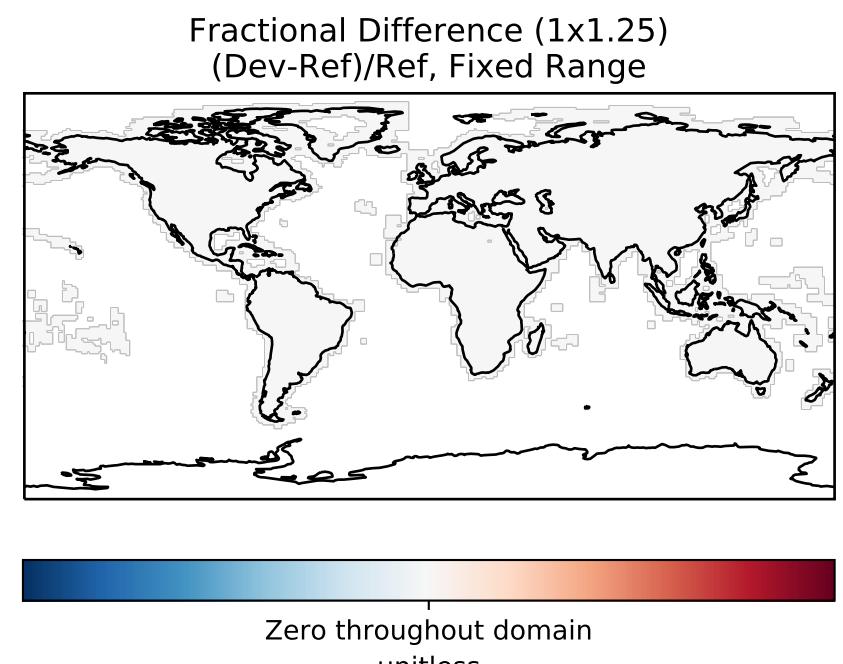
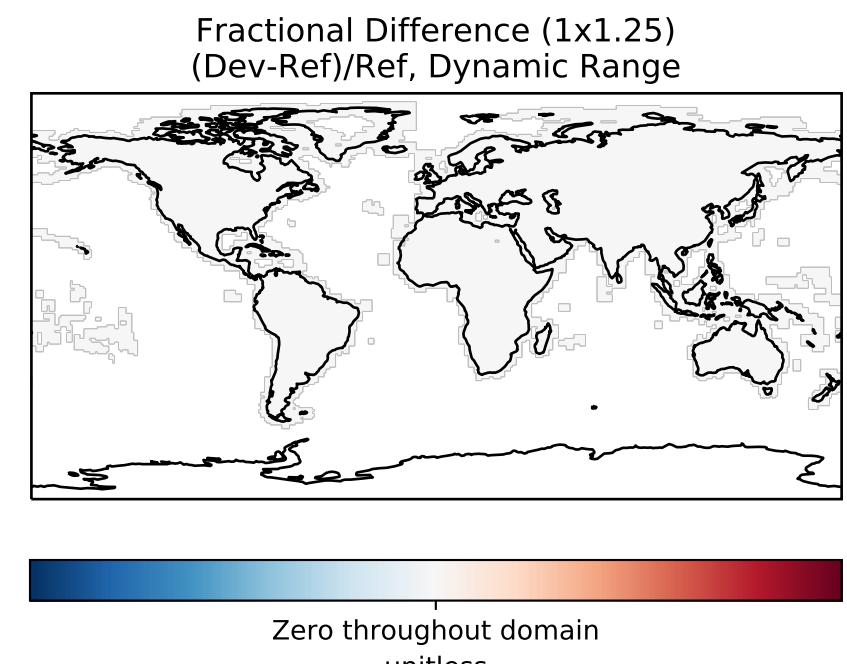
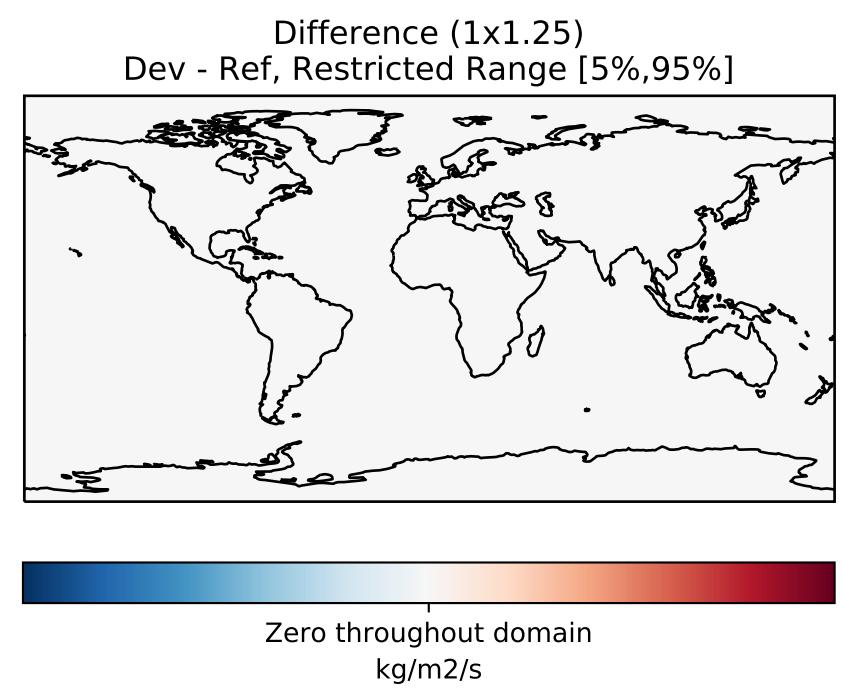
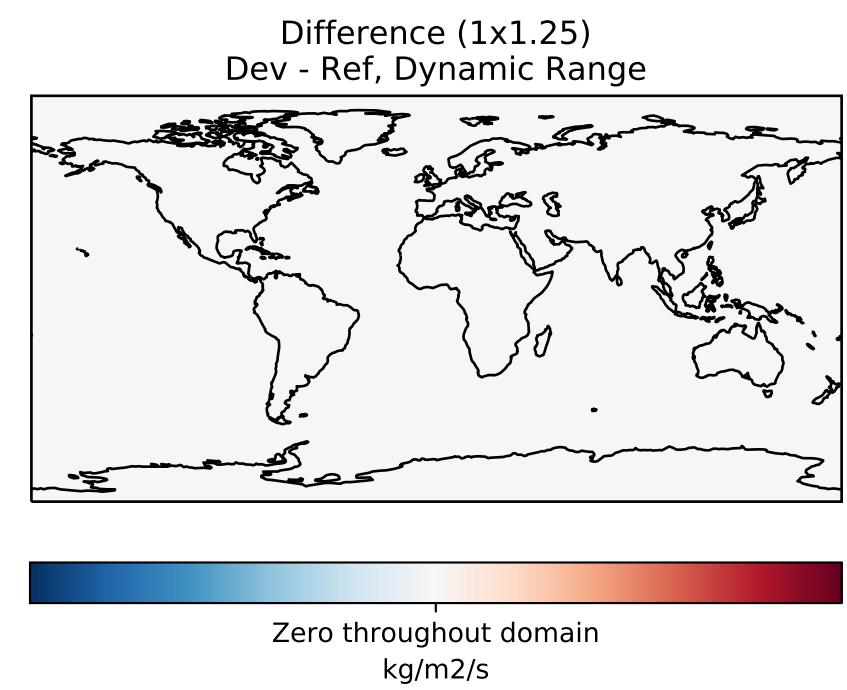
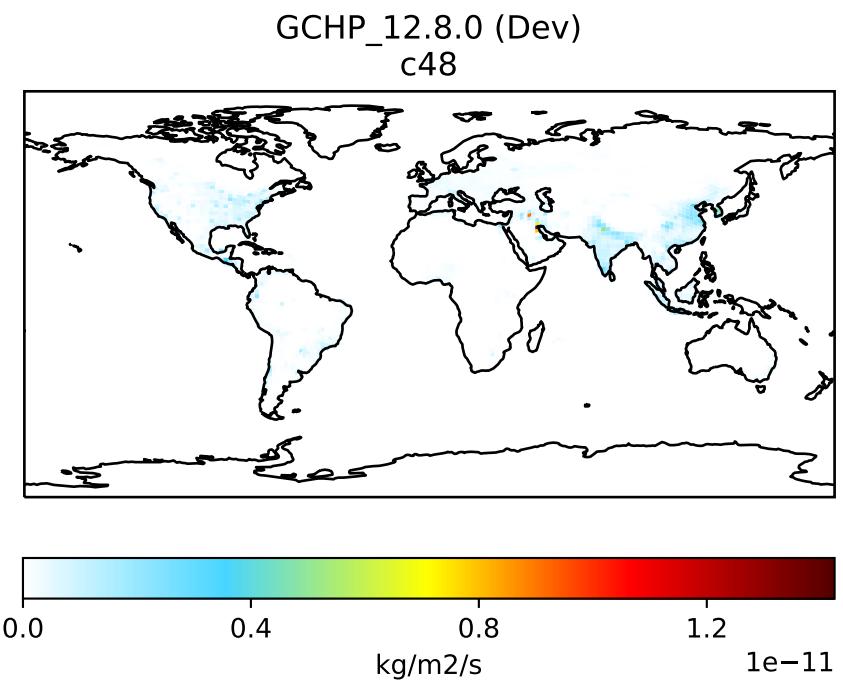
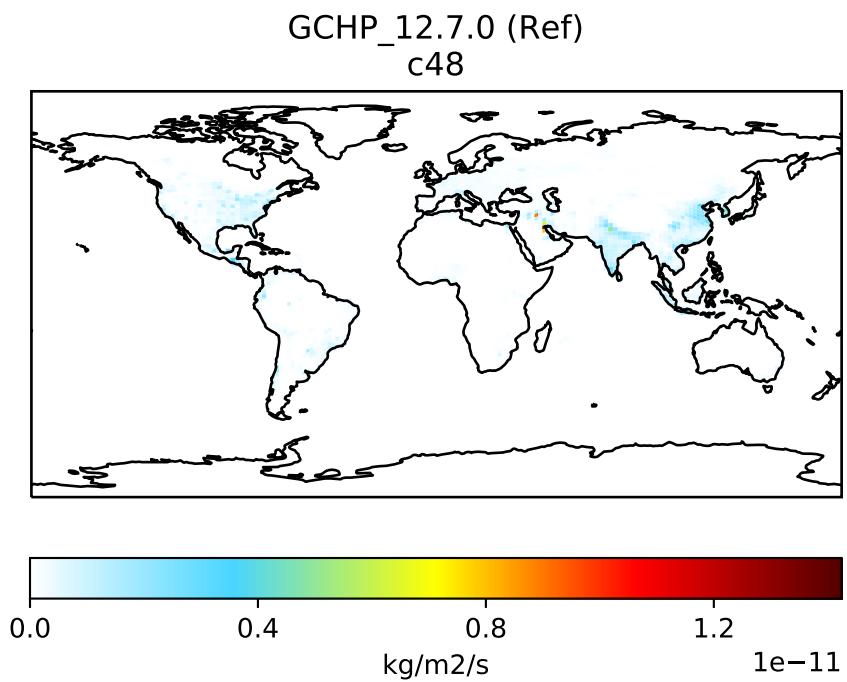
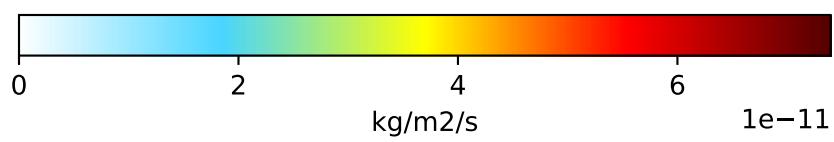
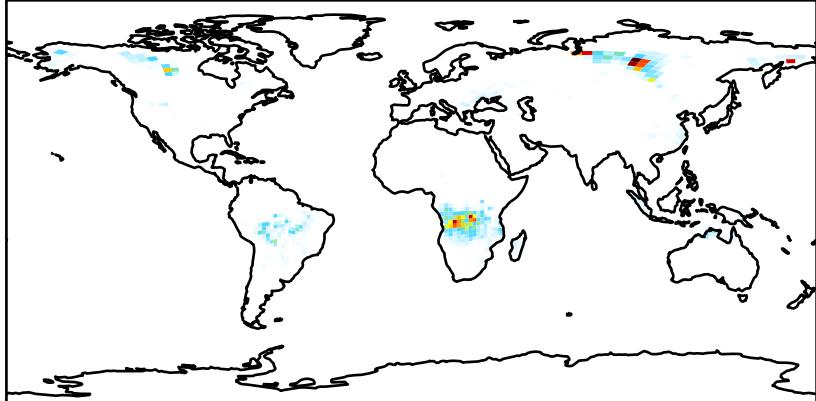


EmisALD2_Anthro

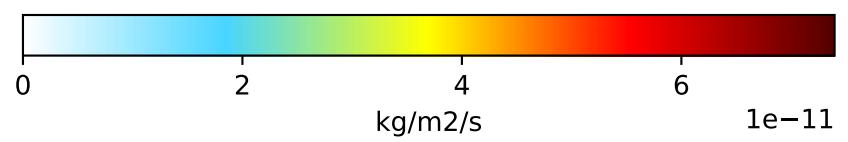
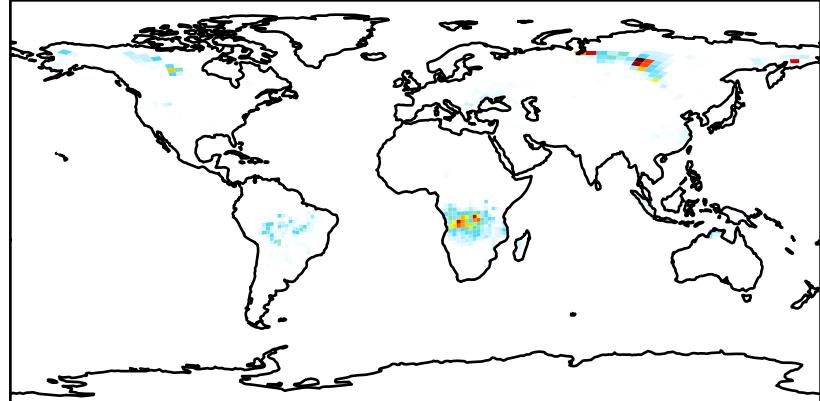


EmisALD2_BioBurn

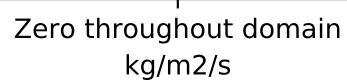
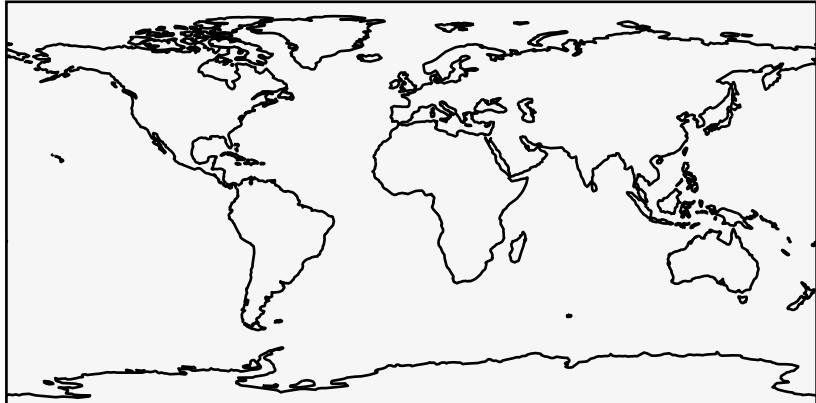
GCHP_12.7.0 (Ref)
c48



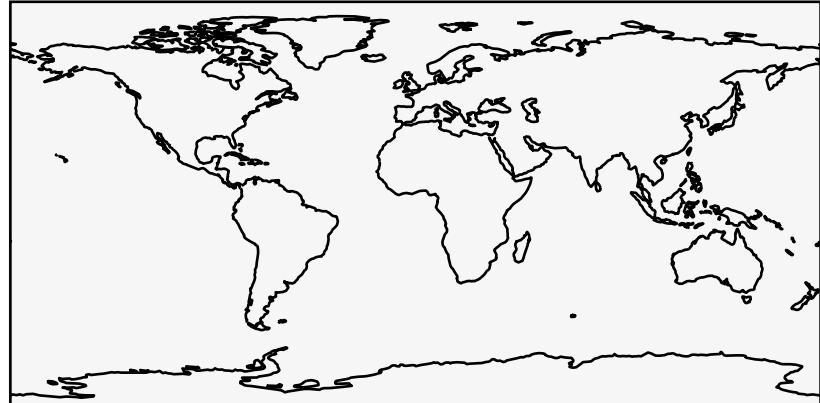
GCHP_12.8.0 (Dev)
c48



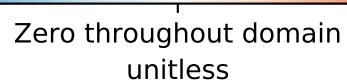
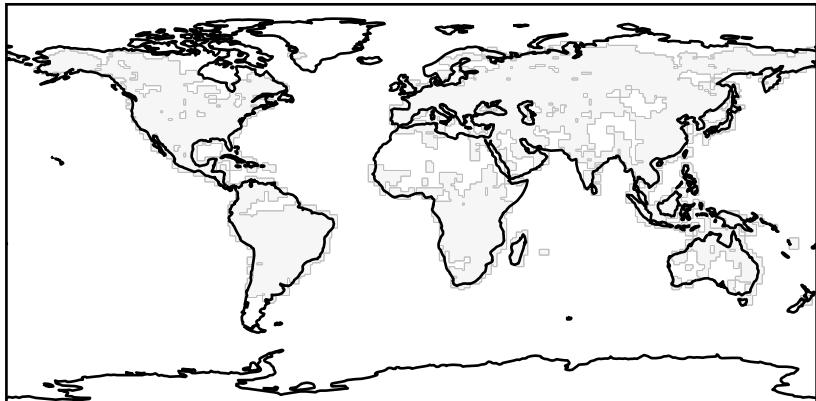
Difference (1x1.25)
Dev - Ref, Dynamic Range



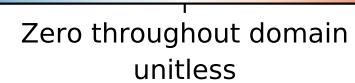
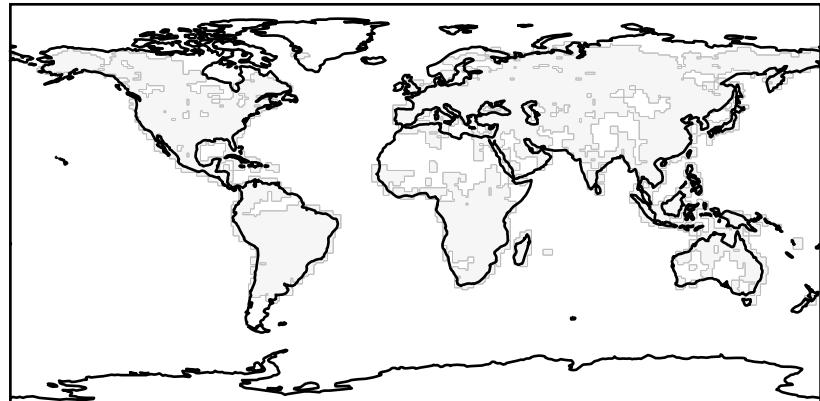
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

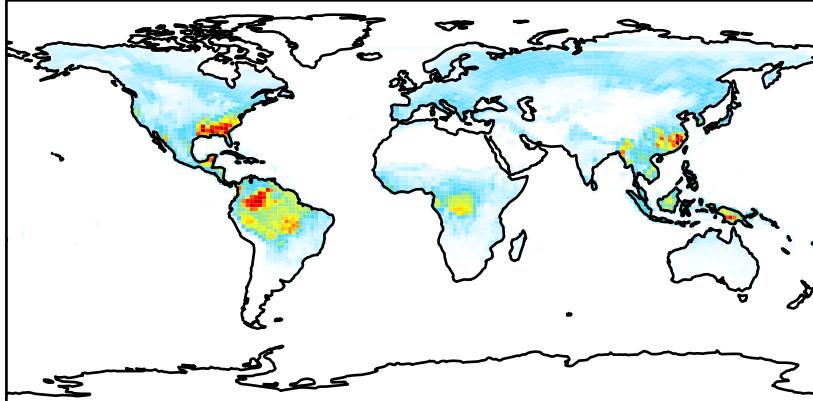


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

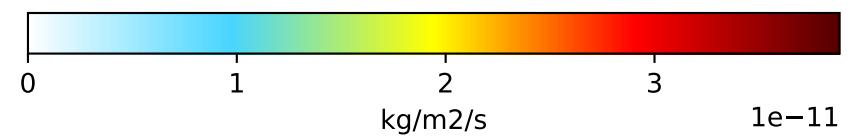
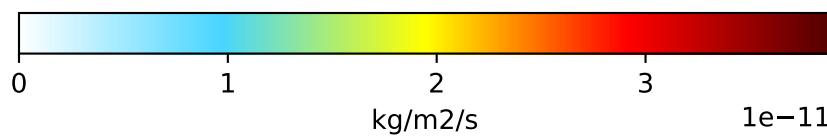
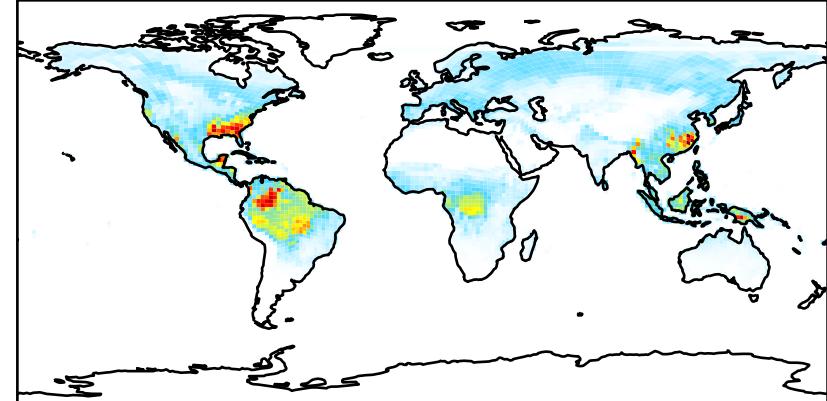


EmisALD2_Biogenic

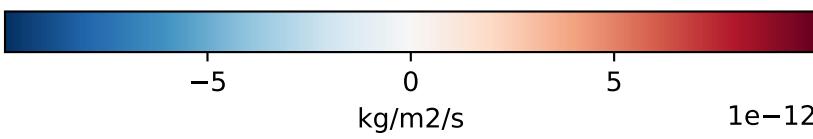
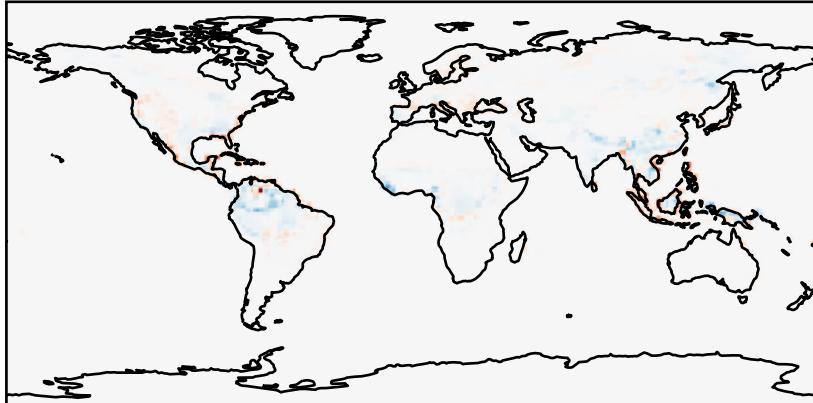
GCHP_12.7.0 (Ref)
c48



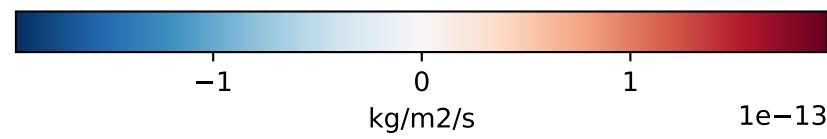
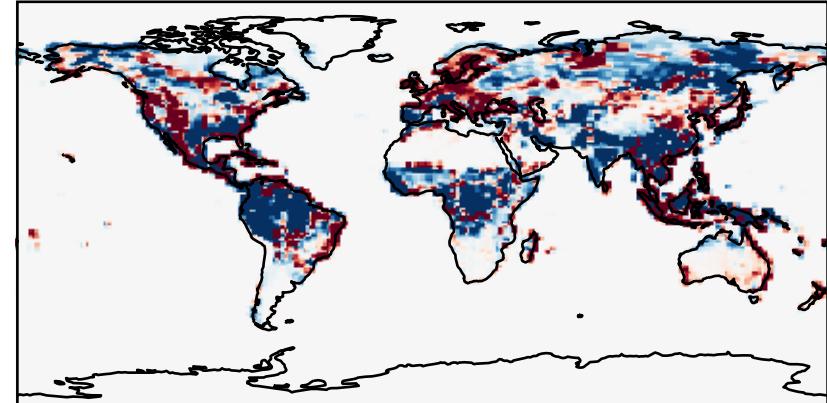
GCHP_12.8.0 (Dev)
c48



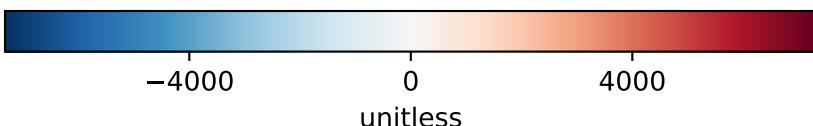
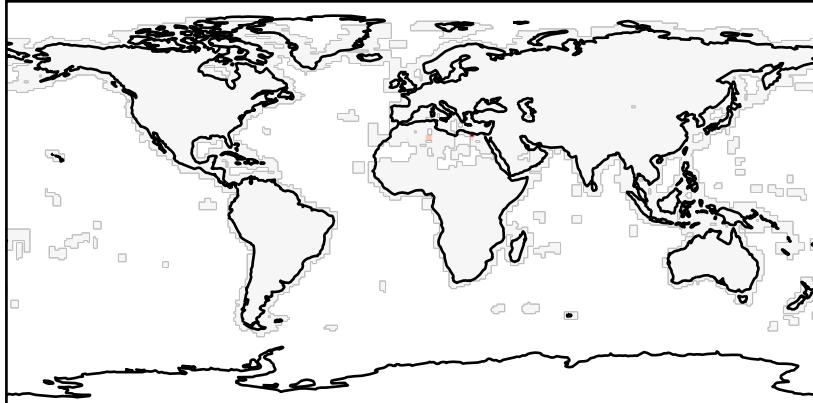
Difference (1x1.25)
Dev - Ref, Dynamic Range



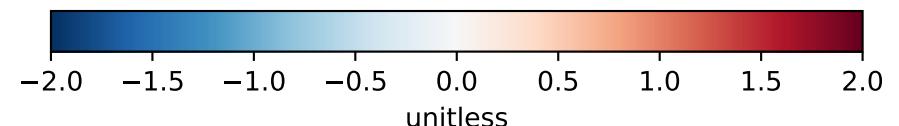
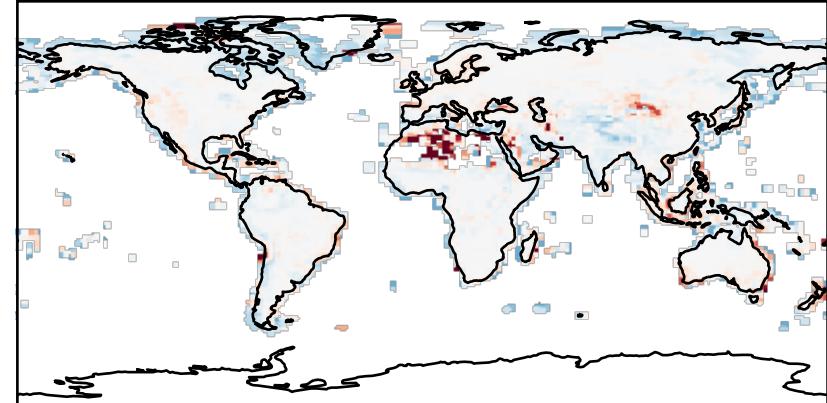
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



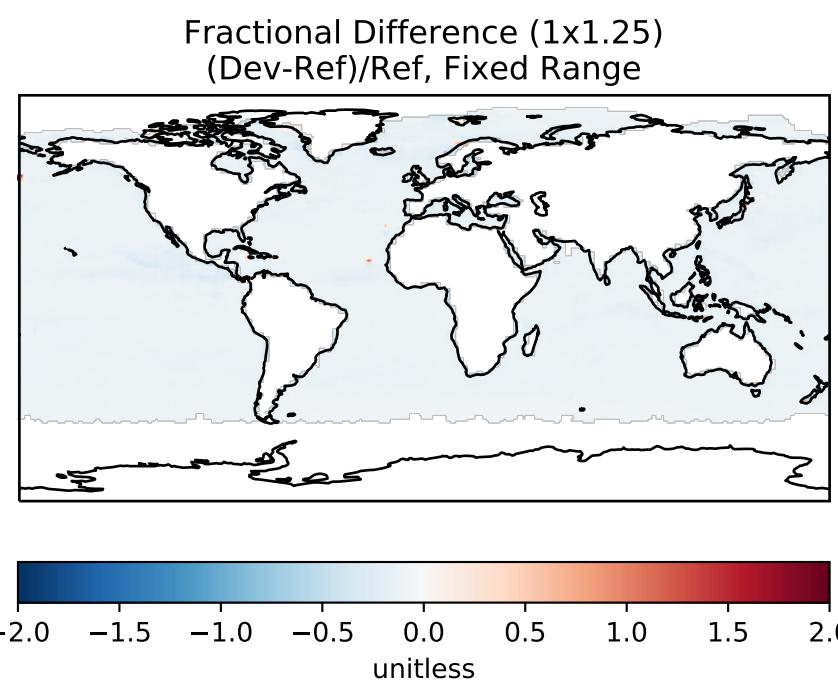
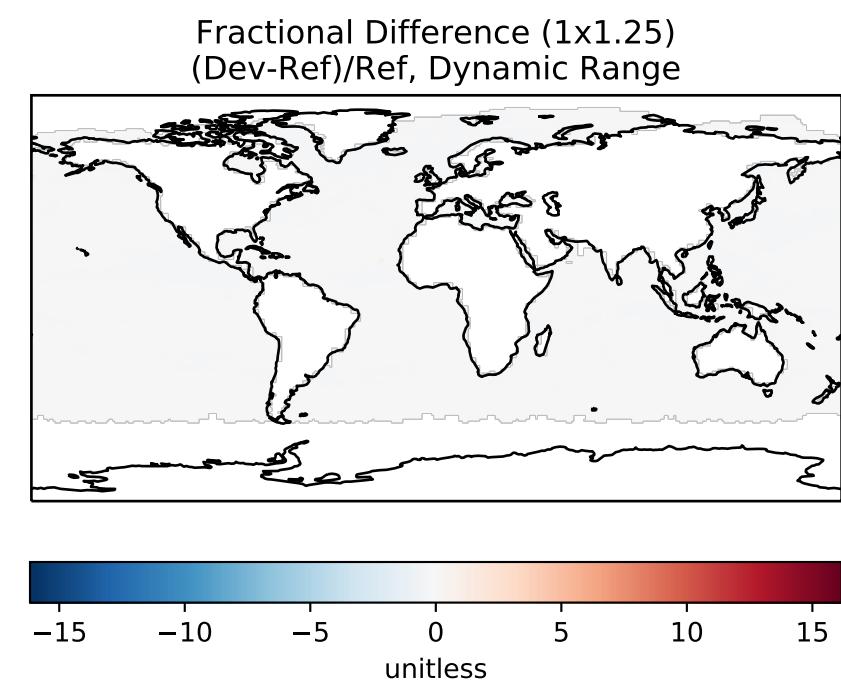
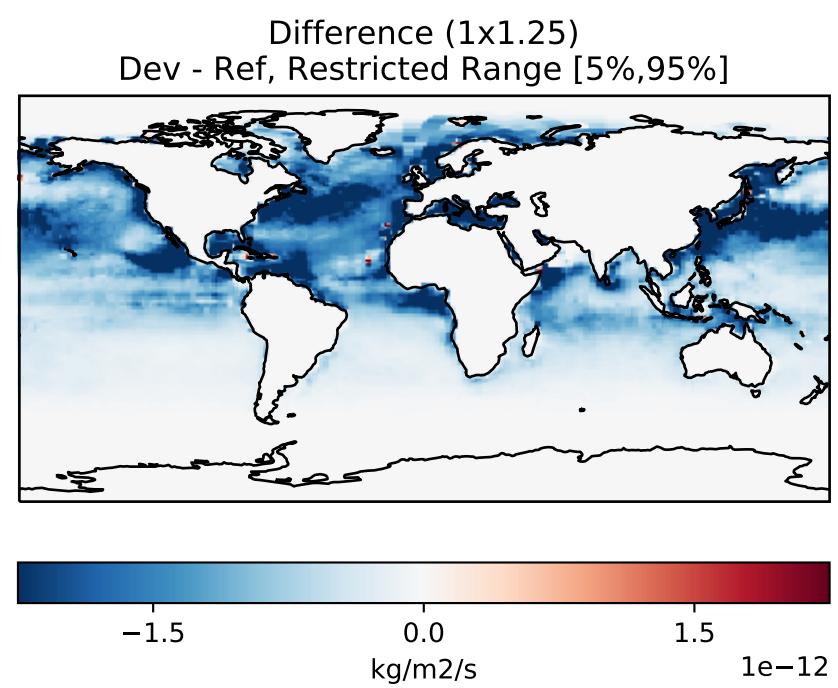
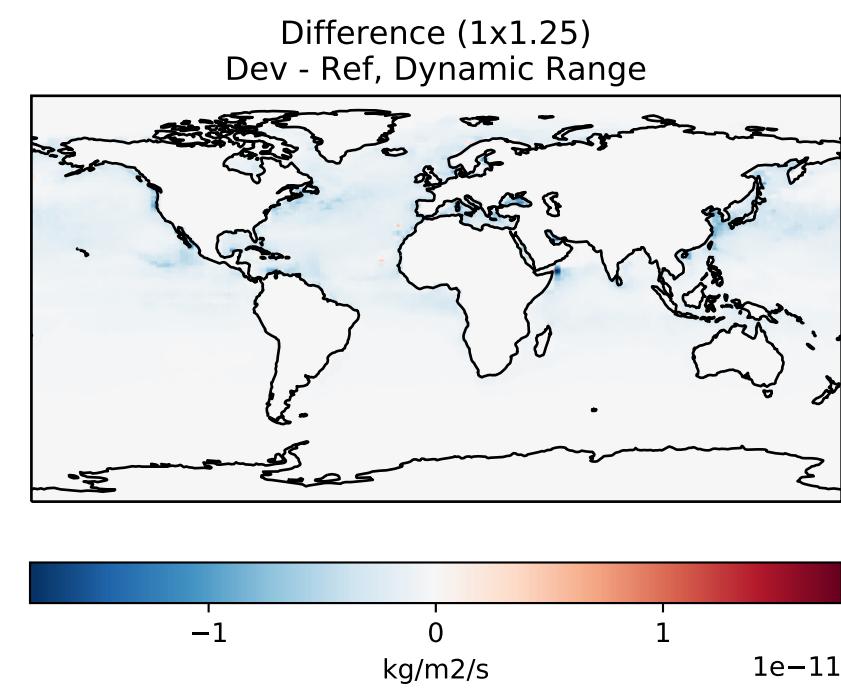
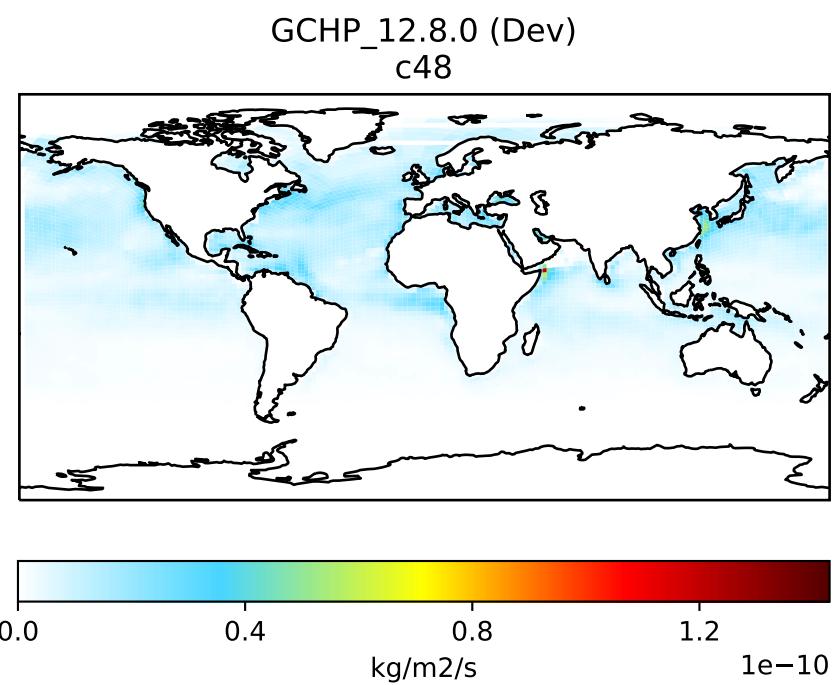
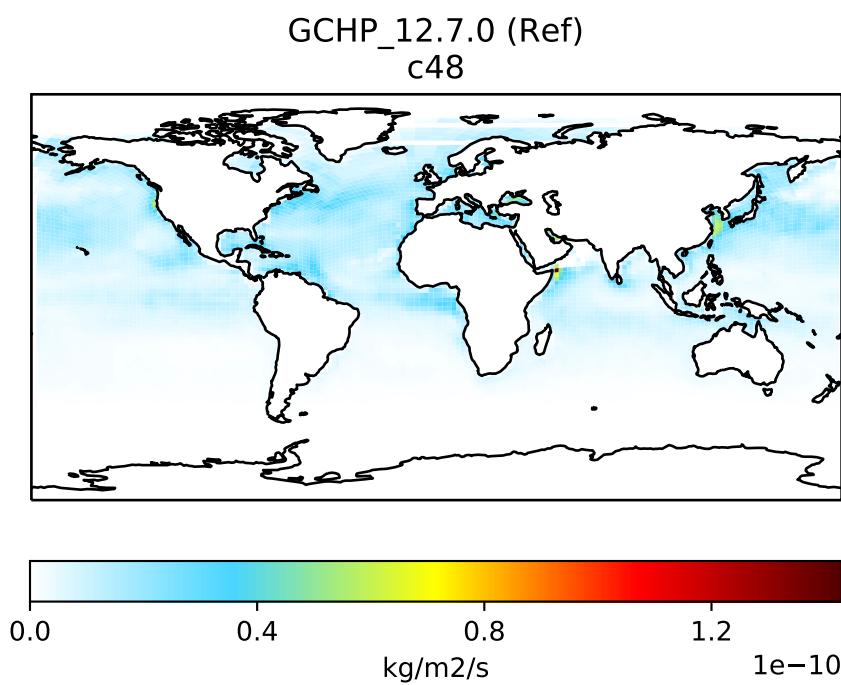
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



