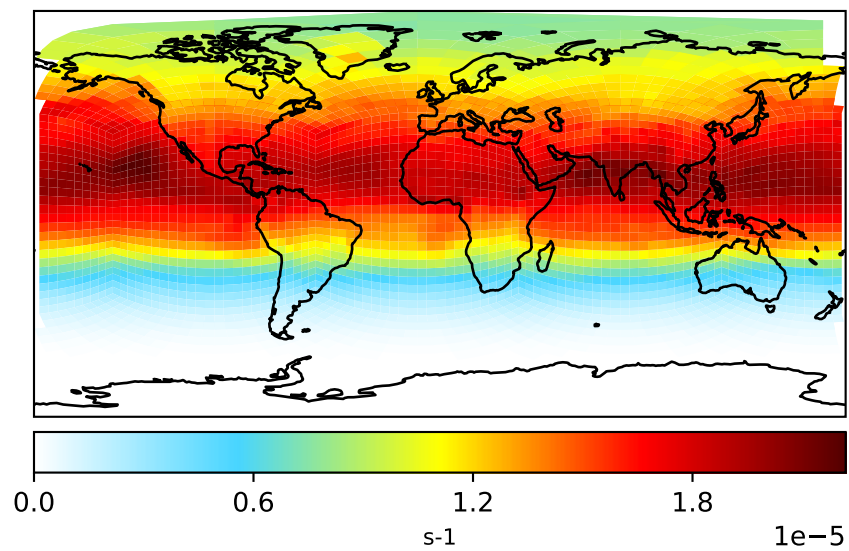
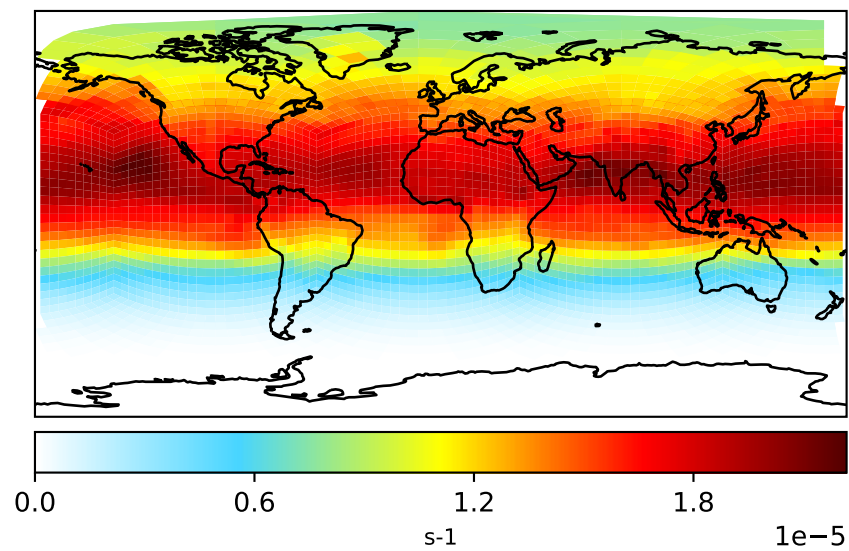


