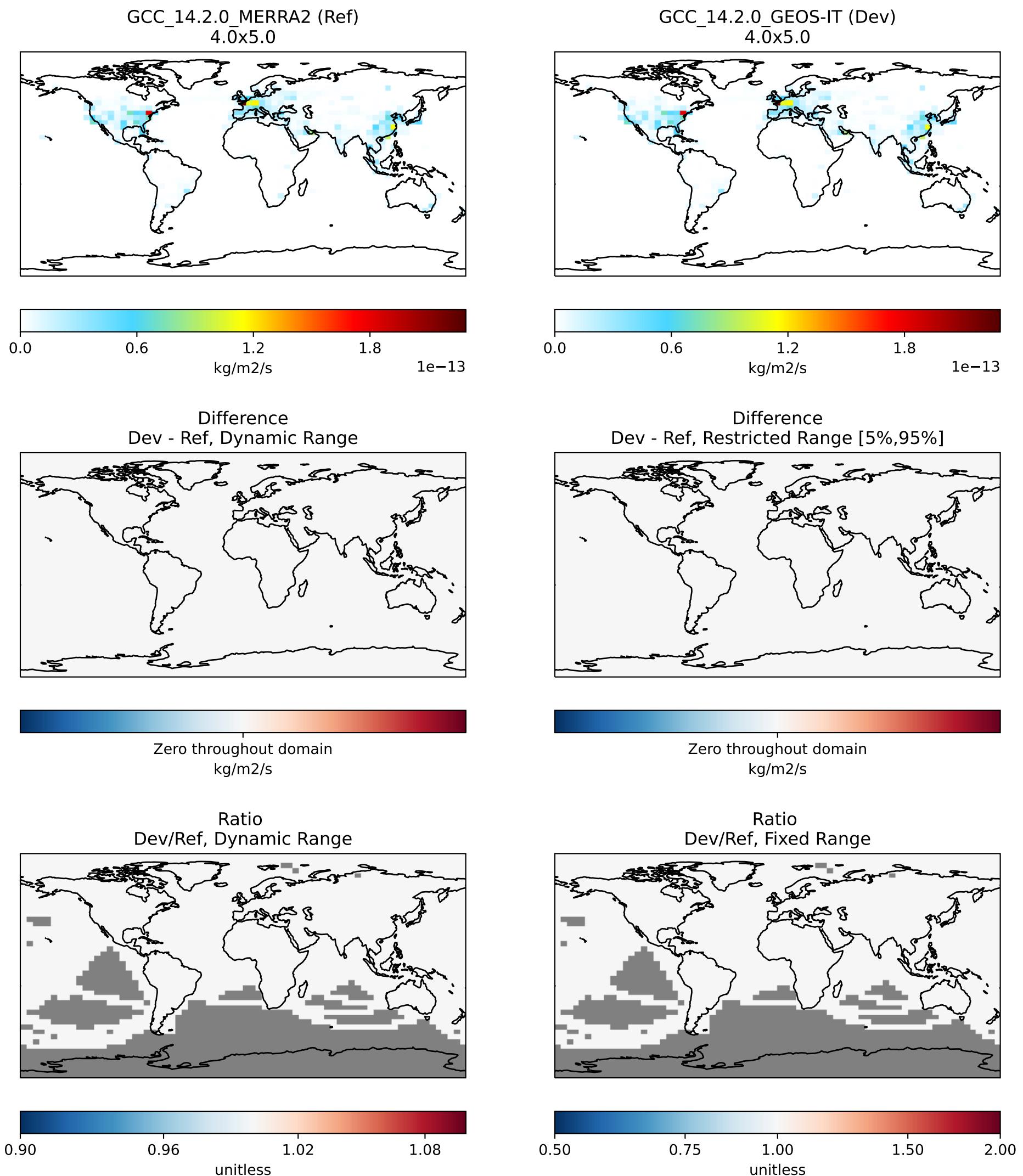
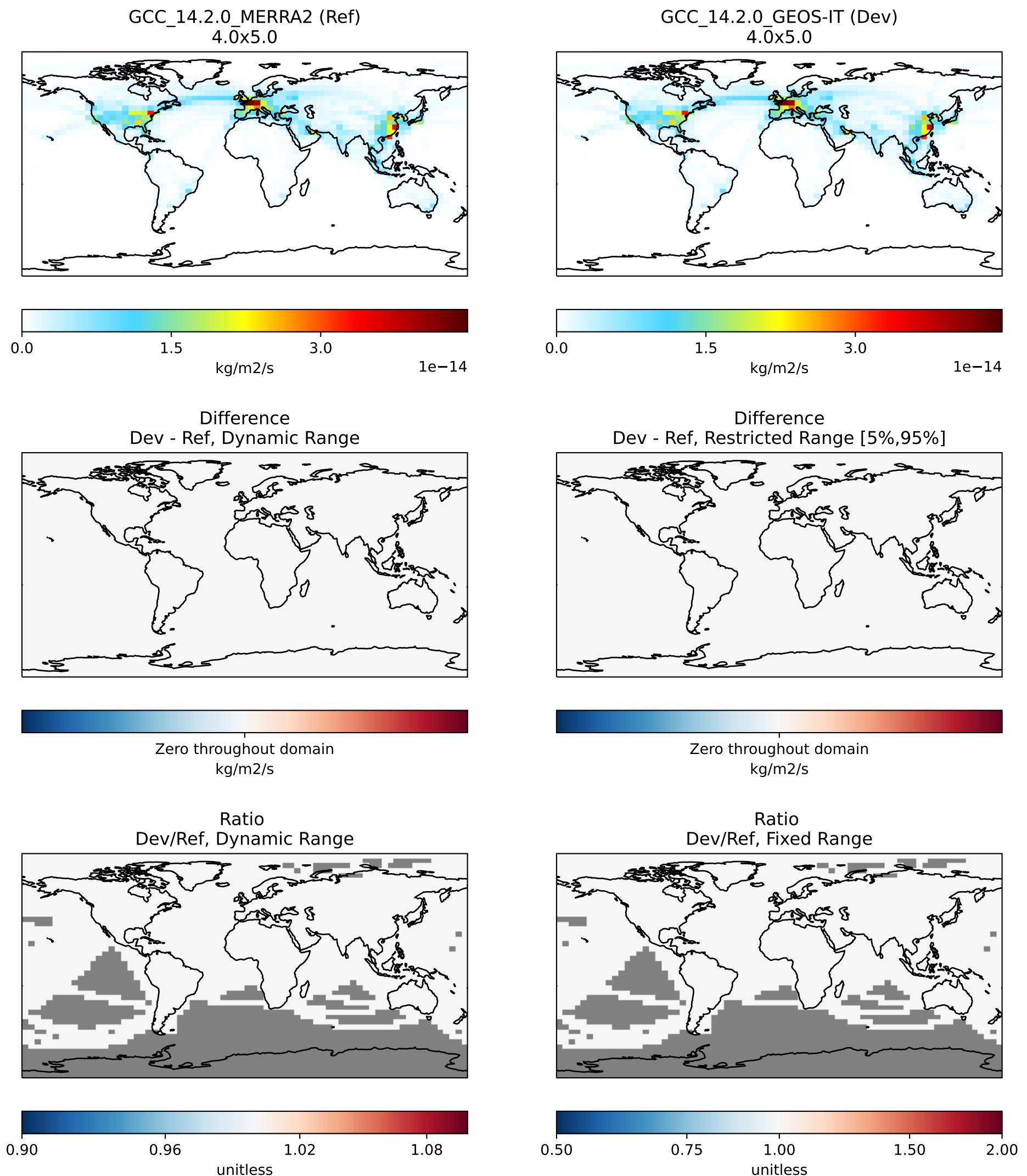


# EmisALK4\_Aircraft

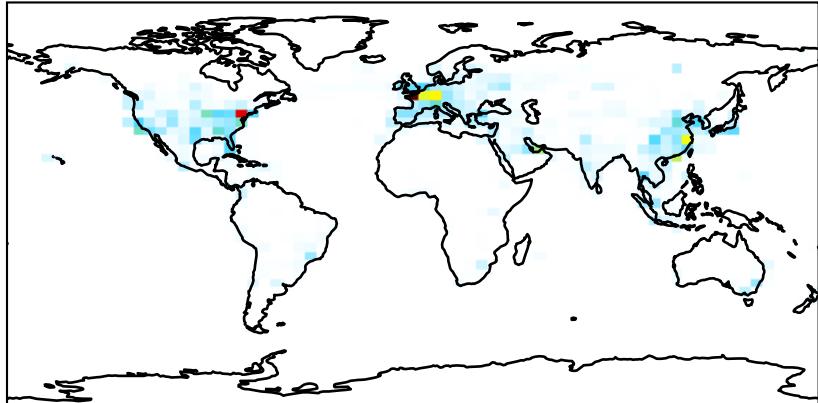


# EmisBCPI\_Aircraft

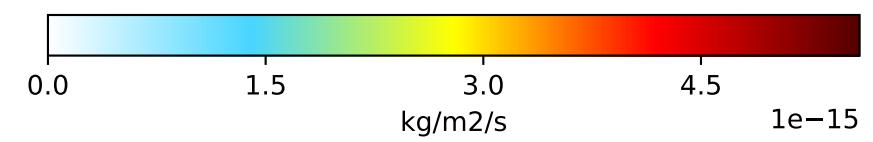
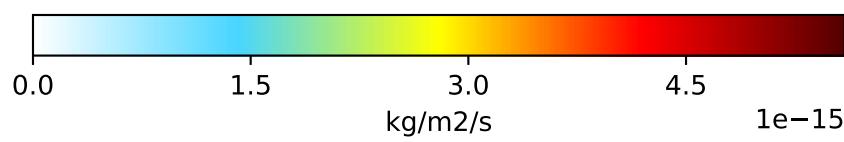
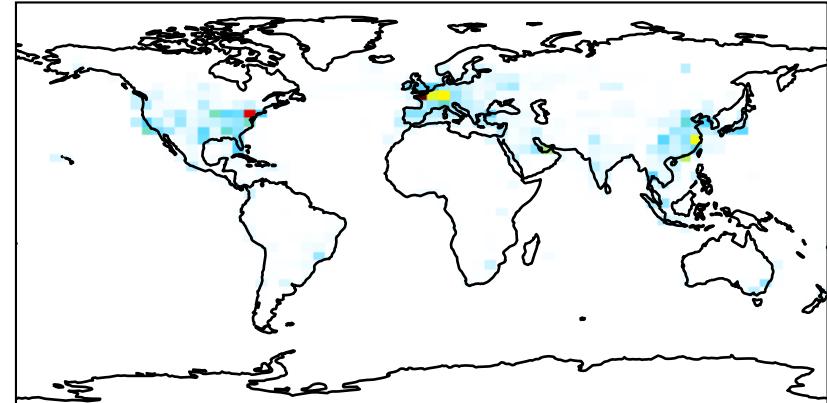


# EmisC2H6\_Aircraft

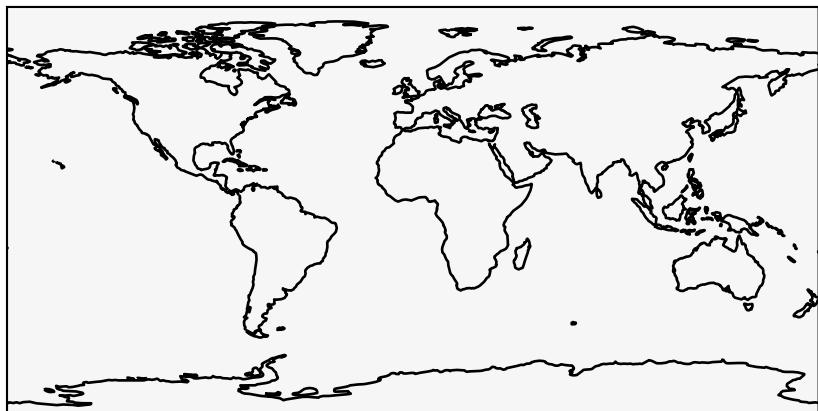
GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



GCC\_14.2.0\_GEOS-IT (Dev)  
4.0x5.0

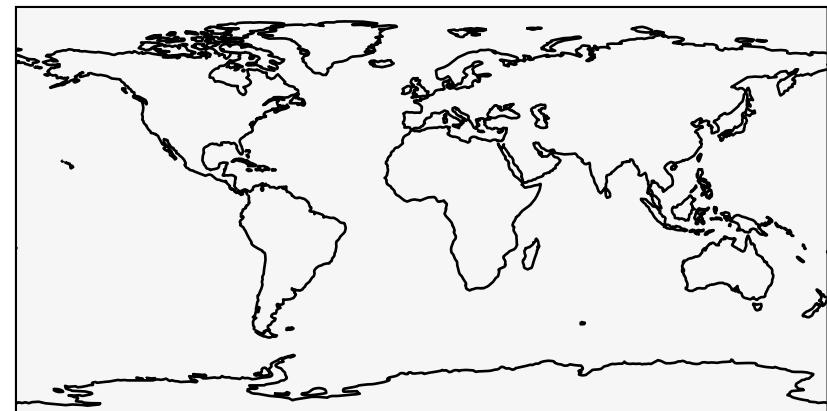


Difference  
Dev - Ref, Dynamic Range



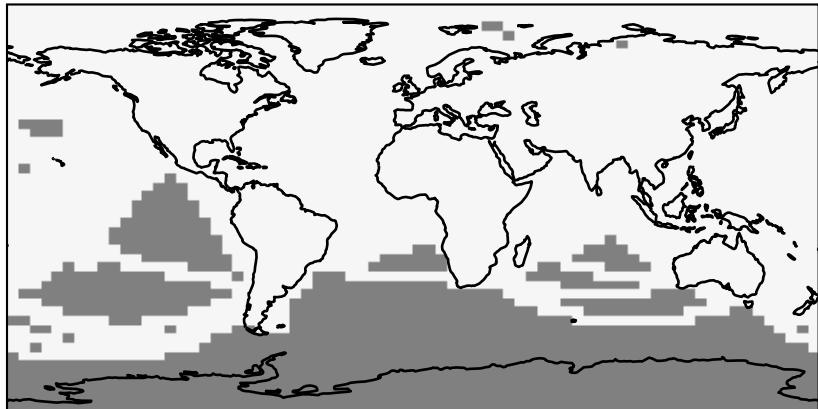
Zero throughout domain  
kg/m<sup>2</sup>/s

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



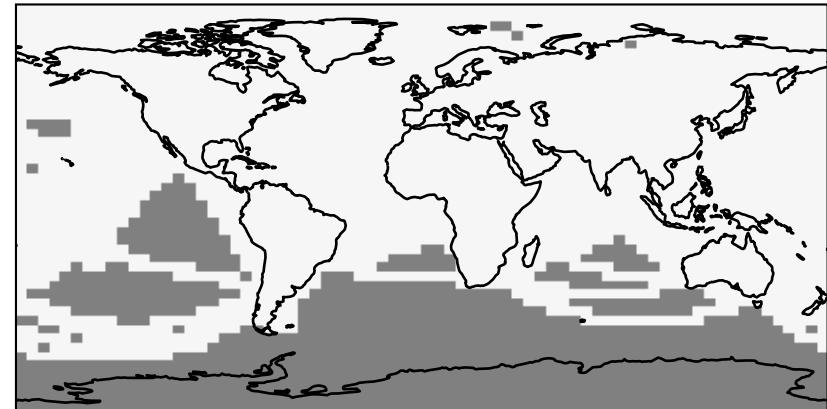
Zero throughout domain  
kg/m<sup>2</sup>/s

