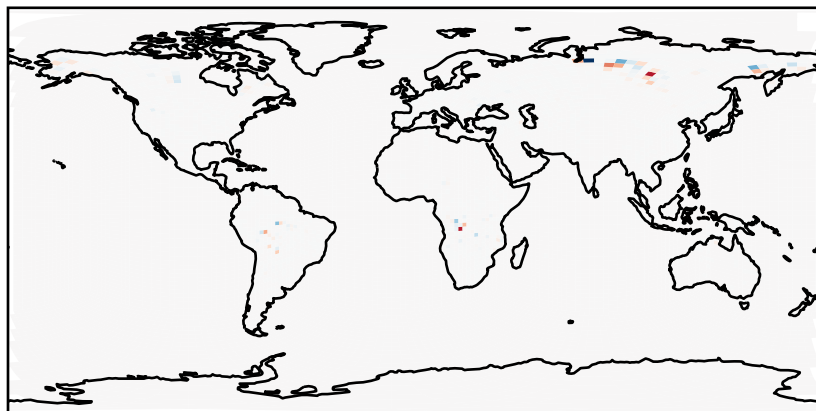
GCHP_12.4.0 (Ref)
c48



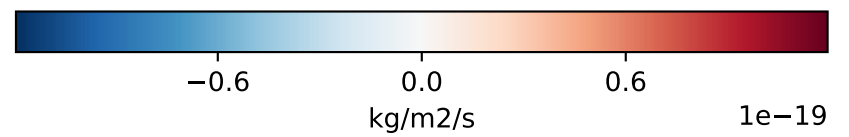
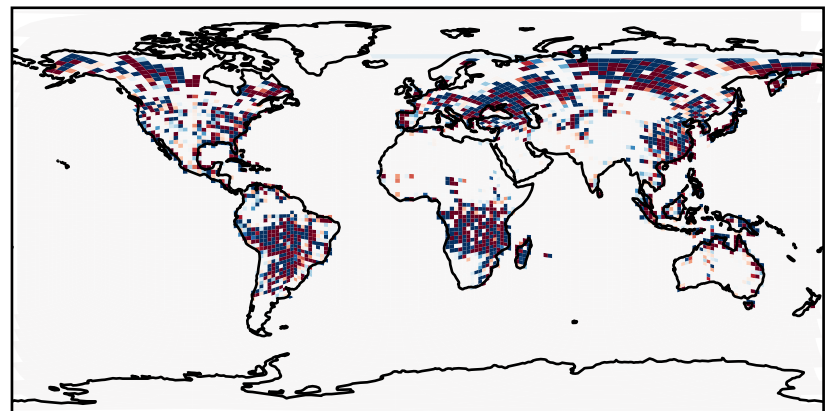
GCHP_12.5.0 (Dev)
c48



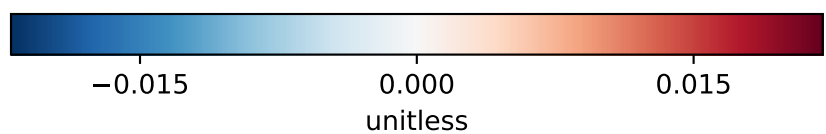
Difference
Dev - Ref, Dynamic Range



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



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

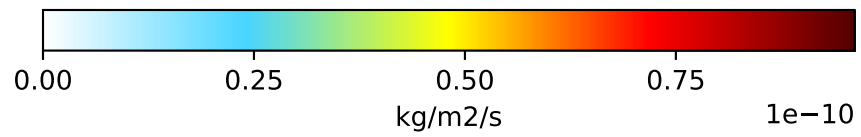
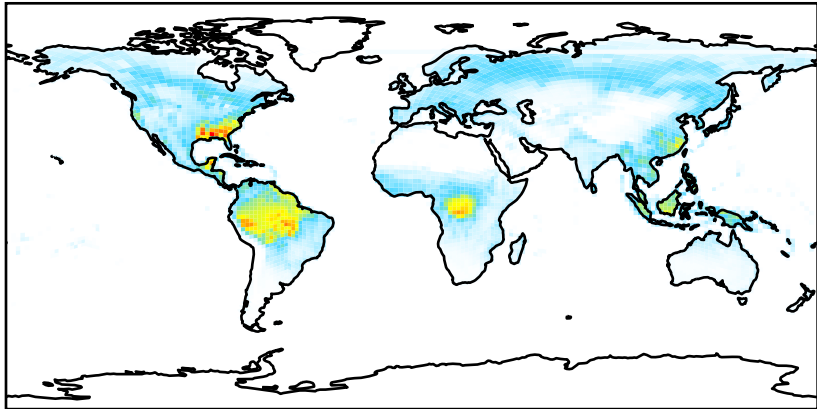


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

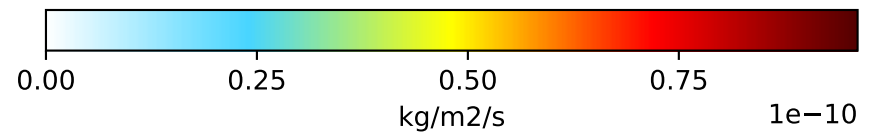
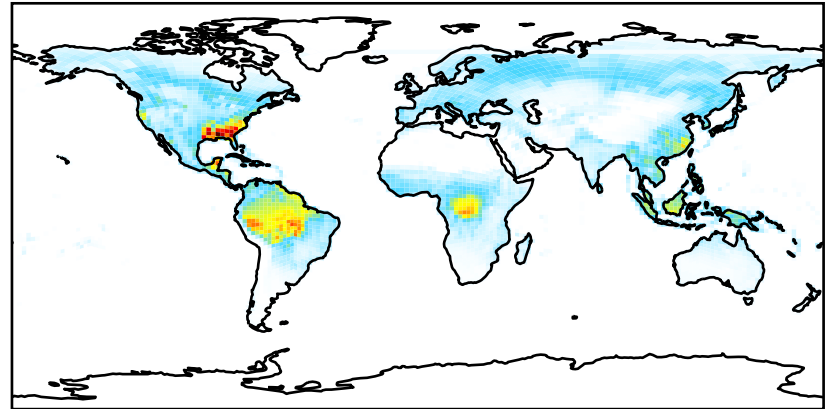


EmisACET_Biogenic

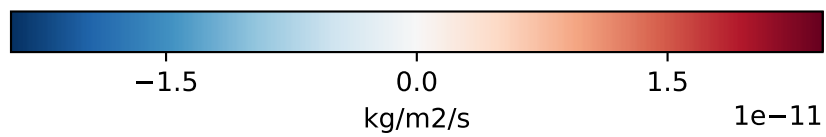
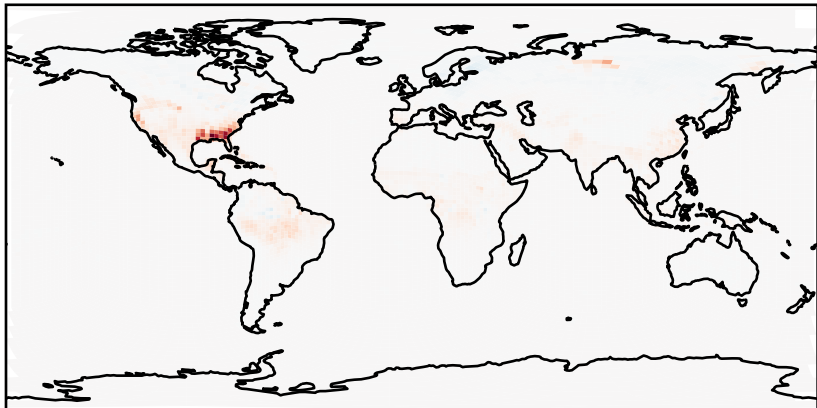
GCHP_12.4.0 (Ref)
c48



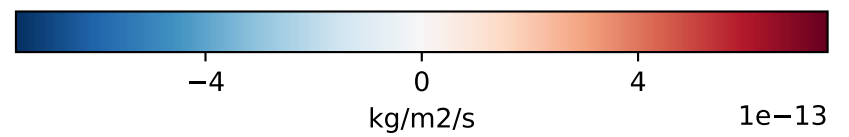
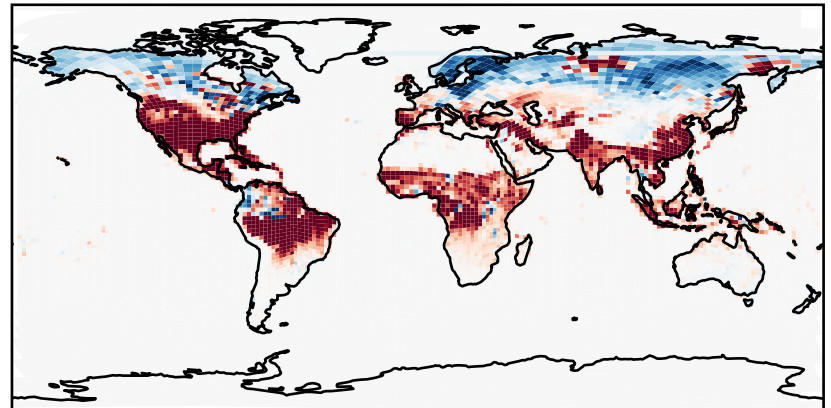
GCHP_12.5.0 (Dev)
c48



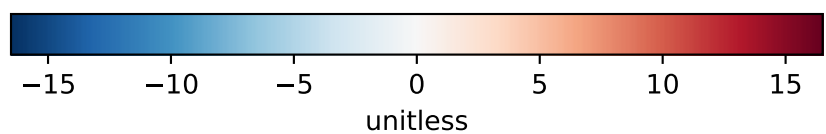
Difference
Dev - Ref, Dynamic Range



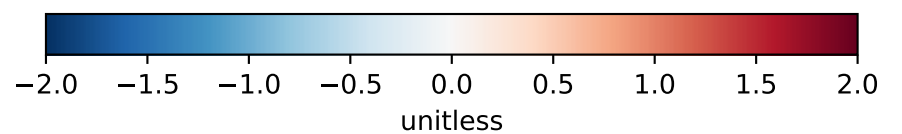
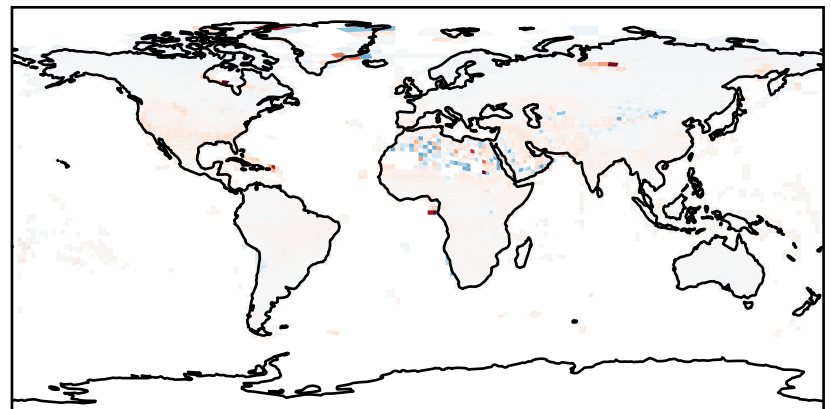
Difference
Dev - Ref, Restricted Range [5%,95%]



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

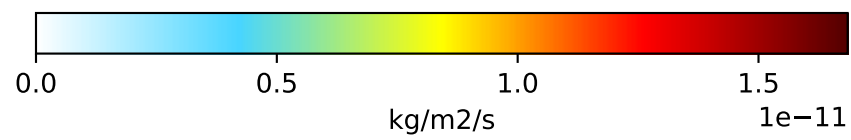
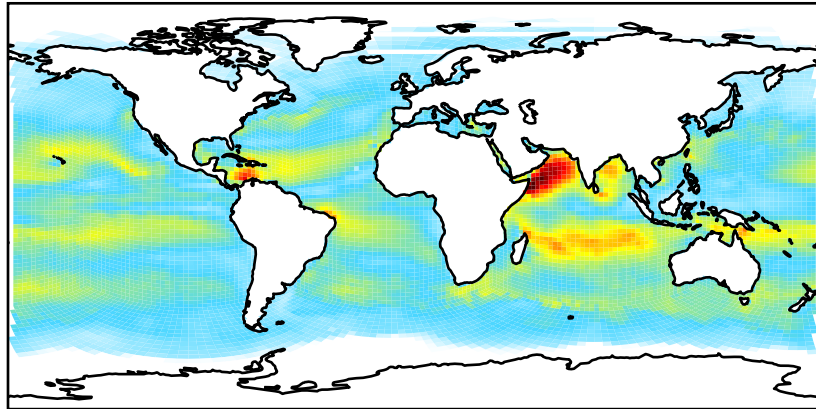


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

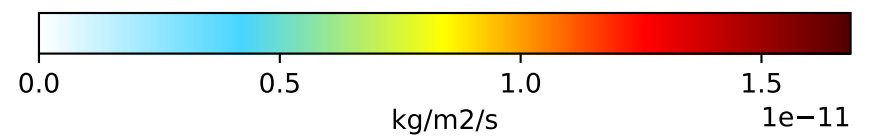
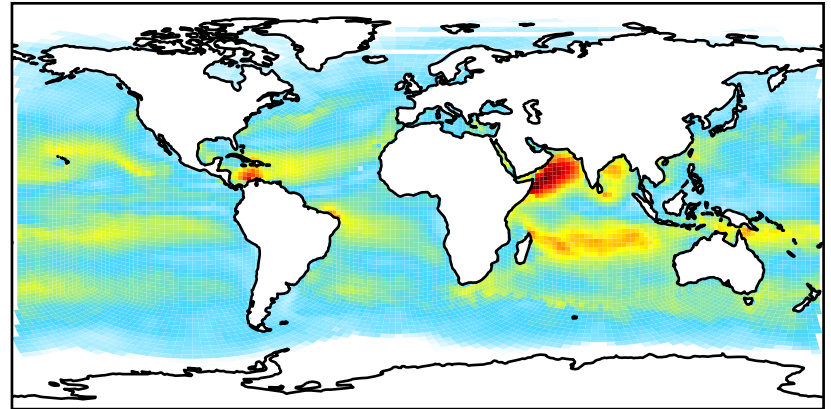


EmisACET_Ocean

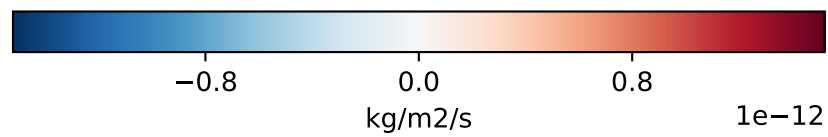
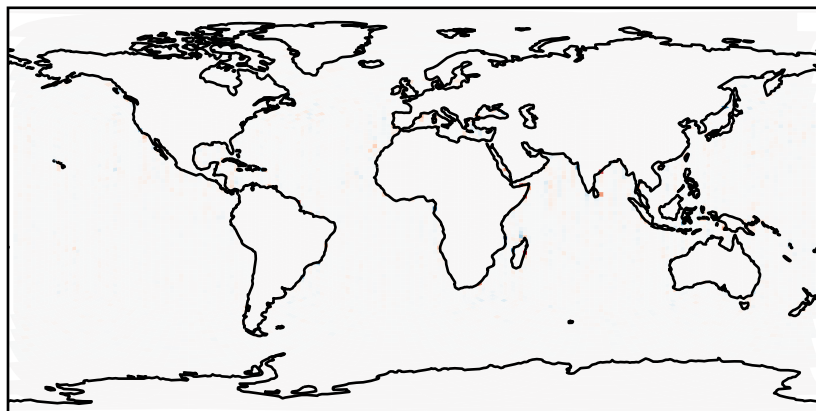
GCHP_12.4.0 (Ref)
c48



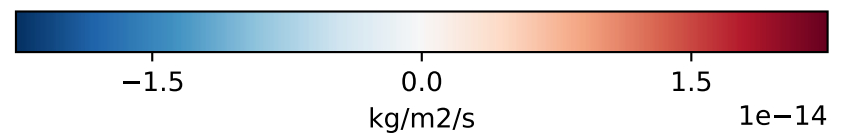
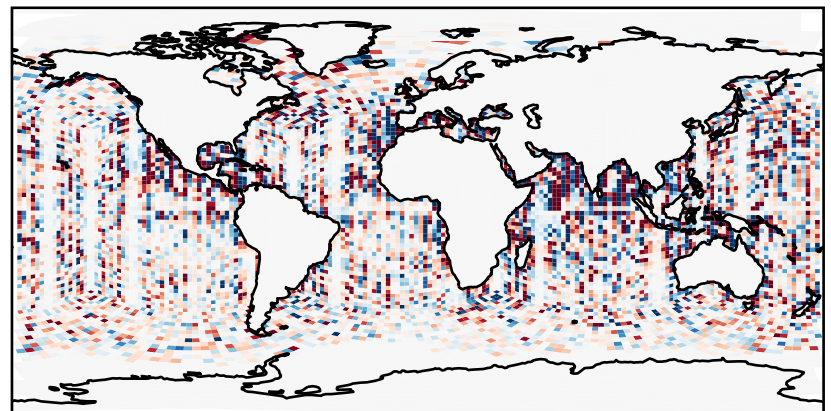
GCHP_12.5.0 (Dev)
c48



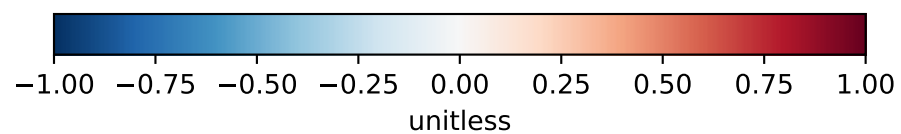
Difference
Dev - Ref, Dynamic Range



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



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

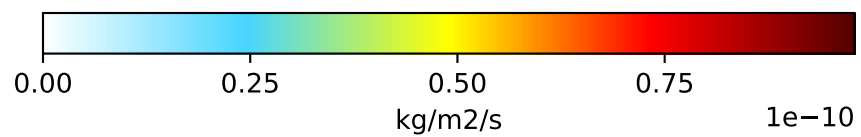
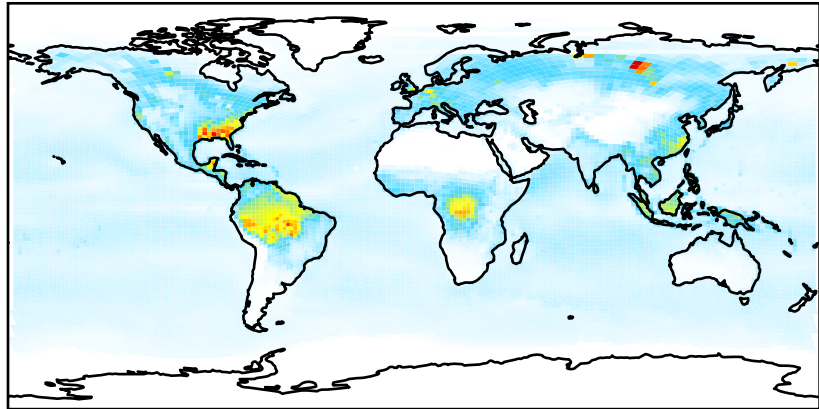


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

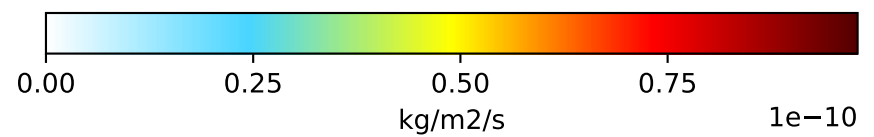
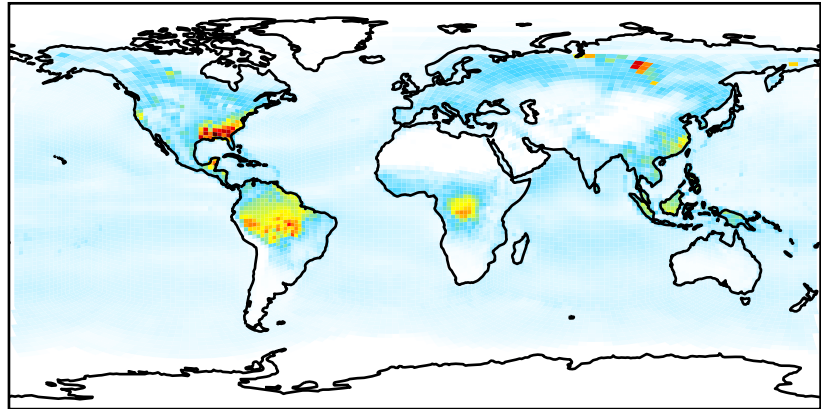


EmisACET_Total

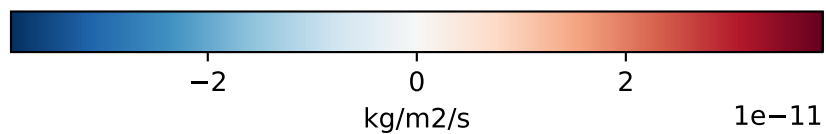
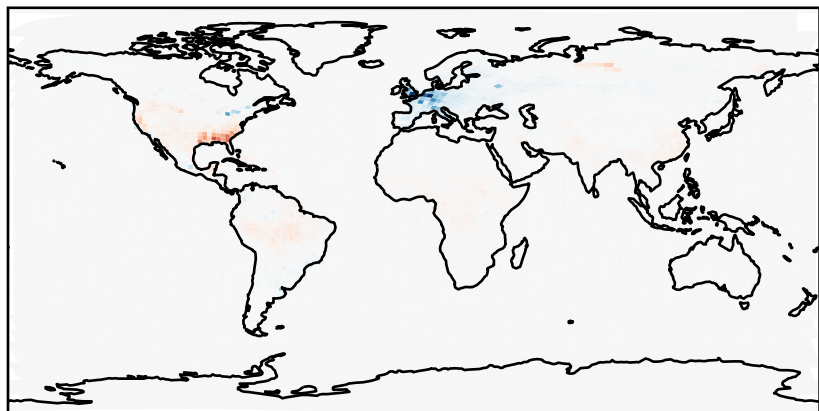
GCHP_12.4.0 (Ref)
c48



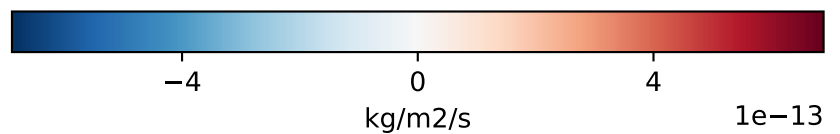
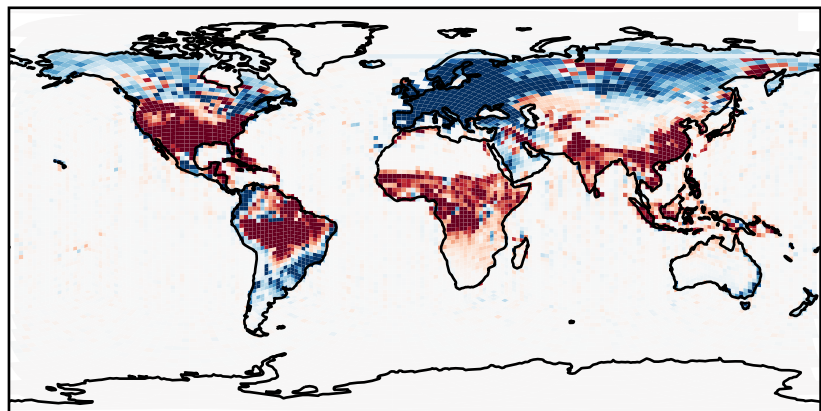
GCHP_12.5.0 (Dev)
c48



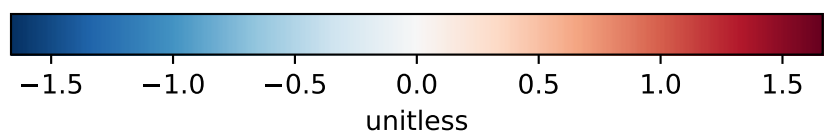
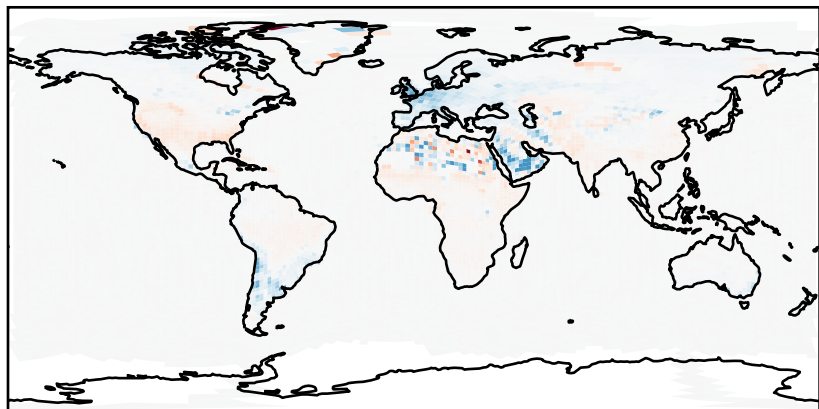
Difference
Dev - Ref, Dynamic Range



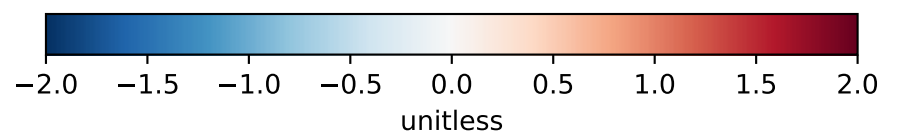
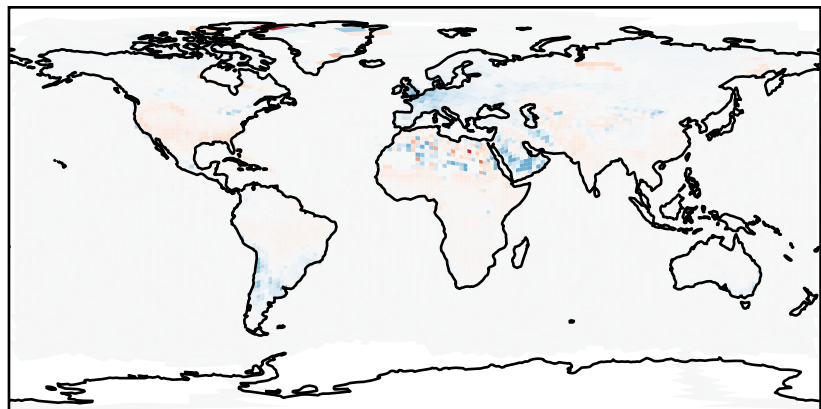
Difference
Dev - Ref, Restricted Range [5%,95%]



