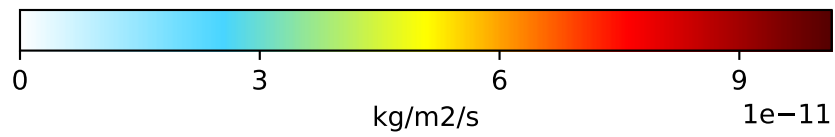
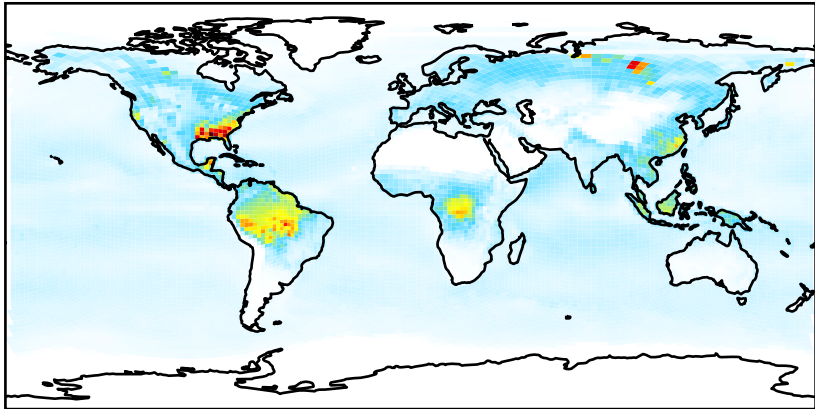
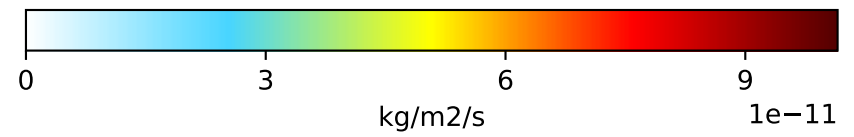
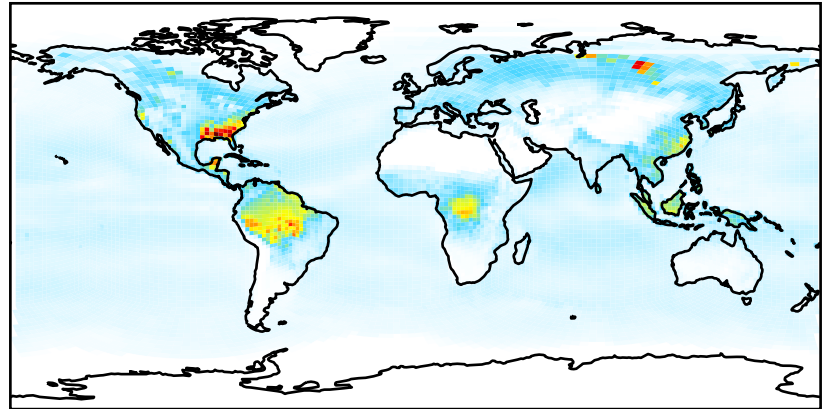


# EmisACET\_Total

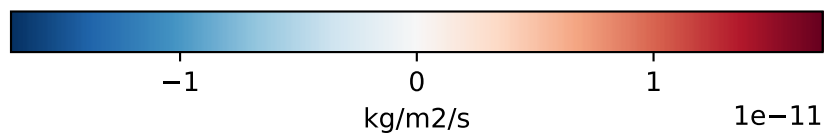
GCHP\_12.7.0 (Ref)  
c48



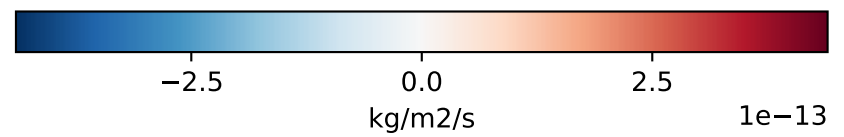
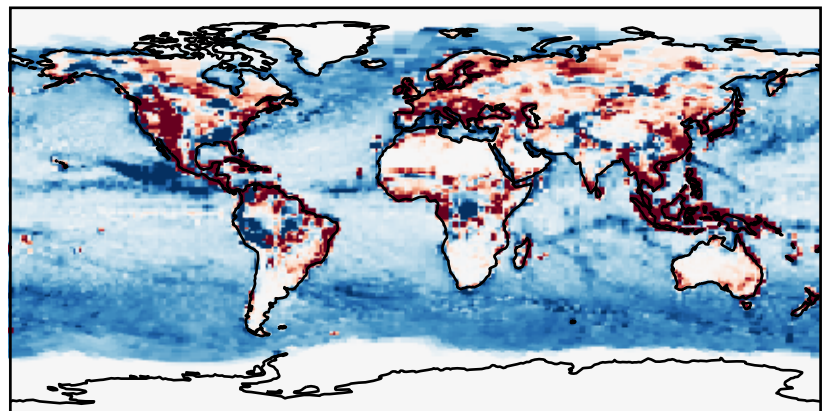
GCHP\_12.8.0 (Dev)  
c48



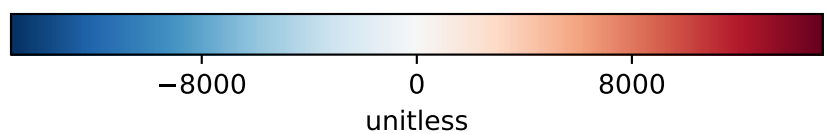
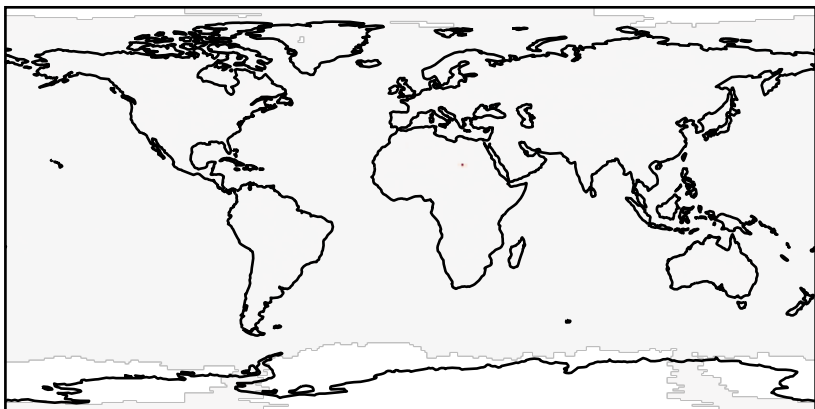
Difference (1x1.25)  
Dev - Ref, Dynamic Range



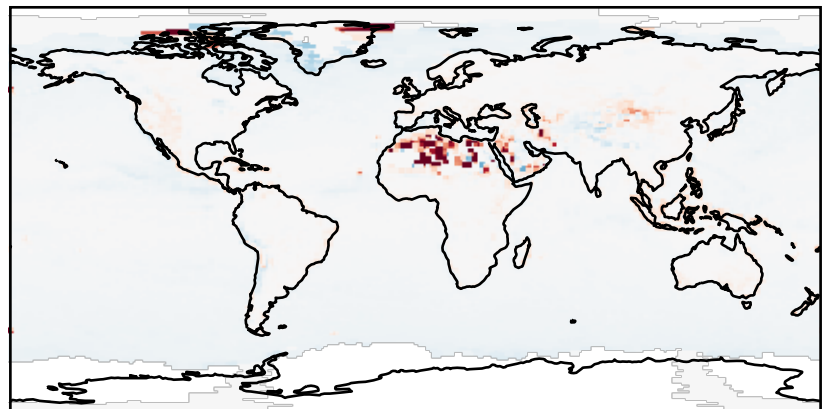
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

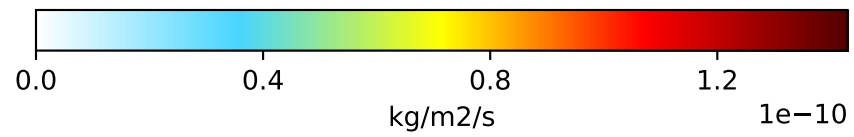
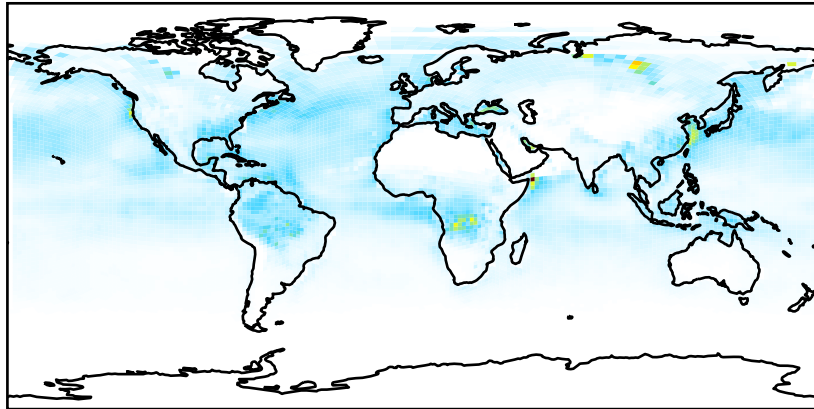


Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

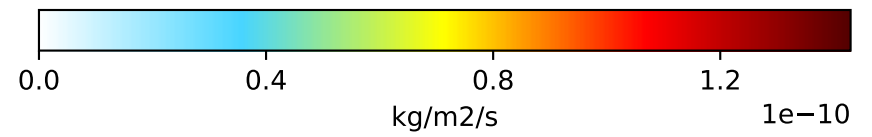
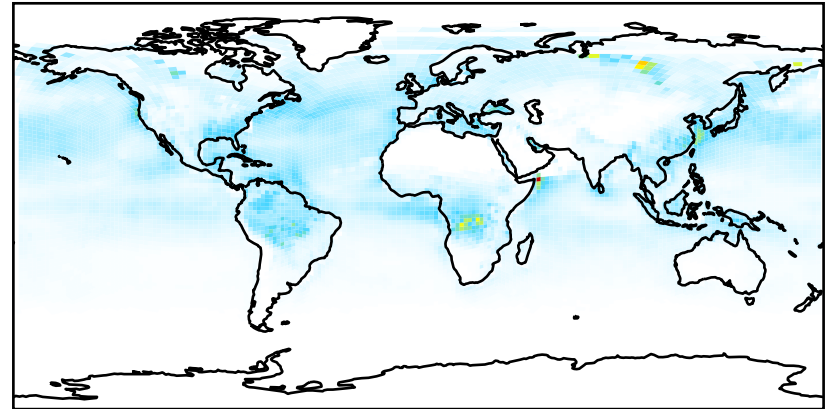


# EmisALD2\_Total

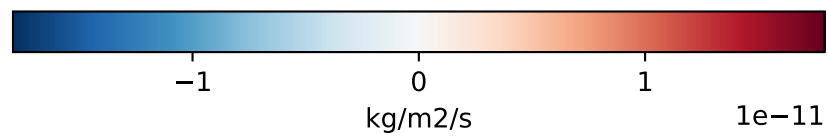
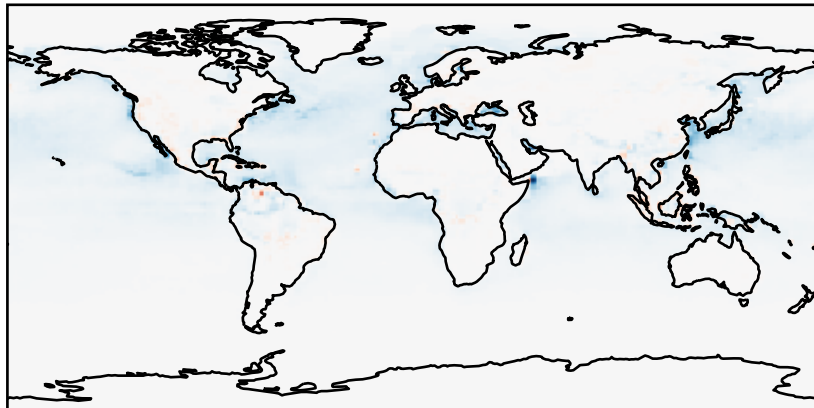
GCHP\_12.7.0 (Ref)  
c48



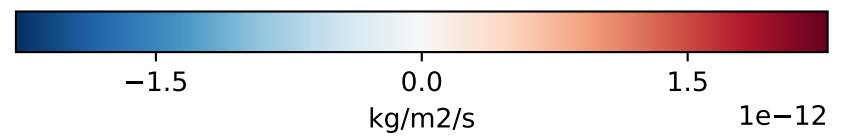
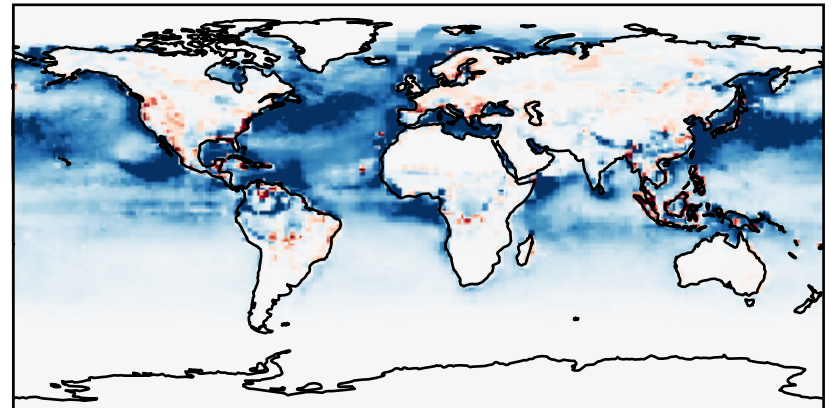
GCHP\_12.8.0 (Dev)  
c48



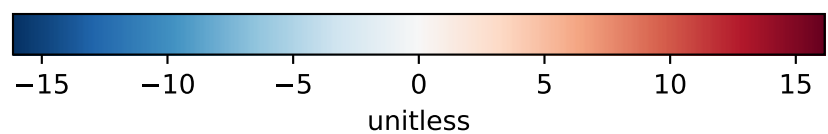
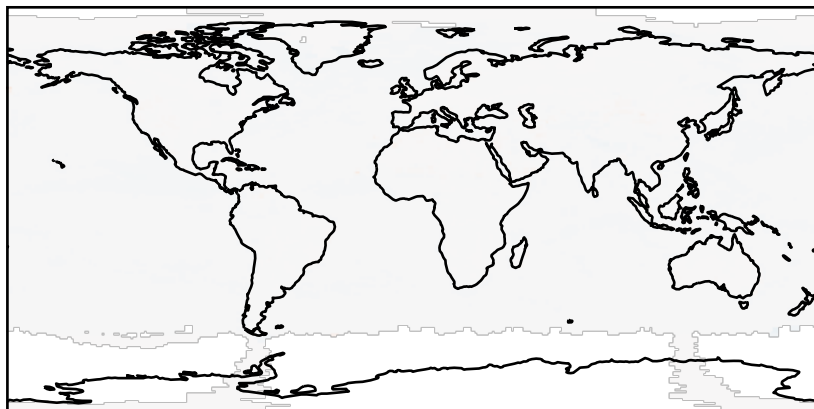
Difference (1x1.25)  
Dev - Ref, Dynamic Range



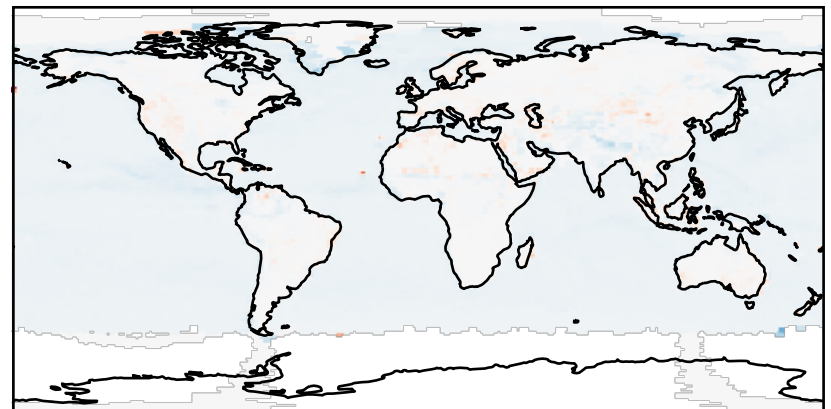
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

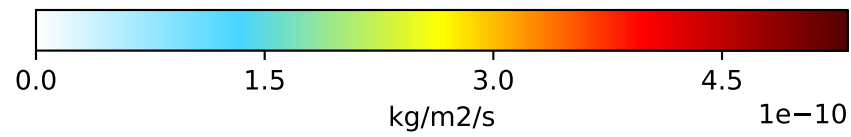
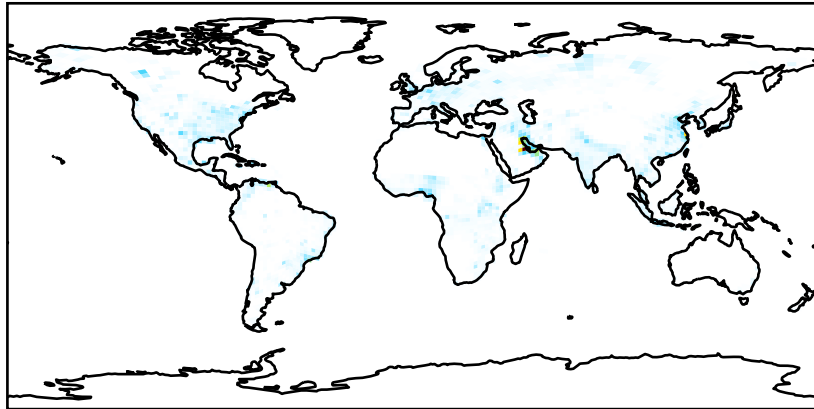


Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

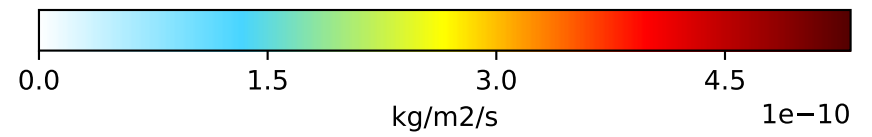
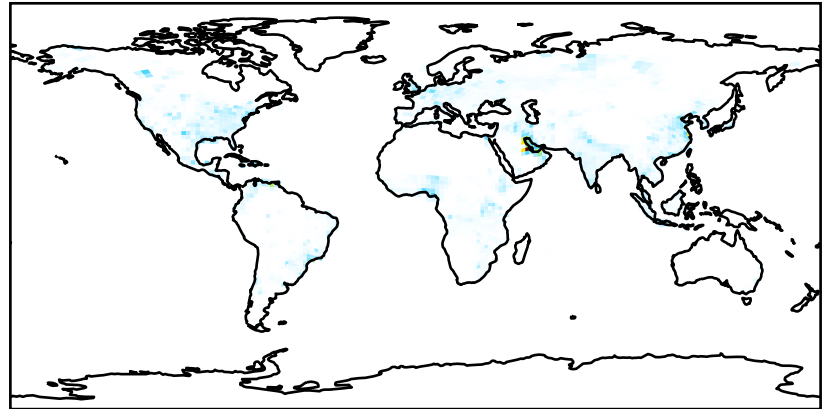


# EmisALK4\_Total

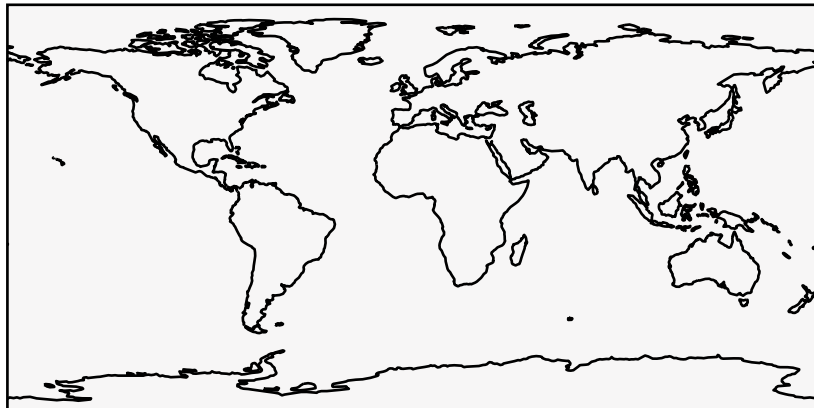
GCHP\_12.7.0 (Ref)  
c48



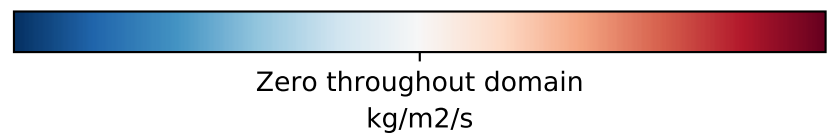
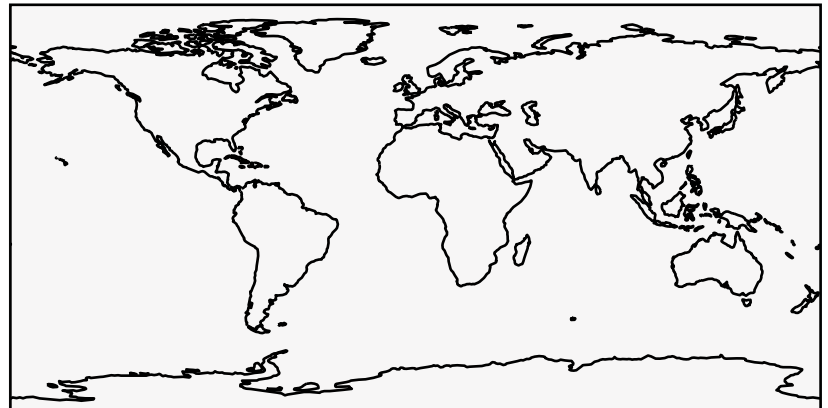
GCHP\_12.8.0 (Dev)  
c48



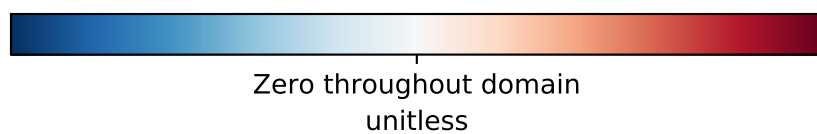
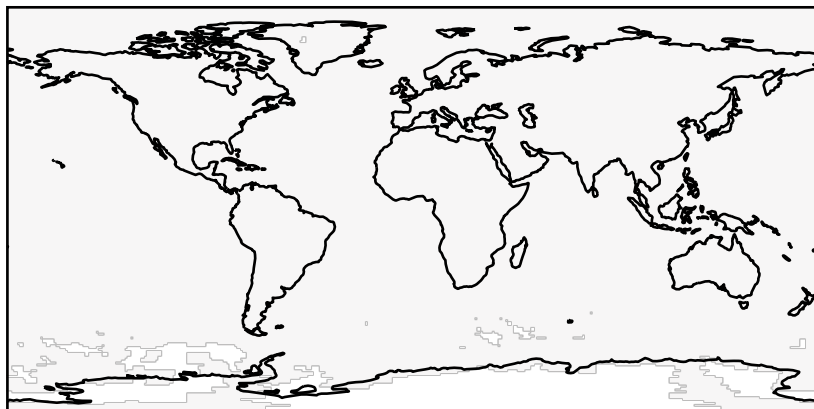
Difference (1x1.25)  
Dev - Ref, Dynamic Range



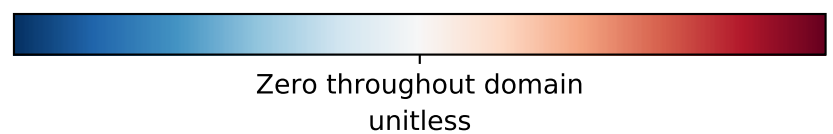
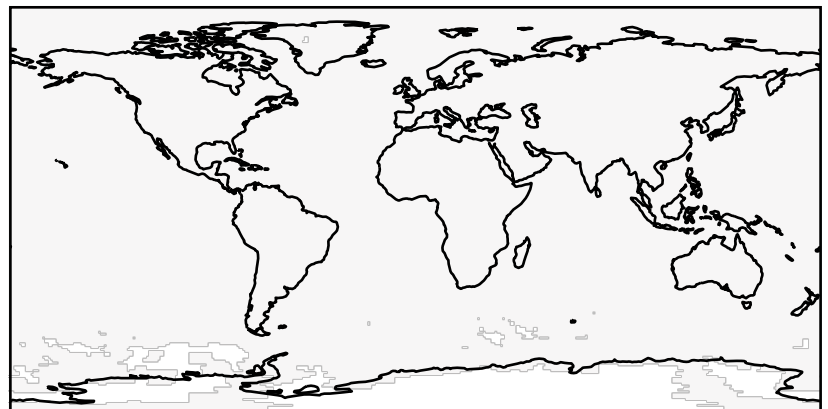
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

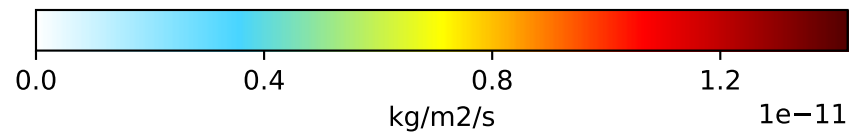
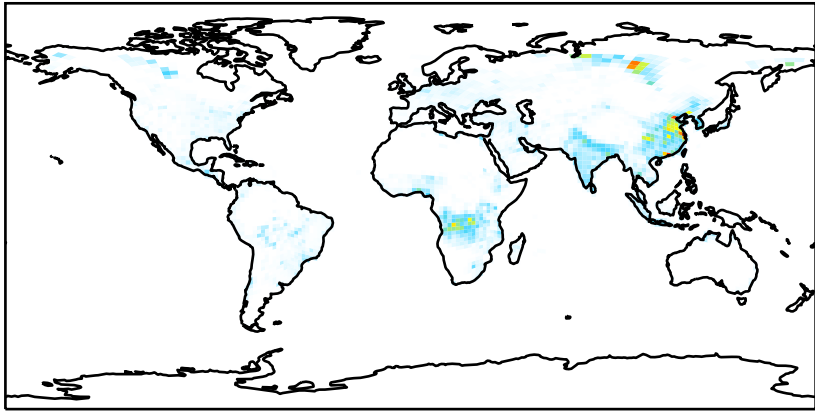


Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

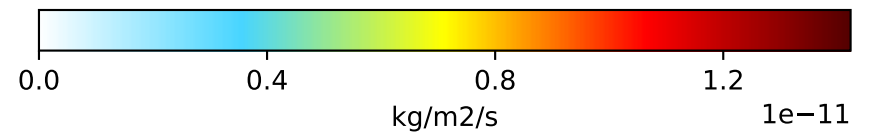
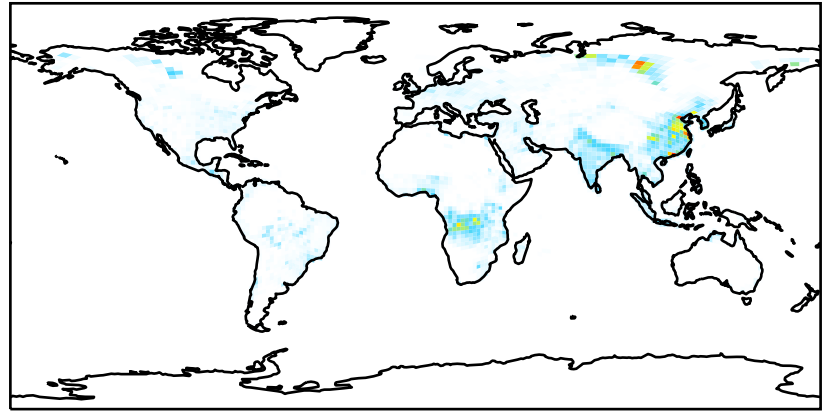


# EmisBCPI\_Total

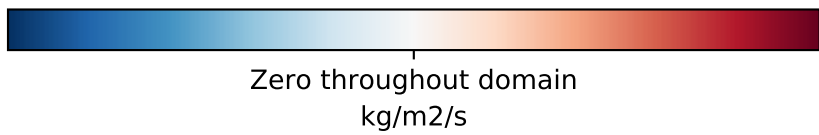
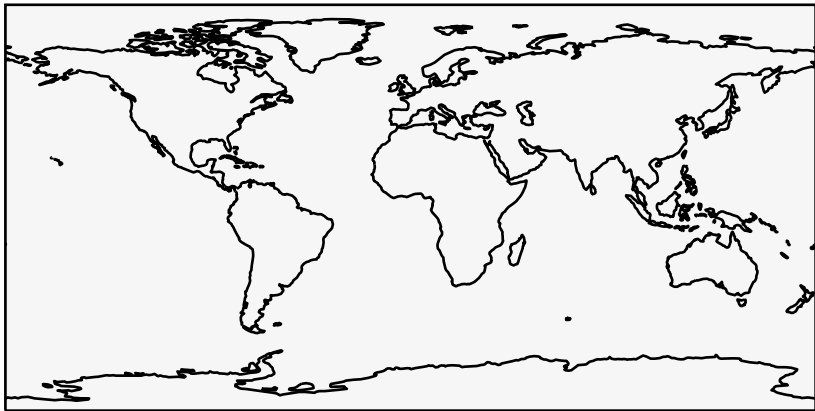
GCHP\_12.7.0 (Ref)  
c48



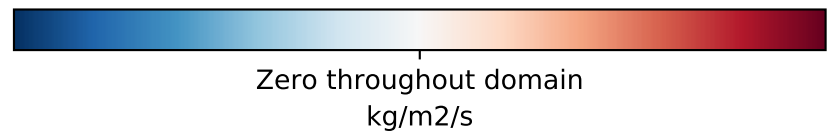
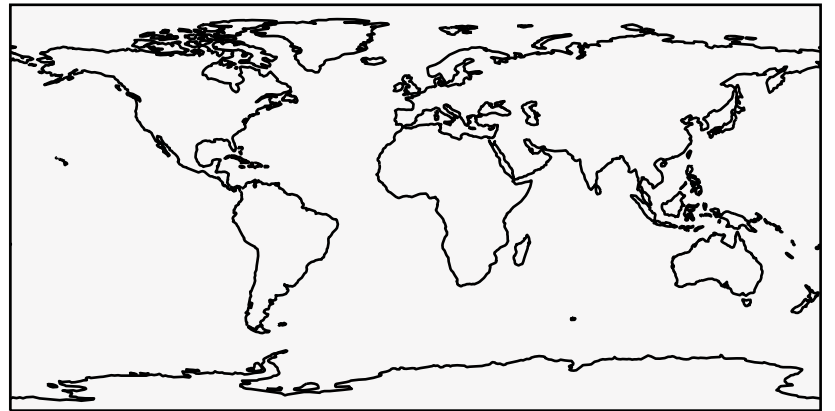
GCHP\_12.8.0 (Dev)  
c48



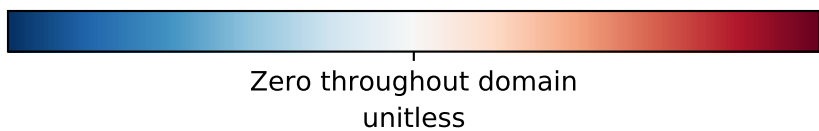
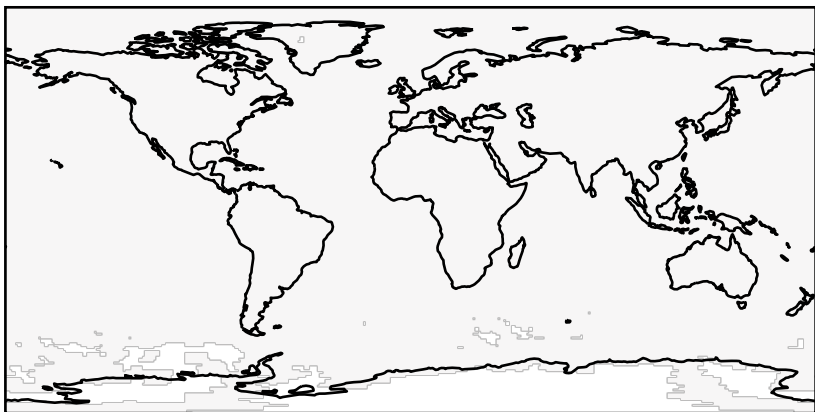
Difference (1x1.25)  
Dev - Ref, Dynamic Range



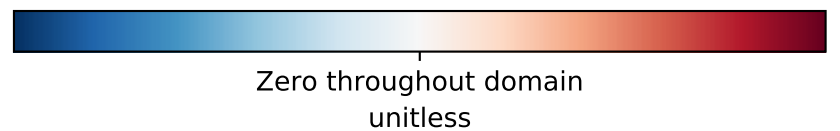
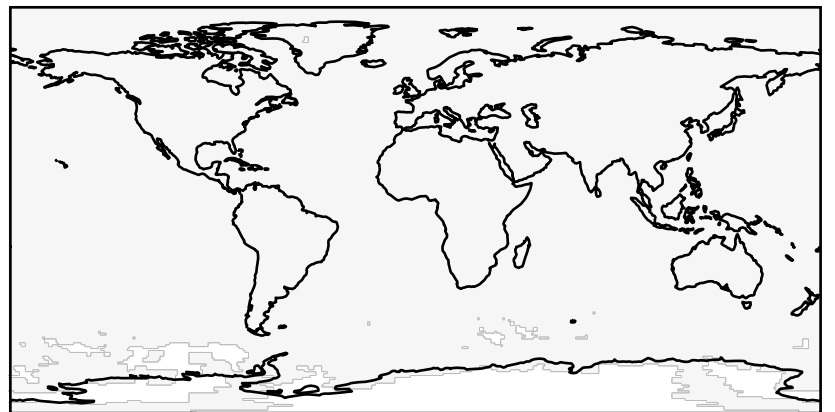
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

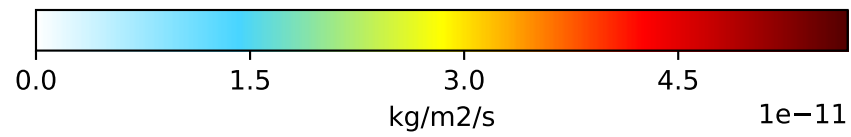
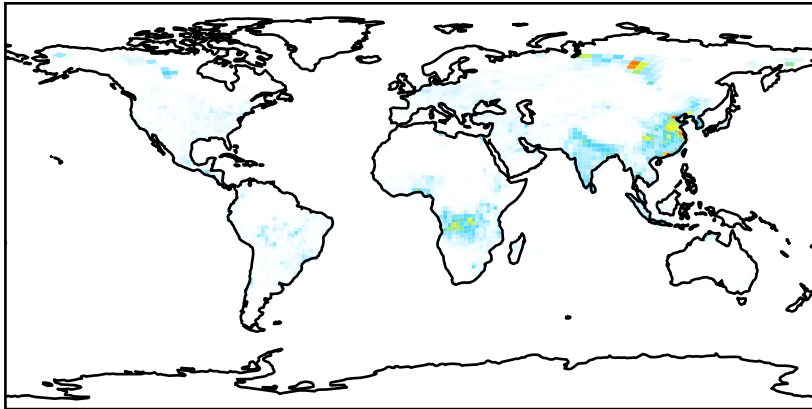


Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

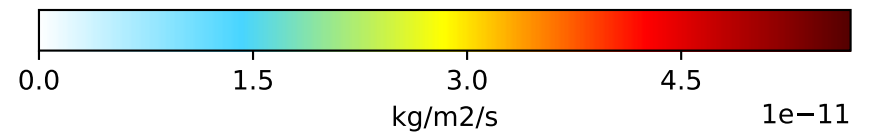
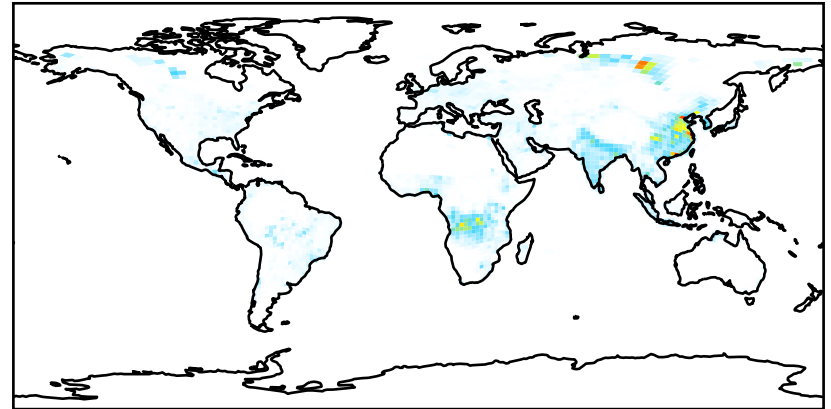