Ratio  
Dev/Ref, Dynamic Range



0.90    0.96    1.02    1.08  
unitless

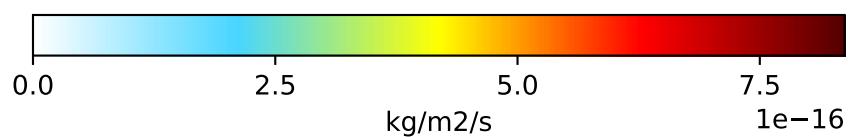
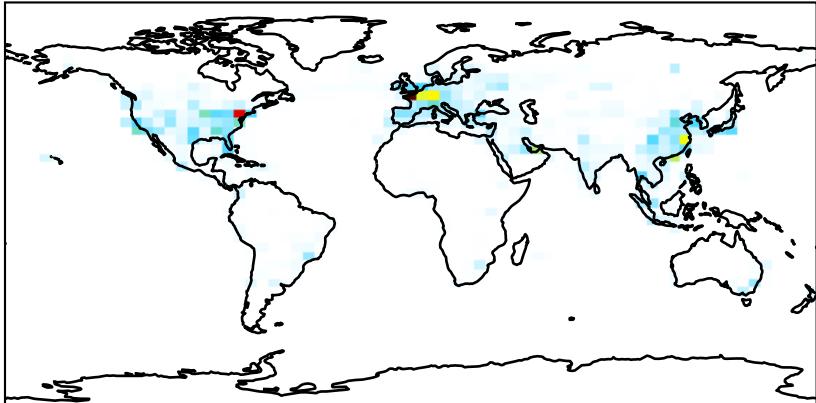
Ratio  
Dev/Ref, Fixed Range



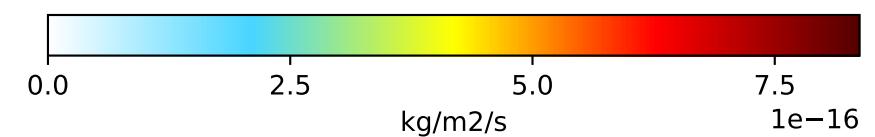
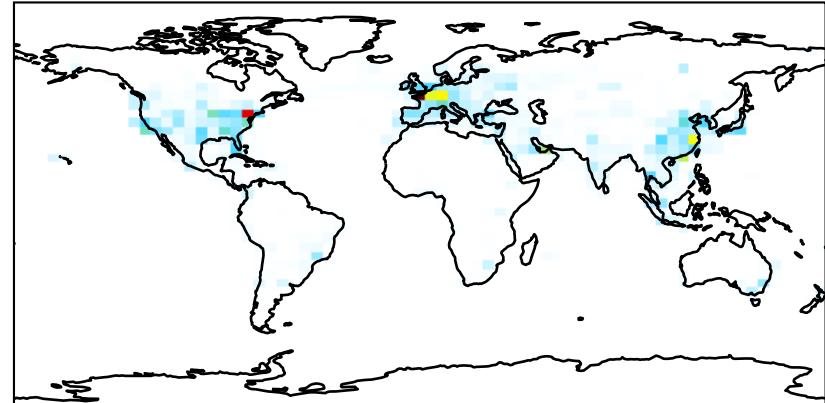
0.50    0.75    1.00    1.50    2.00  
unitless

# EmisC3H8\_Aircraft

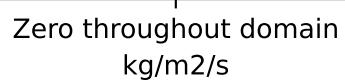
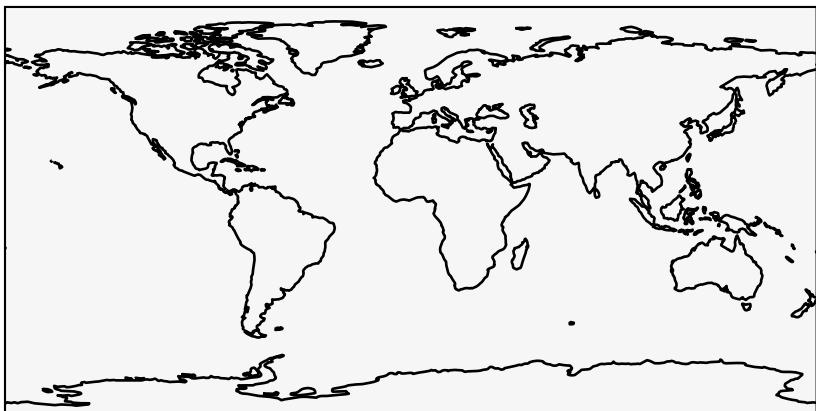
GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



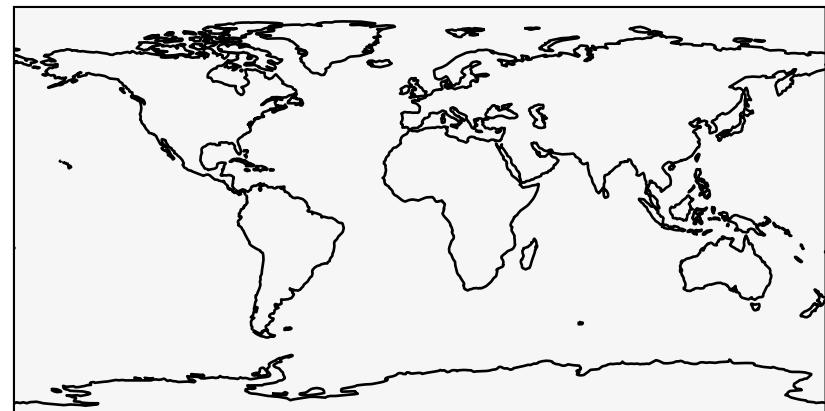
GCC\_14.2.0 GEOS-IT (Dev)  
4.0x5.0



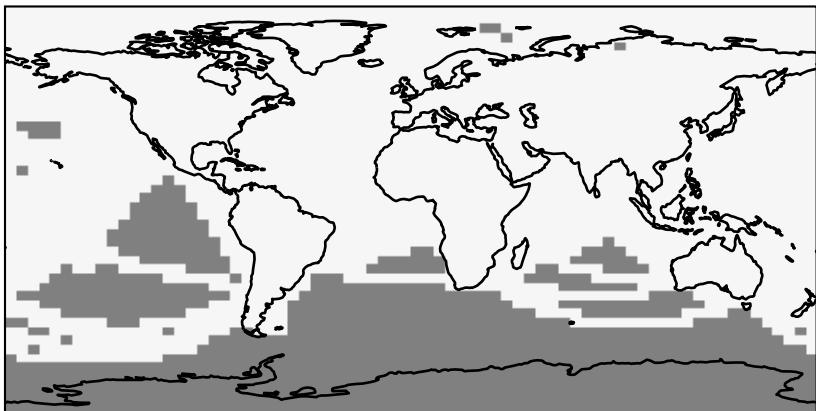
Difference  
Dev - Ref, Dynamic Range



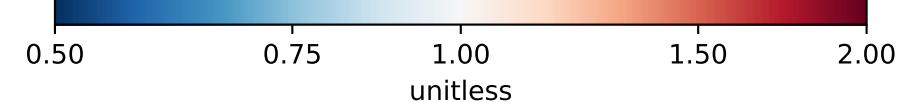
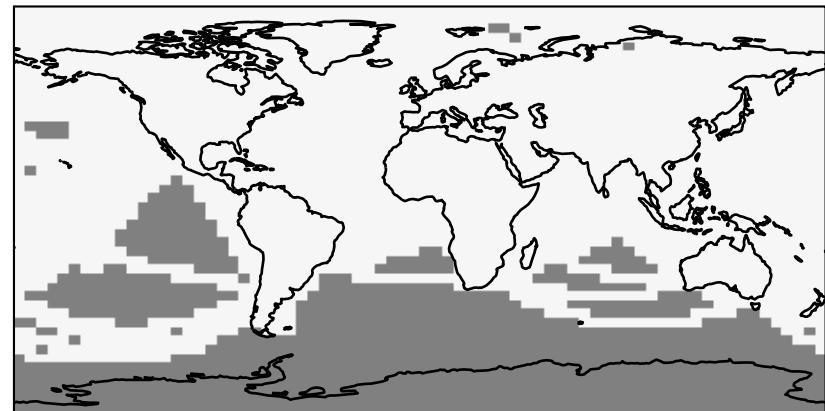
Difference  
Dev - Ref, Restricted Range [5%, 95%]



Ratio  
Dev/Ref, Dynamic Range

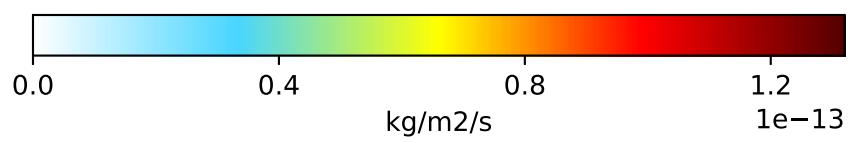
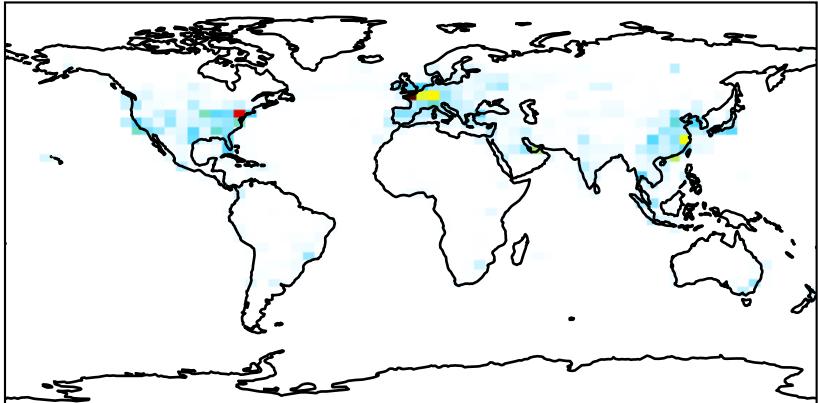


Ratio  
Dev/Ref, Fixed Range

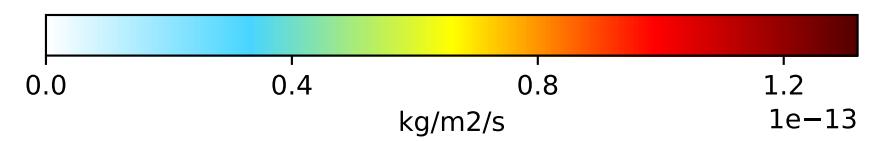
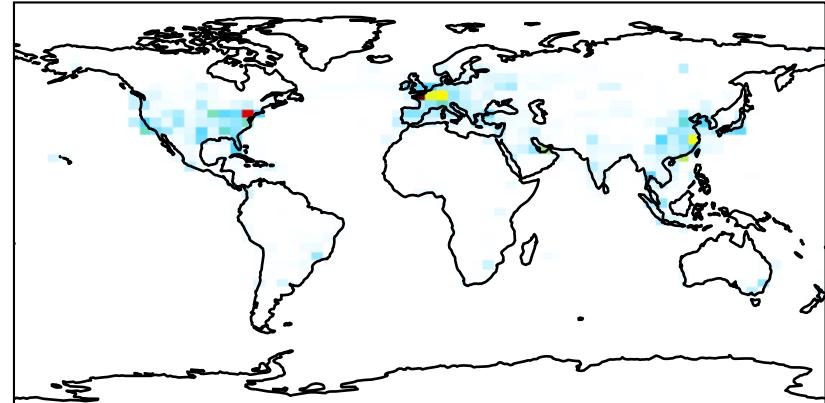


# EmisCH2O\_Aircraft

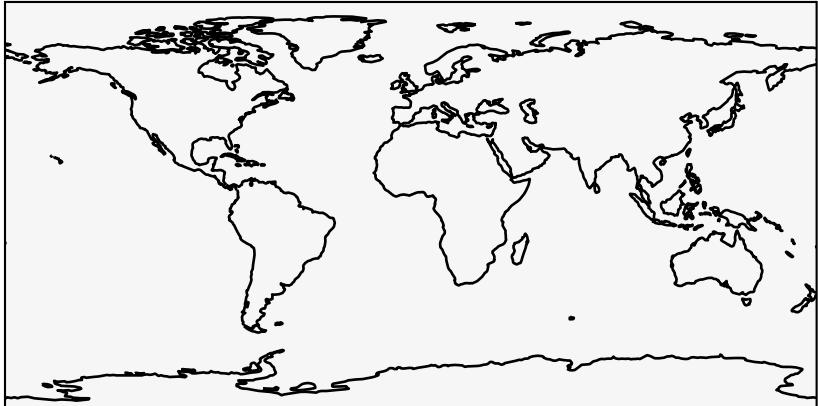
GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



GCC\_14.2.0\_GEOS-IT (Dev)  
4.0x5.0



Difference  
Dev - Ref, Dynamic Range



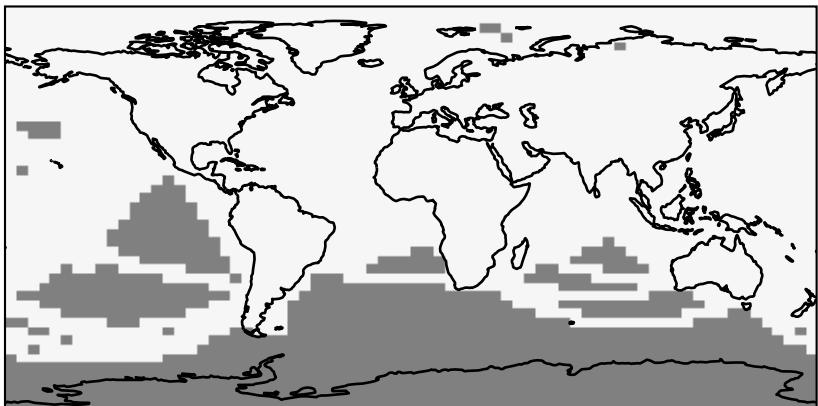
Zero throughout domain  
kg/m<sup>2</sup>/s

