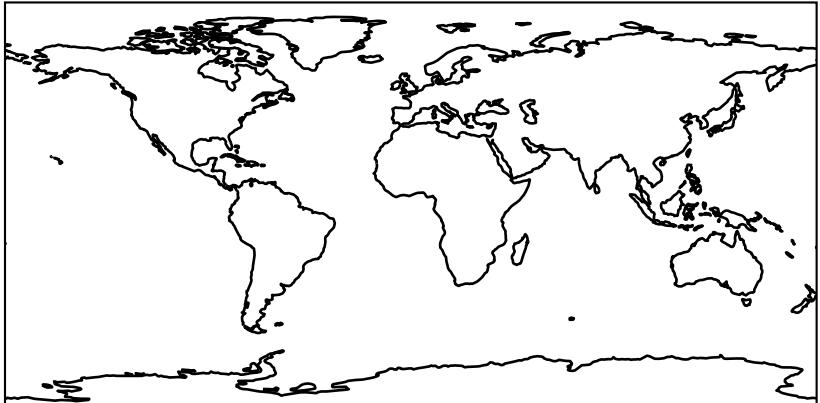


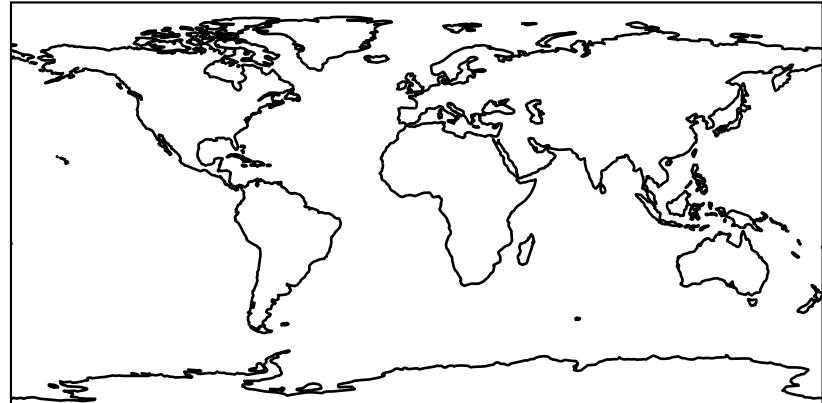
# EmisACET\_Anthro

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



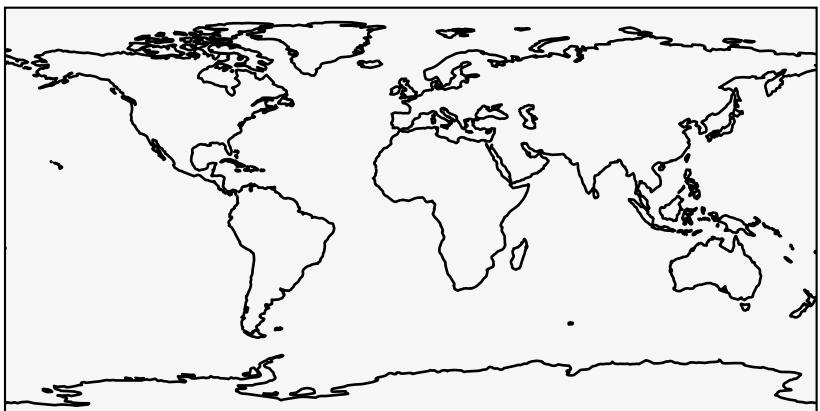
Zero throughout domain  
kg/m<sup>2</sup>/s

GCHP\_13.4.0-rc.4 (Dev)  
c48



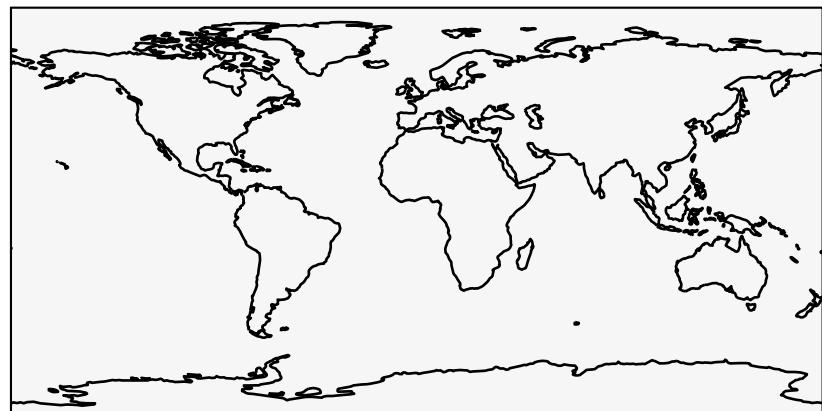
Zero throughout domain  
kg/m<sup>2</sup>/s

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



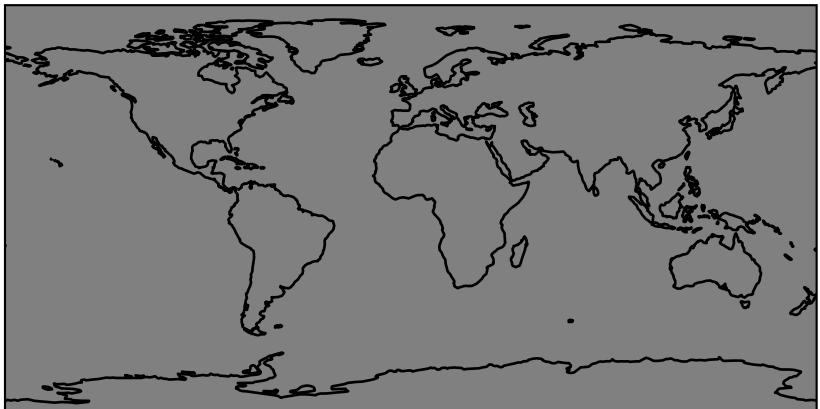
Zero throughout domain  
kg/m<sup>2</sup>/s

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



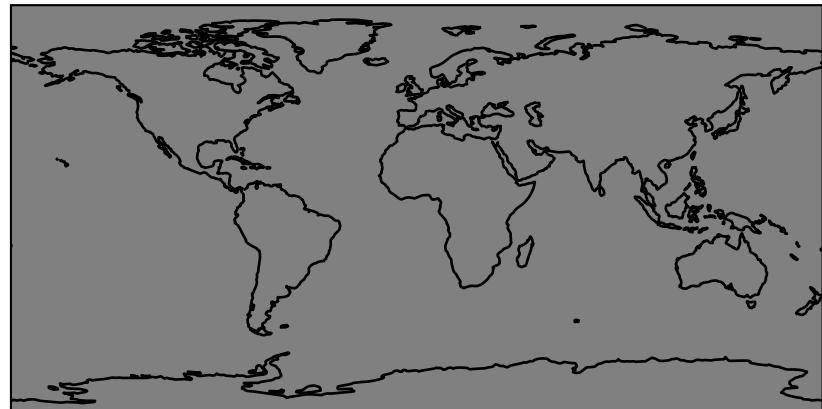
Zero throughout domain  
kg/m<sup>2</sup>/s

Ratio (1x1.25)  
Dev/Ref, Dynamic Range



Undefined throughout domain  
unitless

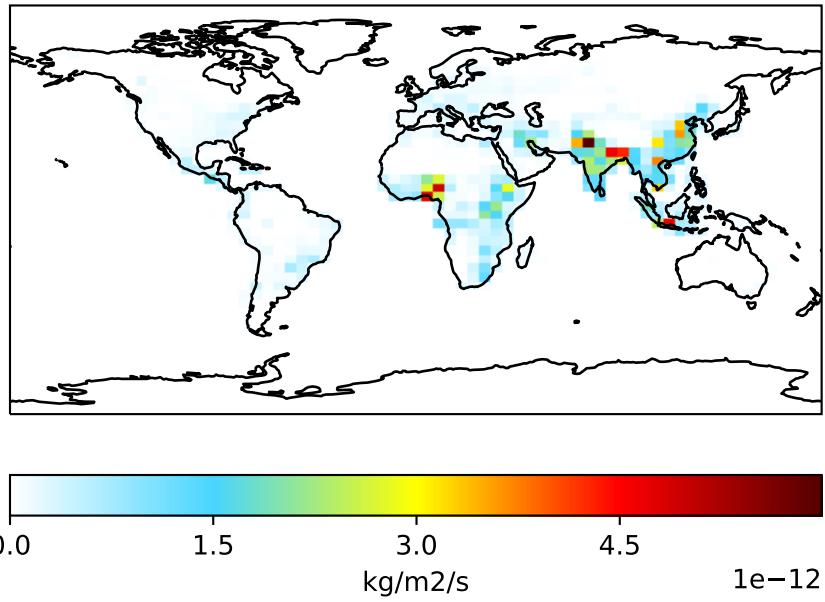
Ratio (1x1.25)  
Dev/Ref, Fixed Range



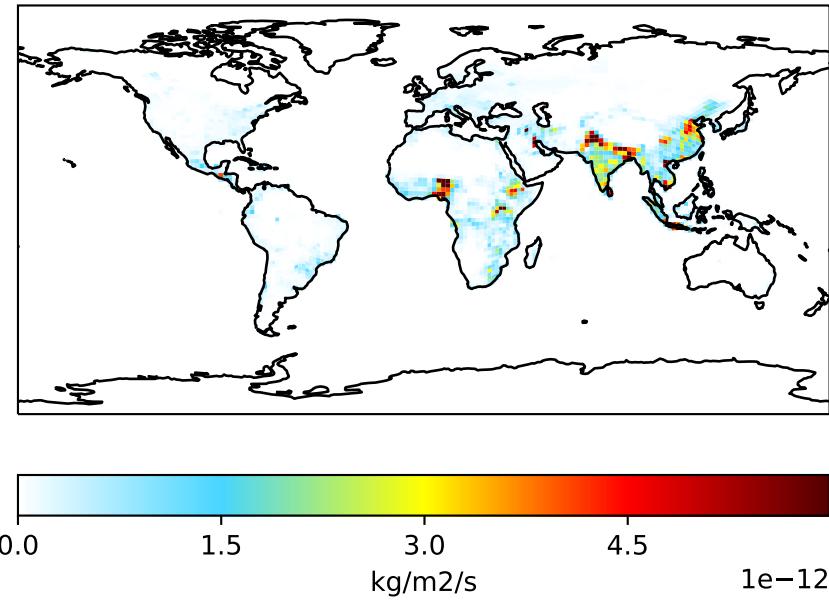
Undefined throughout domain  
unitless

# EmisALD2\_Anthro

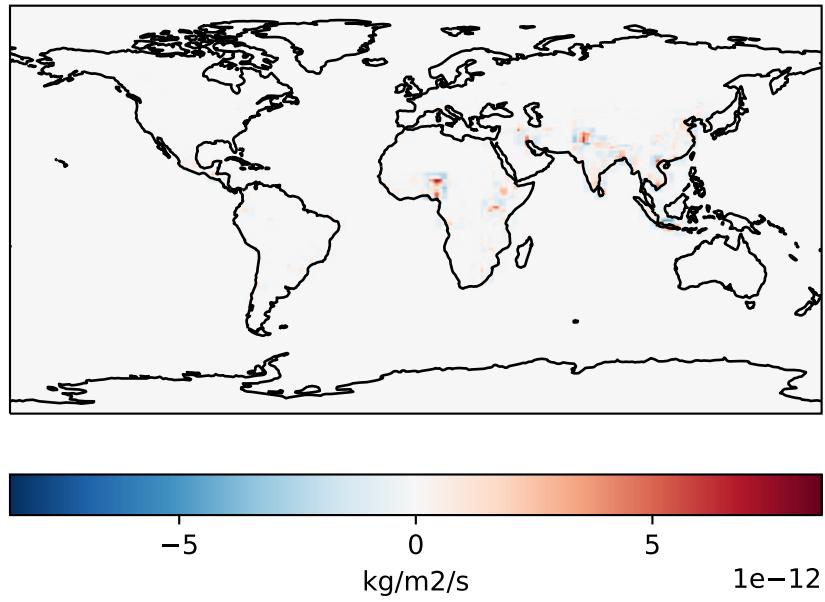
GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



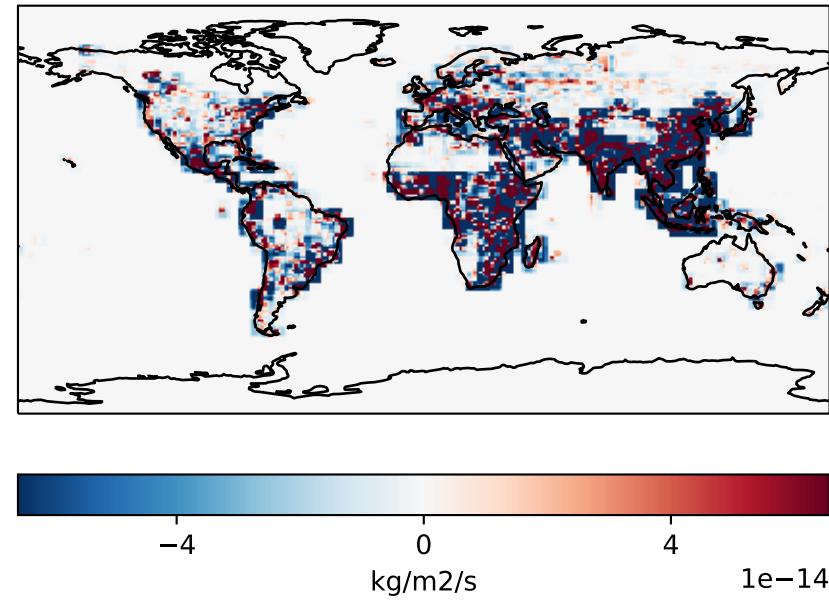
GCHP\_13.4.0-rc.4 (Dev)  
c48



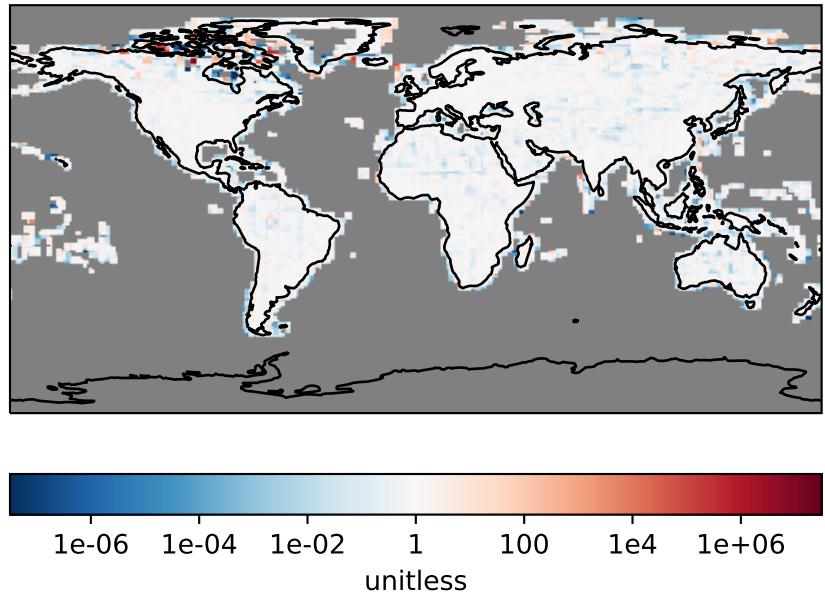
Difference (1x1.25)  
Dev - Ref, Dynamic Range



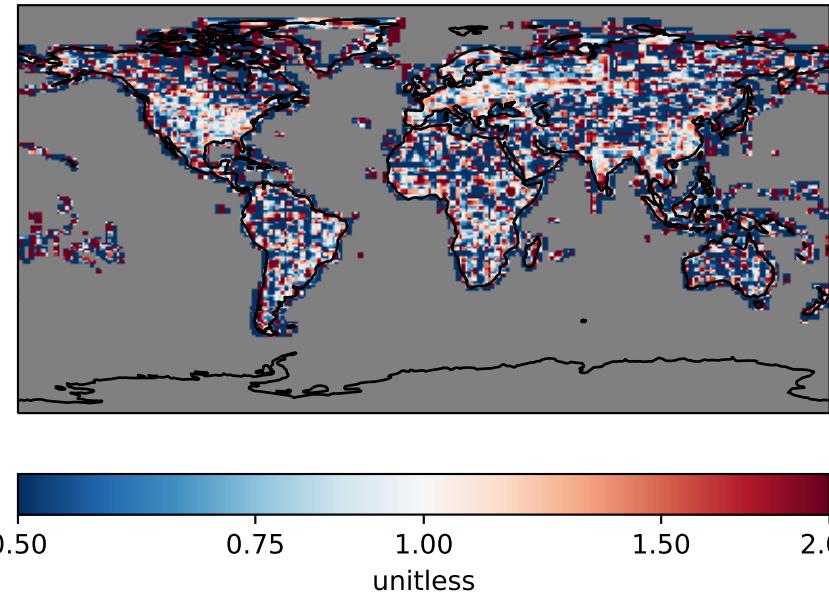
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

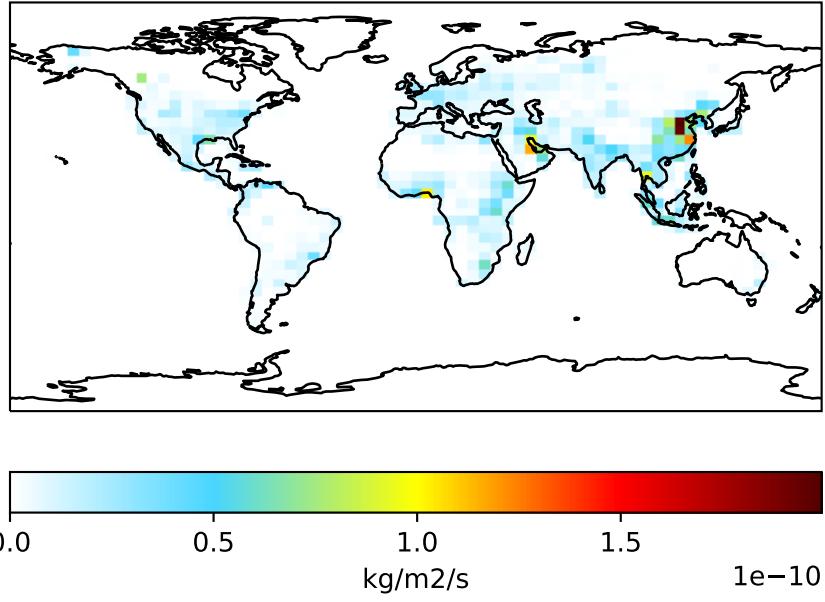


Ratio (1x1.25)  
Dev/Ref, Fixed Range

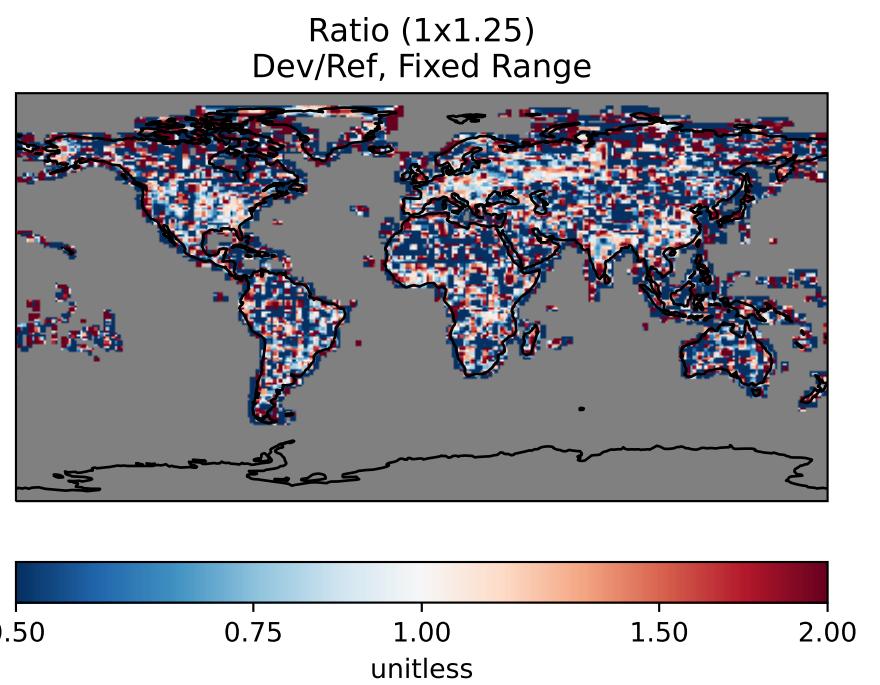
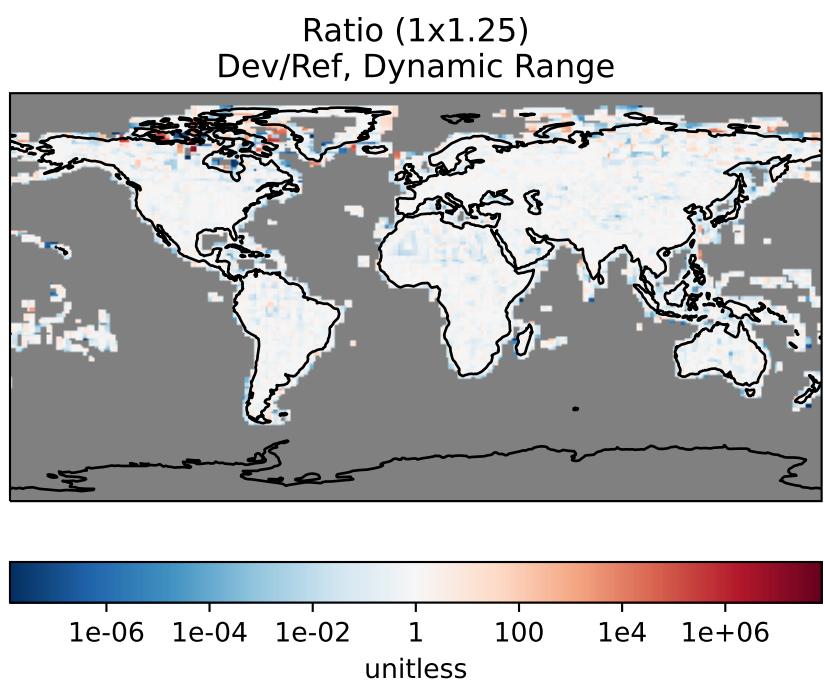
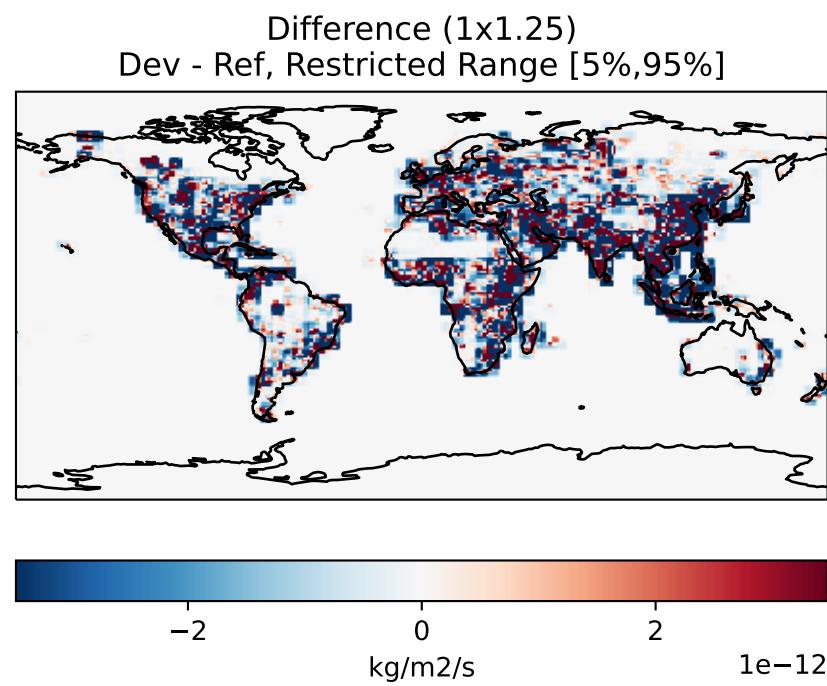
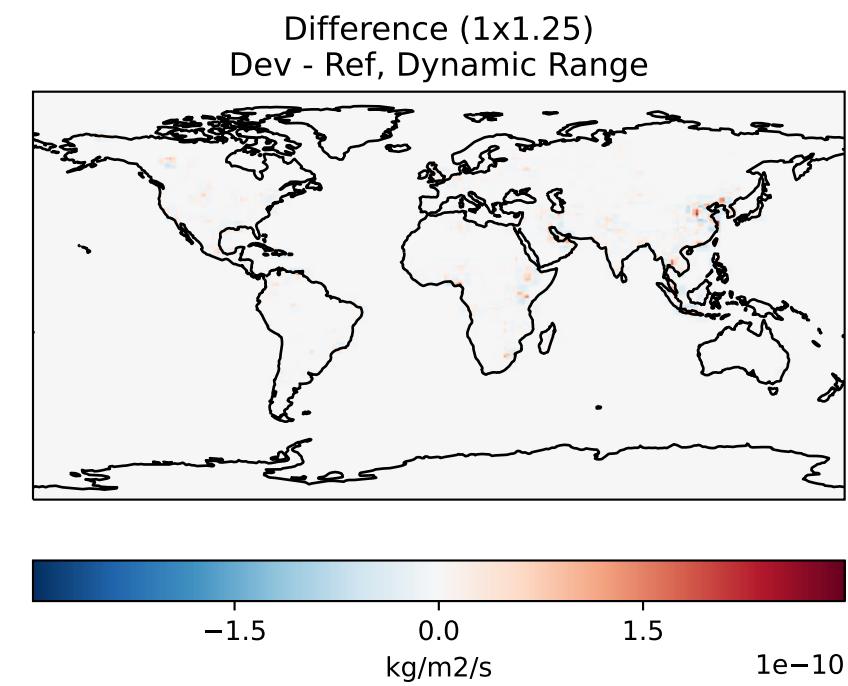
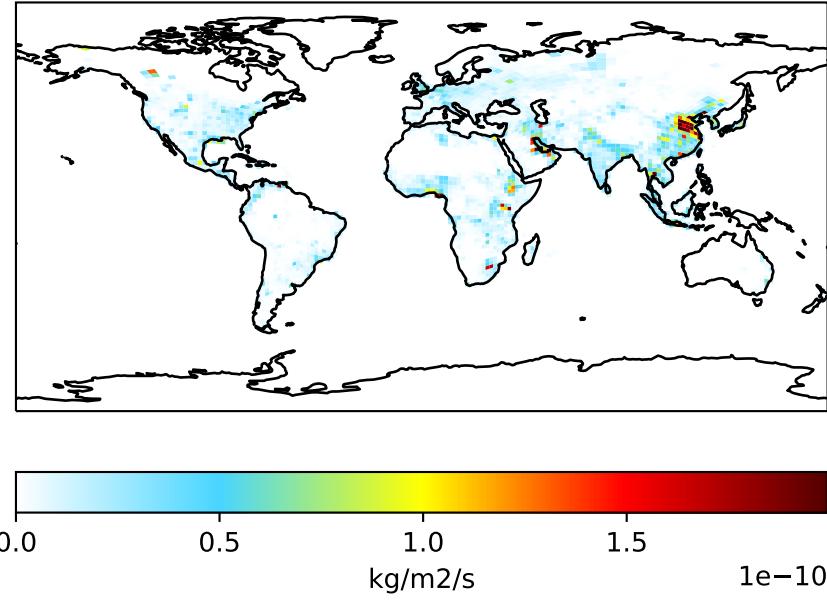


# EmisALK4\_Anthro

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0

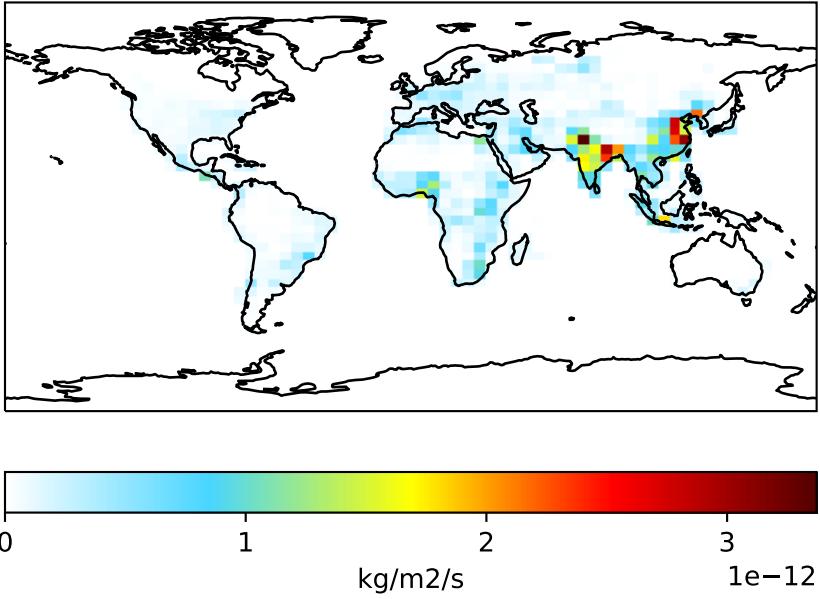


GCHP\_13.4.0-rc.4 (Dev)  
c48

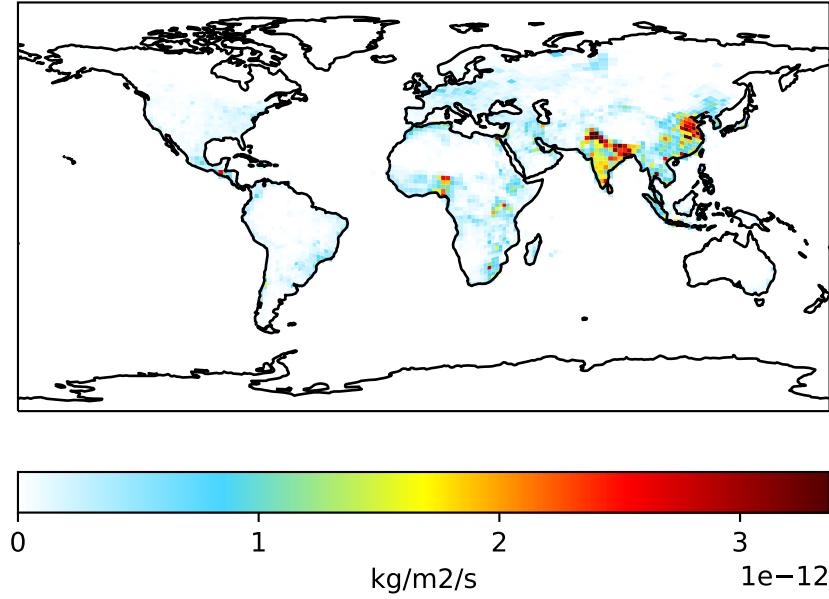


# EmisBCPI\_Anthro

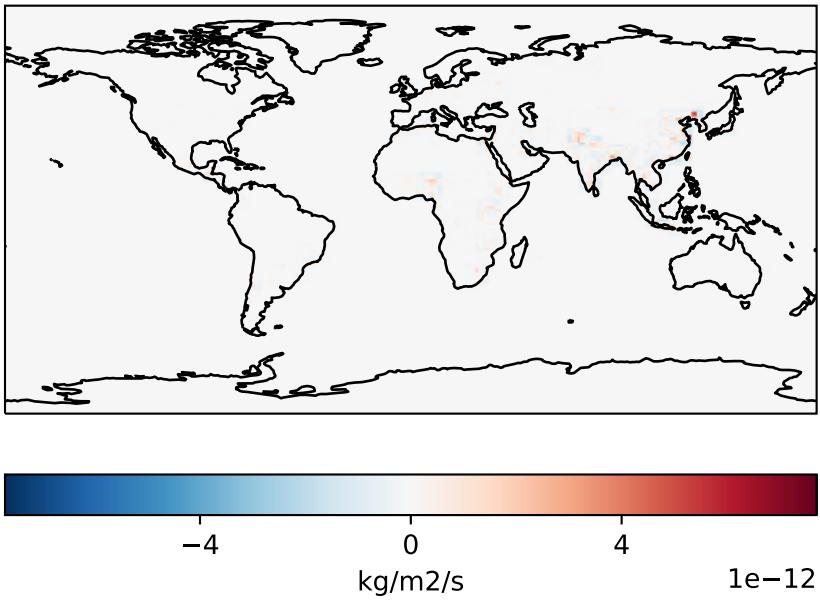
GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



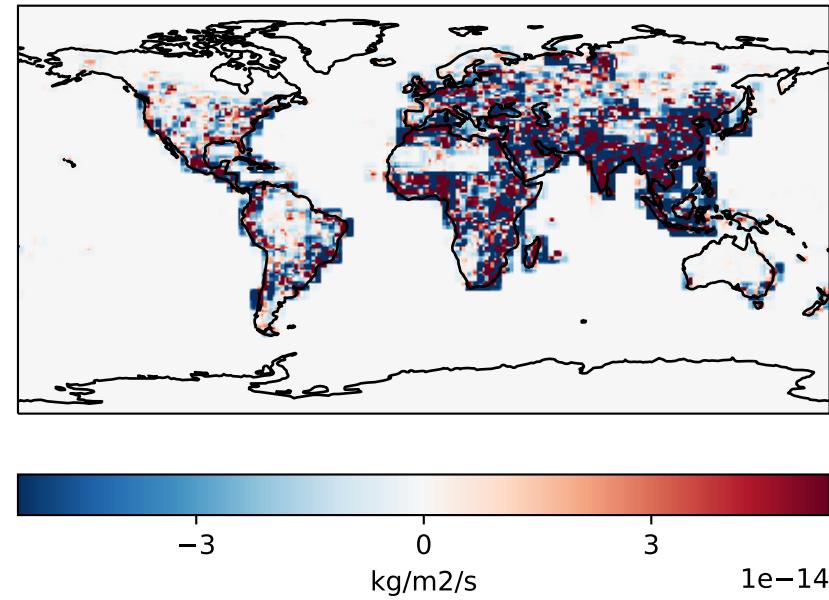
GCHP\_13.4.0-rc.4 (Dev)  
c48



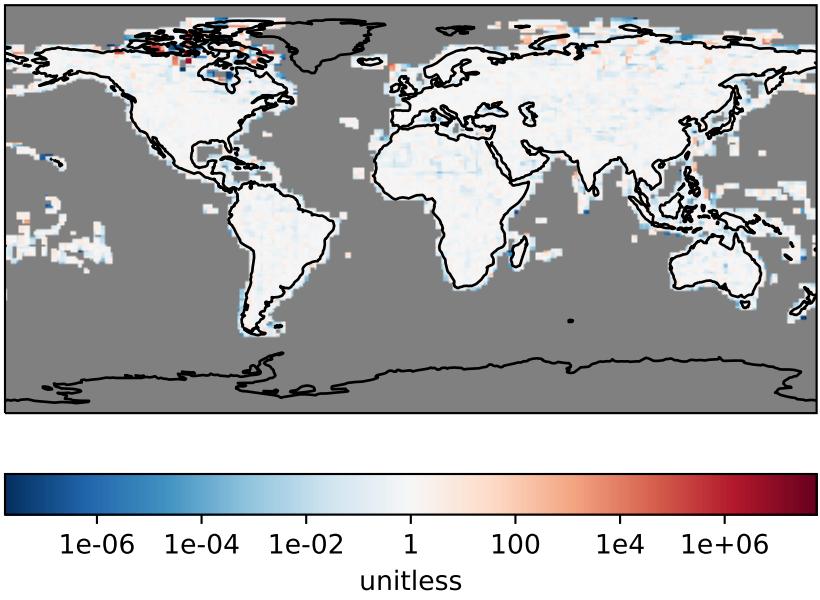
Difference (1x1.25)  
Dev - Ref, Dynamic Range



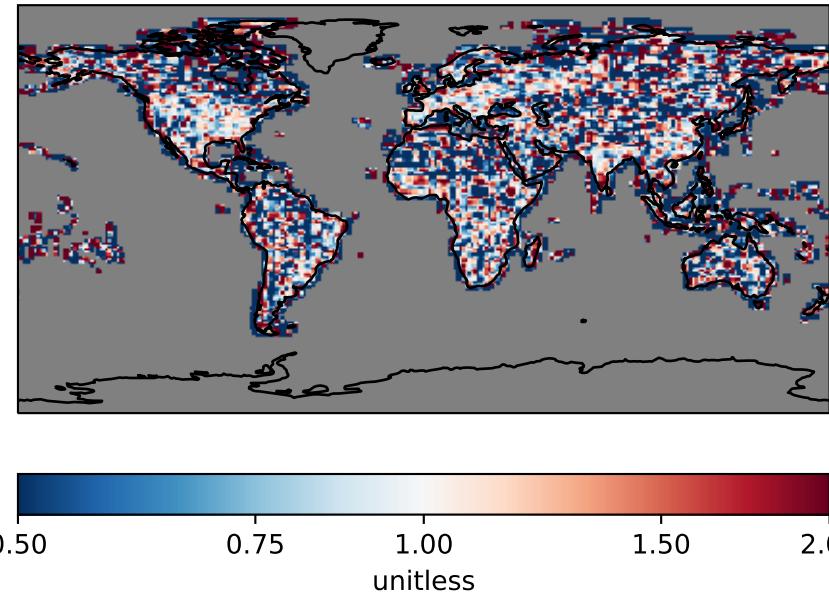
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%, 95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

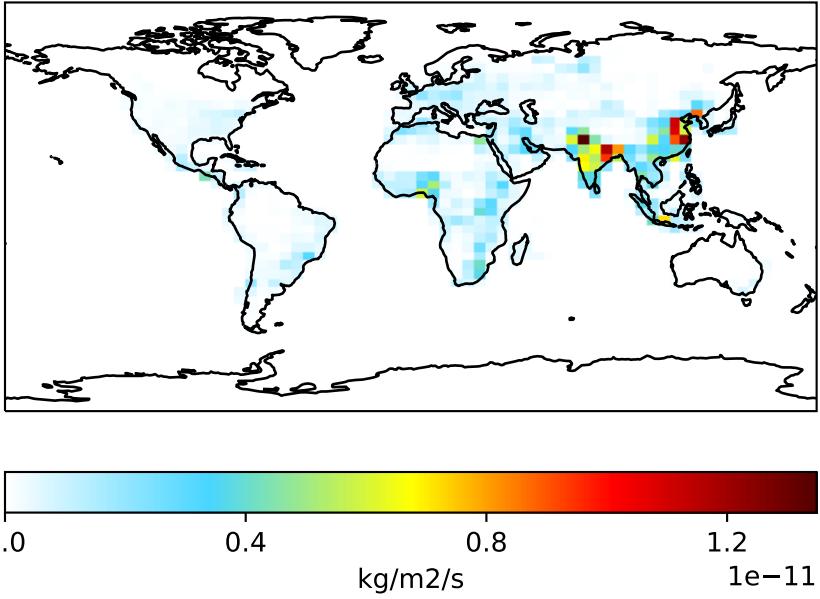


Ratio (1x1.25)  
Dev/Ref, Fixed Range

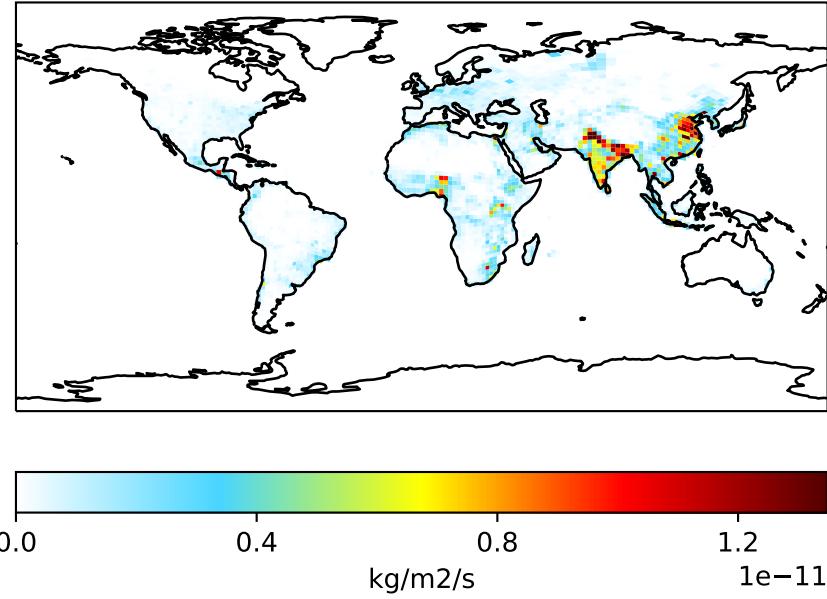


# EmisBCPO\_Anthro

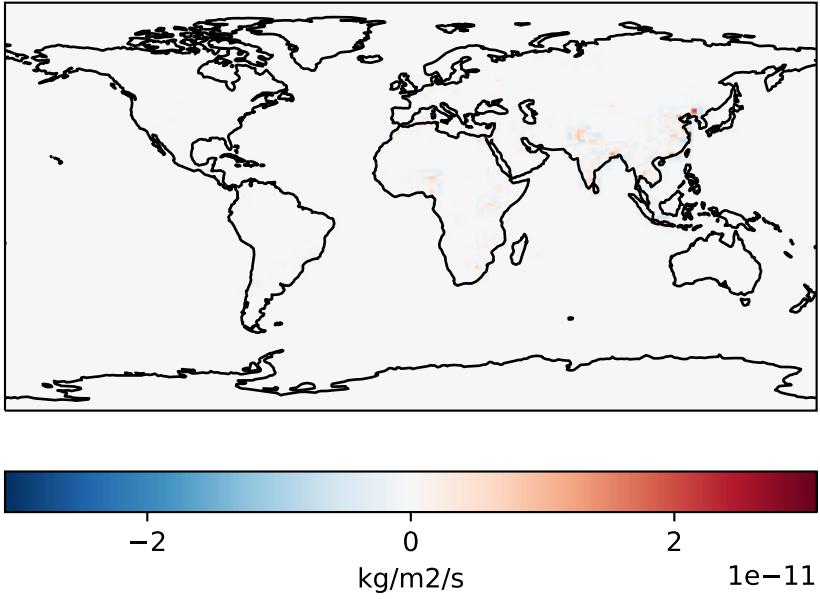
GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



