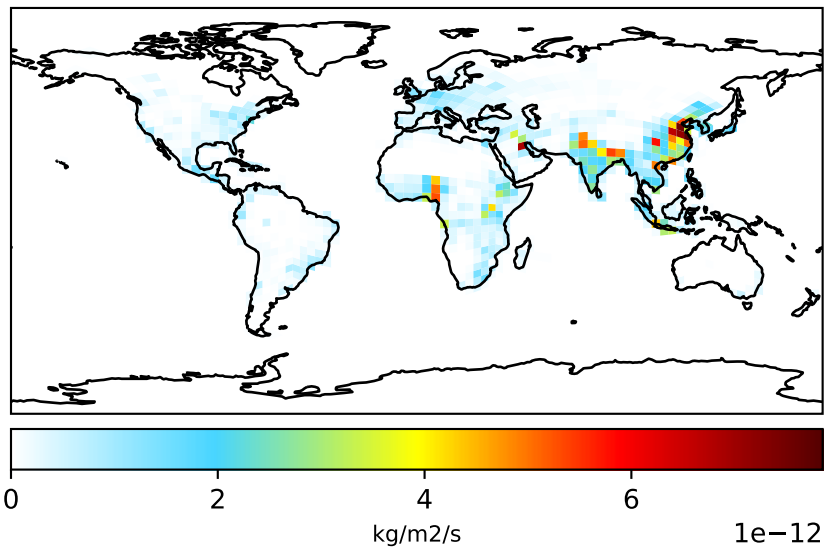
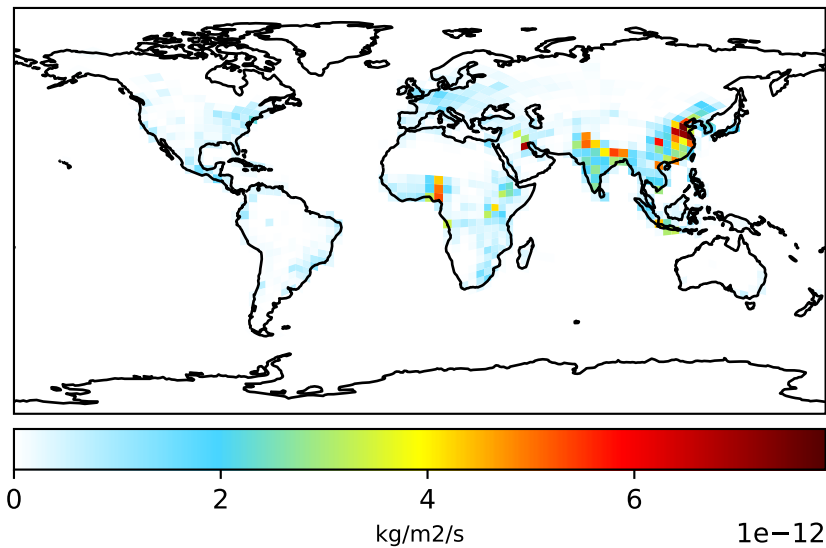


# EmisEOH\_Anthro

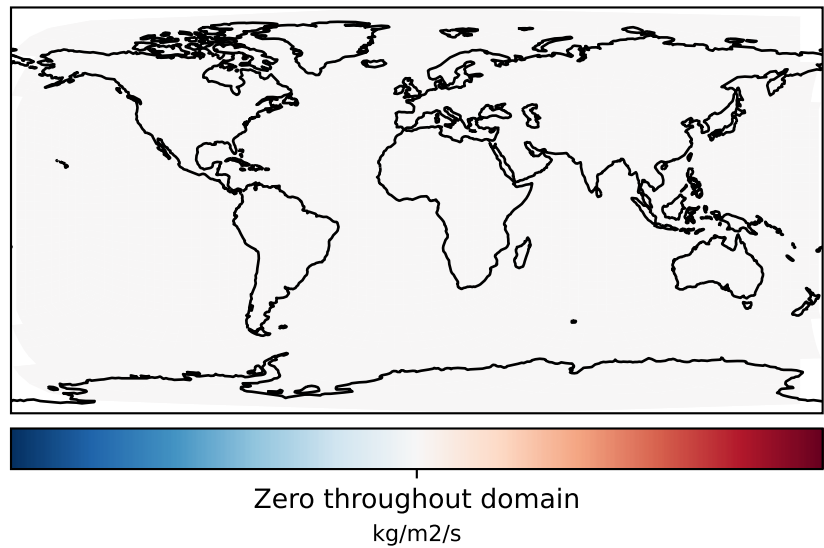
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



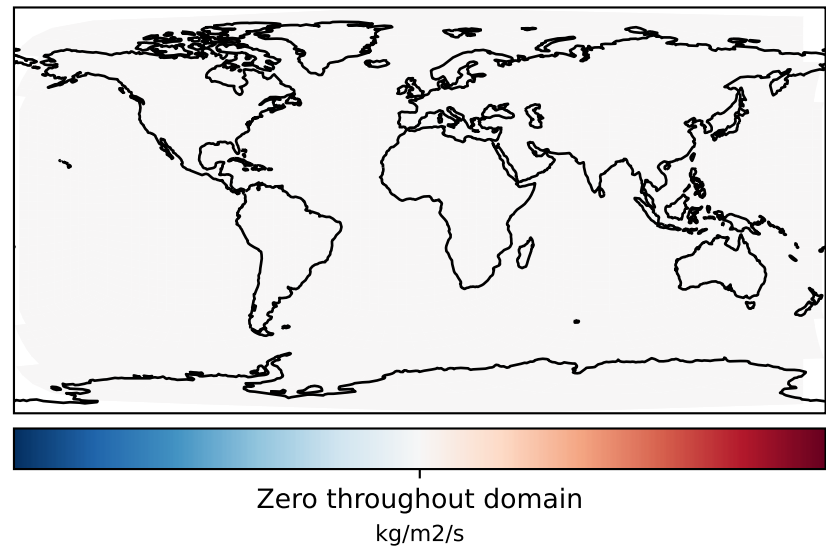
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



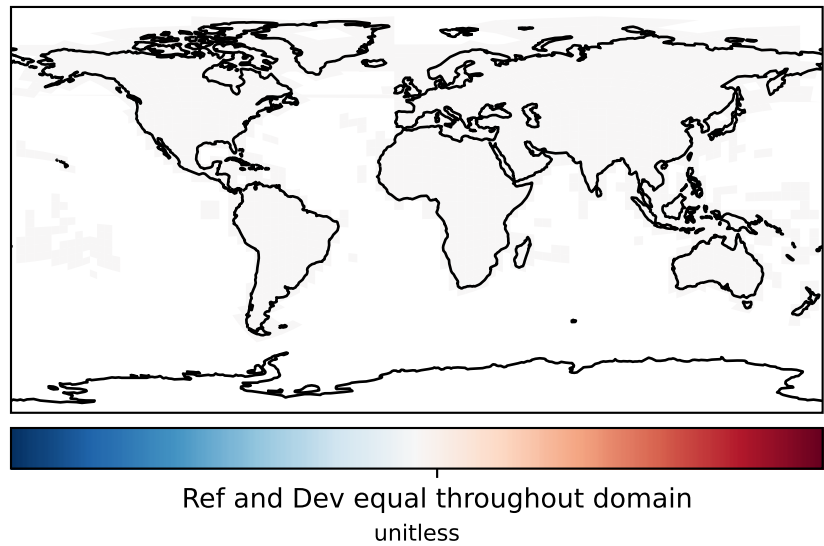
Difference  
Dev - Ref, Dynamic Range



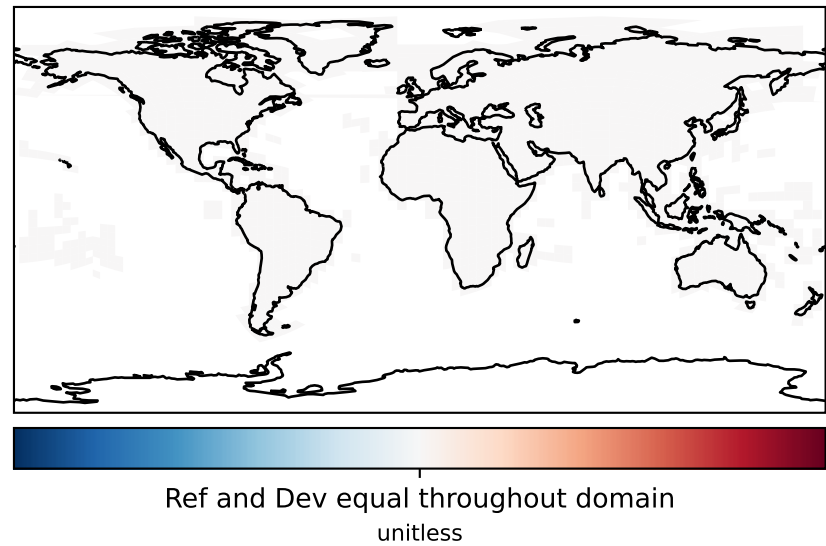
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

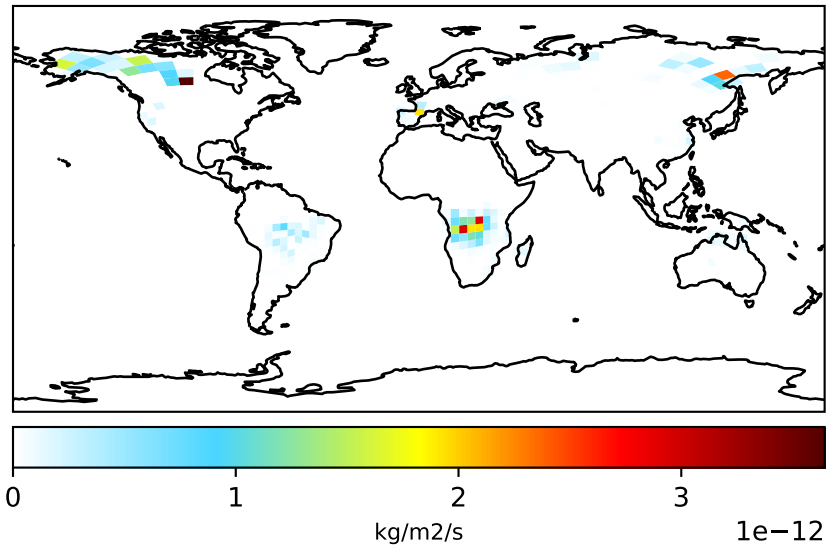


Ratio  
Dev/Ref, Fixed Range

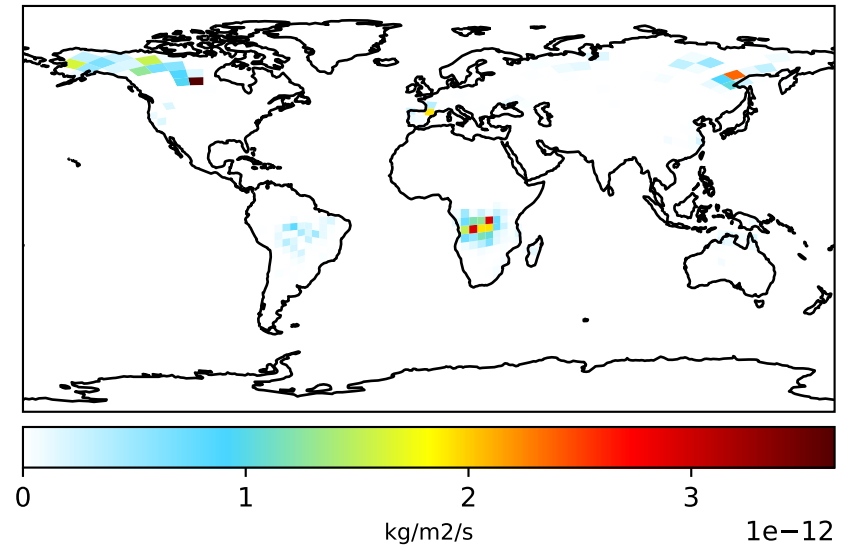


# EmisEOH\_BioBurn

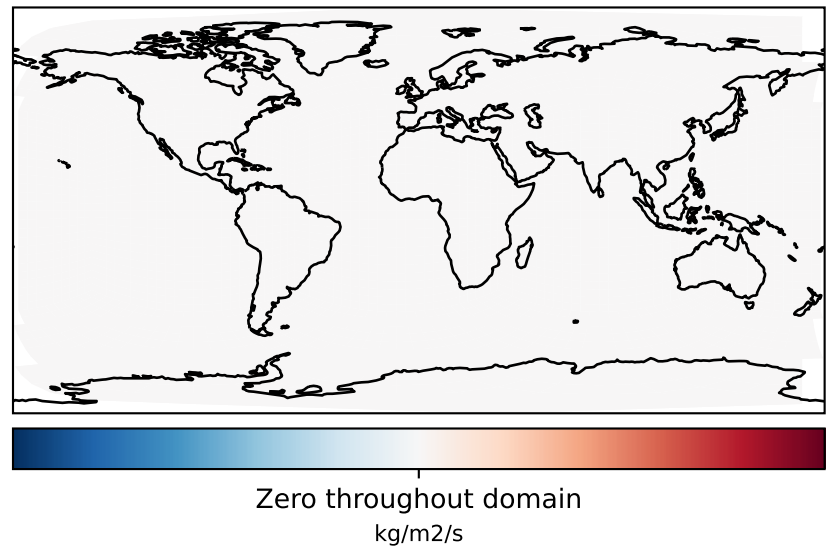
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



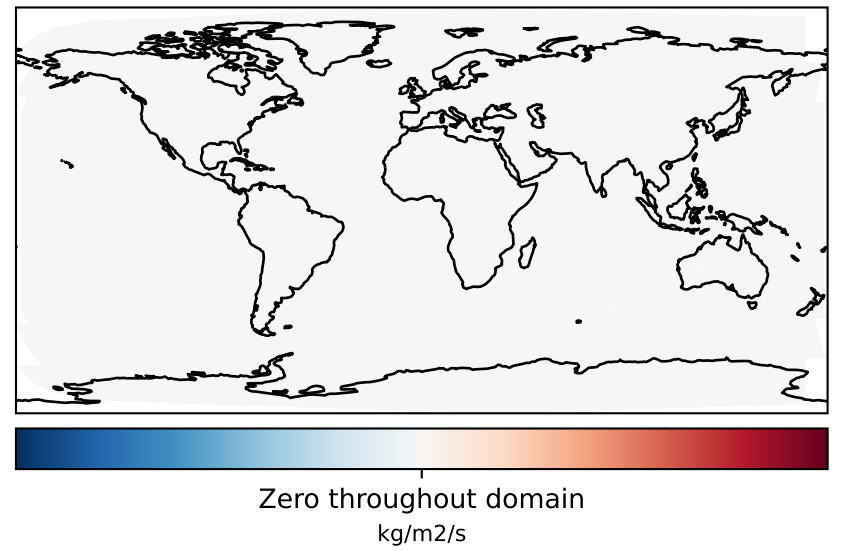
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



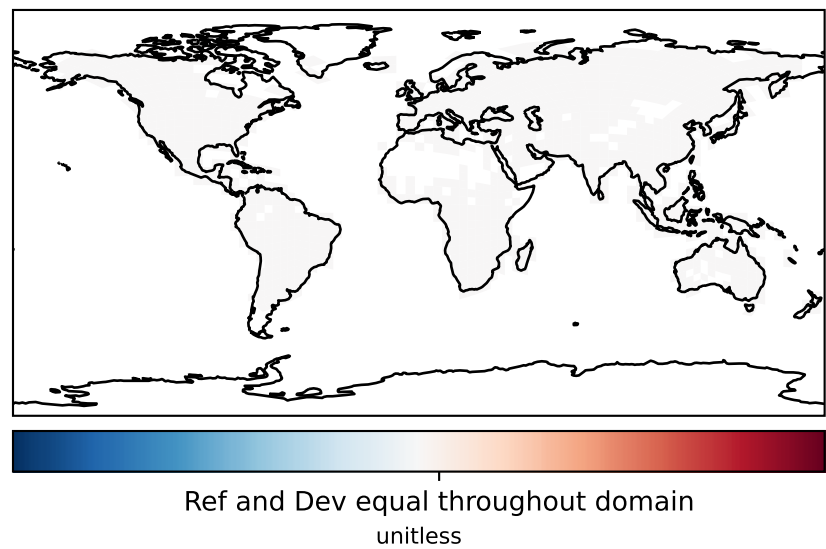
Difference  
Dev - Ref, Dynamic Range



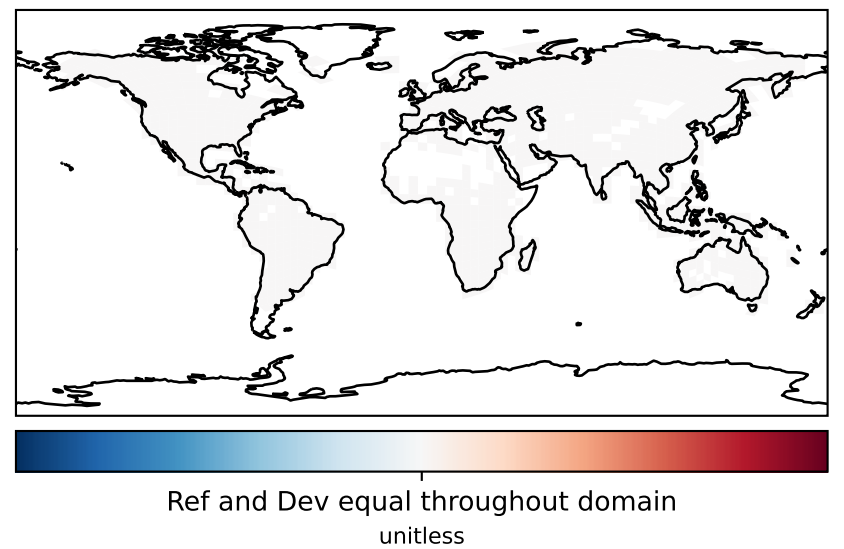
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

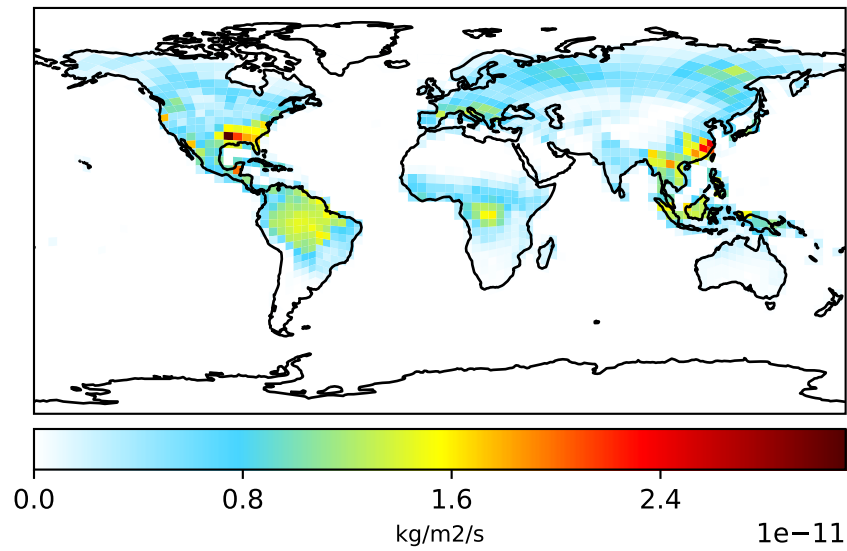


Ratio  
Dev/Ref, Fixed Range

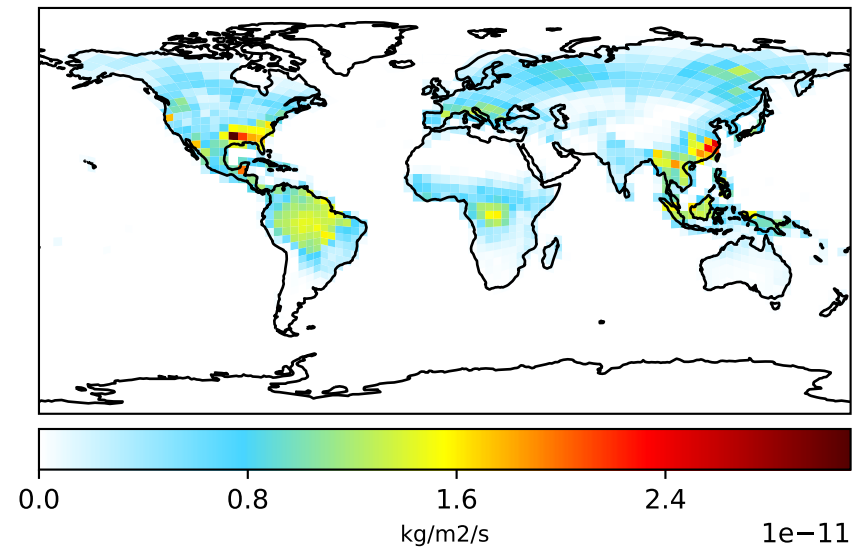


# EmisEOH\_Biogenic

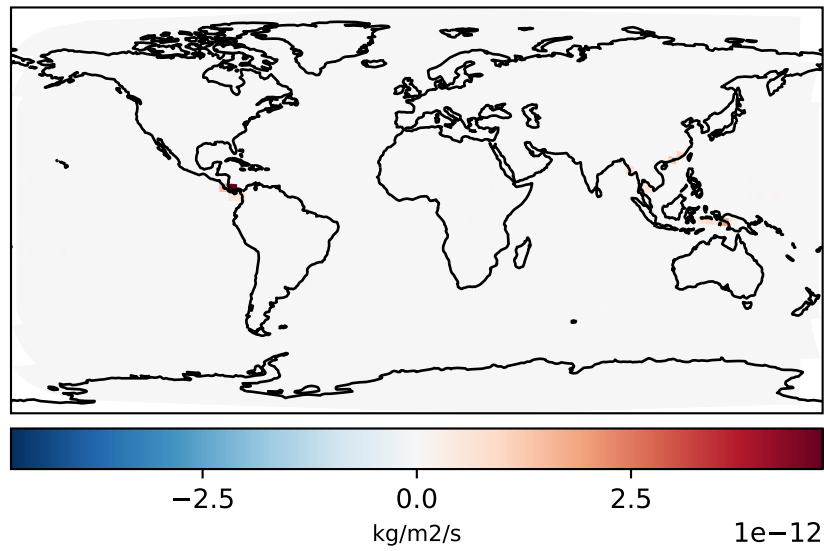
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



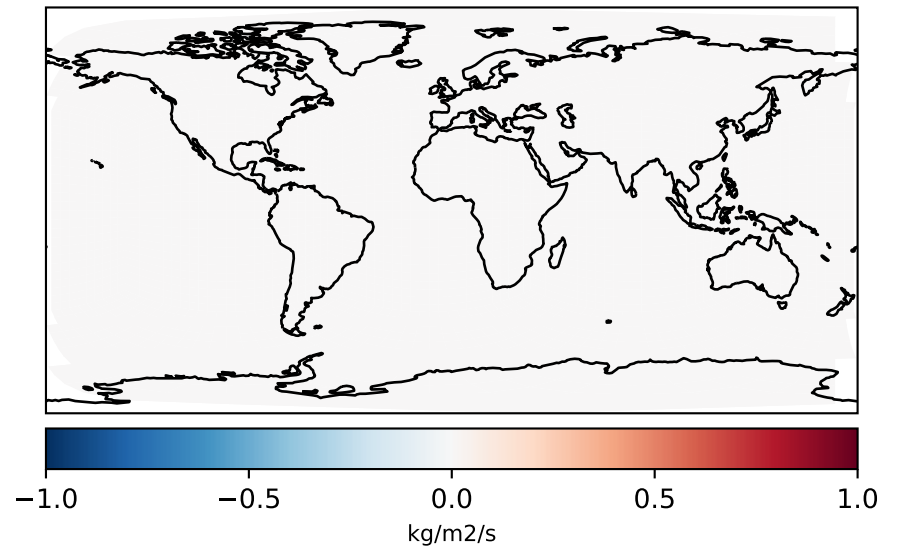
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



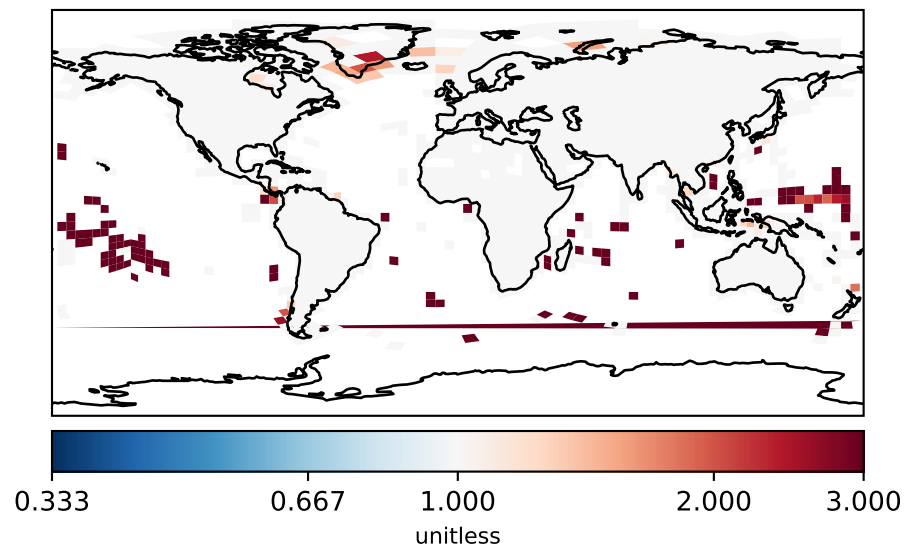
Difference  
Dev - Ref, Dynamic Range



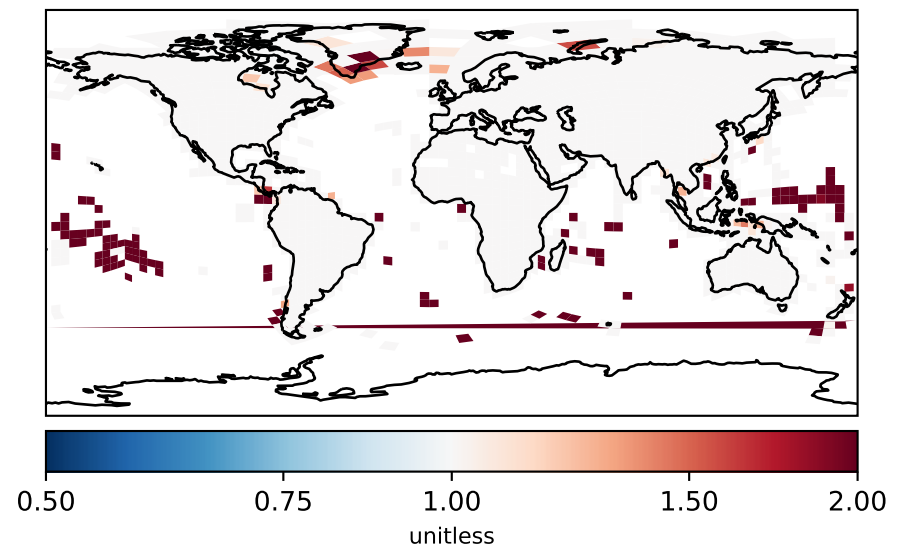
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

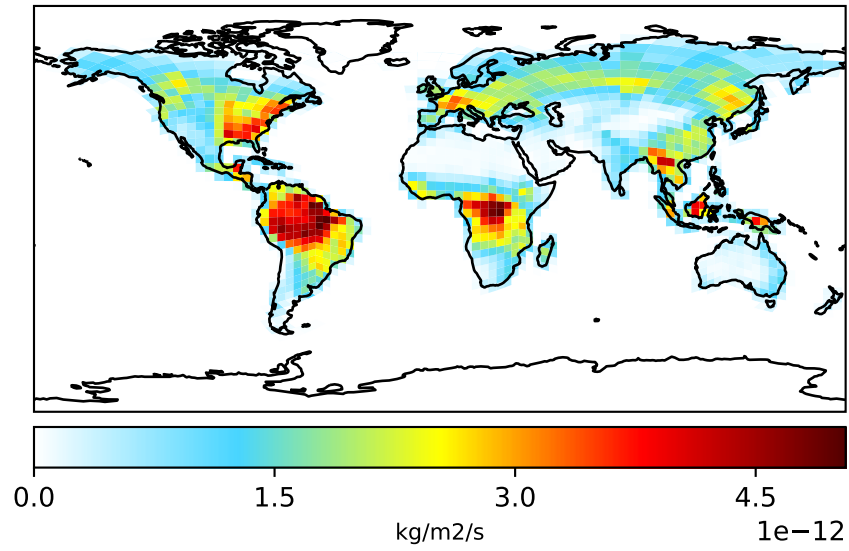


Ratio  
Dev/Ref, Fixed Range

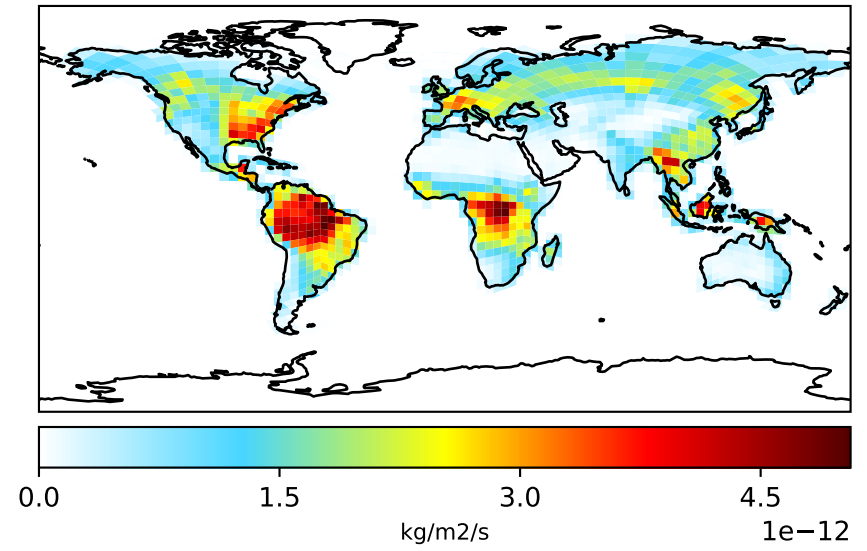


# EmisEOH\_PlantDecay

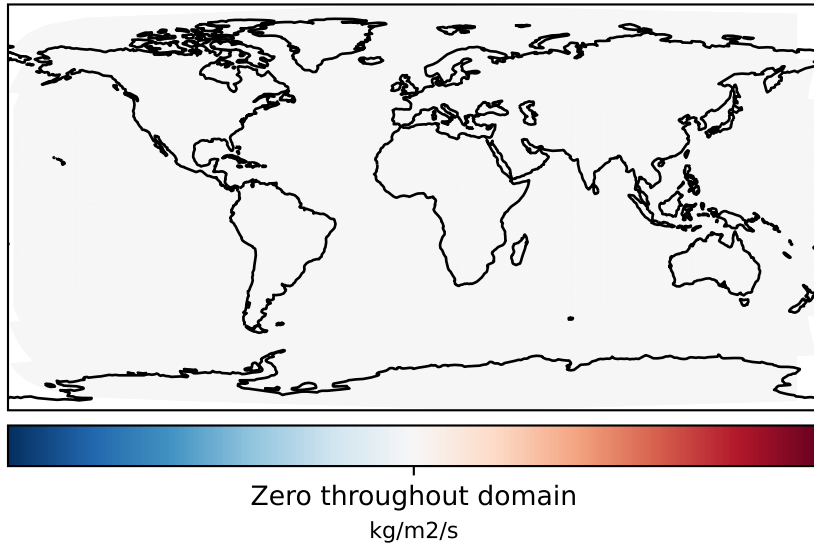
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



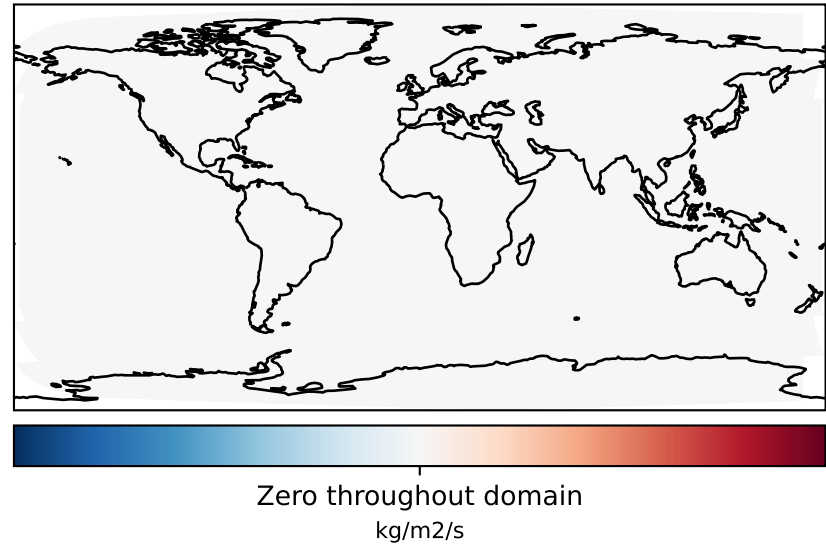
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



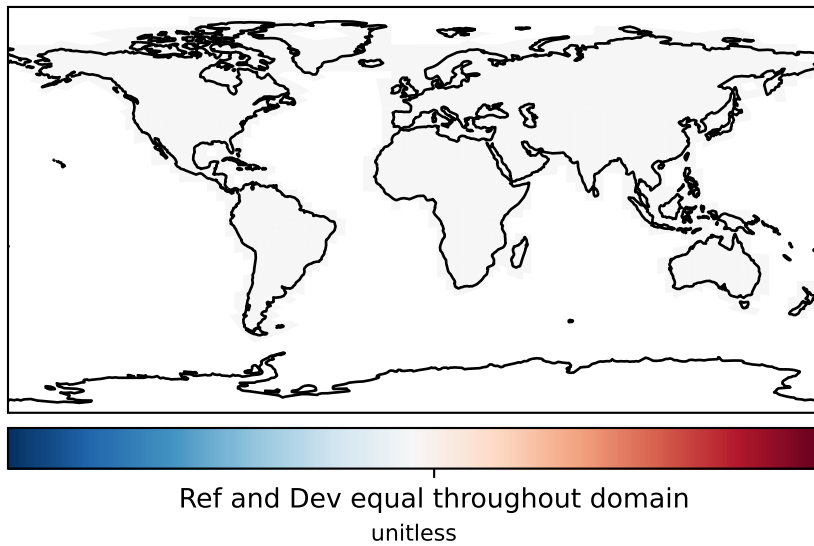
Difference  
Dev - Ref, Dynamic Range



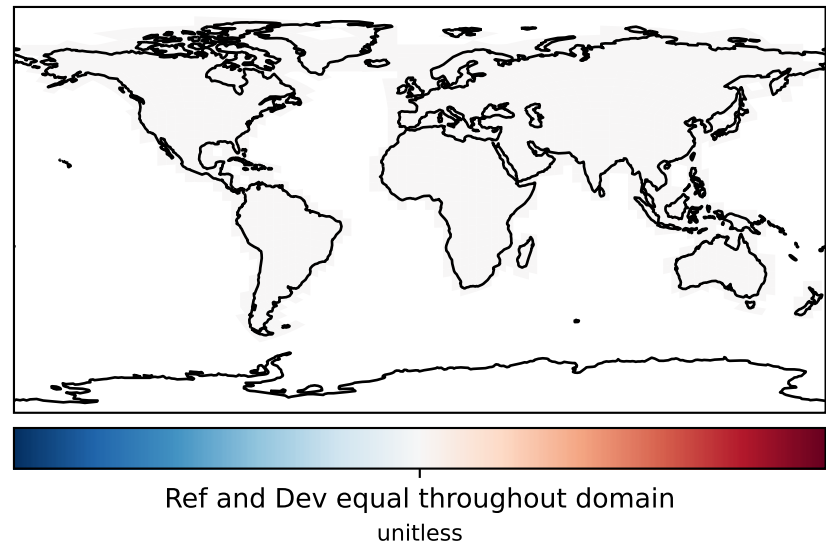
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

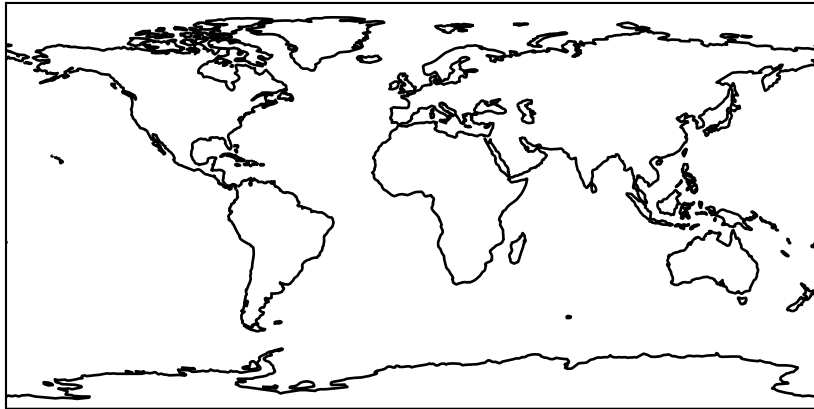


Ratio  
Dev/Ref, Fixed Range



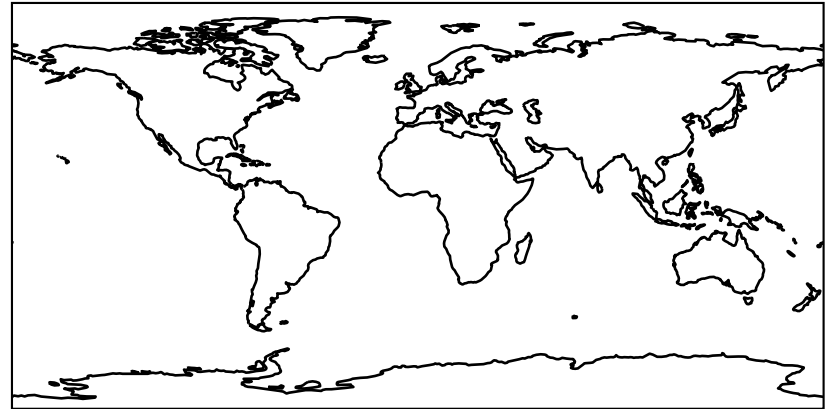
# EmisEOH\_Ship

Processed GEOS-FP input, 3-hr winds (Ref)  
c24



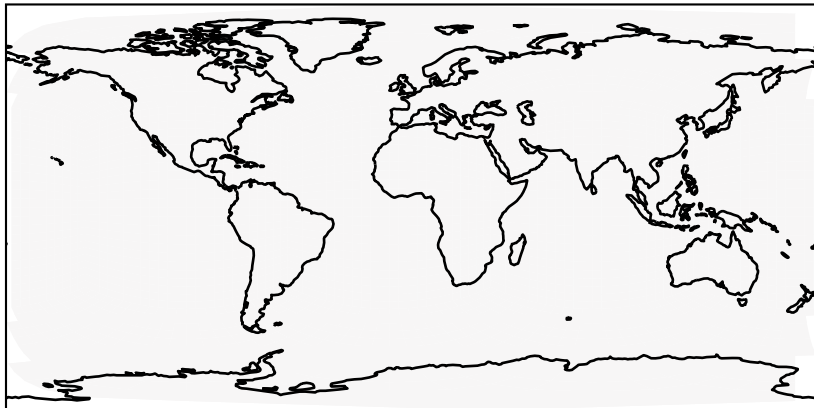
Zero throughout domain  
kg/m2/s

Raw GEOS-FP input, 3-hr winds (Dev)  
c24



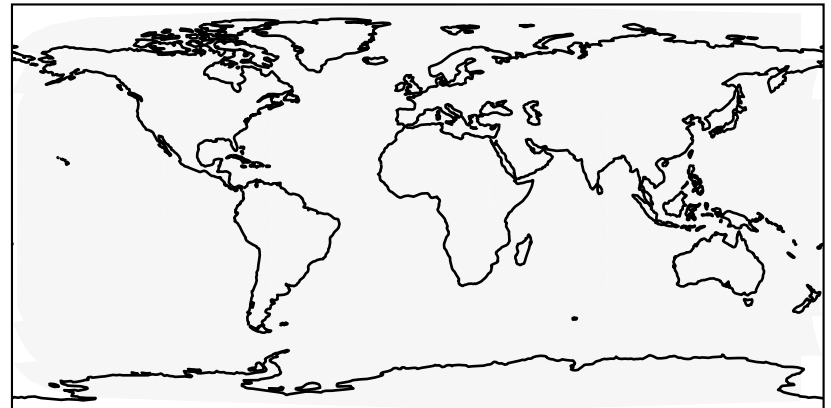
Zero throughout domain  
kg/m2/s

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

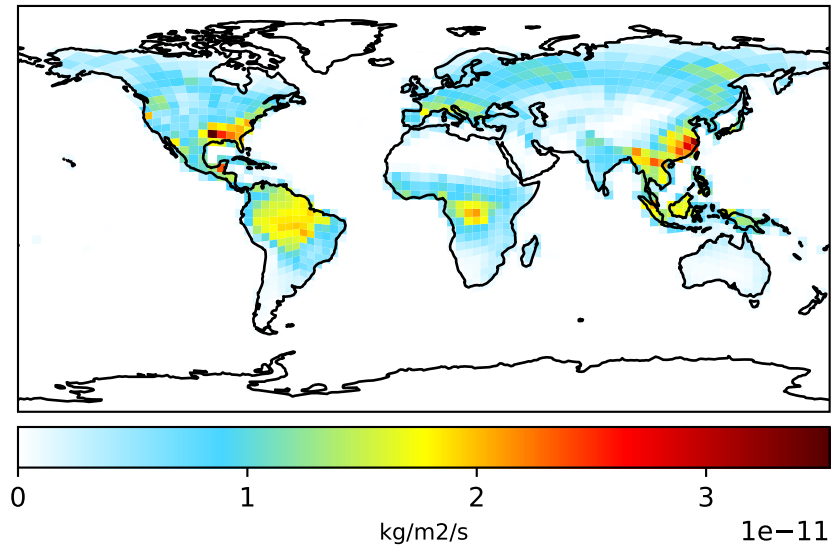
Ratio  
Dev/Ref, Fixed Range



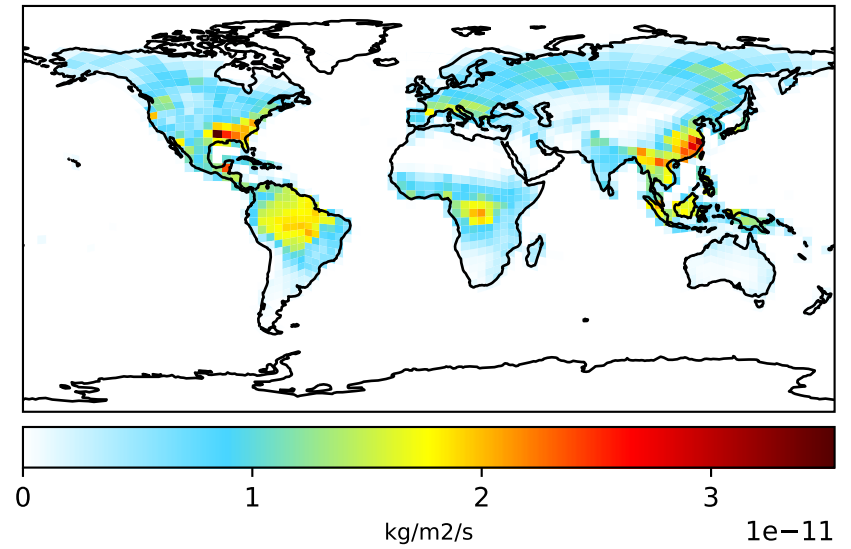
Undefined throughout domain  
unitless

# EmisEOH\_Total

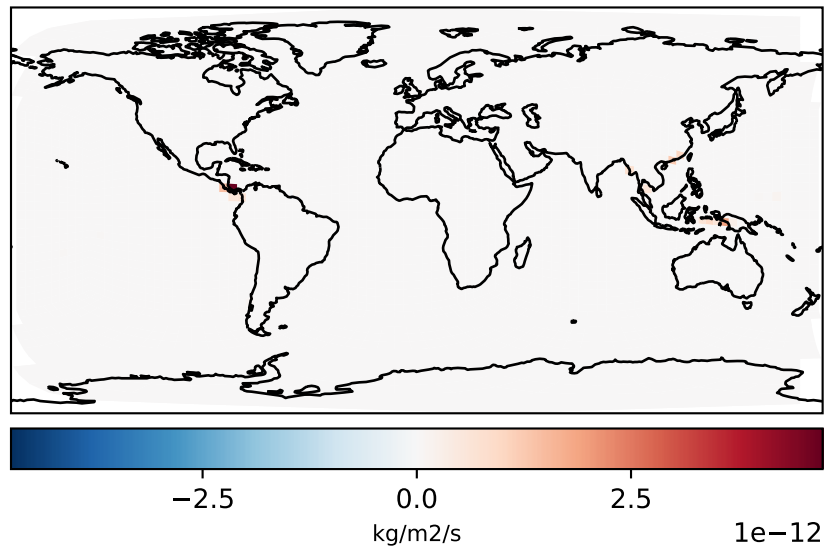
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



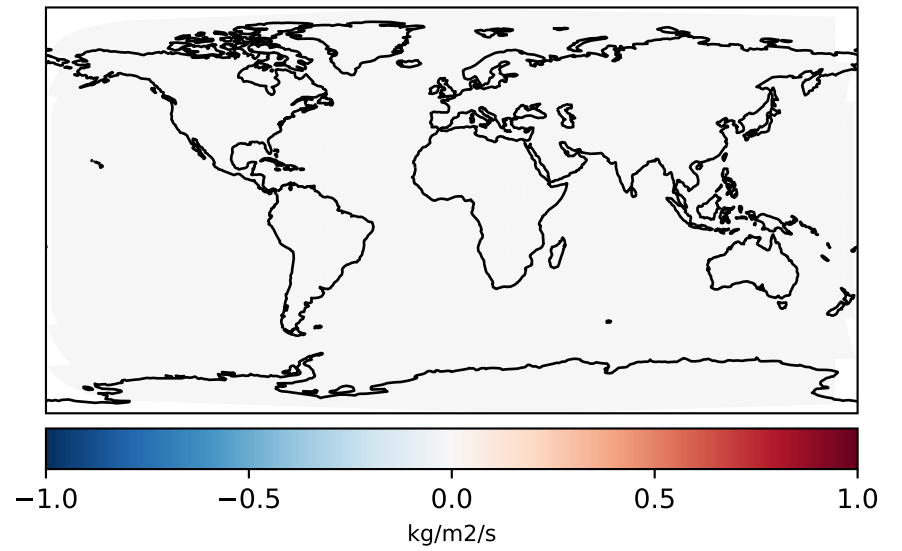
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



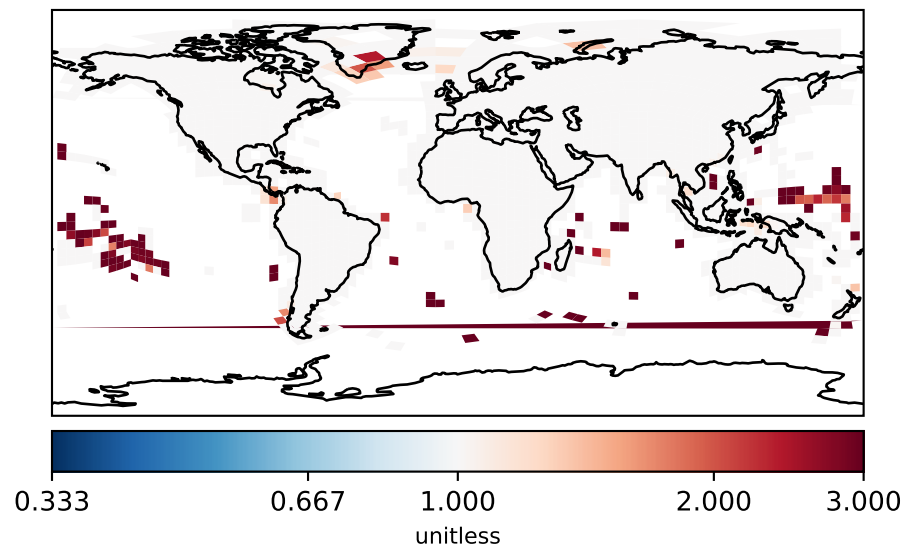
Difference  
Dev - Ref, Dynamic Range



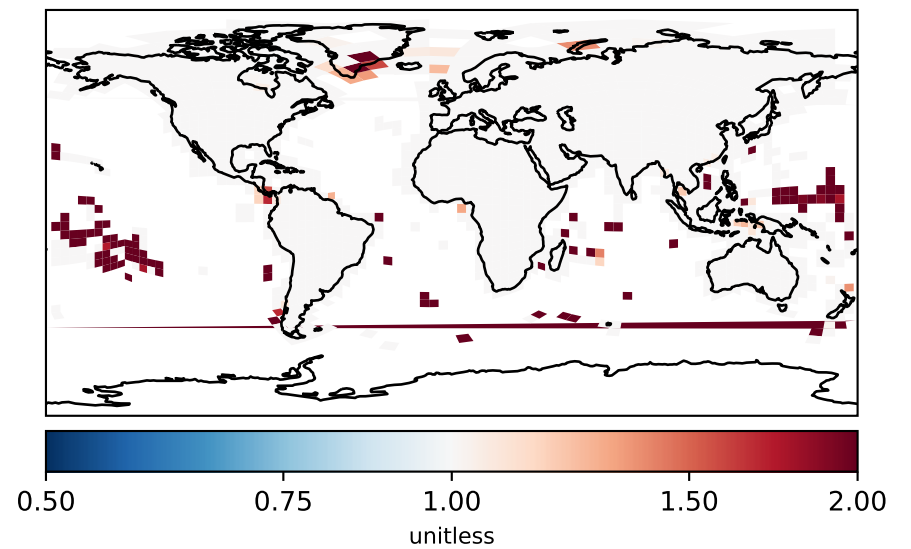
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

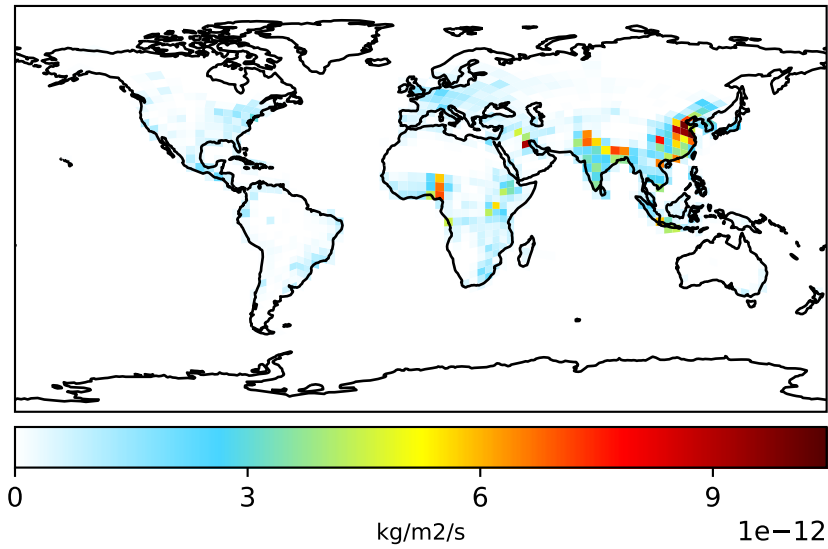


Ratio  
Dev/Ref, Fixed Range

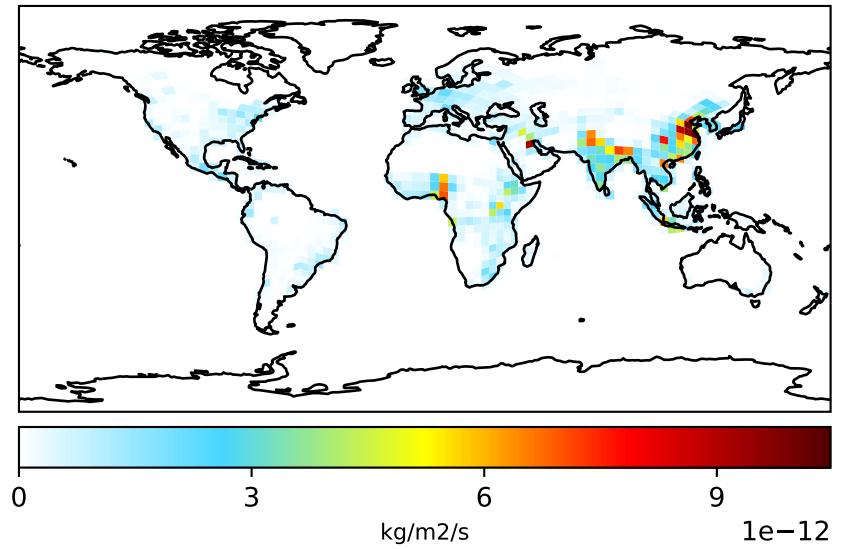


# EmisMOH\_Anthro

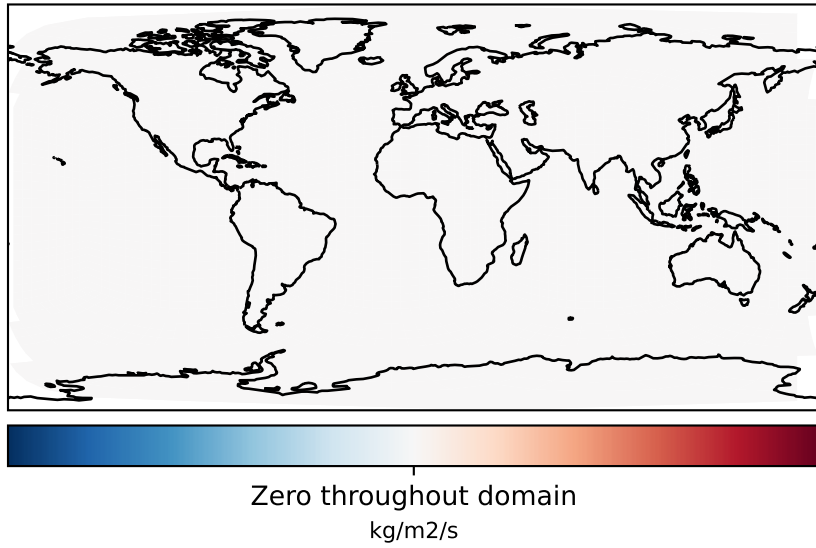
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



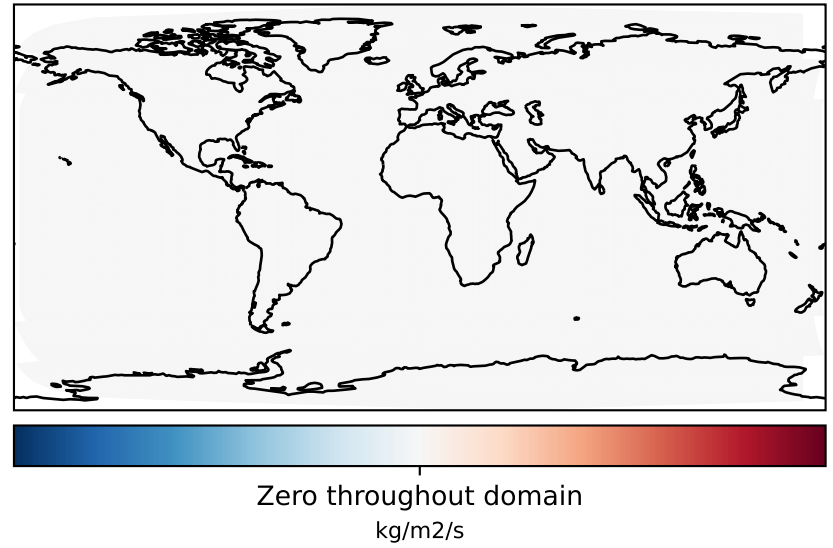
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



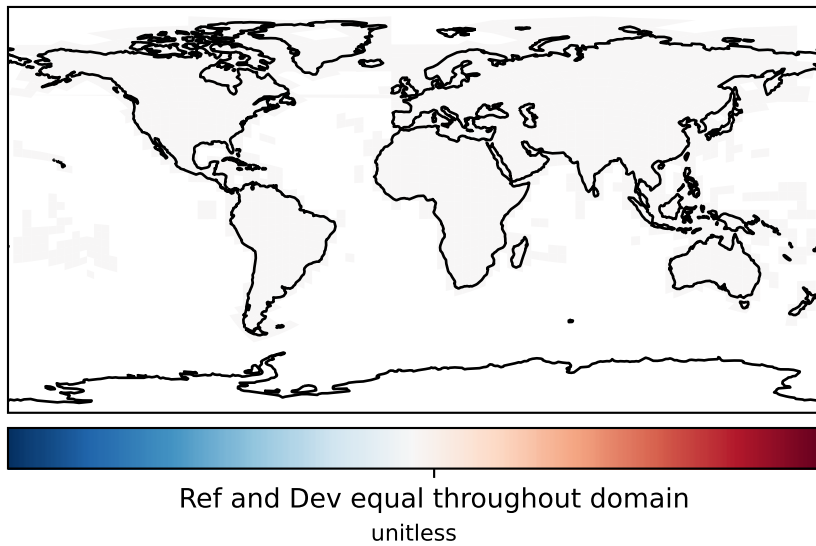
Difference  
Dev - Ref, Dynamic Range



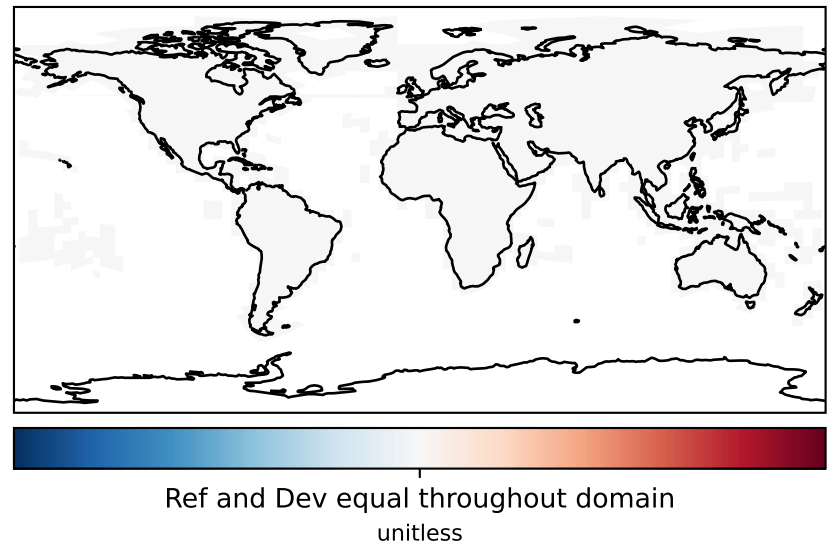
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

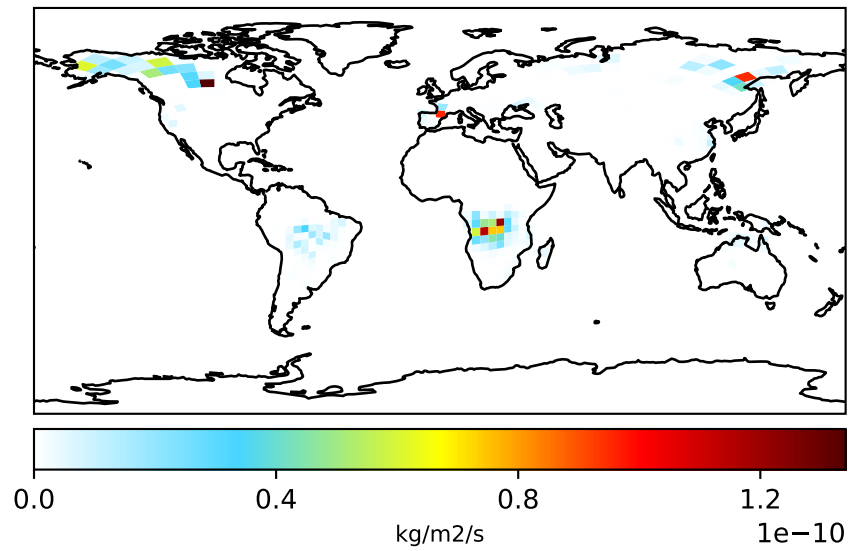


Ratio  
Dev/Ref, Fixed Range

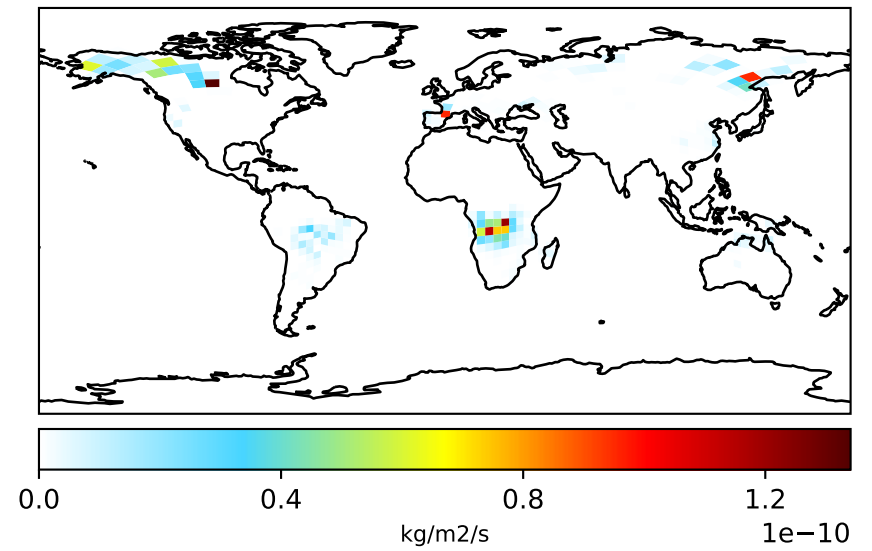


# EmisMOH\_BioBurn

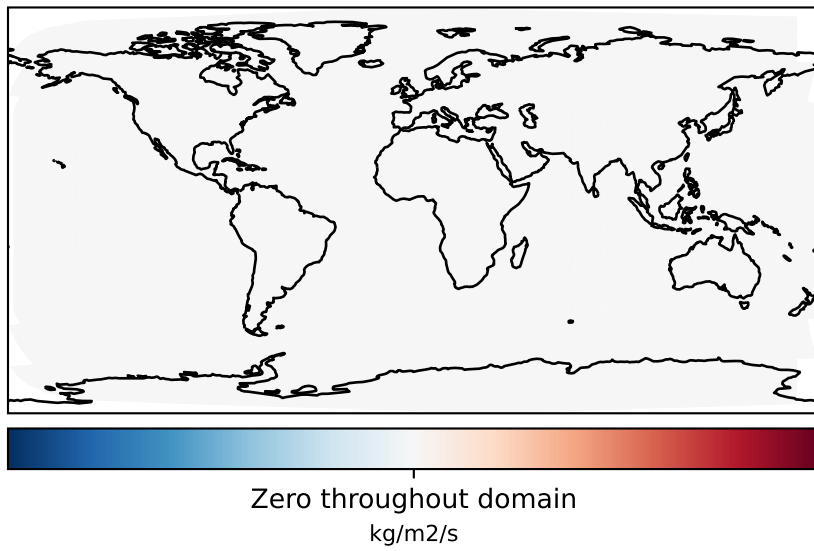
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



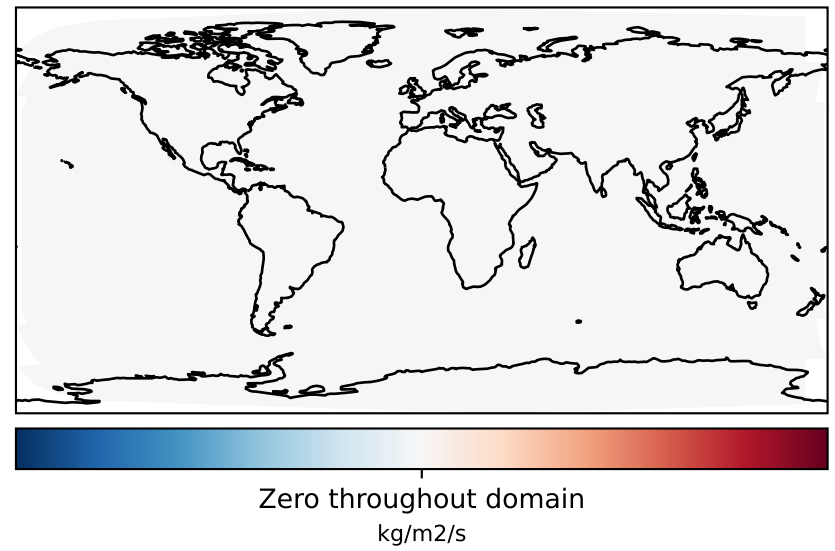
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



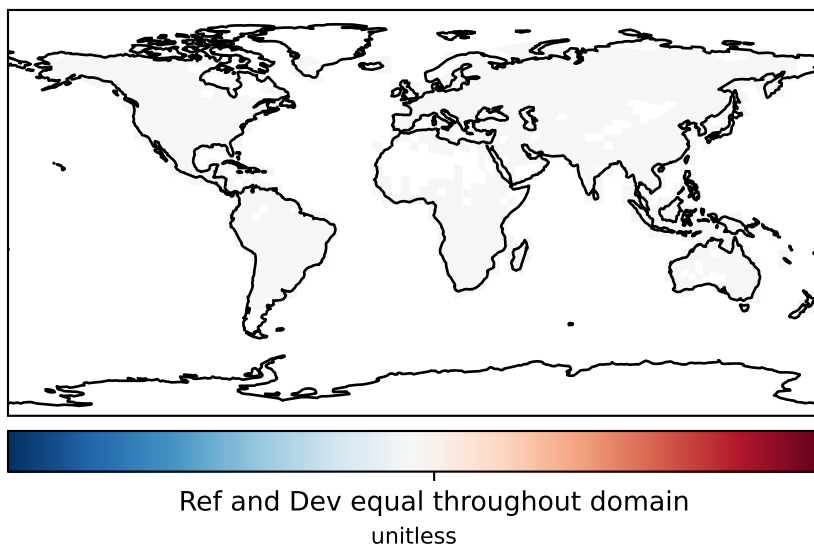
Difference  
Dev - Ref, Dynamic Range



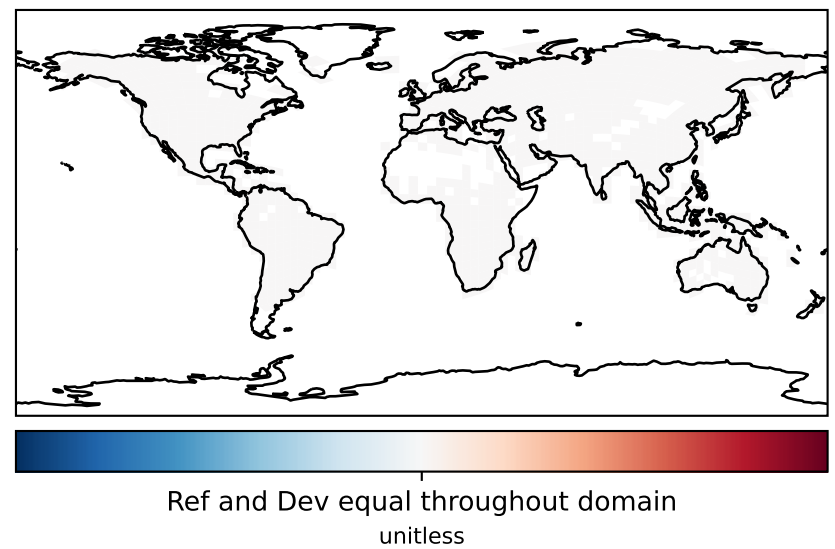
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



