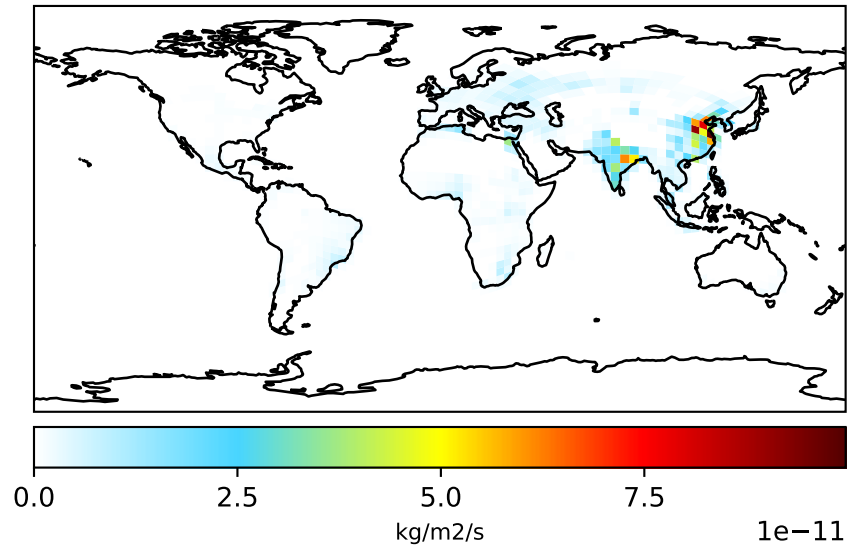
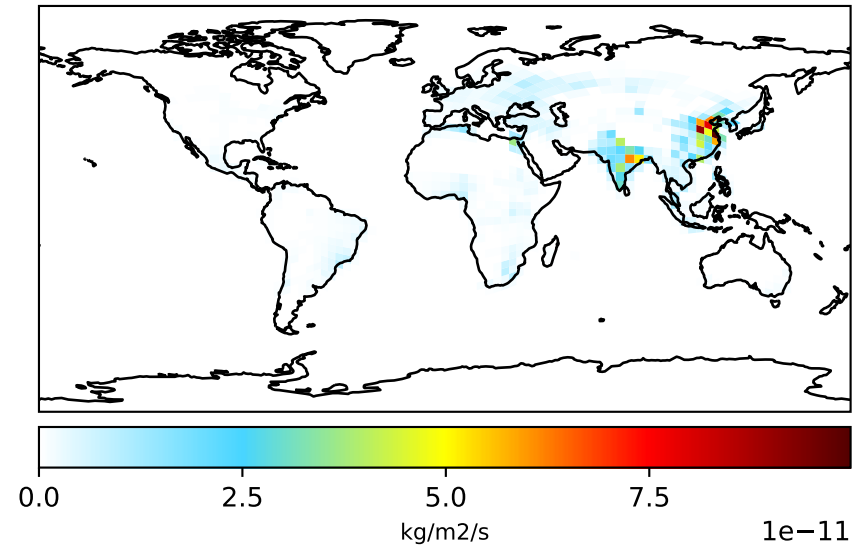


EmisDST1_Anthro

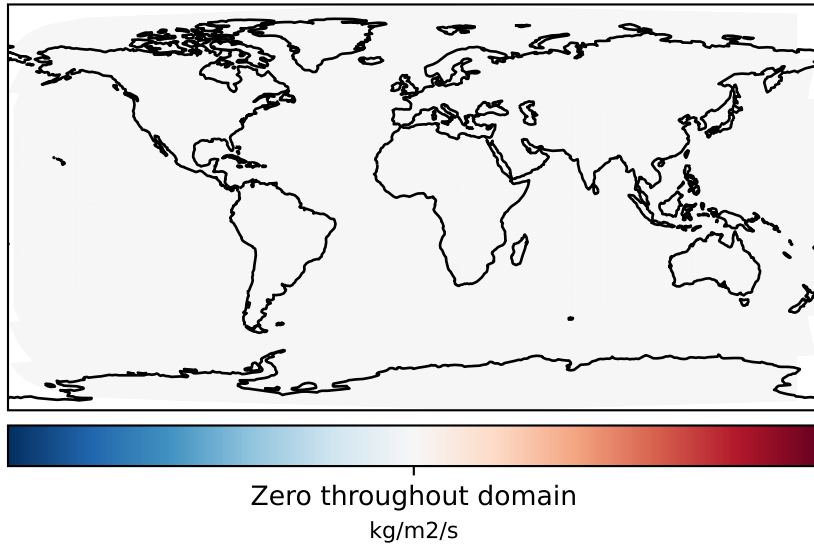
Processed GEOS-FP input, 3-hr winds (Ref)
c24



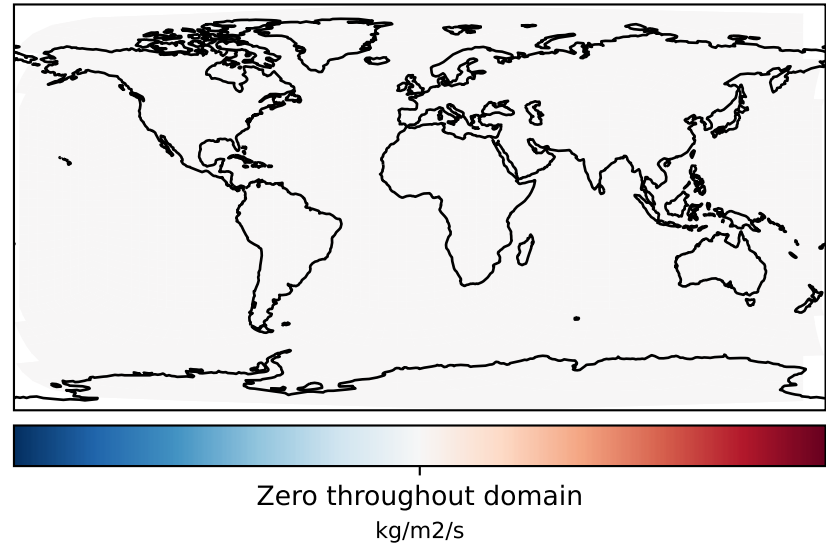
Raw GEOS-FP input, 3-hr winds (Dev)
c24



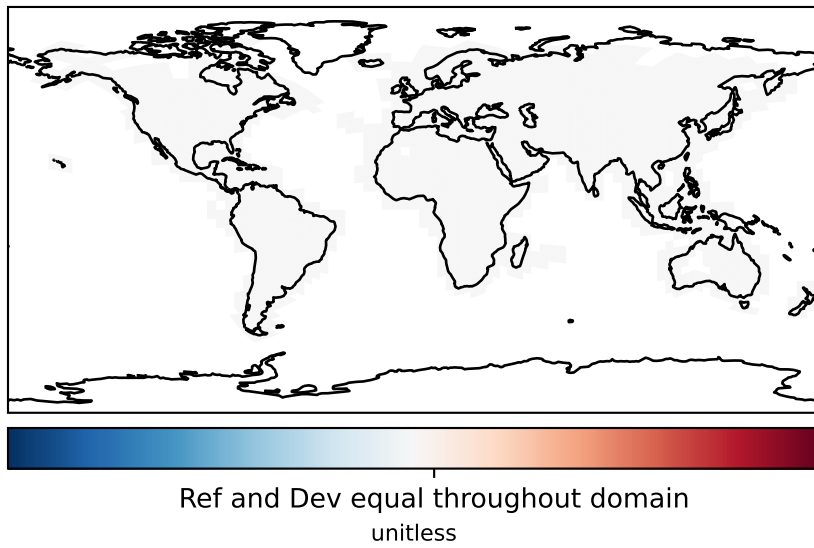
Difference
Dev - Ref, Dynamic Range



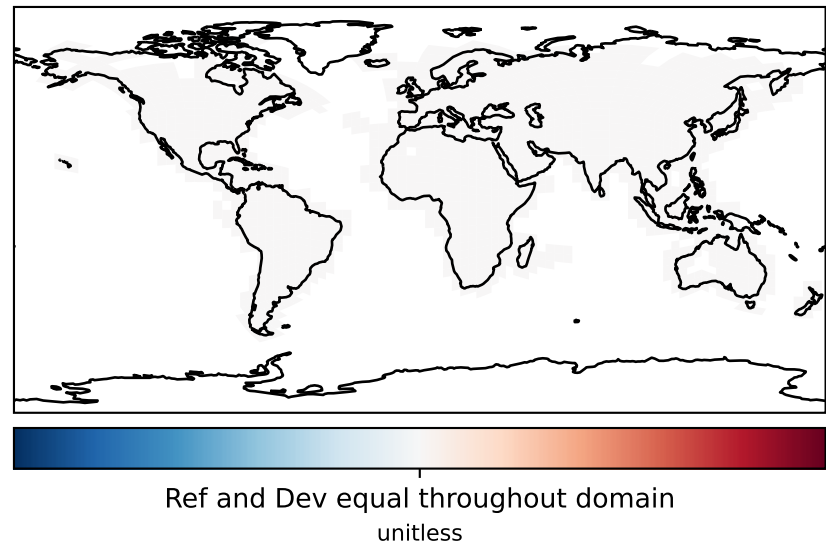
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

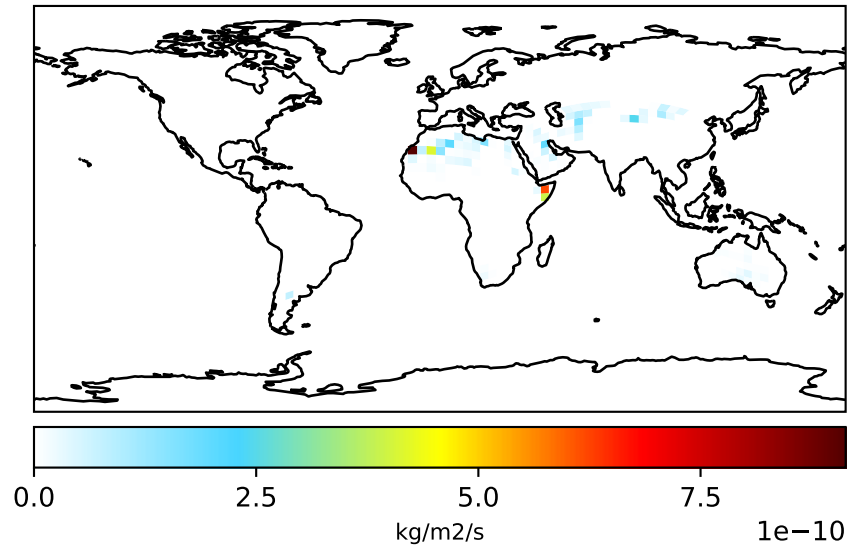


Ratio
Dev/Ref, Fixed Range

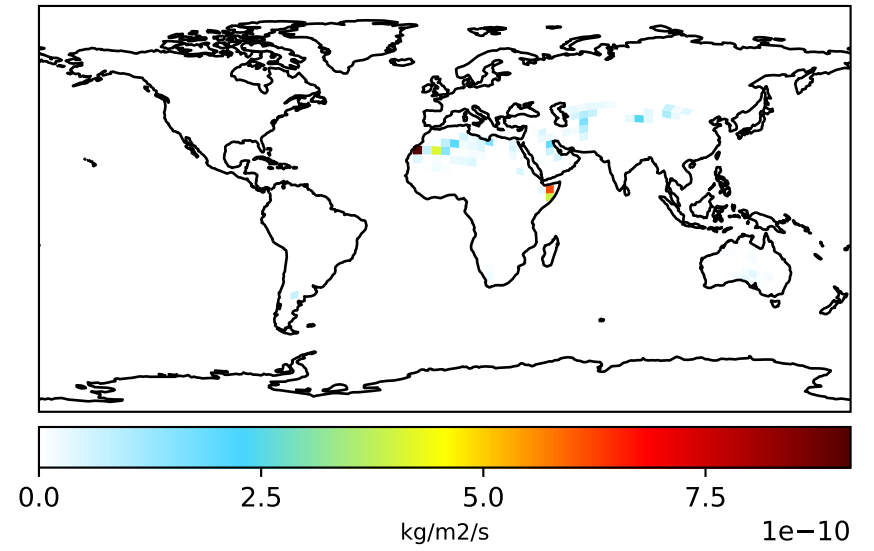


EmisDST1_Natural

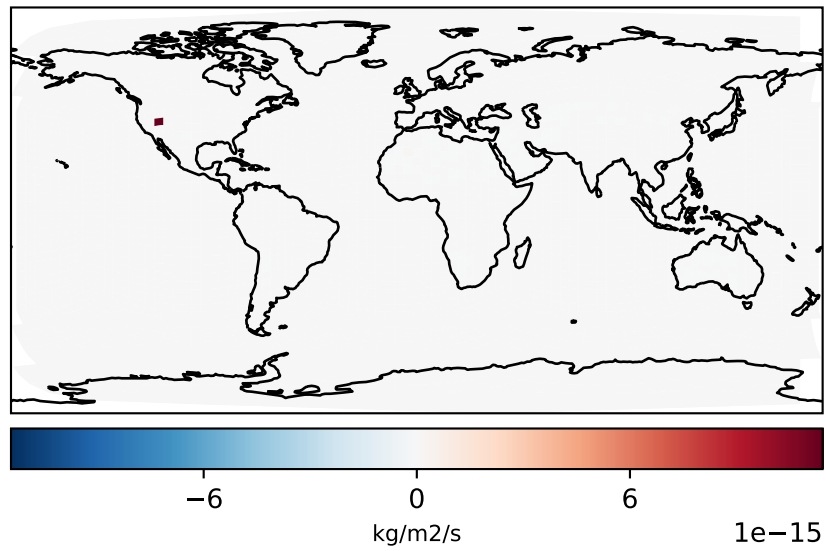
Processed GEOS-FP input, 3-hr winds (Ref)
c24



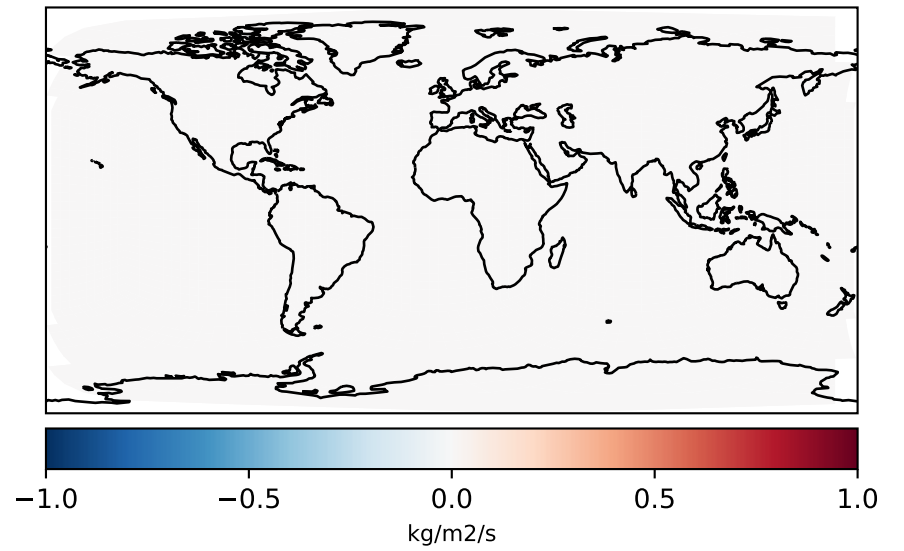
Raw GEOS-FP input, 3-hr winds (Dev)
c24



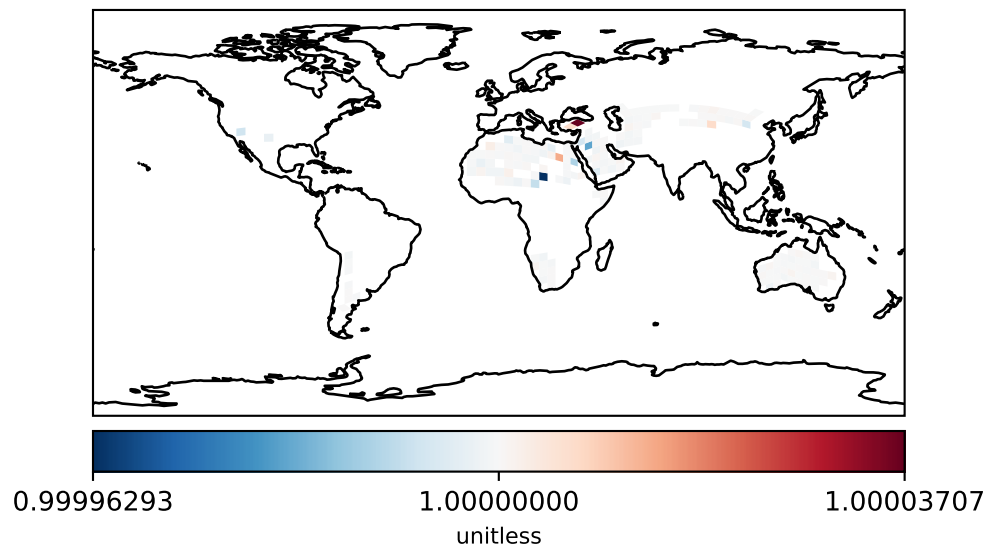
Difference
Dev - Ref, Dynamic Range



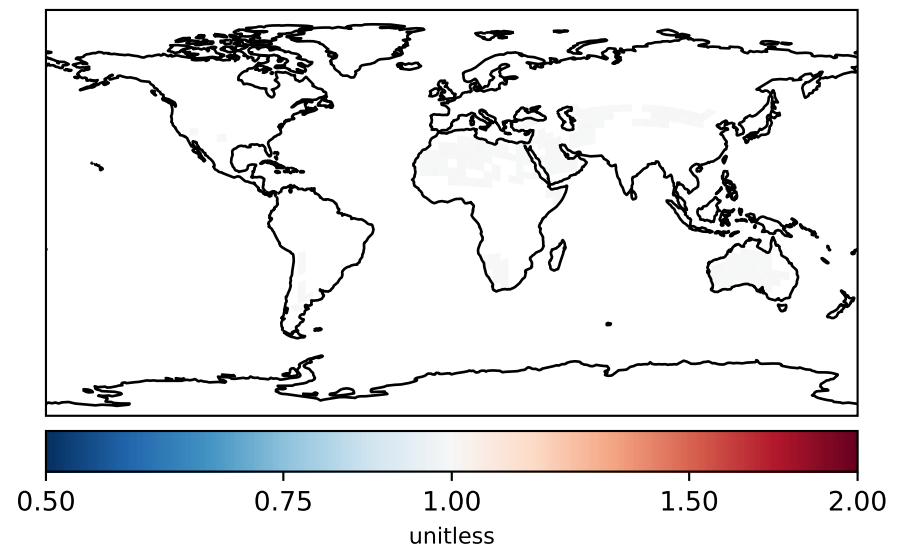
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

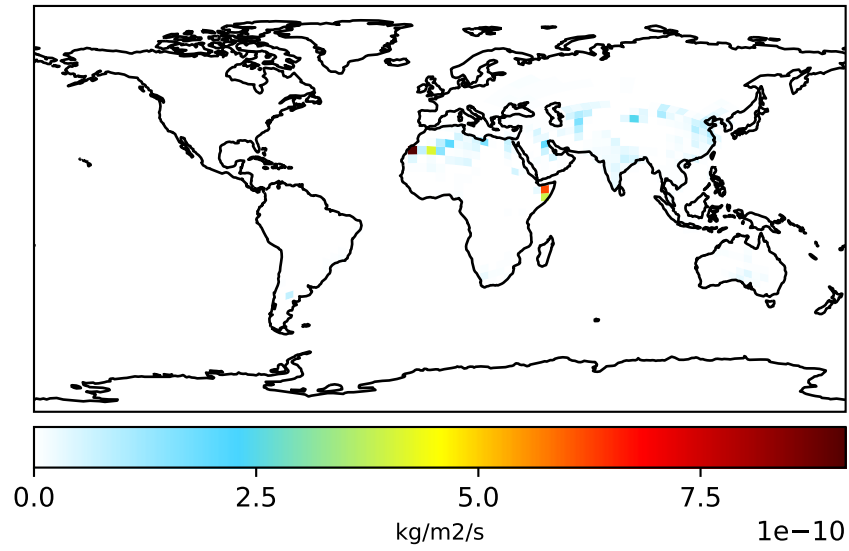


Ratio
Dev/Ref, Fixed Range

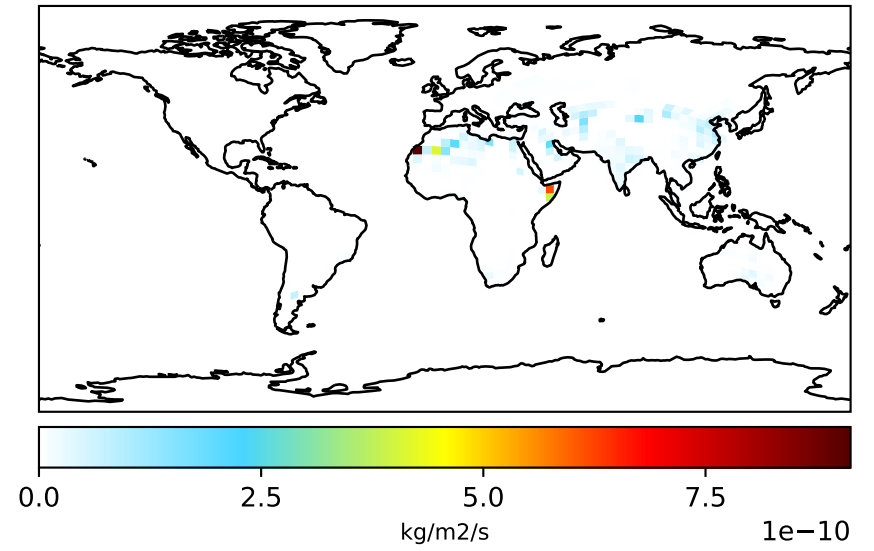


EmisDST1_Total

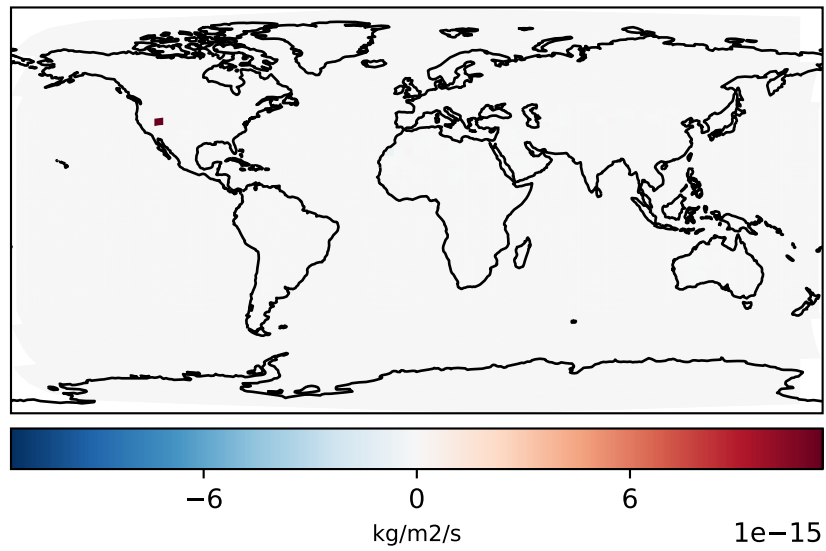
Processed GEOS-FP input, 3-hr winds (Ref)
c24



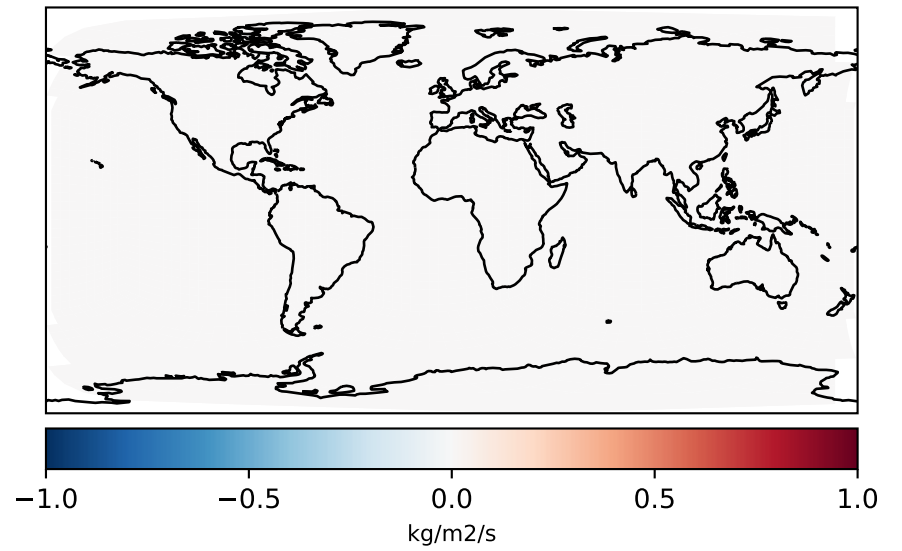
Raw GEOS-FP input, 3-hr winds (Dev)
c24



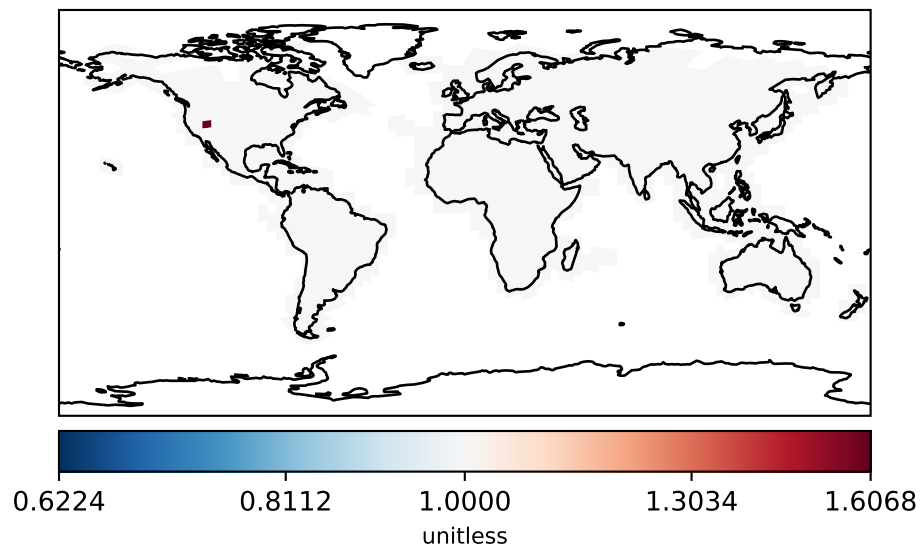
Difference
Dev - Ref, Dynamic Range



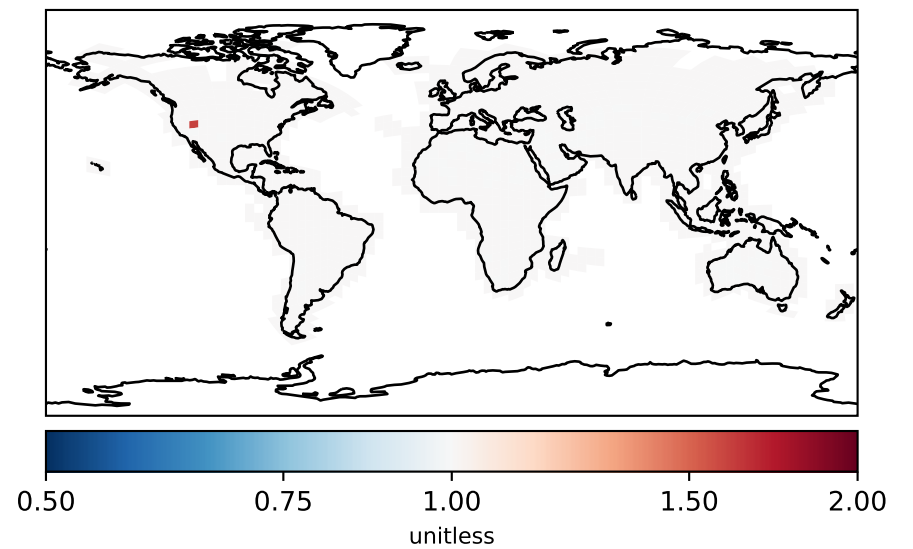
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

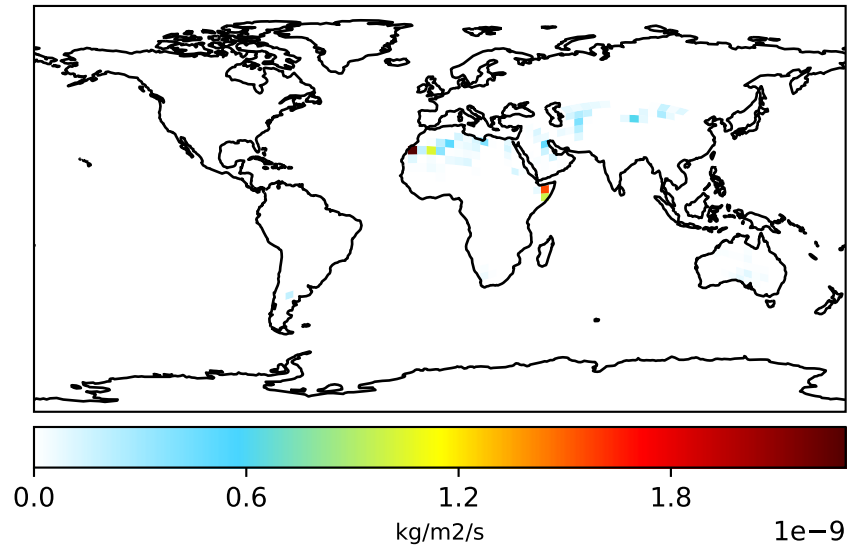


Ratio
Dev/Ref, Fixed Range

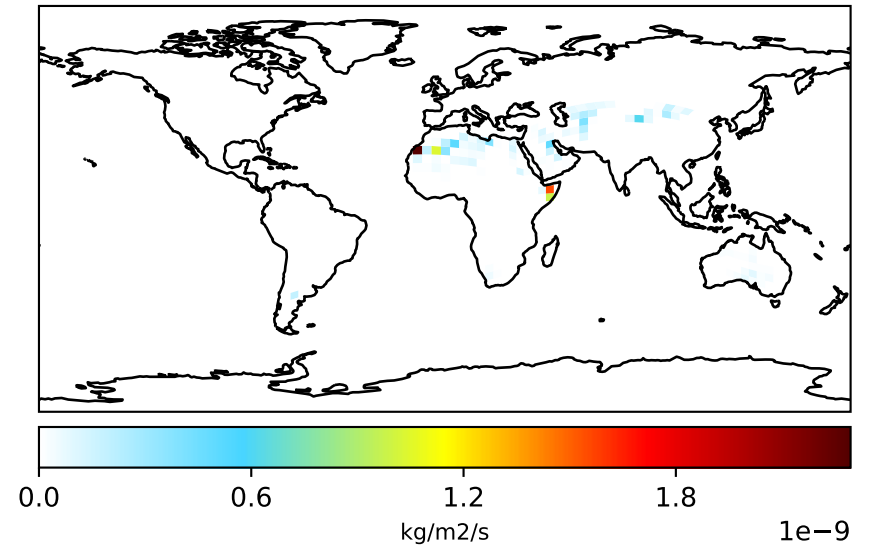


EmisDST2_Natural

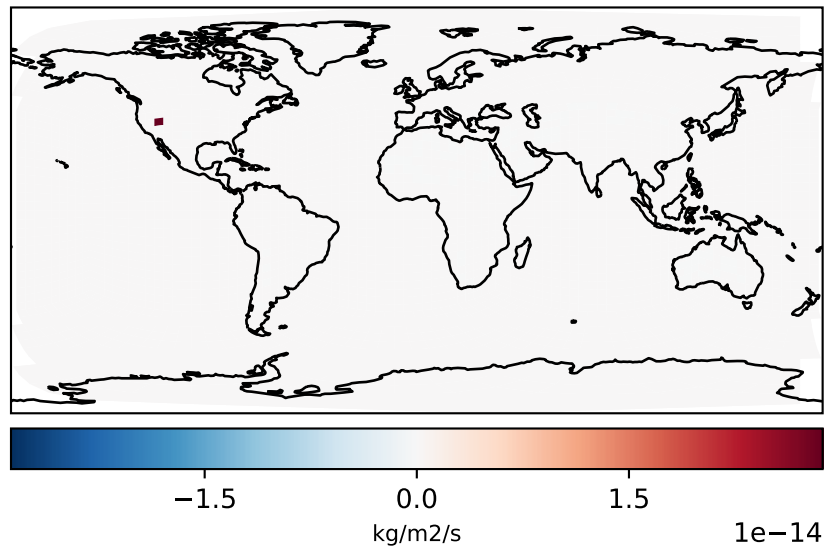
Processed GEOS-FP input, 3-hr winds (Ref)
c24



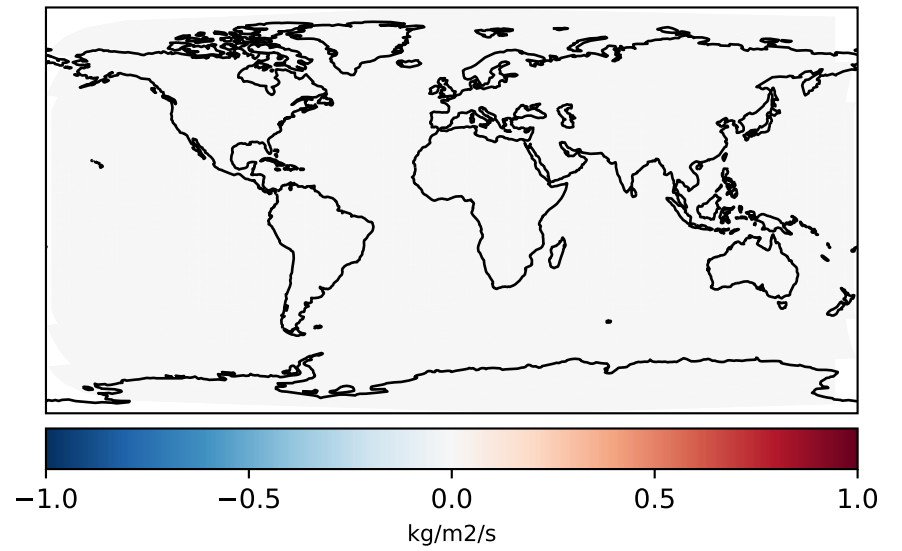
Raw GEOS-FP input, 3-hr winds (Dev)
c24



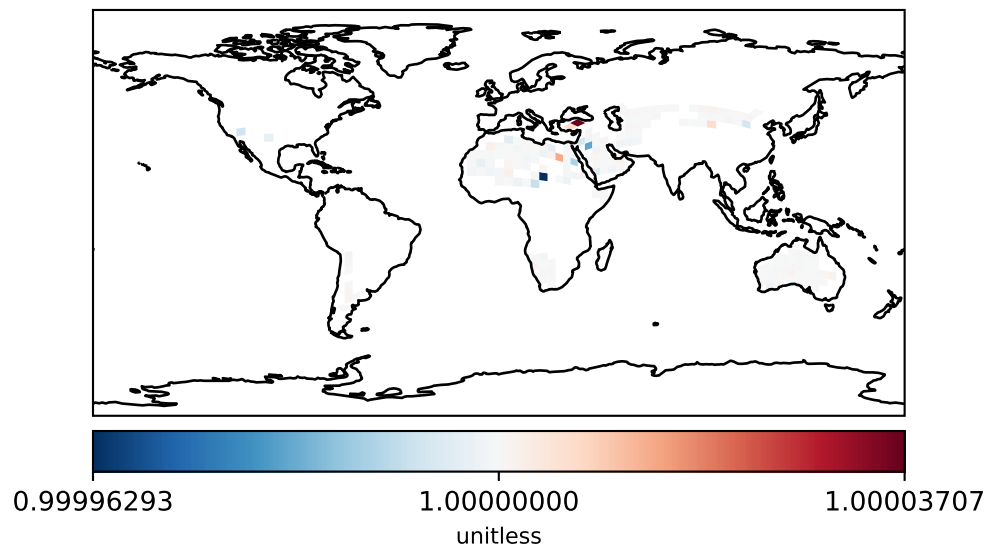
Difference
Dev - Ref, Dynamic Range



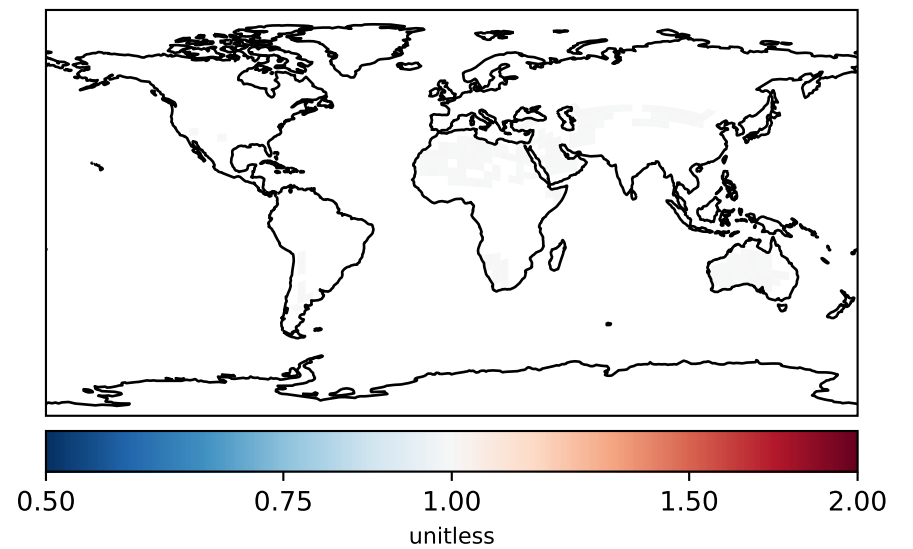
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

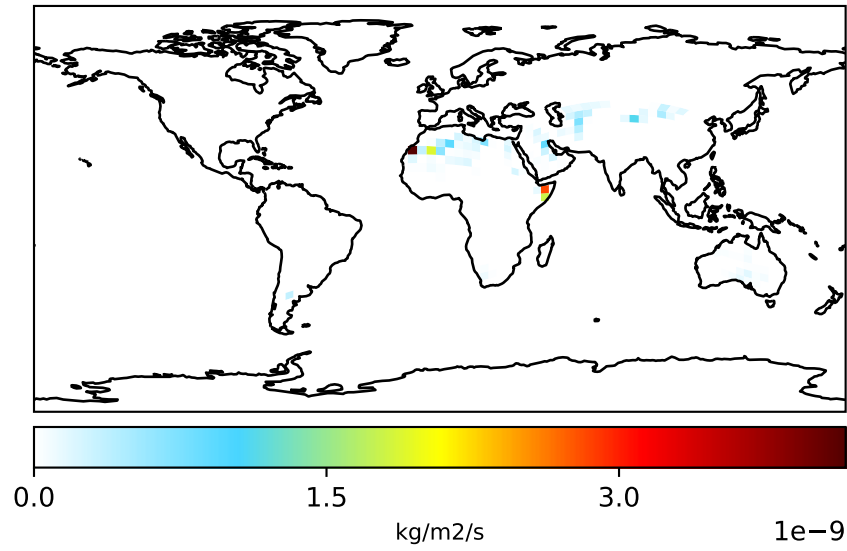


Ratio
Dev/Ref, Fixed Range

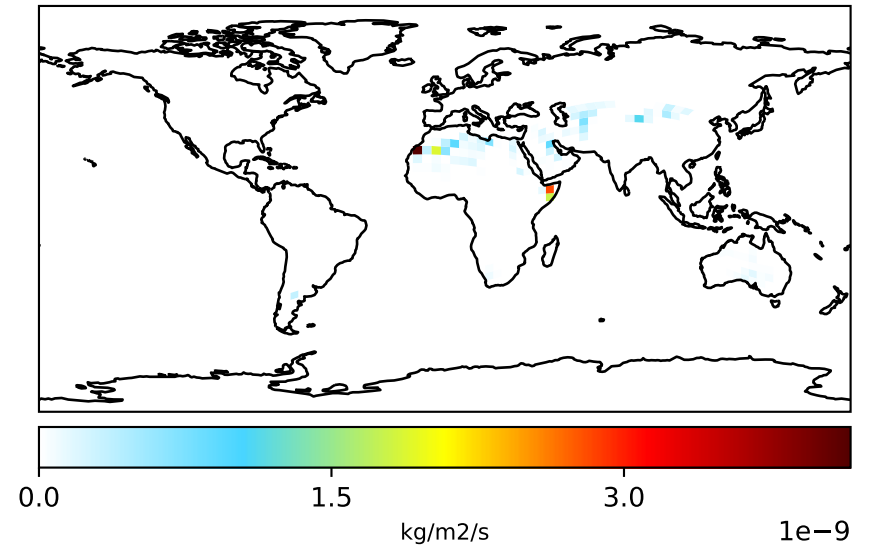


EmisDST3_Natural

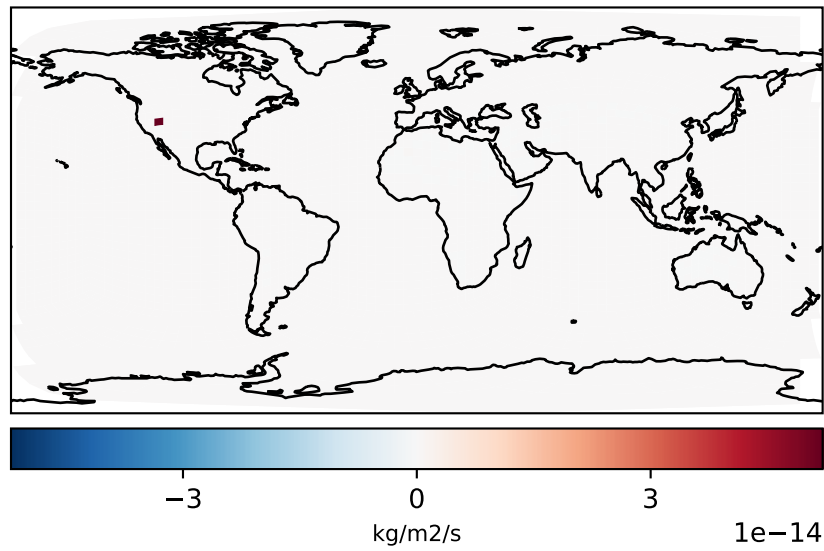
Processed GEOS-FP input, 3-hr winds (Ref)
c24



