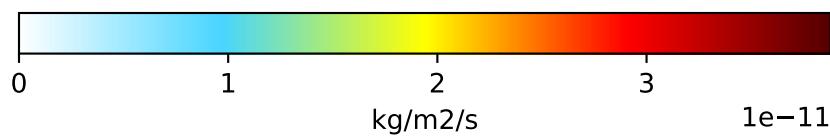
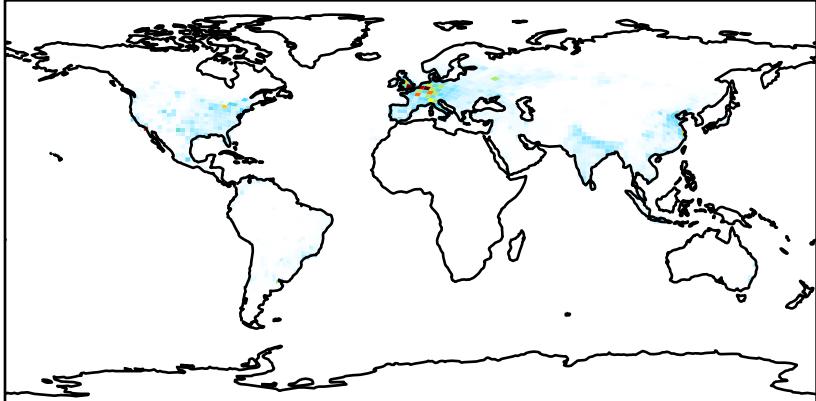
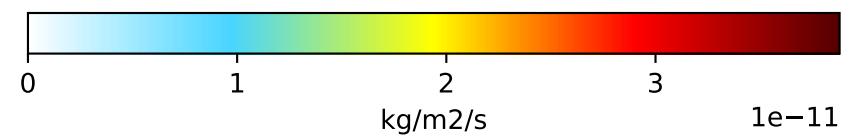
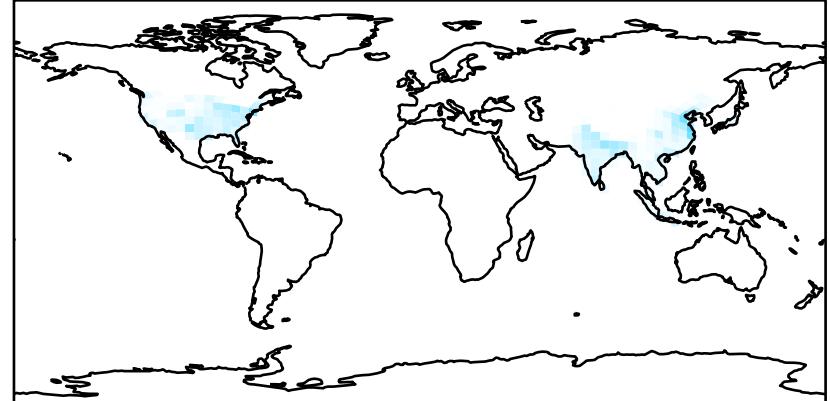


EmisACET_Anthro

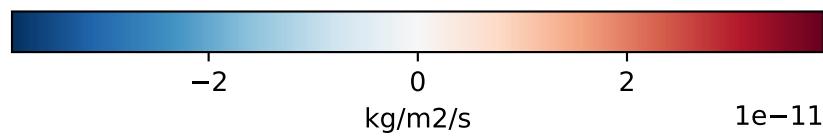
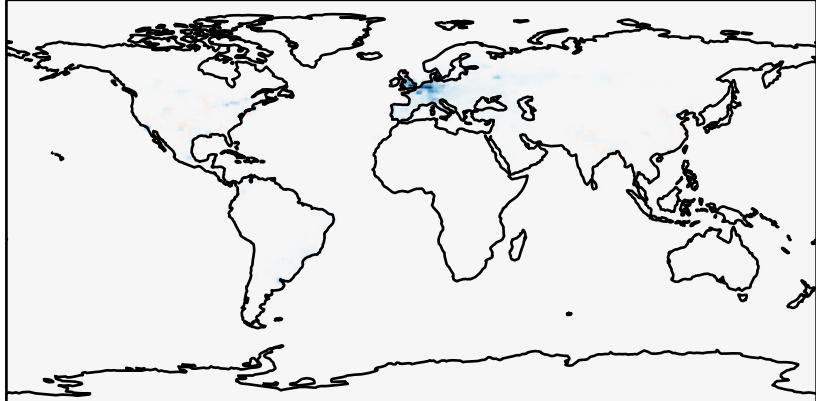
GCHP_12.4.0 (Ref)
c48



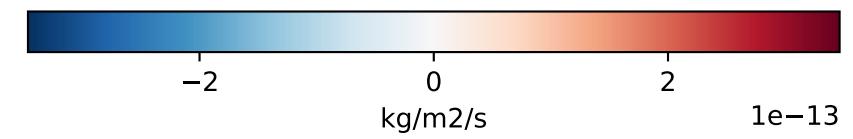
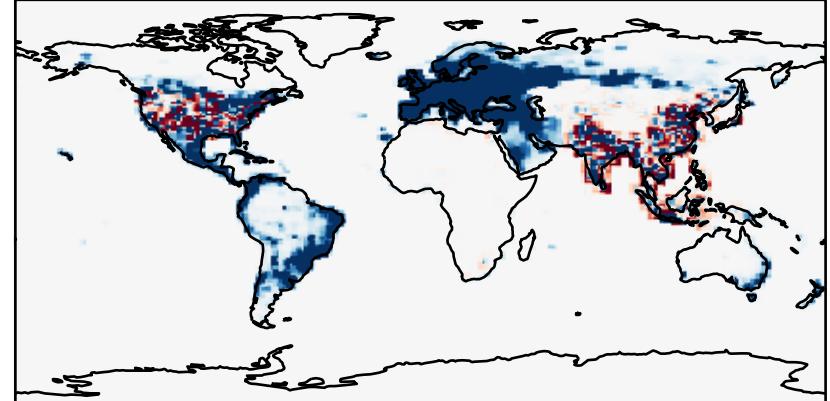
GCHP_12.5.0_c24 (Dev)
c24



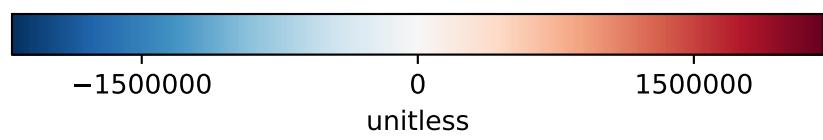
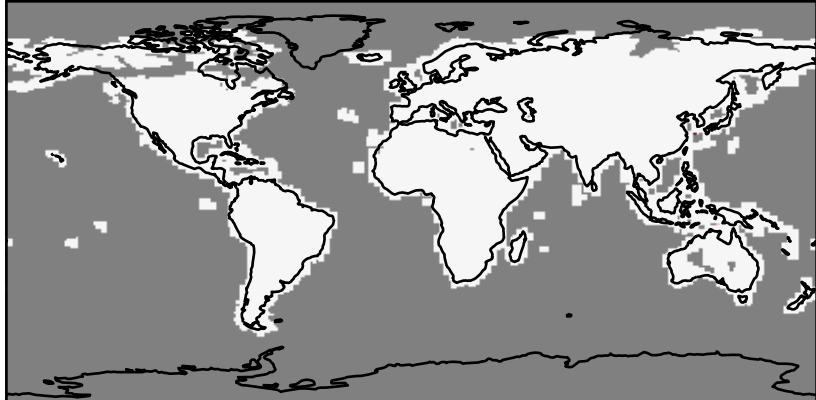
Difference (1x1.25)
Dev - Ref, Dynamic Range



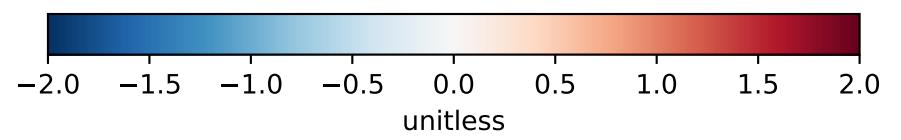
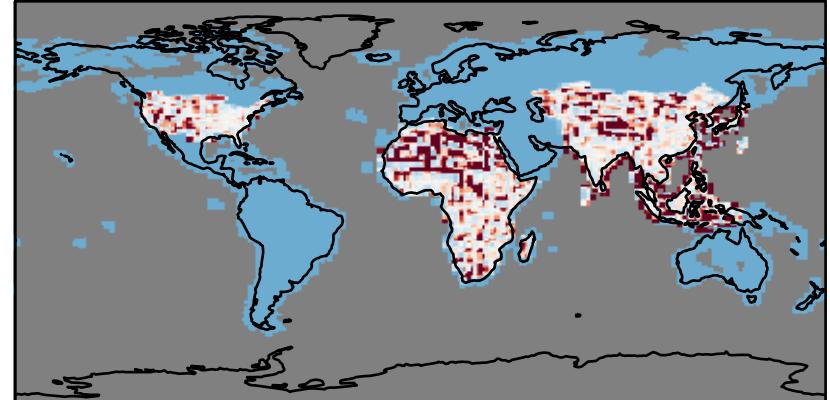
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

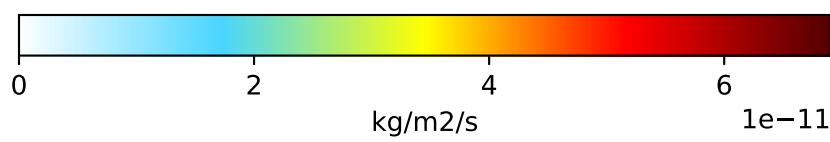
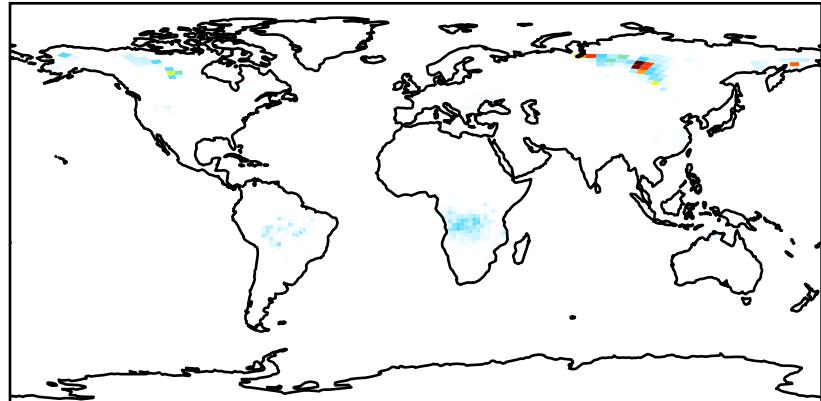


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

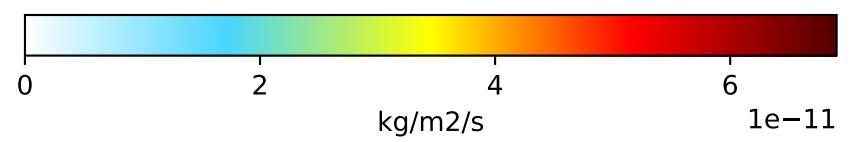
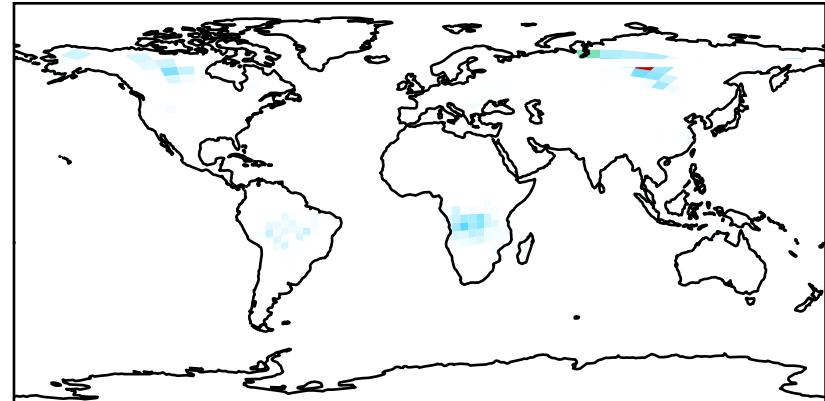


EmisACET_BioBurn

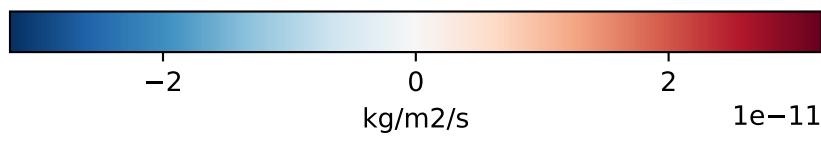
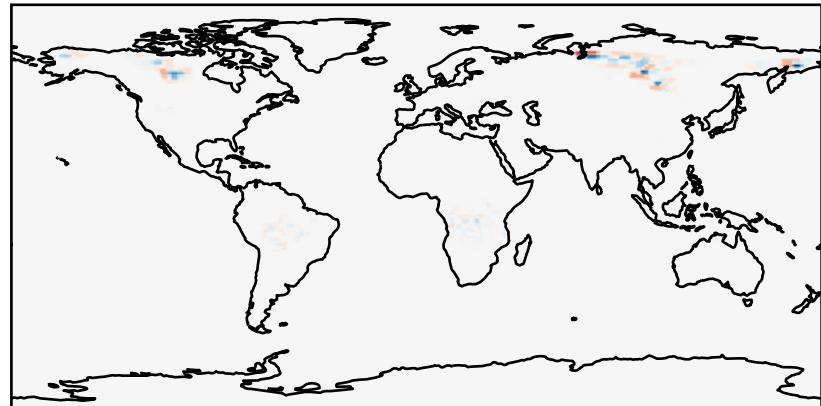
GCHP_12.4.0 (Ref)
c48



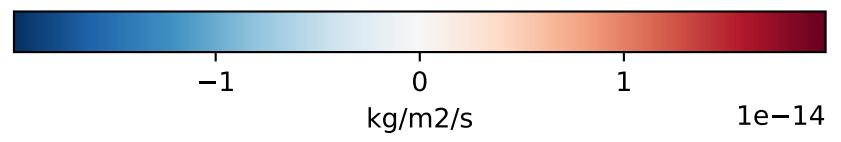
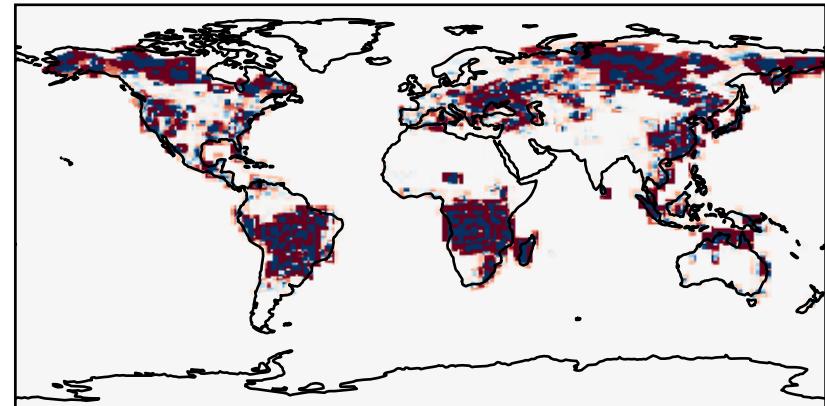
GCHP_12.5.0_c24 (Dev)
c24



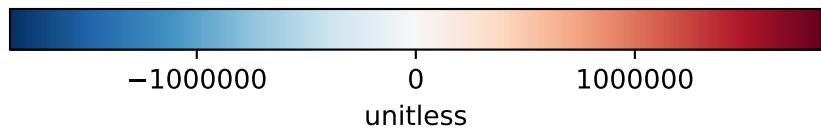
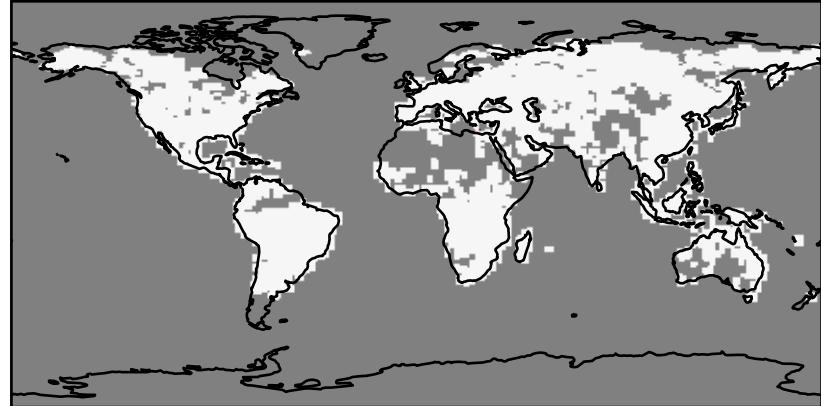
Difference (1x1.25)
Dev - Ref, Dynamic Range



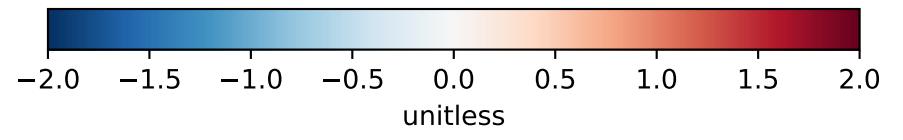
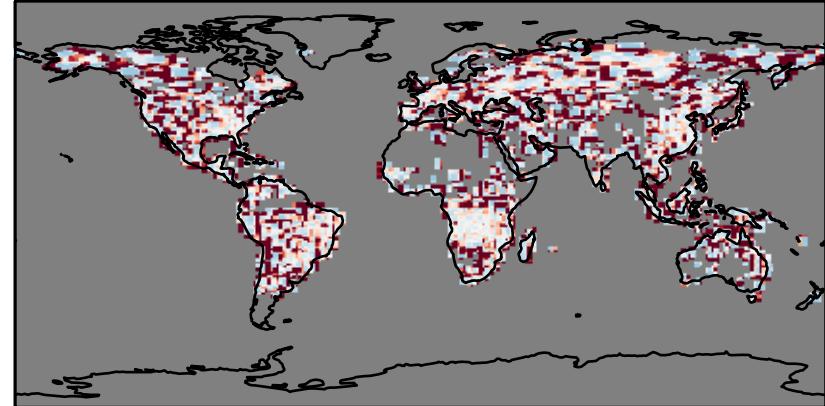
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

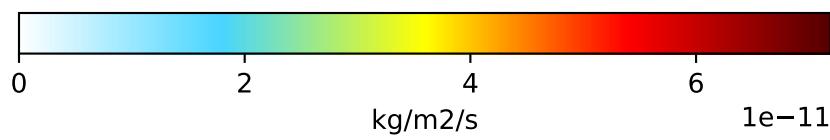
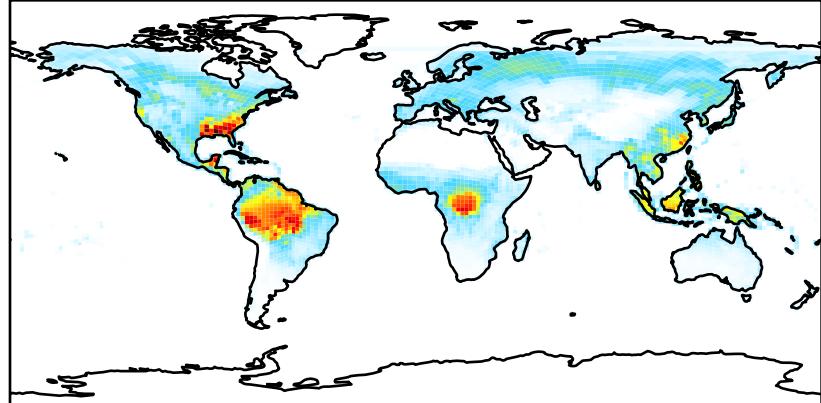


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

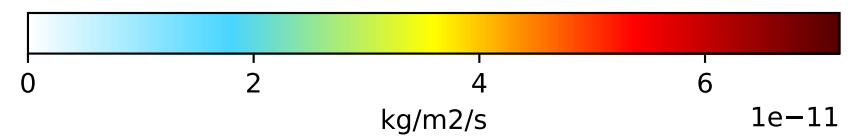
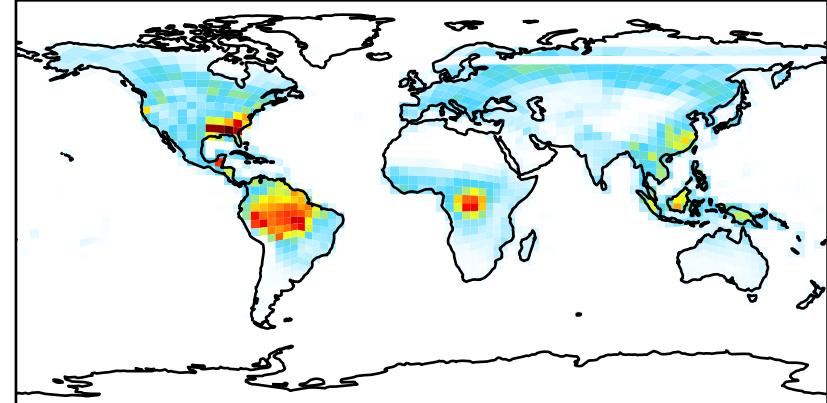


EmisACET_Biogenic

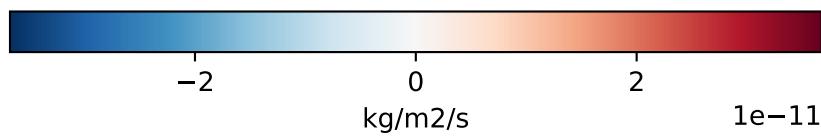
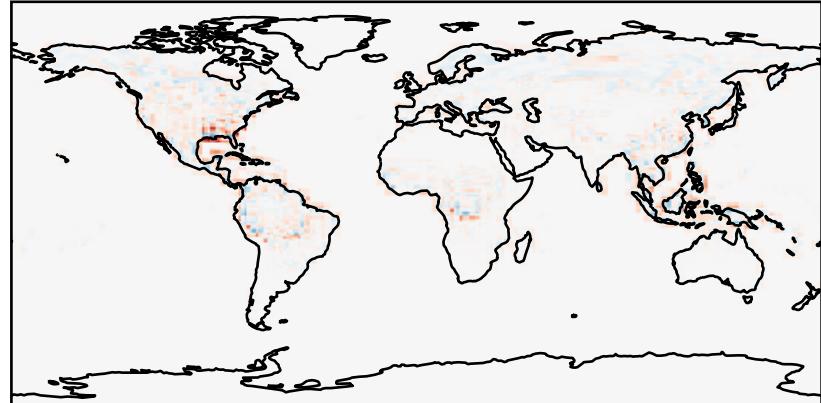
GCHP_12.4.0 (Ref)
c48



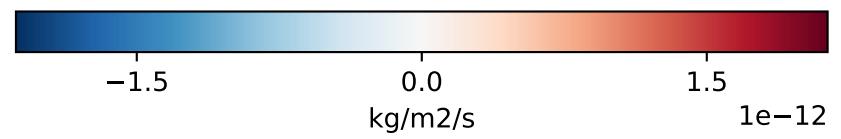
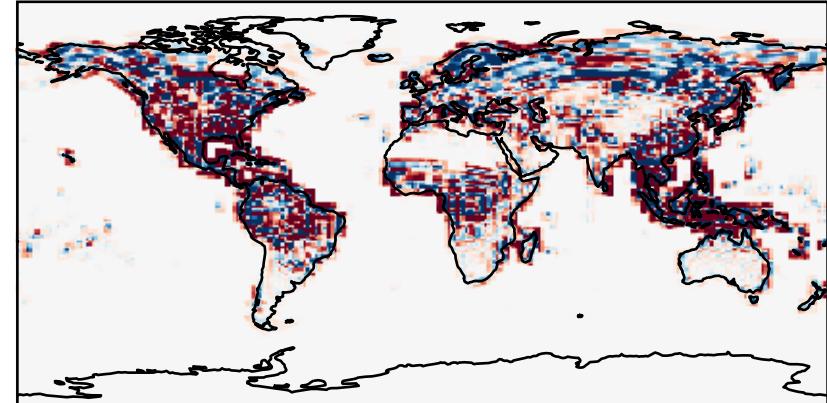
GCHP_12.5.0_c24 (Dev)
c24



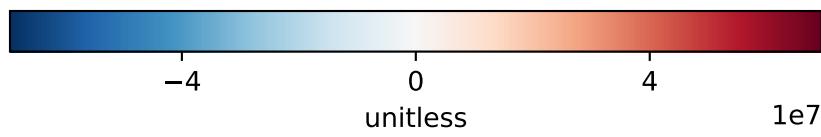
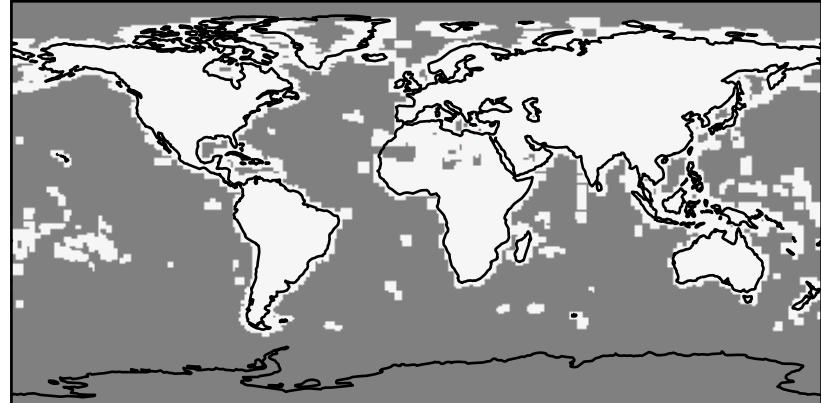
Difference (1x1.25)
Dev - Ref, Dynamic Range



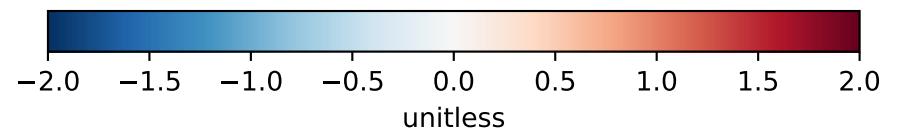
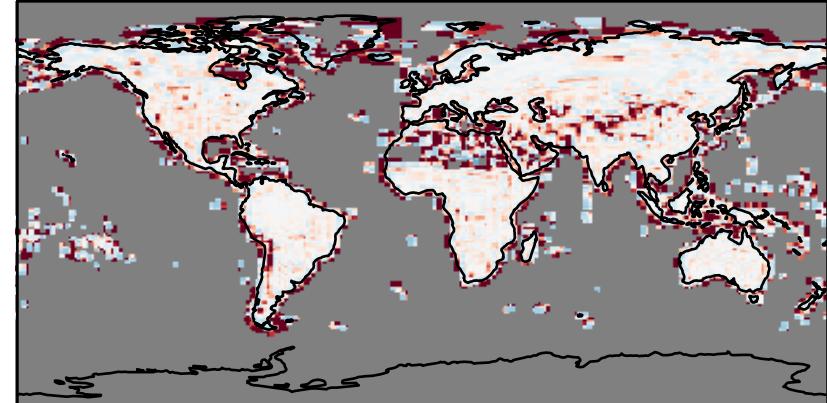
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

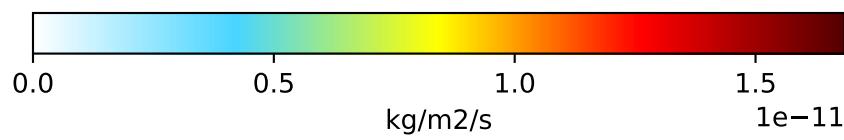
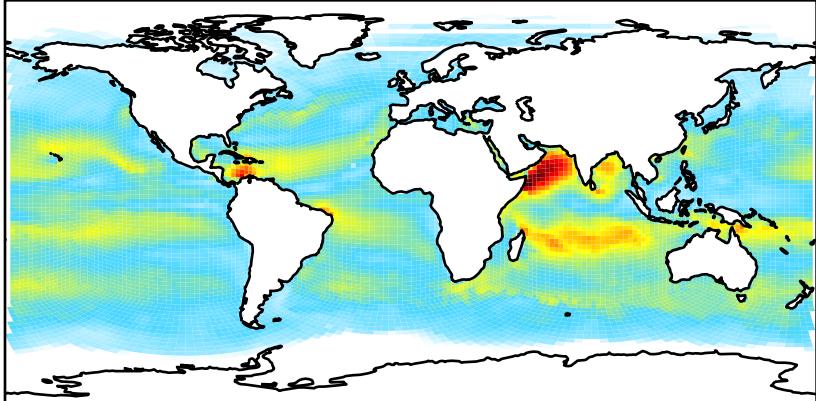


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

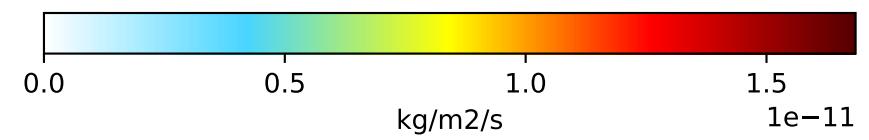
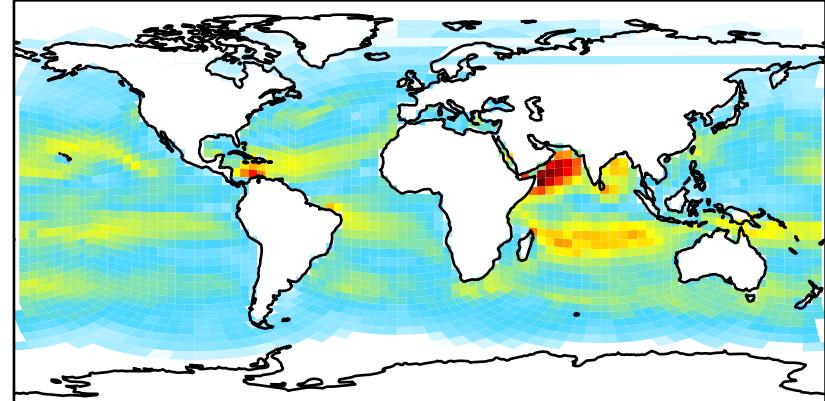


EmisACET_Ocean

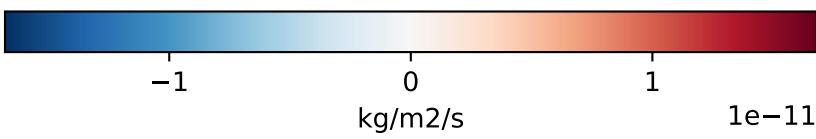
GCHP_12.4.0 (Ref)
c48



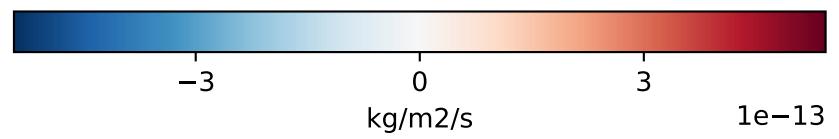
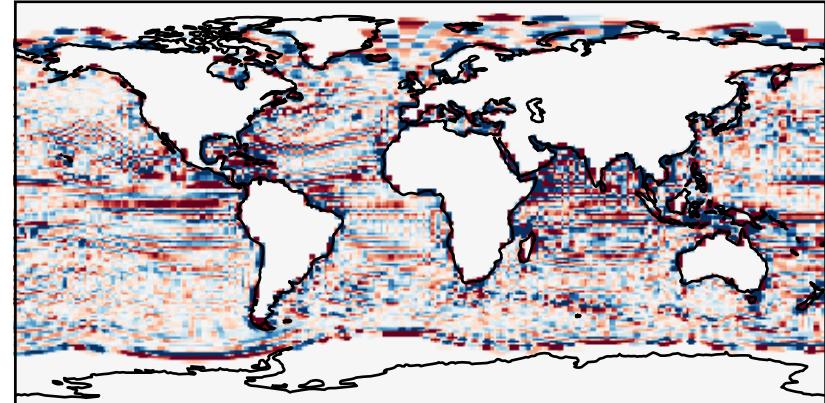
GCHP_12.5.0_c24 (Dev)
c24



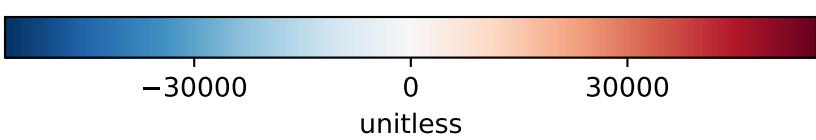
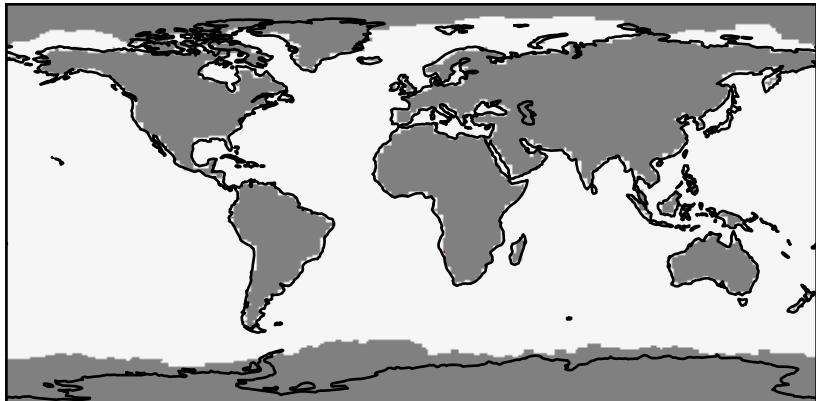
Difference (1x1.25)
Dev - Ref, Dynamic Range



