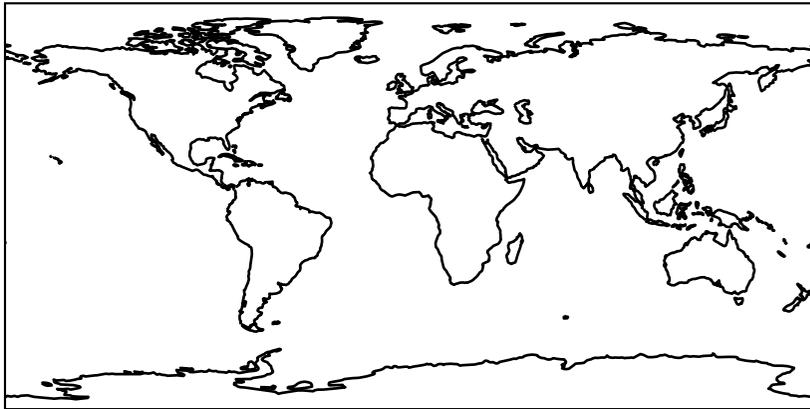


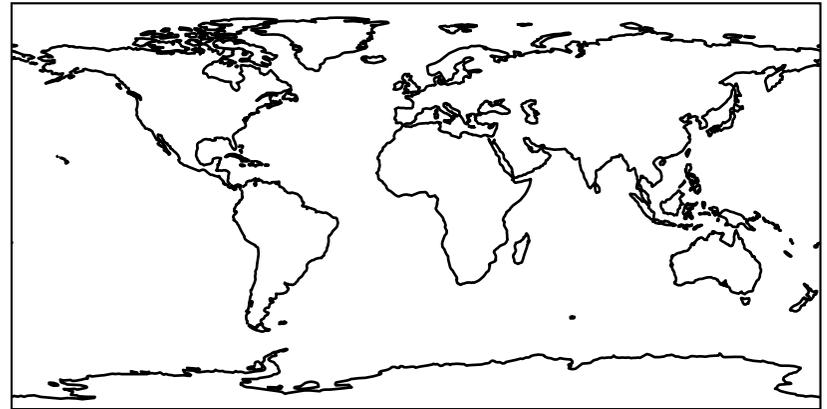
# EmisACET\_Anthro (Oct2019)

GCHP\_13.0.0 (Ref)  
c48



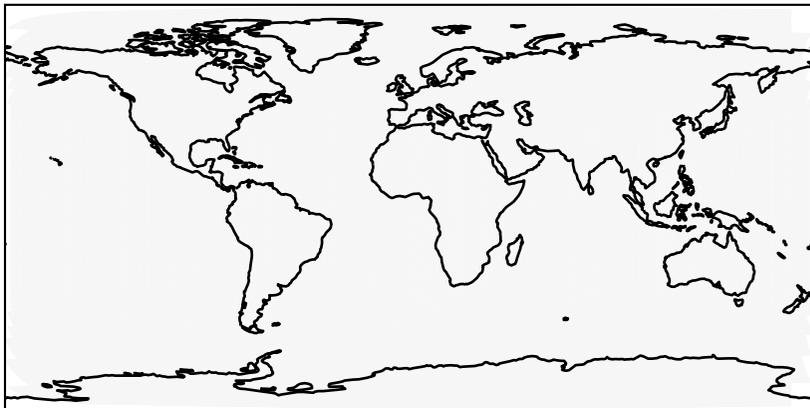
Zero throughout domain  
kg/m2/s

GCHP\_13.2.0 (Dev)  
c48



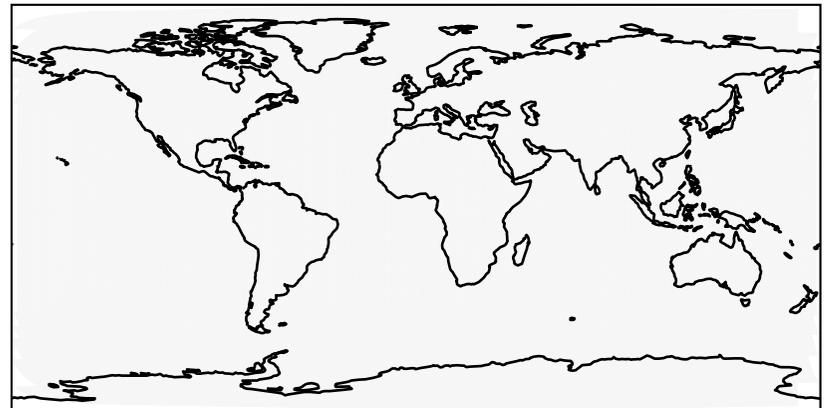
Zero throughout domain  
kg/m2/s

Difference  
Dev - Ref, Dynamic Range



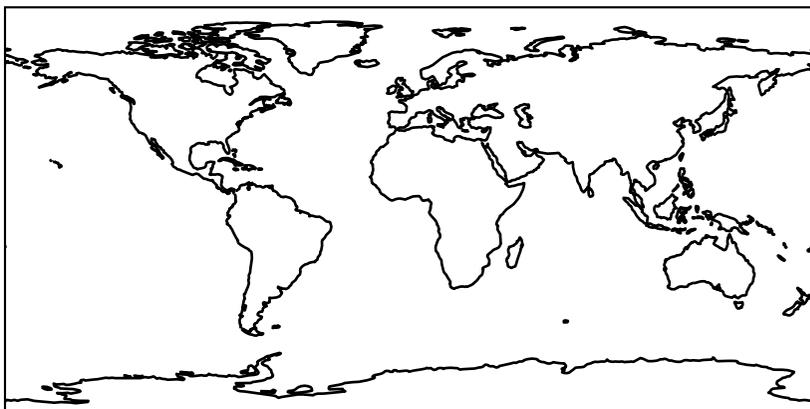
Zero throughout domain  
kg/m2/s

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



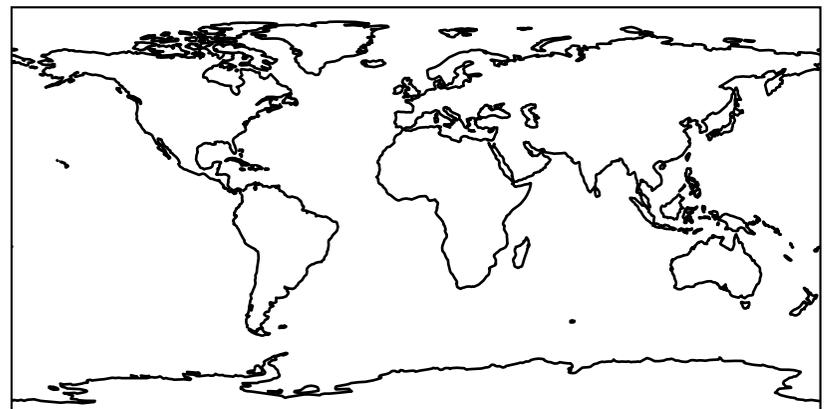
Zero throughout domain  
kg/m2/s

Ratio  
Dev/Ref, Dynamic Range



Undefined throughout domain  
unitless

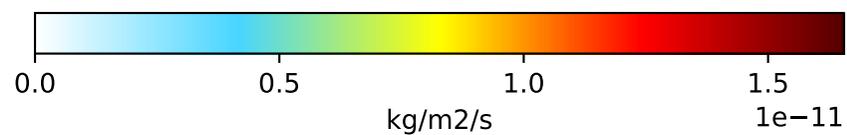
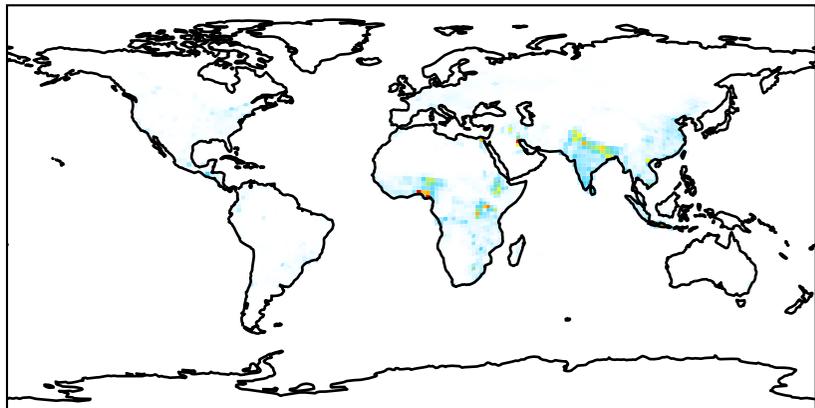
Ratio  
Dev/Ref, Fixed Range



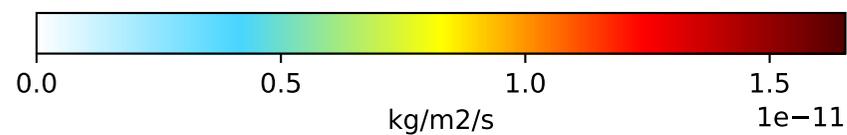
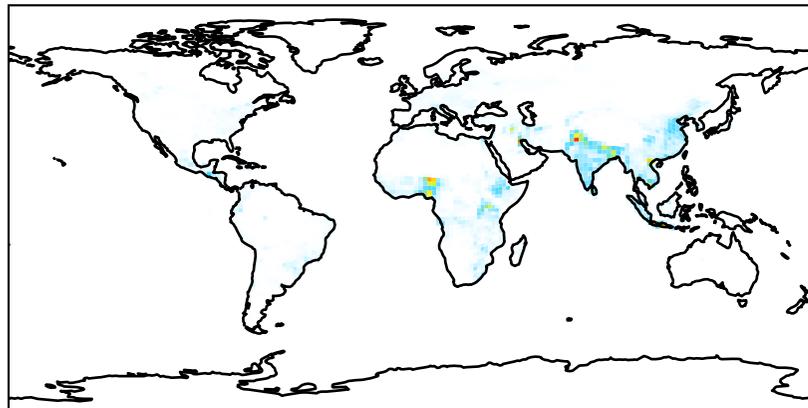
Undefined throughout domain  
unitless

# EmisALD2\_Anthro (Oct2019)

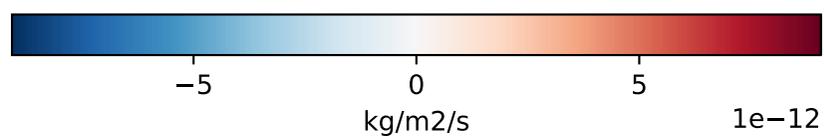
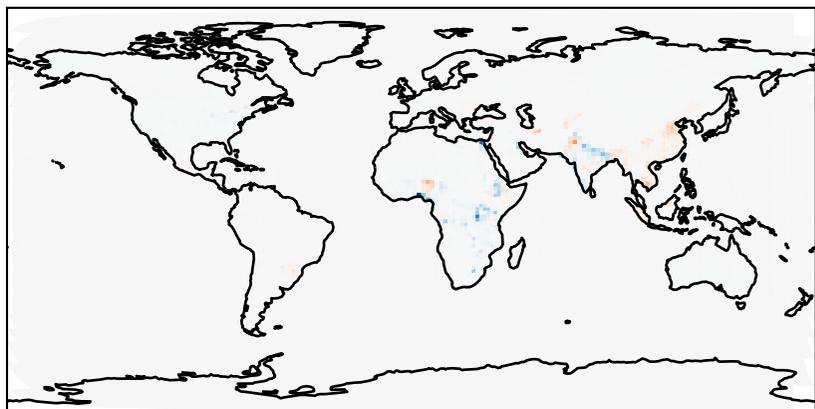
GCHP\_13.0.0 (Ref)  
c48



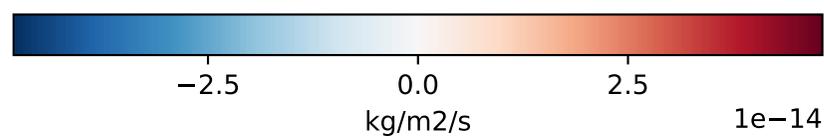
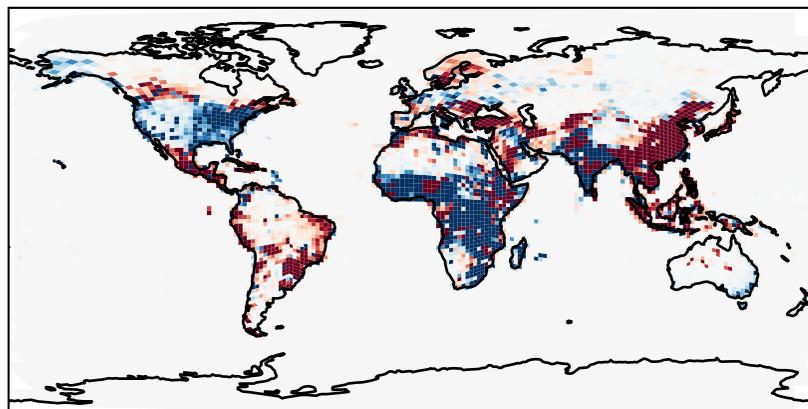
GCHP\_13.2.0 (Dev)  
c48



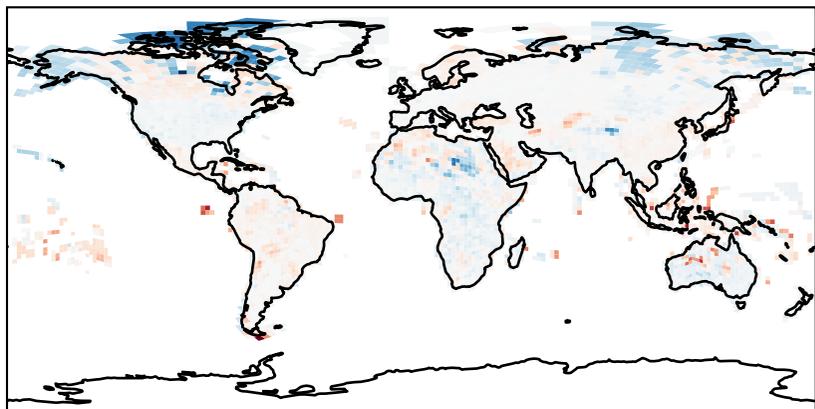
Difference  
Dev - Ref, Dynamic Range



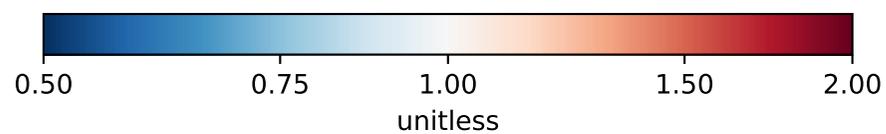
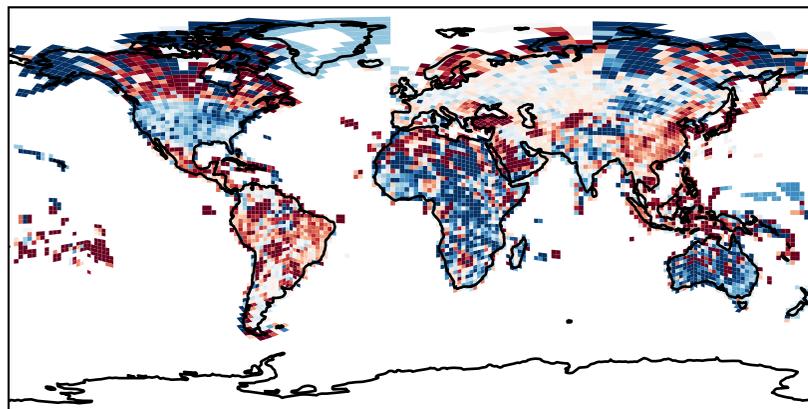
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

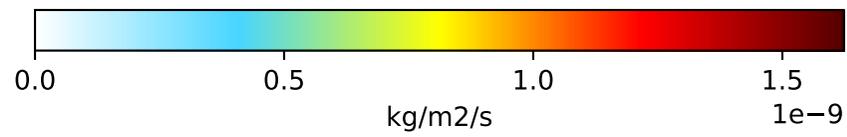
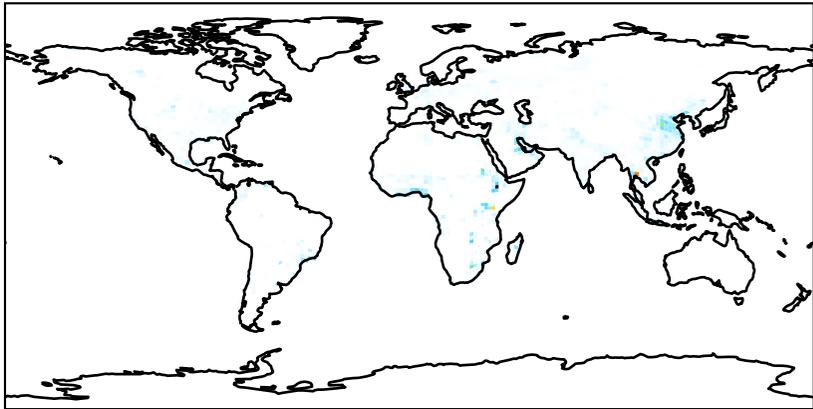


Ratio  
Dev/Ref, Fixed Range

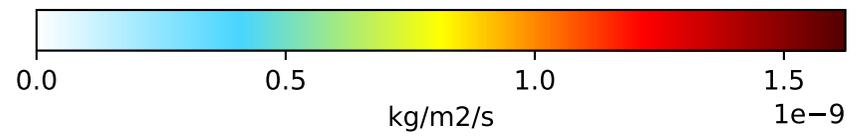
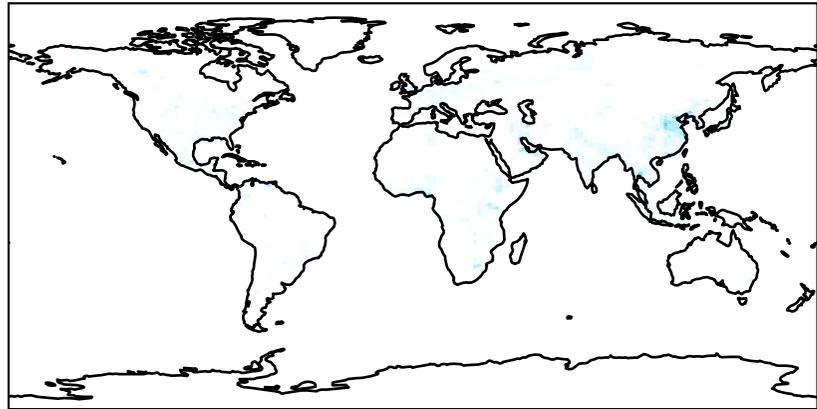


# EmisALK4\_Anthro (Oct2019)

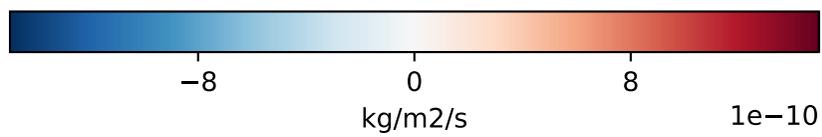
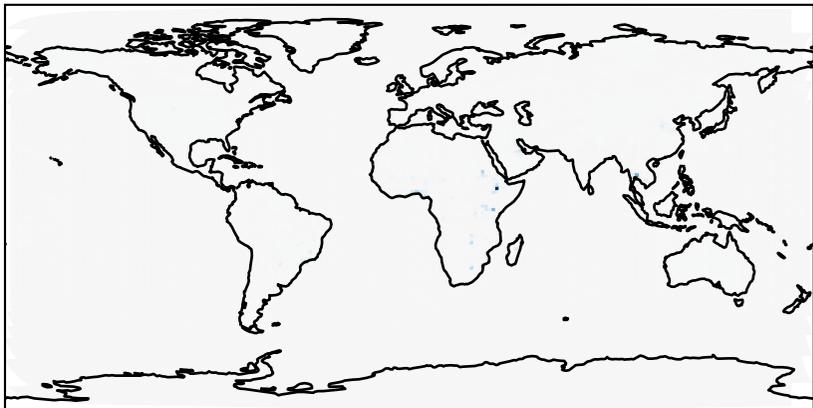
GCHP\_13.0.0 (Ref)  
c48



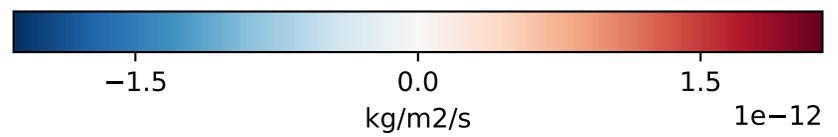
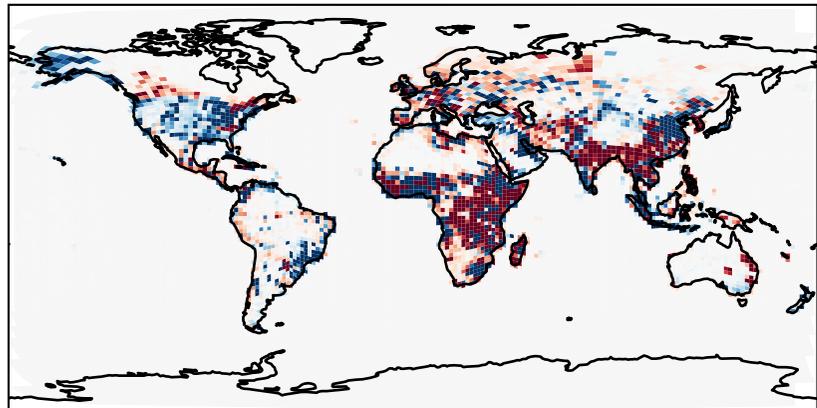
GCHP\_13.2.0 (Dev)  
c48



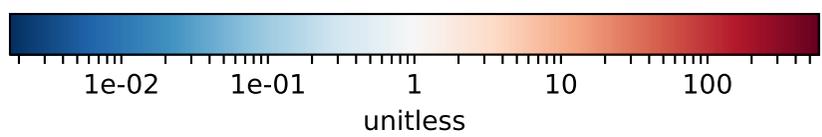
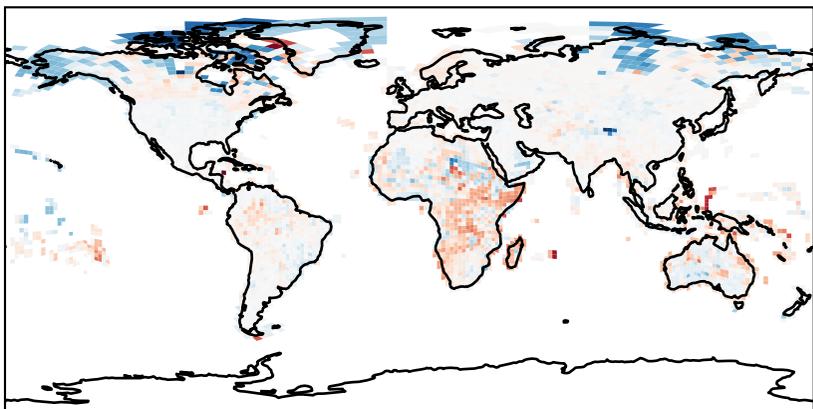
Difference  
Dev - Ref, Dynamic Range



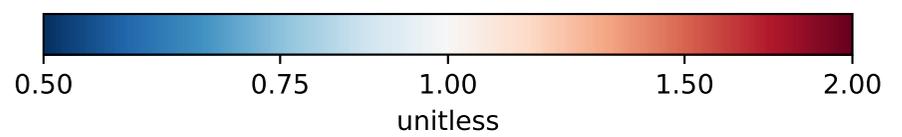
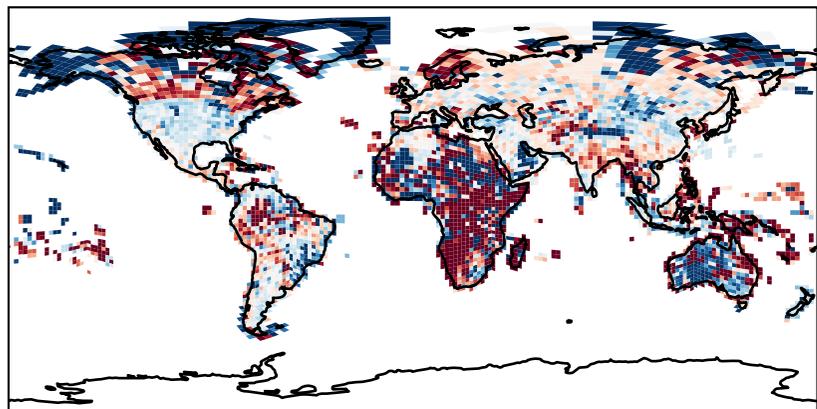
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

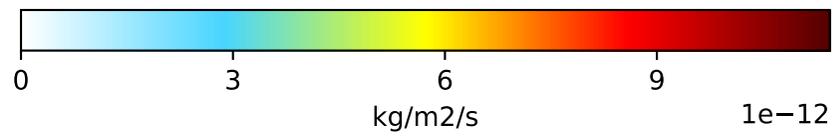
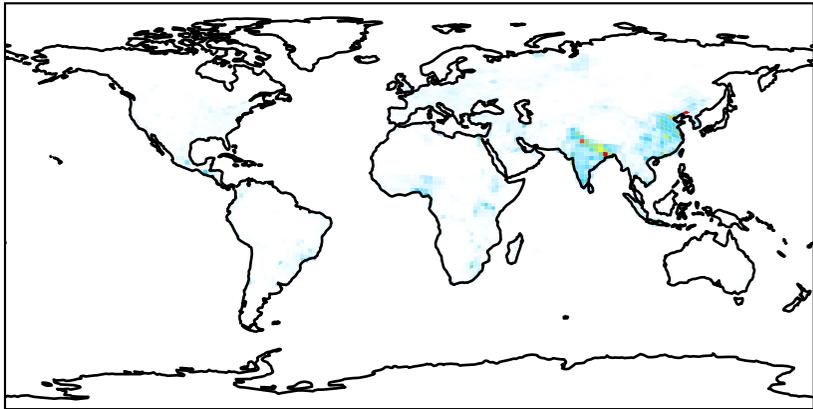


Ratio  
Dev/Ref, Fixed Range

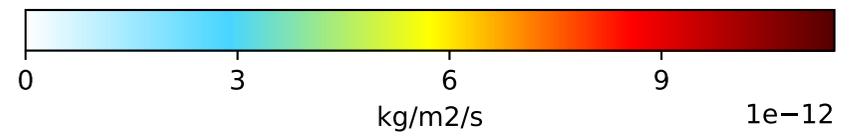
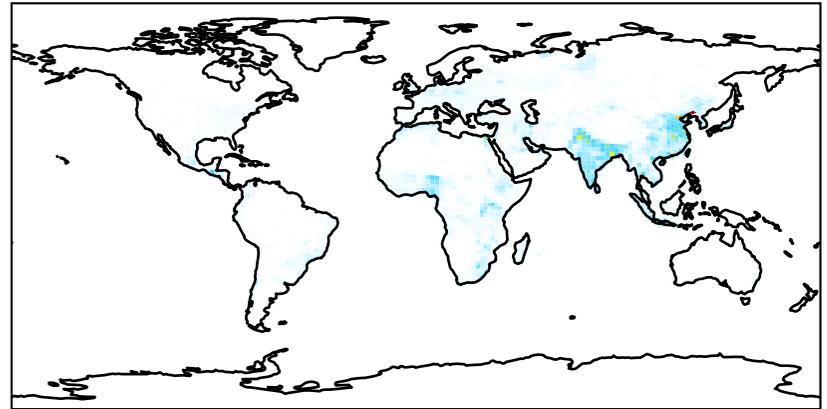


# EmisBCPI\_Anthro (Oct2019)

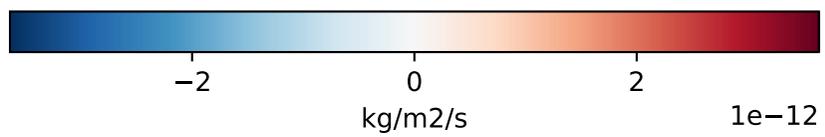
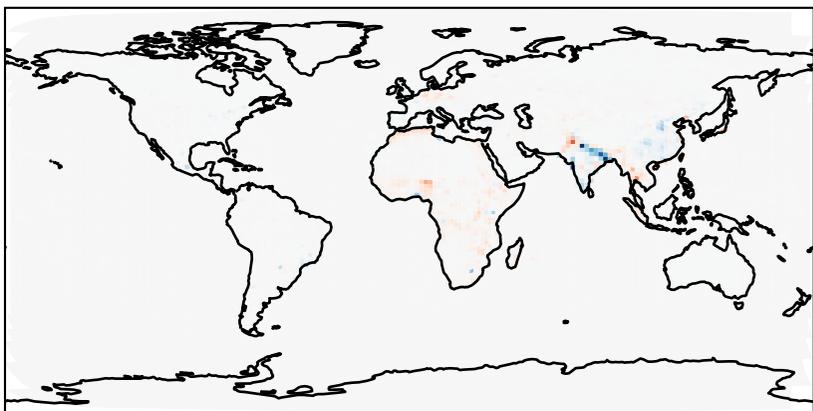
GCHP\_13.0.0 (Ref)  
c48



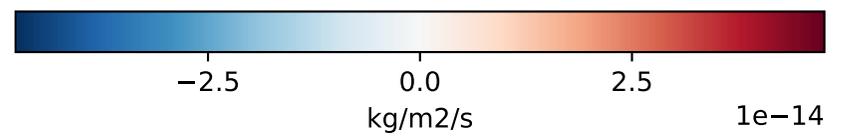
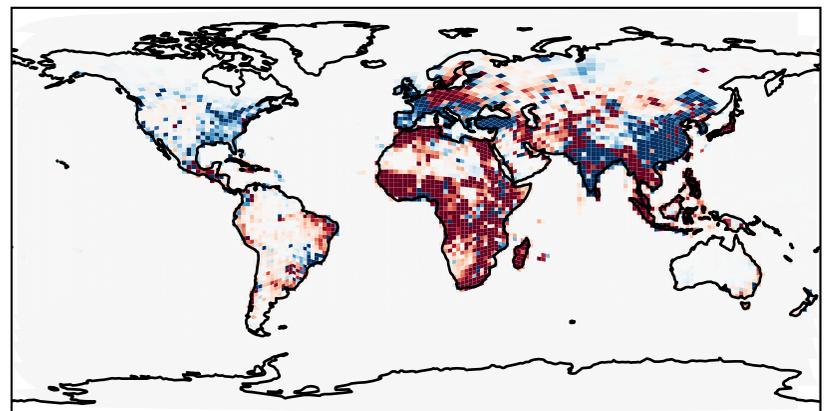
GCHP\_13.2.0 (Dev)  
c48



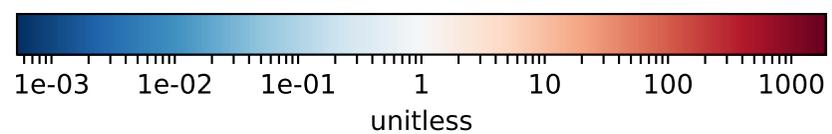
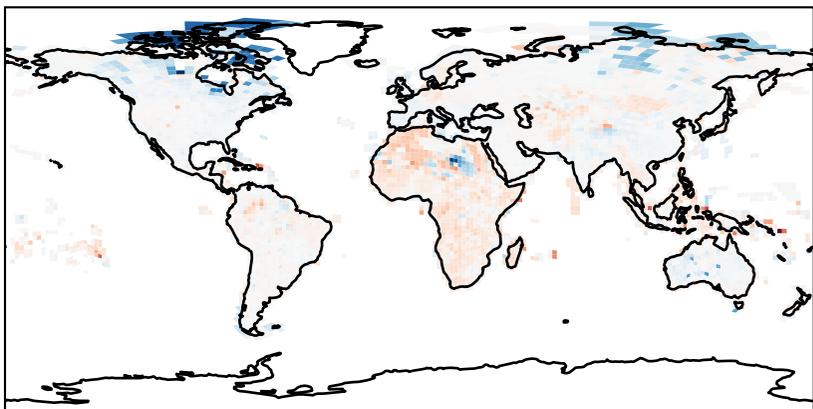
Difference  
Dev - Ref, Dynamic Range



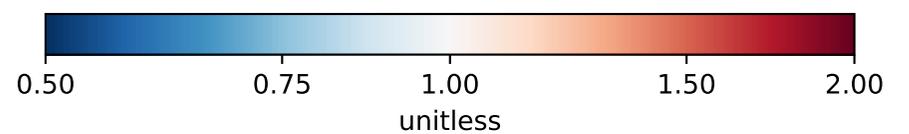
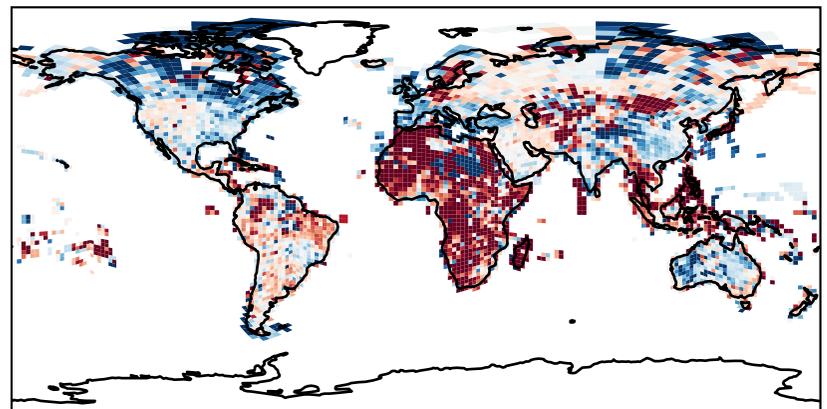
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

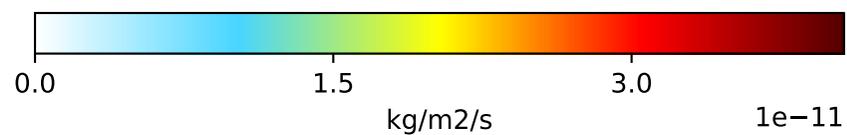
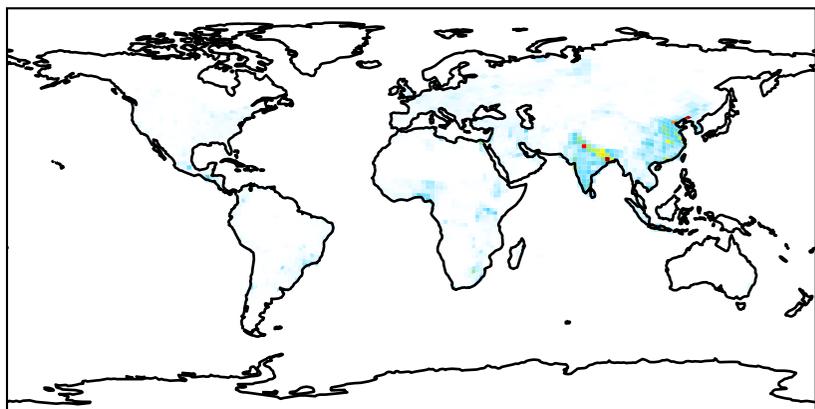


Ratio  
Dev/Ref, Fixed Range

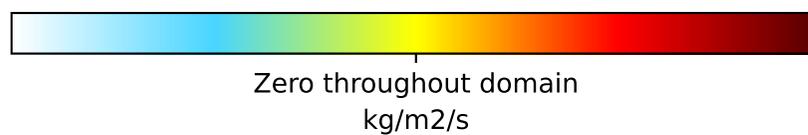
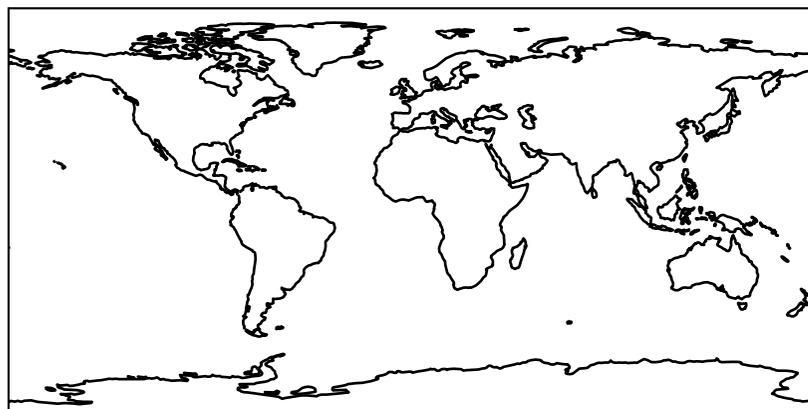


# EmisBCPO\_Anthro (Oct2019)

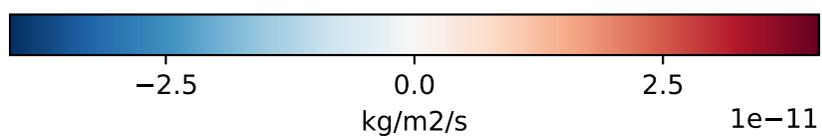
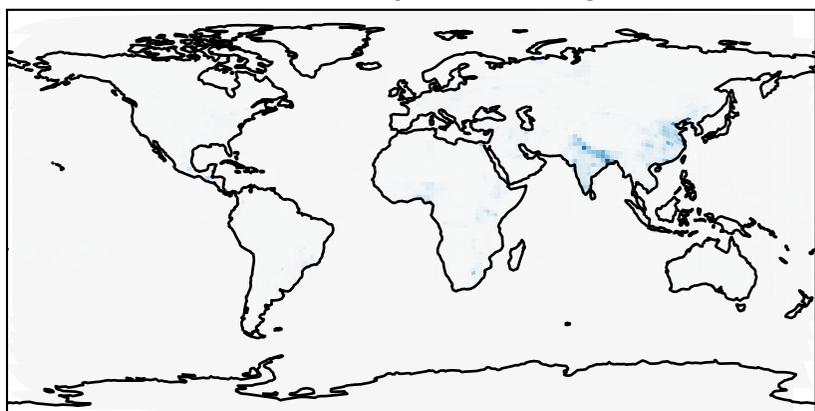
GCHP\_13.0.0 (Ref)  
c48