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

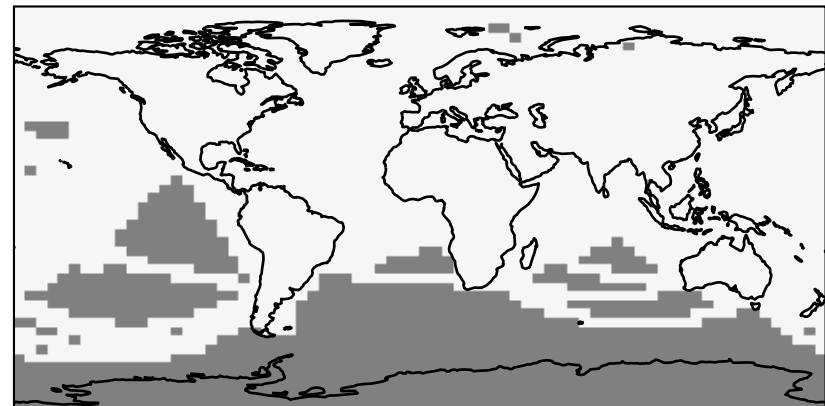


Zero throughout domain  
kg/m<sup>2</sup>/s

Ratio  
Dev/Ref, Dynamic Range

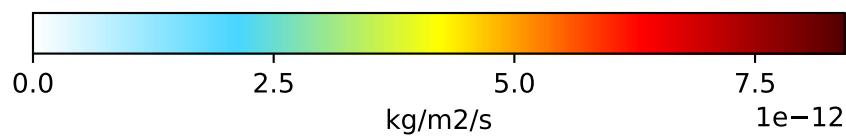
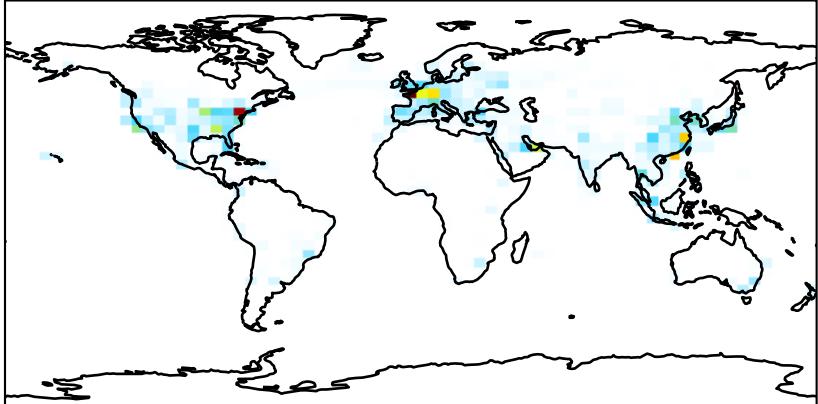


Ratio  
Dev/Ref, Fixed Range

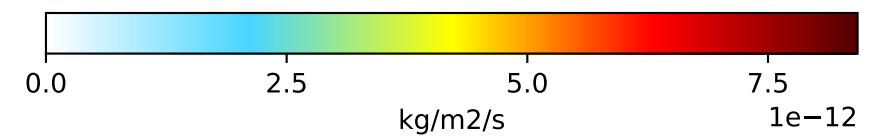
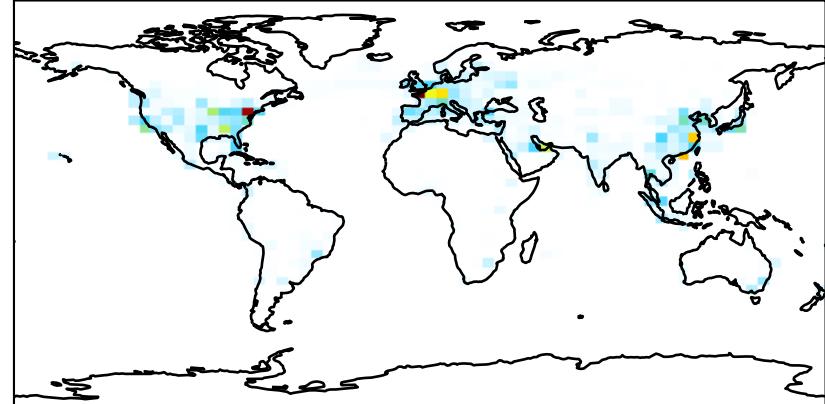


# EmisCO\_Aircraft

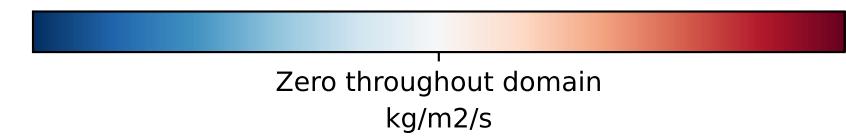
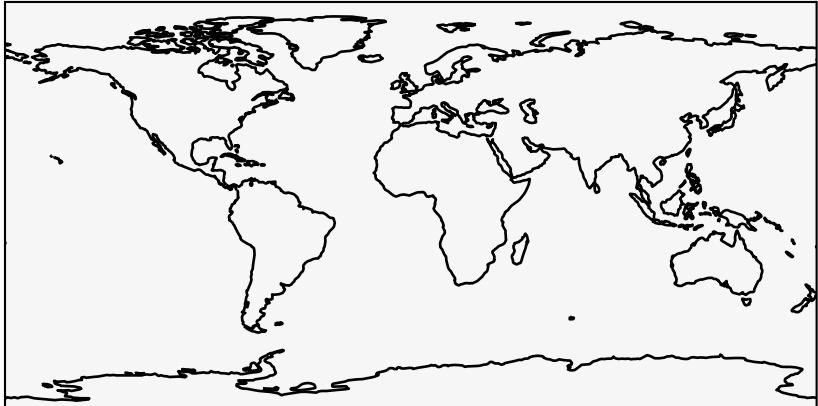
GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



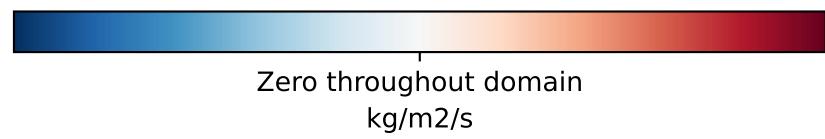
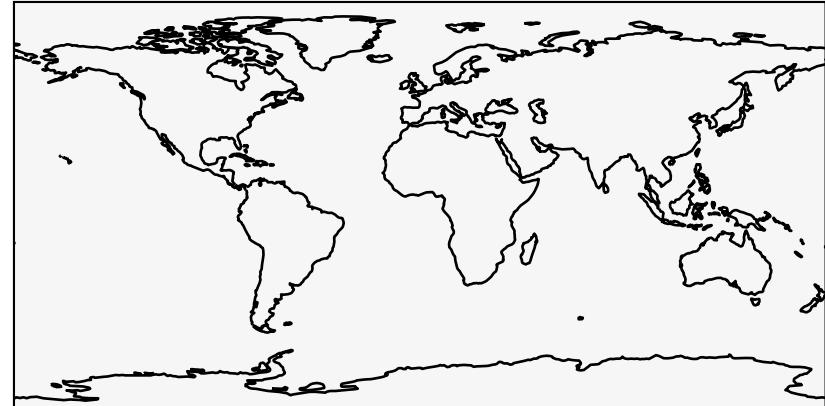
GCC\_14.2.0 GEOS-IT (Dev)  
4.0x5.0



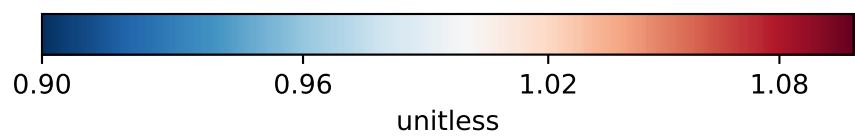
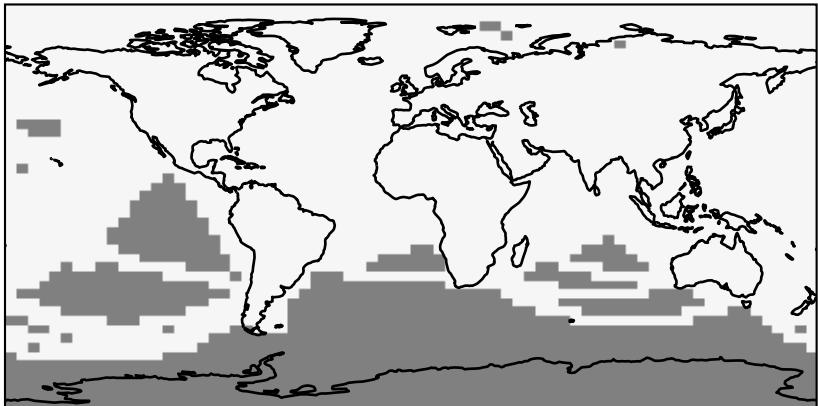
Difference  
Dev - Ref, Dynamic Range



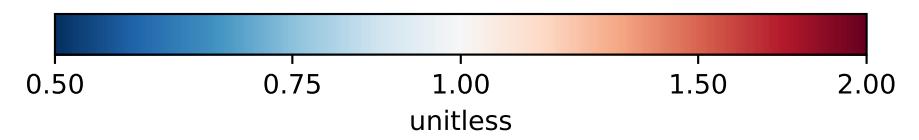
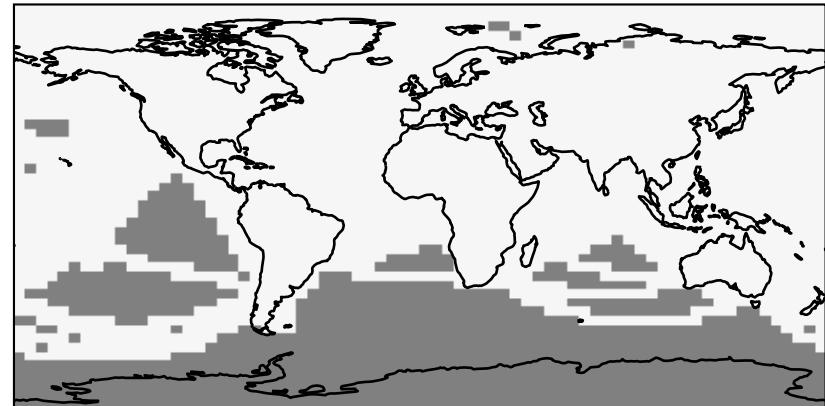
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

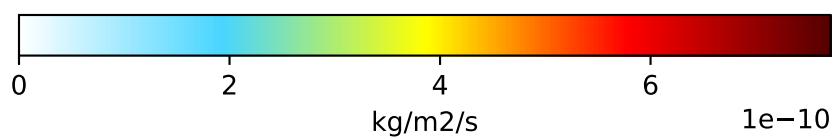
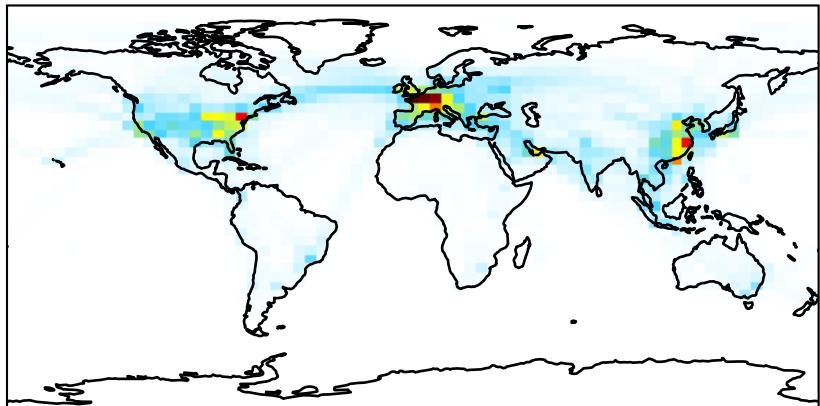


Ratio  
Dev/Ref, Fixed Range

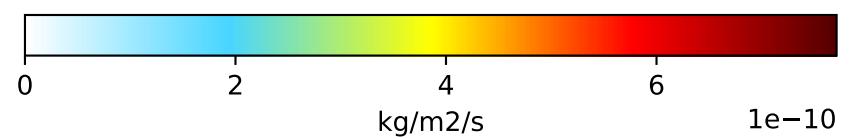
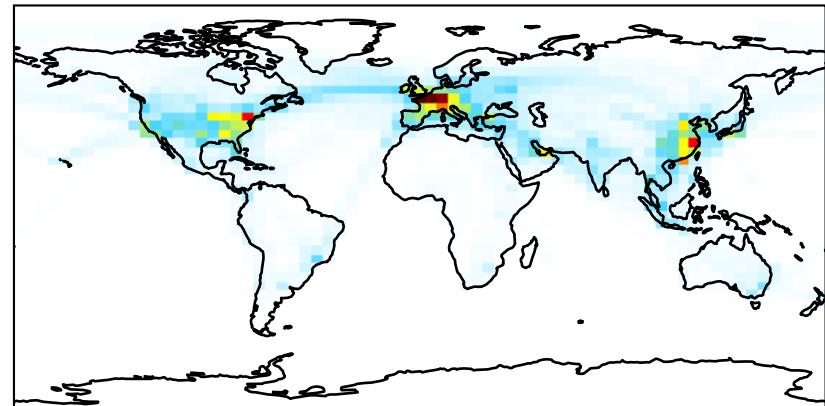


# EmisH2O\_Aircraft

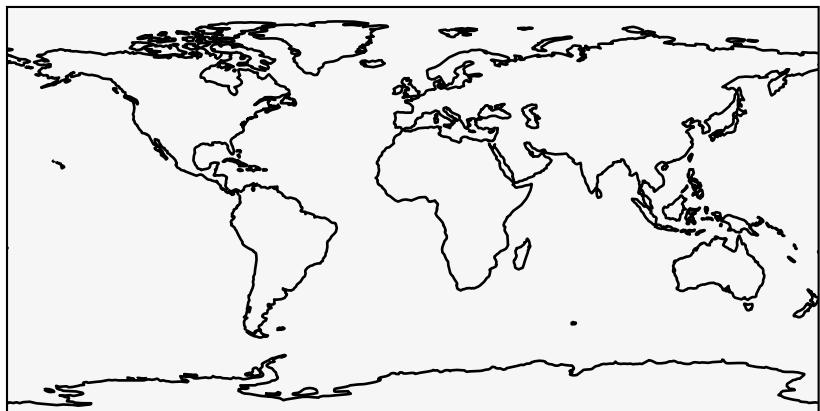
GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