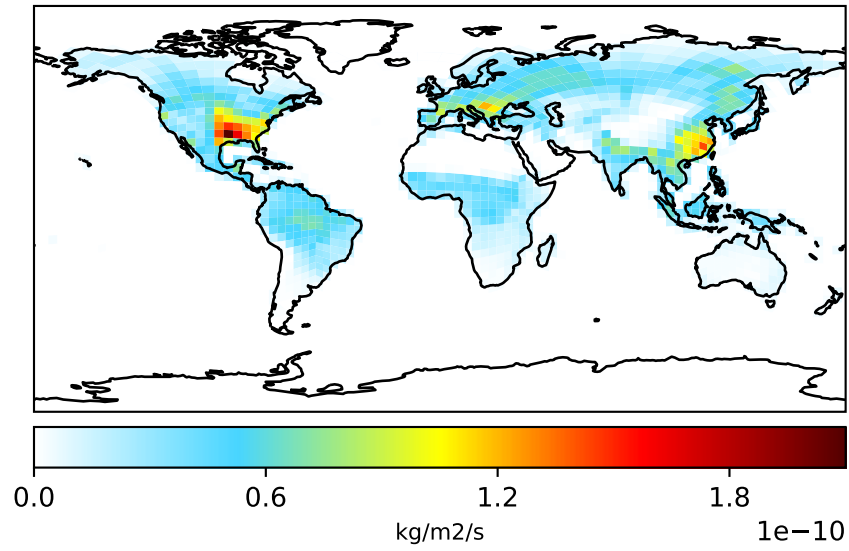
Ratio  
Dev/Ref, Fixed Range



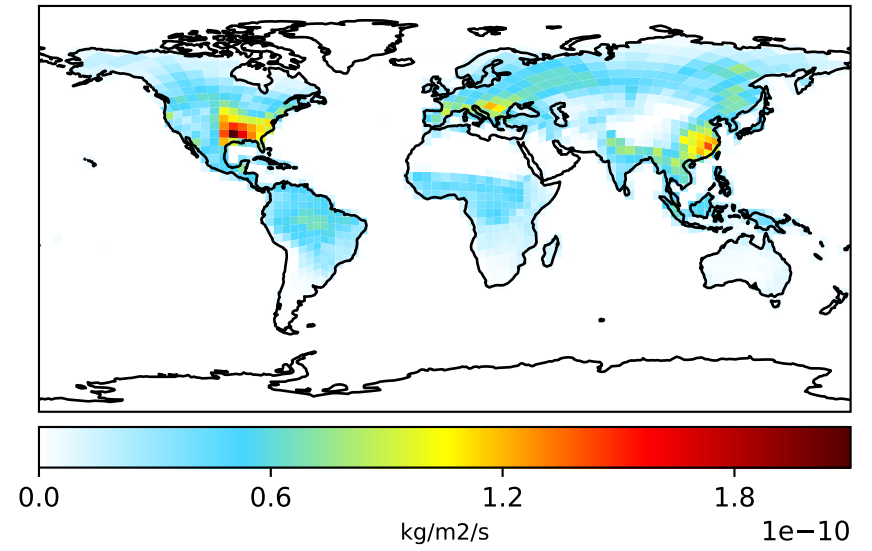


# EmisMOH\_Biogenic

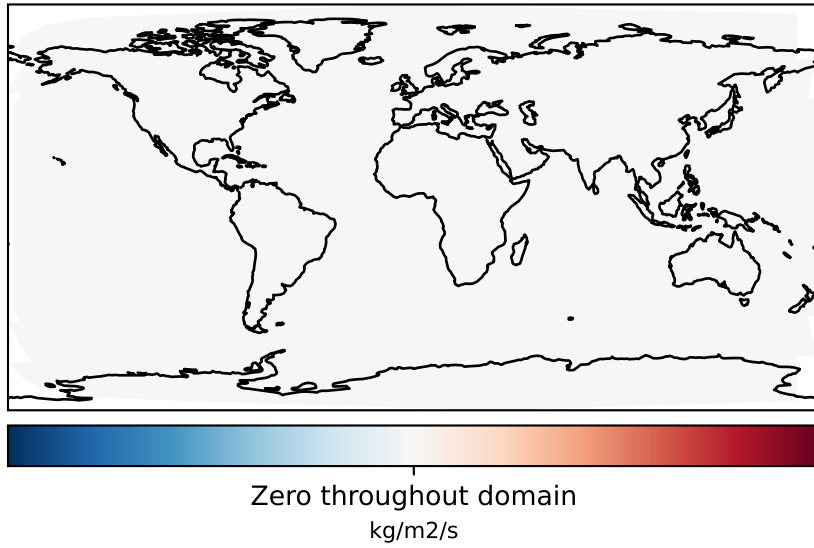
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



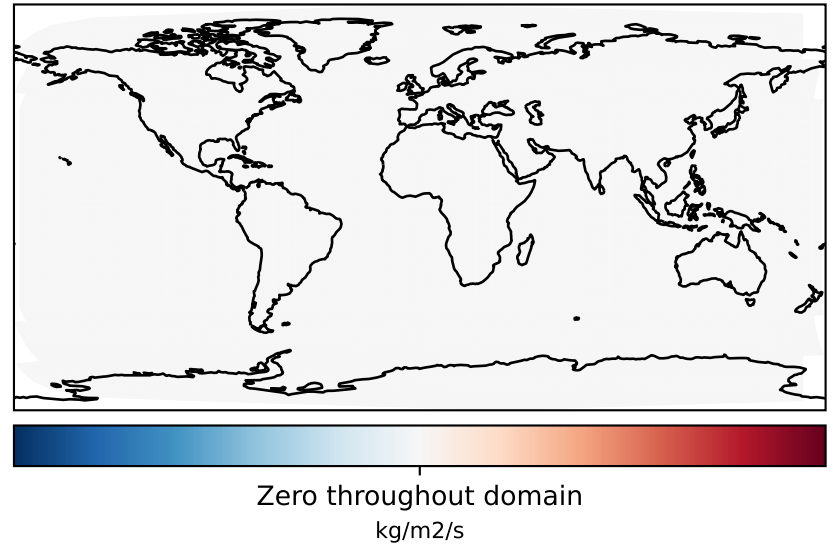
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



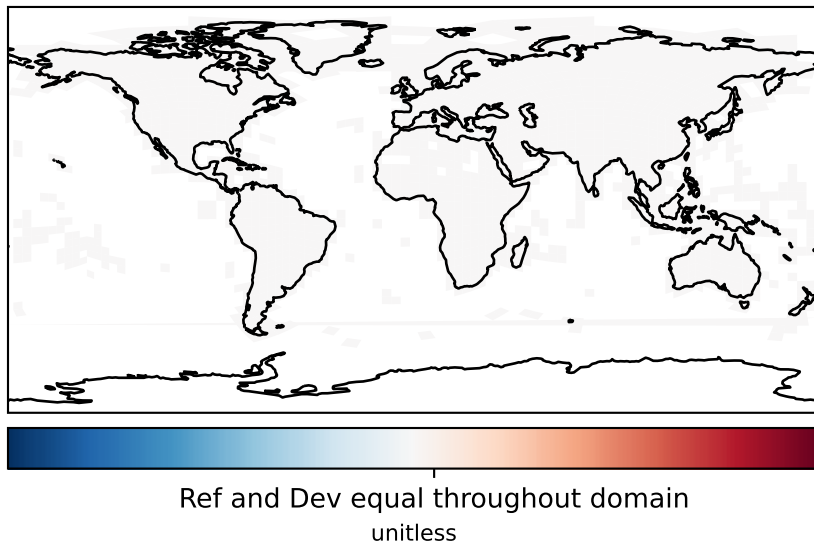
Difference  
Dev - Ref, Dynamic Range



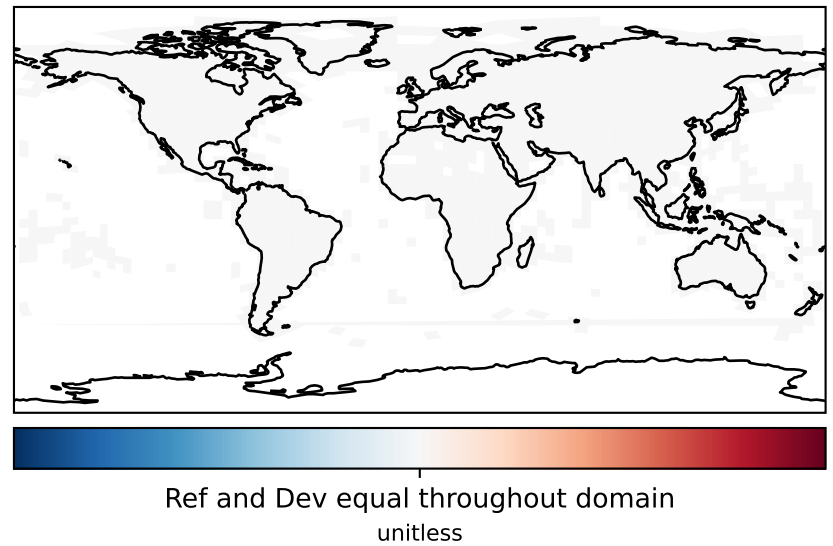
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

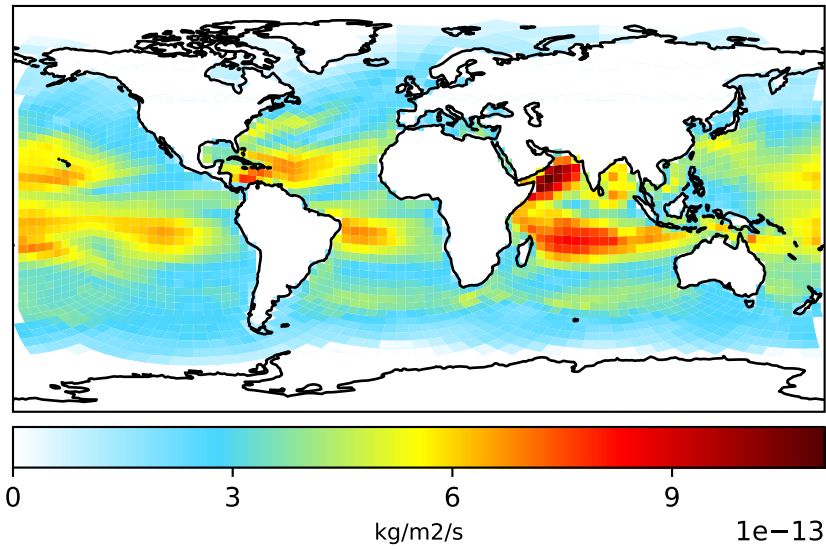


Ratio  
Dev/Ref, Fixed Range

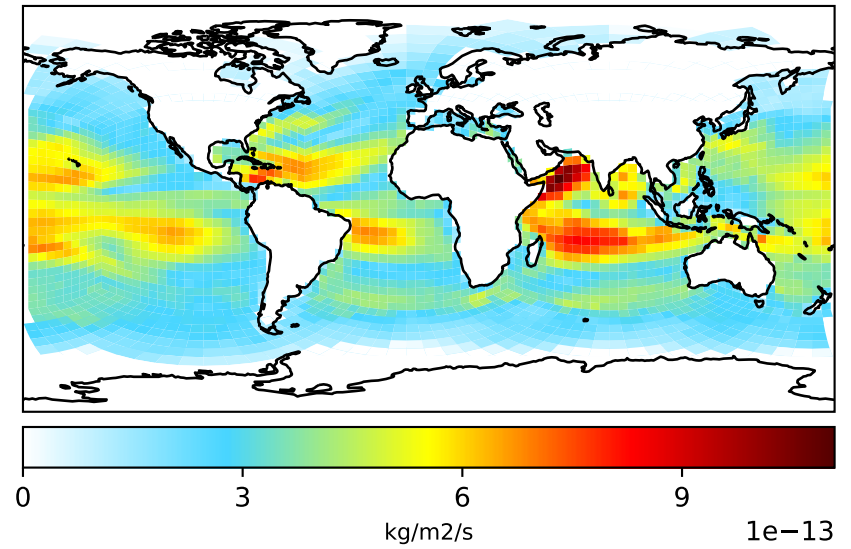


# EmisMOH\_Ocean

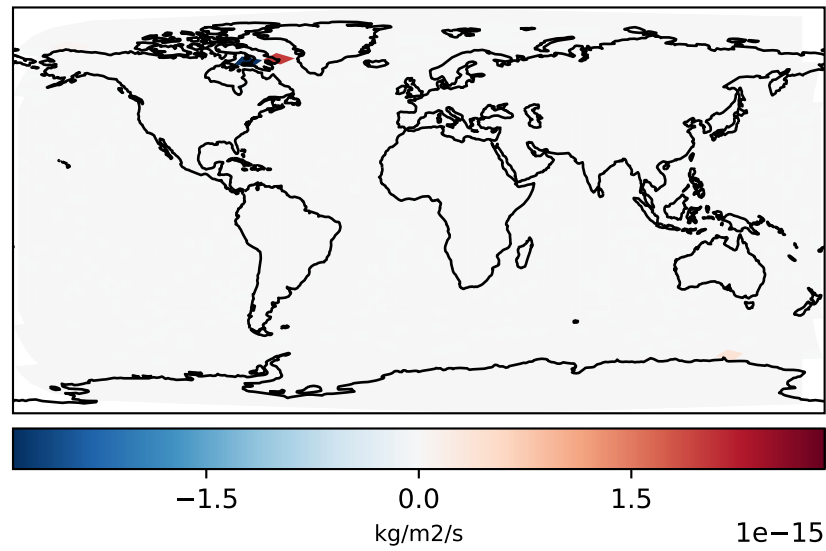
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



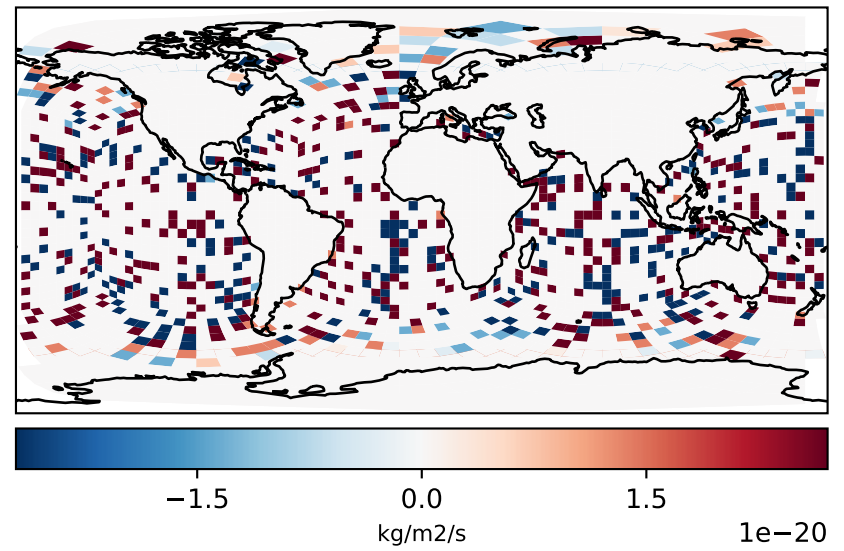
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



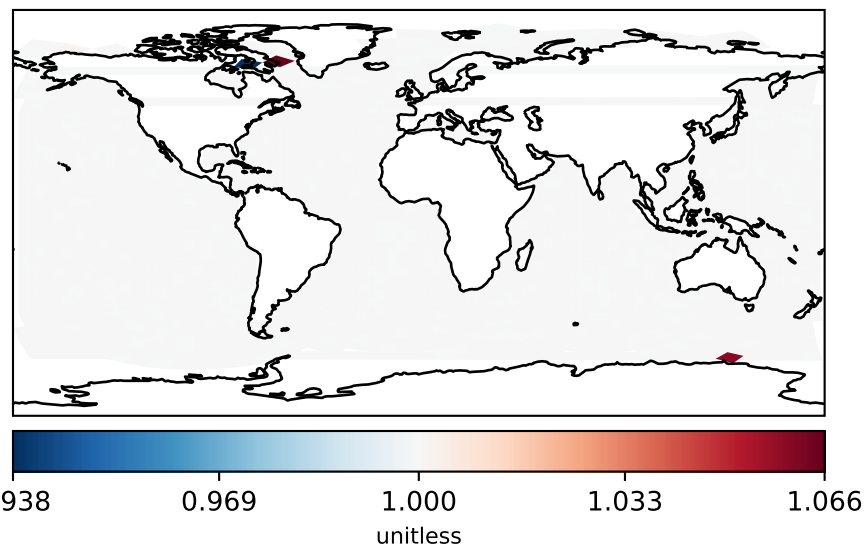
Difference  
Dev - Ref, Dynamic Range



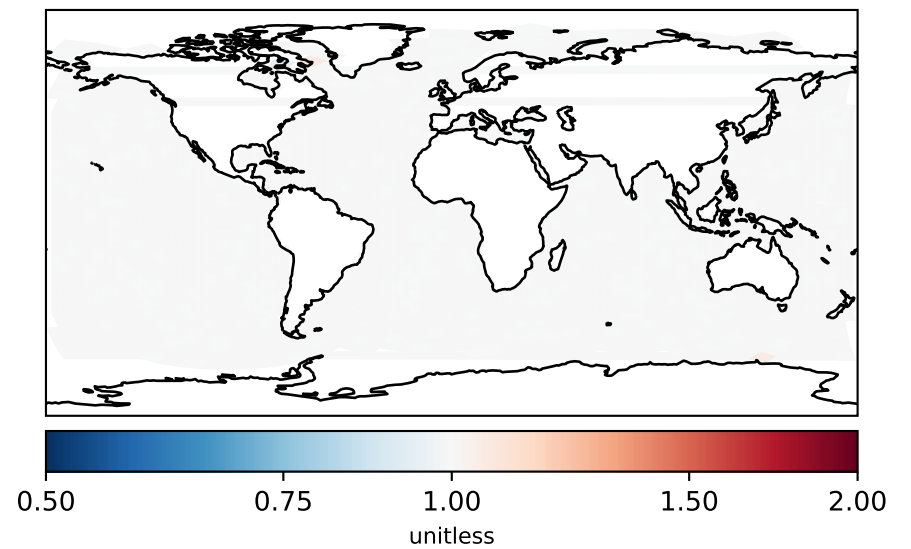
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

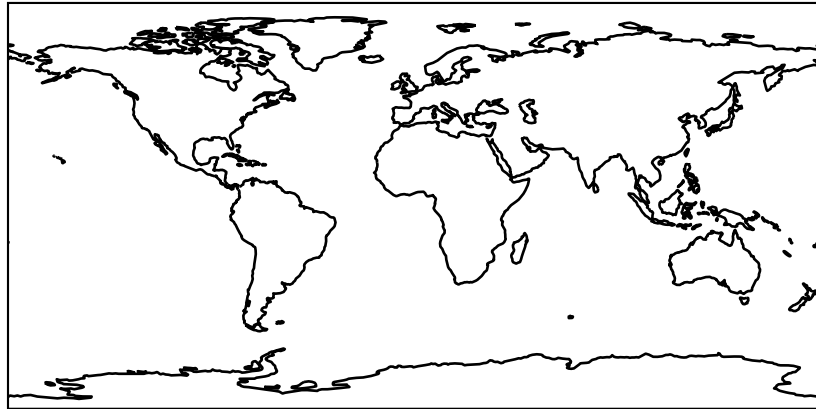


Ratio  
Dev/Ref, Fixed Range



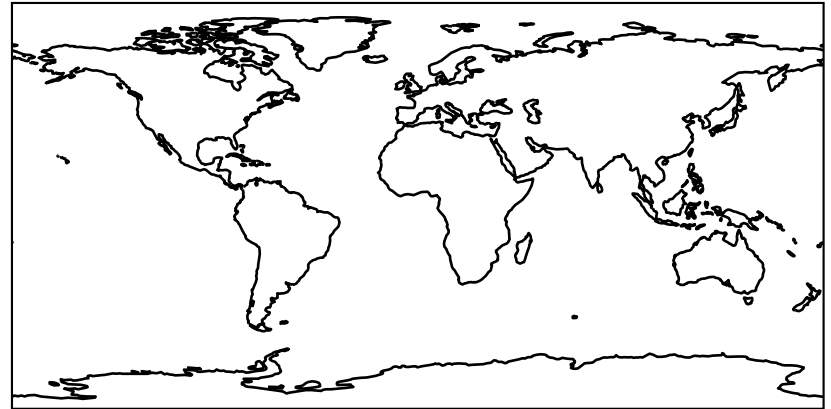
# EmisMOH\_Ship

Processed GEOS-FP input, 3-hr winds (Ref)  
c24



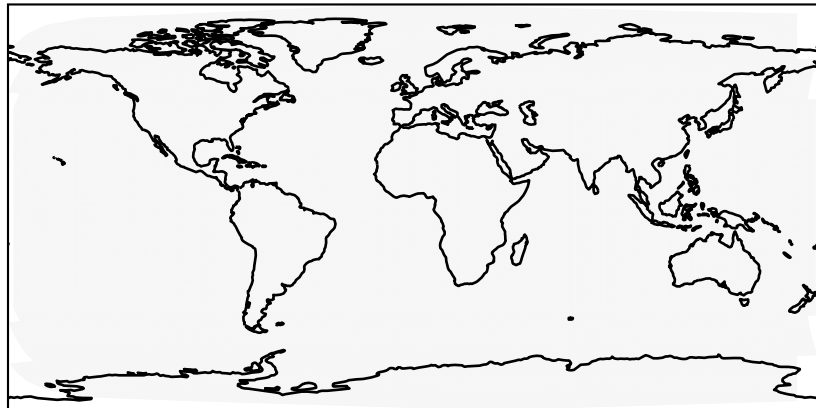
Zero throughout domain  
kg/m2/s

Raw GEOS-FP input, 3-hr winds (Dev)  
c24



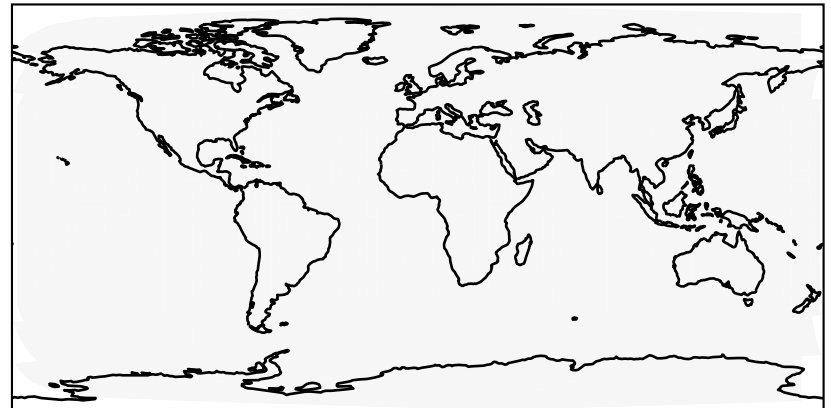
Zero throughout domain  
kg/m2/s

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

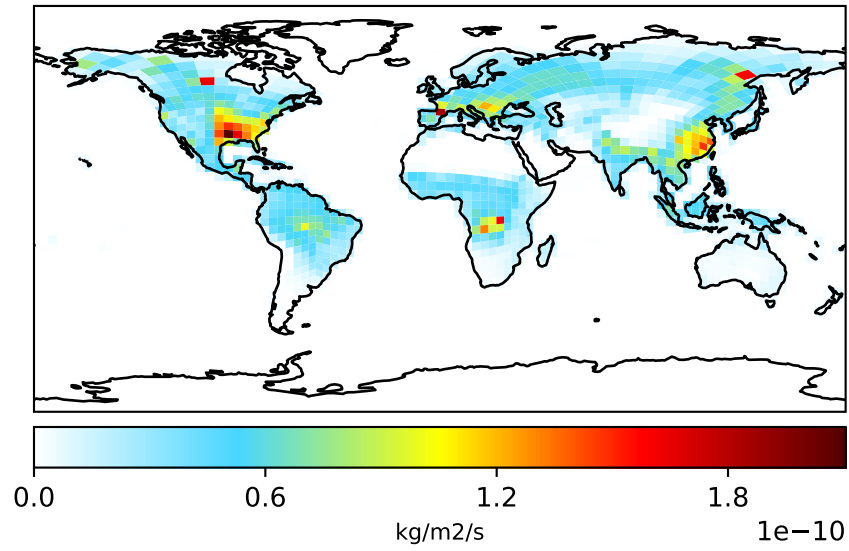
Ratio  
Dev/Ref, Fixed Range



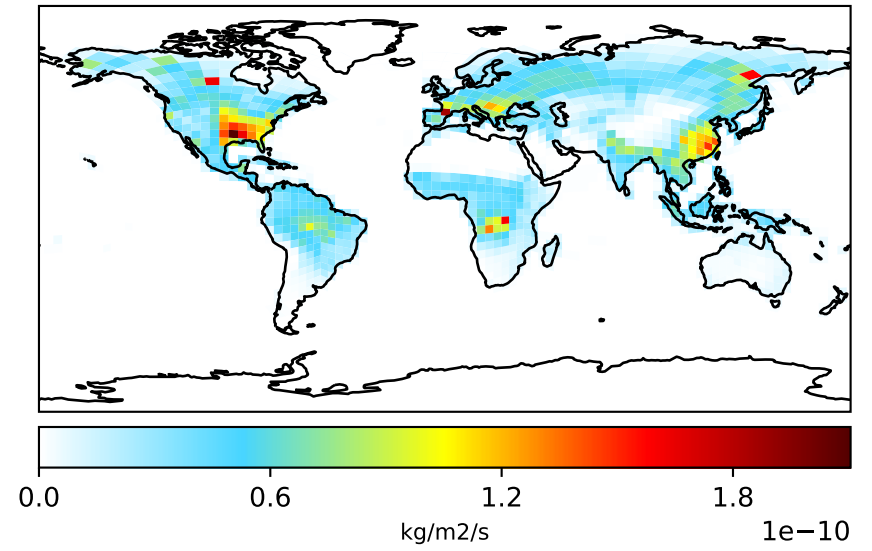
Undefined throughout domain  
unitless

# EmisMOH\_Total

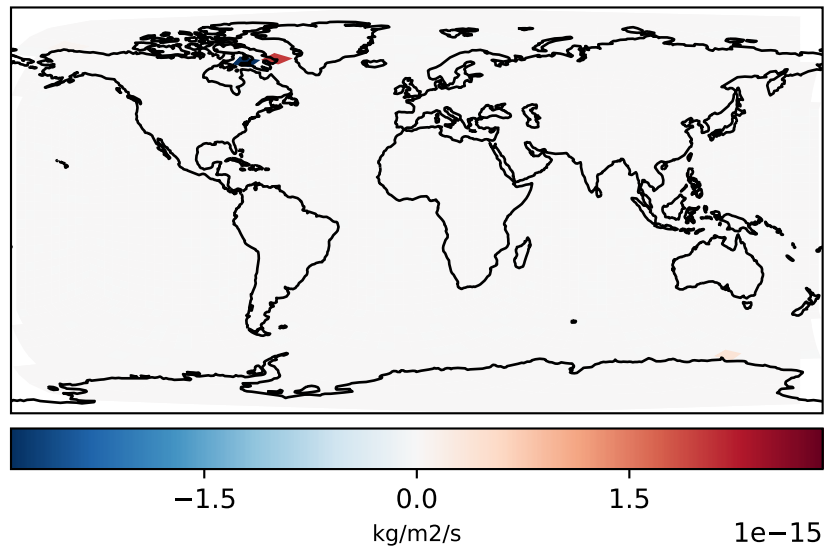
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



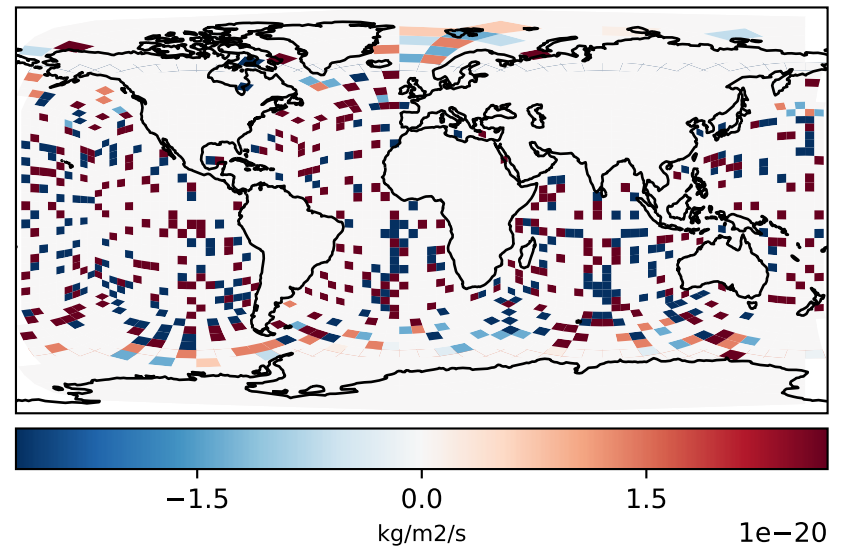
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



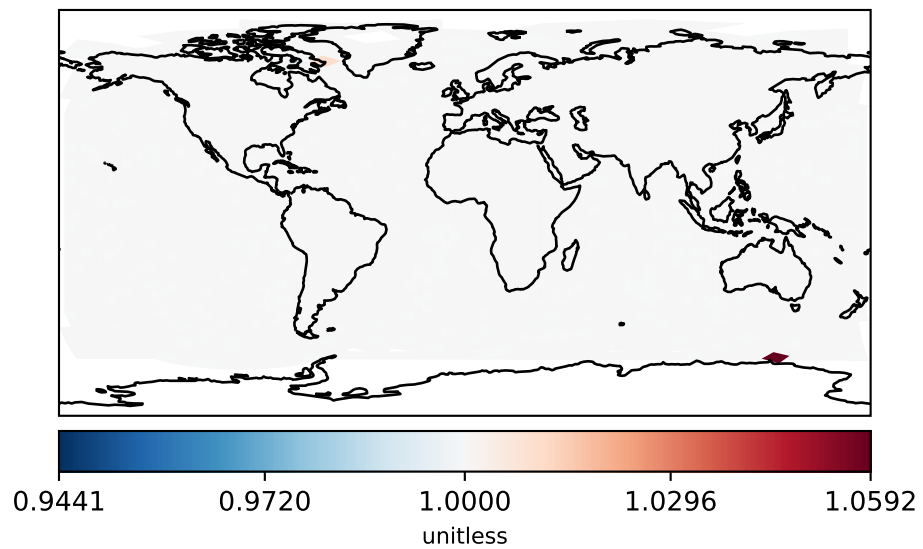
Difference  
Dev - Ref, Dynamic Range



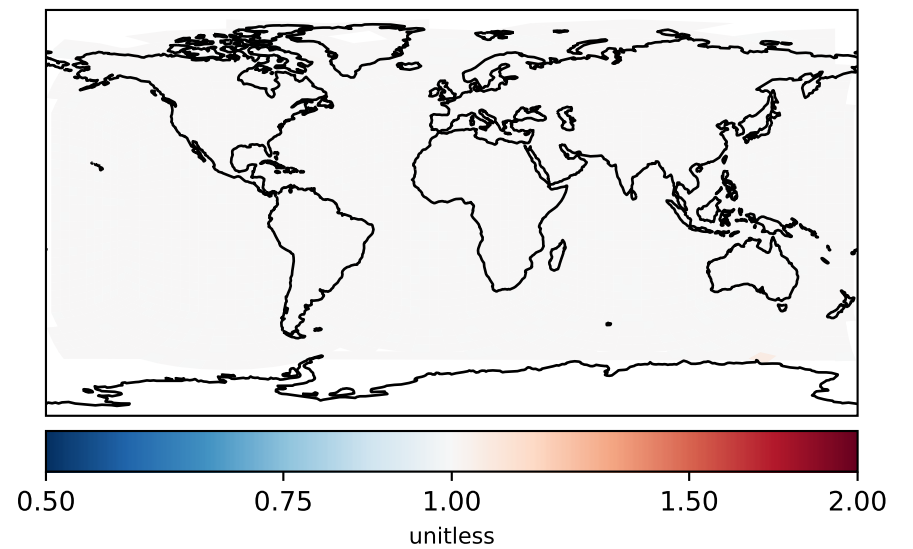
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

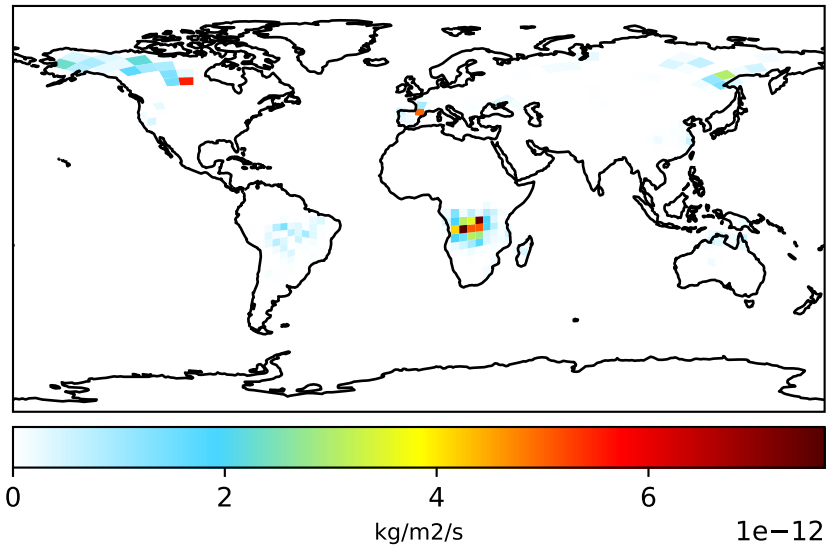


Ratio  
Dev/Ref, Fixed Range

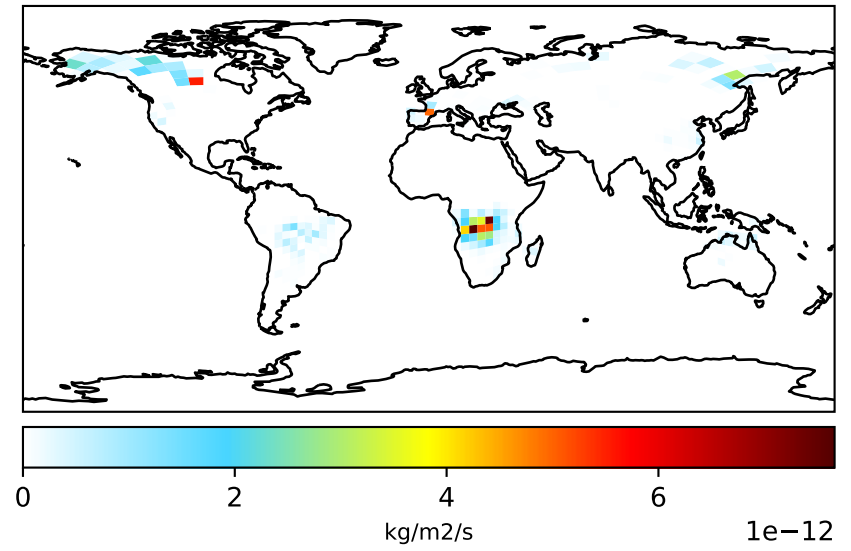


# EmisISOP\_BioBurn

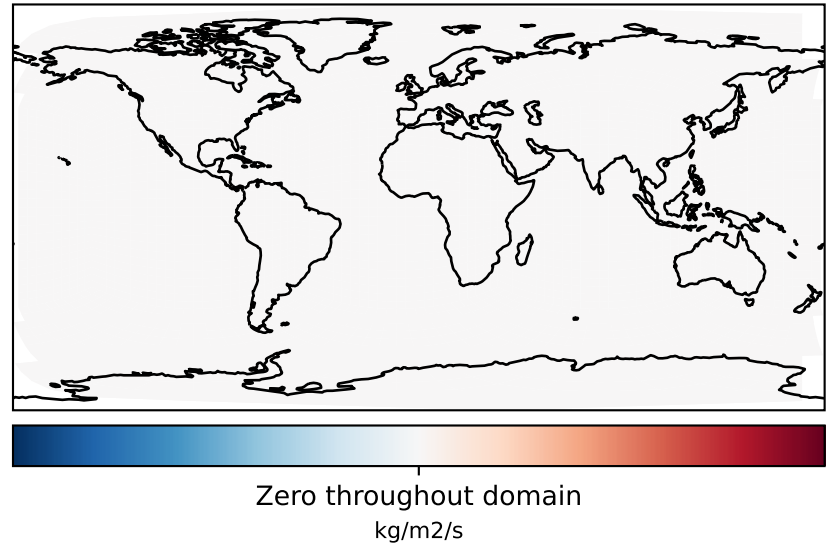
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



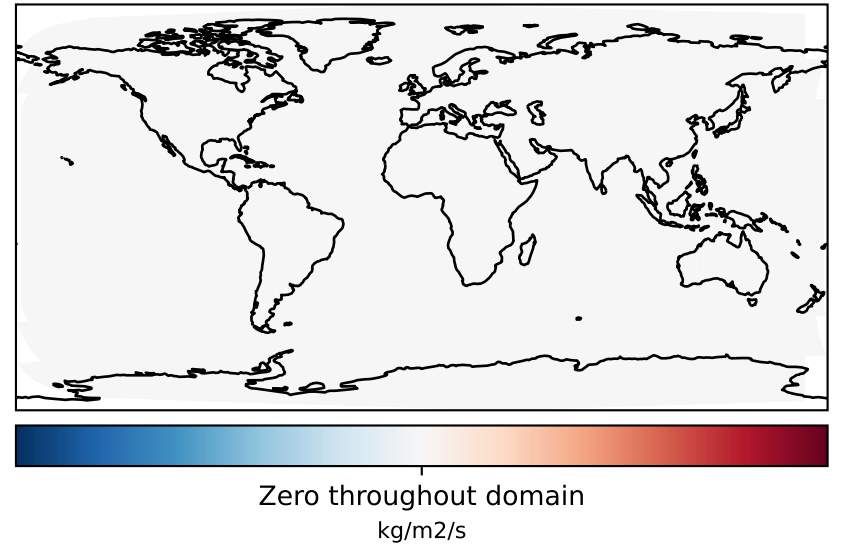
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



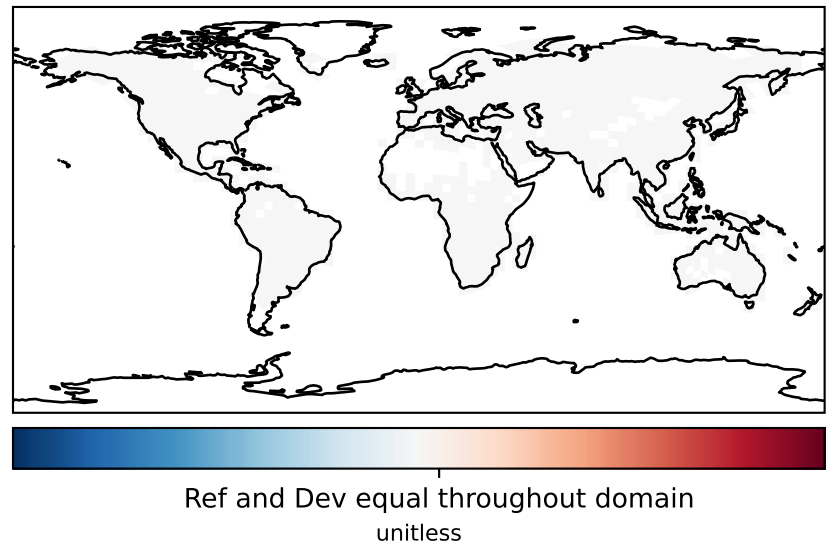
Difference  
Dev - Ref, Dynamic Range



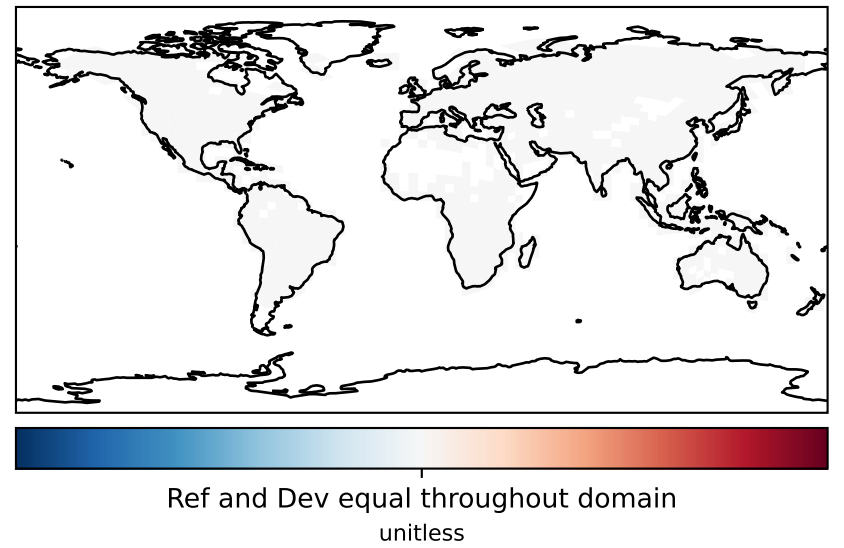
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

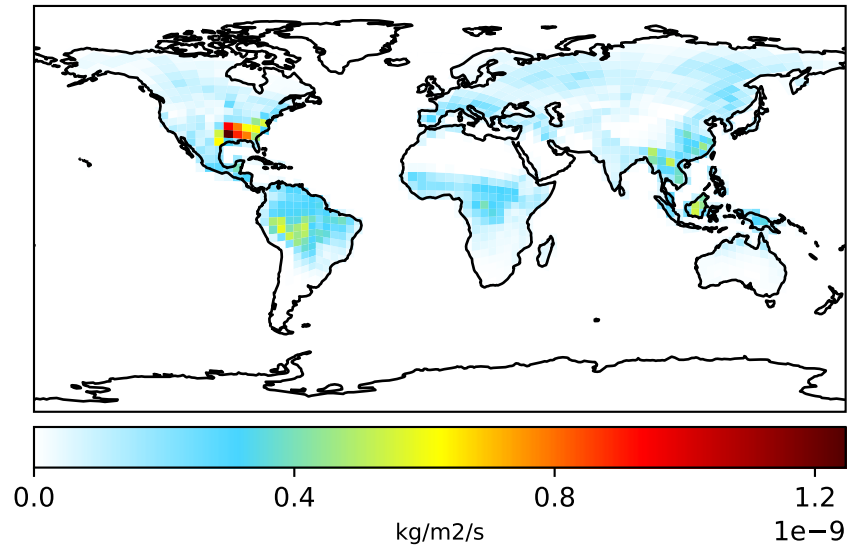


Ratio  
Dev/Ref, Fixed Range

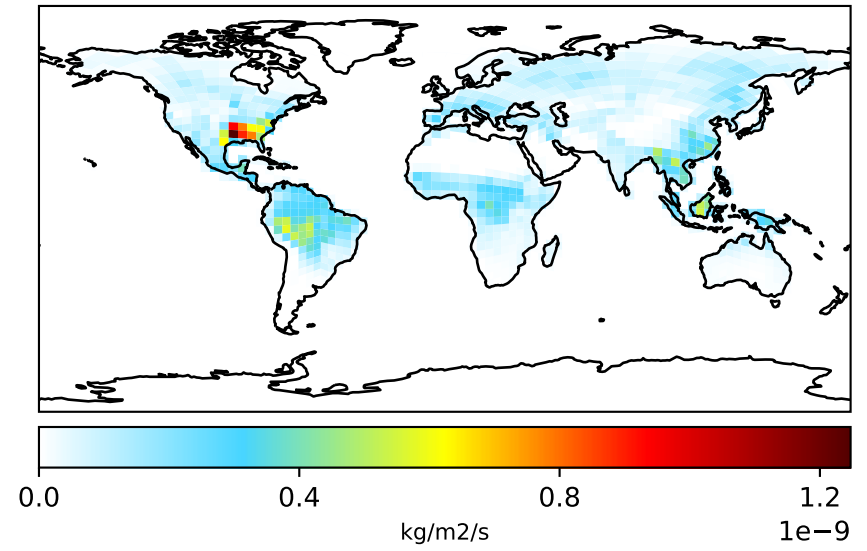


# EmisSOP\_Biogenic

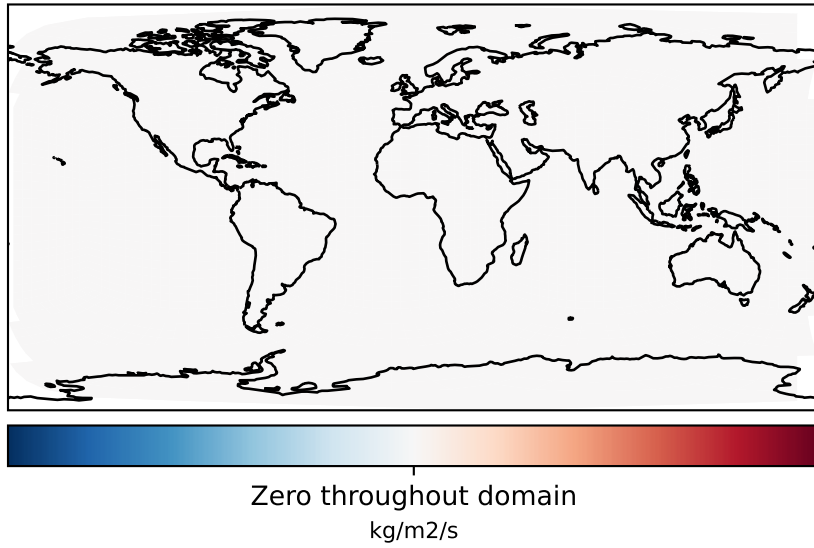
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



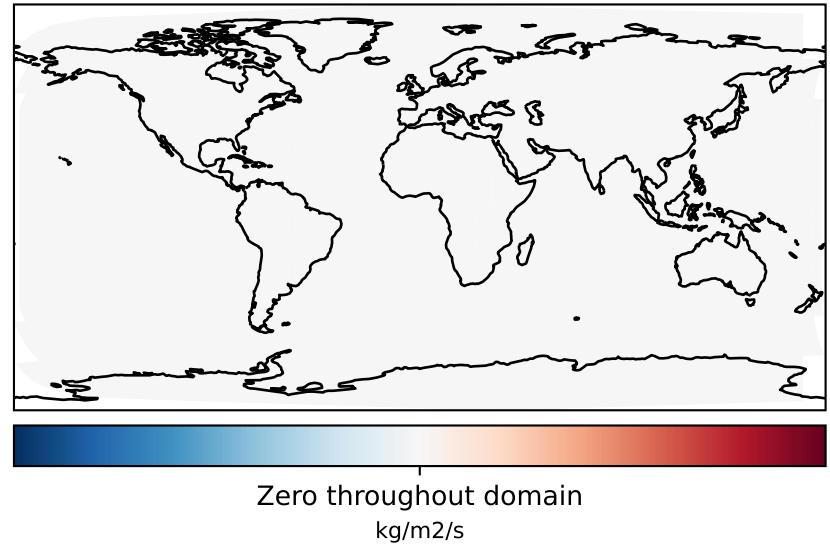
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



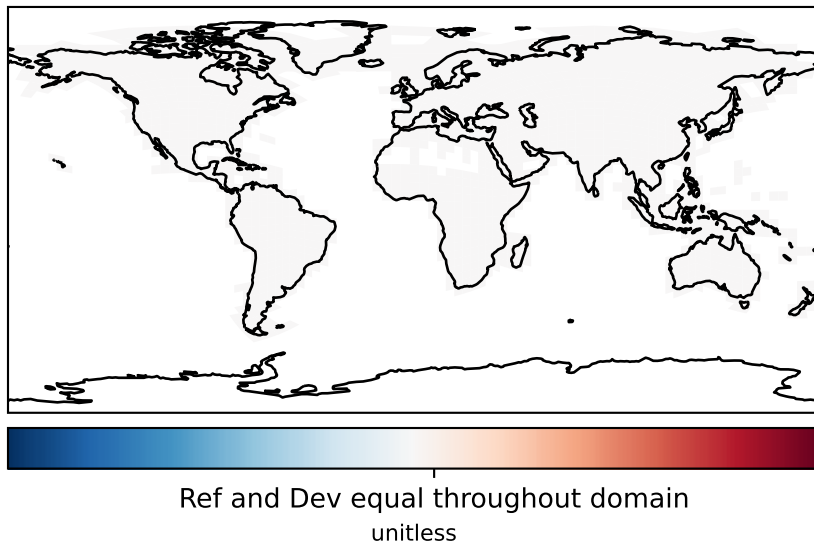
Difference  
Dev - Ref, Dynamic Range



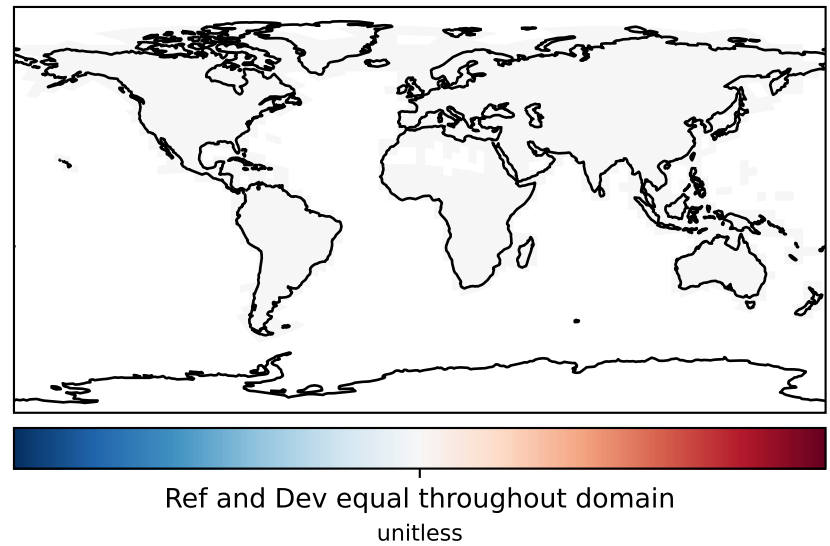
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

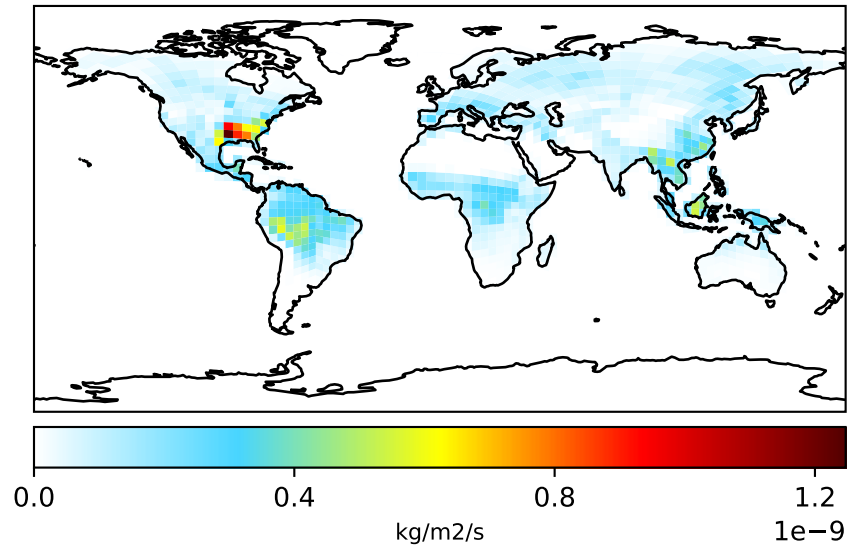


Ratio  
Dev/Ref, Fixed Range

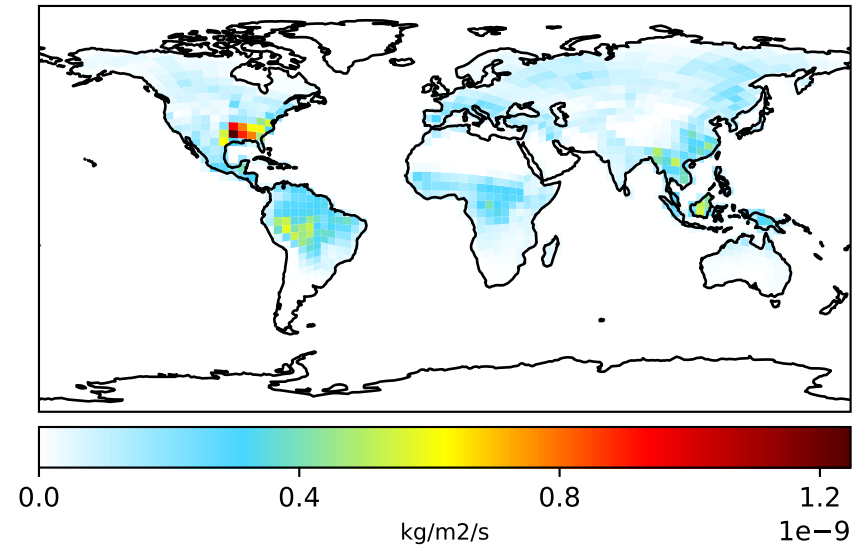


# EmisSOP\_Total

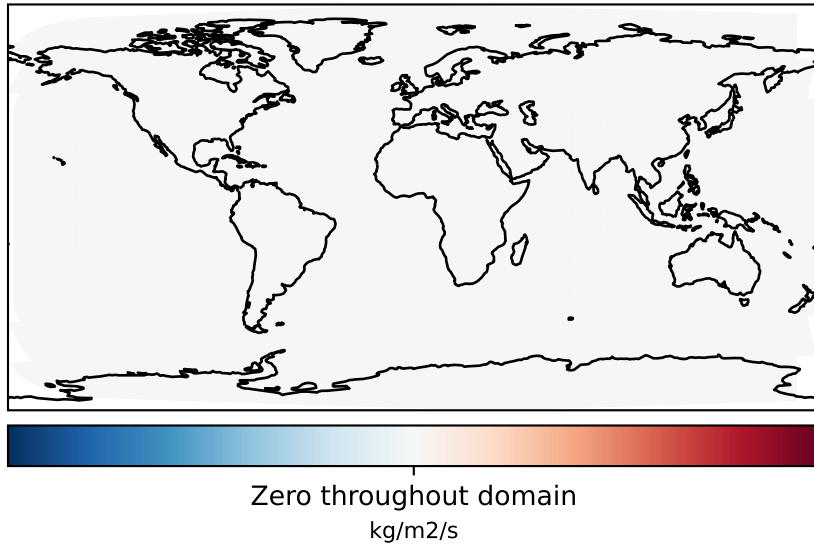
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



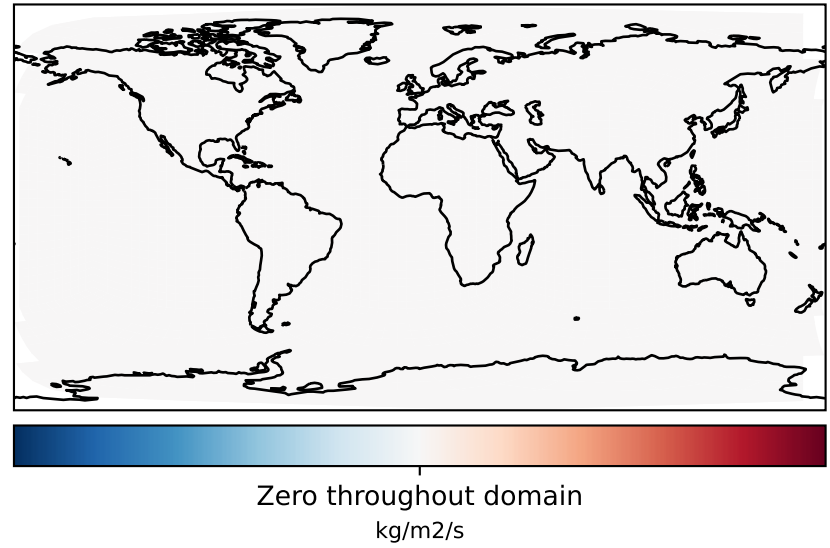
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



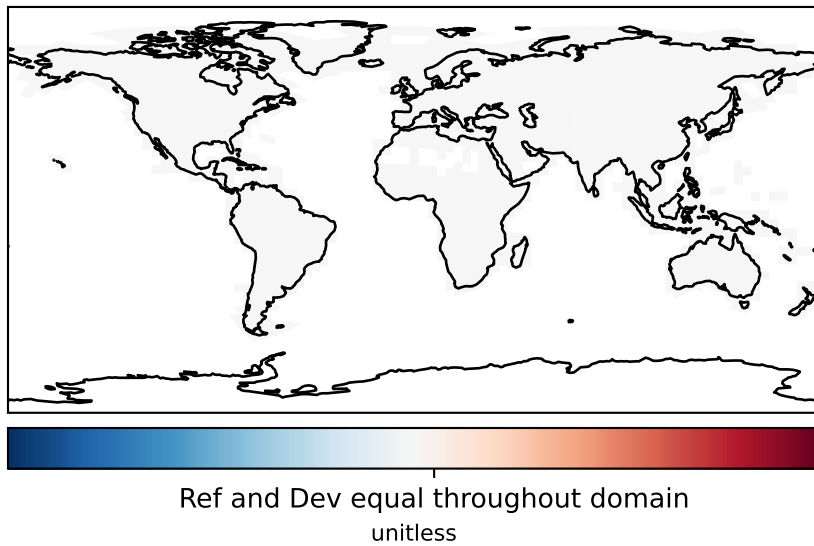
Difference  
Dev - Ref, Dynamic Range



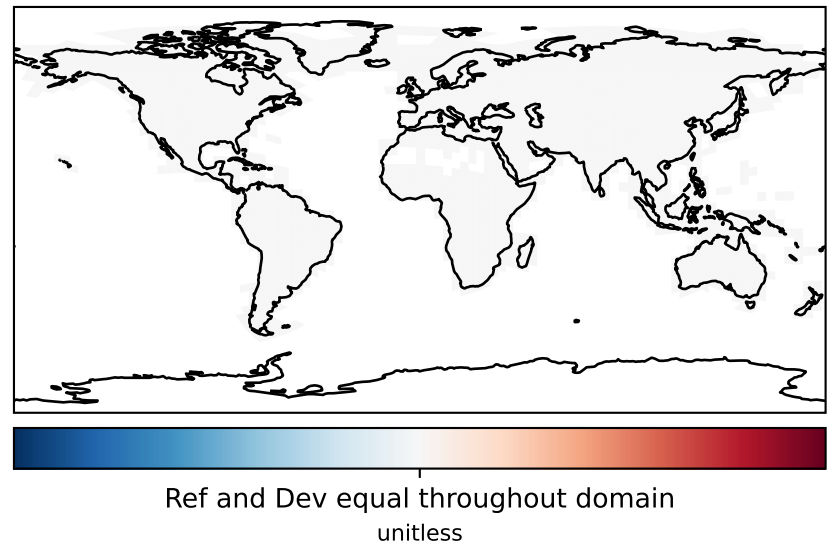
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

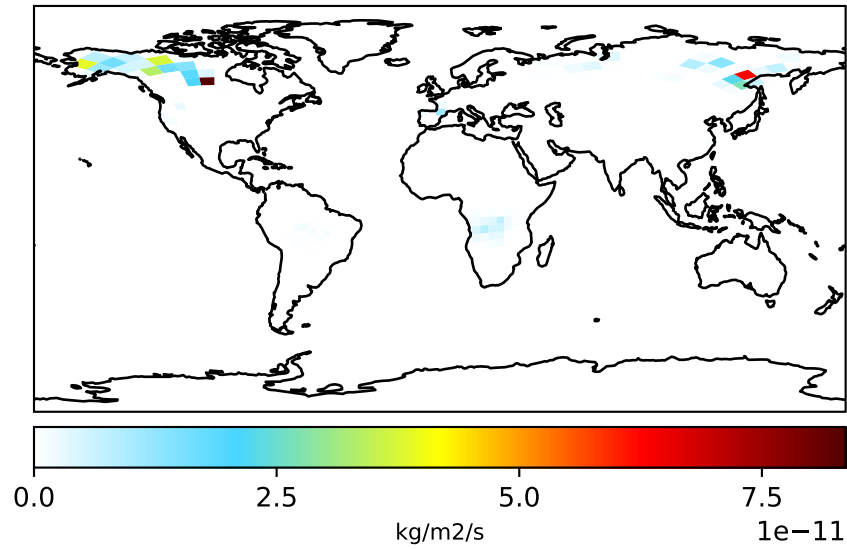


Ratio  
Dev/Ref, Fixed Range

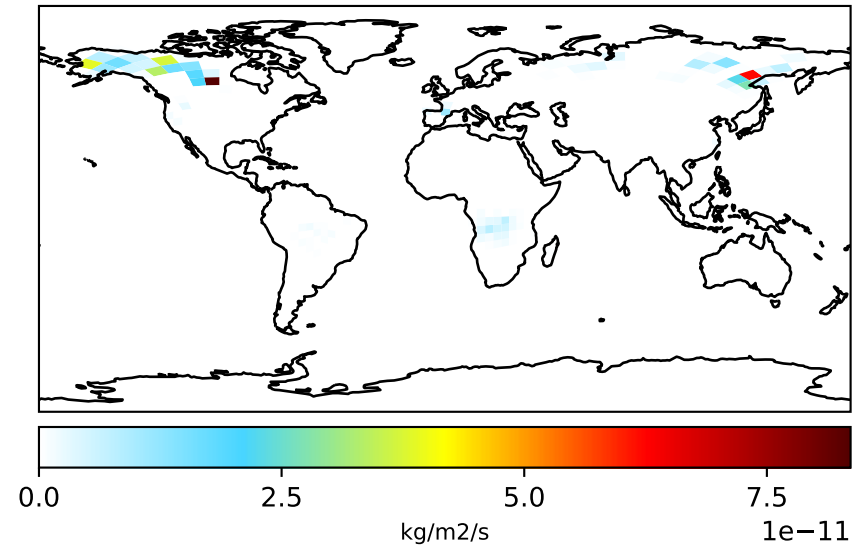


# EmisMTPA\_BioBurn

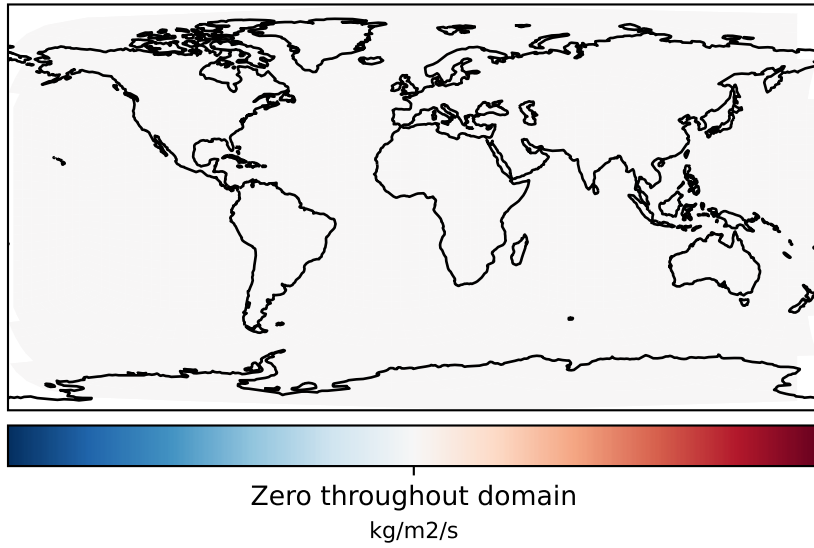
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



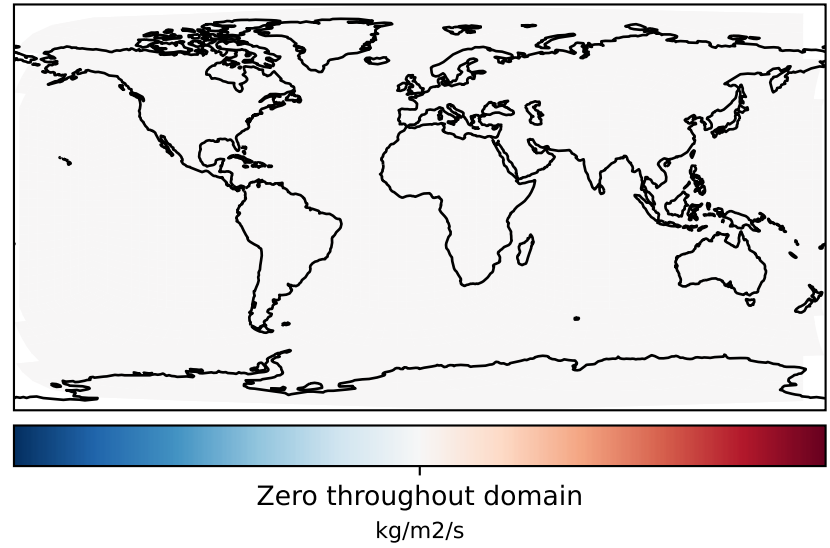
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



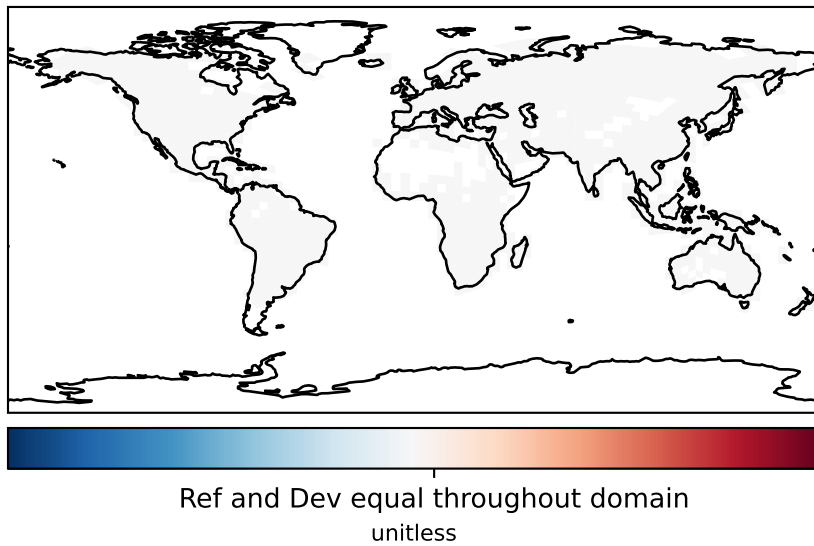
Difference  
Dev - Ref, Dynamic Range



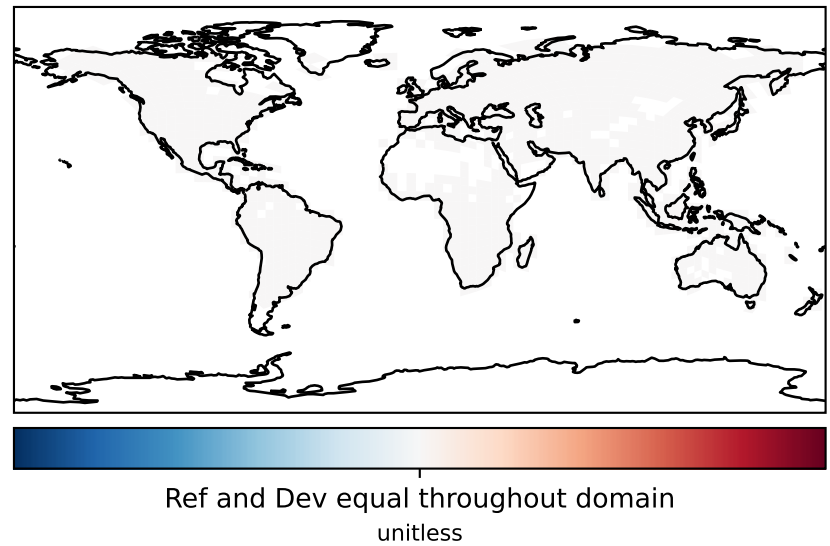
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



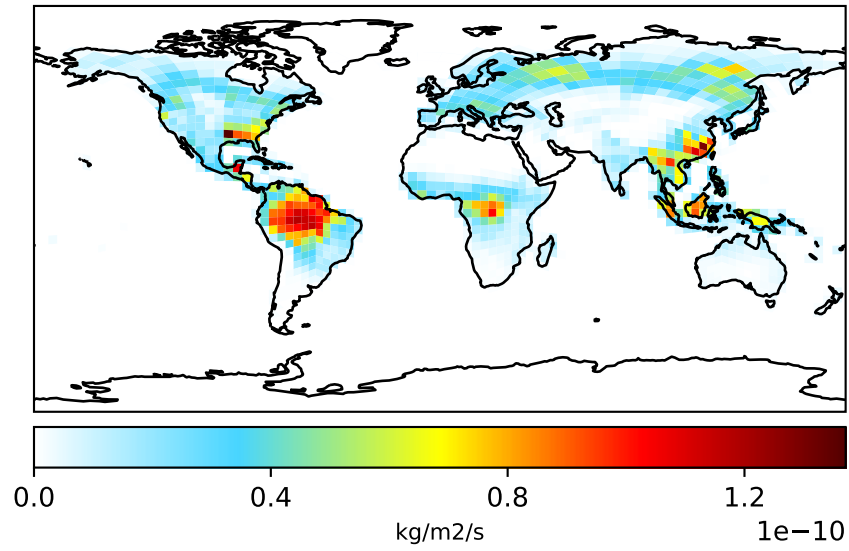
Ratio  
Dev/Ref, Fixed Range



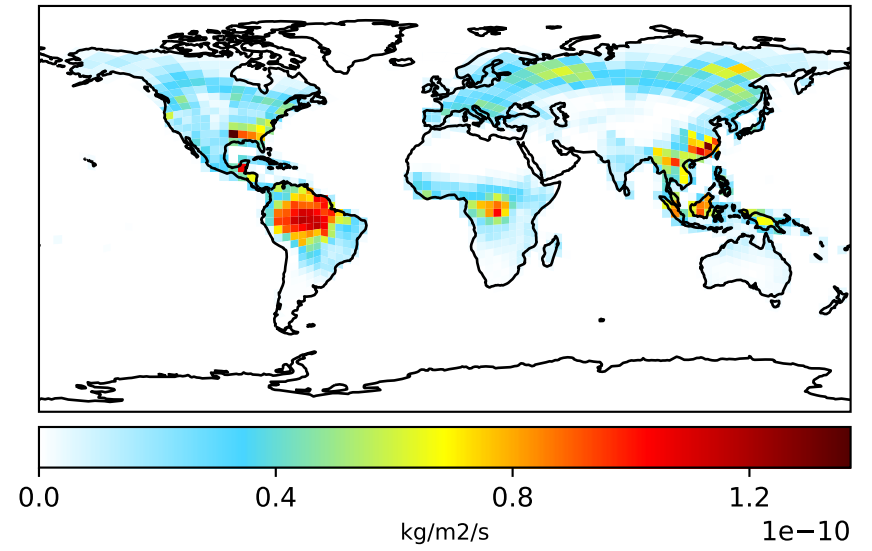


# EmisMTPA\_Biogenic

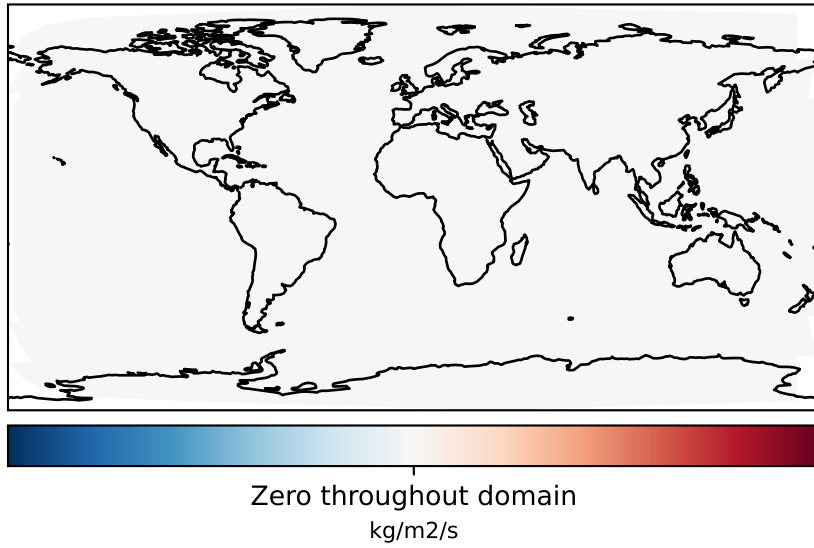
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