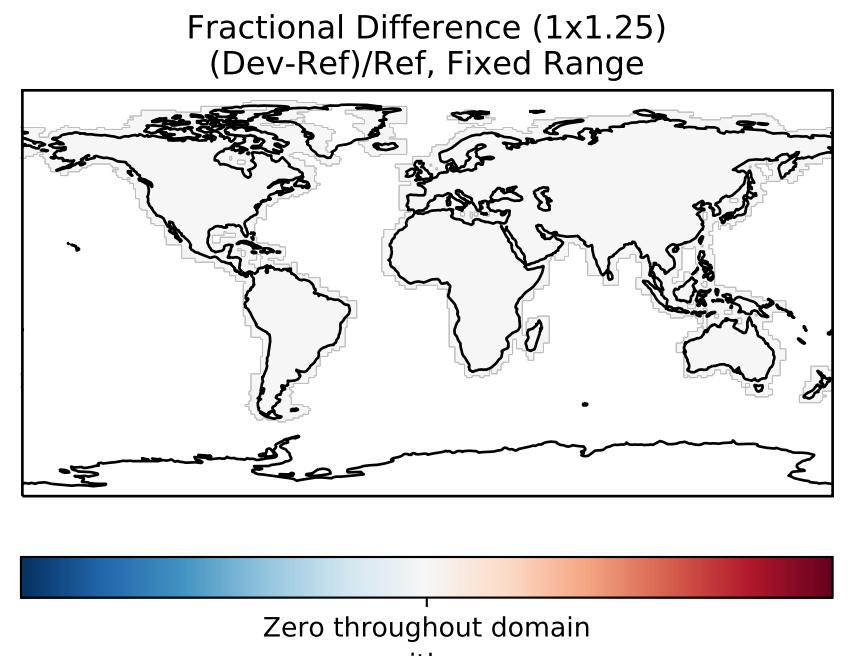
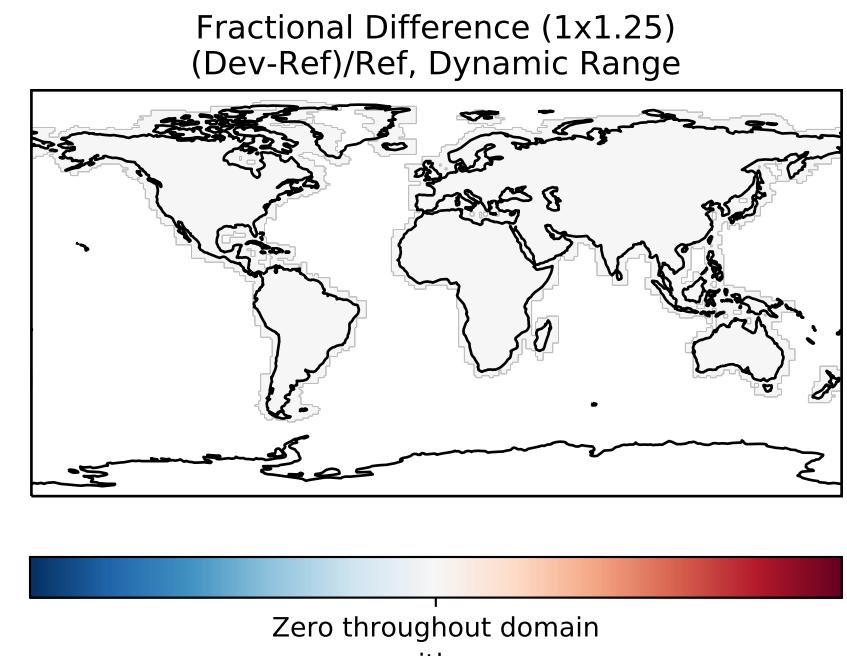
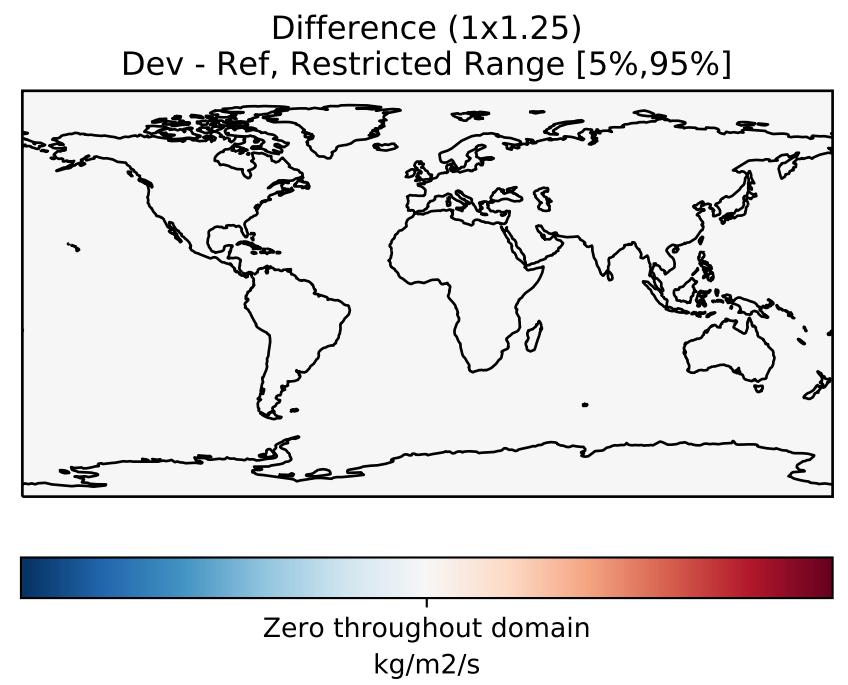
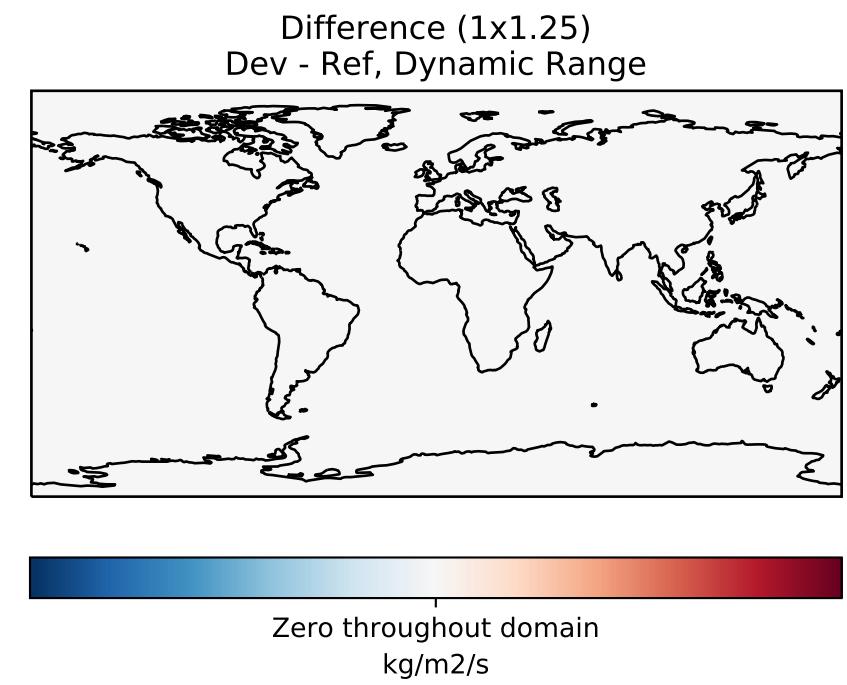
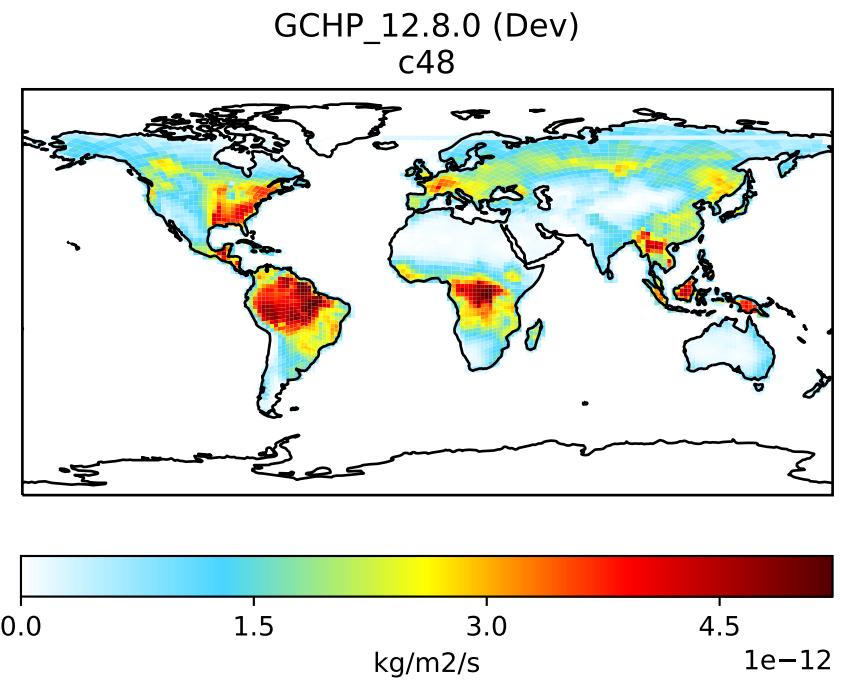
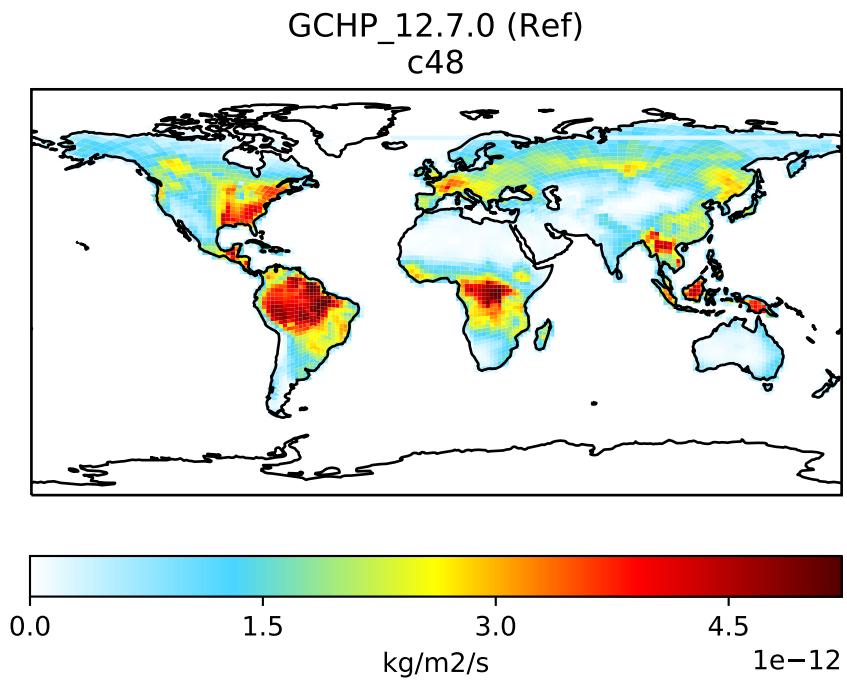
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



EmisALD2_Ocean

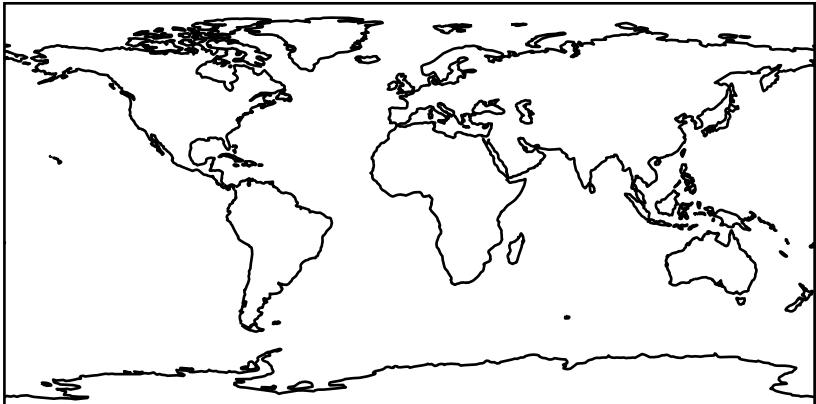


EmisALD2_PlantDecay



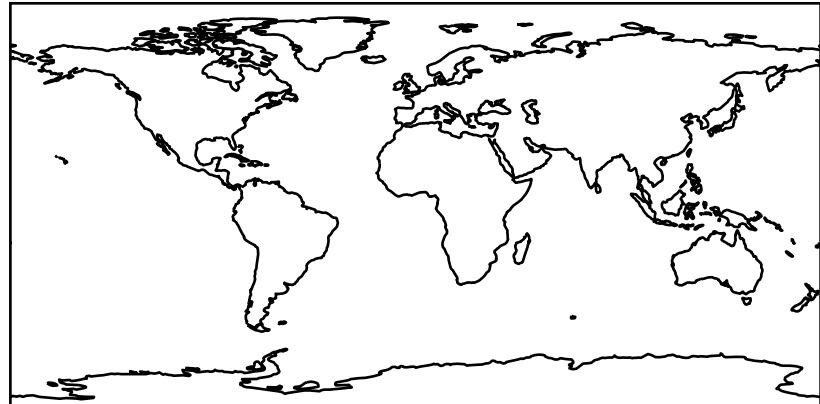
EmisALD2_Ship

GCHP_12.7.0 (Ref)
c48



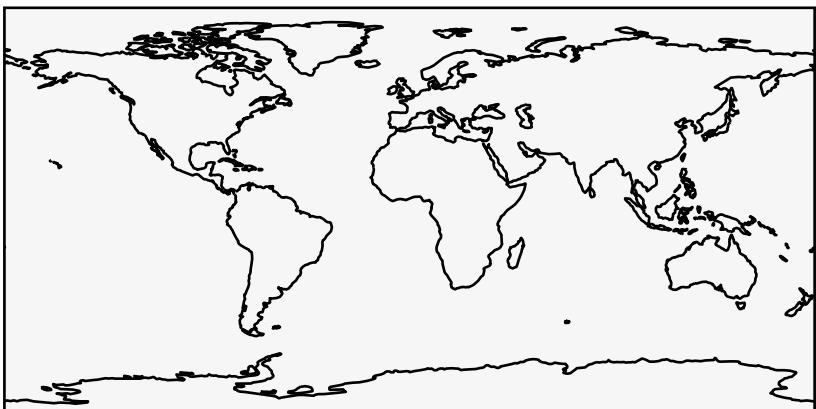
Zero throughout domain
kg/m²/s

GCHP_12.8.0 (Dev)
c48



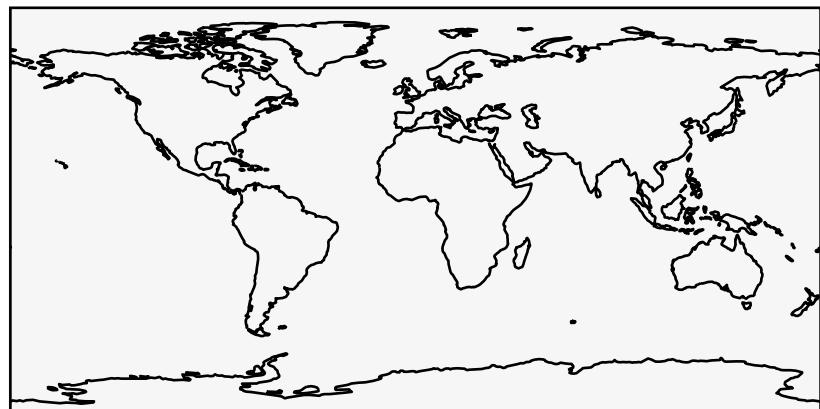
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kg/m²/s

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



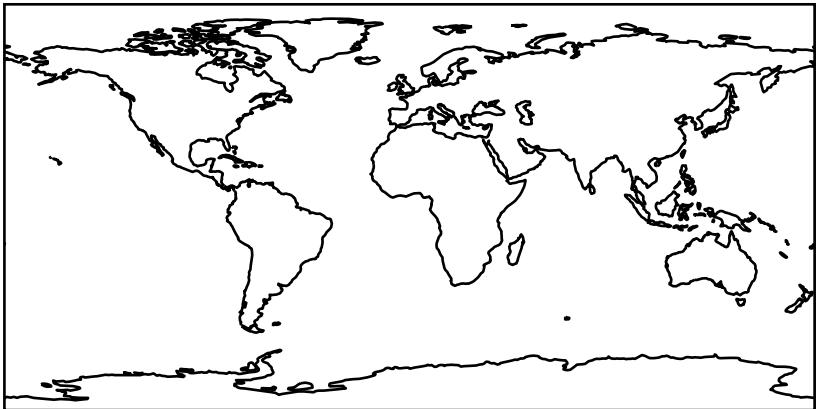
Zero throughout domain
kg/m²/s

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



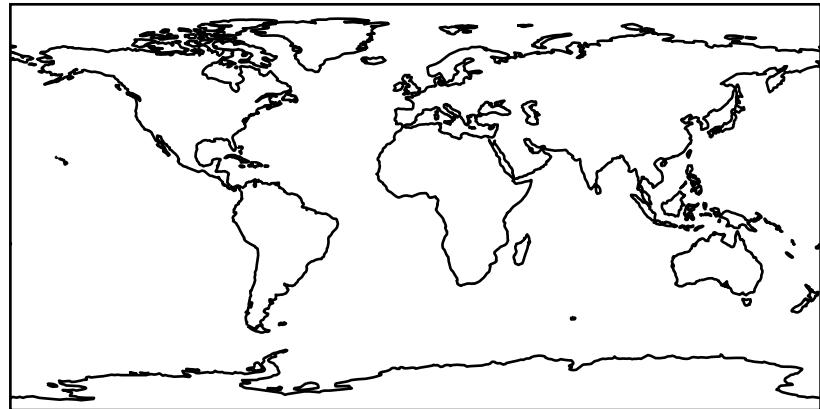
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kg/m²/s

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



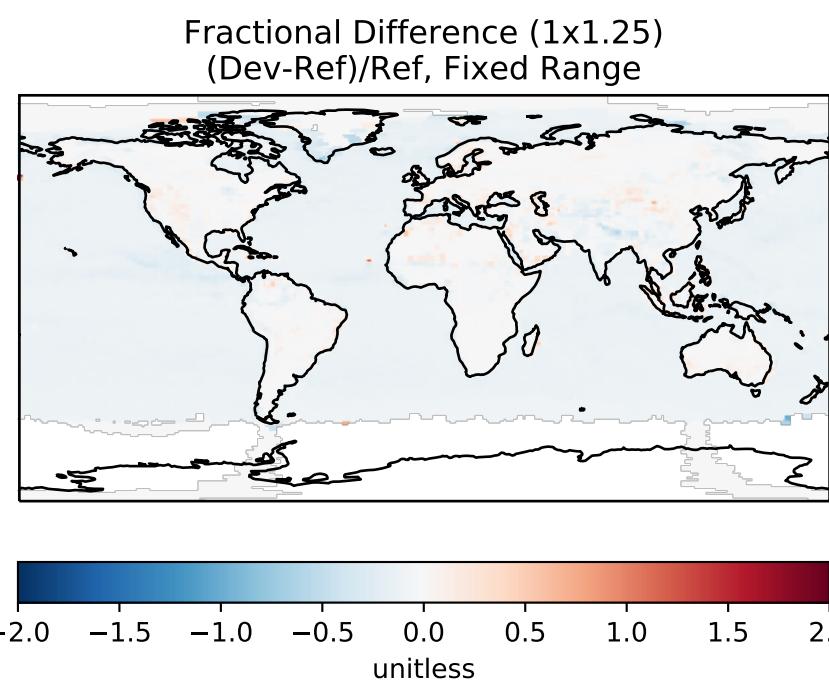
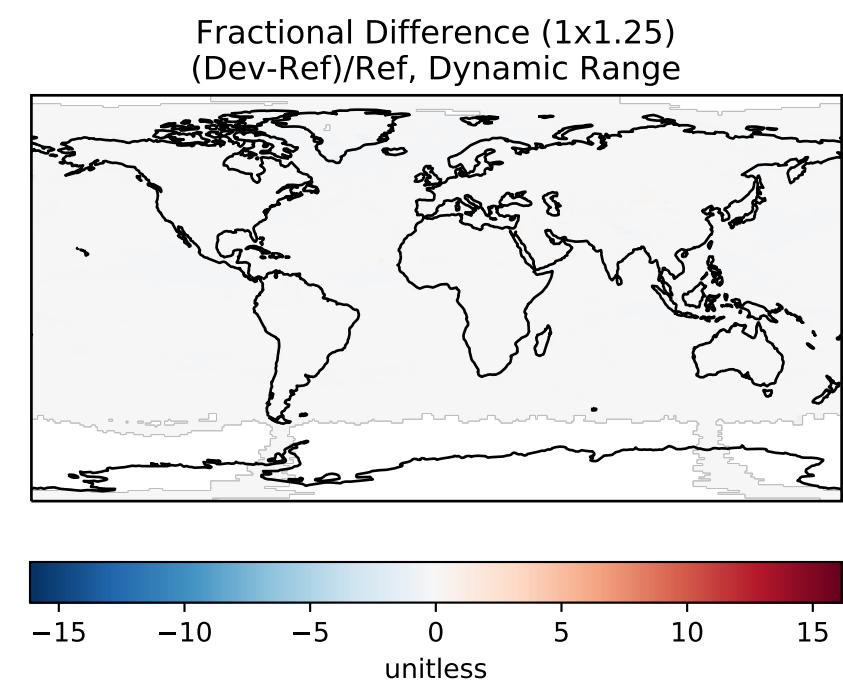
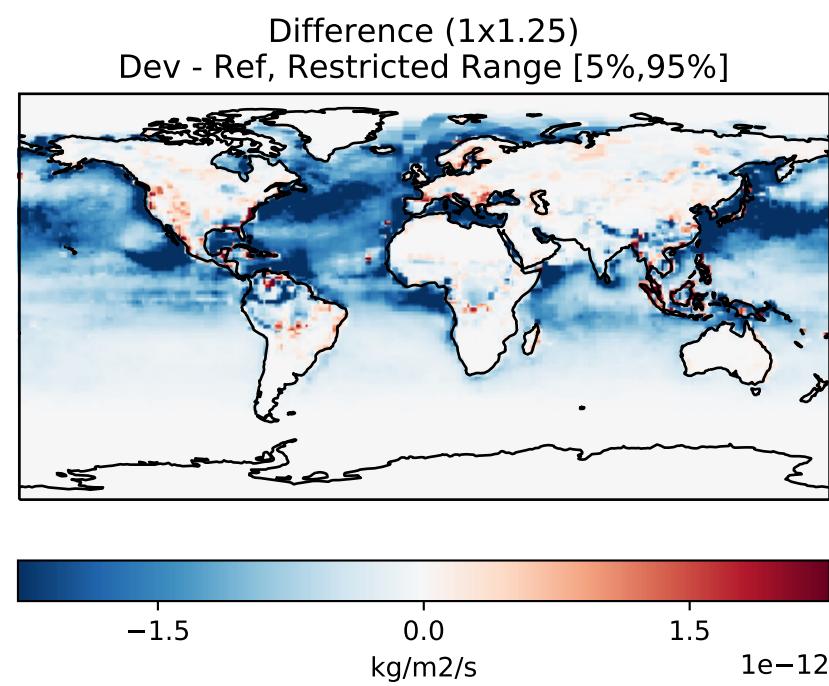
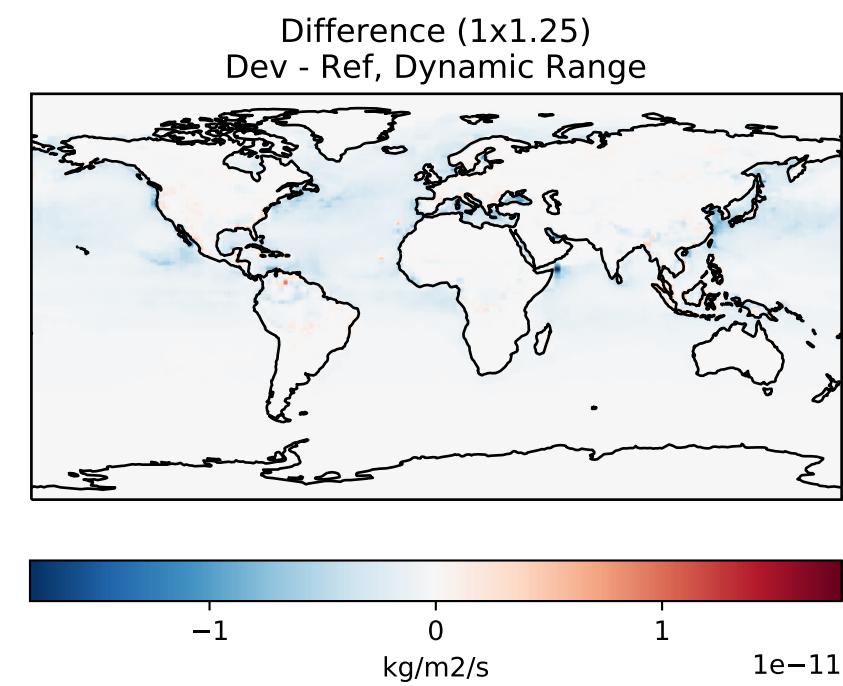
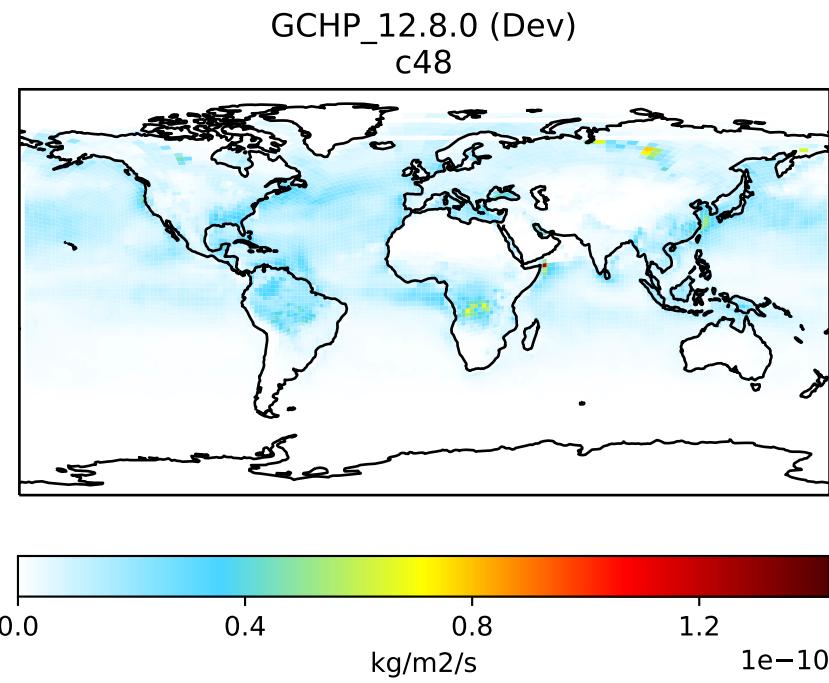
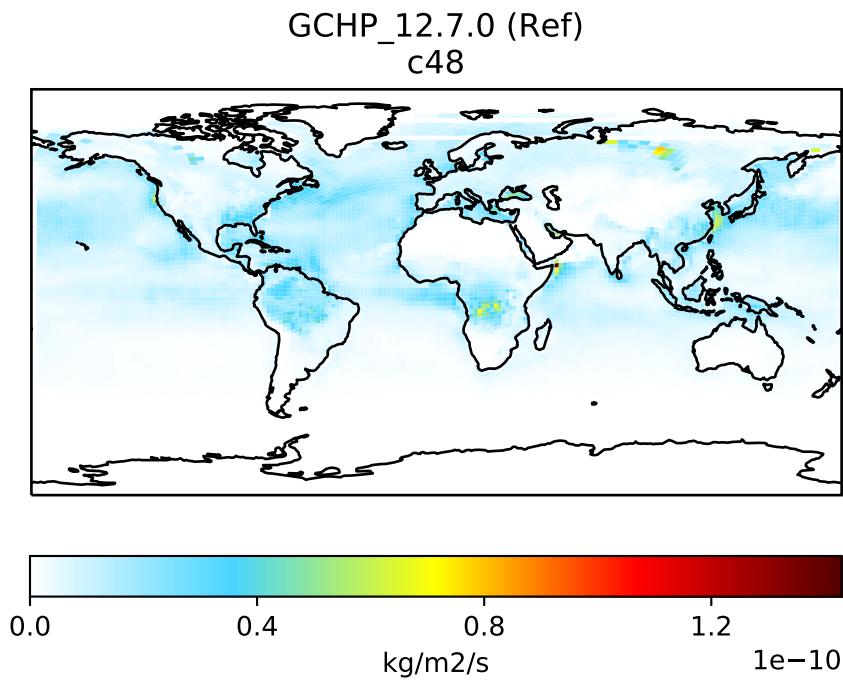
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Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

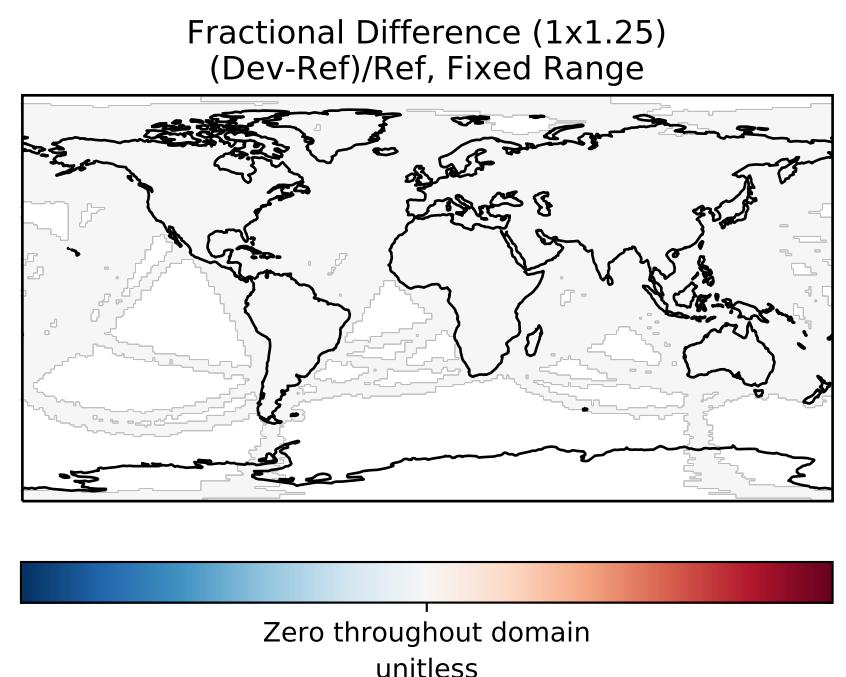
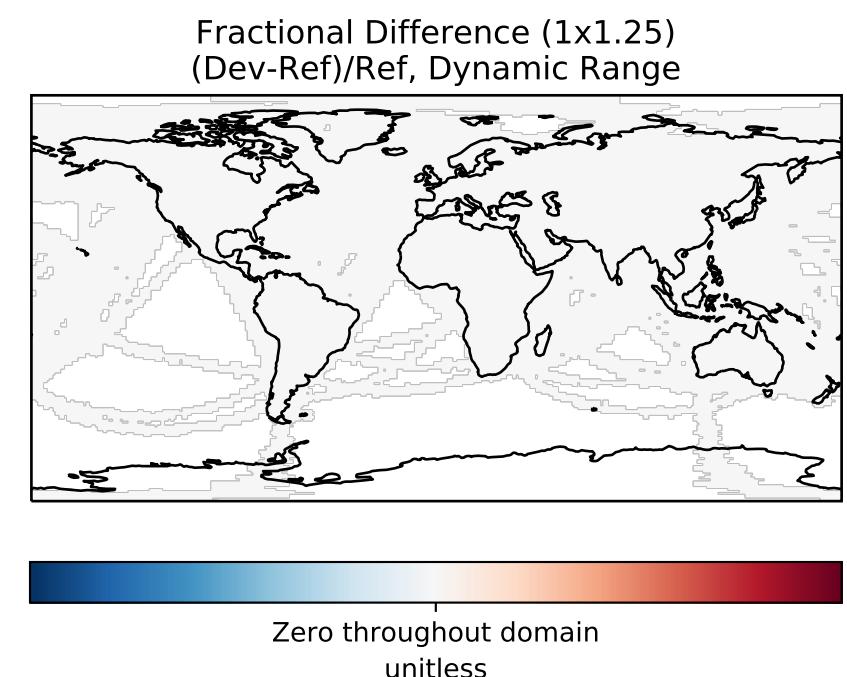
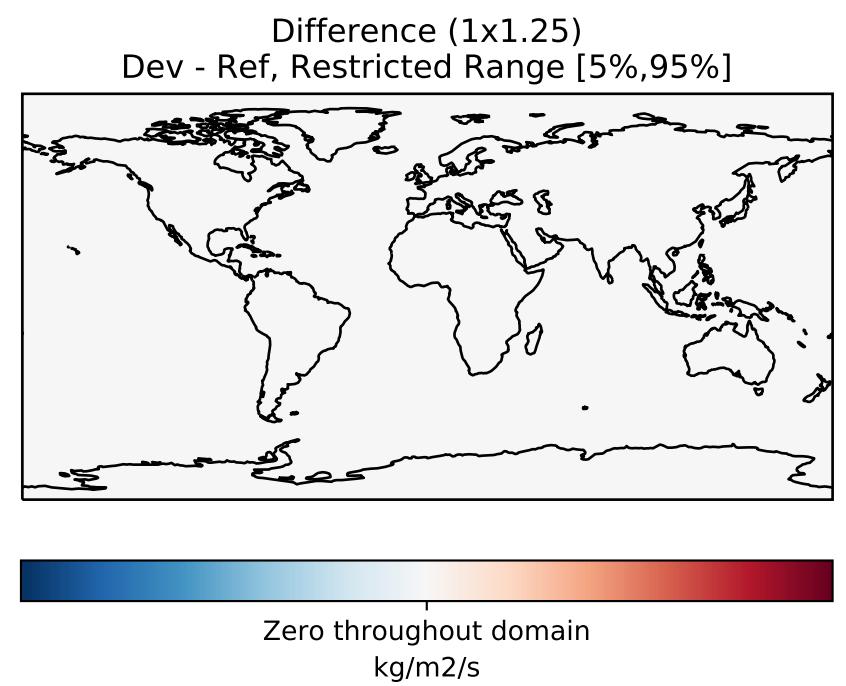
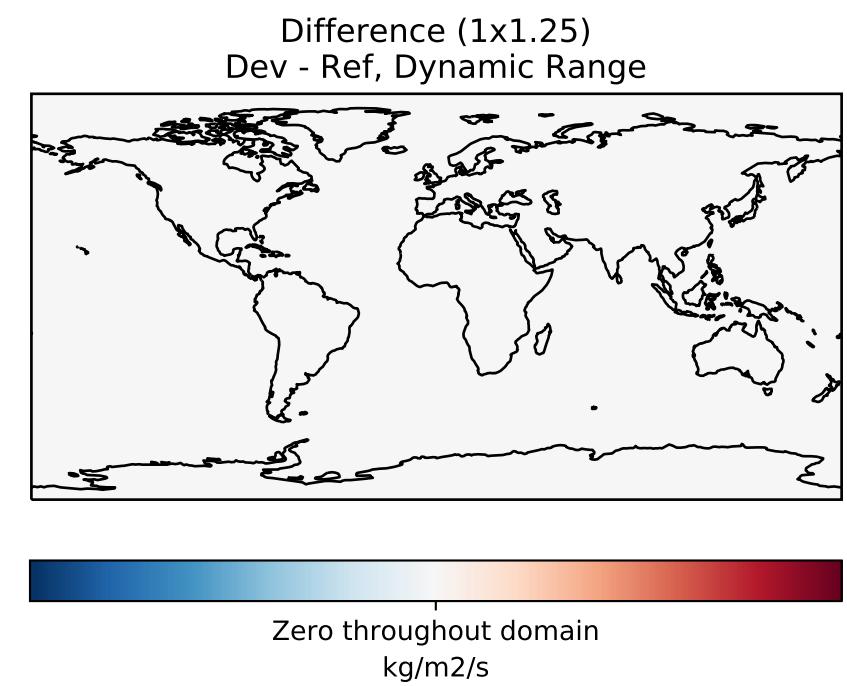
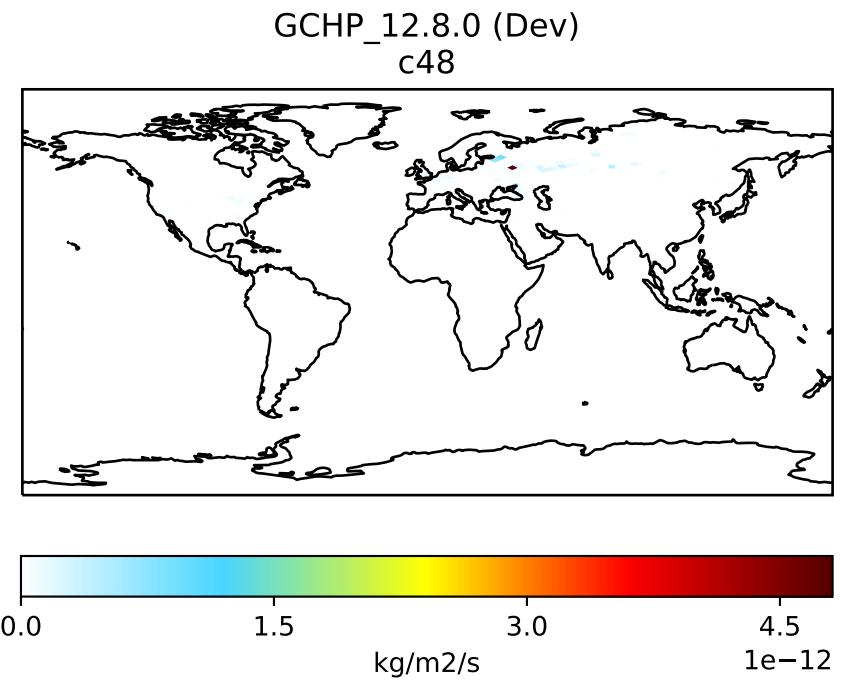
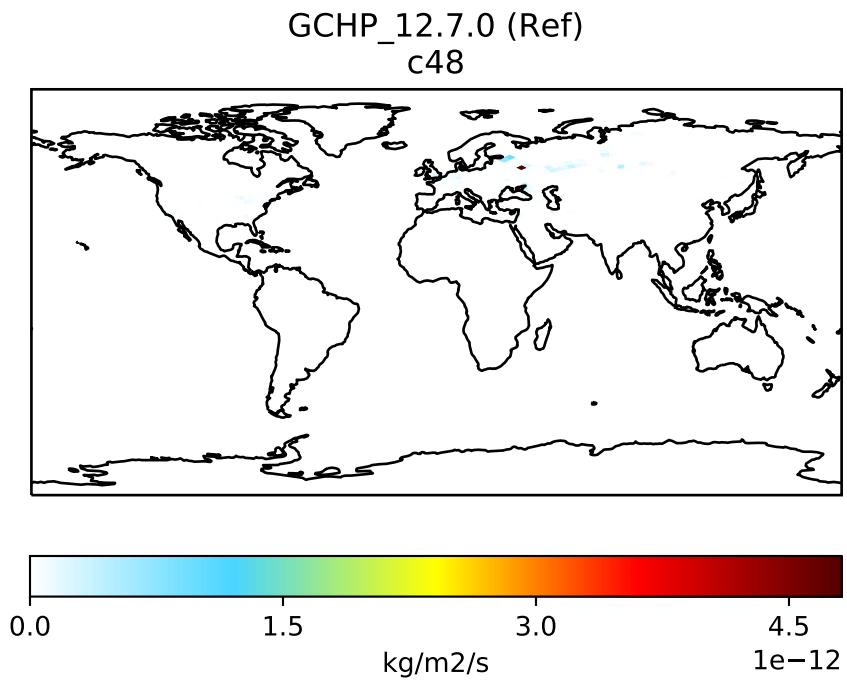