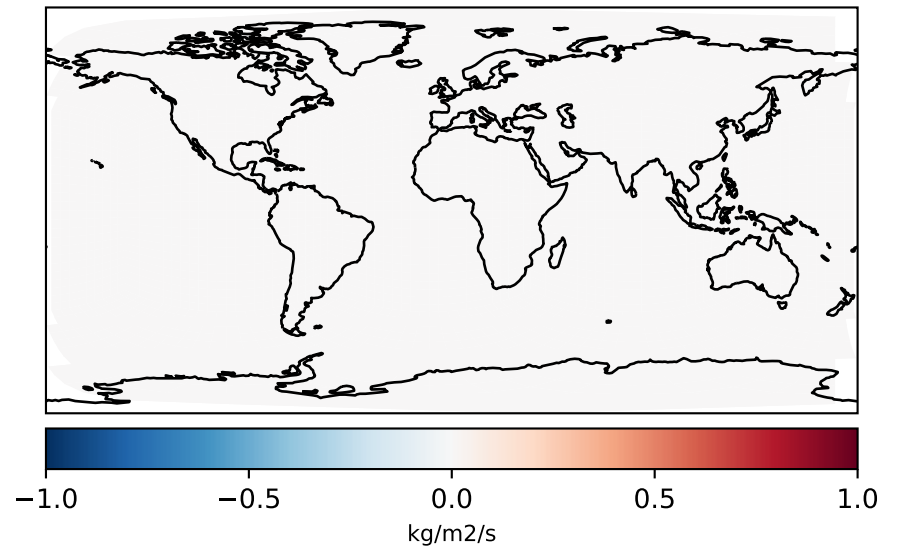
Raw GEOS-FP input, 3-hr winds (Dev)
c24



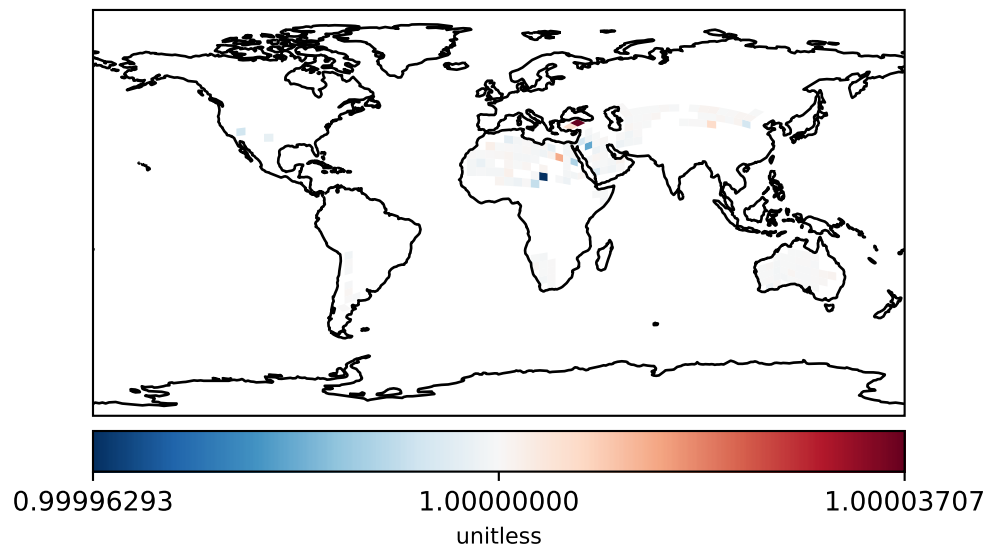
Difference
Dev - Ref, Dynamic Range



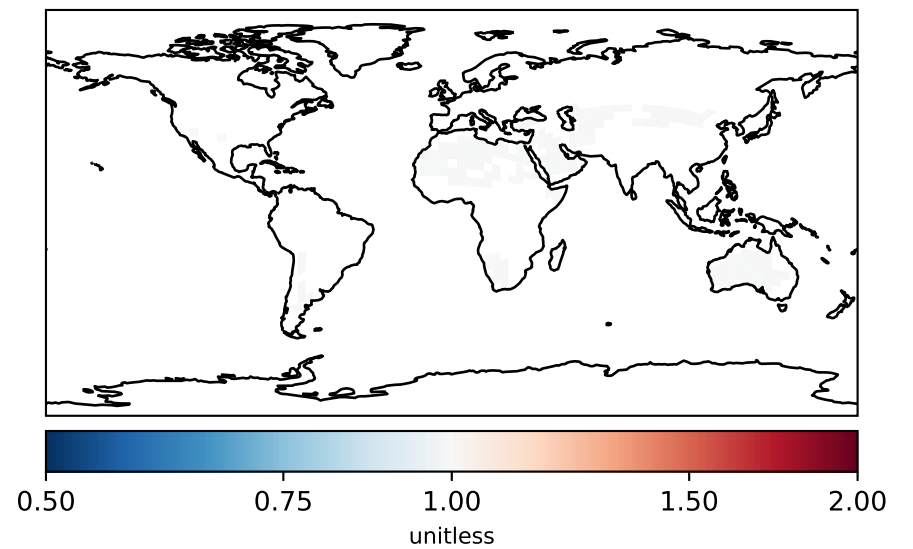
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

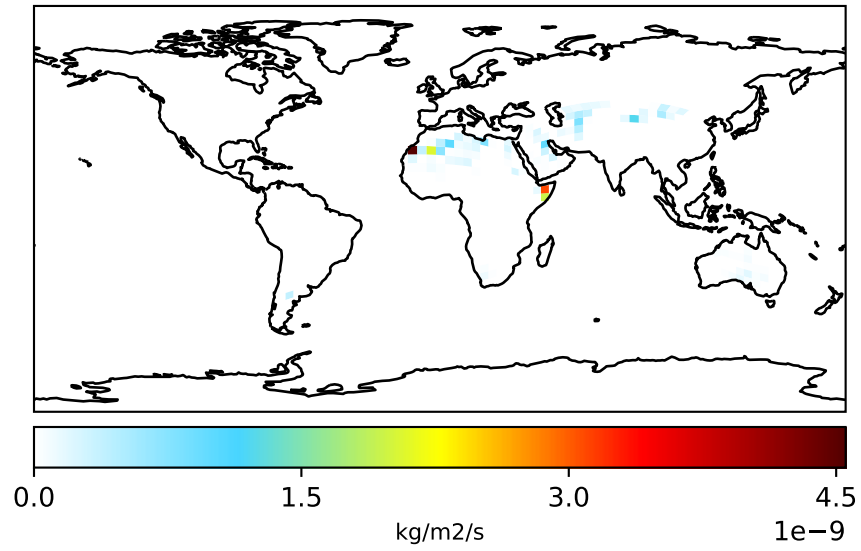


Ratio
Dev/Ref, Fixed Range

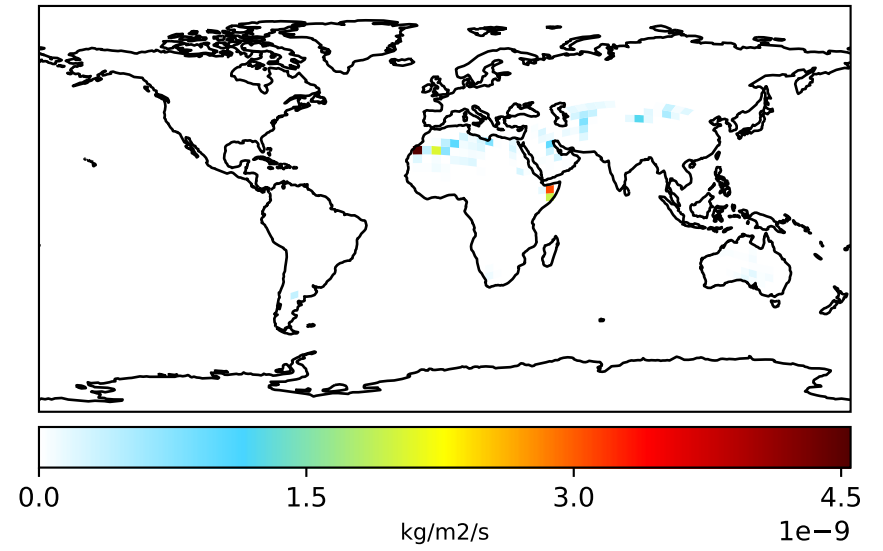


EmisDST4_Natural

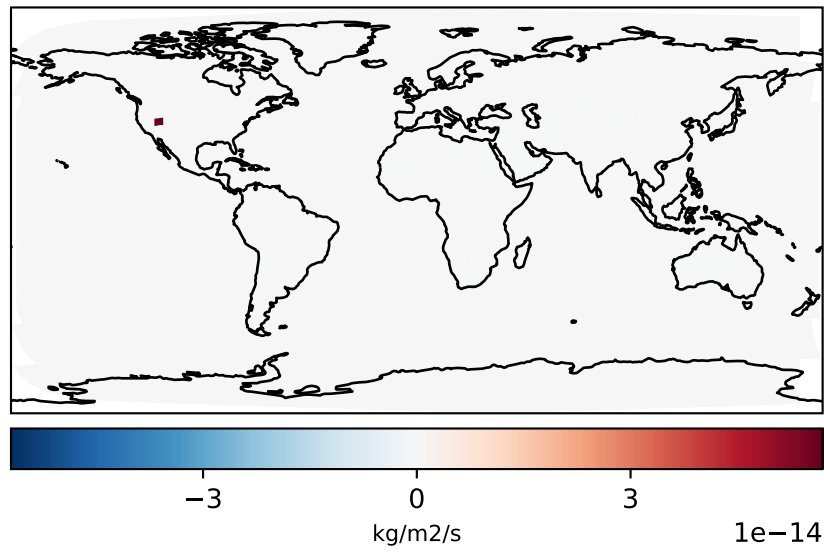
Processed GEOS-FP input, 3-hr winds (Ref)
c24



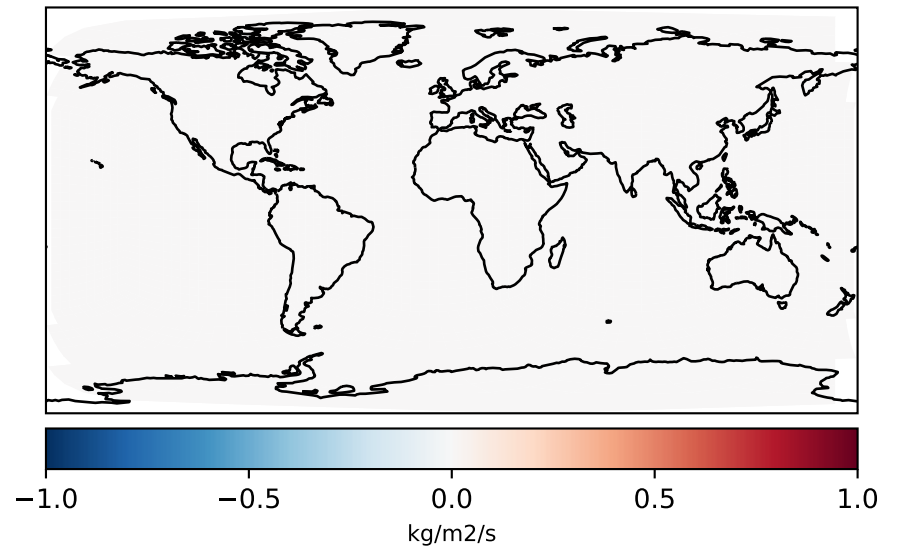
Raw GEOS-FP input, 3-hr winds (Dev)
c24



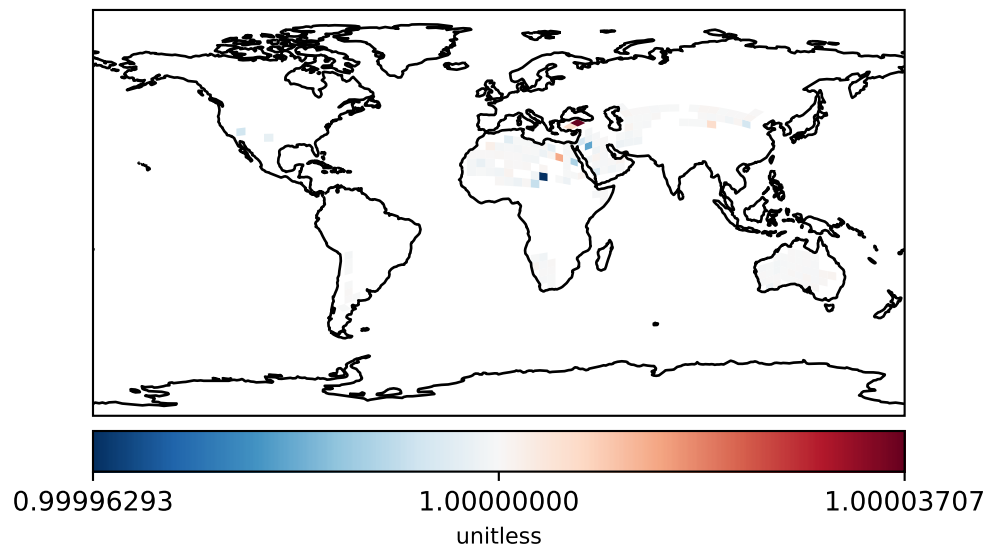
Difference
Dev - Ref, Dynamic Range



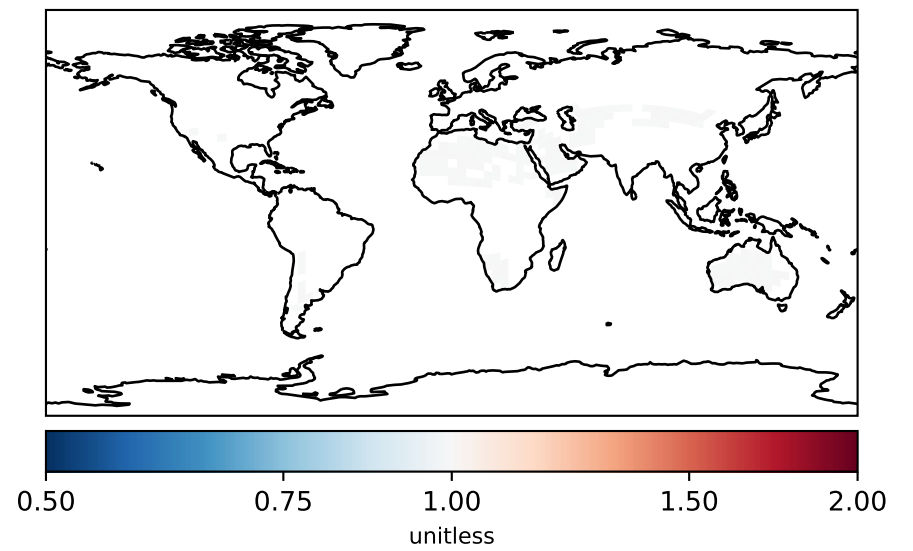
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

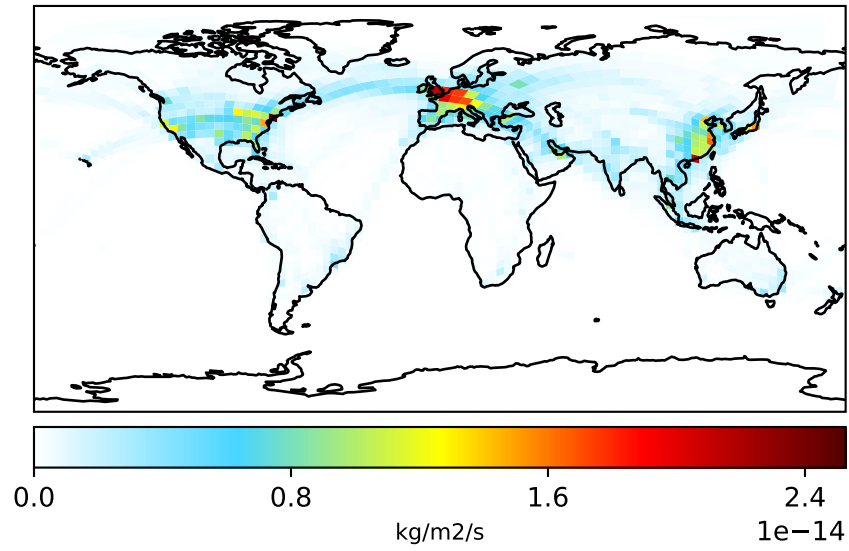


Ratio
Dev/Ref, Fixed Range

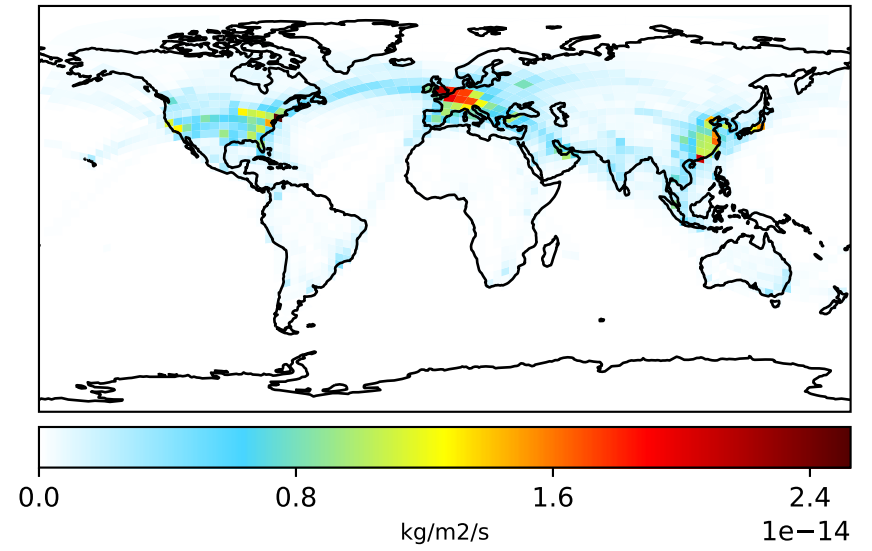


EmisSO4_Aircraft

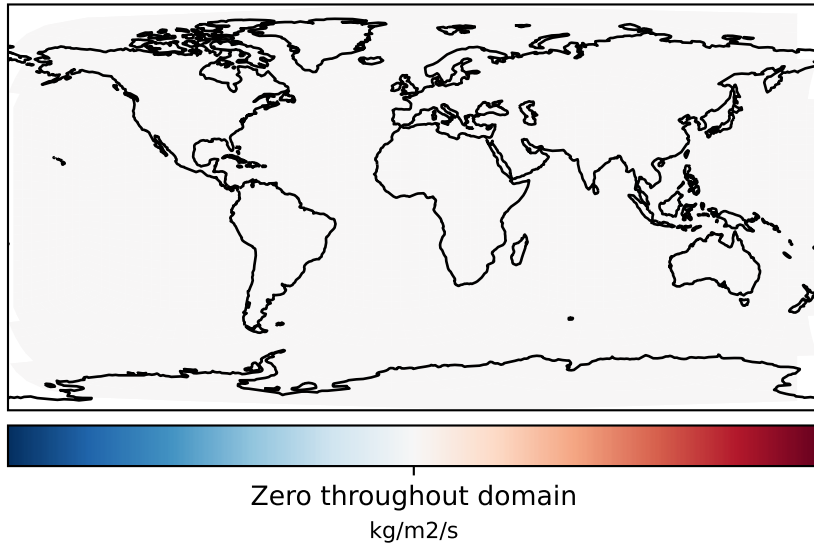
Processed GEOS-FP input, 3-hr winds (Ref)
c24



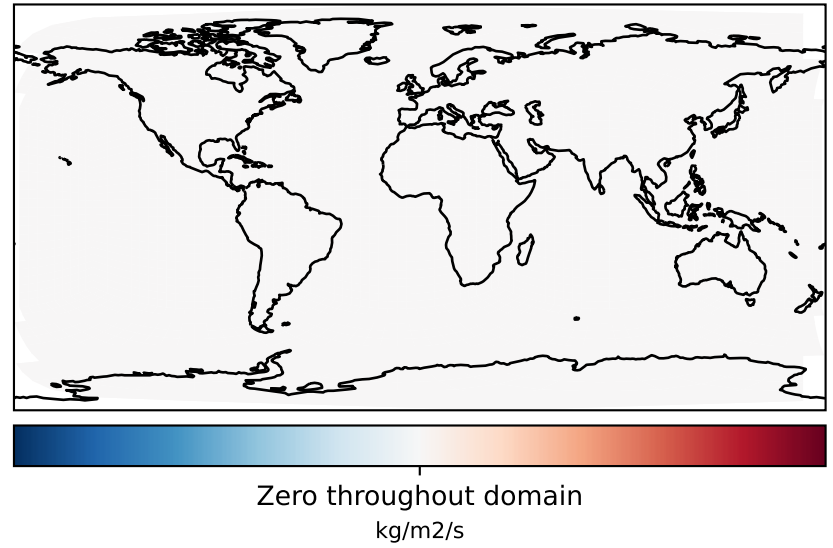
Raw GEOS-FP input, 3-hr winds (Dev)
c24



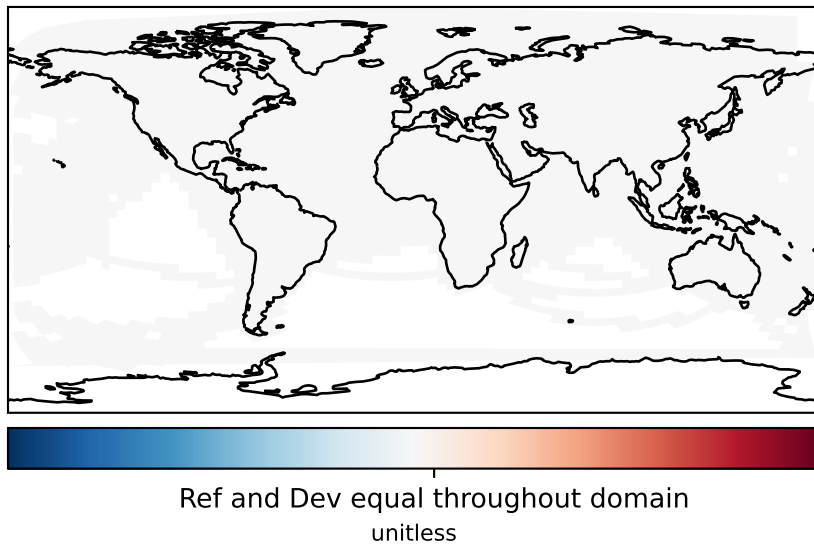
Difference
Dev - Ref, Dynamic Range



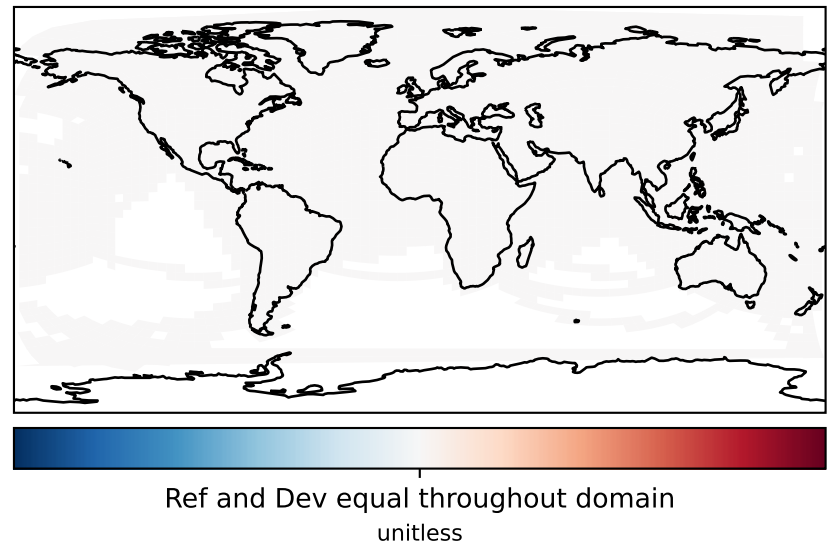
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

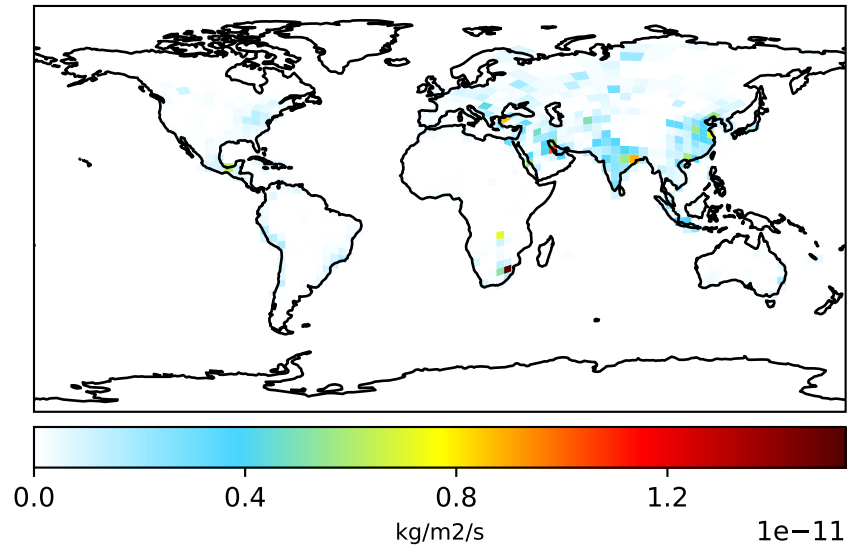


Ratio
Dev/Ref, Fixed Range

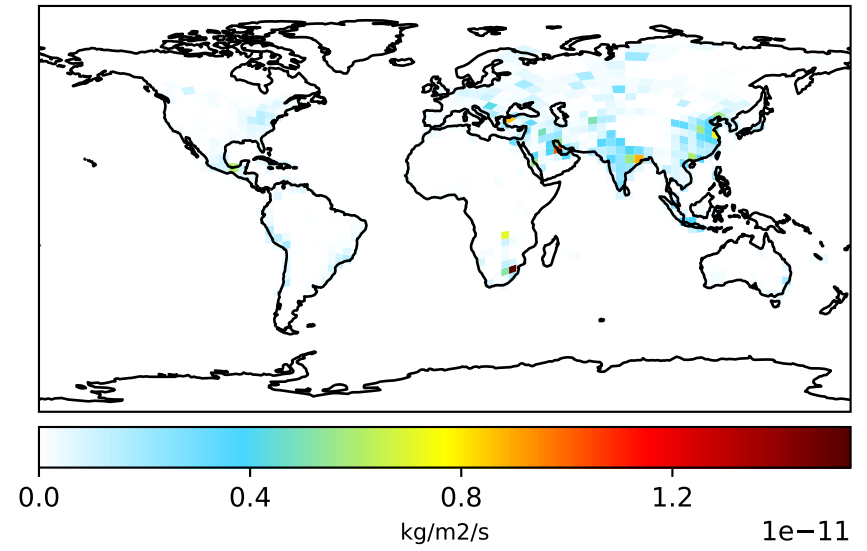


EmisSO4_Anthro

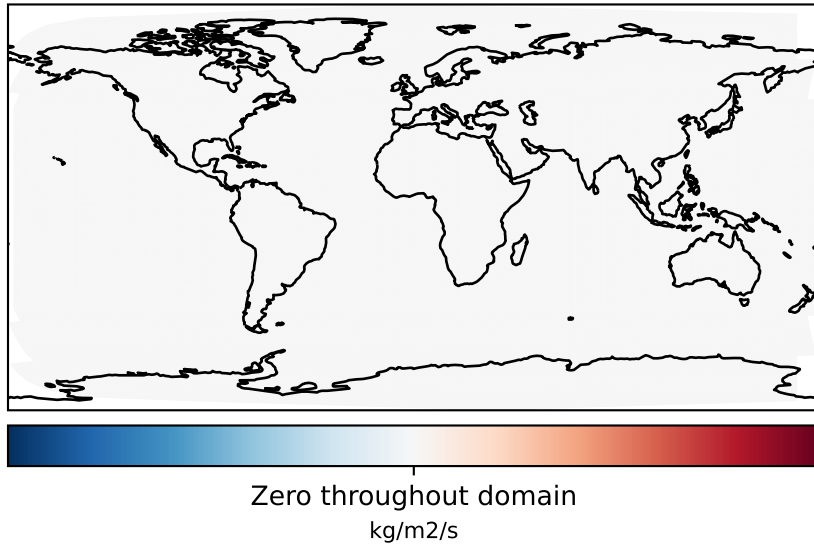
Processed GEOS-FP input, 3-hr winds (Ref)
c24



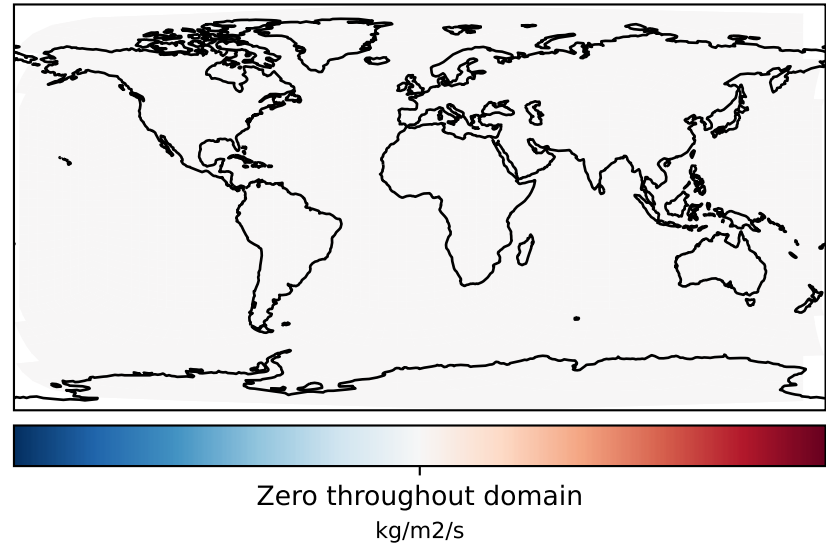
Raw GEOS-FP input, 3-hr winds (Dev)
c24



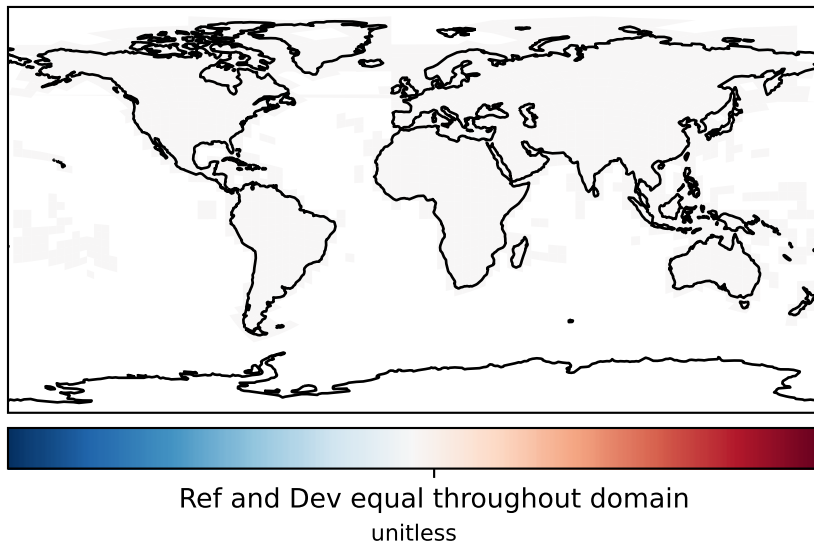
Difference
Dev - Ref, Dynamic Range



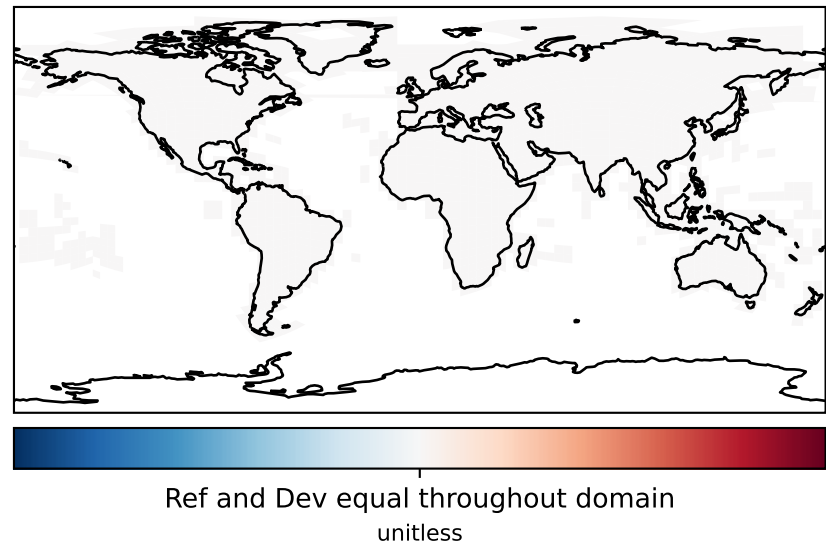
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

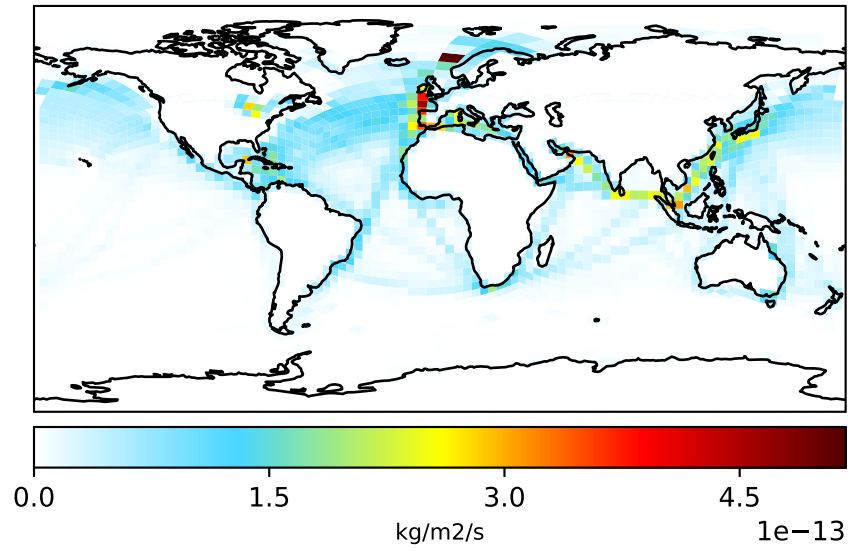


Ratio
Dev/Ref, Fixed Range

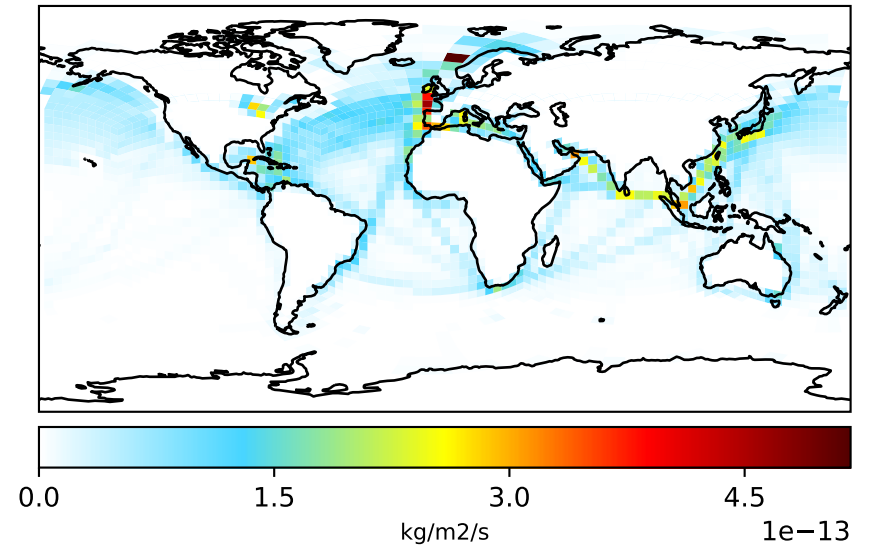


EmisSO4_Ship

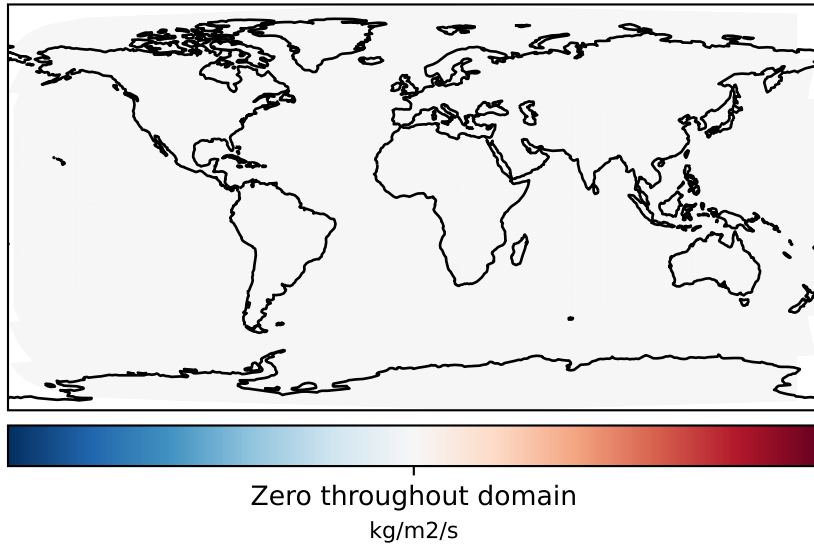
Processed GEOS-FP input, 3-hr winds (Ref)
c24



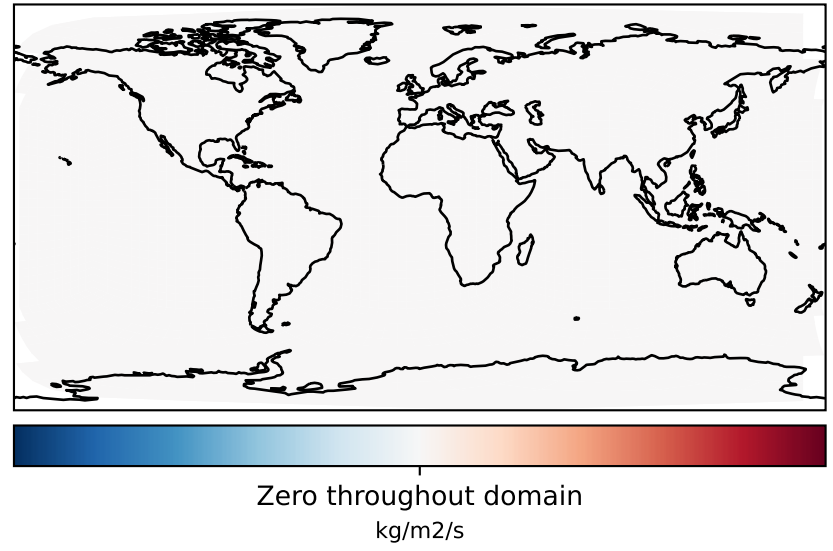
Raw GEOS-FP input, 3-hr winds (Dev)
c24



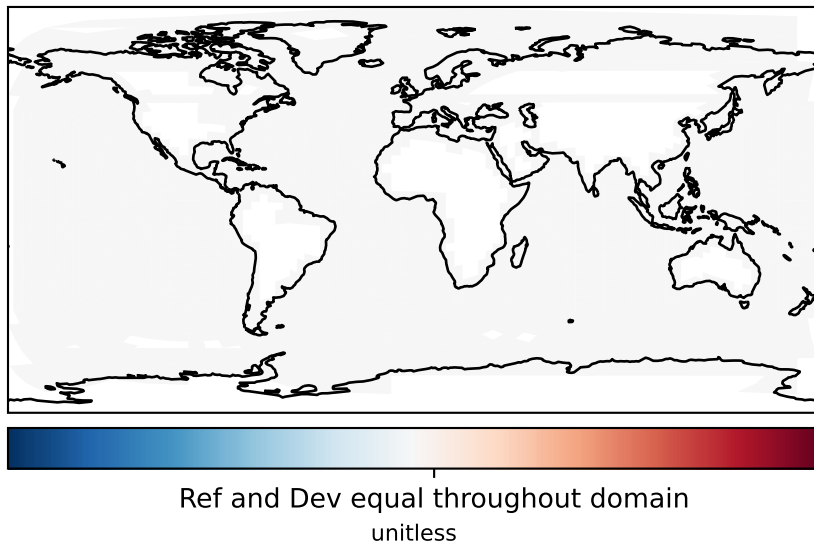
Difference
Dev - Ref, Dynamic Range



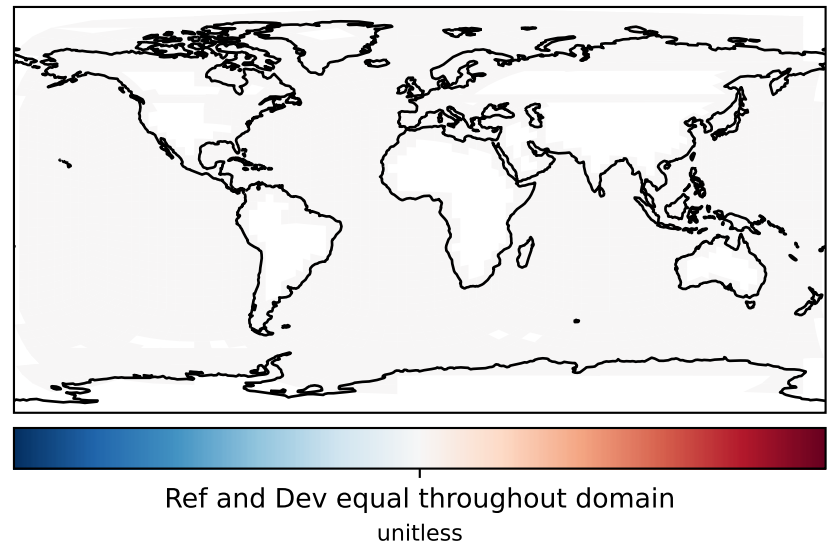
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

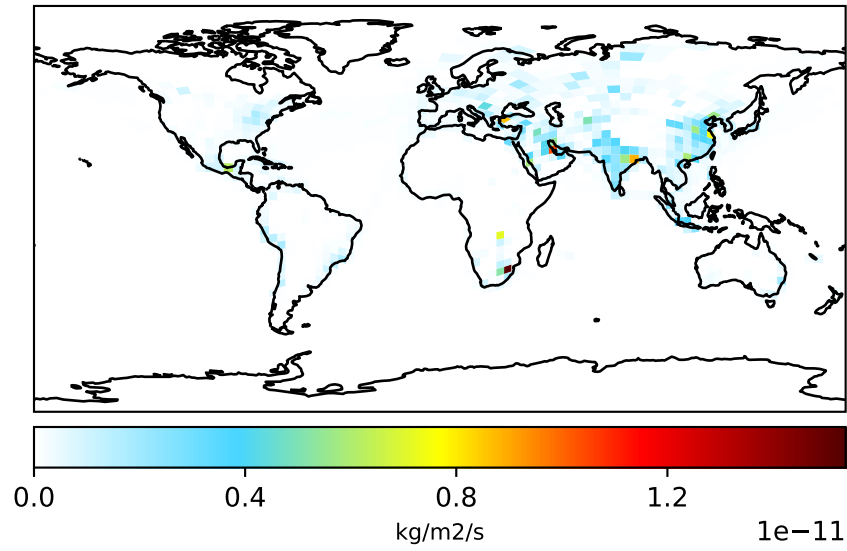


Ratio
Dev/Ref, Fixed Range

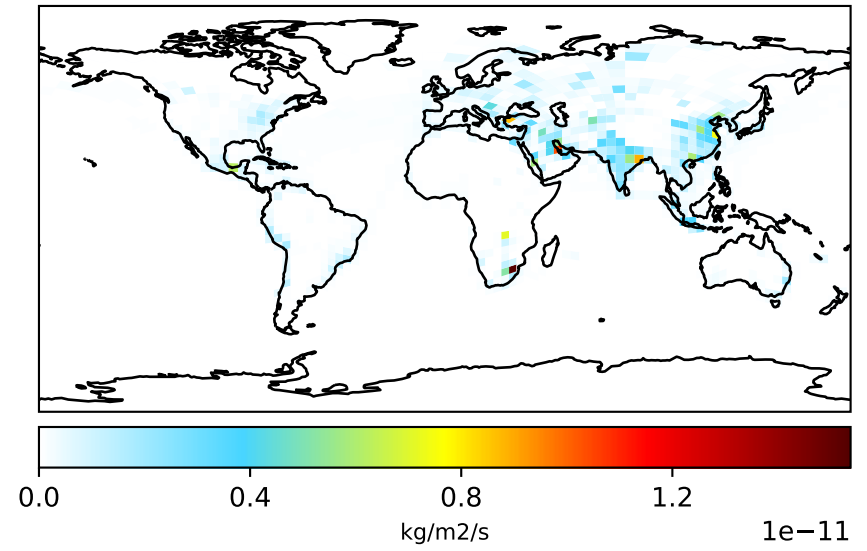


EmisSO4_Total

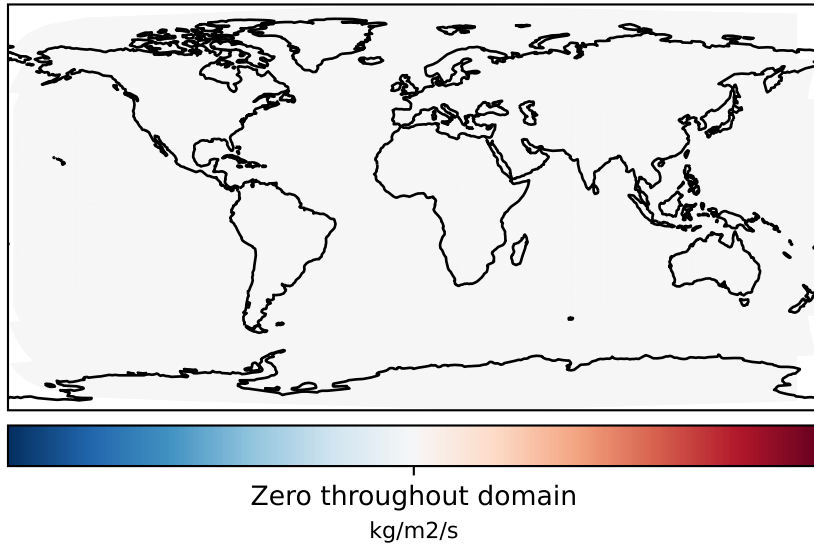
Processed GEOS-FP input, 3-hr winds (Ref)
c24