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

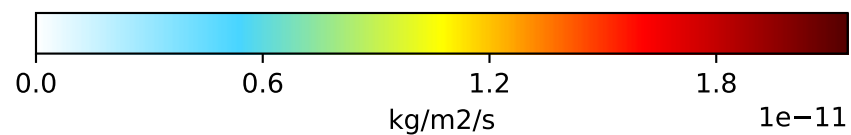
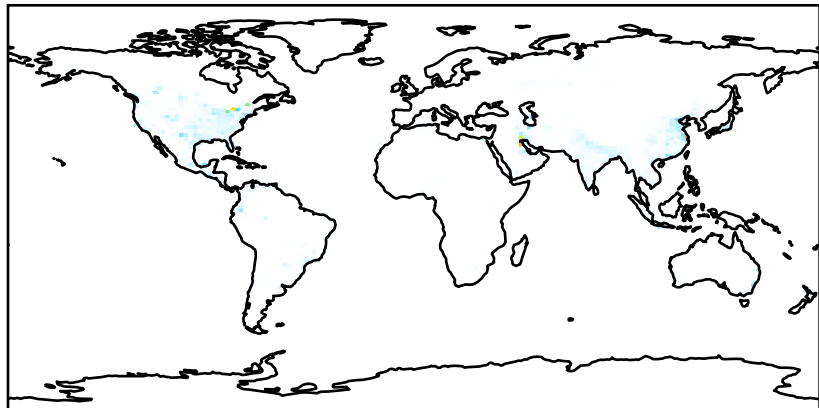


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

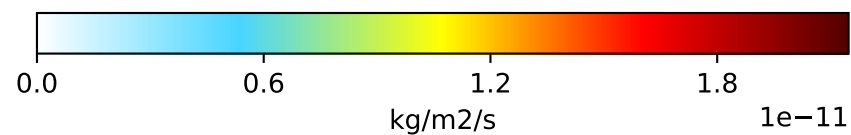
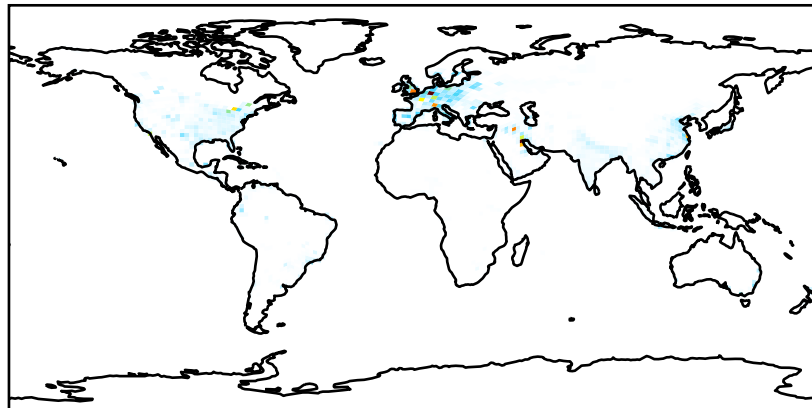


EmisMEK_Anthro

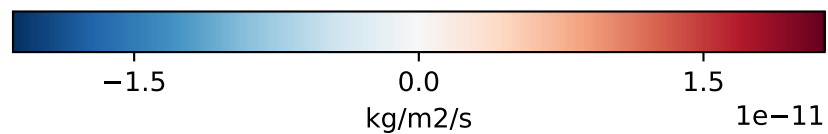
GCHP_12.4.0 (Ref)
c48



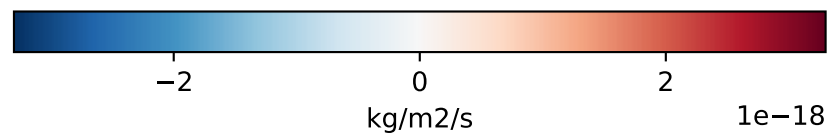
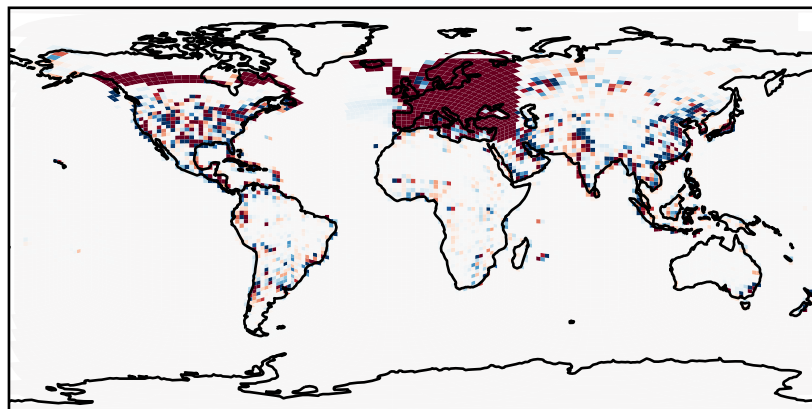
GCHP_12.5.0 (Dev)
c48



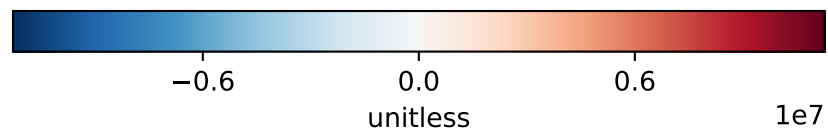
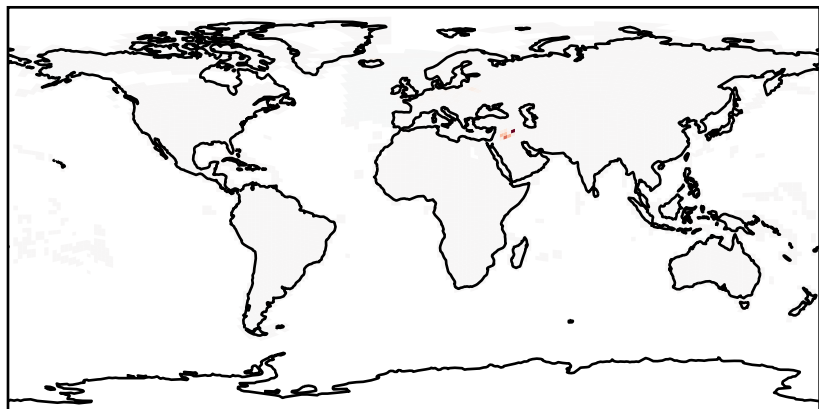
Difference
Dev - Ref, Dynamic Range



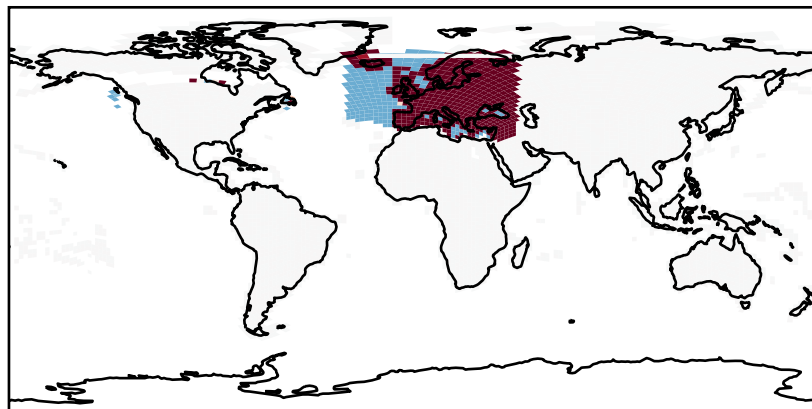
Difference
Dev - Ref, Restricted Range [5%,95%]



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

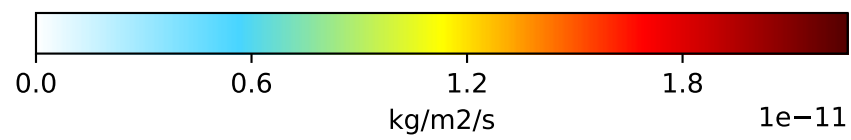
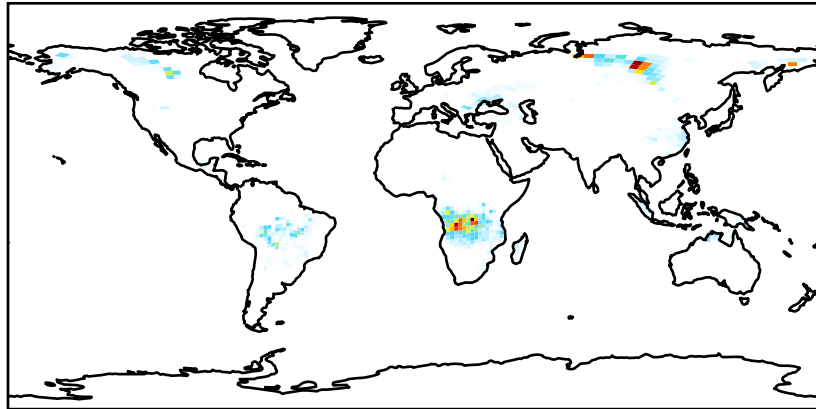


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

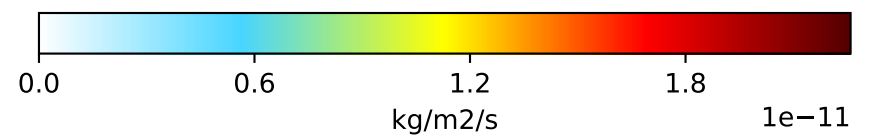
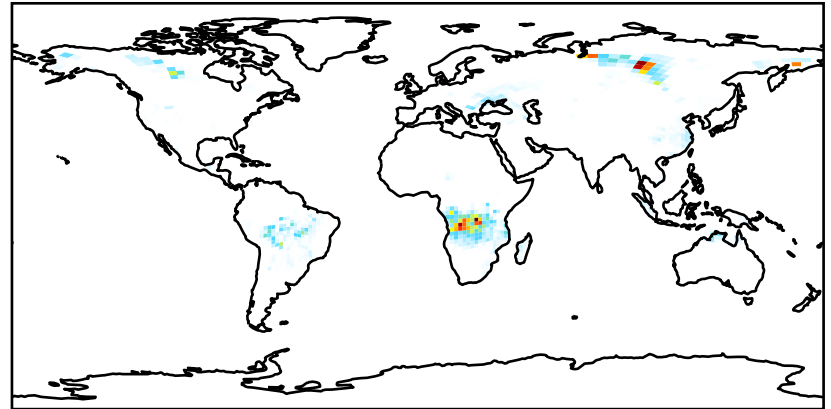


EmisMEK_BioBurn

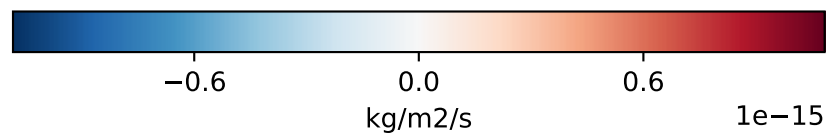
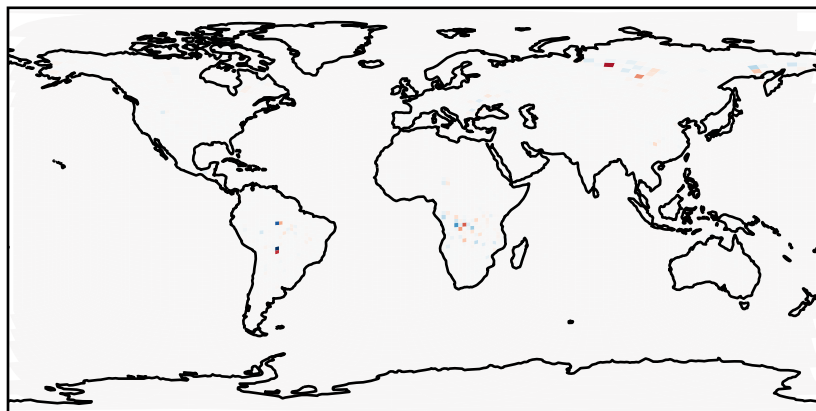
GCHP_12.4.0 (Ref)
c48



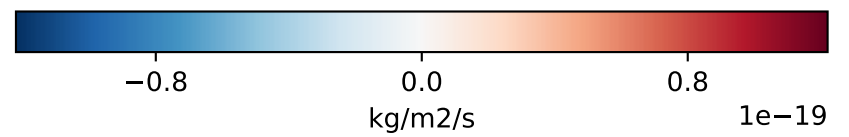
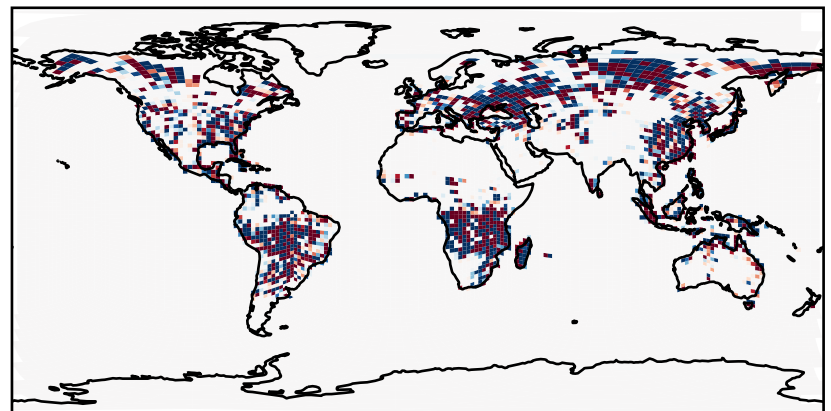
GCHP_12.5.0 (Dev)
c48



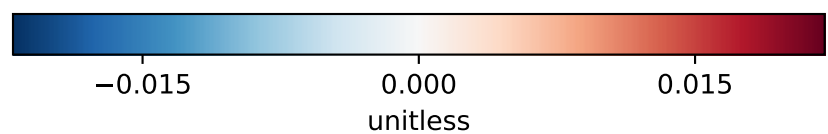
Difference
Dev - Ref, Dynamic Range



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



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



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



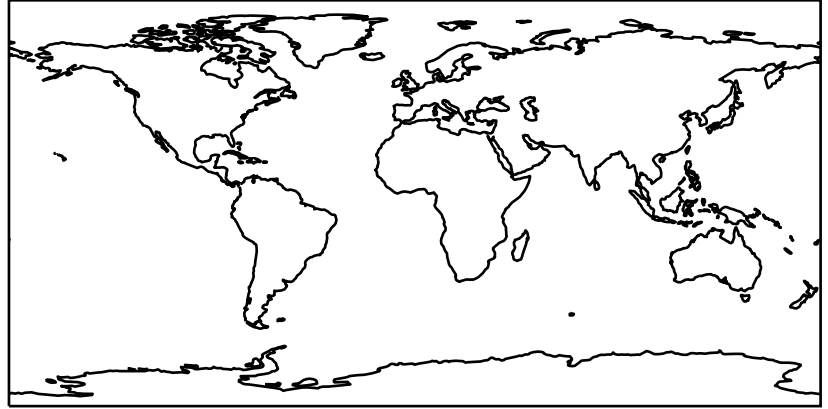
EmisMEK_Ship

GCHP_12.4.0 (Ref)
c48



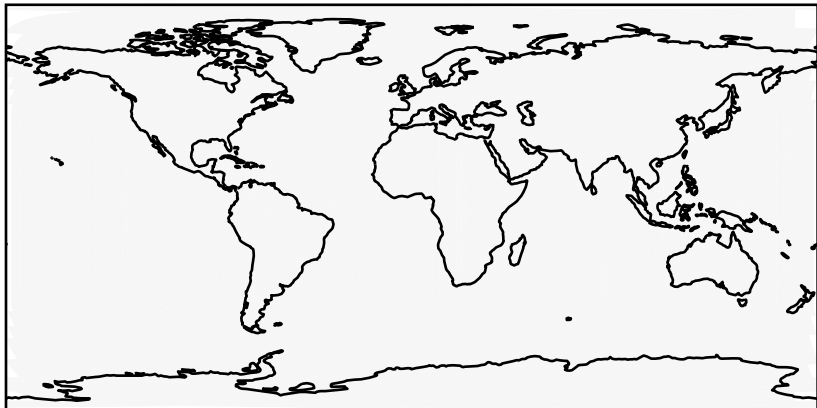
Zero throughout domain
kg/m2/s

GCHP_12.5.0 (Dev)
c48



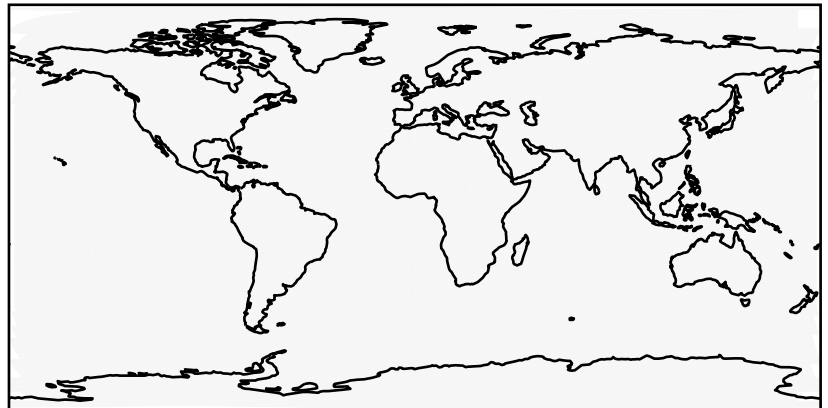
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



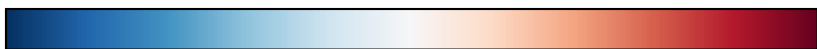
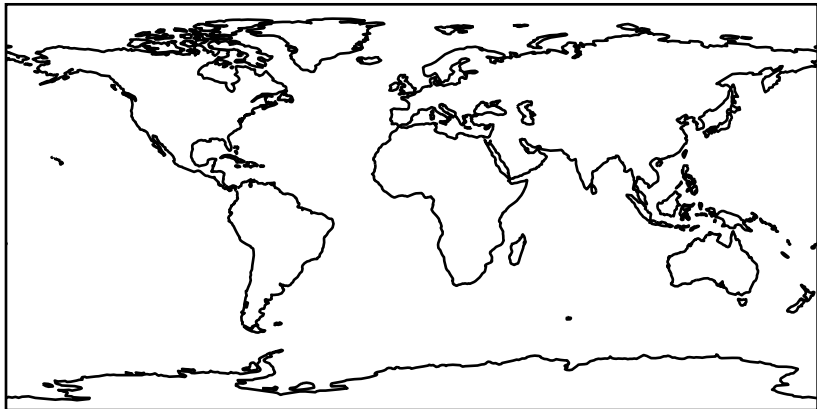
Zero throughout domain
kg/m2/s

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



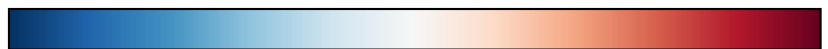
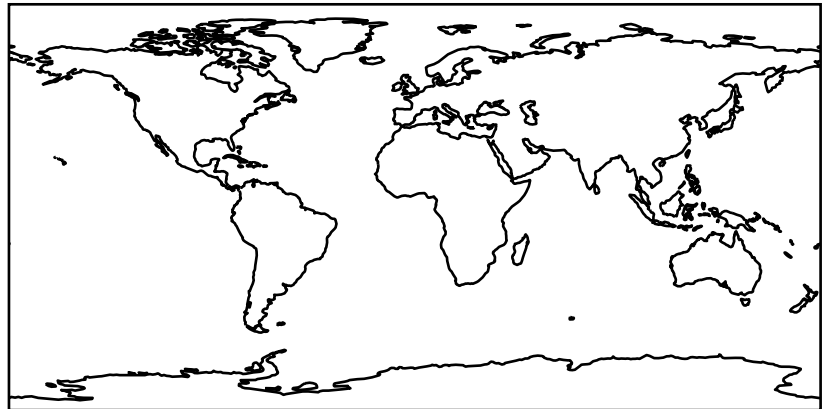
Zero throughout domain
kg/m2/s

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



Undefined throughout domain
unitless

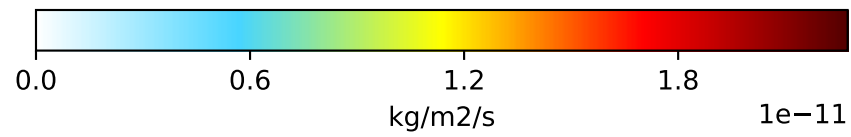
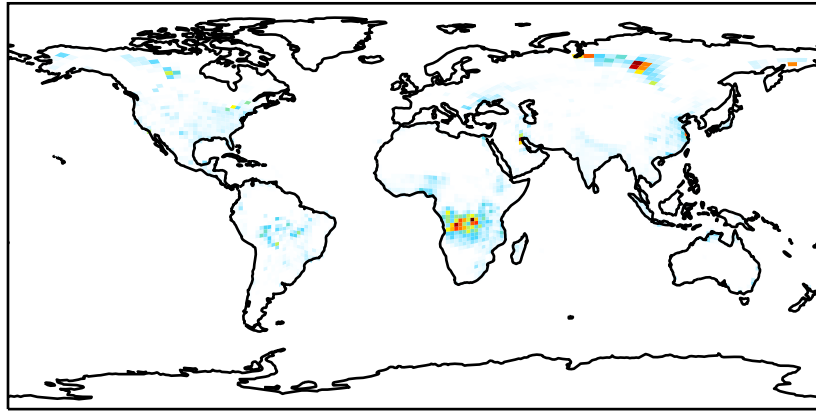
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



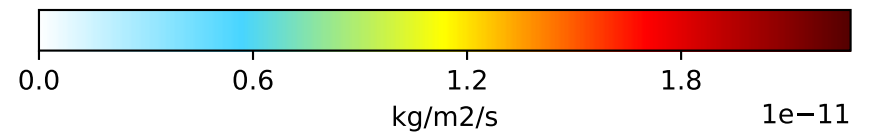
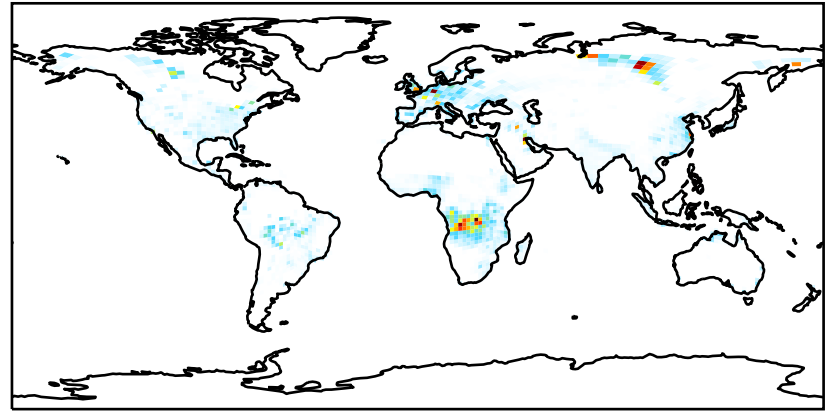
Undefined throughout domain
unitless

EmisMEK_Total

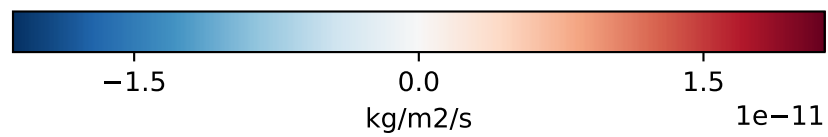
GCHP_12.4.0 (Ref)
c48



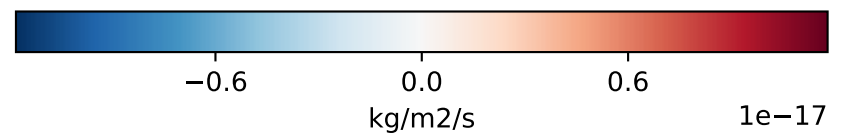
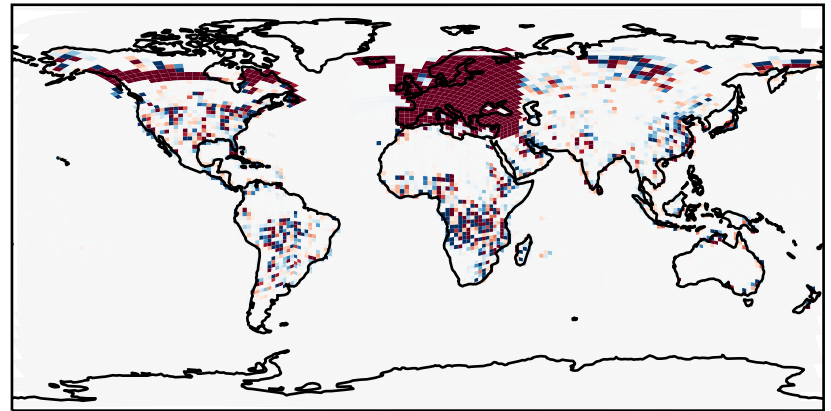
GCHP_12.5.0 (Dev)
c48



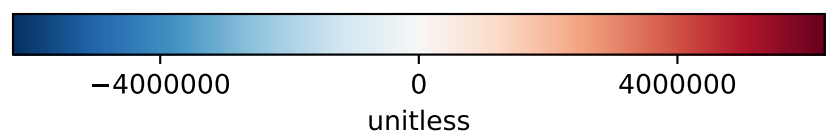
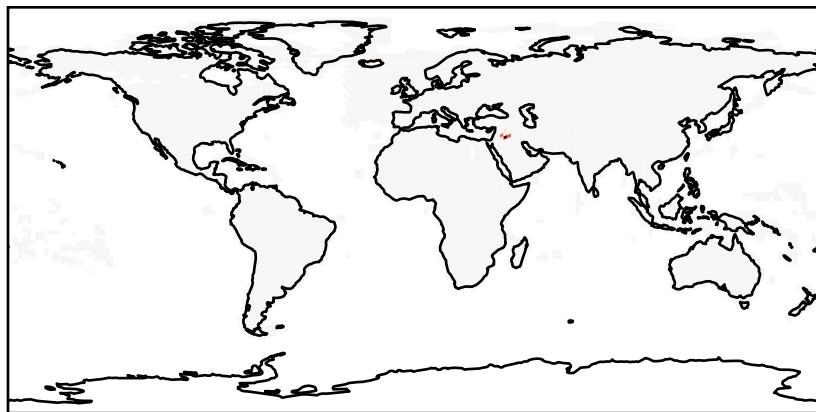
Difference
Dev - Ref, Dynamic Range



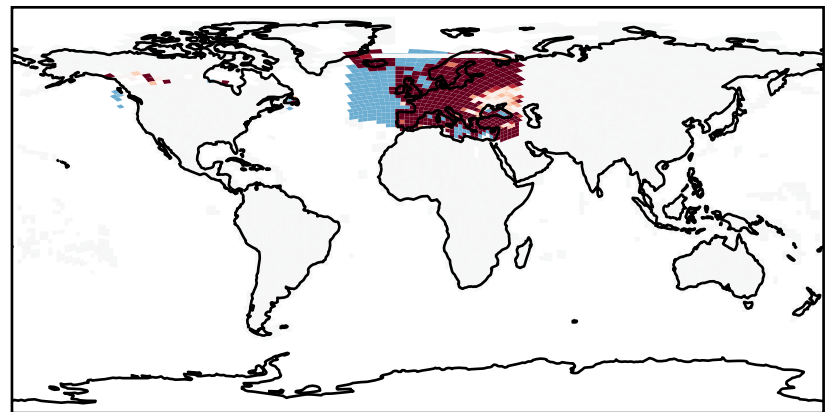
Difference
Dev - Ref, Restricted Range [5%,95%]