# EmisBCPO\_Total

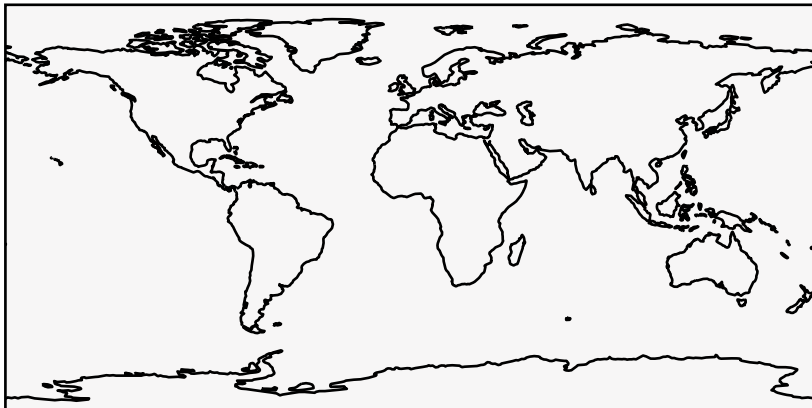
GCHP\_12.7.0 (Ref)  
c48



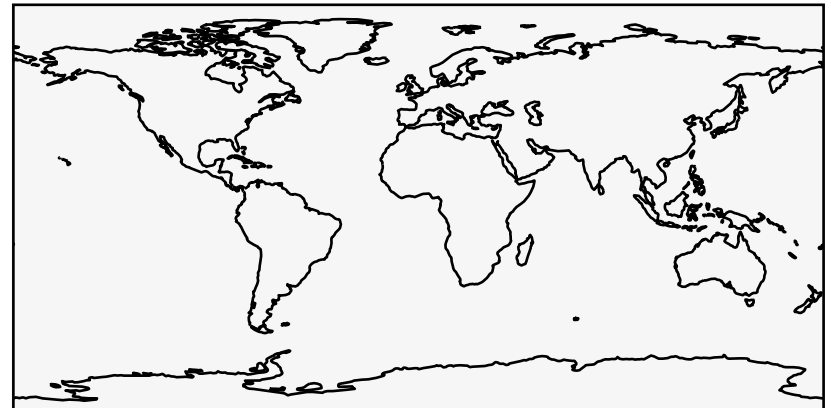
GCHP\_12.8.0 (Dev)  
c48



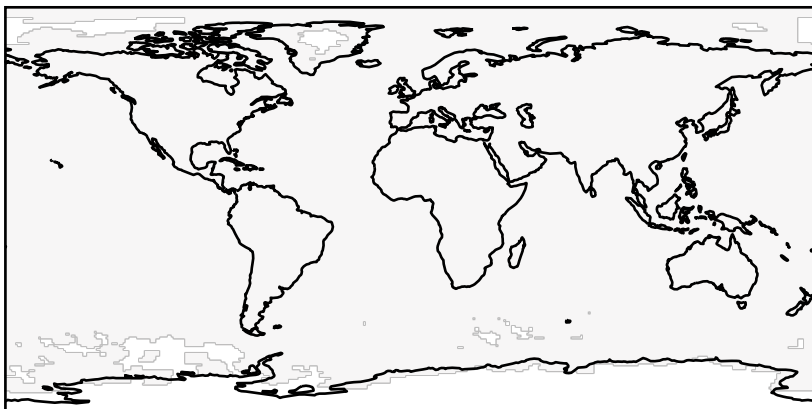
Difference (1x1.25)  
Dev - Ref, Dynamic Range



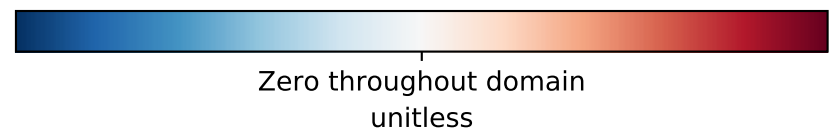
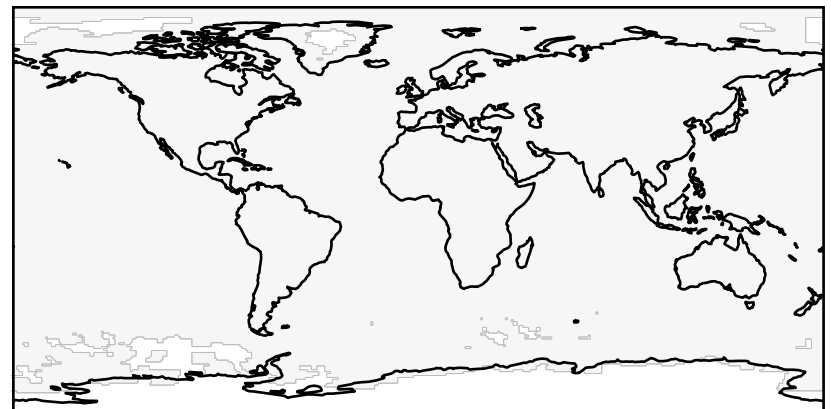
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

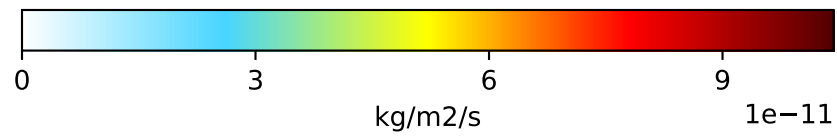
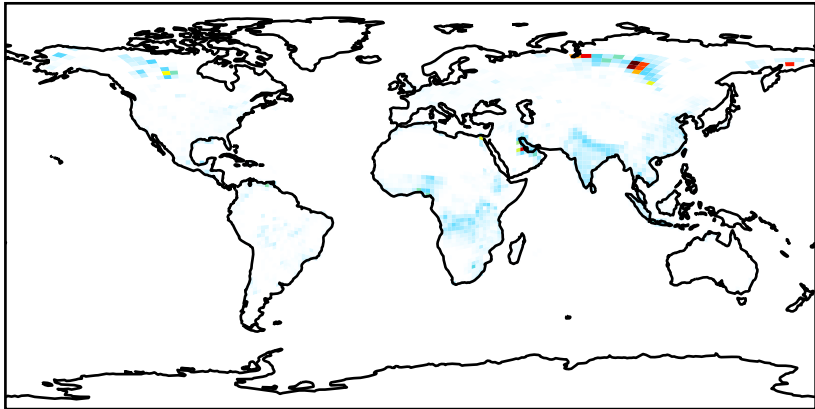


Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

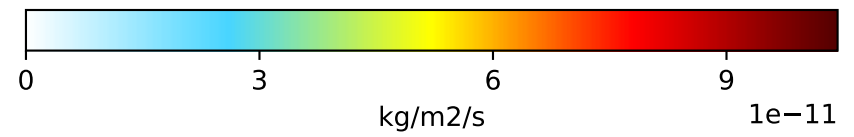
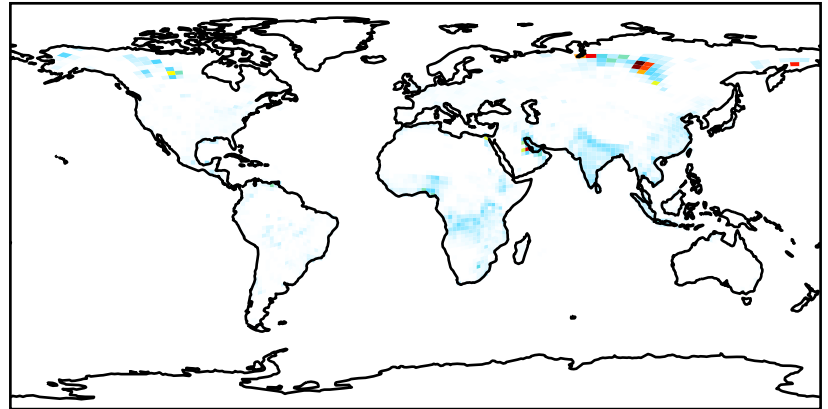


# EmisBENZ\_Total

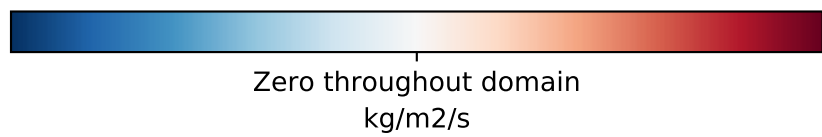
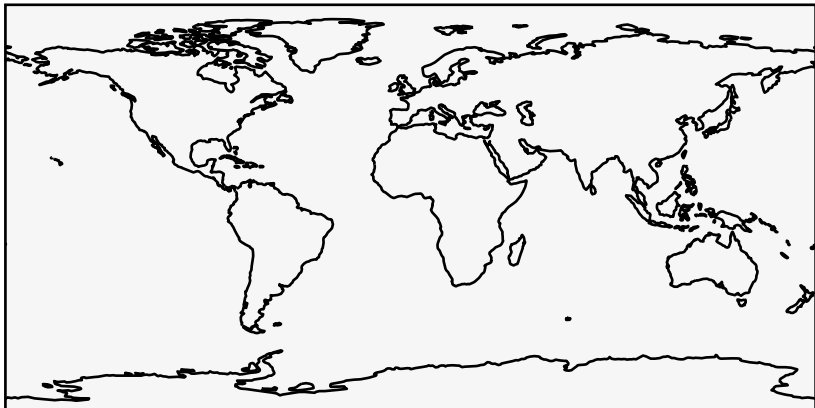
GCHP\_12.7.0 (Ref)  
c48



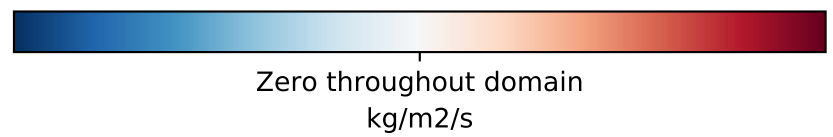
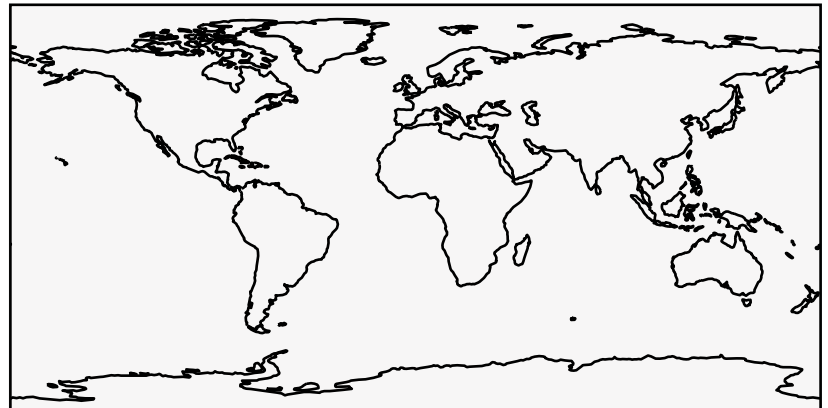
GCHP\_12.8.0 (Dev)  
c48



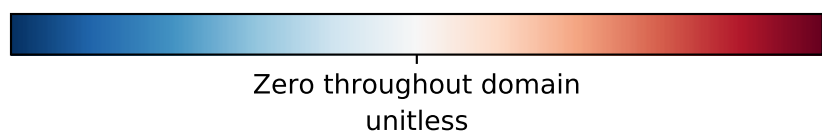
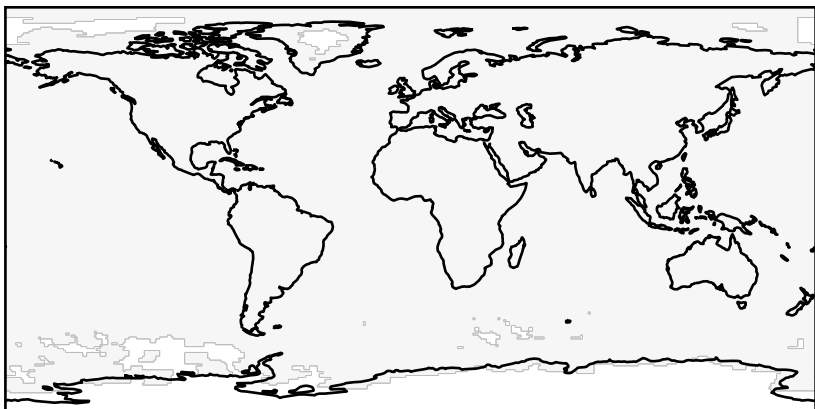
Difference (1x1.25)  
Dev - Ref, Dynamic Range



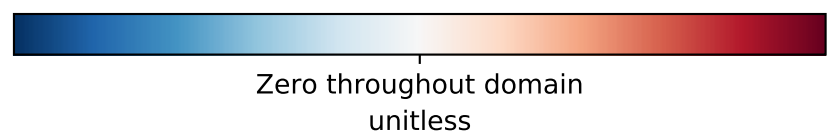
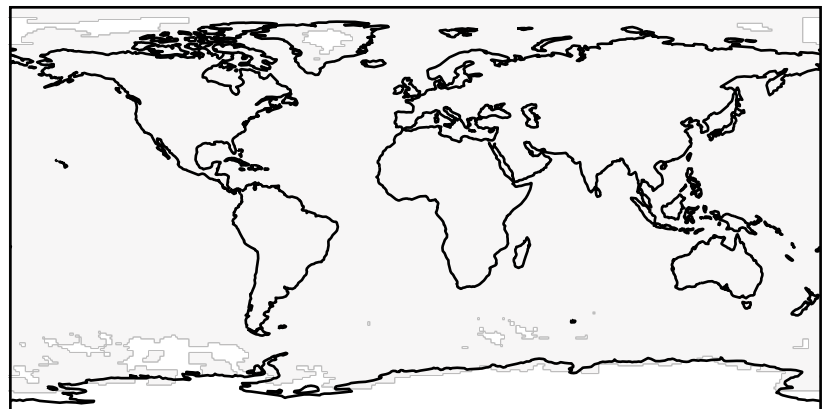
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



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



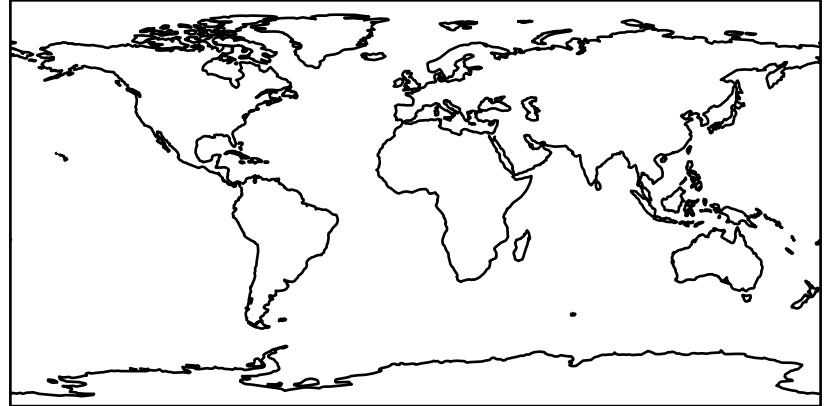
# EmisC2H2\_Total

GCHP\_12.7.0 (Ref)  
c48



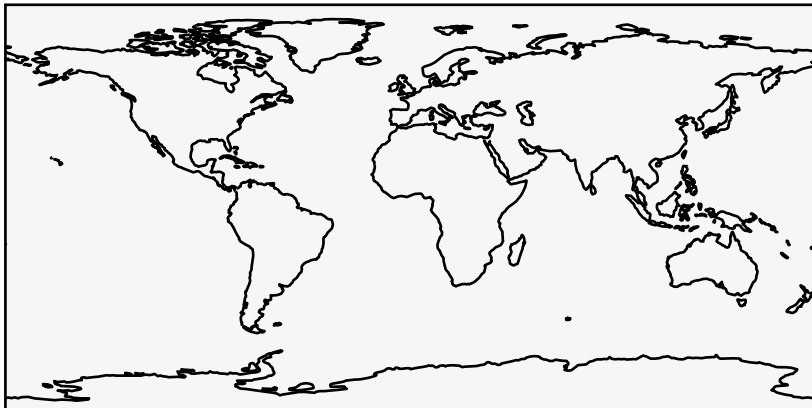
Zero throughout domain  
kg/m2/s

GCHP\_12.8.0 (Dev)  
c48



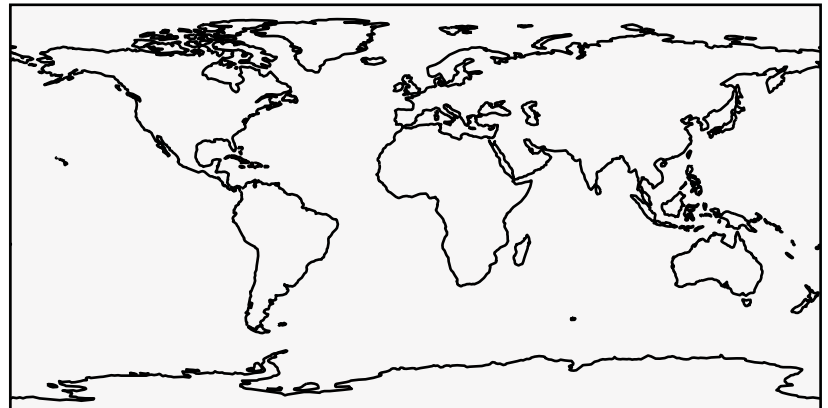
Zero throughout domain  
kg/m2/s

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



Zero throughout domain  
kg/m2/s

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



Zero throughout domain  
kg/m2/s

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



Undefined throughout domain  
unitless

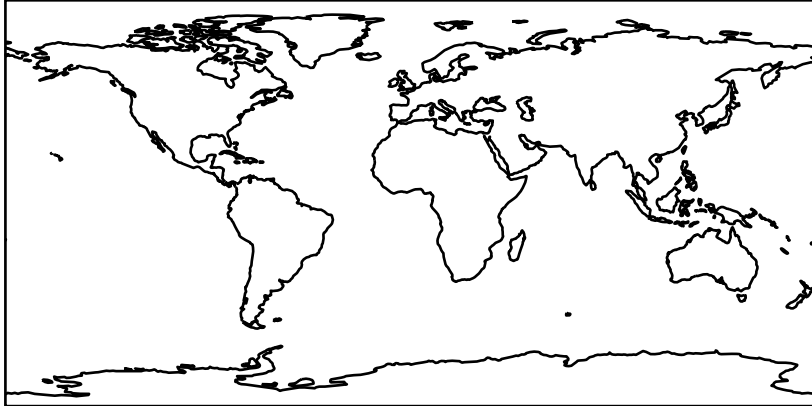
Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range



Undefined throughout domain  
unitless

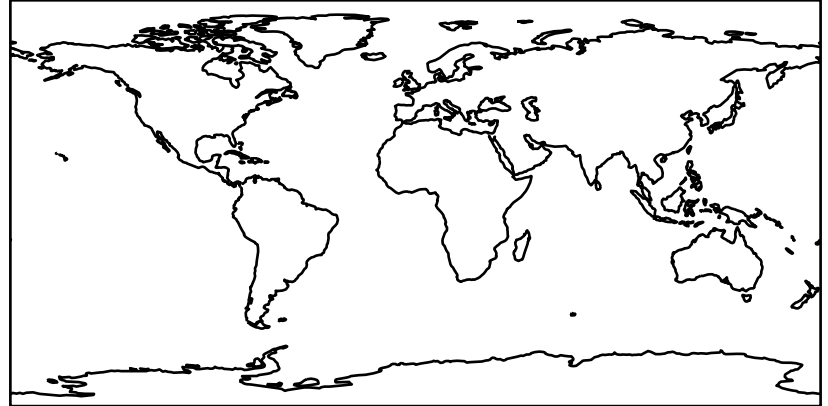
# EmisC2H4\_Total

GCHP\_12.7.0 (Ref)  
c48



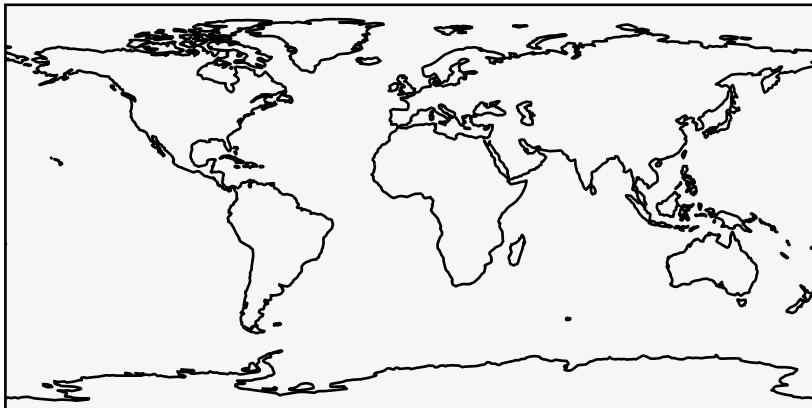
Zero throughout domain  
kg/m2/s

GCHP\_12.8.0 (Dev)  
c48



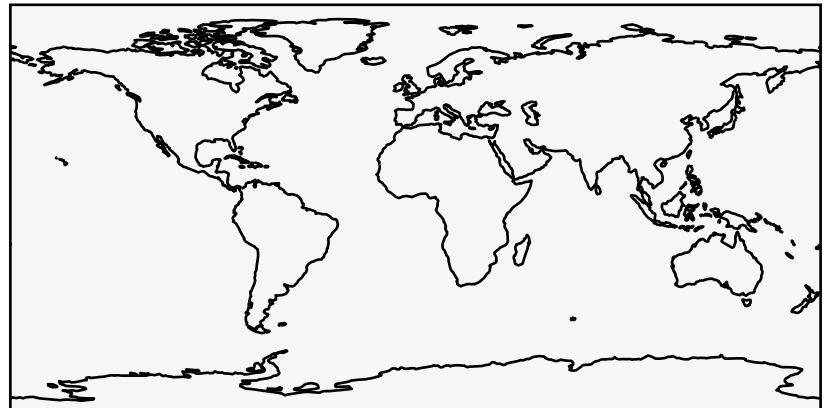
Zero throughout domain  
kg/m2/s

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



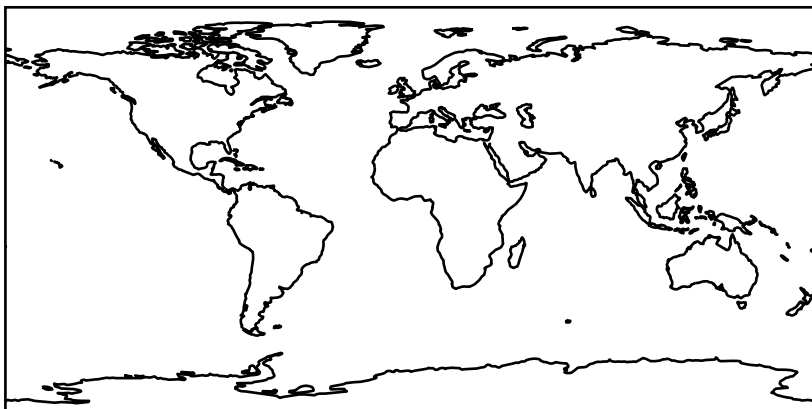
Zero throughout domain  
kg/m2/s

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



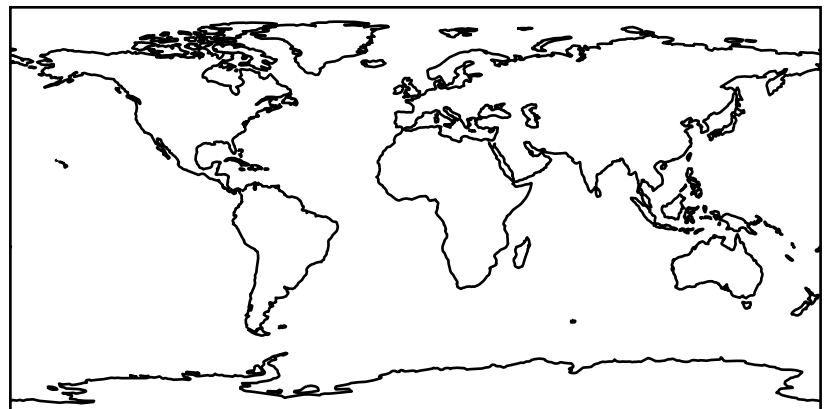
Zero throughout domain  
kg/m2/s

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



Undefined throughout domain  
unitless

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

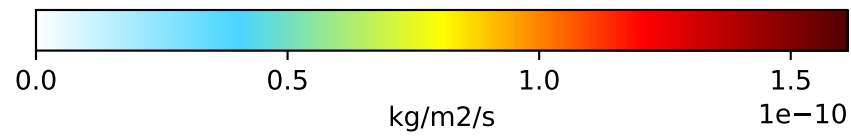
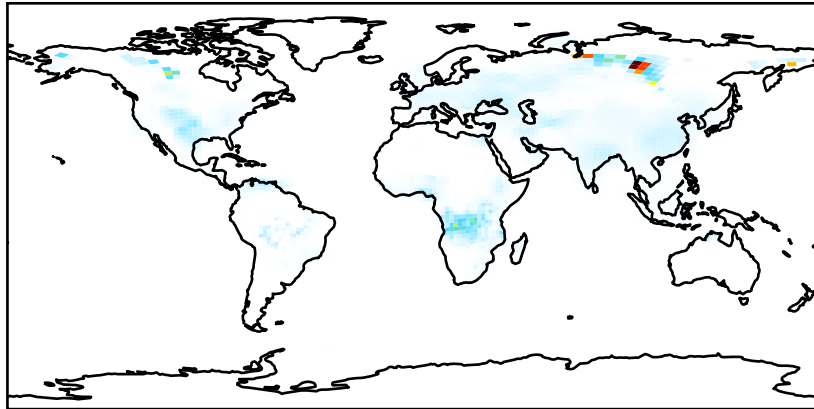


Undefined throughout domain  
unitless

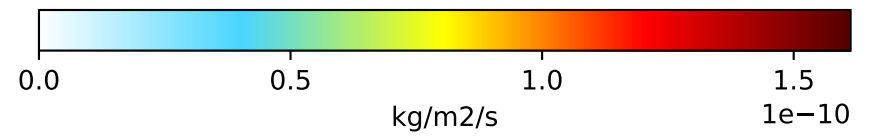
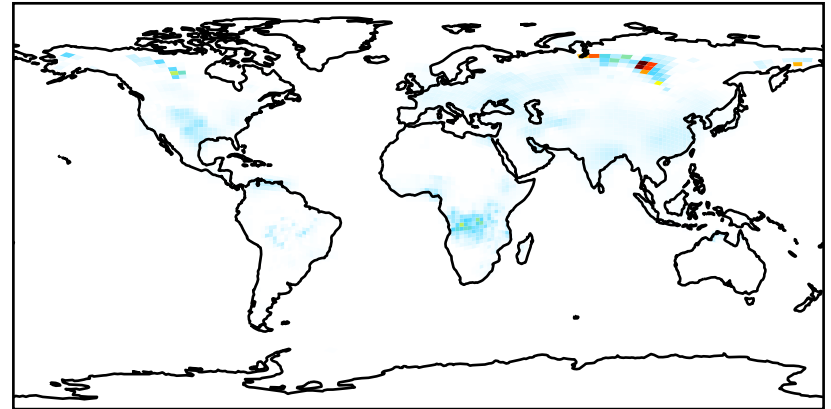


# EmisC2H6\_Total

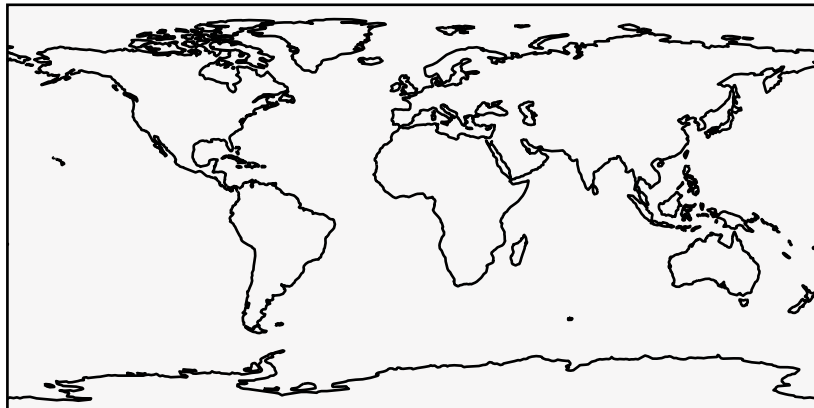
GCHP\_12.7.0 (Ref)  
c48



GCHP\_12.8.0 (Dev)  
c48



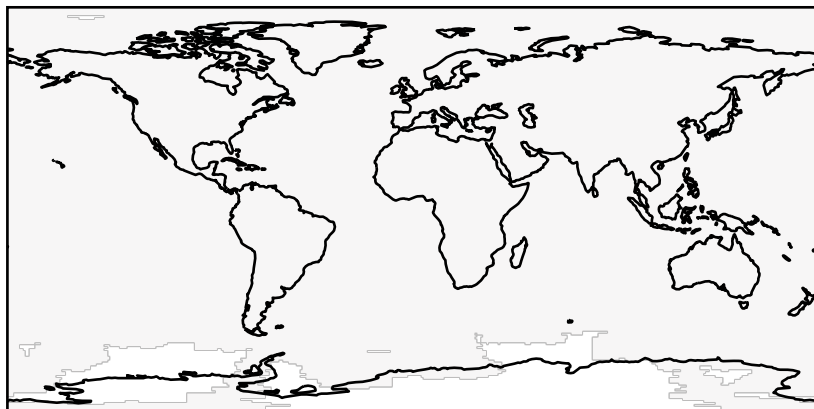
Difference (1x1.25)  
Dev - Ref, Dynamic Range



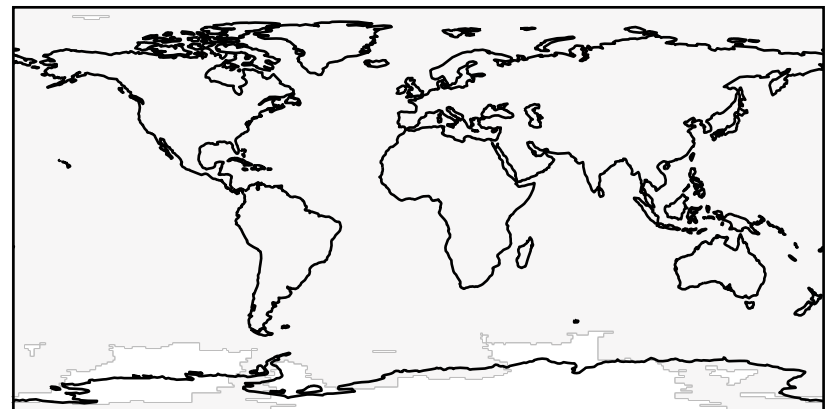
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

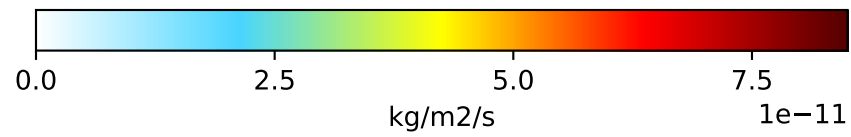
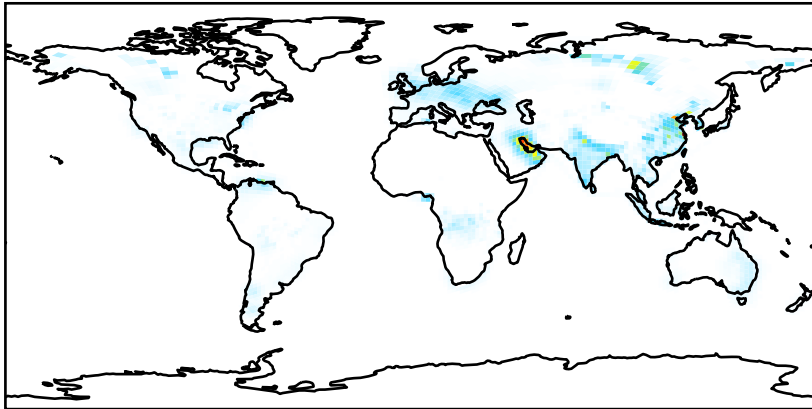


Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

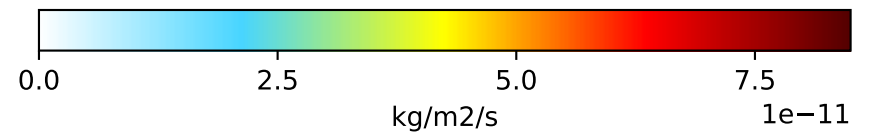
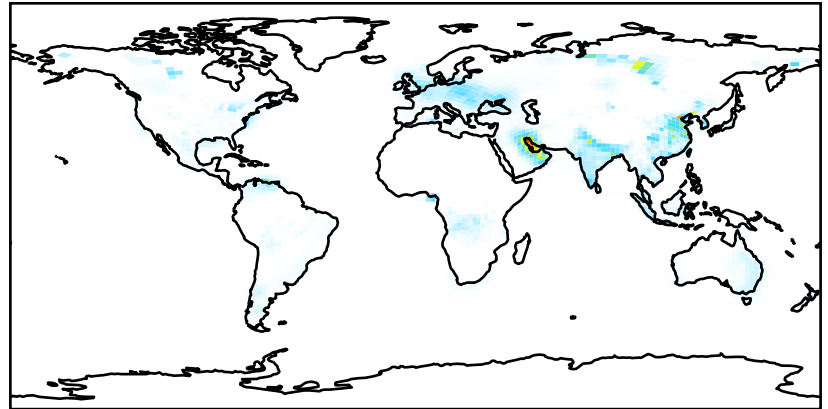


# EmisC3H8\_Total

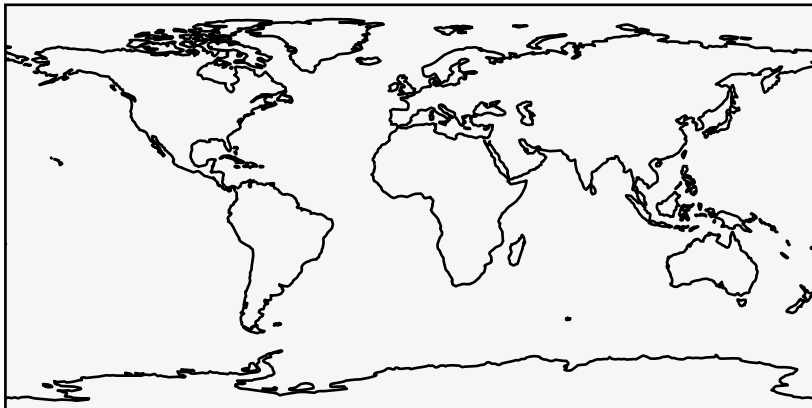
GCHP\_12.7.0 (Ref)  
c48



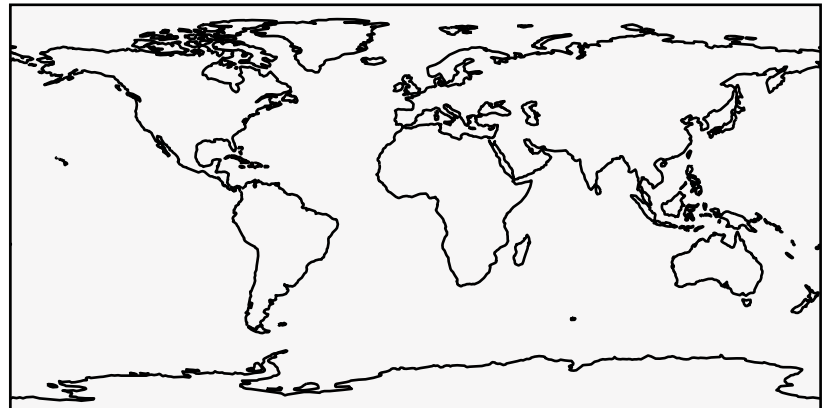
GCHP\_12.8.0 (Dev)  
c48



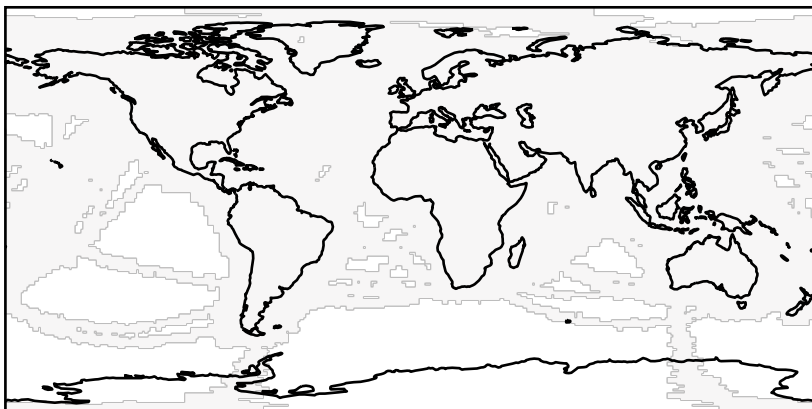
Difference (1x1.25)  
Dev - Ref, Dynamic Range



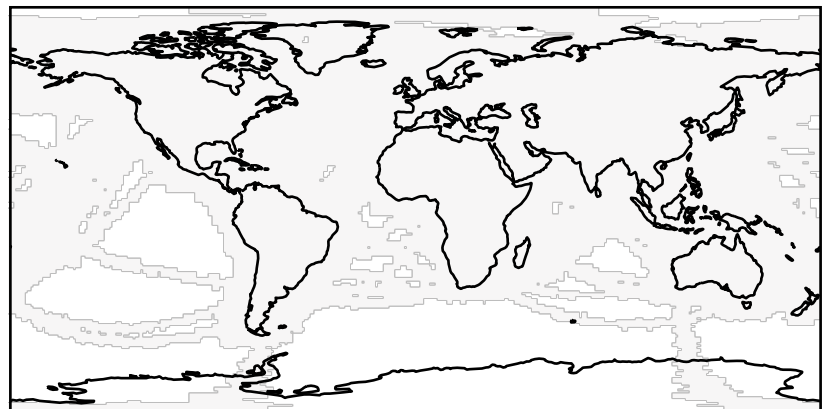
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

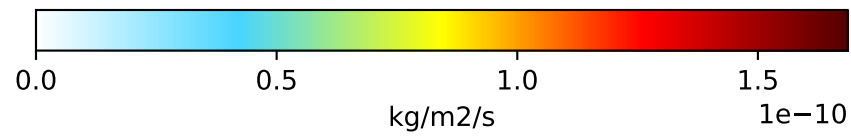
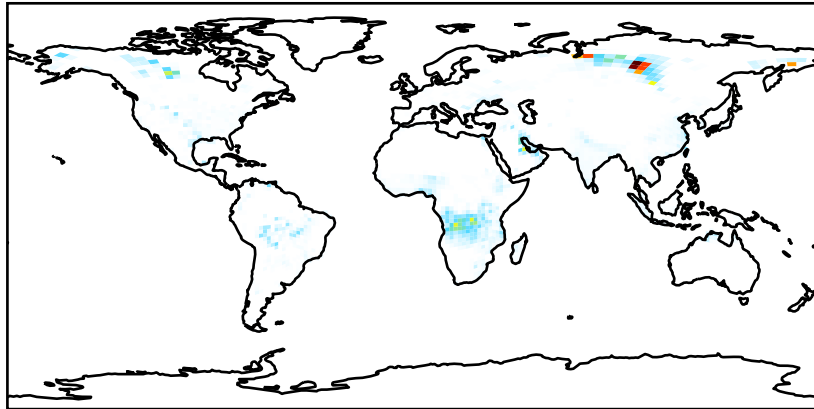


Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

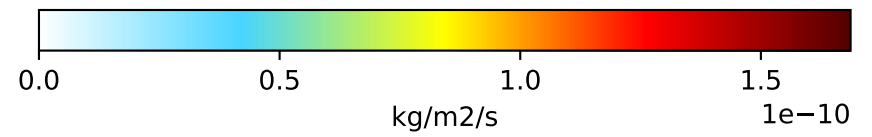
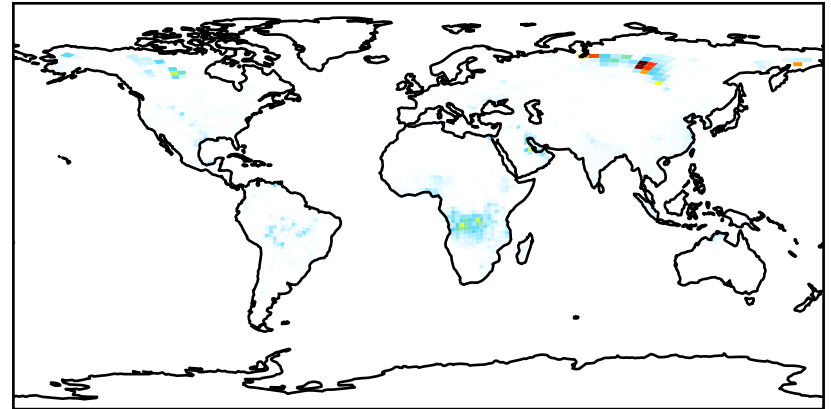


# EmisCH2O\_Total

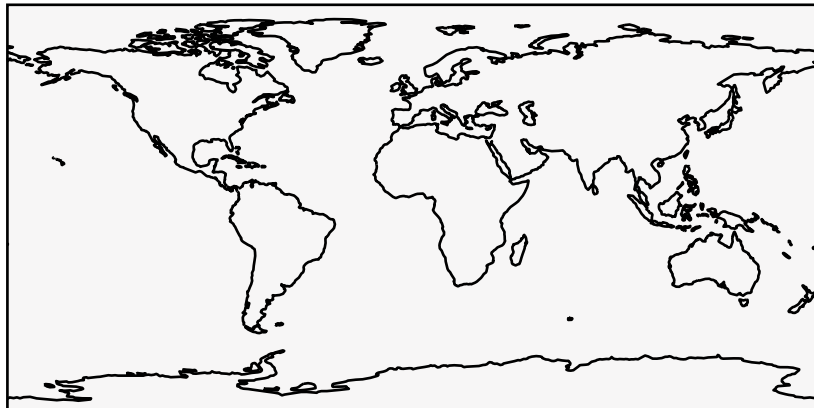
GCHP\_12.7.0 (Ref)  
c48



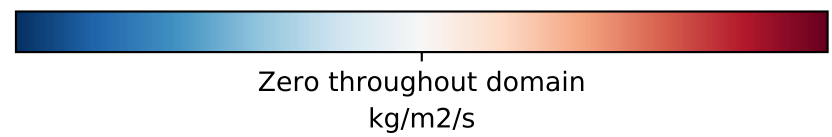
GCHP\_12.8.0 (Dev)  
c48



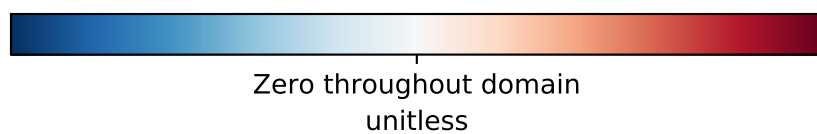
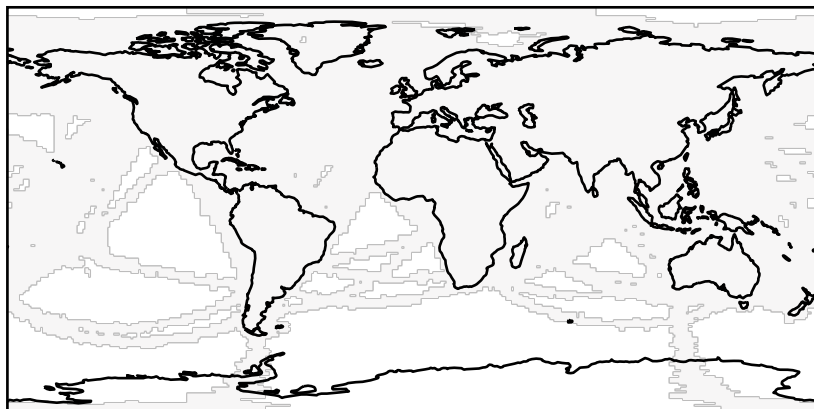
Difference (1x1.25)  
Dev - Ref, Dynamic Range



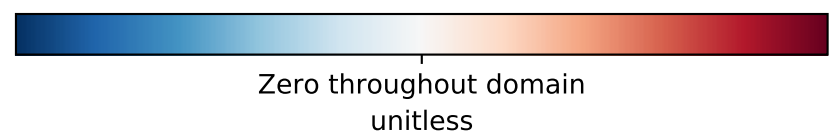
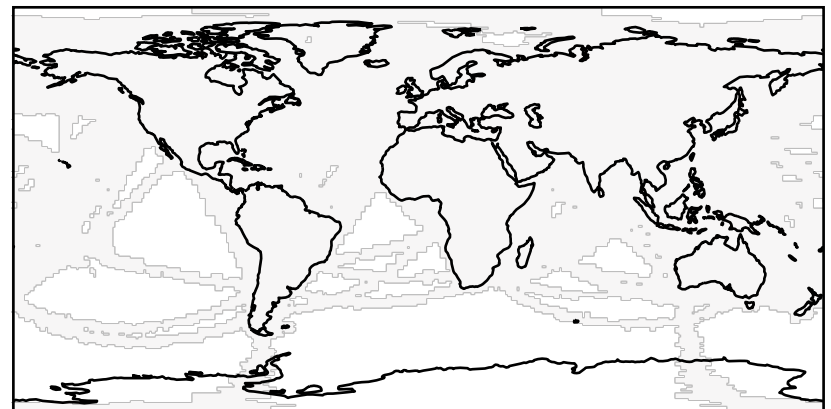
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

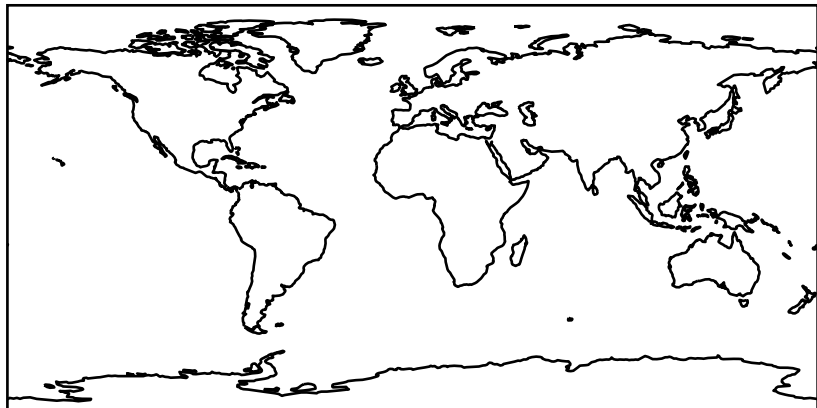


Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range



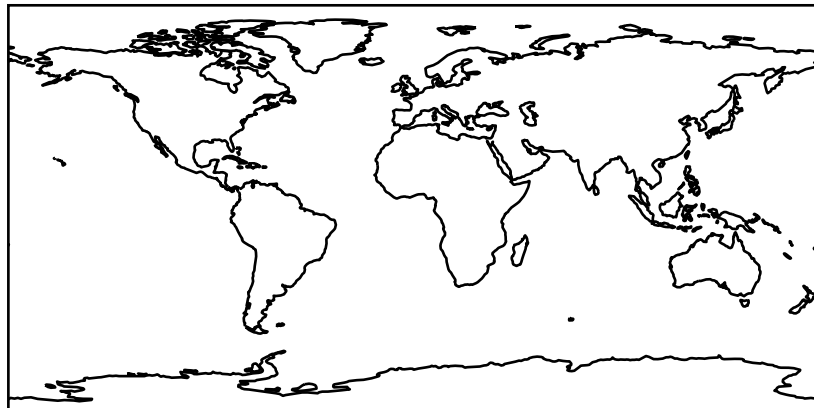
# EmisCH4\_Total

GCHP\_12.7.0 (Ref)  
c48



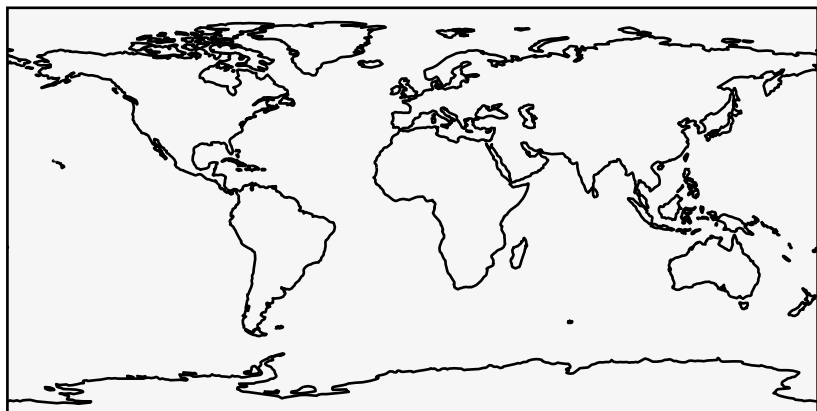
Zero throughout domain  
kg/m2/s

GCHP\_12.8.0 (Dev)  
c48



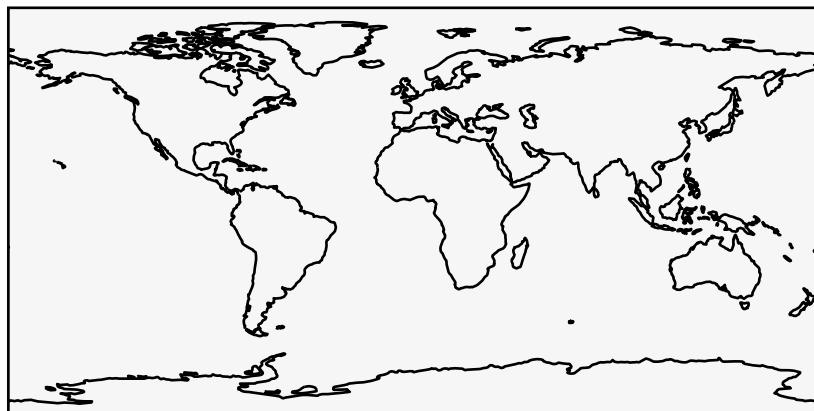
Zero throughout domain  
kg/m2/s

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



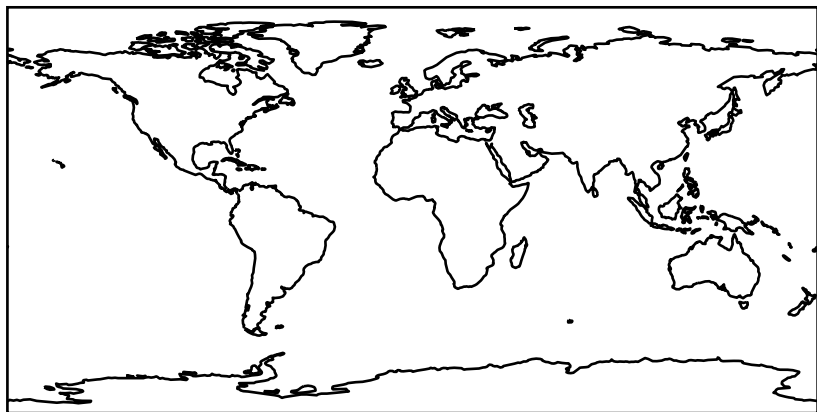
Zero throughout domain  
kg/m2/s

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



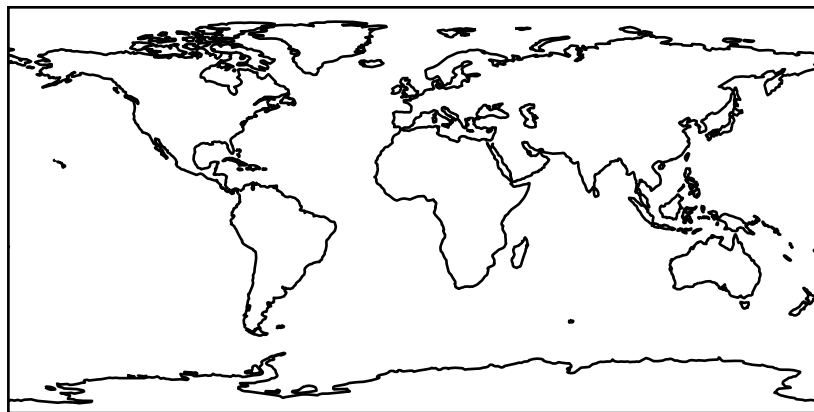
Zero throughout domain  
kg/m2/s

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



Undefined throughout domain  
unitless

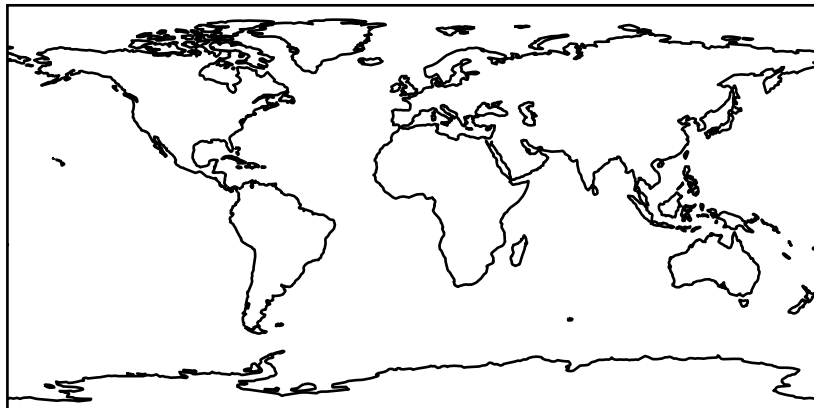
Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range



Undefined throughout domain  
unitless

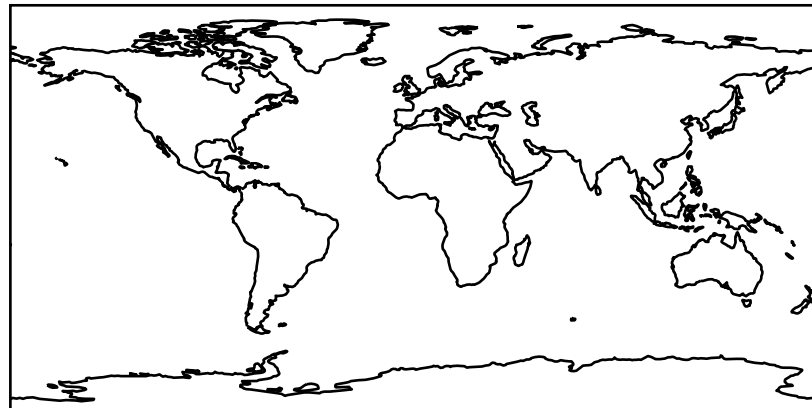
# EmisCO2\_Total

GCHP\_12.7.0 (Ref)  
c48



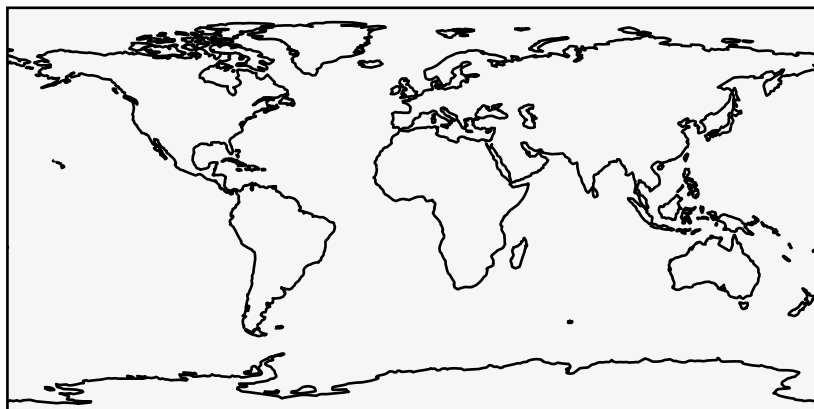
Zero throughout domain  
kg/m2/s

GCHP\_12.8.0 (Dev)  
c48



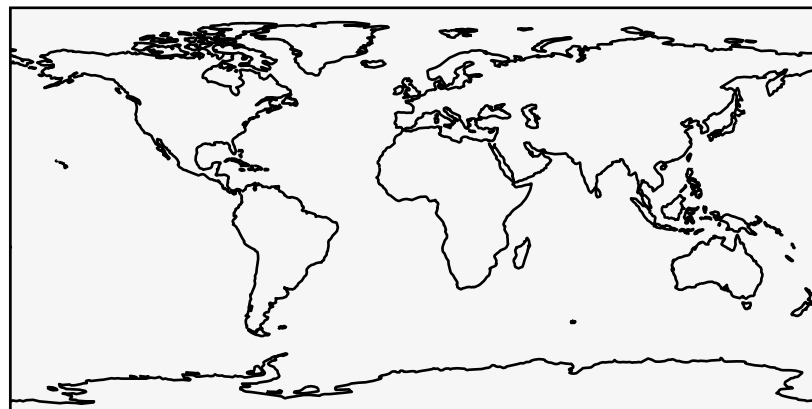
Zero throughout domain  
kg/m2/s

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



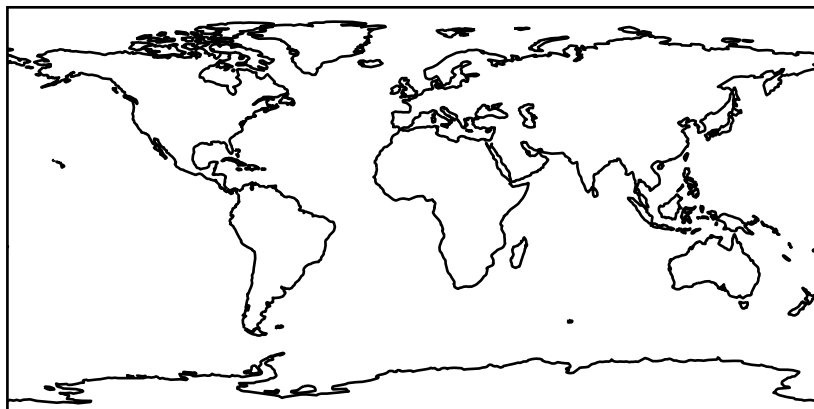
Zero throughout domain  
kg/m2/s

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



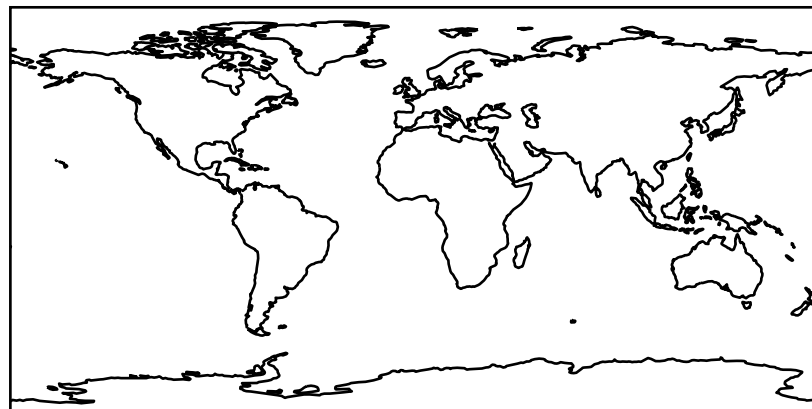
Zero throughout domain  
kg/m2/s

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



Undefined throughout domain  
unitless

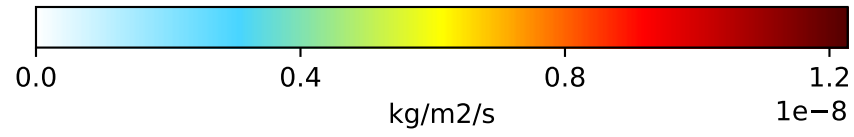
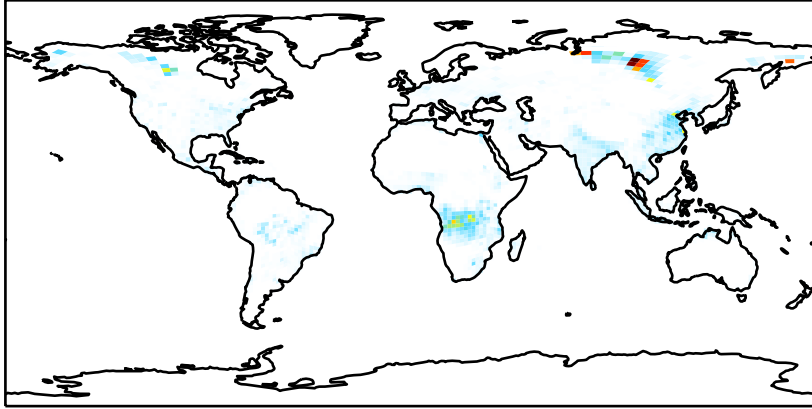
Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range



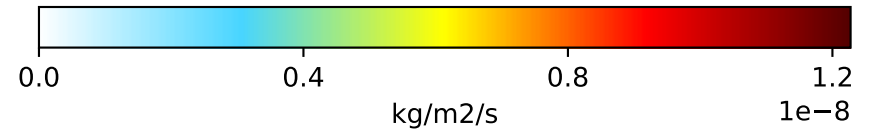
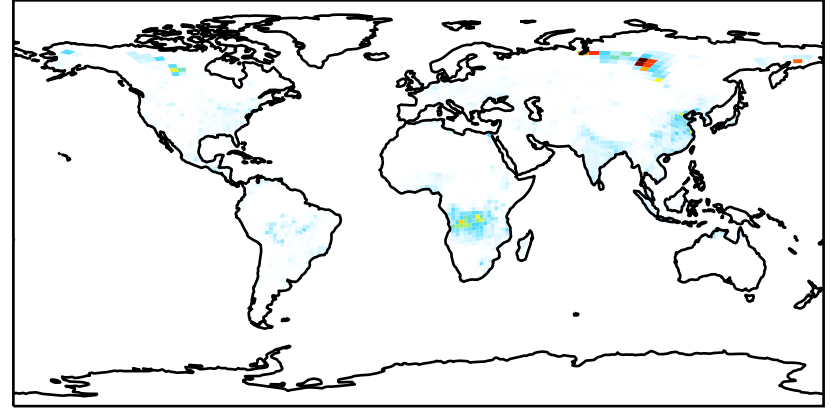
Undefined throughout domain  
unitless

# EmisCO\_Total

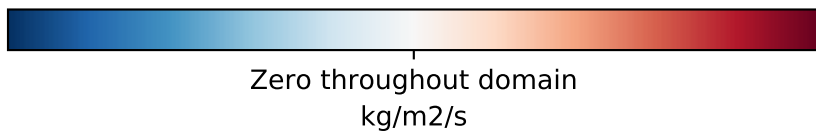
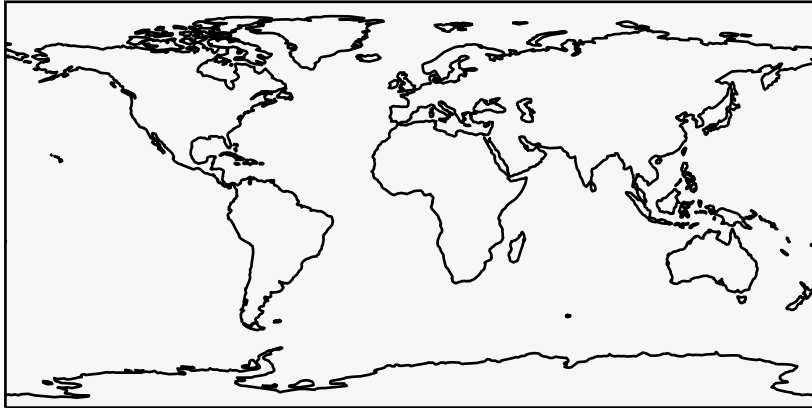
GCHP\_12.7.0 (Ref)  
c48



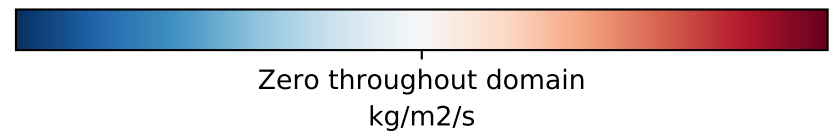
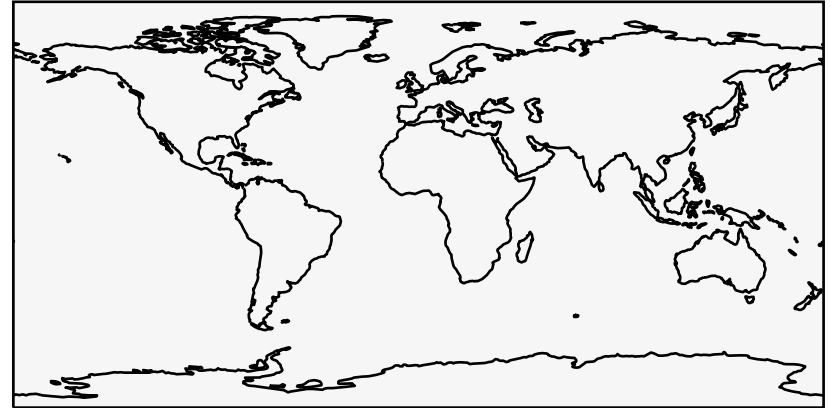
GCHP\_12.8.0 (Dev)  
c48



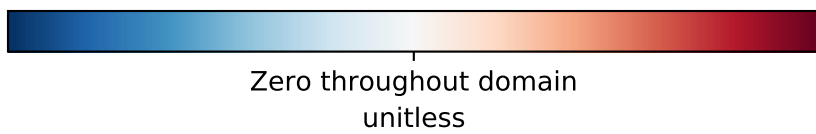
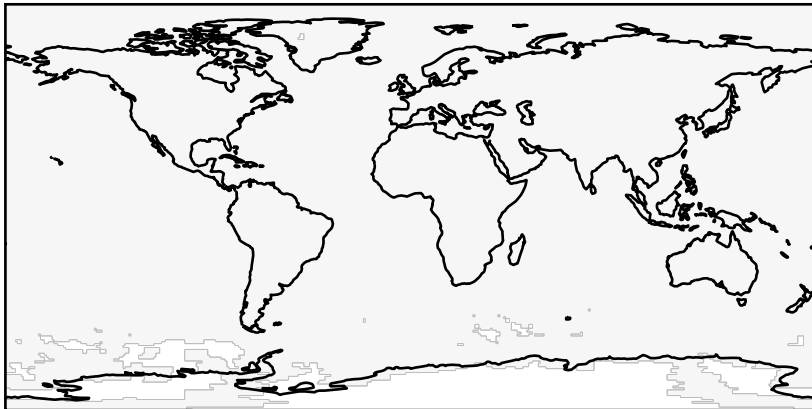
Difference (1x1.25)  
Dev - Ref, Dynamic Range



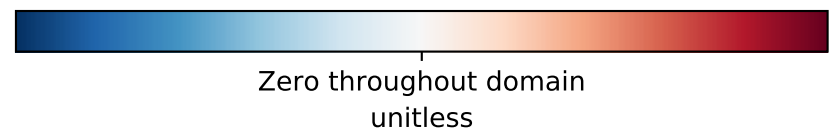
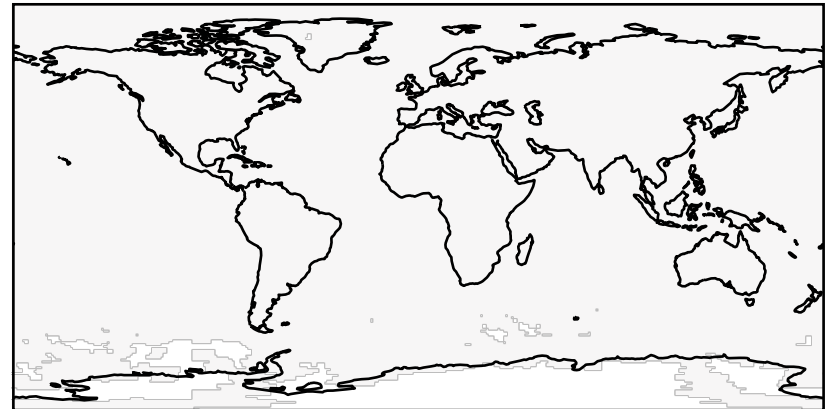
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

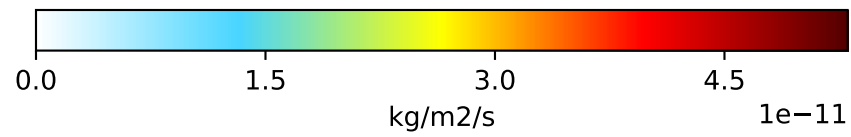
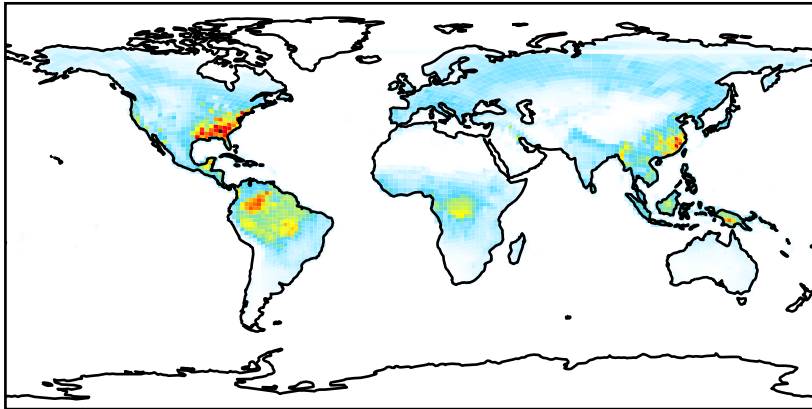


Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

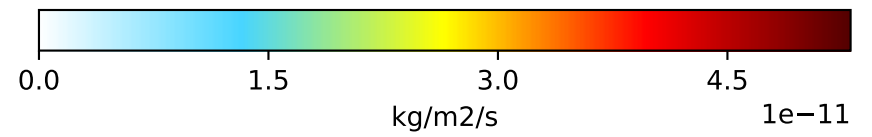
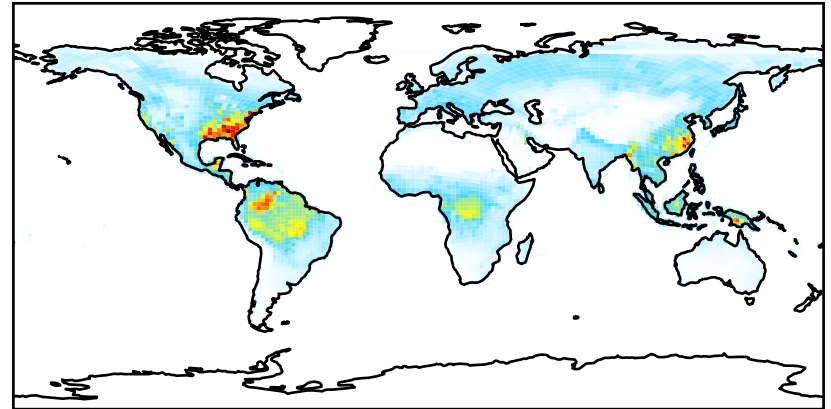


# EmisEOH\_Total

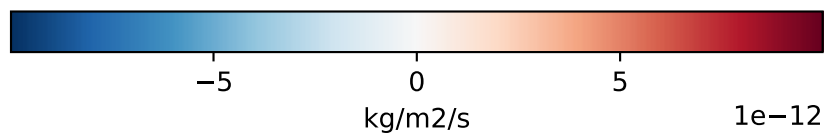
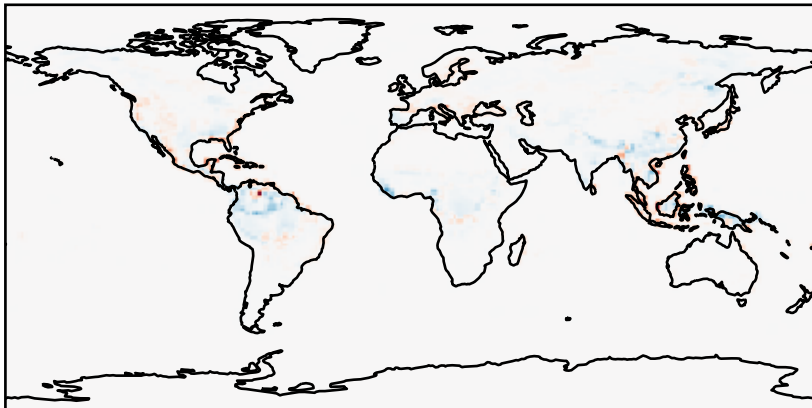
GCHP\_12.7.0 (Ref)  
c48



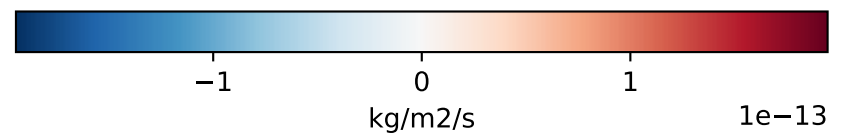
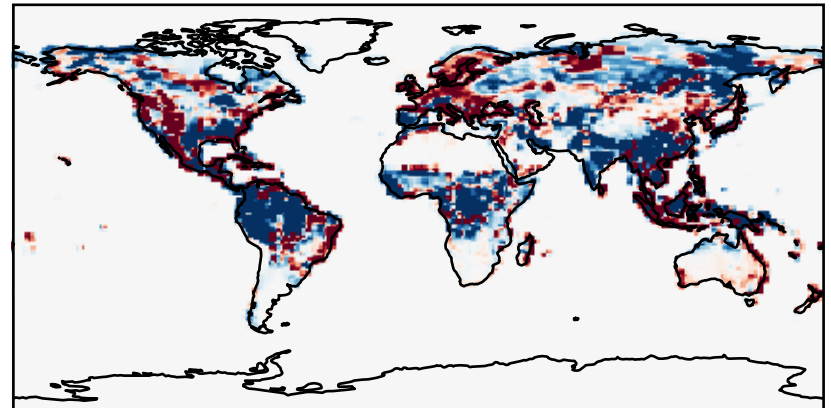
GCHP\_12.8.0 (Dev)  
c48



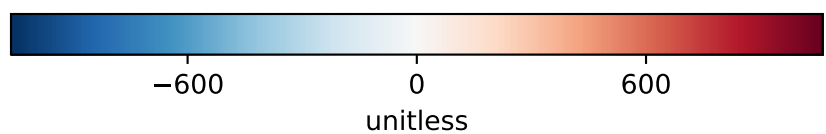
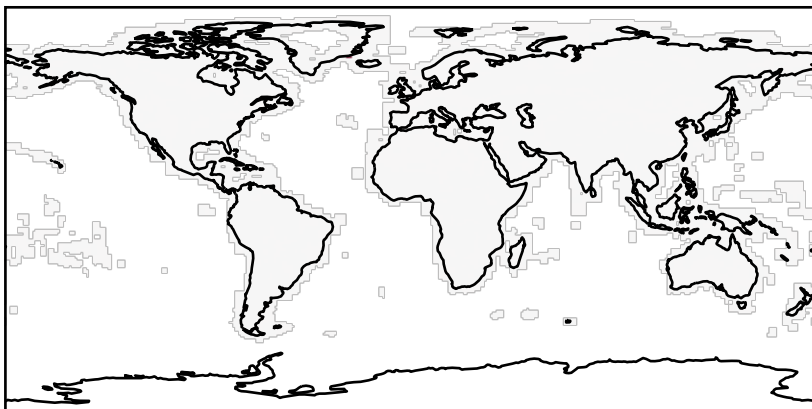
Difference (1x1.25)  
Dev - Ref, Dynamic Range



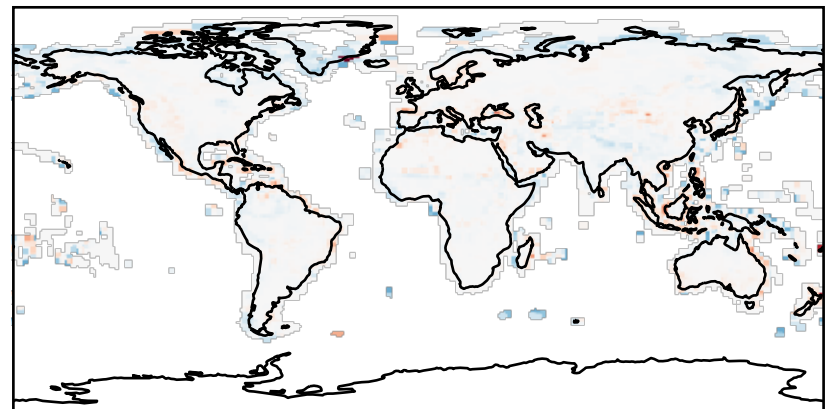
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