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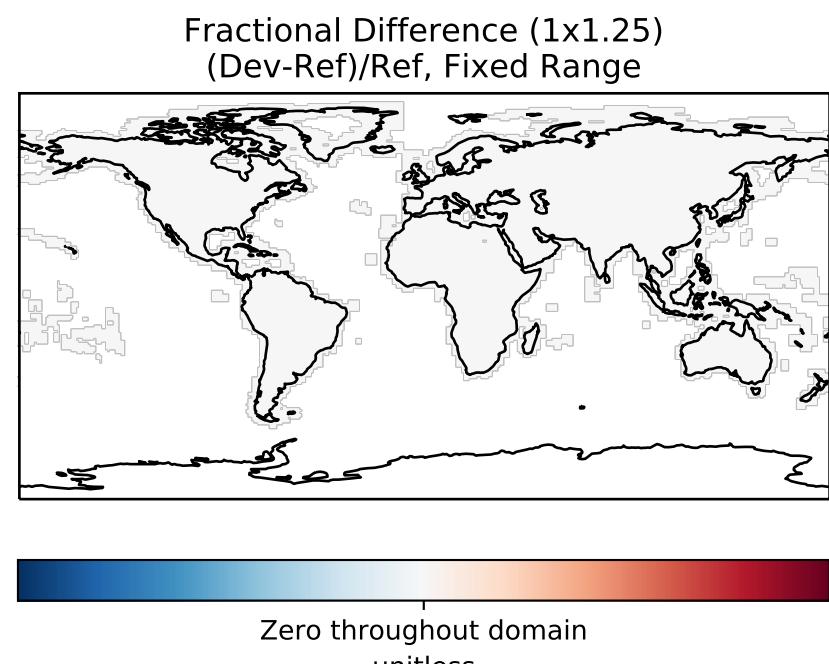
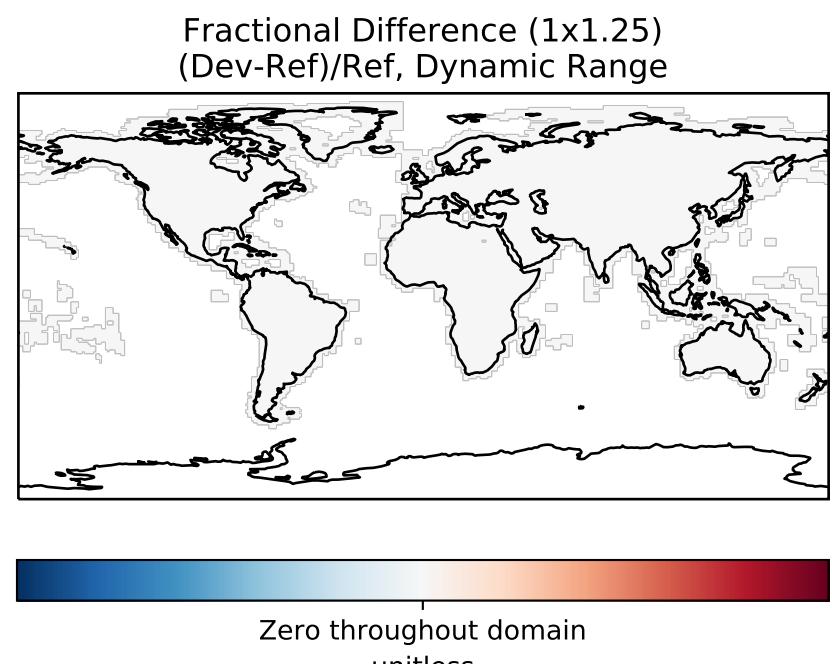
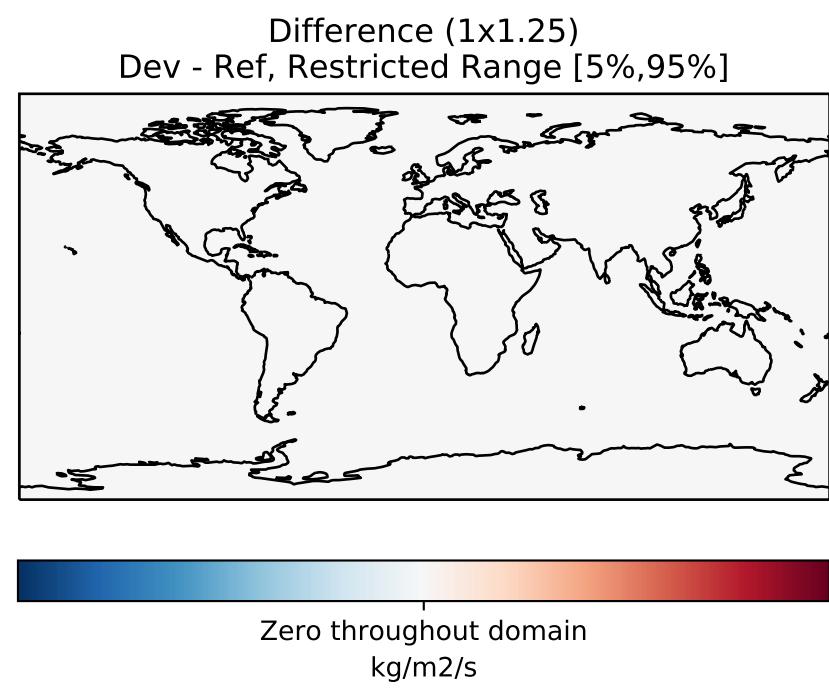
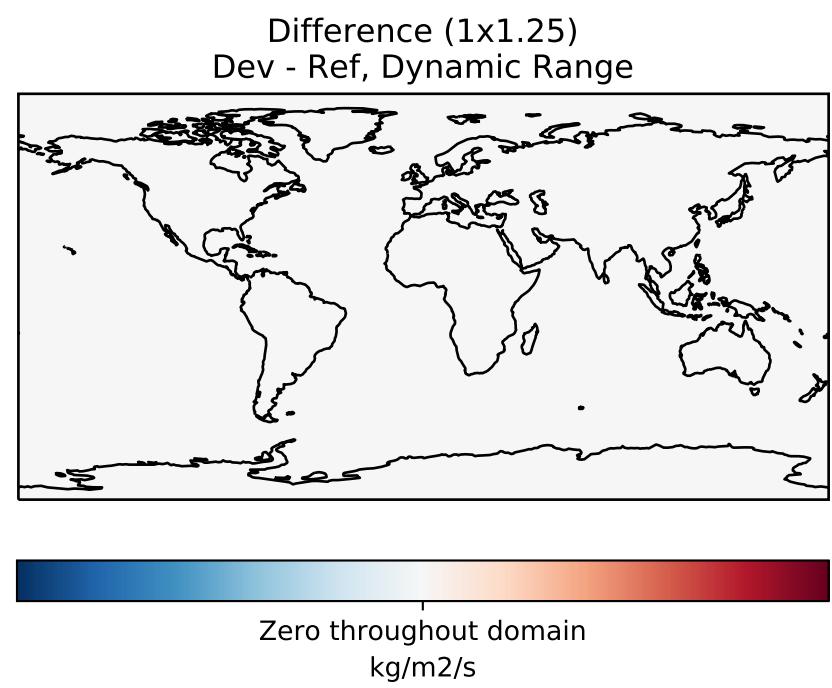
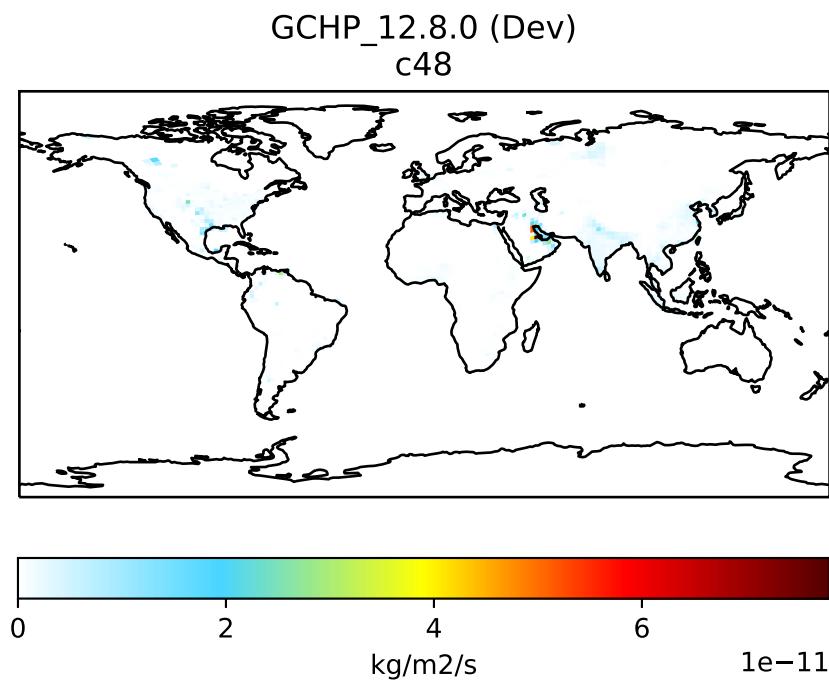
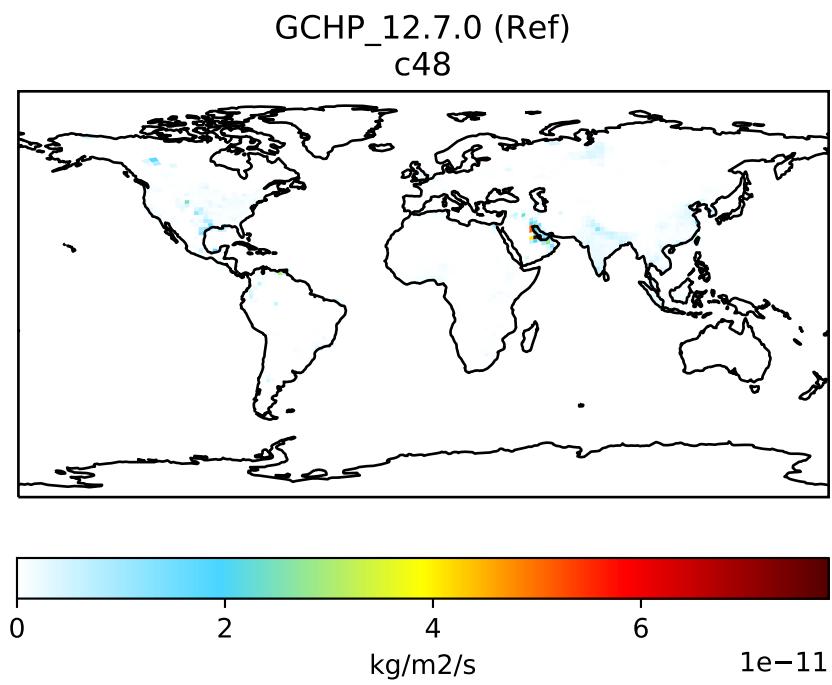
EmisALD2_Total



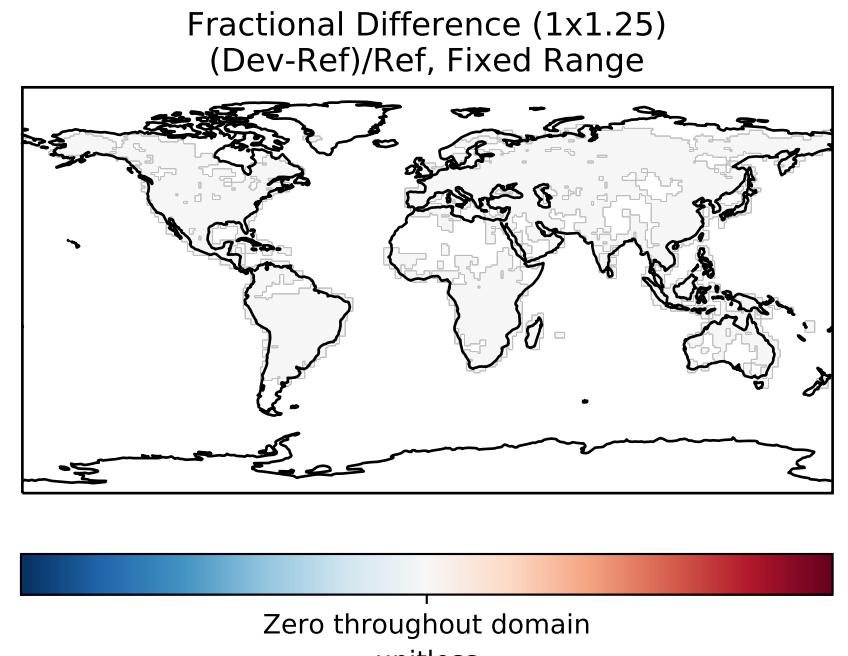
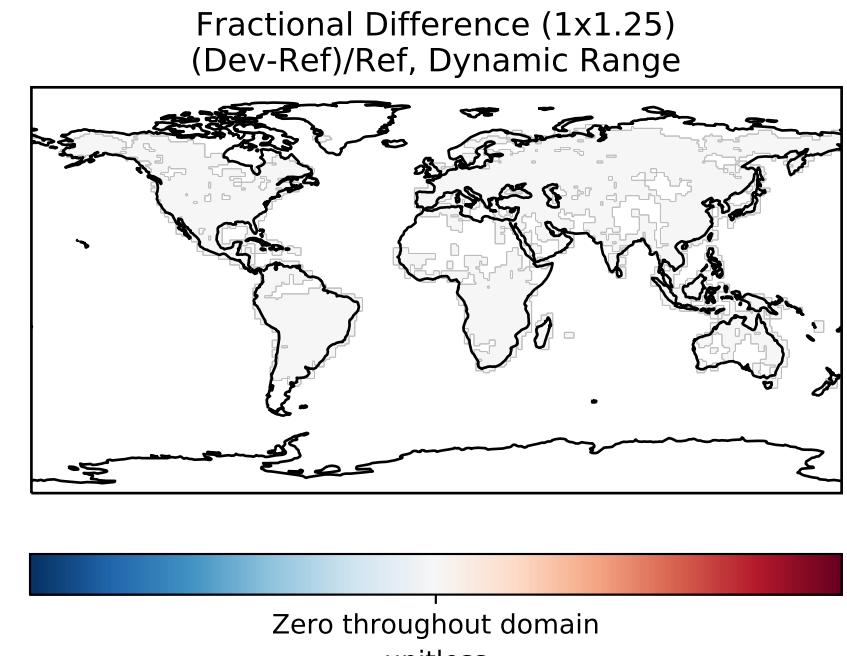
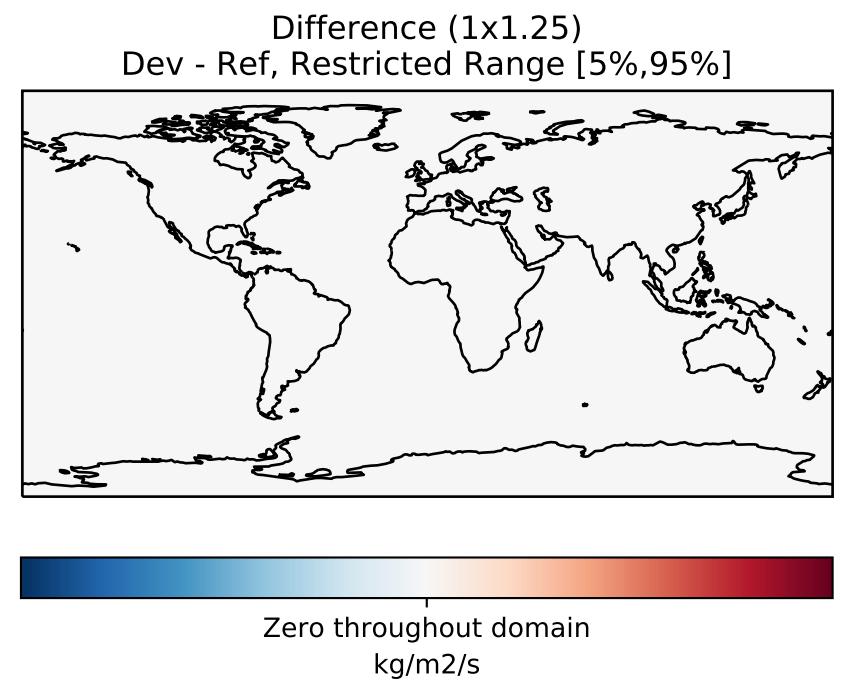
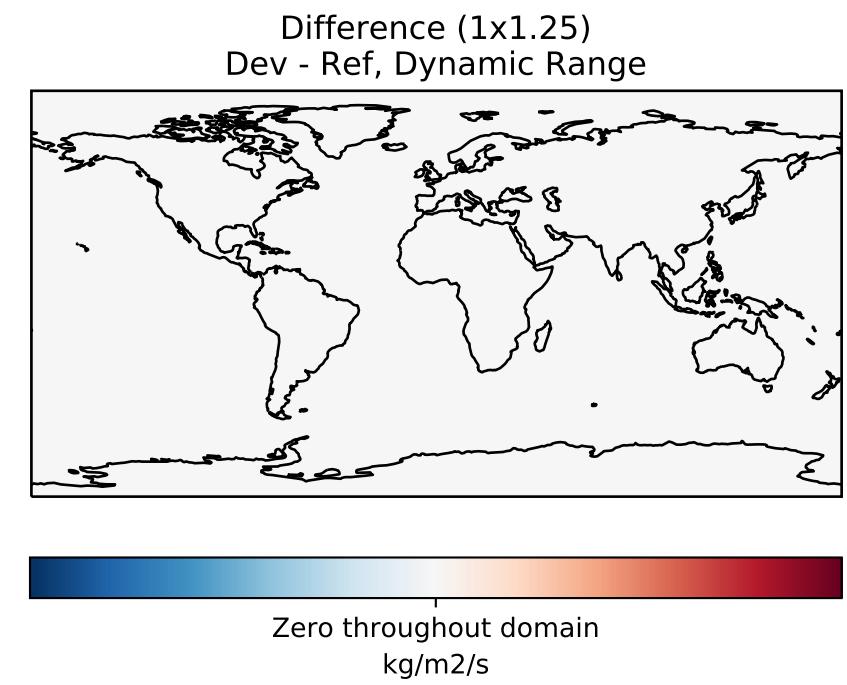
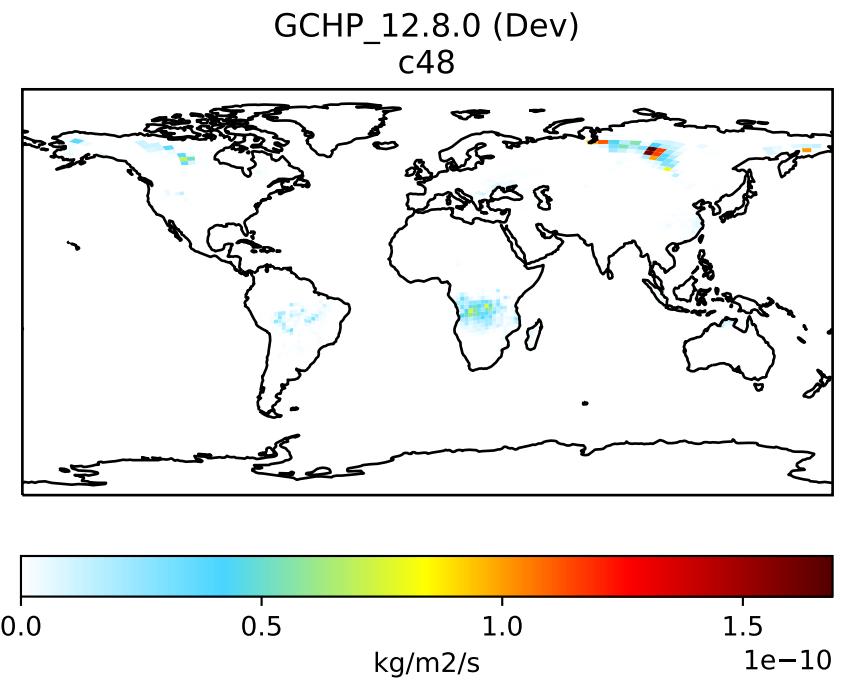
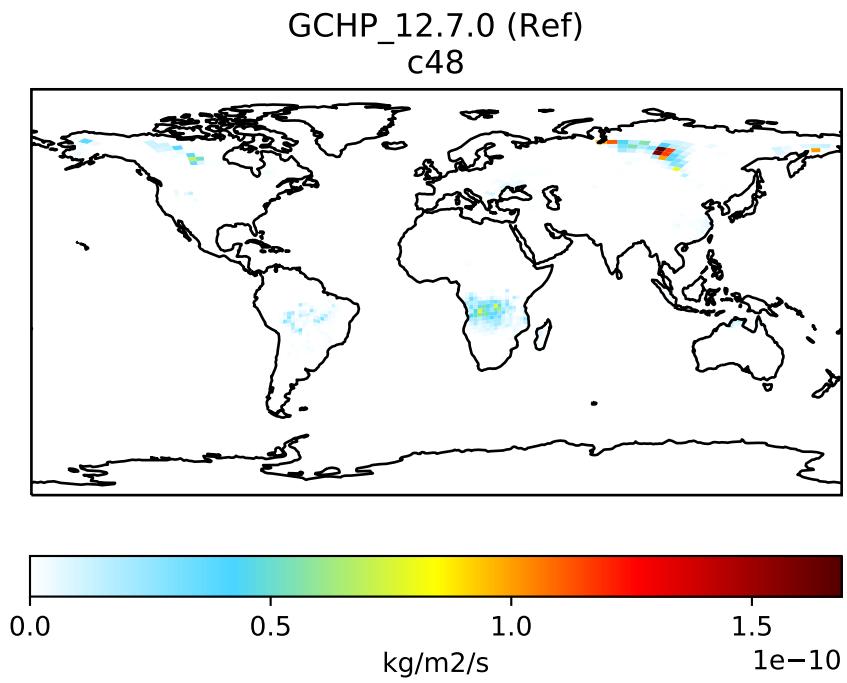
EmisCH2O_Aircraft



EmisCH2O_Anthro

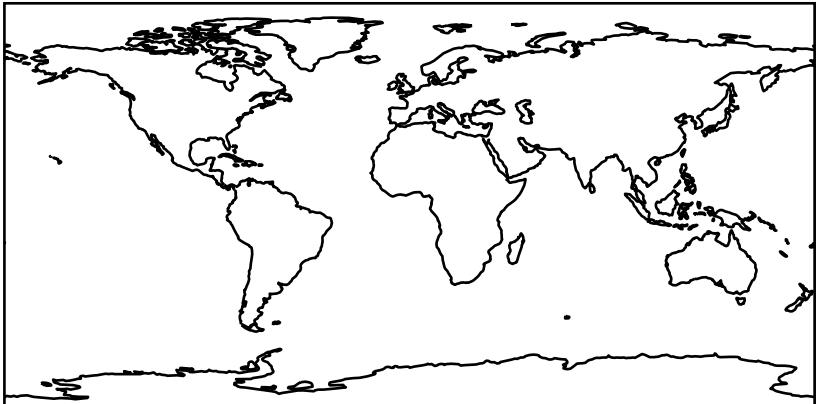


EmisCH2O_BioBurn



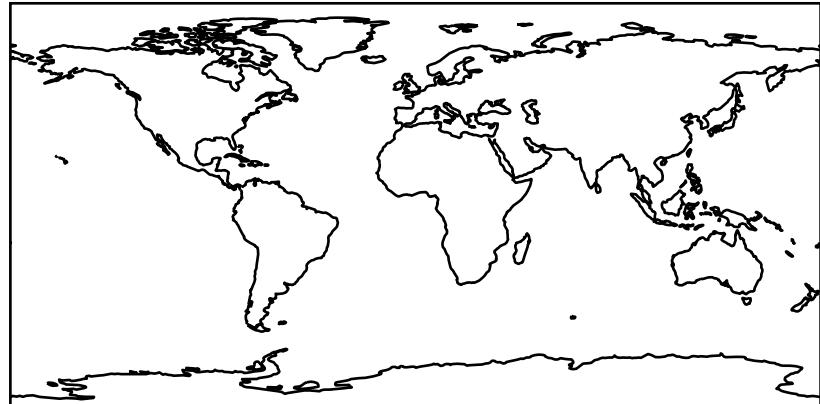
EmisCH2O_Ship

GCHP_12.7.0 (Ref)
c48



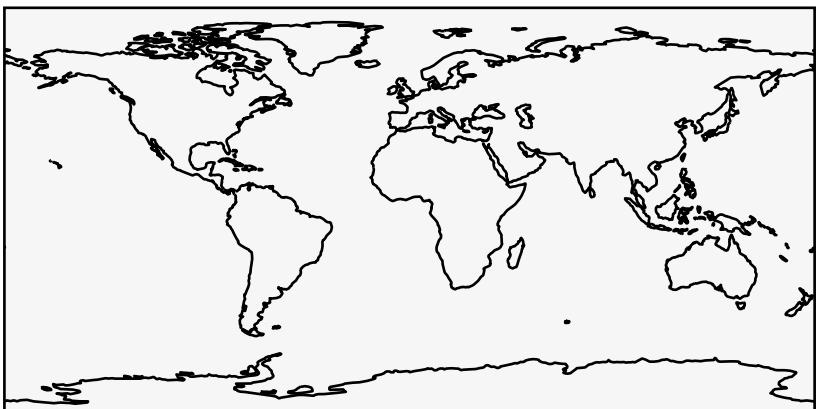
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kg/m²/s

GCHP_12.8.0 (Dev)
c48



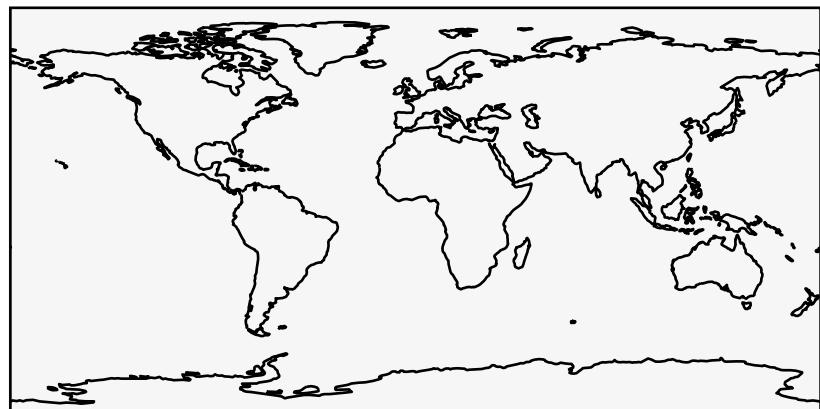
Zero throughout domain
kg/m²/s

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



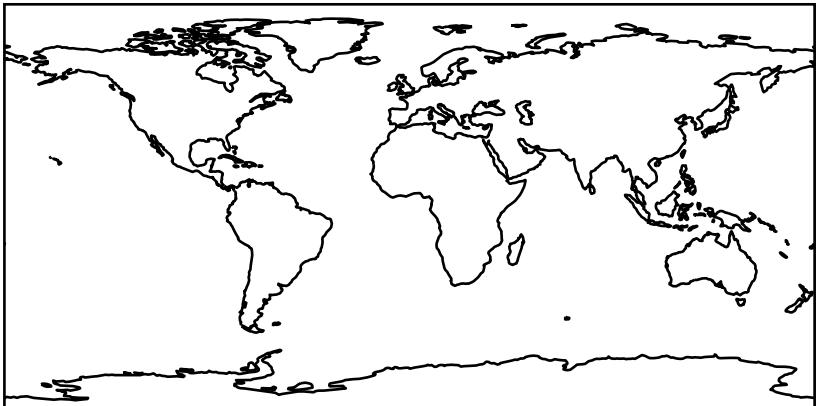
Zero throughout domain
kg/m²/s

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



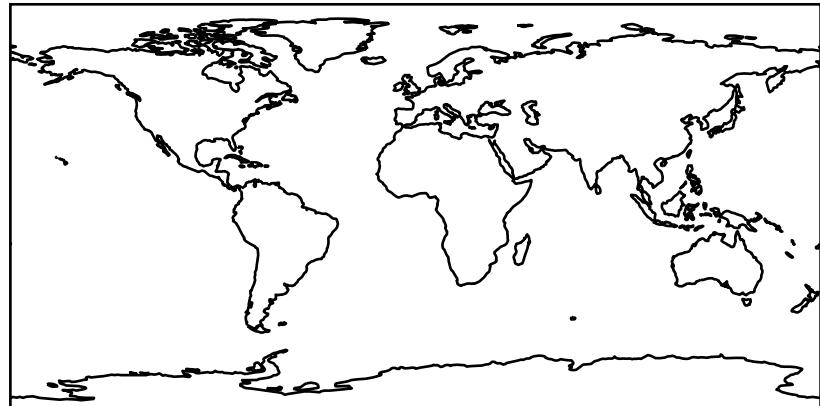
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kg/m²/s

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



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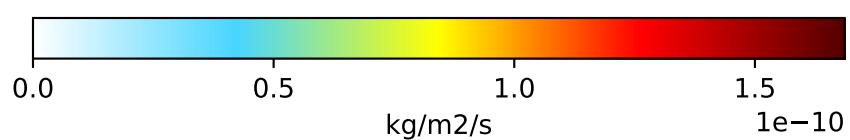
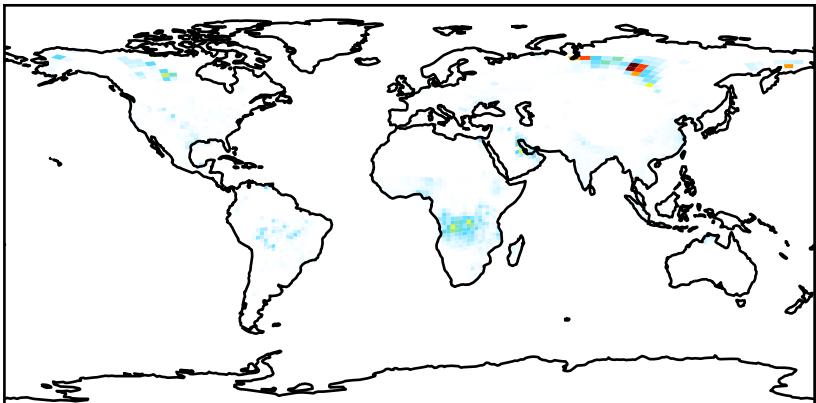
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



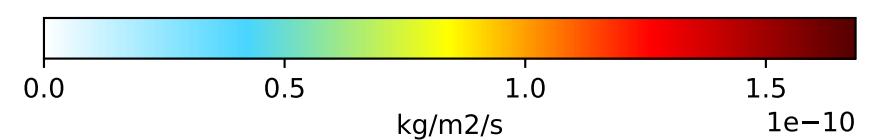
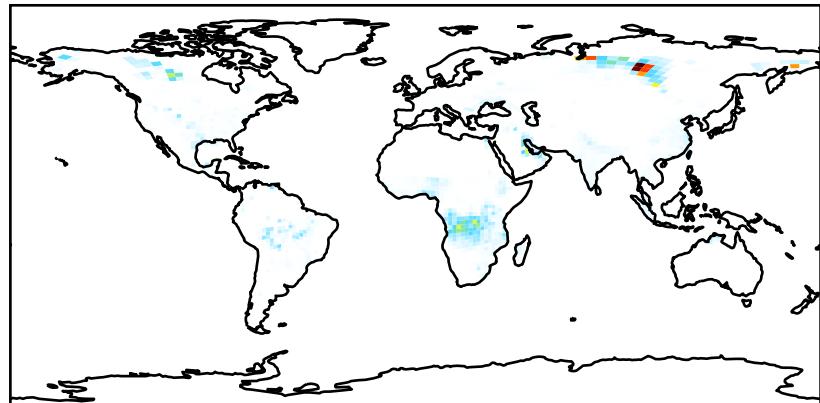
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EmisCH2O_Total