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

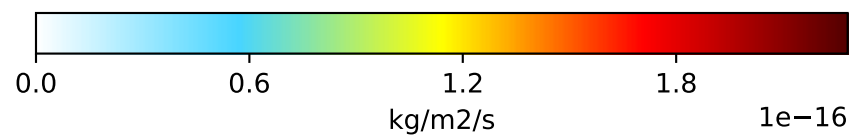
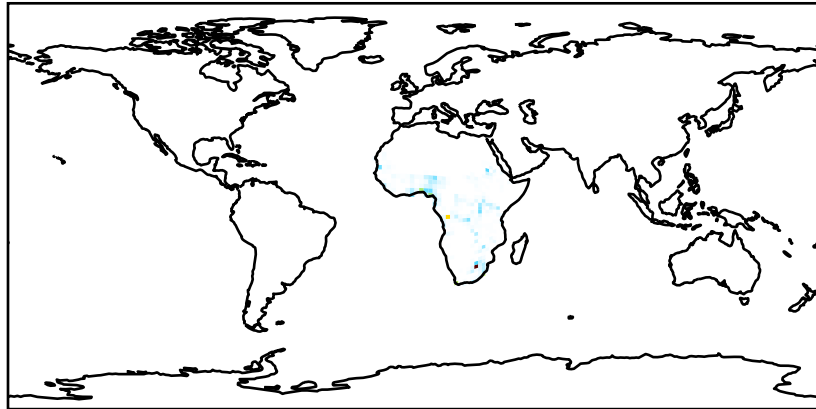


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

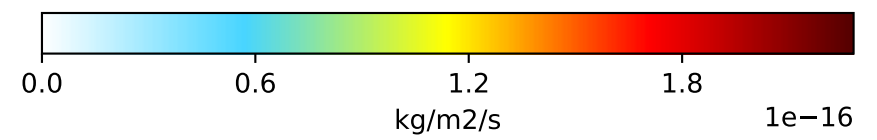
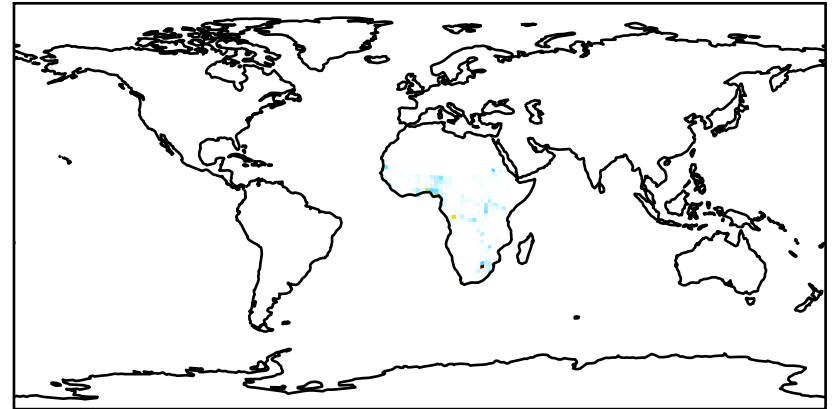


EmisMVK_Anthro

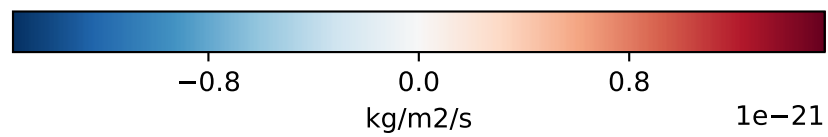
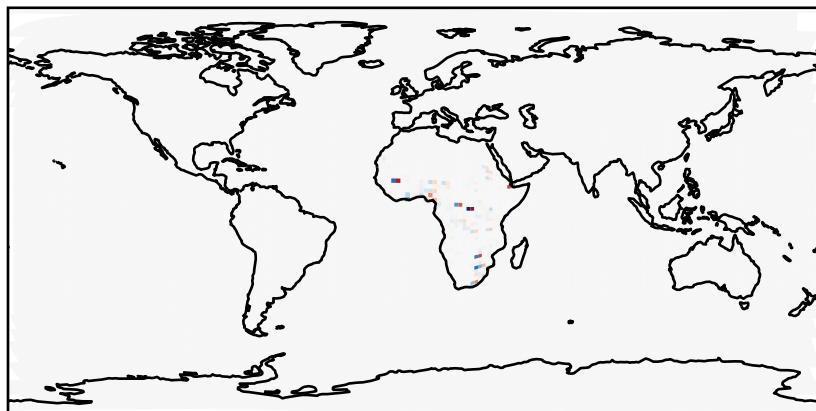
GCHP_12.4.0 (Ref)
c48



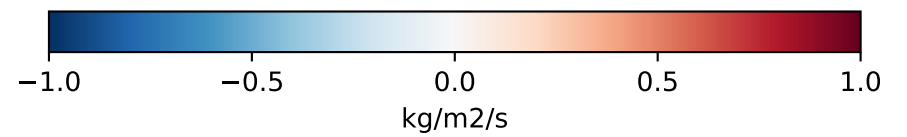
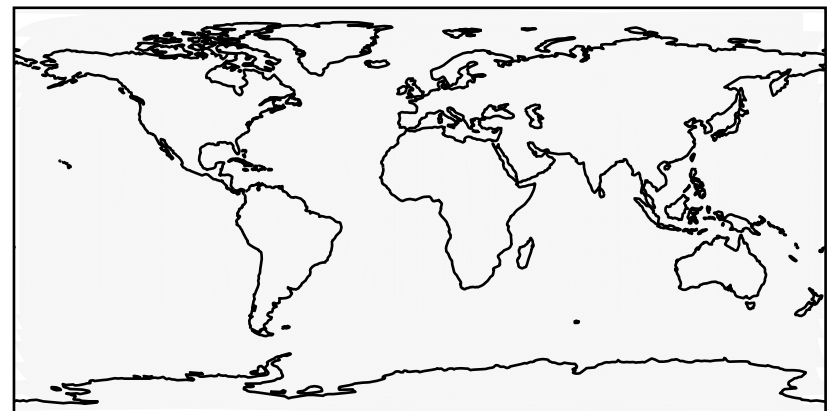
GCHP_12.5.0 (Dev)
c48



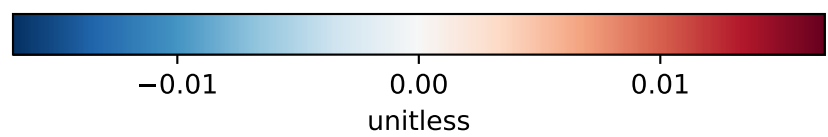
Difference
Dev - Ref, Dynamic Range



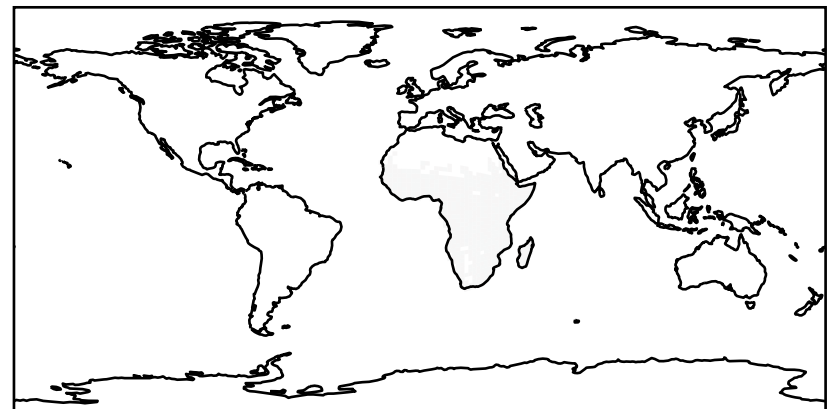
Difference
Dev - Ref, Restricted Range [5%,95%]



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

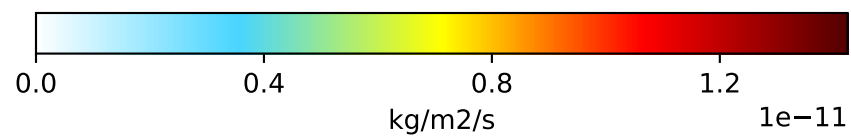
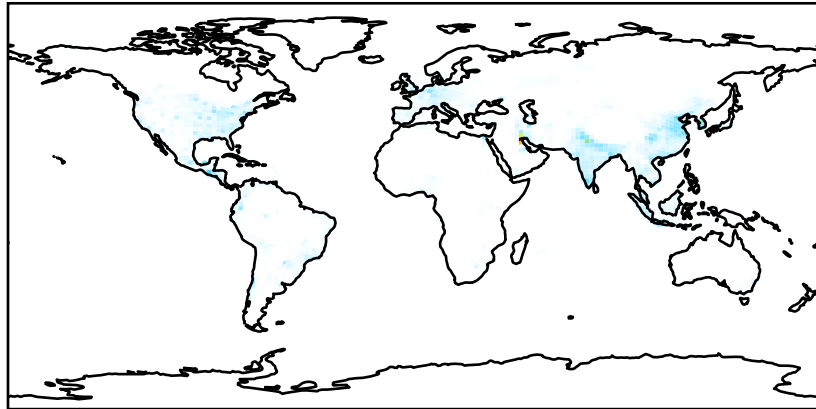


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

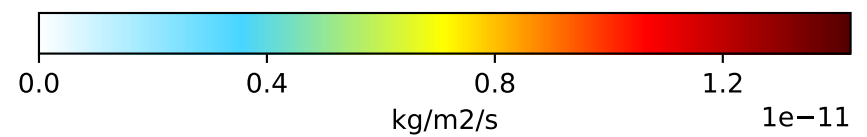
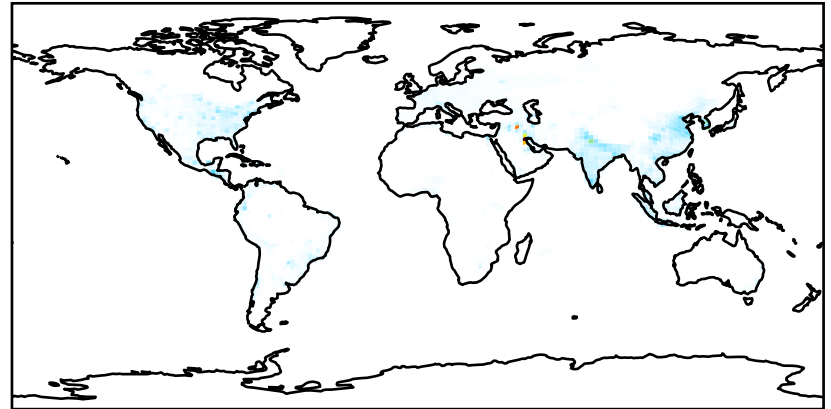


EmisALD2_Anthro

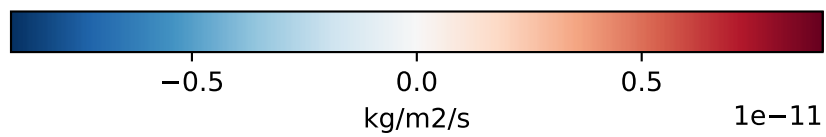
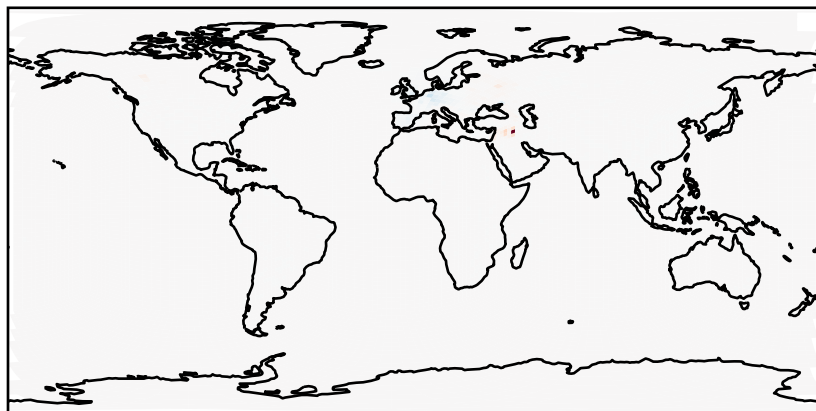
GCHP_12.4.0 (Ref)
c48



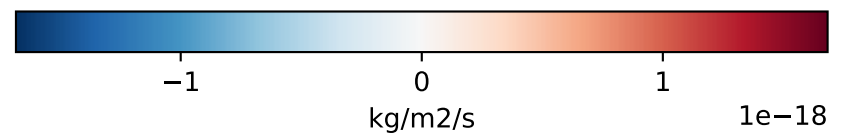
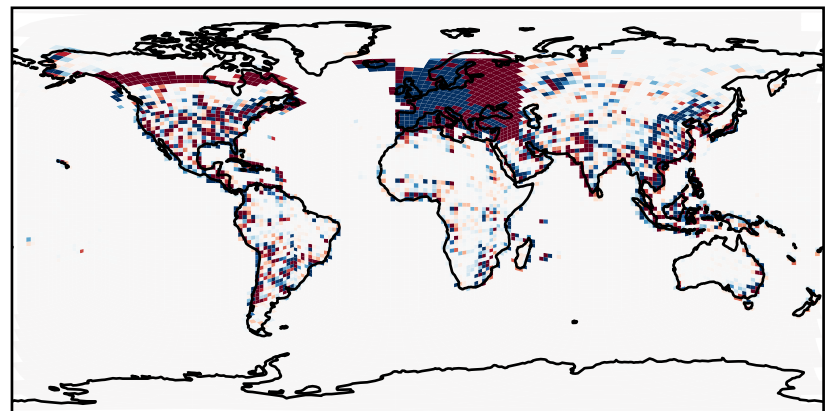
GCHP_12.5.0 (Dev)
c48



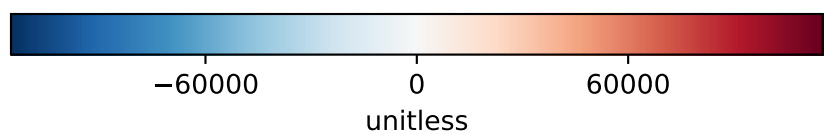
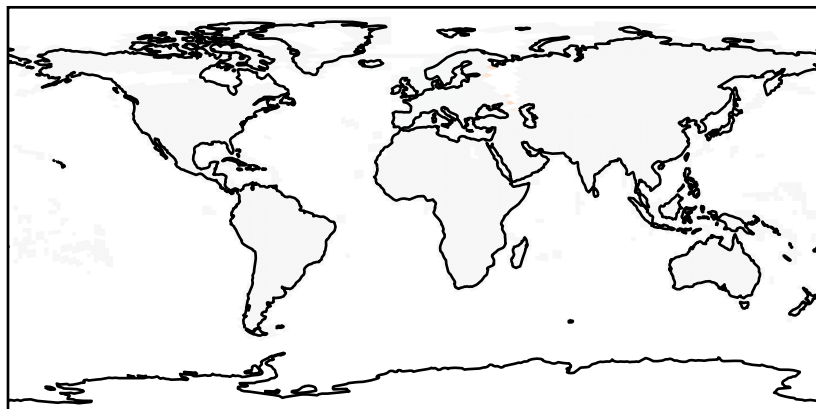
Difference
Dev - Ref, Dynamic Range



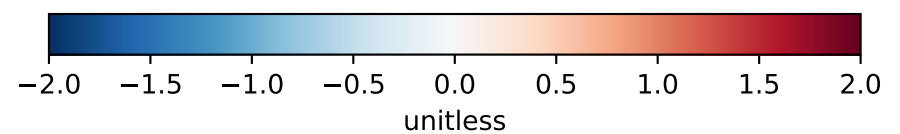
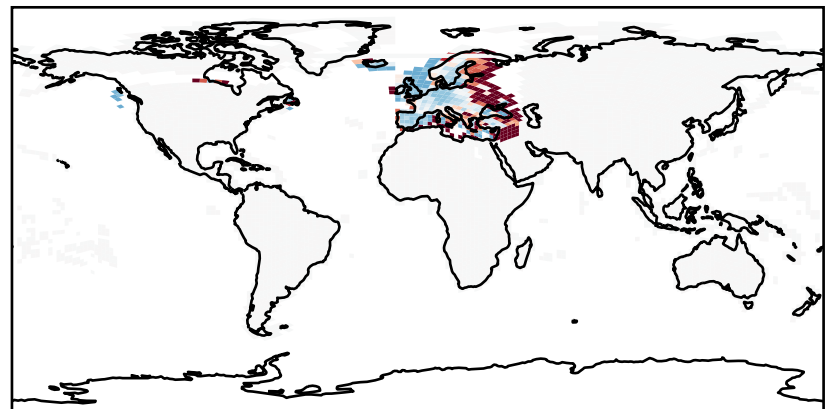
Difference
Dev - Ref, Restricted Range [5%,95%]



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

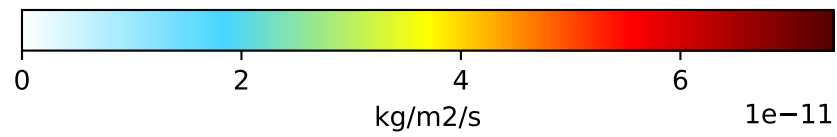
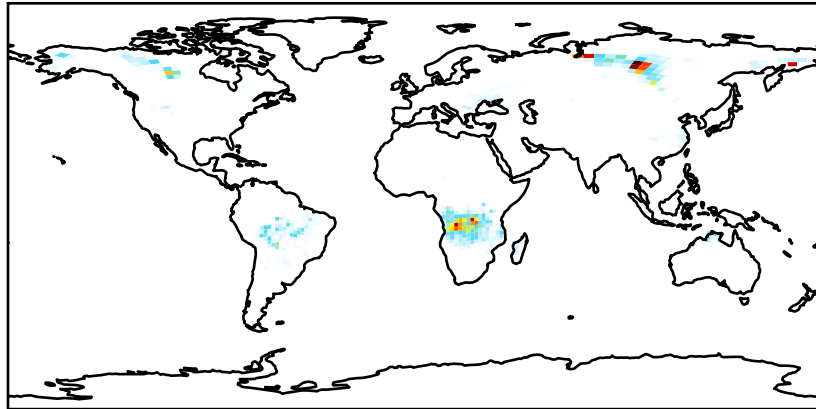


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

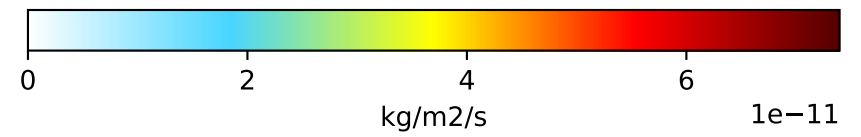
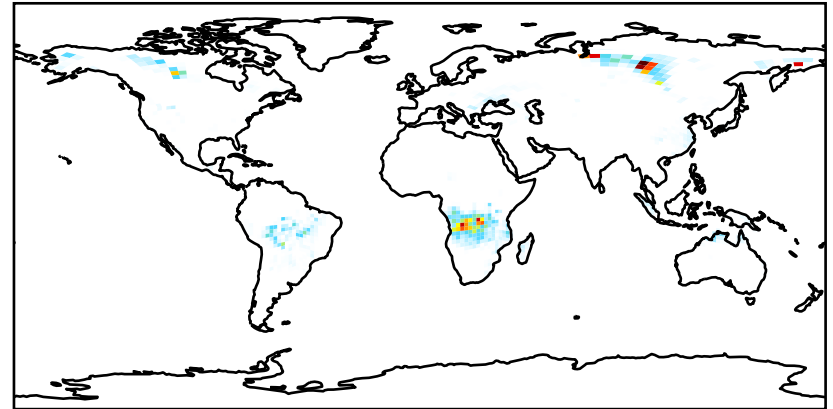


EmisALD2_BioBurn

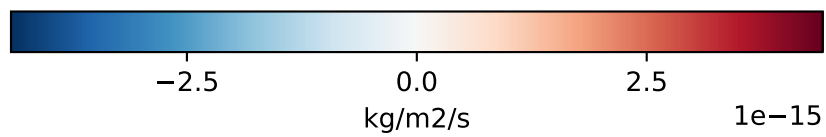
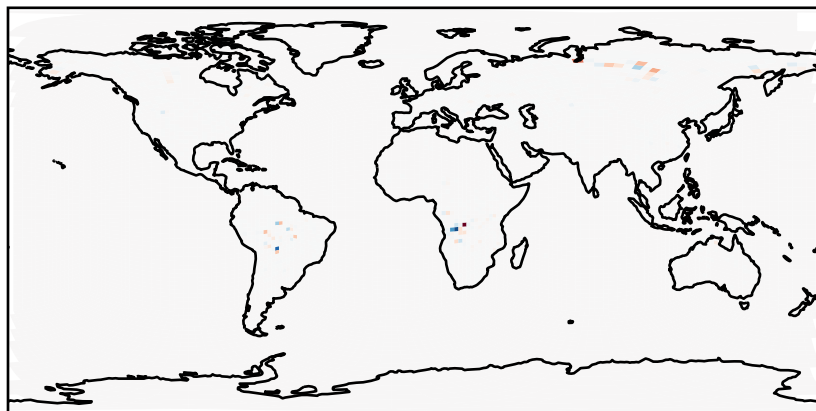
GCHP_12.4.0 (Ref)
c48



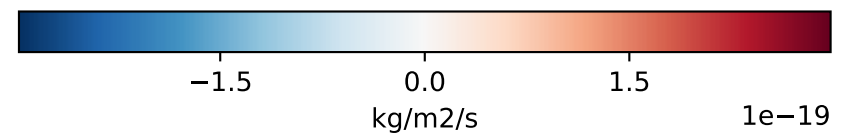
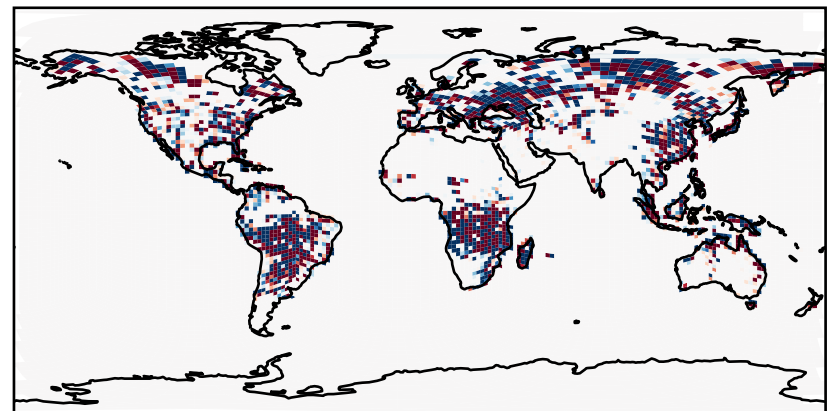
GCHP_12.5.0 (Dev)
c48



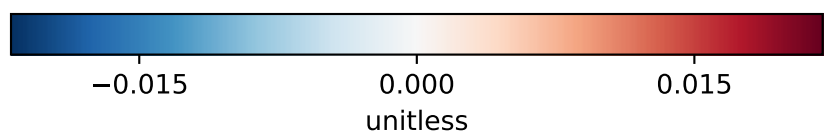
Difference
Dev - Ref, Dynamic Range



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



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

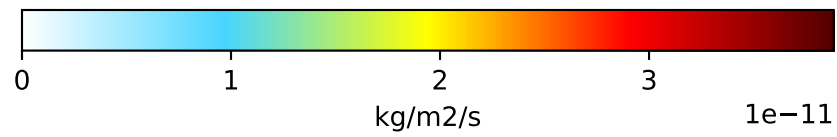
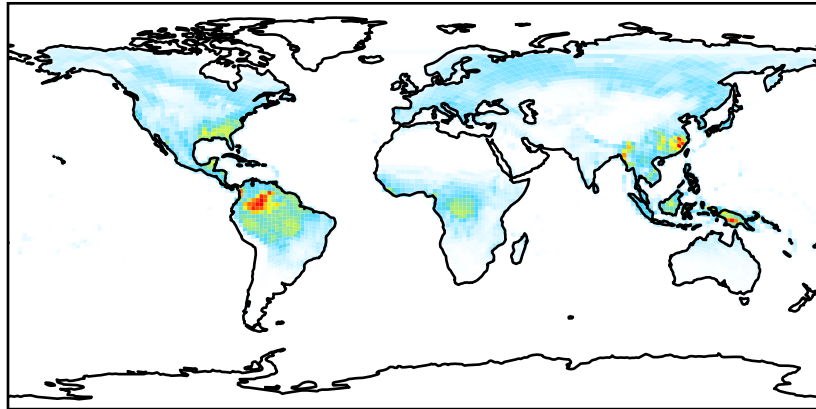


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

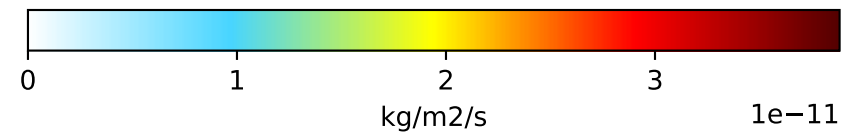
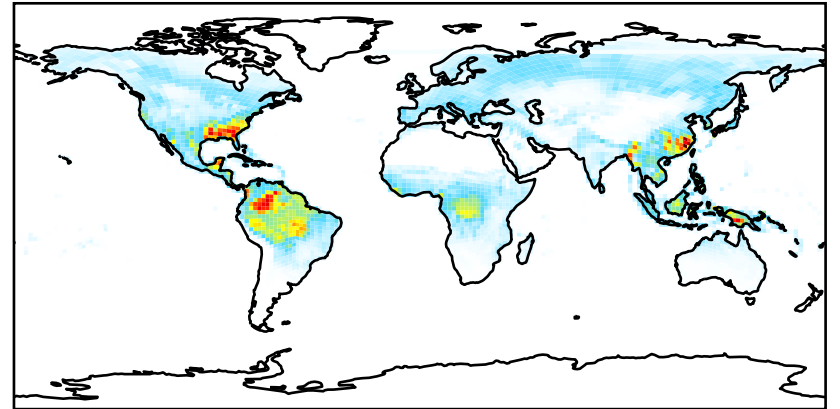


EmisALD2_Biogenic

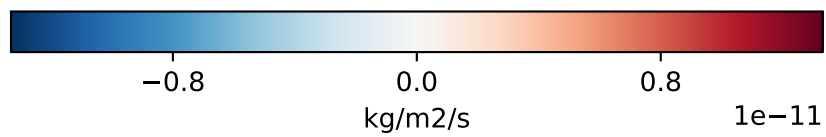
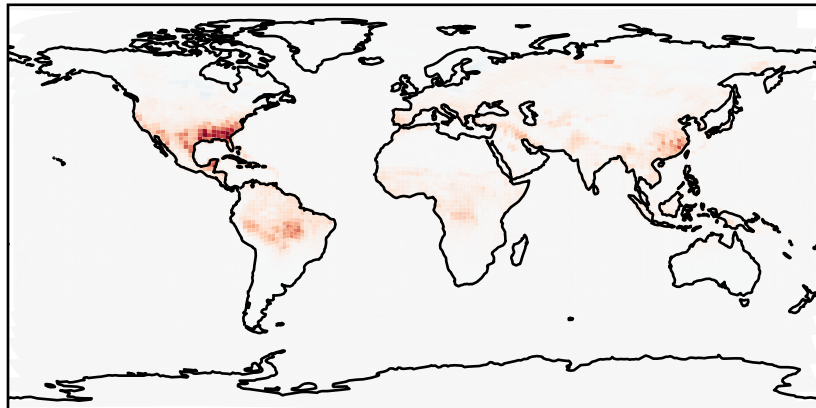
GCHP_12.4.0 (Ref)
c48