GCC\_14.2.0\_GEOS-IT (Dev)  
4.0x5.0

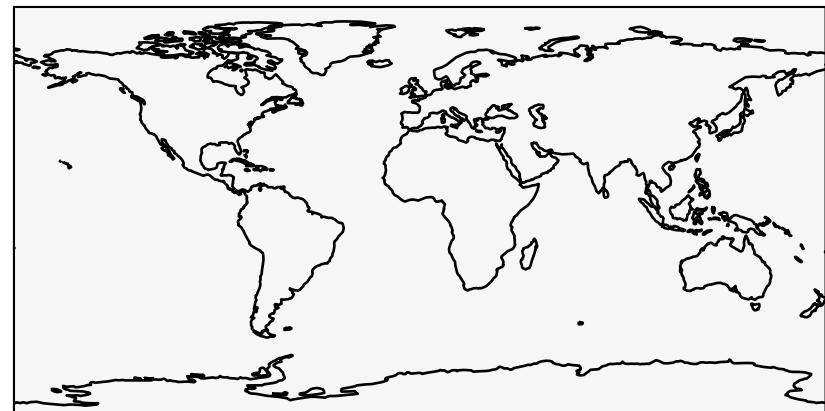


Difference  
Dev - Ref, Dynamic Range



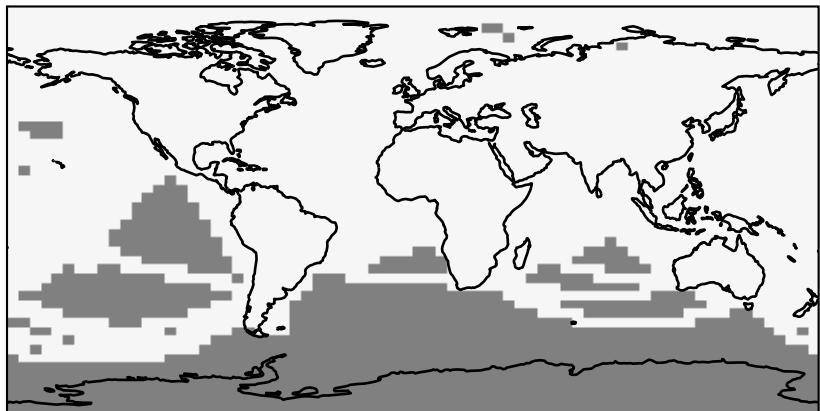
Zero throughout domain  
kg/m<sup>2</sup>/s

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

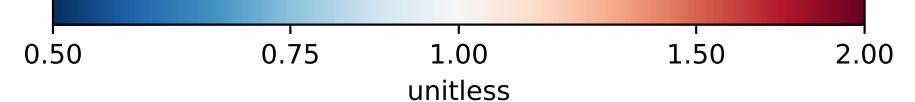
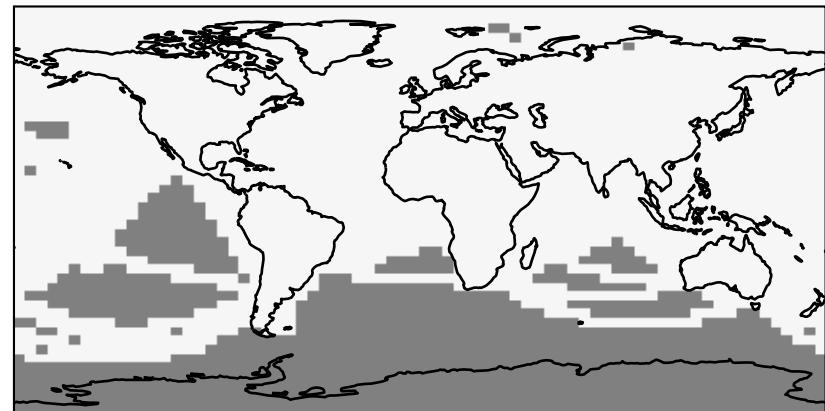


Zero throughout domain  
kg/m<sup>2</sup>/s

Ratio  
Dev/Ref, Dynamic Range

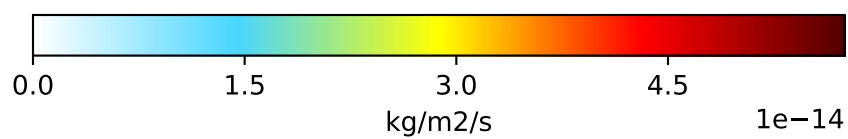
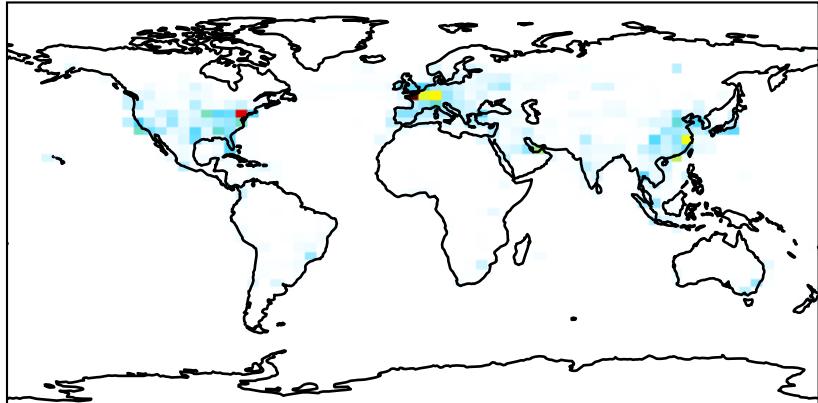


Ratio  
Dev/Ref, Fixed Range

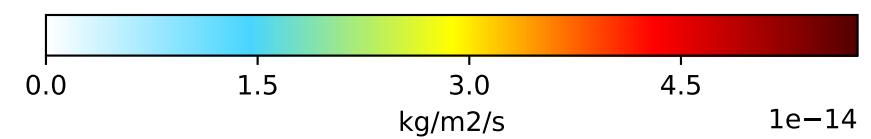
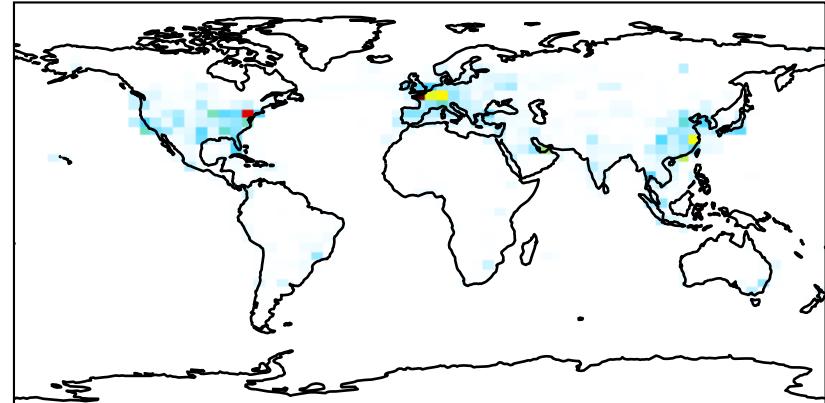


# EmisMACR\_Aircraft

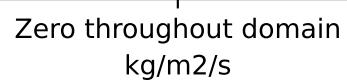
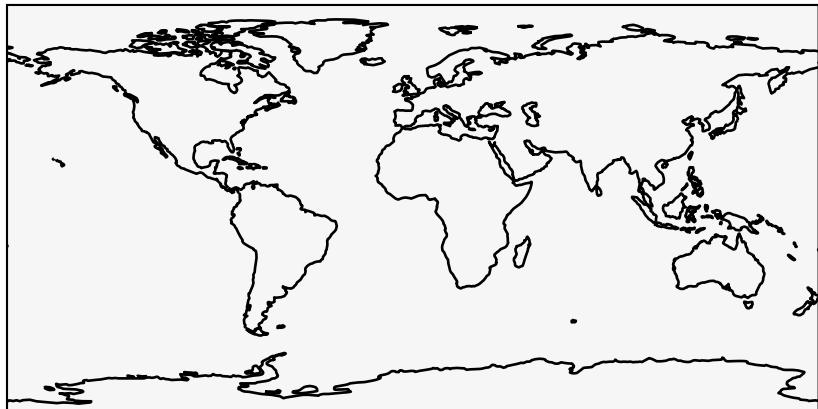
GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



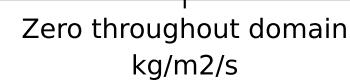
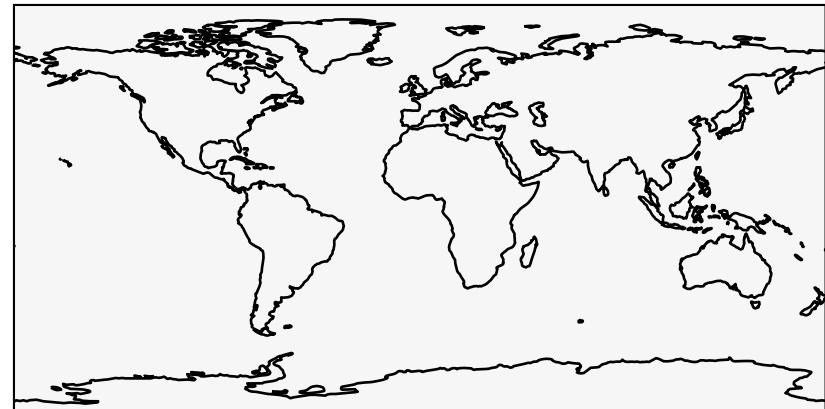
GCC\_14.2.0\_GEOS-IT (Dev)  
4.0x5.0



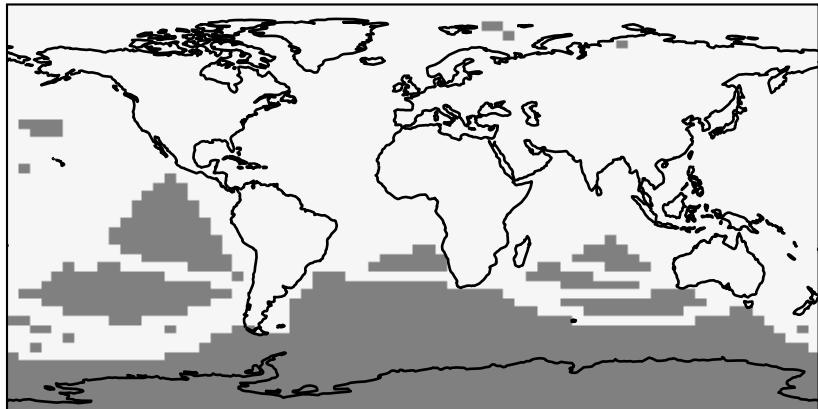
Difference  
Dev - Ref, Dynamic Range



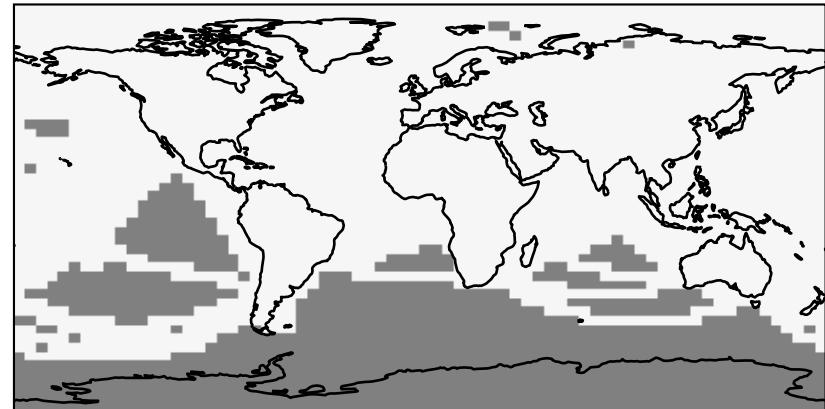
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

