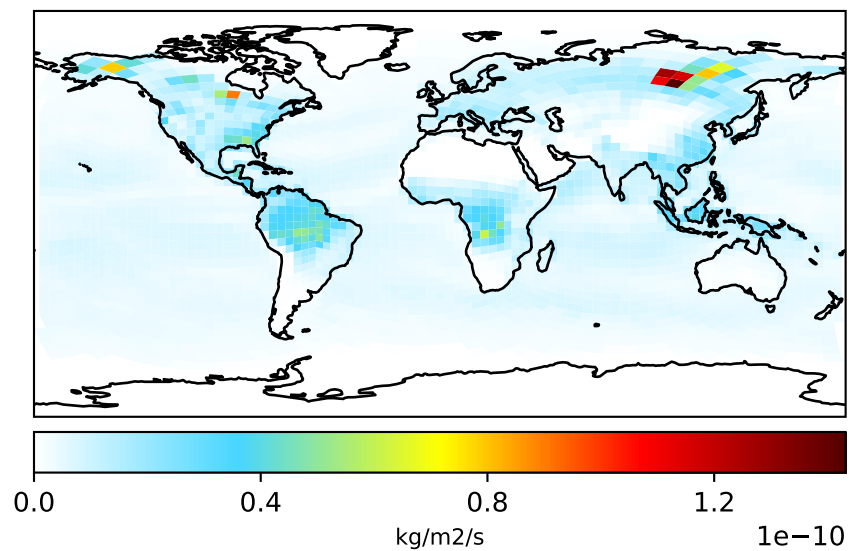
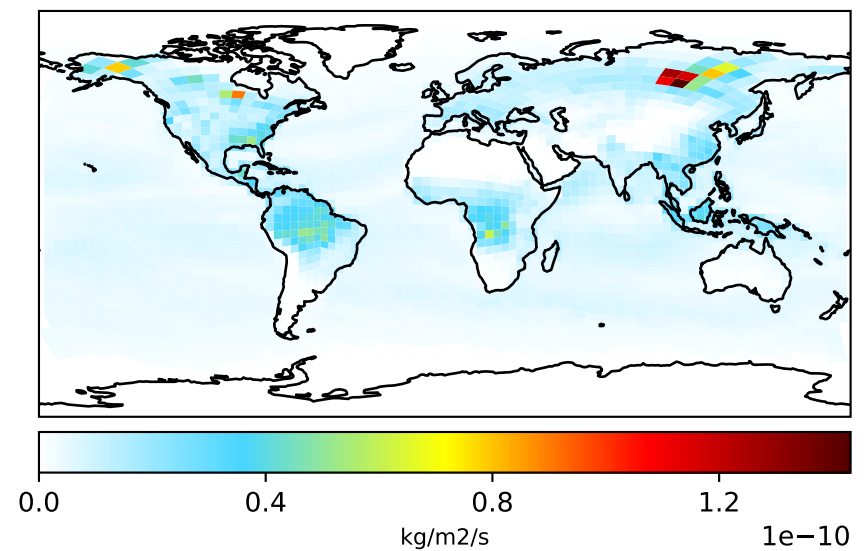


# EmisACET\_Total

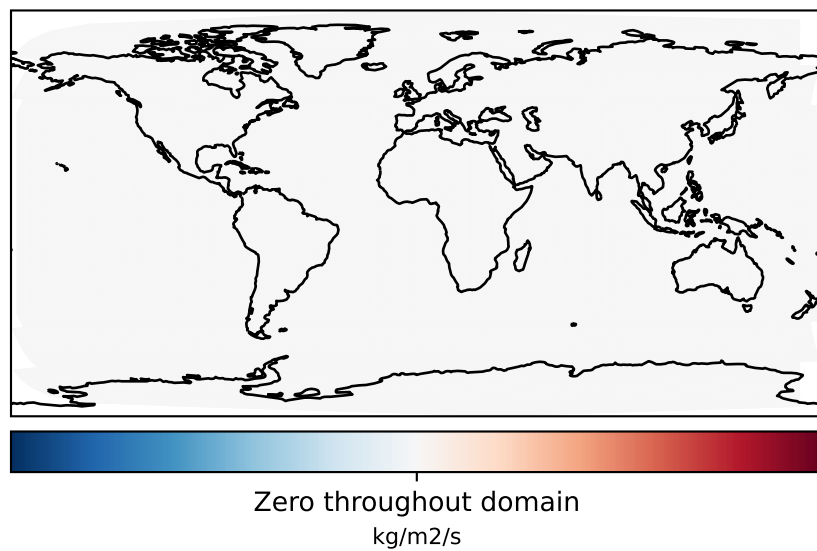
gchp-c24-1Mon-14.7.0-alpha.13 (Ref)  
c24



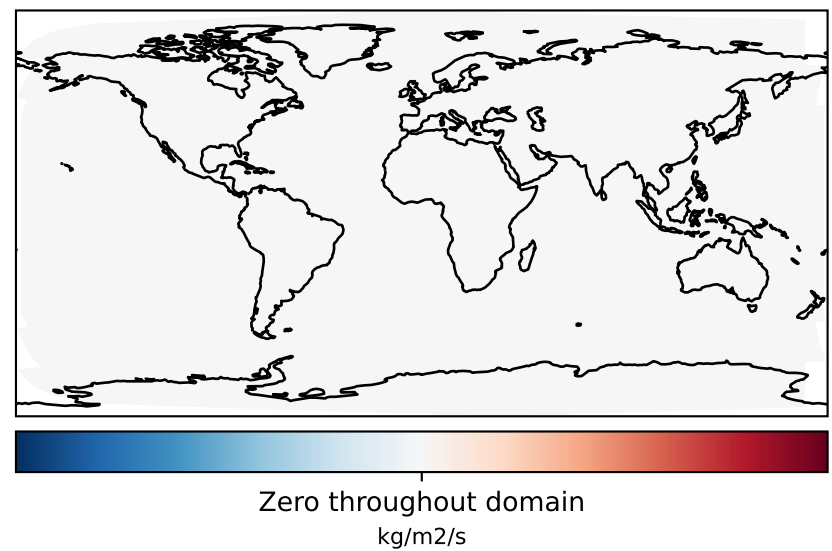
gchp-c24-1Mon-14.7.0-alpha.14 (Dev)  
c24



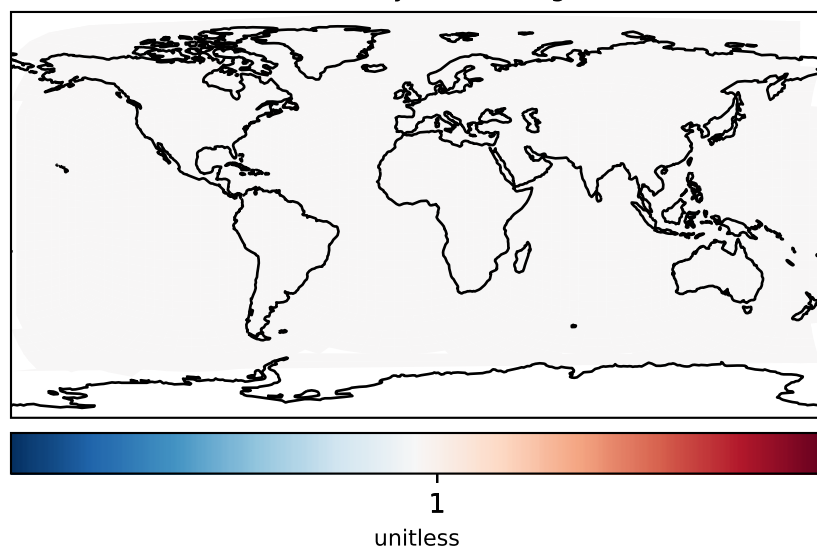
Difference  
Dev - Ref, Dynamic Range



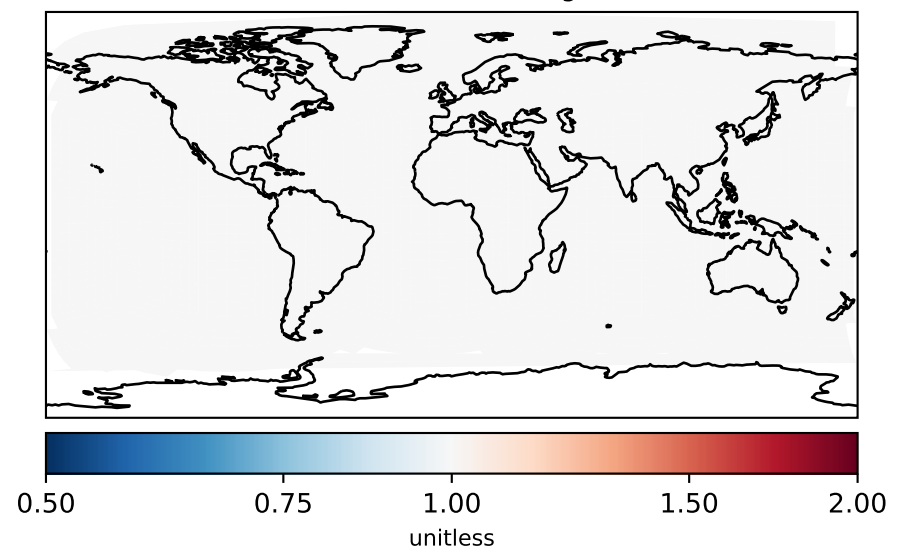
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

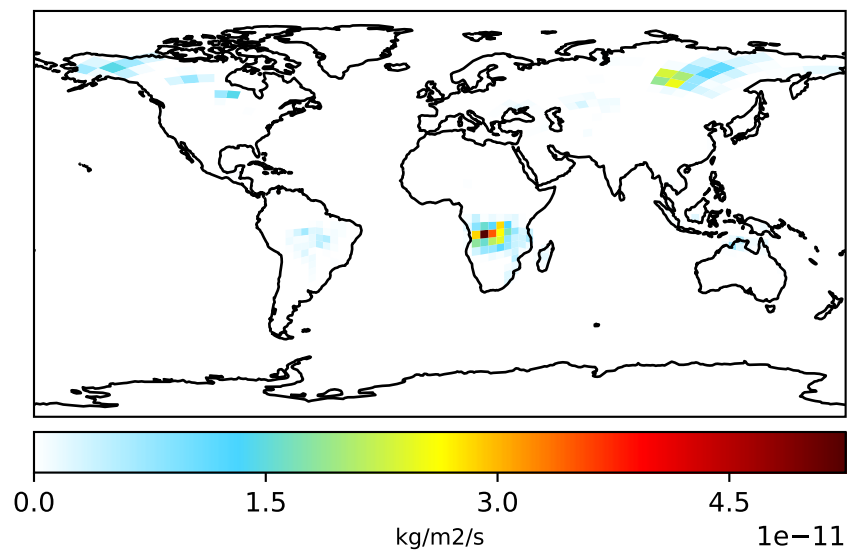


Ratio  
Dev/Ref, Fixed Range

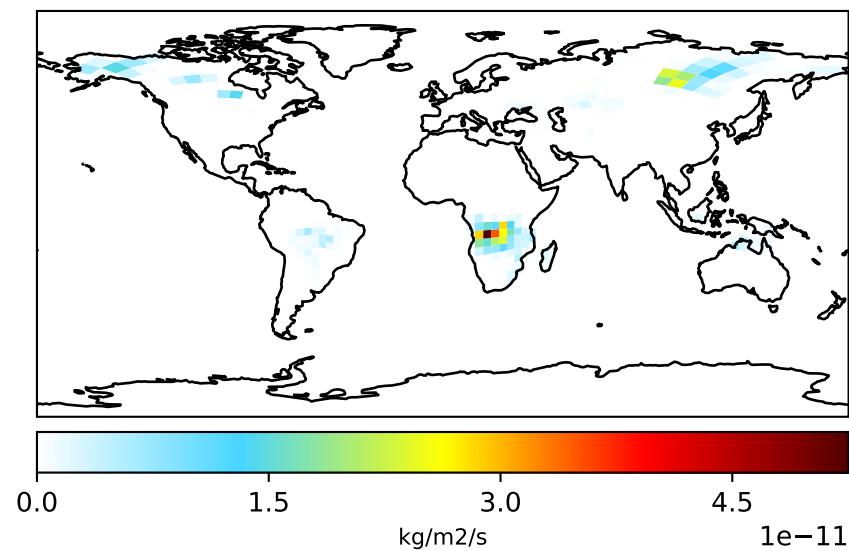


# EmisACR\_Total

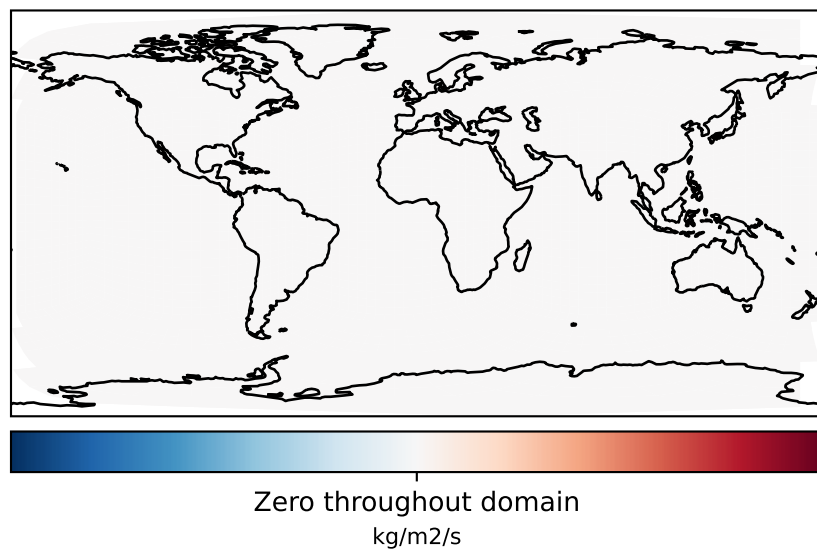
gchp-c24-1Mon-14.7.0-alpha.13 (Ref)  
c24



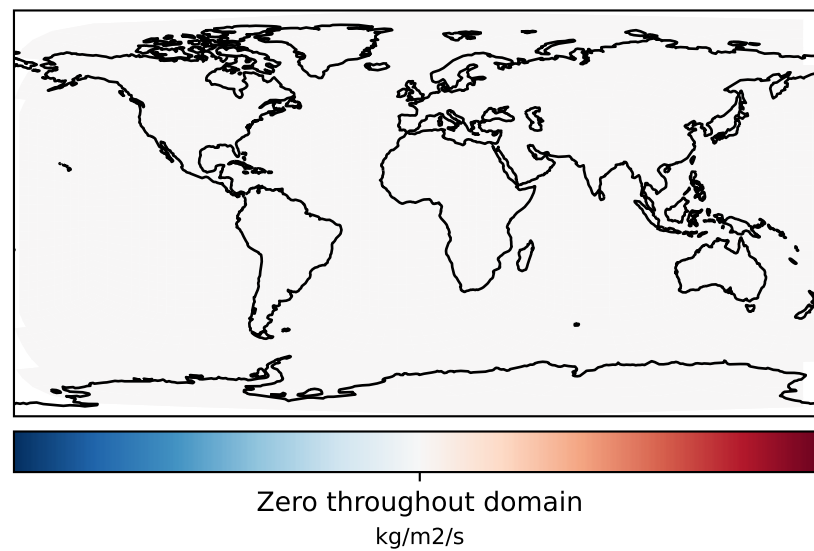
gchp-c24-1Mon-14.7.0-alpha.14 (Dev)  
c24



Difference  
Dev - Ref, Dynamic Range



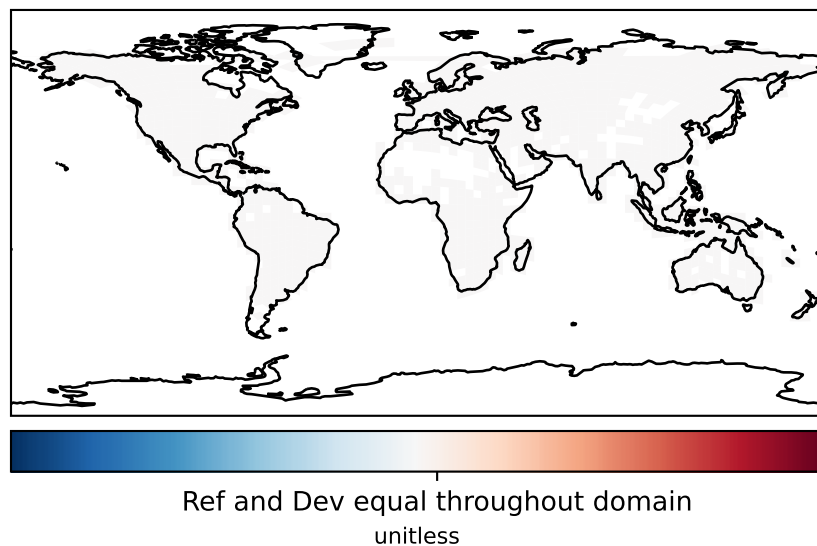
Difference  
Dev - Ref, Restricted Range [5%,95%]



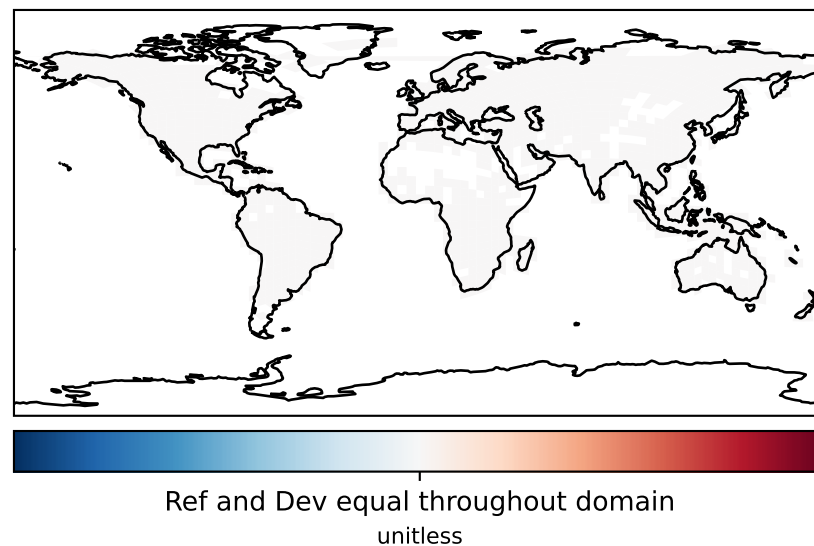
Zero throughout domain  
kg/m<sup>2</sup>/s

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

Ratio  
Dev/Ref, Dynamic Range



Ratio  
Dev/Ref, Fixed Range

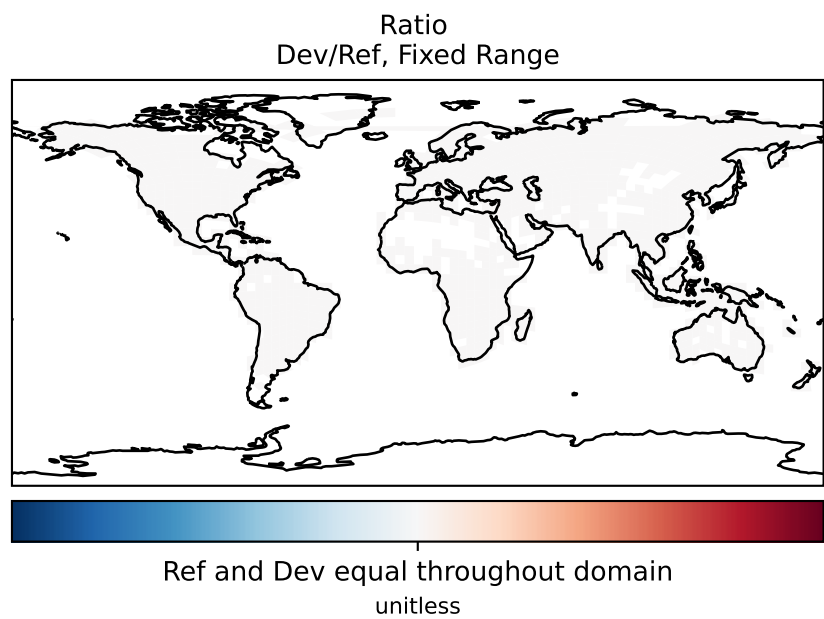
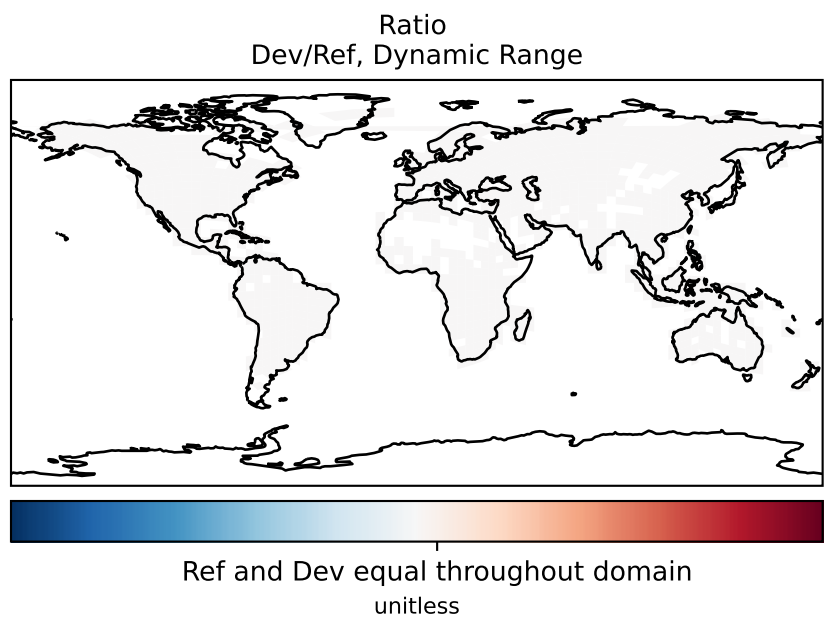
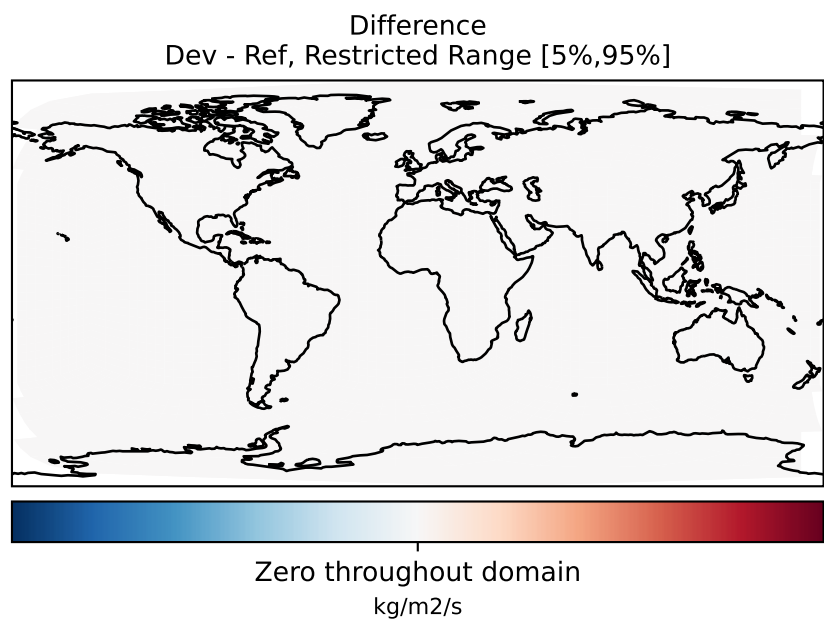
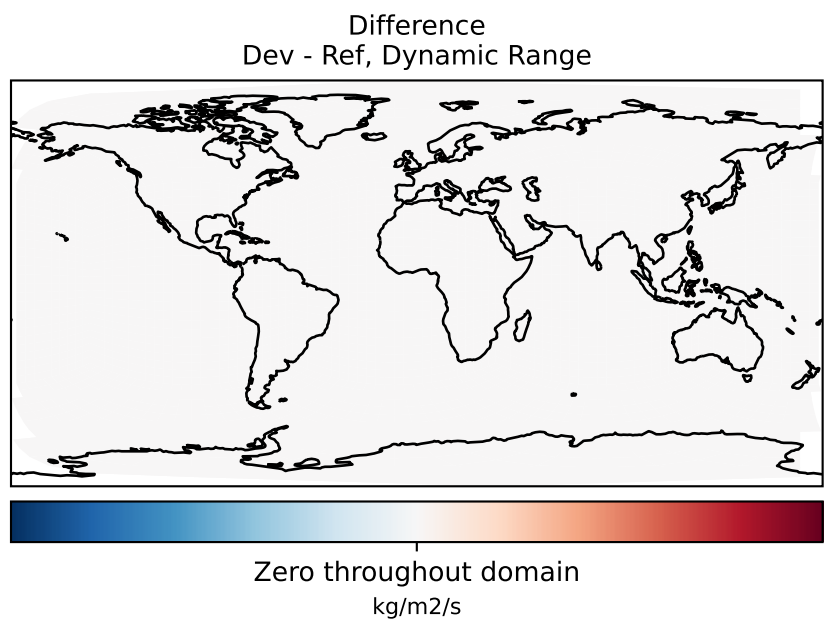
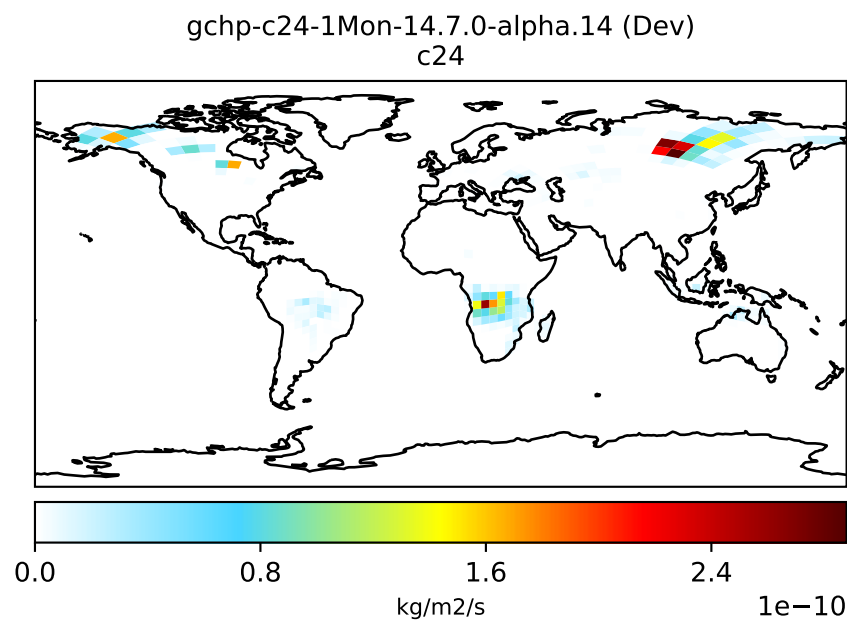
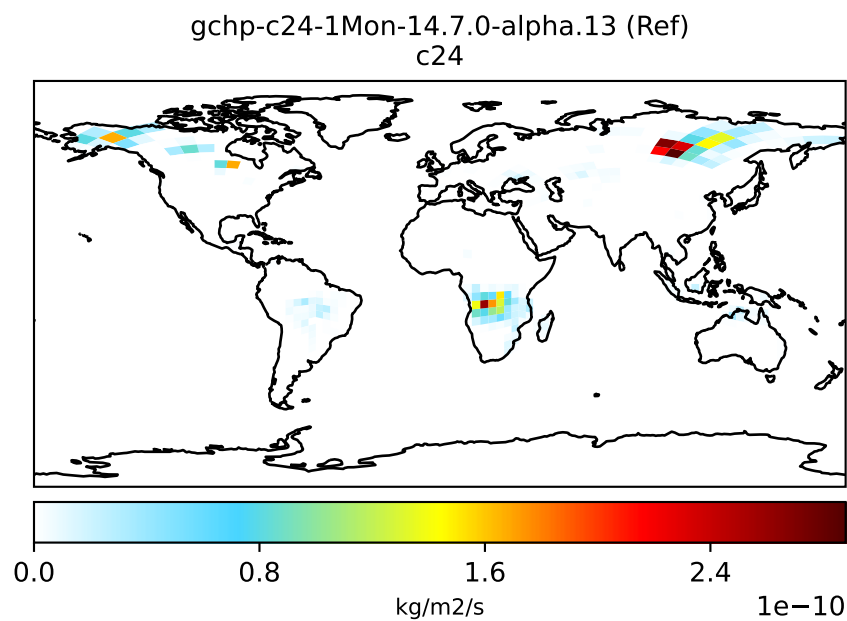


Ref and Dev equal throughout domain  
unitless

Ref and Dev equal throughout domain  
unitless

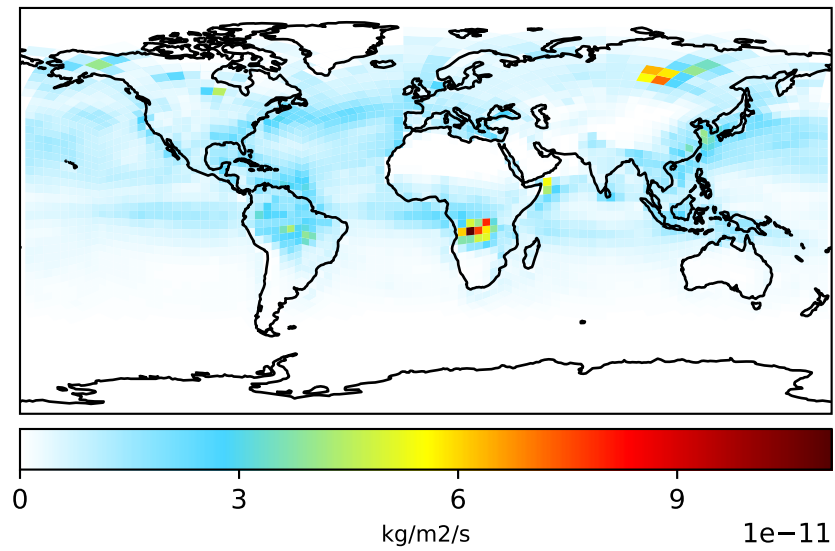


# EmisACTA\_Total

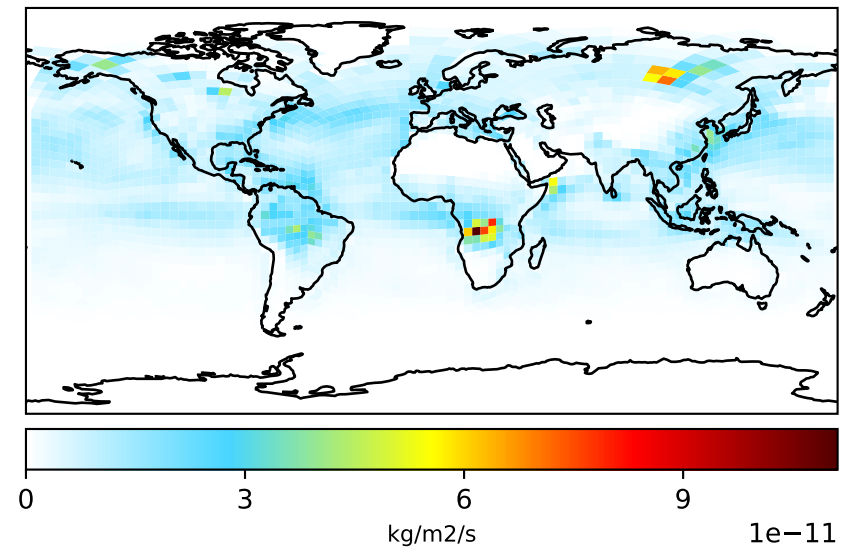


# EmisALD2\_Total

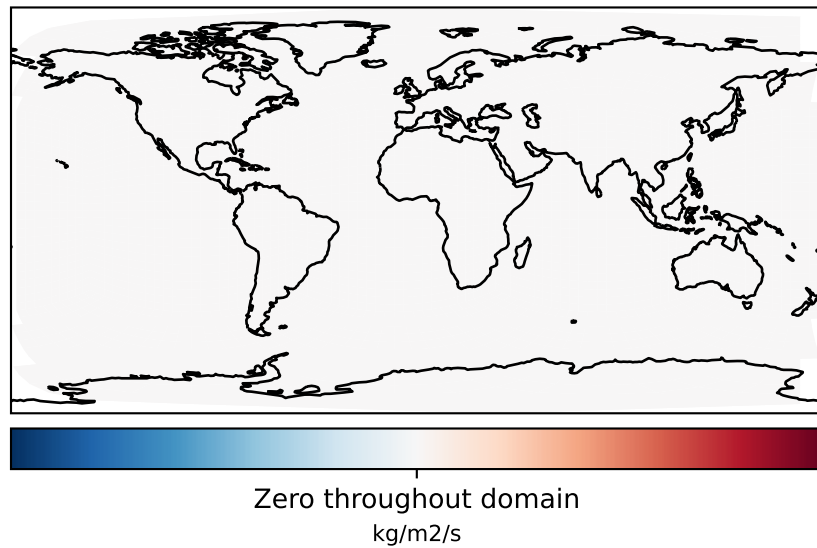
gchp-c24-1Mon-14.7.0-alpha.13 (Ref)  
c24



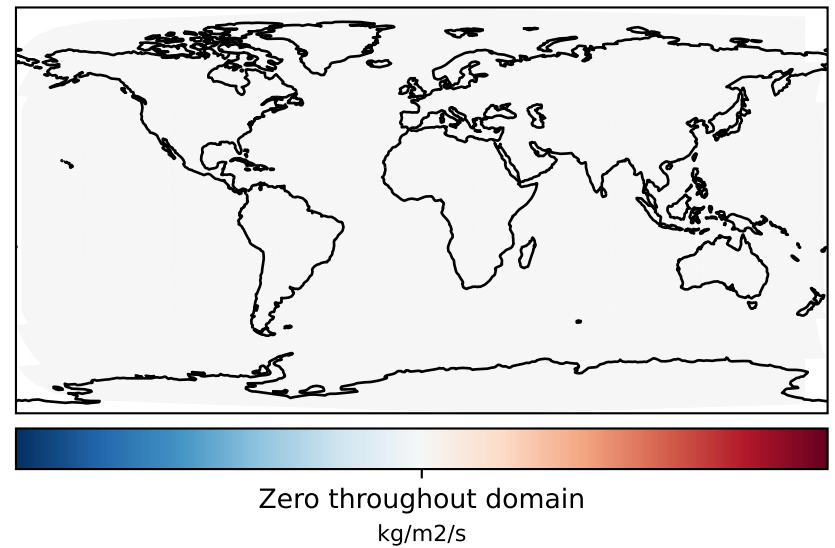
gchp-c24-1Mon-14.7.0-alpha.14 (Dev)  
c24



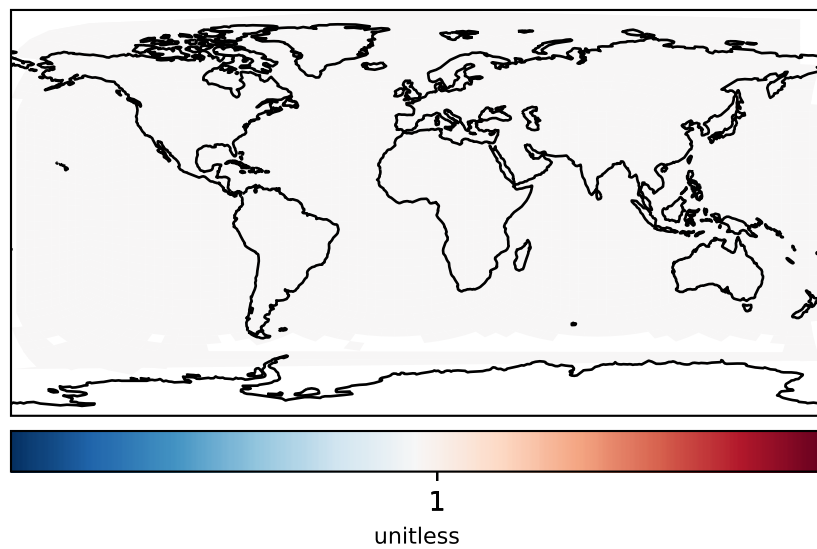
Difference  
Dev - Ref, Dynamic Range



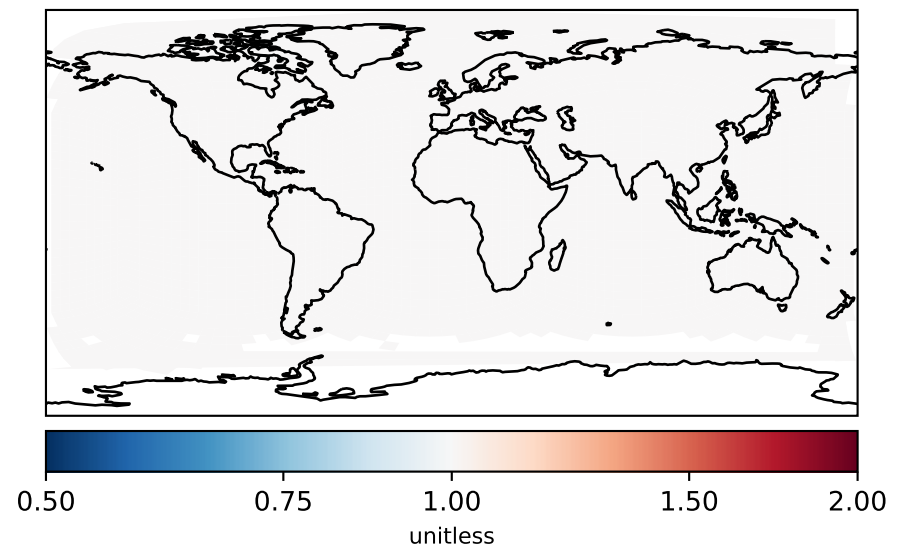
Difference  
Dev - Ref, Restricted Range [5%,95%]



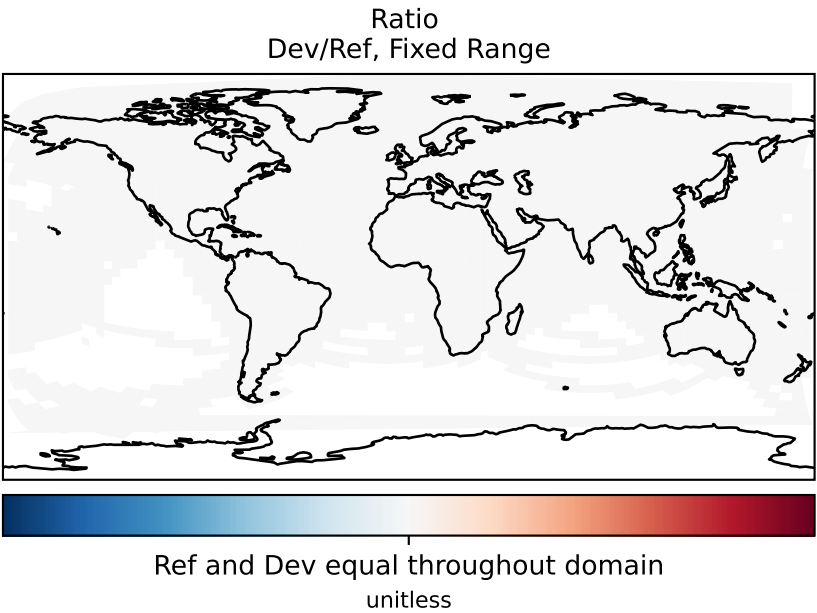
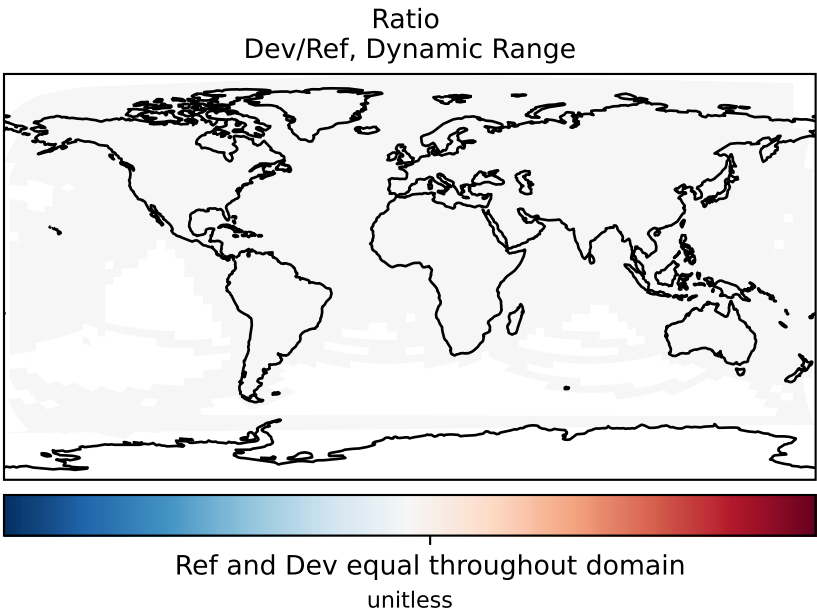
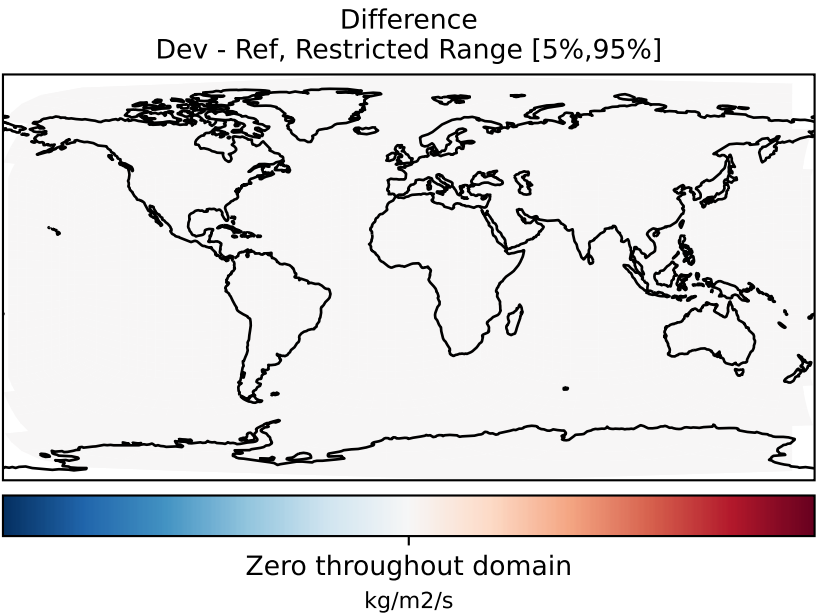
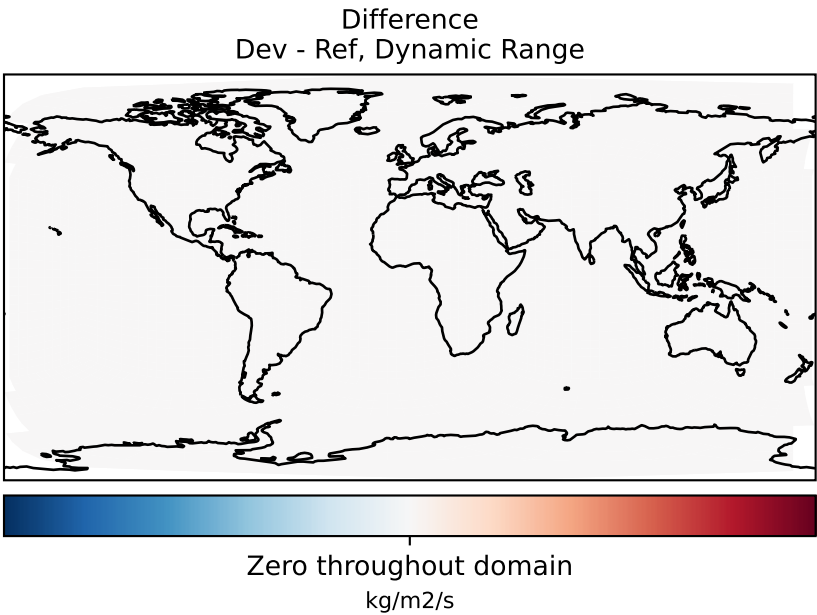
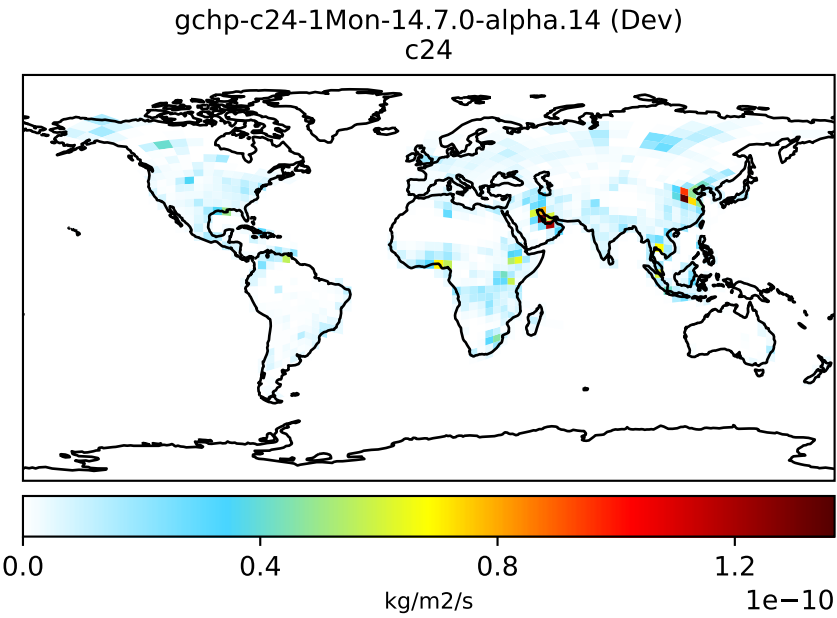
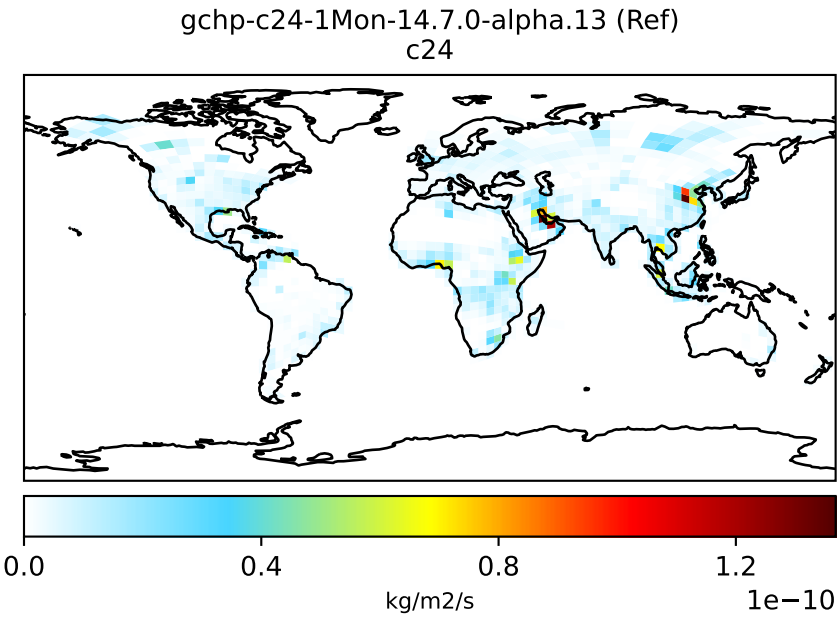
Ratio  
Dev/Ref, Dynamic Range



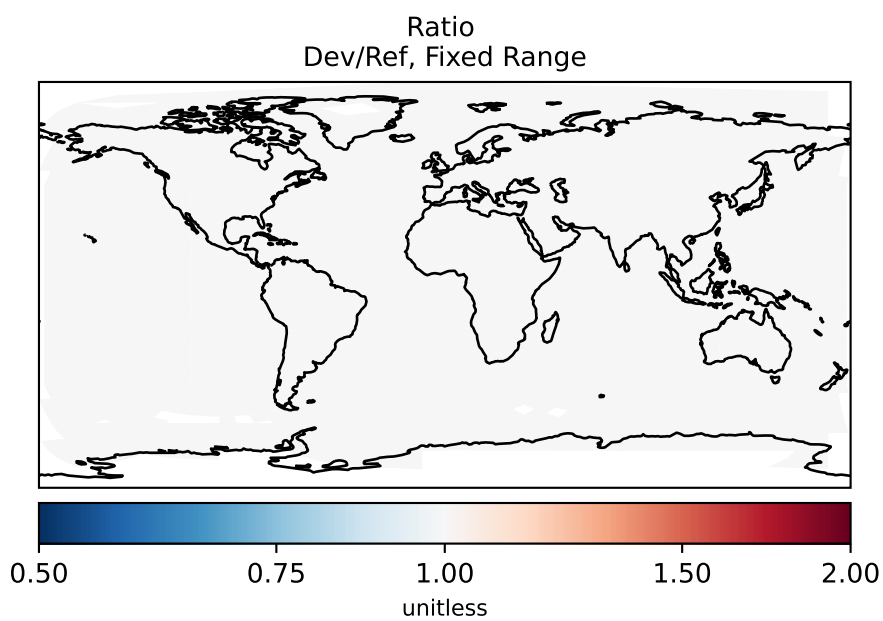
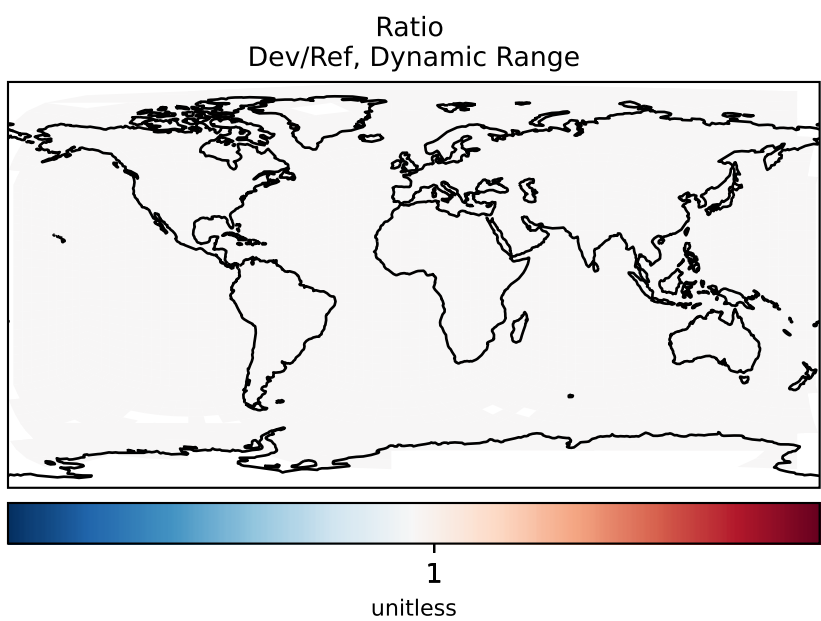
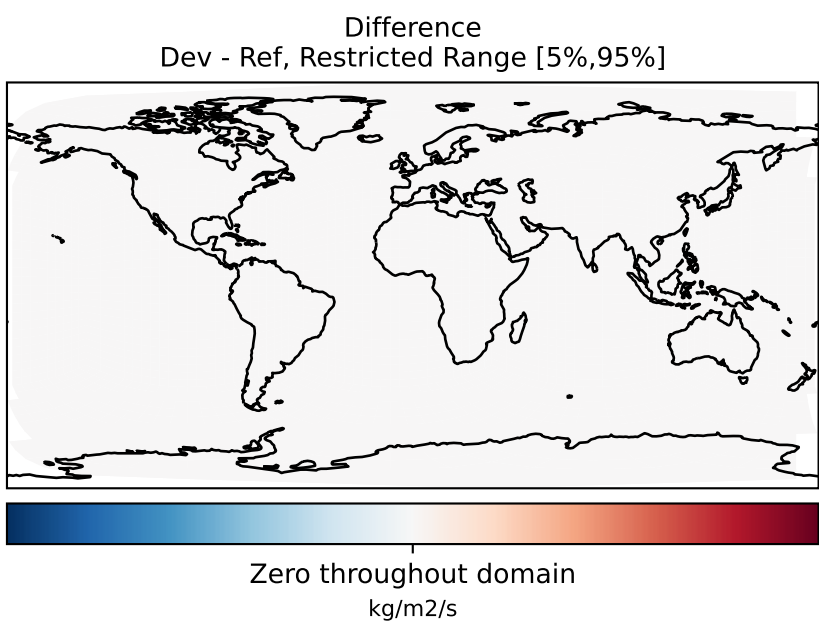
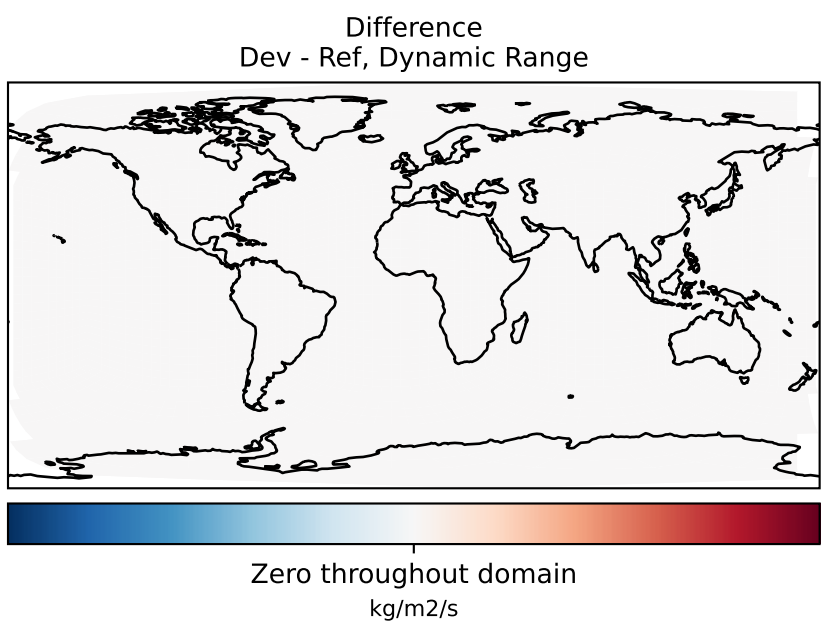
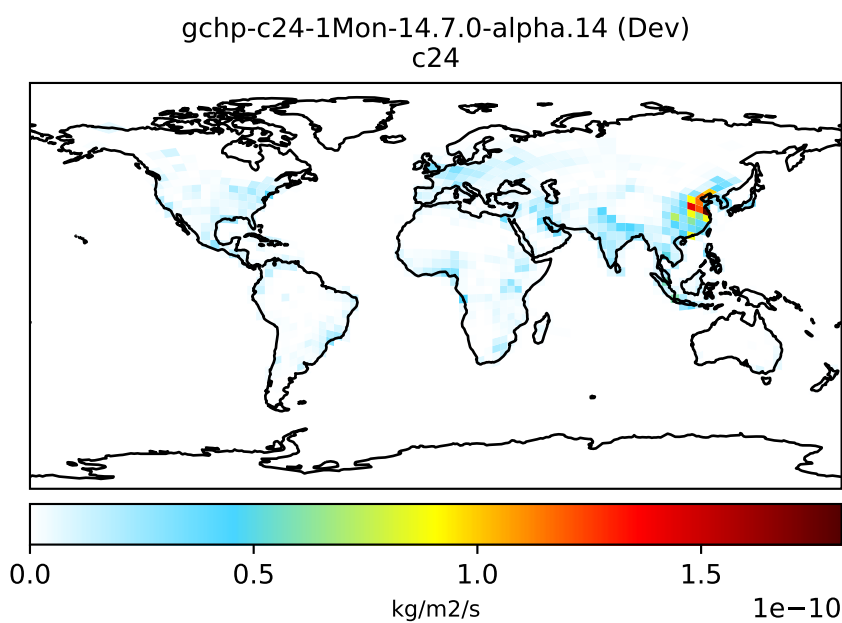
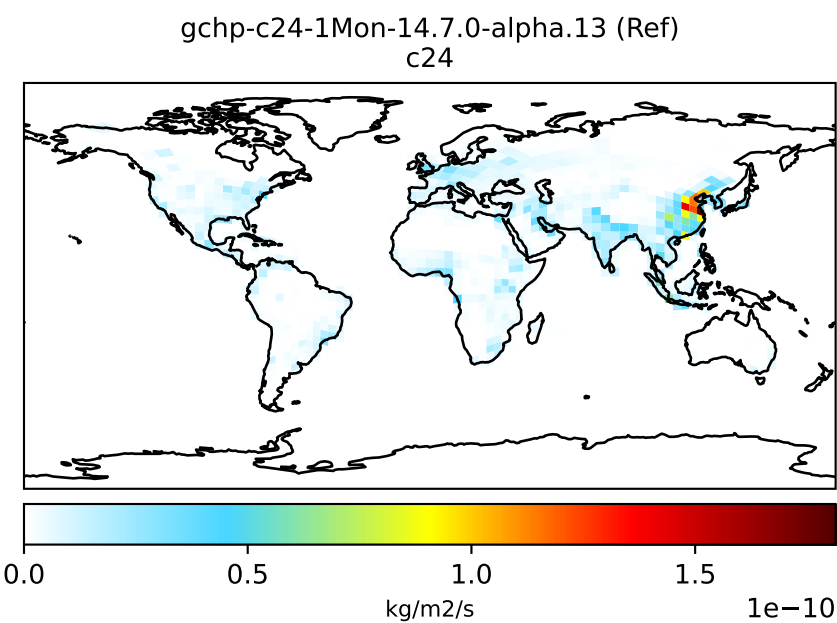
Ratio  
Dev/Ref, Fixed Range