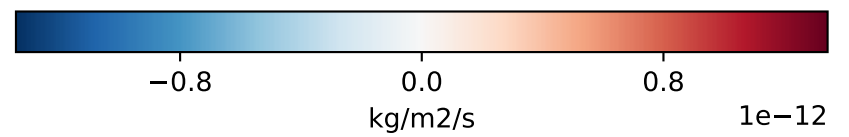
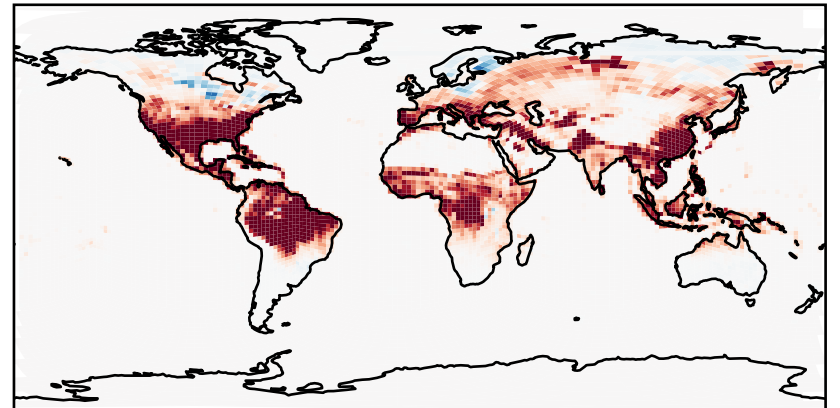
GCHP_12.5.0 (Dev)
c48



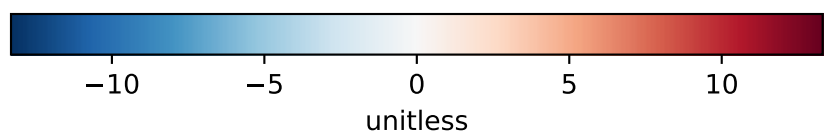
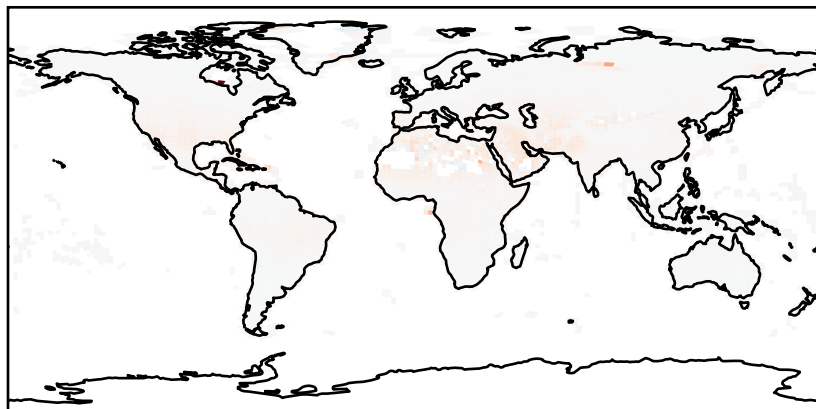
Difference
Dev - Ref, Dynamic Range



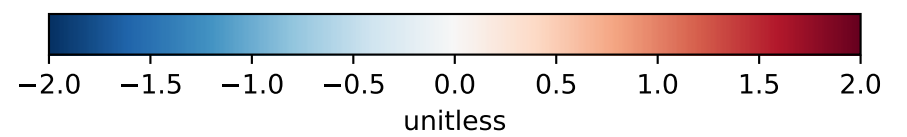
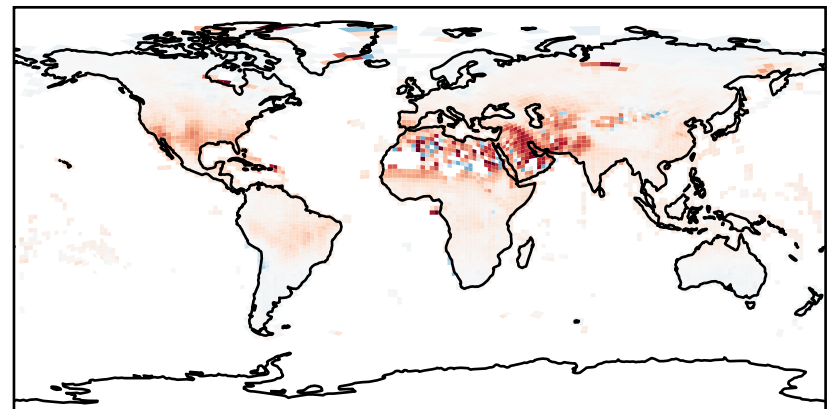
Difference
Dev - Ref, Restricted Range [5%,95%]



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

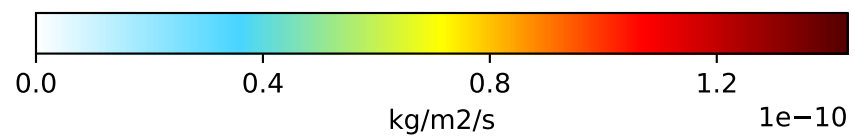
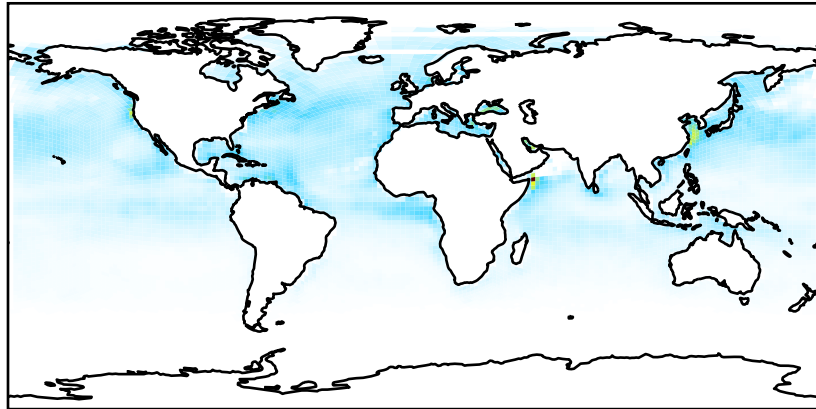


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

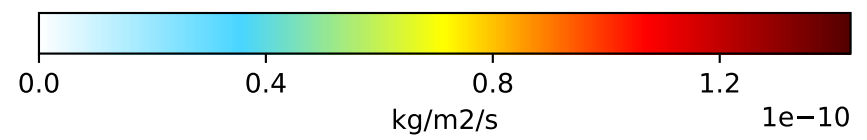
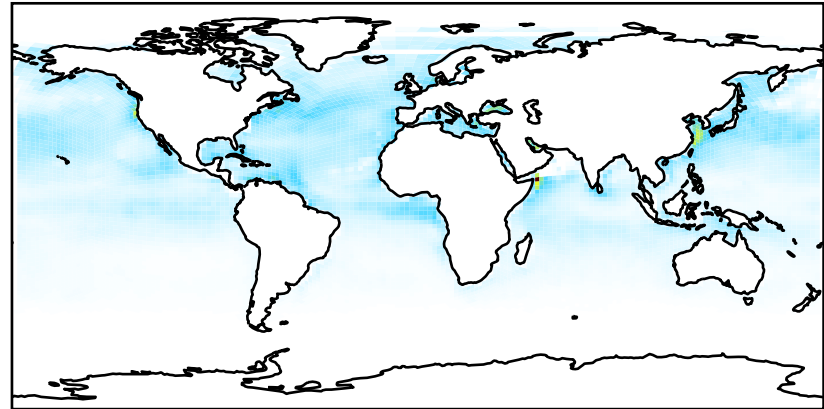


EmisALD2_Ocean

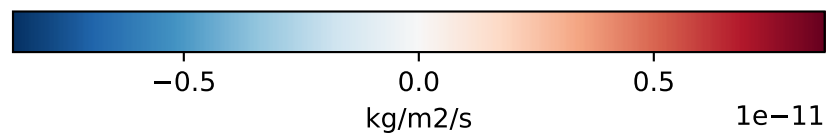
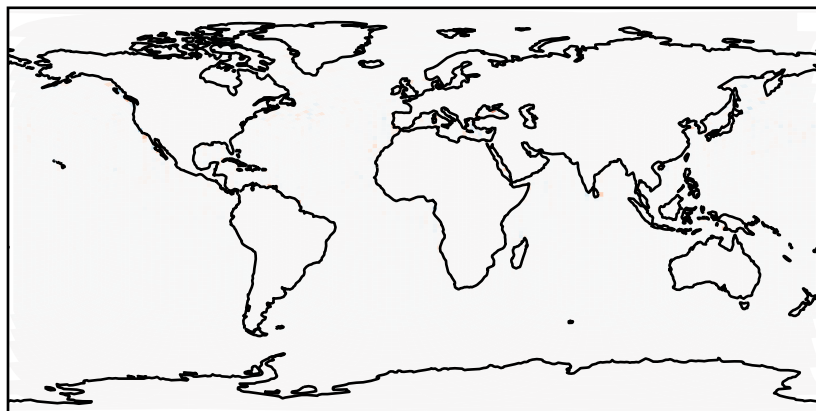
GCHP_12.4.0 (Ref)
c48



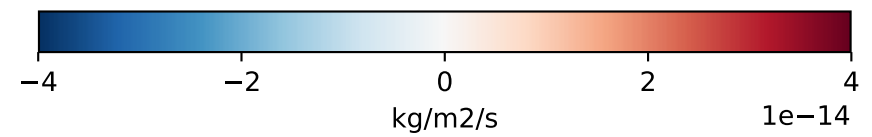
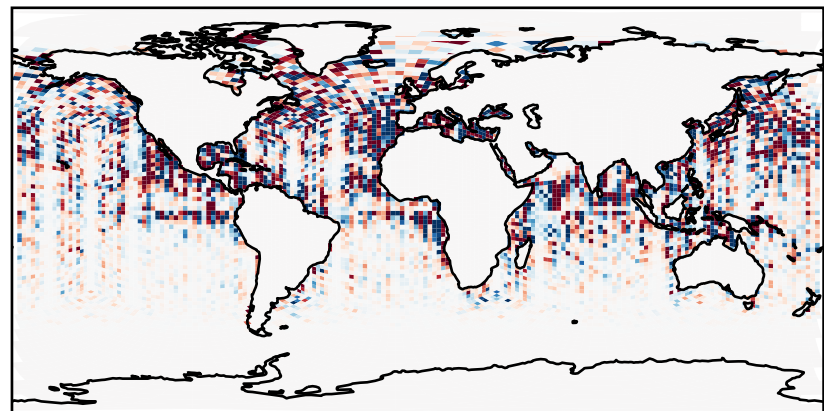
GCHP_12.5.0 (Dev)
c48



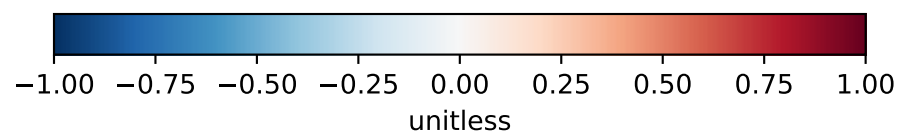
Difference
Dev - Ref, Dynamic Range



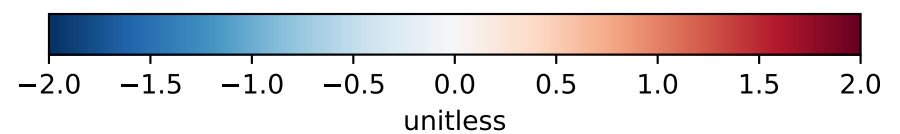
Difference
Dev - Ref, Restricted Range [5%,95%]



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

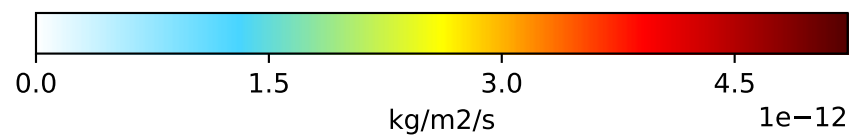
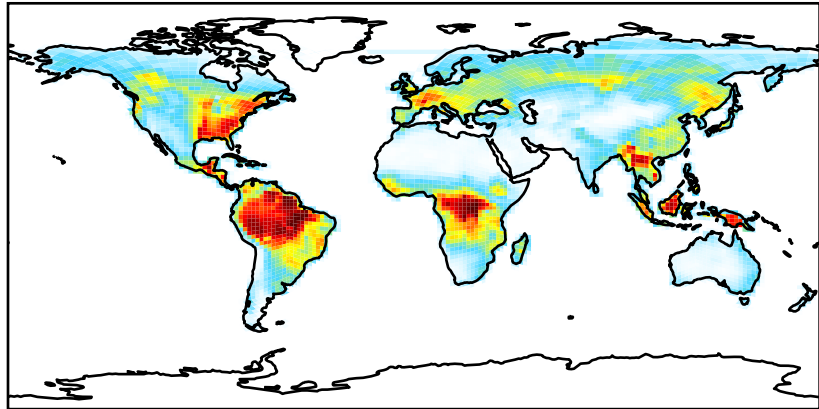


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

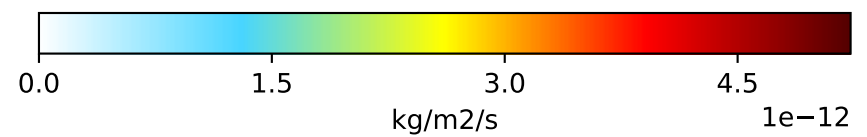
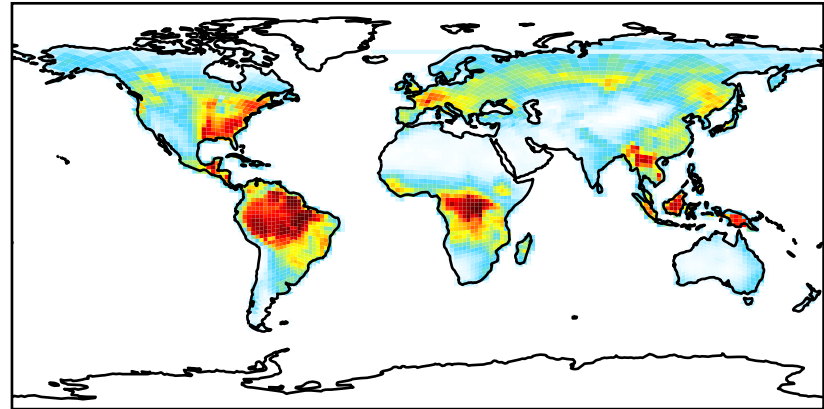


EmisALD2_PlantDecay

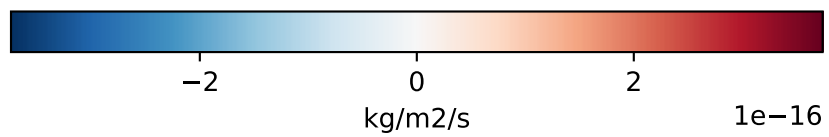
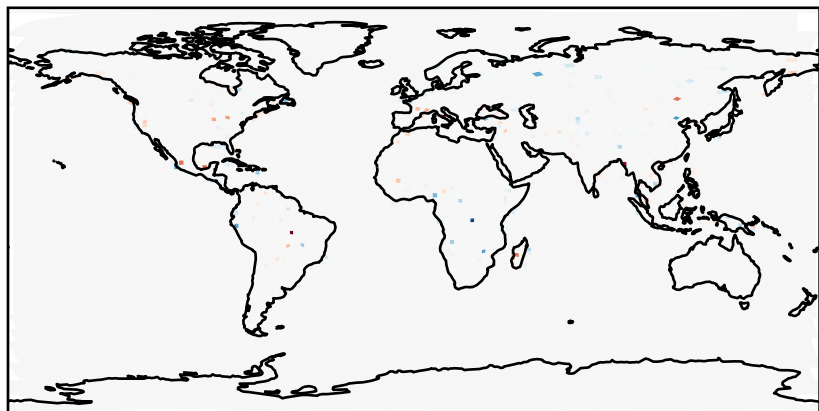
GCHP_12.4.0 (Ref)
c48



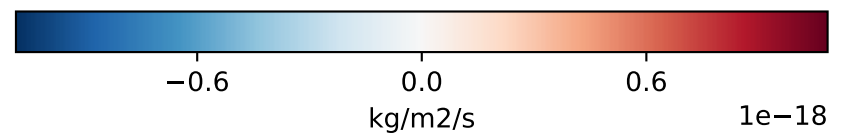
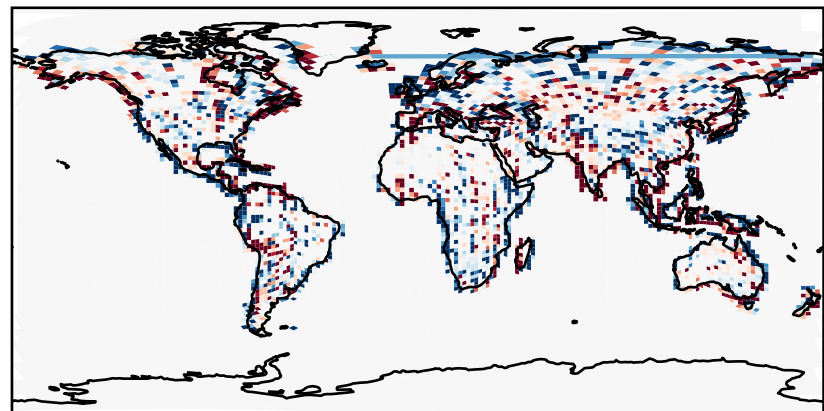
GCHP_12.5.0 (Dev)
c48



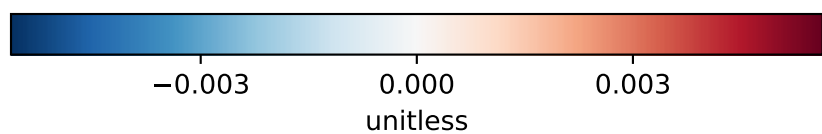
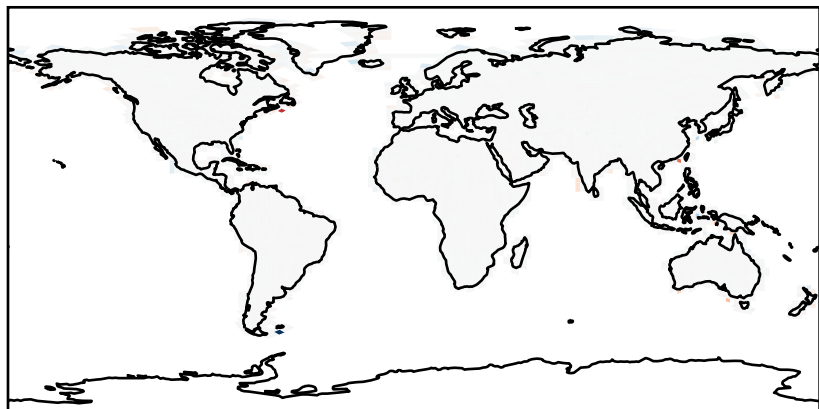
Difference
Dev - Ref, Dynamic Range



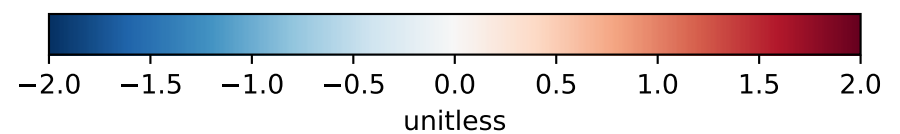
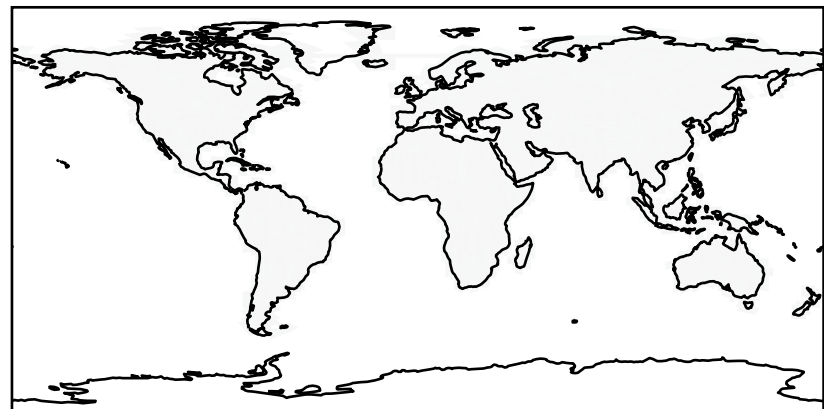
Difference
Dev - Ref, Restricted Range [5%,95%]



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



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



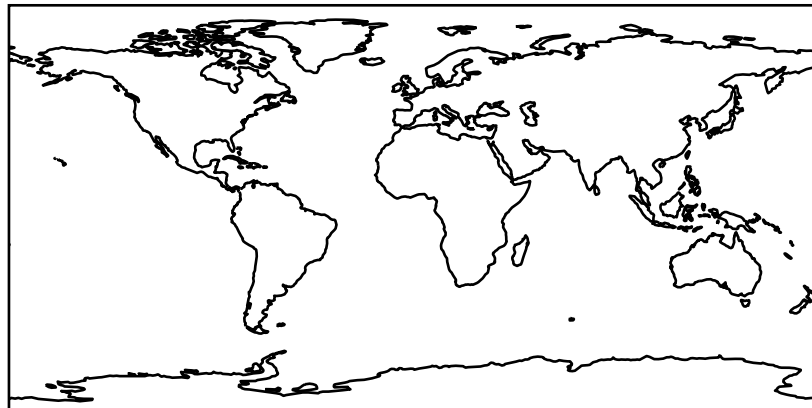
EmisALD2_Ship

GCHP_12.4.0 (Ref)
c48



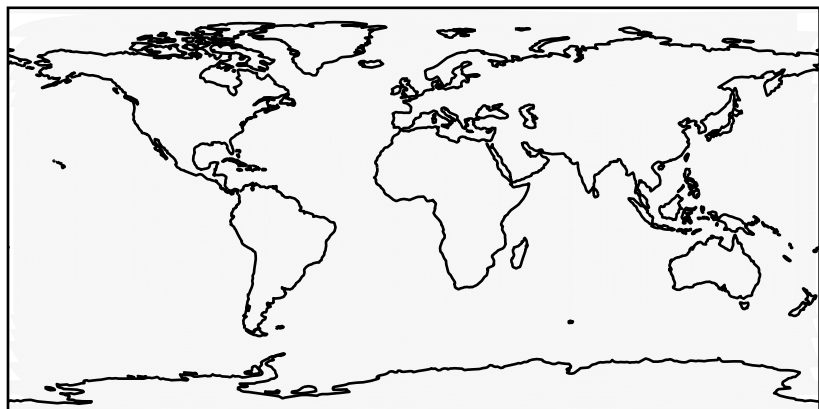
Zero throughout domain
kg/m2/s

GCHP_12.5.0 (Dev)
c48



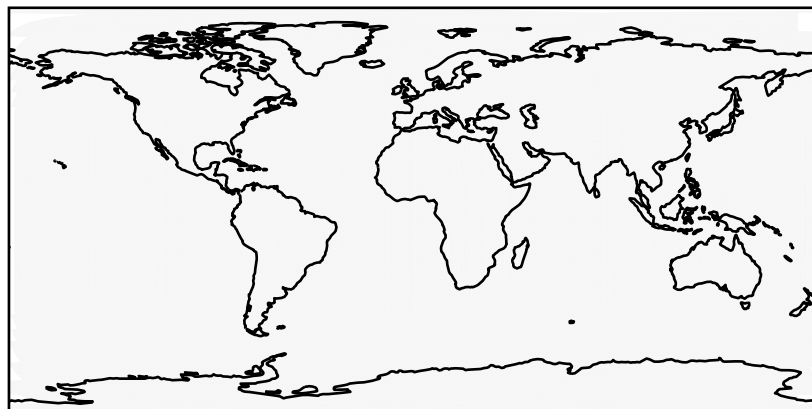
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



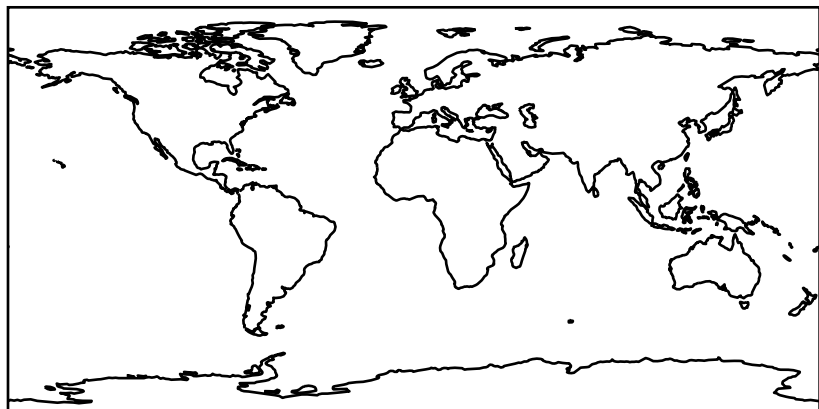
Zero throughout domain
kg/m2/s

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



Zero throughout domain
kg/m2/s

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



Undefined throughout domain
unitless

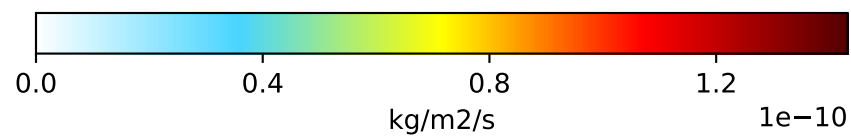
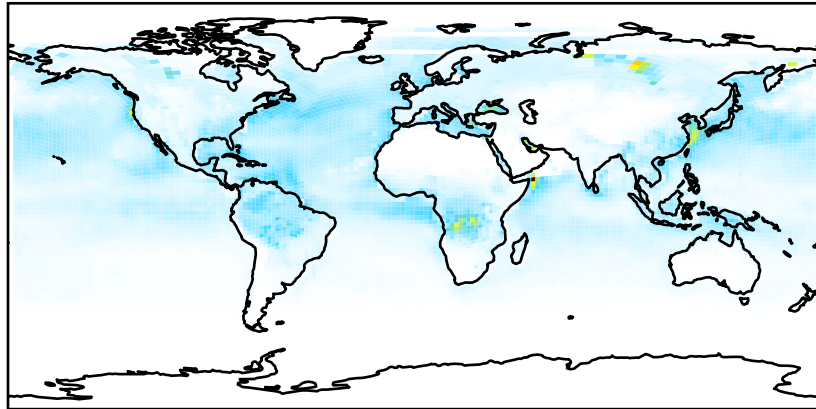
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