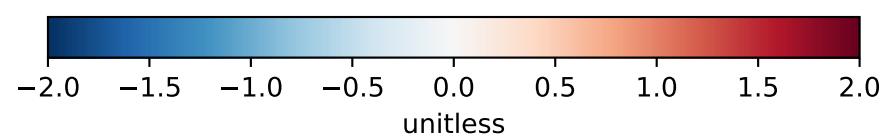
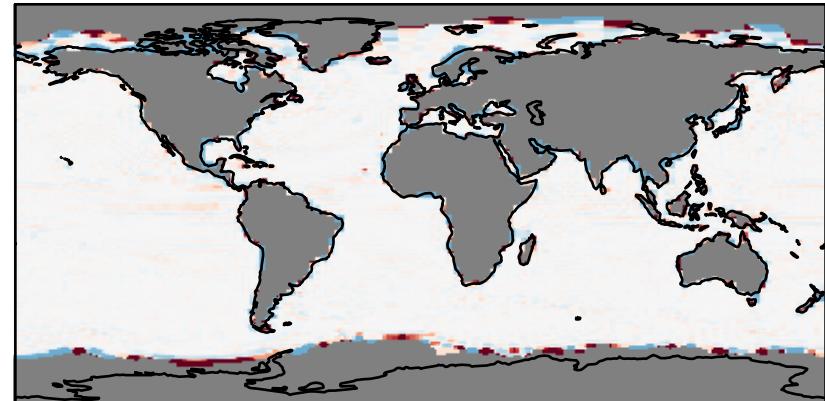
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

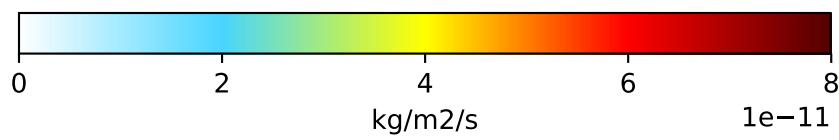
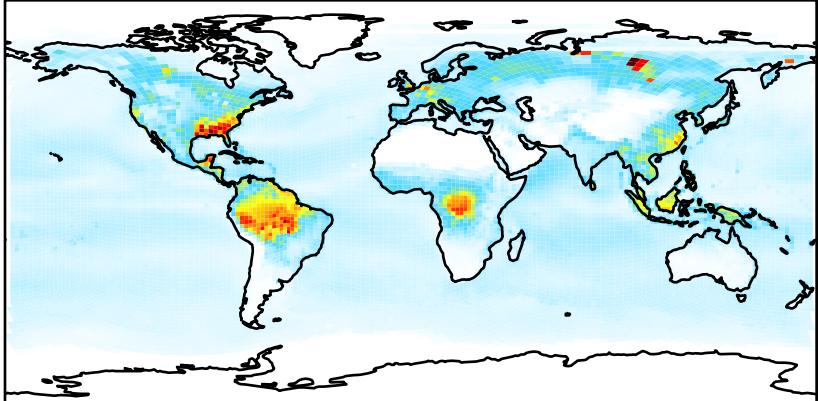


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

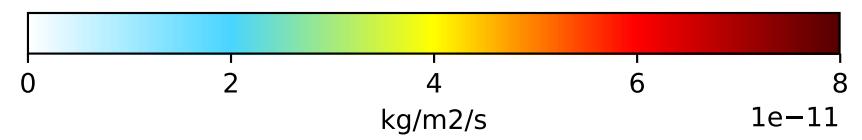
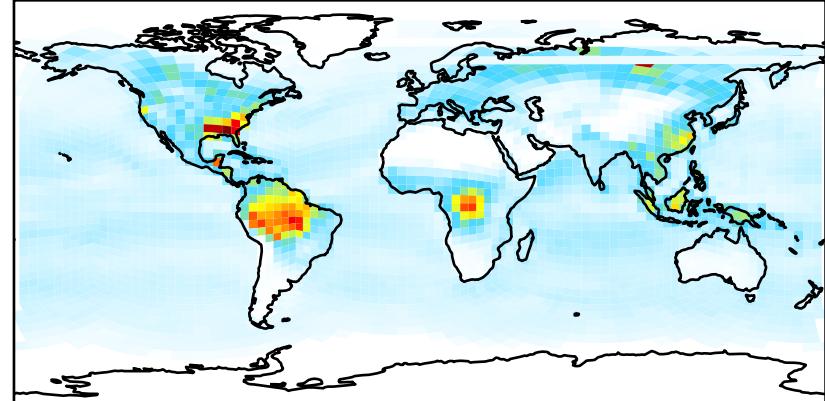


EmisACET_Total

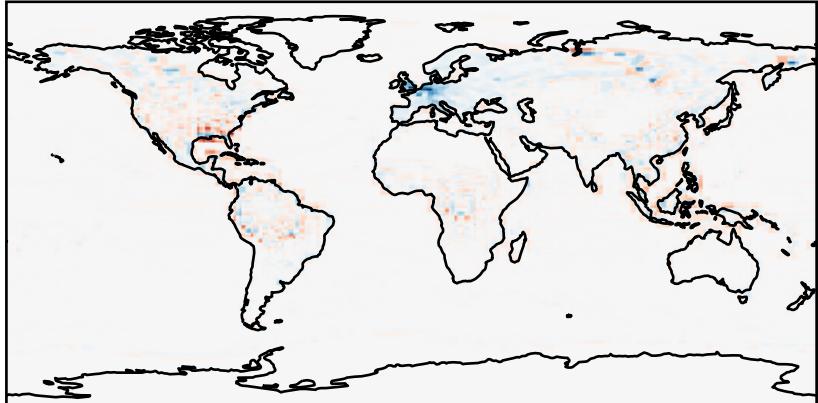
GCHP_12.4.0 (Ref)
c48



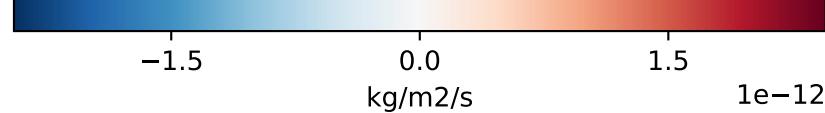
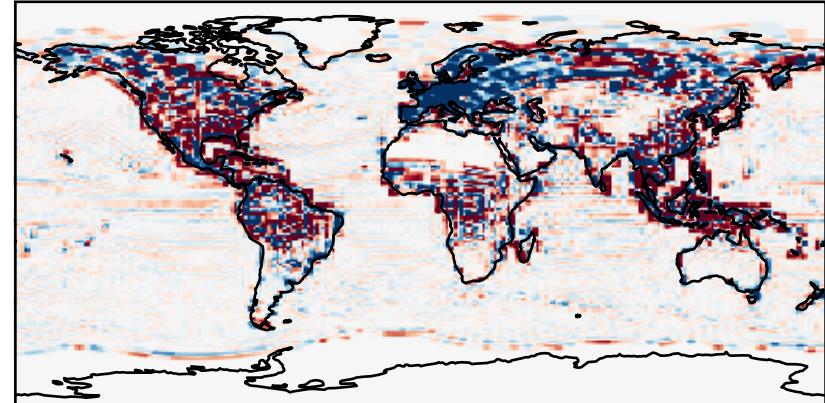
GCHP_12.5.0_c24 (Dev)
c24



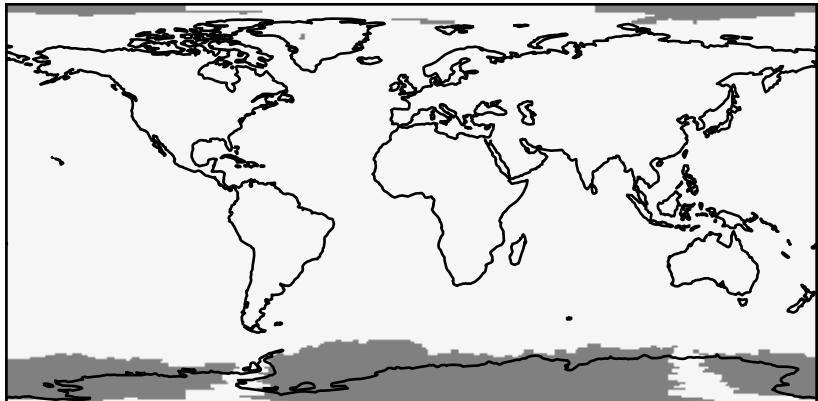
Difference (1x1.25)
Dev - Ref, Dynamic Range



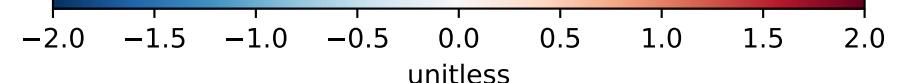
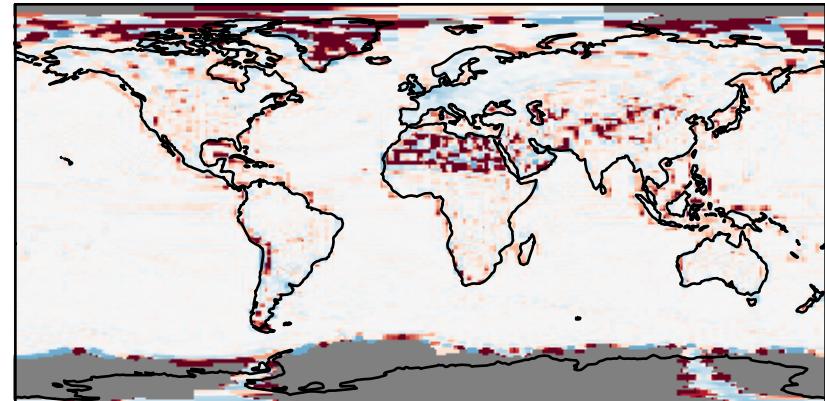
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

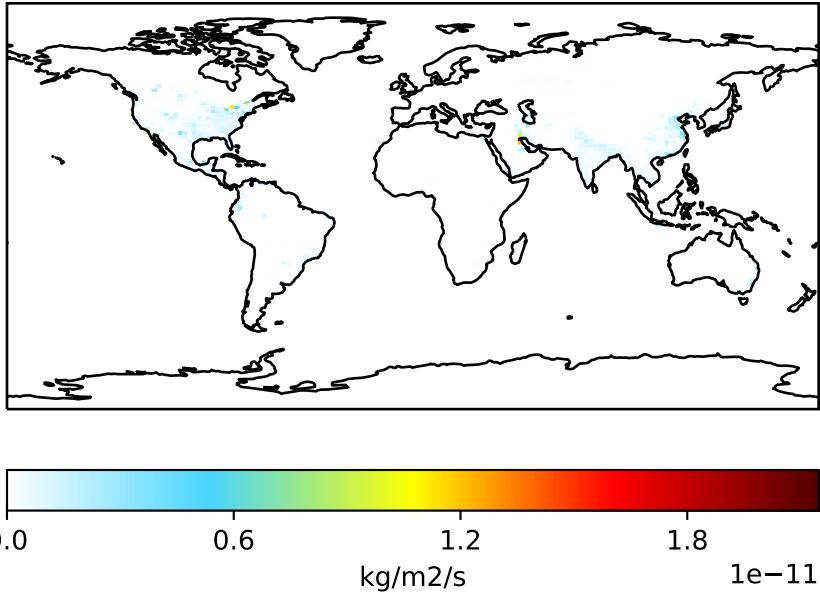


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

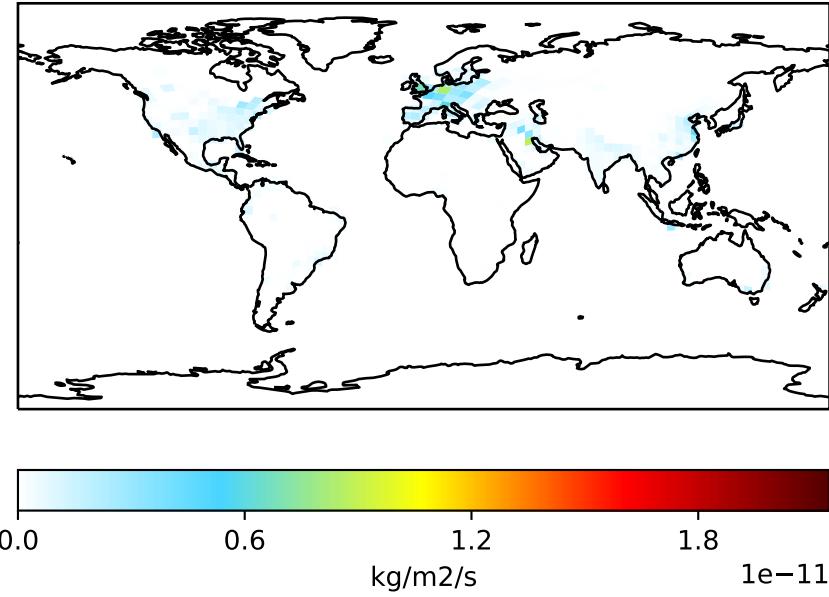


EmisMEK_Anthro

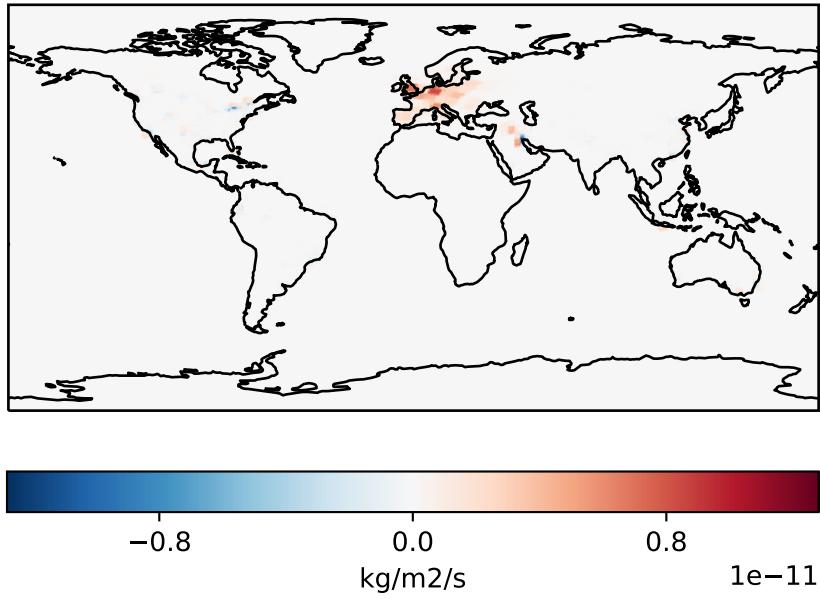
GCHP_12.4.0 (Ref)
c48



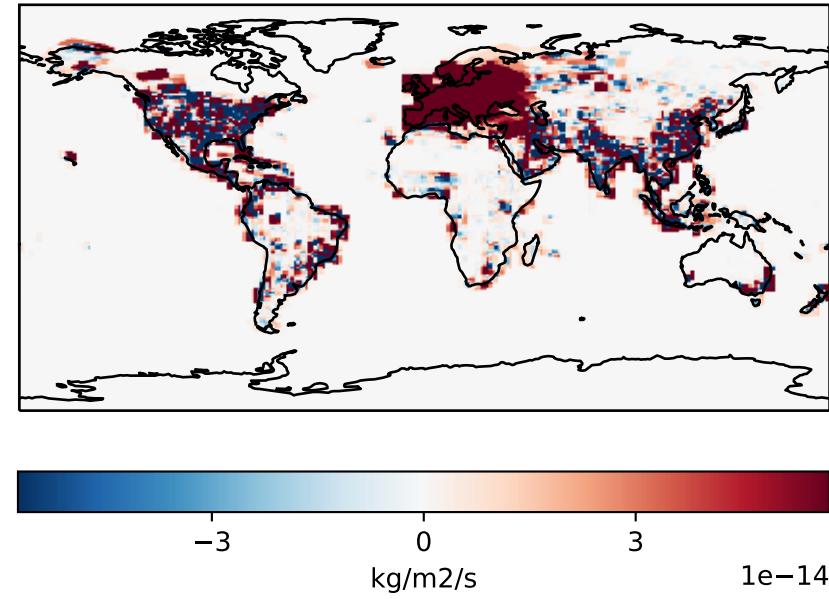
GCHP_12.5.0_c24 (Dev)
c24



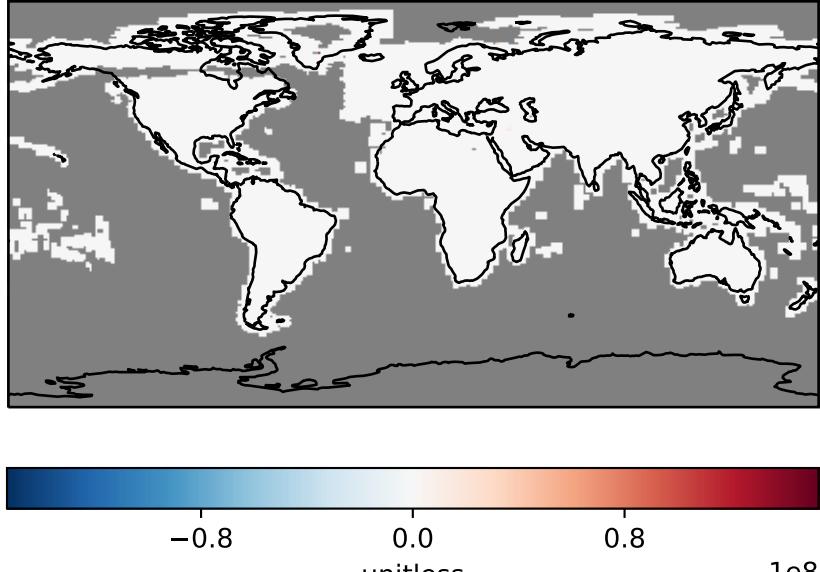
Difference (1x1.25)
Dev - Ref, Dynamic Range



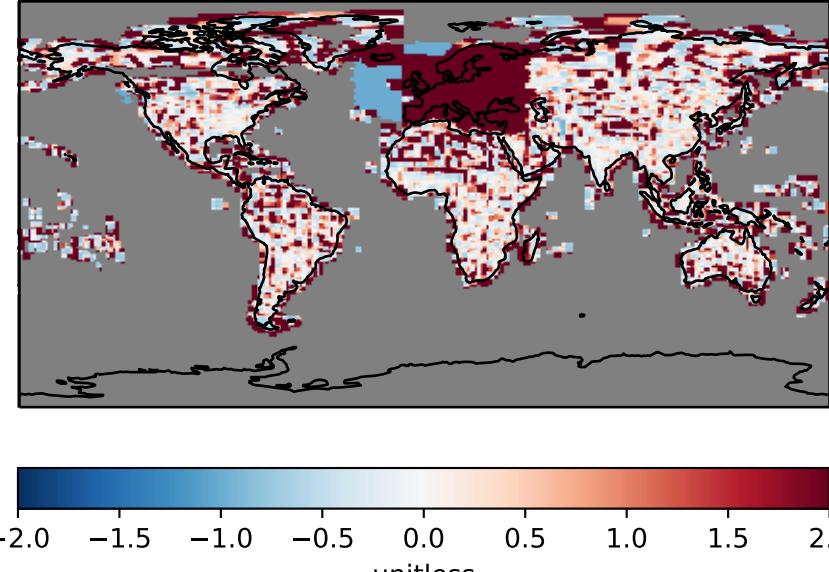
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

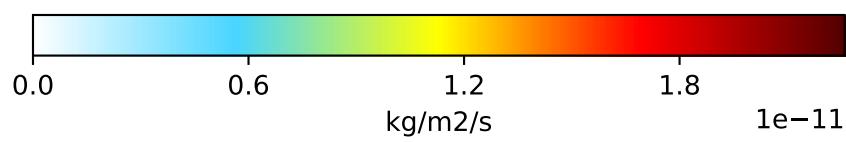
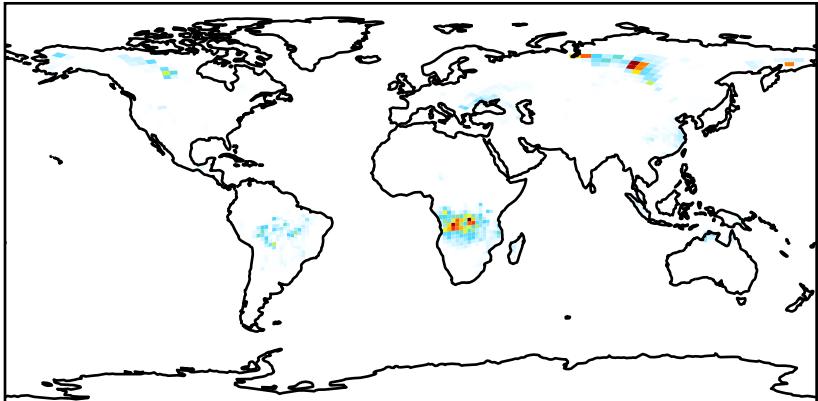


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

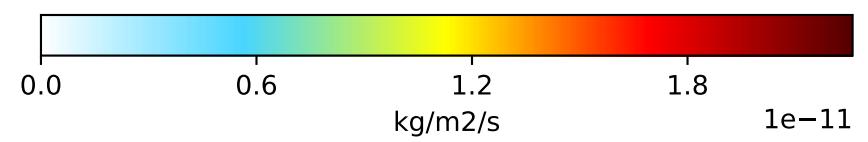
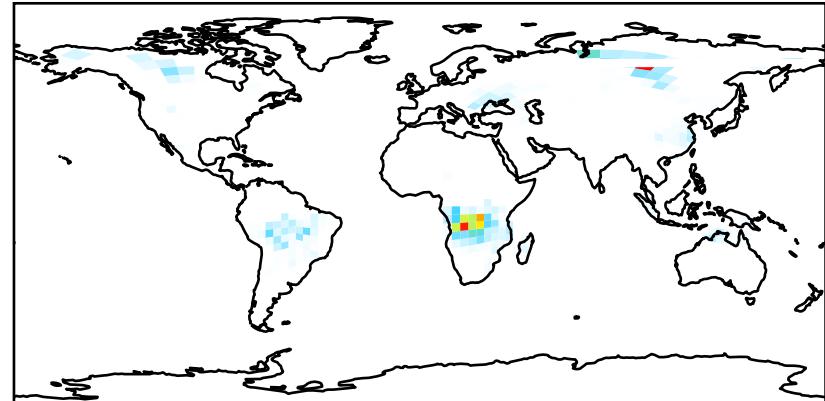


EmisMEK_BioBurn

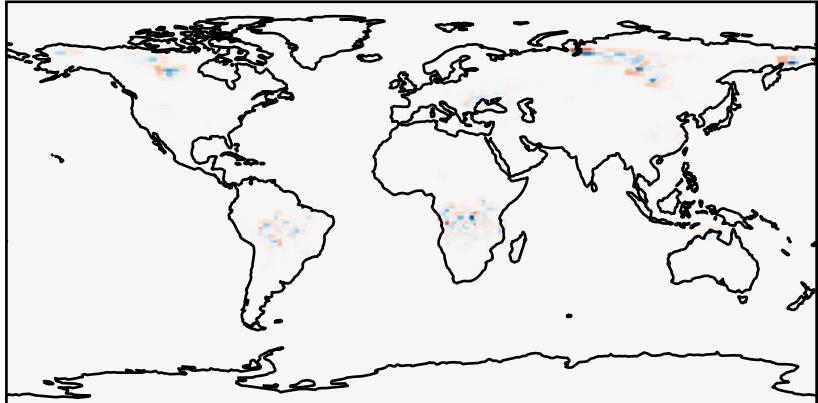
GCHP_12.4.0 (Ref)
c48



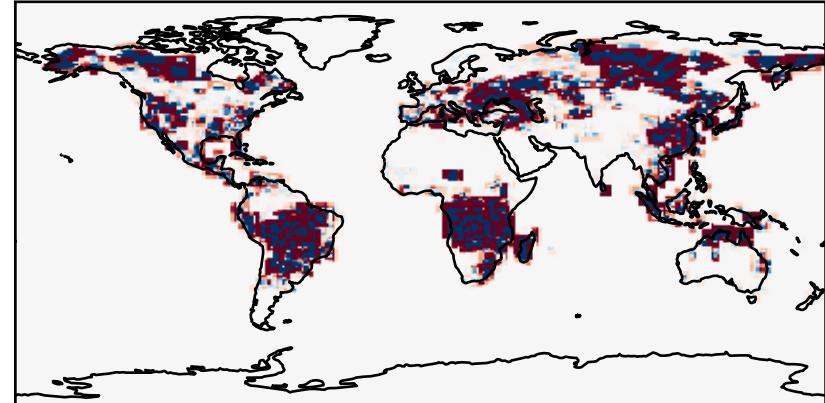
GCHP_12.5.0_c24 (Dev)
c24



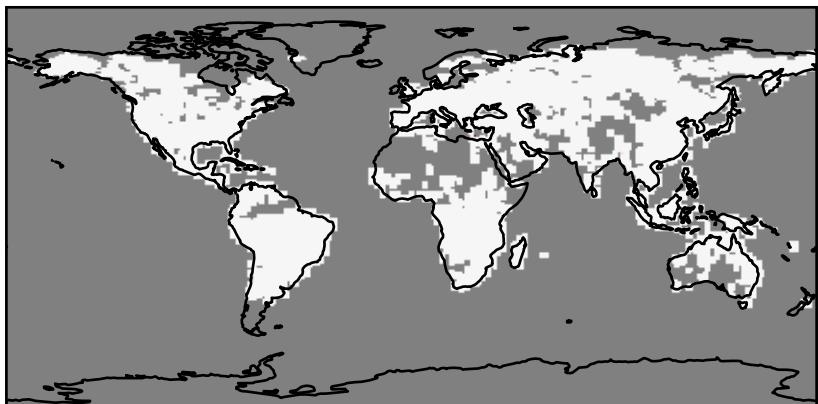
Difference (1x1.25)
Dev - Ref, Dynamic Range



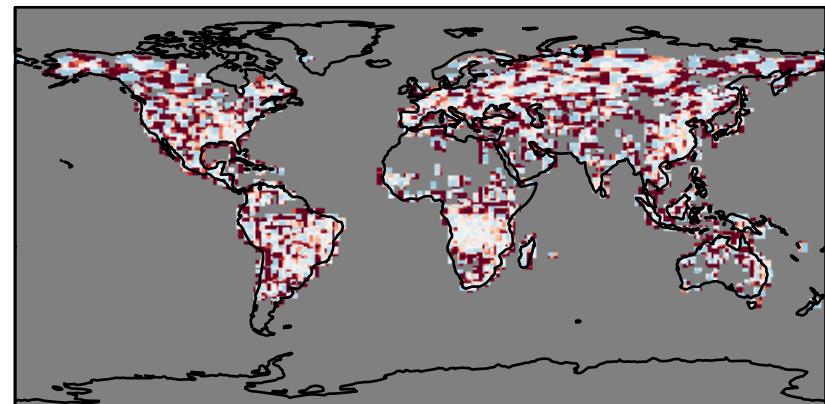
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

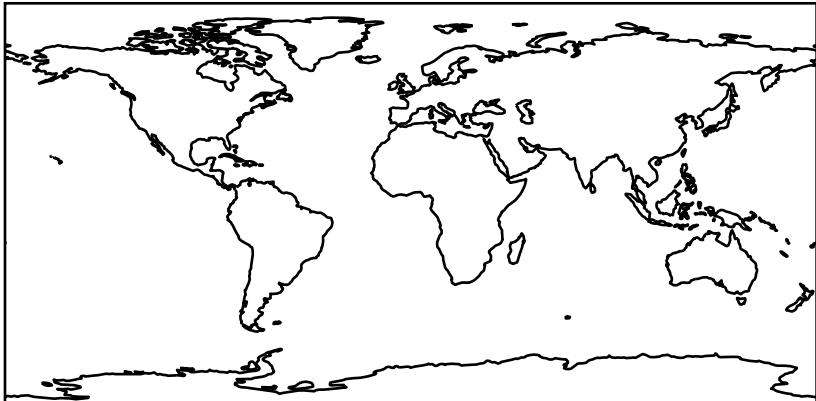


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

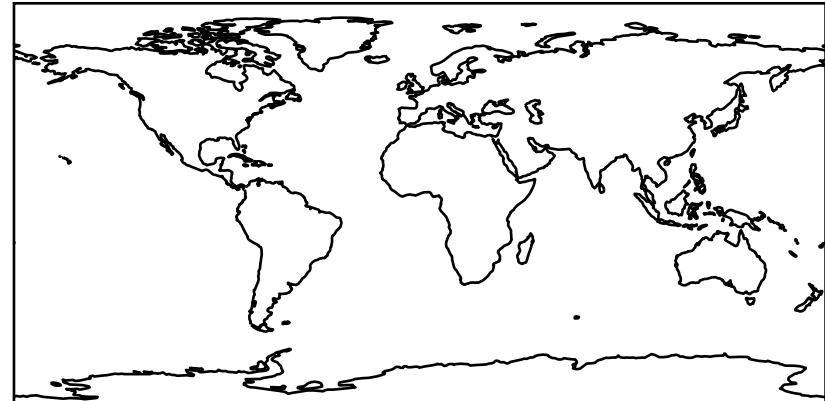


EmisMEK_Ship

GCHP_12.4.0 (Ref)
c48



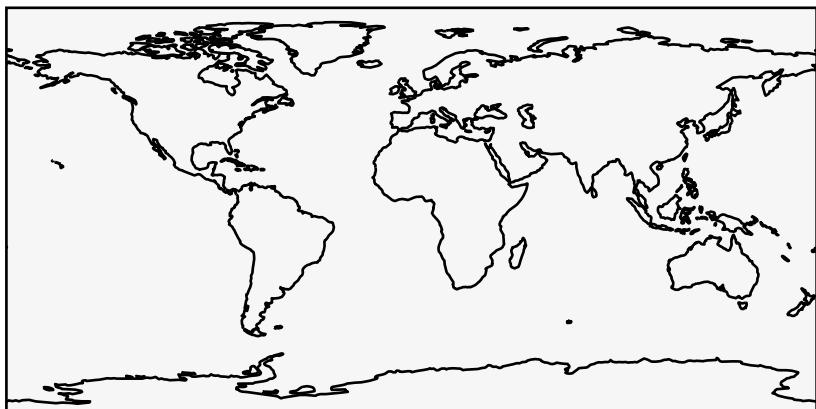
GCHP_12.5.0_c24 (Dev)
c24



Zero throughout domain
kg/m²/s

Zero throughout domain
kg/m²/s

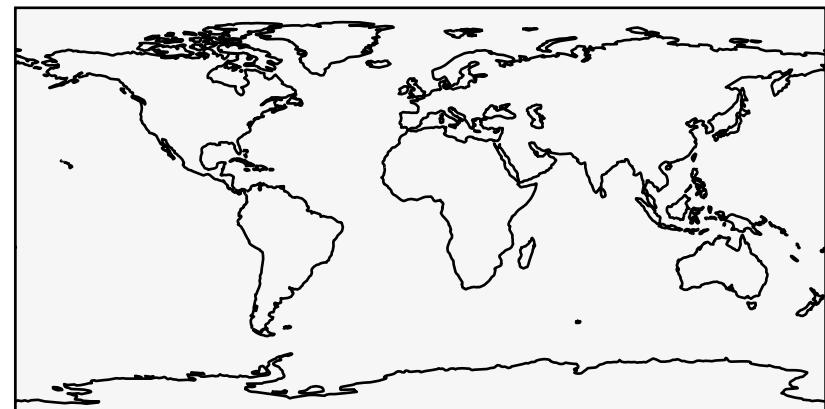
Difference (1x1.25)
Dev - Ref, Dynamic Range



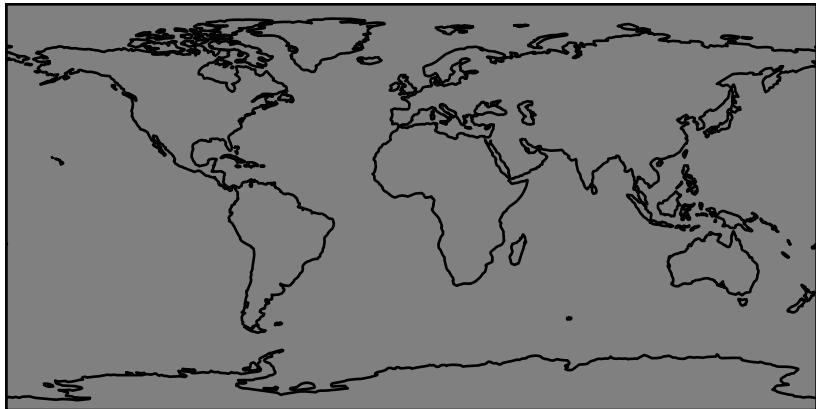
Zero throughout domain
kg/m²/s

Zero throughout domain
kg/m²/s

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

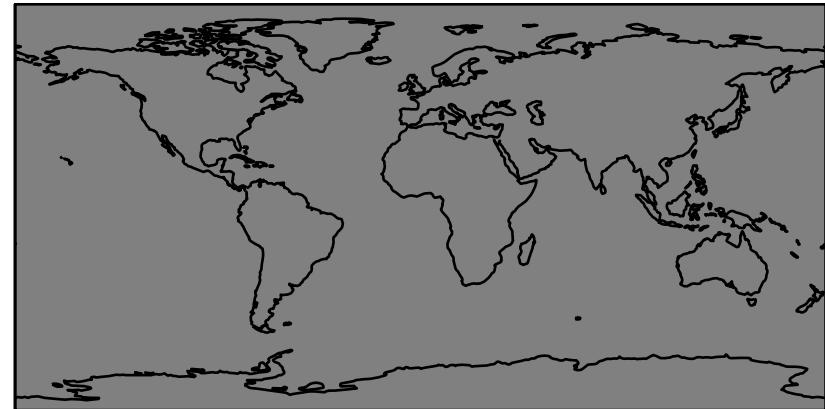


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Undefined throughout domain
unitless

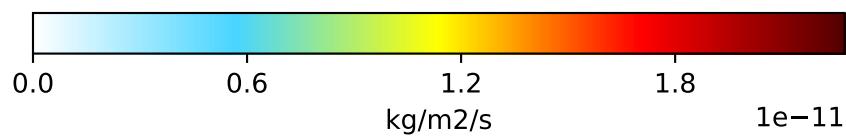
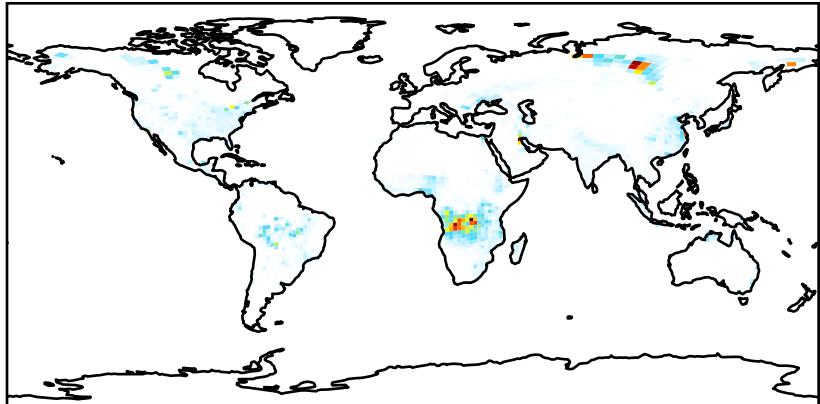
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