# EmisALK4\_Total



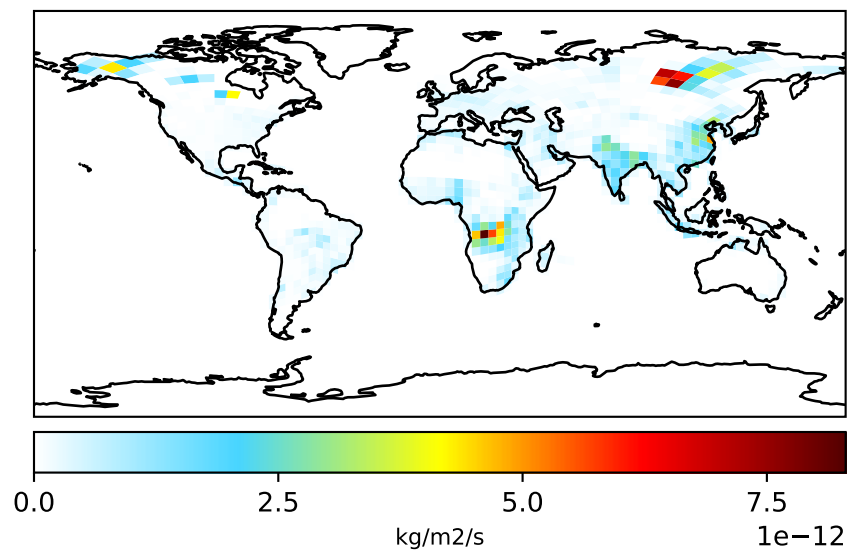
# EmisALK6\_Total



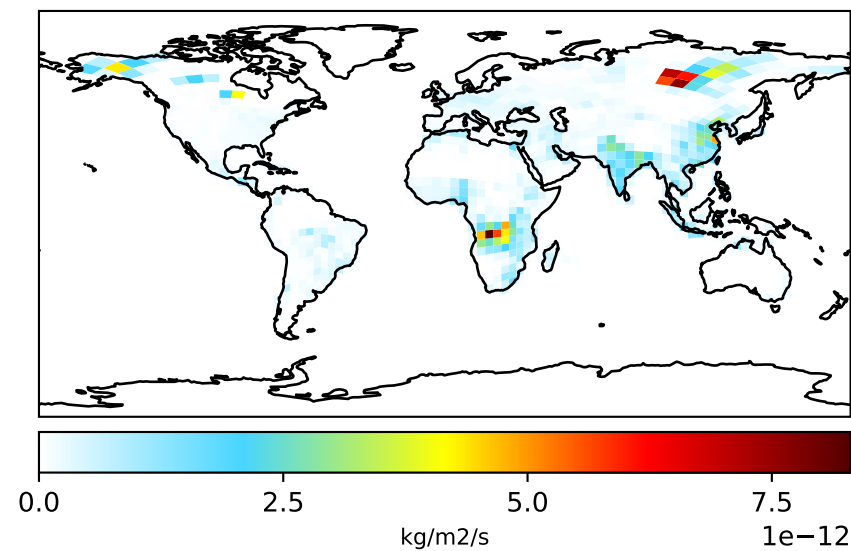


# EmisBCPI\_Total

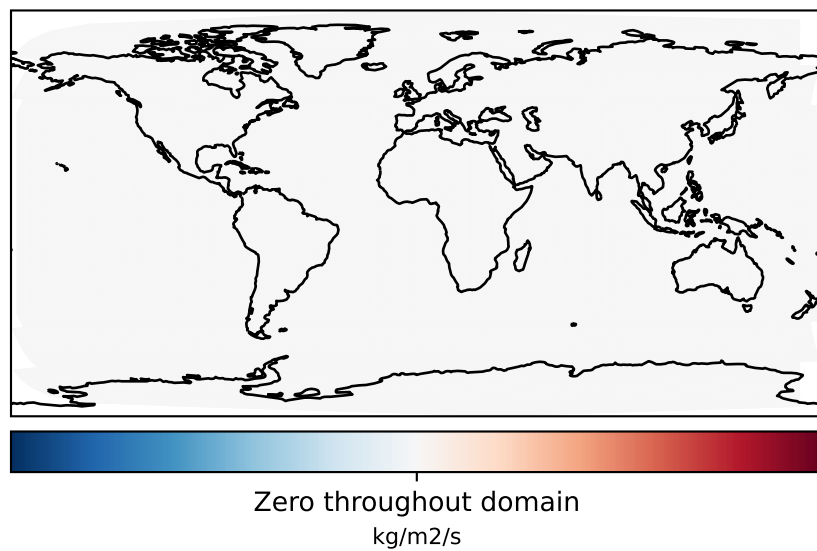
gchp-c24-1Mon-14.7.0-alpha.13 (Ref)  
c24



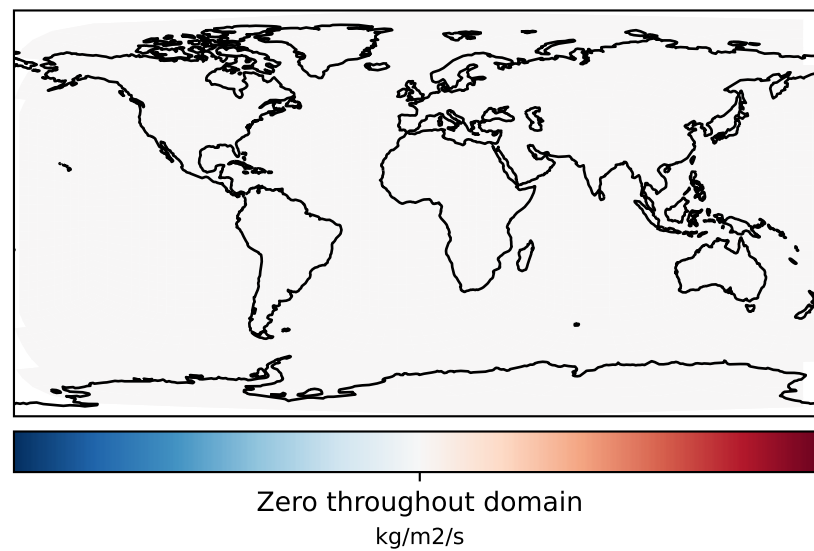
gchp-c24-1Mon-14.7.0-alpha.14 (Dev)  
c24



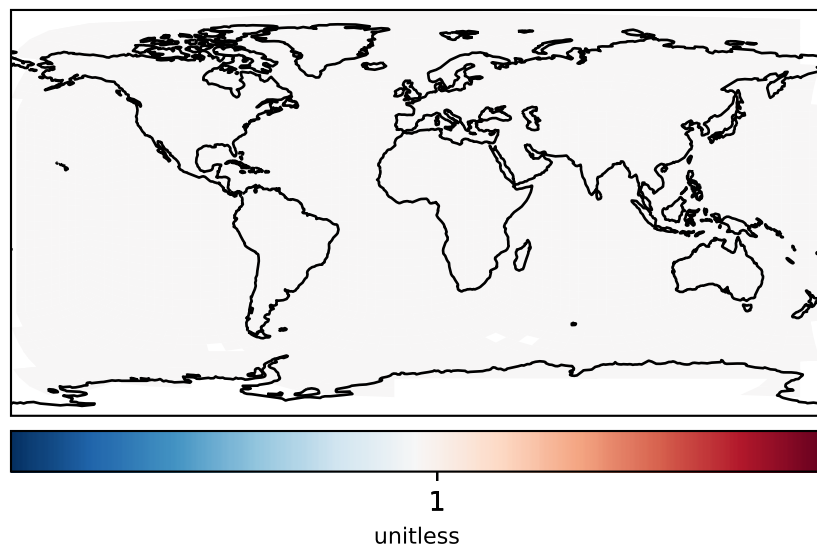
Difference  
Dev - Ref, Dynamic Range



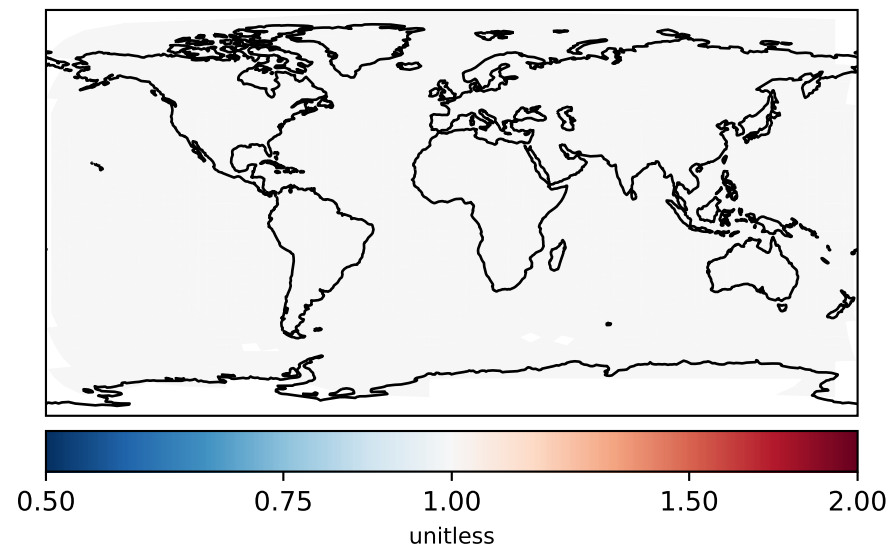
Difference  
Dev - Ref, Restricted Range [5%,95%]



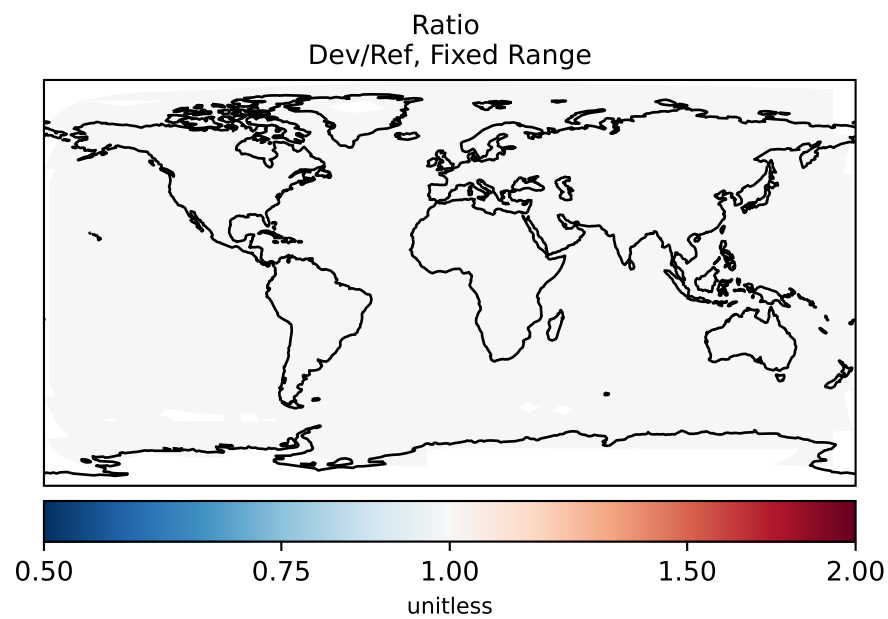
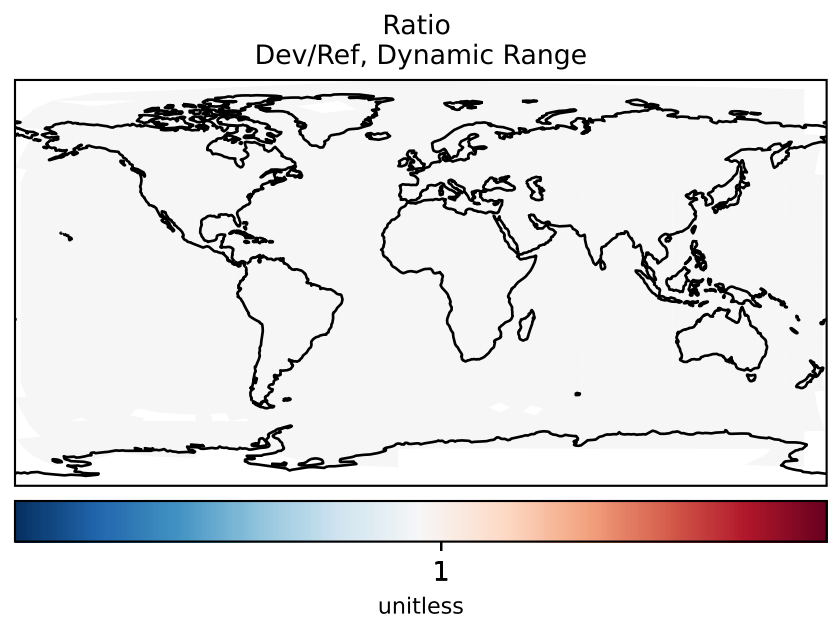
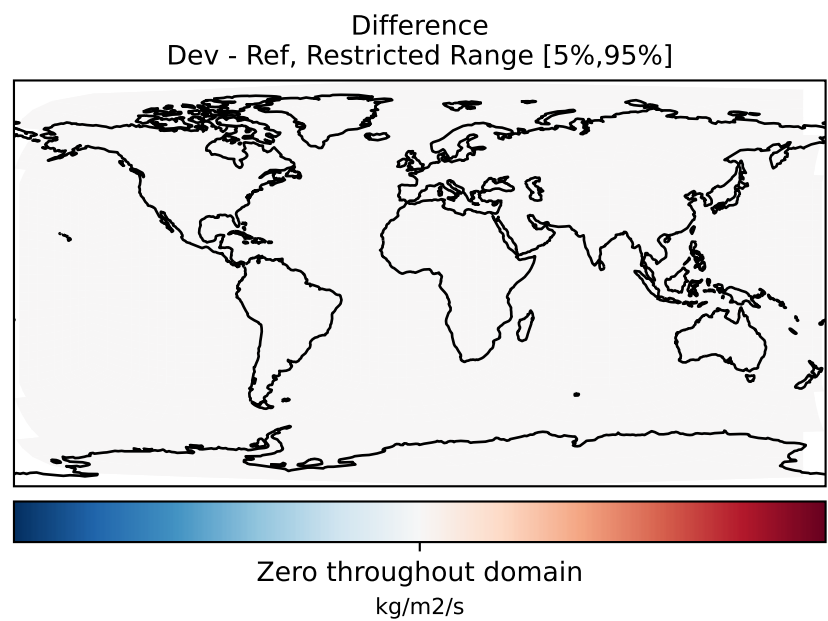
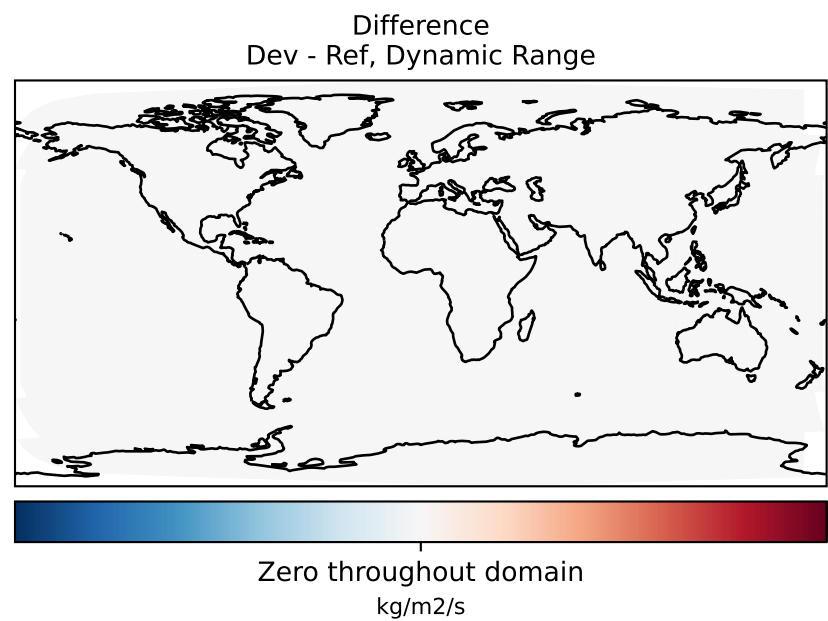
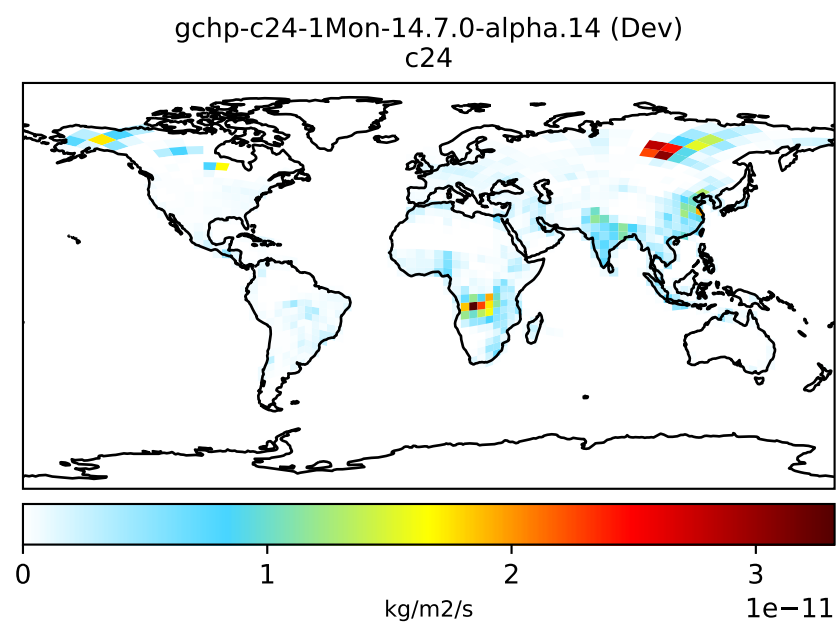
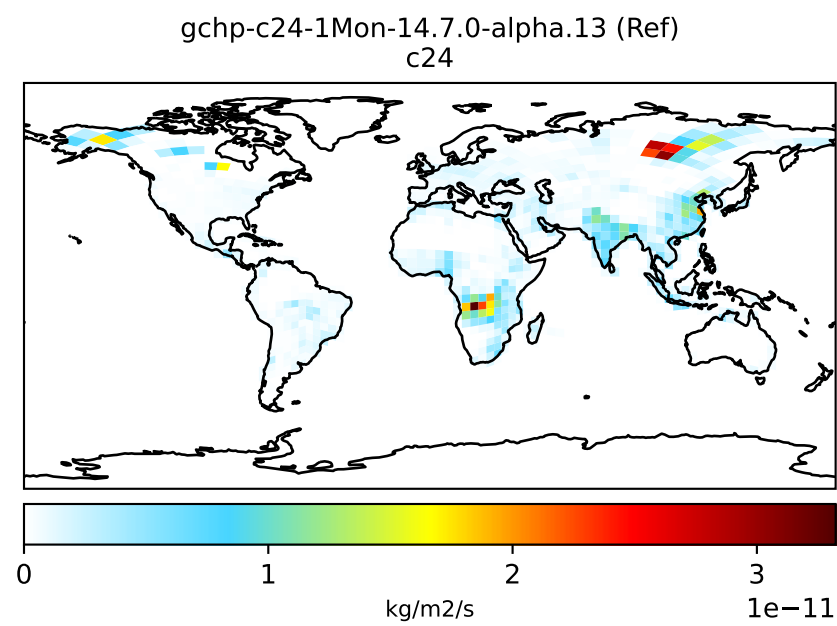
Ratio  
Dev/Ref, Dynamic Range



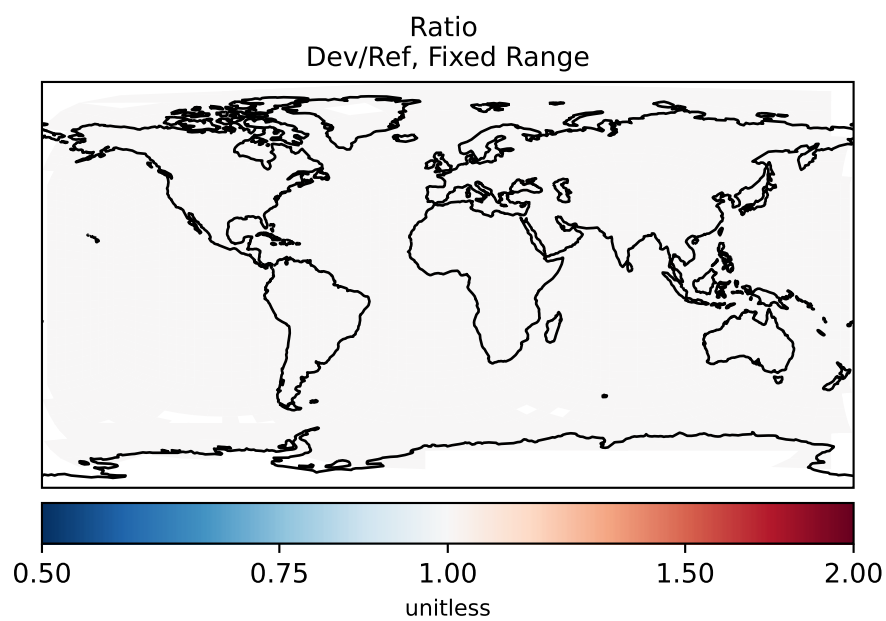
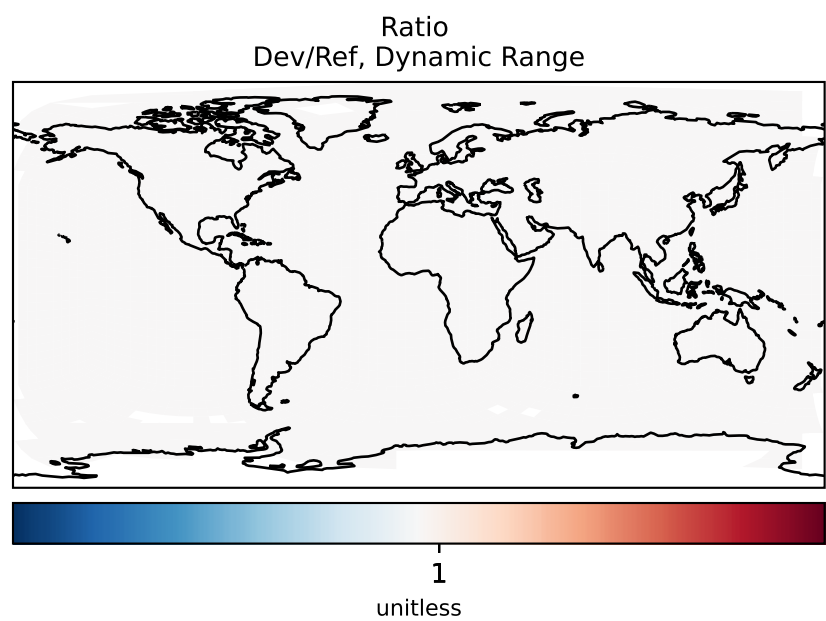
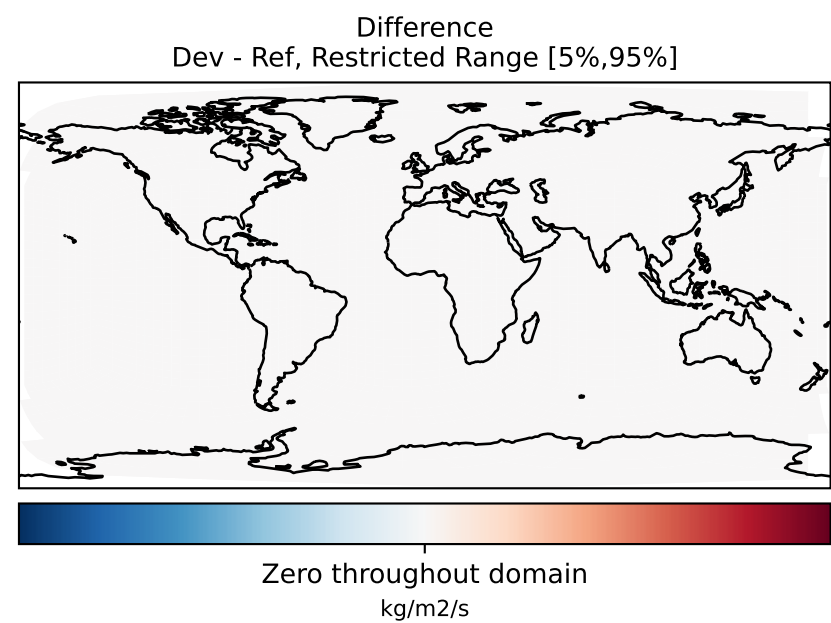
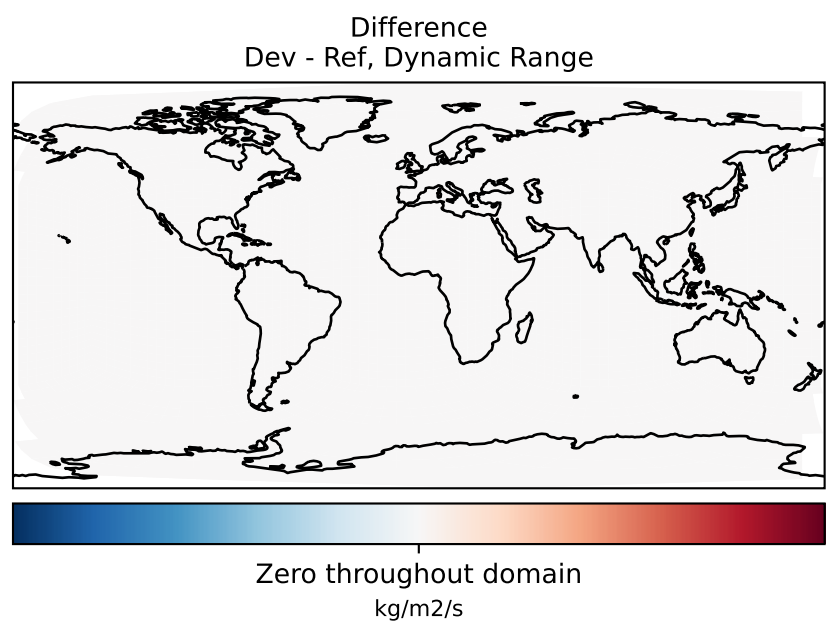
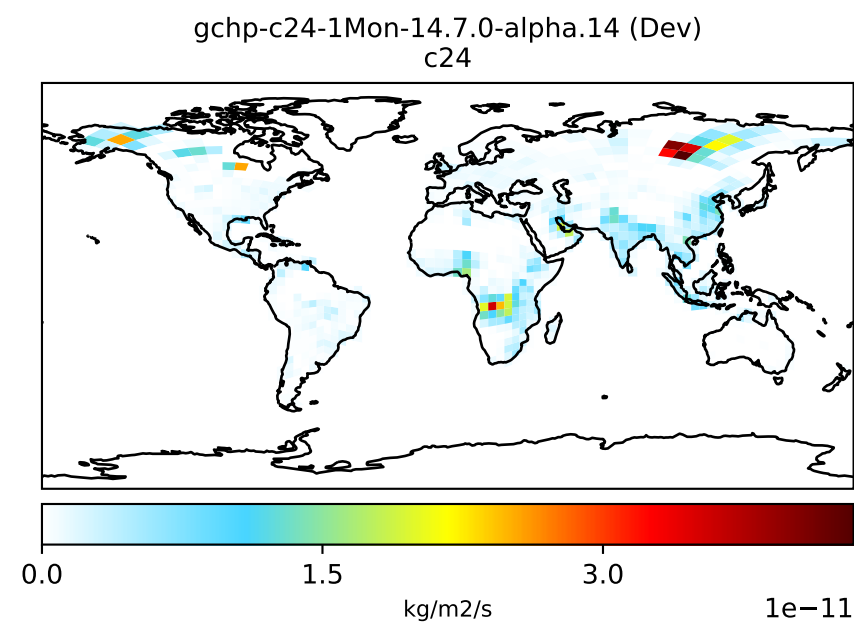
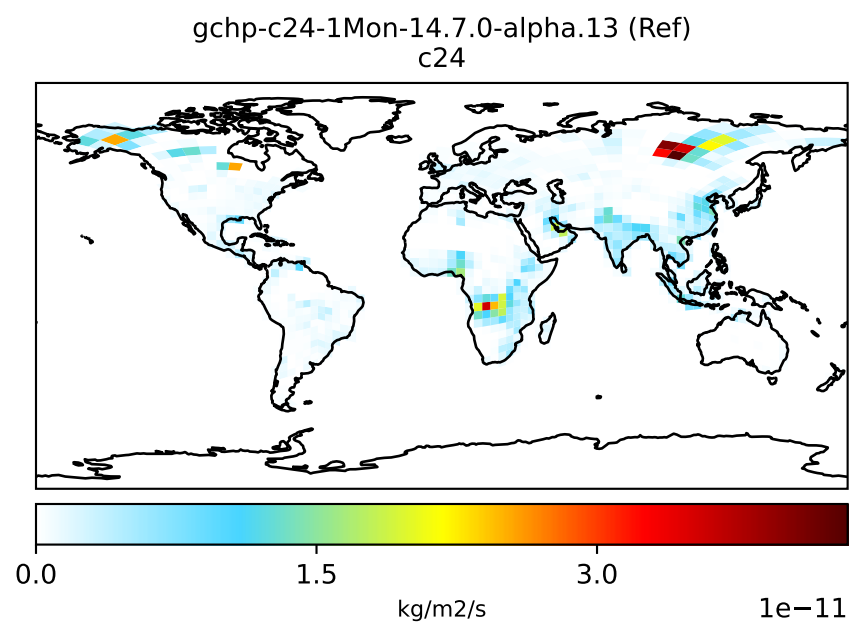
Ratio  
Dev/Ref, Fixed Range



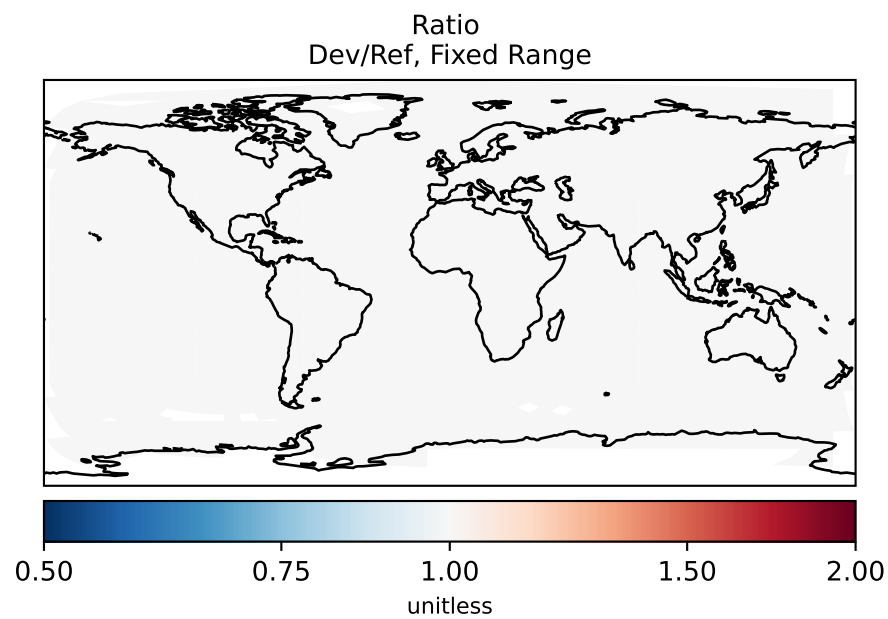
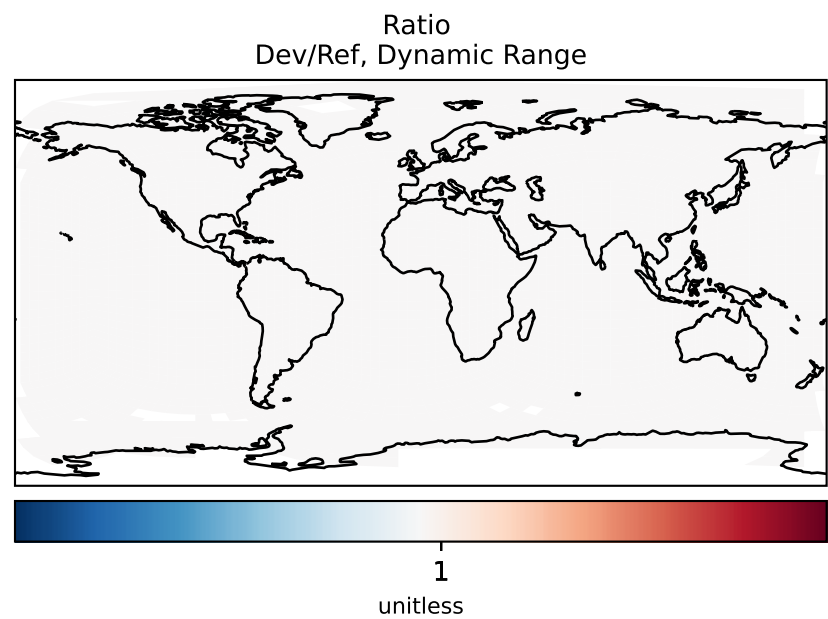
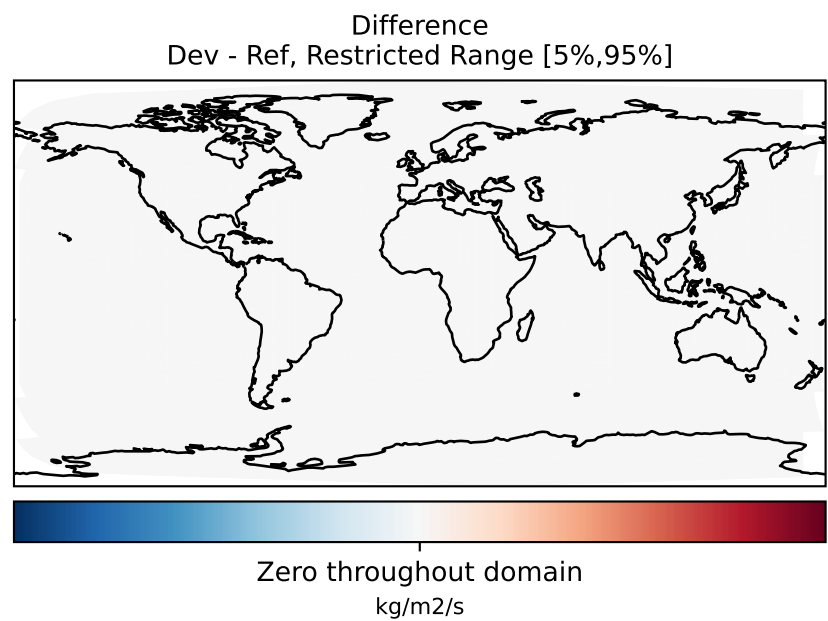
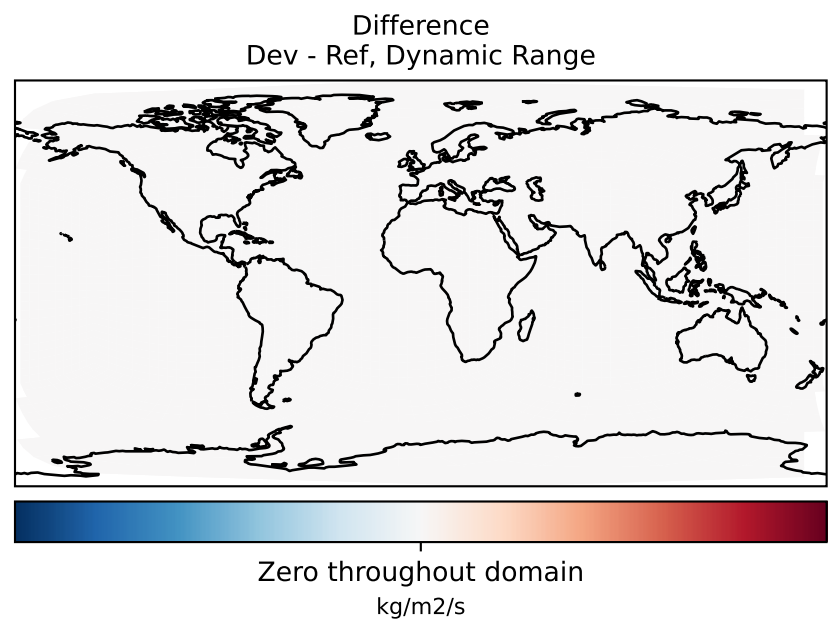
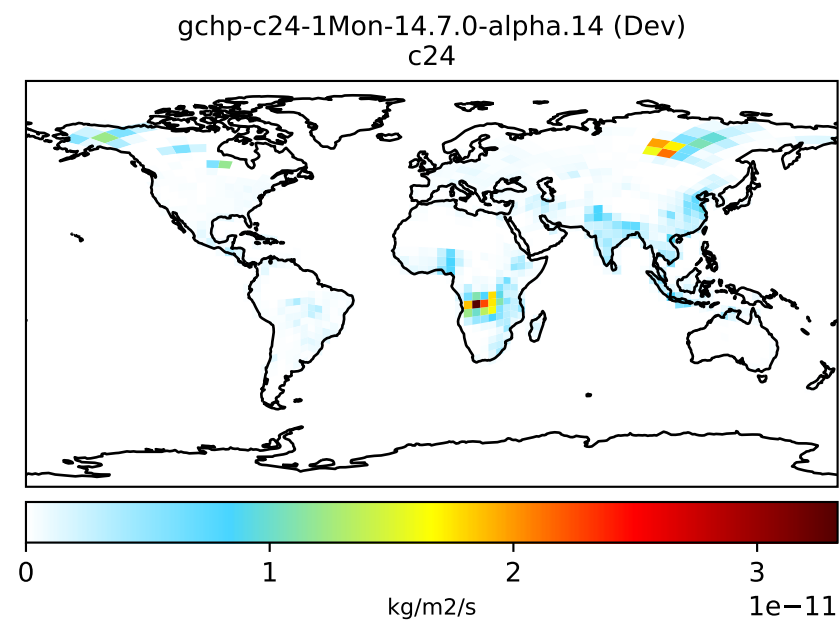
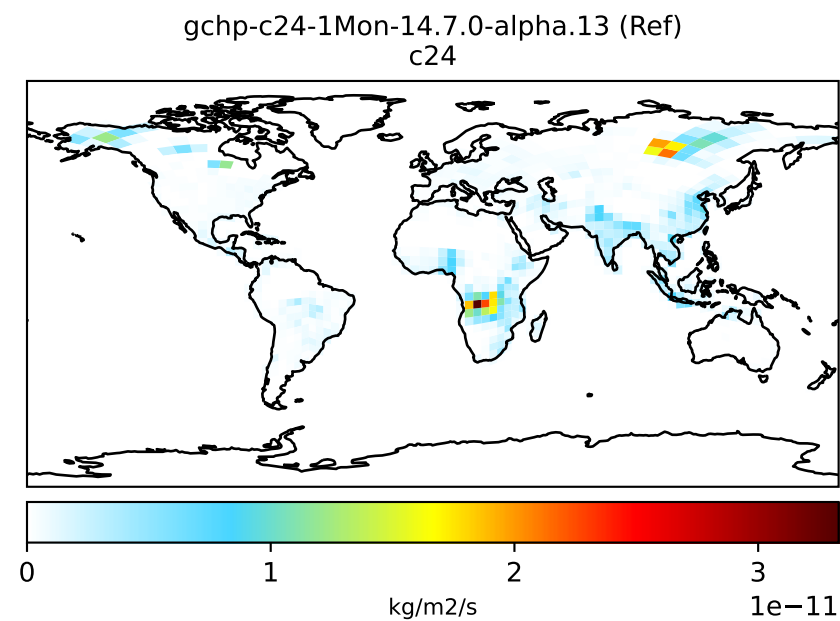
# EmisBCPO\_Total



# EmisBENZ\_Total



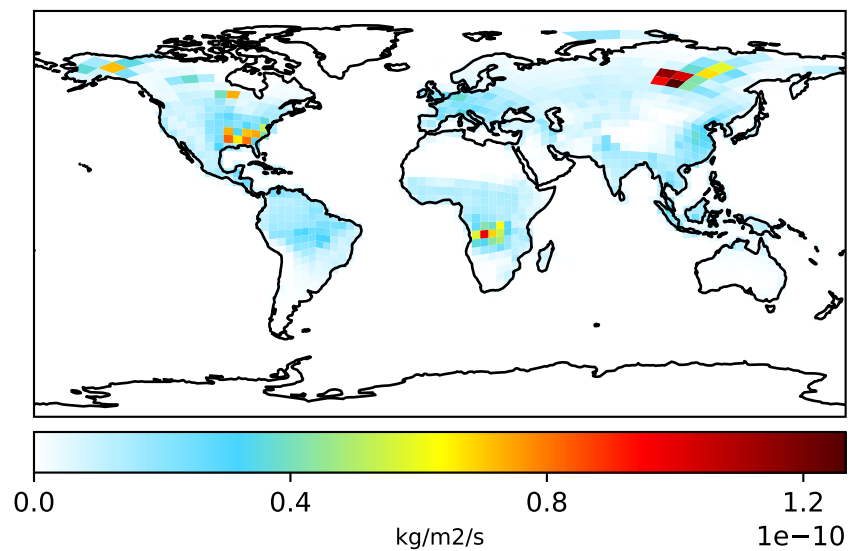
# EmisC2H2\_Total



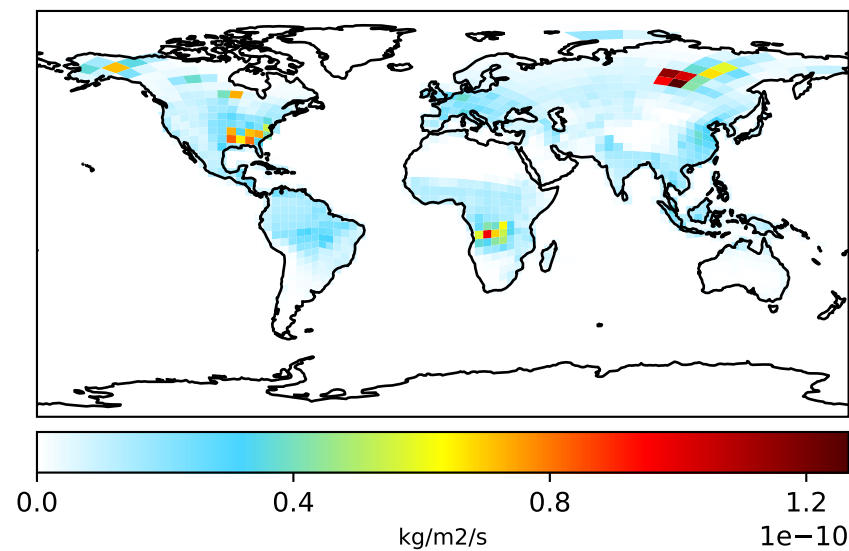


# EmisC2H4\_Total

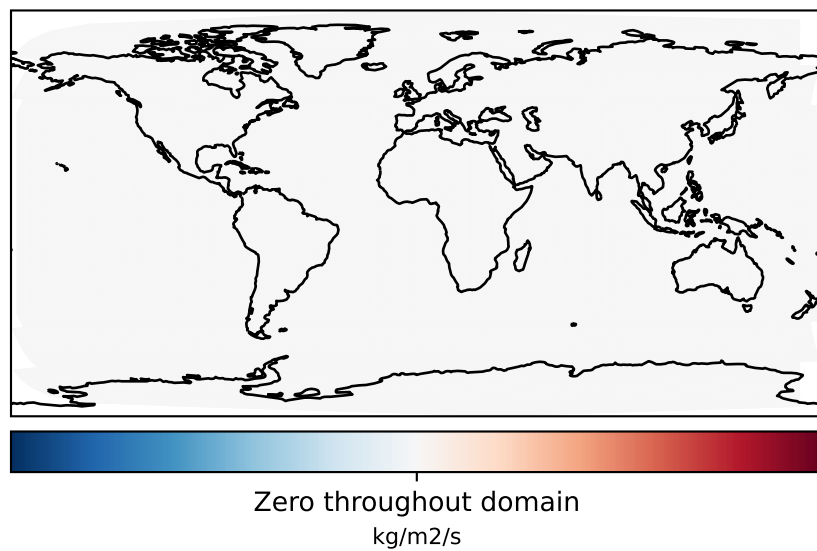
gchp-c24-1Mon-14.7.0-alpha.13 (Ref)  
c24



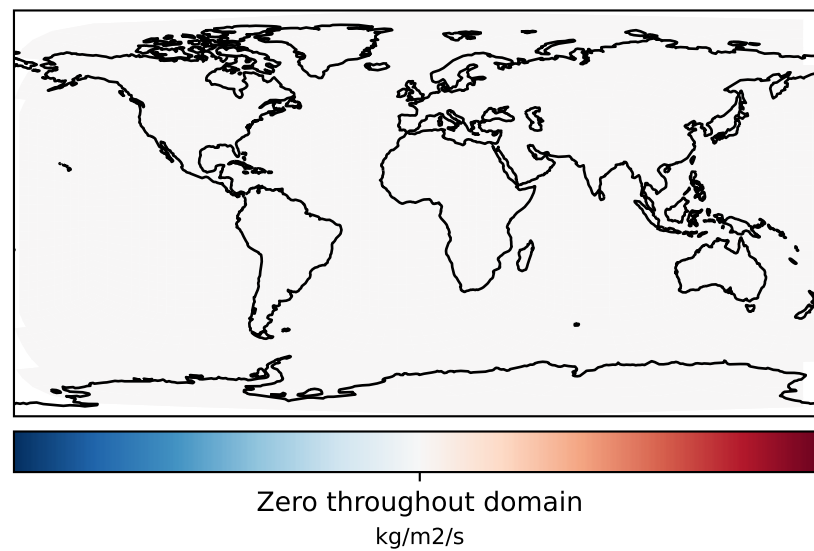
gchp-c24-1Mon-14.7.0-alpha.14 (Dev)  
c24



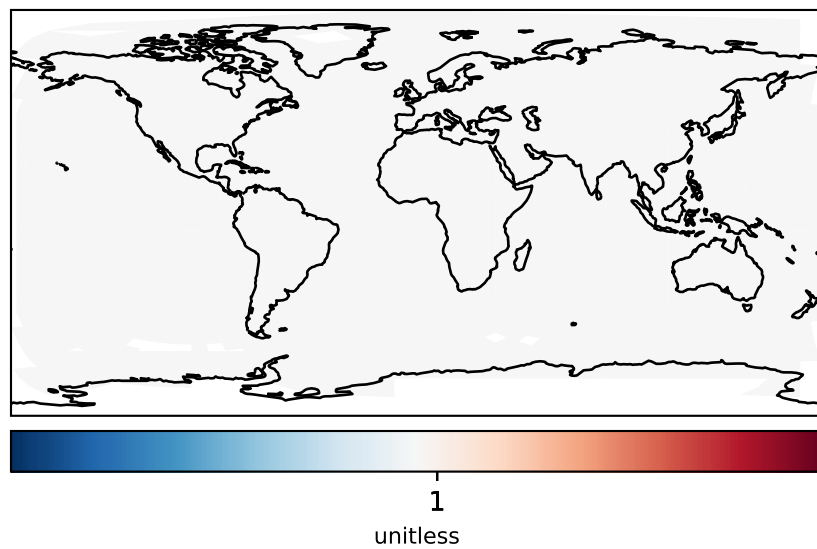
Difference  
Dev - Ref, Dynamic Range



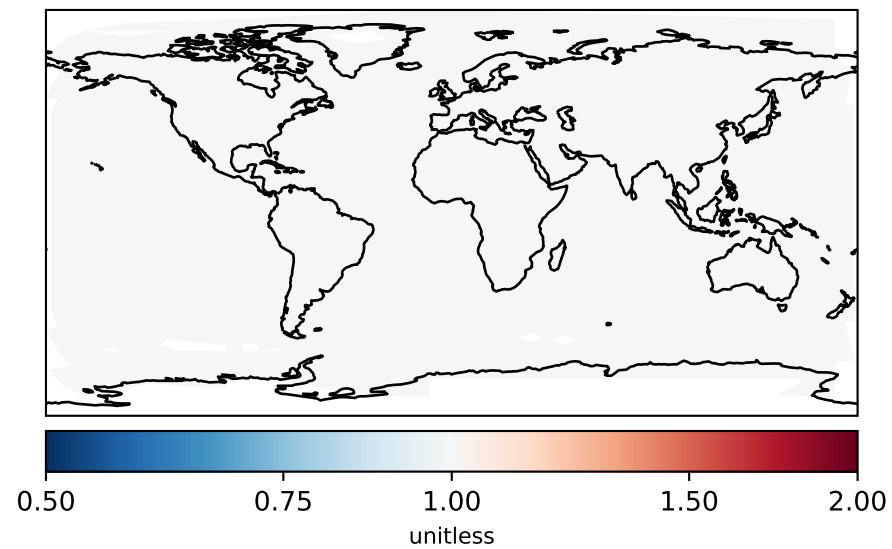
Difference  
Dev - Ref, Restricted Range [5%,95%]



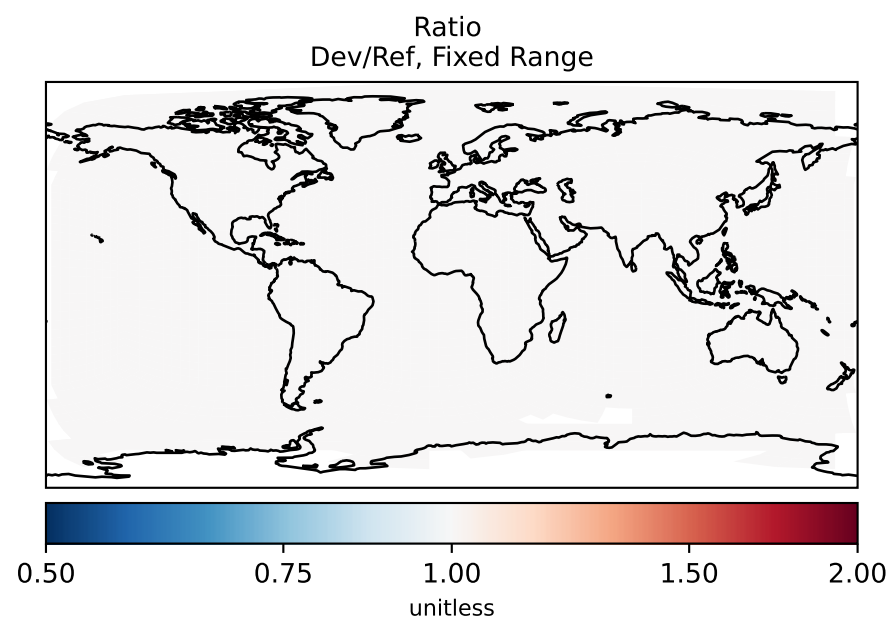
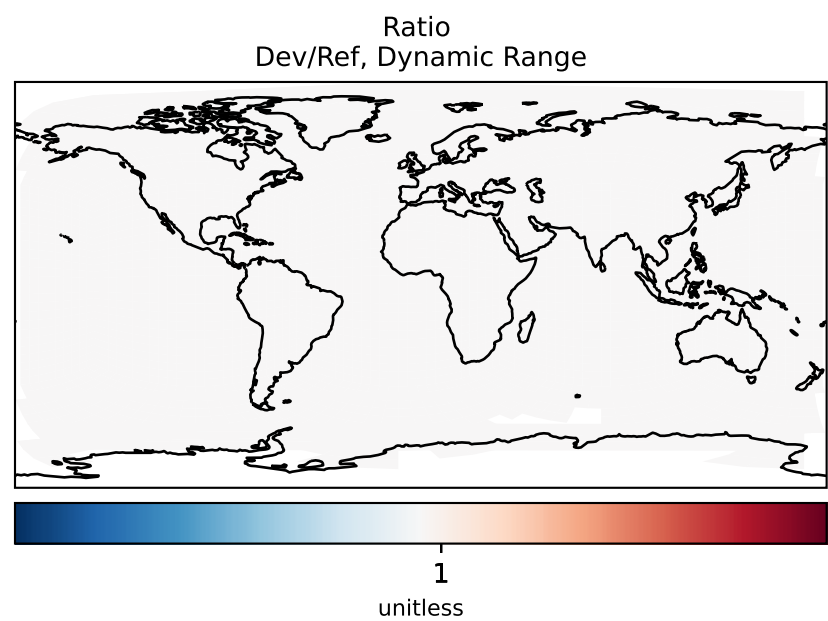
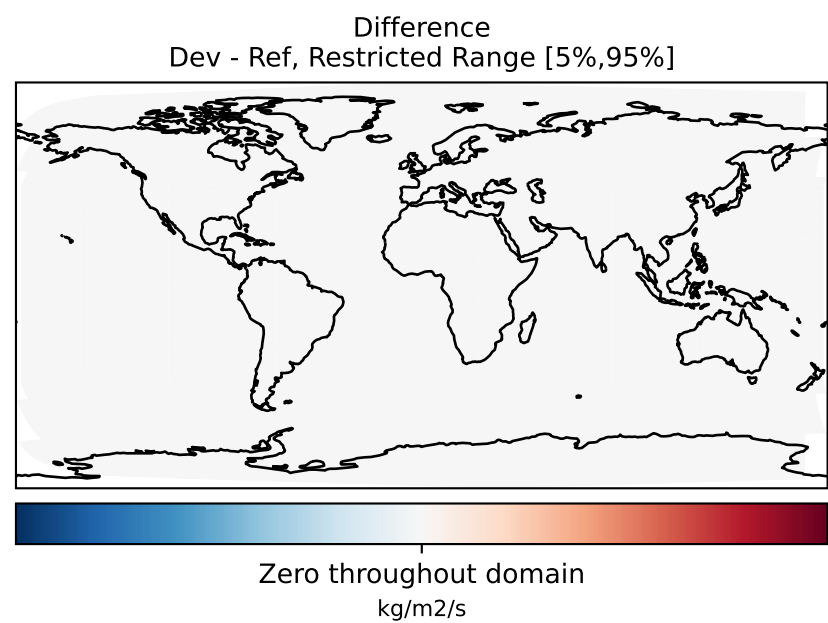
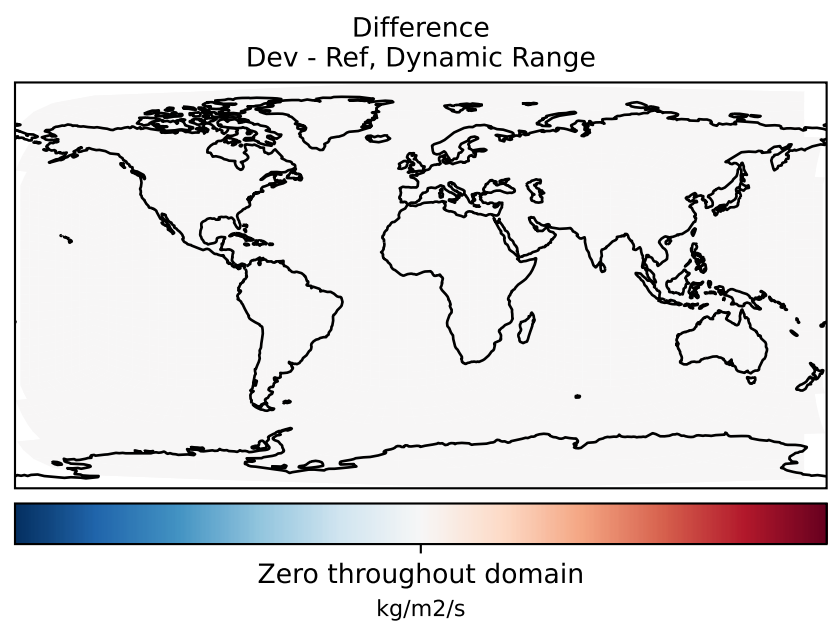
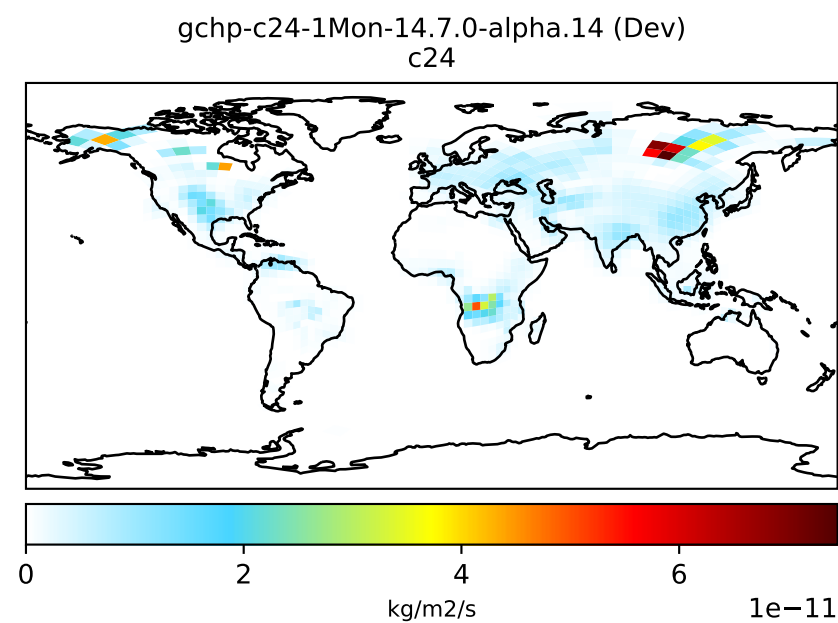
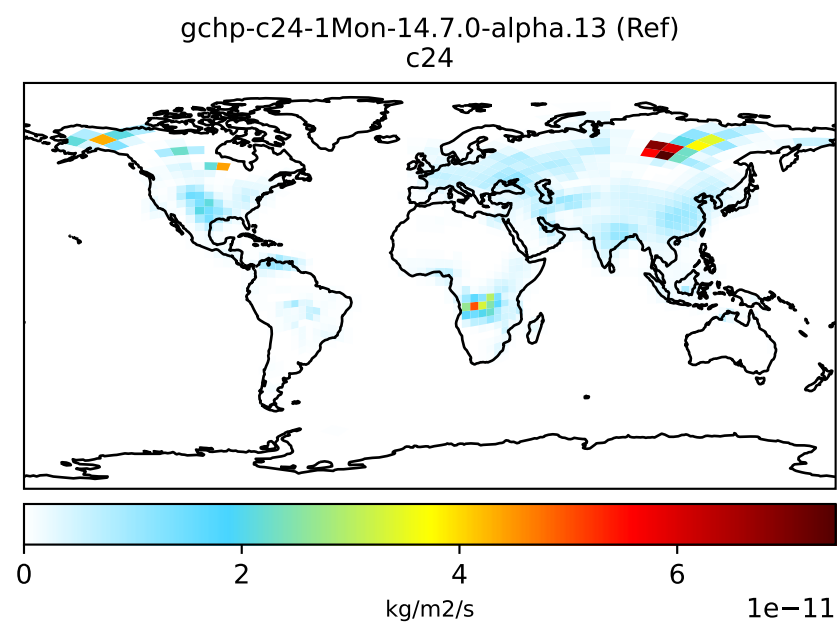
Ratio  
Dev/Ref, Dynamic Range