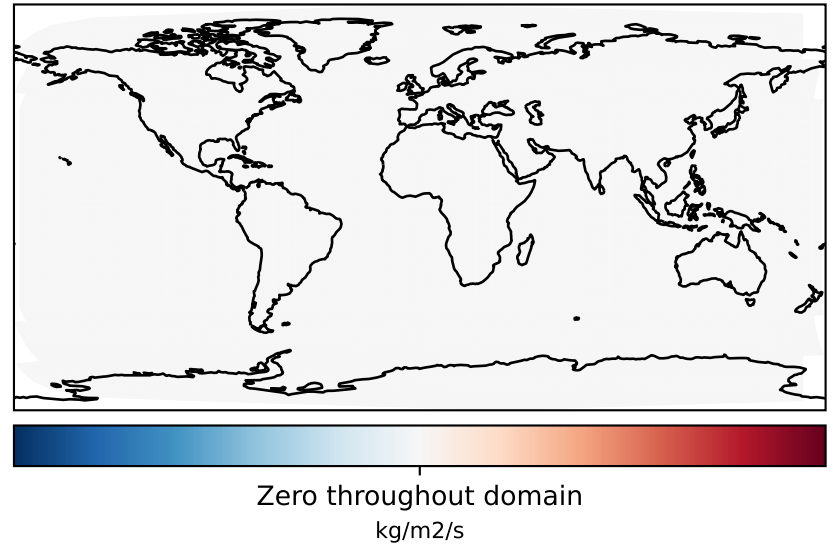
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



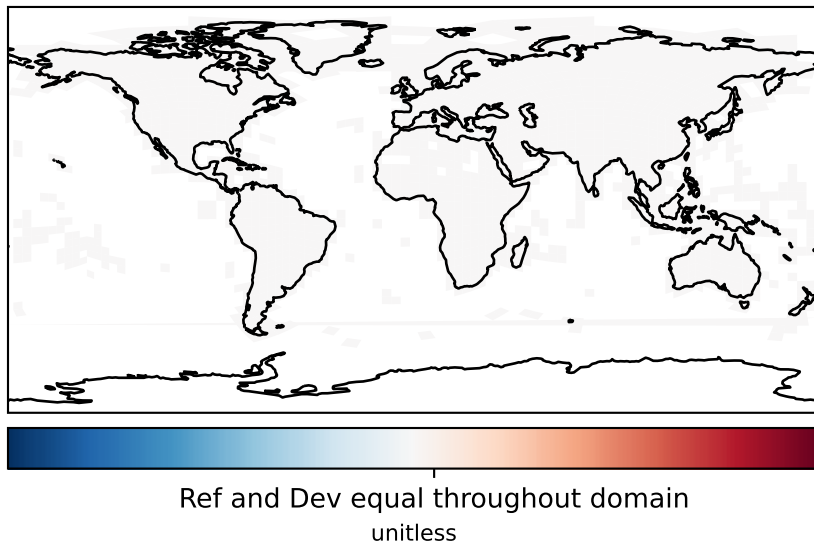
Difference  
Dev - Ref, Dynamic Range



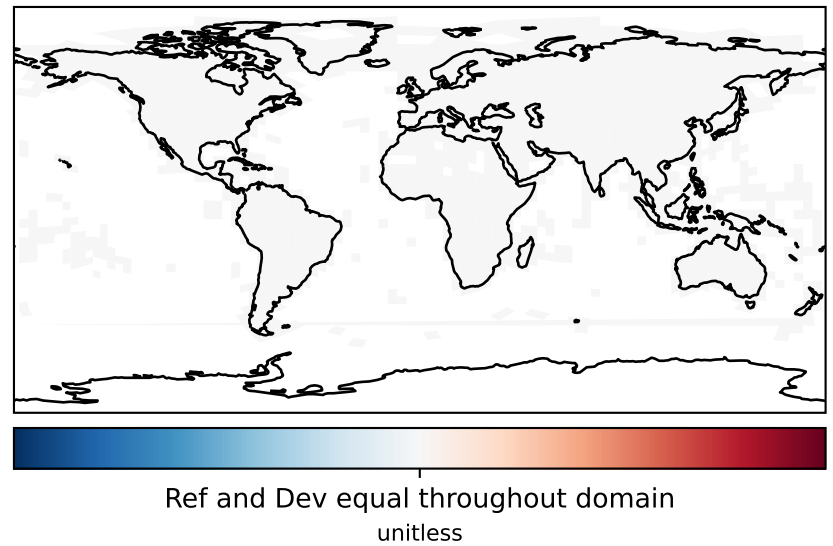
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

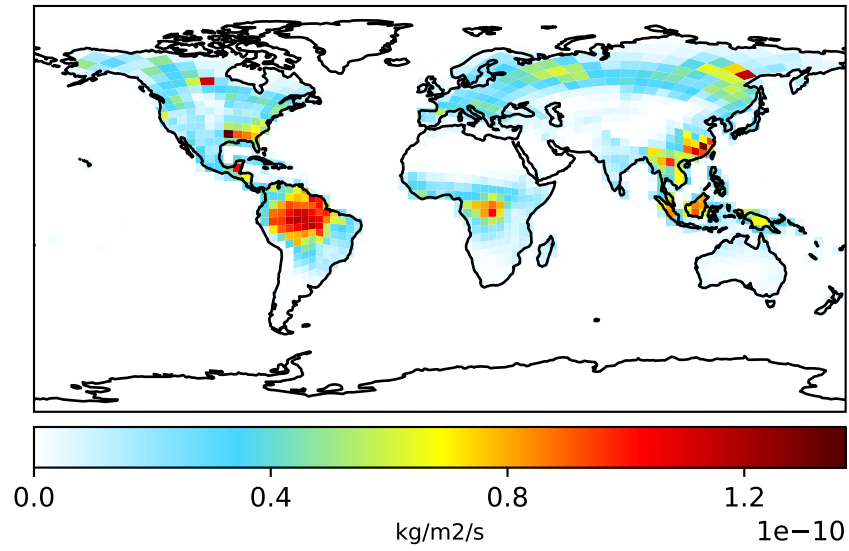


Ratio  
Dev/Ref, Fixed Range

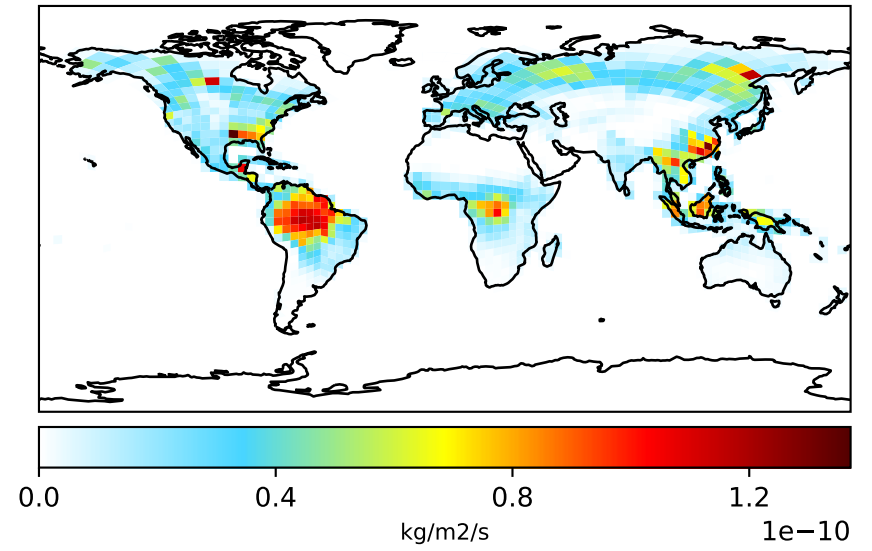


# EmisMTPA\_Total

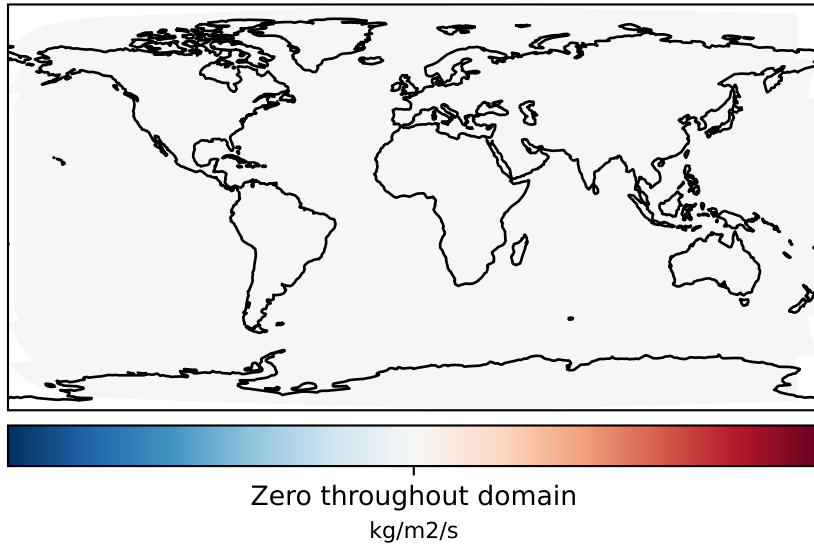
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



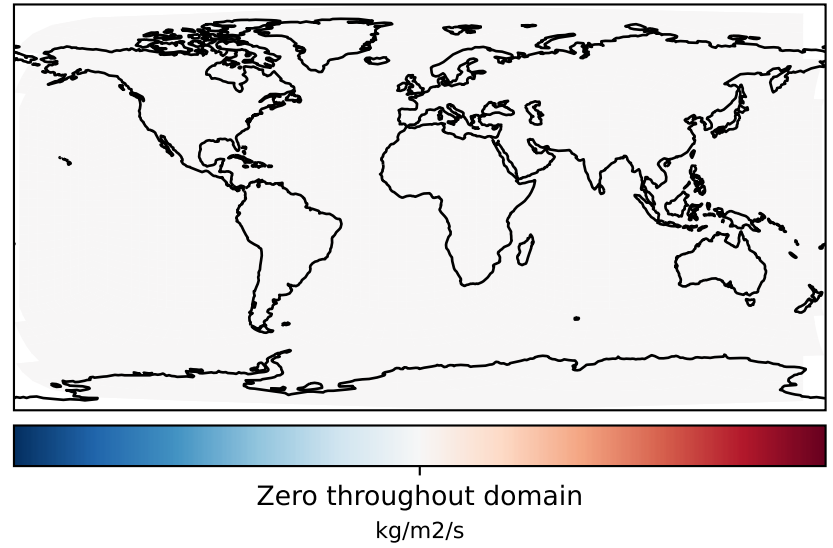
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



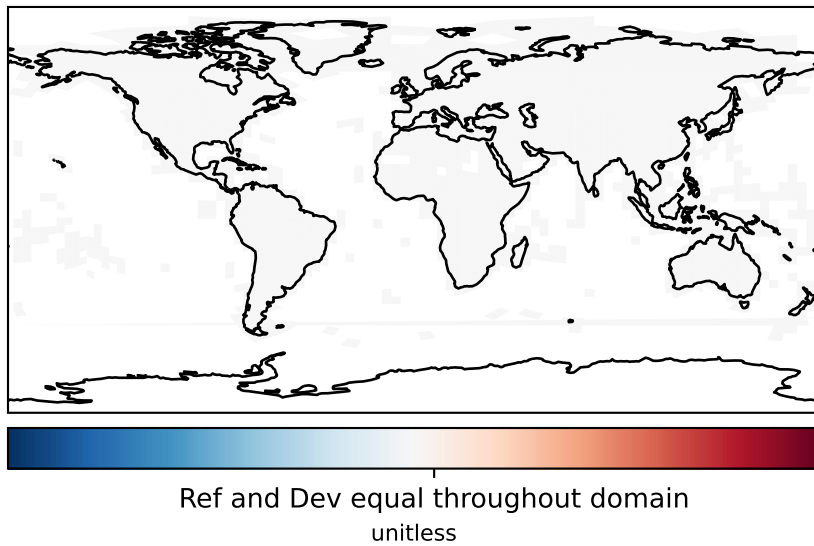
Difference  
Dev - Ref, Dynamic Range



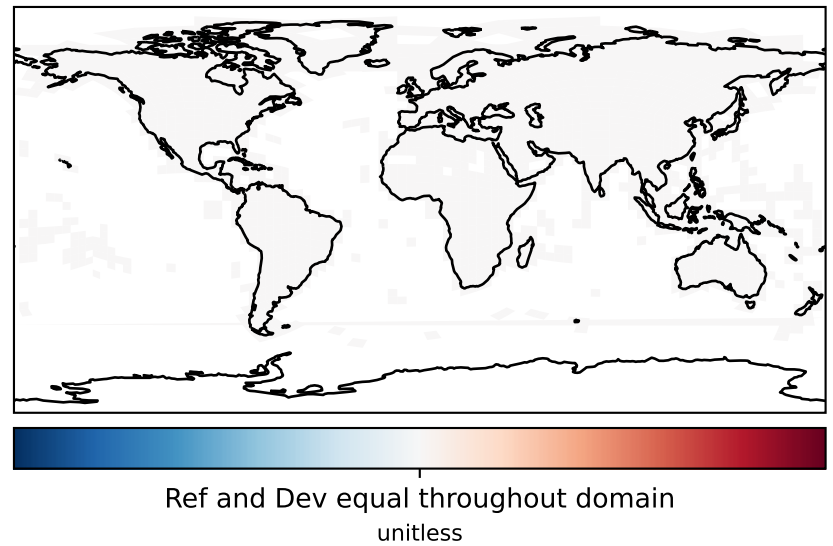
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

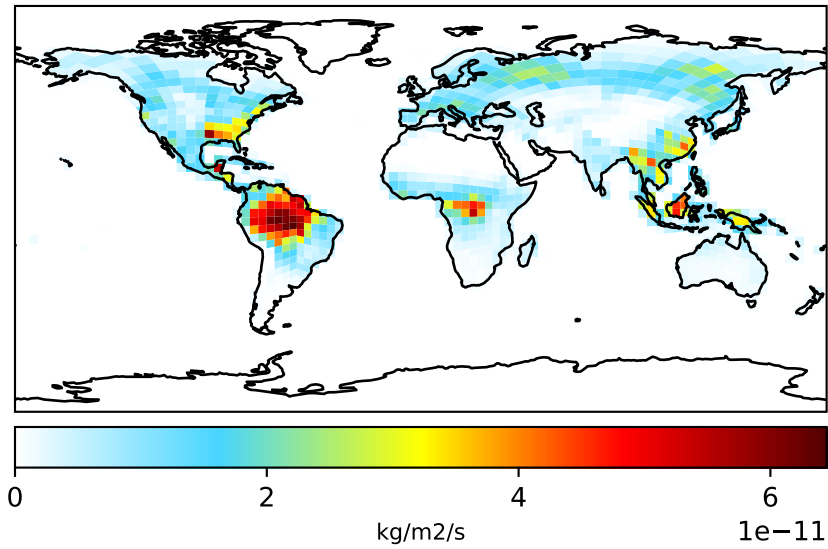


Ratio  
Dev/Ref, Fixed Range

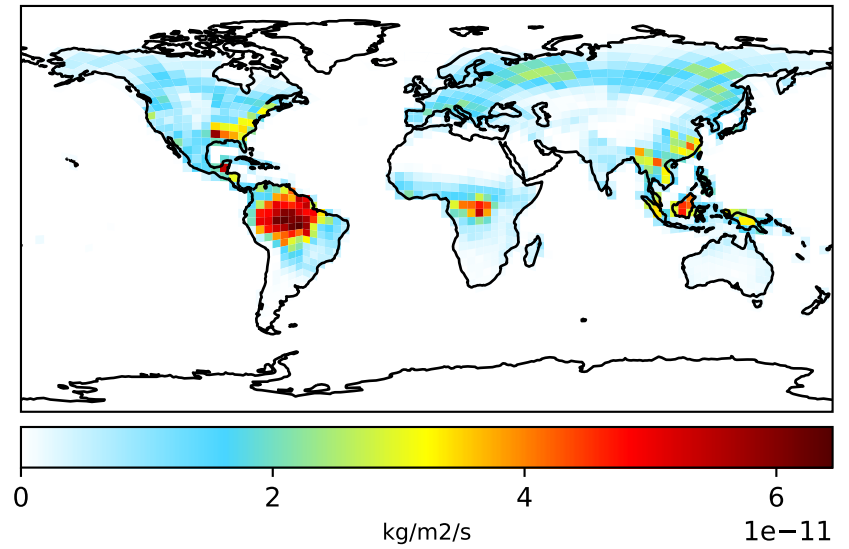


# EmisMTPO\_Biogenic

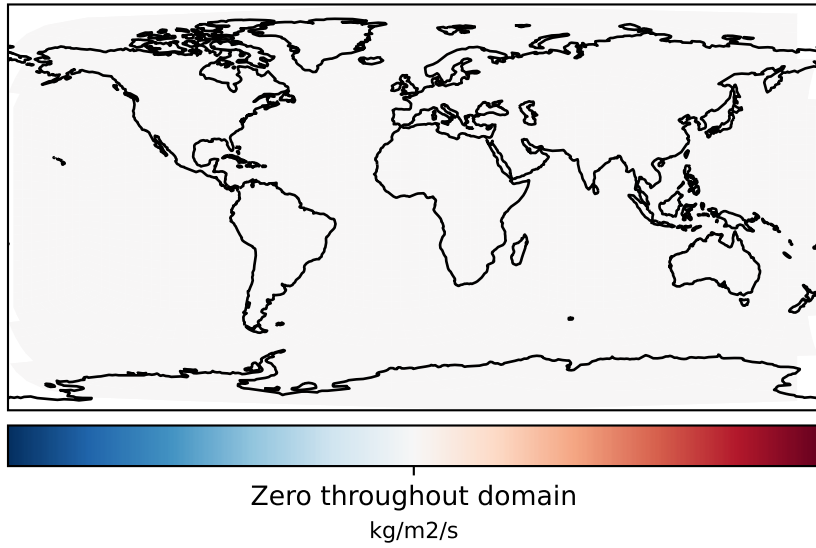
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



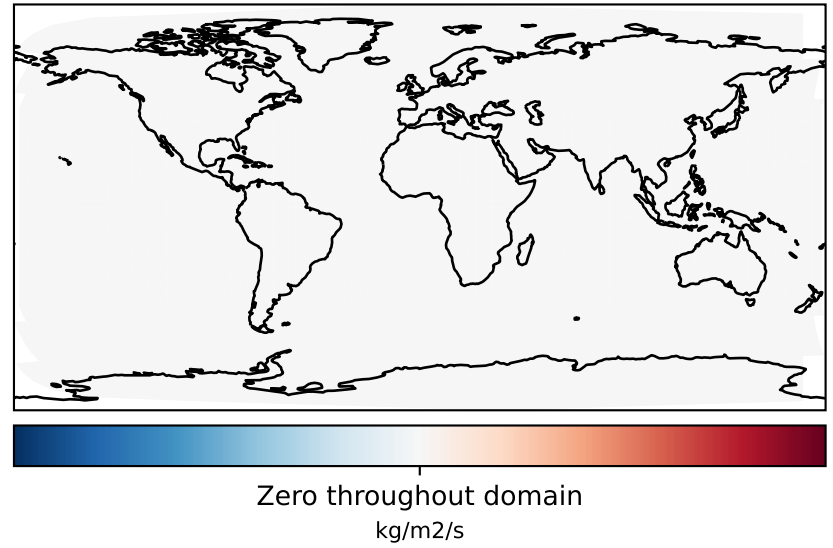
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



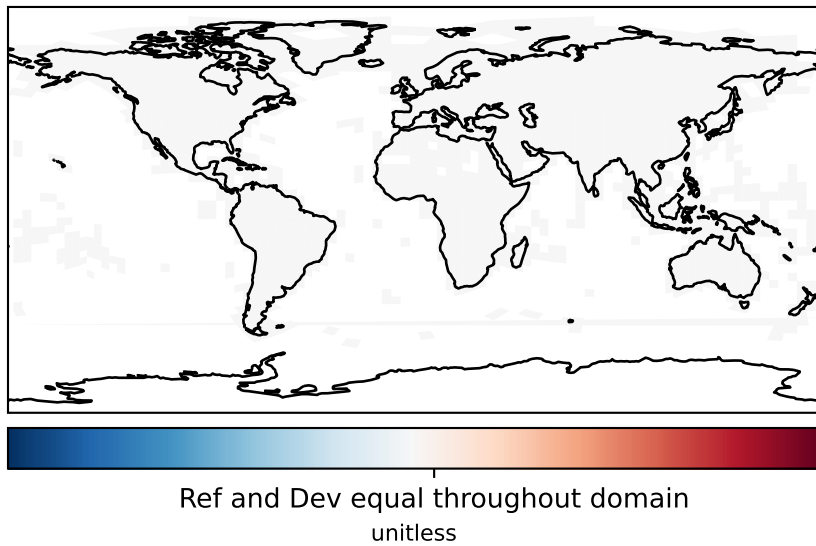
Difference  
Dev - Ref, Dynamic Range



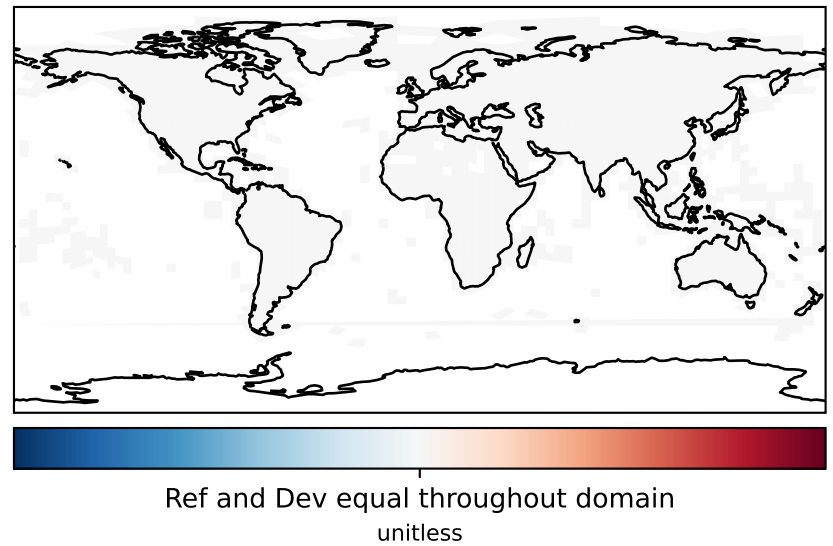
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

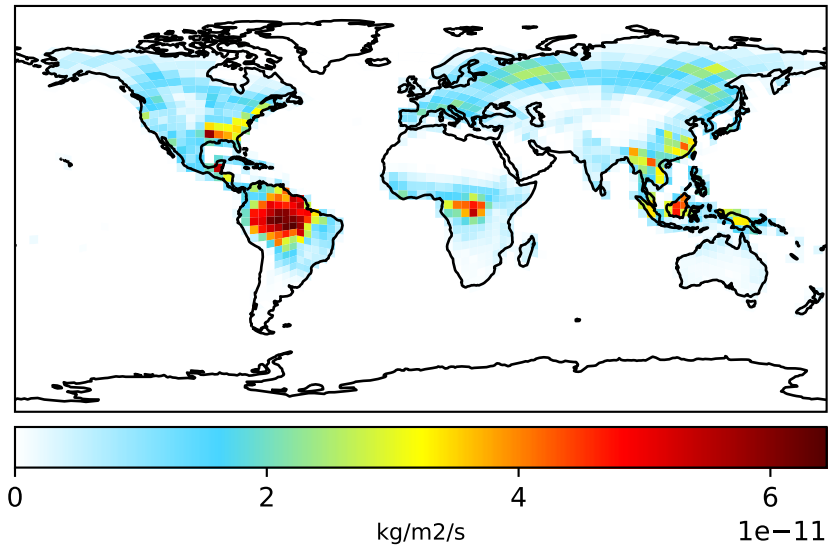


Ratio  
Dev/Ref, Fixed Range

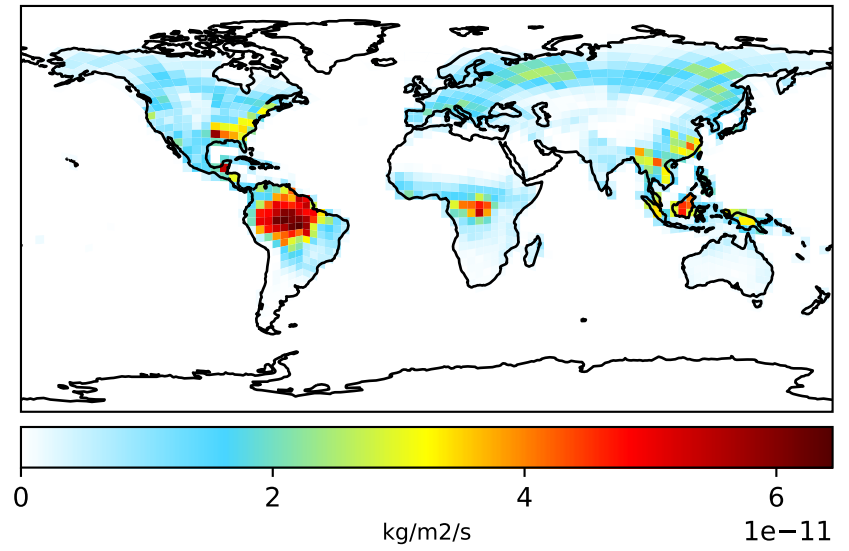


# EmisMTPO\_Total

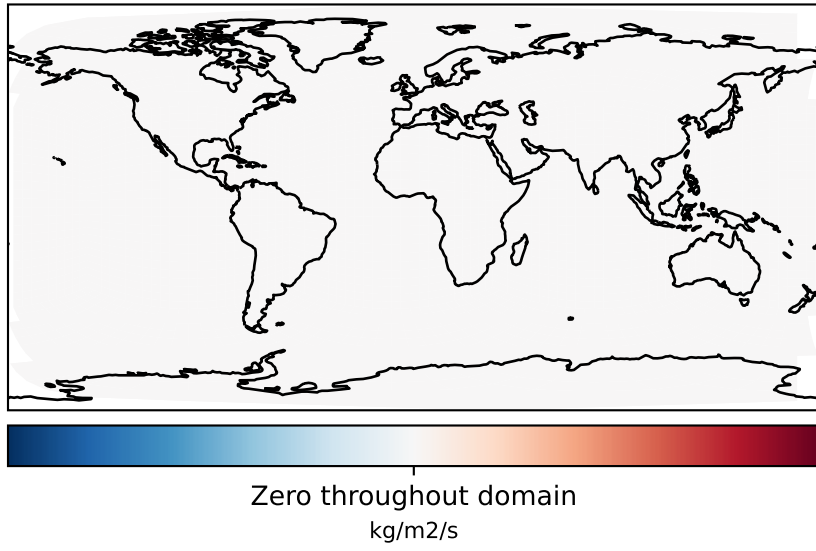
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



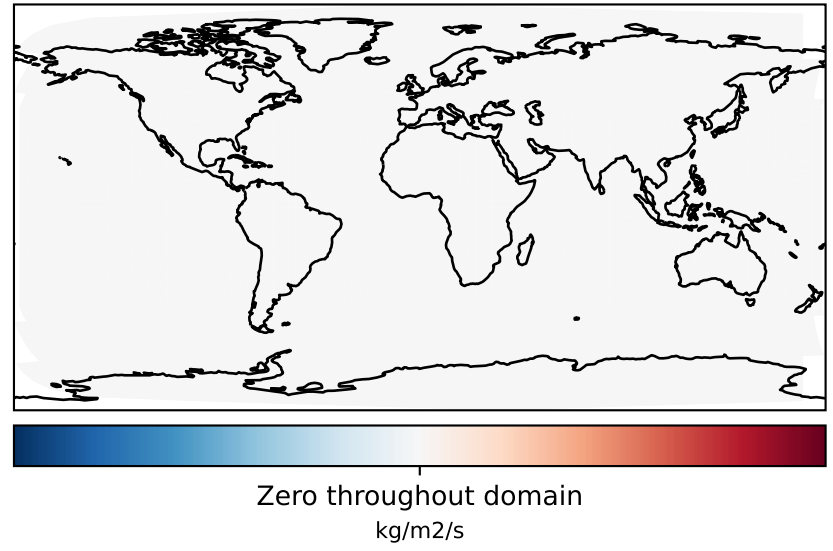
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



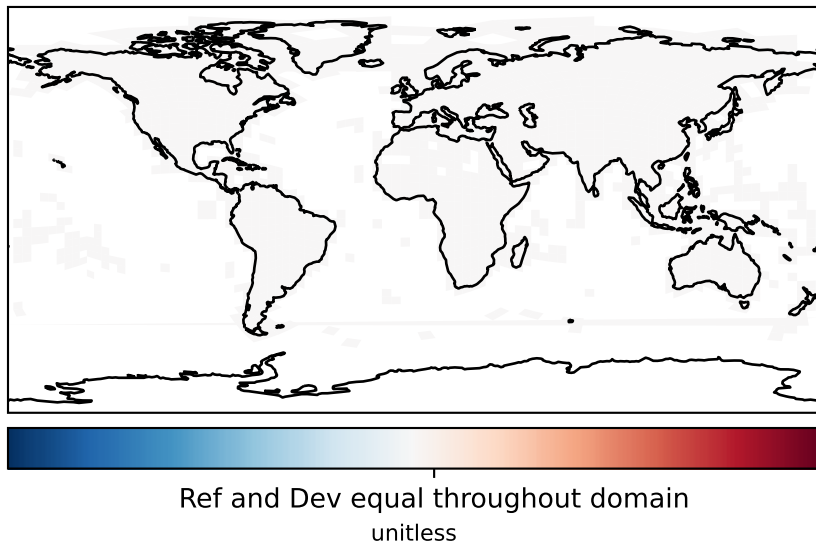
Difference  
Dev - Ref, Dynamic Range



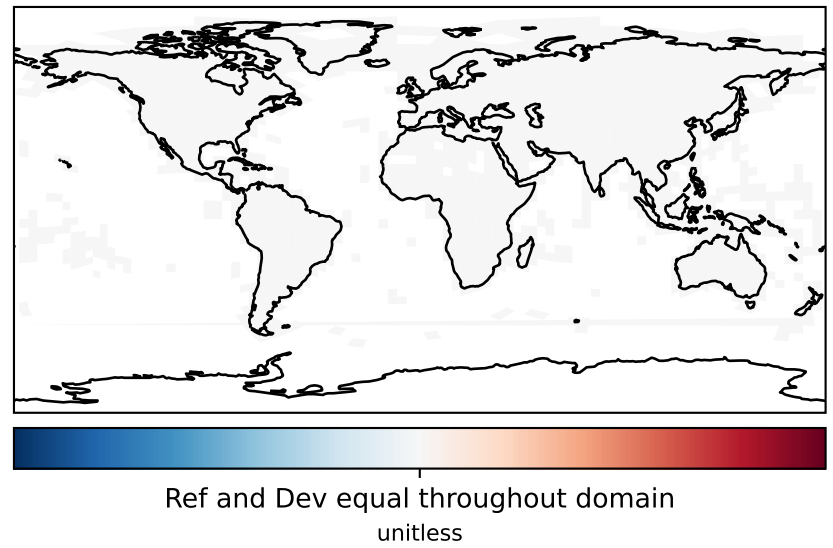
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

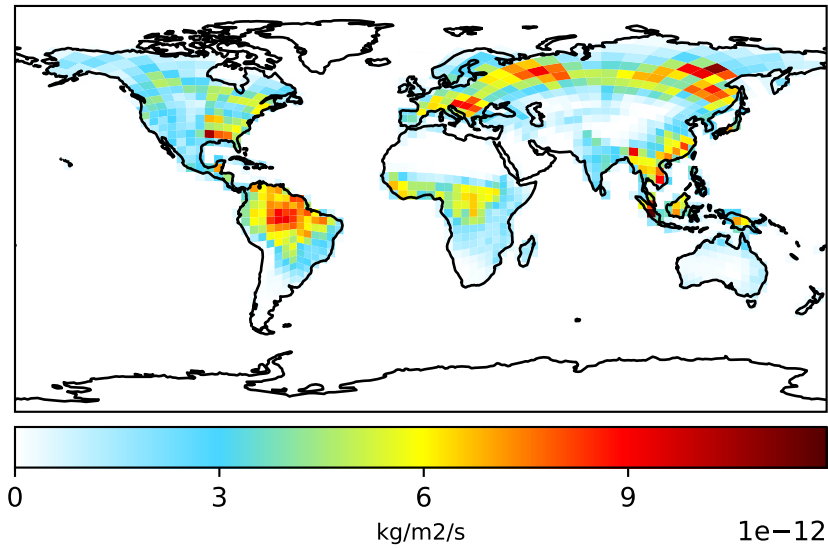


Ratio  
Dev/Ref, Fixed Range

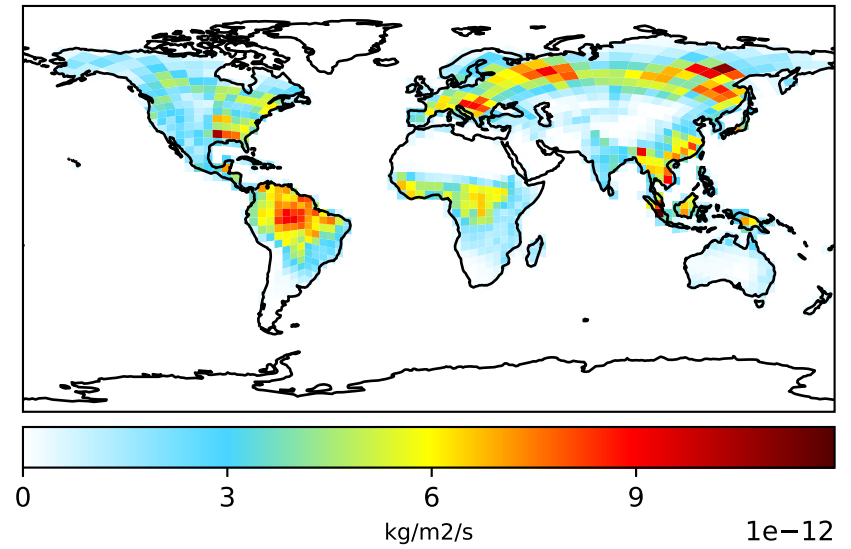


# EmisLIMO\_Biogenic

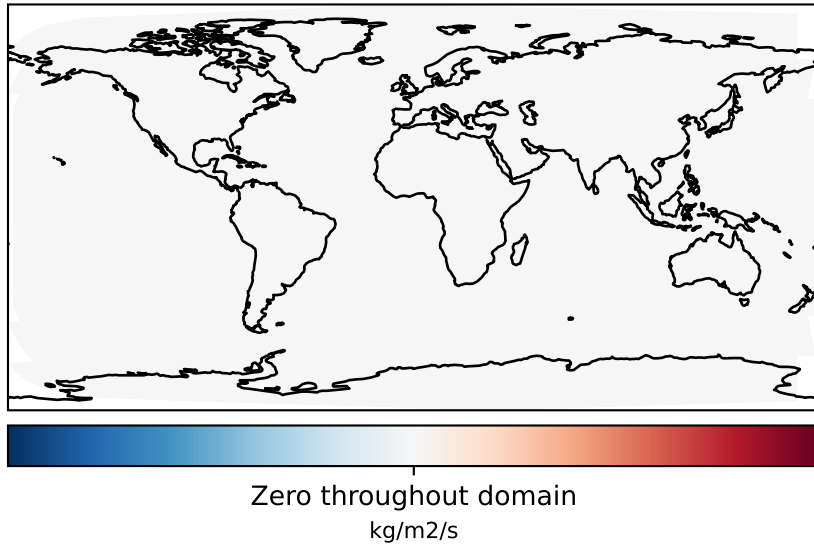
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



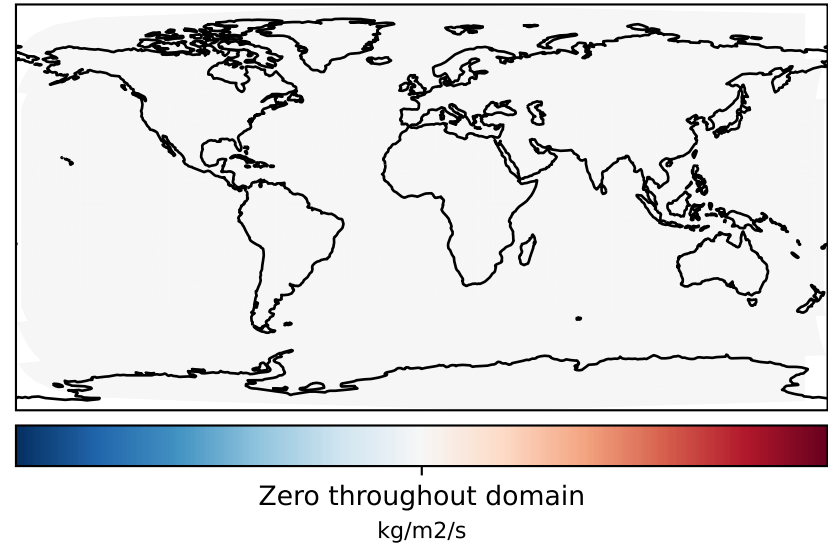
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



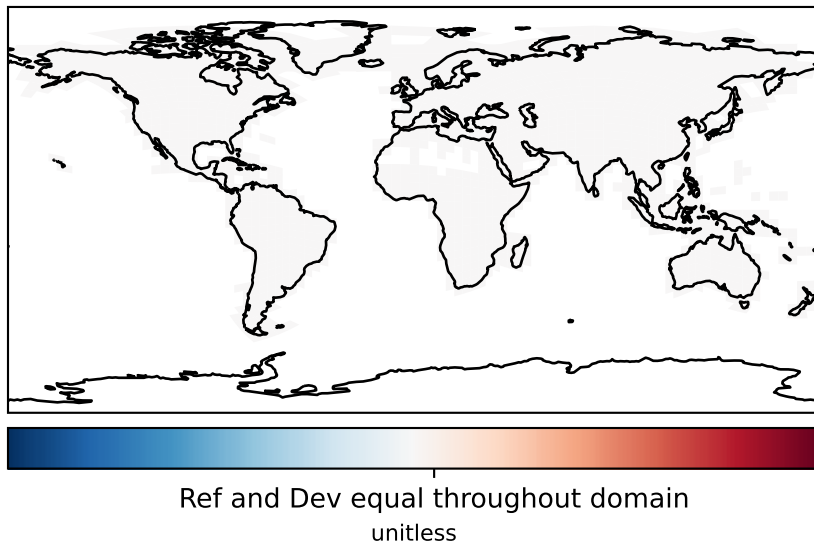
Difference  
Dev - Ref, Dynamic Range



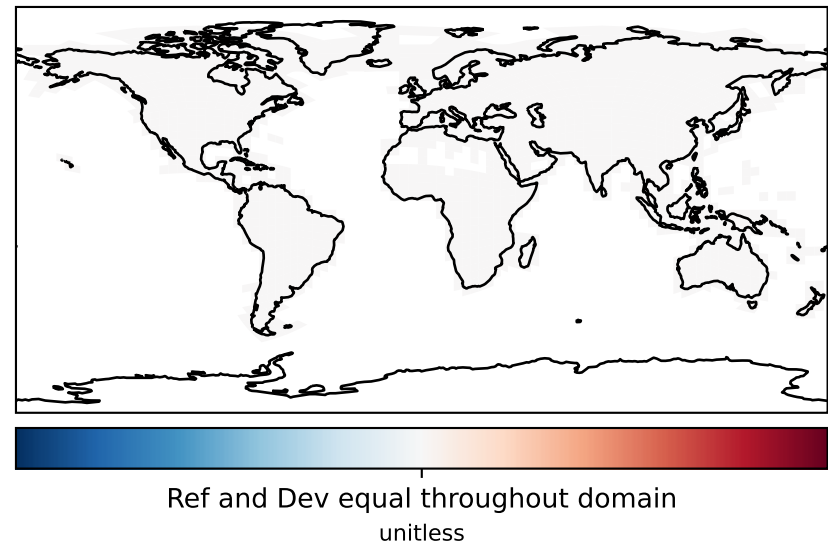
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

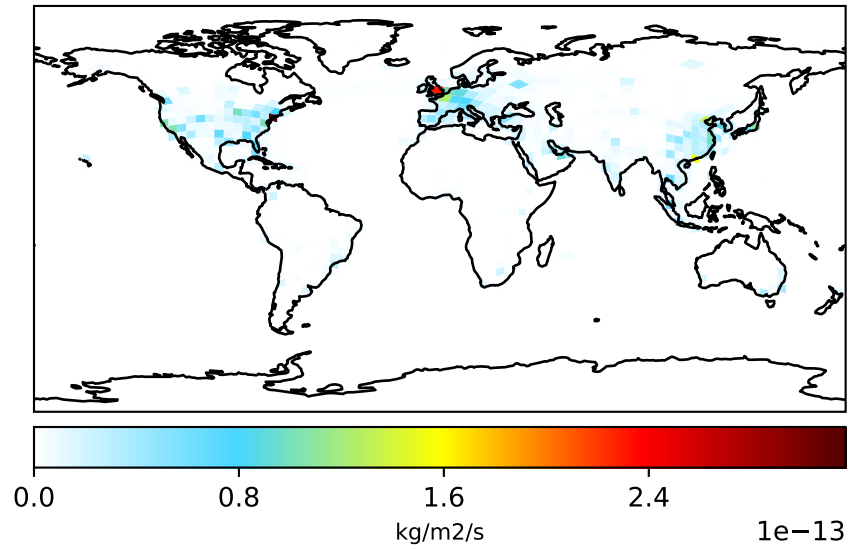


Ratio  
Dev/Ref, Fixed Range

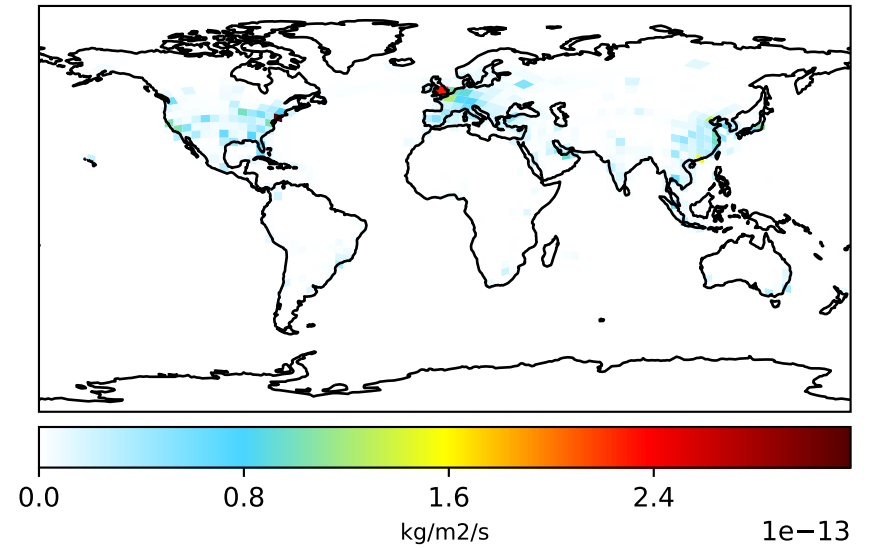


# EmisALK4\_Aircraft

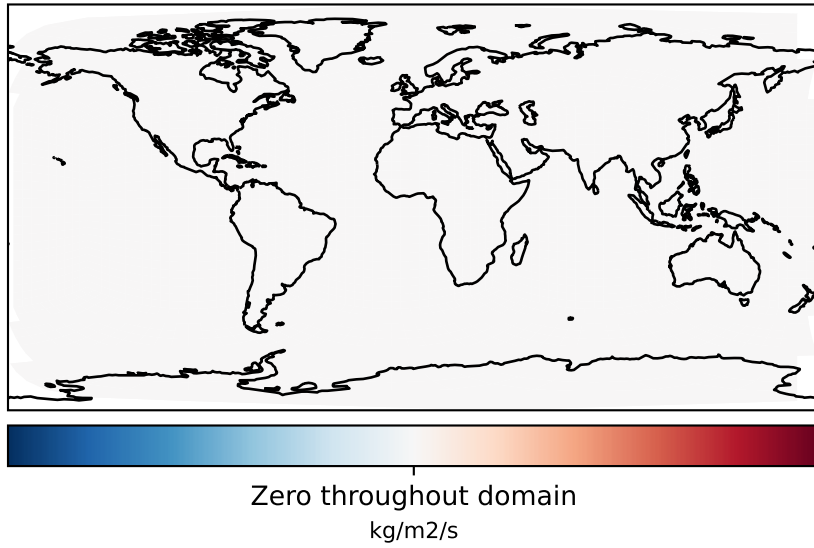
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



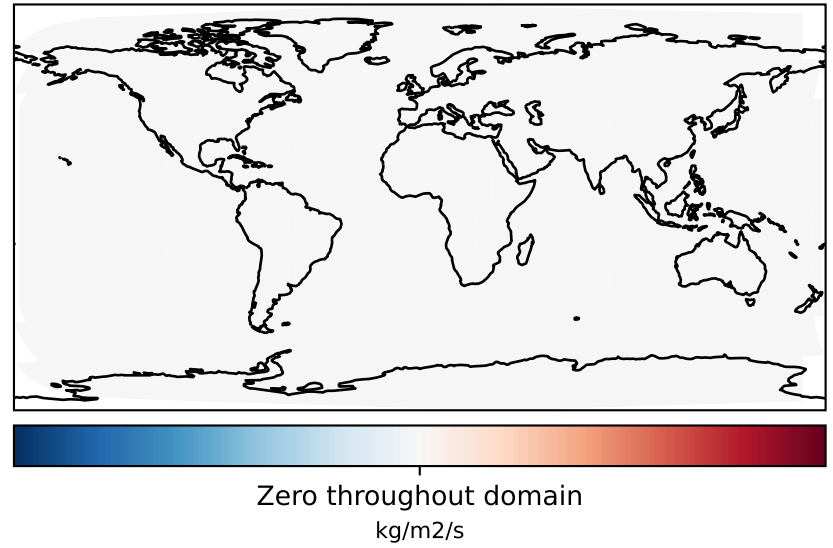
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



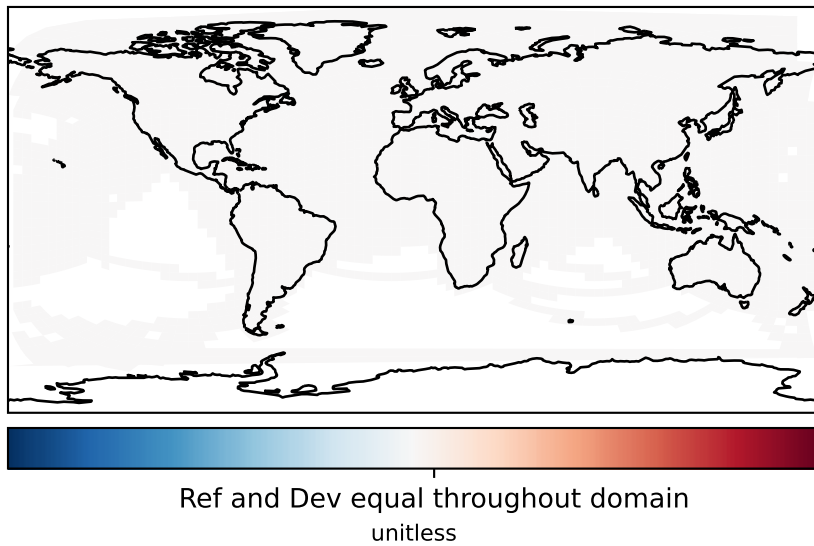
Difference  
Dev - Ref, Dynamic Range



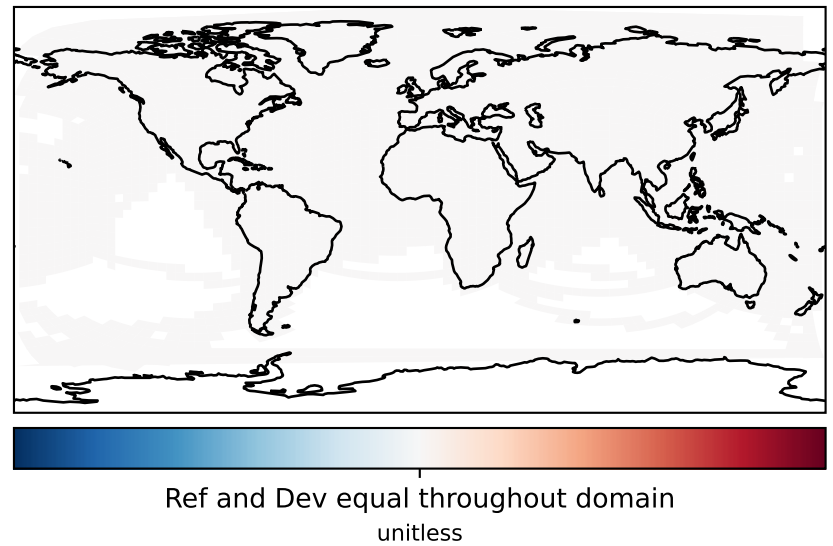
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

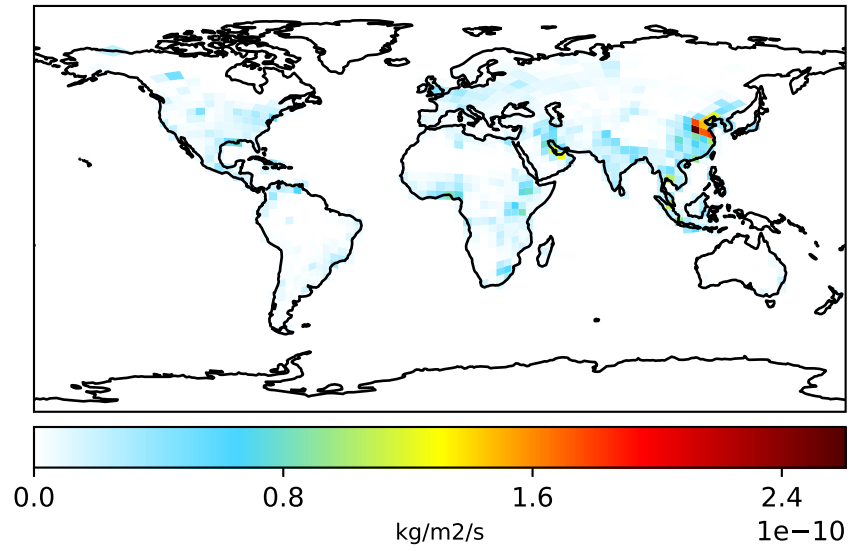


Ratio  
Dev/Ref, Fixed Range

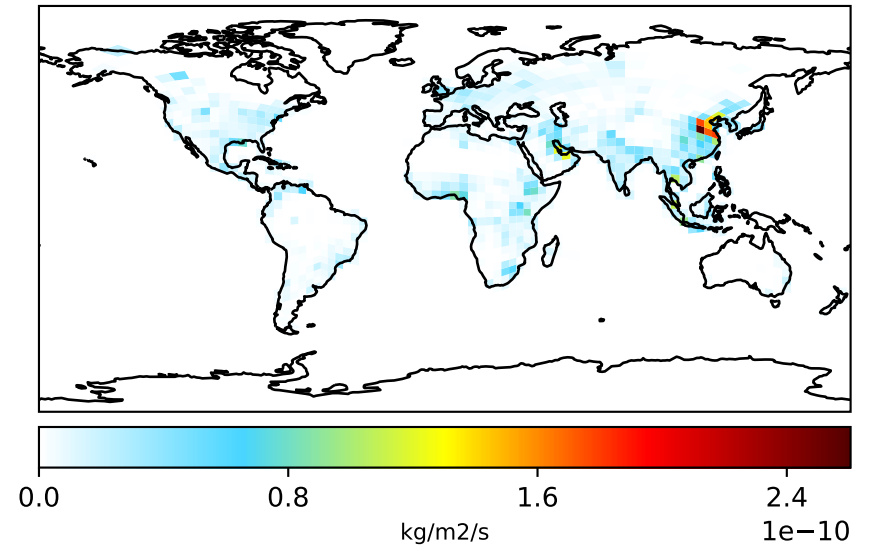


# EmisALK4\_Anthro

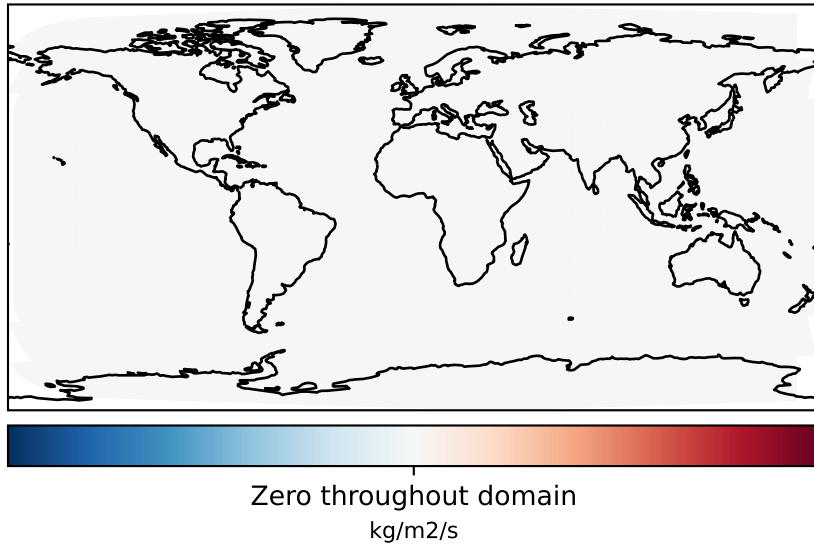
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



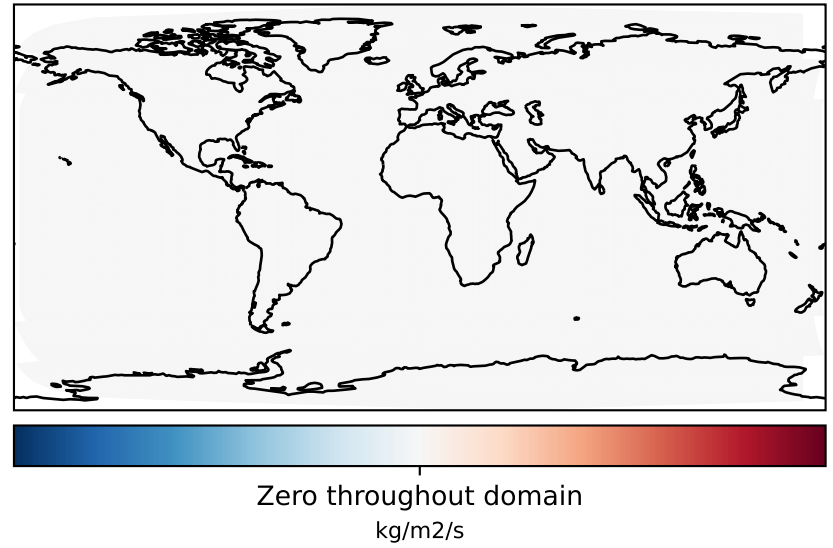
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



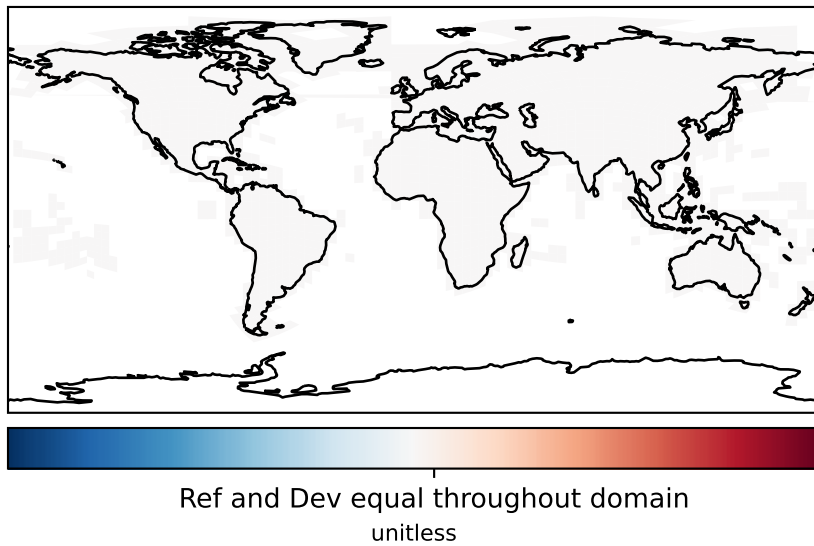
Difference  
Dev - Ref, Dynamic Range



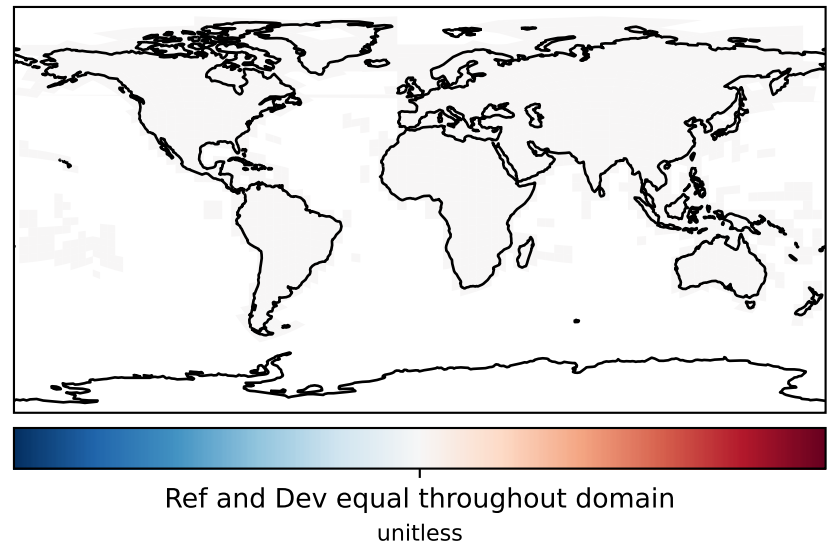
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

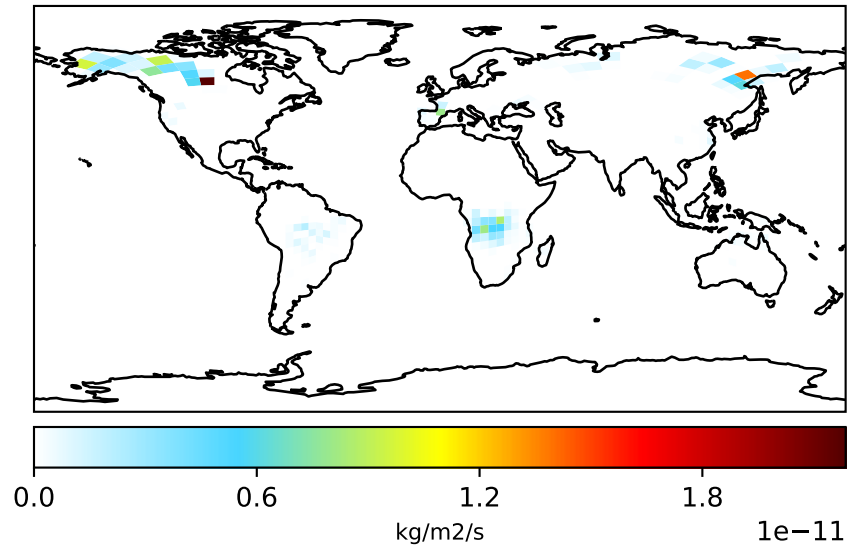


Ratio  
Dev/Ref, Fixed Range

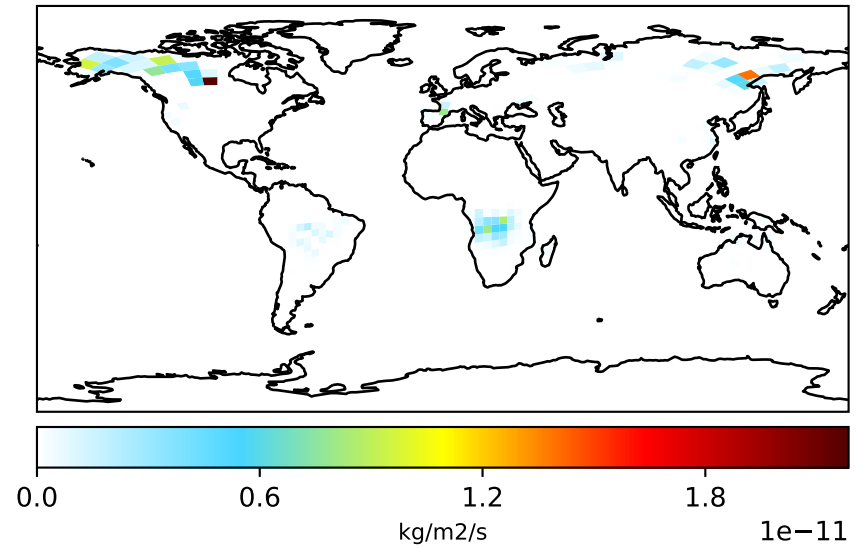


# EmisALK4\_BioBurn

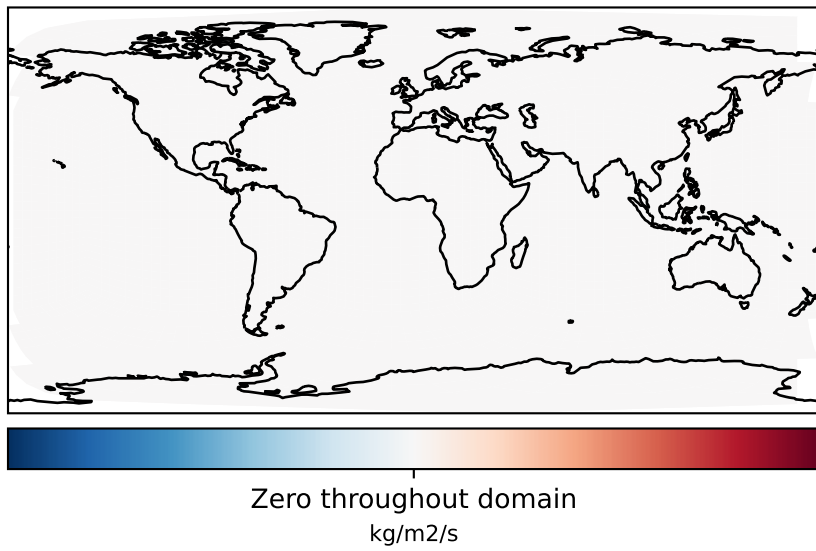
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



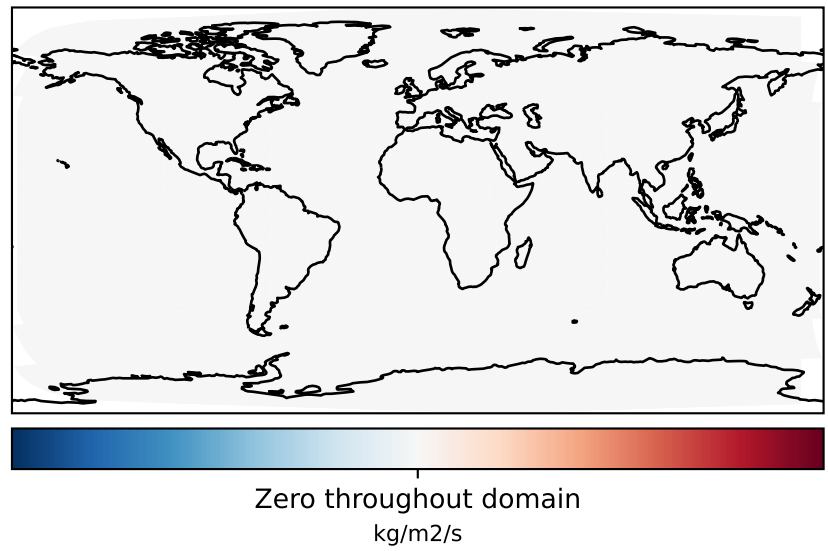
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



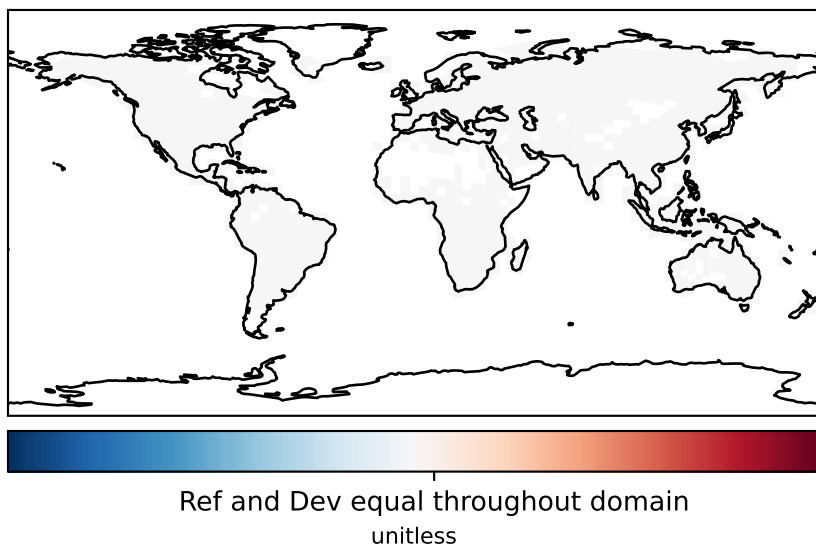
Difference  
Dev - Ref, Dynamic Range



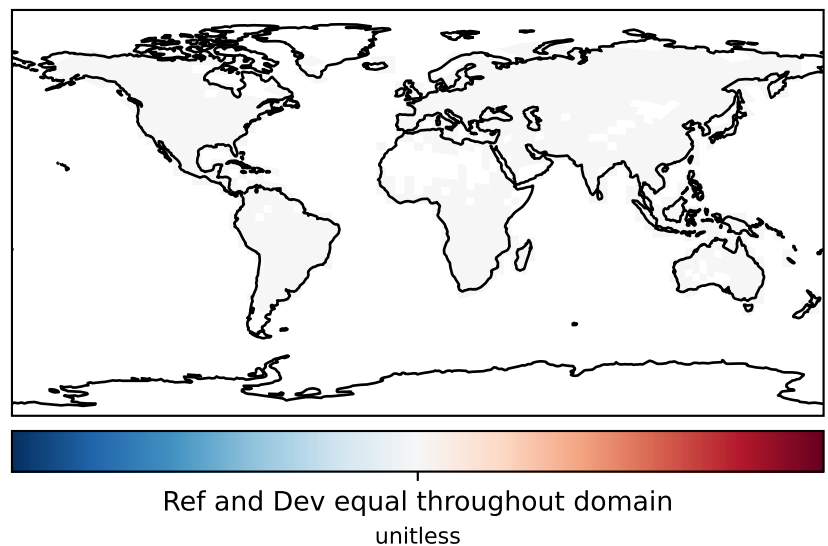
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