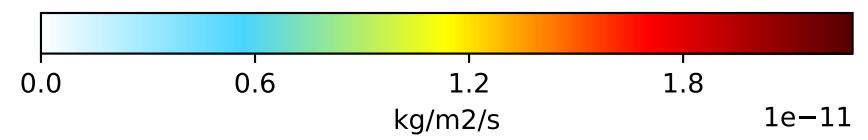
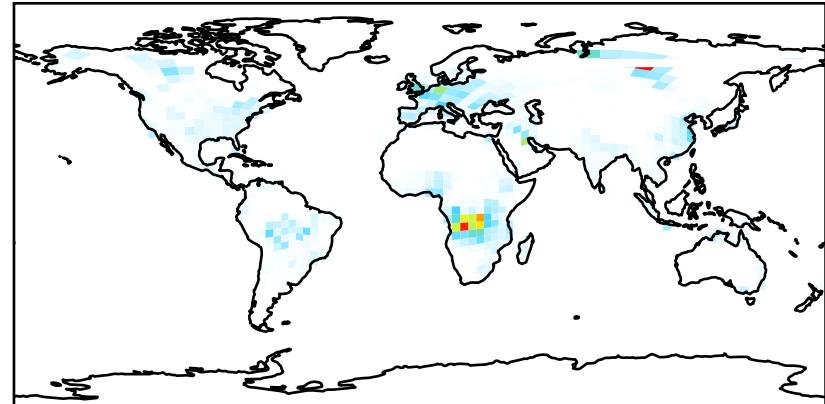
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unitless

EmisMEK_Total

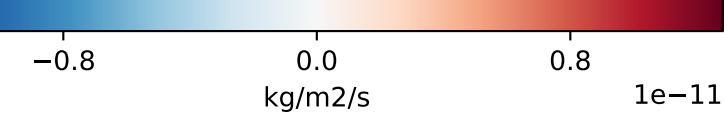
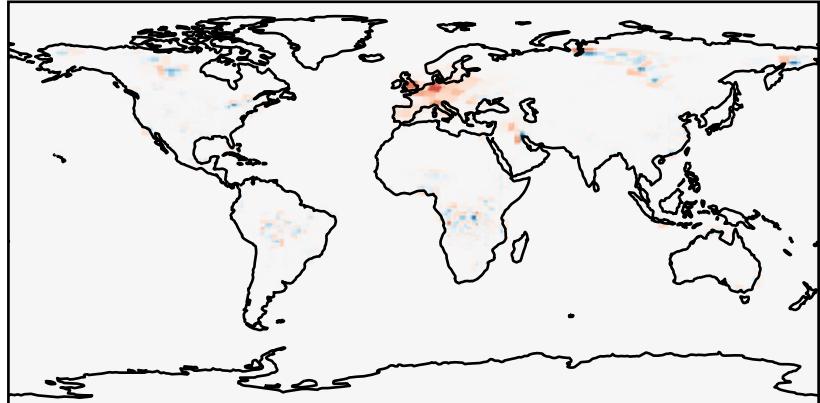
GCHP_12.4.0 (Ref)
c48



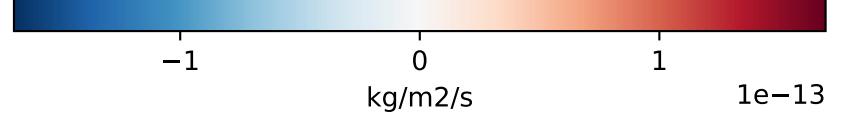
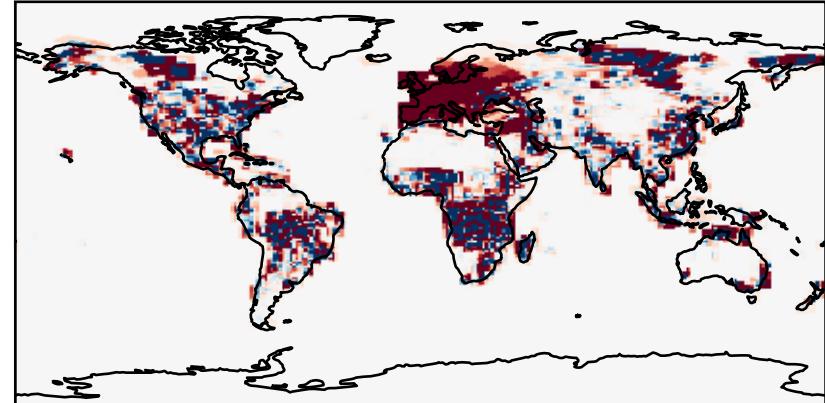
GCHP_12.5.0_c24 (Dev)
c24



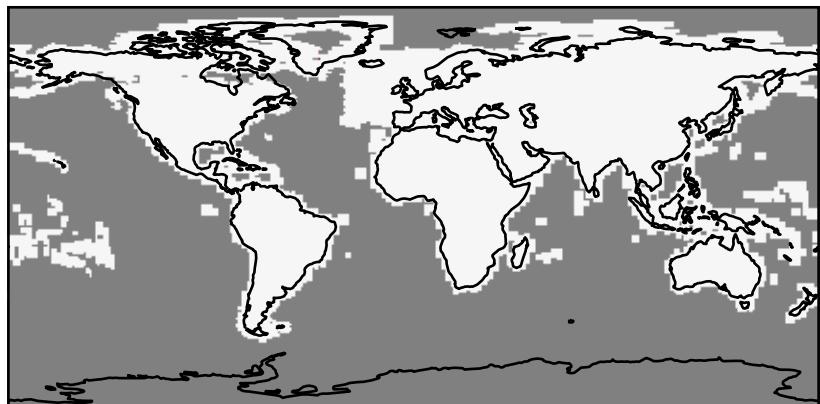
Difference (1x1.25)
Dev - Ref, Dynamic Range



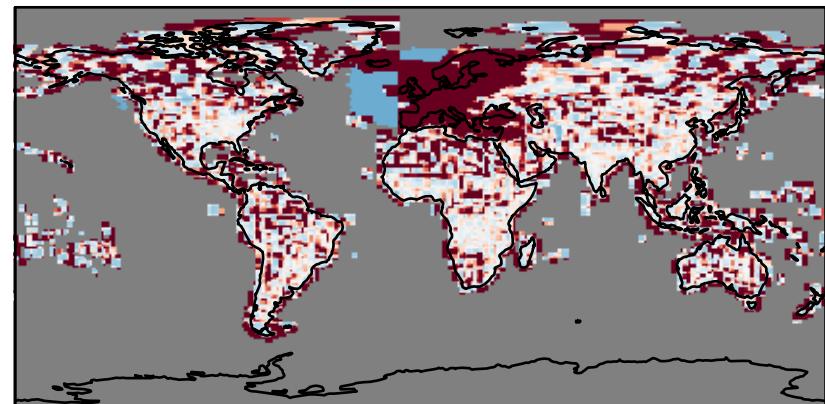
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



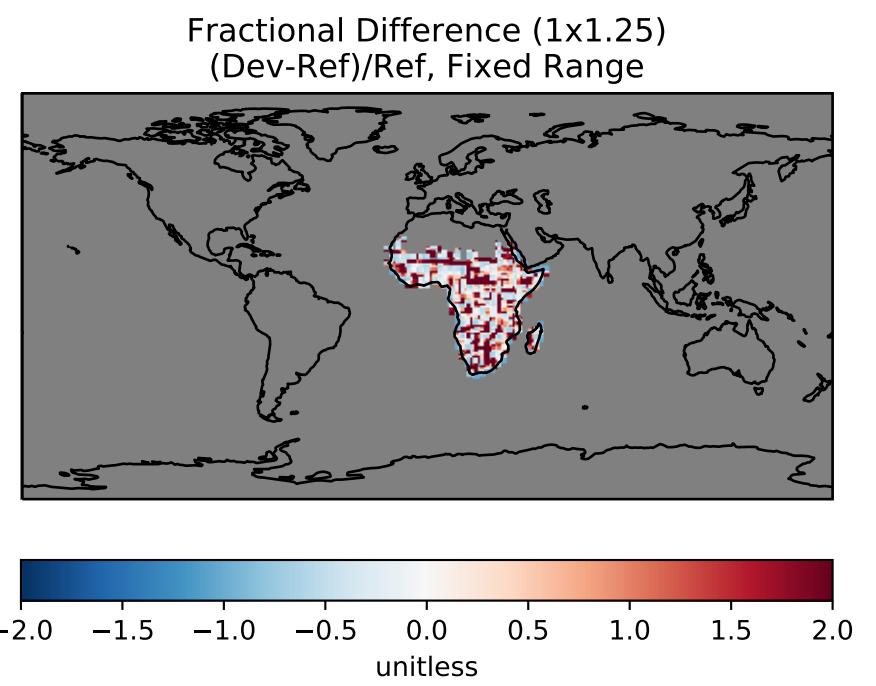
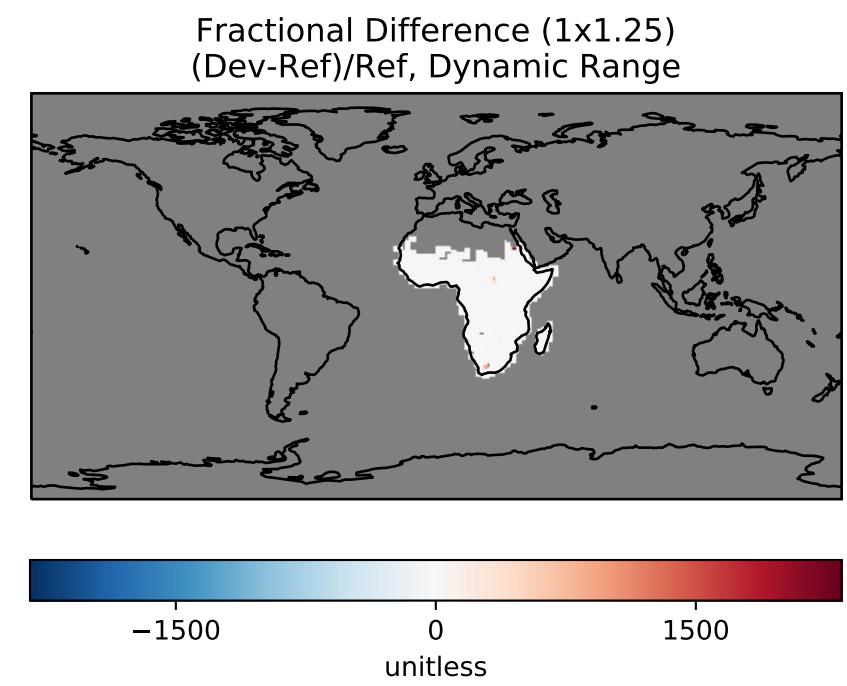
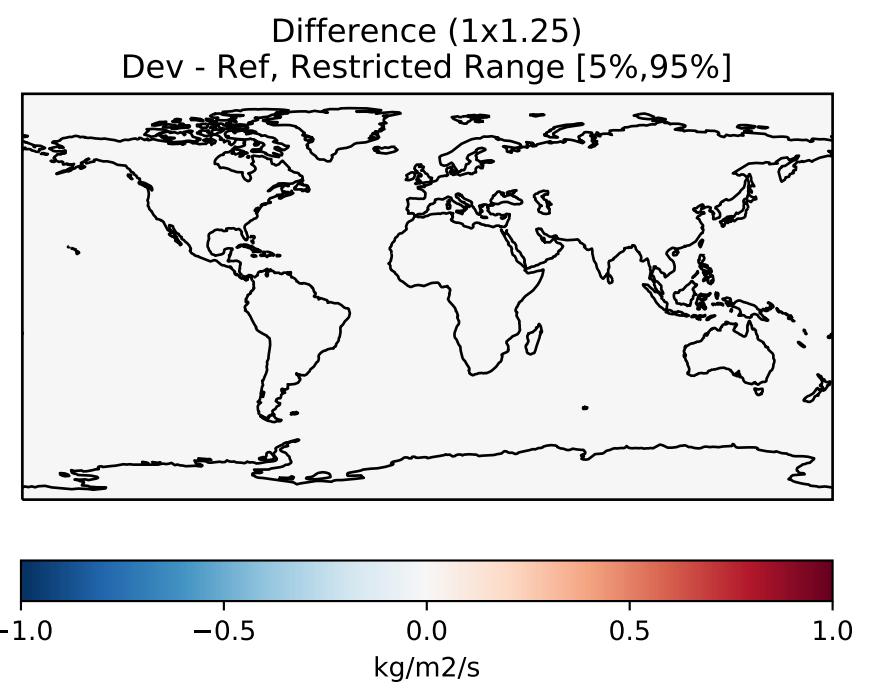
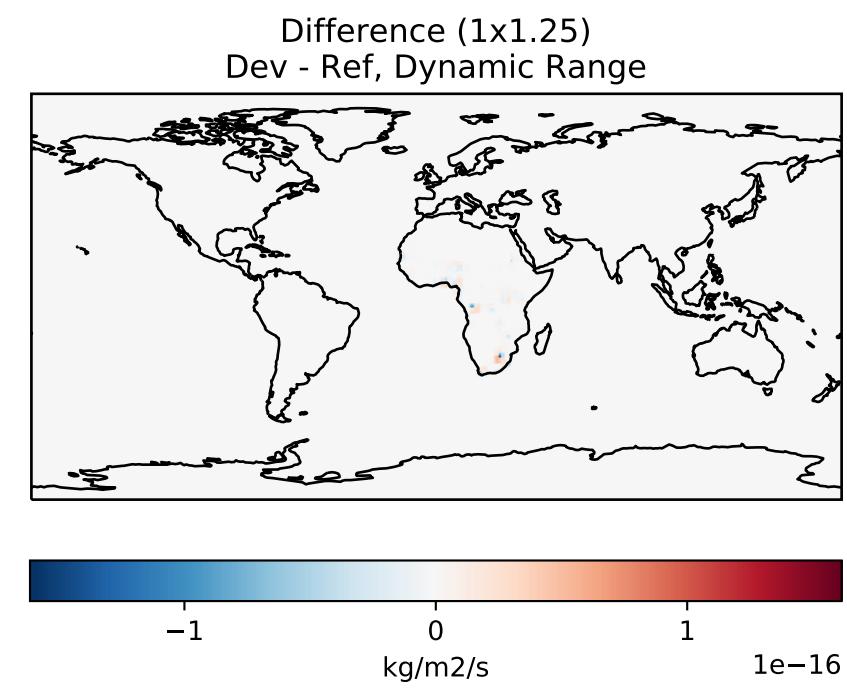
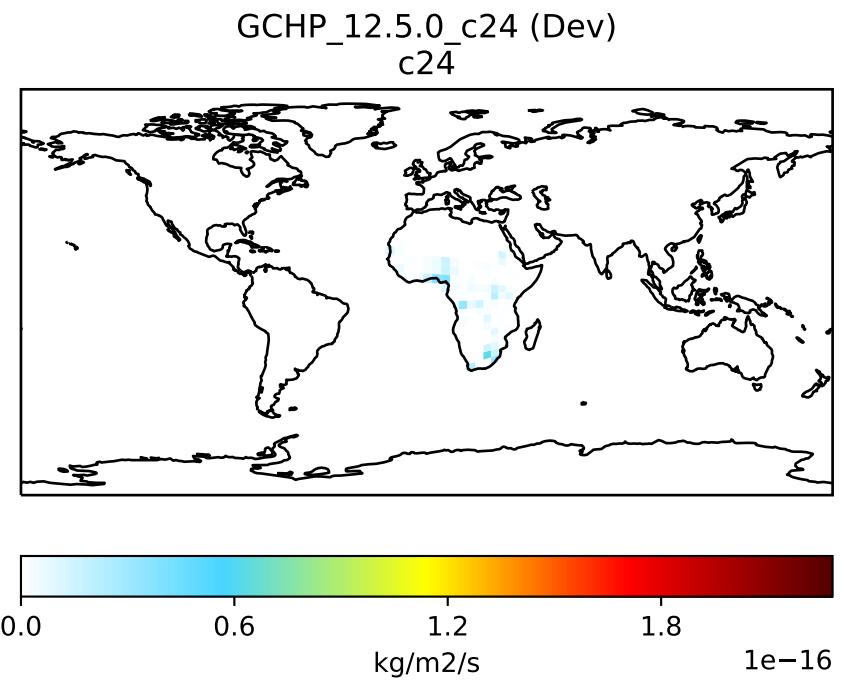
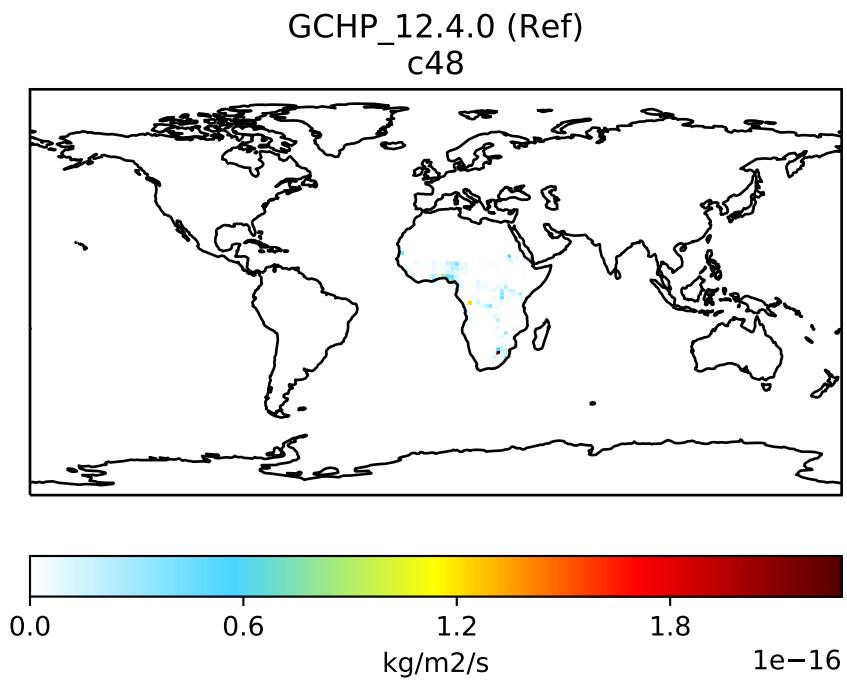
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



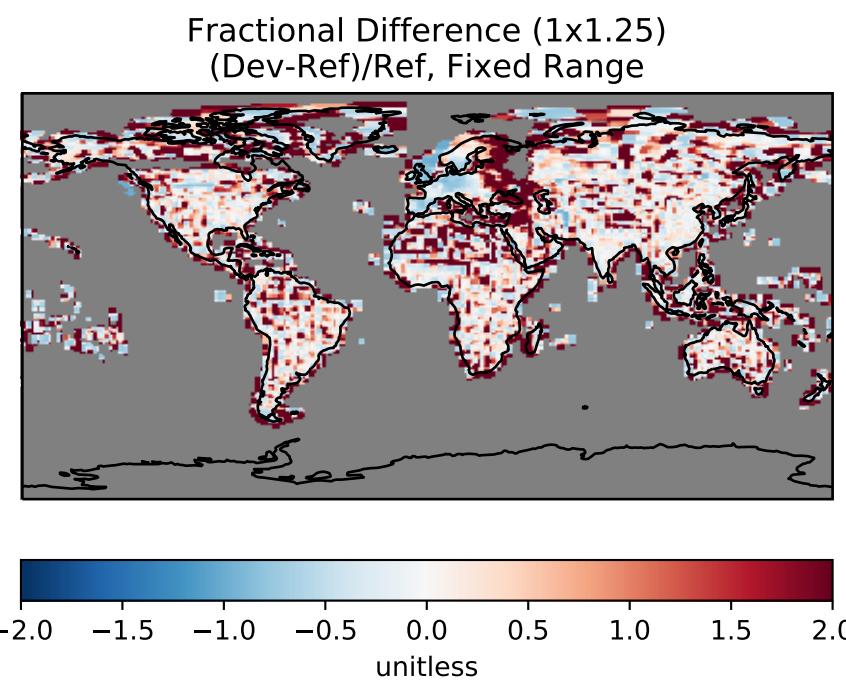
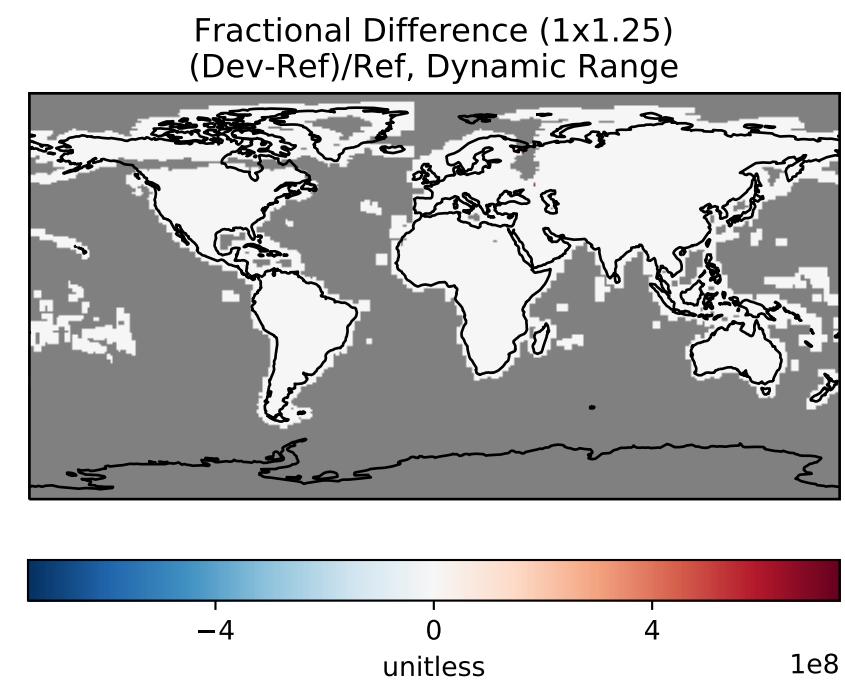
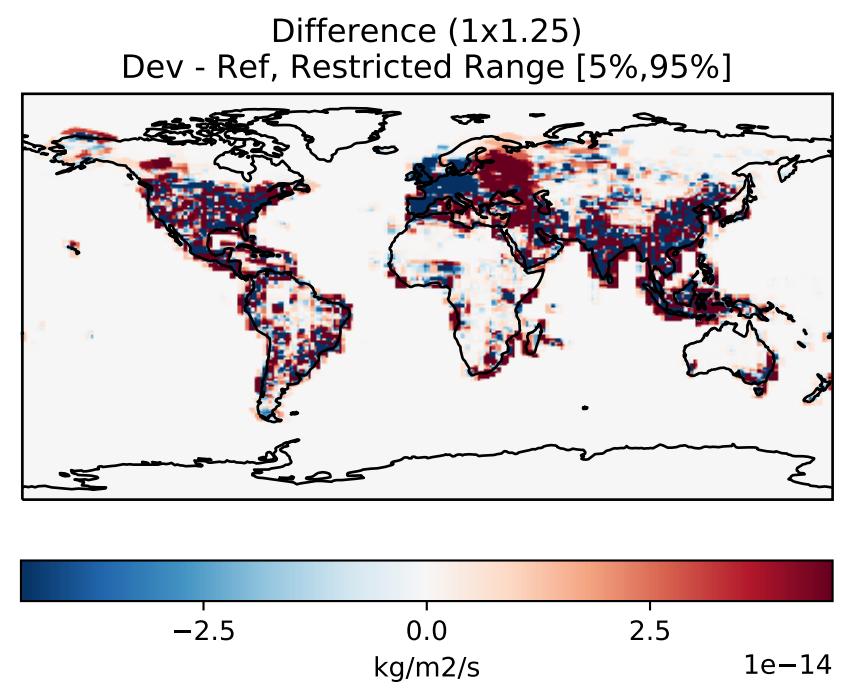
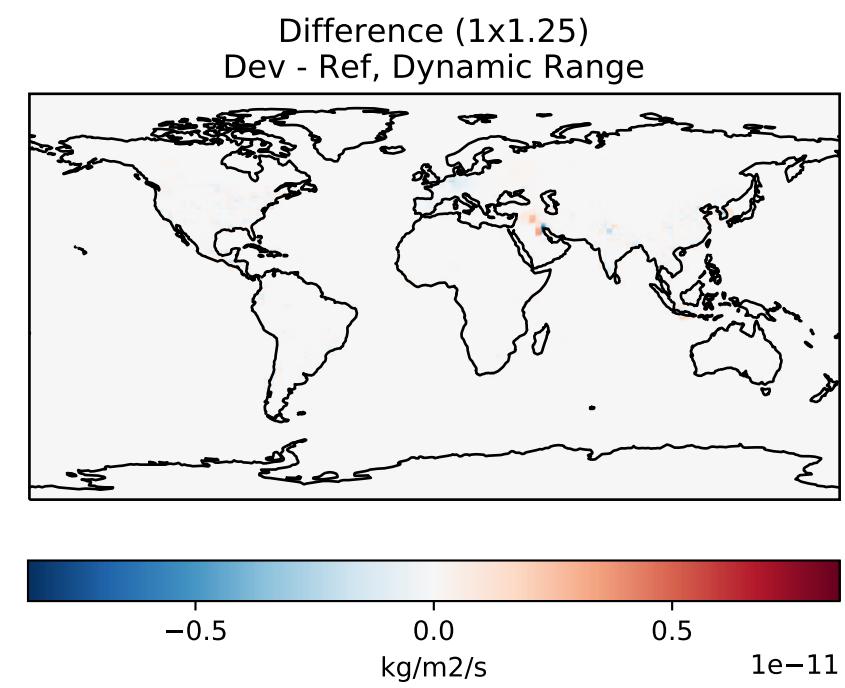
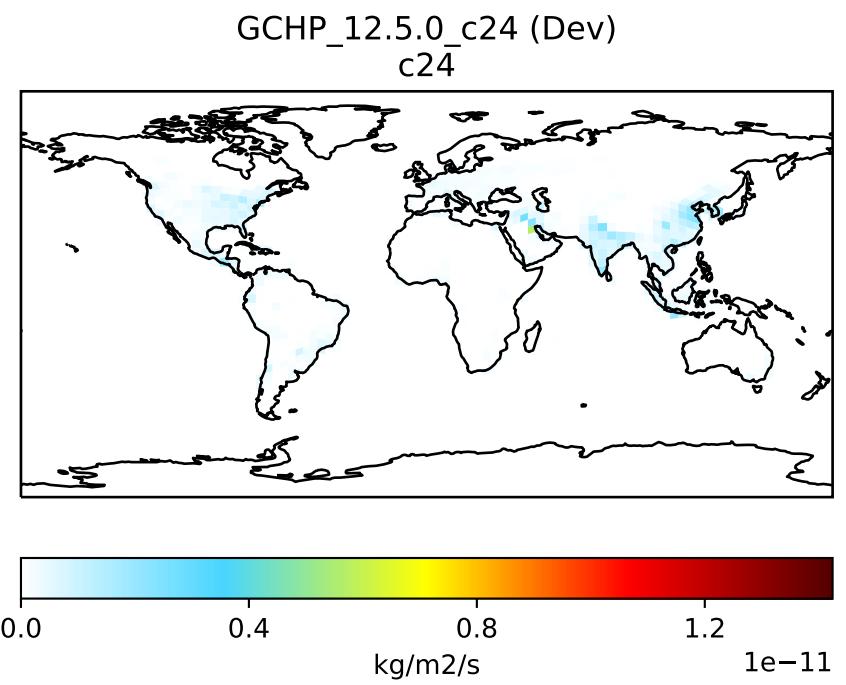
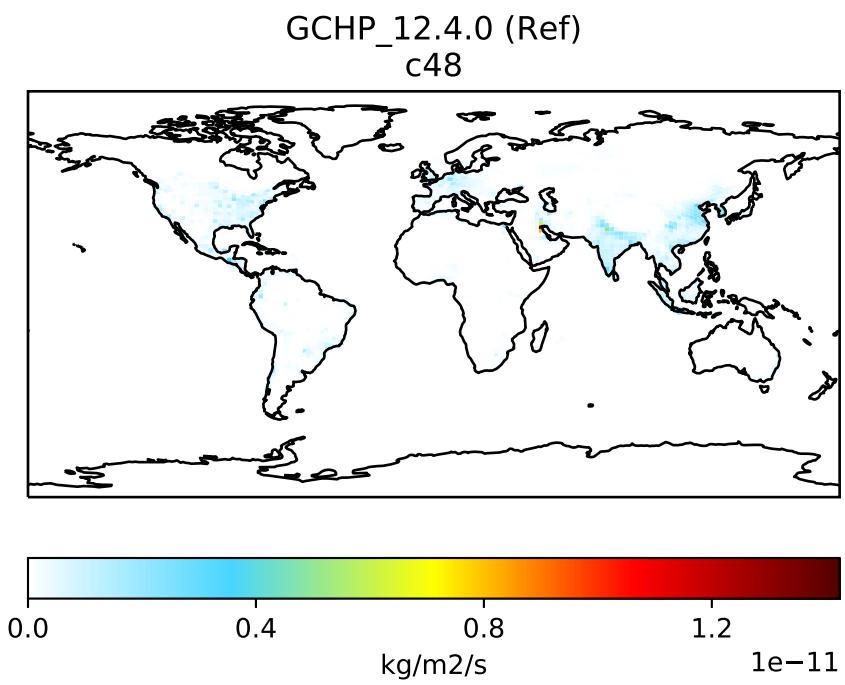
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



EmisMVK_Anthro

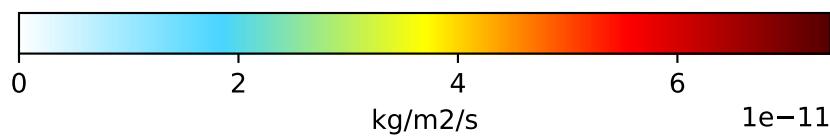
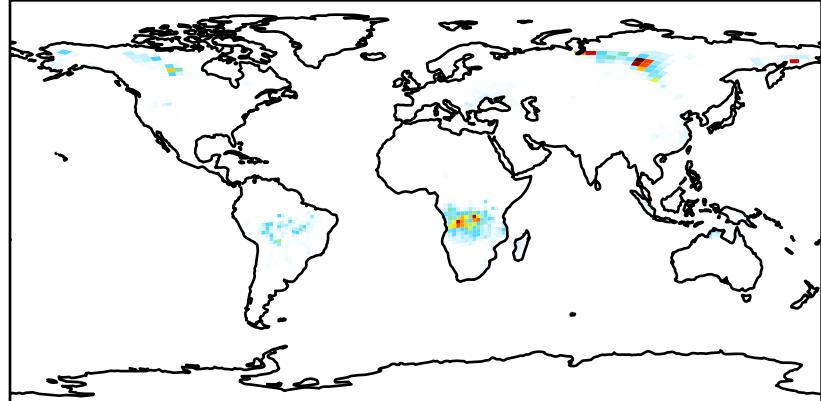


EmisALD2_Anthro

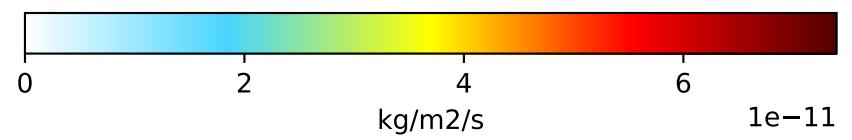
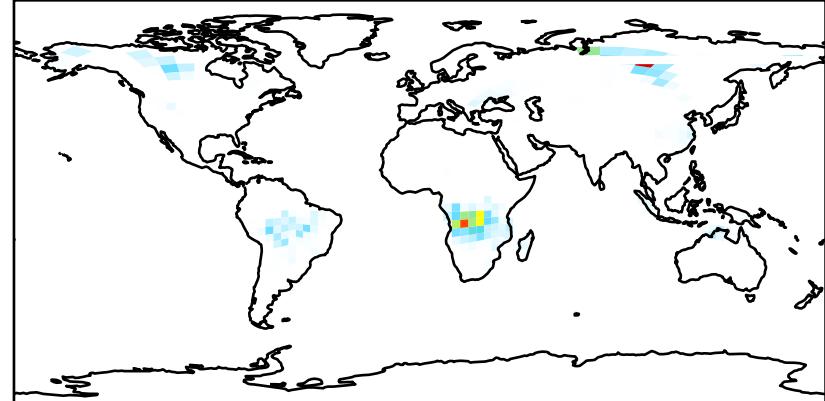


EmisALD2_BioBurn

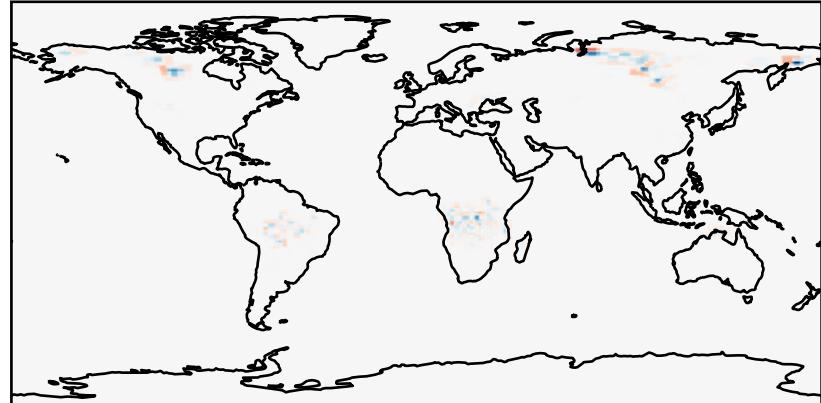
GCHP_12.4.0 (Ref)
c48



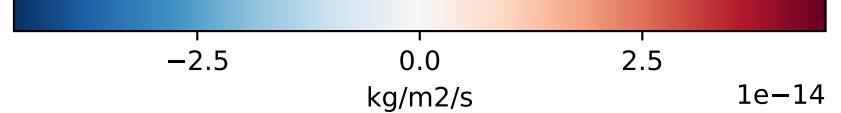
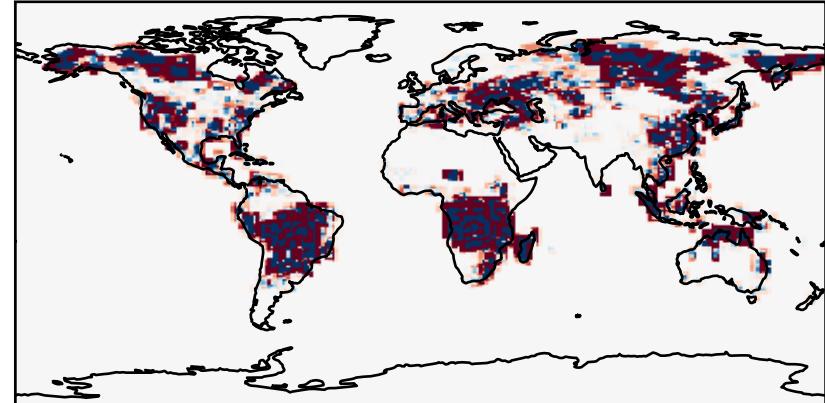
GCHP_12.5.0_c24 (Dev)
c24