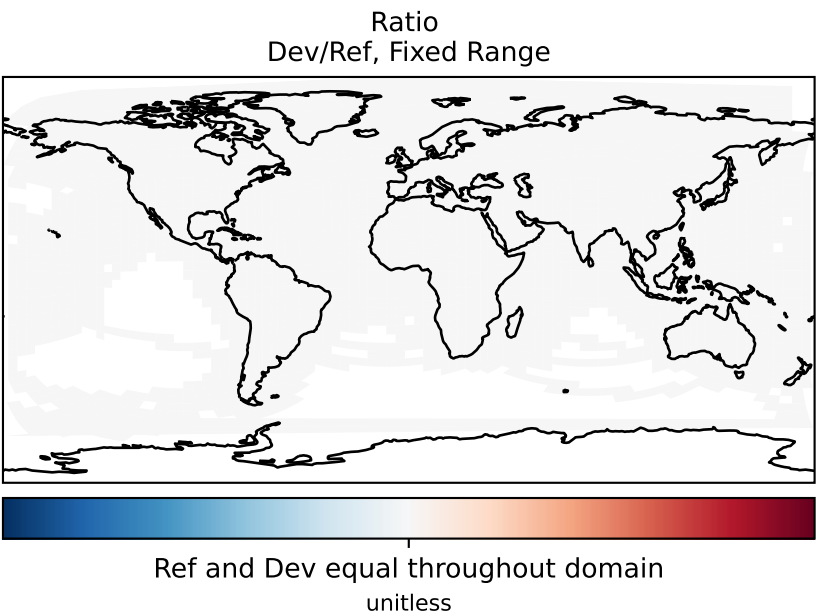
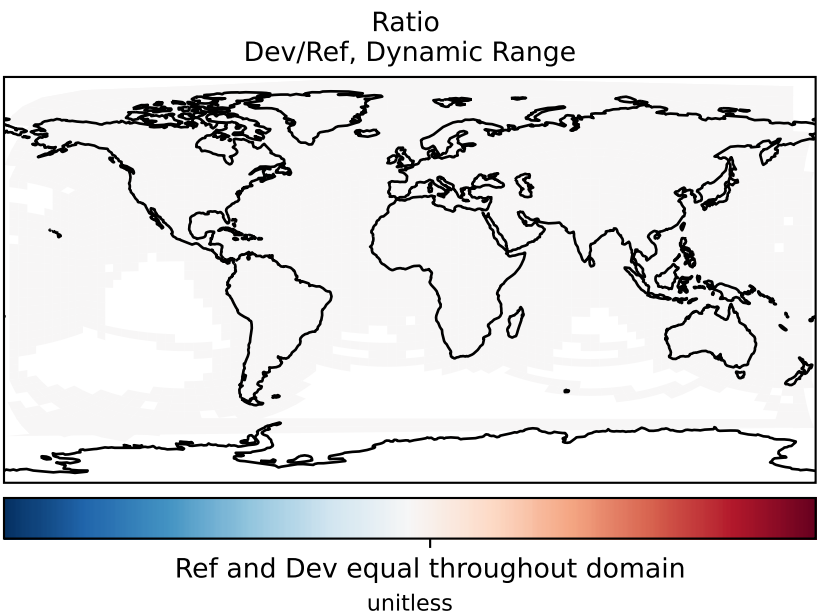
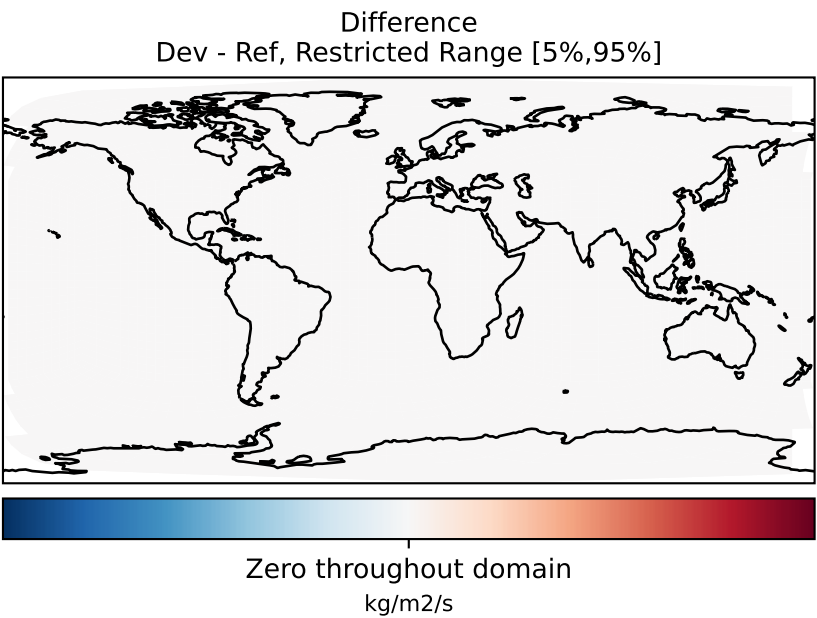
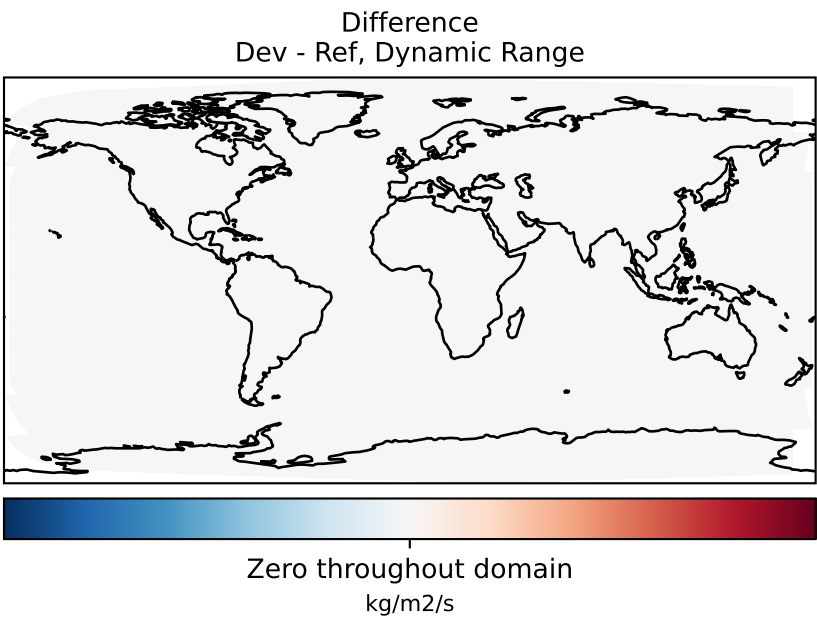
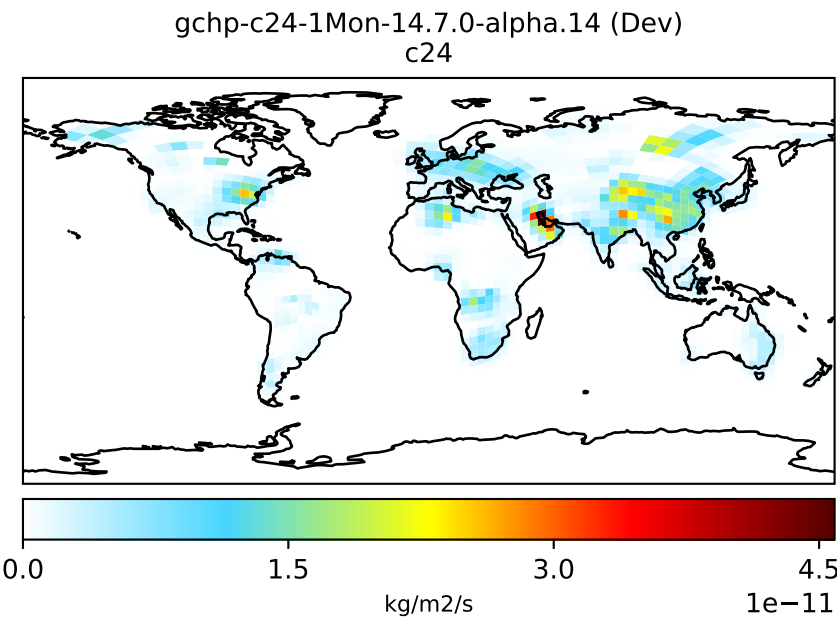
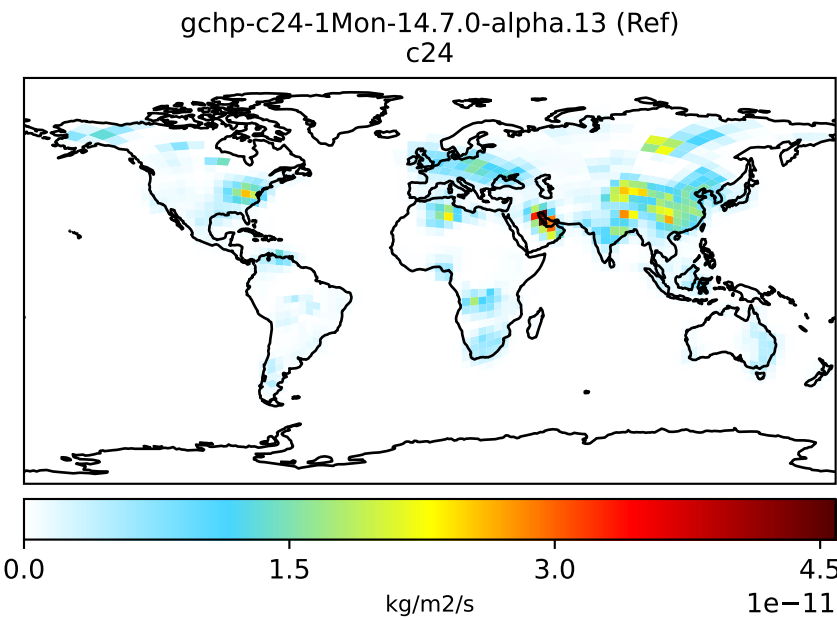
Ratio  
Dev/Ref, Fixed Range



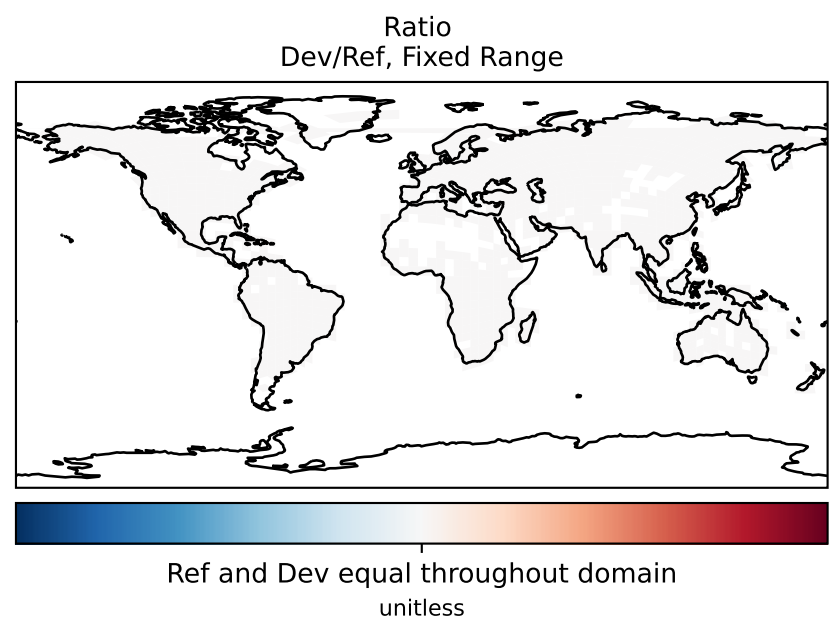
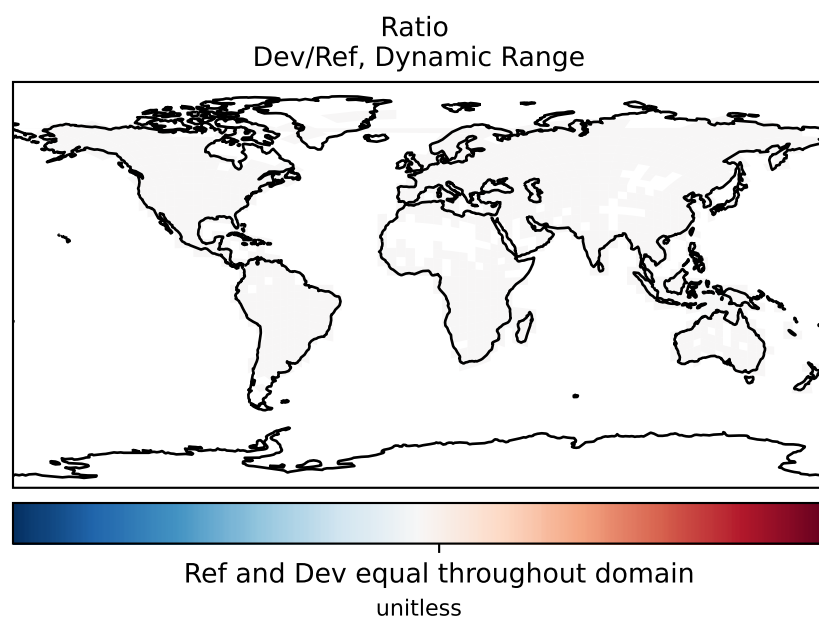
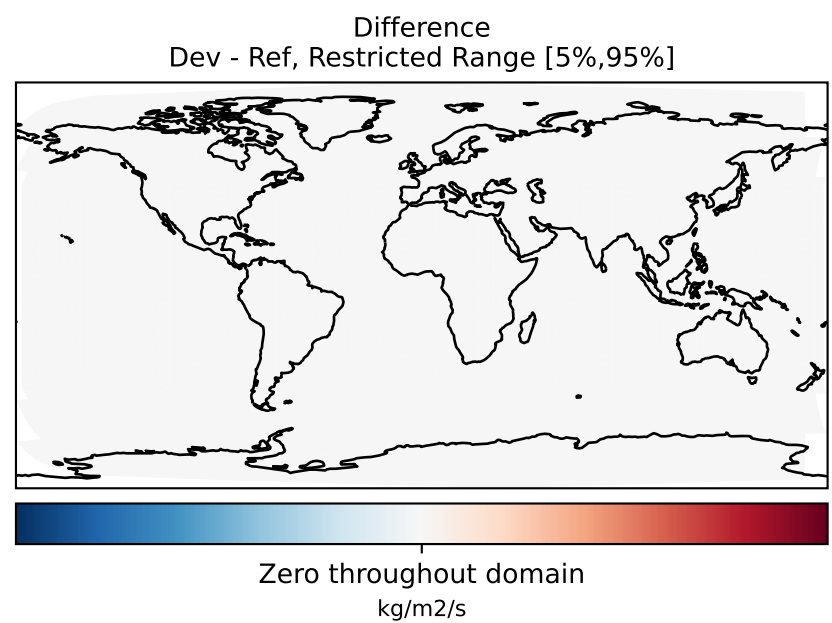
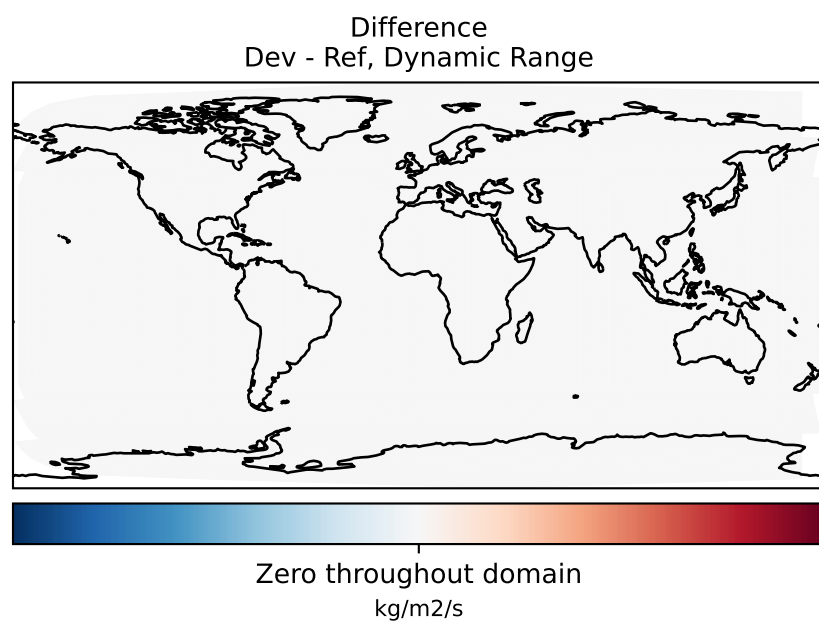
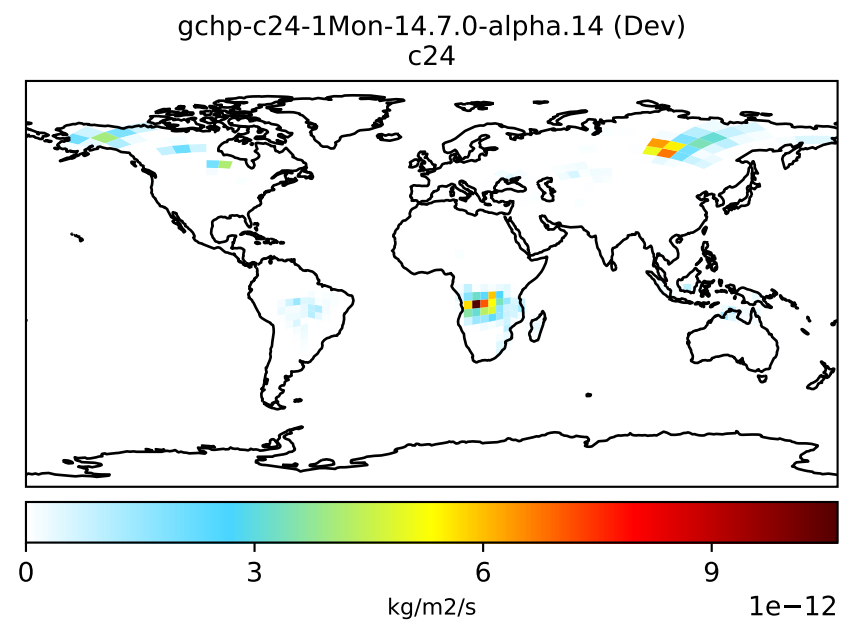
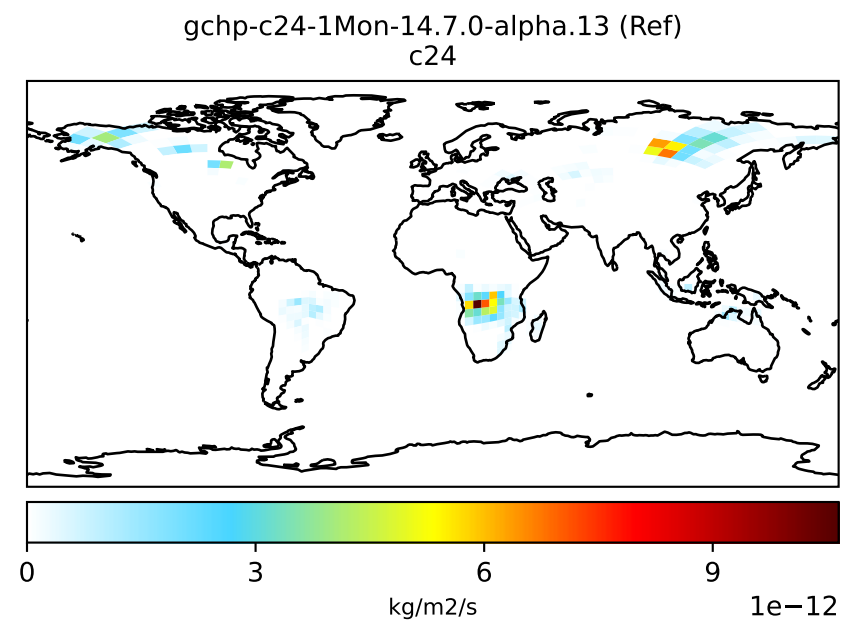
# EmisC2H6\_Total



# EmisC3H8\_Total

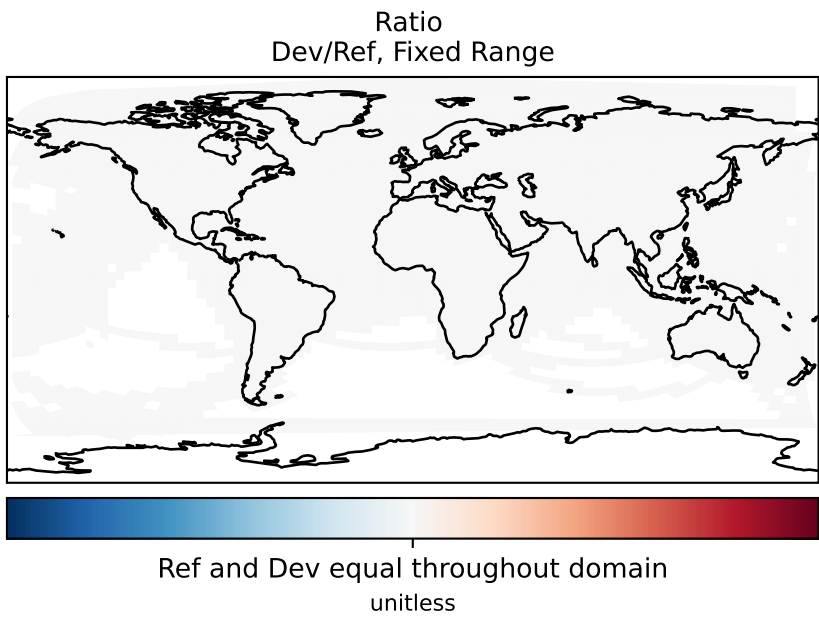
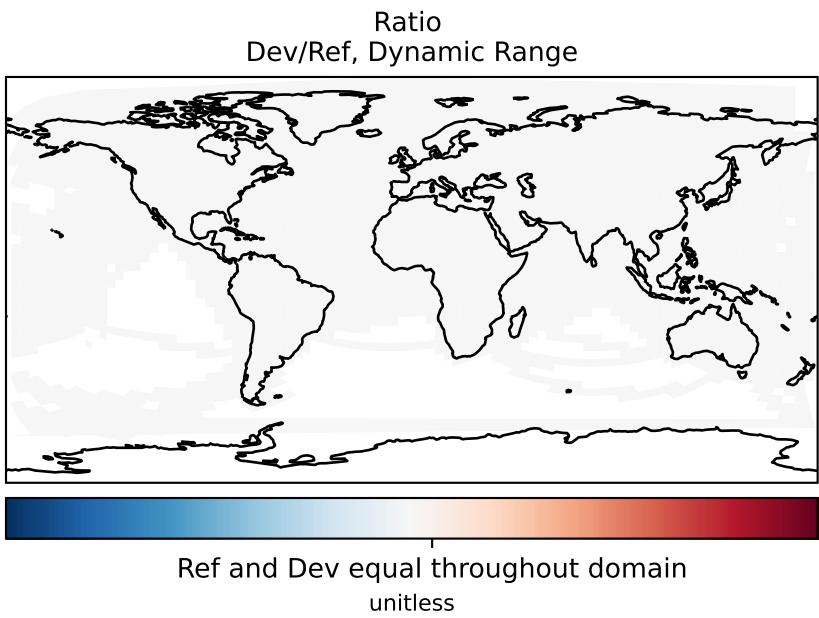
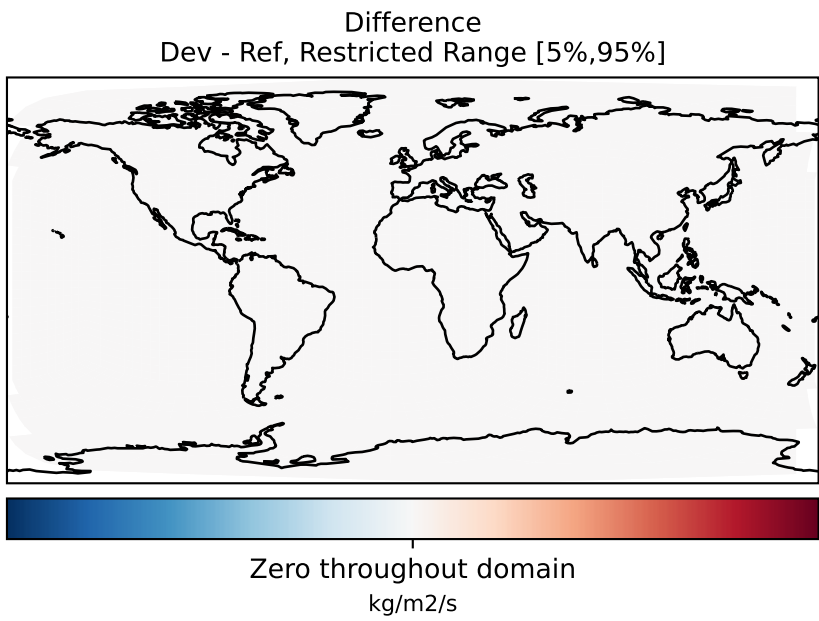
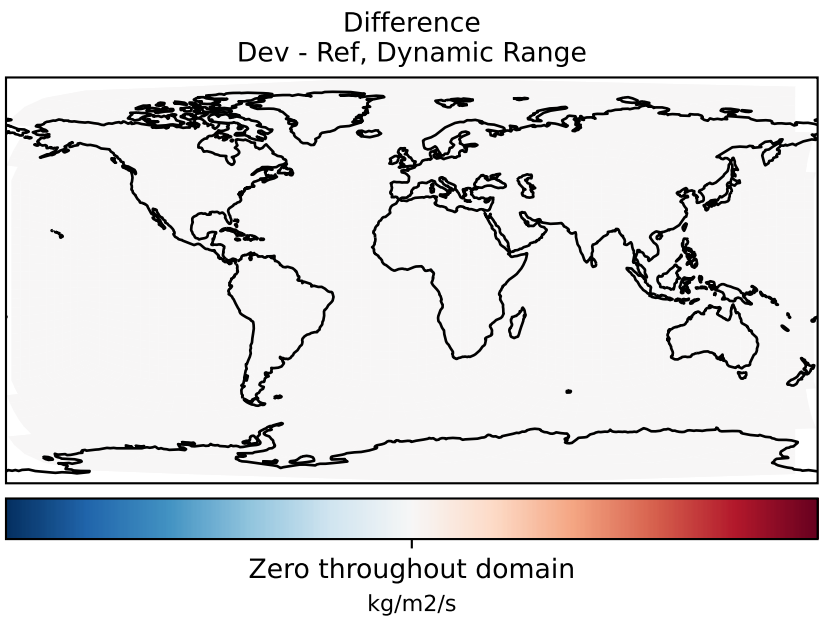
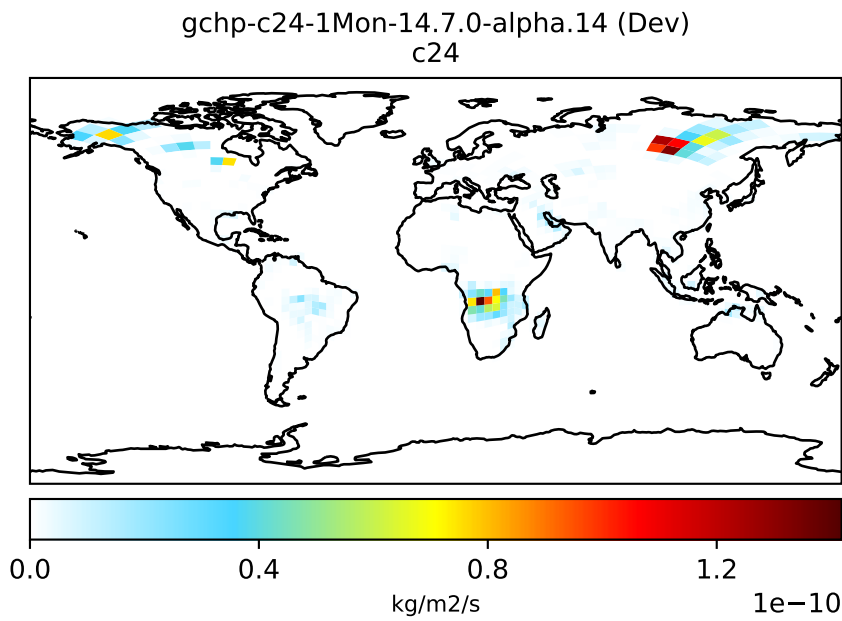
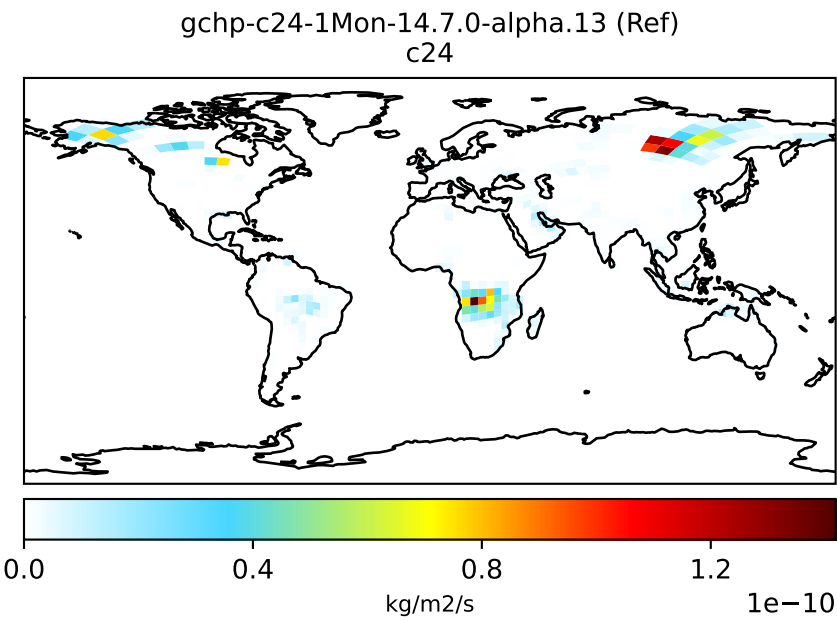


# EmisC4H6\_Total

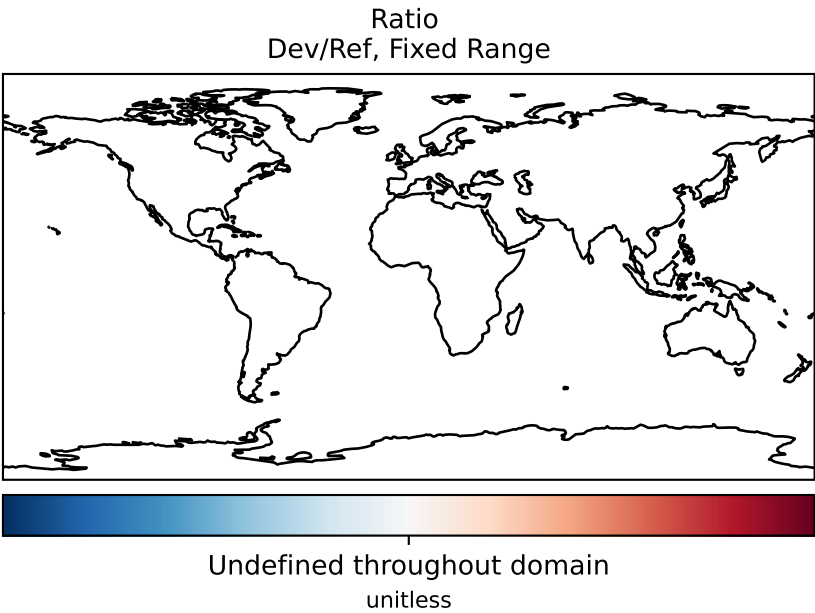
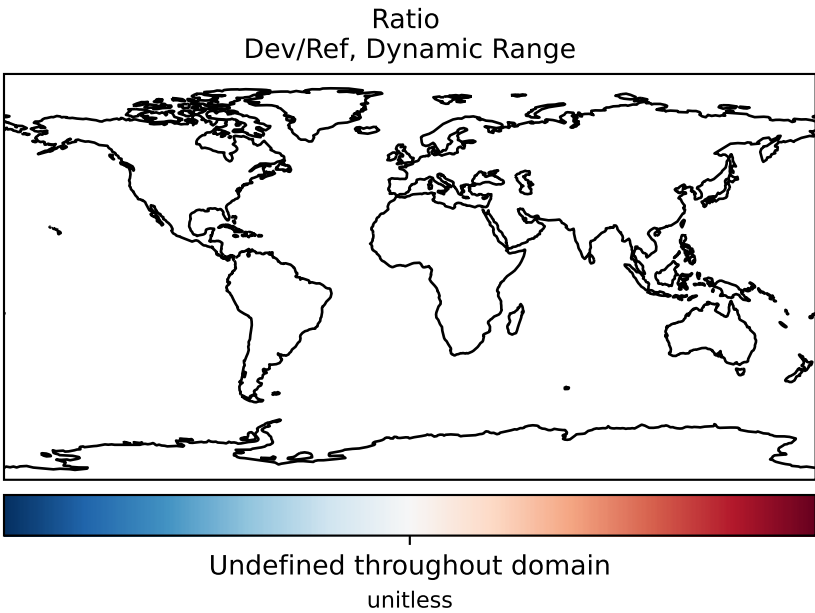
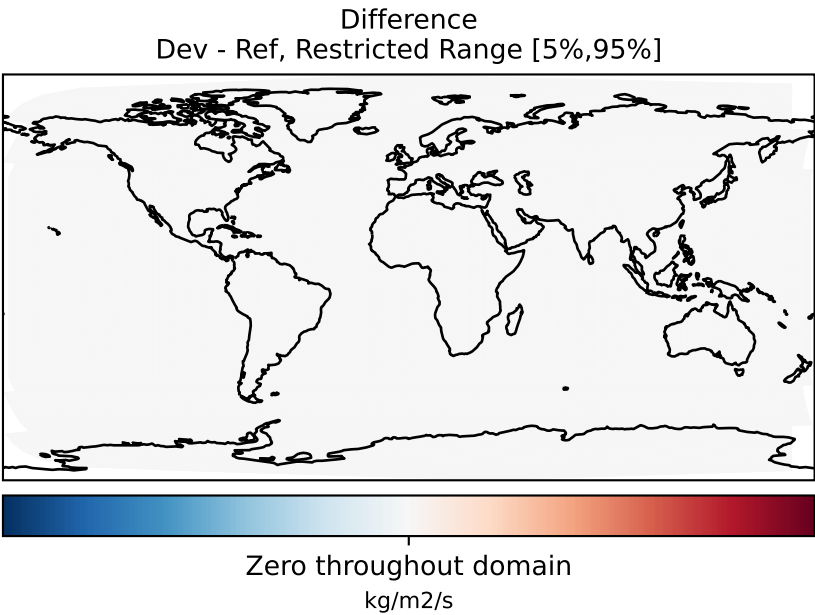
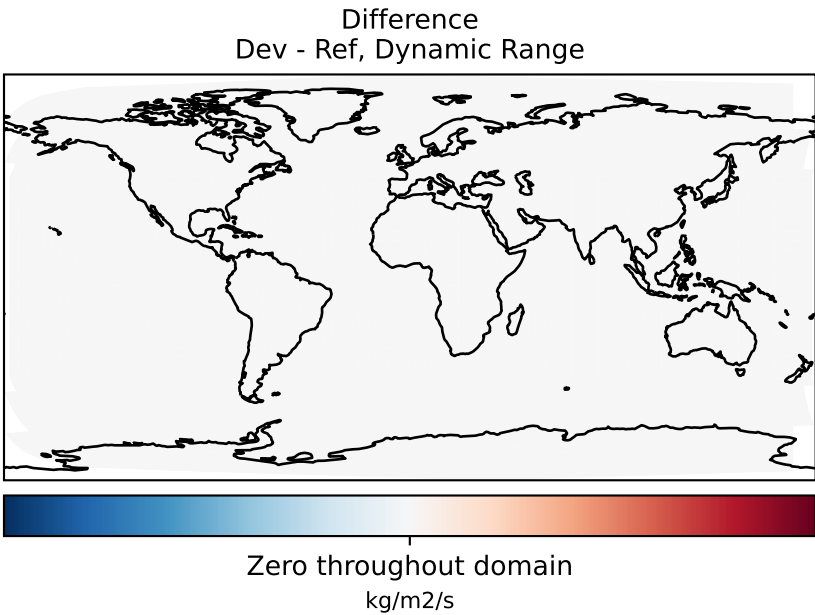
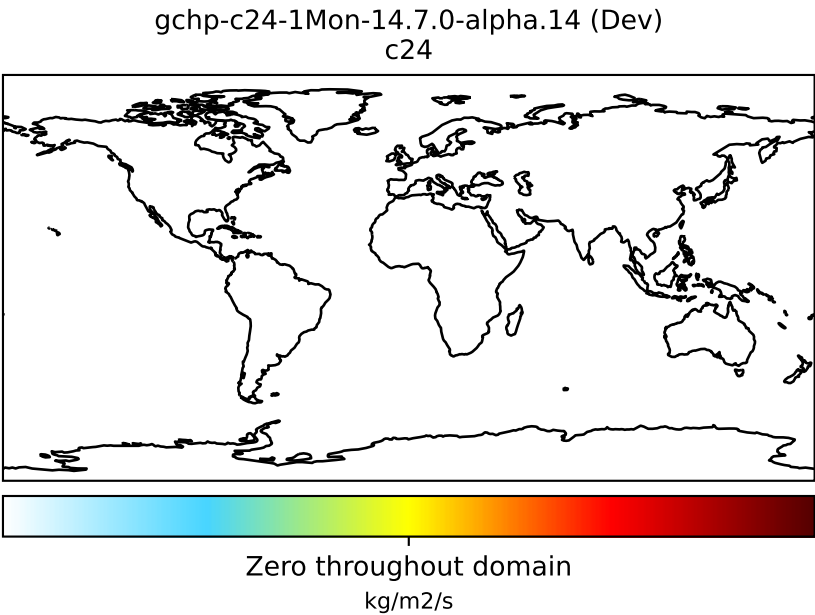
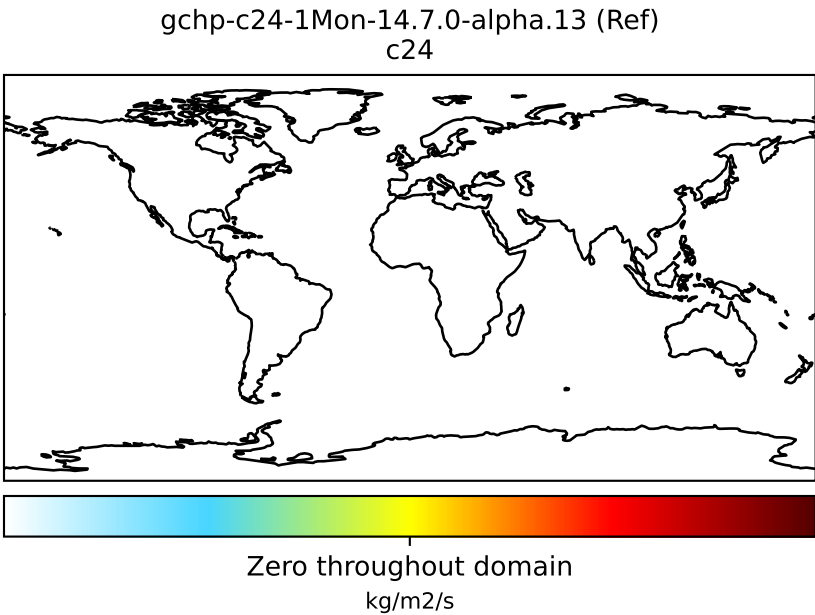




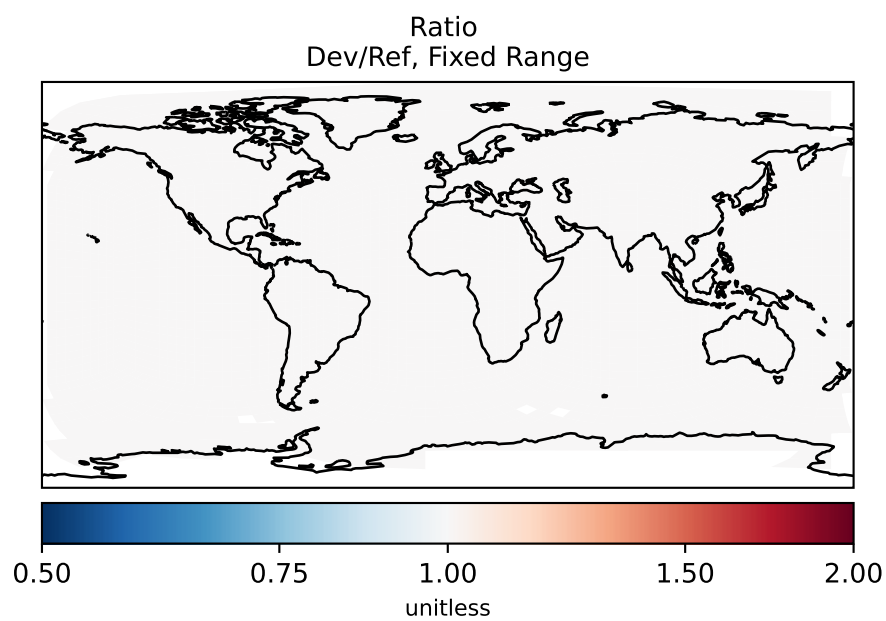
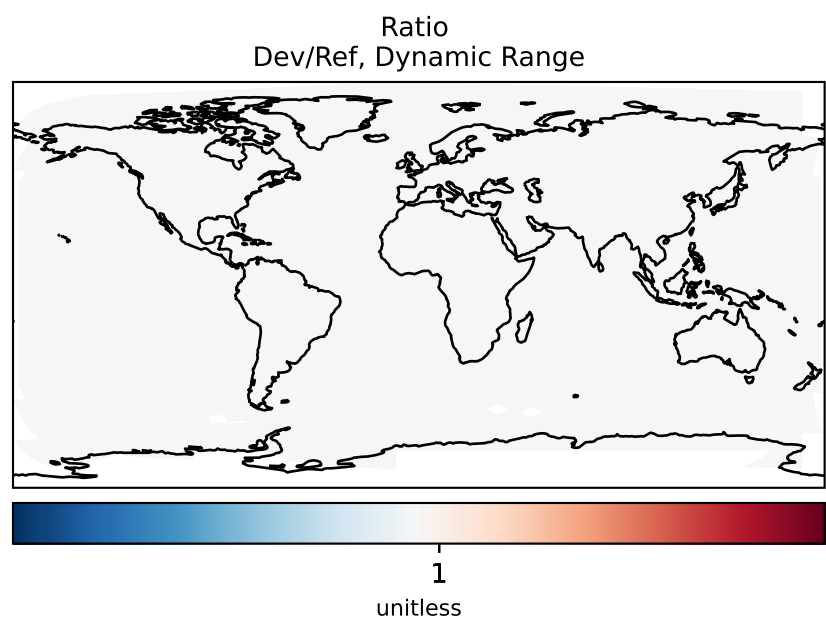
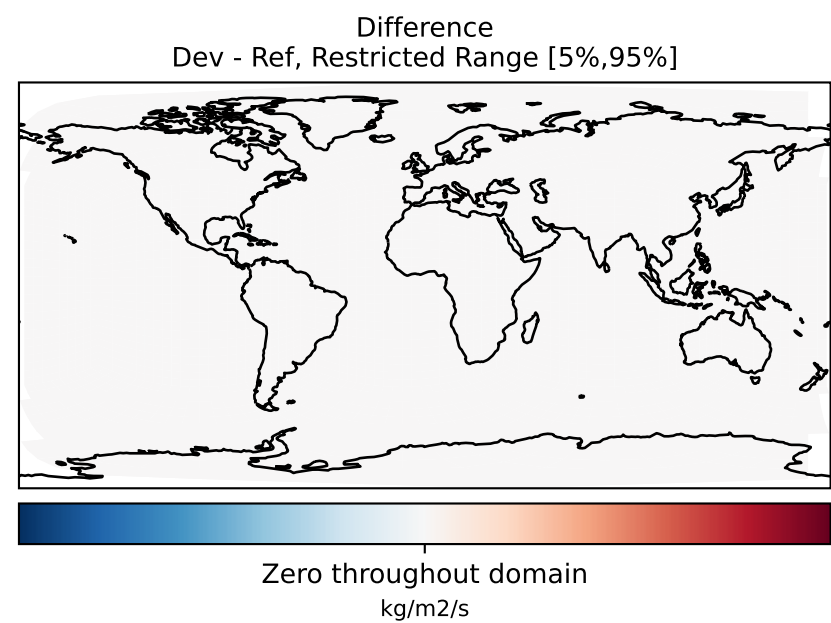
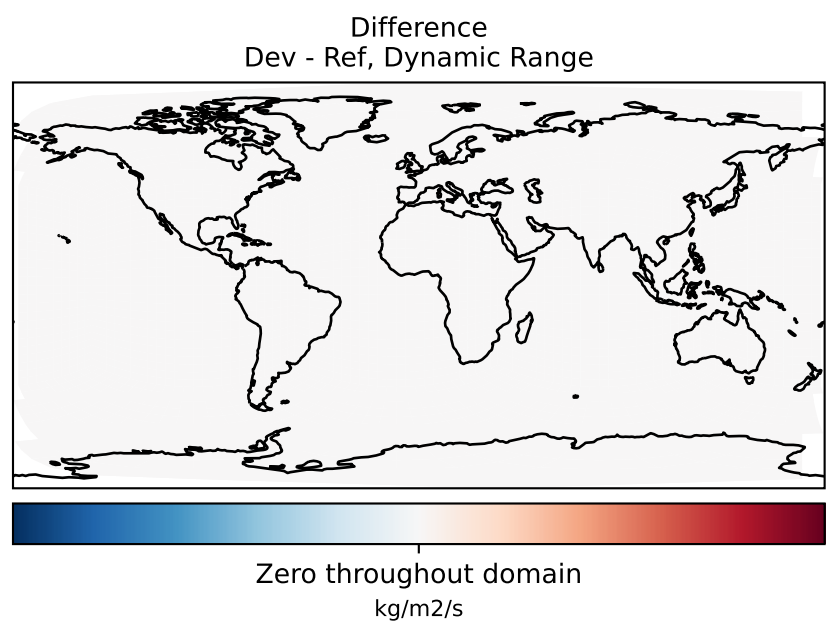
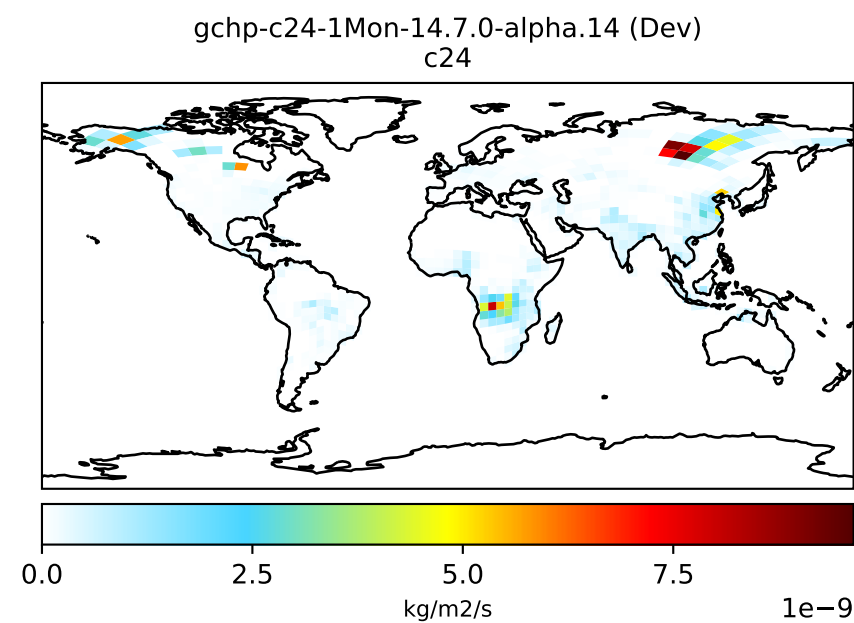
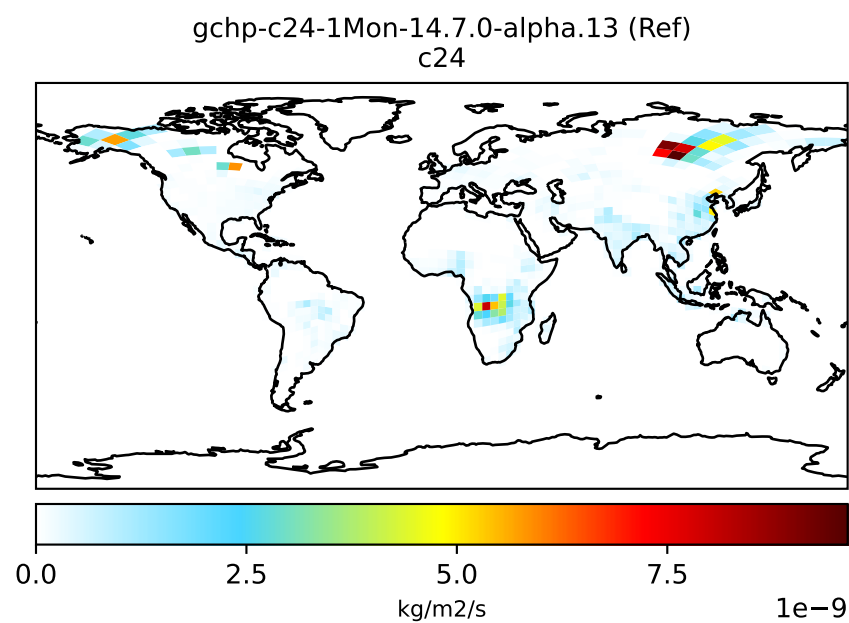
# EmisCH2O\_Total



# EmisCO2\_Total

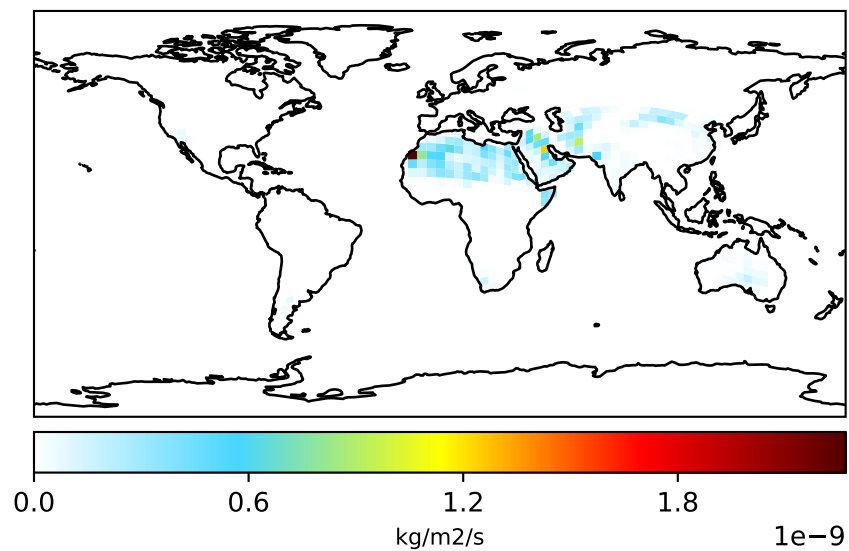


# EmisCO\_Total

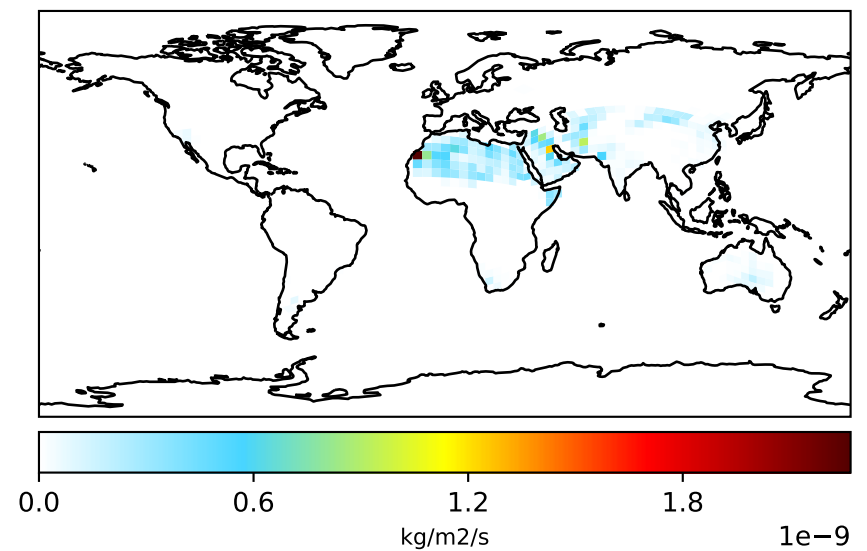


# EmisDST1\_Total

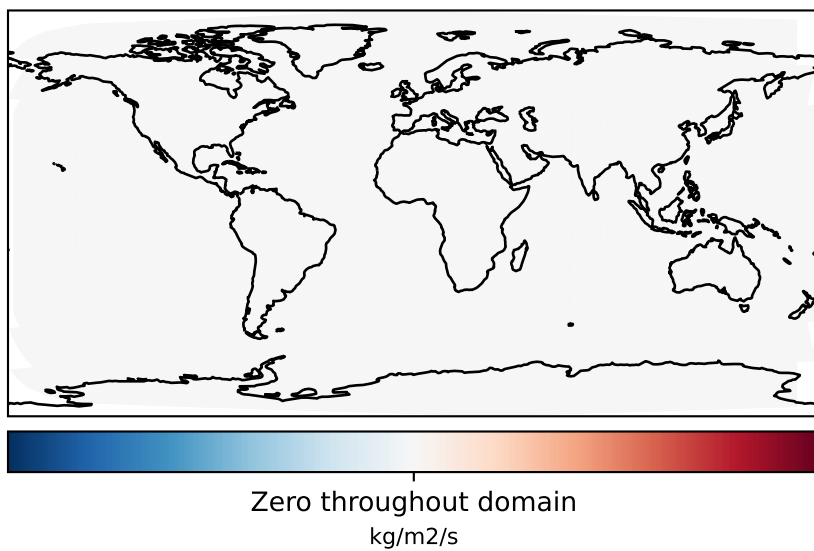
gchp-c24-1Mon-14.7.0-alpha.13 (Ref)  
c24



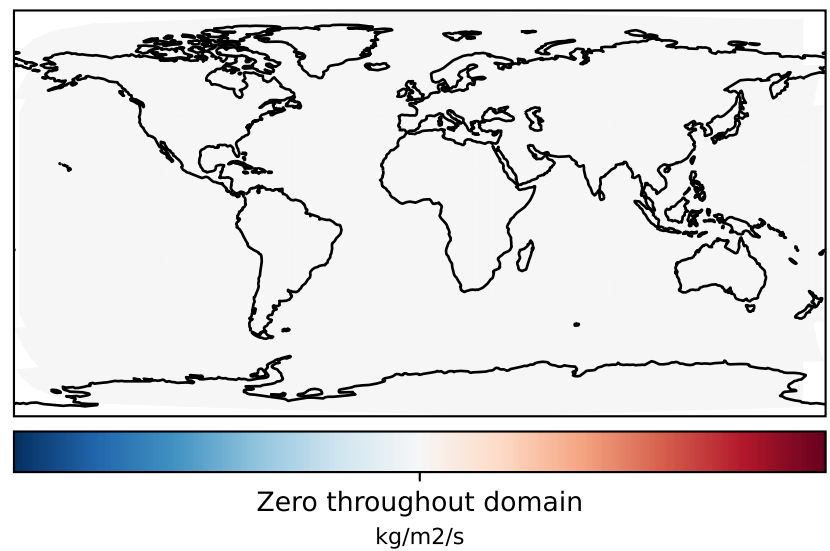
gchp-c24-1Mon-14.7.0-alpha.14 (Dev)  
c24



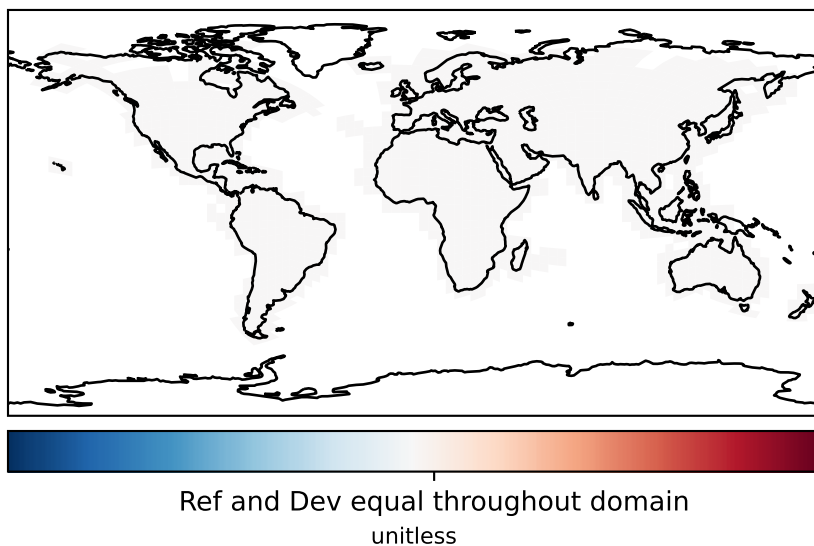
Difference  
Dev - Ref, Dynamic Range



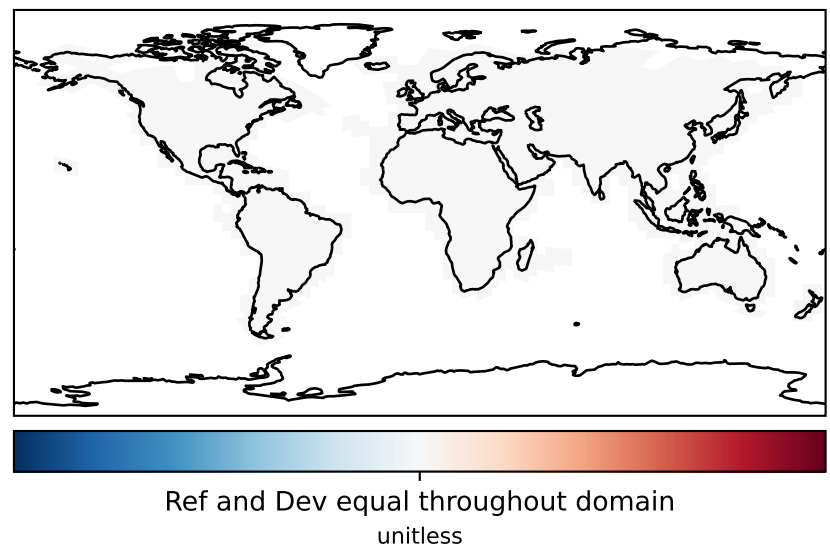
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