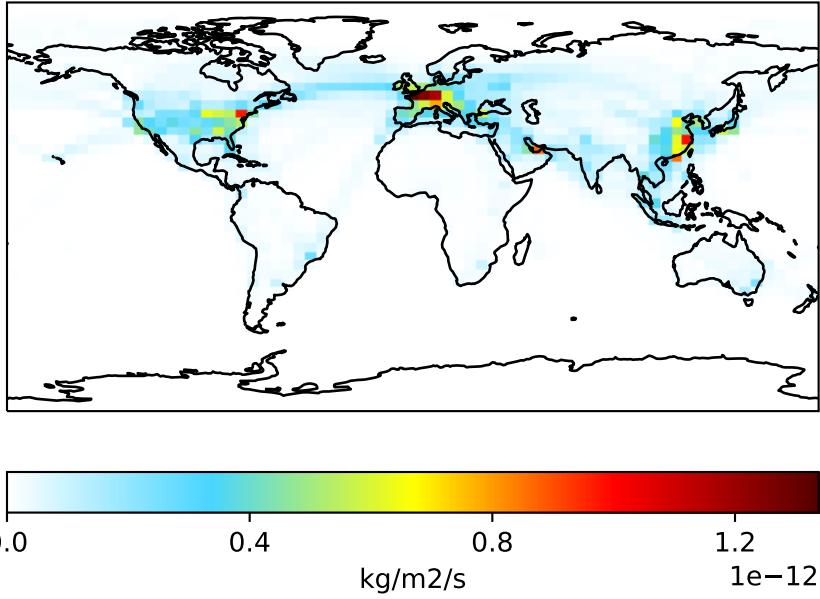


Ratio  
Dev/Ref, Fixed Range

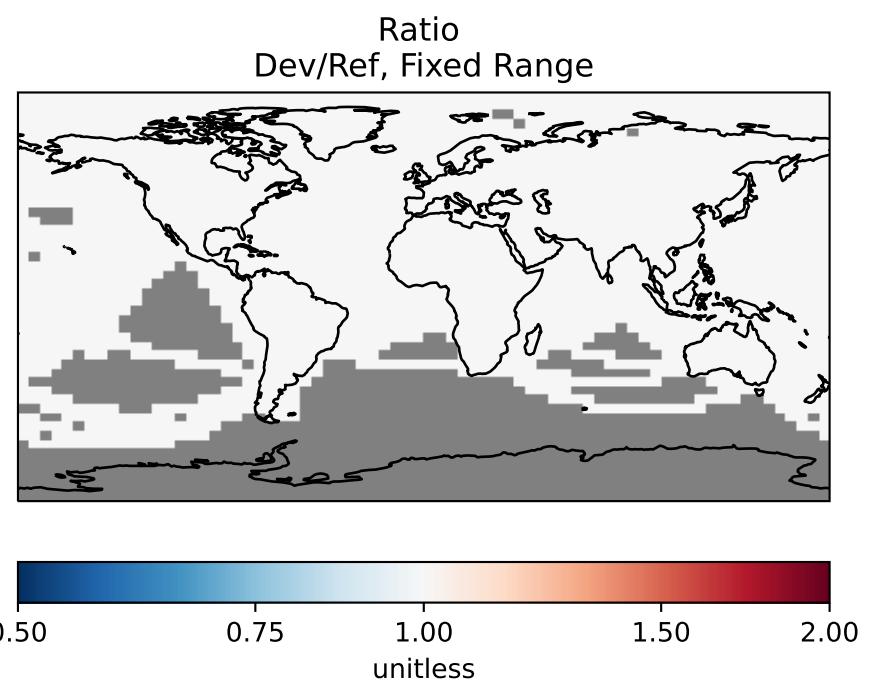
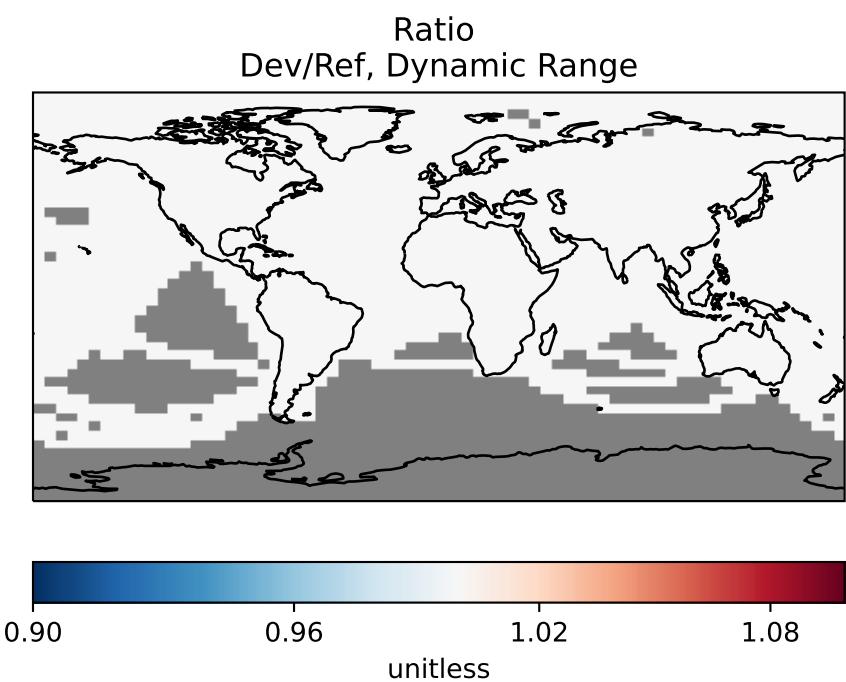
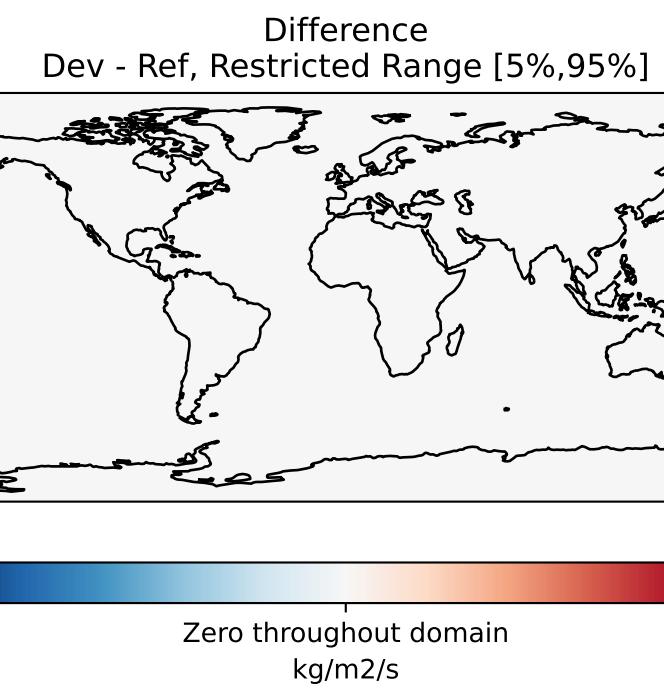
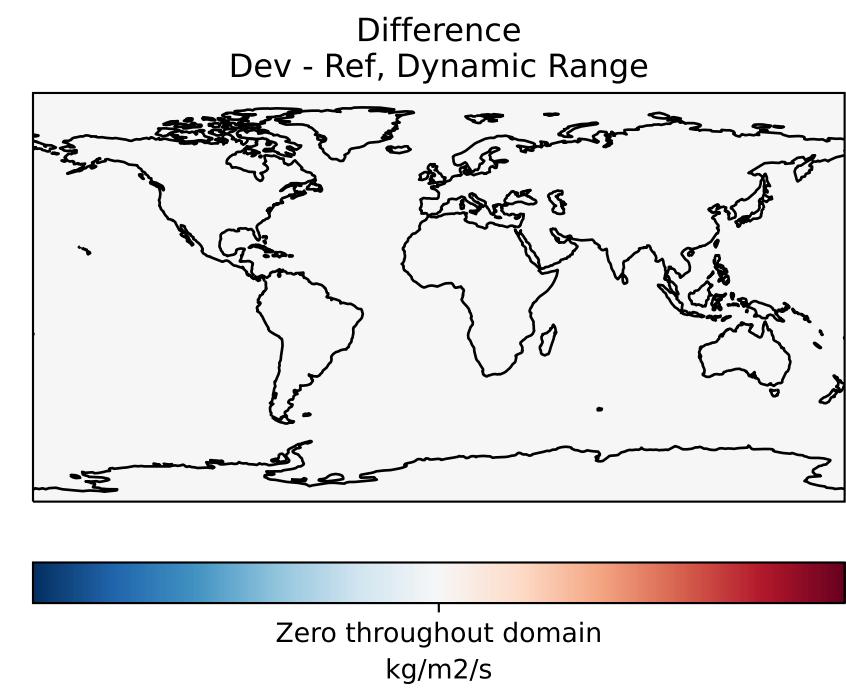
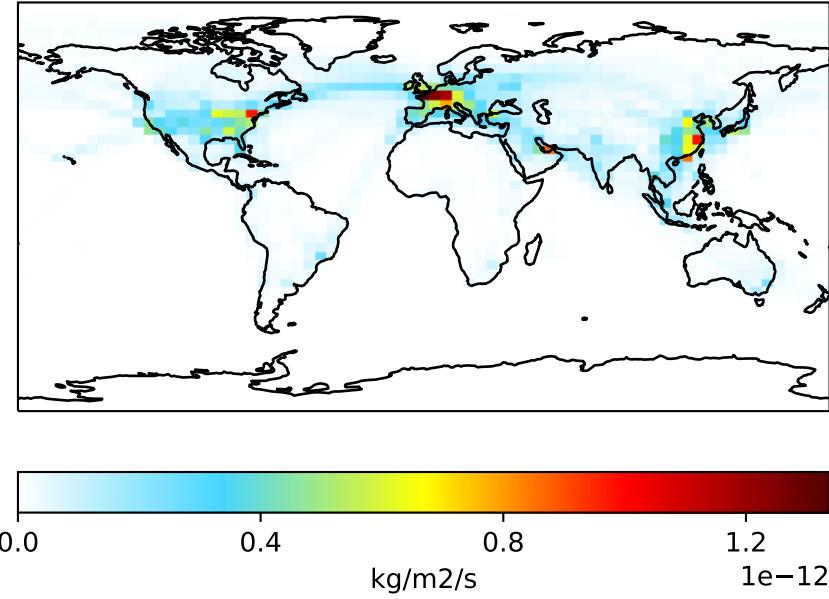


# EmisNO2\_Aircraft

GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0

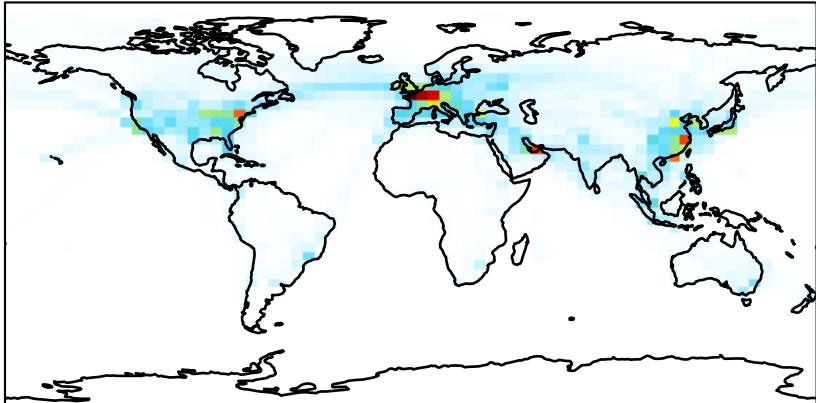


GCC\_14.2.0\_GEOS-IT (Dev)  
4.0x5.0

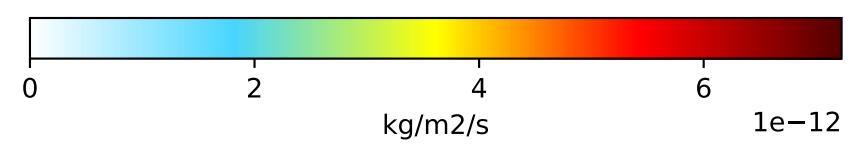
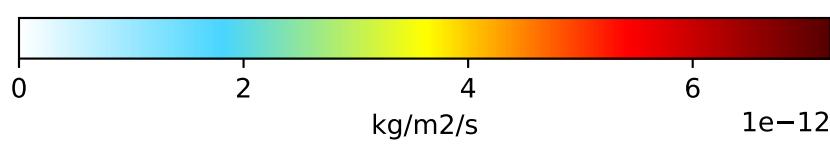
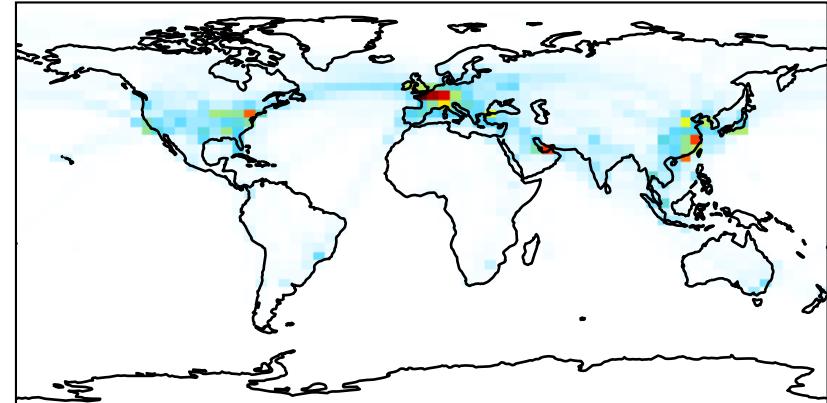


# EmisNO\_Aircraft

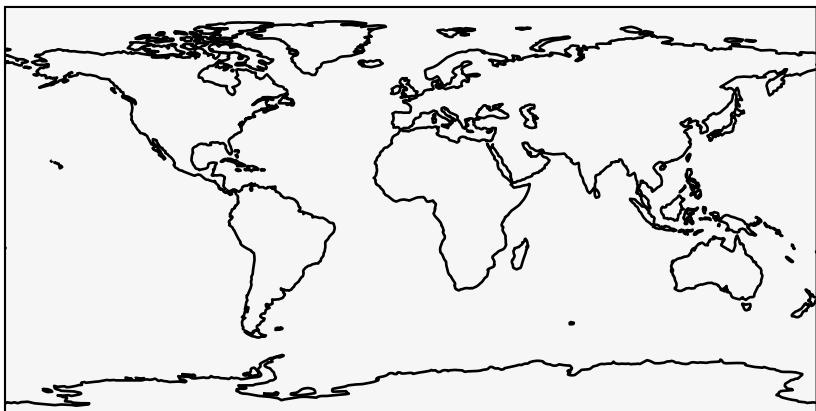
GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



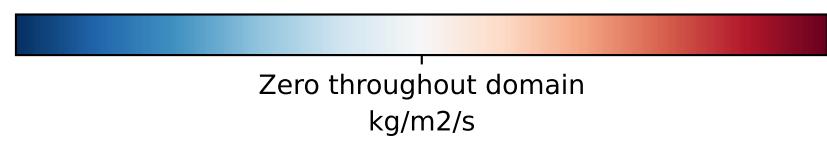
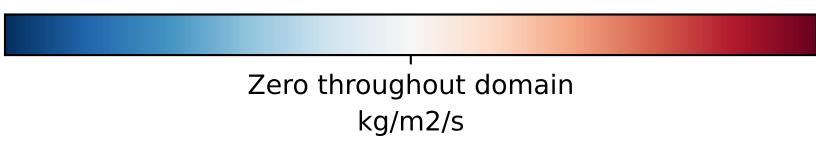
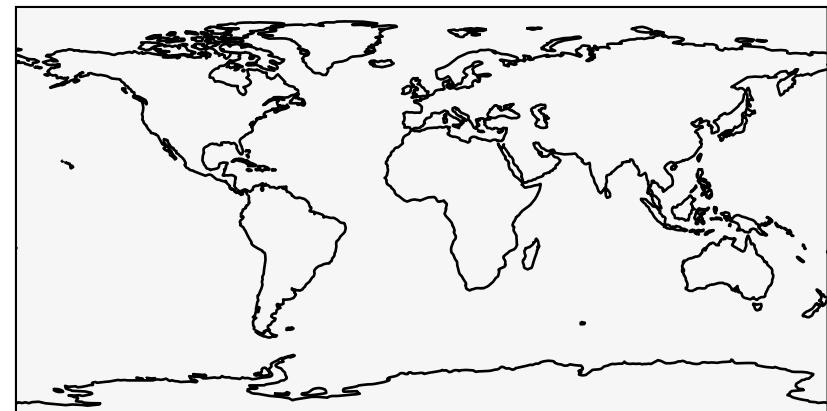
GCC\_14.2.0\_GEOS-IT (Dev)  
4.0x5.0



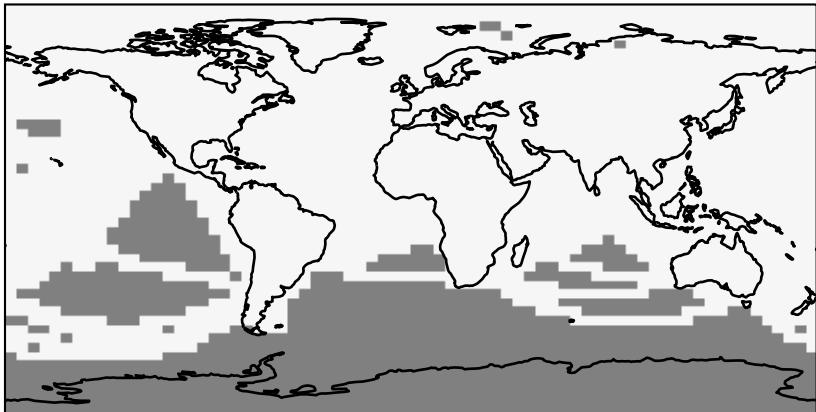
Difference  
Dev - Ref, Dynamic Range



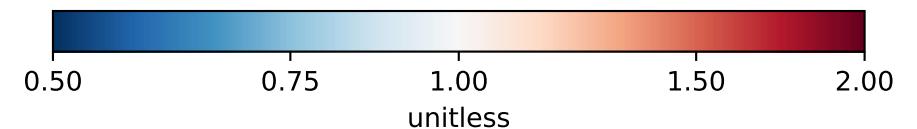
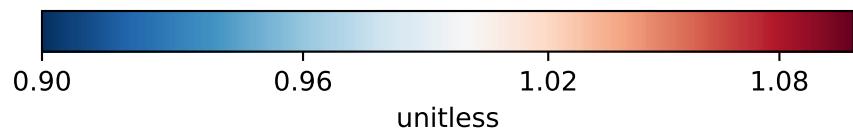
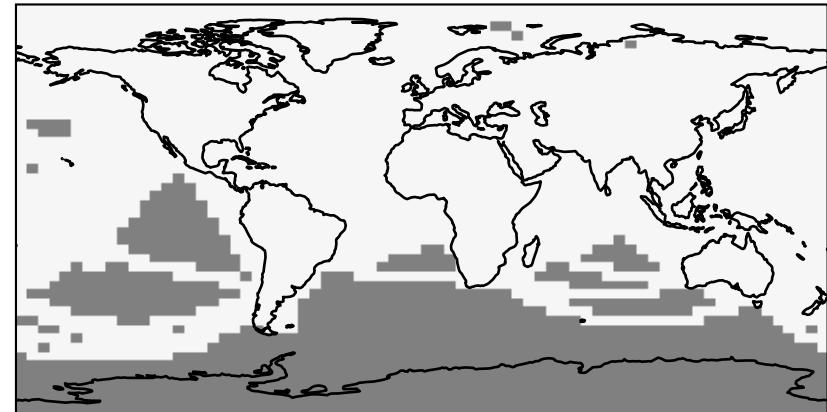
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