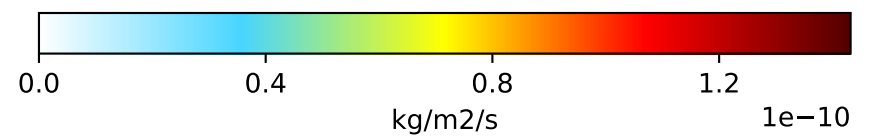
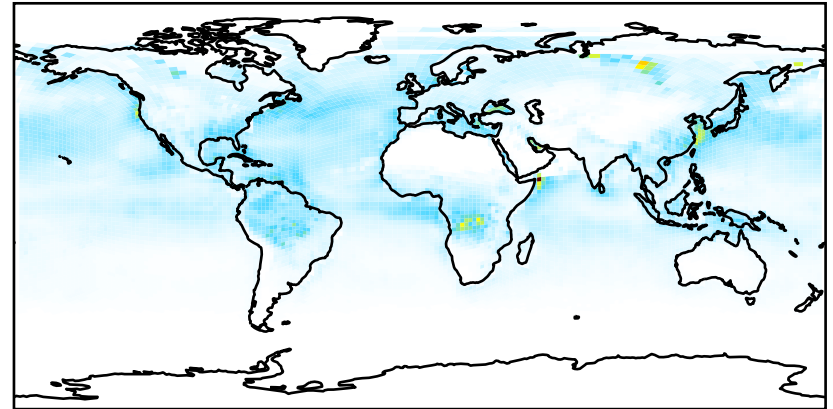
Undefined throughout domain
unitless

EmisALD2_Total

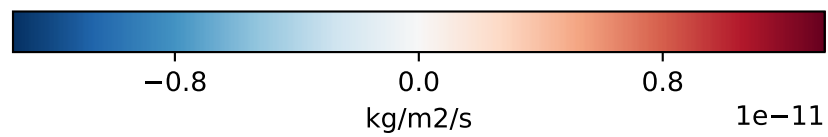
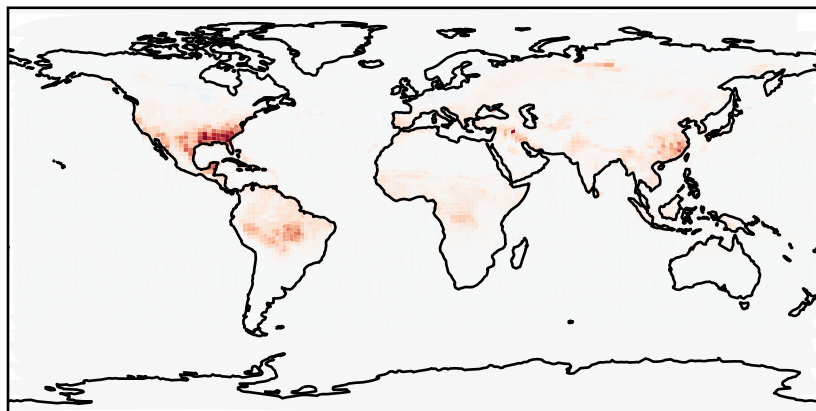
GCHP_12.4.0 (Ref)
c48



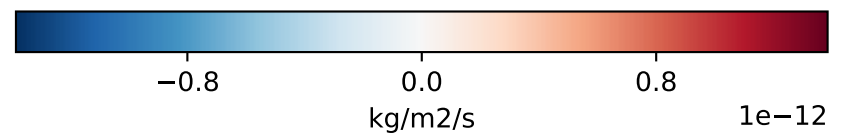
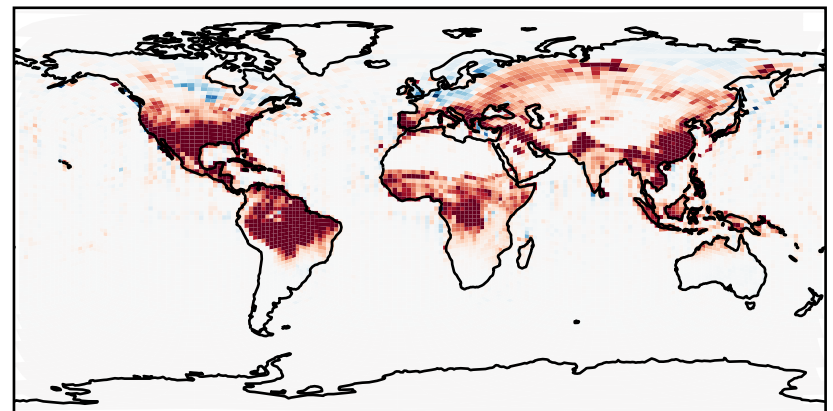
GCHP_12.5.0 (Dev)
c48



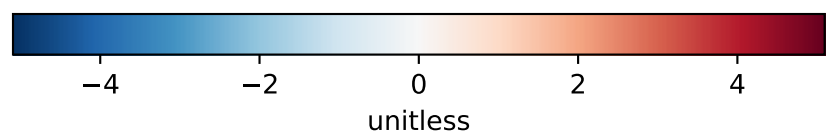
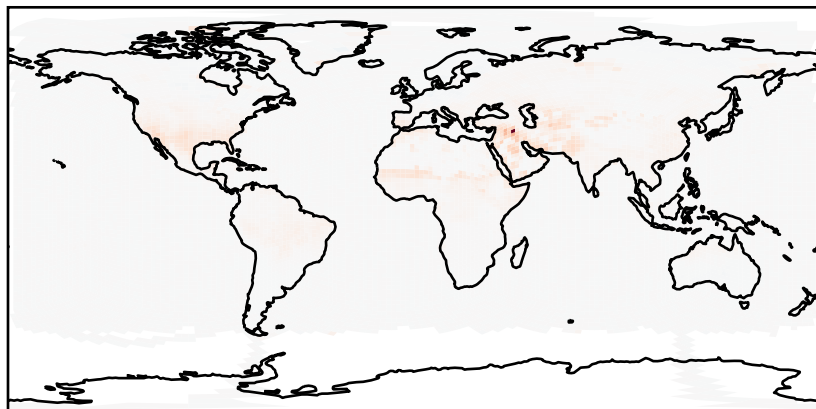
Difference
Dev - Ref, Dynamic Range



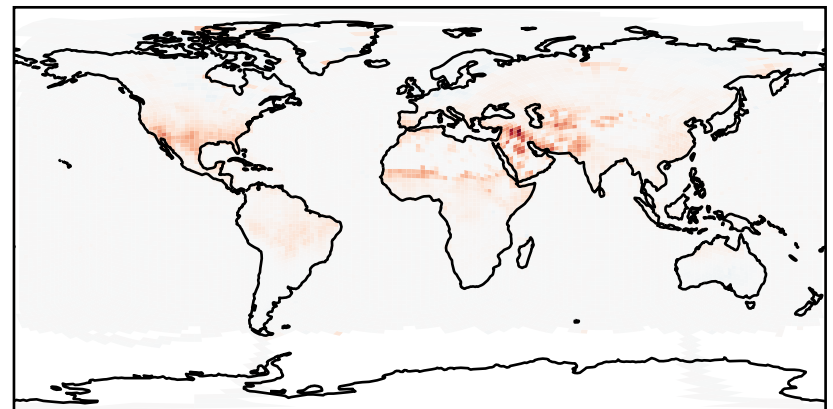
Difference
Dev - Ref, Restricted Range [5%,95%]



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

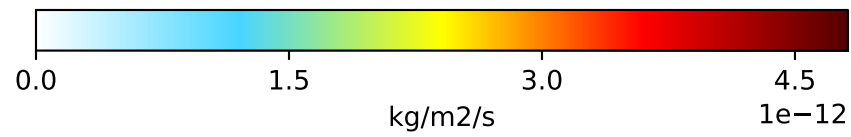
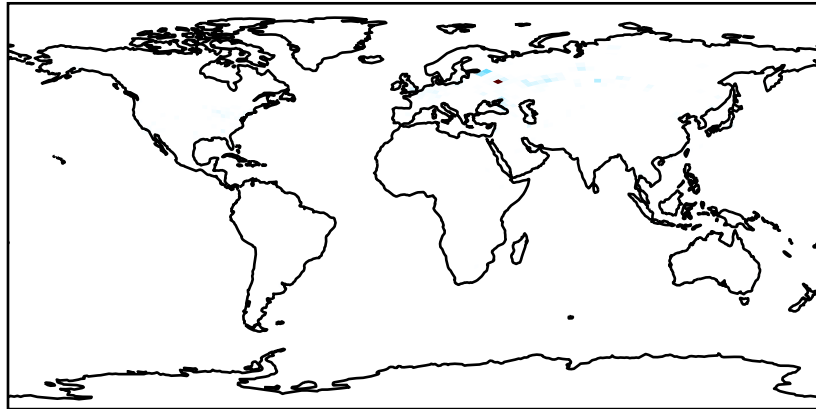


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

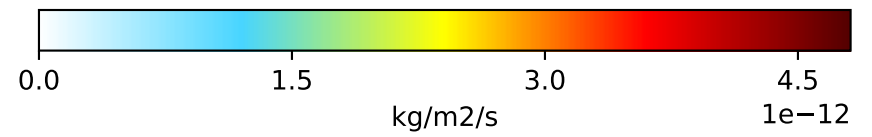
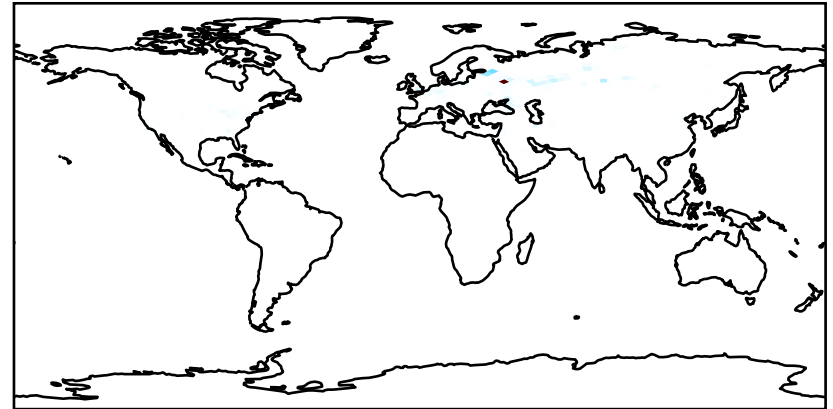


EmisCH20_Aircraft

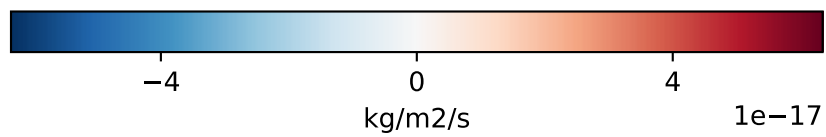
GCHP_12.4.0 (Ref)
c48



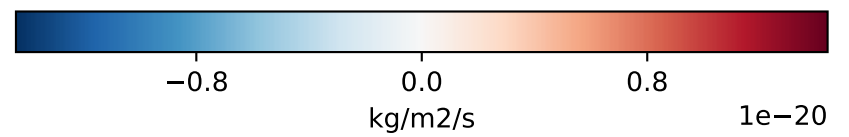
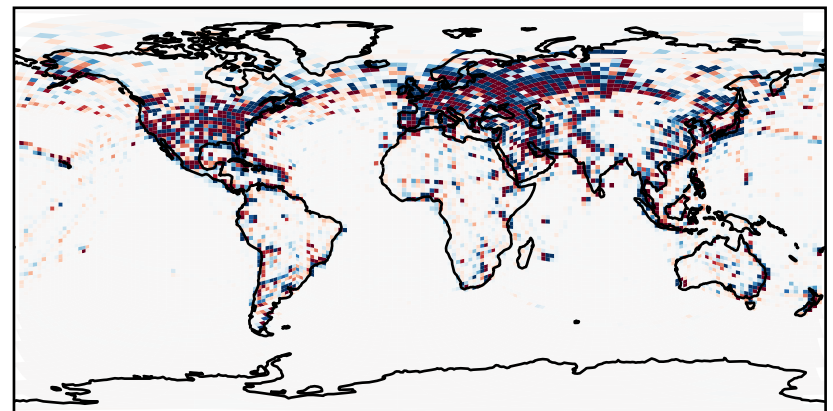
GCHP_12.5.0 (Dev)
c48



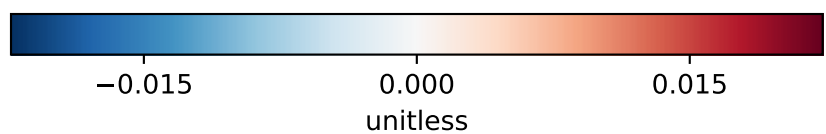
Difference
Dev - Ref, Dynamic Range



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



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

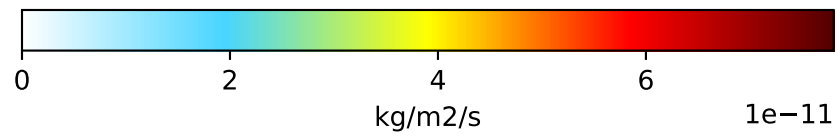
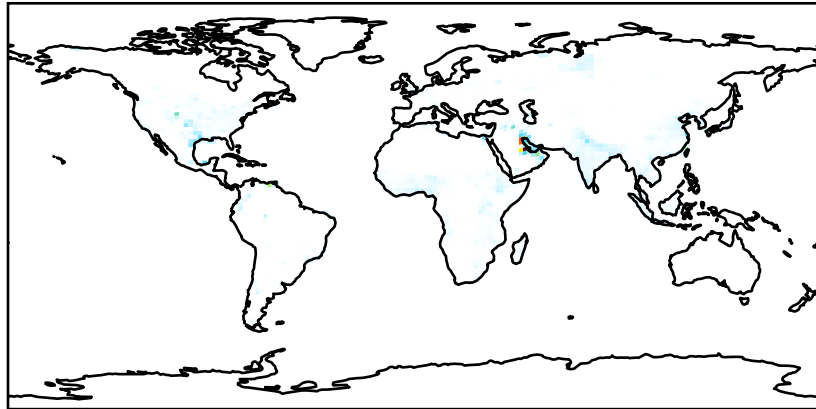


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

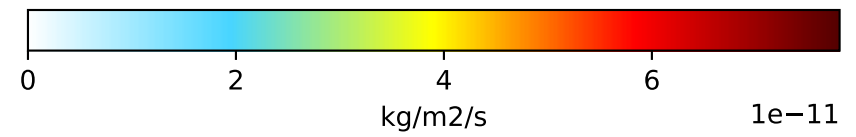
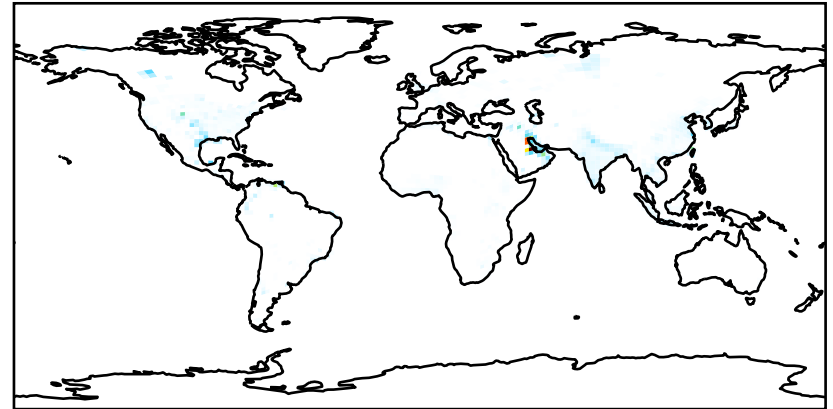


EmisCH2O_Anthro

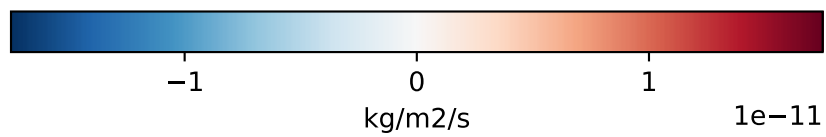
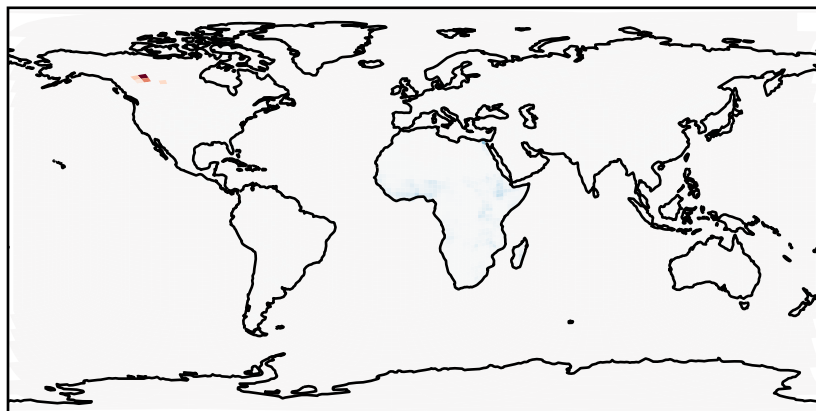
GCHP_12.4.0 (Ref)
c48



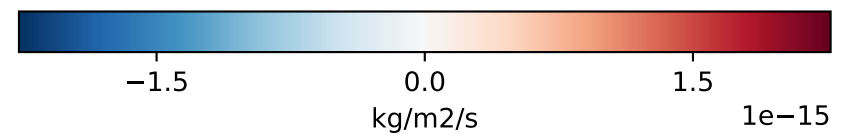
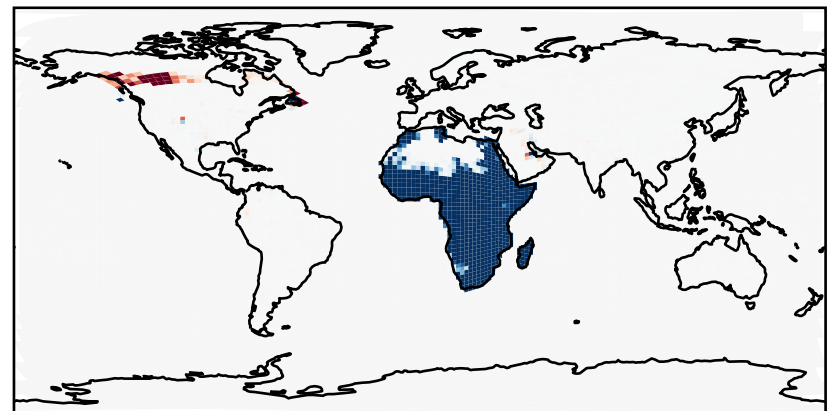
GCHP_12.5.0 (Dev)
c48



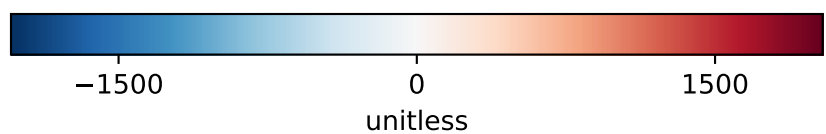
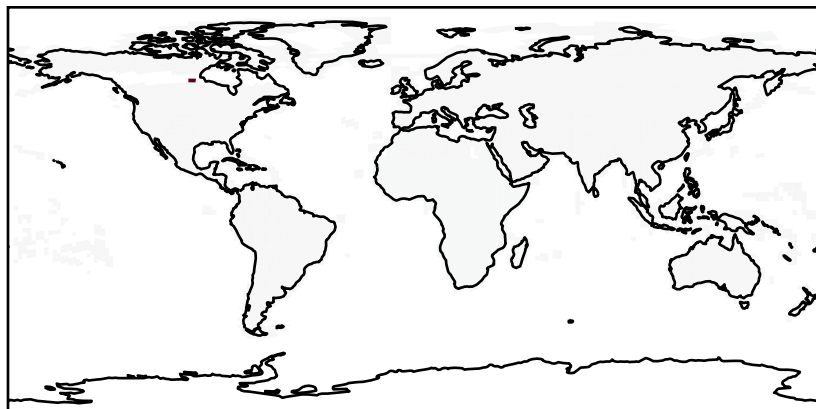
Difference
Dev - Ref, Dynamic Range



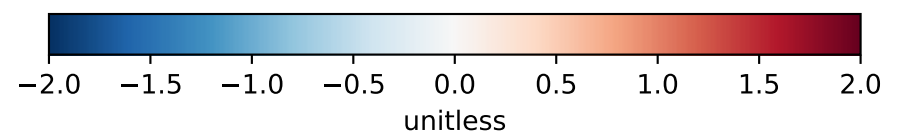
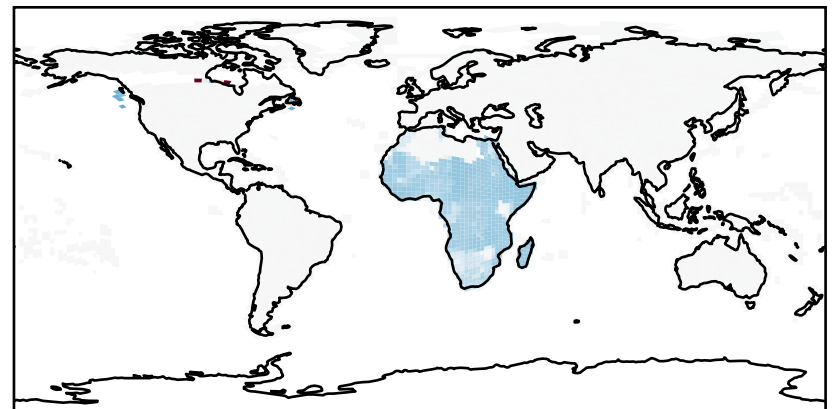
Difference
Dev - Ref, Restricted Range [5%,95%]



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

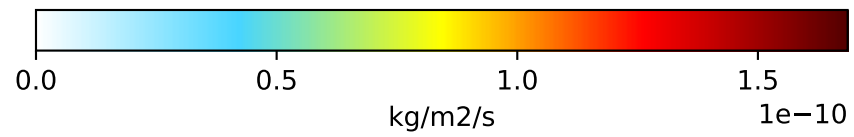
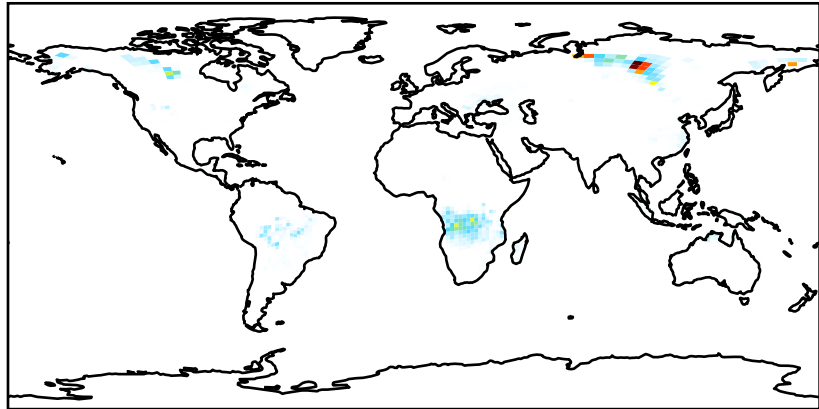


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

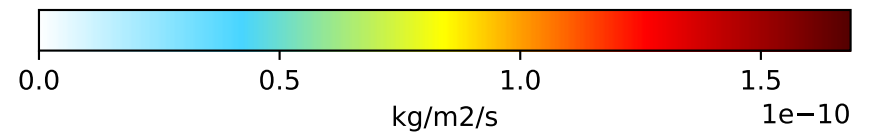
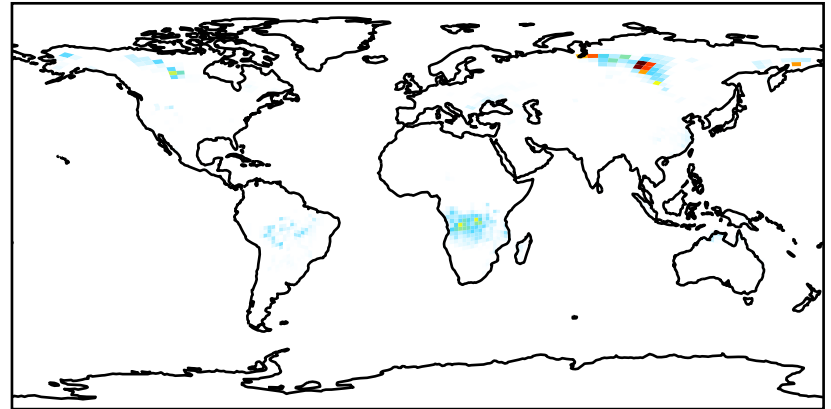


EmisCH2O_BioBurn

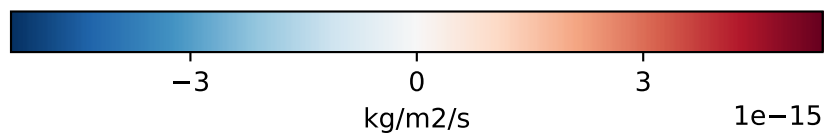
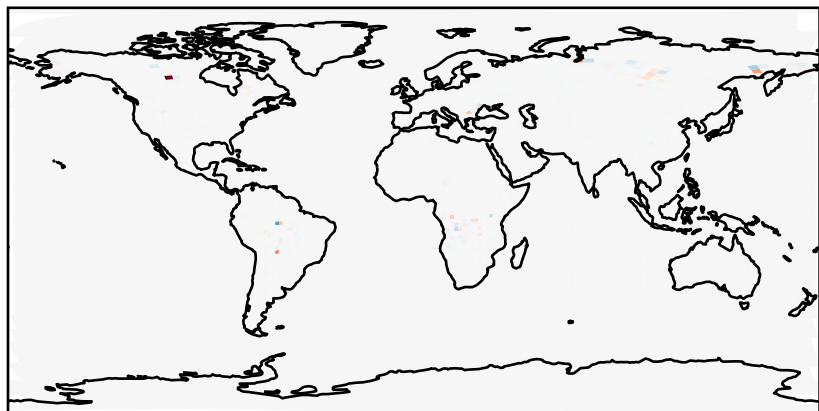
GCHP_12.4.0 (Ref)
c48



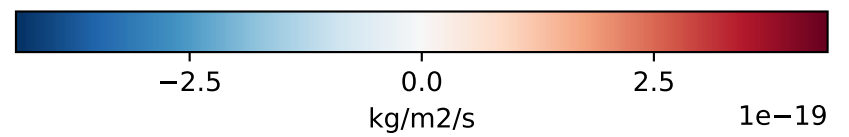
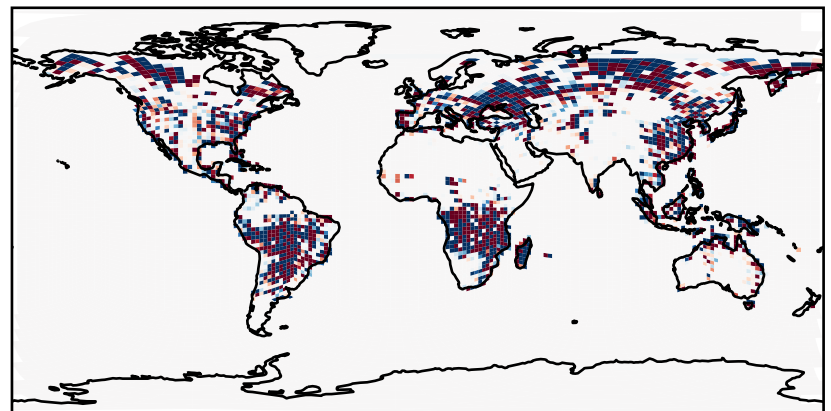
GCHP_12.5.0 (Dev)
c48