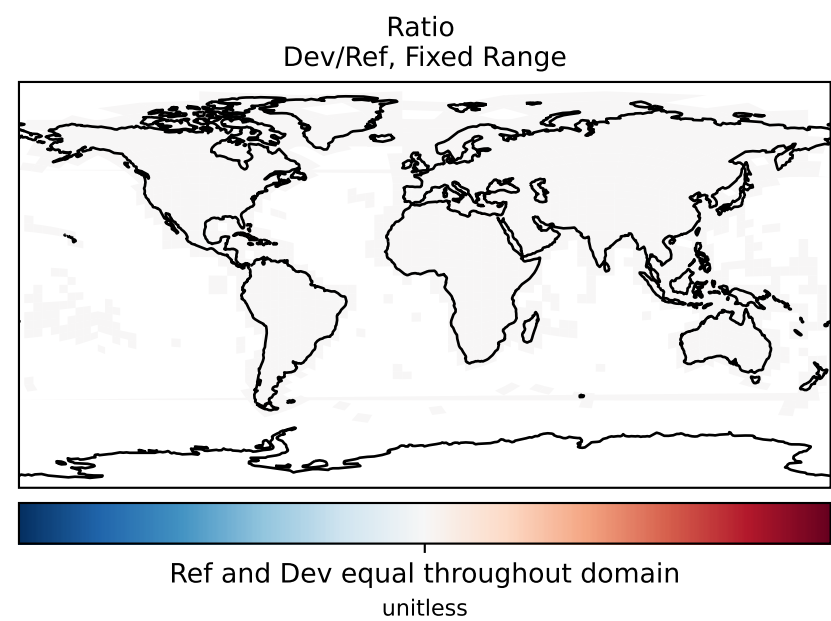
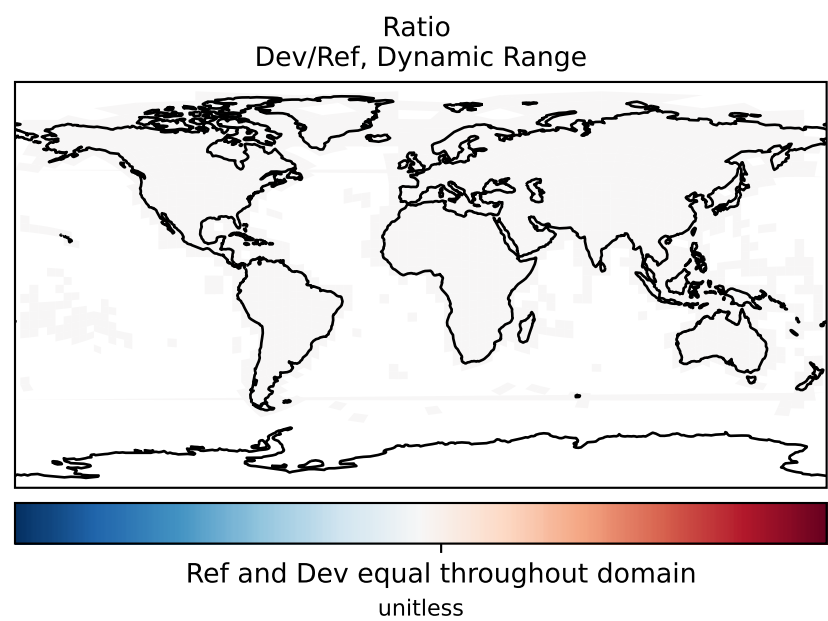
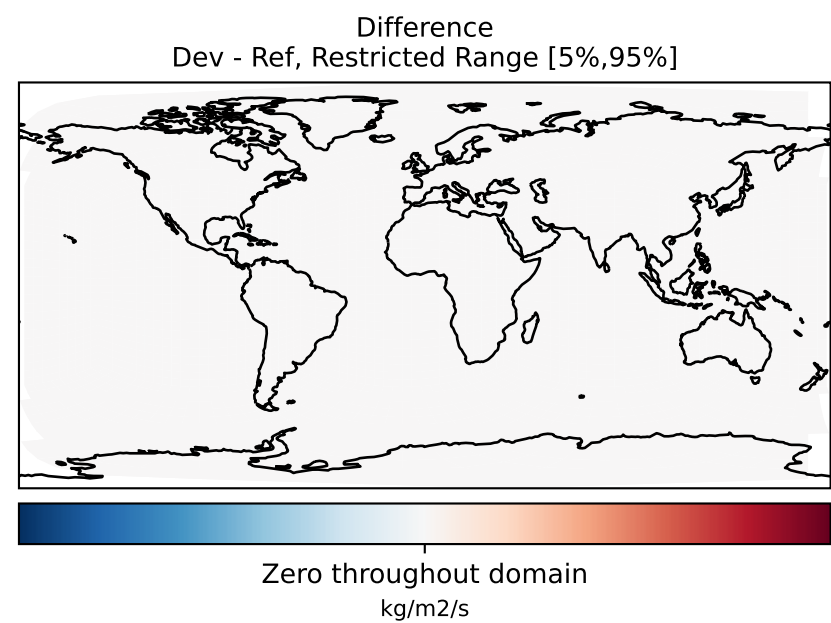
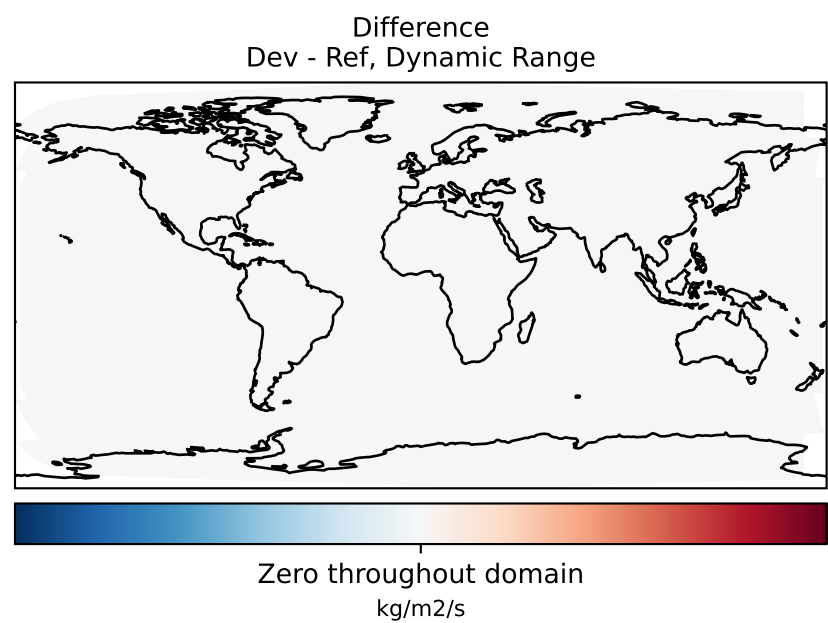
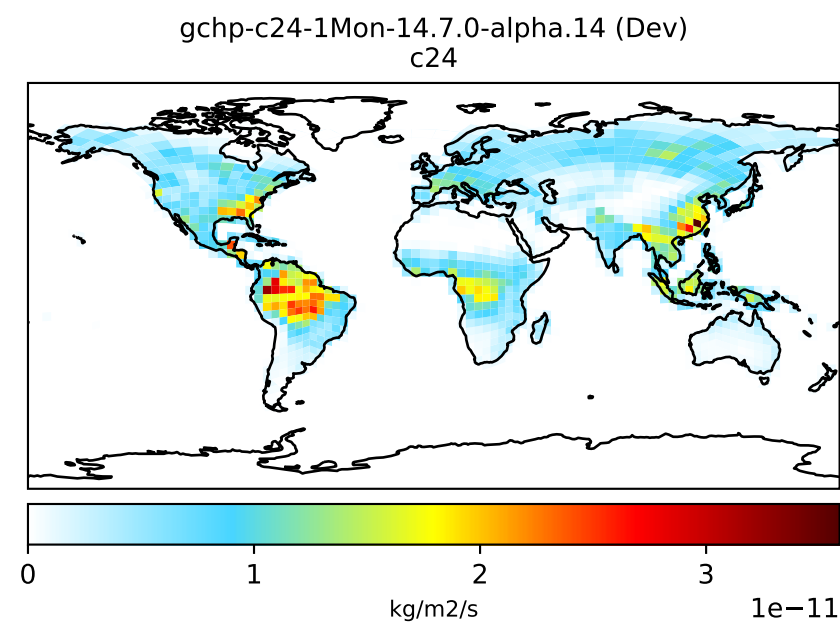
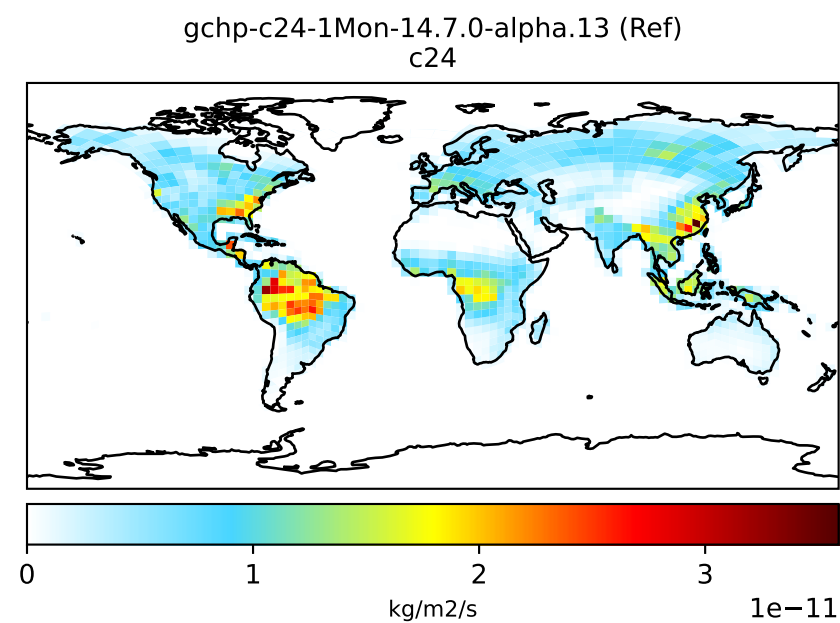


Ratio  
Dev/Ref, Fixed Range

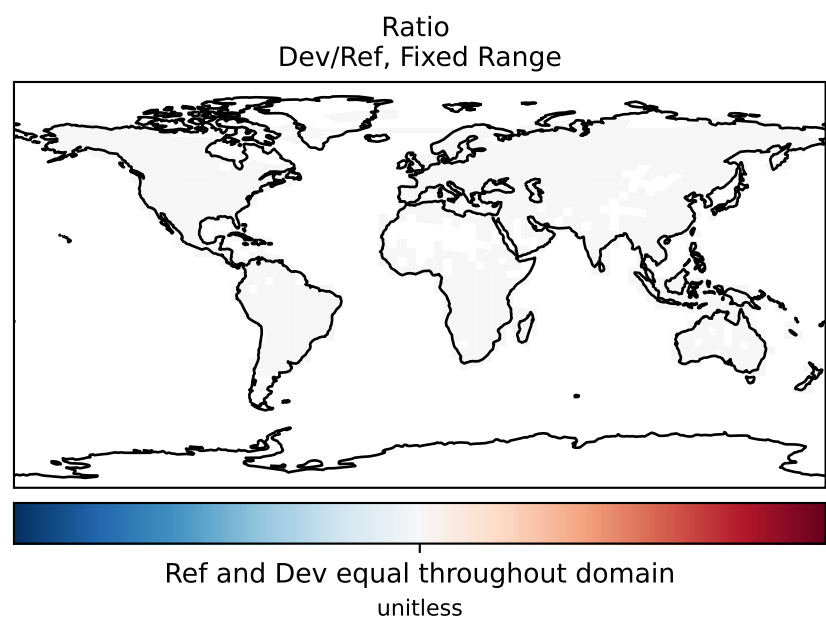
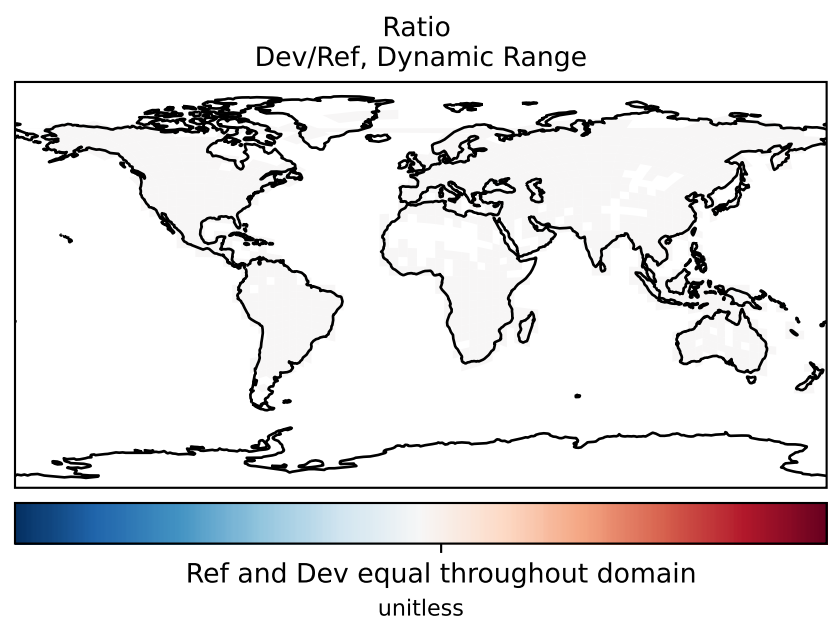
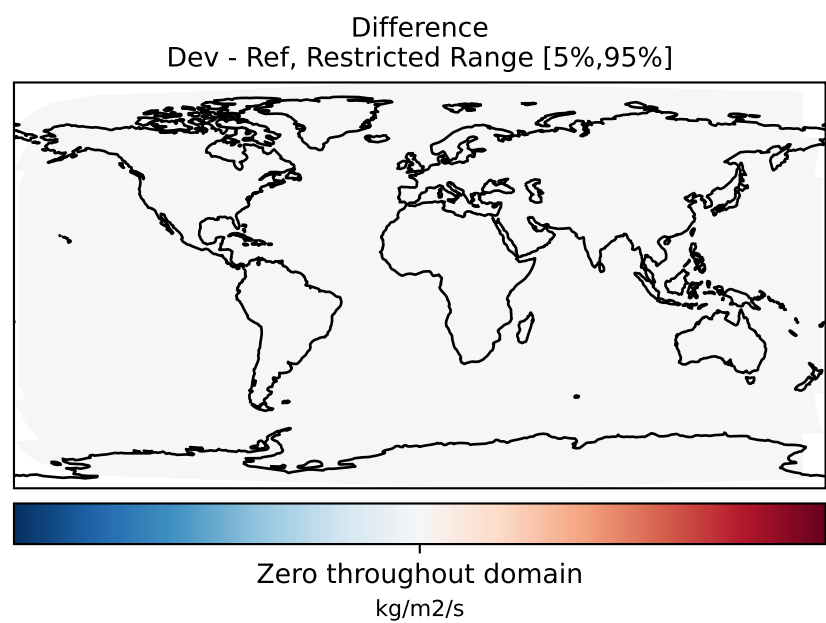
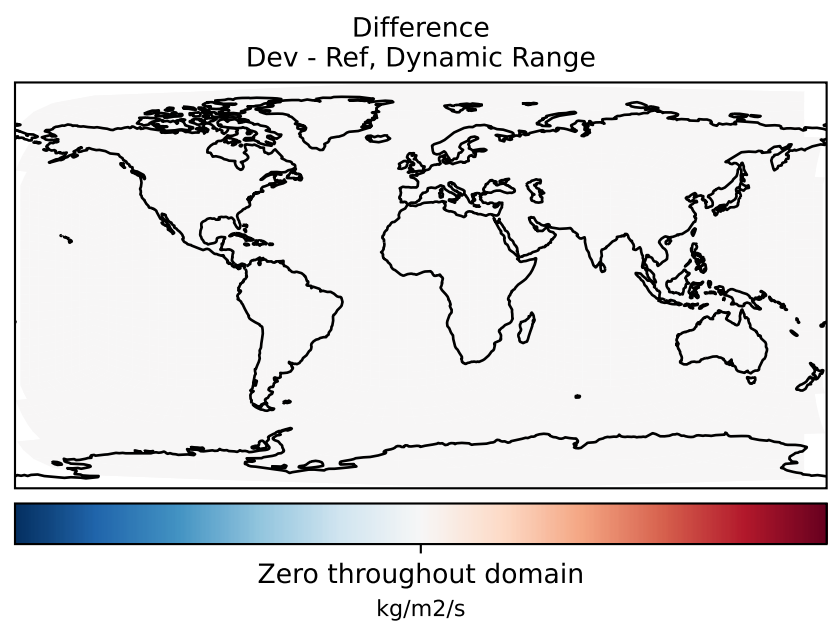
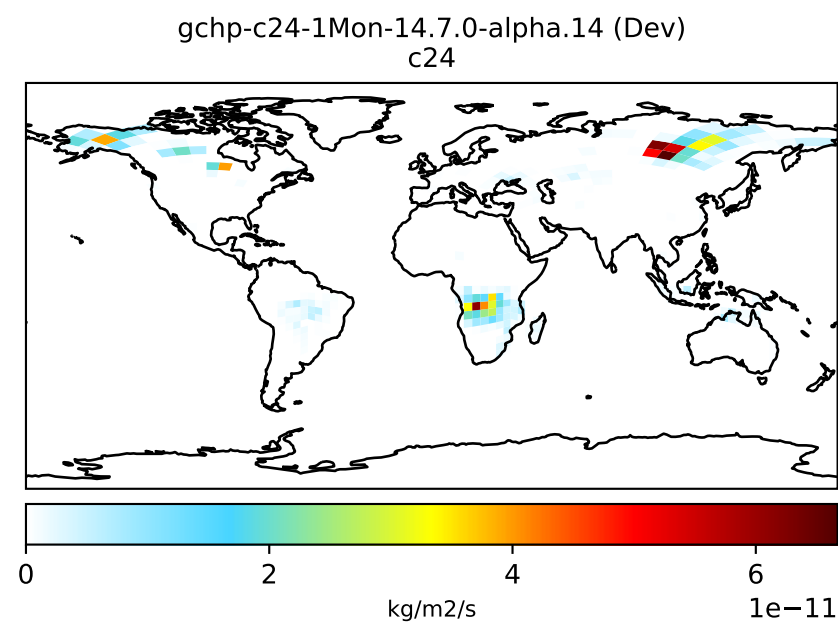
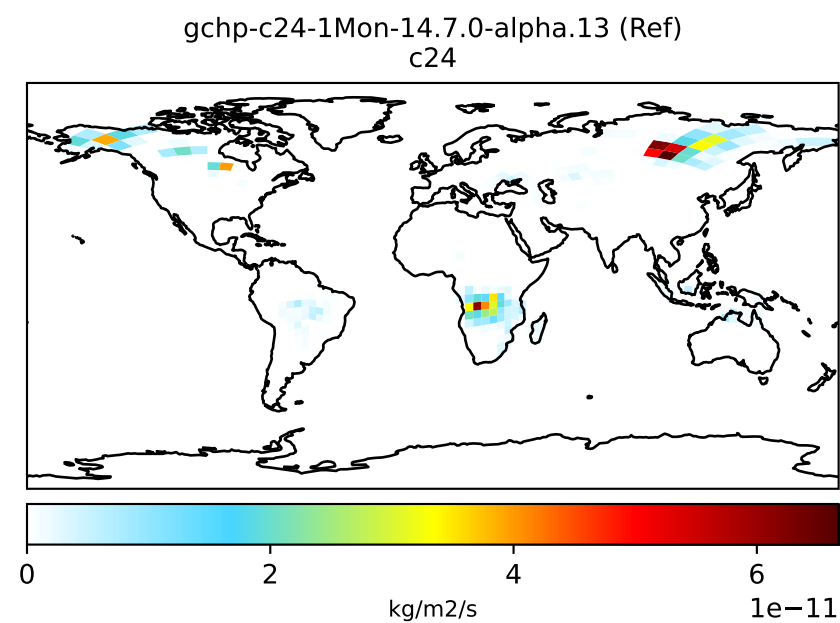




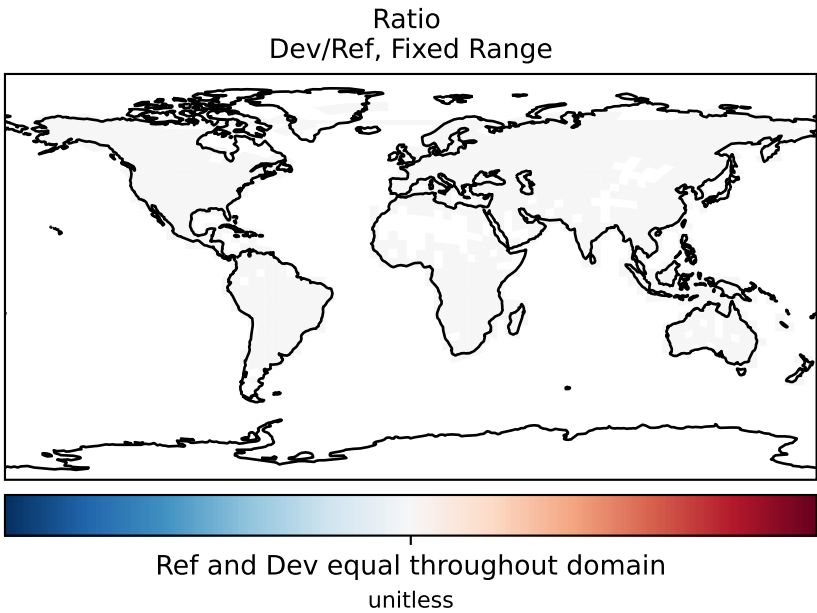
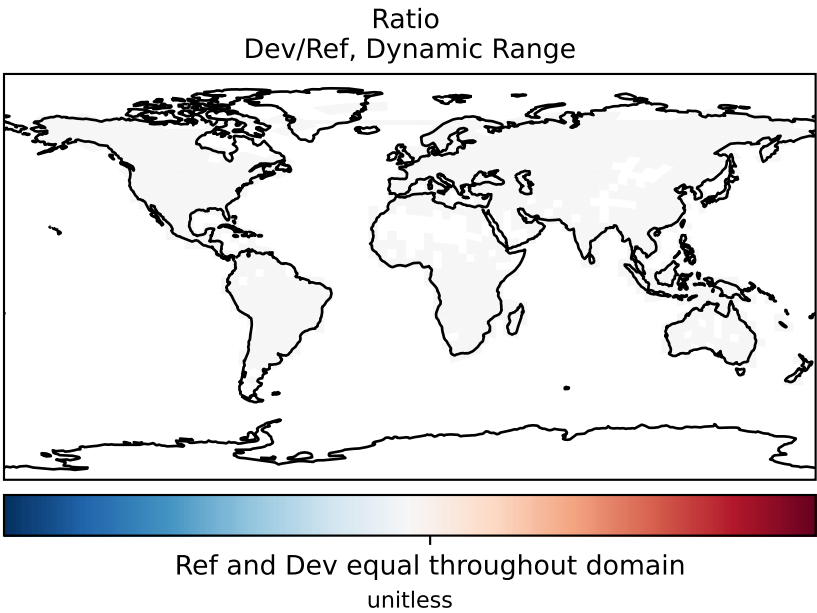
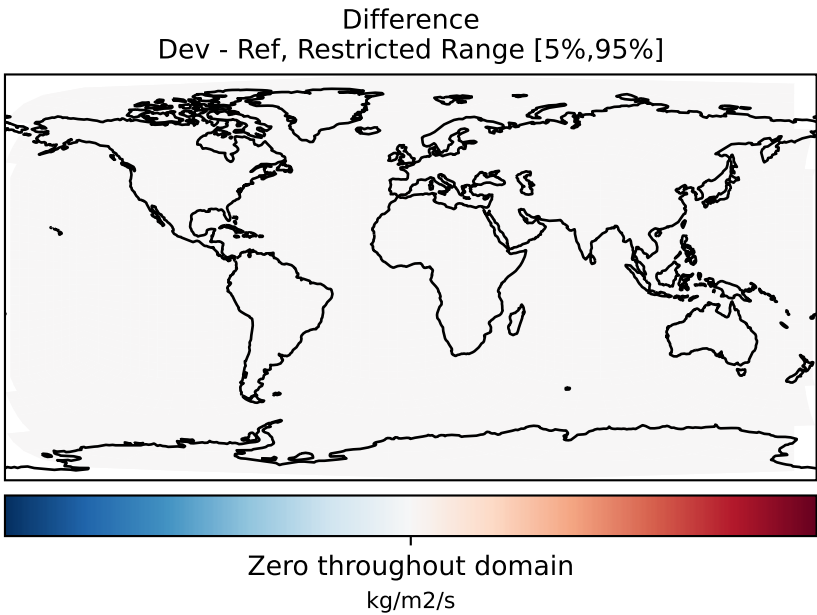
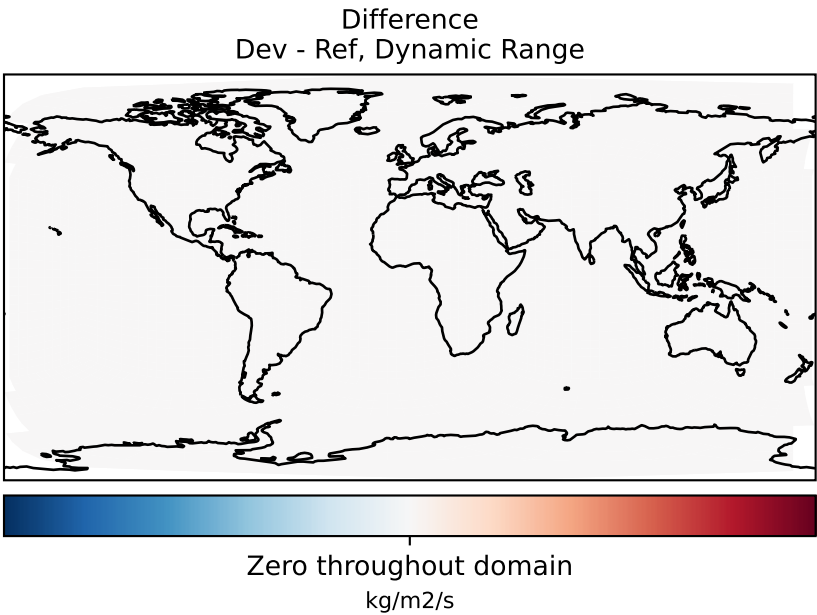
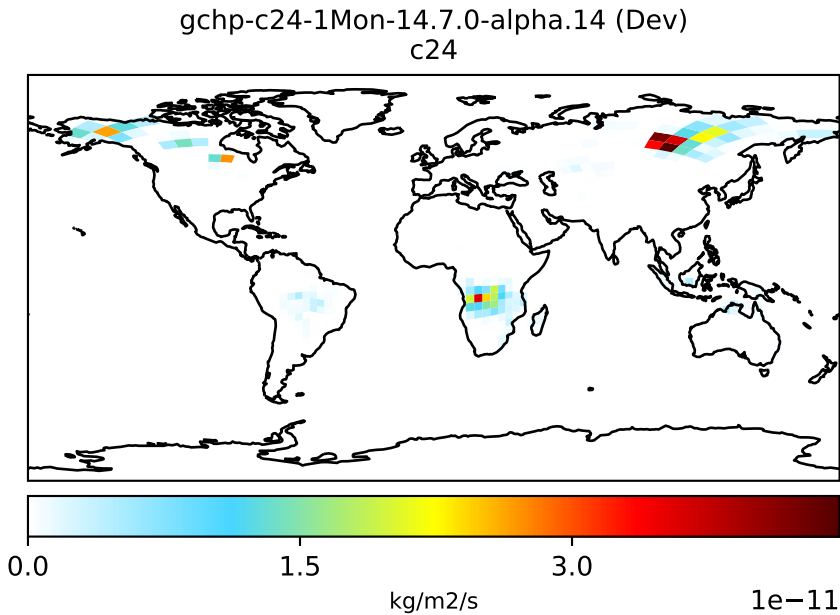
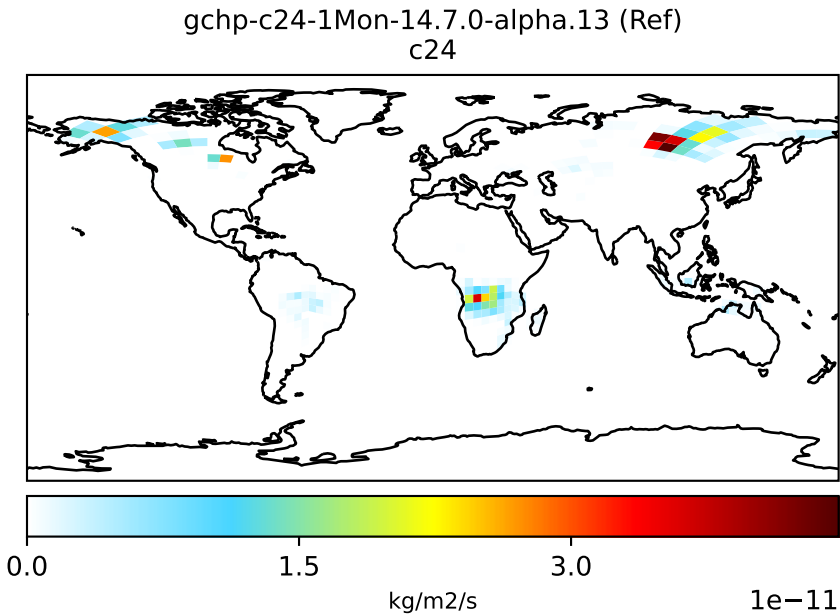
# EmisEOH\_Total



# EmisFURA\_Total

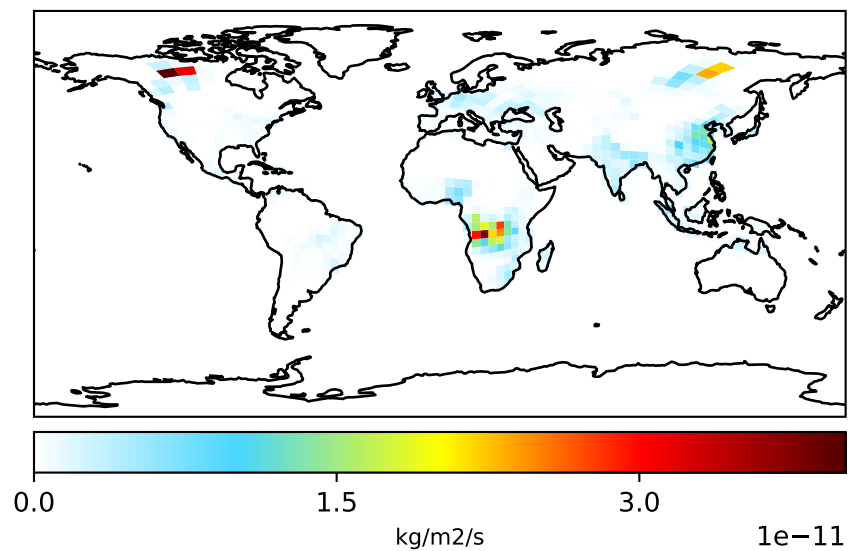


# EmisGLYX\_Total

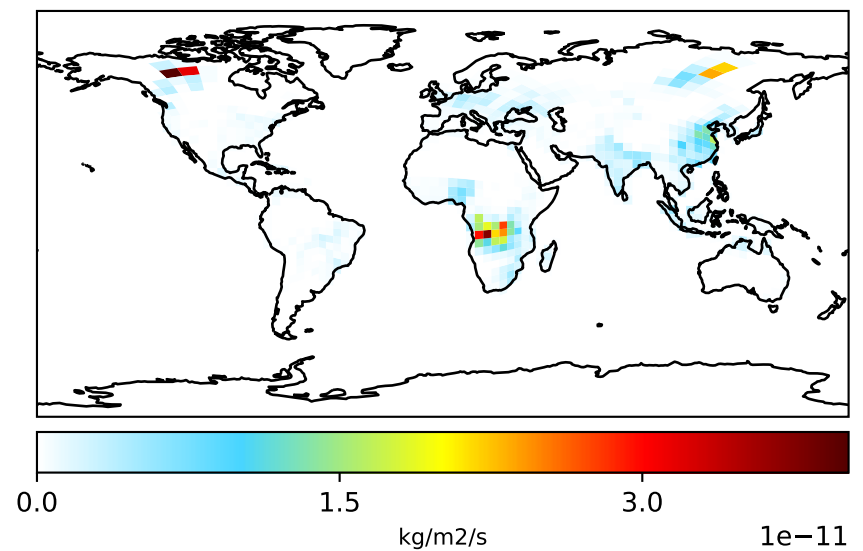


# EmisHCl\_Total

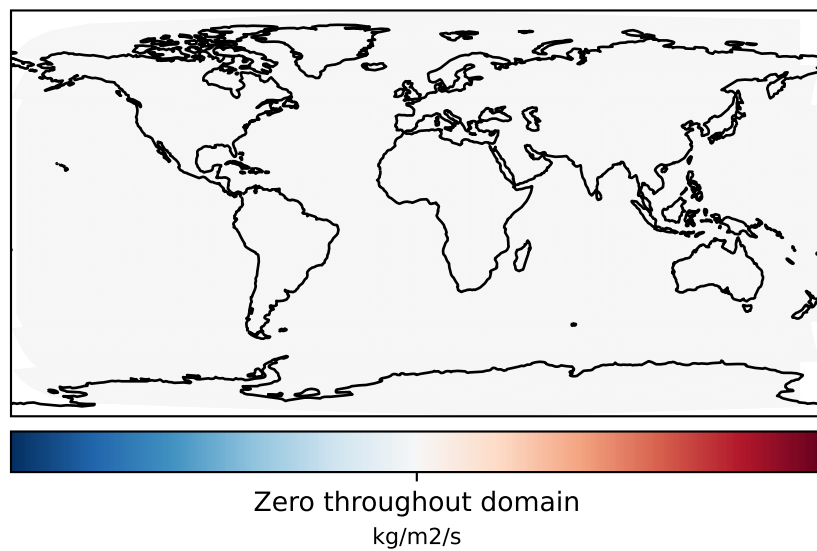
gchp-c24-1Mon-14.7.0-alpha.13 (Ref)  
c24



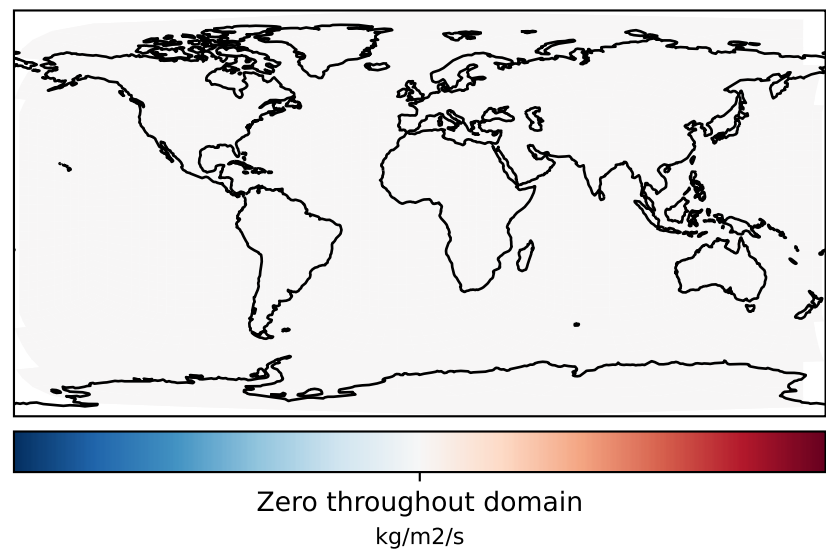
gchp-c24-1Mon-14.7.0-alpha.14 (Dev)  
c24



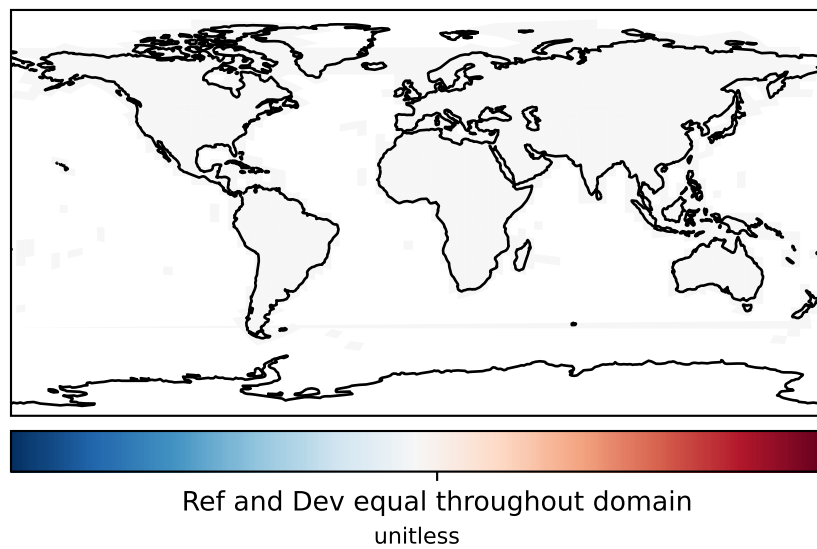
Difference  
Dev - Ref, Dynamic Range



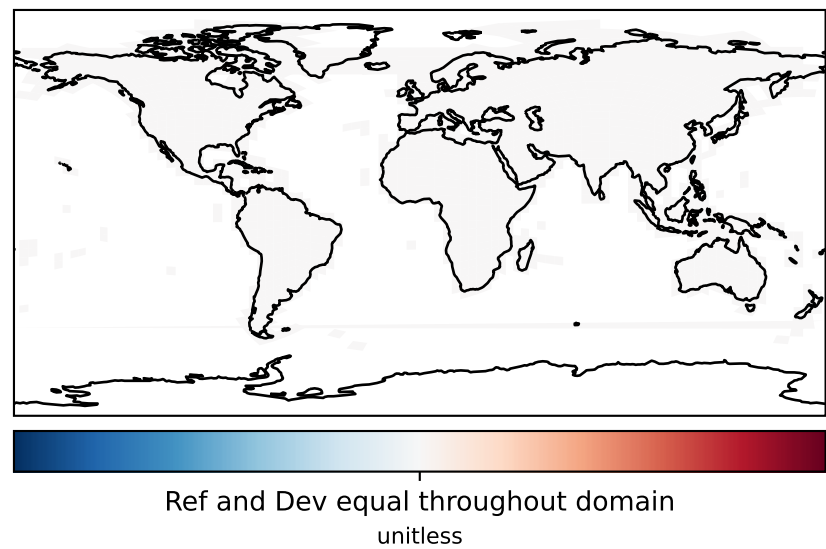
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

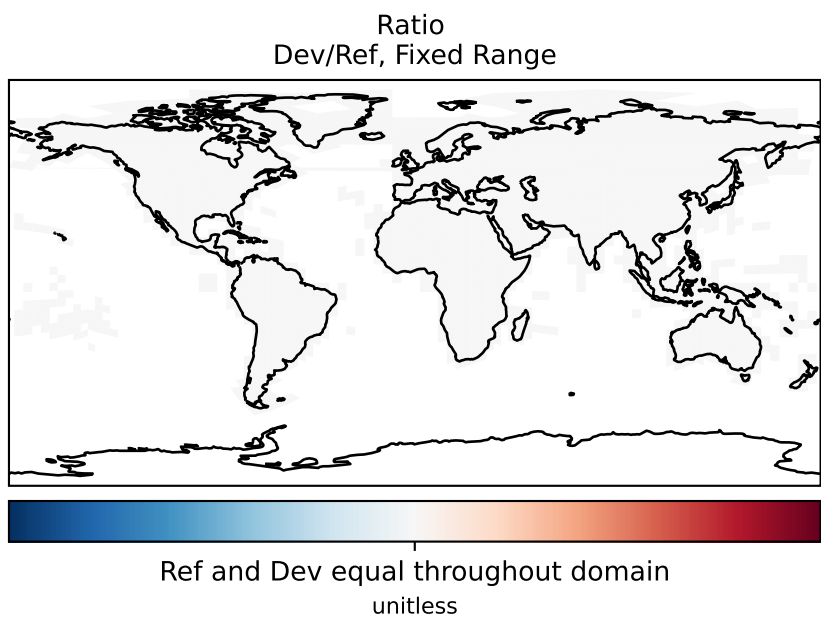
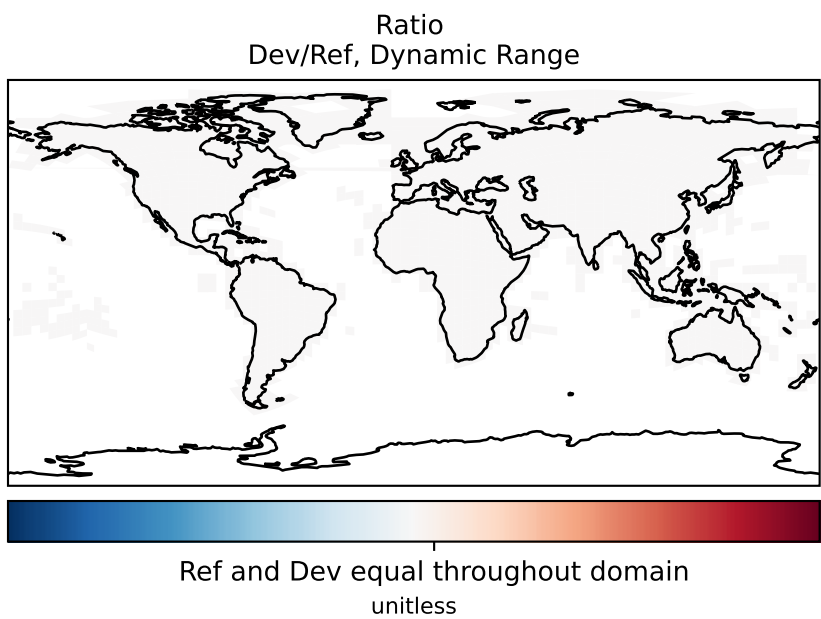
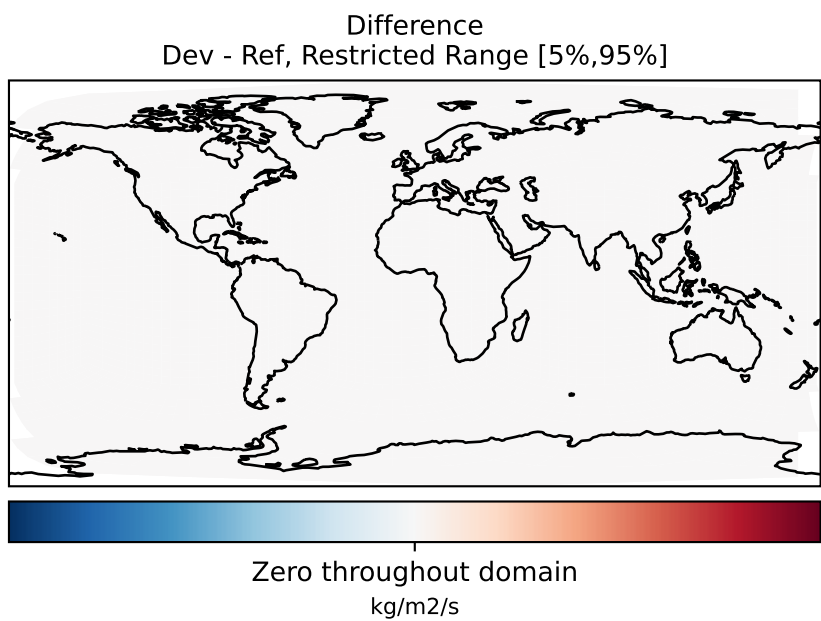
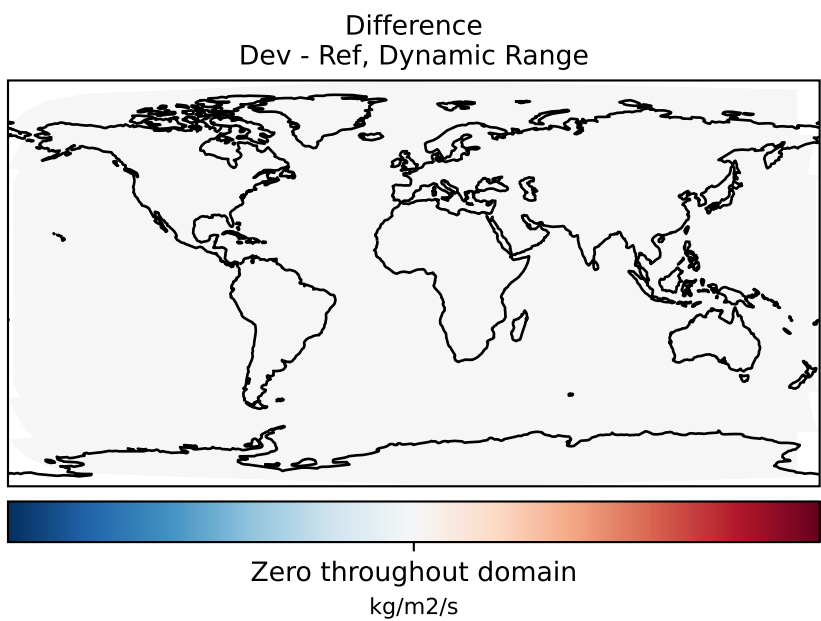
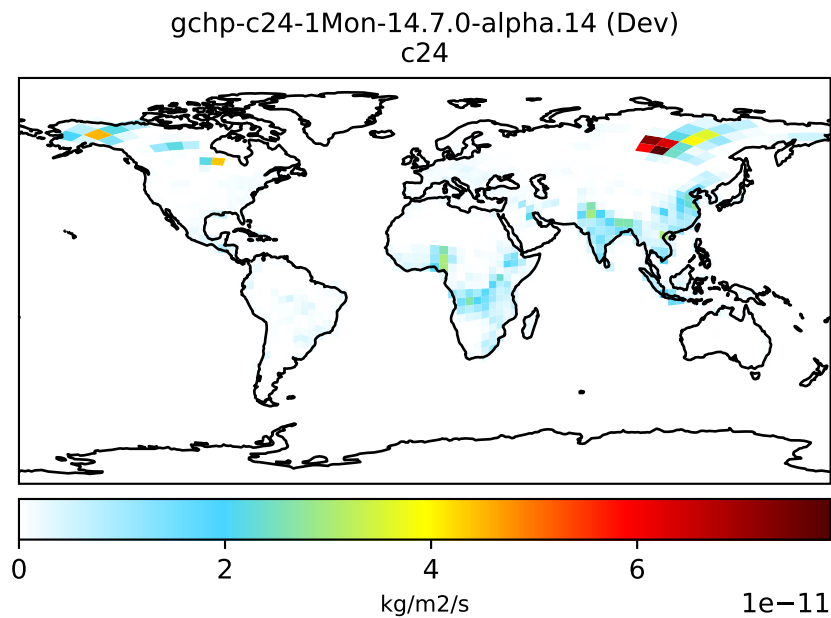
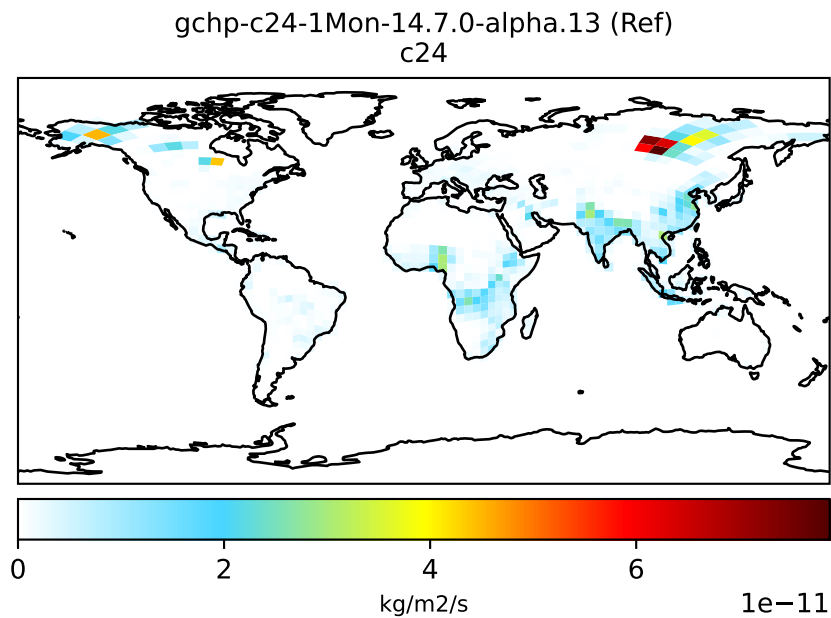


Ratio  
Dev/Ref, Fixed Range



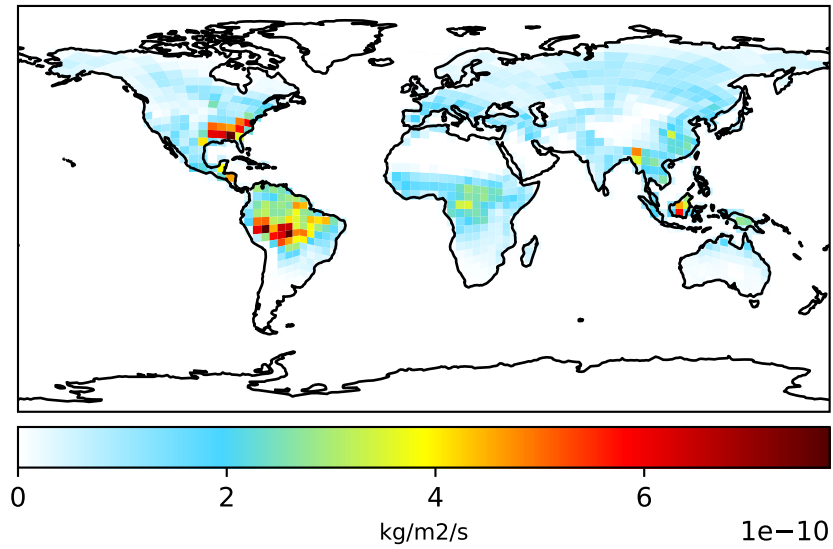


# EmisHCOOH\_Total

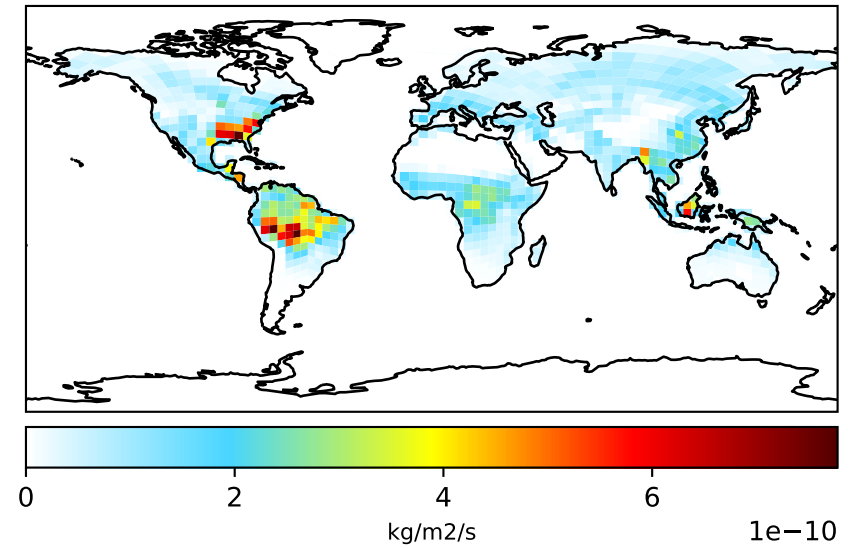


# EmisISOP\_Total

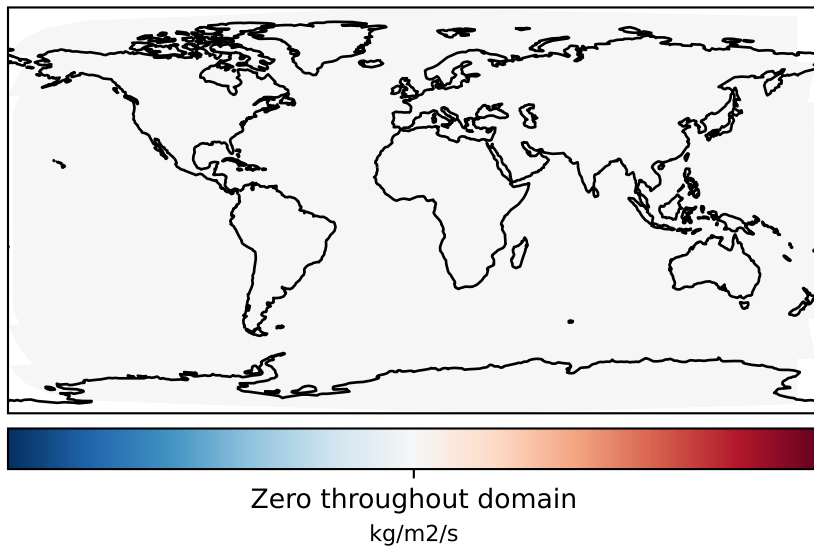
gchp-c24-1Mon-14.7.0-alpha.13 (Ref)  
c24



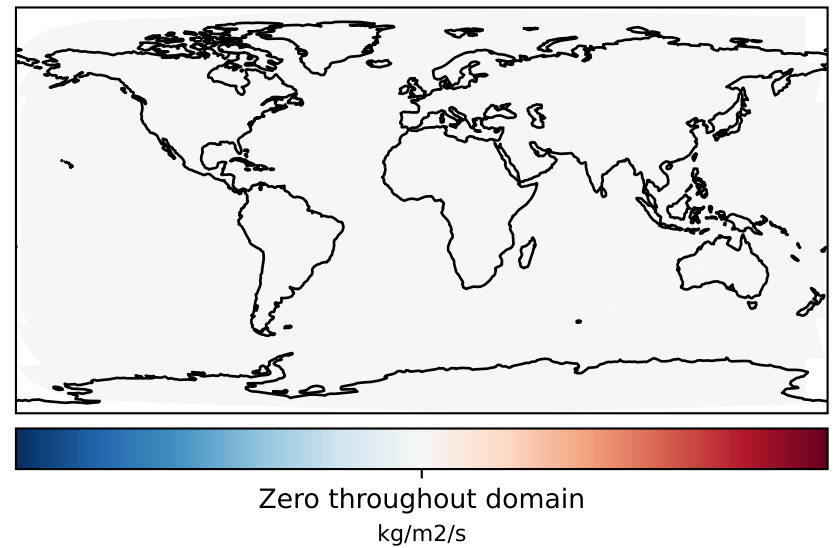
gchp-c24-1Mon-14.7.0-alpha.14 (Dev)  
c24



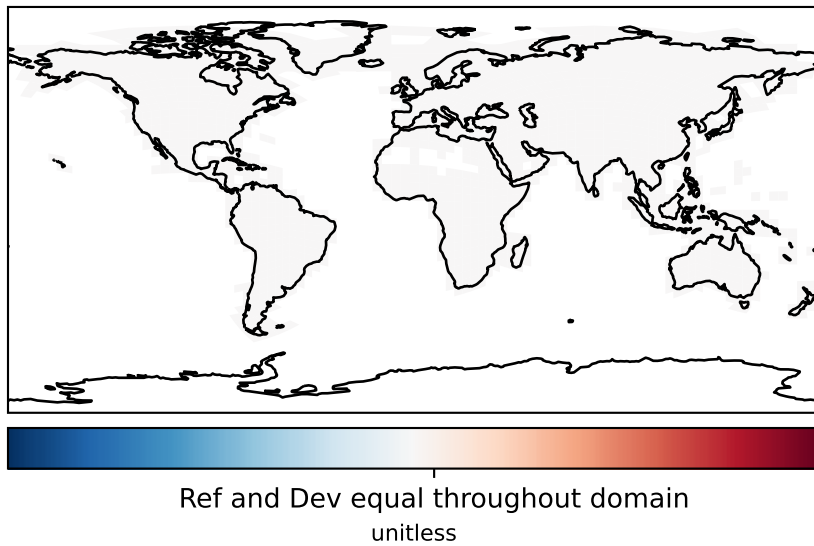
Difference  
Dev - Ref, Dynamic Range



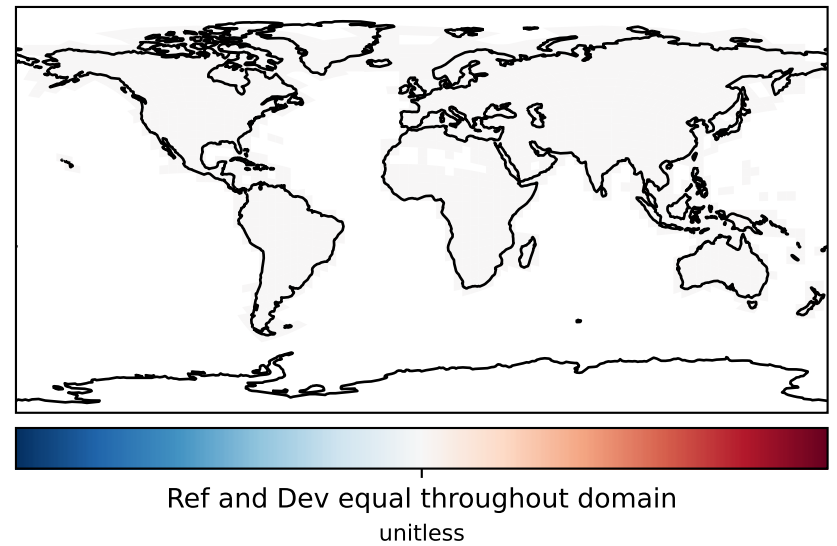
Difference  
Dev - Ref, Restricted Range [5%,95%]