Jval0301D

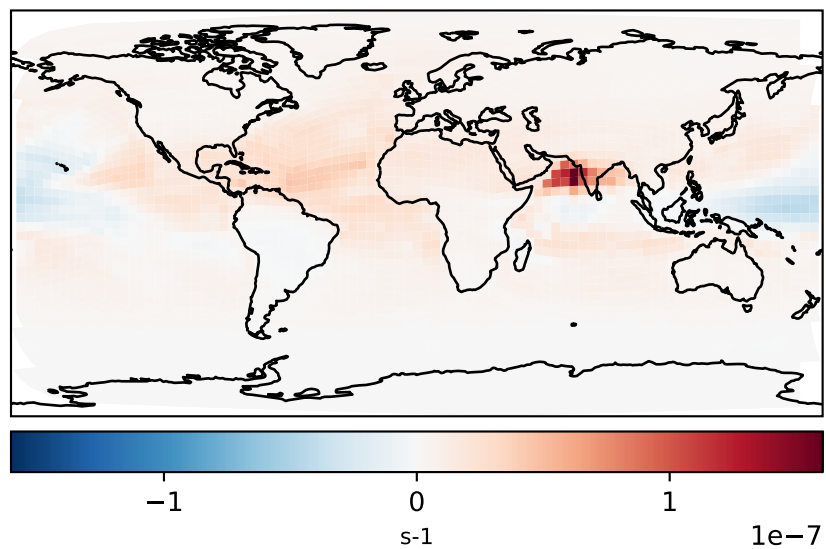
Processed GEOS-FP input, 3-hr winds (Ref)
c24