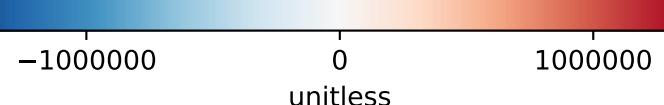
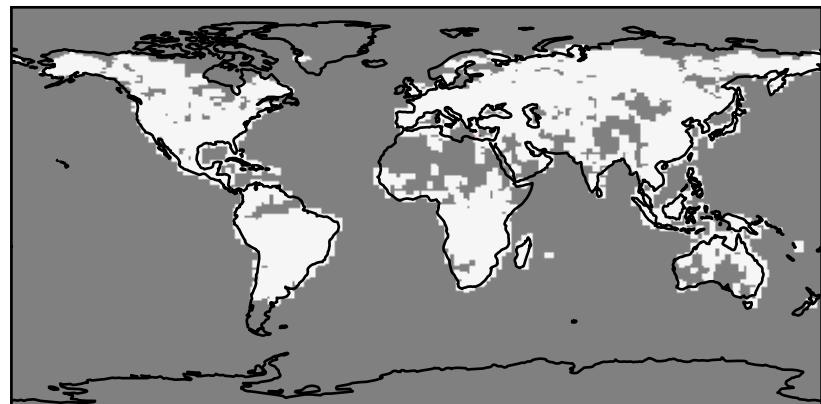
Difference (1x1.25)
Dev - Ref, Dynamic Range



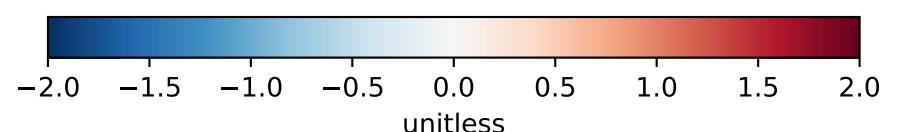
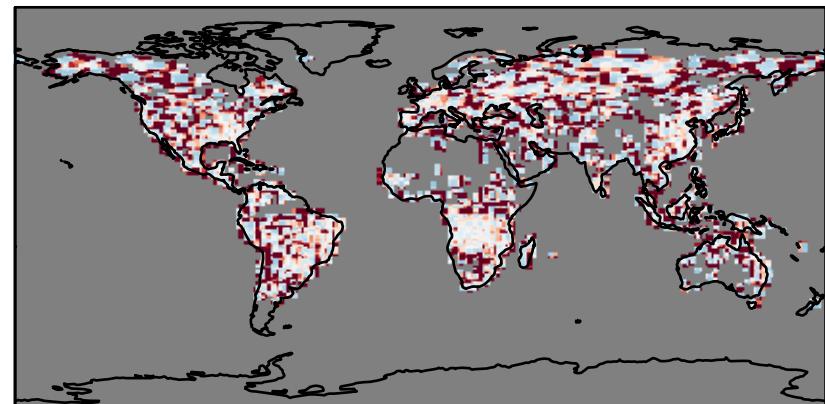
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



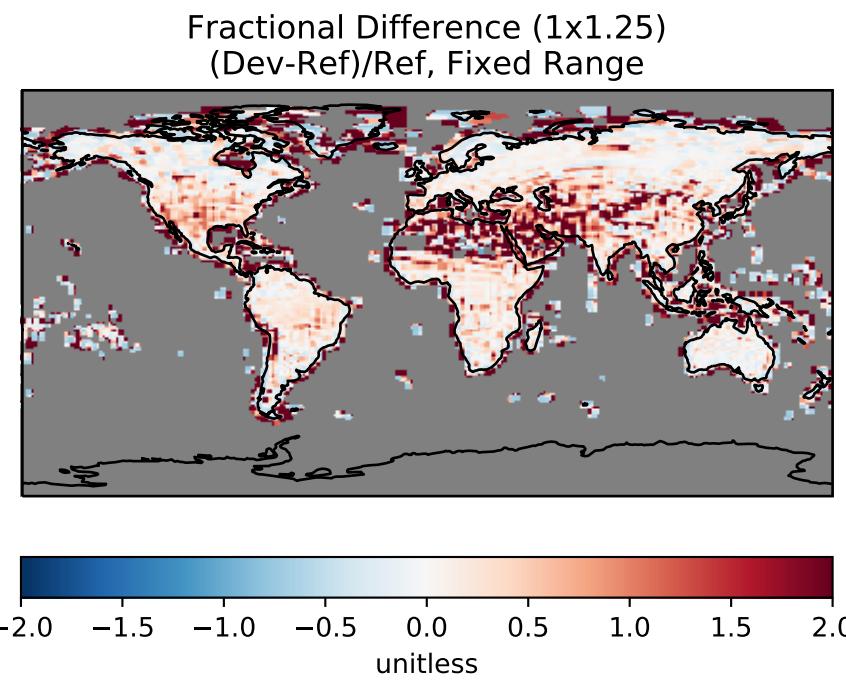
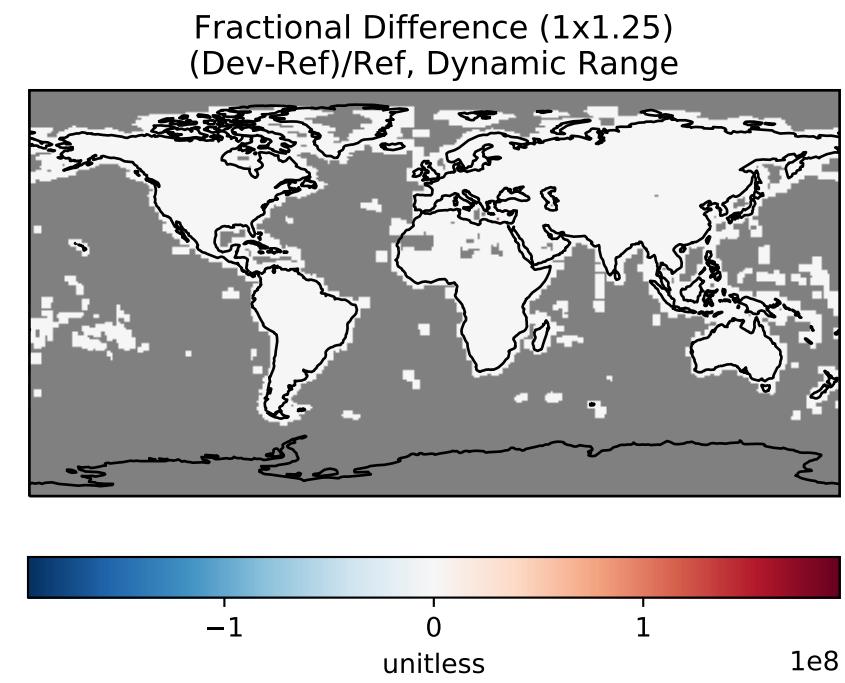
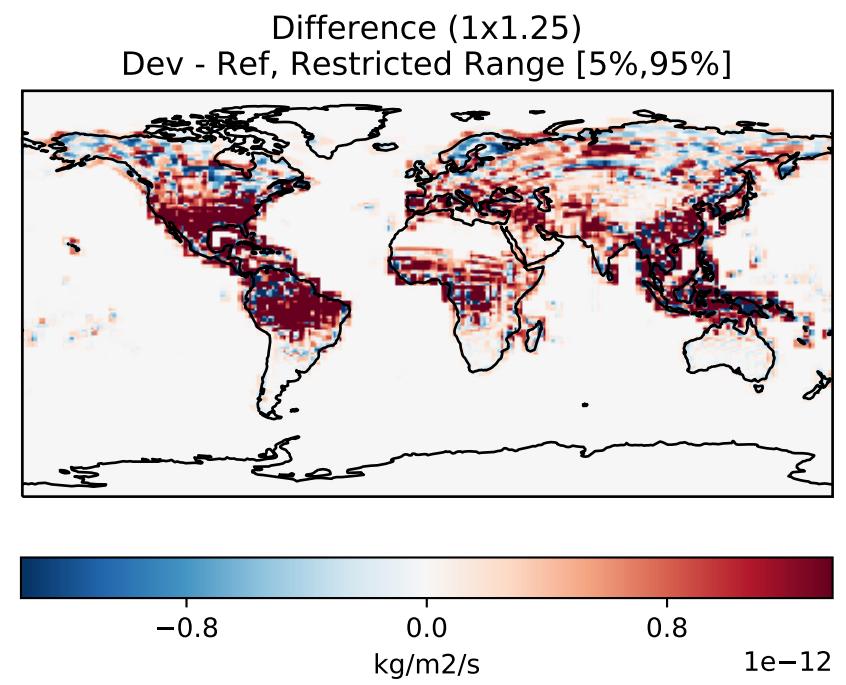
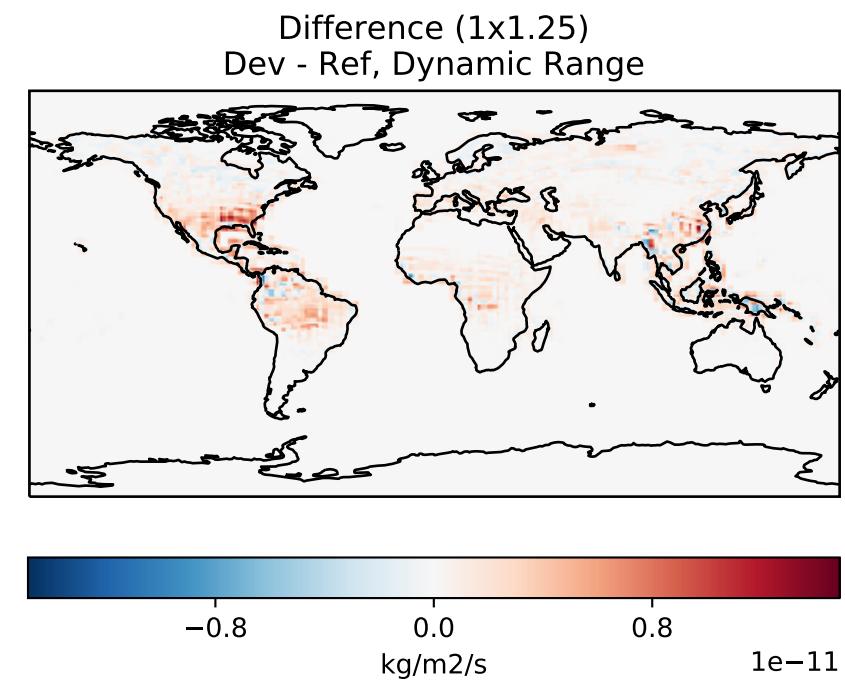
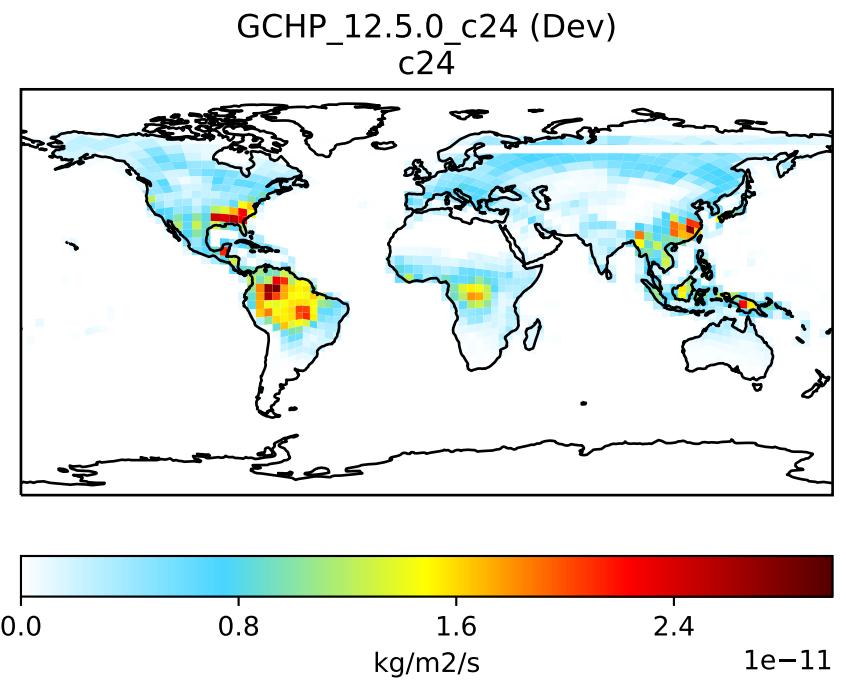
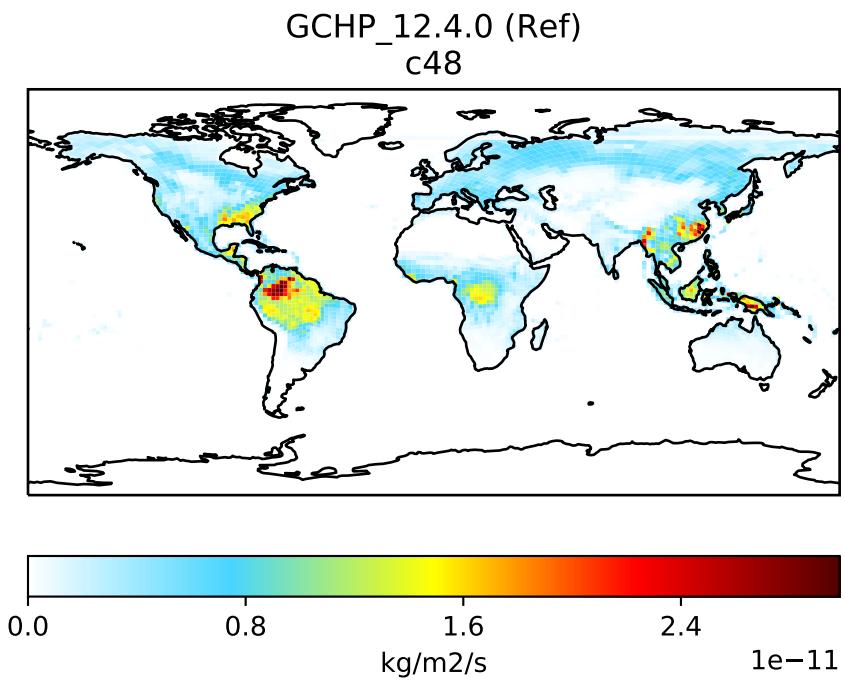
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

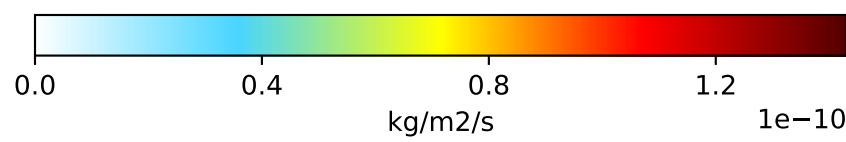
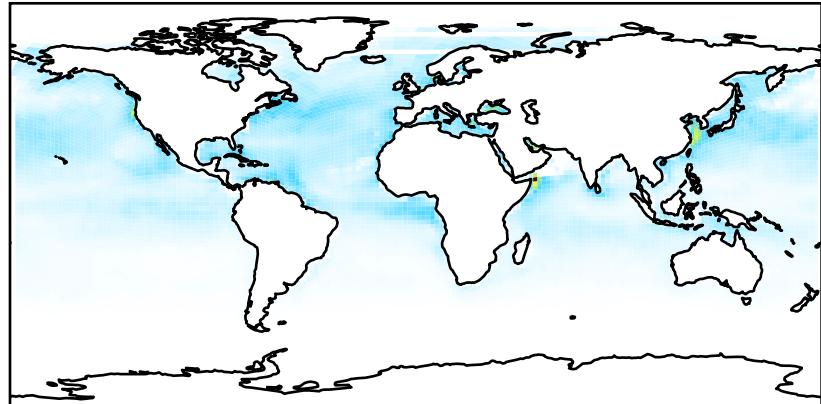


EmisALD2_Biogenic

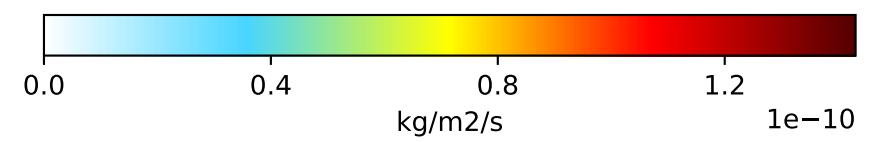
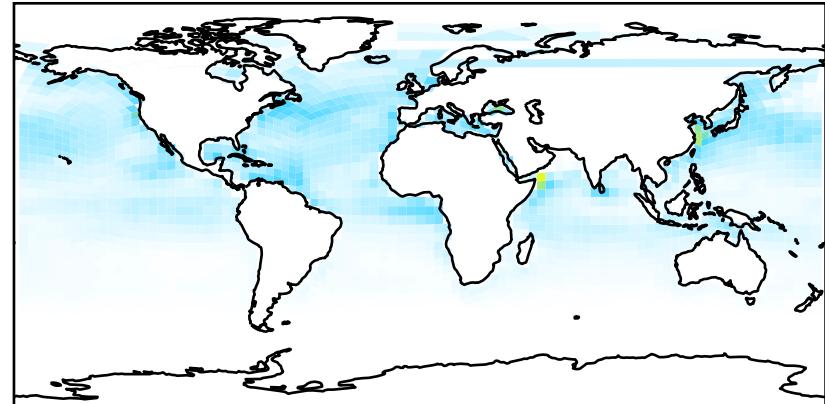


EmisALD2_Ocean

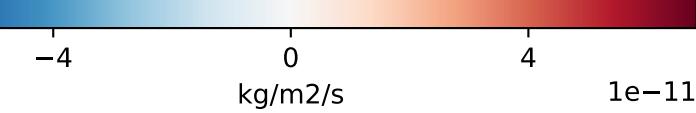
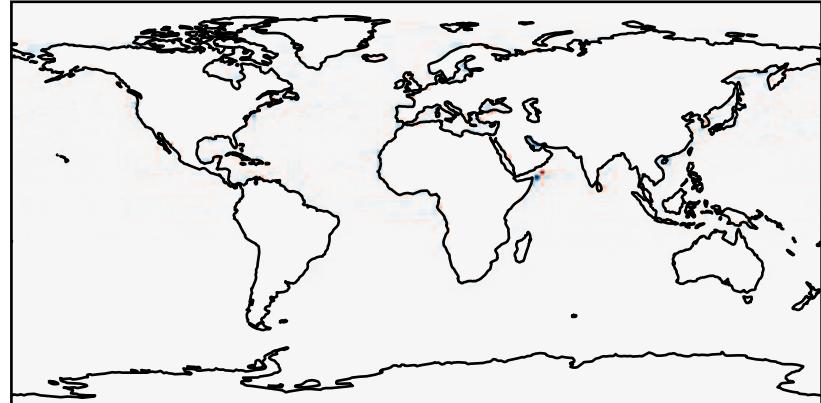
GCHP_12.4.0 (Ref)
c48



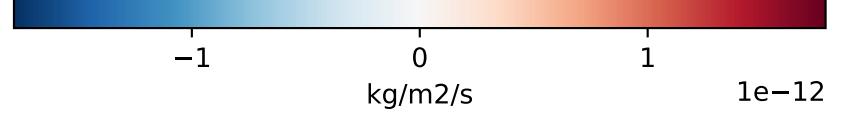
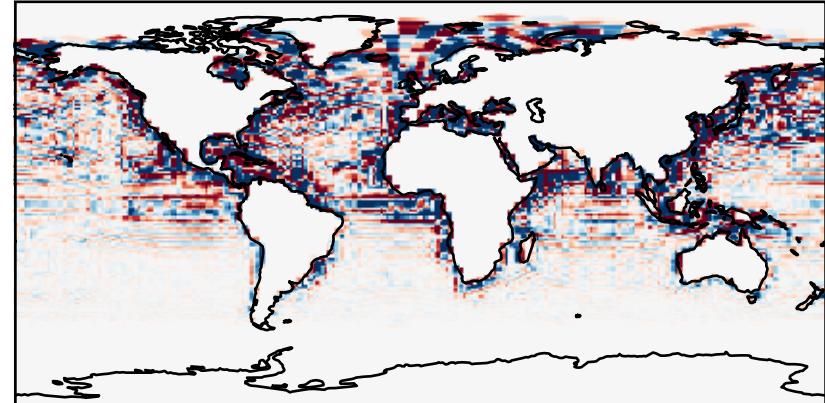
GCHP_12.5.0_c24 (Dev)
c24



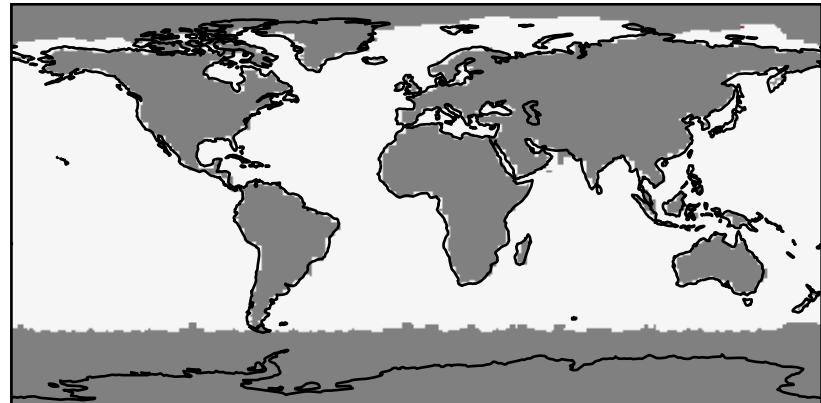
Difference (1x1.25)
Dev - Ref, Dynamic Range



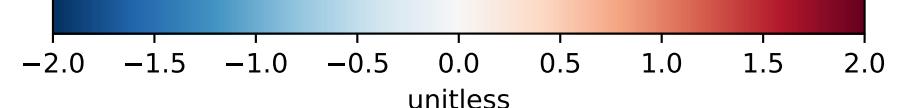
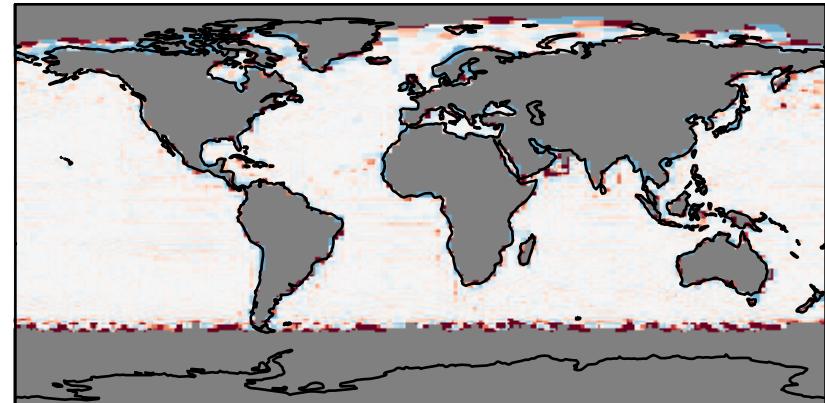
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



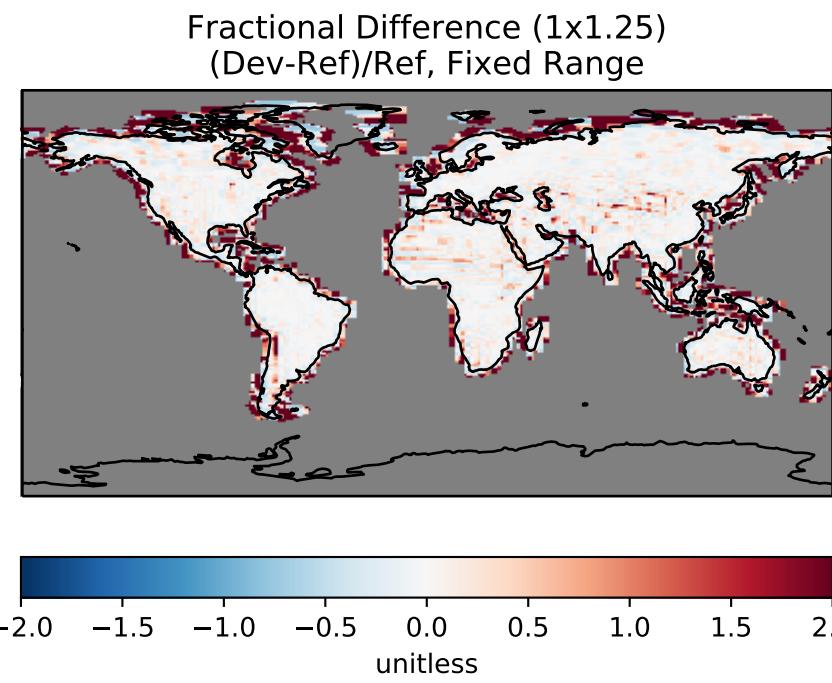
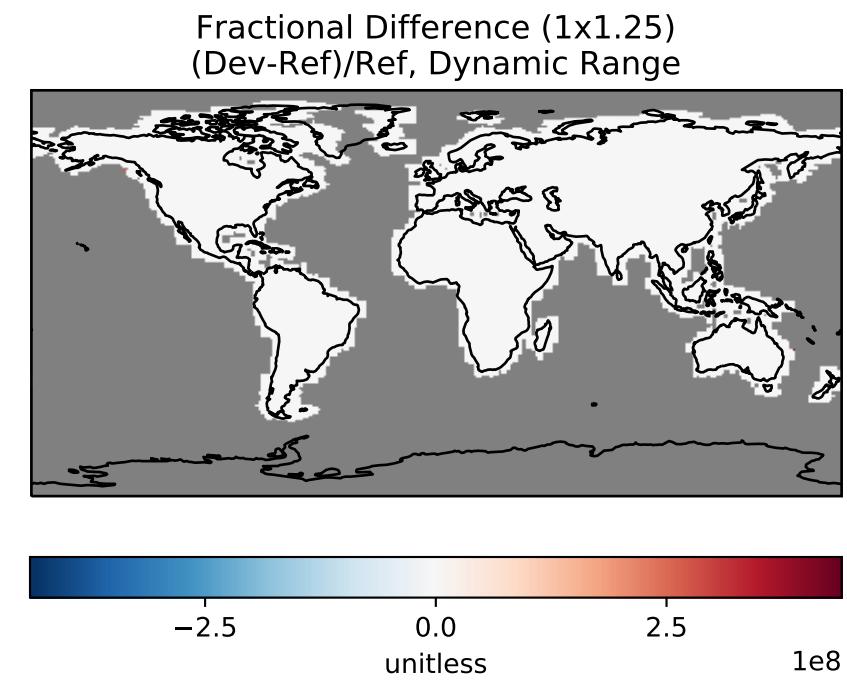
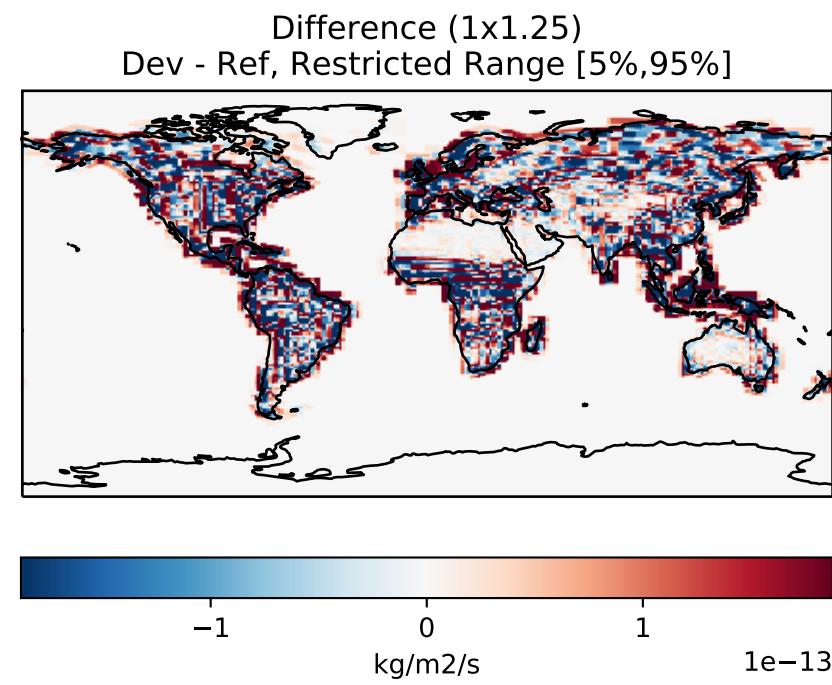
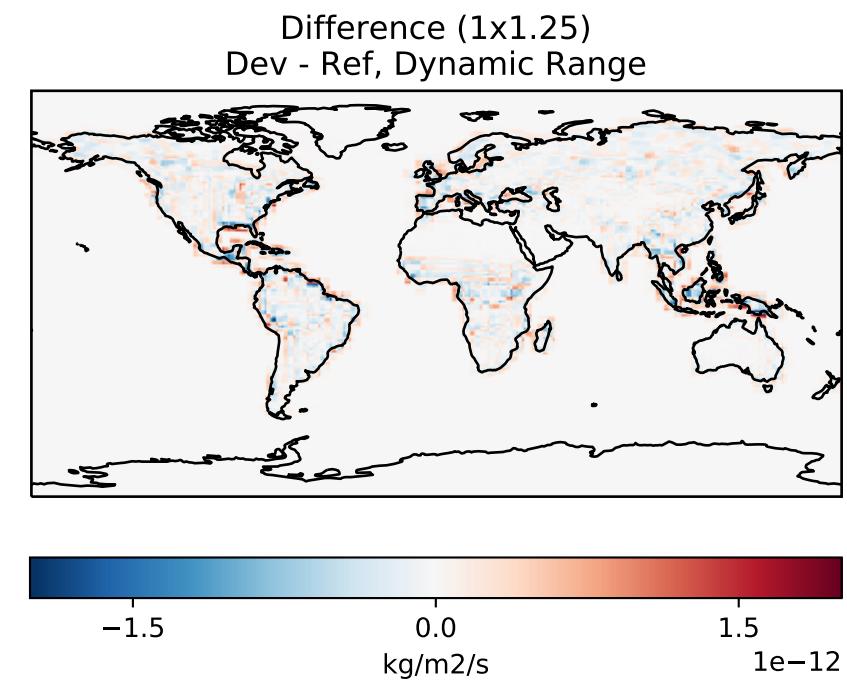
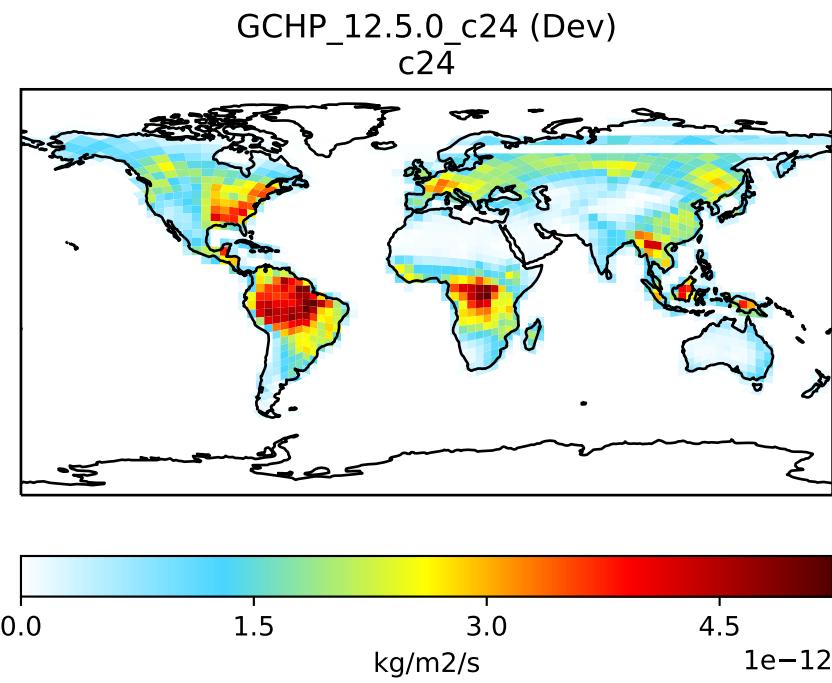
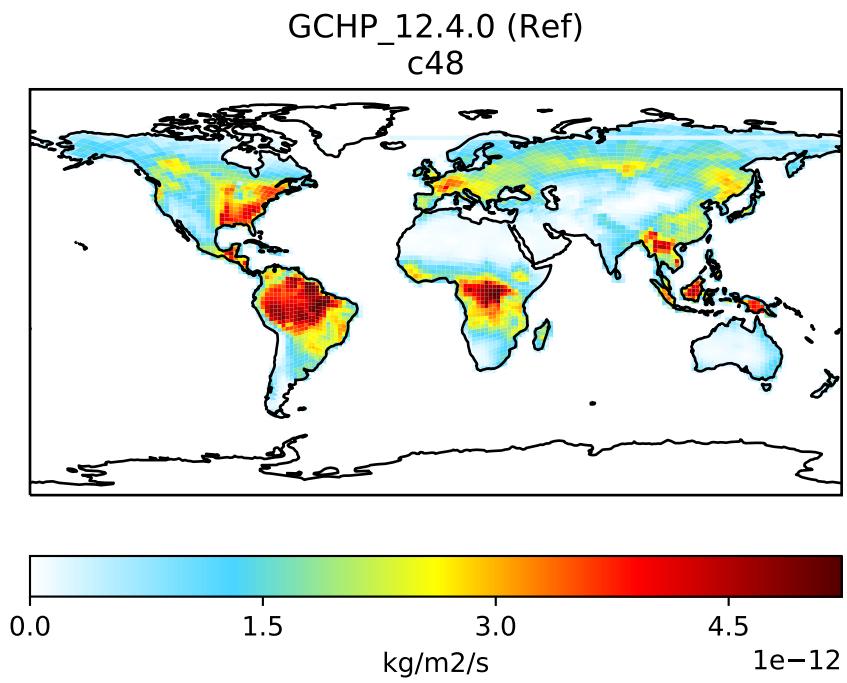
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