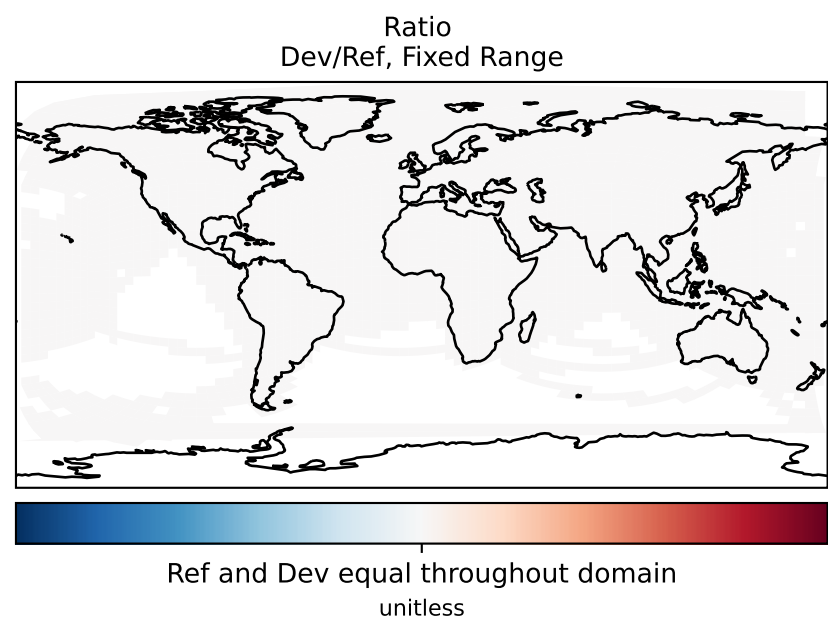
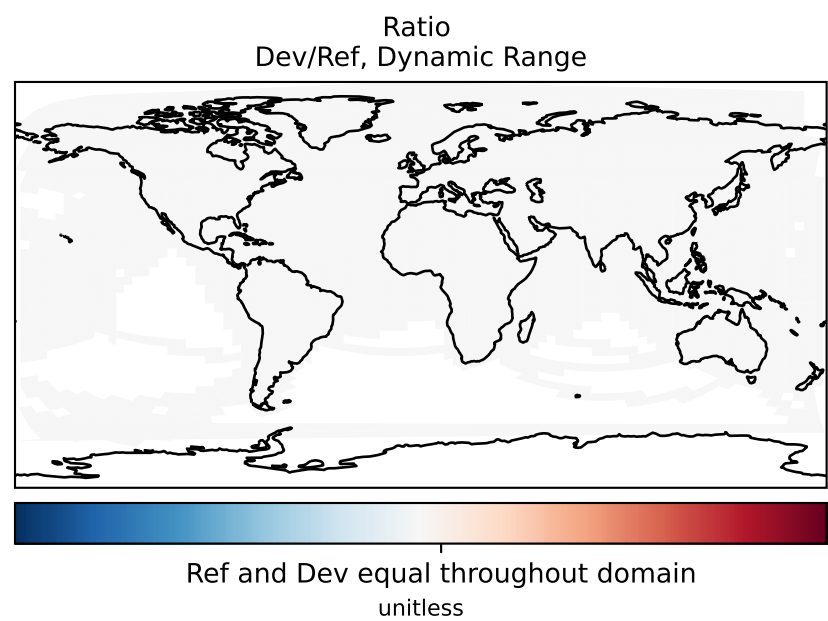
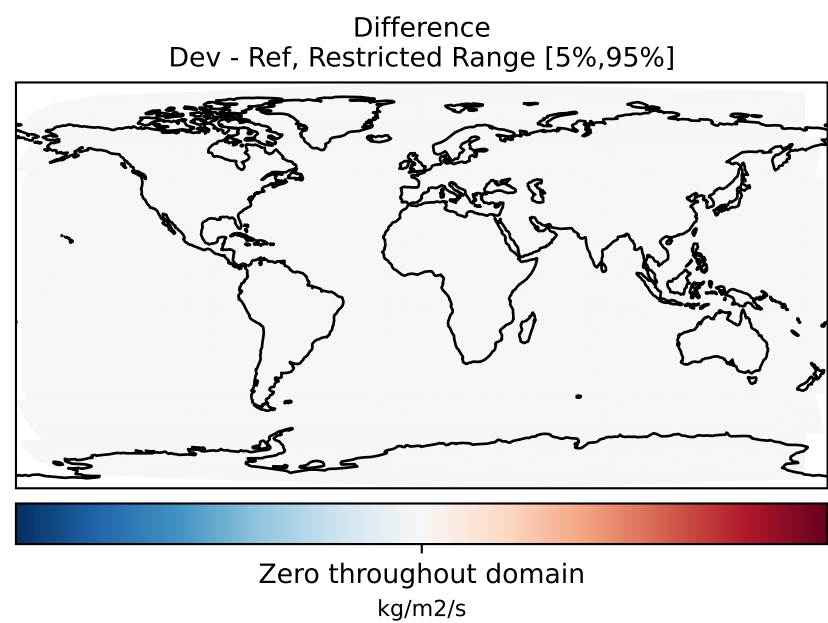
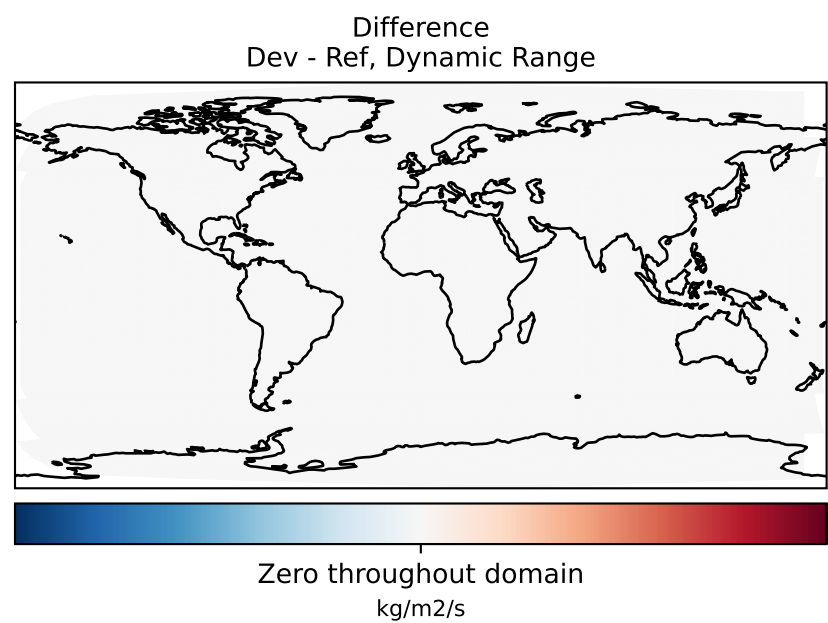
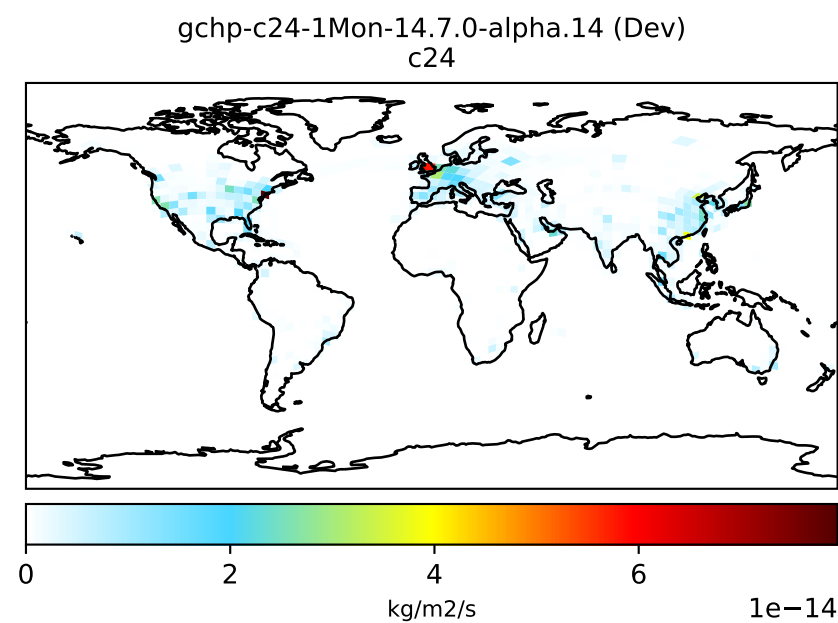
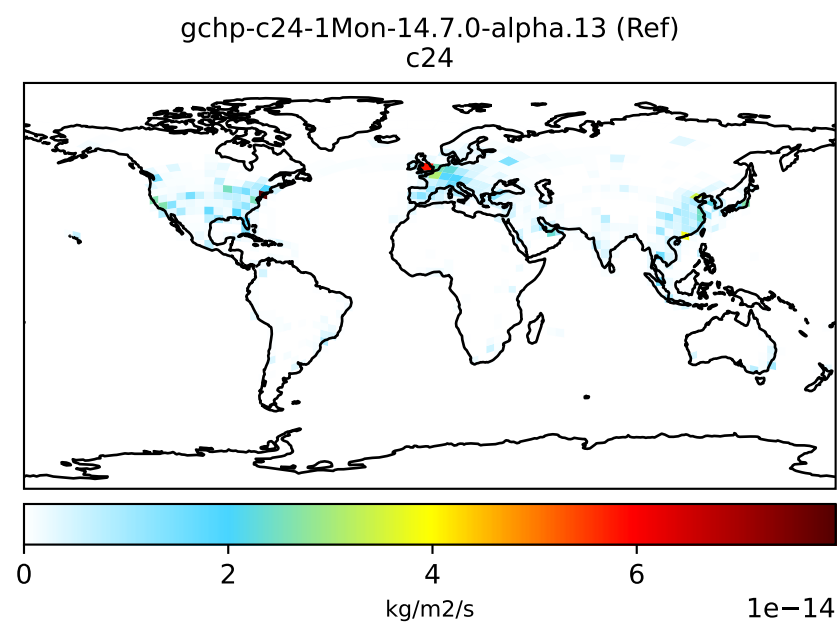
Ratio  
Dev/Ref, Dynamic Range



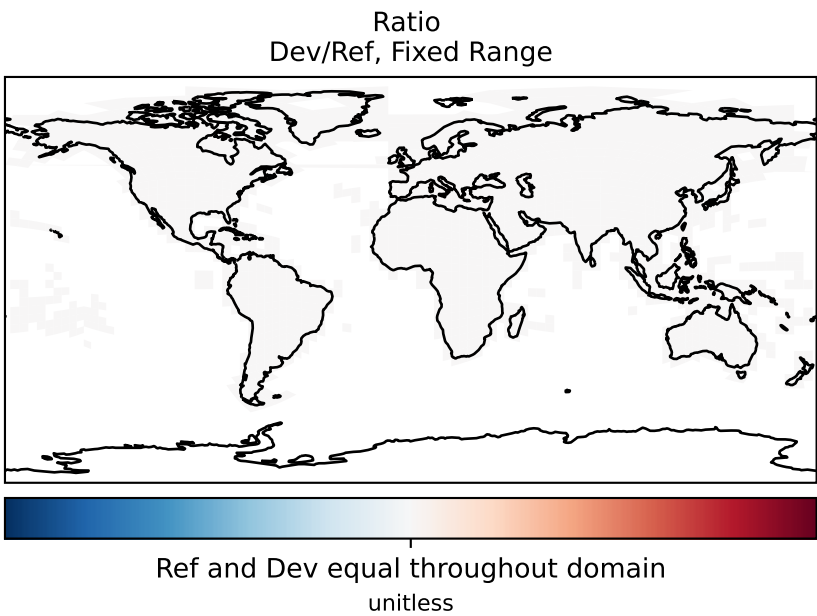
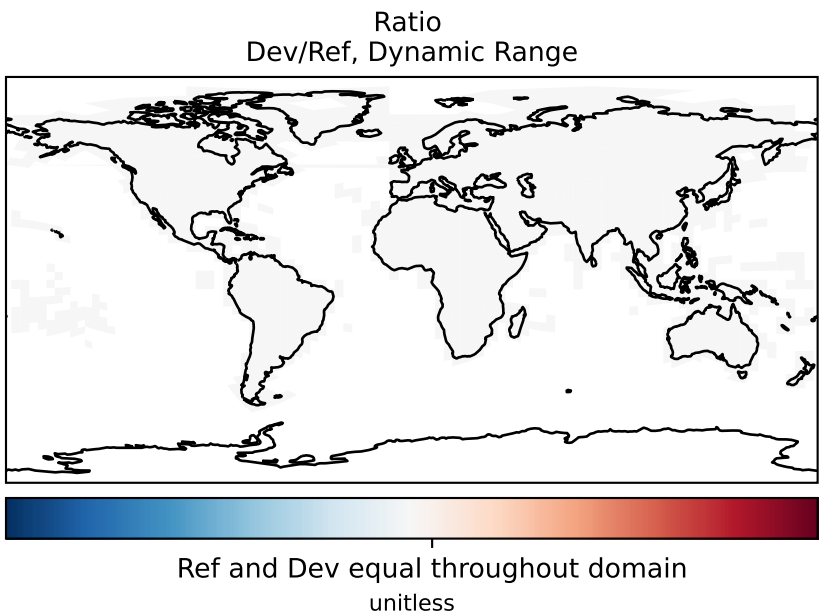
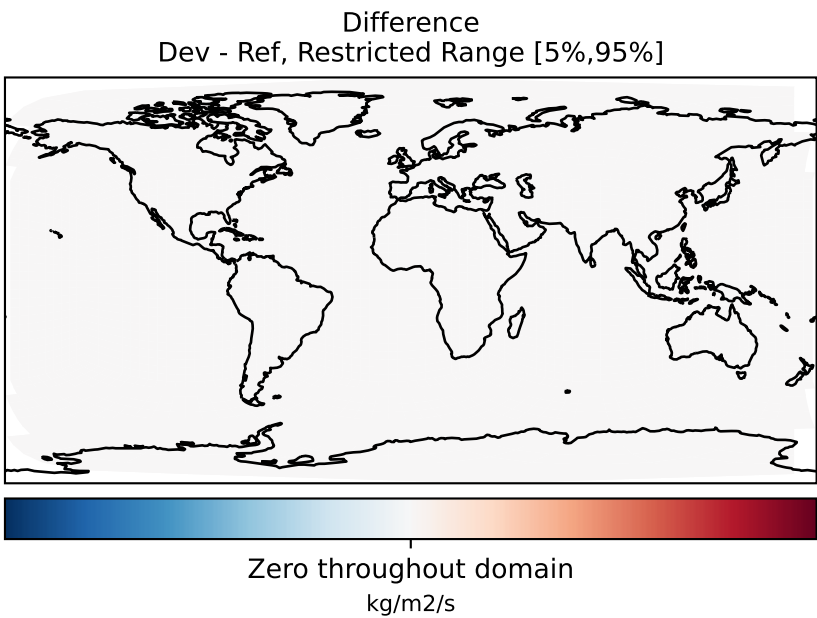
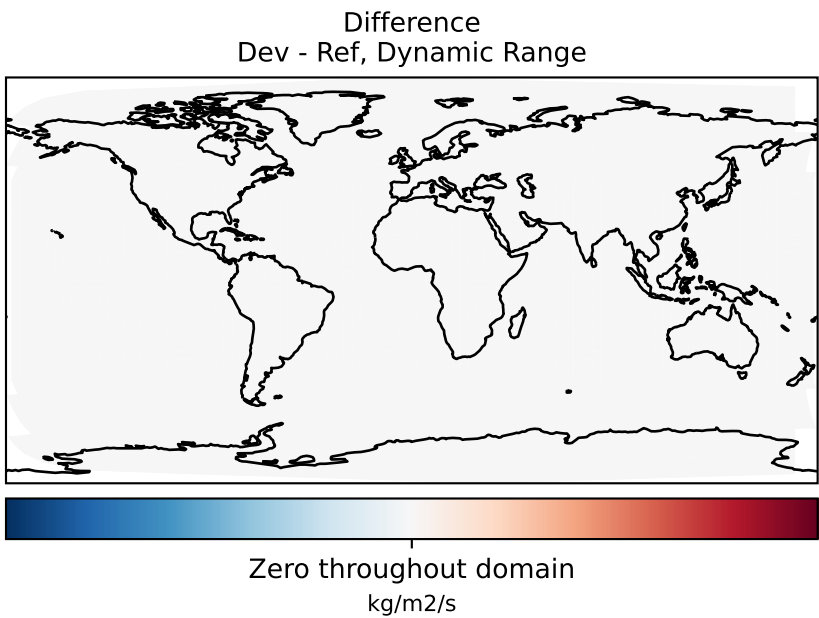
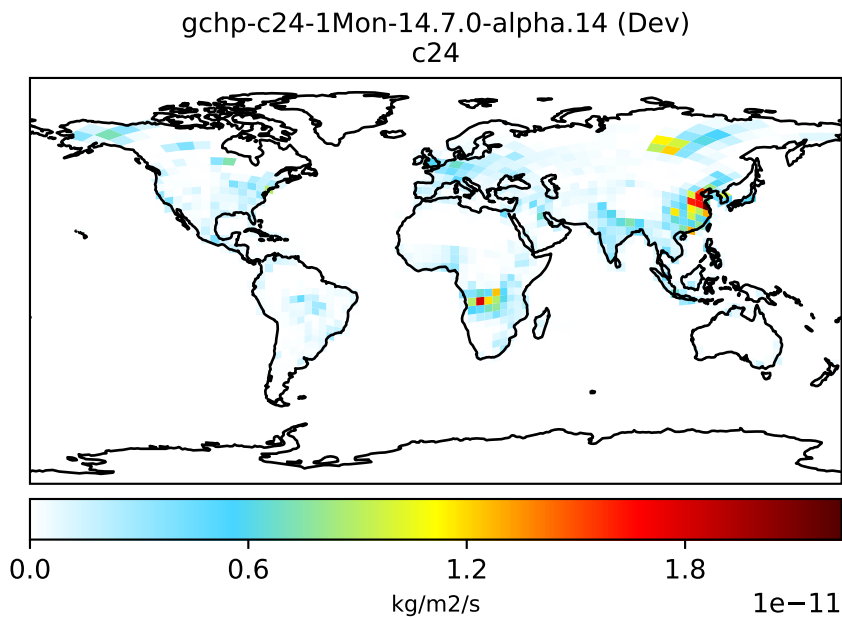
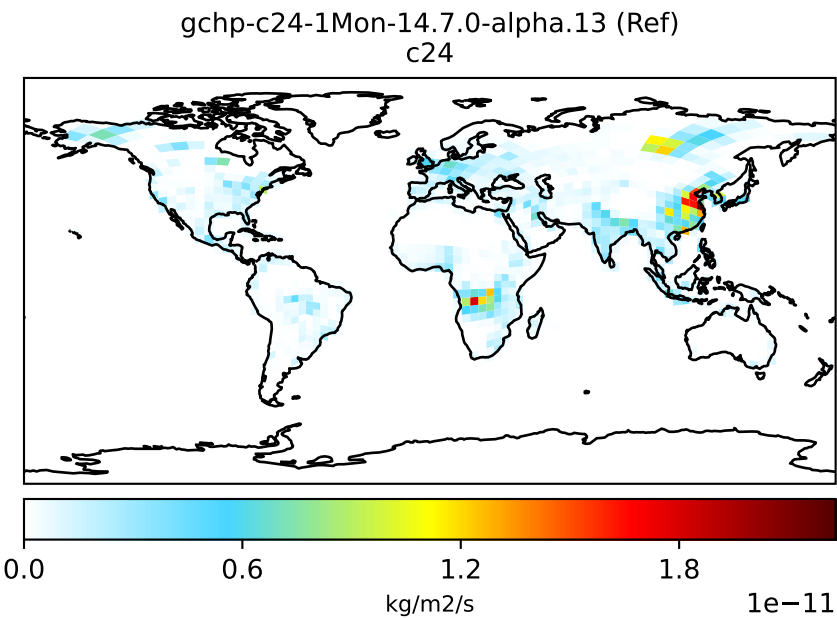
Ratio  
Dev/Ref, Fixed Range



# EmisMACR\_Total



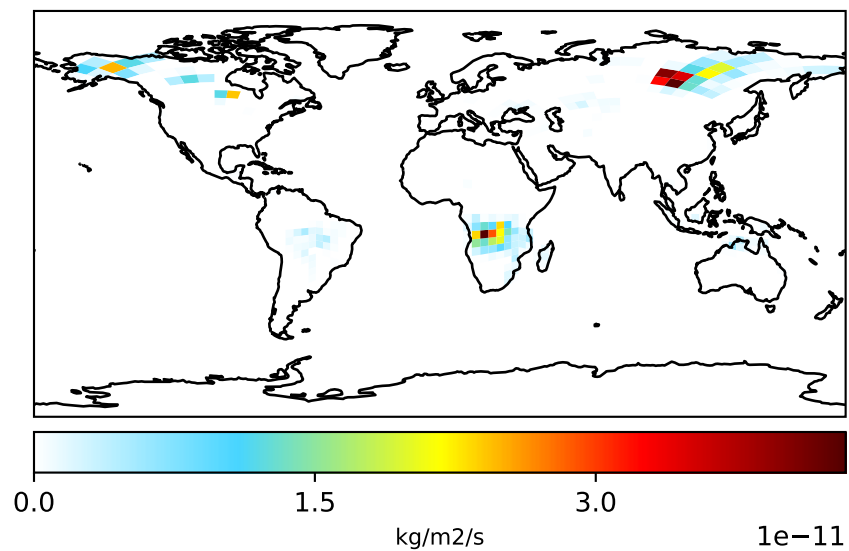
# EmisMEK\_Total



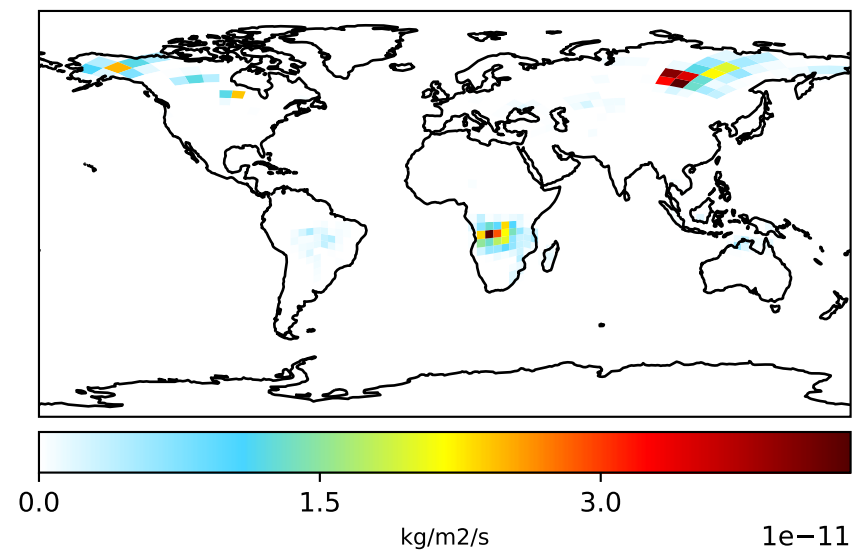


# EmisMGLY\_Total

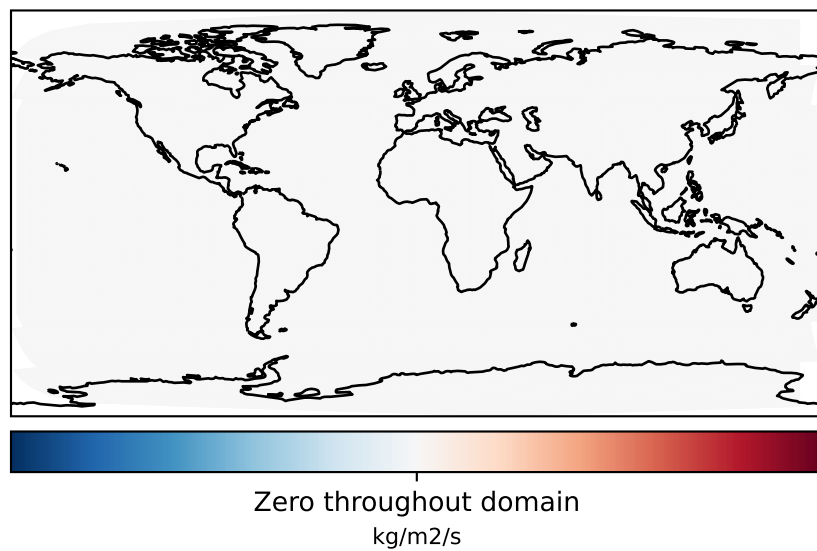
gchp-c24-1Mon-14.7.0-alpha.13 (Ref)  
c24



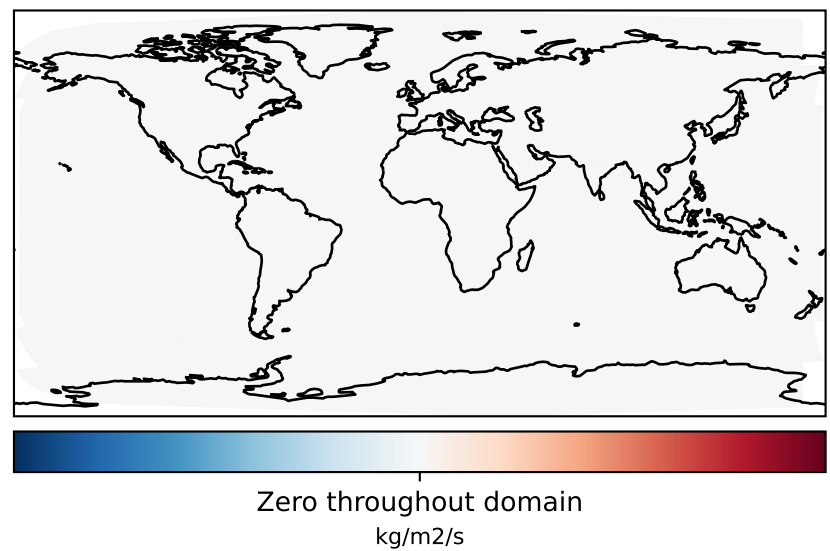
gchp-c24-1Mon-14.7.0-alpha.14 (Dev)  
c24



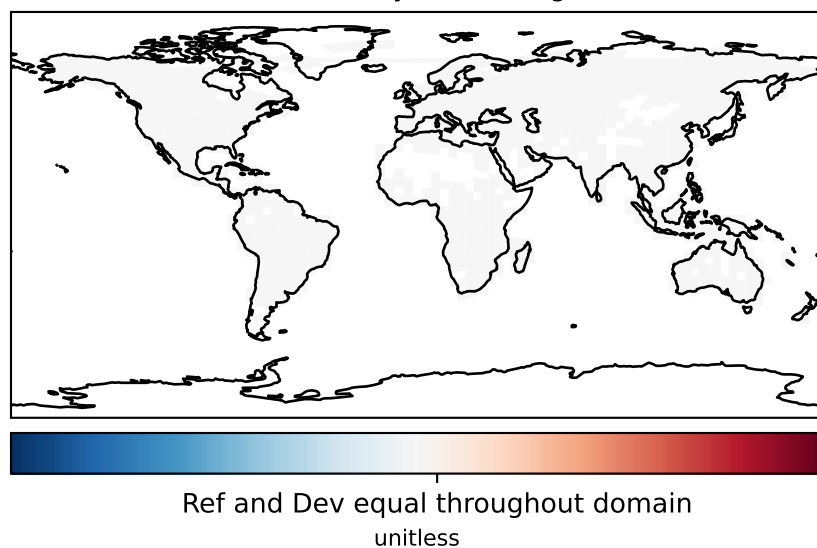
Difference  
Dev - Ref, Dynamic Range



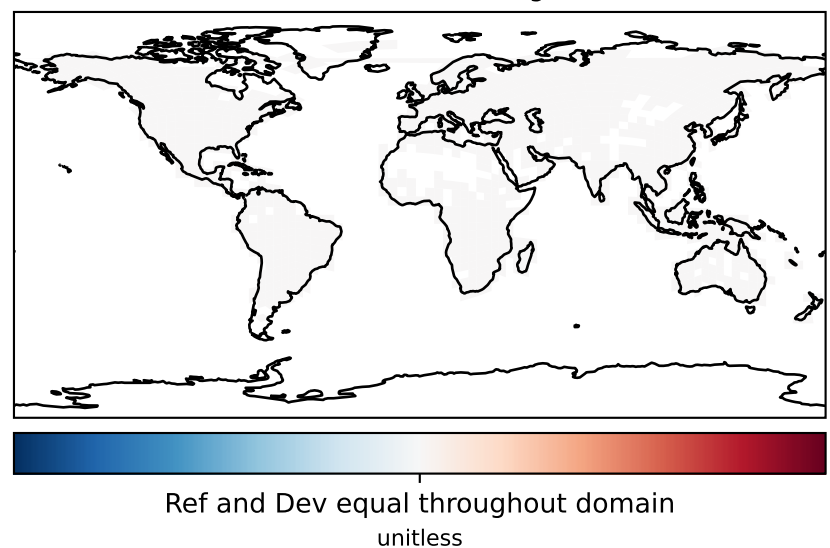
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

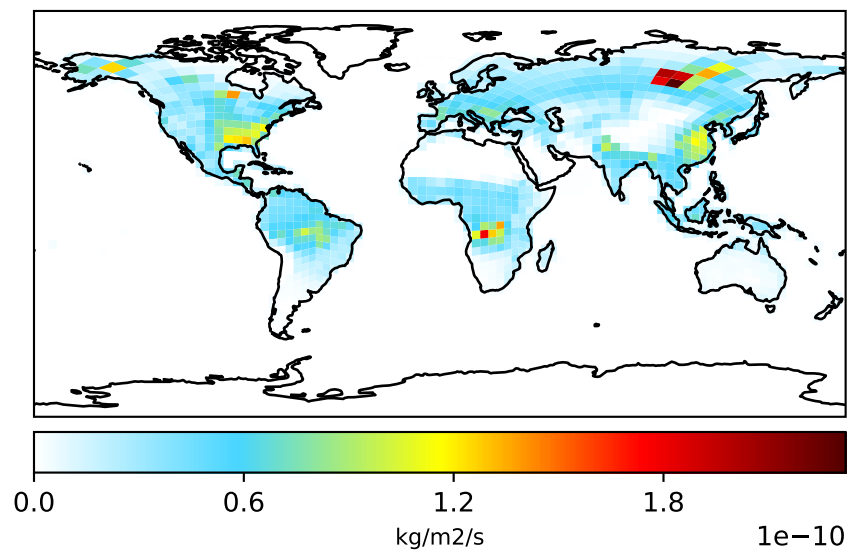


Ratio  
Dev/Ref, Fixed Range

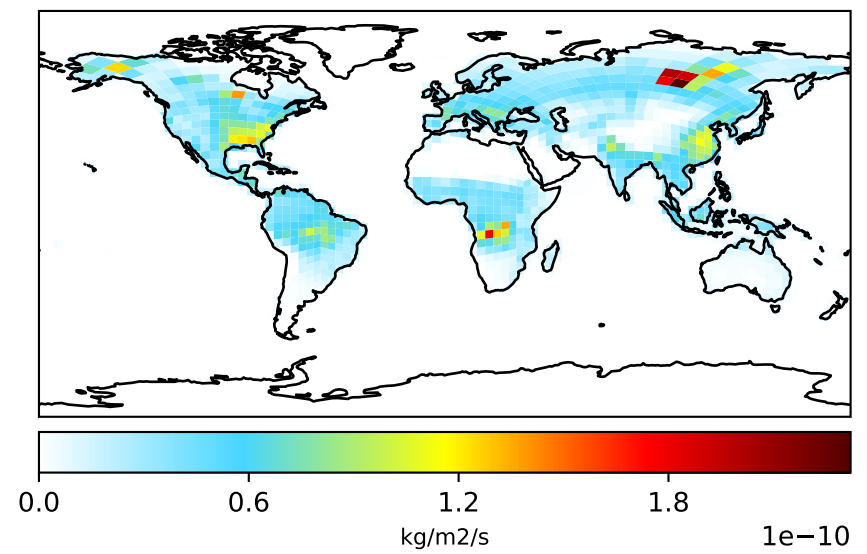


# EmisMOH\_Total

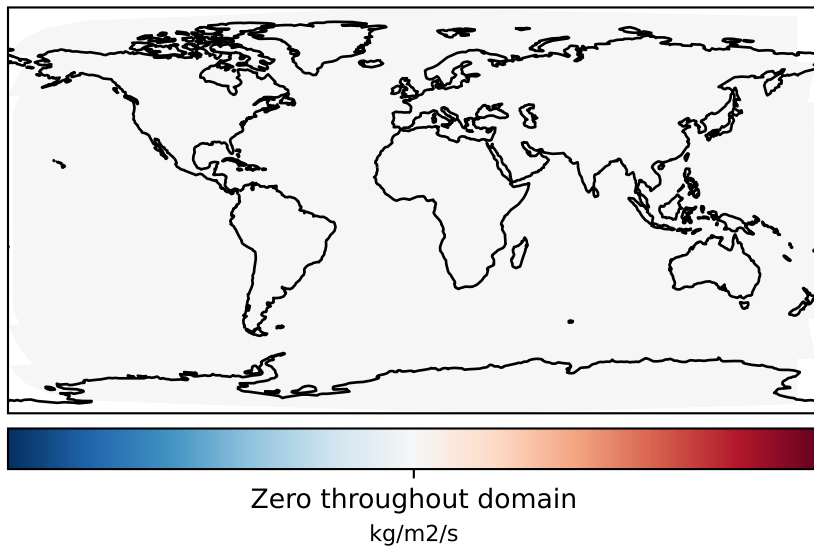
gchp-c24-1Mon-14.7.0-alpha.13 (Ref)  
c24



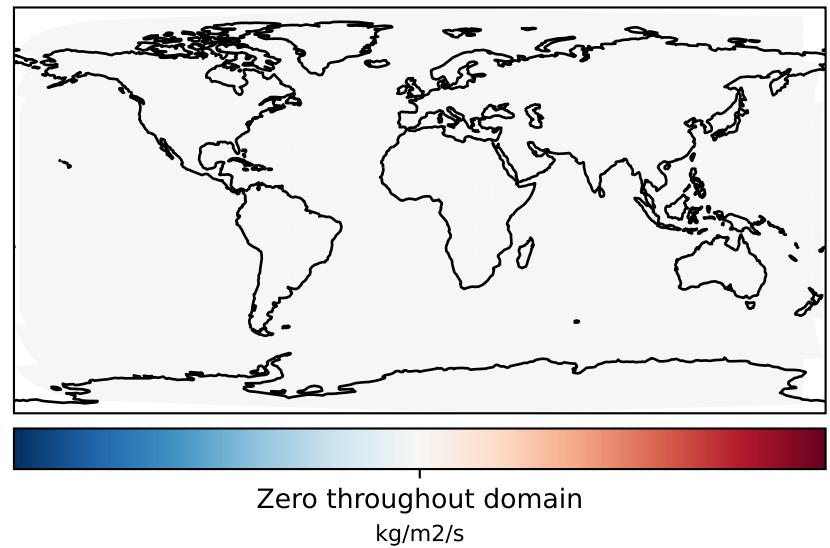
gchp-c24-1Mon-14.7.0-alpha.14 (Dev)  
c24



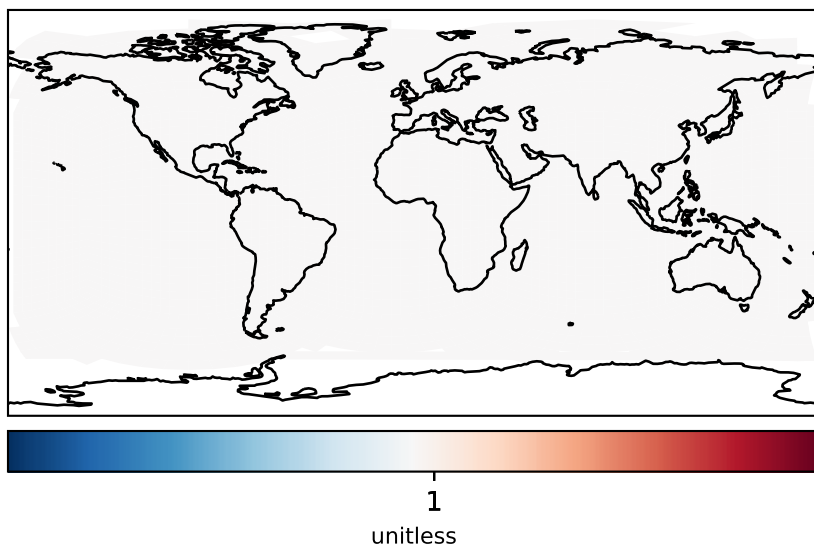
Difference  
Dev - Ref, Dynamic Range



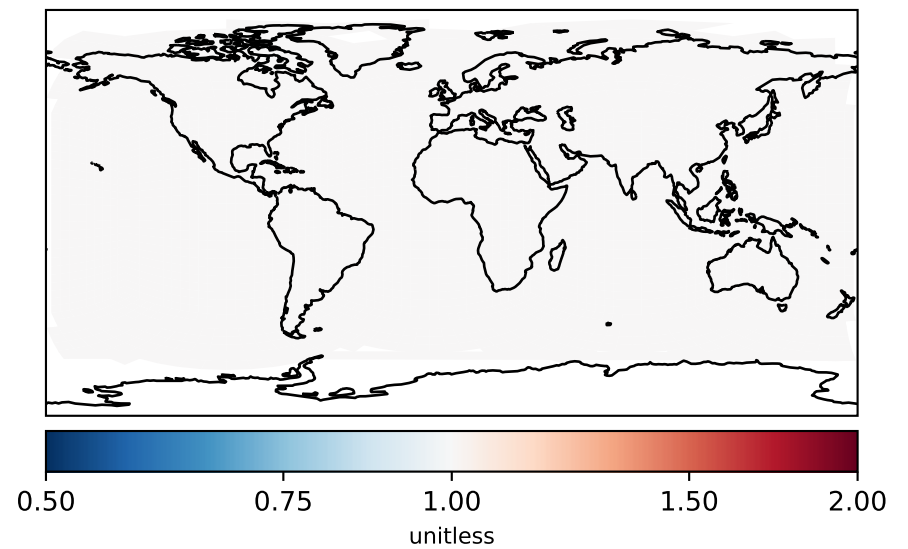
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

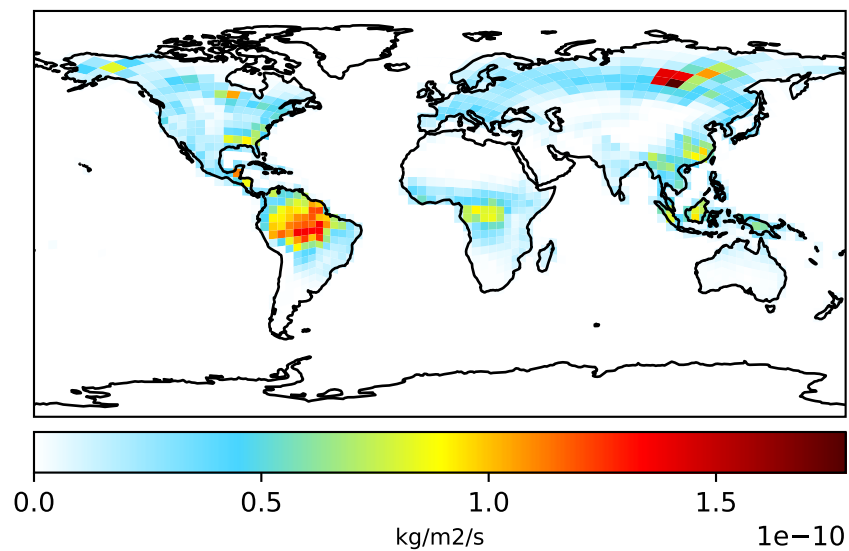


Ratio  
Dev/Ref, Fixed Range

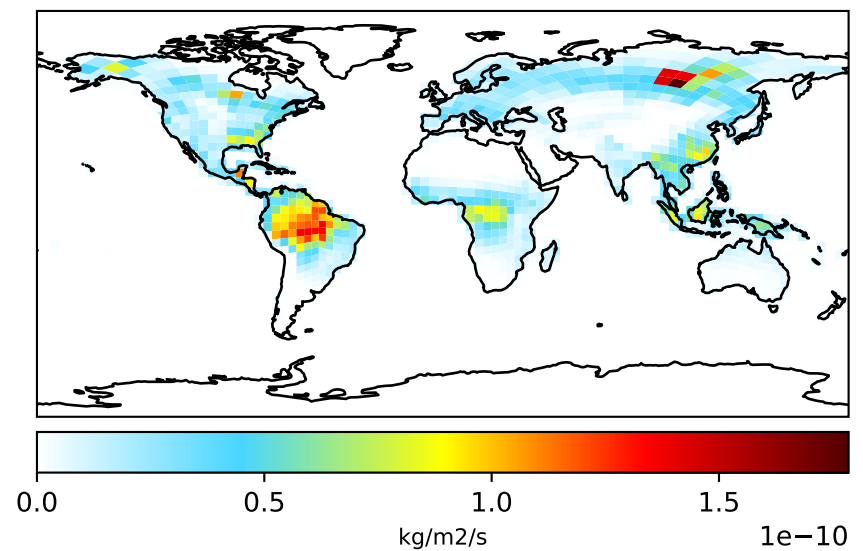


# EmisMTPA\_Total

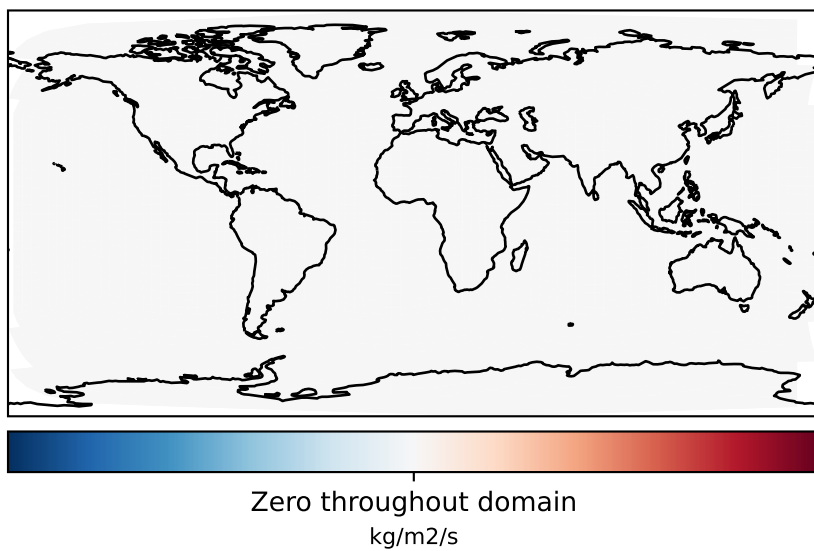
gchp-c24-1Mon-14.7.0-alpha.13 (Ref)  
c24



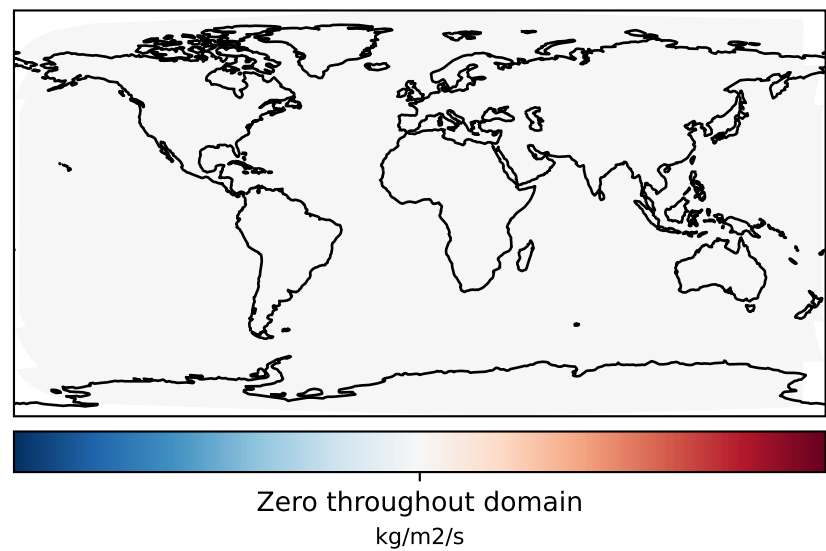
gchp-c24-1Mon-14.7.0-alpha.14 (Dev)  
c24



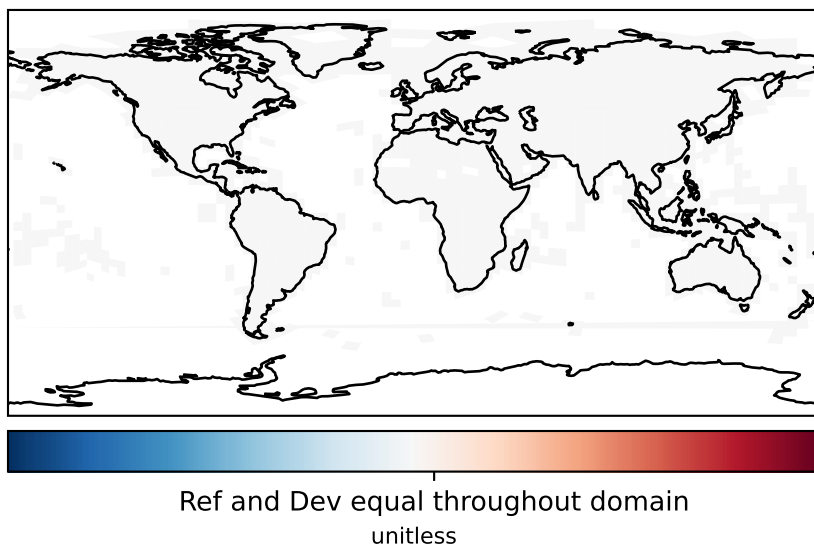
Difference  
Dev - Ref, Dynamic Range



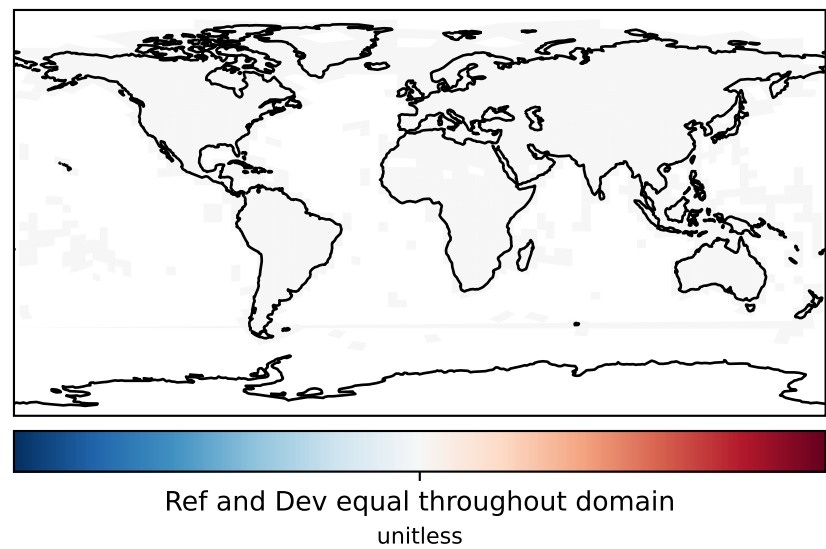
Difference  
Dev - Ref, Restricted Range [5%,95%]



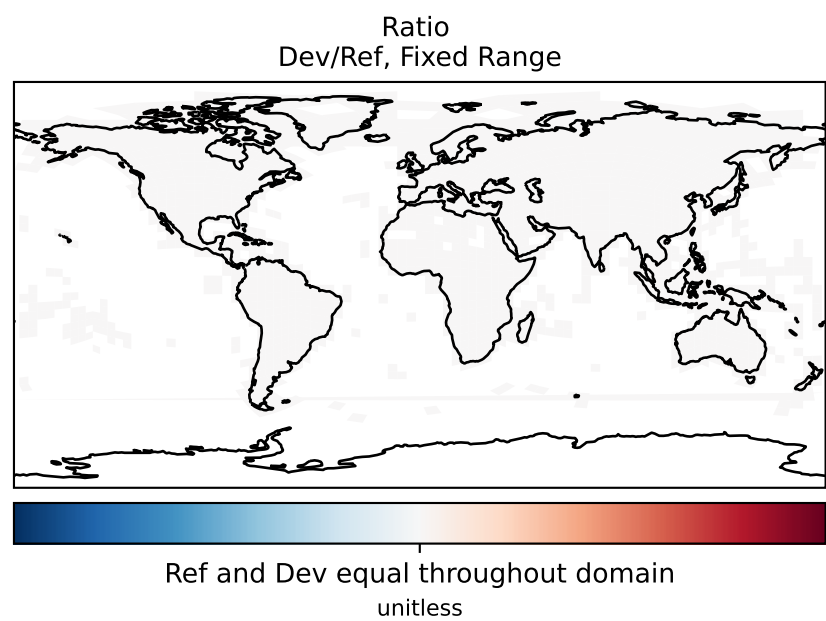
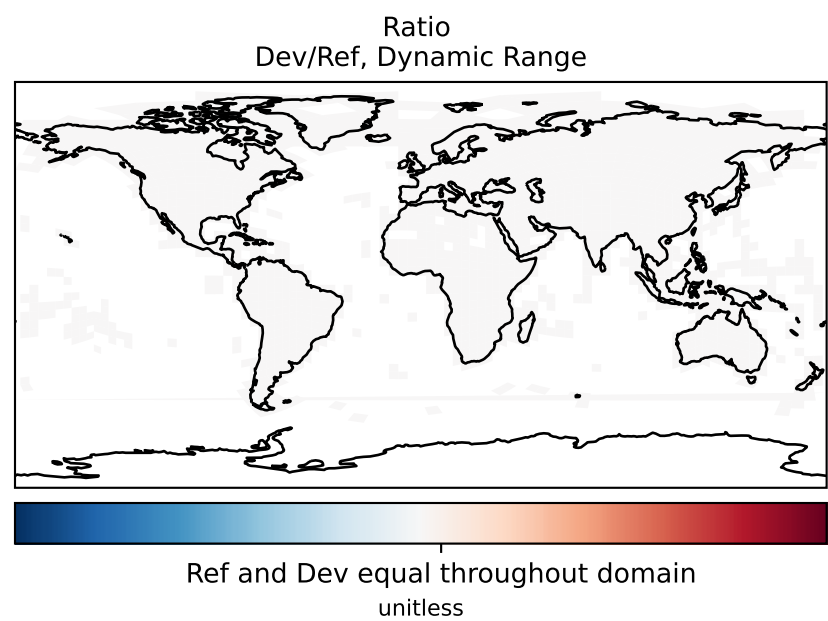
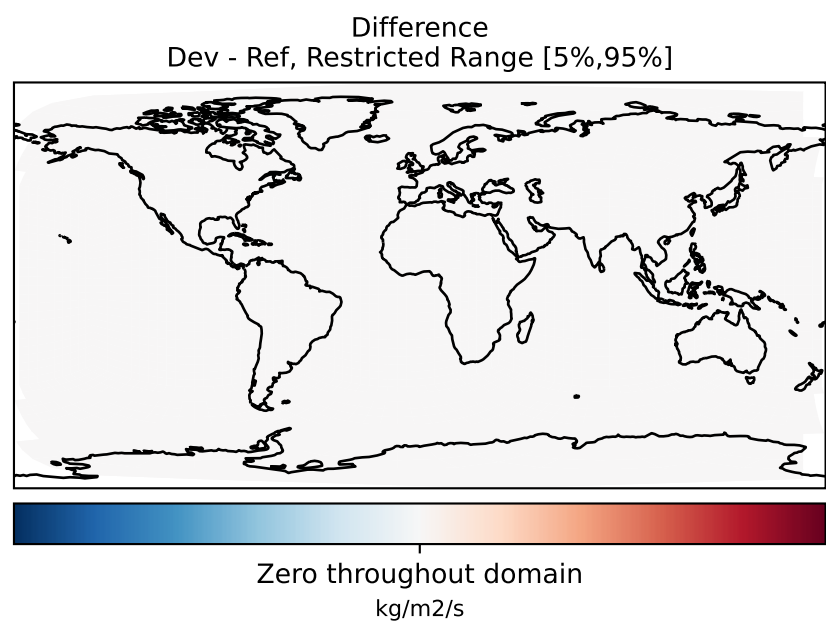
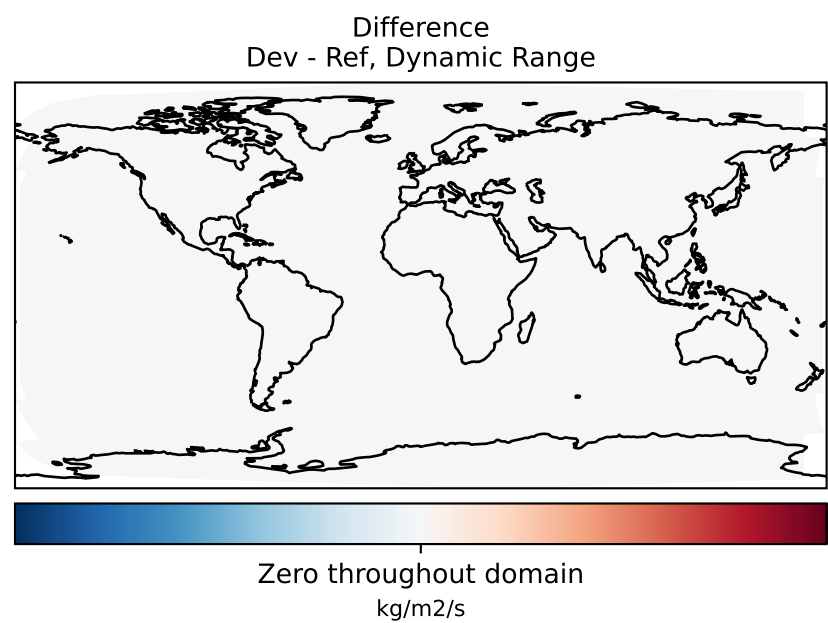
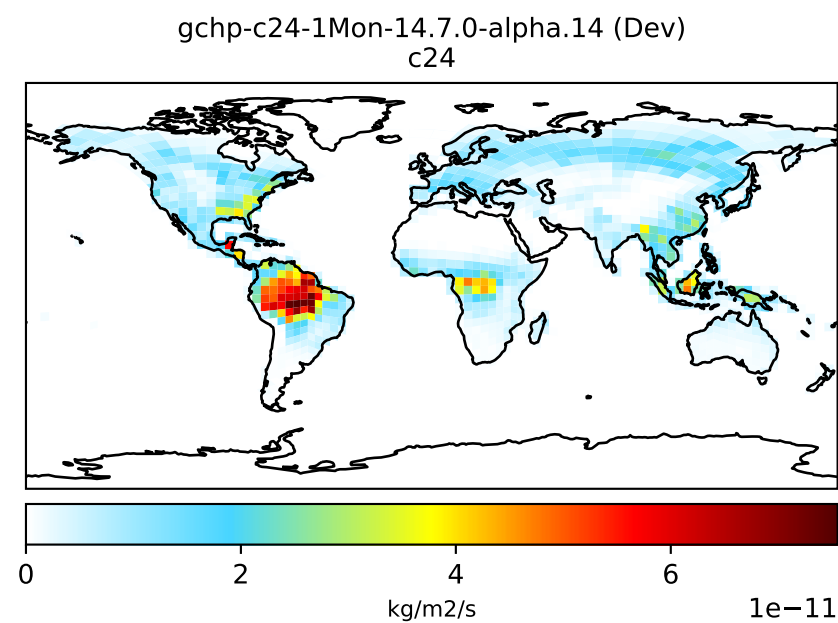
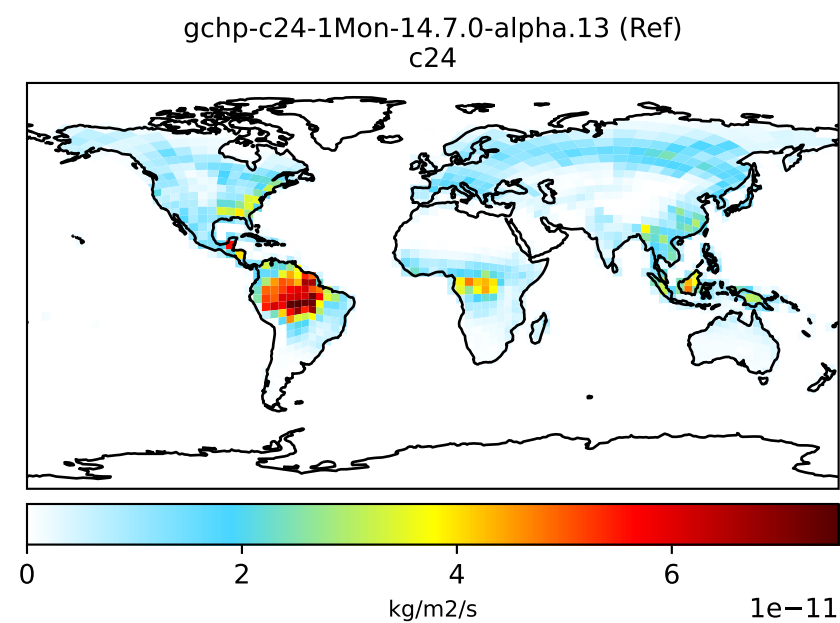
Ratio  
Dev/Ref, Dynamic Range