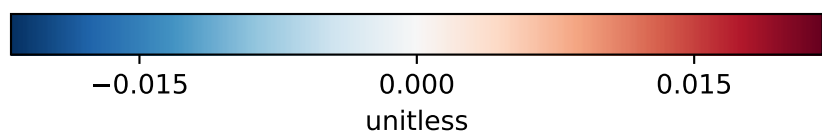
Difference
Dev - Ref, Dynamic Range



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



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

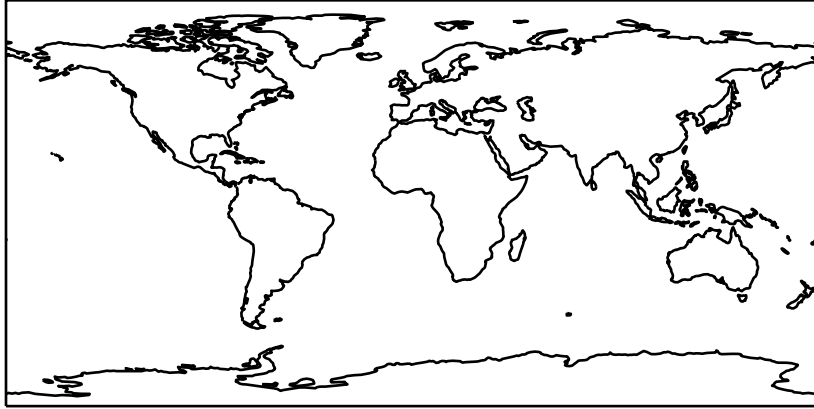


Fractional Difference
(Dev-Ref)/Ref, Fixed Range



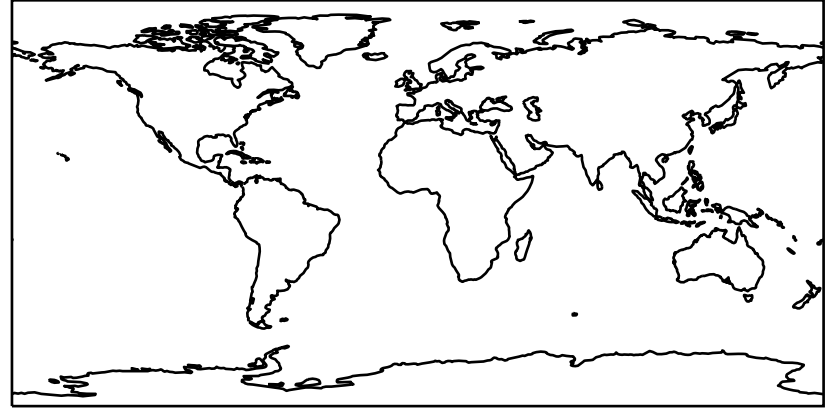
EmisCH20_Ship

GCHP_12.4.0 (Ref)
c48



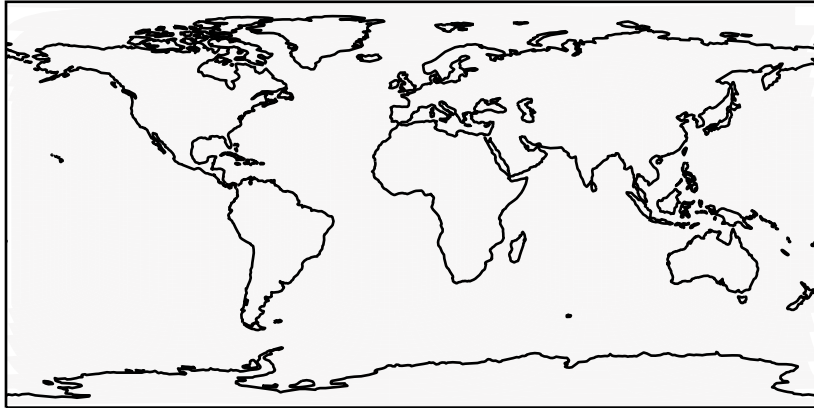
Zero throughout domain
kg/m2/s

GCHP_12.5.0 (Dev)
c48



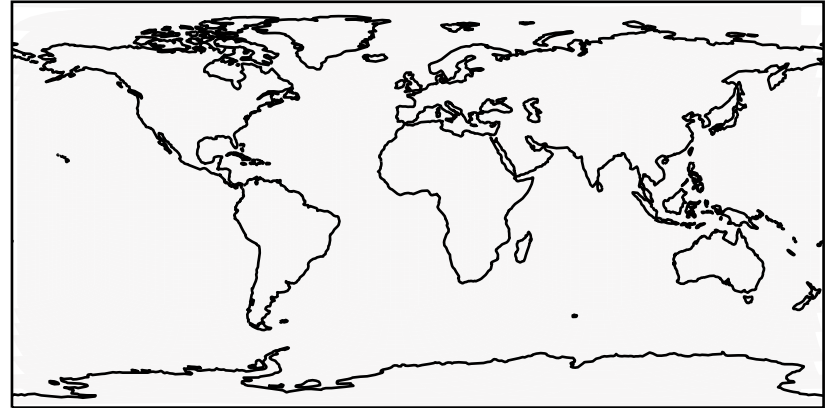
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



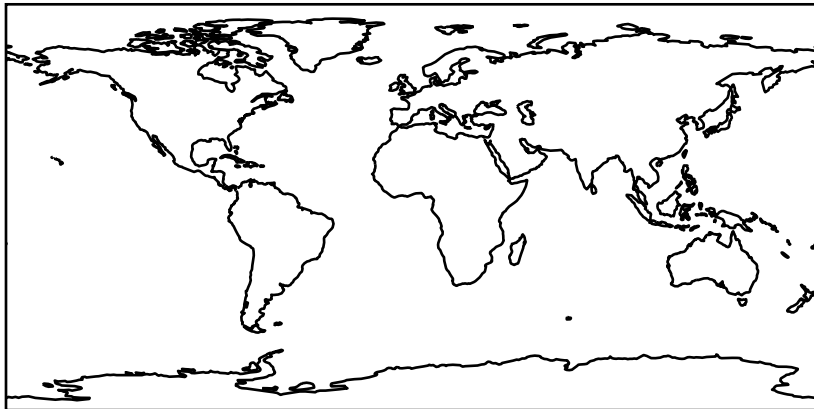
Zero throughout domain
kg/m2/s

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



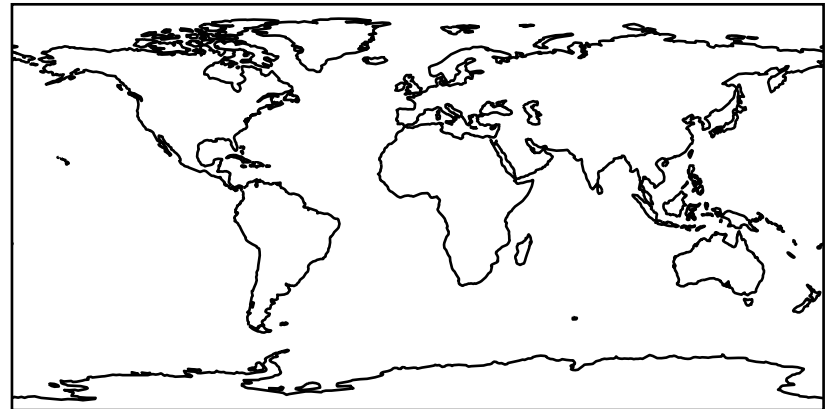
Zero throughout domain
kg/m2/s

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



Undefined throughout domain
unitless

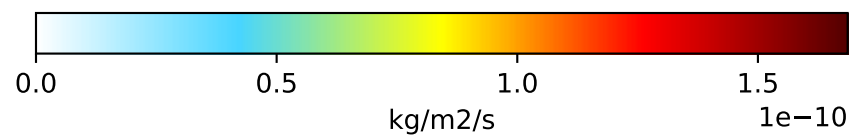
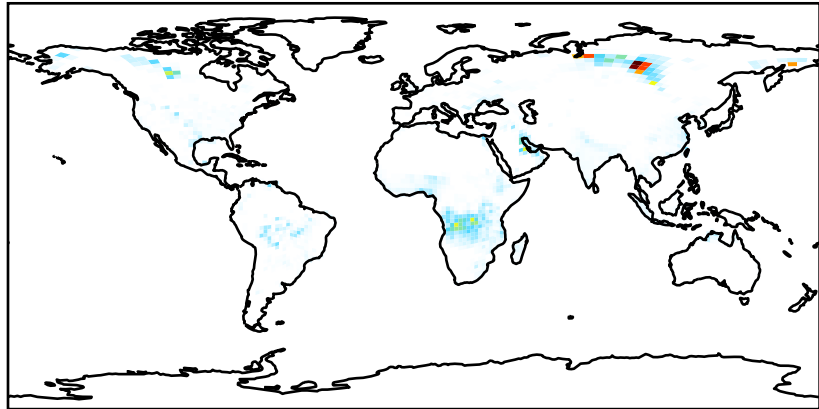
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



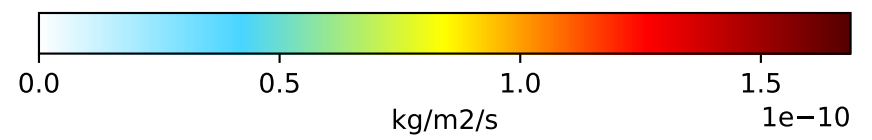
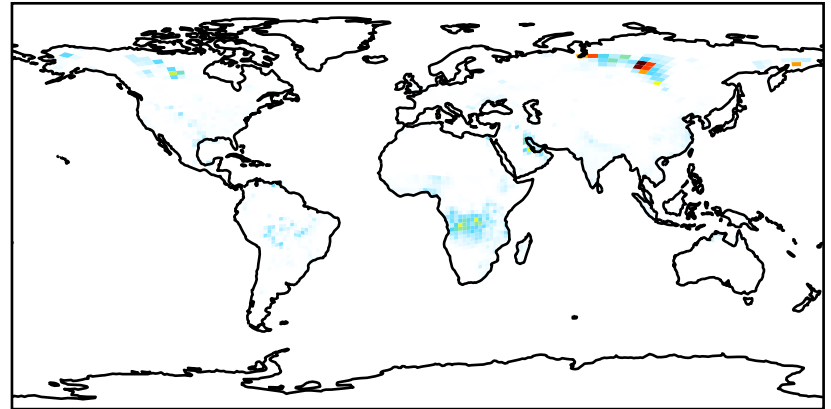
Undefined throughout domain
unitless

EmisCH2O_Total

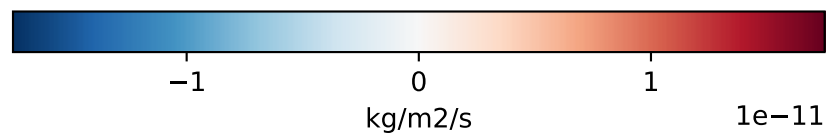
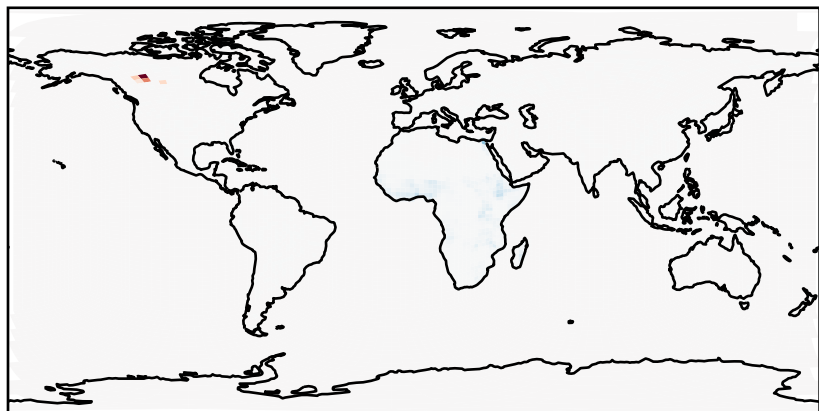
GCHP_12.4.0 (Ref)
c48



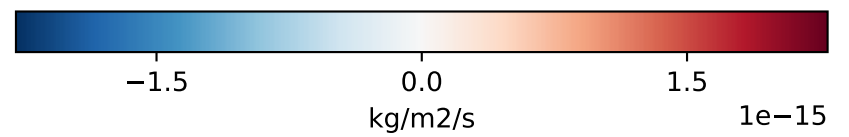
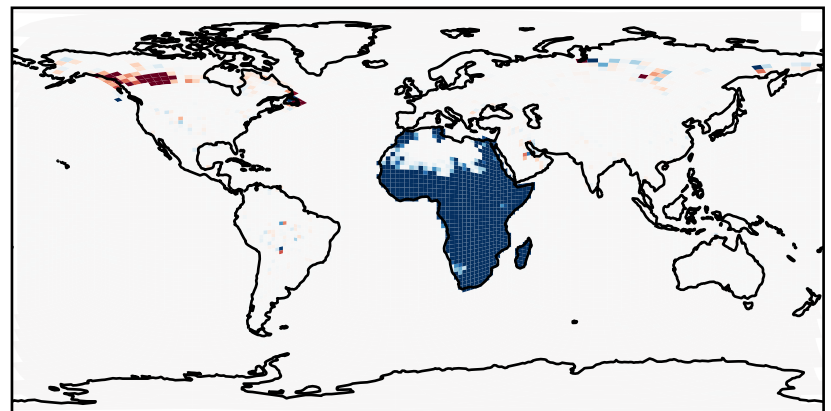
GCHP_12.5.0 (Dev)
c48



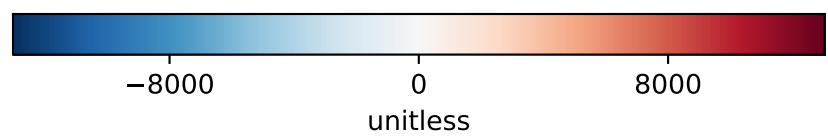
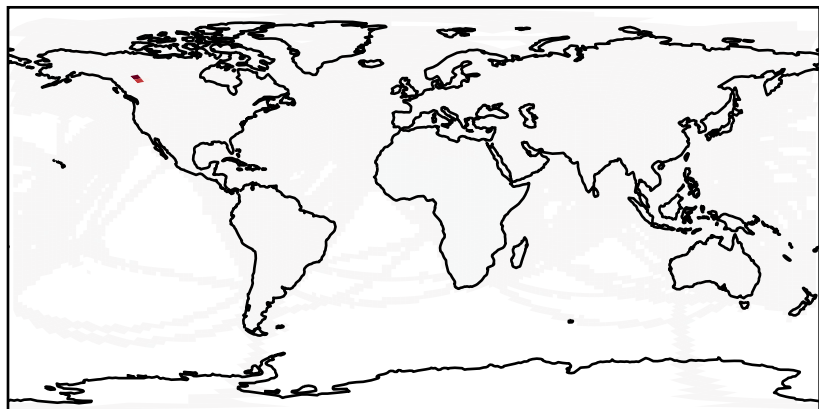
Difference
Dev - Ref, Dynamic Range



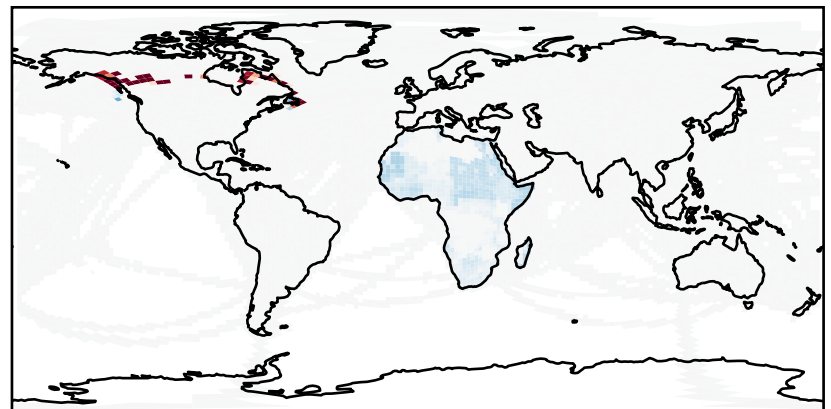
Difference
Dev - Ref, Restricted Range [5%,95%]



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

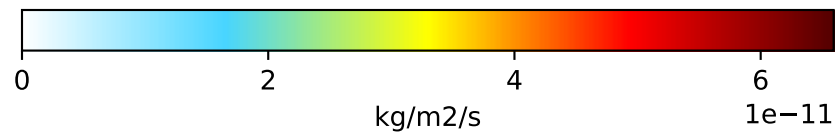
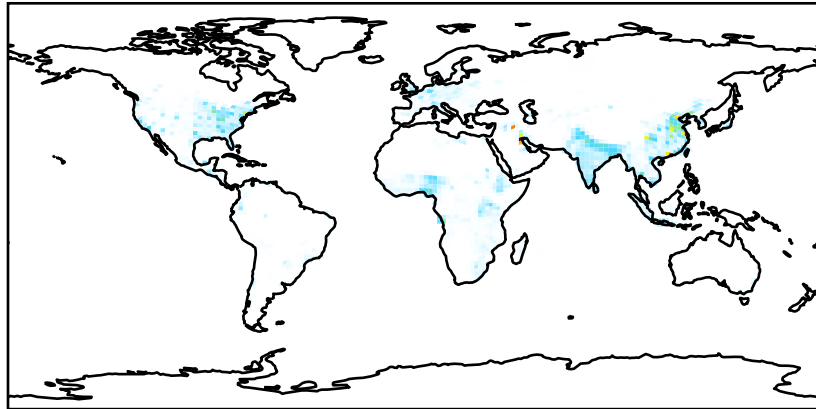


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

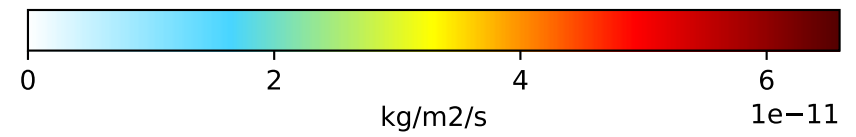
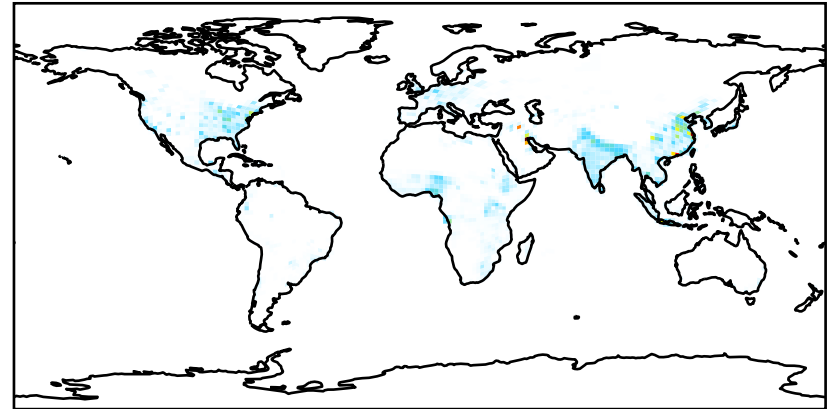


EmisEOH_Anthro

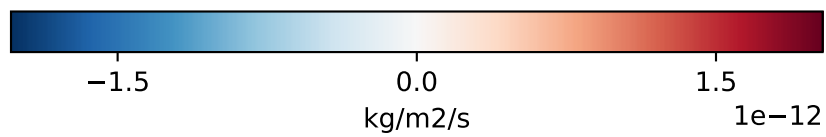
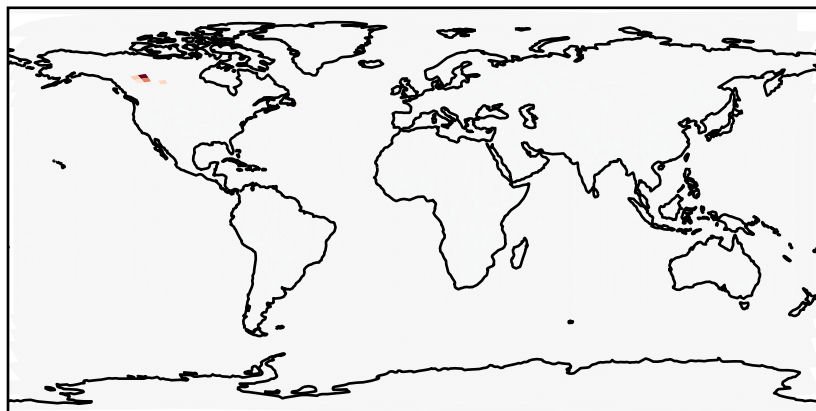
GCHP_12.4.0 (Ref)
c48



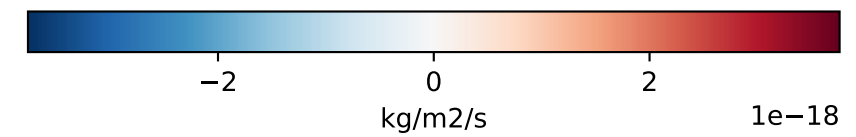
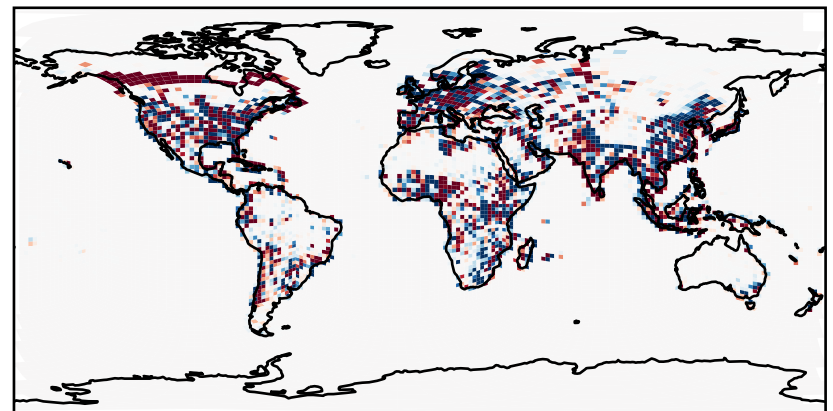
GCHP_12.5.0 (Dev)
c48



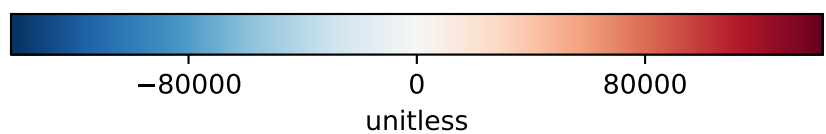
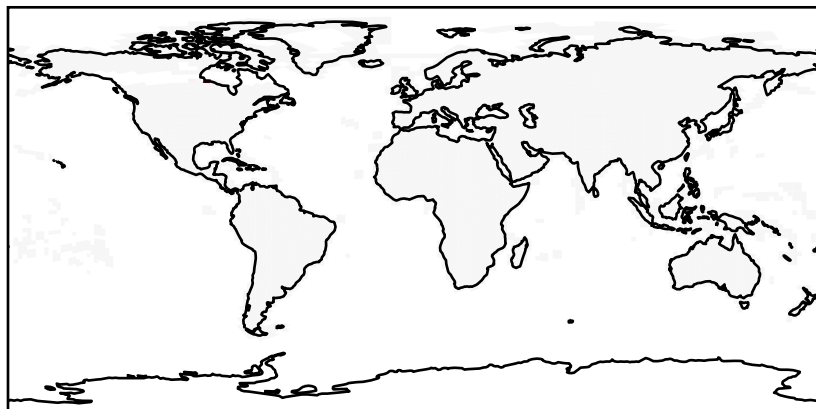
Difference
Dev - Ref, Dynamic Range



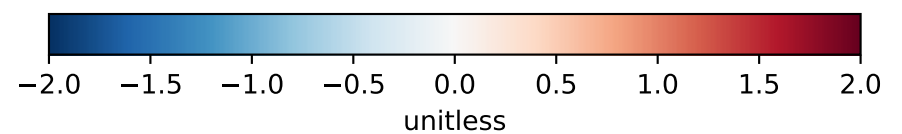
Difference
Dev - Ref, Restricted Range [5%,95%]



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

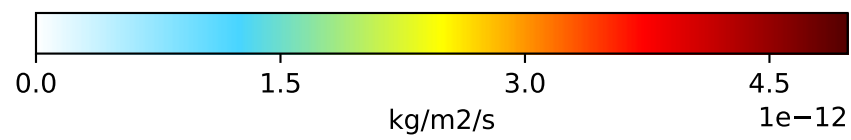
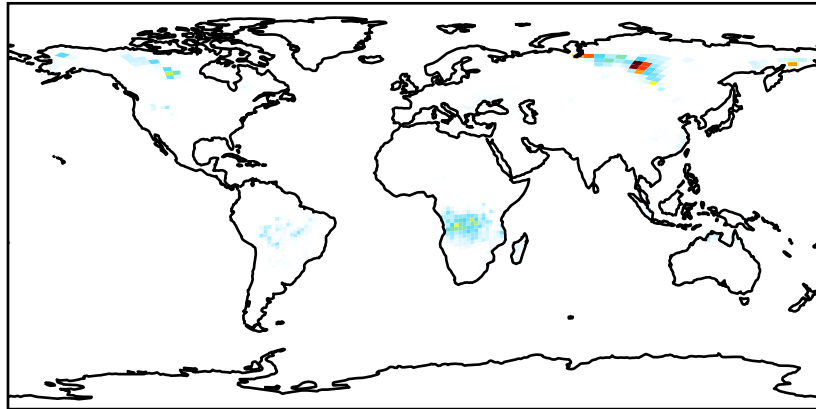


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

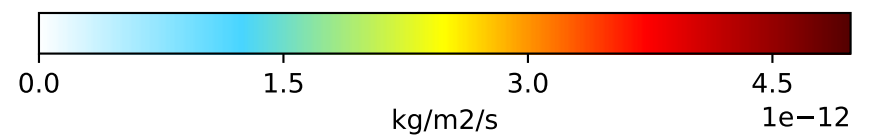
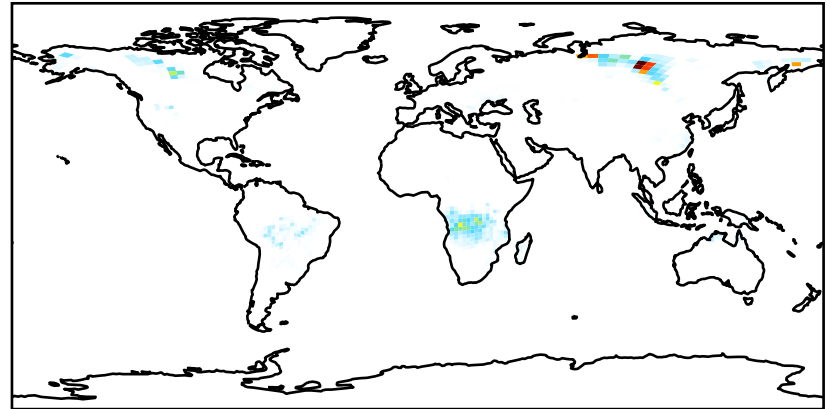