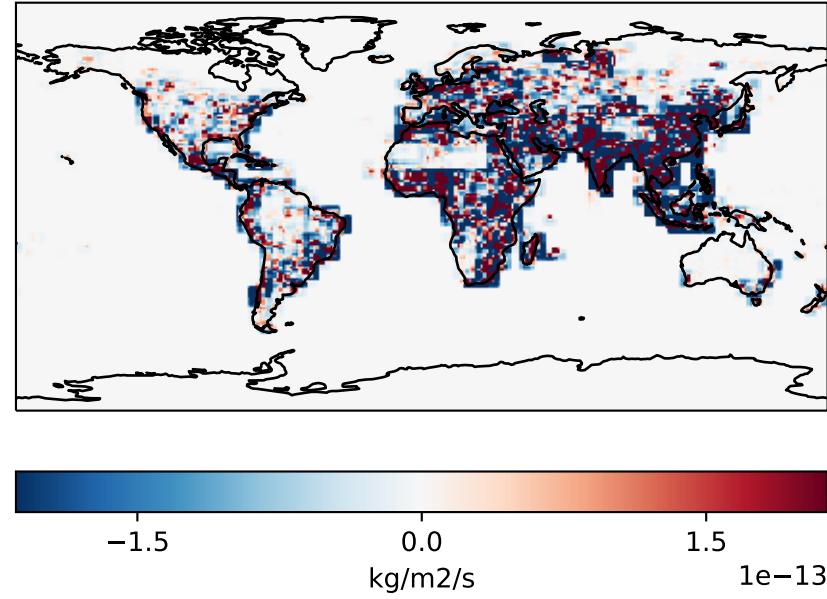
GCHP\_13.4.0-rc.4 (Dev)  
c48



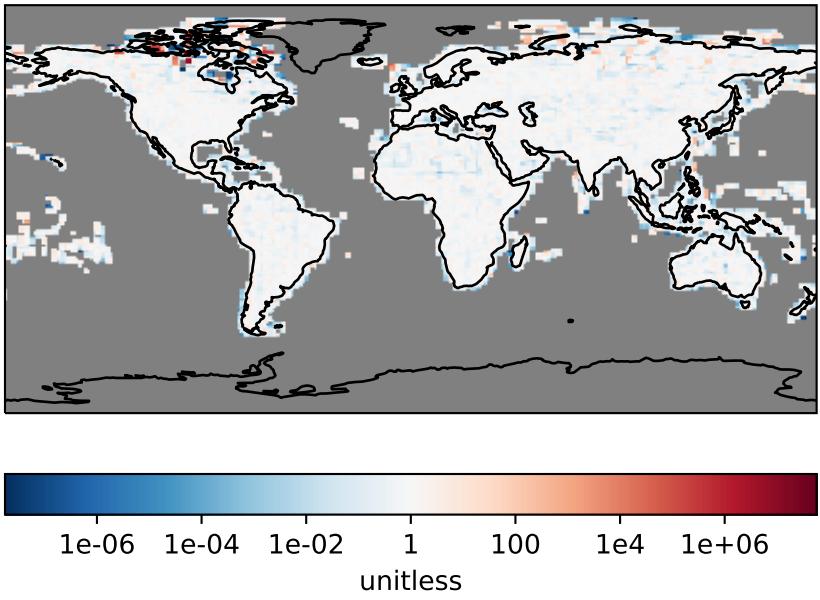
Difference (1x1.25)  
Dev - Ref, Dynamic Range



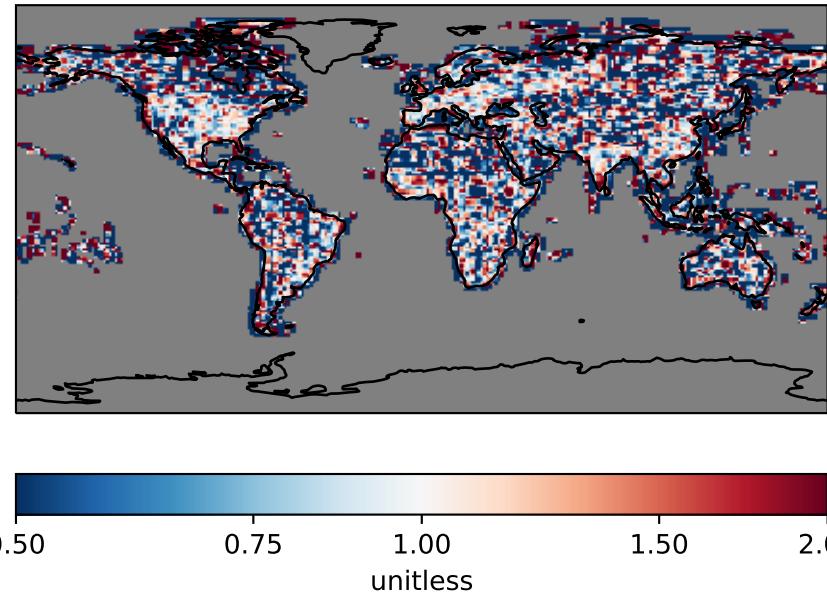
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

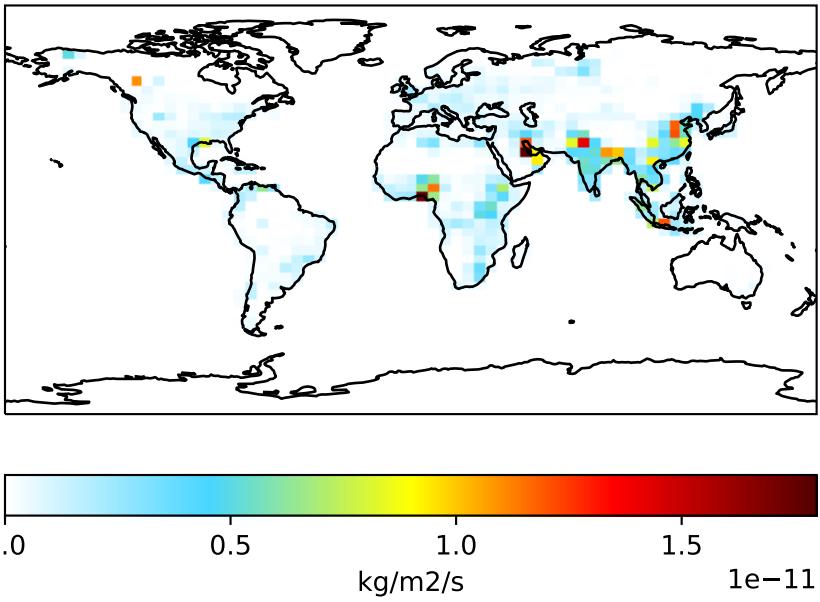


Ratio (1x1.25)  
Dev/Ref, Fixed Range

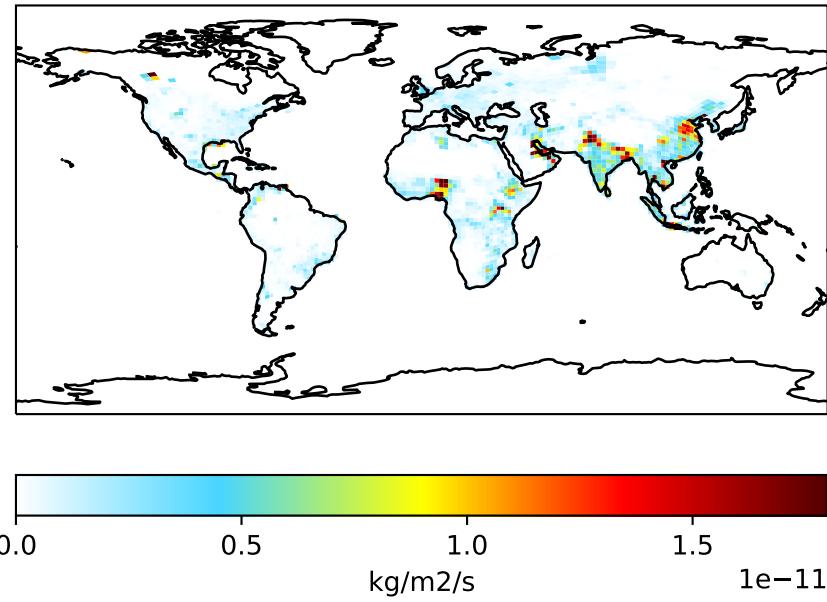


# EmisBENZ\_Anthro

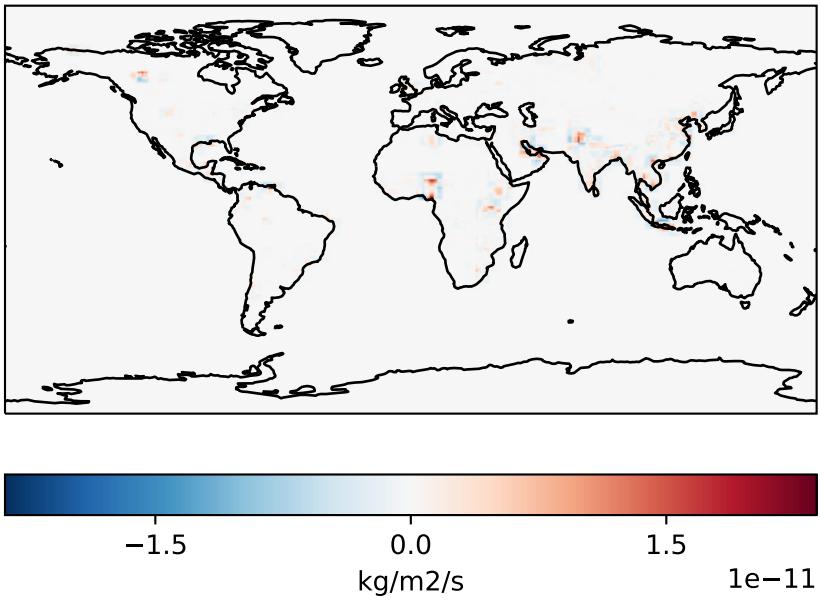
GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



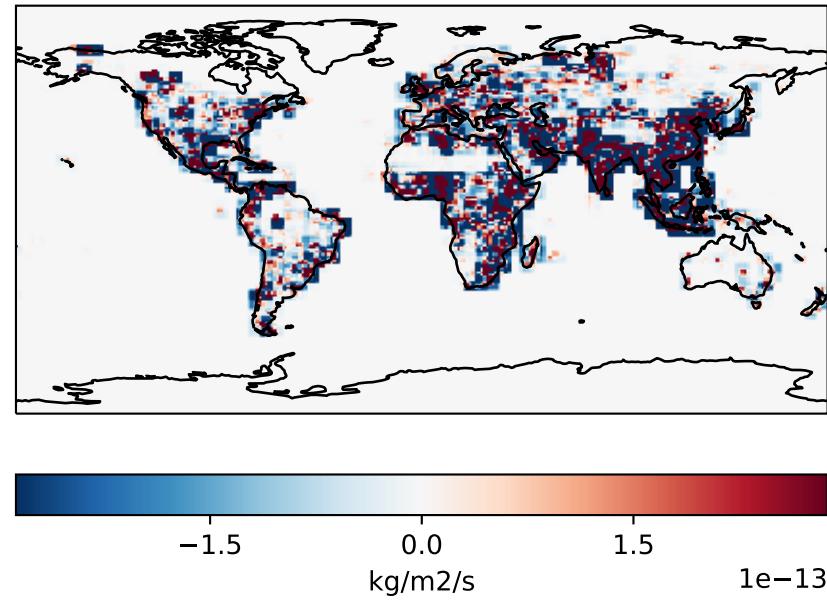
GCHP\_13.4.0-rc.4 (Dev)  
c48



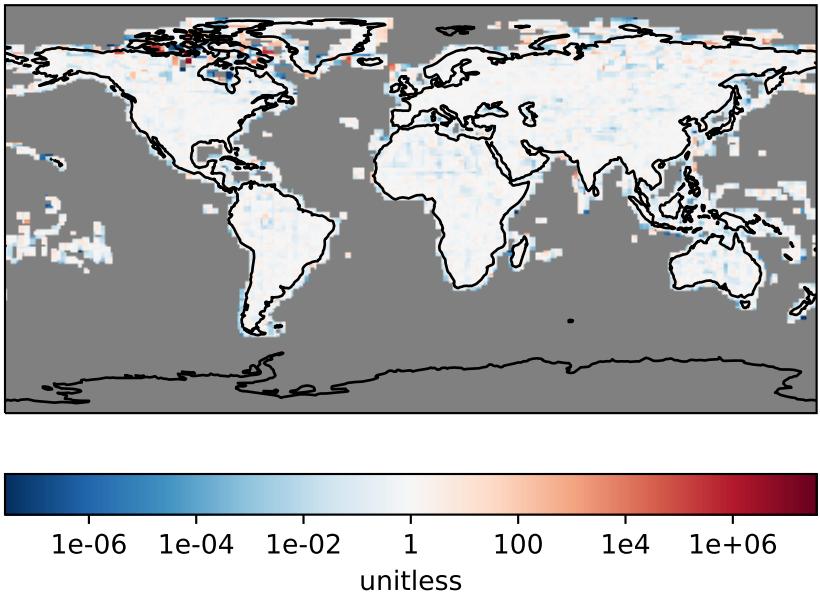
Difference (1x1.25)  
Dev - Ref, Dynamic Range



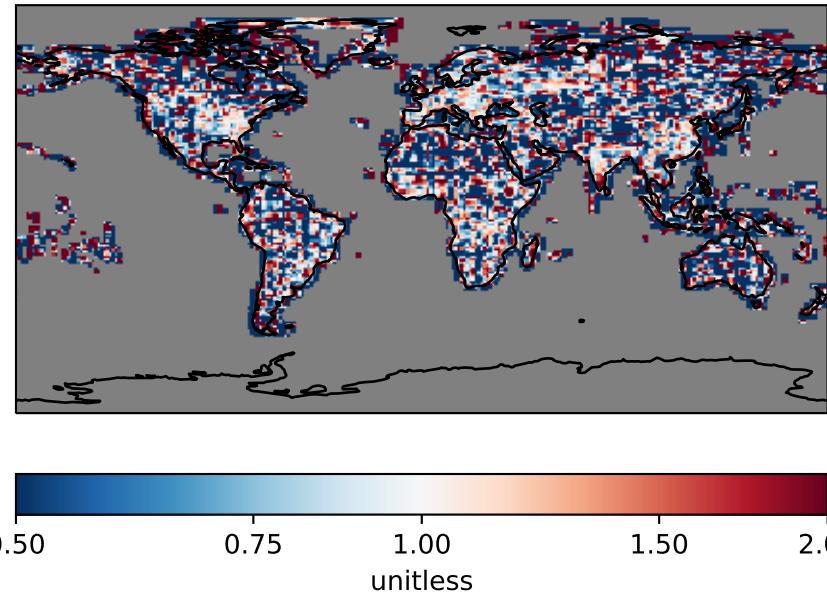
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

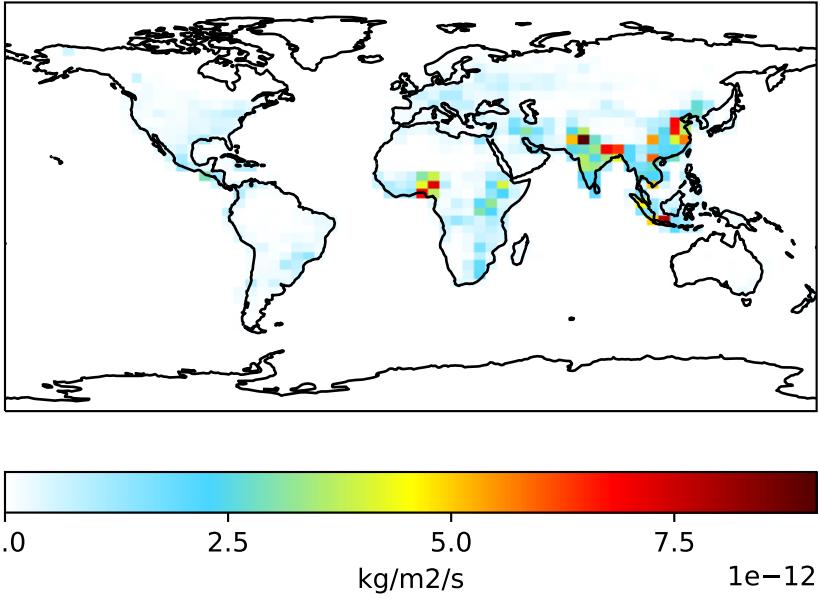


Ratio (1x1.25)  
Dev/Ref, Fixed Range

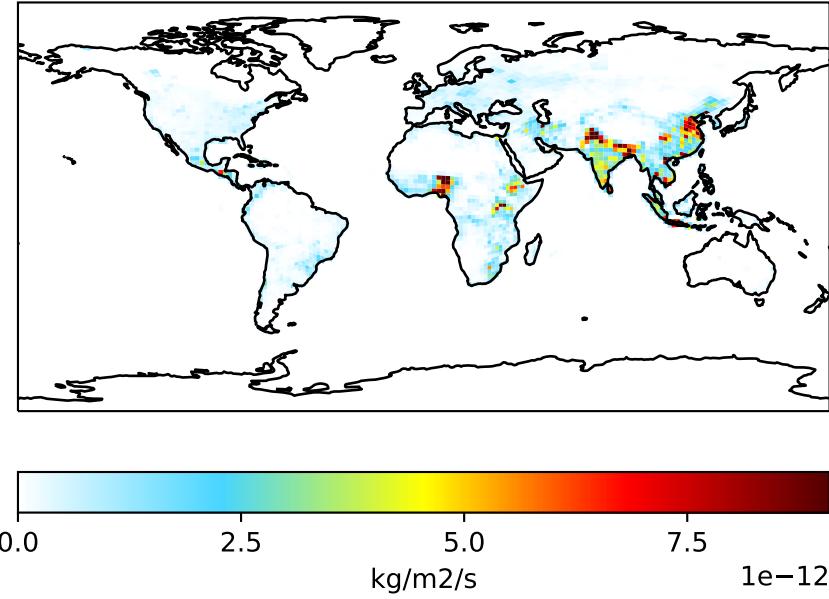


# EmisC2H2\_Anthro

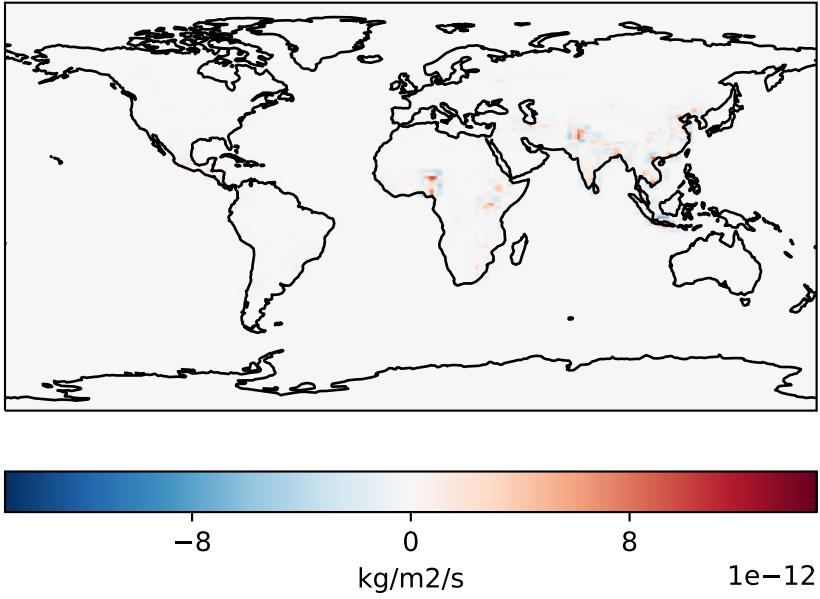
GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



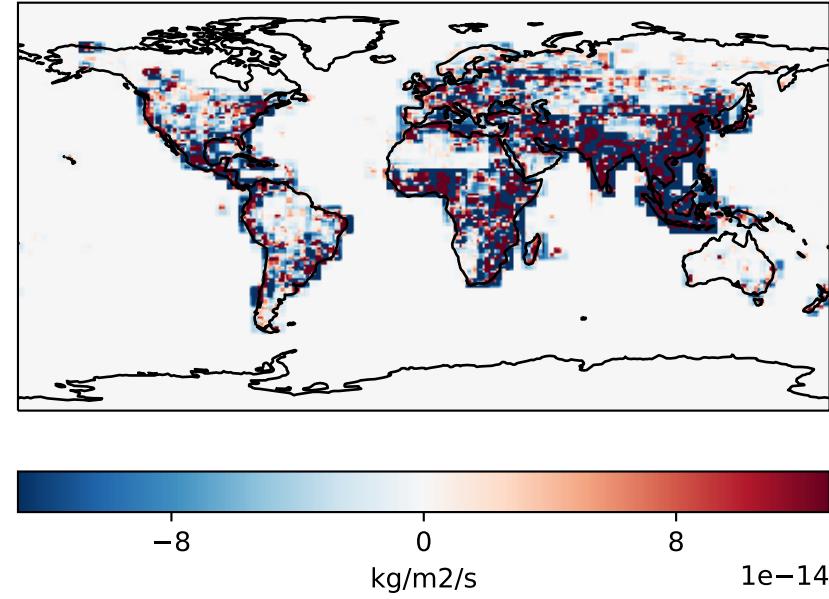
GCHP\_13.4.0-rc.4 (Dev)  
c48



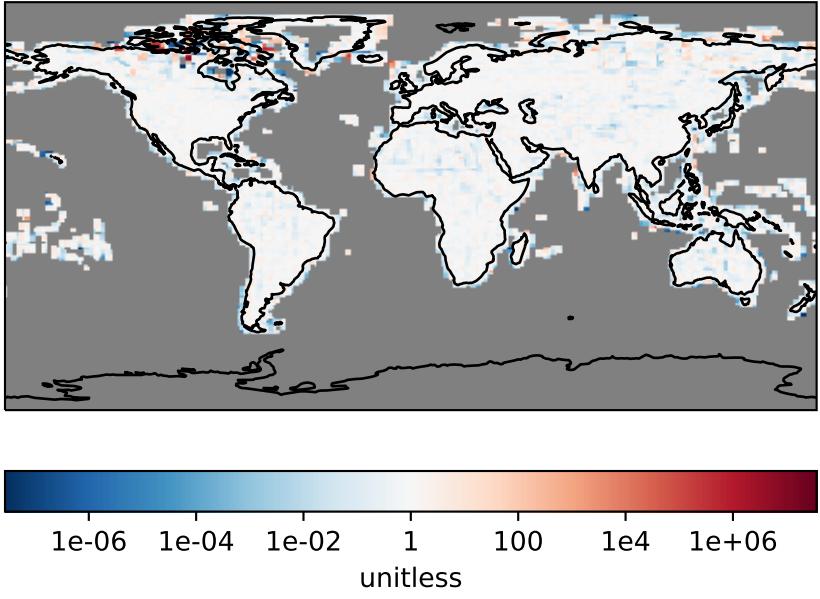
Difference (1x1.25)  
Dev - Ref, Dynamic Range



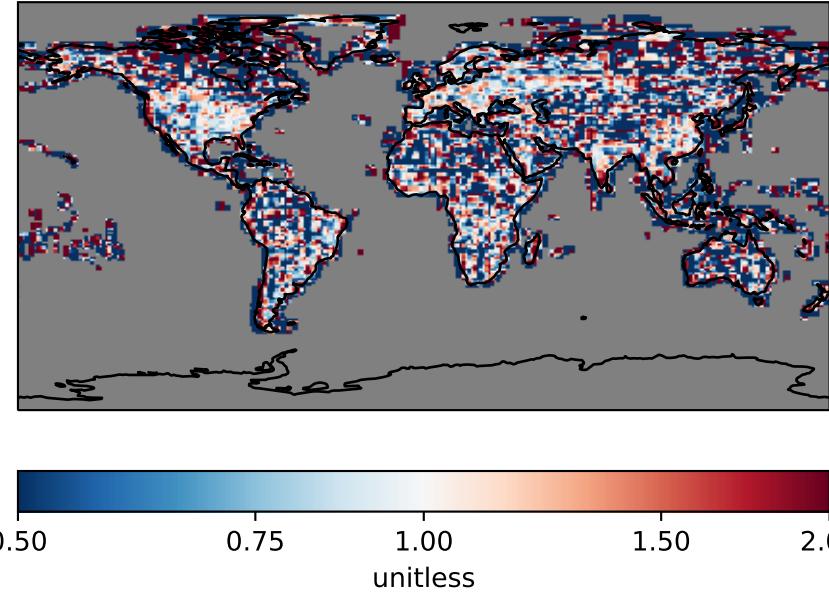
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%, 95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

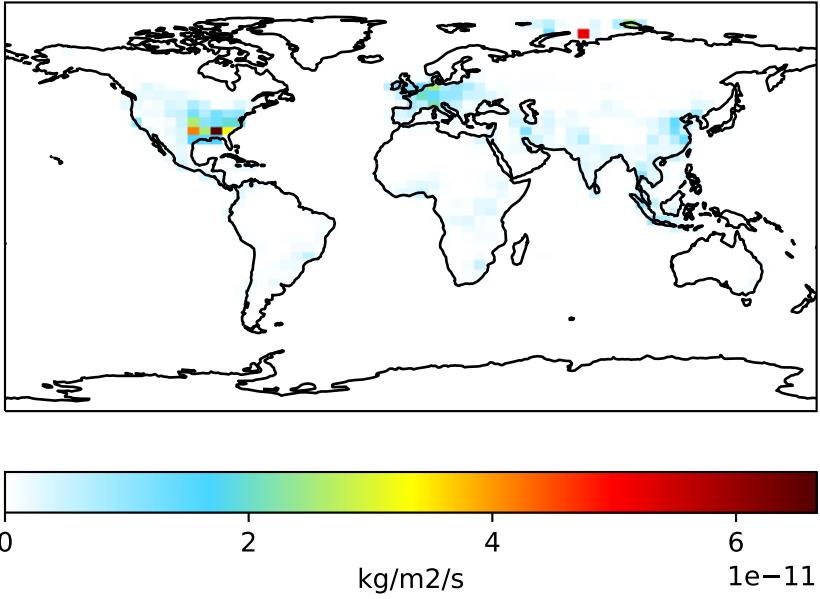


Ratio (1x1.25)  
Dev/Ref, Fixed Range

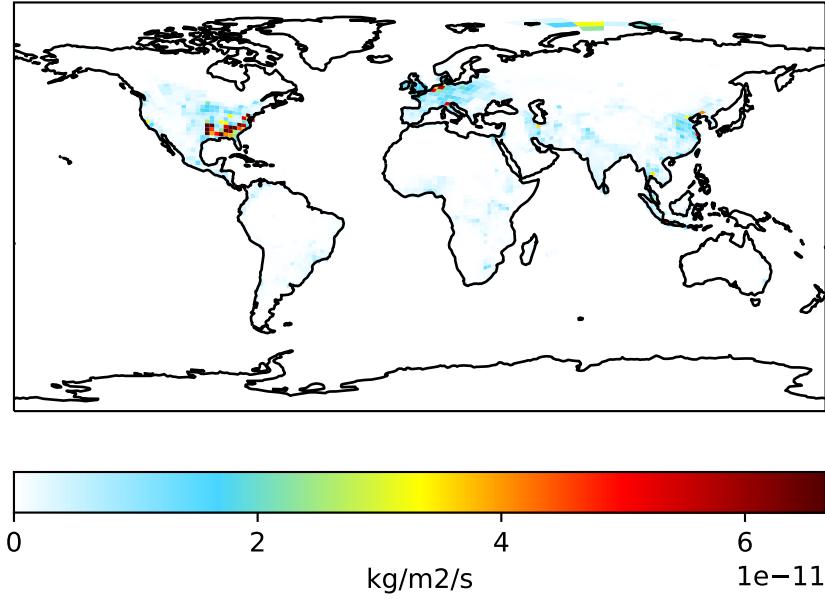


# EmisC2H4\_Anthro

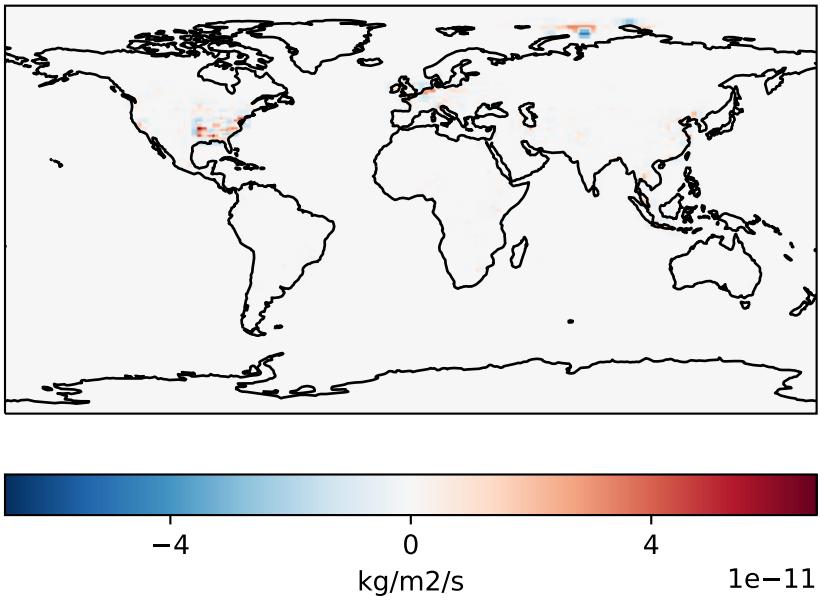
GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



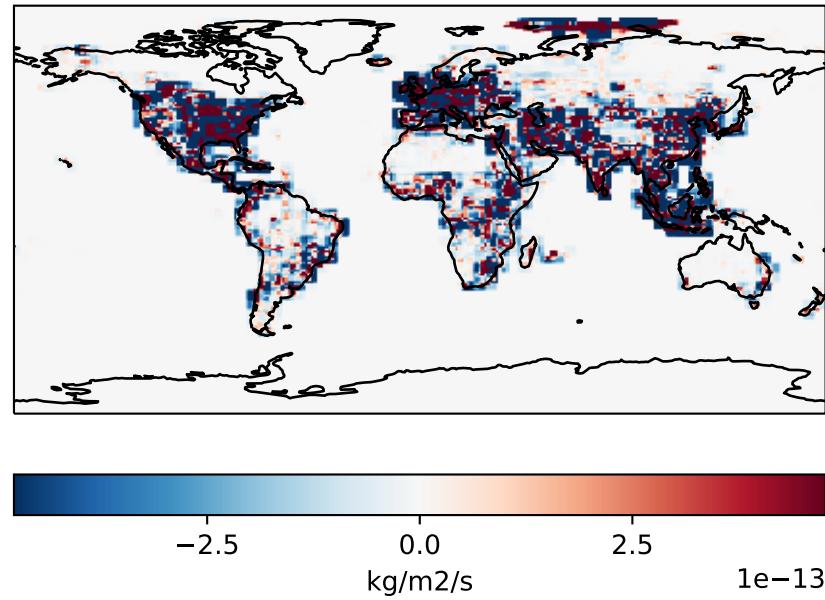
GCHP\_13.4.0-rc.4 (Dev)  
c48



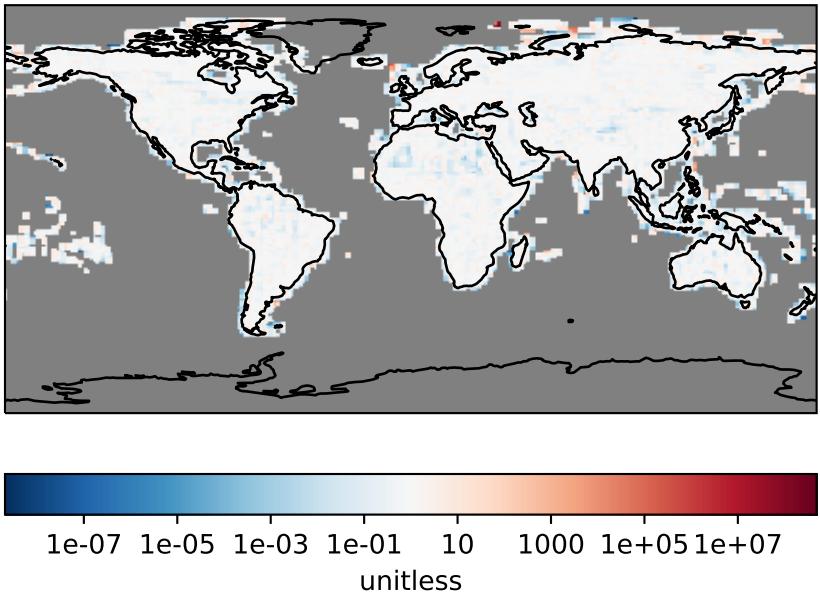
Difference (1x1.25)  
Dev - Ref, Dynamic Range



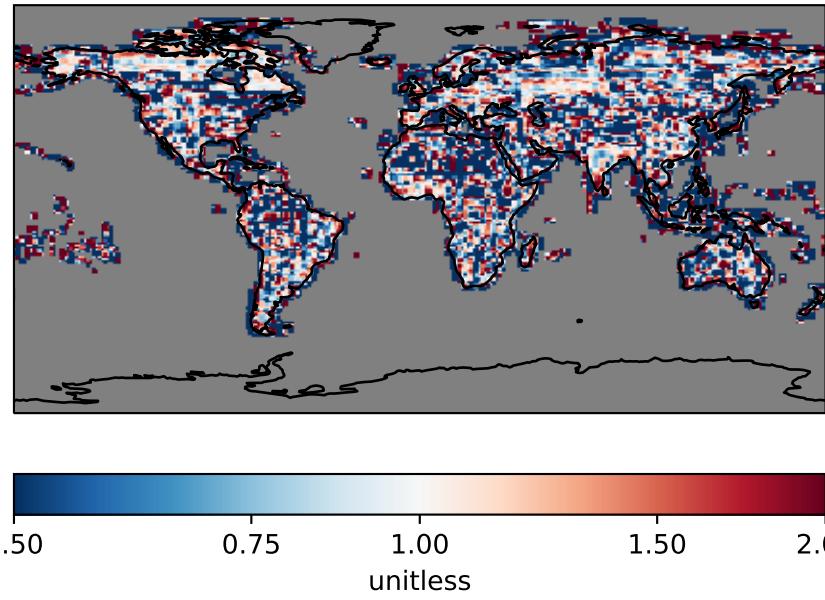
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%, 95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

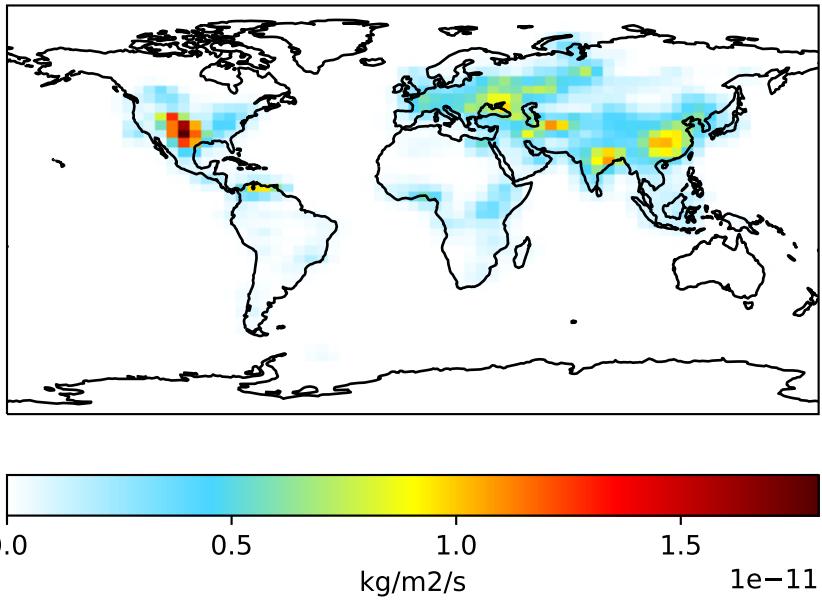


Ratio (1x1.25)  
Dev/Ref, Fixed Range

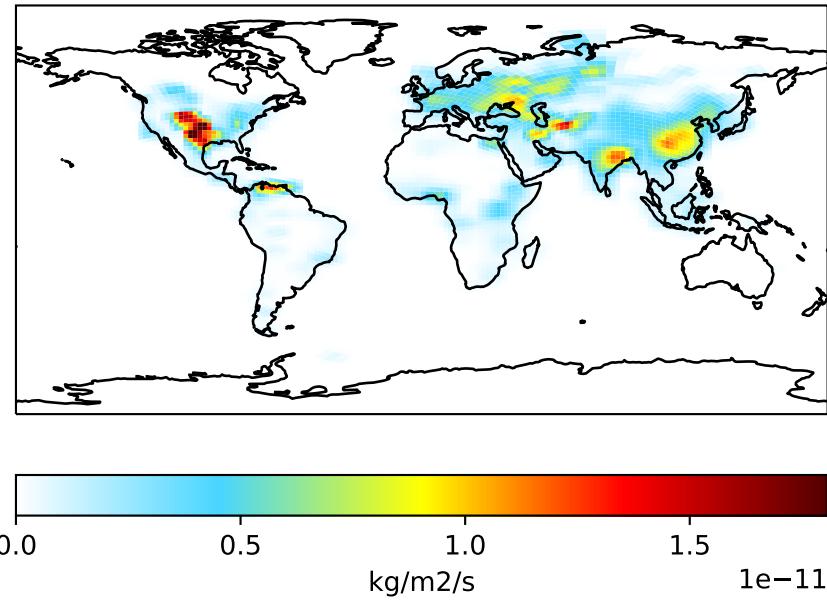


# EmisC2H6\_Anthro

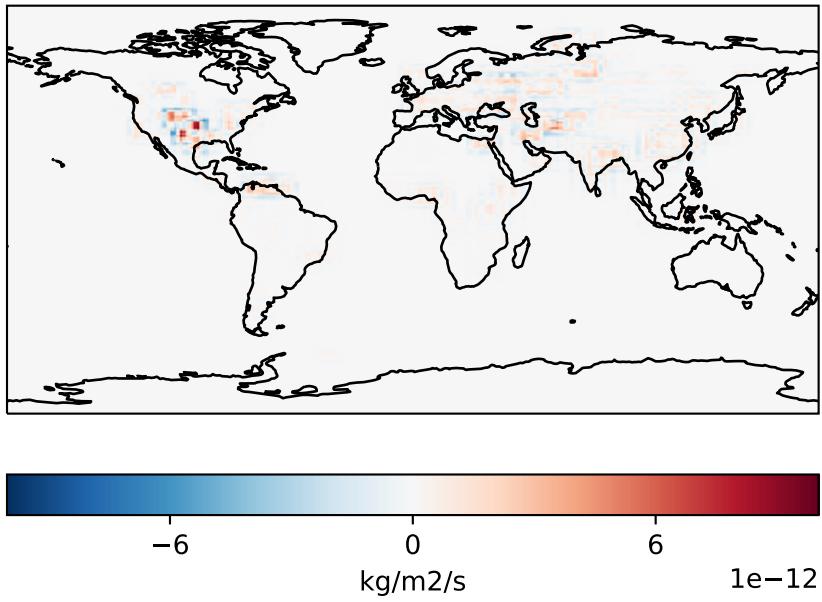
GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



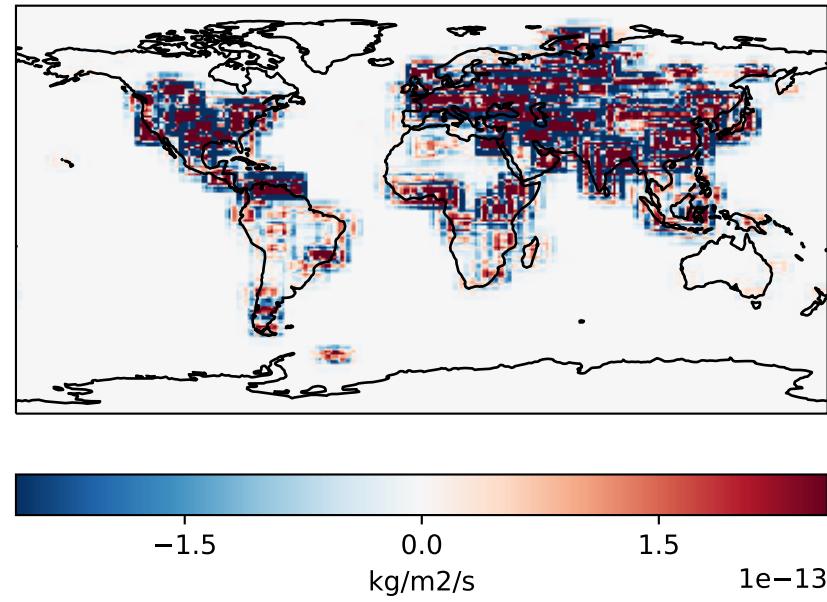
GCHP\_13.4.0-rc.4 (Dev)  
c48



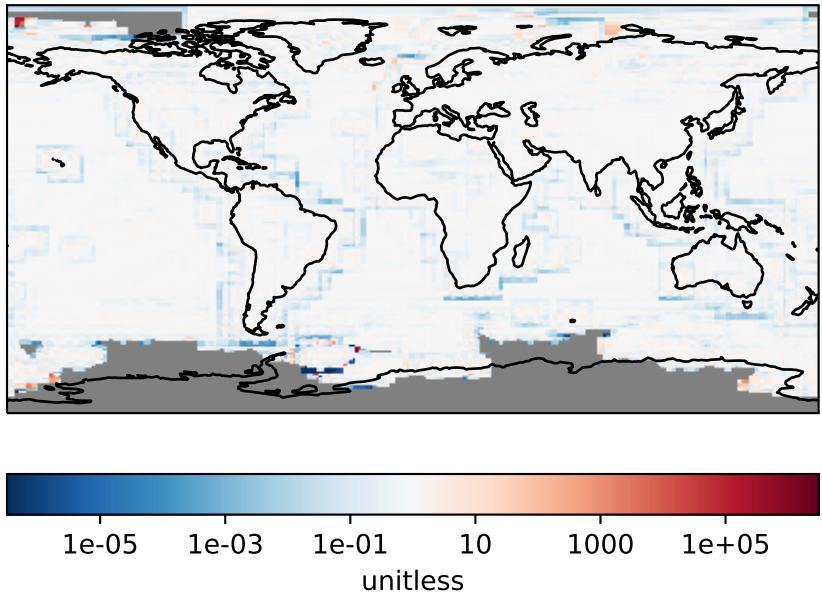
Difference (1x1.25)  
Dev - Ref, Dynamic Range



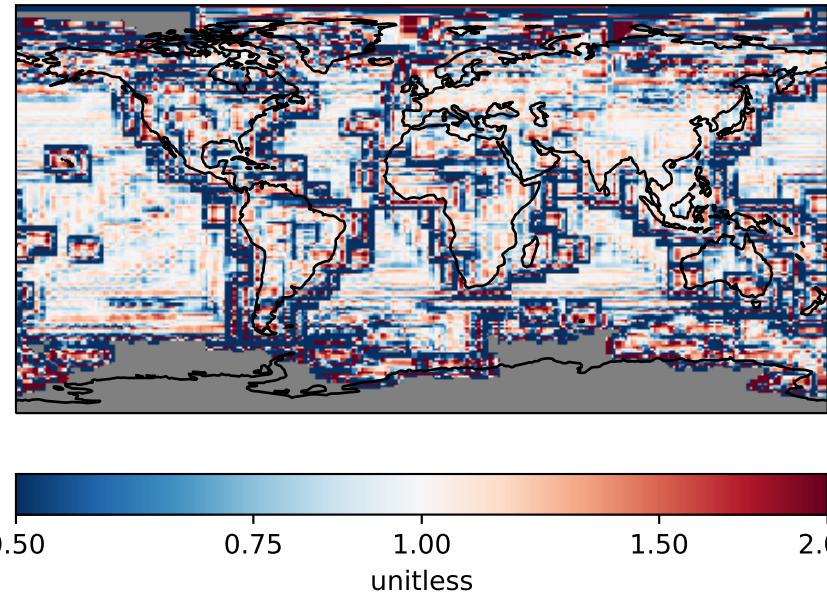
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%, 95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