Ratio  
Dev/Ref, Fixed Range

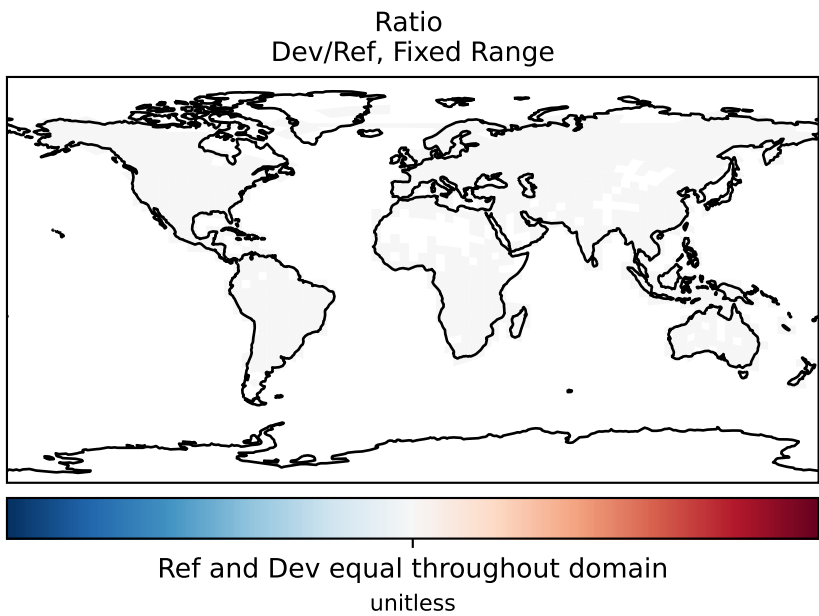
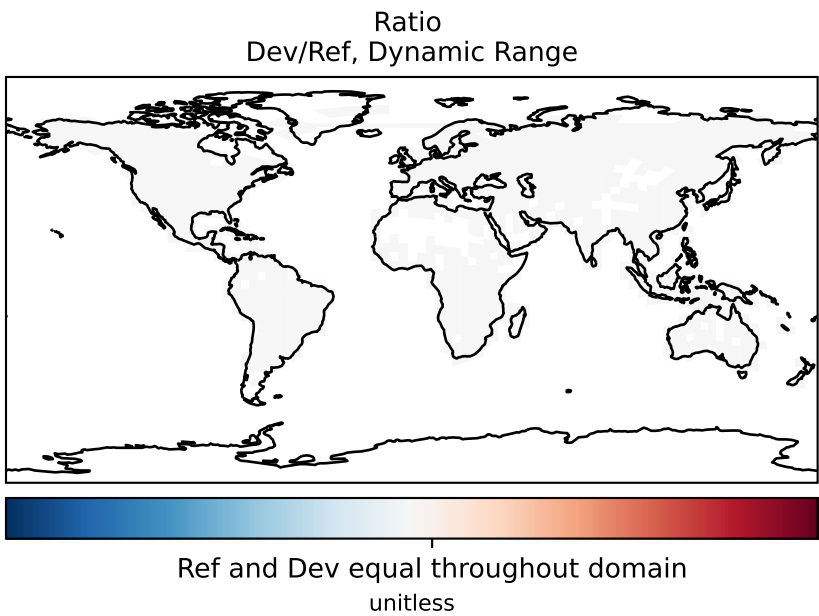
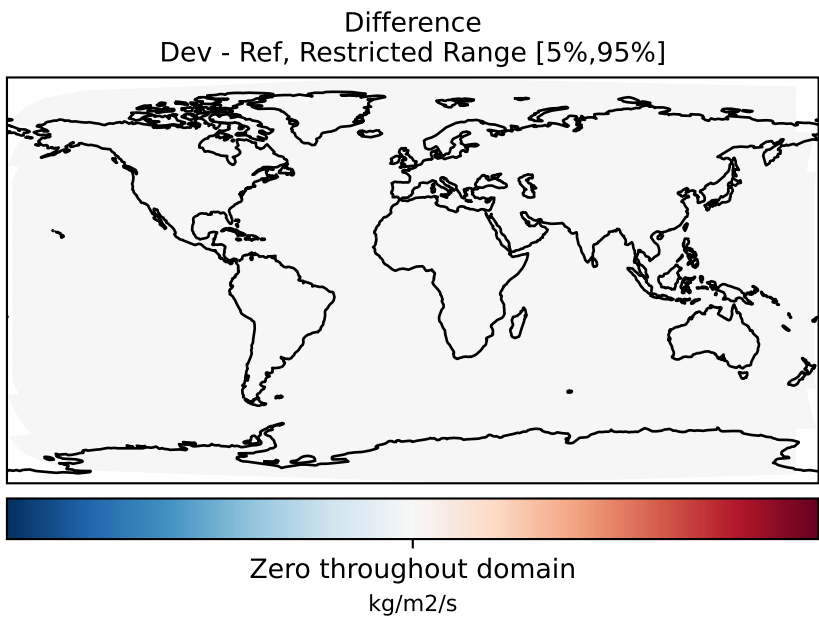
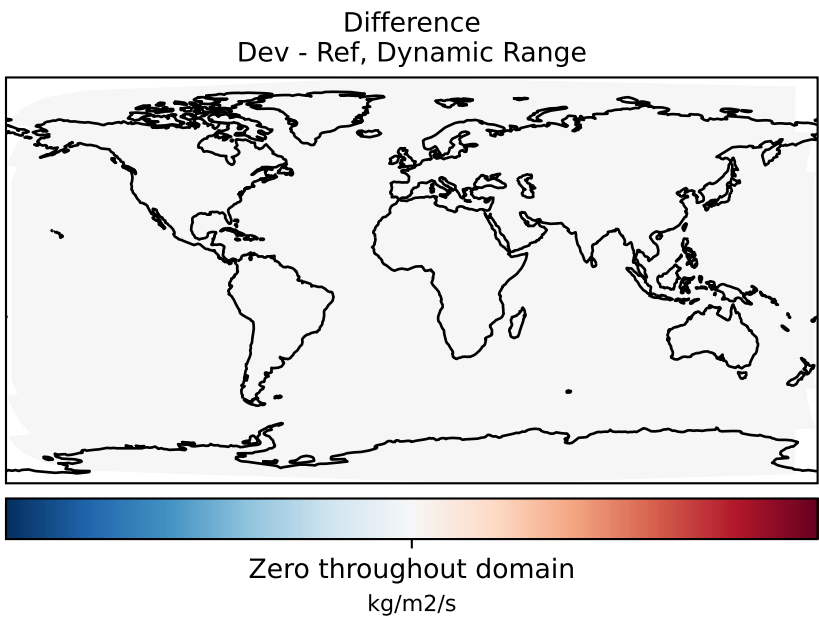
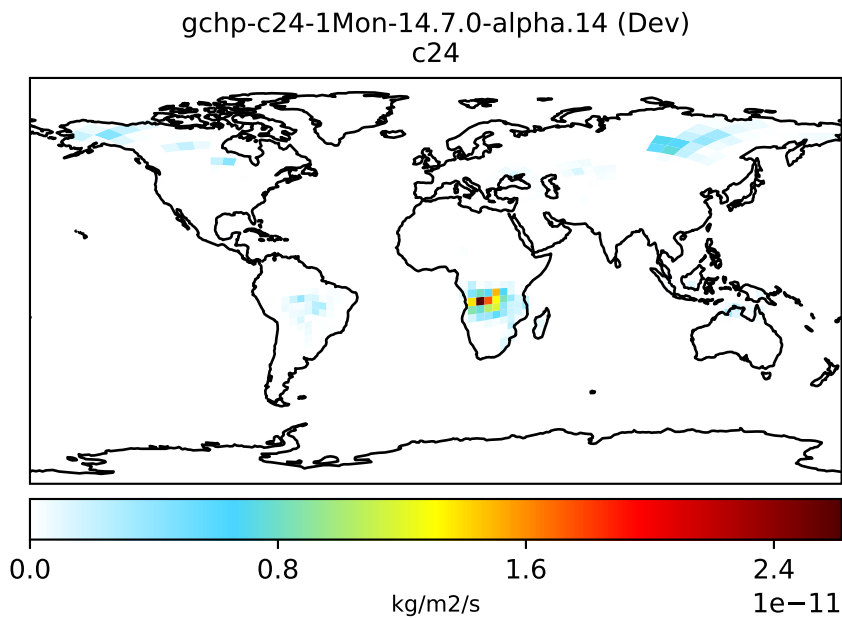
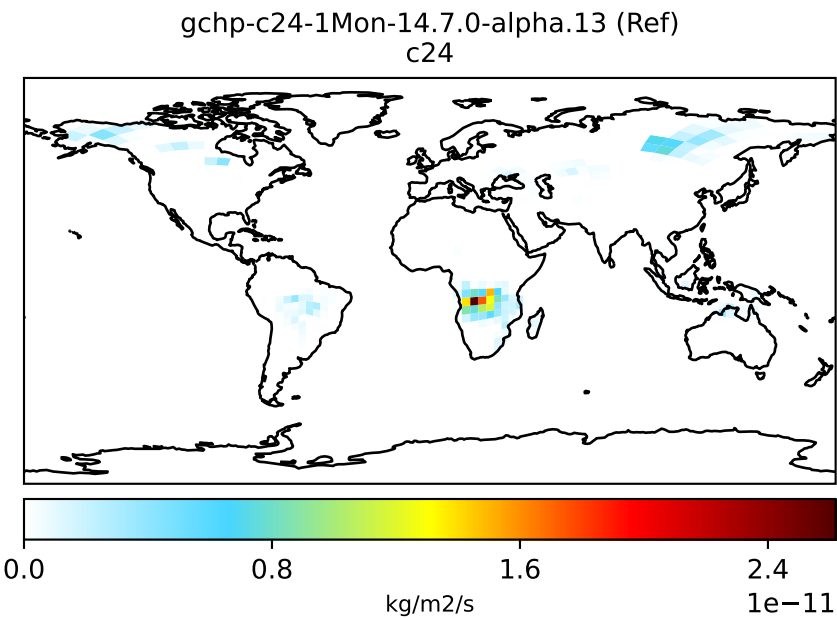


# EmisMTPO\_Total

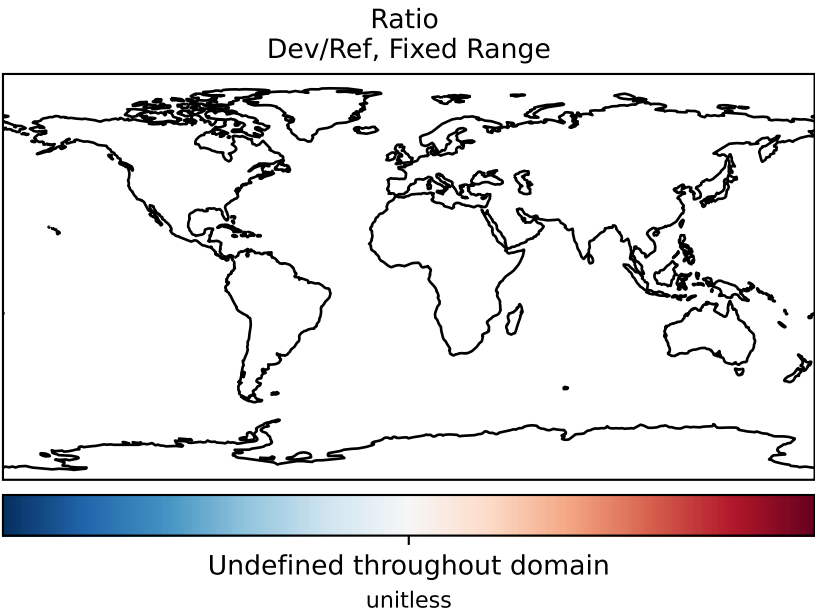
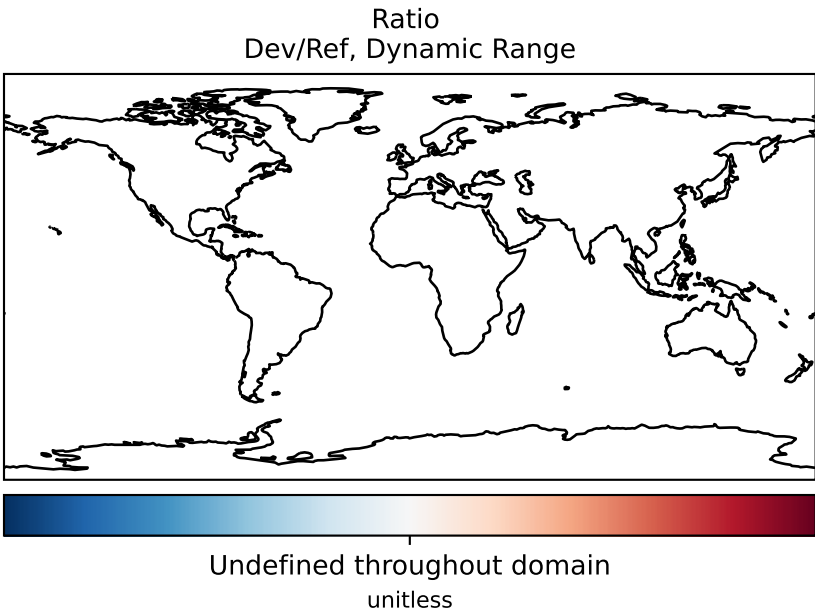
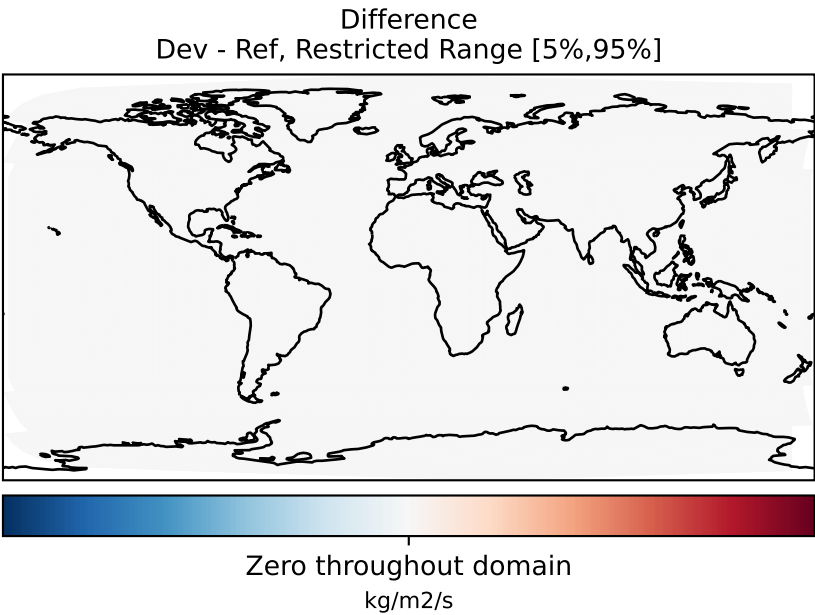
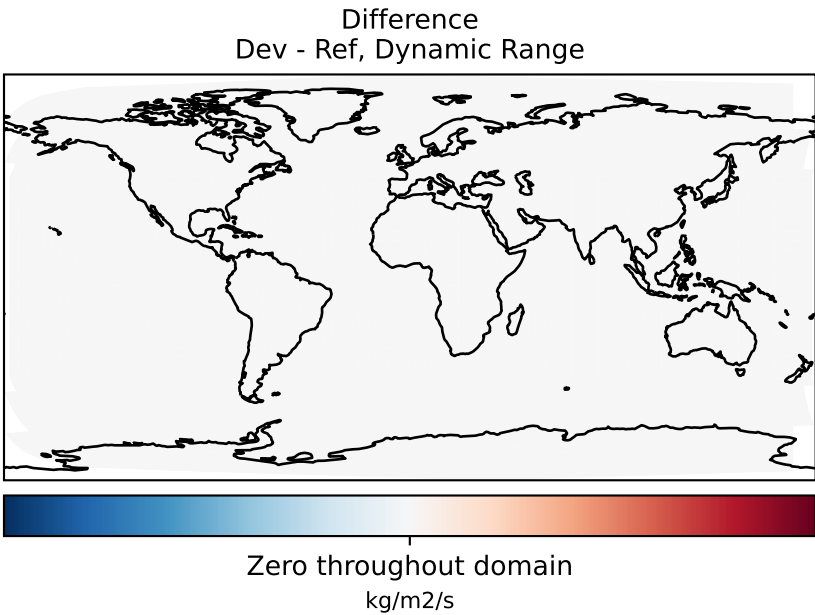
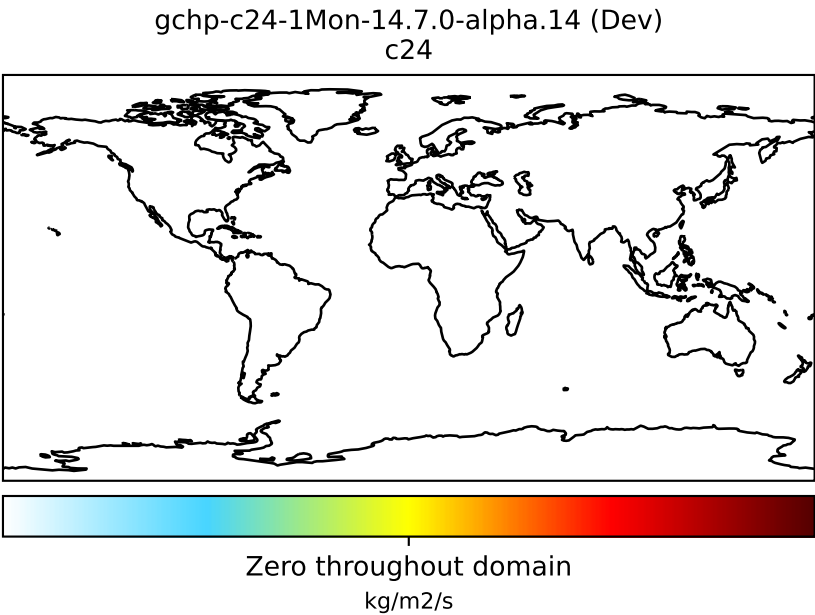
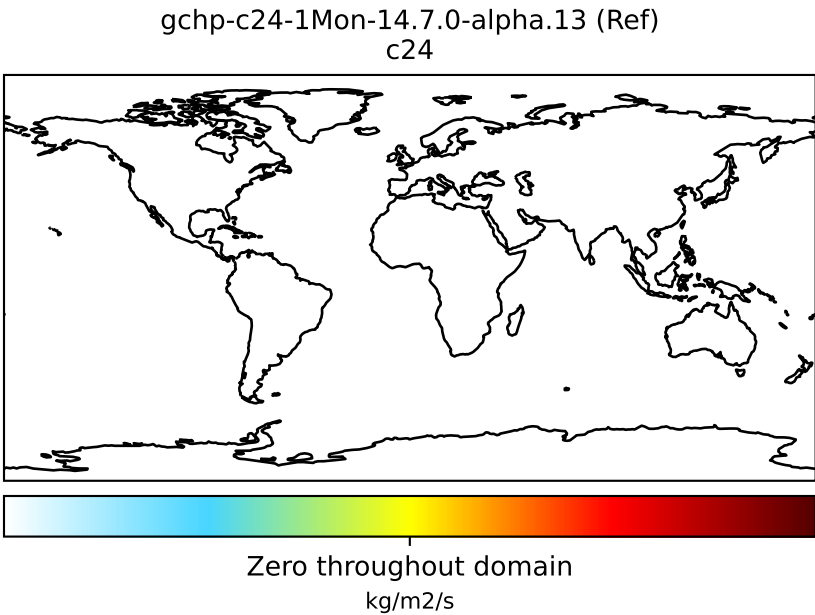




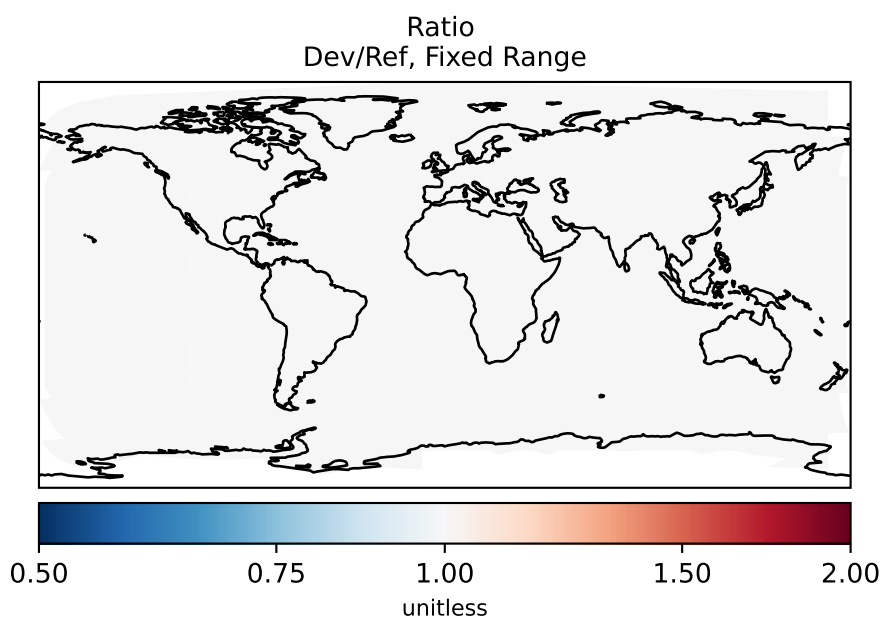
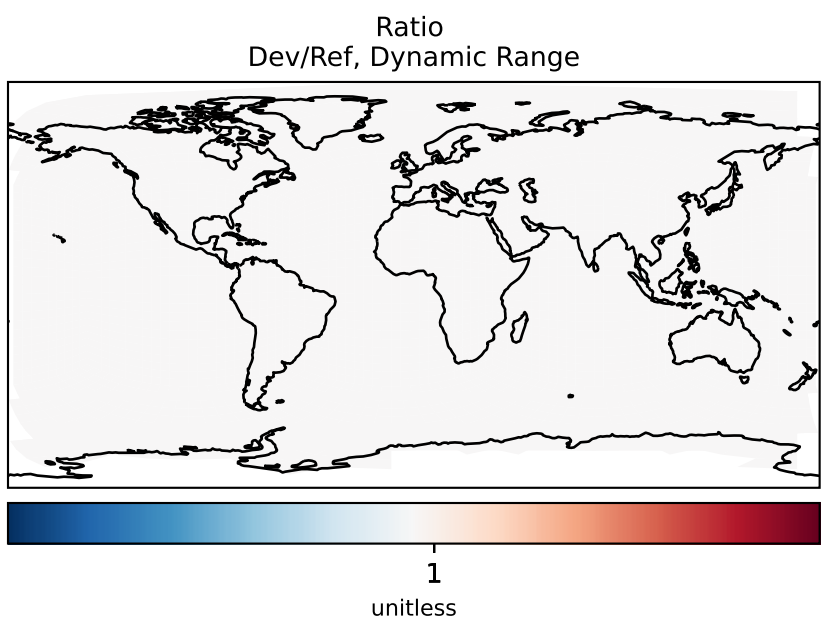
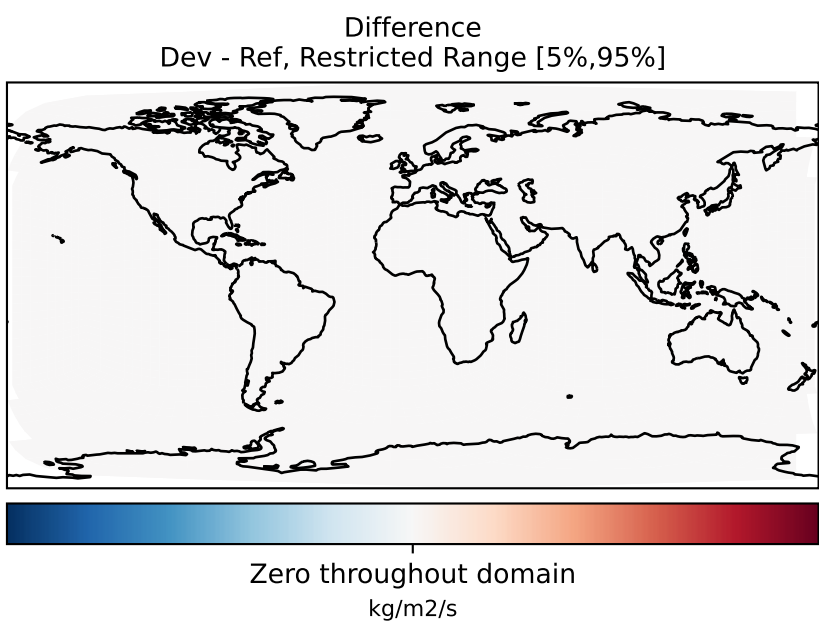
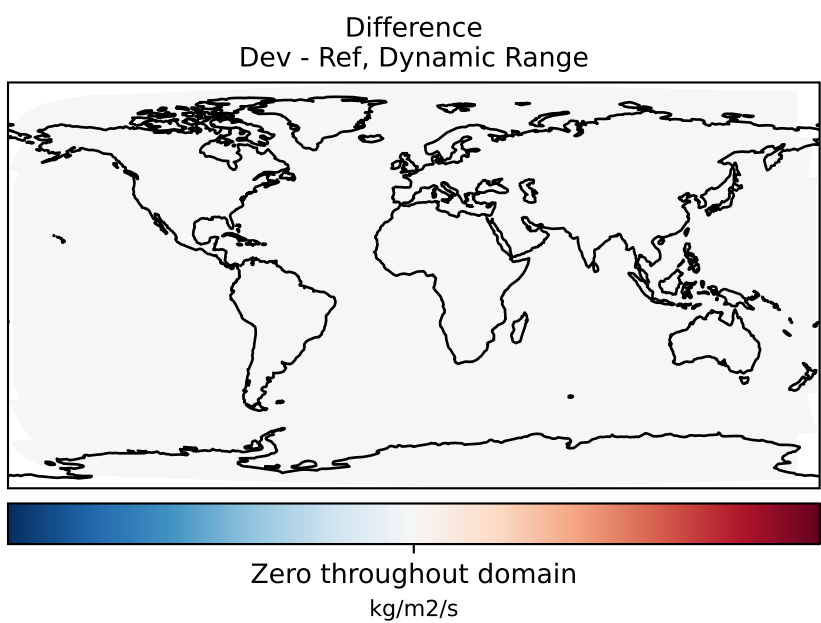
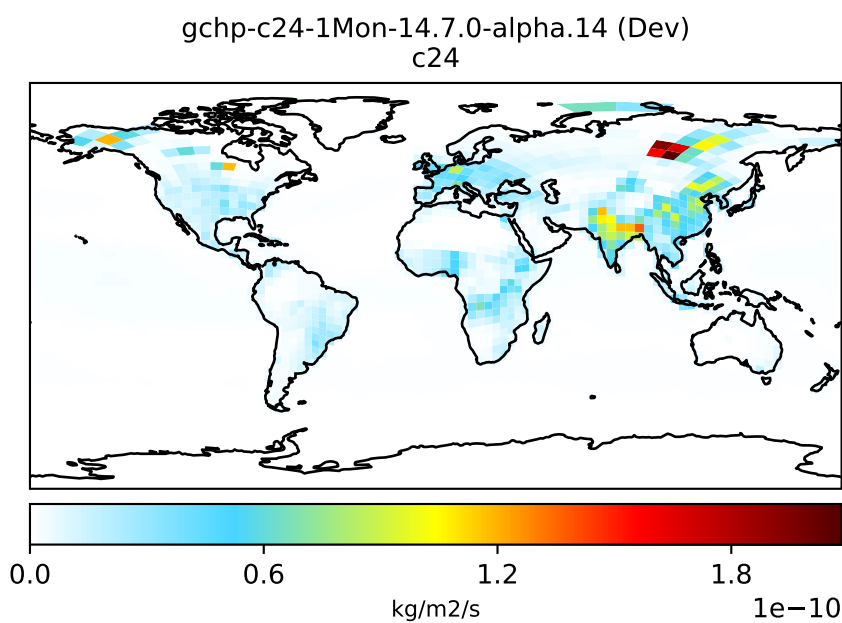
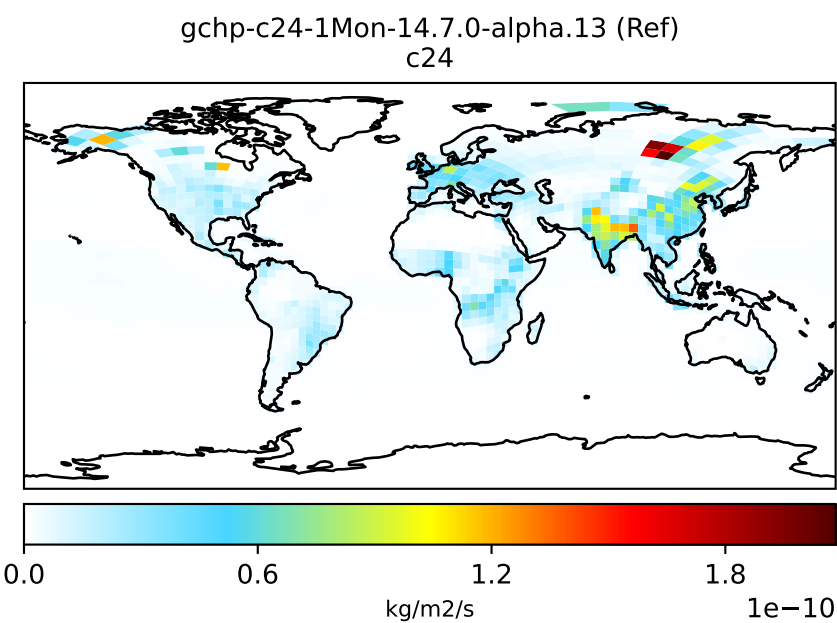
# EmisMVK\_Total



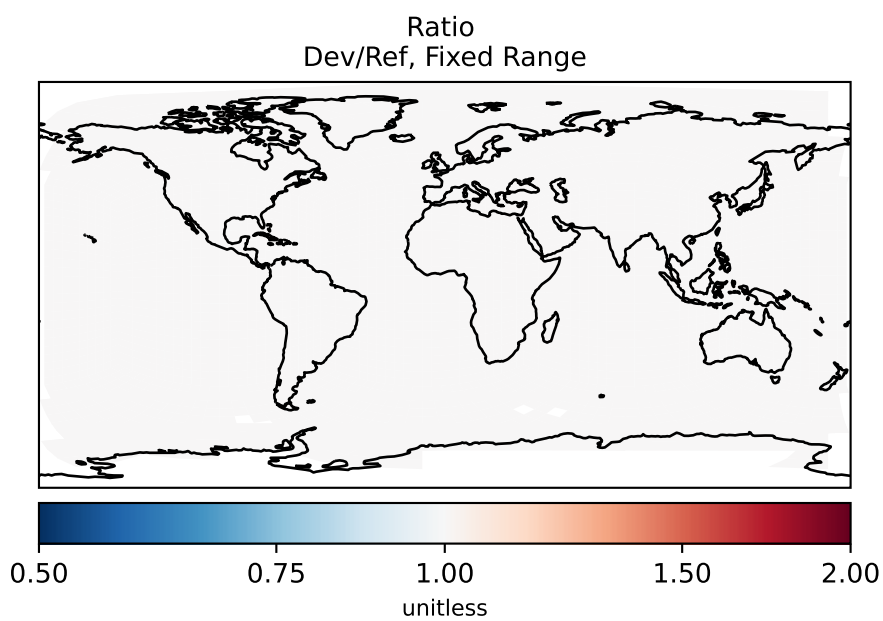
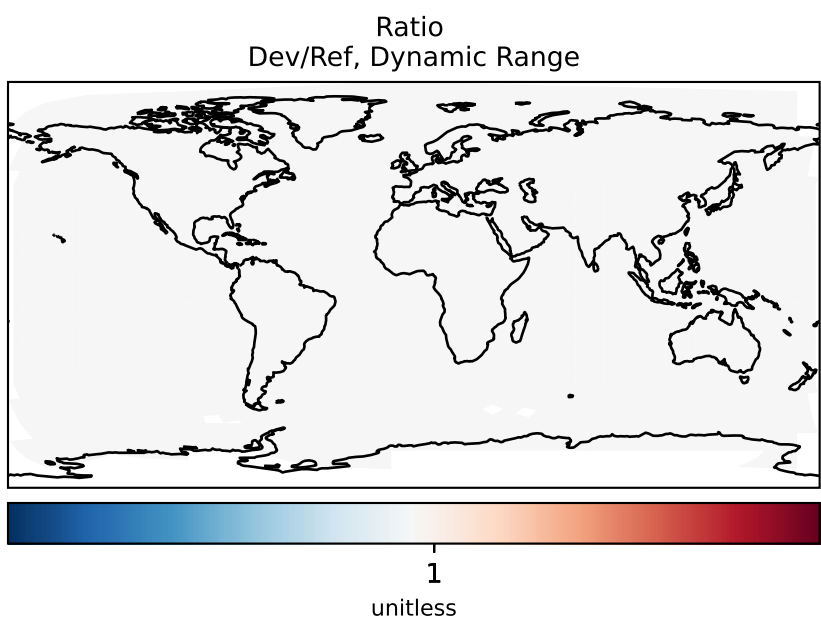
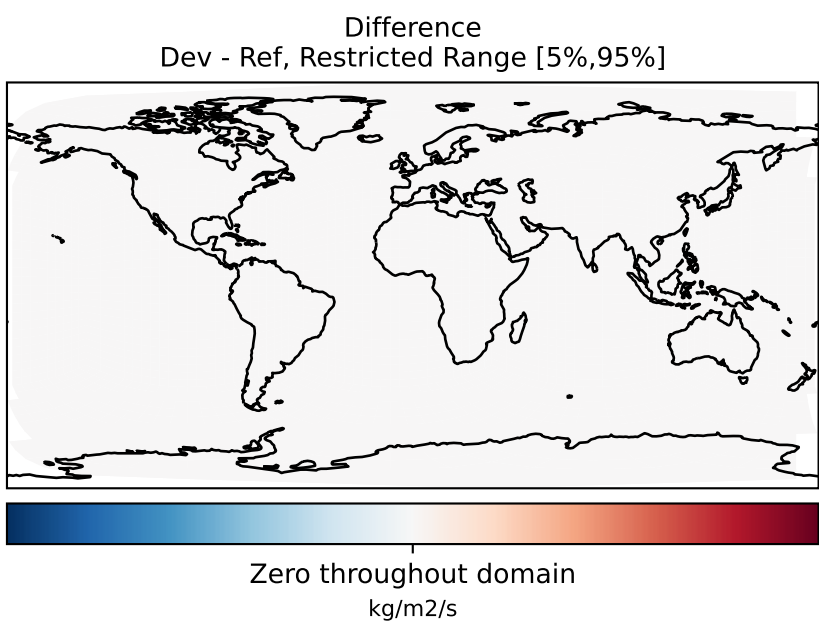
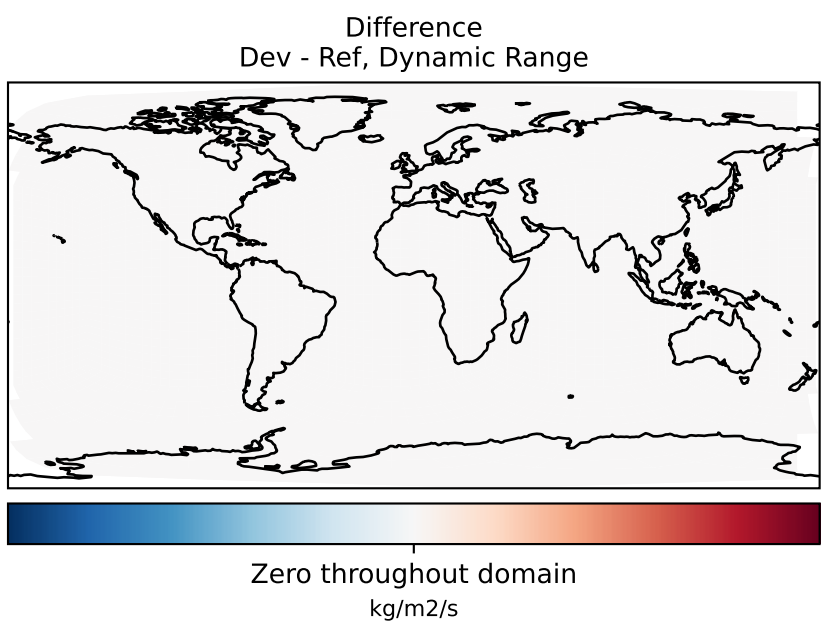
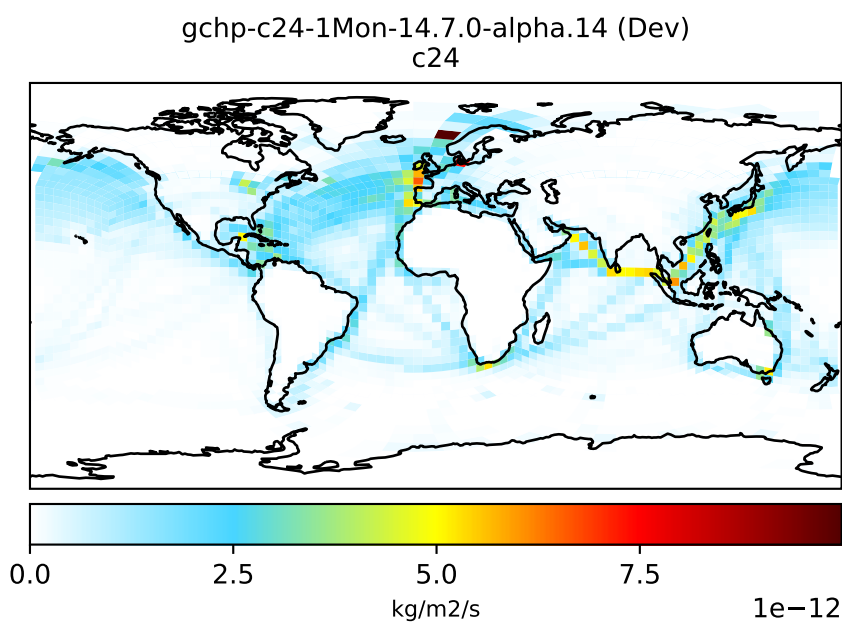
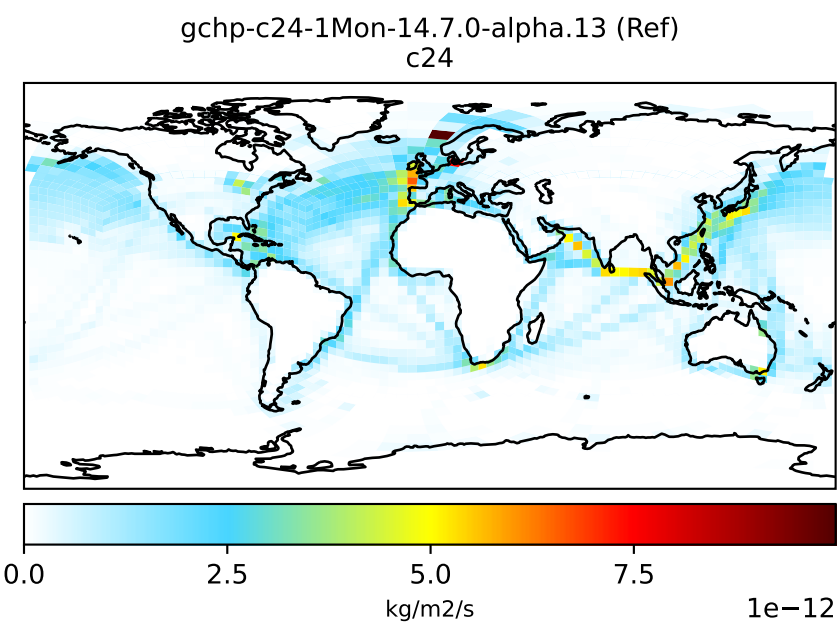
# EmisNAP\_Total



# EmisNH3\_Total



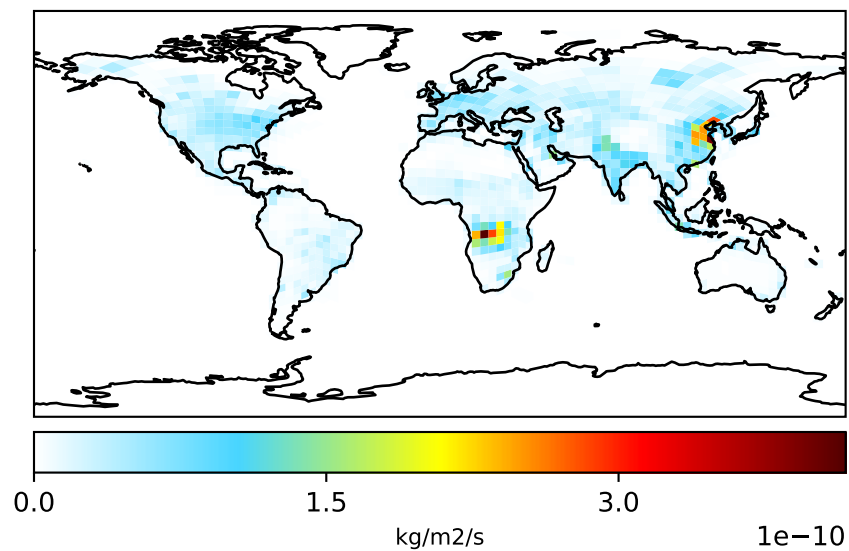
# EmisNO2\_Total



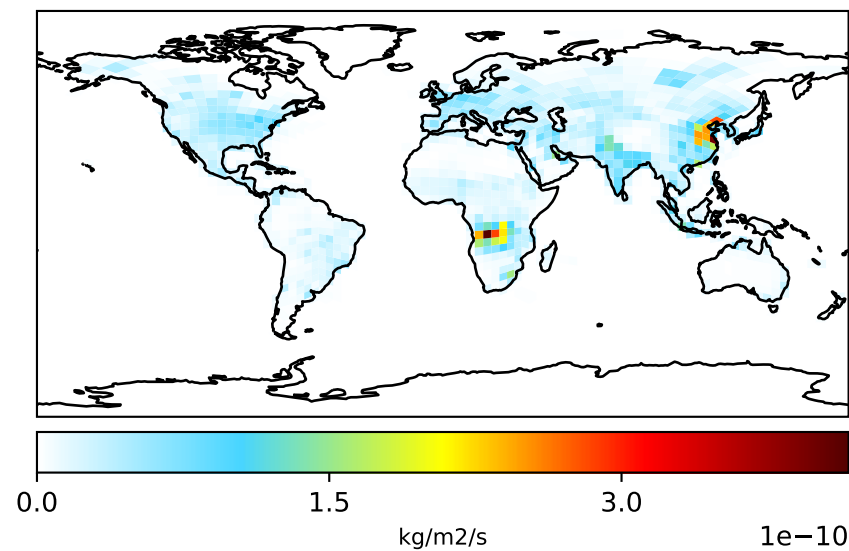


# EmisNO\_Total

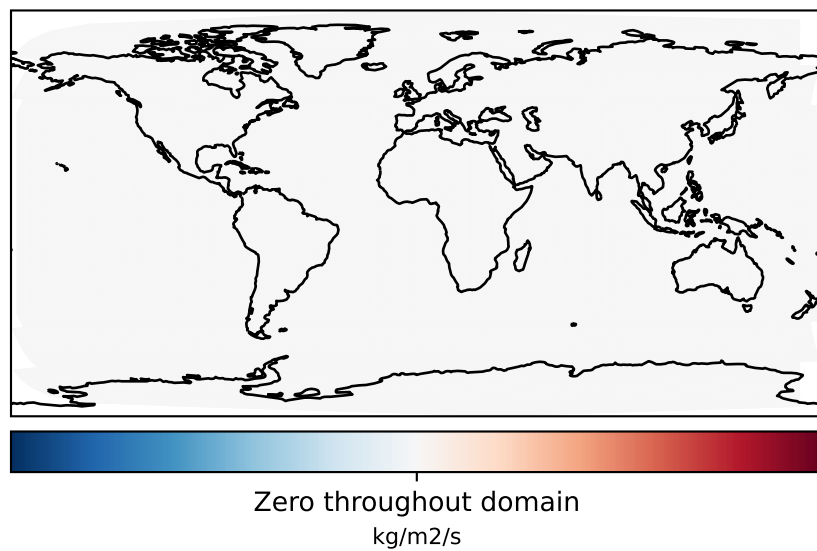
gchp-c24-1Mon-14.7.0-alpha.13 (Ref)  
c24



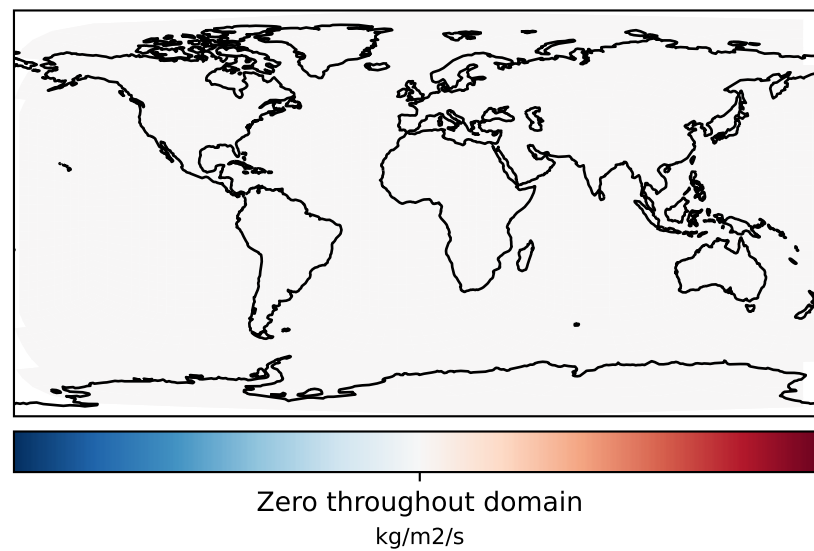
gchp-c24-1Mon-14.7.0-alpha.14 (Dev)  
c24



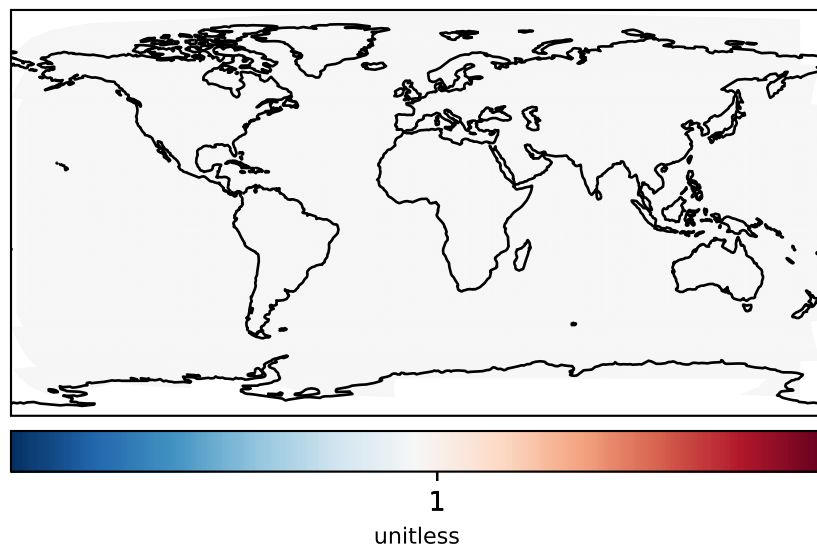
Difference  
Dev - Ref, Dynamic Range



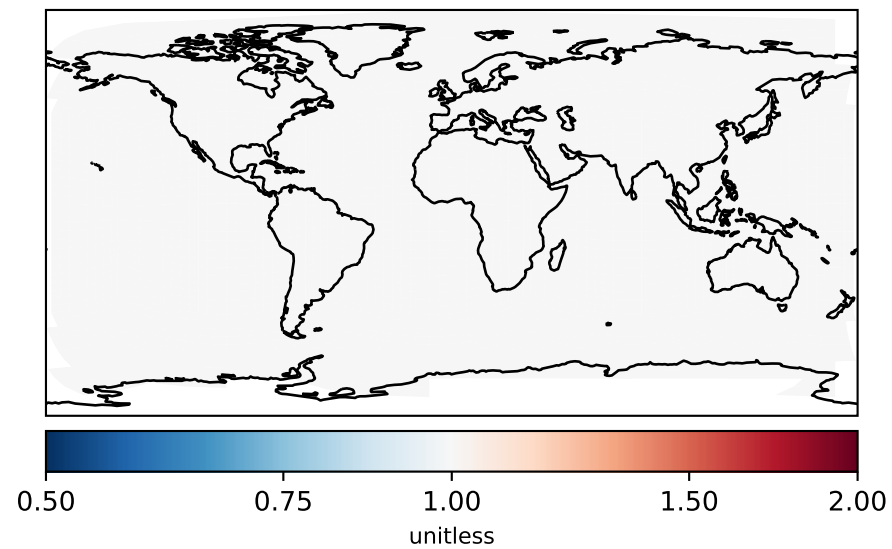
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

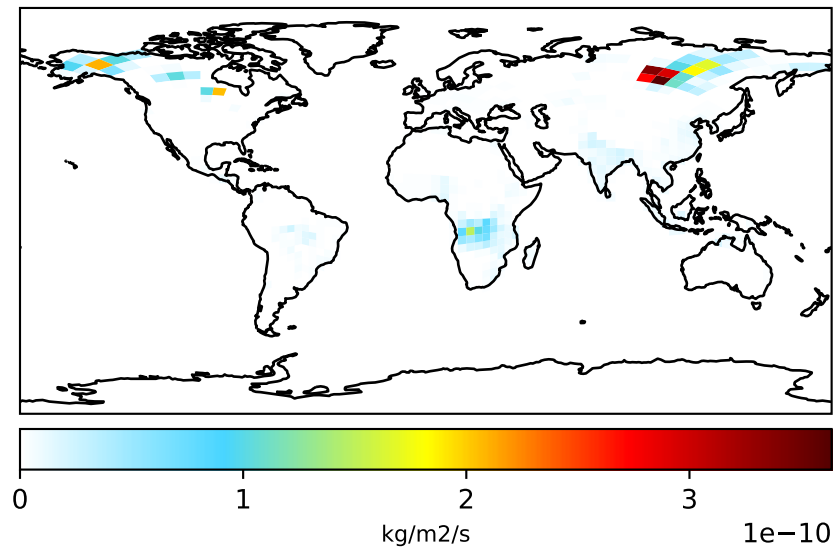


Ratio  
Dev/Ref, Fixed Range

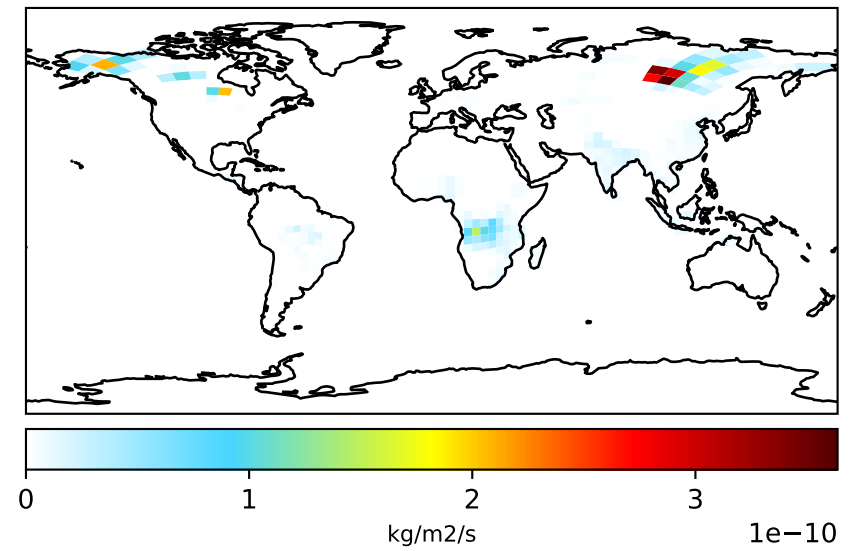


# EmisOCPI\_Total

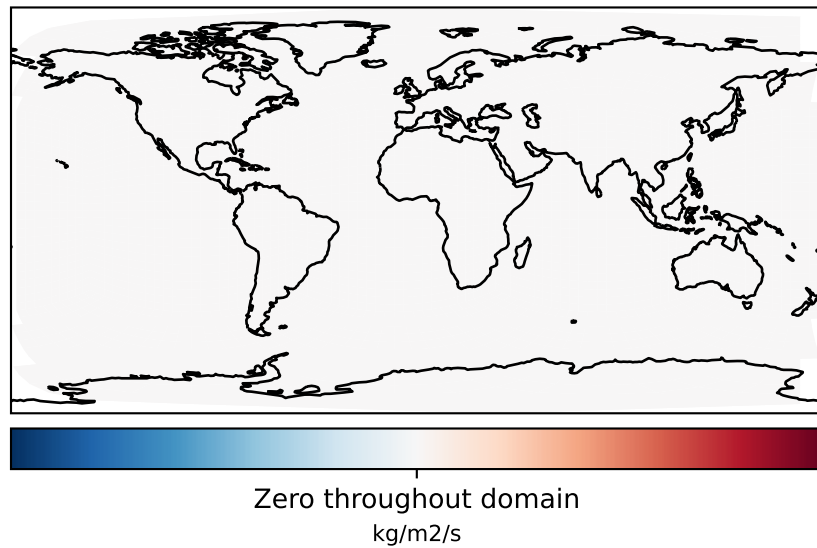
gchp-c24-1Mon-14.7.0-alpha.13 (Ref)  
c24



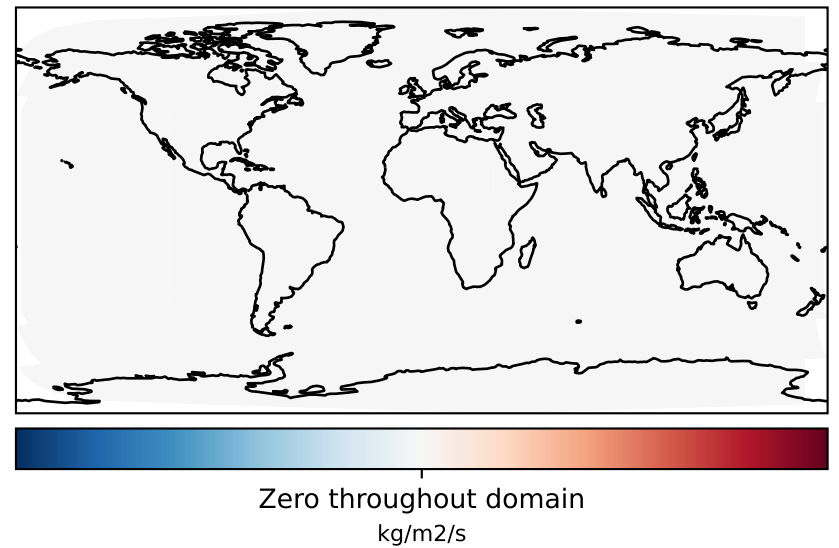
gchp-c24-1Mon-14.7.0-alpha.14 (Dev)  
c24



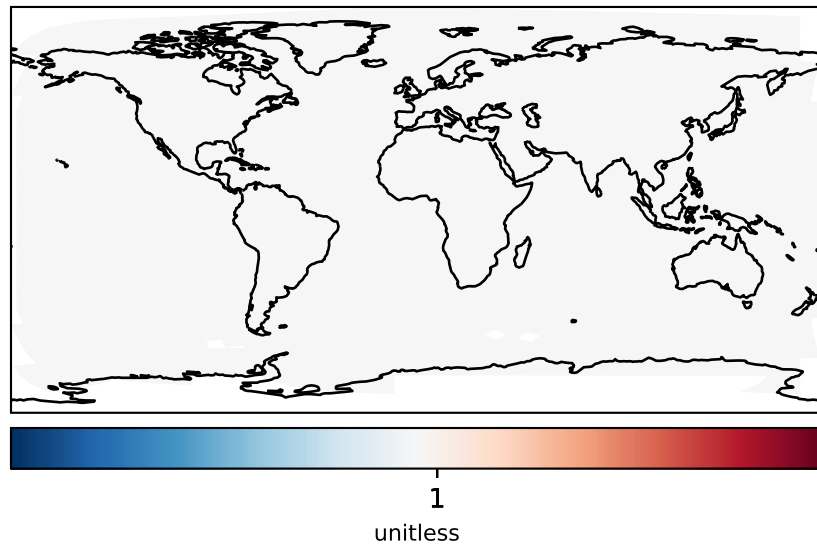
Difference  
Dev - Ref, Dynamic Range



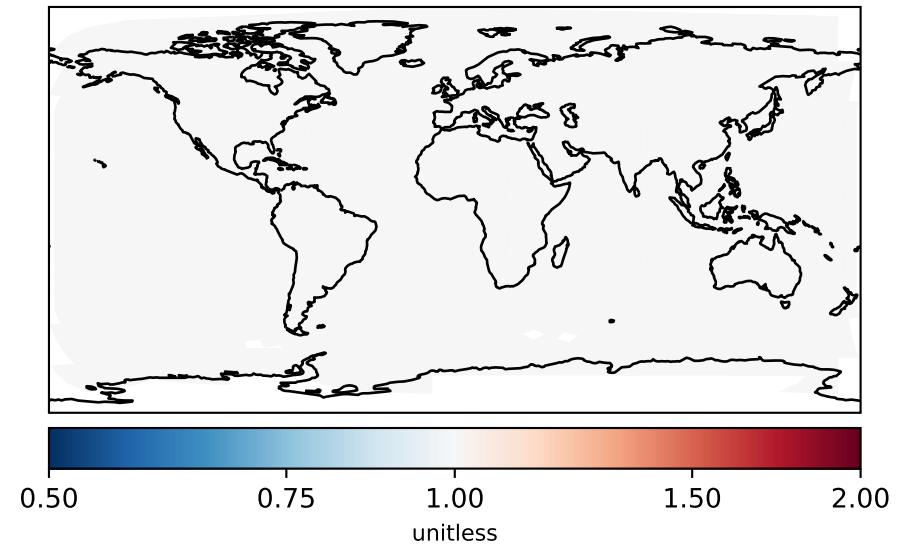
Difference  
Dev - Ref, Restricted Range [5%,95%]