EmisEOH_BioBurn

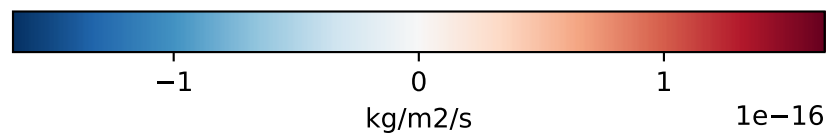
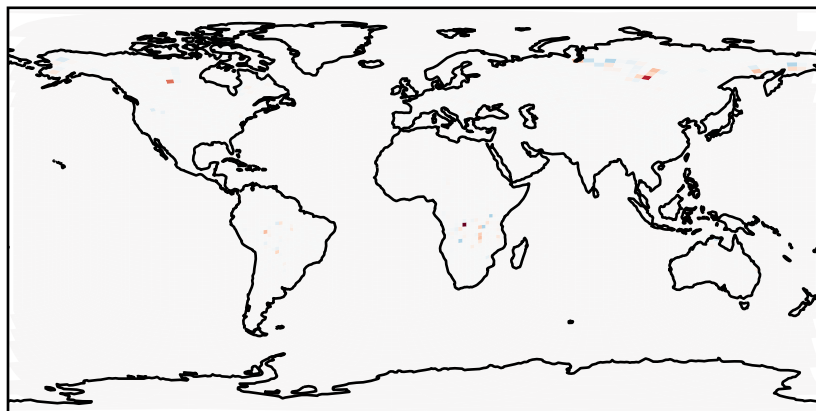
GCHP_12.4.0 (Ref)
c48



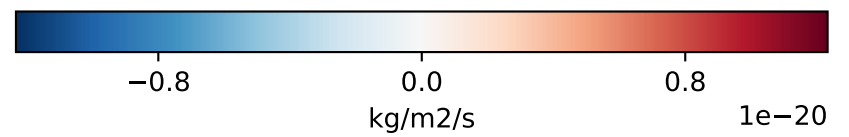
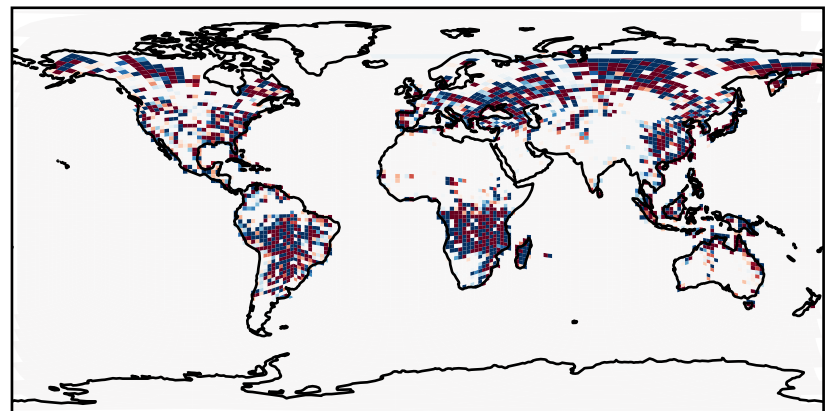
GCHP_12.5.0 (Dev)
c48



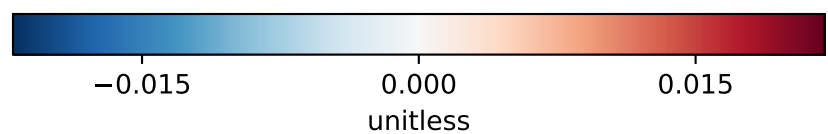
Difference
Dev - Ref, Dynamic Range



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



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

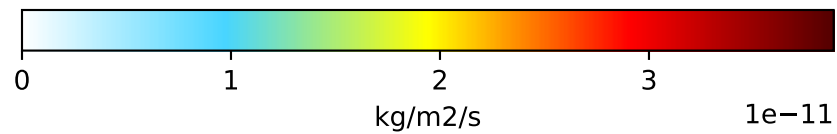
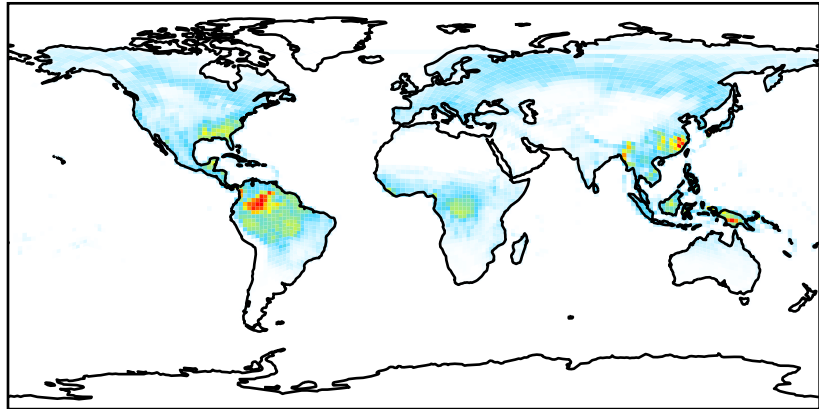


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

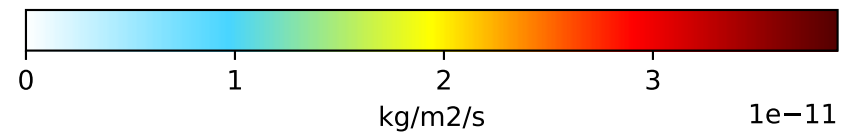
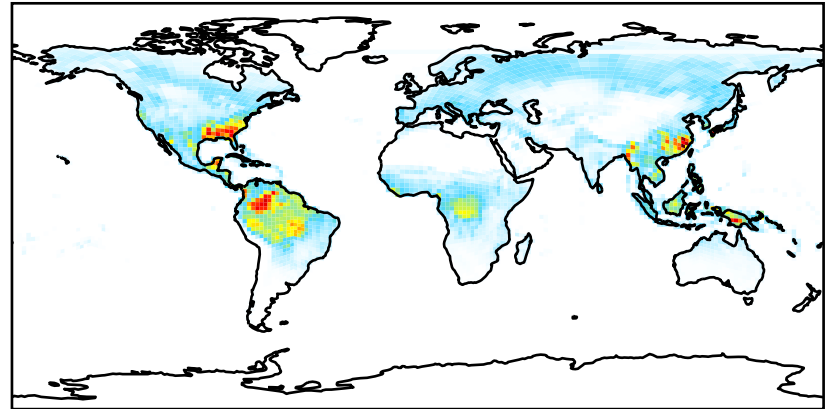


EmisEOH_Biogenic

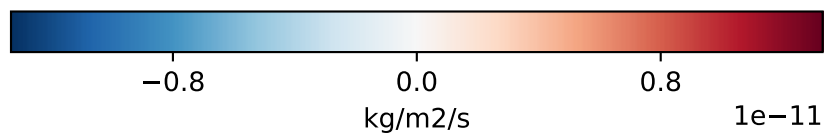
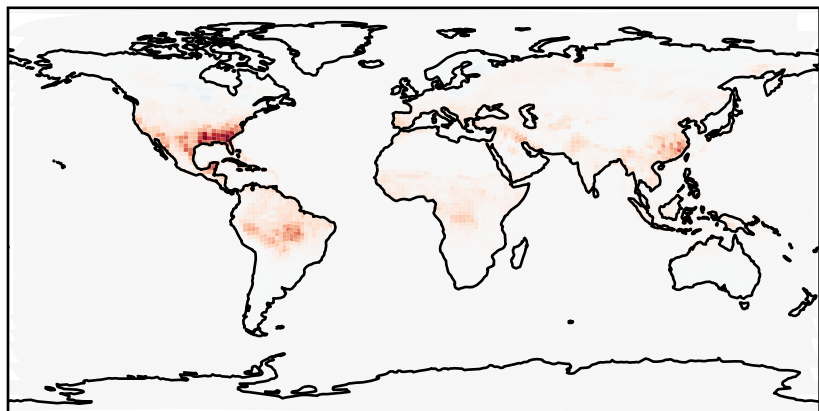
GCHP_12.4.0 (Ref)
c48



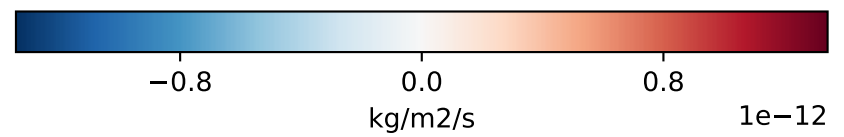
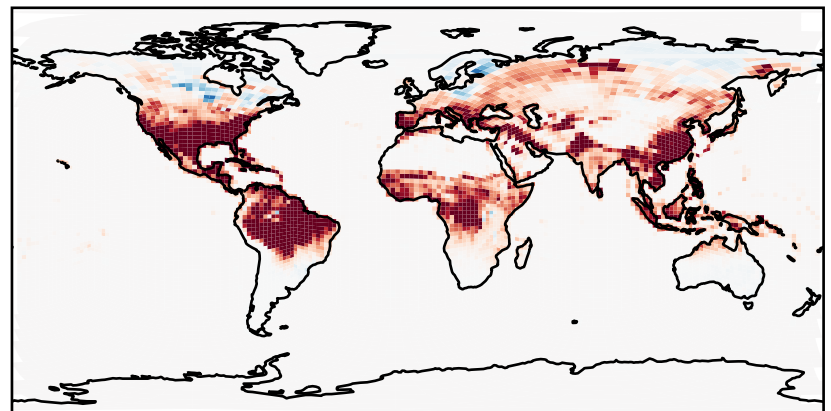
GCHP_12.5.0 (Dev)
c48



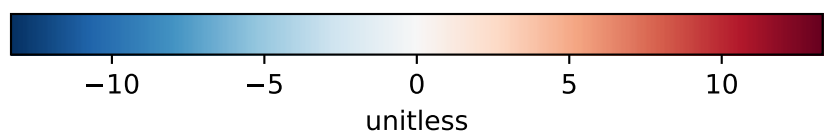
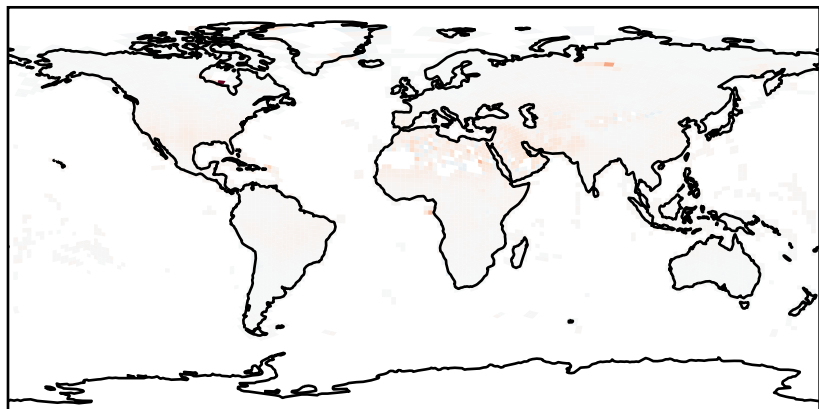
Difference
Dev - Ref, Dynamic Range



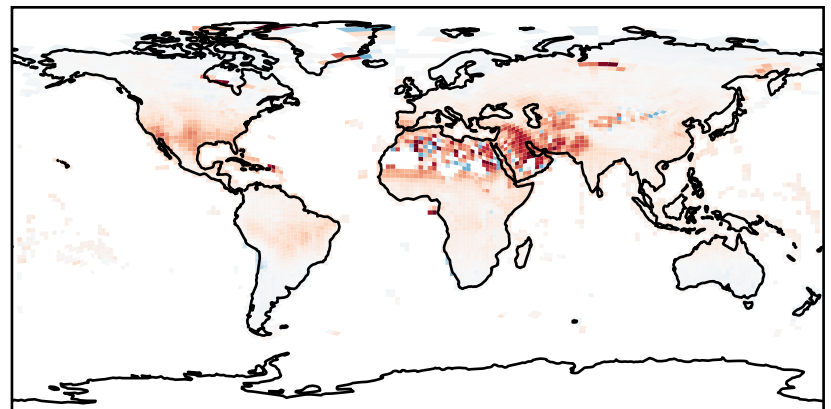
Difference
Dev - Ref, Restricted Range [5%,95%]



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

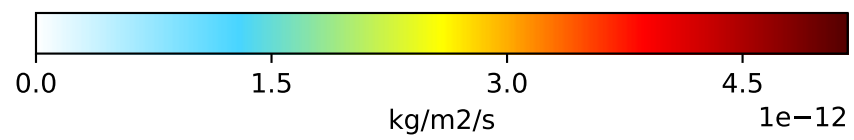
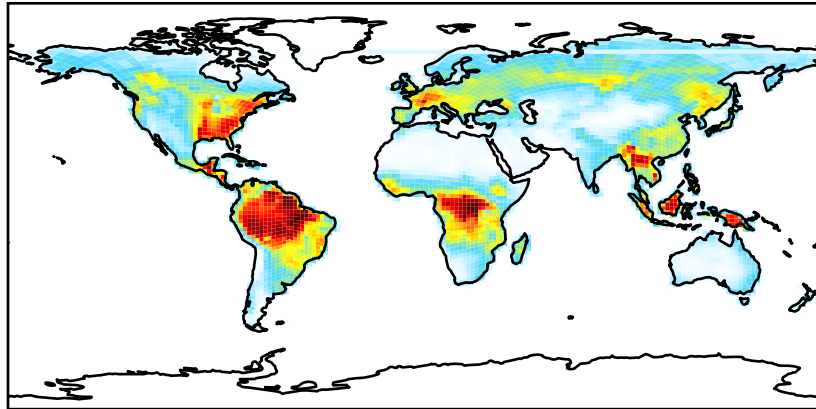


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

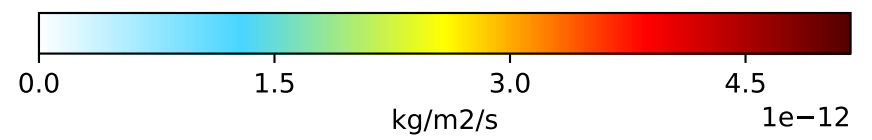
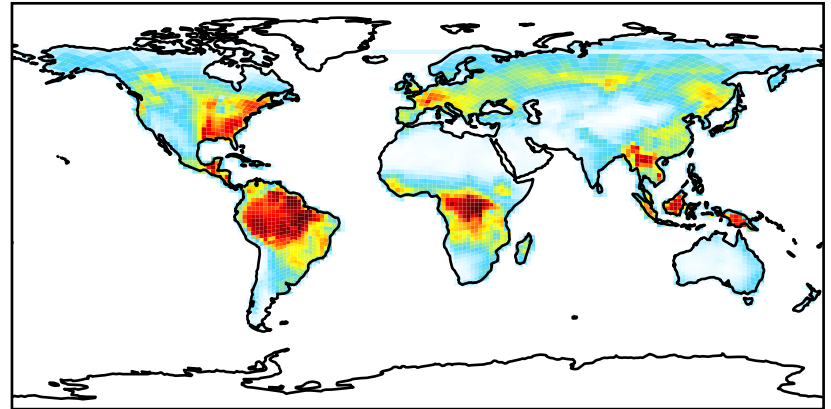


EmisEOH_PlantDecay

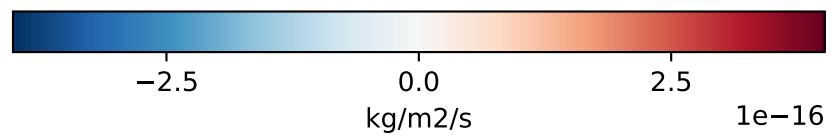
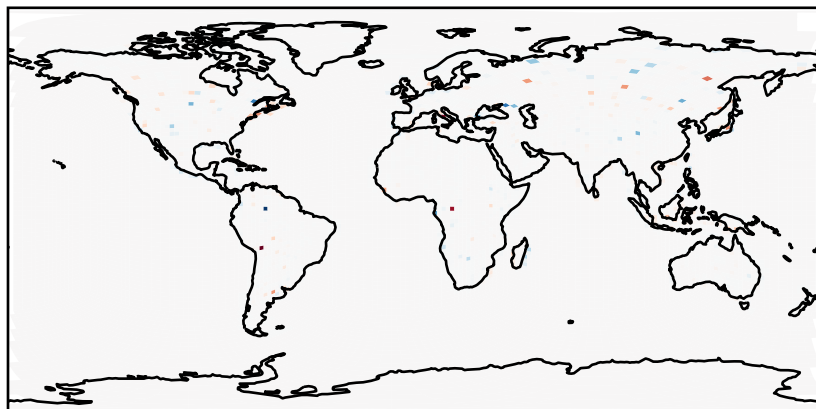
GCHP_12.4.0 (Ref)
c48



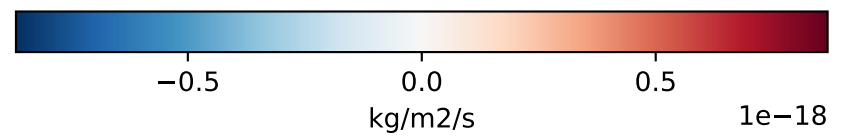
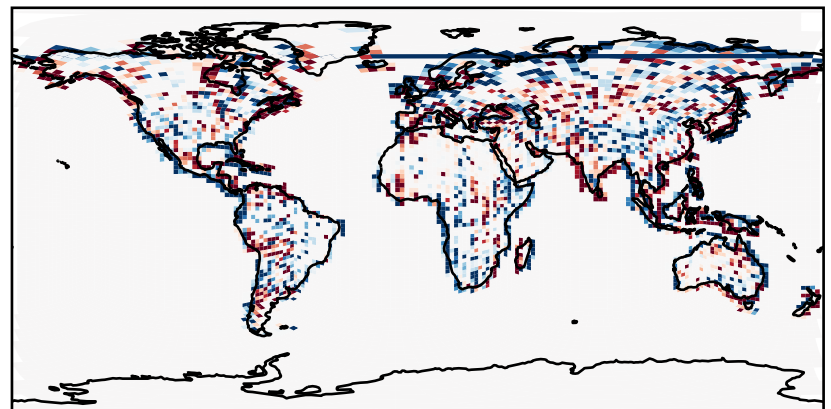
GCHP_12.5.0 (Dev)
c48



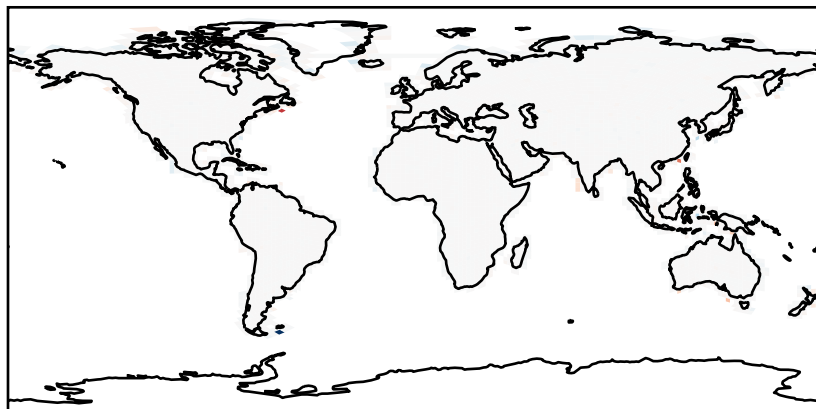
Difference
Dev - Ref, Dynamic Range



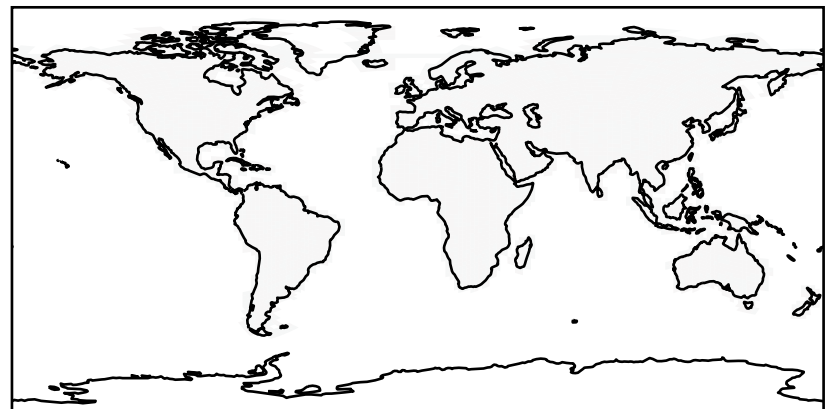
Difference
Dev - Ref, Restricted Range [5%,95%]



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

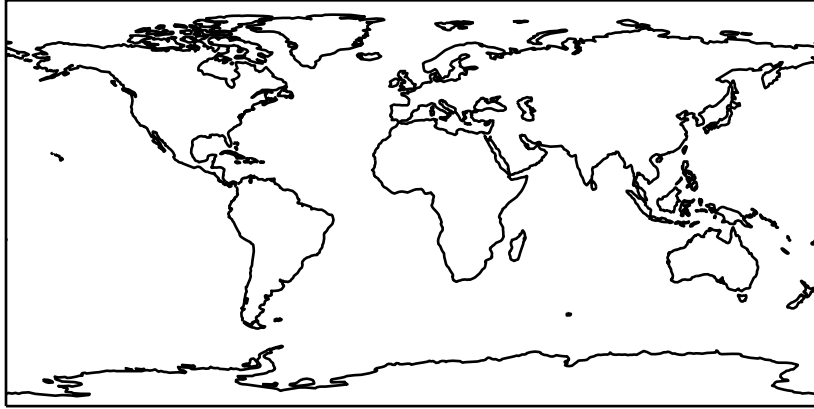


Fractional Difference
(Dev-Ref)/Ref, Fixed Range



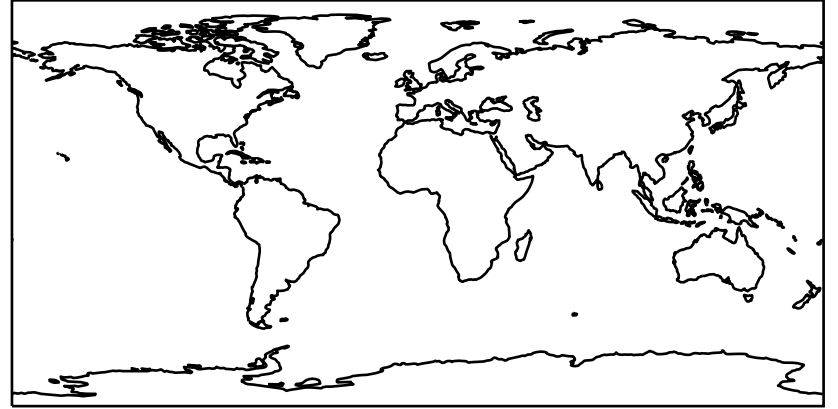
EmisEOH_Ship

GCHP_12.4.0 (Ref)
c48



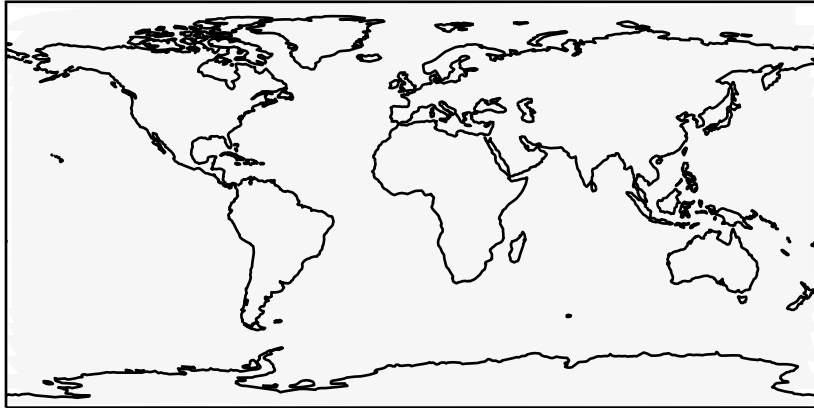
Zero throughout domain
kg/m2/s

GCHP_12.5.0 (Dev)
c48



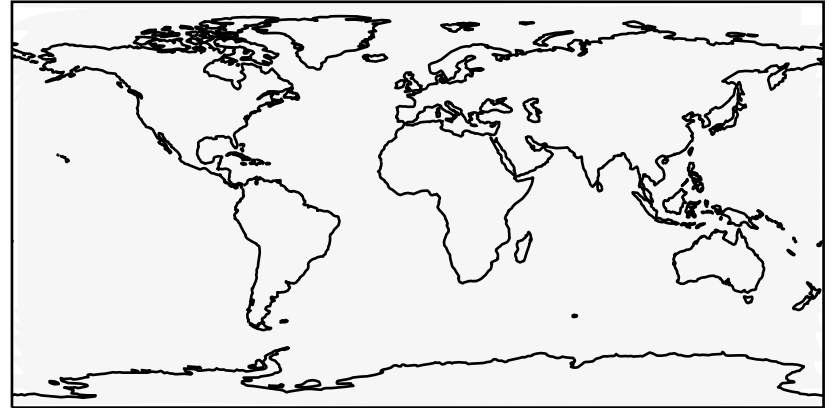
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