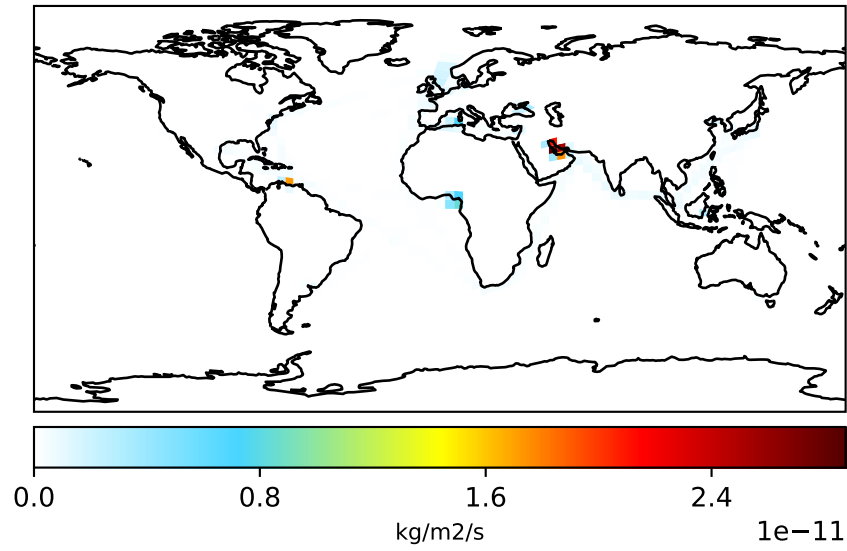
Ratio  
Dev/Ref, Fixed Range



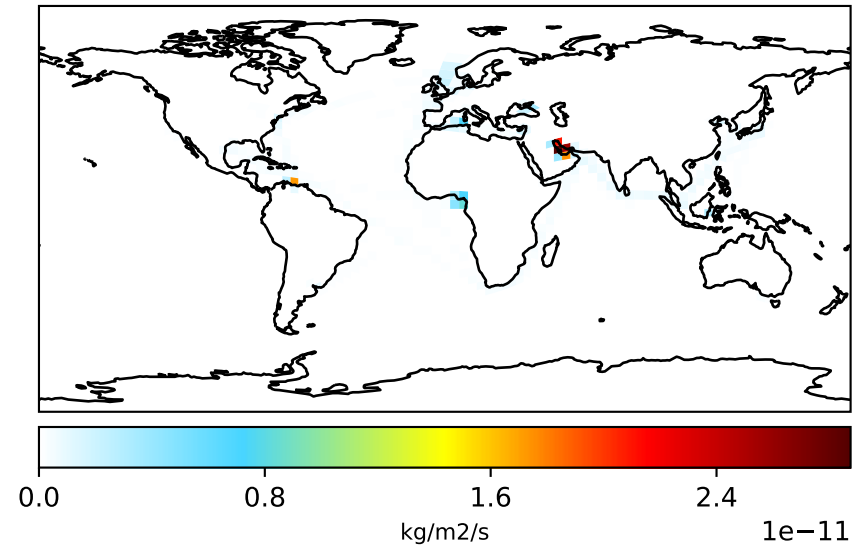


# EmisALK4\_Ship

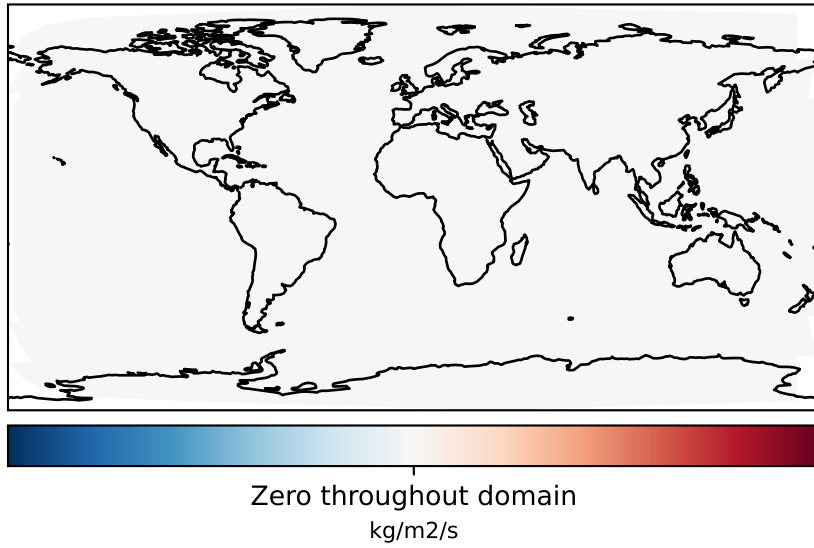
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



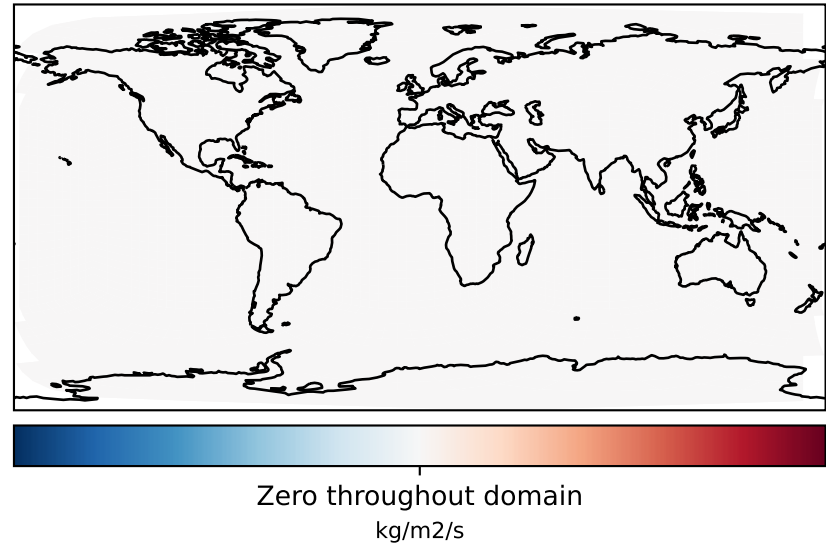
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



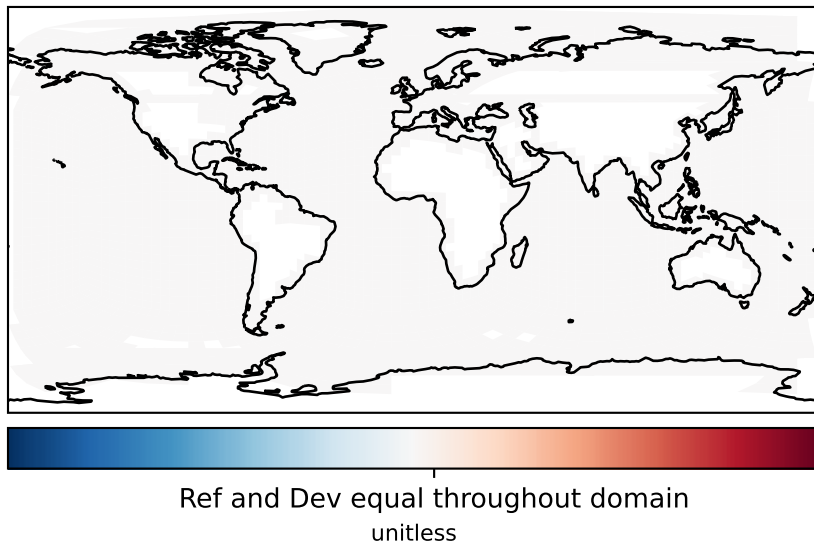
Difference  
Dev - Ref, Dynamic Range



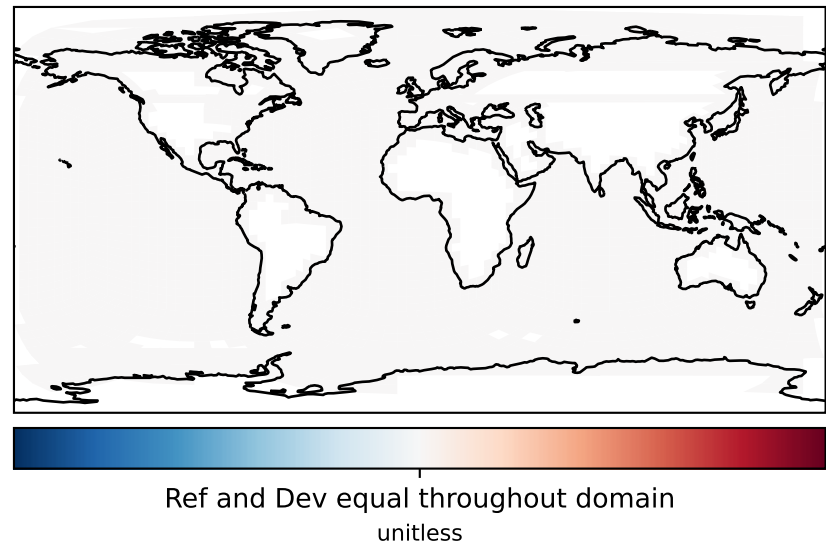
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

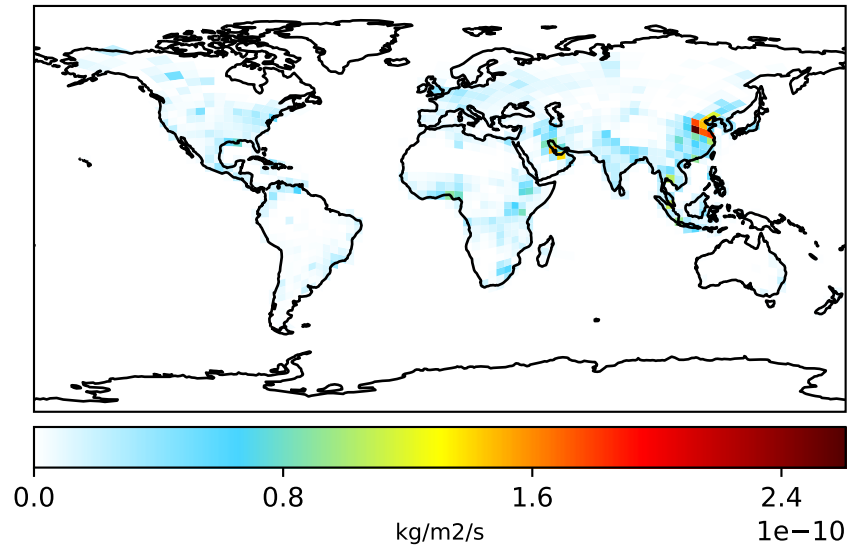


Ratio  
Dev/Ref, Fixed Range

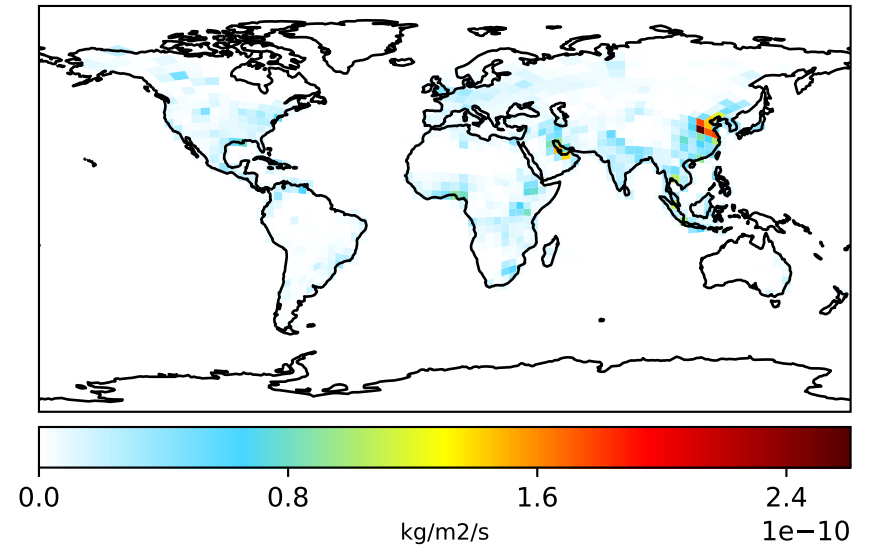


# EmisALK4\_Total

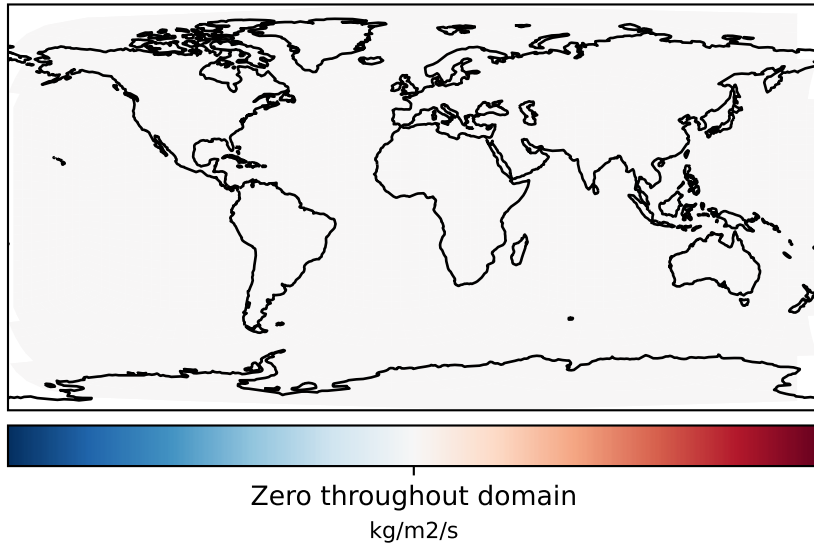
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



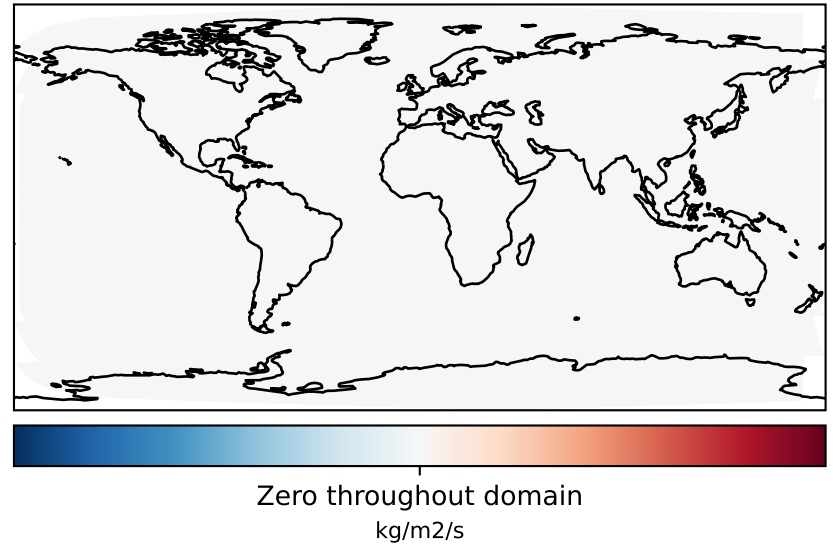
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



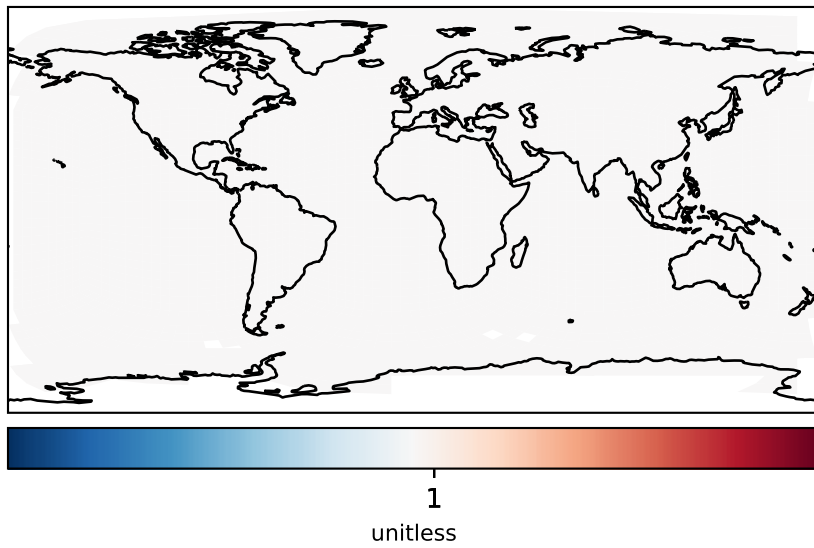
Difference  
Dev - Ref, Dynamic Range



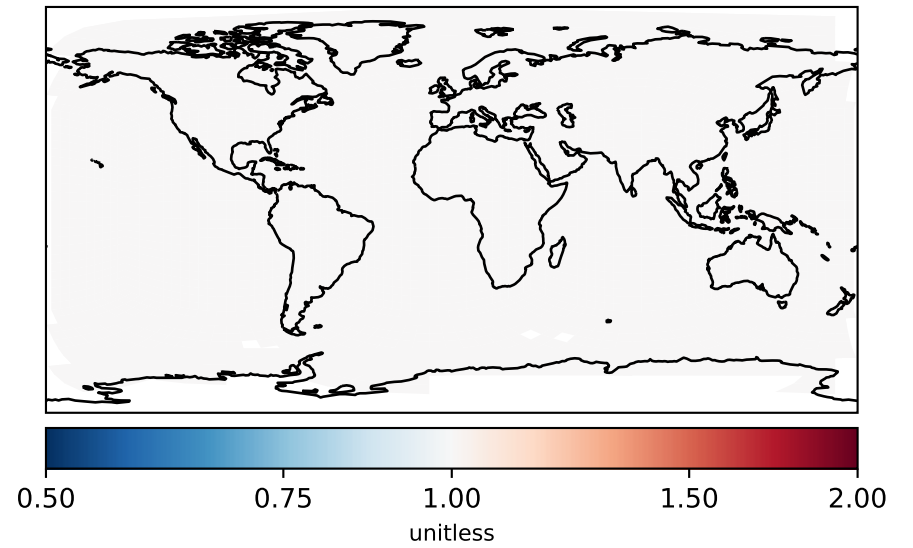
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

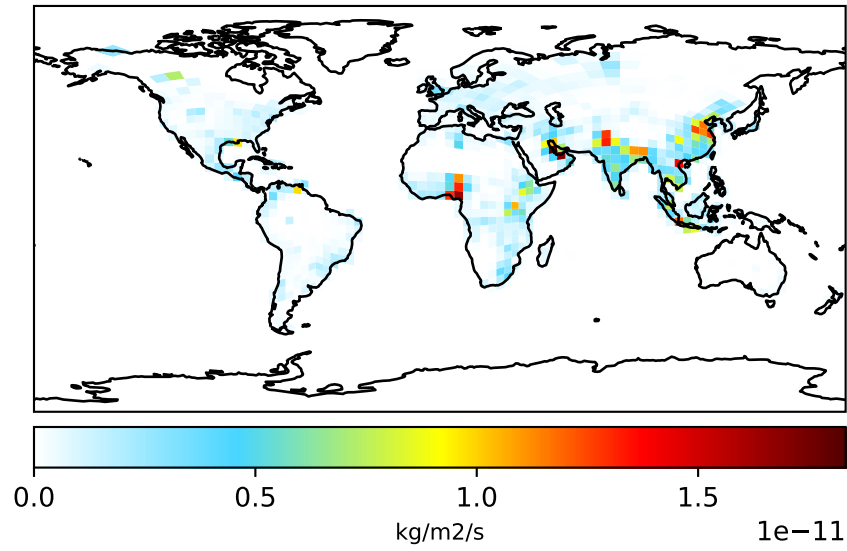


Ratio  
Dev/Ref, Fixed Range

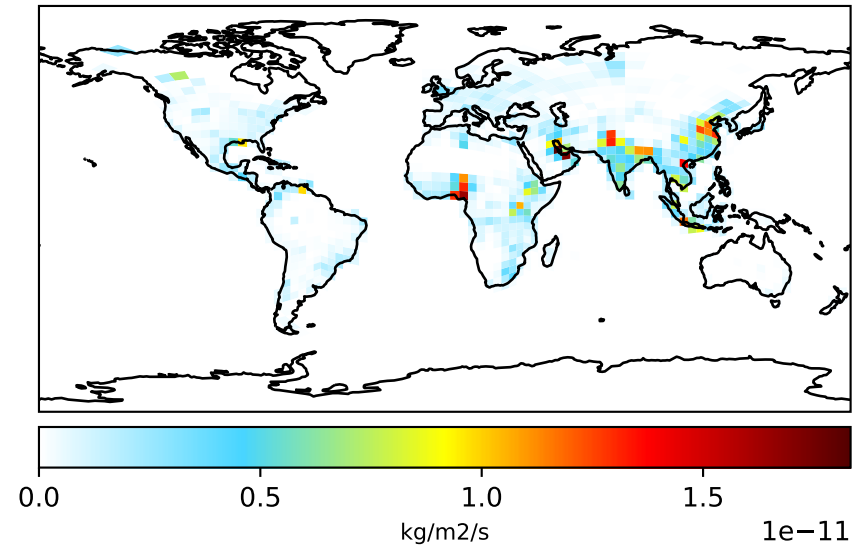


# EmisBENZ\_Anthro

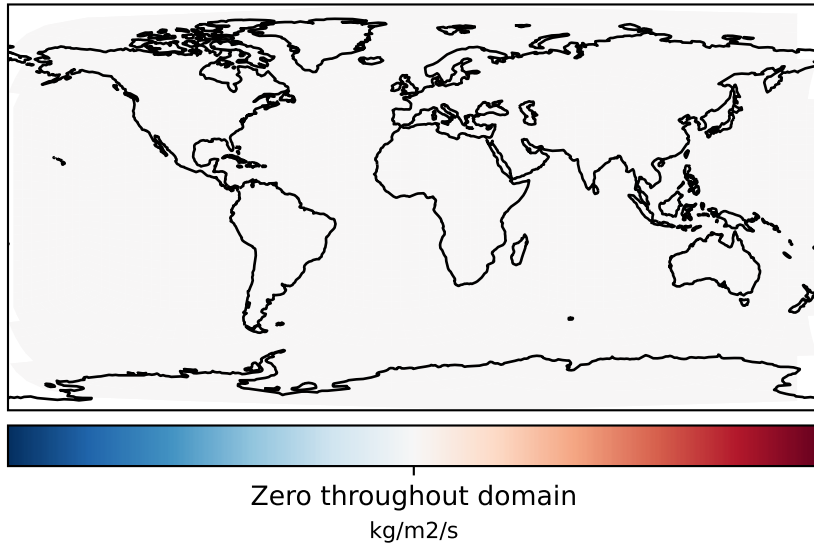
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



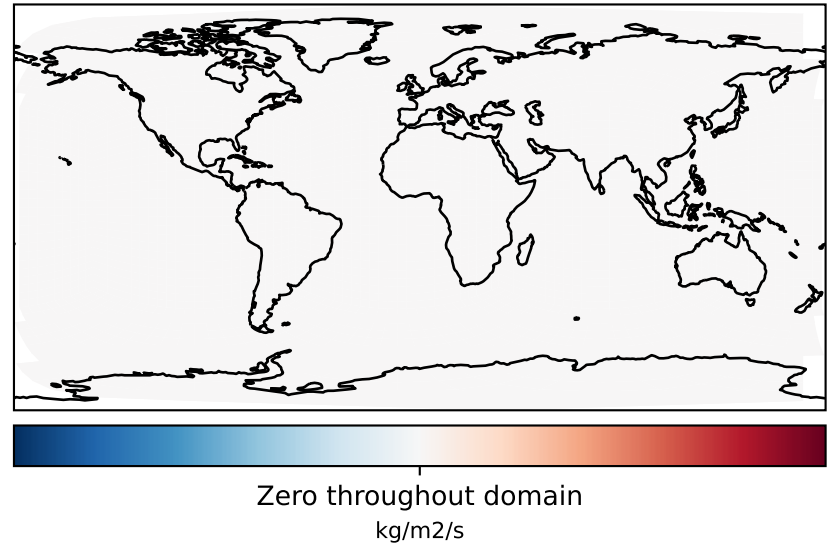
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



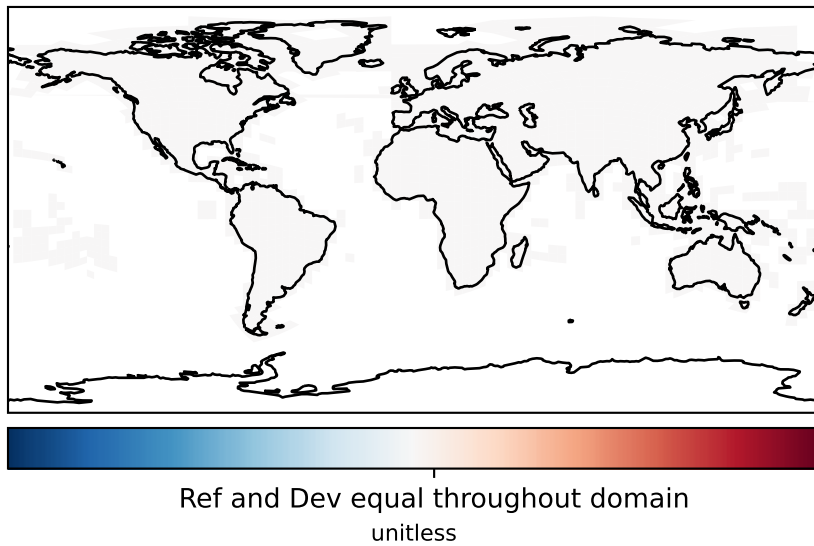
Difference  
Dev - Ref, Dynamic Range



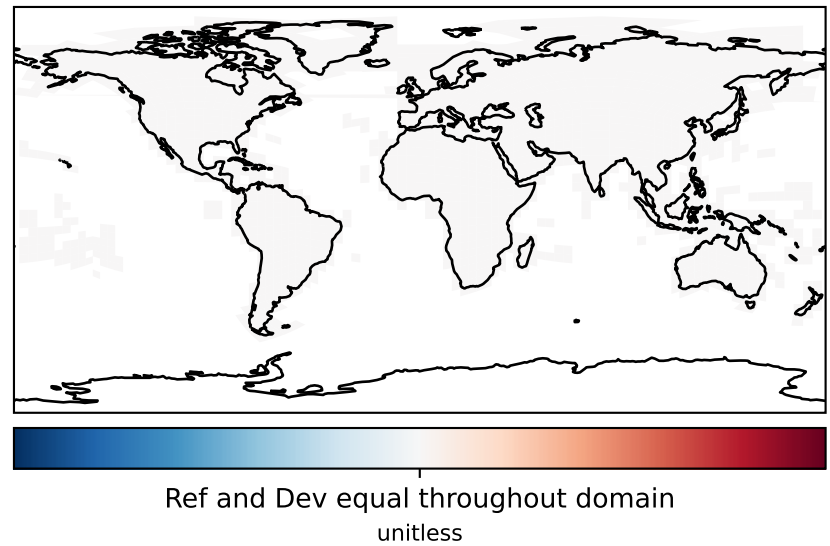
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

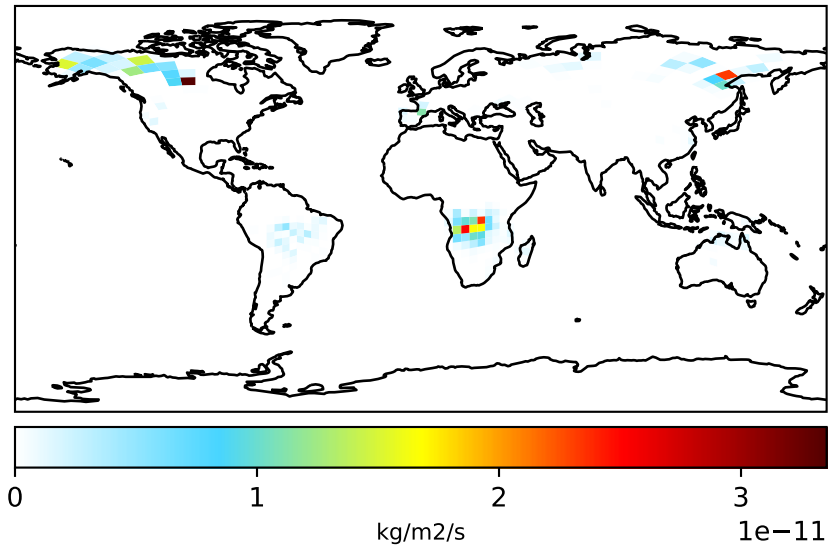


Ratio  
Dev/Ref, Fixed Range

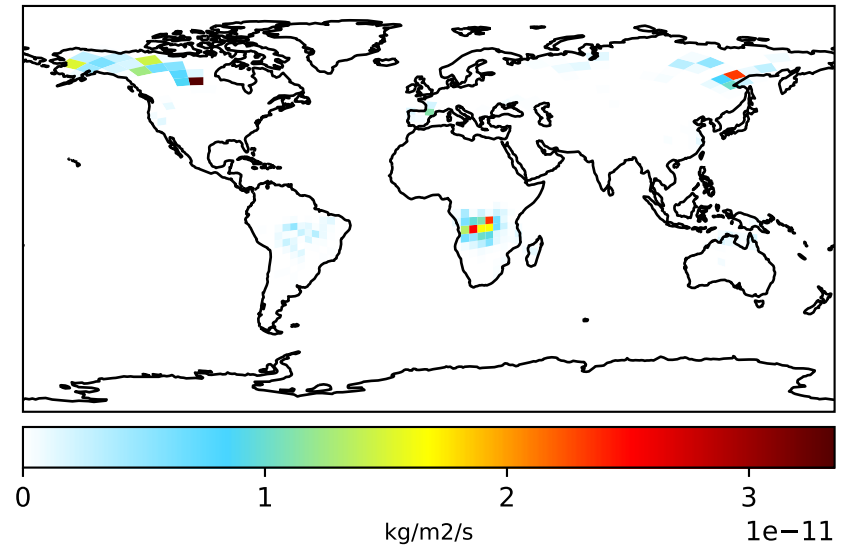


# EmisBENZ\_BioBurn

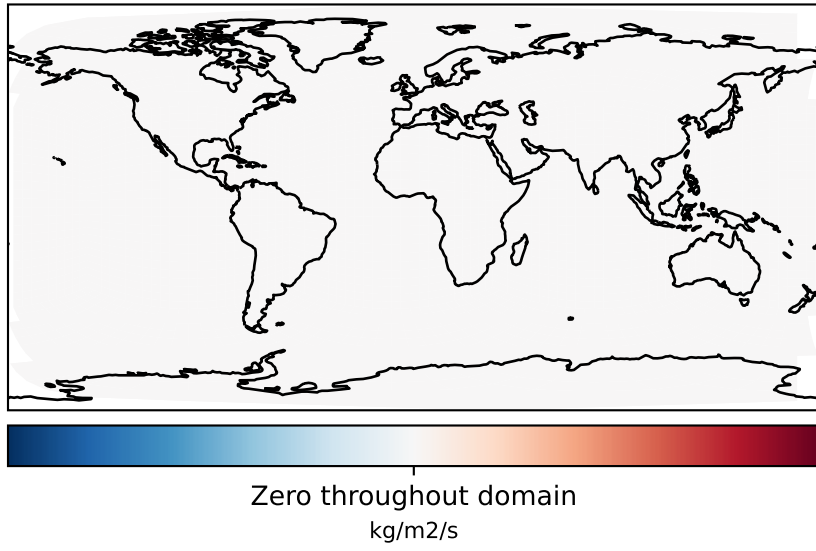
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



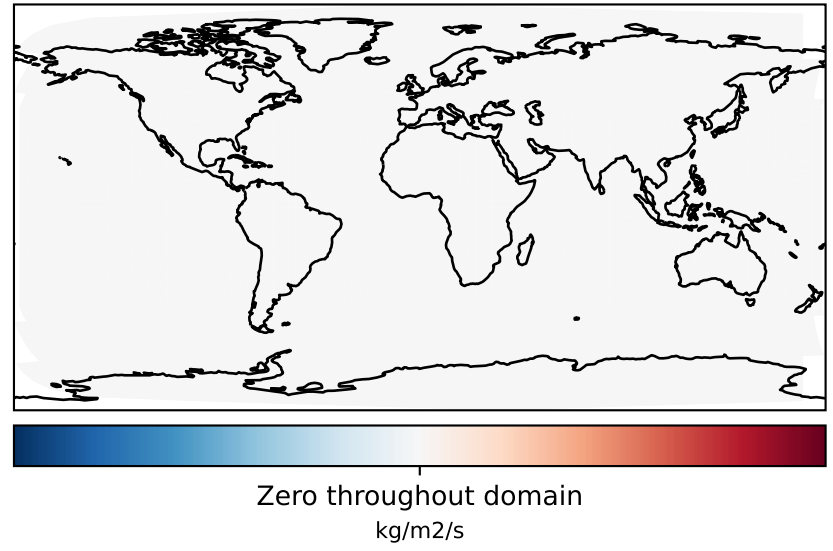
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



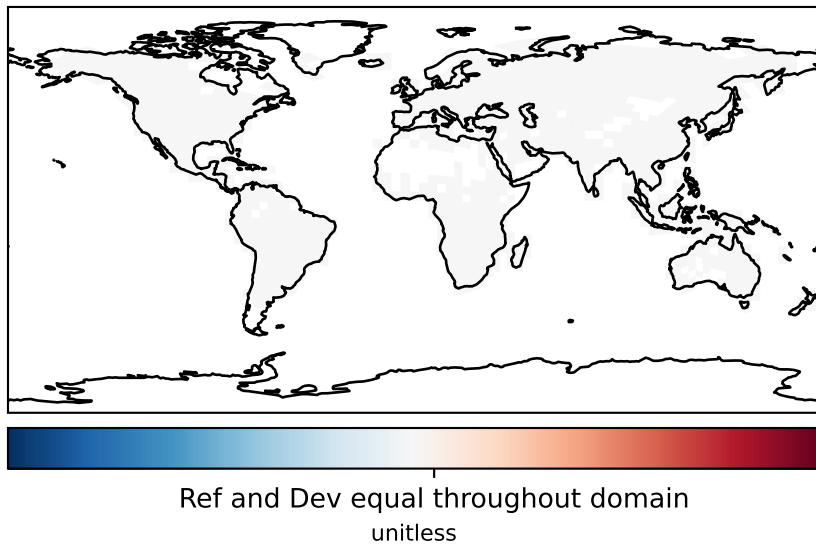
Difference  
Dev - Ref, Dynamic Range



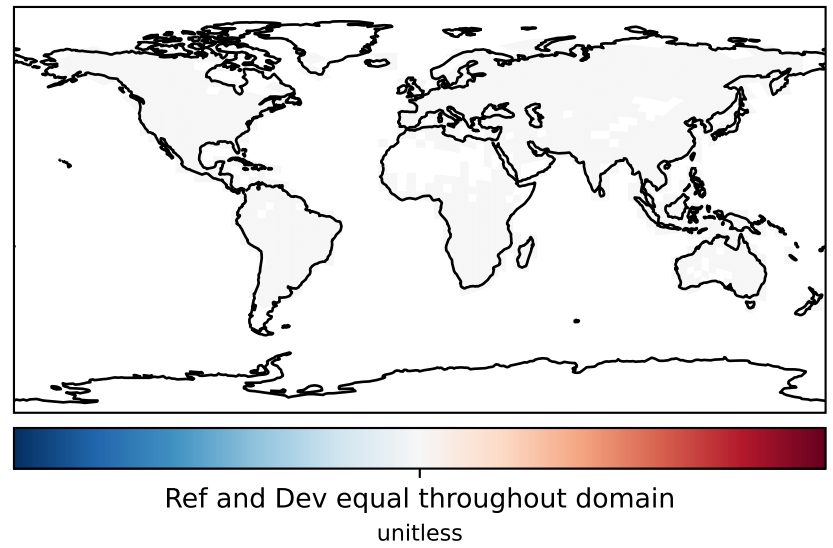
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

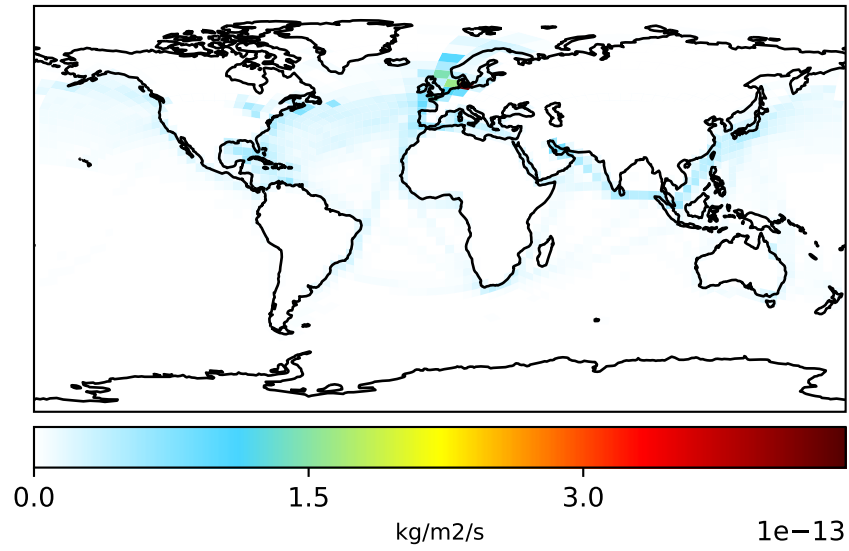


Ratio  
Dev/Ref, Fixed Range

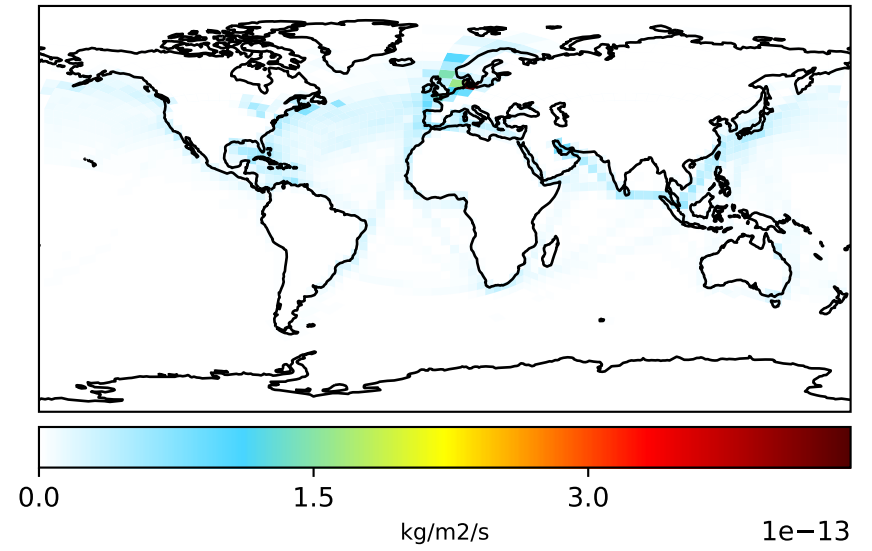


# EmisBENZ\_Ship

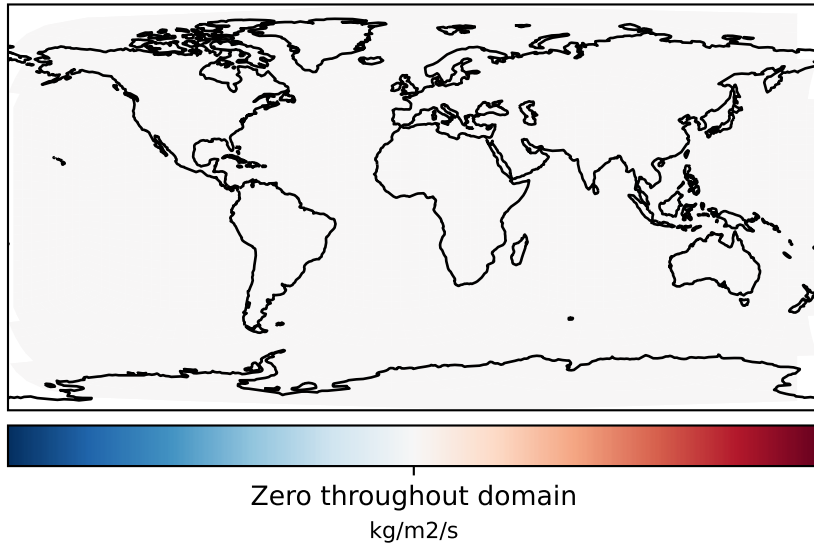
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



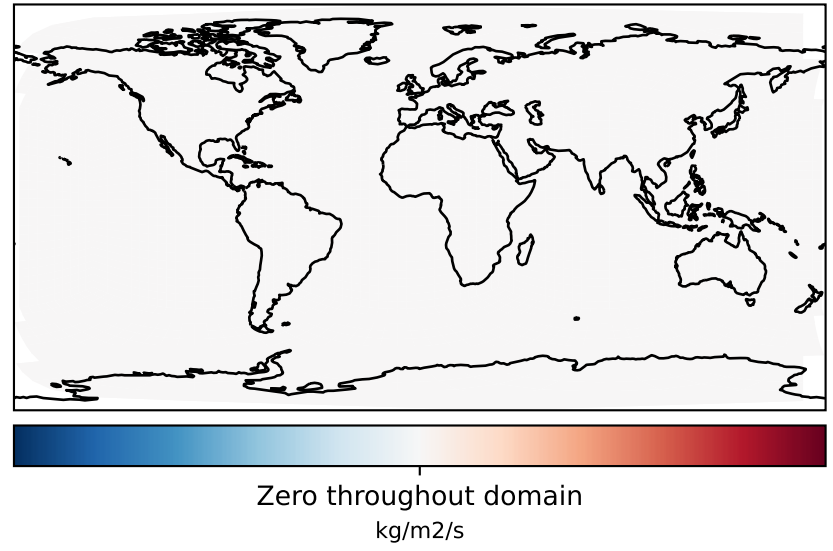
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



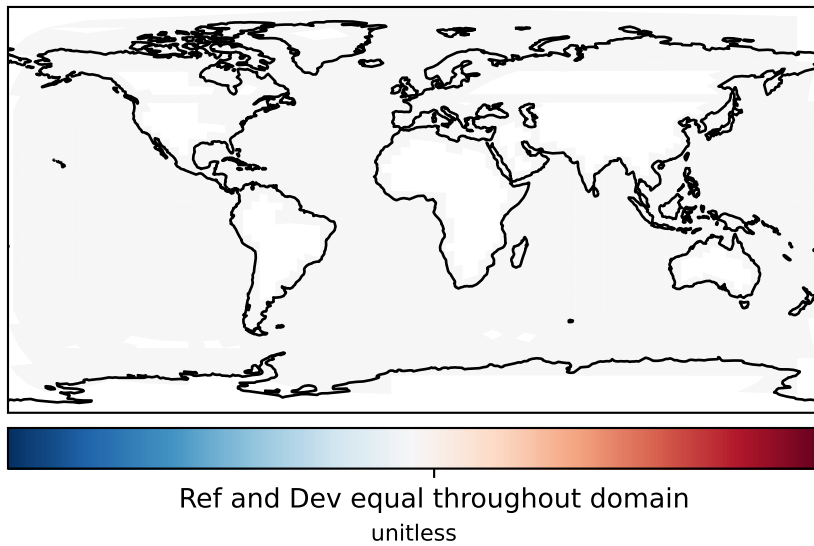
Difference  
Dev - Ref, Dynamic Range



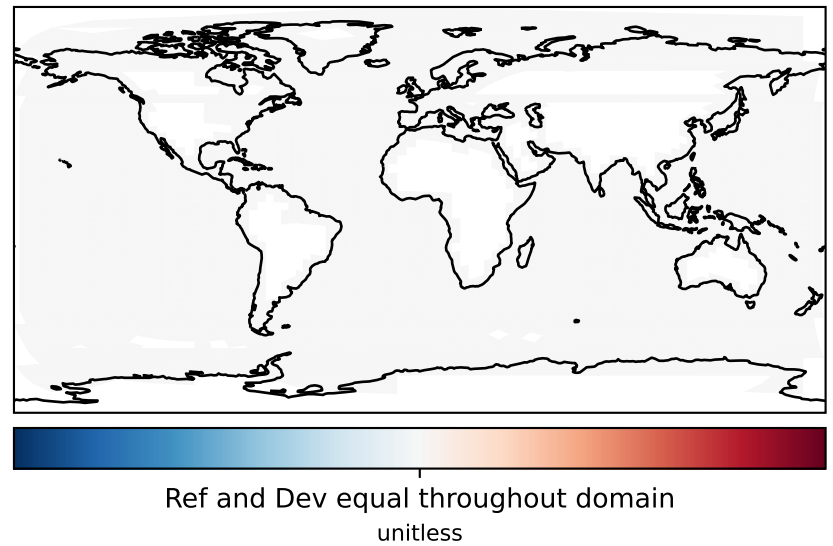
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

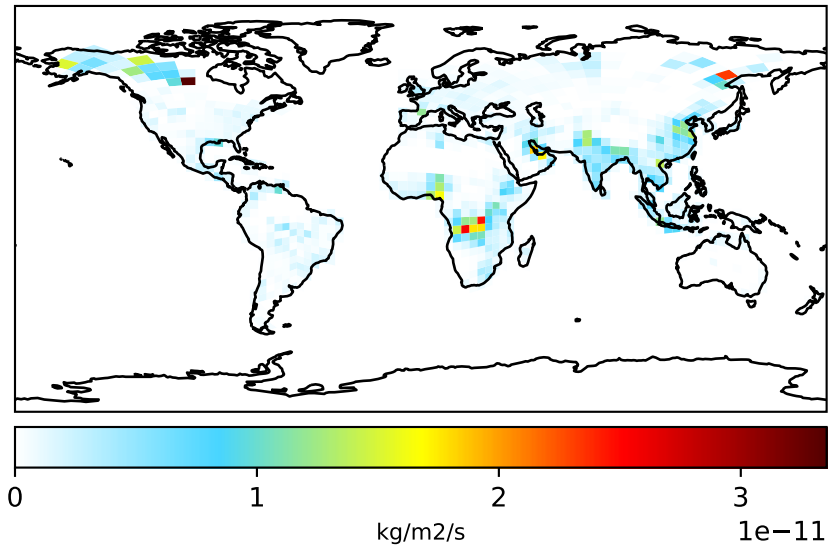


Ratio  
Dev/Ref, Fixed Range

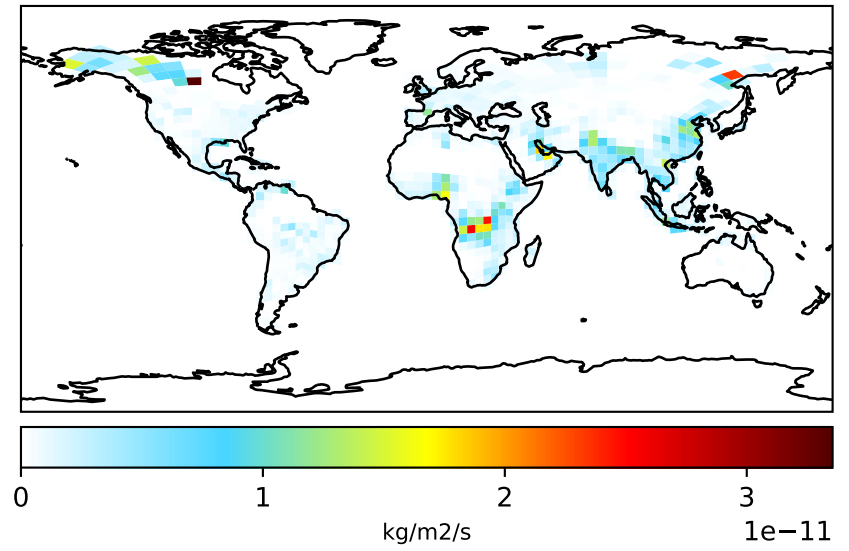


# EmisBENZ\_Total

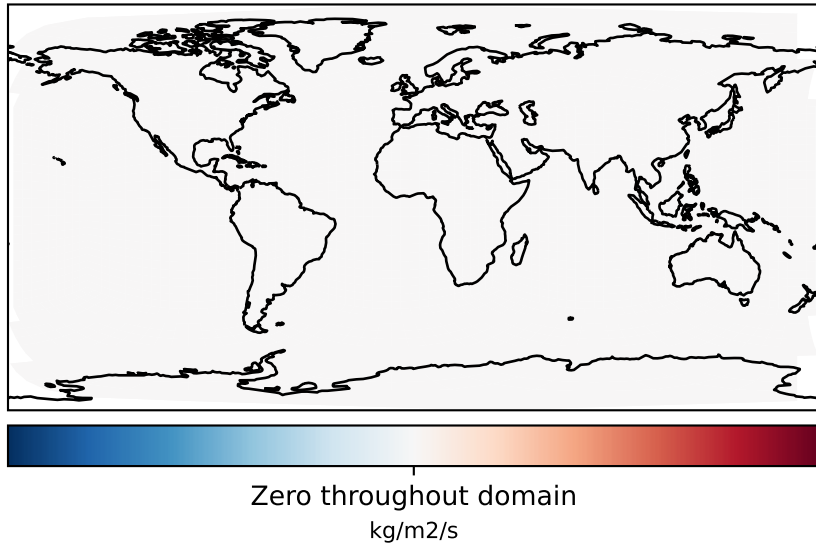
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



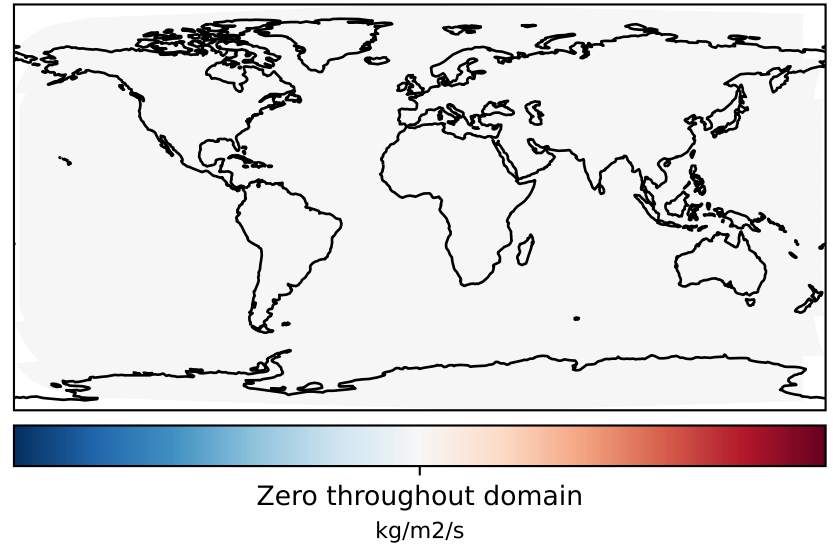
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



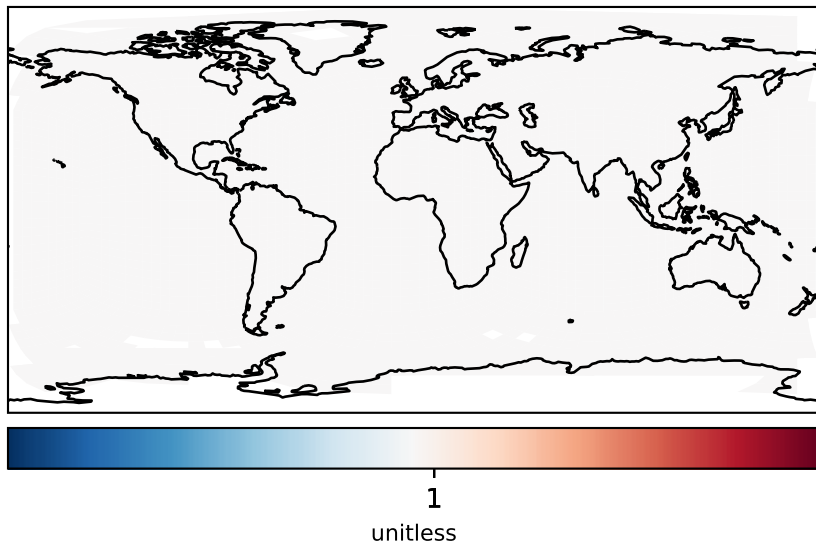
Difference  
Dev - Ref, Dynamic Range



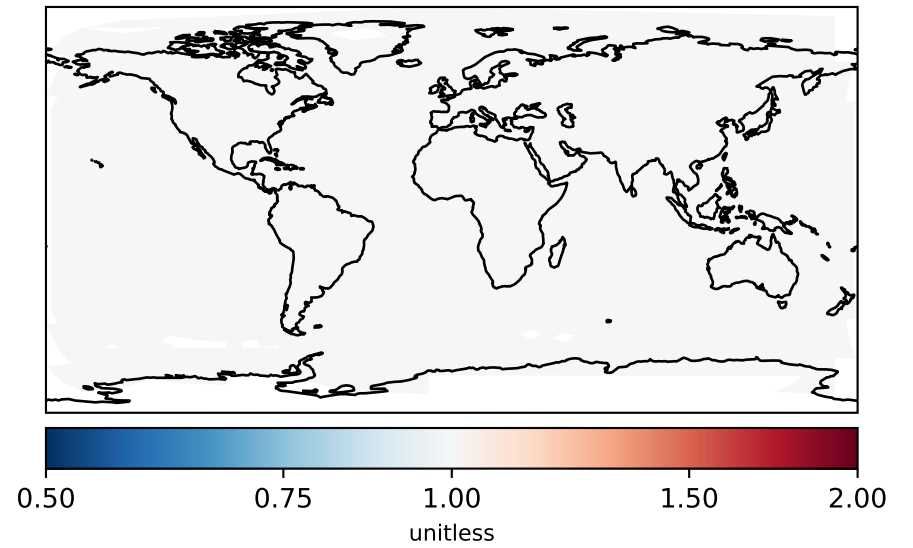
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

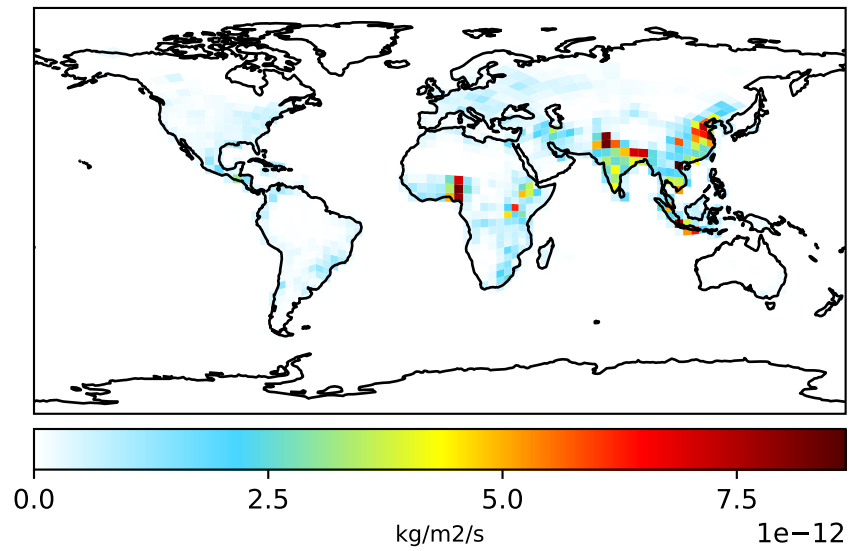


Ratio  
Dev/Ref, Fixed Range

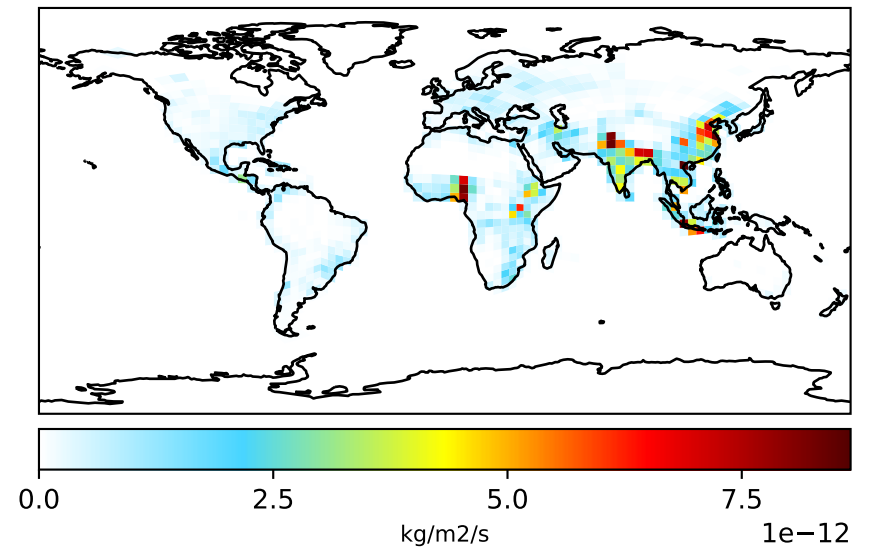


# EmisC2H2\_Anthro

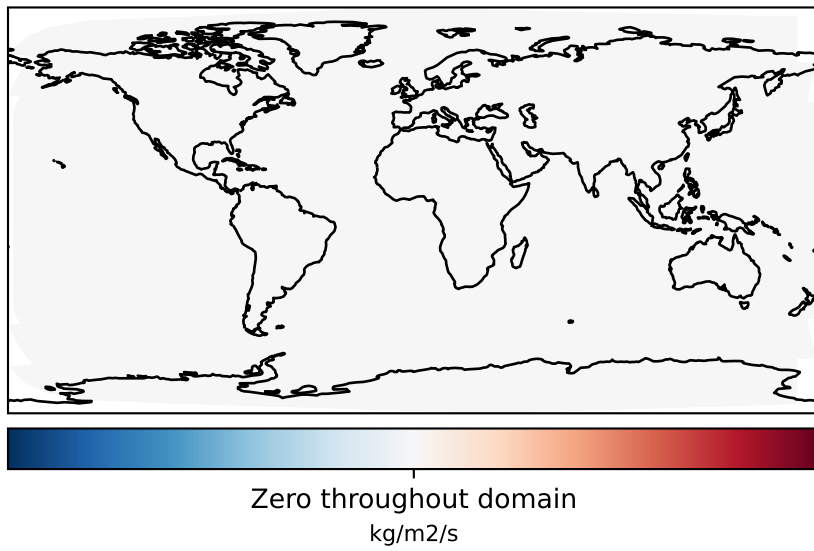
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



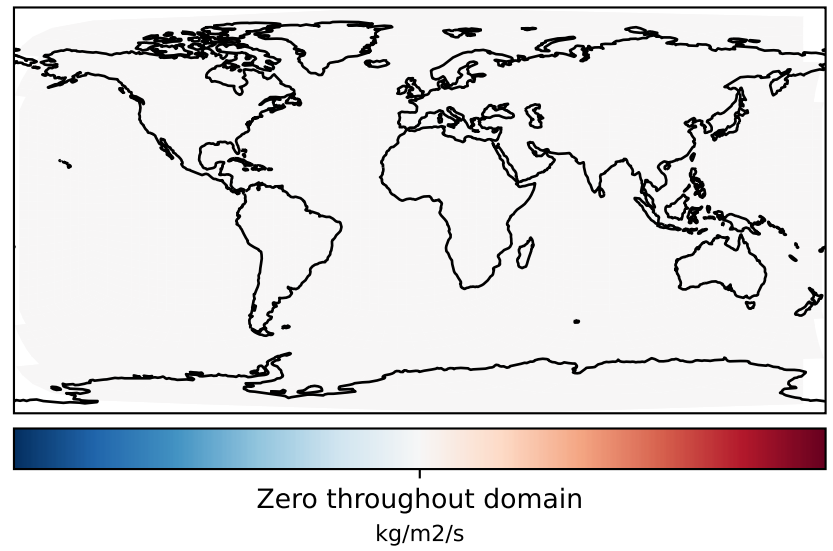
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



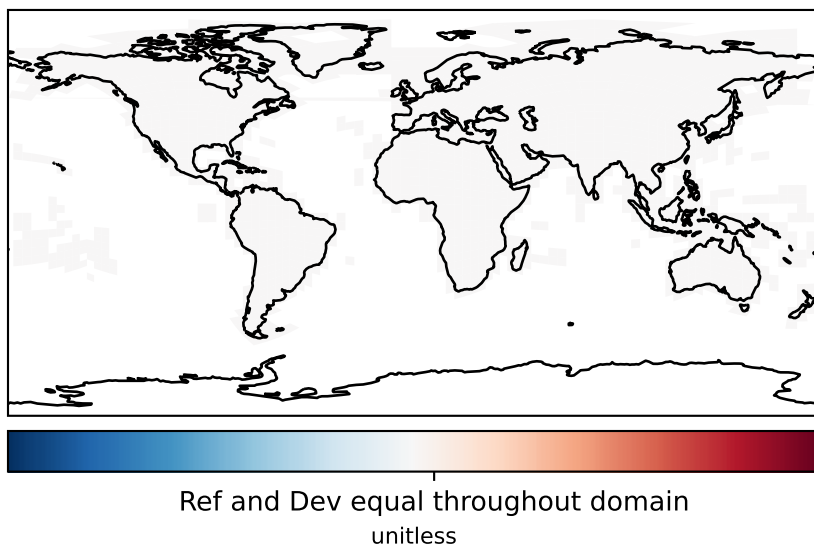
Difference  
Dev - Ref, Dynamic Range



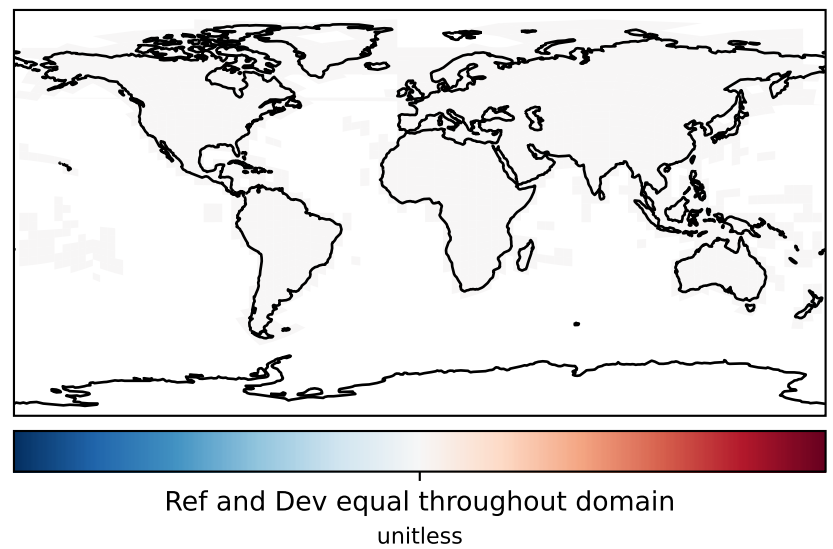
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

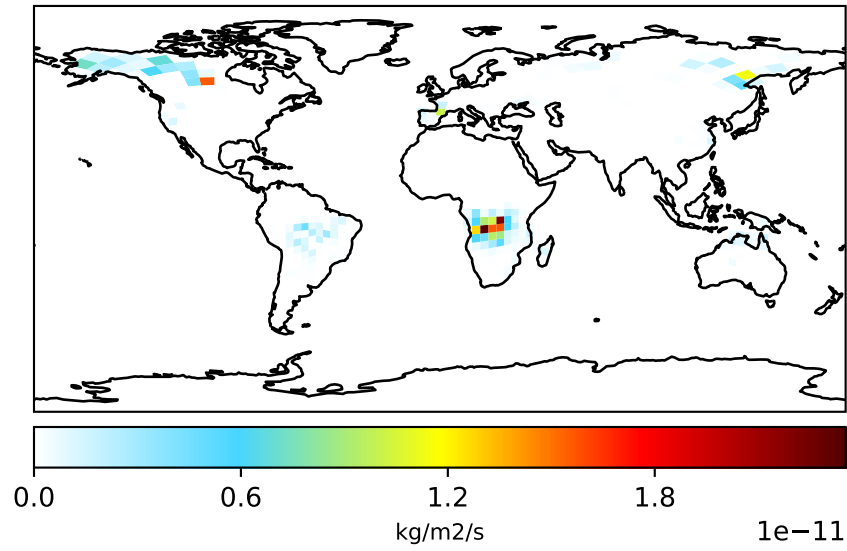


Ratio  
Dev/Ref, Fixed Range

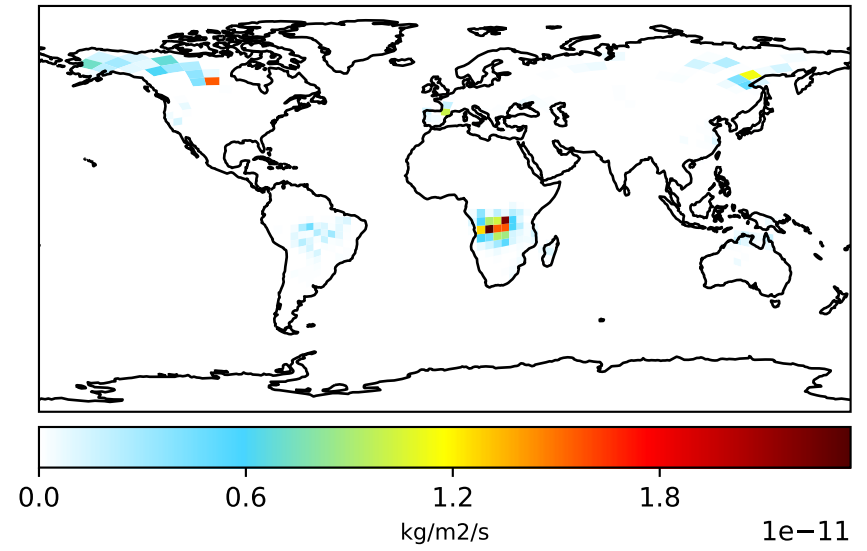


# EmisC2H2\_BioBurn

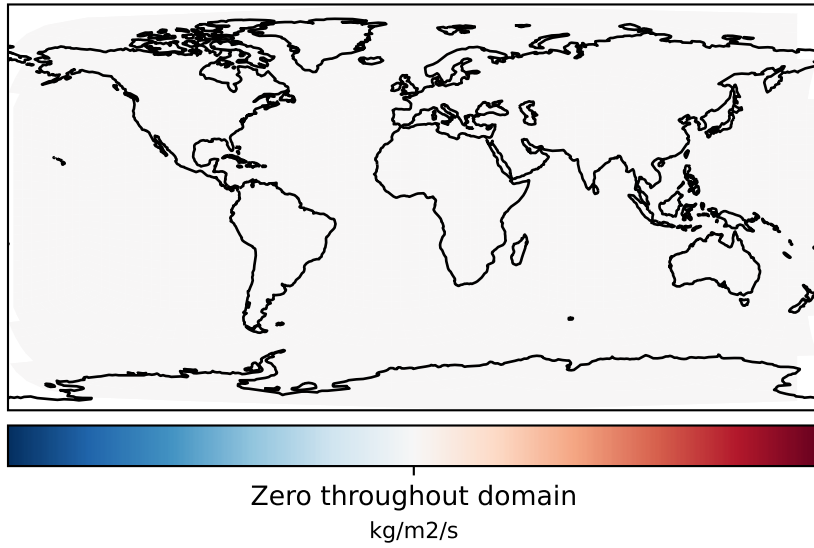
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



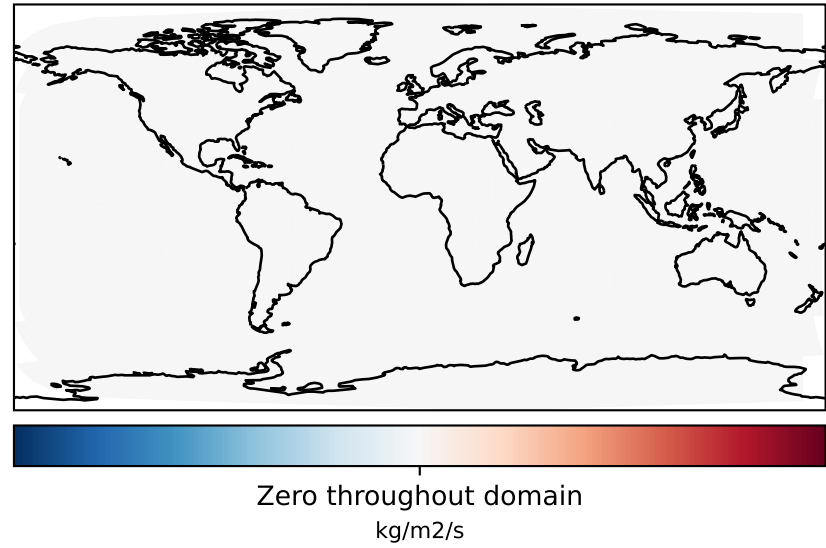
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



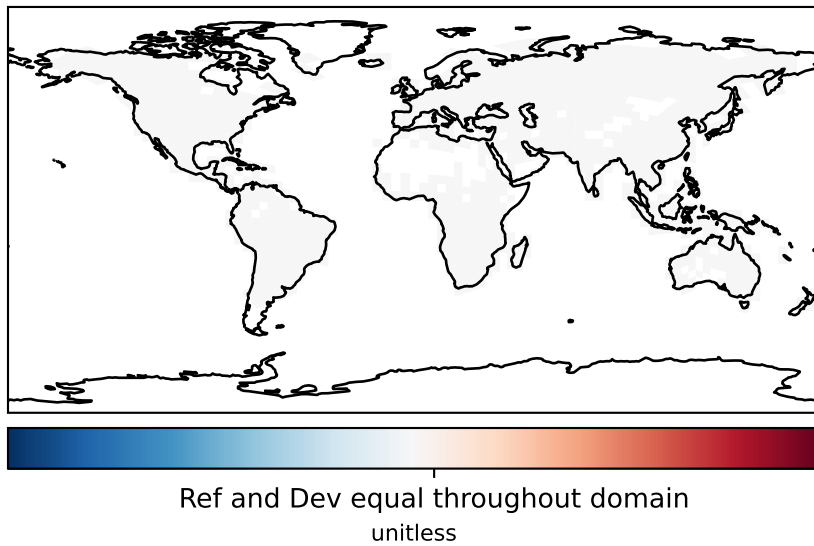
Difference  
Dev - Ref, Dynamic Range



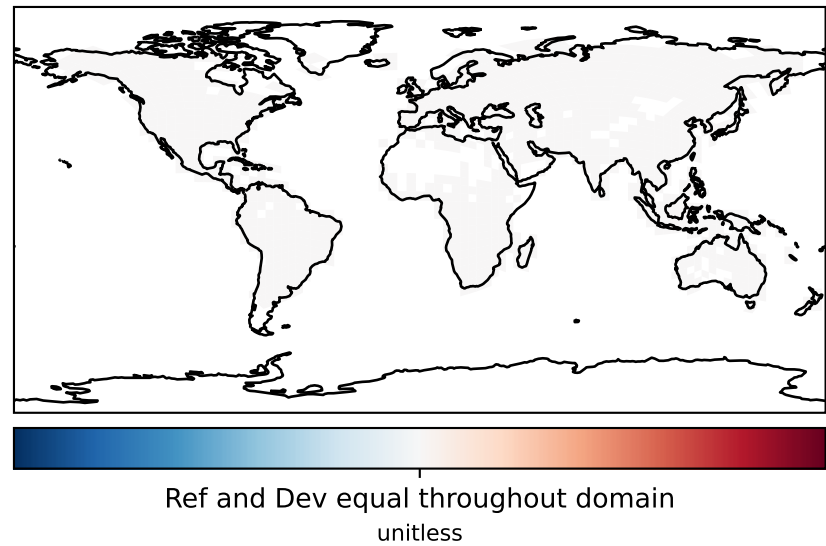
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



