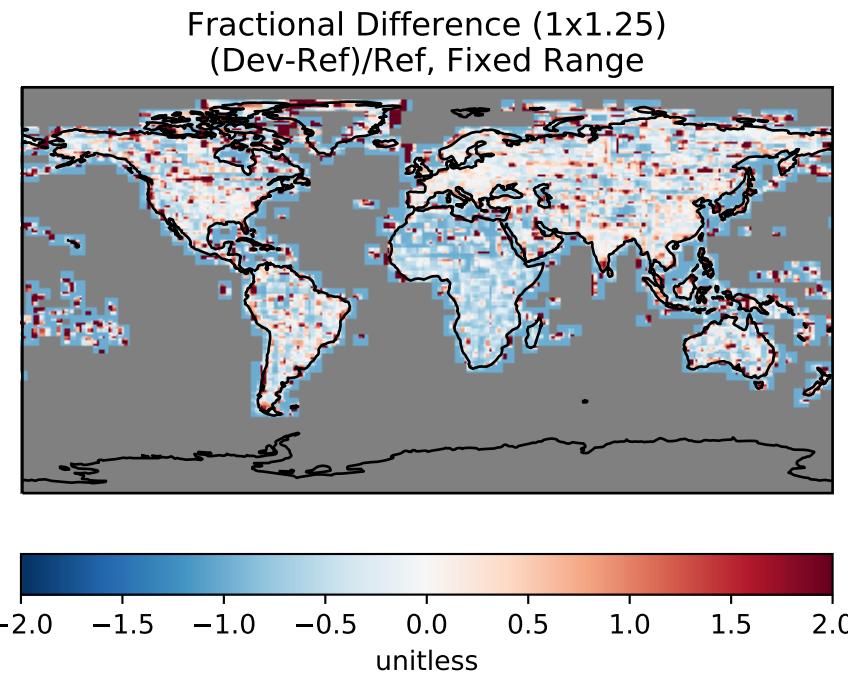
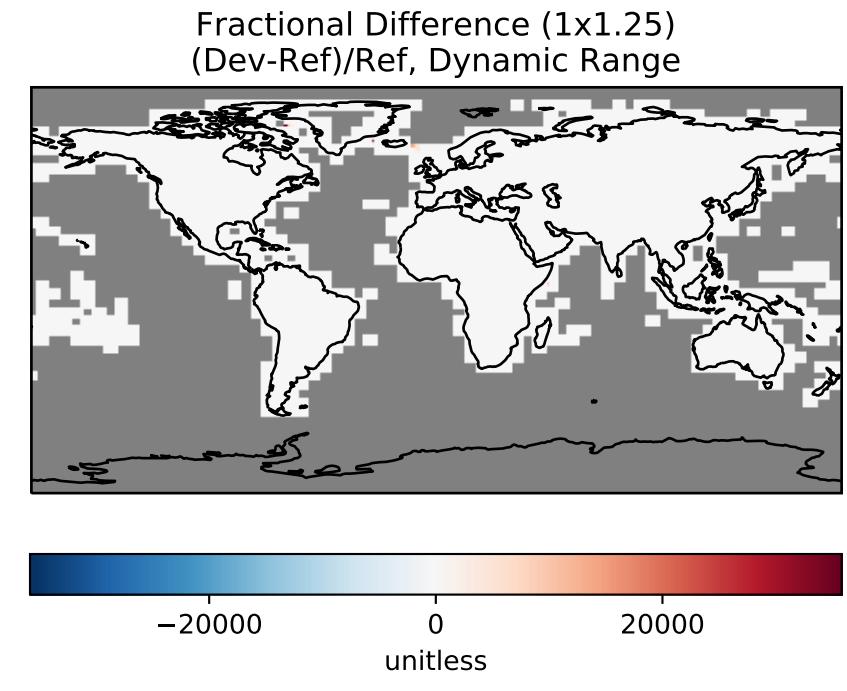
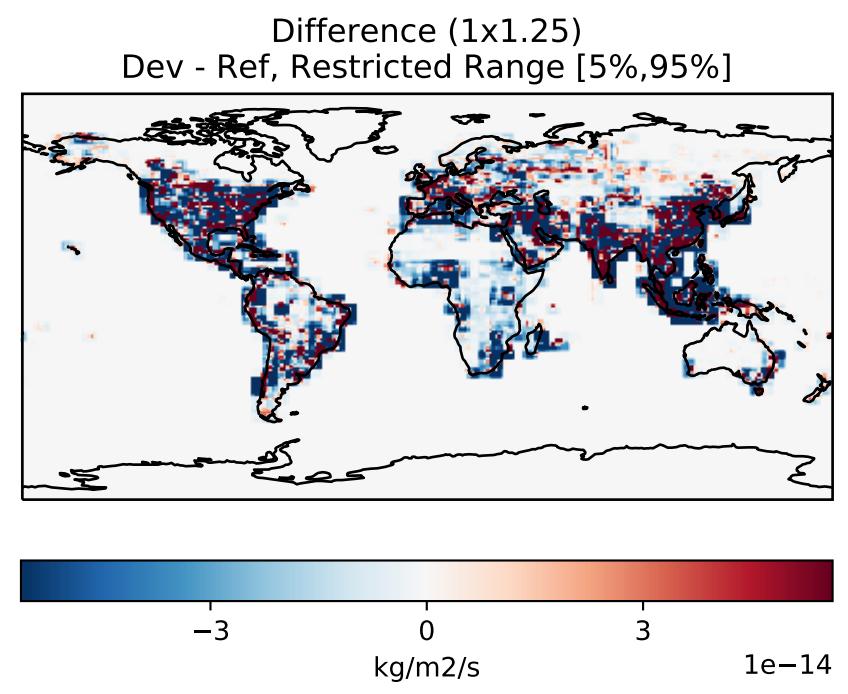
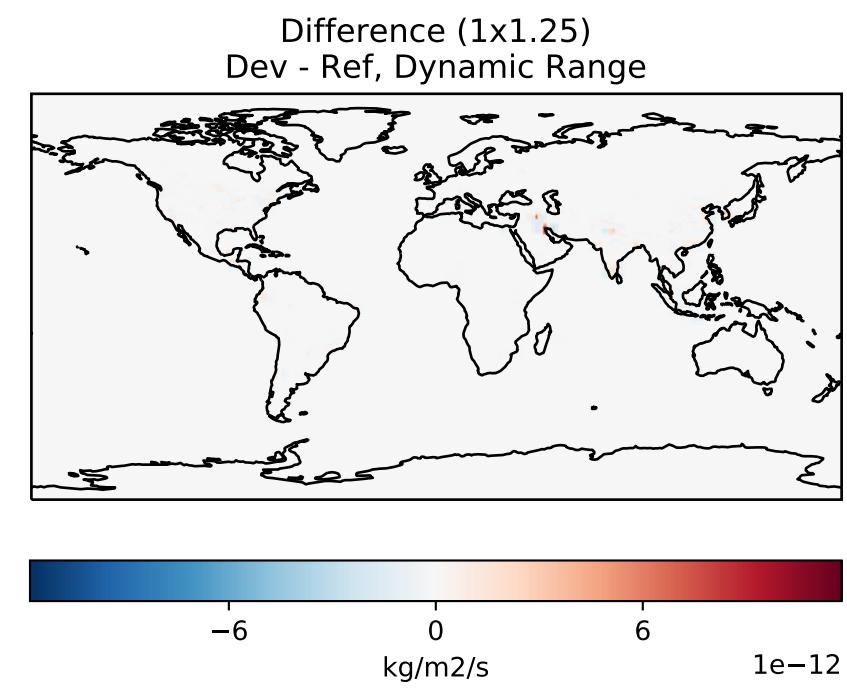
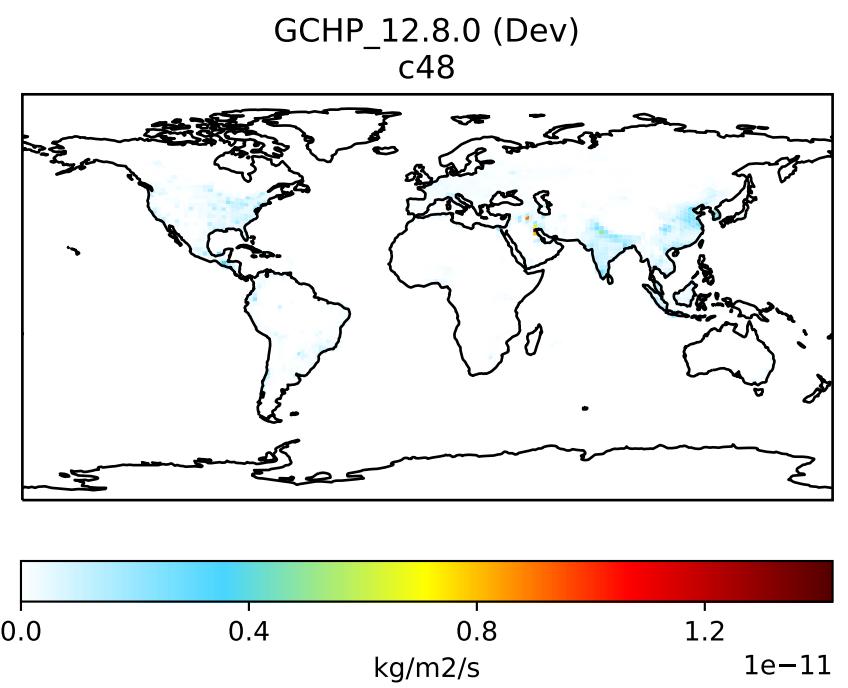
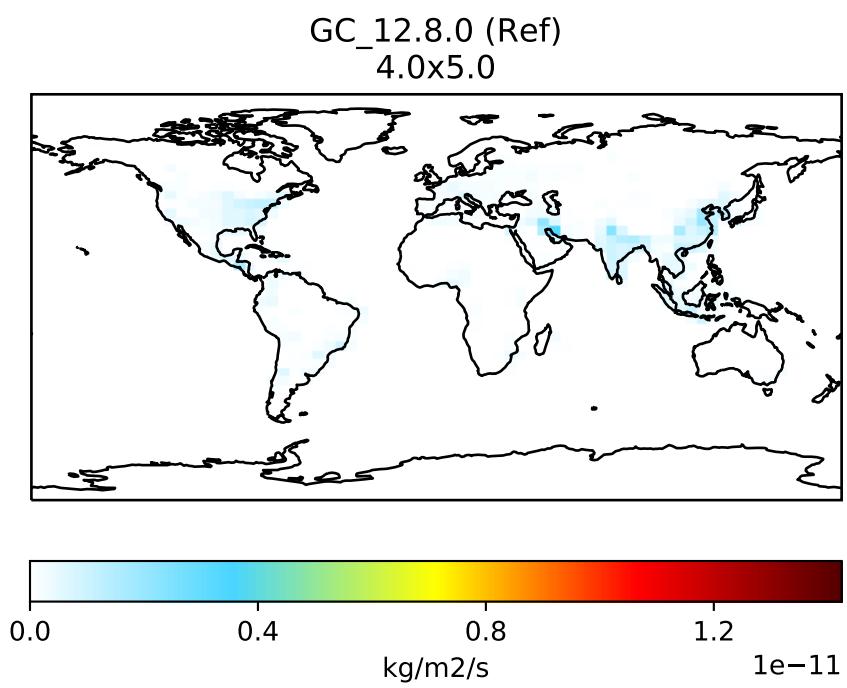
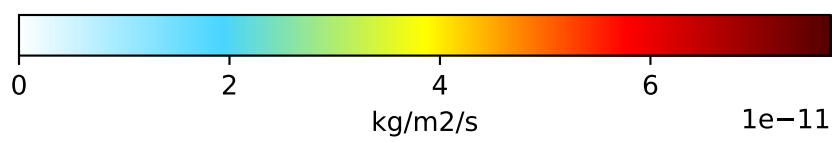
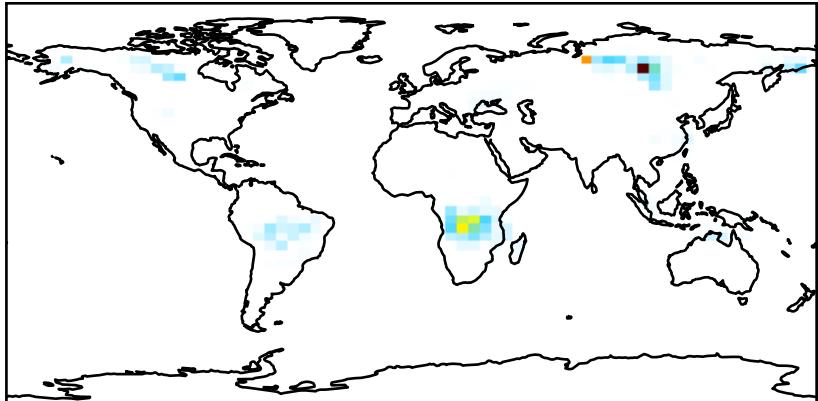


# EmisALD2\_Anthro

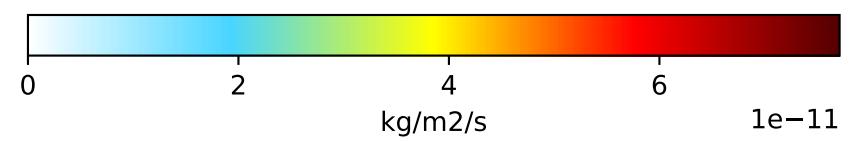
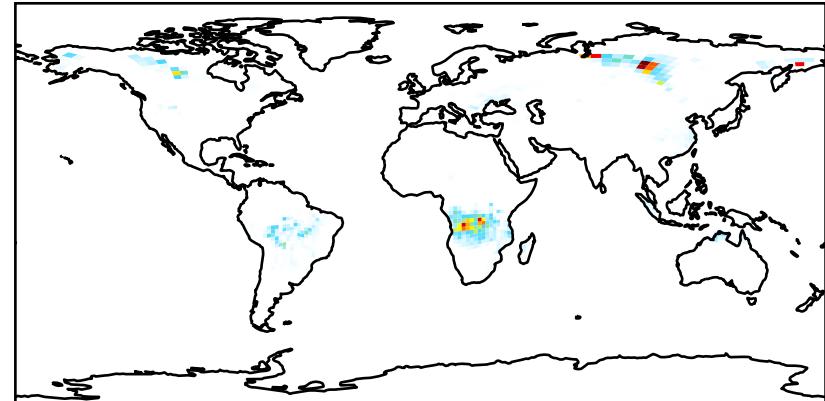


# EmisALD2\_BioBurn

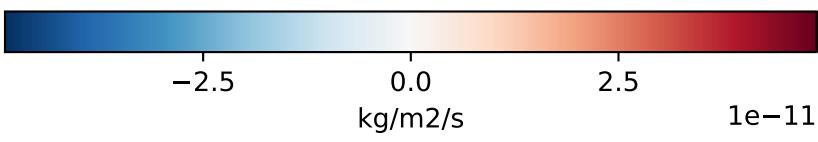
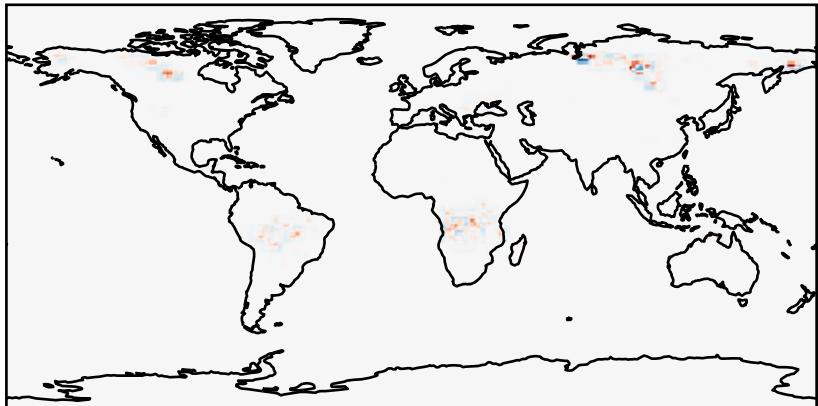
GC\_12.8.0 (Ref)  
4.0x5.0



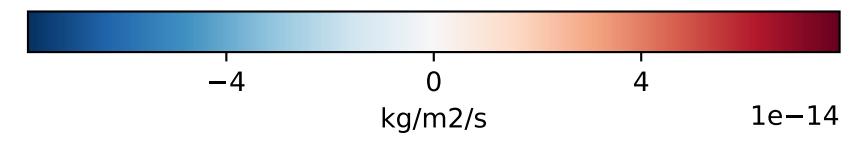
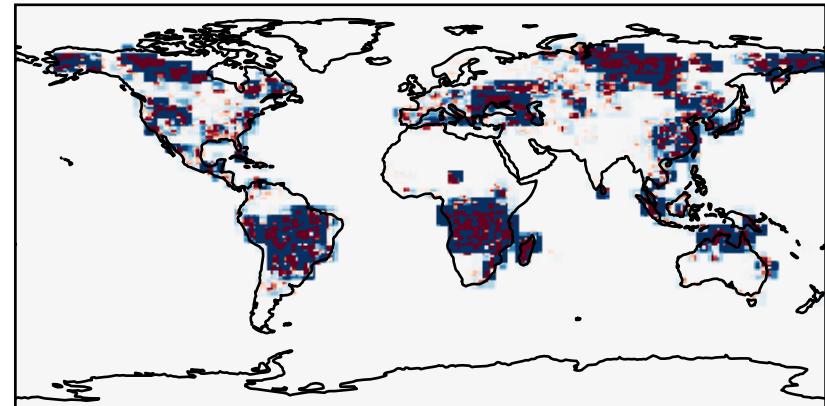
GCHP\_12.8.0 (Dev)  
c48



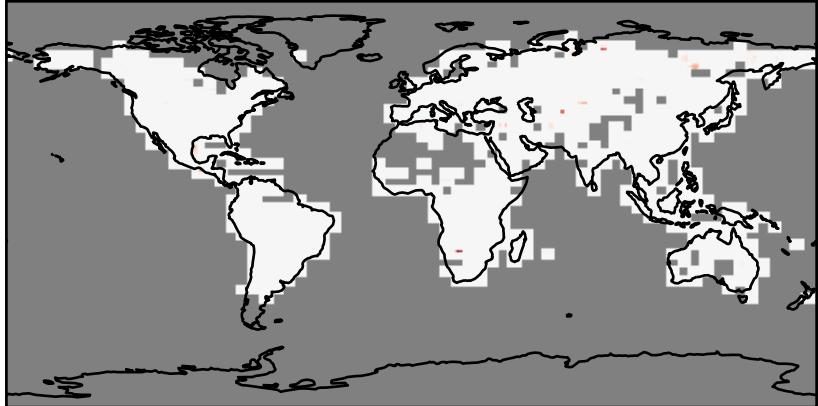
Difference (1x1.25)  
Dev - Ref, Dynamic Range



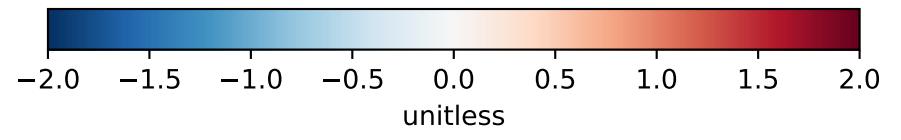
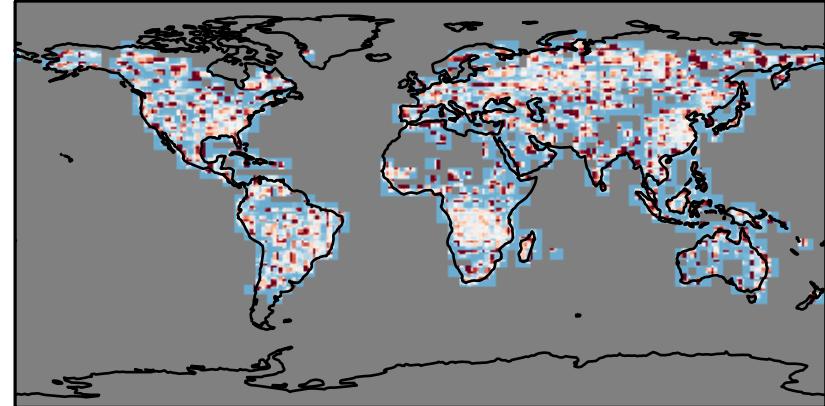
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

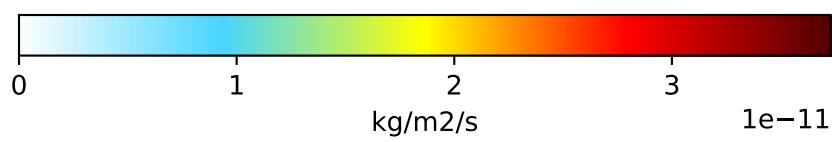
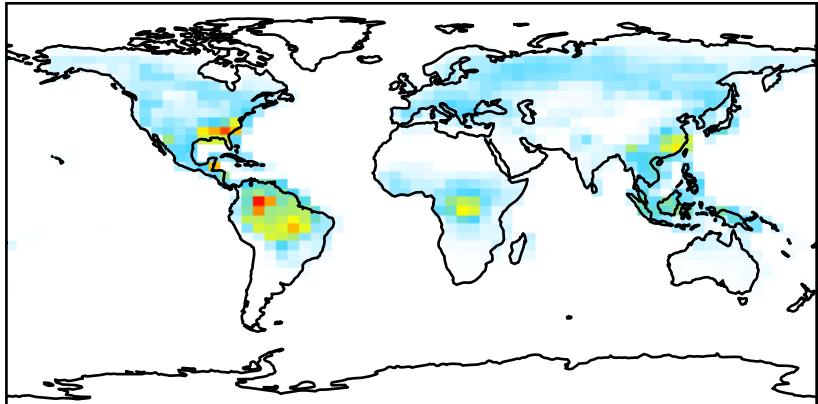


Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

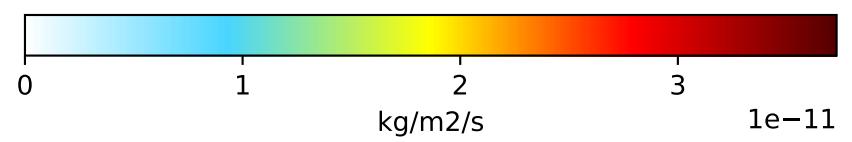
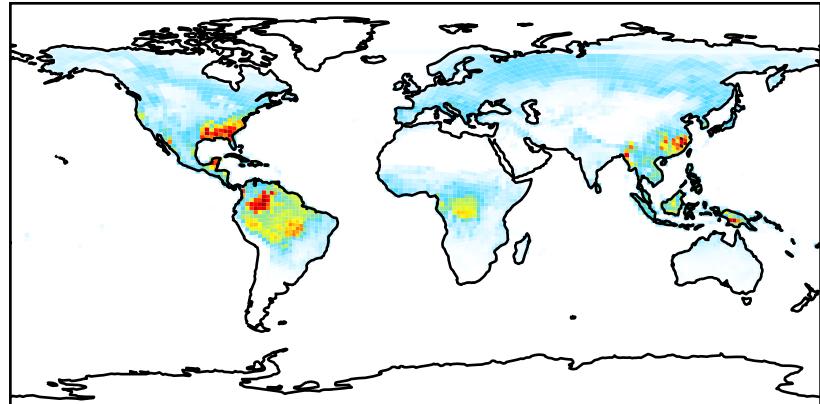


# EmisALD2\_Biogenic

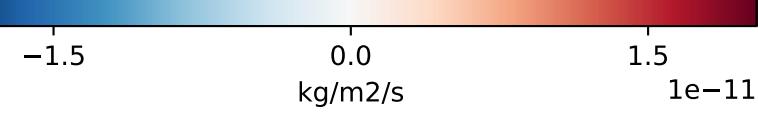
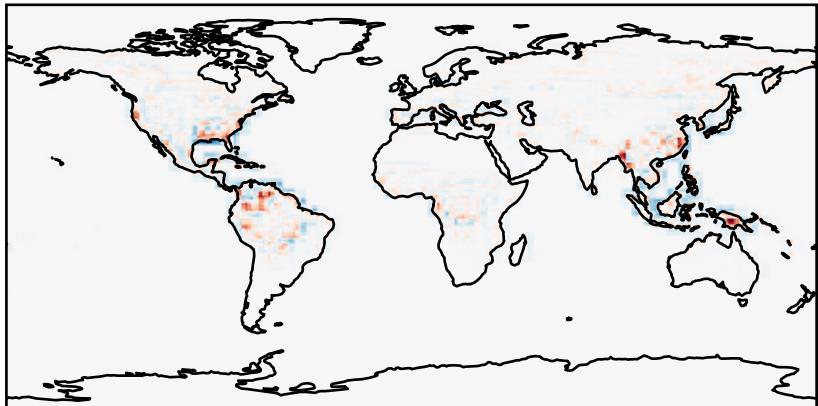
GC\_12.8.0 (Ref)  
4.0x5.0



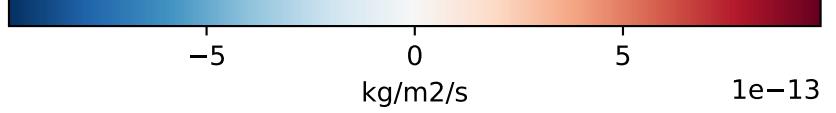
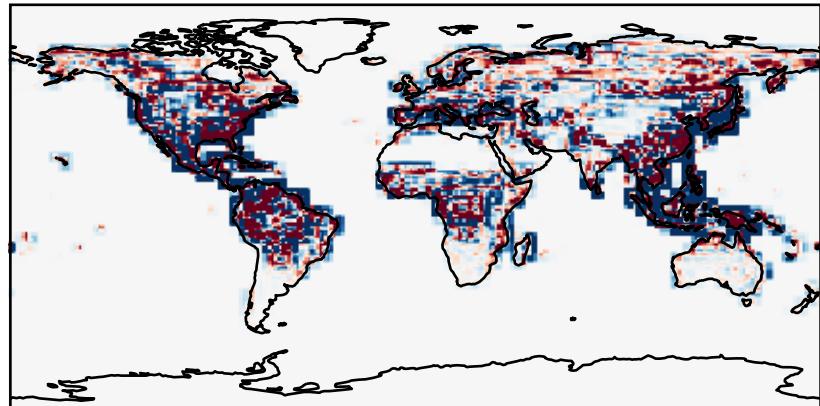
GCHP\_12.8.0 (Dev)  
c48



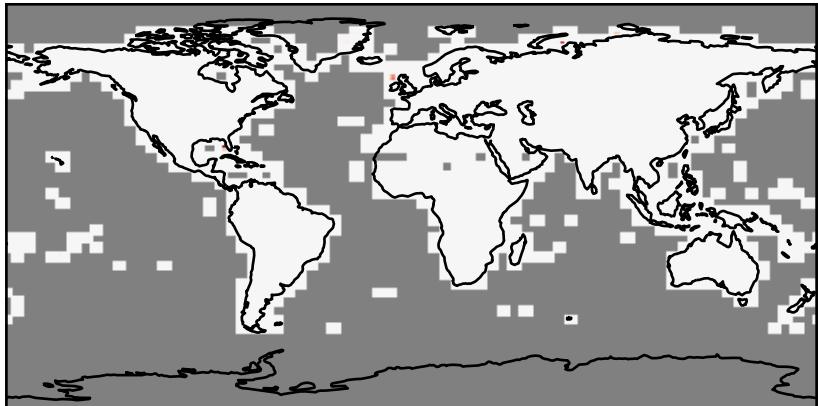
Difference (1x1.25)  
Dev - Ref, Dynamic Range



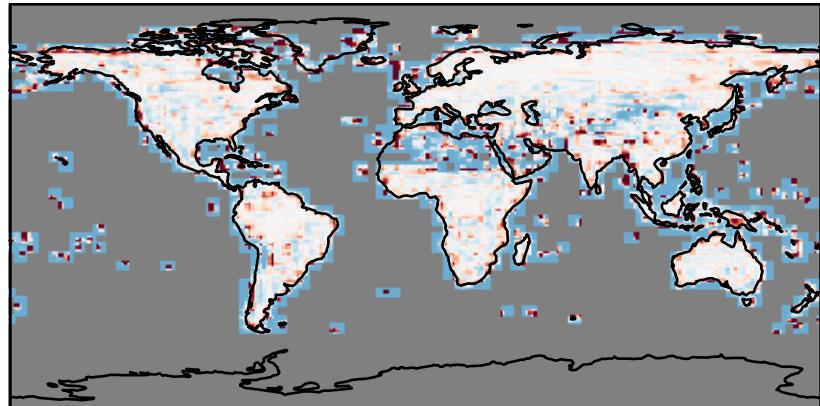
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



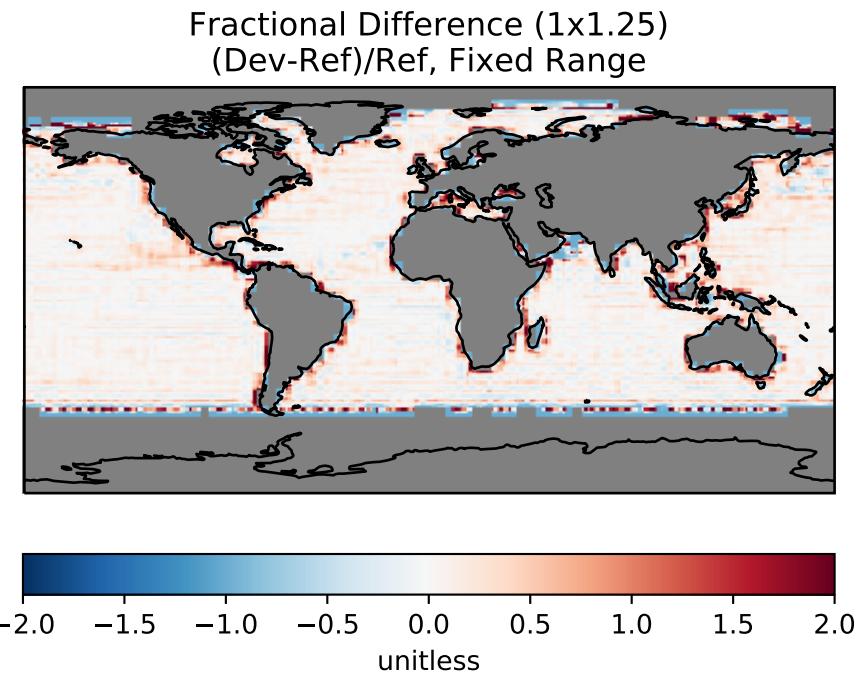
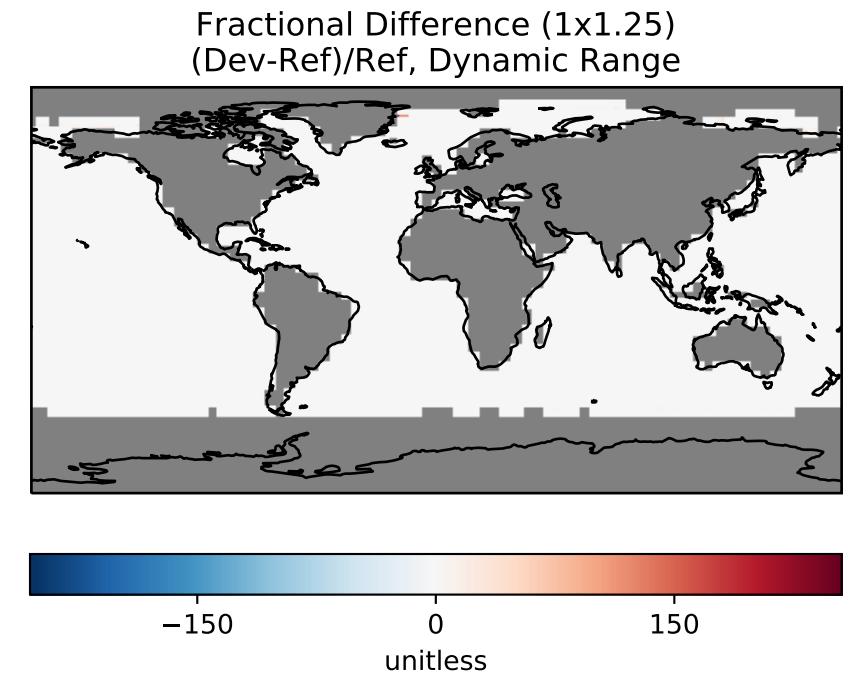
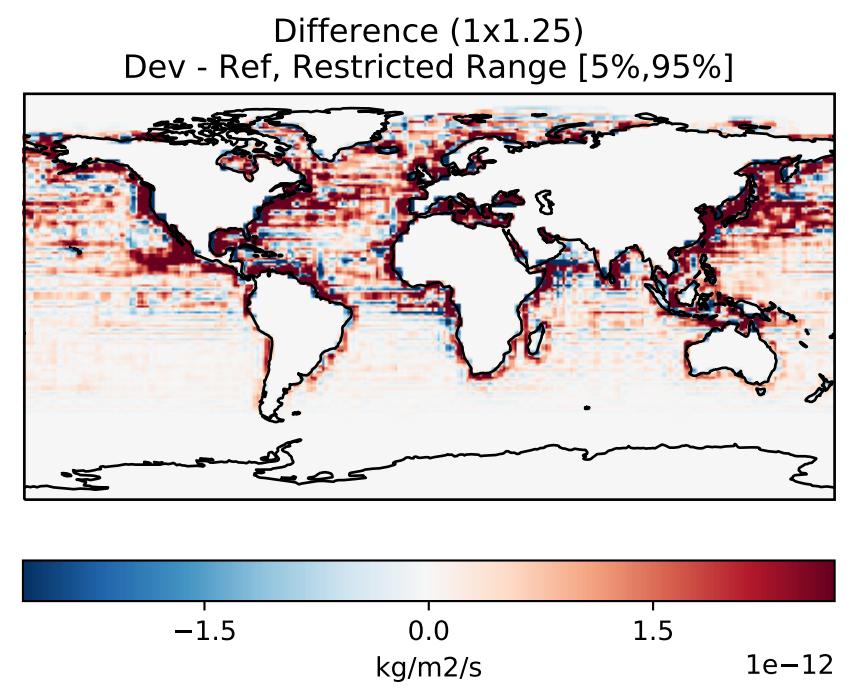
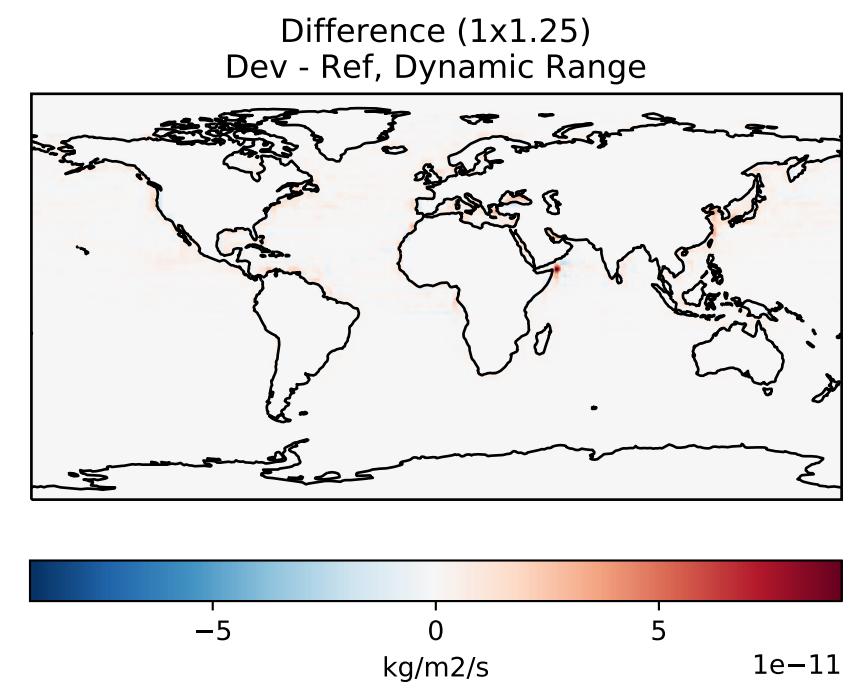
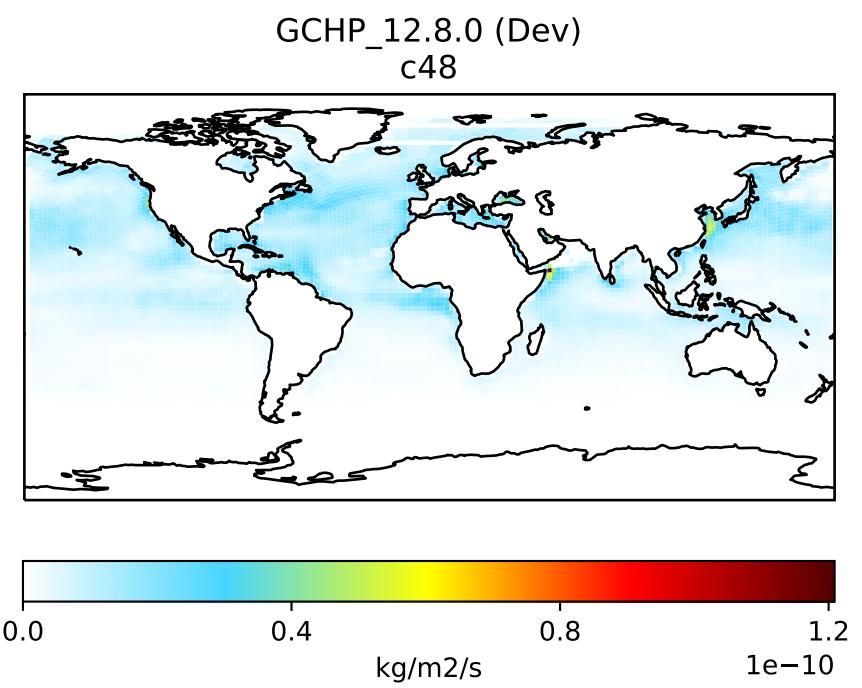
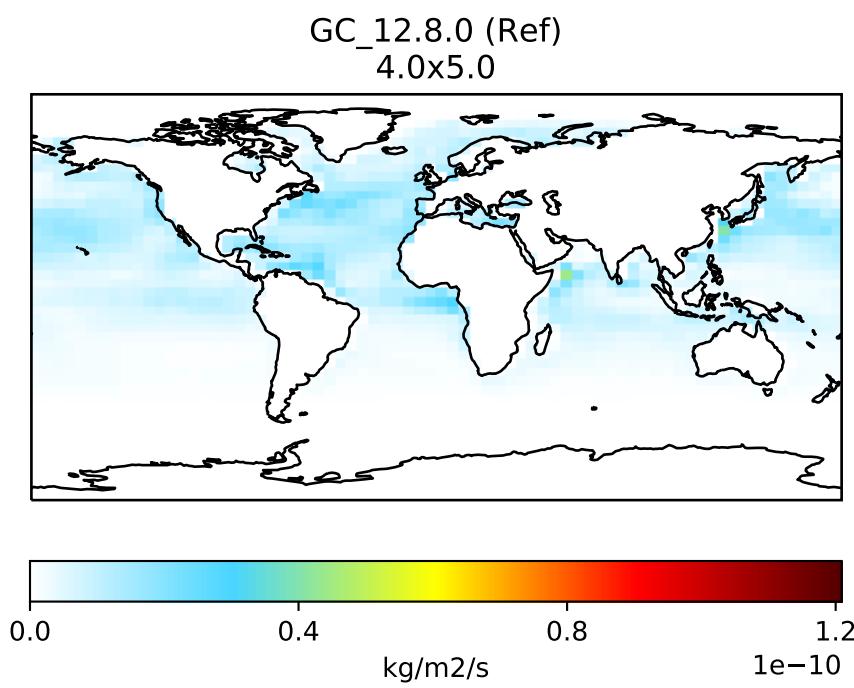
Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Dynamic Range