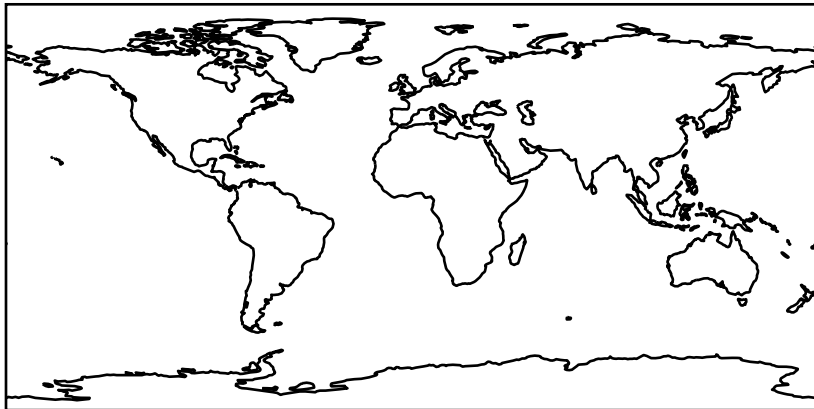
Zero throughout domain
kg/m2/s

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



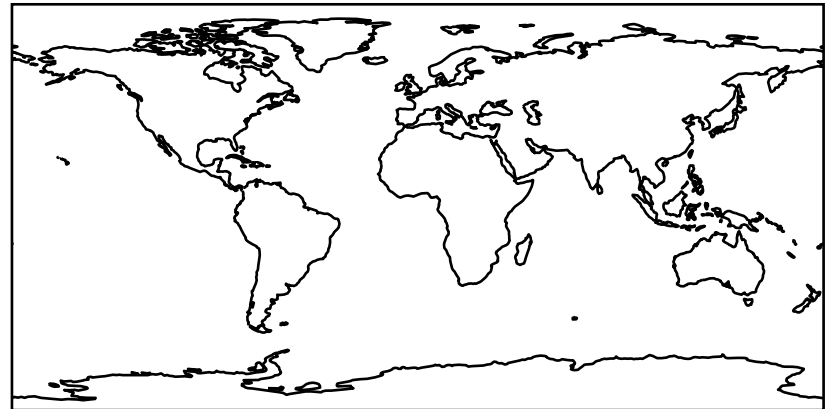
Zero throughout domain
kg/m2/s

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



Undefined throughout domain
unitless

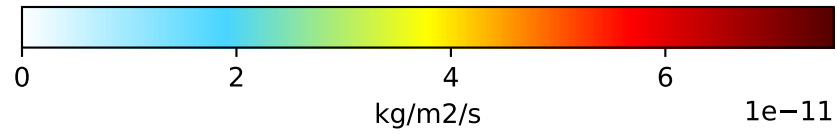
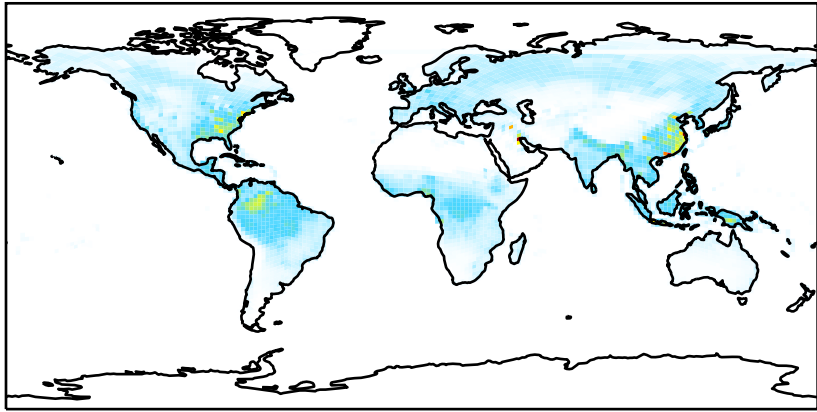
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



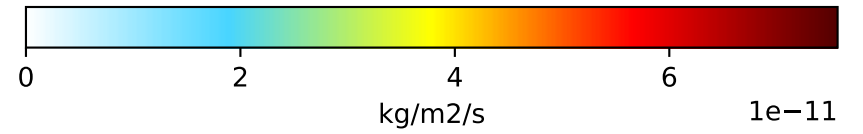
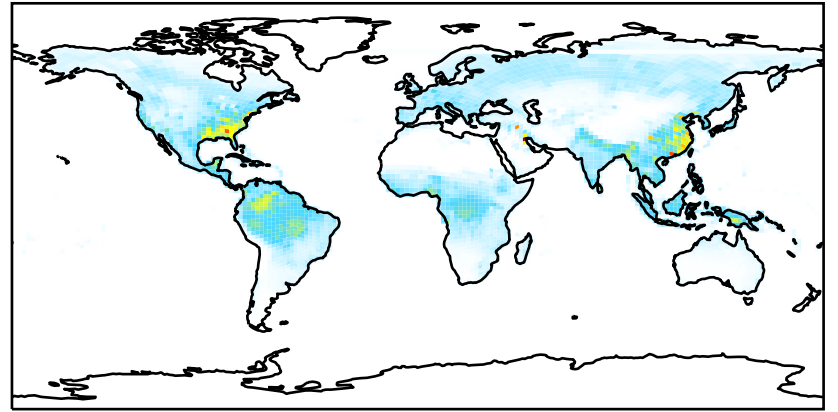
Undefined throughout domain
unitless

EmisEOH_Total

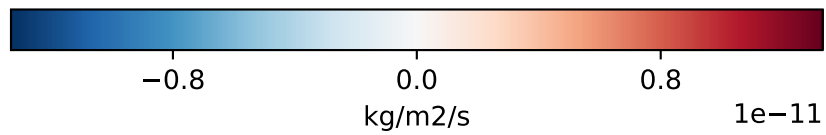
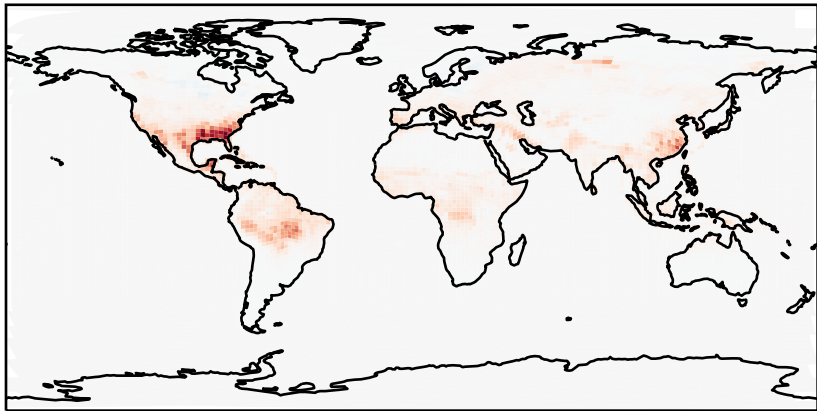
GCHP_12.4.0 (Ref)
c48



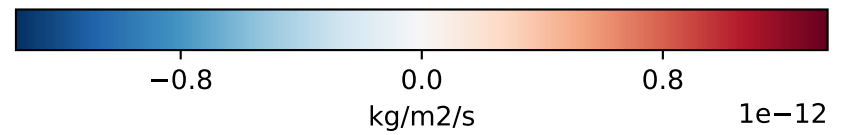
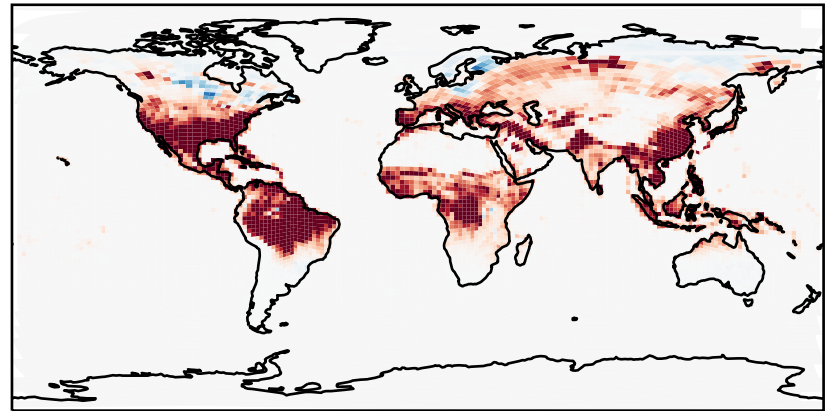
GCHP_12.5.0 (Dev)
c48



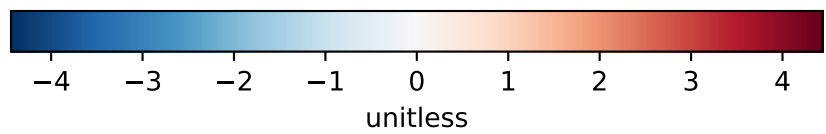
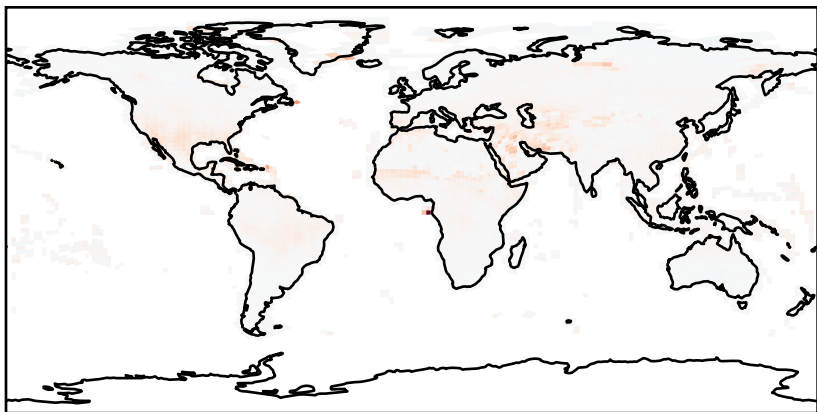
Difference
Dev - Ref, Dynamic Range



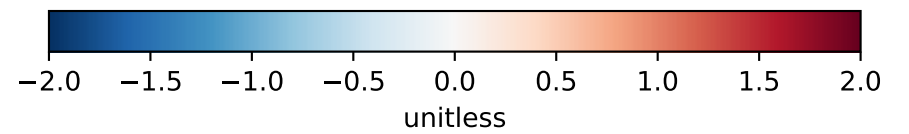
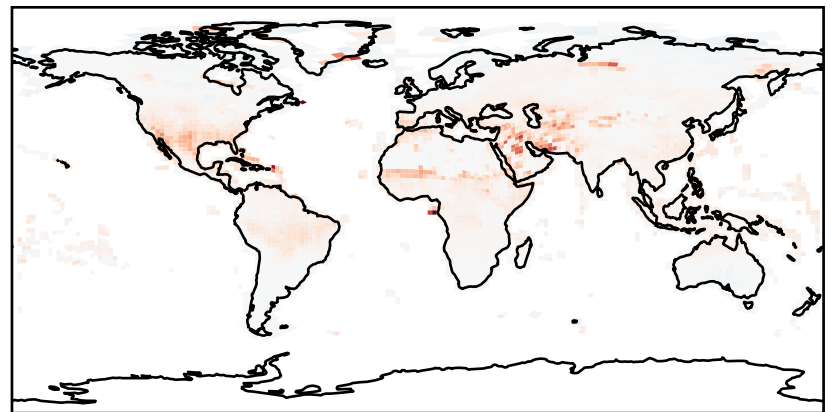
Difference
Dev - Ref, Restricted Range [5%,95%]



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

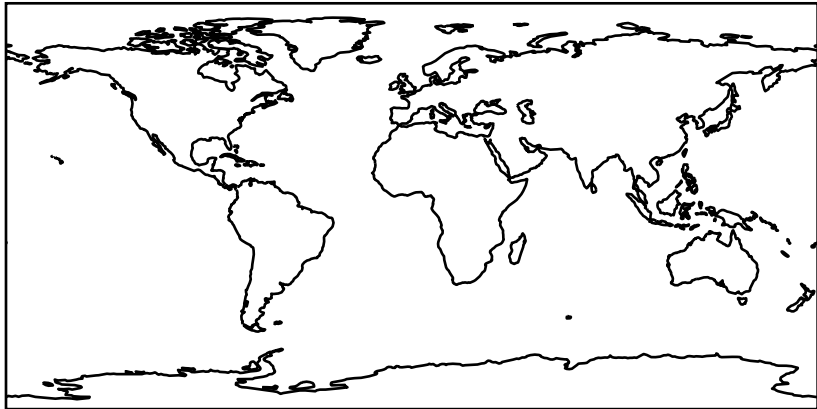


Fractional Difference
(Dev-Ref)/Ref, Fixed Range



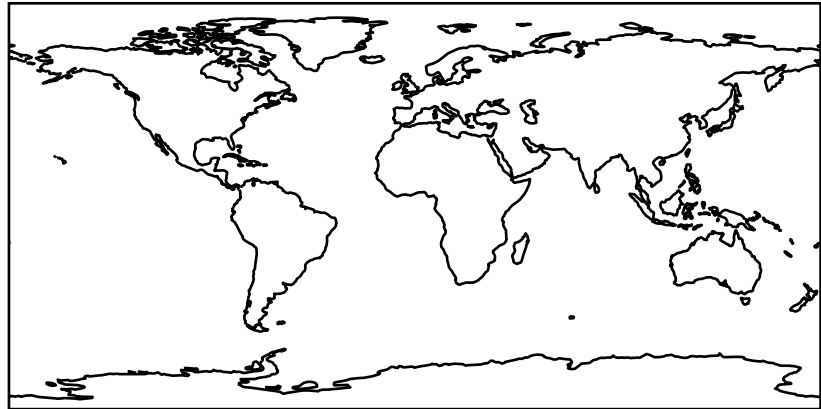
EmisMOH_Anthro

GCHP_12.4.0 (Ref)
c48



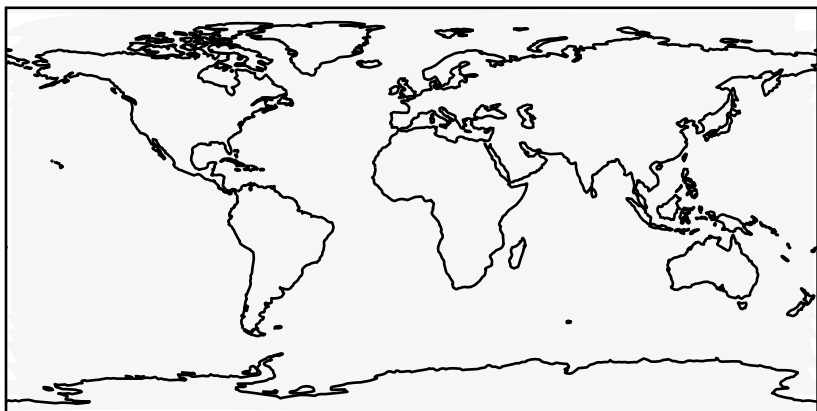
Zero throughout domain
kg/m2/s

GCHP_12.5.0 (Dev)
c48



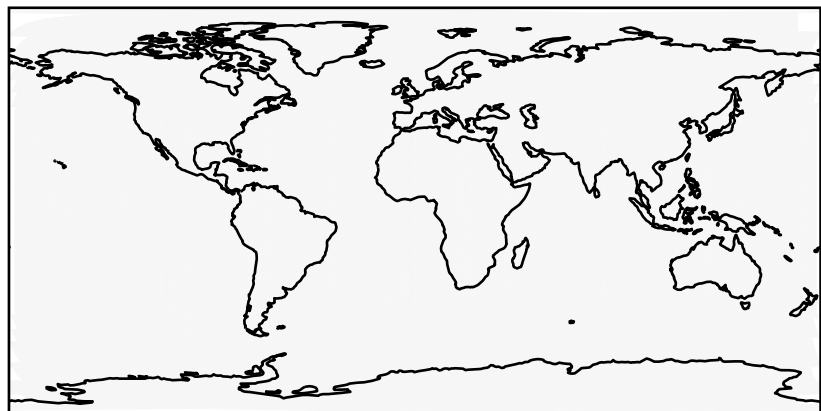
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



Zero throughout domain
kg/m2/s

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



Zero throughout domain
kg/m2/s

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



Undefined throughout domain
unitless

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



Undefined throughout domain
unitless

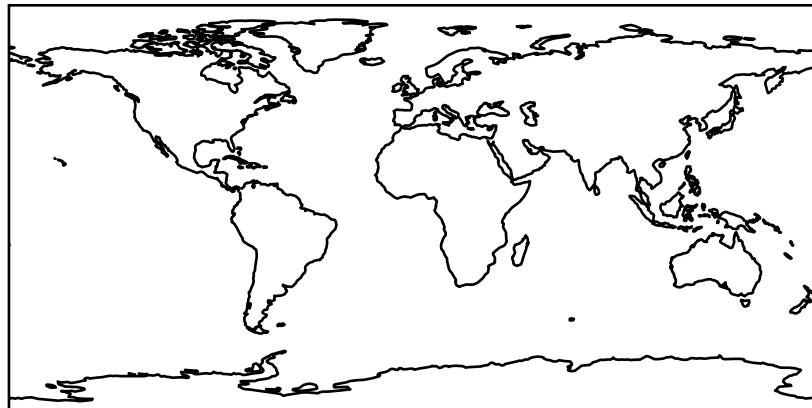
EmisMOH_Ship

GCHP_12.4.0 (Ref)
c48



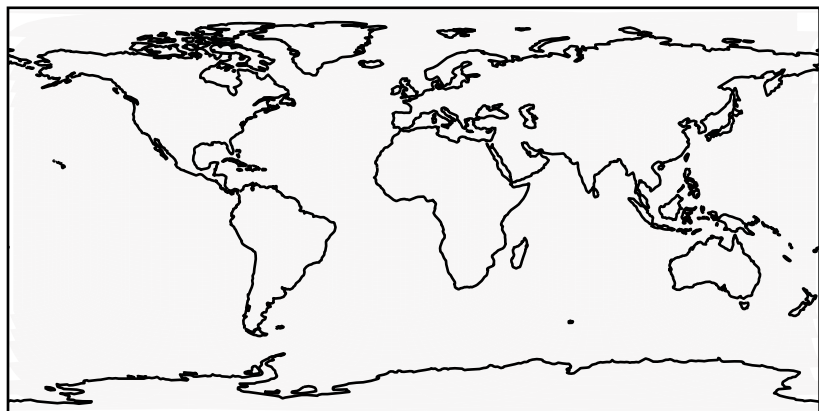
Zero throughout domain
kg/m2/s

GCHP_12.5.0 (Dev)
c48



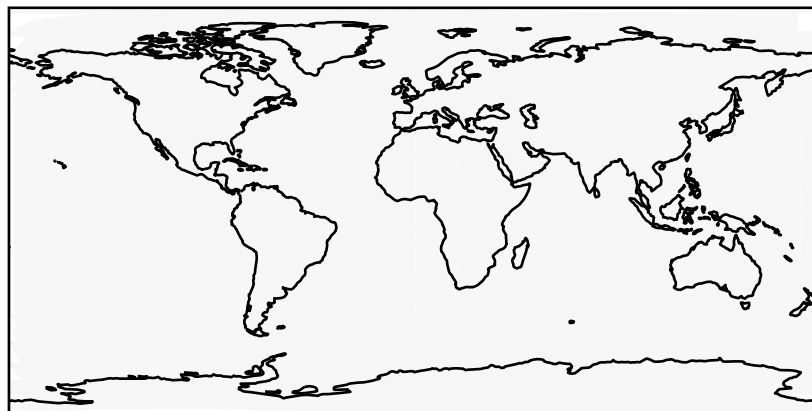
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



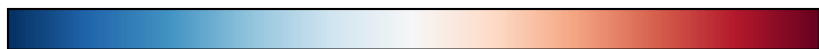
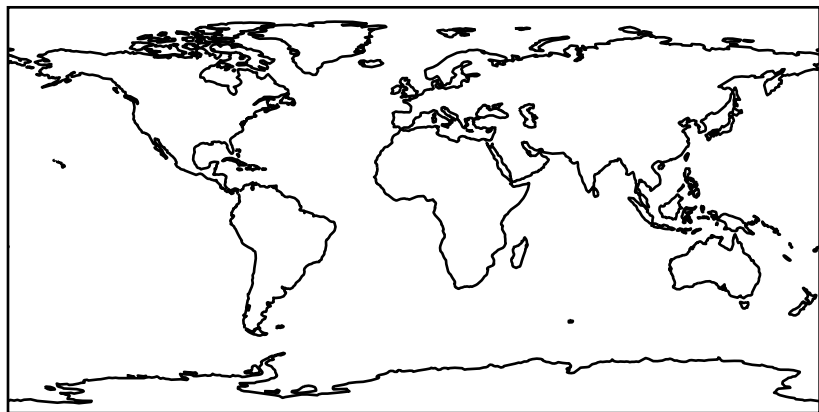
Zero throughout domain
kg/m2/s

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



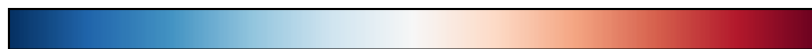
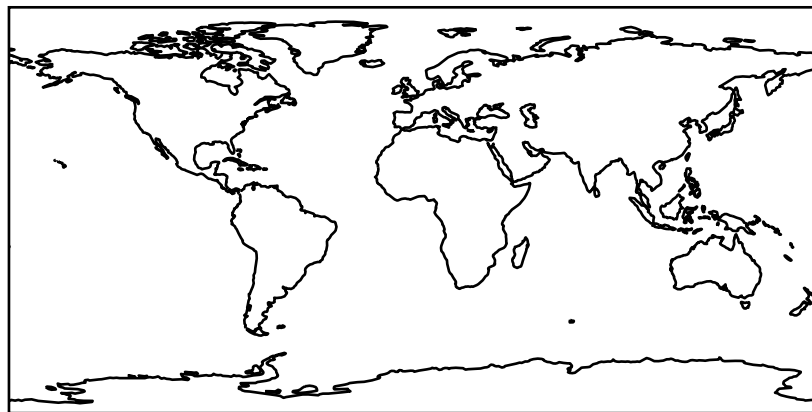
Zero throughout domain
kg/m2/s

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



Undefined throughout domain
unitless

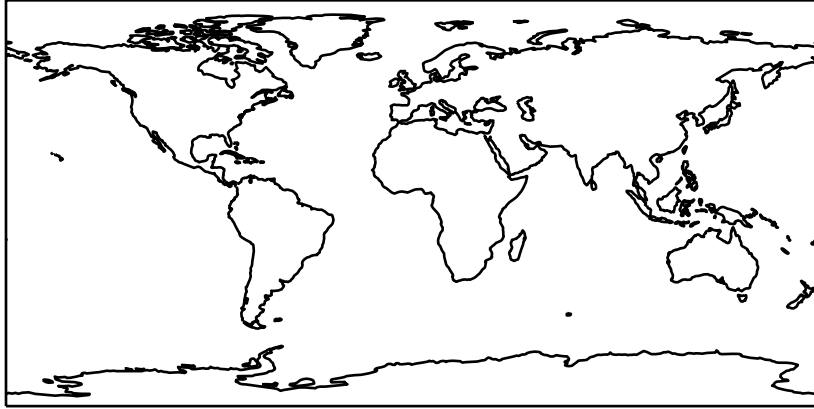
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



Undefined throughout domain
unitless

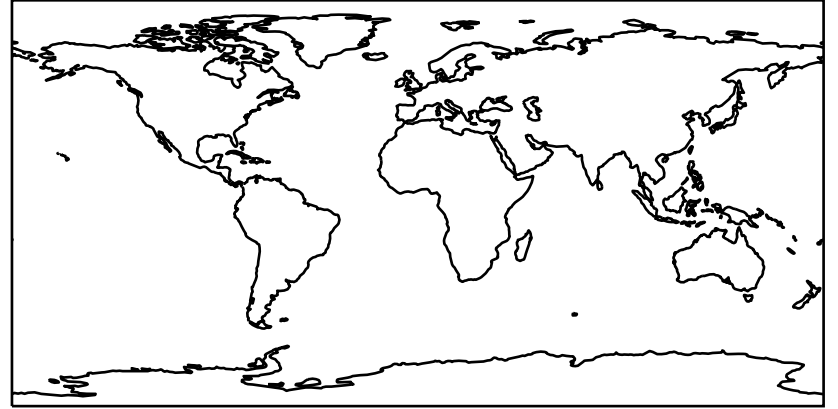
EmisMOH_Total

GCHP_12.4.0 (Ref)
c48



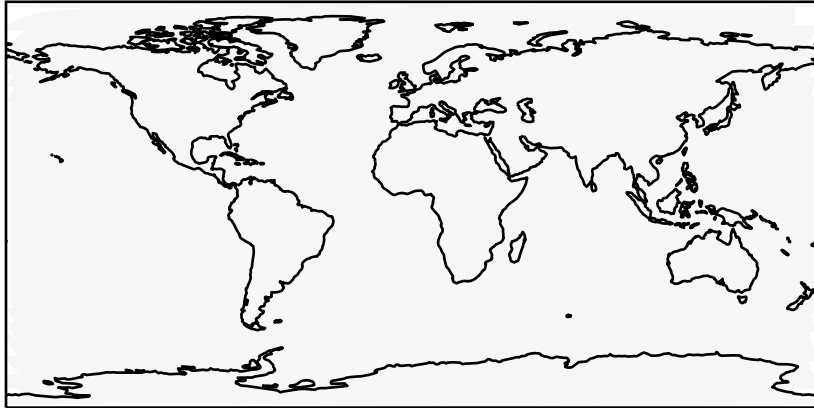
Zero throughout domain
kg/m2/s

GCHP_12.5.0 (Dev)
c48



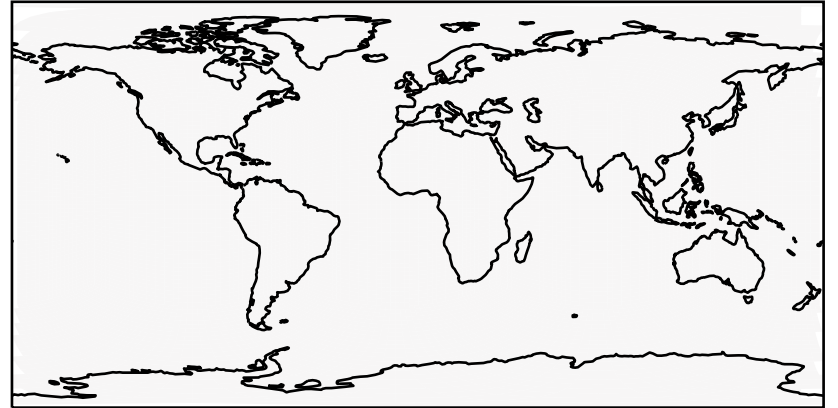
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



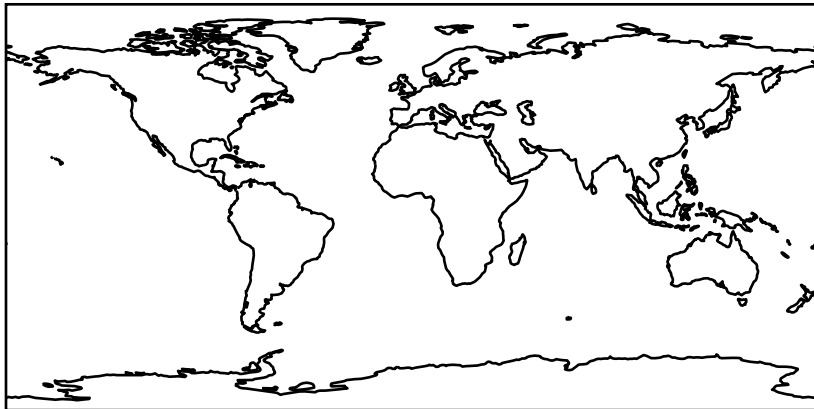
Zero throughout domain
kg/m2/s

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



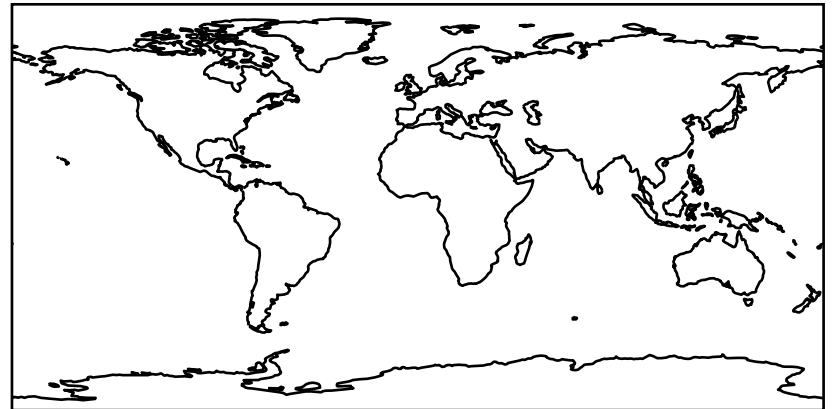
Zero throughout domain
kg/m2/s

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



Undefined throughout domain
unitless

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



Undefined throughout domain
unitless