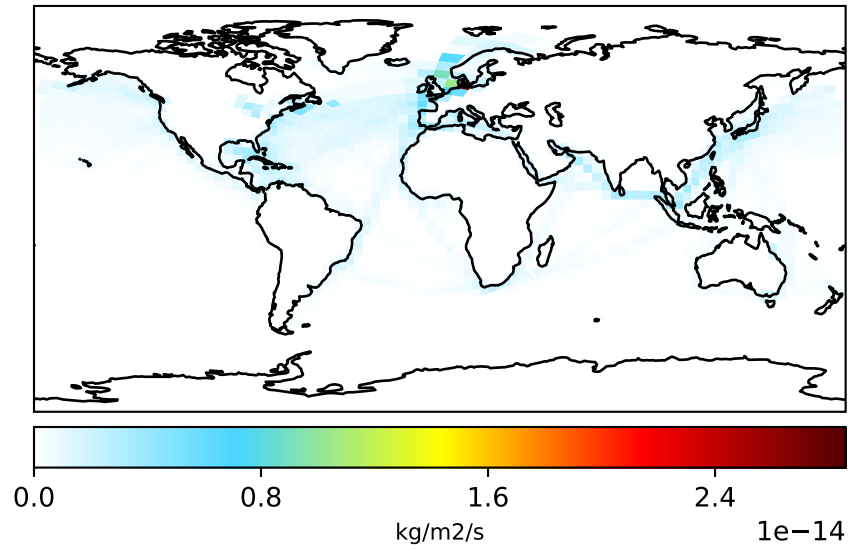
Ratio  
Dev/Ref, Fixed Range



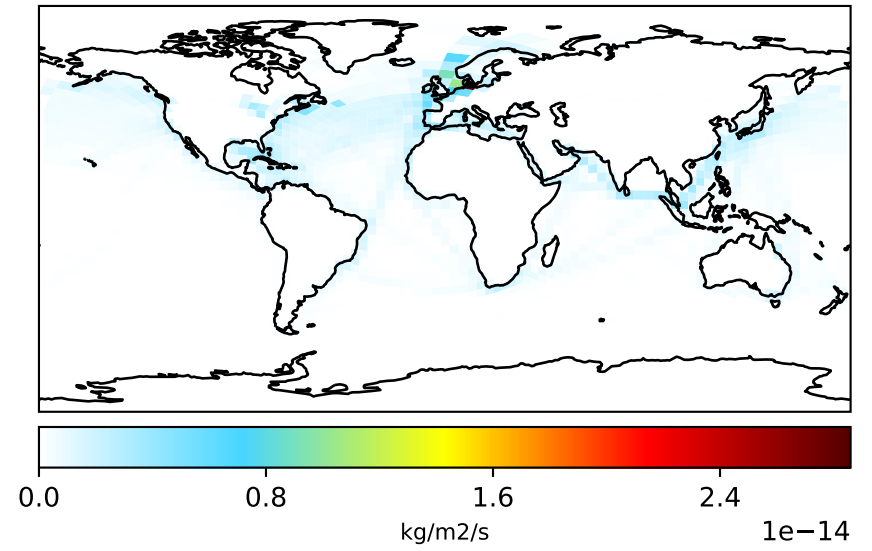


# EmisC2H2\_Ship

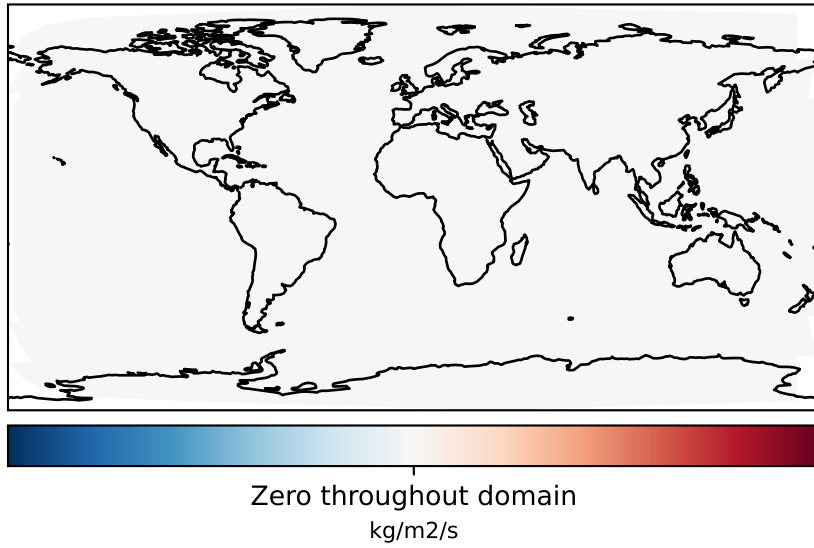
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



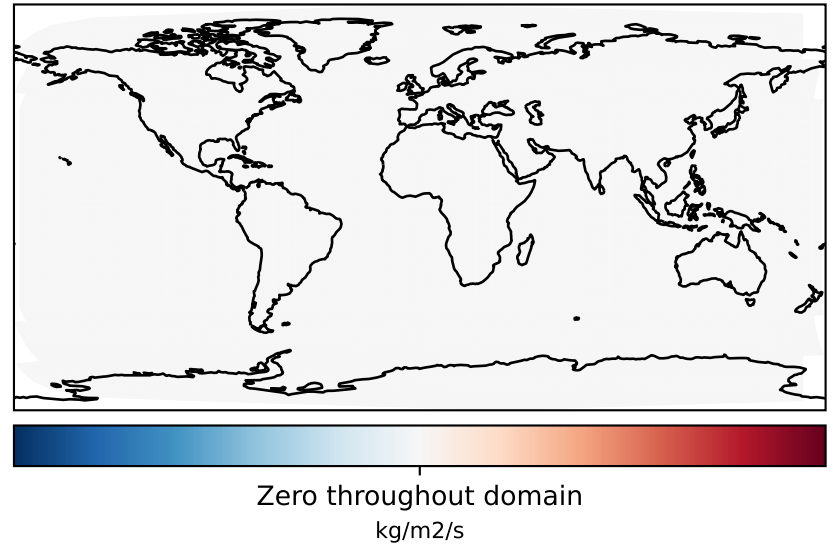
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



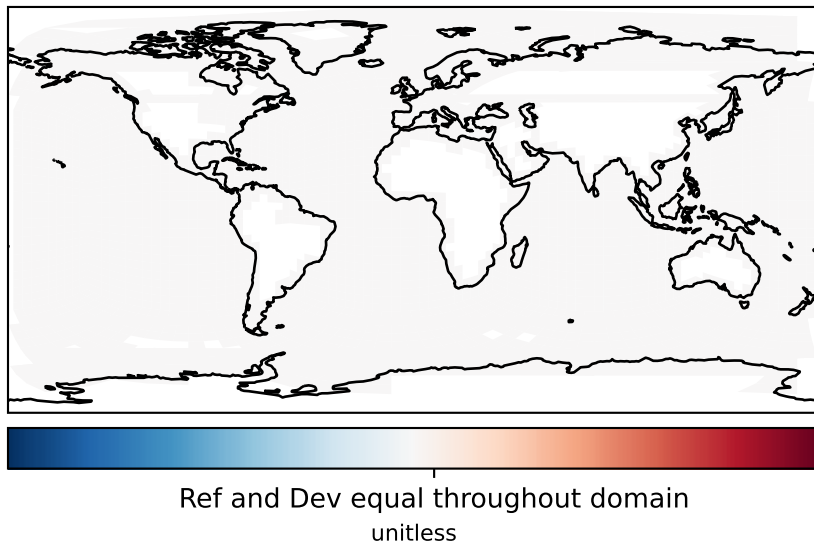
Difference  
Dev - Ref, Dynamic Range



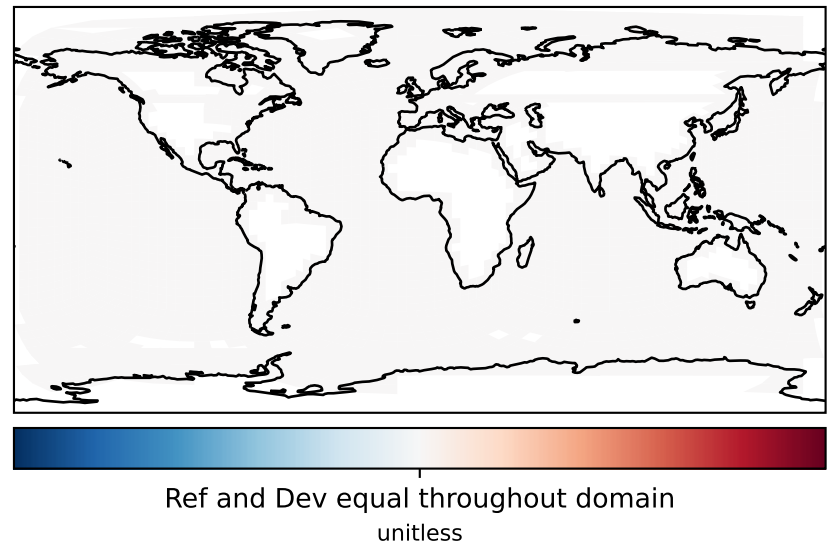
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

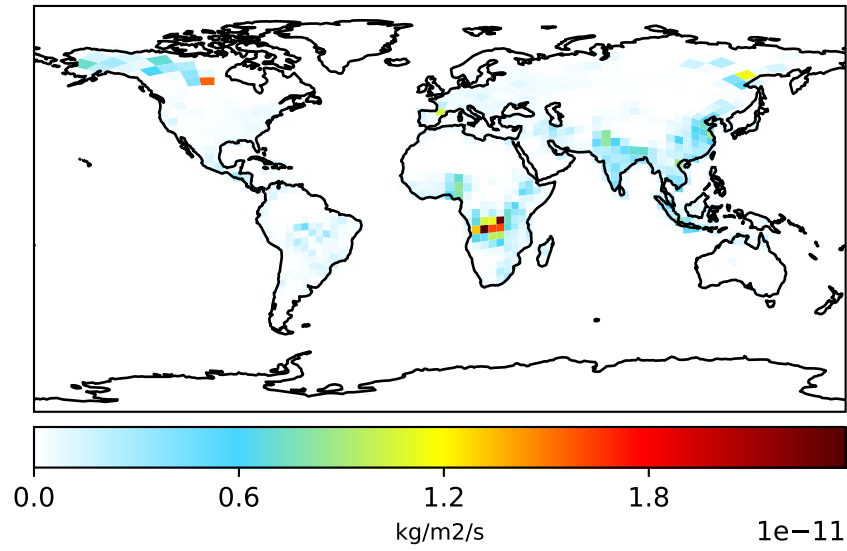


Ratio  
Dev/Ref, Fixed Range

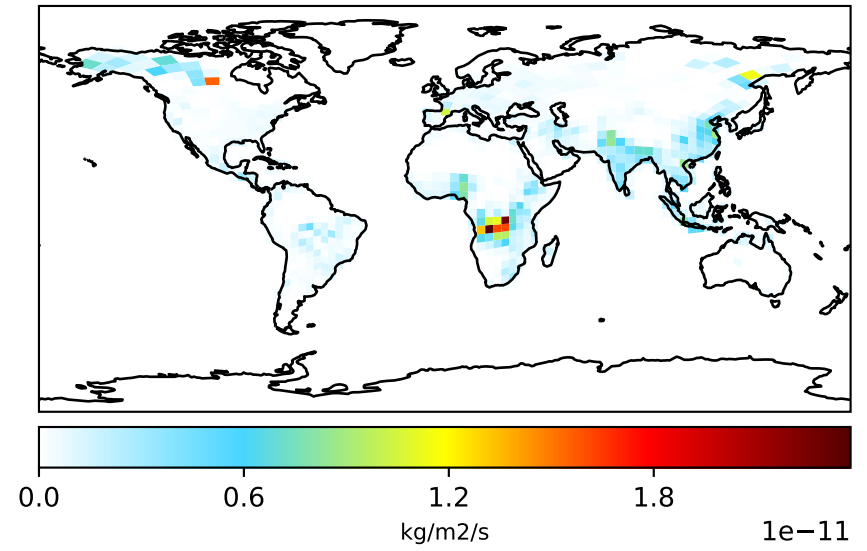


# EmisC2H2\_Total

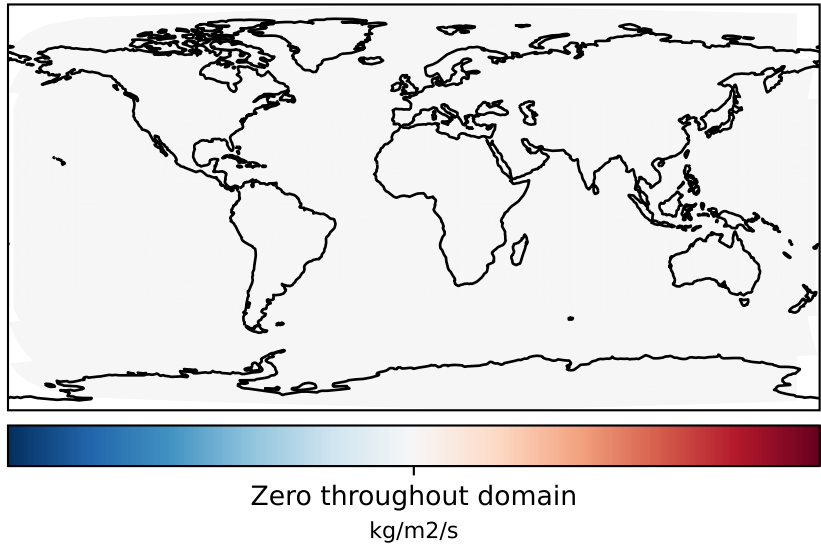
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



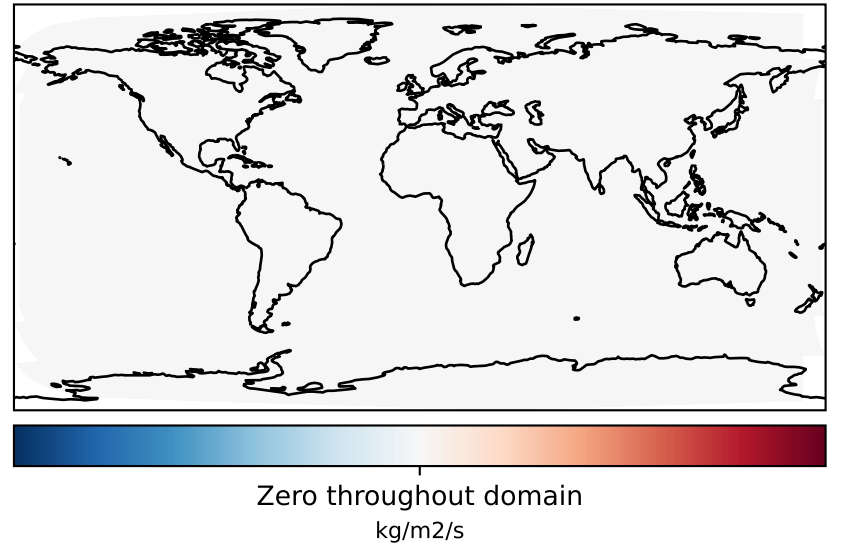
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



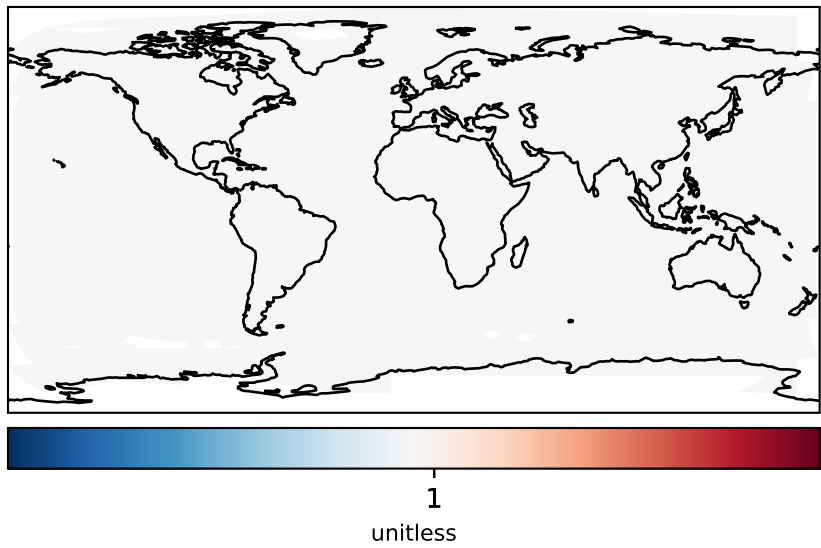
Difference  
Dev - Ref, Dynamic Range



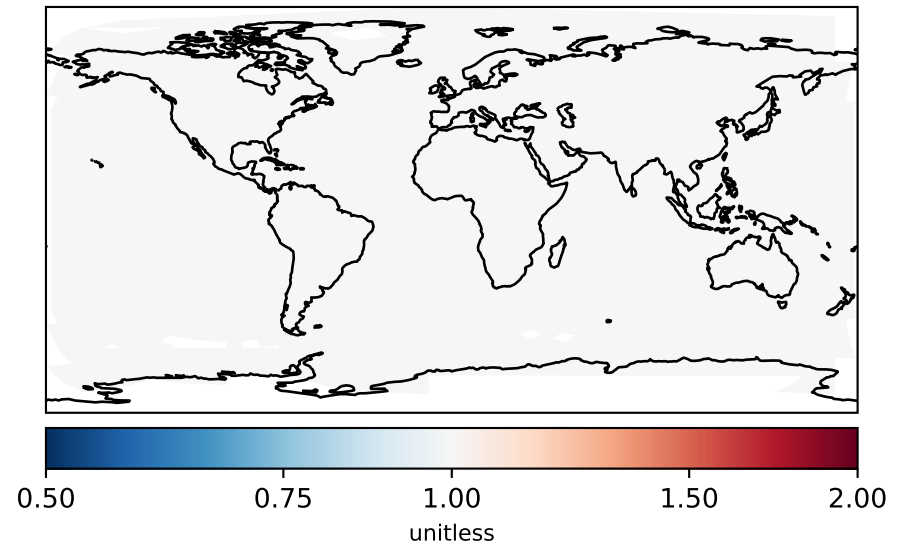
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

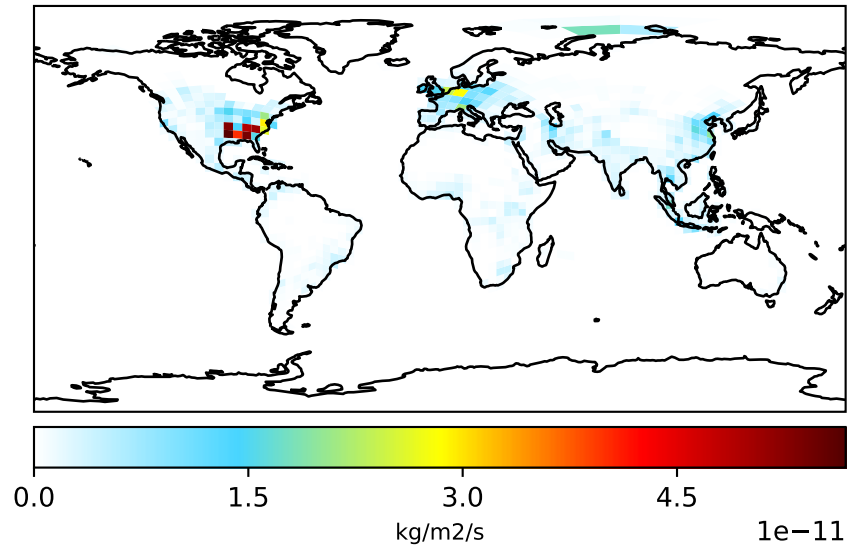


Ratio  
Dev/Ref, Fixed Range

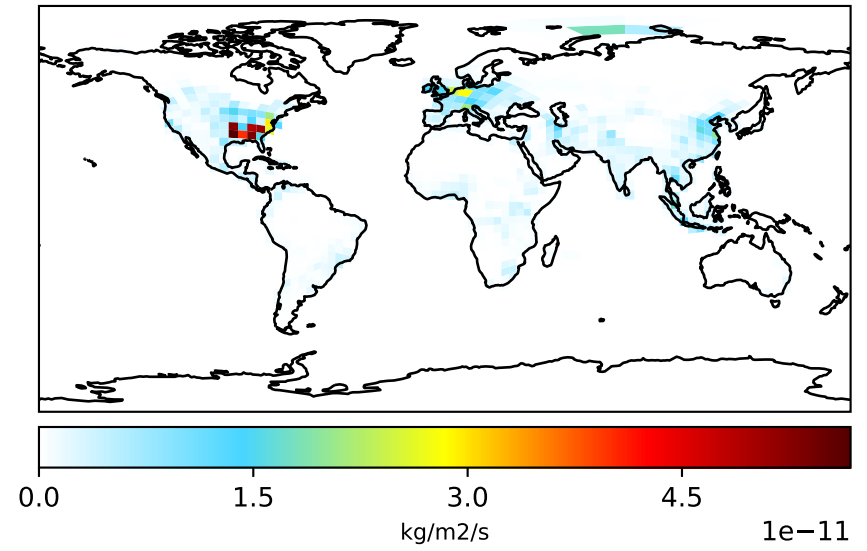


# EmisC2H4\_Anthro

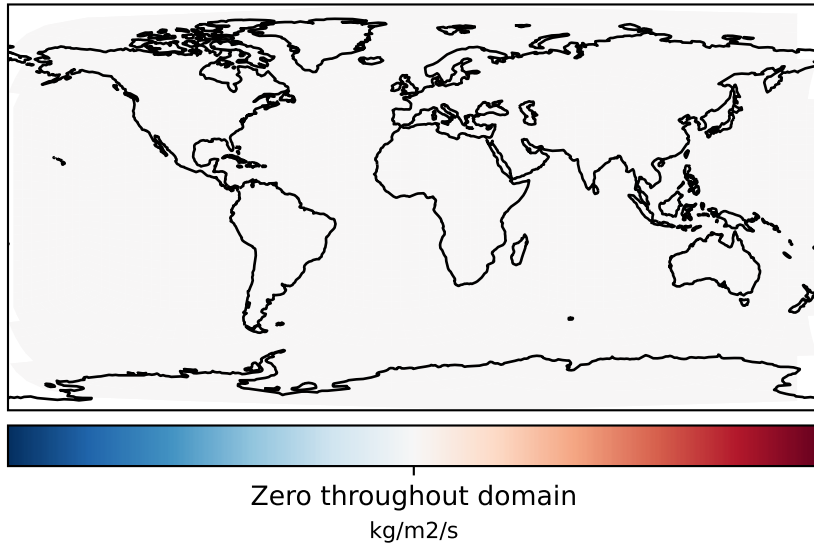
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



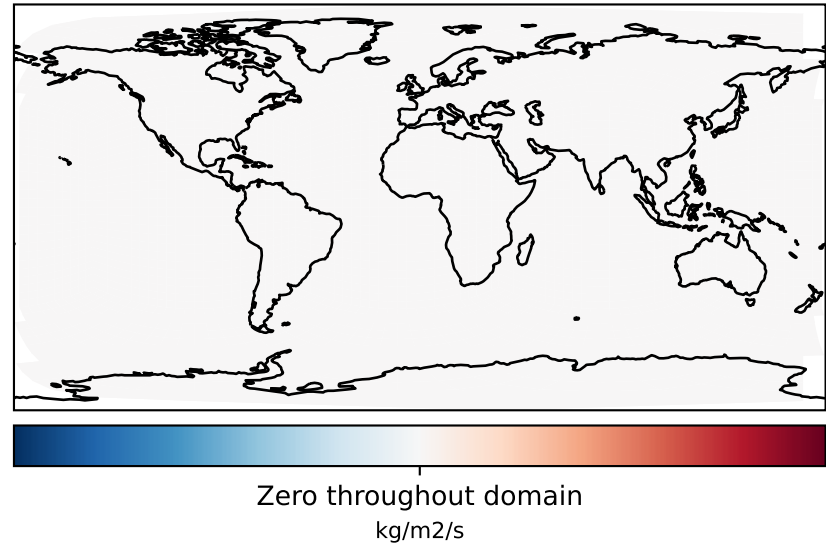
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



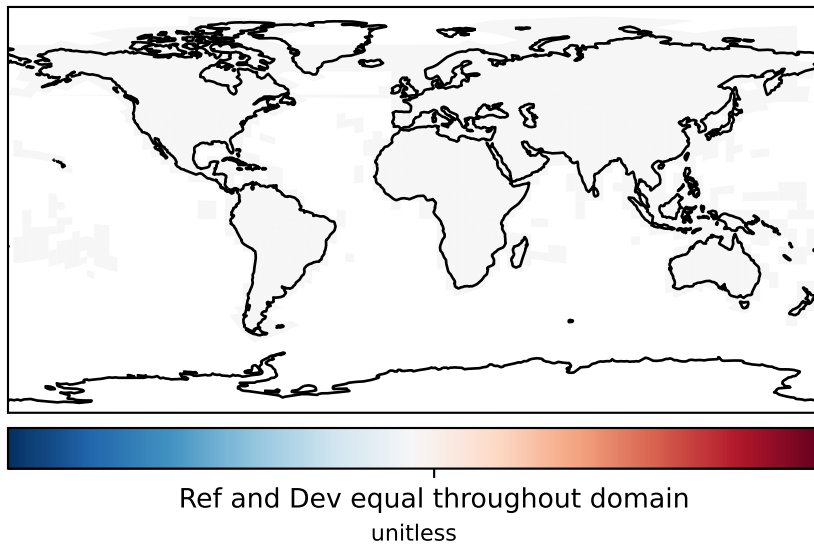
Difference  
Dev - Ref, Dynamic Range



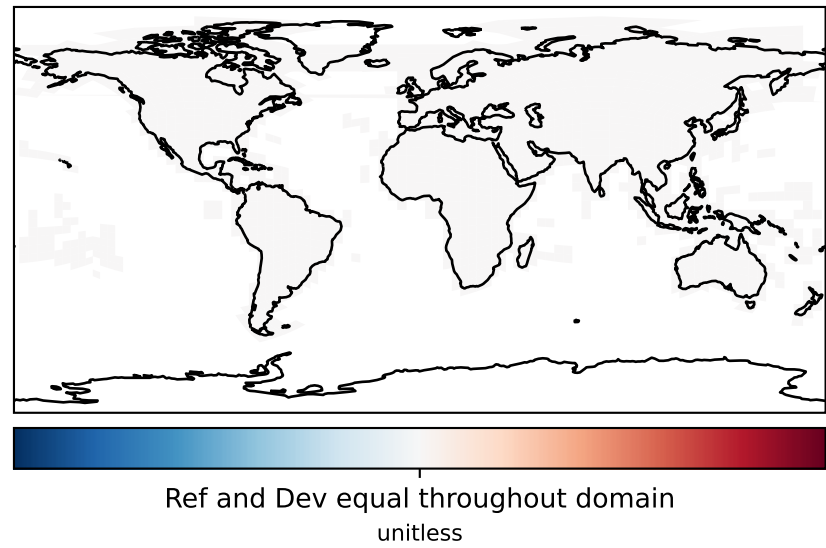
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

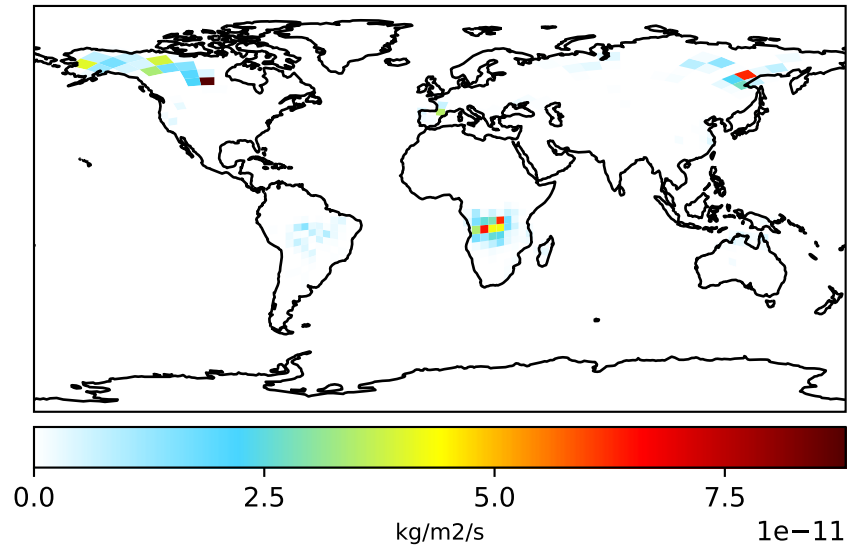


Ratio  
Dev/Ref, Fixed Range

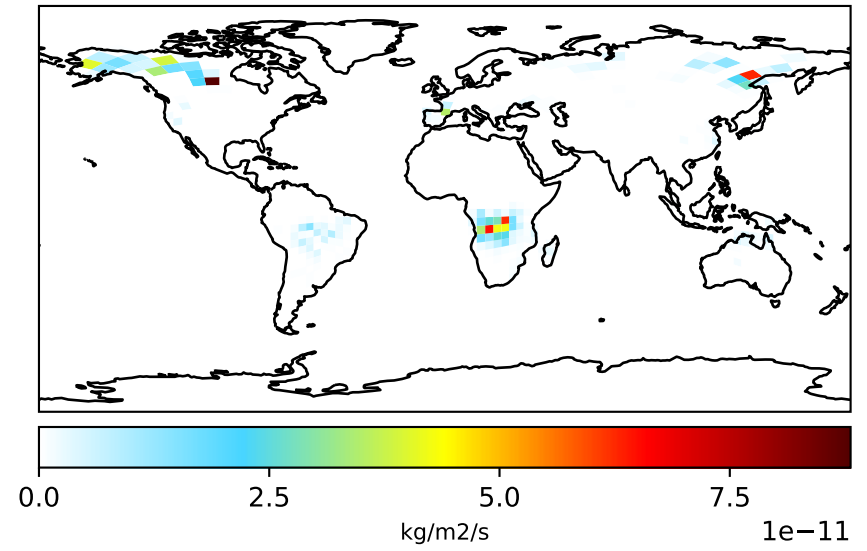


# EmisC2H4\_BioBurn

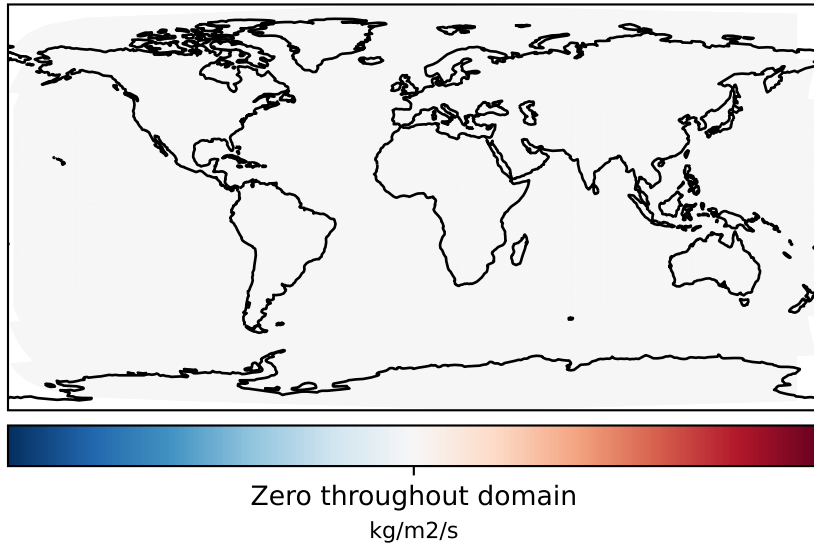
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



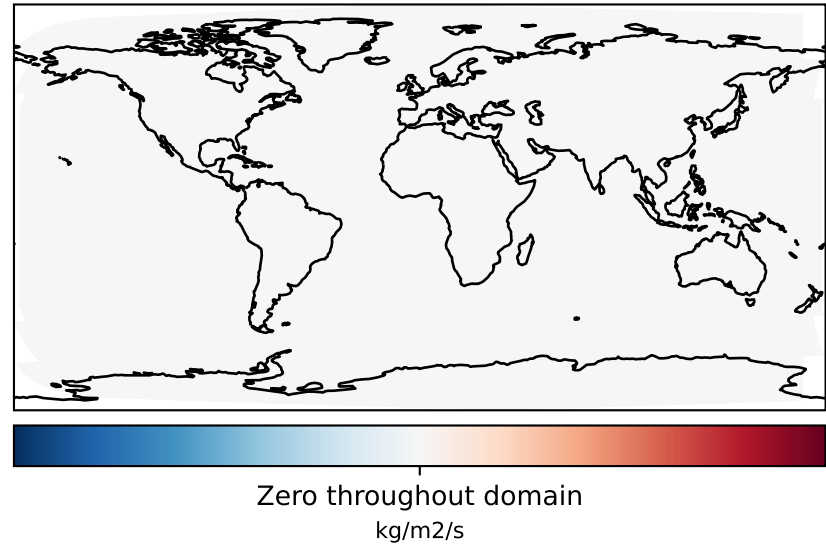
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



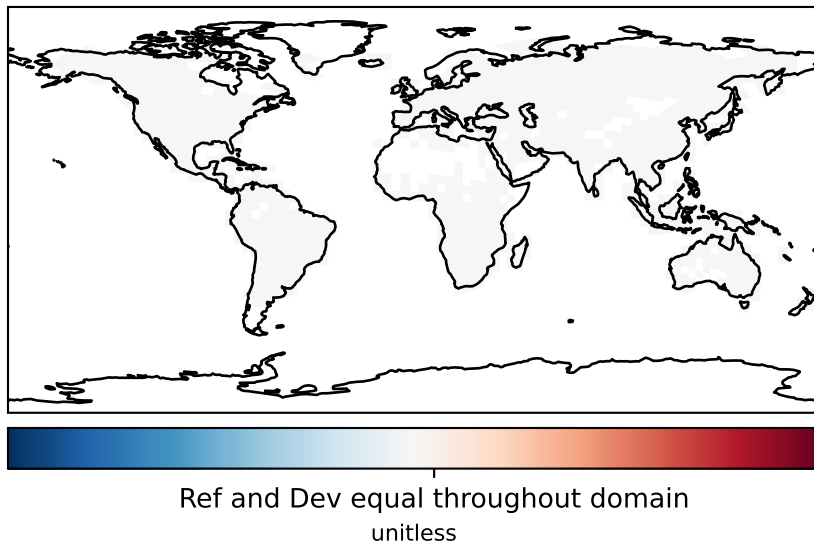
Difference  
Dev - Ref, Dynamic Range



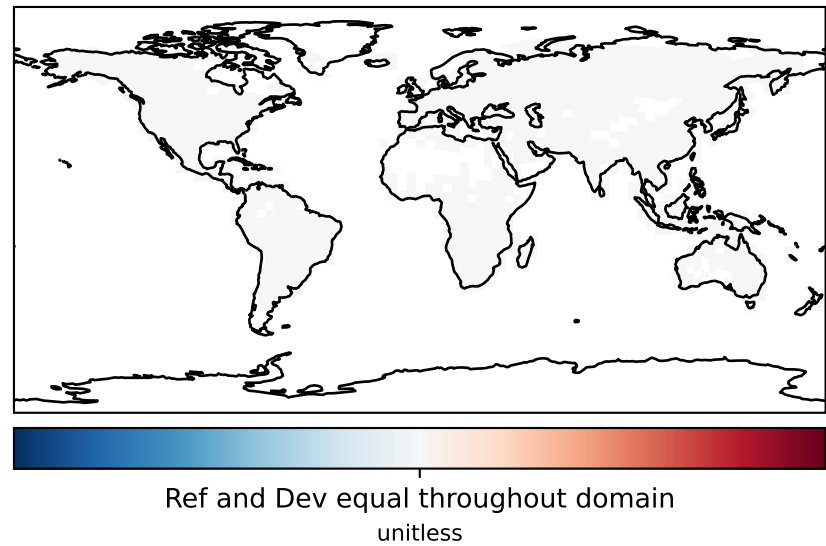
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

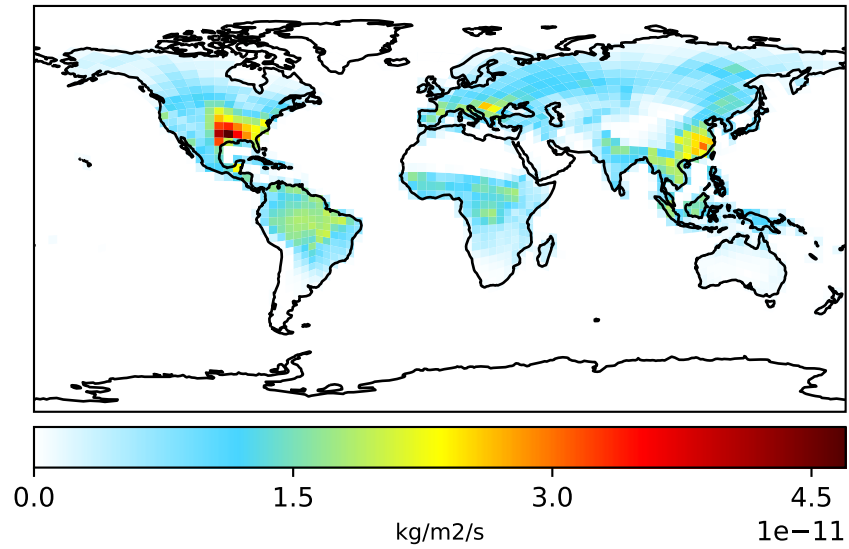


Ratio  
Dev/Ref, Fixed Range

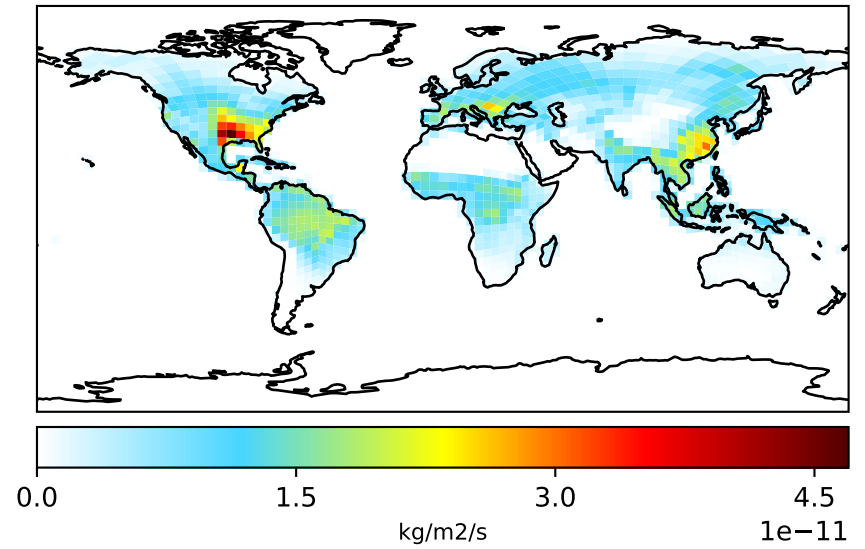


# EmisC2H4\_Biogenic

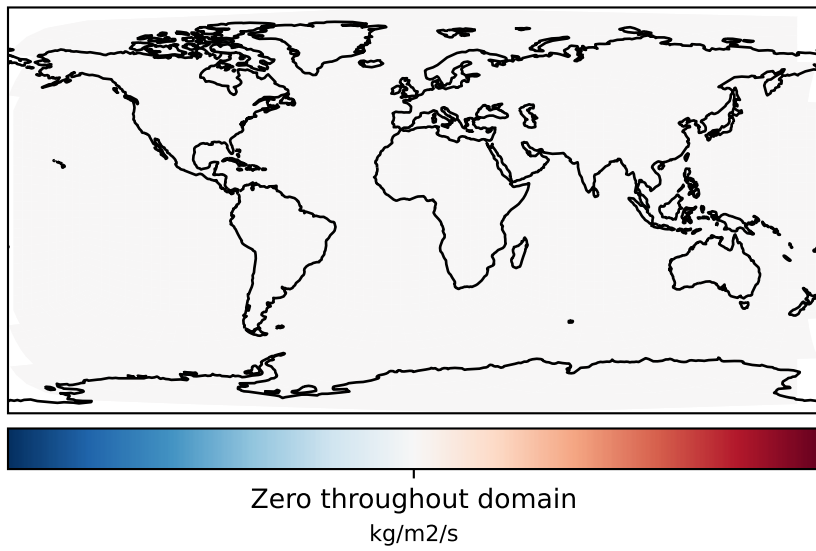
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



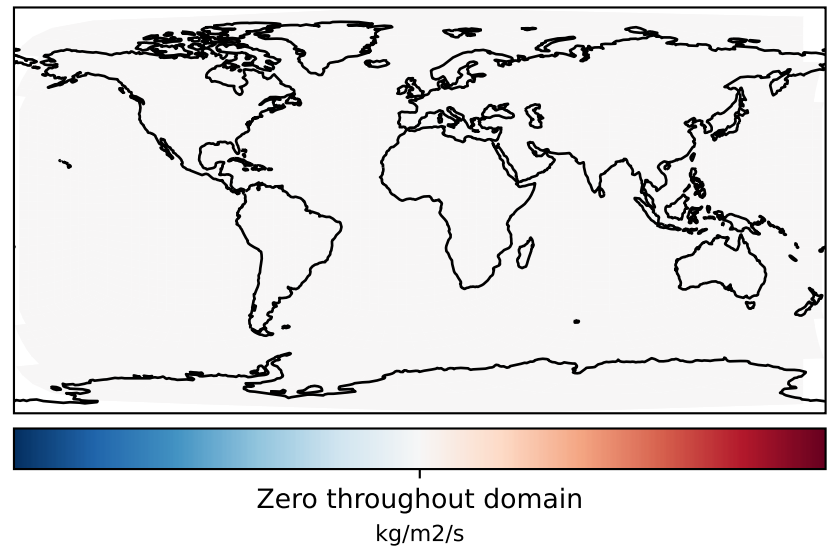
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



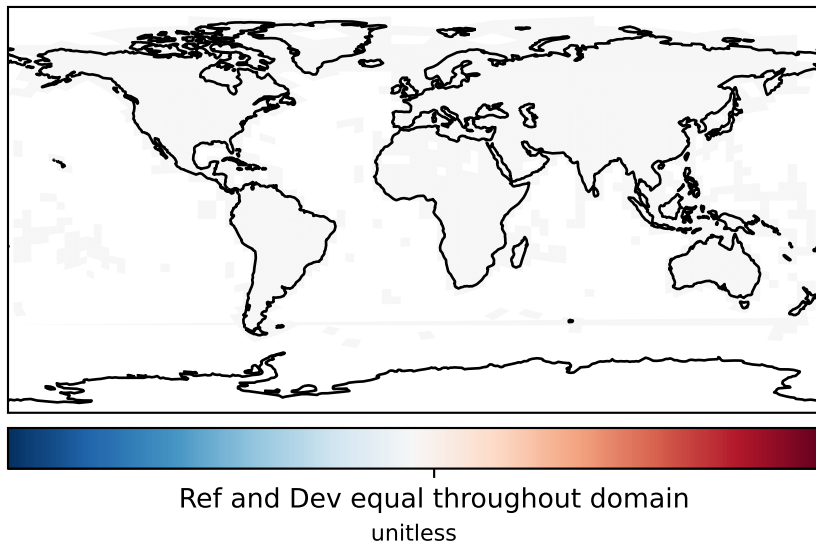
Difference  
Dev - Ref, Dynamic Range



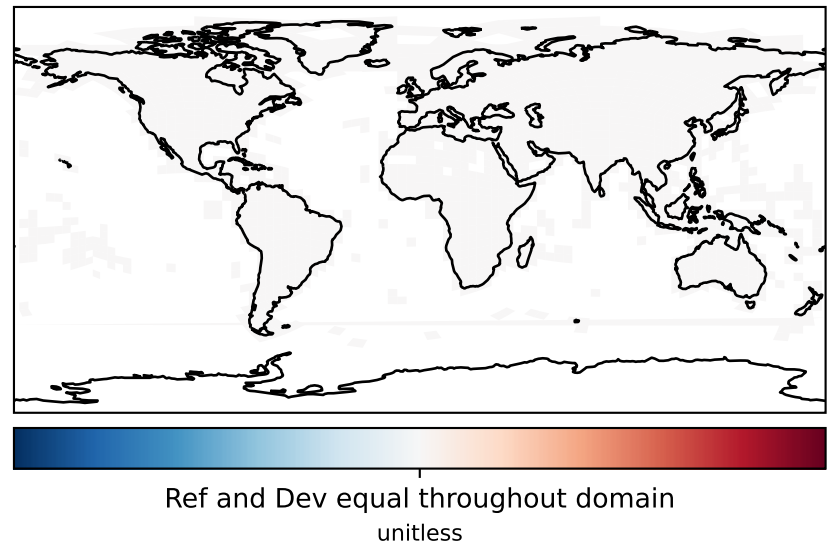
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

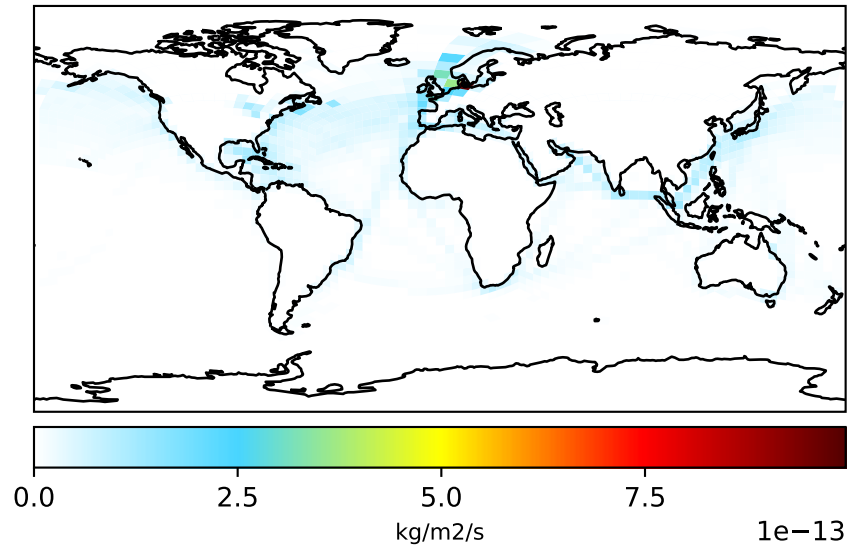


Ratio  
Dev/Ref, Fixed Range

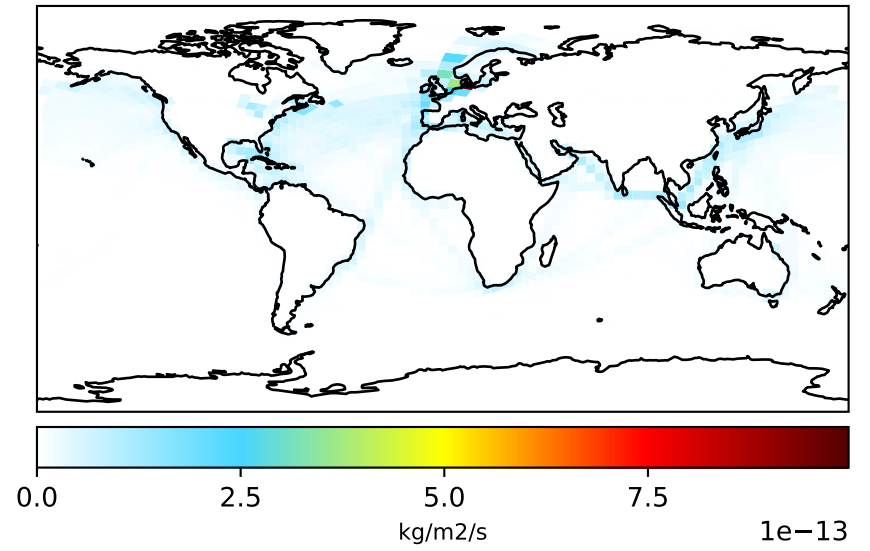


# EmisC2H4\_Ship

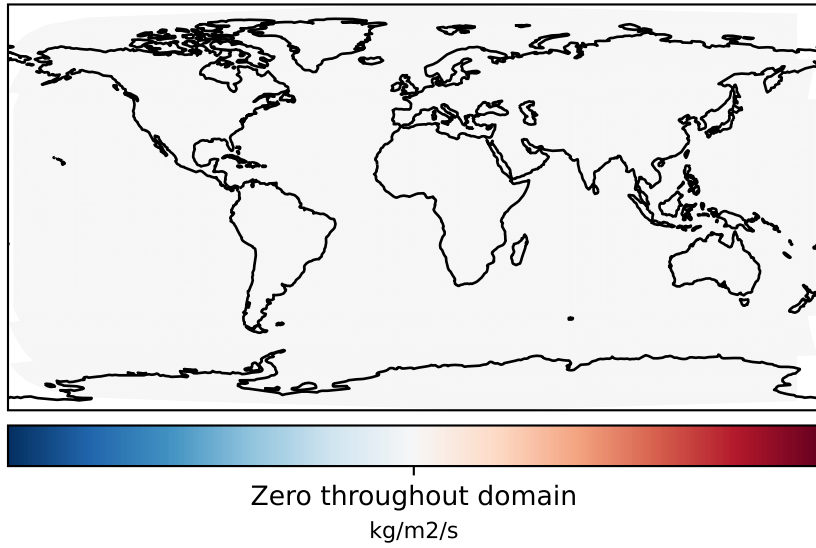
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



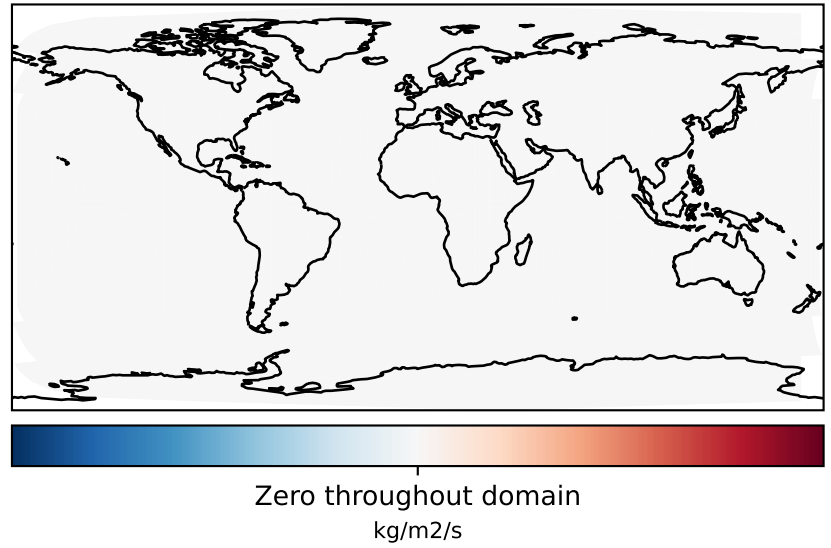
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



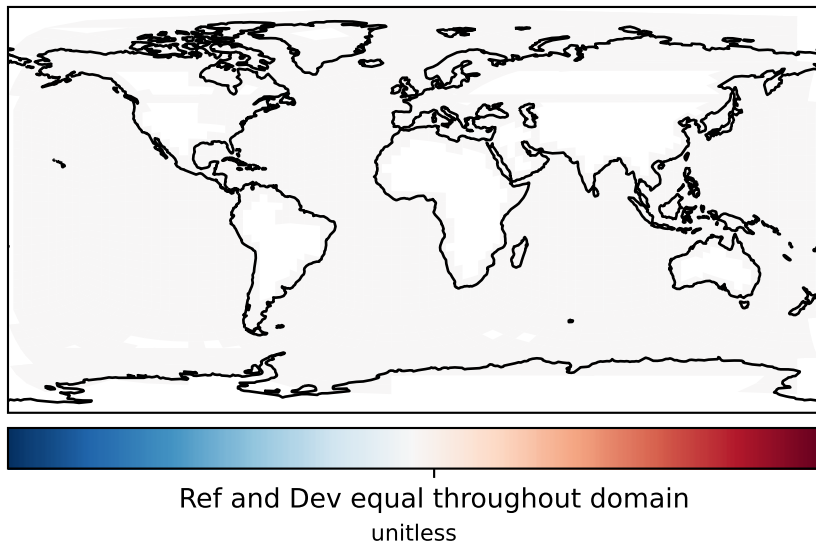
Difference  
Dev - Ref, Dynamic Range



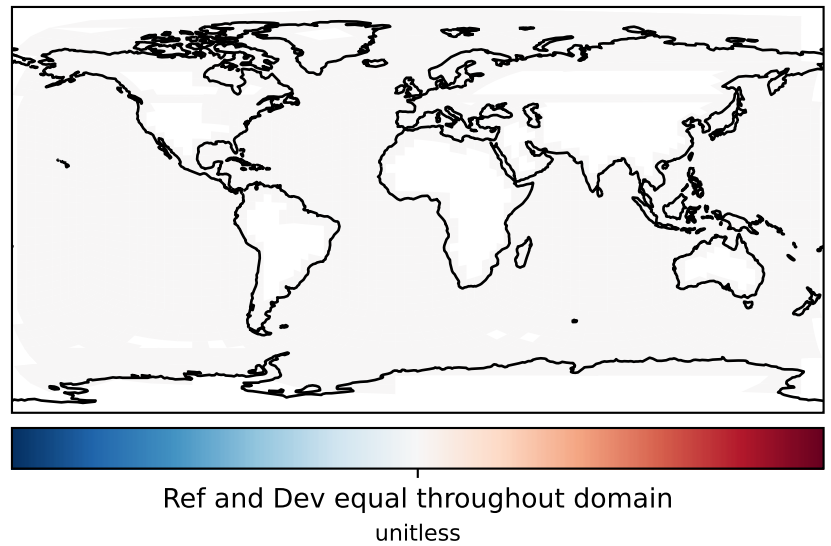
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

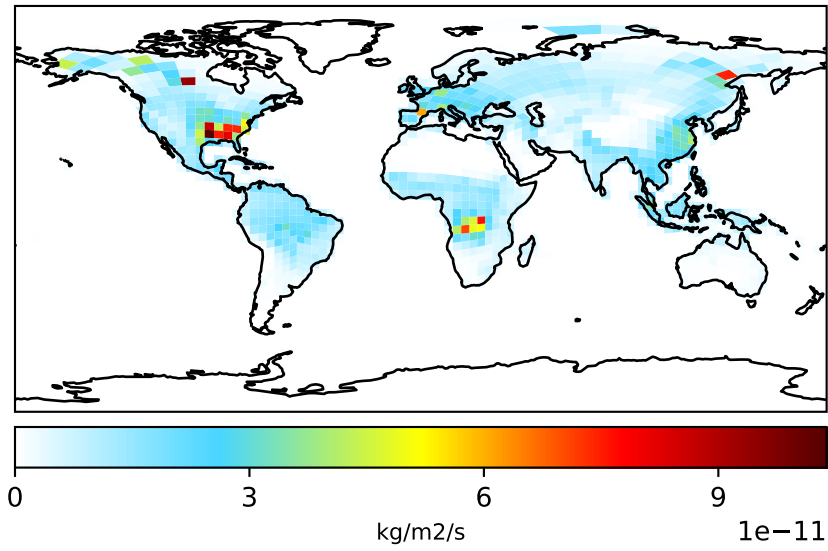


Ratio  
Dev/Ref, Fixed Range

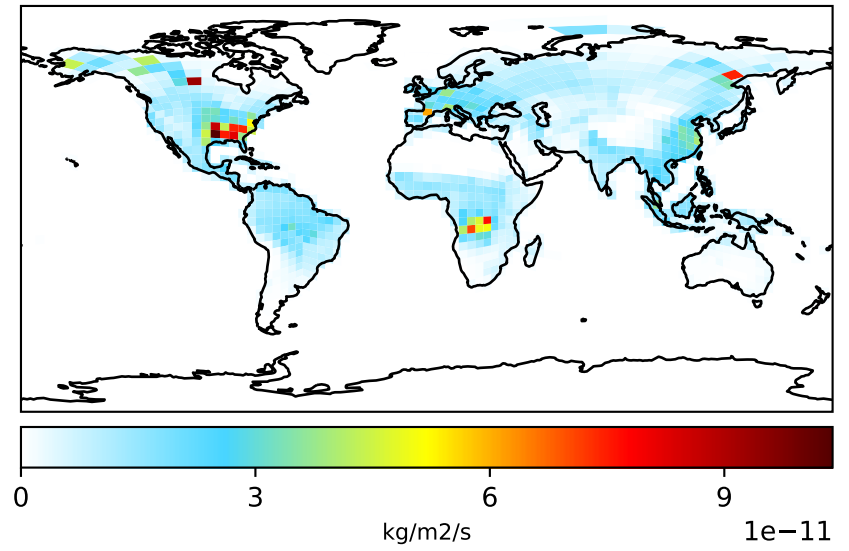


# EmisC2H4\_Total

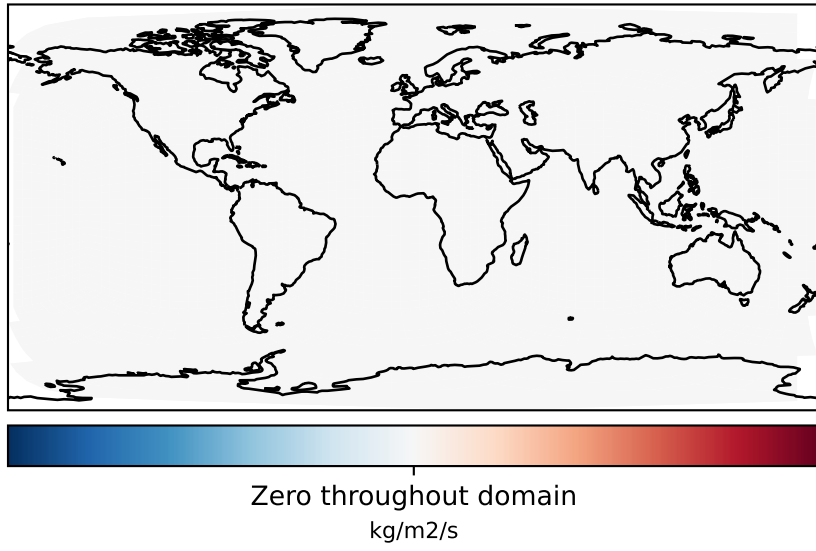
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



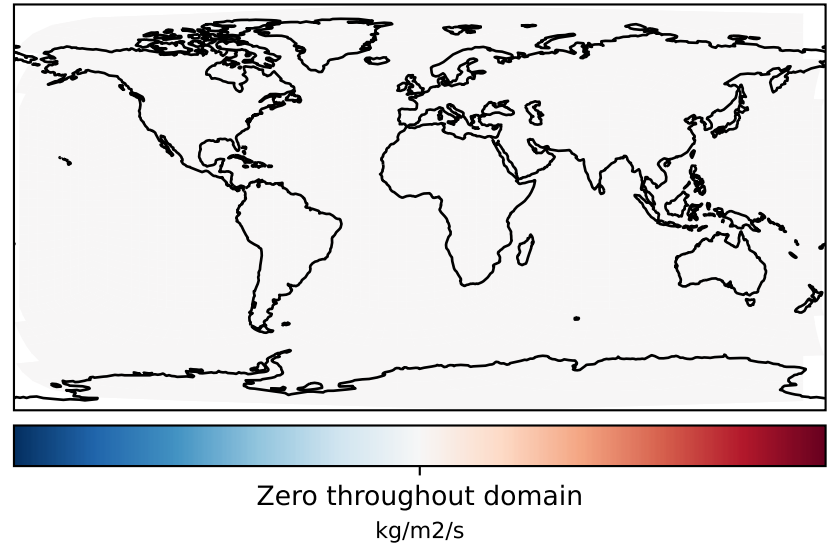
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



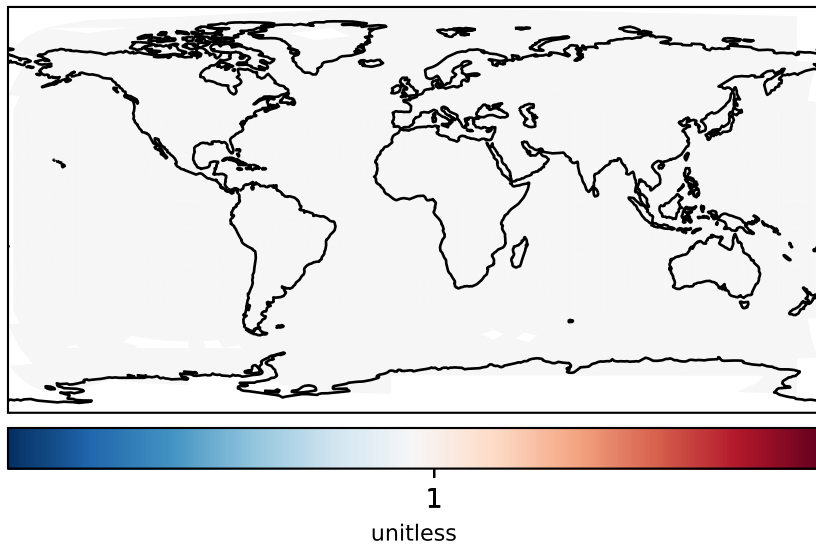
Difference  
Dev - Ref, Dynamic Range



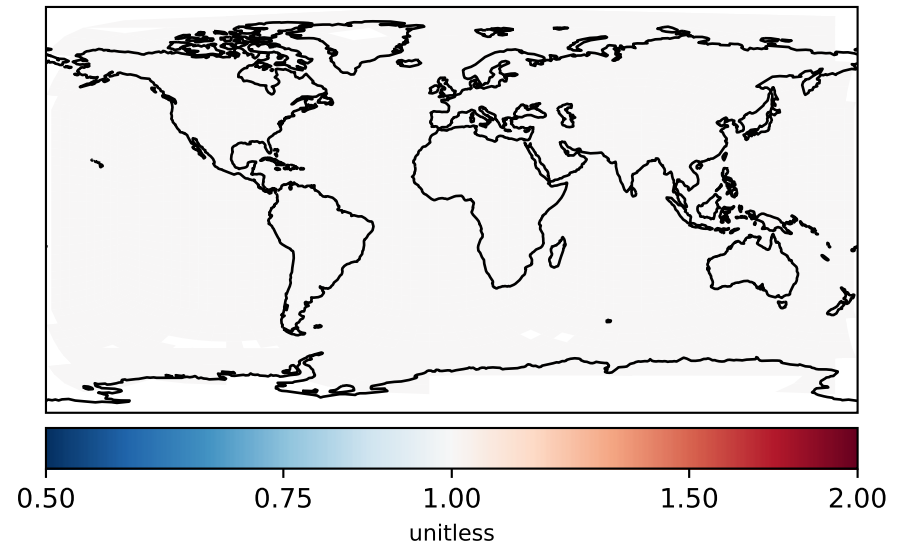
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

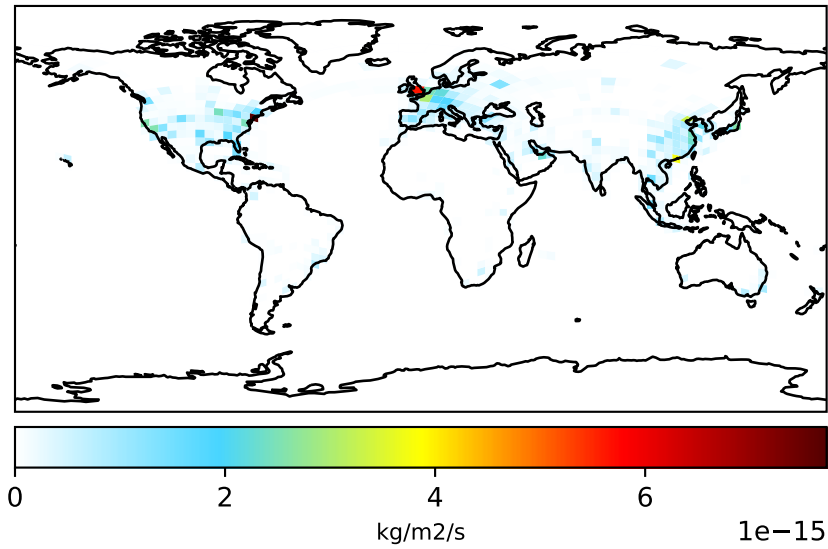


Ratio  
Dev/Ref, Fixed Range

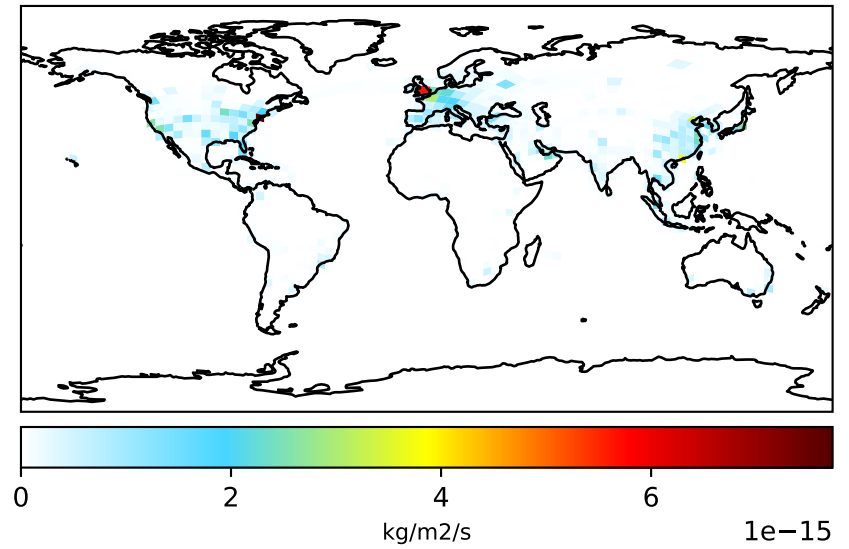


# EmisC2H6\_Aircraft

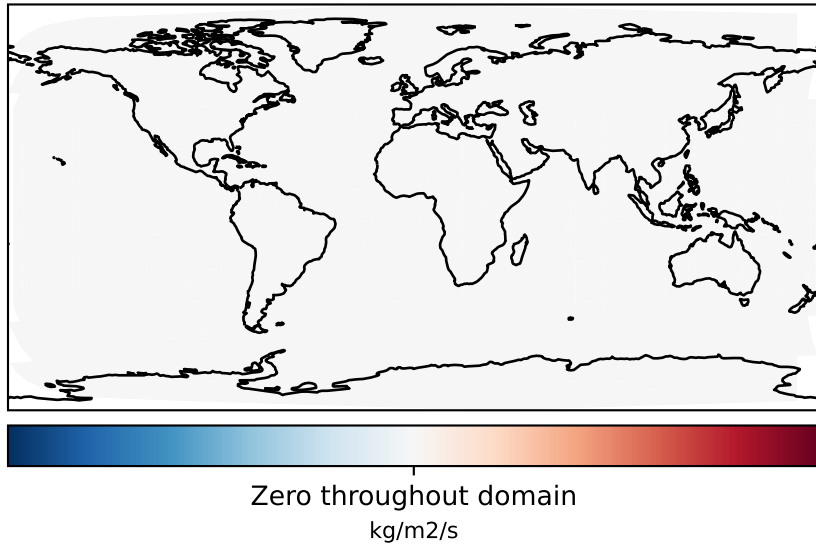
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



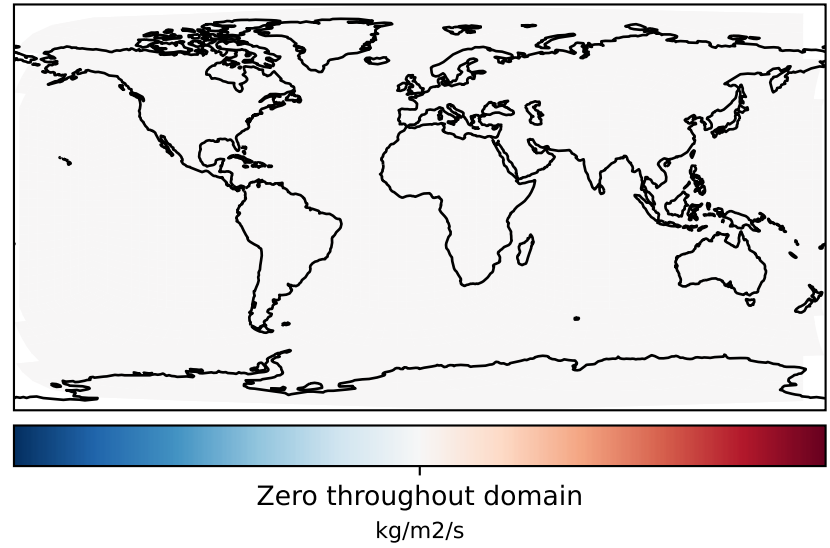
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