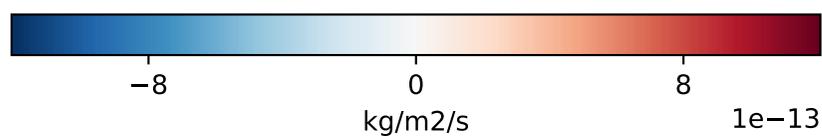
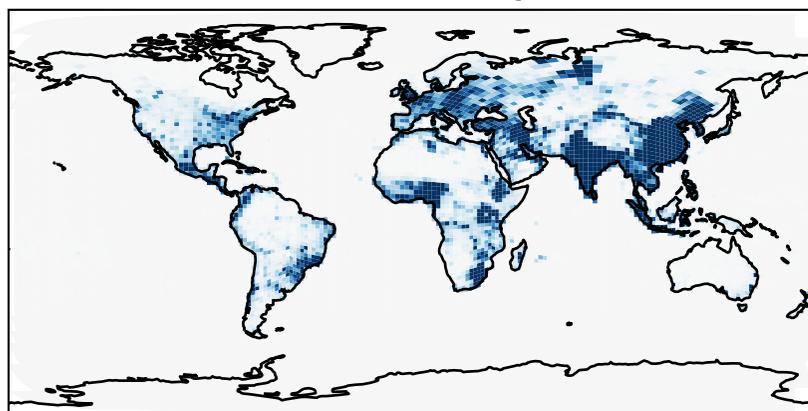
GCHP\_13.2.0 (Dev)  
c48



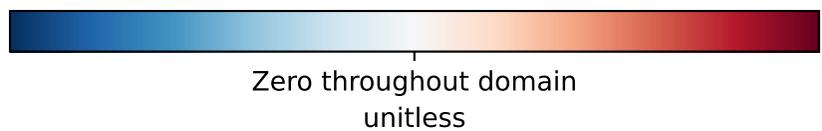
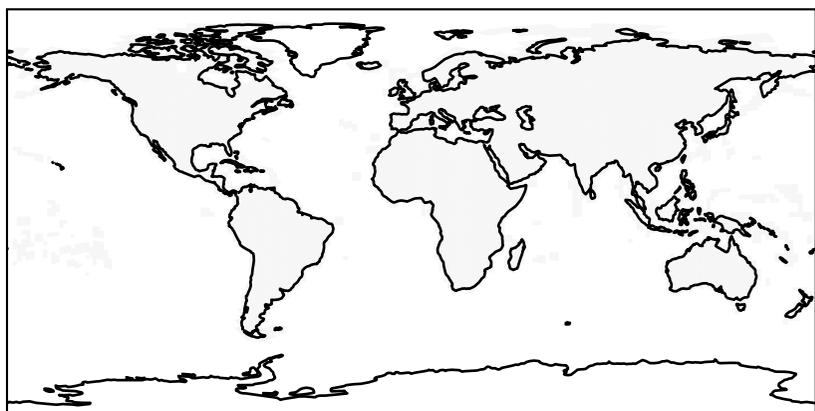
Difference  
Dev - Ref, Dynamic Range



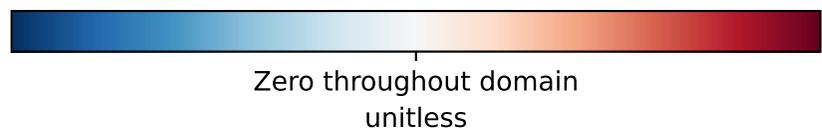
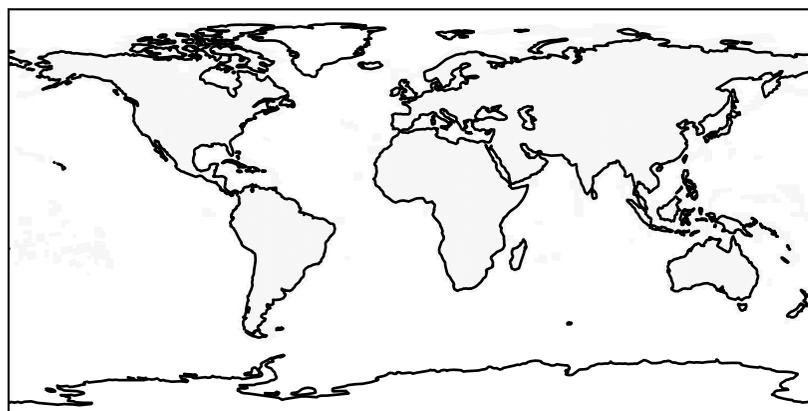
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

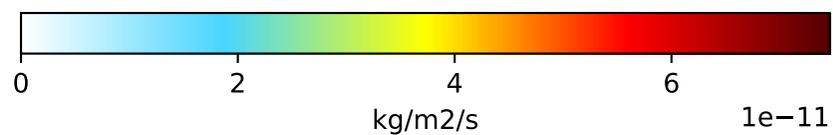
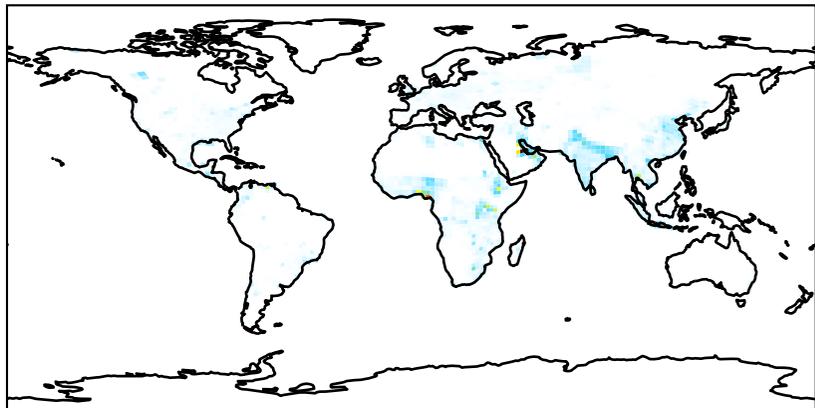


Ratio  
Dev/Ref, Fixed Range

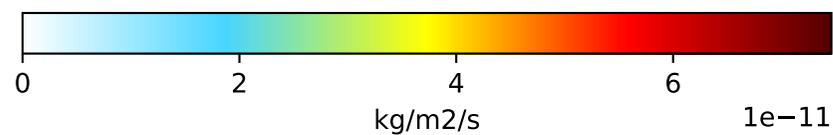
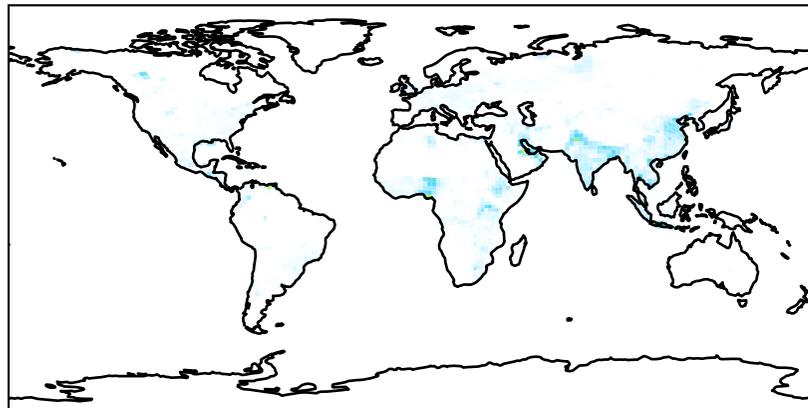


# EmisBENZ\_Anthro (Oct2019)

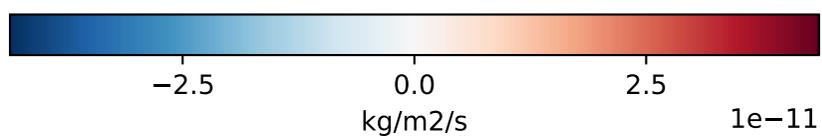
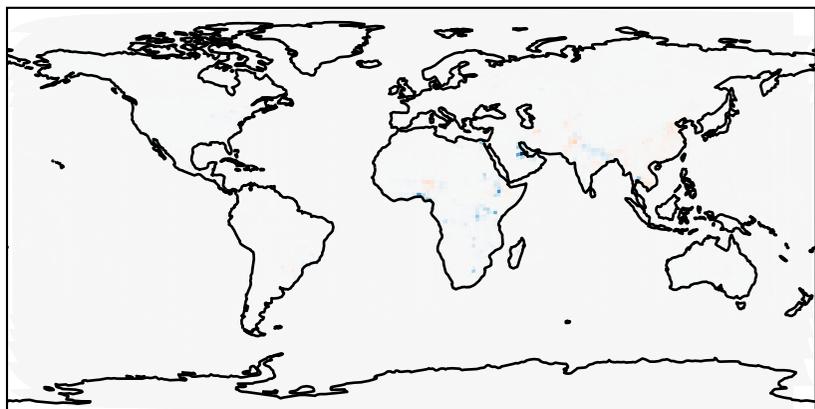
GCHP\_13.0.0 (Ref)  
c48



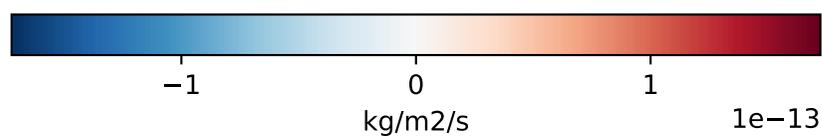
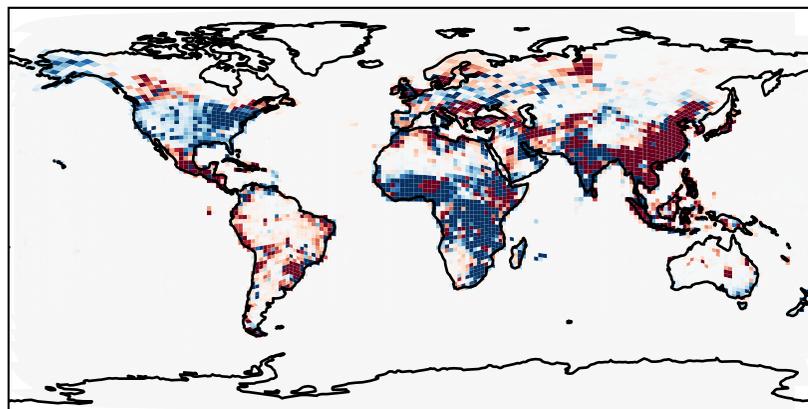
GCHP\_13.2.0 (Dev)  
c48



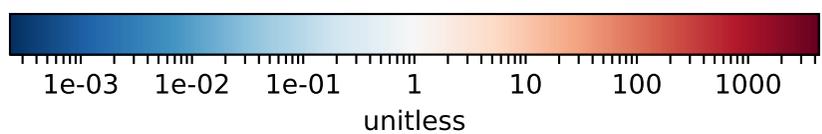
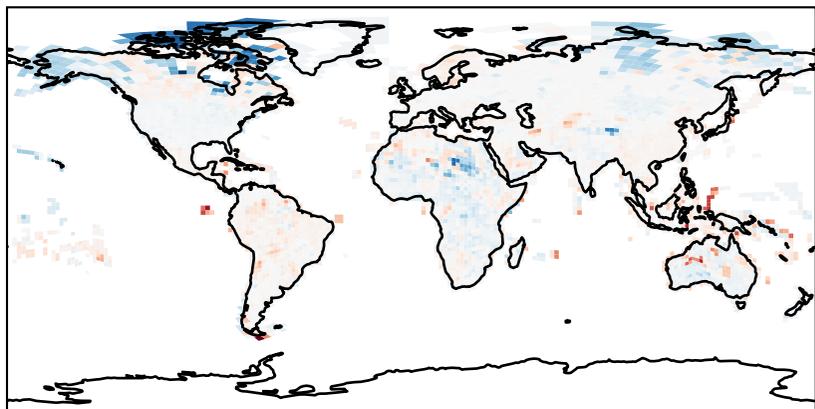
Difference  
Dev - Ref, Dynamic Range



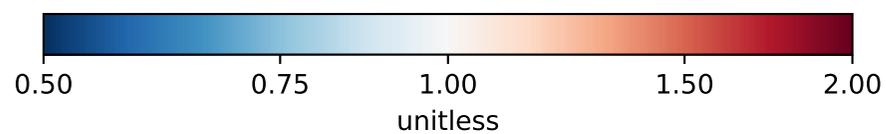
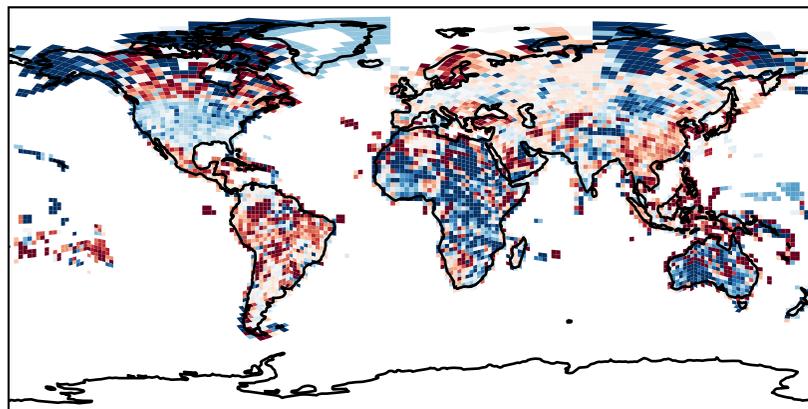
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

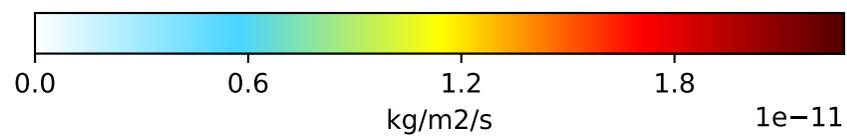
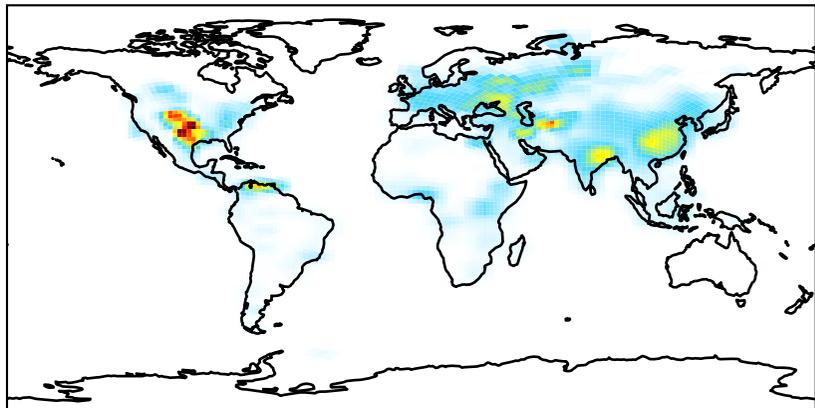


Ratio  
Dev/Ref, Fixed Range

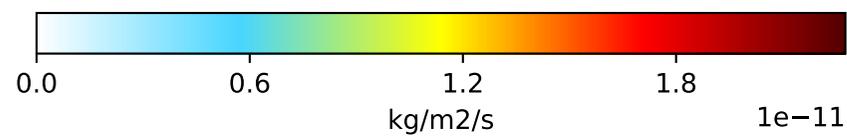
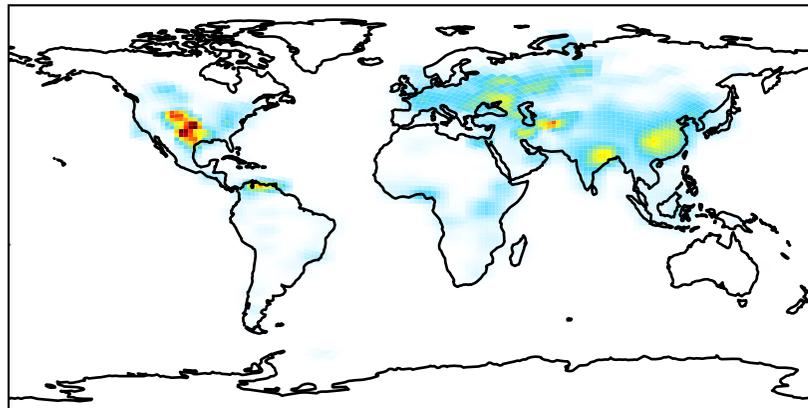


# EmisC2H6\_Anthro (Oct2019)

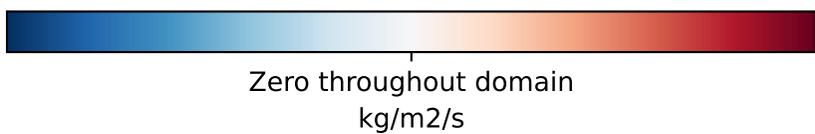
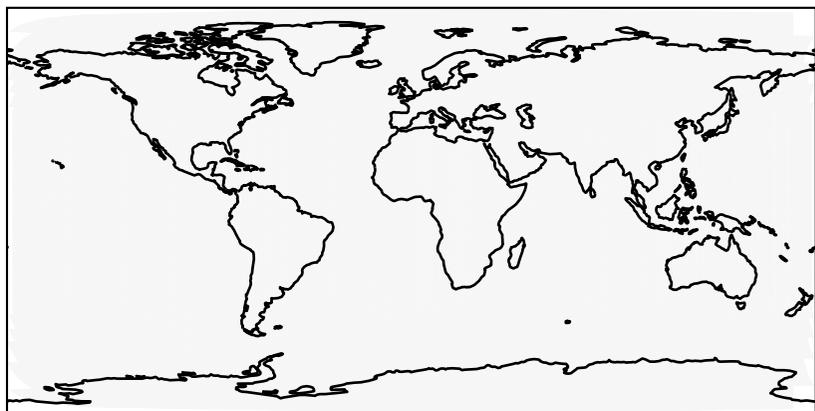
GCHP\_13.0.0 (Ref)  
c48



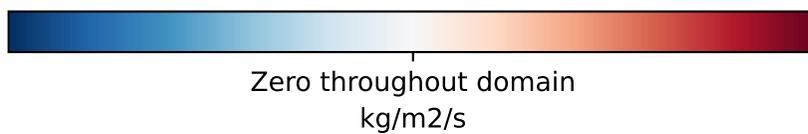
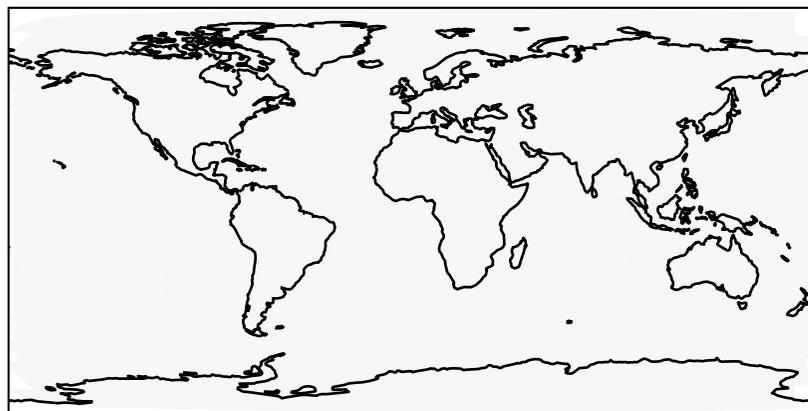
GCHP\_13.2.0 (Dev)  
c48



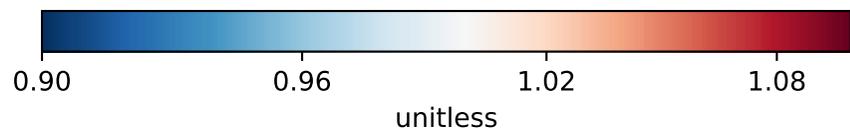
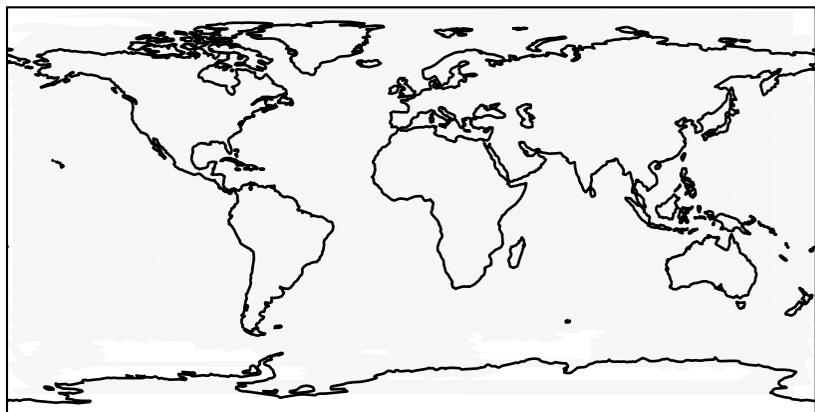
Difference  
Dev - Ref, Dynamic Range



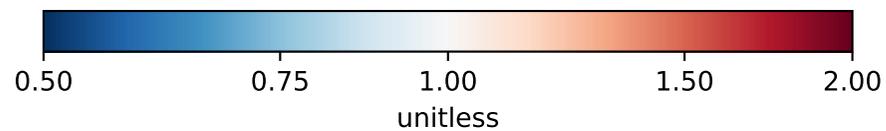
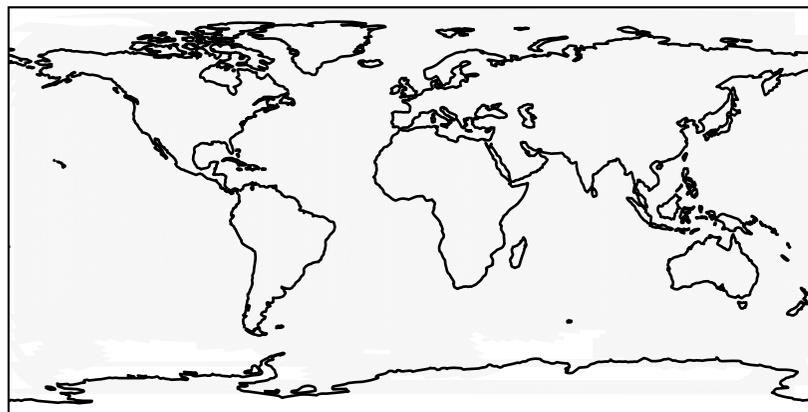
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

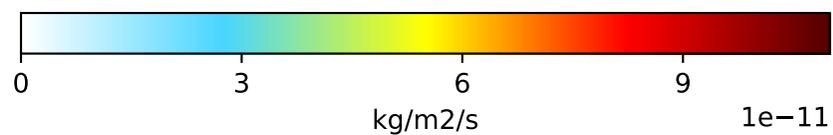
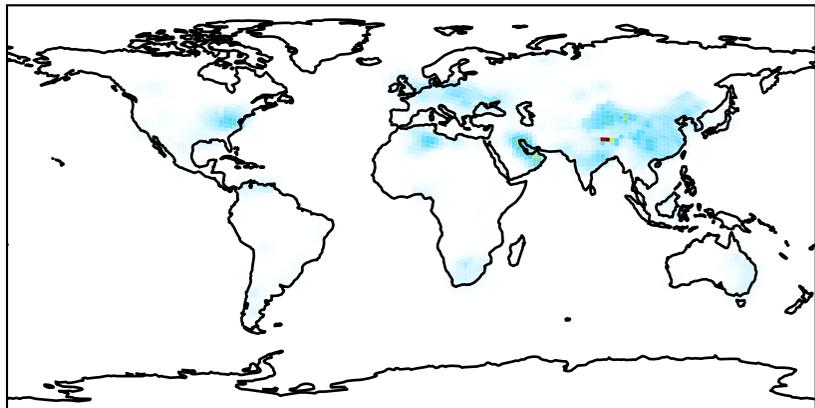


Ratio  
Dev/Ref, Fixed Range

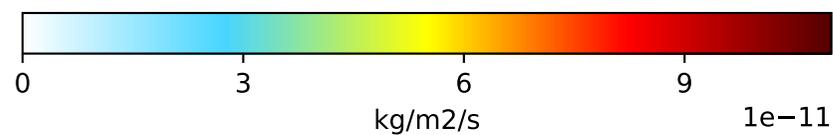
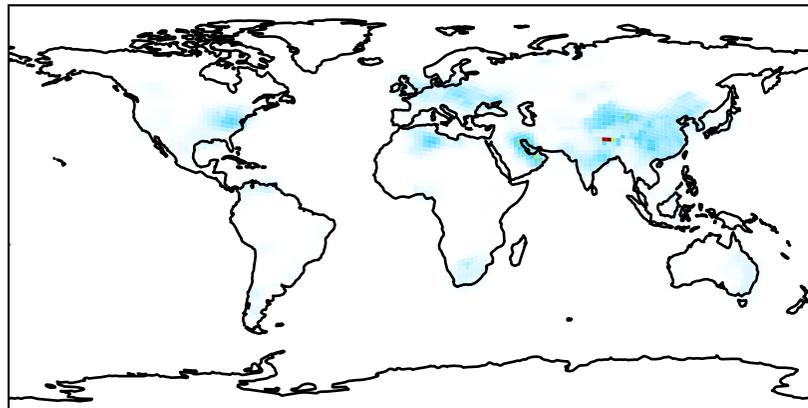


# EmisC3H8\_Anthro (Oct2019)

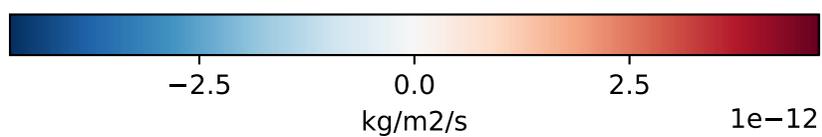
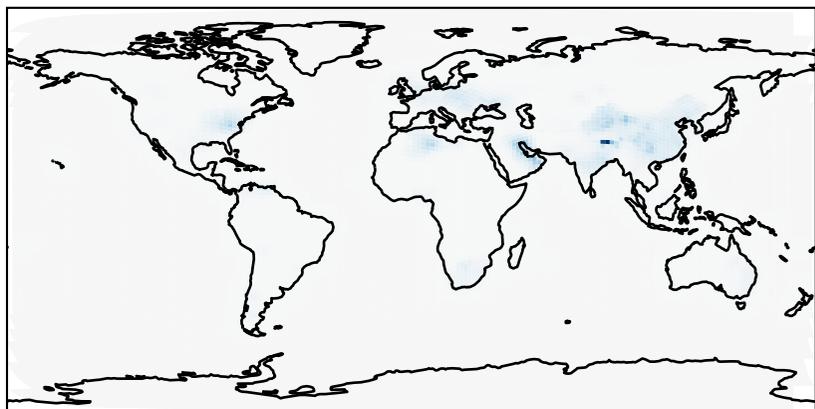
GCHP\_13.0.0 (Ref)  
c48



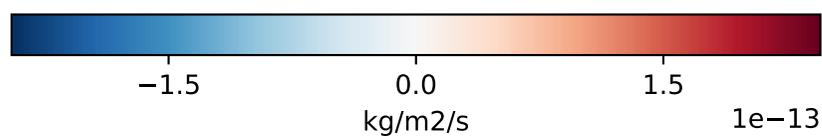
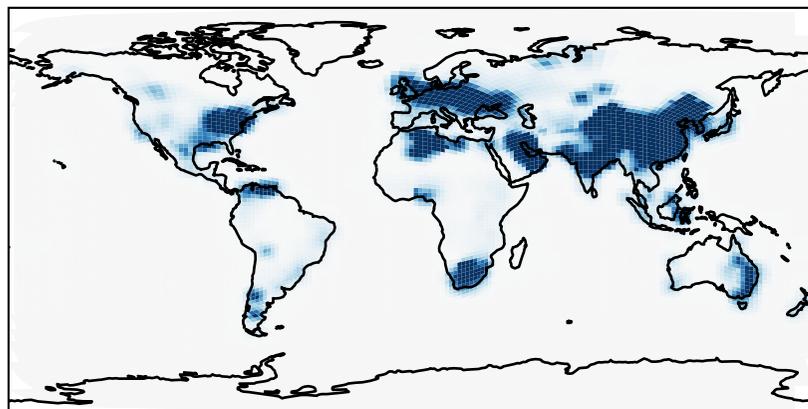
GCHP\_13.2.0 (Dev)  
c48



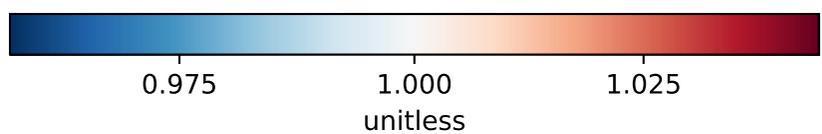
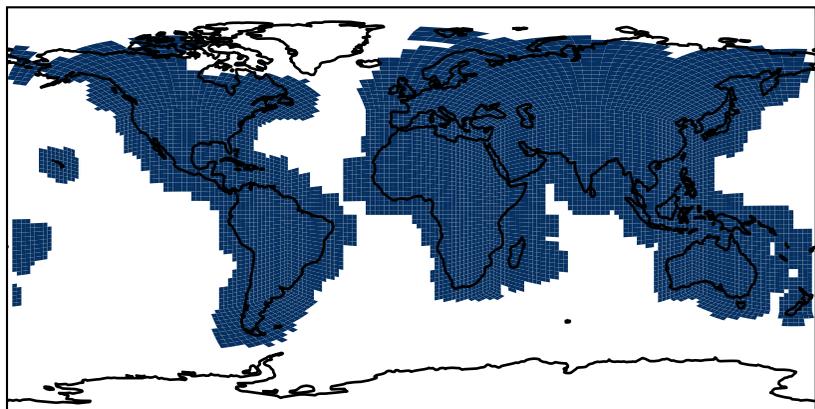
Difference  
Dev - Ref, Dynamic Range



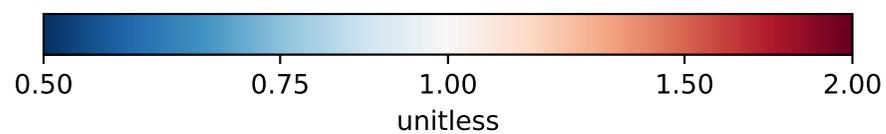
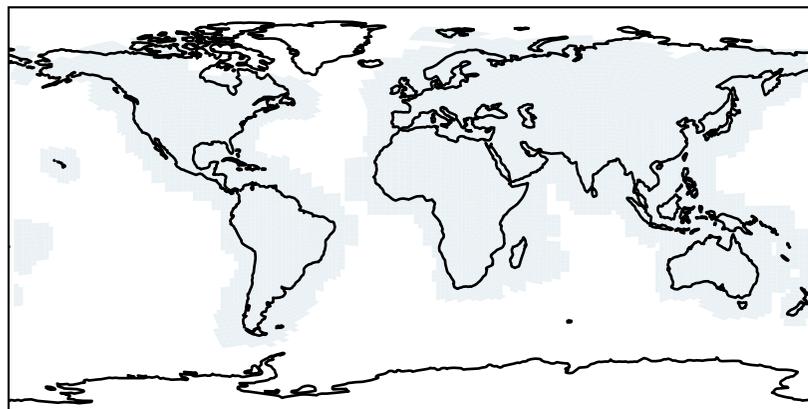
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

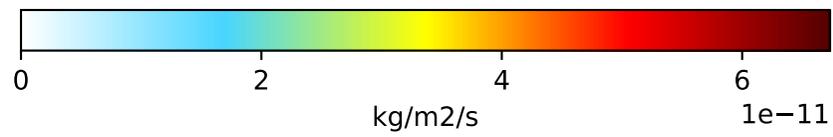
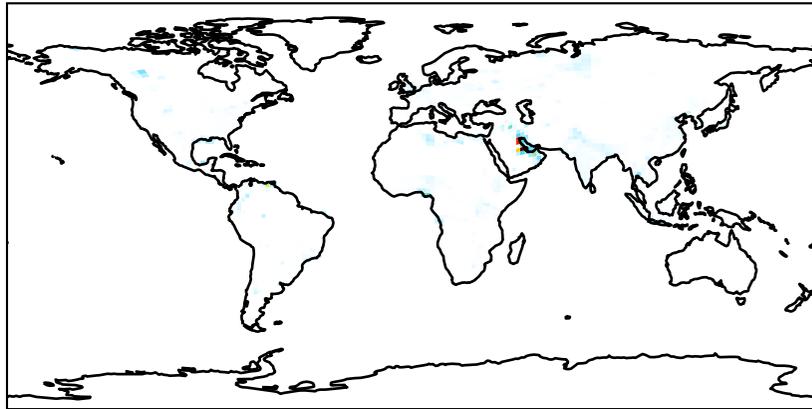


Ratio  
Dev/Ref, Fixed Range

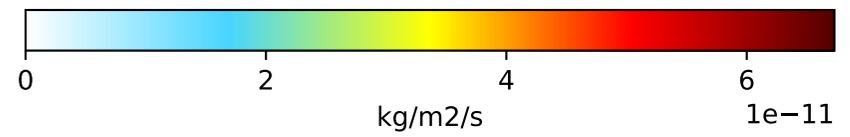
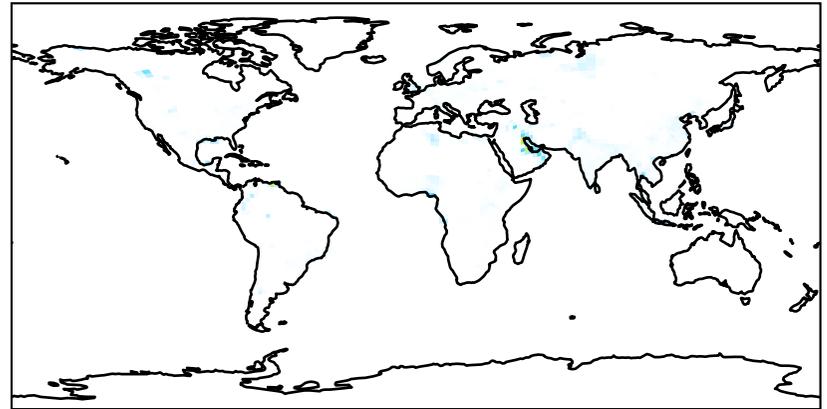


# EmisCH2O\_Anthro (Oct2019)

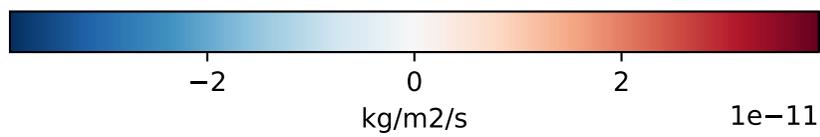
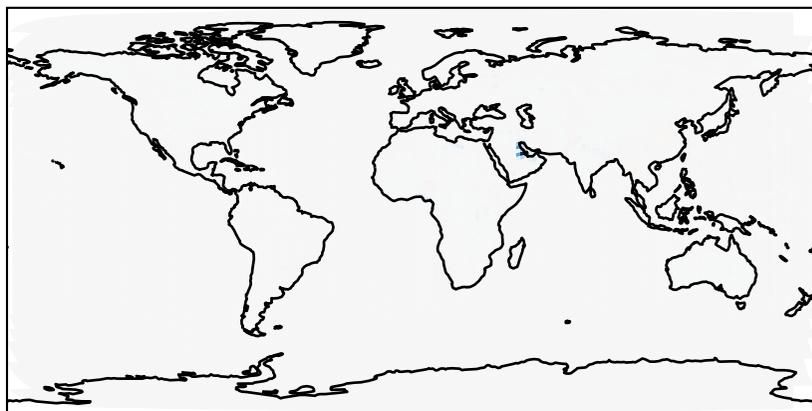
GCHP\_13.0.0 (Ref)  
c48



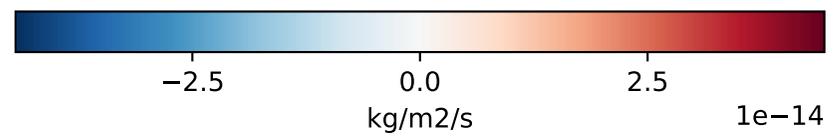
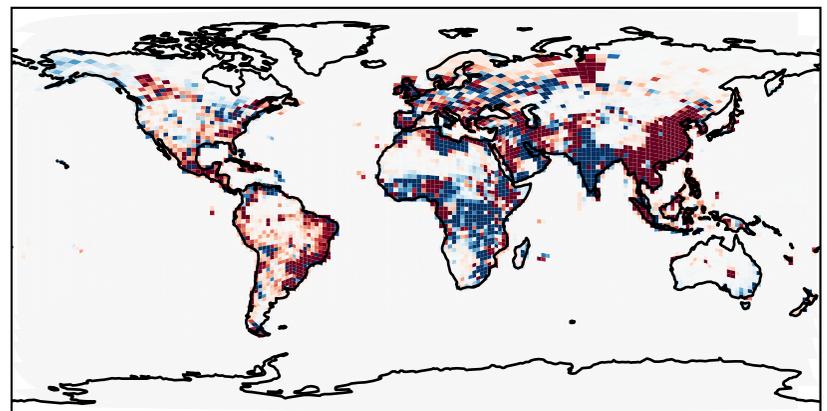
GCHP\_13.2.0 (Dev)  
c48



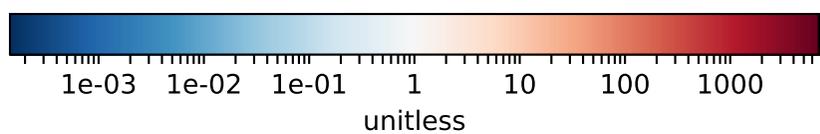
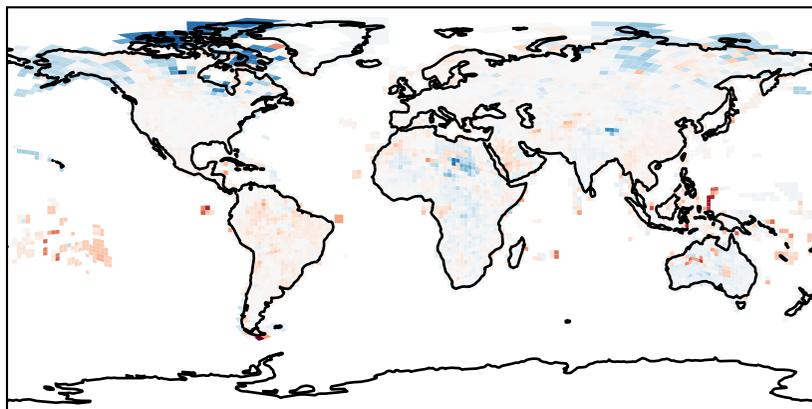
Difference  
Dev - Ref, Dynamic Range