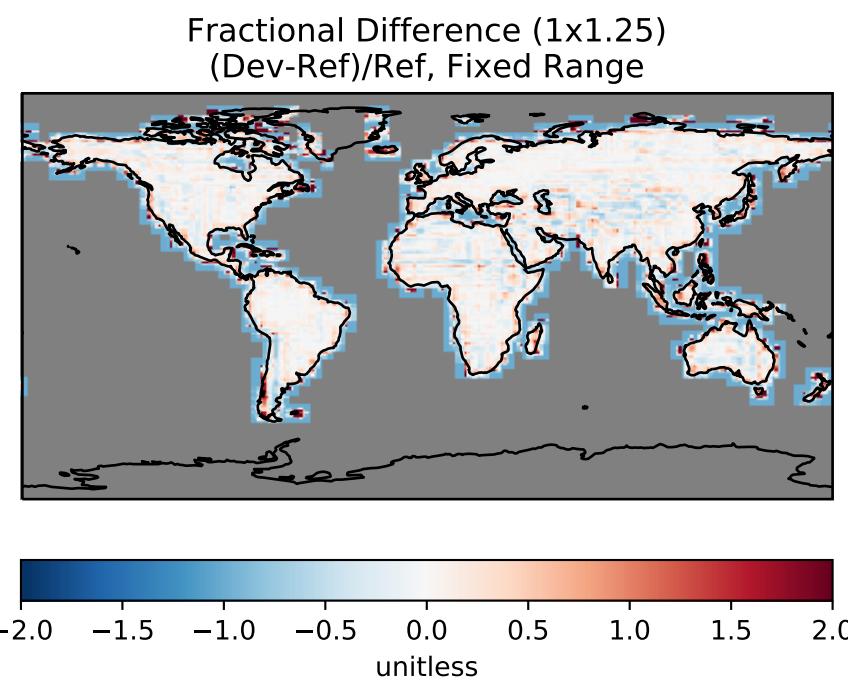
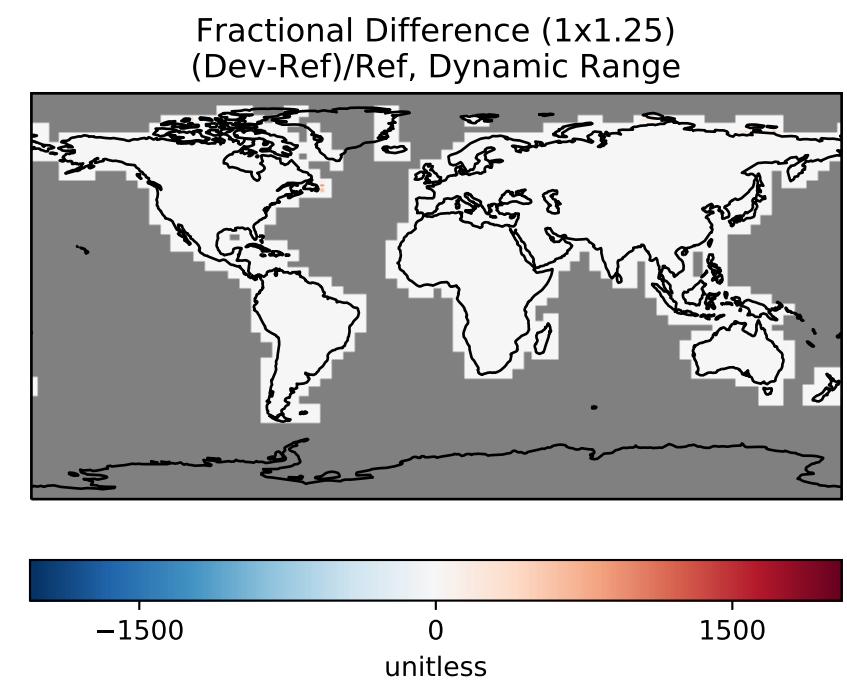
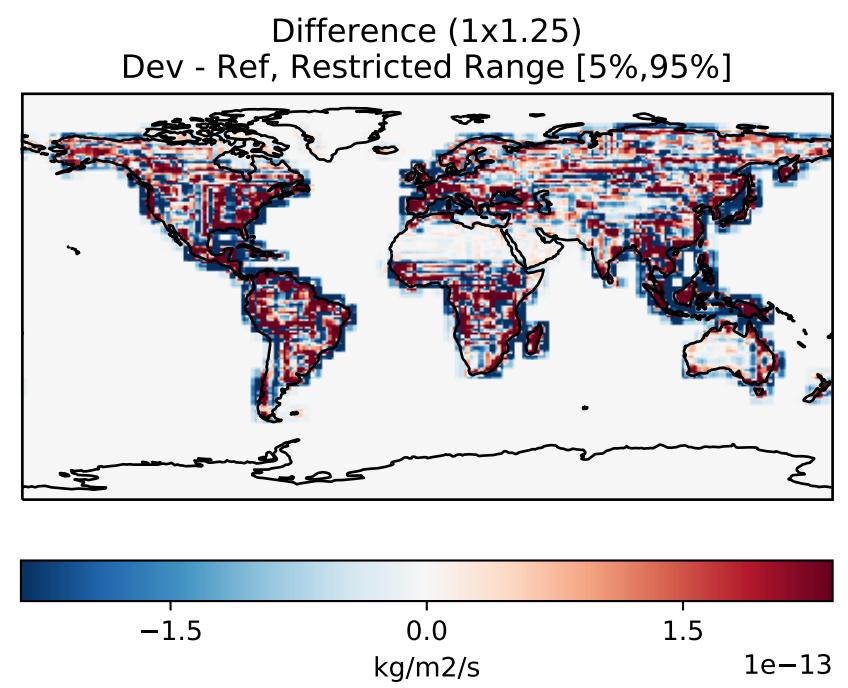
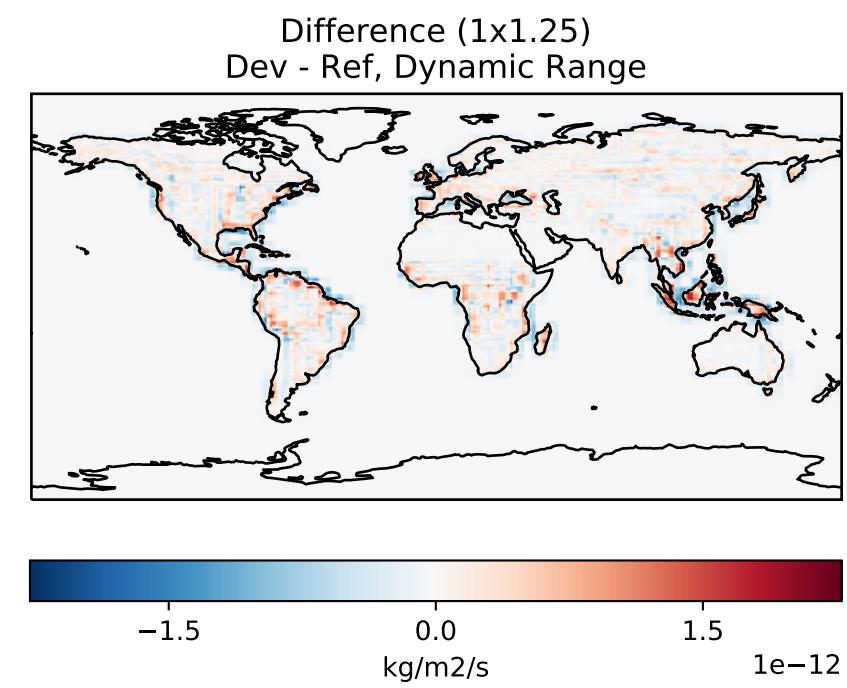
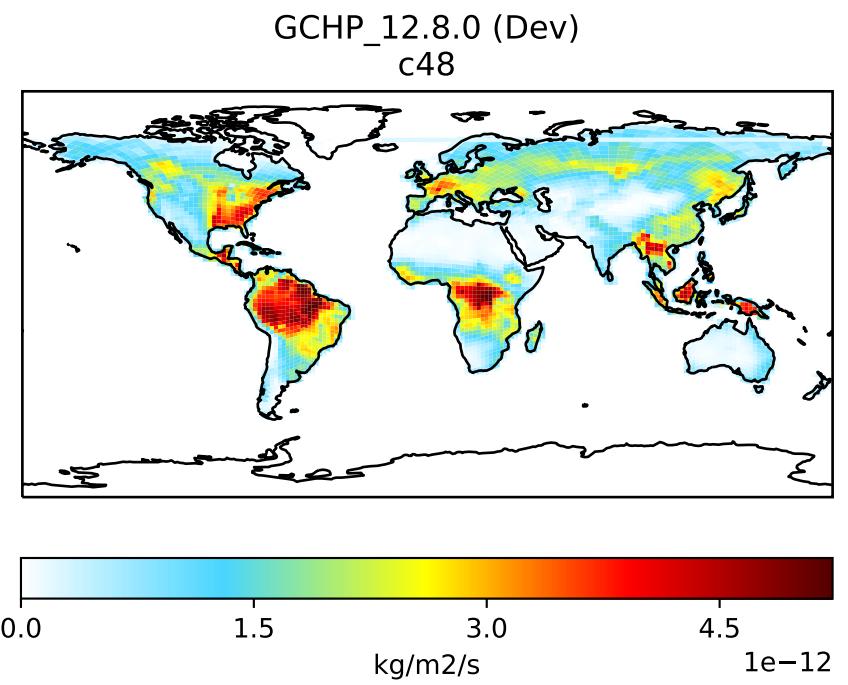
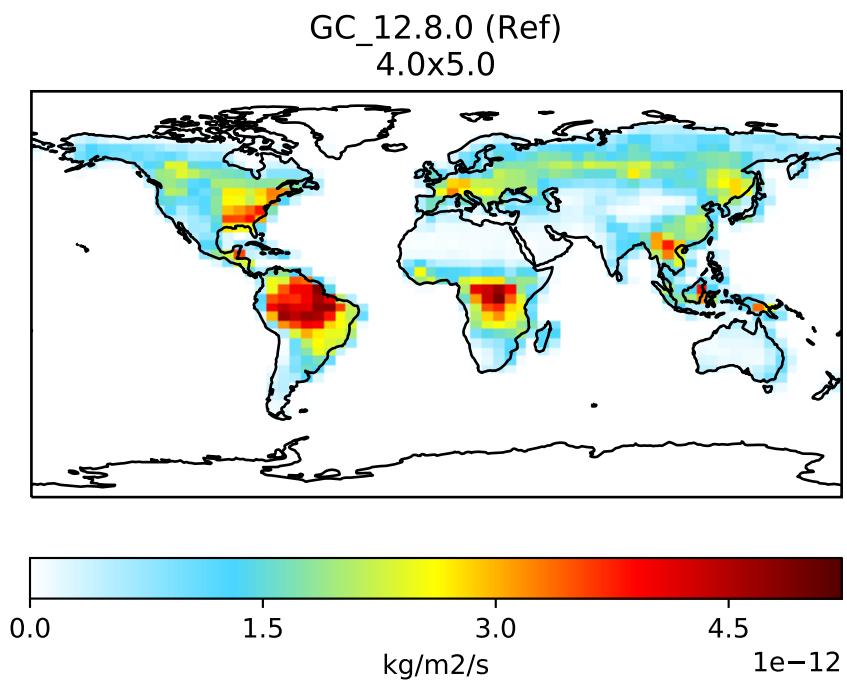
Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range



# EmisALD2\_Ocean

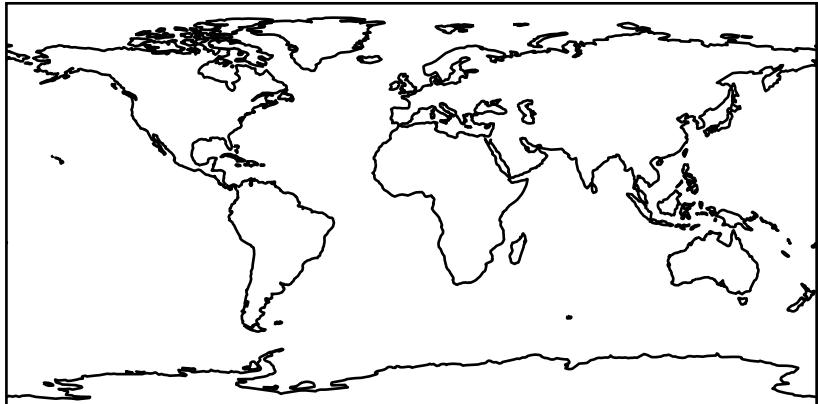


# EmisALD2\_PlantDecay



# EmisALD2\_Ship

GC\_12.8.0 (Ref)  
4.0x5.0



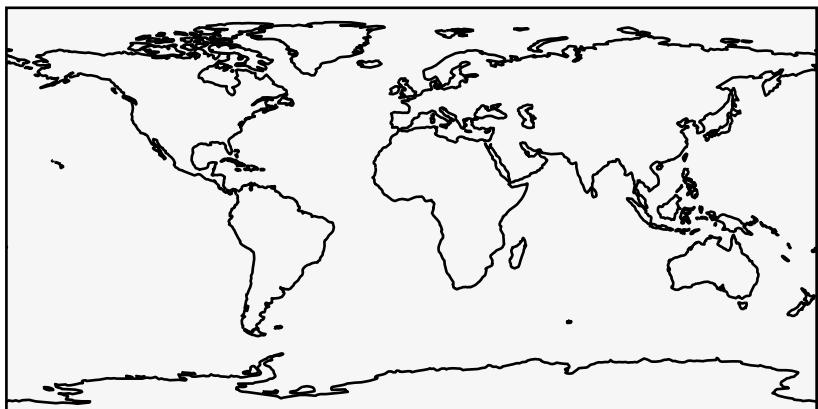
Zero throughout domain  
kg/m<sup>2</sup>/s

GCHP\_12.8.0 (Dev)  
c48



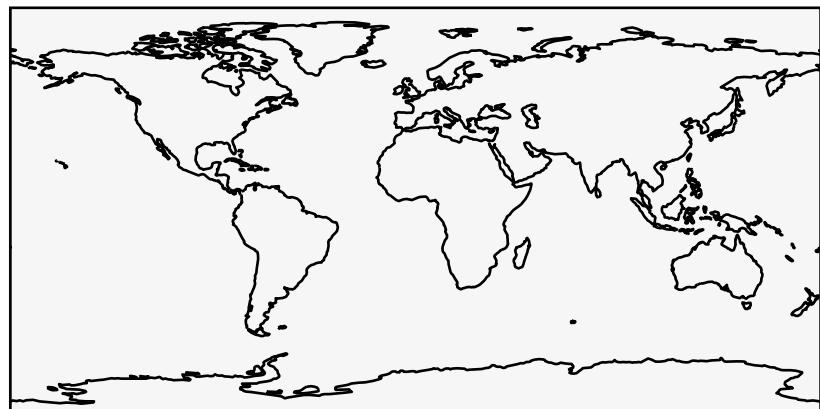
Zero throughout domain  
kg/m<sup>2</sup>/s

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



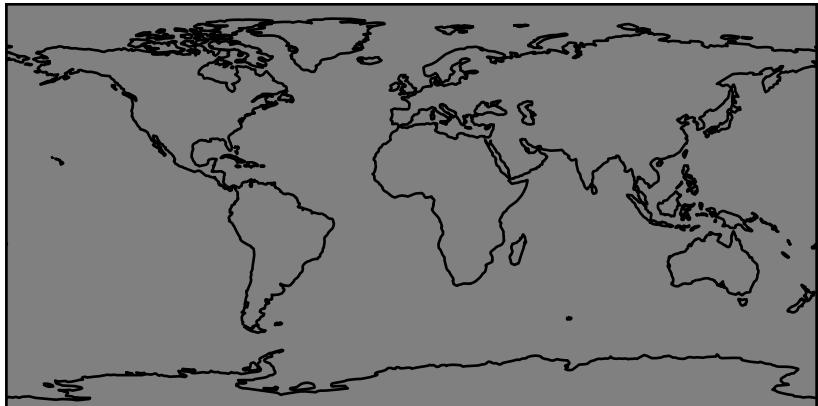
Zero throughout domain  
kg/m<sup>2</sup>/s

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



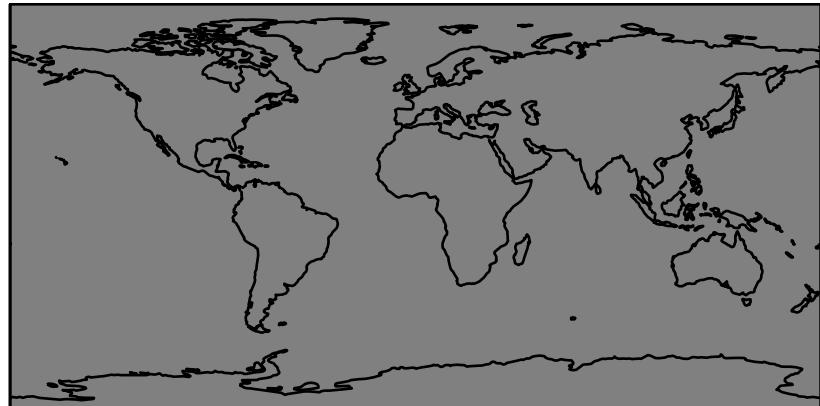
Zero throughout domain  
kg/m<sup>2</sup>/s

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



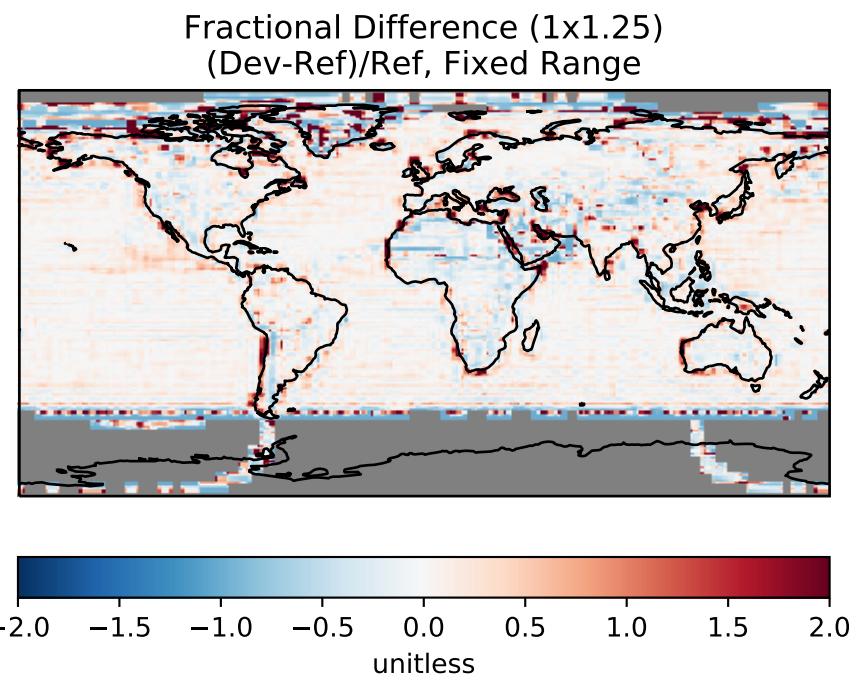
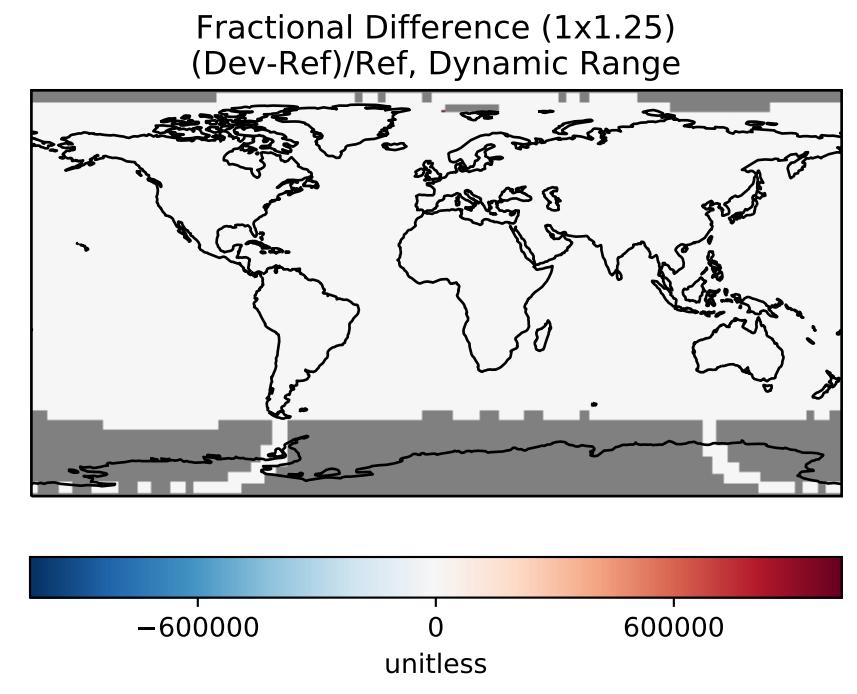
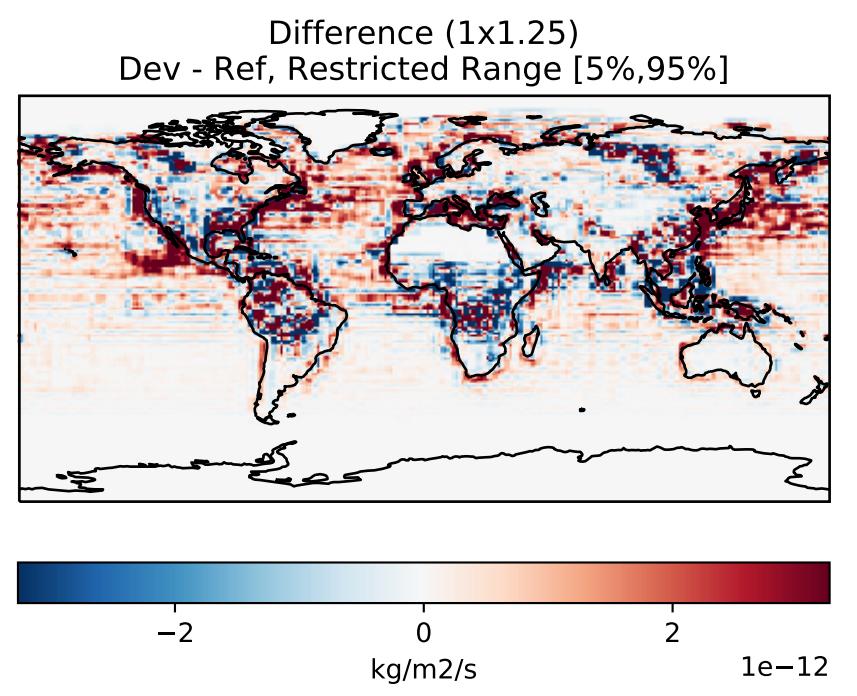
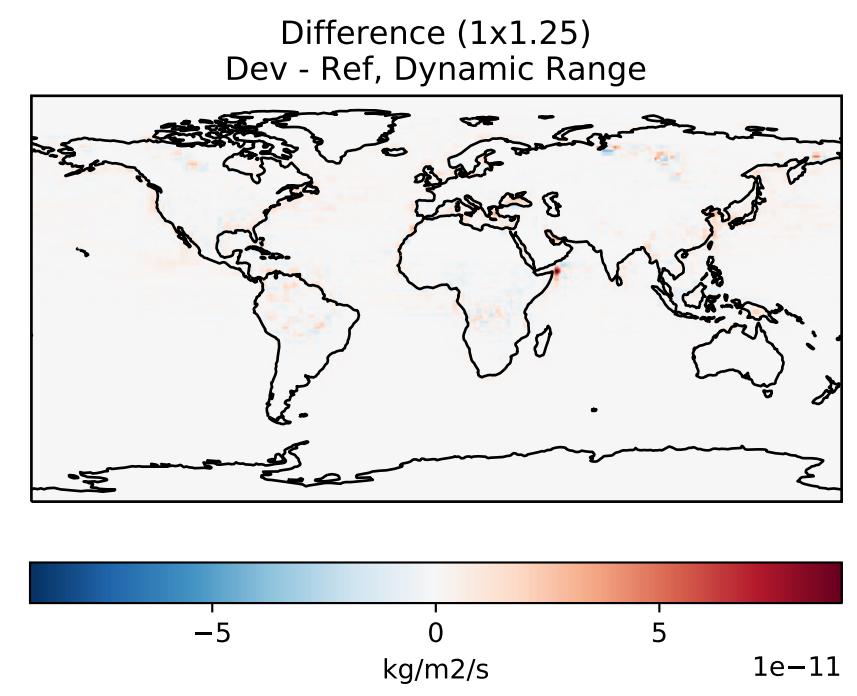
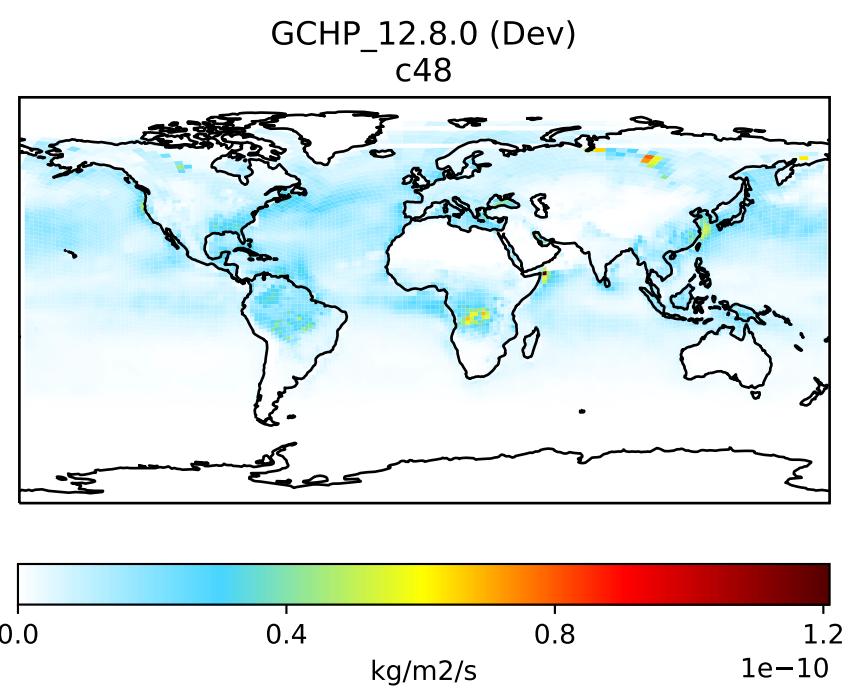
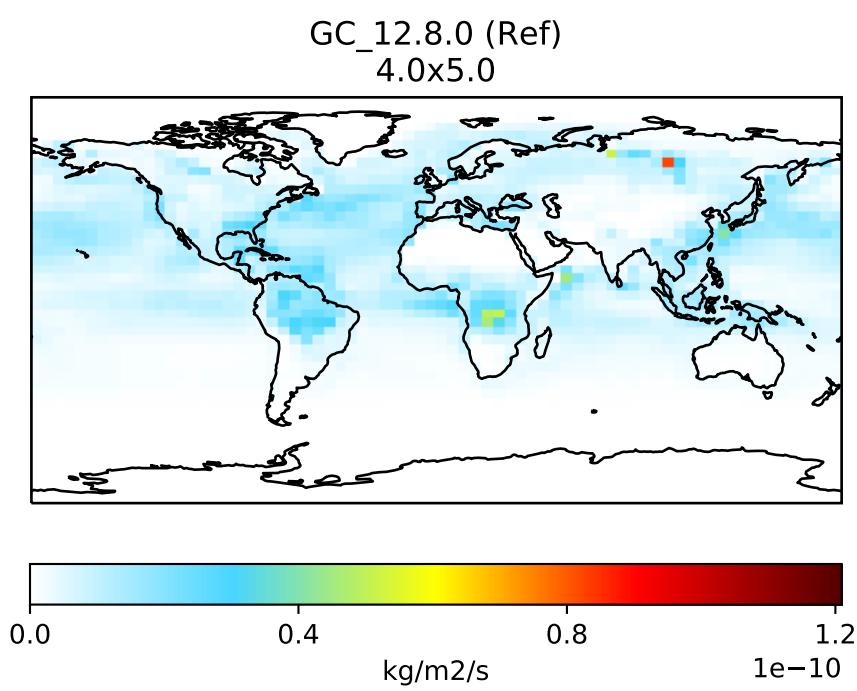
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Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

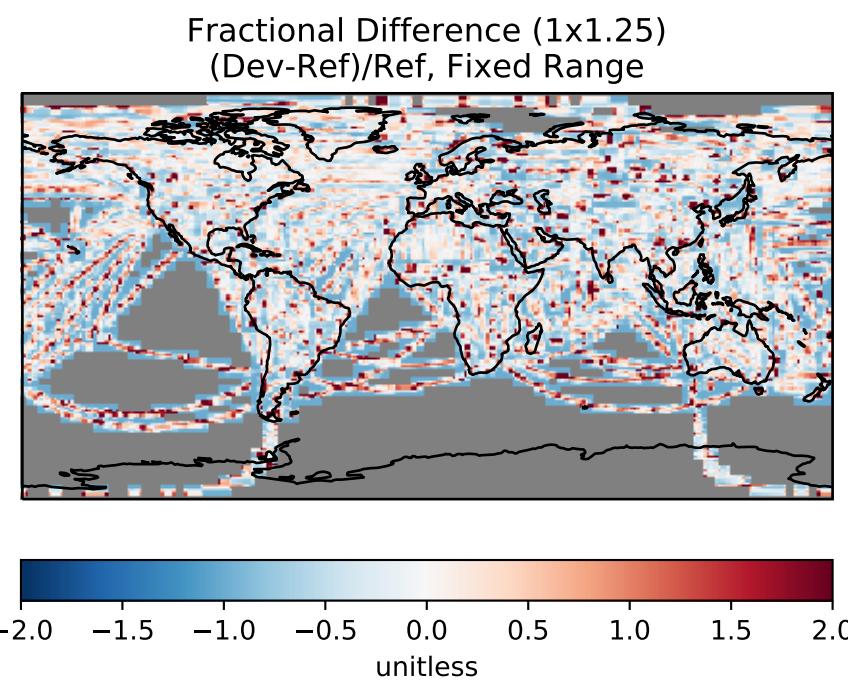
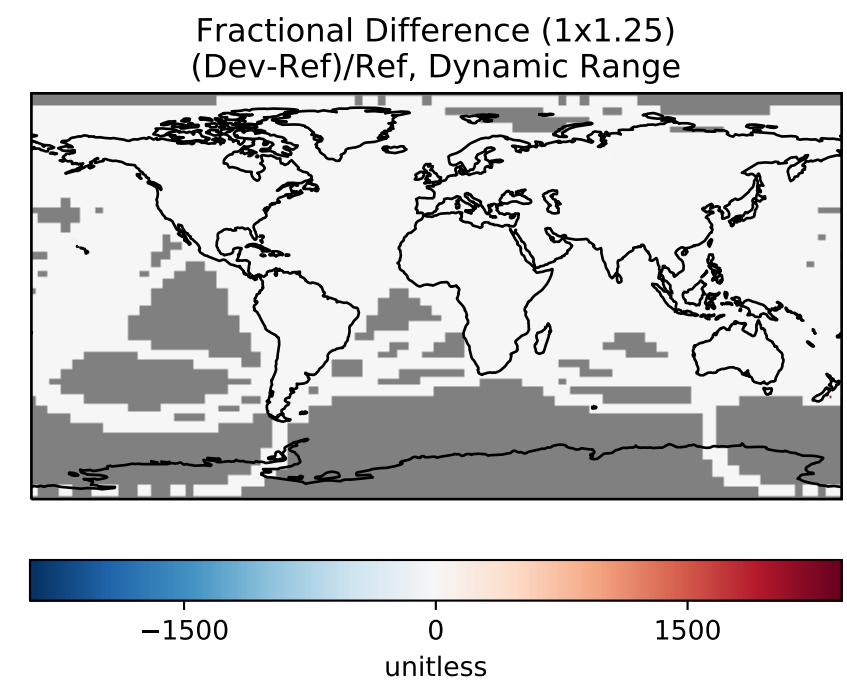
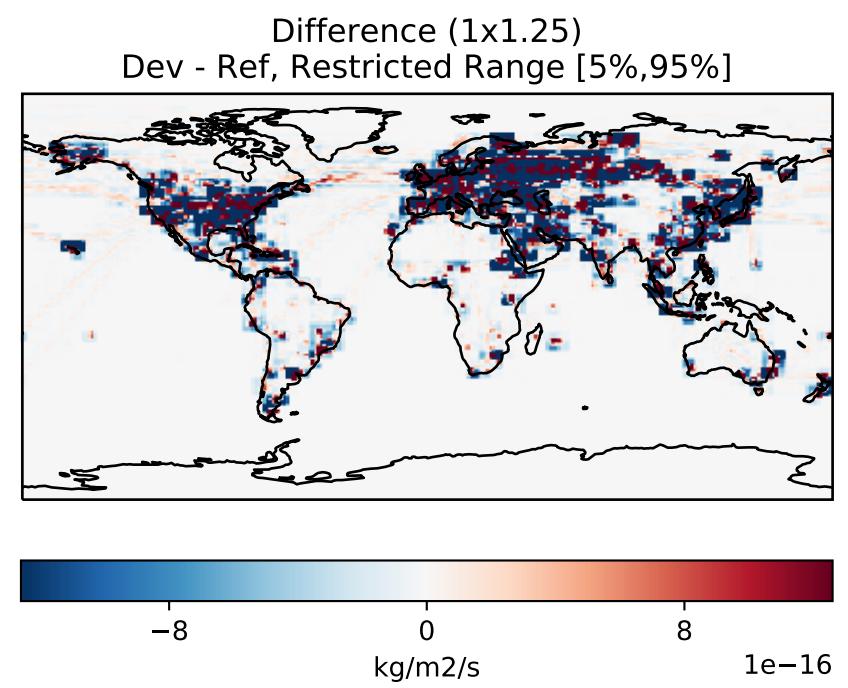
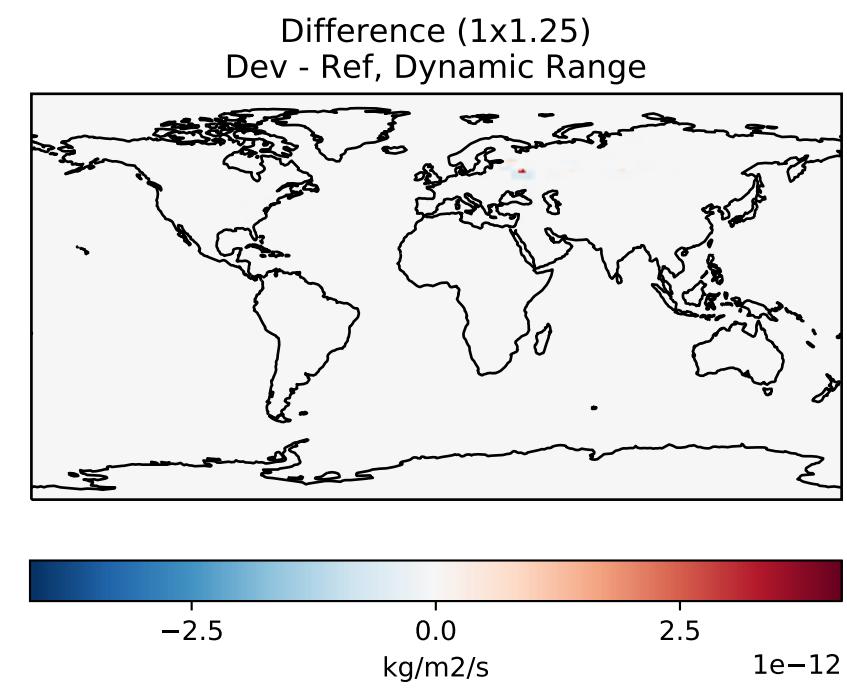
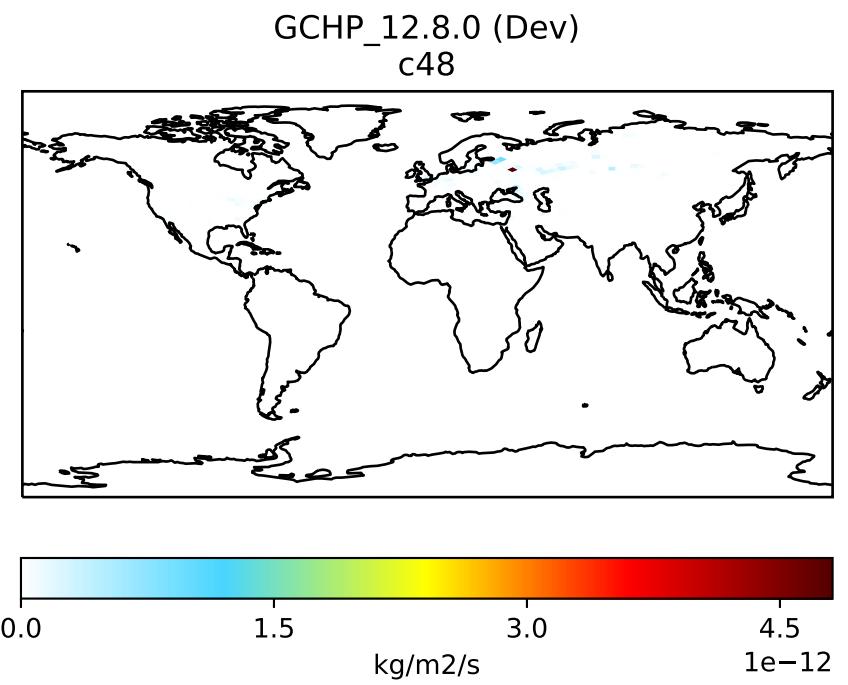
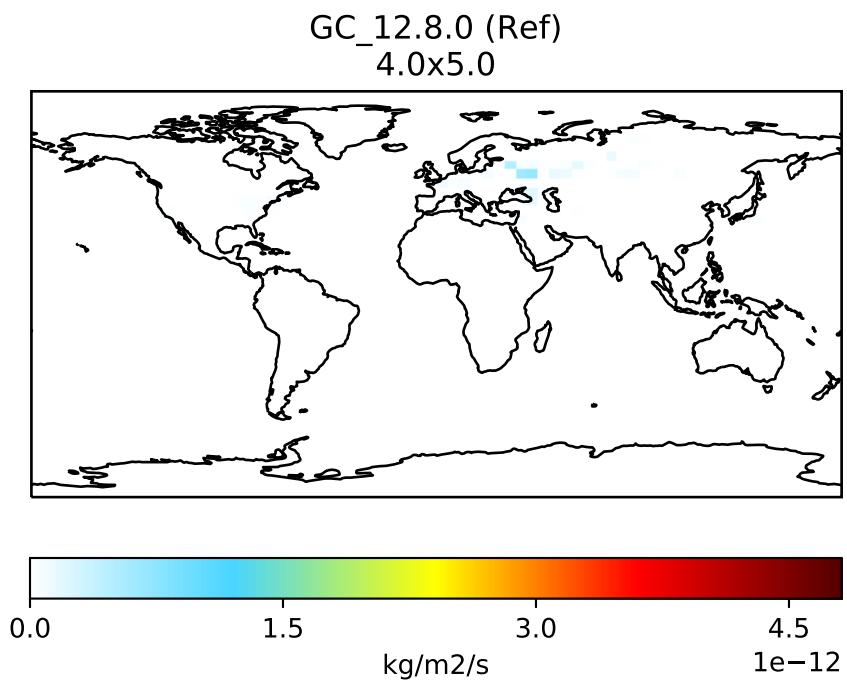