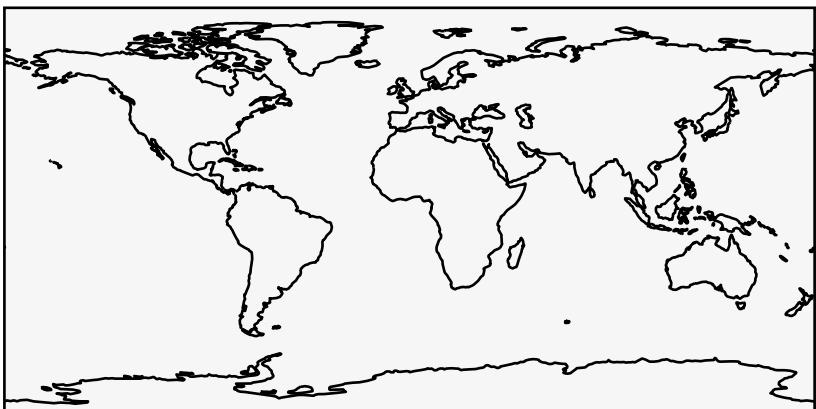
GCHP_12.7.0 (Ref)
c48



GCHP_12.8.0 (Dev)
c48

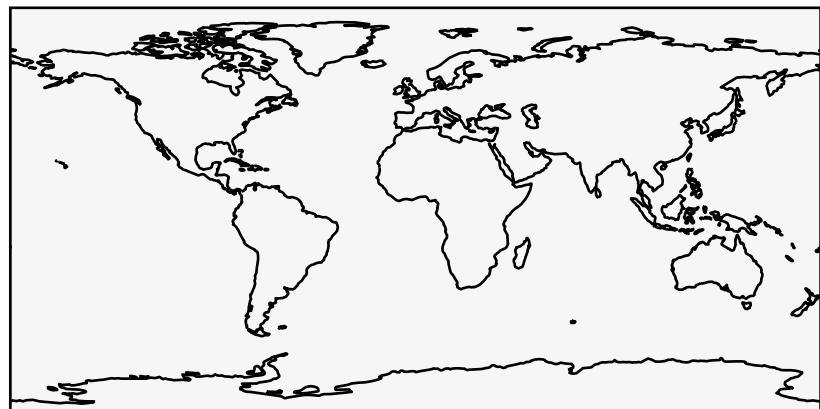


Difference (1x1.25)
Dev - Ref, Dynamic Range



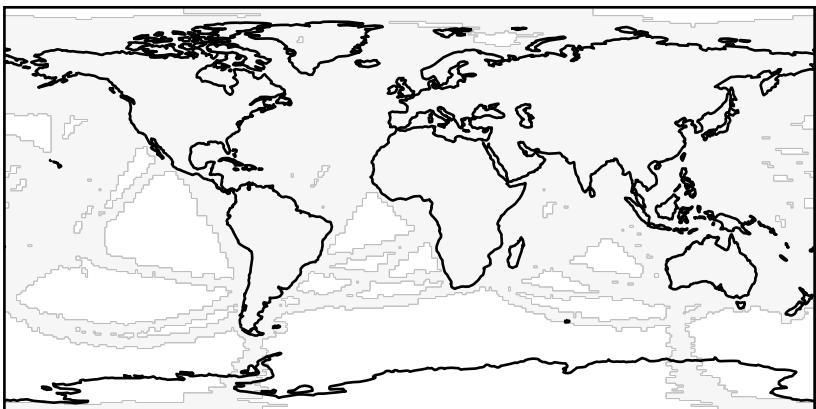
Zero throughout domain
kg/m²/s

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



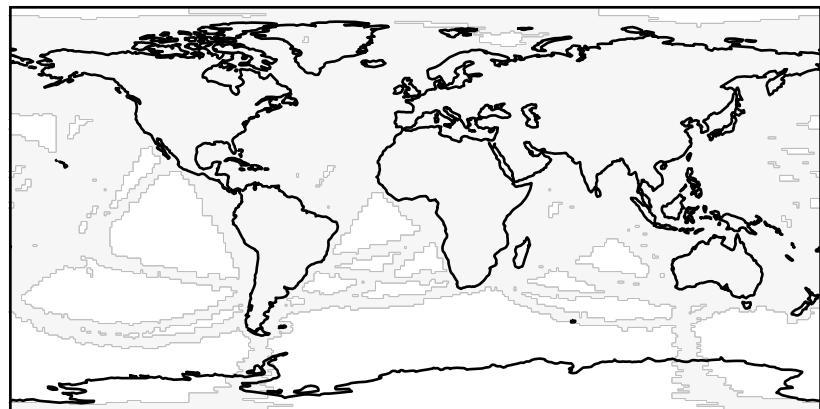
Zero throughout domain
kg/m²/s

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



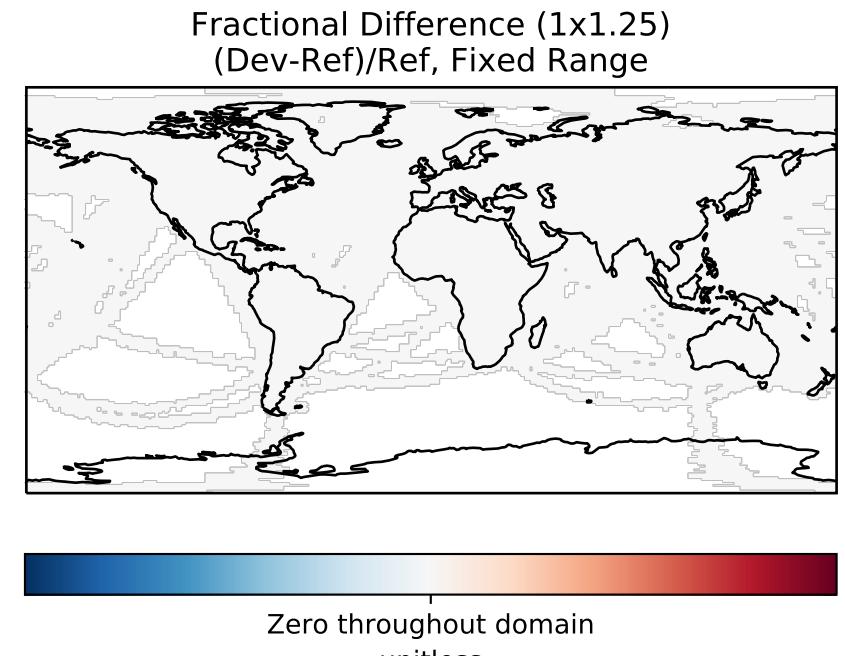
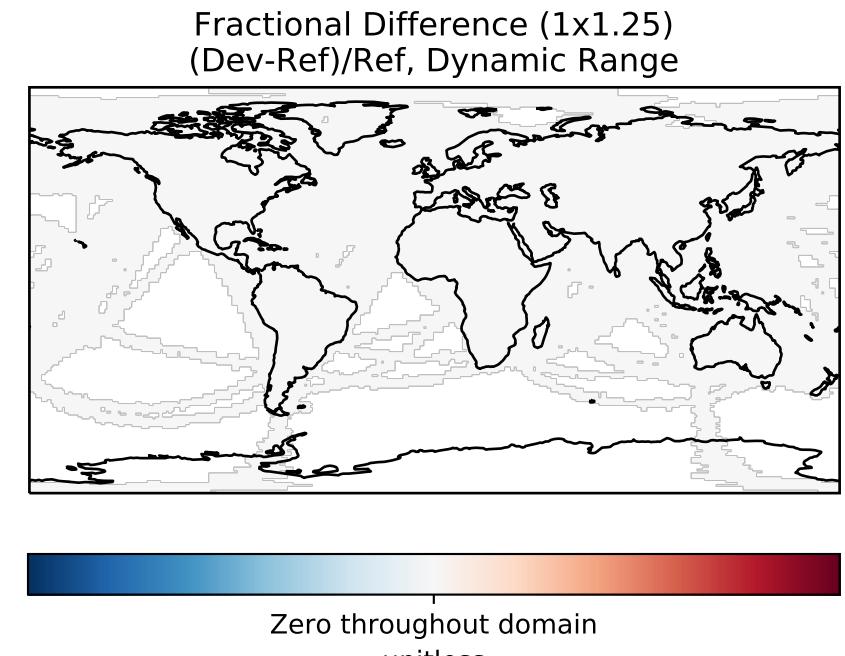
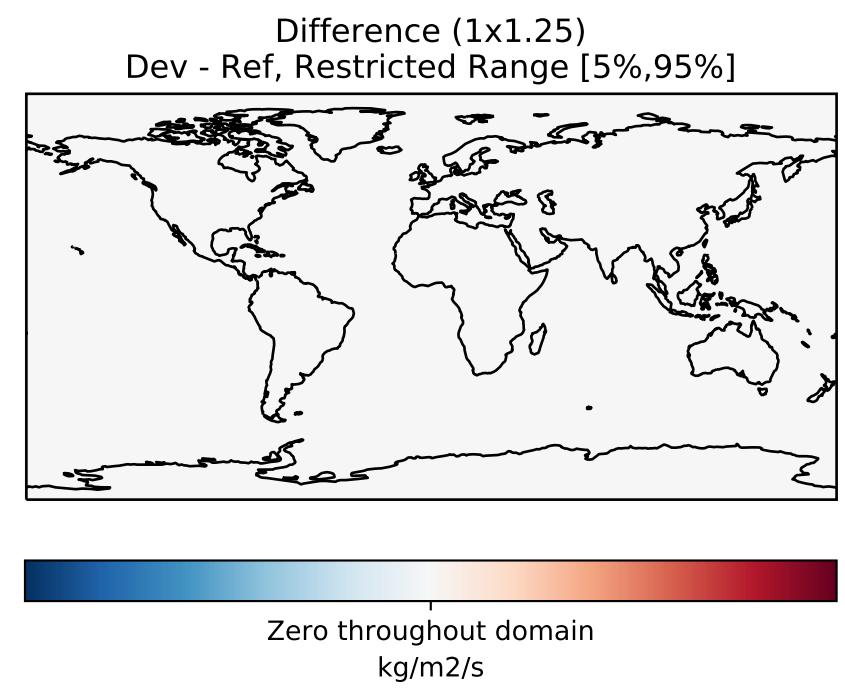
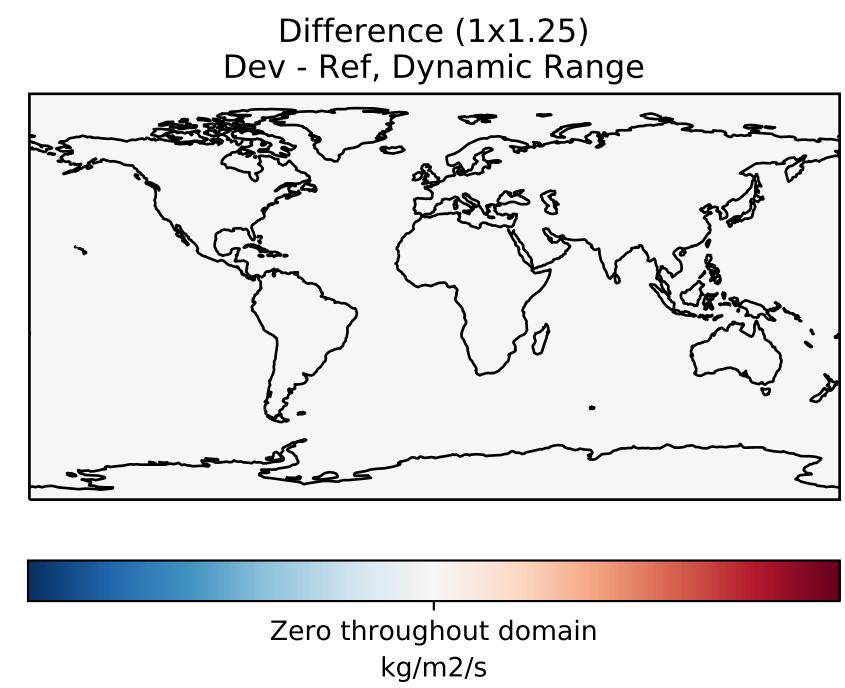
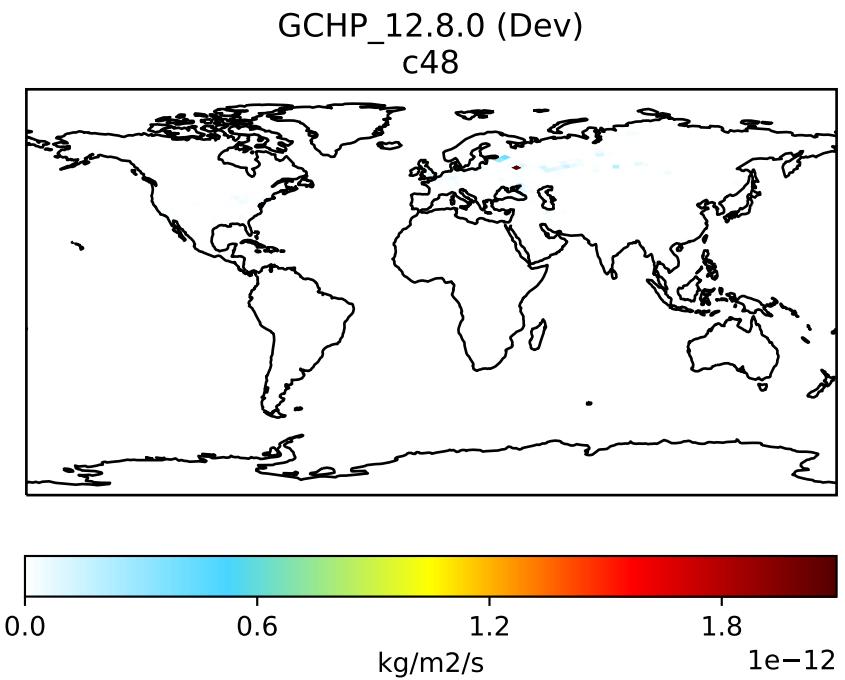
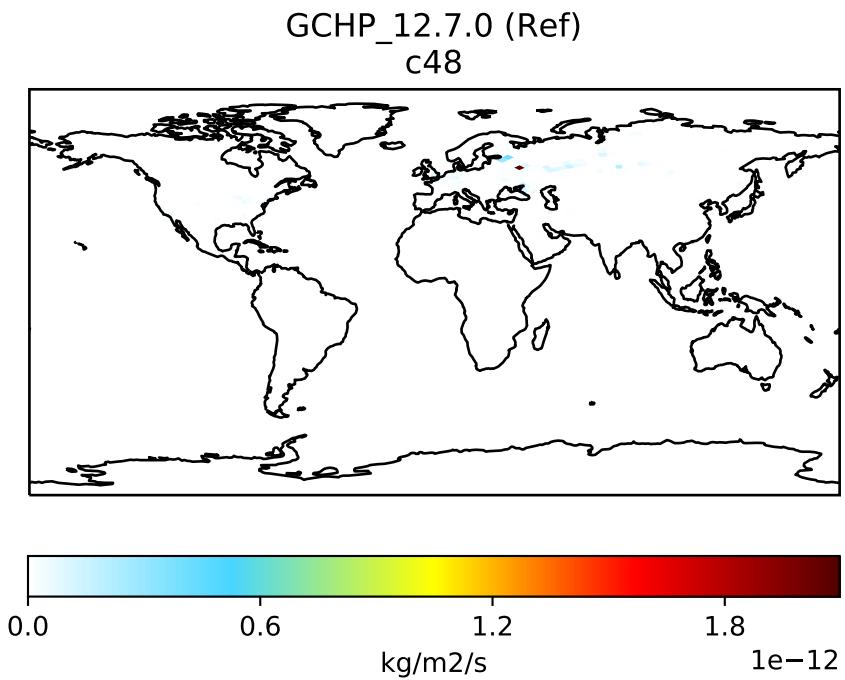
Zero throughout domain
unitless

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

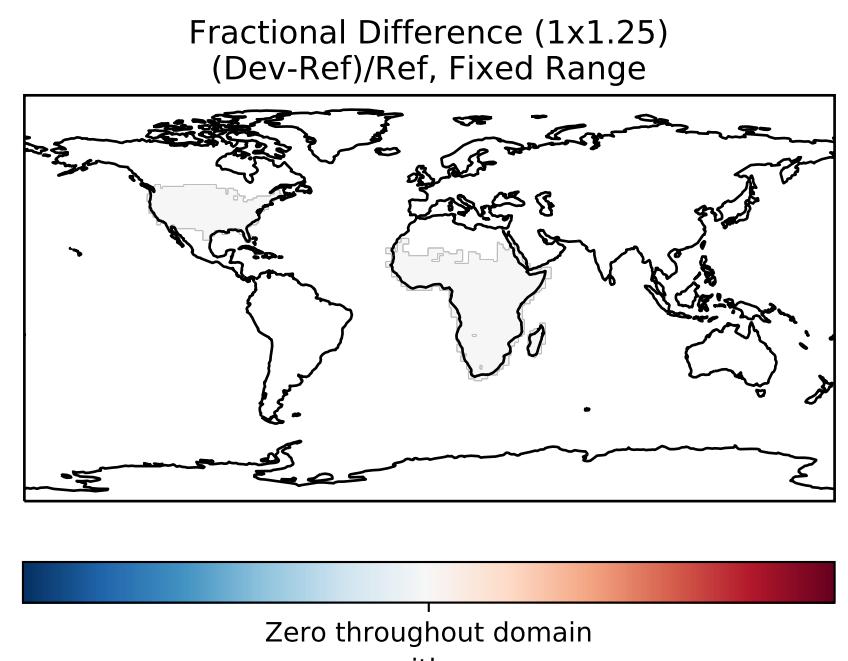
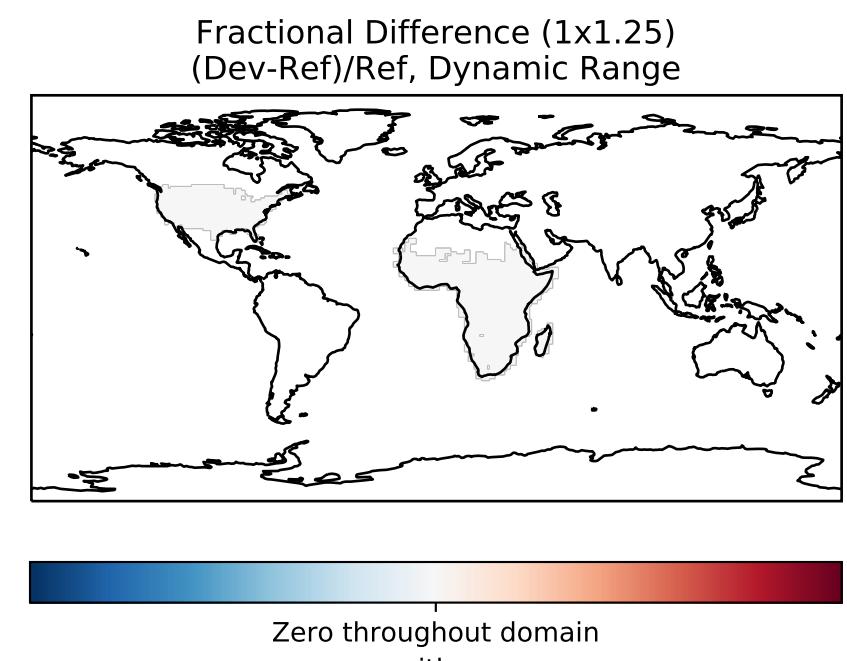
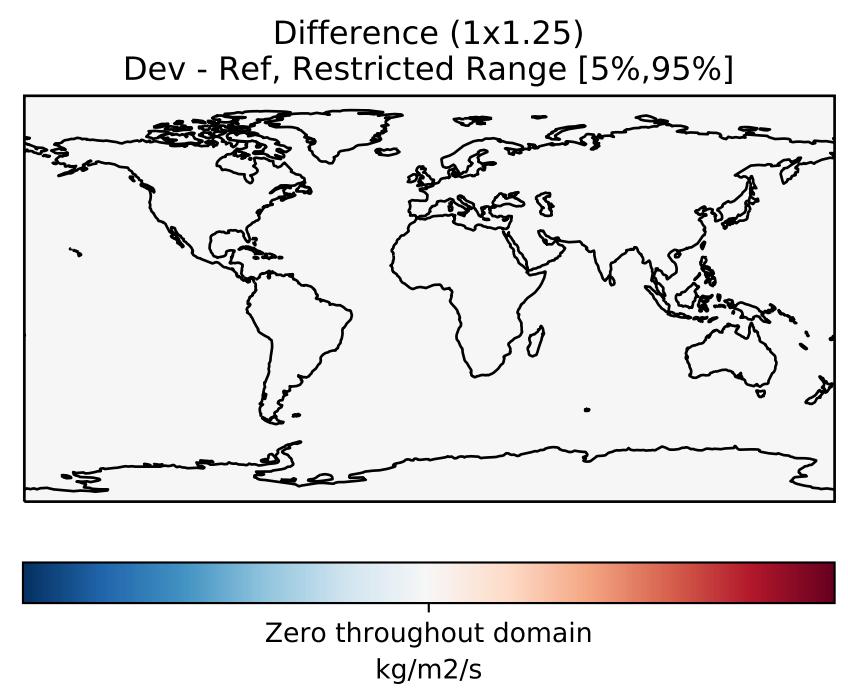
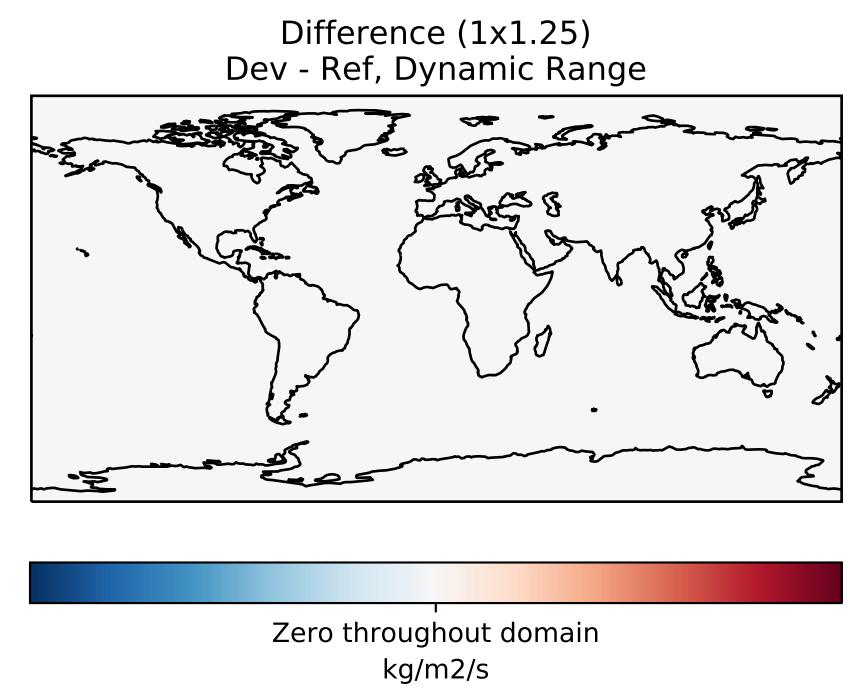
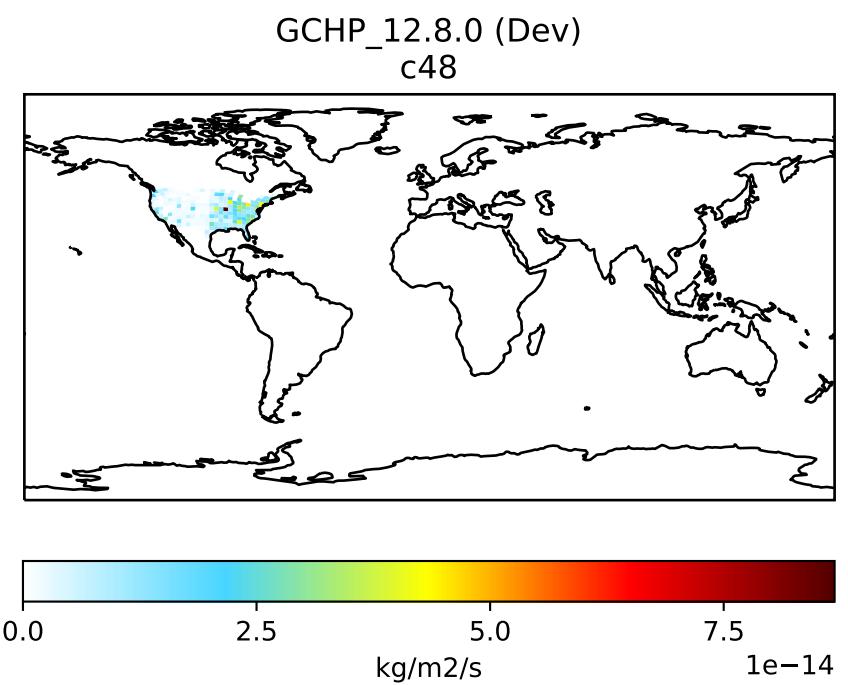
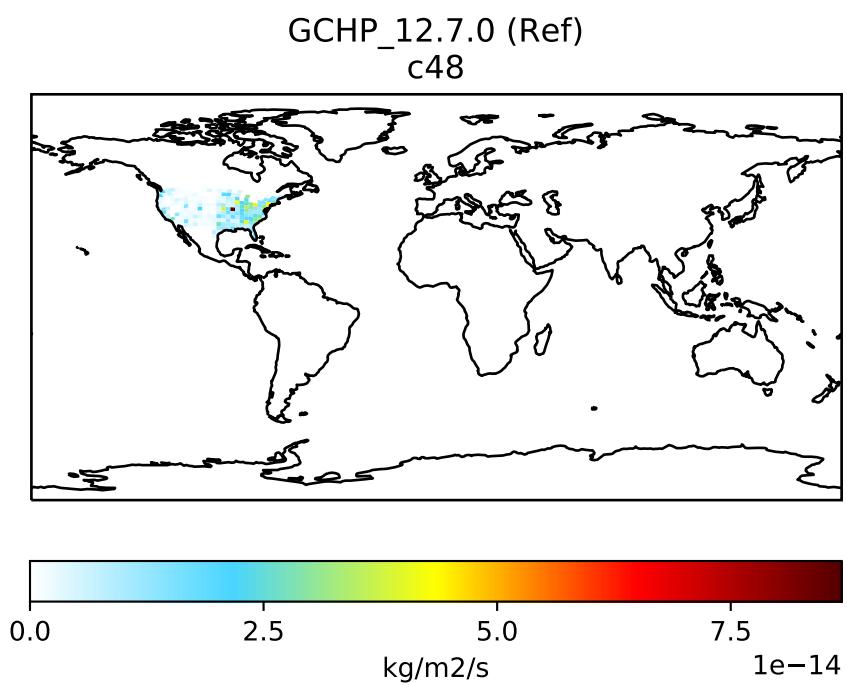


Zero throughout domain
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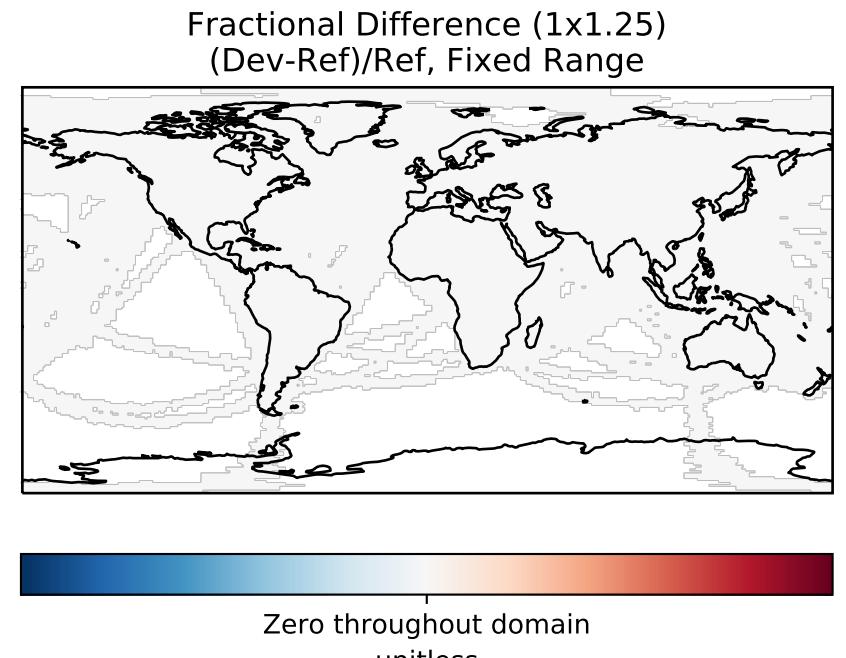
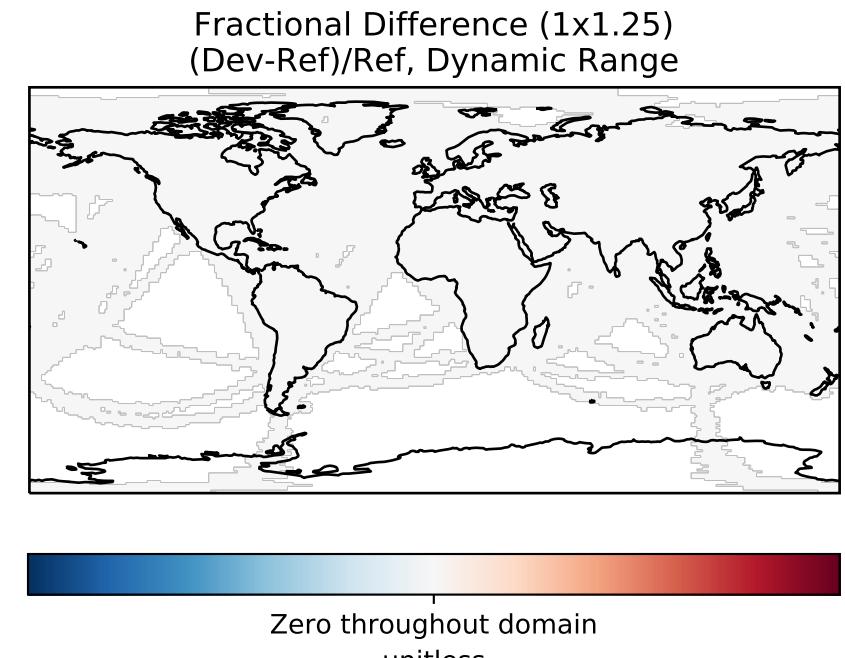
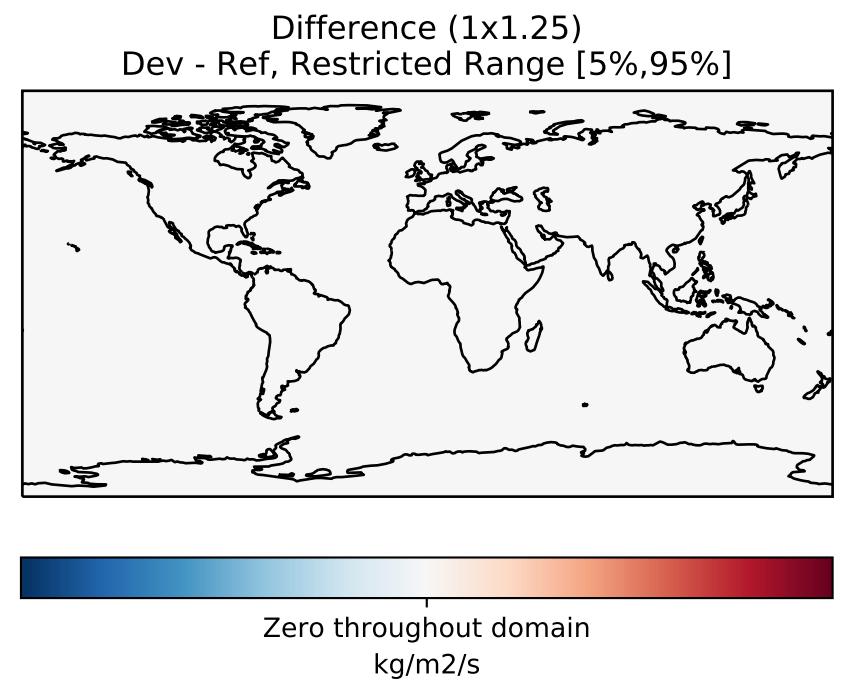
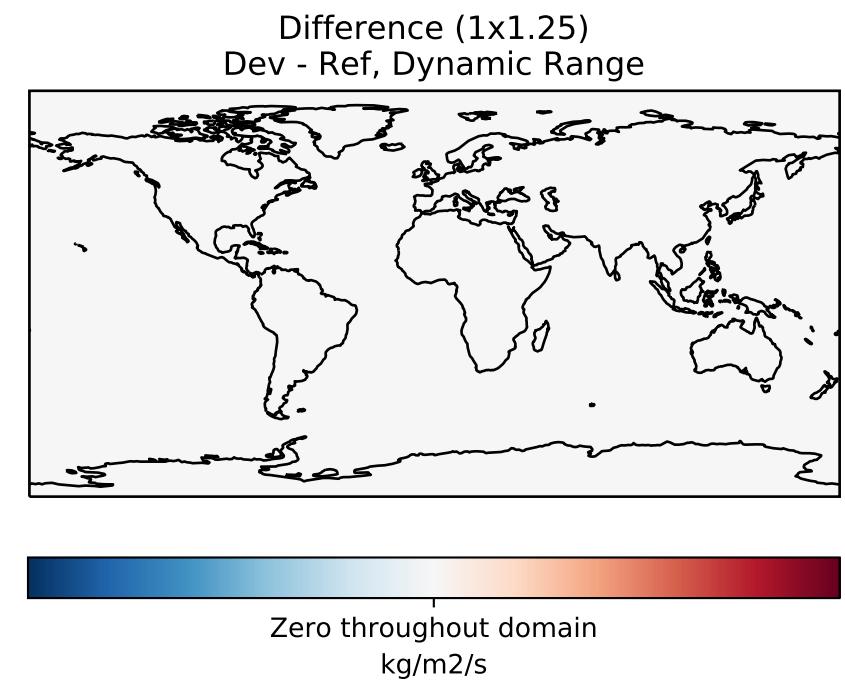
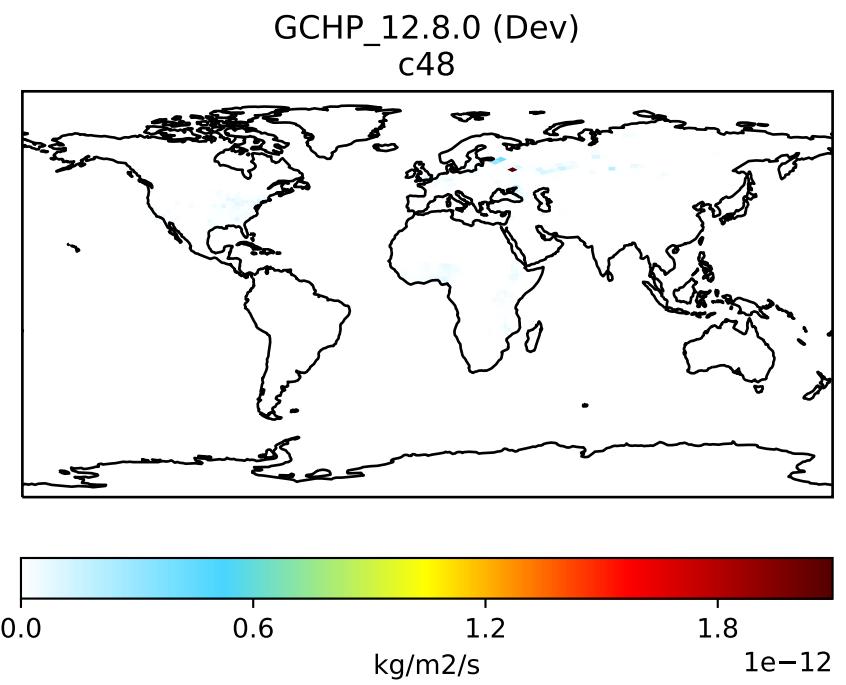
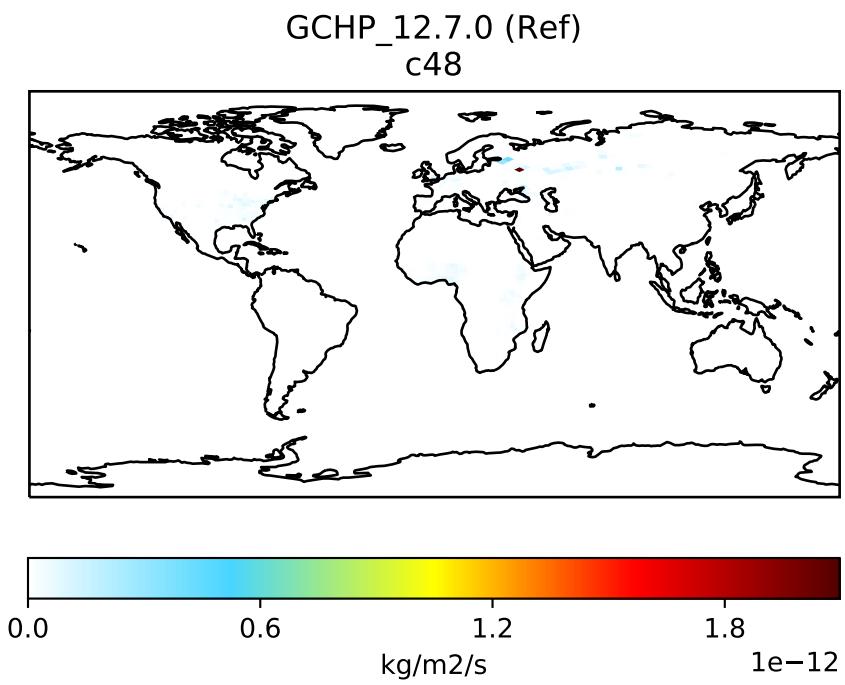
EmisMACR_Aircraft