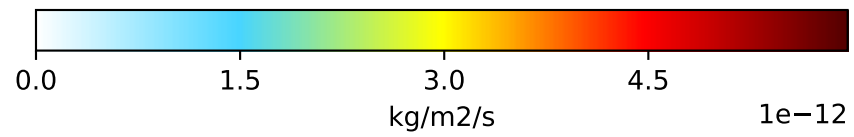
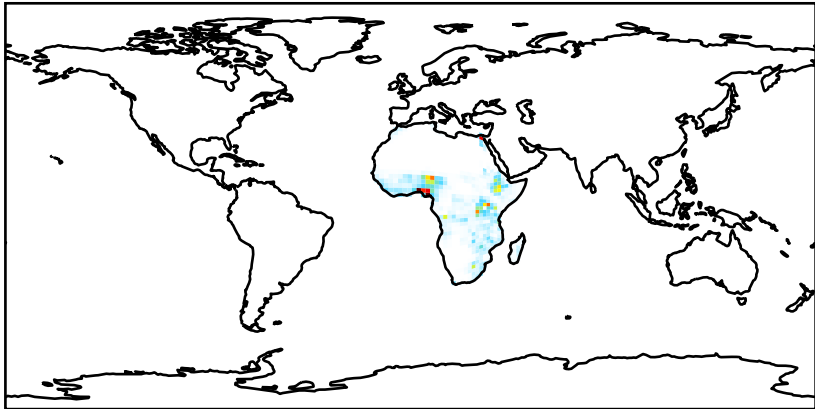


Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

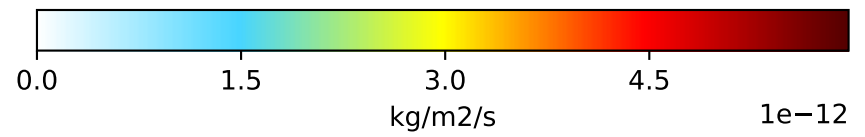
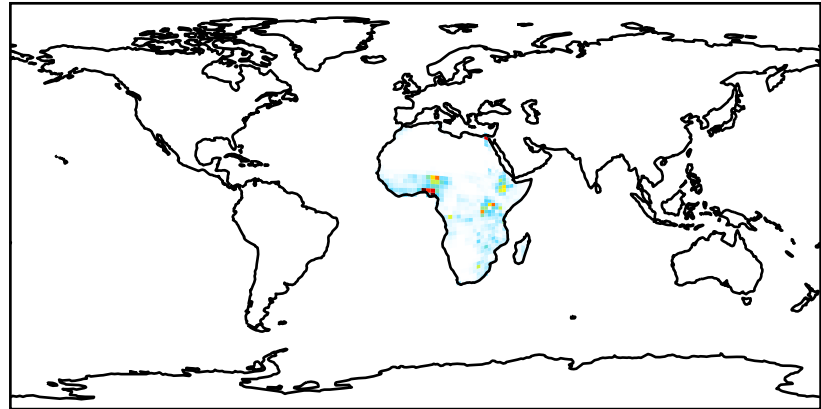


# EmisGLYC\_Total

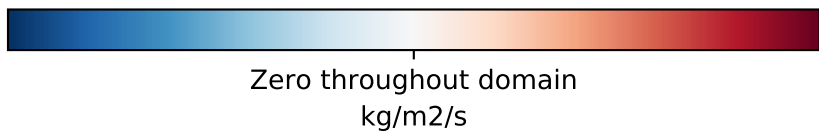
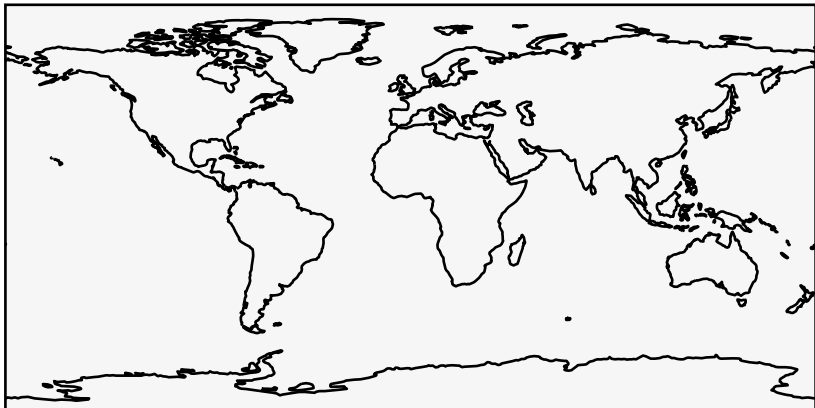
GCHP\_12.7.0 (Ref)  
c48



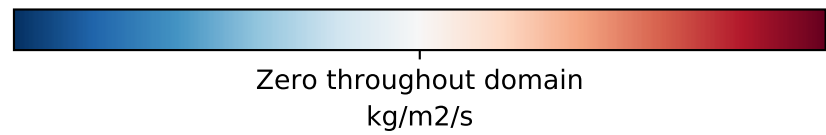
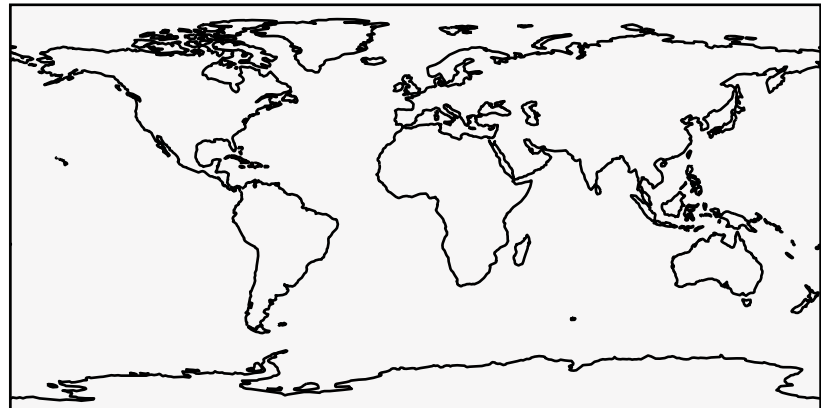
GCHP\_12.8.0 (Dev)  
c48



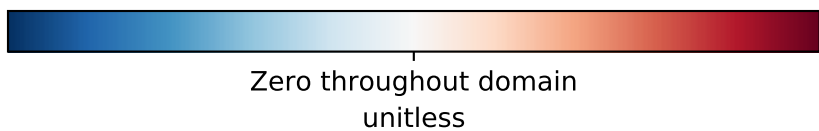
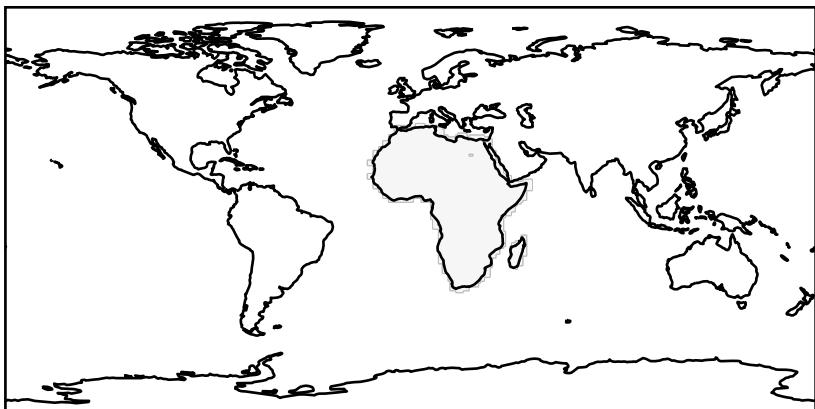
Difference (1x1.25)  
Dev - Ref, Dynamic Range



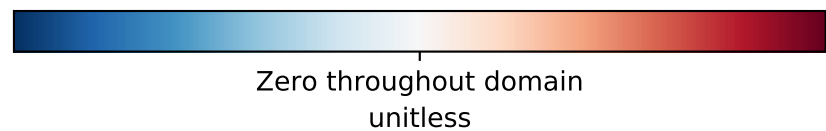
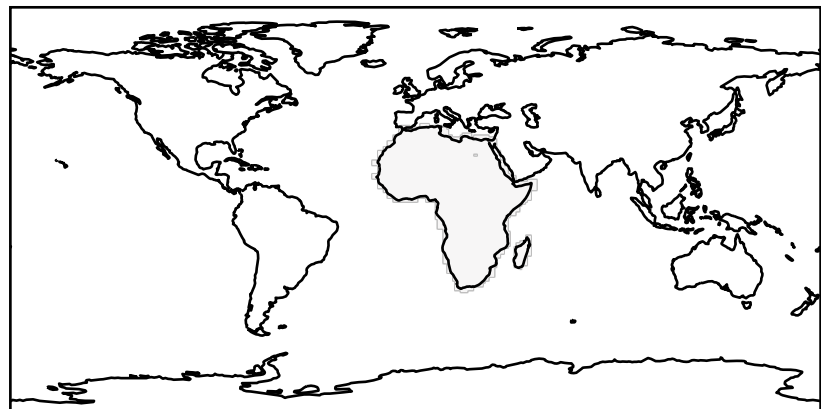
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



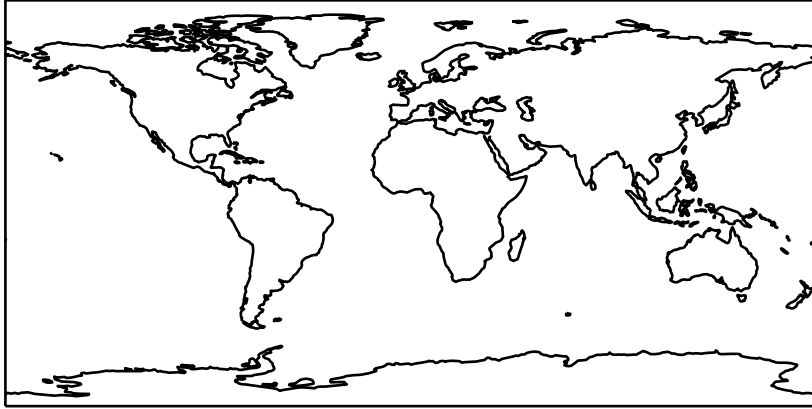
Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range





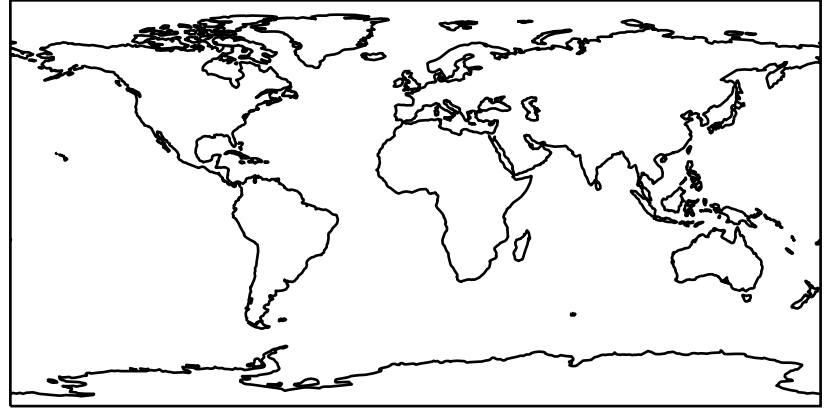
# EmisGLYX\_Total

GCHP\_12.7.0 (Ref)  
c48



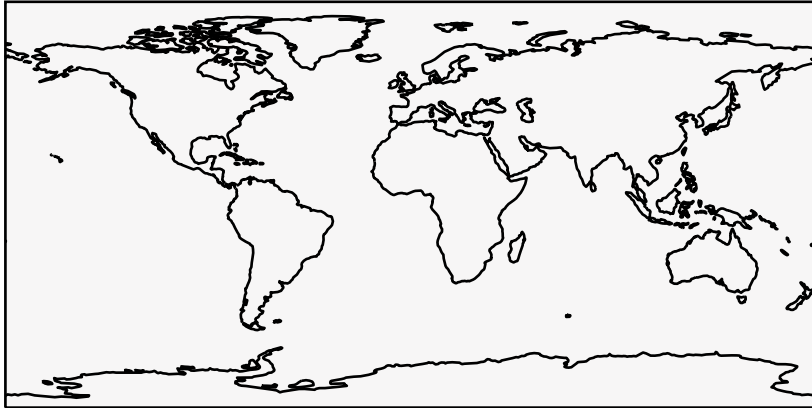
Zero throughout domain  
kg/m2/s

GCHP\_12.8.0 (Dev)  
c48



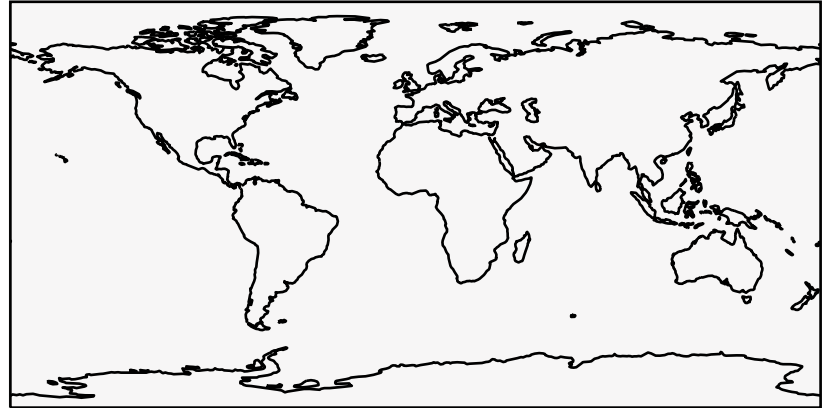
Zero throughout domain  
kg/m2/s

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



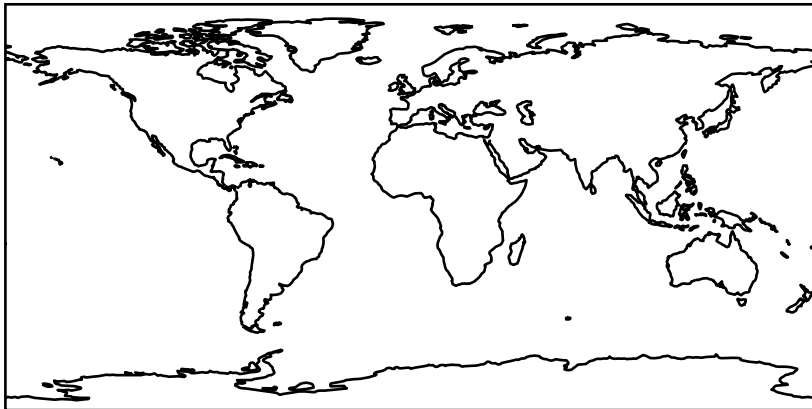
Zero throughout domain  
kg/m2/s

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



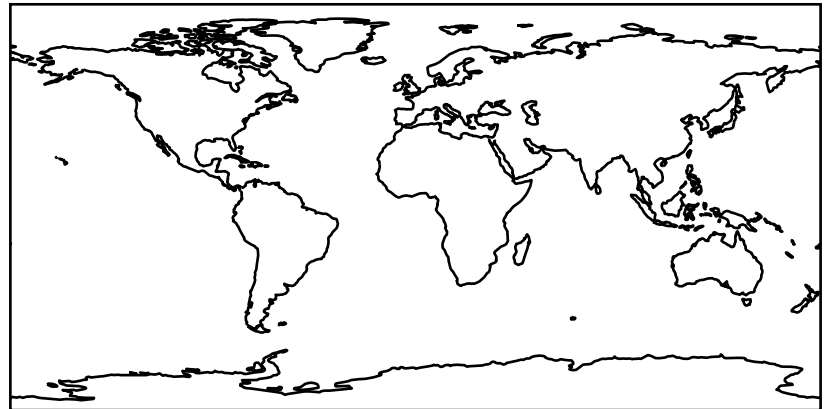
Zero throughout domain  
kg/m2/s

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



Undefined throughout domain  
unitless

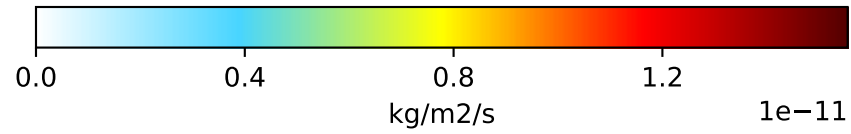
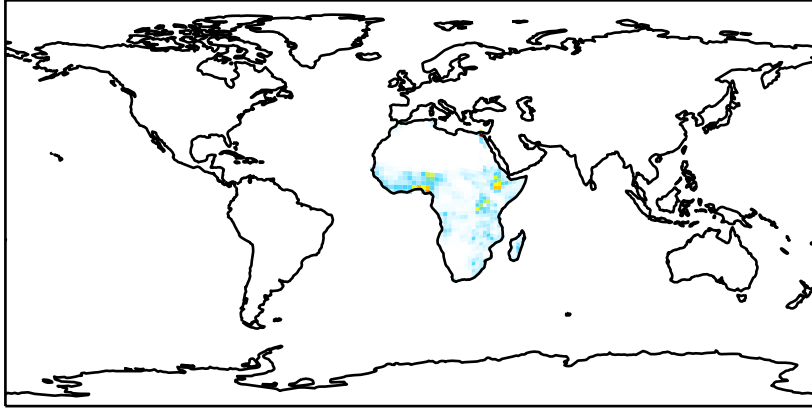
Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range



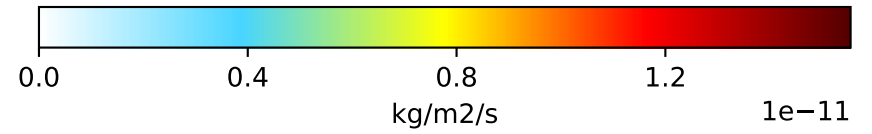
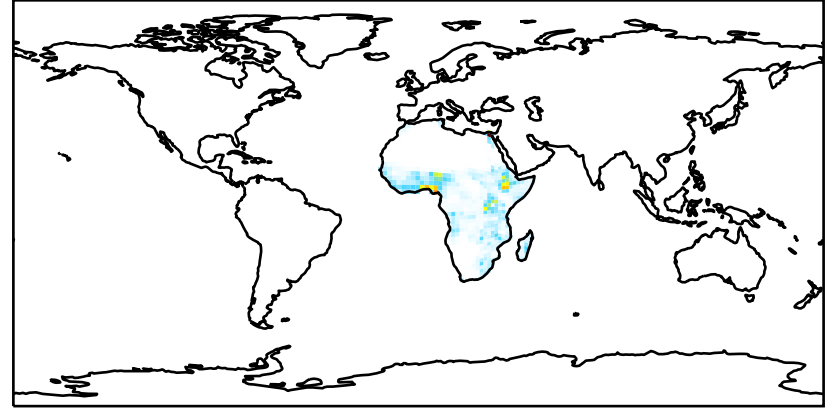
Undefined throughout domain  
unitless

# EmisHAC\_Total

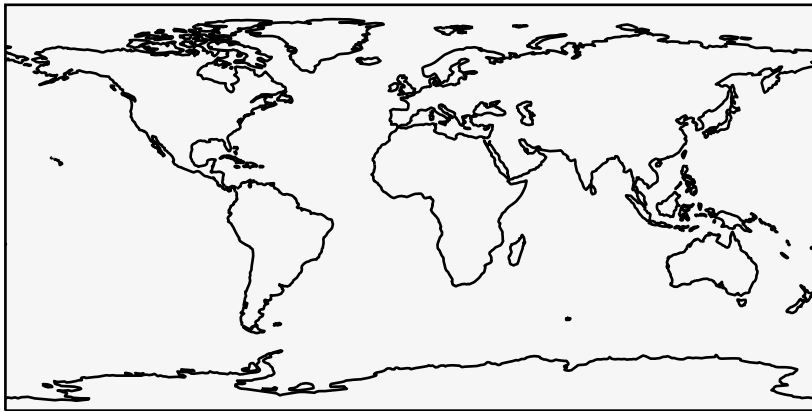
GCHP\_12.7.0 (Ref)  
c48



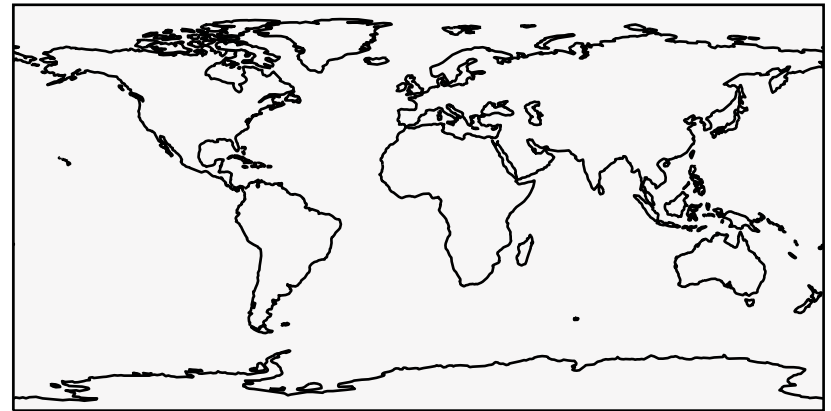
GCHP\_12.8.0 (Dev)  
c48



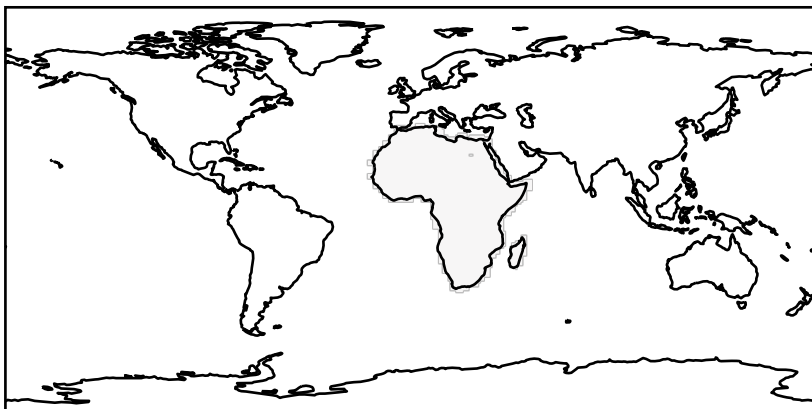
Difference (1x1.25)  
Dev - Ref, Dynamic Range



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



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

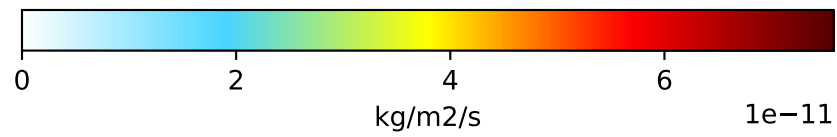
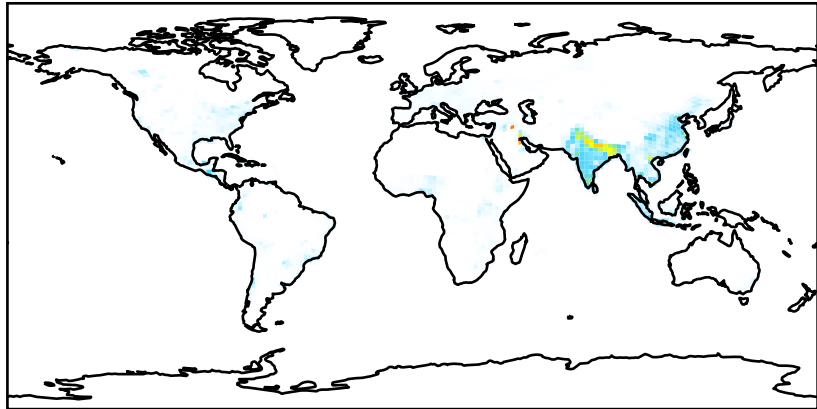


Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

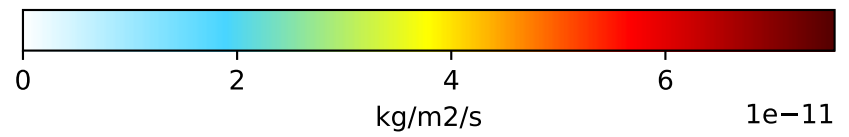
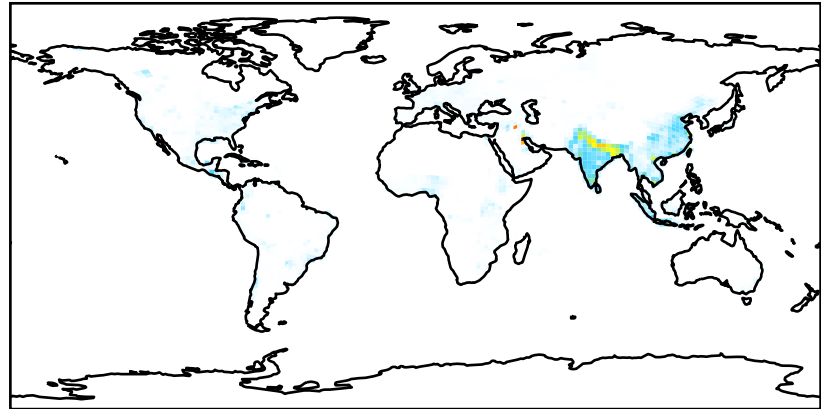


# EmisHCOOH\_Total

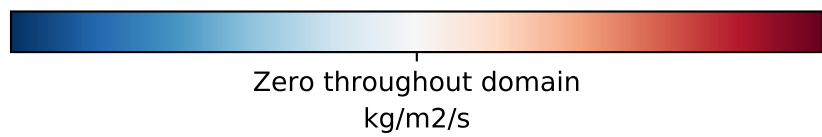
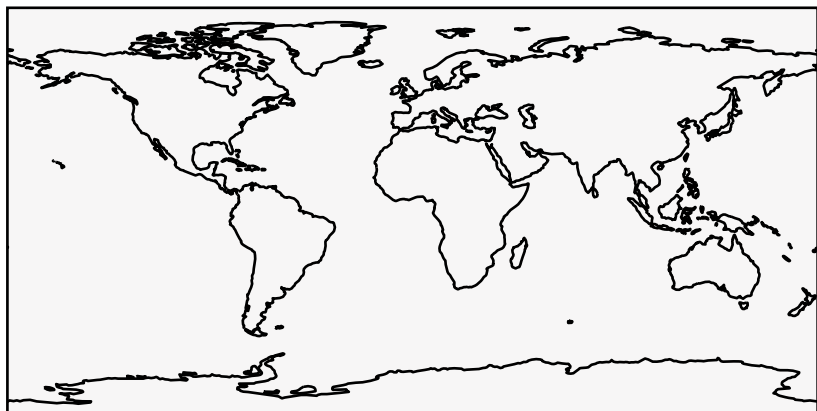
GCHP\_12.7.0 (Ref)  
c48



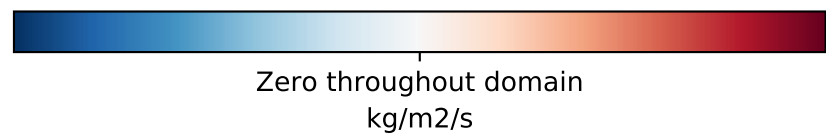
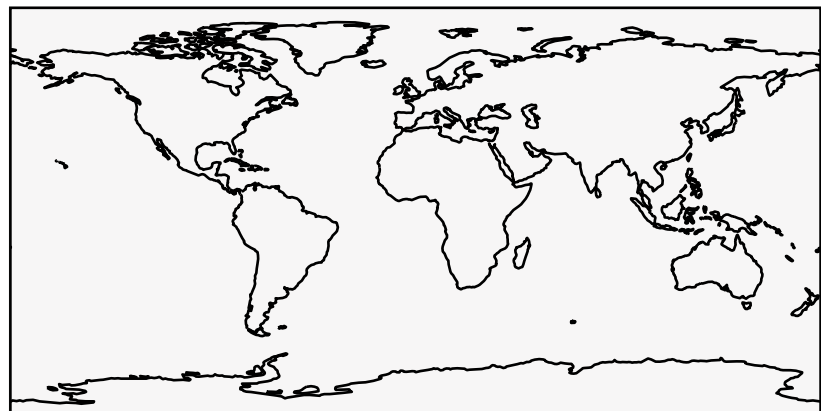
GCHP\_12.8.0 (Dev)  
c48



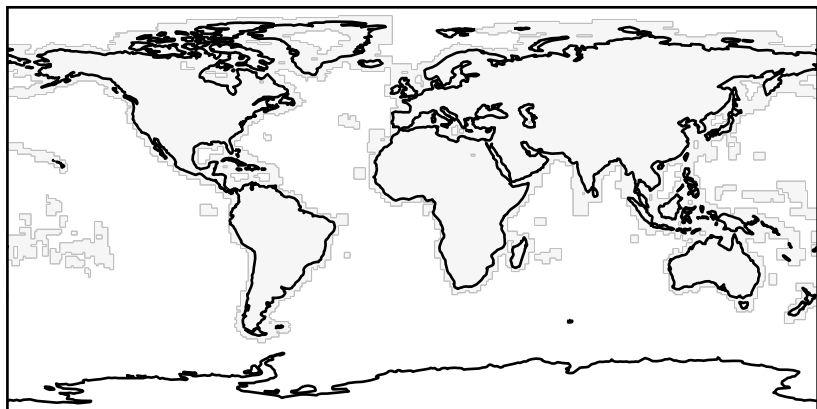
Difference (1x1.25)  
Dev - Ref, Dynamic Range



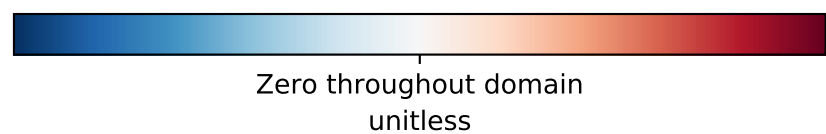
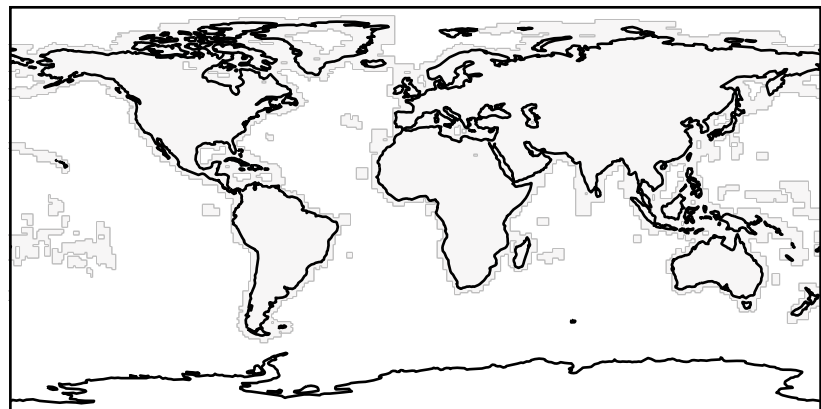
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

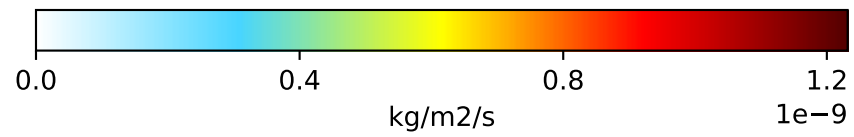
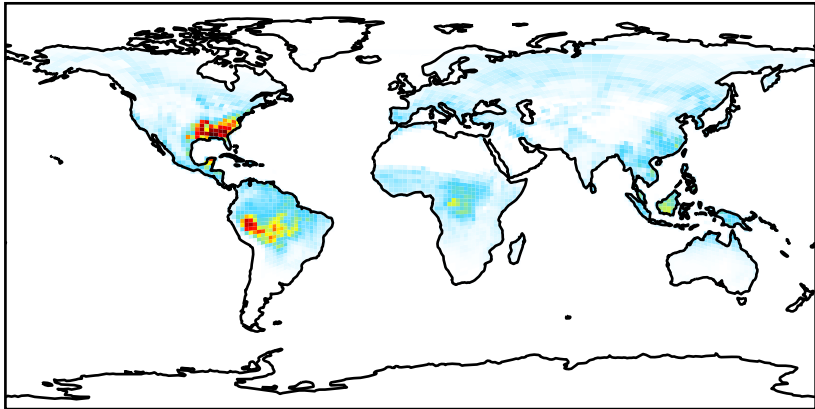


Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

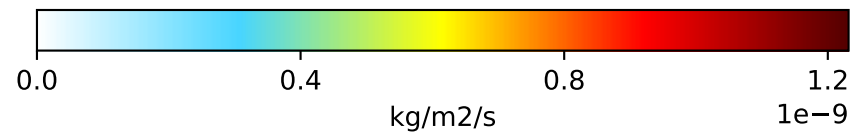
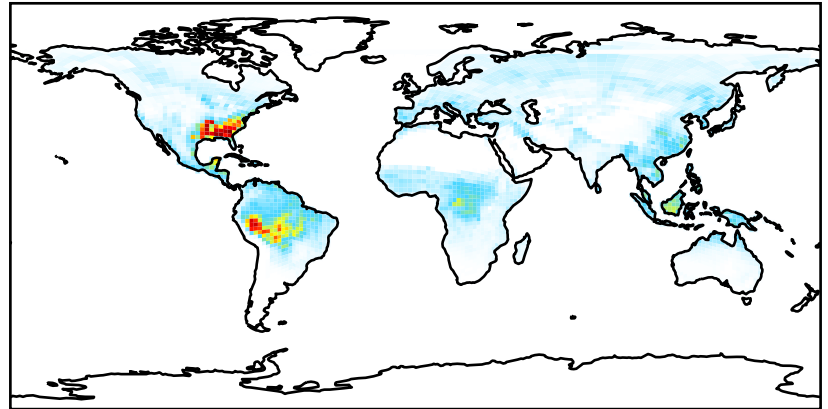


# EmisSOP\_Total

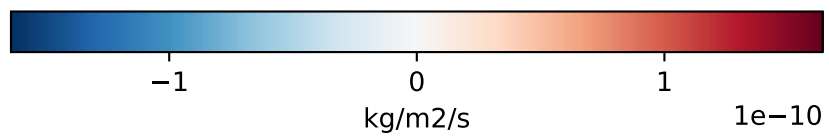
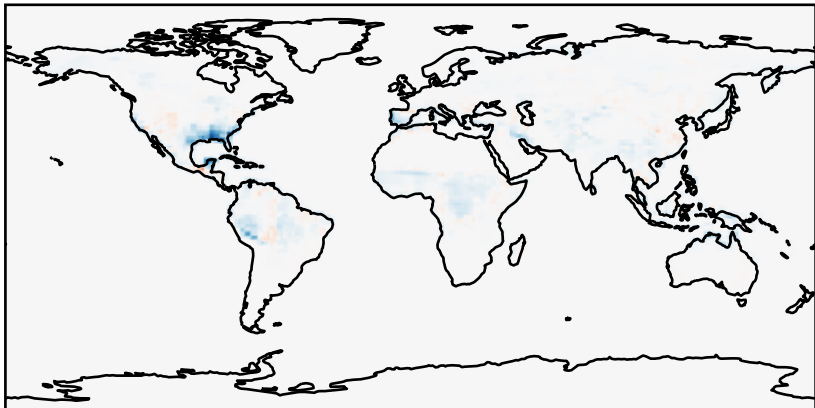
GCHP\_12.7.0 (Ref)  
c48



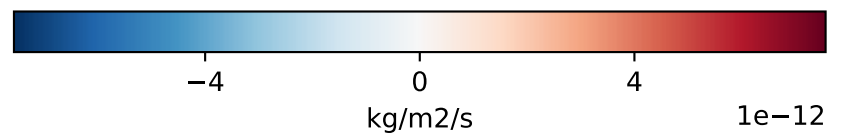
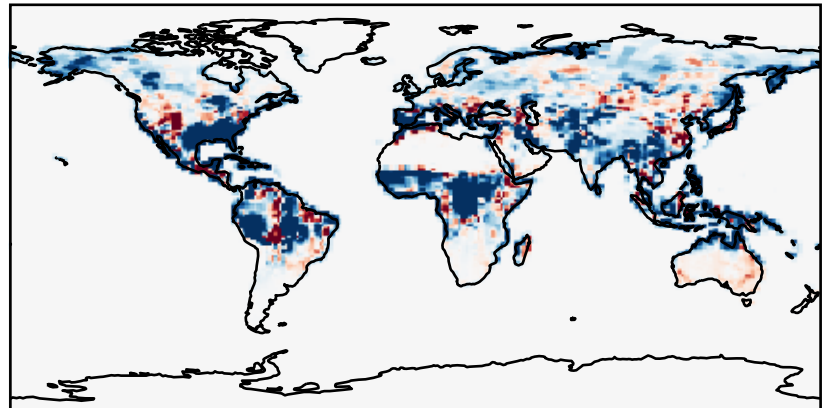
GCHP\_12.8.0 (Dev)  
c48



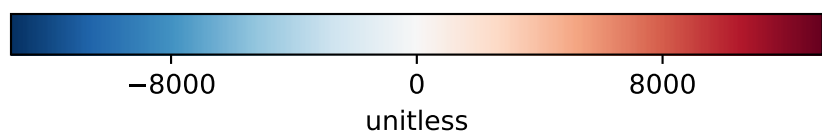
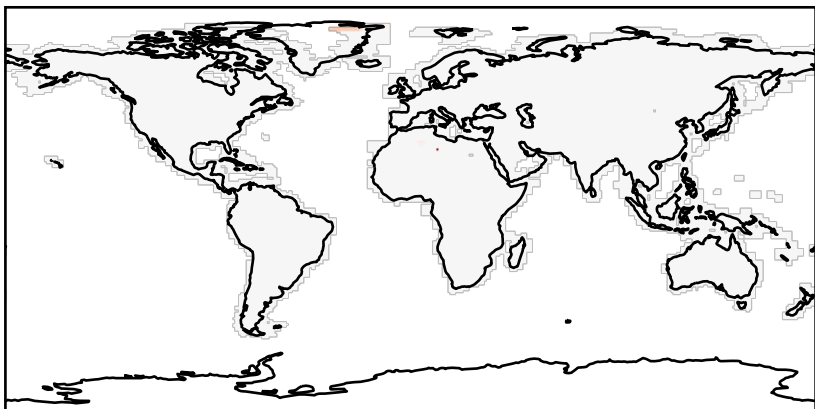
Difference (1x1.25)  
Dev - Ref, Dynamic Range