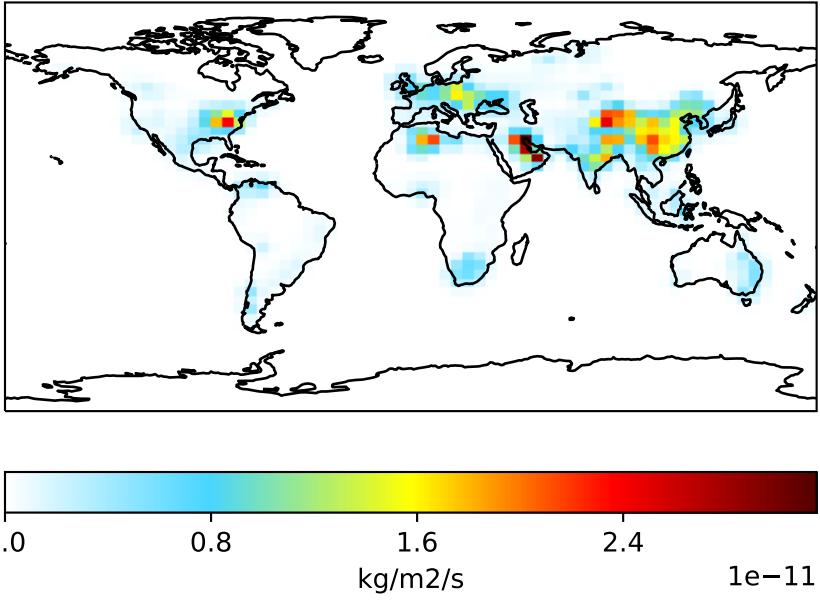


Ratio (1x1.25)  
Dev/Ref, Fixed Range

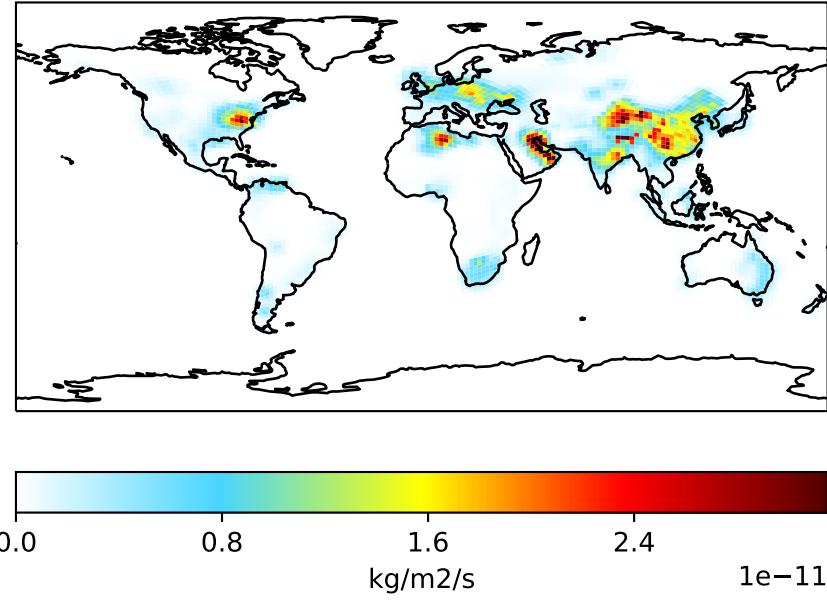


# EmisC3H8\_Anthro

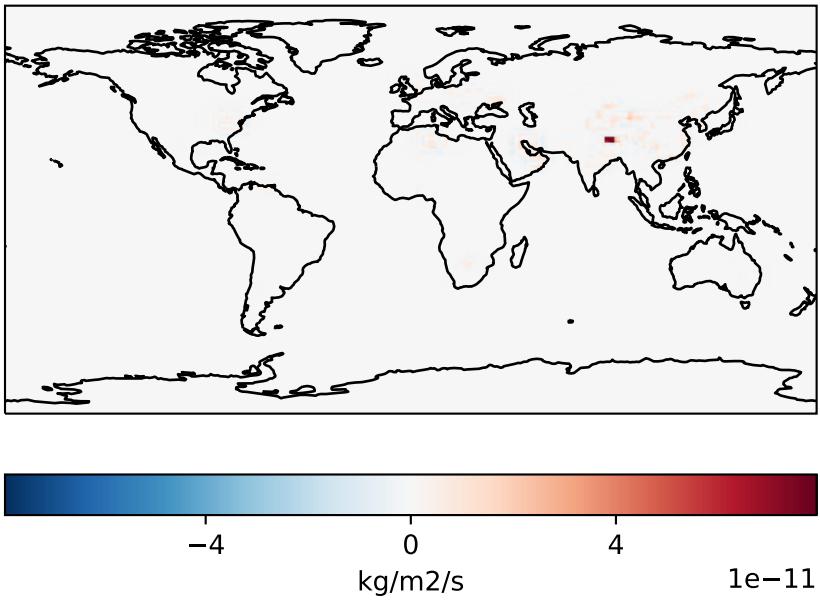
GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



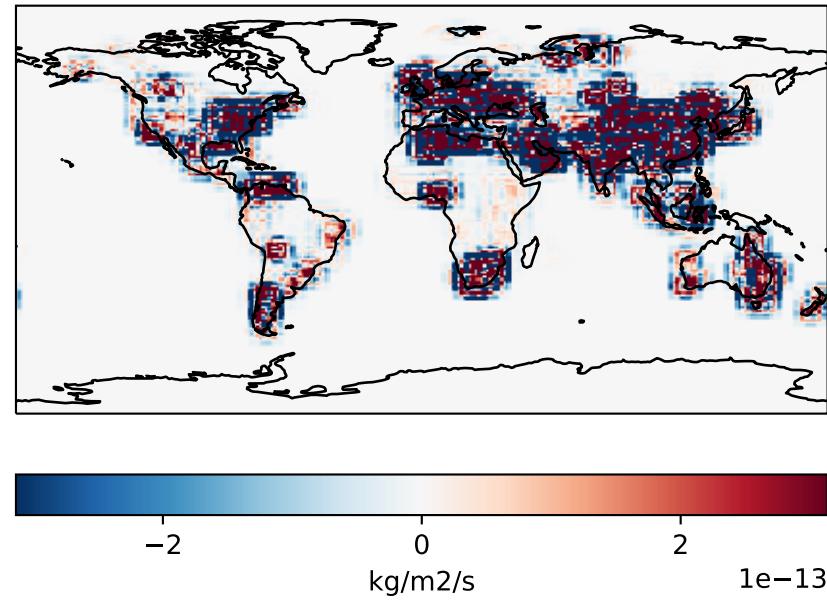
GCHP\_13.4.0-rc.4 (Dev)  
c48



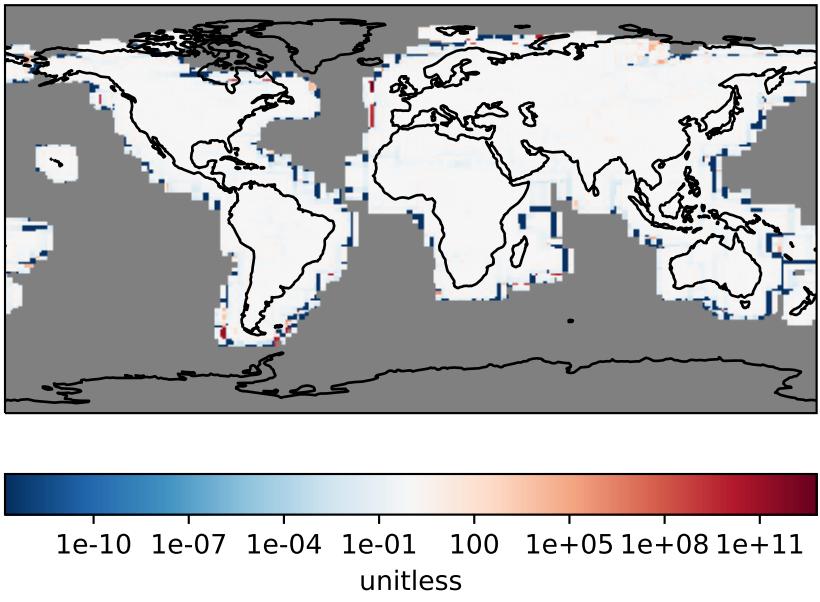
Difference (1x1.25)  
Dev - Ref, Dynamic Range



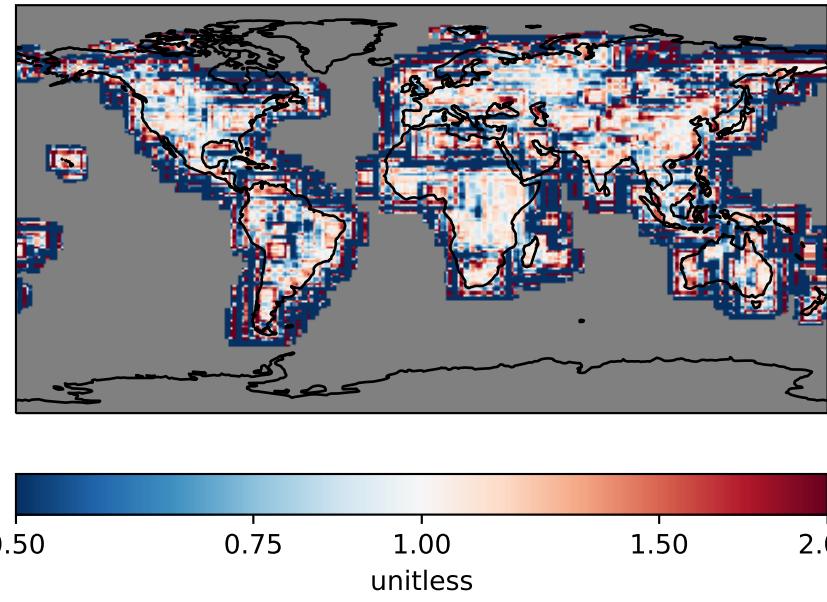
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%, 95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

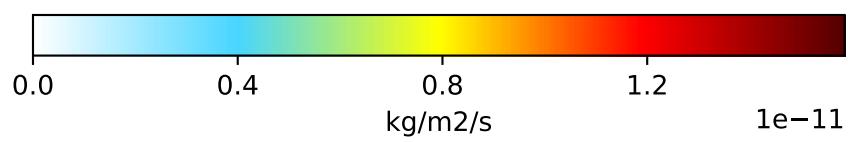
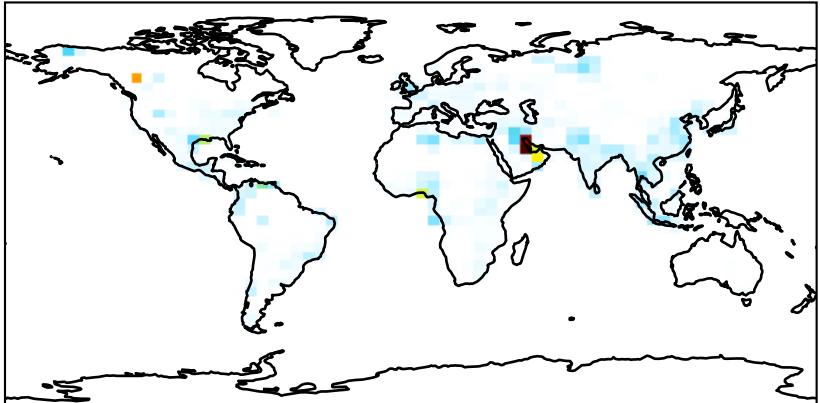


Ratio (1x1.25)  
Dev/Ref, Fixed Range

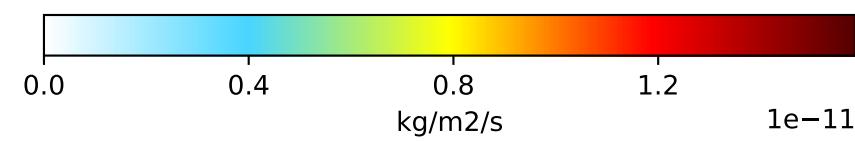
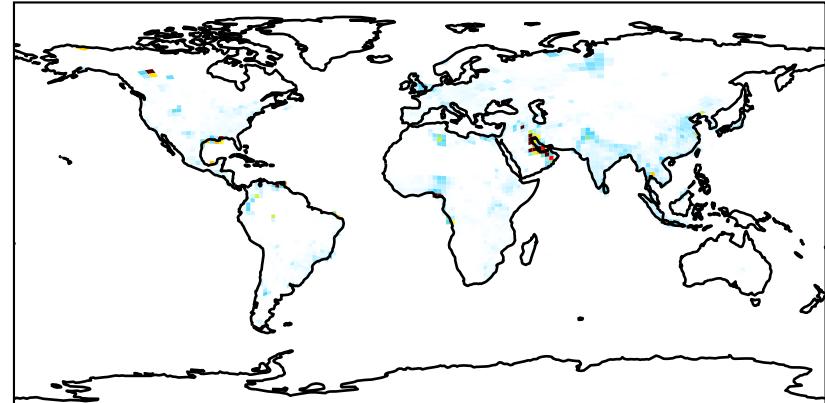


# EmisCH2O\_Anthro

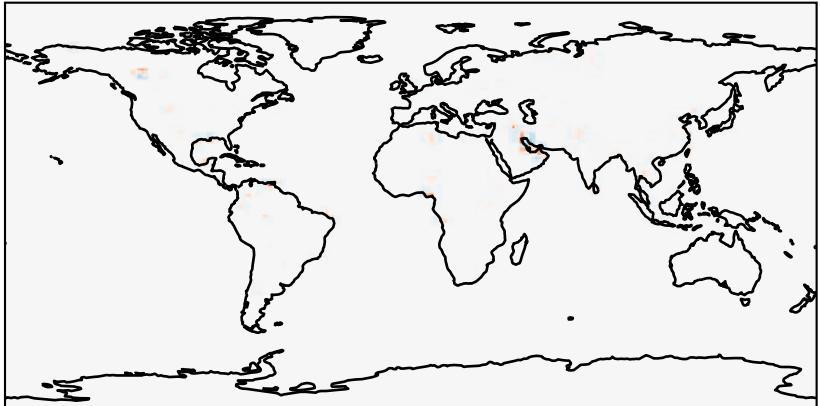
GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



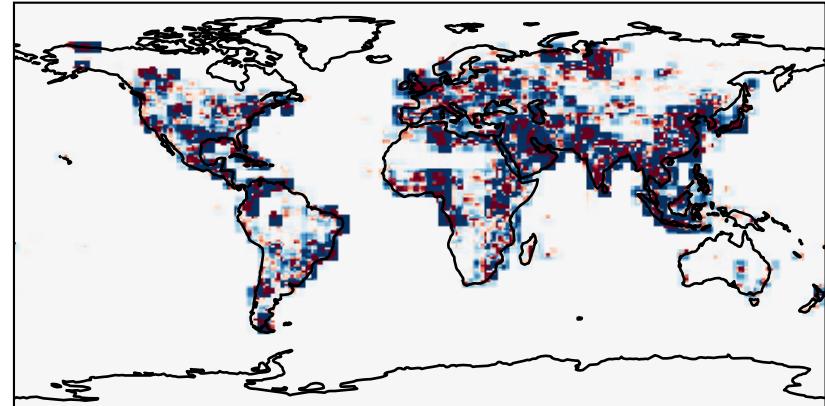
GCHP\_13.4.0-rc.4 (Dev)  
c48



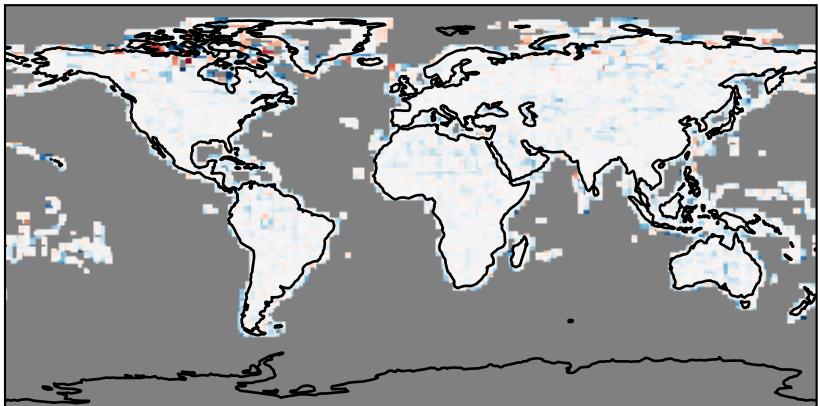
Difference (1x1.25)  
Dev - Ref, Dynamic Range



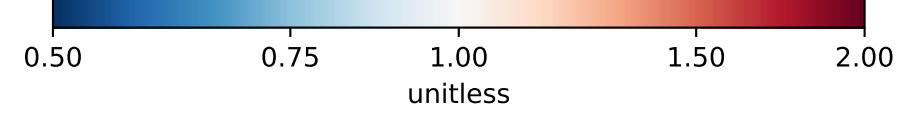
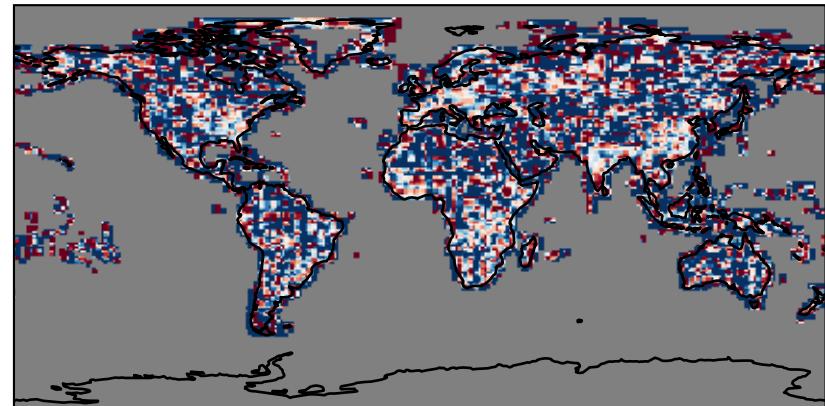
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%, 95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

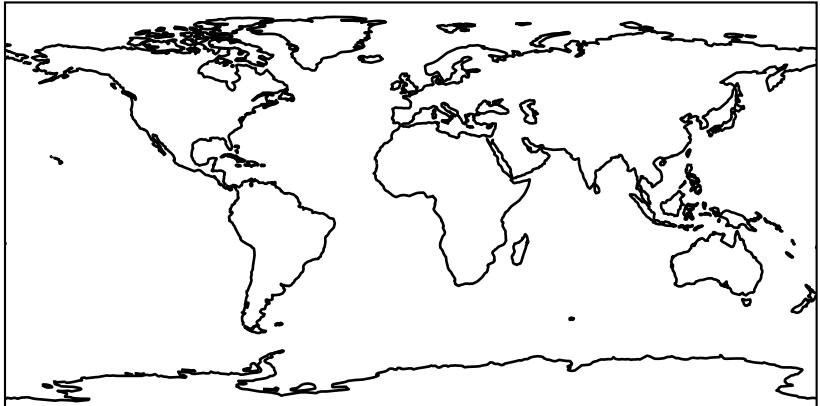


Ratio (1x1.25)  
Dev/Ref, Fixed Range



# EmisCO2\_Anthro

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



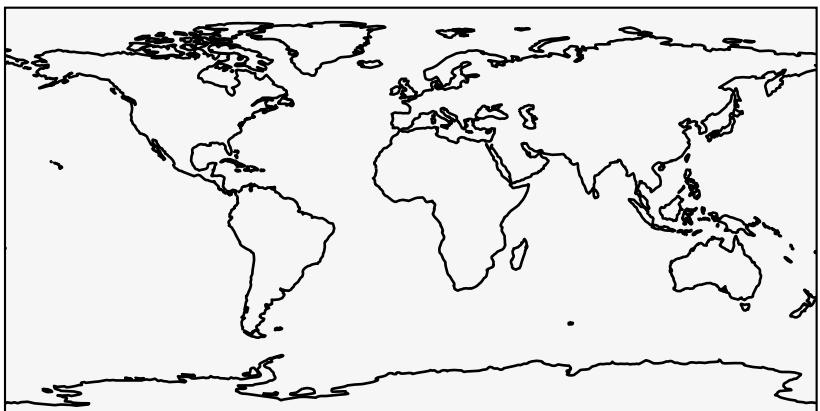
Zero throughout domain  
kg/m<sup>2</sup>/s

GCHP\_13.4.0-rc.4 (Dev)  
c48



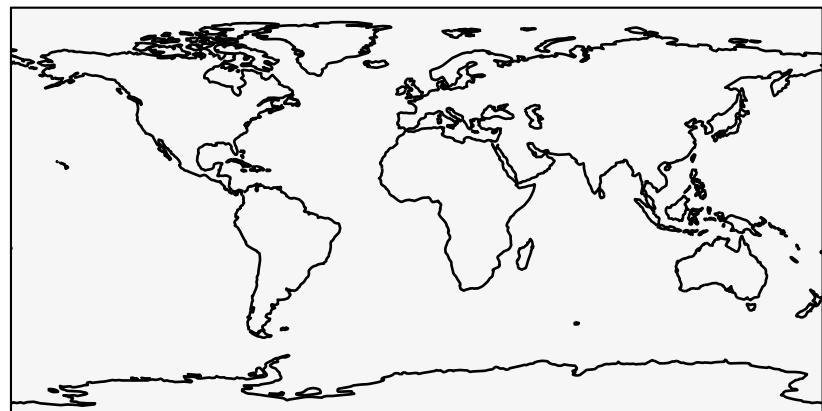
Zero throughout domain  
kg/m<sup>2</sup>/s

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



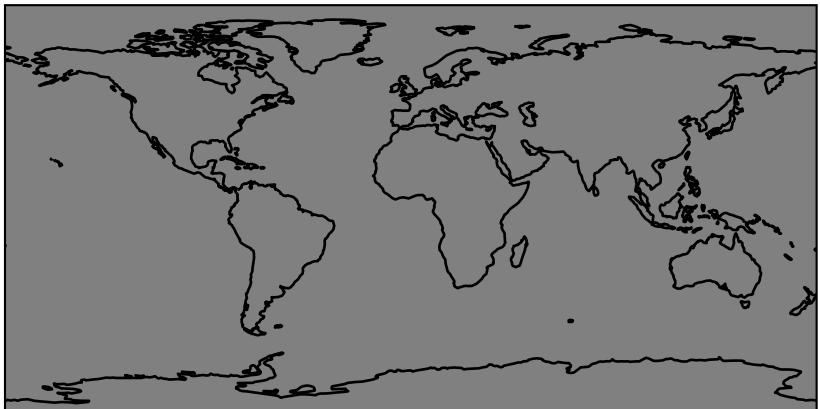
Zero throughout domain  
kg/m<sup>2</sup>/s

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



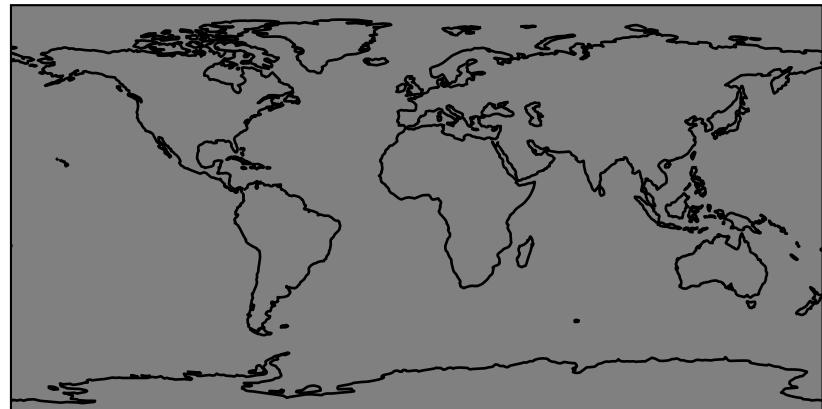
Zero throughout domain  
kg/m<sup>2</sup>/s

Ratio (1x1.25)  
Dev/Ref, Dynamic Range



Undefined throughout domain  
unitless

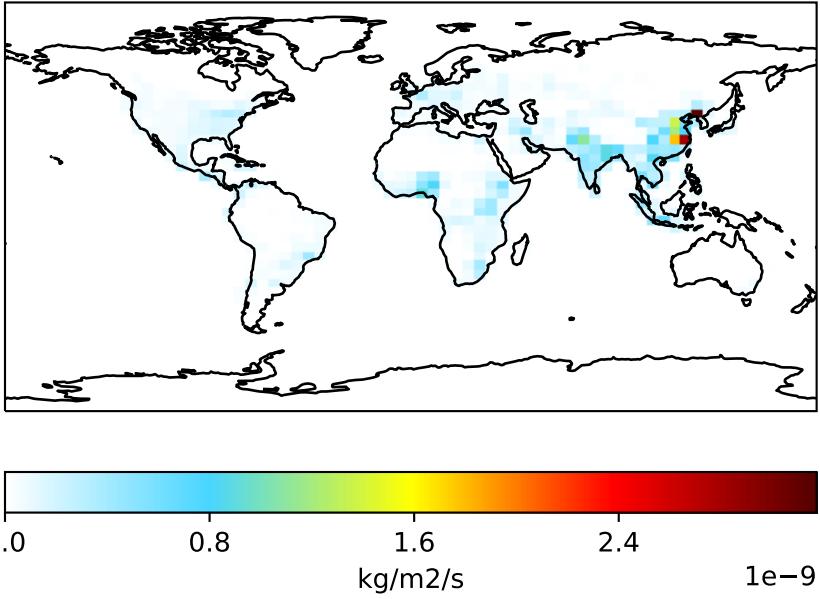
Ratio (1x1.25)  
Dev/Ref, Fixed Range



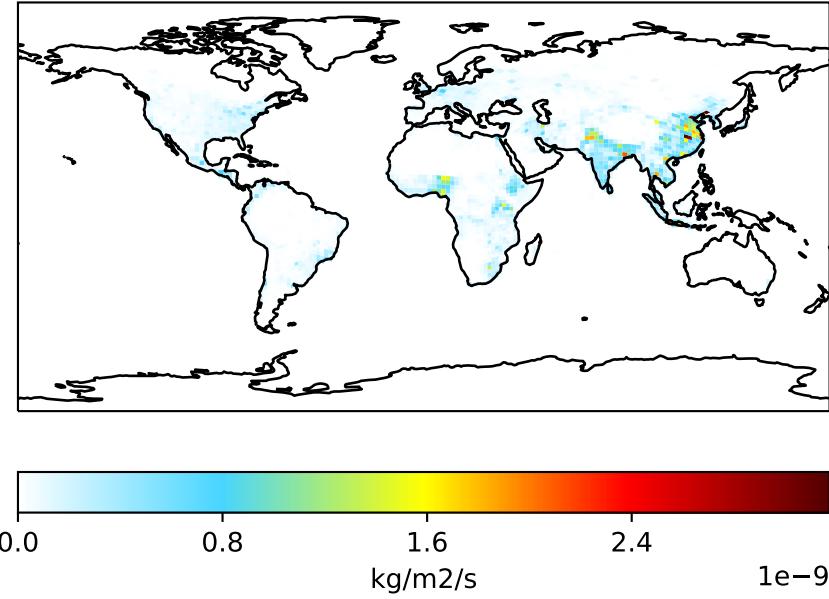
Undefined throughout domain  
unitless

# EmisCO\_Anthro

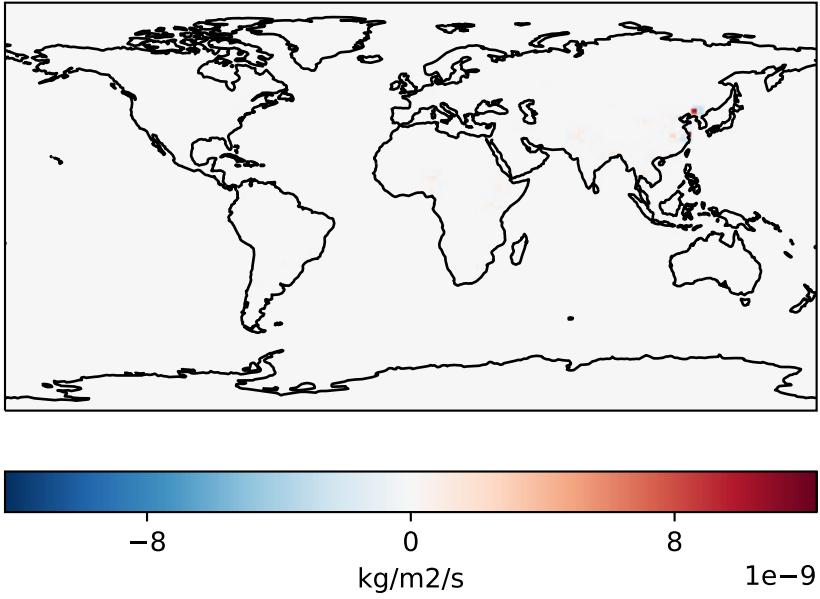
GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



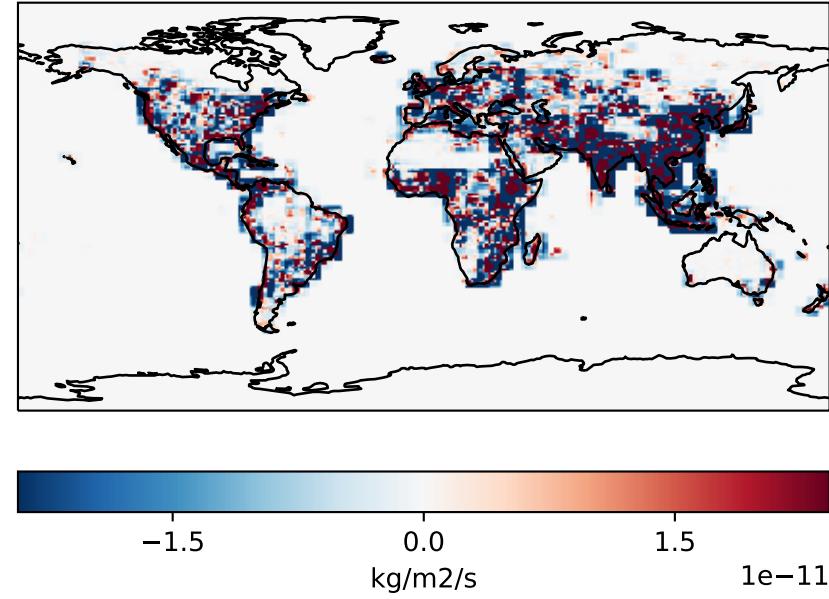
GCHP\_13.4.0-rc.4 (Dev)  
c48



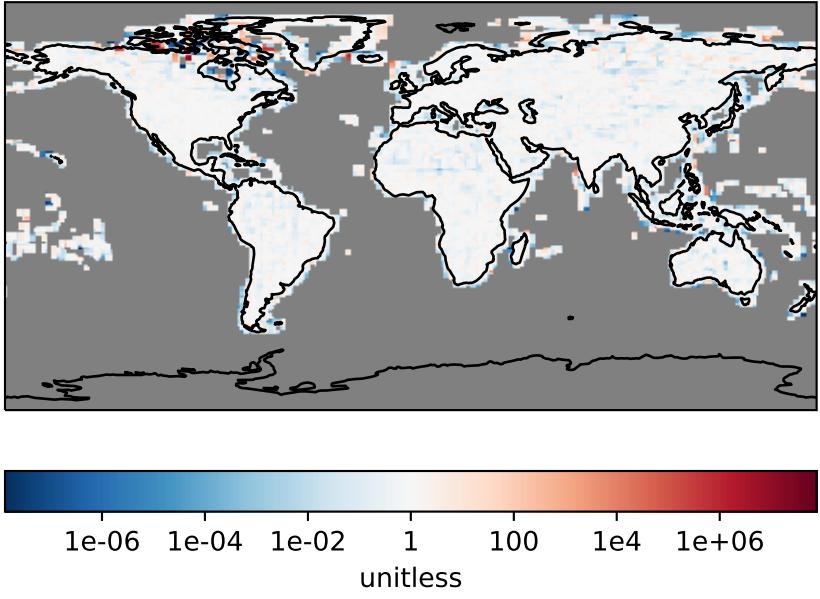
Difference (1x1.25)  
Dev - Ref, Dynamic Range



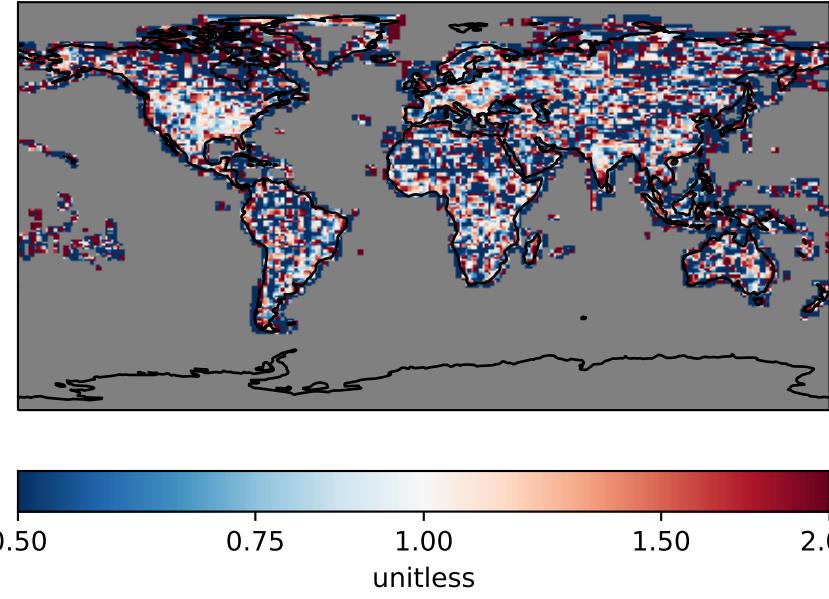
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%, 95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

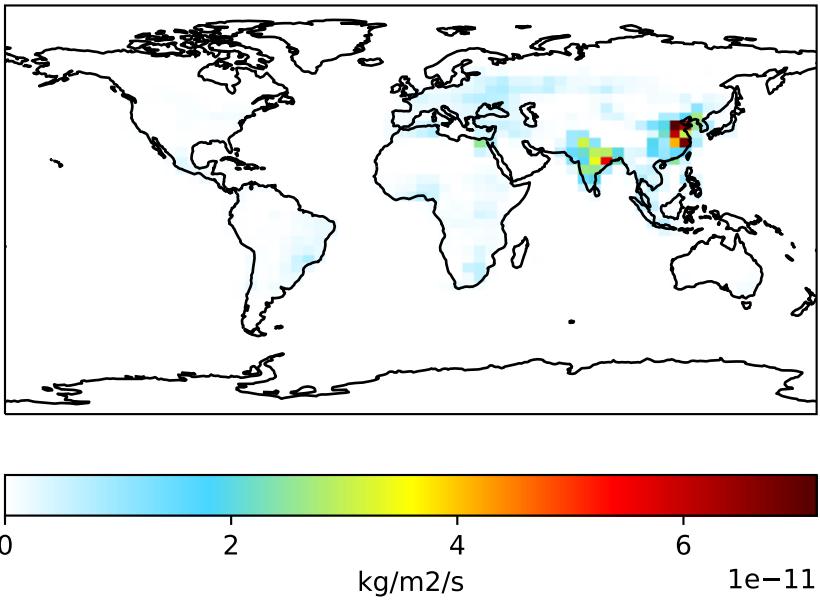


Ratio (1x1.25)  
Dev/Ref, Fixed Range

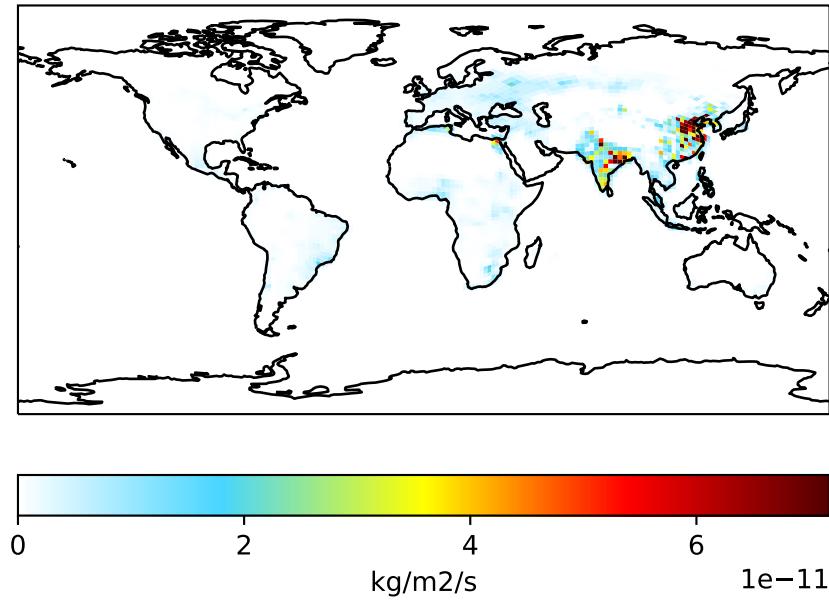


# EmisDST1\_Anthro

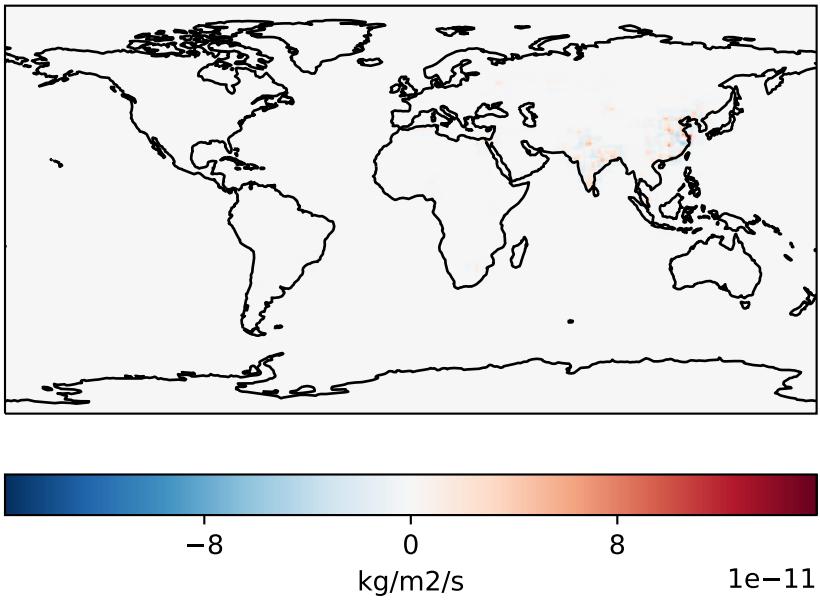
GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



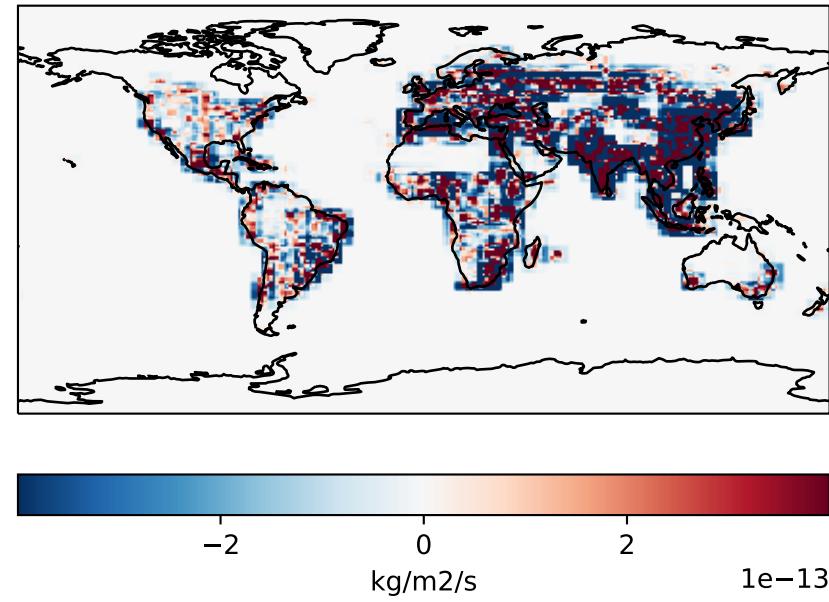
GCHP\_13.4.0-rc.4 (Dev)  
c48



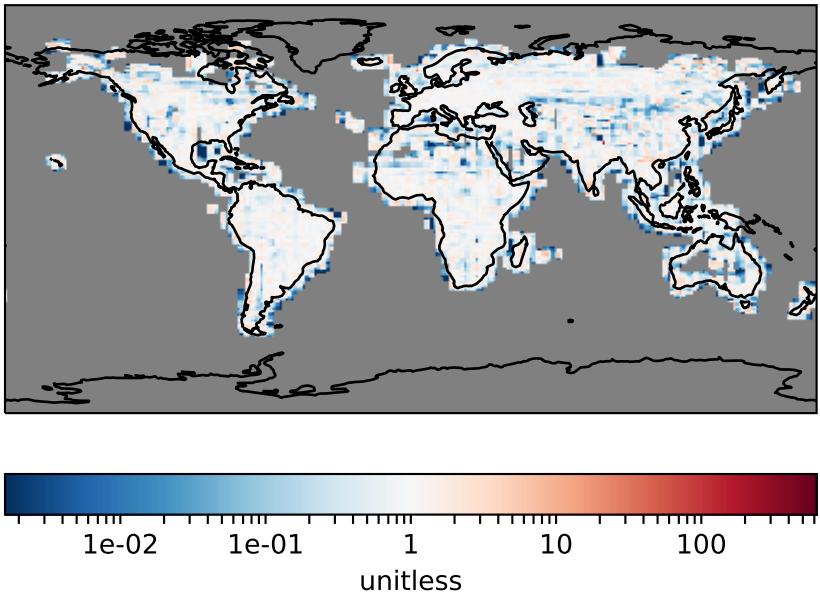
Difference (1x1.25)  
Dev - Ref, Dynamic Range



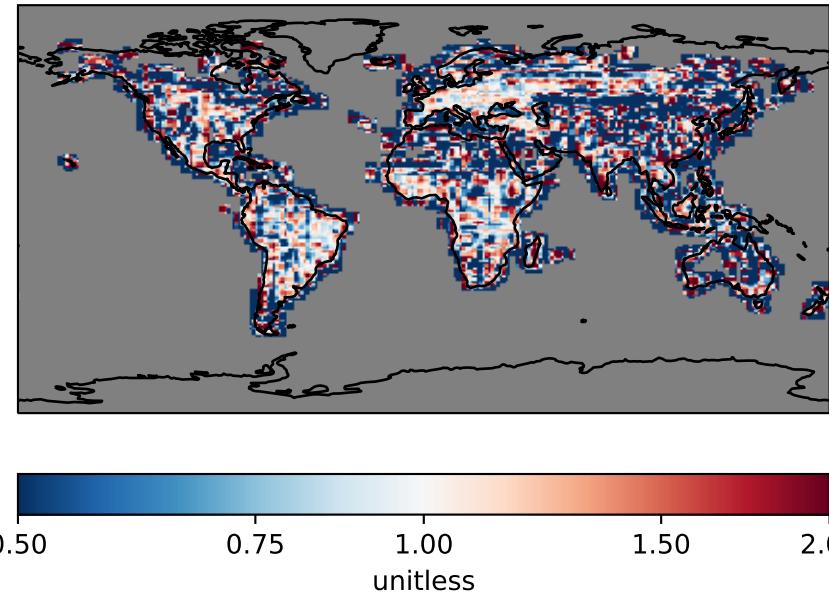
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