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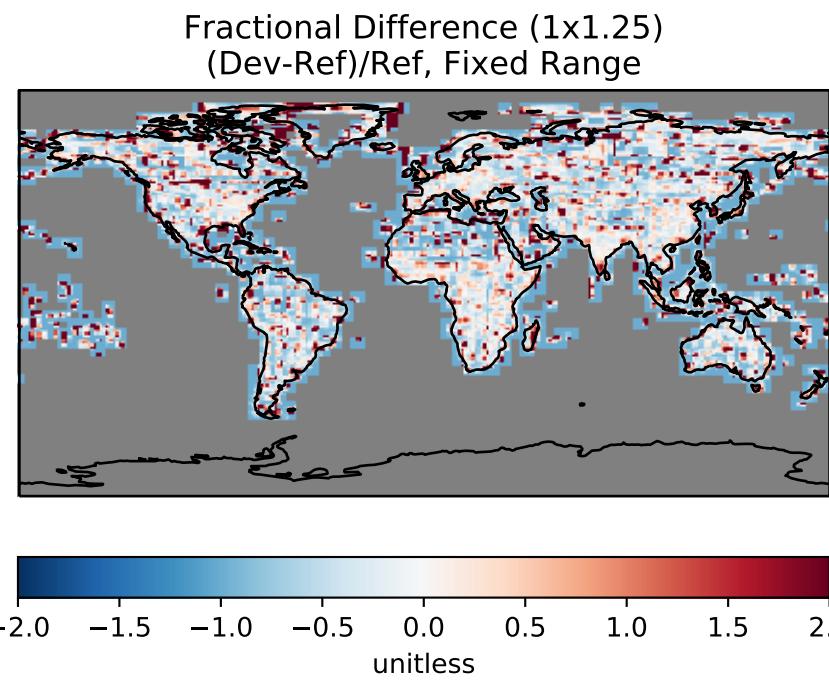
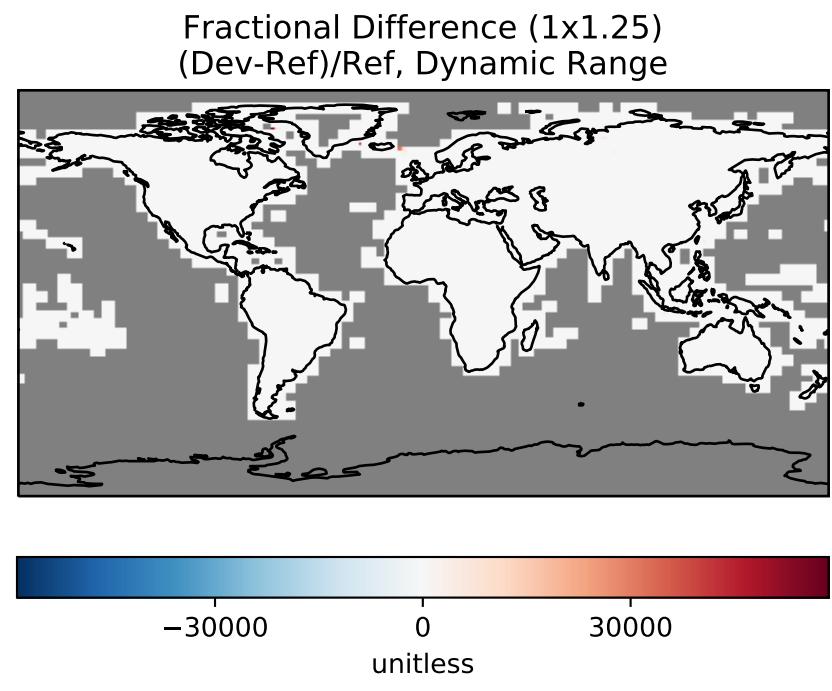
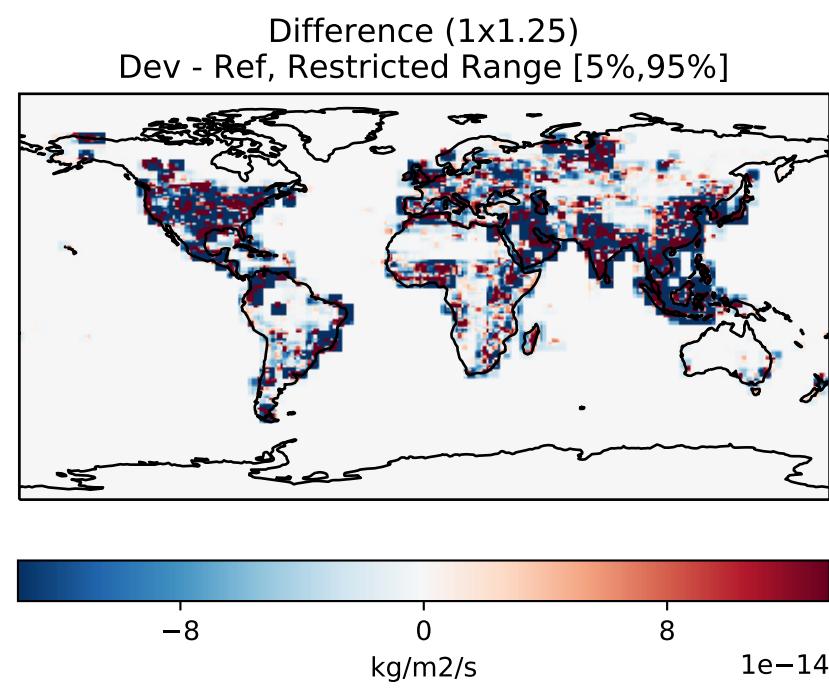
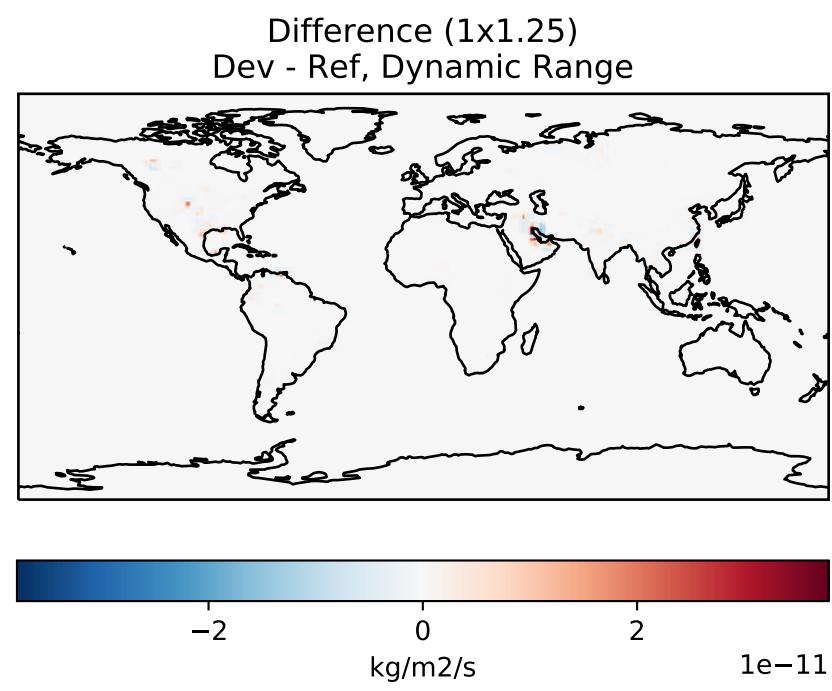
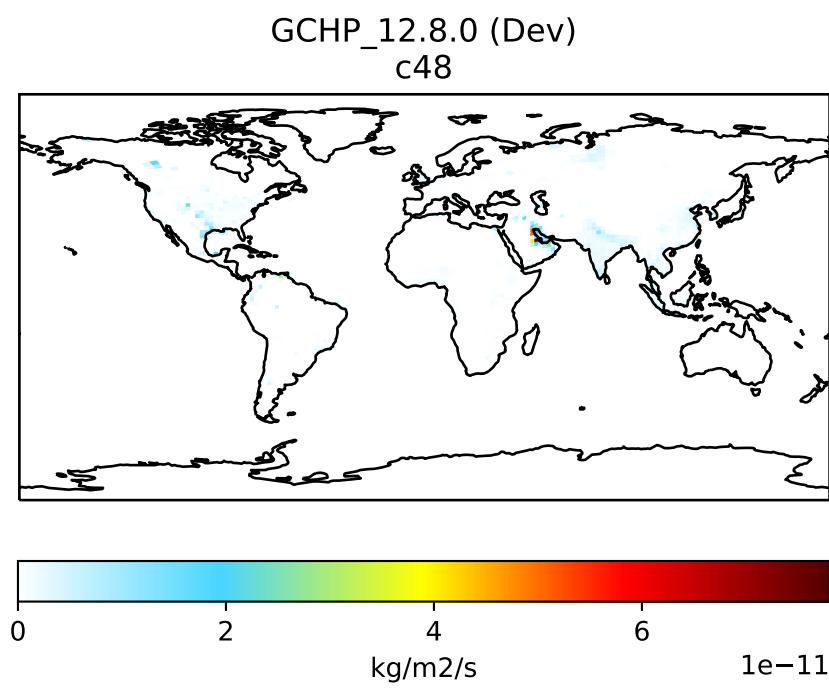
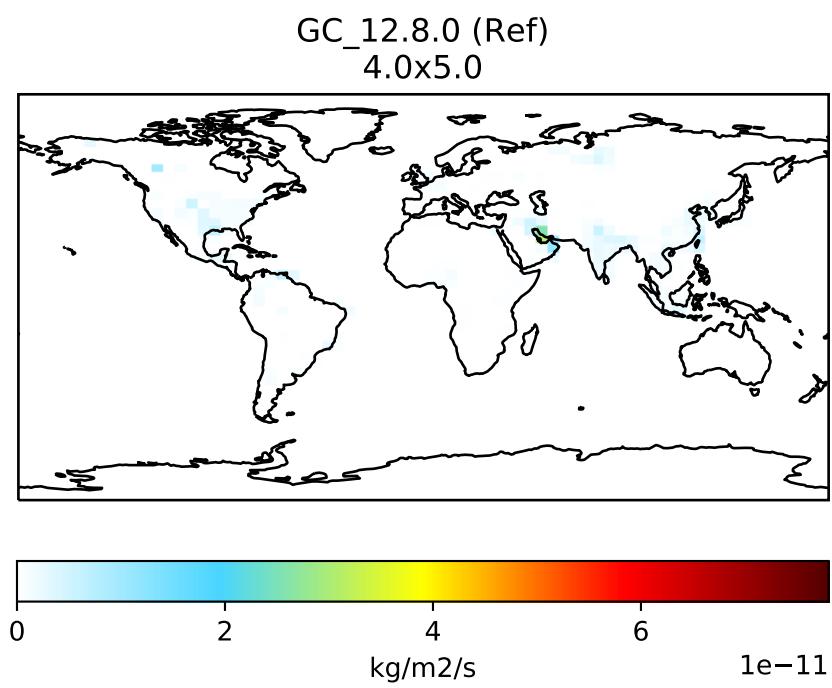
# EmisALD2\_Total



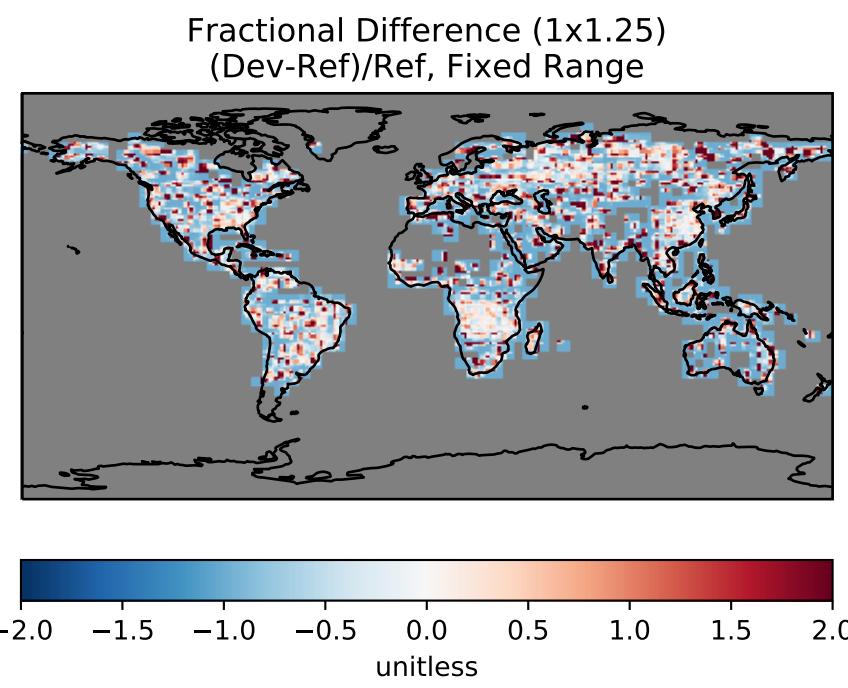
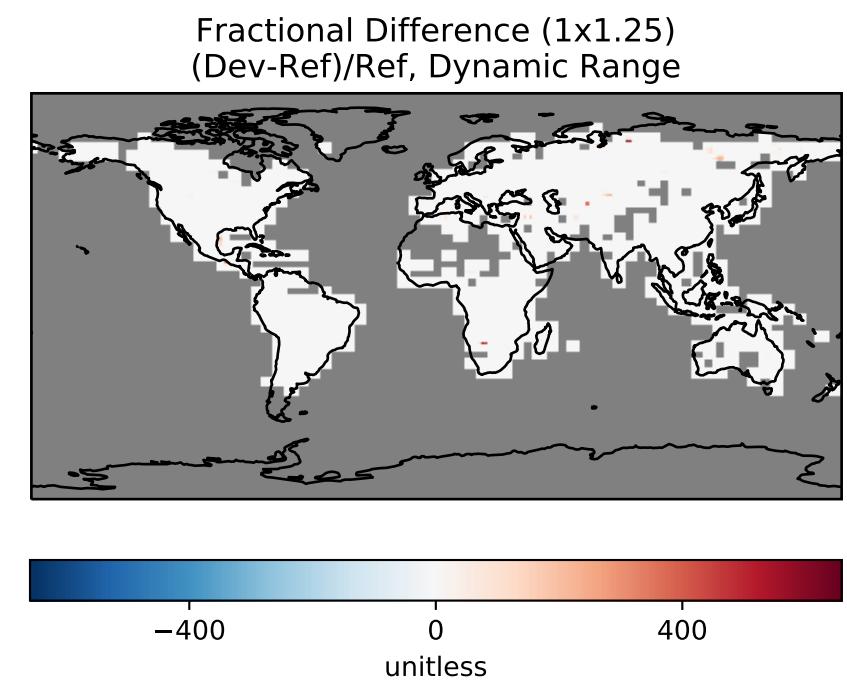
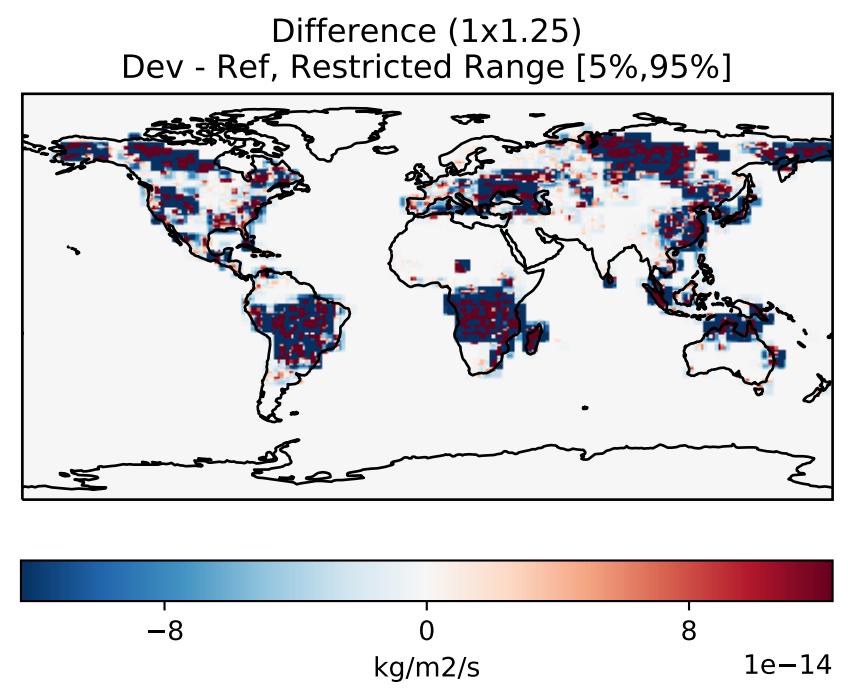
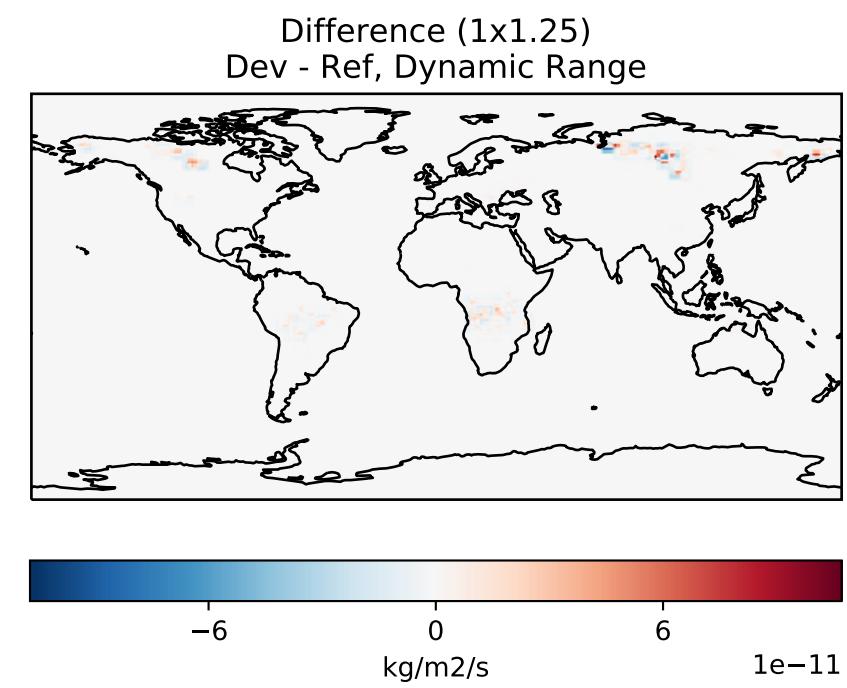
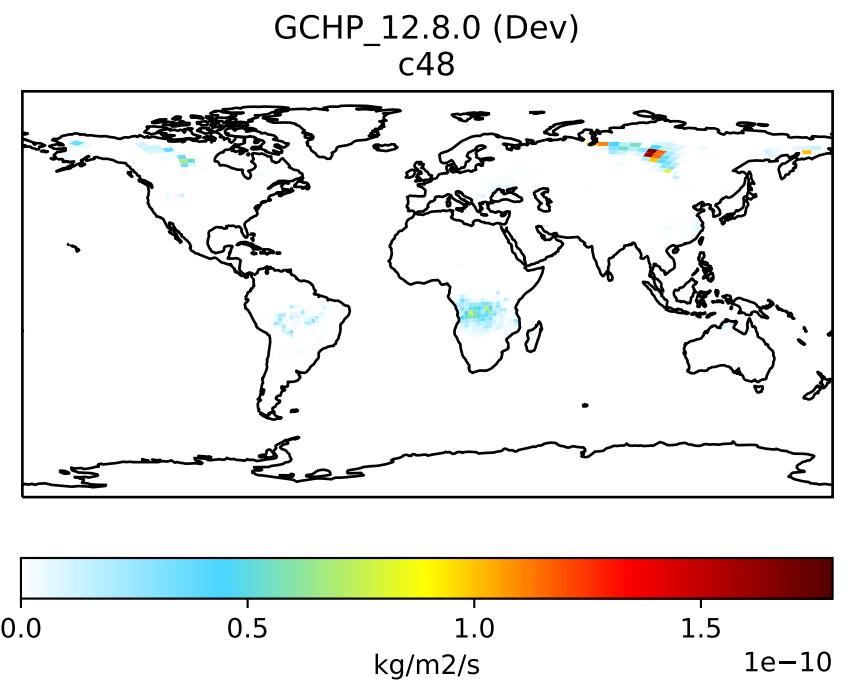
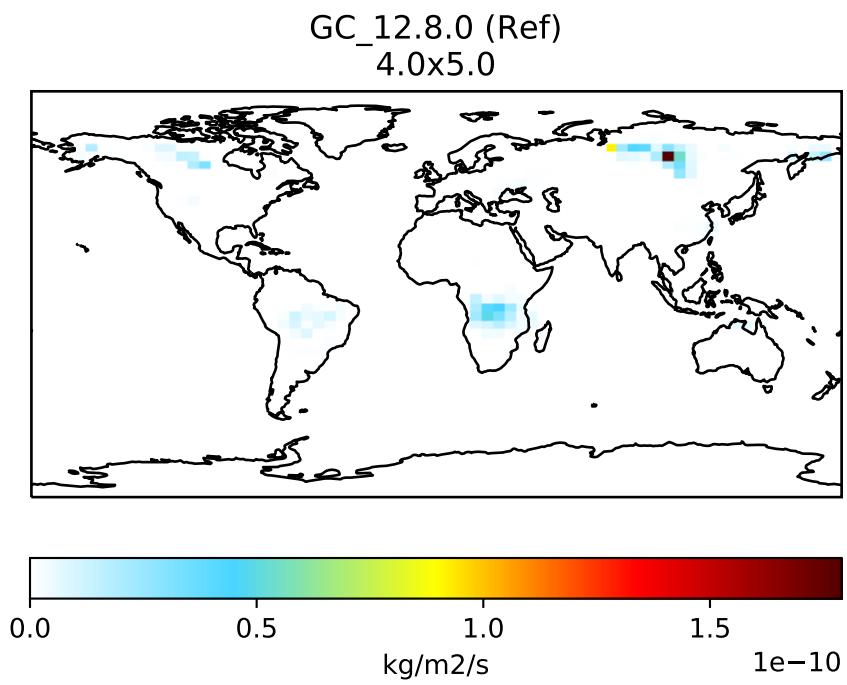
# EmisCH2O\_Aircraft



# EmisCH2O\_Anthro

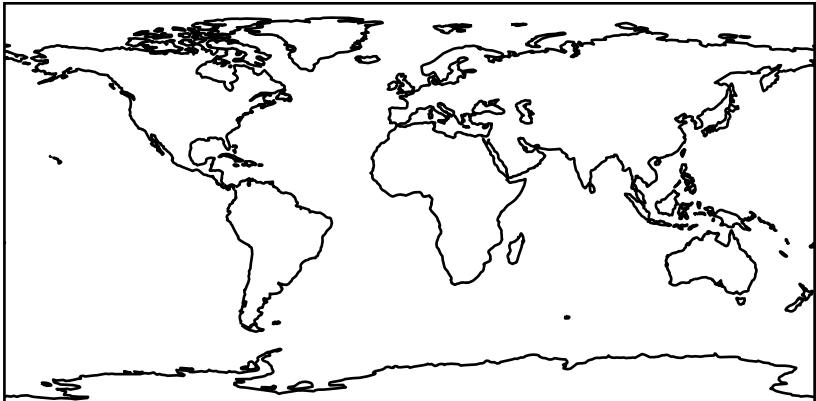


# EmisCH2O\_BioBurn



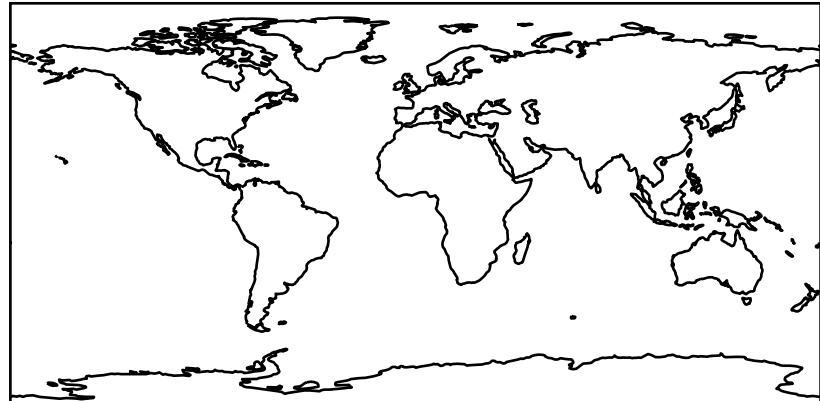
# EmisCH2O\_Ship

GC\_12.8.0 (Ref)  
4.0x5.0



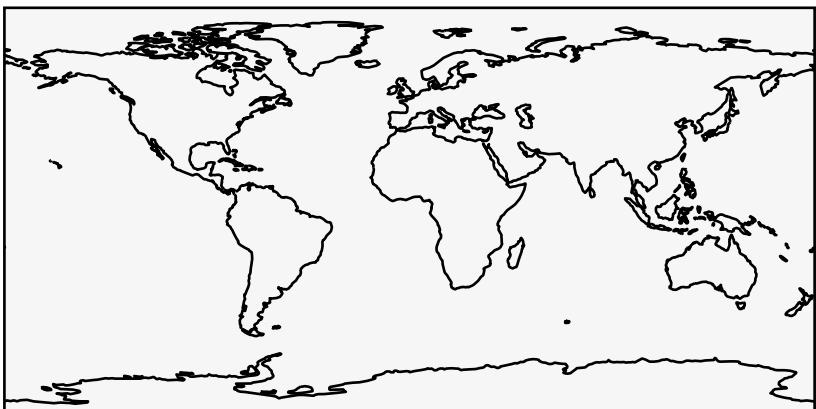
Zero throughout domain  
kg/m<sup>2</sup>/s

GCHP\_12.8.0 (Dev)  
c48



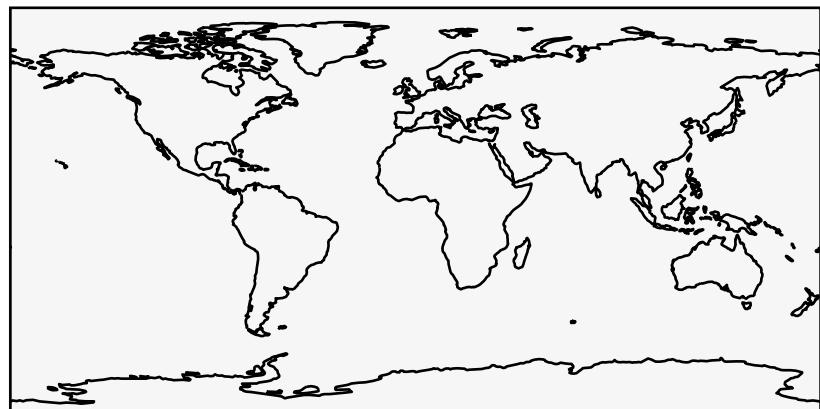
Zero throughout domain  
kg/m<sup>2</sup>/s

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



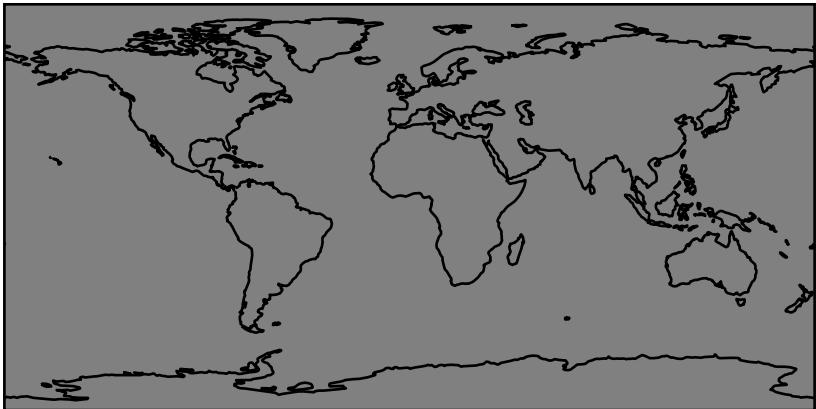
Zero throughout domain  
kg/m<sup>2</sup>/s

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



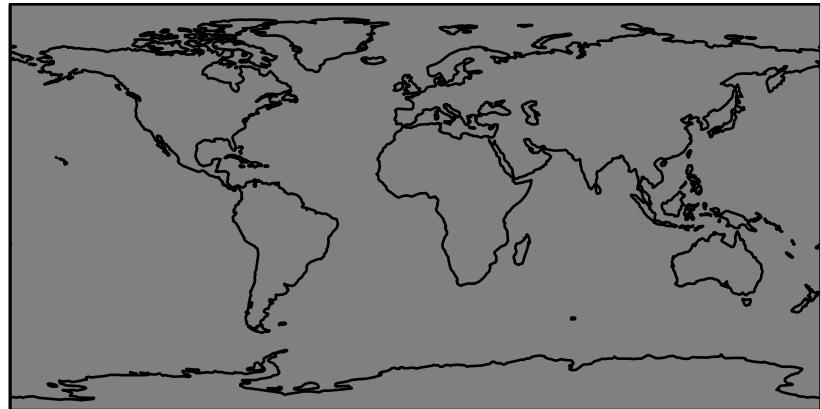
Zero throughout domain  
kg/m<sup>2</sup>/s

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



Undefined throughout domain  
unitless

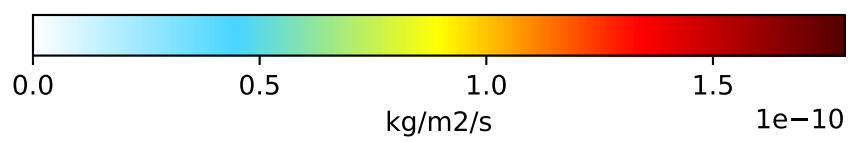
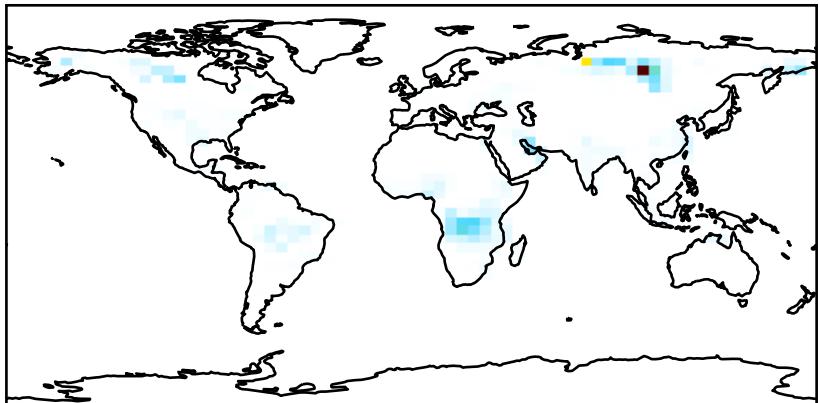
Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range



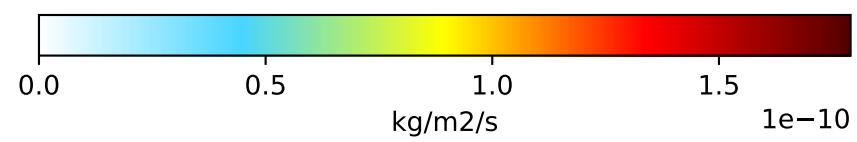
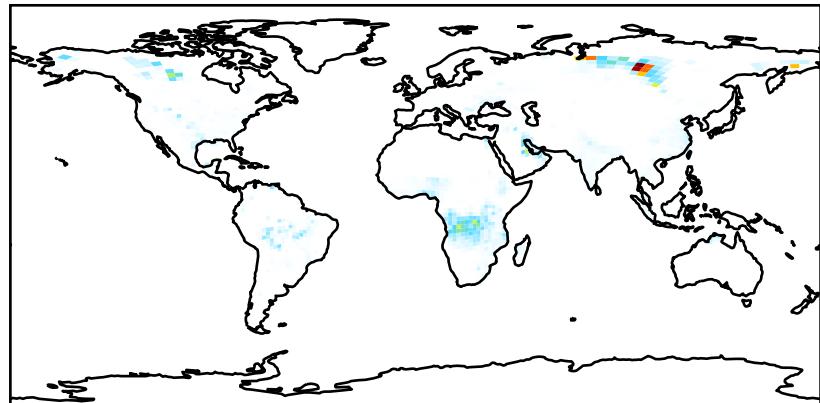
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# EmisCH2O\_Total

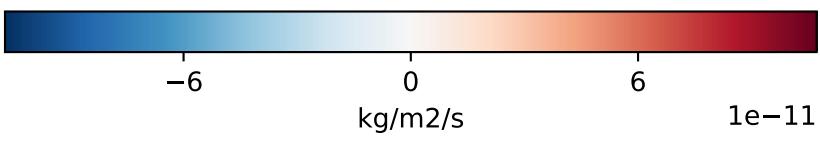
GC\_12.8.0 (Ref)  
4.0x5.0



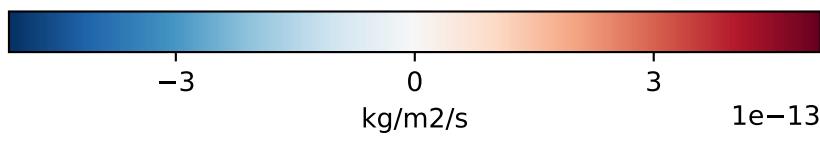
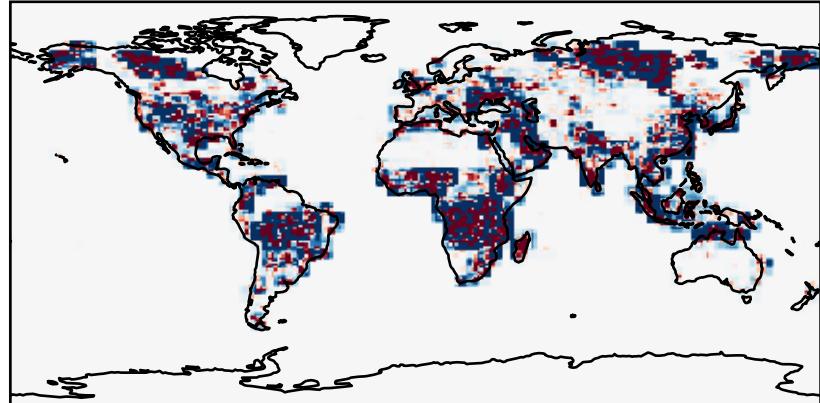
GCHP\_12.8.0 (Dev)  
c48



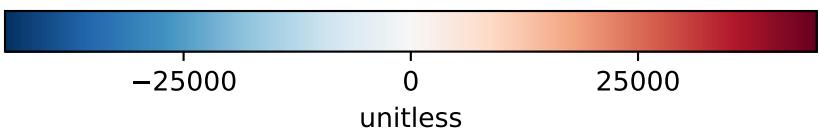
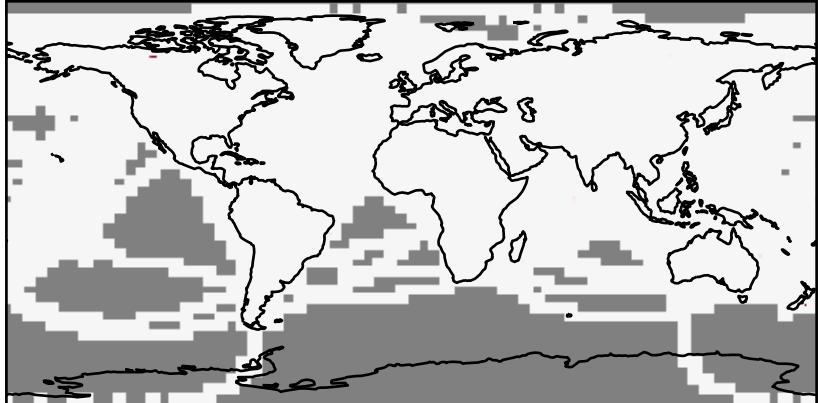
Difference (1x1.25)  
Dev - Ref, Dynamic Range



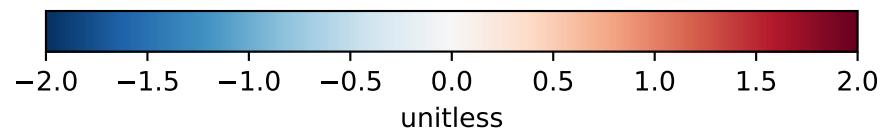
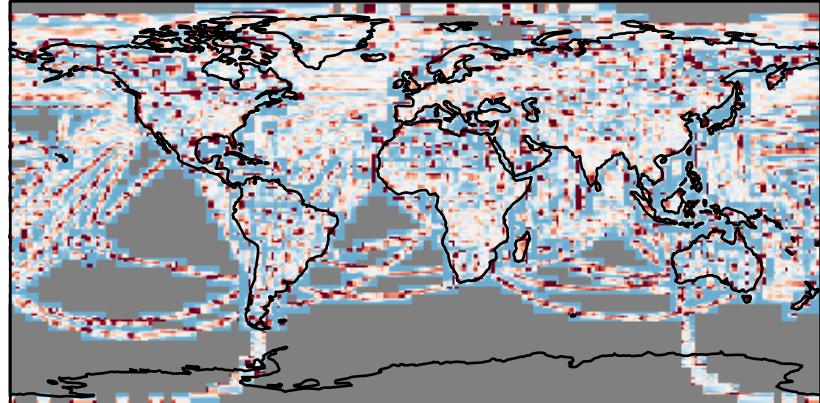
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