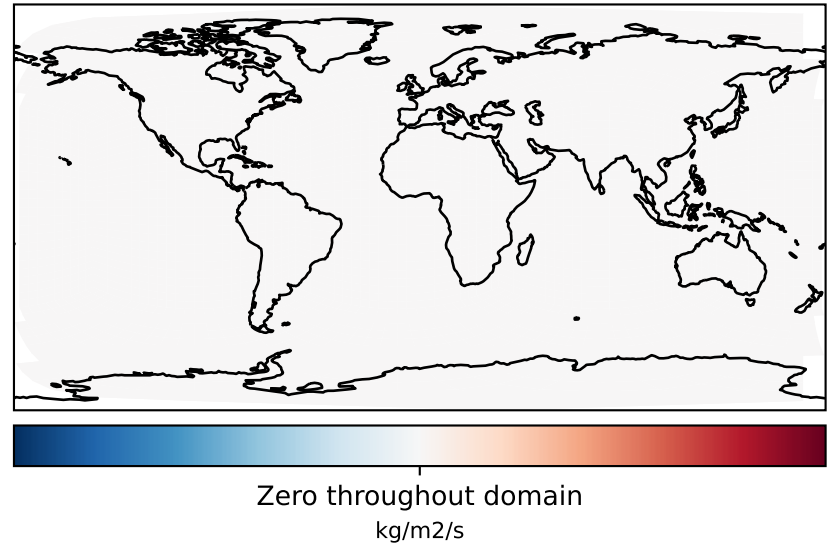
Raw GEOS-FP input, 3-hr winds (Dev)
c24



Difference
Dev - Ref, Dynamic Range



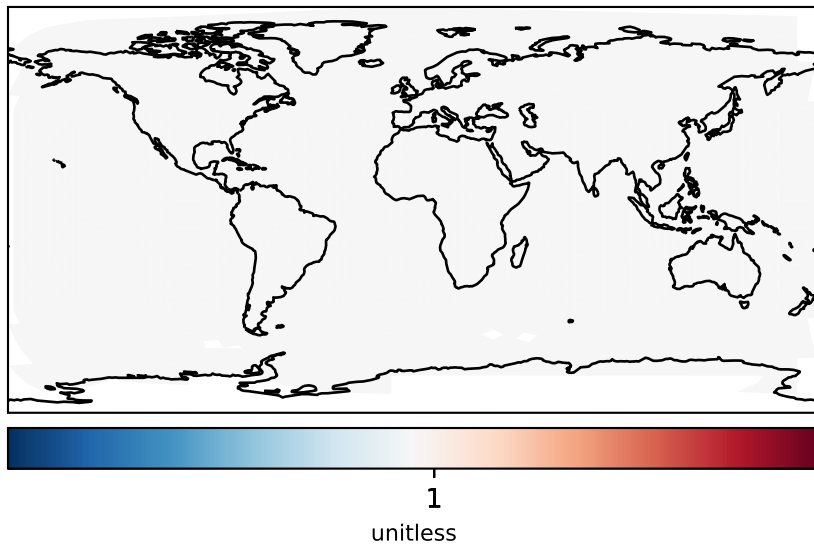
Difference
Dev - Ref, Restricted Range [5%,95%]



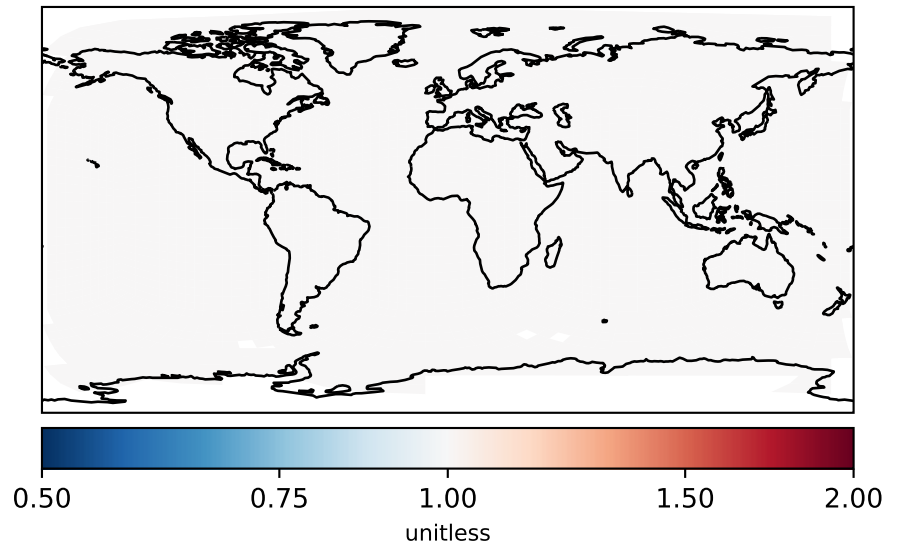
Zero throughout domain
kg/m²/s

Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range

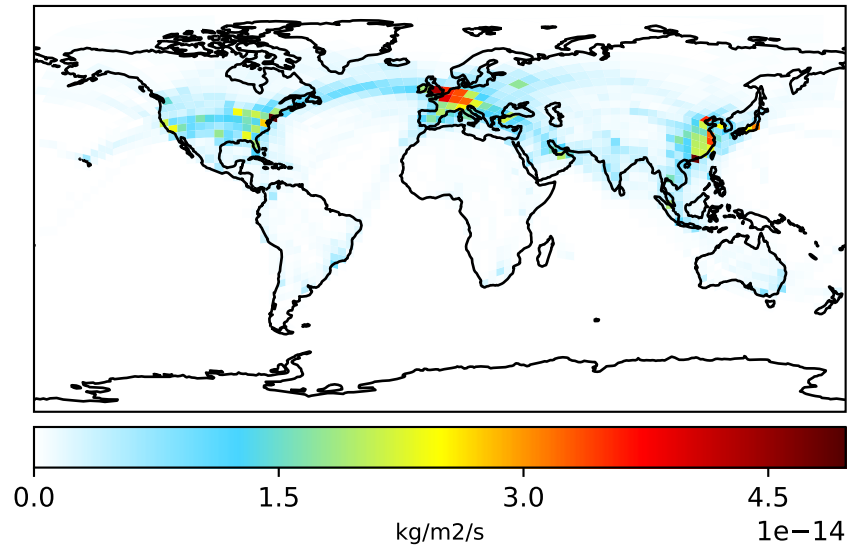


Ratio
Dev/Ref, Fixed Range

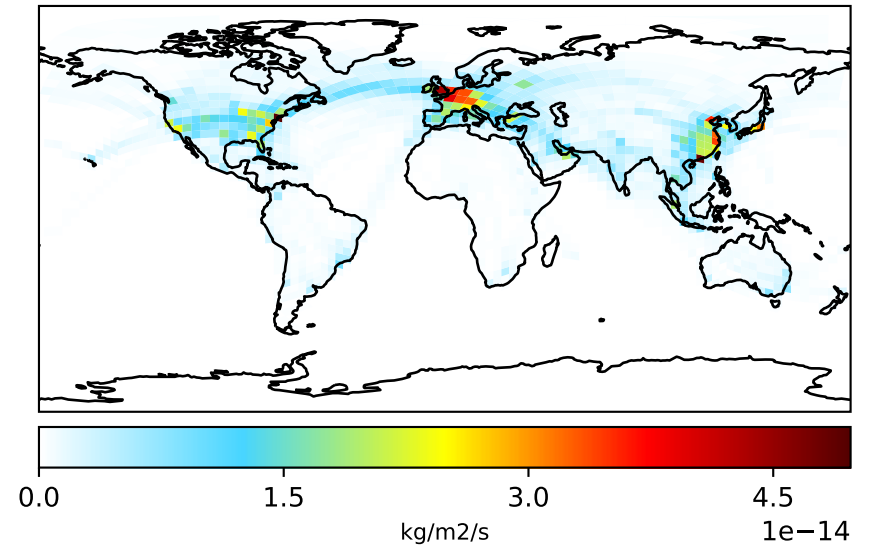


EmisBCPI_Aircraft

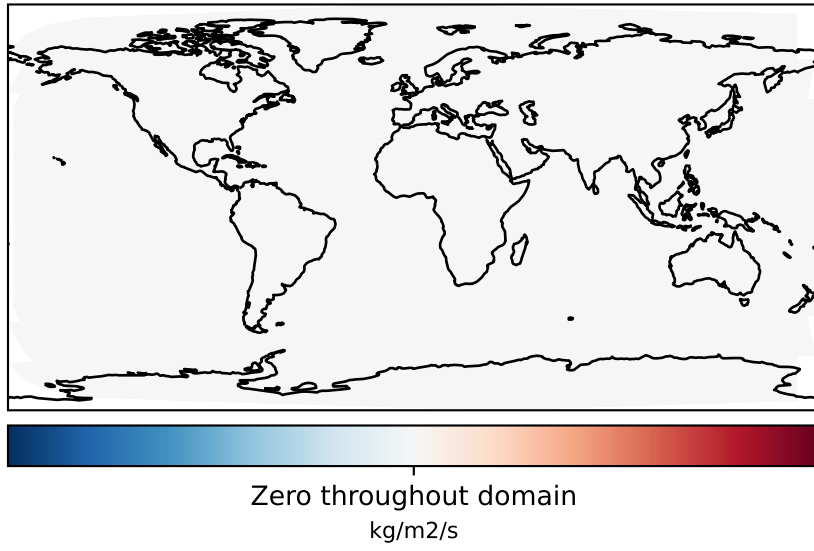
Processed GEOS-FP input, 3-hr winds (Ref)
c24



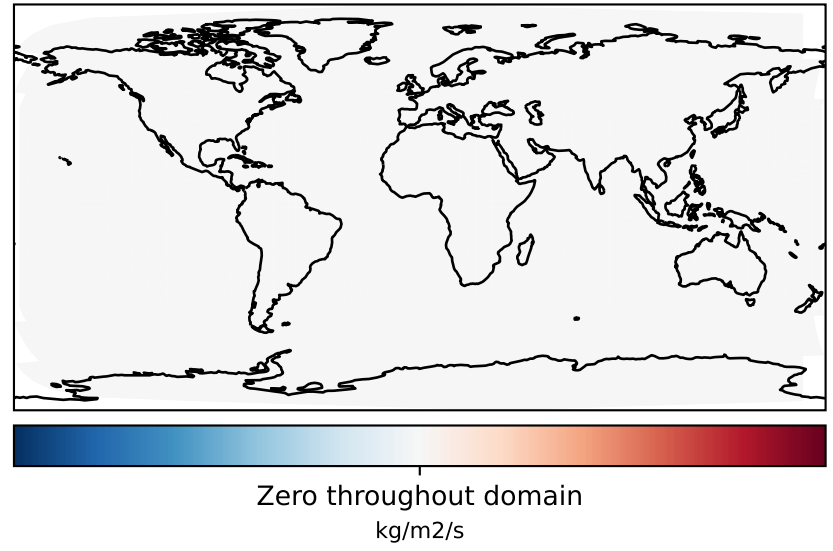
Raw GEOS-FP input, 3-hr winds (Dev)
c24



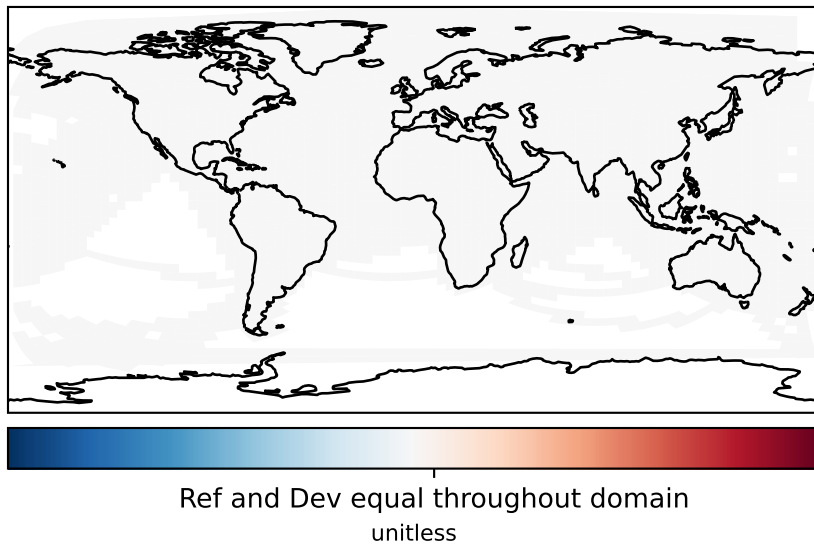
Difference
Dev - Ref, Dynamic Range



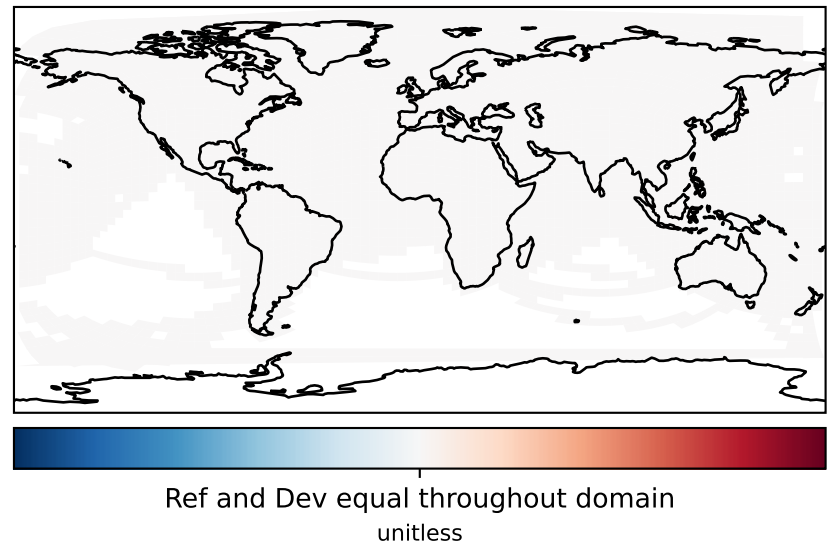
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

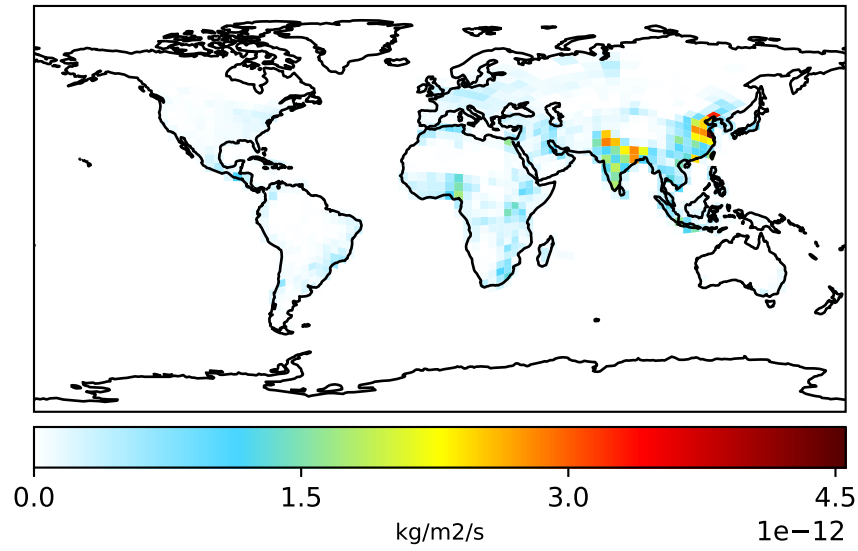


Ratio
Dev/Ref, Fixed Range

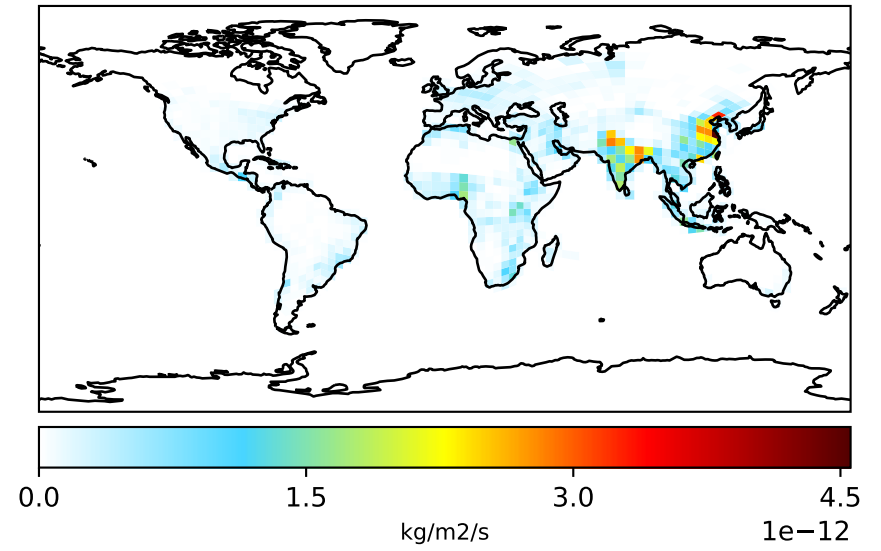


EmisBCPI_Anthro

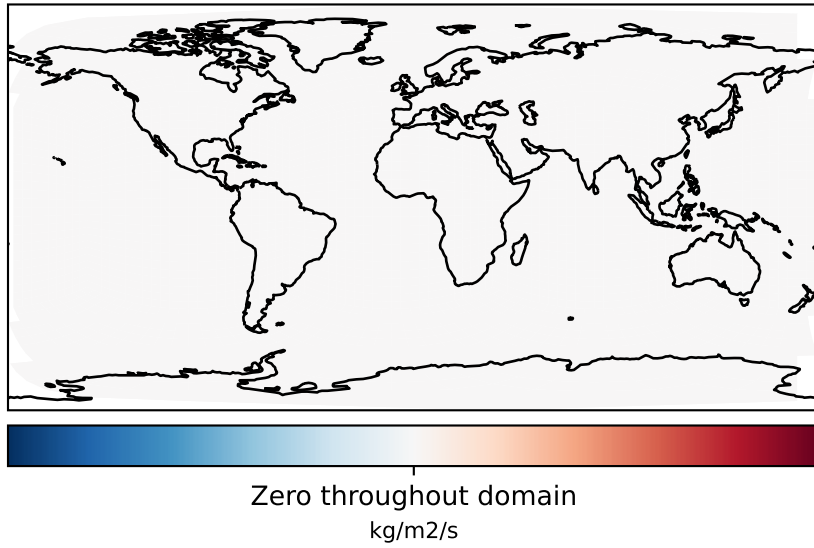
Processed GEOS-FP input, 3-hr winds (Ref)
c24



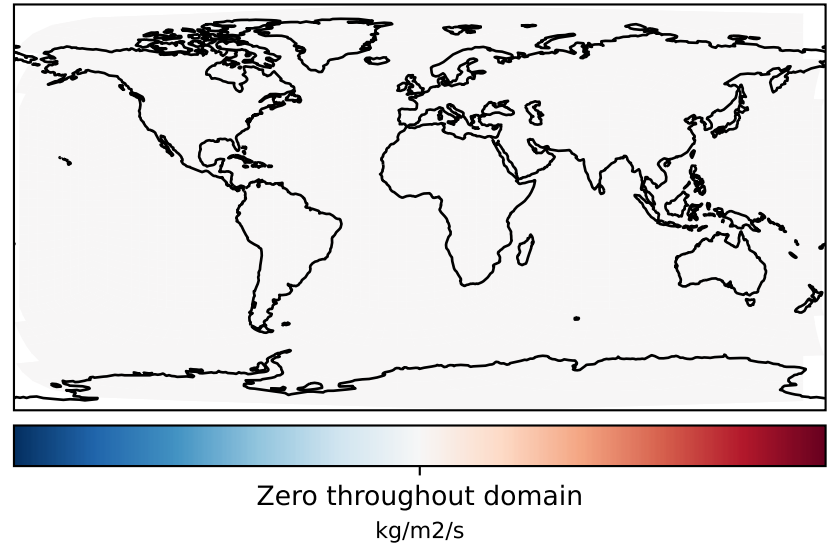
Raw GEOS-FP input, 3-hr winds (Dev)
c24



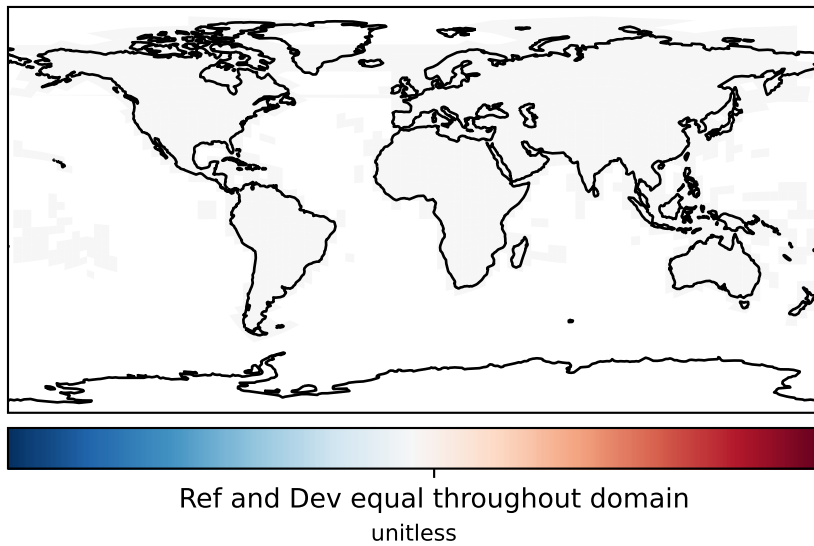
Difference
Dev - Ref, Dynamic Range



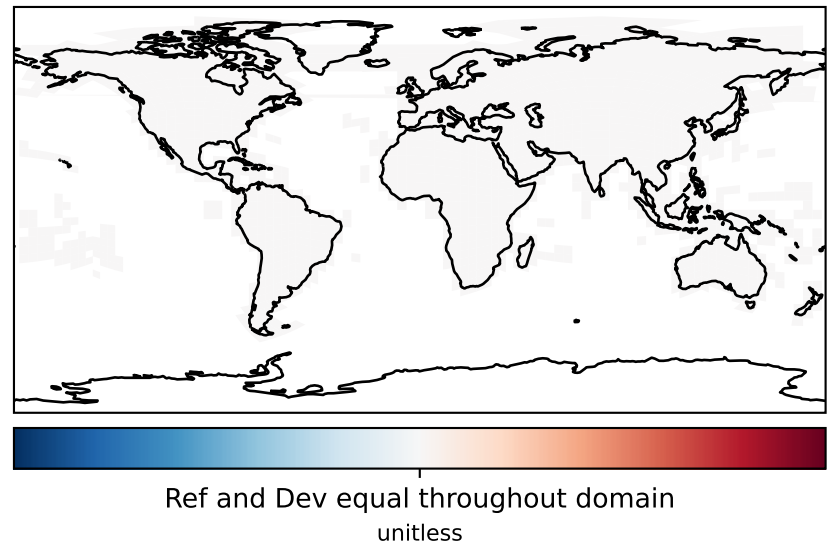
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

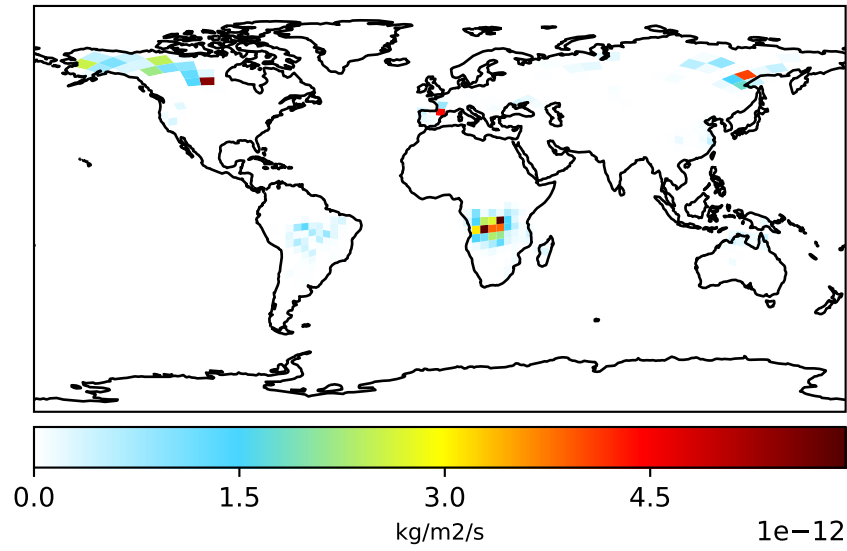


Ratio
Dev/Ref, Fixed Range

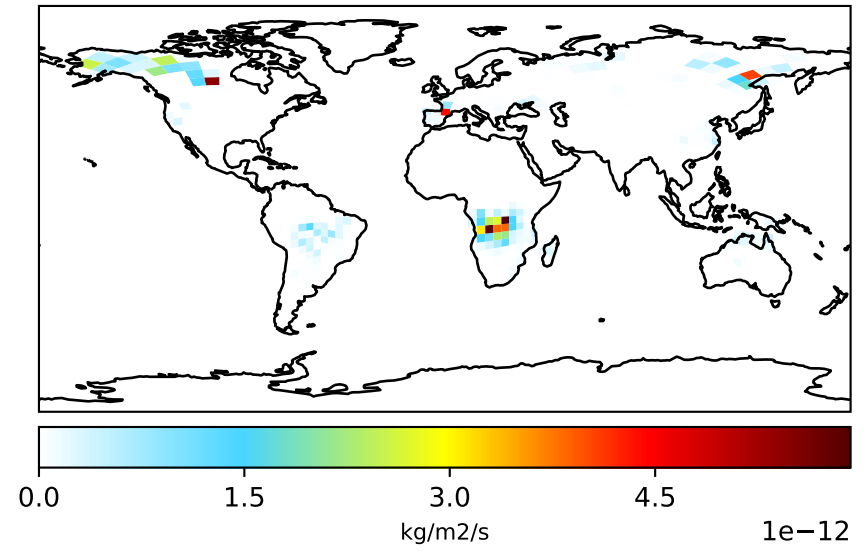


EmisBCPI_BioBurn

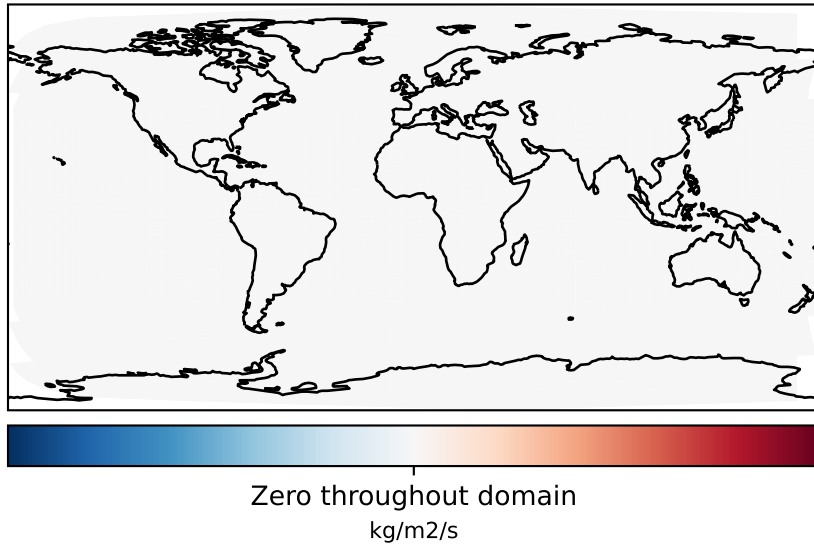
Processed GEOS-FP input, 3-hr winds (Ref)
c24



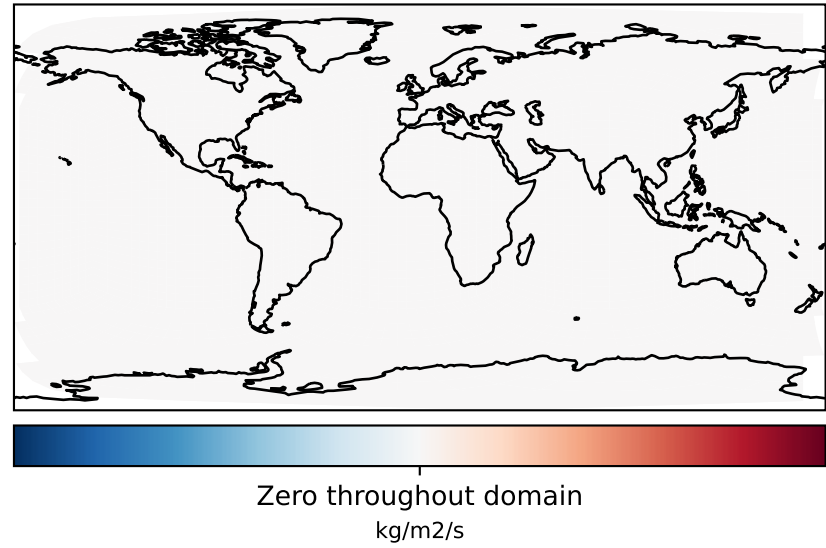
Raw GEOS-FP input, 3-hr winds (Dev)
c24



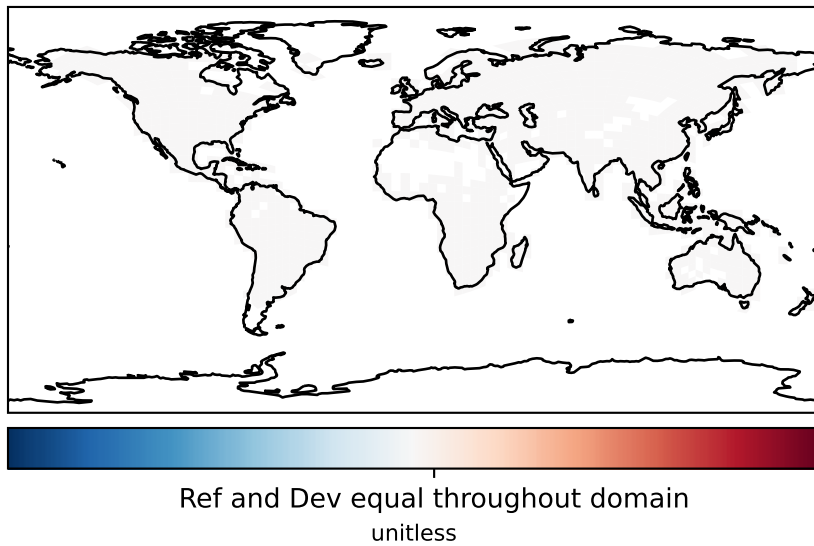
Difference
Dev - Ref, Dynamic Range



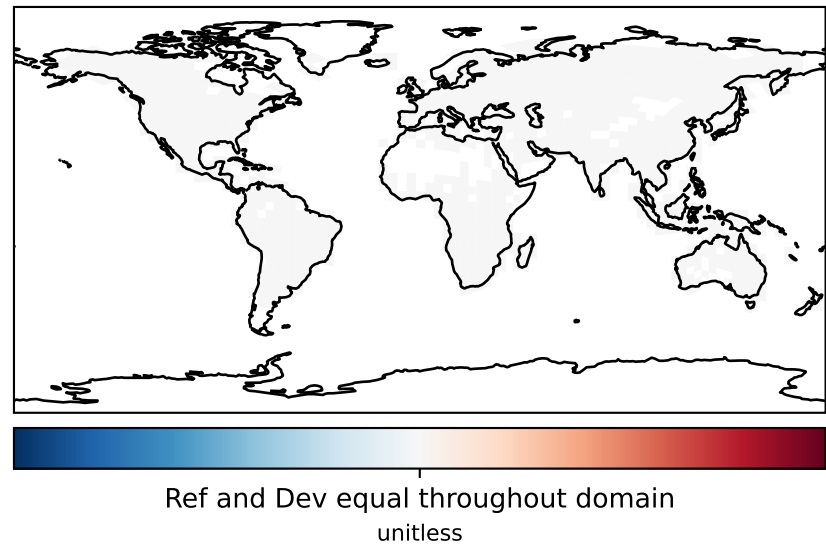
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

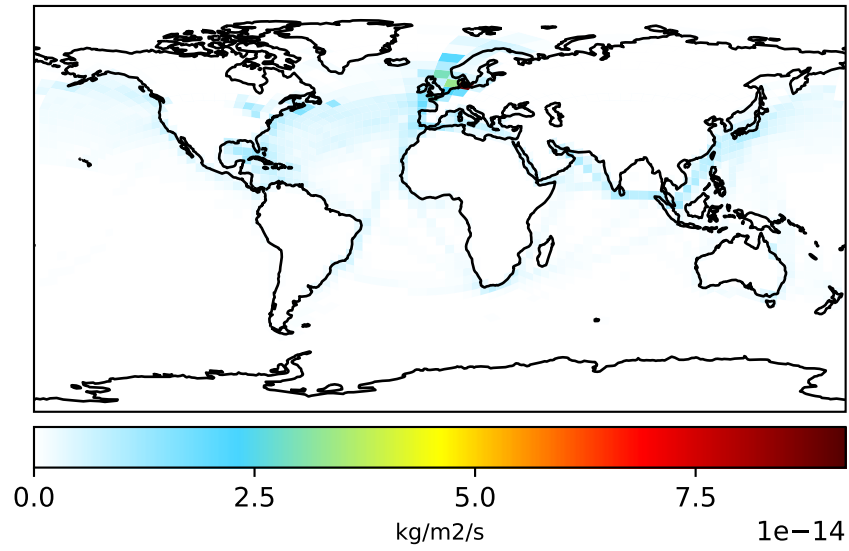


Ratio
Dev/Ref, Fixed Range

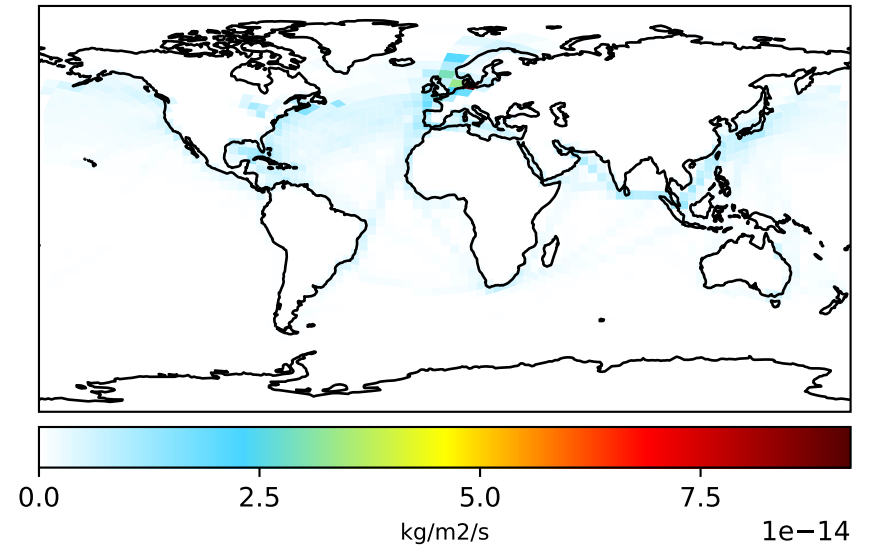


EmisBCPI_Ship

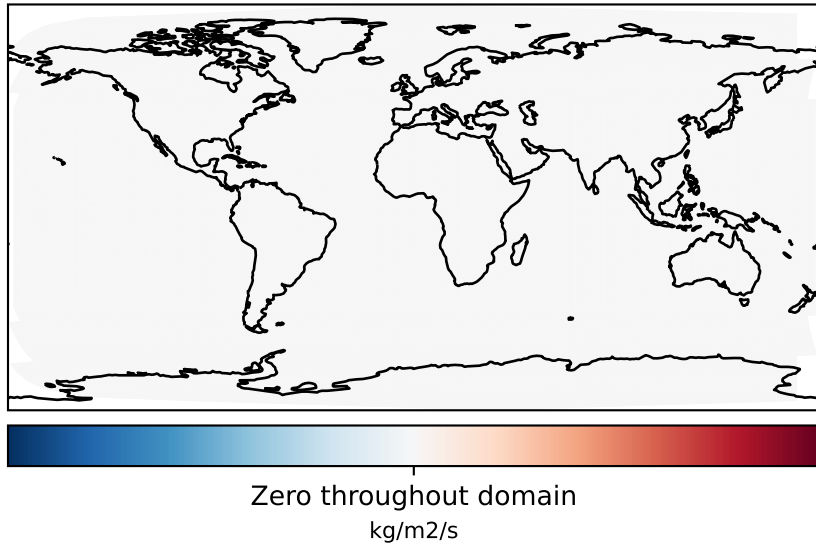
Processed GEOS-FP input, 3-hr winds (Ref)
c24



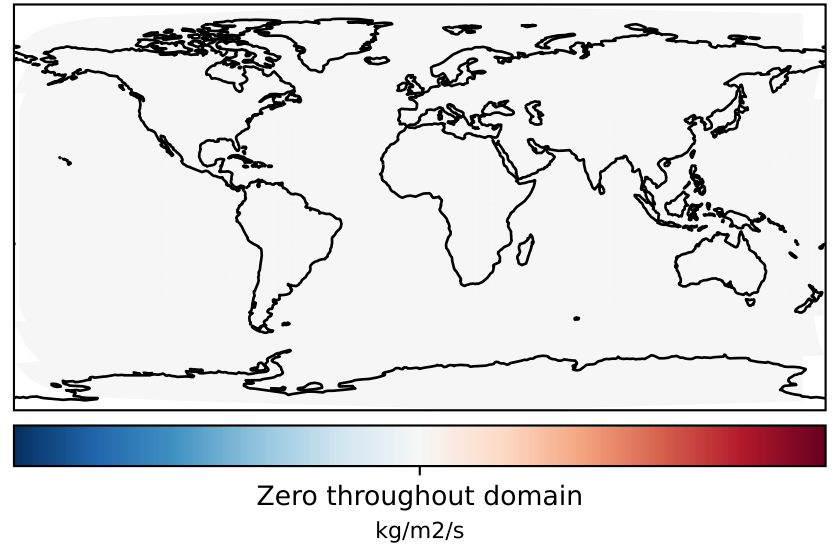
Raw GEOS-FP input, 3-hr winds (Dev)
c24



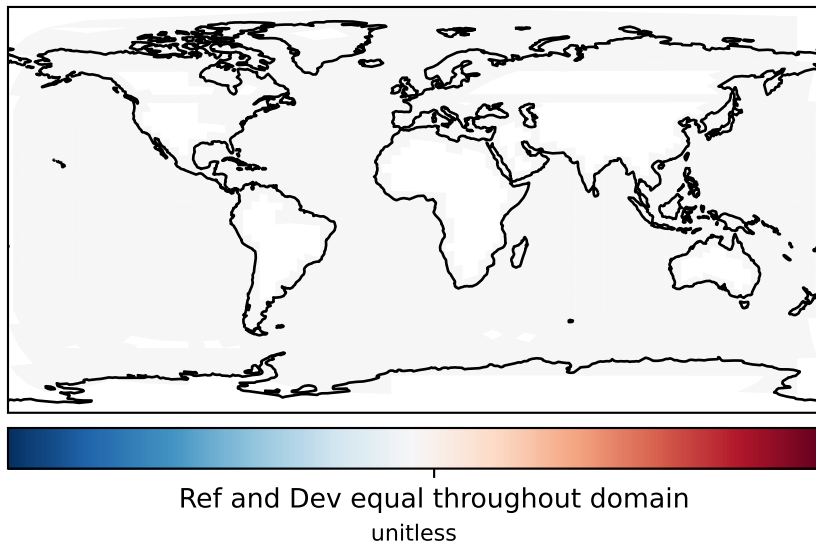
Difference
Dev - Ref, Dynamic Range



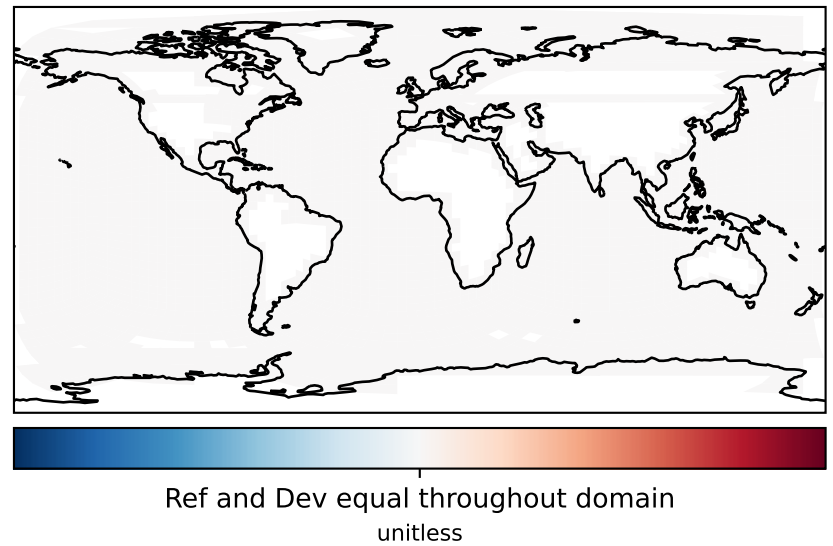
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

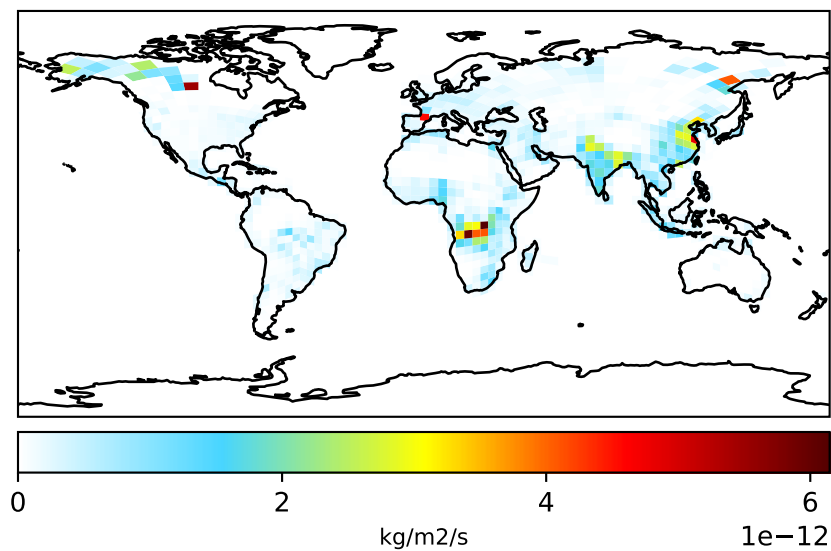


Ratio
Dev/Ref, Fixed Range

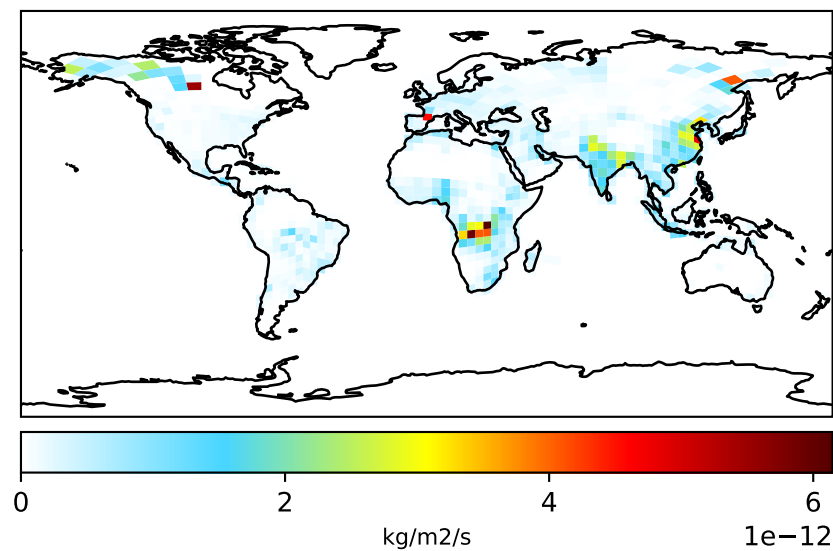


EmisBCPI_Total

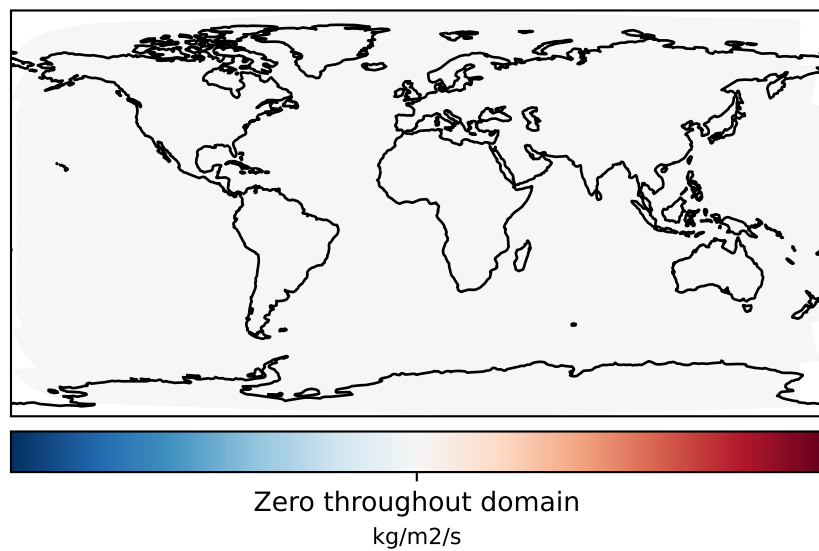
Processed GEOS-FP input, 3-hr winds (Ref)
c24