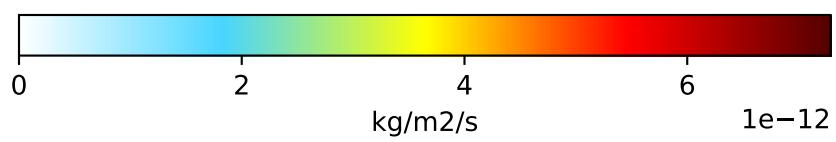
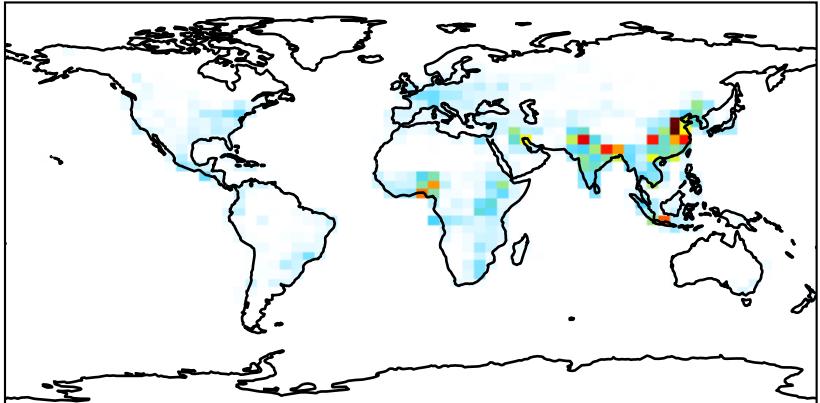


Ratio (1x1.25)  
Dev/Ref, Fixed Range

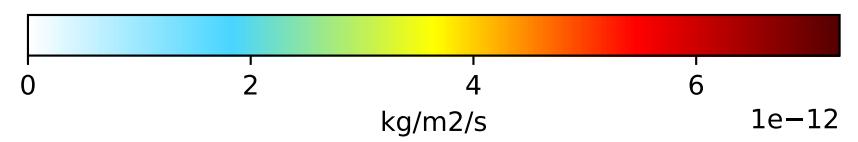
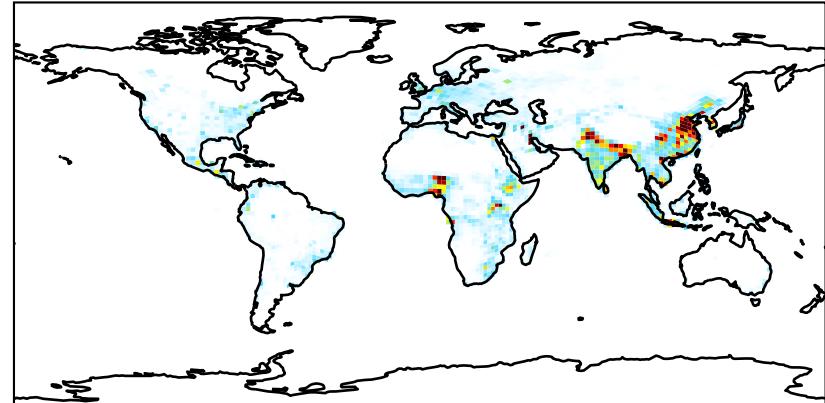


# EmisEOH\_Anthro

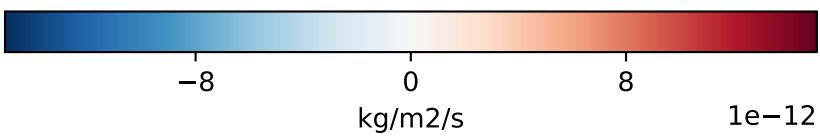
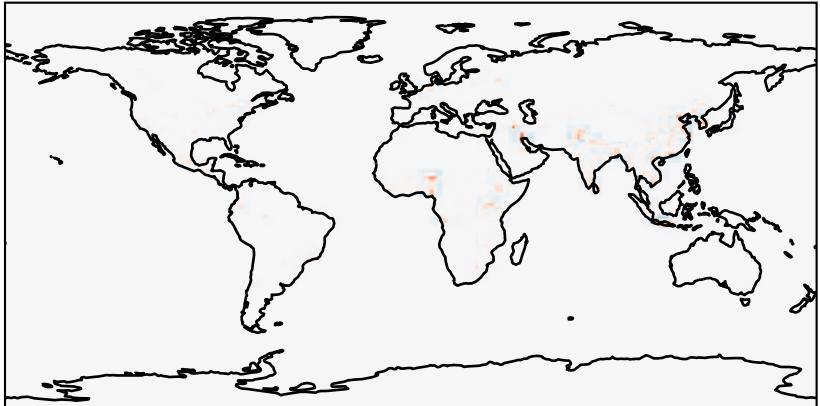
GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



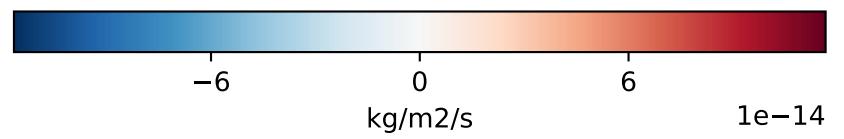
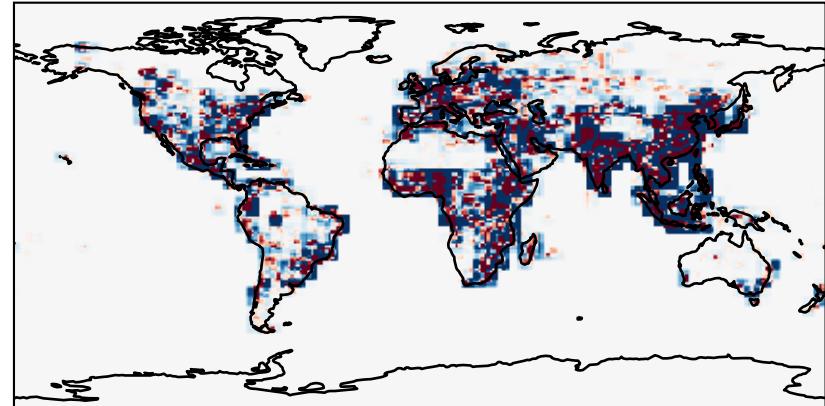
GCHP\_13.4.0-rc.4 (Dev)  
c48



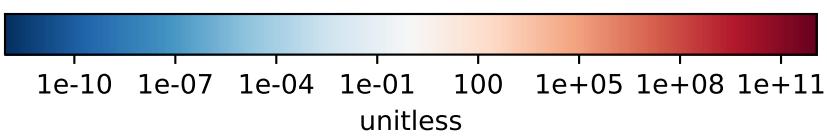
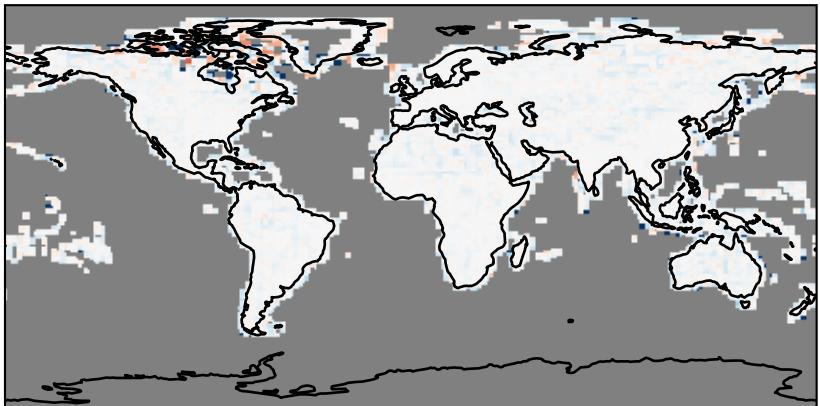
Difference (1x1.25)  
Dev - Ref, Dynamic Range



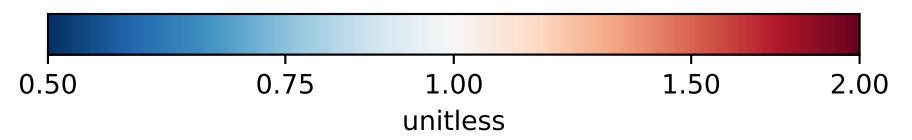
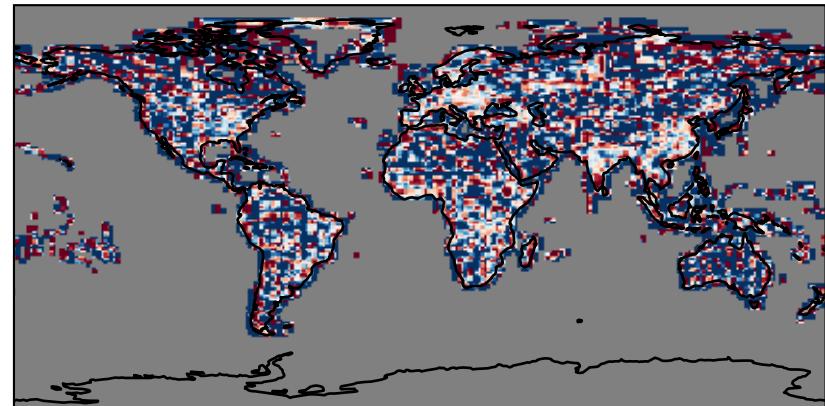
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

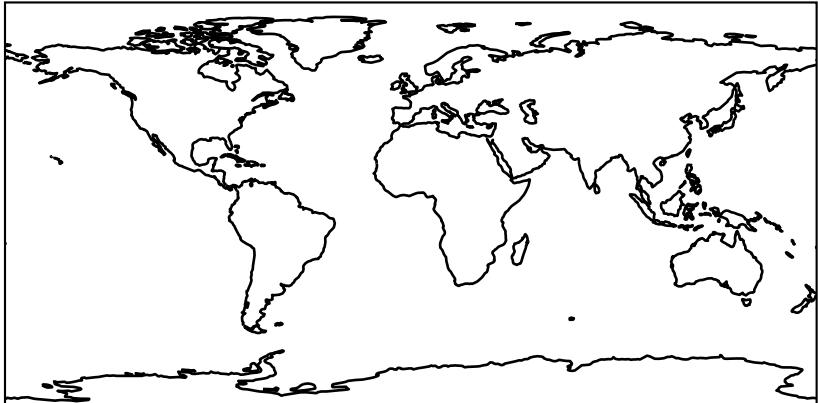


Ratio (1x1.25)  
Dev/Ref, Fixed Range



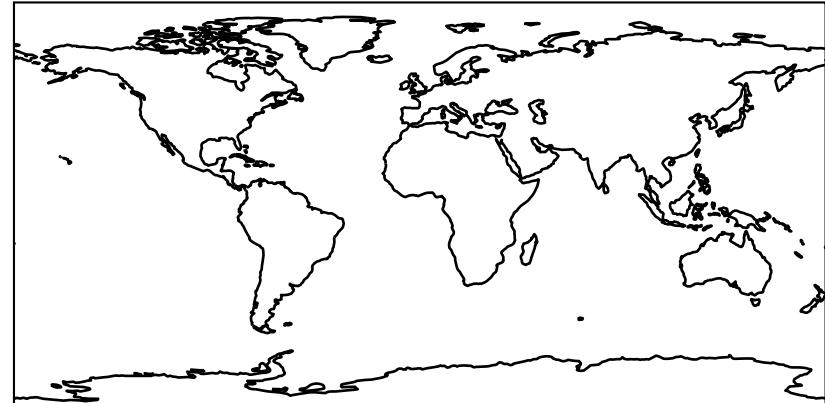
# EmisGLYC\_Anthro

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



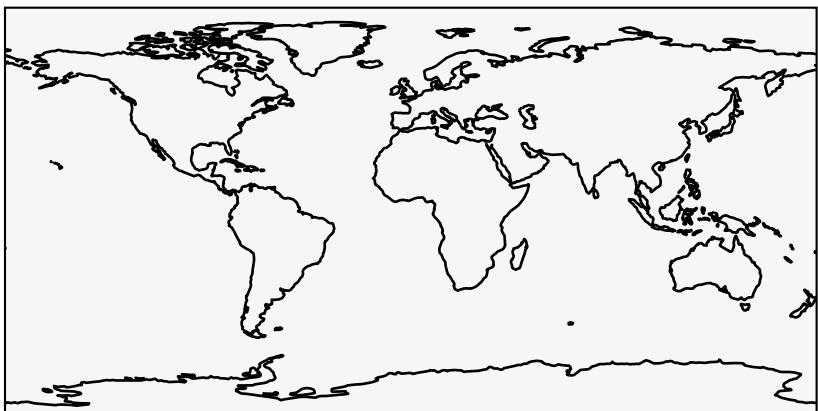
Zero throughout domain  
kg/m<sup>2</sup>/s

GCHP\_13.4.0-rc.4 (Dev)  
c48



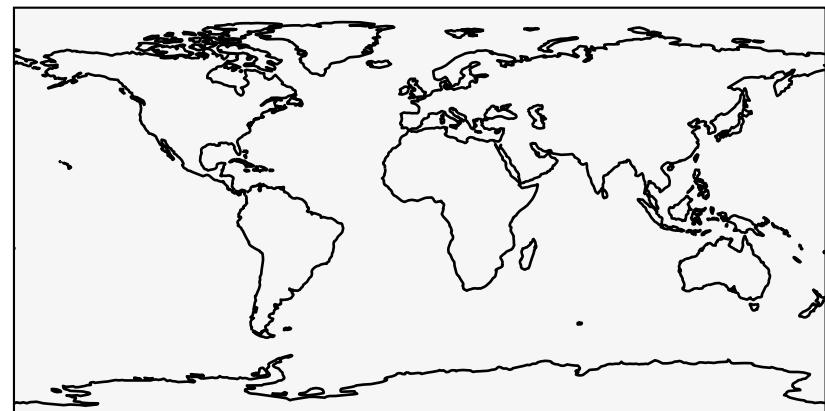
Zero throughout domain  
kg/m<sup>2</sup>/s

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



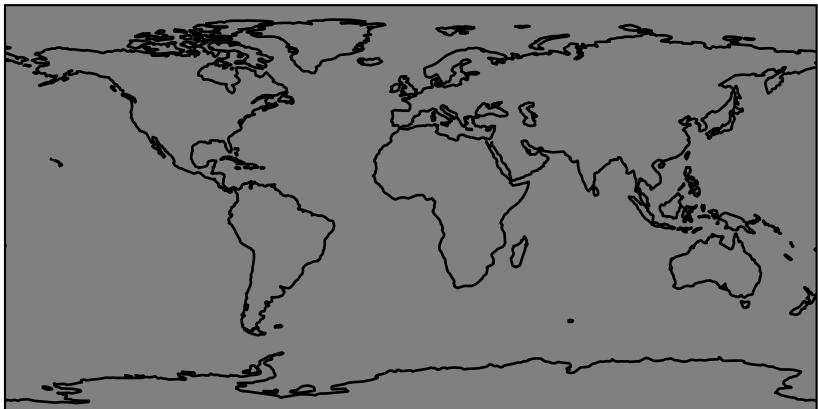
Zero throughout domain  
kg/m<sup>2</sup>/s

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



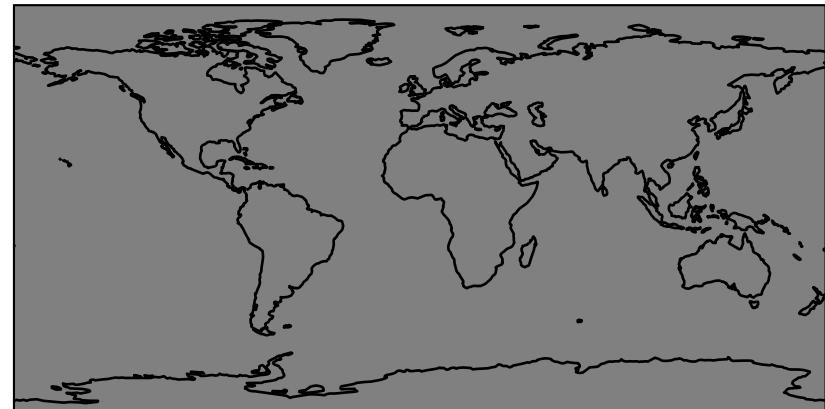
Zero throughout domain  
kg/m<sup>2</sup>/s

Ratio (1x1.25)  
Dev/Ref, Dynamic Range



Undefined throughout domain  
unitless

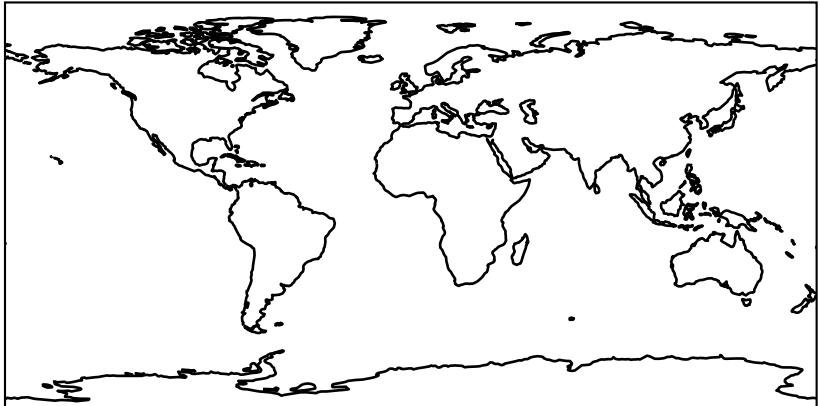
Ratio (1x1.25)  
Dev/Ref, Fixed Range



Undefined throughout domain  
unitless

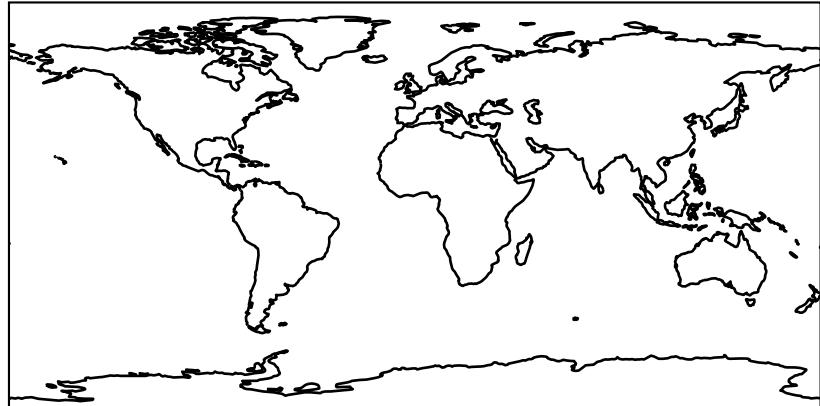
# EmisHAC\_Anthro

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



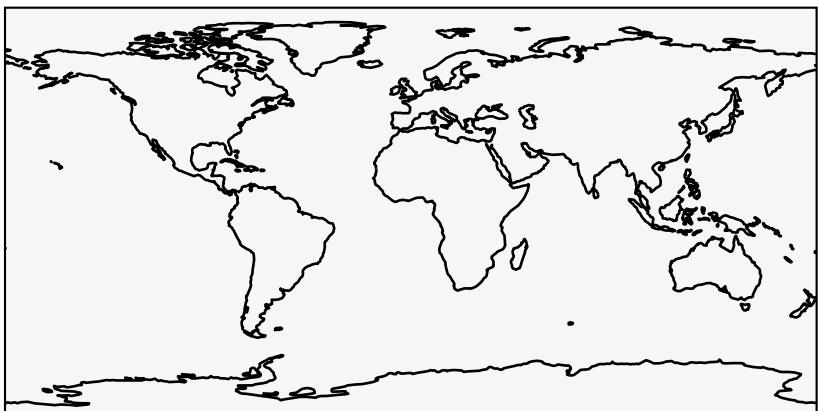
Zero throughout domain  
kg/m<sup>2</sup>/s

GCHP\_13.4.0-rc.4 (Dev)  
c48



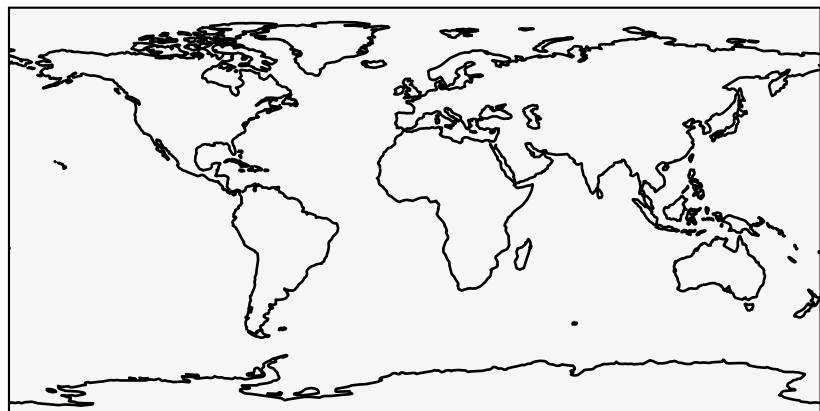
Zero throughout domain  
kg/m<sup>2</sup>/s

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



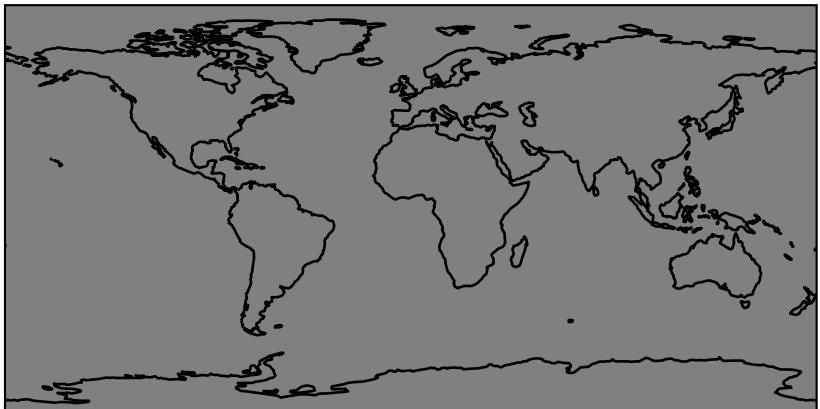
Zero throughout domain  
kg/m<sup>2</sup>/s

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



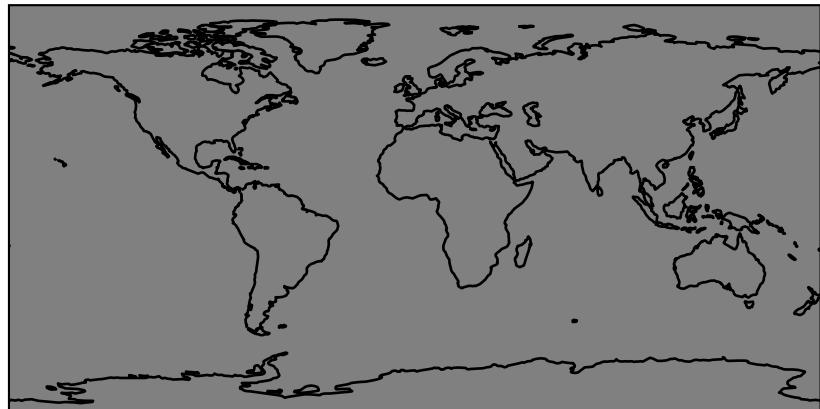
Zero throughout domain  
kg/m<sup>2</sup>/s

Ratio (1x1.25)  
Dev/Ref, Dynamic Range



Undefined throughout domain  
unitless

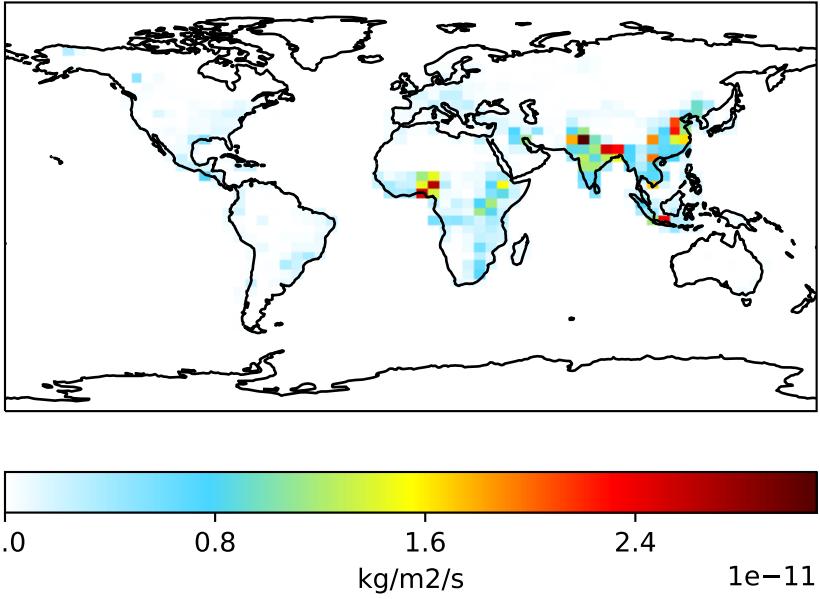
Ratio (1x1.25)  
Dev/Ref, Fixed Range



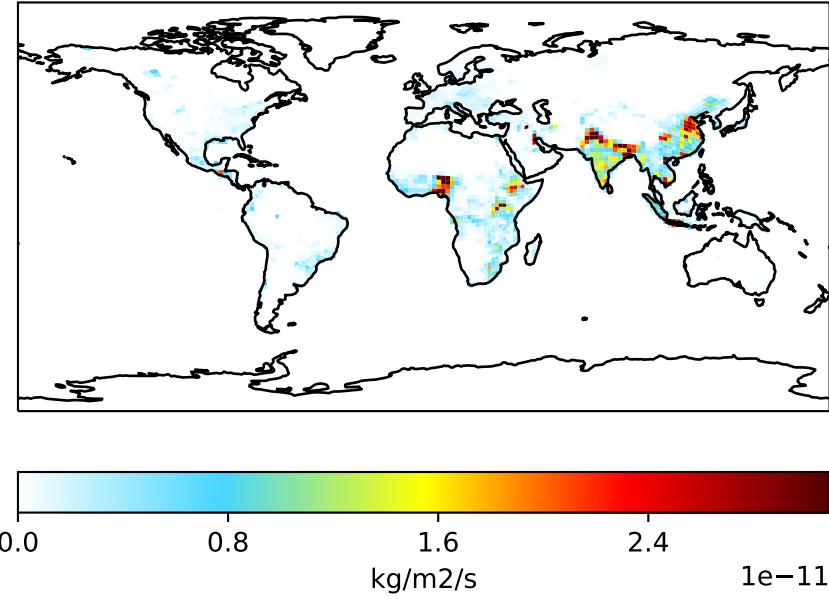
Undefined throughout domain  
unitless

# EmisHCOOH\_Anthro

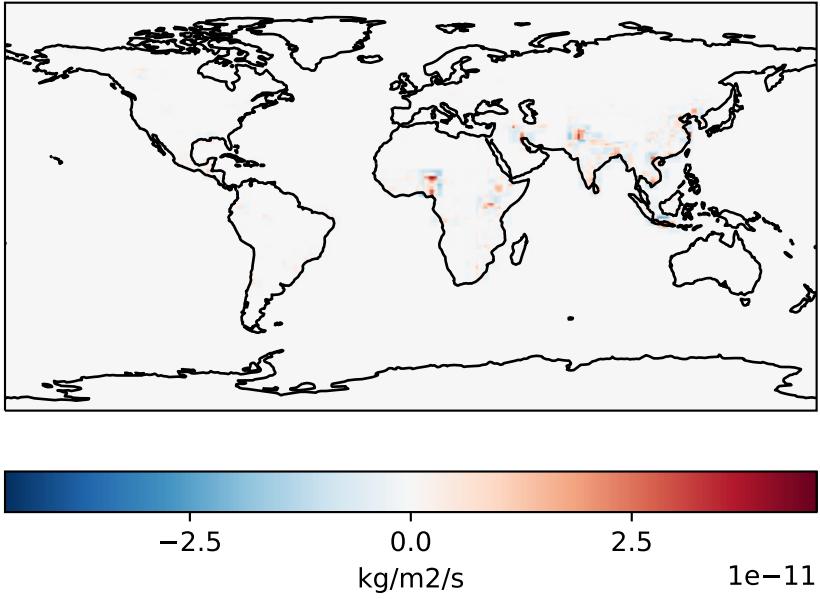
GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



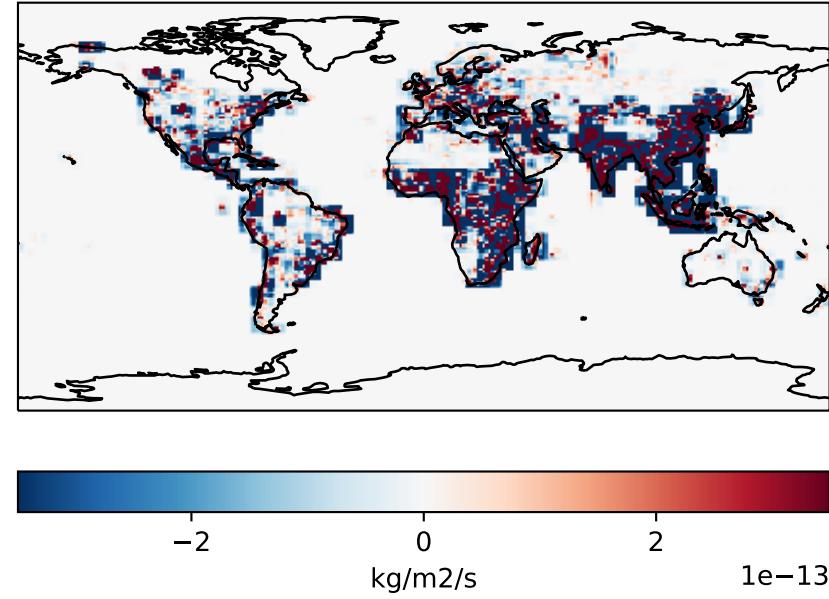
GCHP\_13.4.0-rc.4 (Dev)  
c48



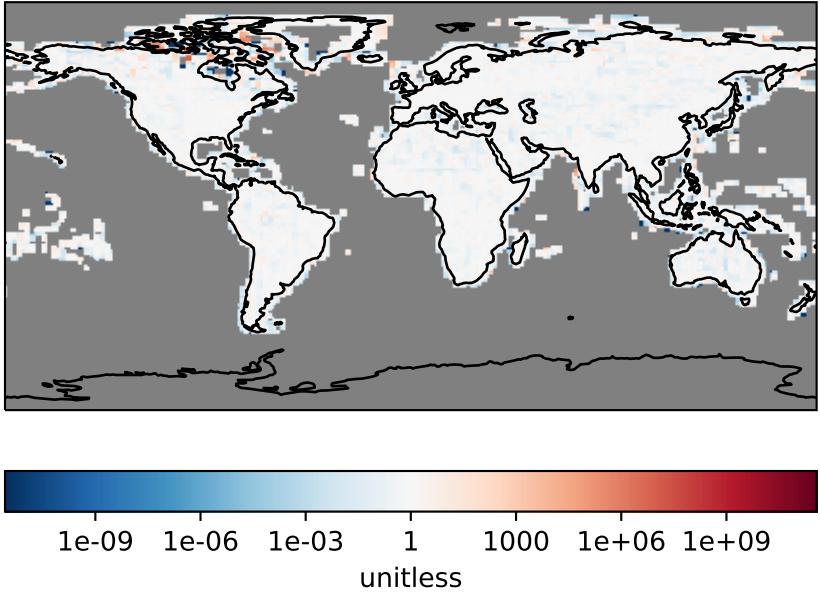
Difference (1x1.25)  
Dev - Ref, Dynamic Range



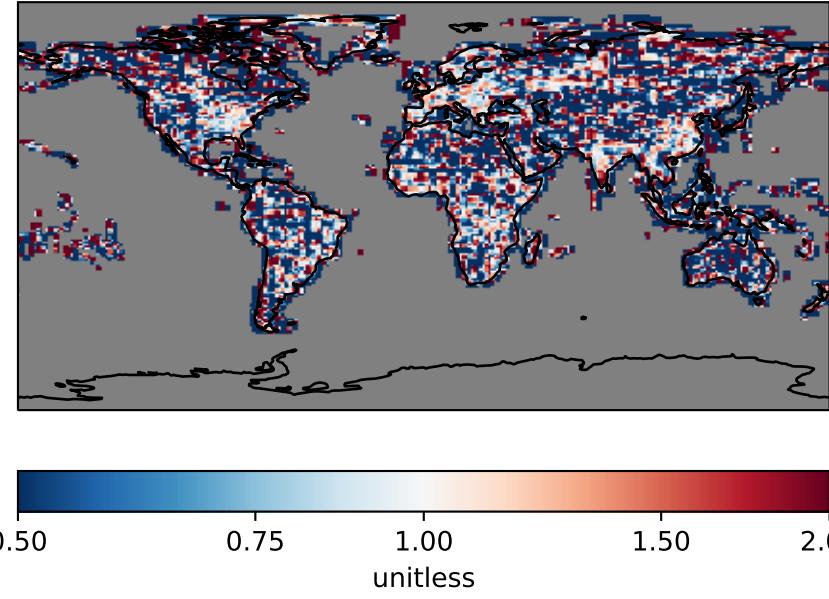
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range



Ratio (1x1.25)  
Dev/Ref, Fixed Range



# EmisHNO2\_Anthro

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



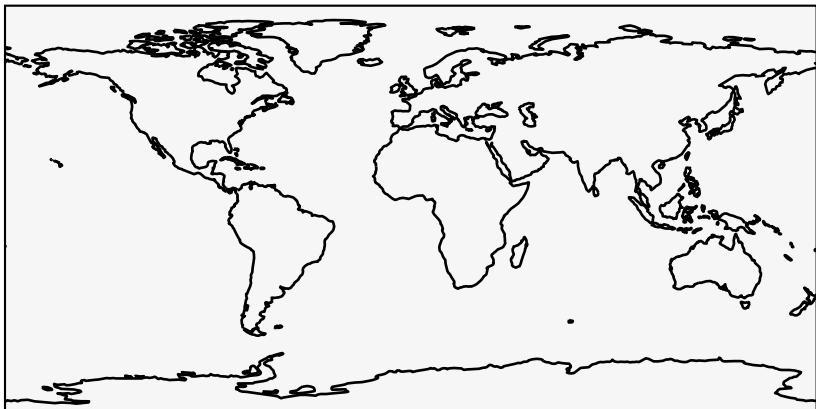
Zero throughout domain  
kg/m<sup>2</sup>/s

GCHP\_13.4.0-rc.4 (Dev)  
c48



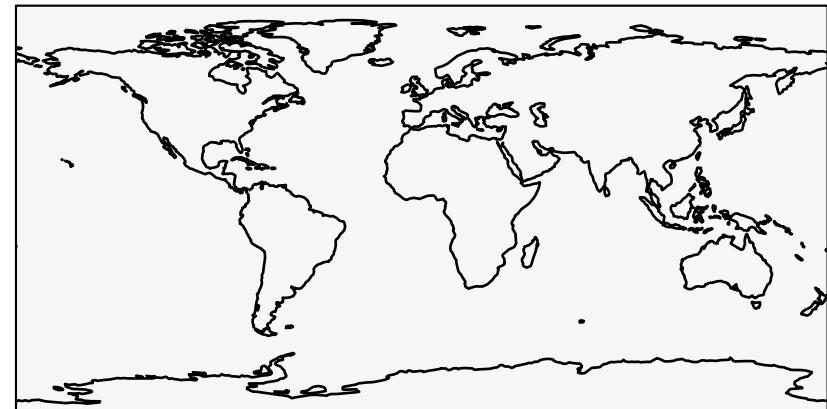
Zero throughout domain  
kg/m<sup>2</sup>/s

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



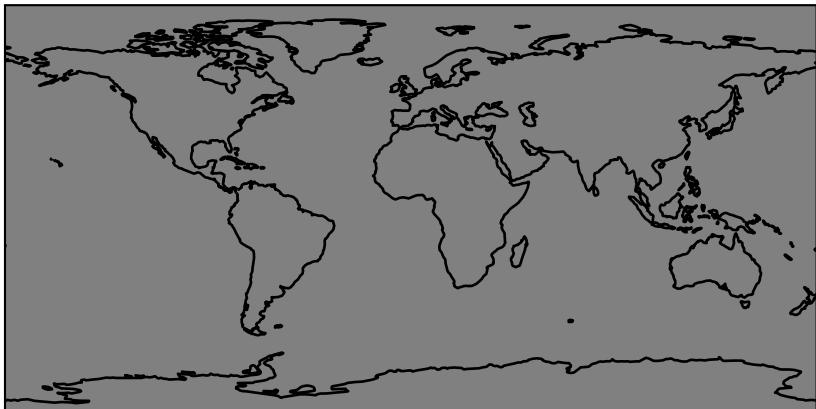
Zero throughout domain  
kg/m<sup>2</sup>/s

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



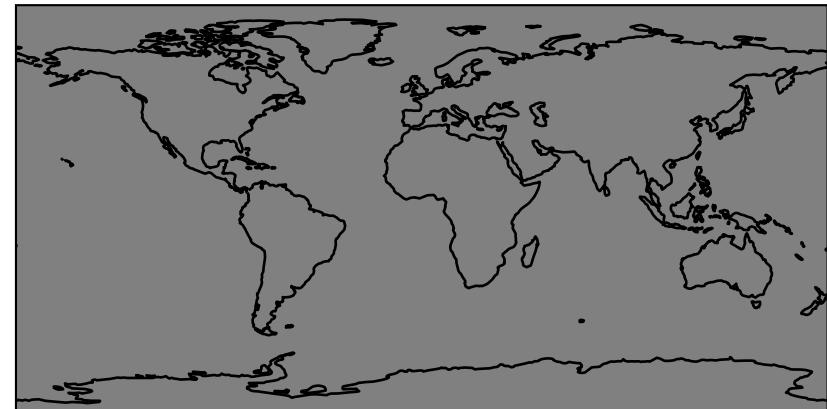
Zero throughout domain  
kg/m<sup>2</sup>/s

Ratio (1x1.25)  
Dev/Ref, Dynamic Range



Undefined throughout domain  
unitless

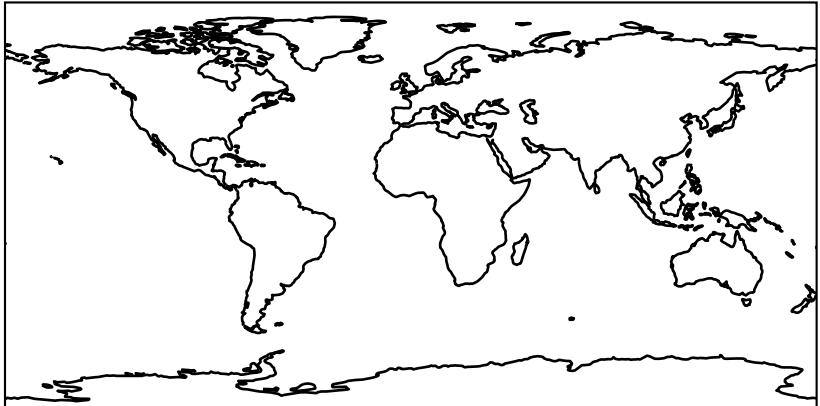
Ratio (1x1.25)  
Dev/Ref, Fixed Range



Undefined throughout domain  
unitless

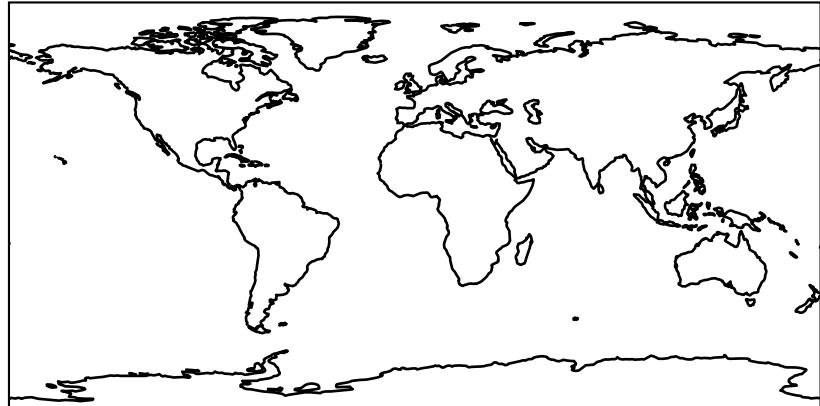
# EmisISOP\_Anthro

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



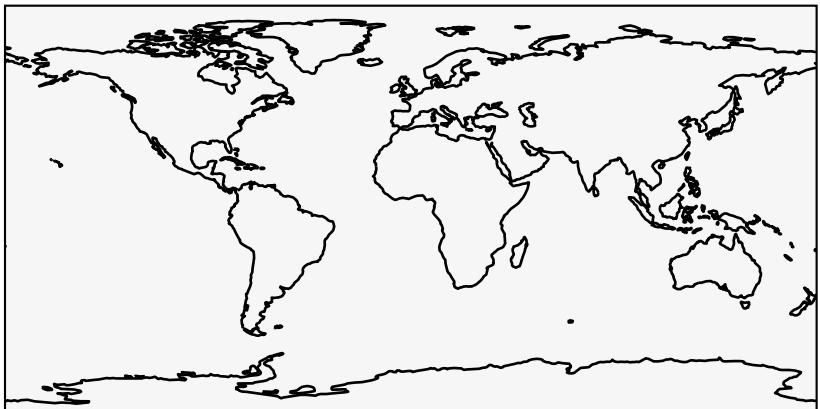
Zero throughout domain  
kg/m<sup>2</sup>/s

GCHP\_13.4.0-rc.4 (Dev)  
c48



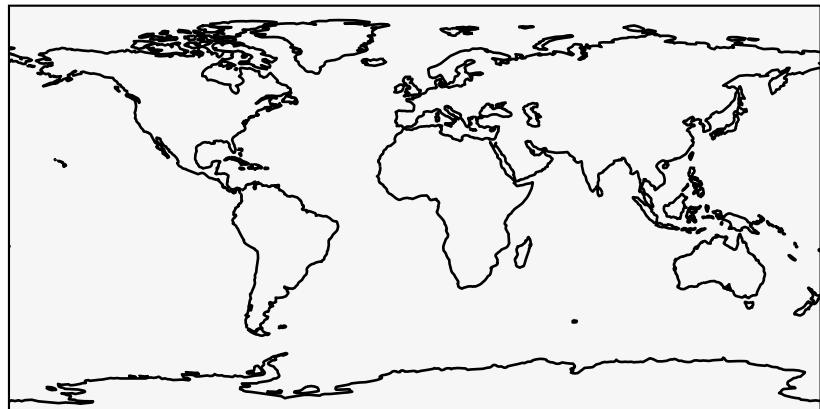
Zero throughout domain  
kg/m<sup>2</sup>/s