EmisMACR_Anthro

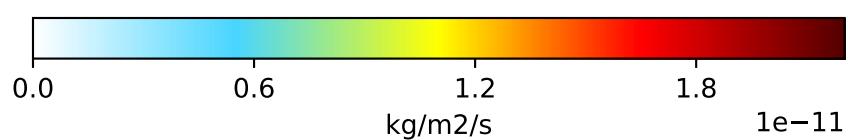
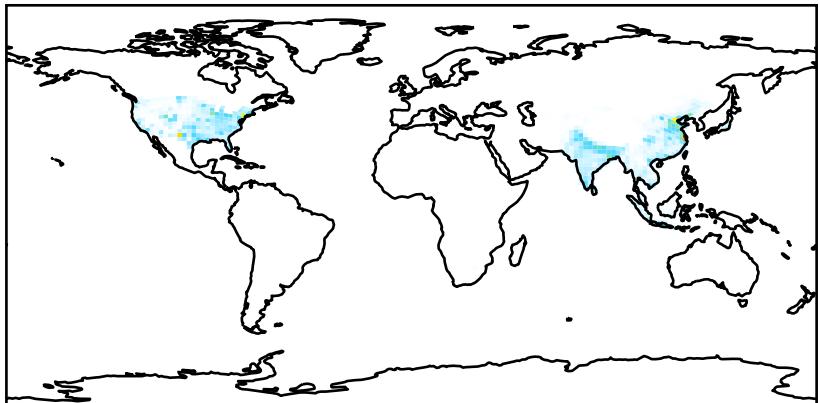


EmisMACR_Total

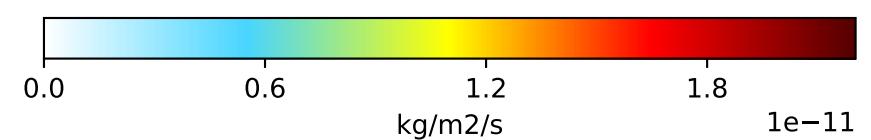
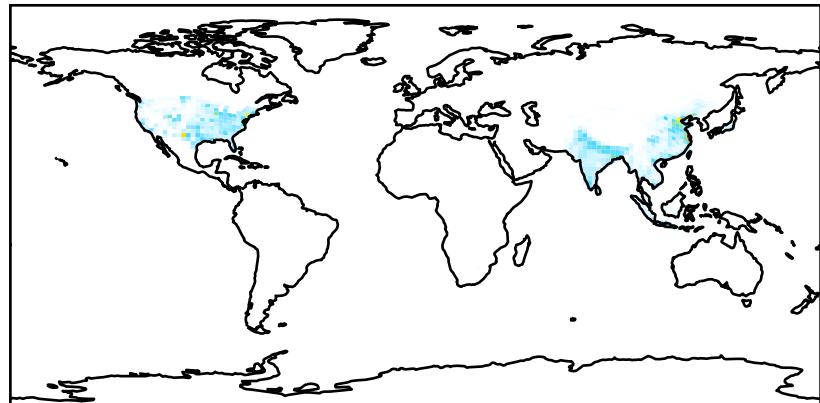


EmisACET_Anthro

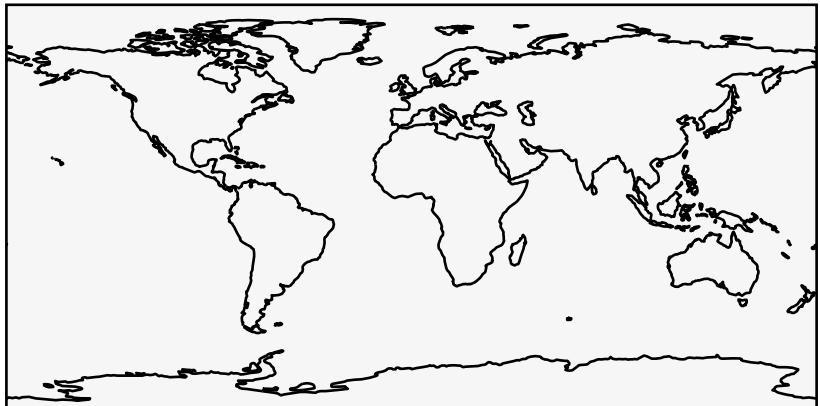
GCHP_12.7.0 (Ref)
c48



GCHP_12.8.0 (Dev)
c48

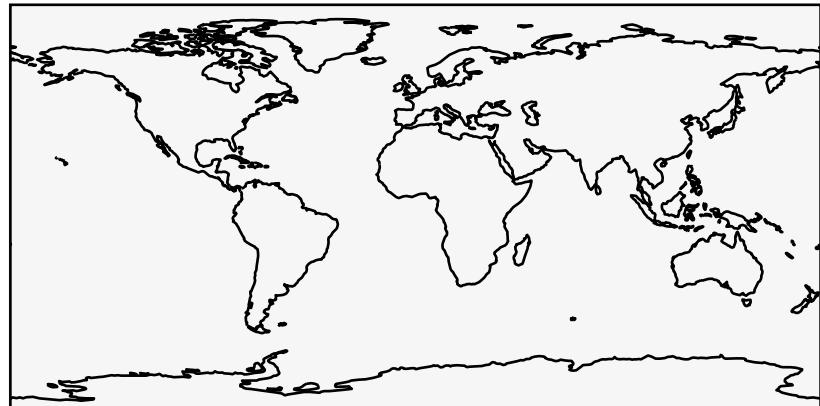


Difference (1x1.25)
Dev - Ref, Dynamic Range



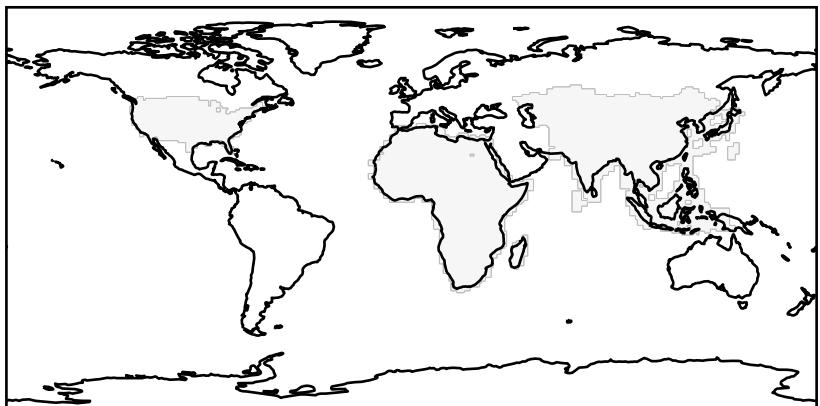
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kg/m²/s

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



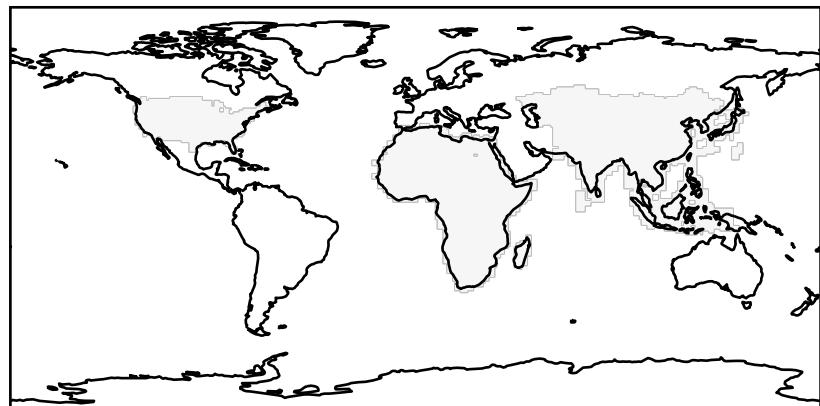
Zero throughout domain
kg/m²/s

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



Zero throughout domain
unitless

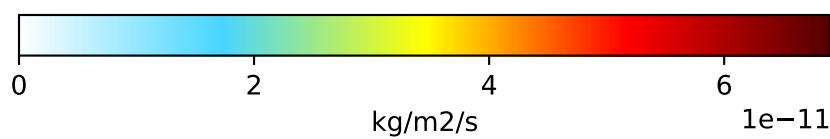
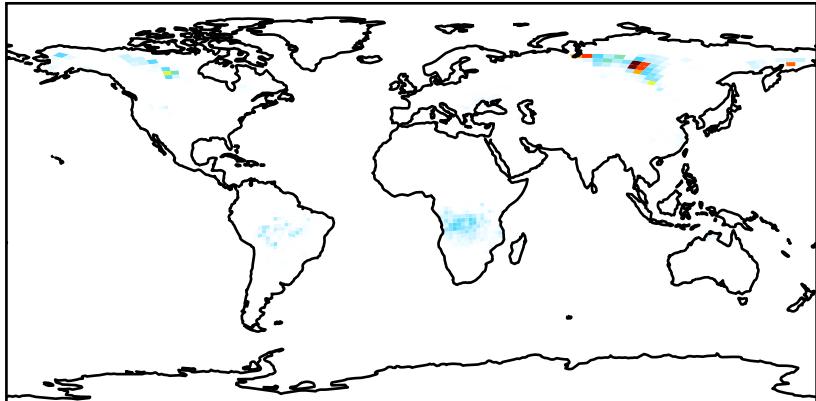
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



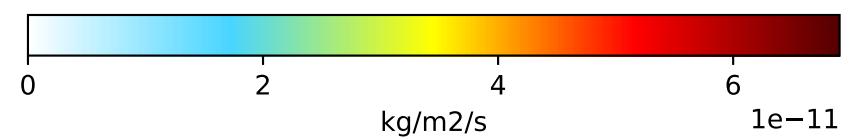
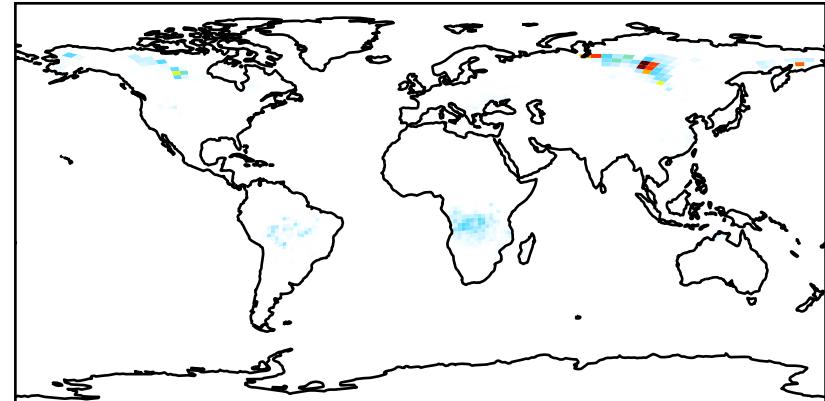
Zero throughout domain
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EmisACET_BioBurn

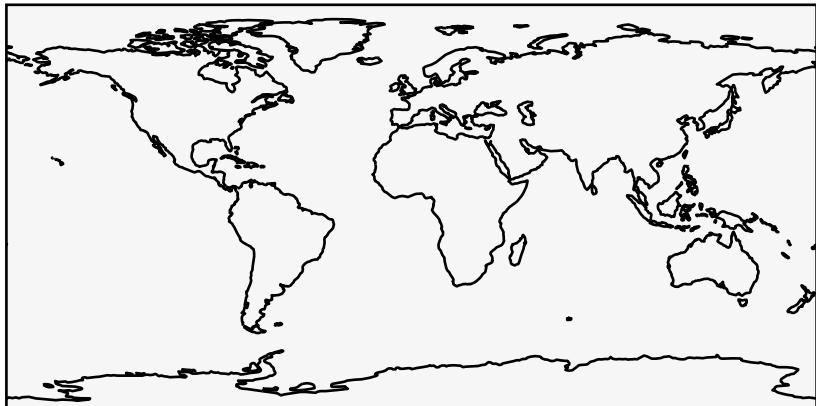
GCHP_12.7.0 (Ref)
c48



GCHP_12.8.0 (Dev)
c48

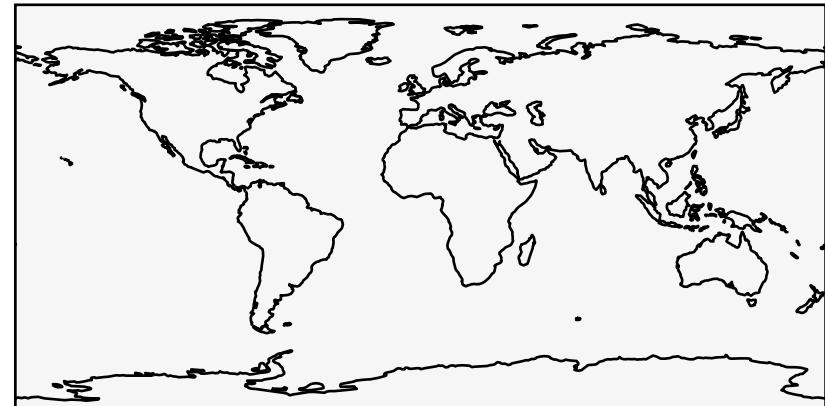


Difference (1x1.25)
Dev - Ref, Dynamic Range



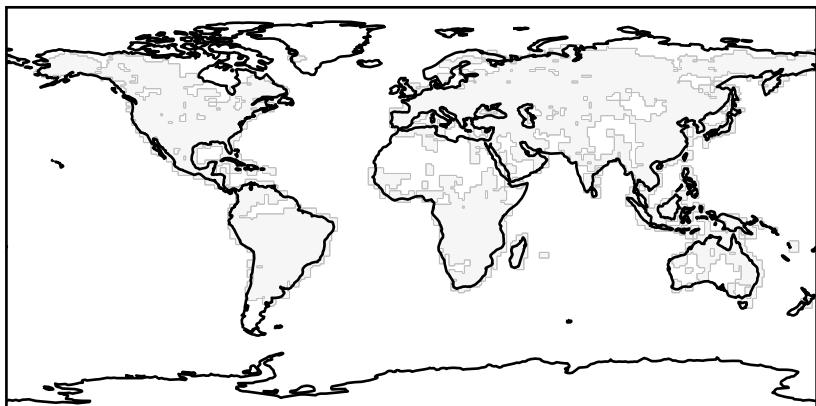
Zero throughout domain
kg/m²/s

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



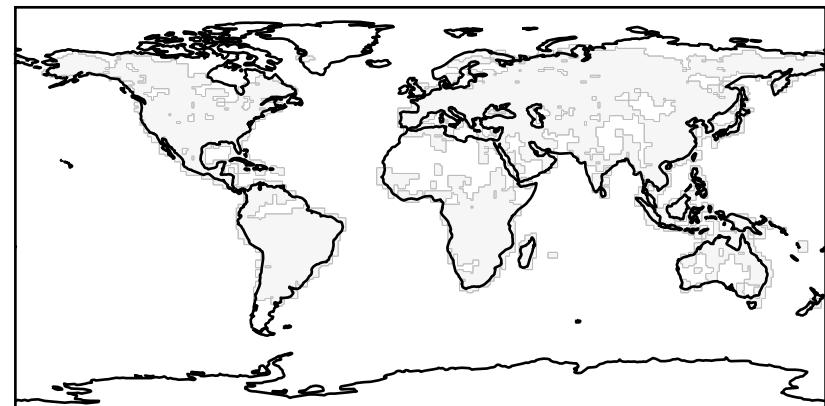
Zero throughout domain
kg/m²/s

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



Zero throughout domain
unitless

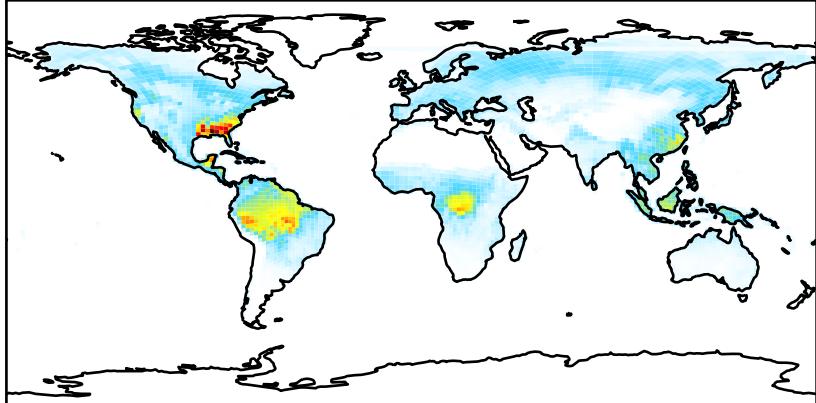
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



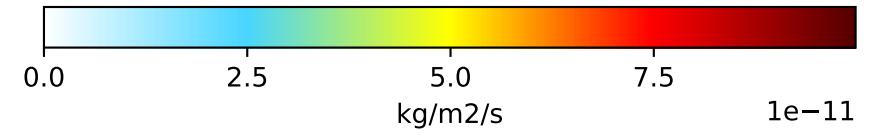
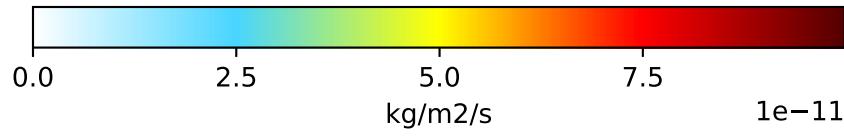
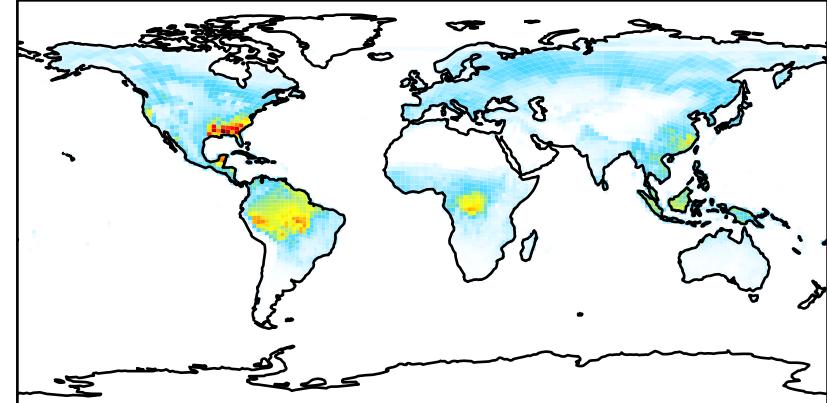
Zero throughout domain
unitless

EmisACET_Biogenic

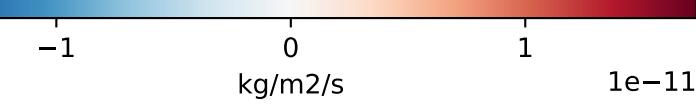
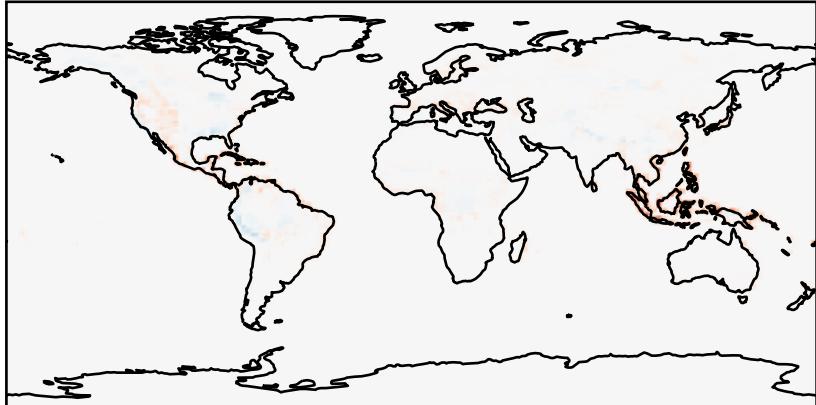
GCHP_12.7.0 (Ref)
c48



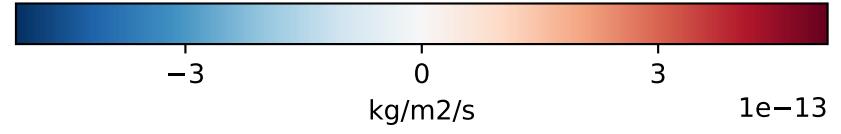
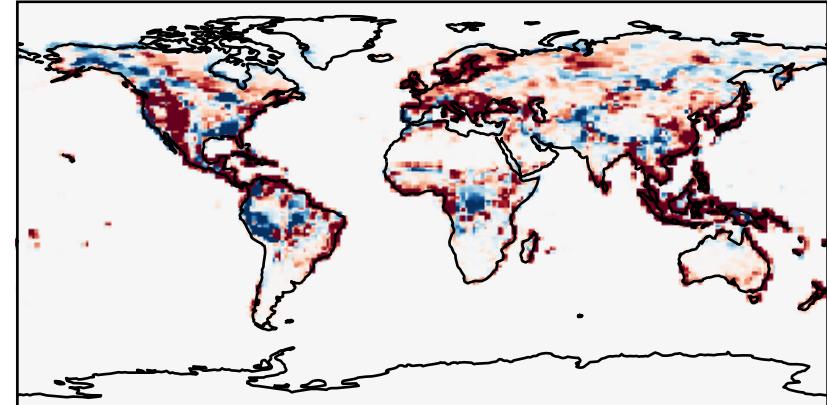
GCHP_12.8.0 (Dev)
c48



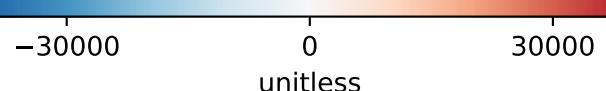
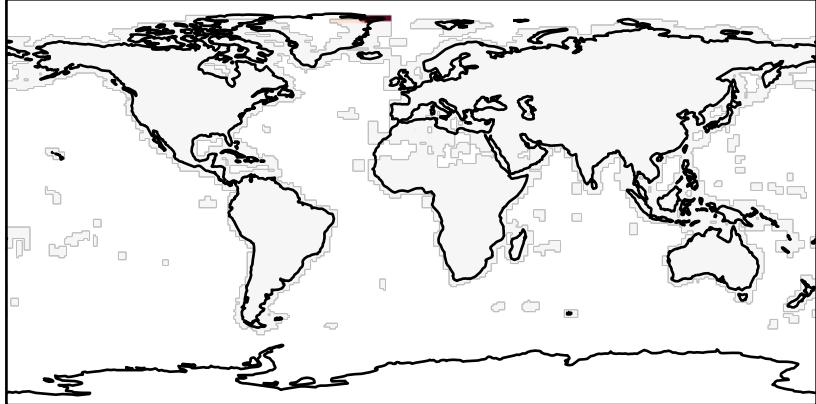
Difference (1x1.25)
Dev - Ref, Dynamic Range



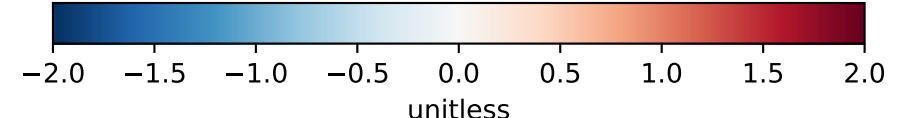
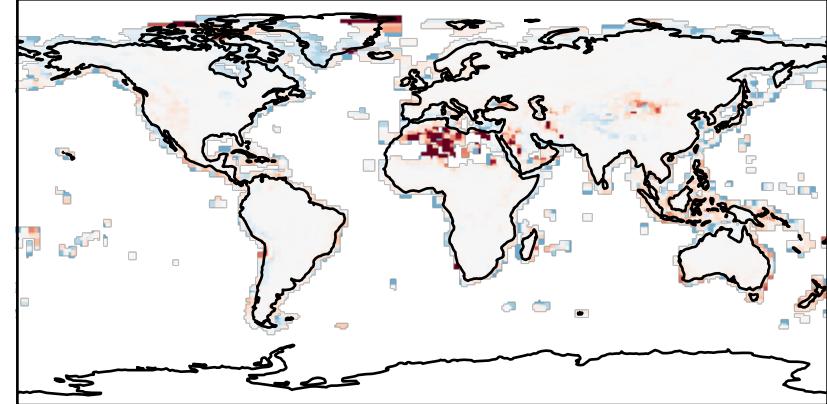
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

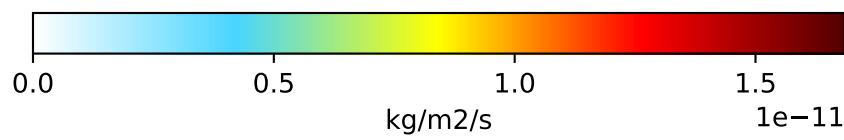
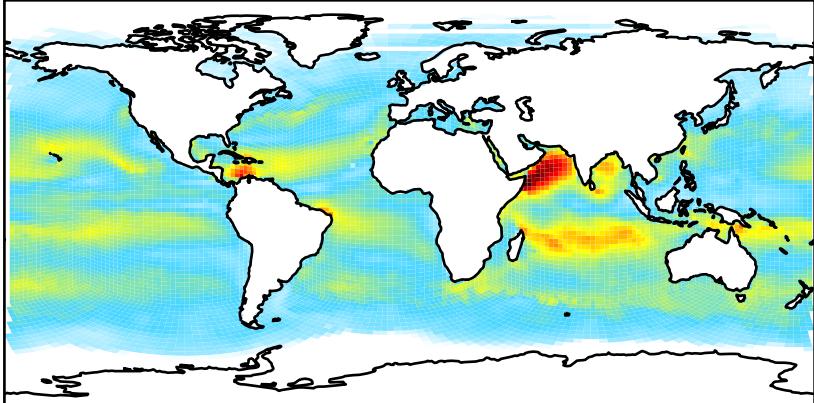


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

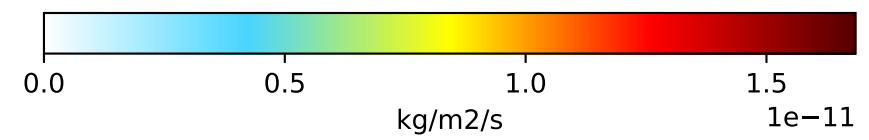
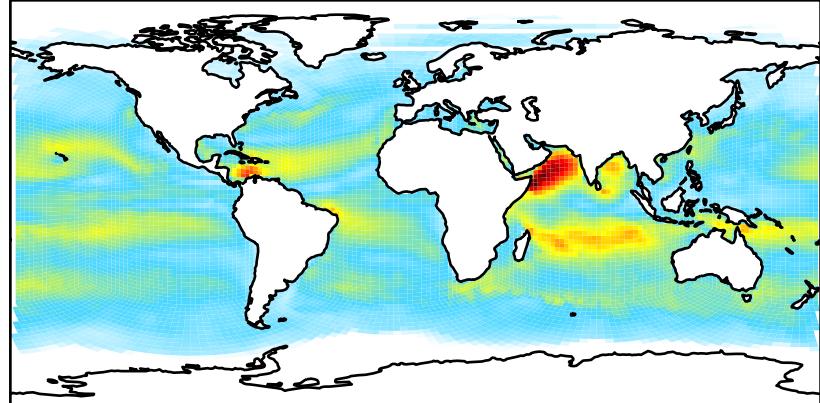


EmisACET_Ocean

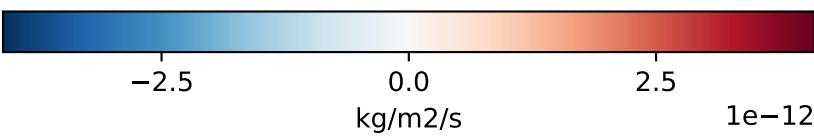
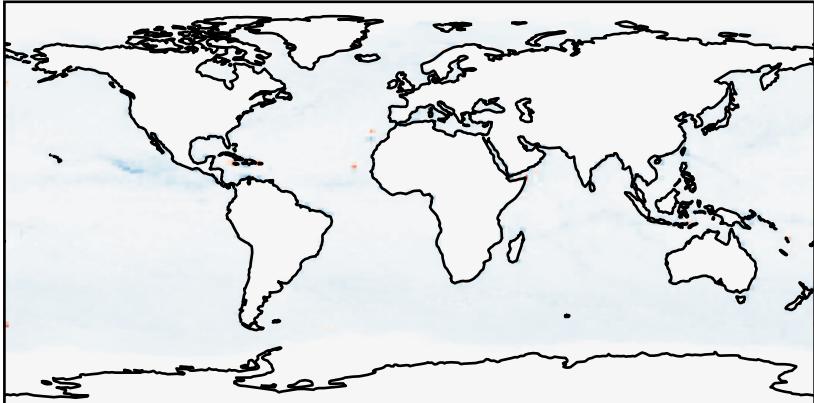
GCHP_12.7.0 (Ref)
c48



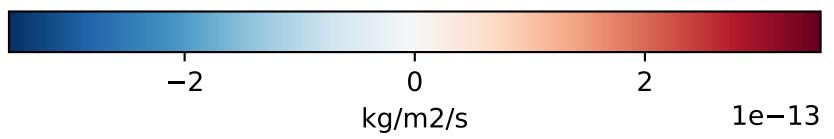
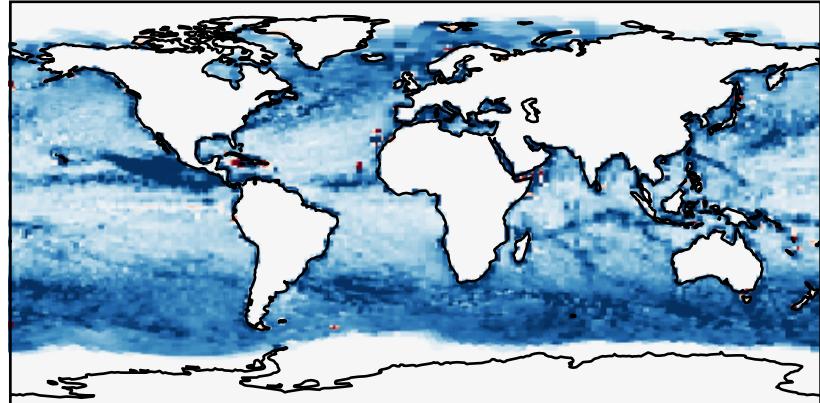
GCHP_12.8.0 (Dev)
c48



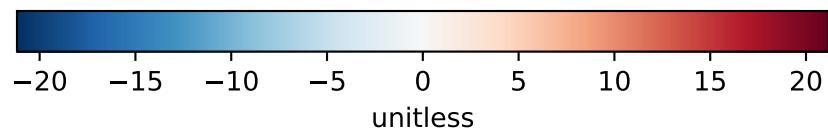
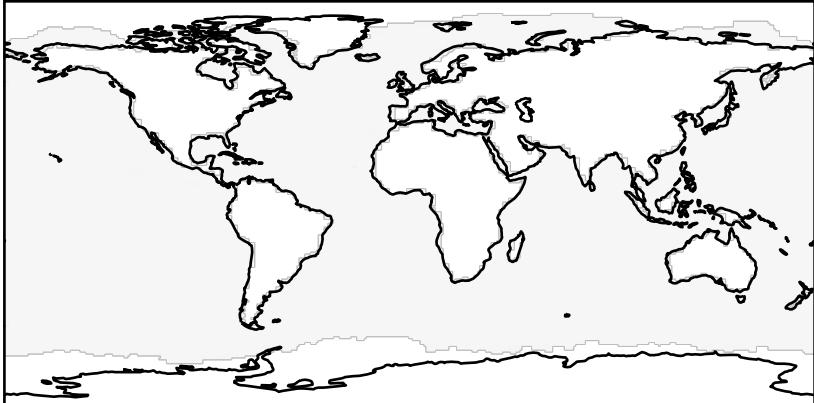
Difference (1x1.25)
Dev - Ref, Dynamic Range



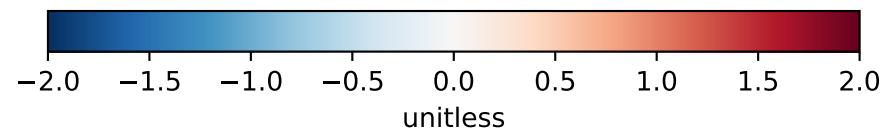
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

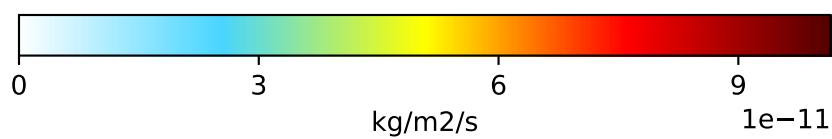
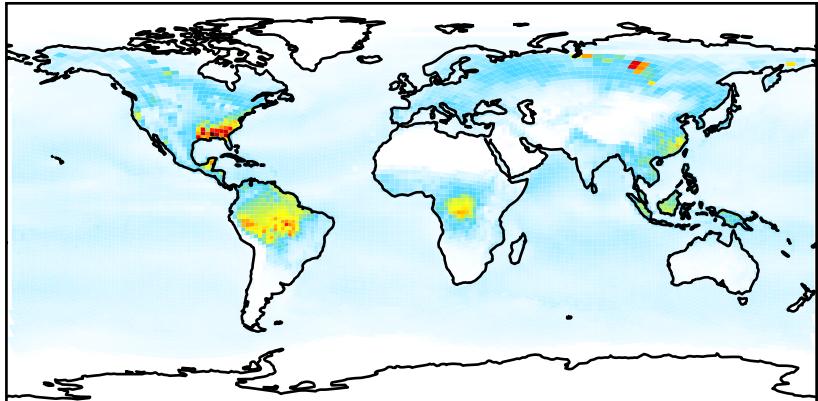


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

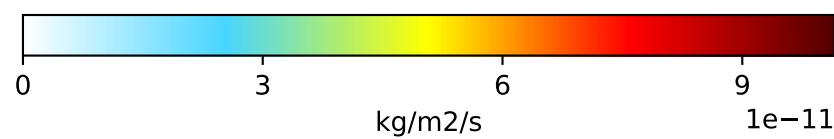
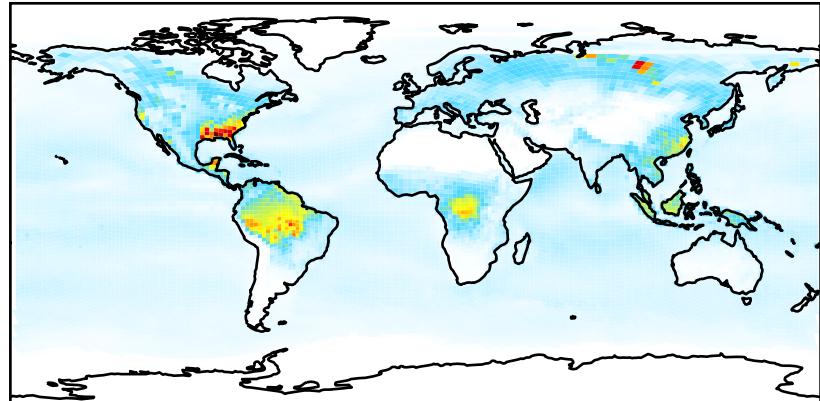