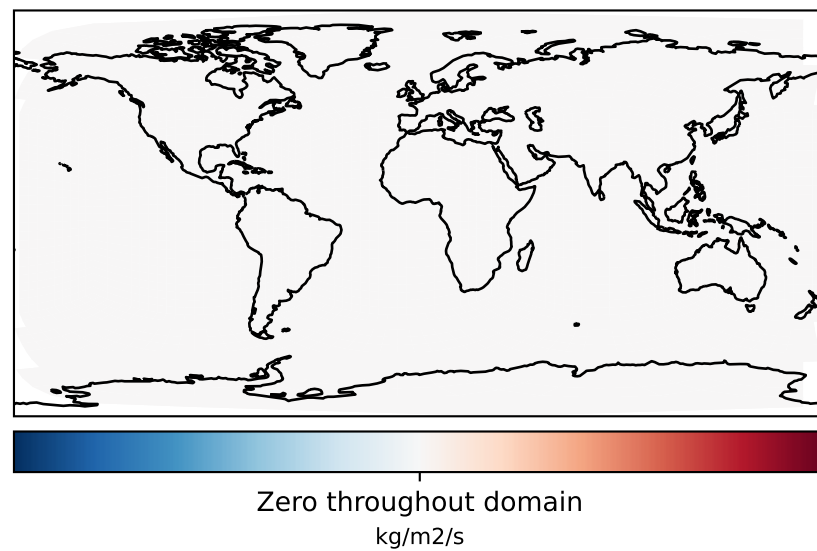
Raw GEOS-FP input, 3-hr winds (Dev)
c24



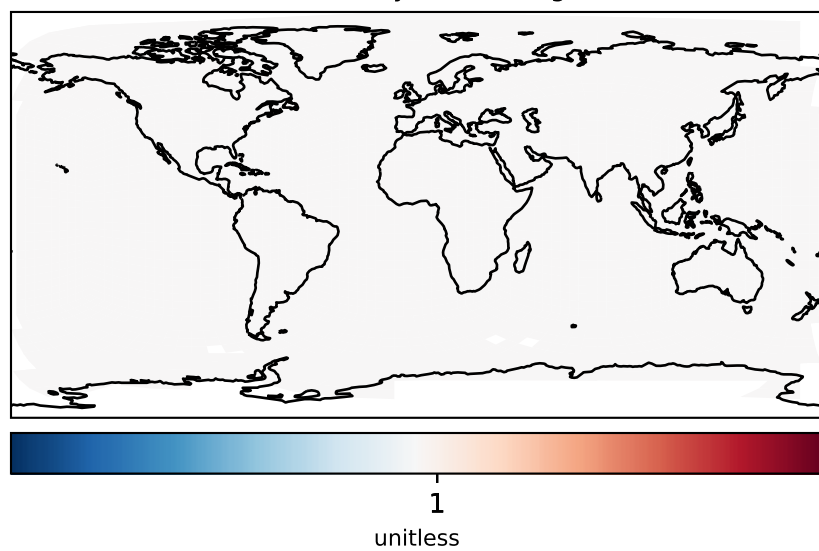
Difference
Dev - Ref, Dynamic Range



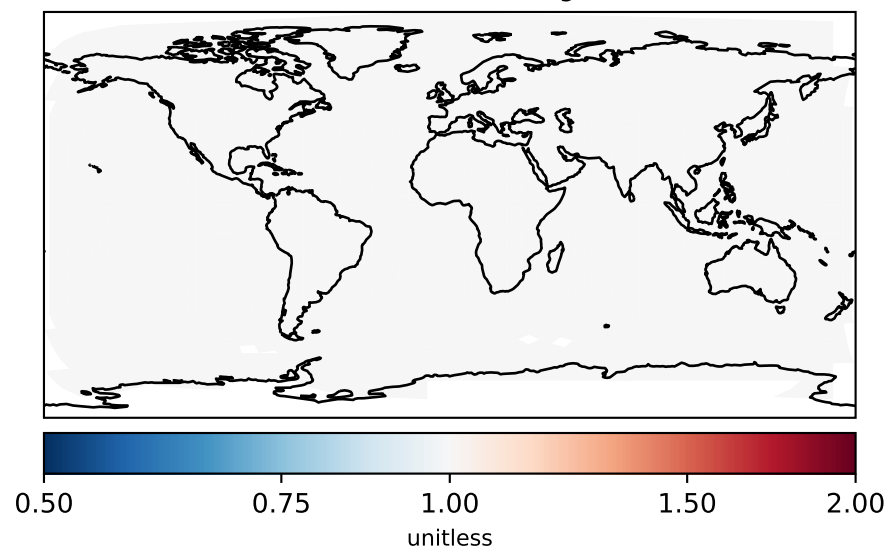
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

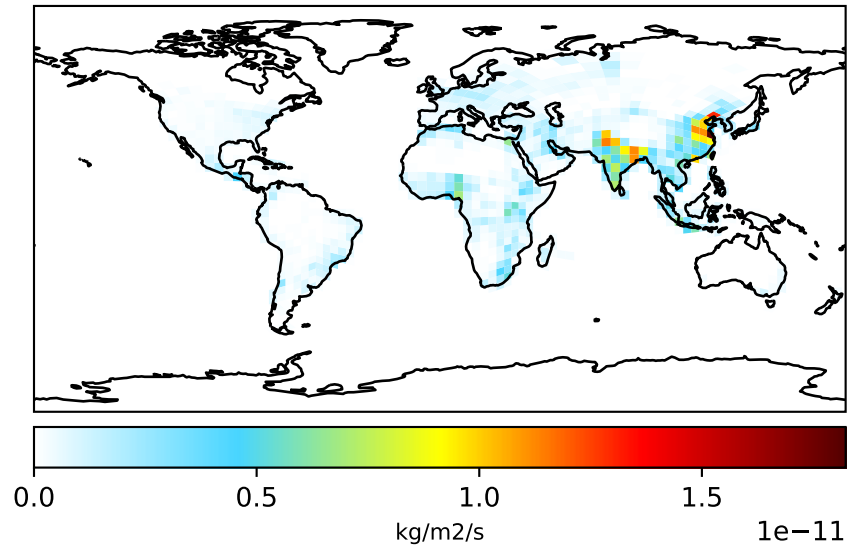


Ratio
Dev/Ref, Fixed Range

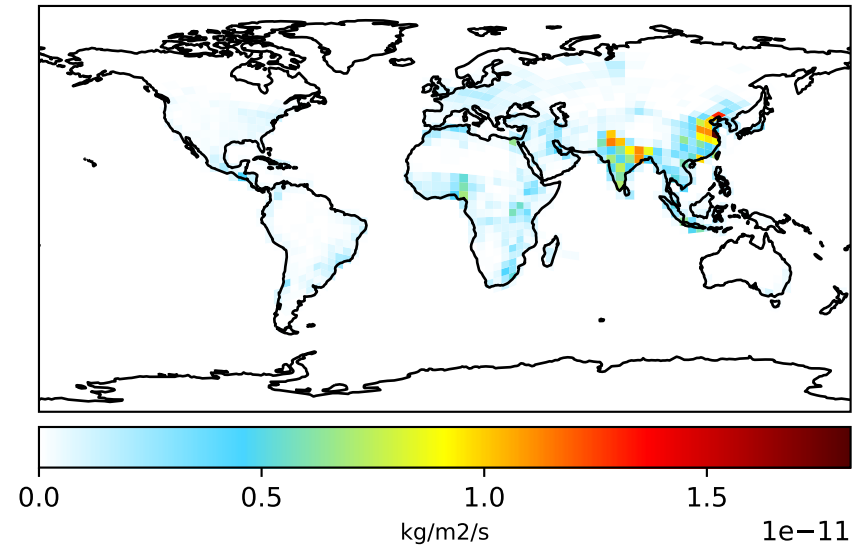


EmisBCPO_Anthro

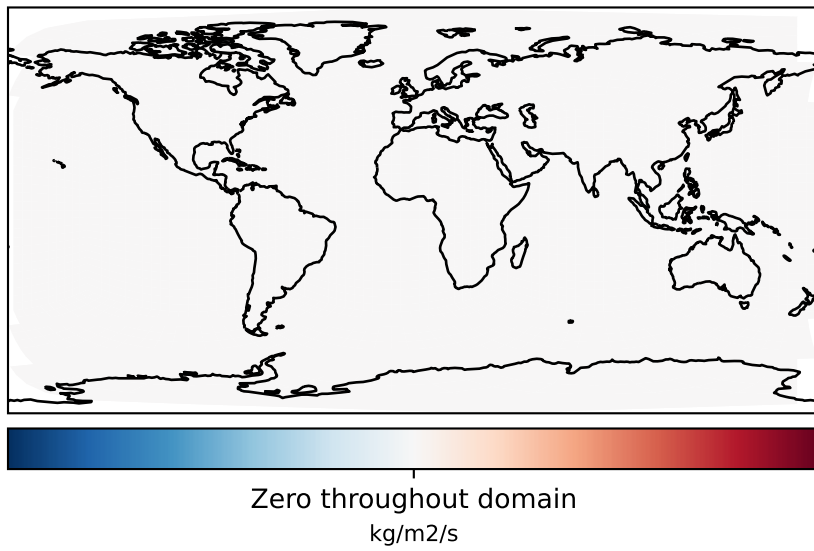
Processed GEOS-FP input, 3-hr winds (Ref)
c24



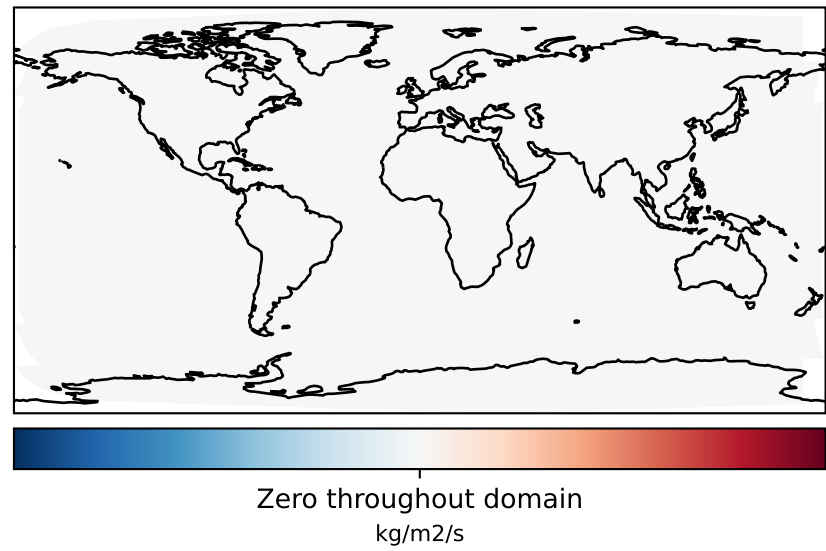
Raw GEOS-FP input, 3-hr winds (Dev)
c24



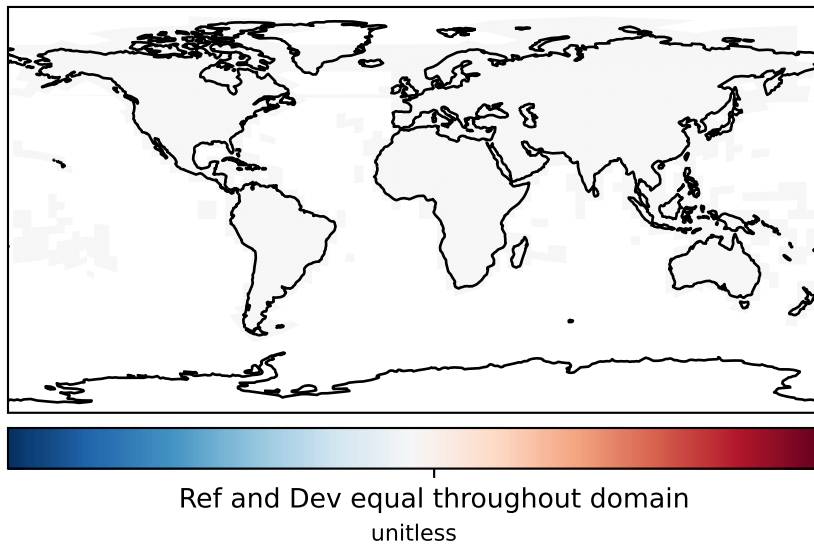
Difference
Dev - Ref, Dynamic Range



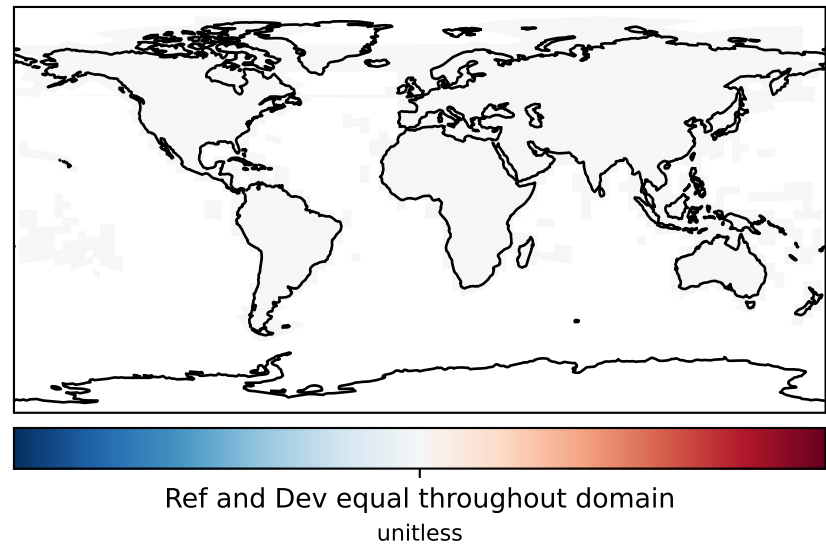
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

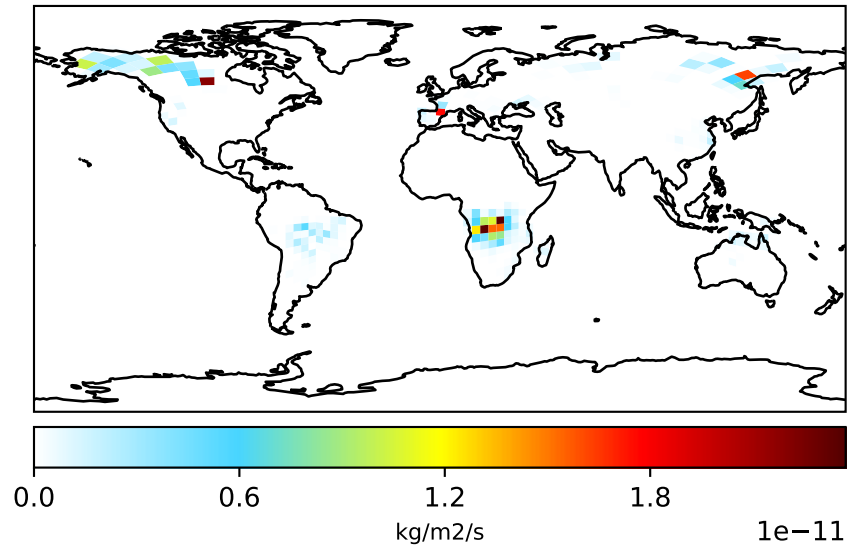


Ratio
Dev/Ref, Fixed Range

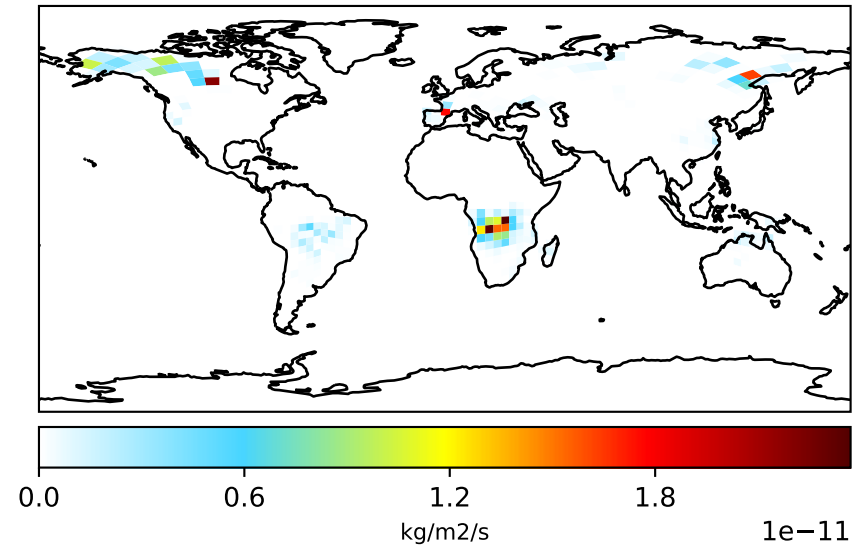


EmisBCPO_BioBurn

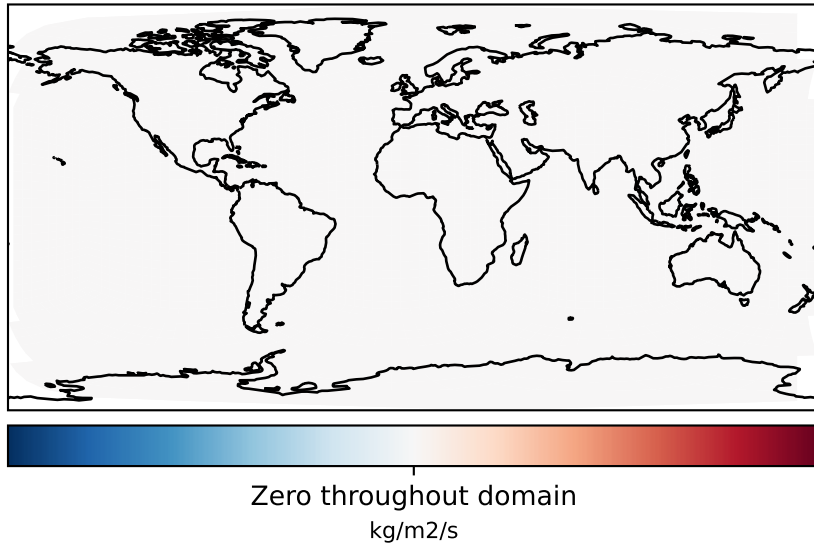
Processed GEOS-FP input, 3-hr winds (Ref)
c24



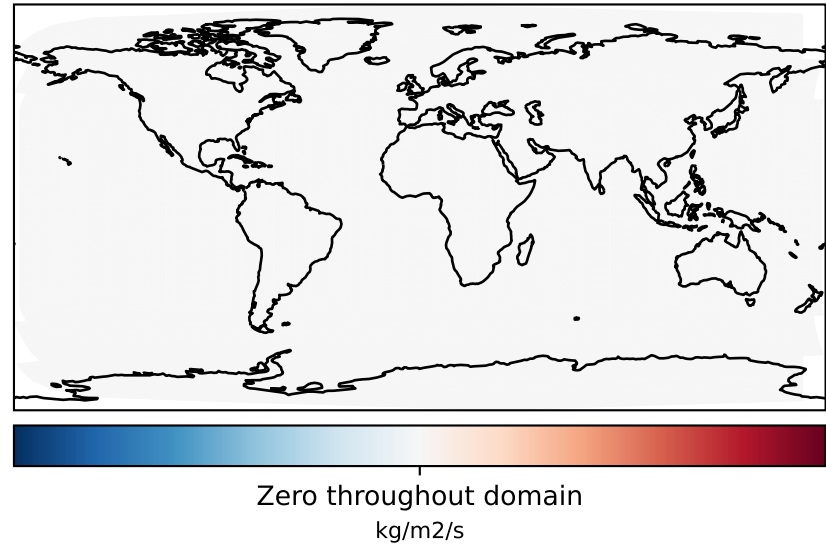
Raw GEOS-FP input, 3-hr winds (Dev)
c24



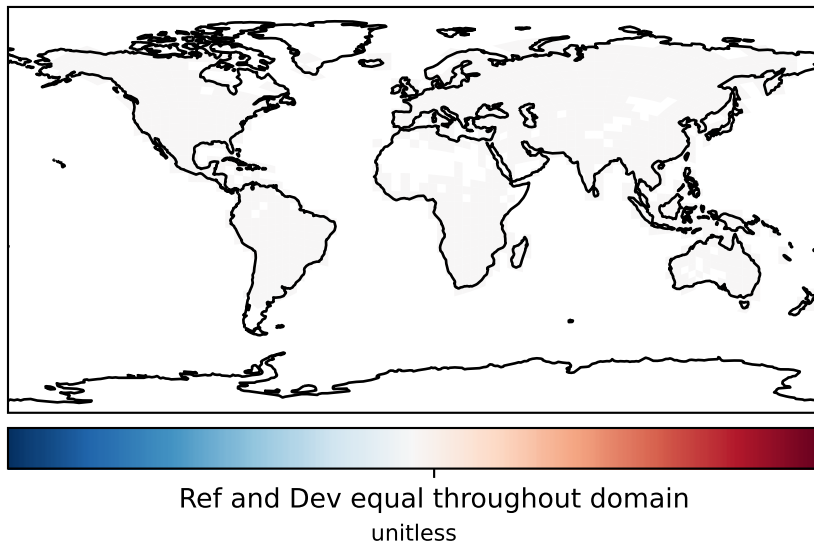
Difference
Dev - Ref, Dynamic Range



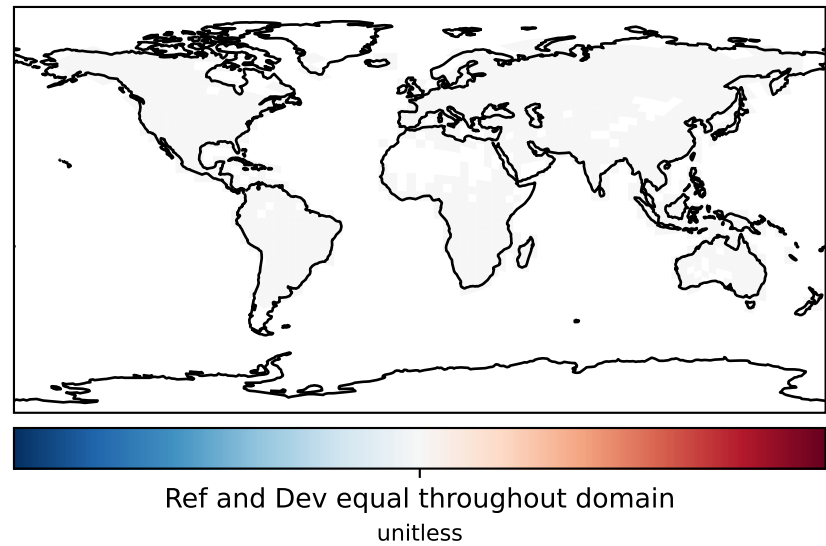
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

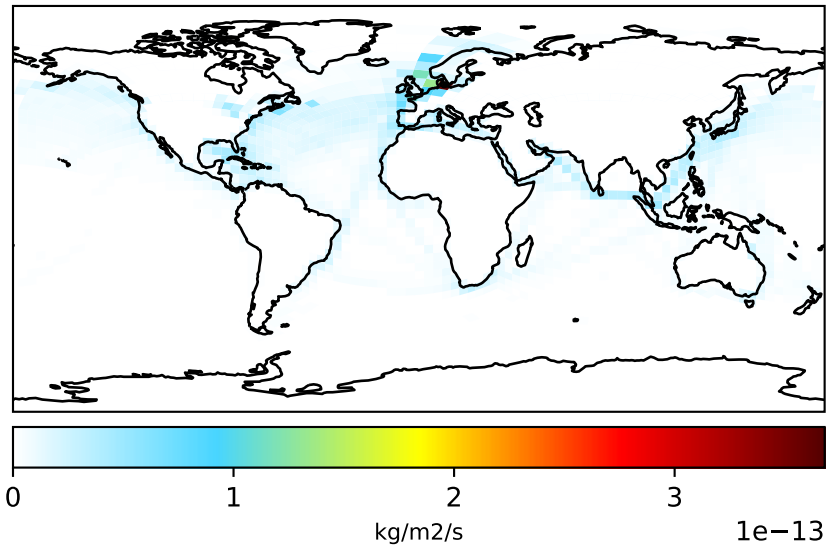


Ratio
Dev/Ref, Fixed Range

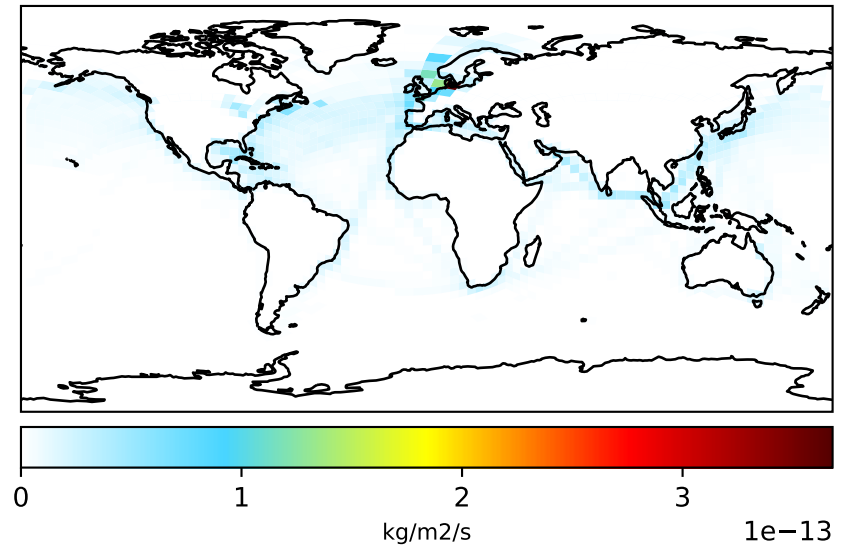


EmisBCPO_Ship

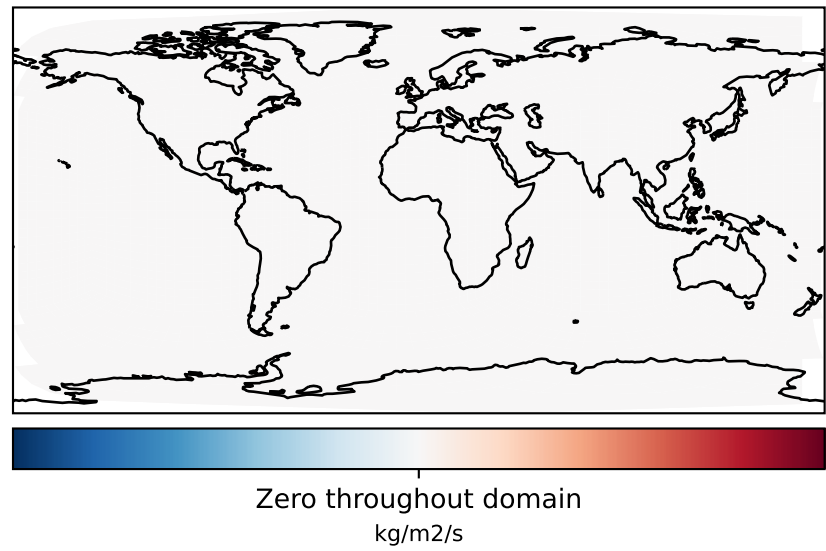
Processed GEOS-FP input, 3-hr winds (Ref)
c24



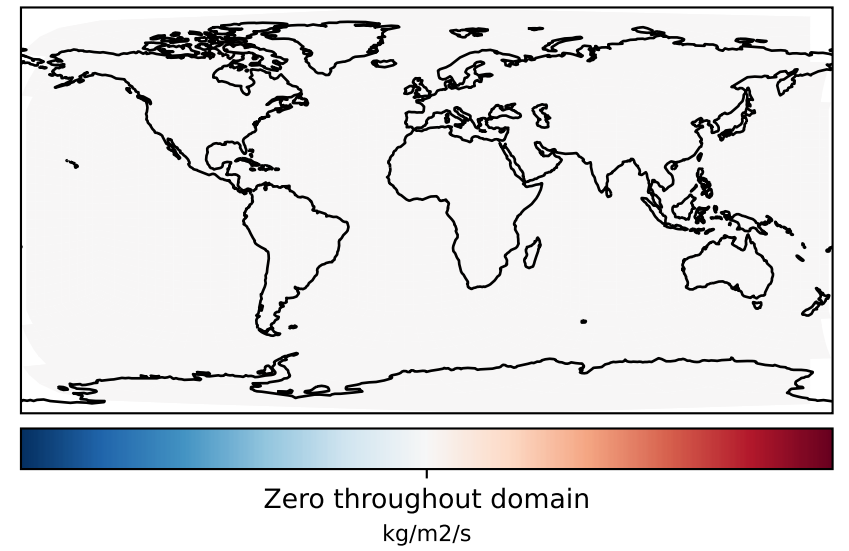
Raw GEOS-FP input, 3-hr winds (Dev)
c24



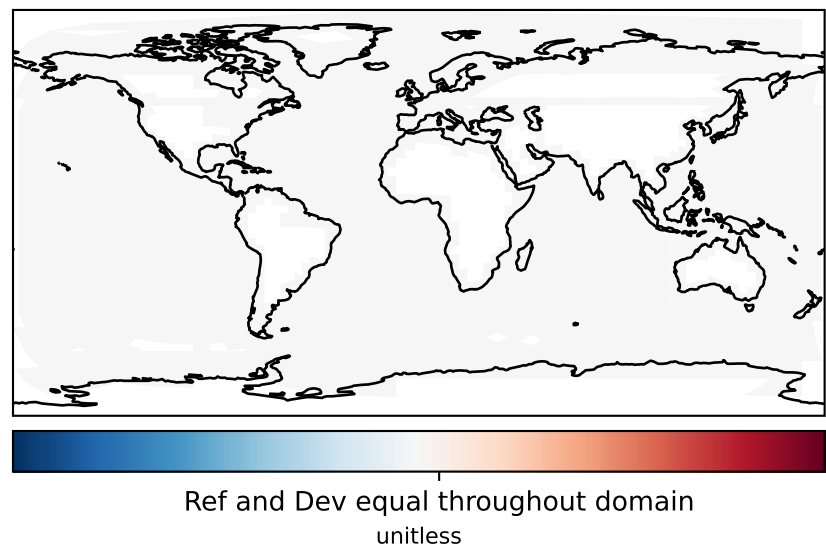
Difference
Dev - Ref, Dynamic Range



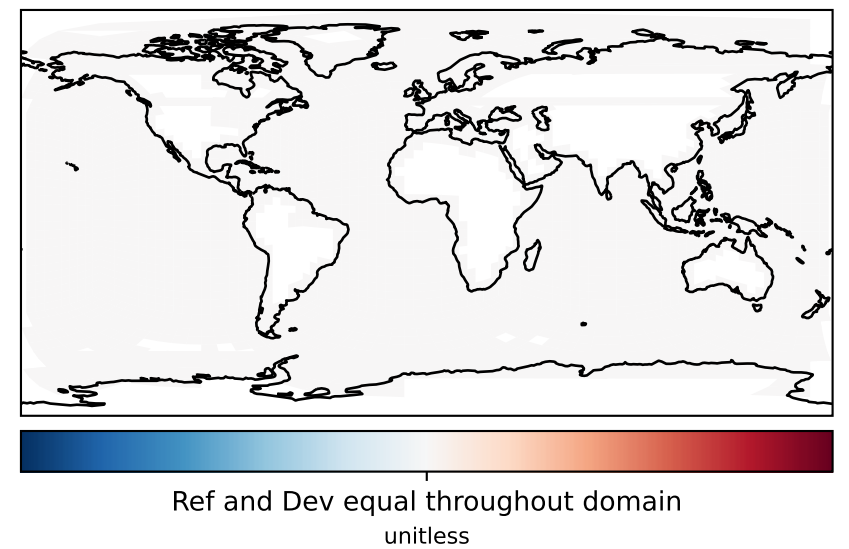
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

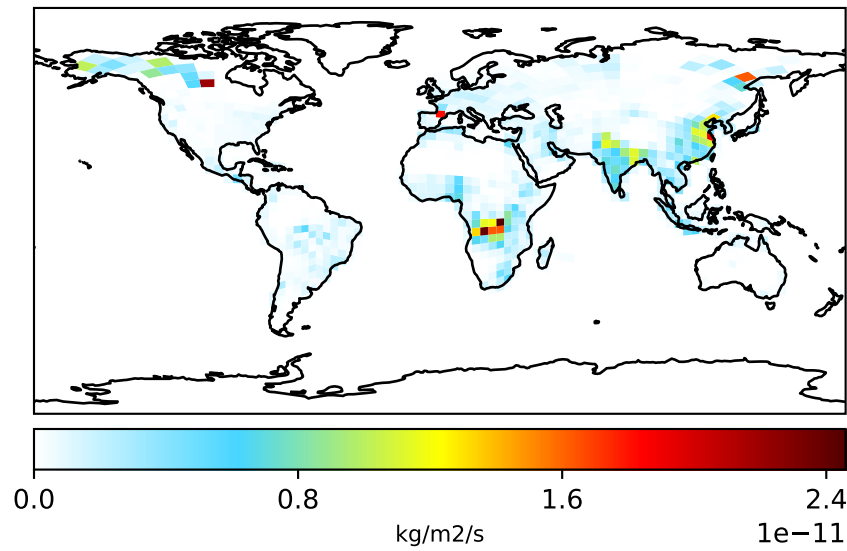


Ratio
Dev/Ref, Fixed Range

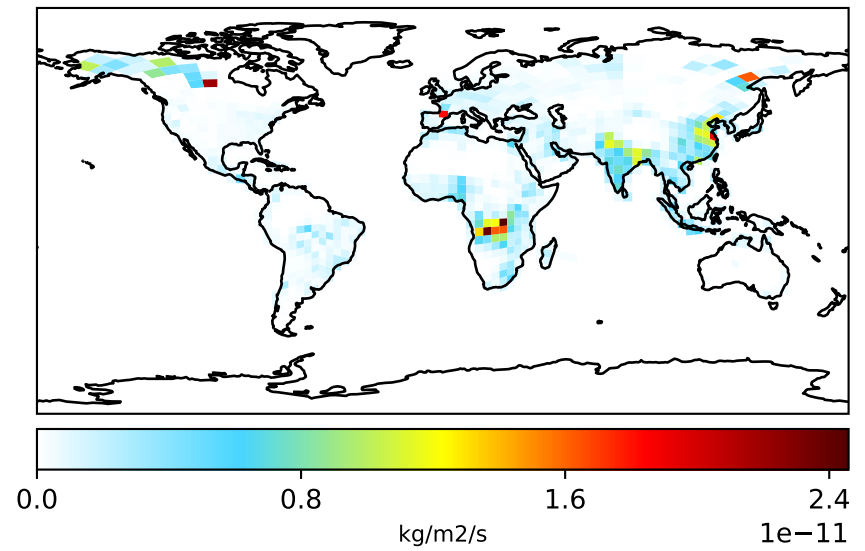


EmisBCPO_Total

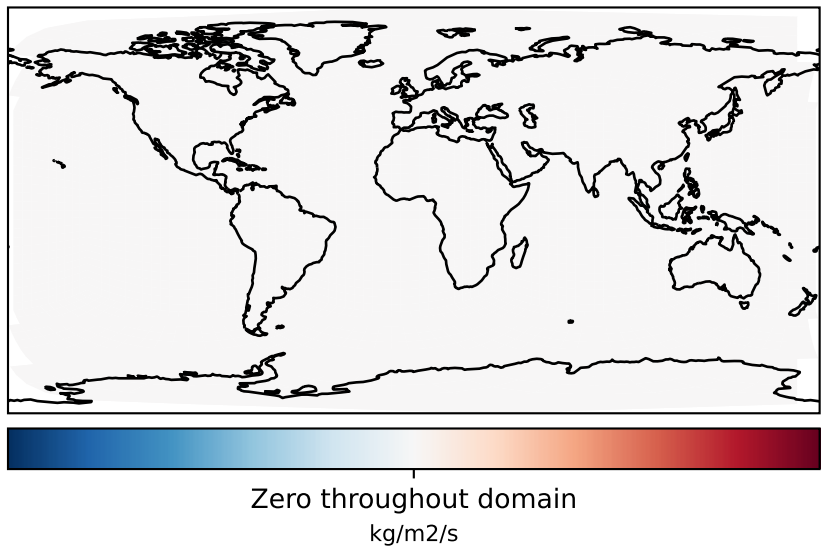
Processed GEOS-FP input, 3-hr winds (Ref)
c24



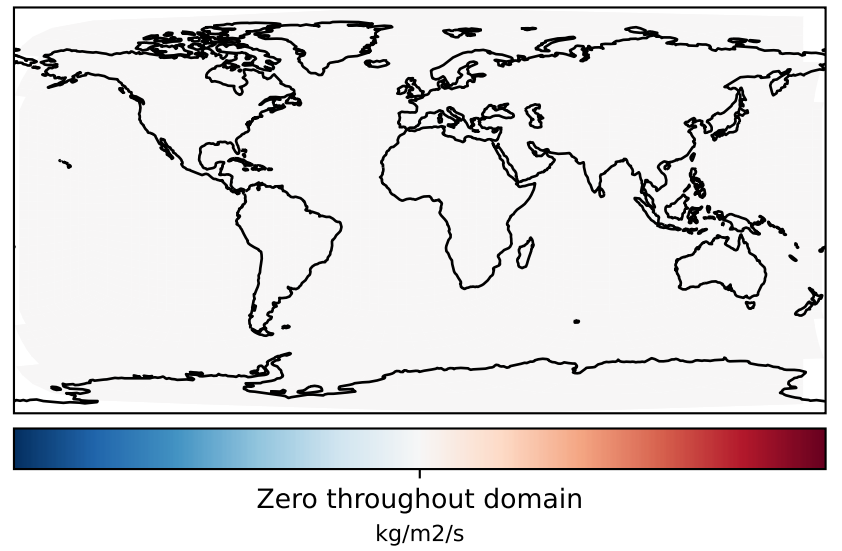
Raw GEOS-FP input, 3-hr winds (Dev)
c24



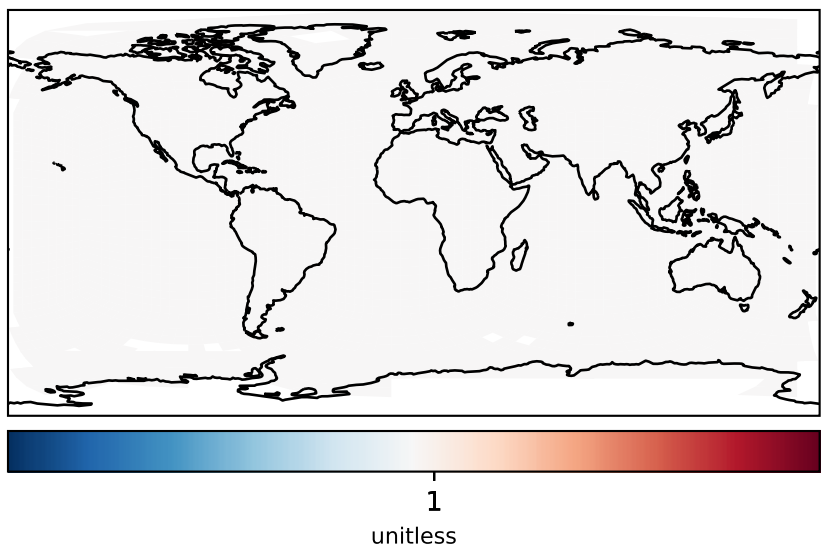
Difference
Dev - Ref, Dynamic Range



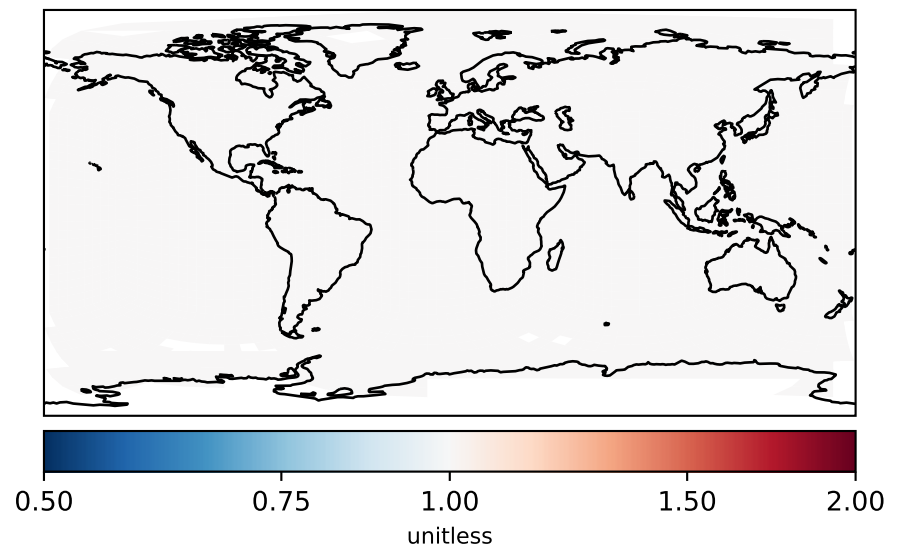
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

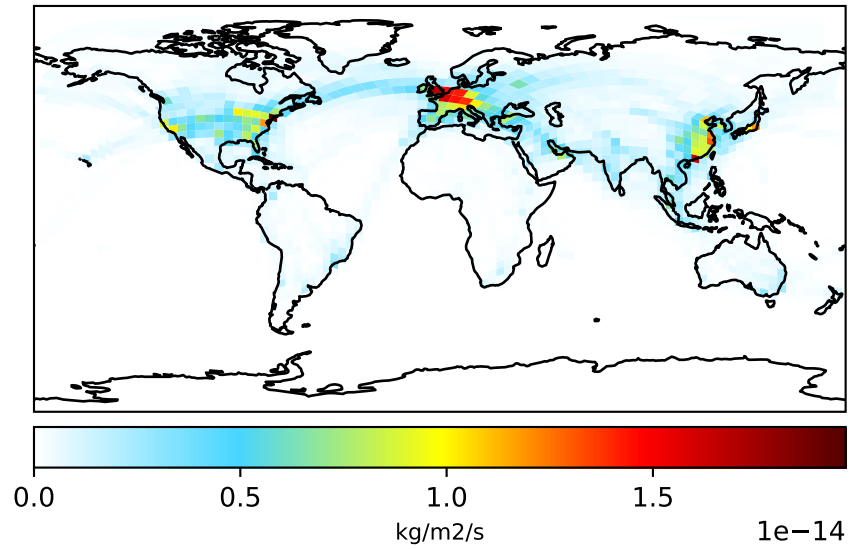


Ratio
Dev/Ref, Fixed Range

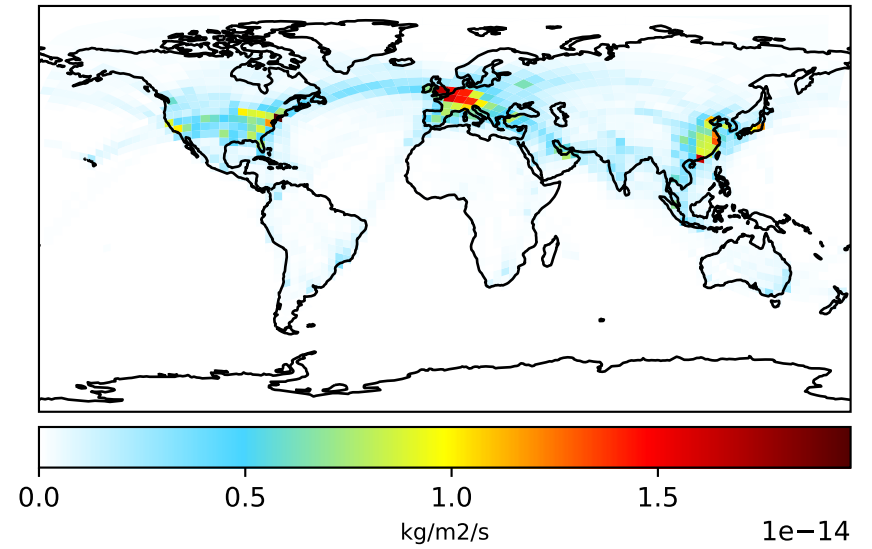


EmisOCPI_Aircraft

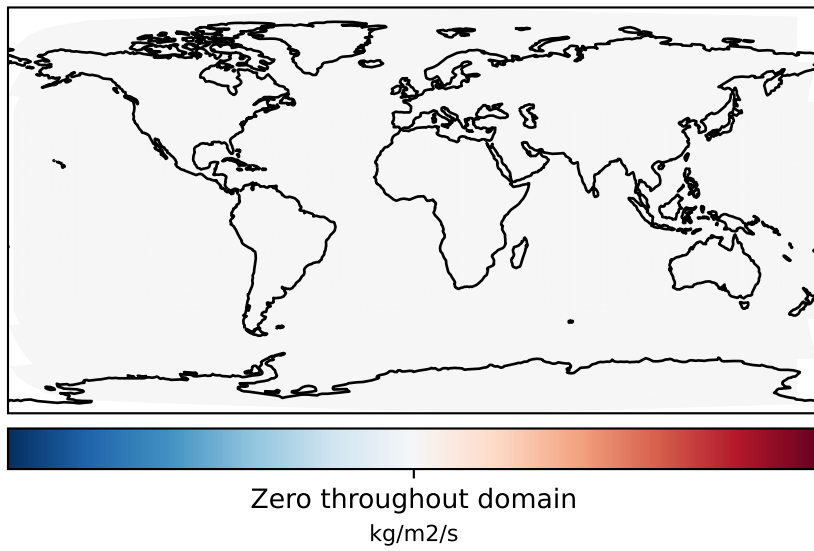
Processed GEOS-FP input, 3-hr winds (Ref)
c24