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



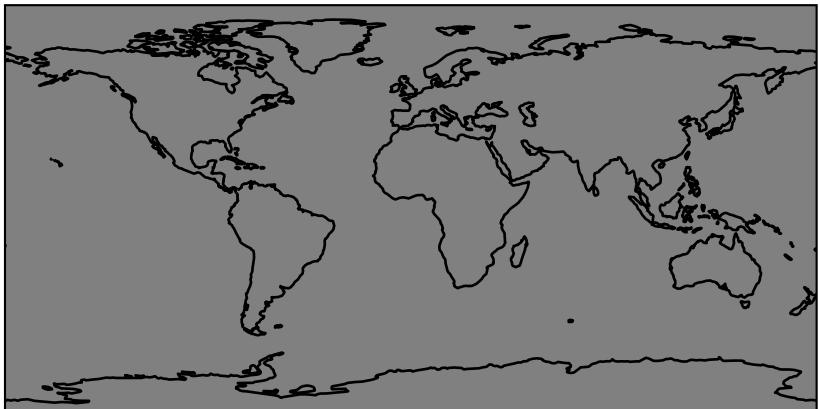
Zero throughout domain  
kg/m<sup>2</sup>/s

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



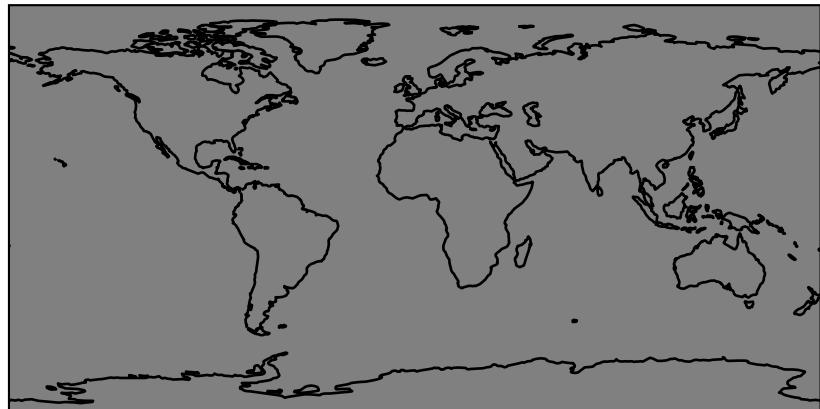
Zero throughout domain  
kg/m<sup>2</sup>/s

Ratio (1x1.25)  
Dev/Ref, Dynamic Range



Undefined throughout domain  
unitless

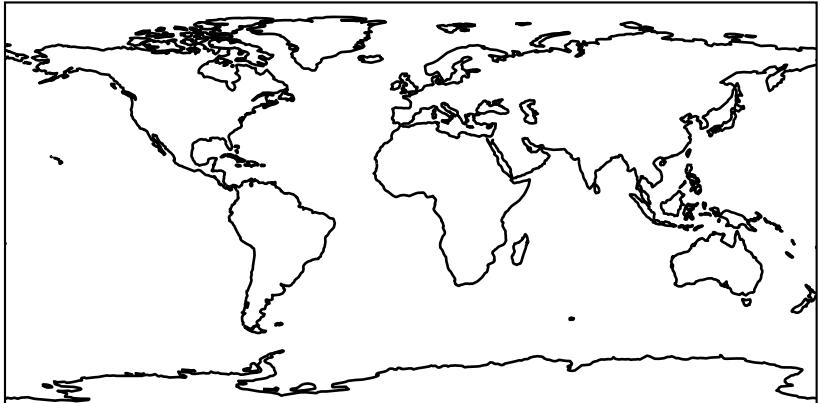
Ratio (1x1.25)  
Dev/Ref, Fixed Range



Undefined throughout domain  
unitless

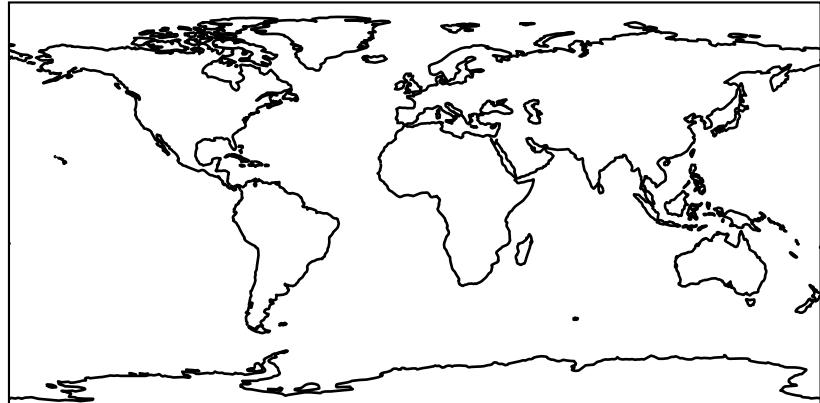
# EmisMACR\_Anthro

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



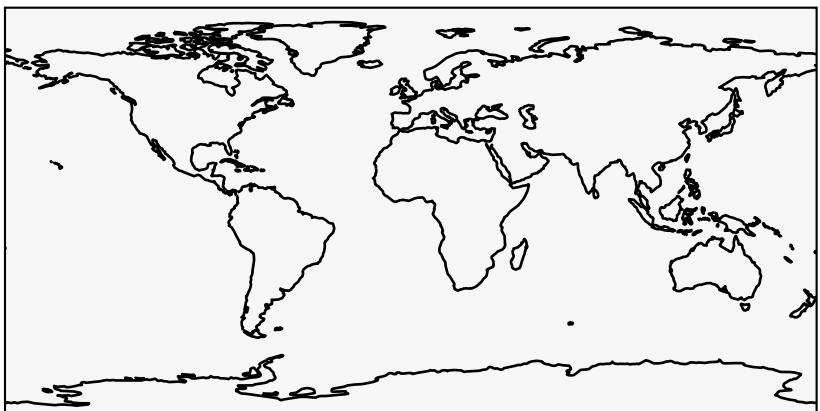
Zero throughout domain  
kg/m<sup>2</sup>/s

GCHP\_13.4.0-rc.4 (Dev)  
c48



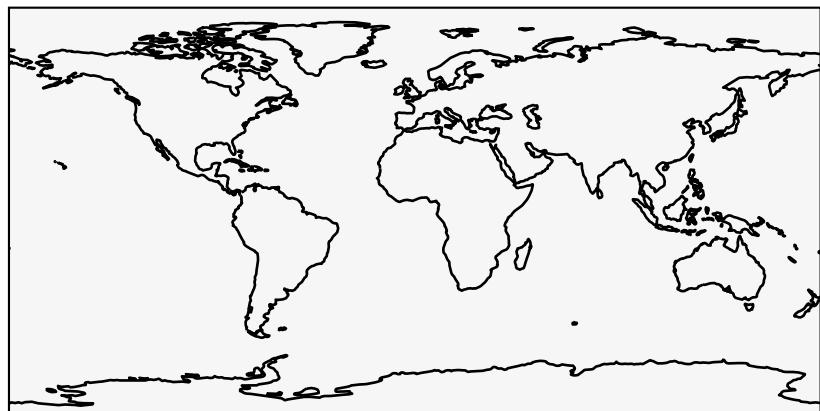
Zero throughout domain  
kg/m<sup>2</sup>/s

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



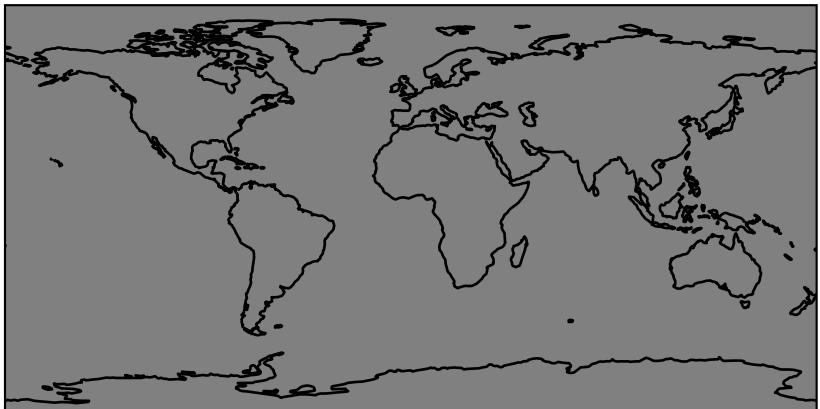
Zero throughout domain  
kg/m<sup>2</sup>/s

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



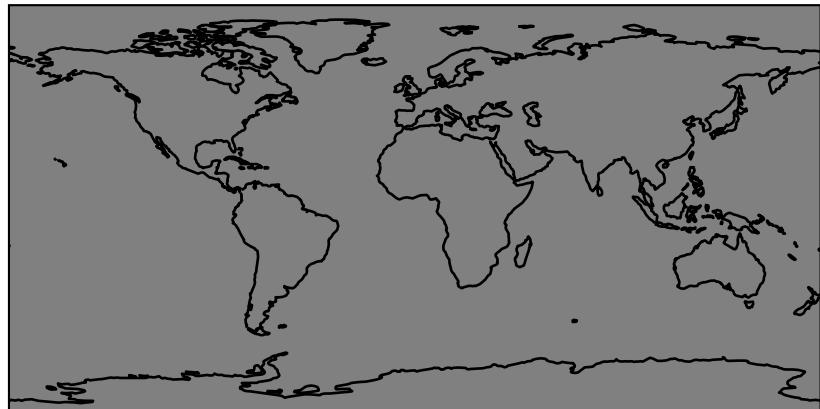
Zero throughout domain  
kg/m<sup>2</sup>/s

Ratio (1x1.25)  
Dev/Ref, Dynamic Range



Undefined throughout domain  
unitless

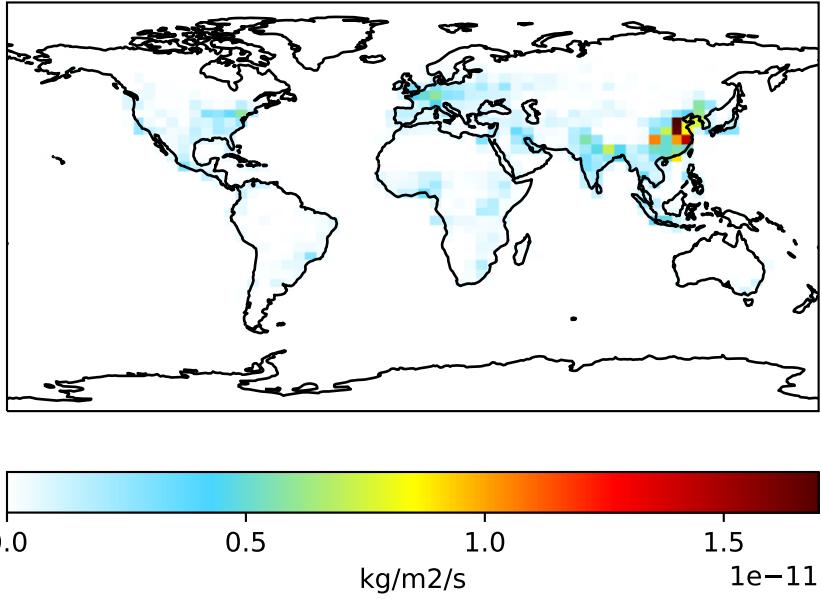
Ratio (1x1.25)  
Dev/Ref, Fixed Range



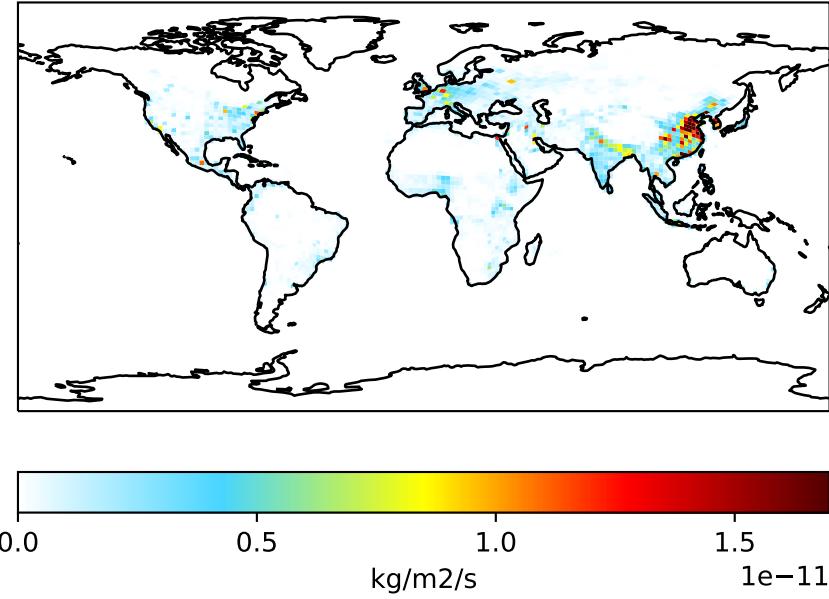
Undefined throughout domain  
unitless

# EmisMEK\_Anthro

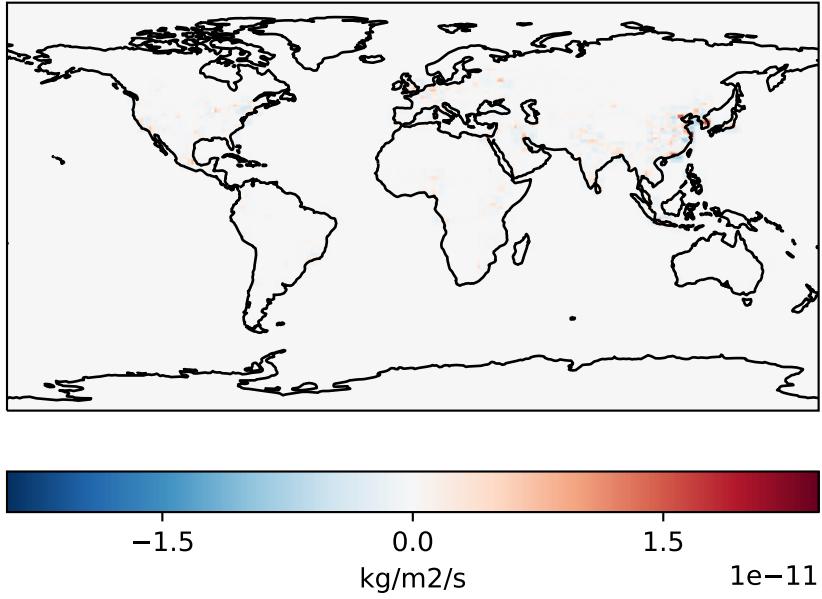
GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



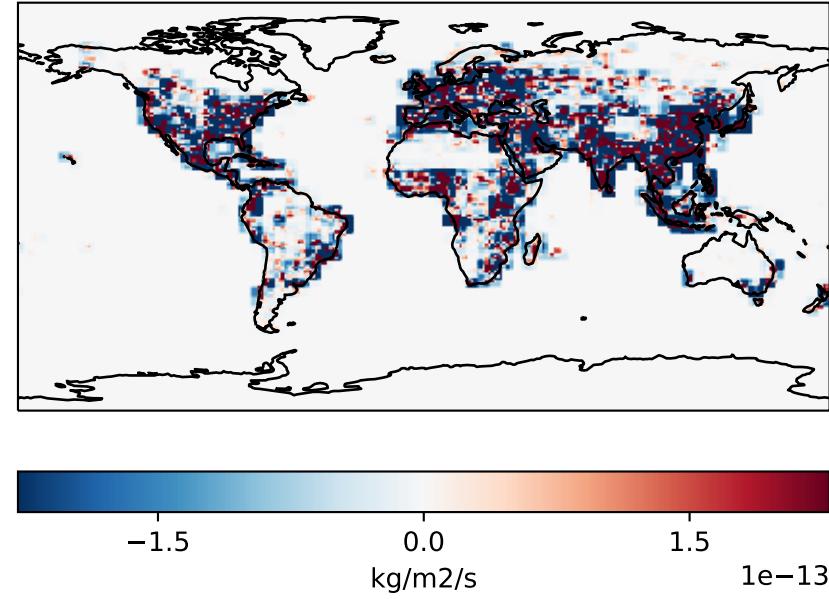
GCHP\_13.4.0-rc.4 (Dev)  
c48



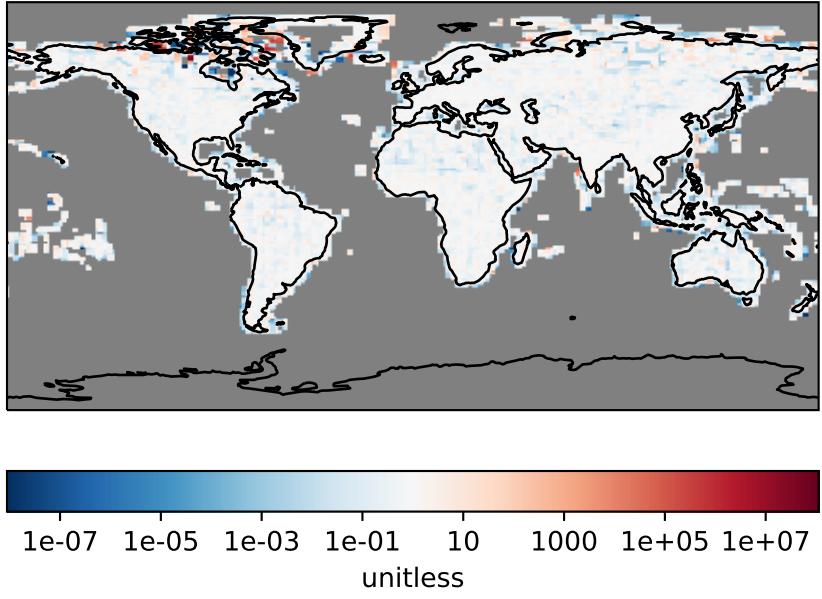
Difference (1x1.25)  
Dev - Ref, Dynamic Range



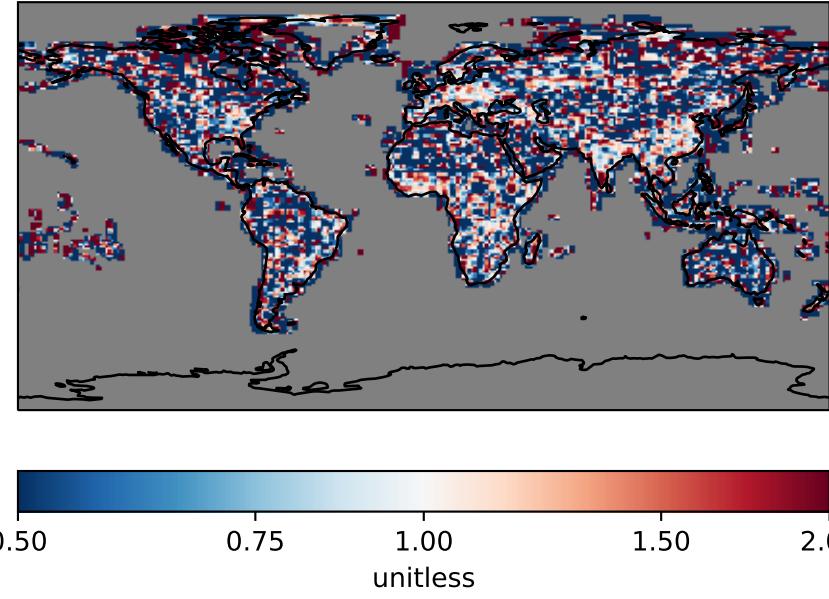
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%, 95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

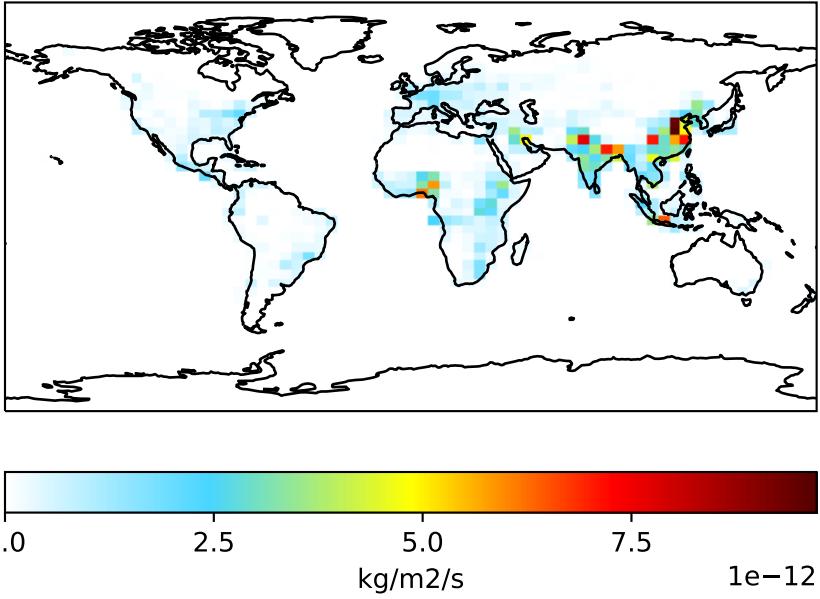


Ratio (1x1.25)  
Dev/Ref, Fixed Range

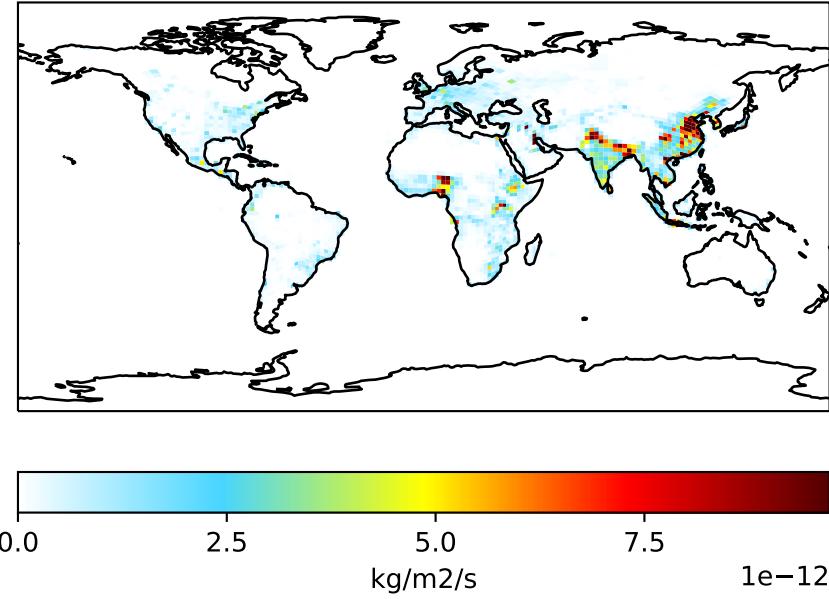


# EmisMOH\_Anthro

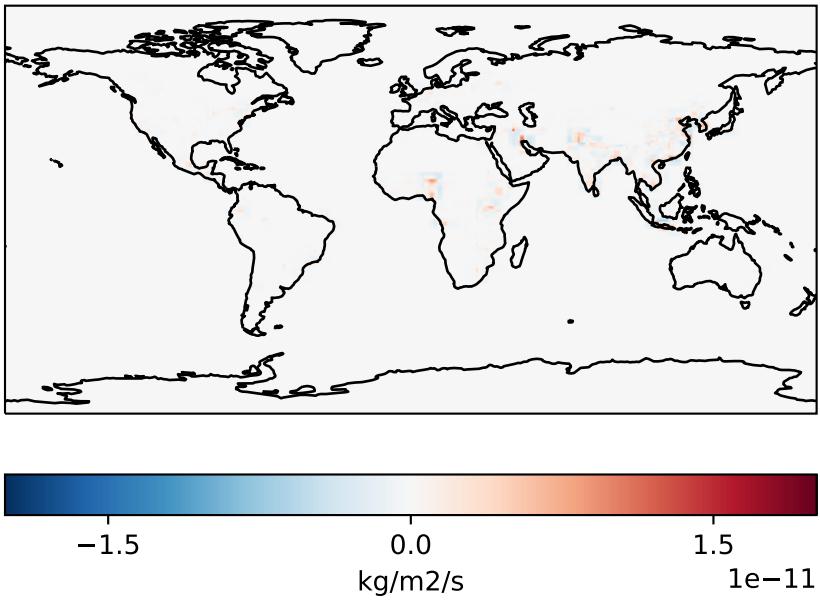
GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



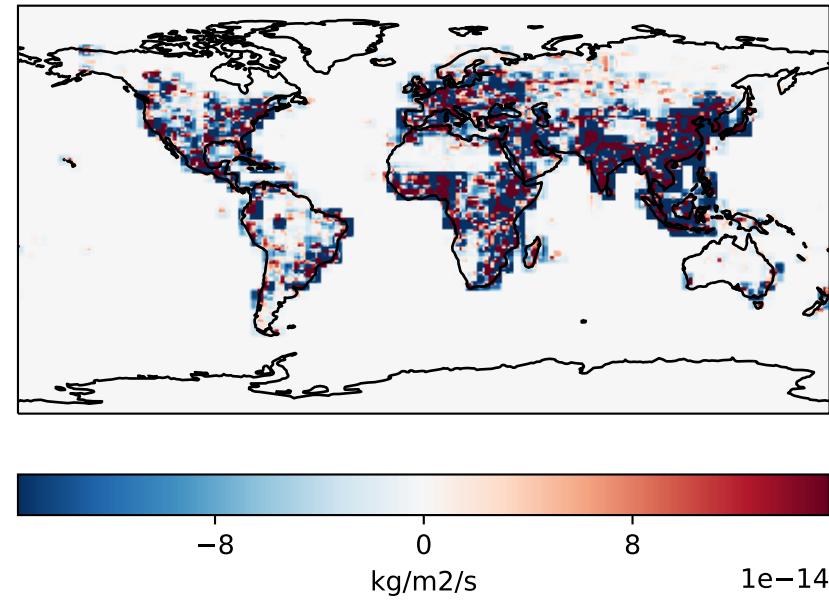
GCHP\_13.4.0-rc.4 (Dev)  
c48



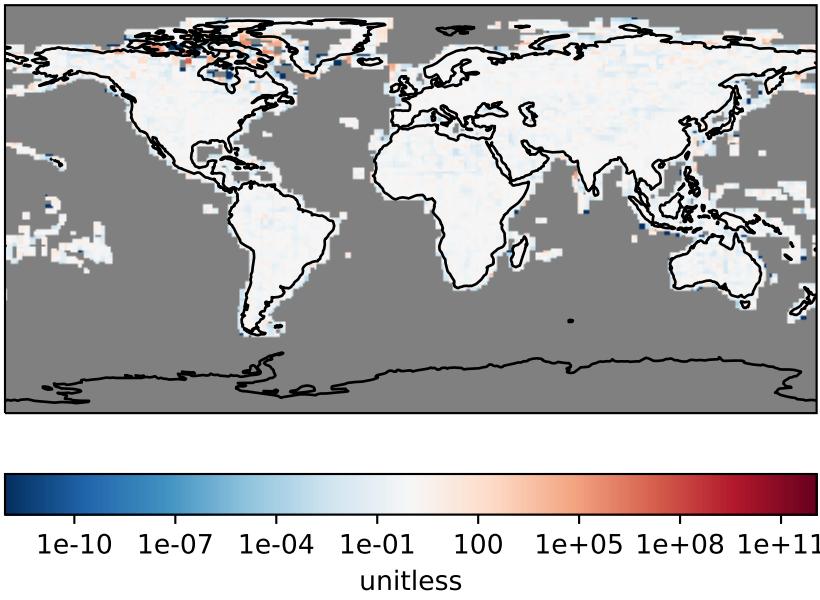
Difference (1x1.25)  
Dev - Ref, Dynamic Range



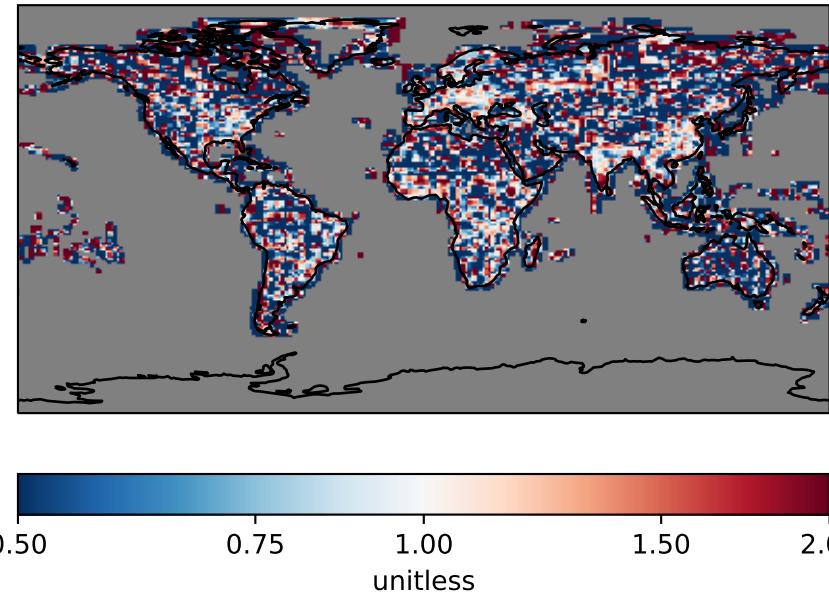
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%, 95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

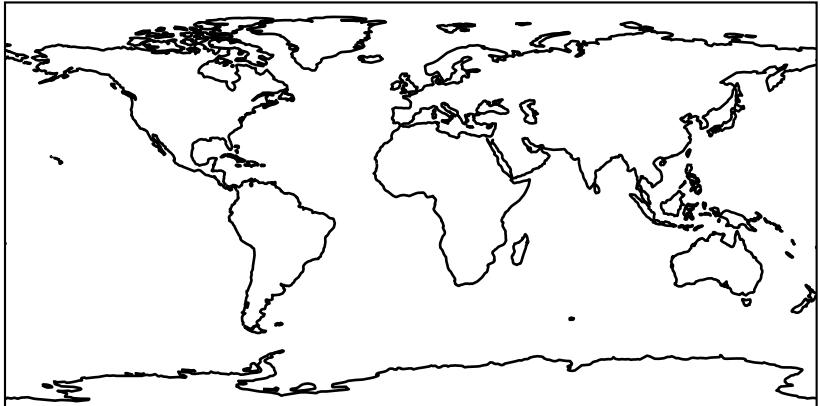


Ratio (1x1.25)  
Dev/Ref, Fixed Range



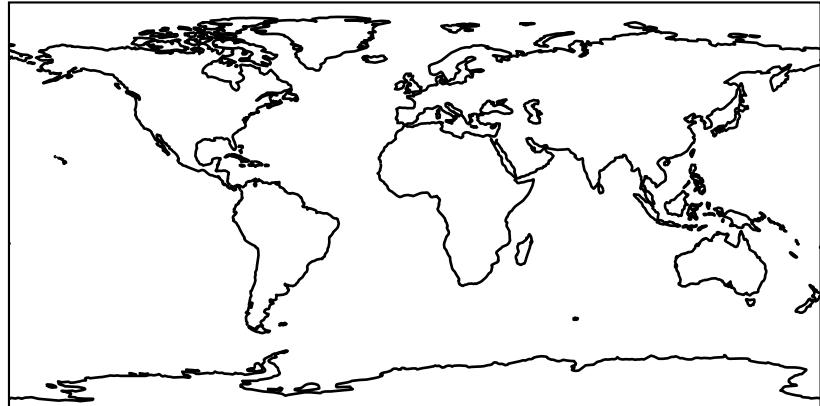
# EmisMVK\_Anthro

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



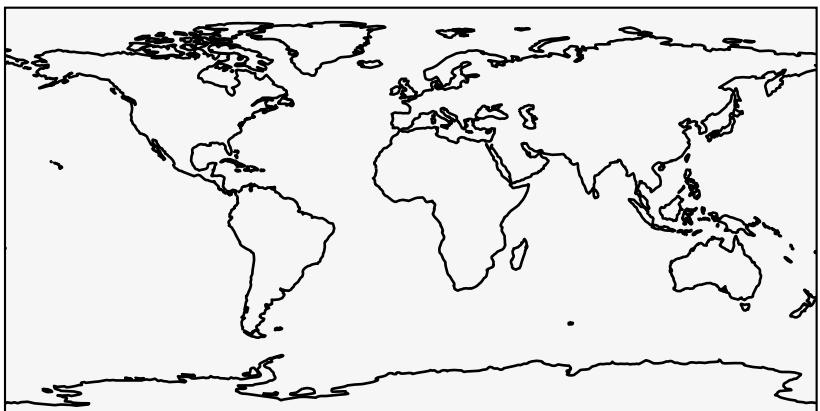
Zero throughout domain  
kg/m<sup>2</sup>/s

GCHP\_13.4.0-rc.4 (Dev)  
c48



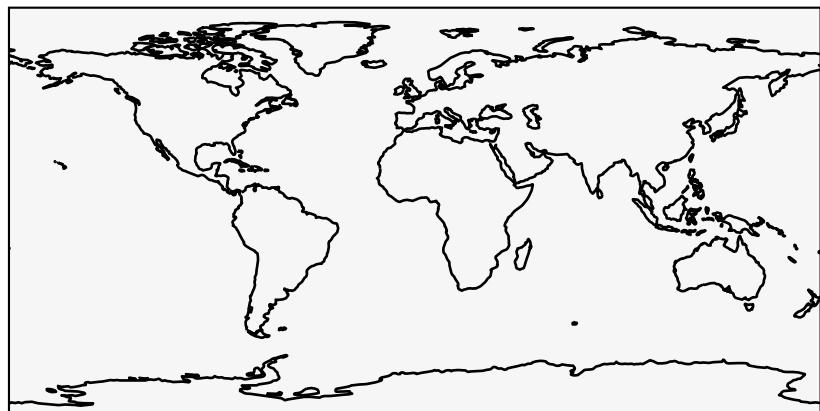
Zero throughout domain  
kg/m<sup>2</sup>/s

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



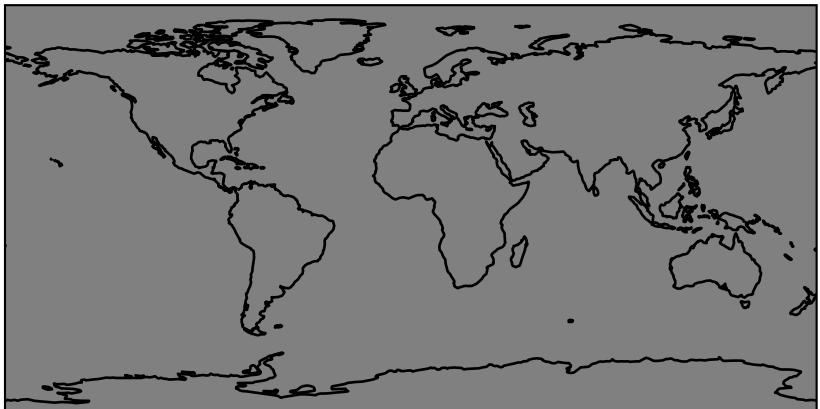
Zero throughout domain  
kg/m<sup>2</sup>/s

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



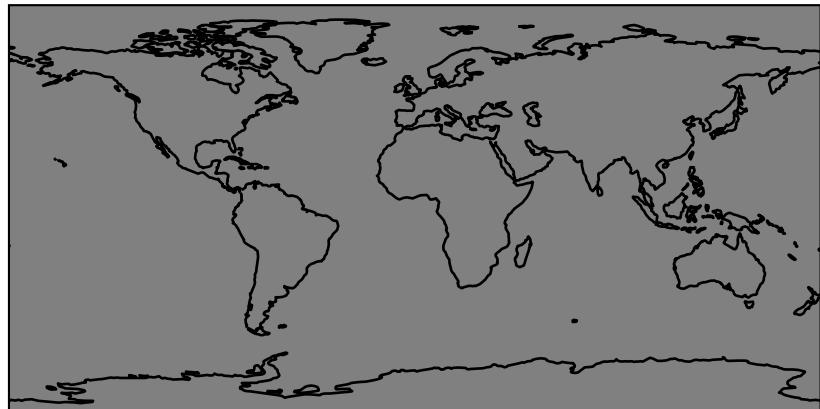
Zero throughout domain  
kg/m<sup>2</sup>/s

Ratio (1x1.25)  
Dev/Ref, Dynamic Range



Undefined throughout domain  
unitless

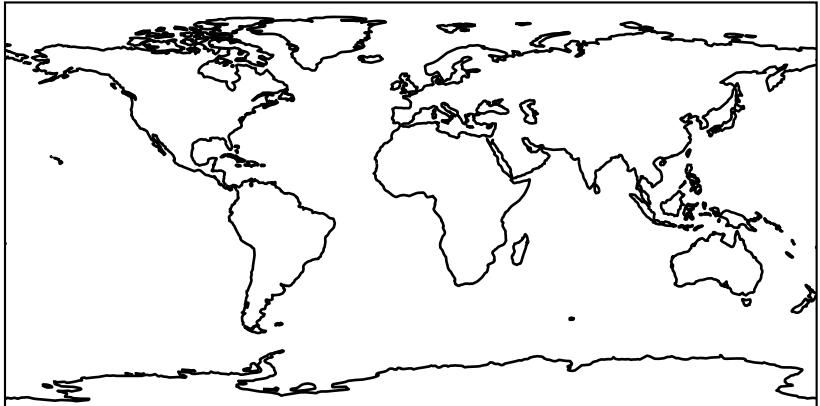
Ratio (1x1.25)  
Dev/Ref, Fixed Range



Undefined throughout domain  
unitless

# EmisNAP\_Anthro

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



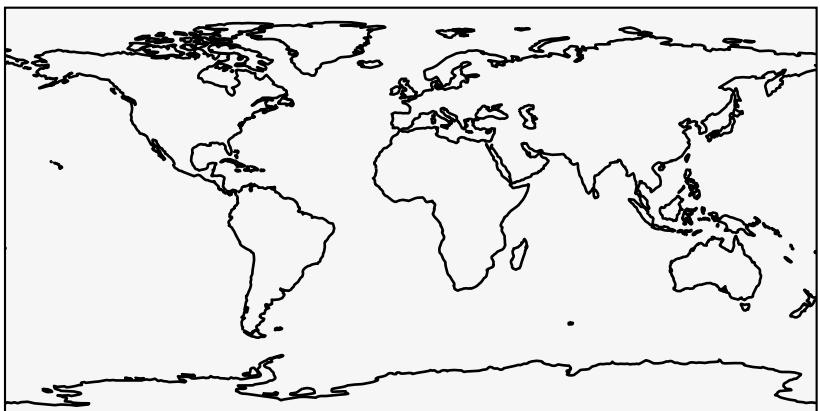
Zero throughout domain  
kg/m<sup>2</sup>/s

GCHP\_13.4.0-rc.4 (Dev)  
c48



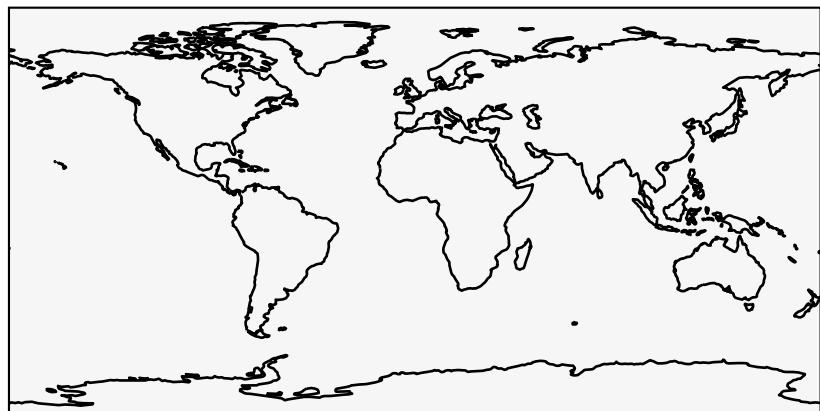
Zero throughout domain  
kg/m<sup>2</sup>/s

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



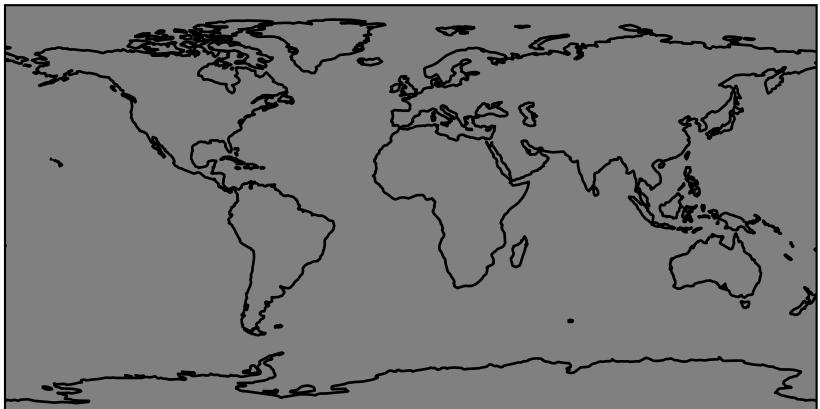
Zero throughout domain  
kg/m<sup>2</sup>/s

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



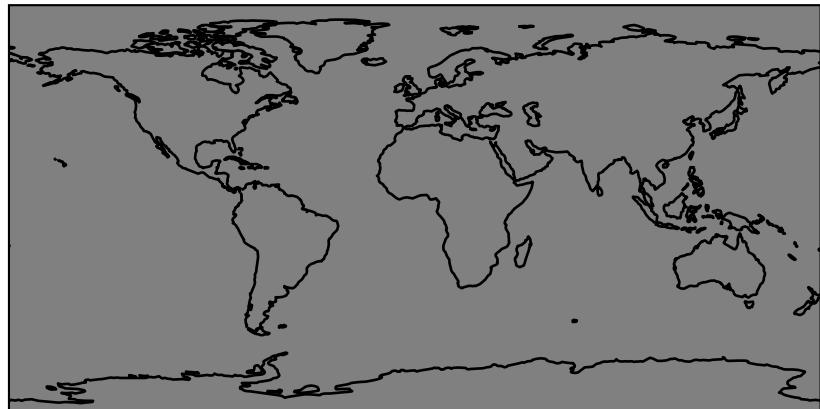
Zero throughout domain  
kg/m<sup>2</sup>/s