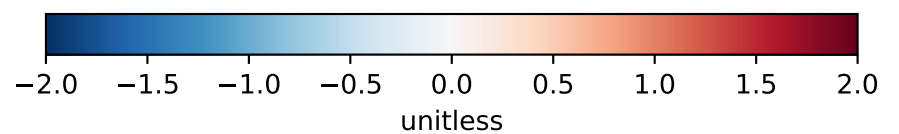
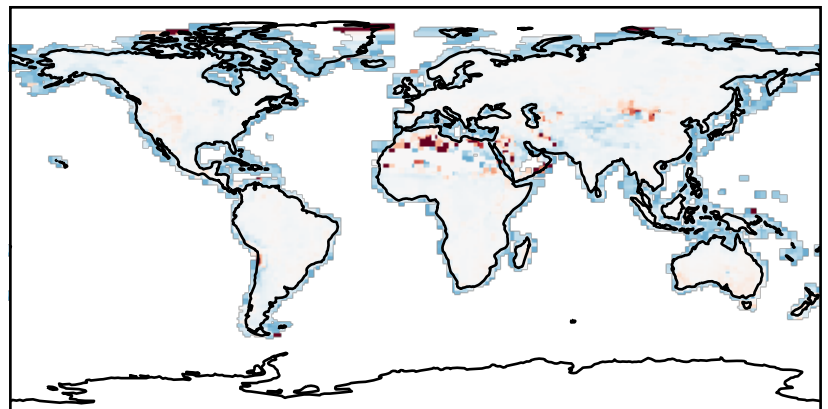
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

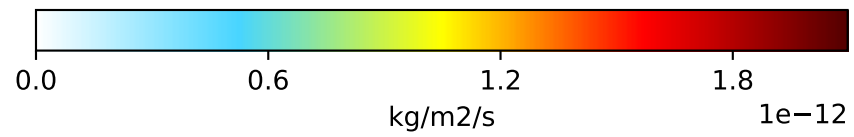


Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

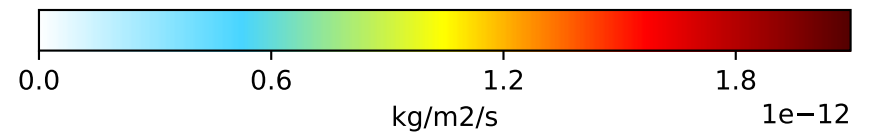
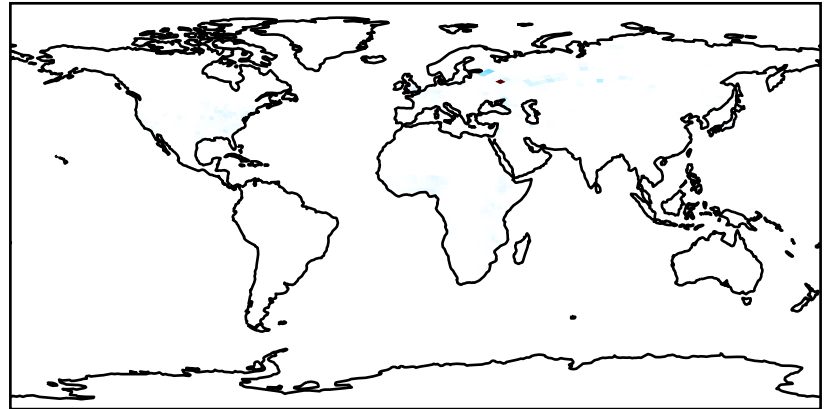


# EmisMACR\_Total

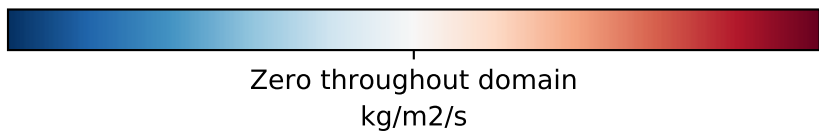
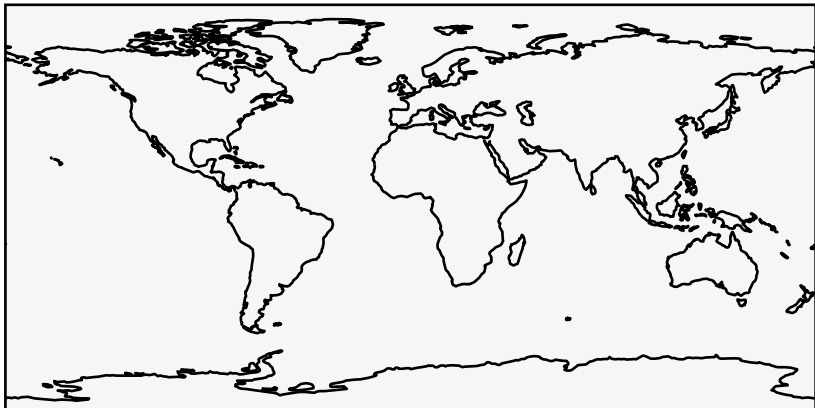
GCHP\_12.7.0 (Ref)  
c48



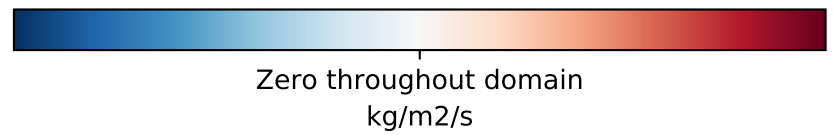
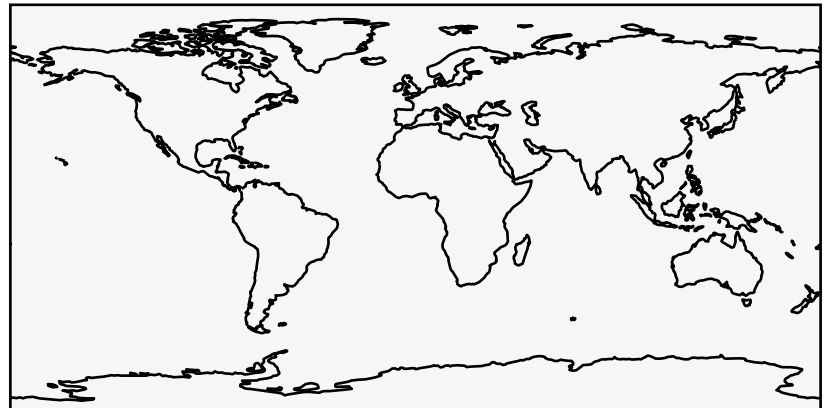
GCHP\_12.8.0 (Dev)  
c48



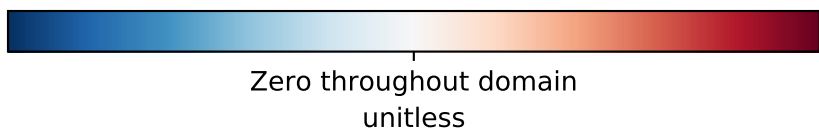
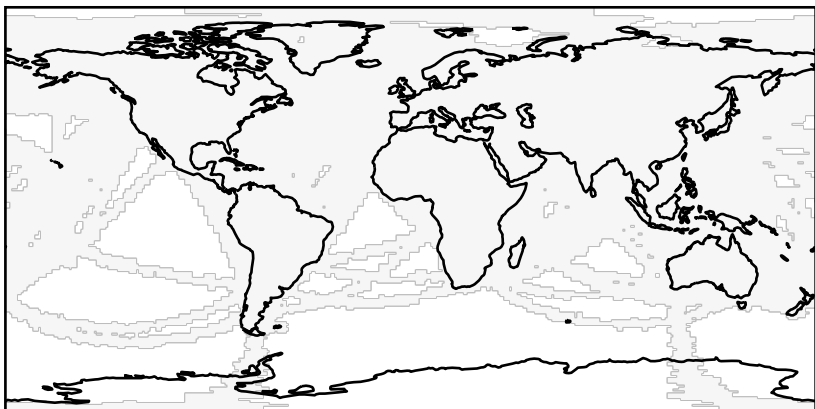
Difference (1x1.25)  
Dev - Ref, Dynamic Range



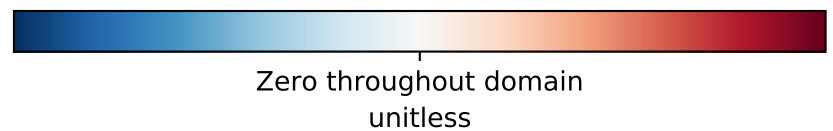
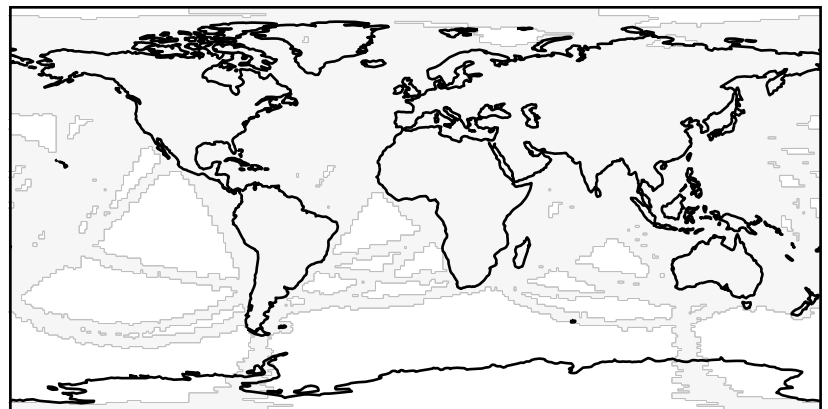
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

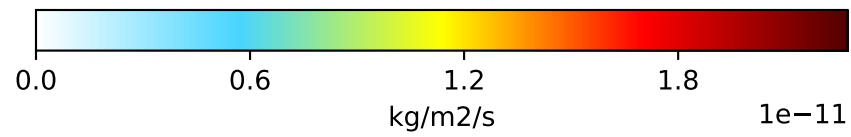
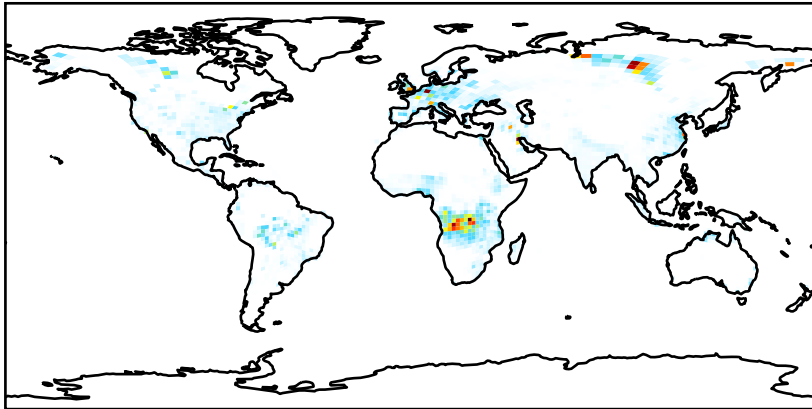


Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

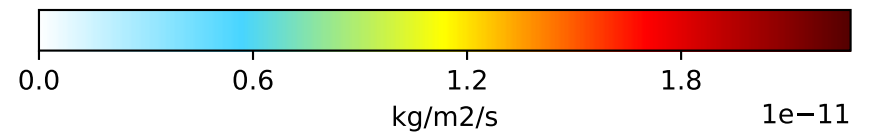
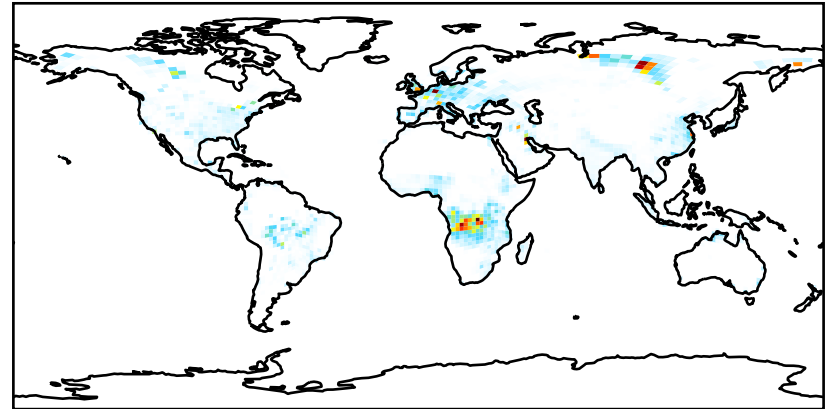


# EmisMEK\_Total

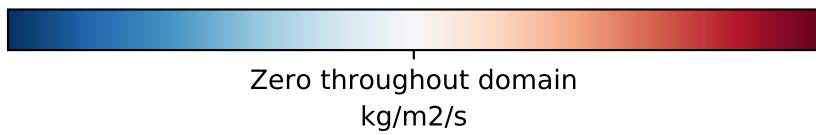
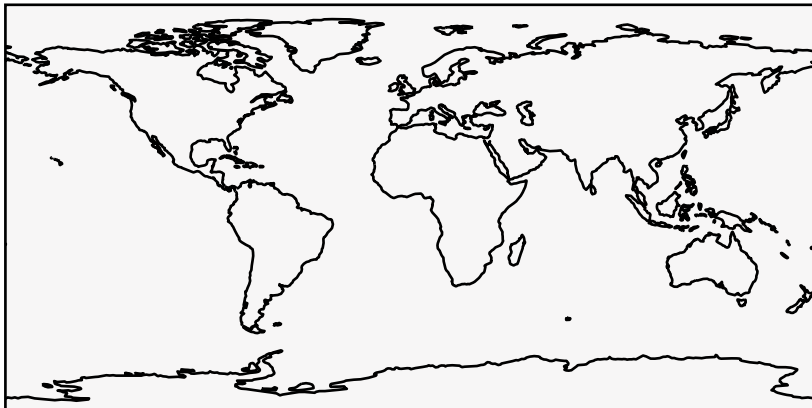
GCHP\_12.7.0 (Ref)  
c48



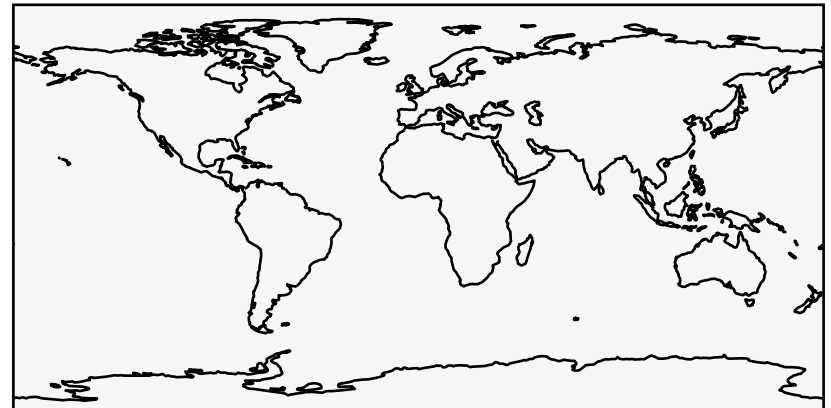
GCHP\_12.8.0 (Dev)  
c48



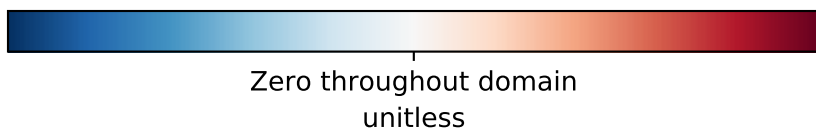
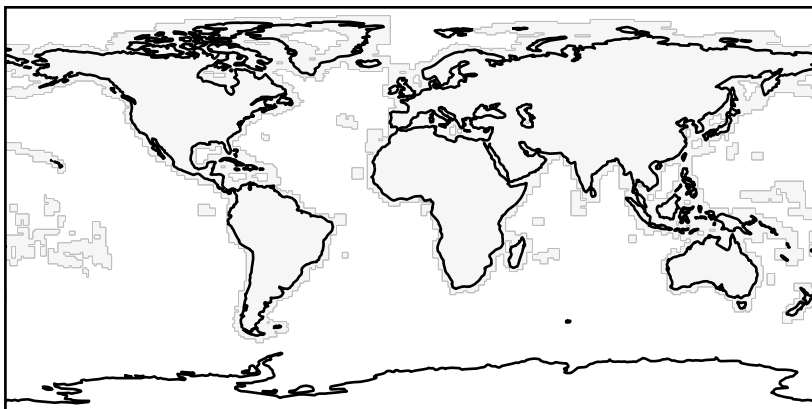
Difference (1x1.25)  
Dev - Ref, Dynamic Range



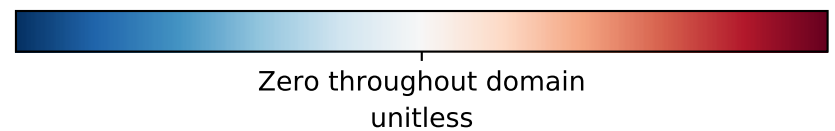
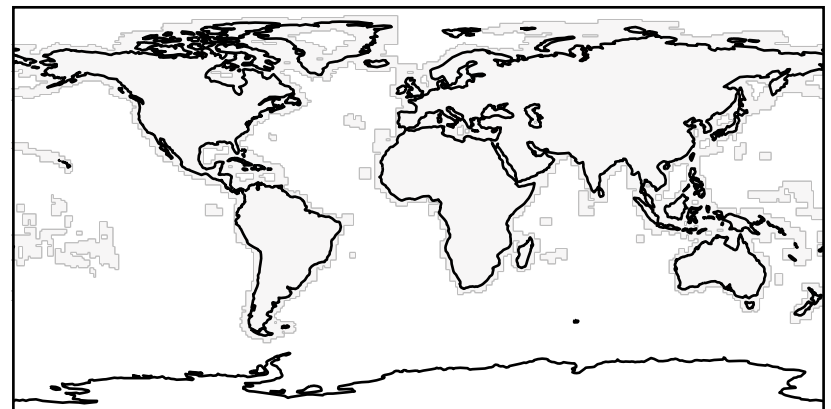
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



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



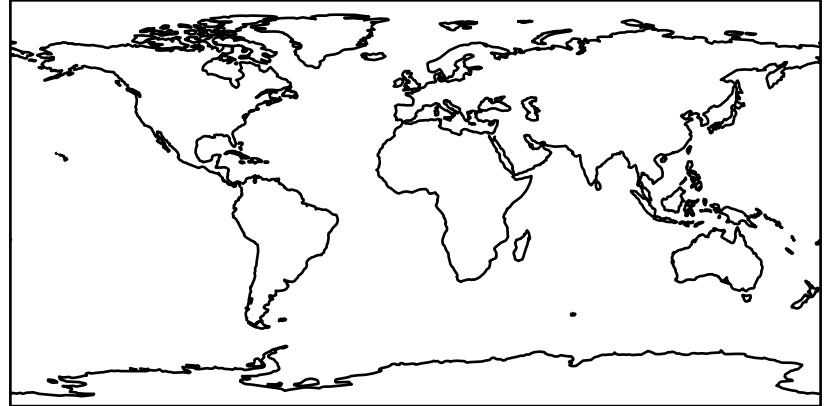
# EmisMGLY\_Total

GCHP\_12.7.0 (Ref)  
c48



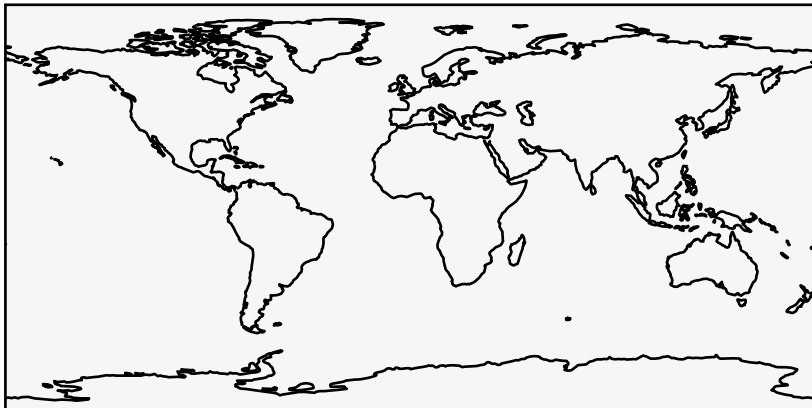
Zero throughout domain  
kg/m2/s

GCHP\_12.8.0 (Dev)  
c48



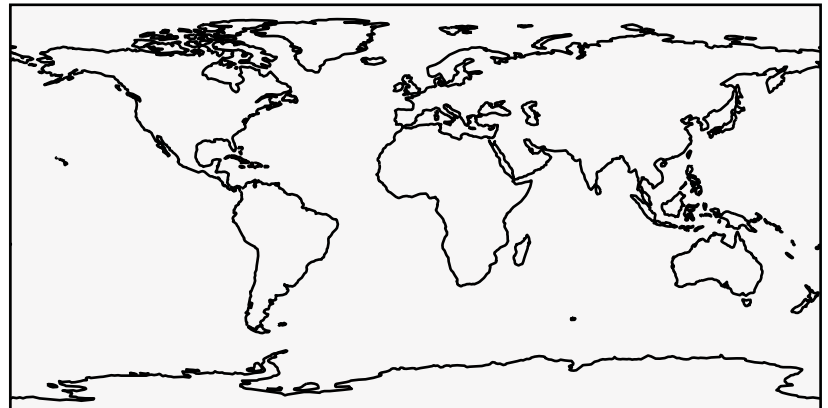
Zero throughout domain  
kg/m2/s

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



Zero throughout domain  
kg/m2/s

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



Zero throughout domain  
kg/m2/s

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



Undefined throughout domain  
unitless

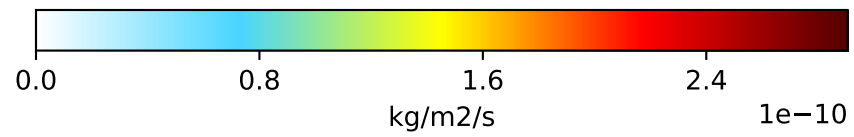
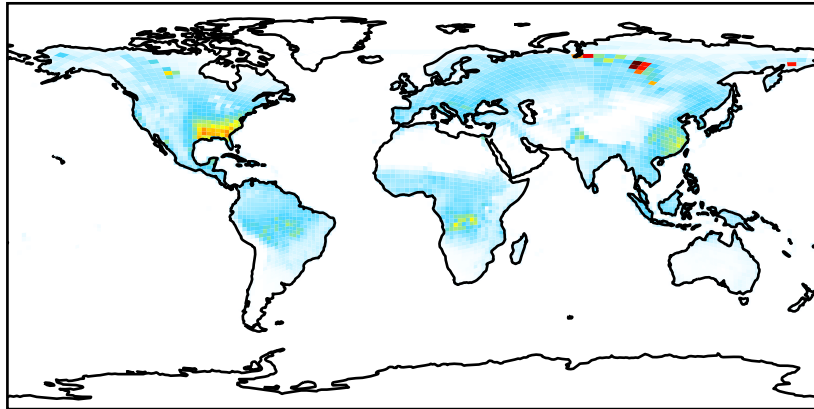
Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range



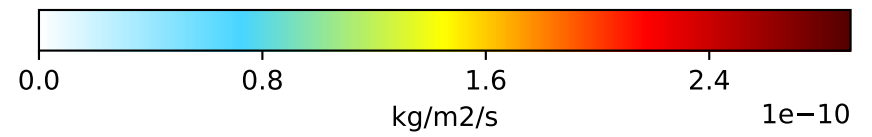
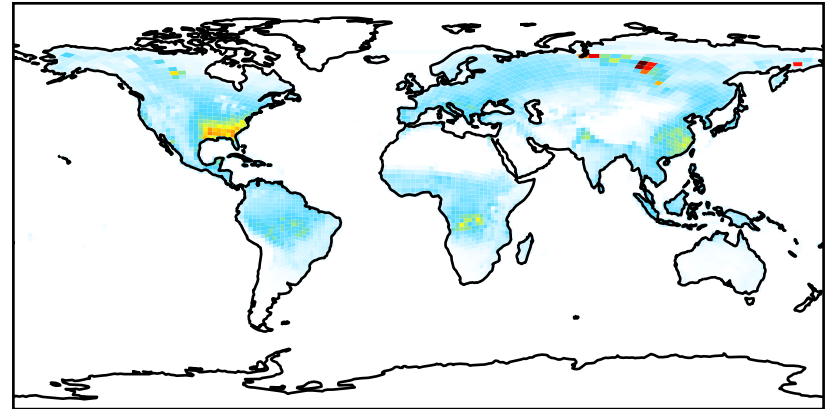
Undefined throughout domain  
unitless

# EmisMOH\_Total

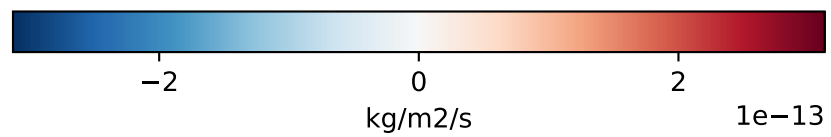
GCHP\_12.7.0 (Ref)  
c48



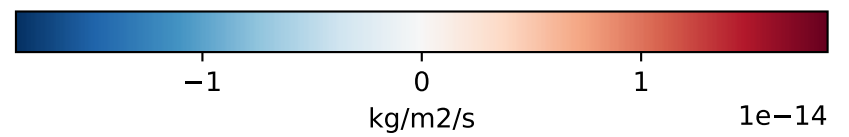
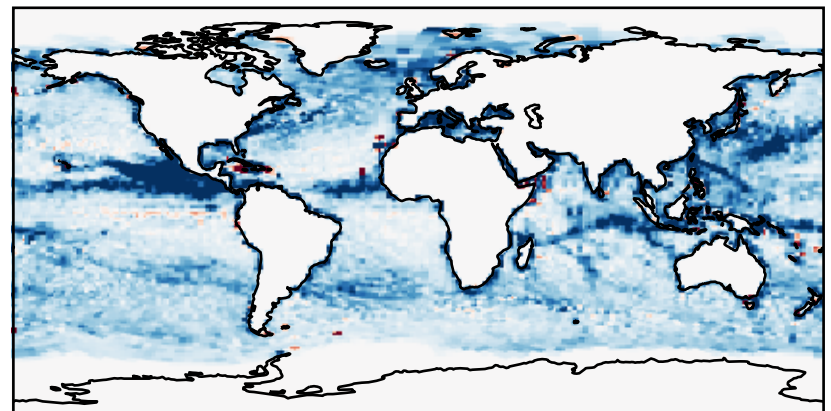
GCHP\_12.8.0 (Dev)  
c48



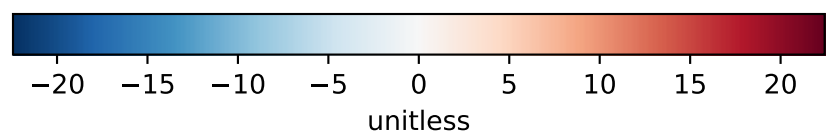
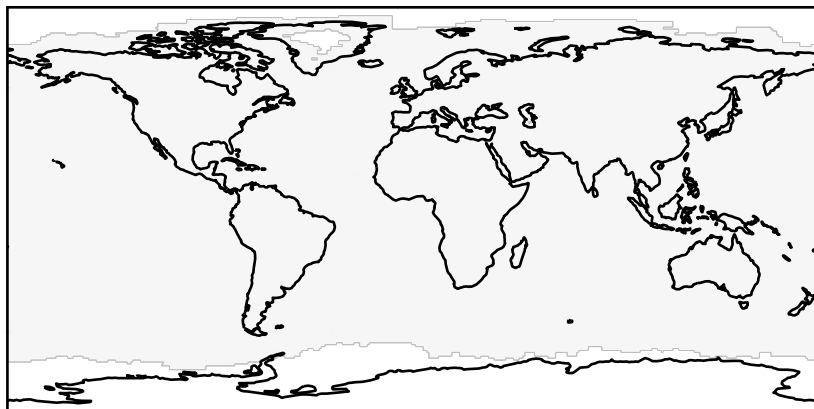
Difference (1x1.25)  
Dev - Ref, Dynamic Range



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



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



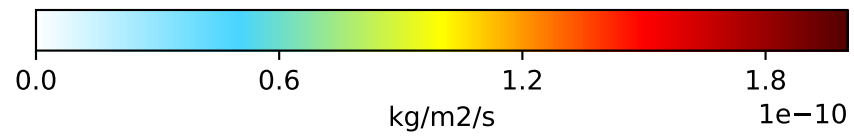
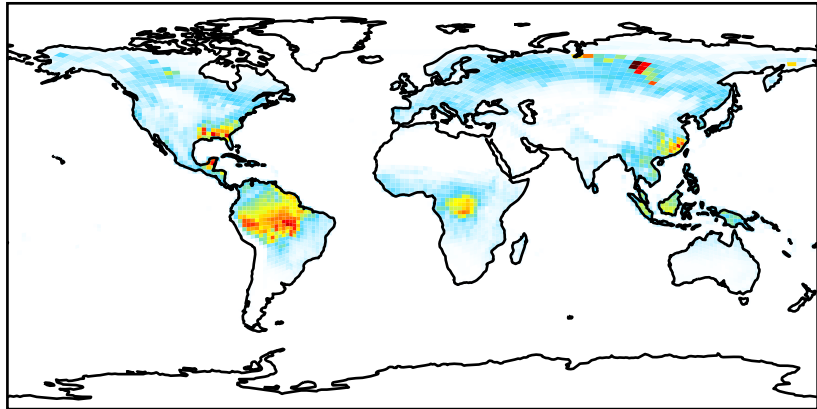
Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range



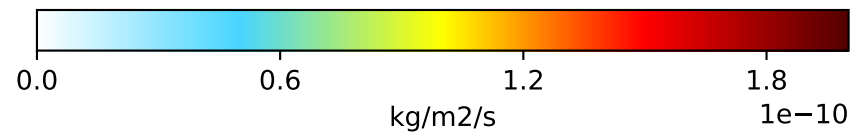
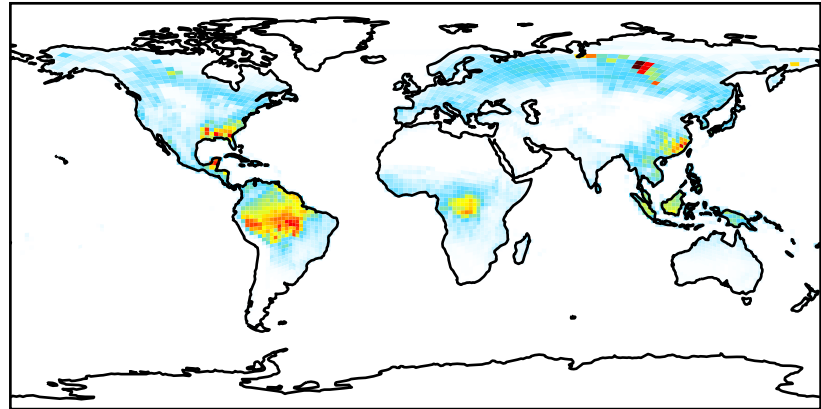


# EmisMTPA\_Total

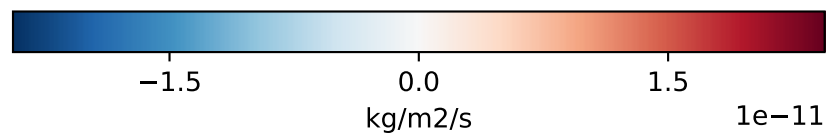
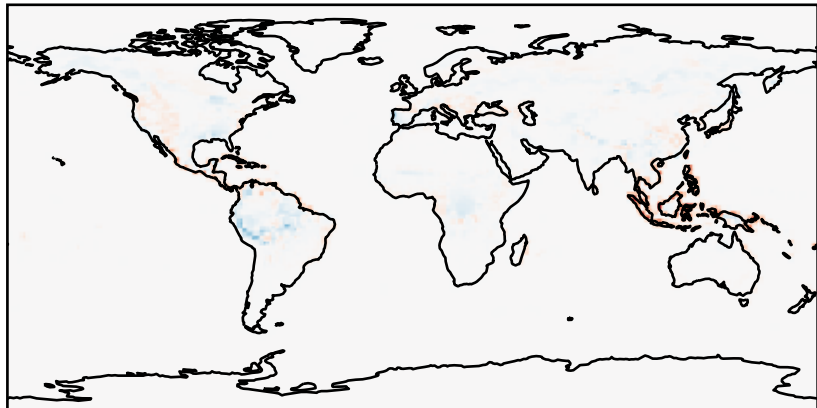
GCHP\_12.7.0 (Ref)  
c48



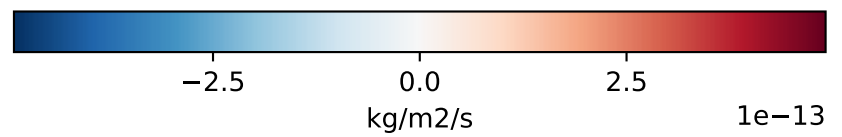
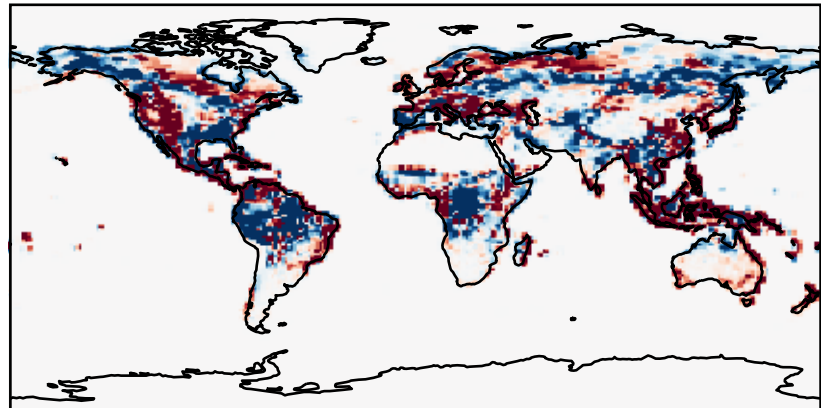
GCHP\_12.8.0 (Dev)  
c48



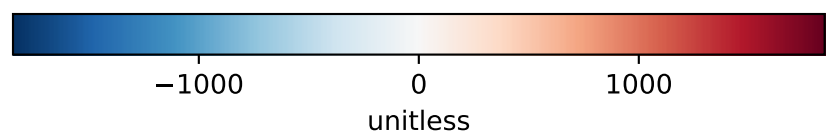
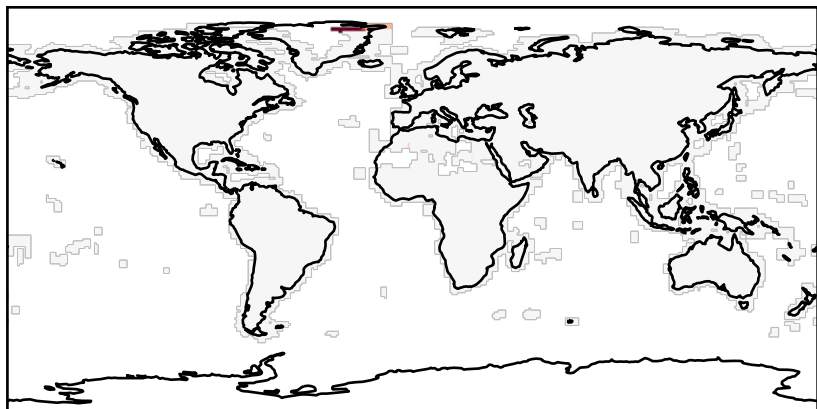
Difference (1x1.25)  
Dev - Ref, Dynamic Range



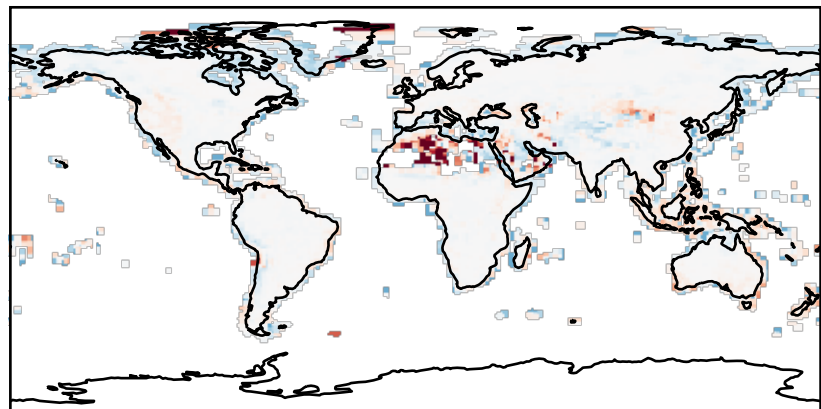
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