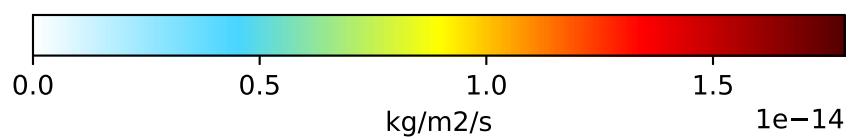
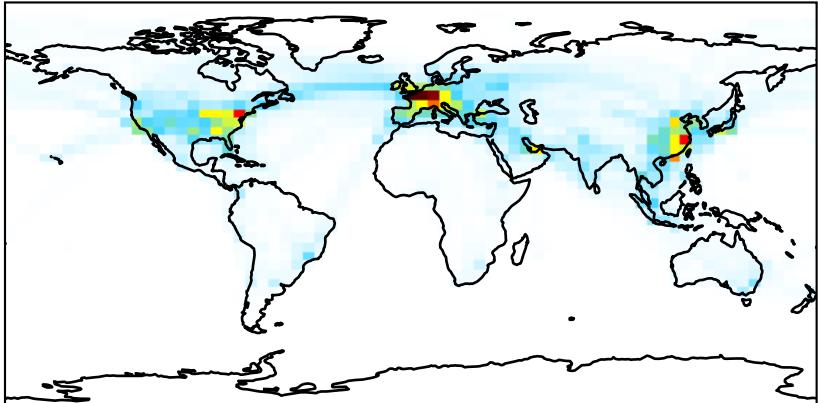


Ratio  
Dev/Ref, Fixed Range

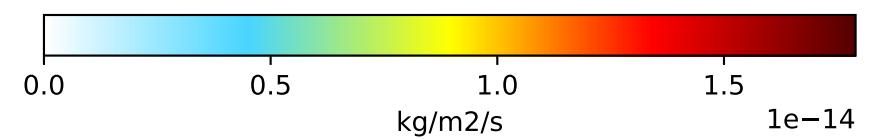
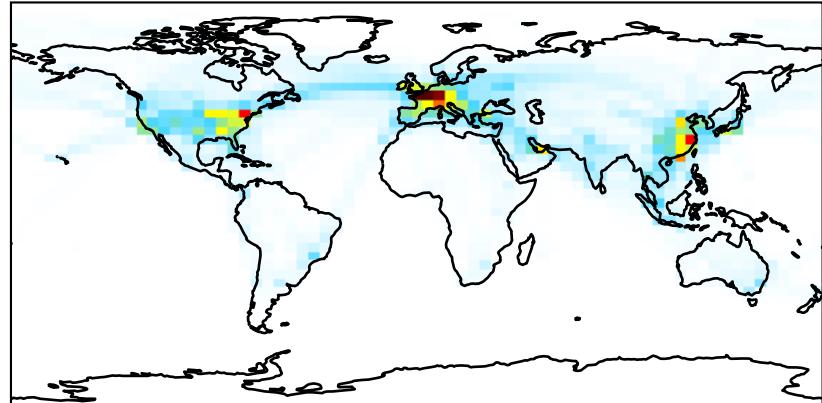


# EmisOCPI\_Aircraft

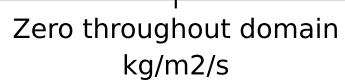
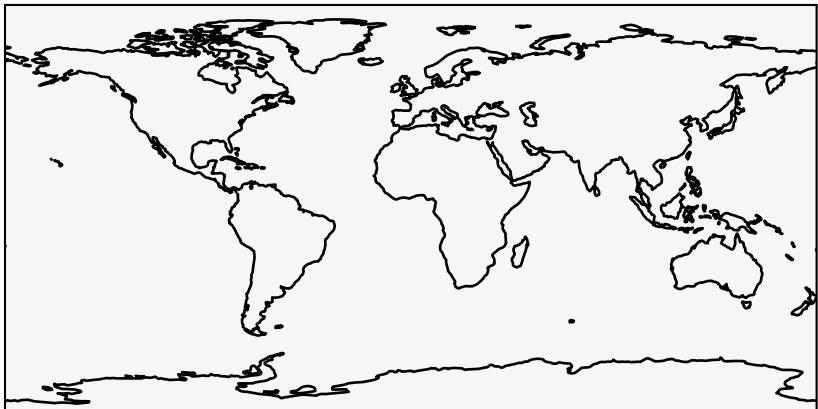
GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



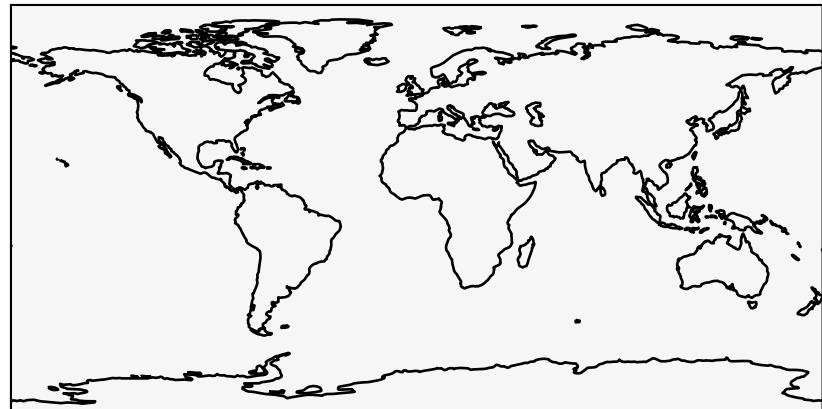
GCC\_14.2.0\_GEOS-IT (Dev)  
4.0x5.0



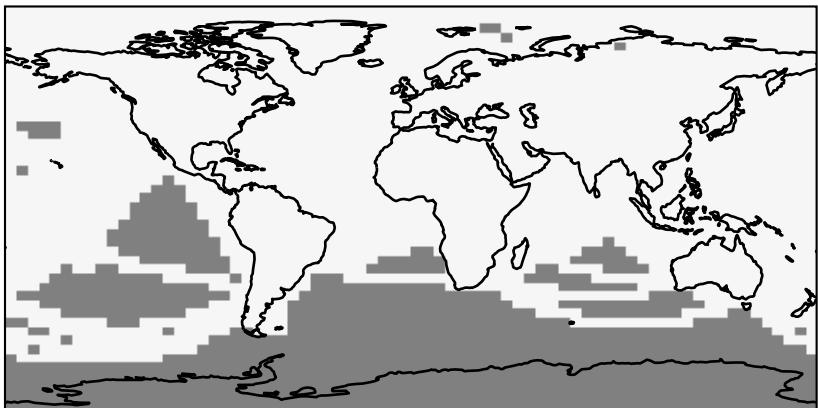
Difference  
Dev - Ref, Dynamic Range



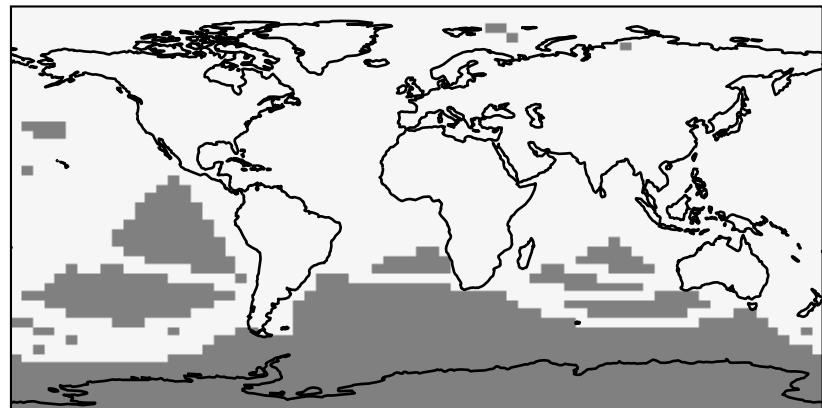
Difference  
Dev - Ref, Restricted Range [5%,95%]



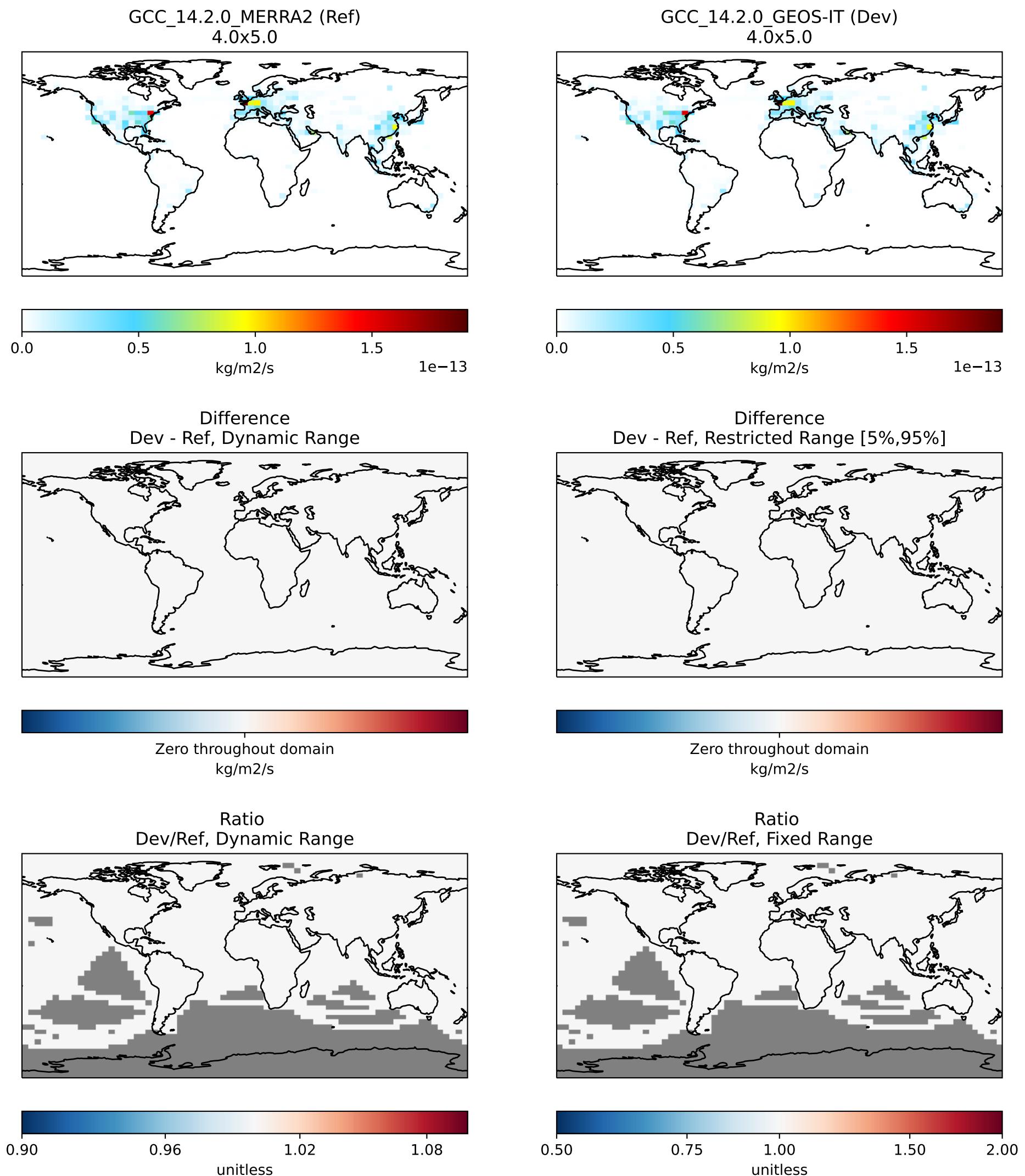
Ratio  
Dev/Ref, Dynamic Range



Ratio  
Dev/Ref, Fixed Range

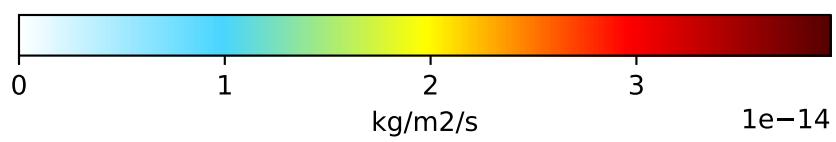
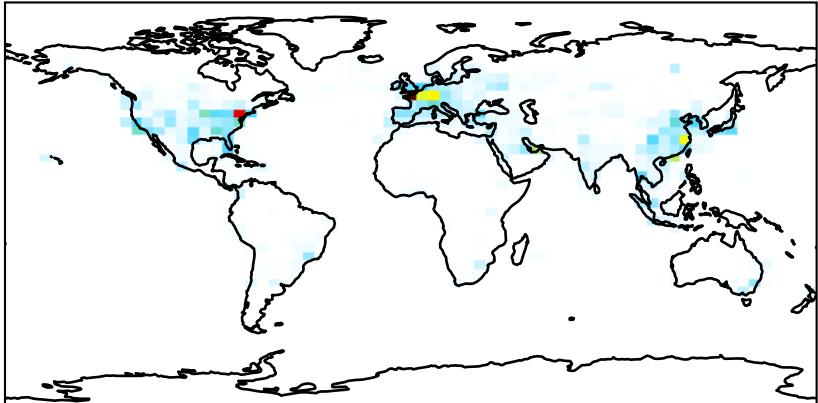


# EmisPRPE\_Aircraft

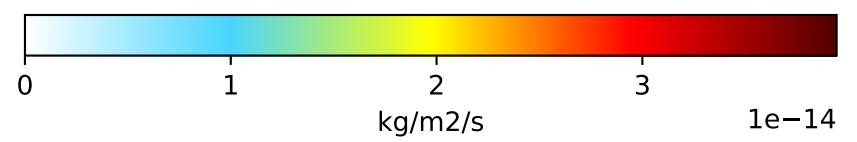
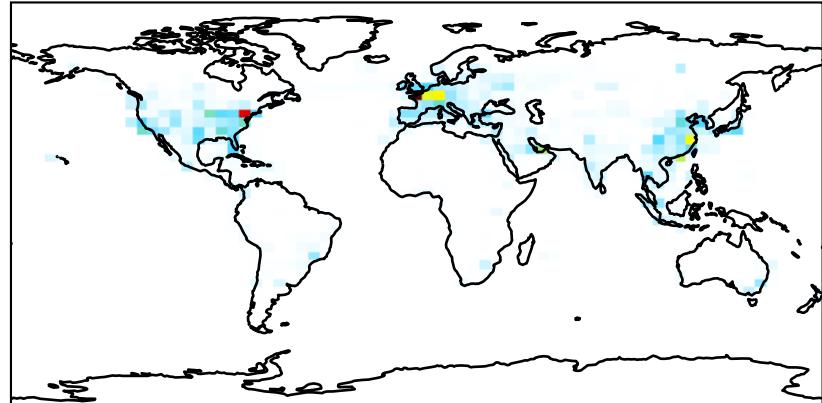