Ratio (1x1.25)  
Dev/Ref, Dynamic Range



Undefined throughout domain  
unitless

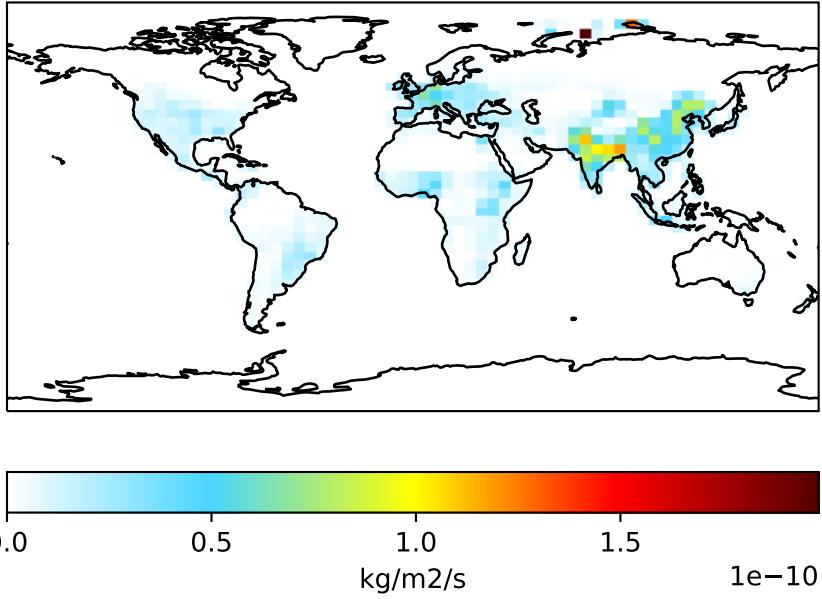
Ratio (1x1.25)  
Dev/Ref, Fixed Range



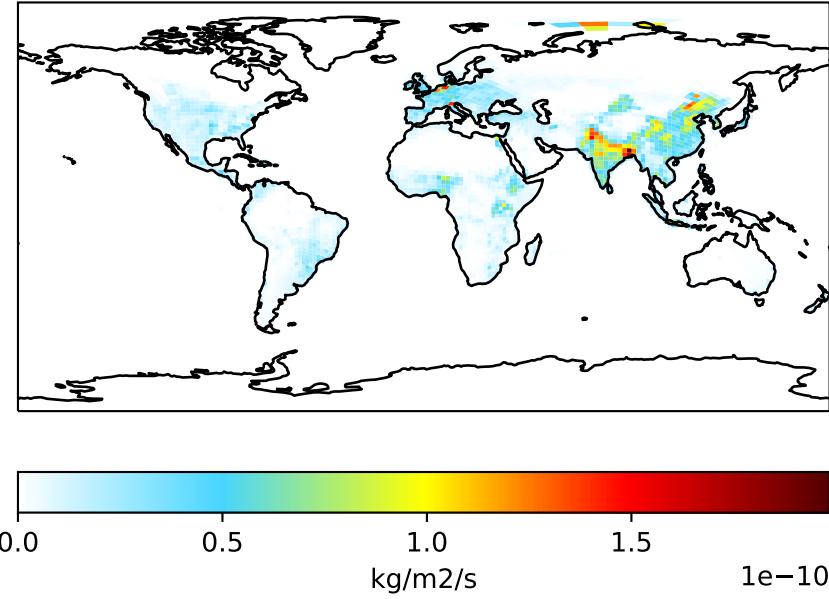
Undefined throughout domain  
unitless

# EmisNH3\_Anthro

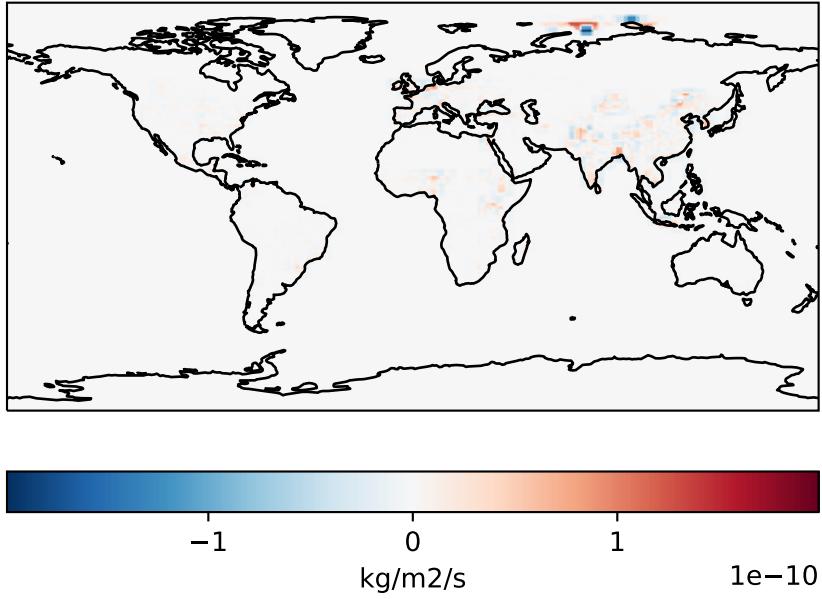
GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



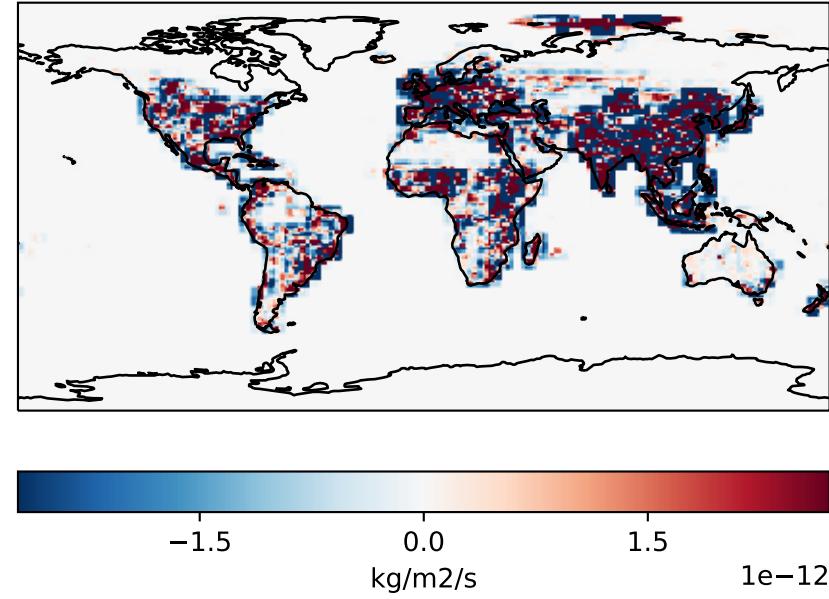
GCHP\_13.4.0-rc.4 (Dev)  
c48



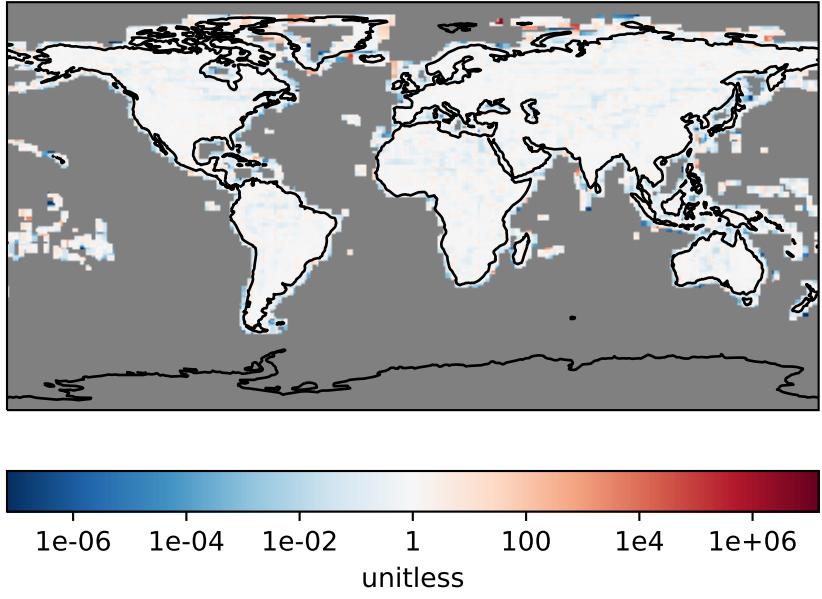
Difference (1x1.25)  
Dev - Ref, Dynamic Range



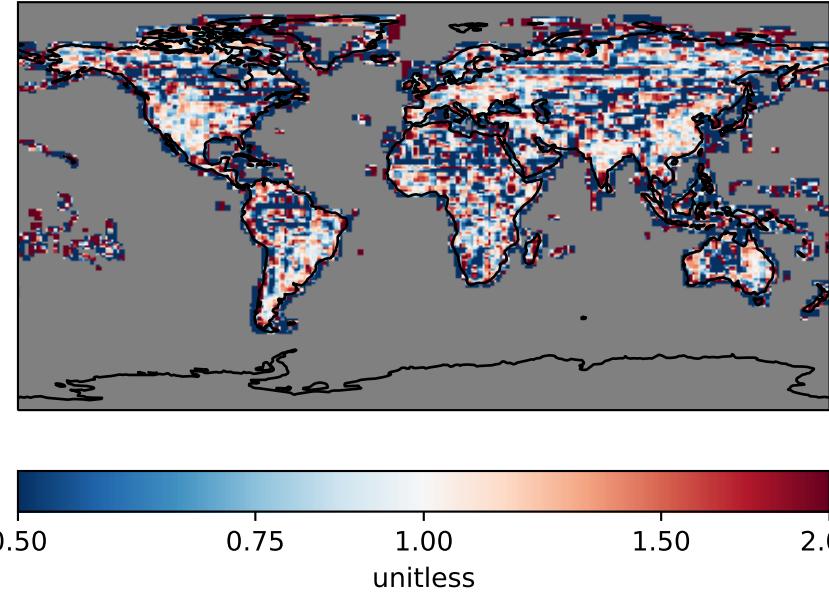
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%, 95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

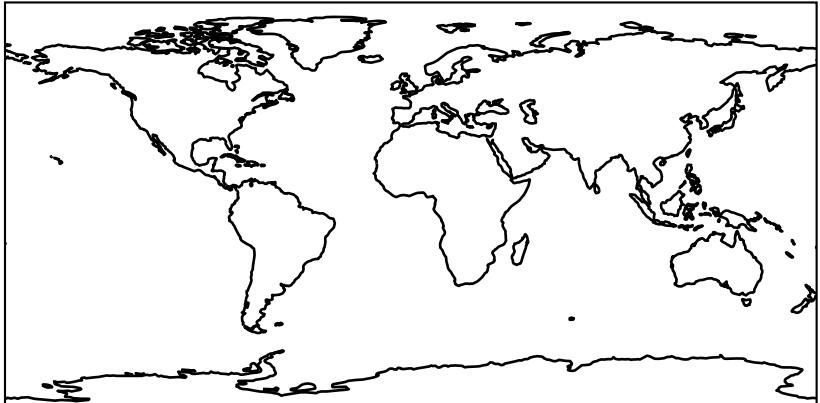


Ratio (1x1.25)  
Dev/Ref, Fixed Range



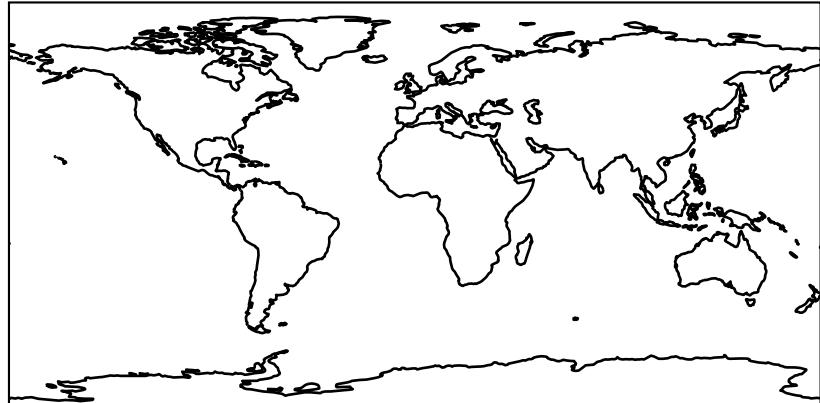
# EmisNO2\_Anthro

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



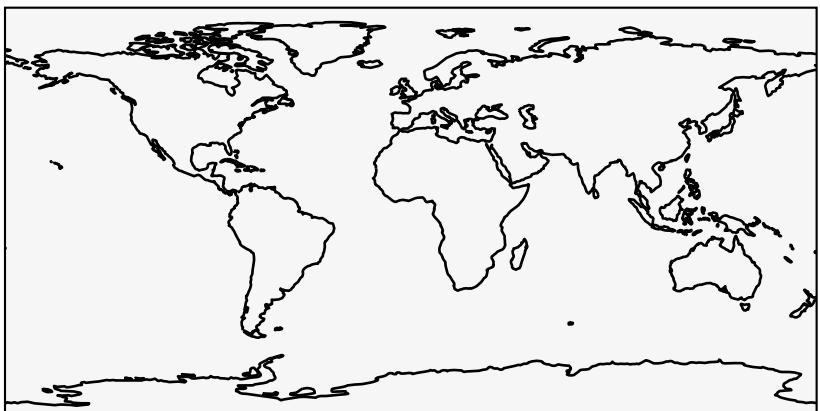
Zero throughout domain  
kg/m<sup>2</sup>/s

GCHP\_13.4.0-rc.4 (Dev)  
c48



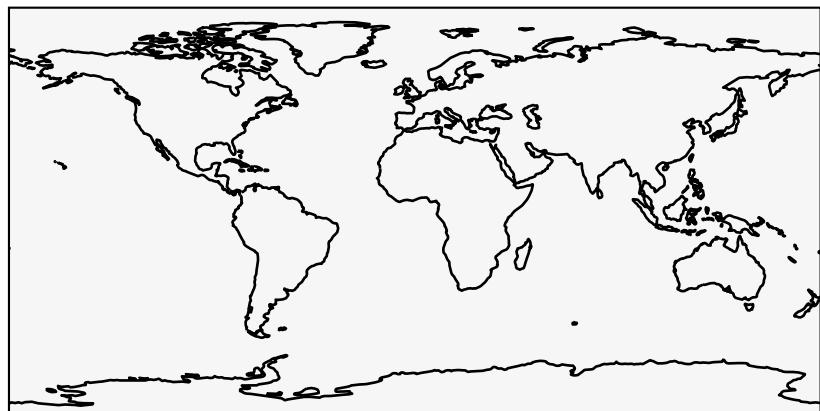
Zero throughout domain  
kg/m<sup>2</sup>/s

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



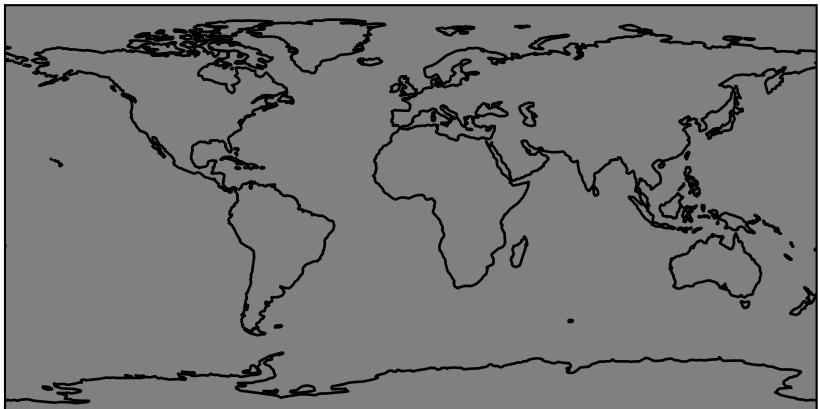
Zero throughout domain  
kg/m<sup>2</sup>/s

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



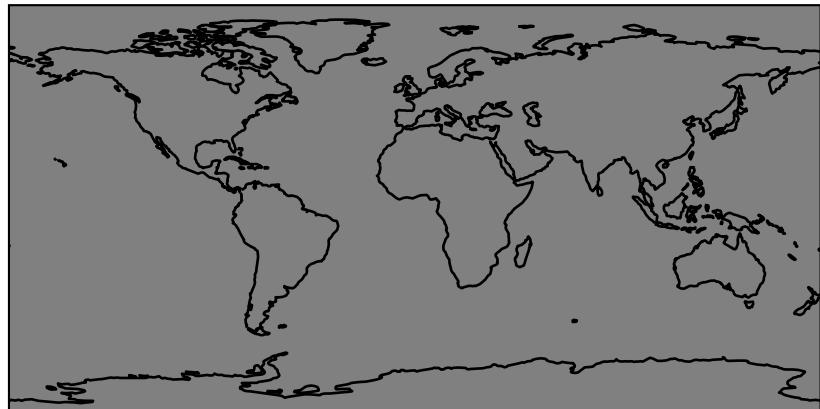
Zero throughout domain  
kg/m<sup>2</sup>/s

Ratio (1x1.25)  
Dev/Ref, Dynamic Range



Undefined throughout domain  
unitless

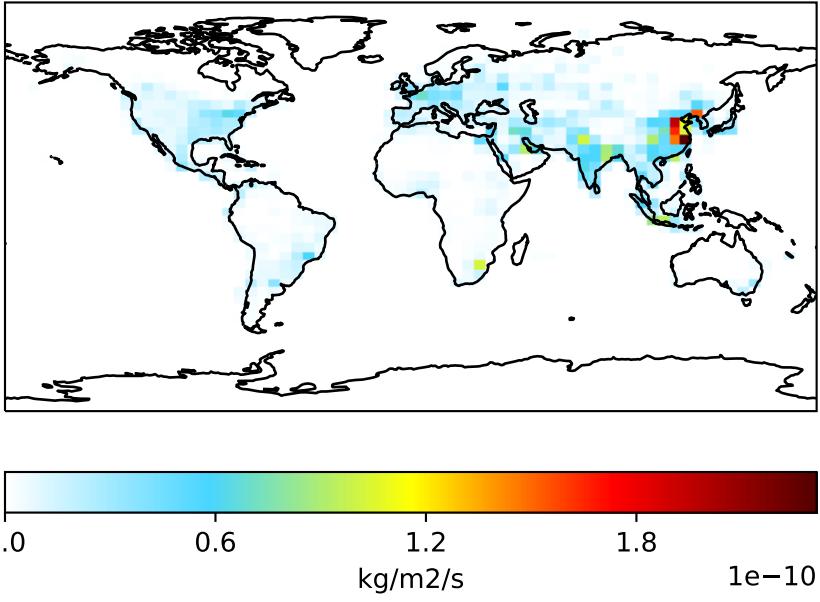
Ratio (1x1.25)  
Dev/Ref, Fixed Range



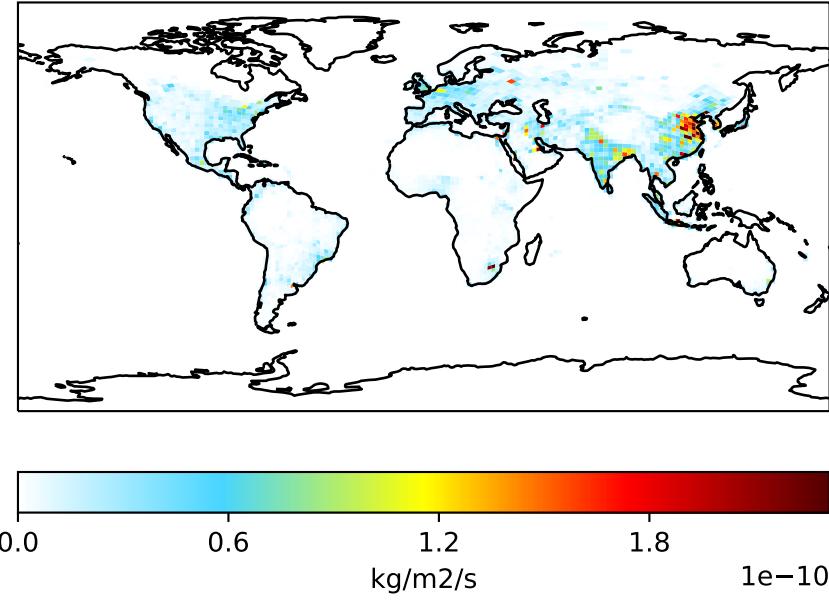
Undefined throughout domain  
unitless

# EmisNO\_Anthro

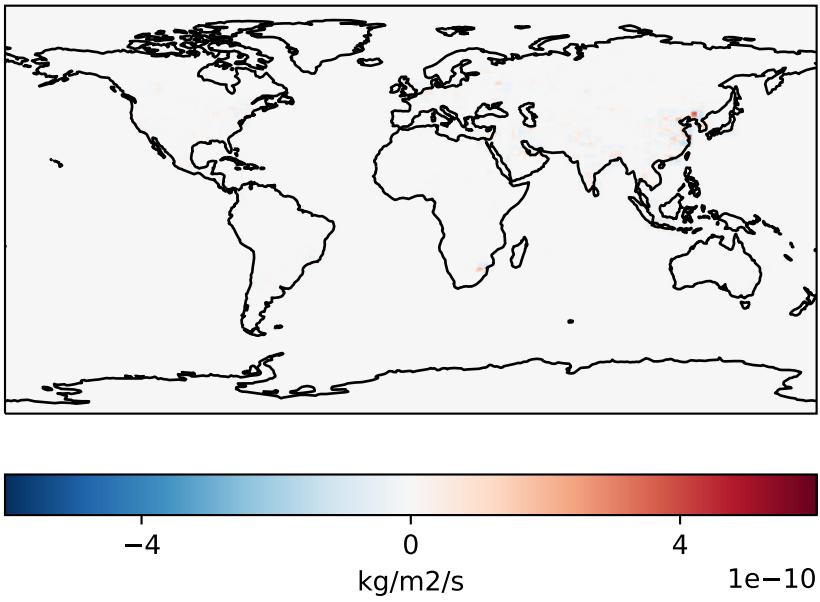
GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



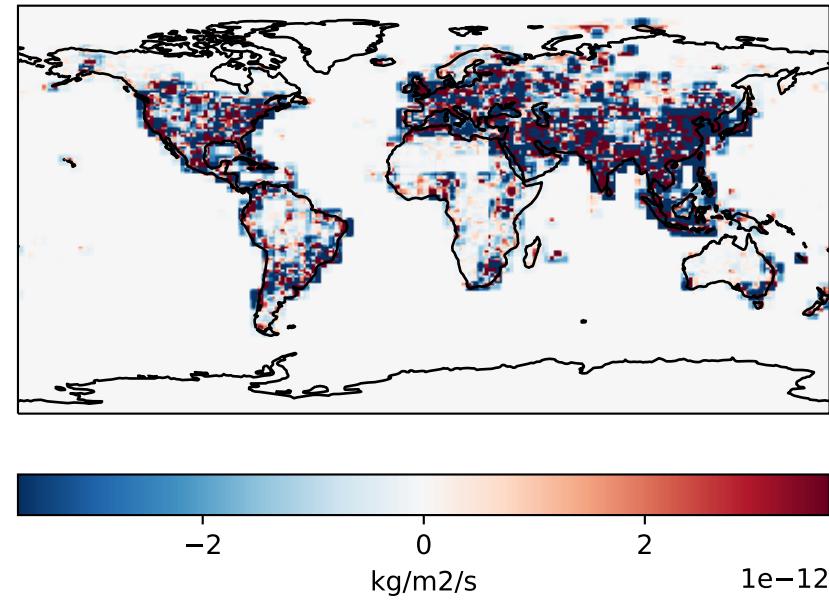
GCHP\_13.4.0-rc.4 (Dev)  
c48



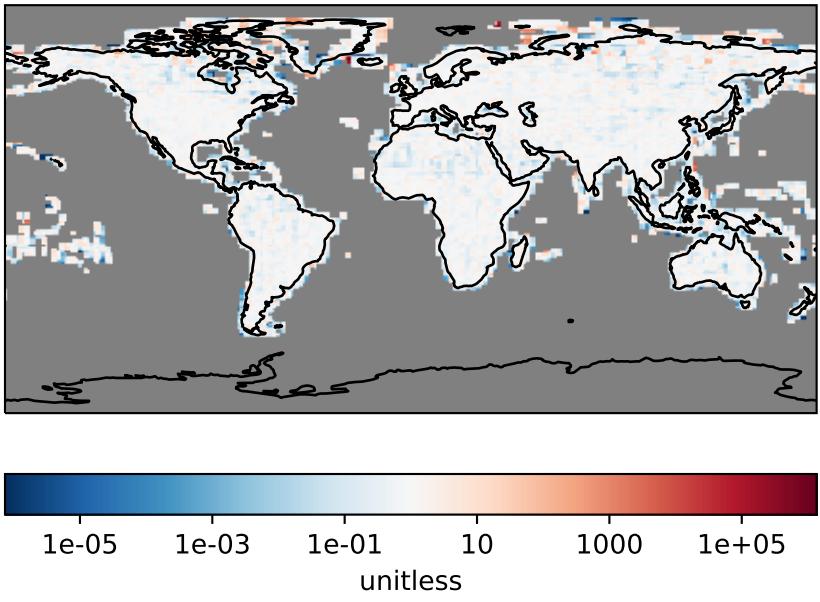
Difference (1x1.25)  
Dev - Ref, Dynamic Range



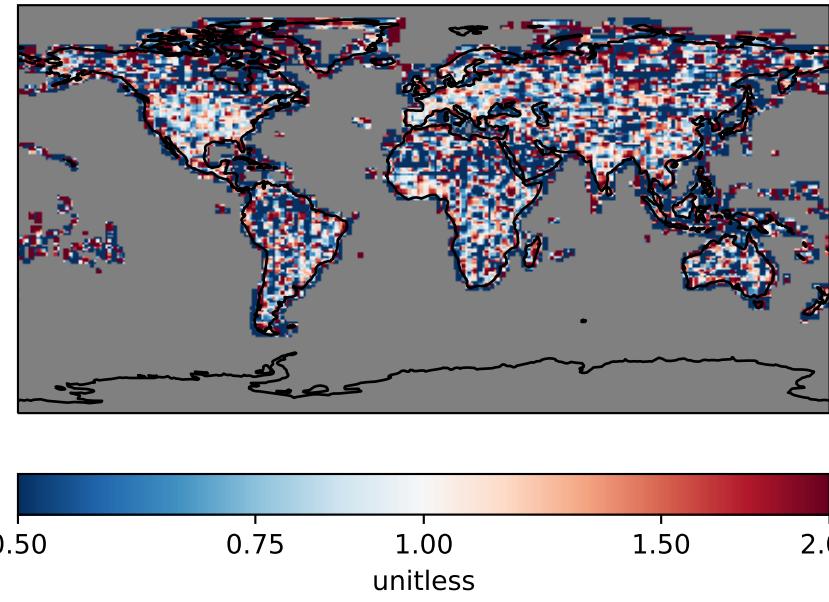
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%, 95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

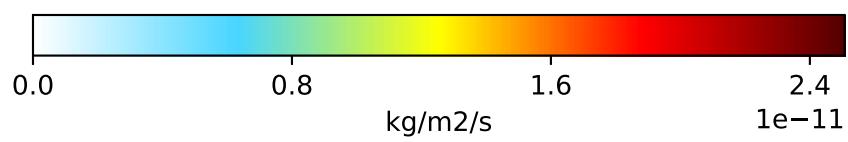
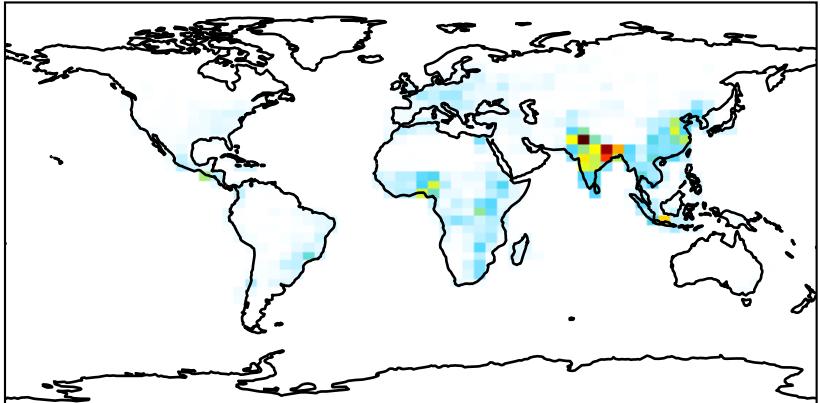


Ratio (1x1.25)  
Dev/Ref, Fixed Range

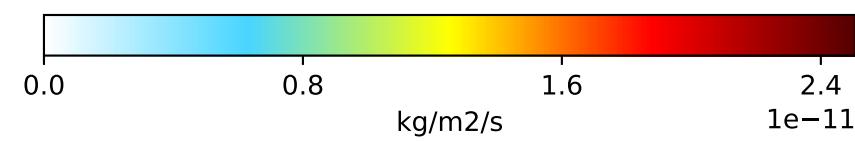
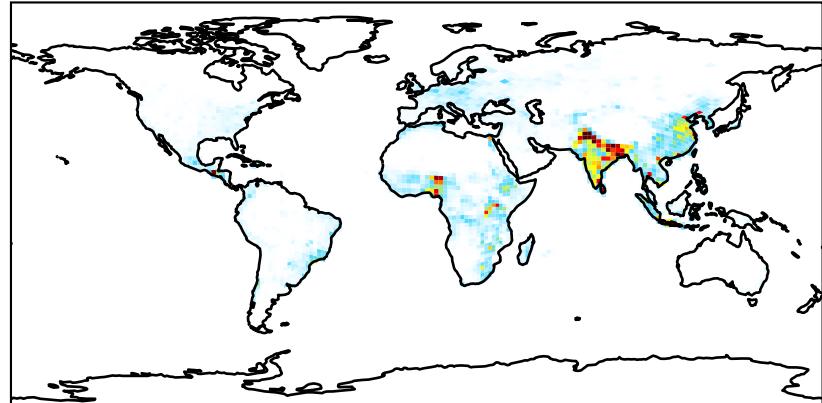


# EmisOCPI\_Anthro

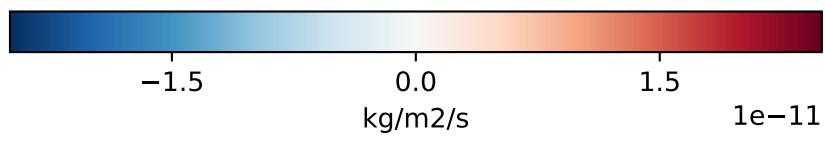
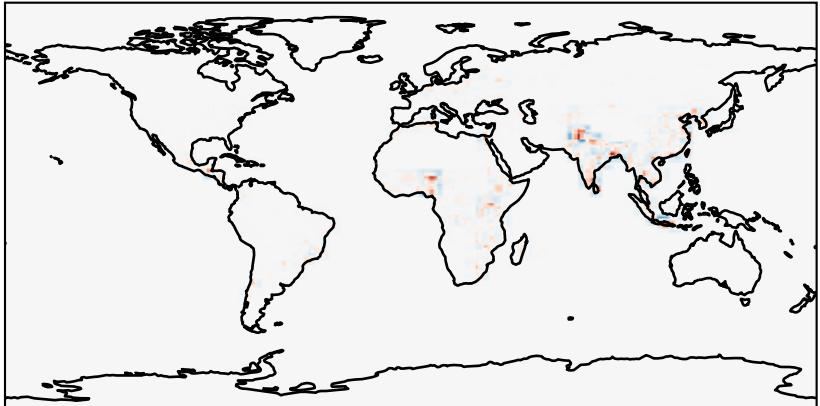
GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



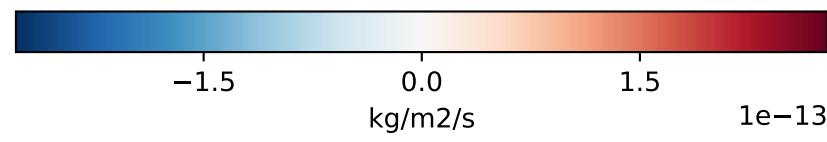
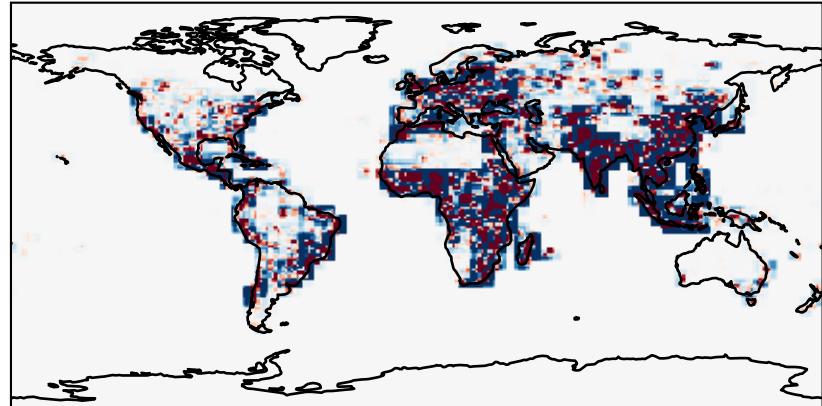
GCHP\_13.4.0-rc.4 (Dev)  
c48



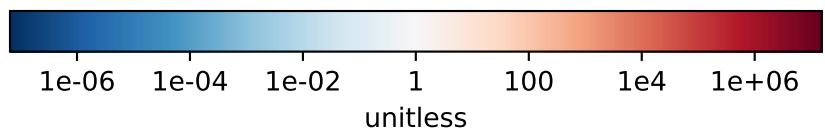
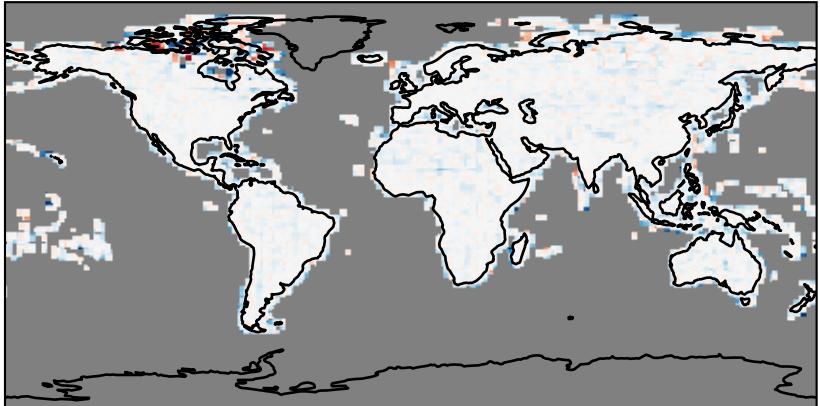
Difference (1x1.25)  
Dev - Ref, Dynamic Range



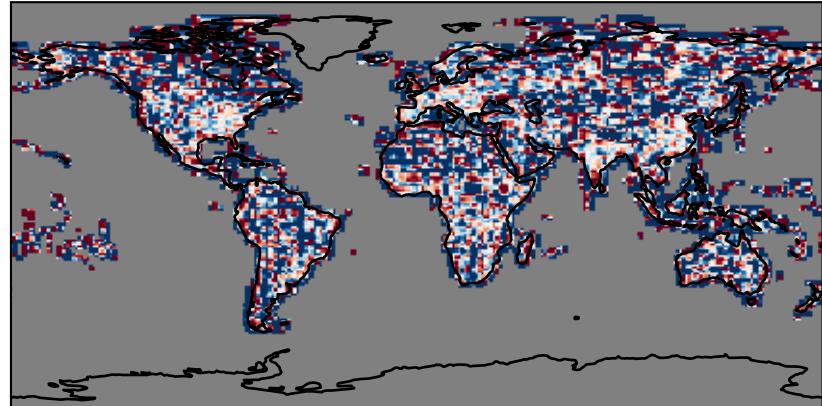
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%, 95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

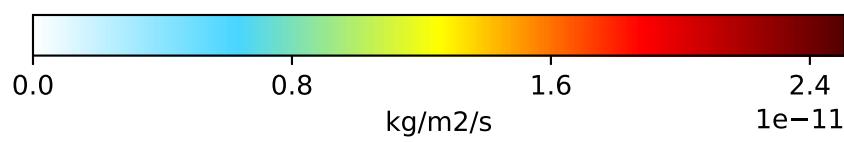
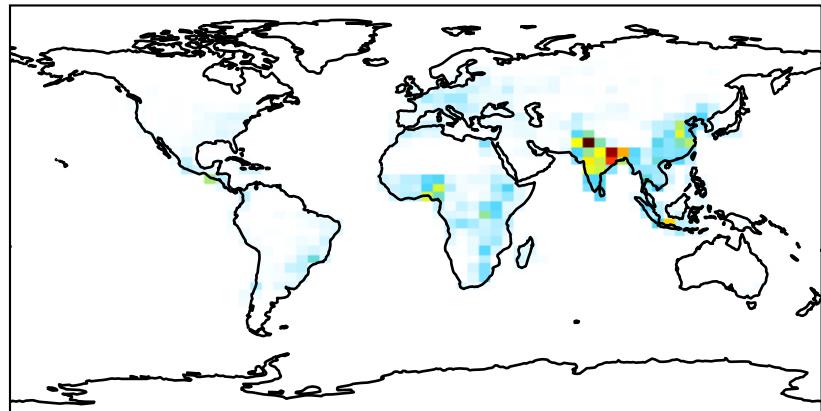


Ratio (1x1.25)  
Dev/Ref, Fixed Range

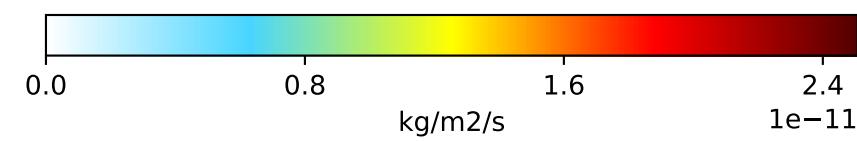
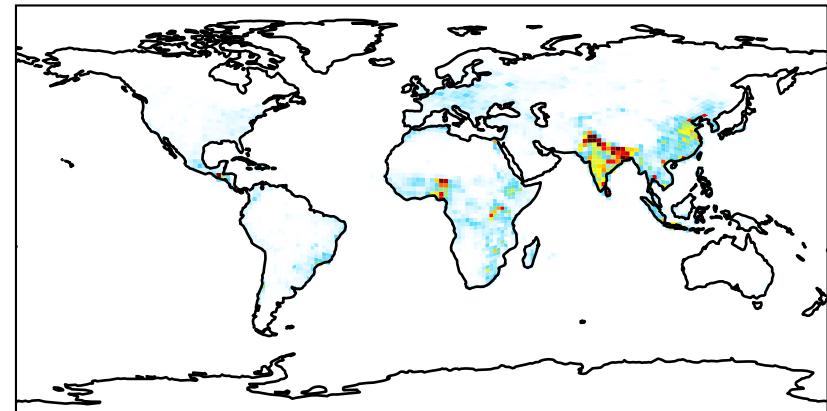


# EmisOCPO\_Anthro

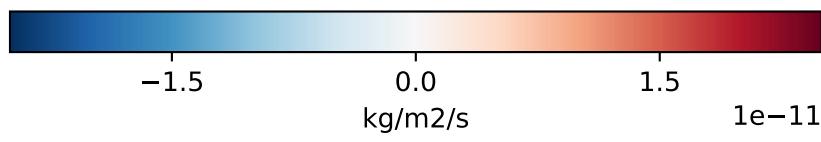
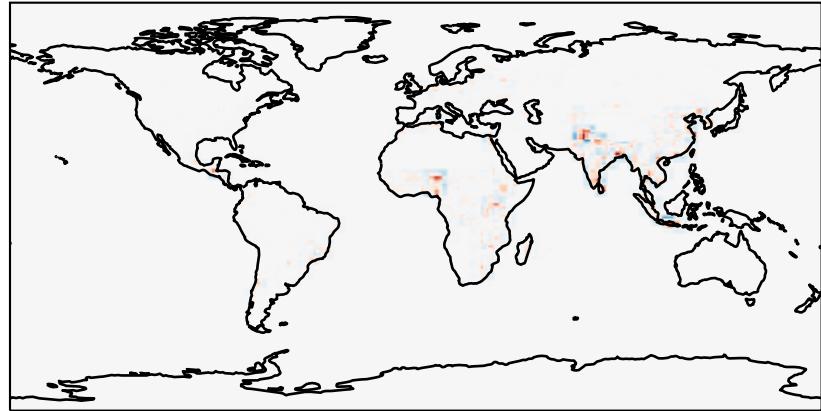
GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



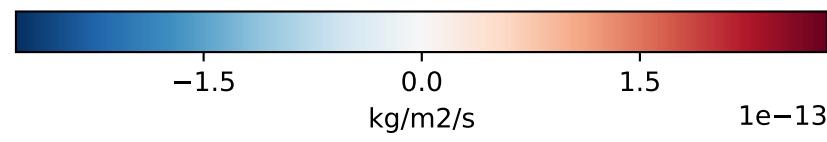
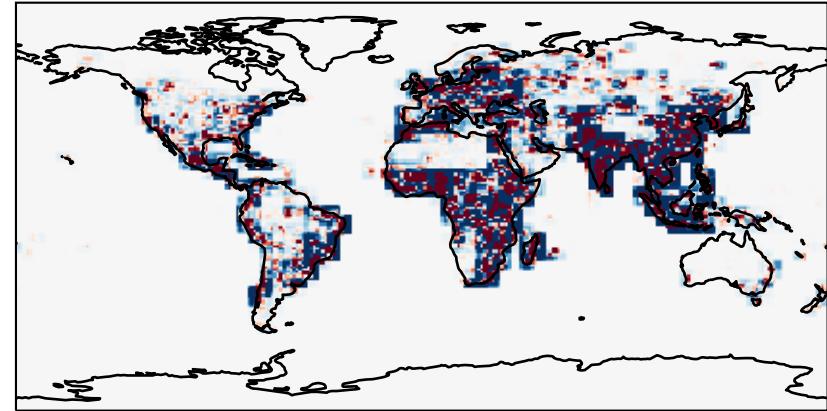
GCHP\_13.4.0-rc.4 (Dev)  
c48



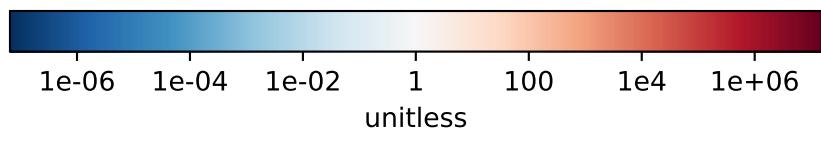
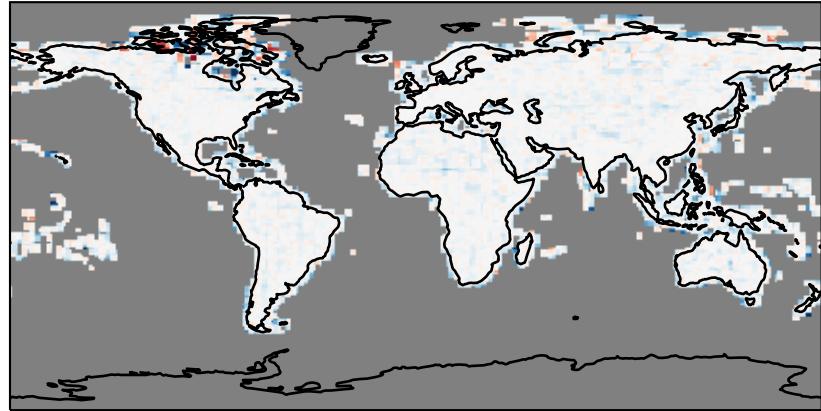
Difference (1x1.25)  
Dev - Ref, Dynamic Range