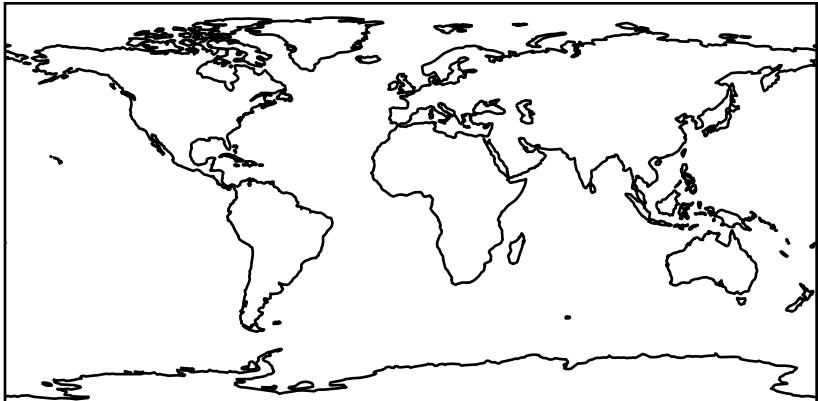


EmisALD2_PlantDecay



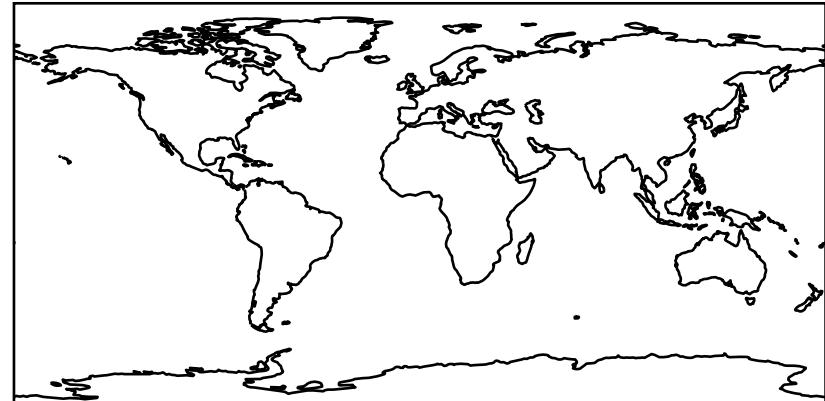
EmisALD2_Ship

GCHP_12.4.0 (Ref)
c48



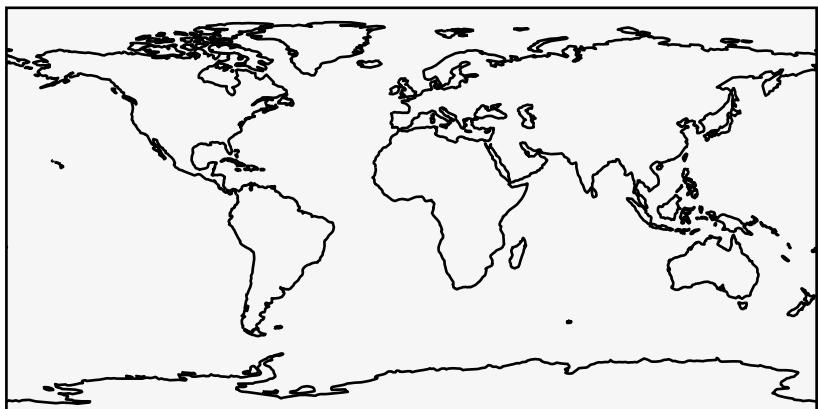
Zero throughout domain
kg/m²/s

GCHP_12.5.0_c24 (Dev)
c24



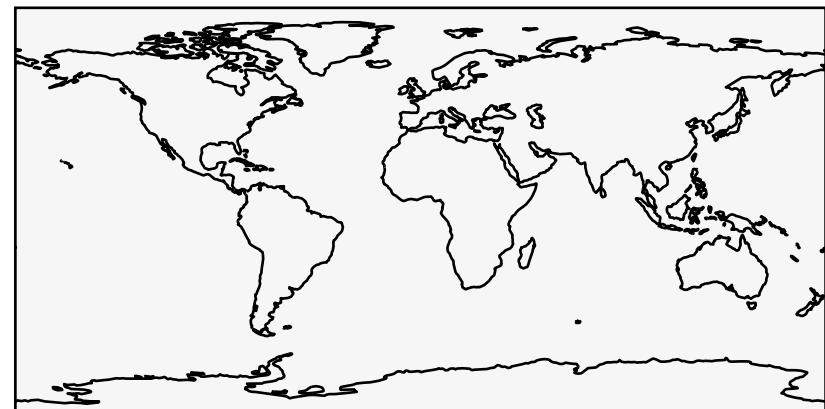
Zero throughout domain
kg/m²/s

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



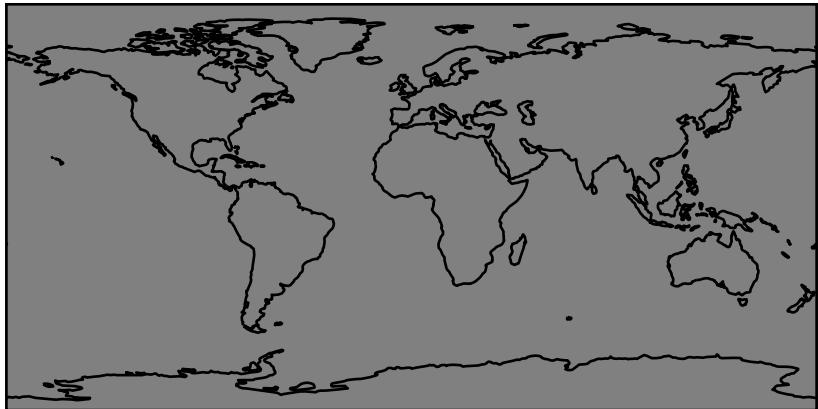
Zero throughout domain
kg/m²/s

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



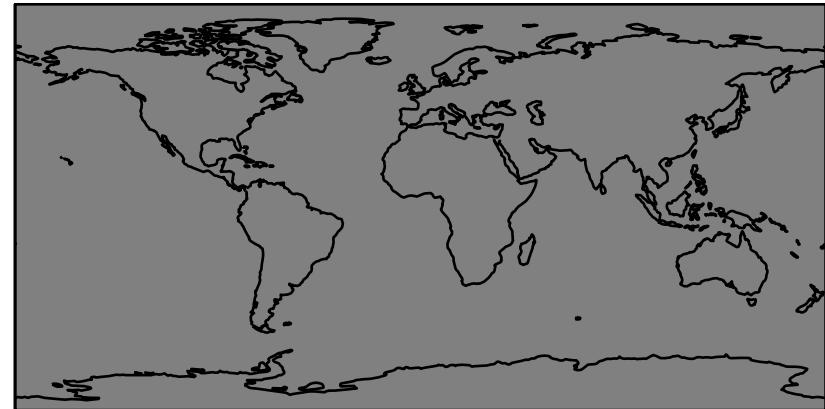
Zero throughout domain
kg/m²/s

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



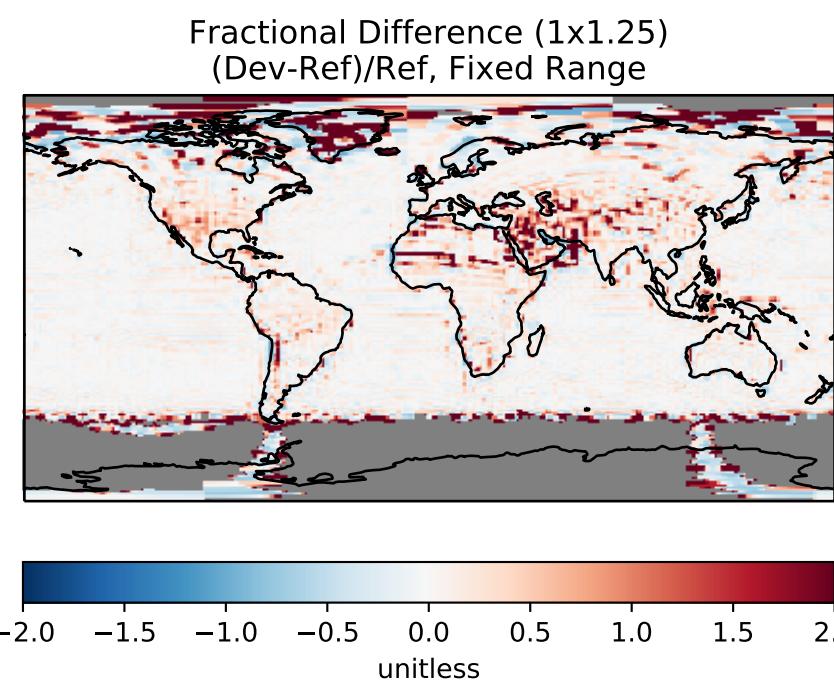
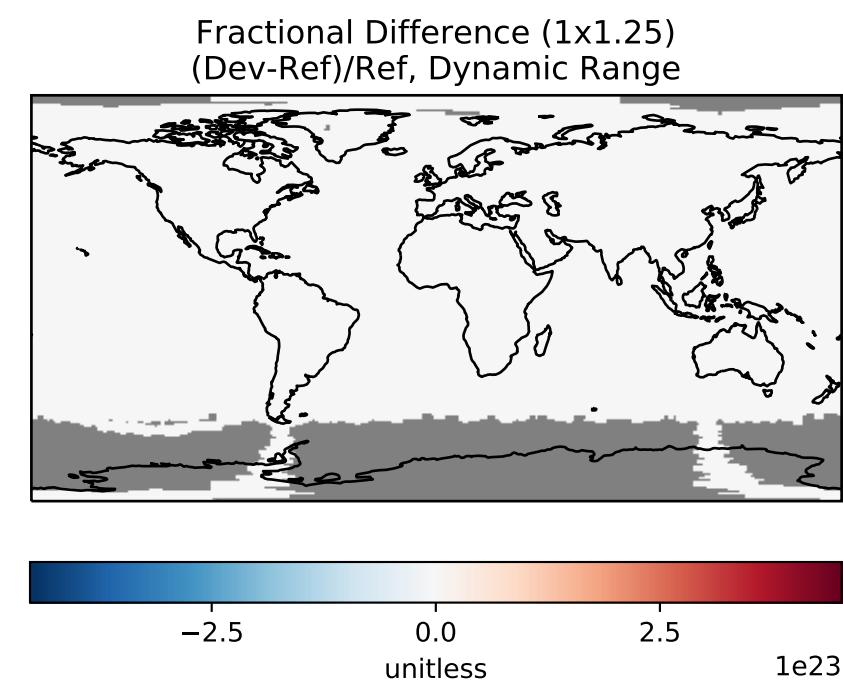
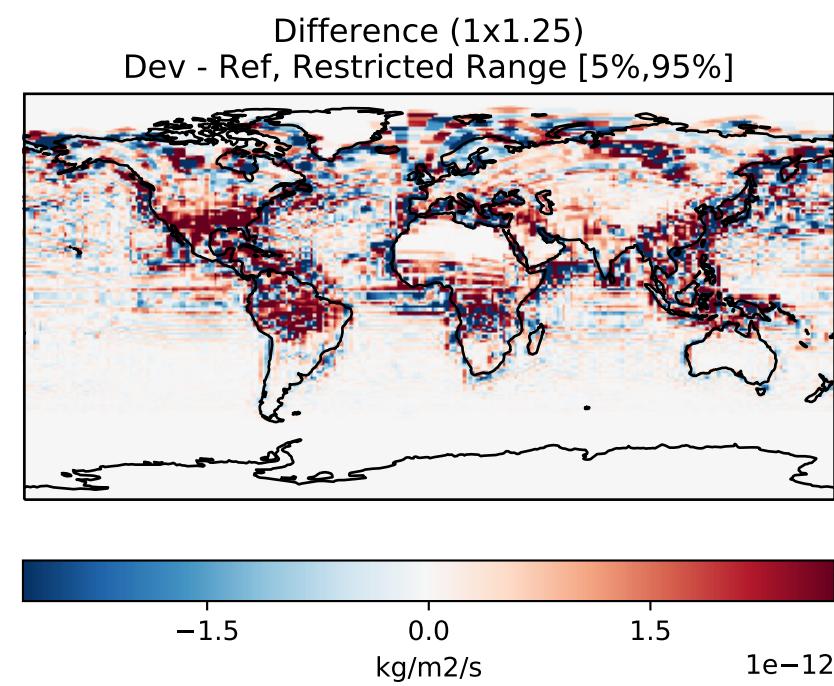
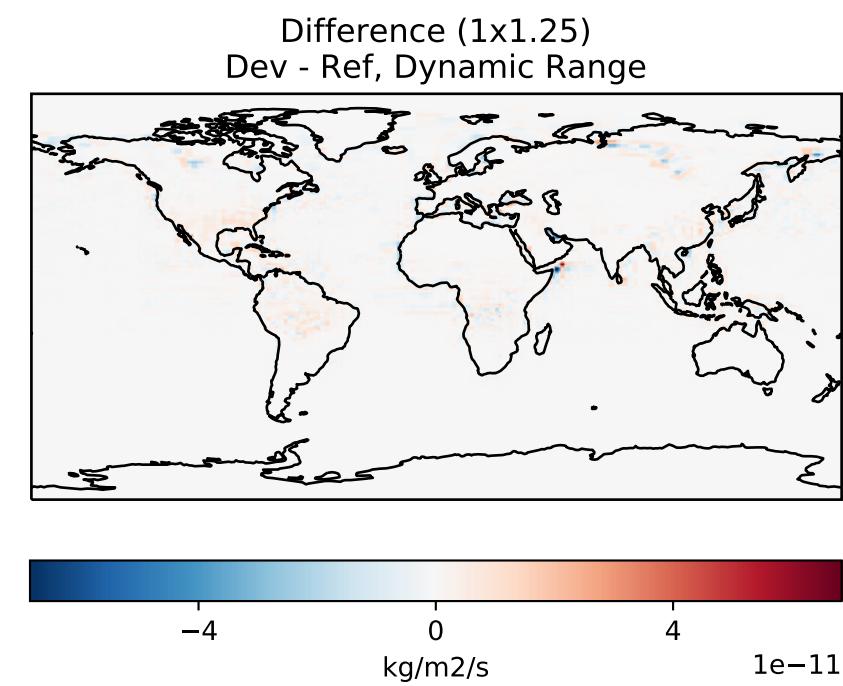
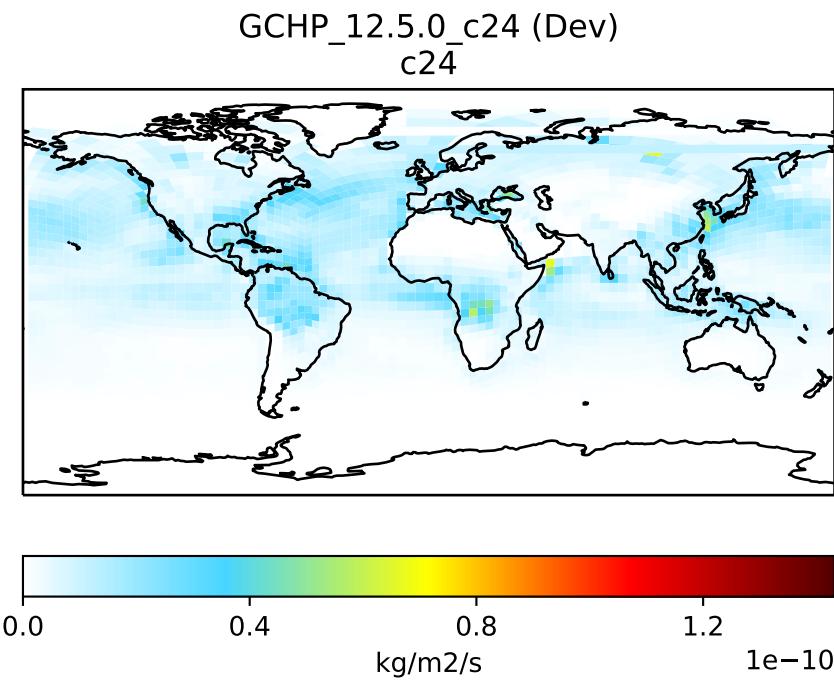
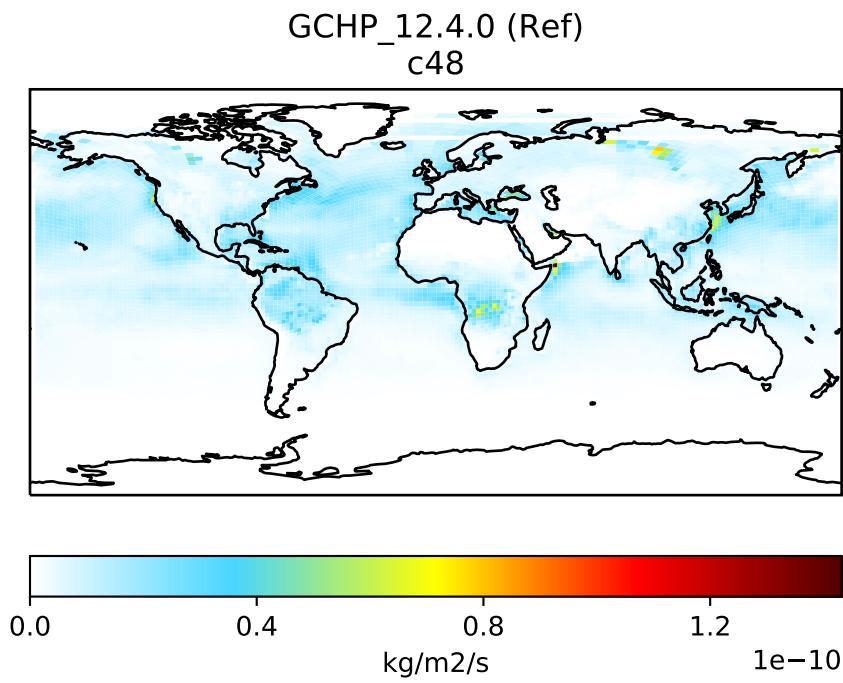
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Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

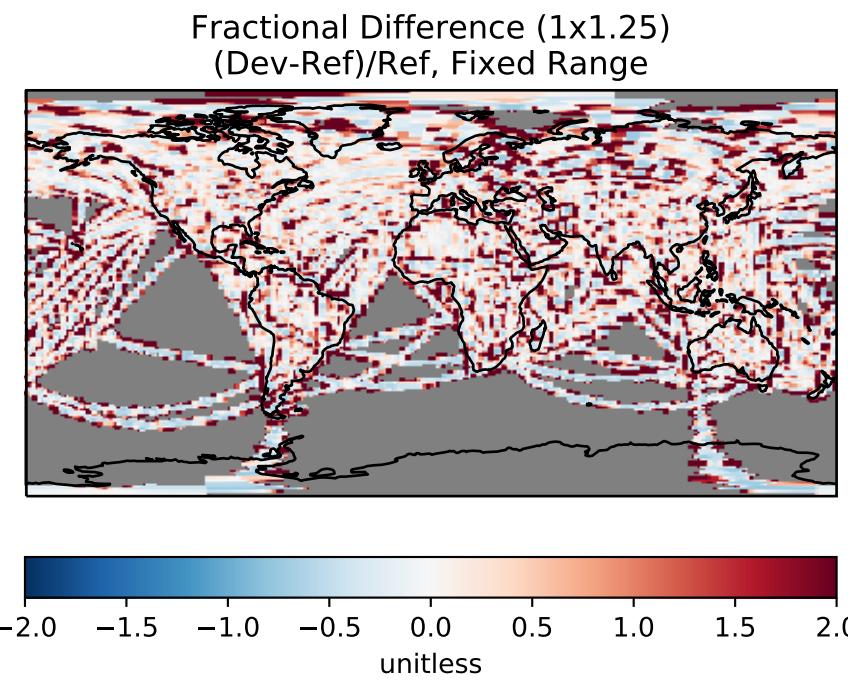
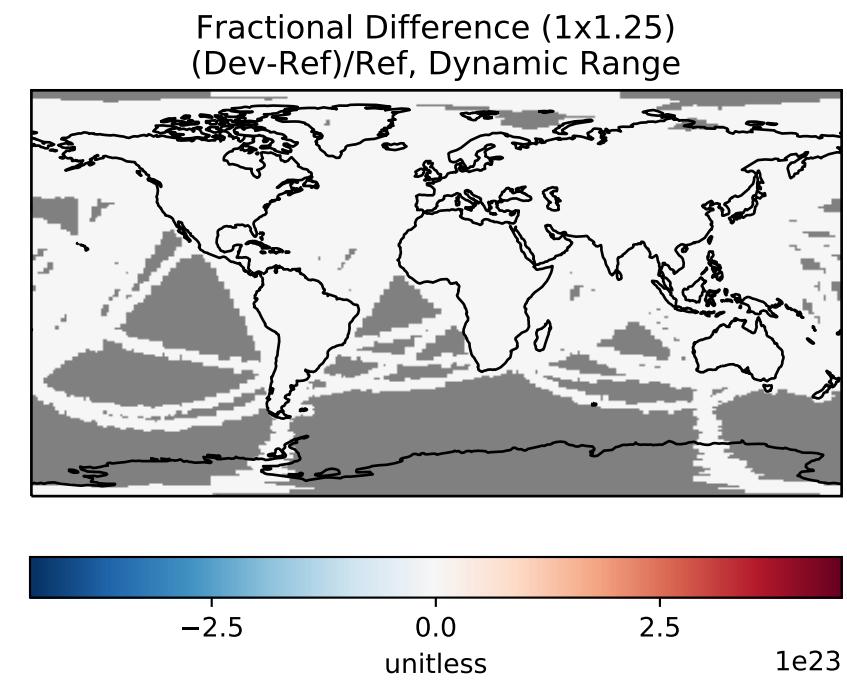
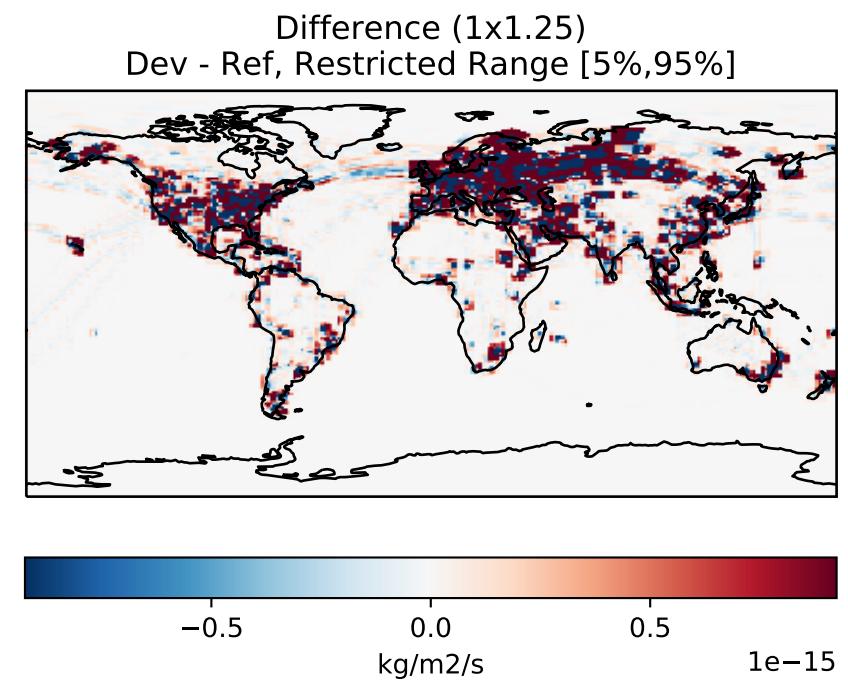
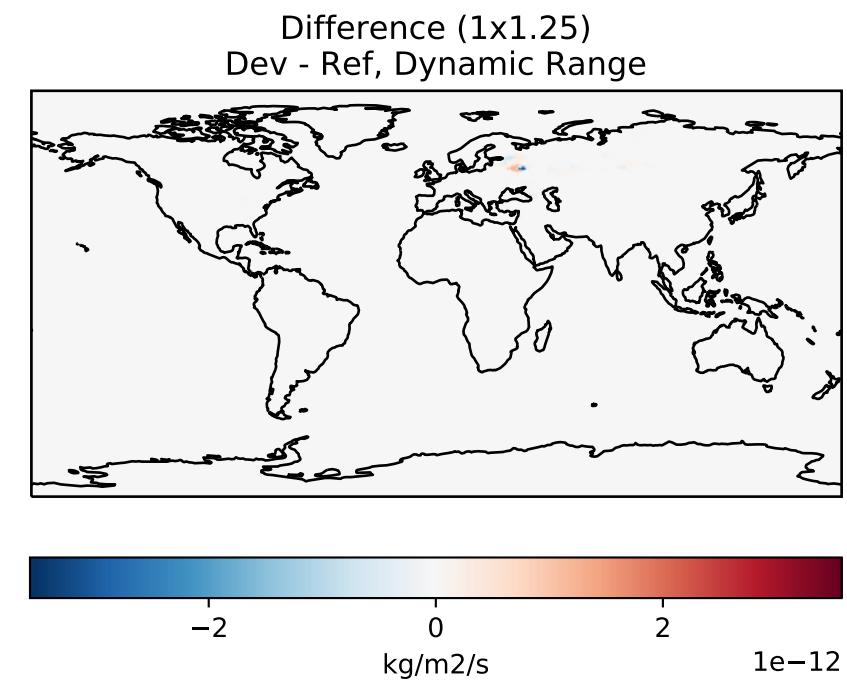
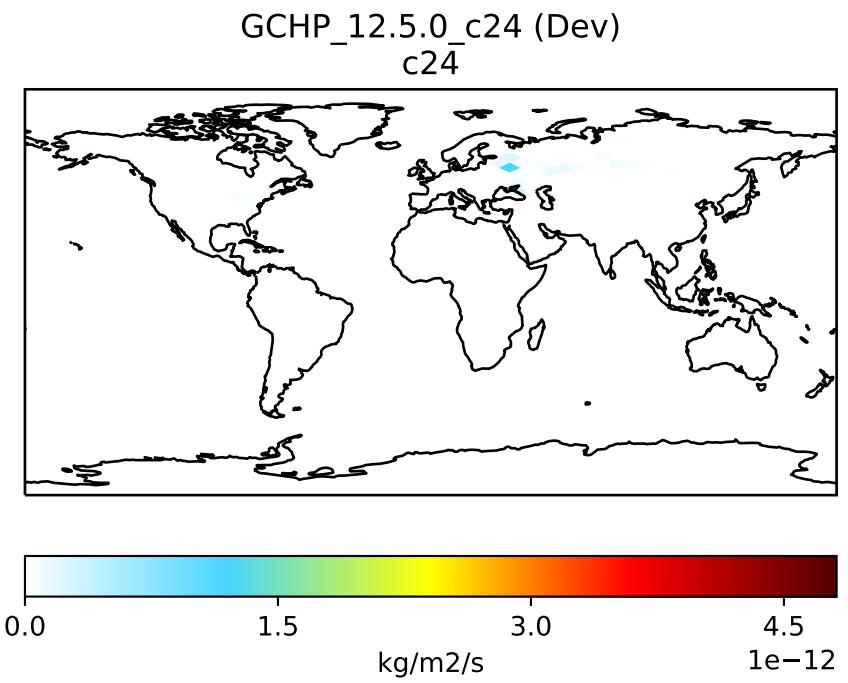
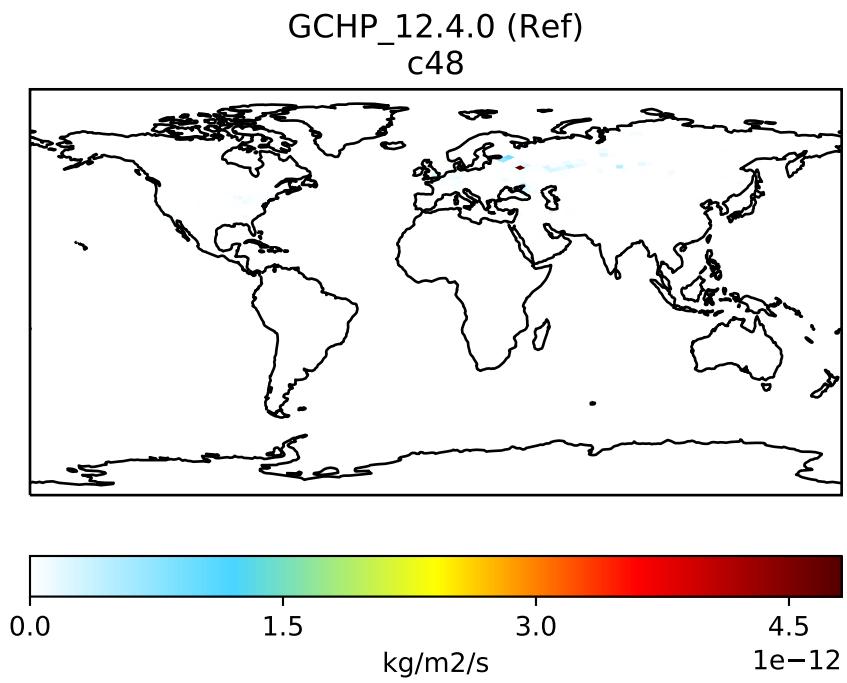


Undefined throughout domain
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EmisALD2_Total

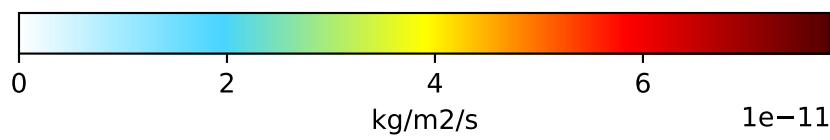
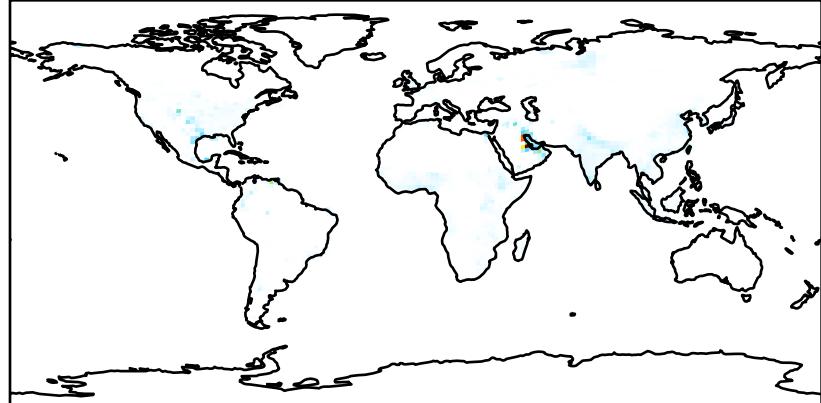


EmisCH2O_Aircraft

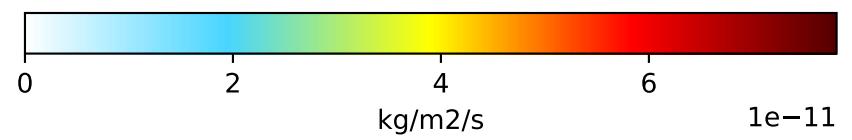
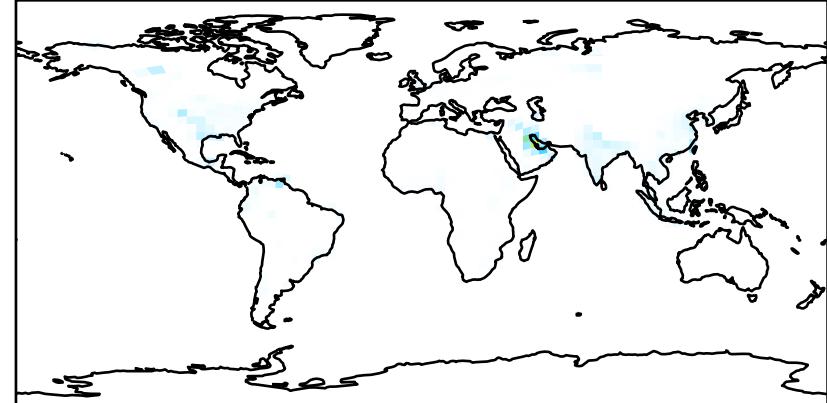


EmisCH2O_Anthro

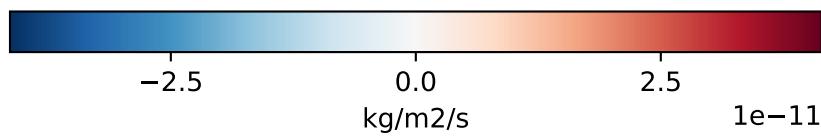
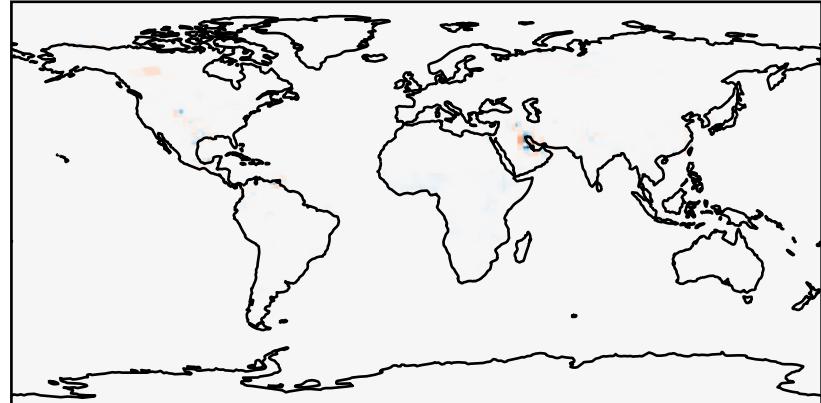
GCHP_12.4.0 (Ref)
c48