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



# EmisNAP\_Total

GCHP\_12.7.0 (Ref)  
c48



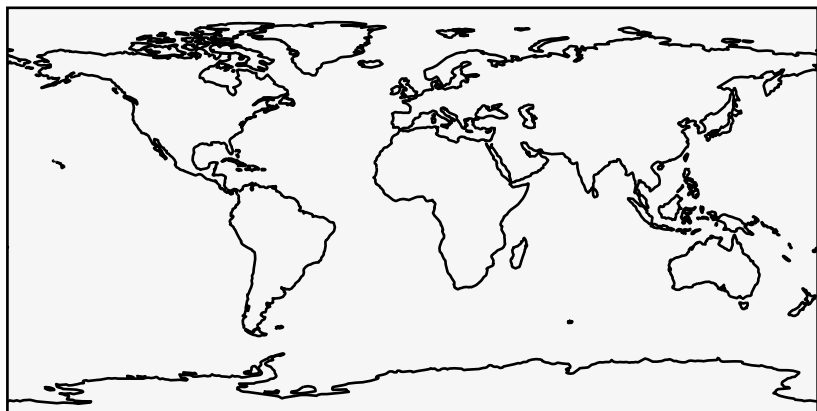
Zero throughout domain  
kg/m2/s

GCHP\_12.8.0 (Dev)  
c48



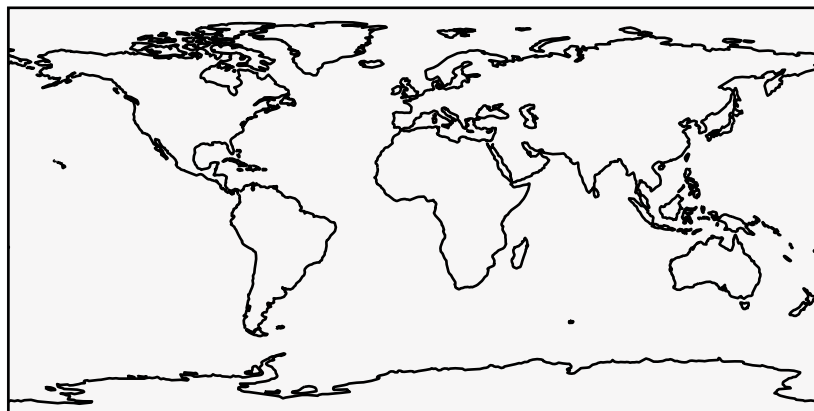
Zero throughout domain  
kg/m2/s

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



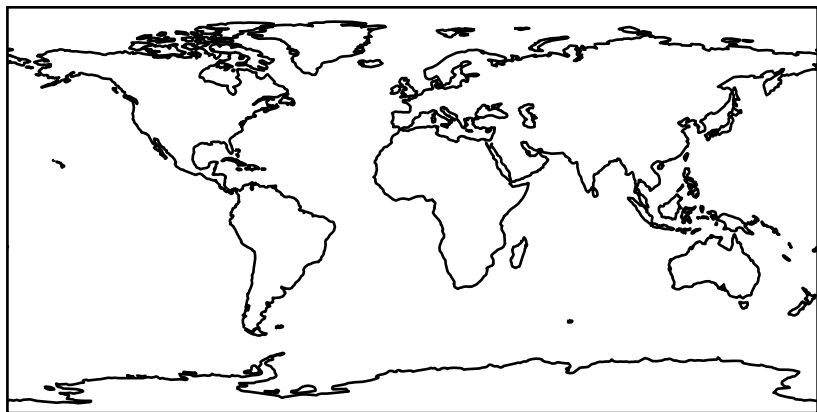
Zero throughout domain  
kg/m2/s

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



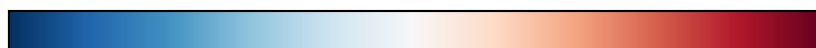
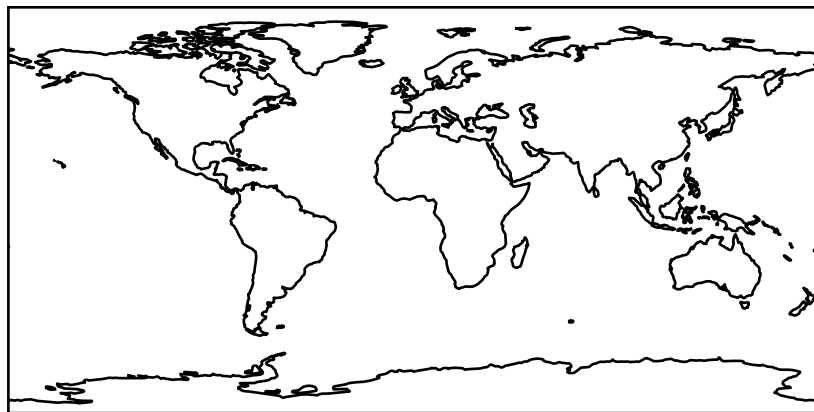
Zero throughout domain  
kg/m2/s

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



Undefined throughout domain  
unitless

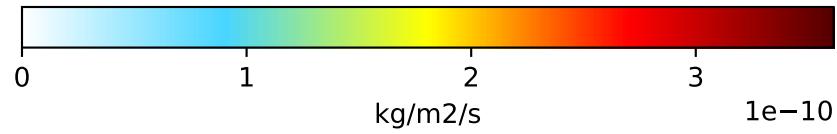
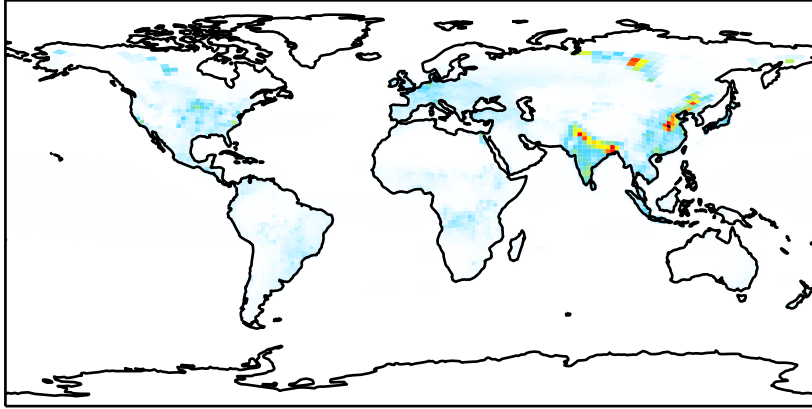
Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range



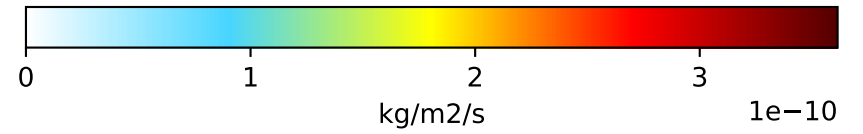
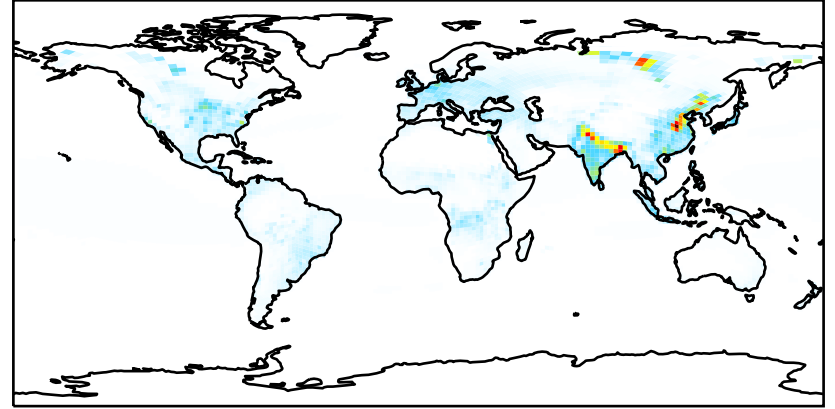
Undefined throughout domain  
unitless

# EmisNH3\_Total

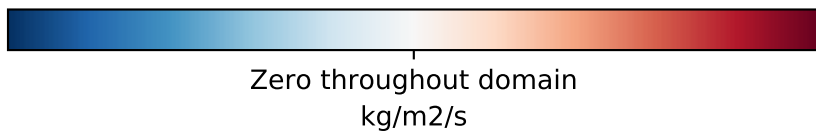
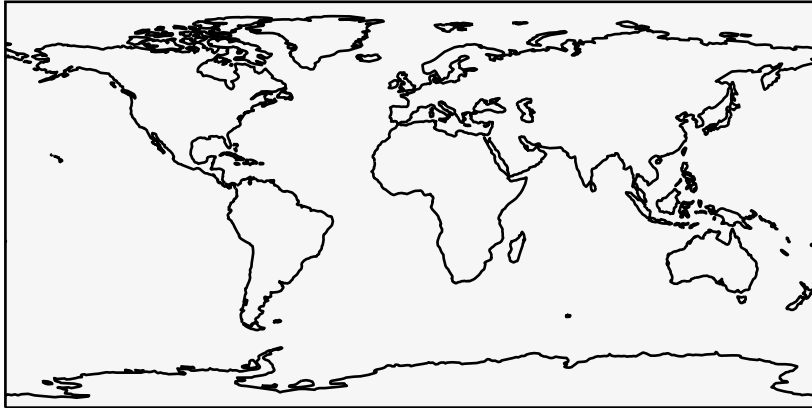
GCHP\_12.7.0 (Ref)  
c48



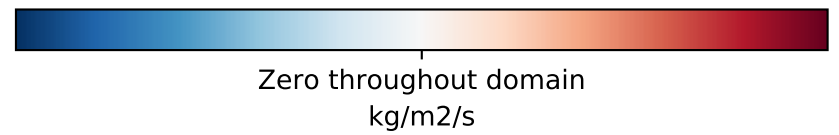
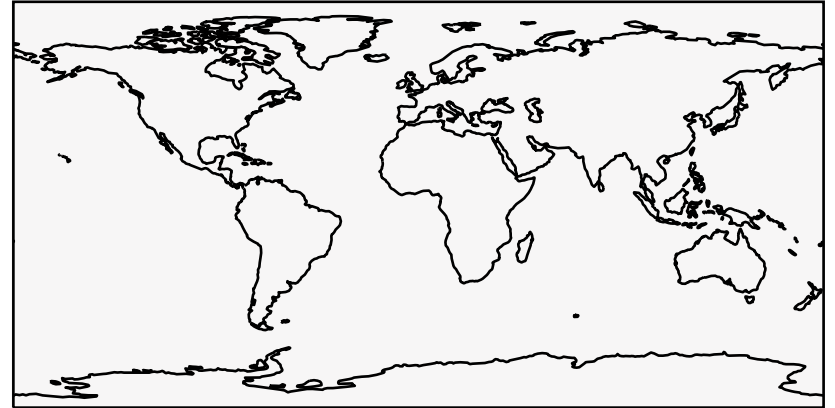
GCHP\_12.8.0 (Dev)  
c48



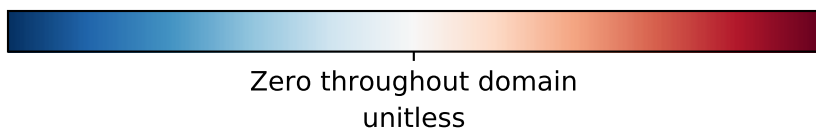
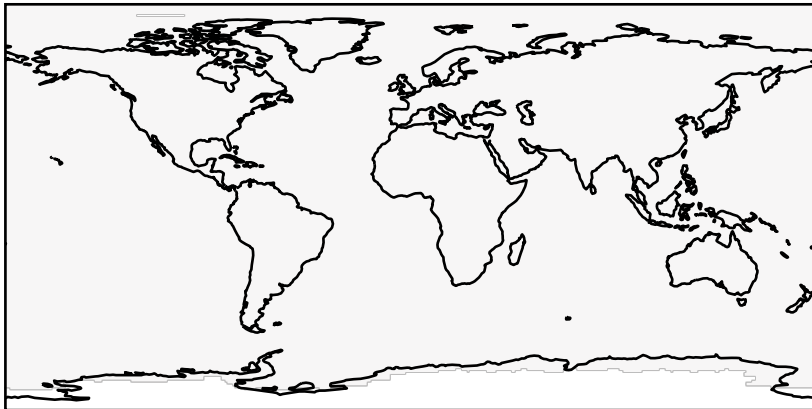
Difference (1x1.25)  
Dev - Ref, Dynamic Range



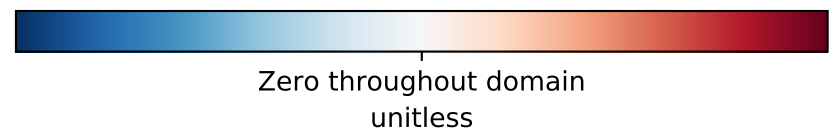
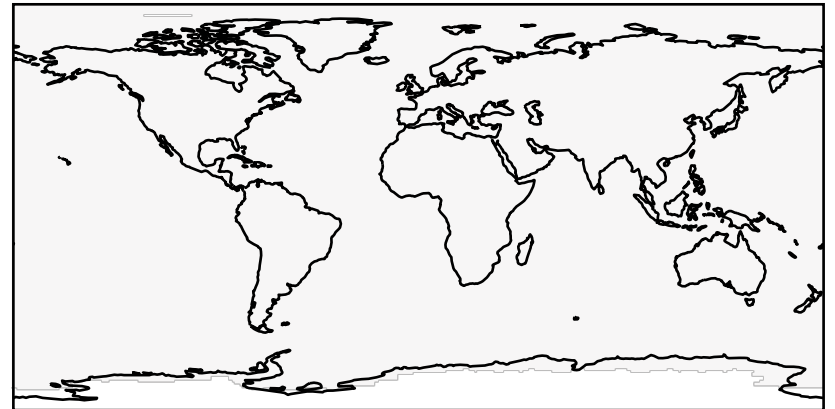
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

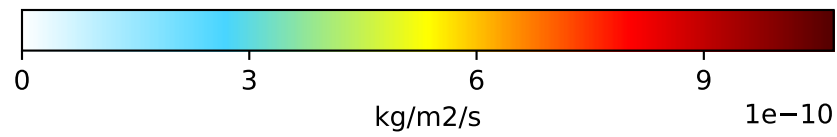
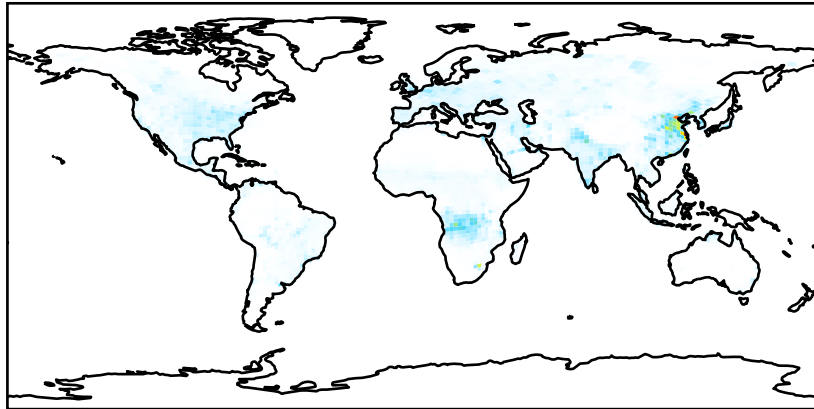


Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

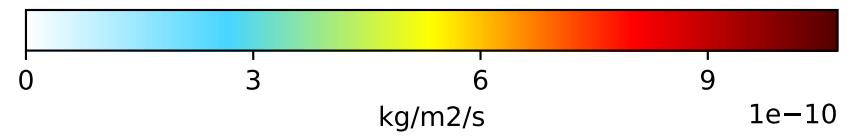
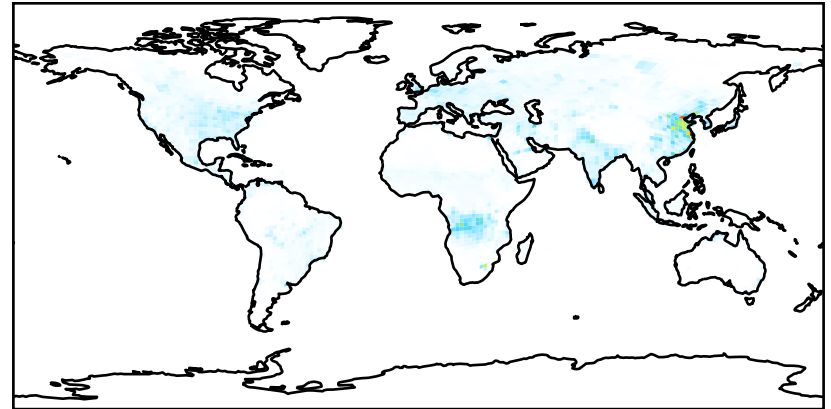


# EmisNO\_Total

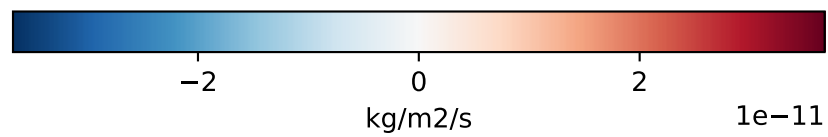
GCHP\_12.7.0 (Ref)  
c48



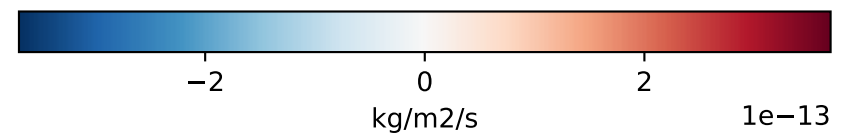
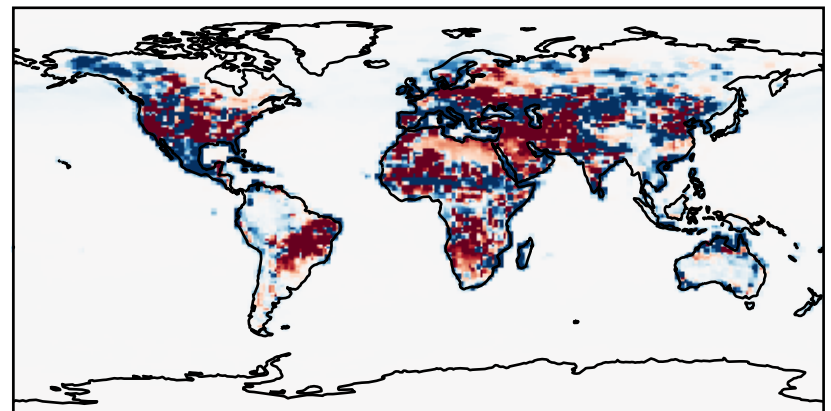
GCHP\_12.8.0 (Dev)  
c48



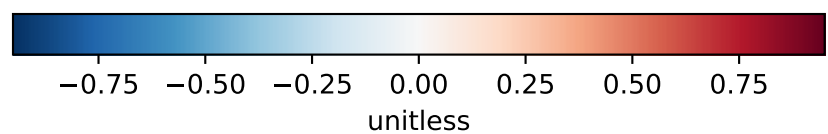
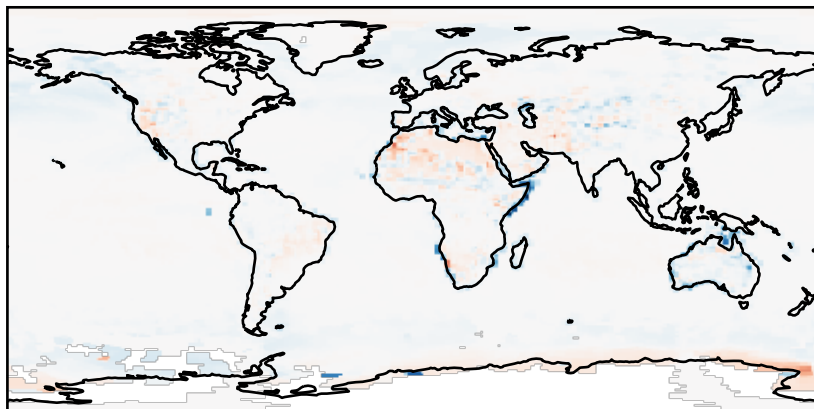
Difference (1x1.25)  
Dev - Ref, Dynamic Range



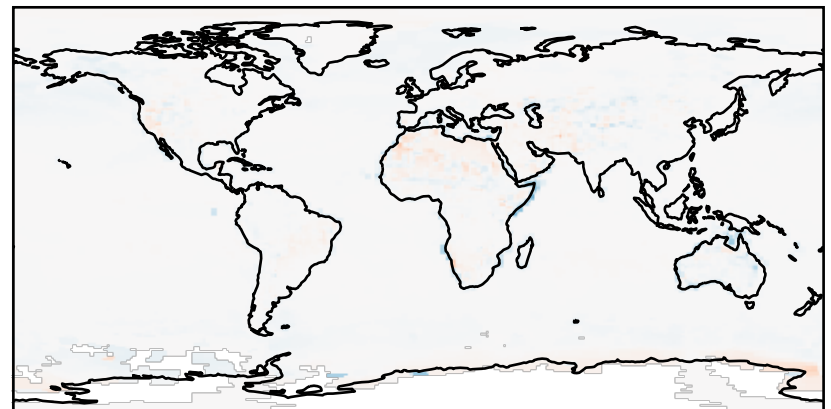
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

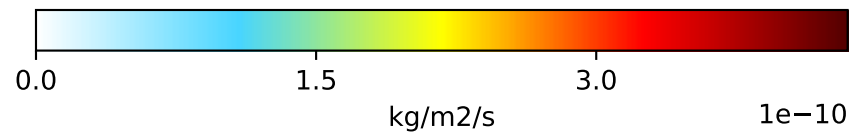
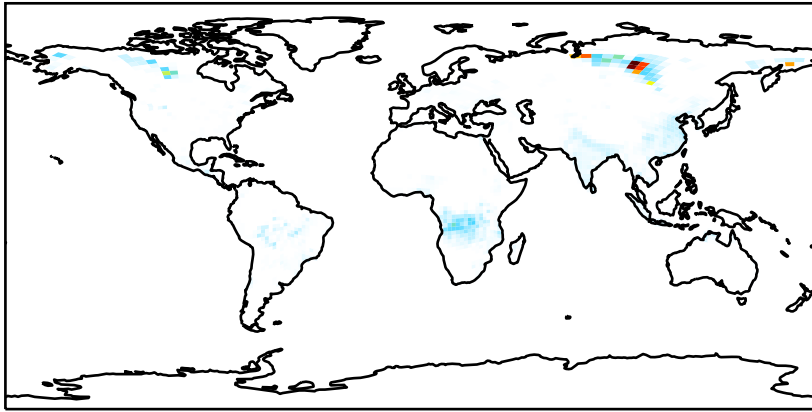


Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

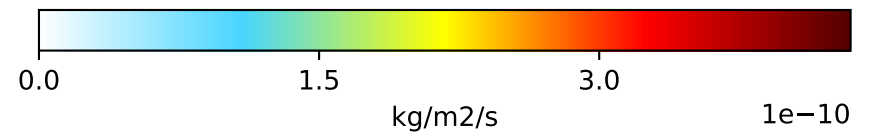
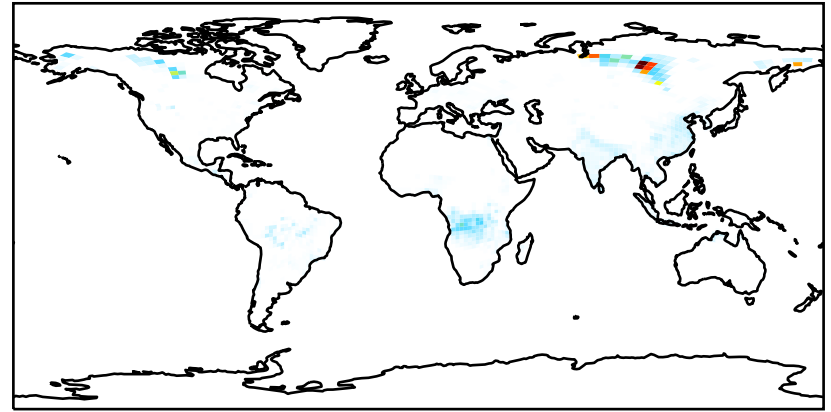


# EmisOCPI\_Total

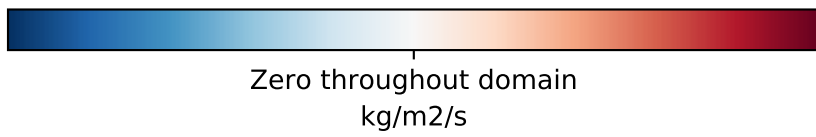
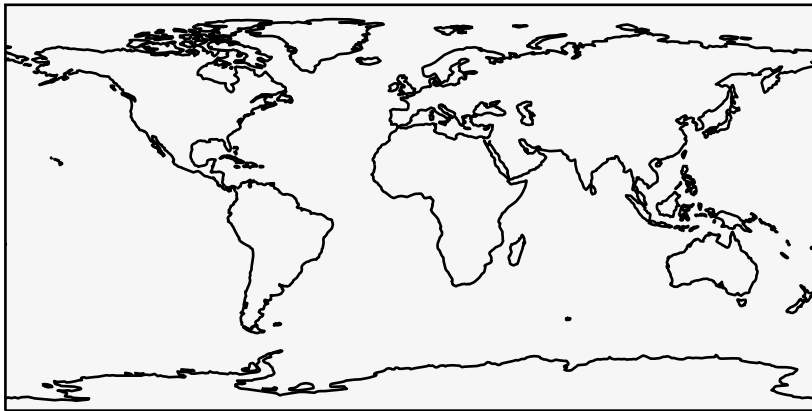
GCHP\_12.7.0 (Ref)  
c48



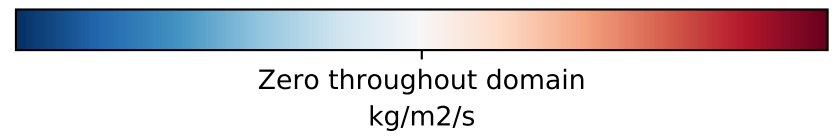
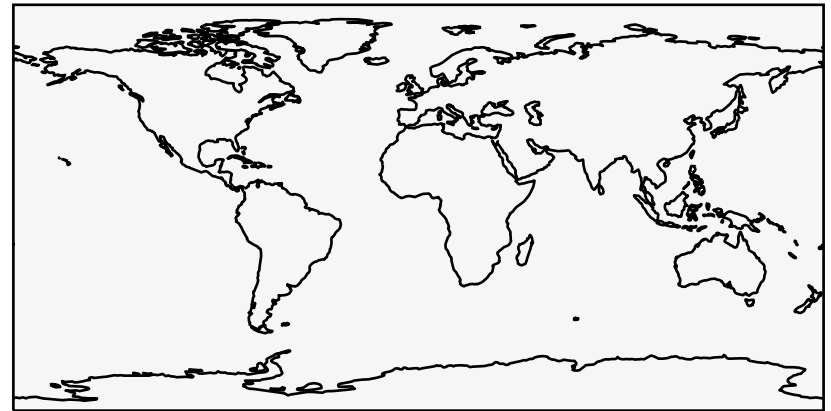
GCHP\_12.8.0 (Dev)  
c48



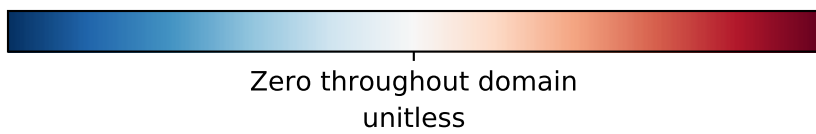
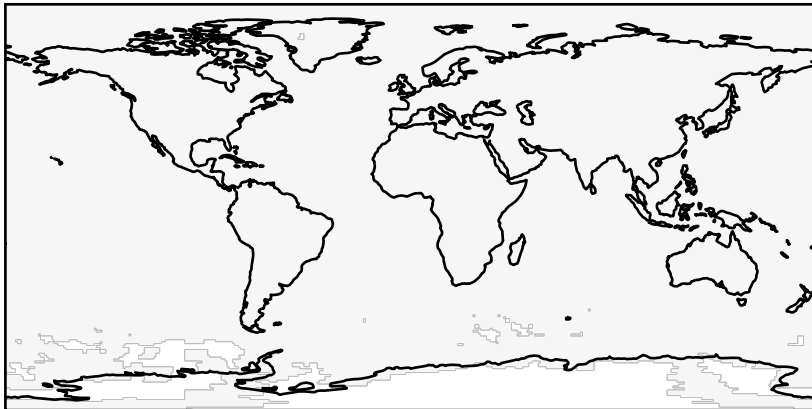
Difference (1x1.25)  
Dev - Ref, Dynamic Range



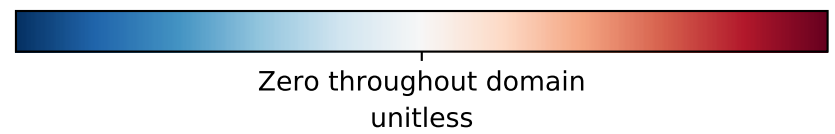
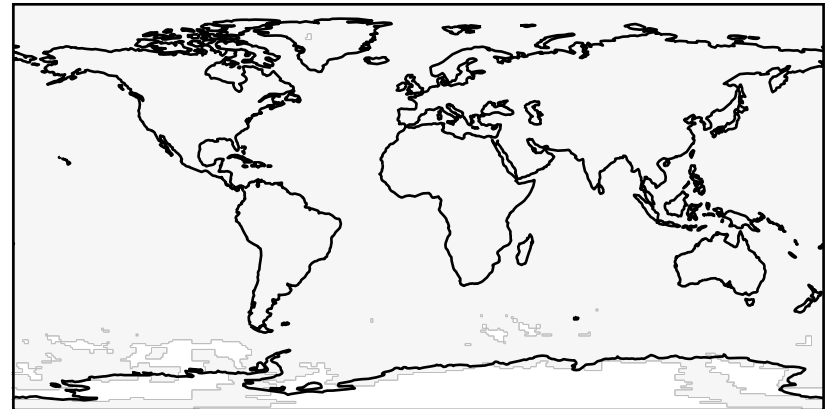
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

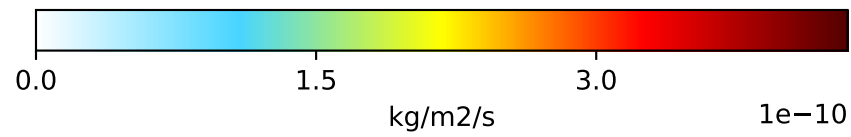
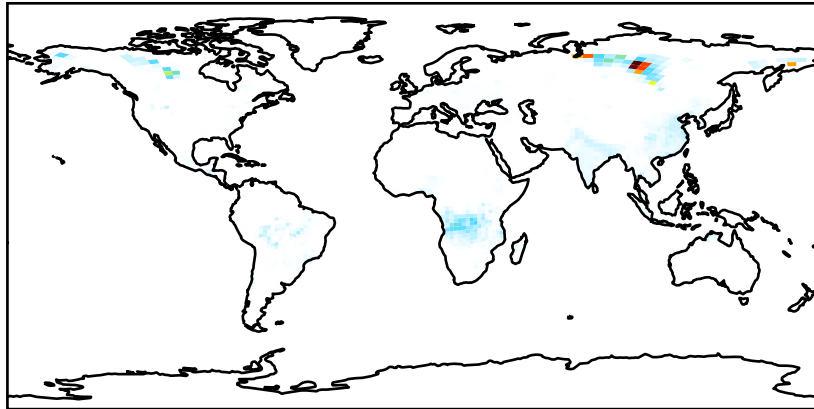


Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

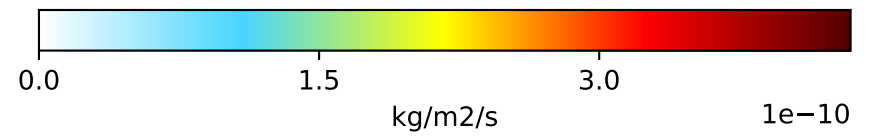
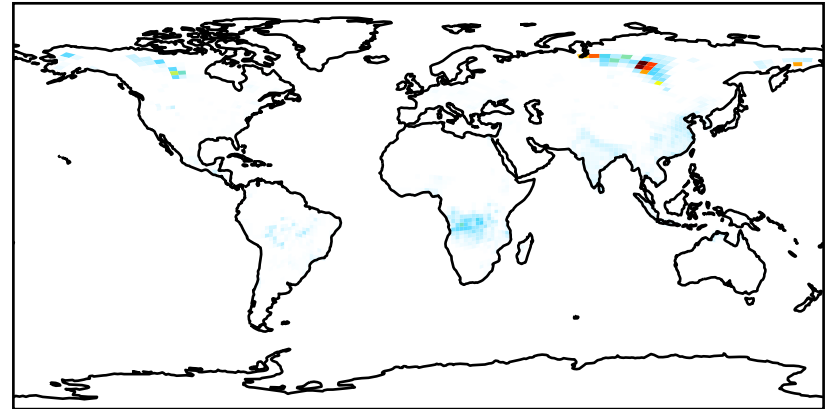


# EmisOCPO\_Total

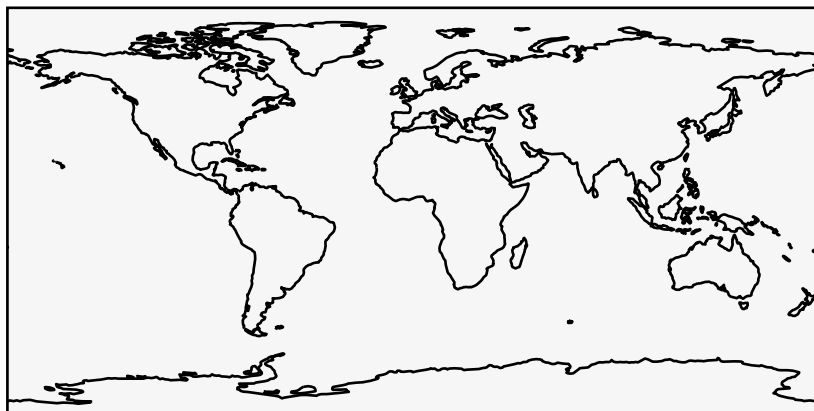
GCHP\_12.7.0 (Ref)  
c48



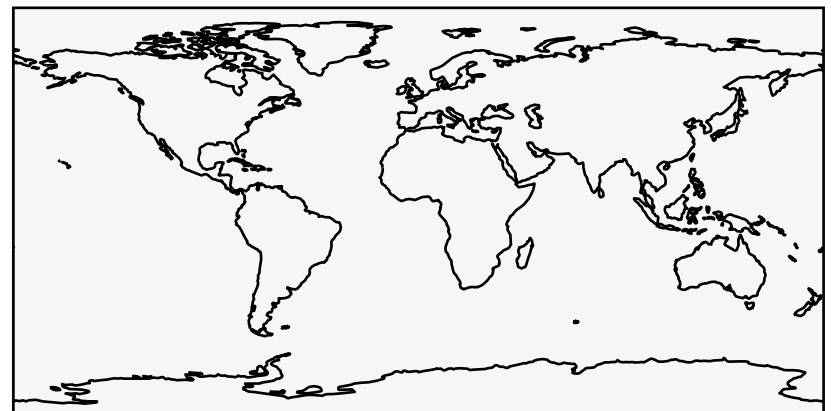
GCHP\_12.8.0 (Dev)  
c48



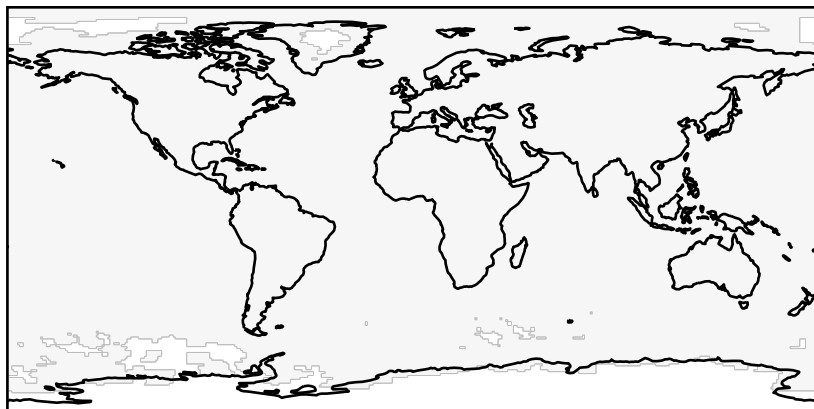
Difference (1x1.25)  
Dev - Ref, Dynamic Range



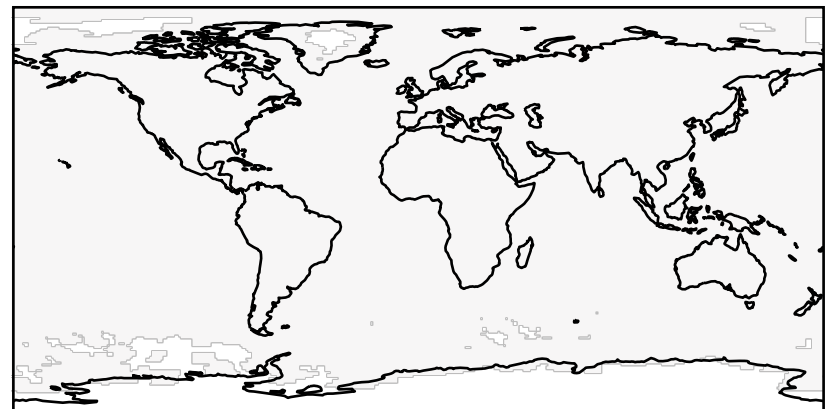
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

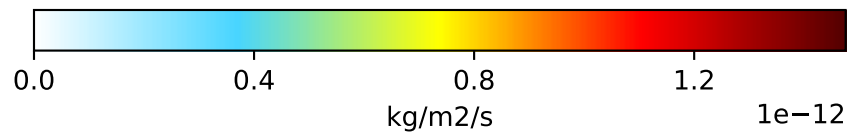
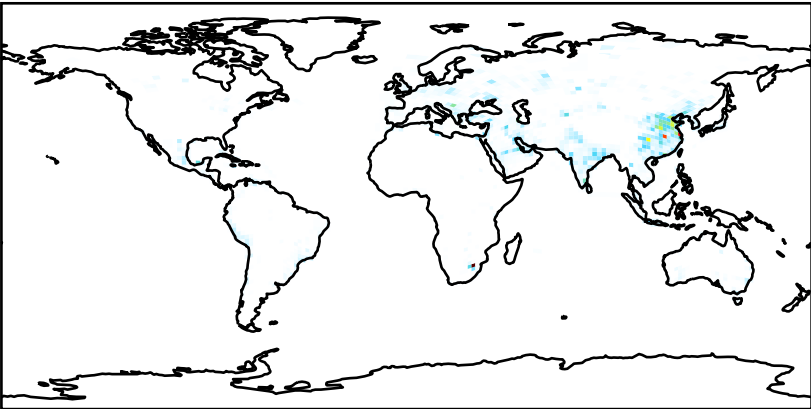


Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

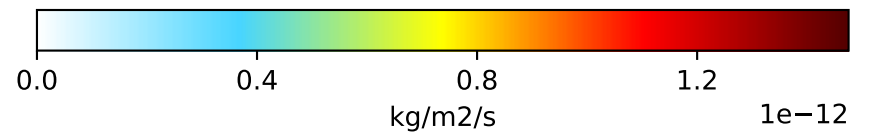
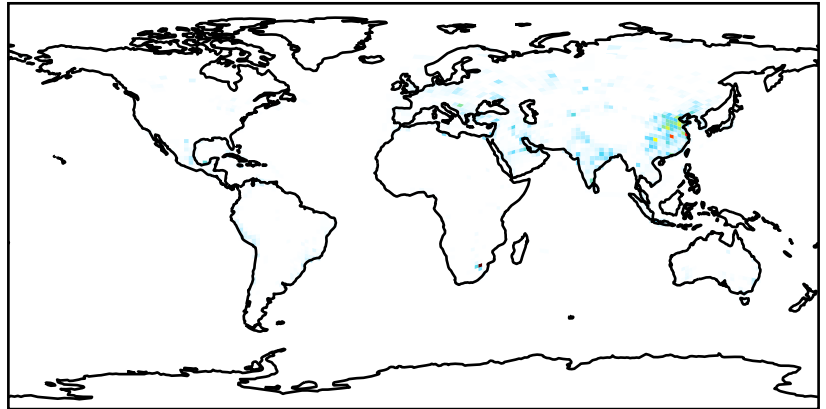


# EmispFe\_Total

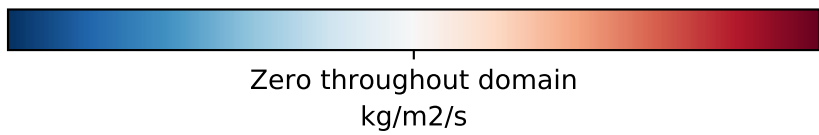
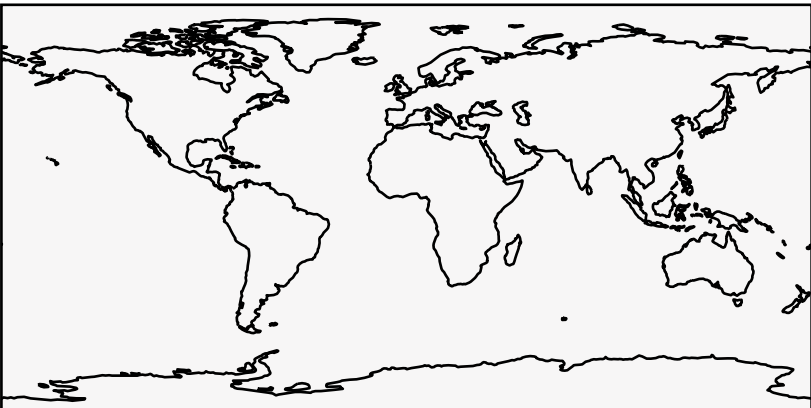
GCHP\_12.7.0 (Ref)  
c48



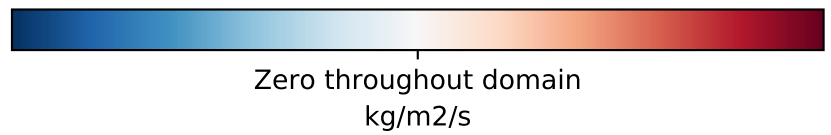
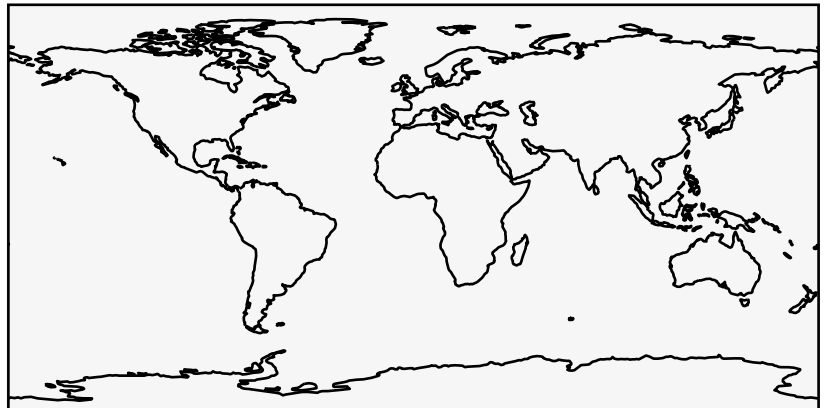
GCHP\_12.8.0 (Dev)  
c48



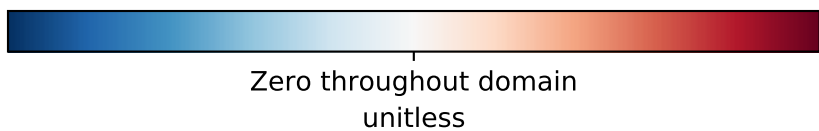
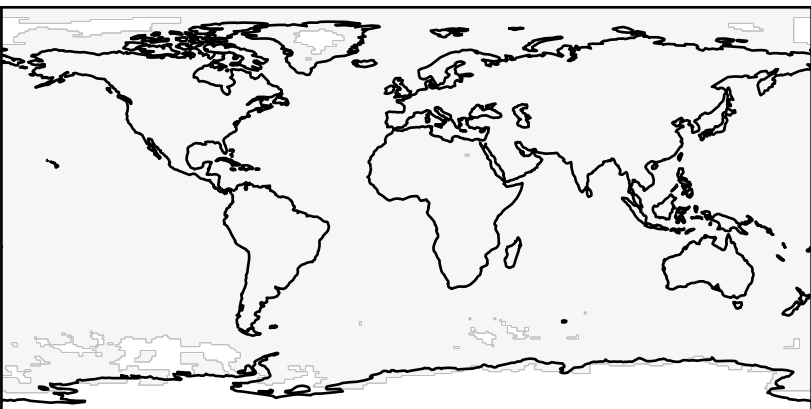
Difference (1x1.25)  
Dev - Ref, Dynamic Range



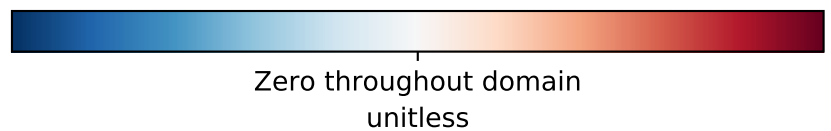
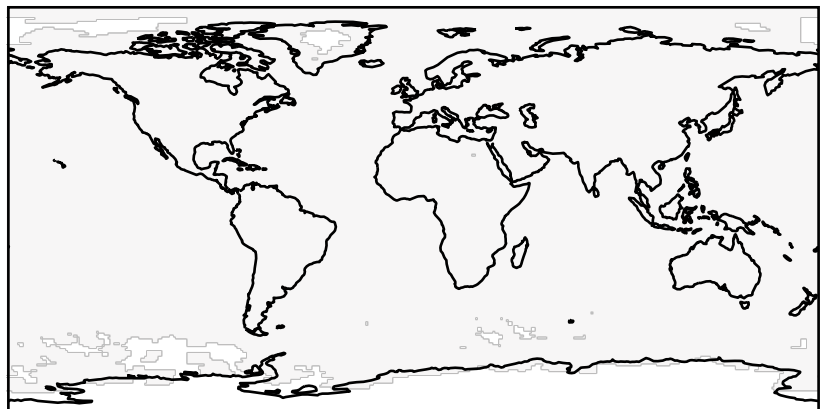
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

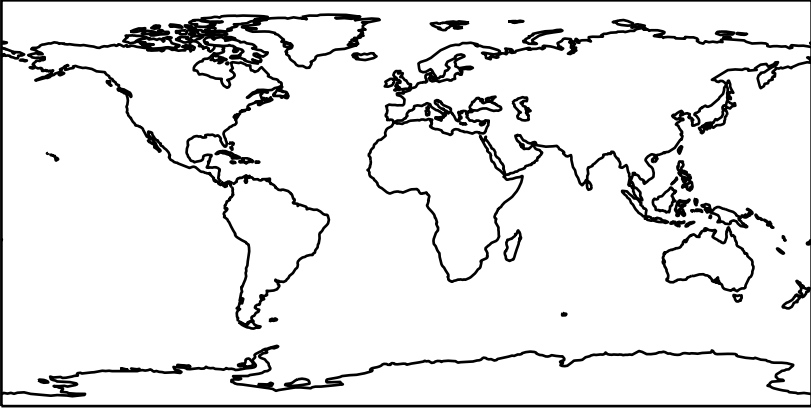


Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range



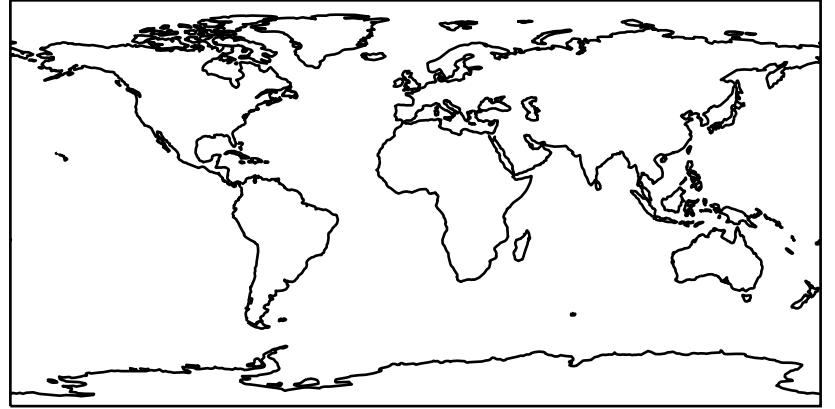
# EmisPOG1\_Total

GCHP\_12.7.0 (Ref)  
c48



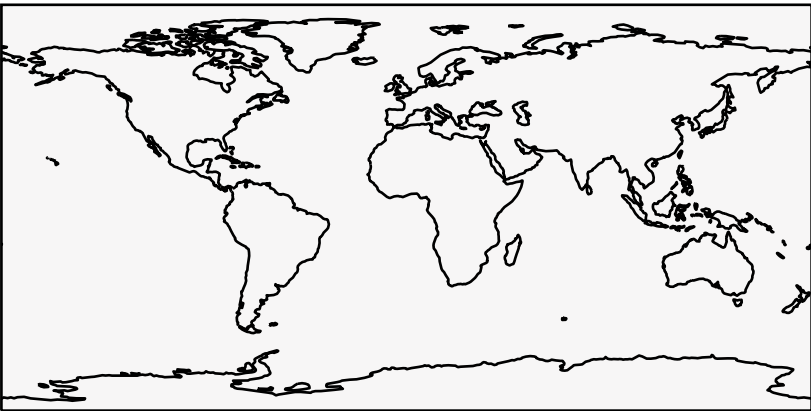
Zero throughout domain  
kg/m2/s

GCHP\_12.8.0 (Dev)  
c48



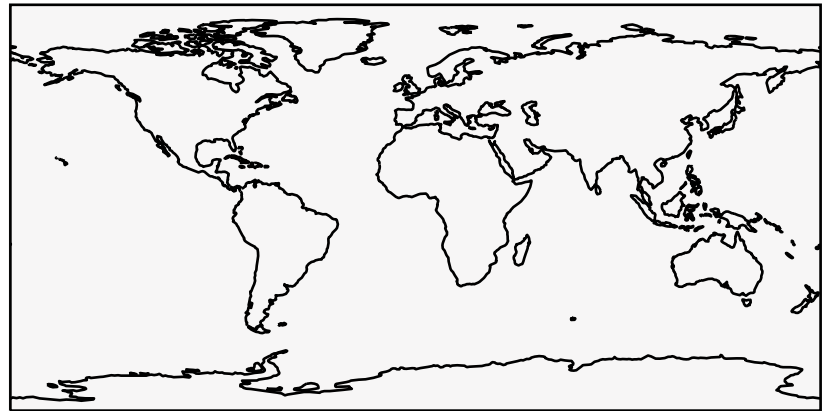
Zero throughout domain  
kg/m2/s

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



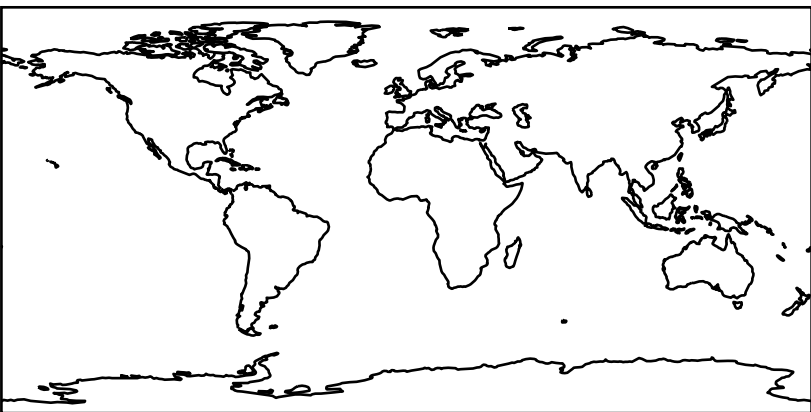
Zero throughout domain  
kg/m2/s

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



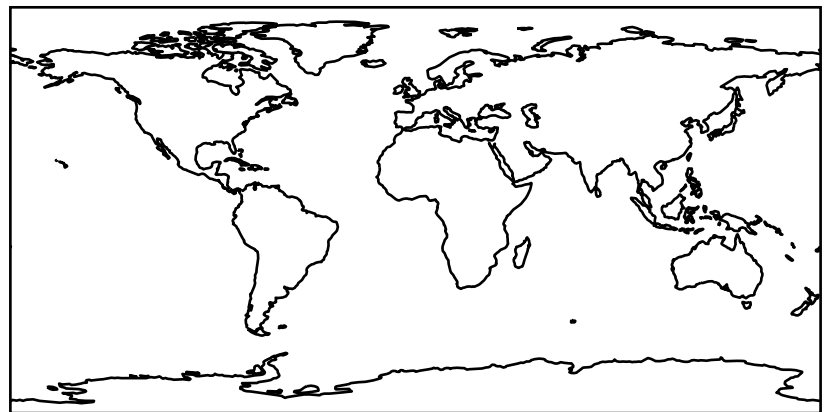
Zero throughout domain  
kg/m2/s

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



Undefined throughout domain  
unitless

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



Undefined throughout domain  
unitless



# EmisPOG2\_Total

GCHP\_12.7.0 (Ref)  
c48



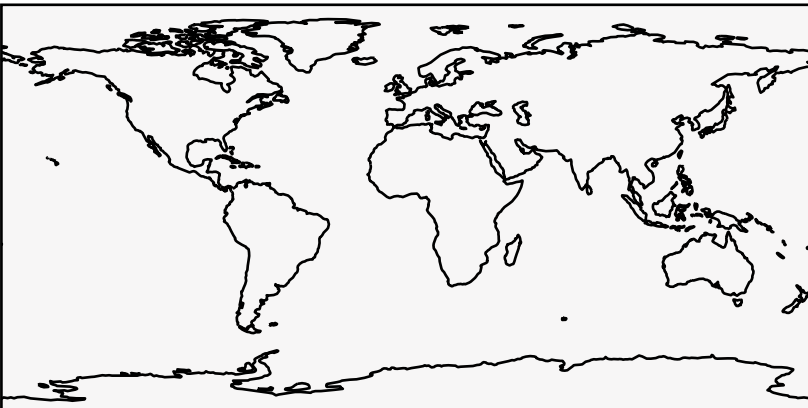
Zero throughout domain  
kg/m2/s

GCHP\_12.8.0 (Dev)  
c48



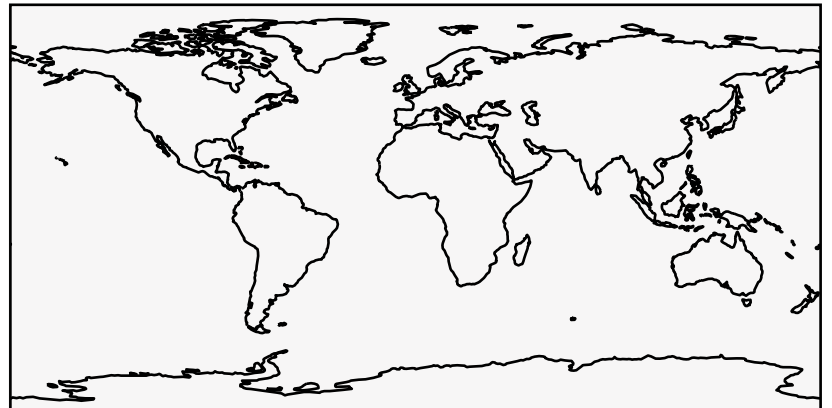
Zero throughout domain  
kg/m2/s

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



Zero throughout domain  
kg/m2/s

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



Zero throughout domain  
kg/m2/s

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



Undefined throughout domain  
unitless

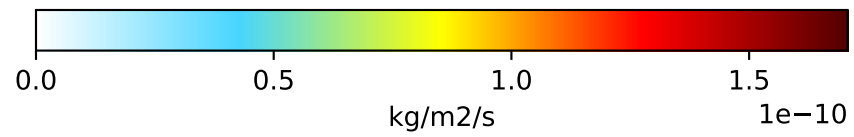
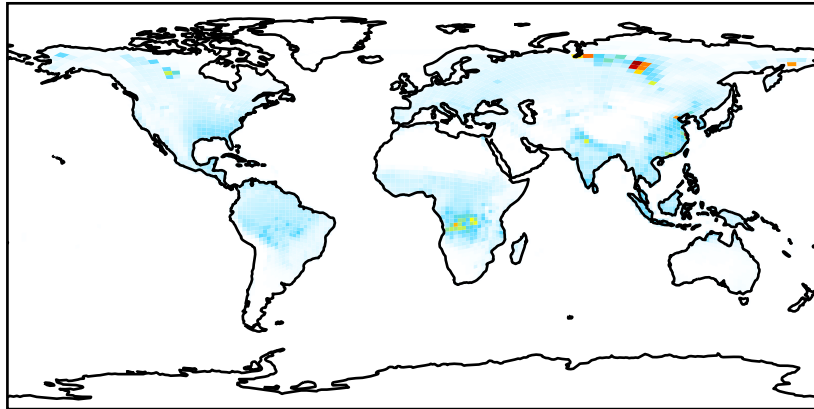
Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range



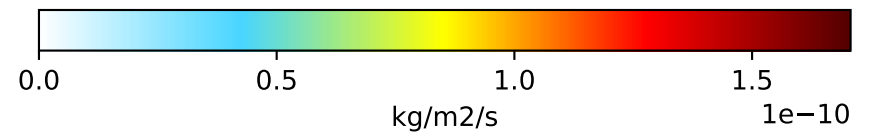
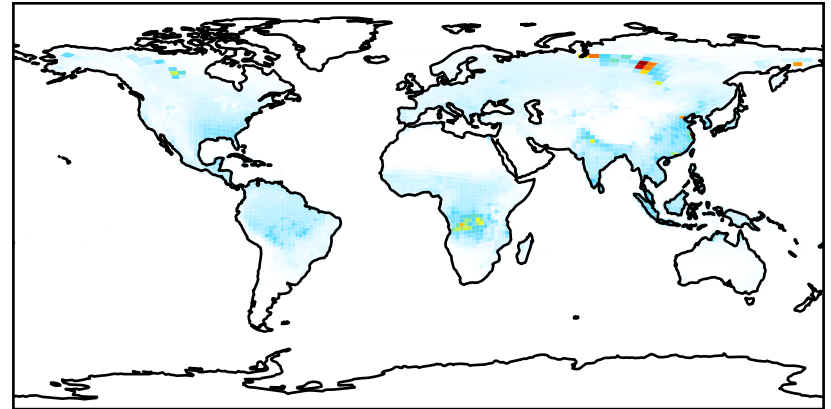
Undefined throughout domain  
unitless

# EmisPRPE\_Total

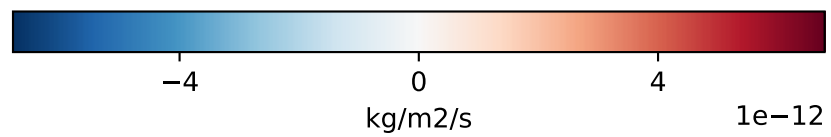
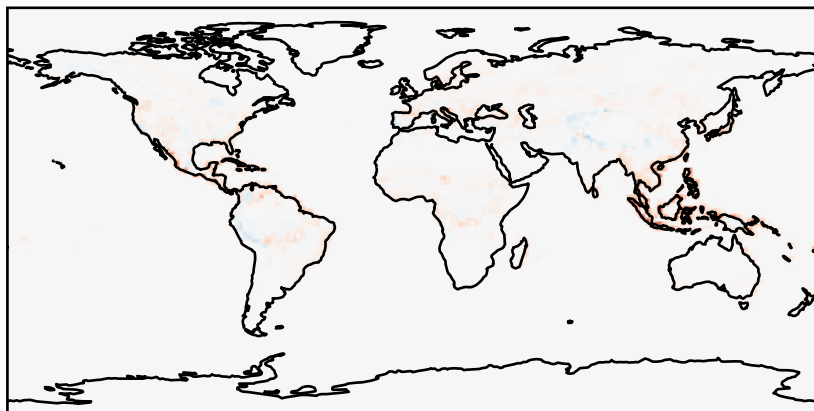
GCHP\_12.7.0 (Ref)  
c48



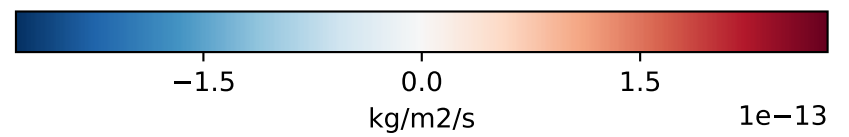
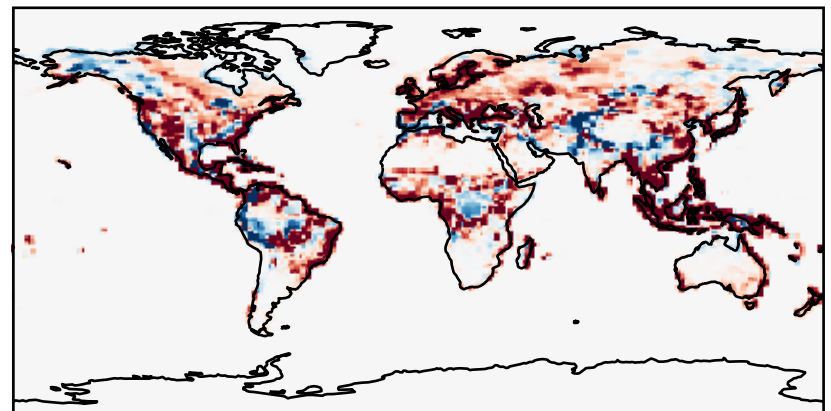
GCHP\_12.8.0 (Dev)  
c48



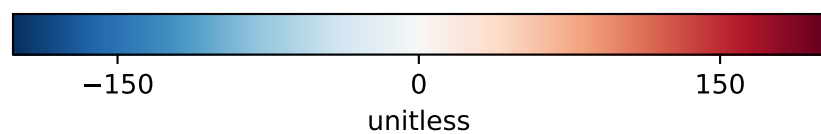
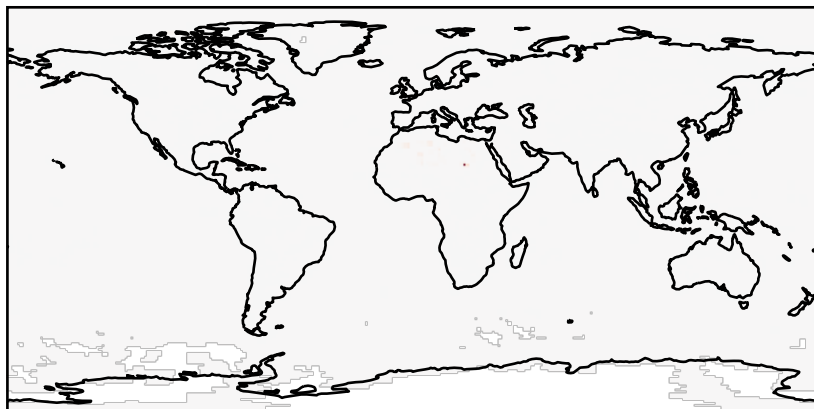
Difference (1x1.25)  
Dev - Ref, Dynamic Range



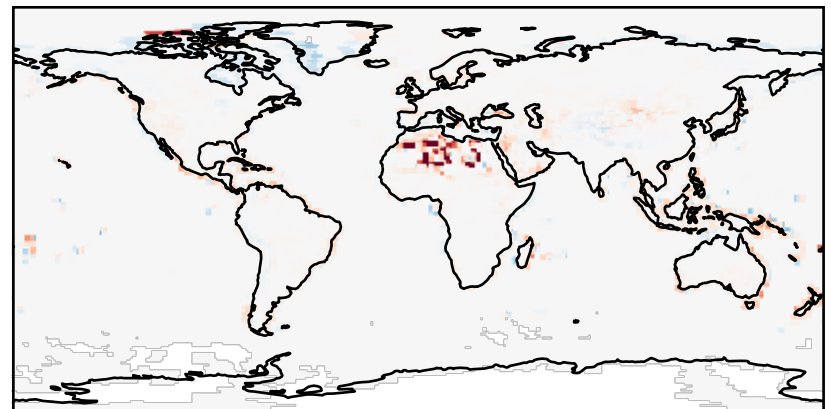
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

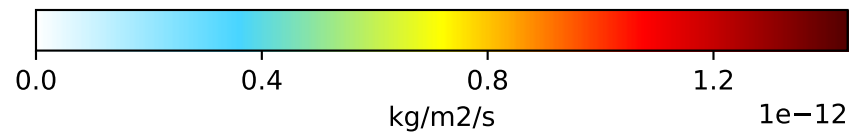
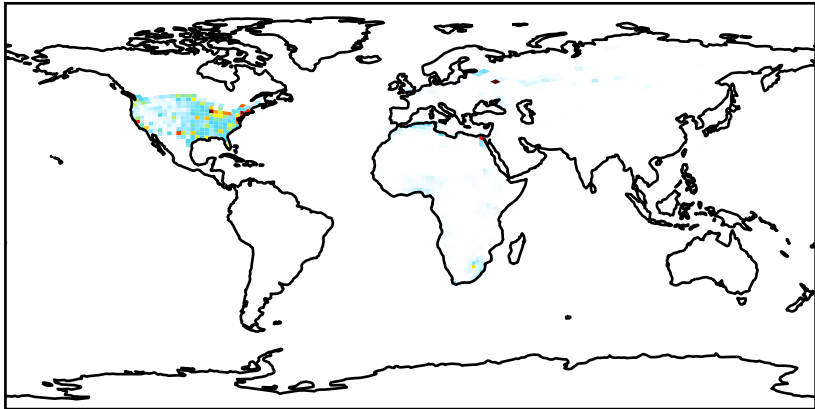


Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

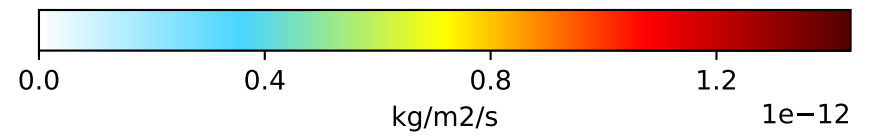
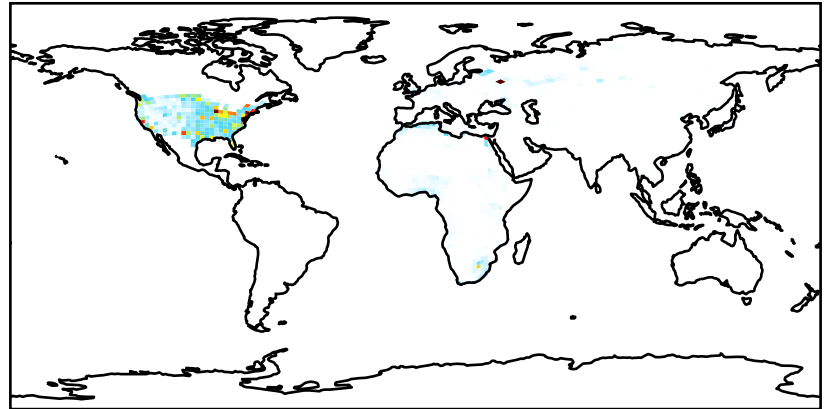


# EmisRCHO\_Total

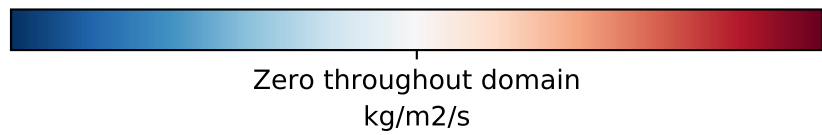
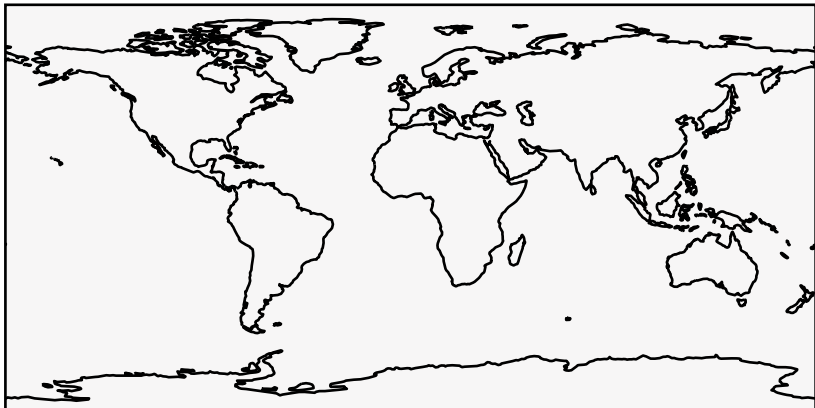
GCHP\_12.7.0 (Ref)  
c48



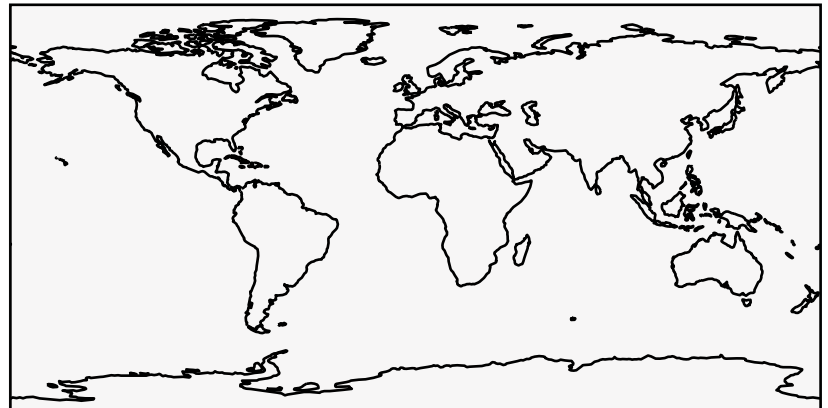
GCHP\_12.8.0 (Dev)  
c48



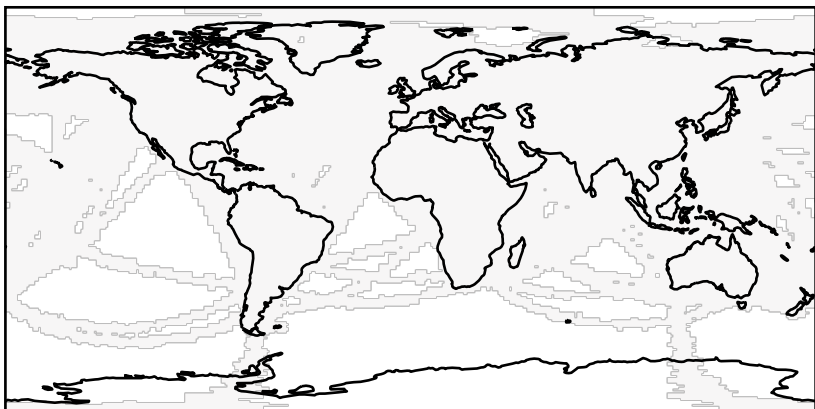
Difference (1x1.25)  
Dev - Ref, Dynamic Range



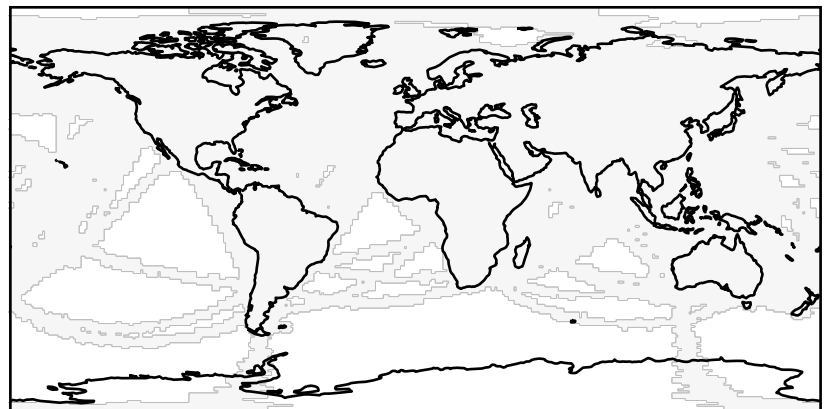
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

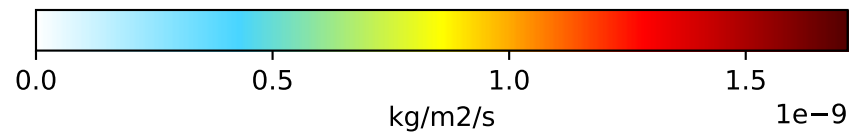
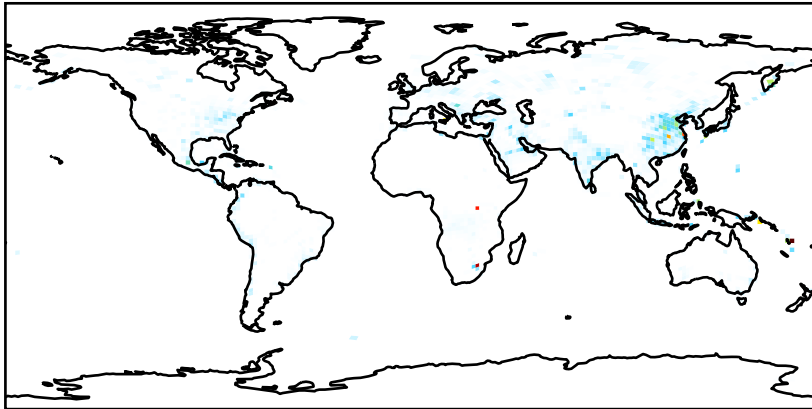


Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

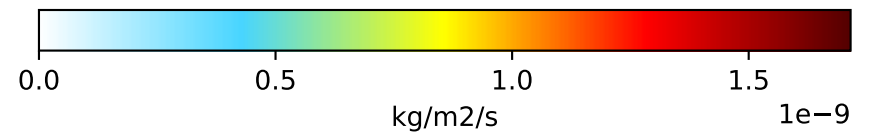
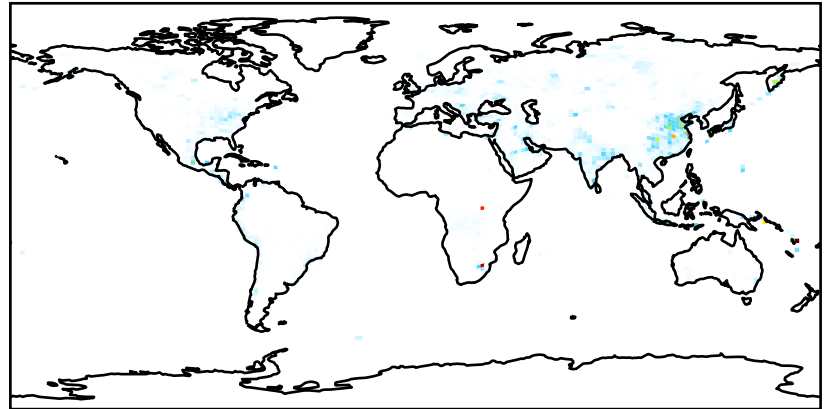


# EmisSO2\_Total

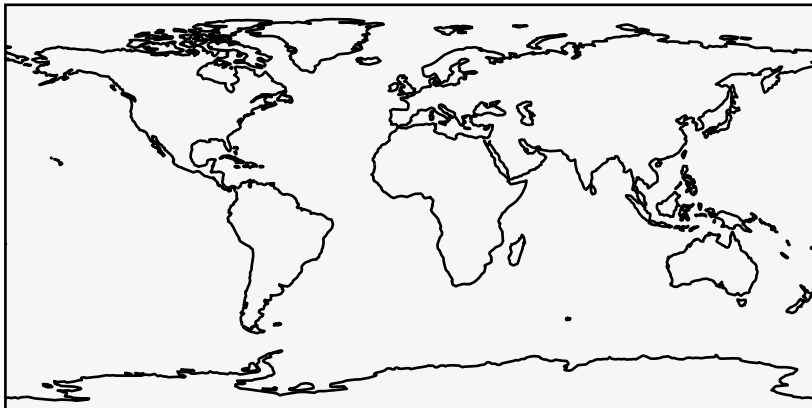
GCHP\_12.7.0 (Ref)  
c48



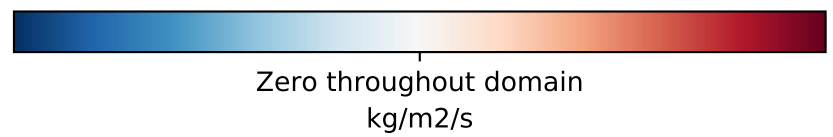
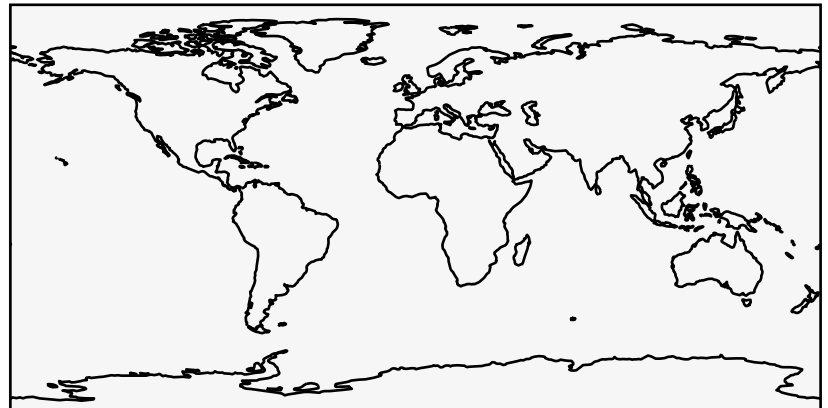
GCHP\_12.8.0 (Dev)  
c48