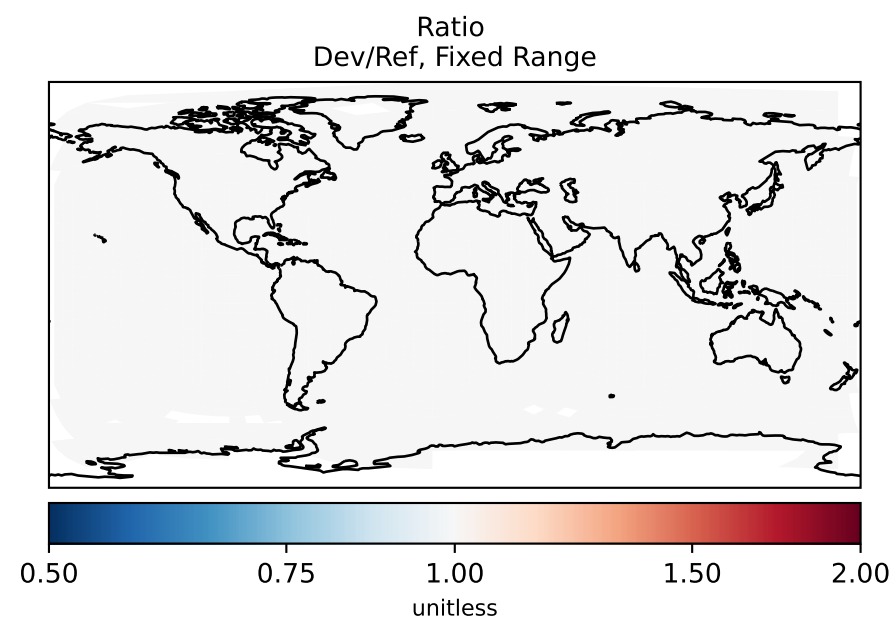
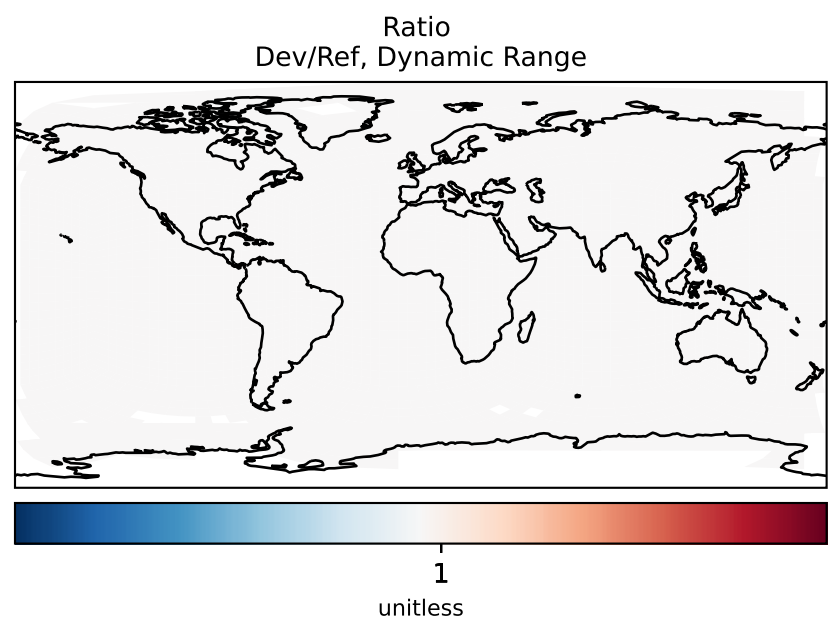
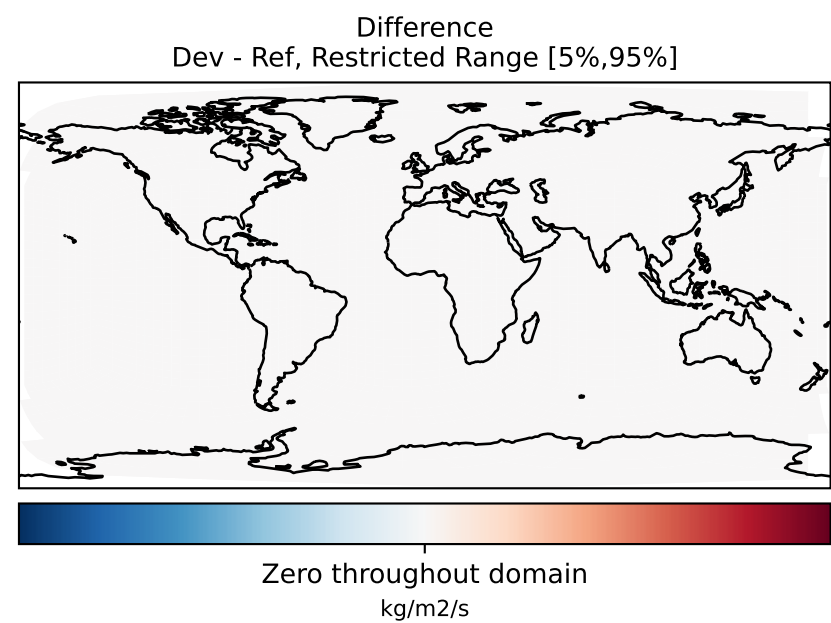
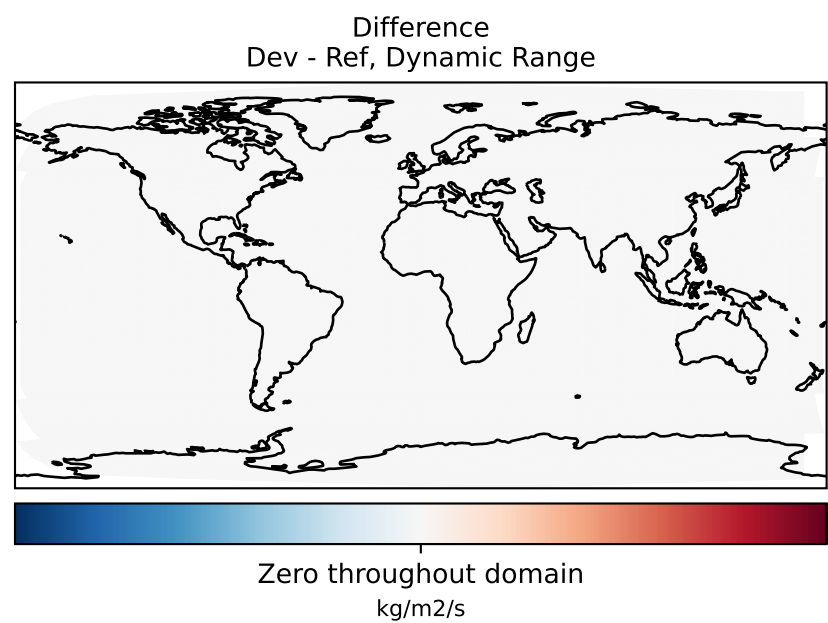
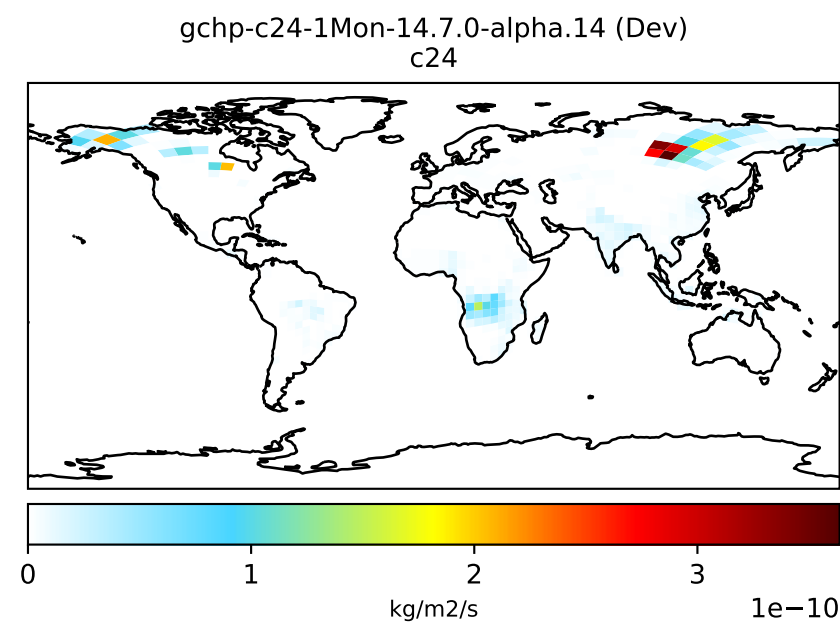
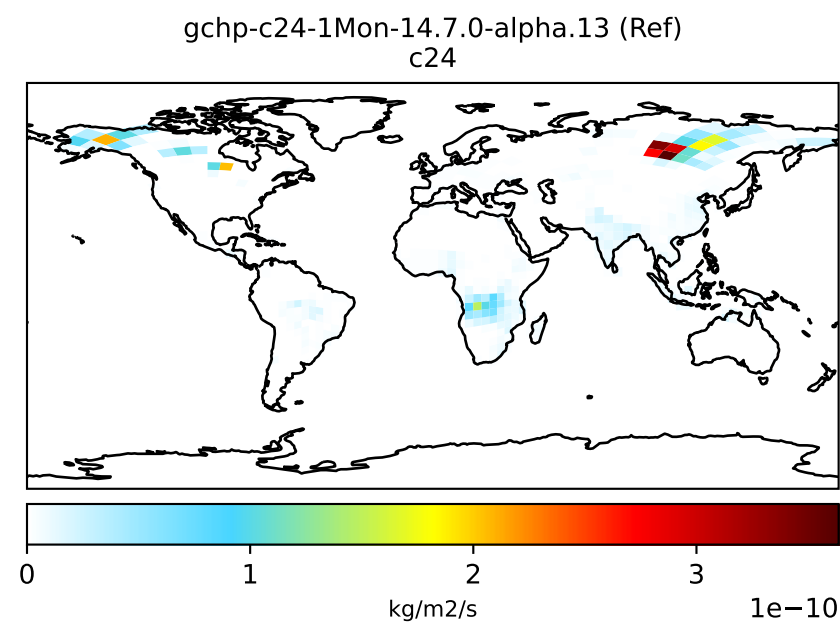
Ratio  
Dev/Ref, Dynamic Range



Ratio  
Dev/Ref, Fixed Range

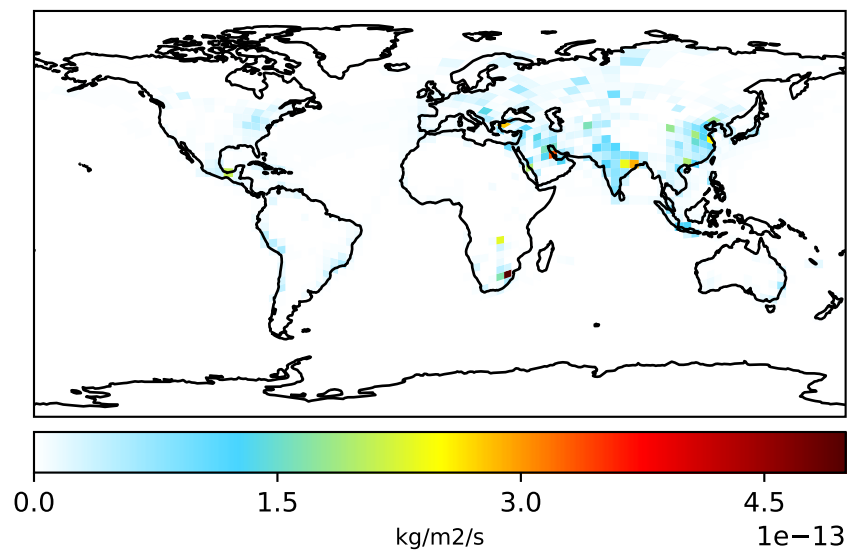


# EmisOCPO\_Total

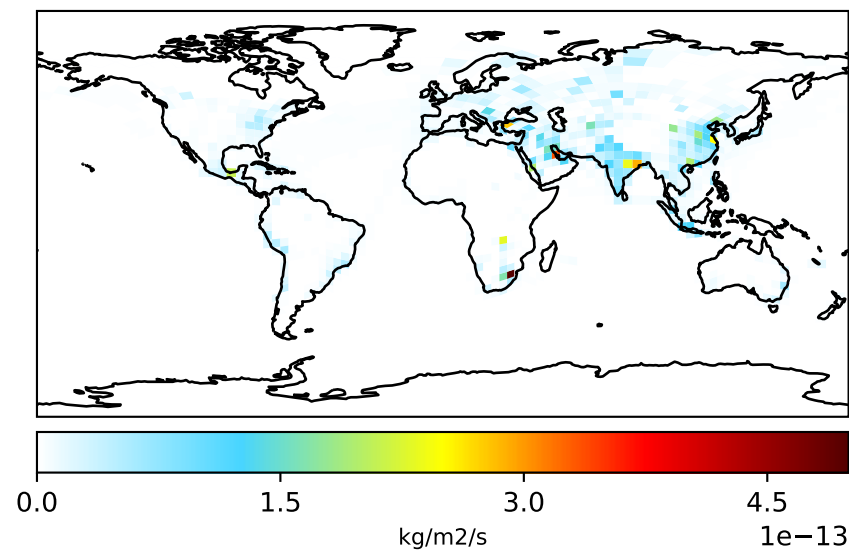


# EmispFe\_Total

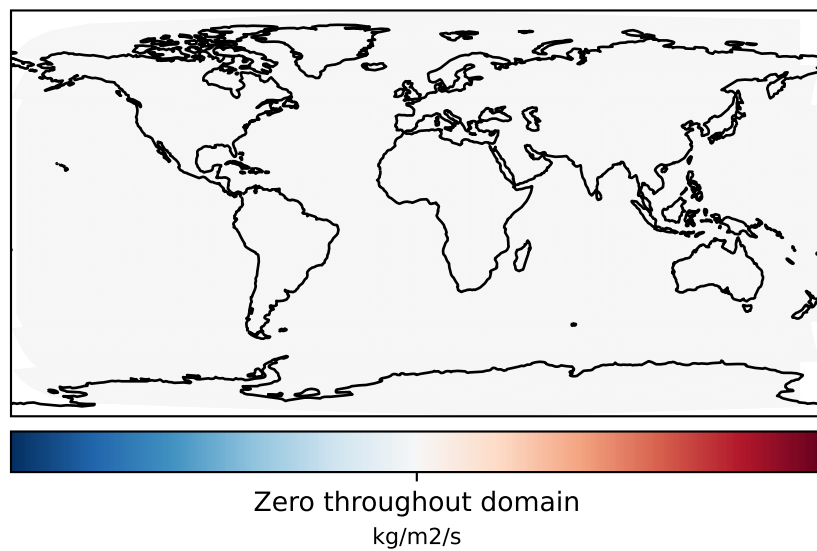
gchp-c24-1Mon-14.7.0-alpha.13 (Ref)  
c24



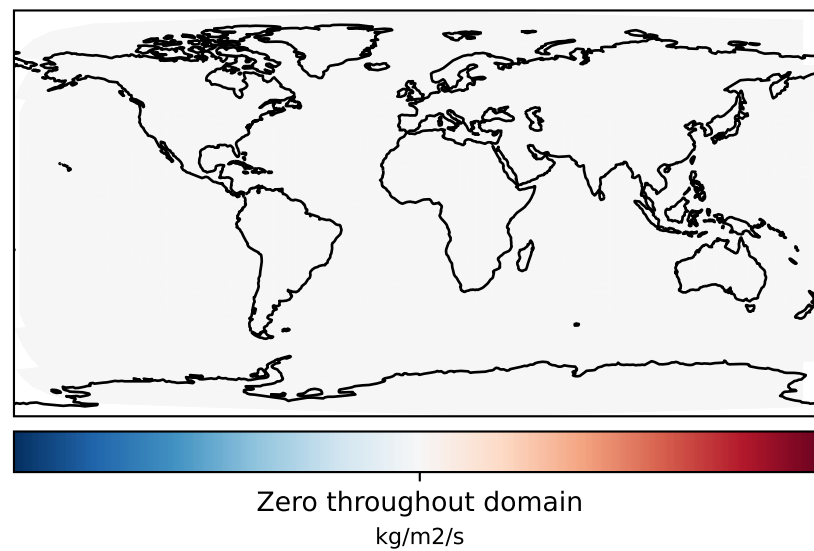
gchp-c24-1Mon-14.7.0-alpha.14 (Dev)  
c24



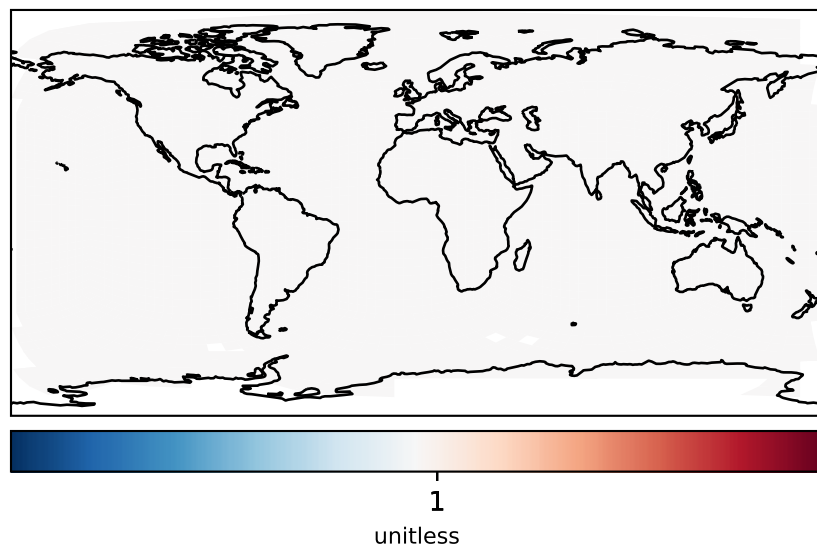
Difference  
Dev - Ref, Dynamic Range



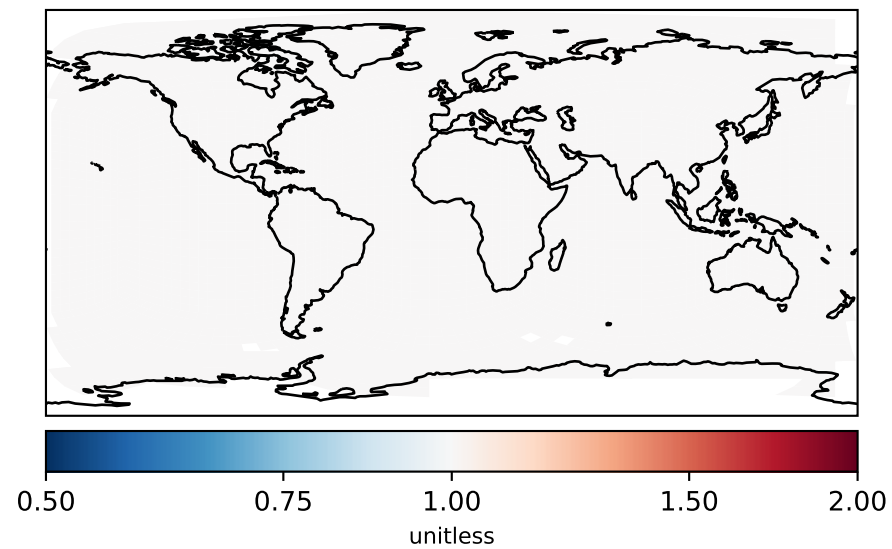
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



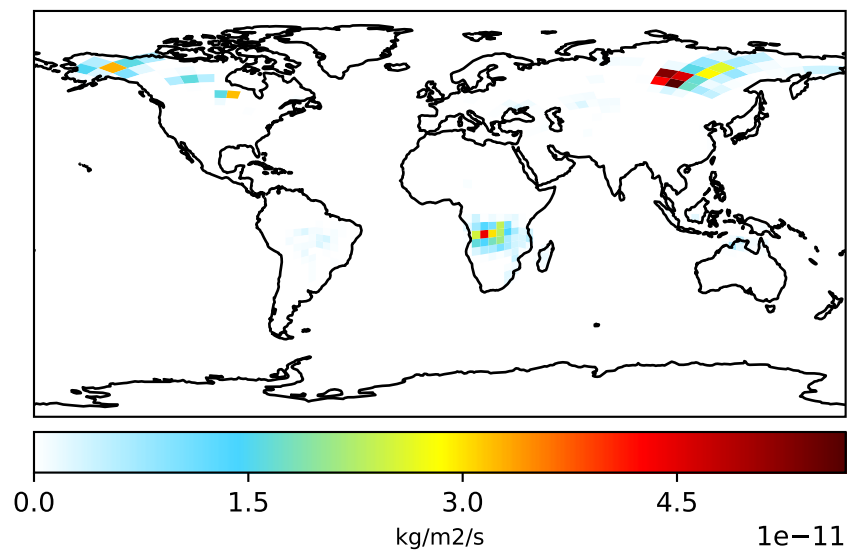
Ratio  
Dev/Ref, Fixed Range



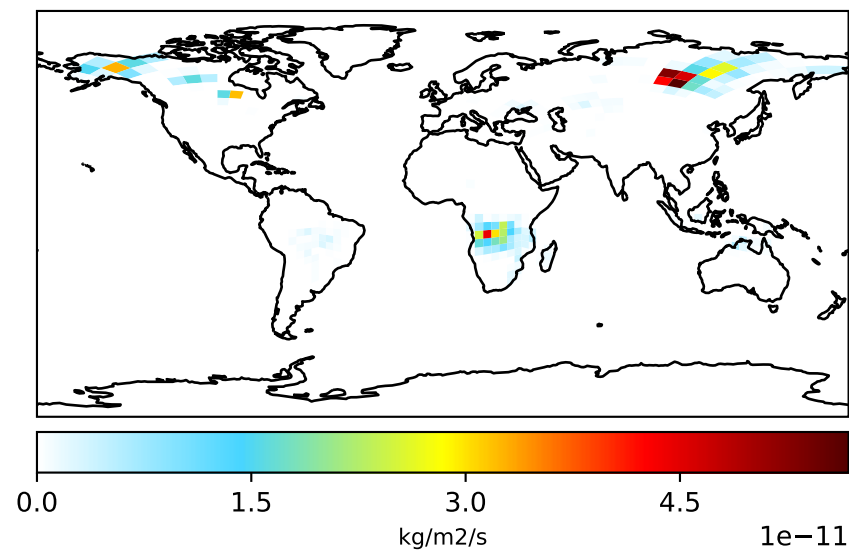


# EmisPHEN\_Total

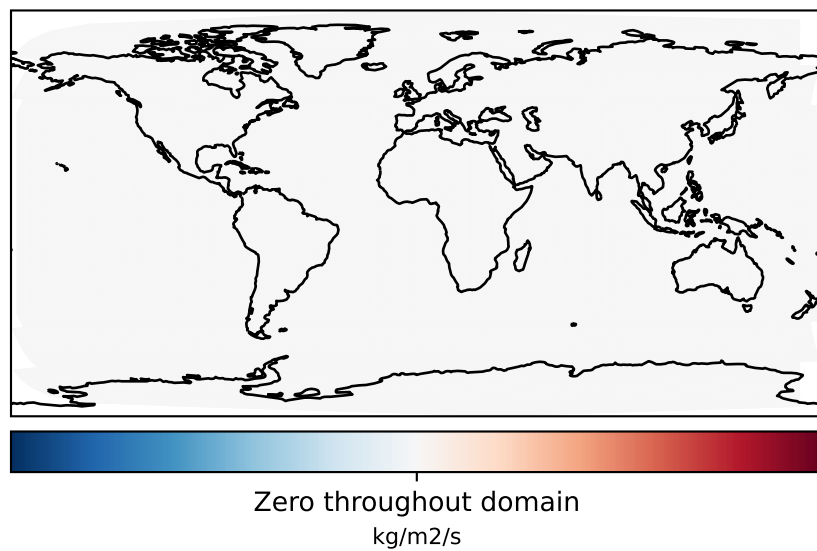
gchp-c24-1Mon-14.7.0-alpha.13 (Ref)  
c24



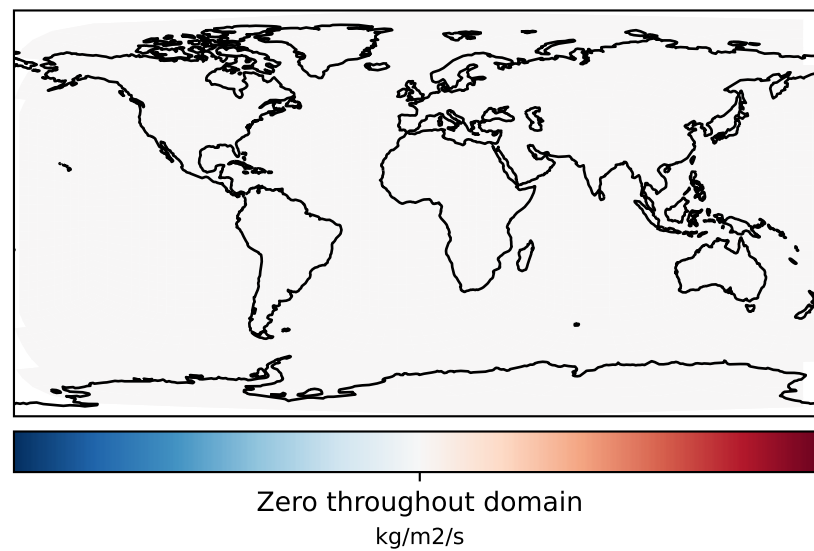
gchp-c24-1Mon-14.7.0-alpha.14 (Dev)  
c24



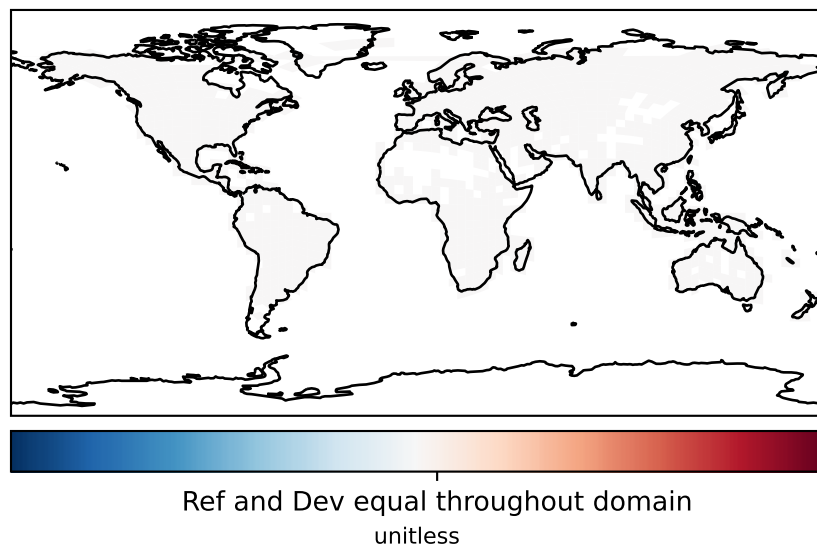
Difference  
Dev - Ref, Dynamic Range



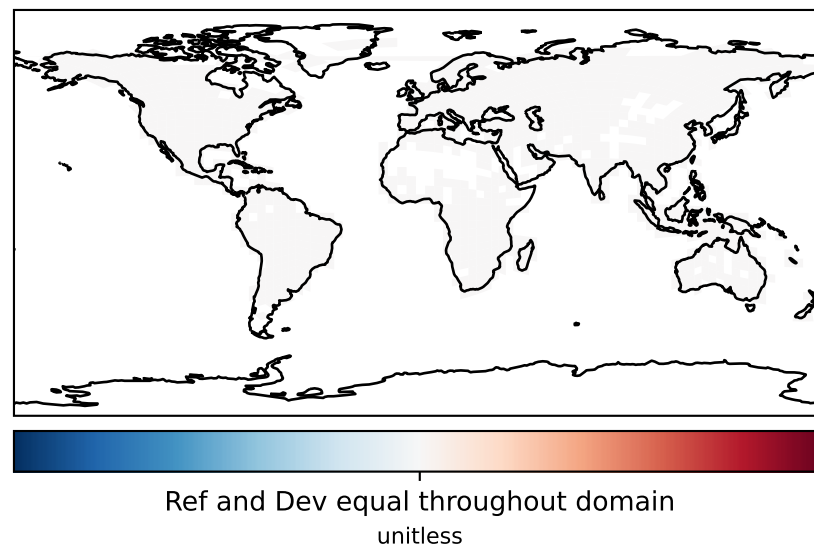
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

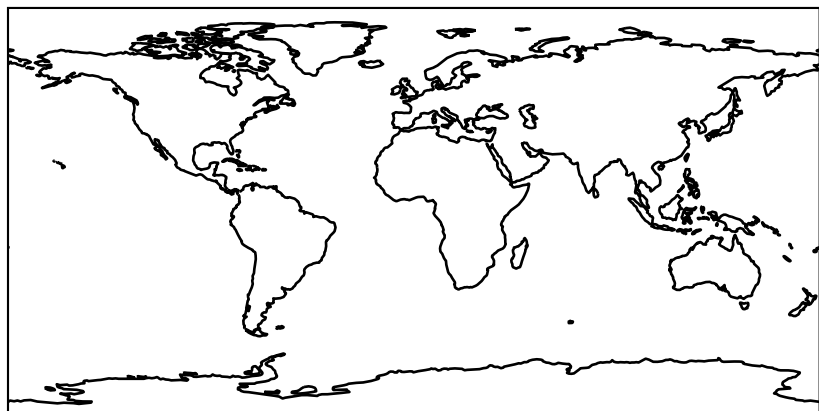


Ratio  
Dev/Ref, Fixed Range



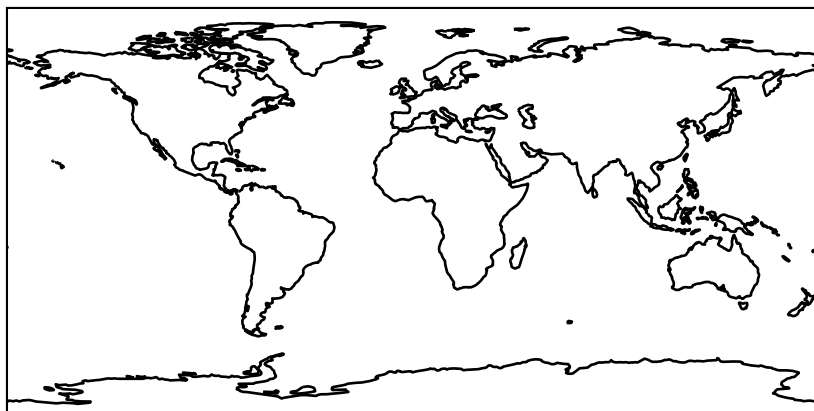
# EmisPOG1\_Total

gchp-c24-1Mon-14.7.0-alpha.13 (Ref)  
c24



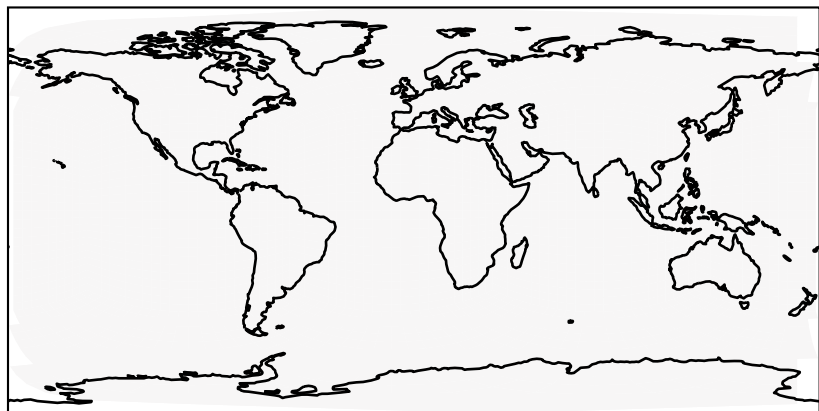
Zero throughout domain  
kg/m2/s

gchp-c24-1Mon-14.7.0-alpha.14 (Dev)  
c24



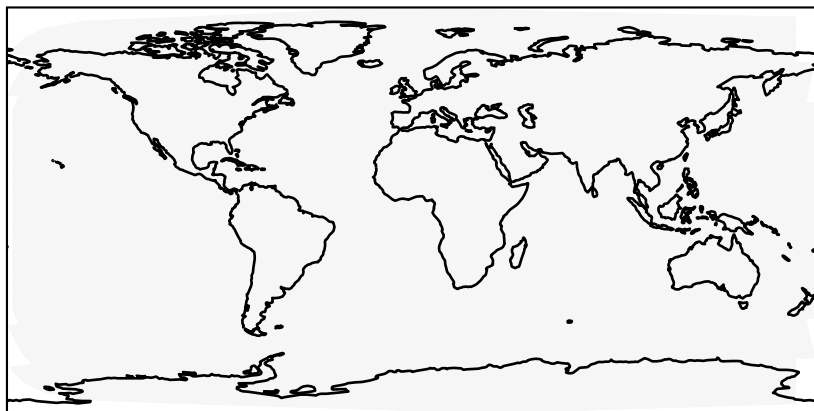
Zero throughout domain  
kg/m2/s

Difference  
Dev - Ref, Dynamic Range



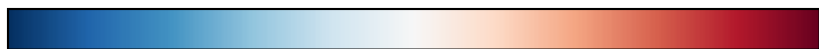
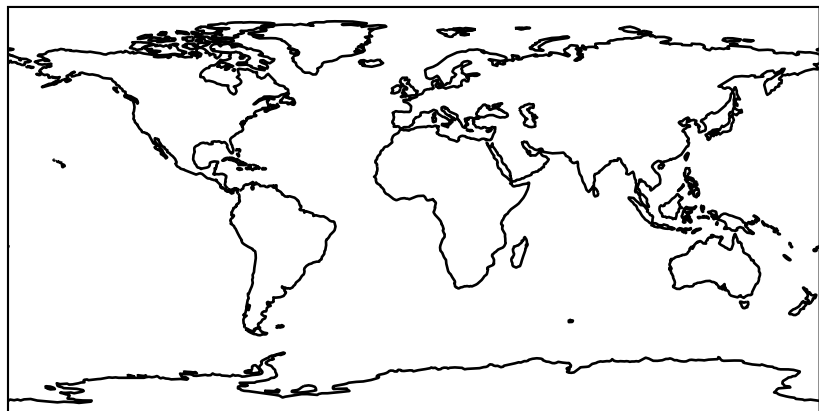
Zero throughout domain  
kg/m2/s

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



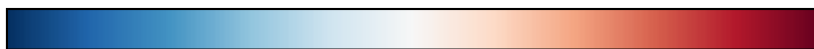
Zero throughout domain  
kg/m2/s

Ratio  
Dev/Ref, Dynamic Range



Undefined throughout domain  
unitless

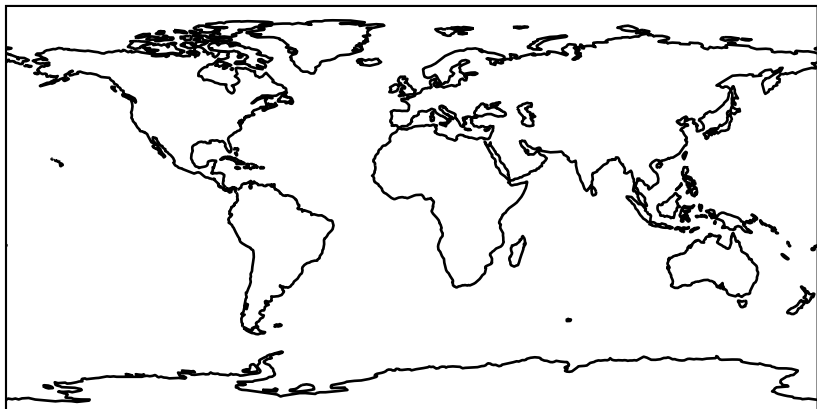
Ratio  
Dev/Ref, Fixed Range



Undefined throughout domain  
unitless

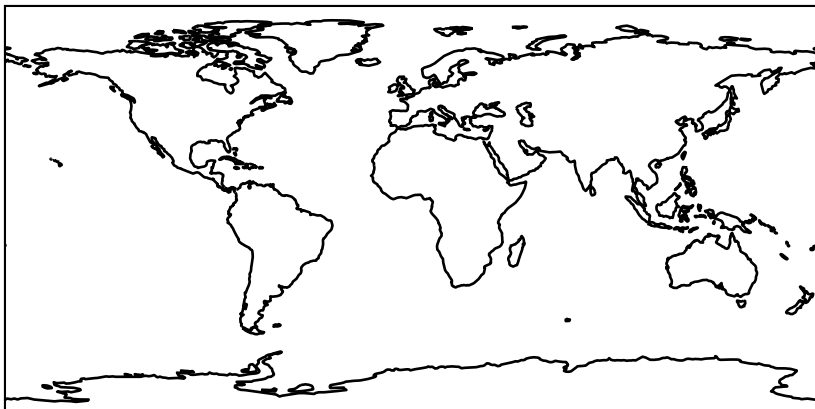
# EmisPOG2\_Total

gchp-c24-1Mon-14.7.0-alpha.13 (Ref)  
c24



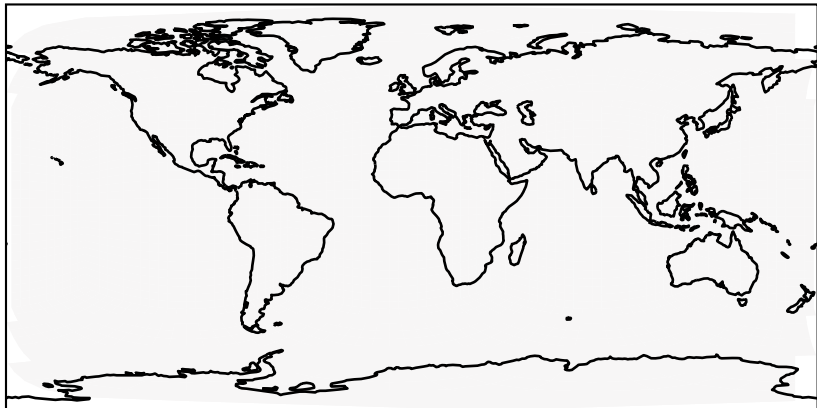
Zero throughout domain  
kg/m2/s

gchp-c24-1Mon-14.7.0-alpha.14 (Dev)  
c24



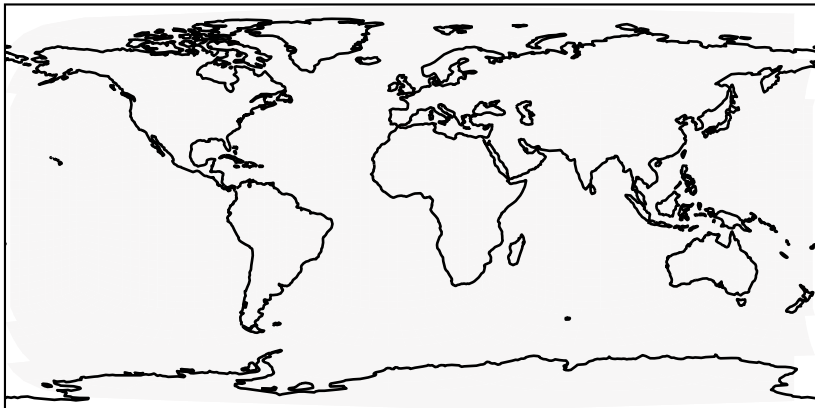
Zero throughout domain  
kg/m2/s

Difference  
Dev - Ref, Dynamic Range



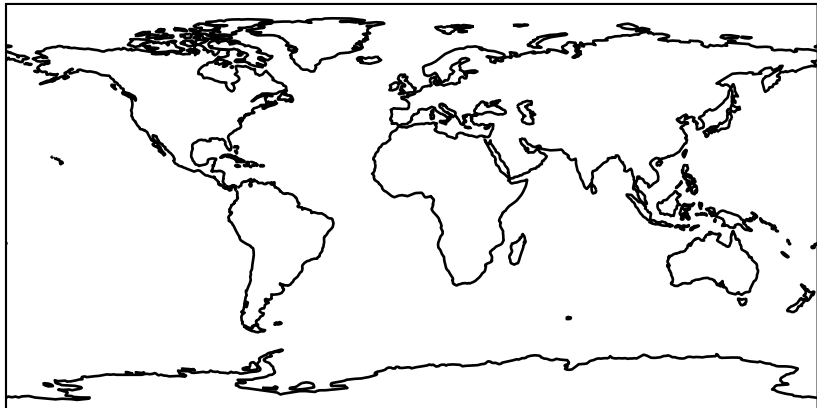
Zero throughout domain  
kg/m2/s

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



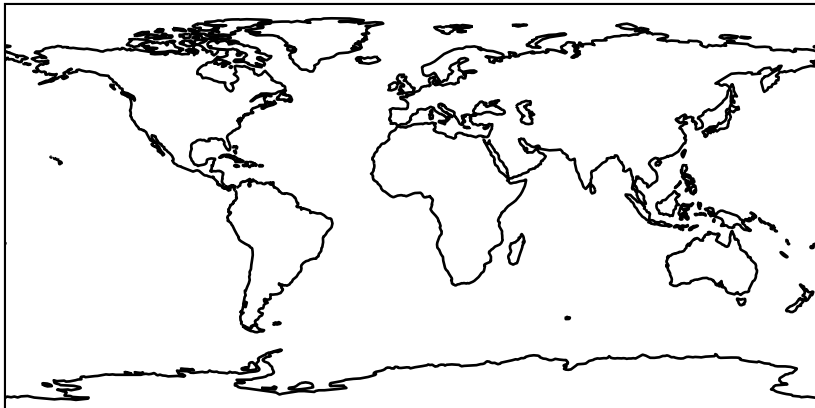
Zero throughout domain  
kg/m2/s

Ratio  
Dev/Ref, Dynamic Range



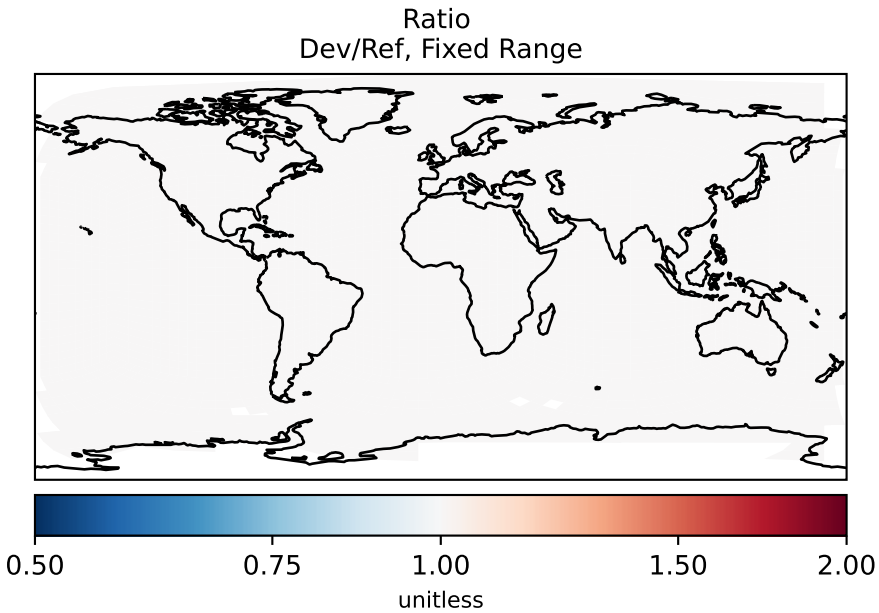
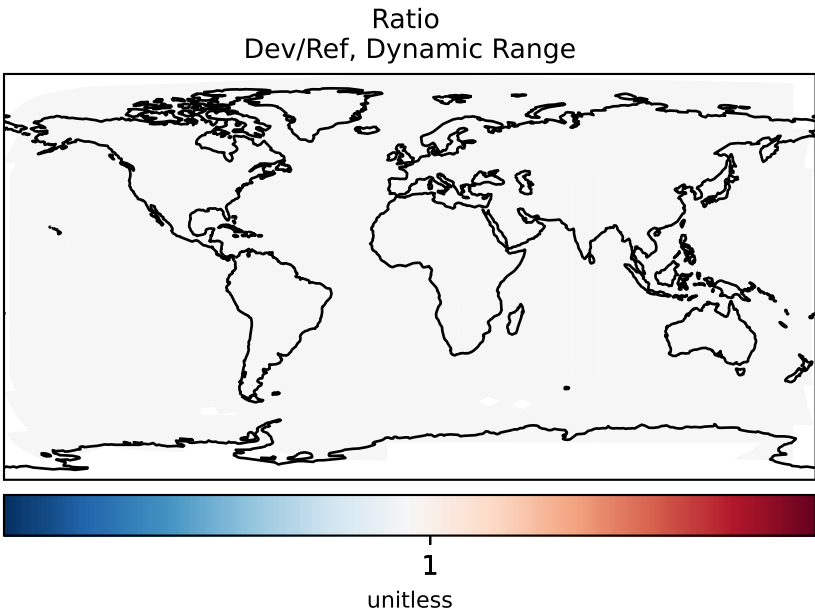
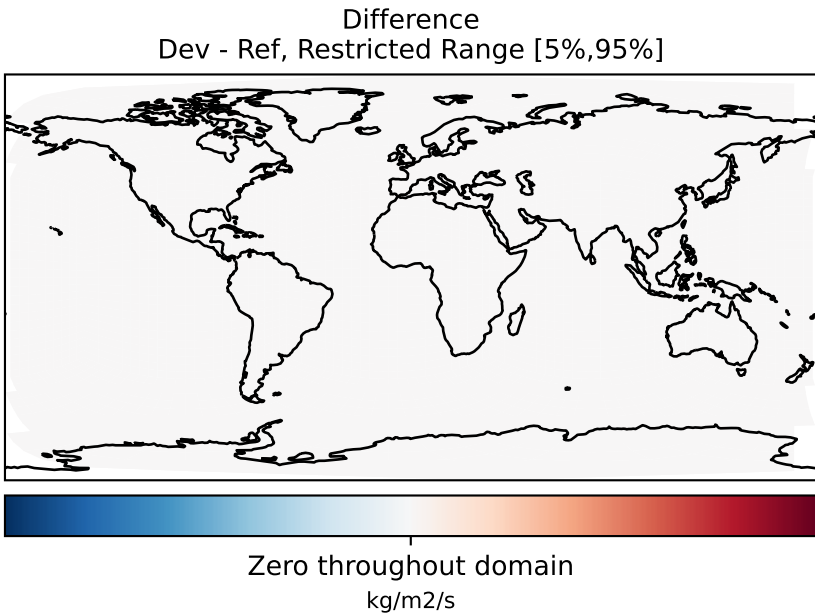
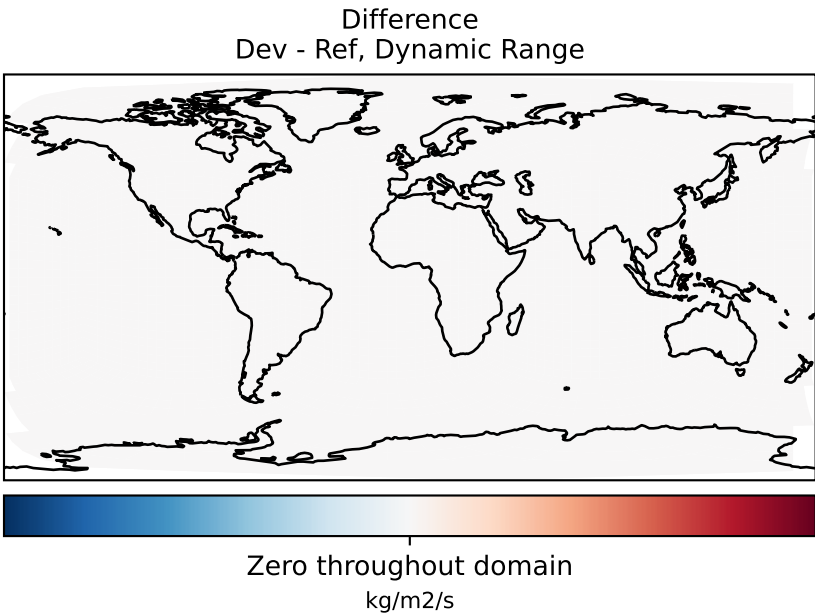
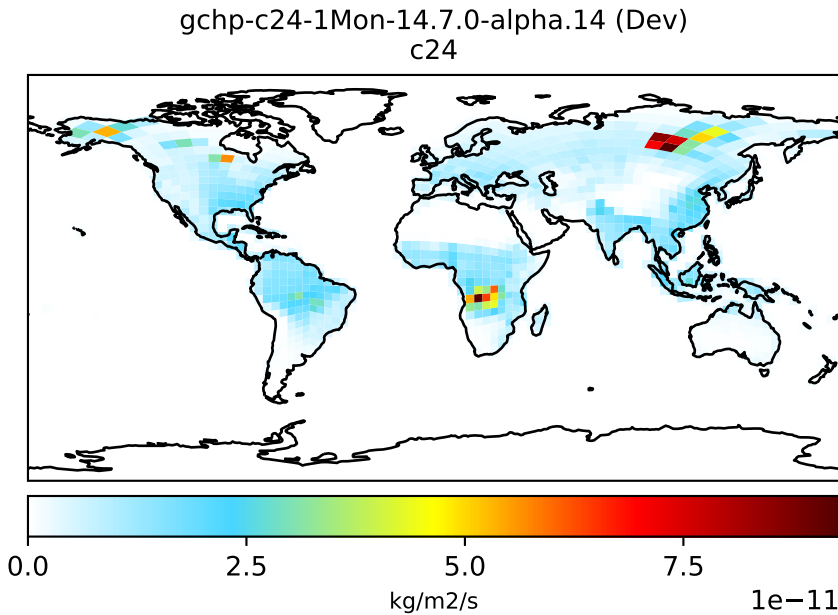
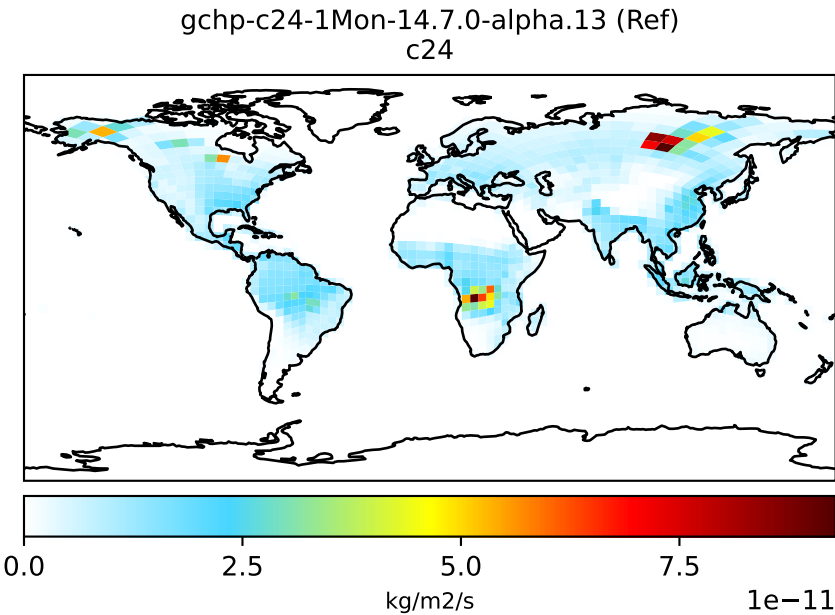
Undefined throughout domain  
unitless

Ratio  
Dev/Ref, Fixed Range



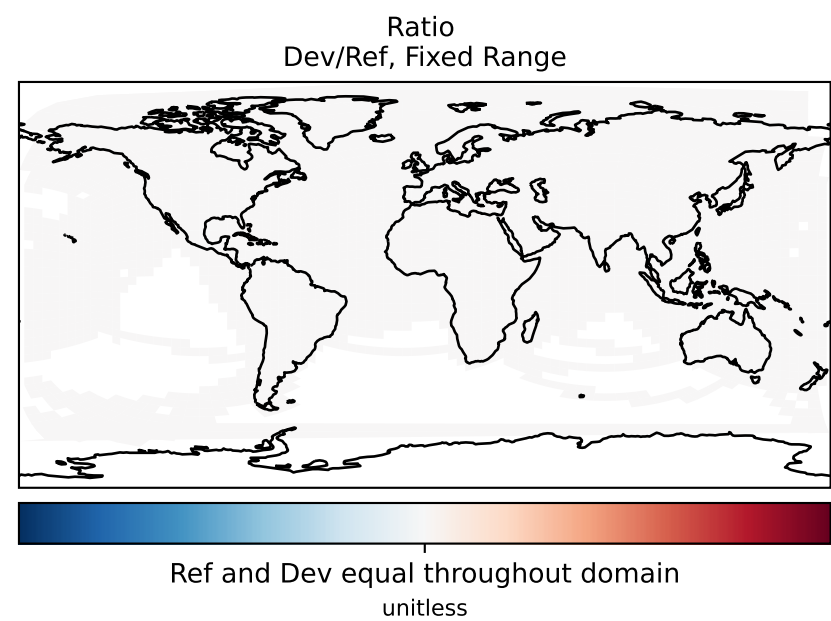
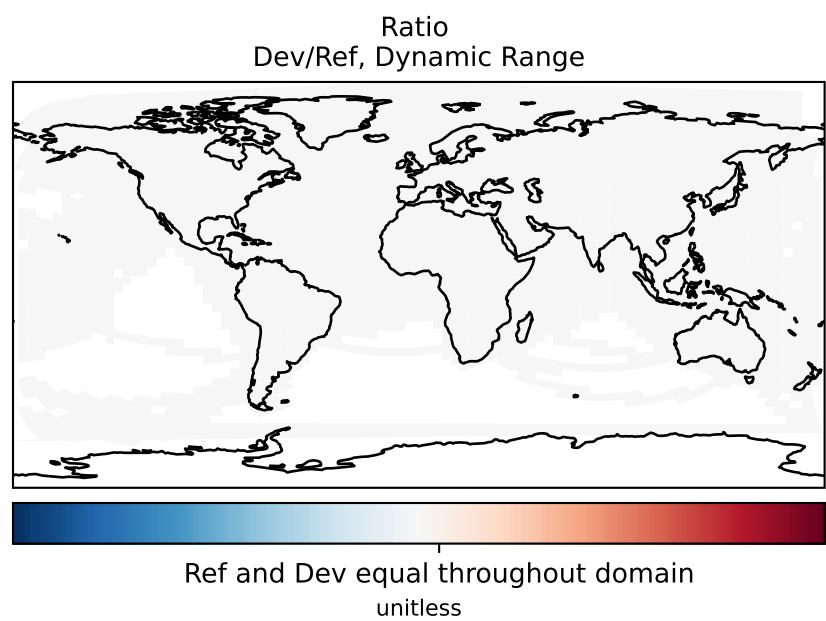
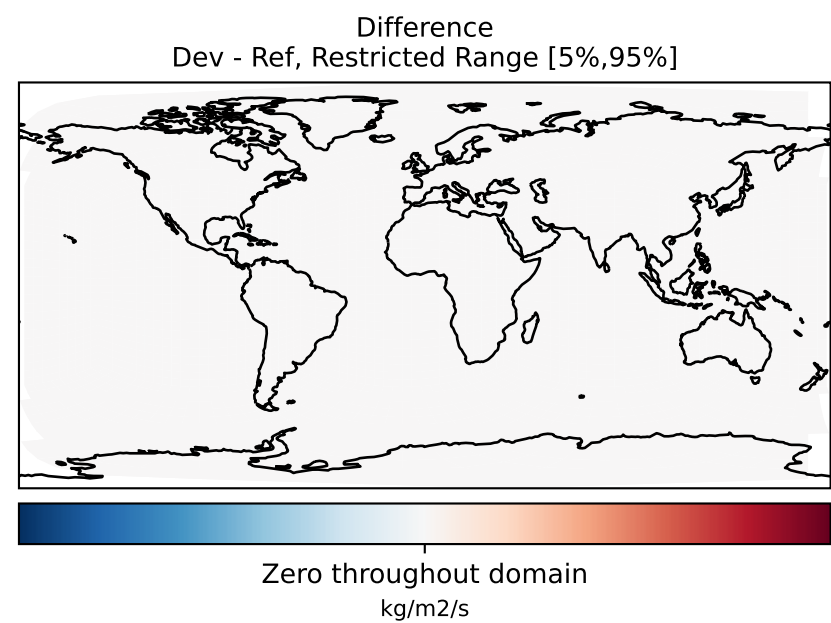
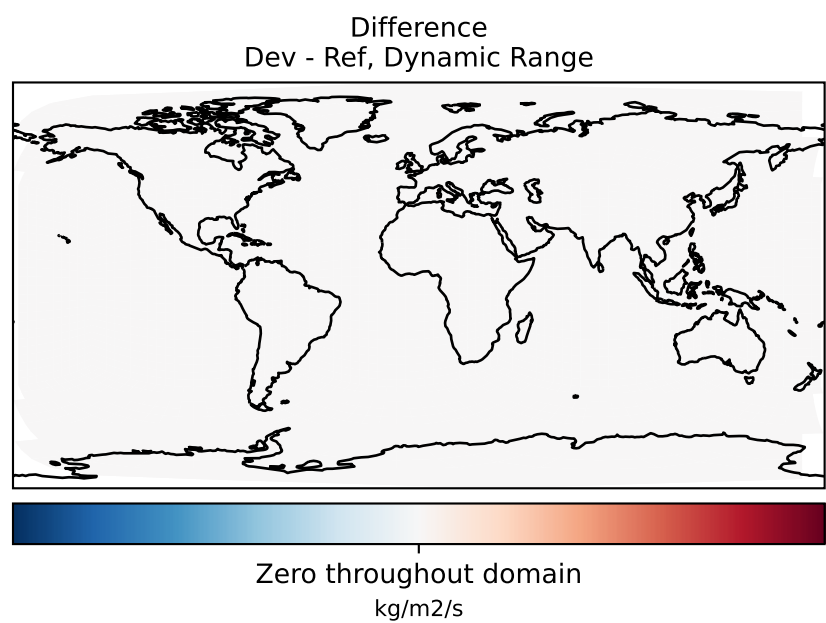
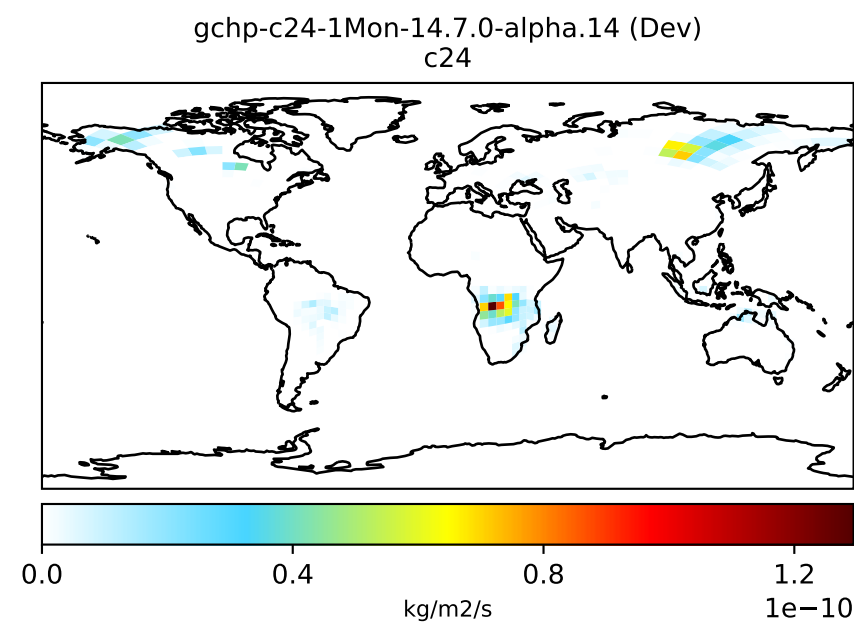
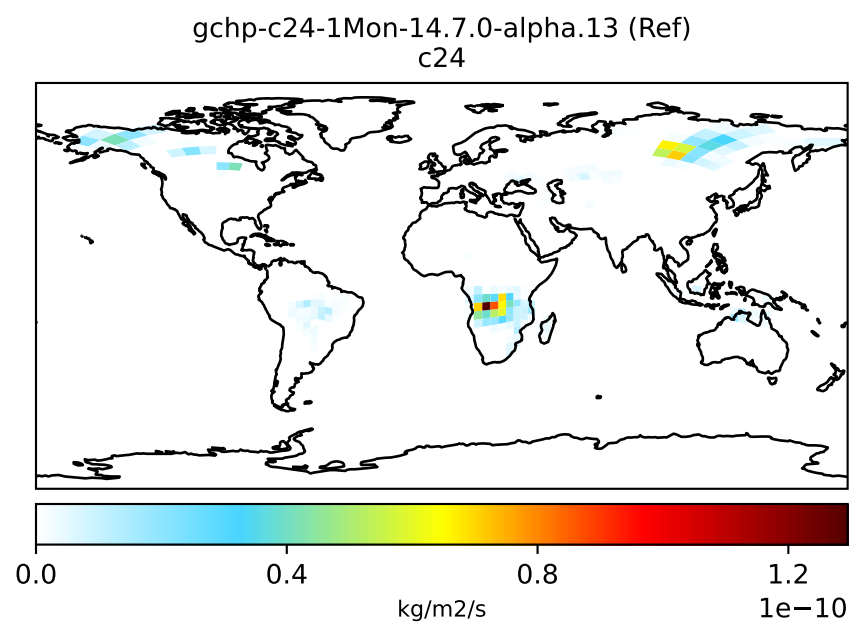
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# EmisPRPE\_Total