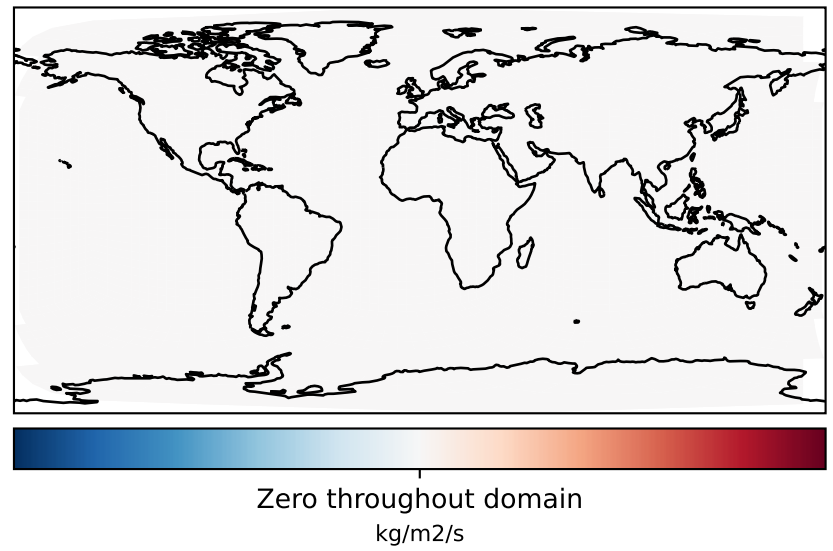
Raw GEOS-FP input, 3-hr winds (Dev)
c24



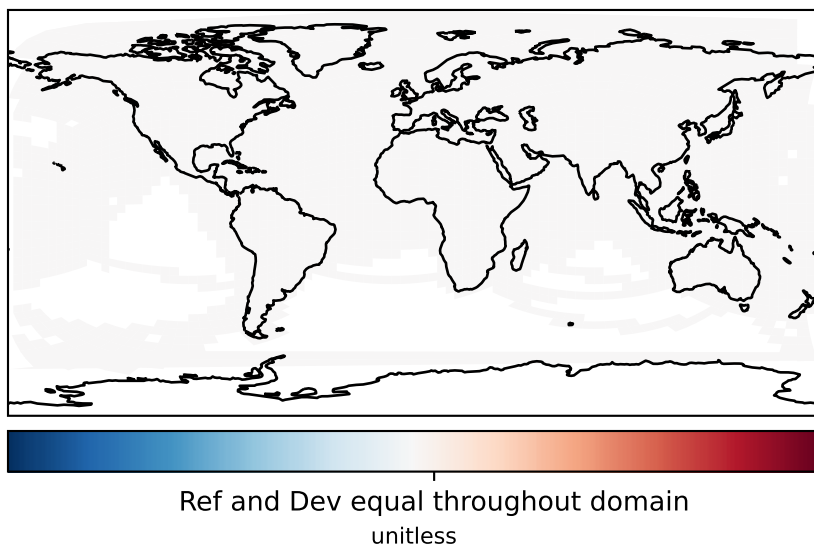
Difference
Dev - Ref, Dynamic Range



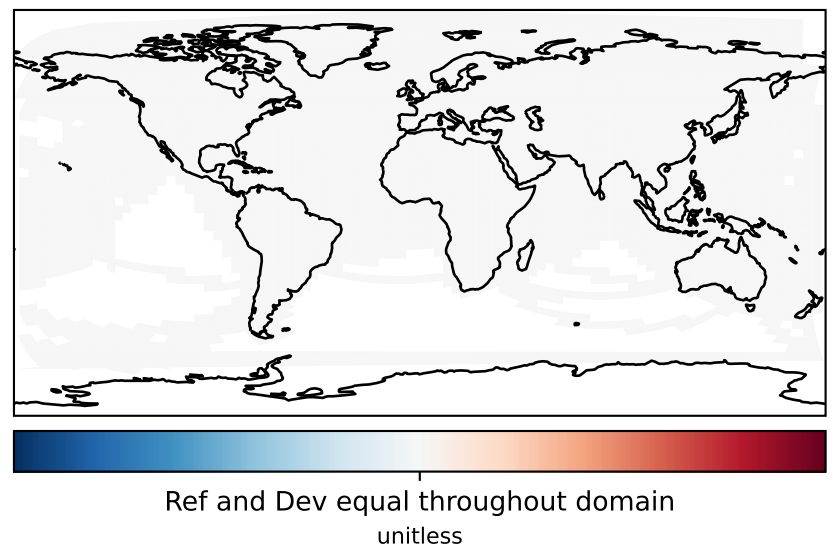
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

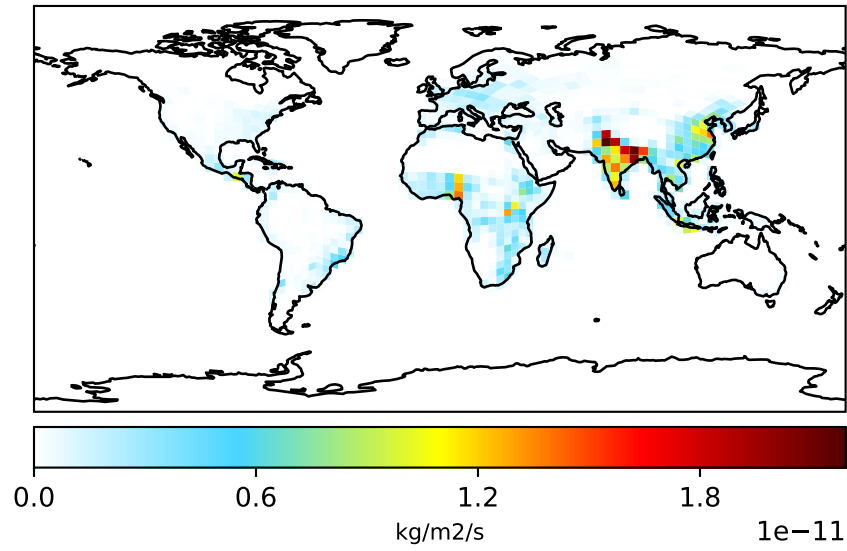


Ratio
Dev/Ref, Fixed Range

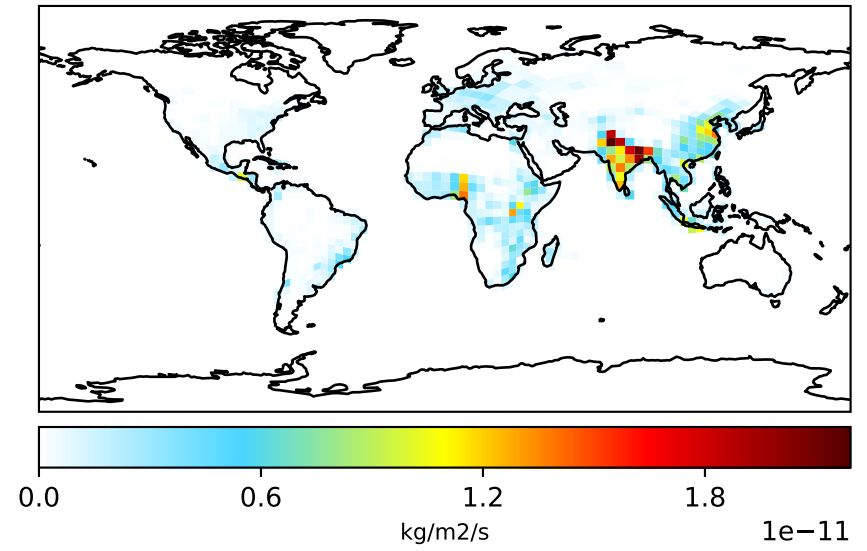


EmisOCPI_Anthro

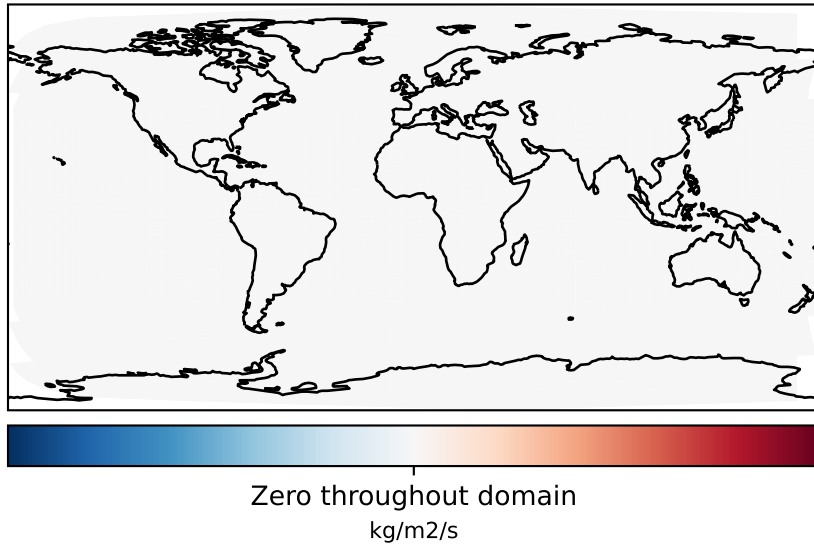
Processed GEOS-FP input, 3-hr winds (Ref)
c24



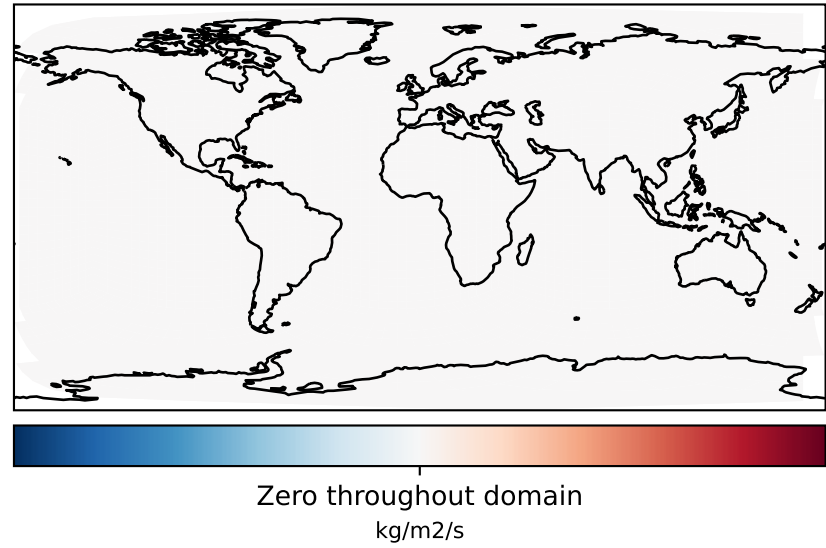
Raw GEOS-FP input, 3-hr winds (Dev)
c24



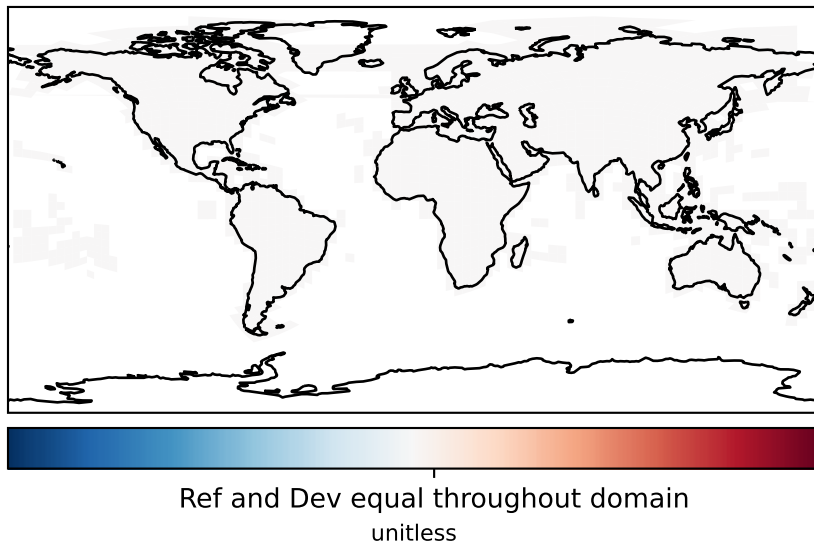
Difference
Dev - Ref, Dynamic Range



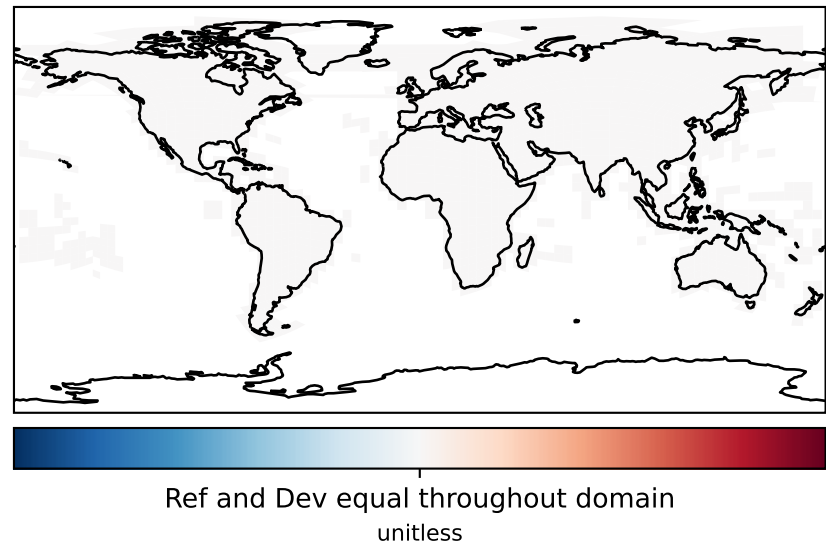
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

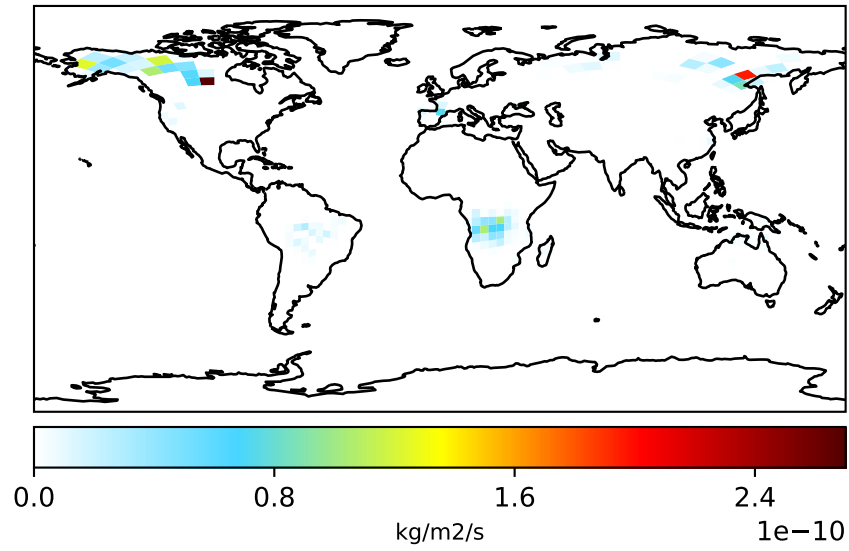


Ratio
Dev/Ref, Fixed Range

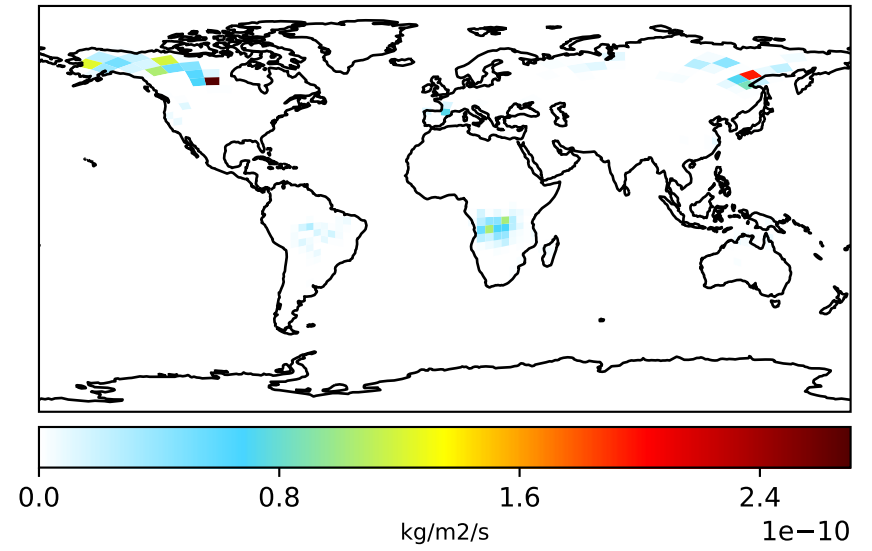


EmisOCPI_BioBurn

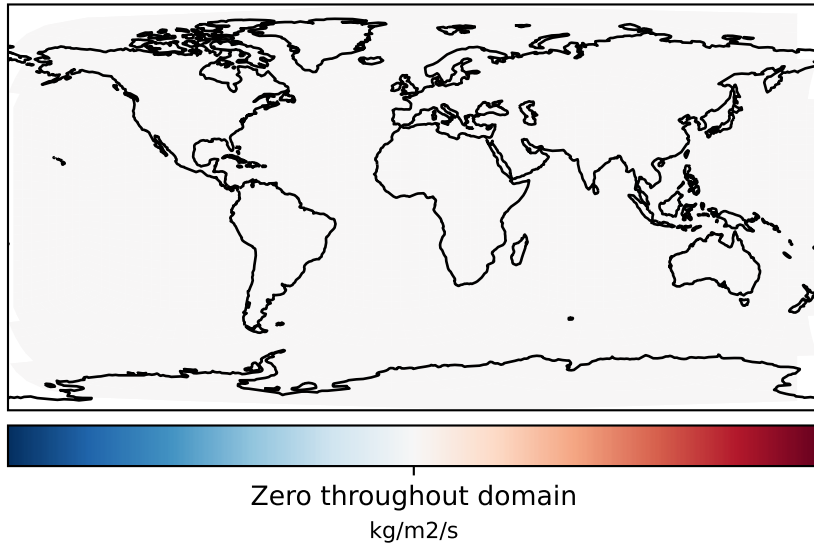
Processed GEOS-FP input, 3-hr winds (Ref)
c24



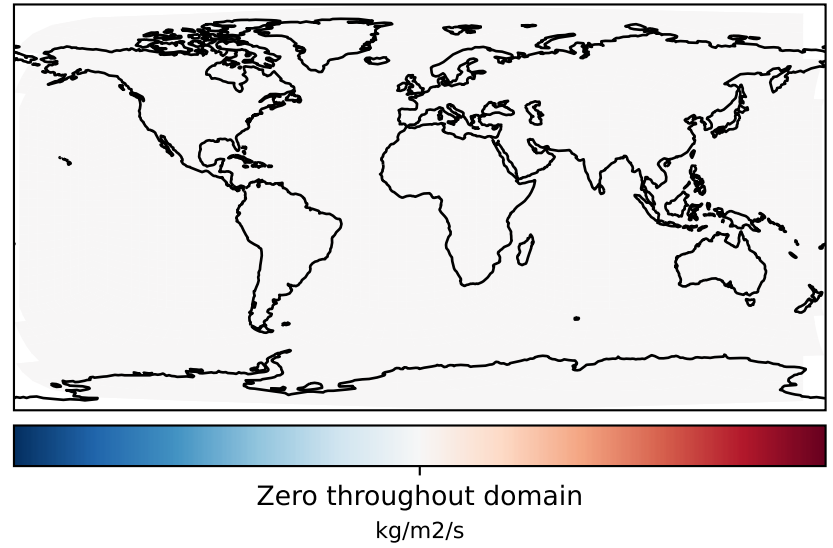
Raw GEOS-FP input, 3-hr winds (Dev)
c24



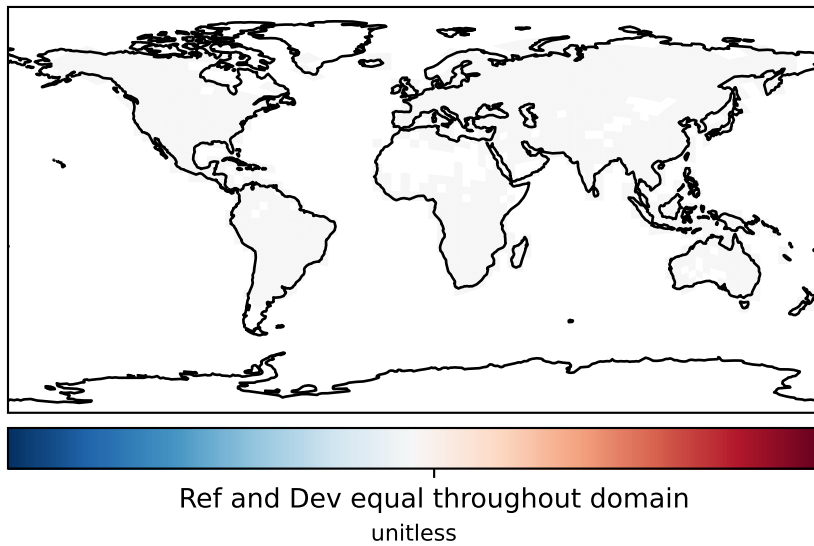
Difference
Dev - Ref, Dynamic Range



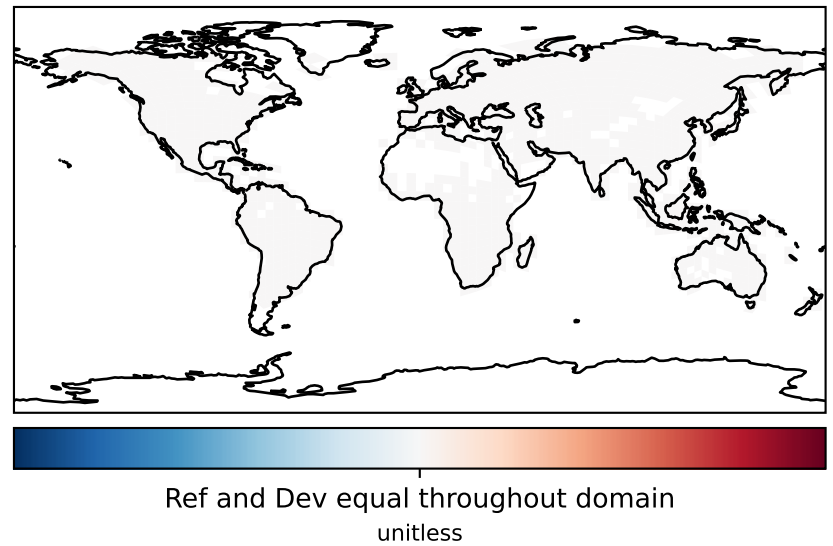
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

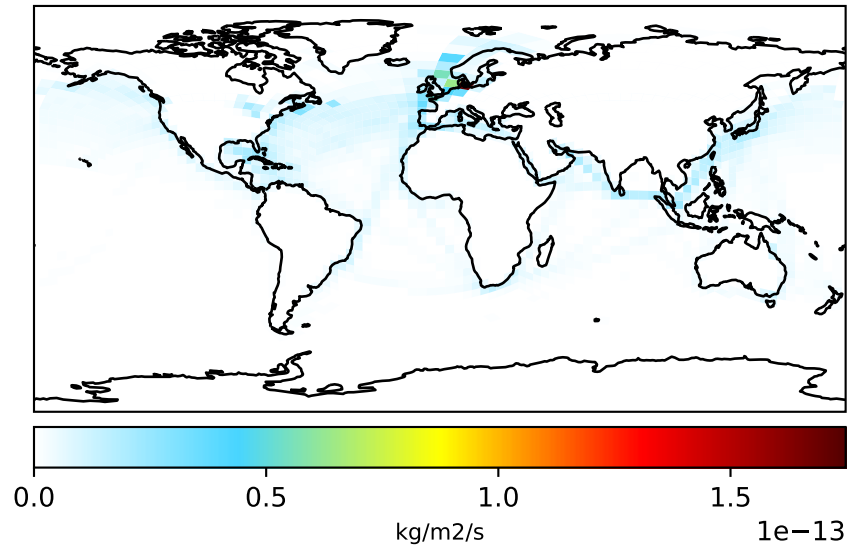


Ratio
Dev/Ref, Fixed Range

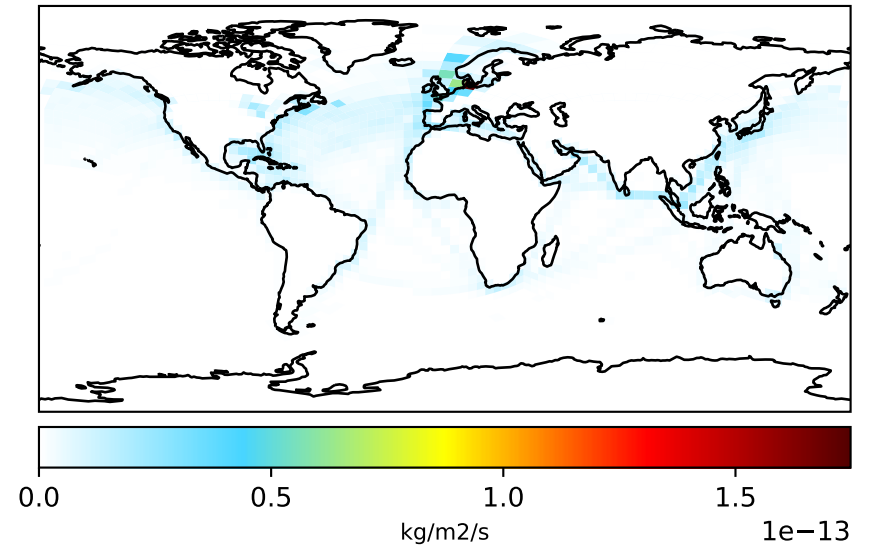


EmisOCPI_Ship

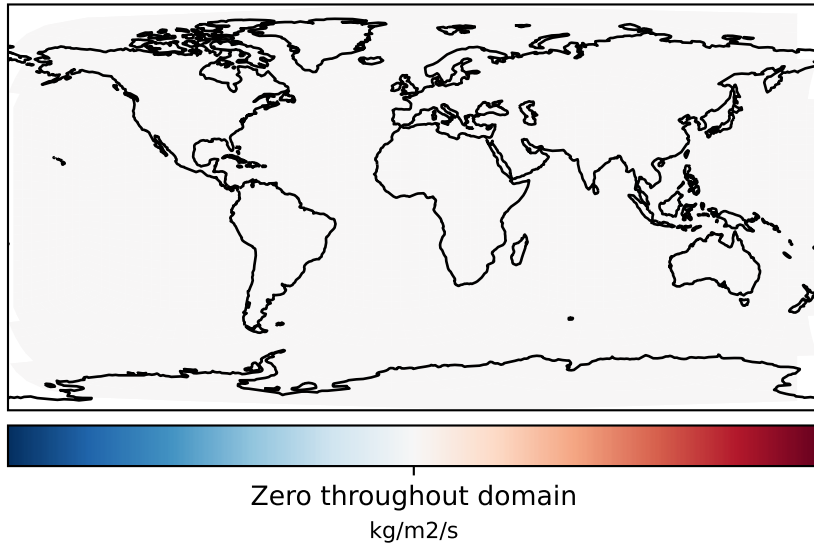
Processed GEOS-FP input, 3-hr winds (Ref)
c24



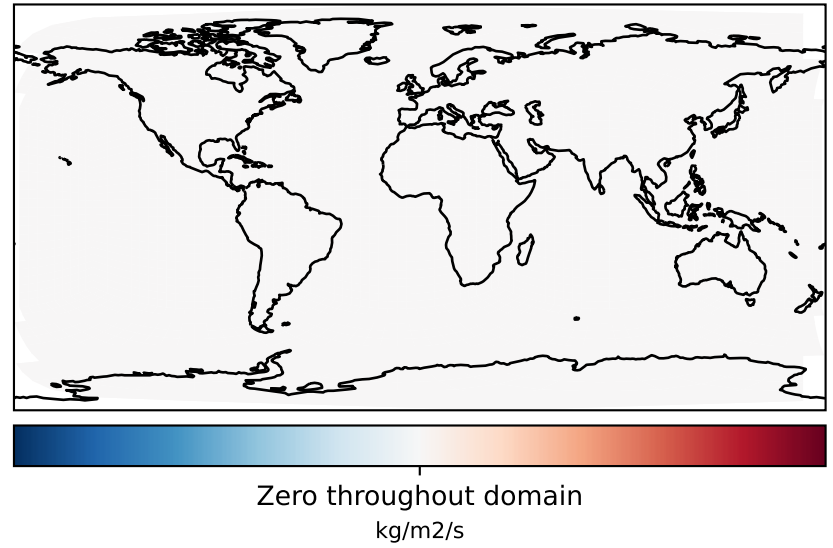
Raw GEOS-FP input, 3-hr winds (Dev)
c24



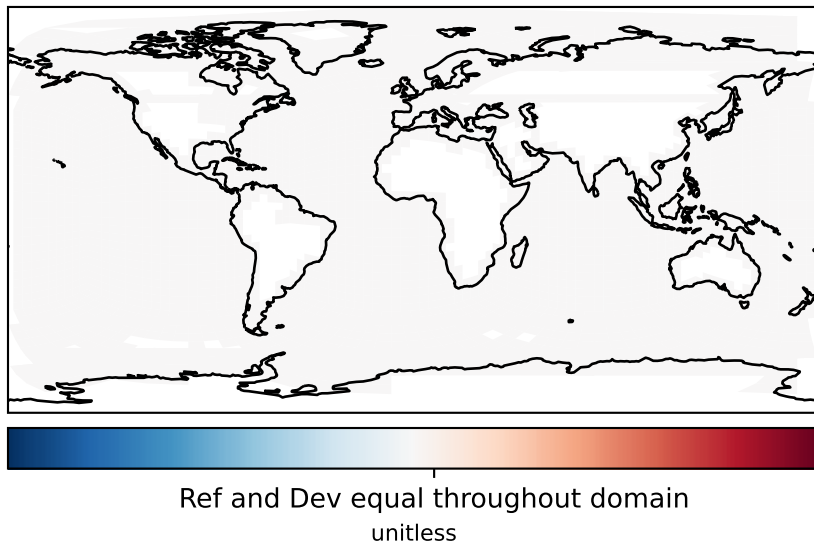
Difference
Dev - Ref, Dynamic Range



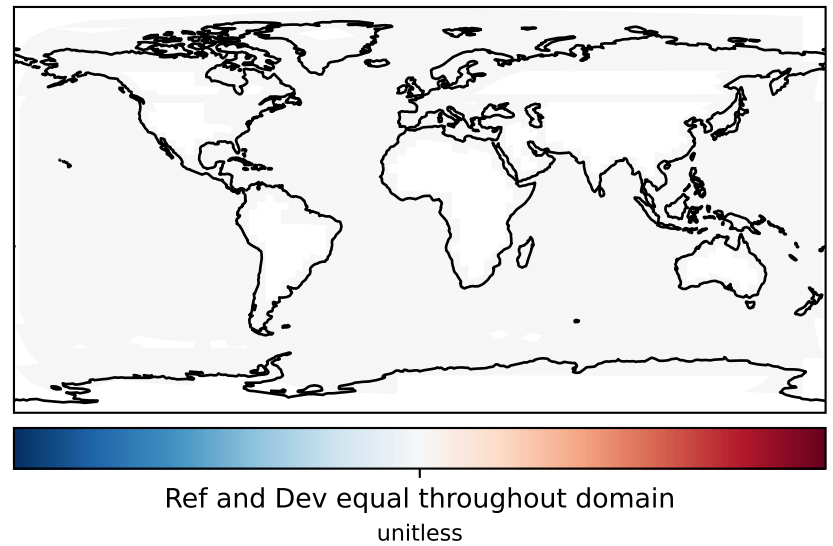
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

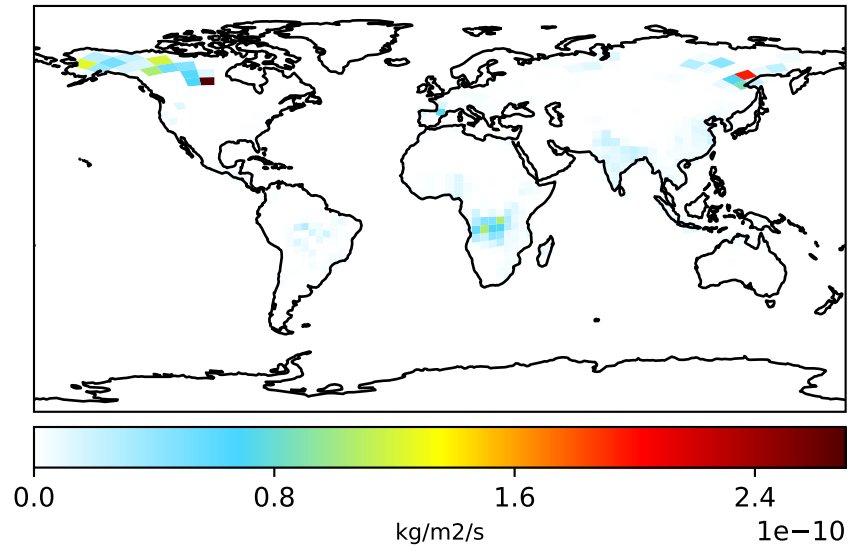


Ratio
Dev/Ref, Fixed Range

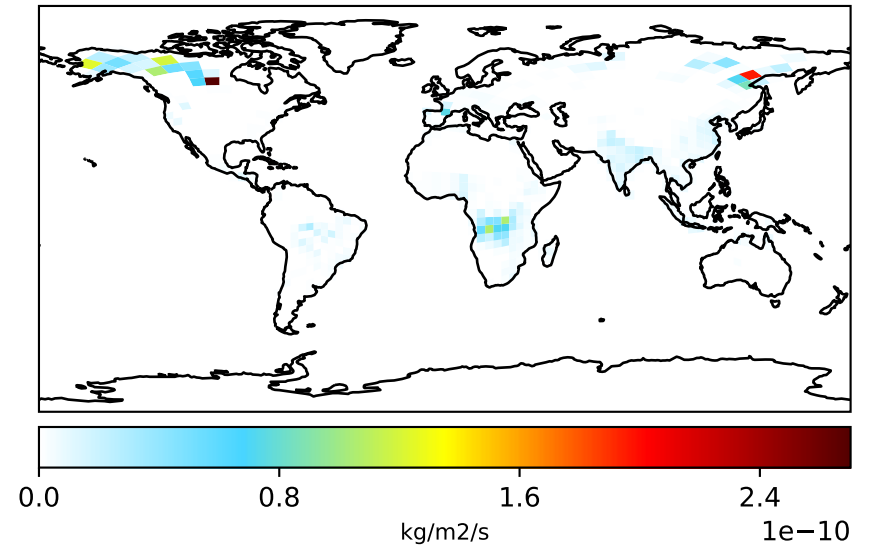


EmisOCPI_Total

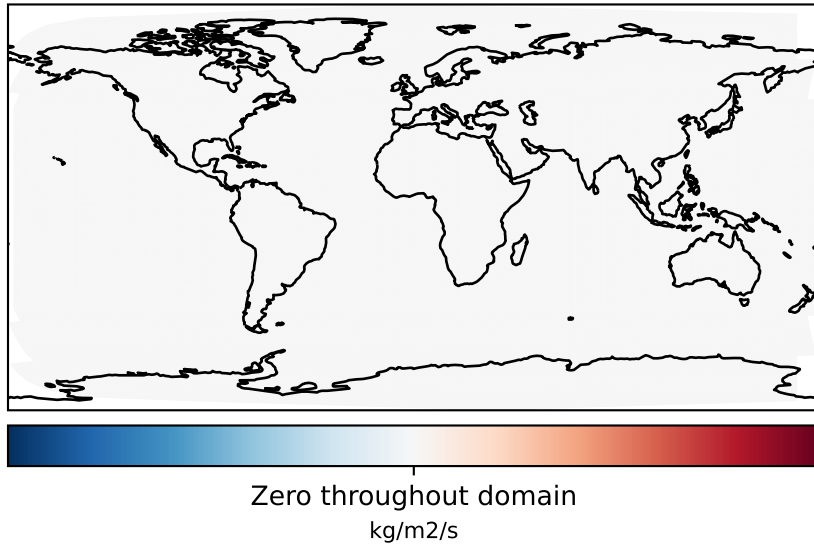
Processed GEOS-FP input, 3-hr winds (Ref)
c24



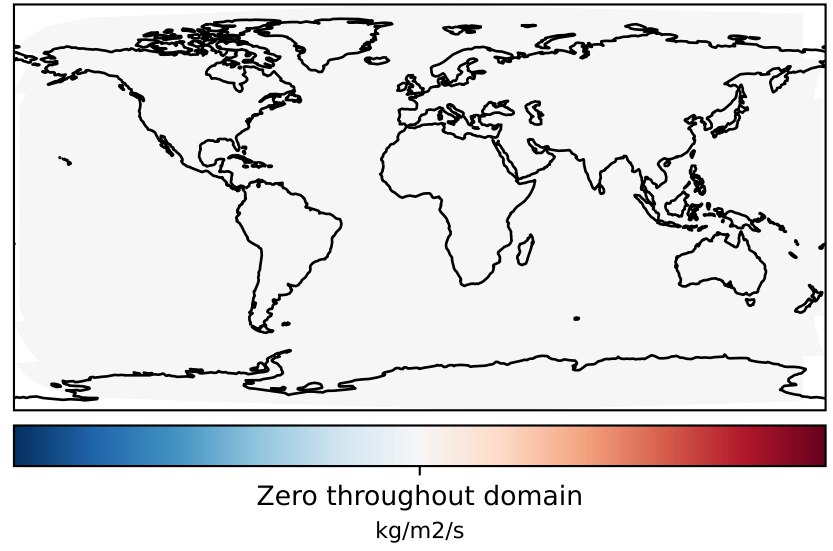
Raw GEOS-FP input, 3-hr winds (Dev)
c24



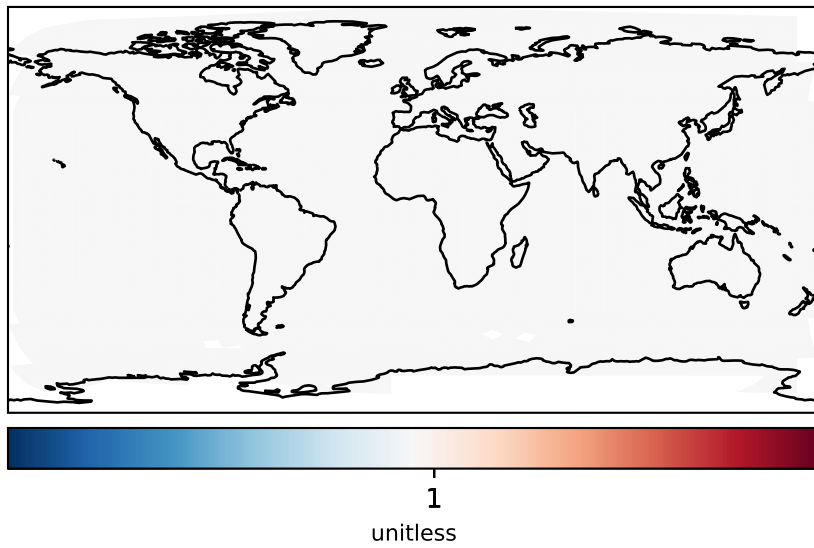
Difference
Dev - Ref, Dynamic Range



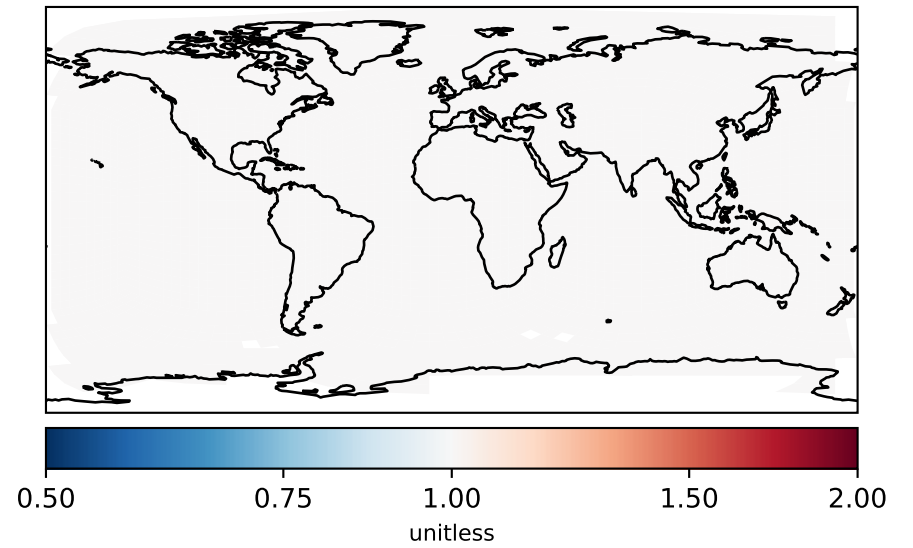
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

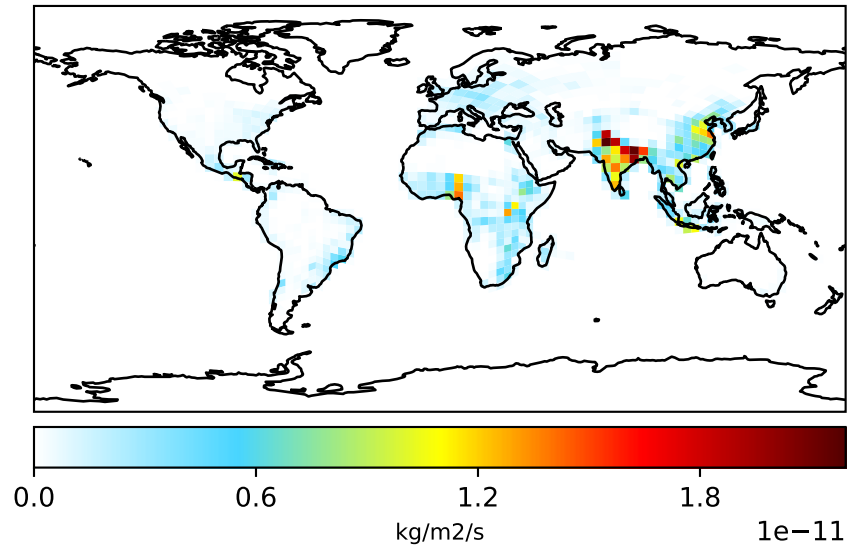


Ratio
Dev/Ref, Fixed Range

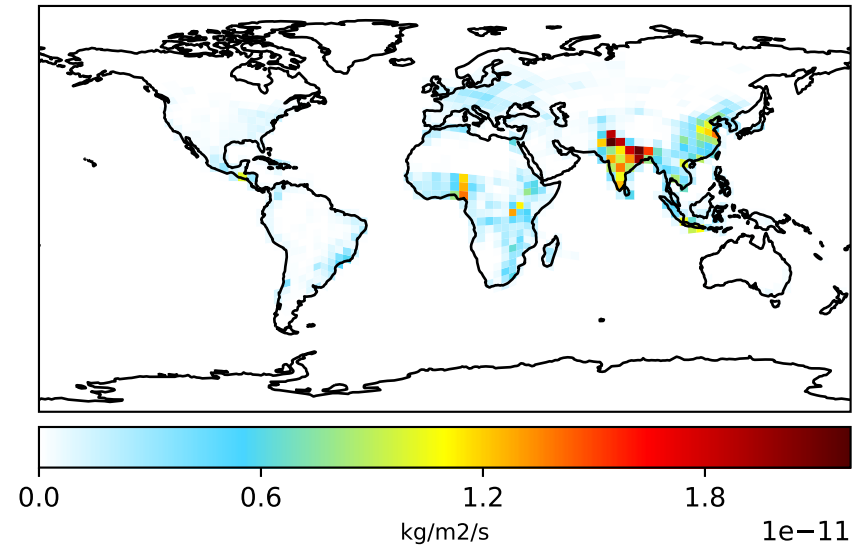


EmisOCPO_Anthro

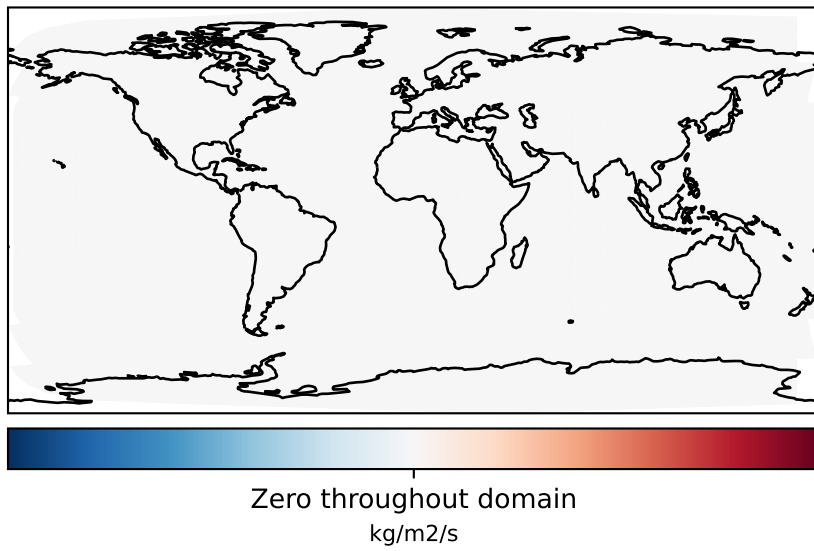
Processed GEOS-FP input, 3-hr winds (Ref)
c24