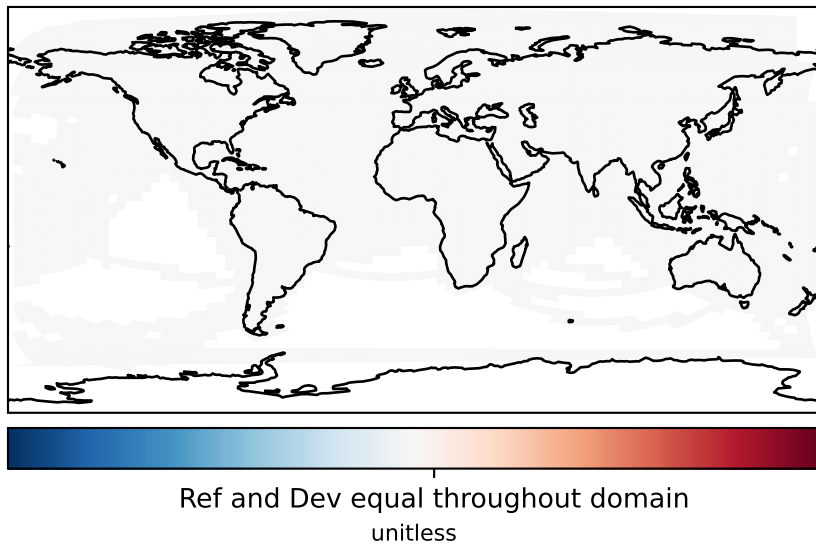
Difference  
Dev - Ref, Dynamic Range



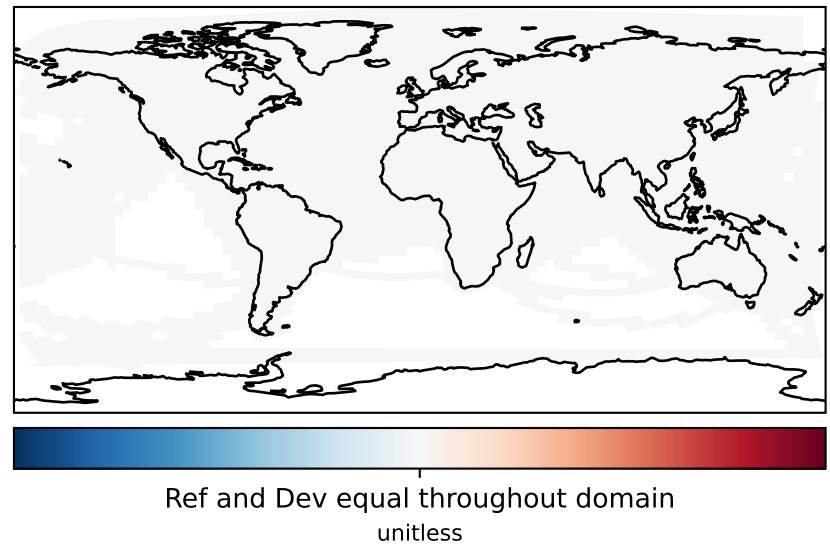
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



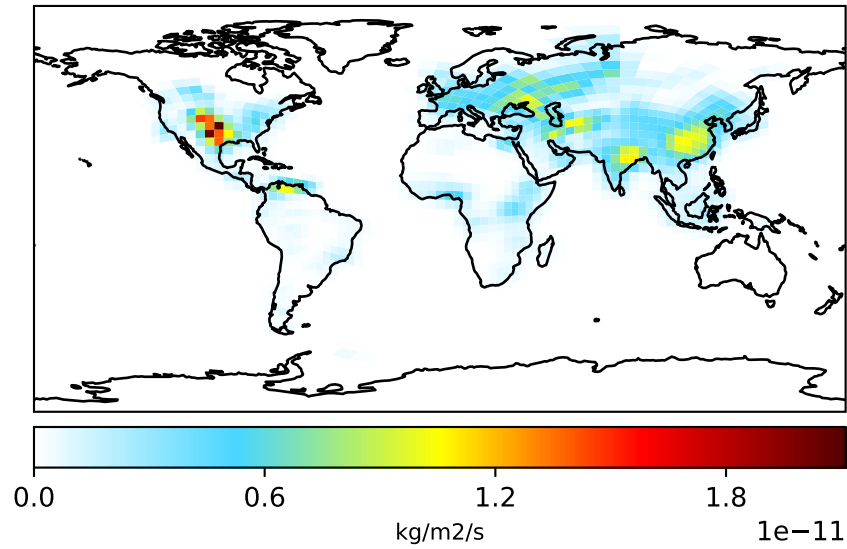
Ratio  
Dev/Ref, Fixed Range



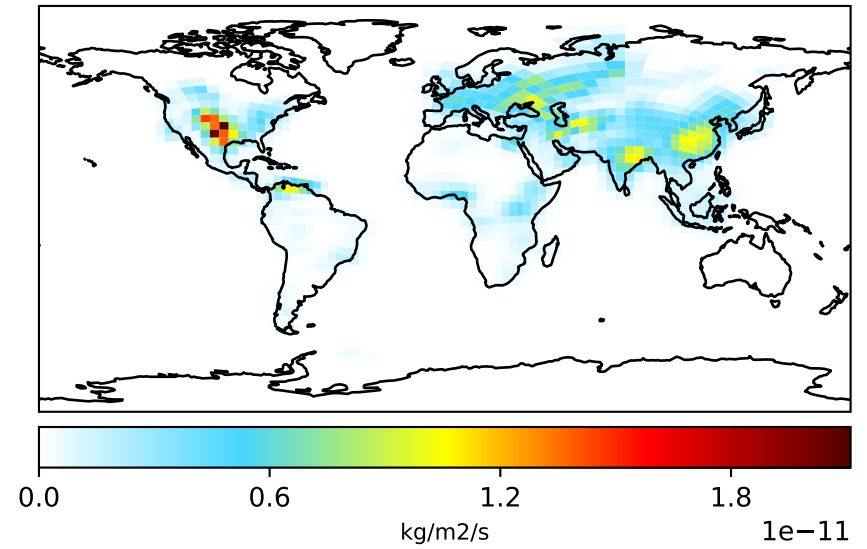


# EmisC2H6\_Anthro

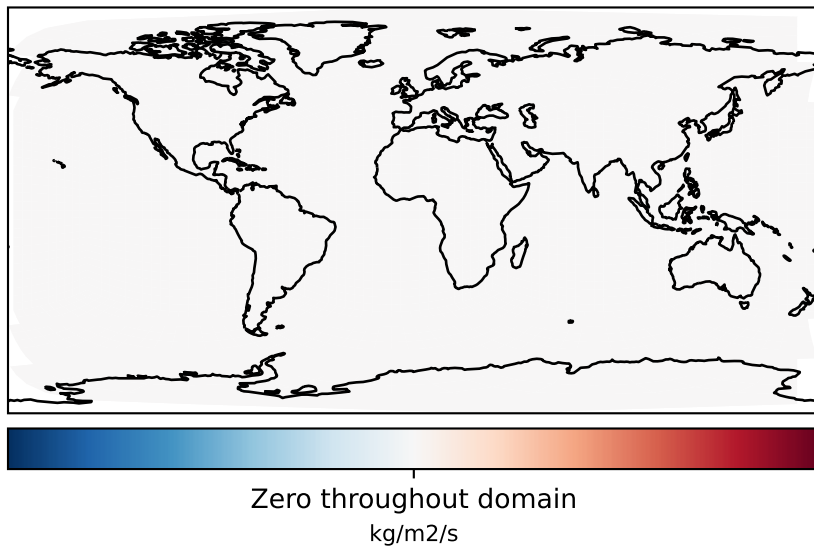
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



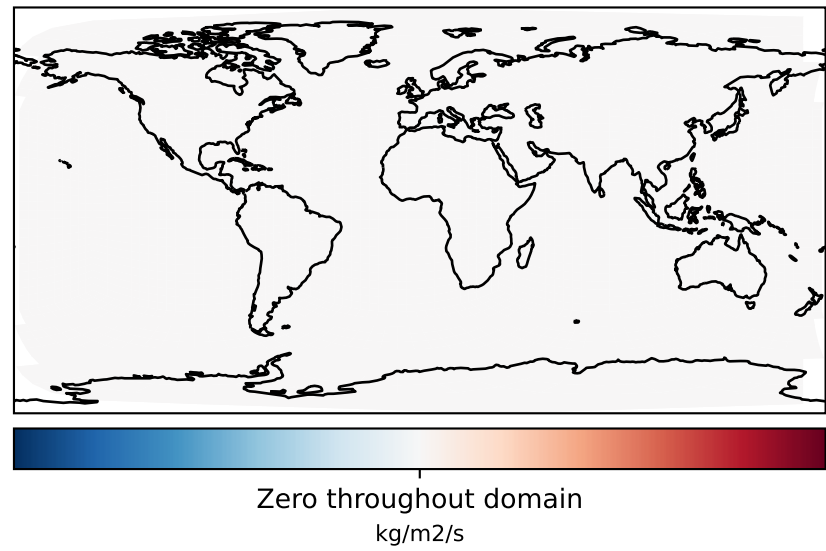
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



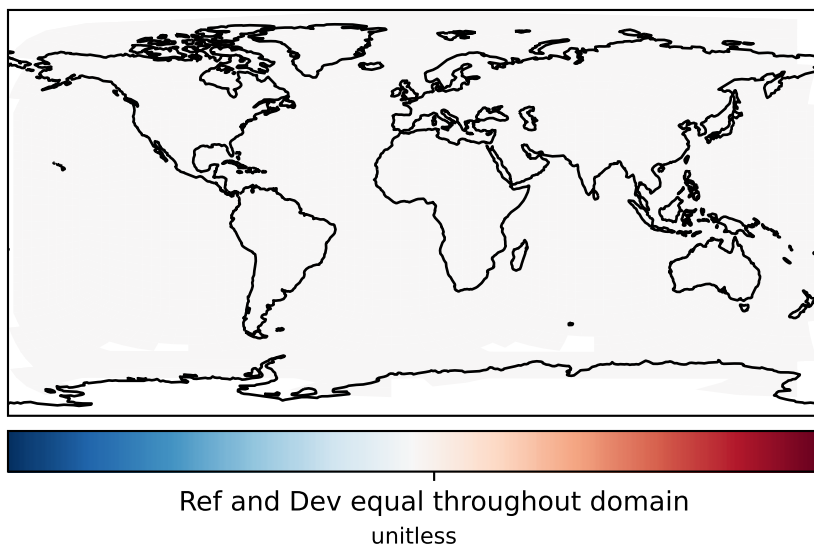
Difference  
Dev - Ref, Dynamic Range



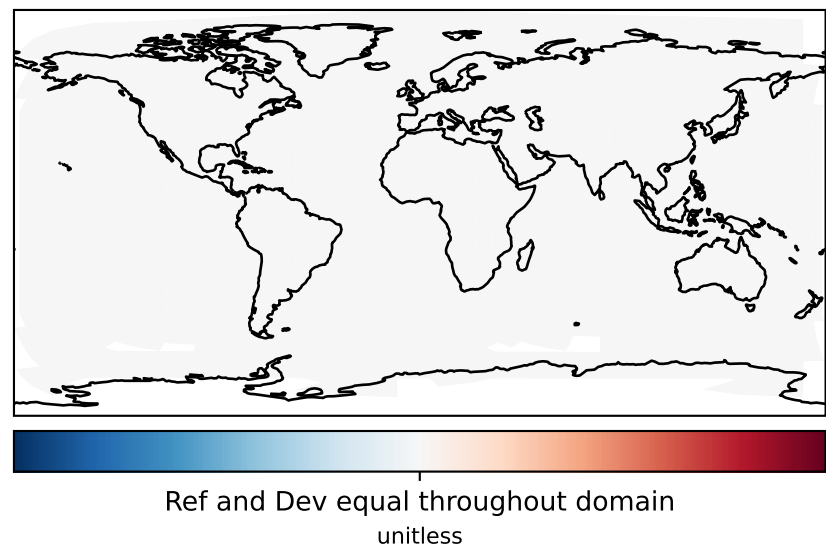
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

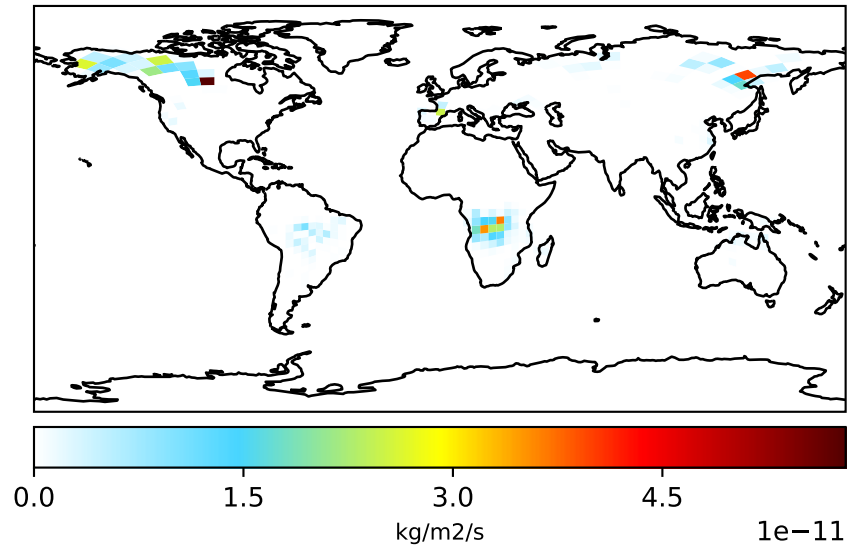


Ratio  
Dev/Ref, Fixed Range

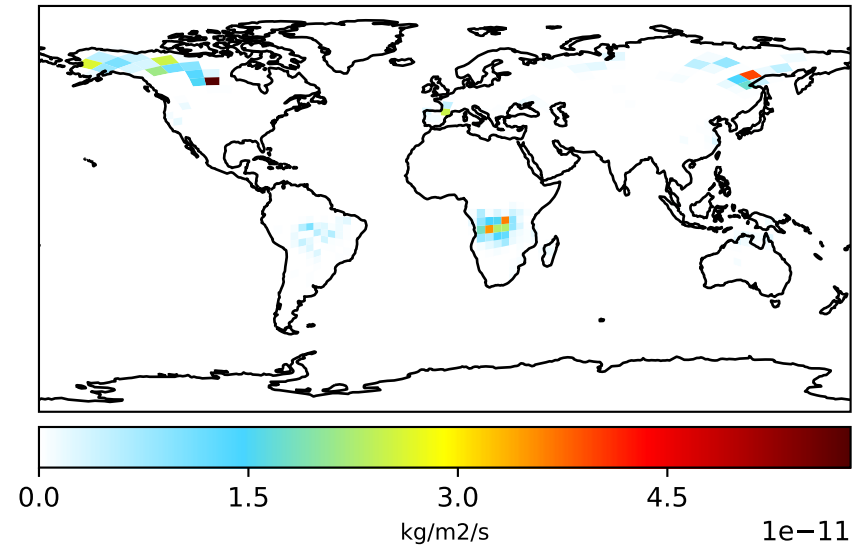


# EmisC2H6\_BioBurn

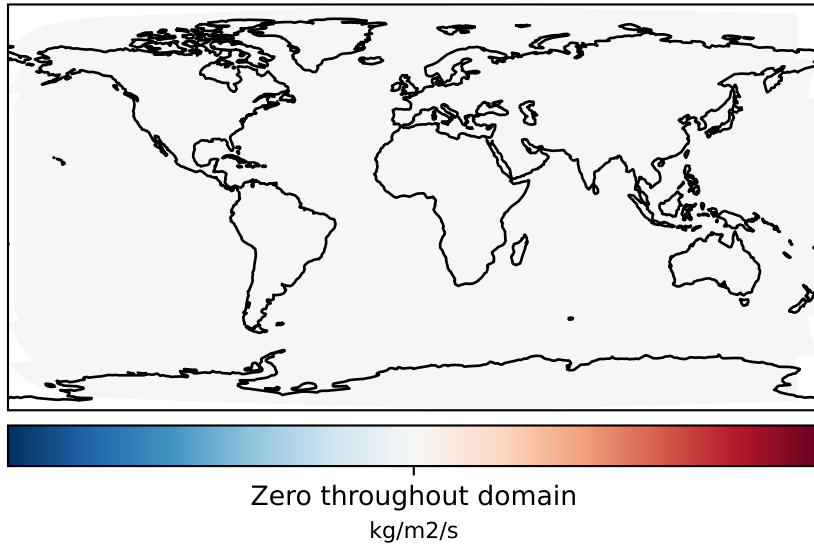
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



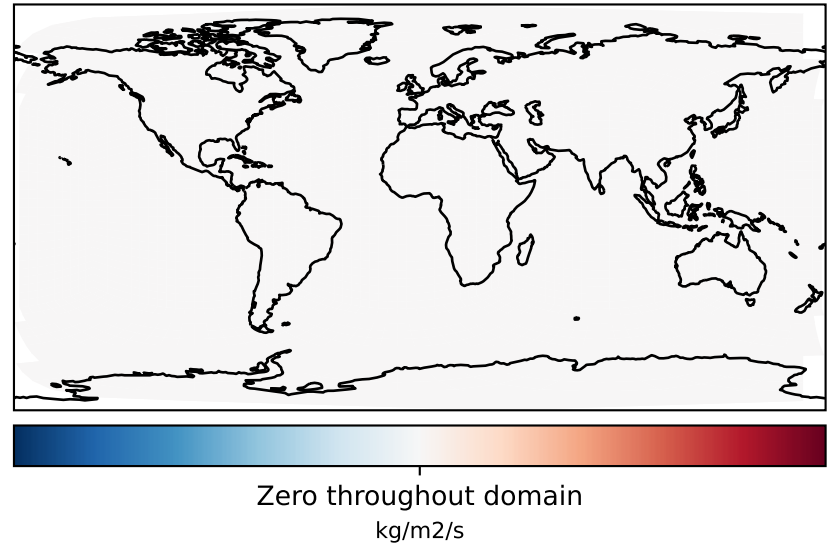
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



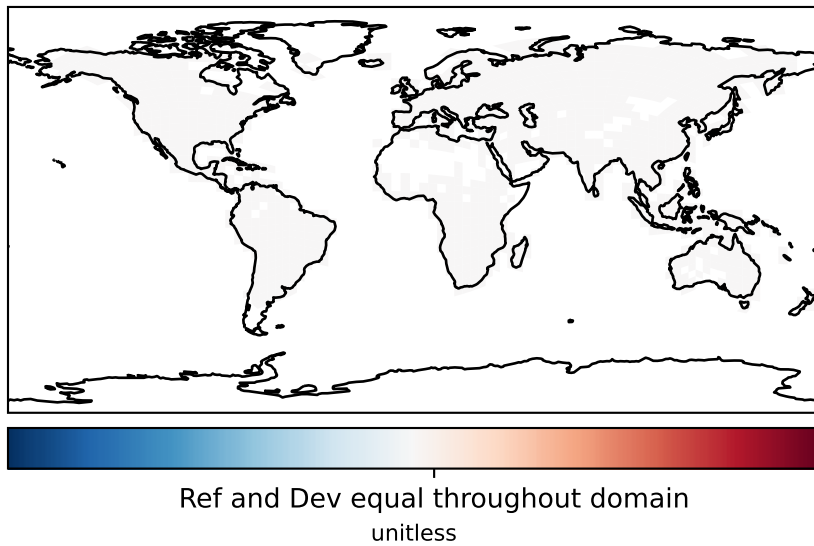
Difference  
Dev - Ref, Dynamic Range



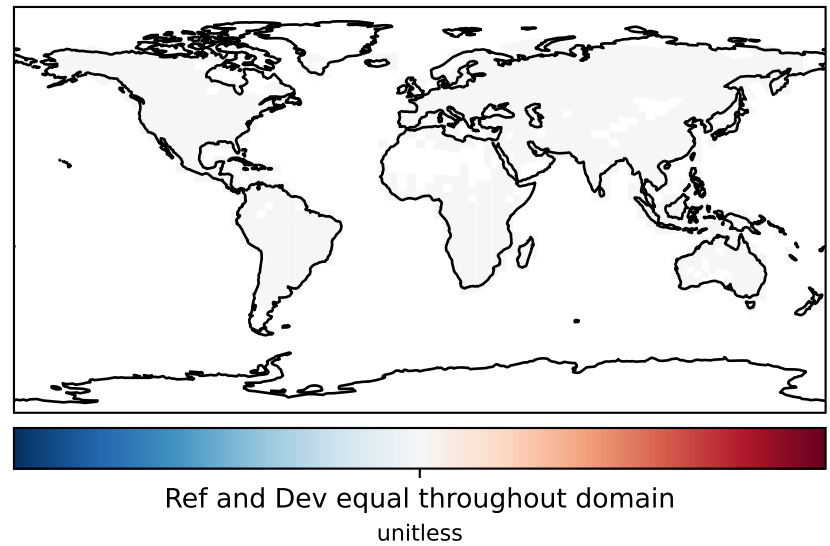
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

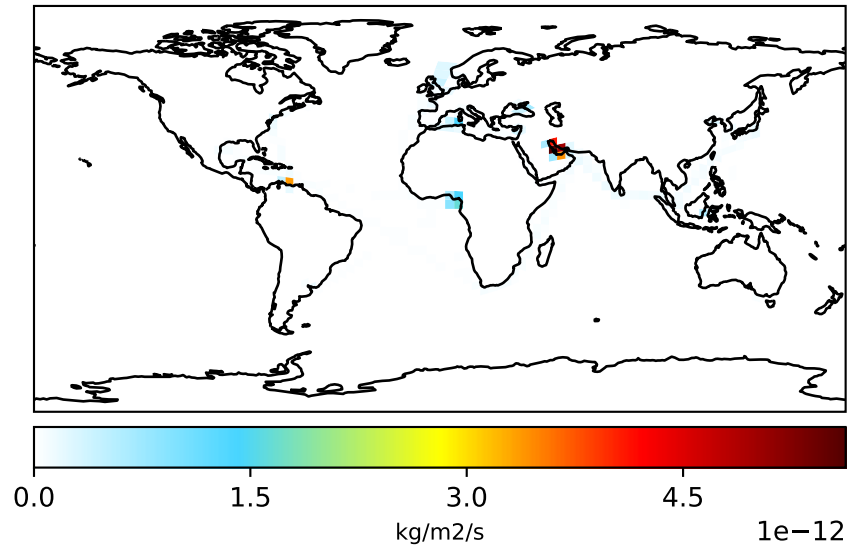


Ratio  
Dev/Ref, Fixed Range

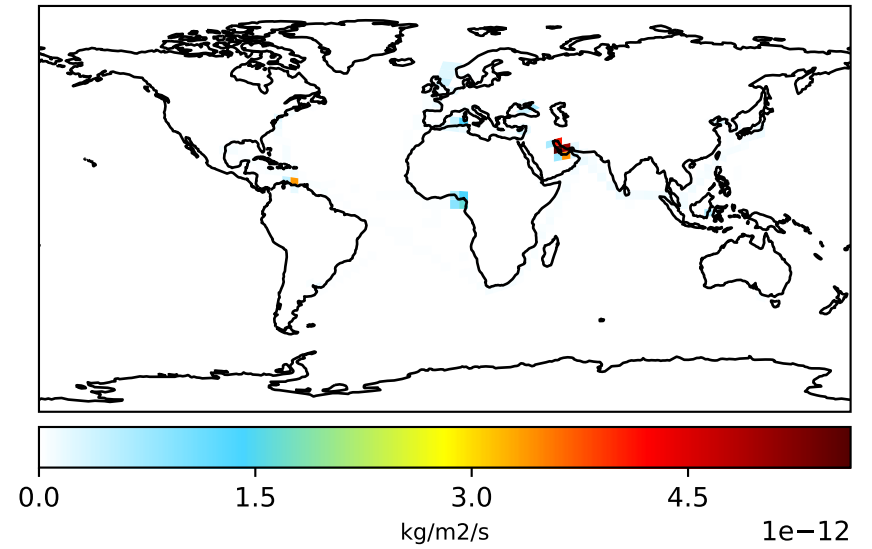


# EmisC2H6\_Ship

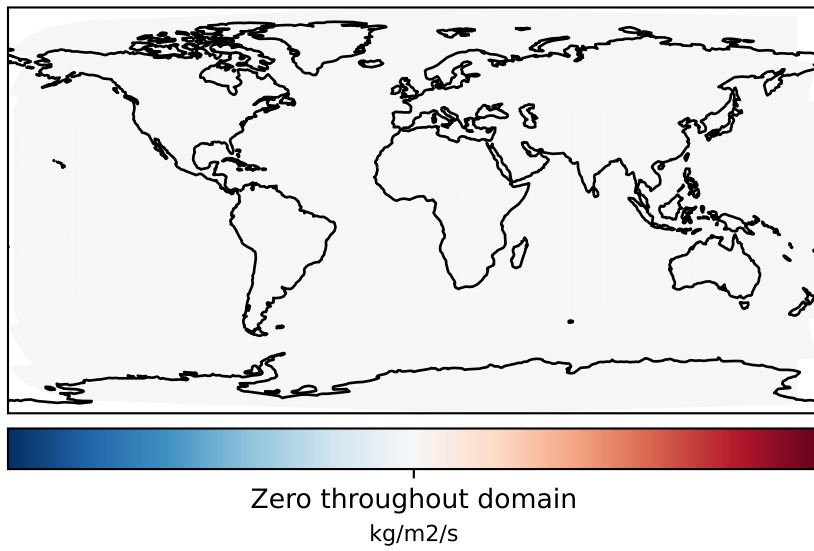
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



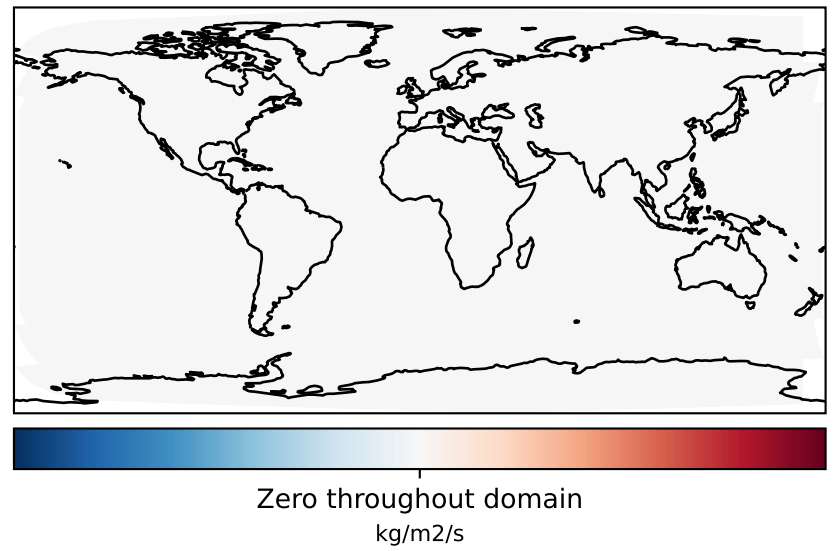
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



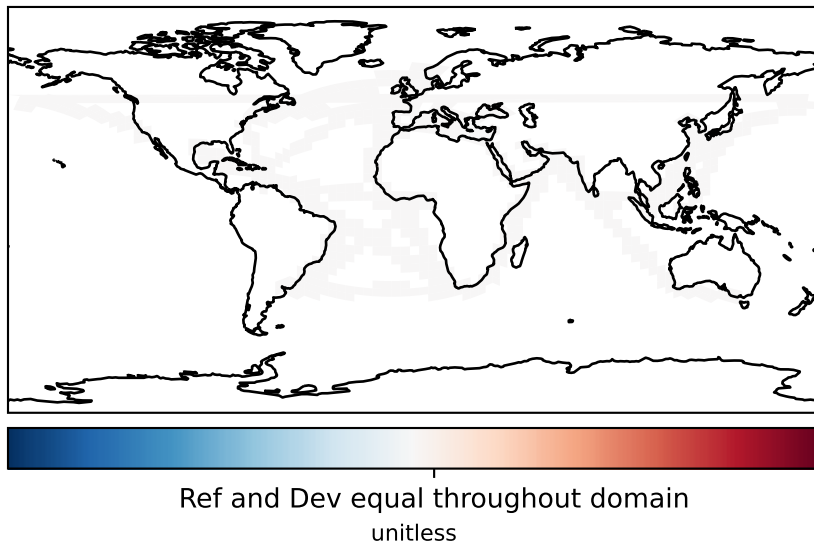
Difference  
Dev - Ref, Dynamic Range



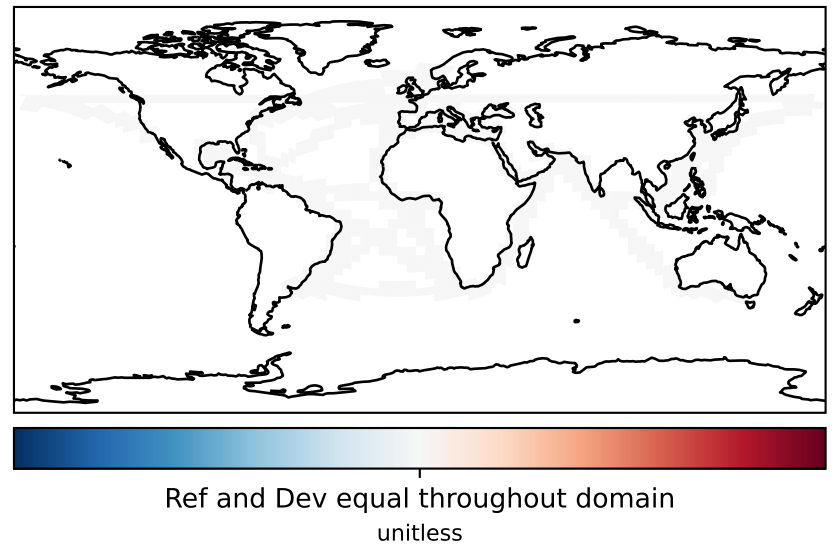
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

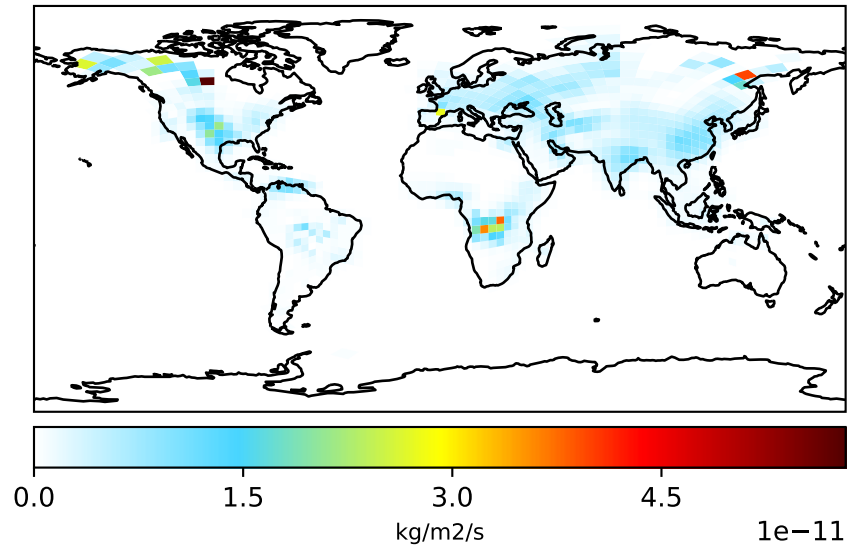


Ratio  
Dev/Ref, Fixed Range

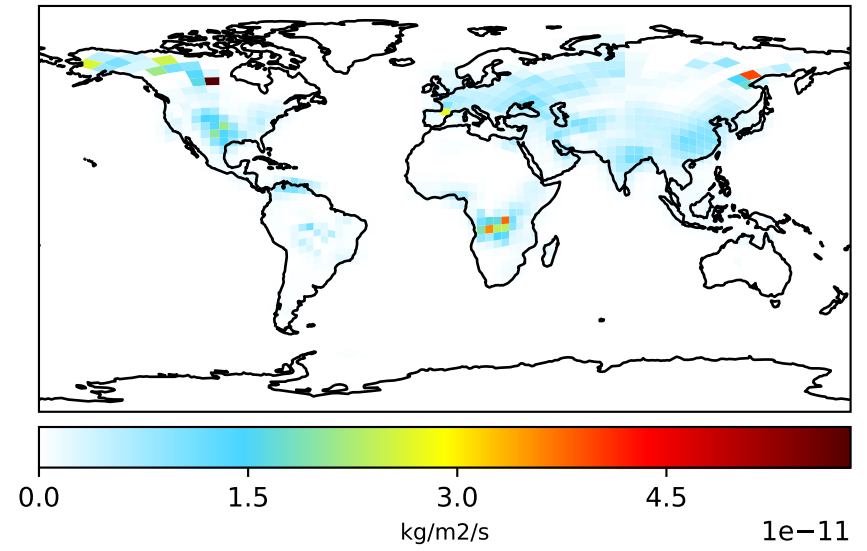


# EmisC2H6\_Total

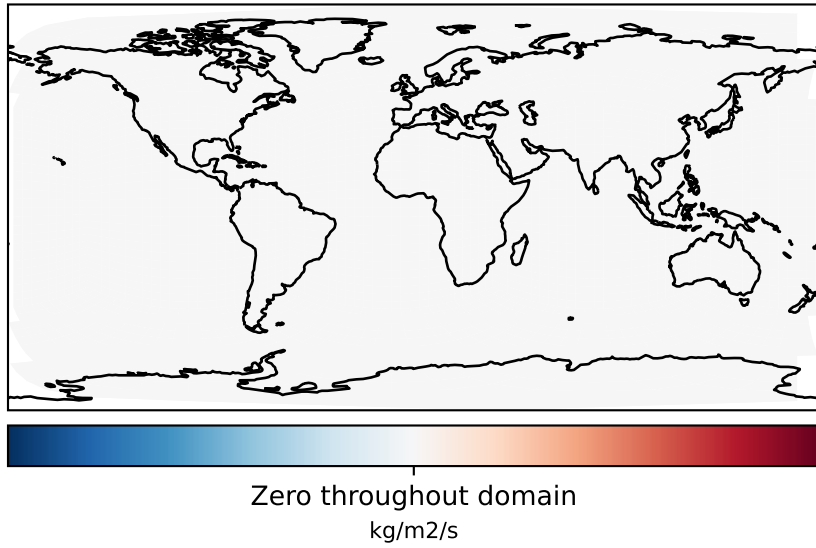
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



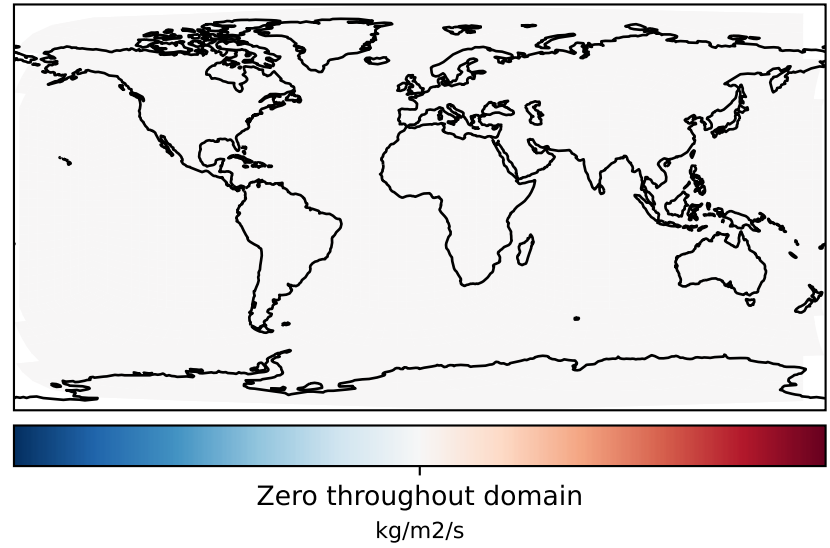
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



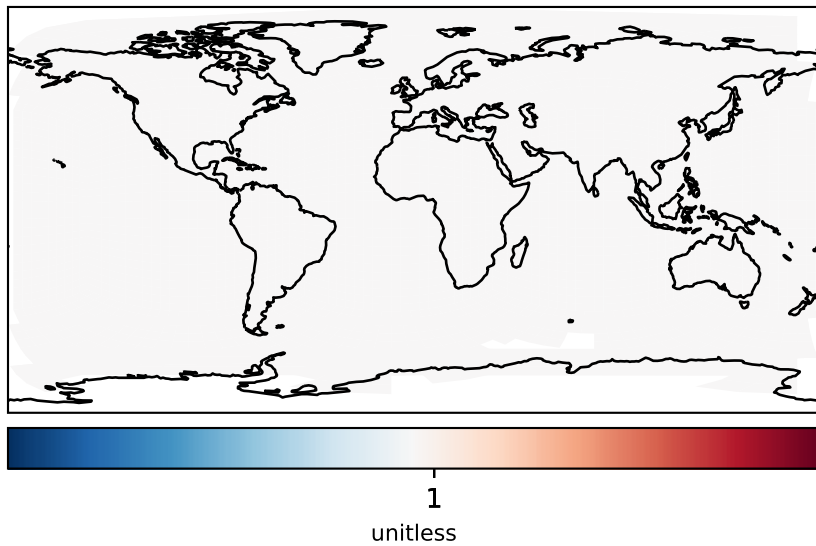
Difference  
Dev - Ref, Dynamic Range



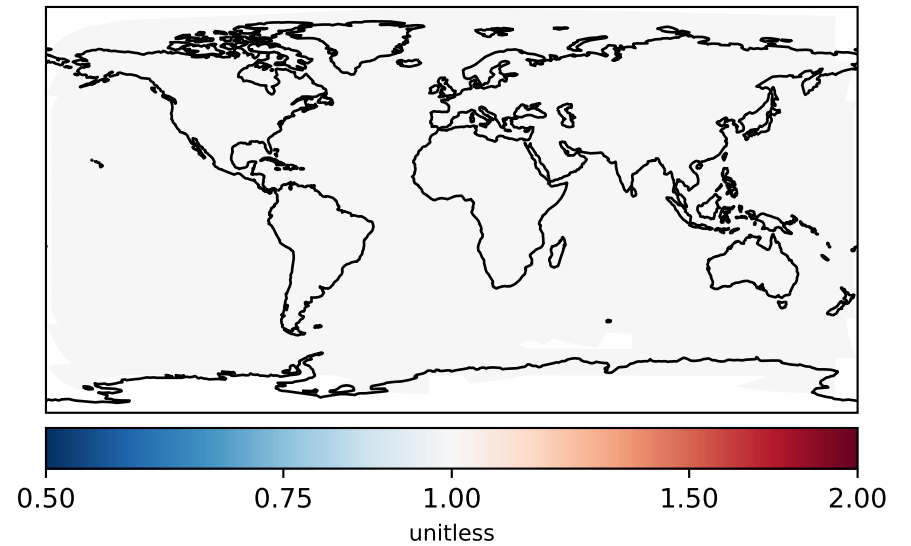
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

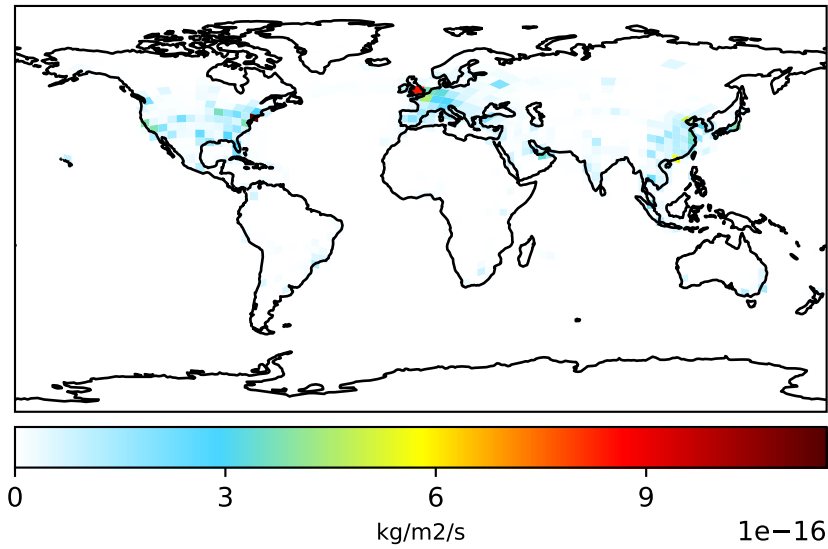


Ratio  
Dev/Ref, Fixed Range

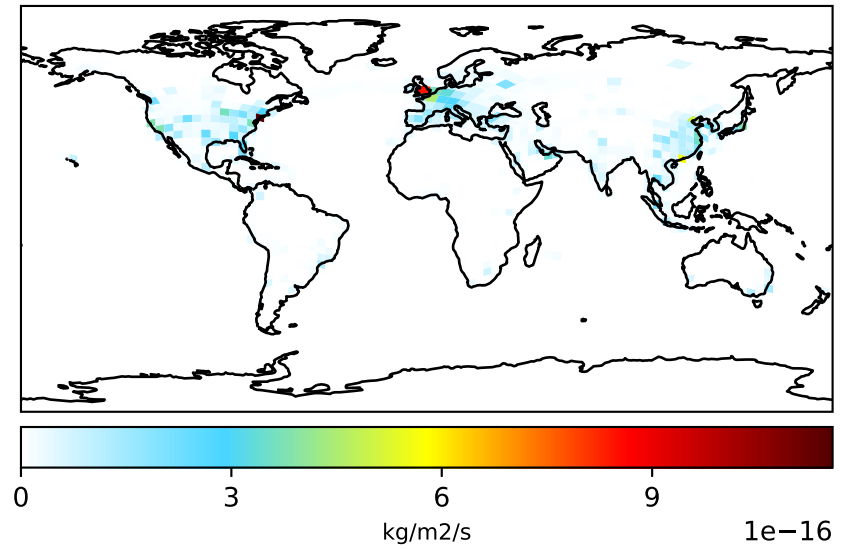


# EmisC3H8\_Aircraft

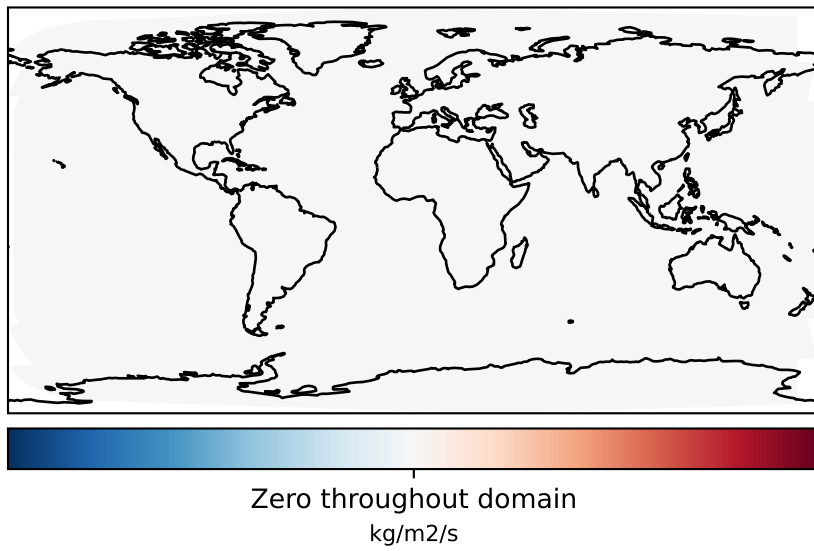
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



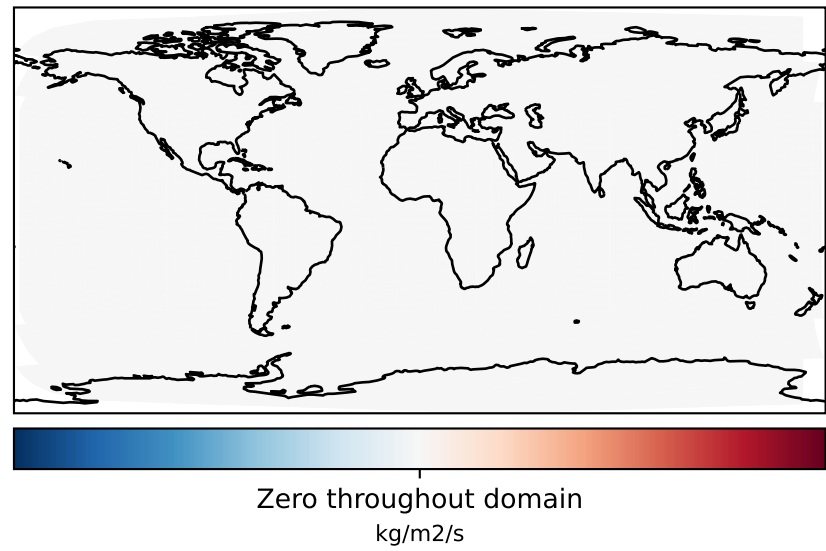
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



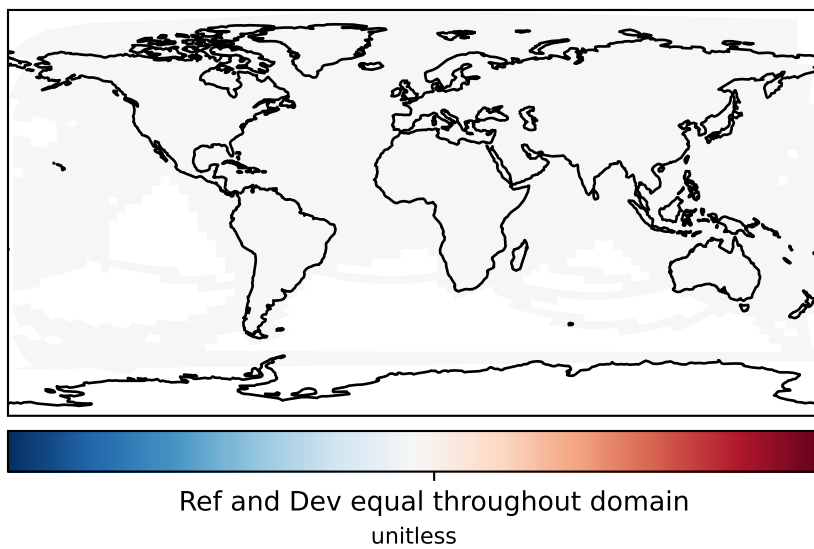
Difference  
Dev - Ref, Dynamic Range



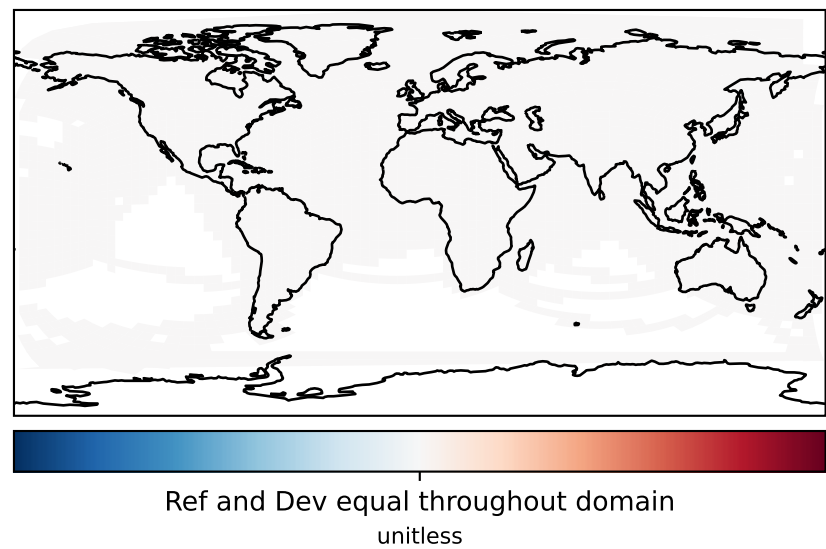
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

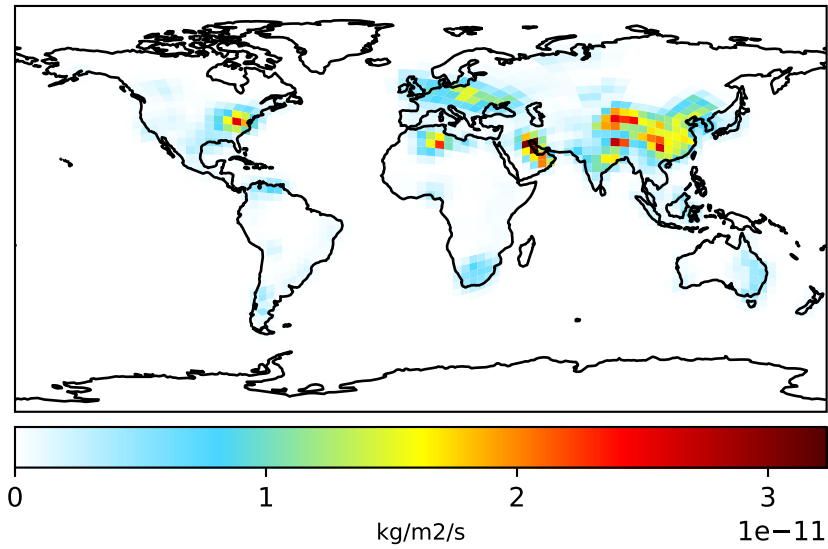


Ratio  
Dev/Ref, Fixed Range

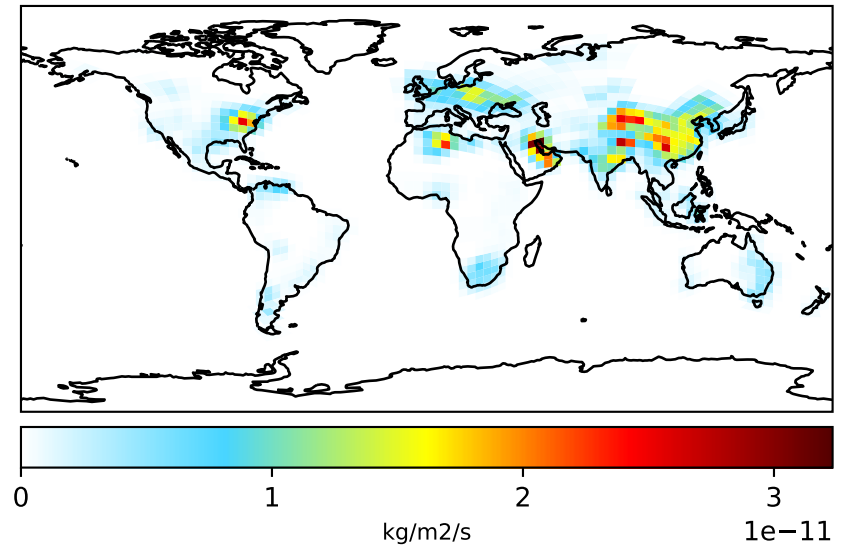


# EmisC3H8\_Anthro

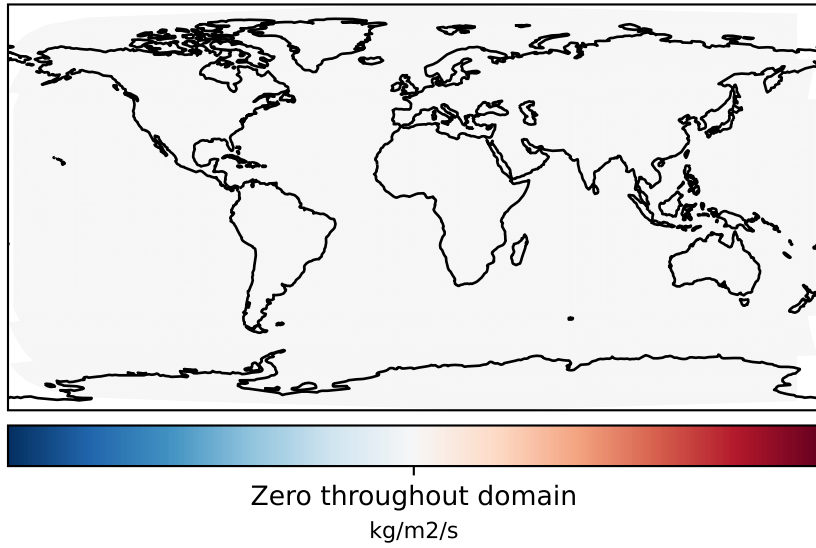
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



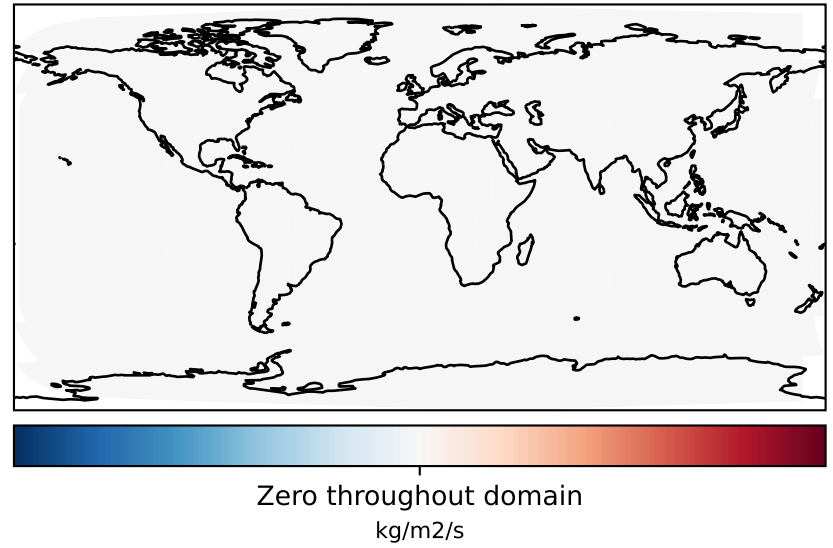
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



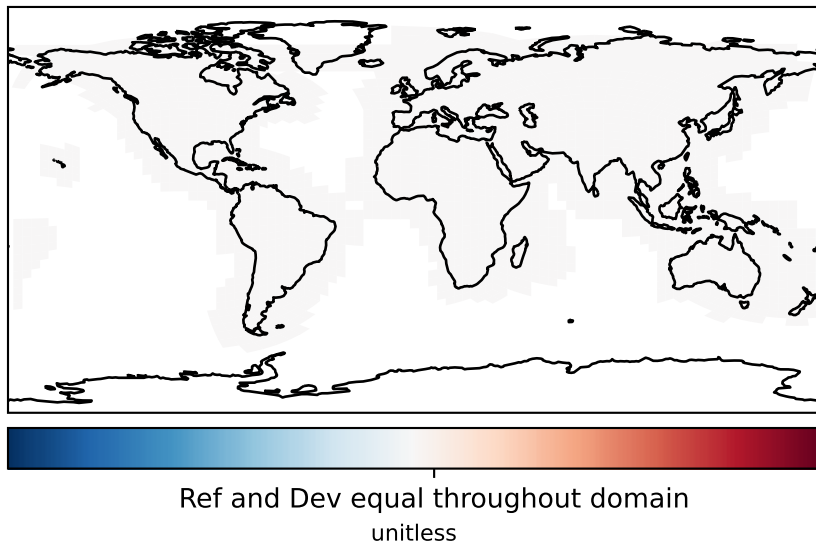
Difference  
Dev - Ref, Dynamic Range



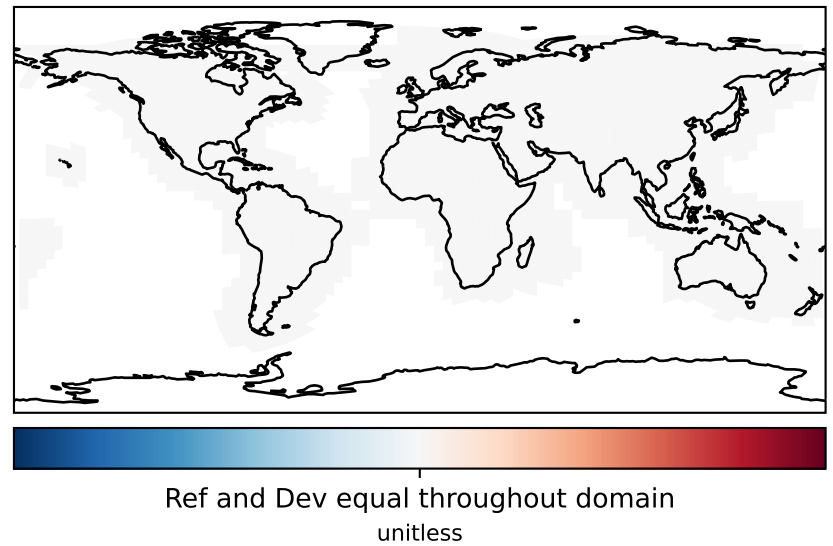
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

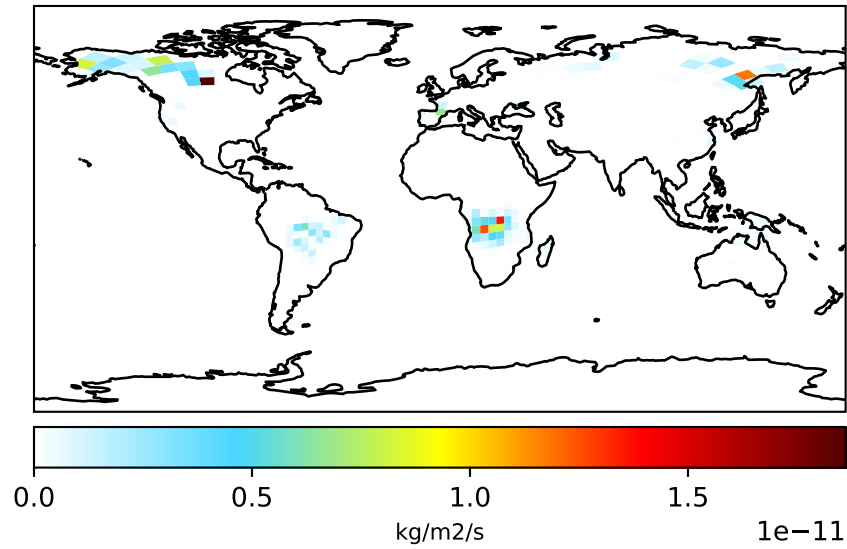


Ratio  
Dev/Ref, Fixed Range

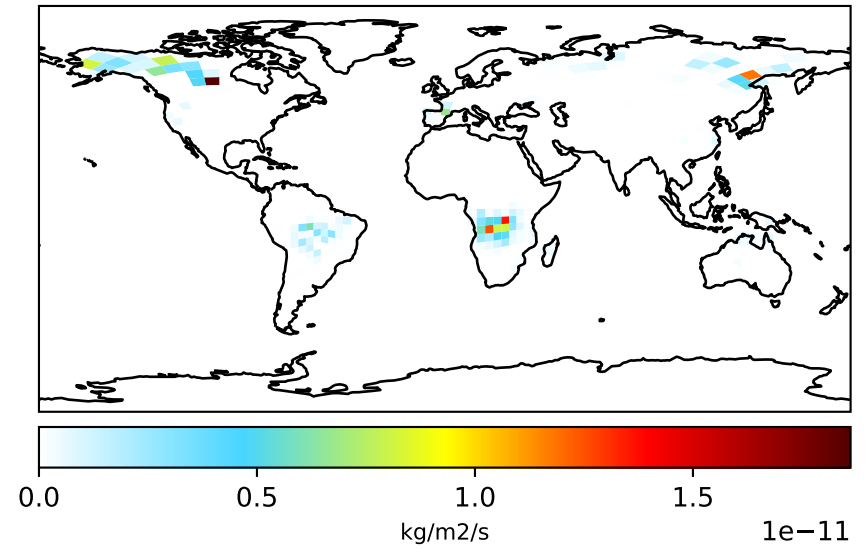


# EmisC3H8\_BioBurn

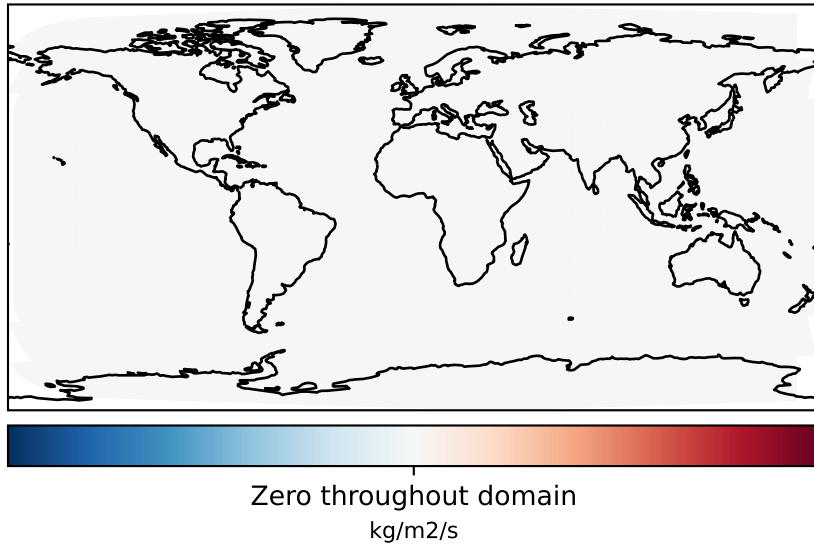
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



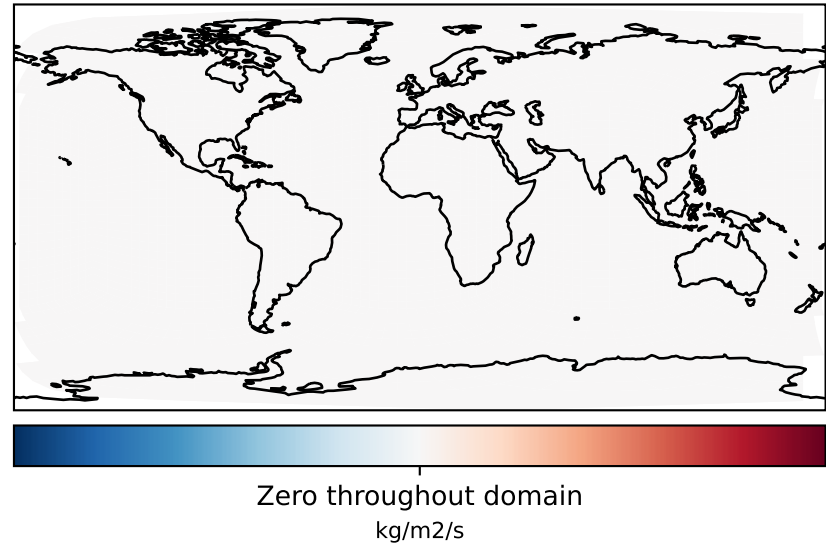
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



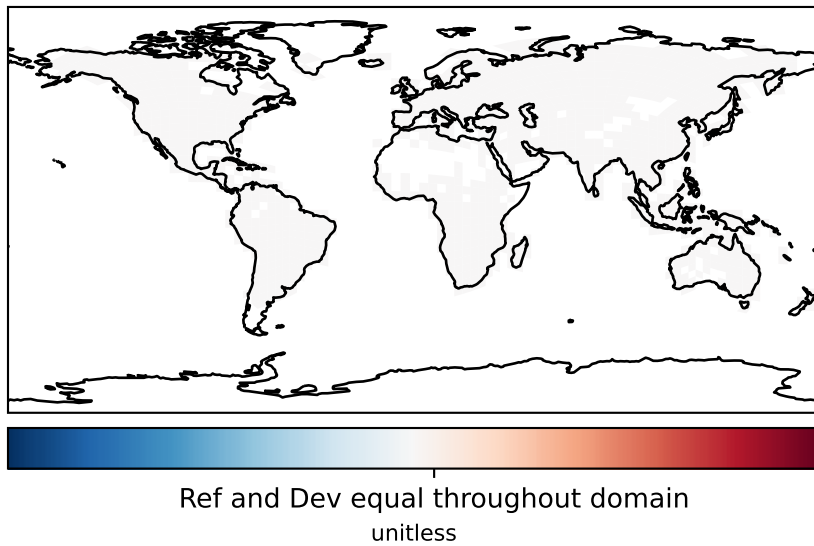
Difference  
Dev - Ref, Dynamic Range



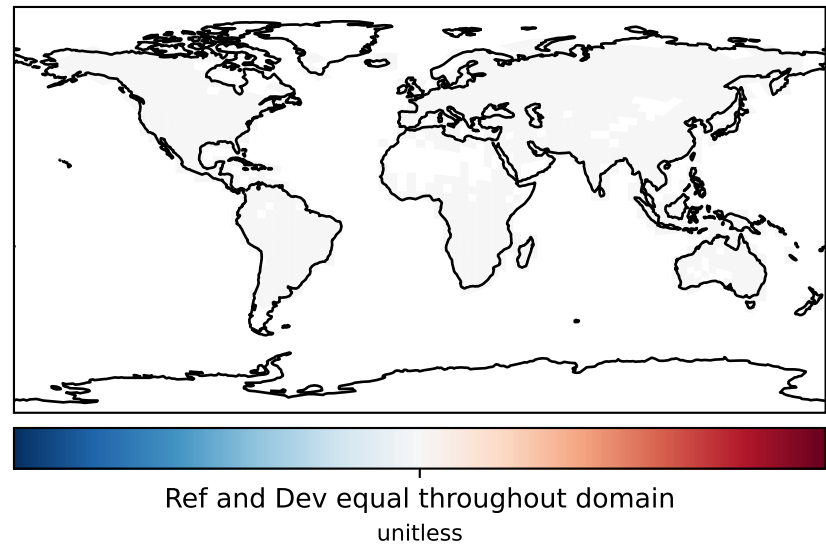
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

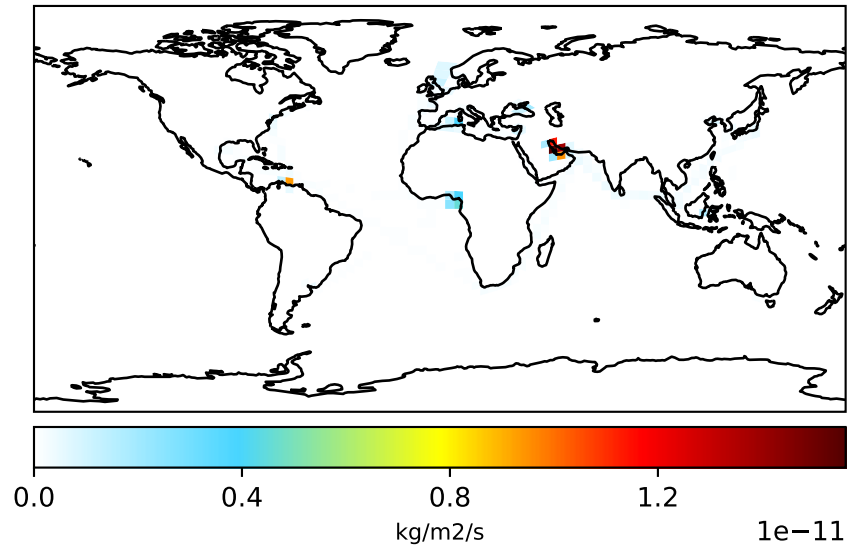


Ratio  
Dev/Ref, Fixed Range

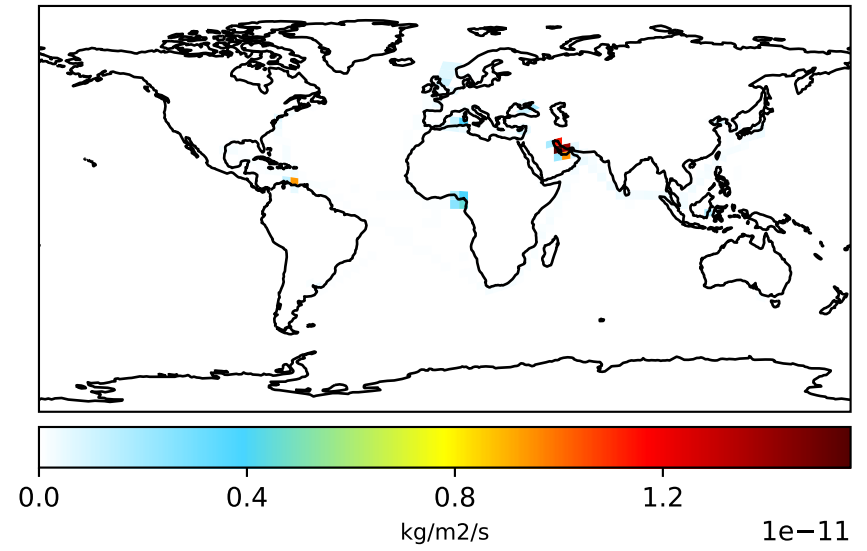


# EmisC3H8\_Ship

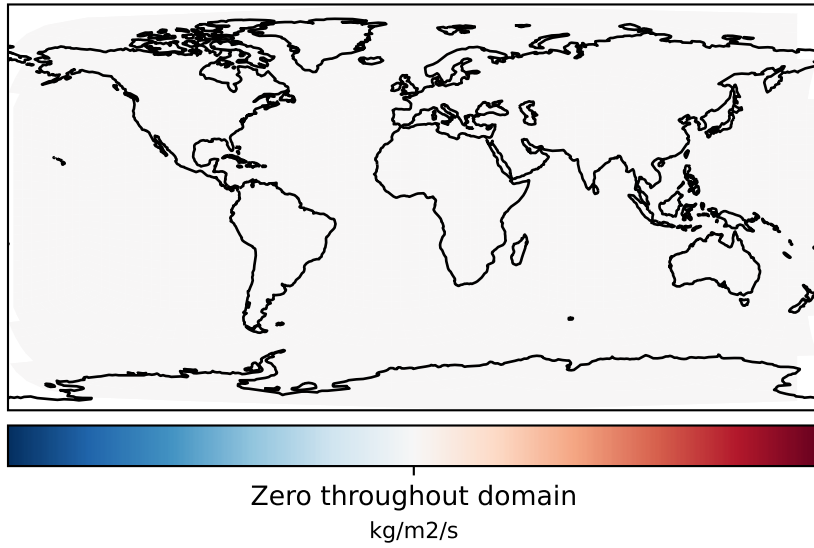
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