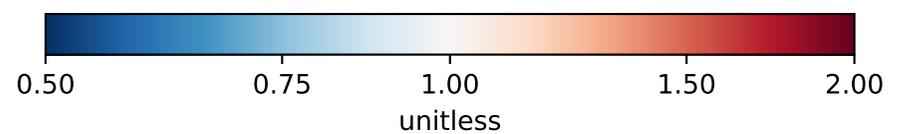
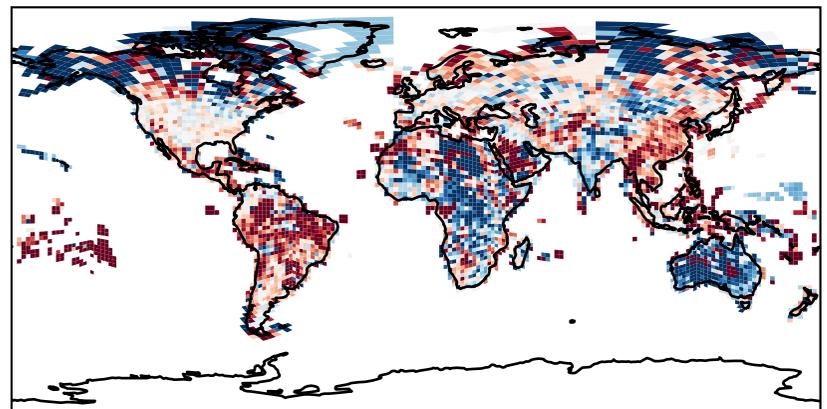
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

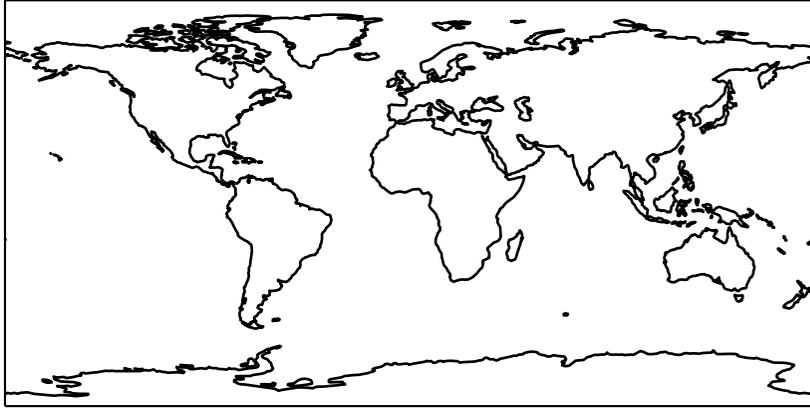


Ratio  
Dev/Ref, Fixed Range



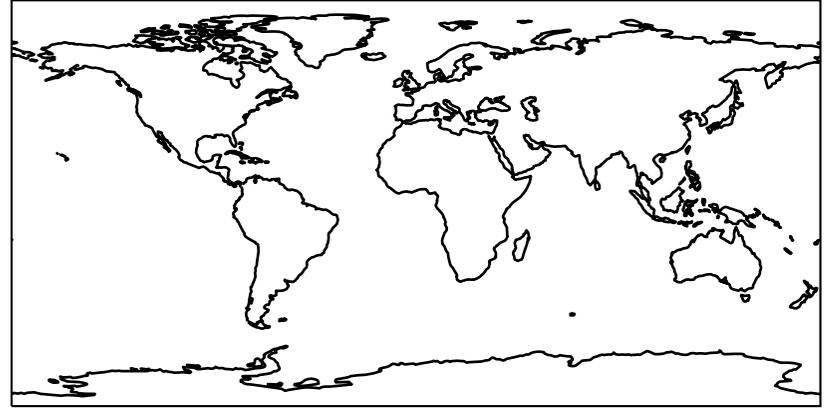
# EmisCO2\_Anthro (Oct2019)

GCHP\_13.0.0 (Ref)  
c48



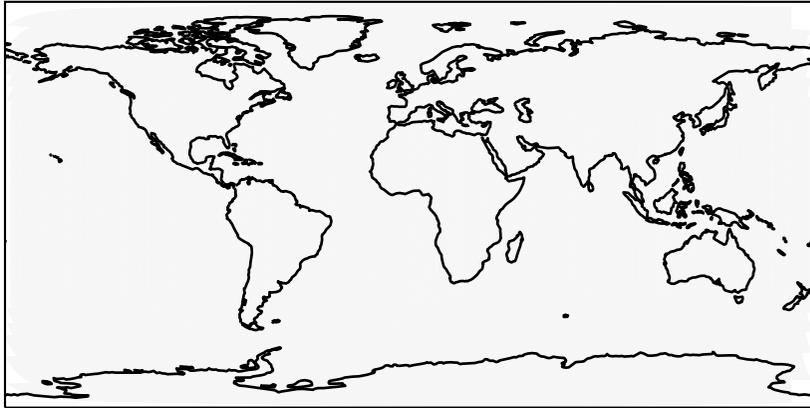
Zero throughout domain  
kg/m2/s

GCHP\_13.2.0 (Dev)  
c48



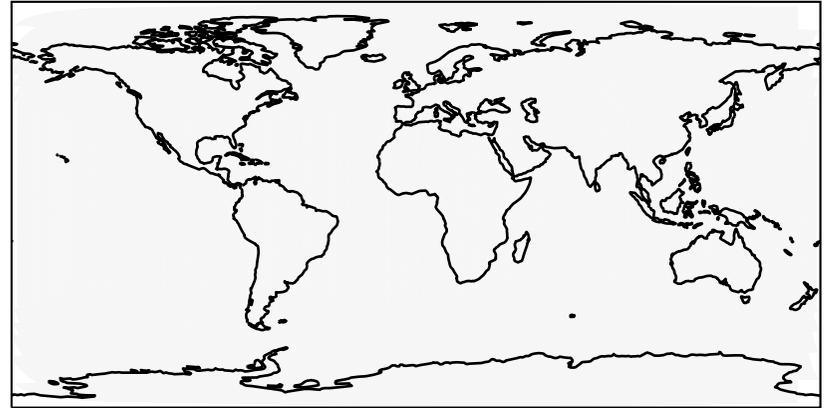
Zero throughout domain  
kg/m2/s

Difference  
Dev - Ref, Dynamic Range



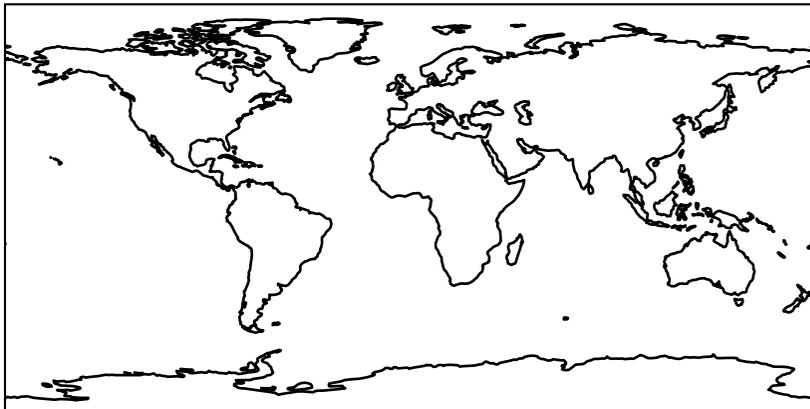
Zero throughout domain  
kg/m2/s

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



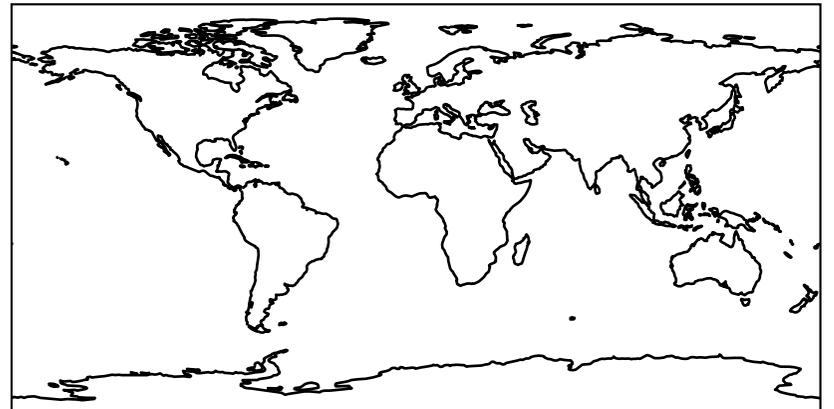
Zero throughout domain  
kg/m2/s

Ratio  
Dev/Ref, Dynamic Range



Undefined throughout domain  
unitless

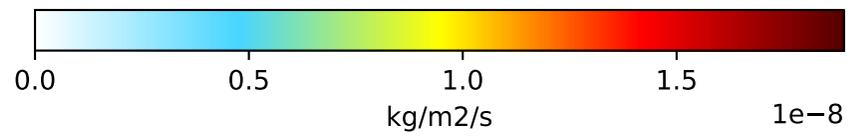
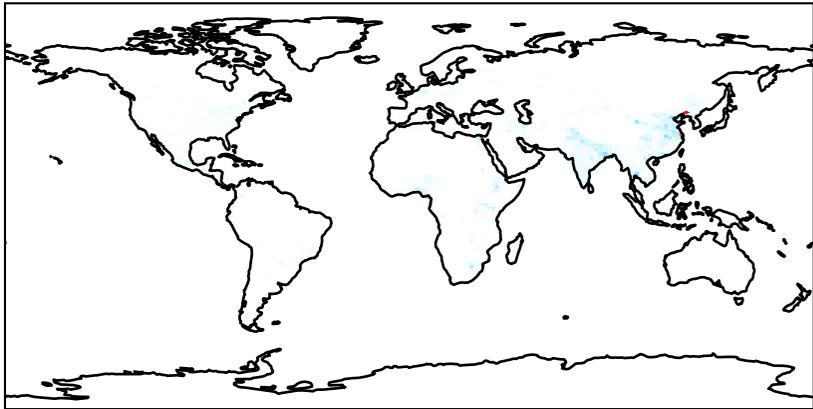
Ratio  
Dev/Ref, Fixed Range



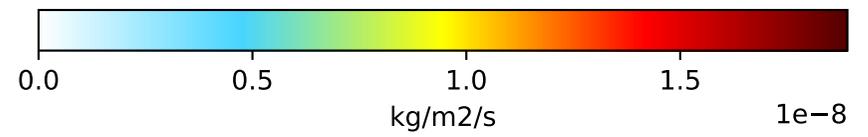
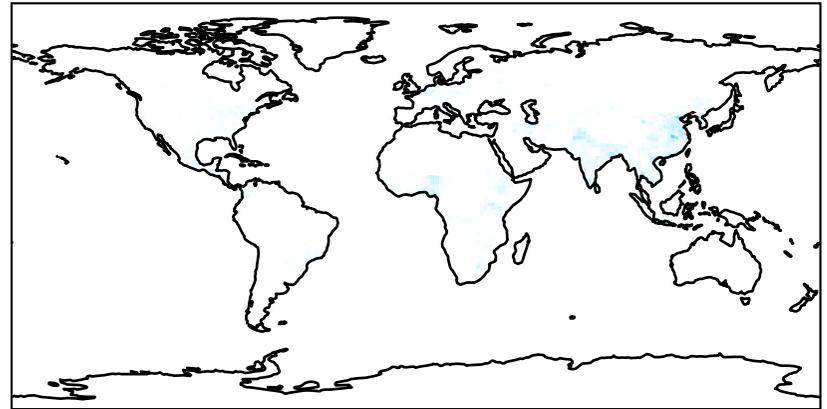
Undefined throughout domain  
unitless

# EmisCO\_Anthro (Oct2019)

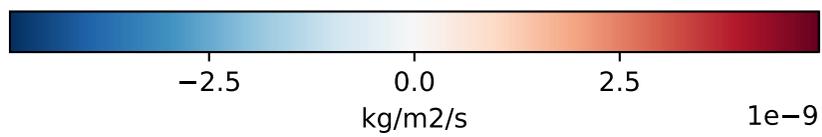
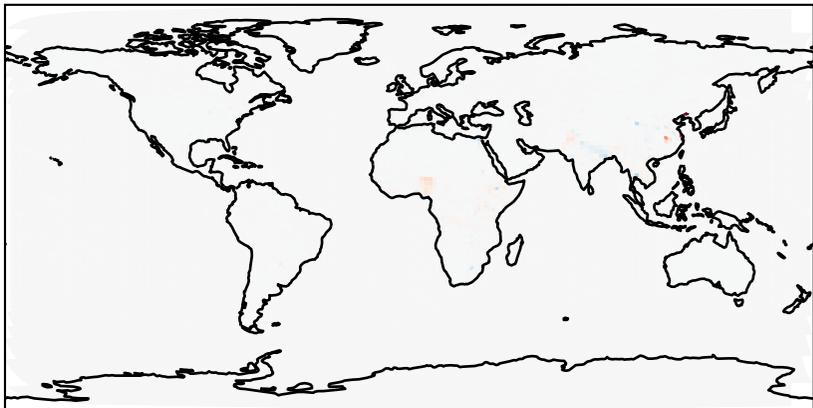
GCHP\_13.0.0 (Ref)  
c48



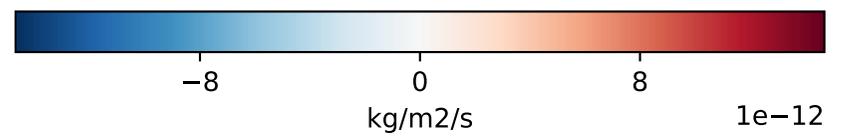
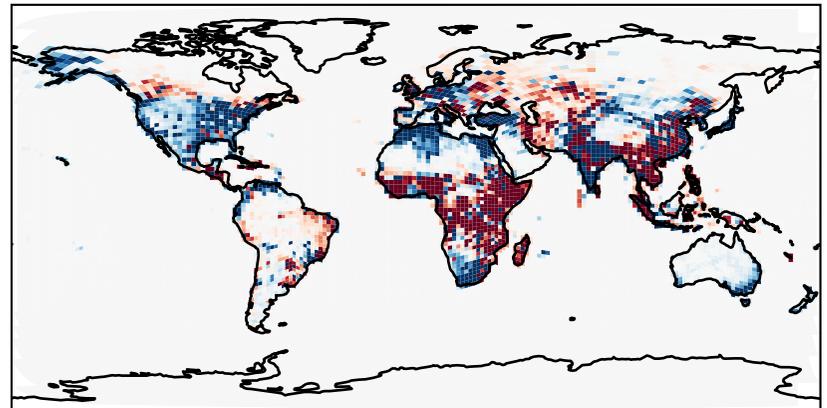
GCHP\_13.2.0 (Dev)  
c48



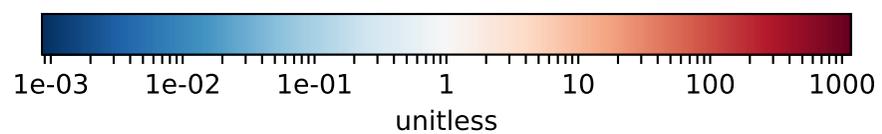
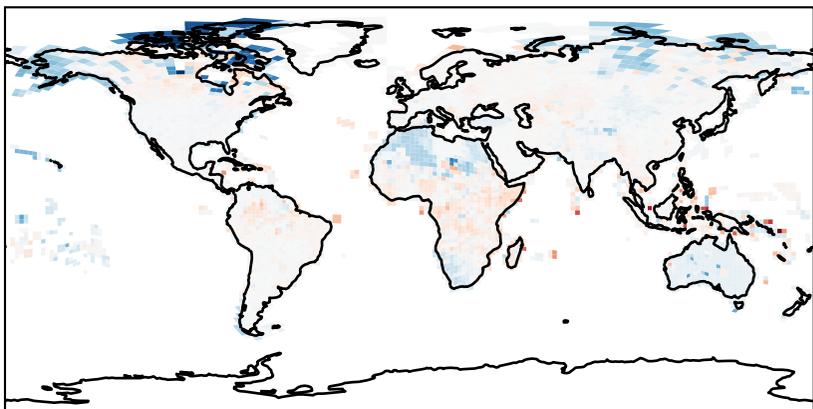
Difference  
Dev - Ref, Dynamic Range



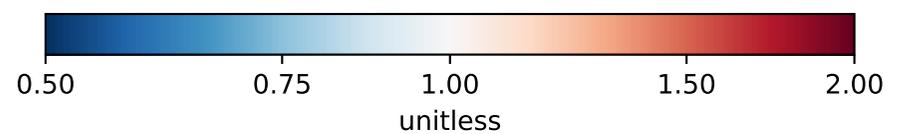
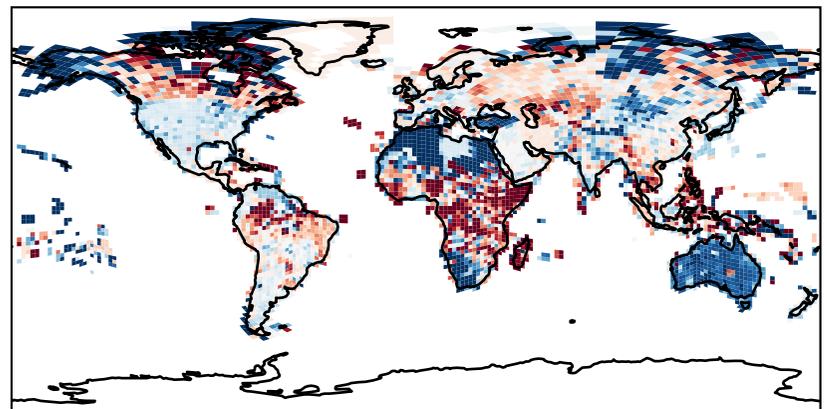
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

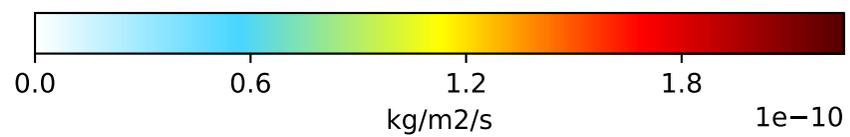
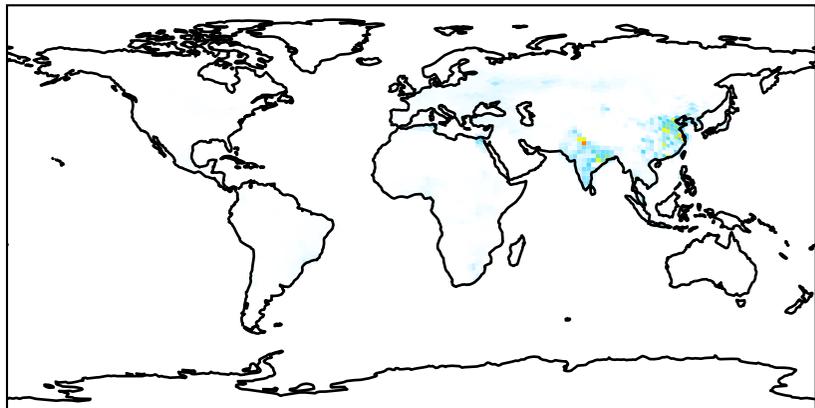


Ratio  
Dev/Ref, Fixed Range

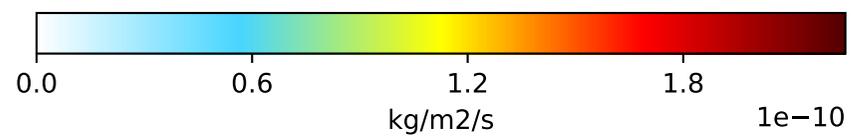
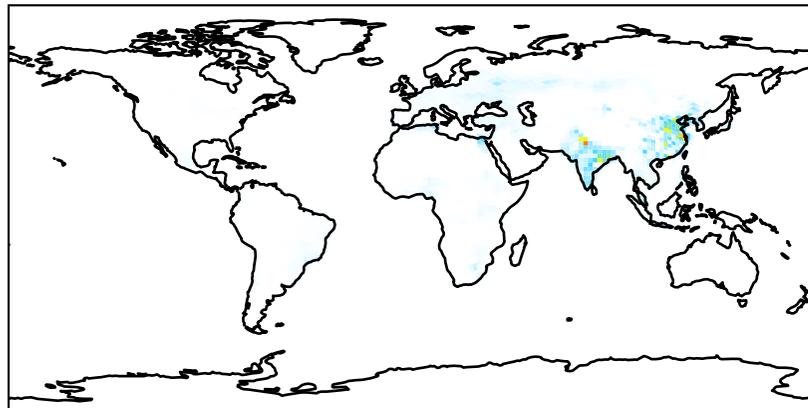


# EmisDST1\_Anthro (Oct2019)

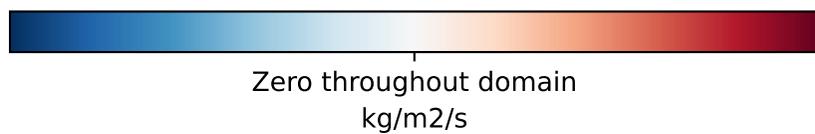
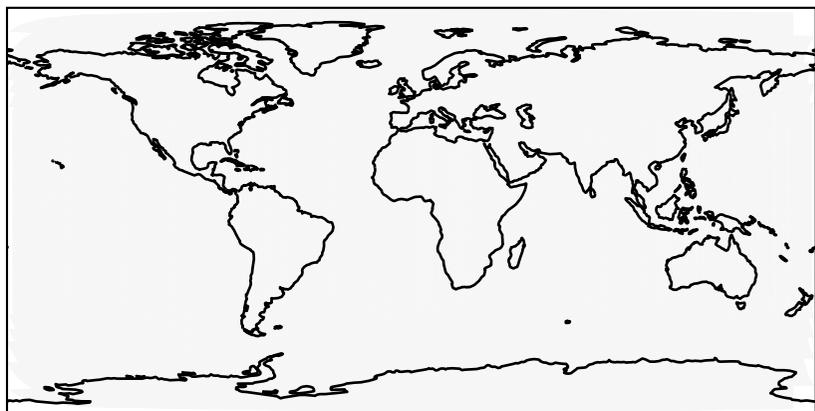
GCHP\_13.0.0 (Ref)  
c48



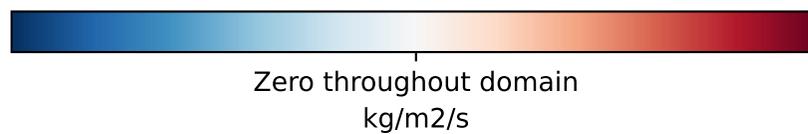
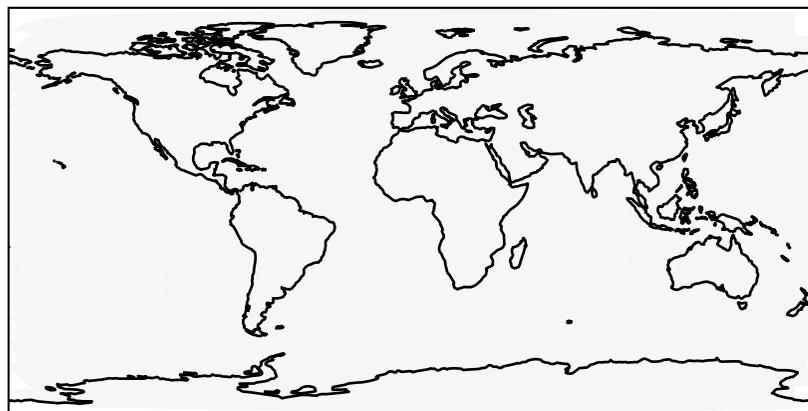
GCHP\_13.2.0 (Dev)  
c48



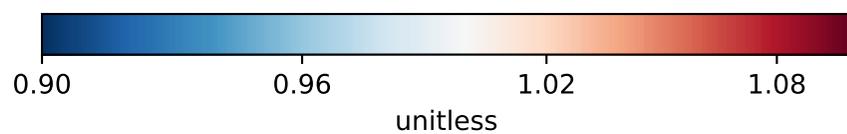
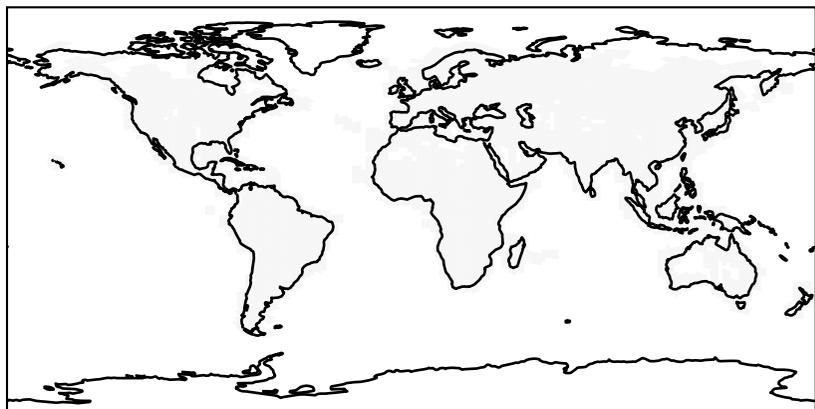
Difference  
Dev - Ref, Dynamic Range



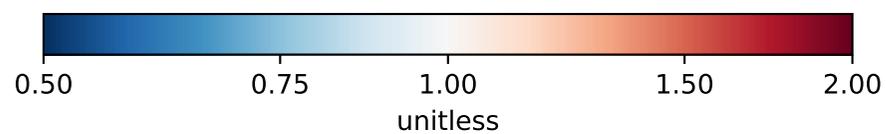
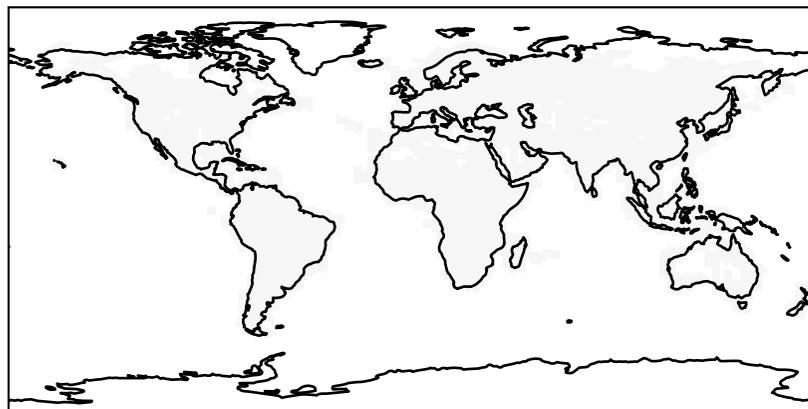
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

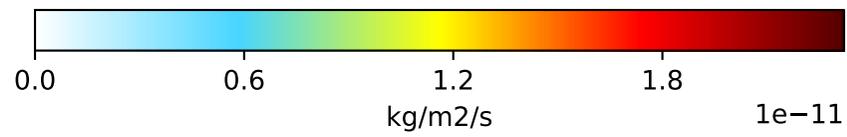
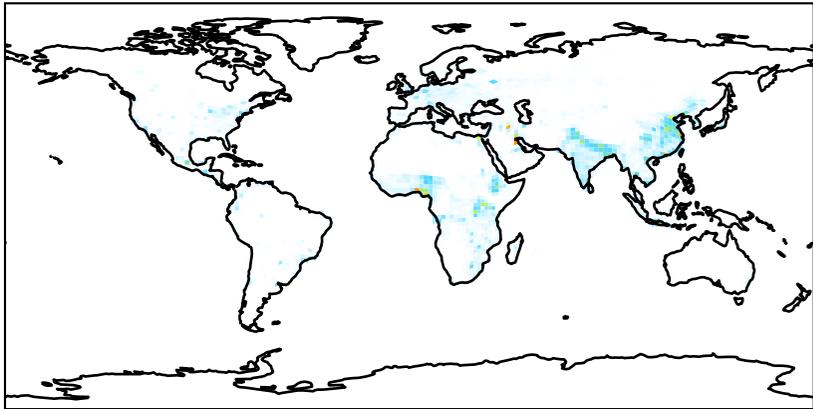


Ratio  
Dev/Ref, Fixed Range

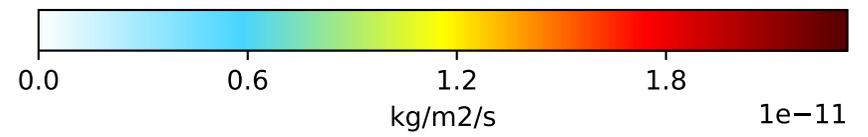
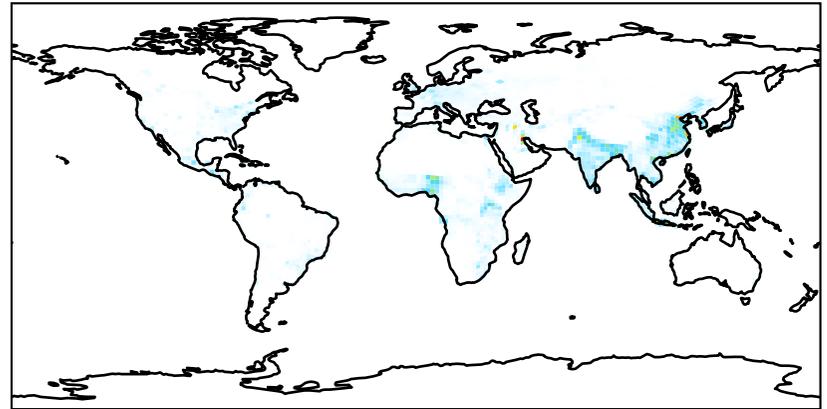


# EmisEOH\_Anthro (Oct2019)

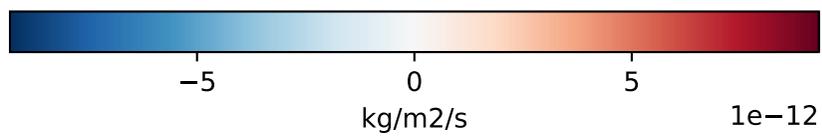
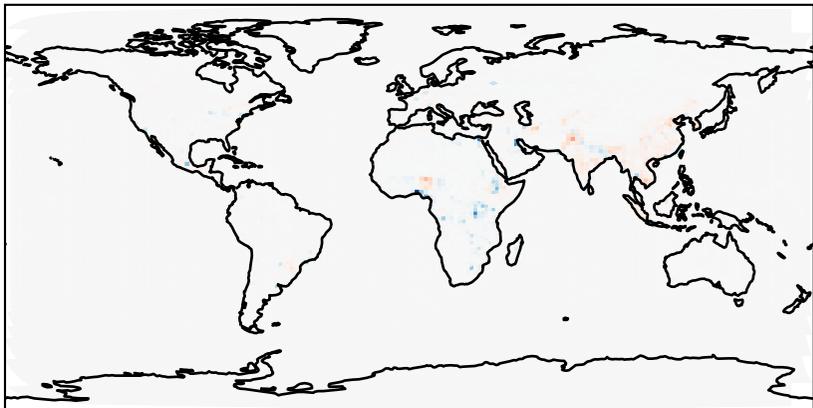
GCHP\_13.0.0 (Ref)  
c48



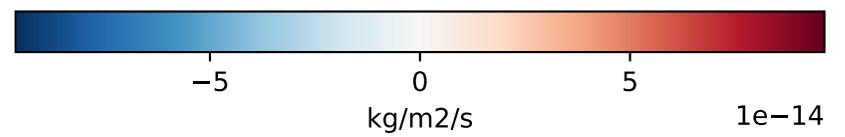
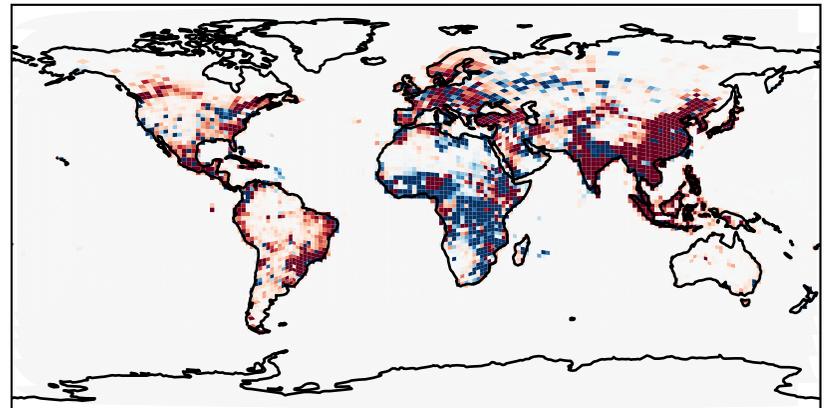
GCHP\_13.2.0 (Dev)  
c48



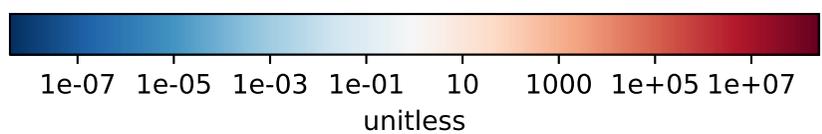
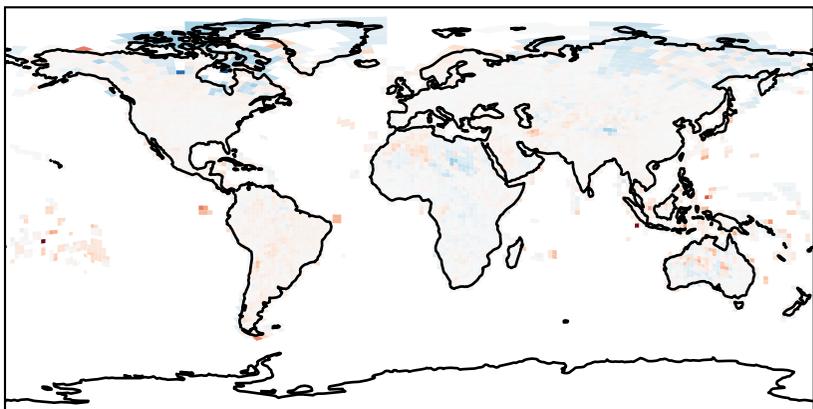
Difference  
Dev - Ref, Dynamic Range



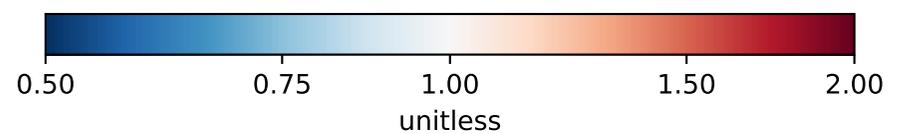
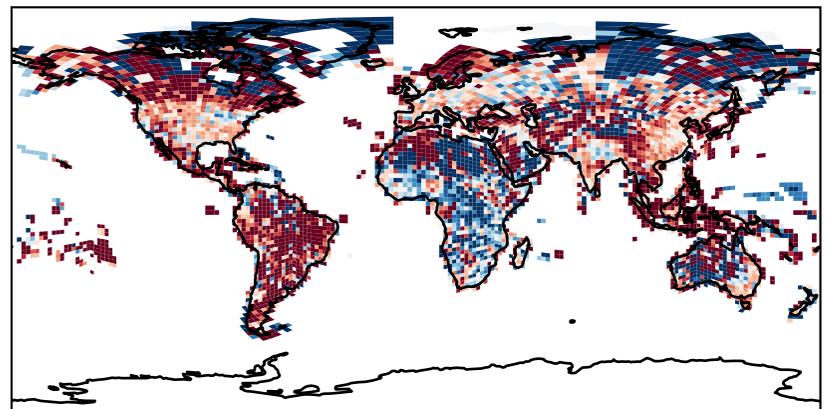
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

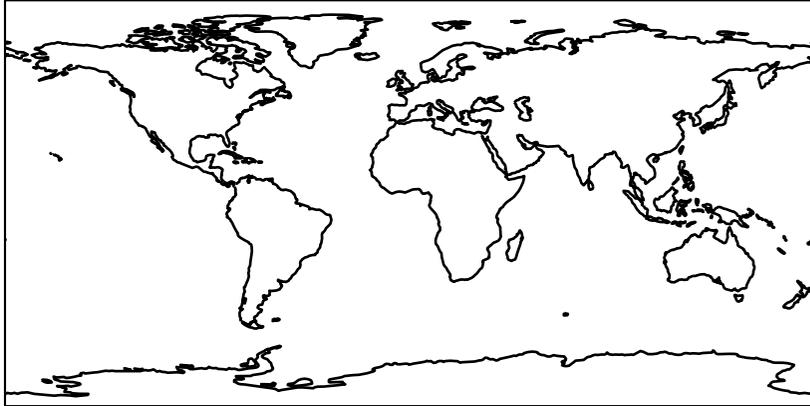


Ratio  
Dev/Ref, Fixed Range



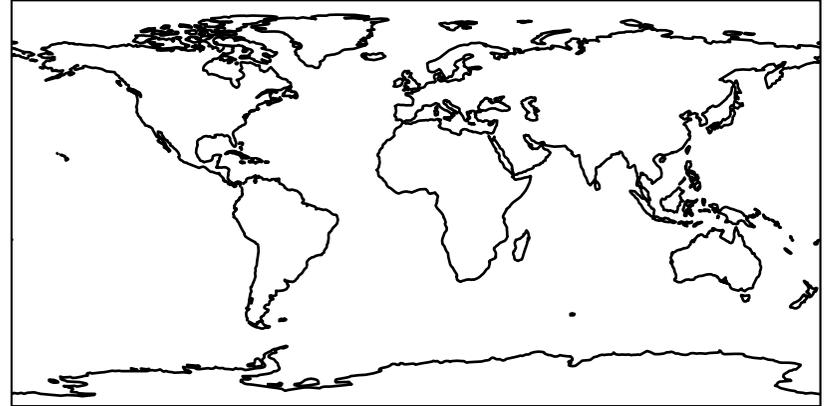
# EmisGLYC\_Anthro (Oct2019)