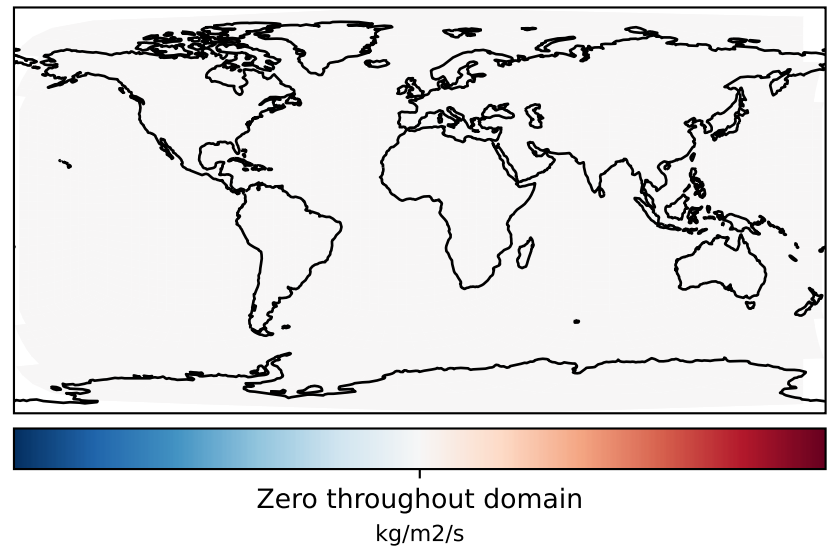
Raw GEOS-FP input, 3-hr winds (Dev)
c24



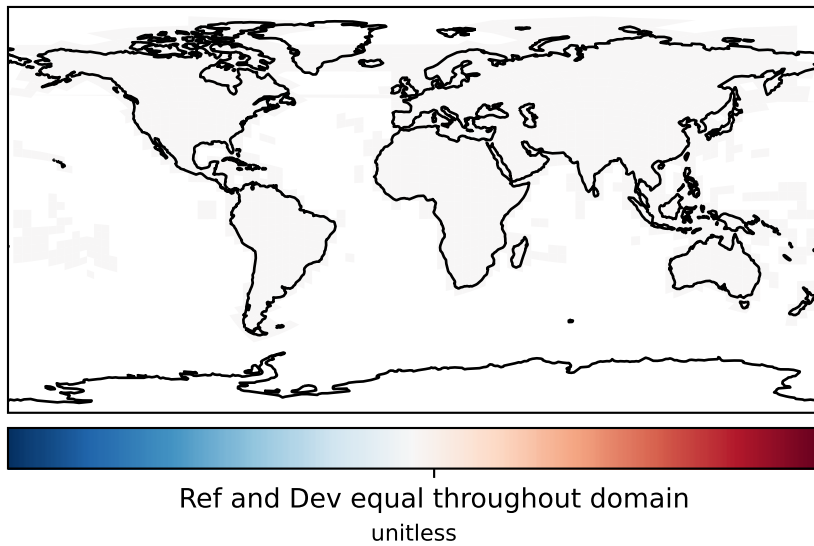
Difference
Dev - Ref, Dynamic Range



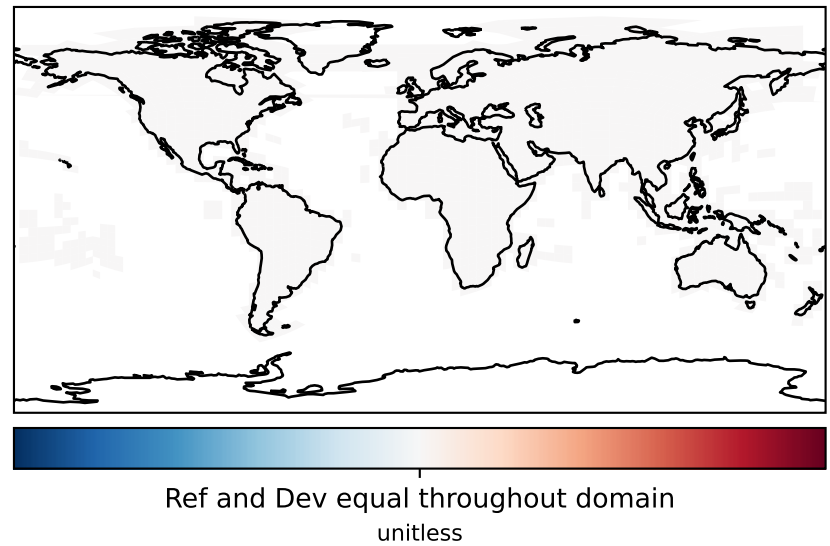
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

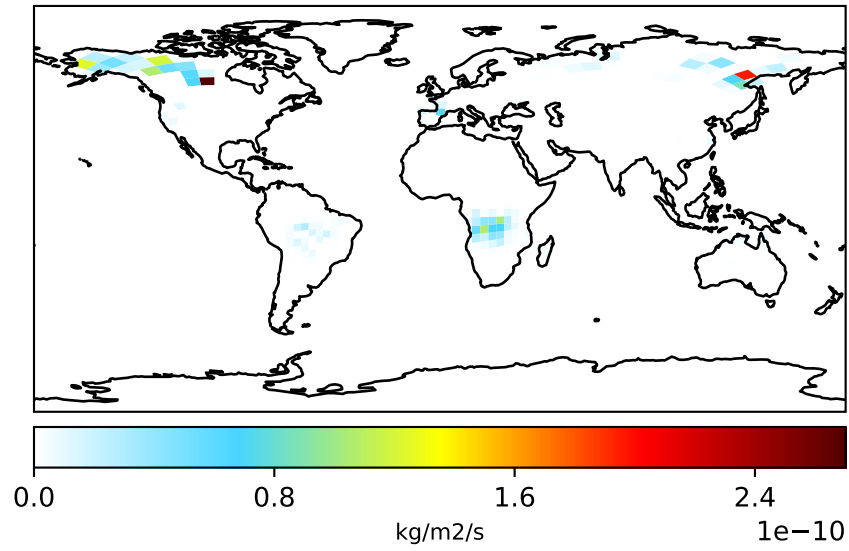


Ratio
Dev/Ref, Fixed Range

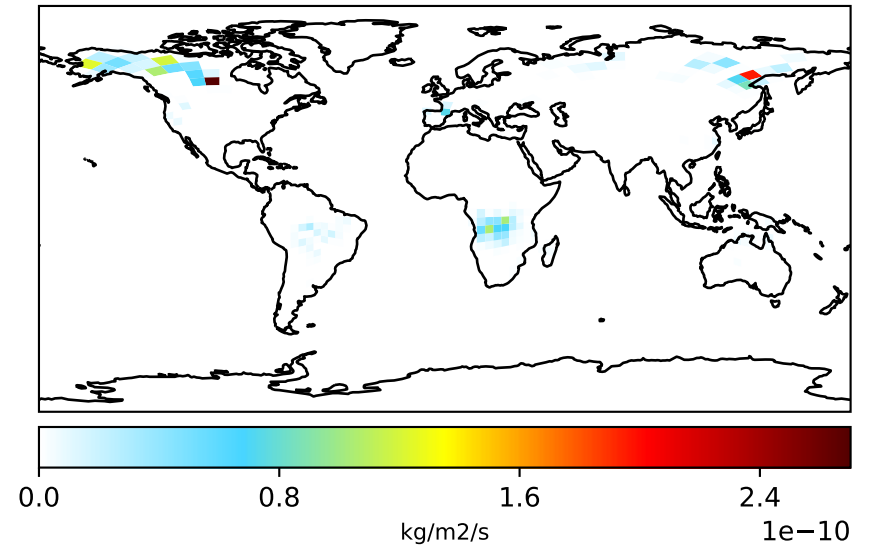


EmisOCPO_BioBurn

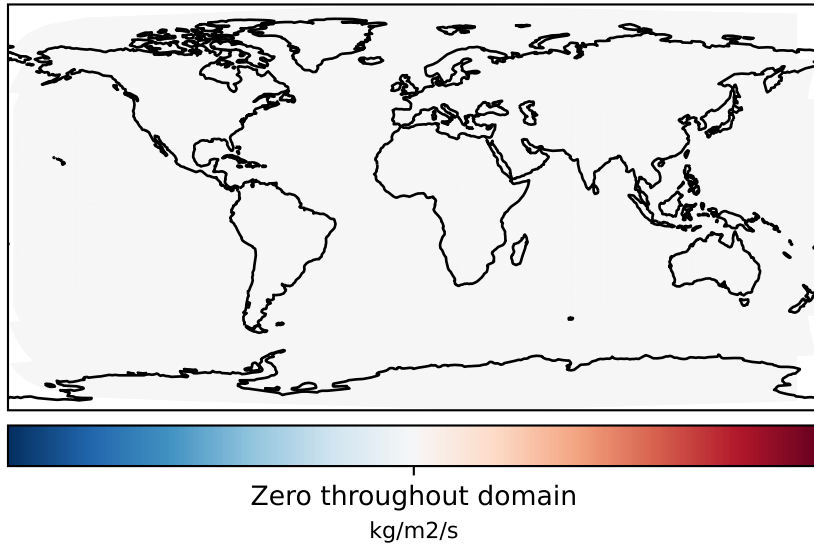
Processed GEOS-FP input, 3-hr winds (Ref)
c24



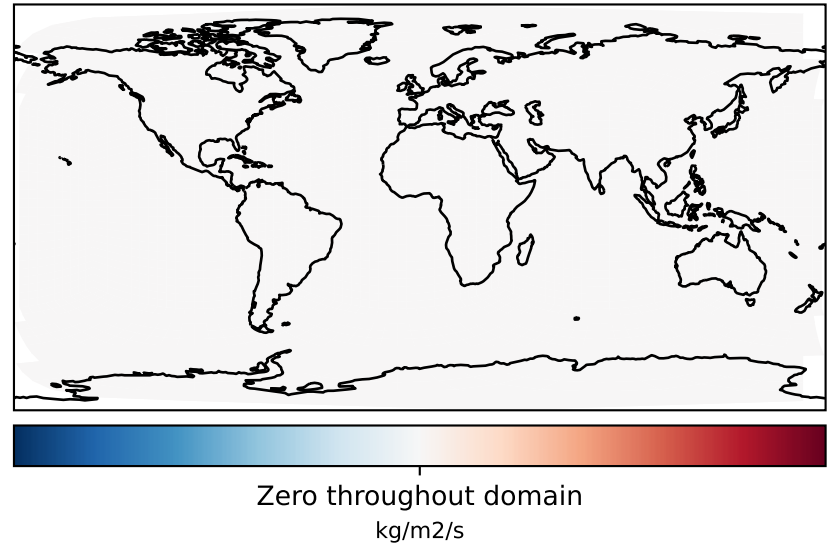
Raw GEOS-FP input, 3-hr winds (Dev)
c24



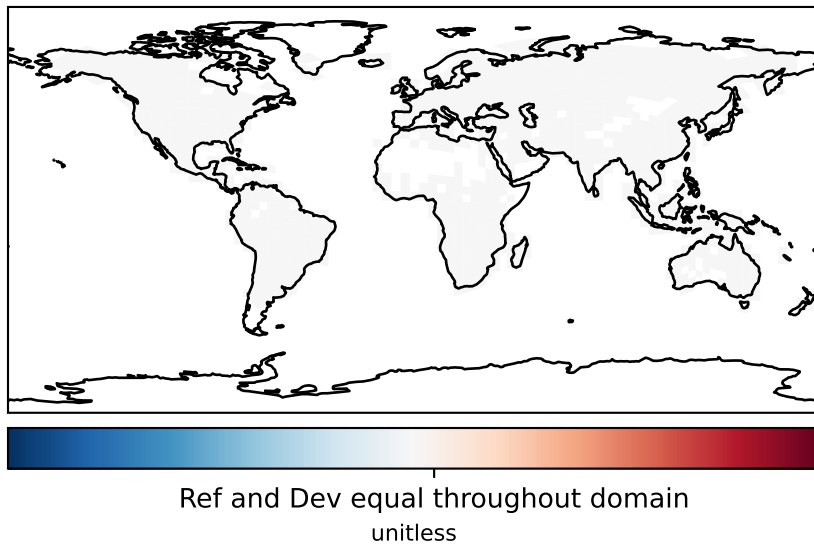
Difference
Dev - Ref, Dynamic Range



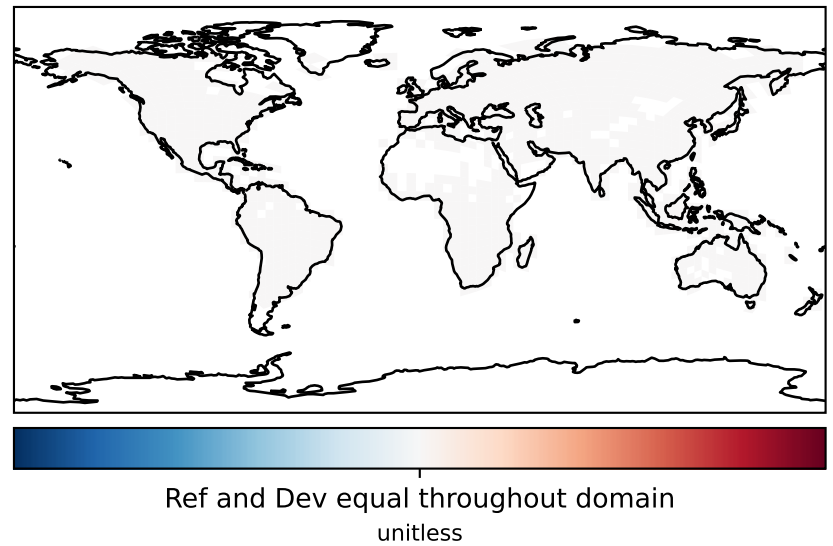
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

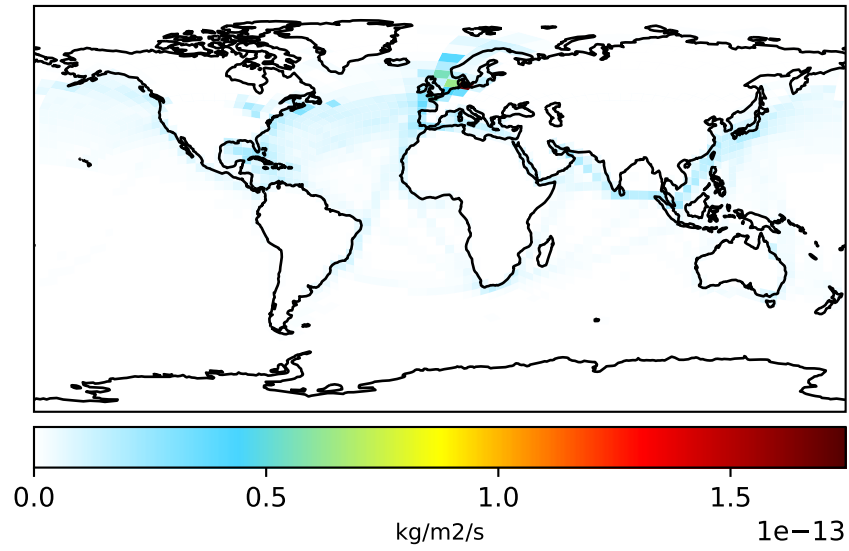


Ratio
Dev/Ref, Fixed Range

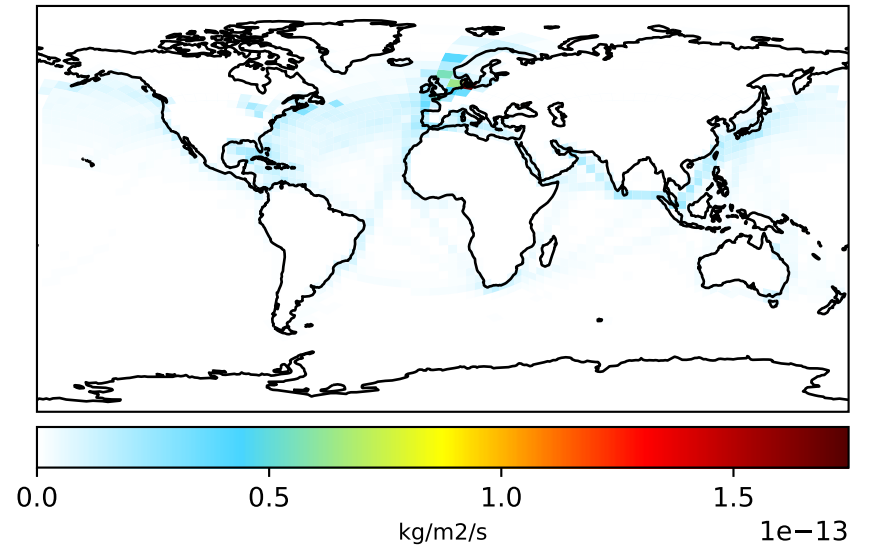


EmisOCPO_Ship

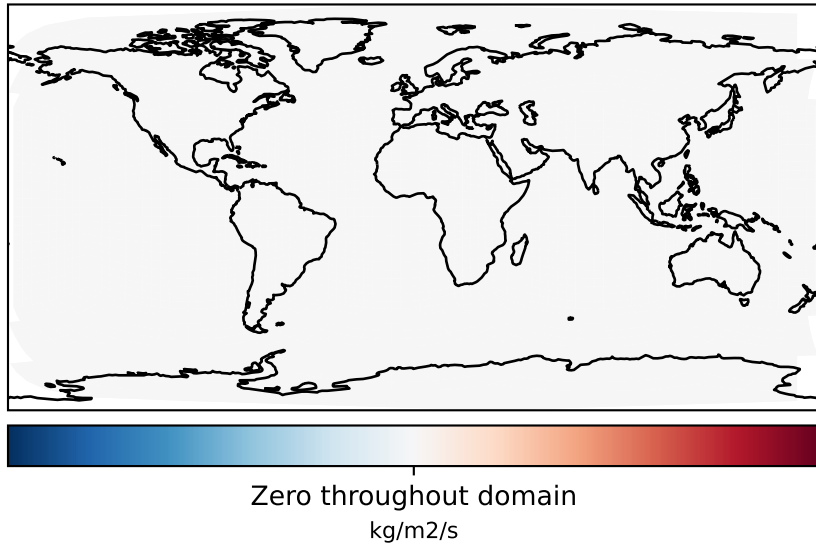
Processed GEOS-FP input, 3-hr winds (Ref)
c24



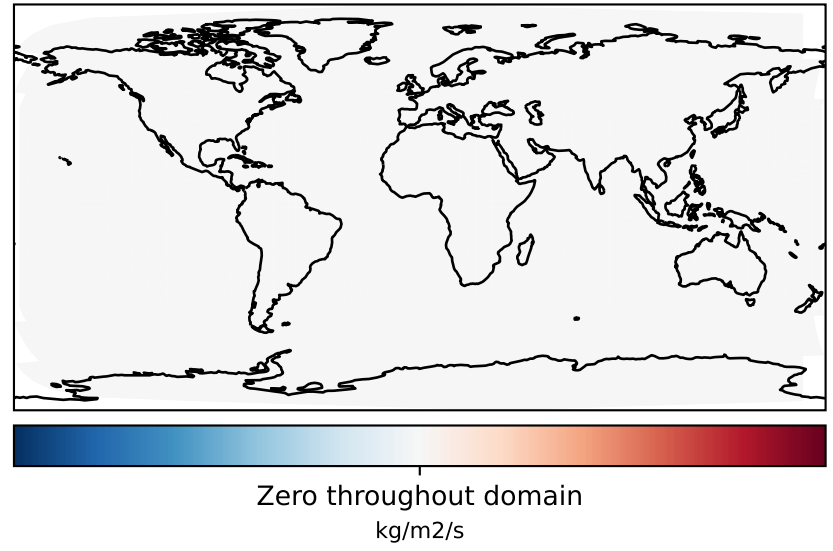
Raw GEOS-FP input, 3-hr winds (Dev)
c24



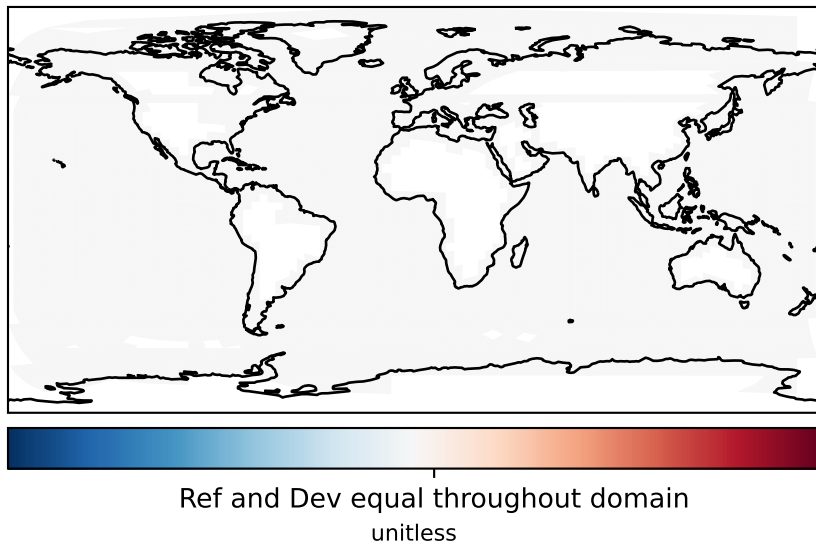
Difference
Dev - Ref, Dynamic Range



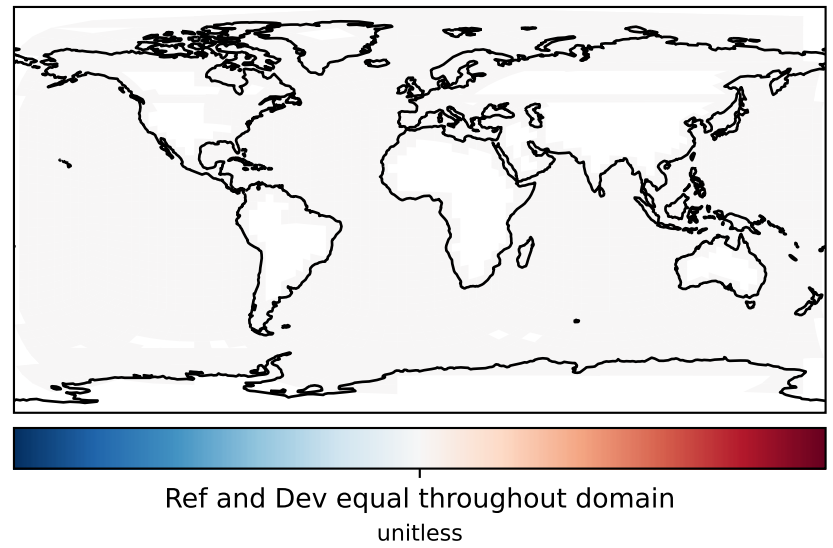
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

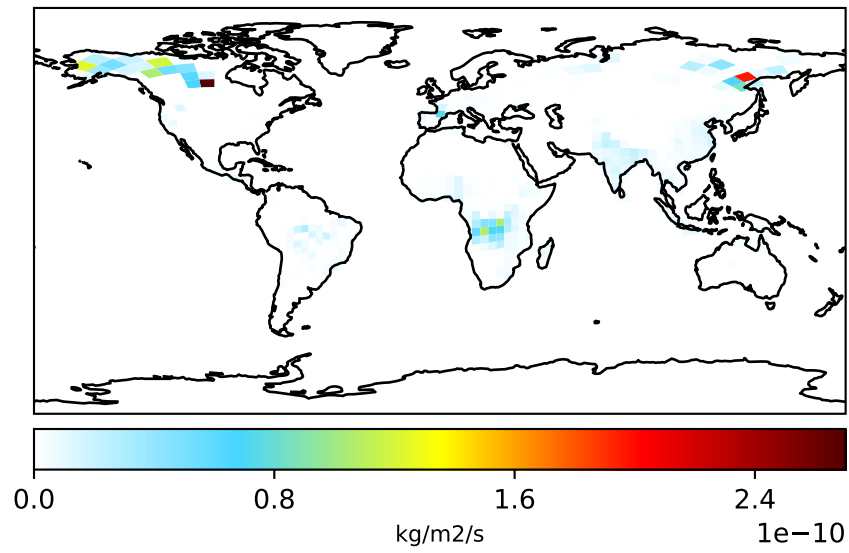


Ratio
Dev/Ref, Fixed Range

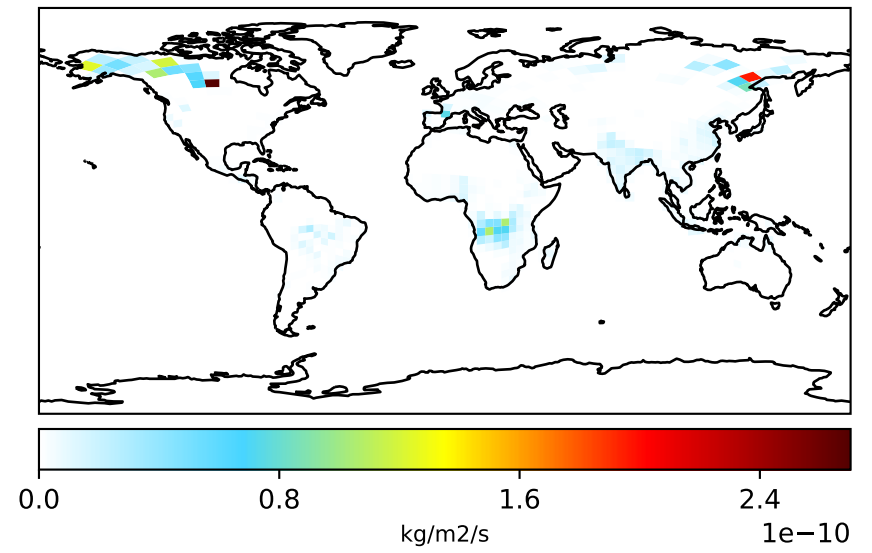


EmisOCPO_Total

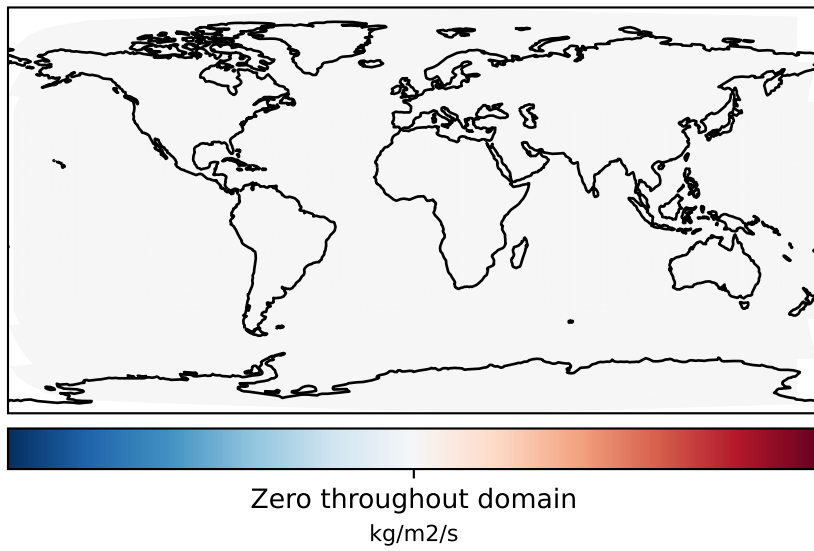
Processed GEOS-FP input, 3-hr winds (Ref)
c24



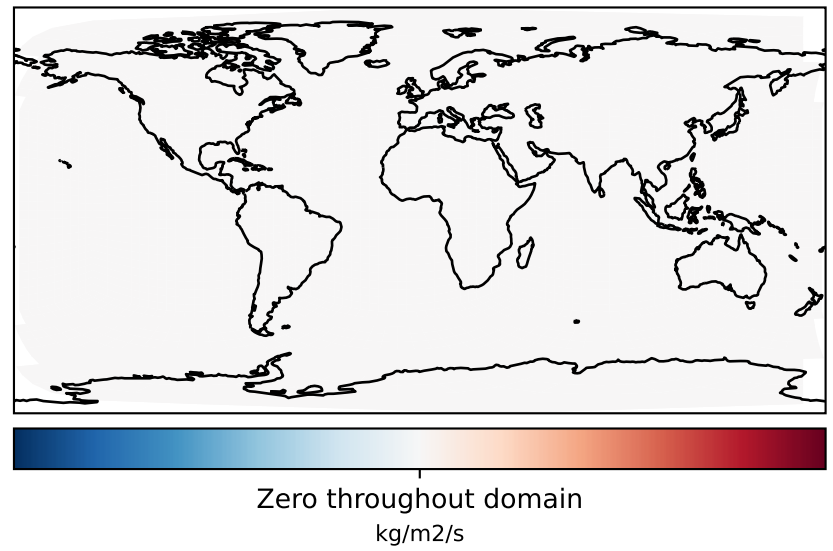
Raw GEOS-FP input, 3-hr winds (Dev)
c24



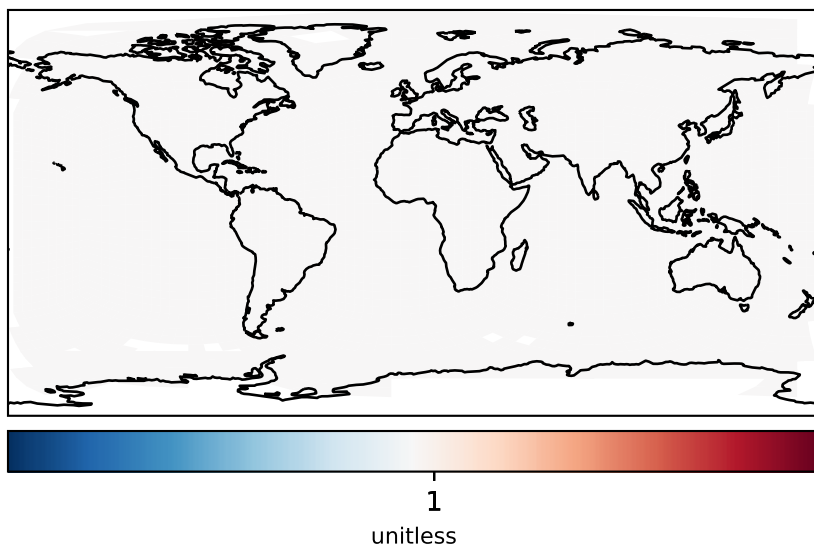
Difference
Dev - Ref, Dynamic Range



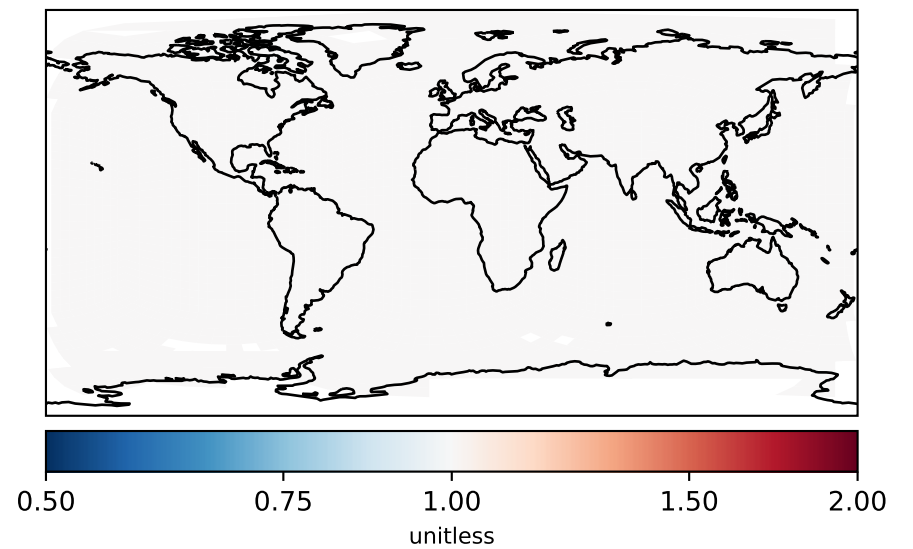
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

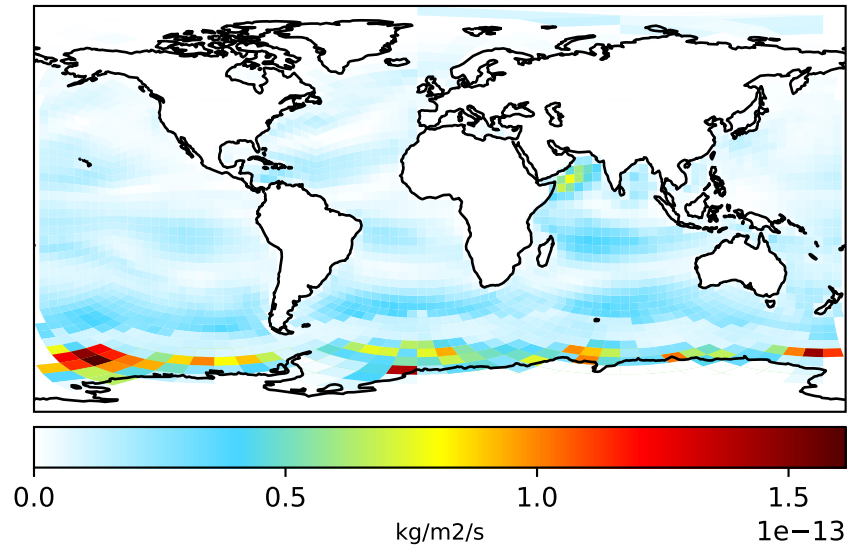


Ratio
Dev/Ref, Fixed Range

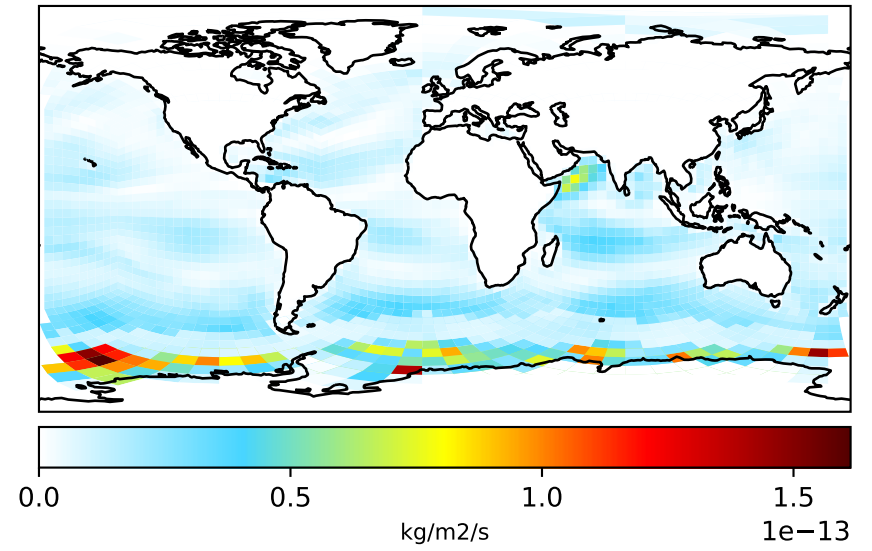


EmisBrSALA_Natural

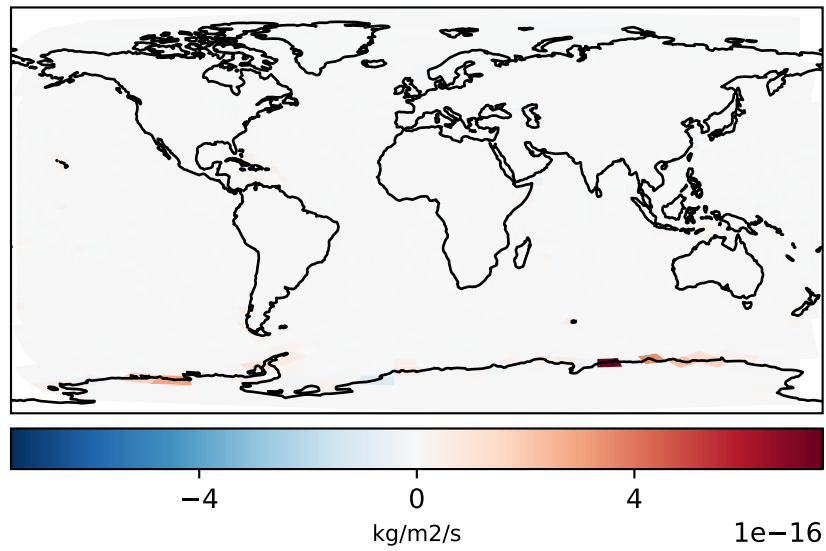
Processed GEOS-FP input, 3-hr winds (Ref)
c24



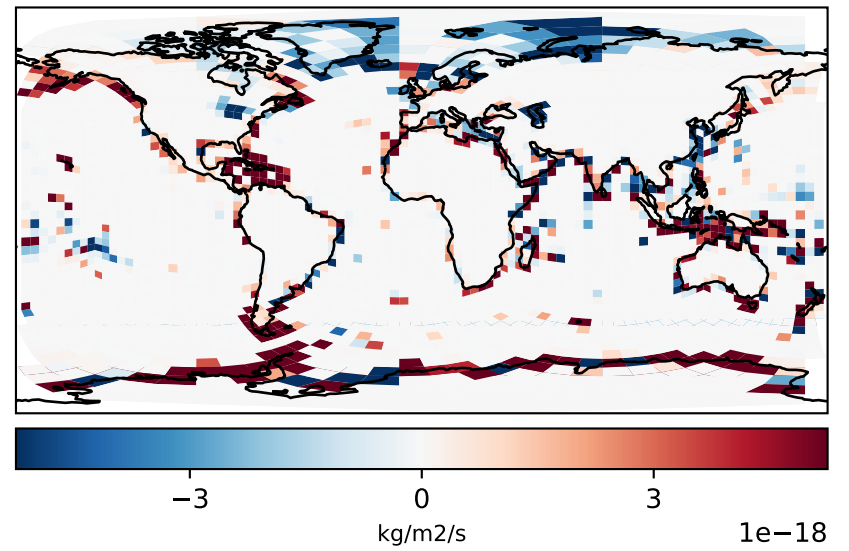
Raw GEOS-FP input, 3-hr winds (Dev)
c24



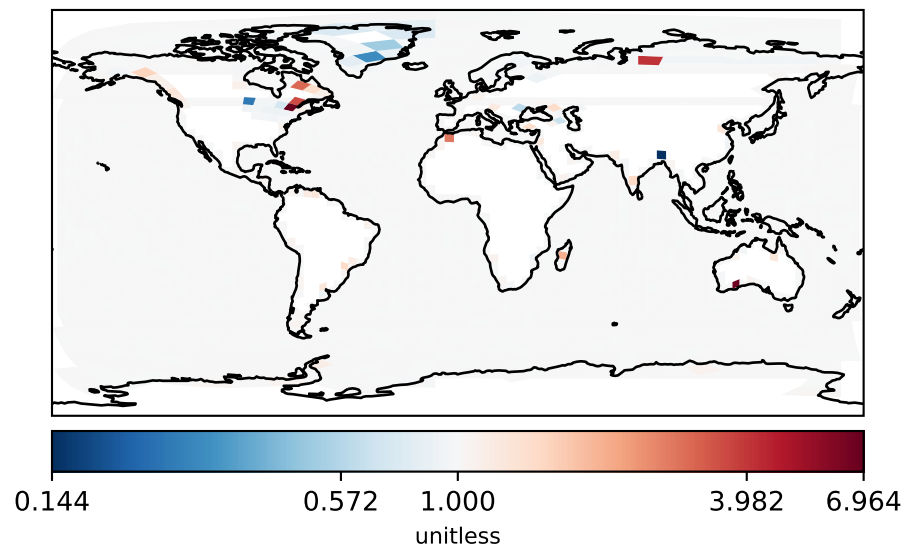
Difference
Dev - Ref, Dynamic Range



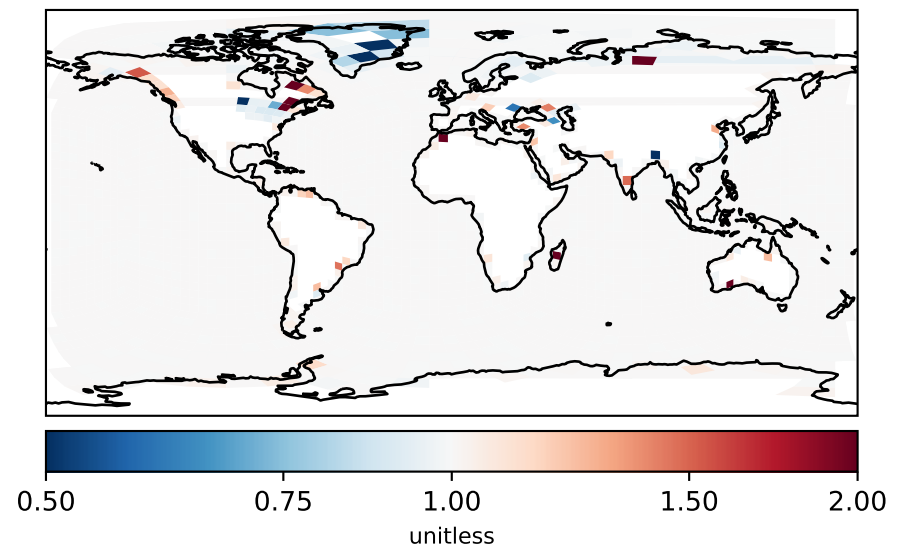
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