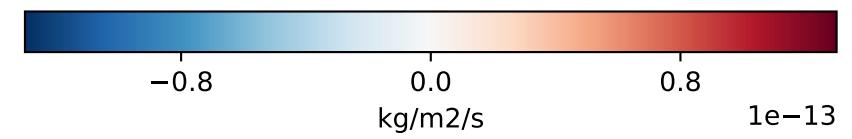
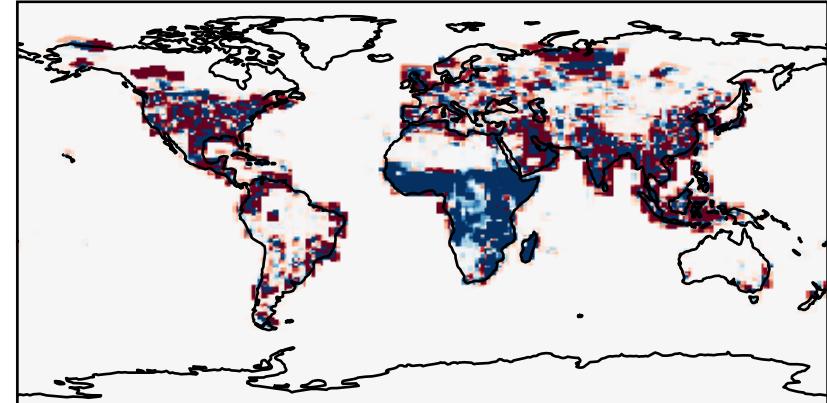
GCHP_12.5.0_c24 (Dev)
c24



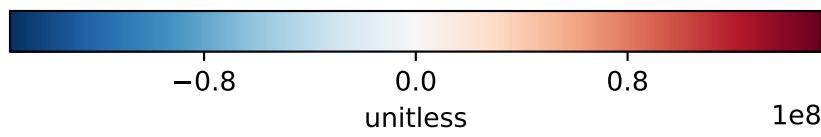
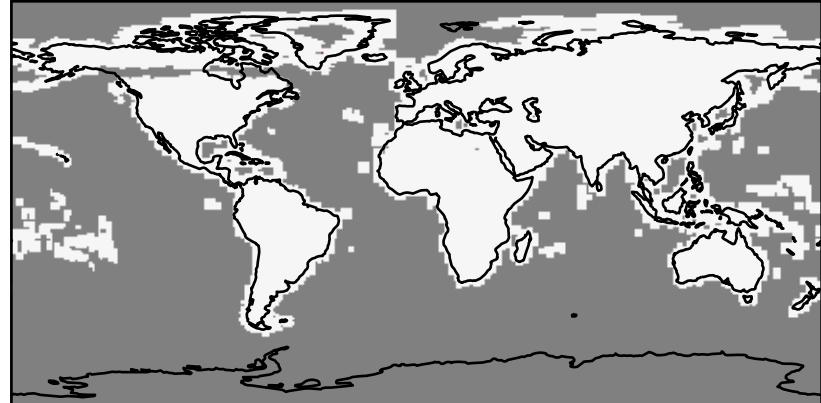
Difference (1x1.25)
Dev - Ref, Dynamic Range



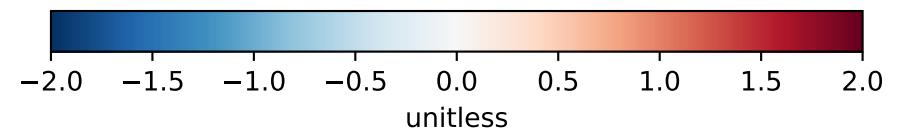
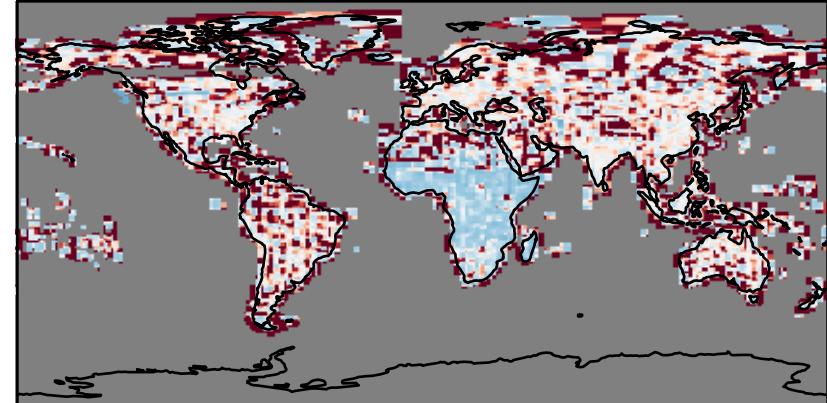
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



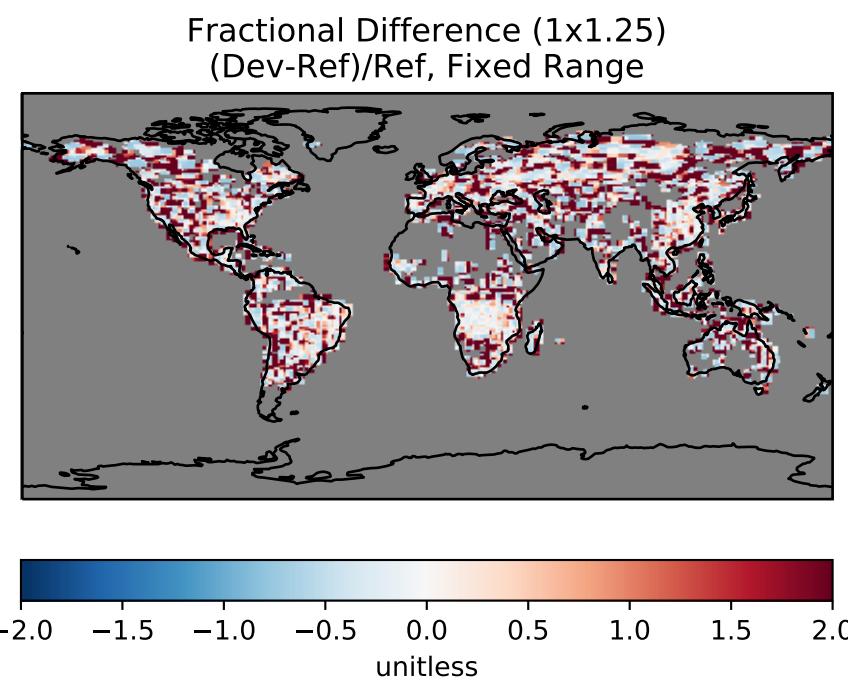
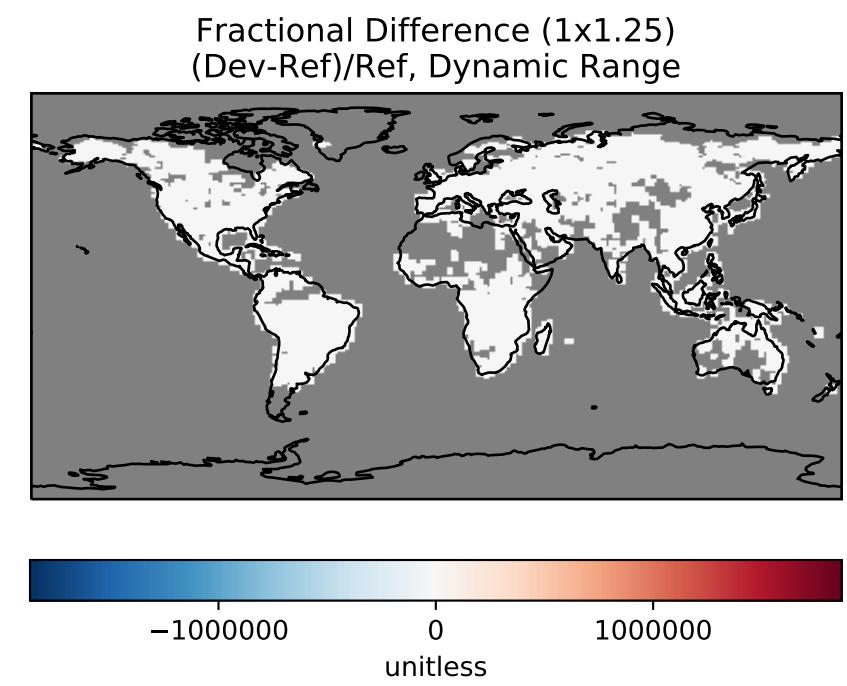
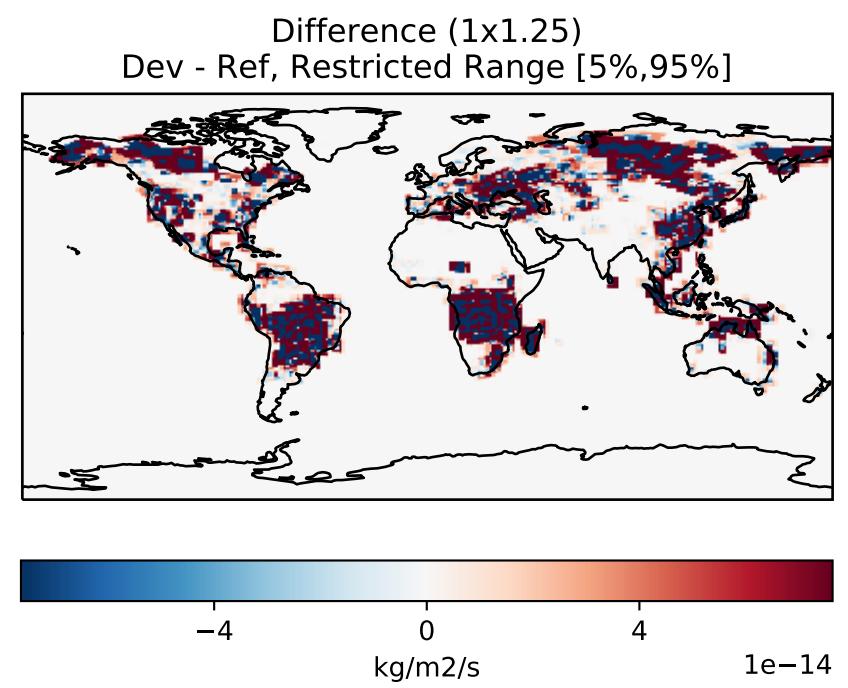
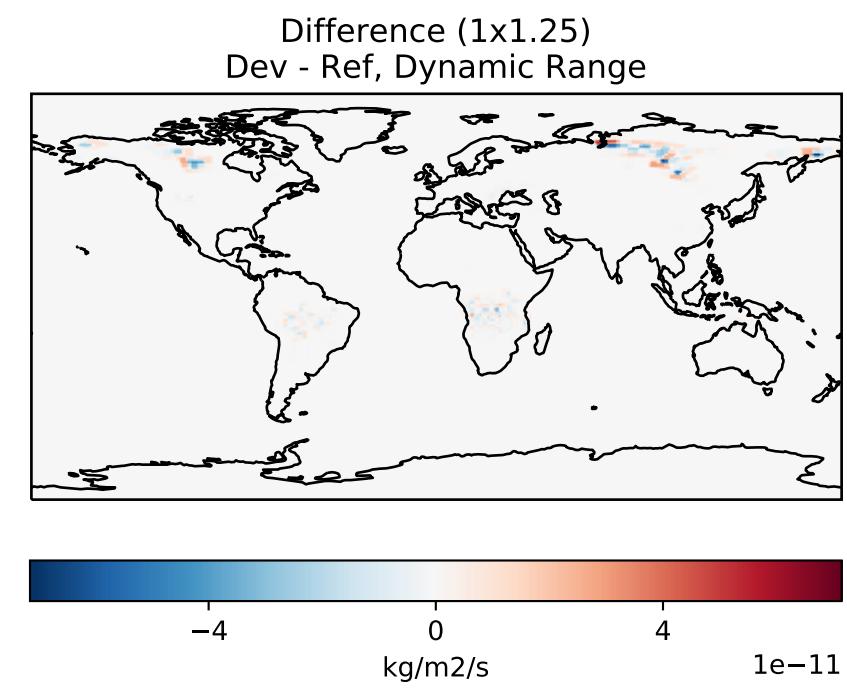
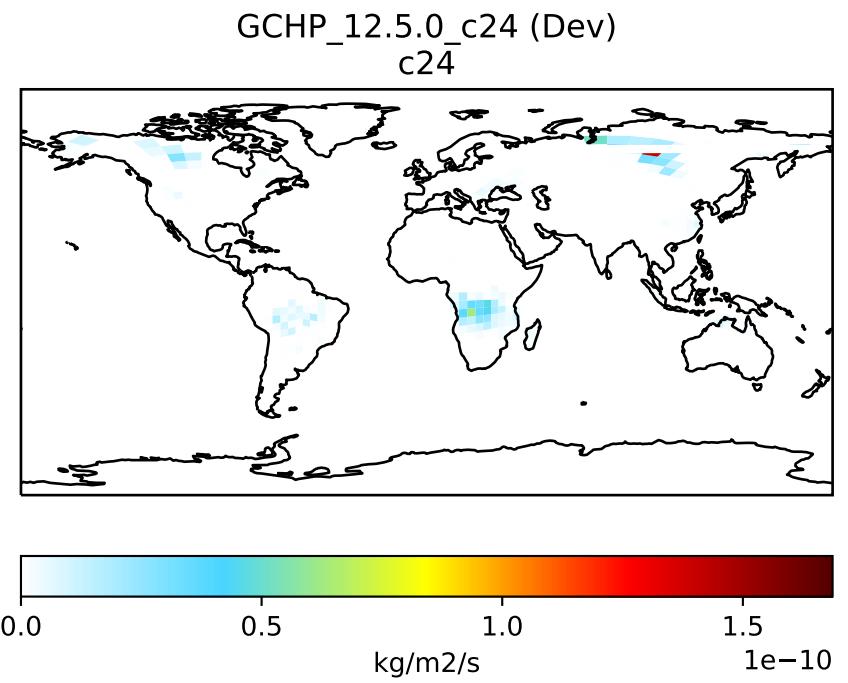
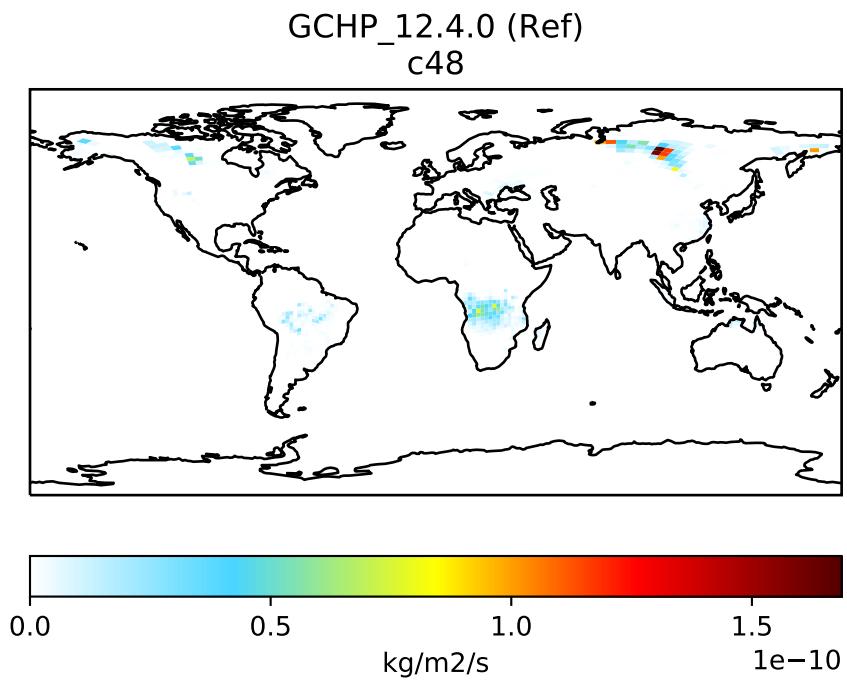
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

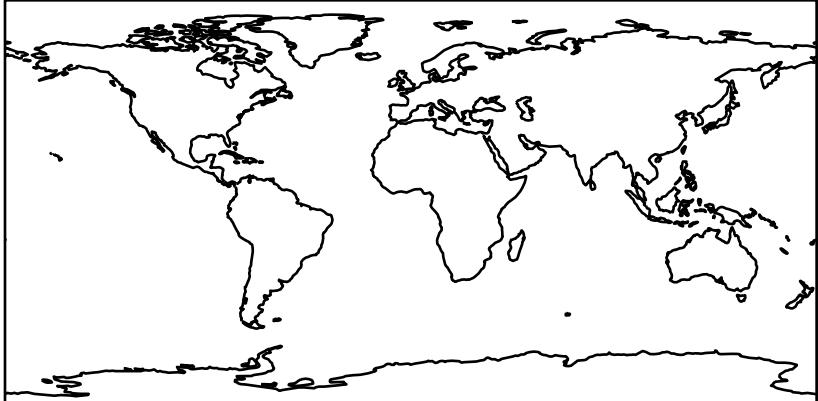


EmisCH2O_BioBurn



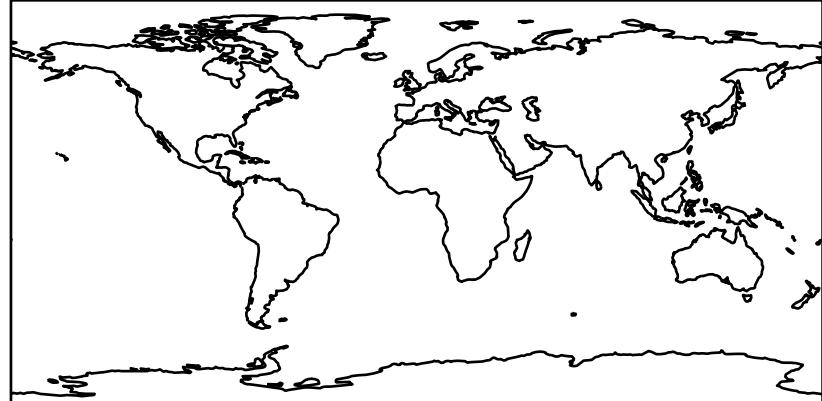
EmisCH2O_Ship

GCHP_12.4.0 (Ref)
c48



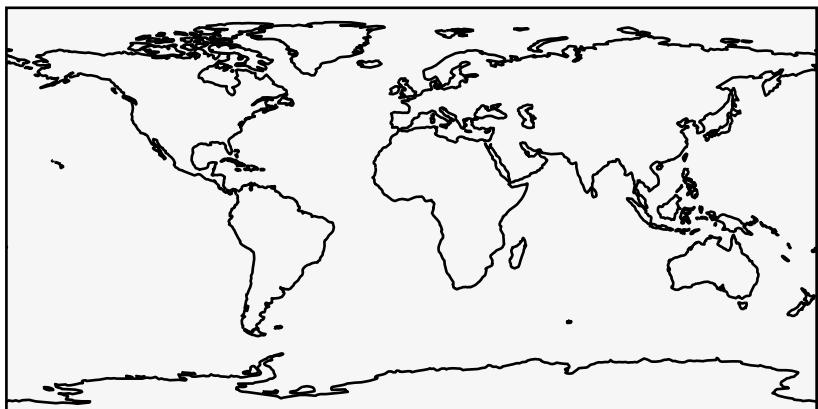
Zero throughout domain
kg/m²/s

GCHP_12.5.0_c24 (Dev)
c24



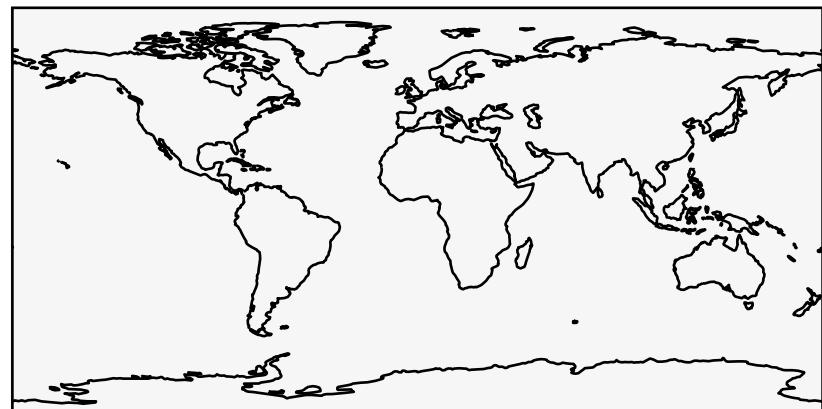
Zero throughout domain
kg/m²/s

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



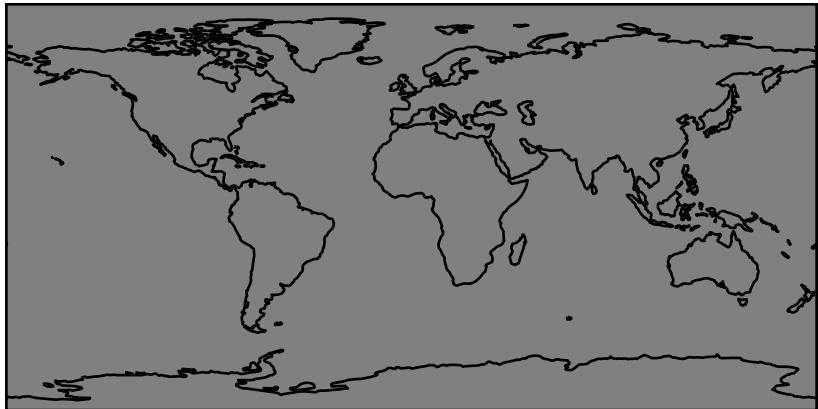
Zero throughout domain
kg/m²/s

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



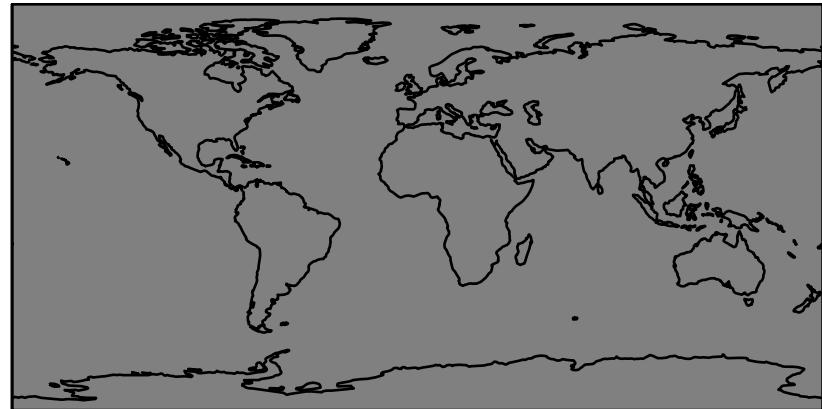
Zero throughout domain
kg/m²/s

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



Undefined throughout domain
unitless

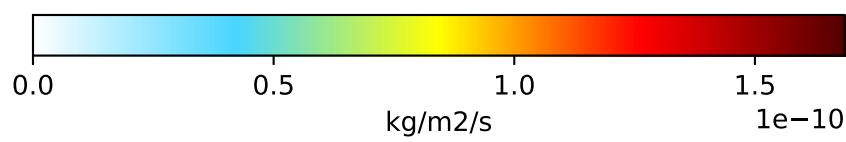
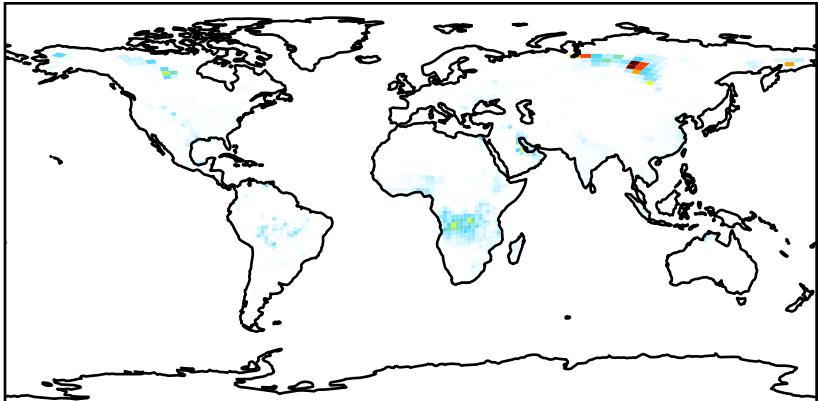
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



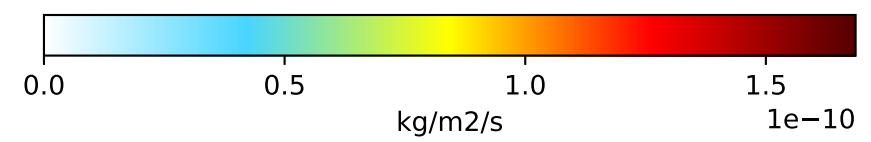
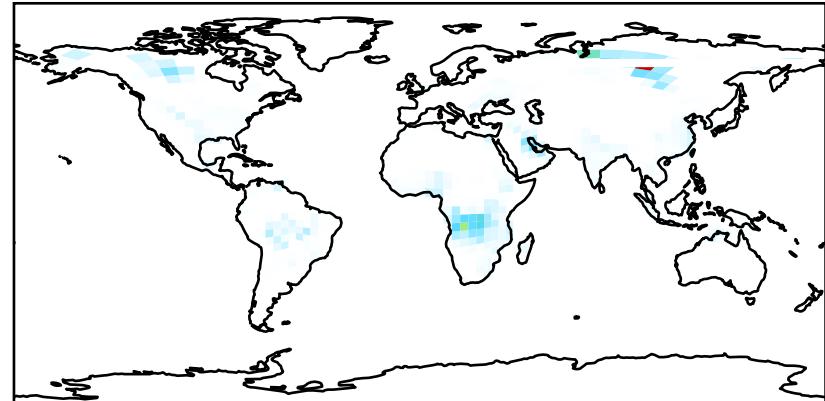
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unitless

EmisCH2O_Total

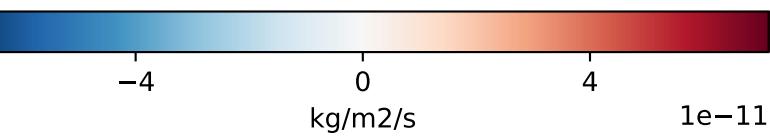
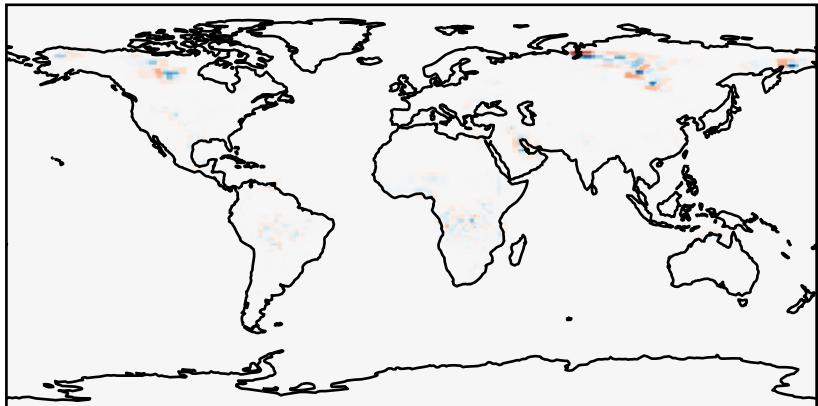
GCHP_12.4.0 (Ref)
c48



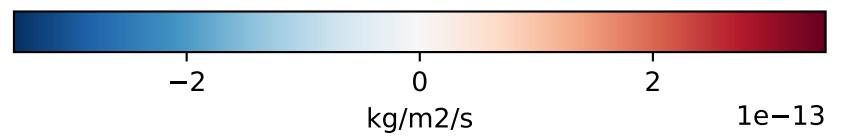
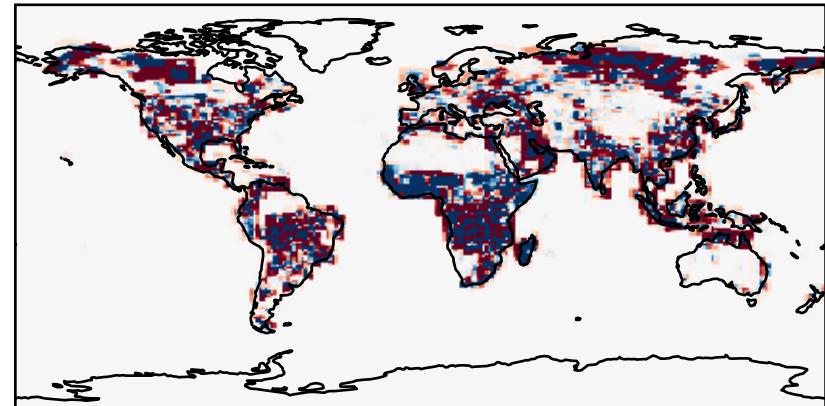
GCHP_12.5.0_c24 (Dev)
c24



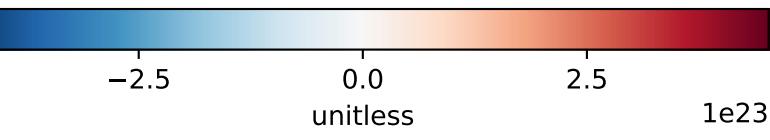
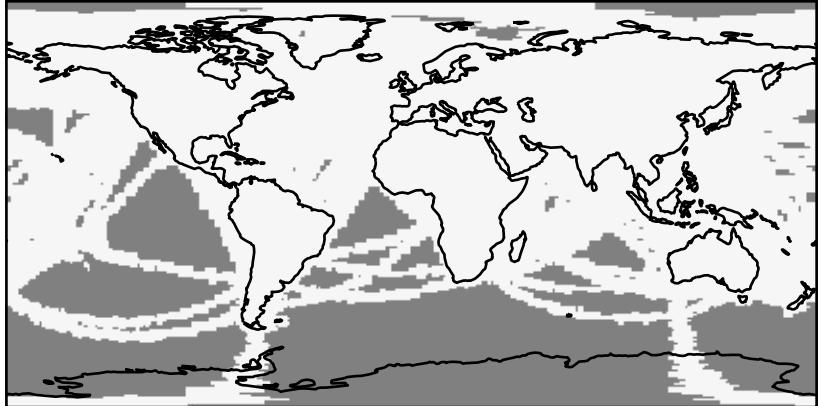
Difference (1x1.25)
Dev - Ref, Dynamic Range



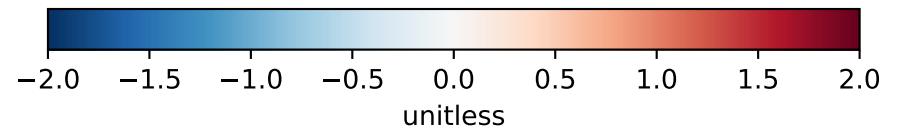
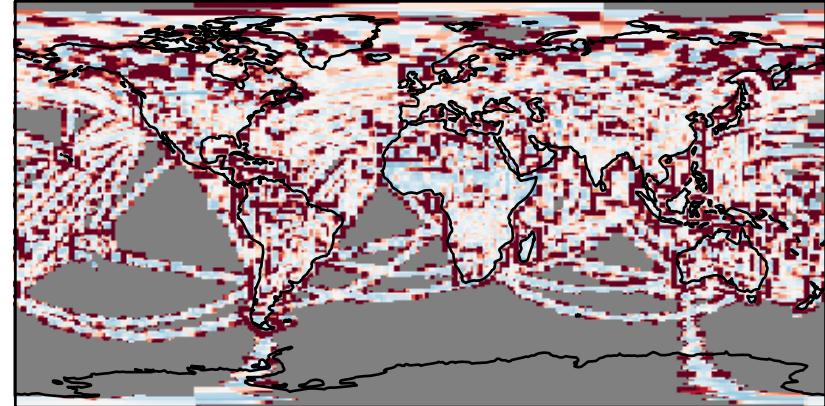
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

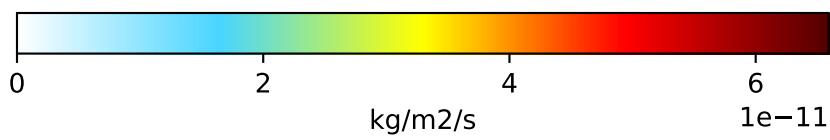
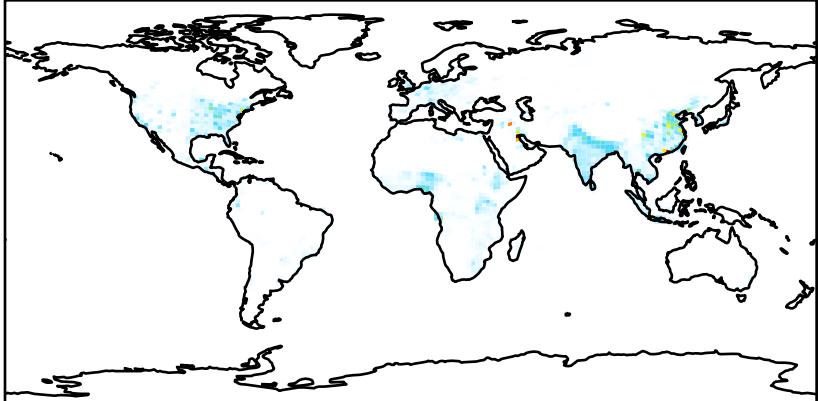


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

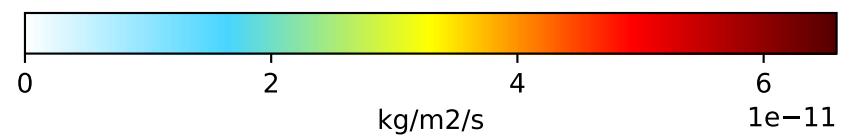
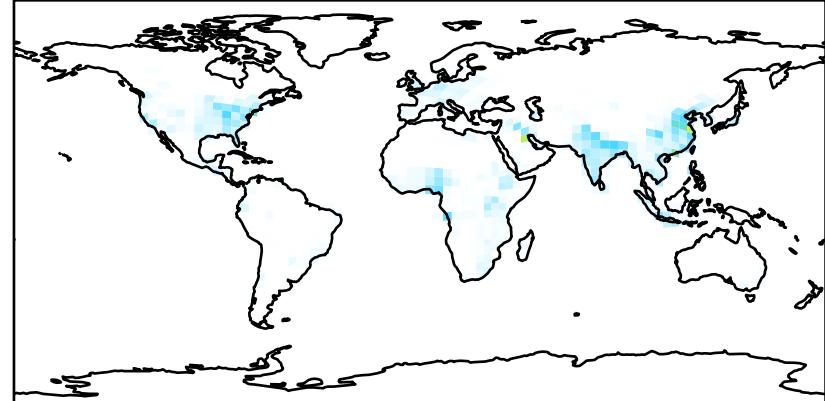