GCHP\_13.0.0 (Ref)  
c48



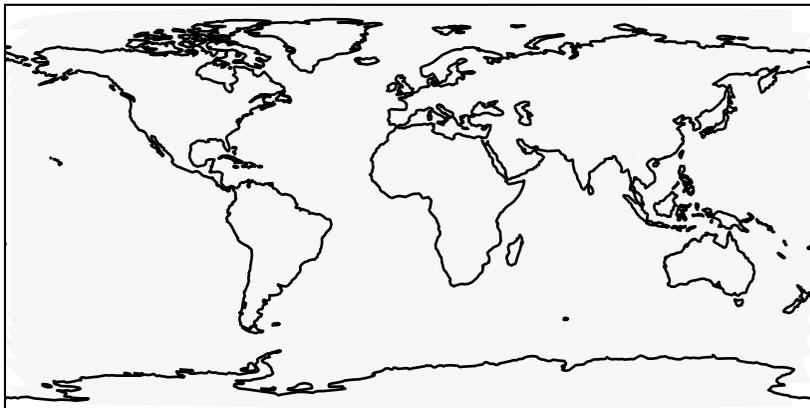
Zero throughout domain  
kg/m2/s

GCHP\_13.2.0 (Dev)  
c48



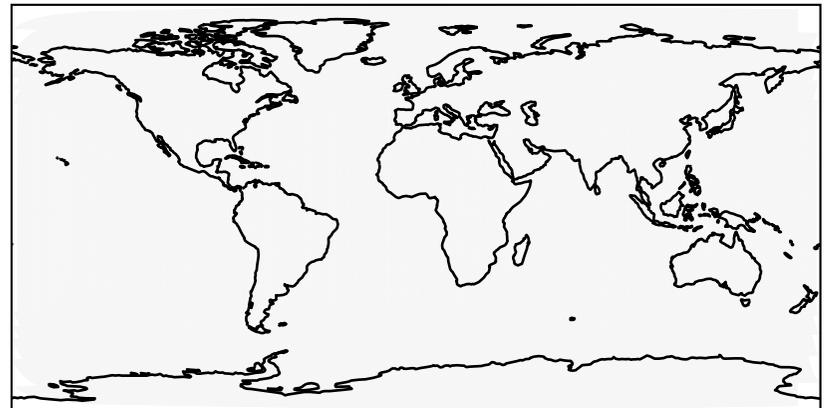
Zero throughout domain  
kg/m2/s

Difference  
Dev - Ref, Dynamic Range



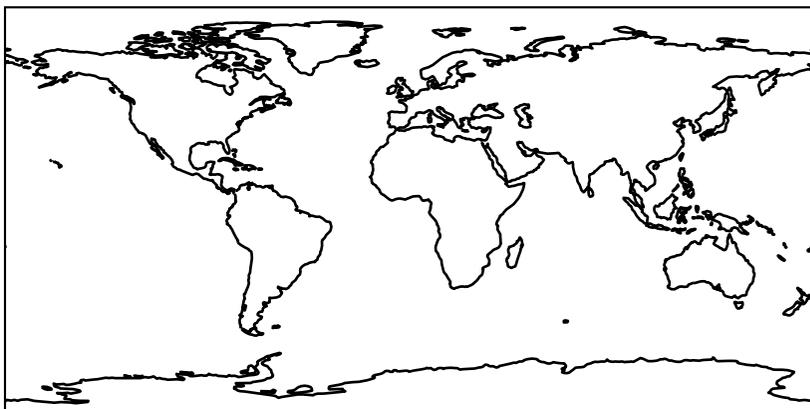
Zero throughout domain  
kg/m2/s

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



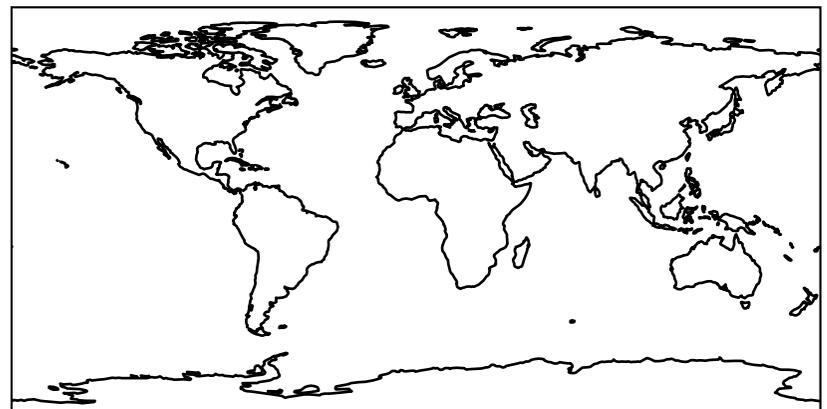
Zero throughout domain  
kg/m2/s

Ratio  
Dev/Ref, Dynamic Range



Undefined throughout domain  
unitless

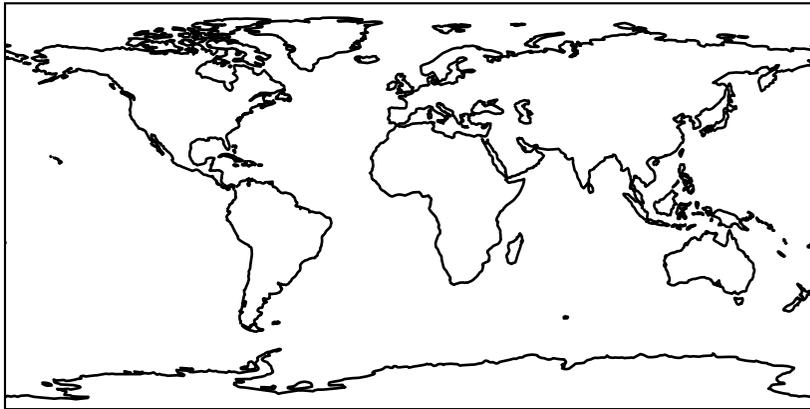
Ratio  
Dev/Ref, Fixed Range



Undefined throughout domain  
unitless

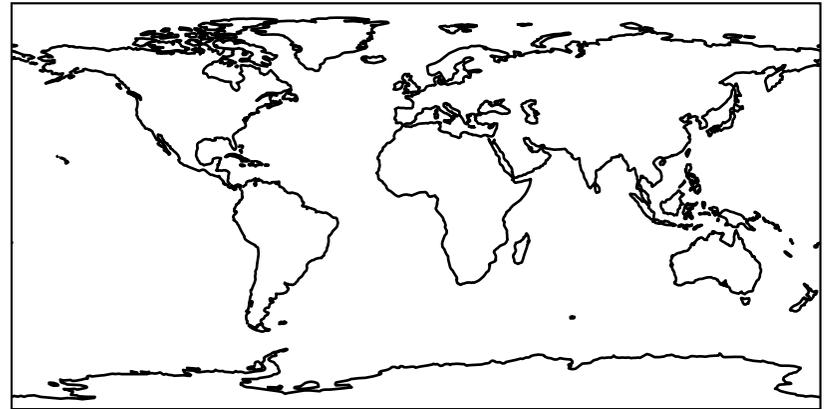
# EmisHAC\_Anthro (Oct2019)

GCHP\_13.0.0 (Ref)  
c48



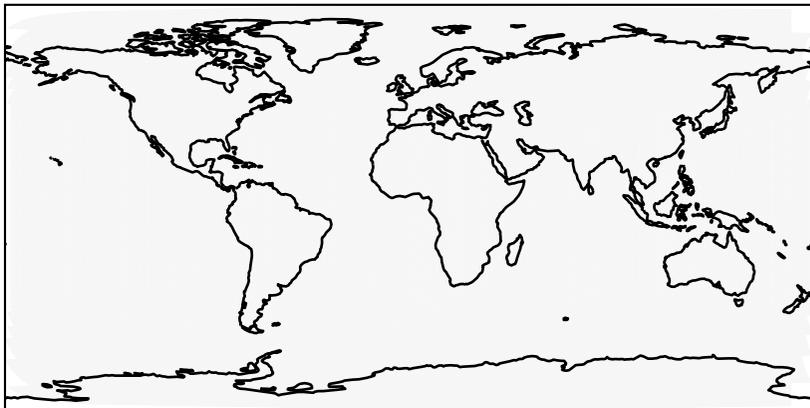
Zero throughout domain  
kg/m2/s

GCHP\_13.2.0 (Dev)  
c48



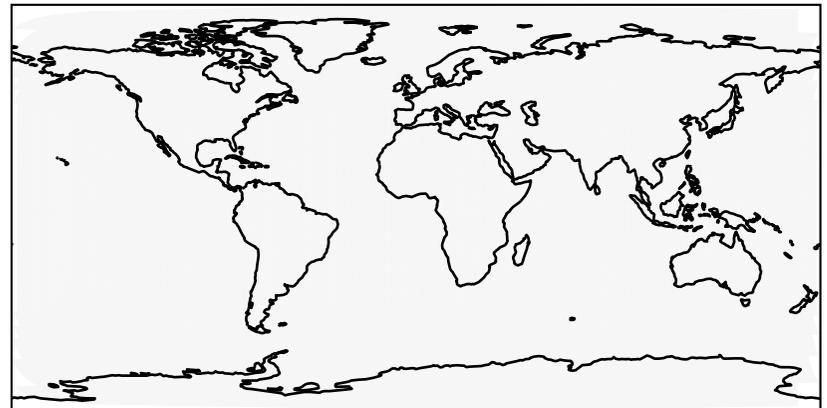
Zero throughout domain  
kg/m2/s

Difference  
Dev - Ref, Dynamic Range



Zero throughout domain  
kg/m2/s

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



Zero throughout domain  
kg/m2/s

Ratio  
Dev/Ref, Dynamic Range



Undefined throughout domain  
unitless

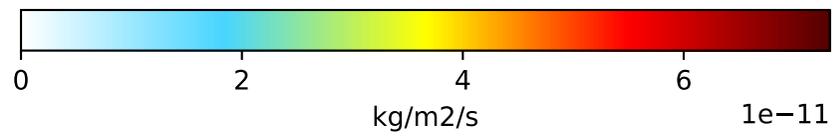
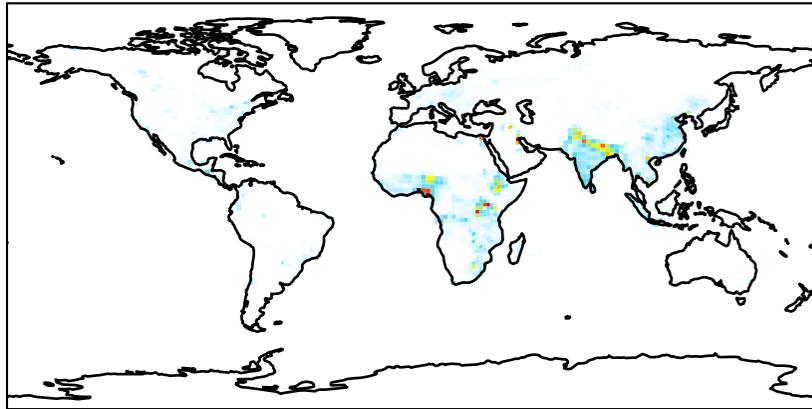
Ratio  
Dev/Ref, Fixed Range



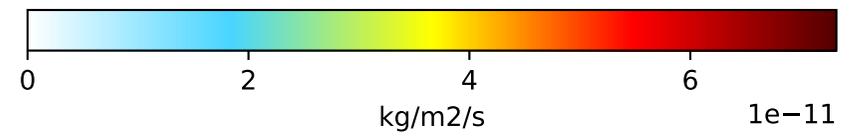
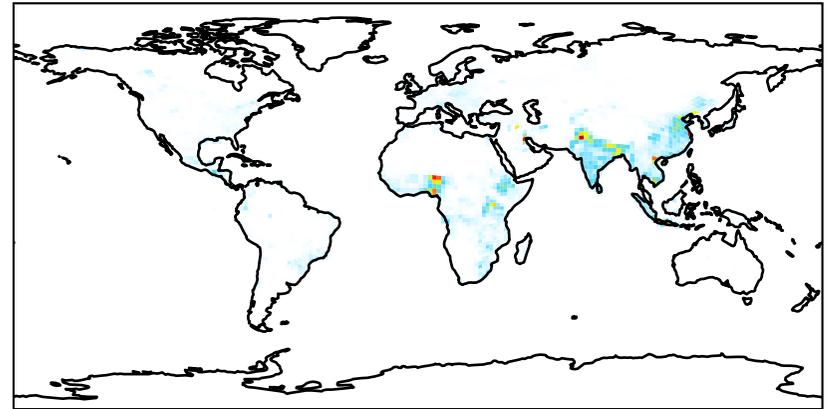
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# EmisHCOOH\_Anthro (Oct2019)

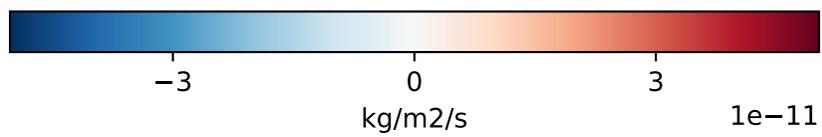
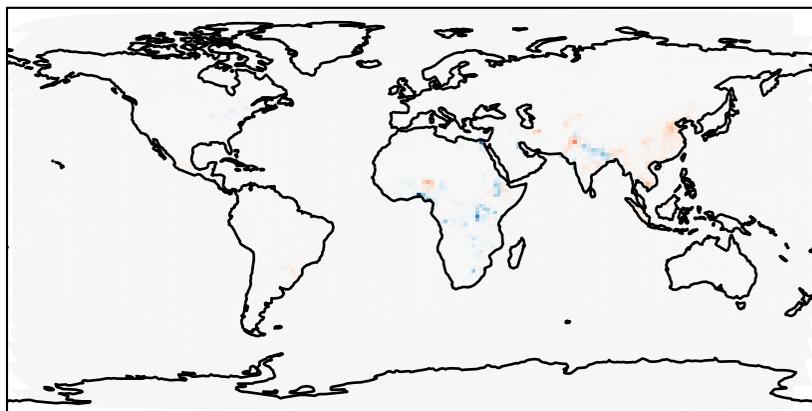
GCHP\_13.0.0 (Ref)  
c48



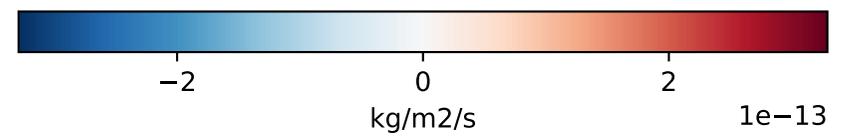
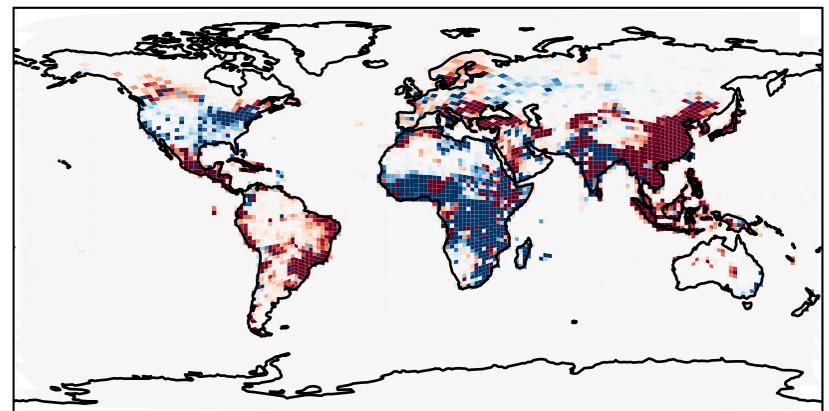
GCHP\_13.2.0 (Dev)  
c48



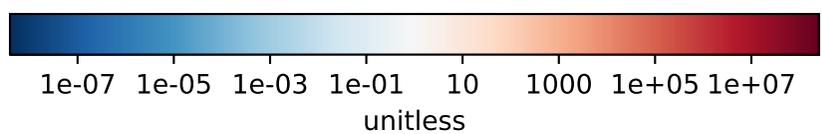
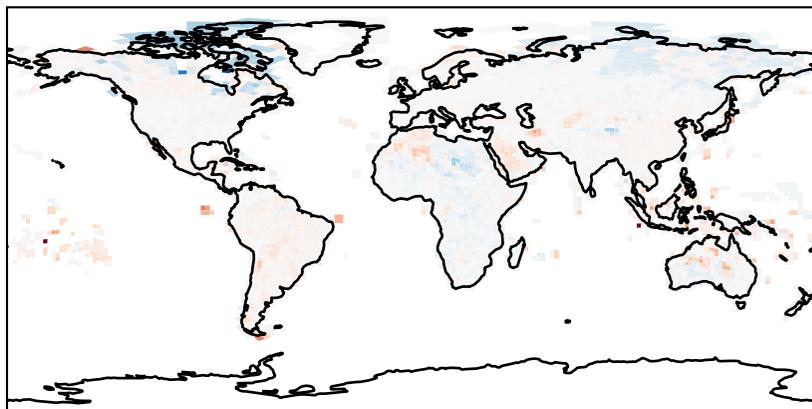
Difference  
Dev - Ref, Dynamic Range



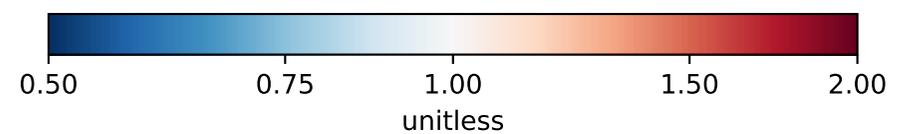
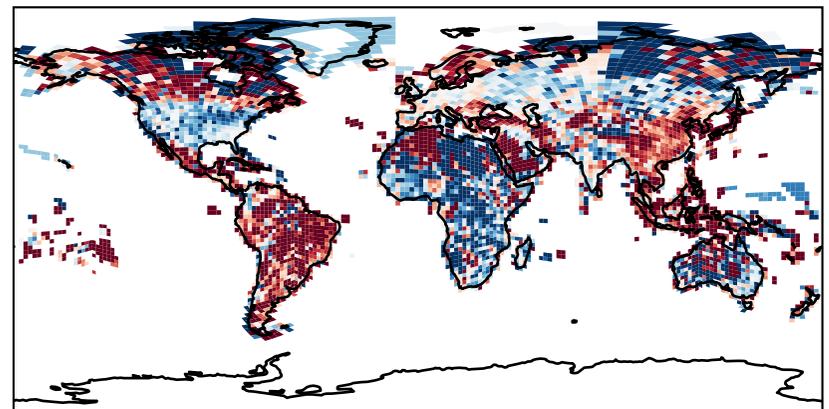
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

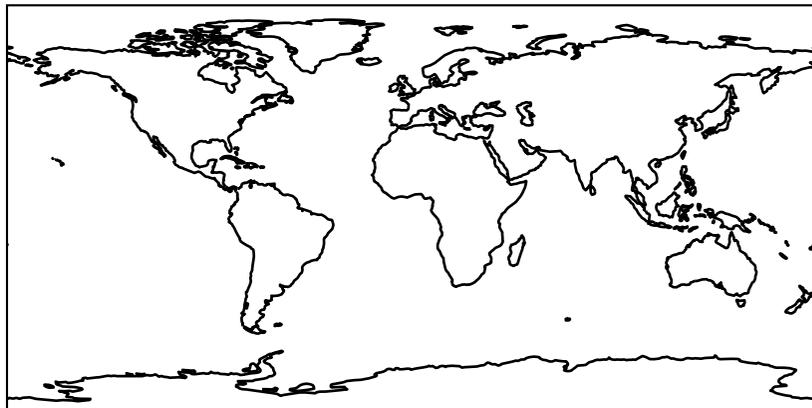


Ratio  
Dev/Ref, Fixed Range



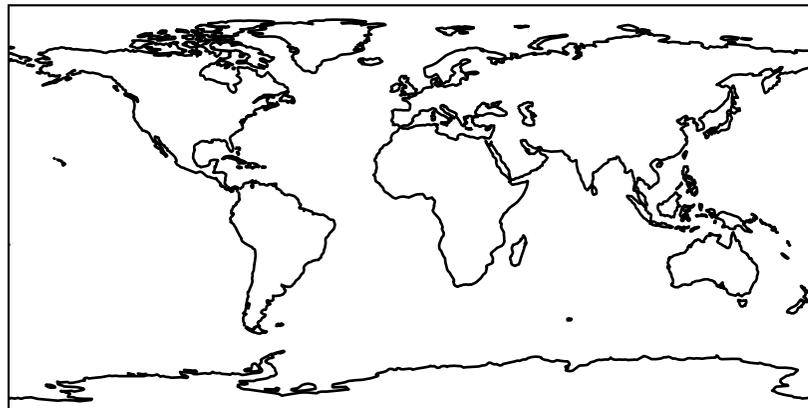
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GCHP\_13.0.0 (Ref)  
c48



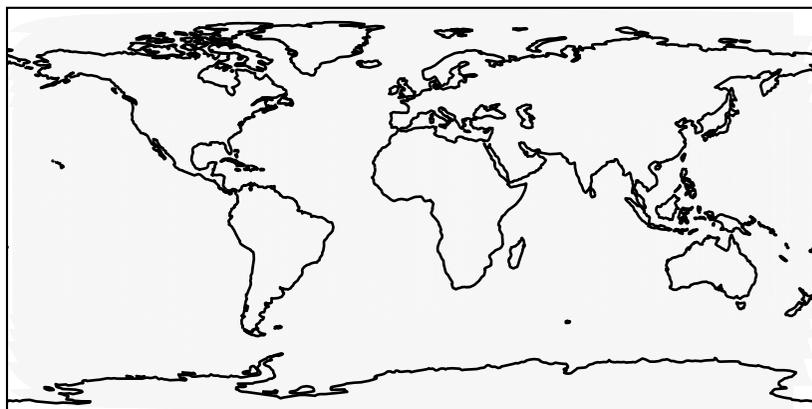
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kg/m2/s

GCHP\_13.2.0 (Dev)  
c48



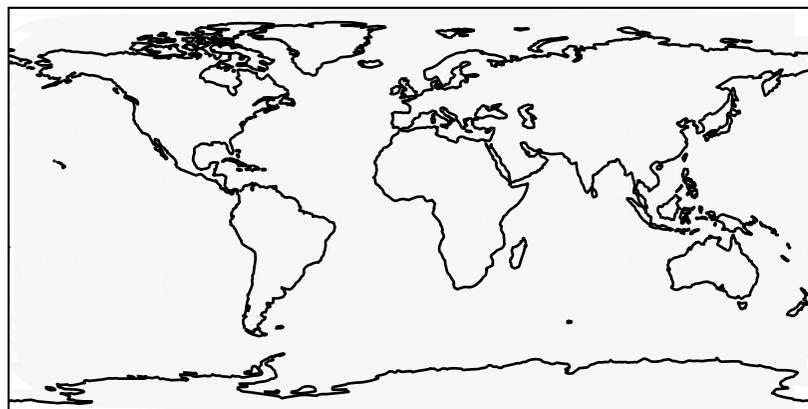
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kg/m2/s

Difference  
Dev - Ref, Dynamic Range



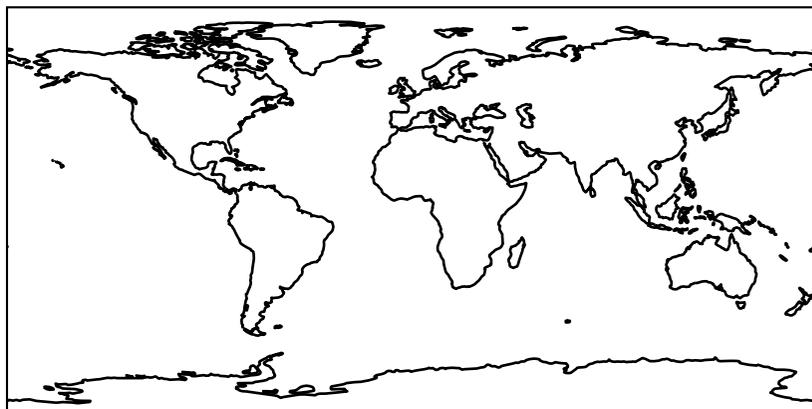
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kg/m2/s

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



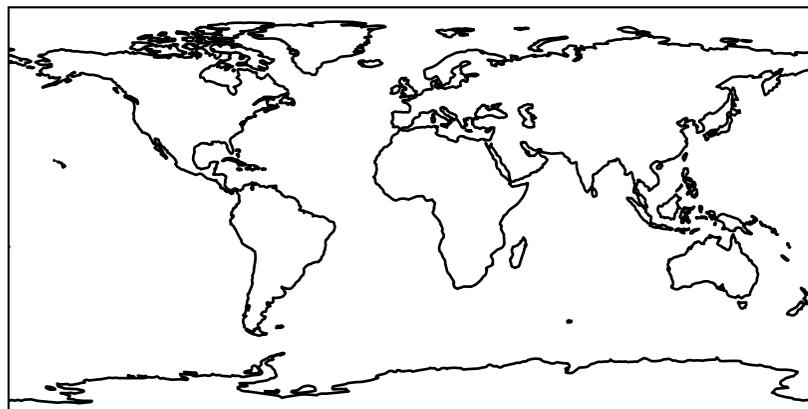
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kg/m2/s

Ratio  
Dev/Ref, Dynamic Range



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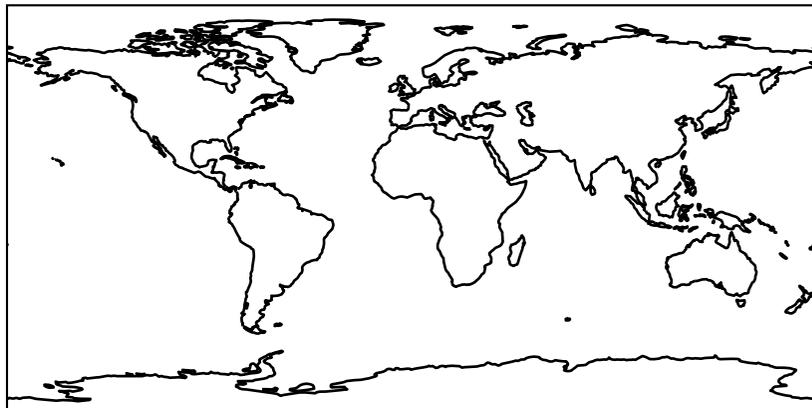
Ratio  
Dev/Ref, Fixed Range



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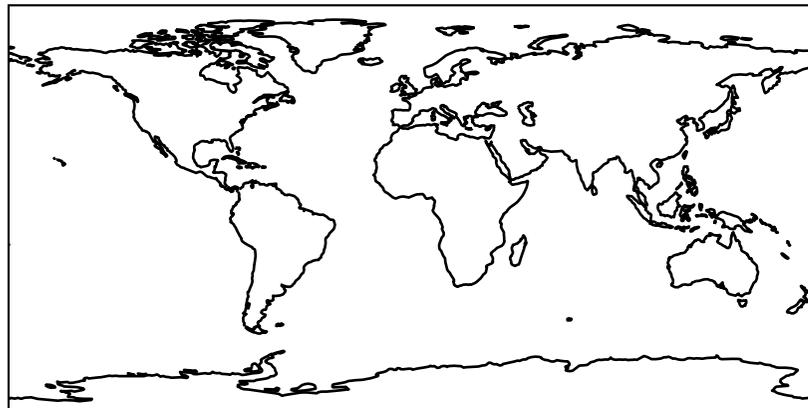
# EmisISOP\_Anthro (Oct2019)

GCHP\_13.0.0 (Ref)  
c48



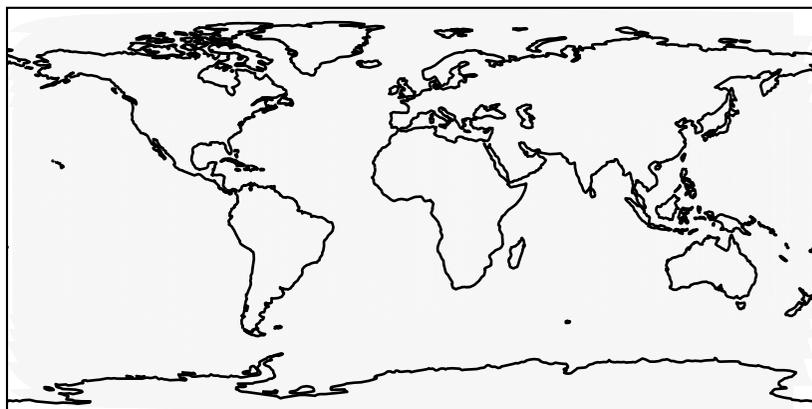
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kg/m2/s

GCHP\_13.2.0 (Dev)  
c48



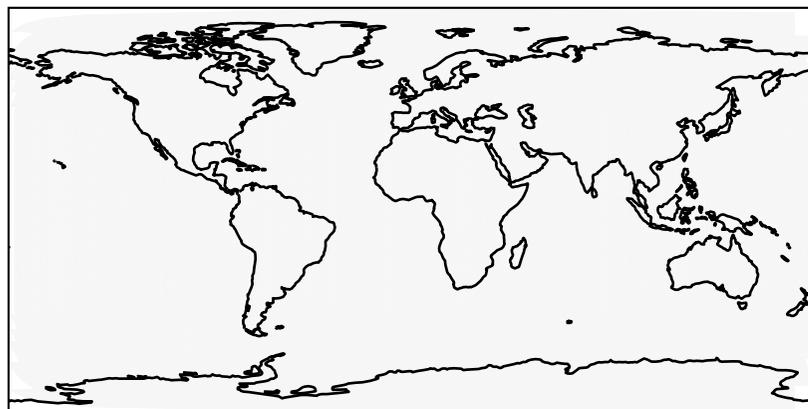
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kg/m2/s

Difference  
Dev - Ref, Dynamic Range



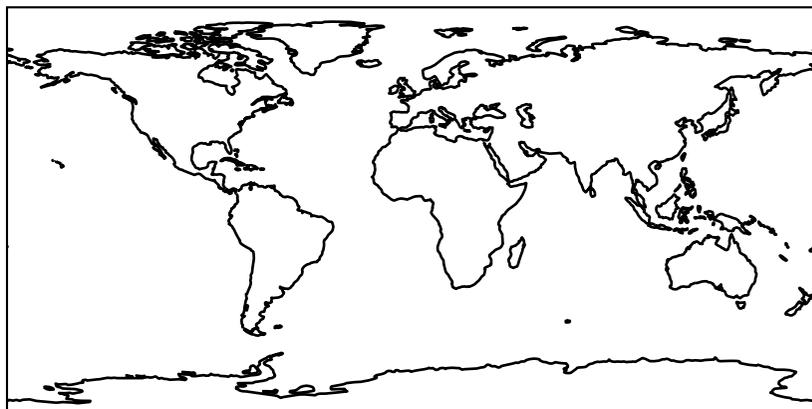
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kg/m2/s

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



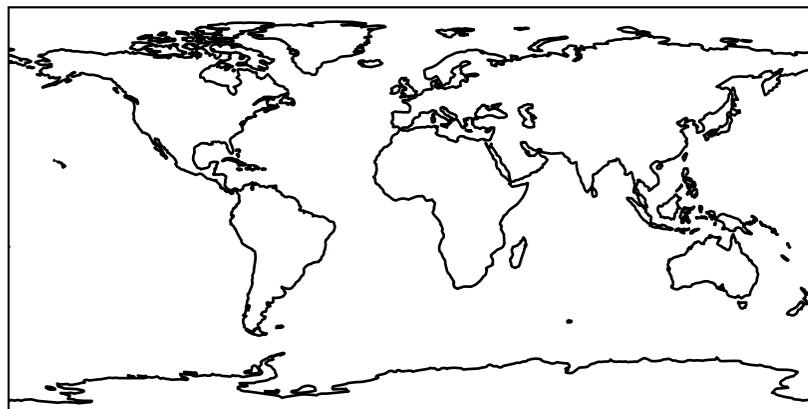
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kg/m2/s

Ratio  
Dev/Ref, Dynamic Range



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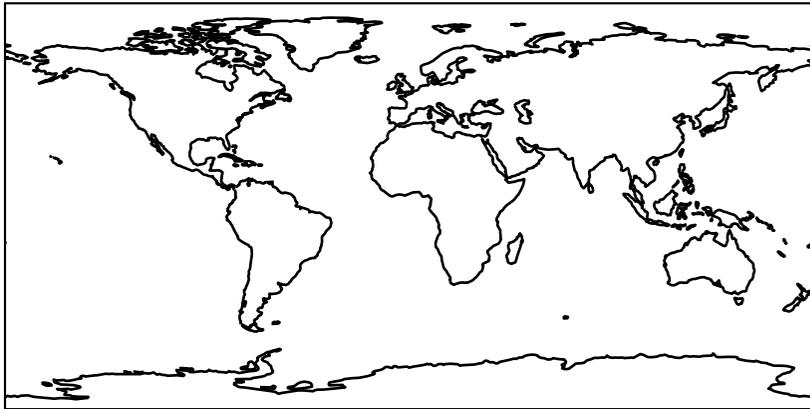
Ratio  
Dev/Ref, Fixed Range



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unitless

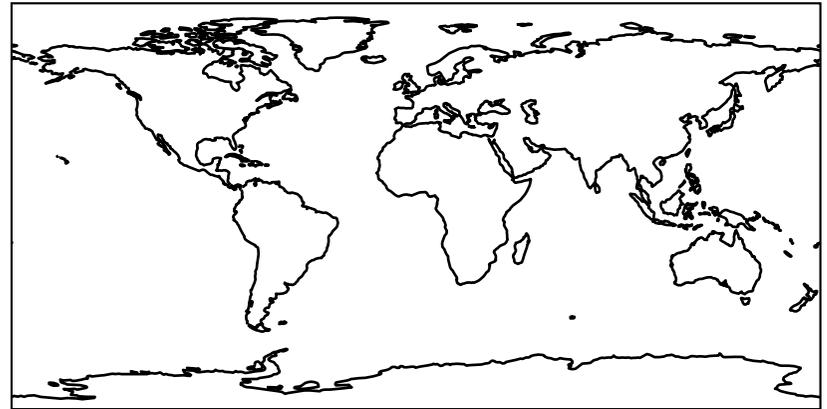
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GCHP\_13.0.0 (Ref)  
c48



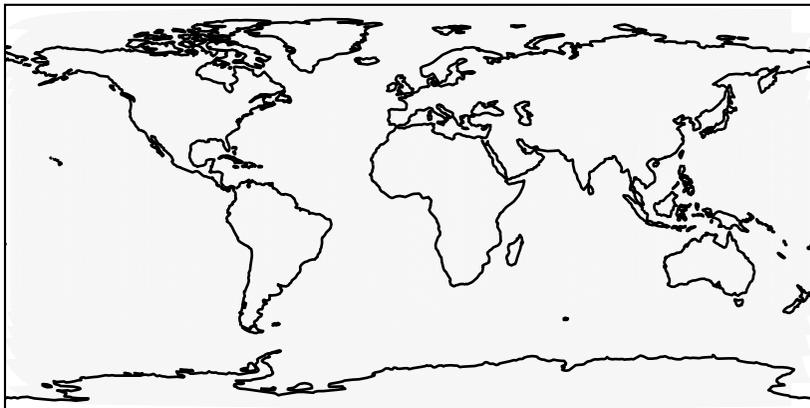
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kg/m2/s

GCHP\_13.2.0 (Dev)  
c48



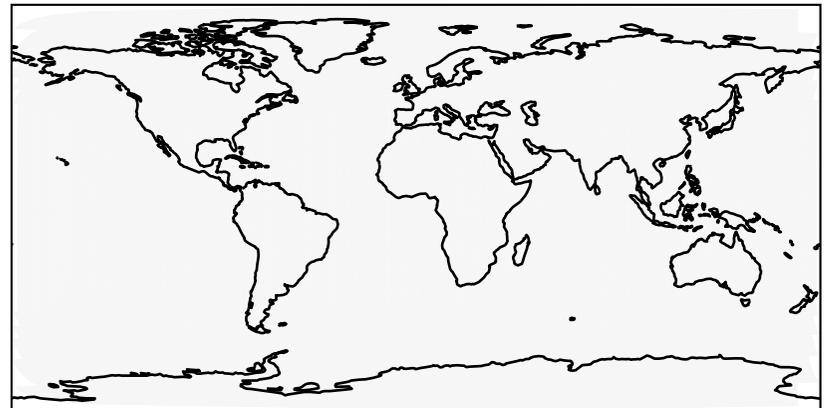
Zero throughout domain  
kg/m2/s

Difference  
Dev - Ref, Dynamic Range



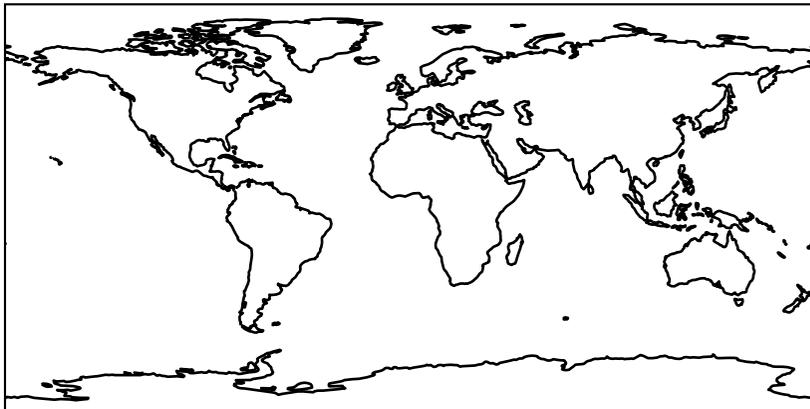
Zero throughout domain  
kg/m2/s

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



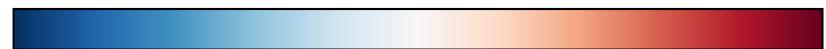
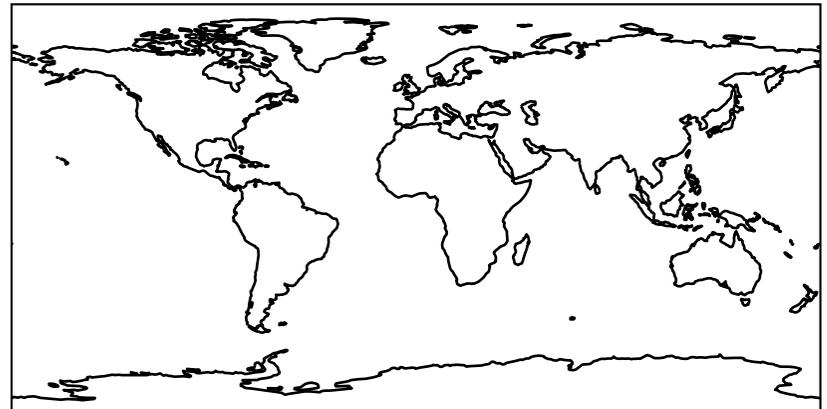
Zero throughout domain  
kg/m2/s