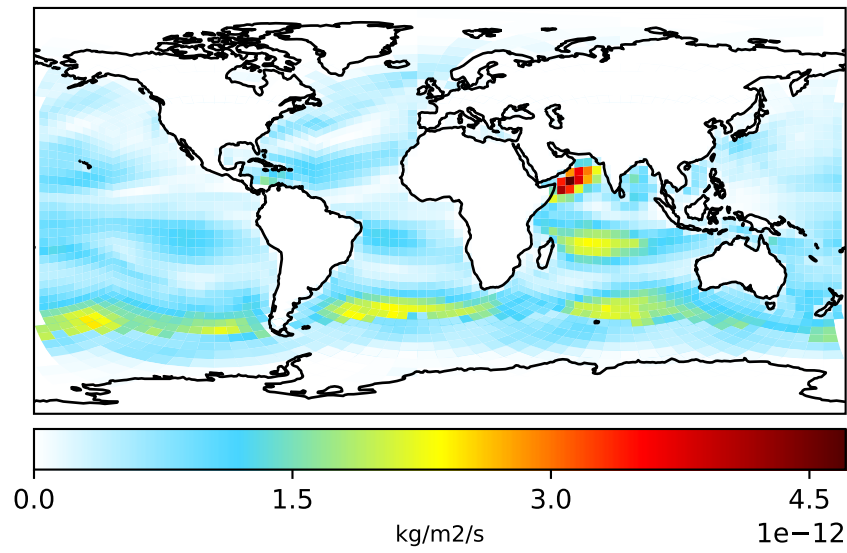


Ratio
Dev/Ref, Fixed Range

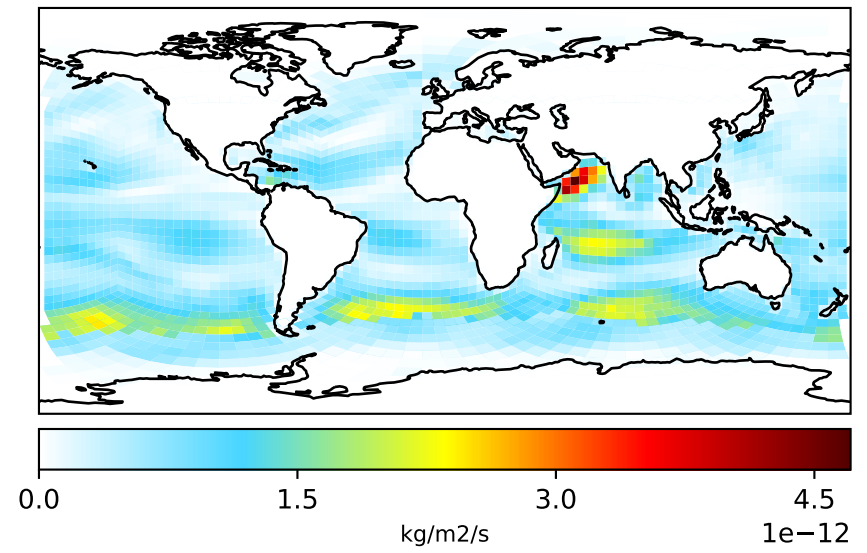


EmisBrSALC_Natural

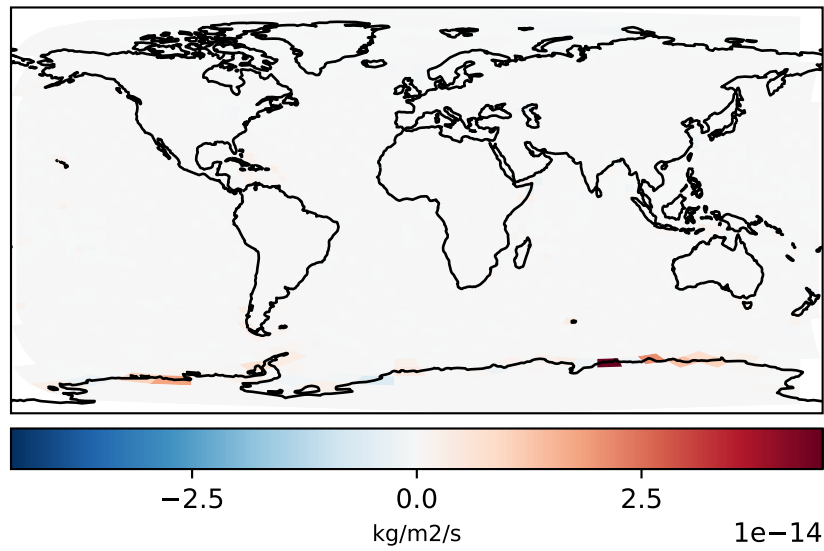
Processed GEOS-FP input, 3-hr winds (Ref)
c24



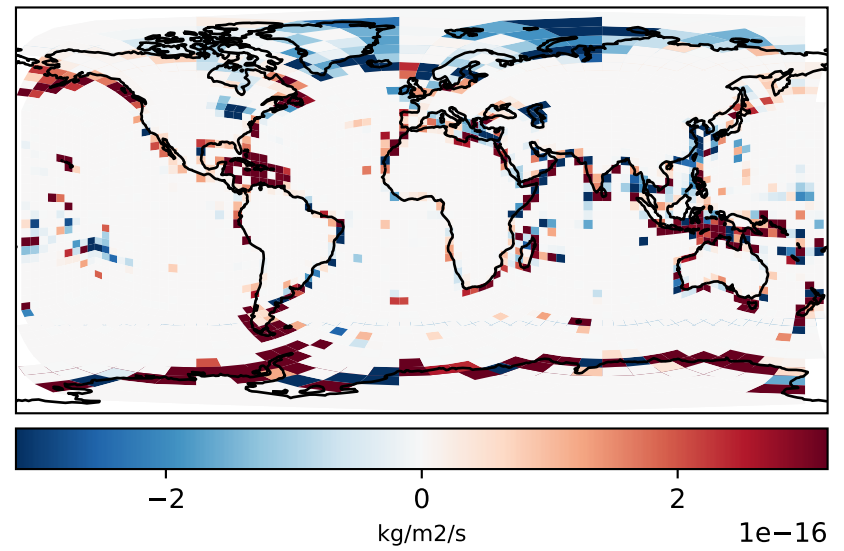
Raw GEOS-FP input, 3-hr winds (Dev)
c24



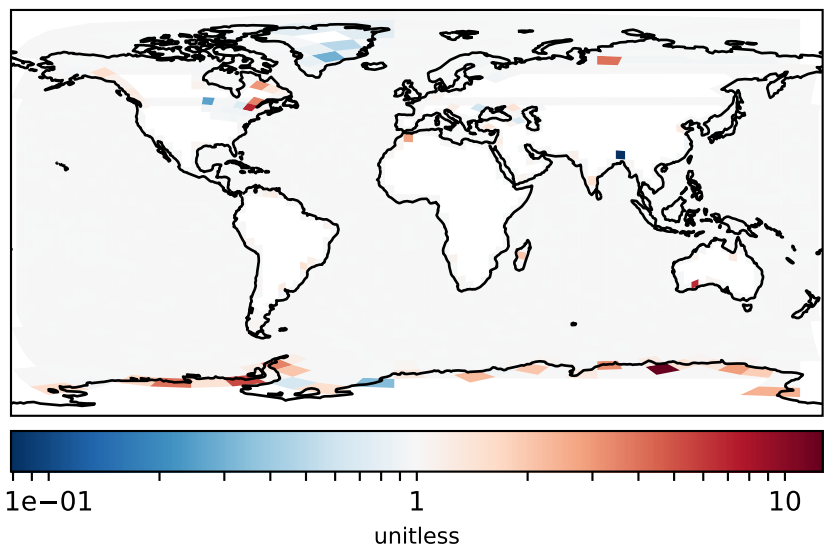
Difference
Dev - Ref, Dynamic Range



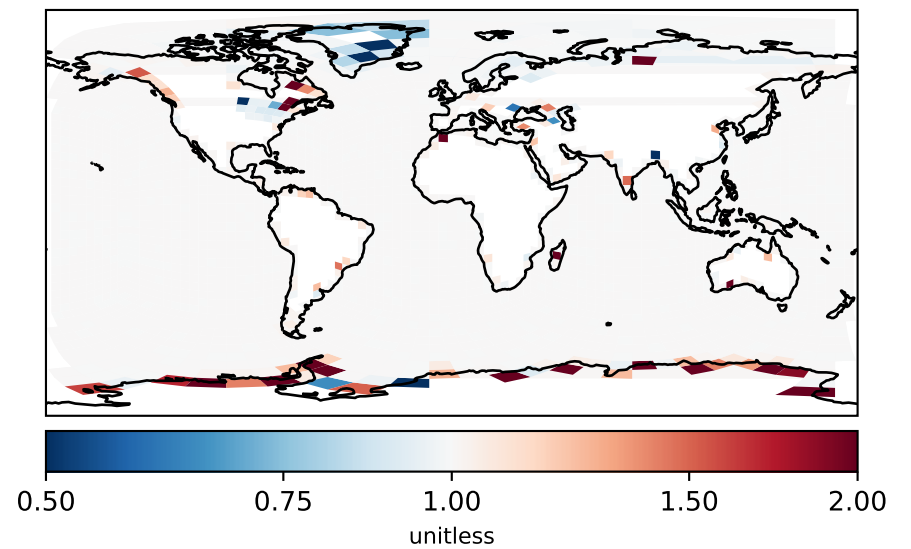
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

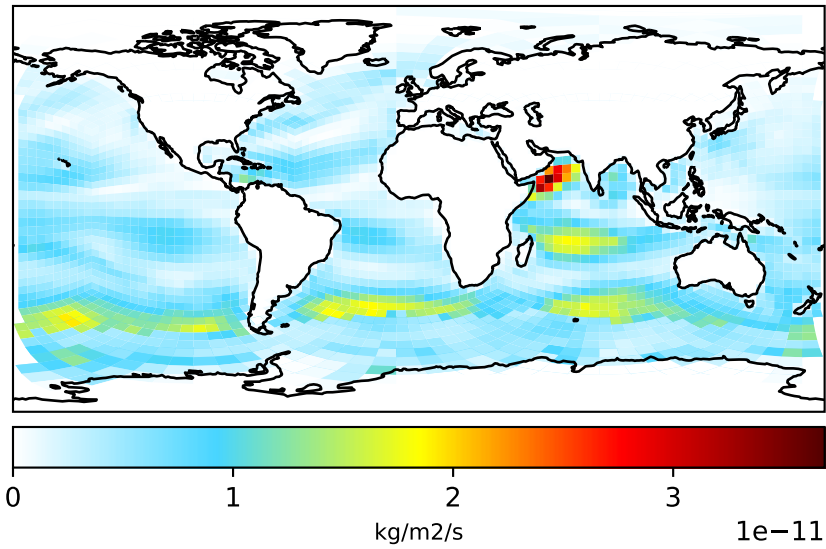


Ratio
Dev/Ref, Fixed Range

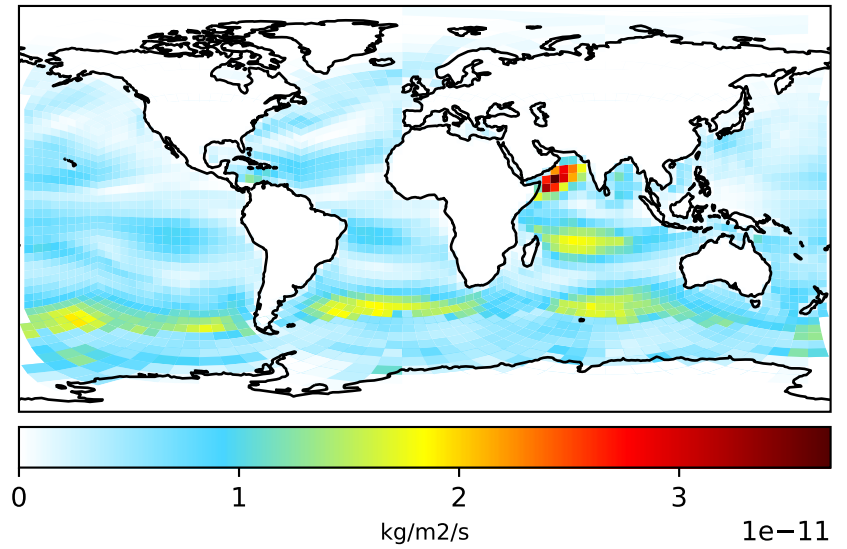


EmisSALA_Natural

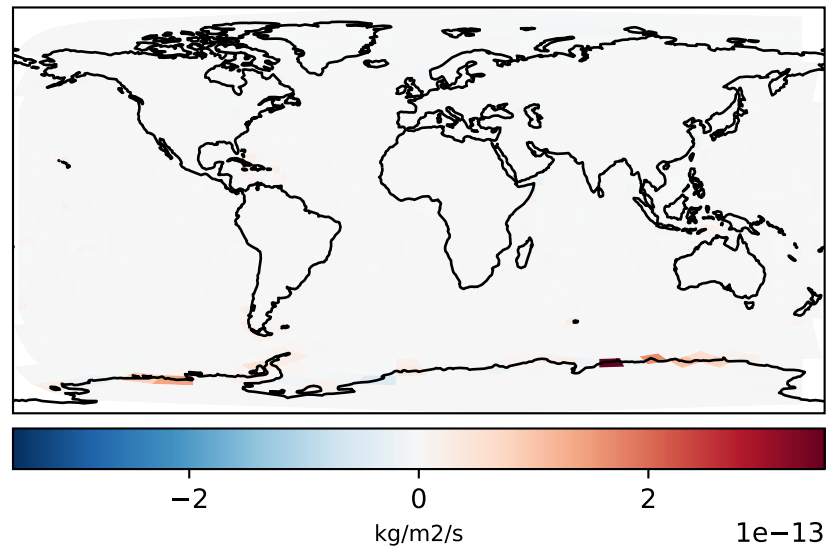
Processed GEOS-FP input, 3-hr winds (Ref)
c24



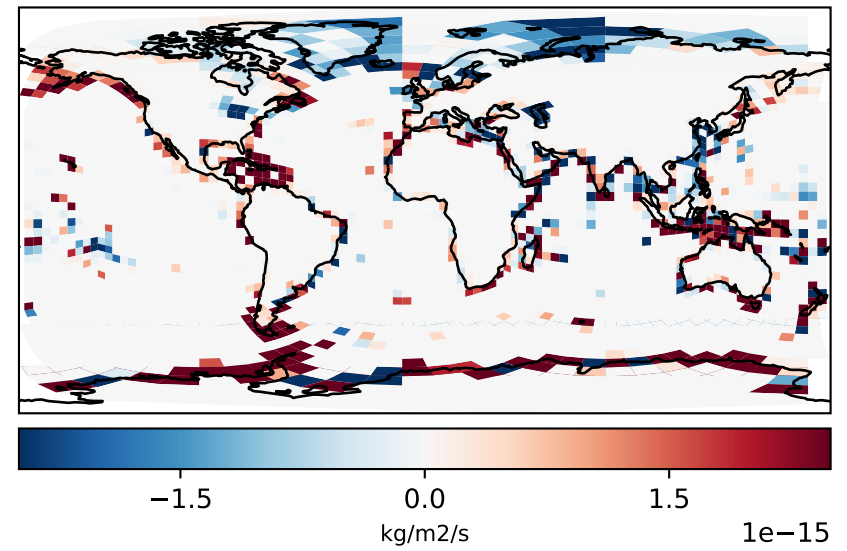
Raw GEOS-FP input, 3-hr winds (Dev)
c24



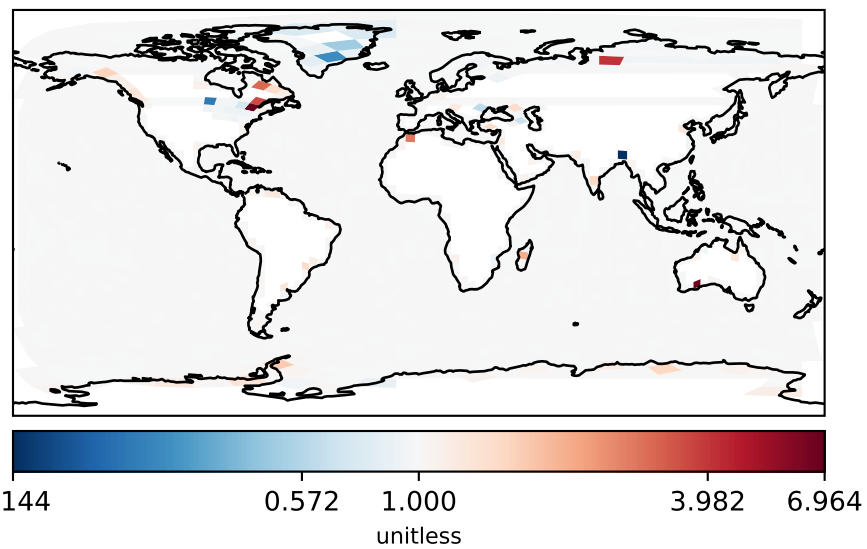
Difference
Dev - Ref, Dynamic Range



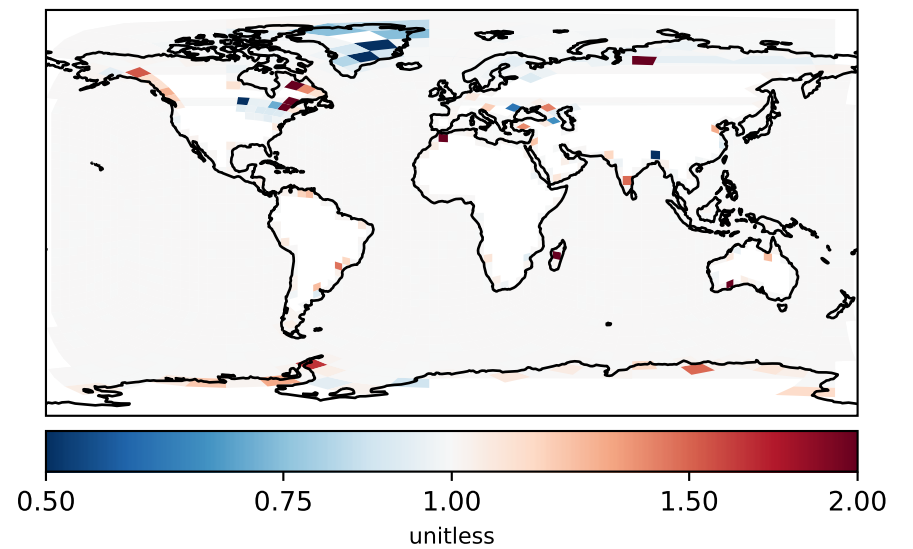
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

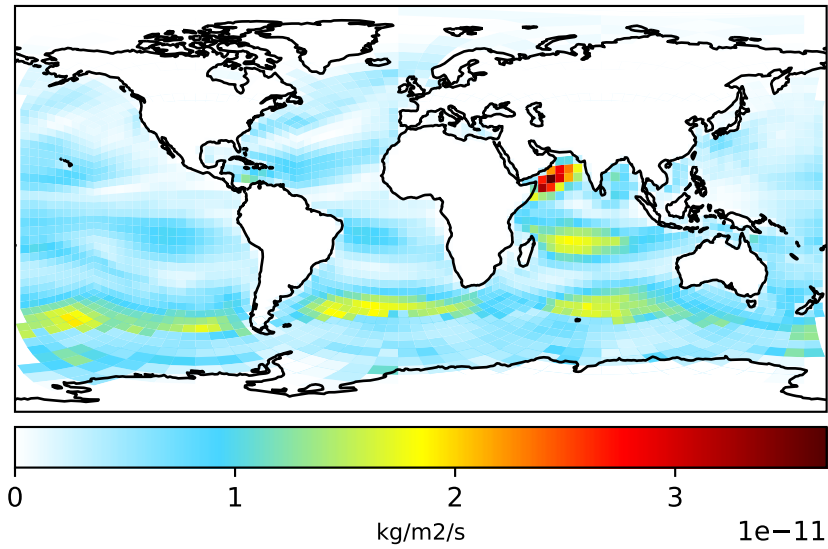


Ratio
Dev/Ref, Fixed Range

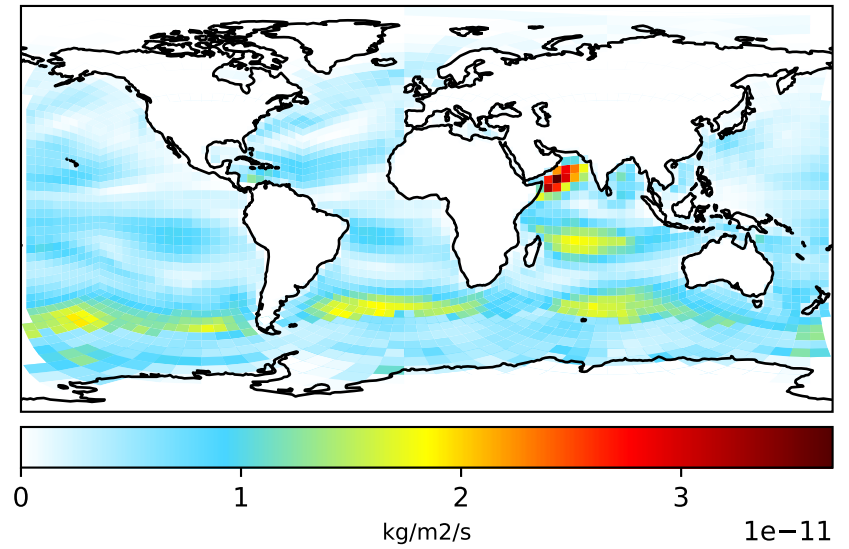


EmisSALAAL_Natural

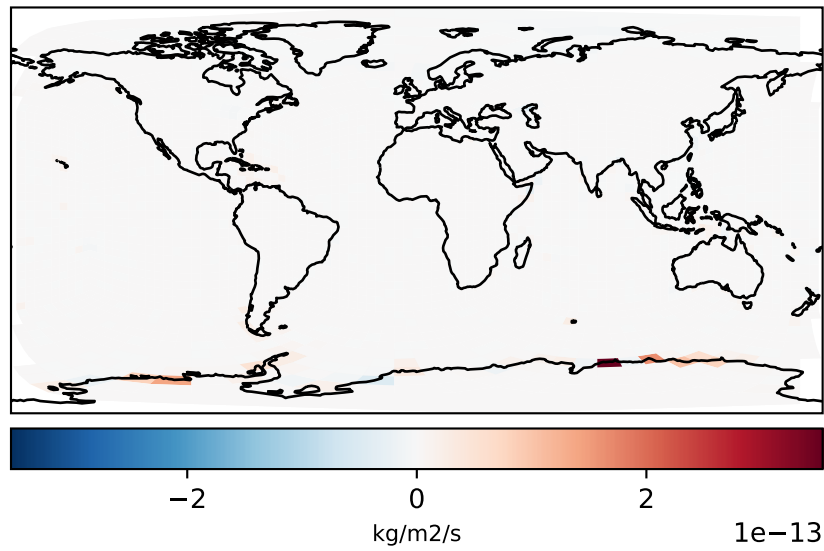
Processed GEOS-FP input, 3-hr winds (Ref)
c24



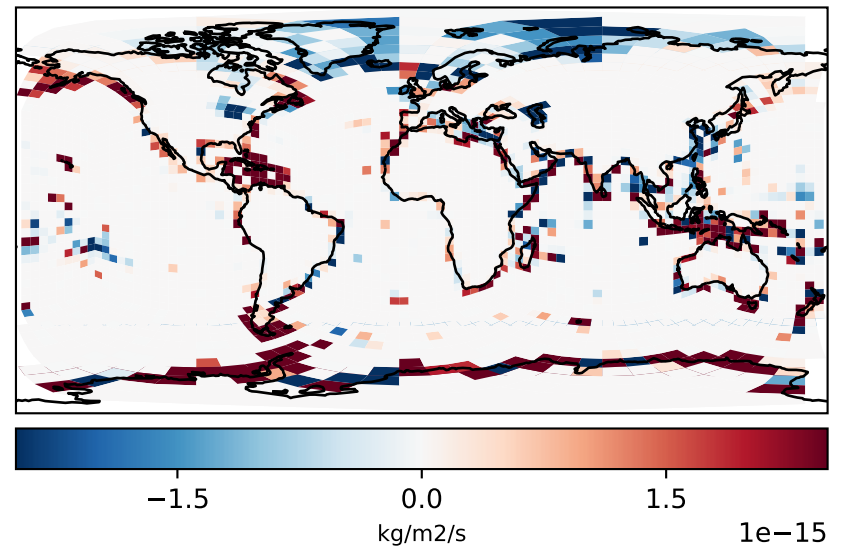
Raw GEOS-FP input, 3-hr winds (Dev)
c24



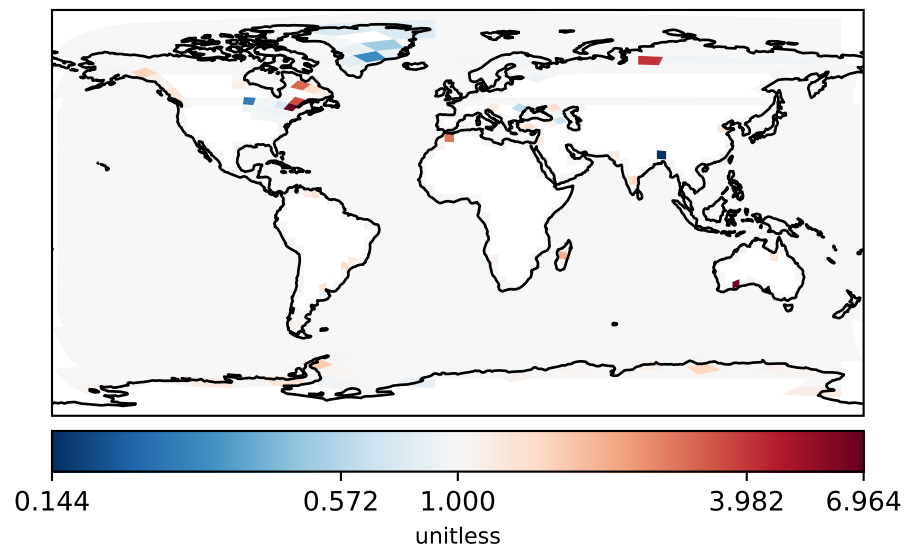
Difference
Dev - Ref, Dynamic Range



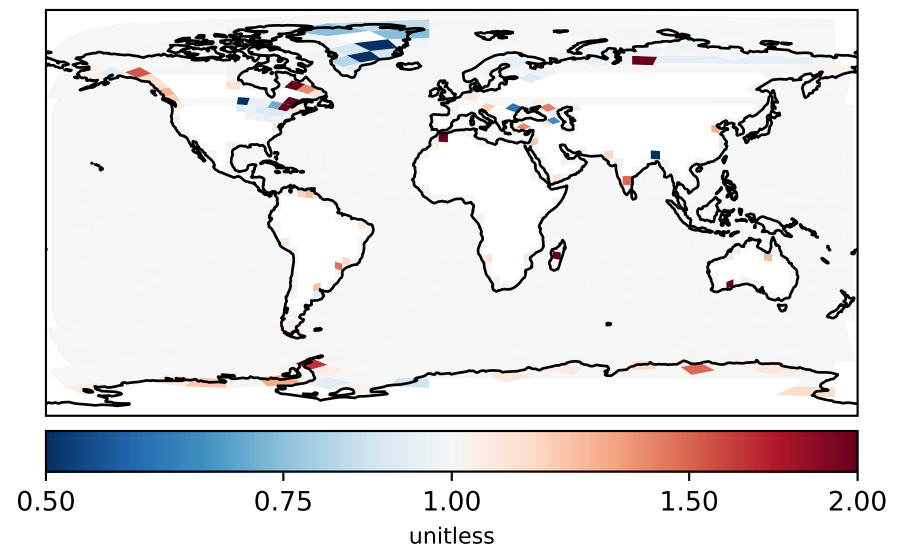
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

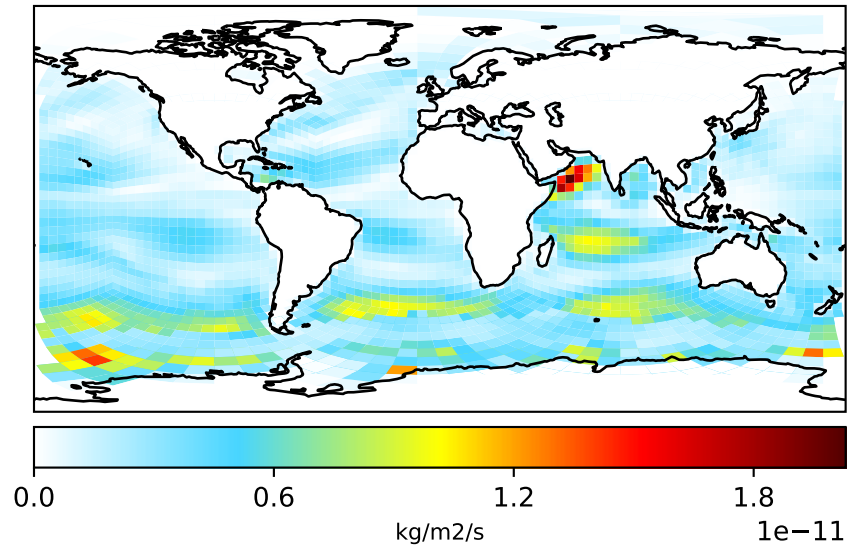


Ratio
Dev/Ref, Fixed Range

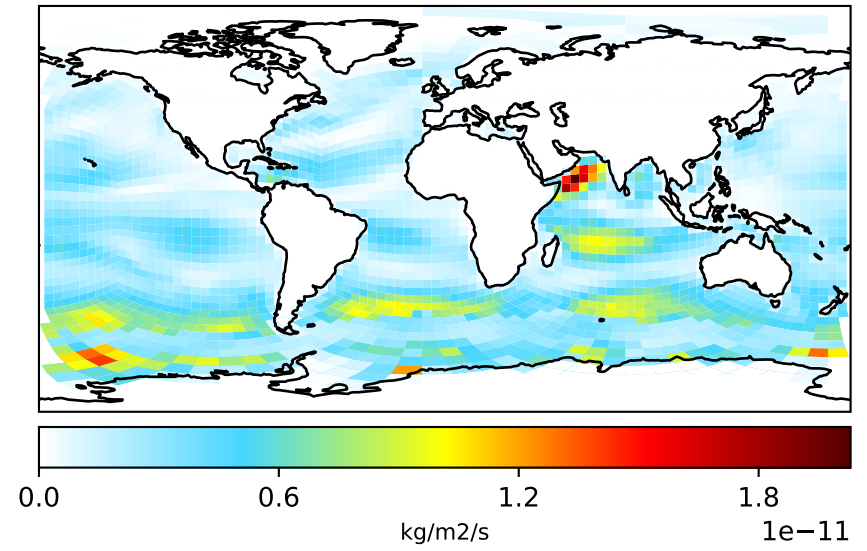


EmisSALACL_Natural

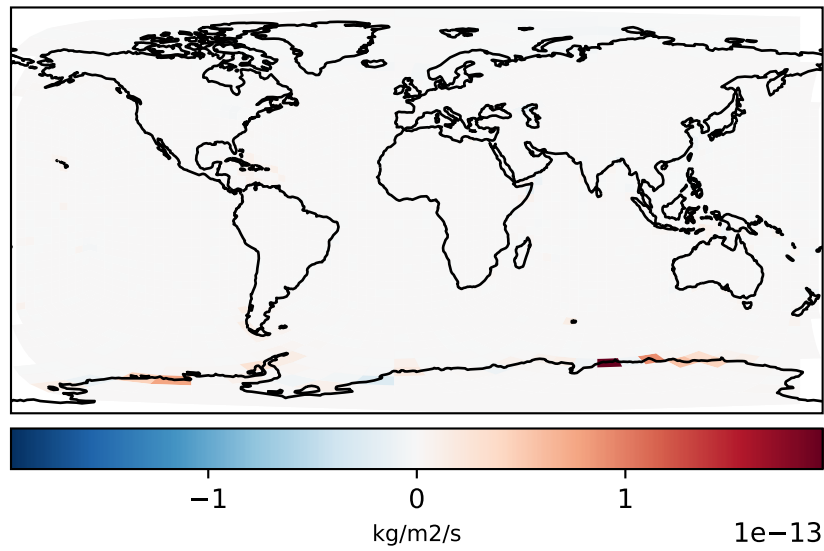
Processed GEOS-FP input, 3-hr winds (Ref)
c24



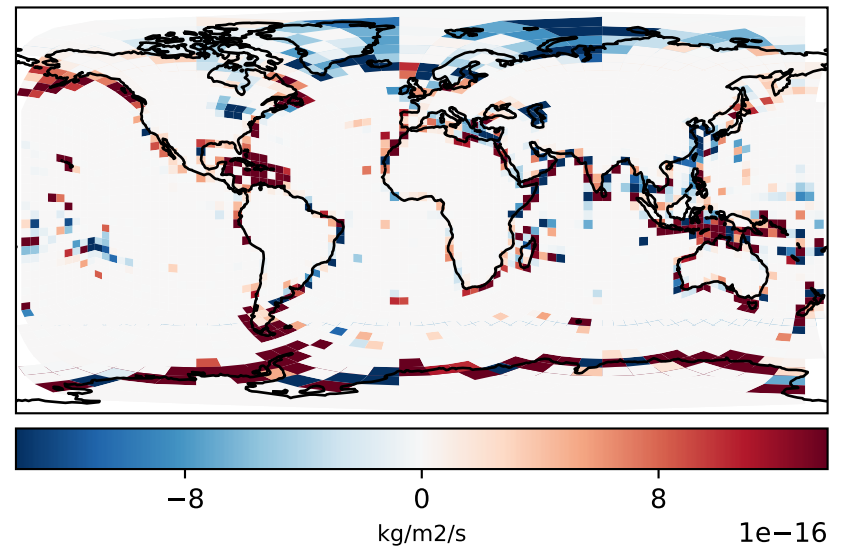
Raw GEOS-FP input, 3-hr winds (Dev)
c24



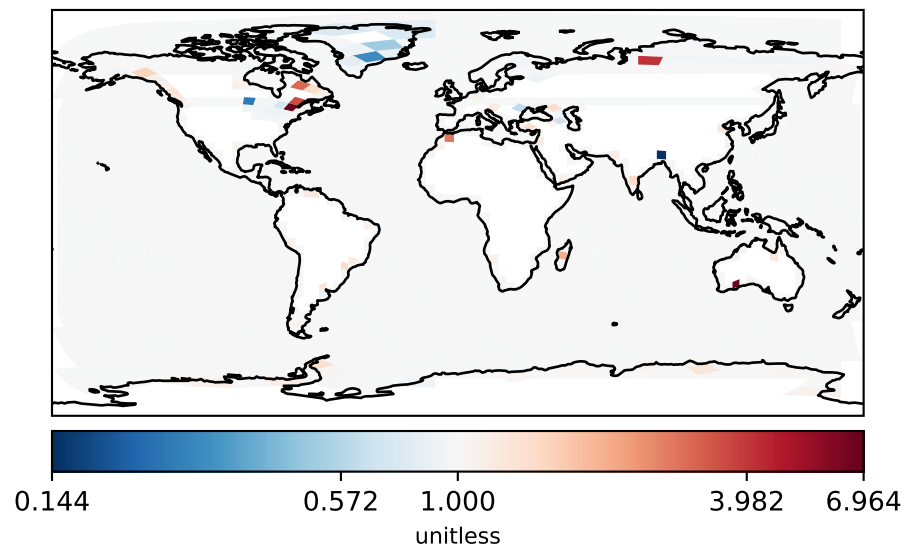
Difference
Dev - Ref, Dynamic Range



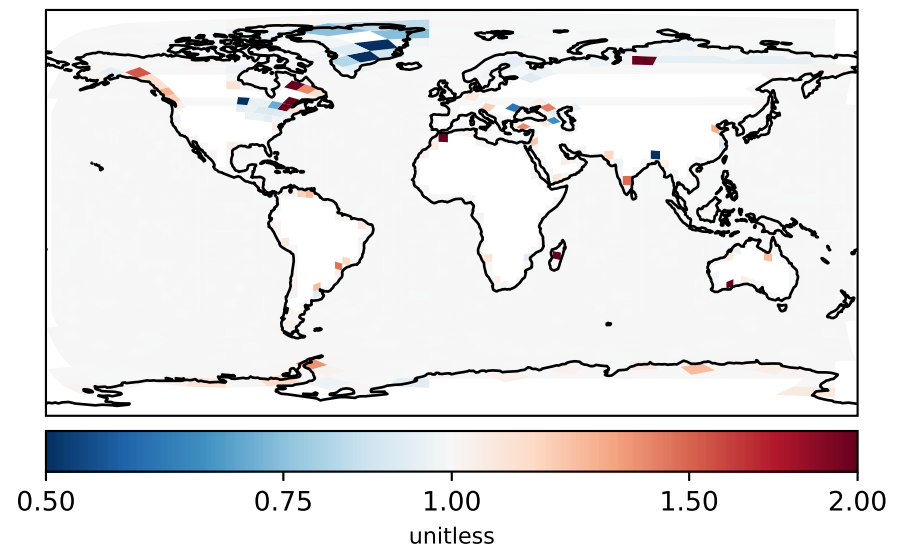
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

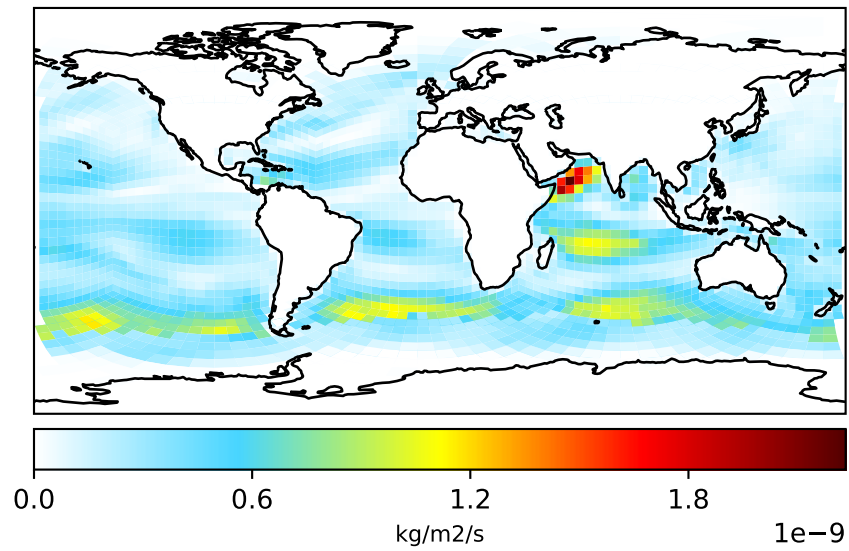


Ratio
Dev/Ref, Fixed Range

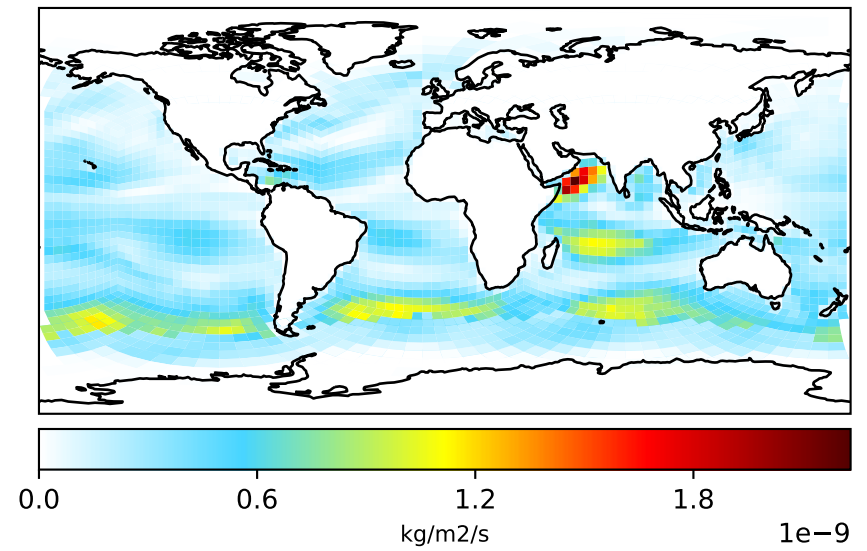


EmisSALC_Natural

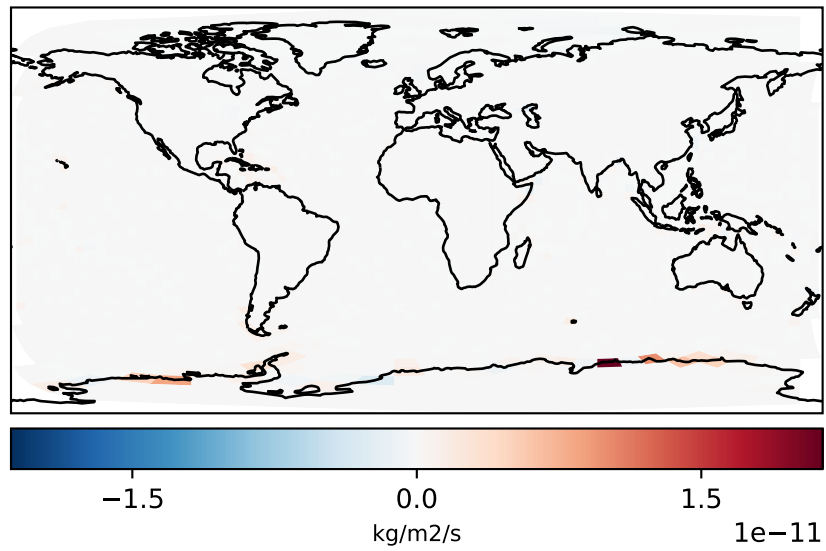
Processed GEOS-FP input, 3-hr winds (Ref)
c24



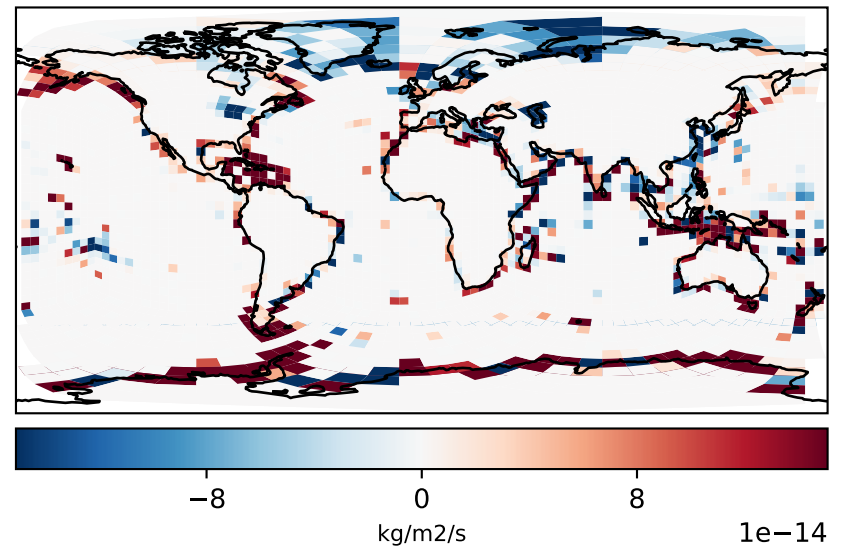
Raw GEOS-FP input, 3-hr winds (Dev)
c24



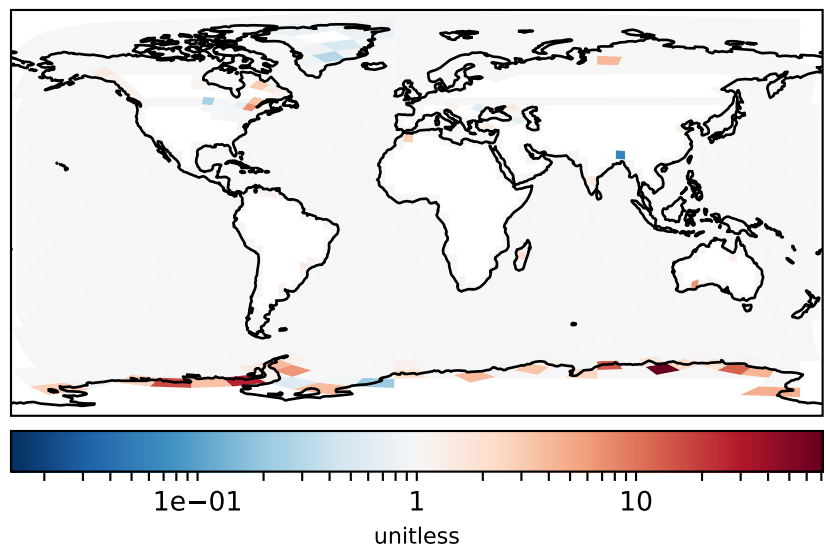
Difference
Dev - Ref, Dynamic Range



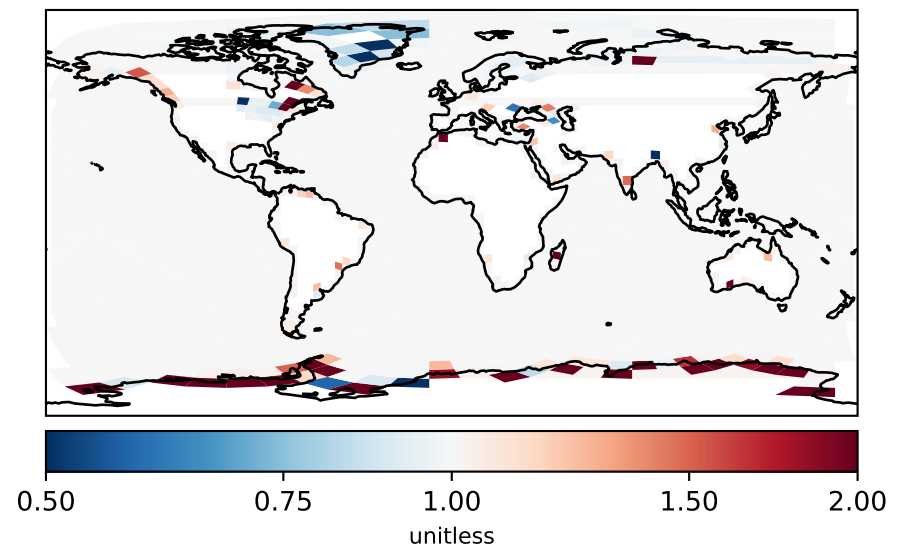
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