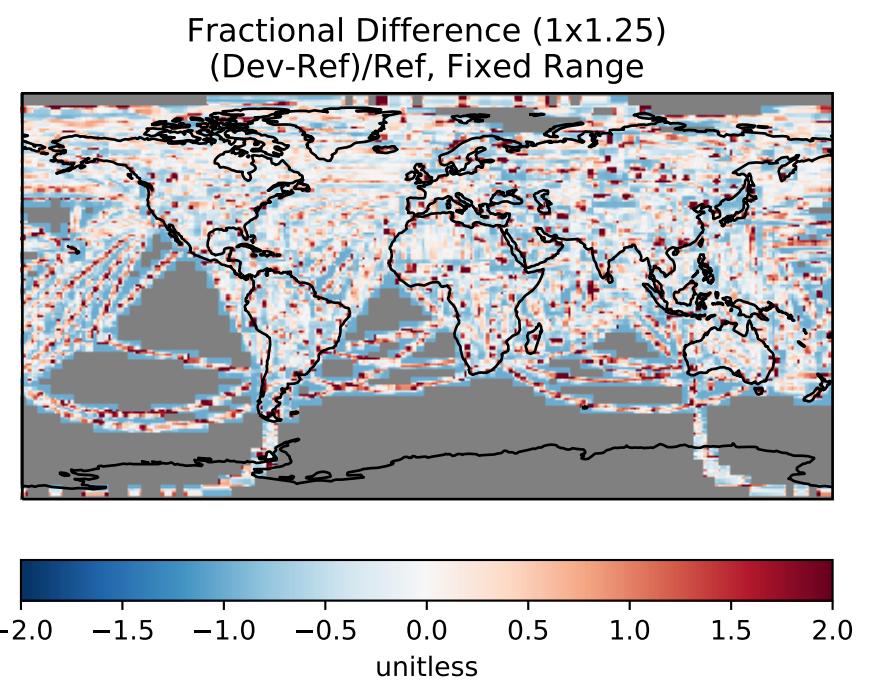
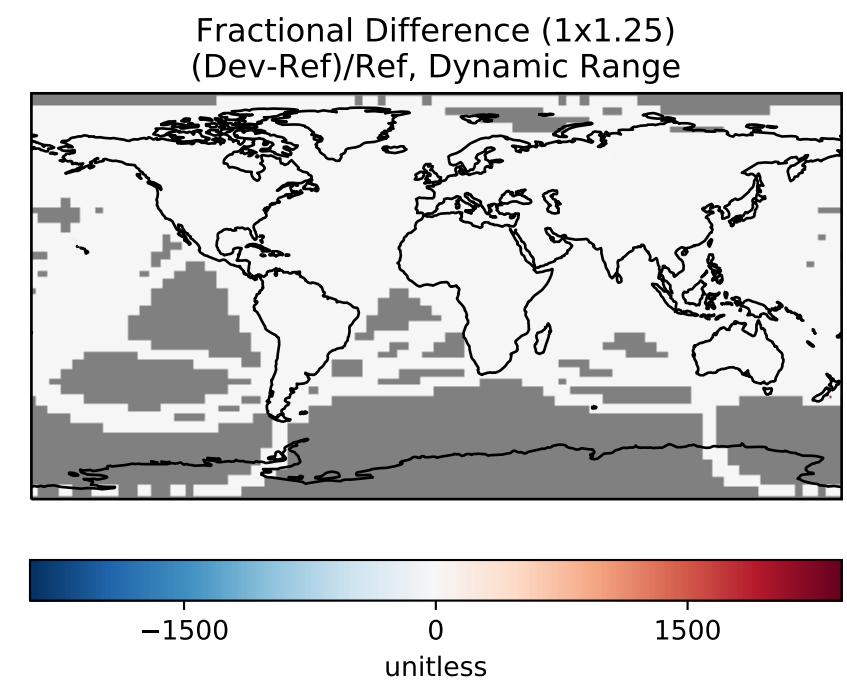
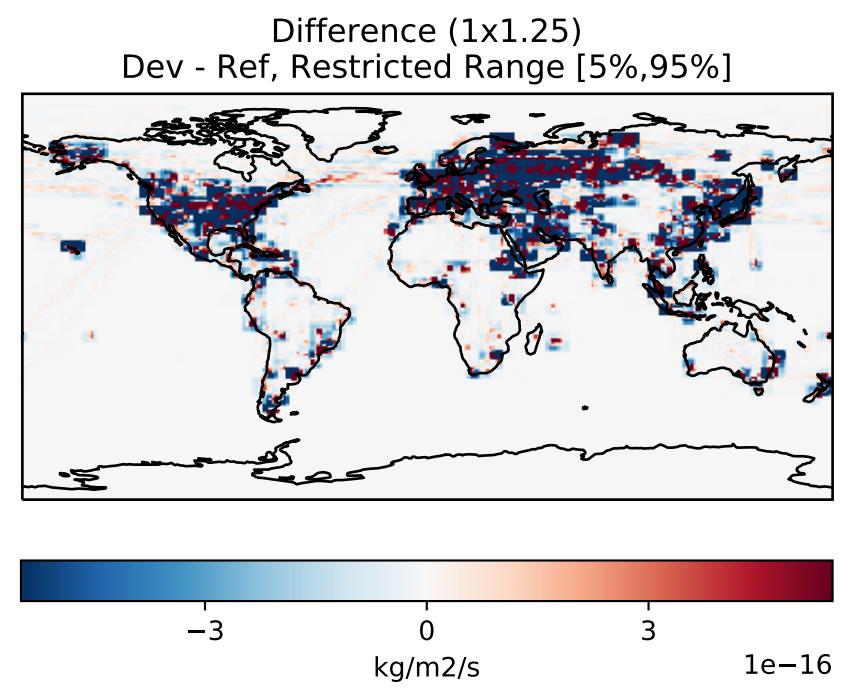
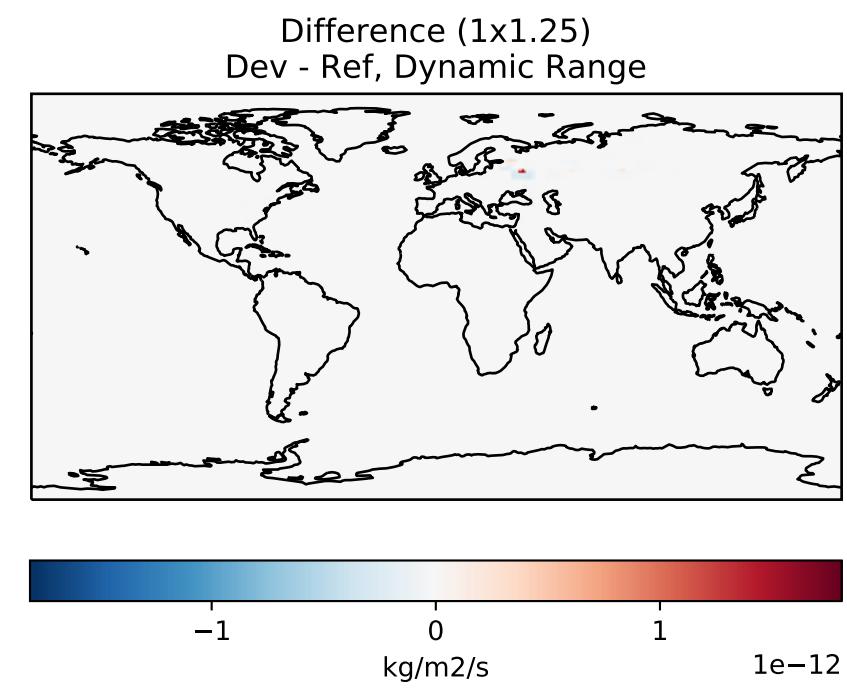
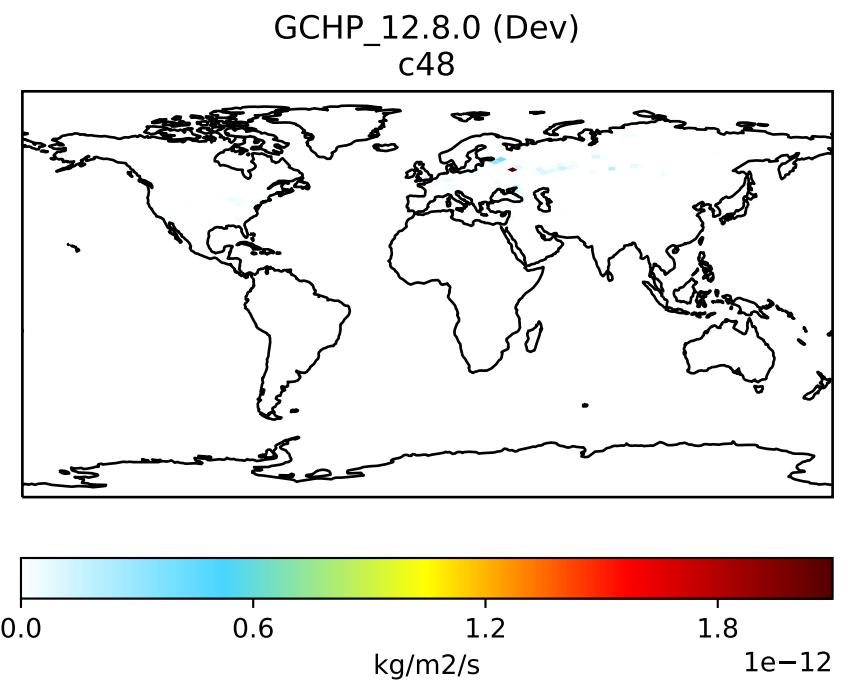
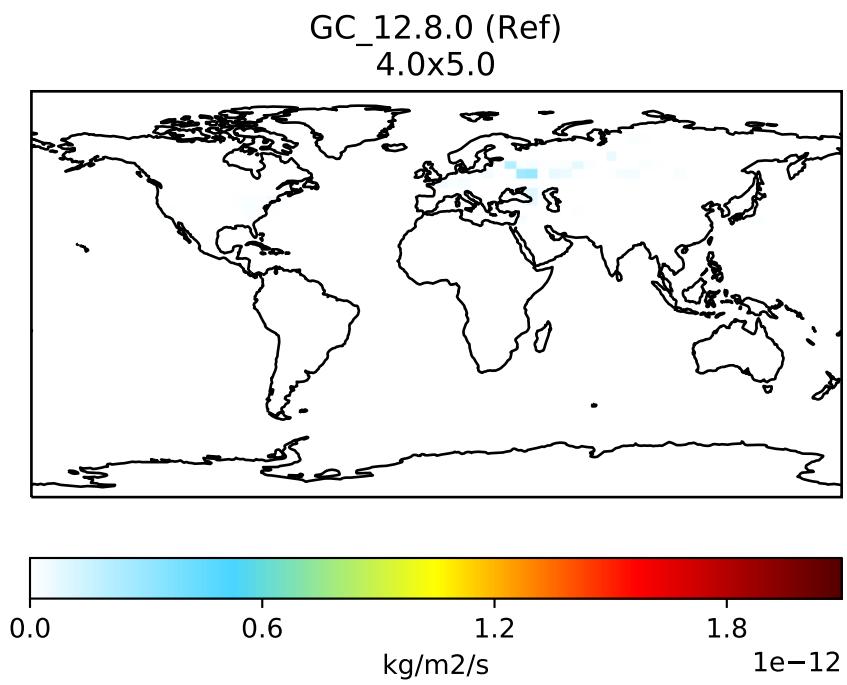
Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Dynamic Range



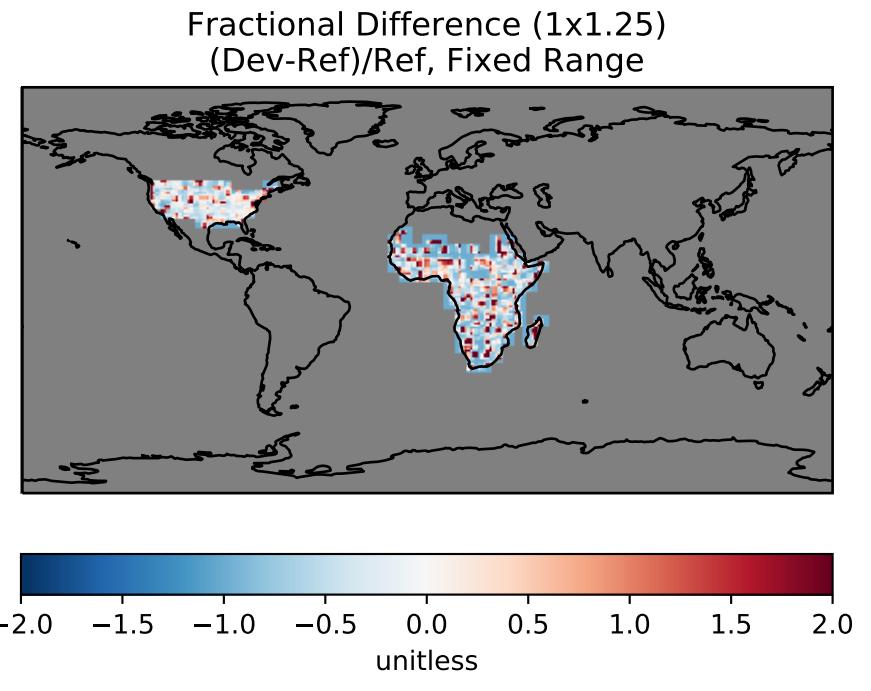
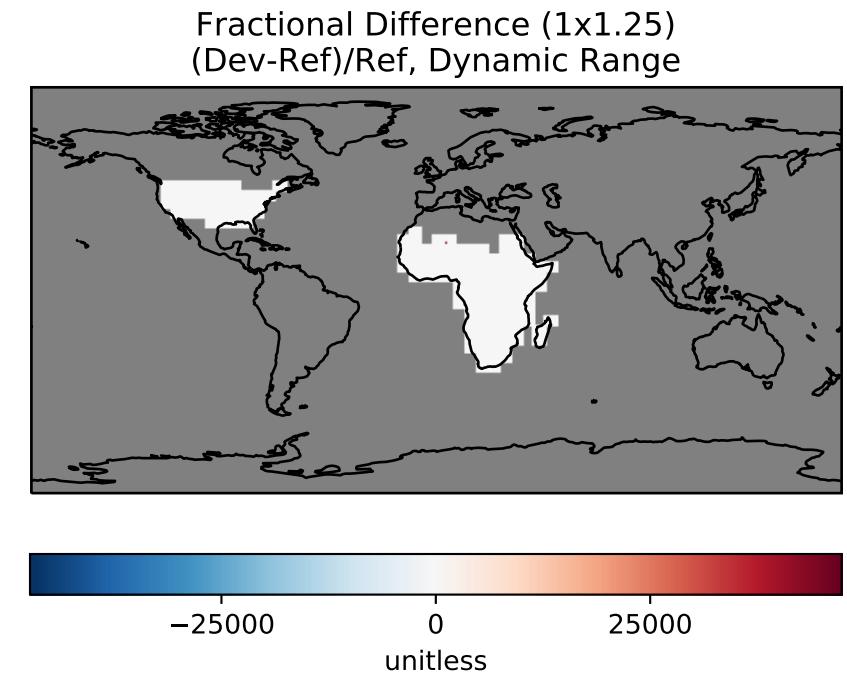
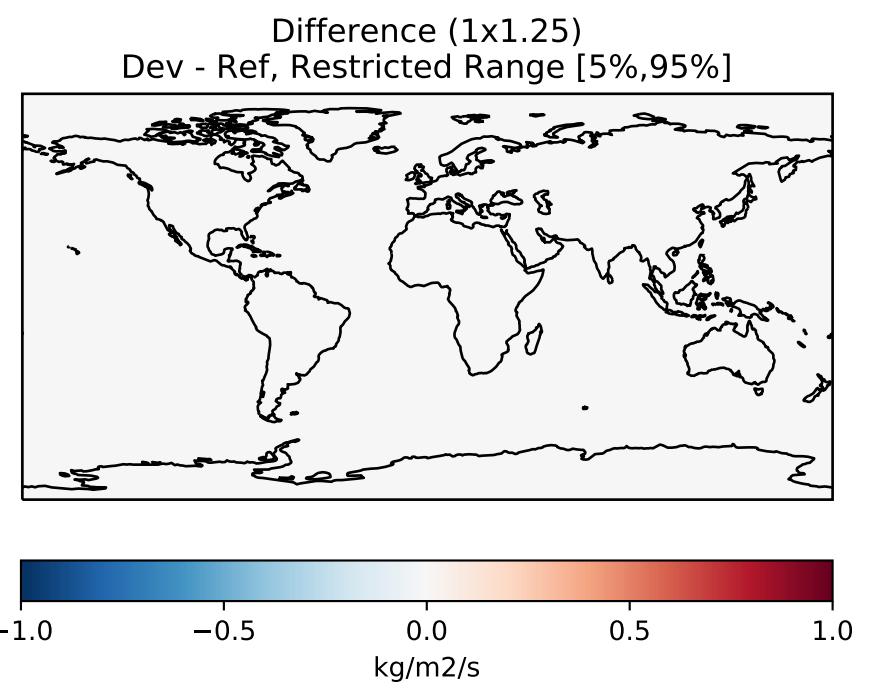
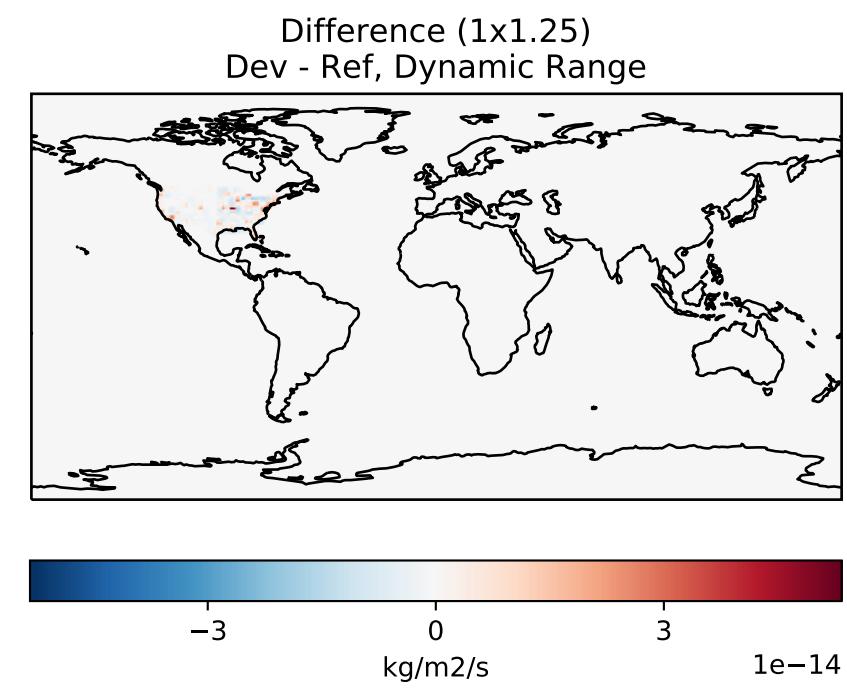
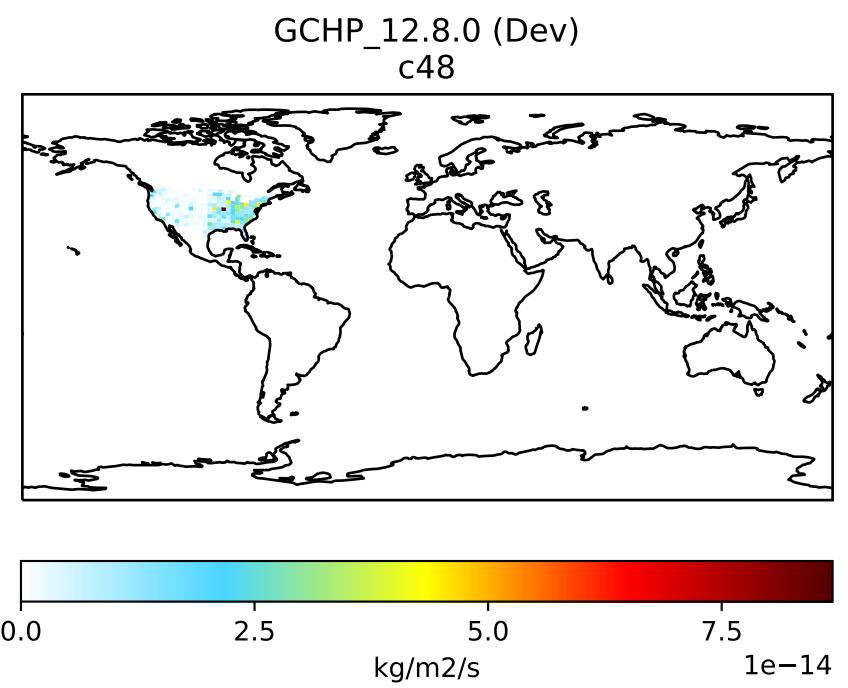
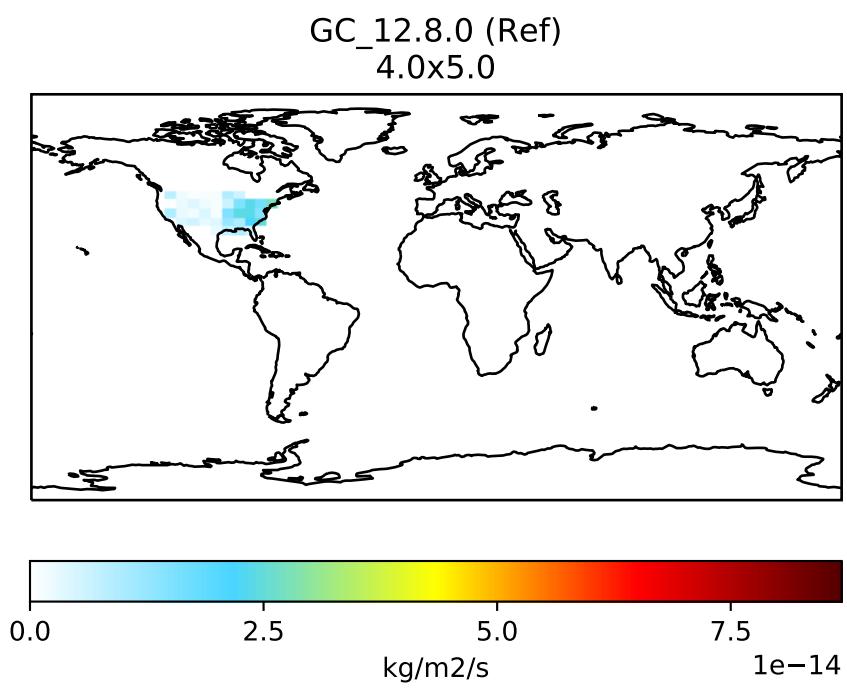
Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range



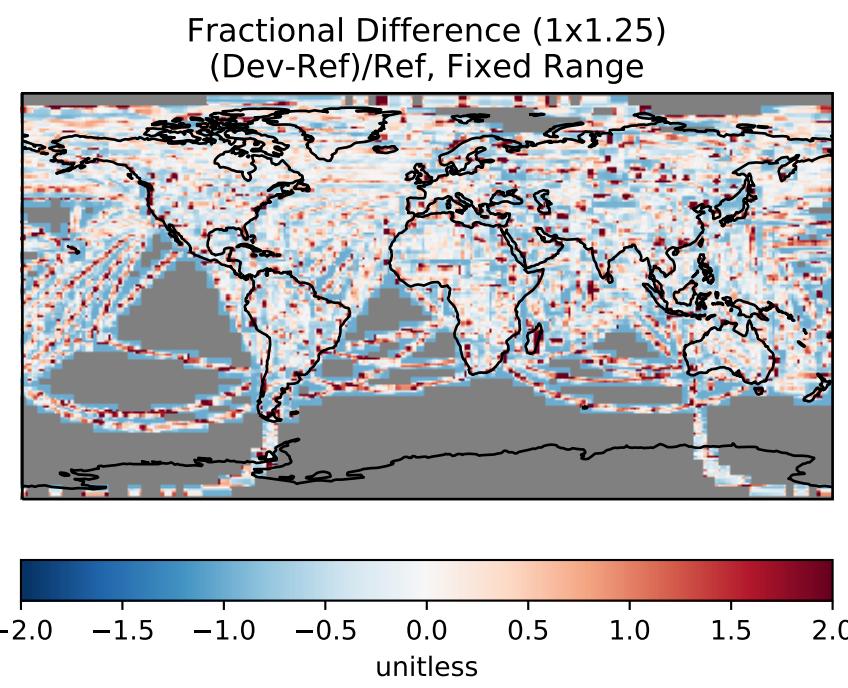
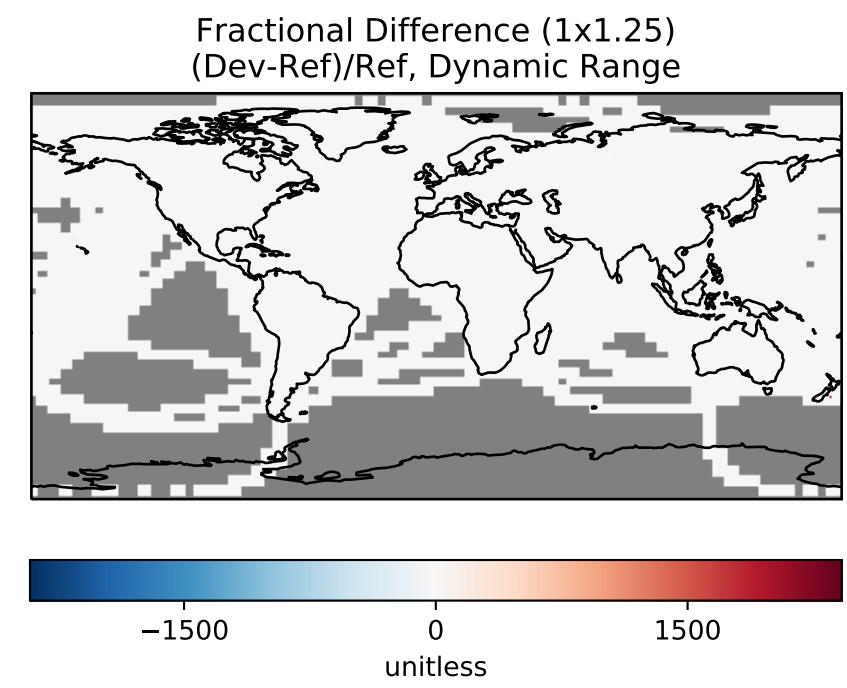
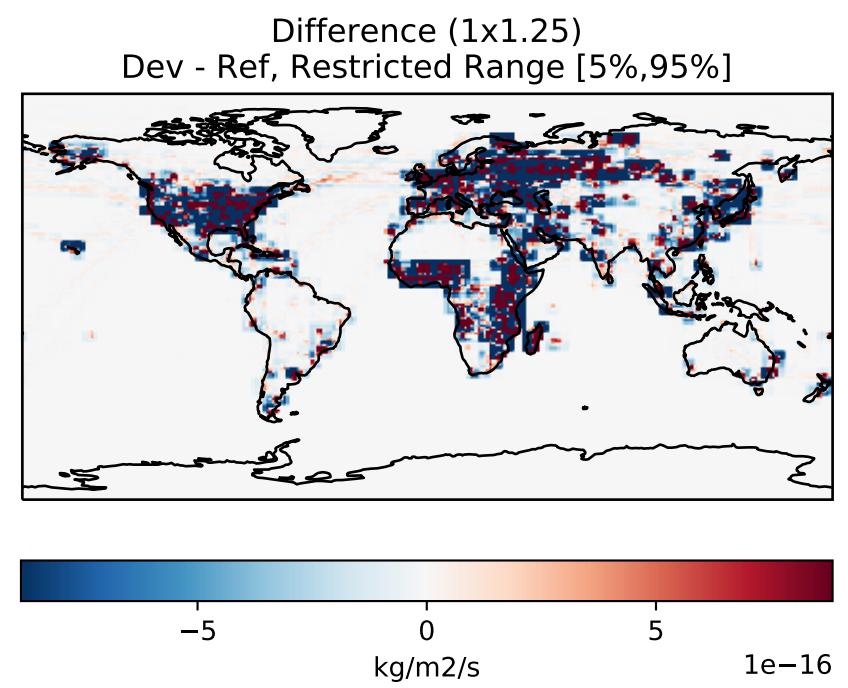
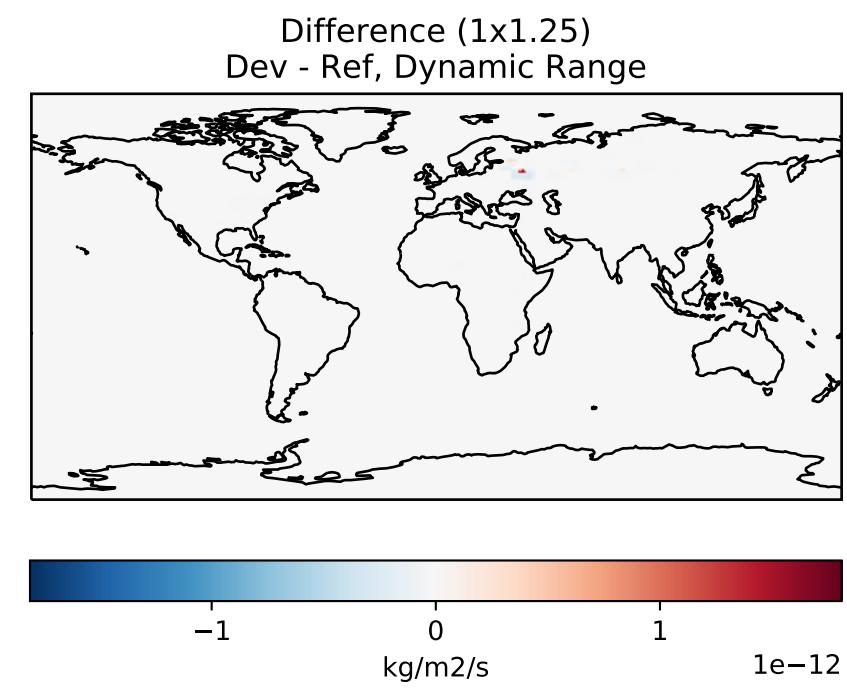
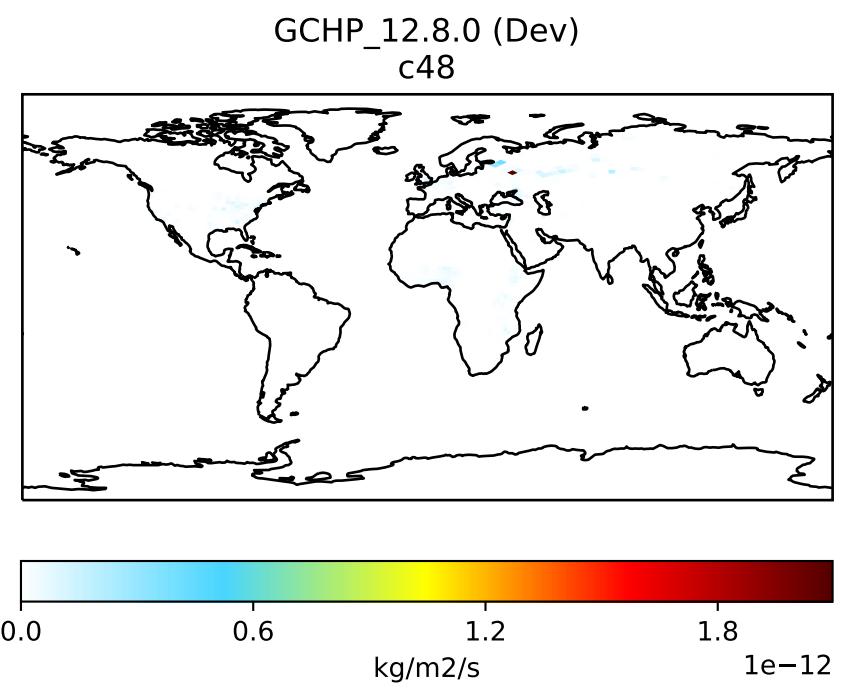
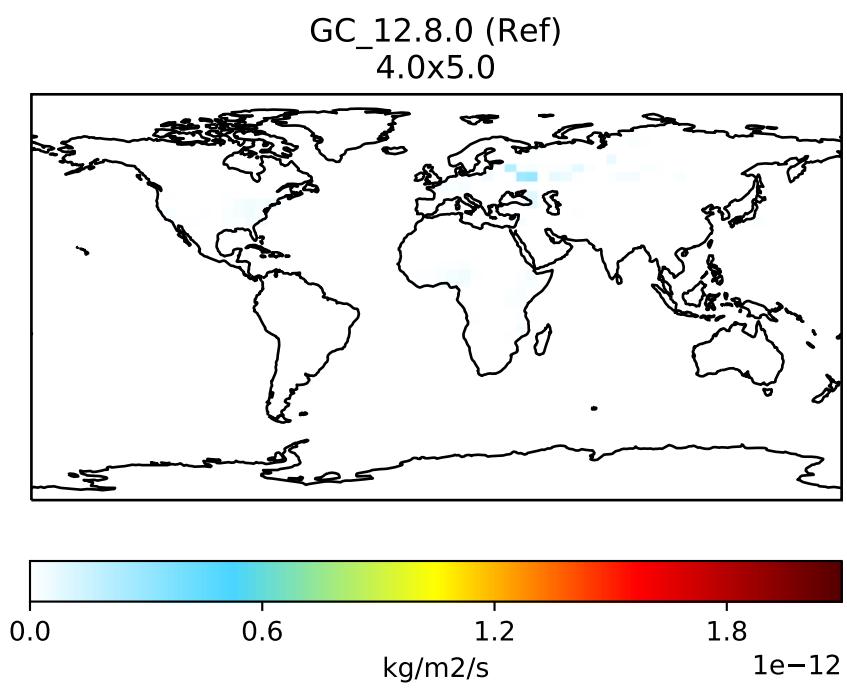
# EmisMACR\_Aircraft



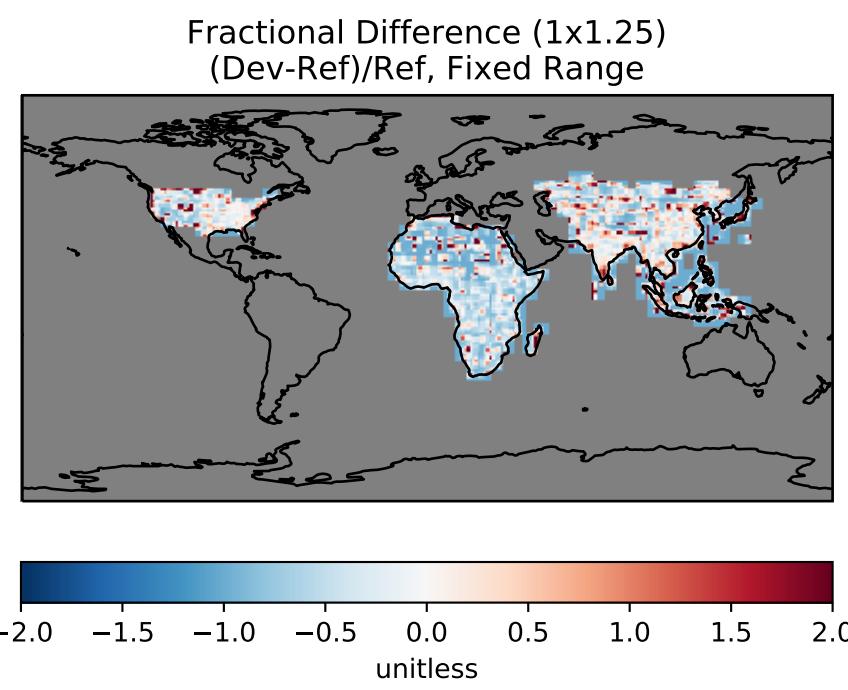
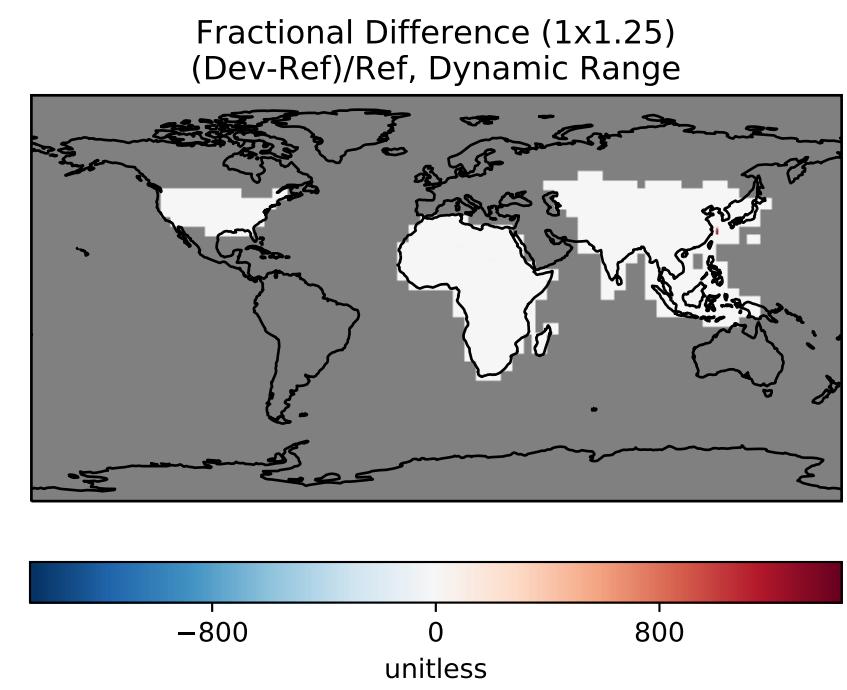
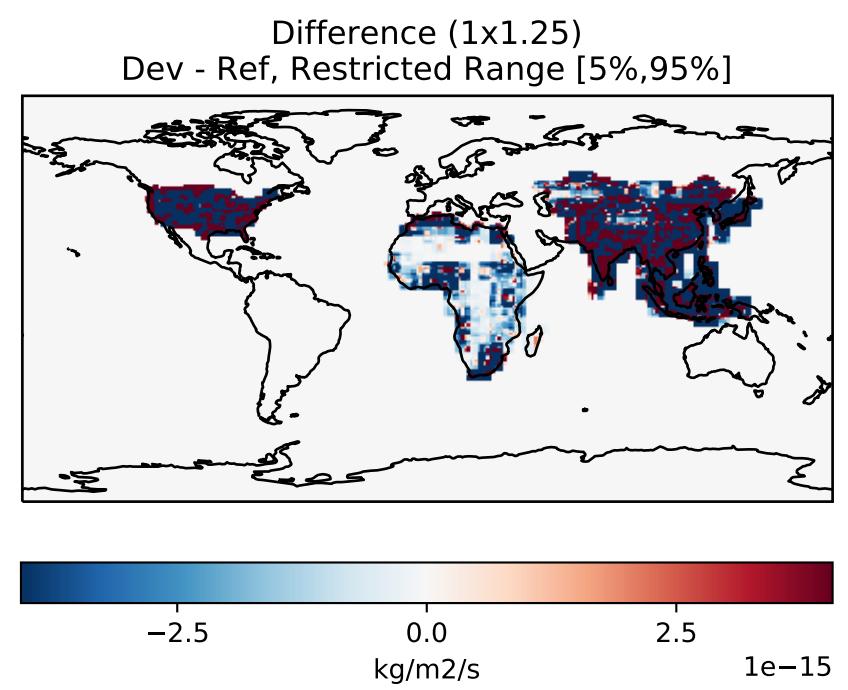
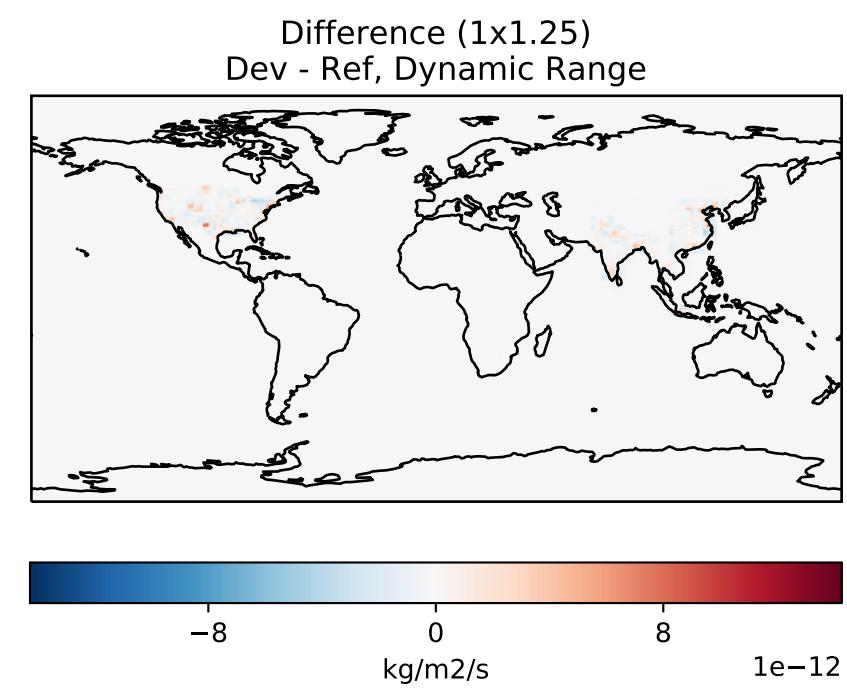
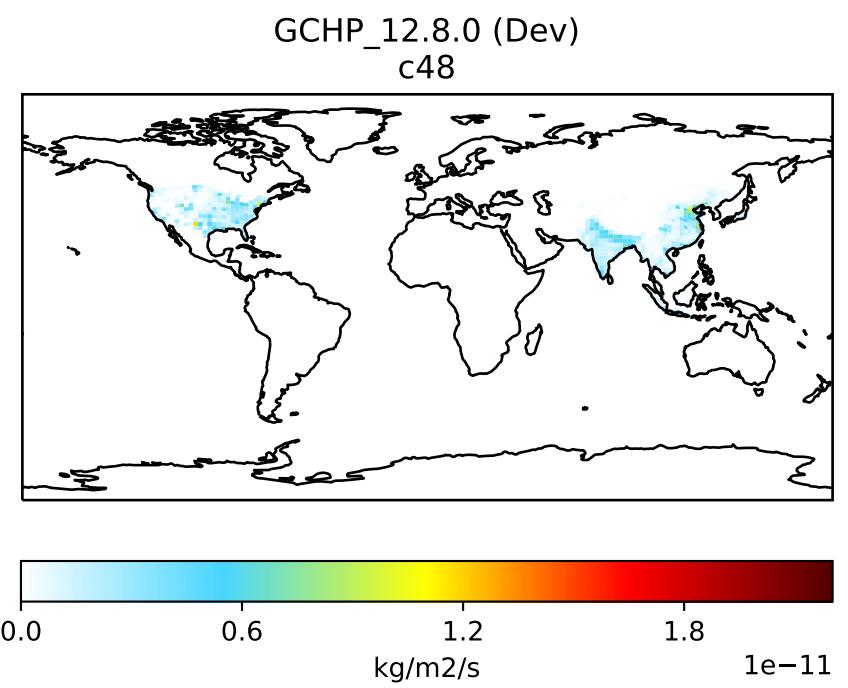
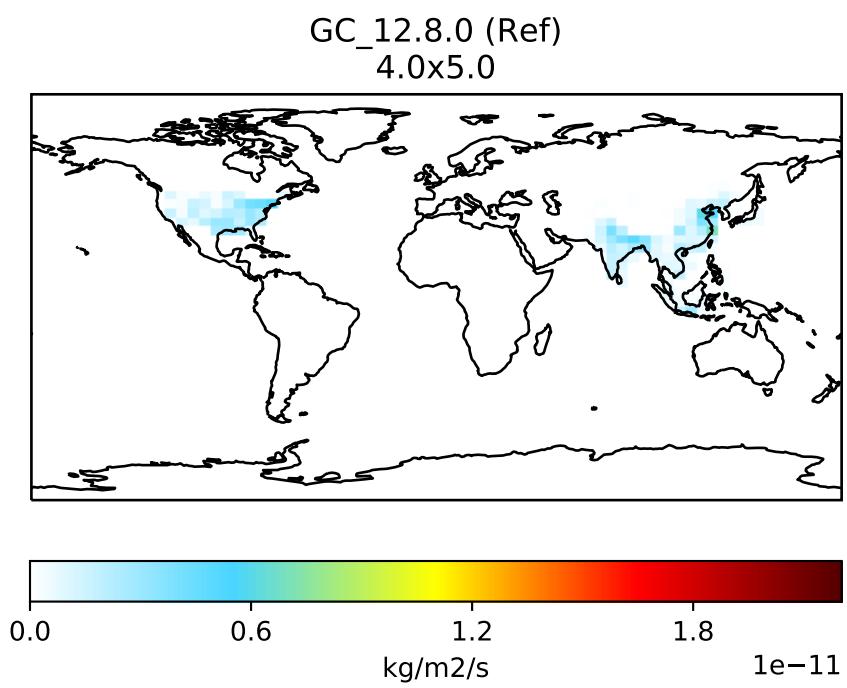
# EmisMACR\_Anthro