EmisEOH_Anthro

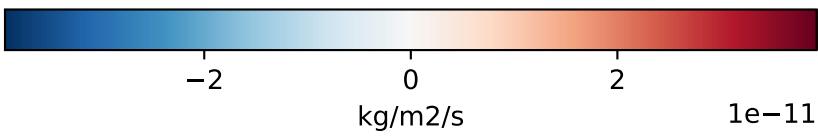
GCHP_12.4.0 (Ref)
c48



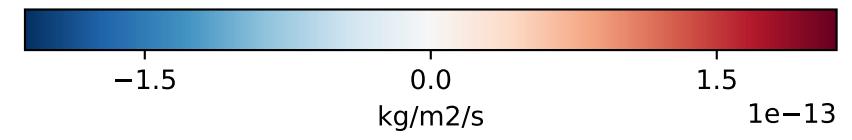
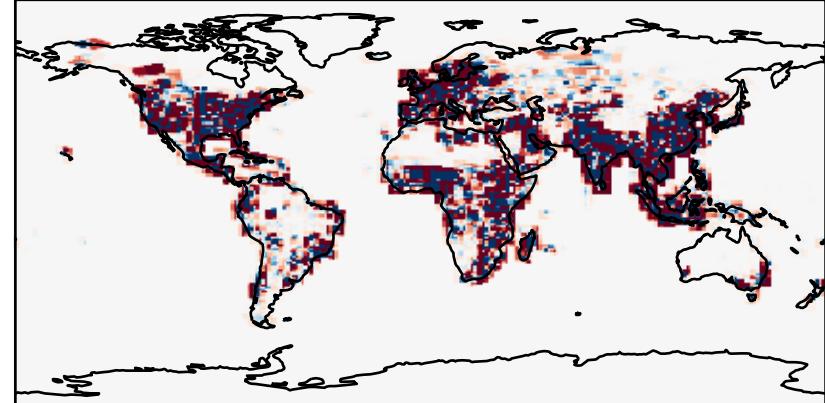
GCHP_12.5.0_c24 (Dev)
c24



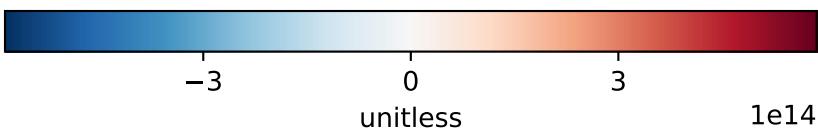
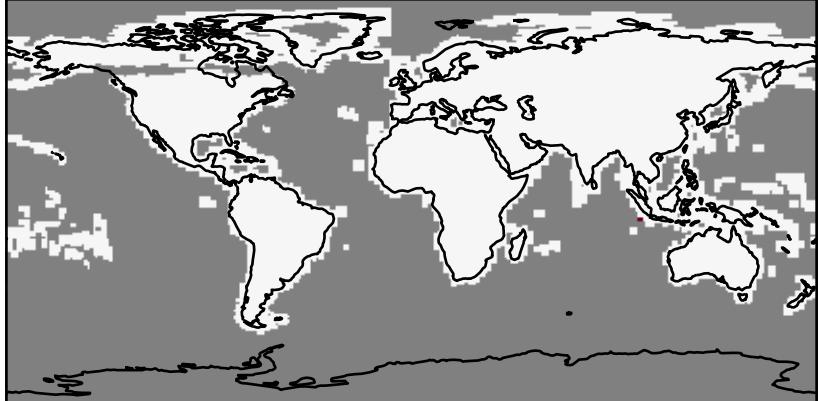
Difference (1x1.25)
Dev - Ref, Dynamic Range



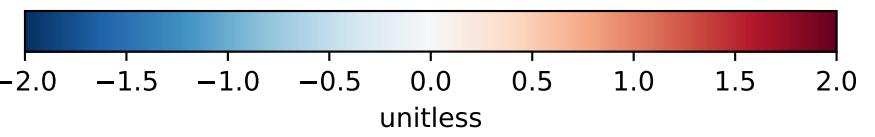
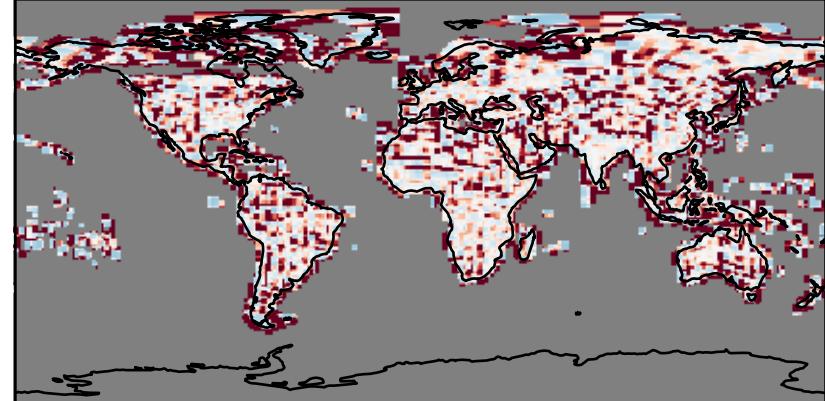
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

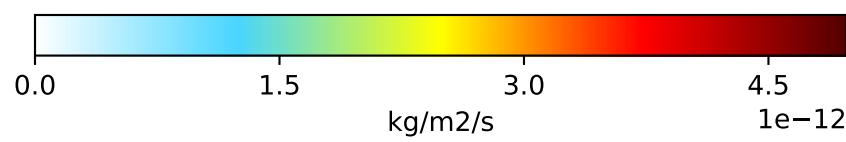
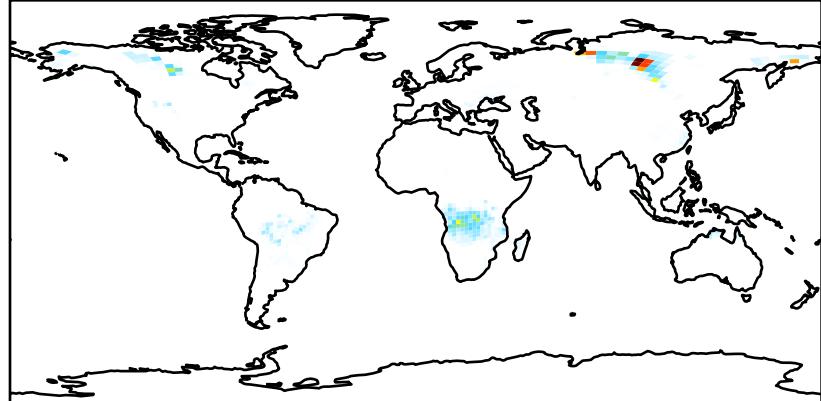


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

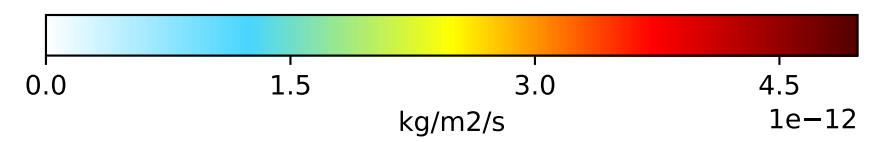
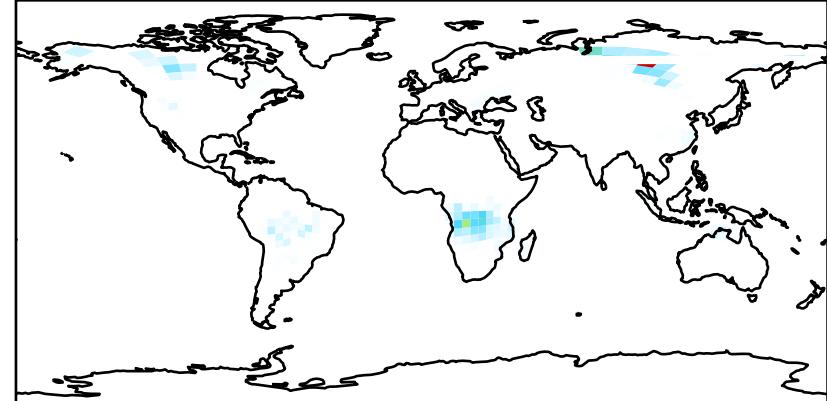


EmisEOH_BioBurn

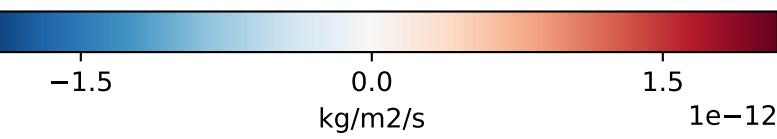
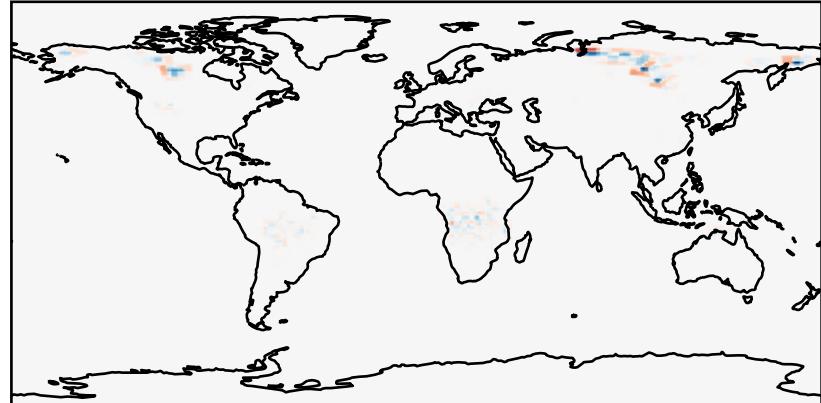
GCHP_12.4.0 (Ref)
c48



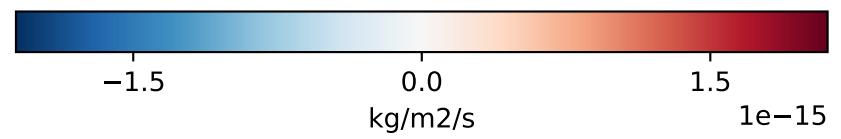
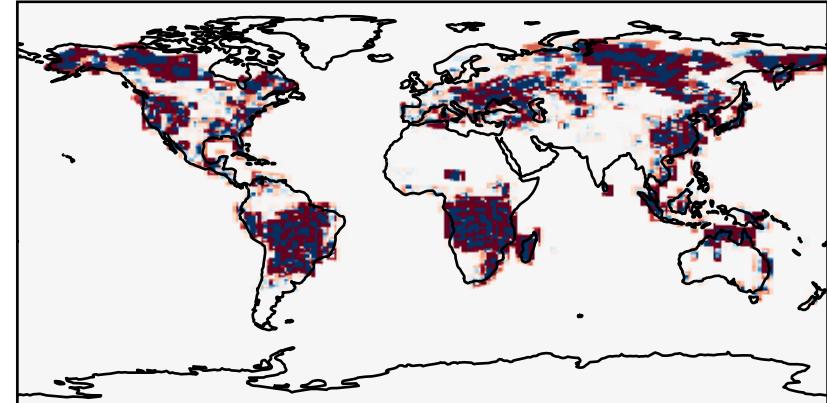
GCHP_12.5.0_c24 (Dev)
c24



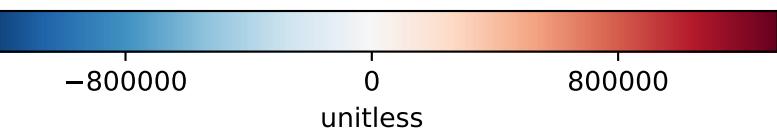
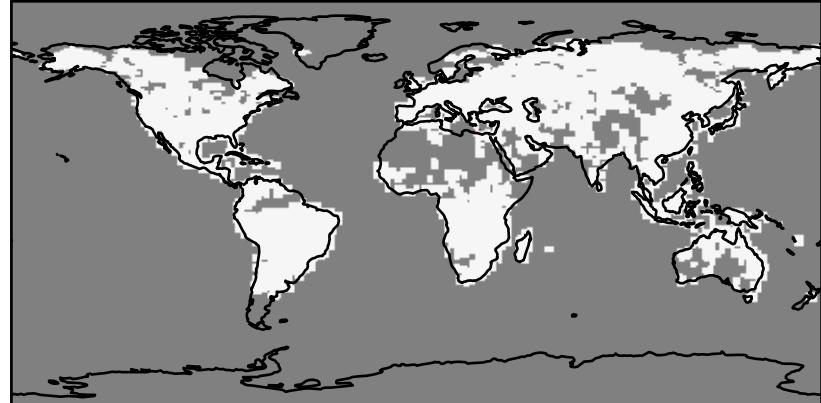
Difference (1x1.25)
Dev - Ref, Dynamic Range



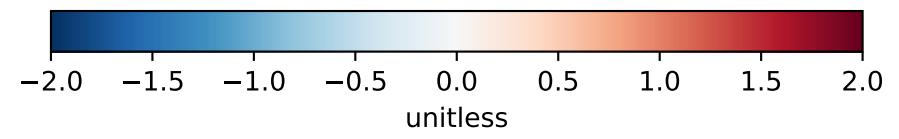
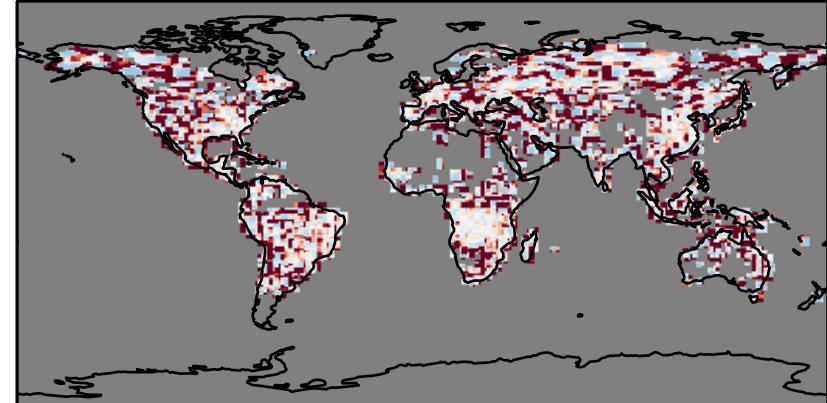
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

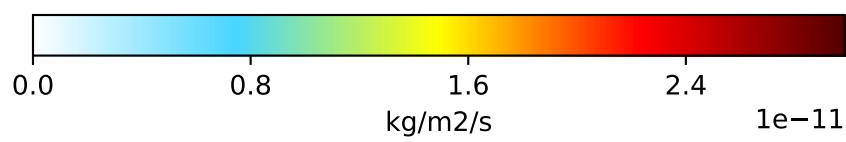
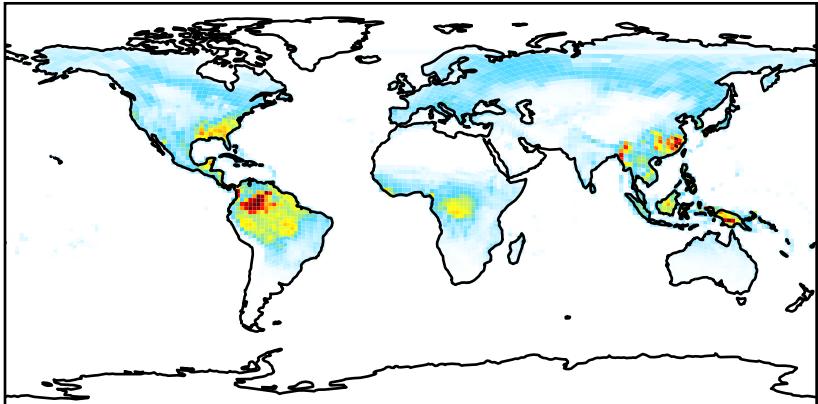


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

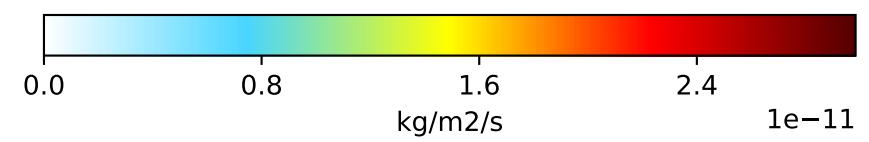
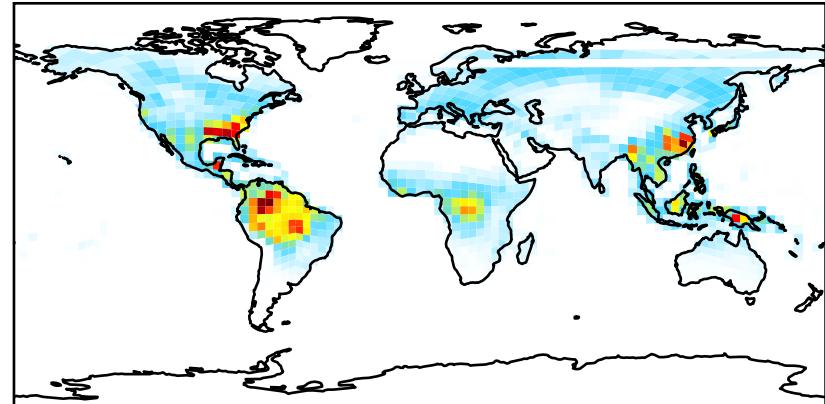


EmisEOH_Biogenic

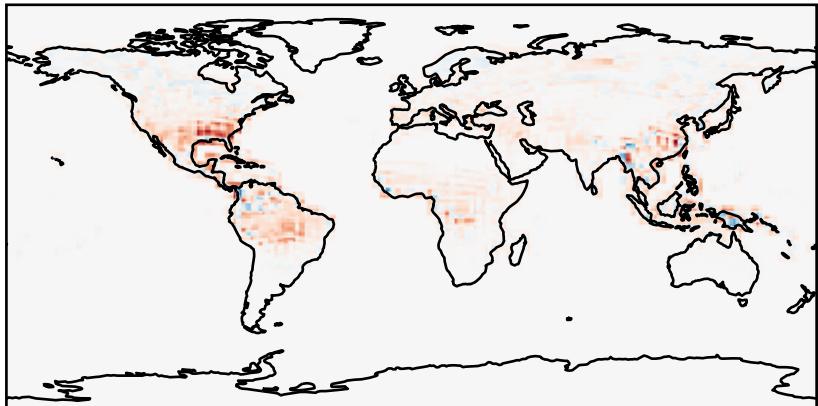
GCHP_12.4.0 (Ref)
c48



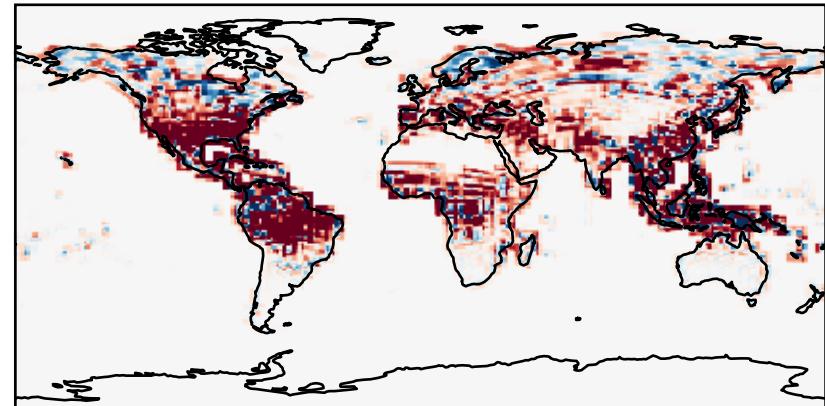
GCHP_12.5.0_c24 (Dev)
c24



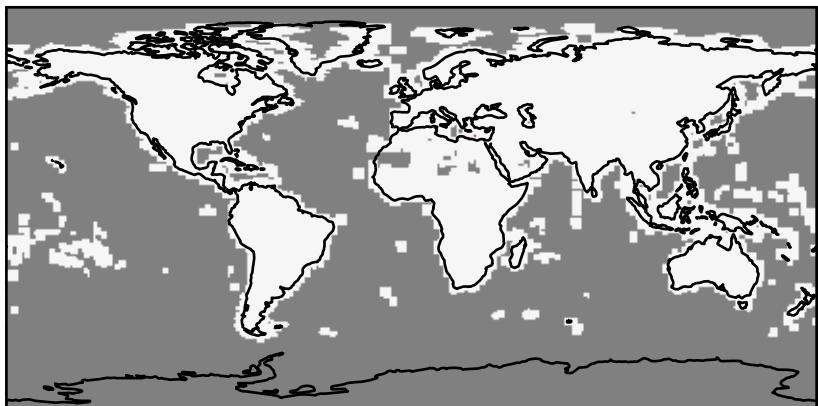
Difference (1x1.25)
Dev - Ref, Dynamic Range



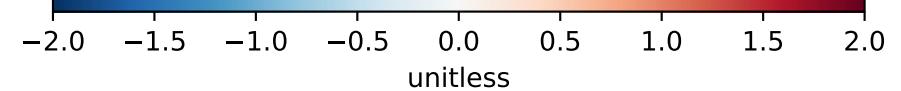
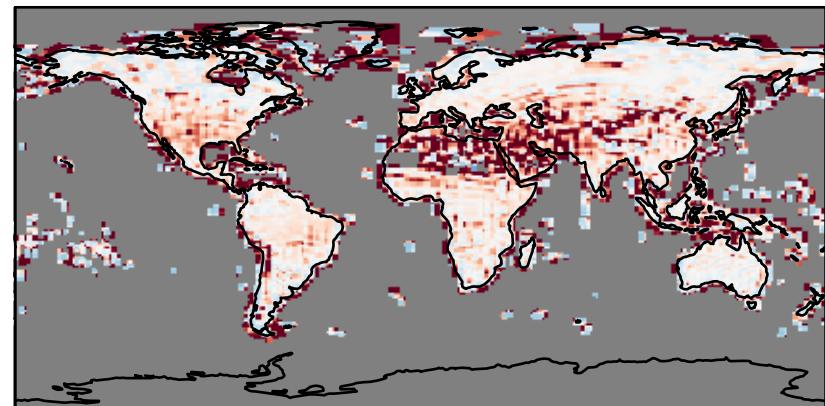
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



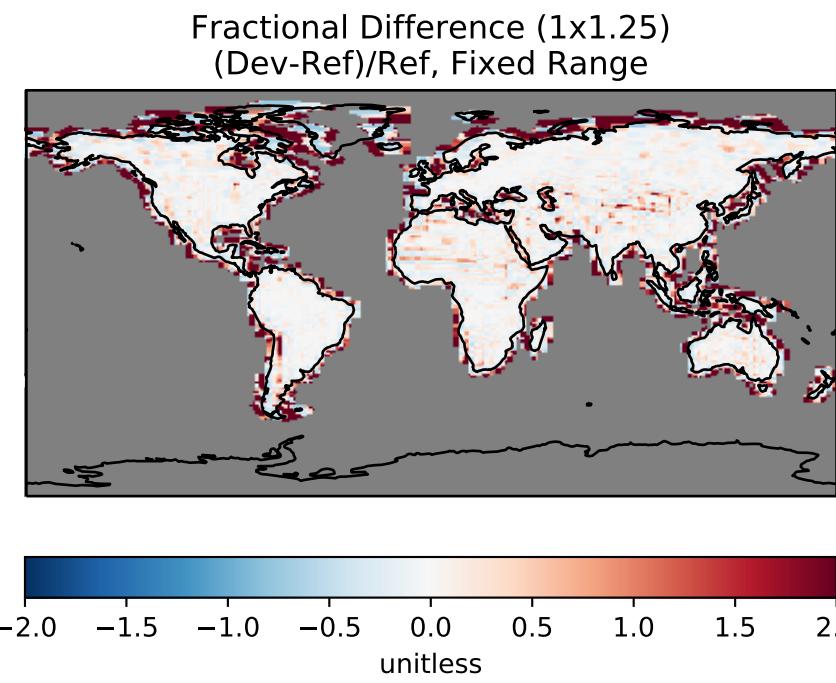
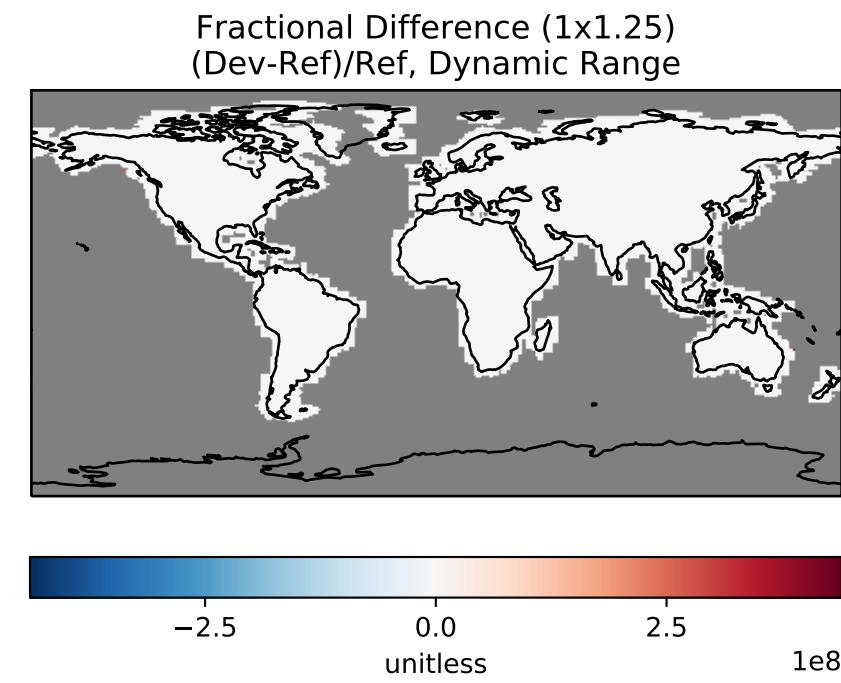
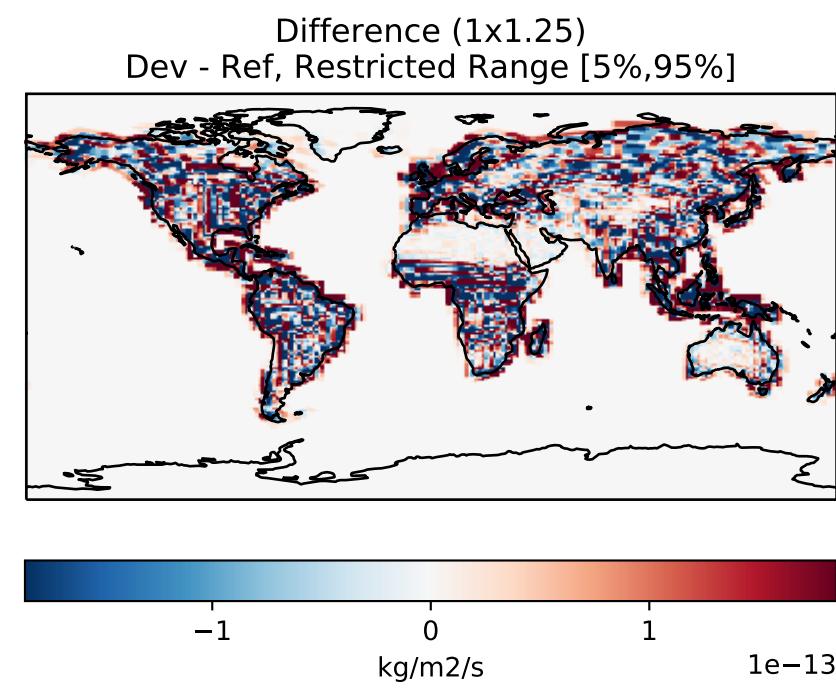
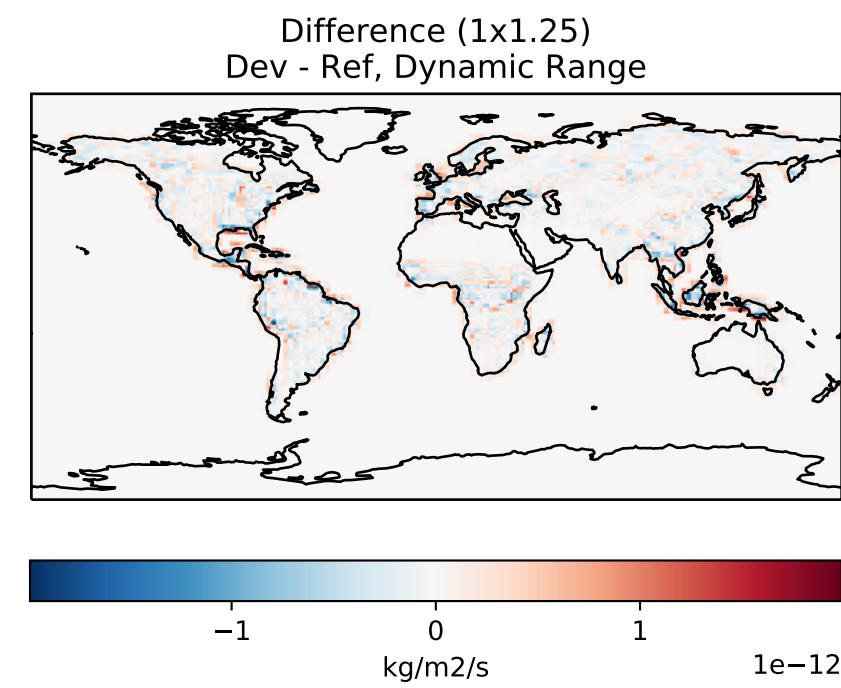
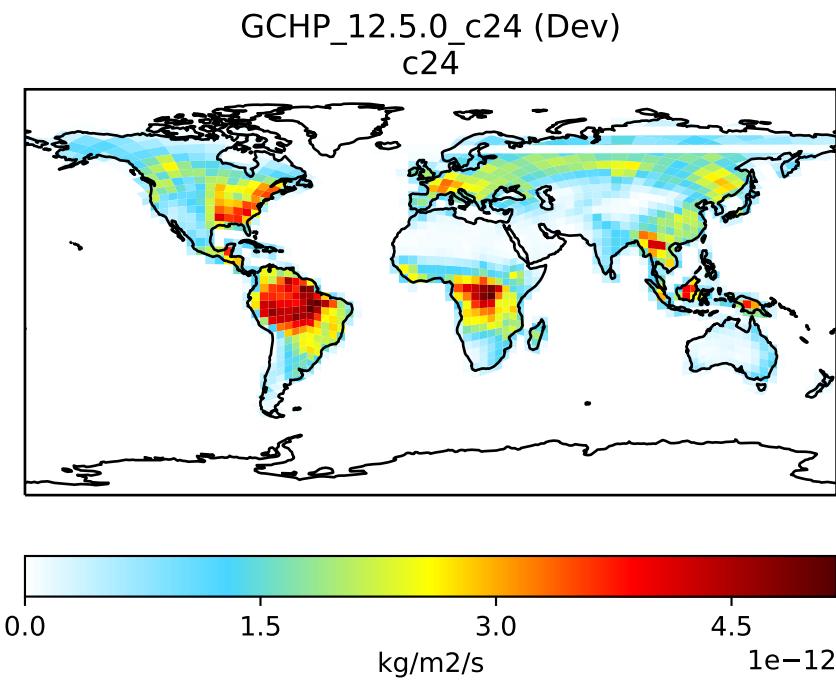
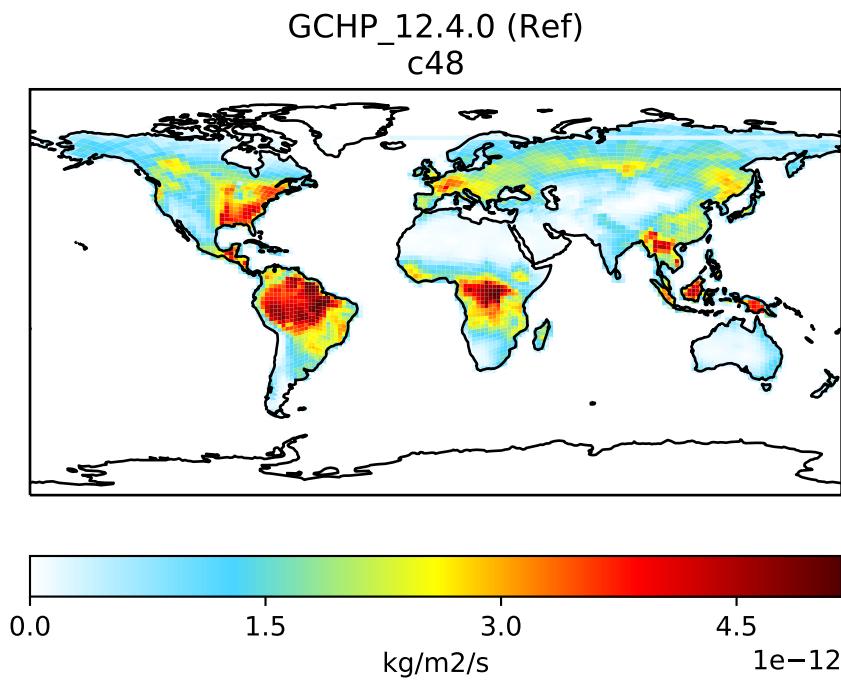
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