EmisACET_Total

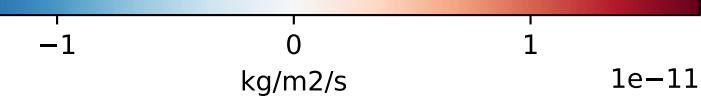
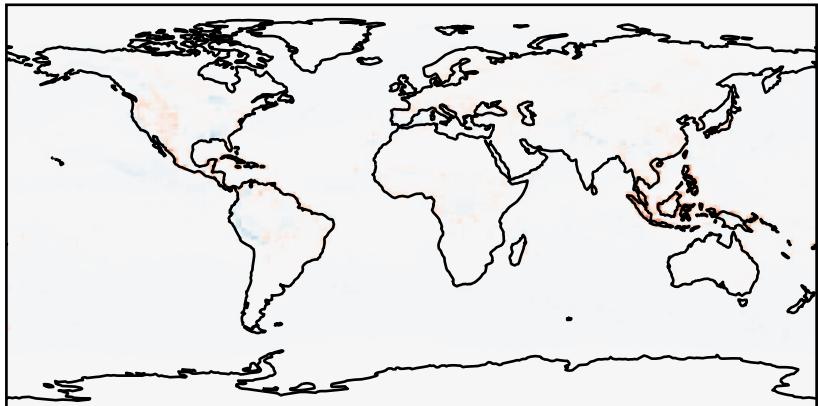
GCHP_12.7.0 (Ref)
c48



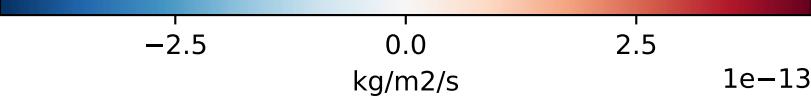
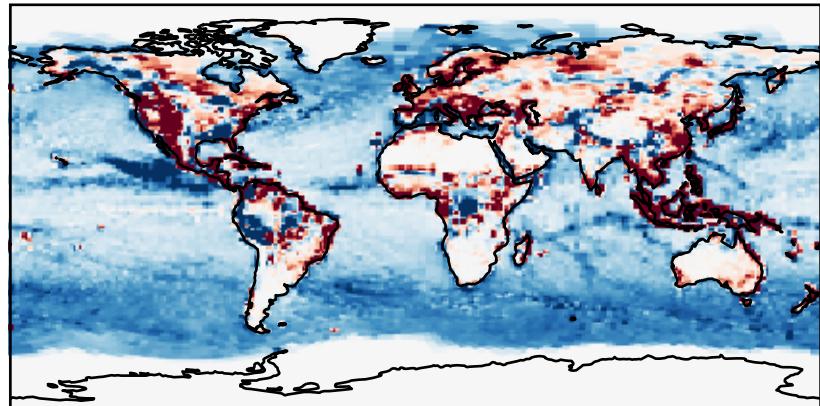
GCHP_12.8.0 (Dev)
c48



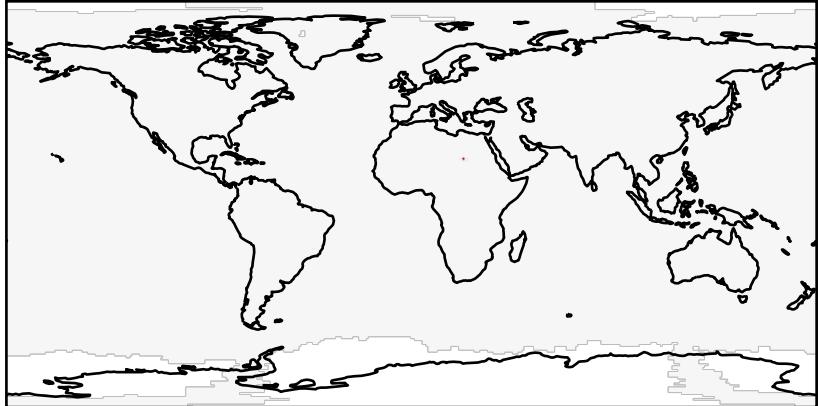
Difference (1x1.25)
Dev - Ref, Dynamic Range



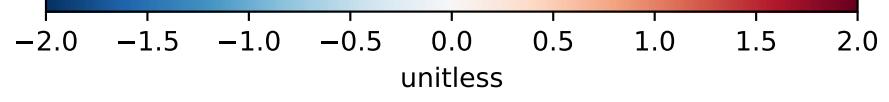
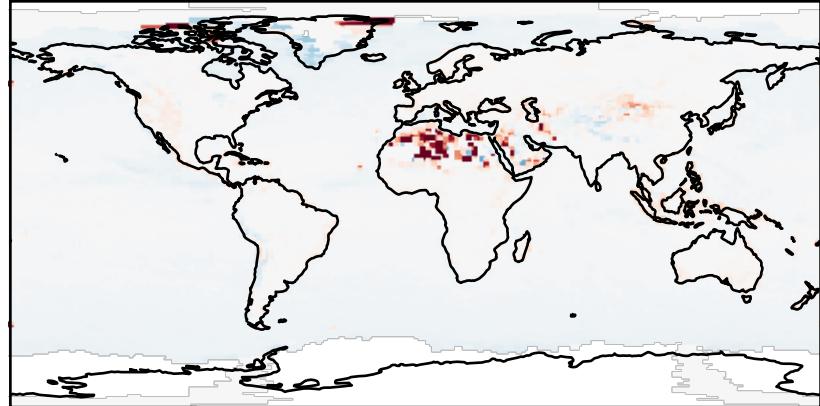
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



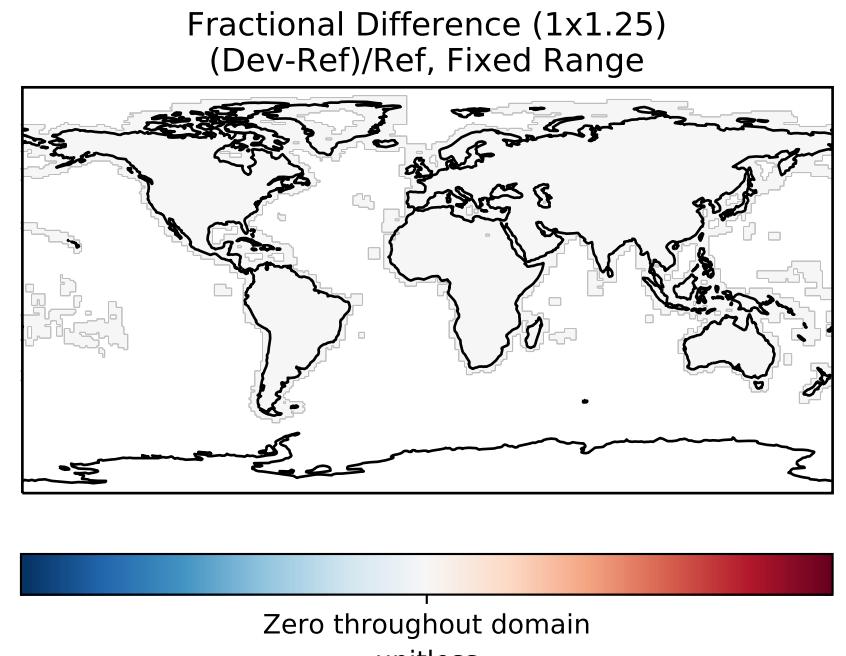
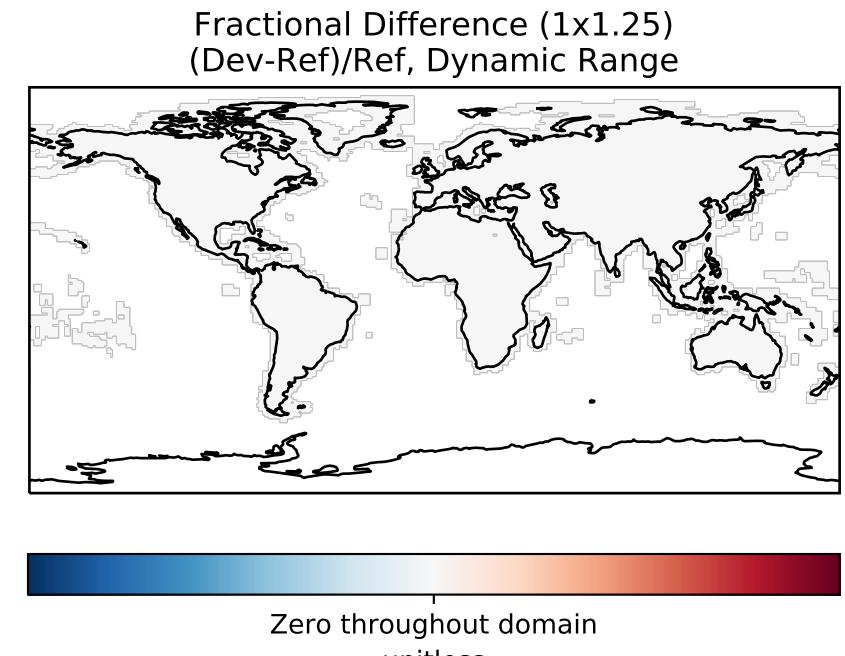
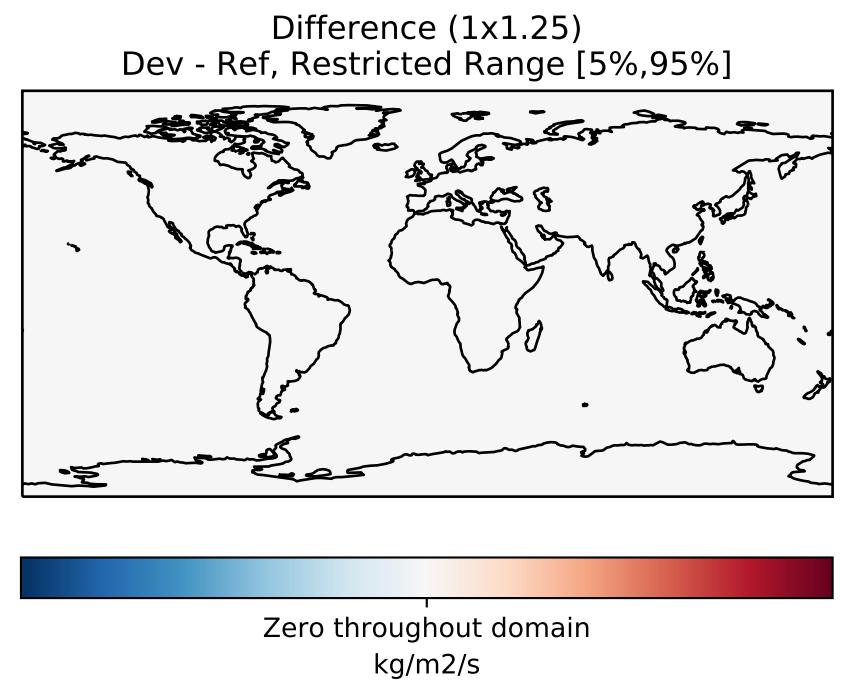
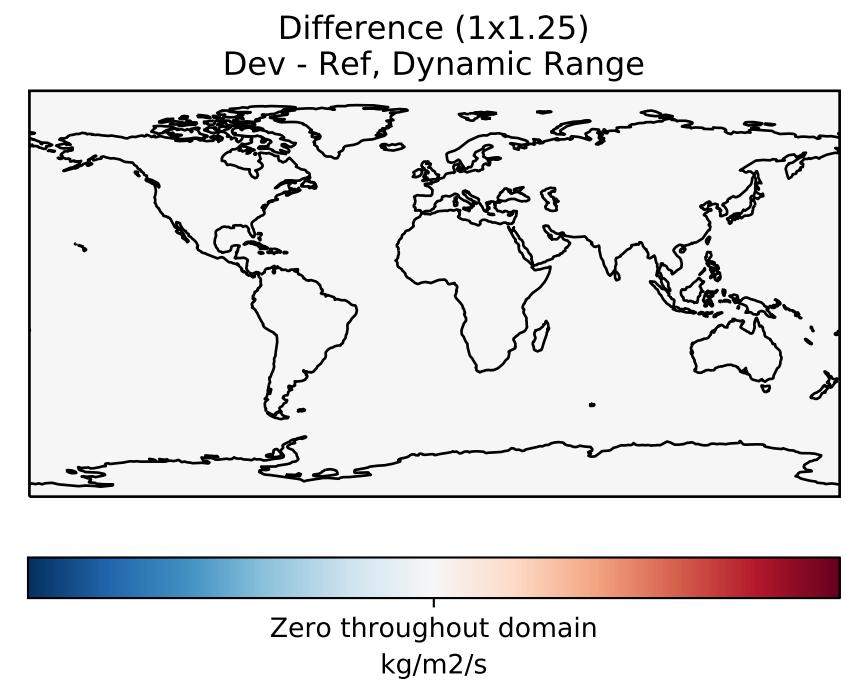
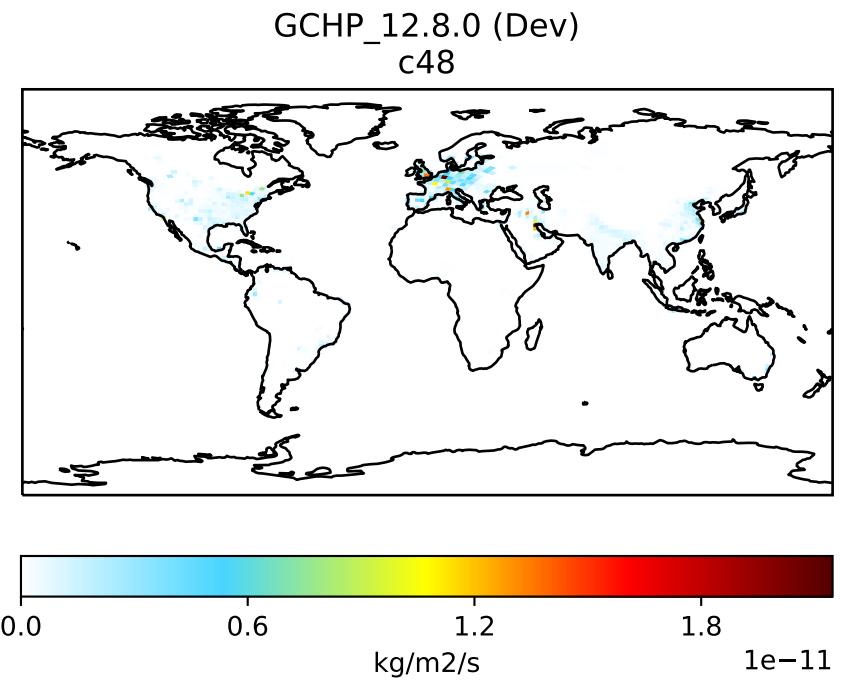
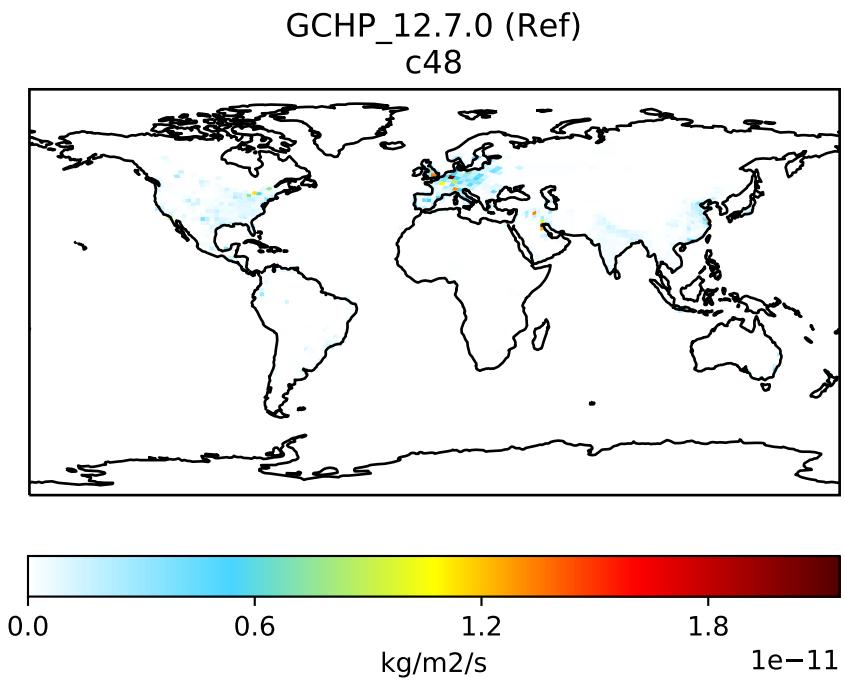
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



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

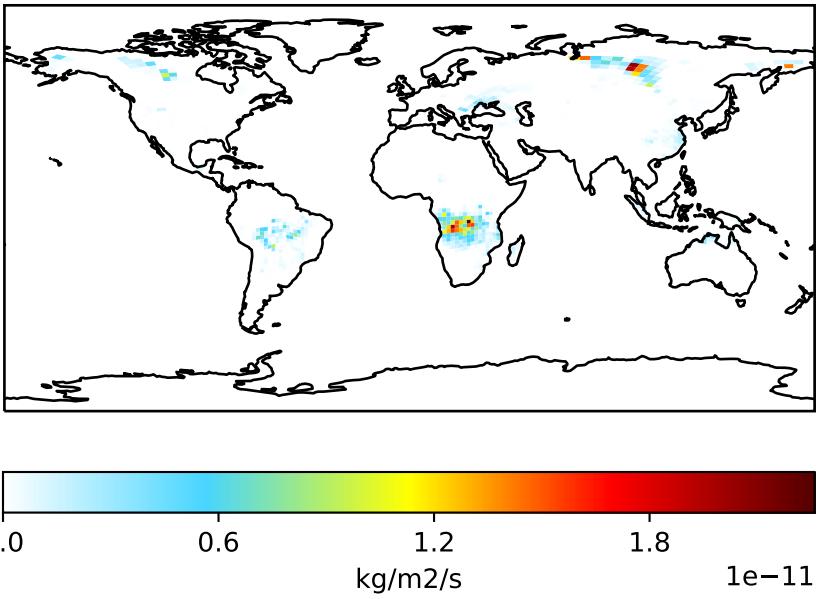


EmisMEK_Anthro

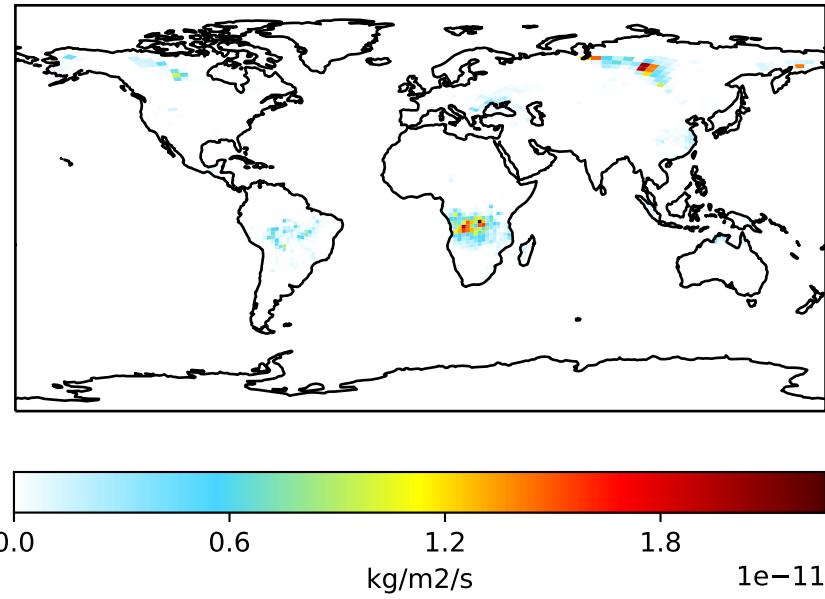


EmisMEK_BioBurn

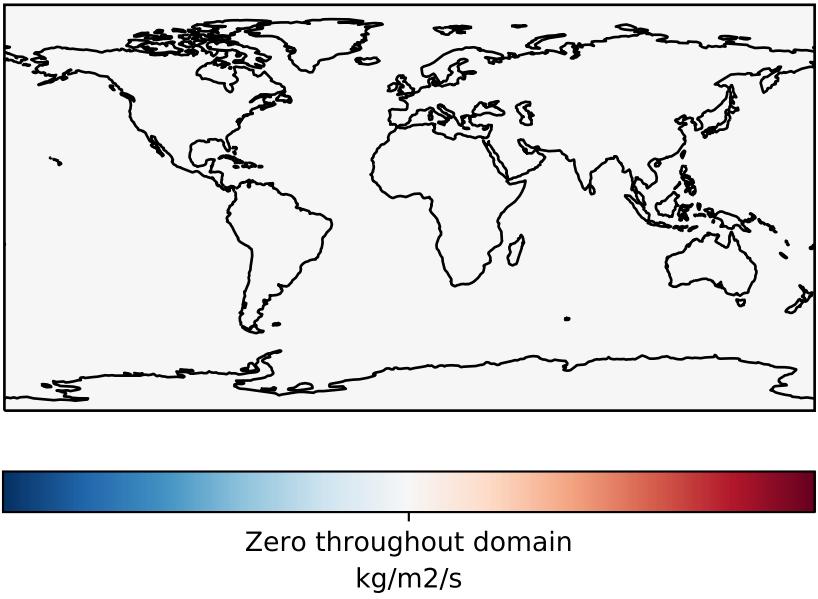
GCHP_12.7.0 (Ref)
c48



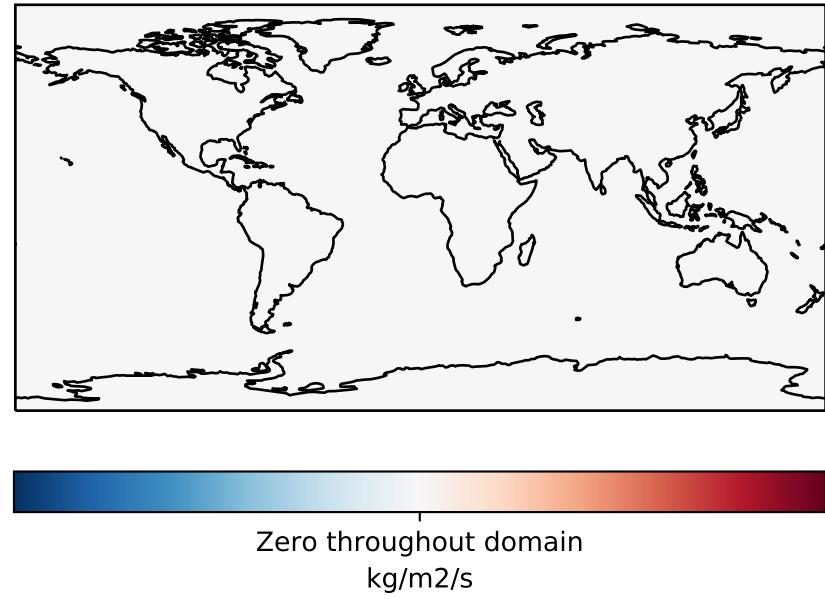
GCHP_12.8.0 (Dev)
c48



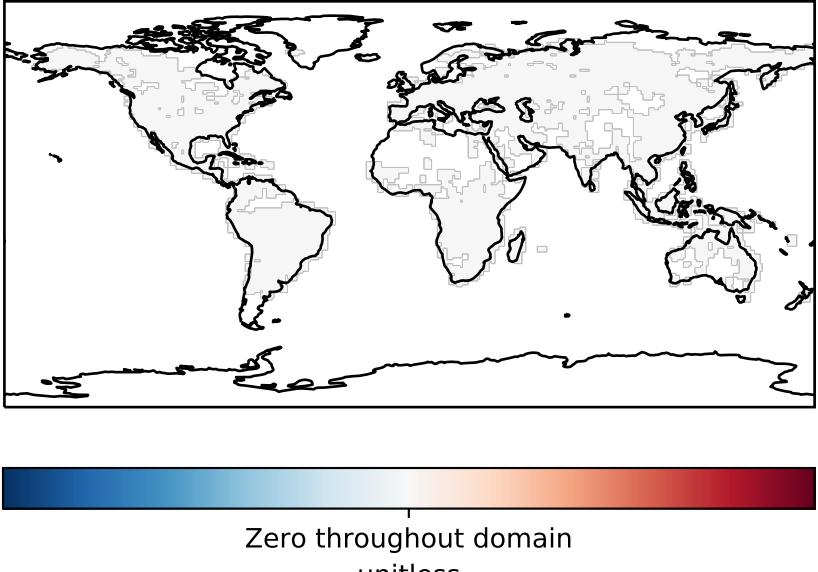
Difference (1x1.25)
Dev - Ref, Dynamic Range



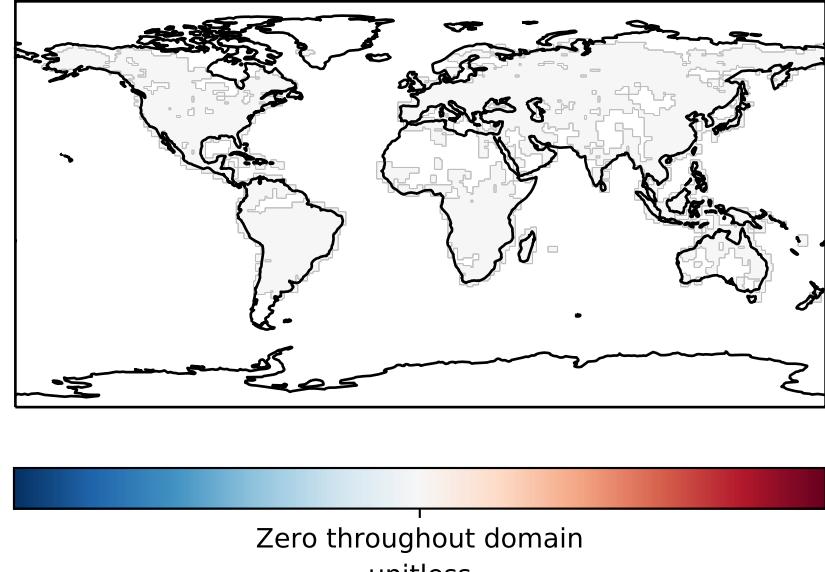
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

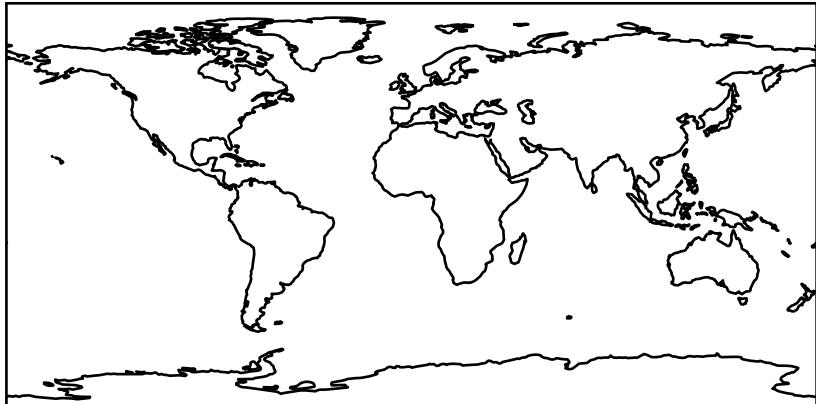


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



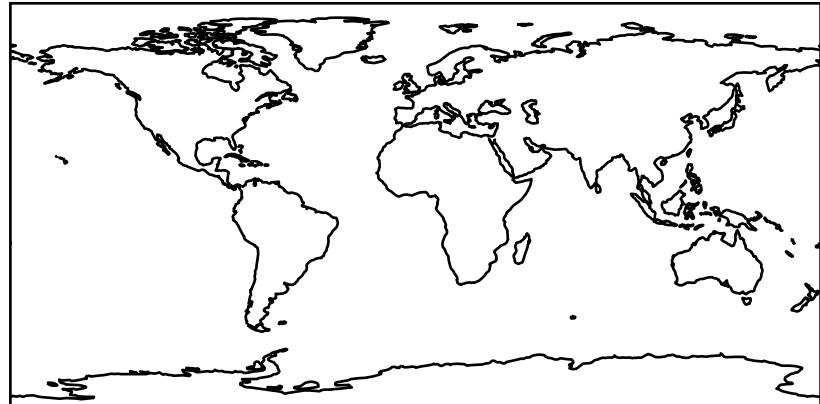
EmisMEK_Ship

GCHP_12.7.0 (Ref)
c48



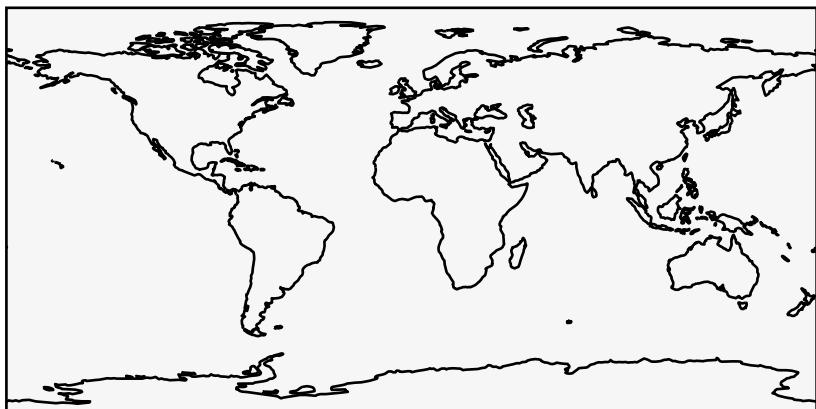
Zero throughout domain
kg/m²/s

GCHP_12.8.0 (Dev)
c48



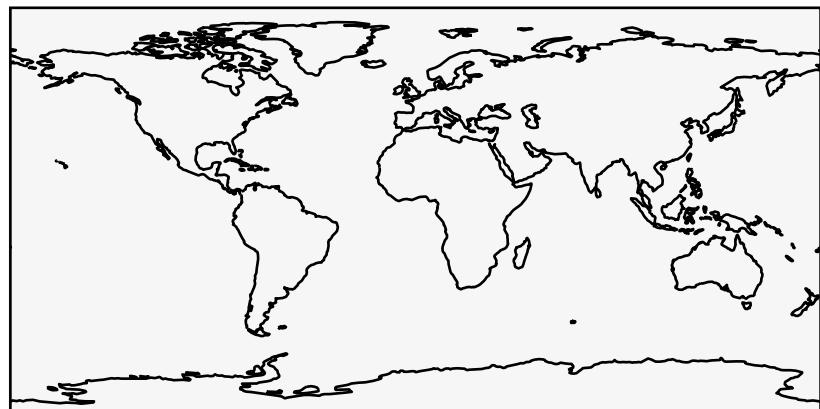
Zero throughout domain
kg/m²/s

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



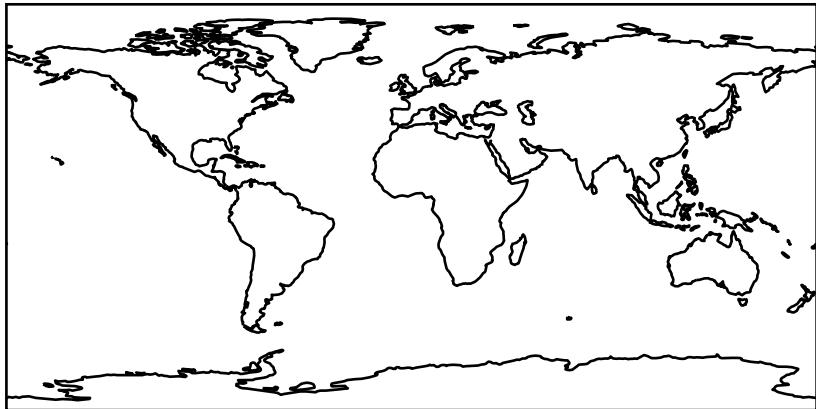
Zero throughout domain
kg/m²/s

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



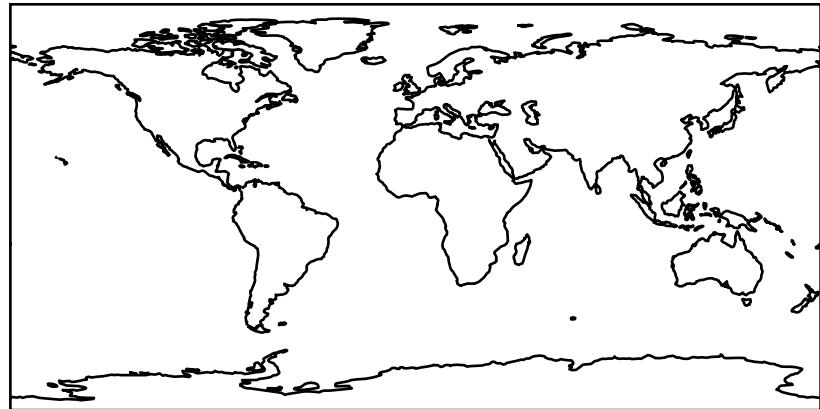
Zero throughout domain
kg/m²/s

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



Undefined throughout domain
unitless

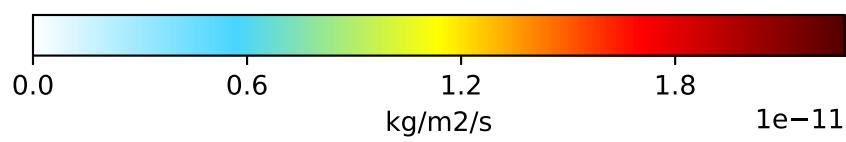
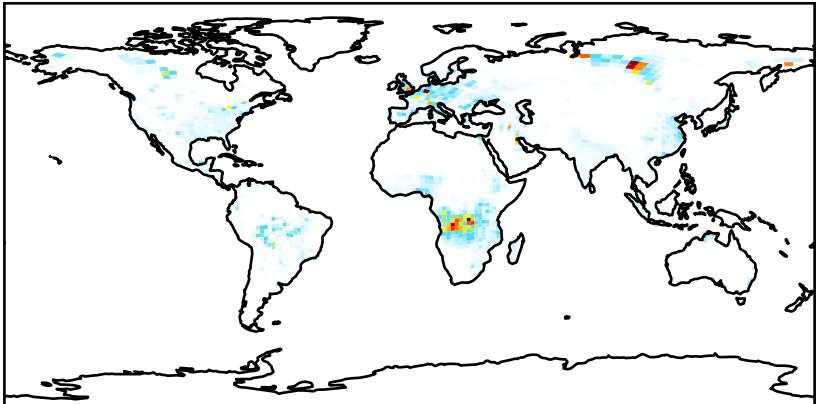
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



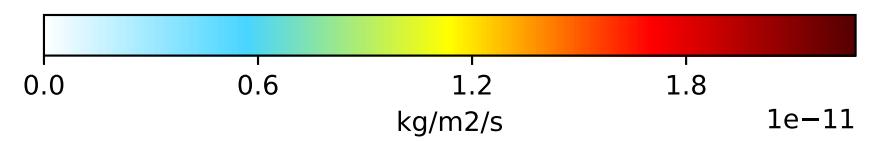
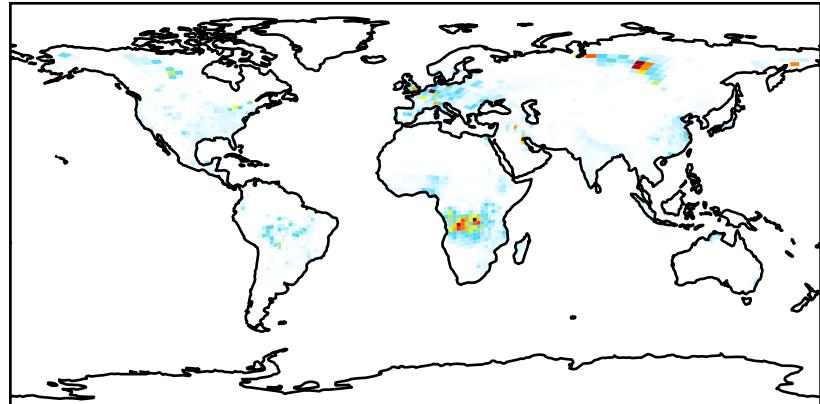
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EmisMEK_Total

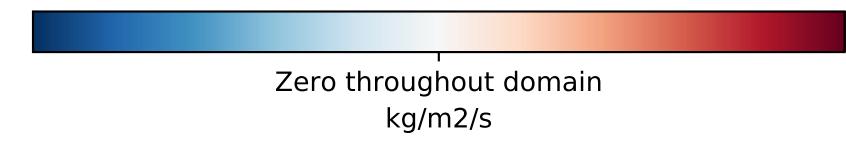
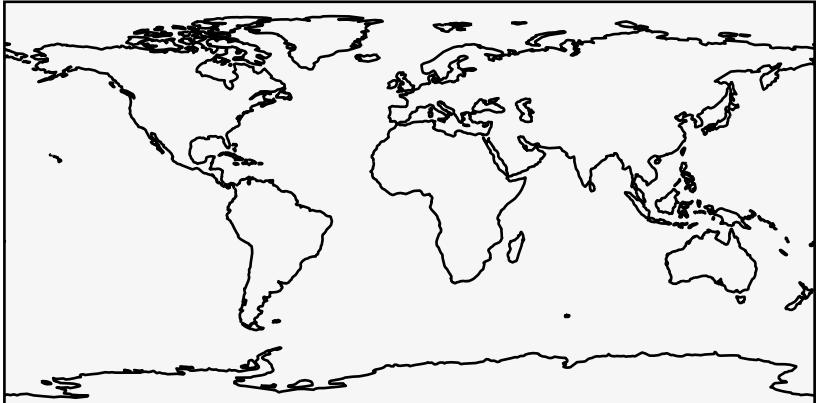
GCHP_12.7.0 (Ref)
c48