# EmisRCHO\_Aircraft

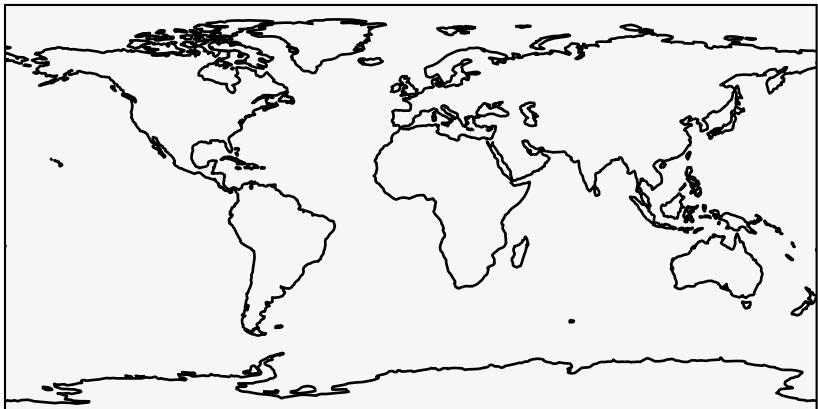
GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



GCC\_14.2.0\_GEOS-IT (Dev)  
4.0x5.0

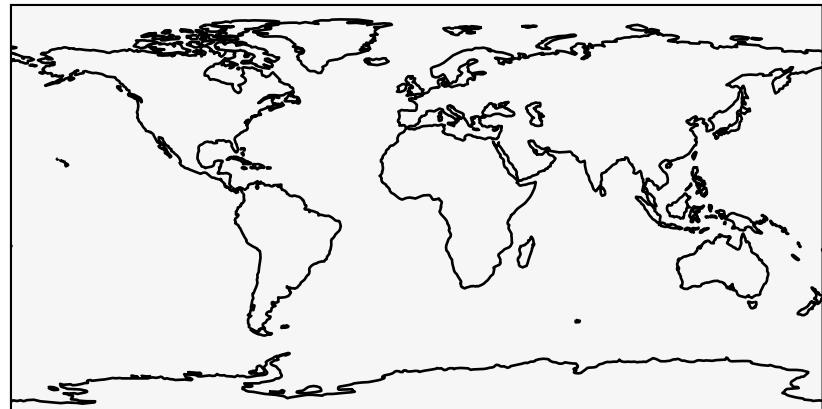


Difference  
Dev - Ref, Dynamic Range



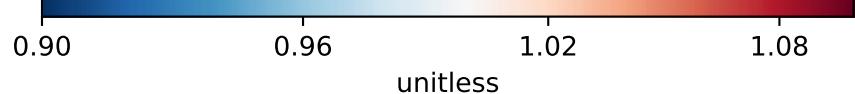
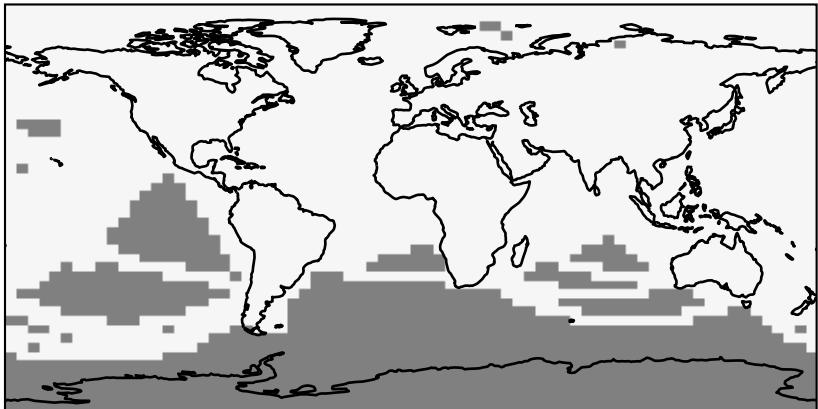
Zero throughout domain  
kg/m<sup>2</sup>/s

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

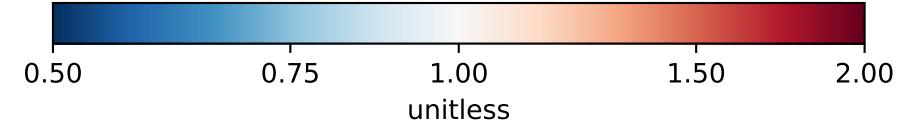
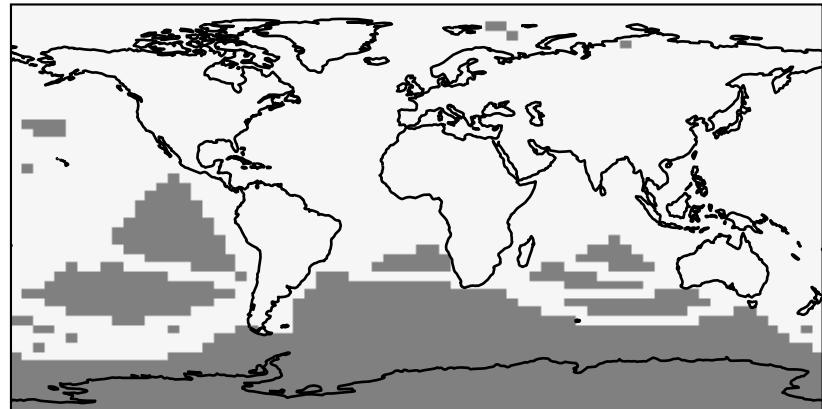


Zero throughout domain  
kg/m<sup>2</sup>/s

Ratio  
Dev/Ref, Dynamic Range

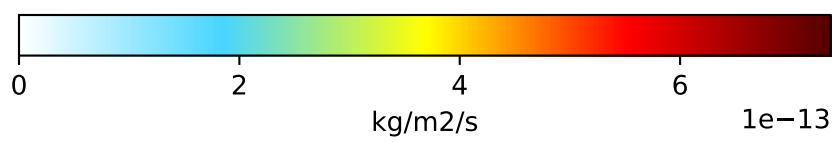
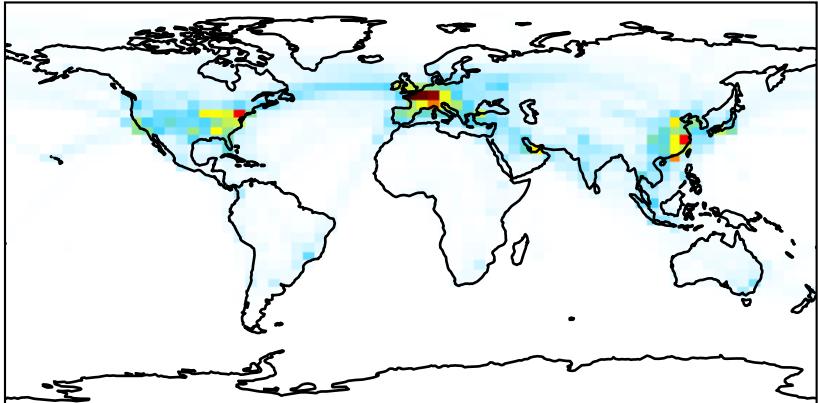


Ratio  
Dev/Ref, Fixed Range

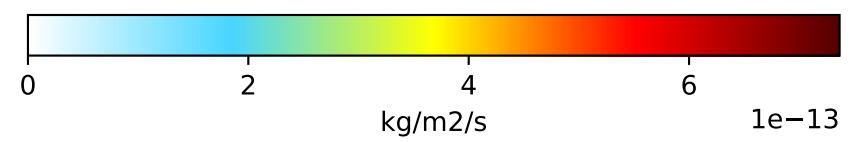
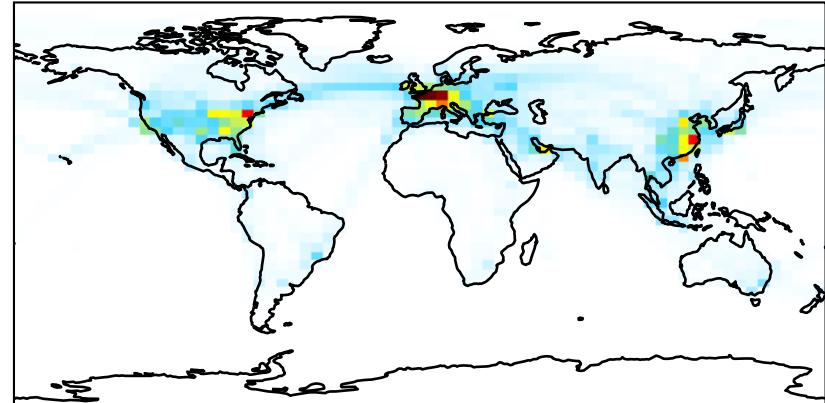


# EmisSO2\_Aircraft

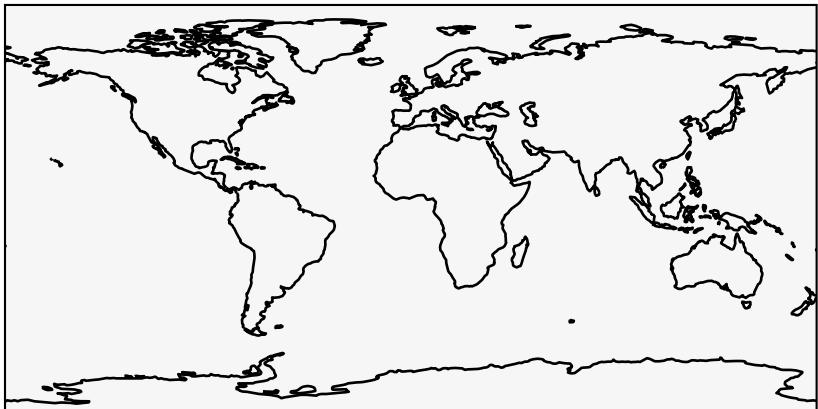
GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



GCC\_14.2.0\_GEOS-IT (Dev)  
4.0x5.0

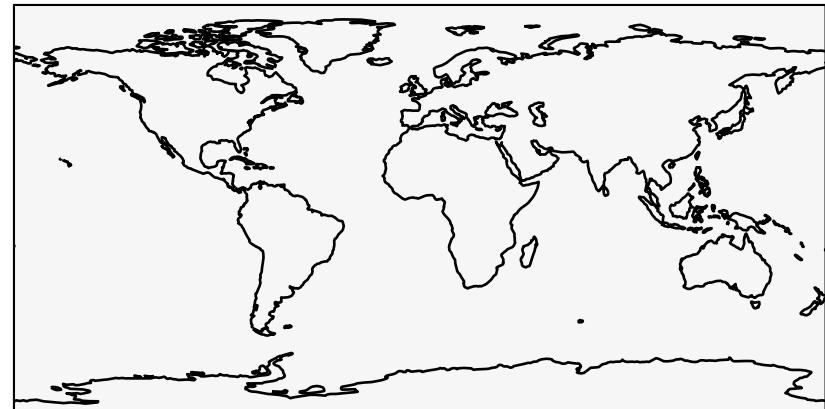


Difference  
Dev - Ref, Dynamic Range



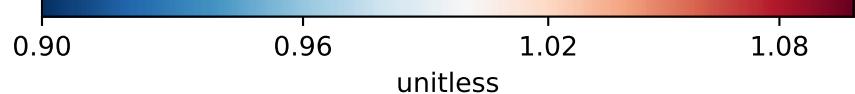
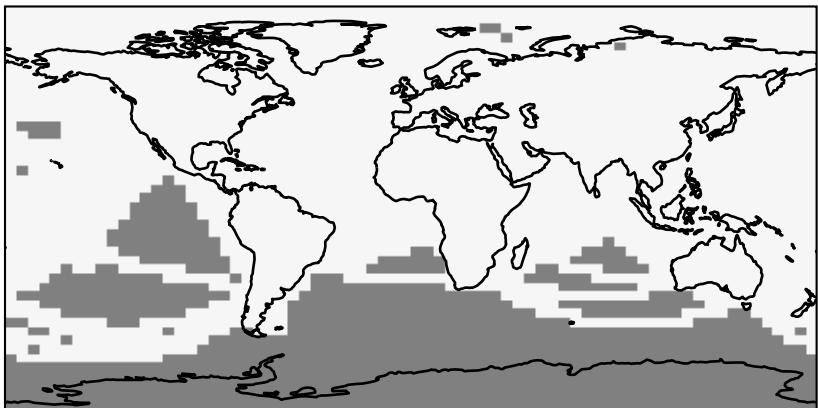
Zero throughout domain  
kg/m<sup>2</sup>/s

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

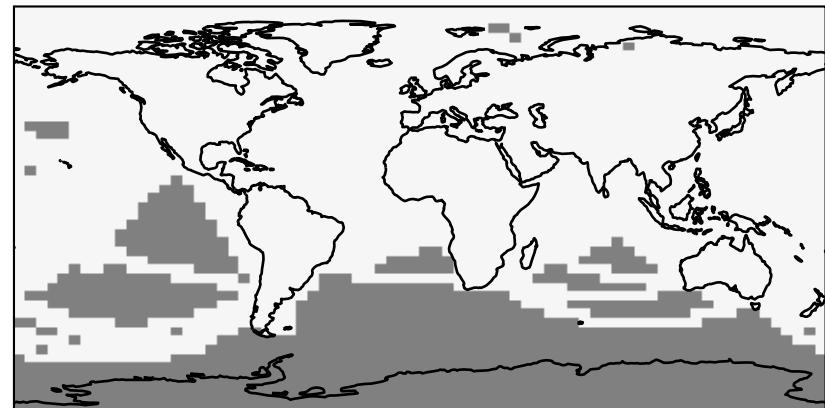


Zero throughout domain  
kg/m<sup>2</sup>/s

Ratio  
Dev/Ref, Dynamic Range

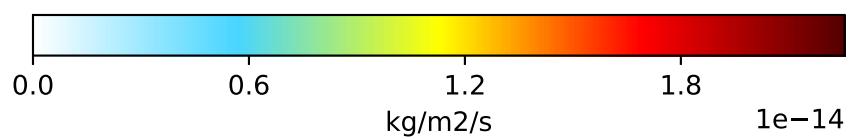
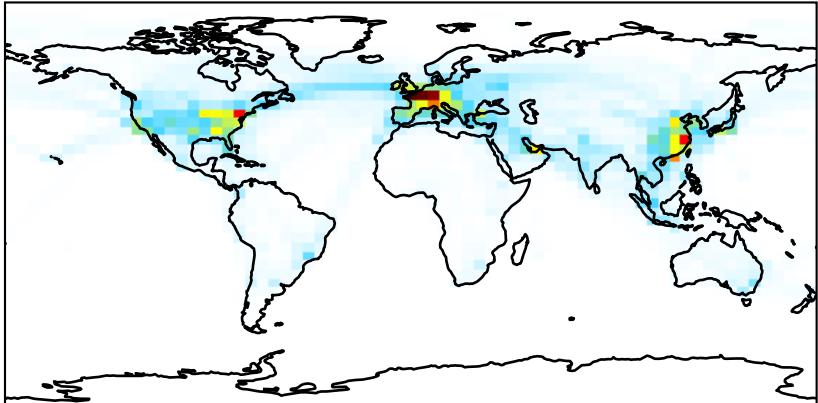