# EmisMACR\_Total

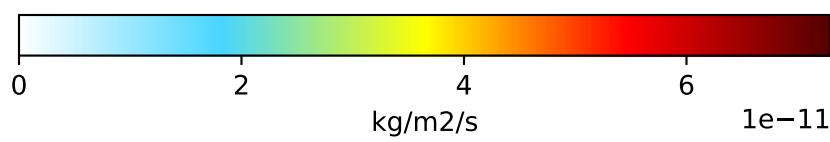
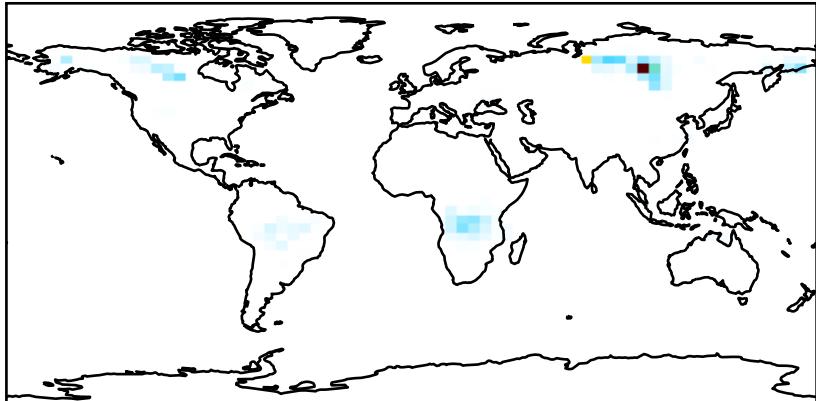


# EmisACET\_Anthro

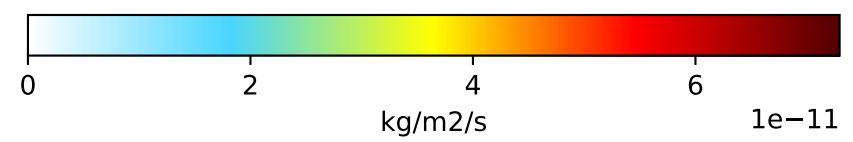
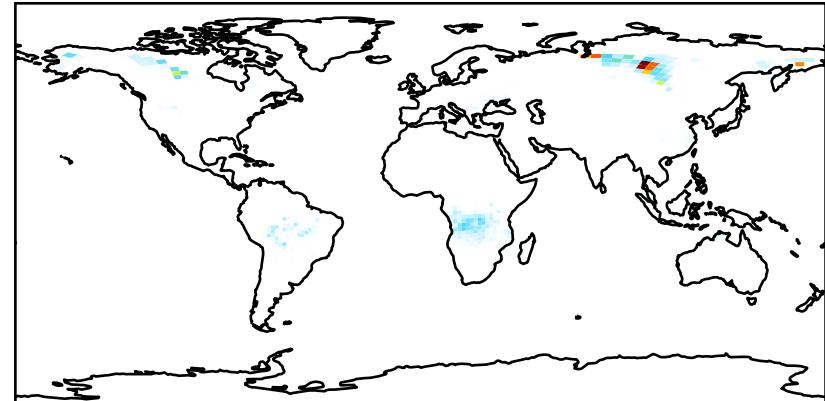


# EmisACET\_BioBurn

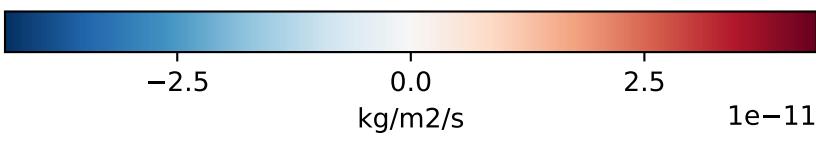
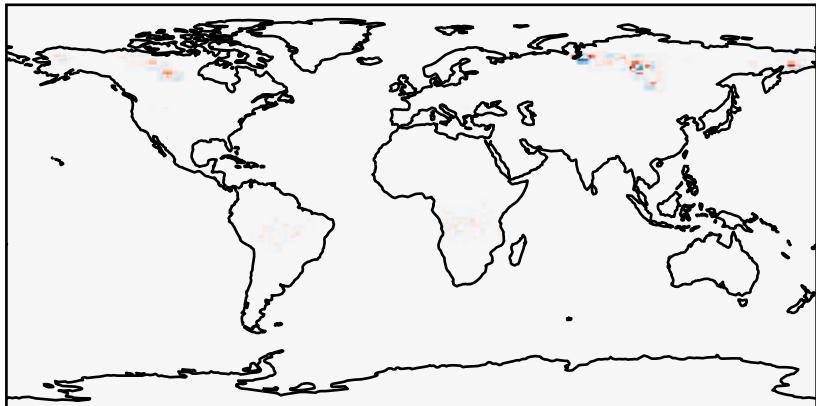
GC\_12.8.0 (Ref)  
4.0x5.0



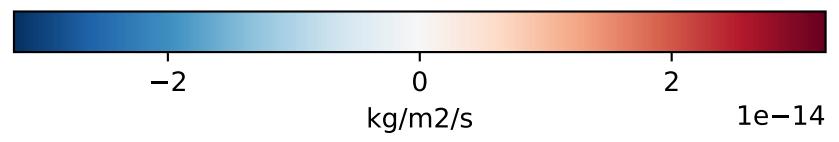
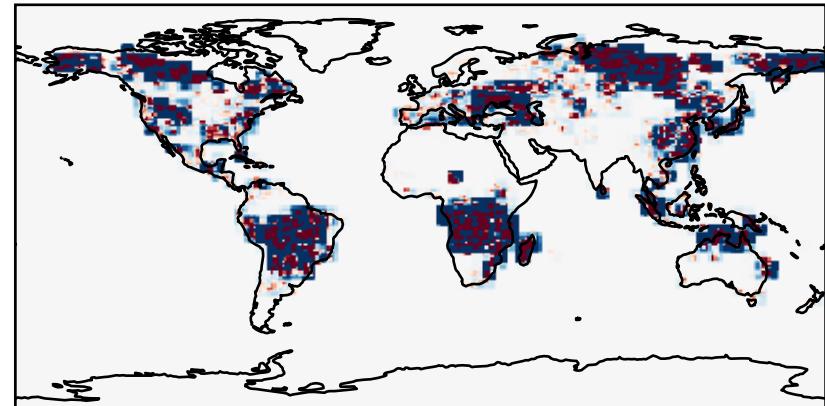
GCHP\_12.8.0 (Dev)  
c48



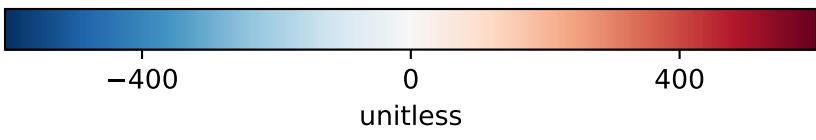
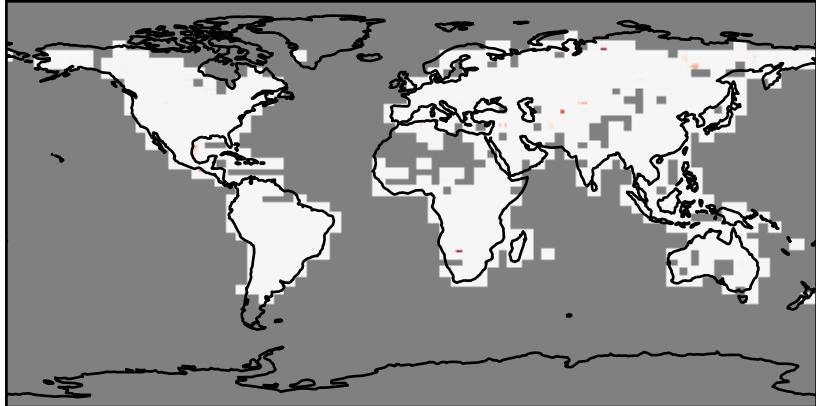
Difference (1x1.25)  
Dev - Ref, Dynamic Range



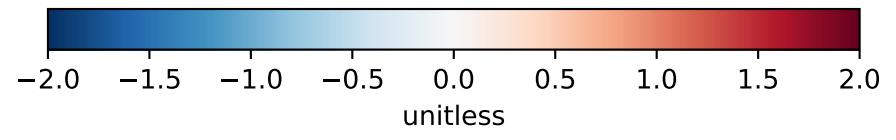
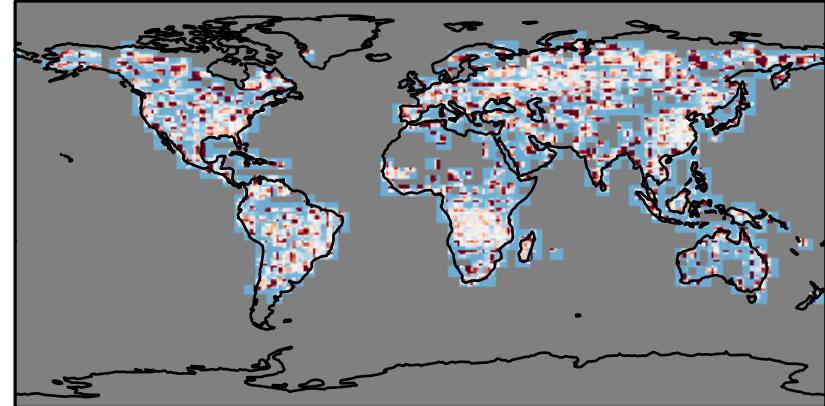
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



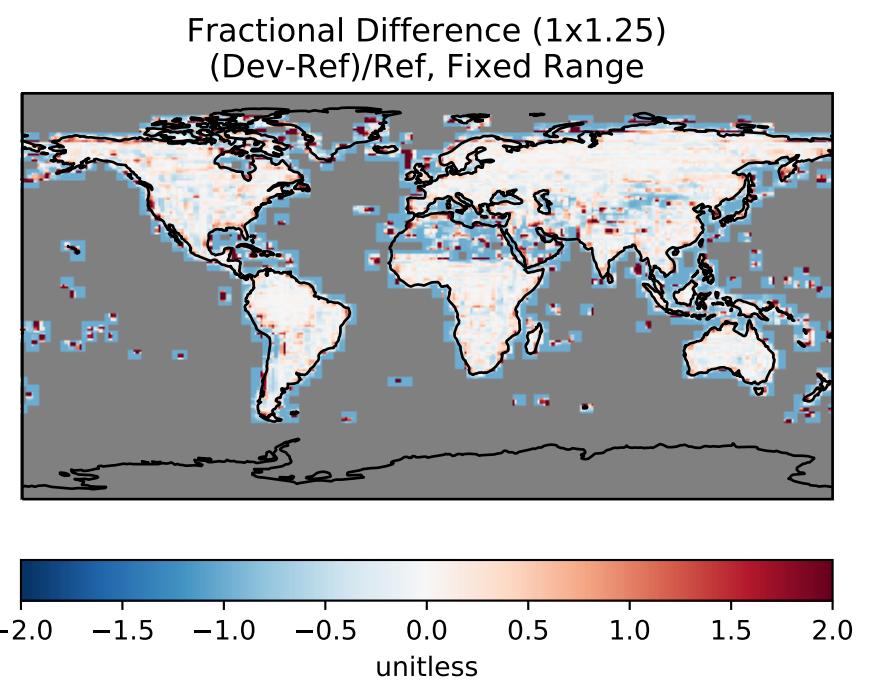
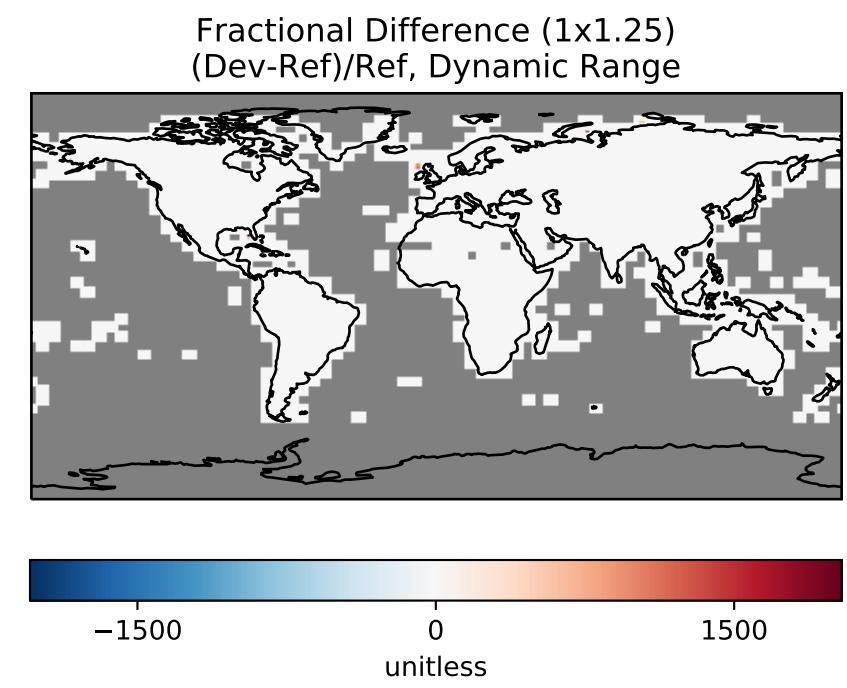
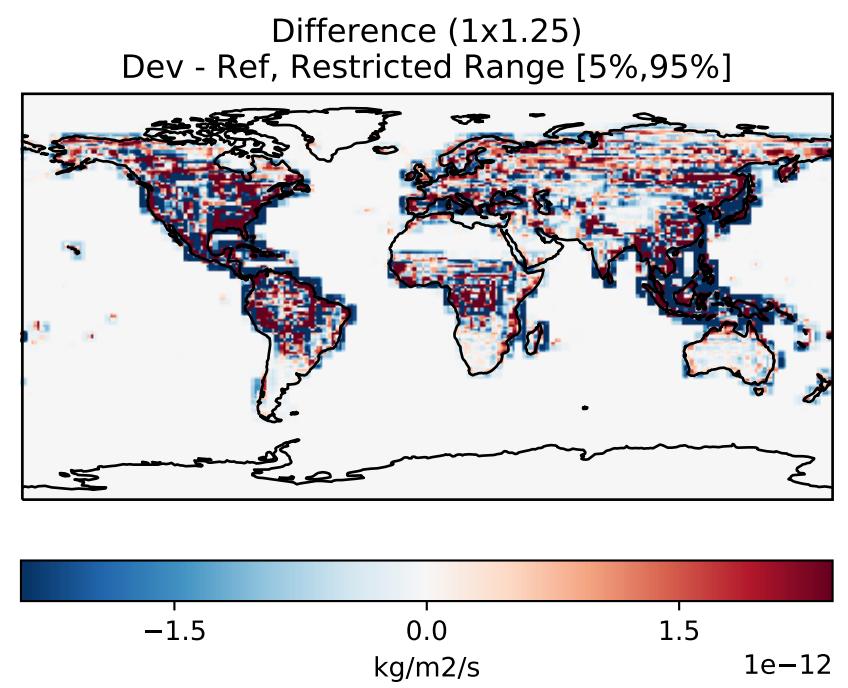
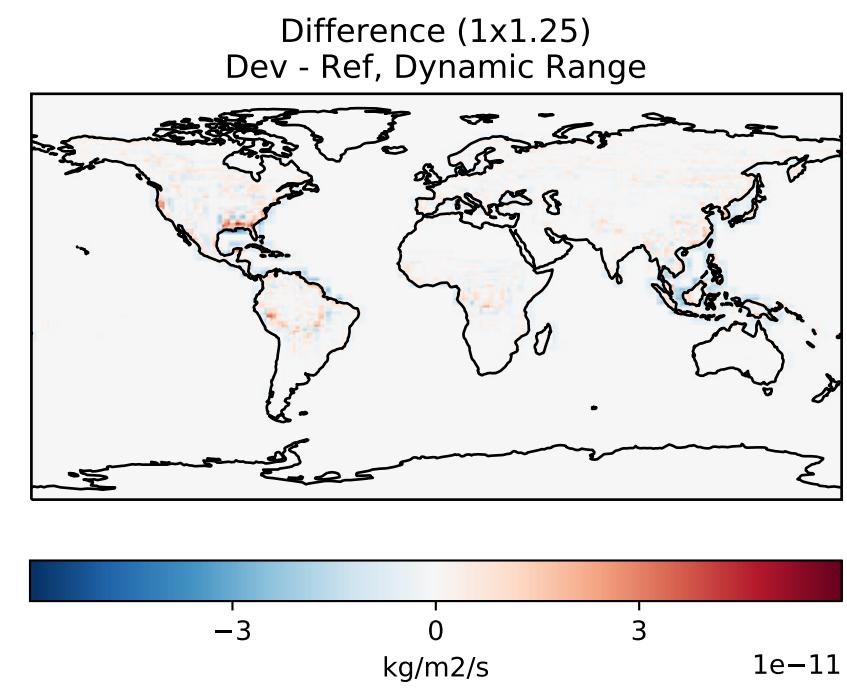
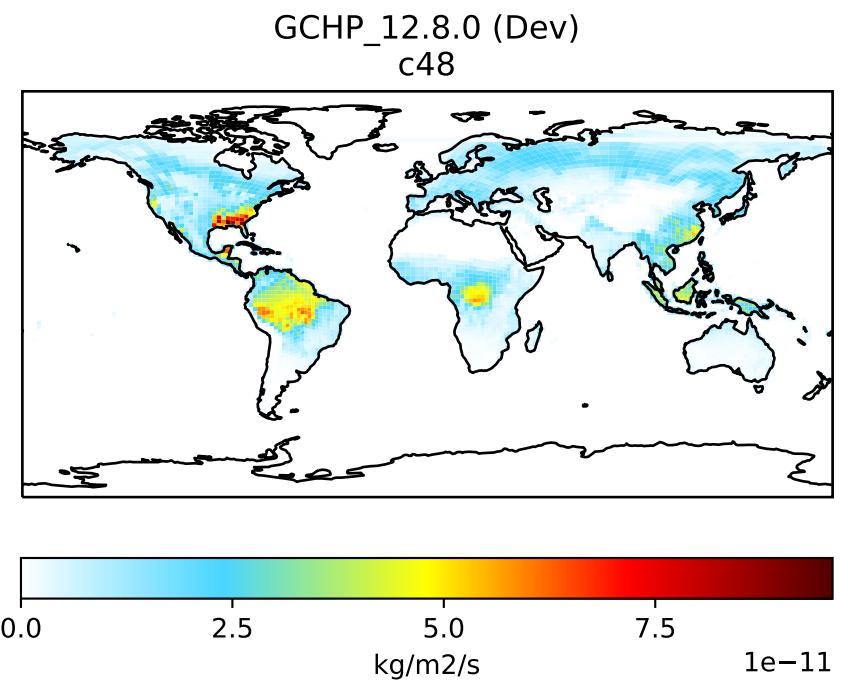
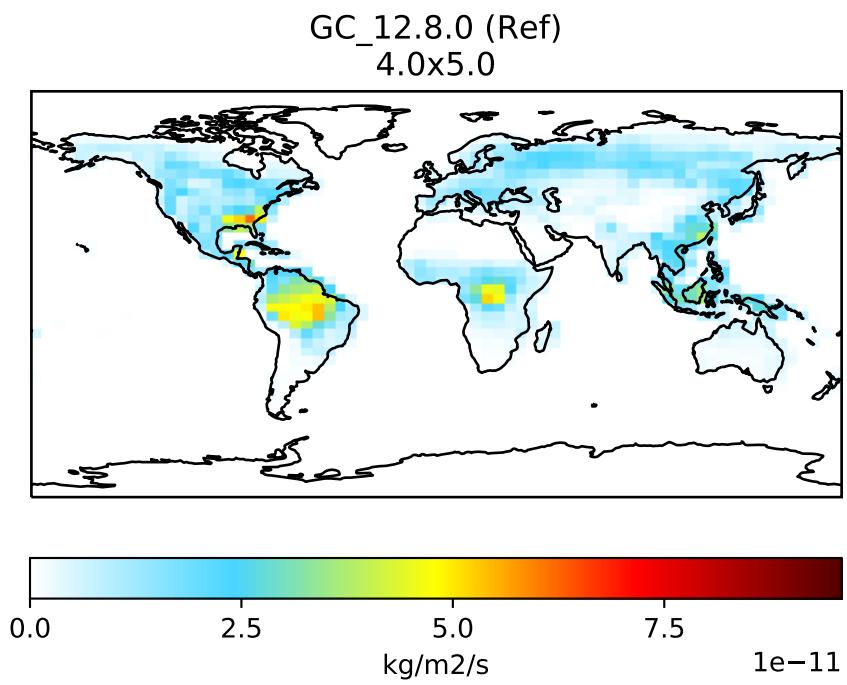
Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Dynamic Range



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

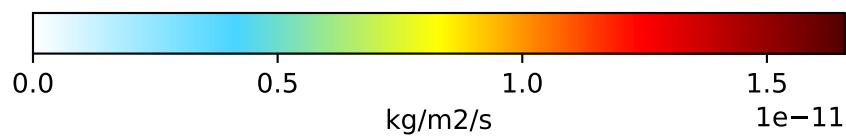
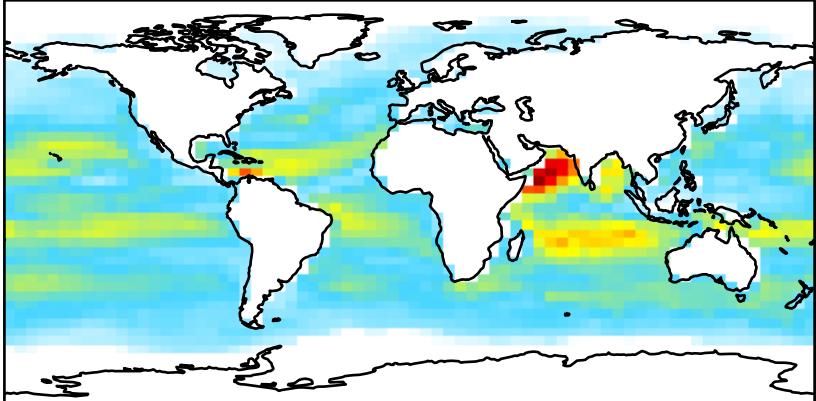


# EmisACET\_Biogenic

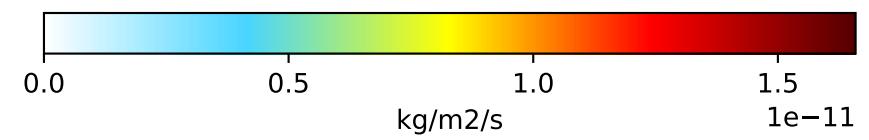
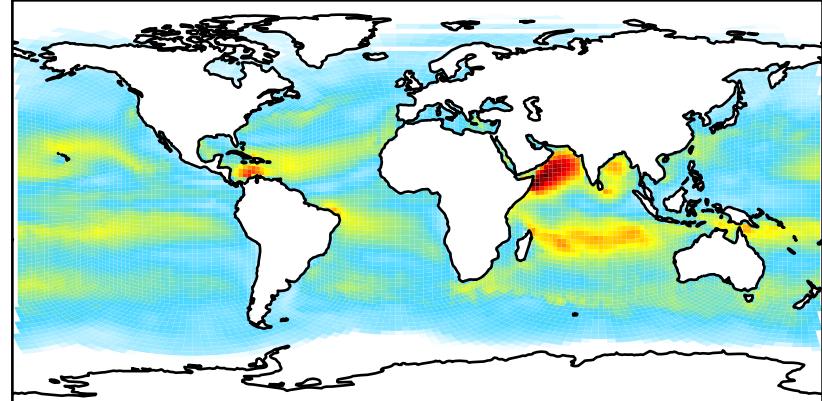


# EmisACET\_Ocean

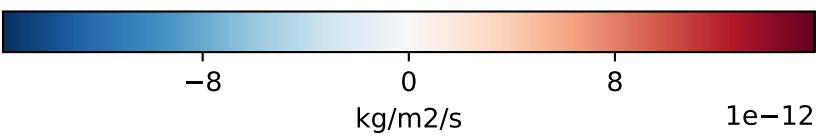
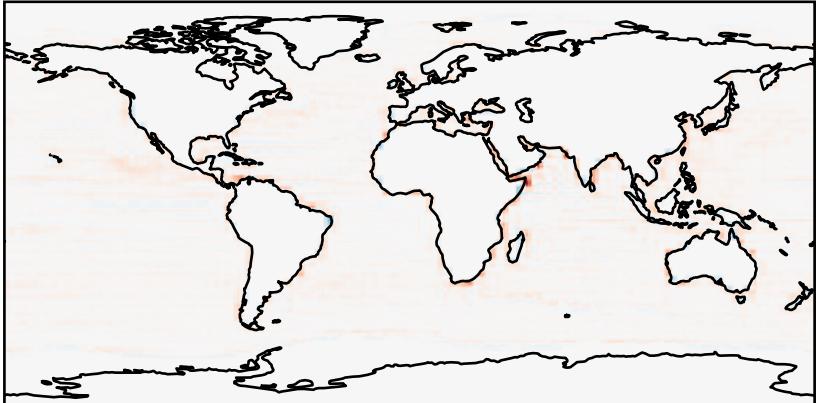
GC\_12.8.0 (Ref)  
4.0x5.0



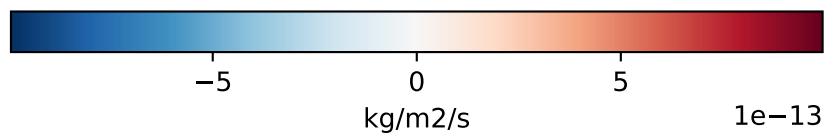
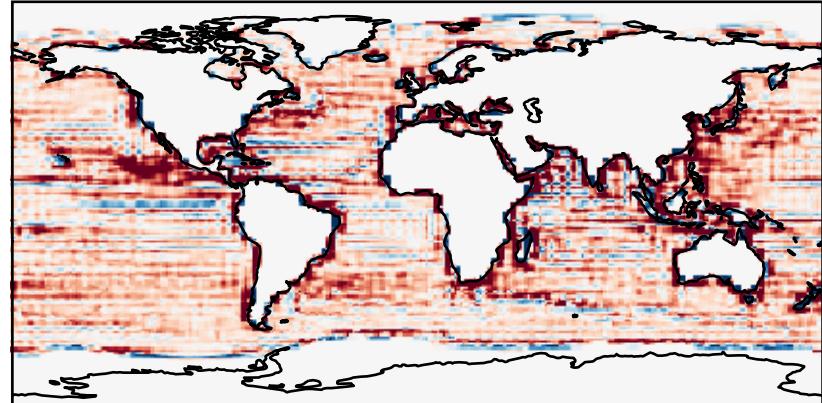
GCHP\_12.8.0 (Dev)  
c48



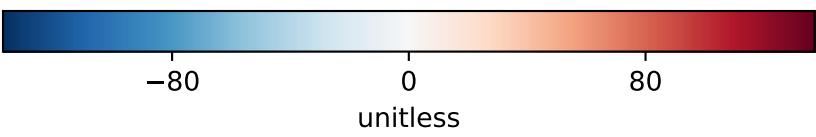
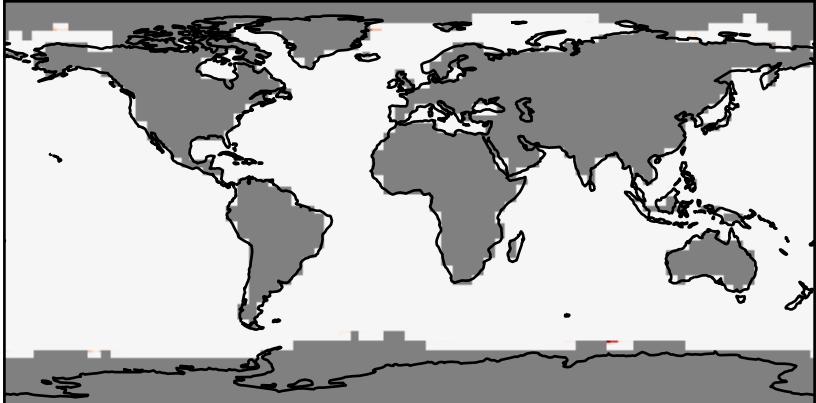
Difference (1x1.25)  
Dev - Ref, Dynamic Range



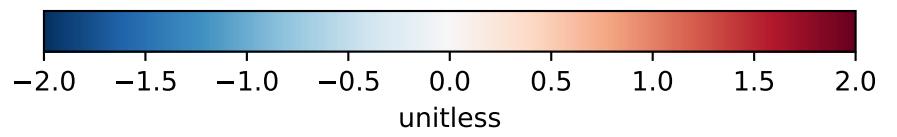
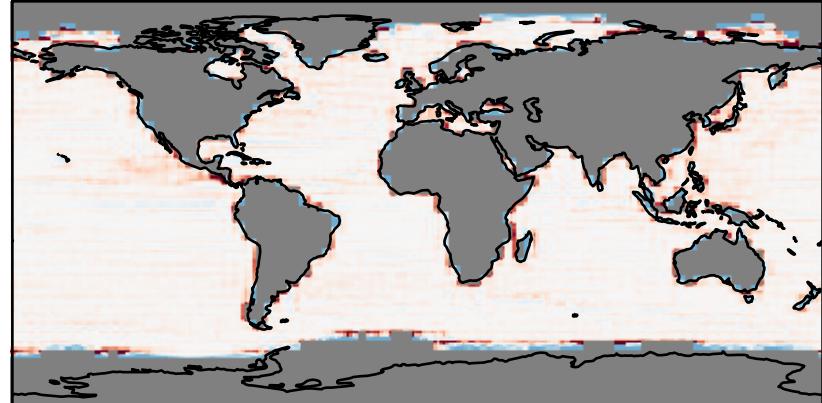
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



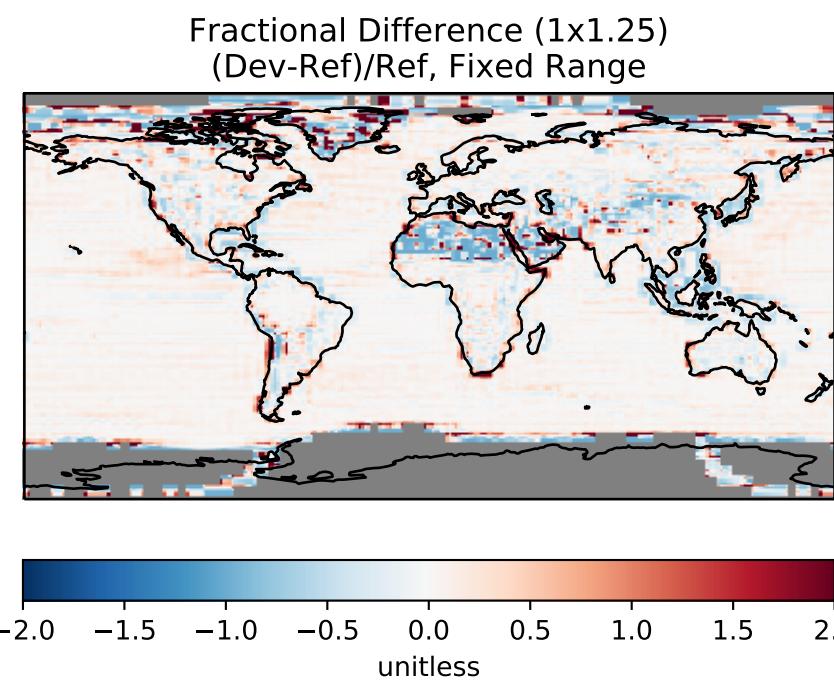
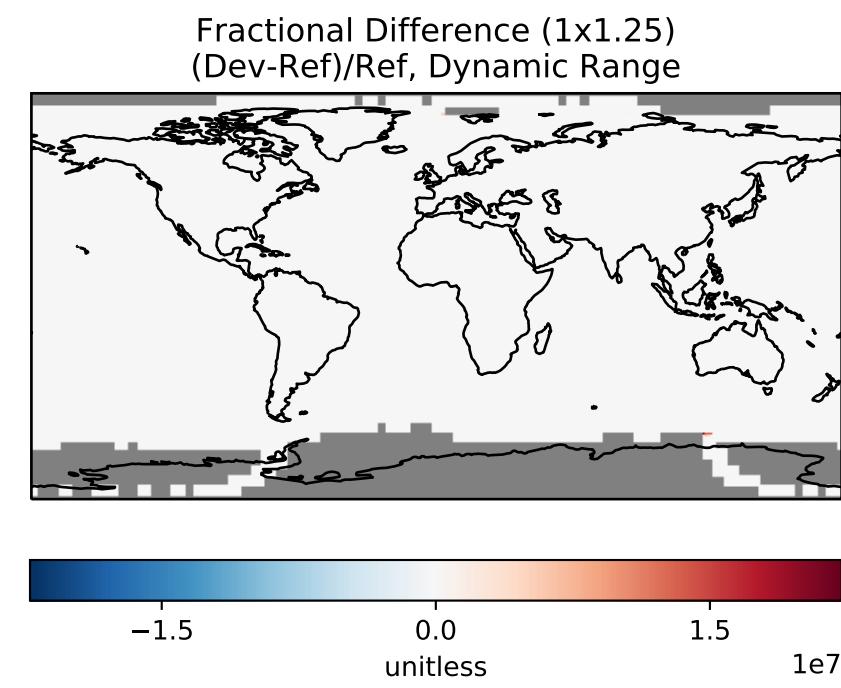
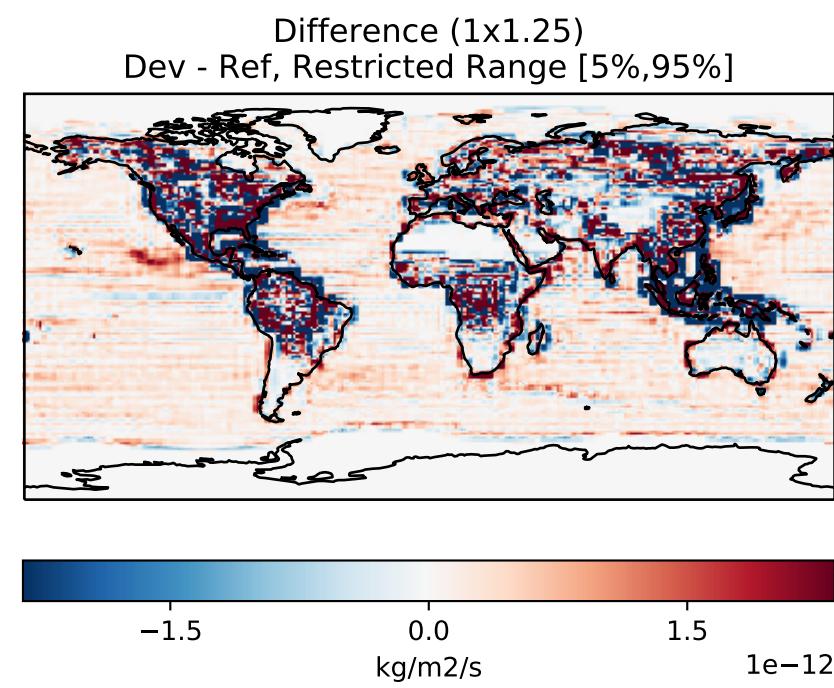
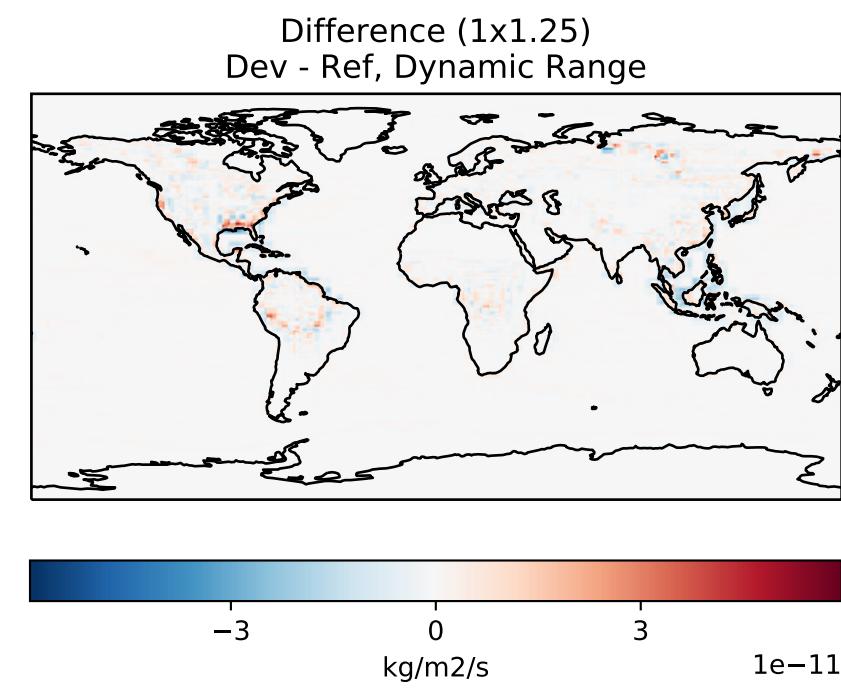
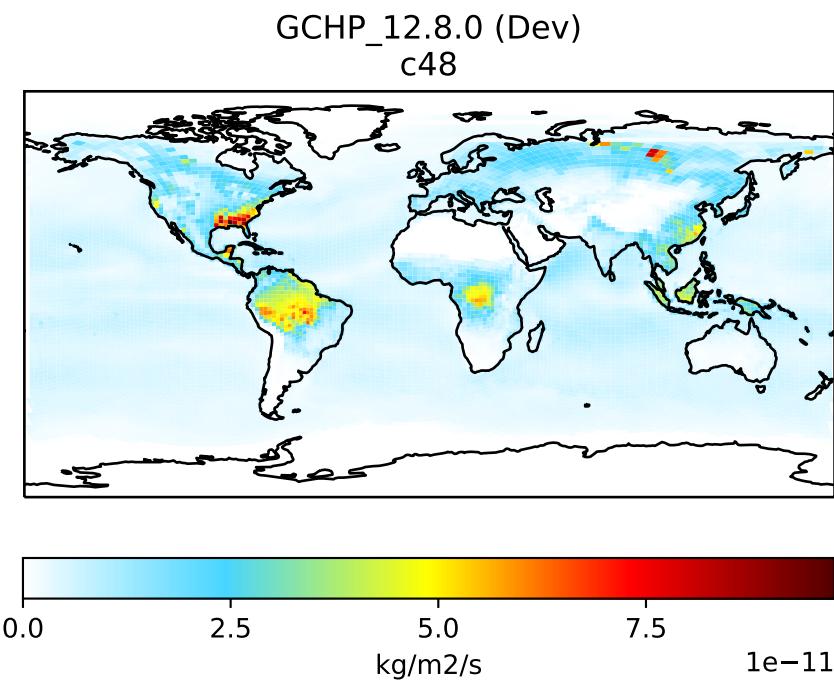
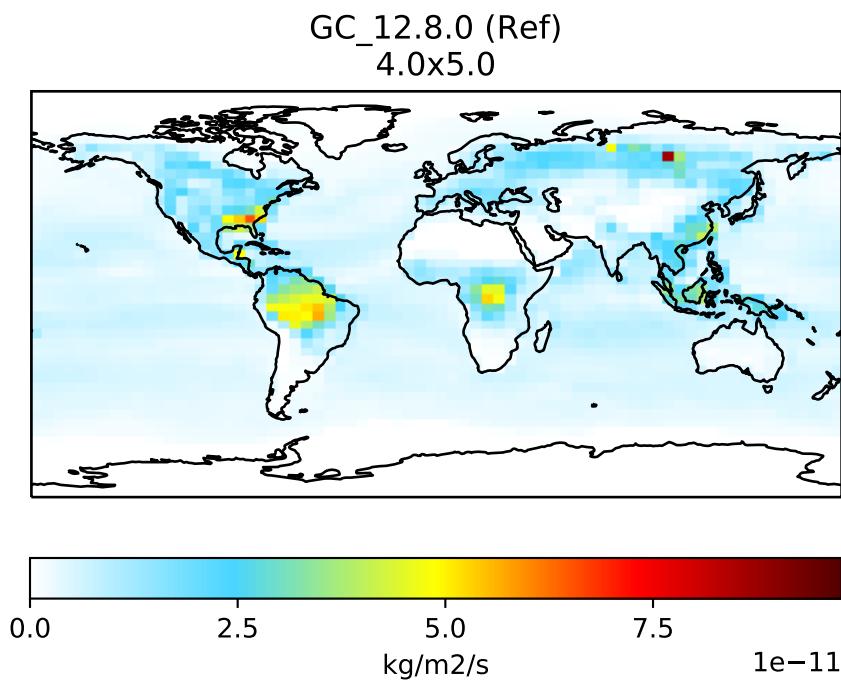
Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Dynamic Range