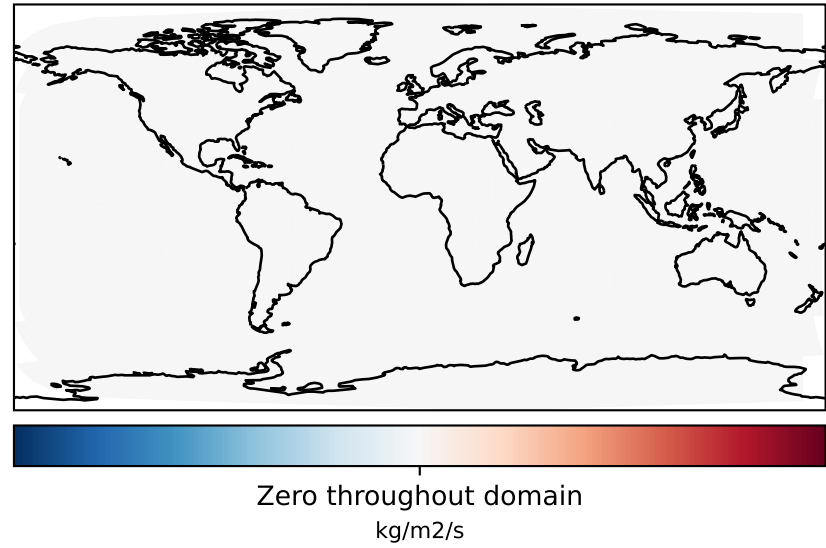
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



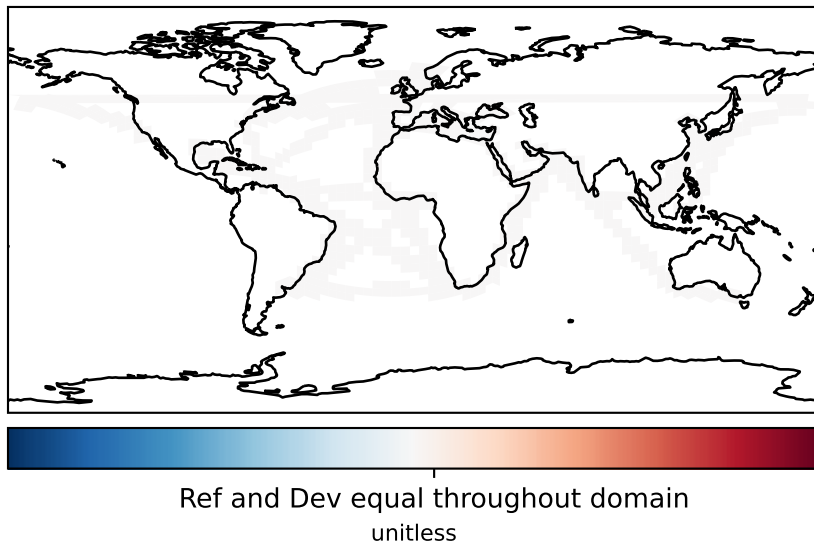
Difference  
Dev - Ref, Dynamic Range



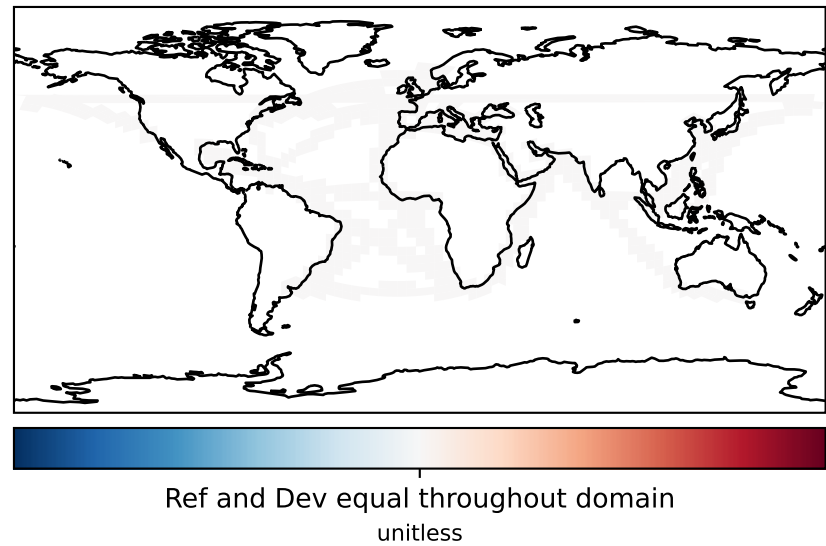
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



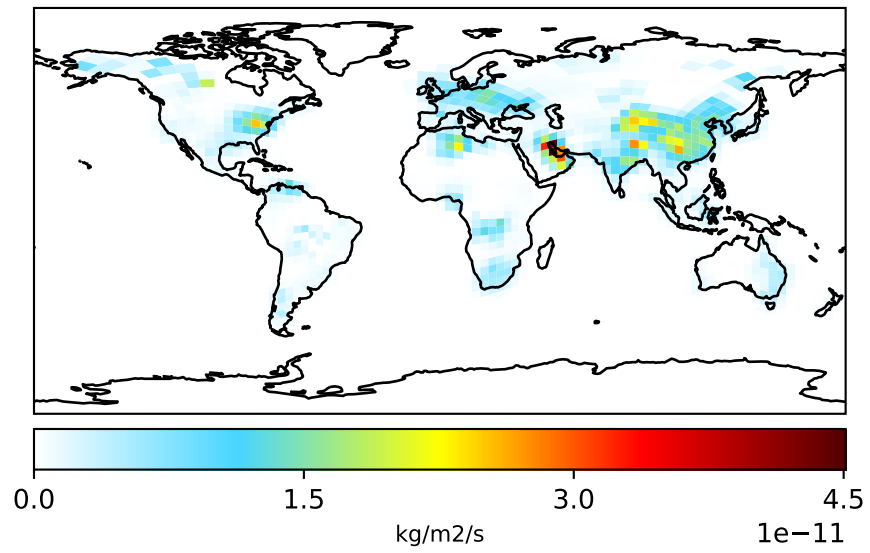
Ratio  
Dev/Ref, Fixed Range



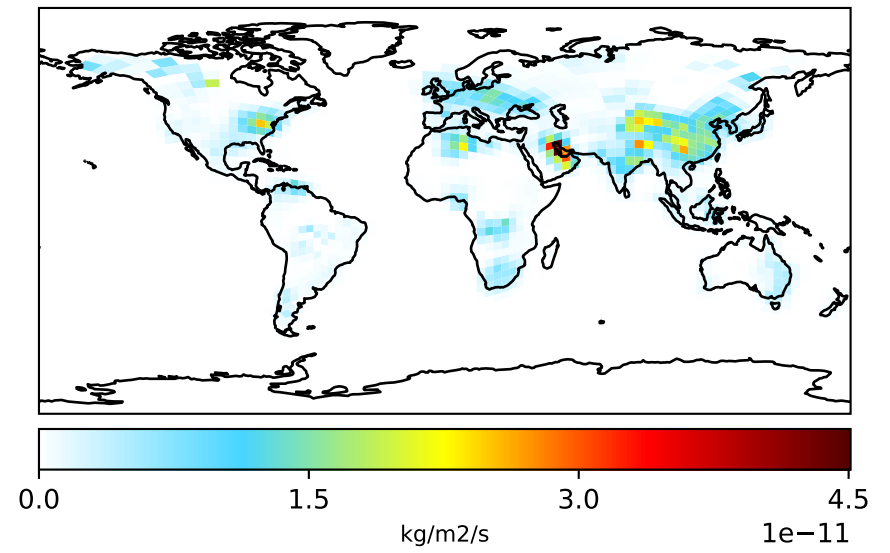


# EmisC3H8\_Total

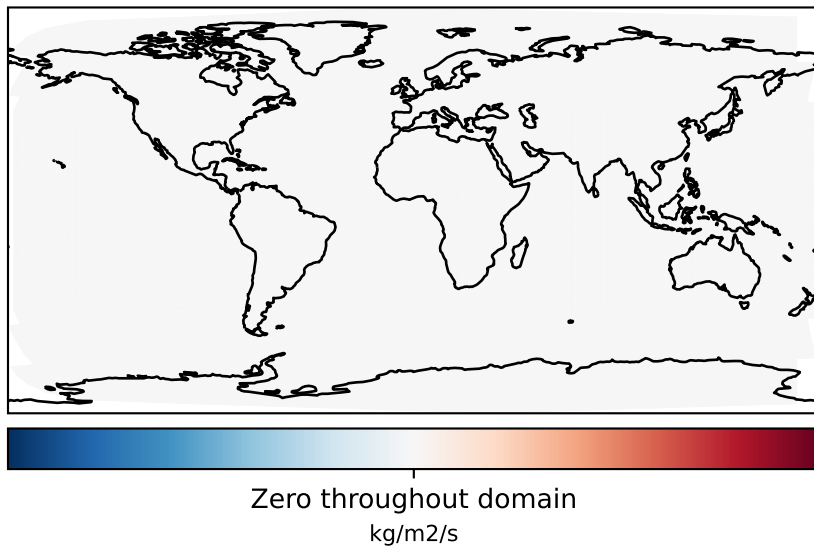
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



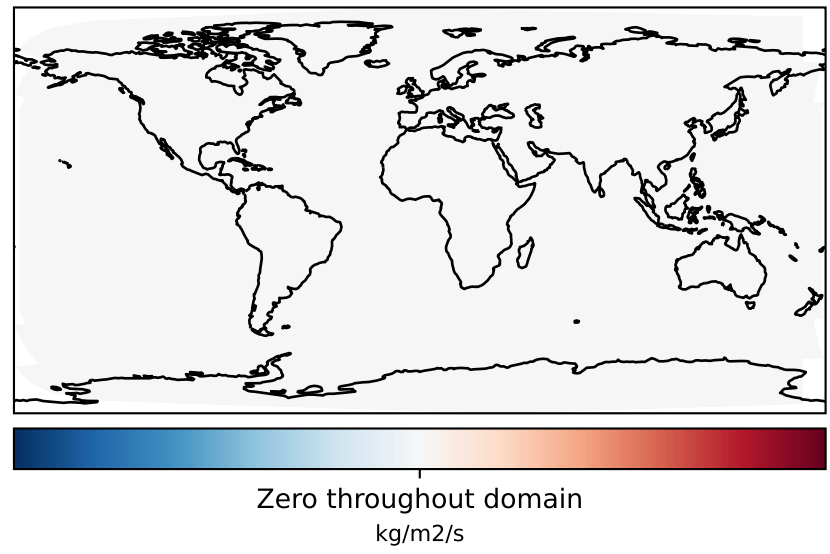
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



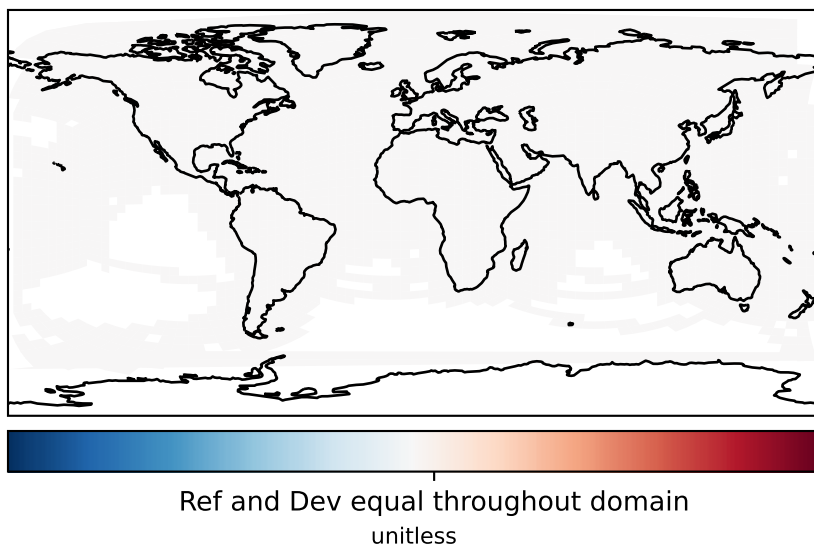
Difference  
Dev - Ref, Dynamic Range



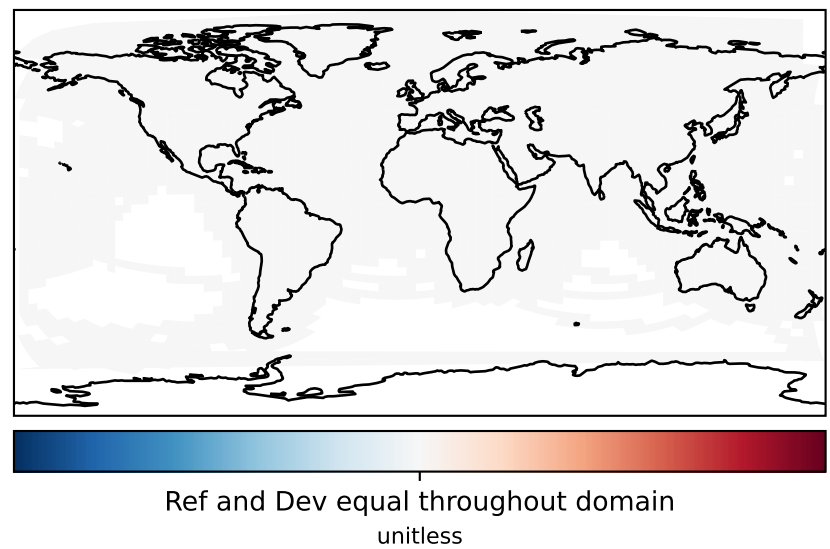
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

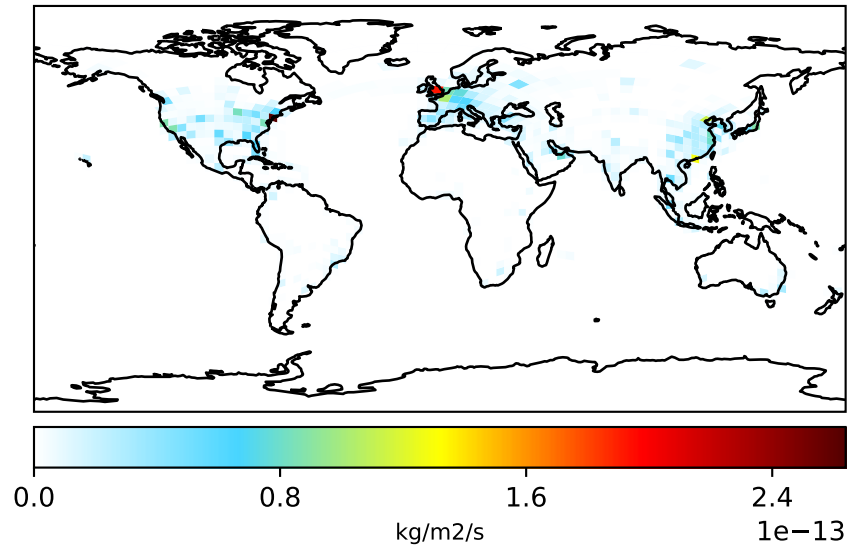


Ratio  
Dev/Ref, Fixed Range

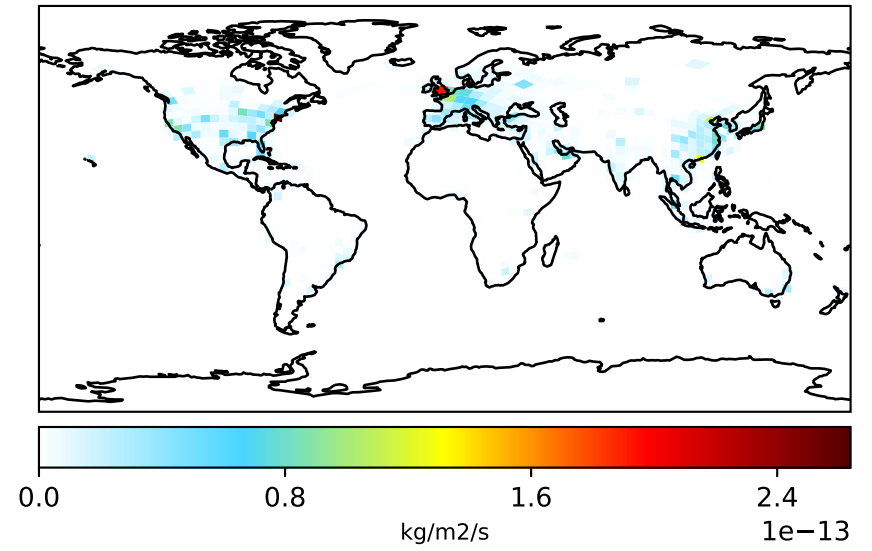


# EmisPRPE\_Aircraft

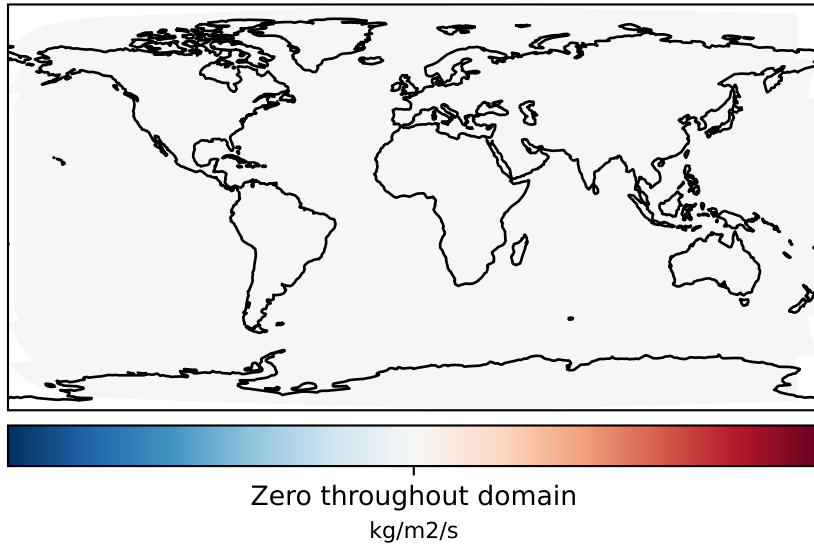
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



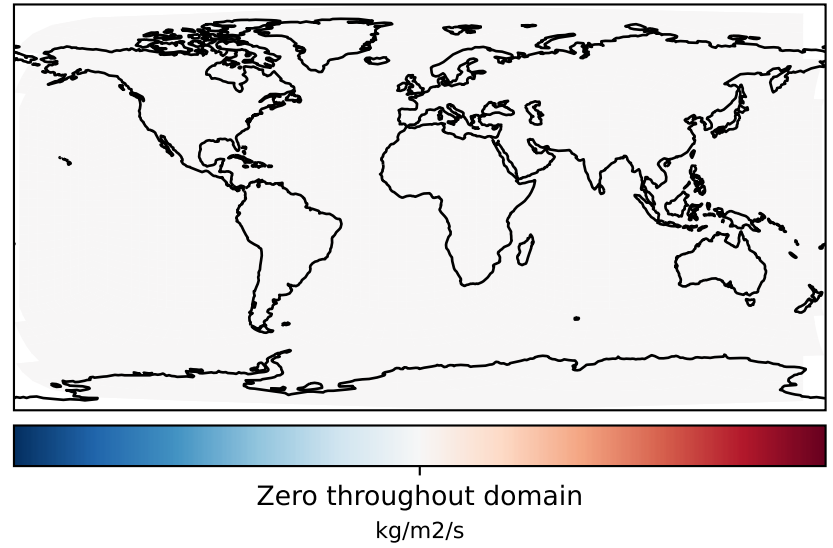
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



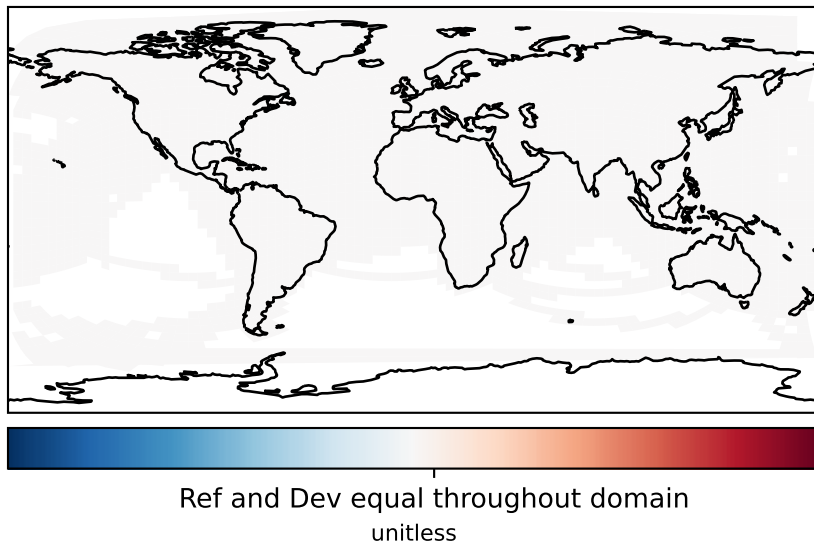
Difference  
Dev - Ref, Dynamic Range



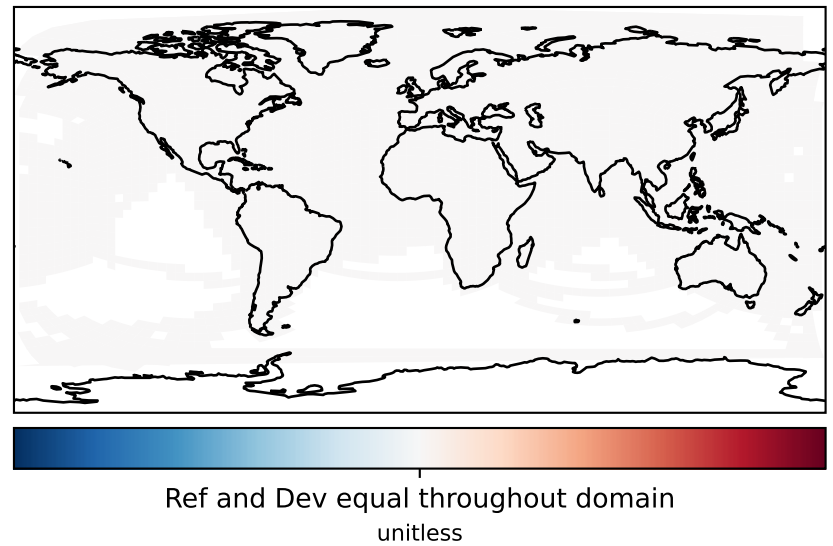
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

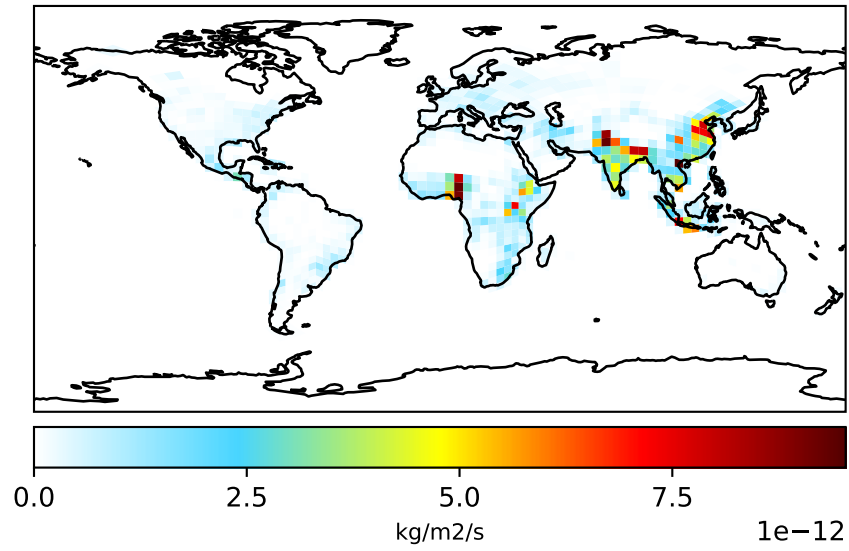


Ratio  
Dev/Ref, Fixed Range

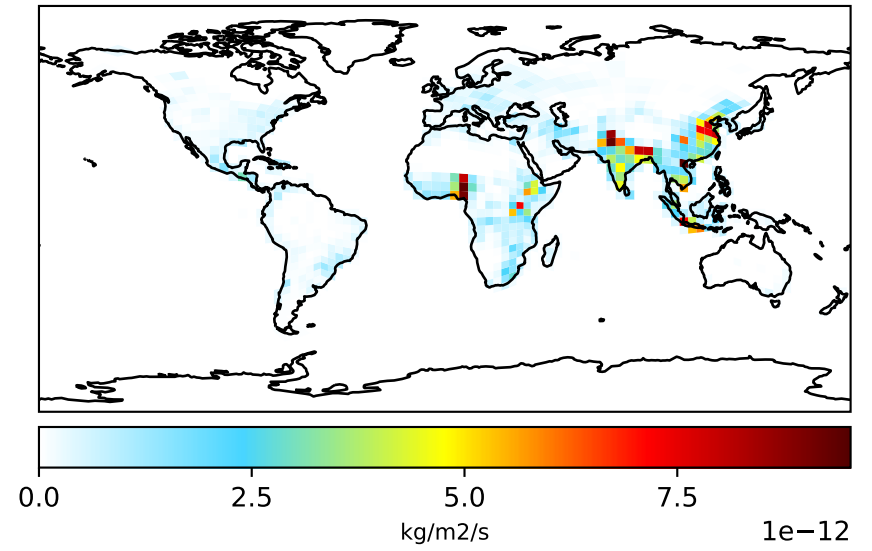


# EmisPRPE\_Anthro

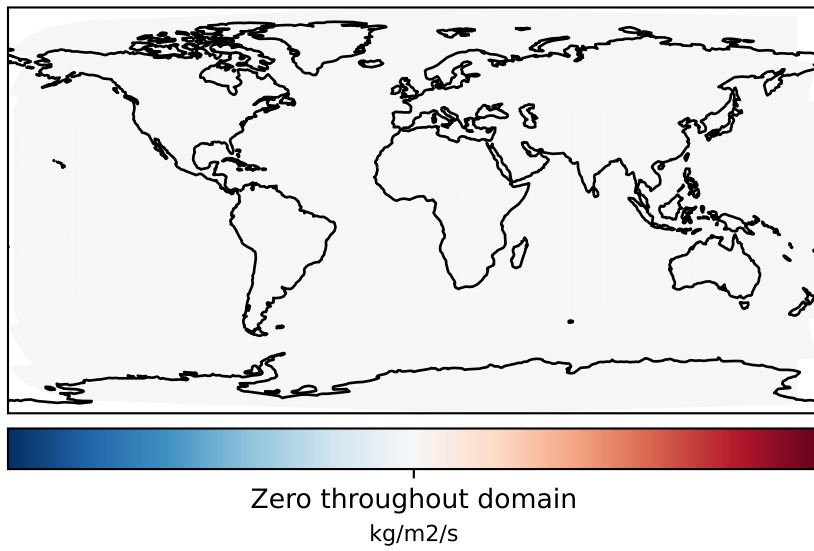
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



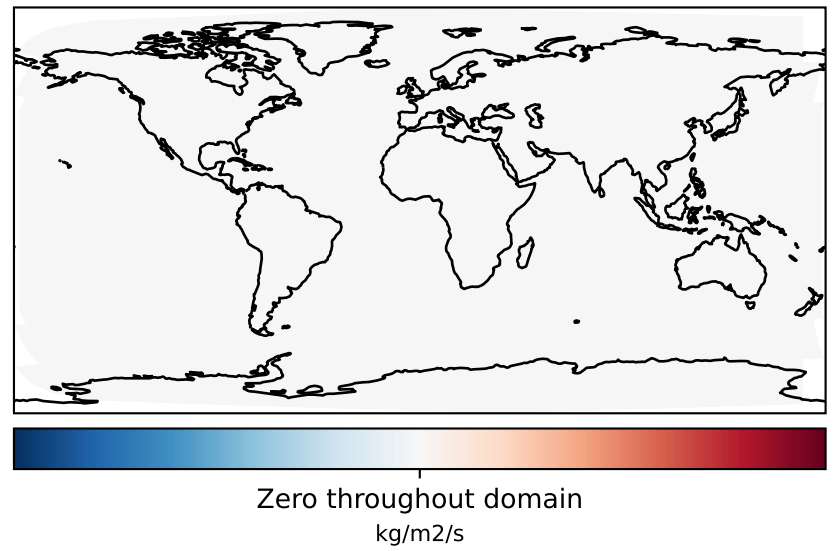
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



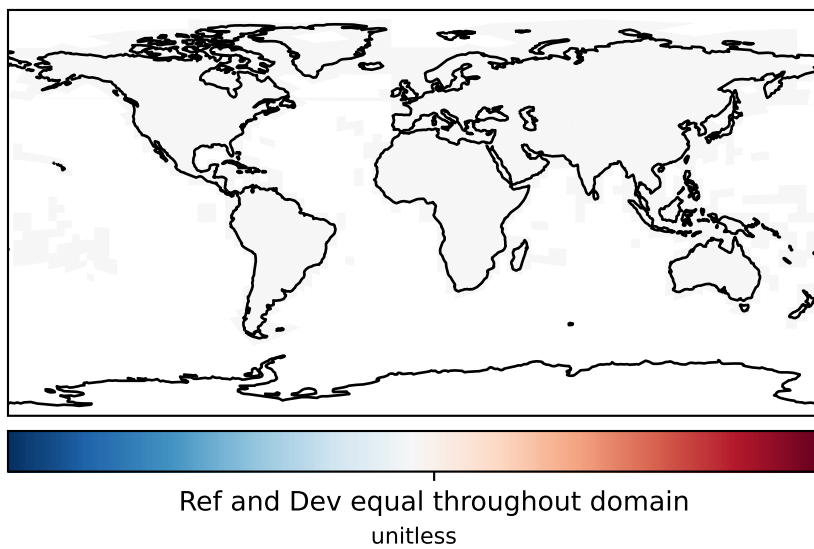
Difference  
Dev - Ref, Dynamic Range



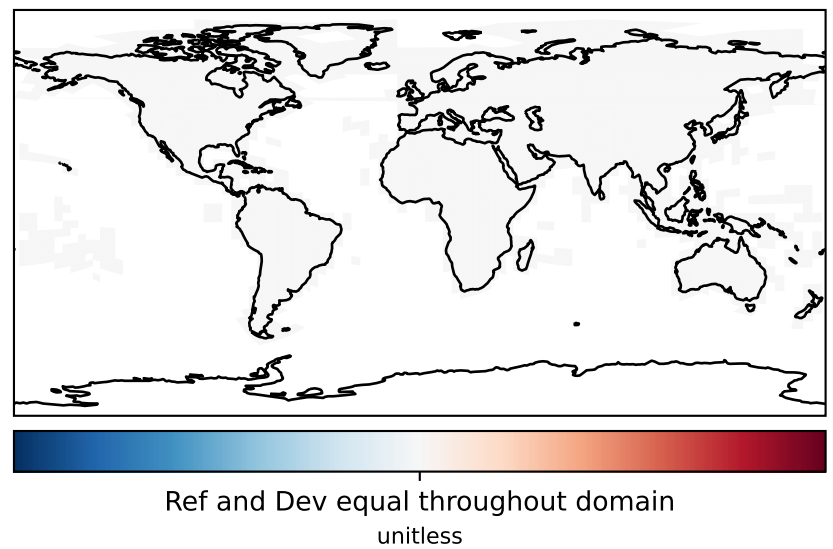
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

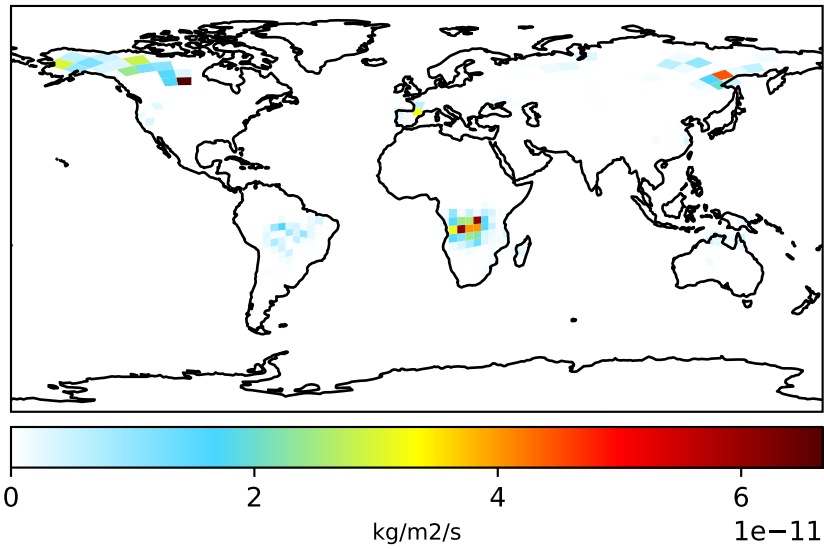


Ratio  
Dev/Ref, Fixed Range

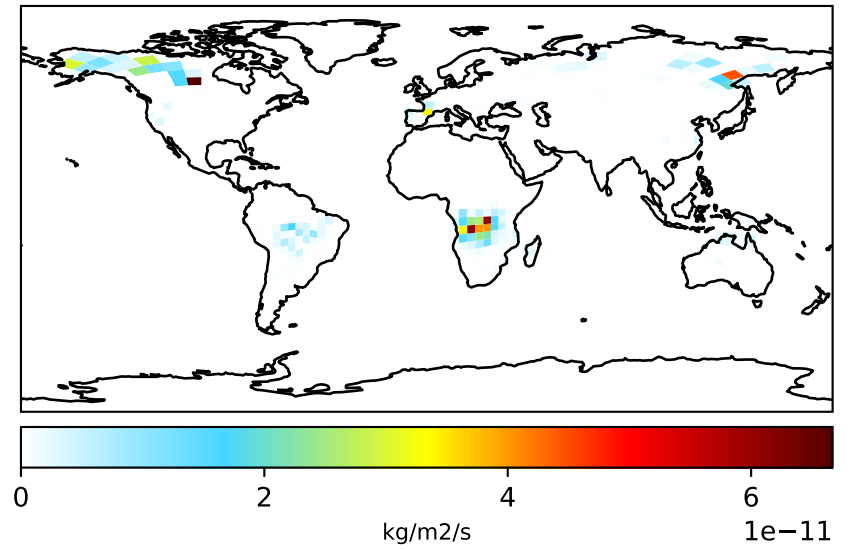


# EmisPRPE\_BioBurn

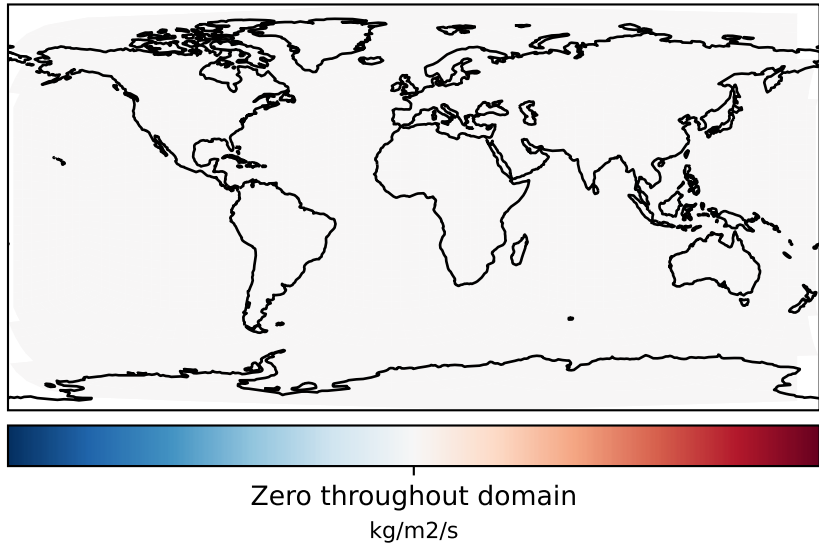
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



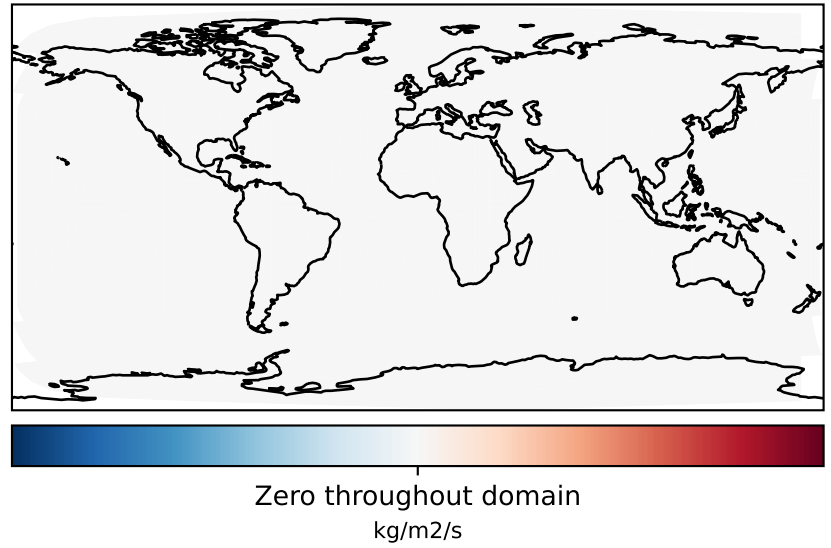
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



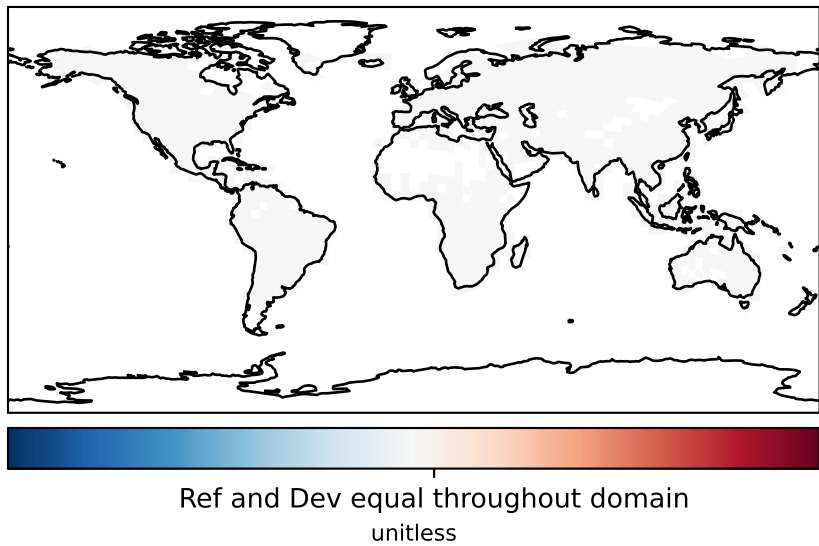
Difference  
Dev - Ref, Dynamic Range



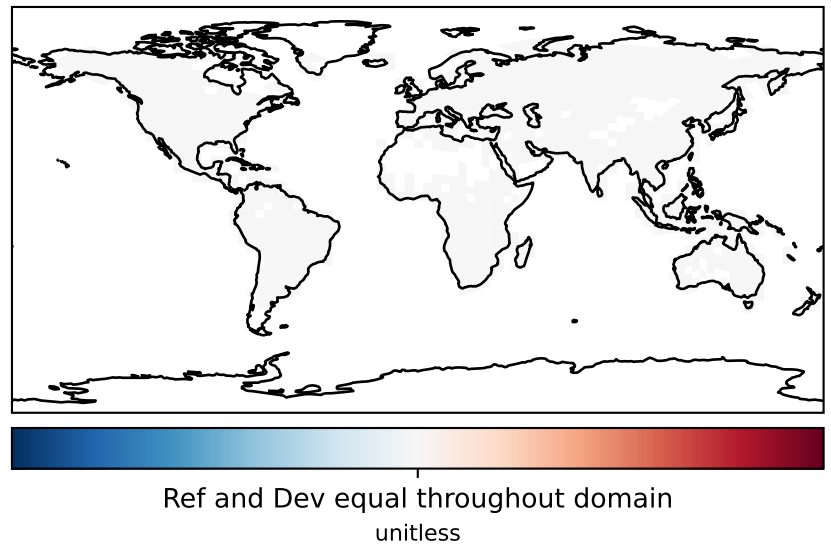
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

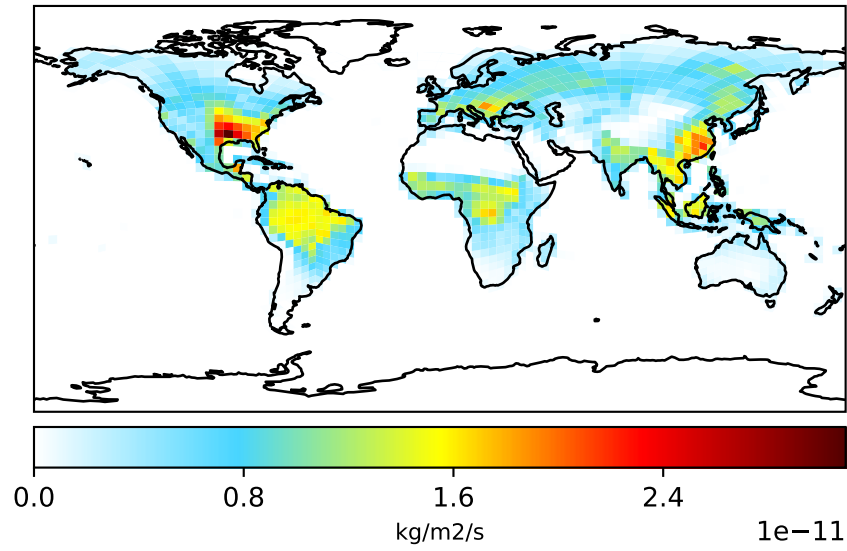


Ratio  
Dev/Ref, Fixed Range

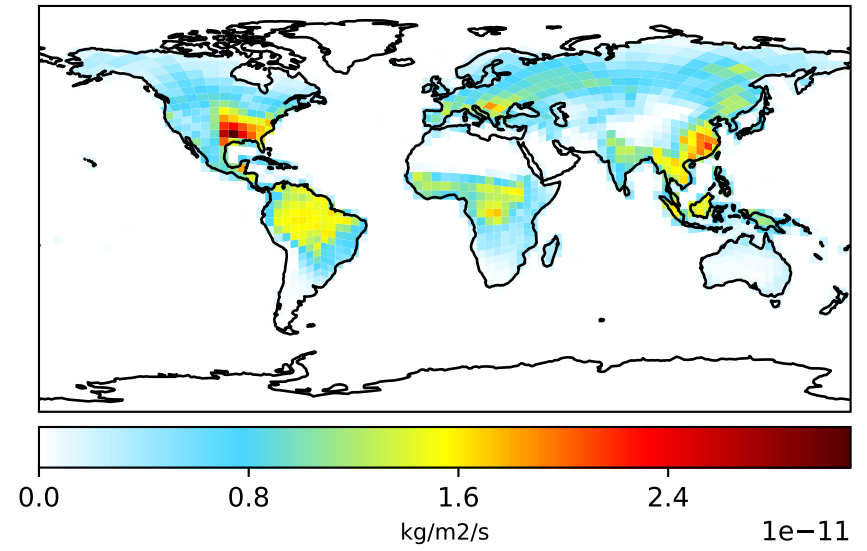


# EmisPRPE\_Biogenic

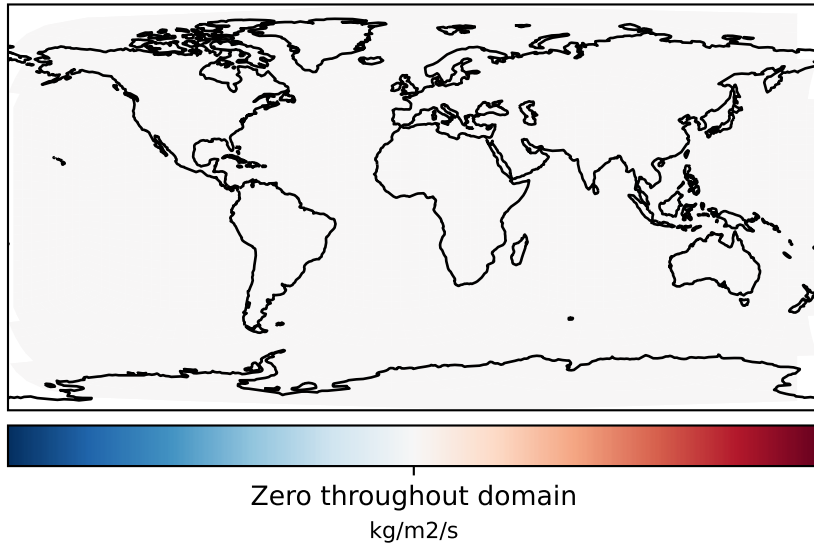
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



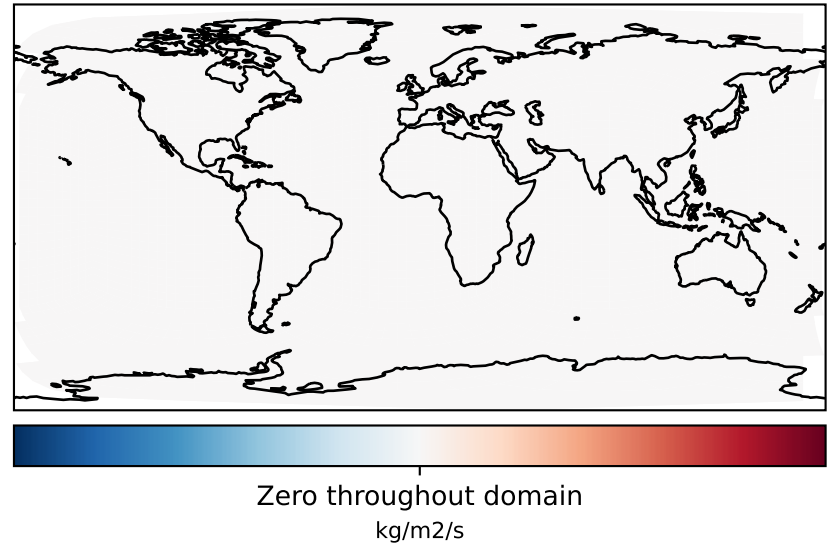
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



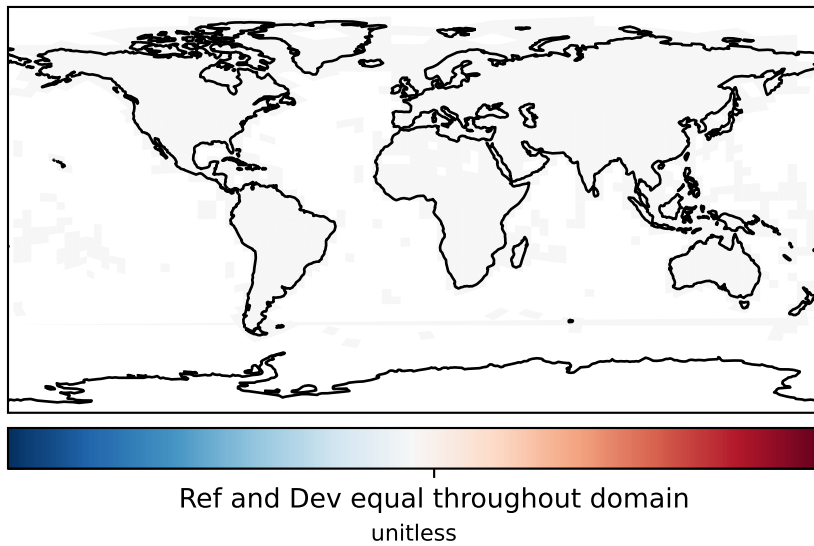
Difference  
Dev - Ref, Dynamic Range



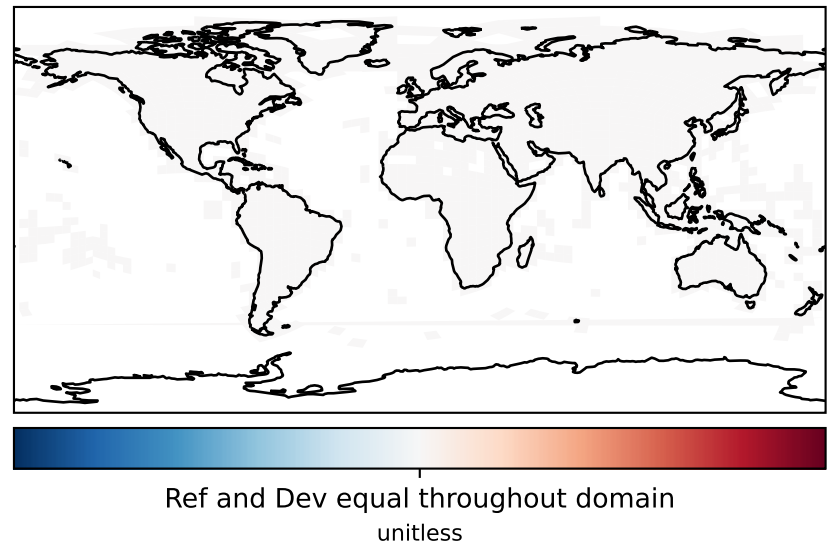
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

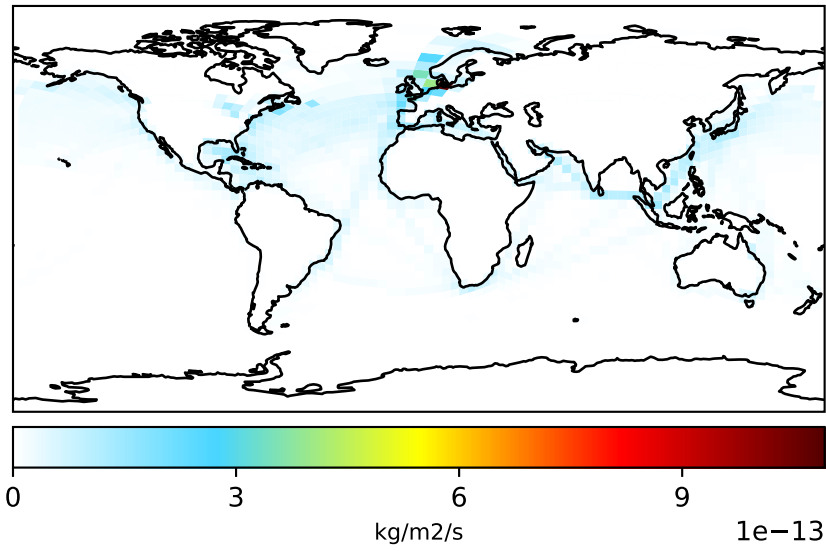


Ratio  
Dev/Ref, Fixed Range

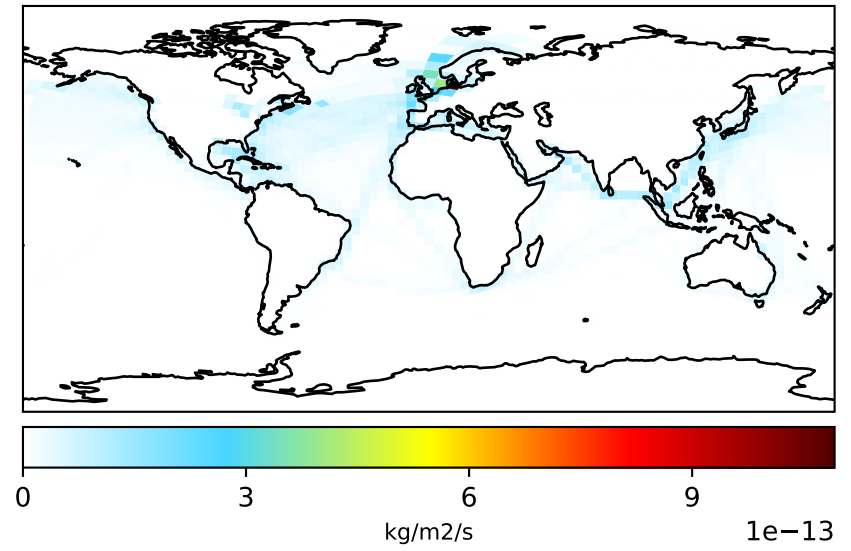


# EmisPRPE\_Ship

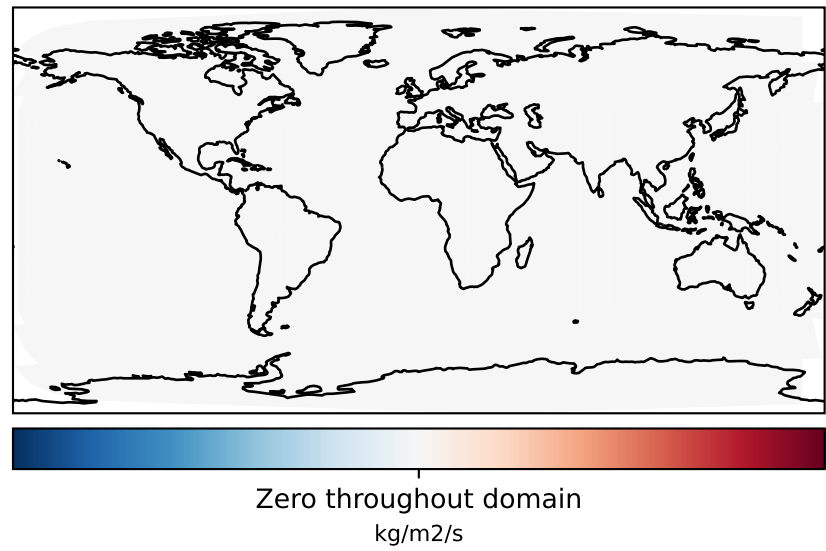
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



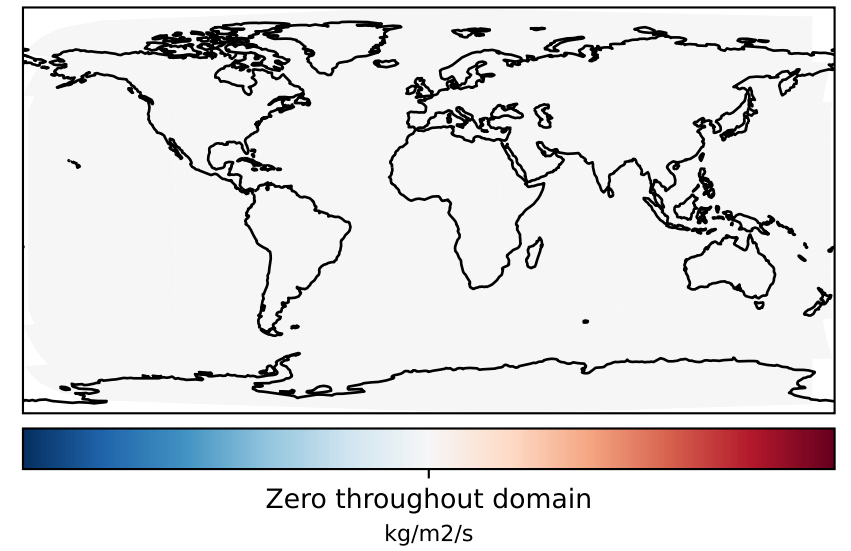
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



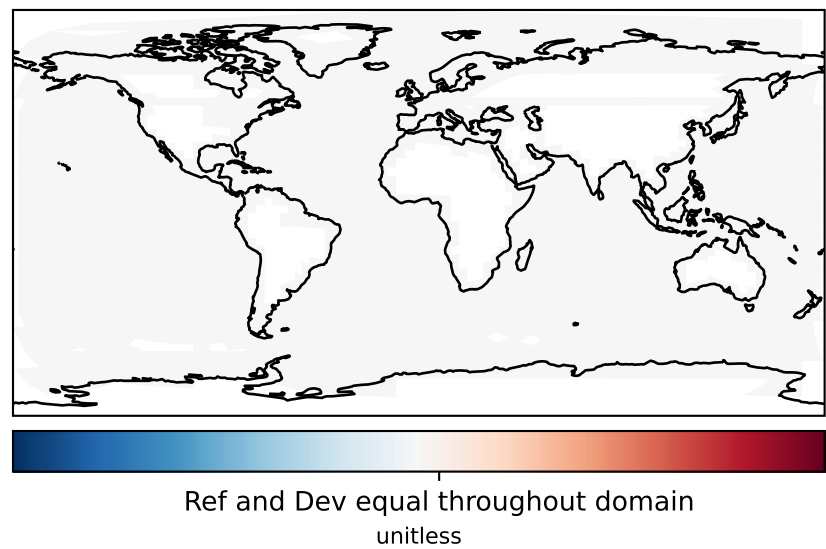
Difference  
Dev - Ref, Dynamic Range



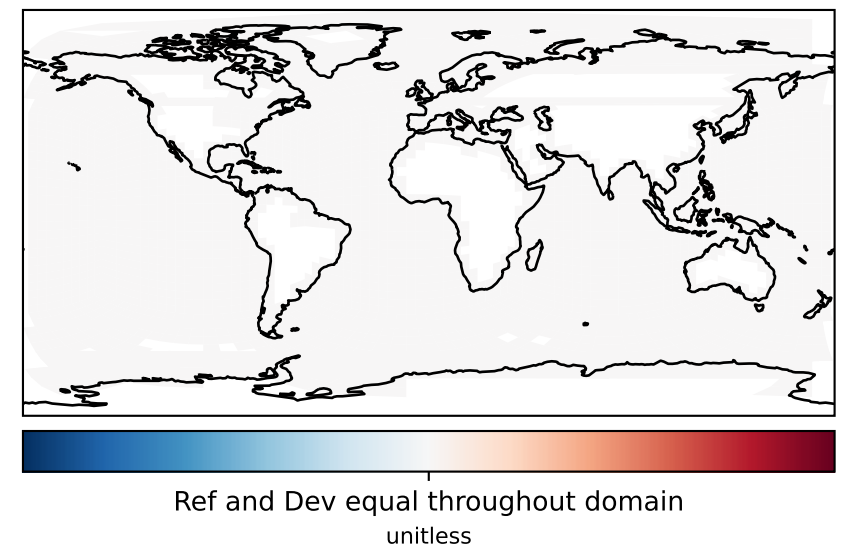
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

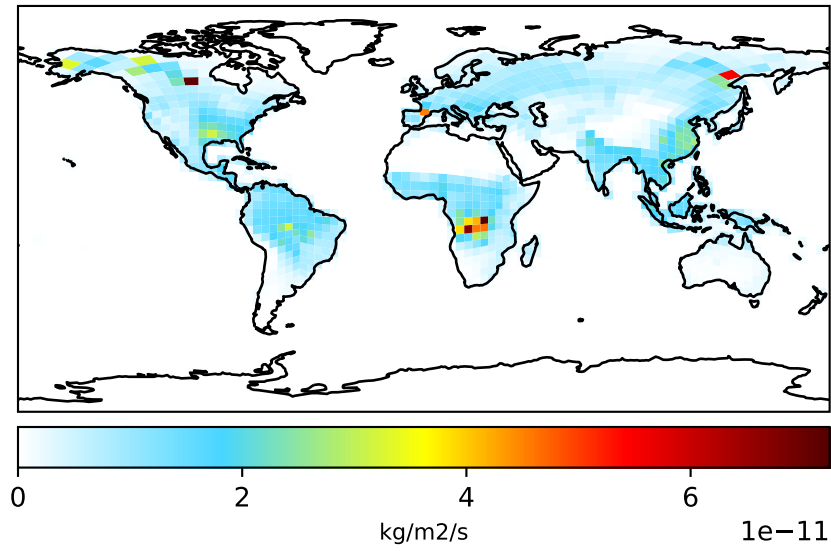


Ratio  
Dev/Ref, Fixed Range

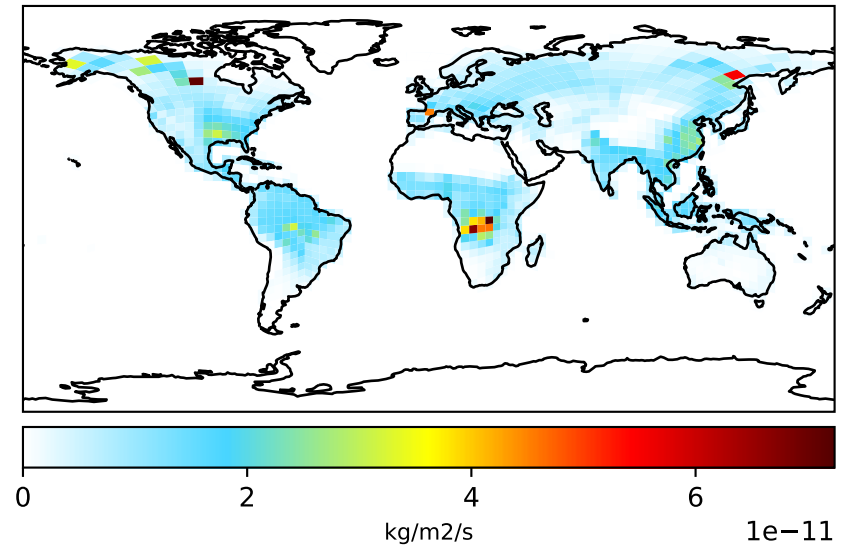


# EmisPRPE\_Total

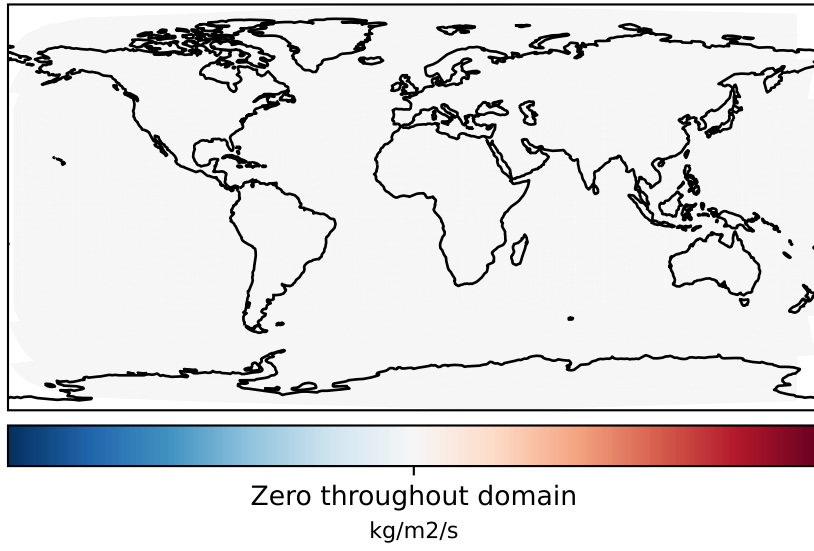
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



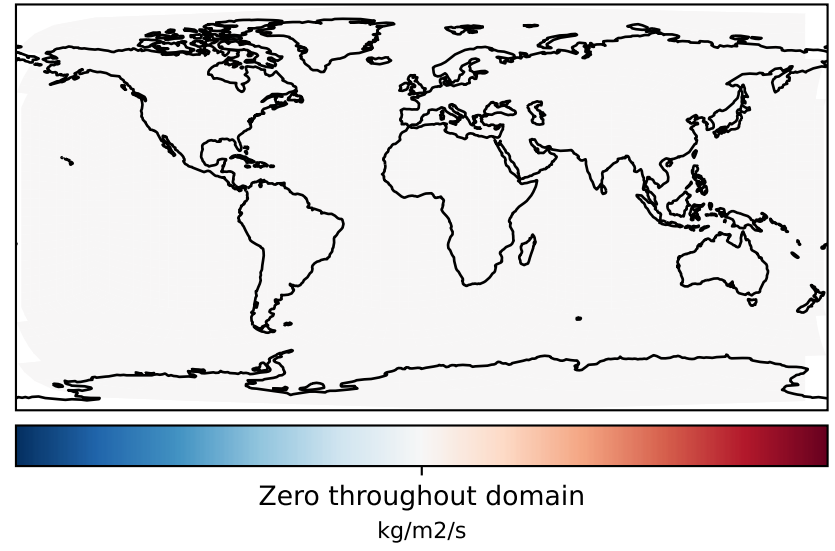
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



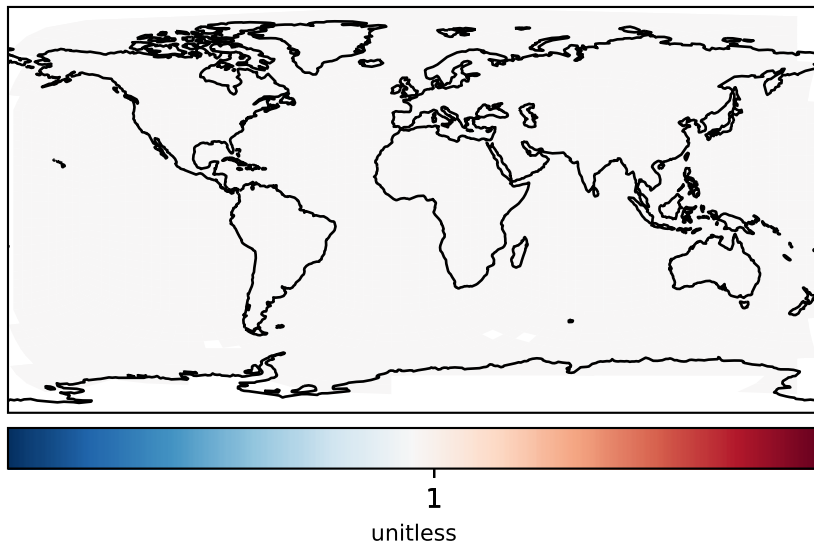
Difference  
Dev - Ref, Dynamic Range



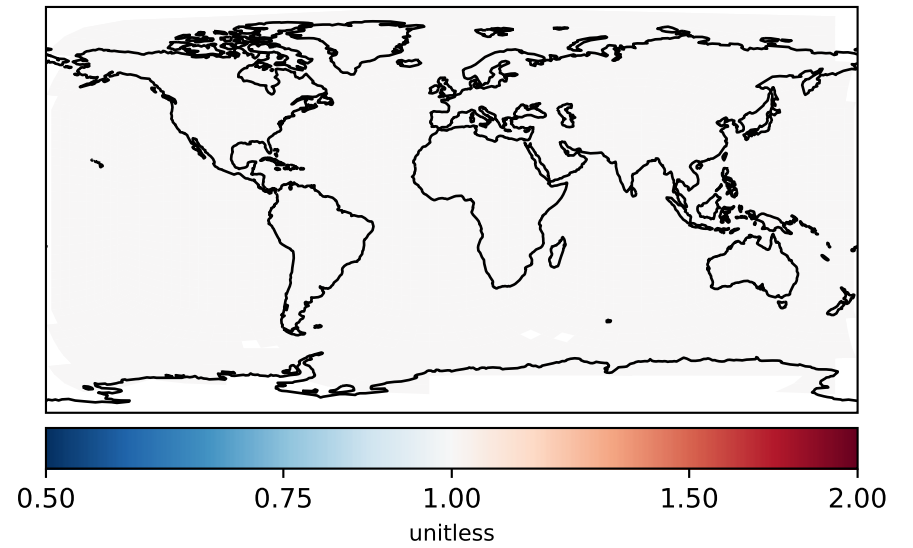
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

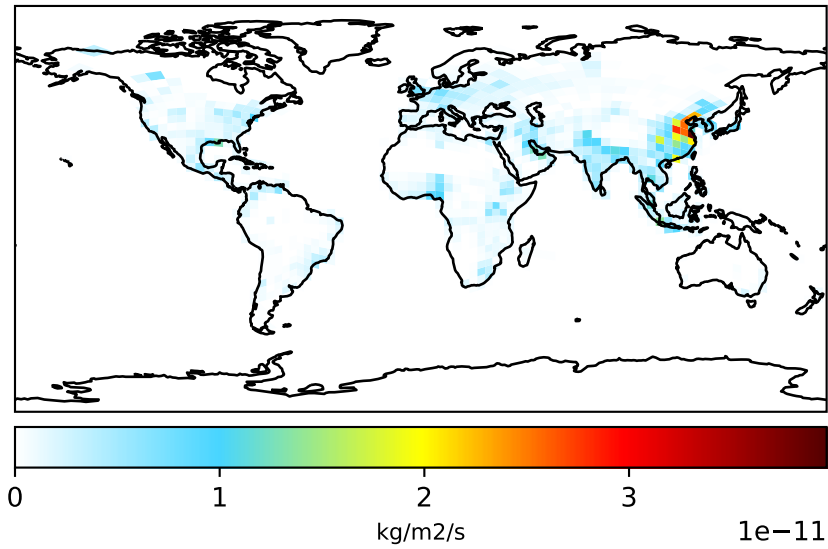


Ratio  
Dev/Ref, Fixed Range

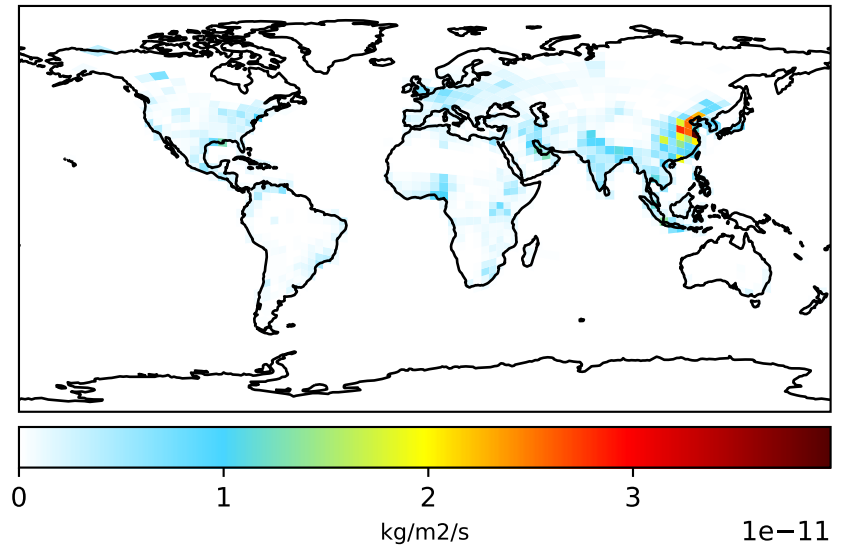


# EmisTOLU\_Anthro

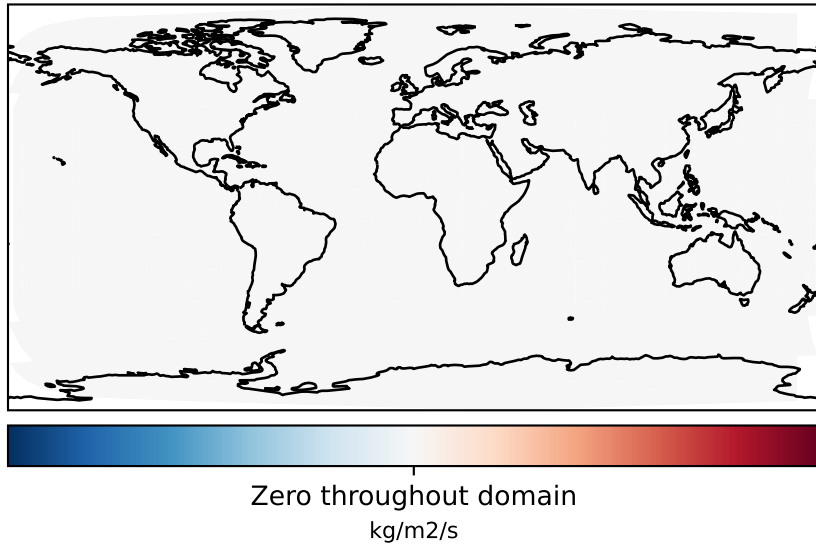
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