Ratio  
Dev/Ref, Dynamic Range



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unitless

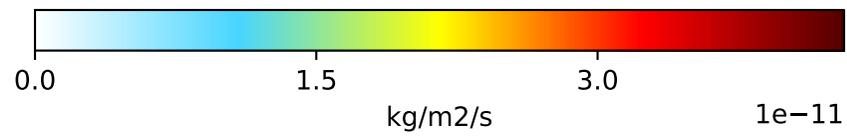
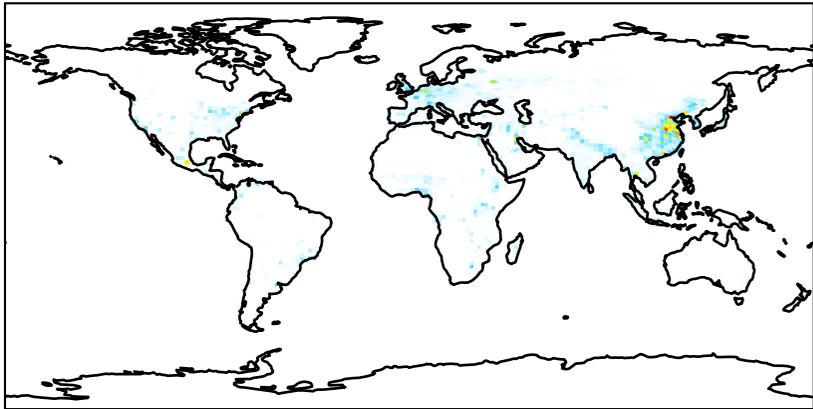
Ratio  
Dev/Ref, Fixed Range



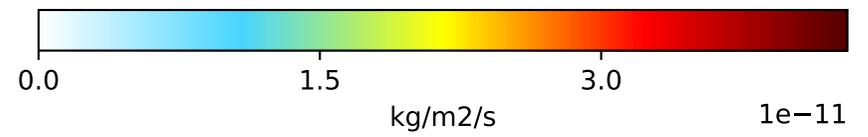
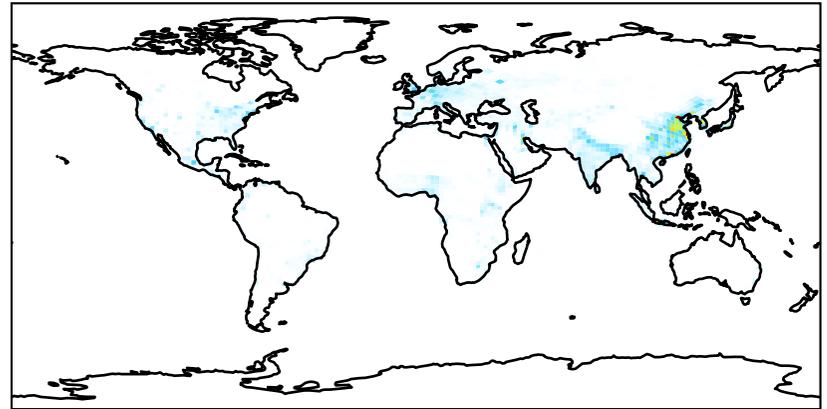
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# EmisMEK\_Anthro (Oct2019)

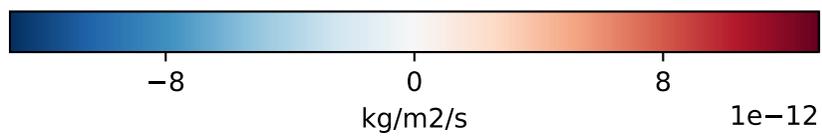
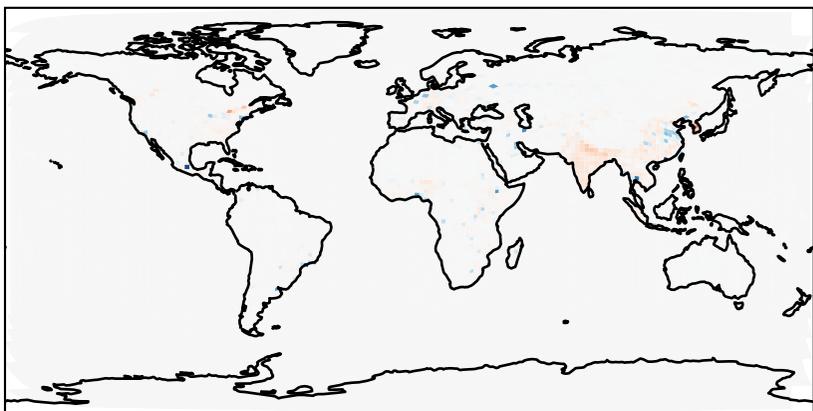
GCHP\_13.0.0 (Ref)  
c48



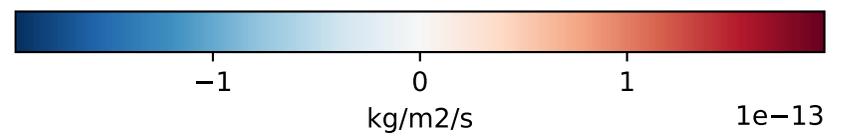
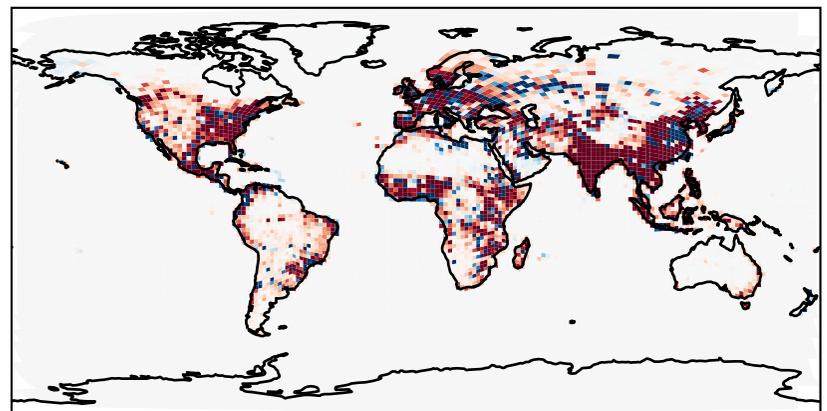
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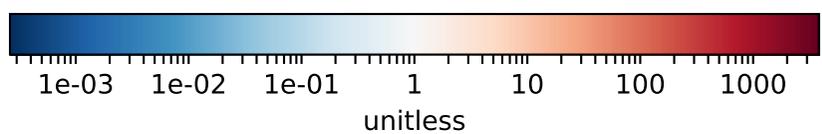
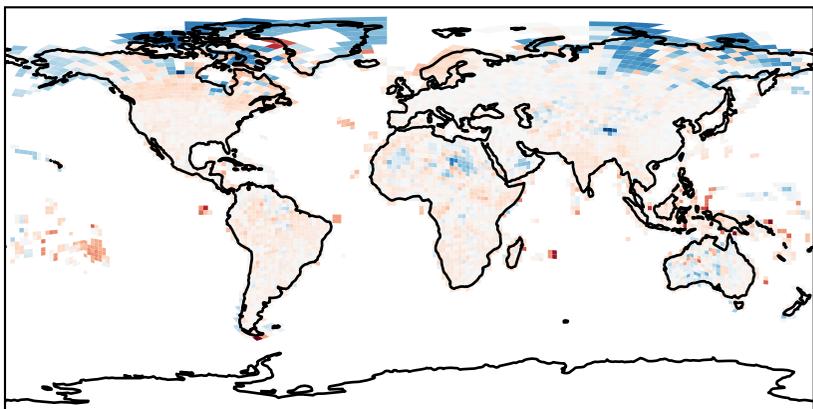
Difference  
Dev - Ref, Dynamic Range



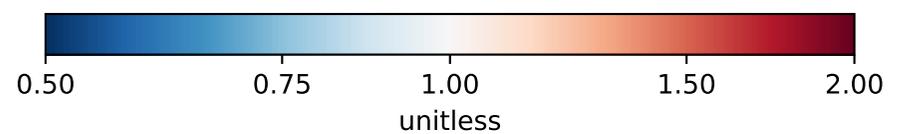
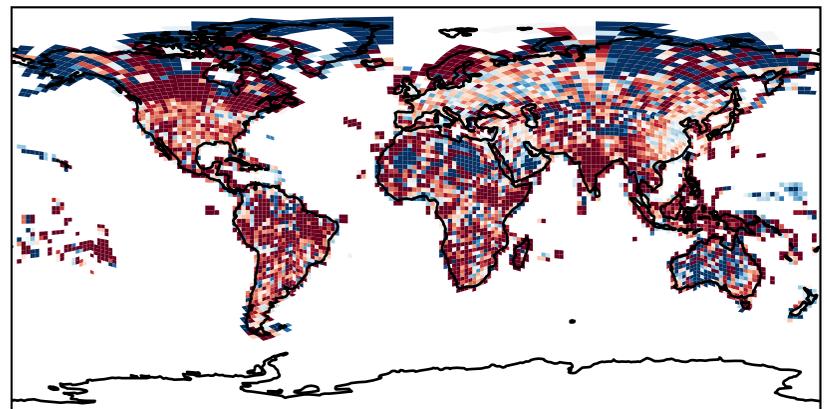
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

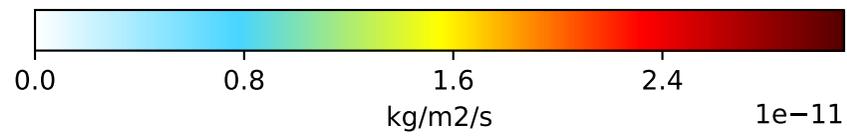
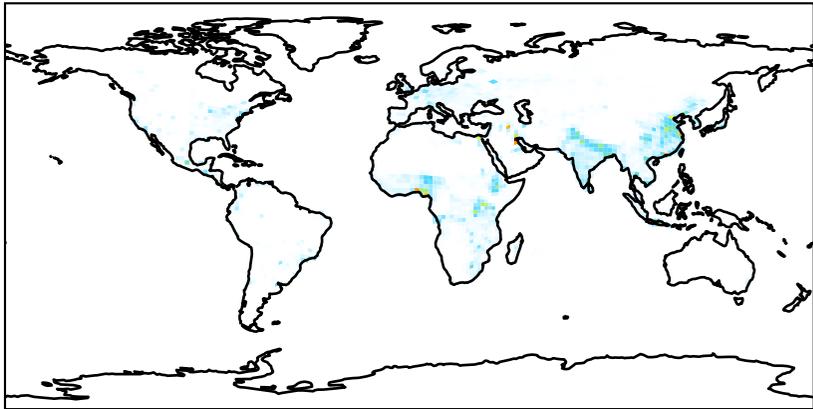


Ratio  
Dev/Ref, Fixed Range

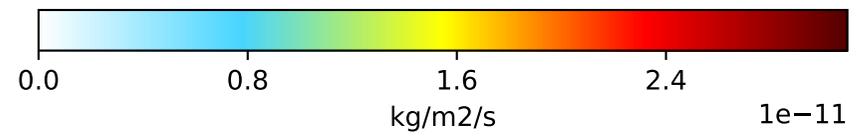
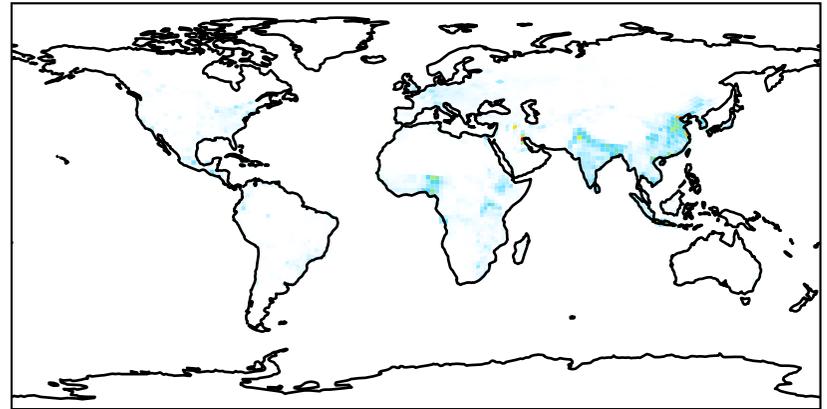


# EmisMOH\_Anthro (Oct2019)

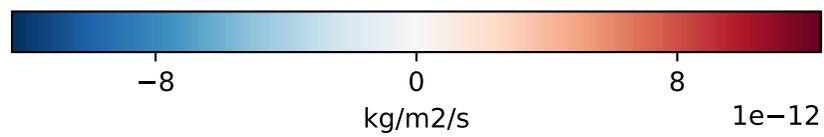
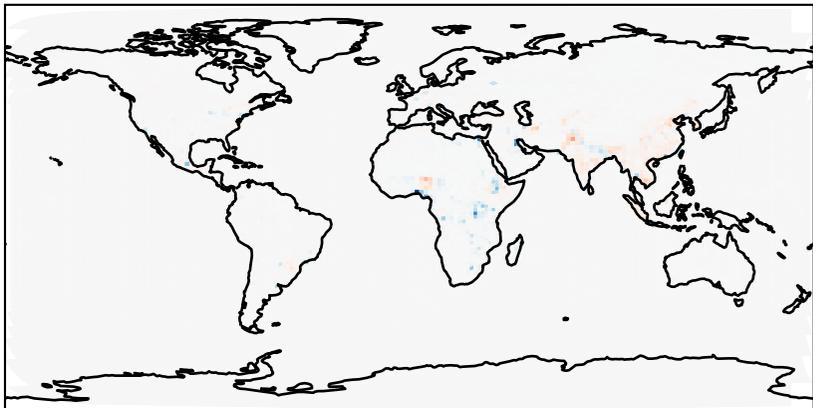
GCHP\_13.0.0 (Ref)  
c48



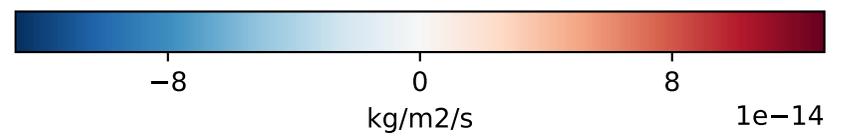
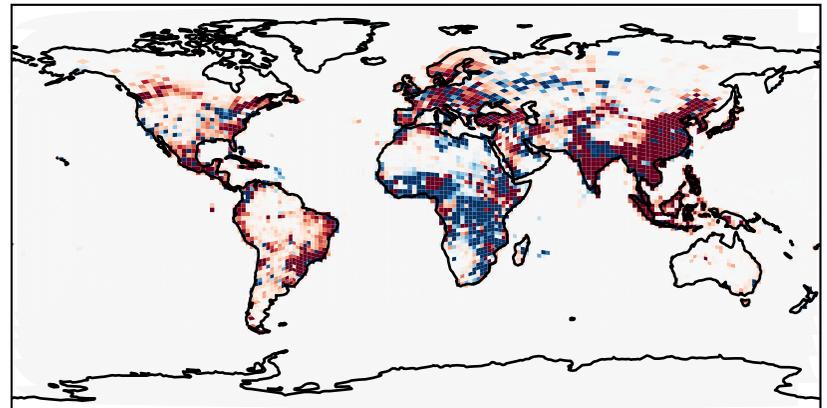
GCHP\_13.2.0 (Dev)  
c48



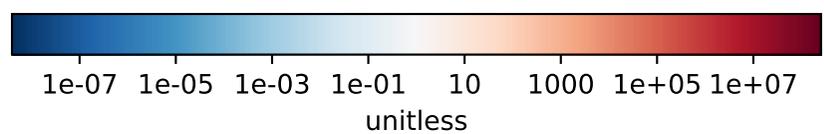
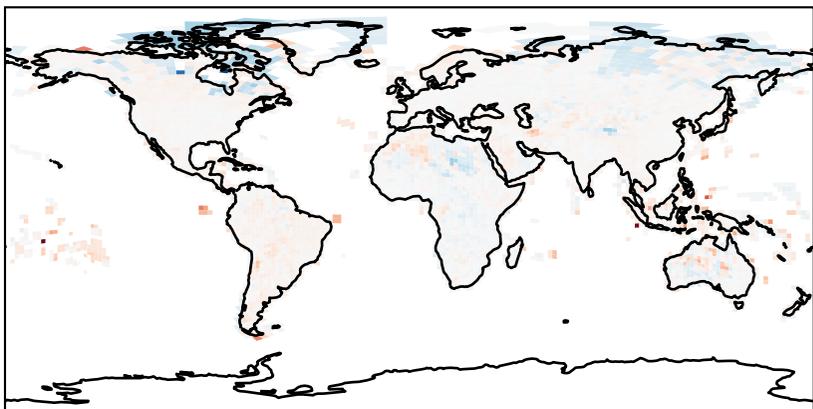
Difference  
Dev - Ref, Dynamic Range



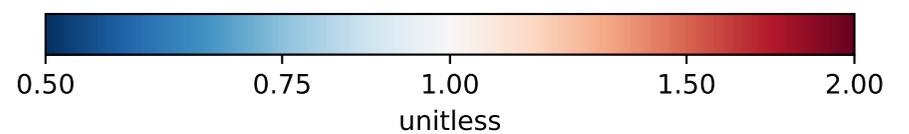
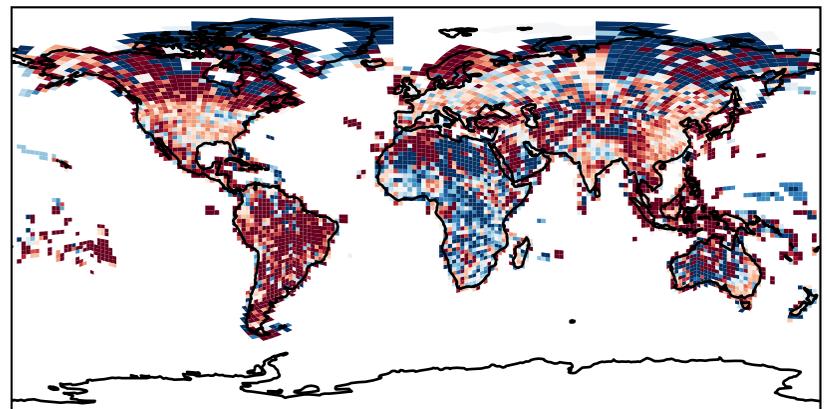
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

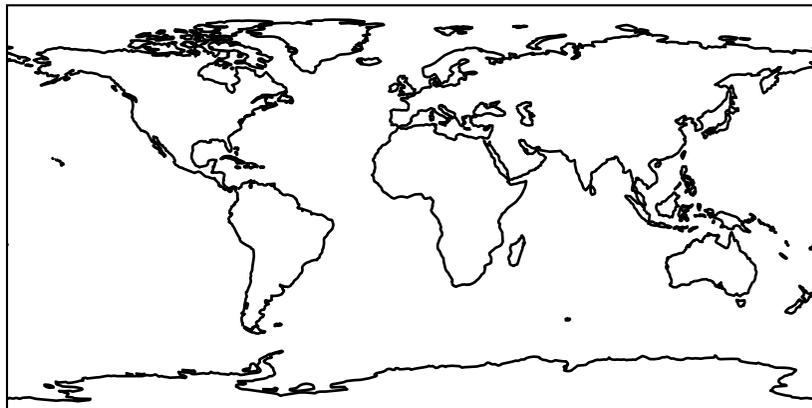


Ratio  
Dev/Ref, Fixed Range



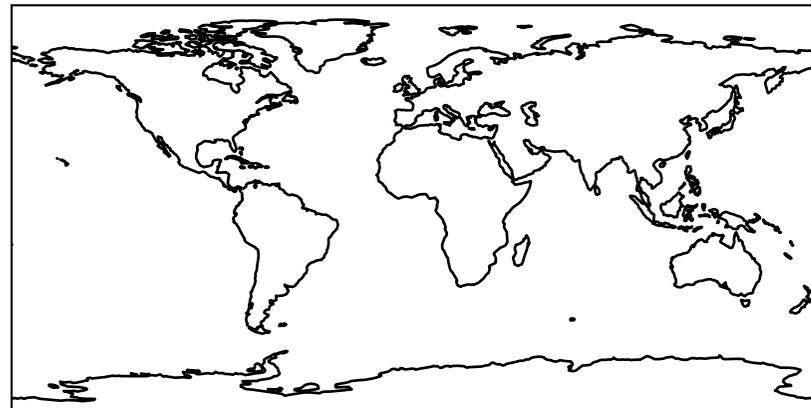
# EmisMVK\_Anthro (Oct2019)

GCHP\_13.0.0 (Ref)  
c48



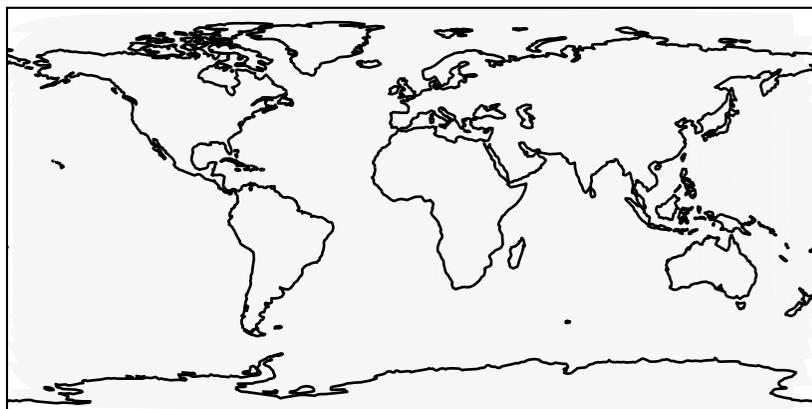
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kg/m2/s

GCHP\_13.2.0 (Dev)  
c48



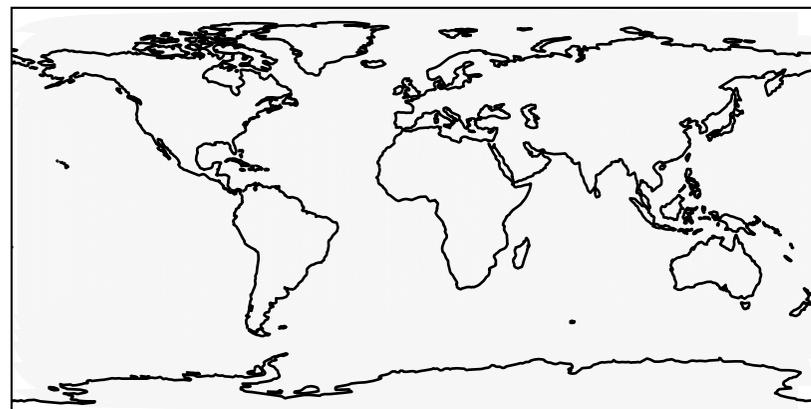
Zero throughout domain  
kg/m2/s

Difference  
Dev - Ref, Dynamic Range



Zero throughout domain  
kg/m2/s

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



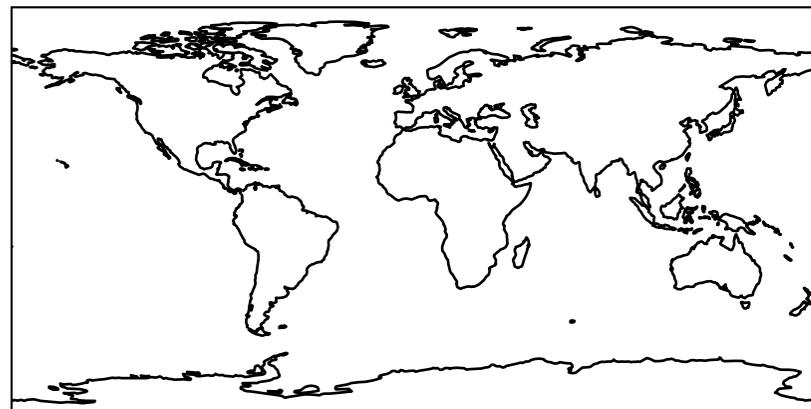
Zero throughout domain  
kg/m2/s

Ratio  
Dev/Ref, Dynamic Range



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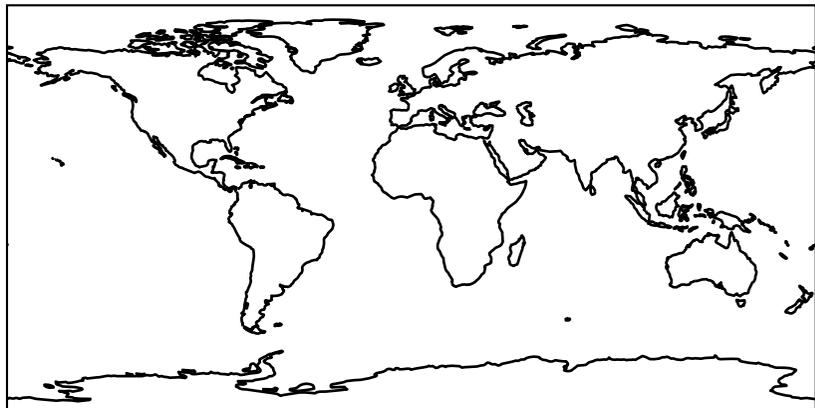
Ratio  
Dev/Ref, Fixed Range



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unitless

# EmisNAP\_Anthro (Oct2019)

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c48



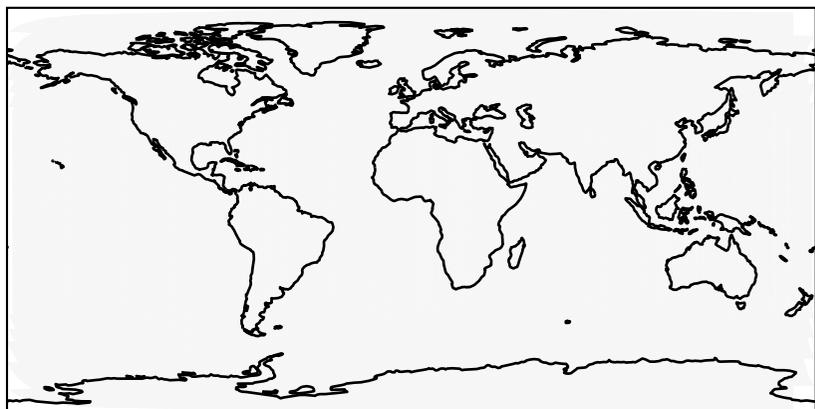
Zero throughout domain  
kg/m2/s

GCHP\_13.2.0 (Dev)  
c48



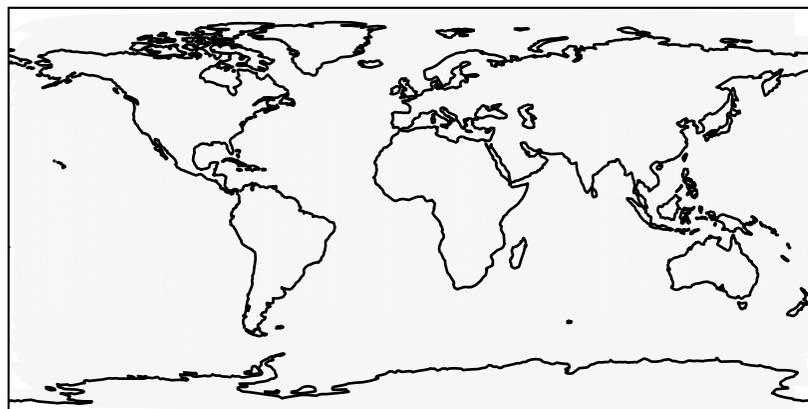
Zero throughout domain  
kg/m2/s

Difference  
Dev - Ref, Dynamic Range



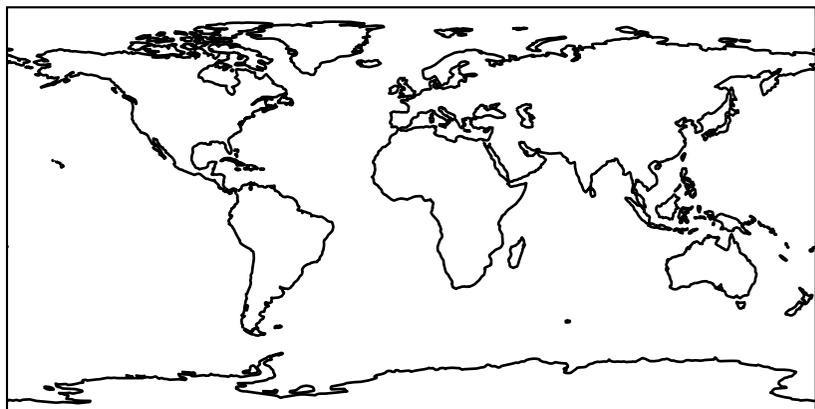
Zero throughout domain  
kg/m2/s

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



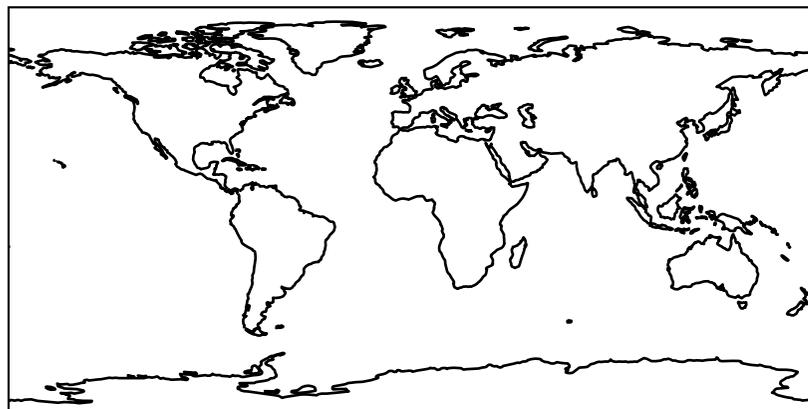
Zero throughout domain  
kg/m2/s

Ratio  
Dev/Ref, Dynamic Range



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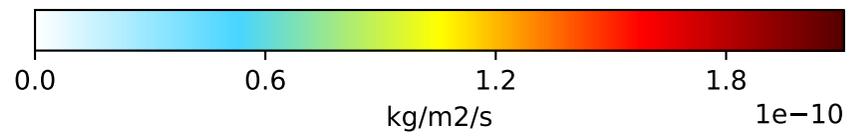
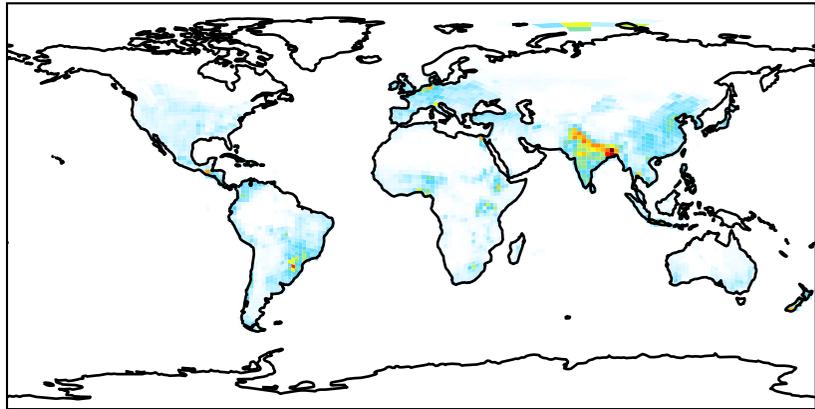
Ratio  
Dev/Ref, Fixed Range



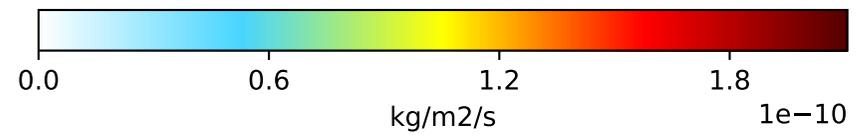
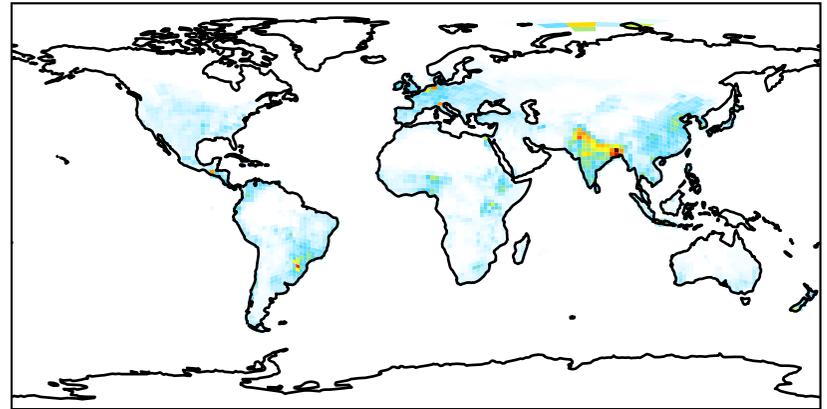
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# EmisNH3\_Anthro (Oct2019)

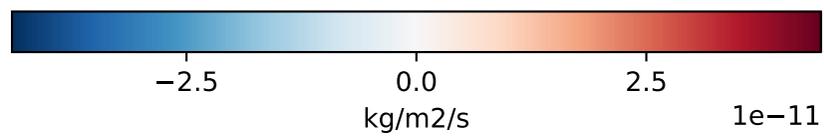
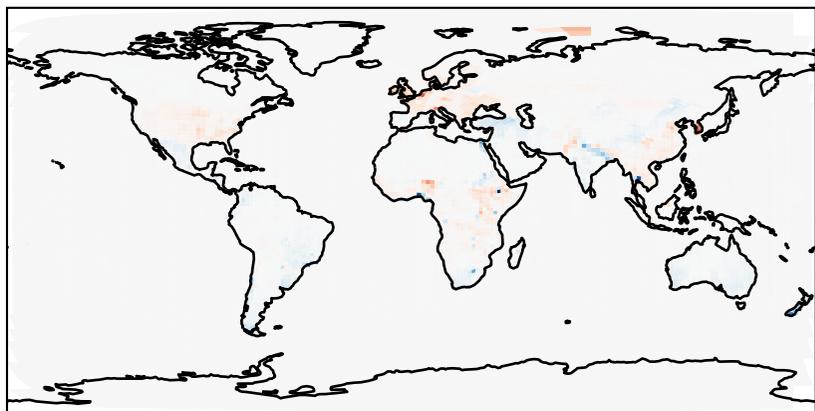
GCHP\_13.0.0 (Ref)  
c48



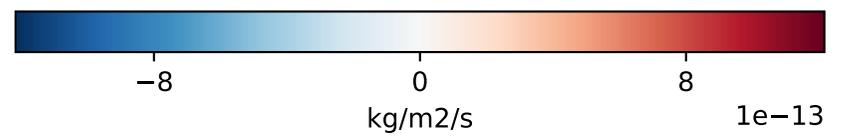
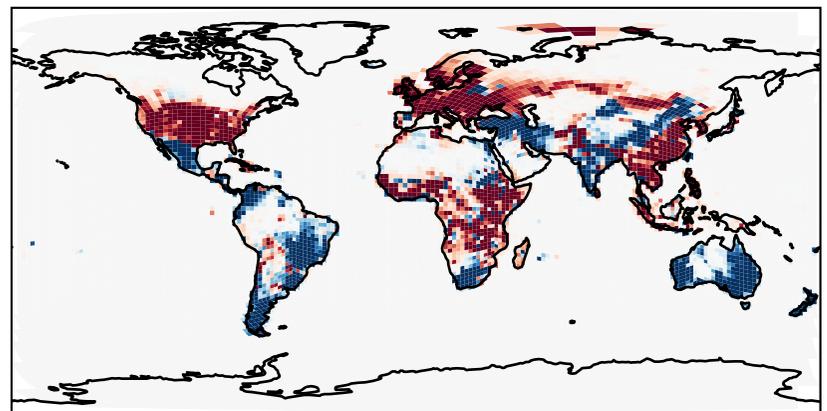
GCHP\_13.2.0 (Dev)  
c48



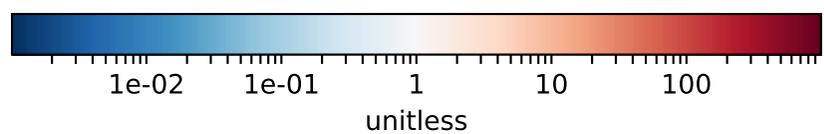
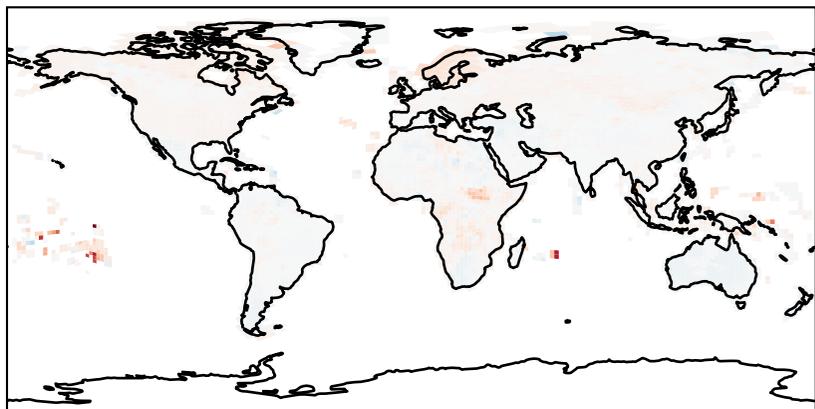
Difference  
Dev - Ref, Dynamic Range