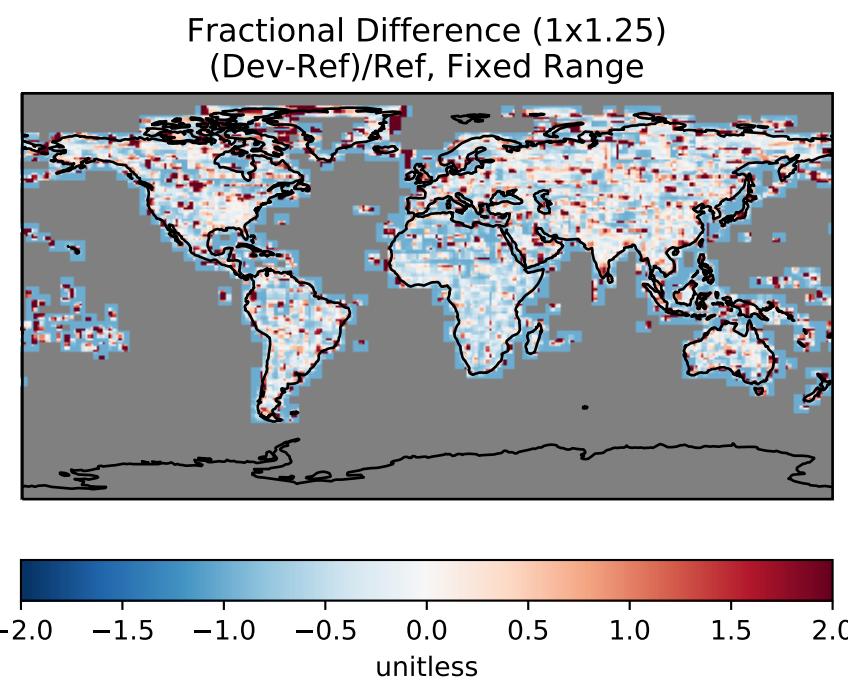
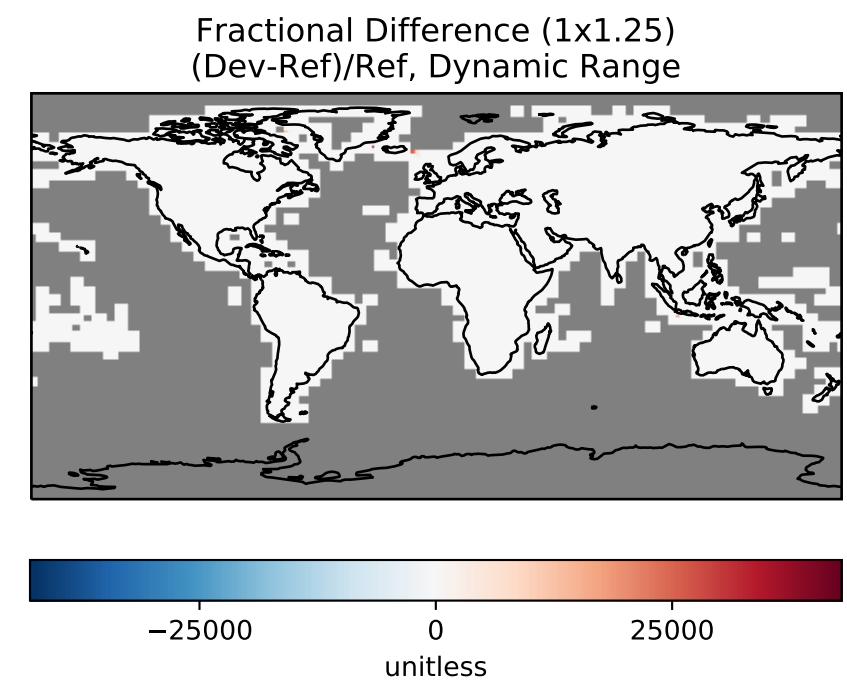
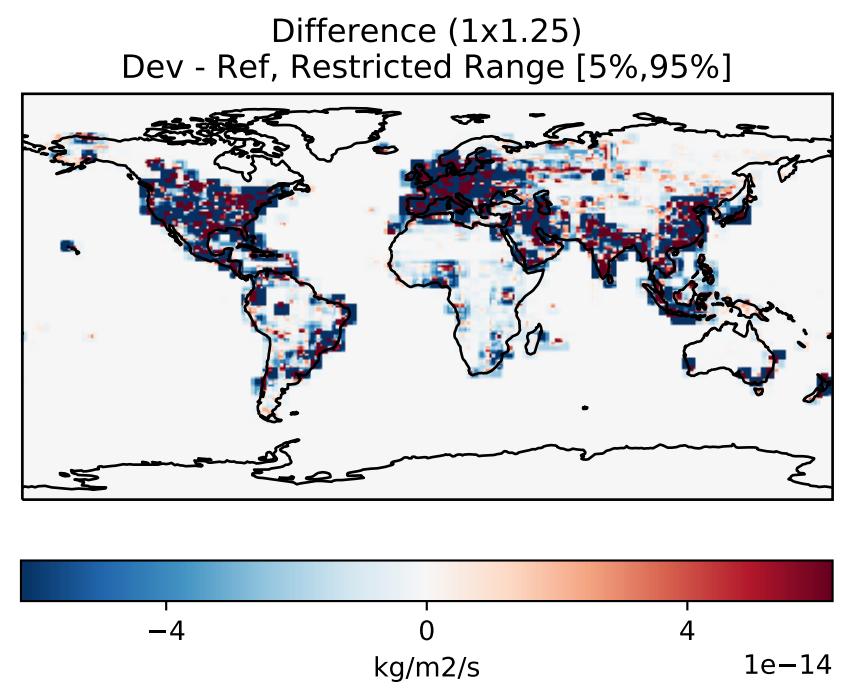
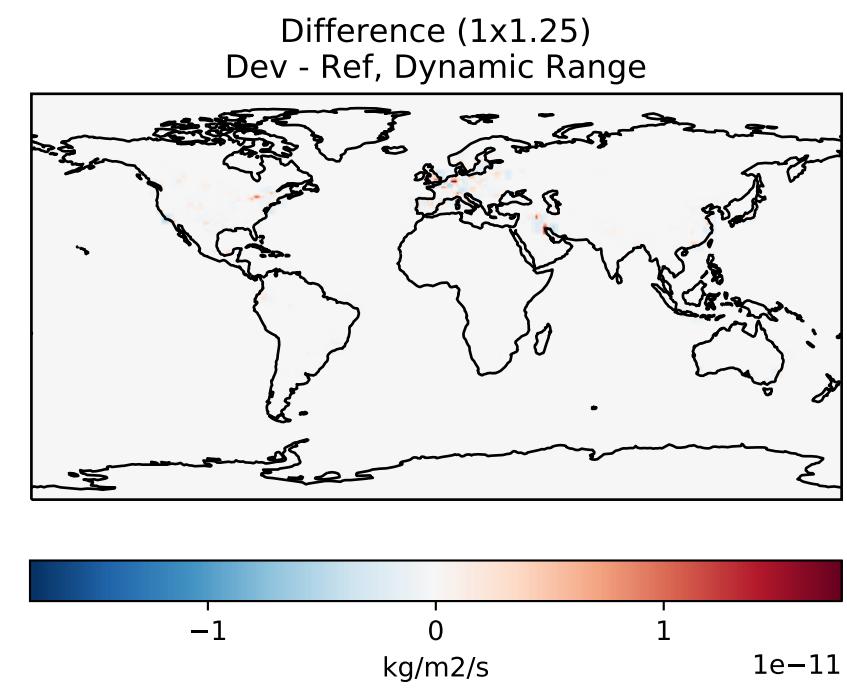
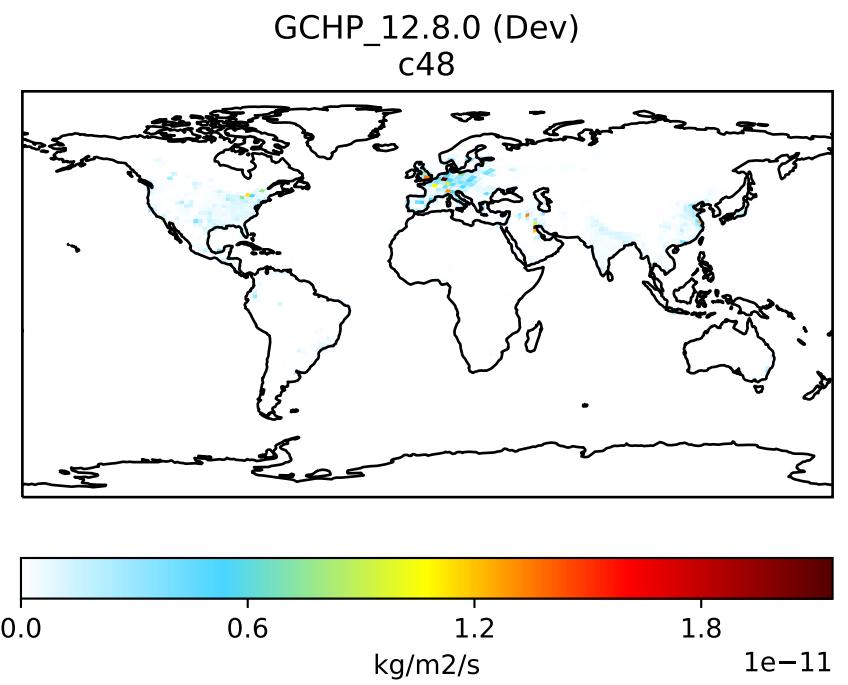
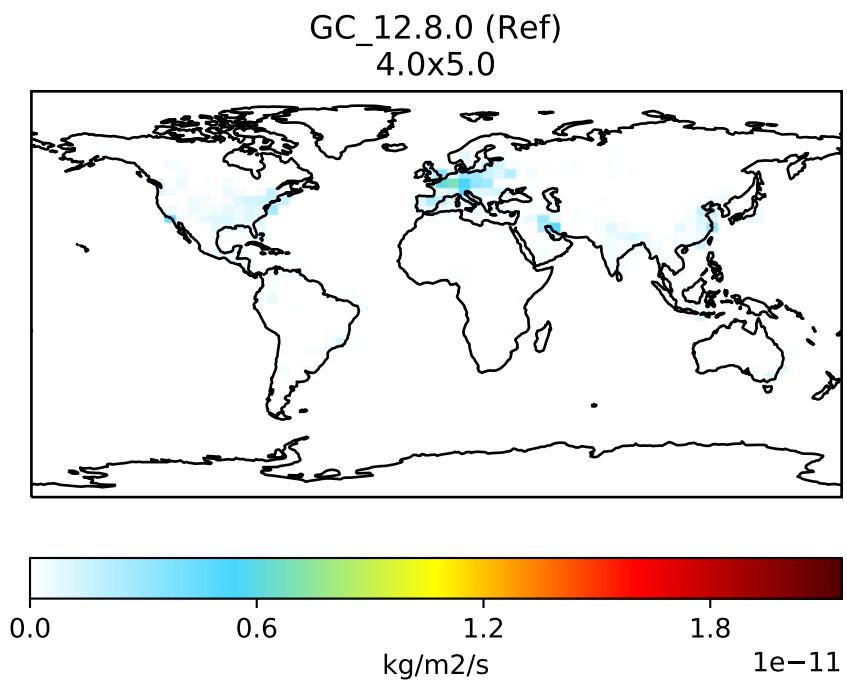
Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range



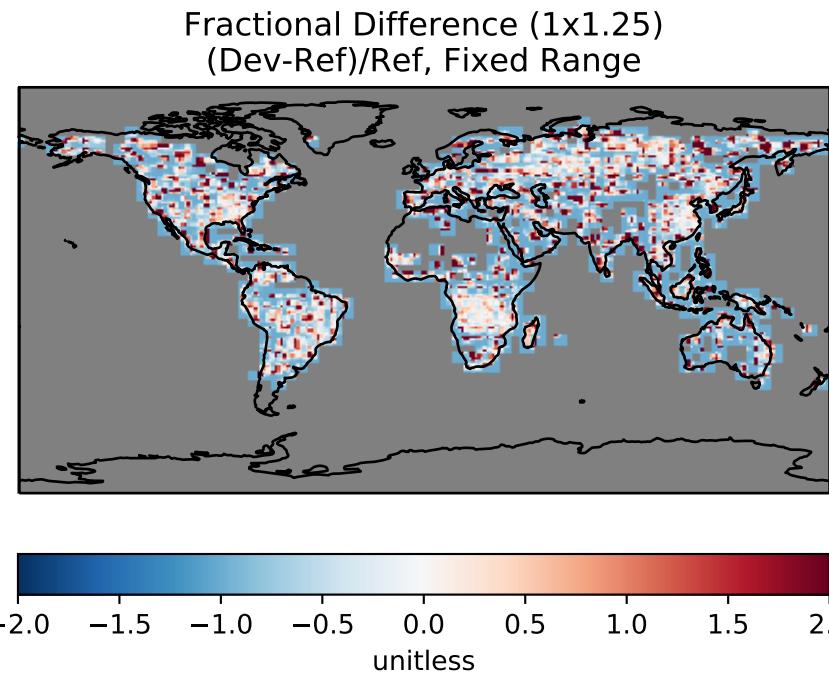
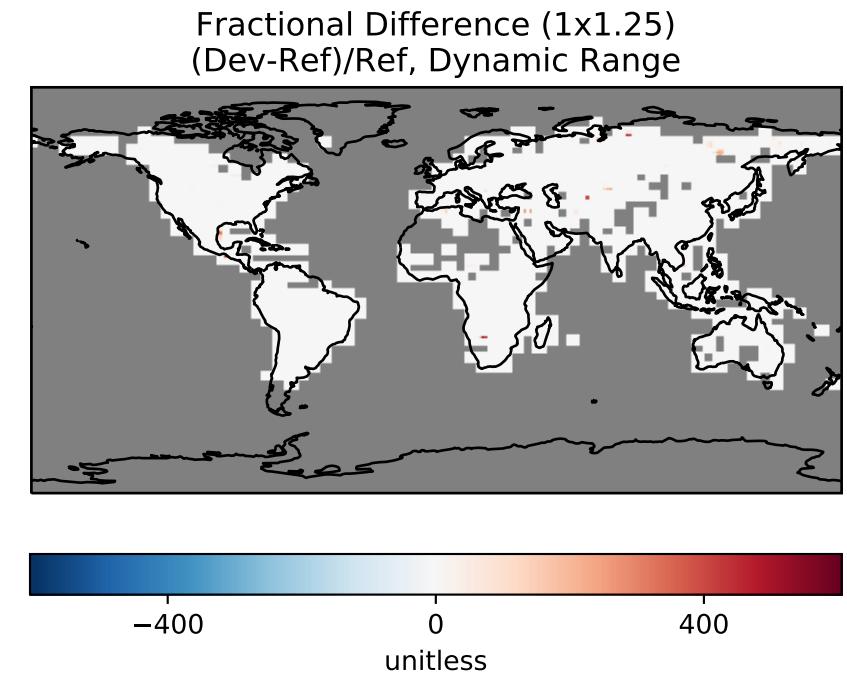
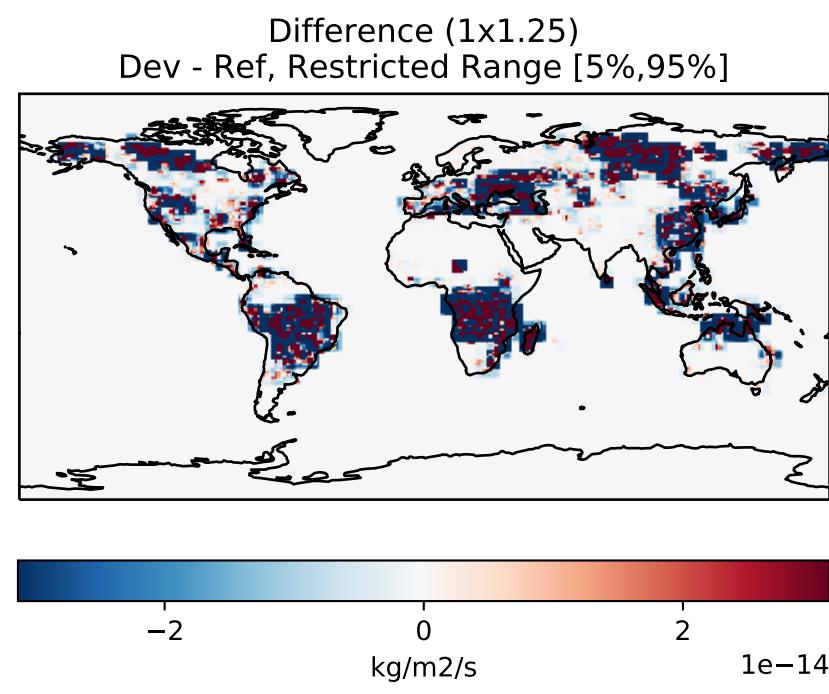
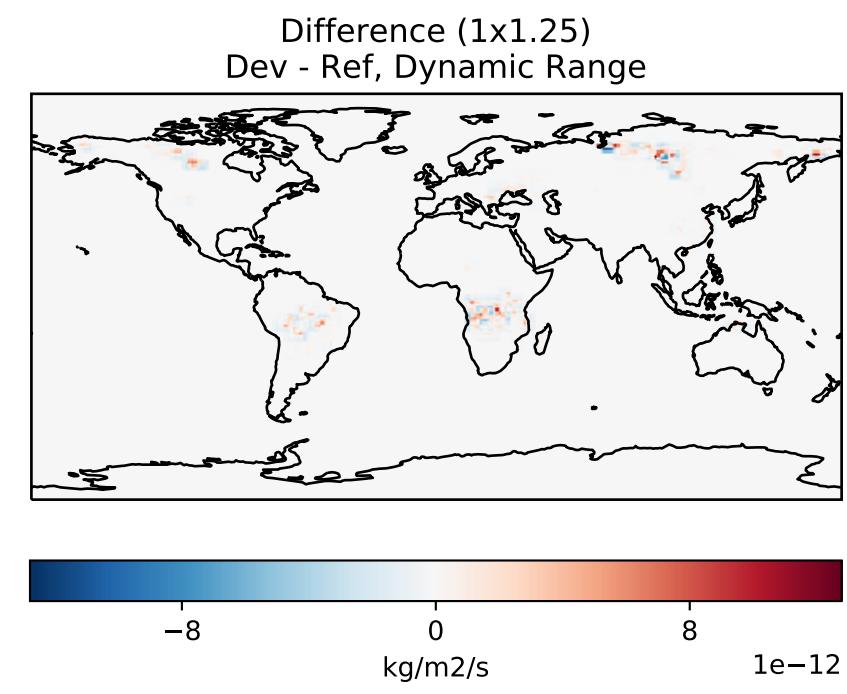
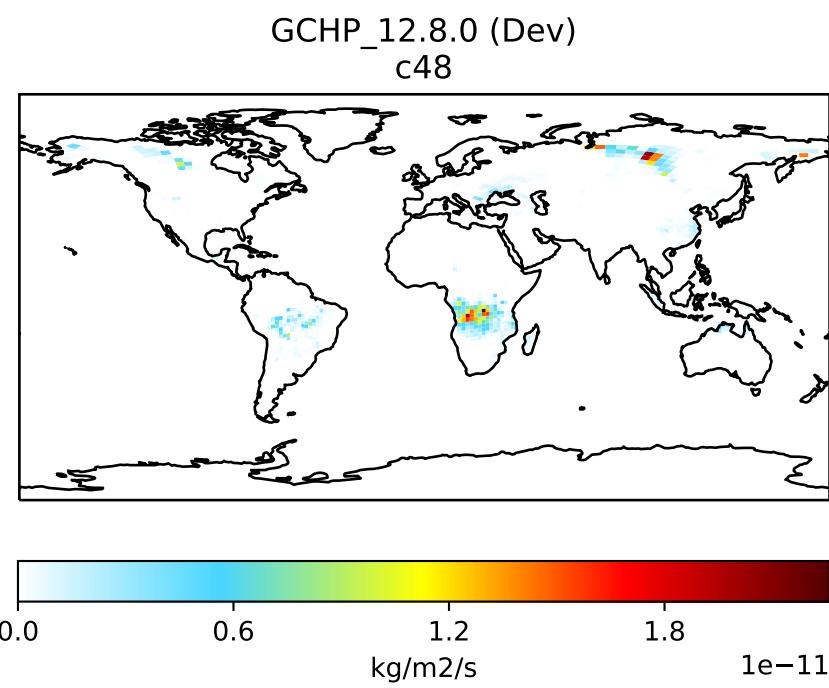
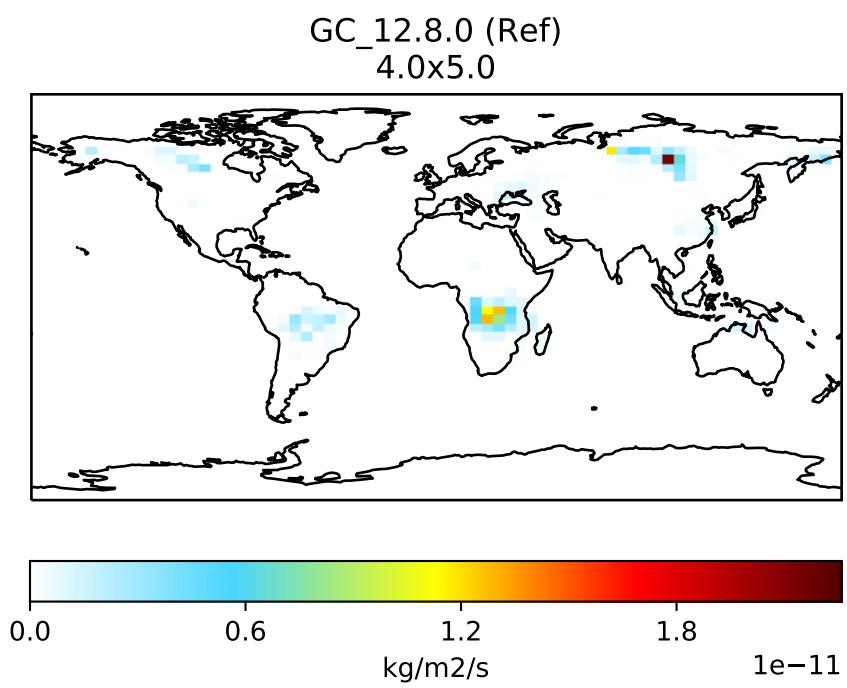
# EmisACET\_Total



# EmisMEK\_Anthro

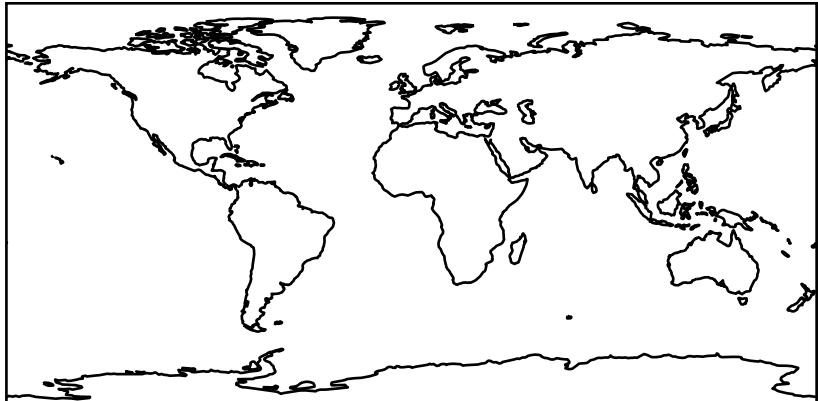


# EmisMEK\_BioBurn



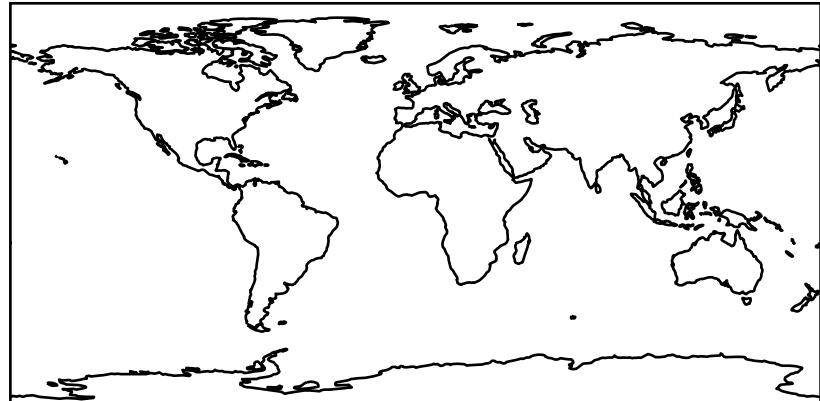
# EmisMEK\_Ship

GC\_12.8.0 (Ref)  
4.0x5.0



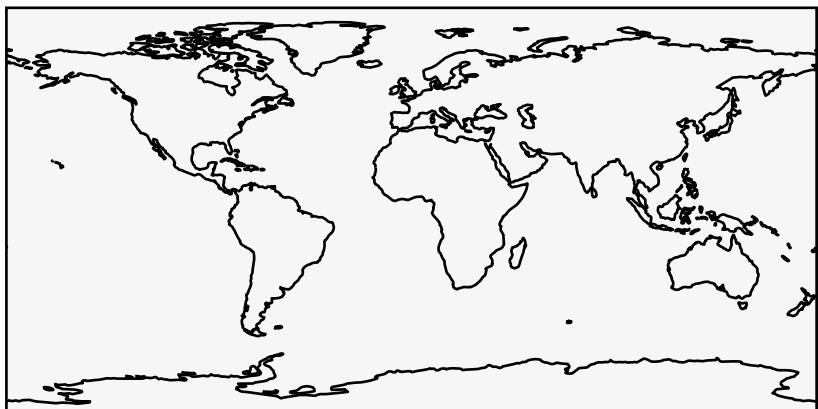
Zero throughout domain  
kg/m<sup>2</sup>/s

GCHP\_12.8.0 (Dev)  
c48



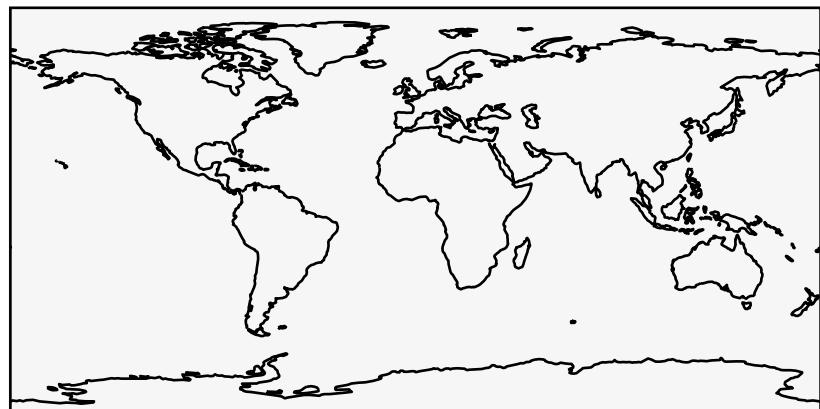
Zero throughout domain  
kg/m<sup>2</sup>/s

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



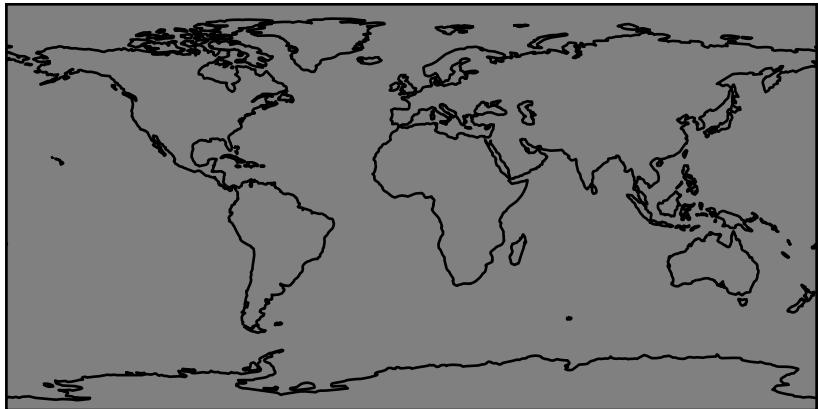
Zero throughout domain  
kg/m<sup>2</sup>/s

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



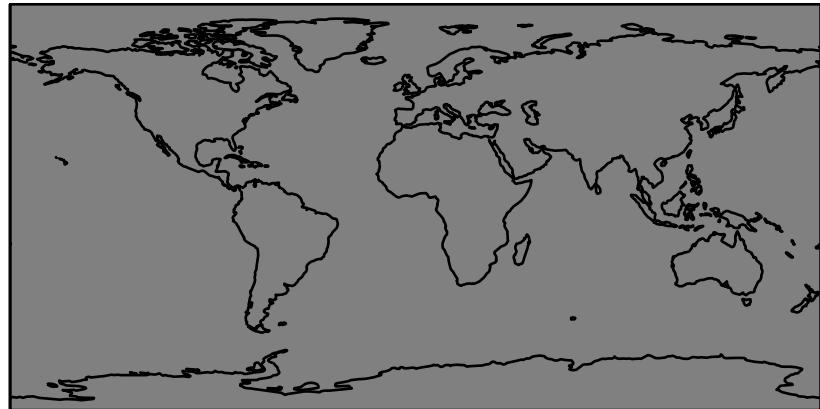
Zero throughout domain  
kg/m<sup>2</sup>/s