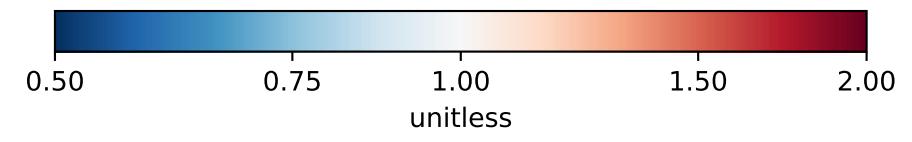
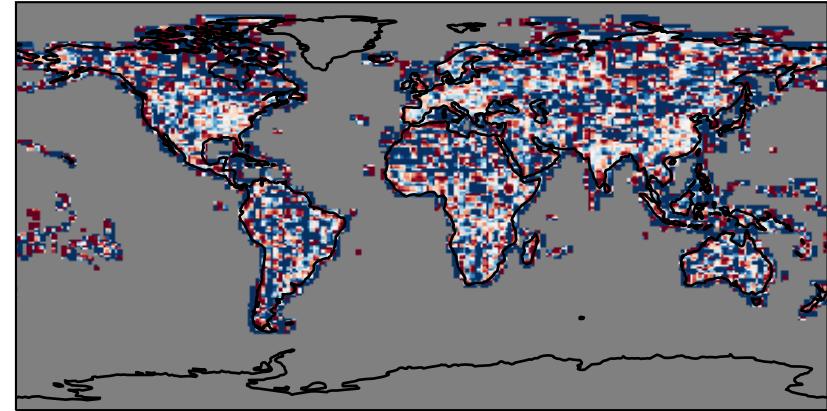
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

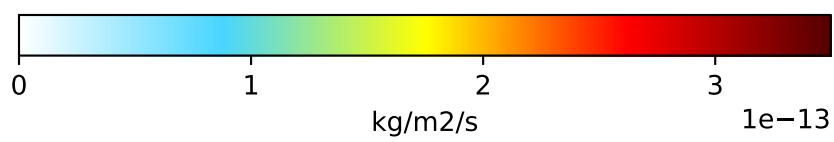
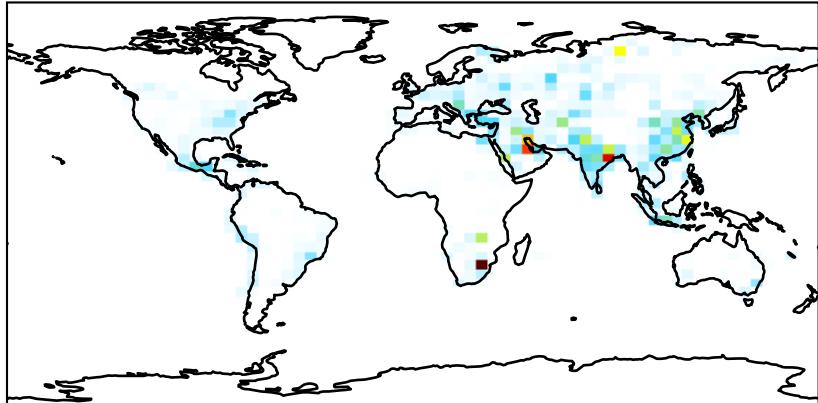


Ratio (1x1.25)  
Dev/Ref, Fixed Range

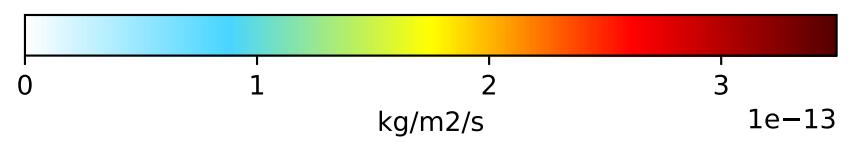
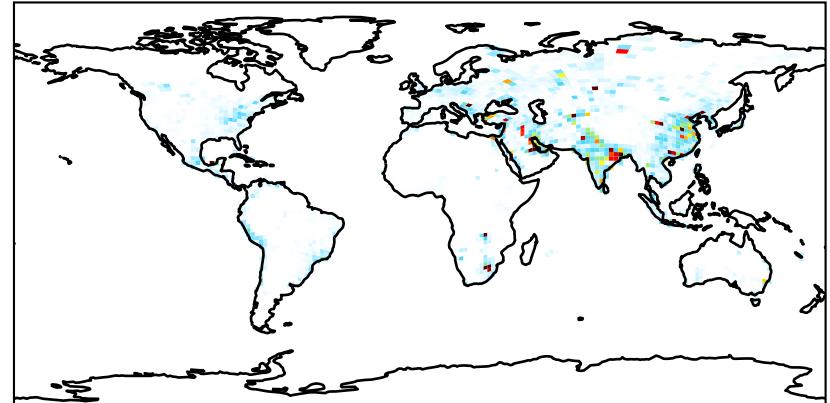


# EmispFe\_Anthro

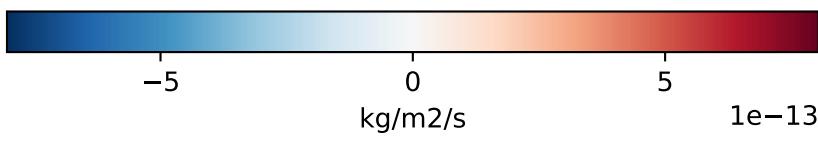
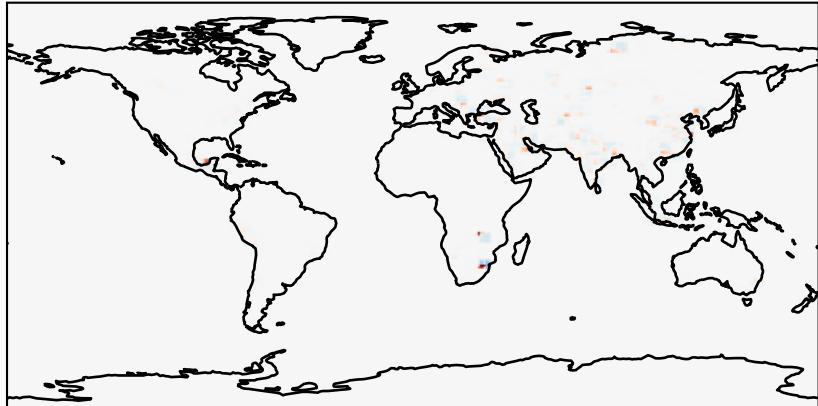
GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



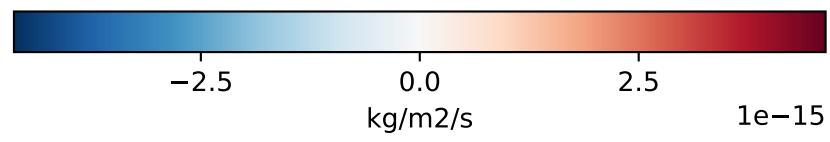
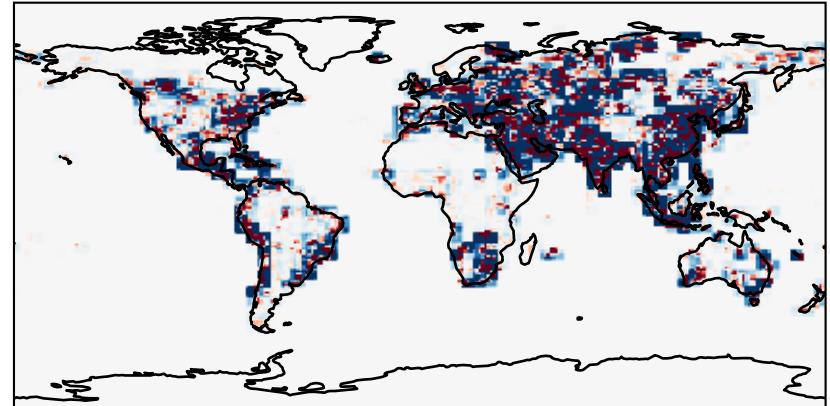
GCHP\_13.4.0-rc.4 (Dev)  
c48



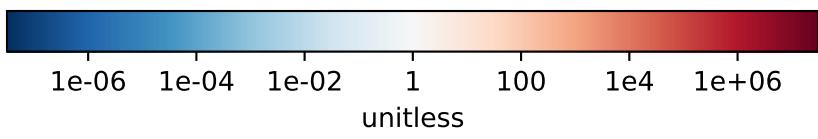
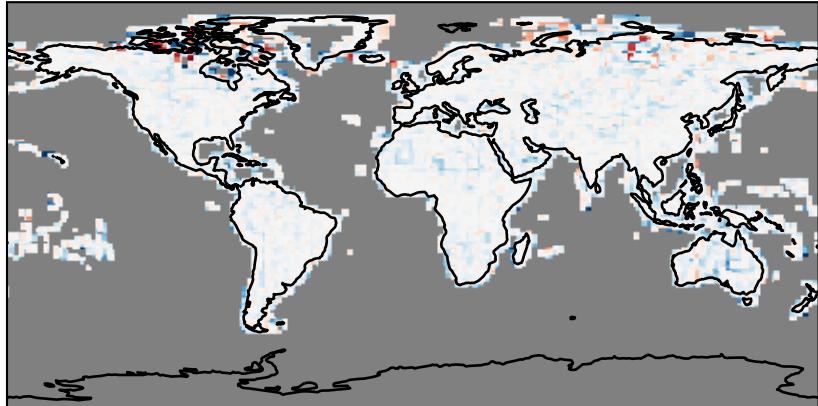
Difference (1x1.25)  
Dev - Ref, Dynamic Range



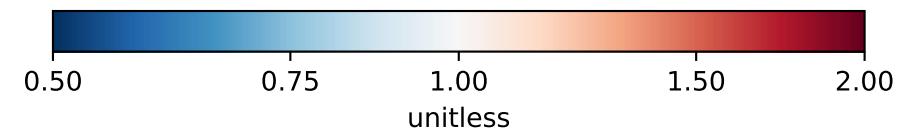
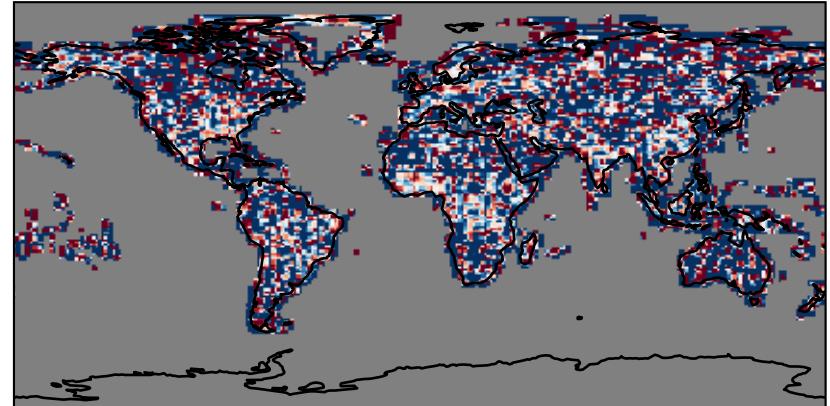
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

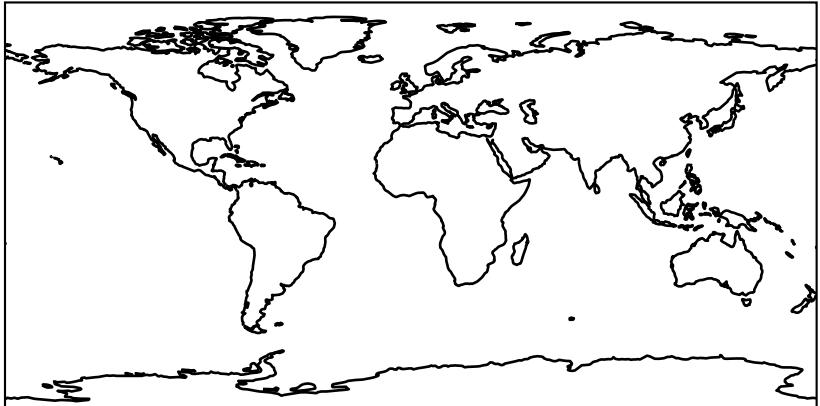


Ratio (1x1.25)  
Dev/Ref, Fixed Range



# EmisPOG1\_Anthro

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



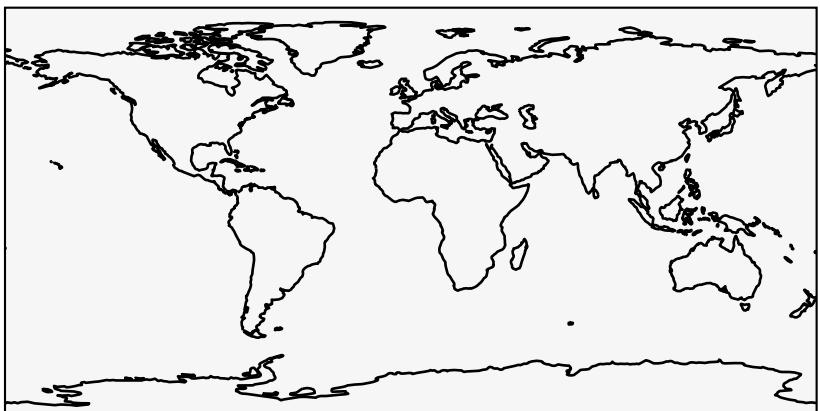
Zero throughout domain  
kg/m<sup>2</sup>/s

GCHP\_13.4.0-rc.4 (Dev)  
c48



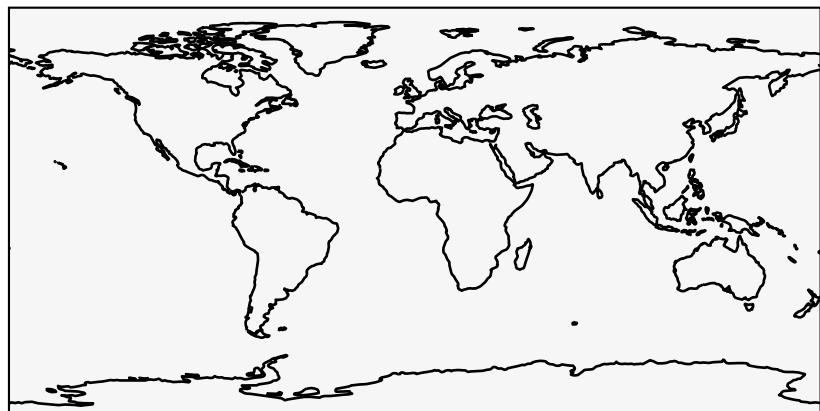
Zero throughout domain  
kg/m<sup>2</sup>/s

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



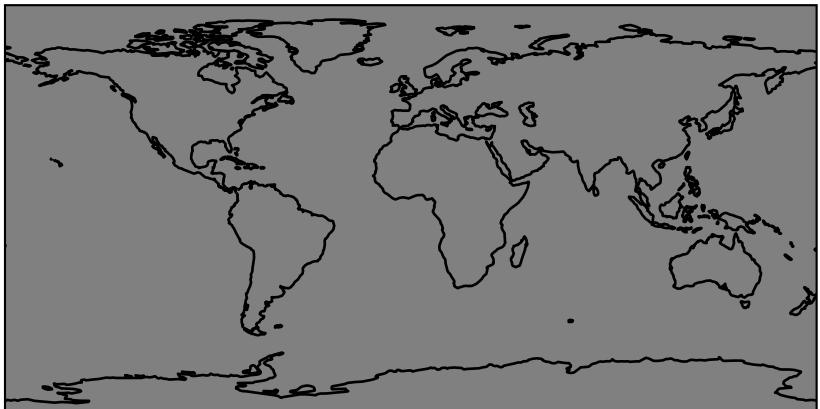
Zero throughout domain  
kg/m<sup>2</sup>/s

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



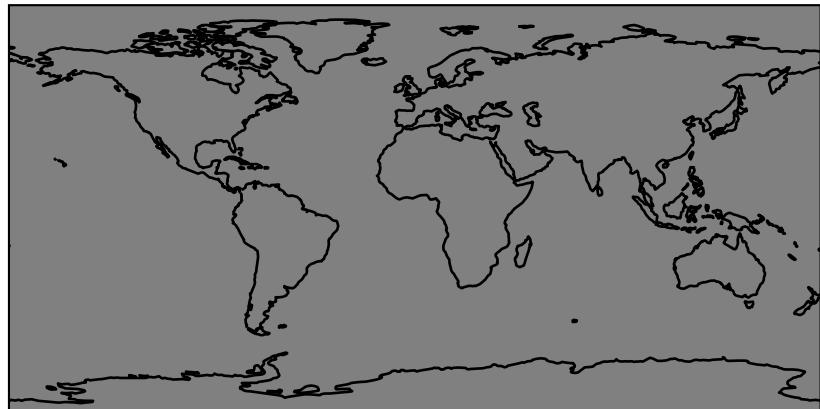
Zero throughout domain  
kg/m<sup>2</sup>/s

Ratio (1x1.25)  
Dev/Ref, Dynamic Range



Undefined throughout domain  
unitless

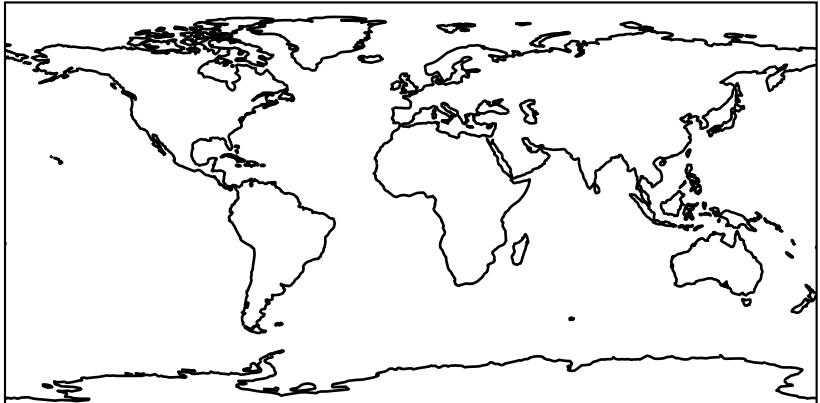
Ratio (1x1.25)  
Dev/Ref, Fixed Range



Undefined throughout domain  
unitless

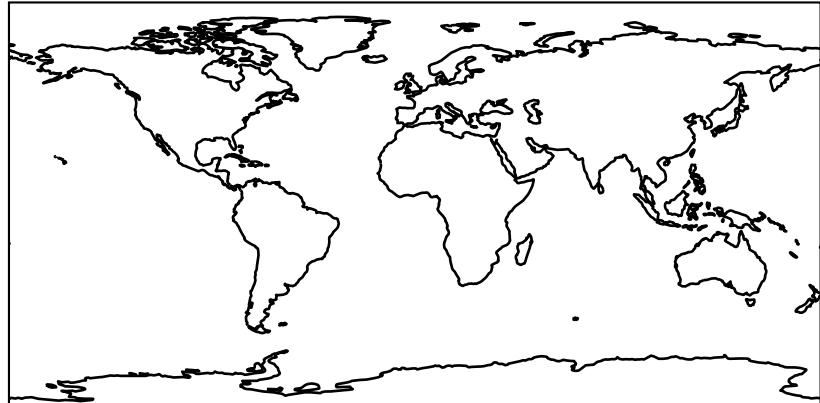
# EmisPOG2\_Anthro

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



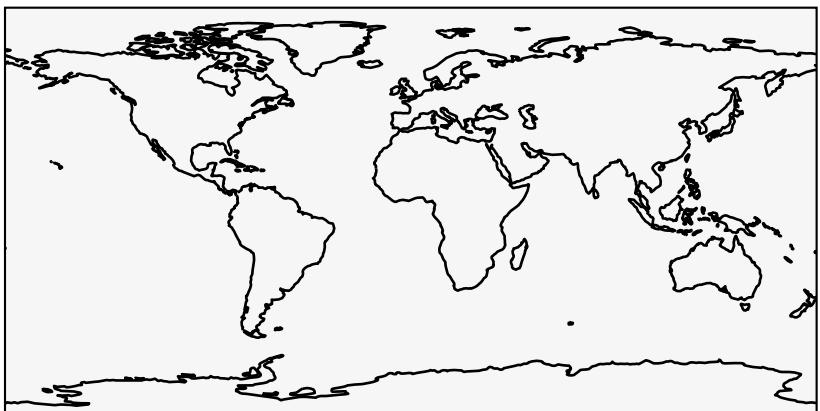
Zero throughout domain  
kg/m<sup>2</sup>/s

GCHP\_13.4.0-rc.4 (Dev)  
c48



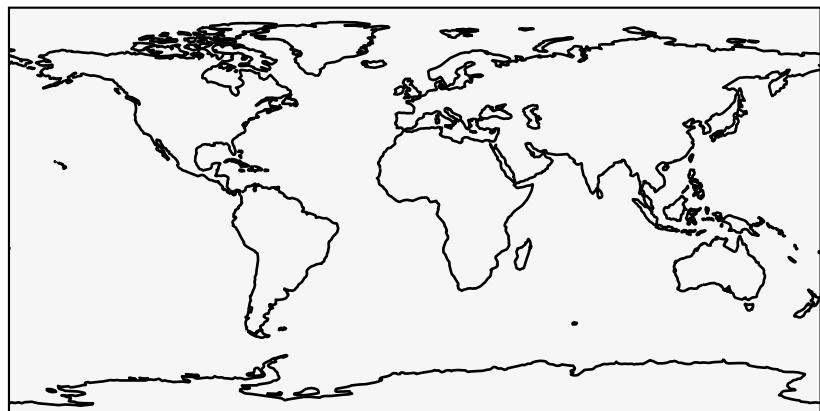
Zero throughout domain  
kg/m<sup>2</sup>/s

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



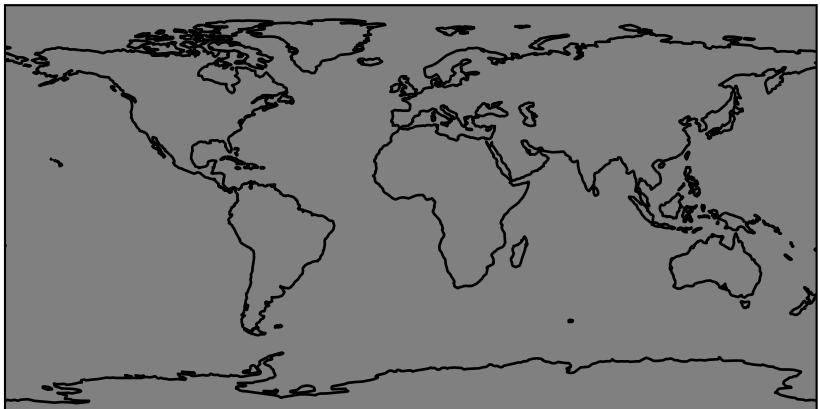
Zero throughout domain  
kg/m<sup>2</sup>/s

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



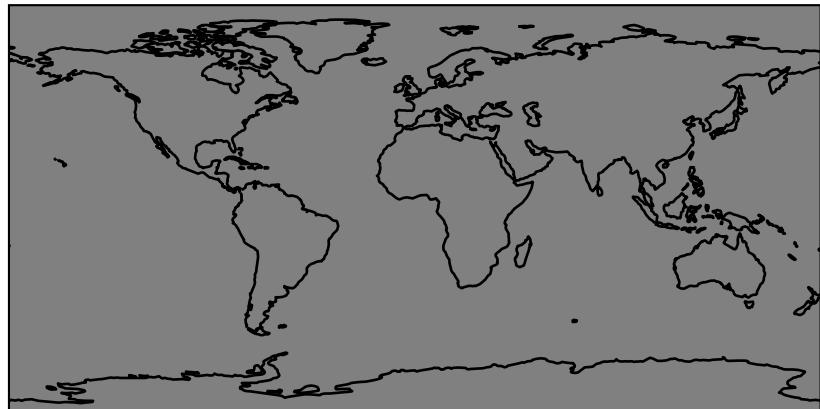
Zero throughout domain  
kg/m<sup>2</sup>/s

Ratio (1x1.25)  
Dev/Ref, Dynamic Range



Undefined throughout domain  
unitless

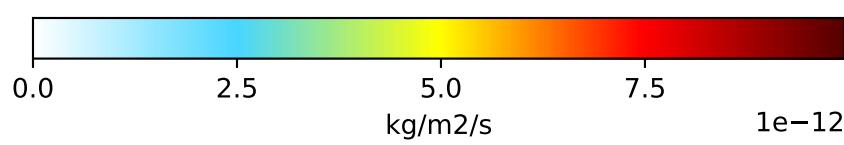
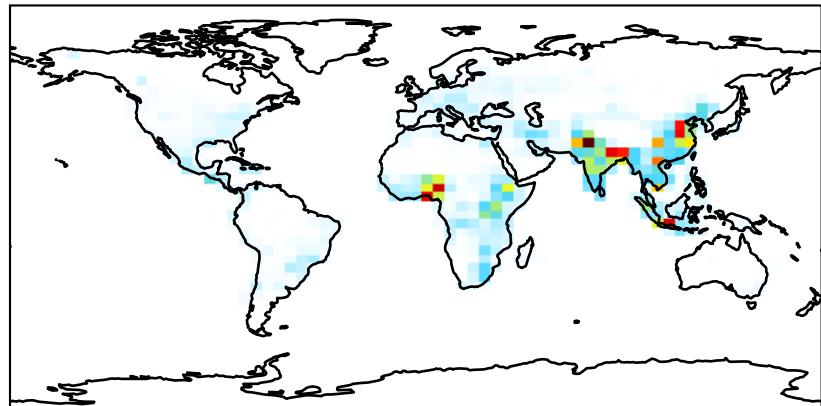
Ratio (1x1.25)  
Dev/Ref, Fixed Range



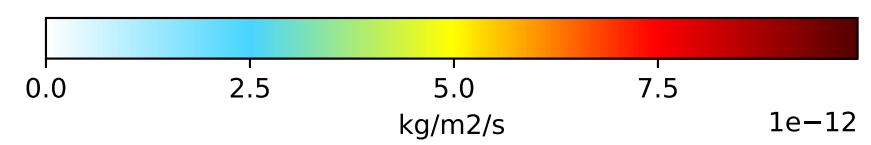
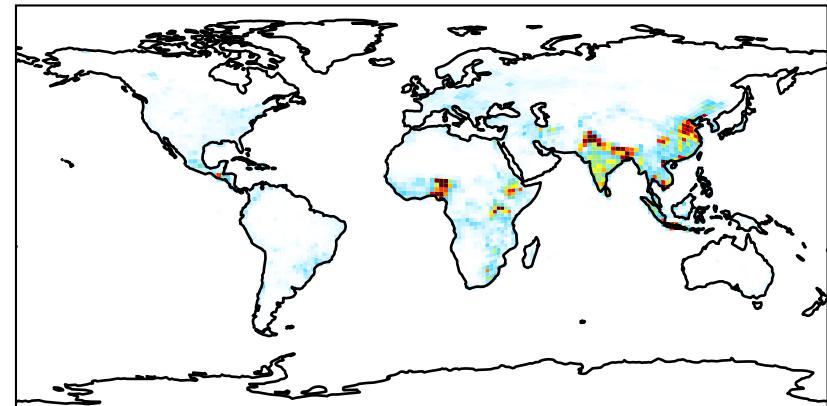
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unitless

# EmisPRPE\_Anthro

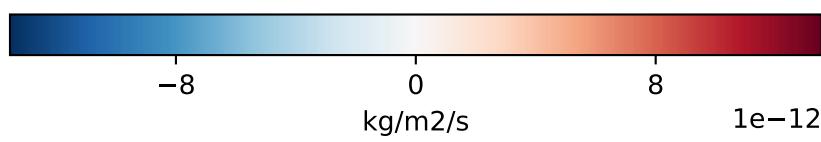
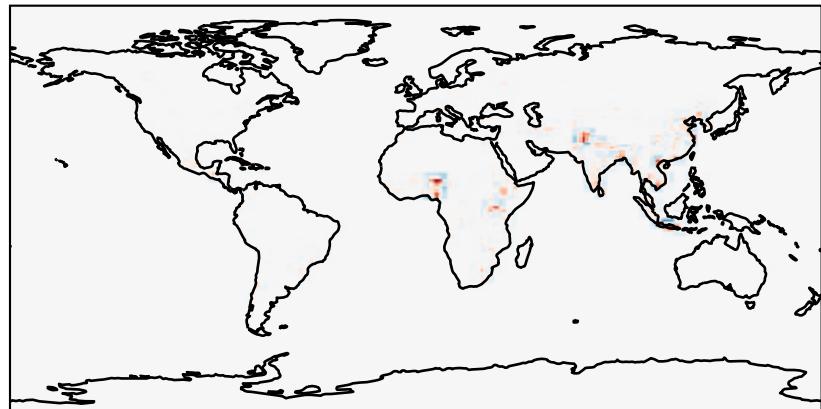
GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



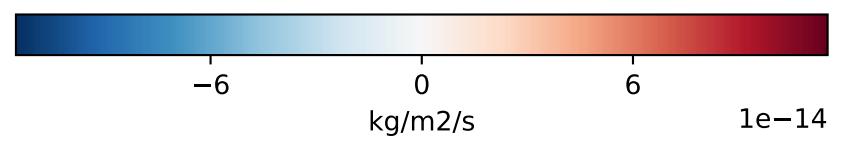
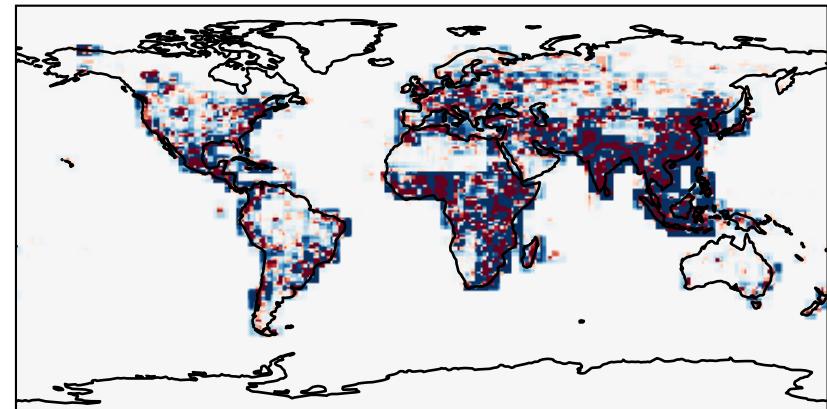
GCHP\_13.4.0-rc.4 (Dev)  
c48



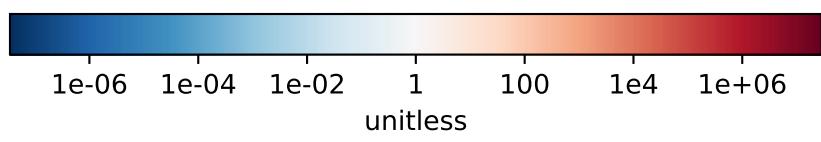
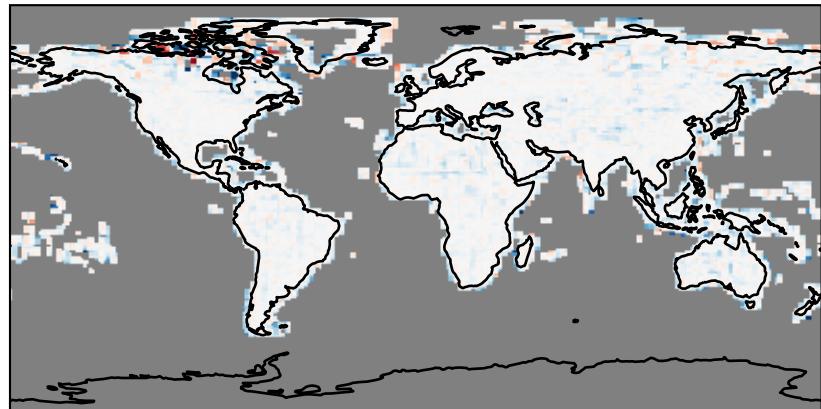
Difference (1x1.25)  
Dev - Ref, Dynamic Range



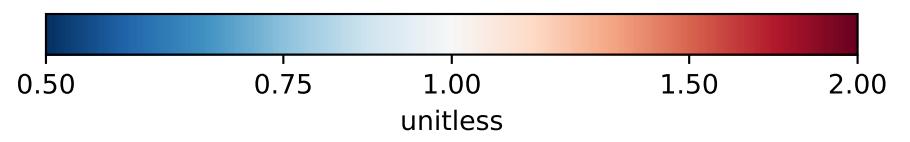
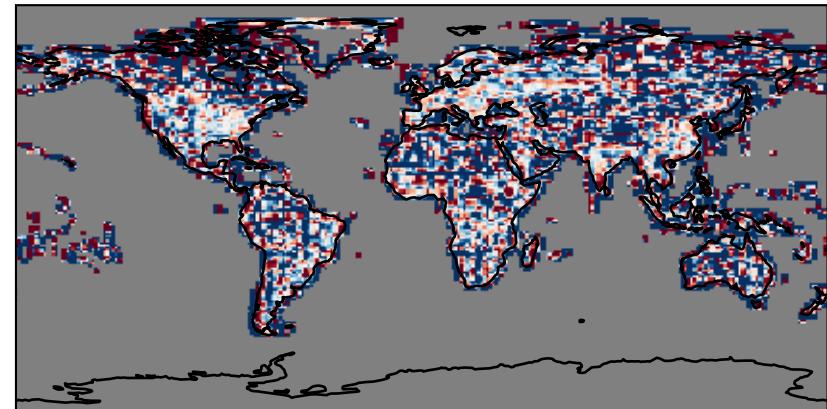
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%, 95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

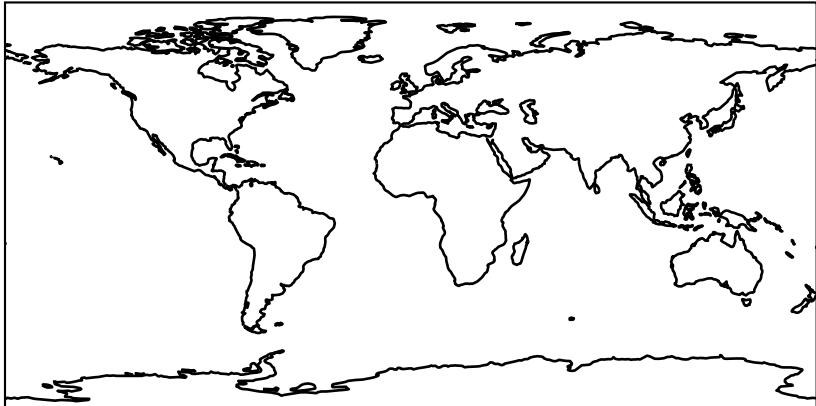


Ratio (1x1.25)  
Dev/Ref, Fixed Range



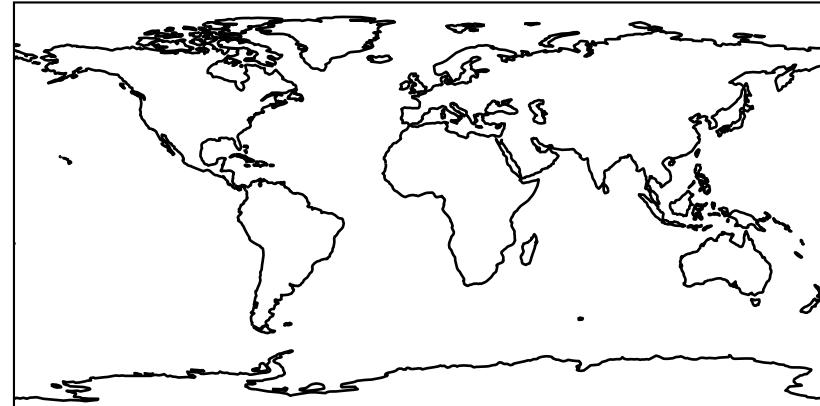
# EmisRCHO\_Anthro

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



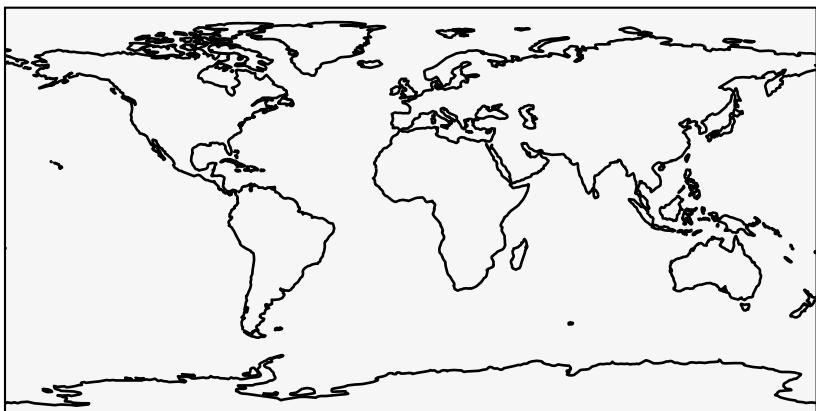
Zero throughout domain  
kg/m<sup>2</sup>/s

GCHP\_13.4.0-rc.4 (Dev)  
c48



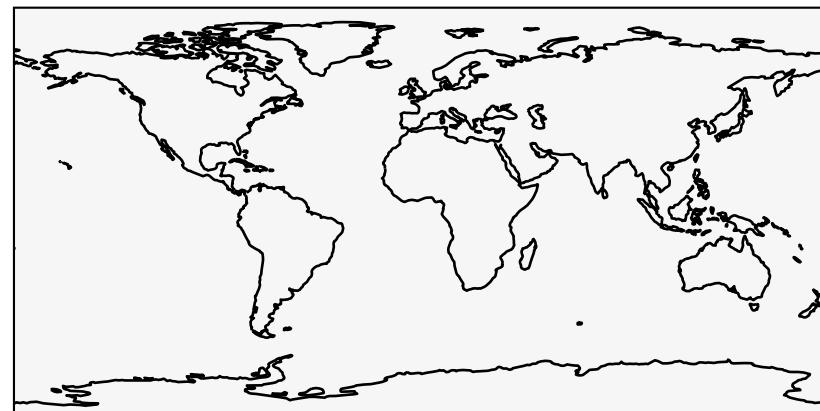
Zero throughout domain  
kg/m<sup>2</sup>/s

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



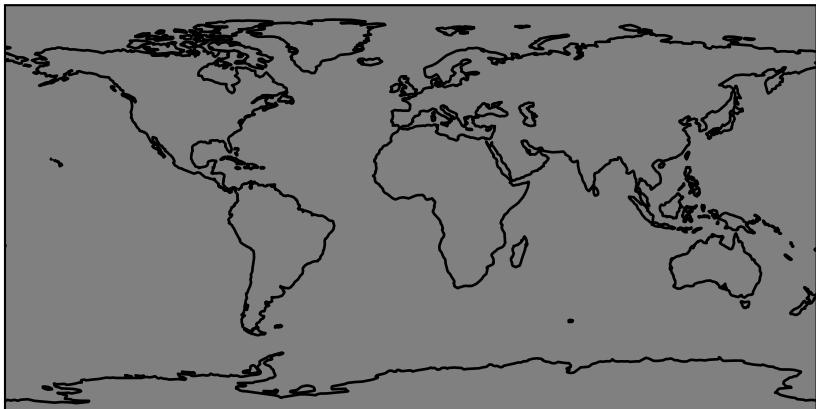
Zero throughout domain  
kg/m<sup>2</sup>/s

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



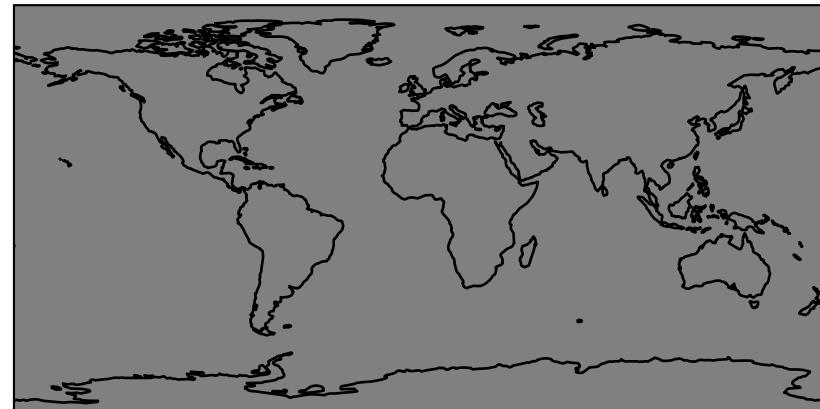
Zero throughout domain  
kg/m<sup>2</sup>/s

Ratio (1x1.25)  
Dev/Ref, Dynamic Range



Undefined throughout domain  
unitless

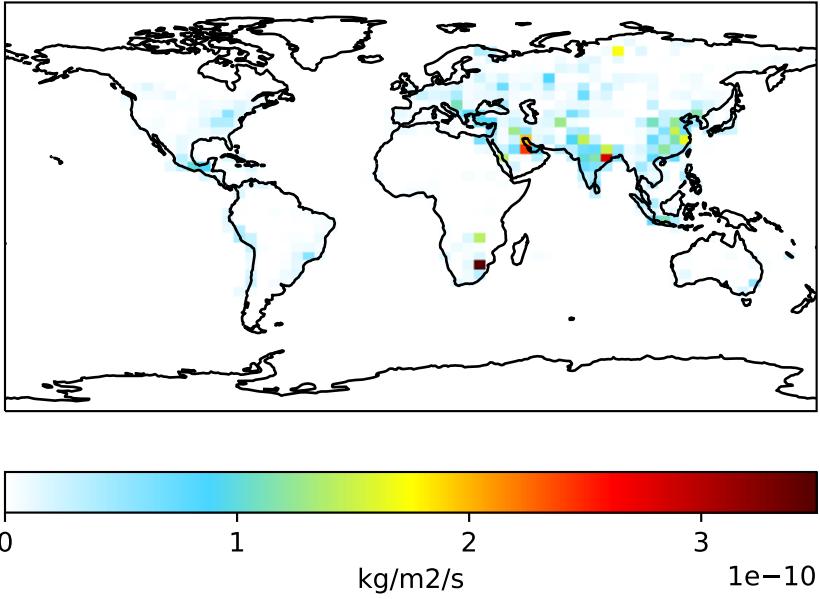
Ratio (1x1.25)  
Dev/Ref, Fixed Range



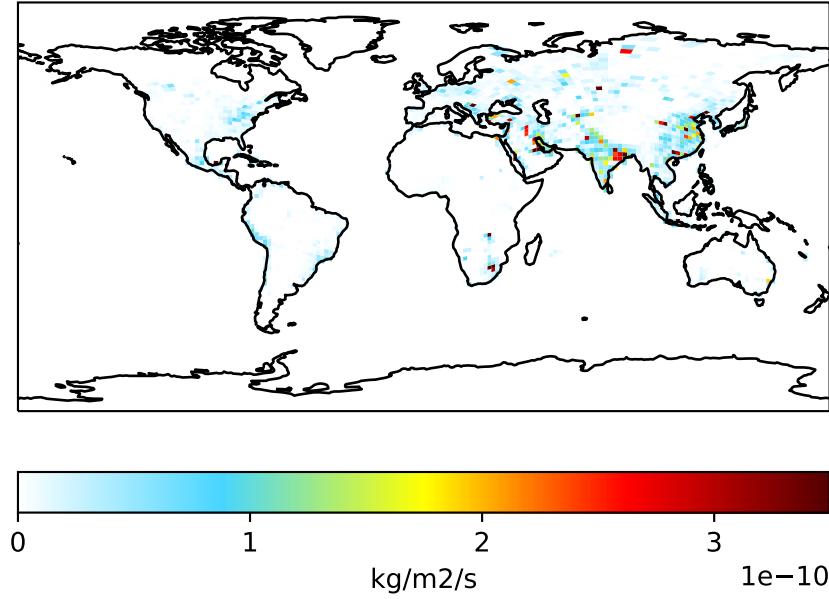
Undefined throughout domain  
unitless

# EmisSO2\_Anthro

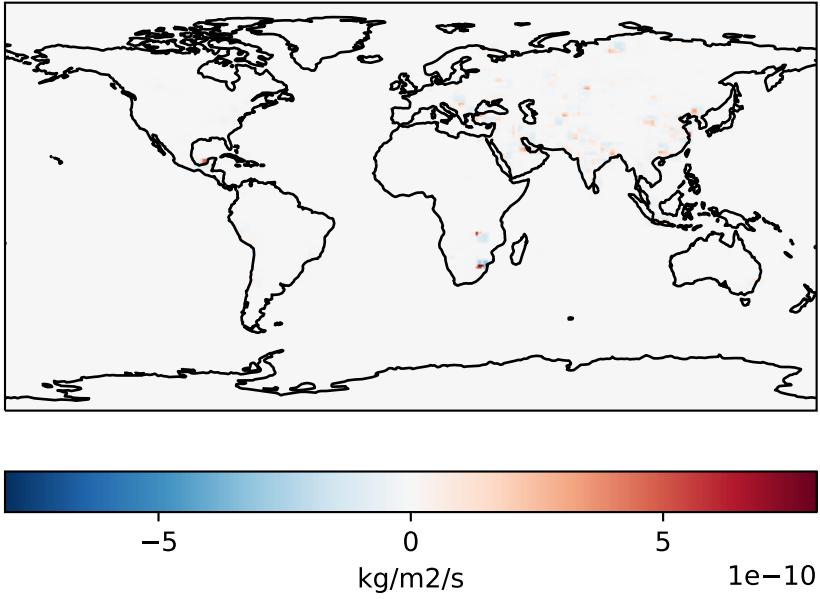
GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