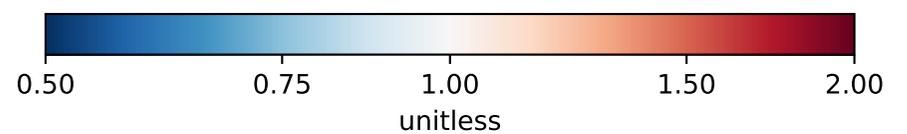
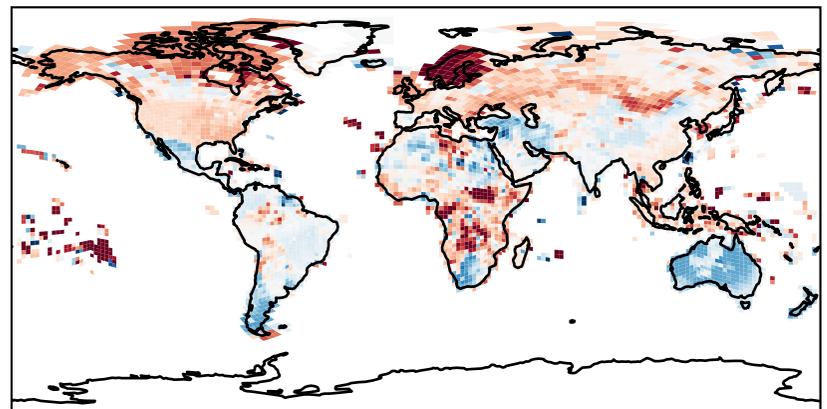
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

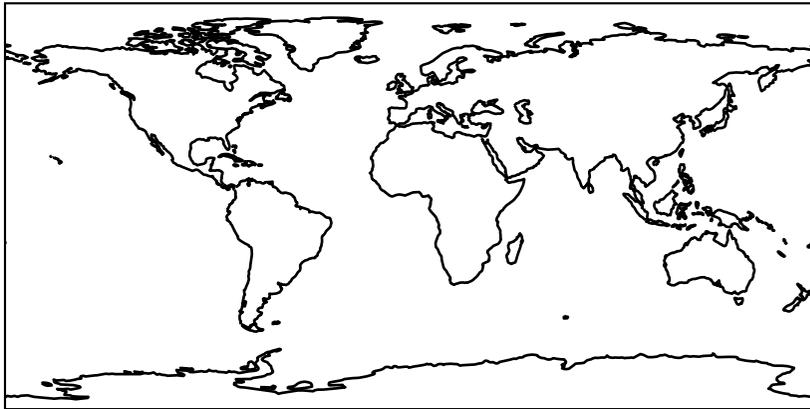


Ratio  
Dev/Ref, Fixed Range



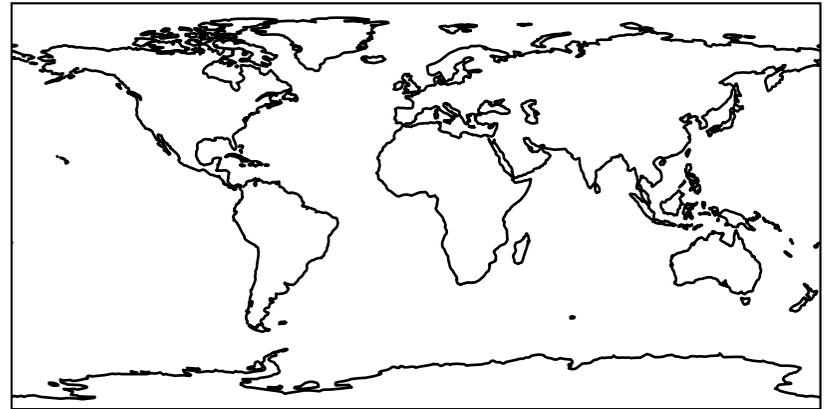
# EmisNO2\_Anthro (Oct2019)

GCHP\_13.0.0 (Ref)  
c48



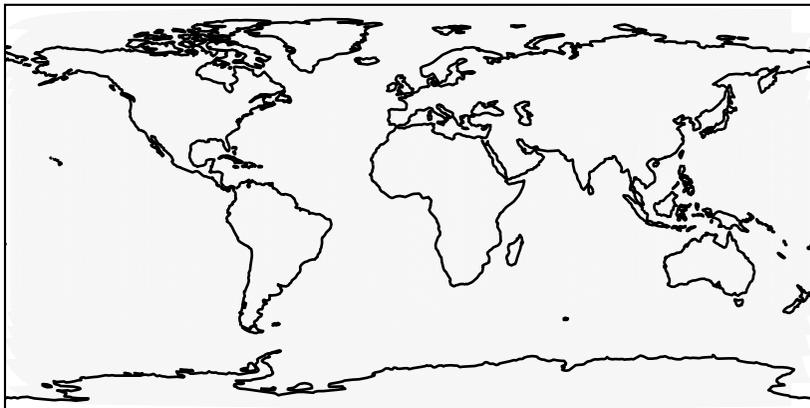
Zero throughout domain  
kg/m2/s

GCHP\_13.2.0 (Dev)  
c48



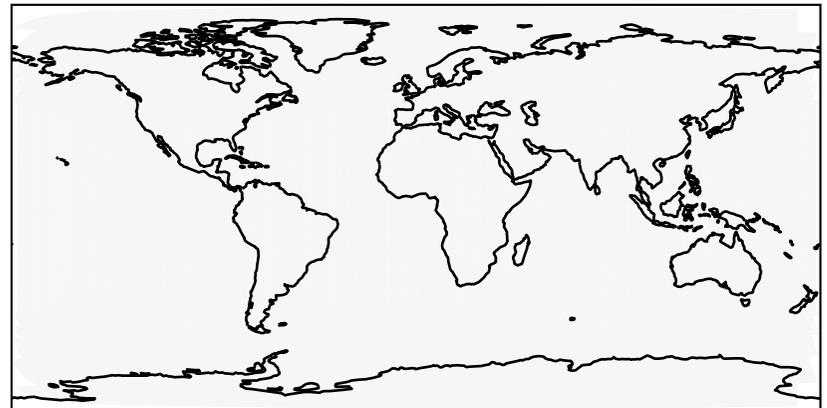
Zero throughout domain  
kg/m2/s

Difference  
Dev - Ref, Dynamic Range



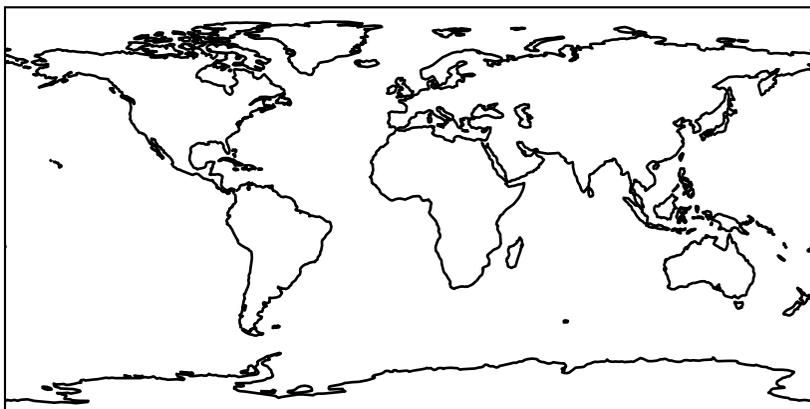
Zero throughout domain  
kg/m2/s

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



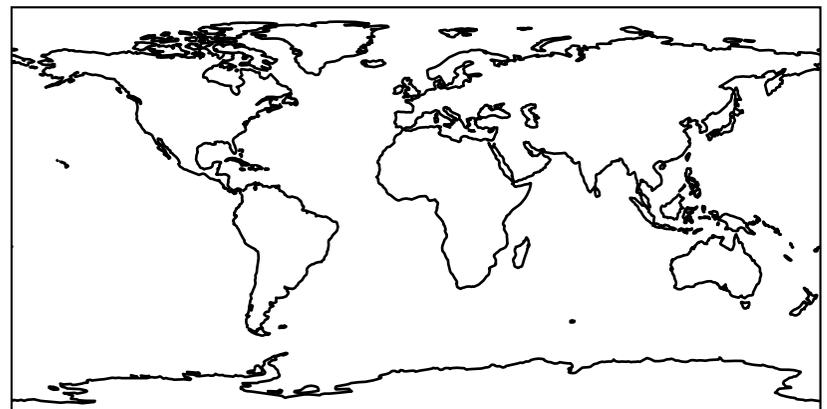
Zero throughout domain  
kg/m2/s

Ratio  
Dev/Ref, Dynamic Range



Undefined throughout domain  
unitless

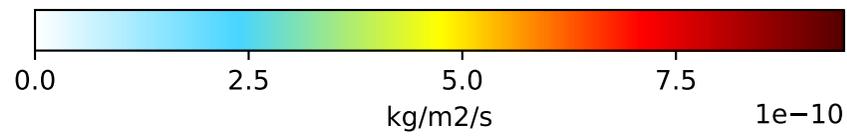
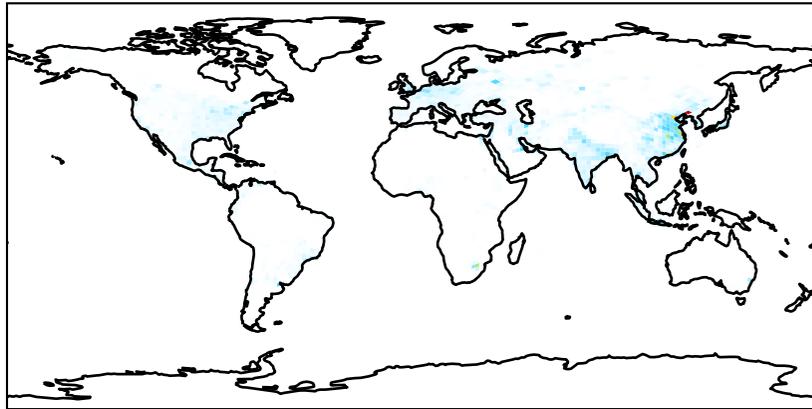
Ratio  
Dev/Ref, Fixed Range



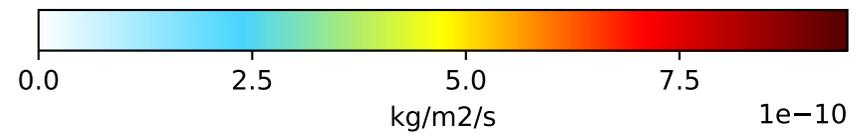
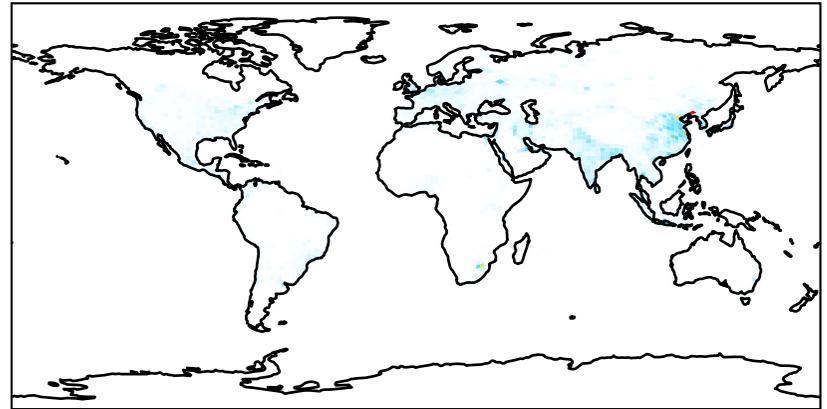
Undefined throughout domain  
unitless

# EmisNO\_Anthro (Oct2019)

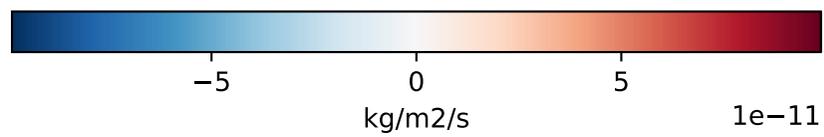
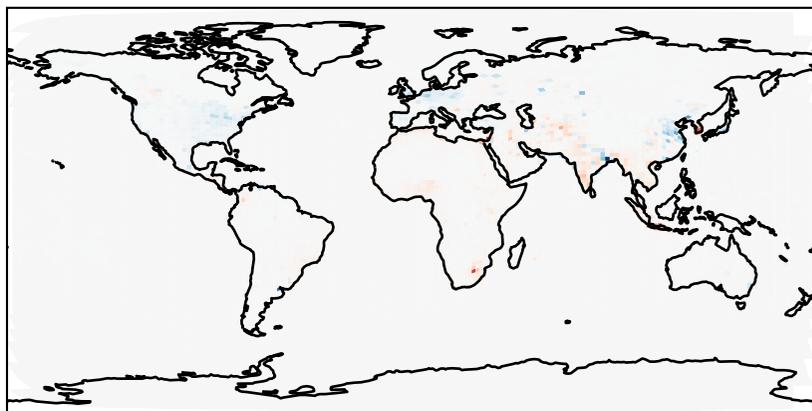
GCHP\_13.0.0 (Ref)  
c48



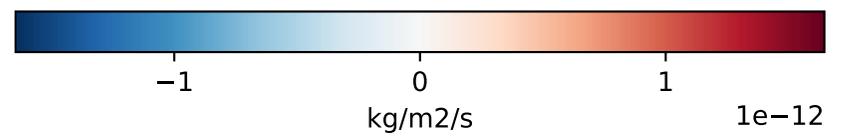
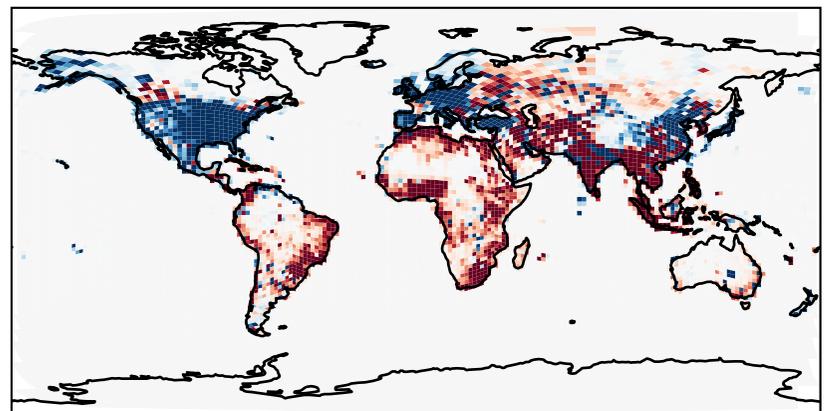
GCHP\_13.2.0 (Dev)  
c48



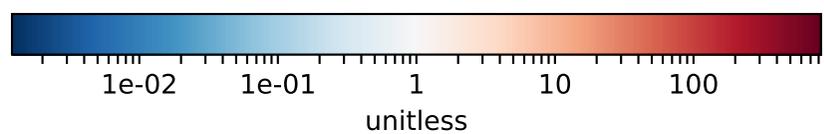
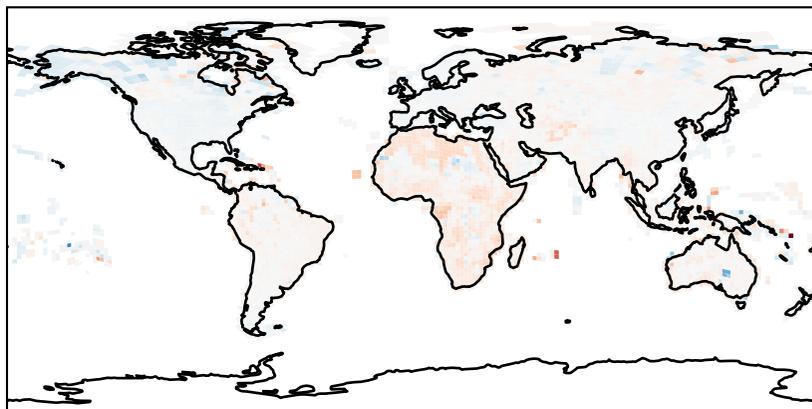
Difference  
Dev - Ref, Dynamic Range



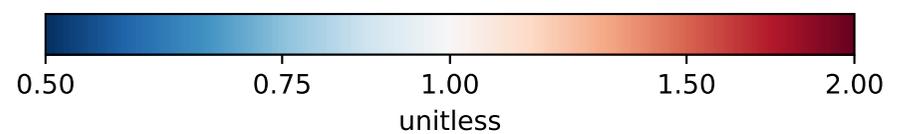
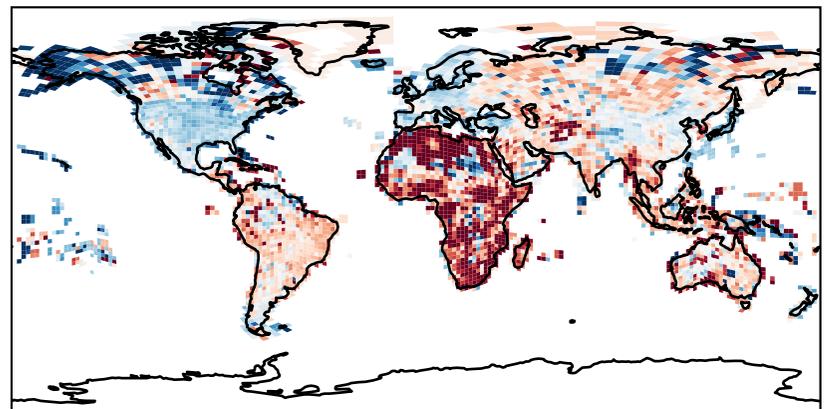
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

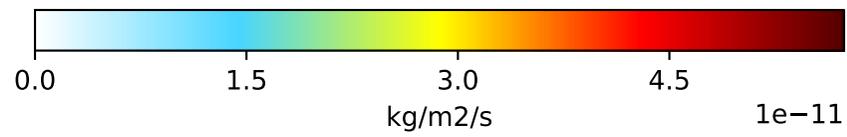
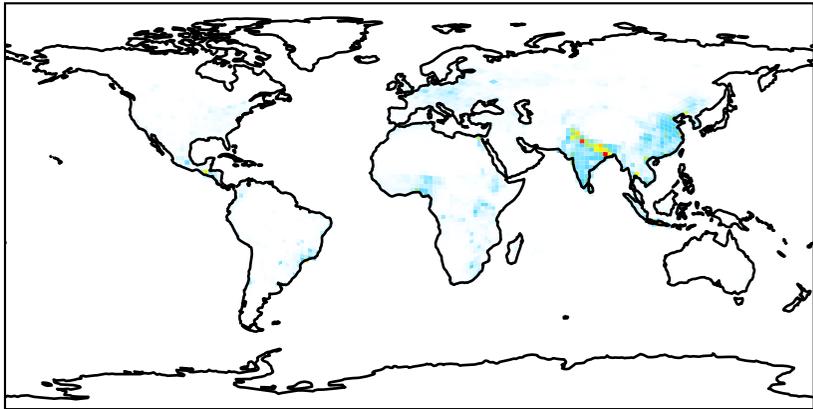


Ratio  
Dev/Ref, Fixed Range

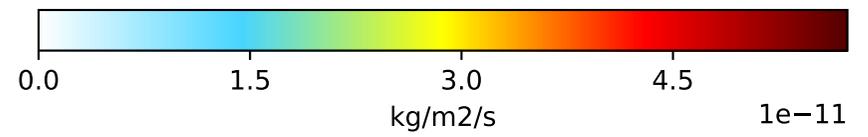
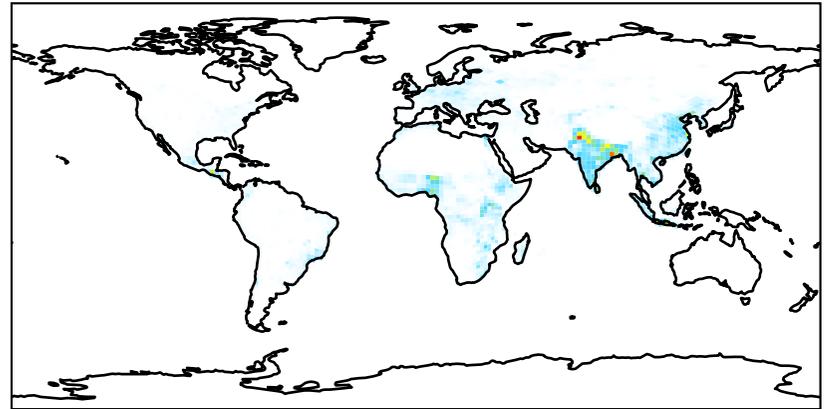


# EmisOCPI\_Anthro (Oct2019)

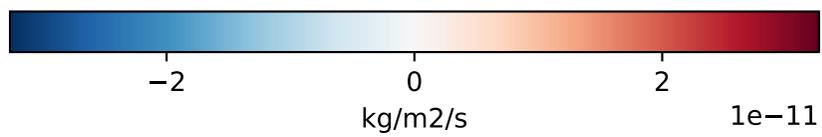
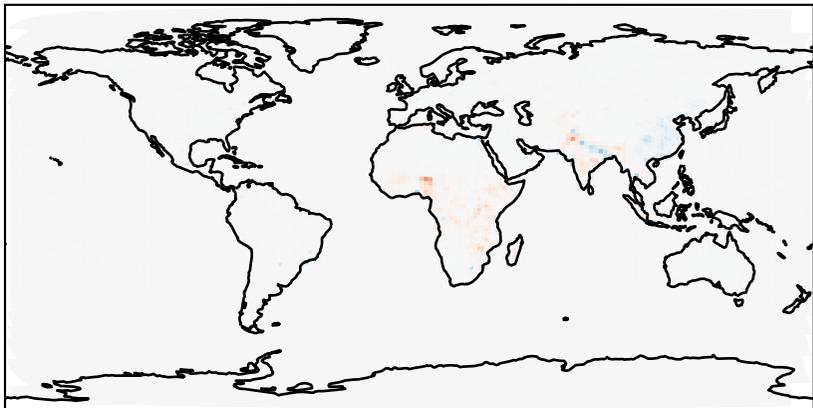
GCHP\_13.0.0 (Ref)  
c48



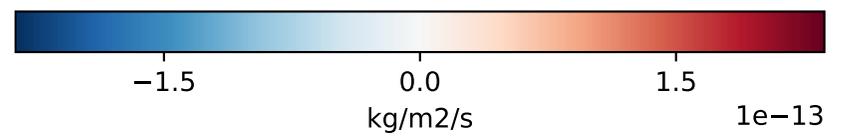
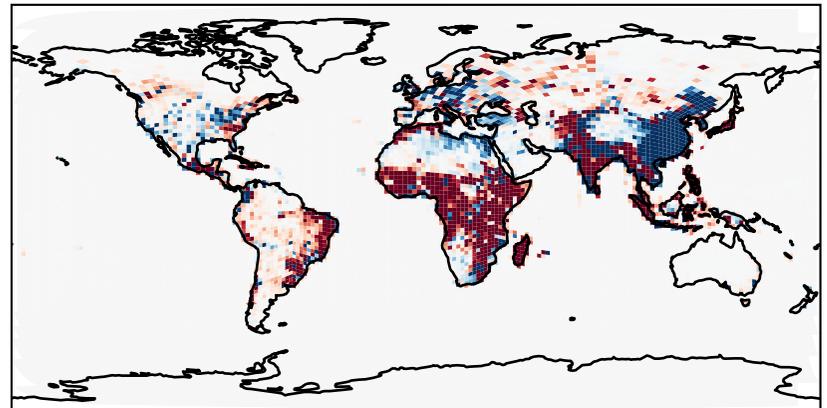
GCHP\_13.2.0 (Dev)  
c48



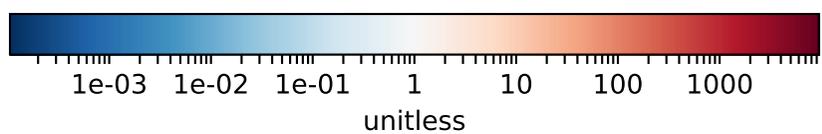
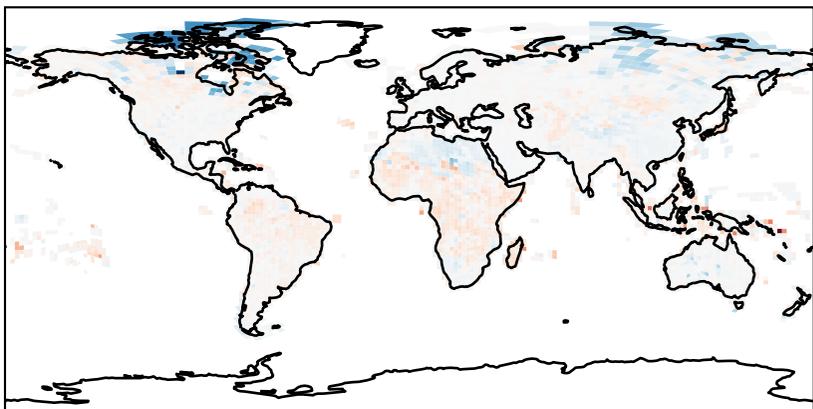
Difference  
Dev - Ref, Dynamic Range



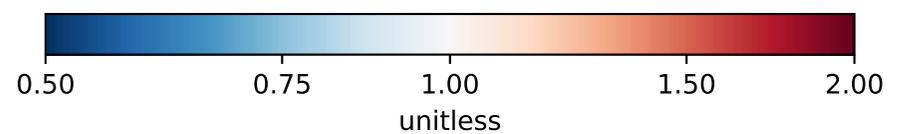
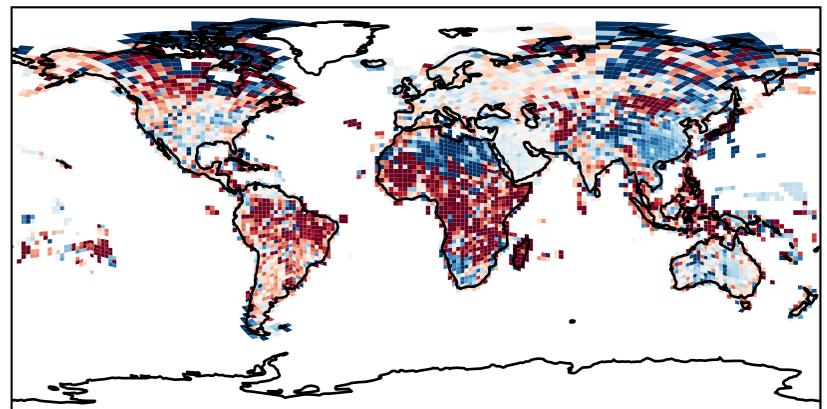
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

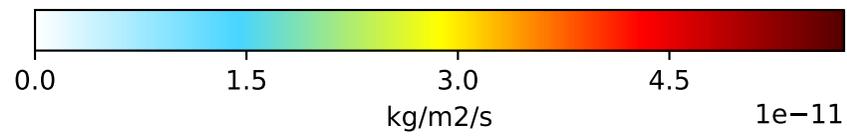
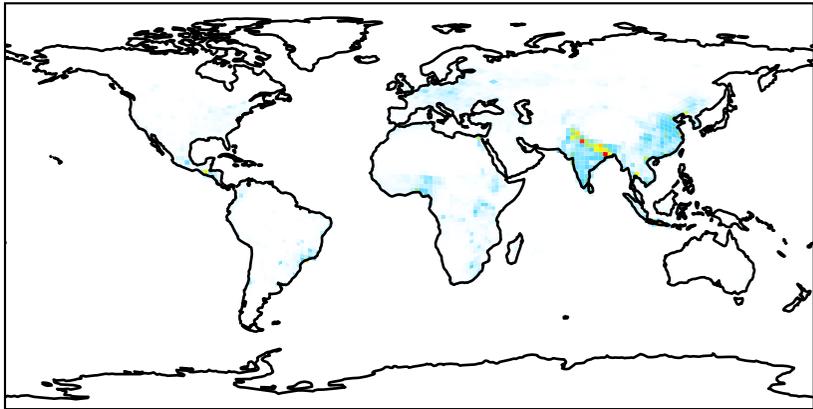


Ratio  
Dev/Ref, Fixed Range

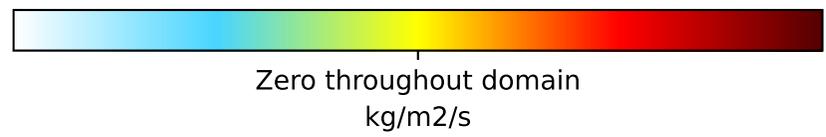
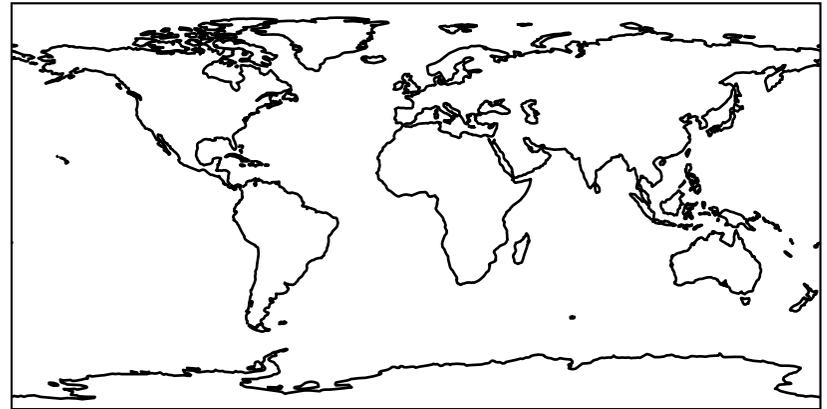


# EmisOCPO\_Anthro (Oct2019)

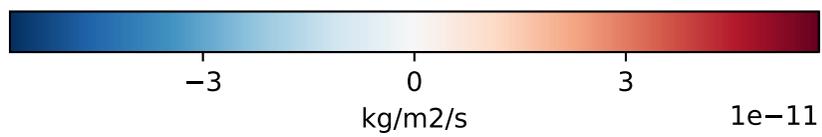
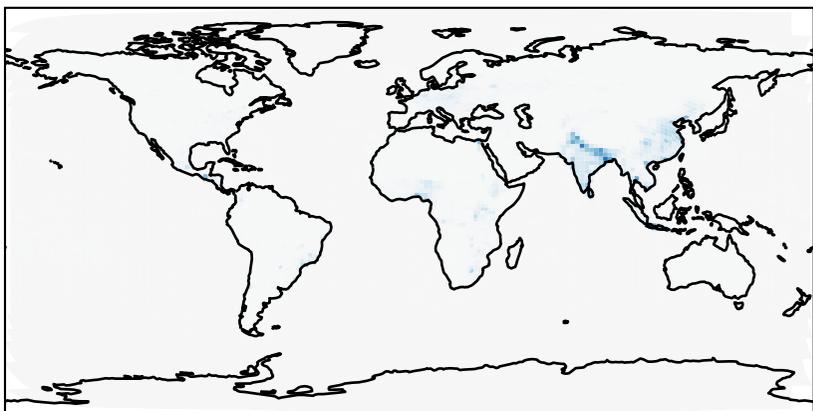
GCHP\_13.0.0 (Ref)  
c48



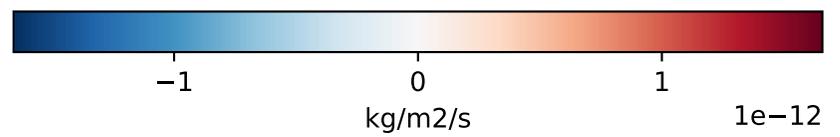
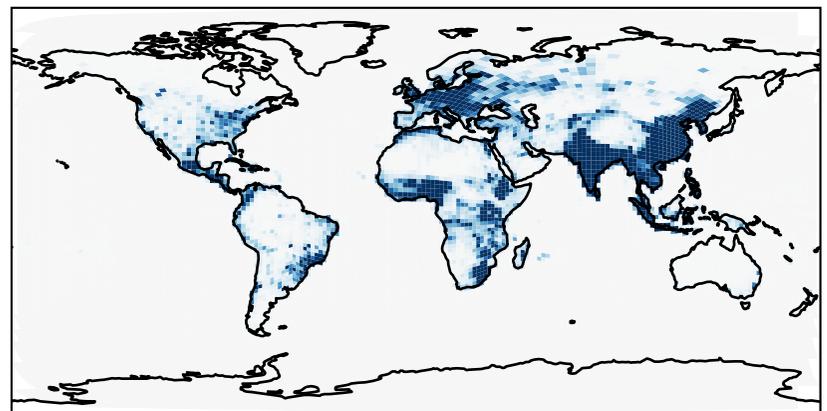
GCHP\_13.2.0 (Dev)  
c48



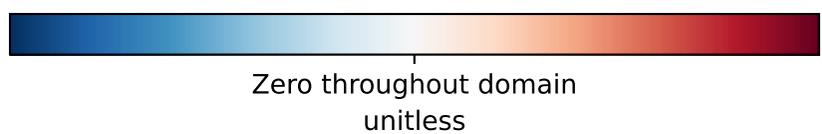
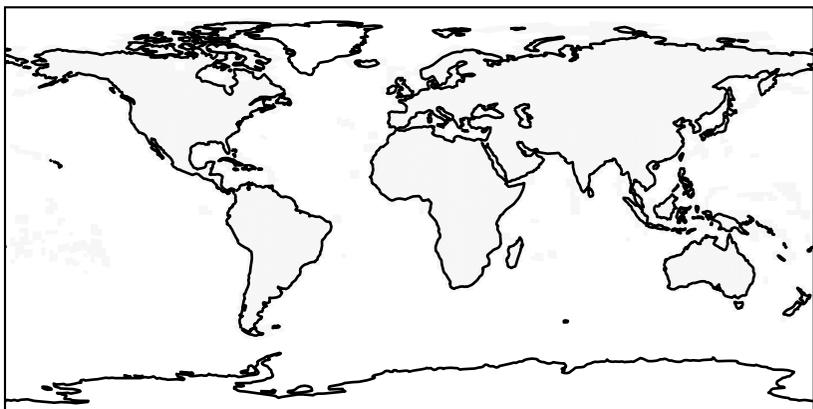
Difference  
Dev - Ref, Dynamic Range



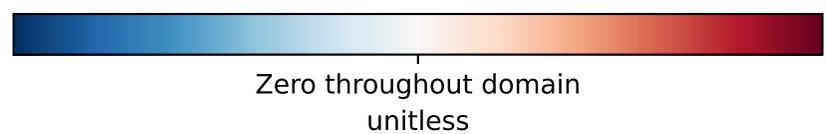
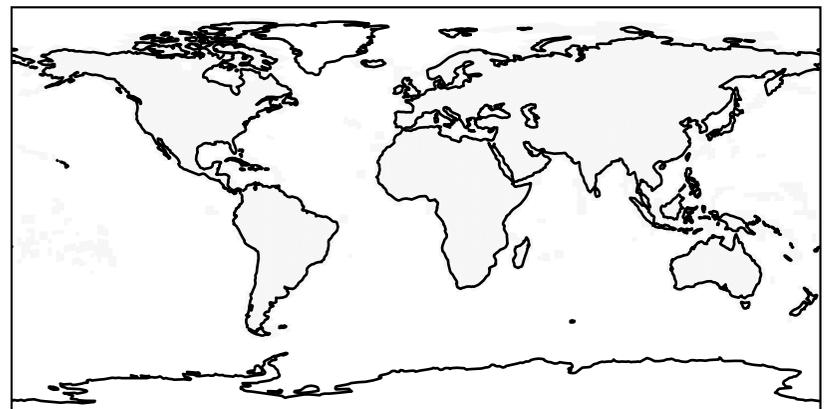
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

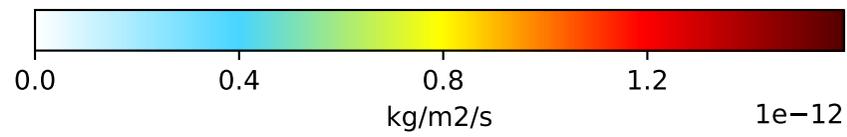
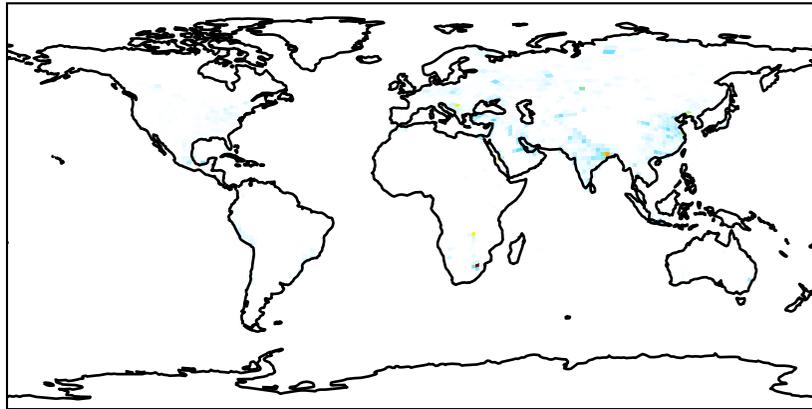


Ratio  
Dev/Ref, Fixed Range

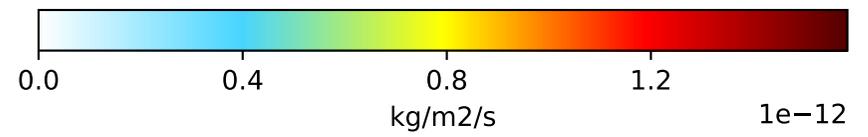
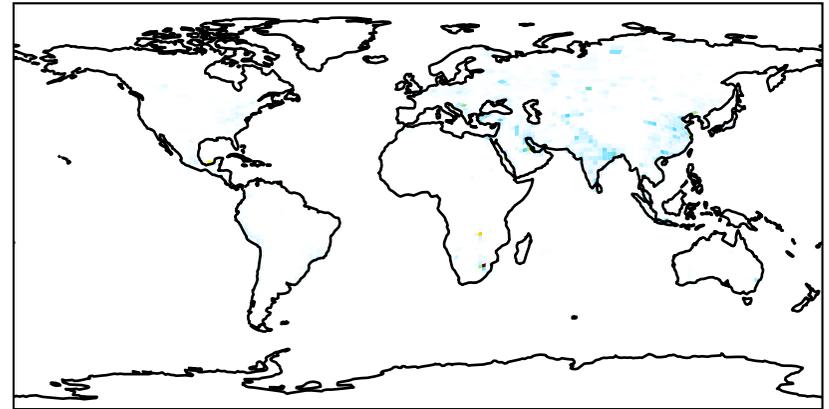