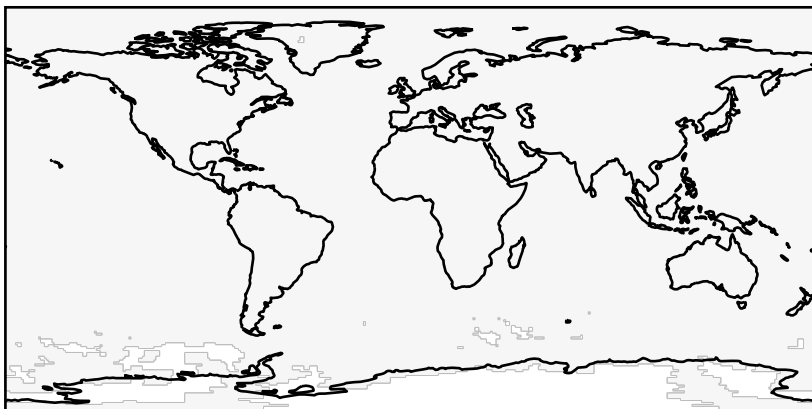
Difference (1x1.25)  
Dev - Ref, Dynamic Range



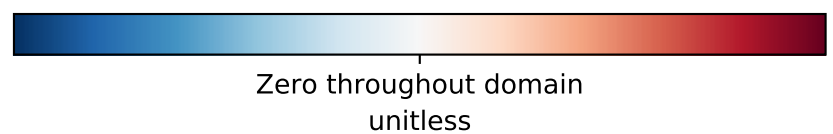
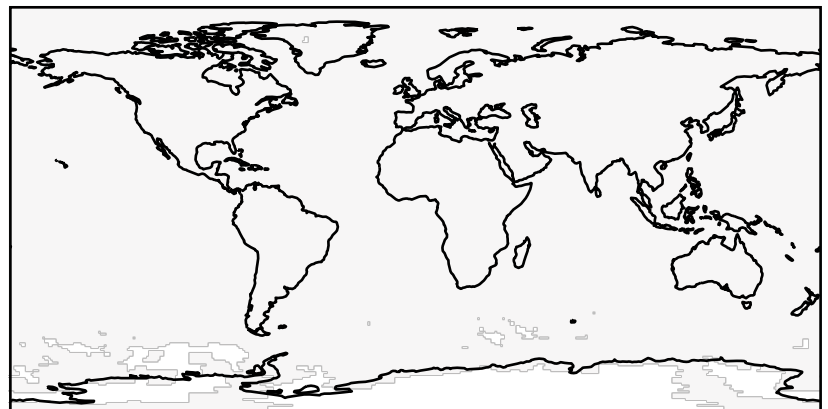
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

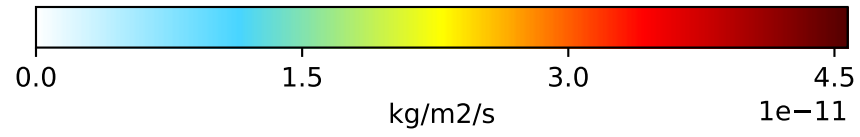
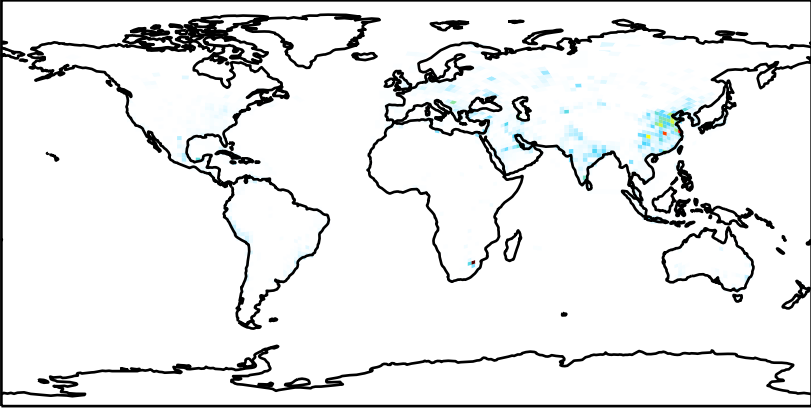


Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

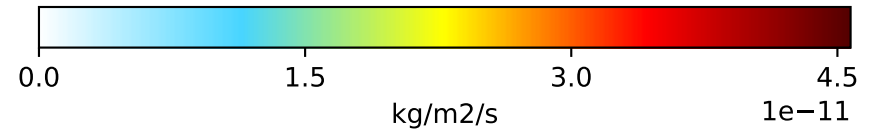
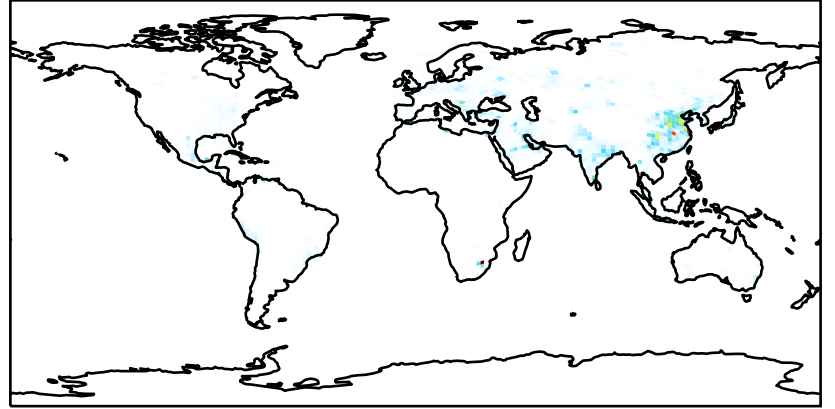


# EmisSO4\_Total

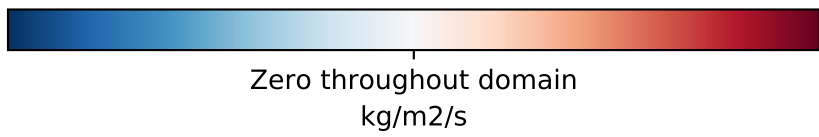
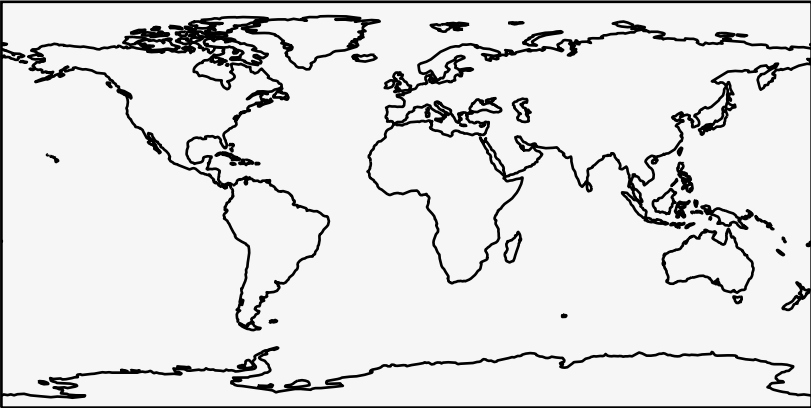
GCHP\_12.7.0 (Ref)  
c48



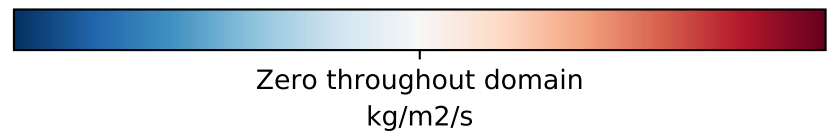
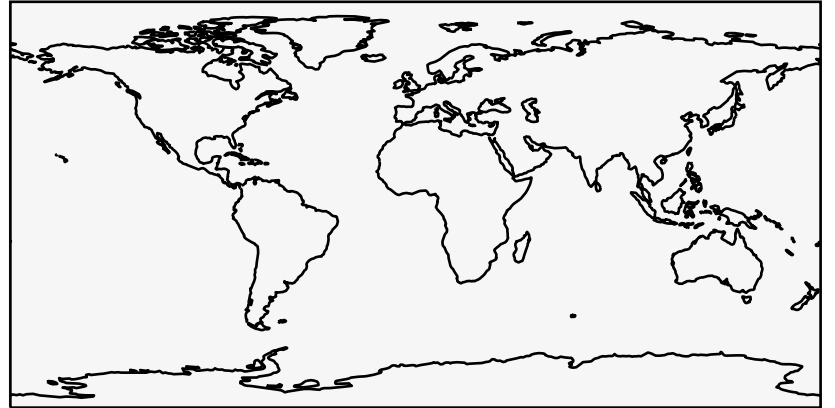
GCHP\_12.8.0 (Dev)  
c48



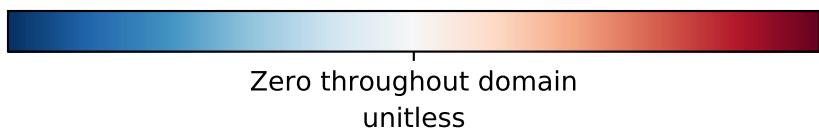
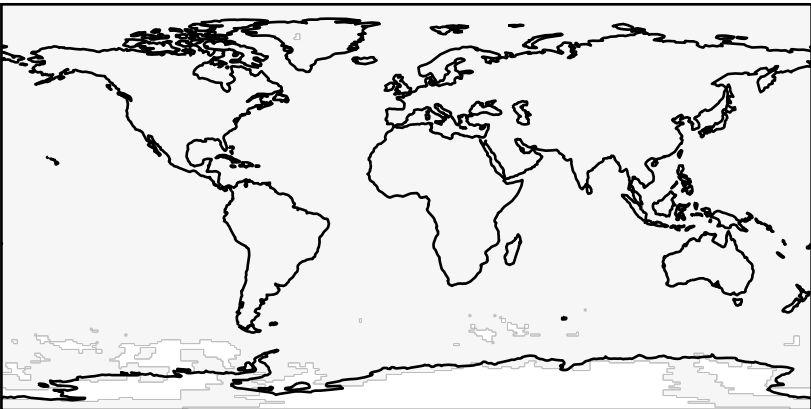
Difference (1x1.25)  
Dev - Ref, Dynamic Range



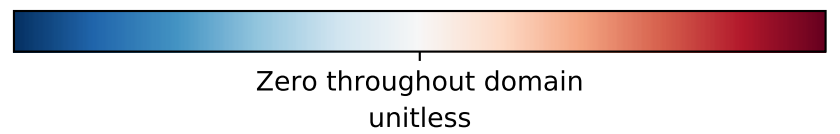
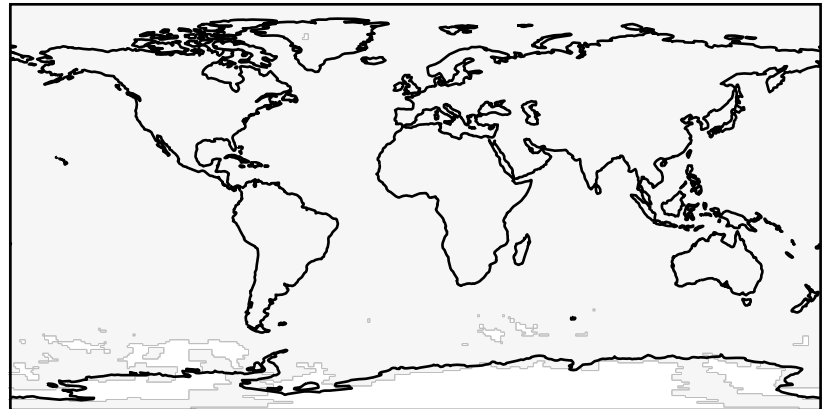
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

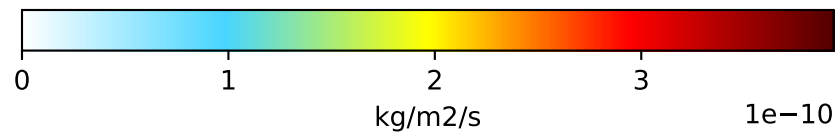
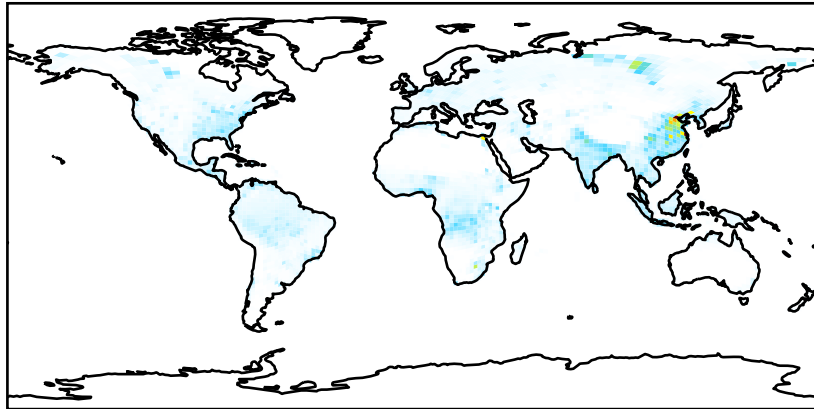


Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

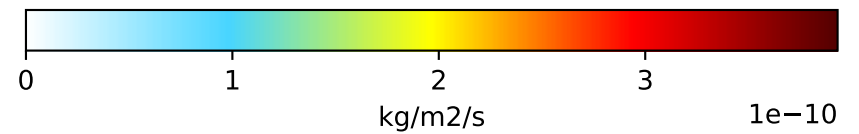
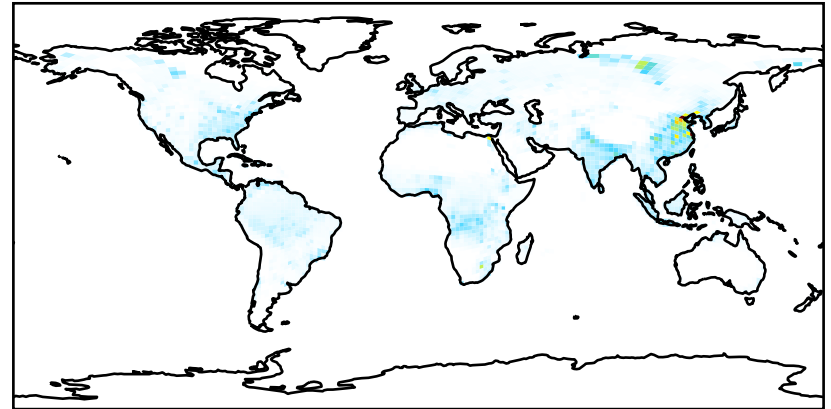


# EmisSOAP\_Total

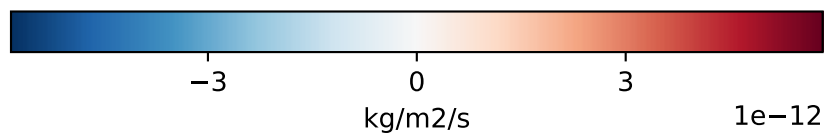
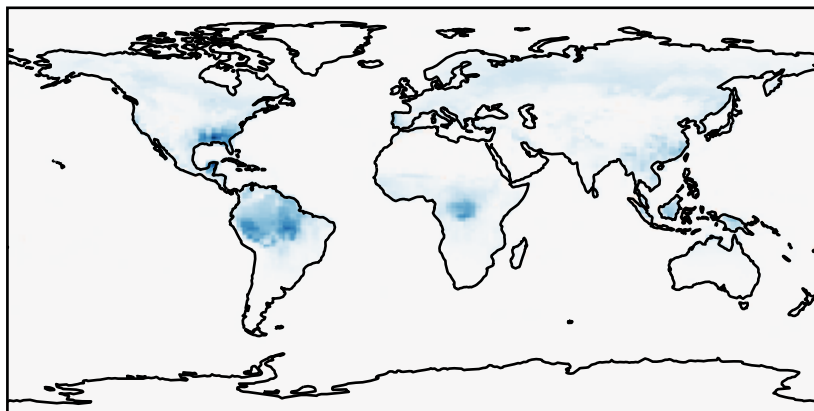
GCHP\_12.7.0 (Ref)  
c48



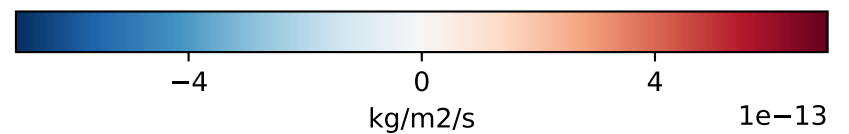
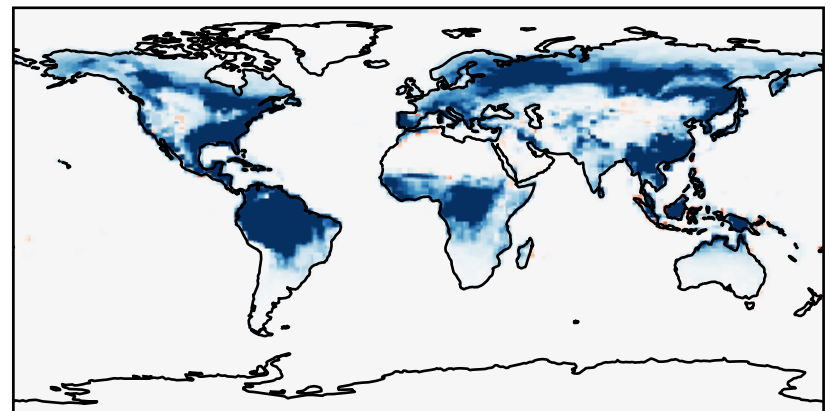
GCHP\_12.8.0 (Dev)  
c48



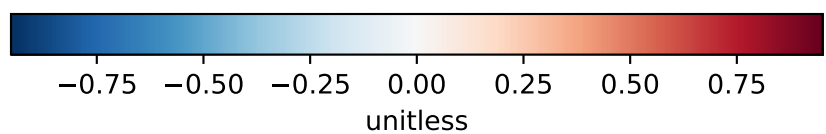
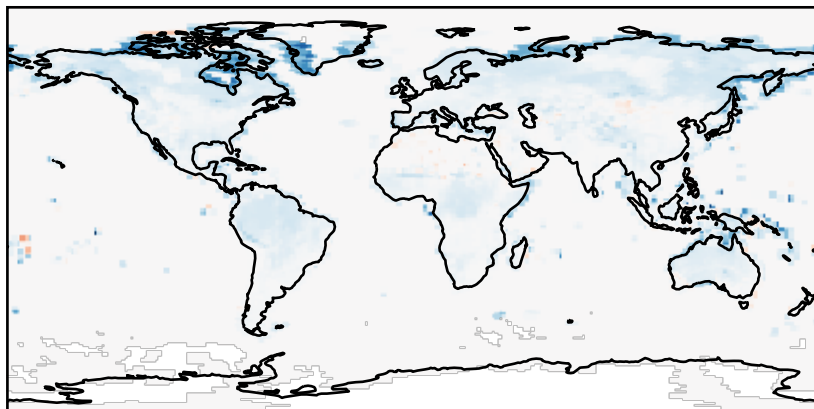
Difference (1x1.25)  
Dev - Ref, Dynamic Range



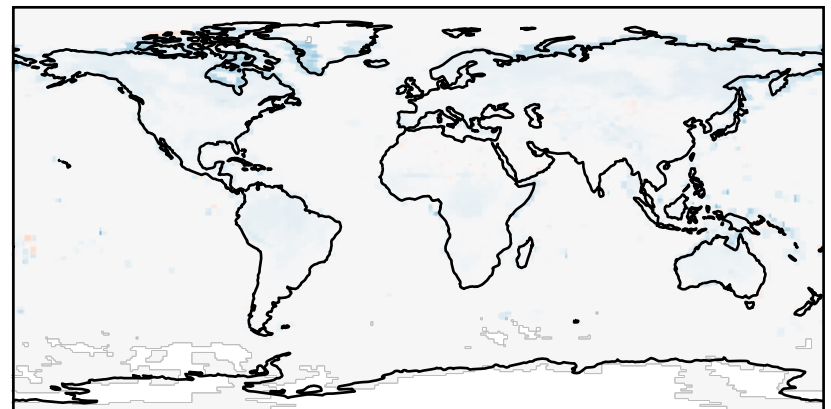
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

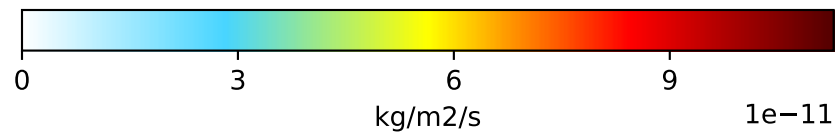
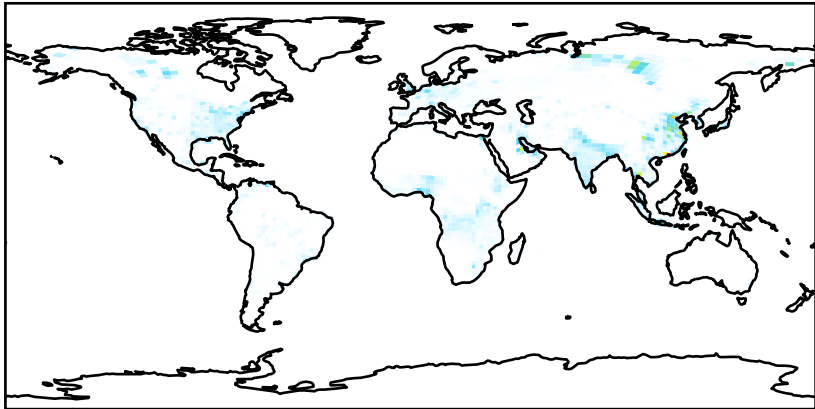


Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

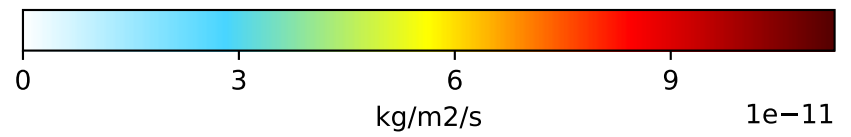
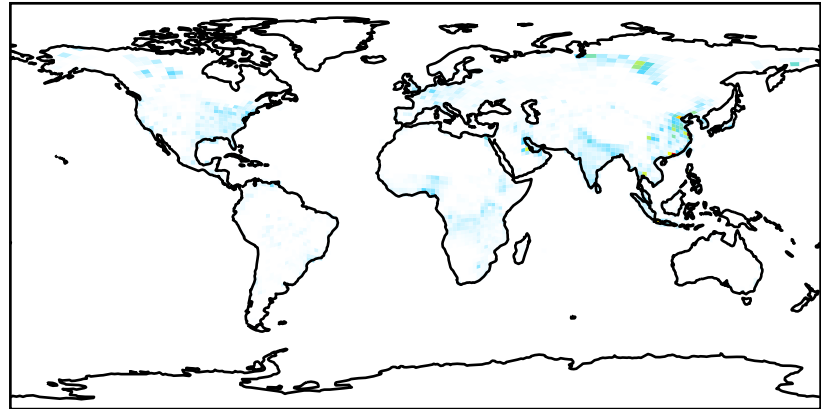


# EmisTOLU\_Total

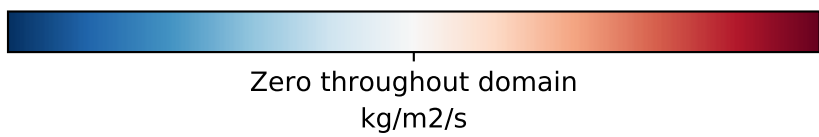
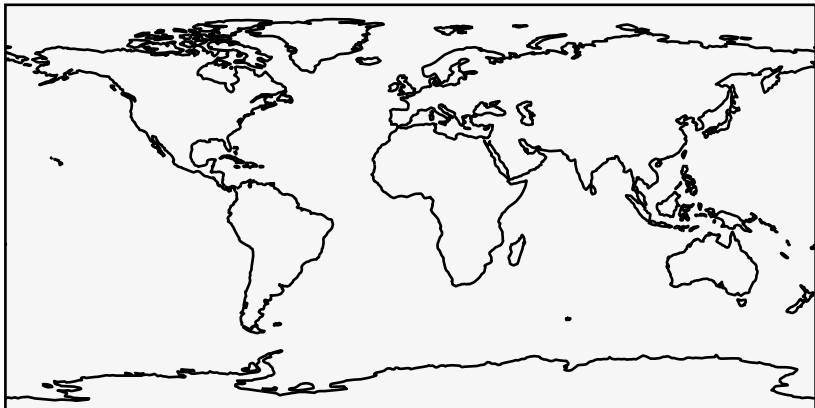
GCHP\_12.7.0 (Ref)  
c48



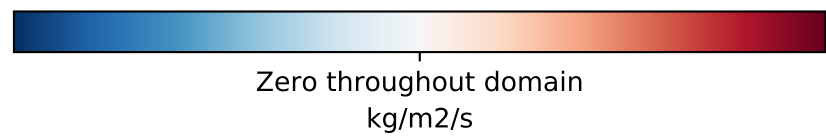
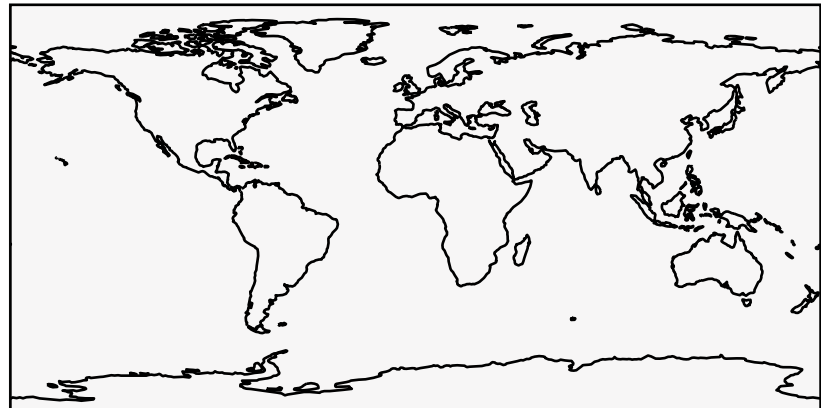
GCHP\_12.8.0 (Dev)  
c48



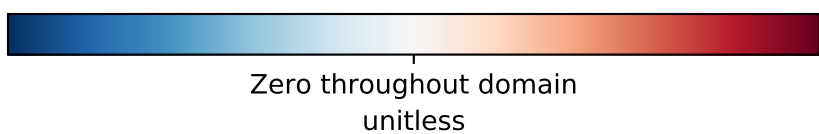
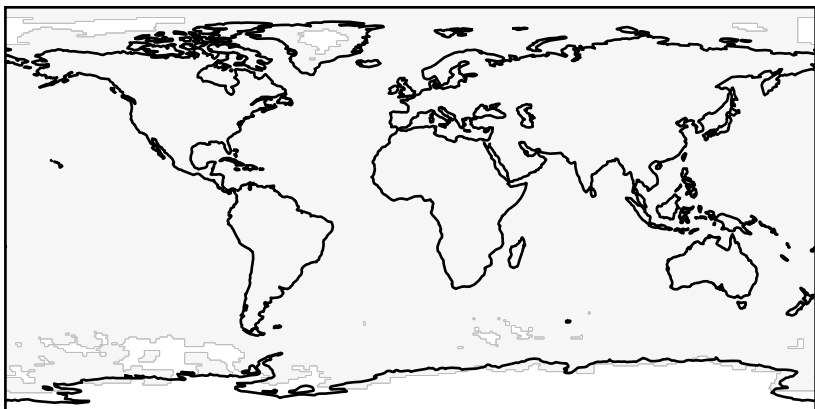
Difference (1x1.25)  
Dev - Ref, Dynamic Range



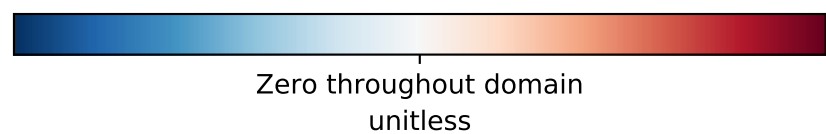
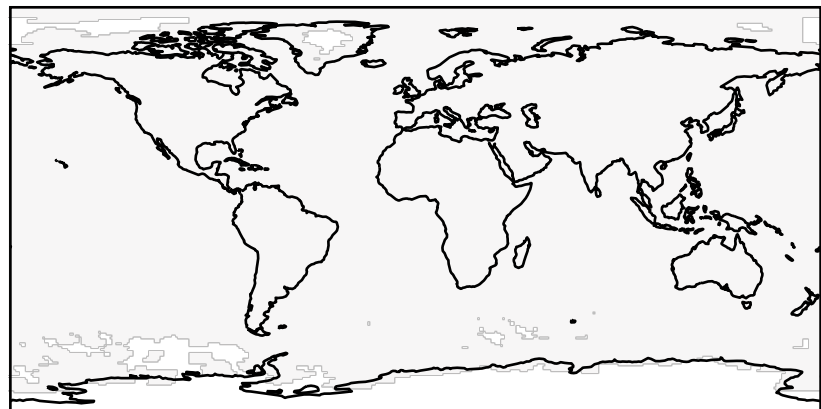
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

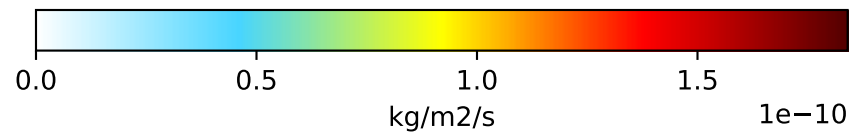
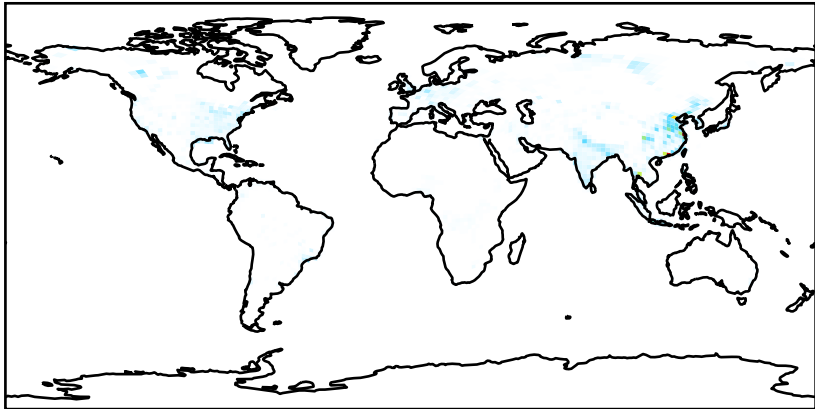


Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

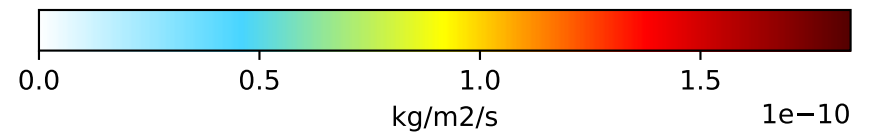
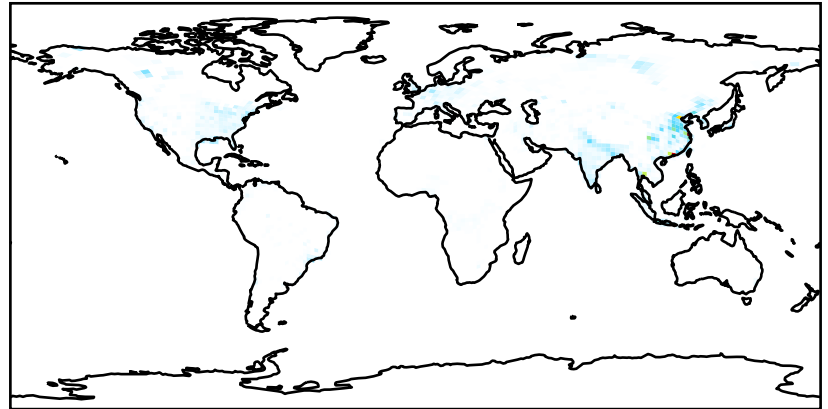


# EmisXYLE\_Total

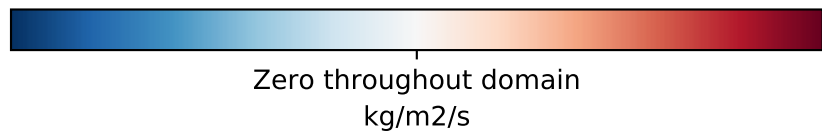
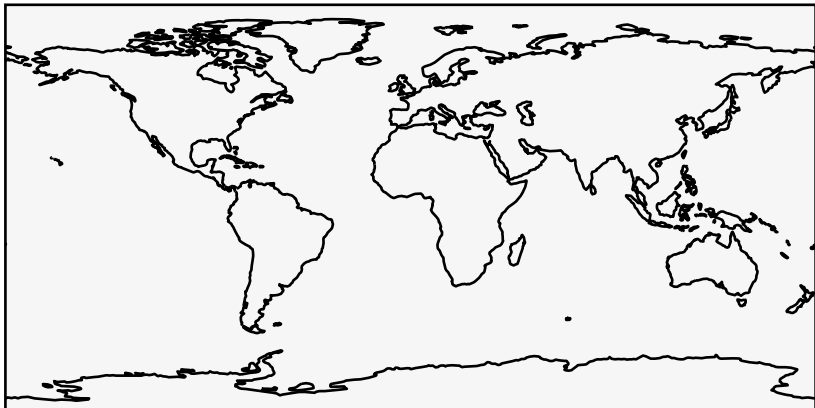
GCHP\_12.7.0 (Ref)  
c48



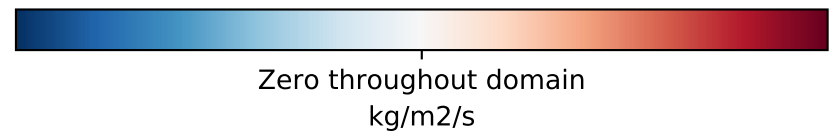
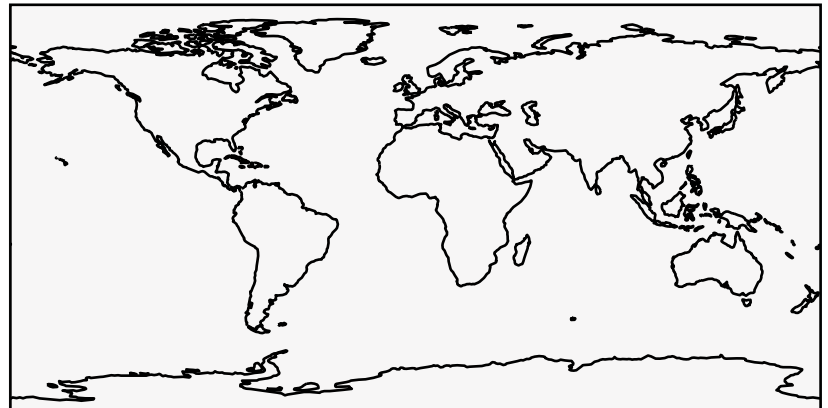
GCHP\_12.8.0 (Dev)  
c48



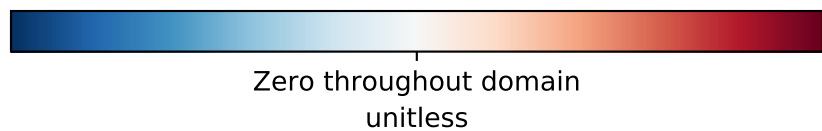
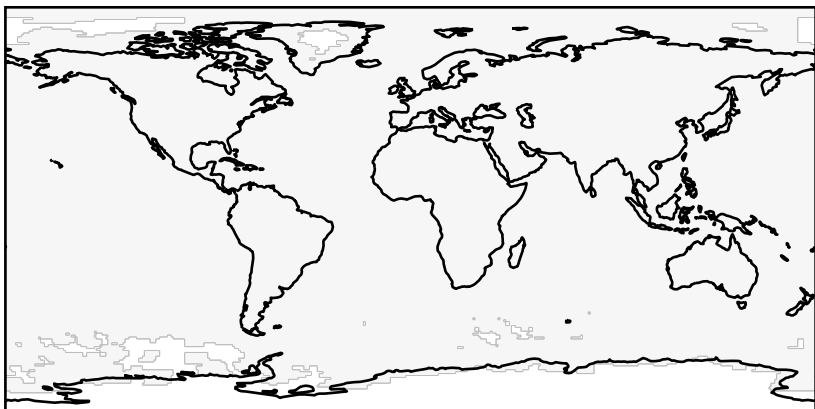
Difference (1x1.25)  
Dev - Ref, Dynamic Range



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



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



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