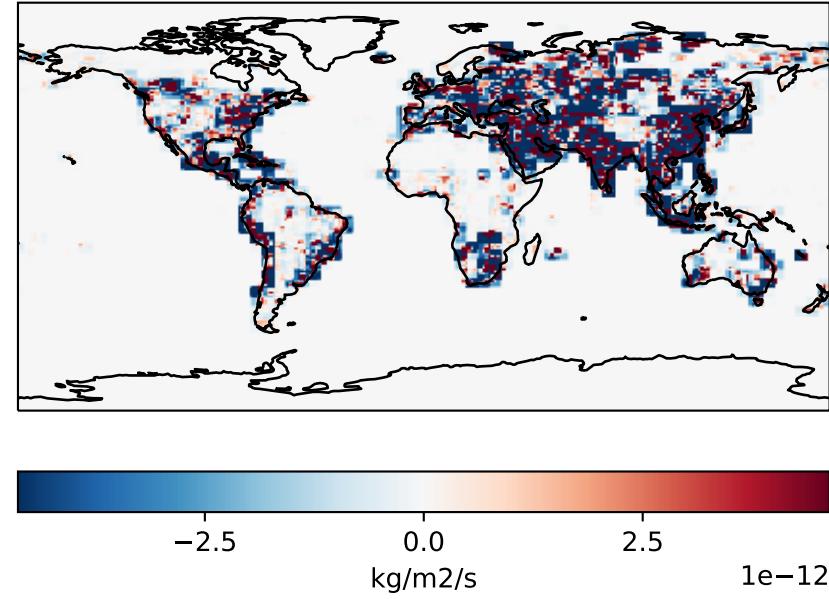
GCHP\_13.4.0-rc.4 (Dev)  
c48



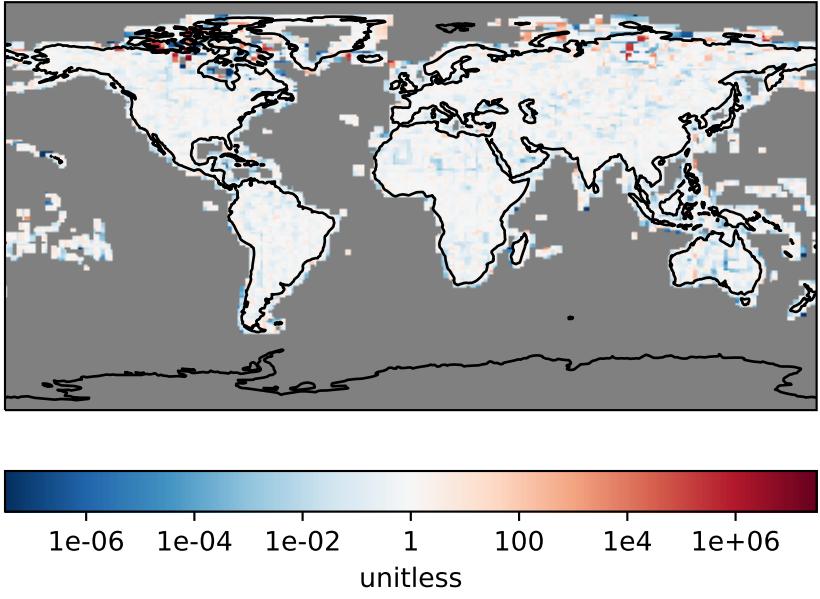
Difference (1x1.25)  
Dev - Ref, Dynamic Range



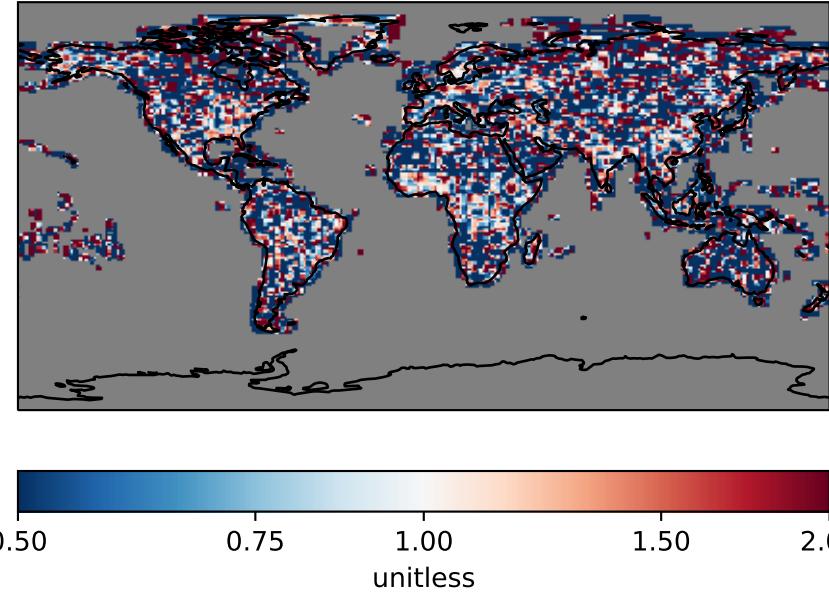
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%, 95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

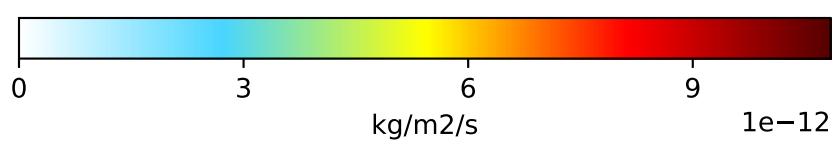
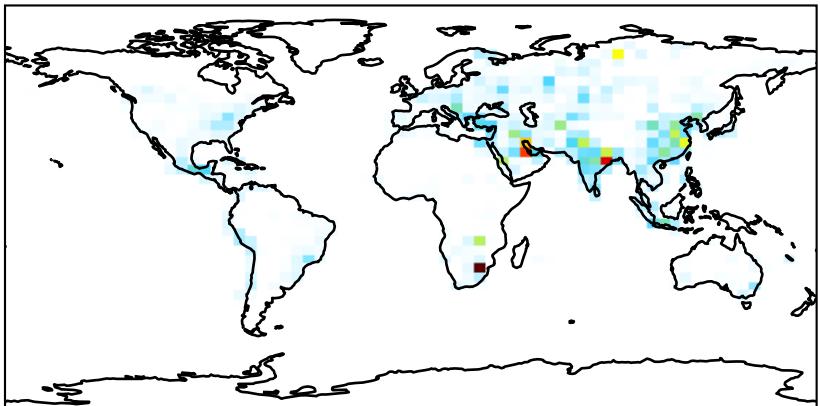


Ratio (1x1.25)  
Dev/Ref, Fixed Range

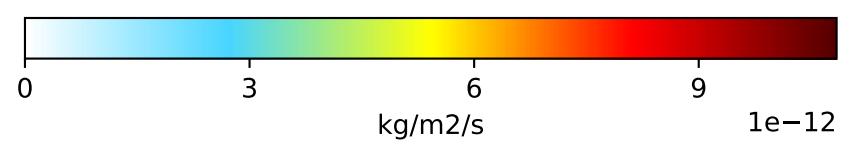
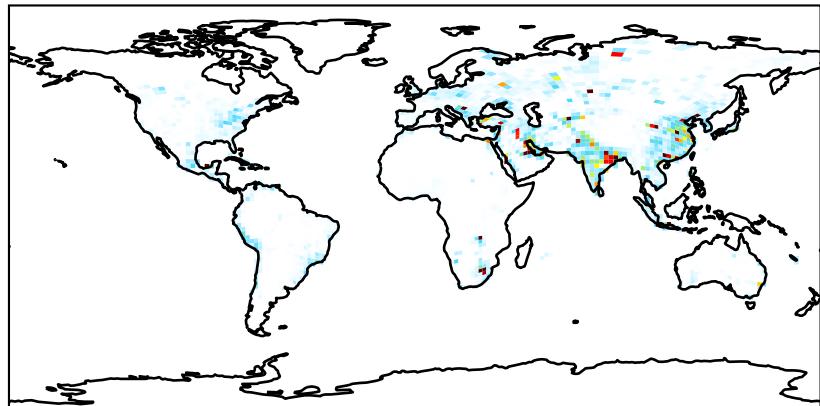


# EmisSO4\_Anthro

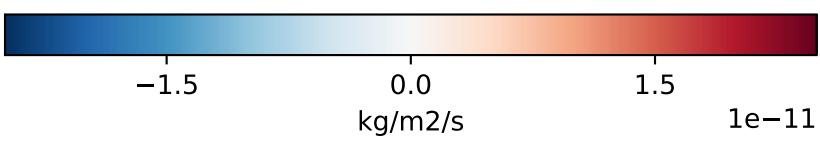
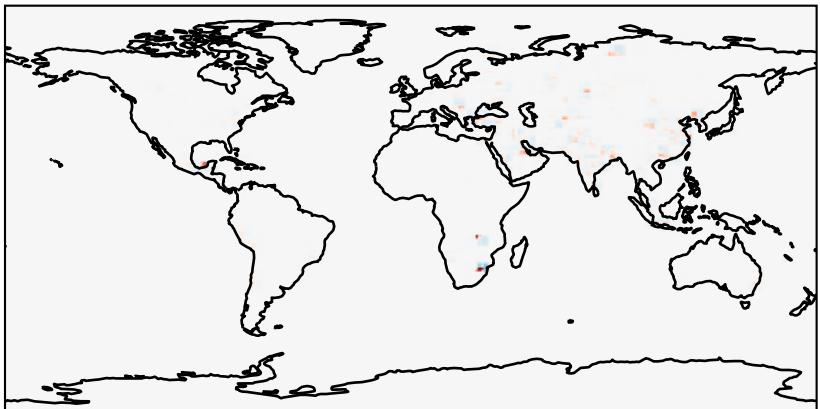
GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



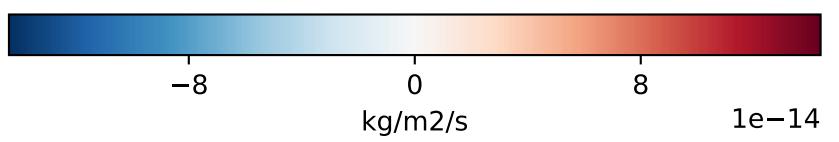
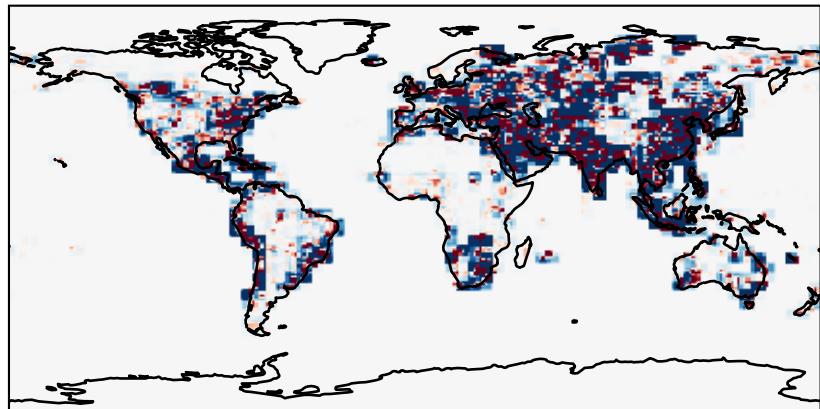
GCHP\_13.4.0-rc.4 (Dev)  
c48



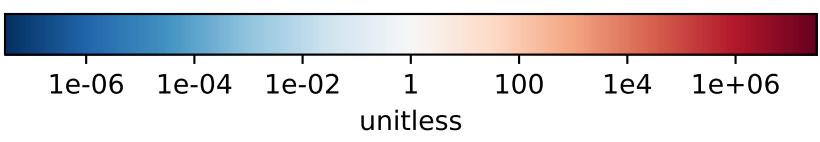
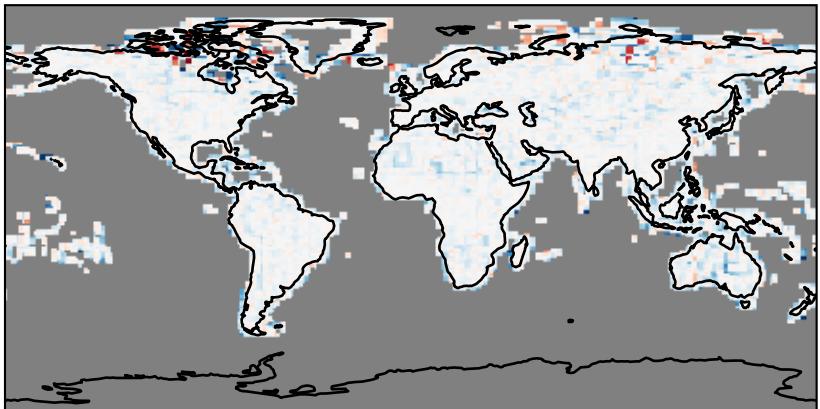
Difference (1x1.25)  
Dev - Ref, Dynamic Range



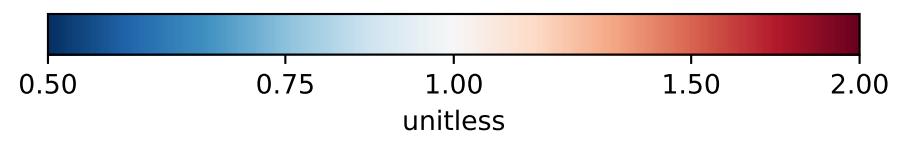
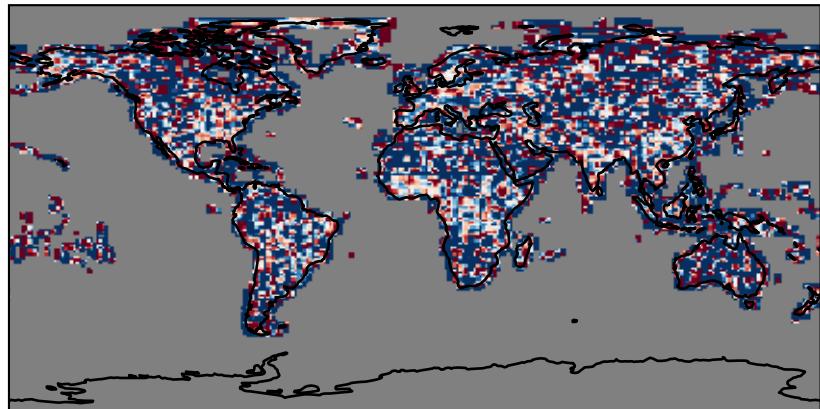
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%, 95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

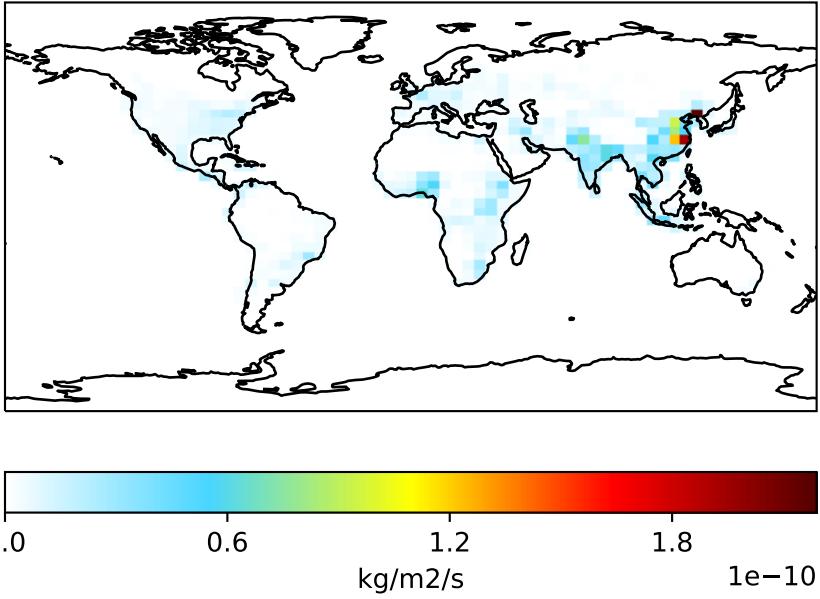


Ratio (1x1.25)  
Dev/Ref, Fixed Range

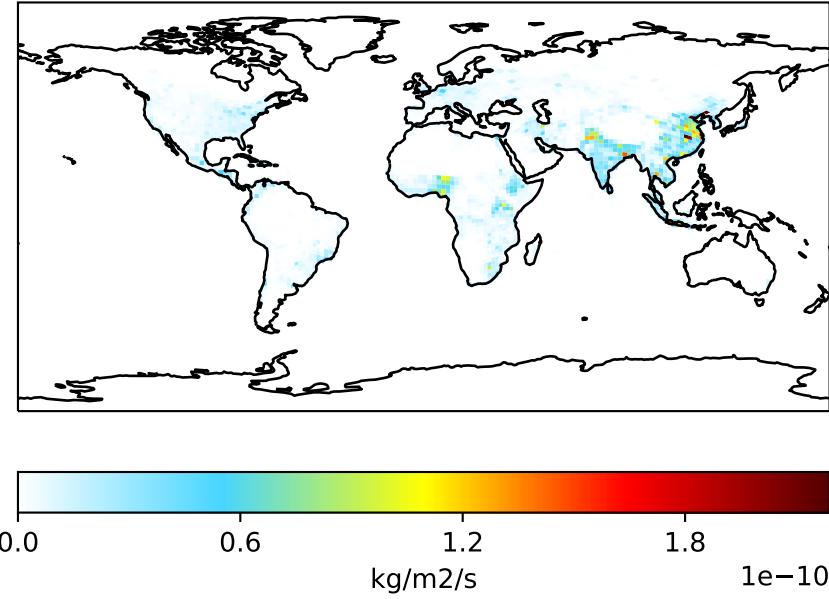


# EmisSOAP\_Anthro

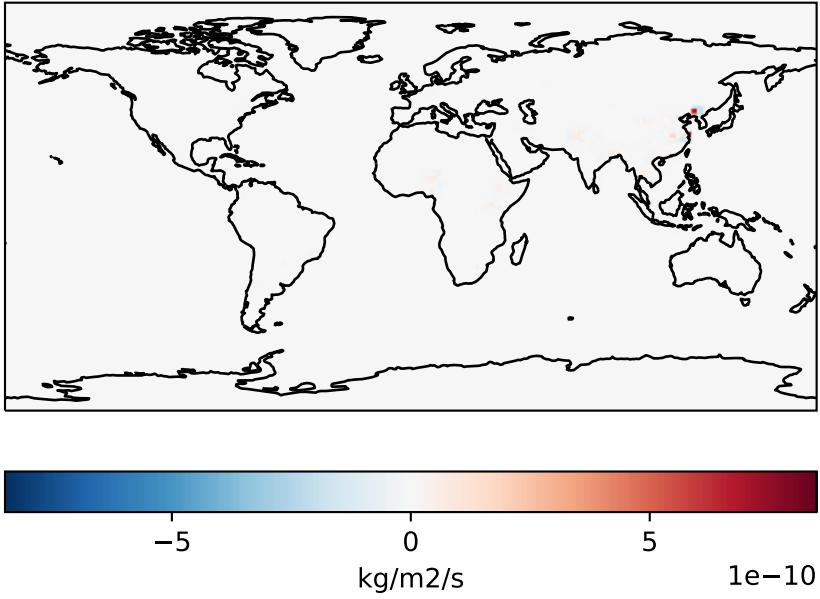
GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



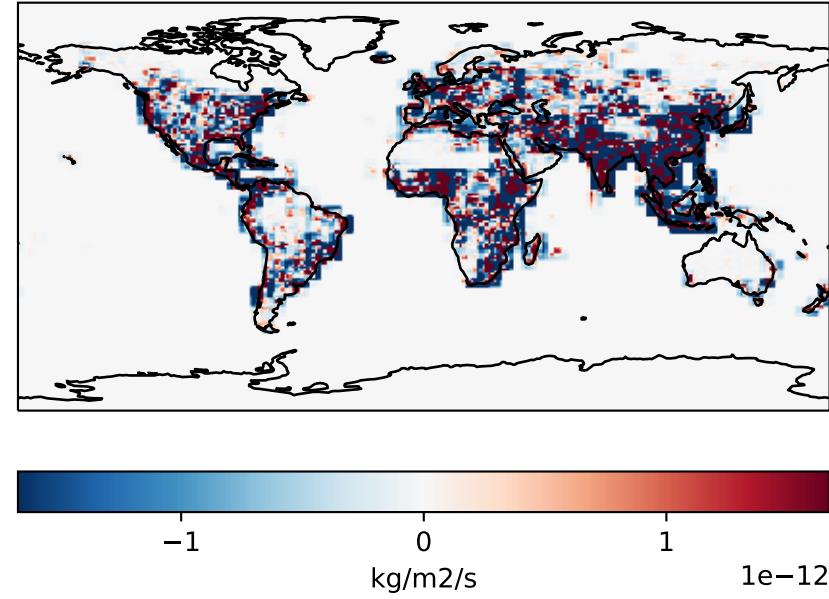
GCHP\_13.4.0-rc.4 (Dev)  
c48



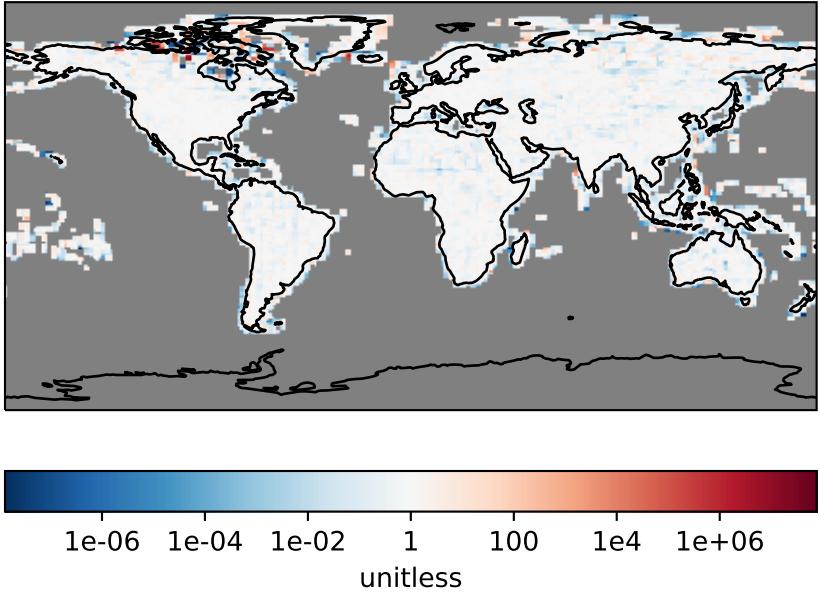
Difference (1x1.25)  
Dev - Ref, Dynamic Range



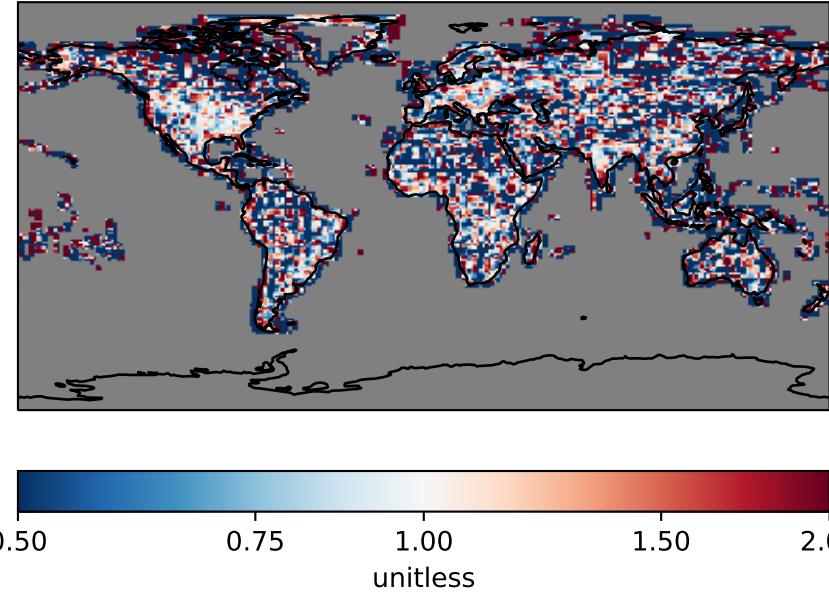
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%, 95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

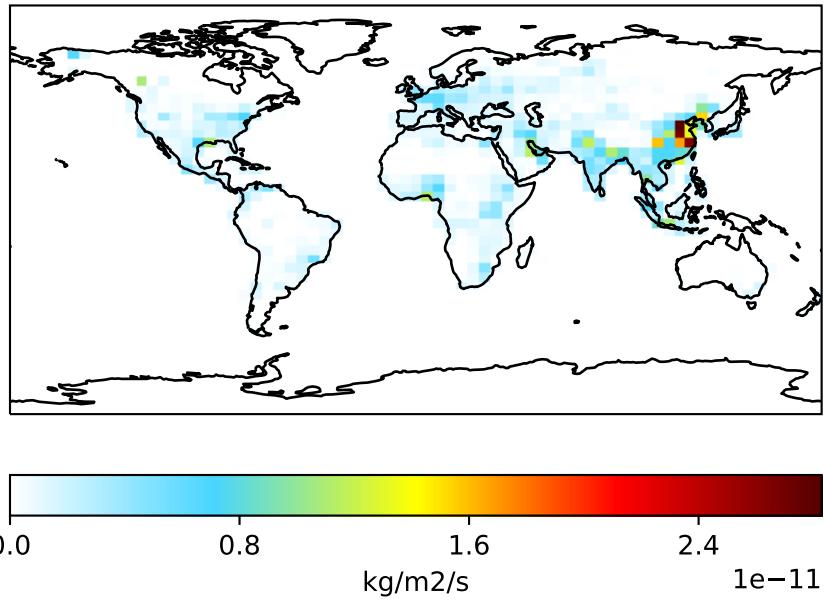


Ratio (1x1.25)  
Dev/Ref, Fixed Range

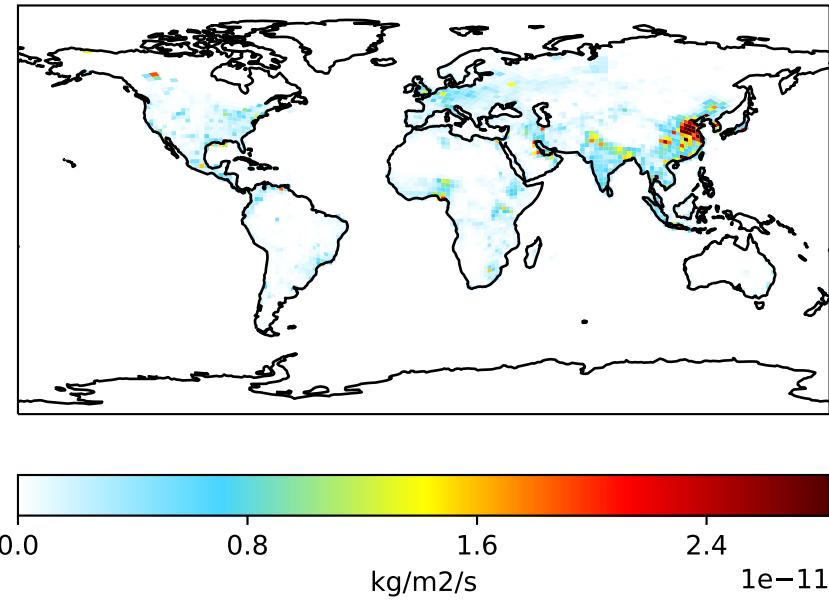


# EmisTOLU\_Anthro

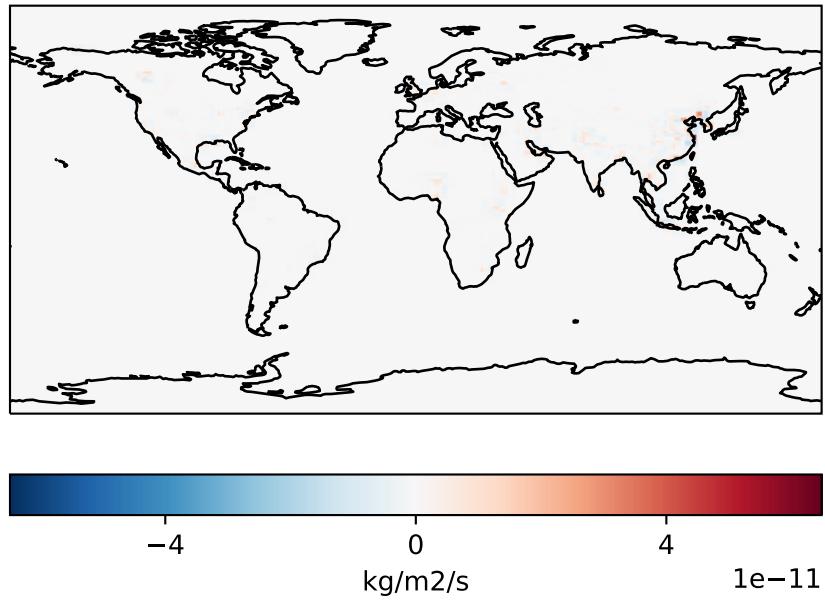
GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



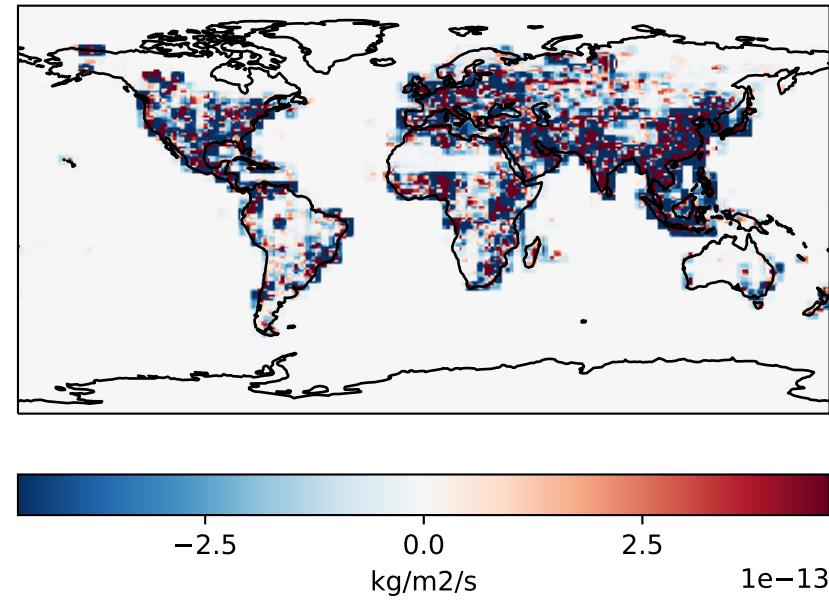
GCHP\_13.4.0-rc.4 (Dev)  
c48



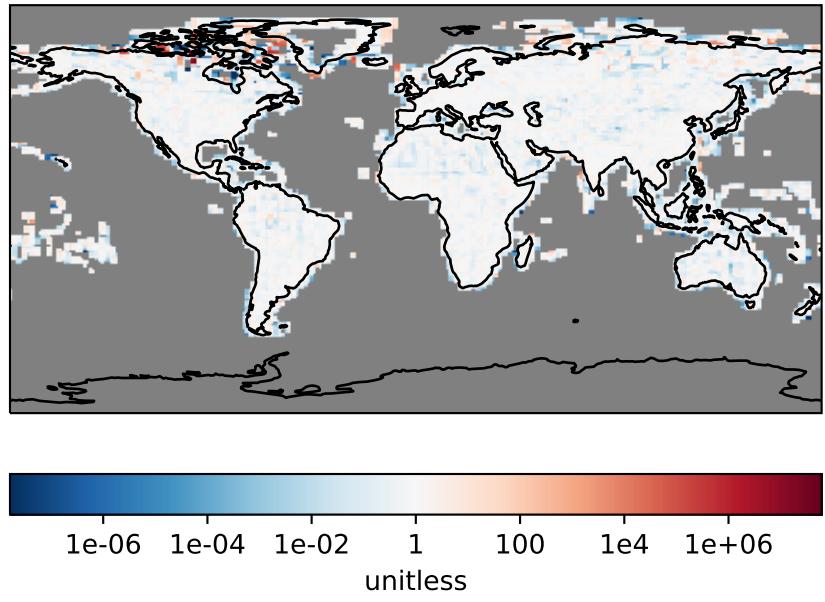
Difference (1x1.25)  
Dev - Ref, Dynamic Range



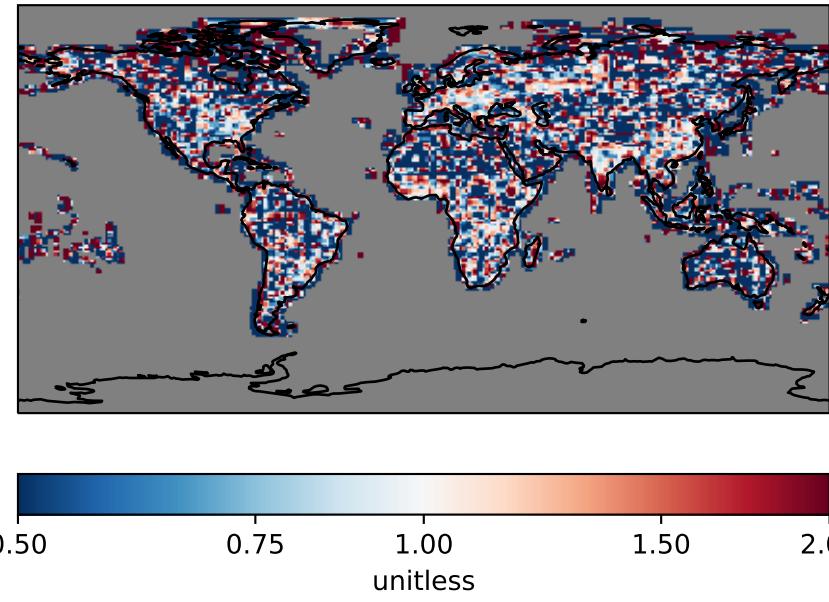
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

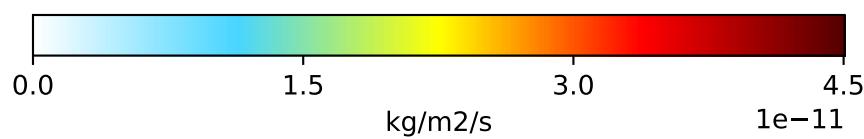
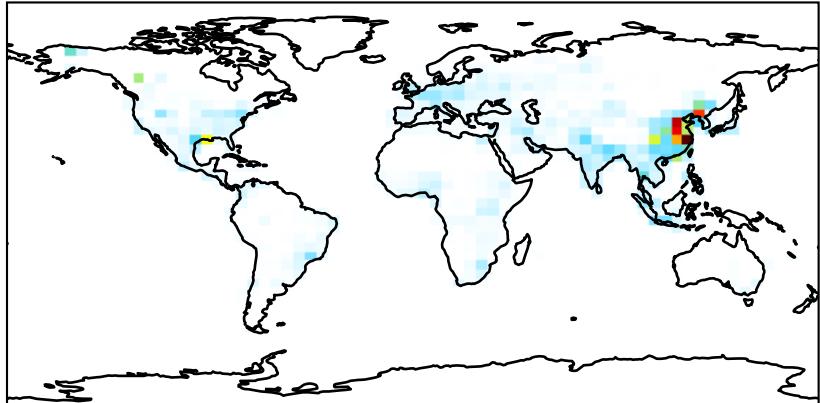


Ratio (1x1.25)  
Dev/Ref, Fixed Range

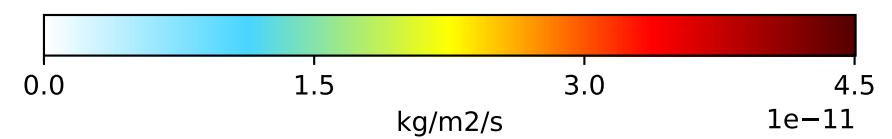
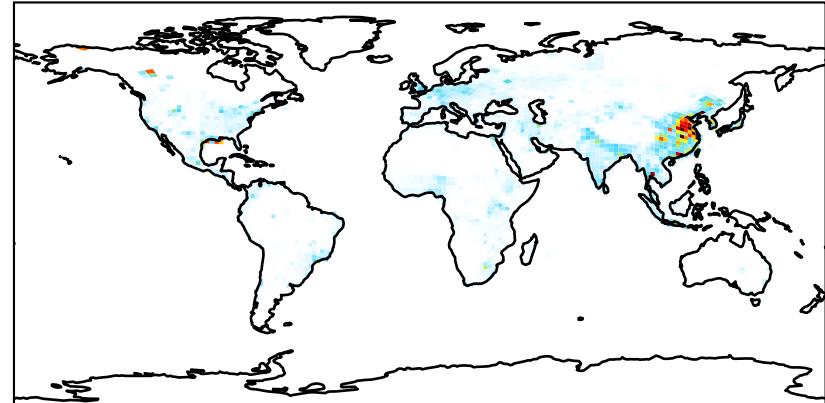


# EmisXYLE\_Anthro

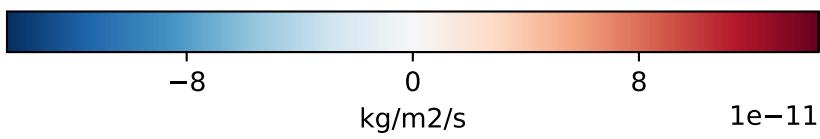
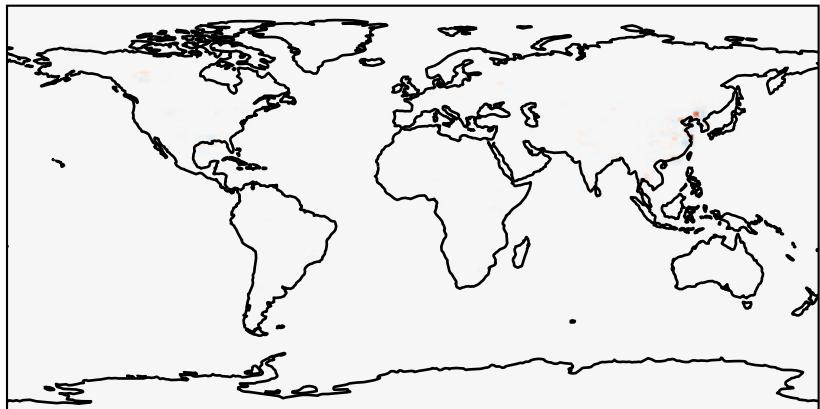
GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



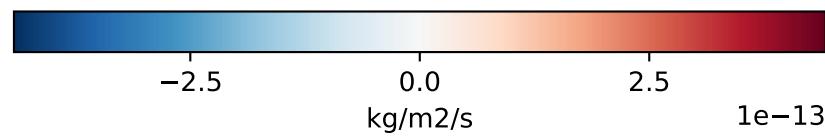
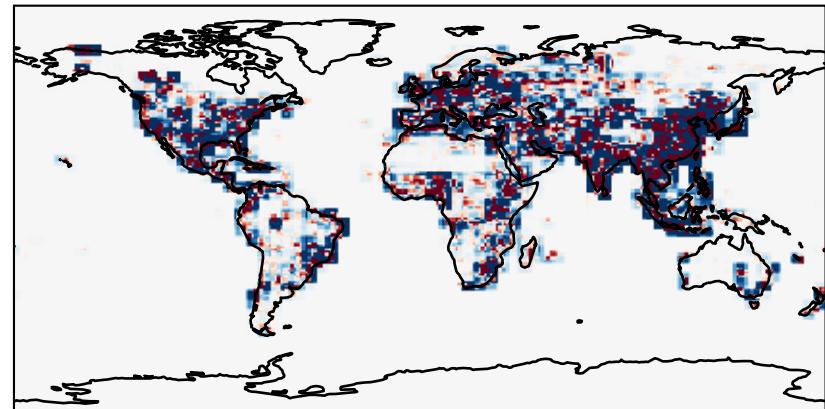
GCHP\_13.4.0-rc.4 (Dev)  
c48



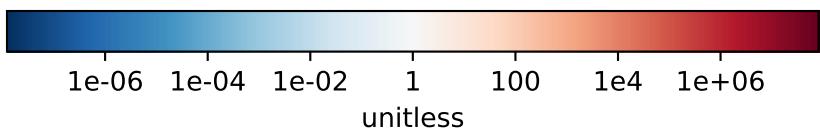
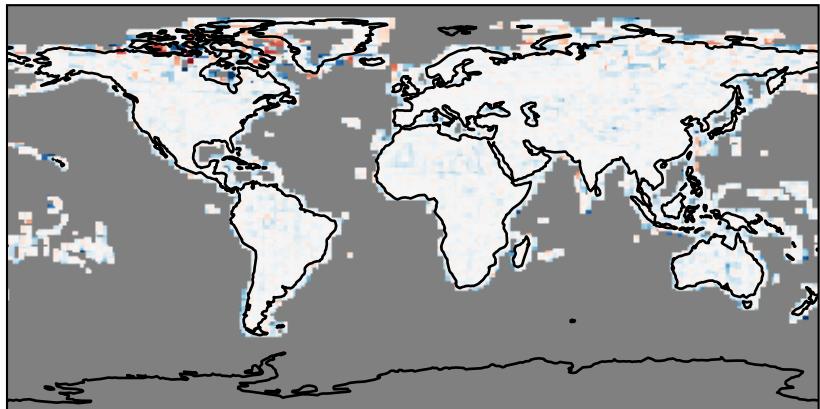
Difference (1x1.25)  
Dev - Ref, Dynamic Range



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



Ratio (1x1.25)  
Dev/Ref, Dynamic Range



Ratio (1x1.25)  
Dev/Ref, Fixed Range