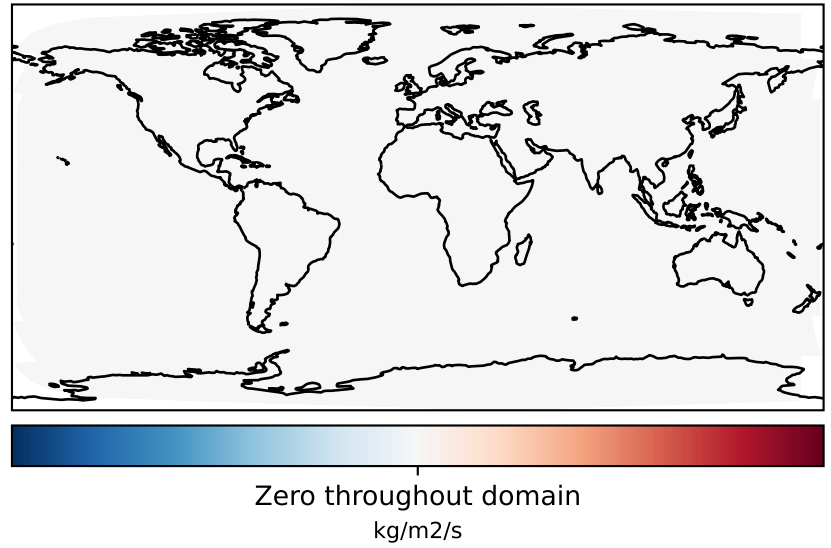
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



Difference  
Dev - Ref, Dynamic Range



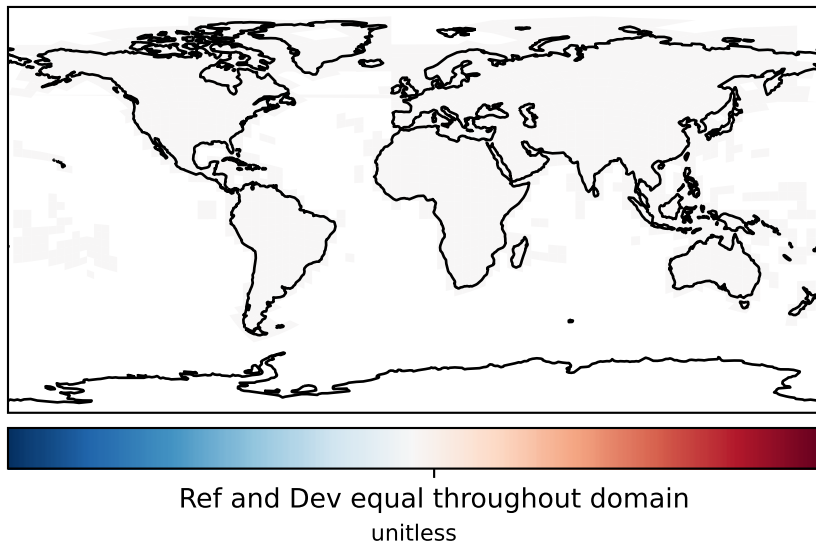
Difference  
Dev - Ref, Restricted Range [5%,95%]



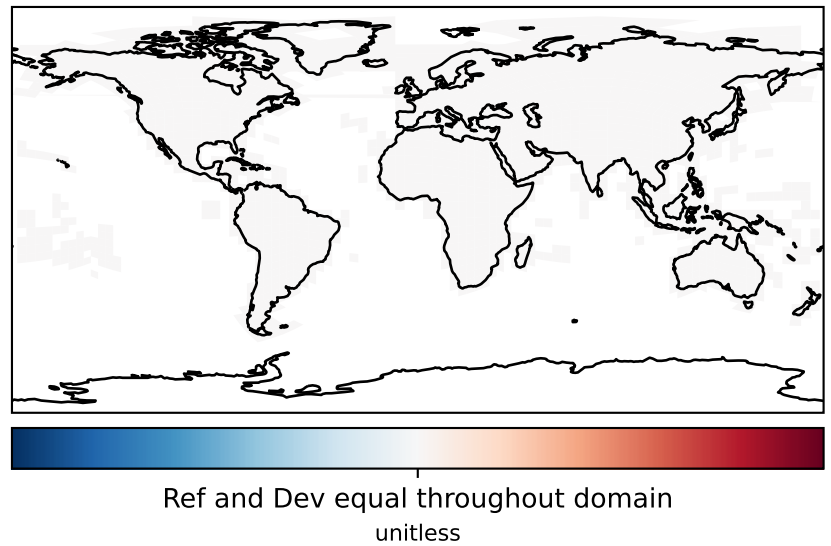
Zero throughout domain  
kg/m2/s

Zero throughout domain  
kg/m2/s

Ratio  
Dev/Ref, Dynamic Range



Ratio  
Dev/Ref, Fixed Range



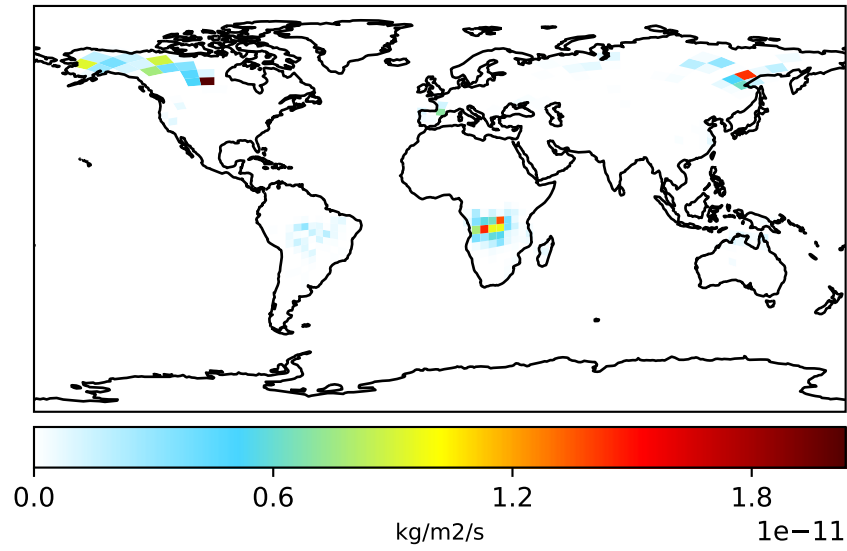
Ref and Dev equal throughout domain  
unitless

Ref and Dev equal throughout domain  
unitless

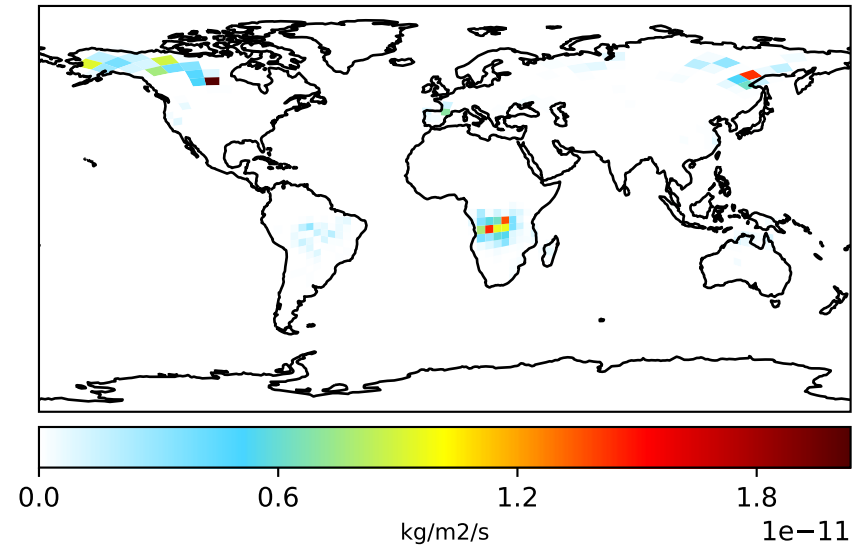


# EmisTOLU\_BioBurn

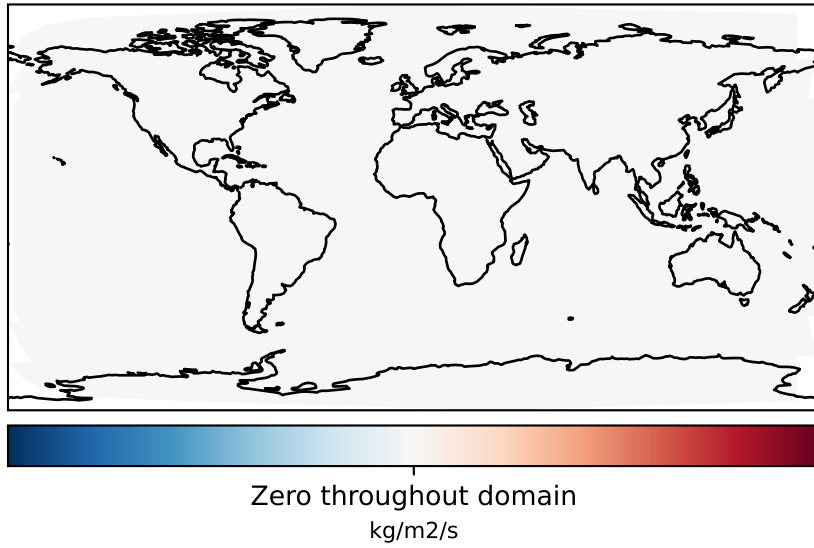
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



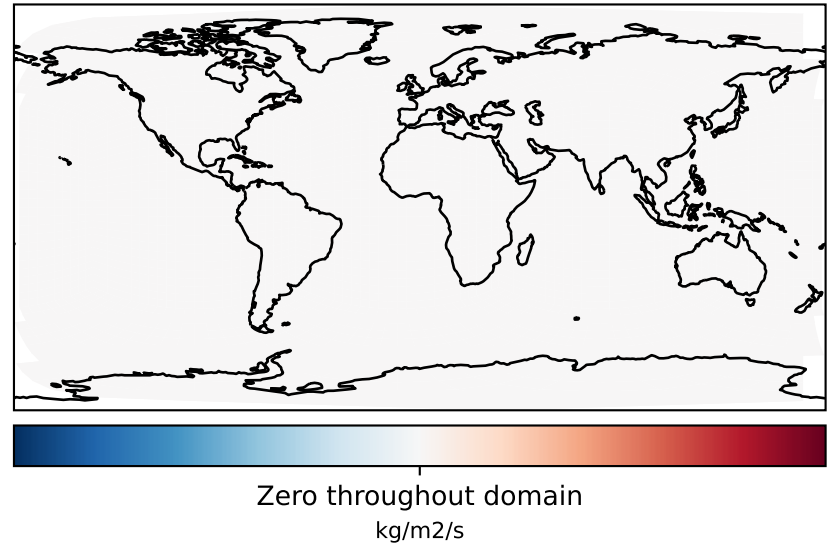
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



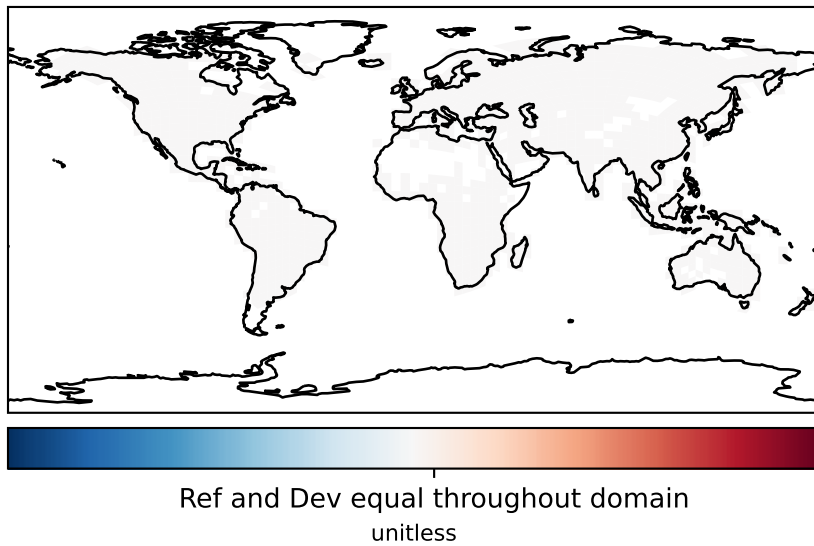
Difference  
Dev - Ref, Dynamic Range



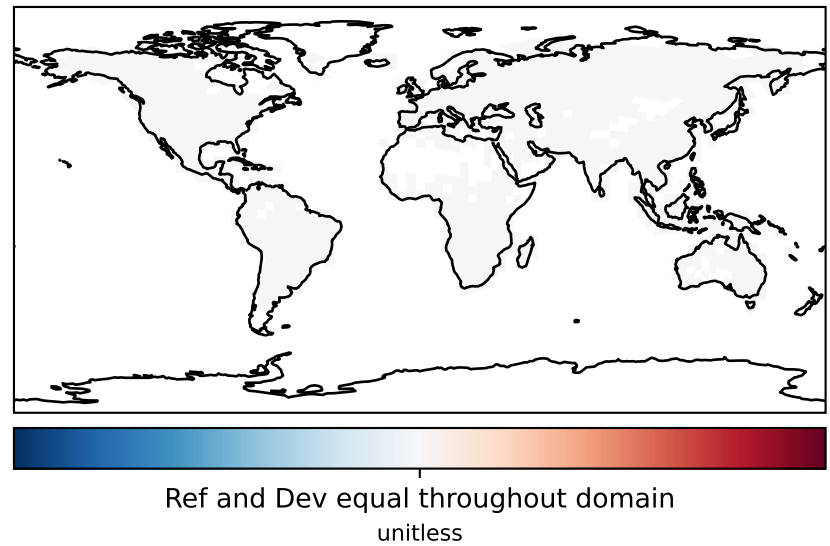
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

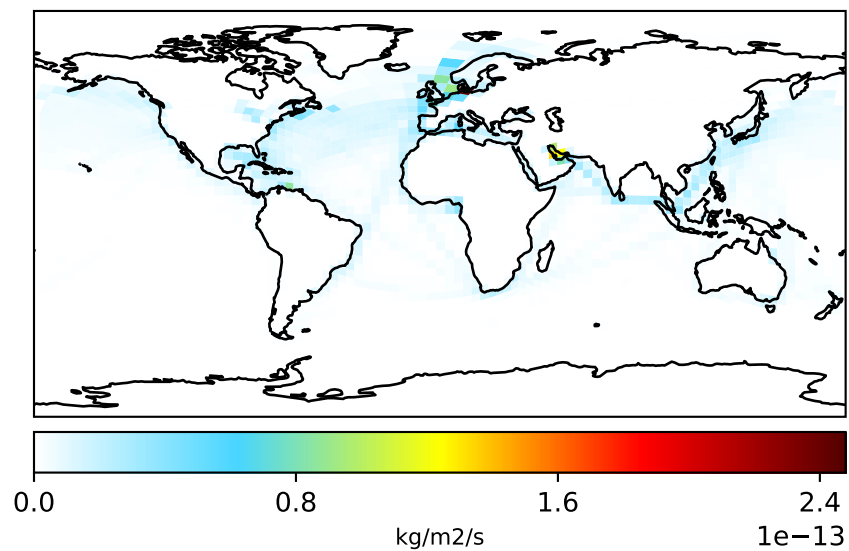


Ratio  
Dev/Ref, Fixed Range

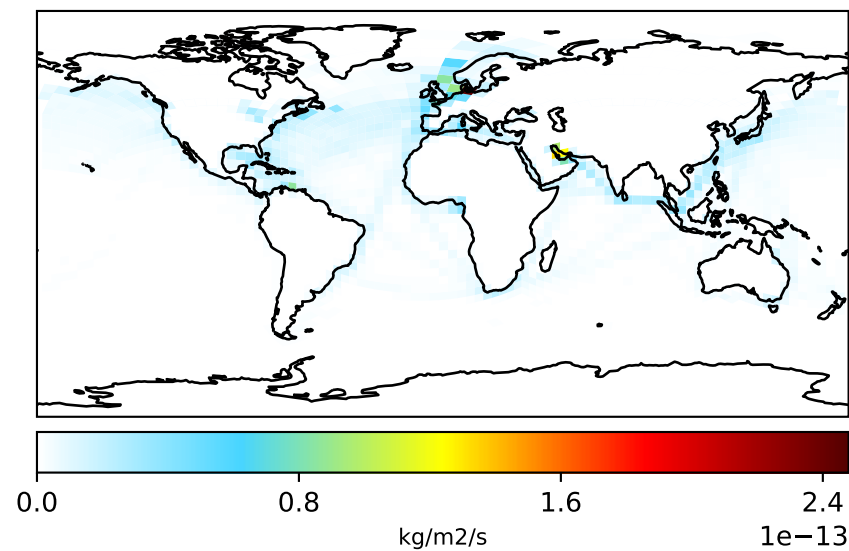


# EmisTOLU\_Ship

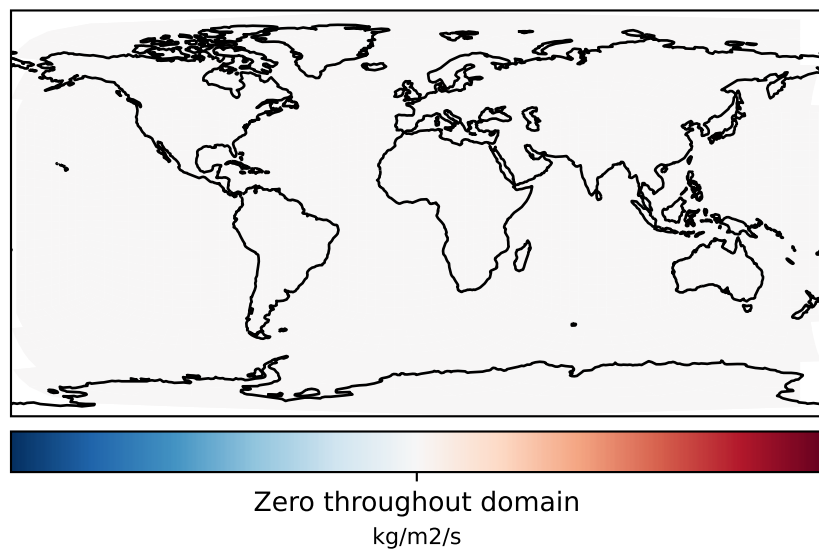
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



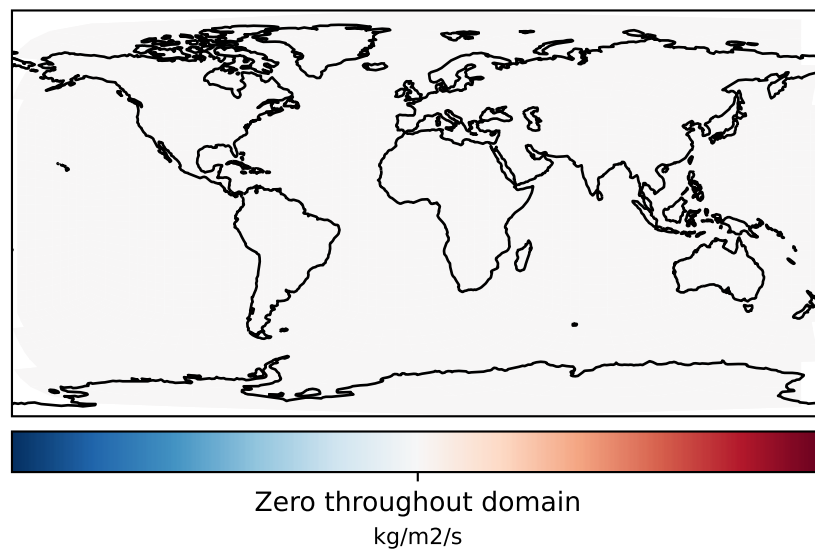
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



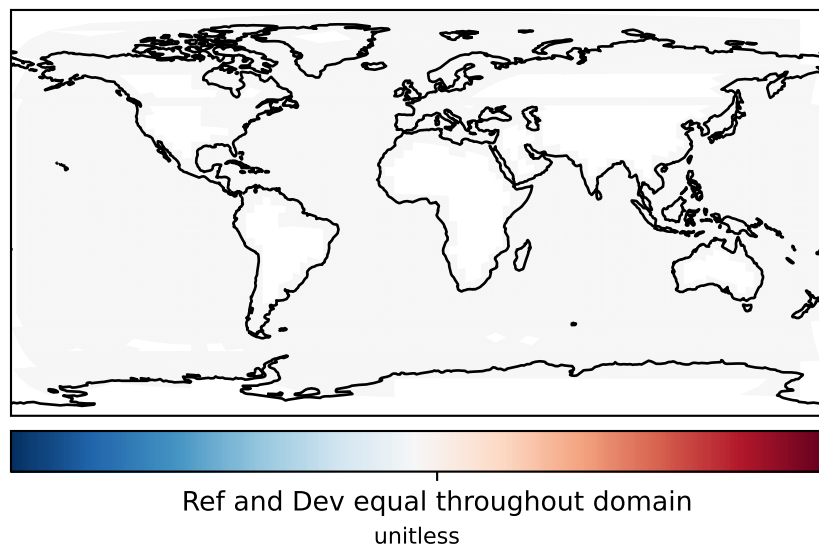
Difference  
Dev - Ref, Dynamic Range



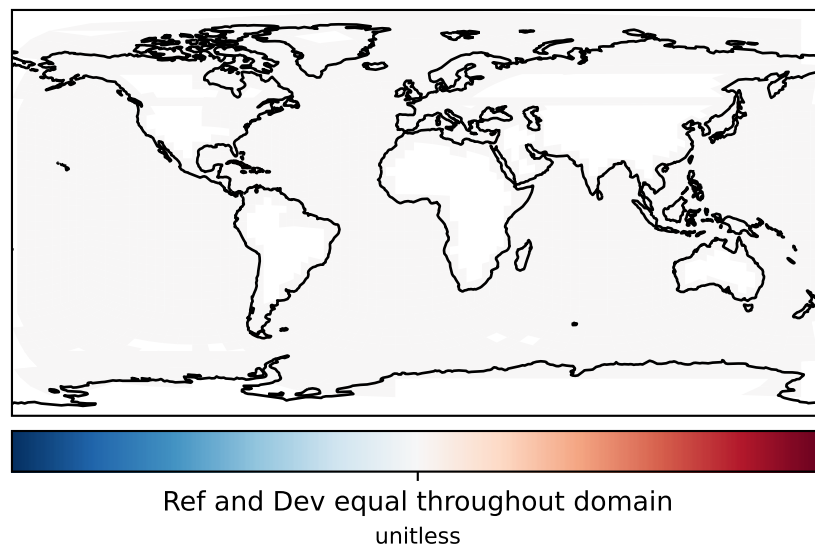
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

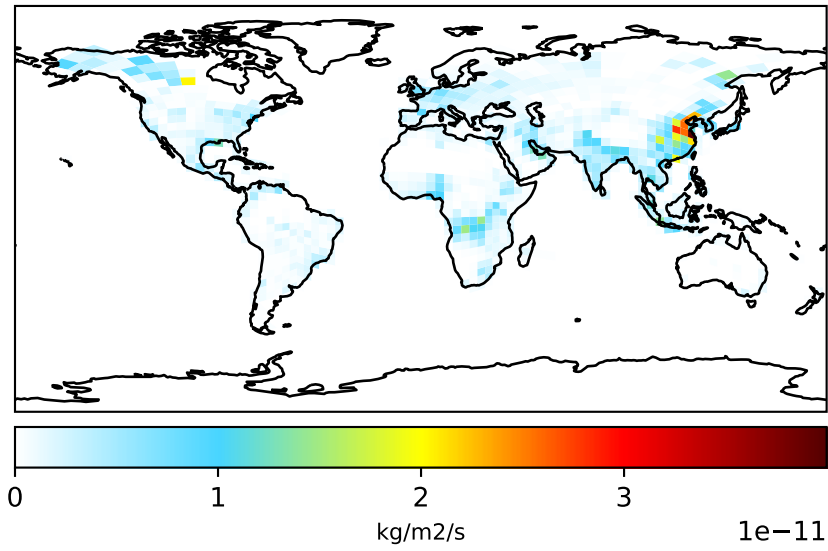


Ratio  
Dev/Ref, Fixed Range

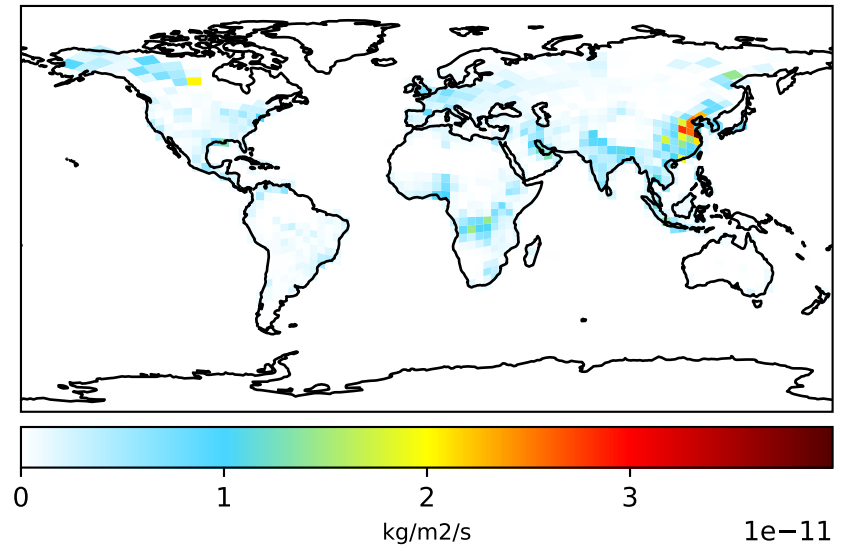


# EmisTOLU\_Total

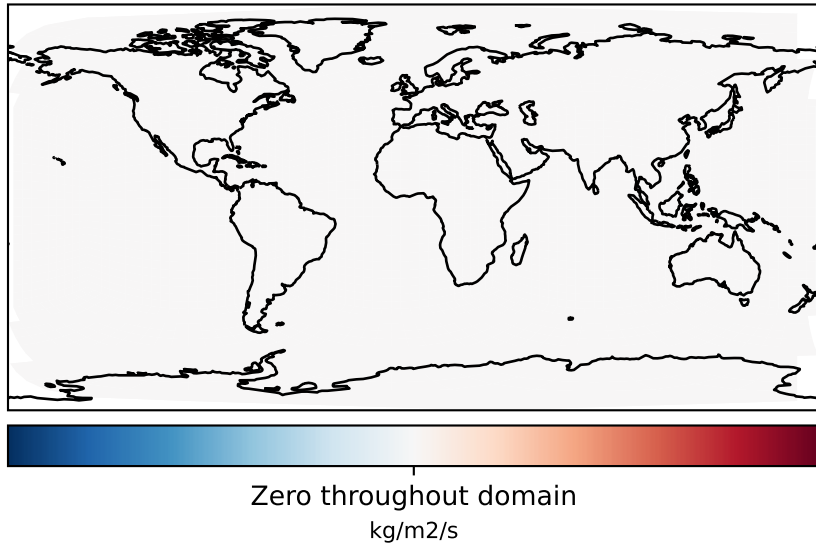
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



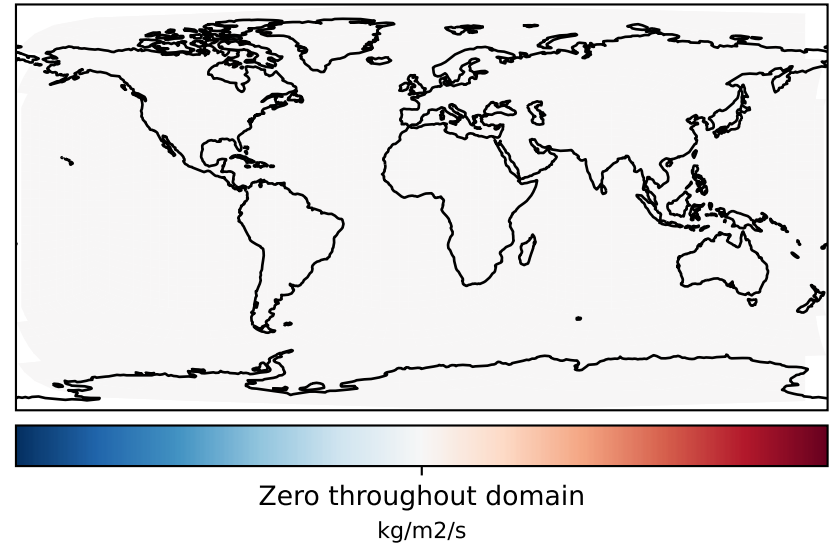
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



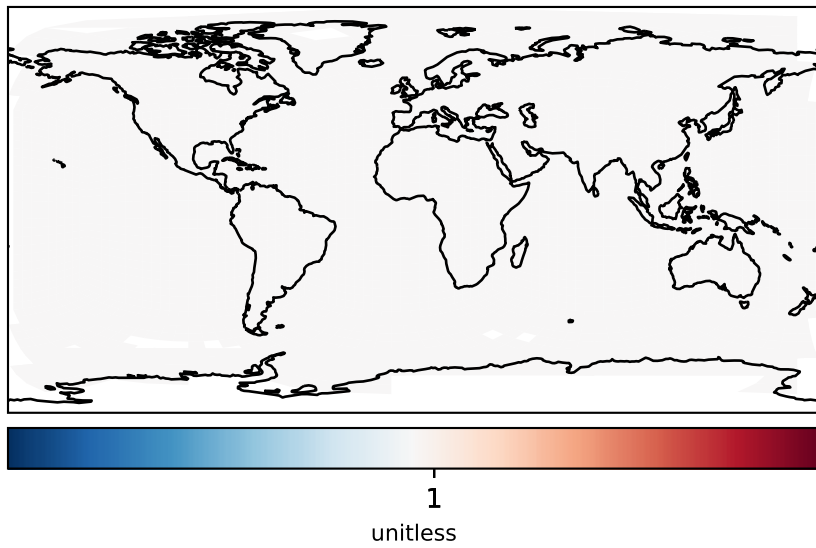
Difference  
Dev - Ref, Dynamic Range



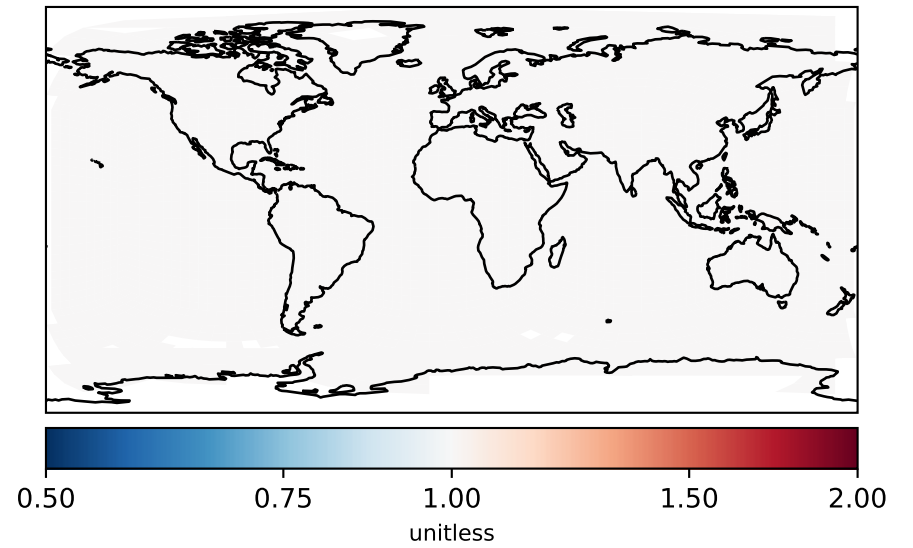
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

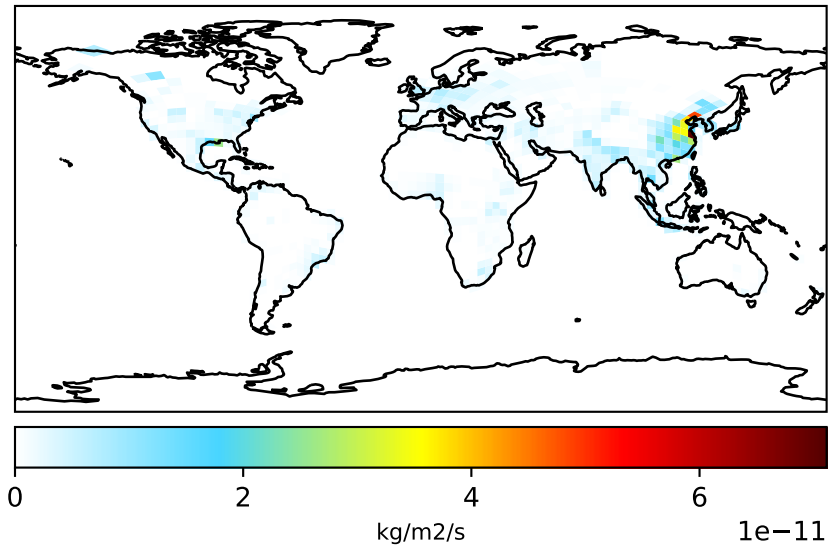


Ratio  
Dev/Ref, Fixed Range

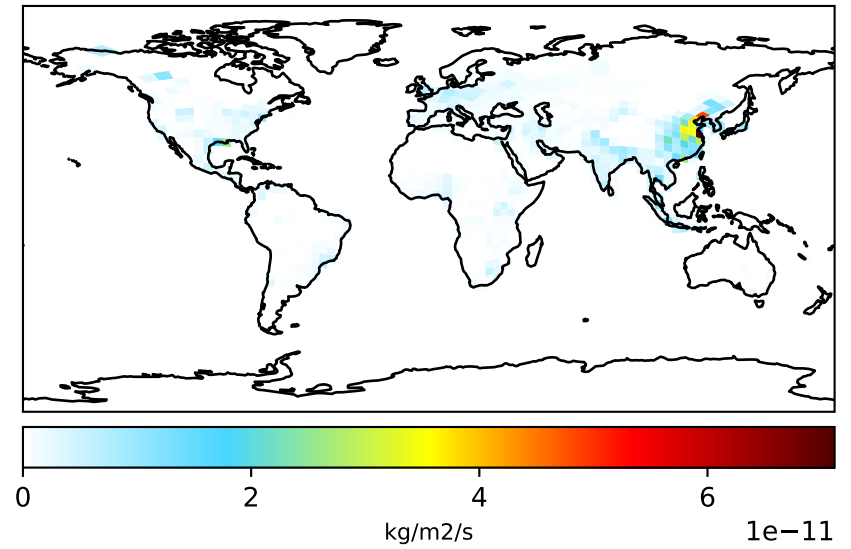


# EmisXYLE\_Anthro

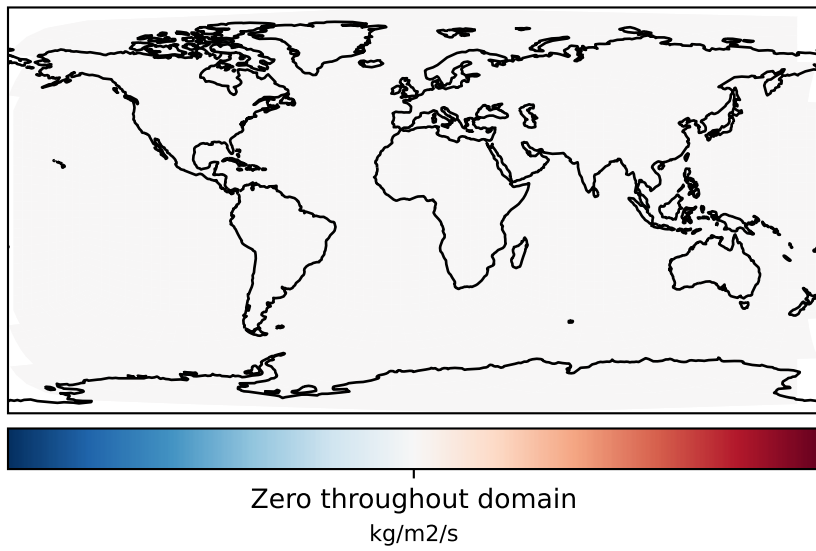
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



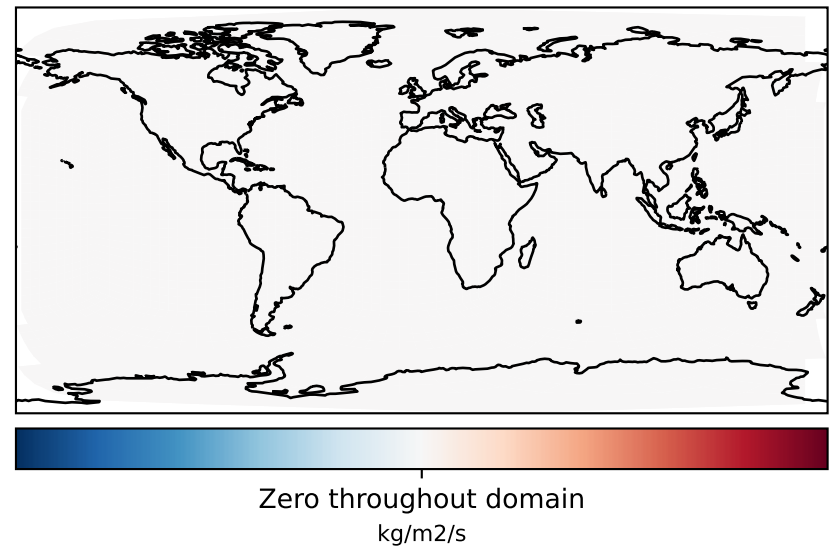
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



Difference  
Dev - Ref, Dynamic Range



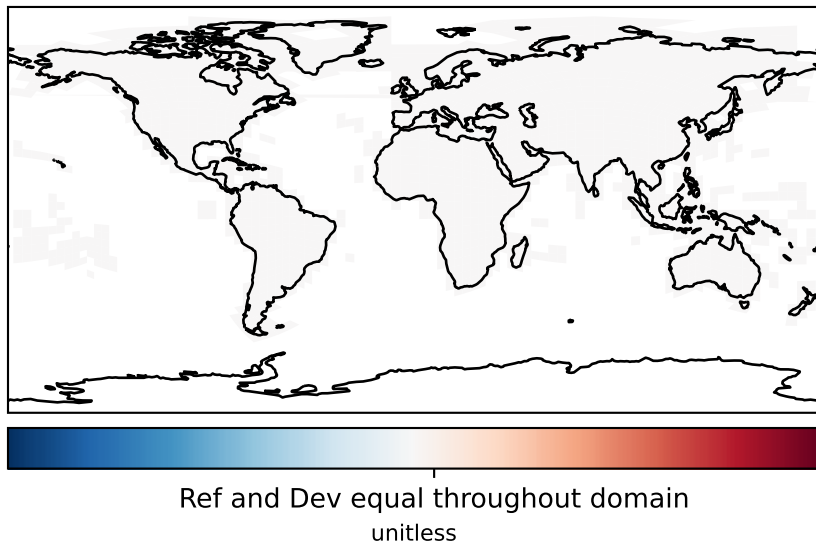
Difference  
Dev - Ref, Restricted Range [5%,95%]



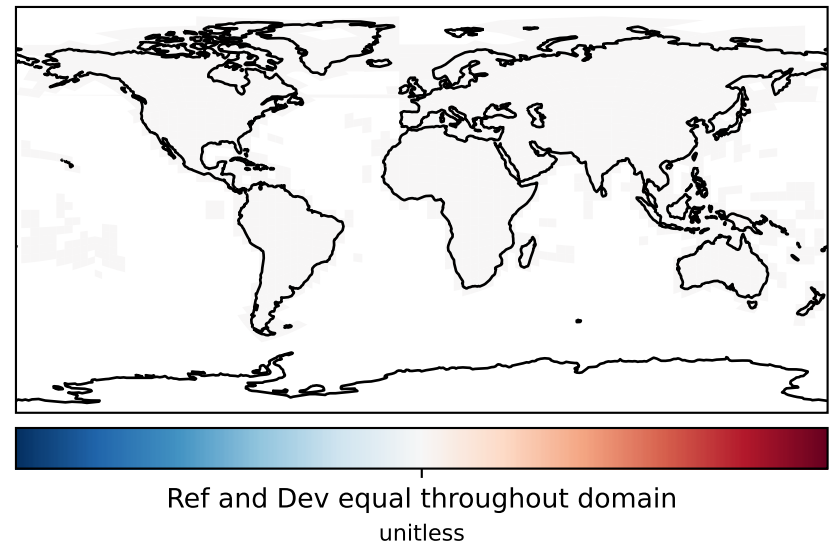
Zero throughout domain  
kg/m2/s

Zero throughout domain  
kg/m2/s

Ratio  
Dev/Ref, Dynamic Range



Ratio  
Dev/Ref, Fixed Range

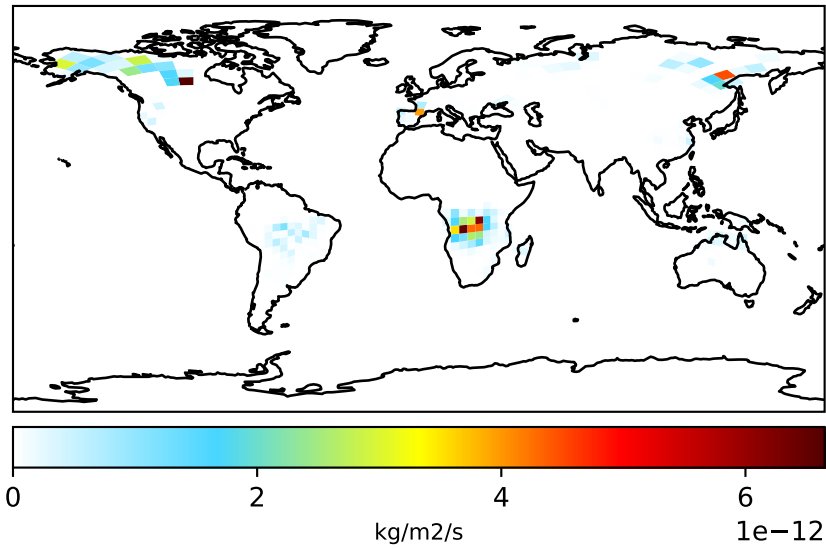


Ref and Dev equal throughout domain  
unitless

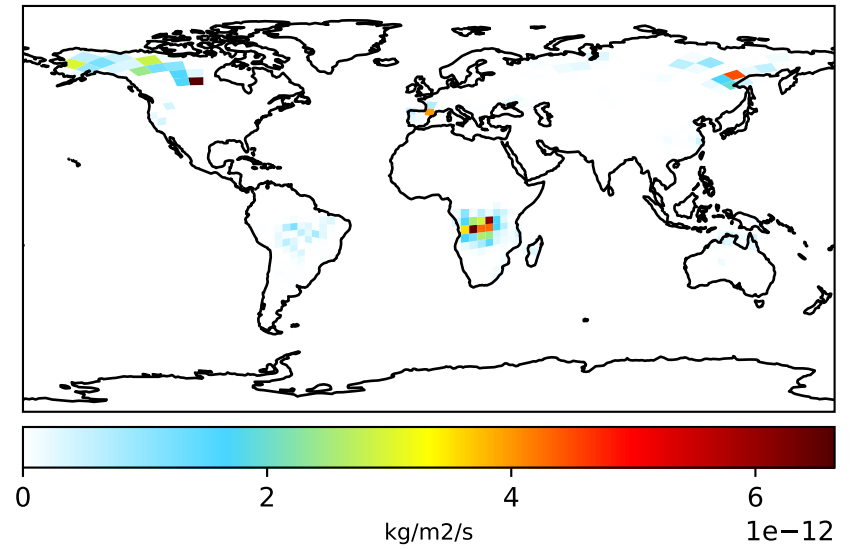
Ref and Dev equal throughout domain  
unitless

# EmisXYLE\_BioBurn

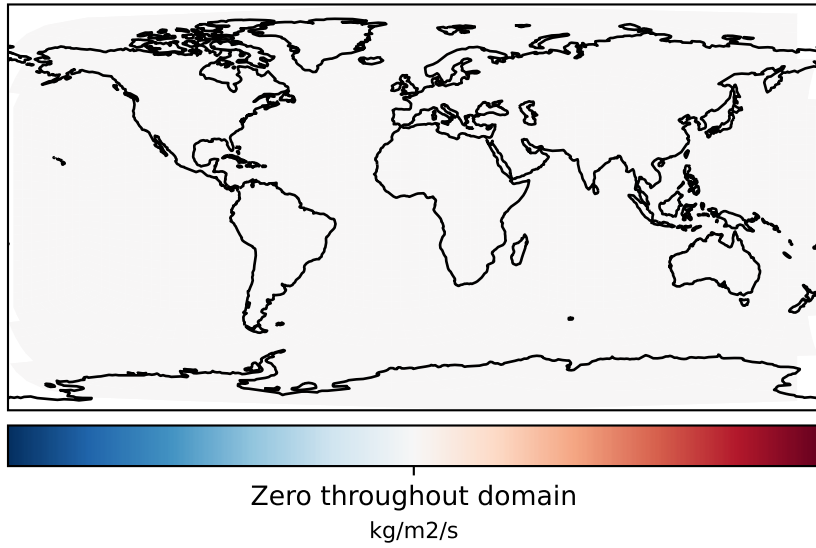
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



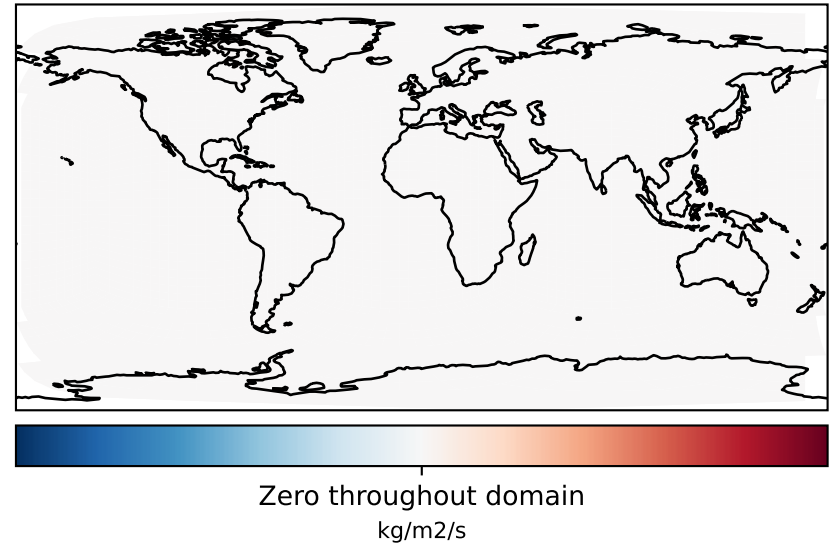
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



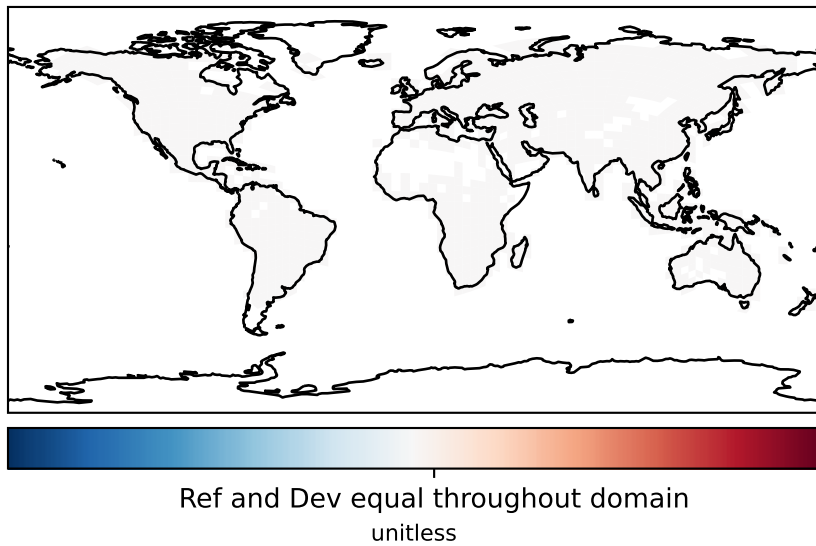
Difference  
Dev - Ref, Dynamic Range



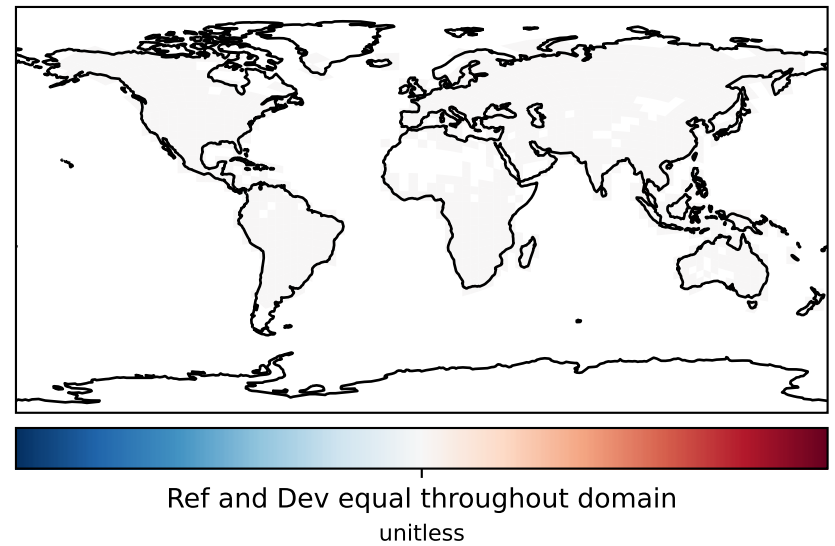
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

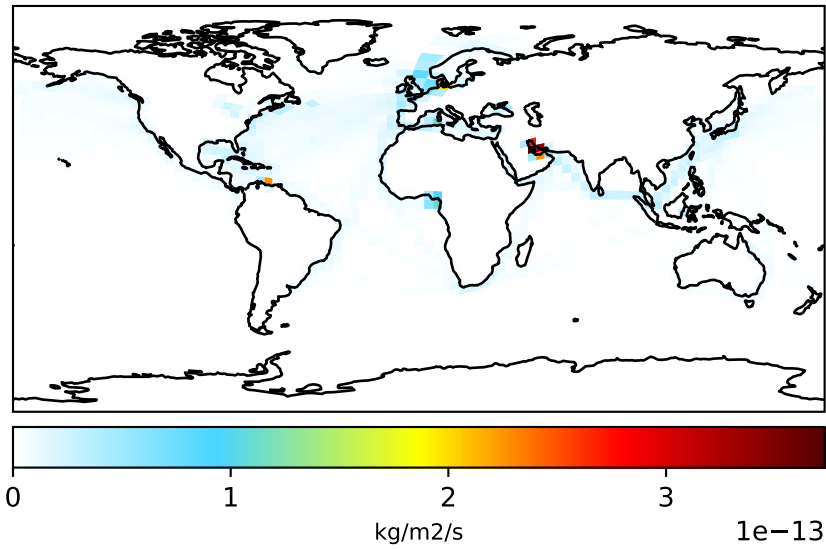


Ratio  
Dev/Ref, Fixed Range

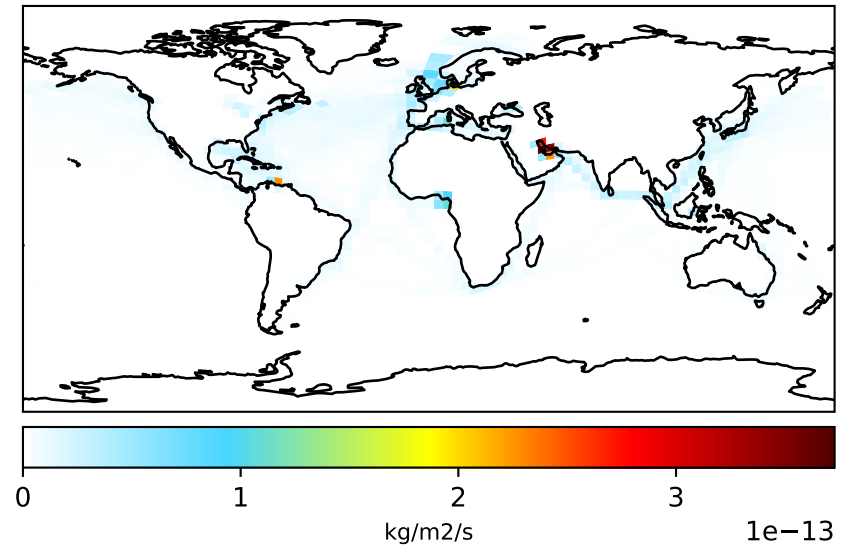


# EmisXYLE\_Ship

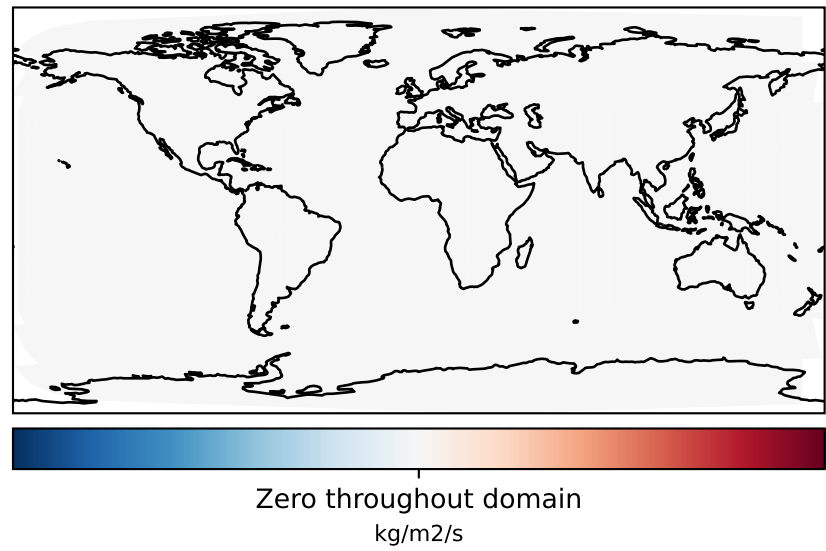
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



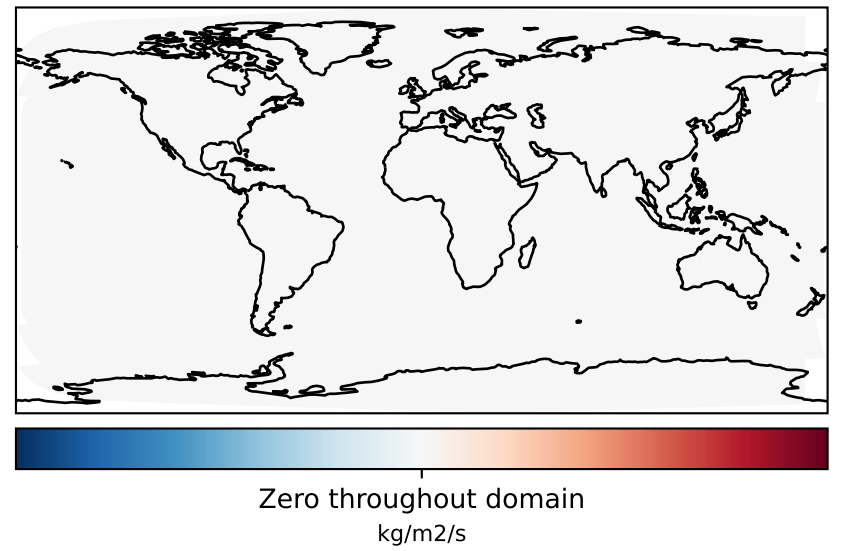
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



Difference  
Dev - Ref, Dynamic Range



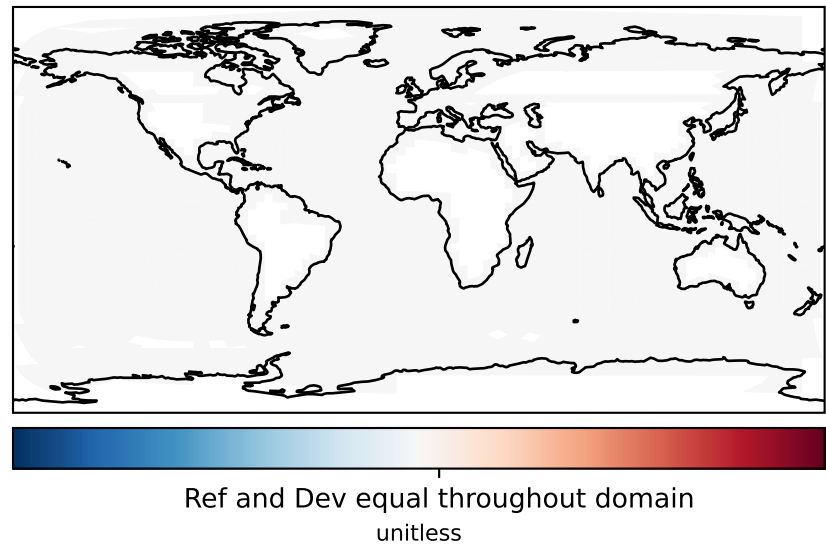
Difference  
Dev - Ref, Restricted Range [5%,95%]



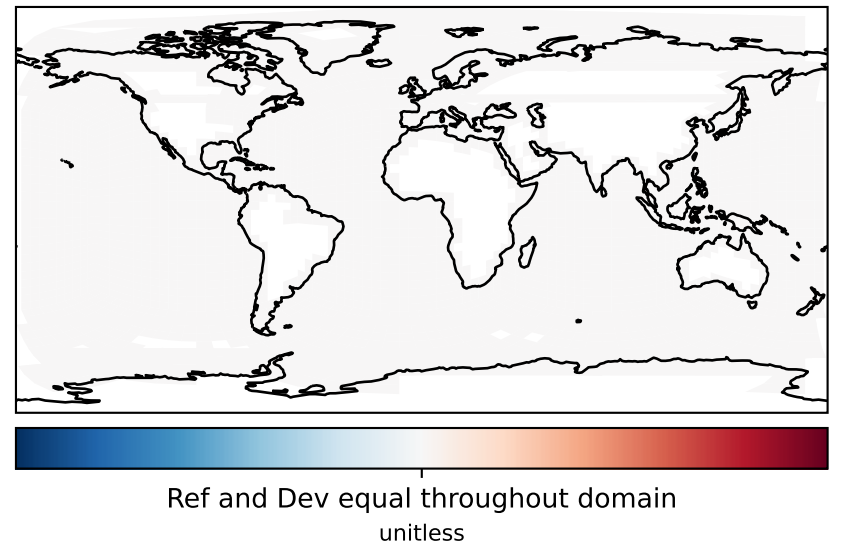
Zero throughout domain  
kg/m2/s

Zero throughout domain  
kg/m2/s

Ratio  
Dev/Ref, Dynamic Range



Ratio  
Dev/Ref, Fixed Range

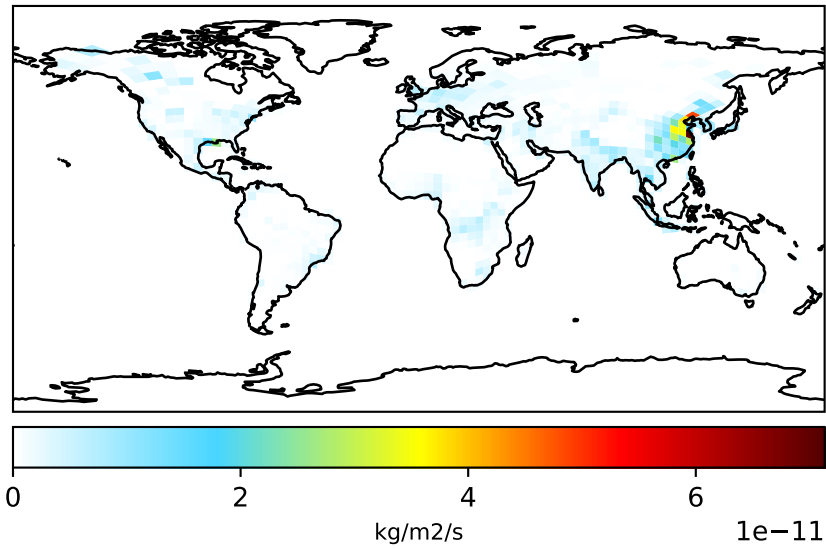


Ref and Dev equal throughout domain  
unitless

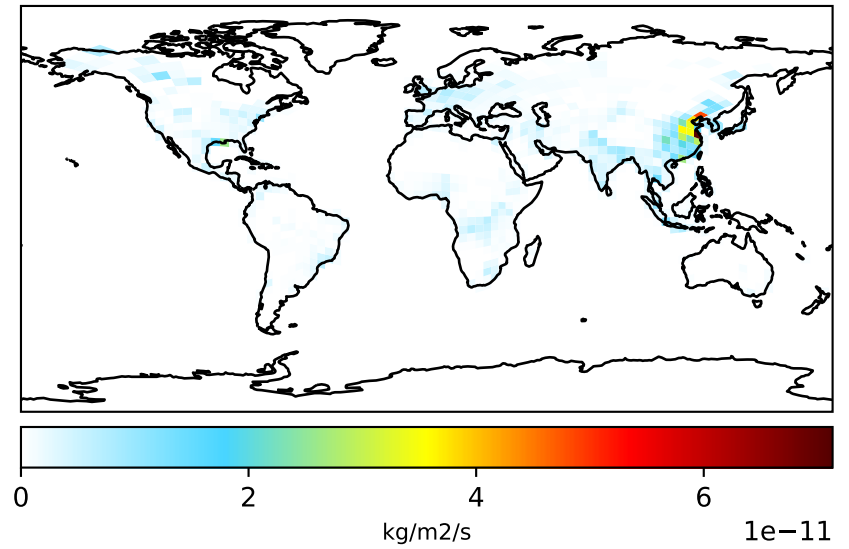
Ref and Dev equal throughout domain  
unitless

# EmisXYLE\_Total

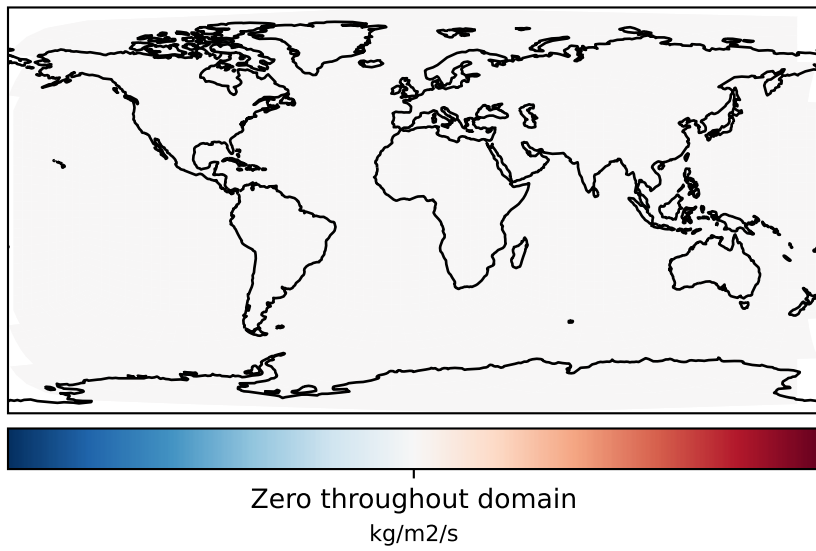
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



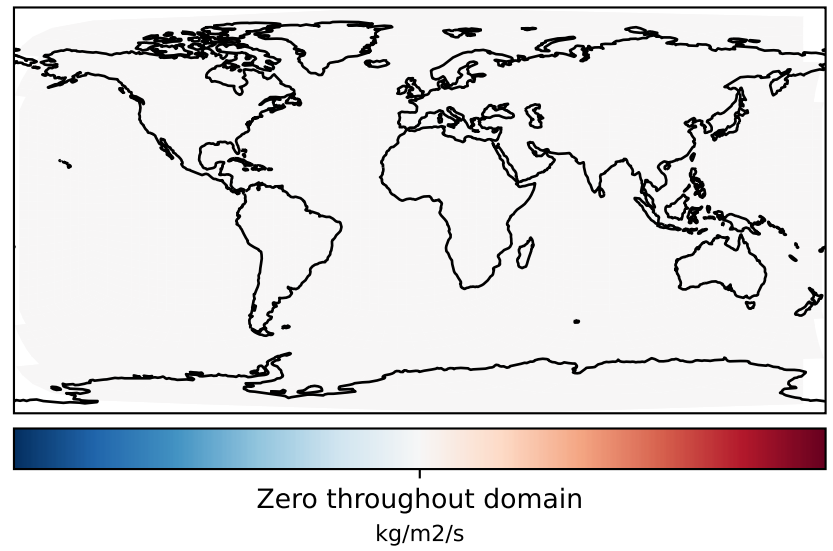
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



Difference  
Dev - Ref, Dynamic Range



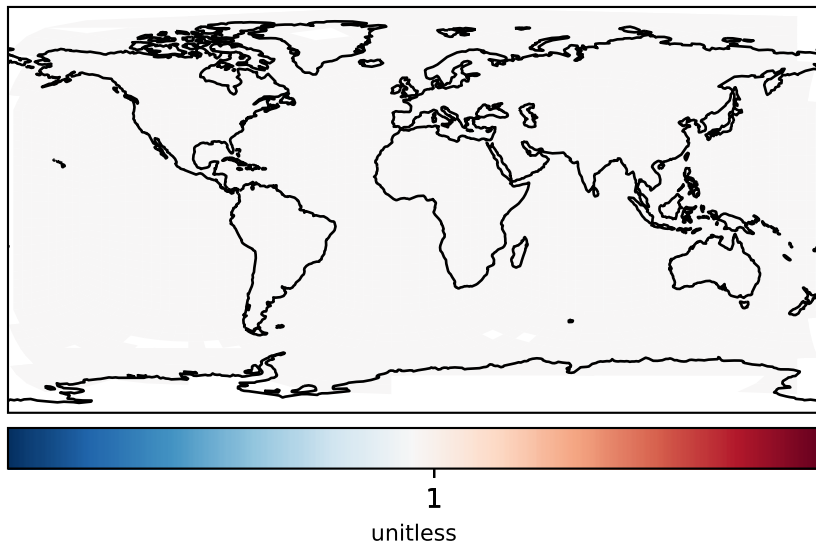
Difference  
Dev - Ref, Restricted Range [5%,95%]



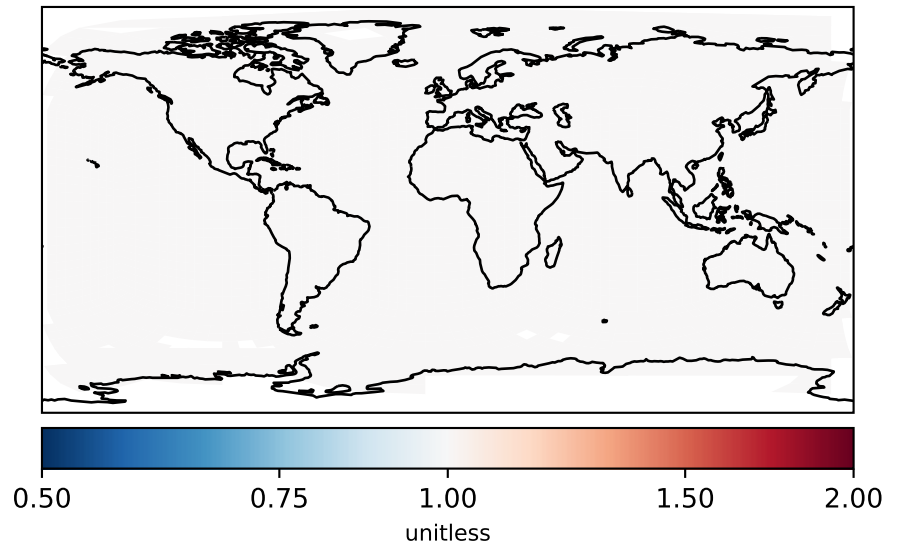
Zero throughout domain  
kg/m2/s

Zero throughout domain  
kg/m2/s

Ratio  
Dev/Ref, Dynamic Range



Ratio  
Dev/Ref, Fixed Range



1  
unitless

1.00  
unitless