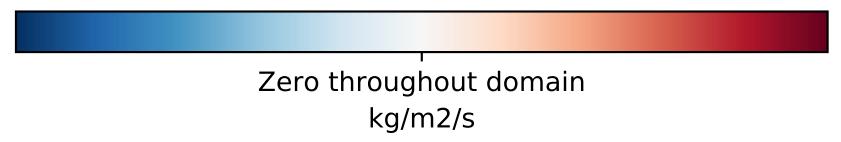
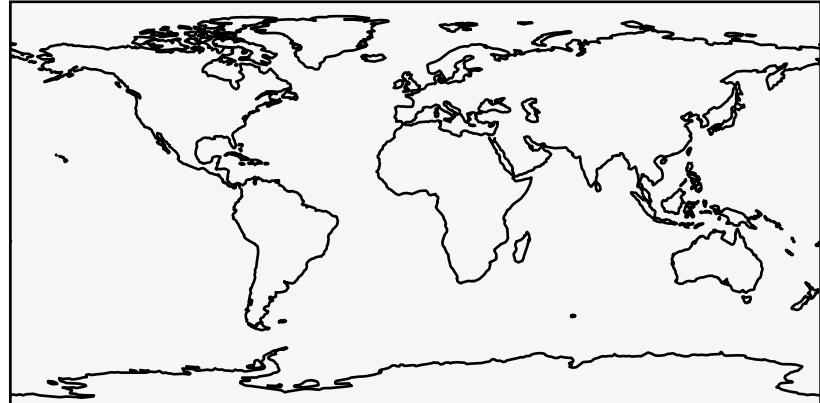
GCHP_12.8.0 (Dev)
c48



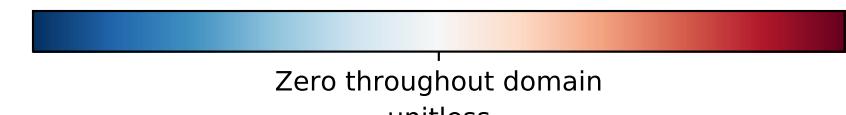
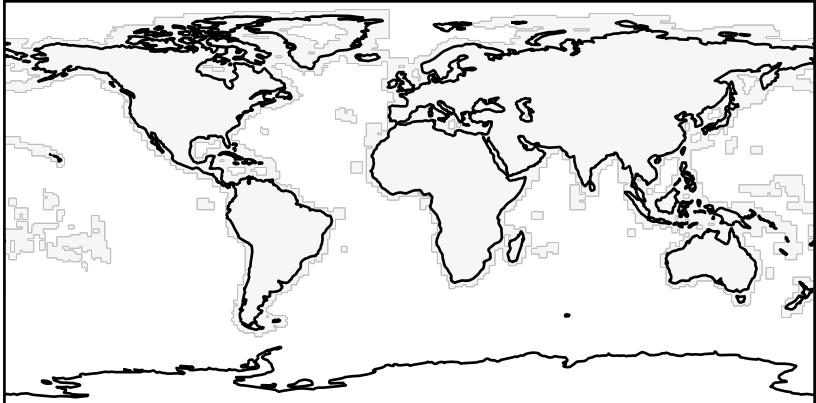
Difference (1x1.25)
Dev - Ref, Dynamic Range



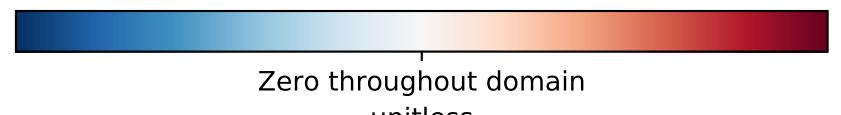
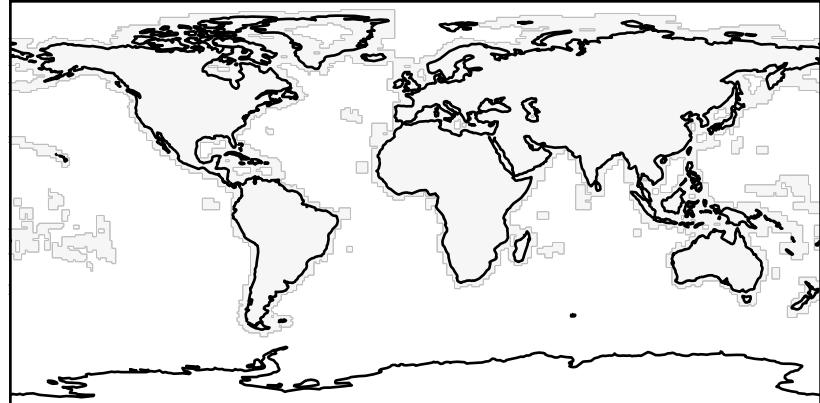
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



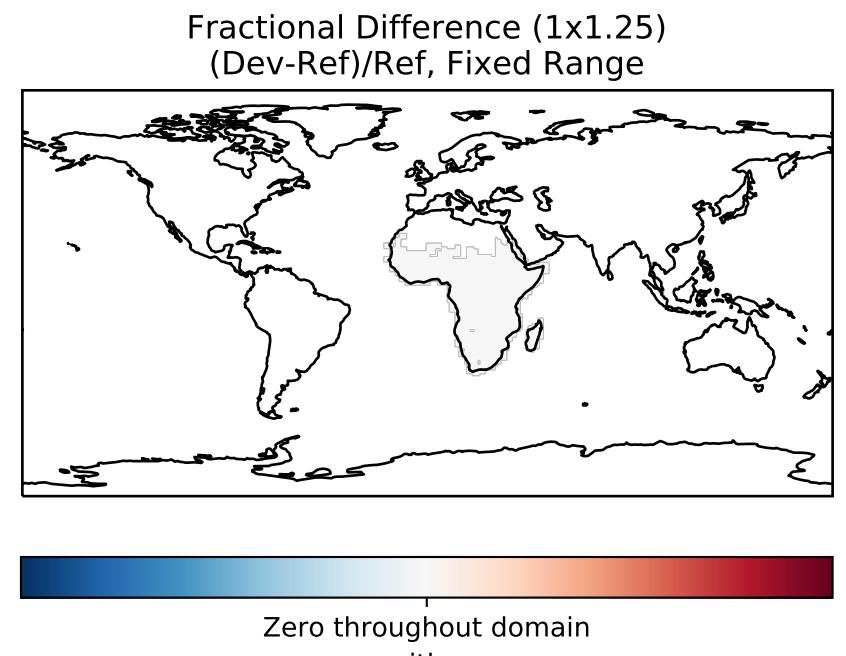
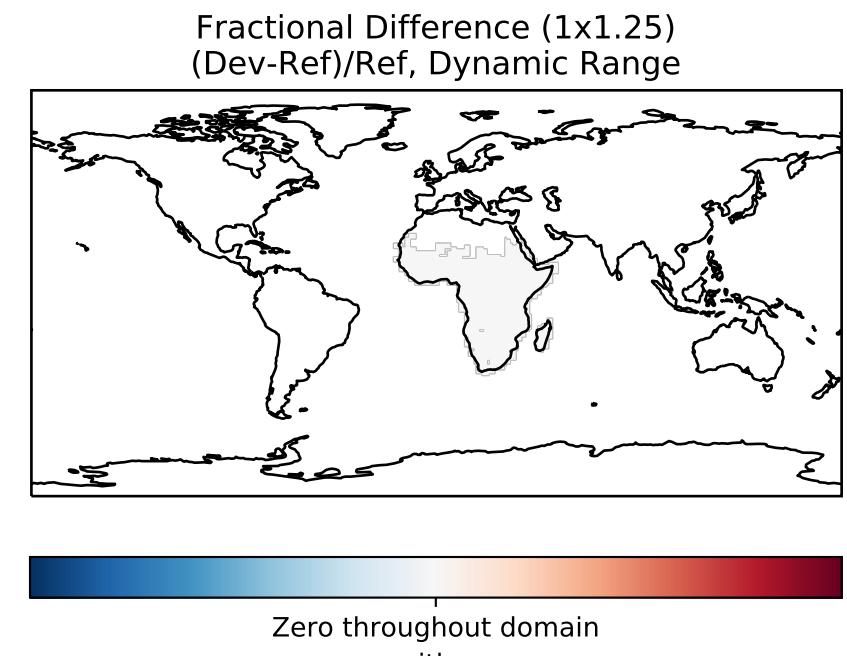
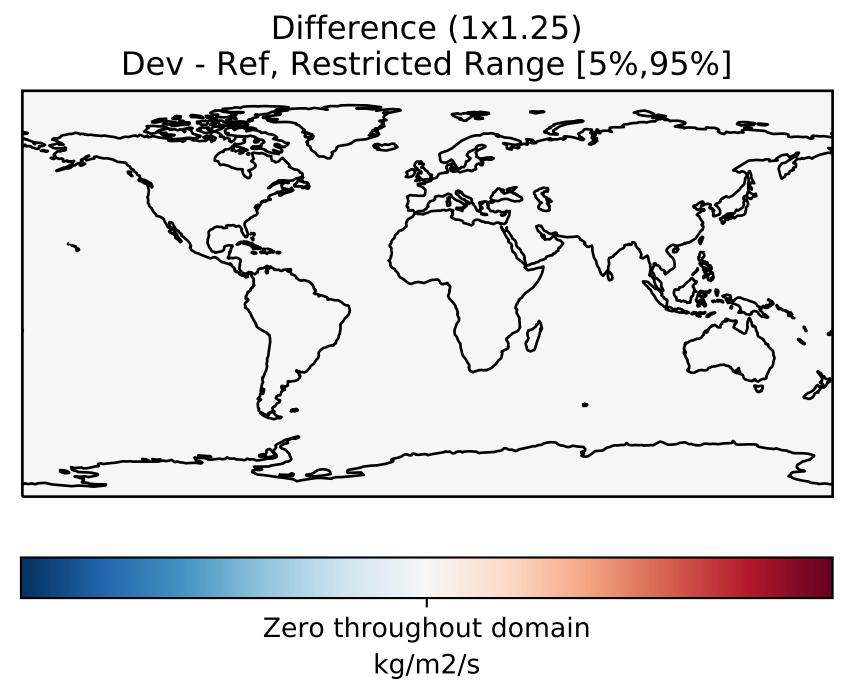
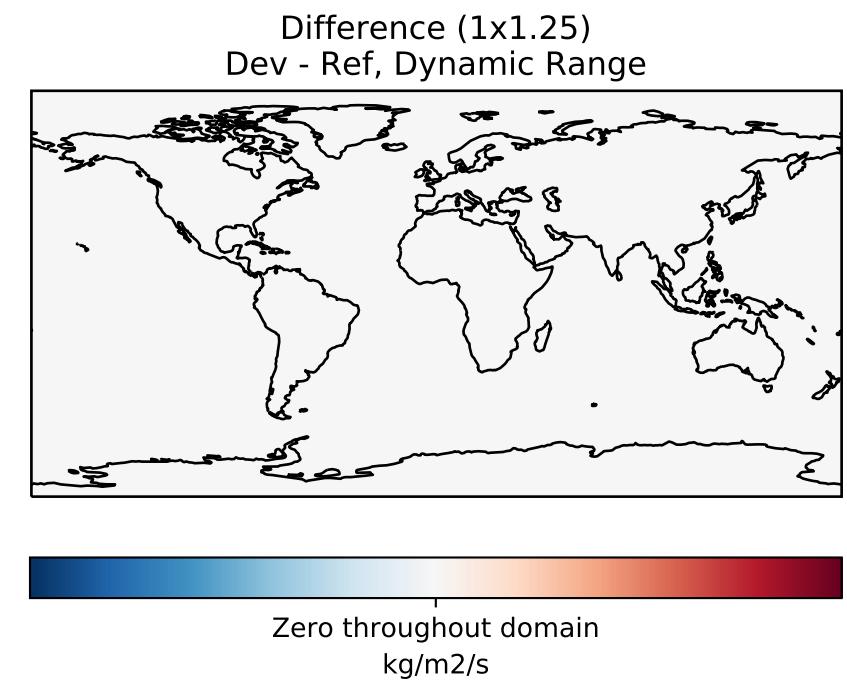
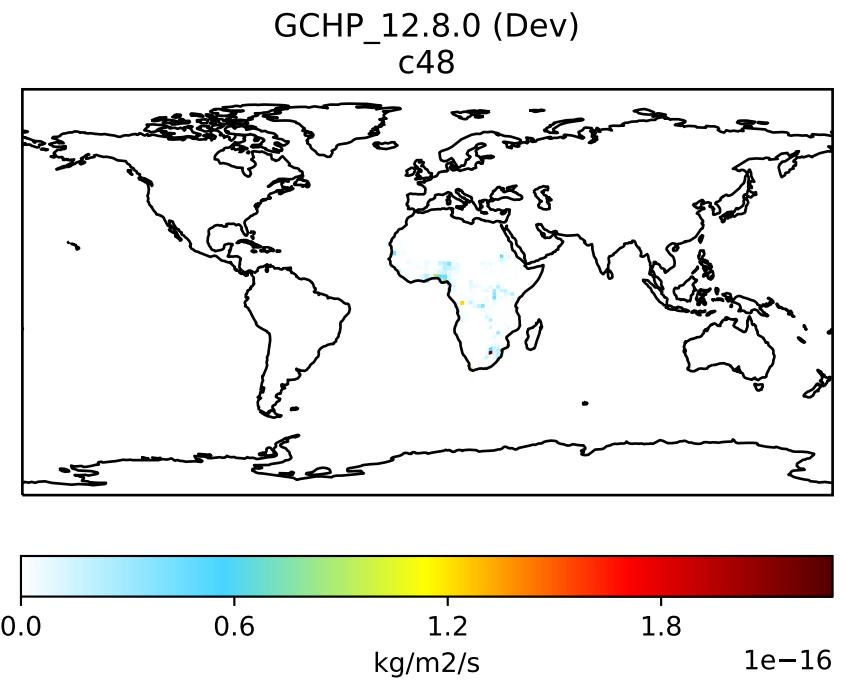
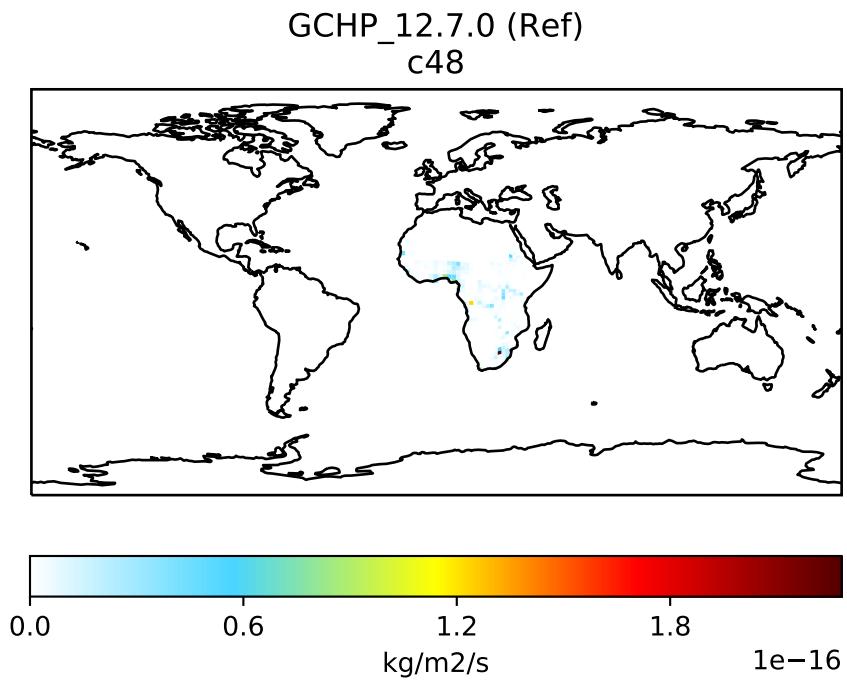
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



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

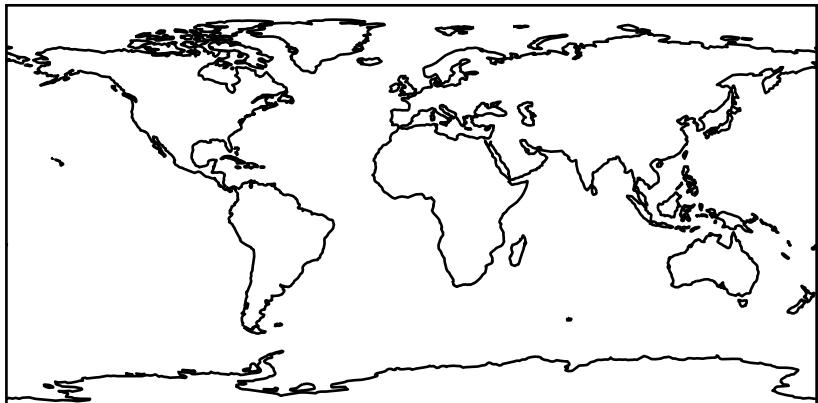


EmisMVK_Anthro



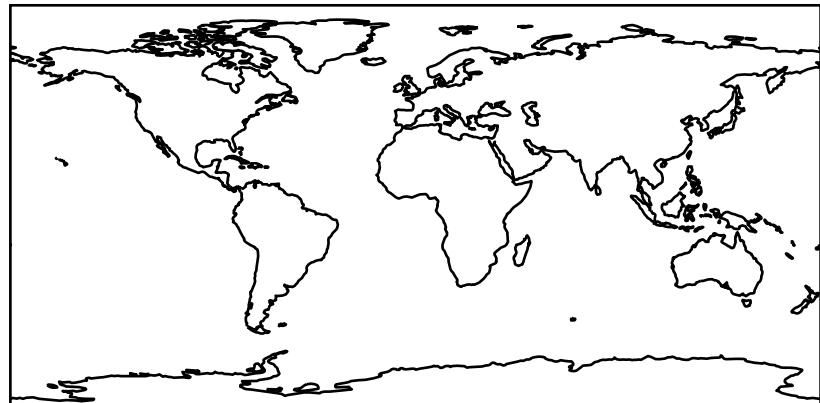
EmisGLYX_Anthro

GCHP_12.7.0 (Ref)
c48



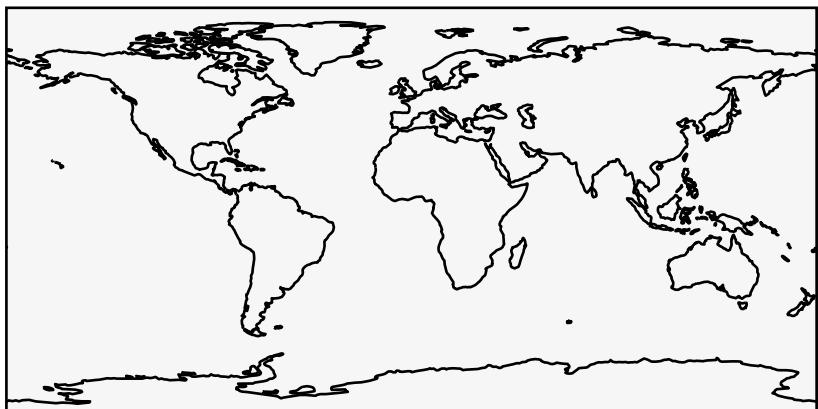
Zero throughout domain
kg/m²/s

GCHP_12.8.0 (Dev)
c48



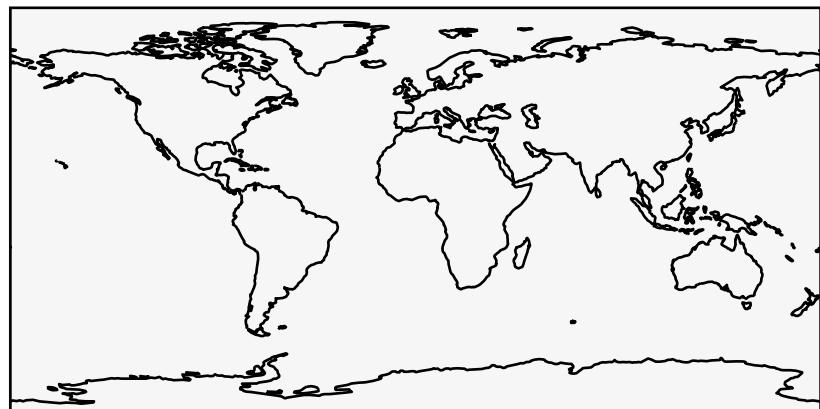
Zero throughout domain
kg/m²/s

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



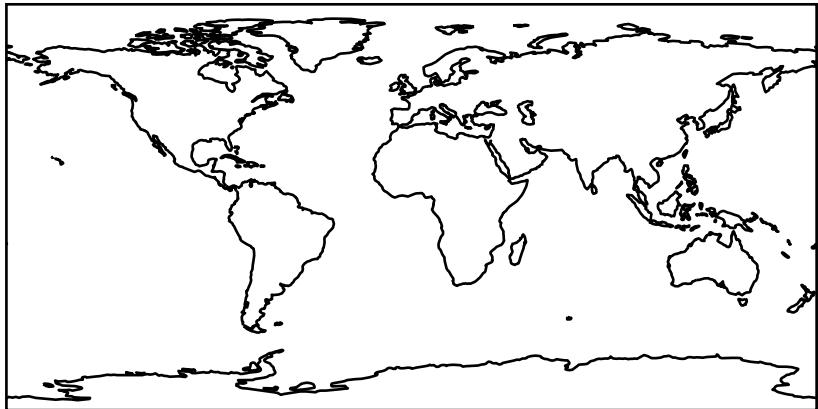
Zero throughout domain
kg/m²/s

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



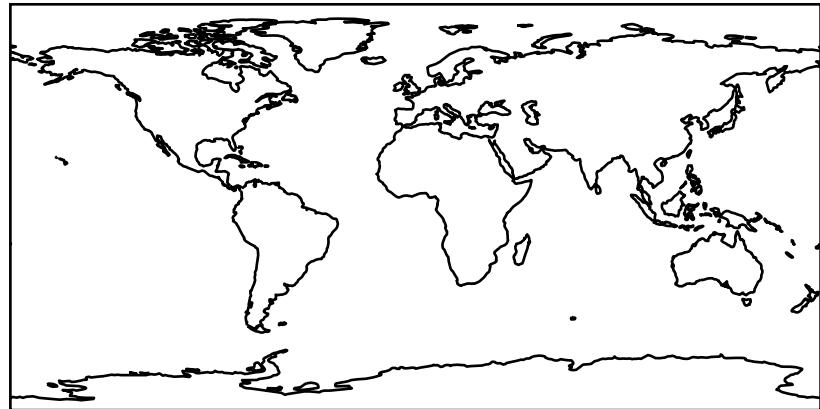
Zero throughout domain
kg/m²/s

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



Undefined throughout domain
unitless

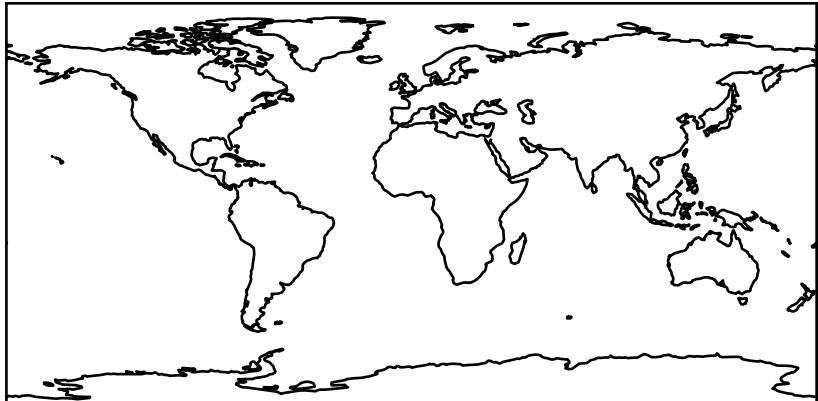
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



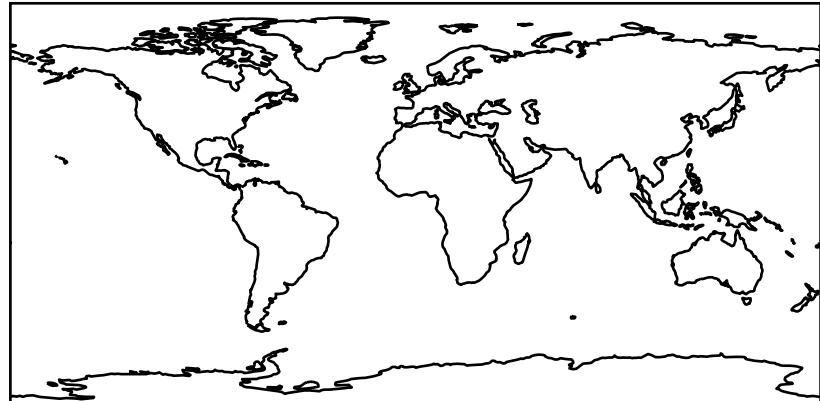
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EmisGLYX_Total

GCHP_12.7.0 (Ref)
c48



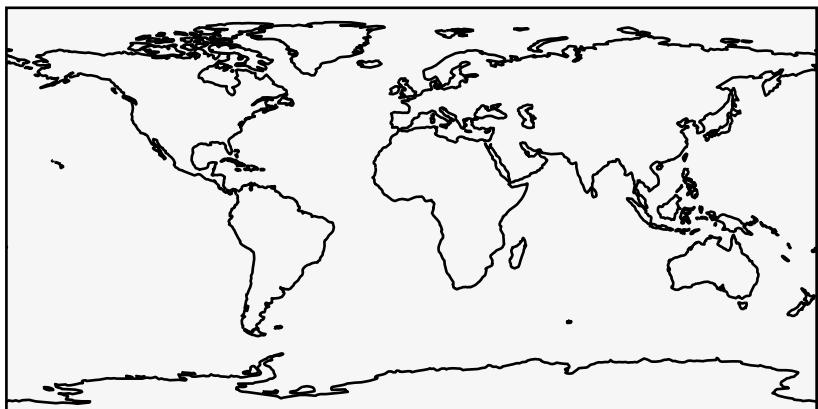
GCHP_12.8.0 (Dev)
c48



Zero throughout domain
kg/m²/s

Zero throughout domain
kg/m²/s

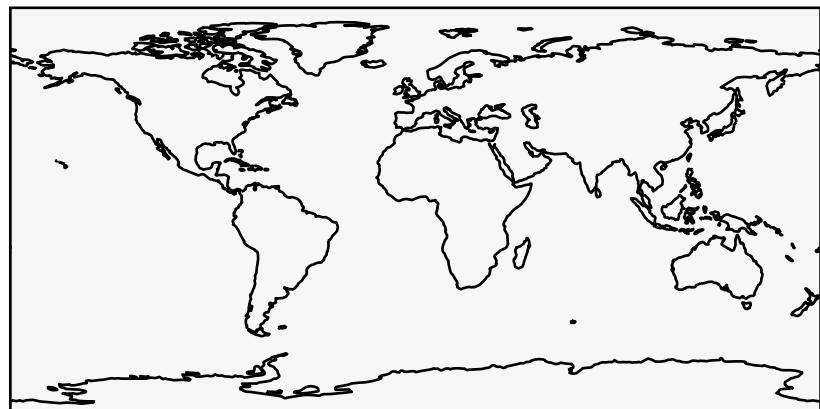
Difference (1x1.25)
Dev - Ref, Dynamic Range



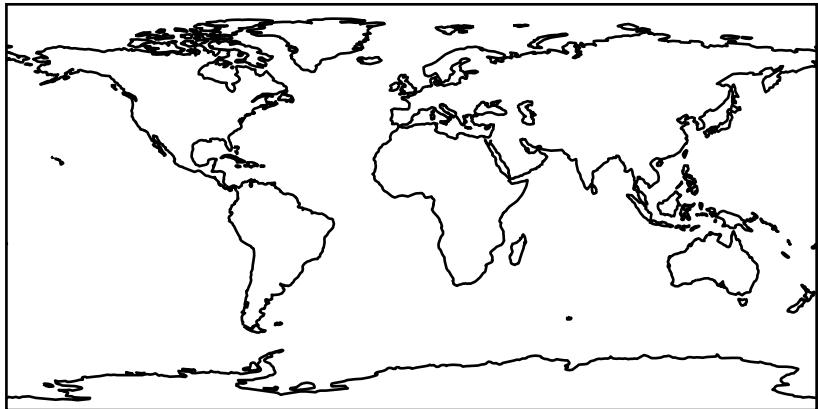
Zero throughout domain
kg/m²/s

Zero throughout domain
kg/m²/s

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

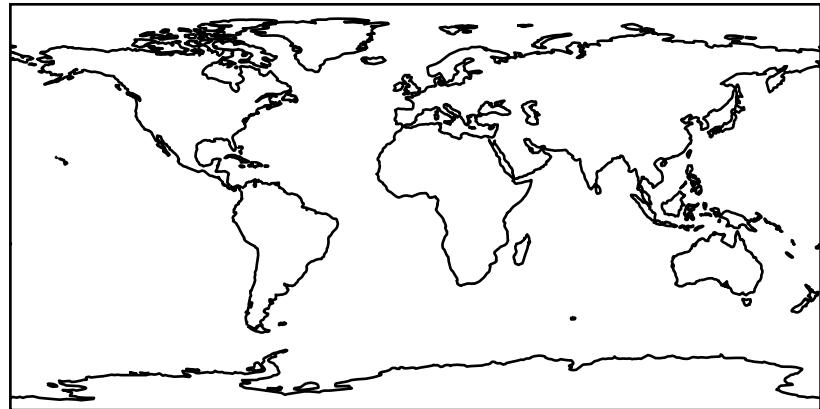


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



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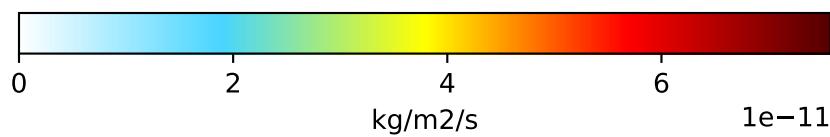
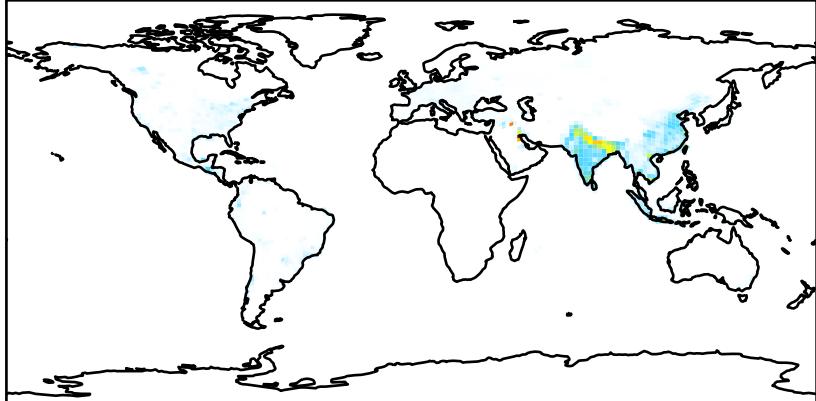
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



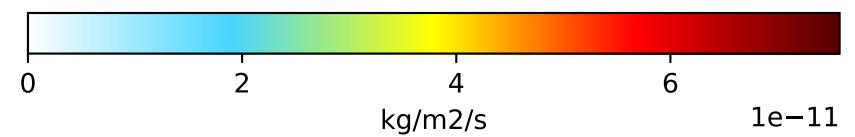
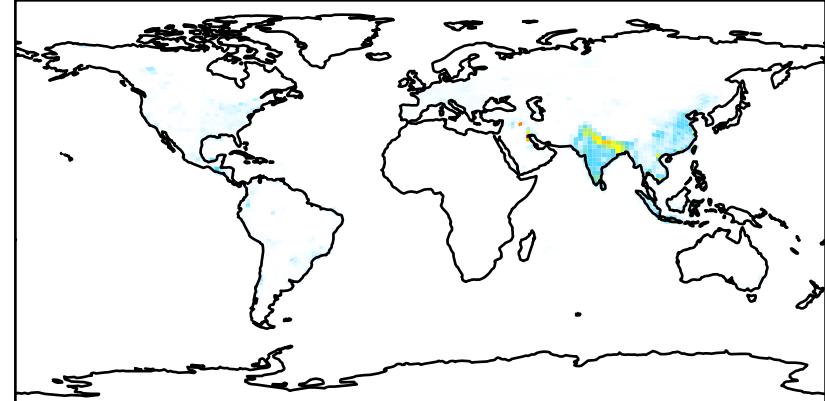
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EmisHCOOH_Anthro