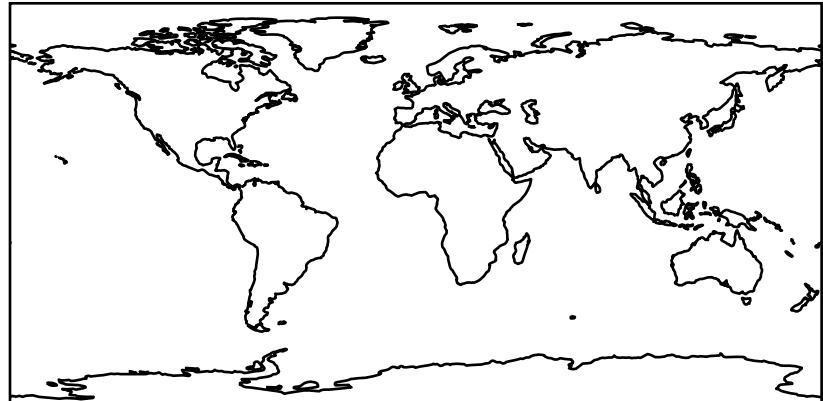


EmisEOH_PlantDecay



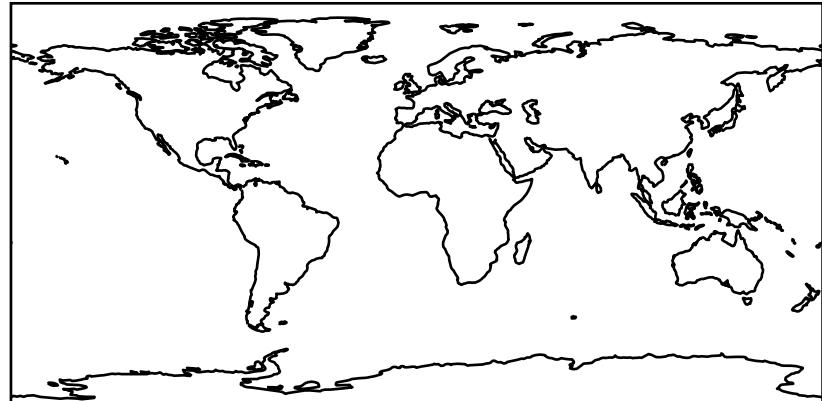
EmisEOH_Ship

GCHP_12.4.0 (Ref)
c48



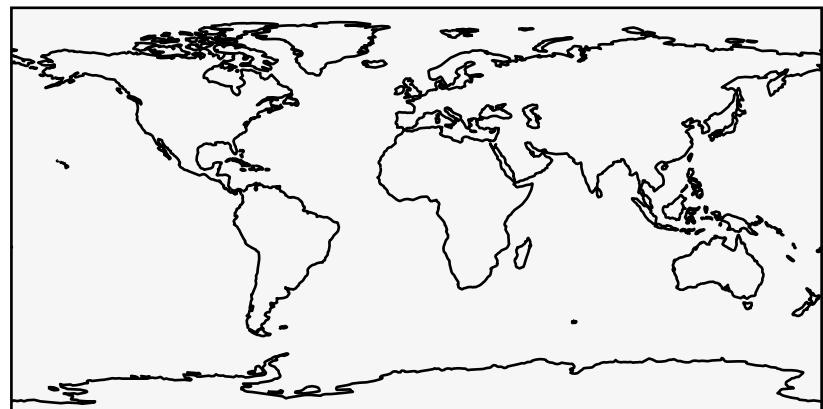
Zero throughout domain
kg/m²/s

GCHP_12.5.0_c24 (Dev)
c24



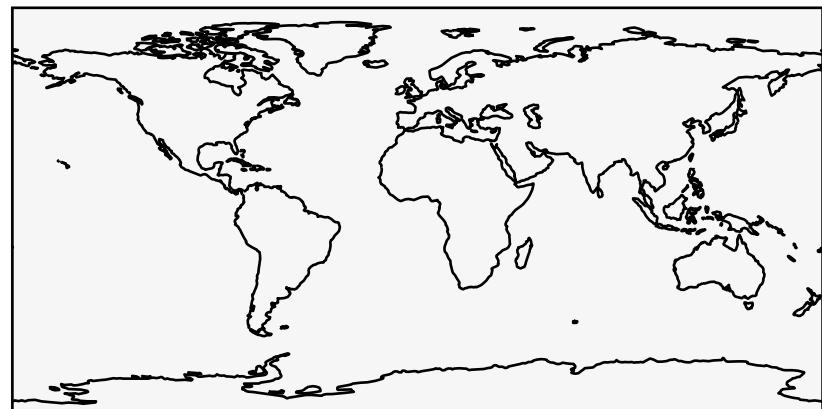
Zero throughout domain
kg/m²/s

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



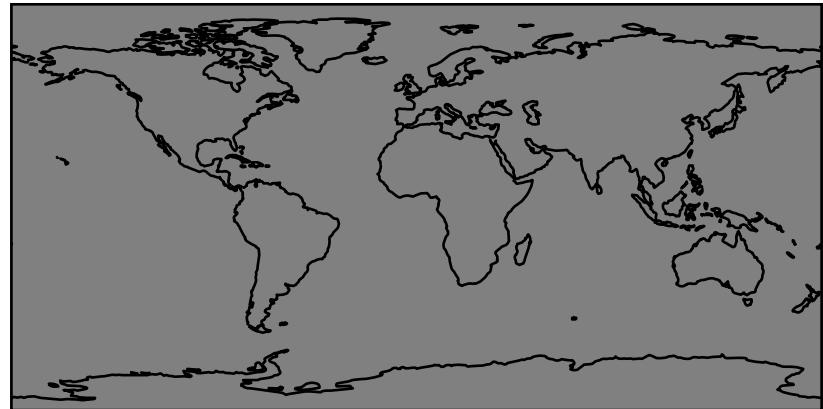
Zero throughout domain
kg/m²/s

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



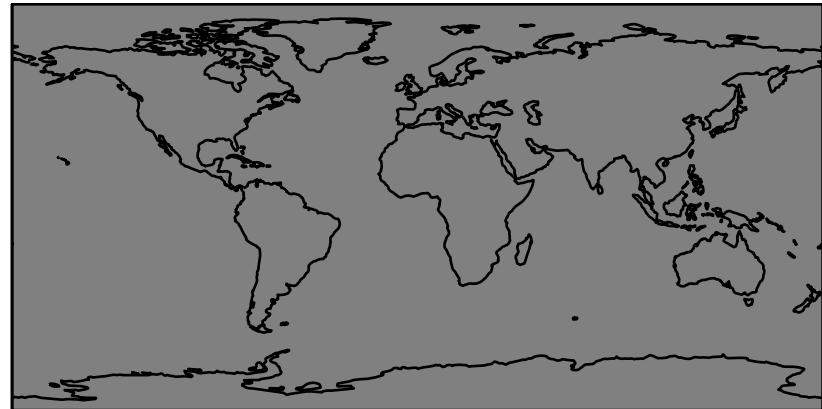
Zero throughout domain
kg/m²/s

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



Undefined throughout domain
unitless

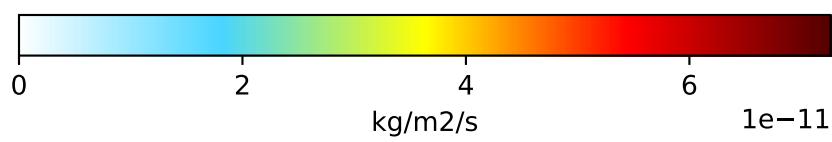
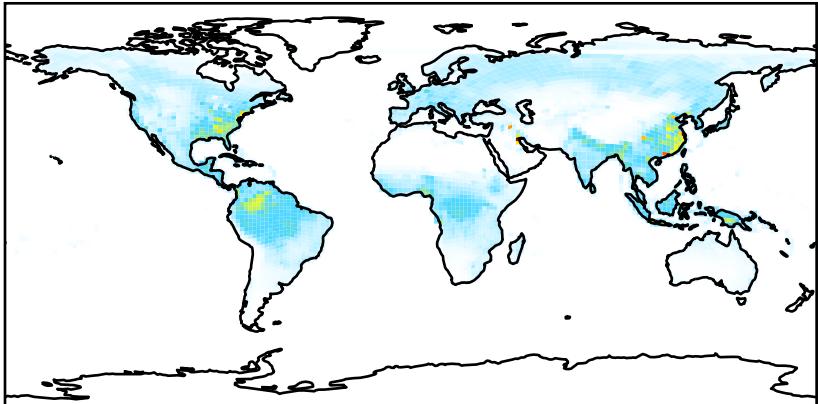
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



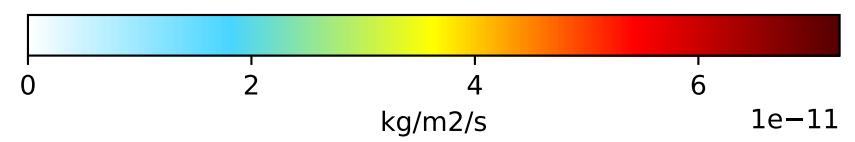
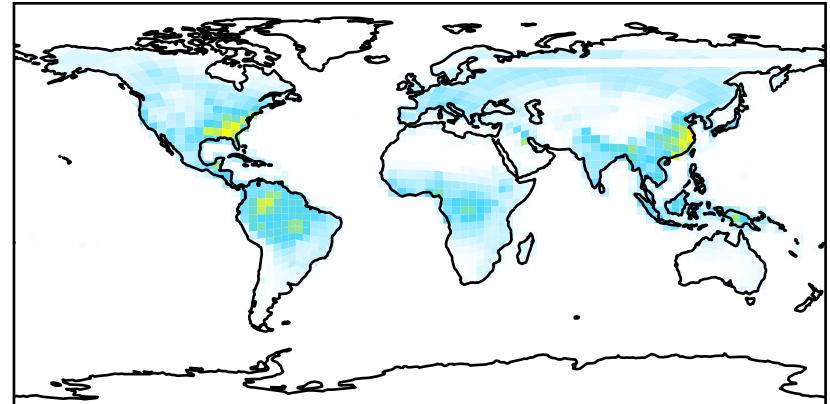
Undefined throughout domain
unitless

EmisEOH_Total

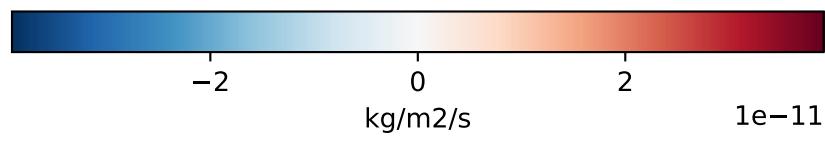
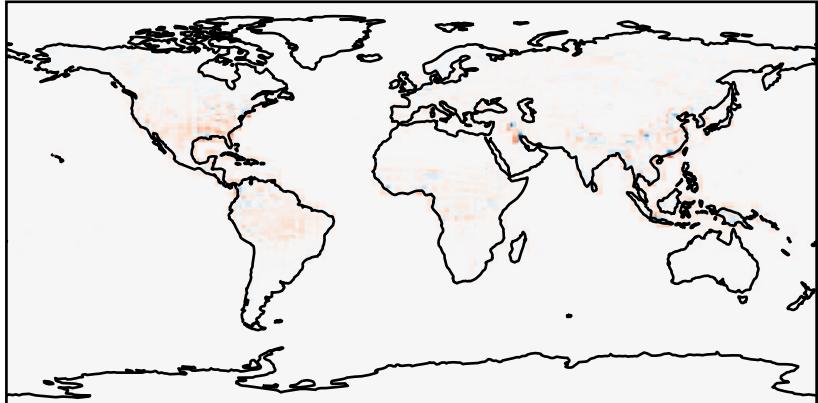
GCHP_12.4.0 (Ref)
c48



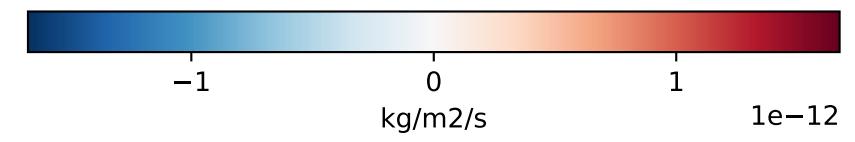
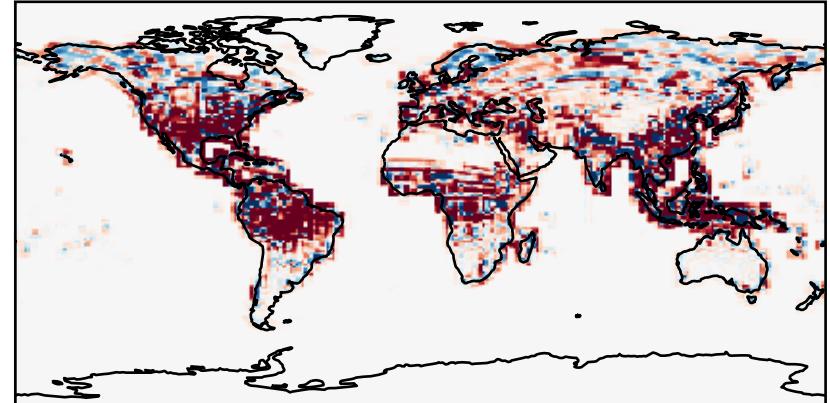
GCHP_12.5.0_c24 (Dev)
c24



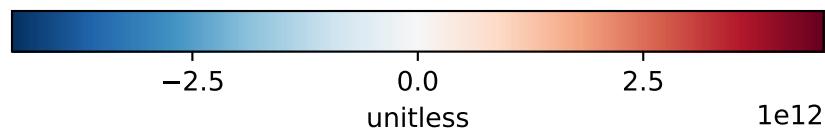
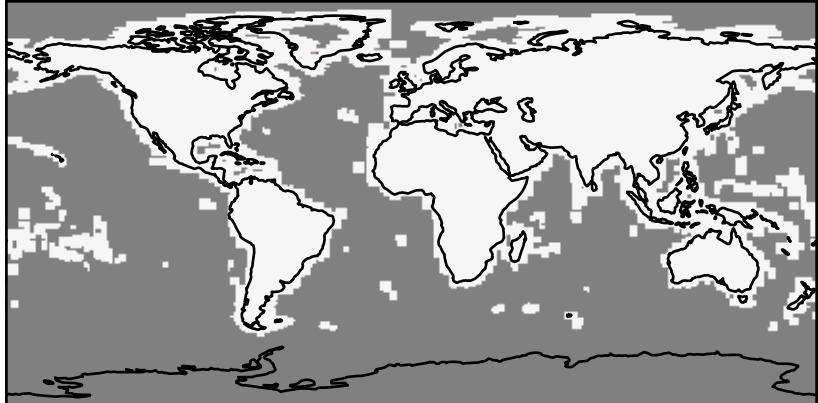
Difference (1x1.25)
Dev - Ref, Dynamic Range



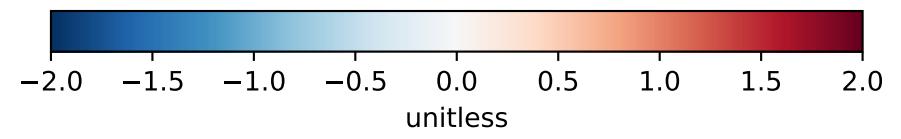
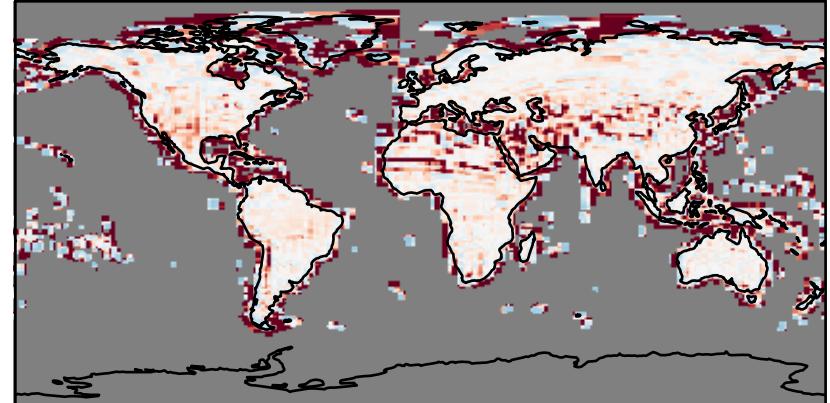
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

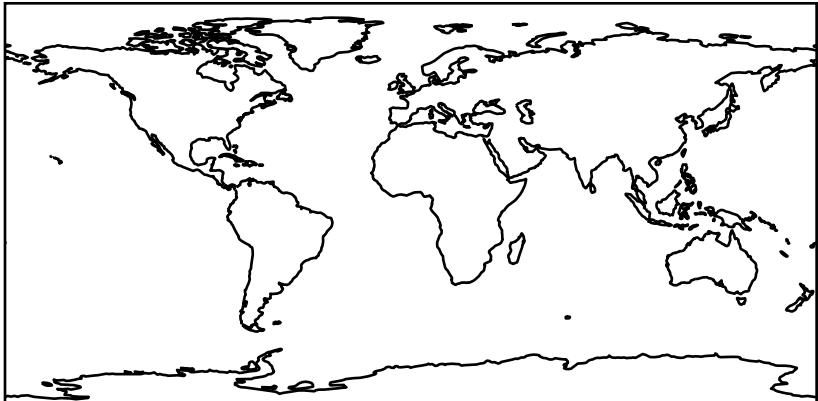


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



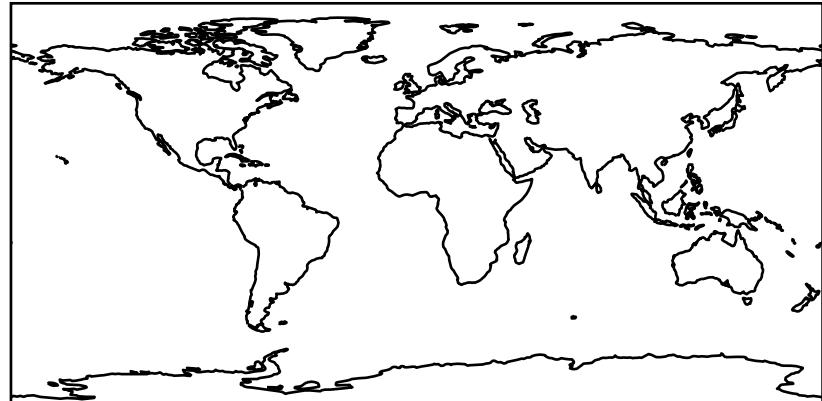
EmisMOH_Anthro

GCHP_12.4.0 (Ref)
c48



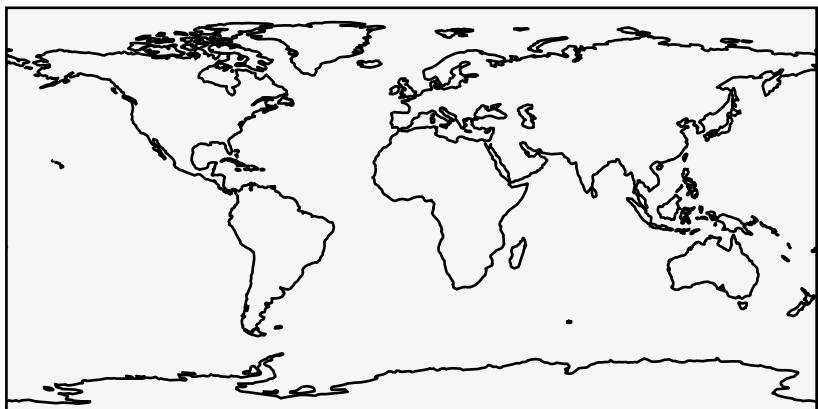
Zero throughout domain
kg/m²/s

GCHP_12.5.0_c24 (Dev)
c24



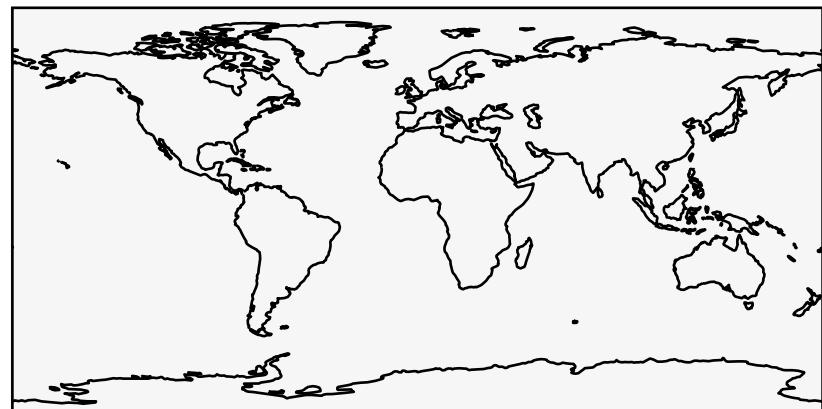
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kg/m²/s

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



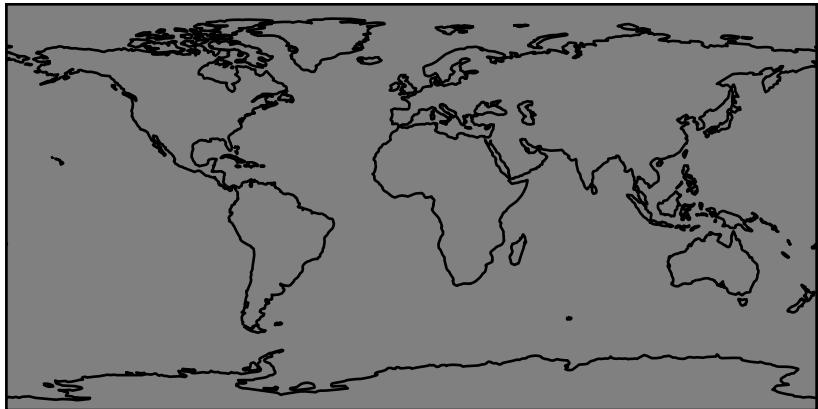
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kg/m²/s

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



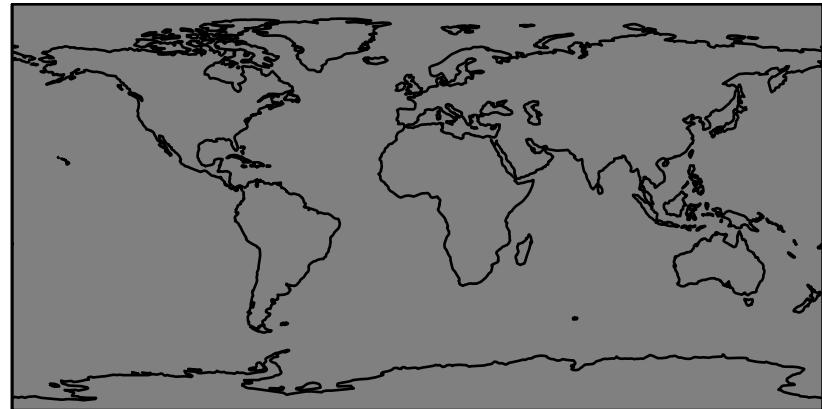
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kg/m²/s

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



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unitless

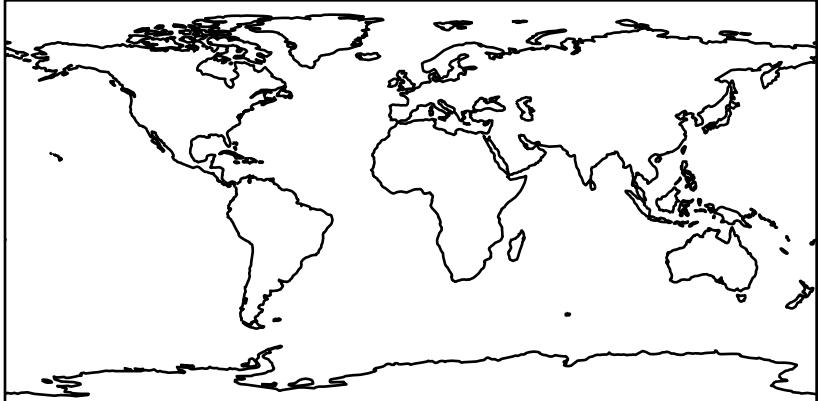
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



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unitless

EmisMOH_Ship

GCHP_12.4.0 (Ref)
c48



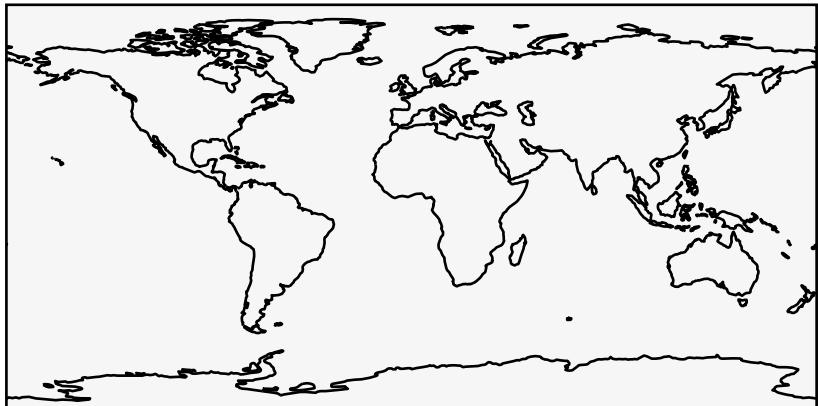
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kg/m²/s

GCHP_12.5.0_c24 (Dev)
c24



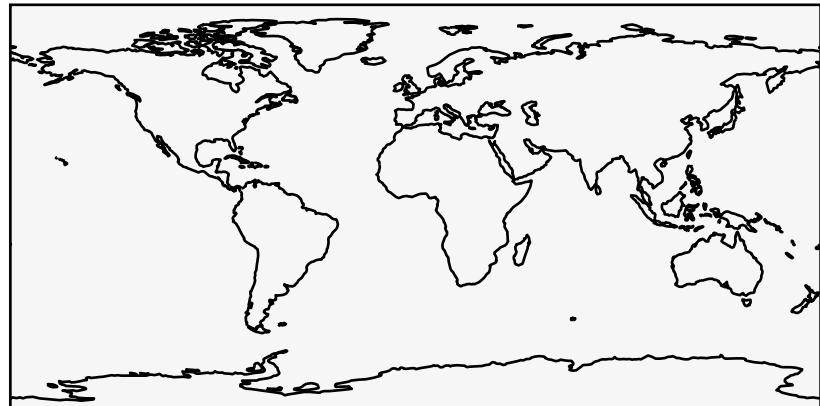
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kg/m²/s

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



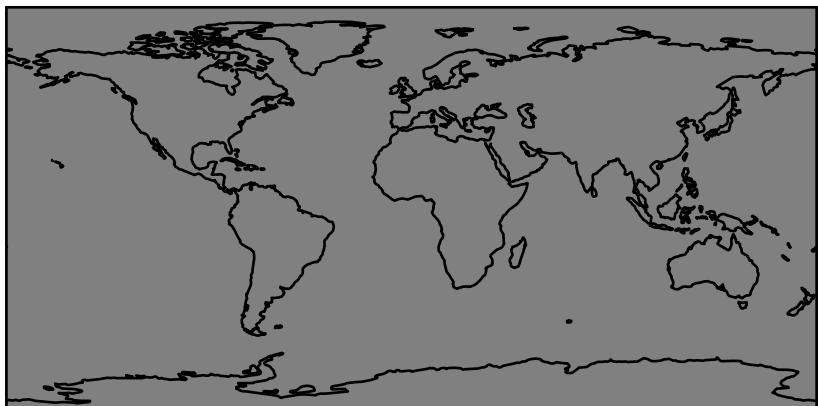
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kg/m²/s

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



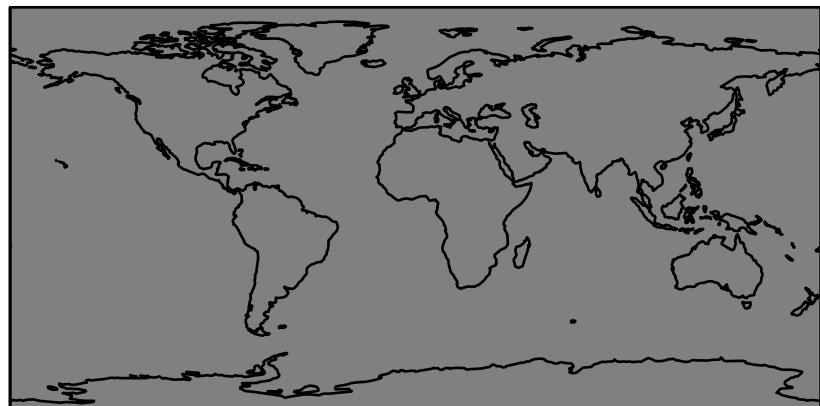
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kg/m²/s

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



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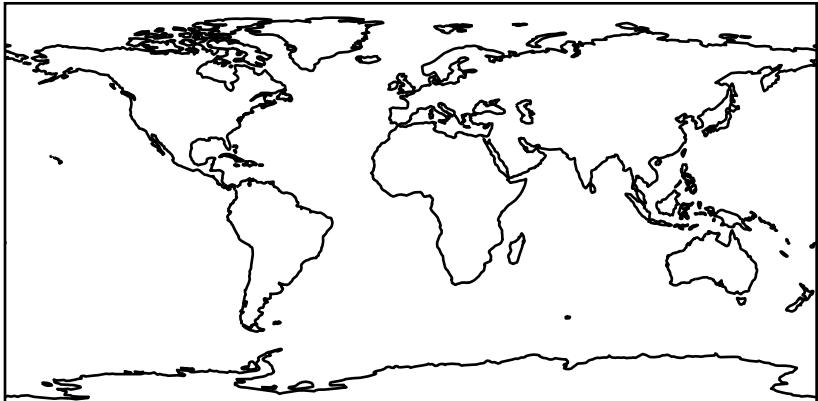
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



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unitless

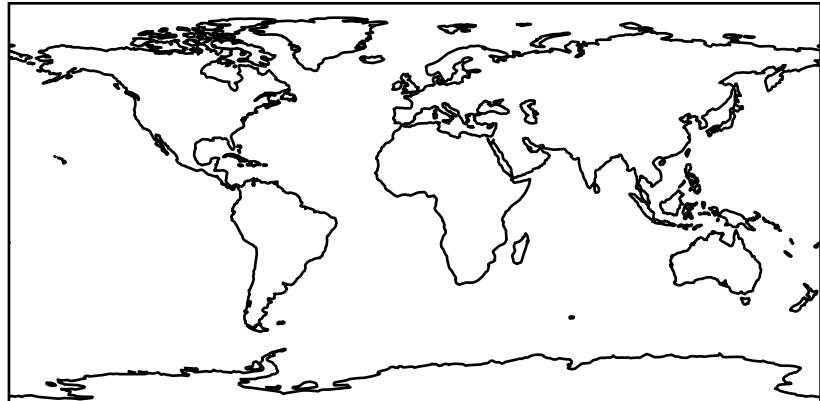
EmisMOH_Total

GCHP_12.4.0 (Ref)
c48



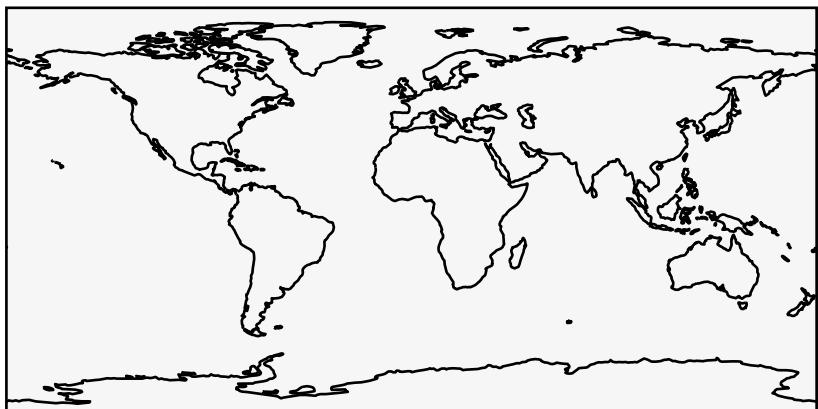
Zero throughout domain
kg/m²/s

GCHP_12.5.0_c24 (Dev)
c24



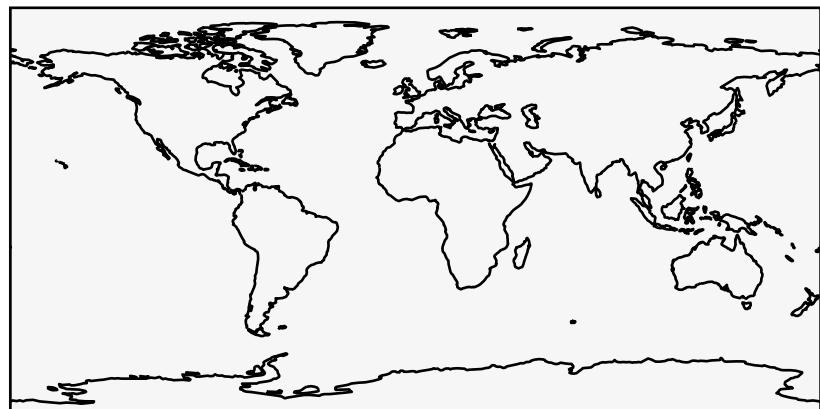
Zero throughout domain
kg/m²/s

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



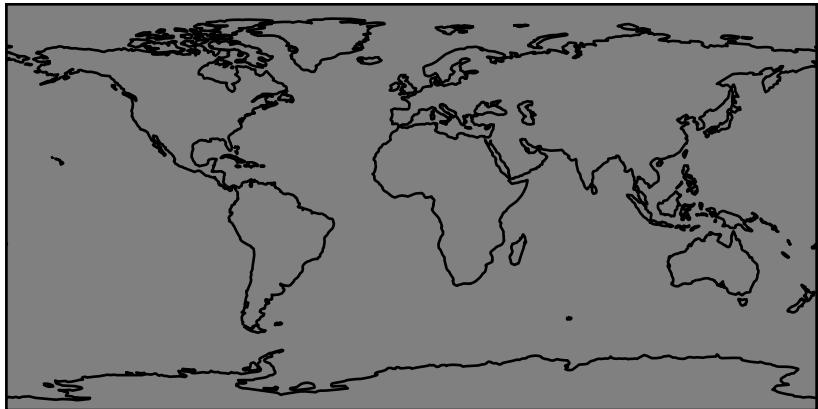
Zero throughout domain
kg/m²/s

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



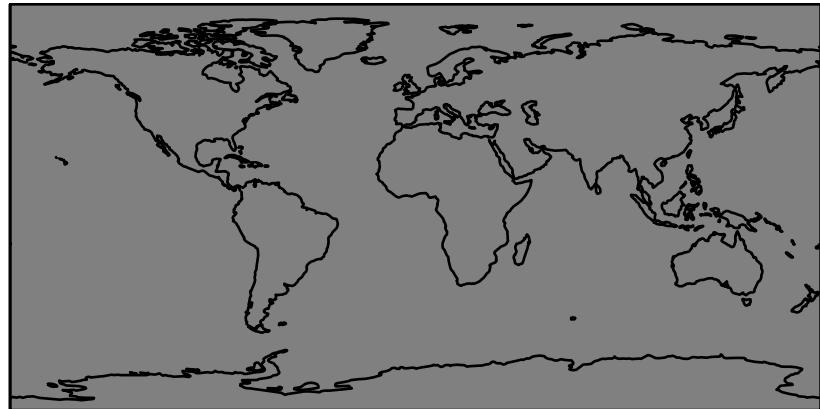
Zero throughout domain
kg/m²/s

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



Undefined throughout domain
unitless

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



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unitless