# EmispFe\_Anthro (Oct2019)

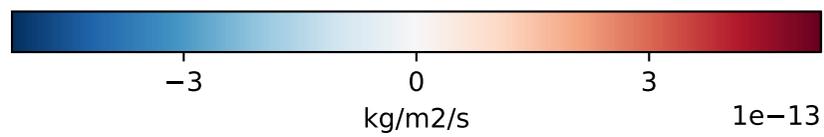
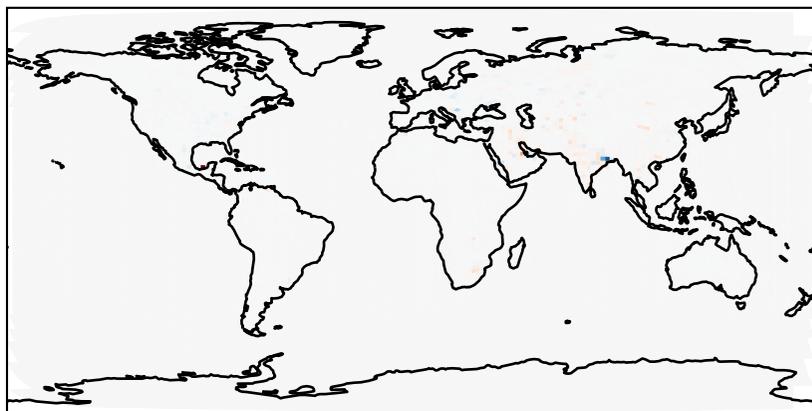
GCHP\_13.0.0 (Ref)  
c48



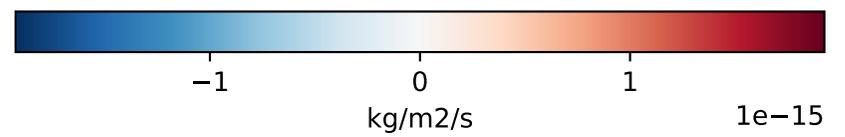
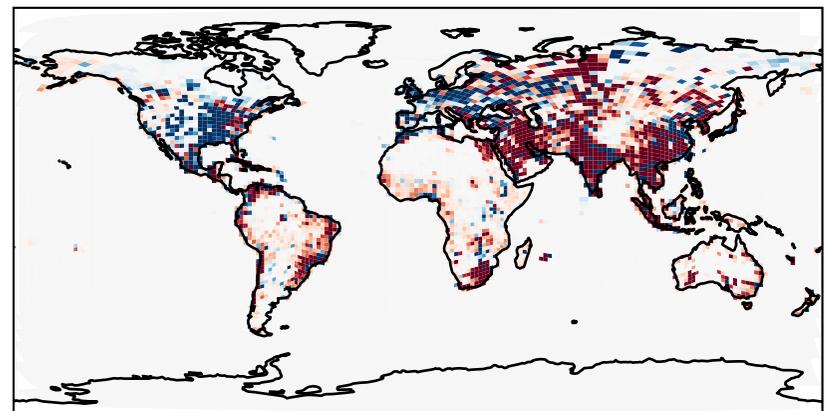
GCHP\_13.2.0 (Dev)  
c48



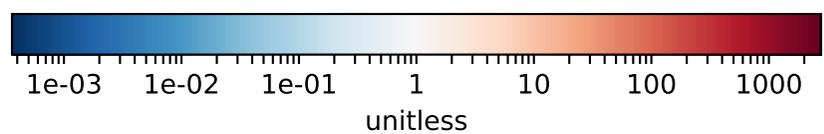
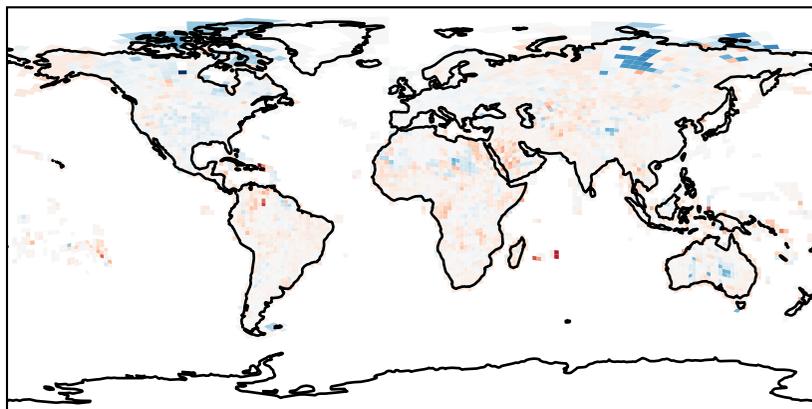
Difference  
Dev - Ref, Dynamic Range



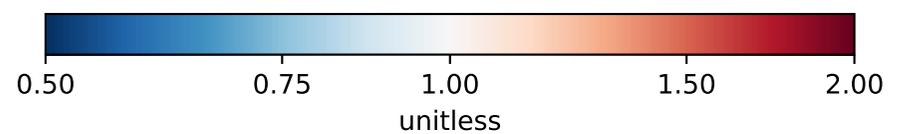
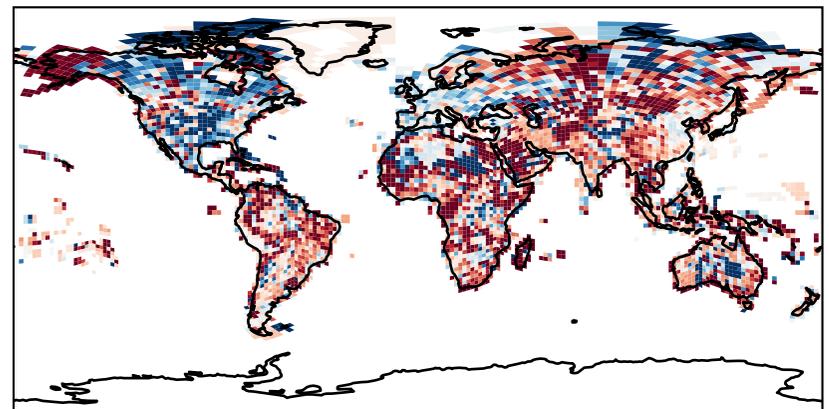
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

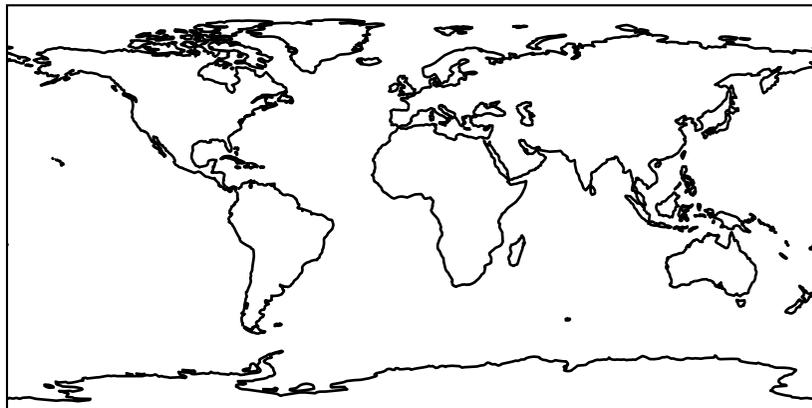


Ratio  
Dev/Ref, Fixed Range



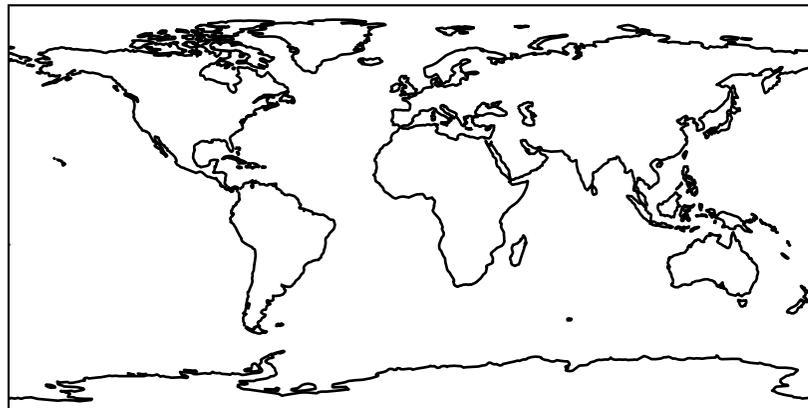
# EmisPOG1\_Anthro (Oct2019)

GCHP\_13.0.0 (Ref)  
c48



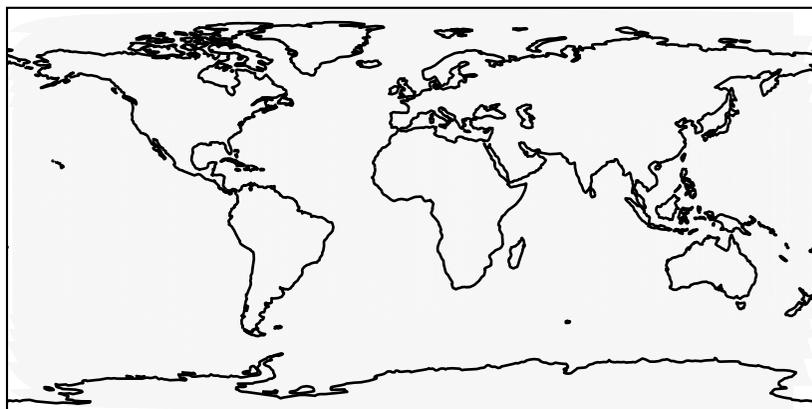
Zero throughout domain  
kg/m2/s

GCHP\_13.2.0 (Dev)  
c48



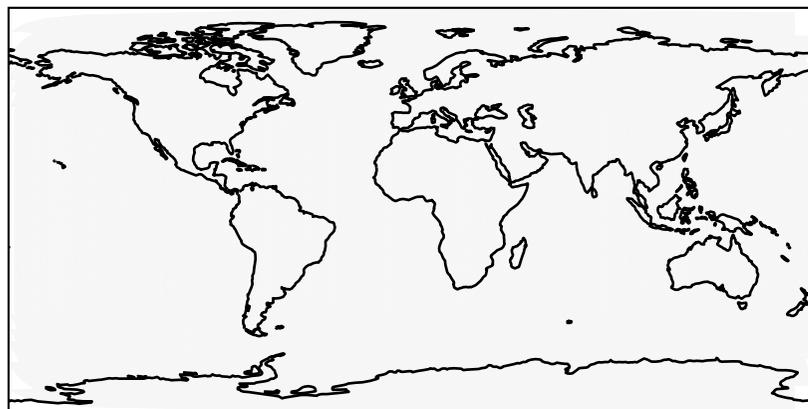
Zero throughout domain  
kg/m2/s

Difference  
Dev - Ref, Dynamic Range



Zero throughout domain  
kg/m2/s

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



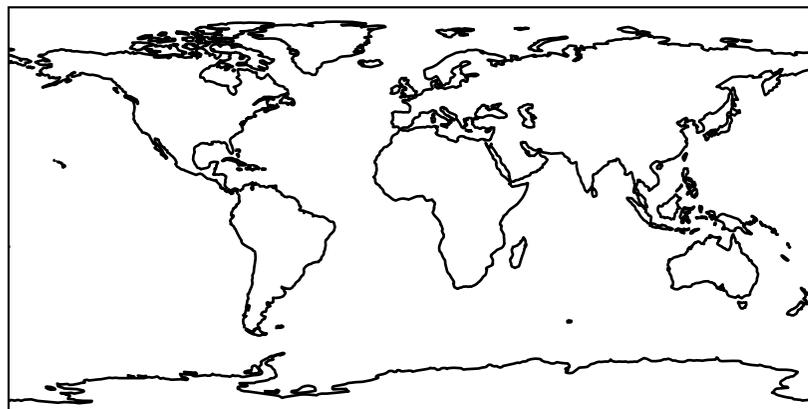
Zero throughout domain  
kg/m2/s

Ratio  
Dev/Ref, Dynamic Range



Undefined throughout domain  
unitless

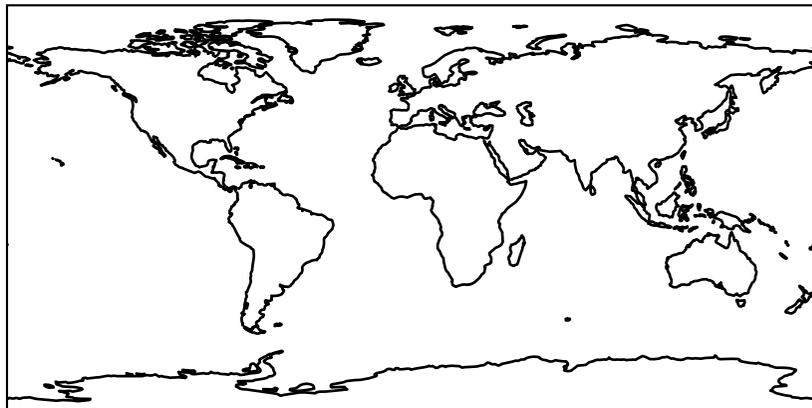
Ratio  
Dev/Ref, Fixed Range



Undefined throughout domain  
unitless

# EmisPOG2\_Anthro (Oct2019)

GCHP\_13.0.0 (Ref)  
c48



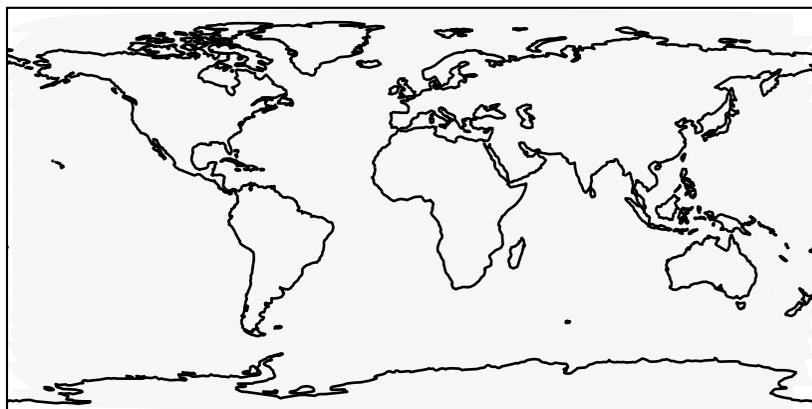
Zero throughout domain  
kg/m2/s

GCHP\_13.2.0 (Dev)  
c48



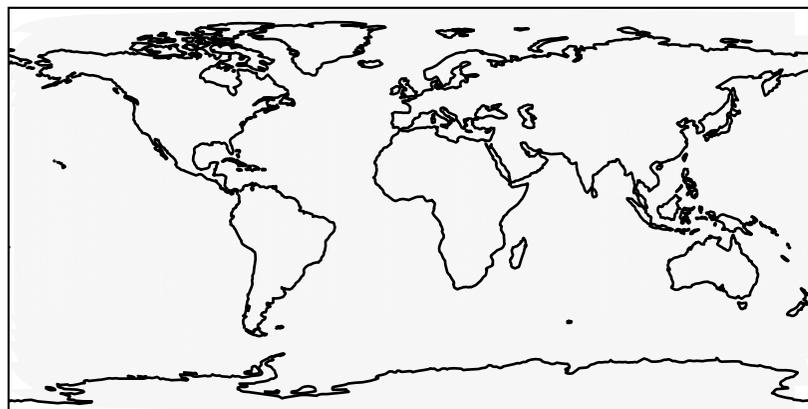
Zero throughout domain  
kg/m2/s

Difference  
Dev - Ref, Dynamic Range



Zero throughout domain  
kg/m2/s

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



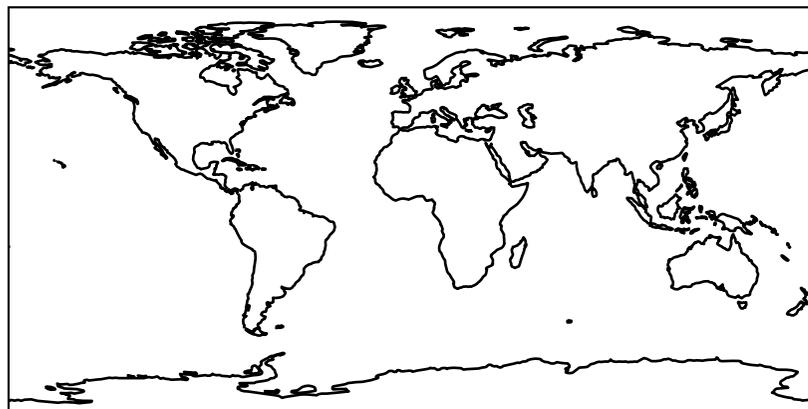
Zero throughout domain  
kg/m2/s

Ratio  
Dev/Ref, Dynamic Range



Undefined throughout domain  
unitless

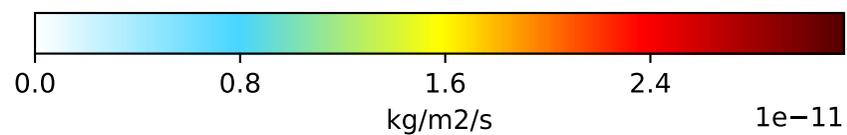
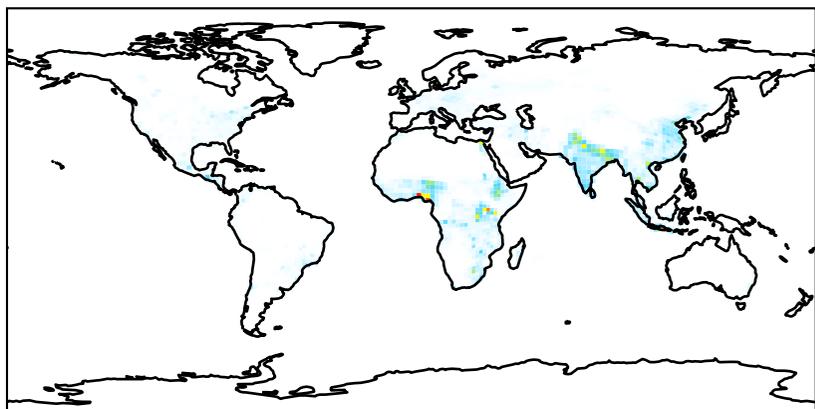
Ratio  
Dev/Ref, Fixed Range



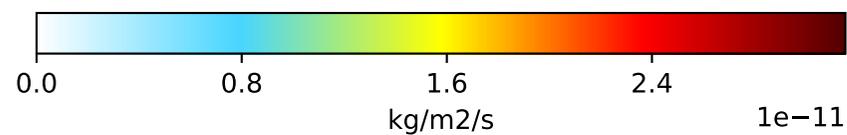
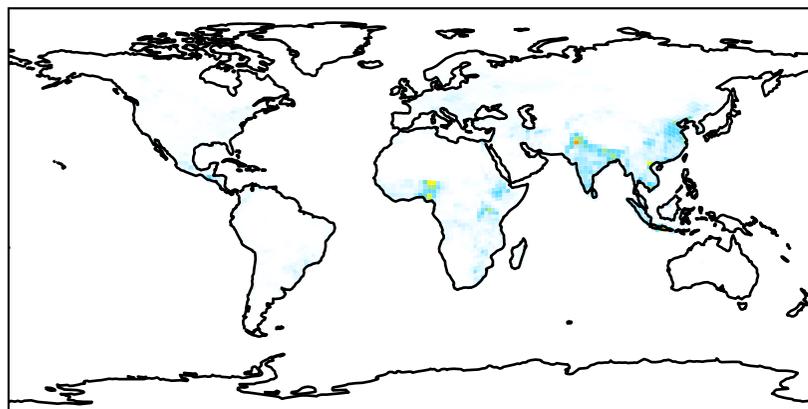
Undefined throughout domain  
unitless

# EmisPRPE\_Anthro (Oct2019)

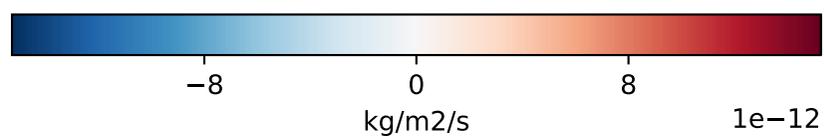
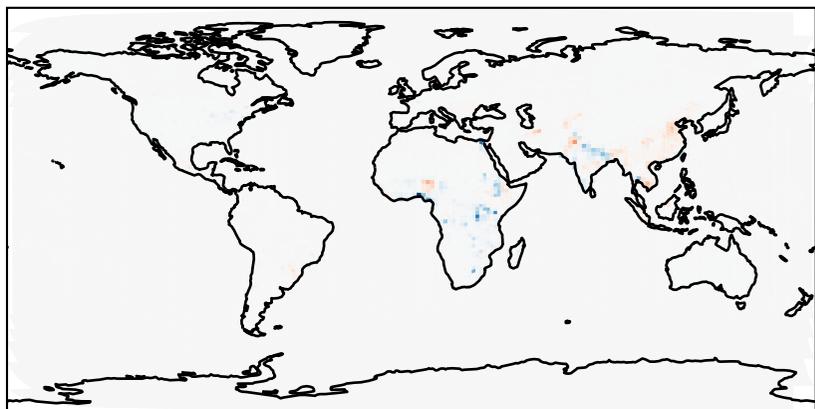
GCHP\_13.0.0 (Ref)  
c48



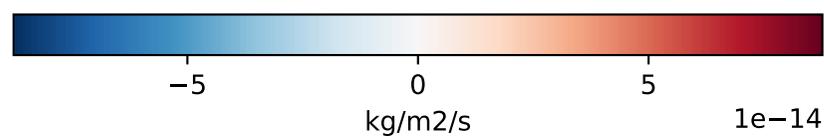
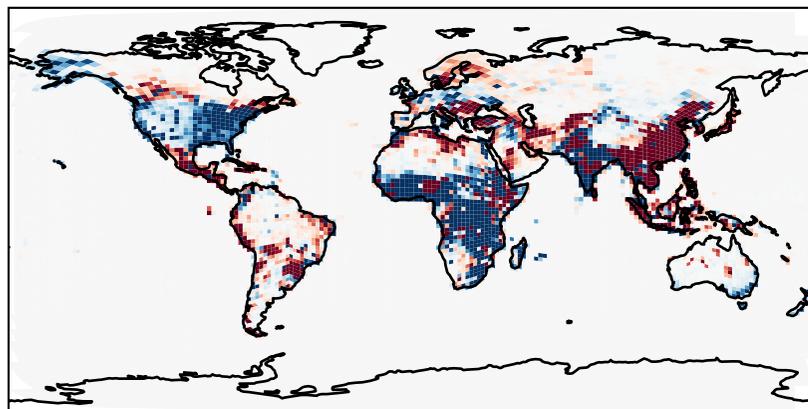
GCHP\_13.2.0 (Dev)  
c48



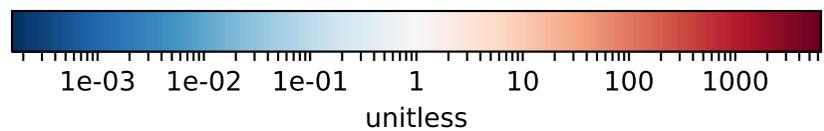
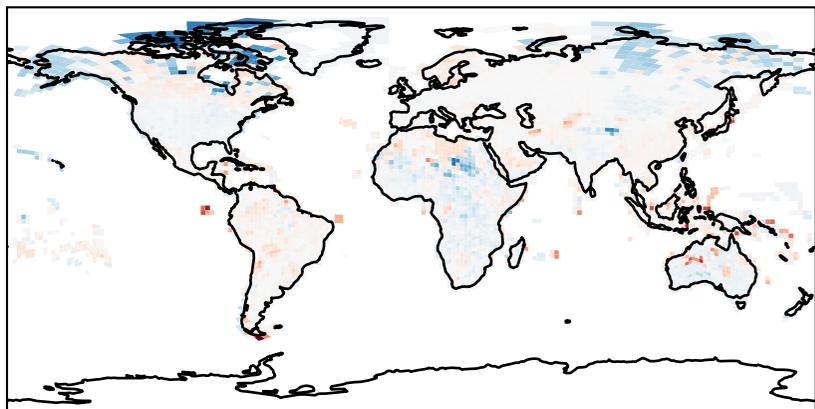
Difference  
Dev - Ref, Dynamic Range



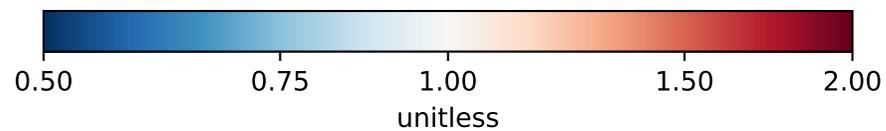
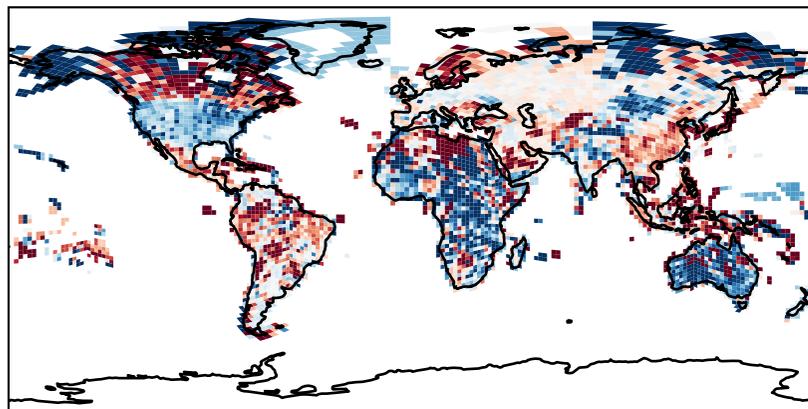
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

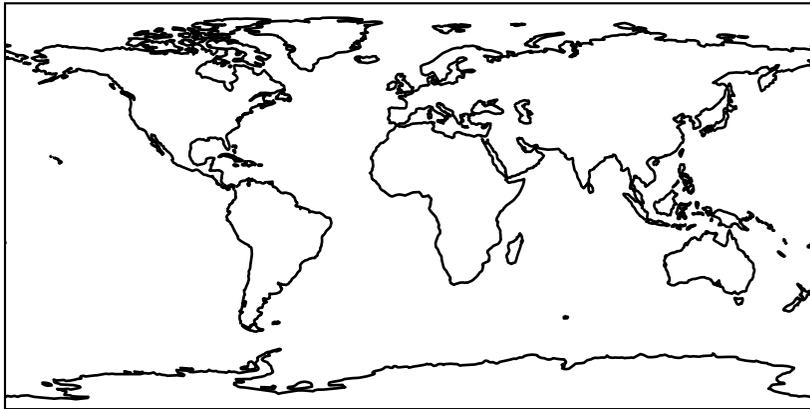


Ratio  
Dev/Ref, Fixed Range



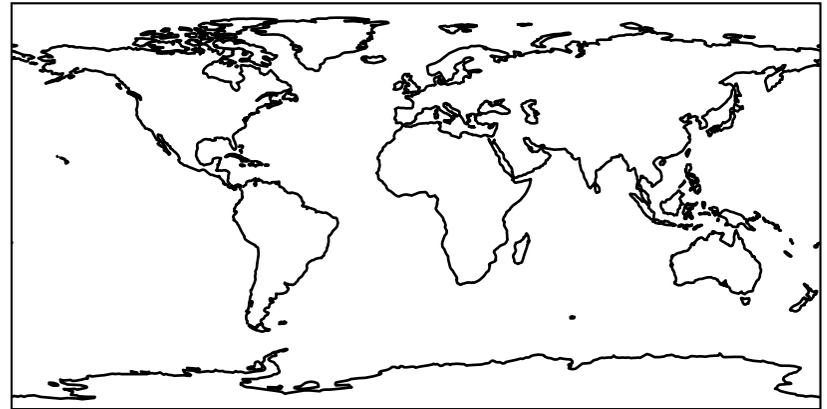
# EmisRCHO\_Anthro (Oct2019)

GCHP\_13.0.0 (Ref)  
c48



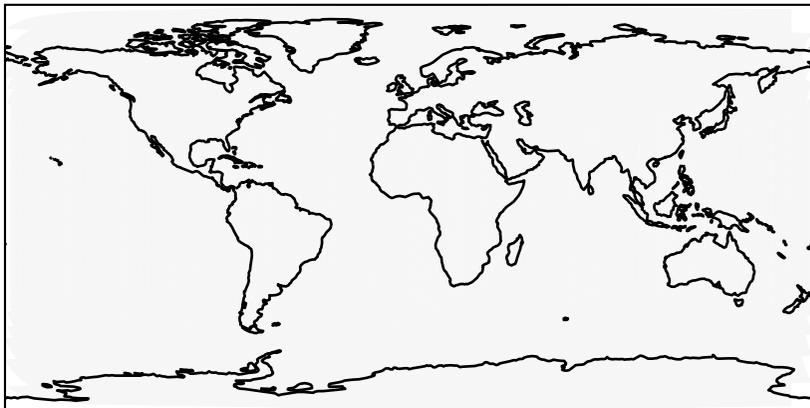
Zero throughout domain  
kg/m2/s

GCHP\_13.2.0 (Dev)  
c48



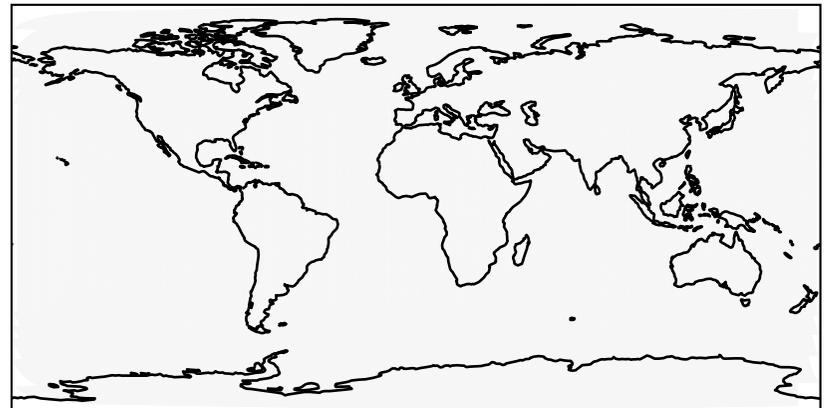
Zero throughout domain  
kg/m2/s

Difference  
Dev - Ref, Dynamic Range



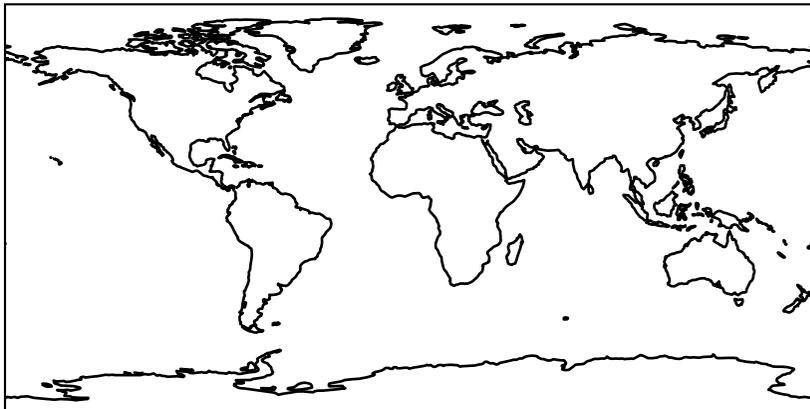
Zero throughout domain  
kg/m2/s

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



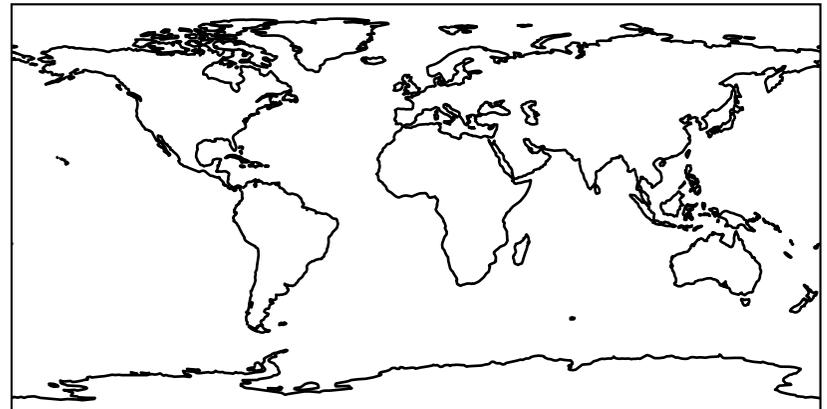
Zero throughout domain  
kg/m2/s

Ratio  
Dev/Ref, Dynamic Range



Undefined throughout domain  
unitless

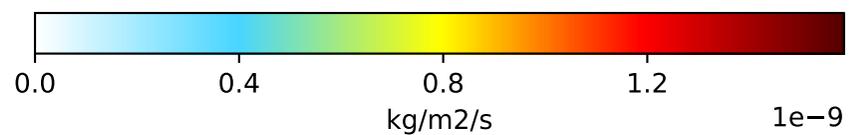
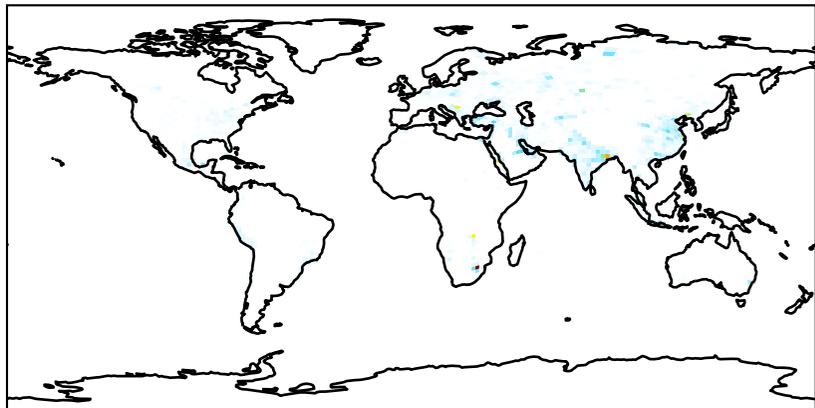
Ratio  
Dev/Ref, Fixed Range



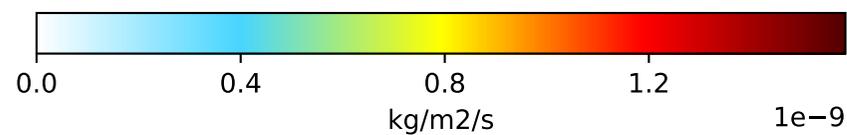
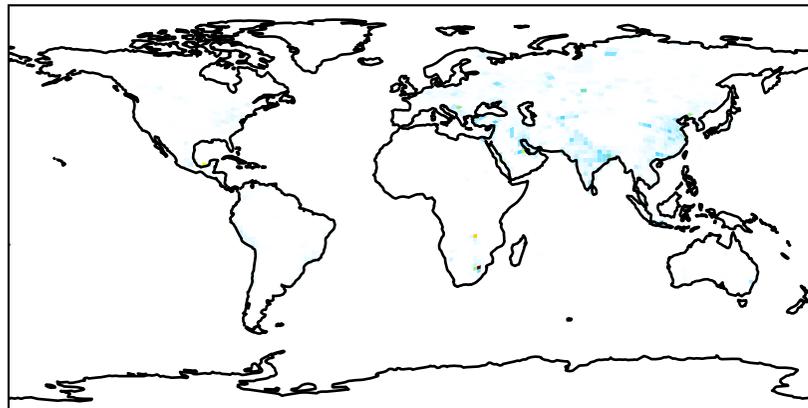
Undefined throughout domain  
unitless

# EmisSO2\_Anthro (Oct2019)

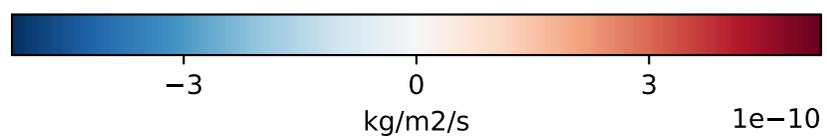
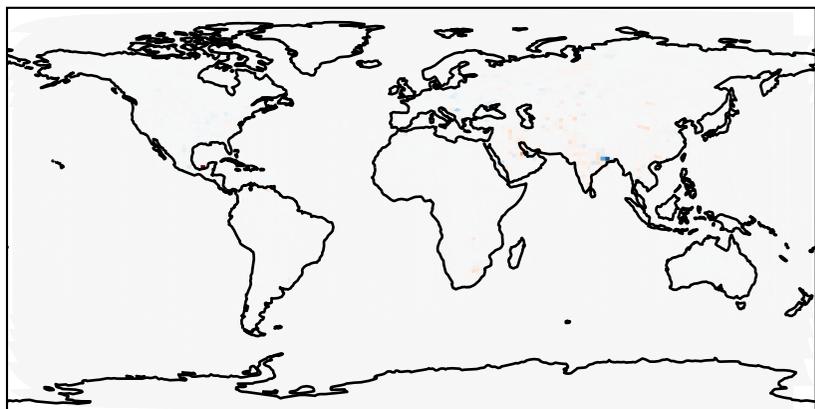
GCHP\_13.0.0 (Ref)  
c48



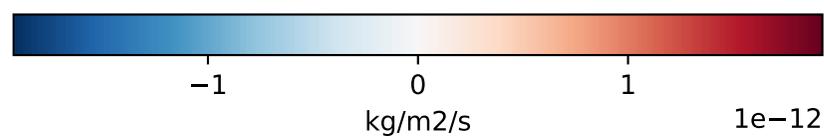
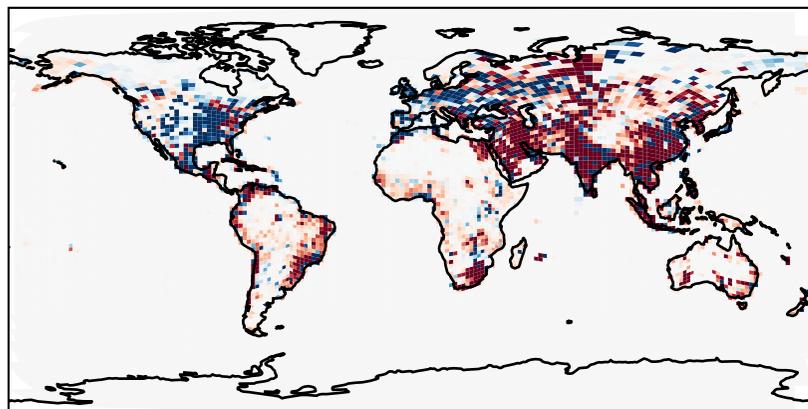
GCHP\_13.2.0 (Dev)  
c48