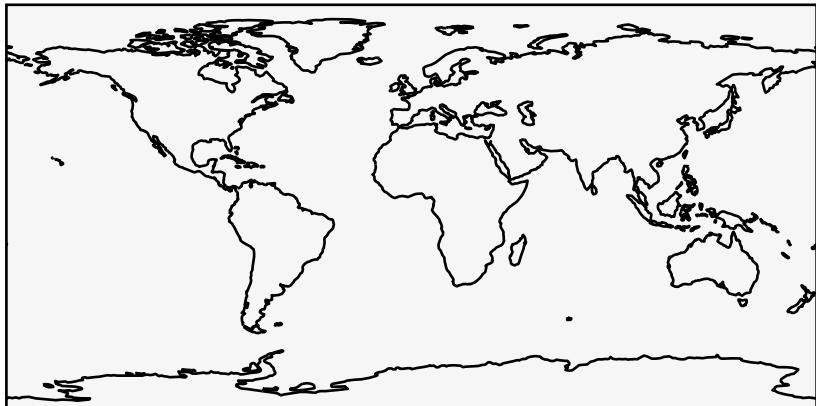
GCHP_12.7.0 (Ref)
c48



GCHP_12.8.0 (Dev)
c48

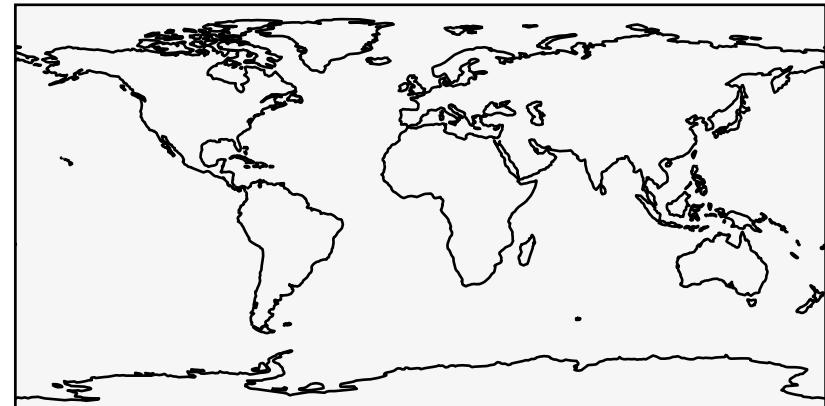


Difference (1x1.25)
Dev - Ref, Dynamic Range



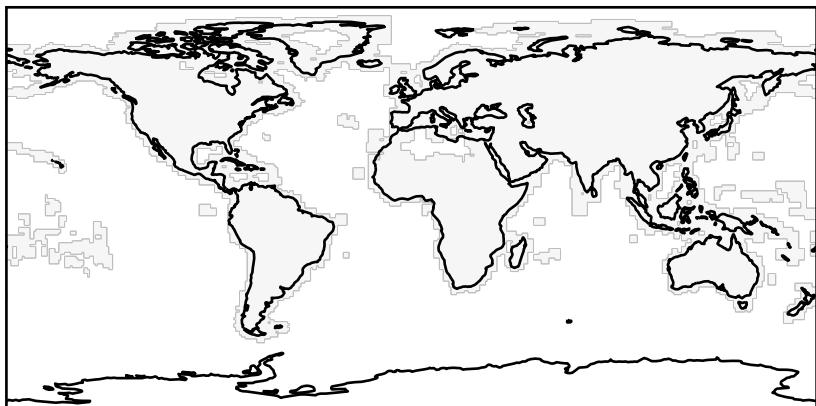
Zero throughout domain
kg/m²/s

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



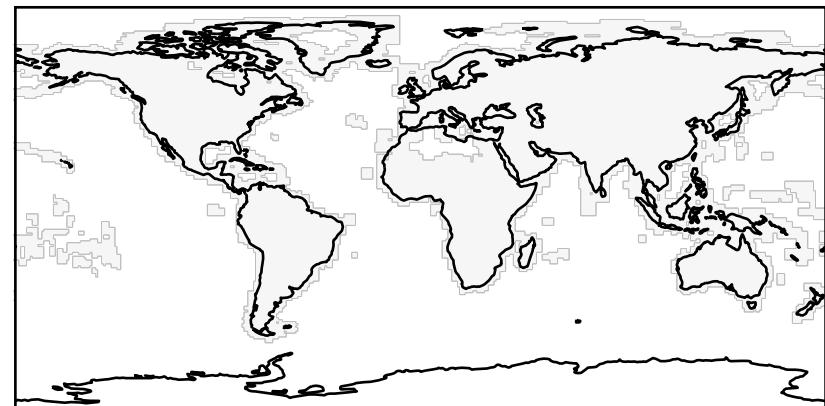
Zero throughout domain
kg/m²/s

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



Zero throughout domain
unitless

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



Zero throughout domain
unitless

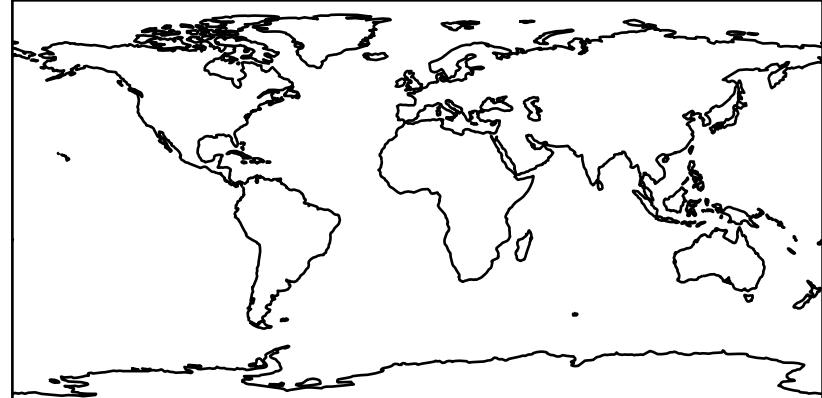
EmisHCOOH_Ship

GCHP_12.7.0 (Ref)
c48



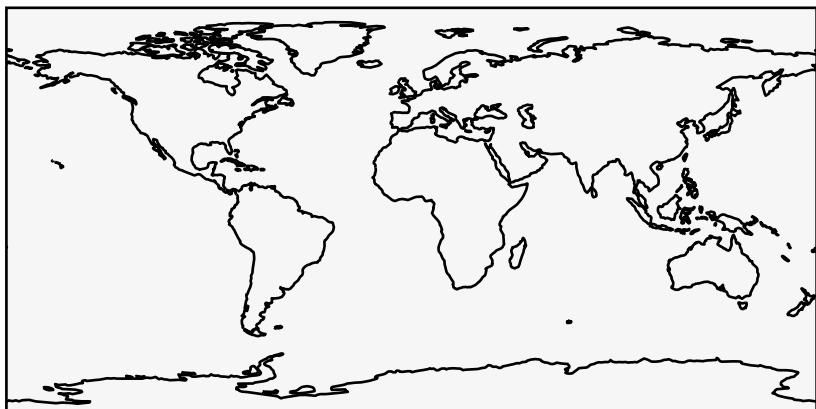
Zero throughout domain
kg/m²/s

GCHP_12.8.0 (Dev)
c48



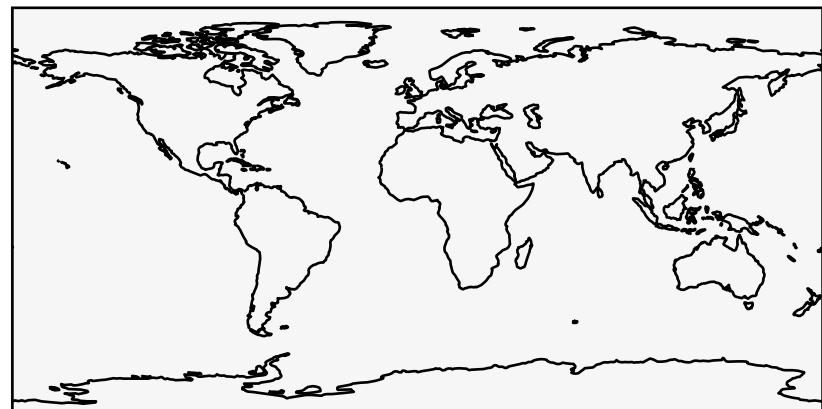
Zero throughout domain
kg/m²/s

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



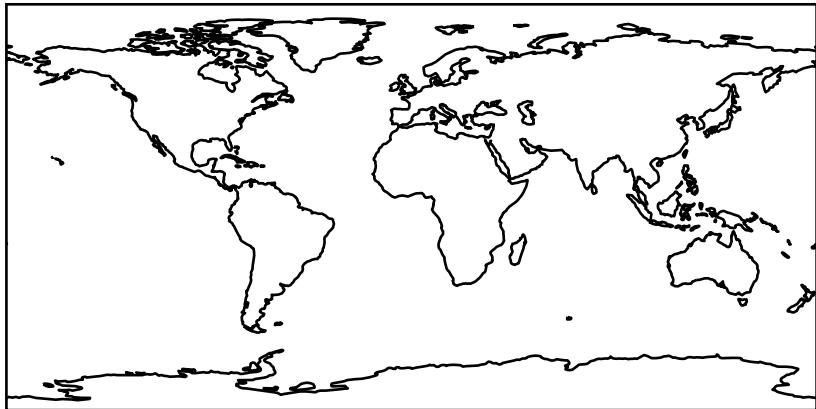
Zero throughout domain
kg/m²/s

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



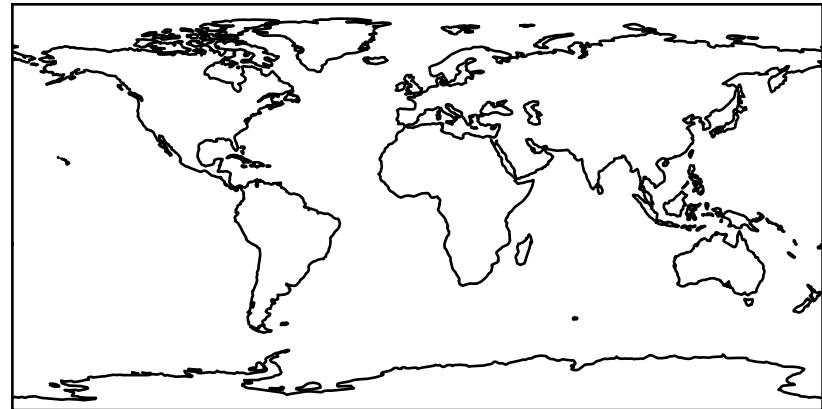
Zero throughout domain
kg/m²/s

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



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unitless

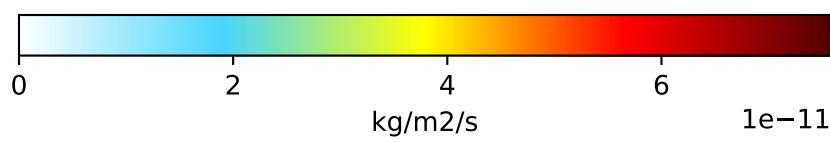
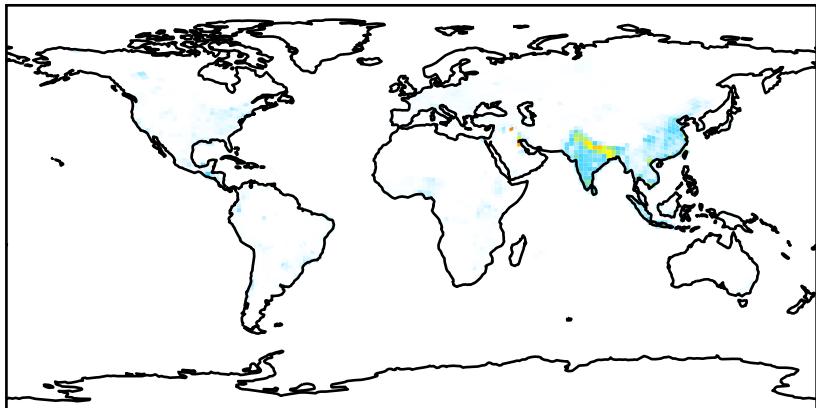
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



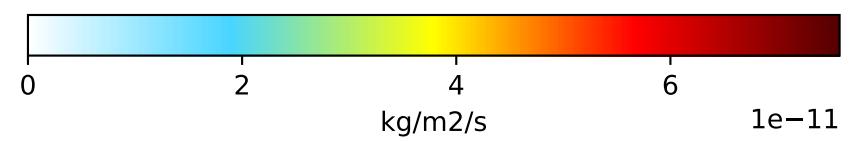
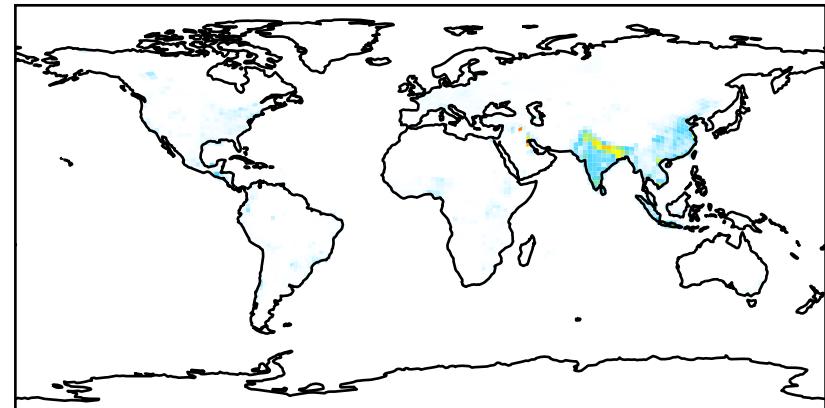
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EmisHCOOH_Total

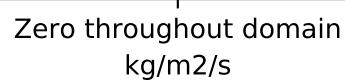
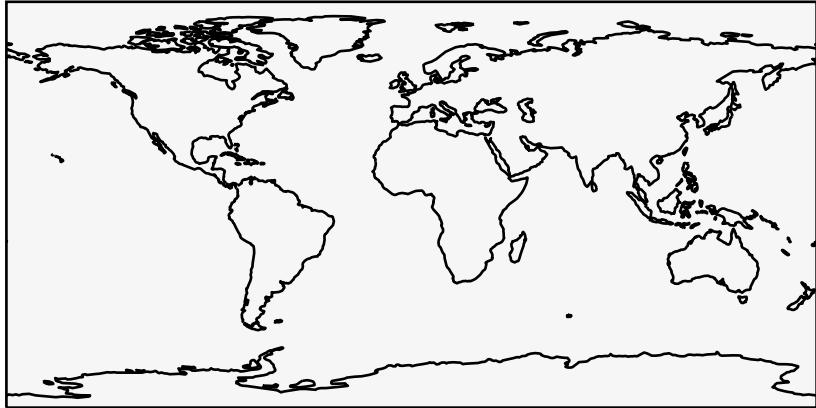
GCHP_12.7.0 (Ref)
c48



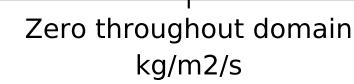
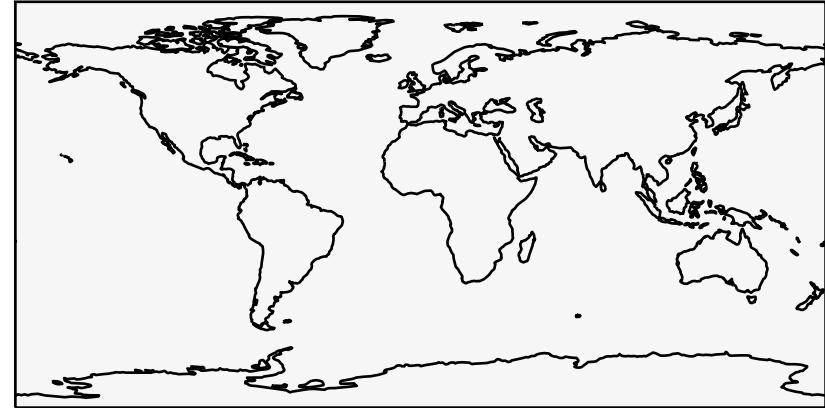
GCHP_12.8.0 (Dev)
c48



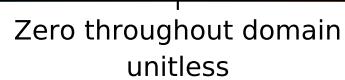
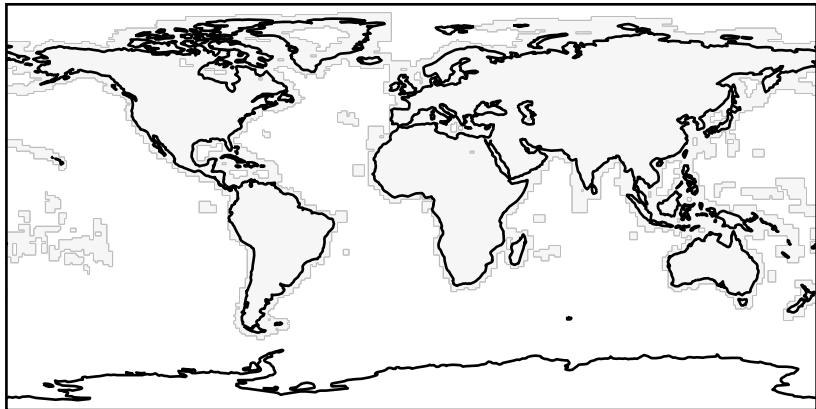
Difference (1x1.25)
Dev - Ref, Dynamic Range



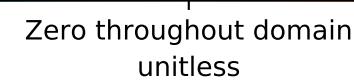
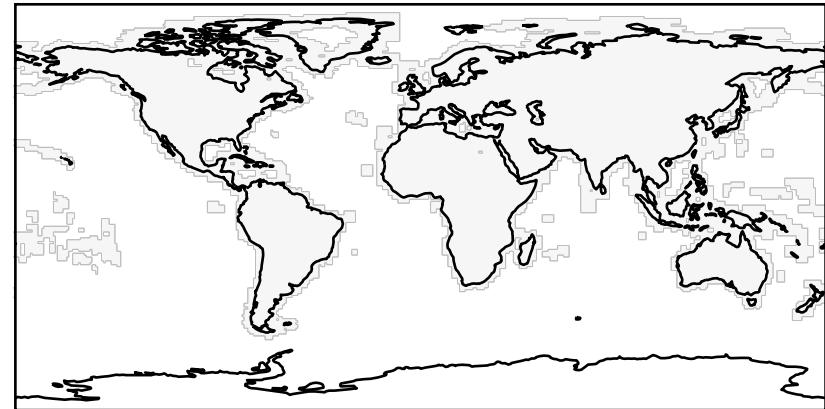
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



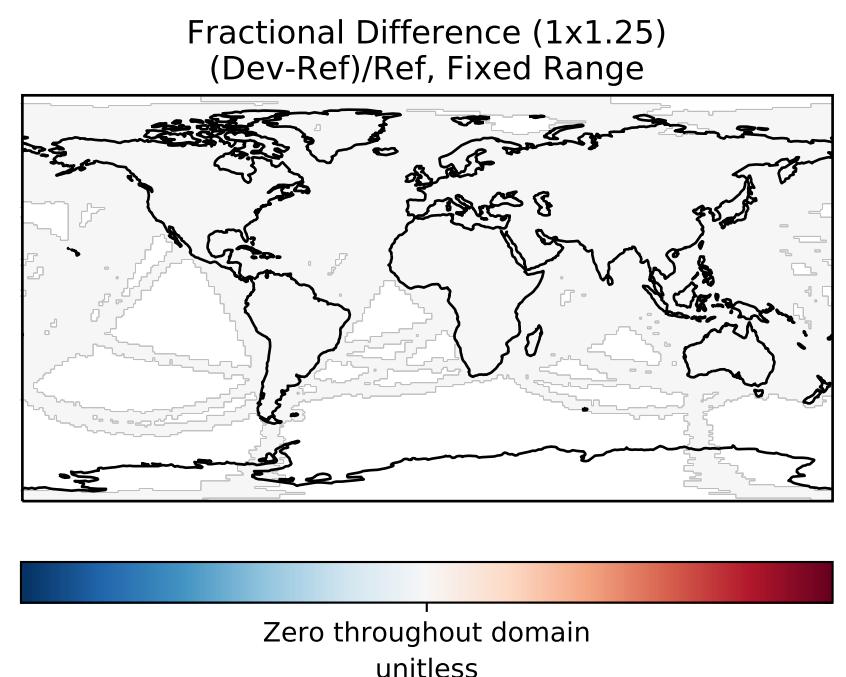
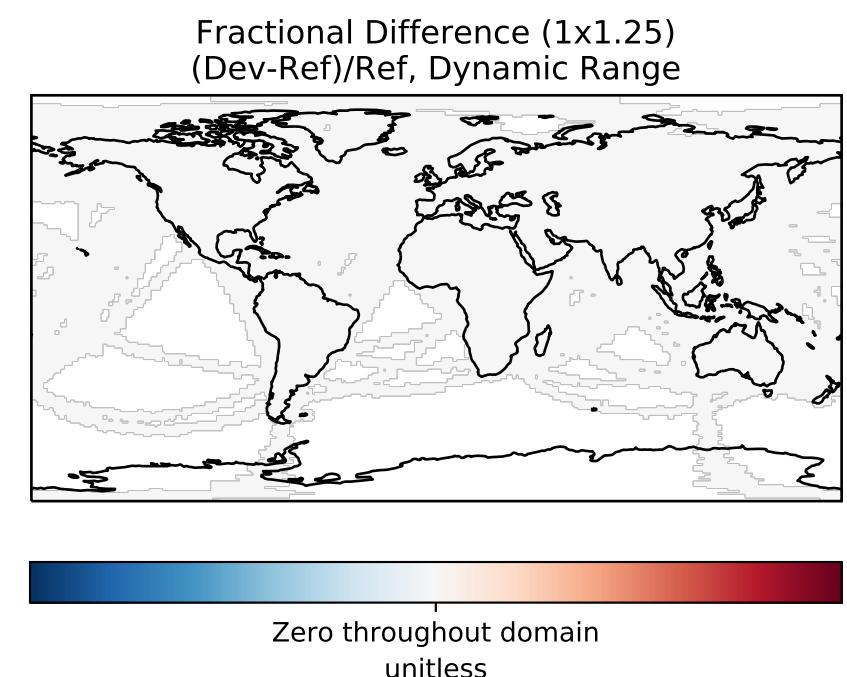
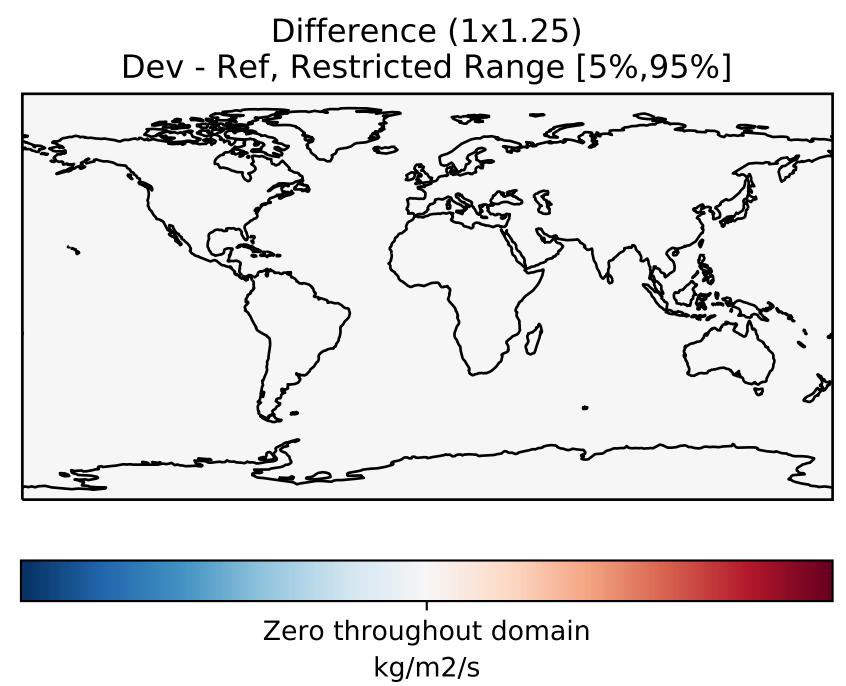
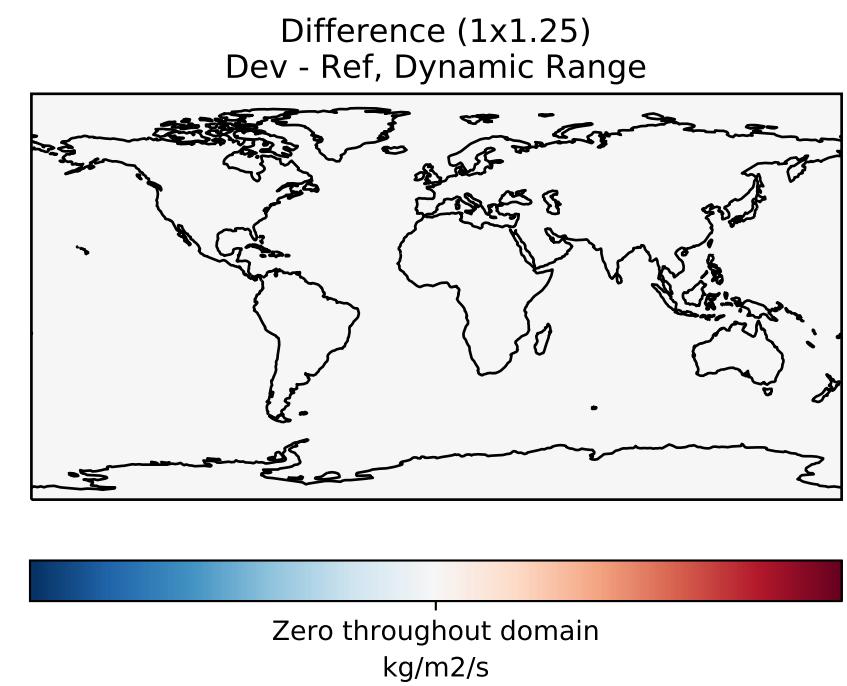
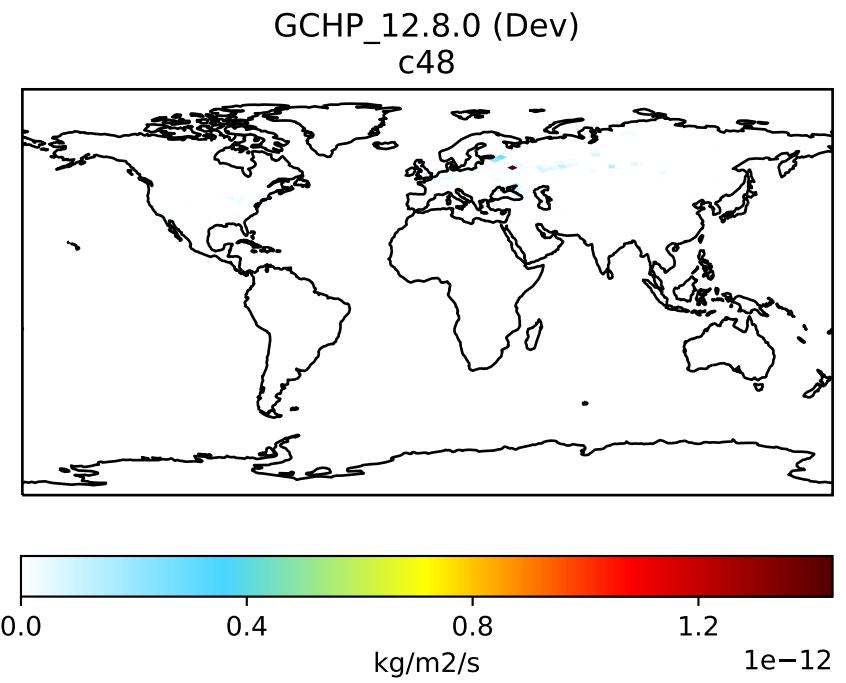
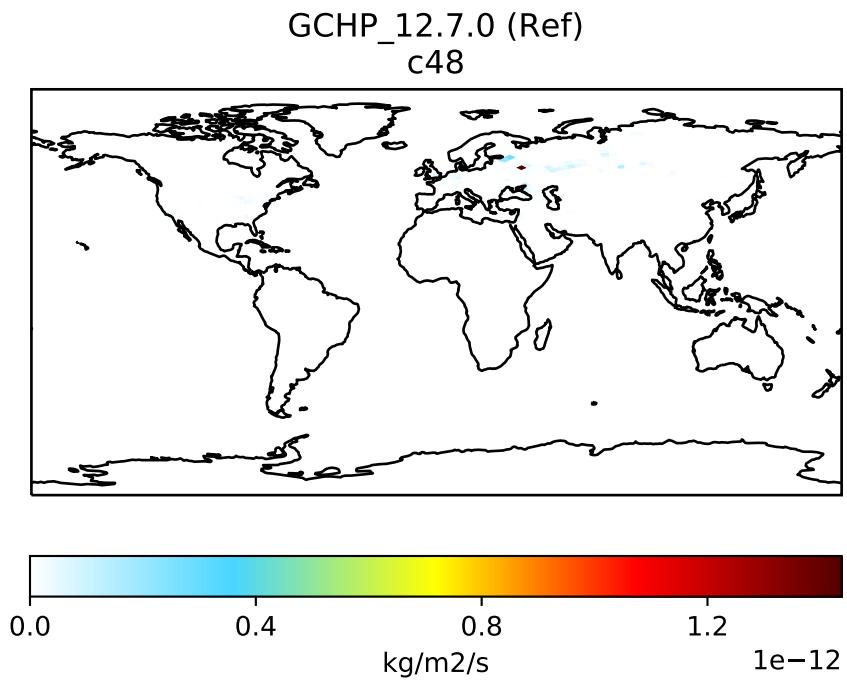
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



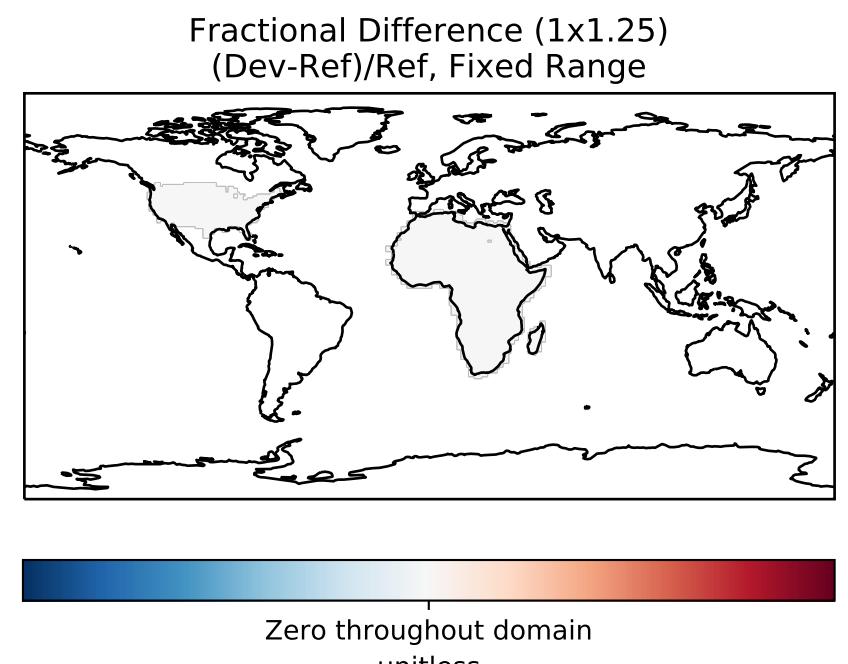
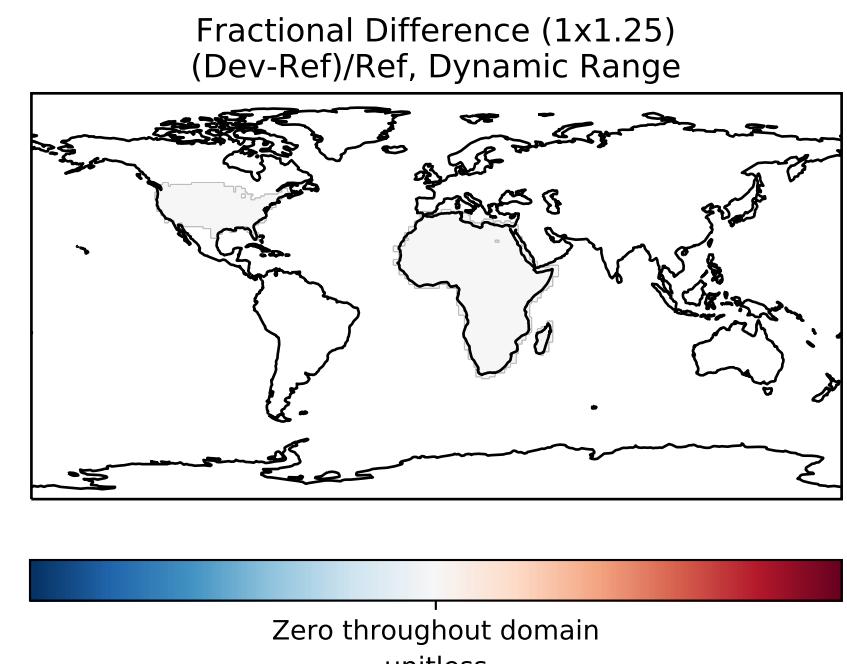
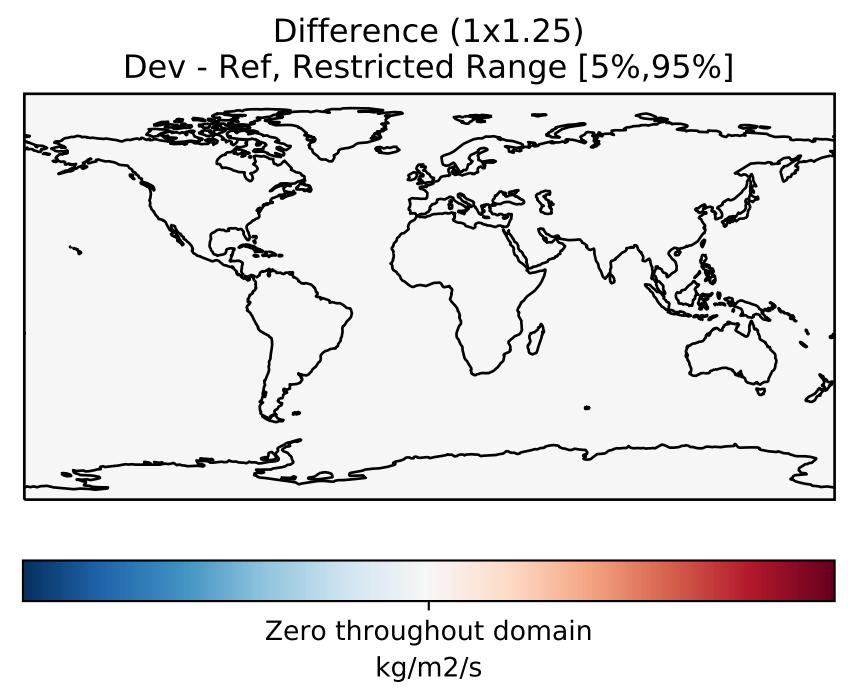
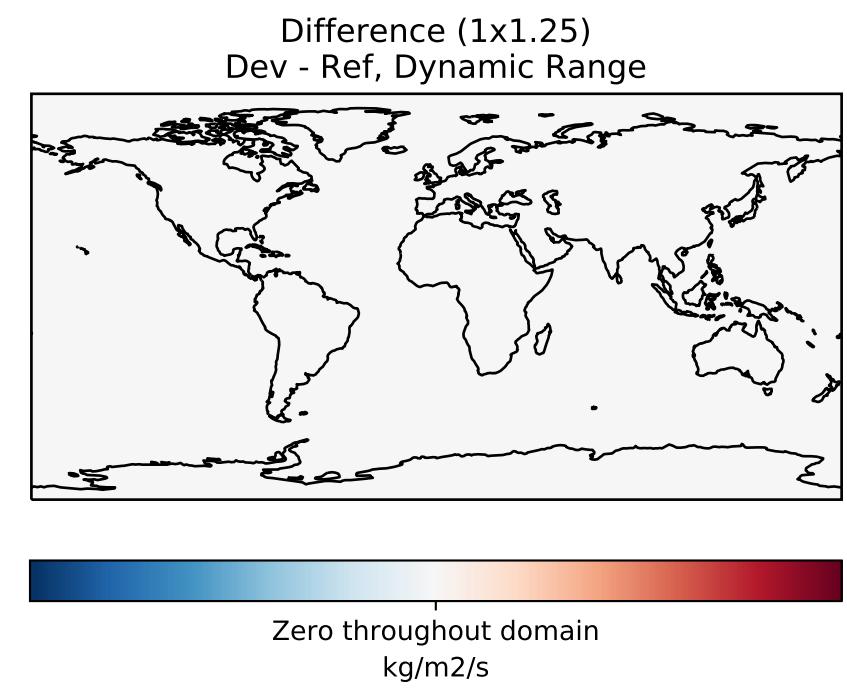
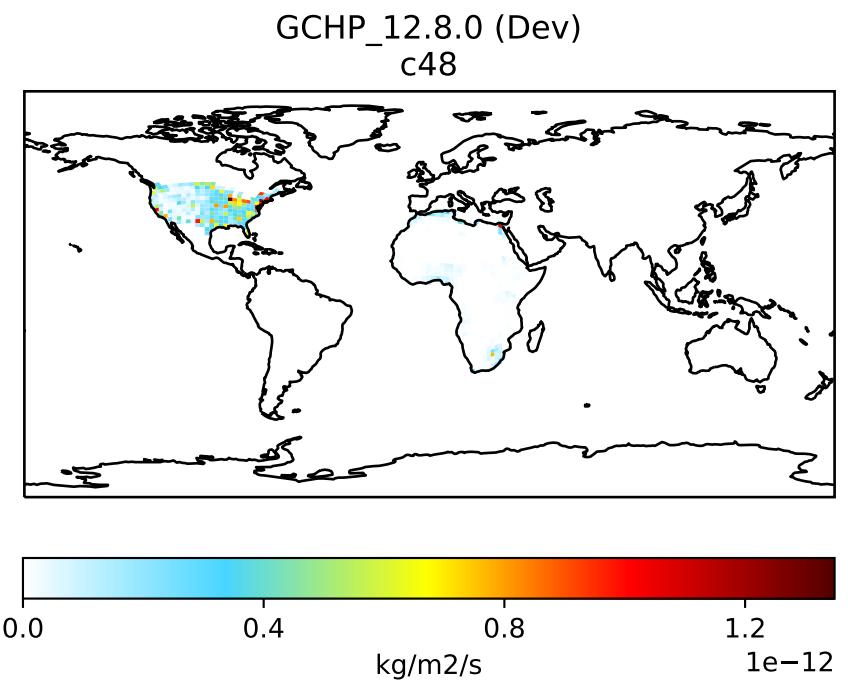
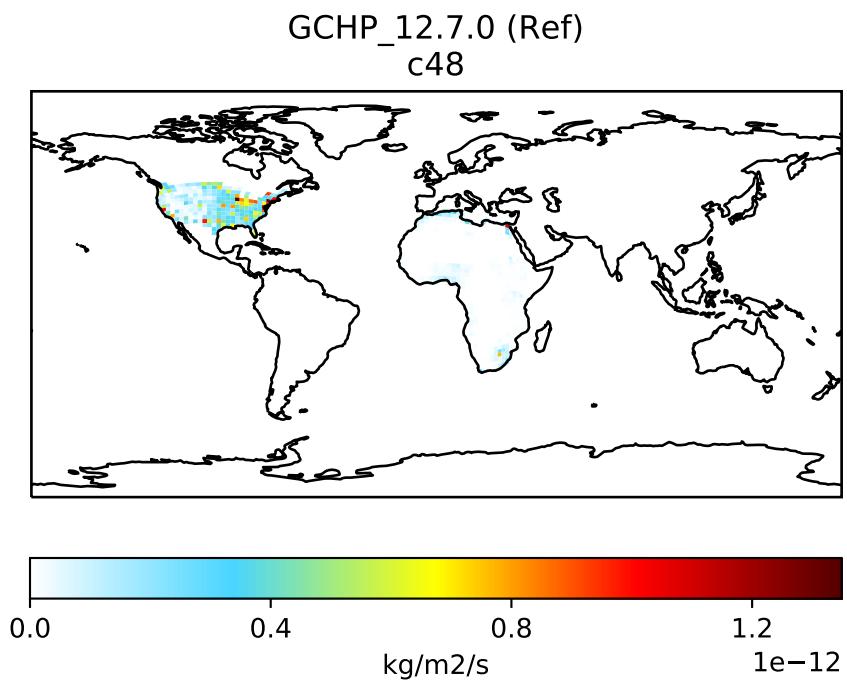
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



EmisRCHO_Aircraft



EmisRCHO_Anthro



EmisRCHO_Total