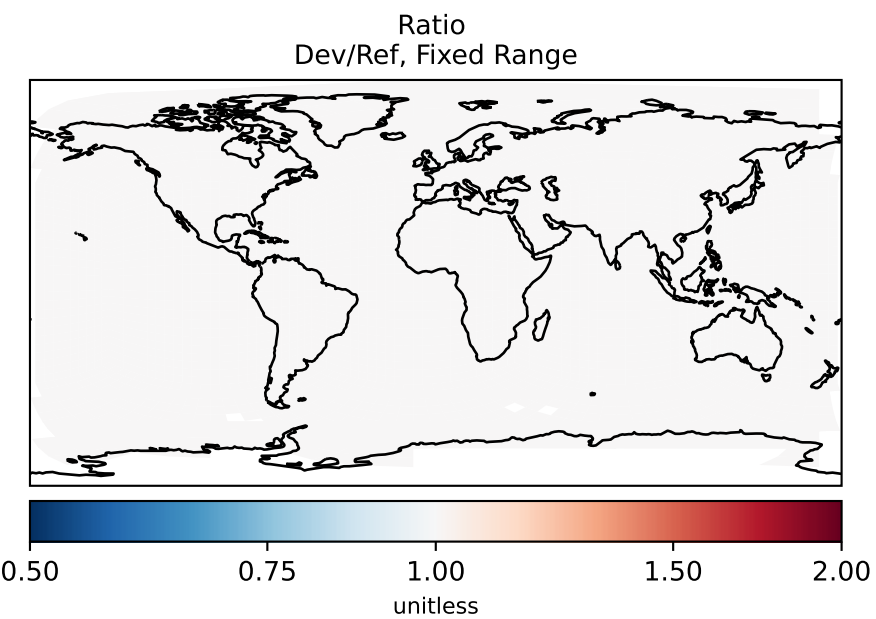
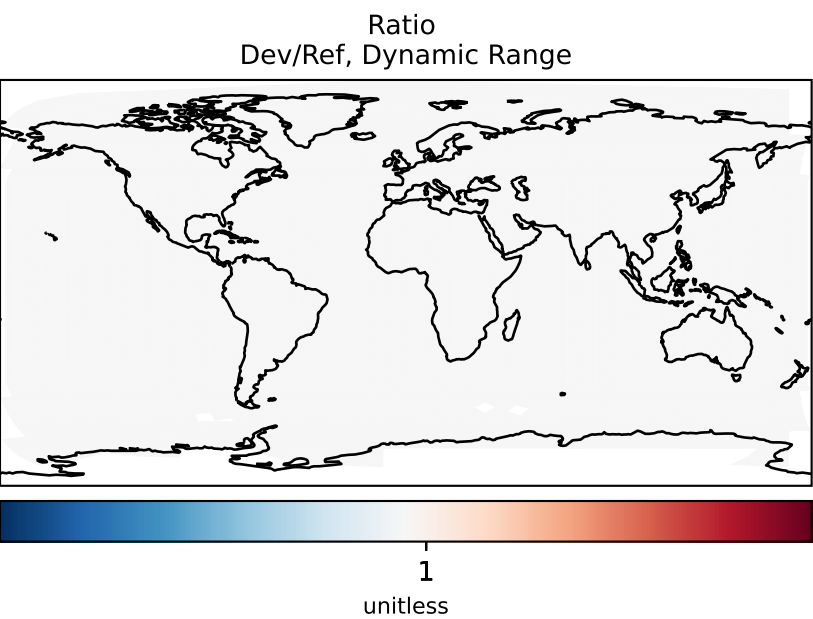
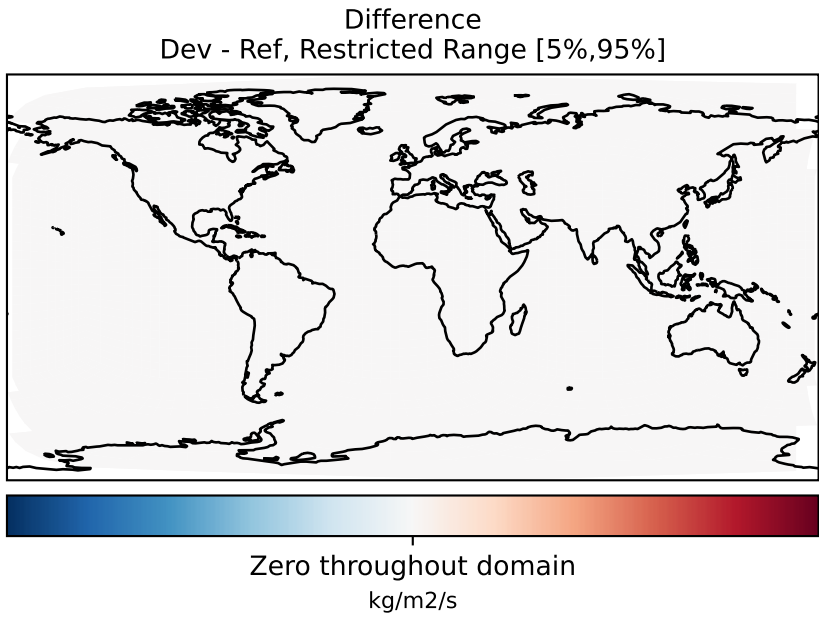
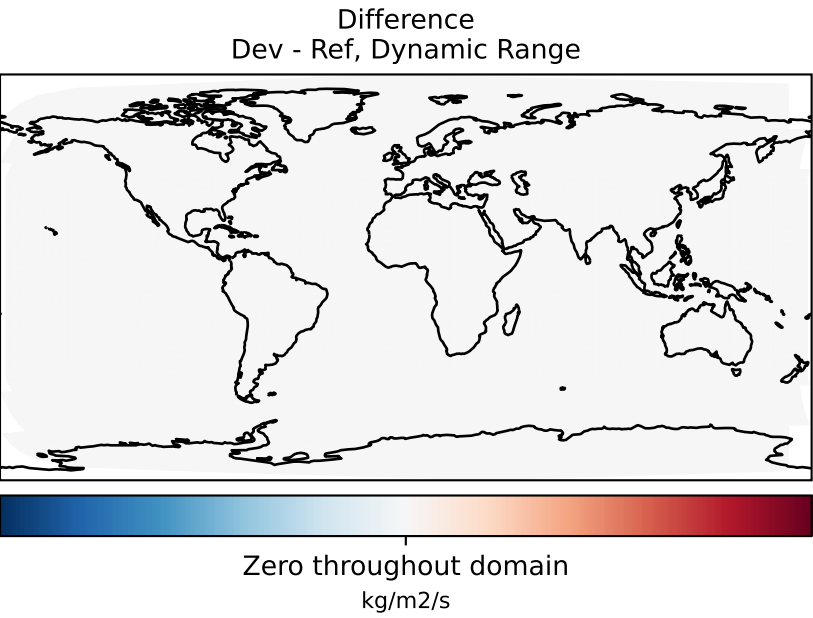
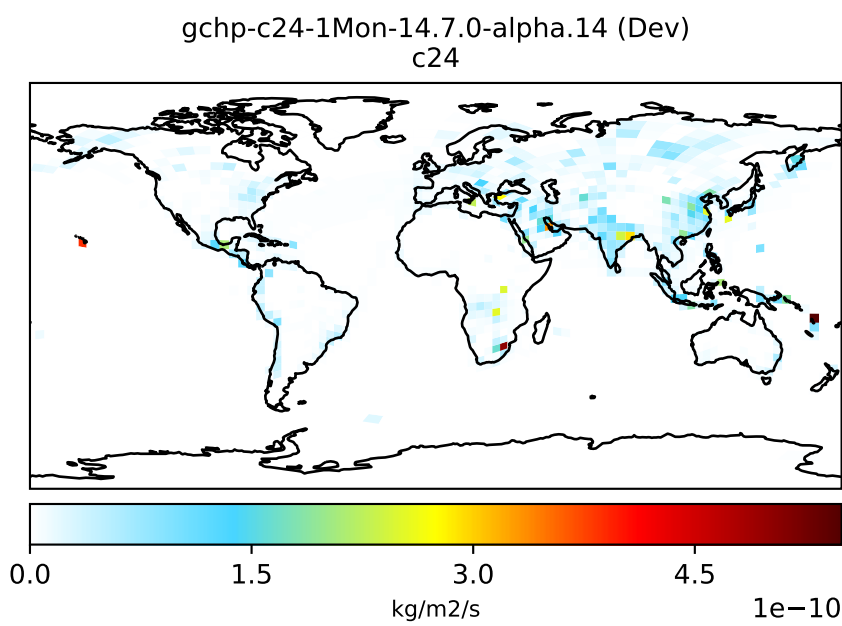
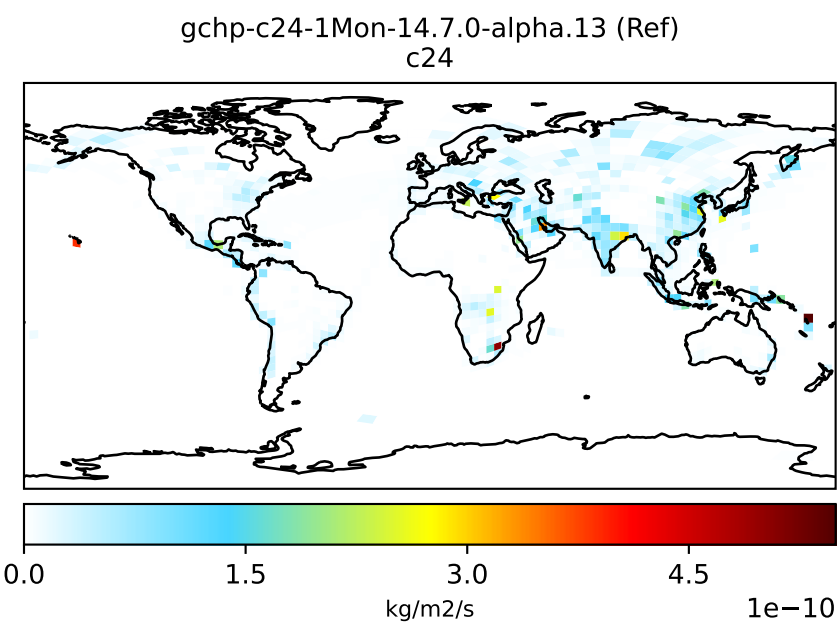




# EmisRCHO\_Total

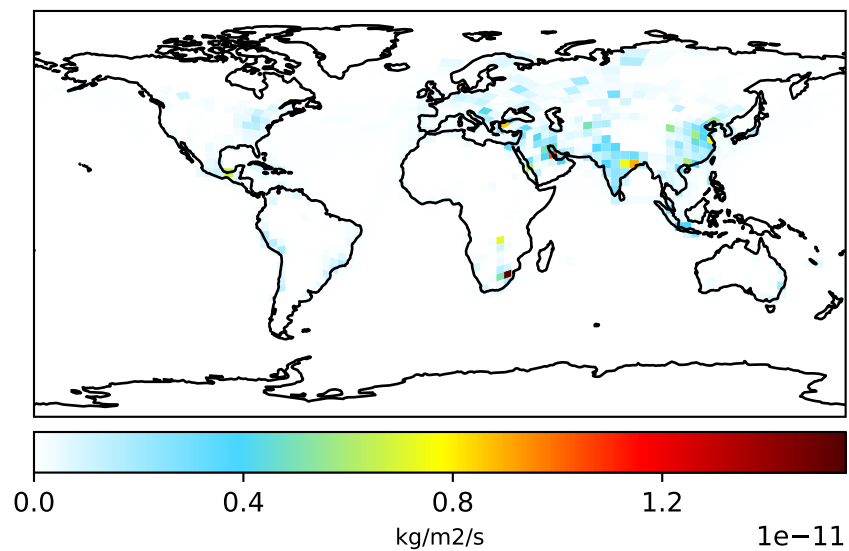


# EmisSO2\_Total

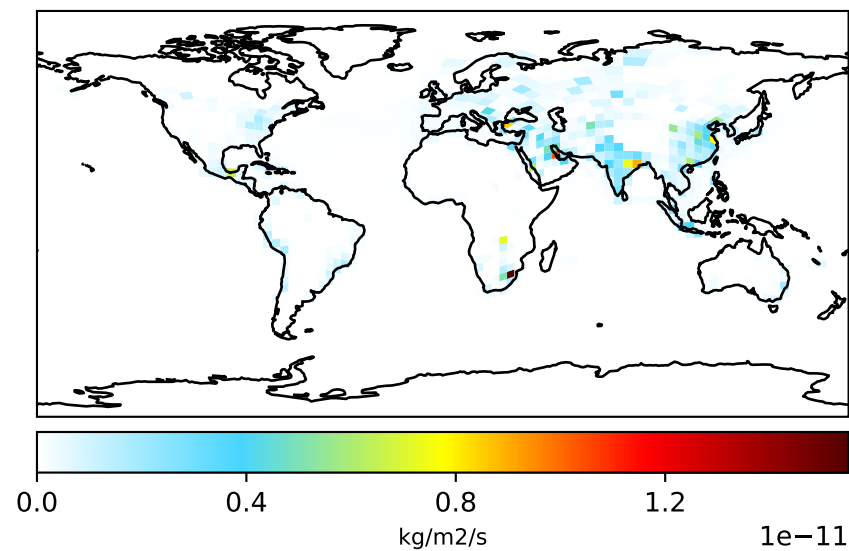


# EmisSO4\_Total

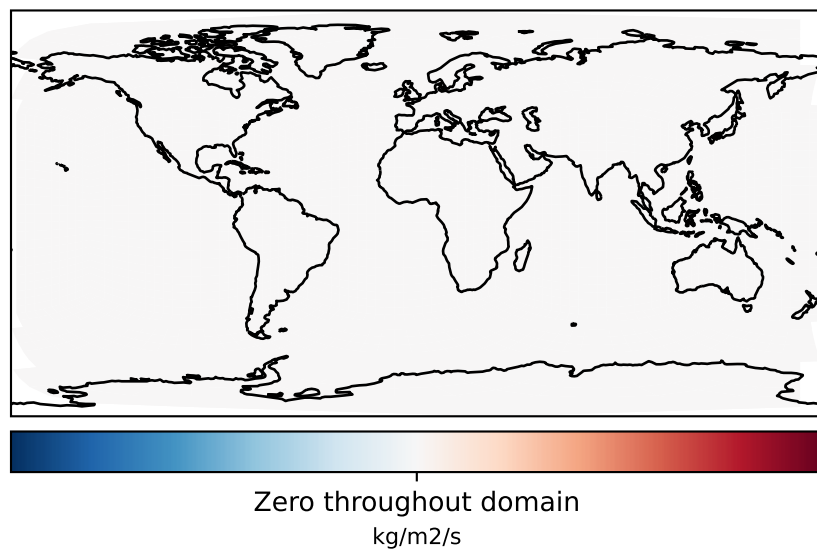
gchp-c24-1Mon-14.7.0-alpha.13 (Ref)  
c24



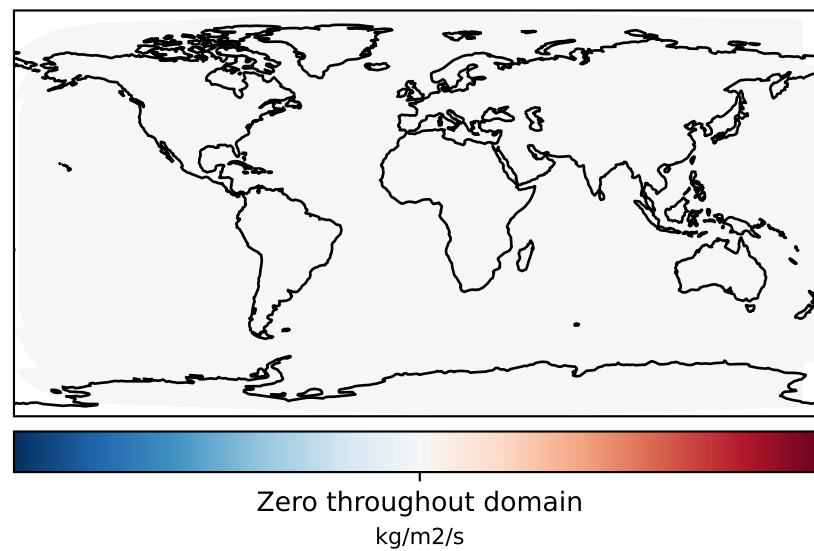
gchp-c24-1Mon-14.7.0-alpha.14 (Dev)  
c24



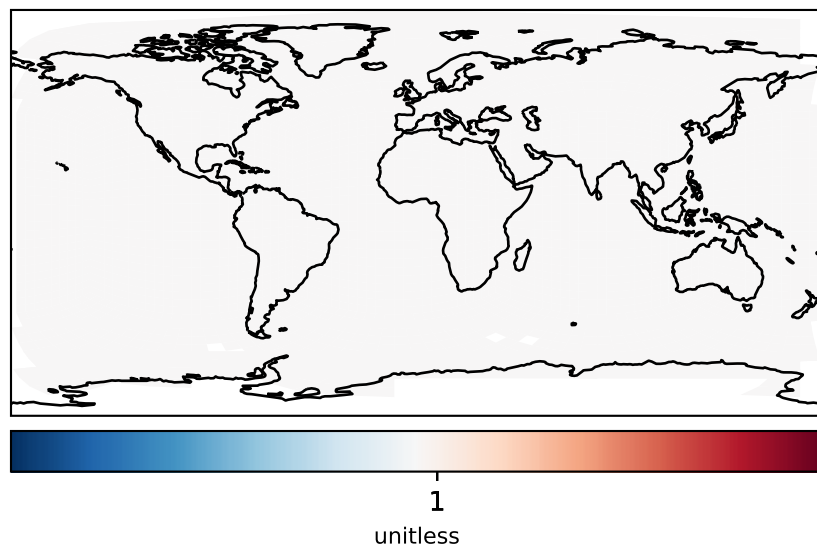
Difference  
Dev - Ref, Dynamic Range



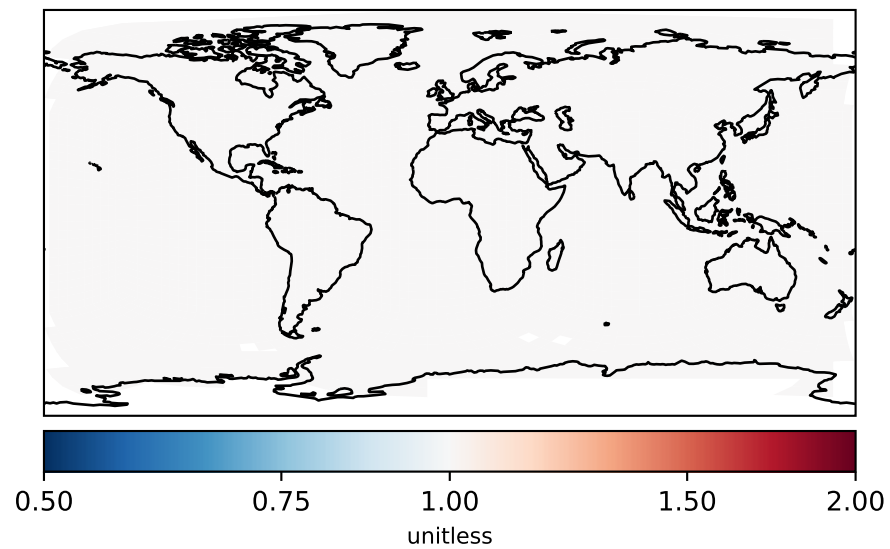
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

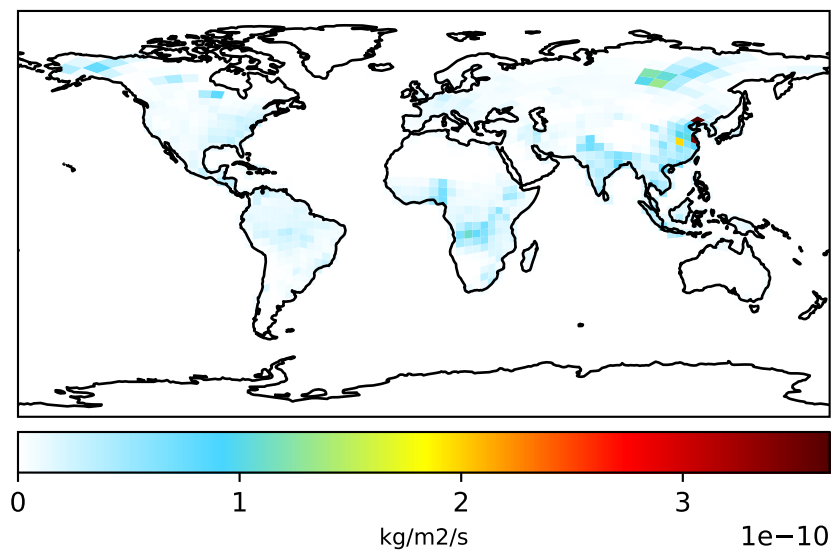


Ratio  
Dev/Ref, Fixed Range

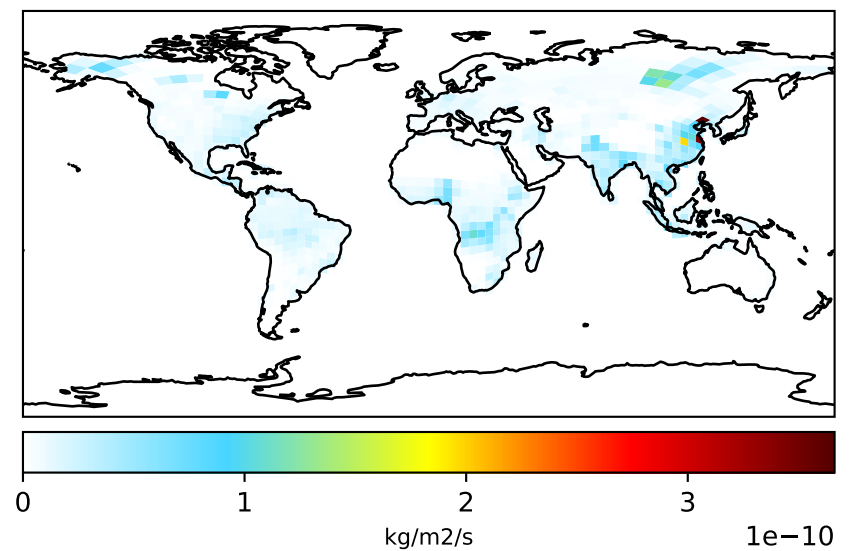


# EmisSOAP\_Total

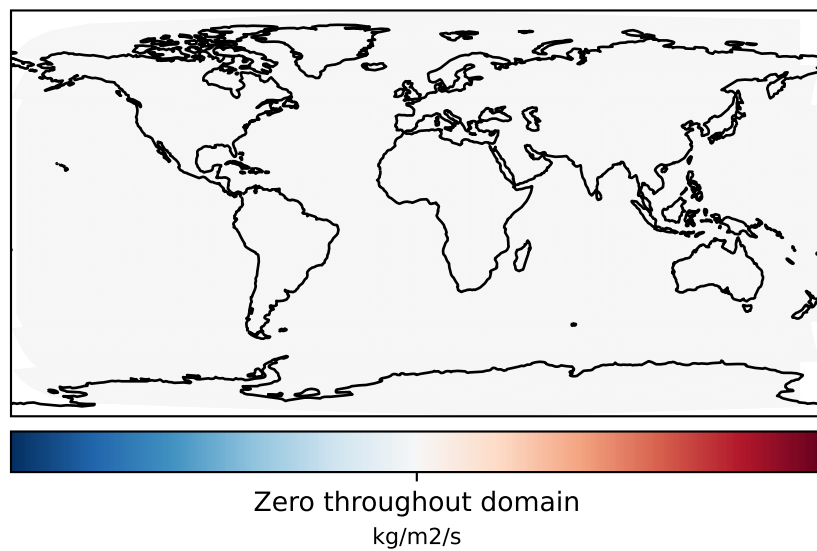
gchp-c24-1Mon-14.7.0-alpha.13 (Ref)  
c24



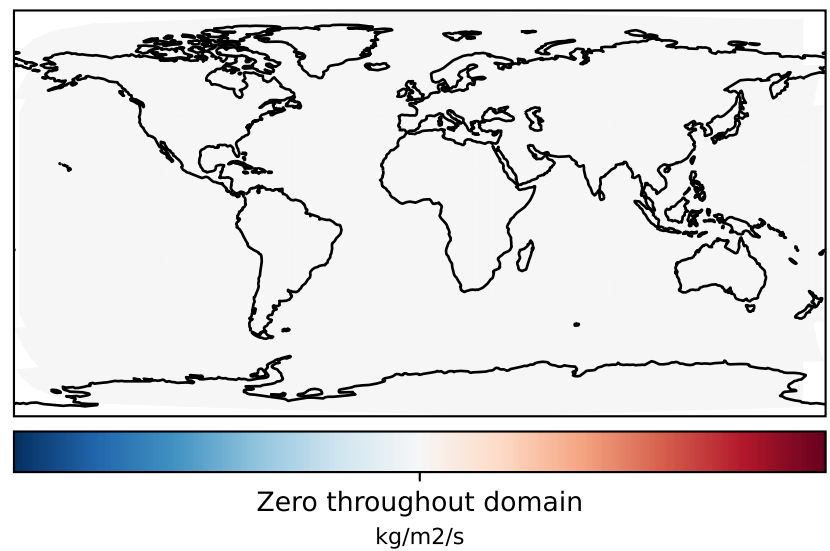
gchp-c24-1Mon-14.7.0-alpha.14 (Dev)  
c24



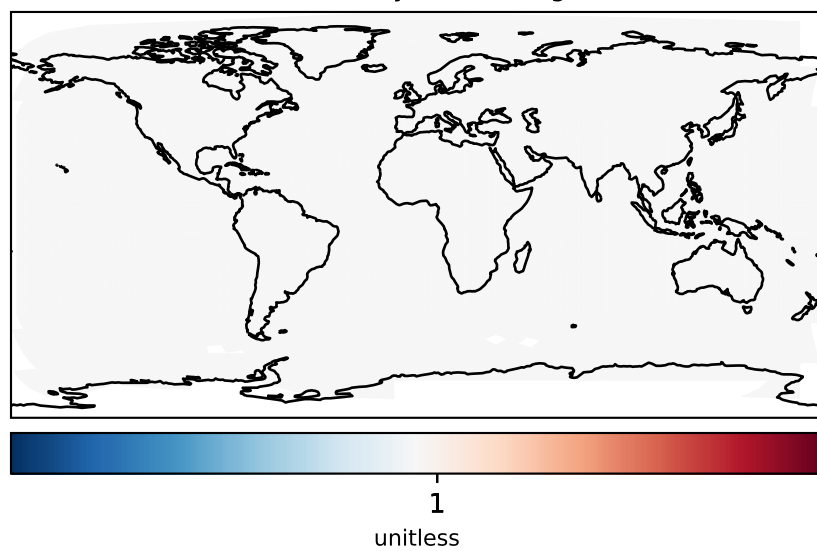
Difference  
Dev - Ref, Dynamic Range



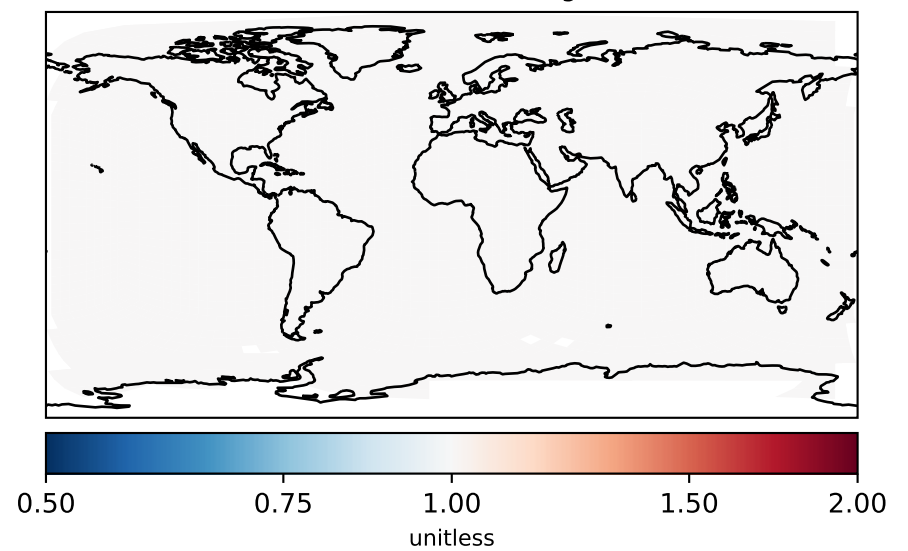
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

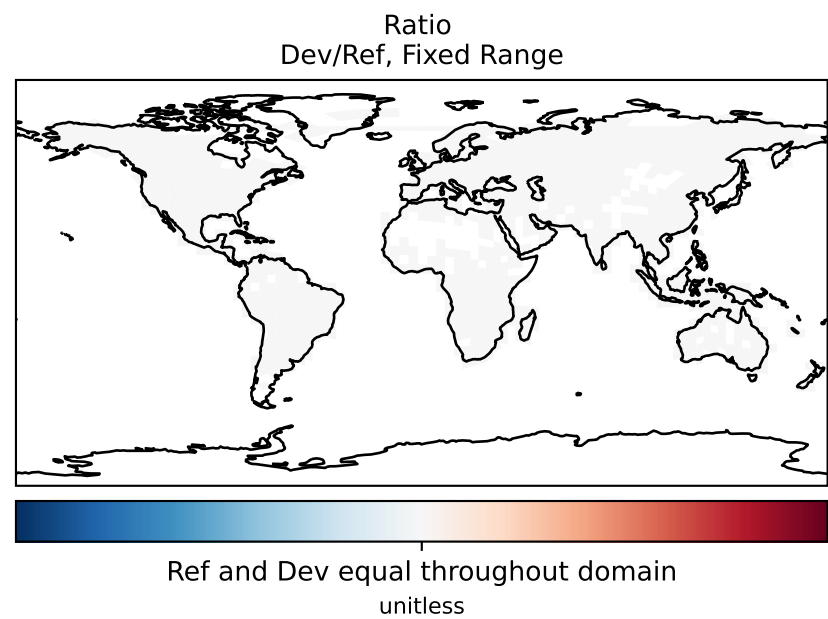
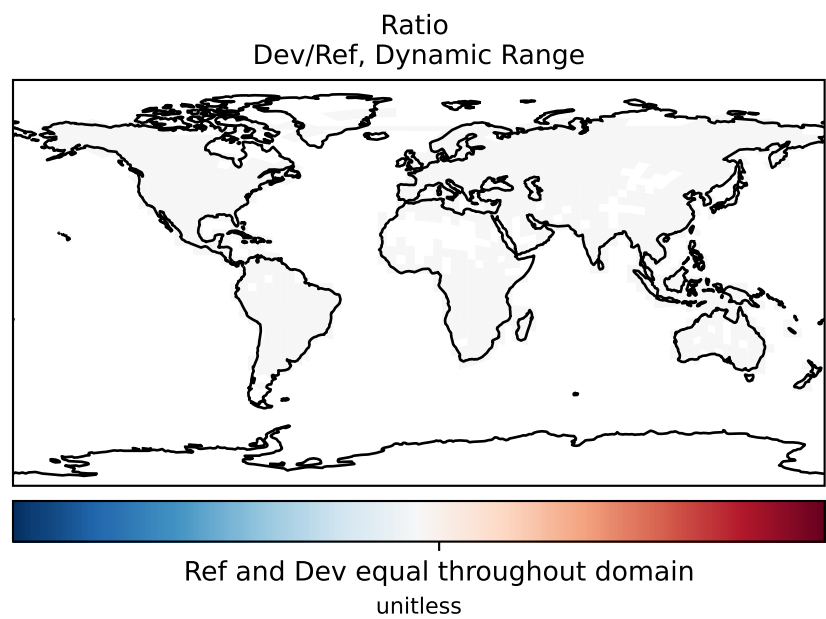
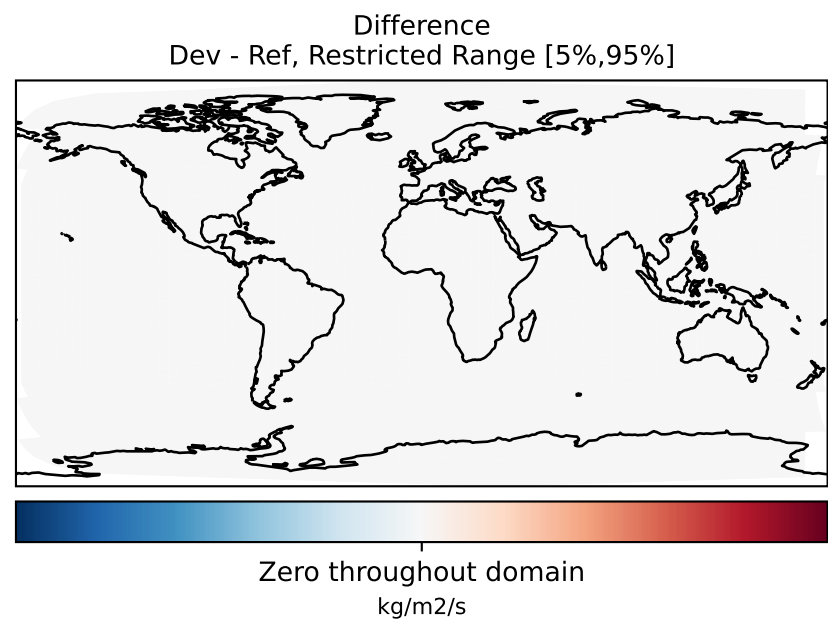
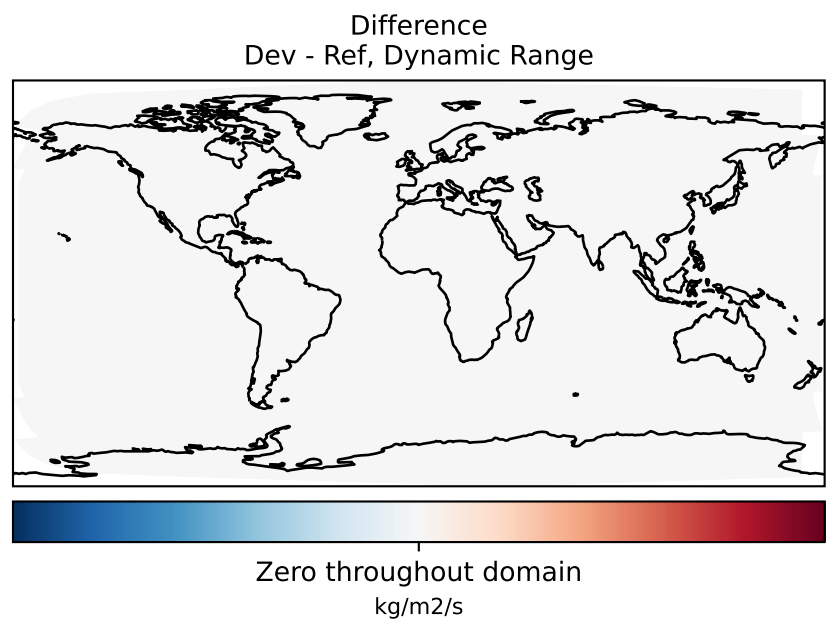
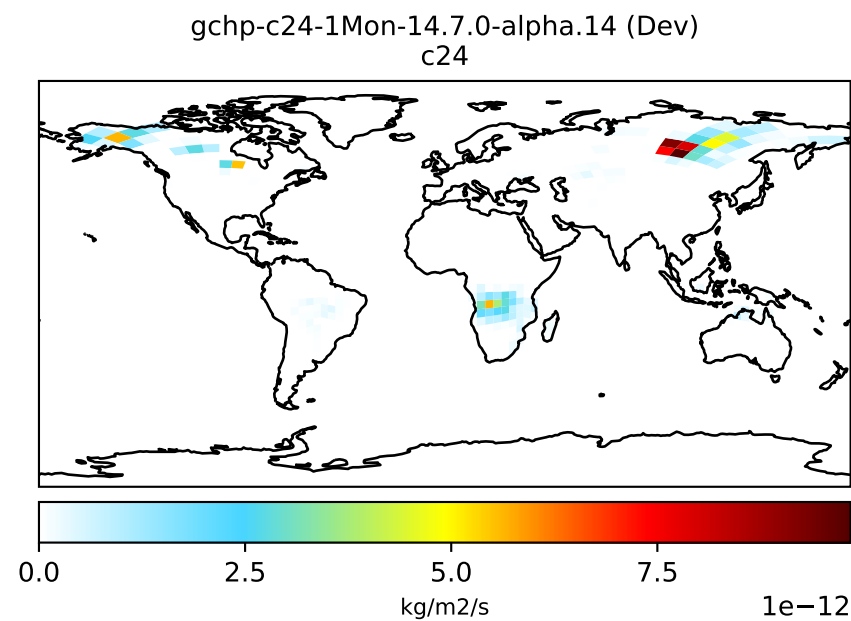
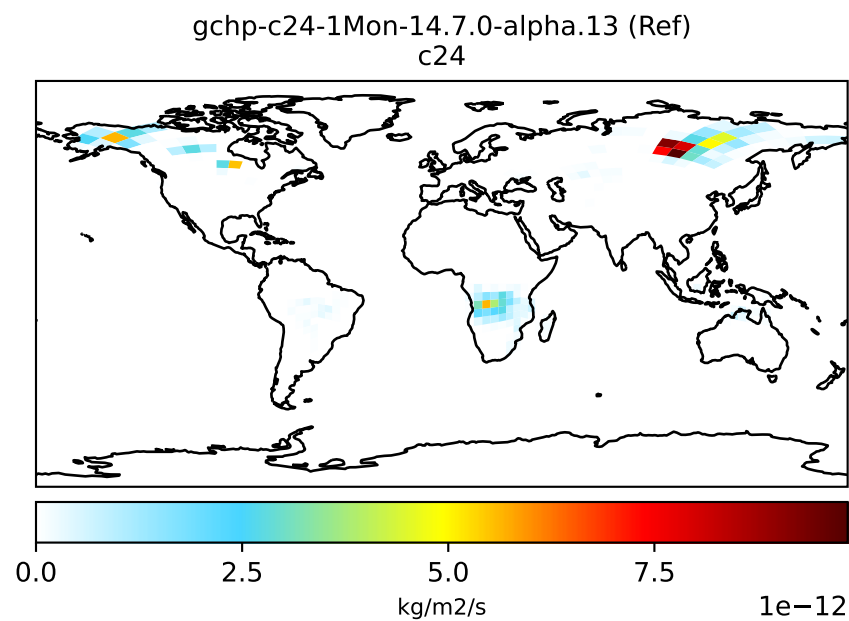


Ratio  
Dev/Ref, Fixed Range

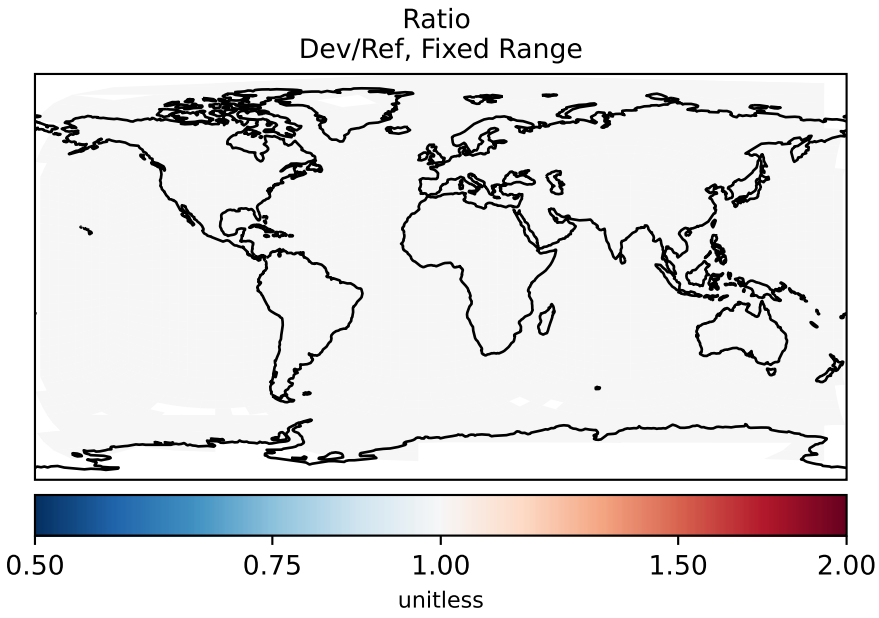
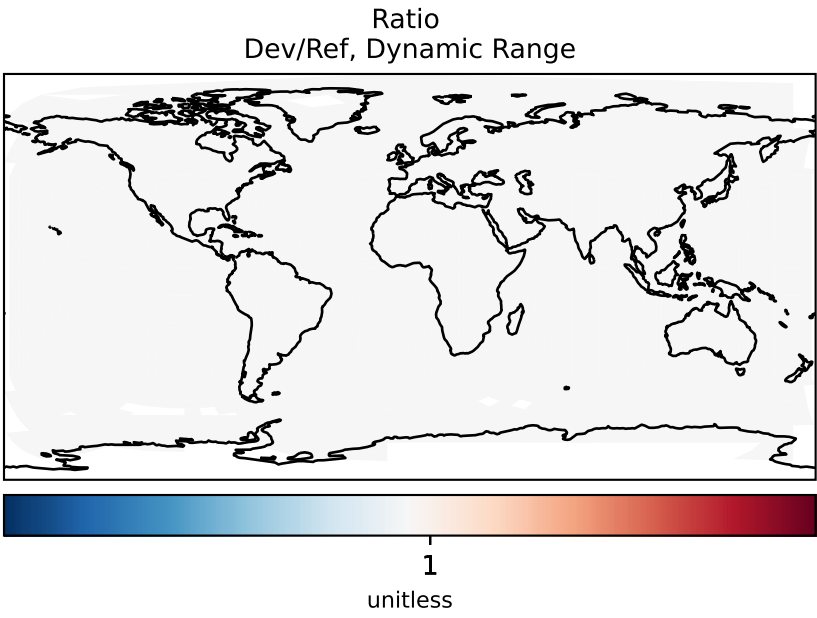
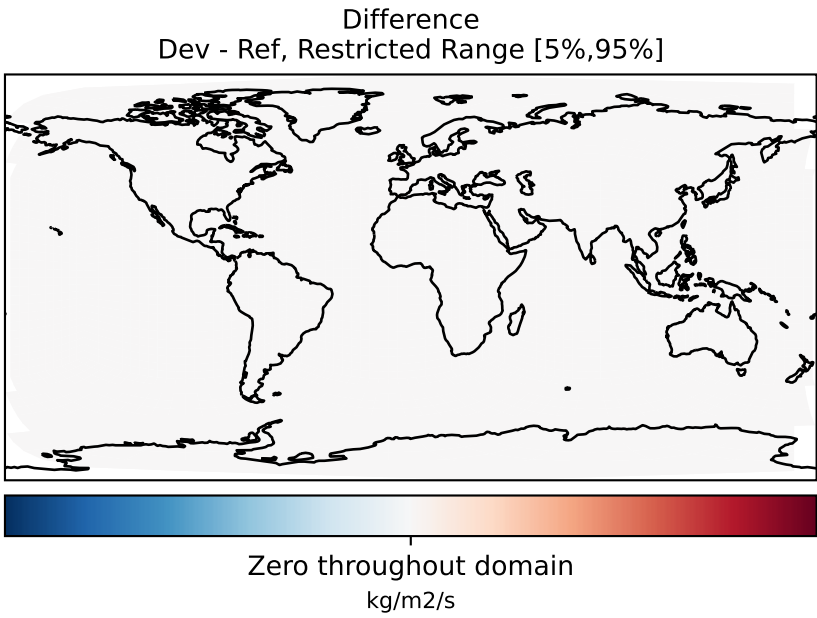
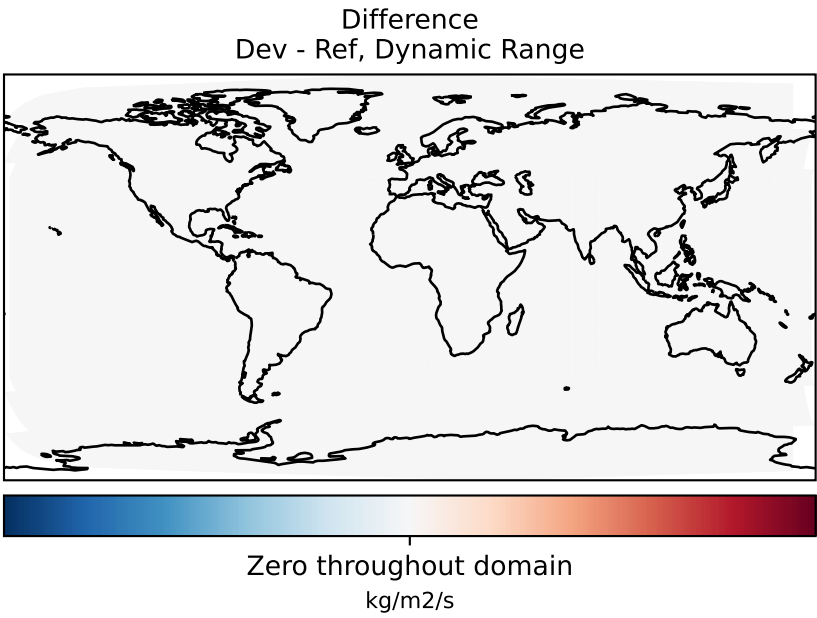
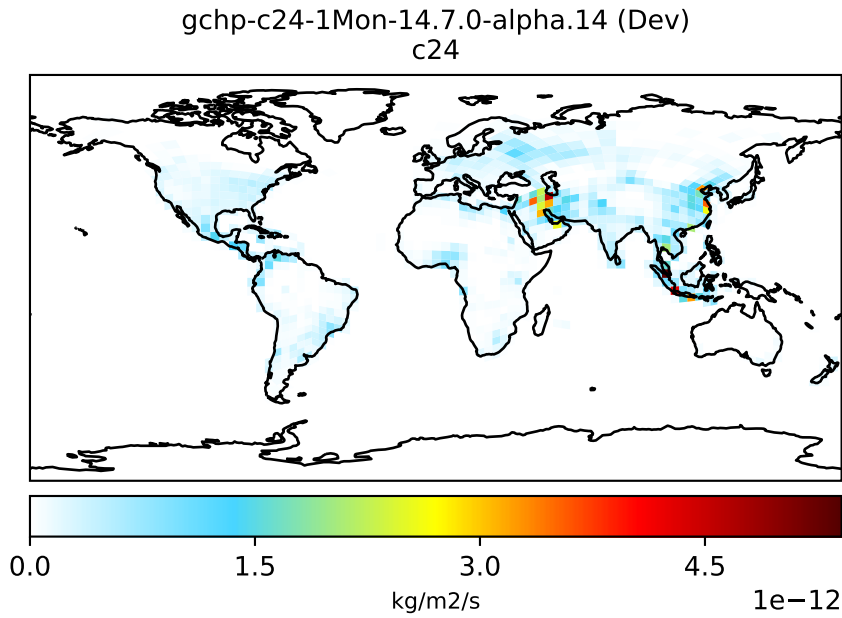
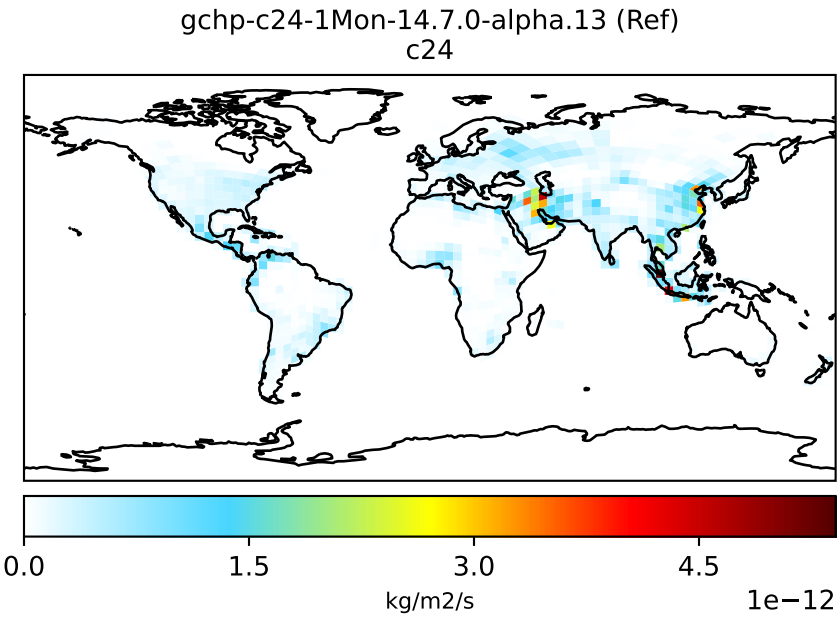




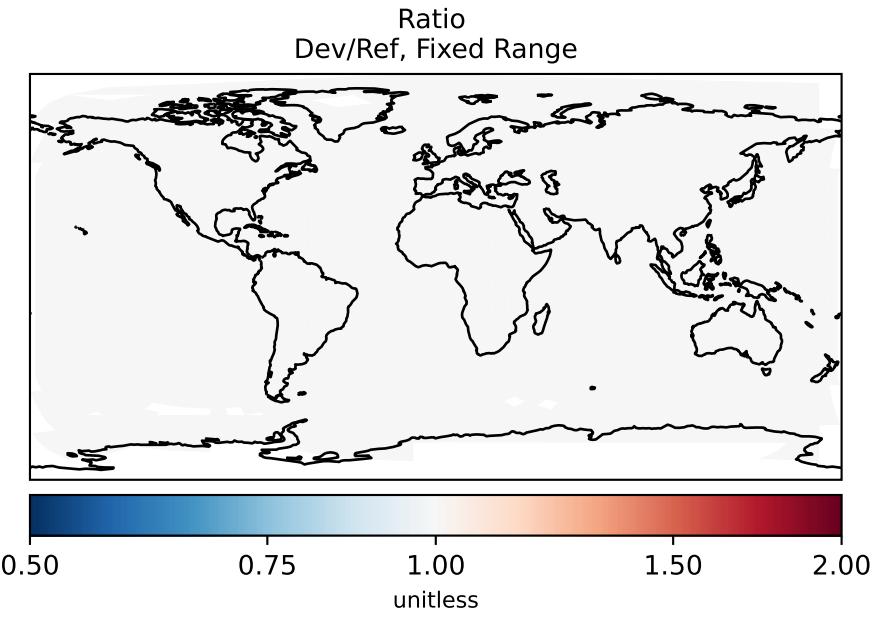
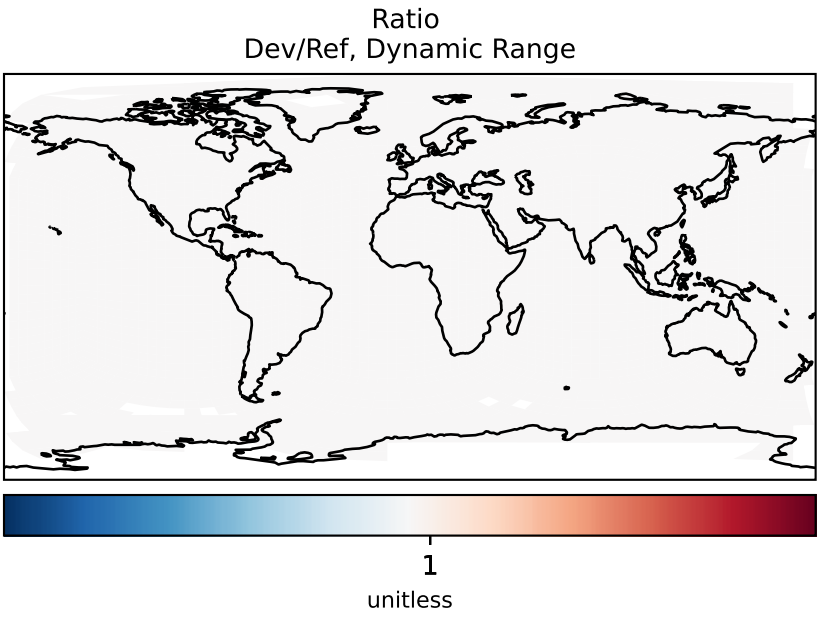
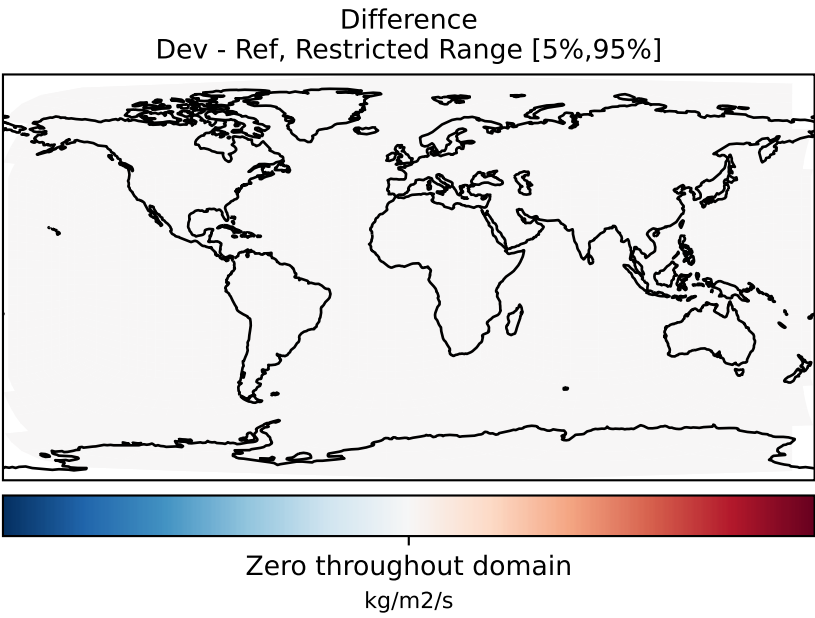
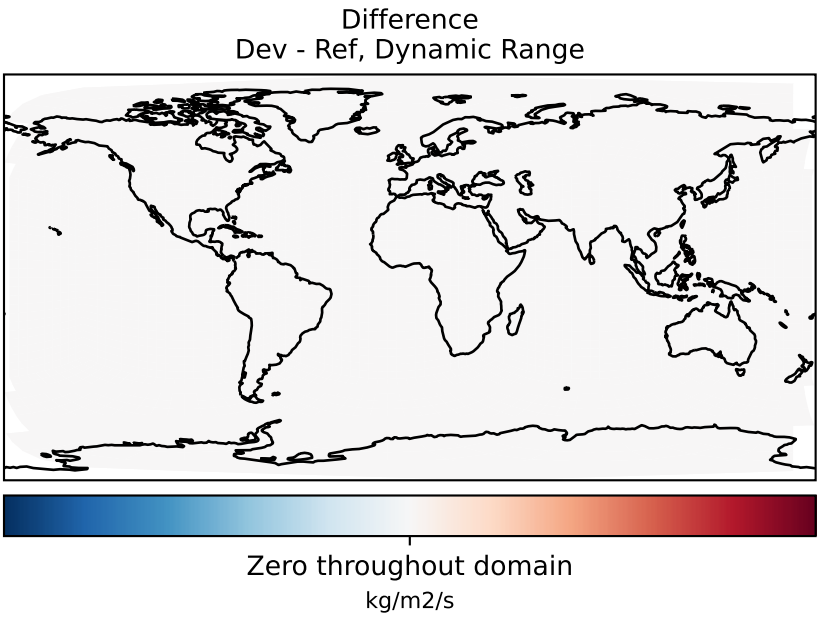
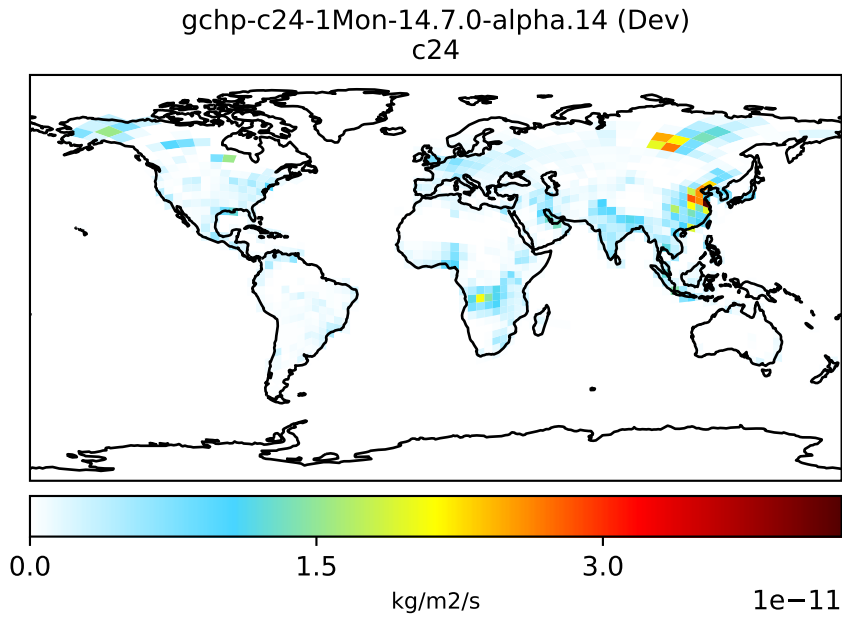
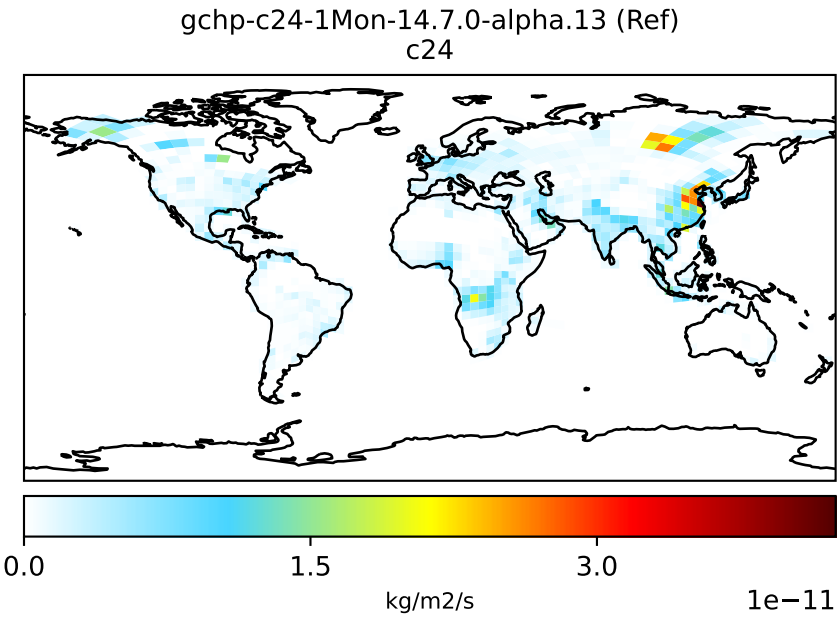
# EmisSTYR\_Total



# EmisTMB\_Total



# EmisTOLU\_Total



# EmisXYLE\_Total