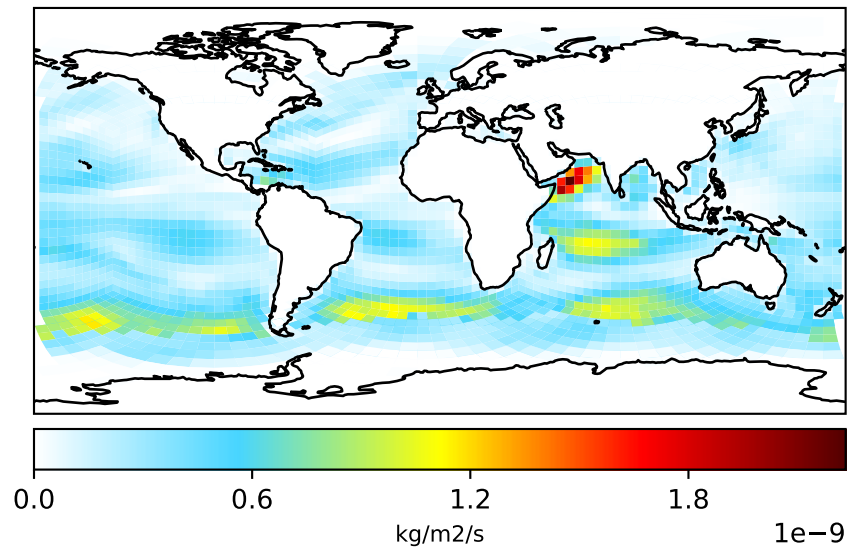


Ratio
Dev/Ref, Fixed Range

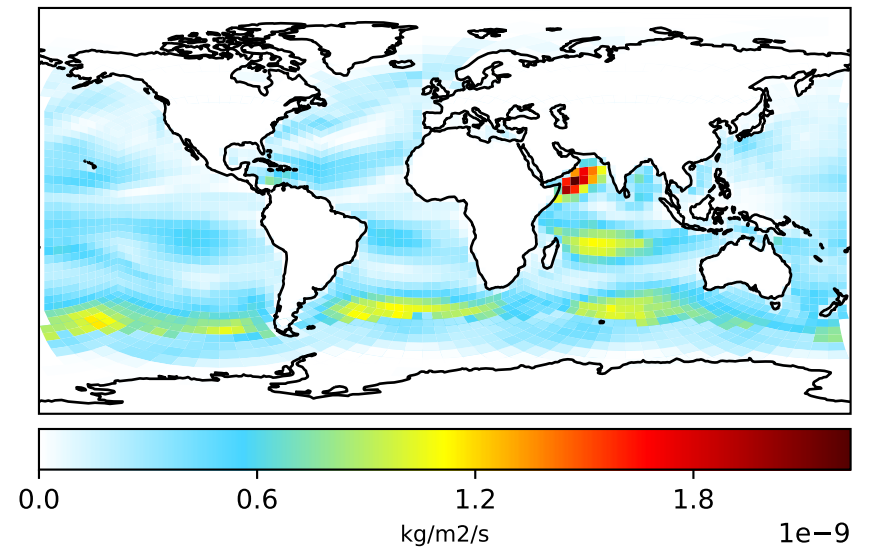


EmisSALCAL_Natural

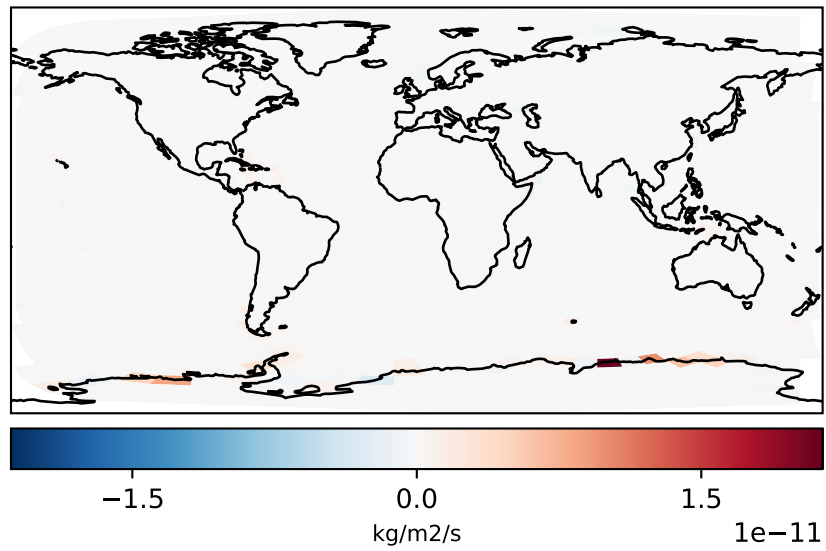
Processed GEOS-FP input, 3-hr winds (Ref)
c24



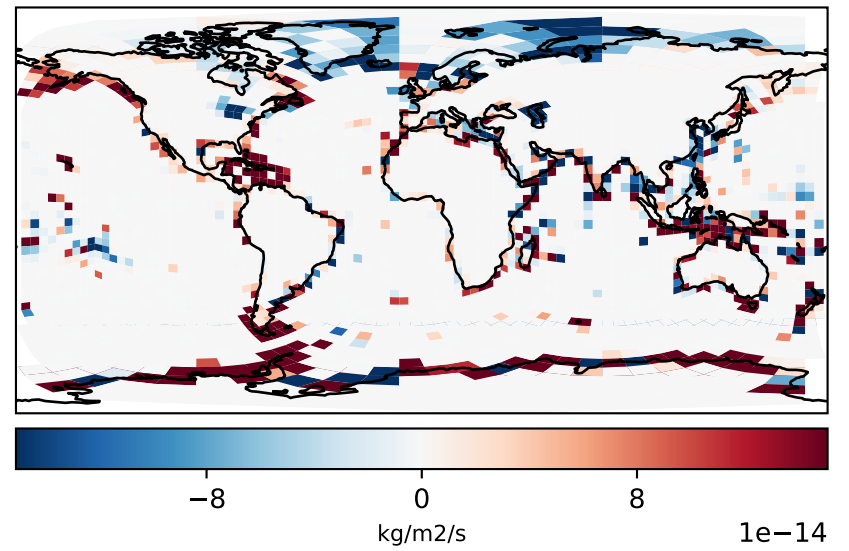
Raw GEOS-FP input, 3-hr winds (Dev)
c24



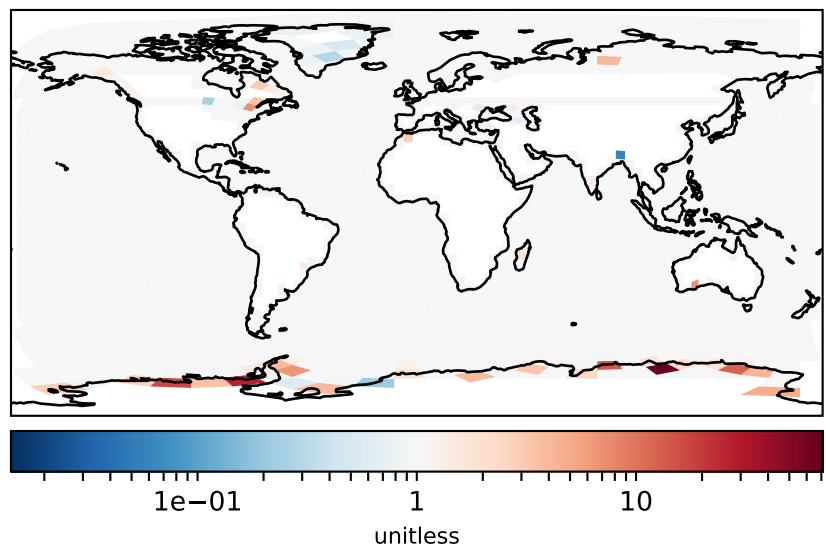
Difference
Dev - Ref, Dynamic Range



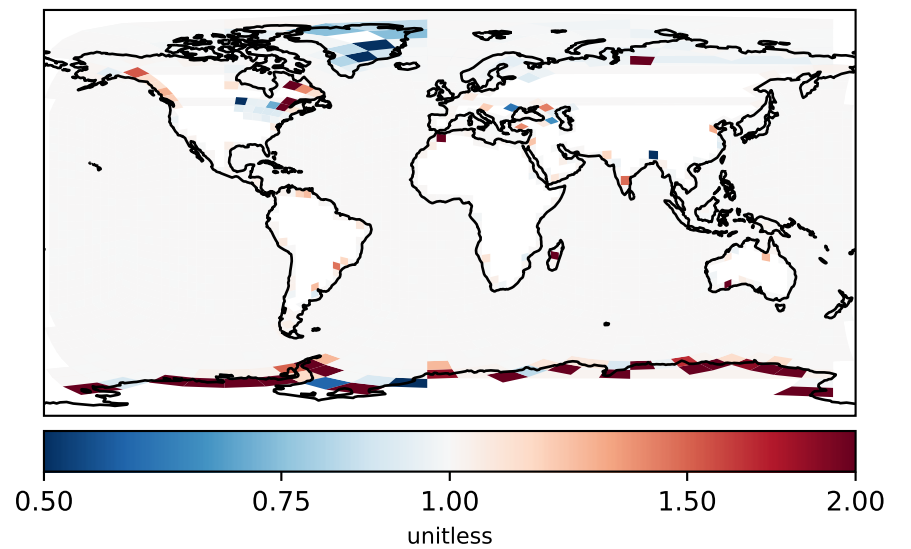
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

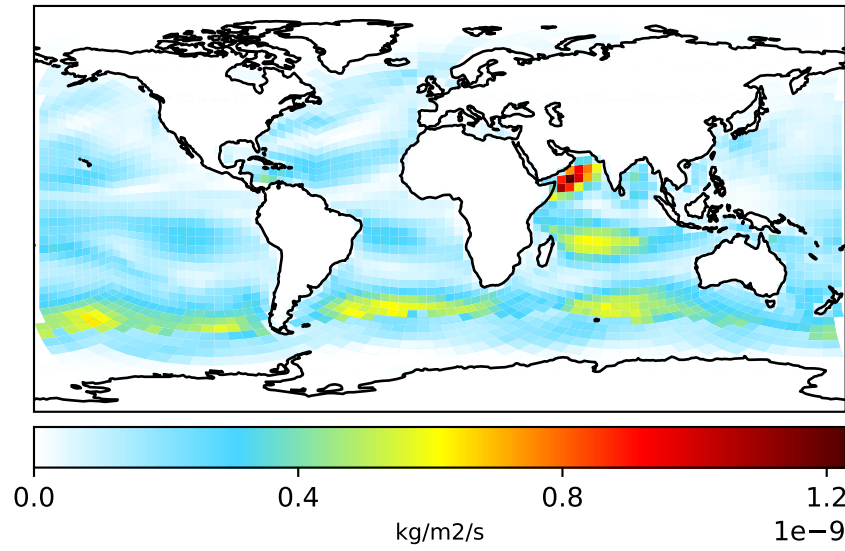


Ratio
Dev/Ref, Fixed Range

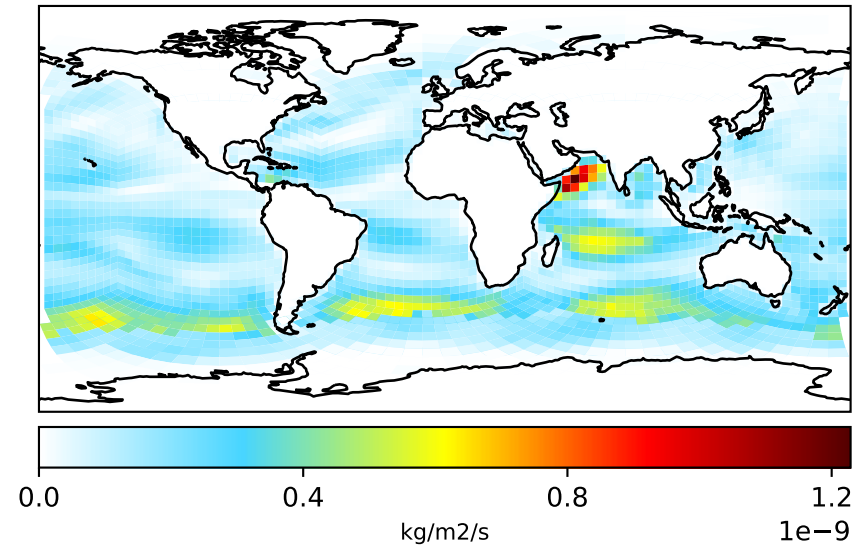


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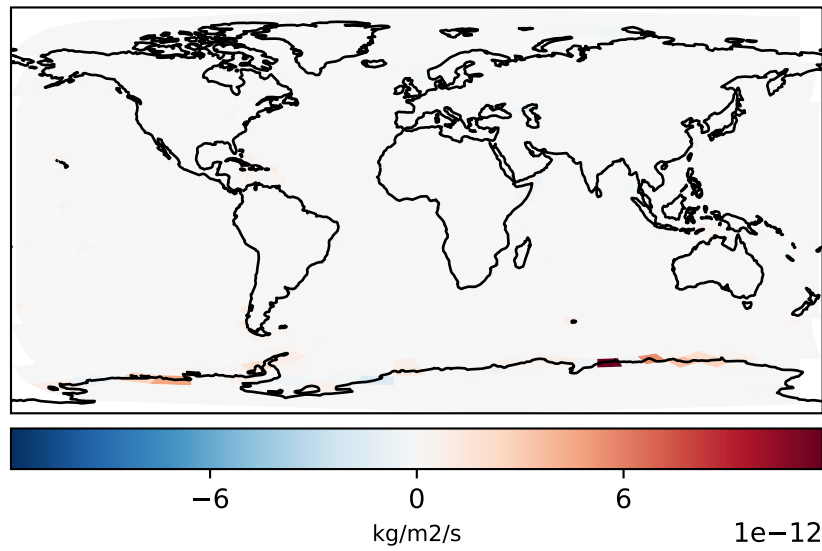
Processed GEOS-FP input, 3-hr winds (Ref)
c24



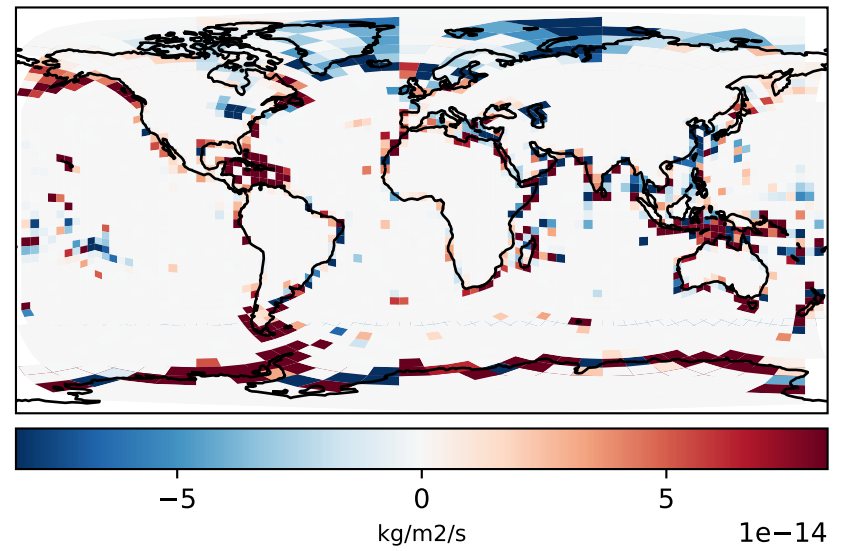
Raw GEOS-FP input, 3-hr winds (Dev)
c24



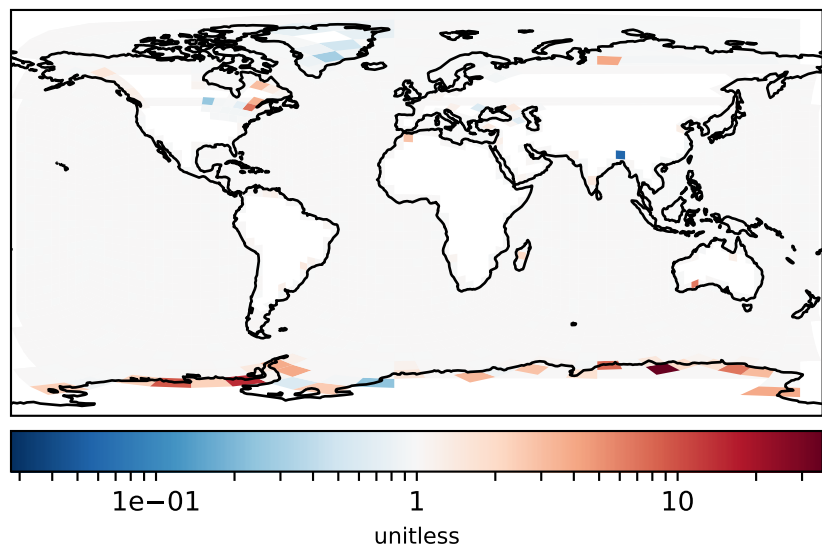
Difference
Dev - Ref, Dynamic Range



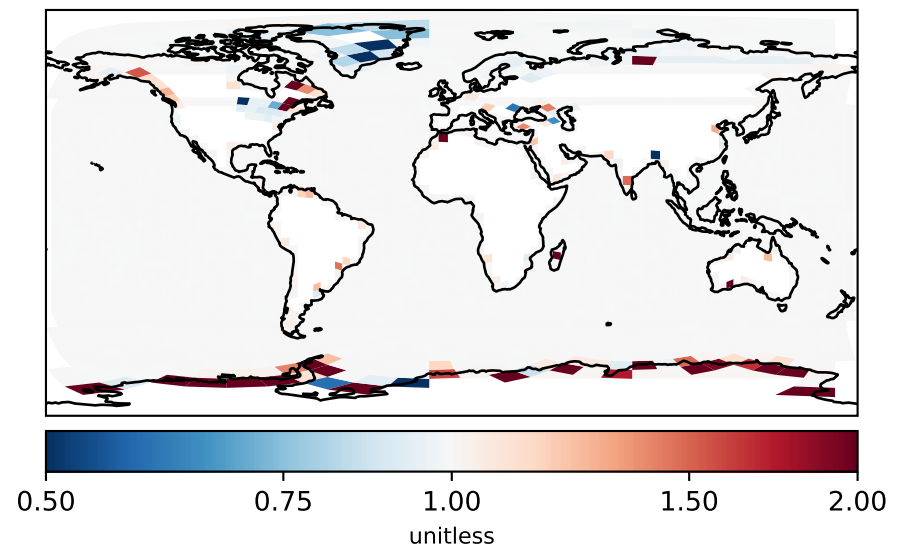
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

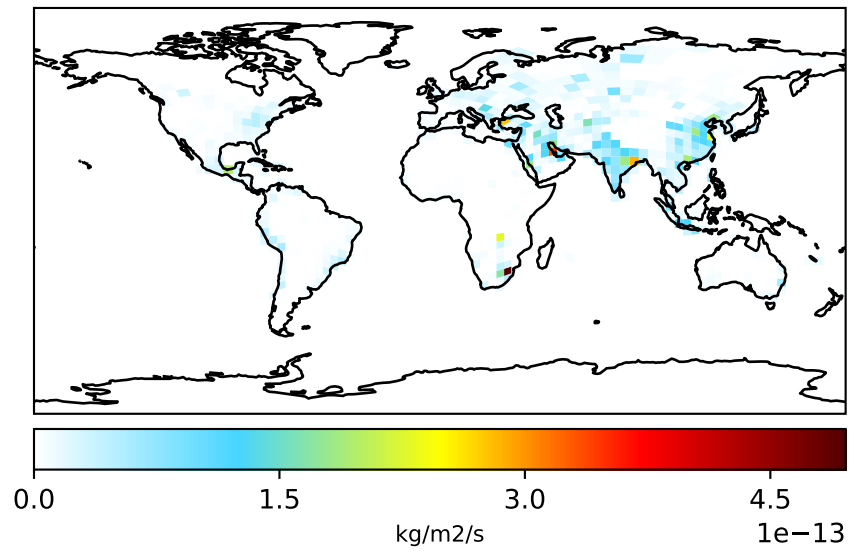


Ratio
Dev/Ref, Fixed Range

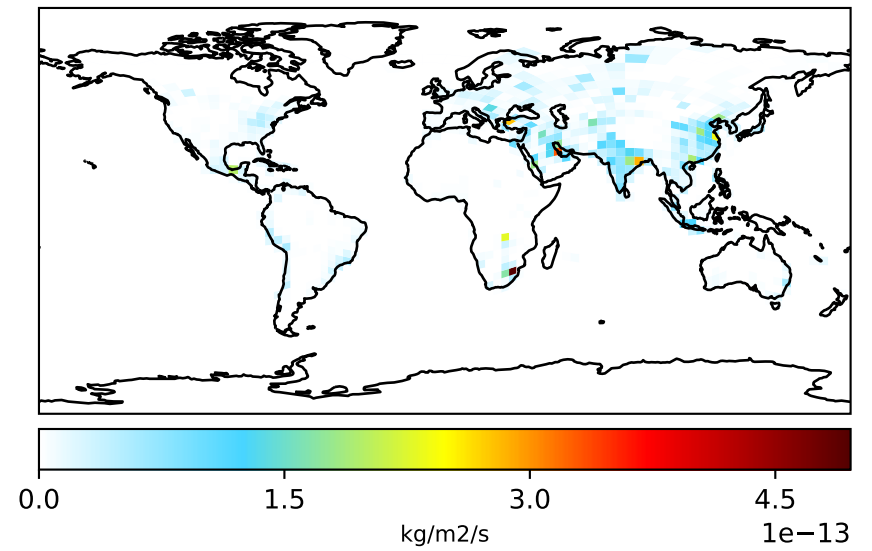


EmispFe_Anthro

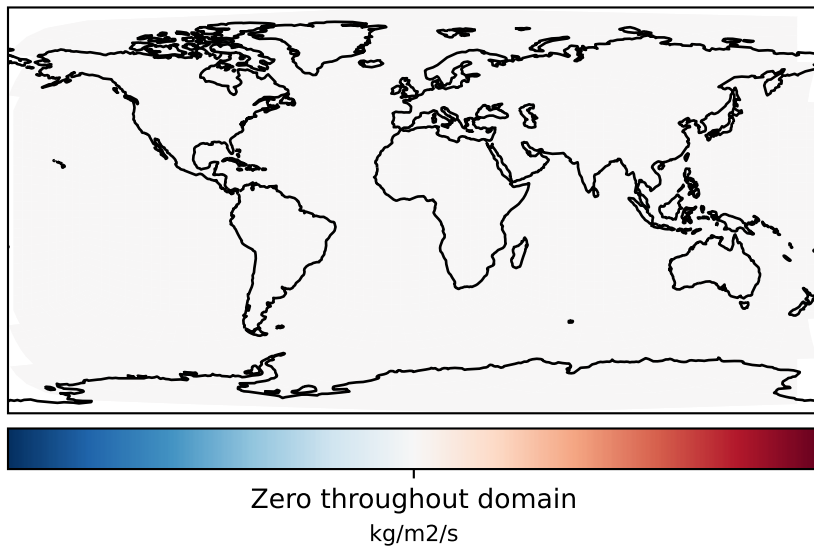
Processed GEOS-FP input, 3-hr winds (Ref)
c24



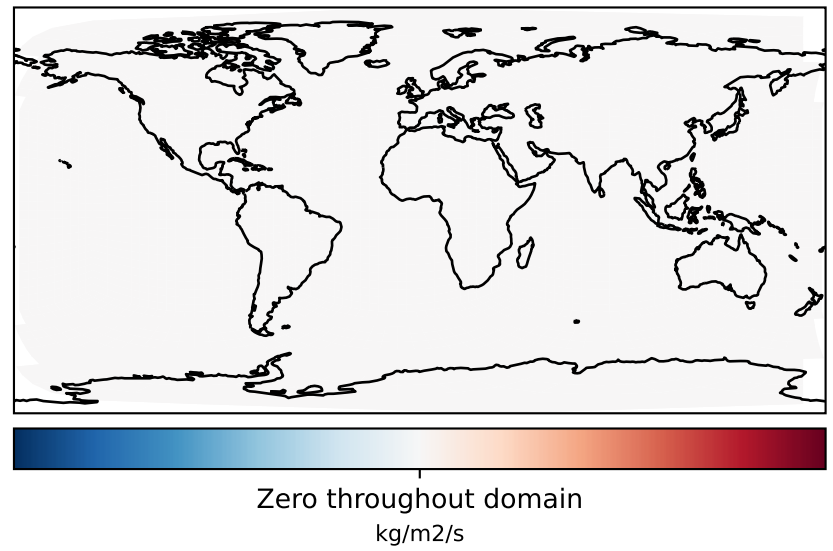
Raw GEOS-FP input, 3-hr winds (Dev)
c24



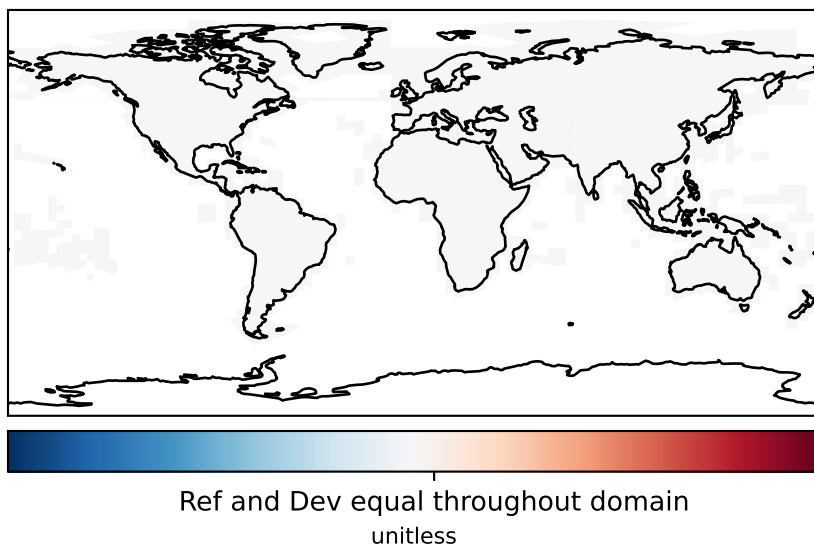
Difference
Dev - Ref, Dynamic Range



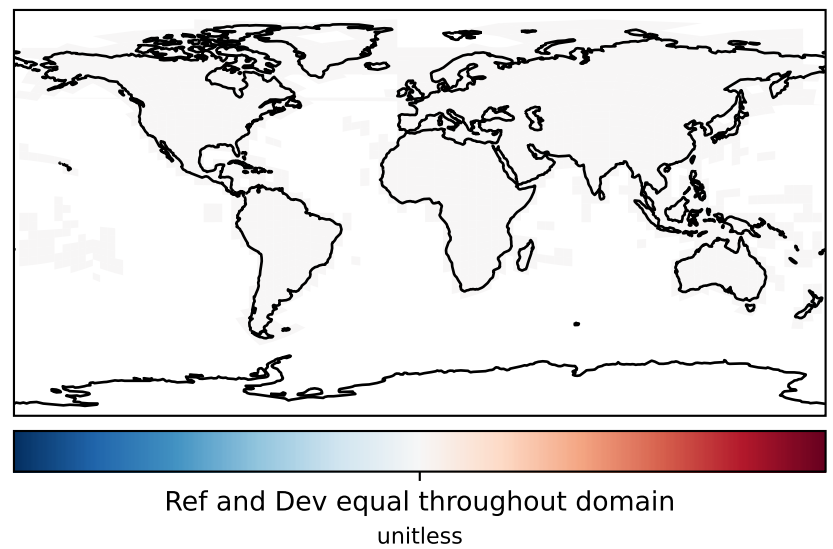
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

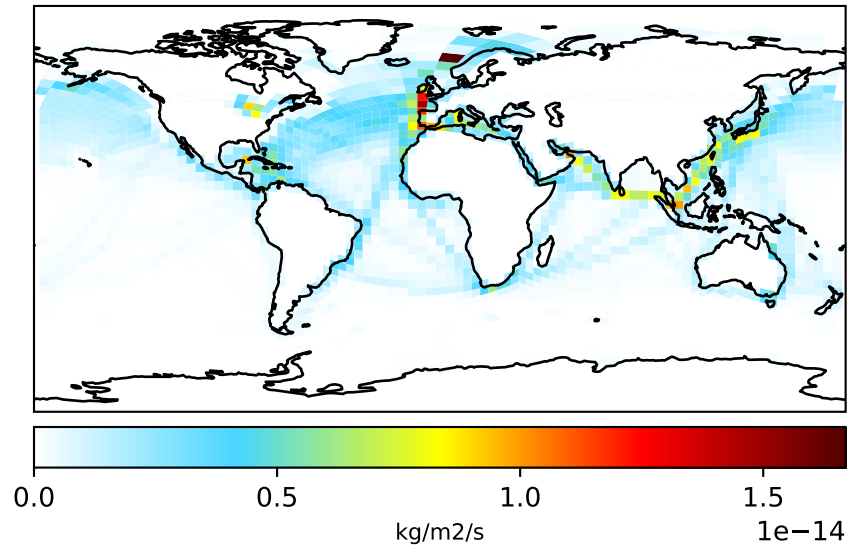


Ratio
Dev/Ref, Fixed Range

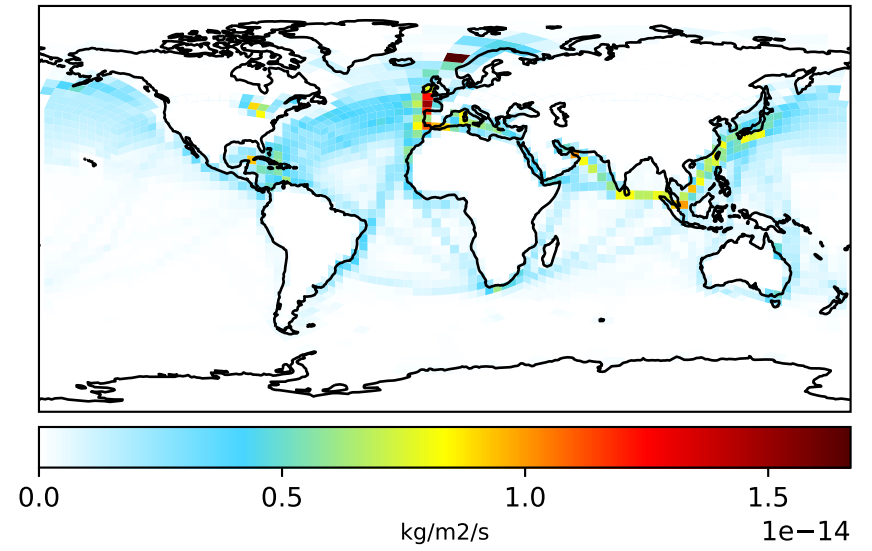


EmispFe_Ship

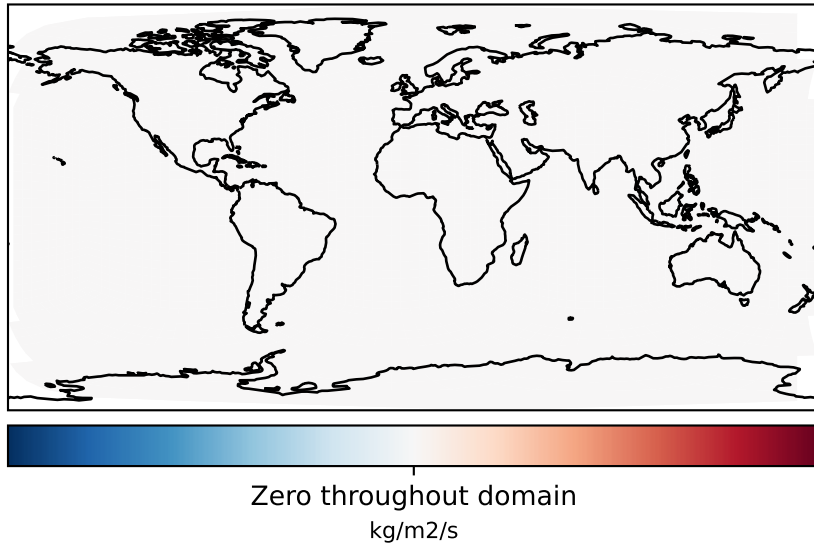
Processed GEOS-FP input, 3-hr winds (Ref)
c24



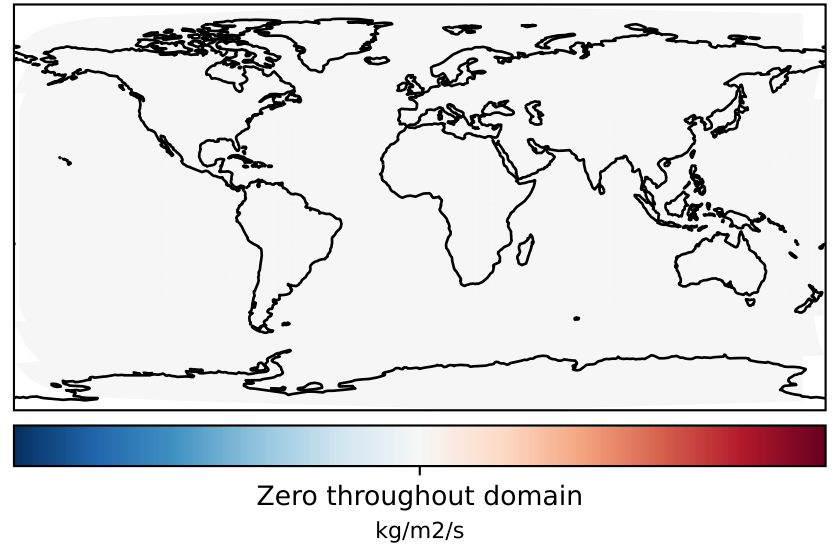
Raw GEOS-FP input, 3-hr winds (Dev)
c24



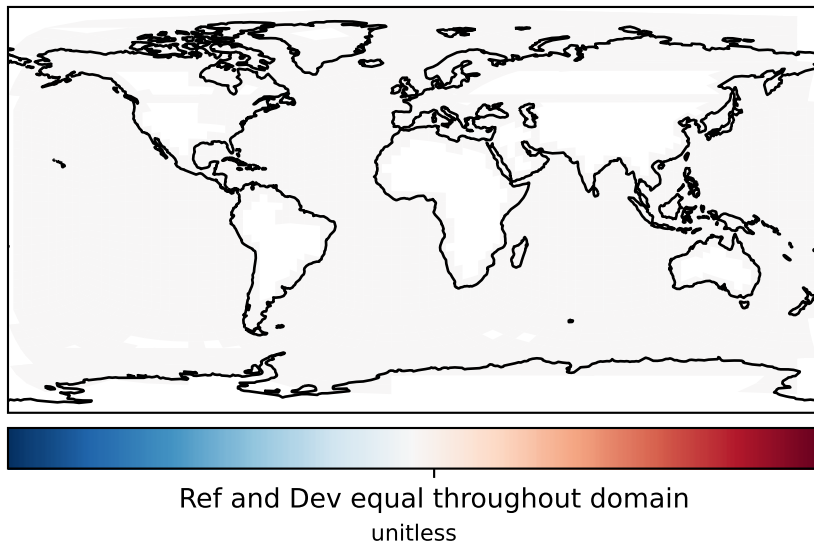
Difference
Dev - Ref, Dynamic Range



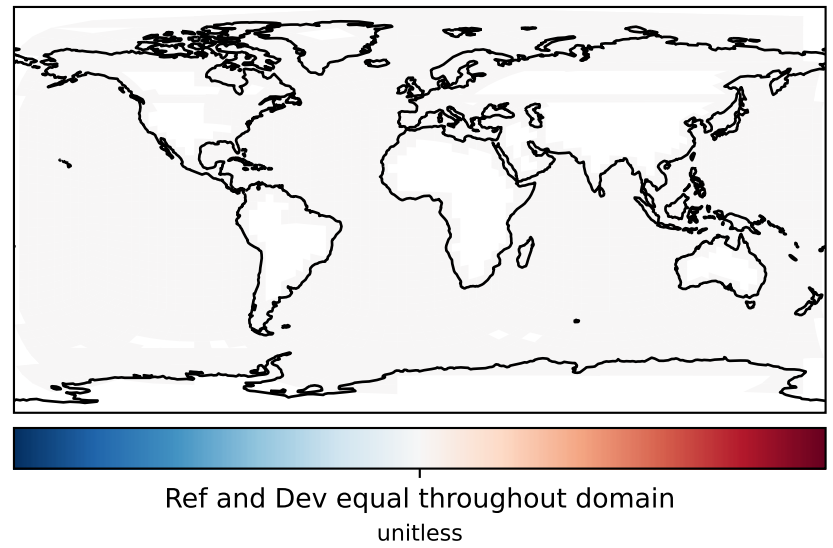
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

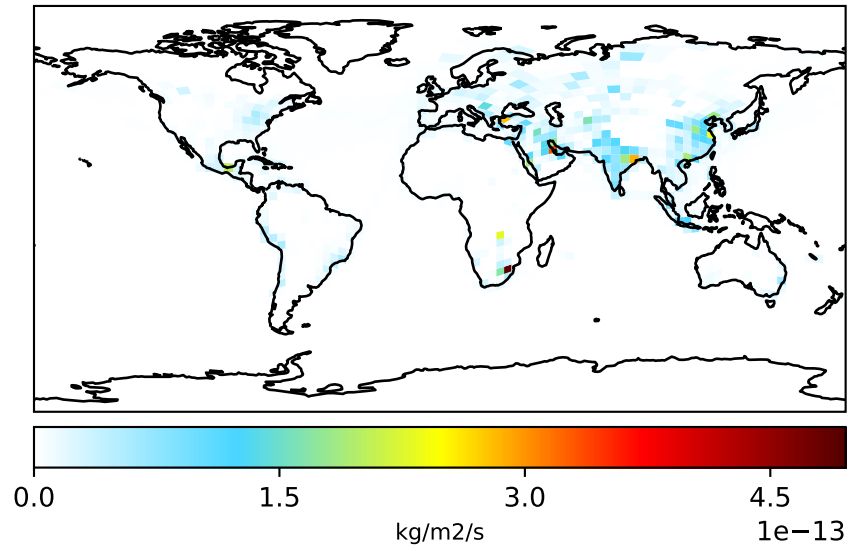


Ratio
Dev/Ref, Fixed Range

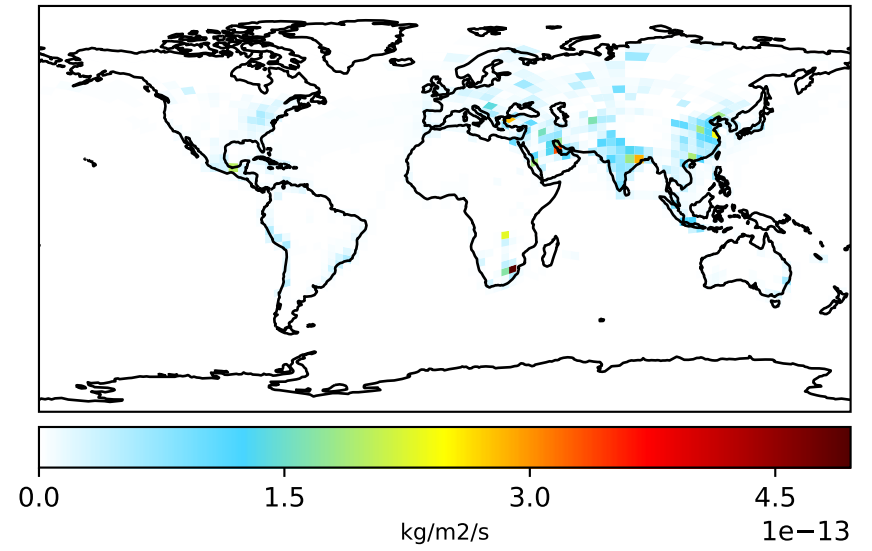


EmispFe_Total

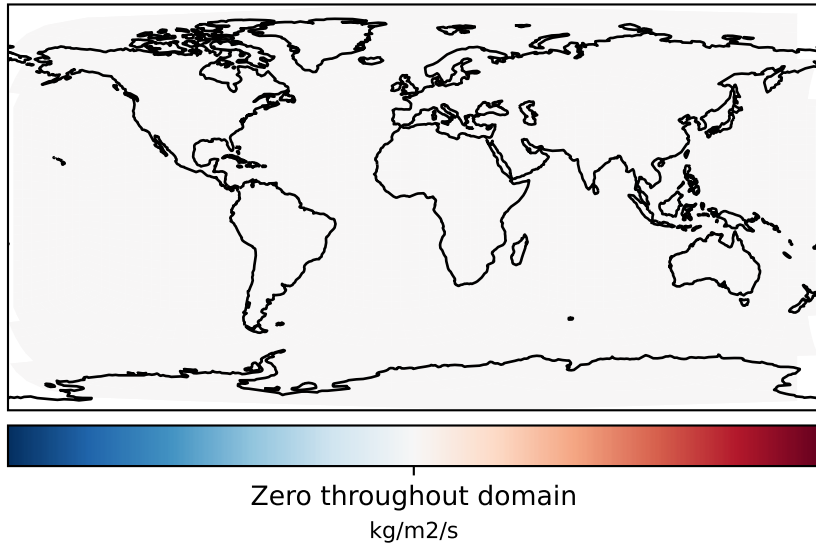
Processed GEOS-FP input, 3-hr winds (Ref)
c24



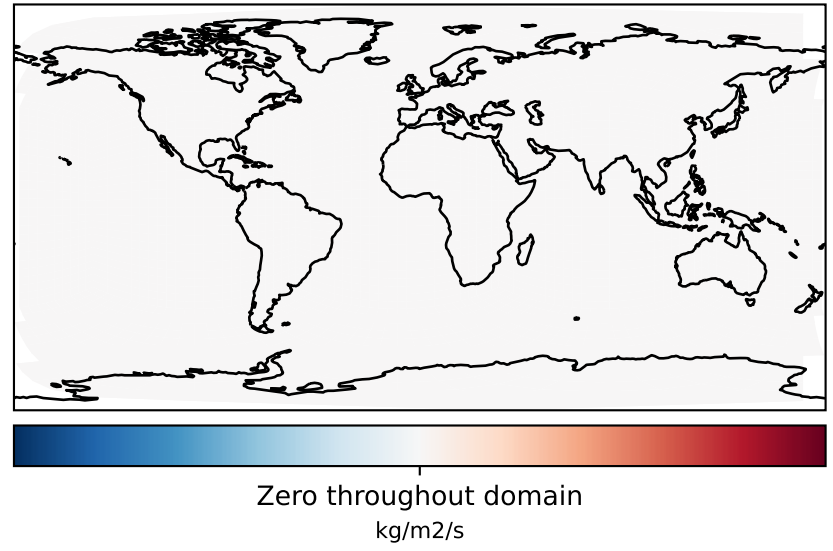
Raw GEOS-FP input, 3-hr winds (Dev)
c24



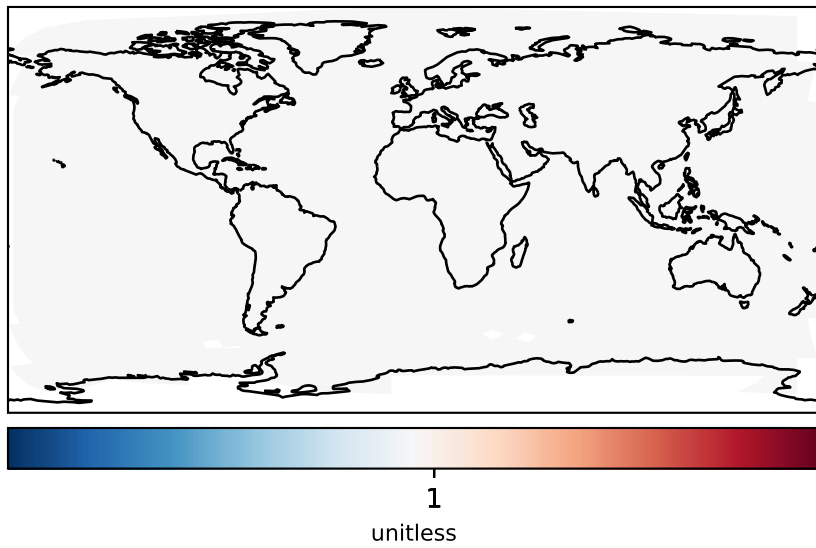
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