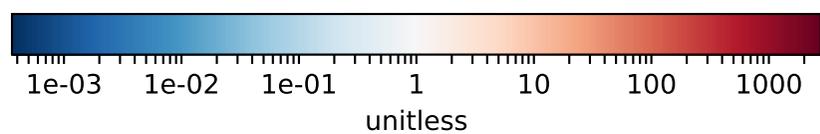
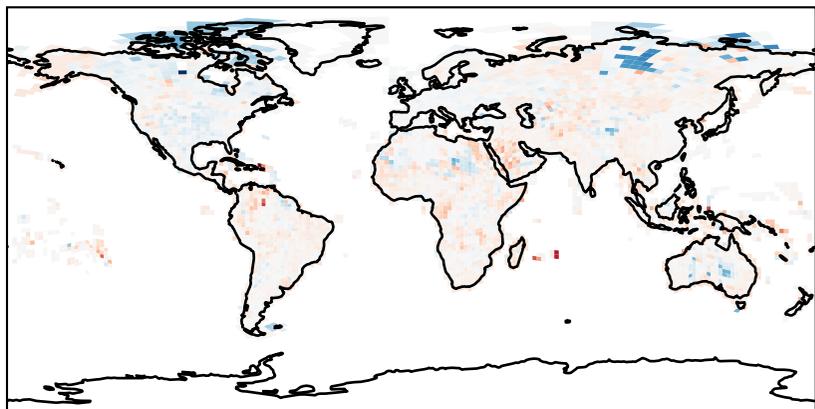
Difference  
Dev - Ref, Dynamic Range



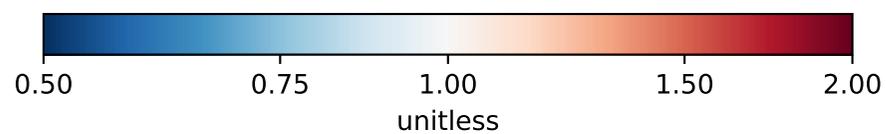
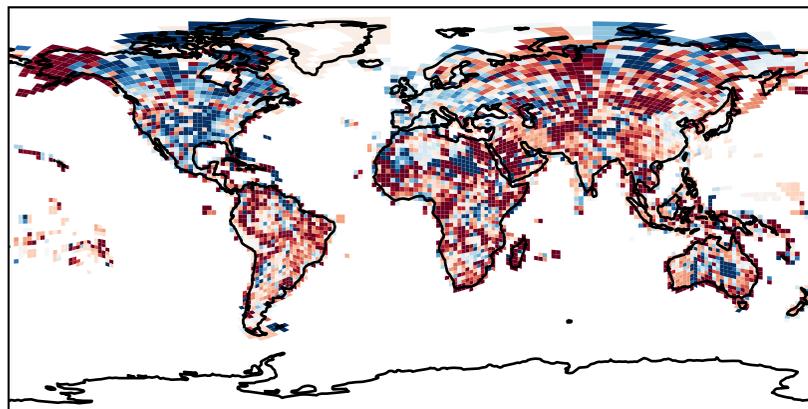
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

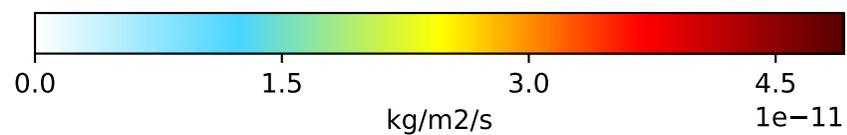
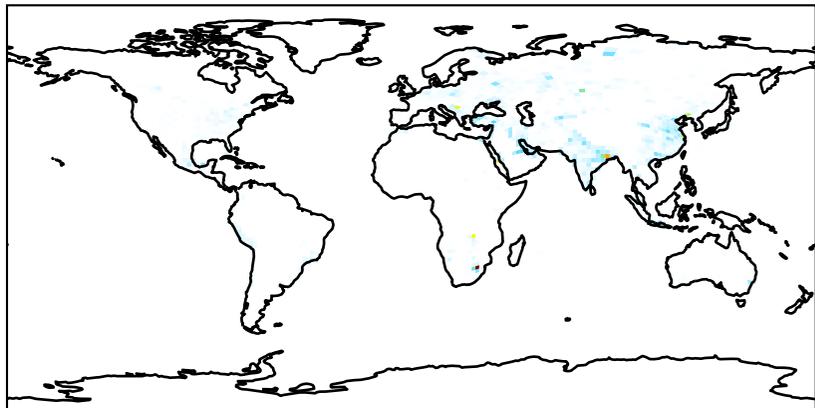


Ratio  
Dev/Ref, Fixed Range

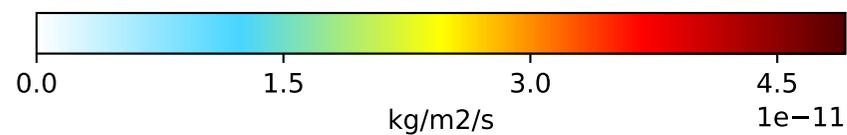
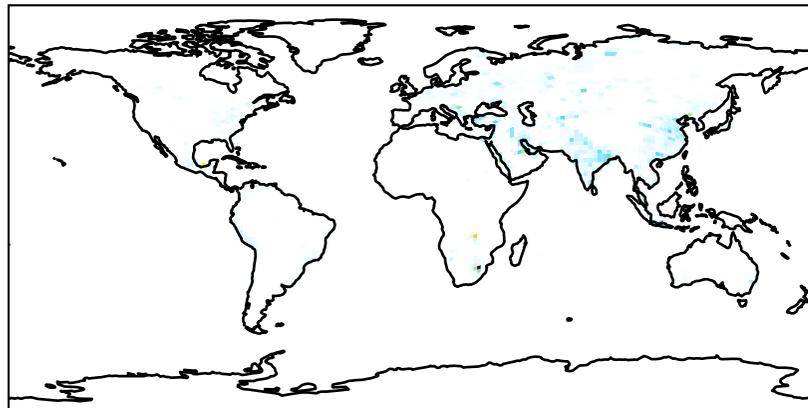


# EmisSO4\_Anthro (Oct2019)

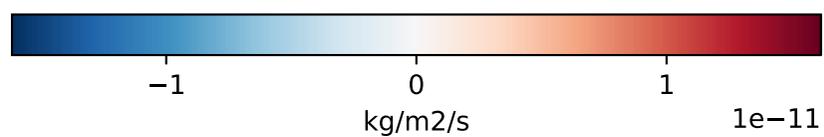
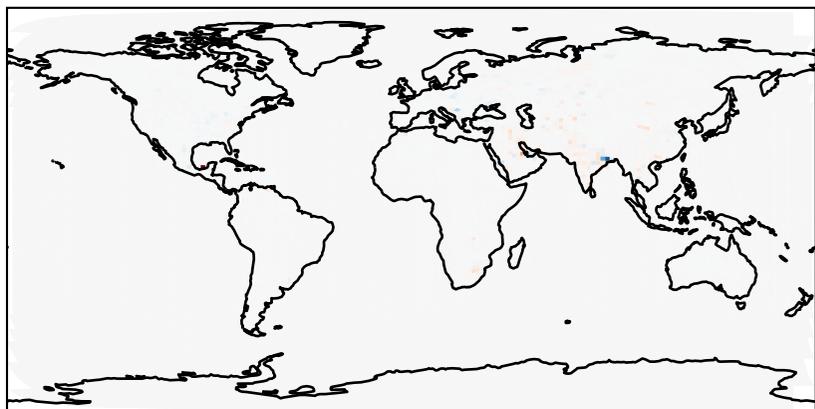
GCHP\_13.0.0 (Ref)  
c48



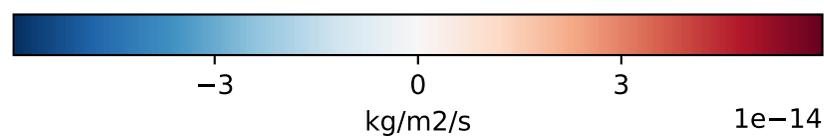
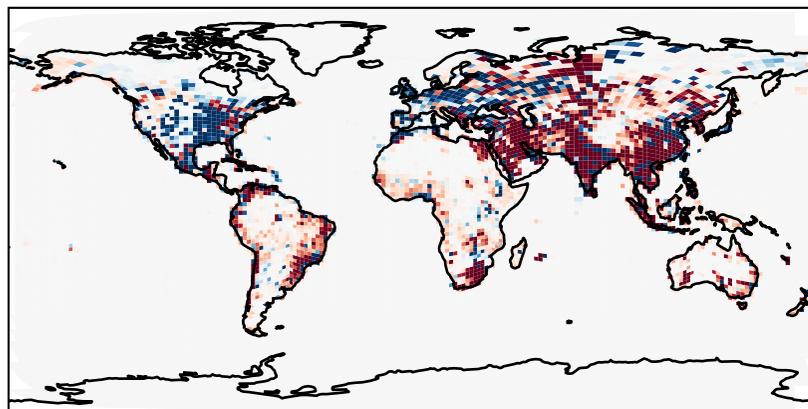
GCHP\_13.2.0 (Dev)  
c48



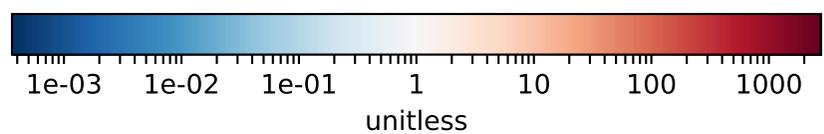
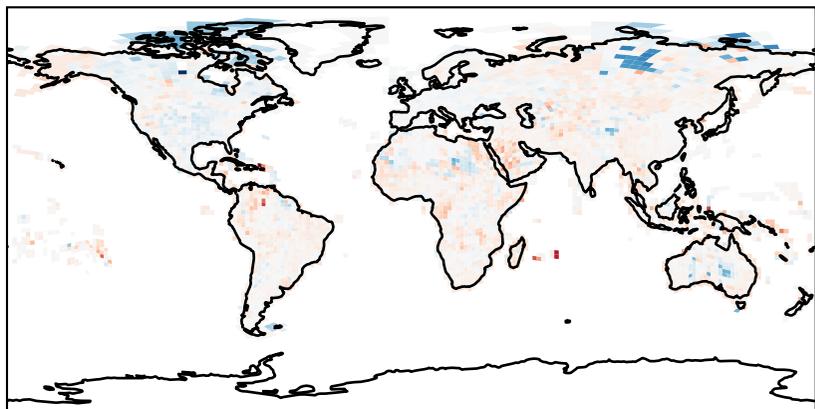
Difference  
Dev - Ref, Dynamic Range



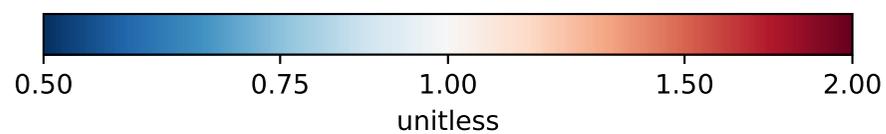
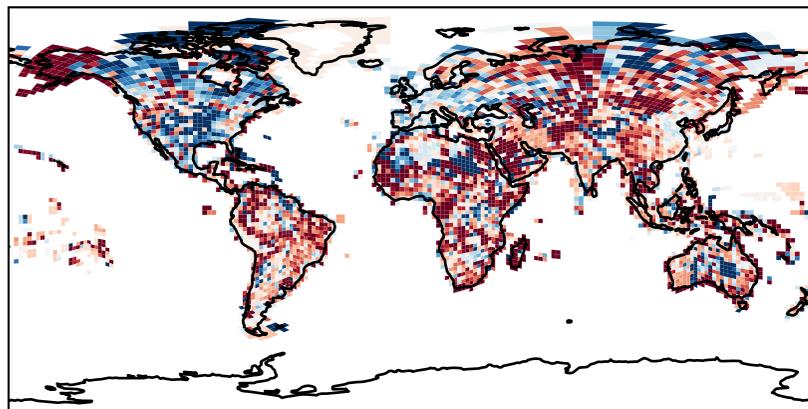
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

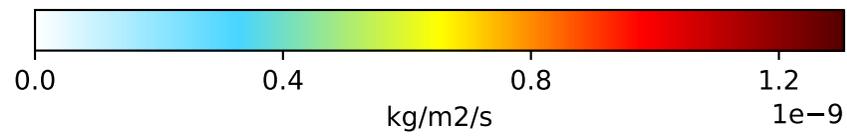
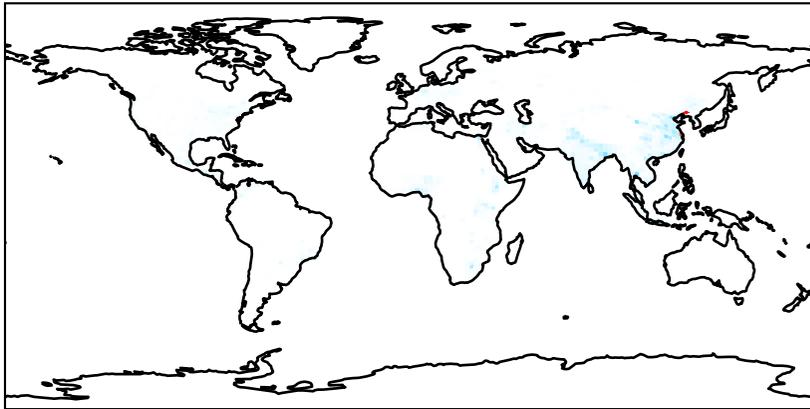


Ratio  
Dev/Ref, Fixed Range

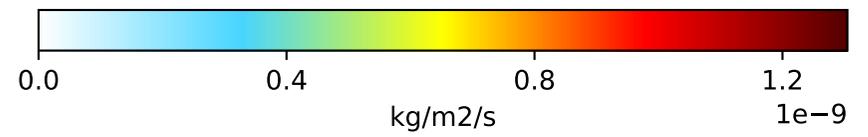
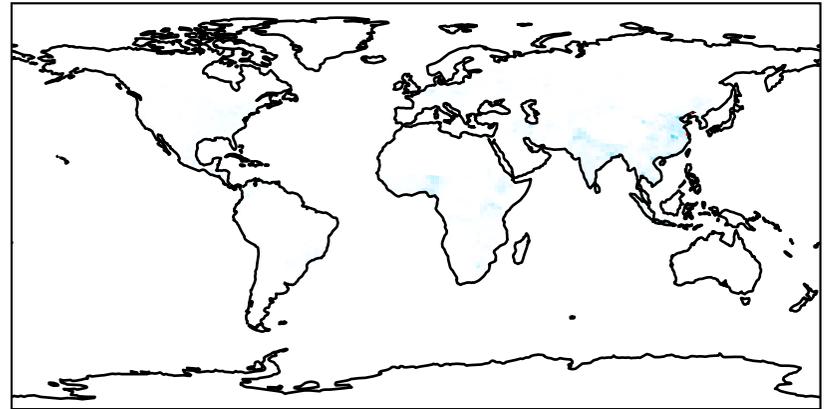


# EmisSOAP\_Anthro (Oct2019)

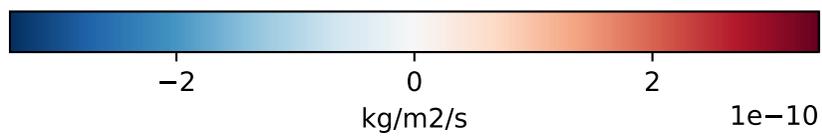
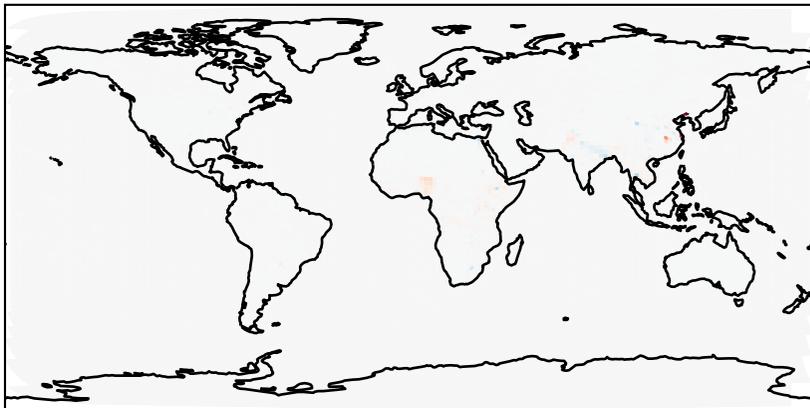
GCHP\_13.0.0 (Ref)  
c48



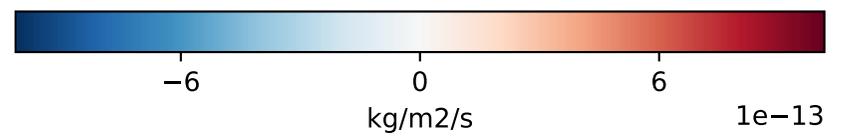
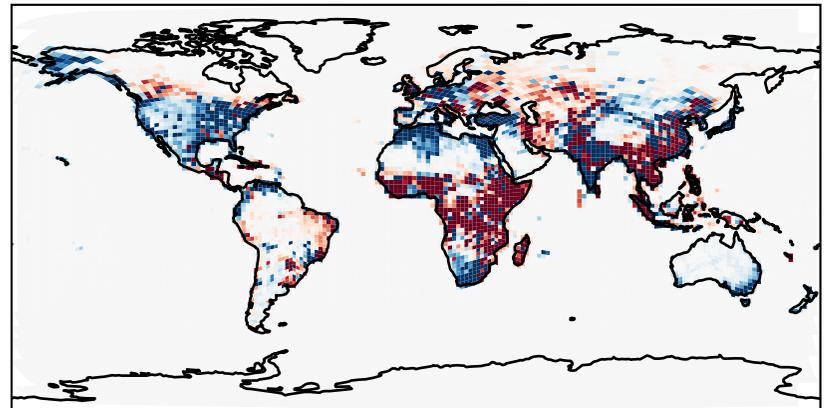
GCHP\_13.2.0 (Dev)  
c48



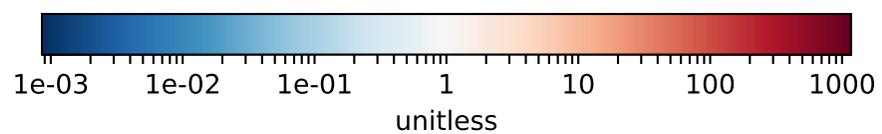
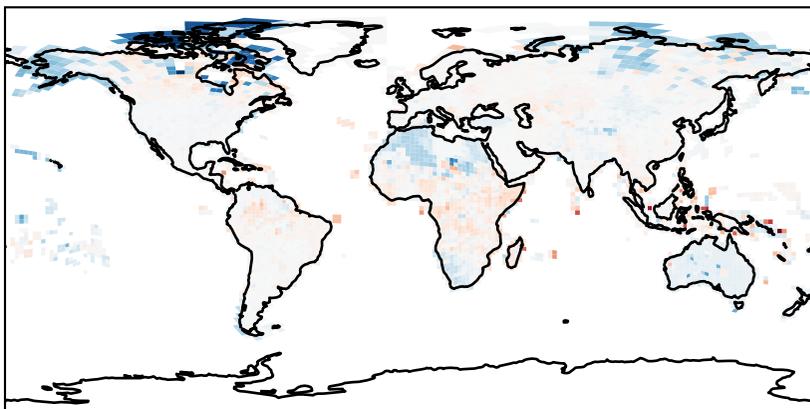
Difference  
Dev - Ref, Dynamic Range



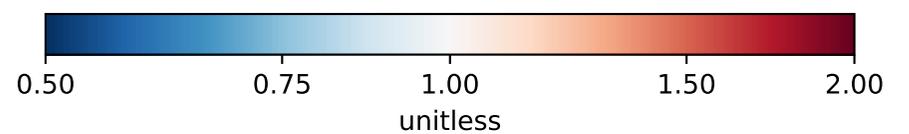
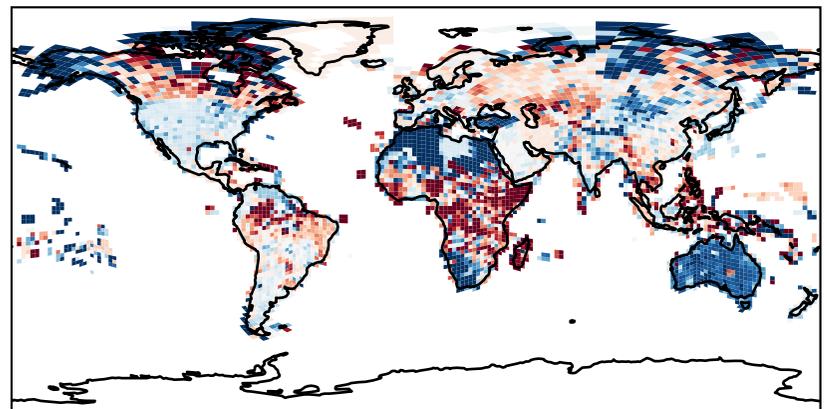
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

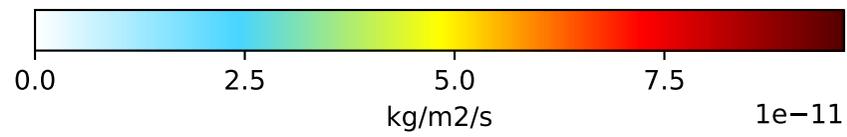
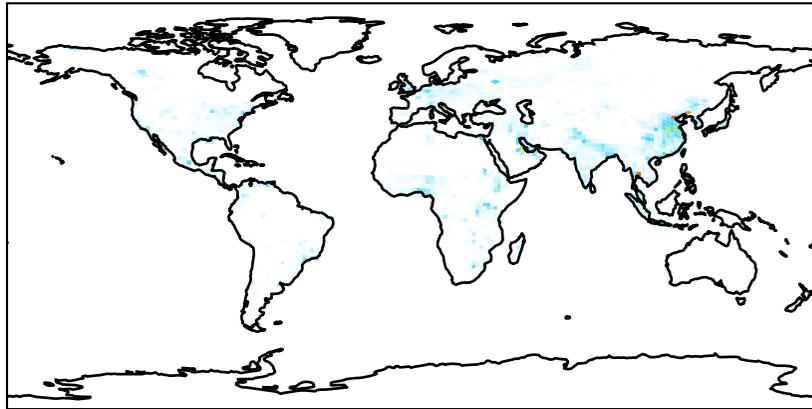


Ratio  
Dev/Ref, Fixed Range

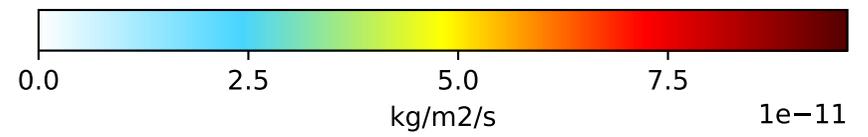
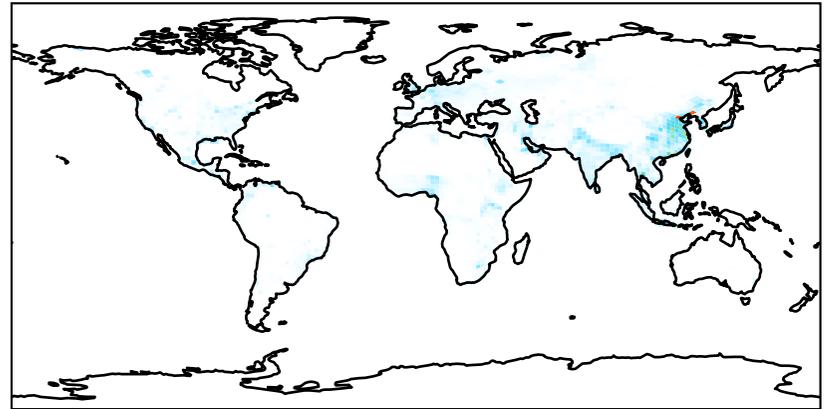


# EmisTOLU\_Anthro (Oct2019)

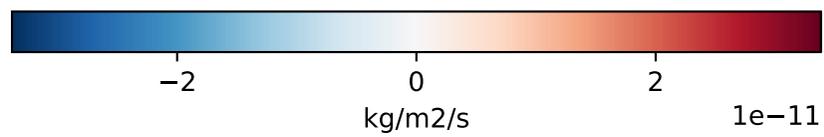
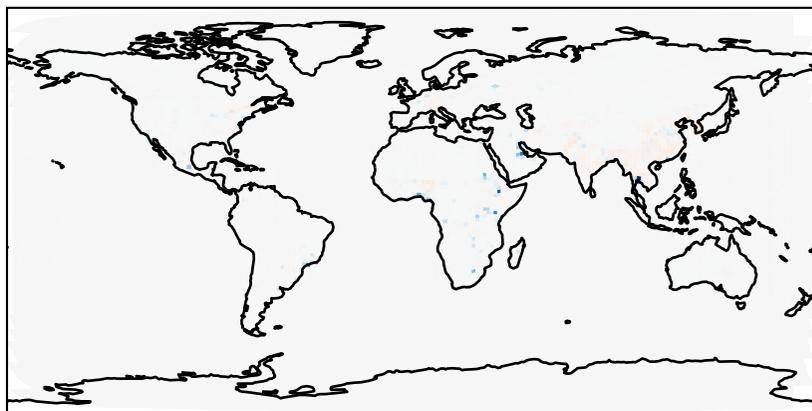
GCHP\_13.0.0 (Ref)  
c48



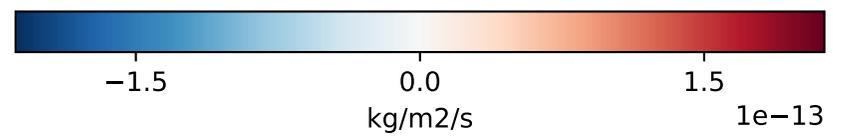
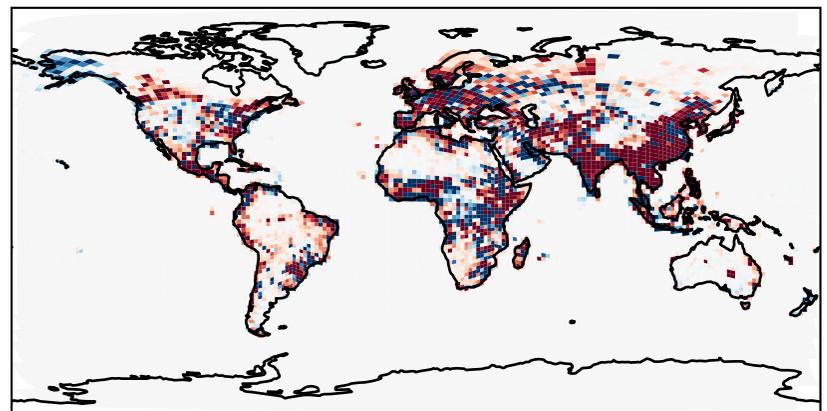
GCHP\_13.2.0 (Dev)  
c48



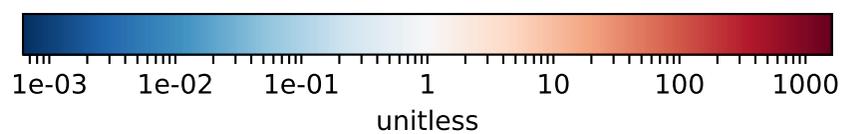
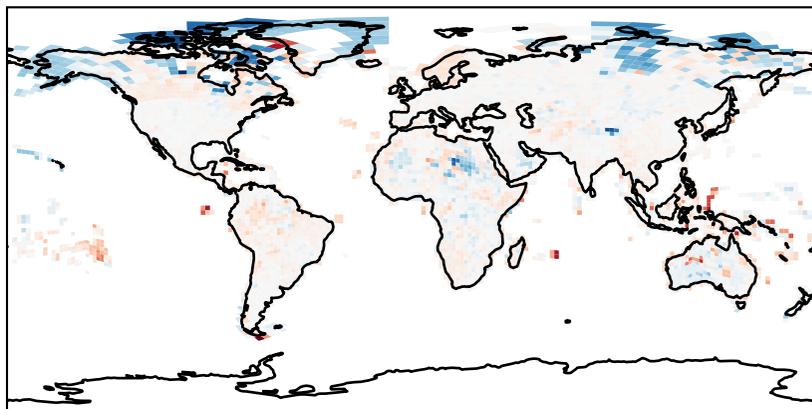
Difference  
Dev - Ref, Dynamic Range



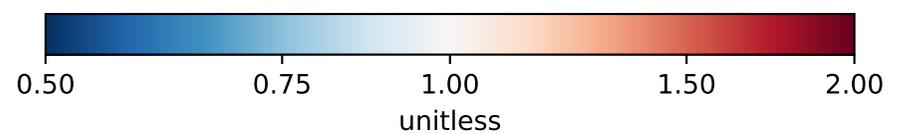
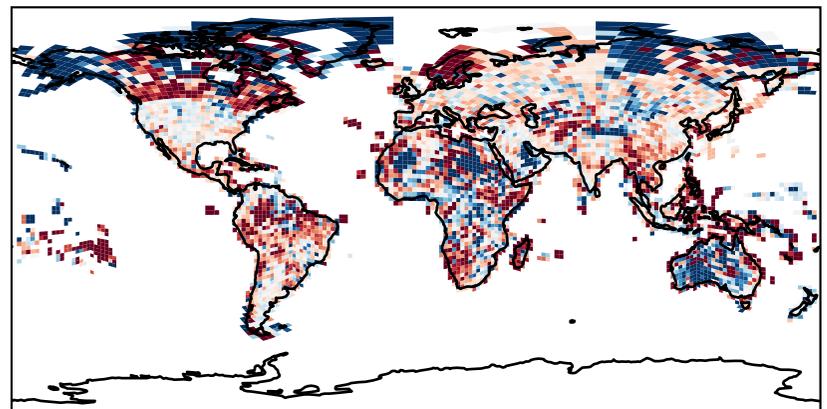
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

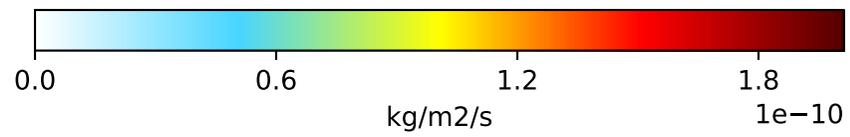
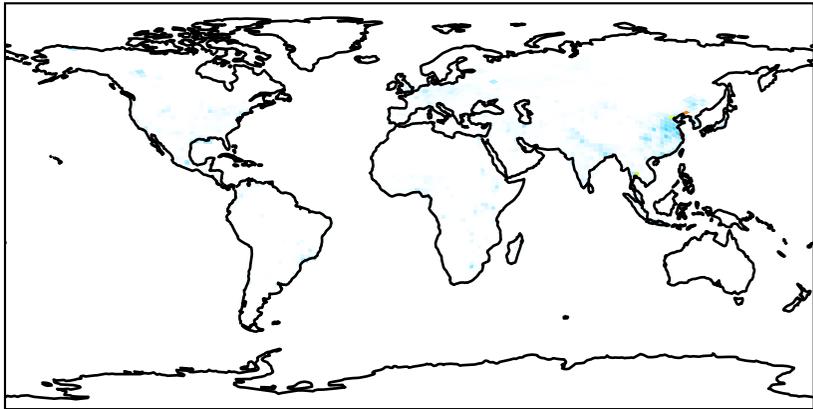


Ratio  
Dev/Ref, Fixed Range

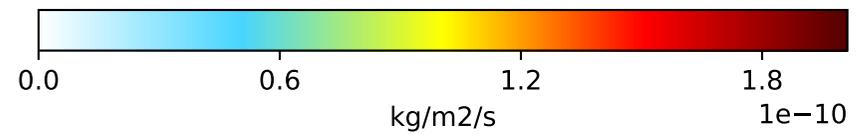
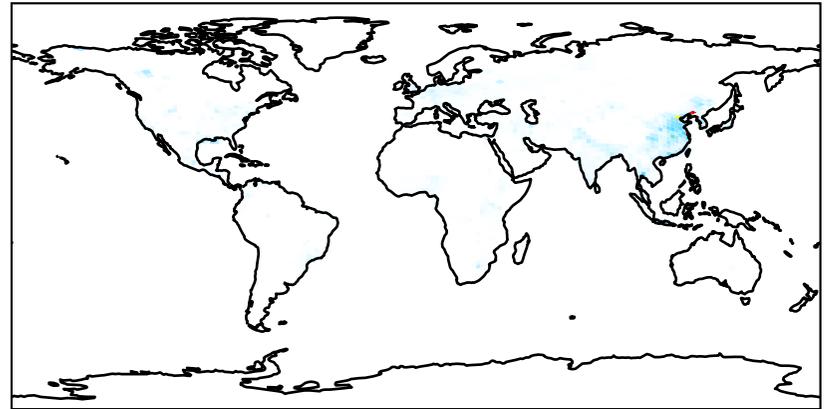


# EmisXYLE\_Anthro (Oct2019)

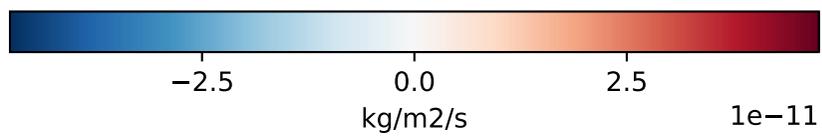
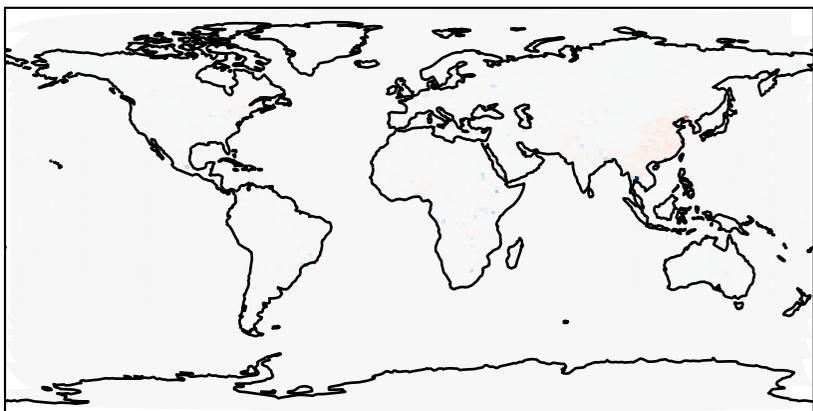
GCHP\_13.0.0 (Ref)  
c48



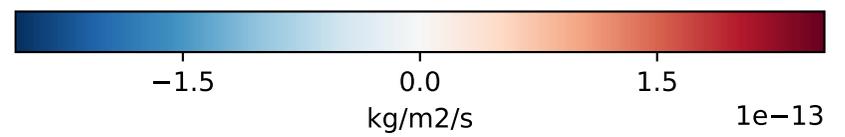
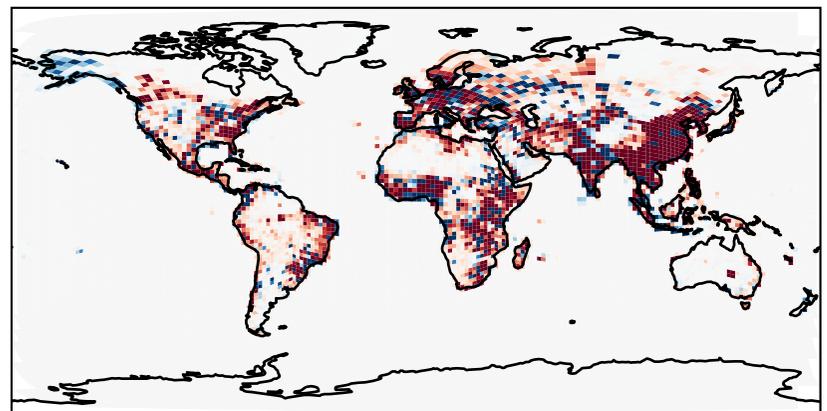
GCHP\_13.2.0 (Dev)  
c48



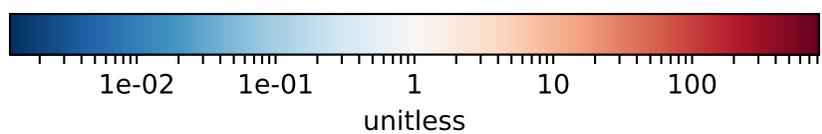
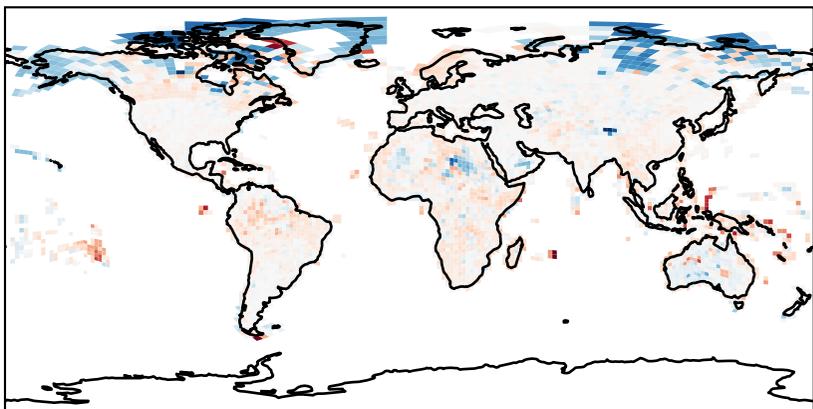
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range



Ratio  
Dev/Ref, Fixed Range