Ratio  
Dev/Ref, Fixed Range

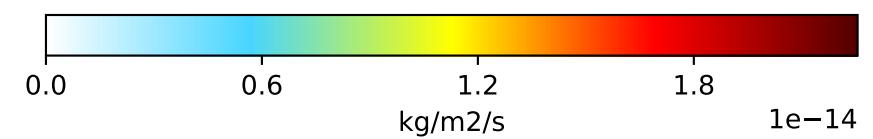
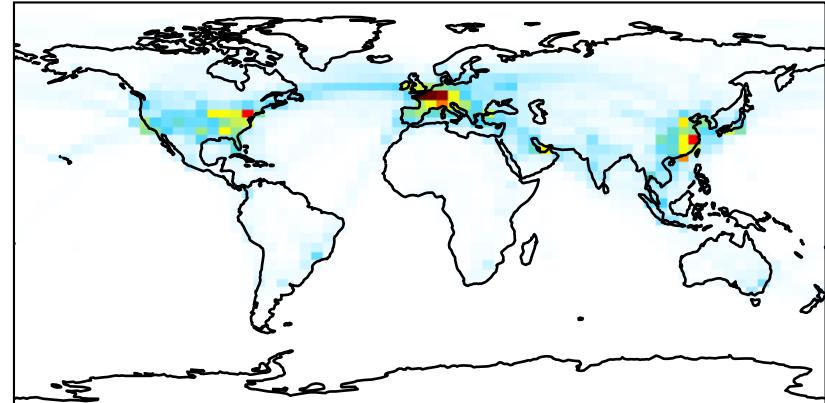


# EmisSO4\_Aircraft

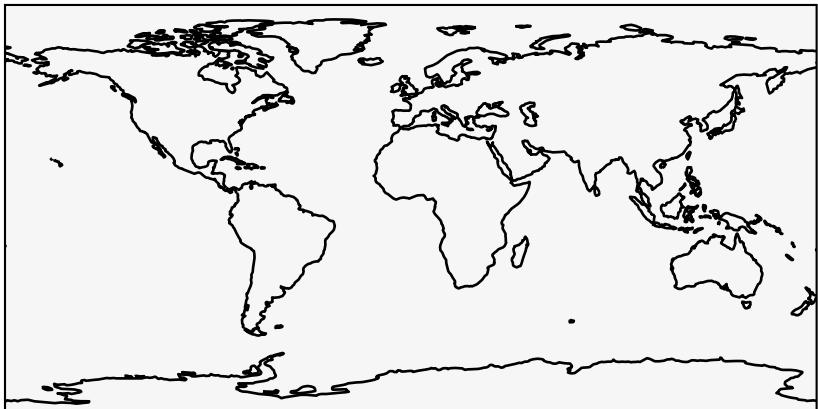
GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



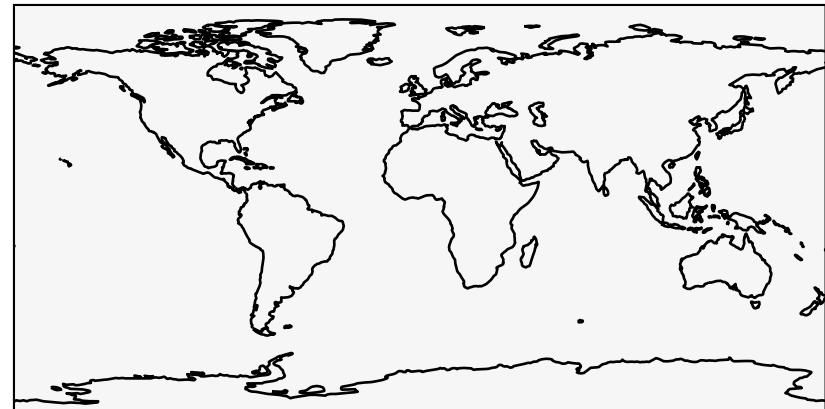
GCC\_14.2.0\_GEOS-IT (Dev)  
4.0x5.0



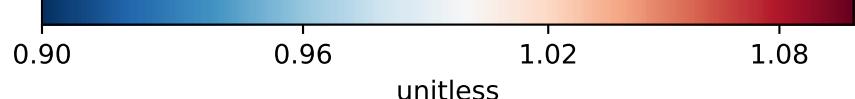
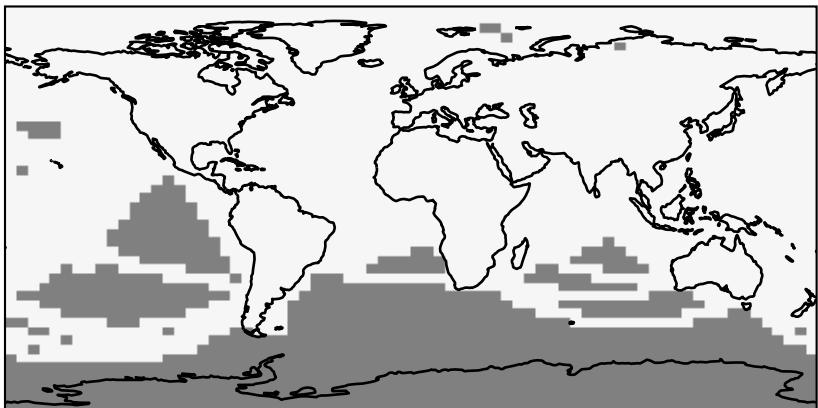
Difference  
Dev - Ref, Dynamic Range



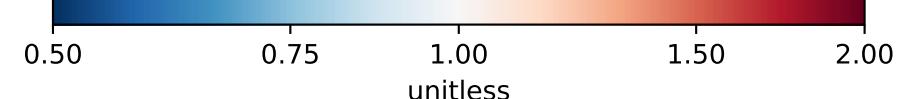
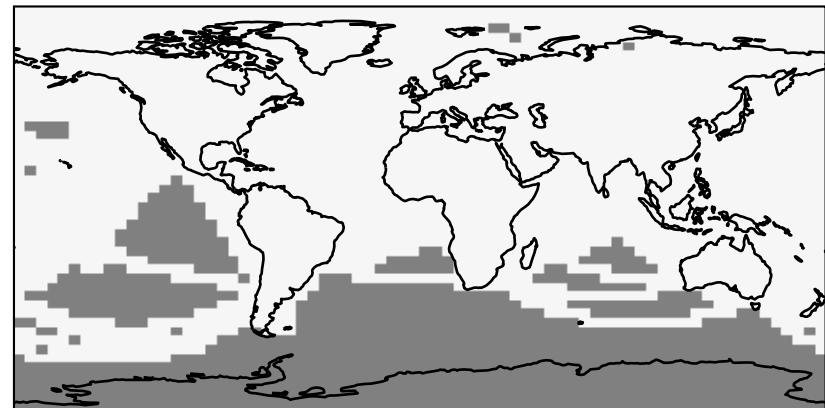
Difference  
Dev - Ref, Restricted Range [5%, 95%]



Ratio  
Dev/Ref, Dynamic Range

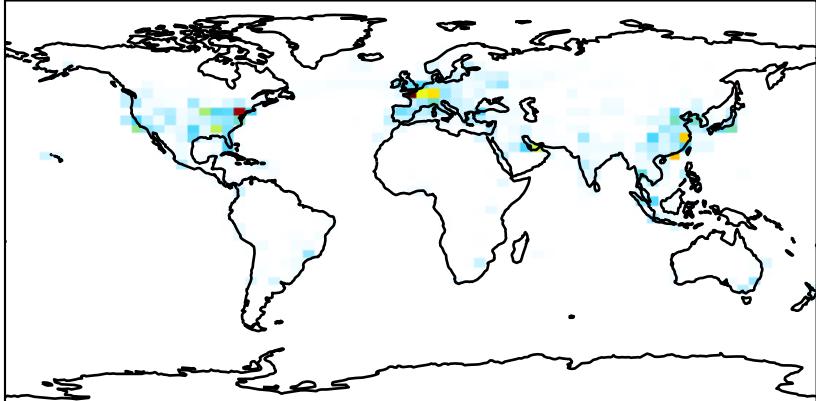


Ratio  
Dev/Ref, Fixed Range

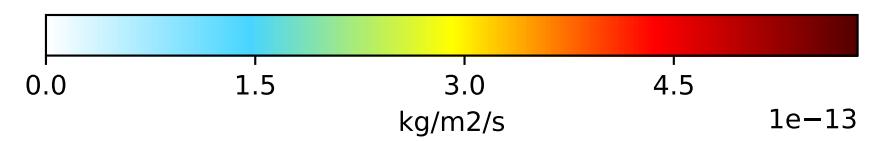
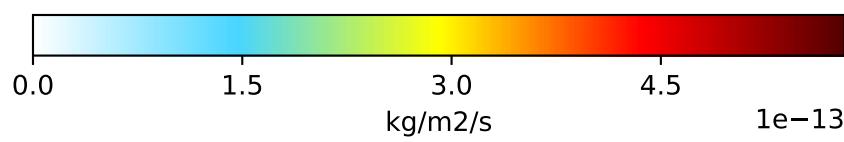
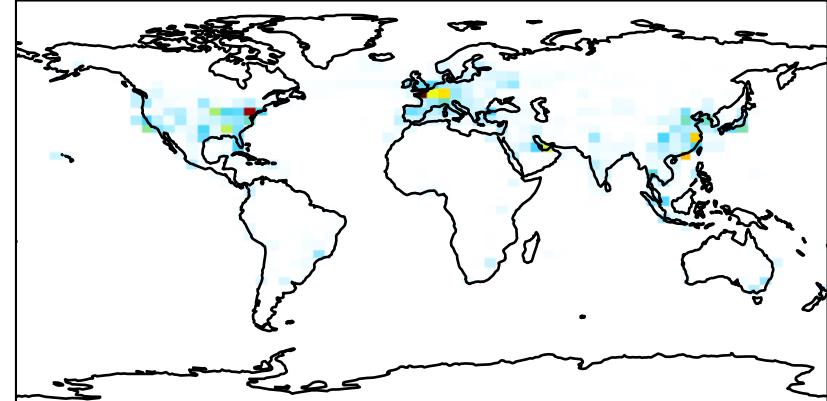


# EmisSOAP\_Aircraft

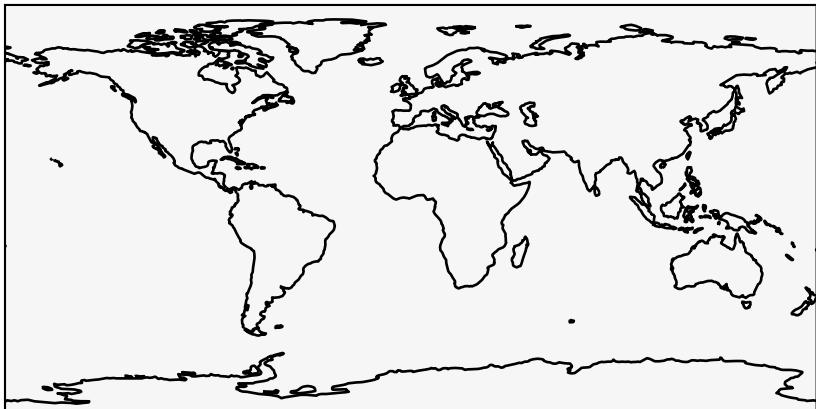
GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



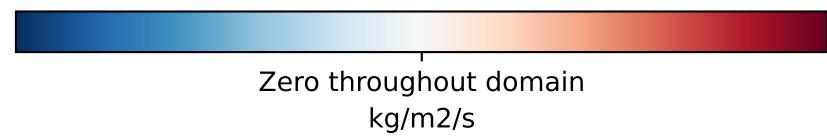
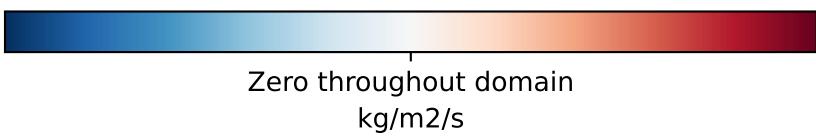
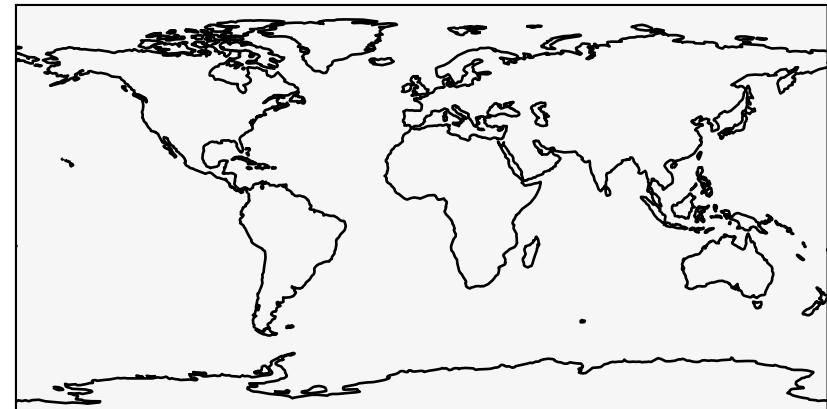
GCC\_14.2.0\_GEOS-IT (Dev)  
4.0x5.0



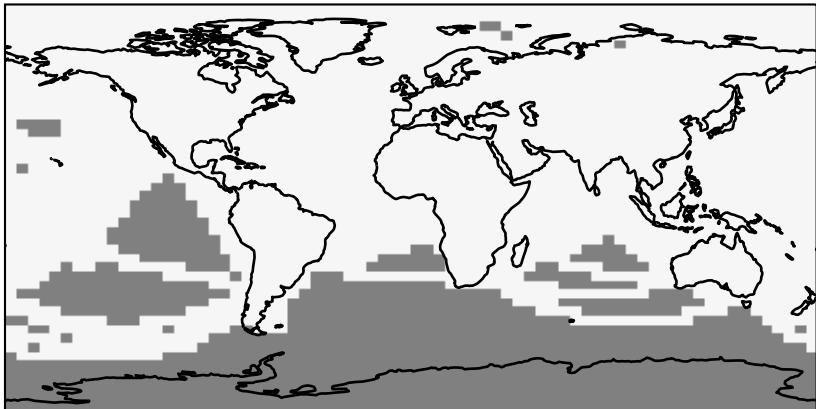
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range



Ratio  
Dev/Ref, Fixed Range