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



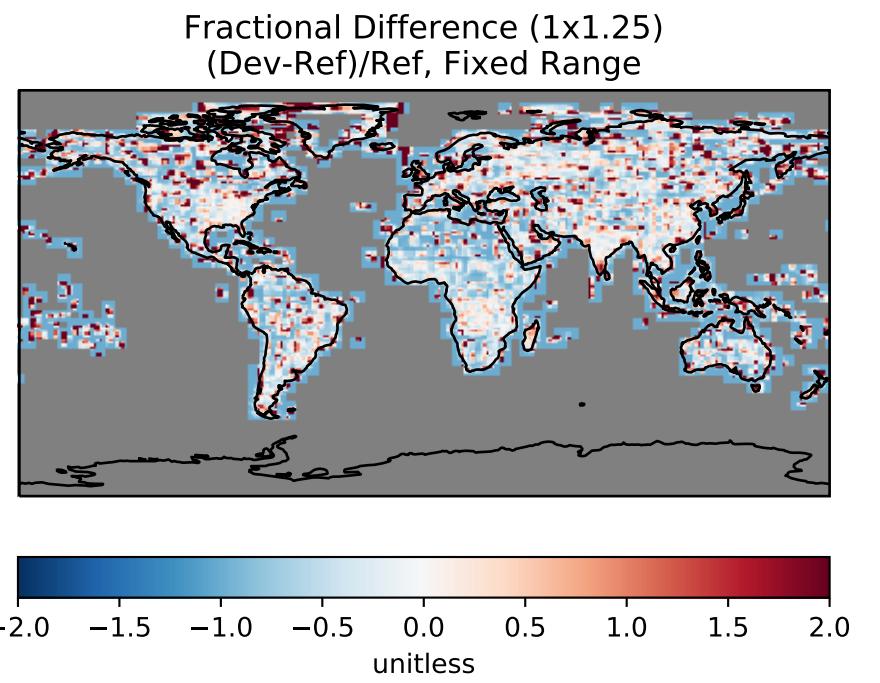
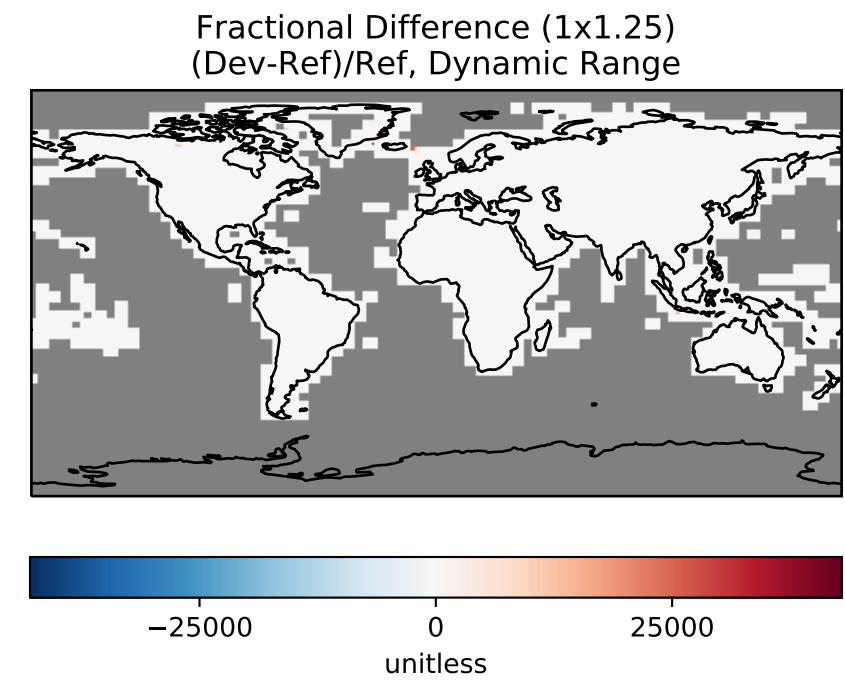
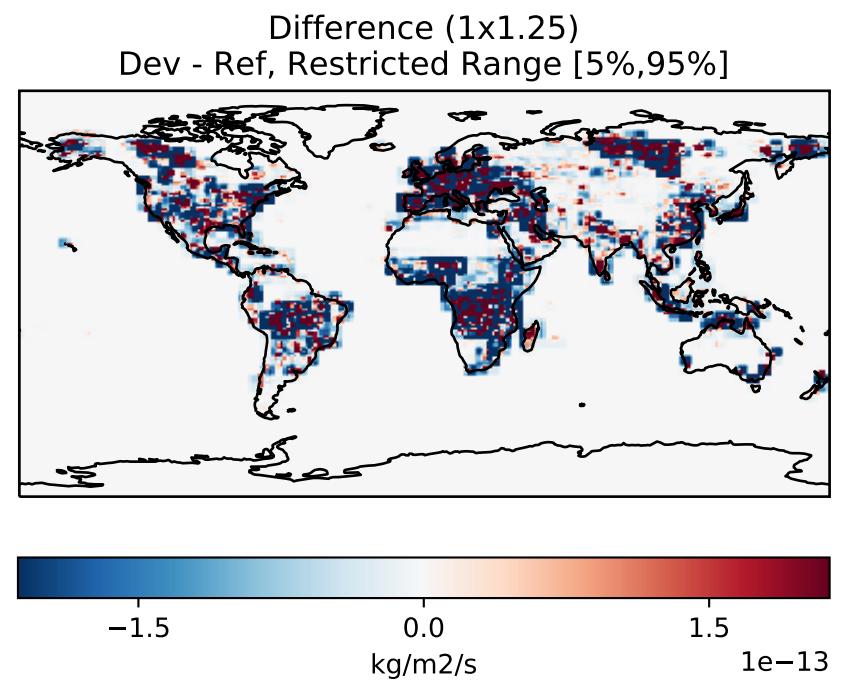
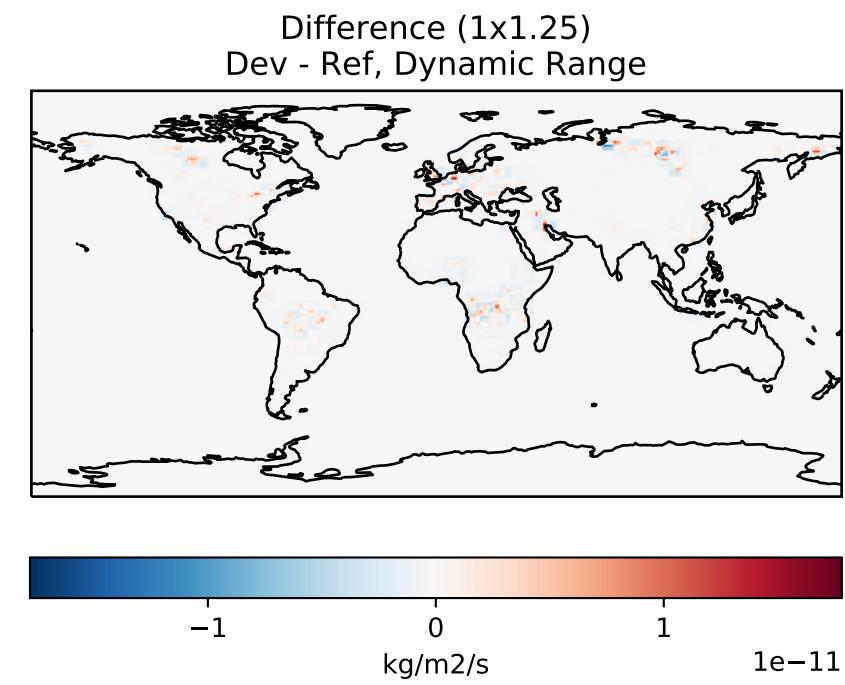
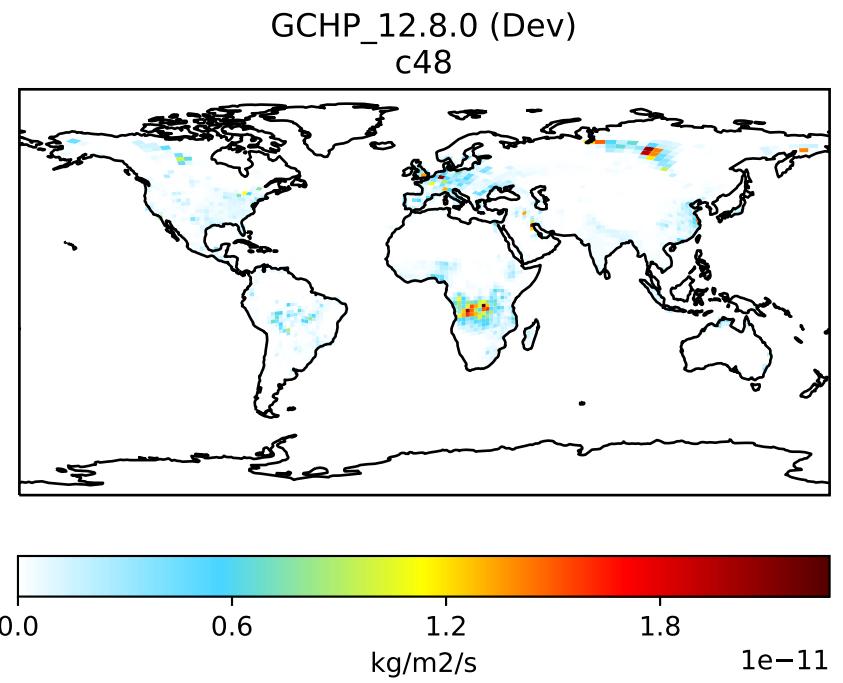
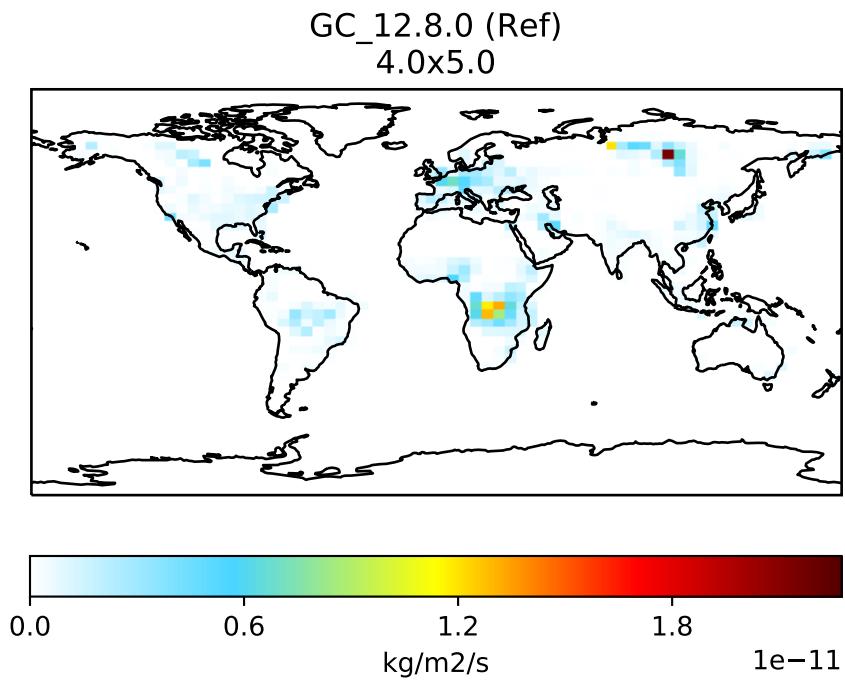
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Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

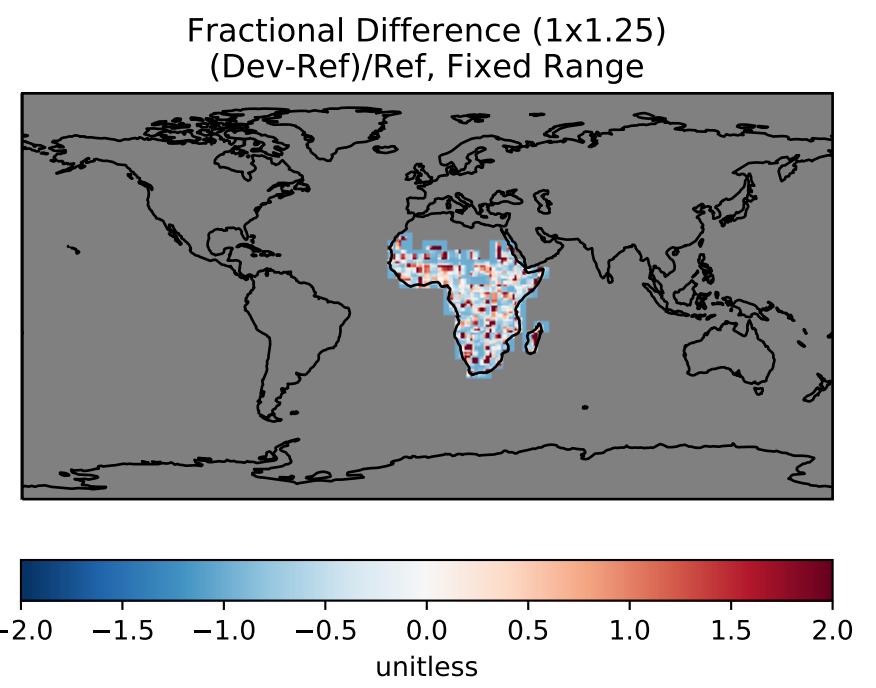
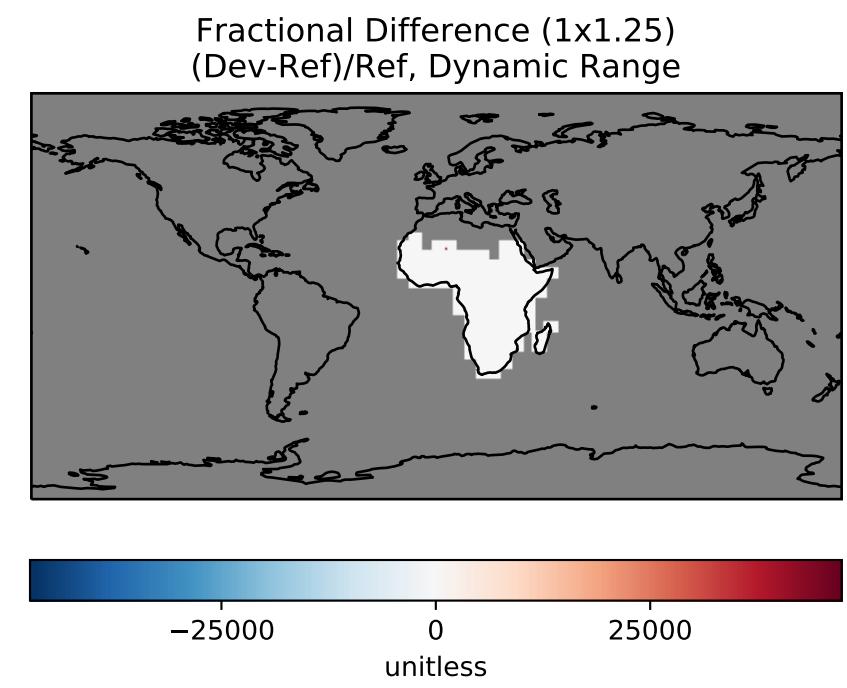
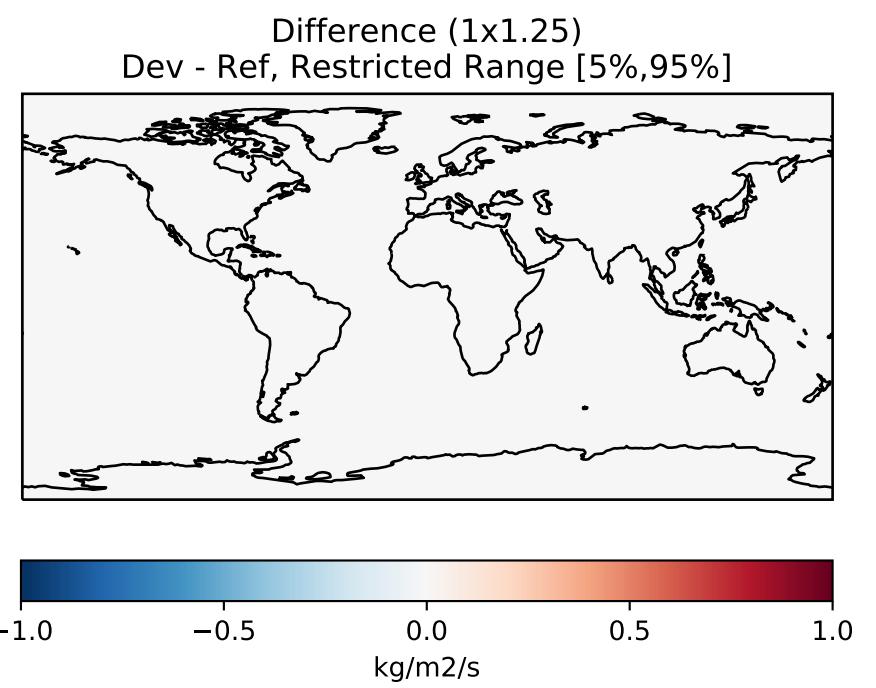
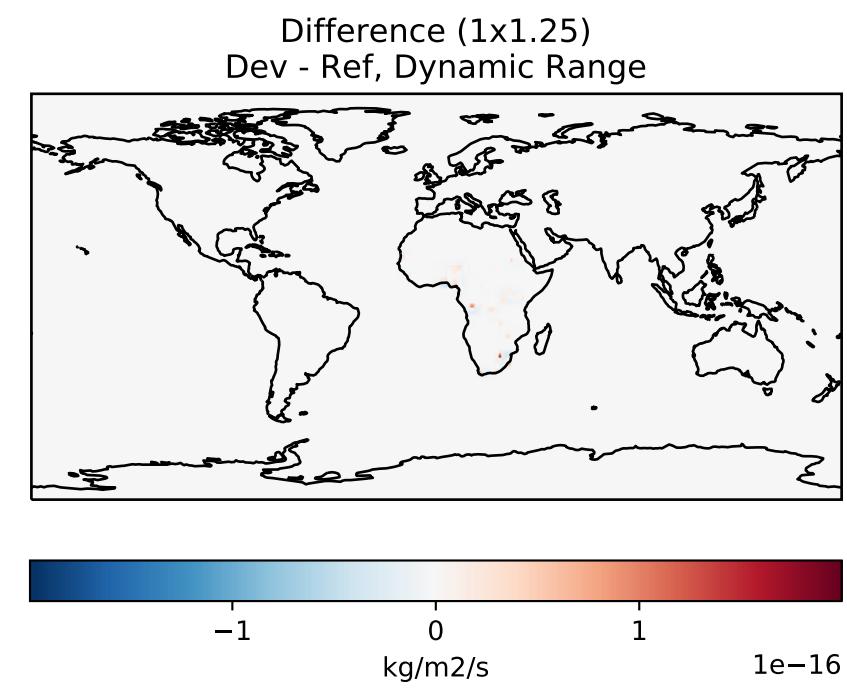
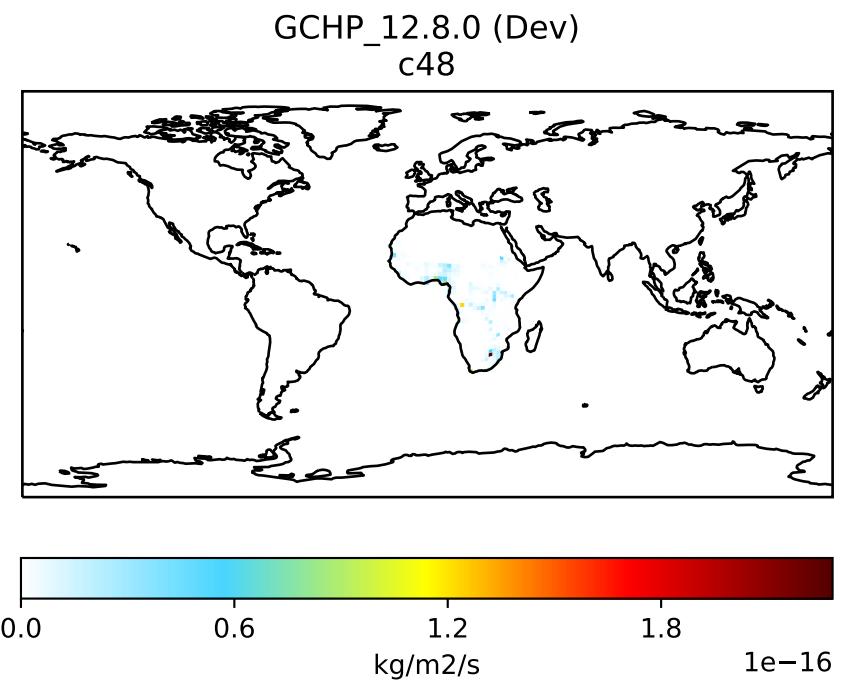
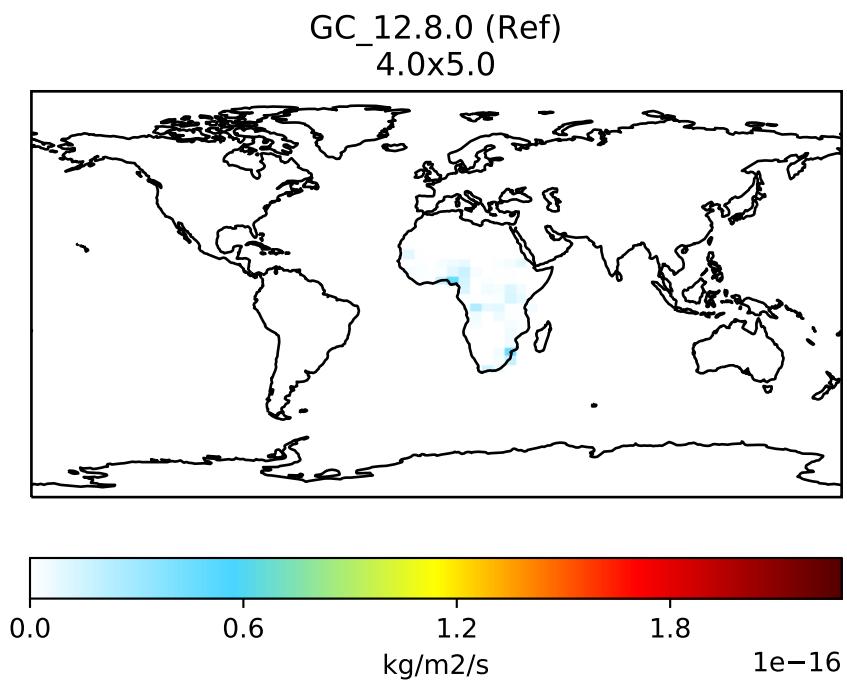


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# EmisMEK\_Total

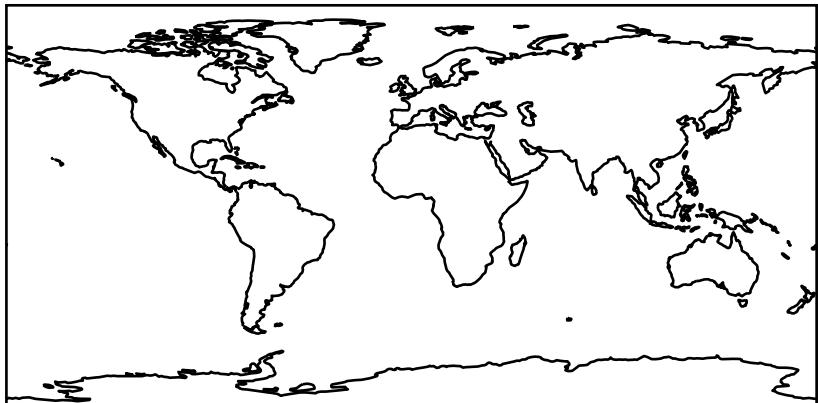


# EmisMVK\_Anthro



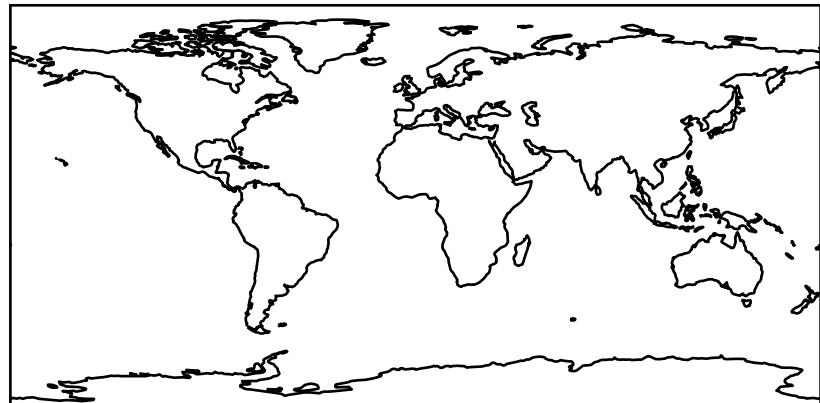
# EmisGLYX\_Anthro

GC\_12.8.0 (Ref)  
4.0x5.0



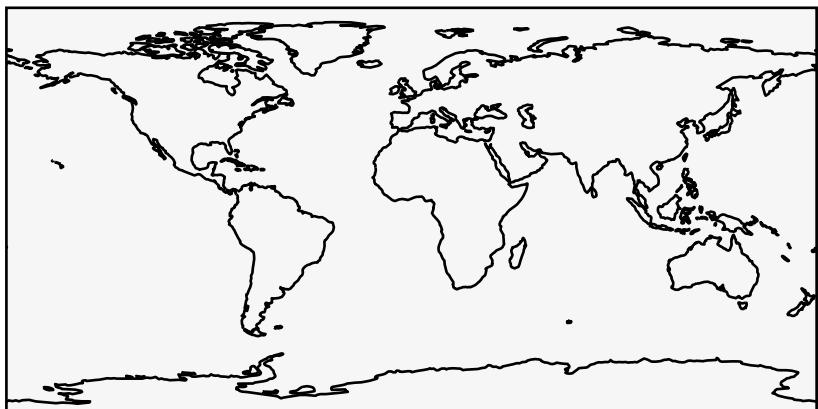
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kg/m<sup>2</sup>/s

GCHP\_12.8.0 (Dev)  
c48



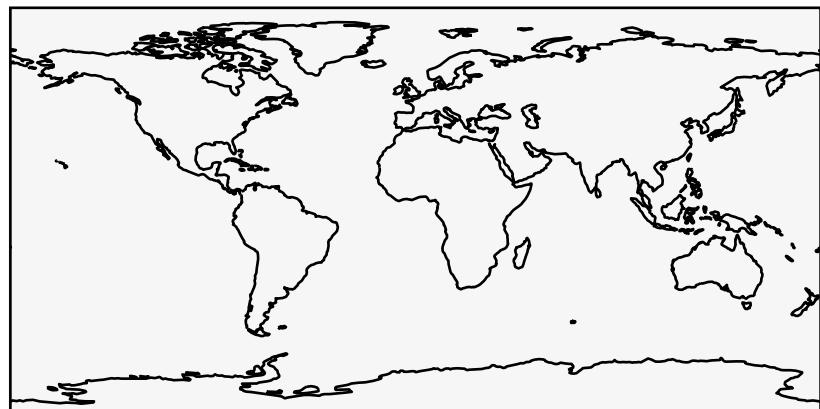
Zero throughout domain  
kg/m<sup>2</sup>/s

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



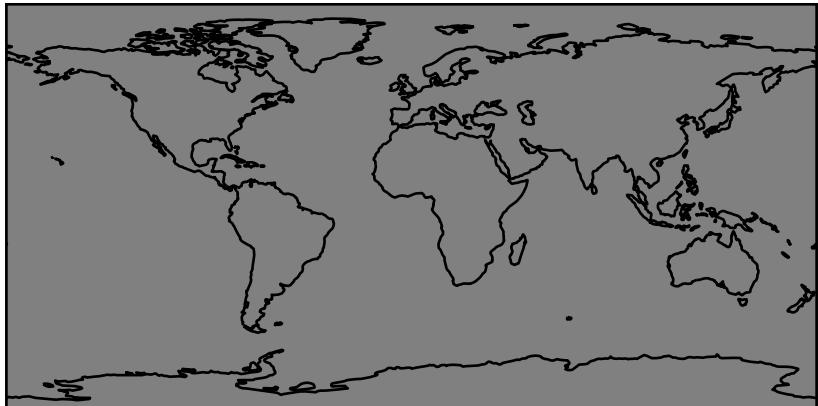
Zero throughout domain  
kg/m<sup>2</sup>/s

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



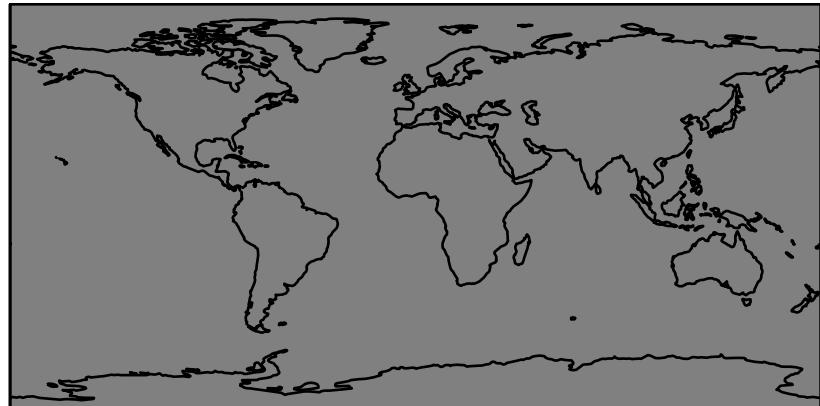
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kg/m<sup>2</sup>/s

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



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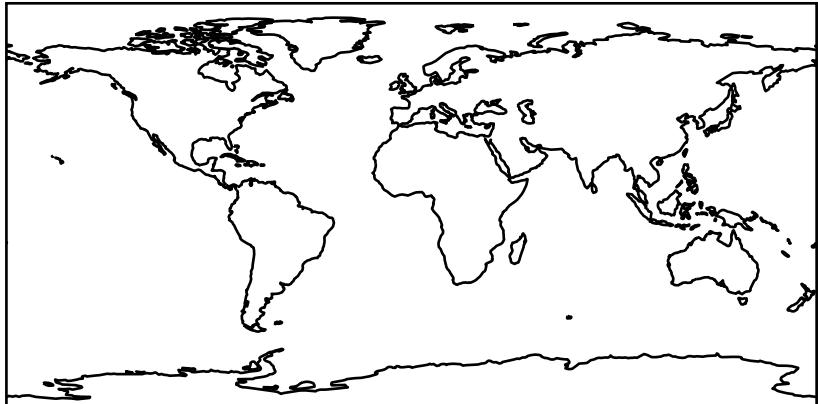
Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range



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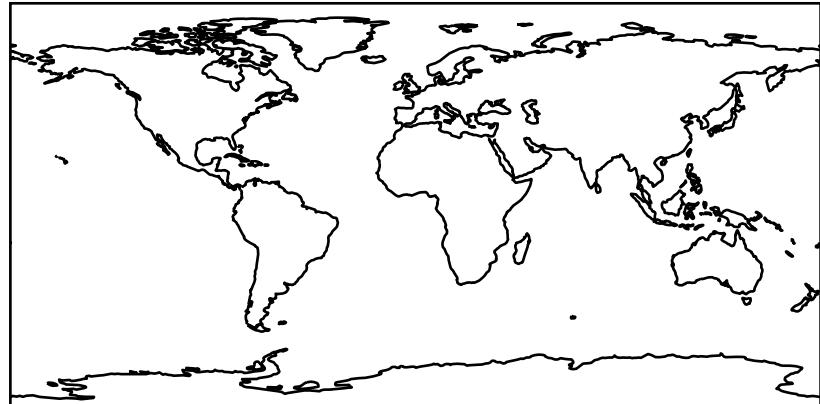
# EmisGLYX\_Total

GC\_12.8.0 (Ref)  
4.0x5.0



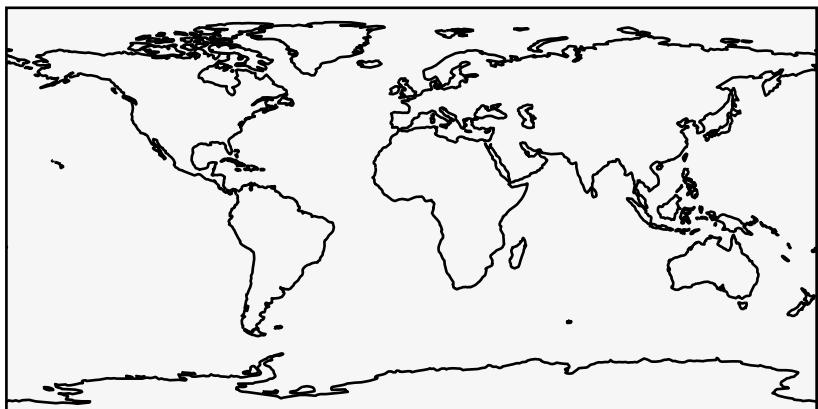
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kg/m<sup>2</sup>/s

GCHP\_12.8.0 (Dev)  
c48



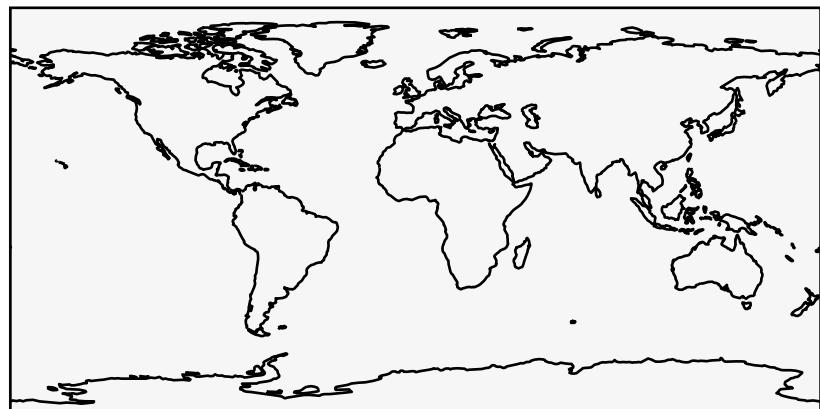
Zero throughout domain  
kg/m<sup>2</sup>/s

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



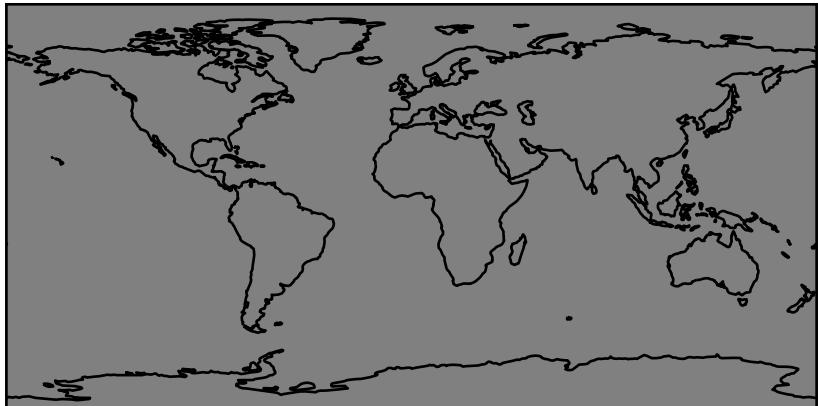
Zero throughout domain  
kg/m<sup>2</sup>/s

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



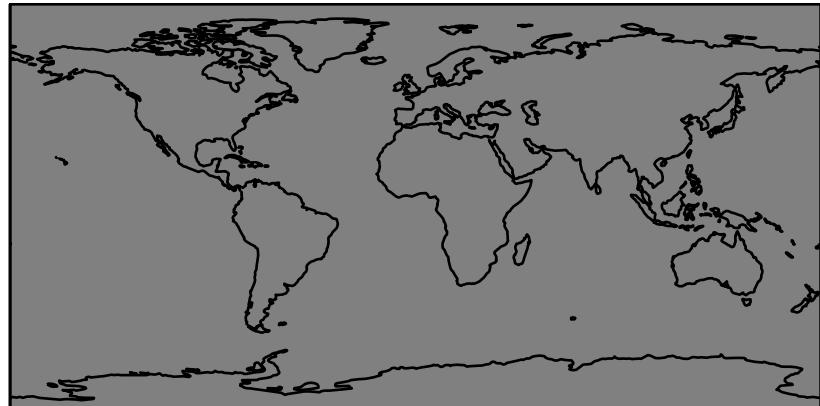
Zero throughout domain  
kg/m<sup>2</sup>/s

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



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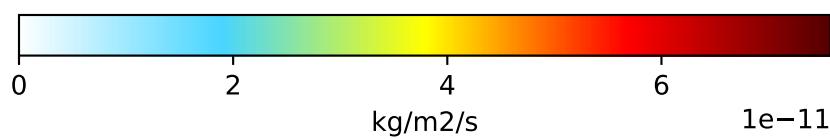
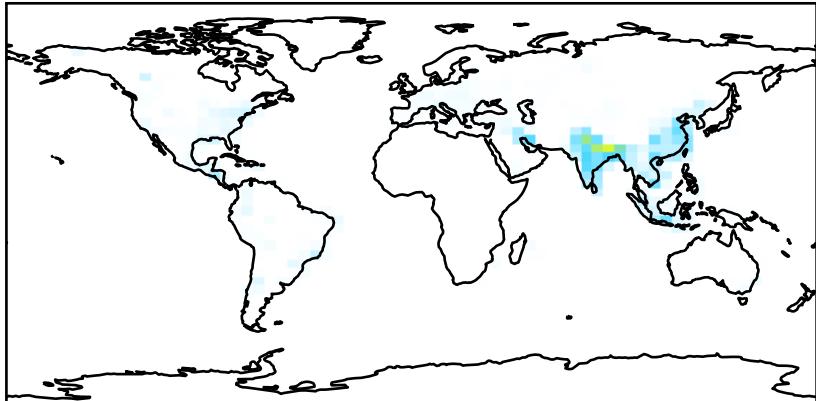
Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range



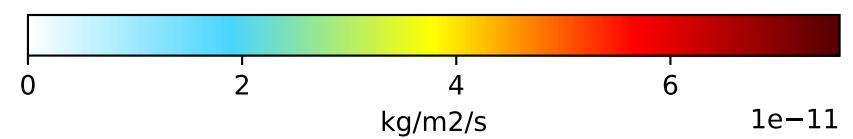
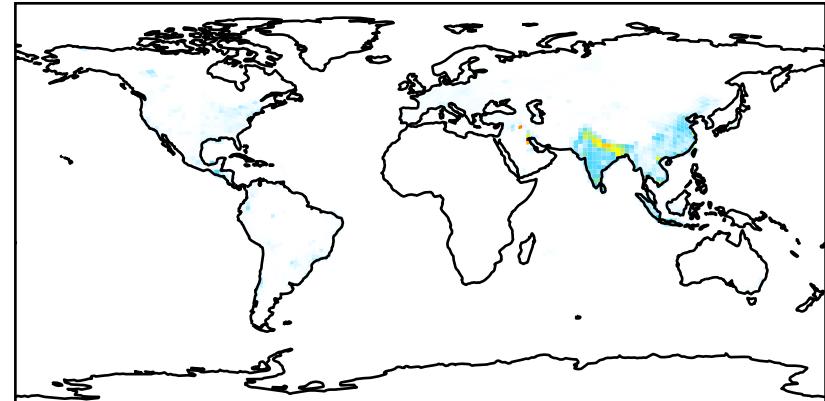
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# EmisHCOOH\_Anthro

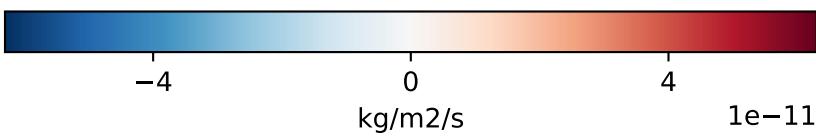
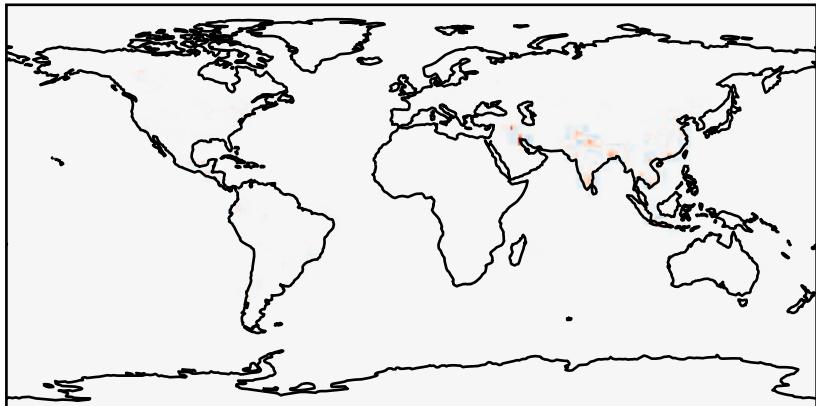
GC\_12.8.0 (Ref)  
4.0x5.0



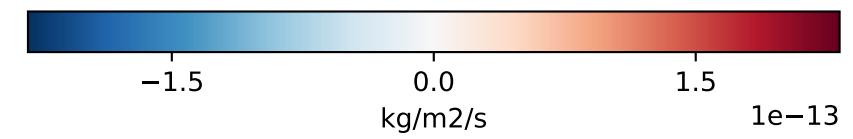
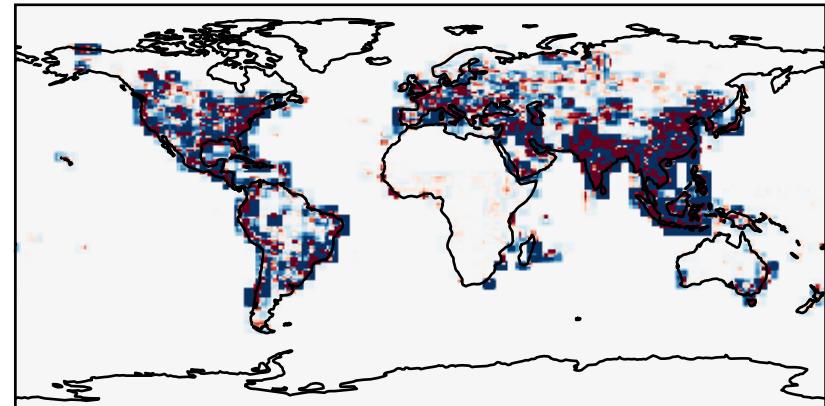
GCHP\_12.8.0 (Dev)  
c48



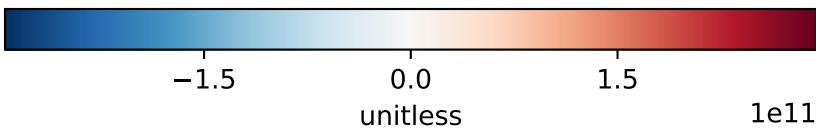
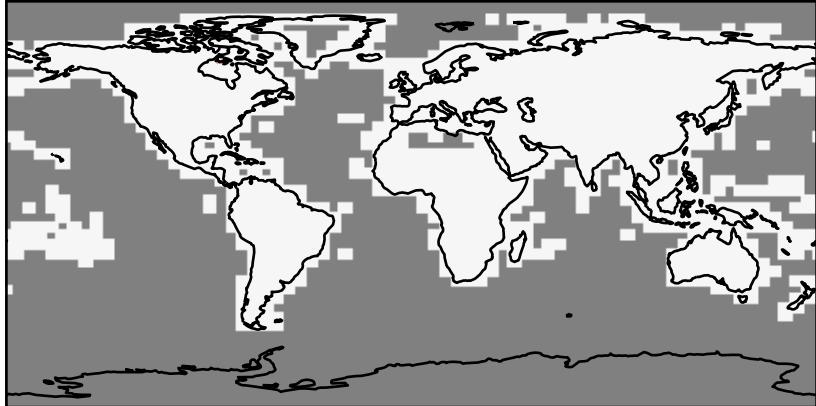
Difference (1x1.25)  
Dev - Ref, Dynamic Range



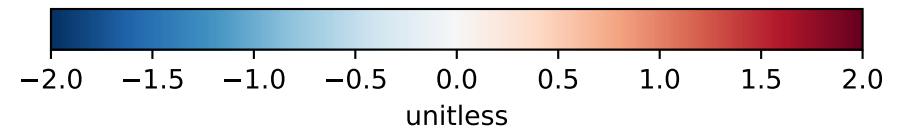
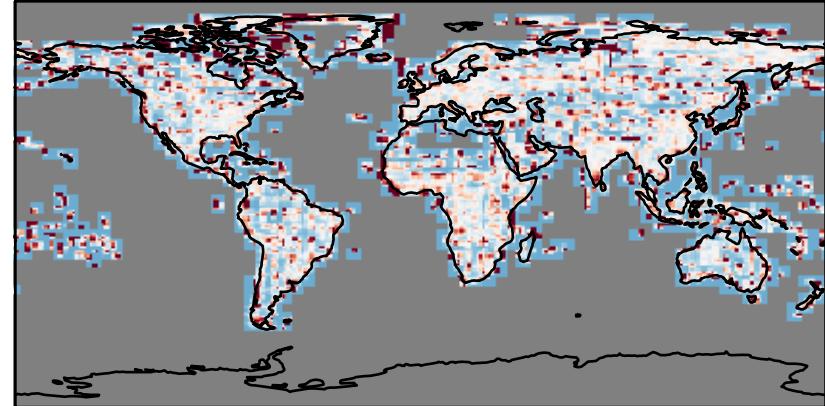
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

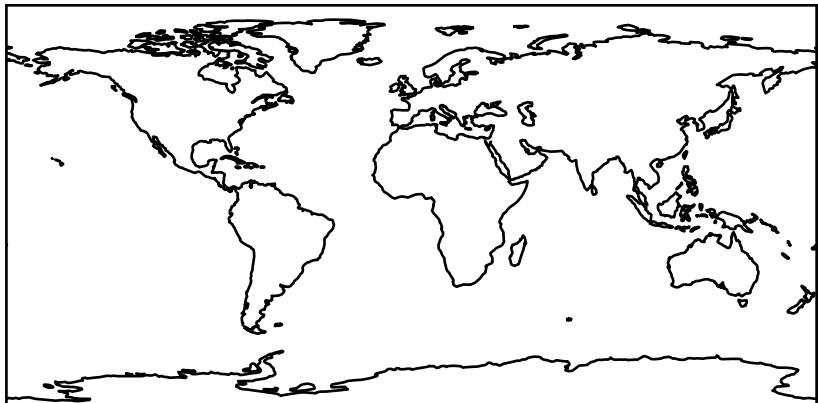


Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range



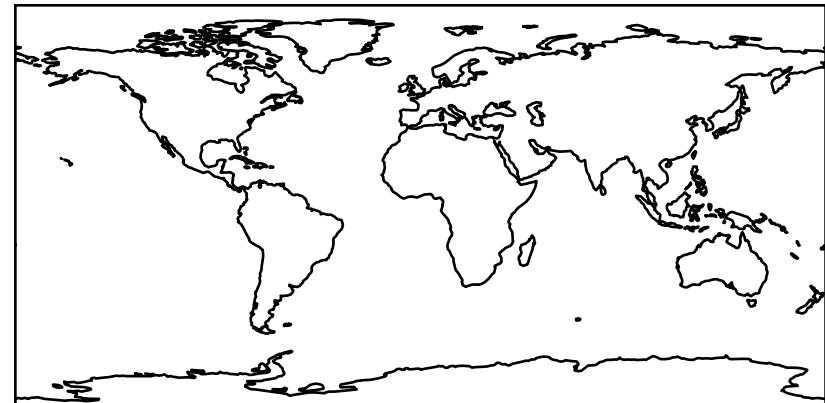
# EmisHCOOH\_Ship

GC\_12.8.0 (Ref)  
4.0x5.0



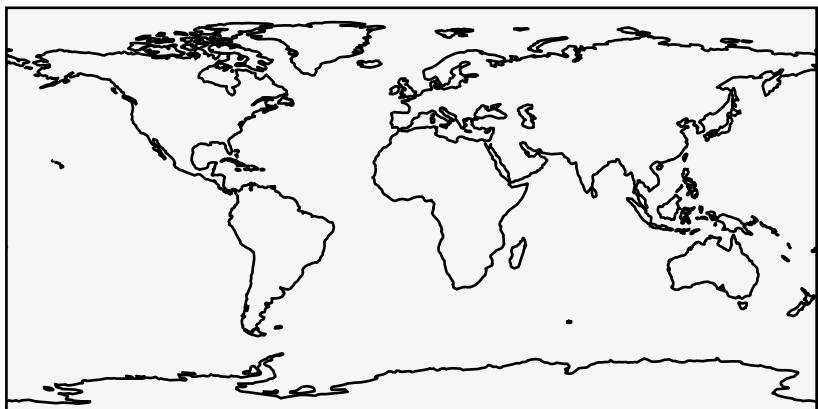
Zero throughout domain  
kg/m<sup>2</sup>/s

GCHP\_12.8.0 (Dev)  
c48



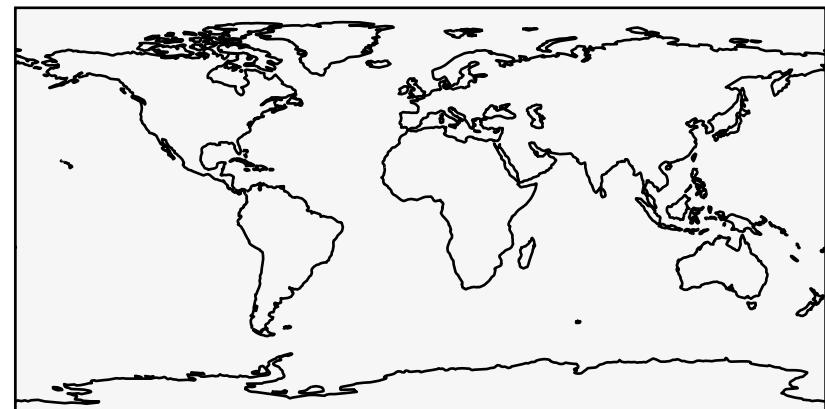
Zero throughout domain  
kg/m<sup>2</sup>/s

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



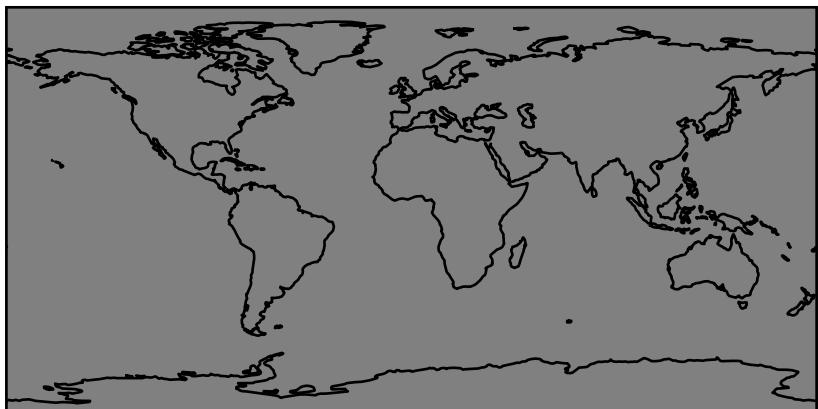
Zero throughout domain  
kg/m<sup>2</sup>/s

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



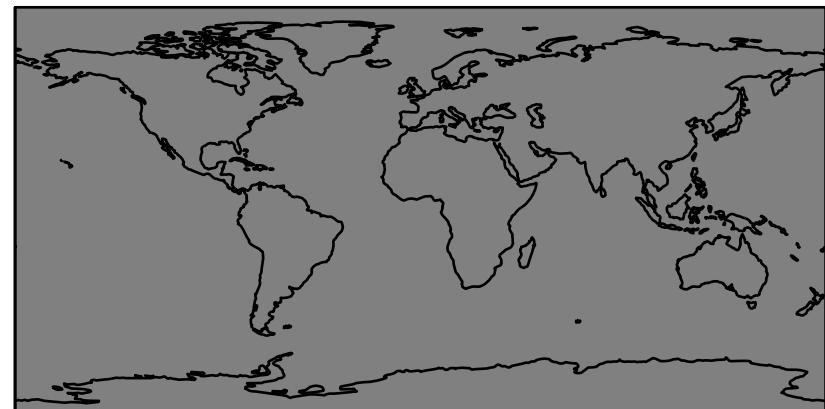
Zero throughout domain  
kg/m<sup>2</sup>/s

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



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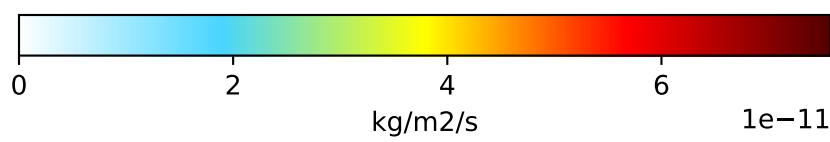
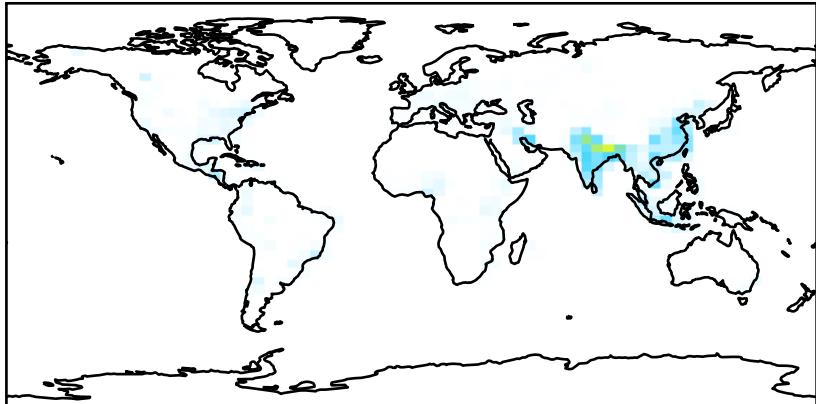
Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range



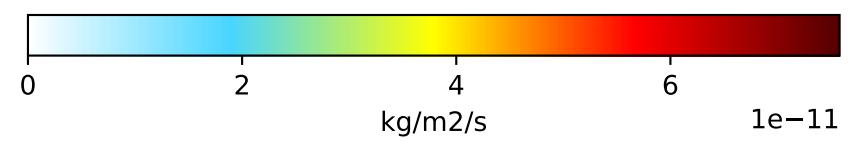
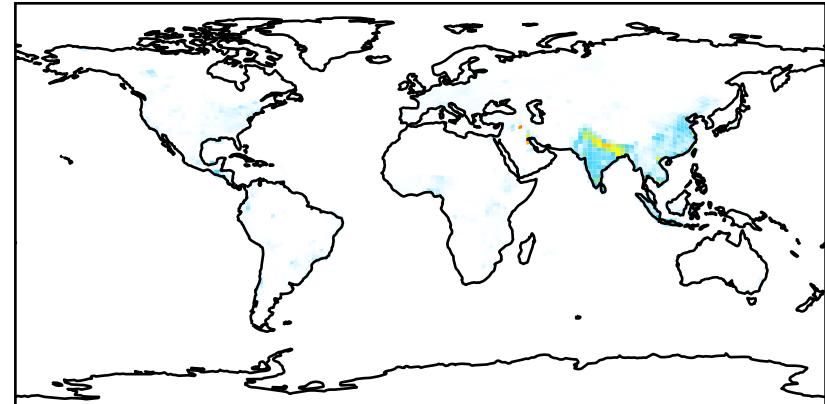
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# EmisHCOOH\_Total

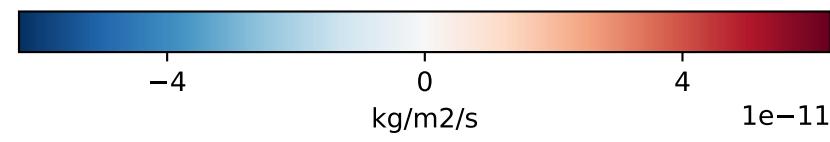
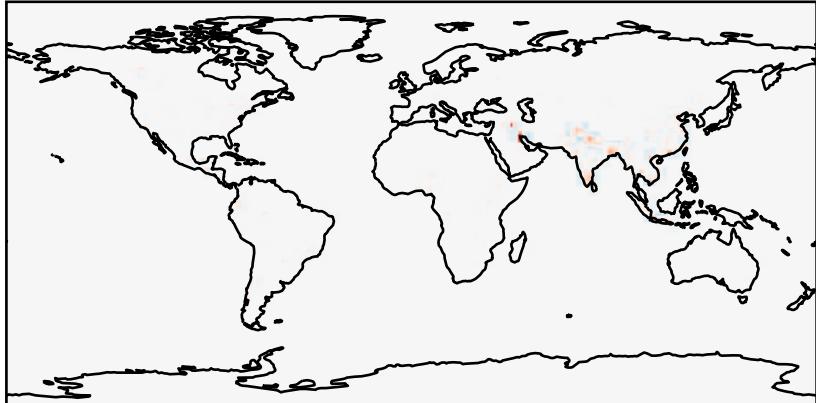
GC\_12.8.0 (Ref)  
4.0x5.0



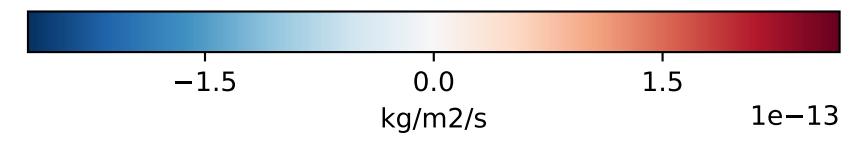
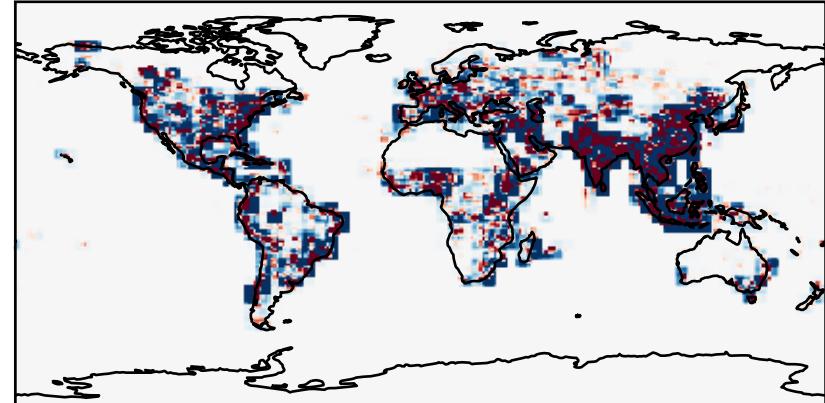
GCHP\_12.8.0 (Dev)  
c48



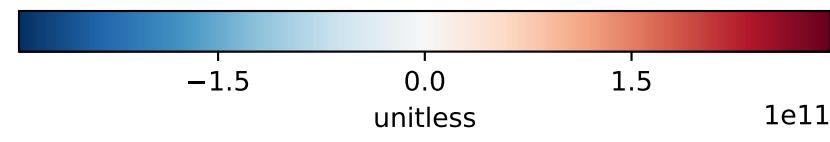
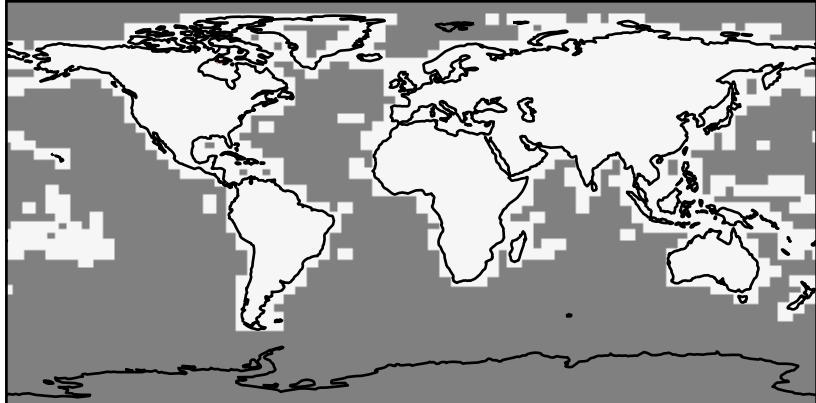
Difference (1x1.25)  
Dev - Ref, Dynamic Range



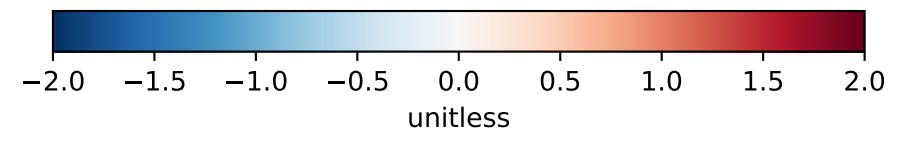
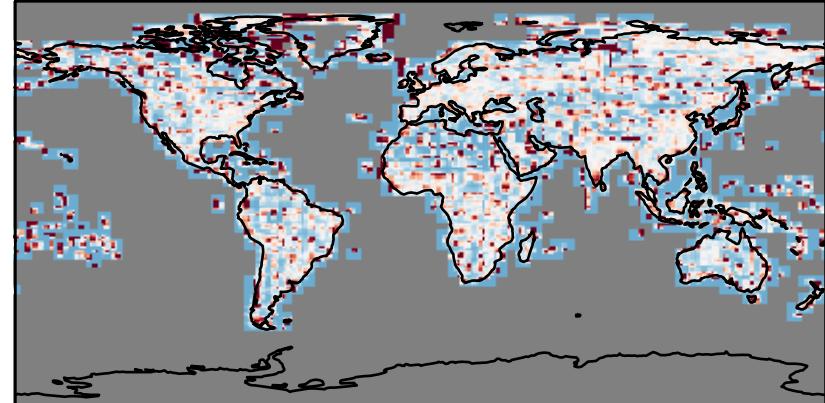
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



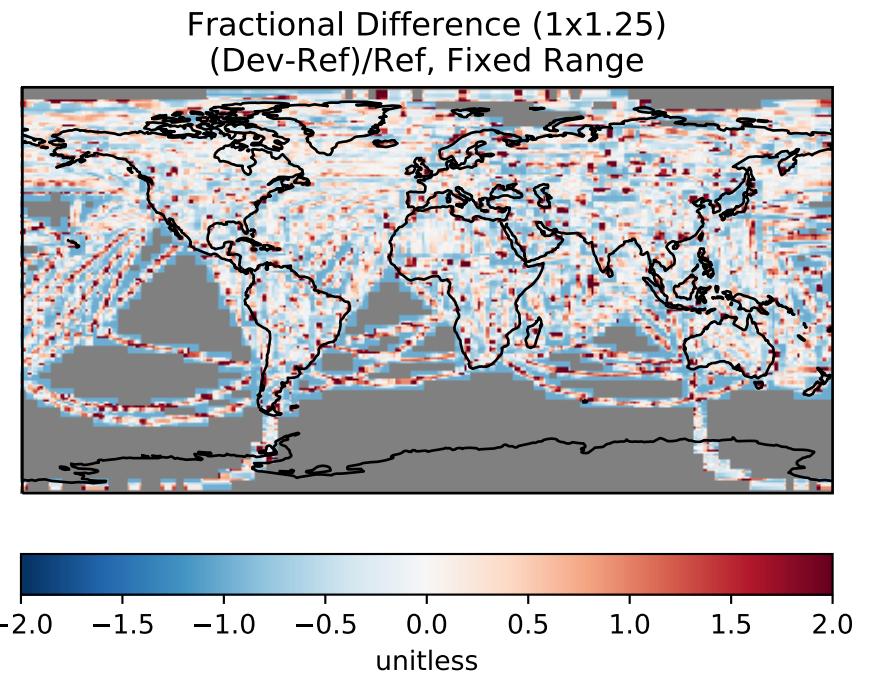
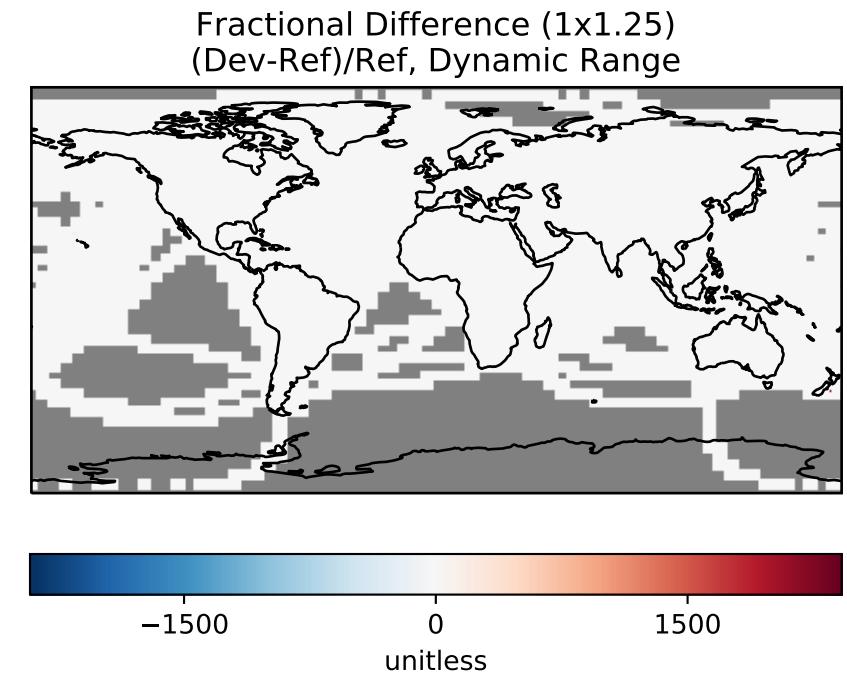
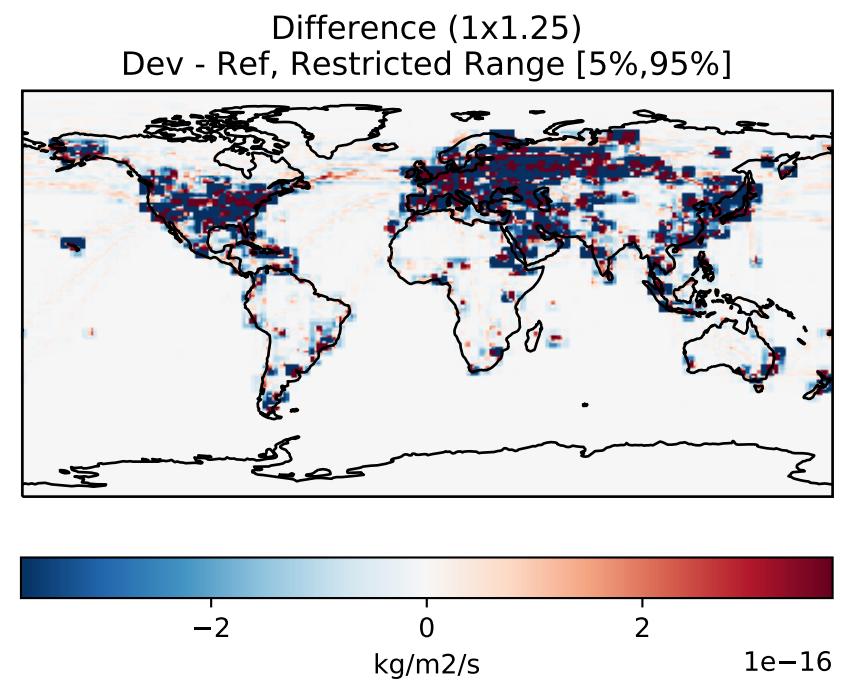
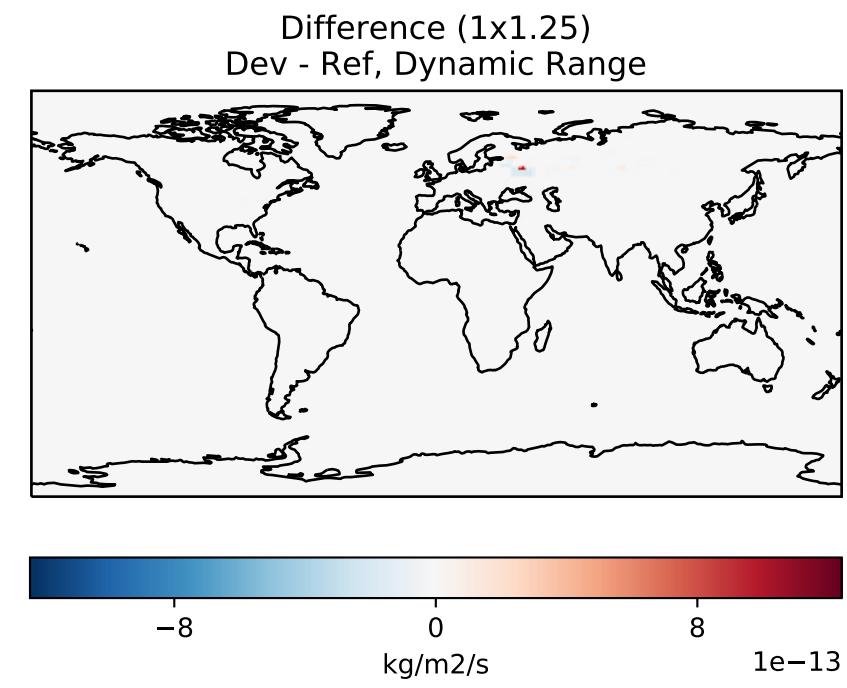
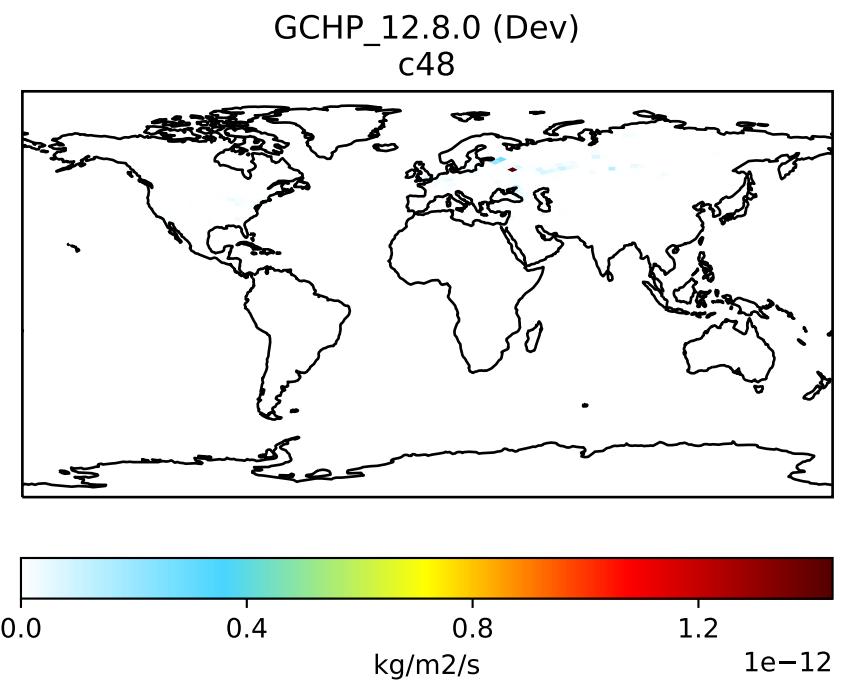
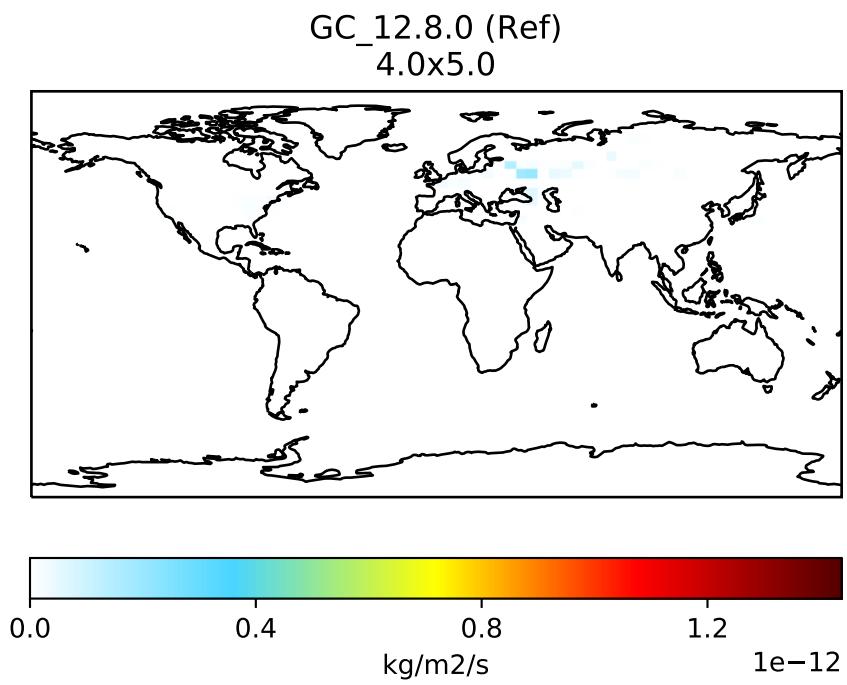
Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Dynamic Range



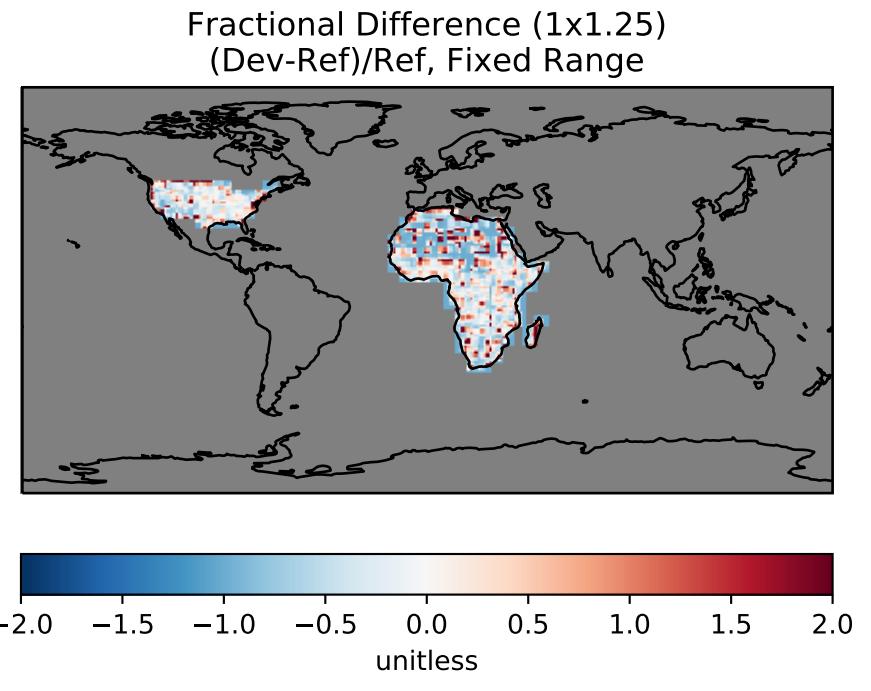
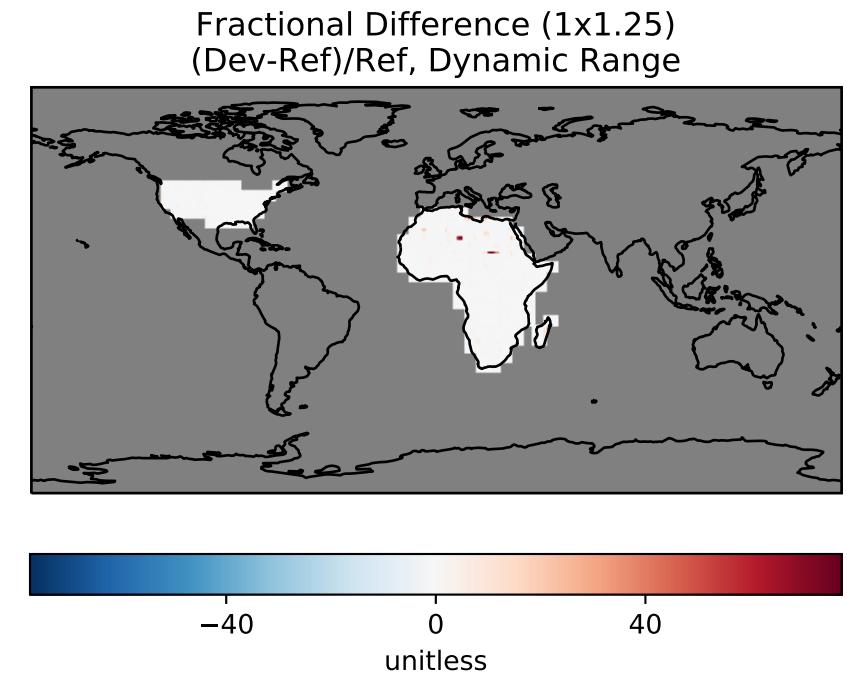
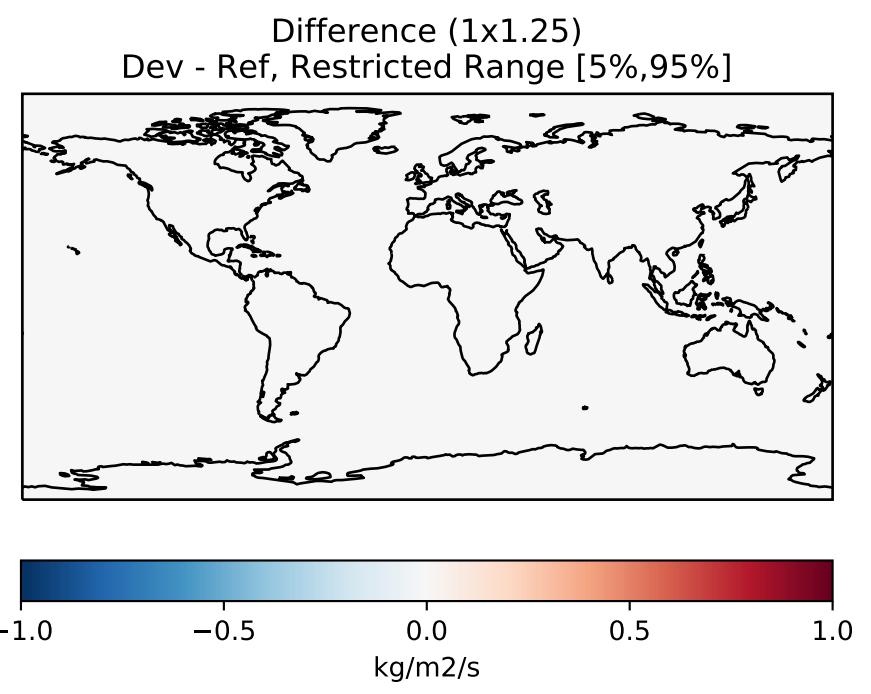
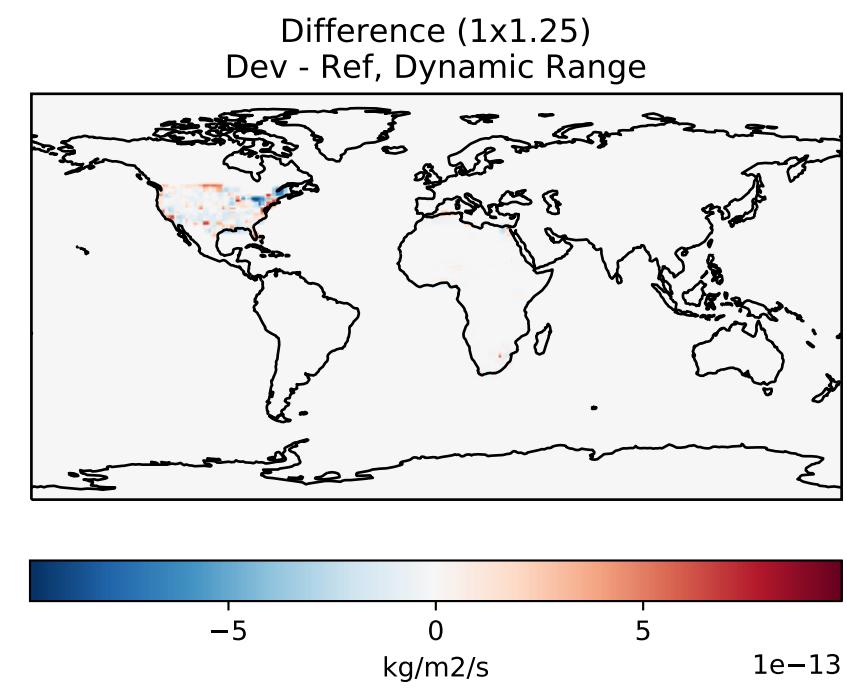
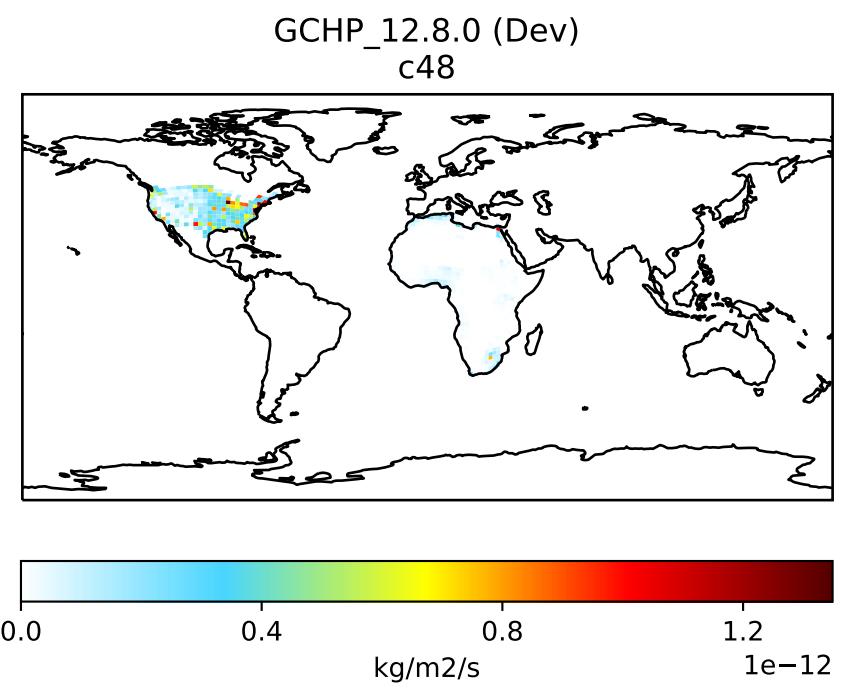
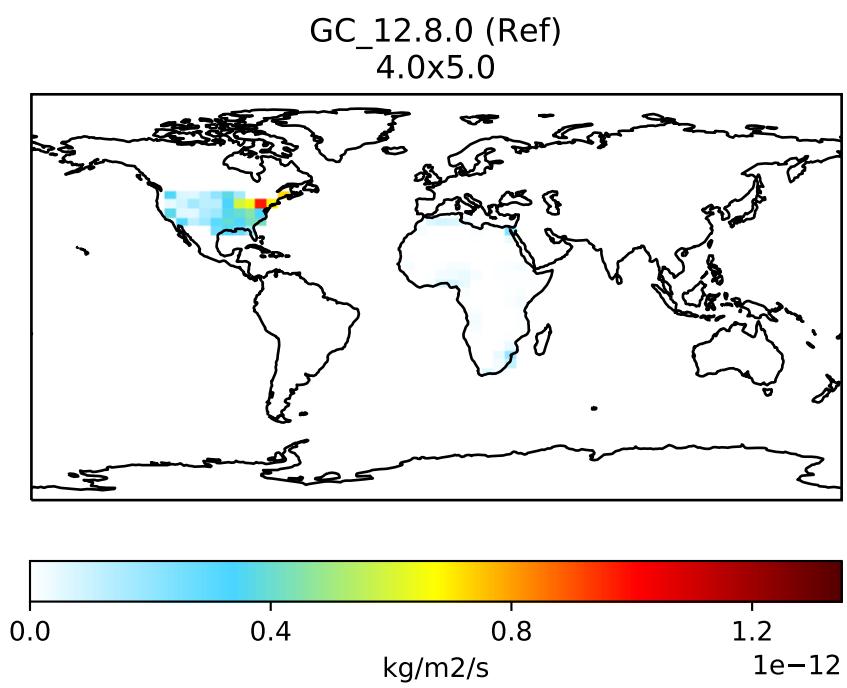
Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range



# EmisRCHO\_Aircraft



# EmisRCHO\_Anthro



# EmisRCHO\_Total