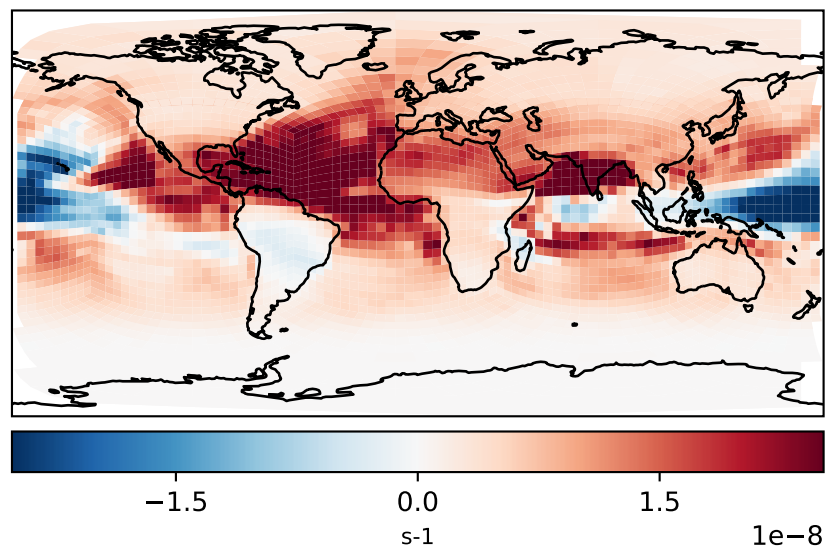
Raw GEOS-FP input, 3-hr winds (Dev)
c24



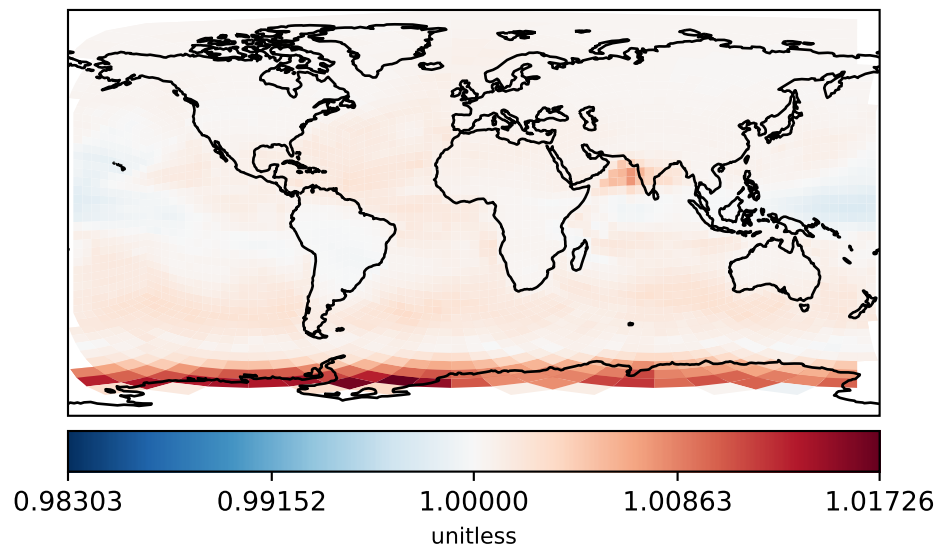
Difference
Dev - Ref, Dynamic Range



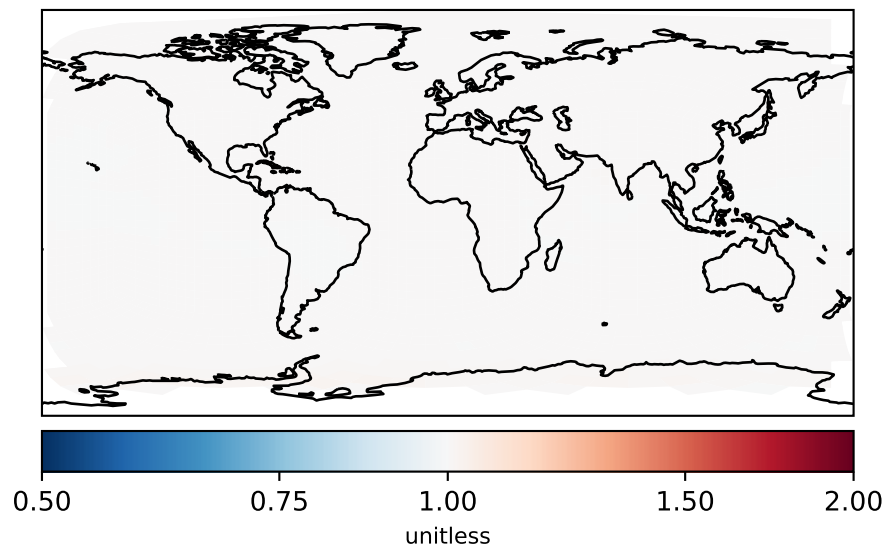
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

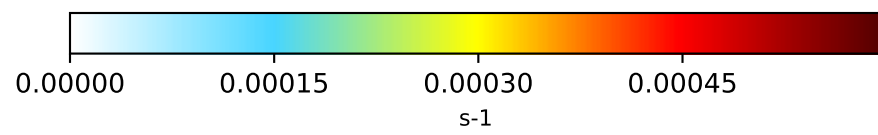
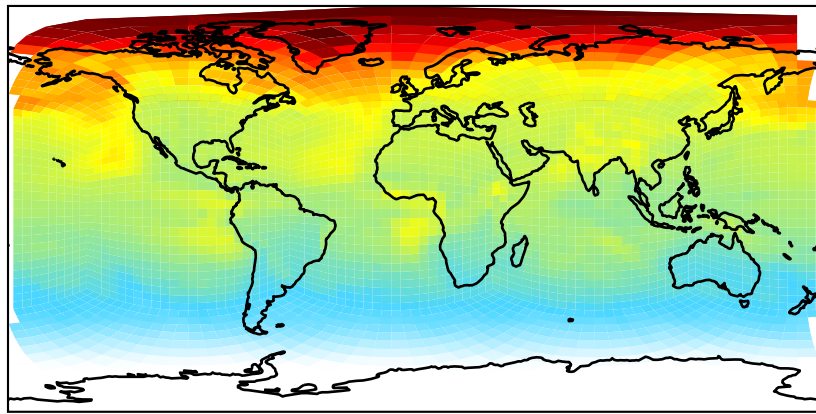


Ratio
Dev/Ref, Fixed Range

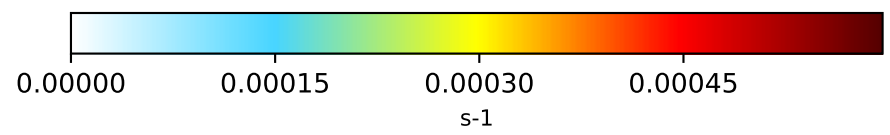
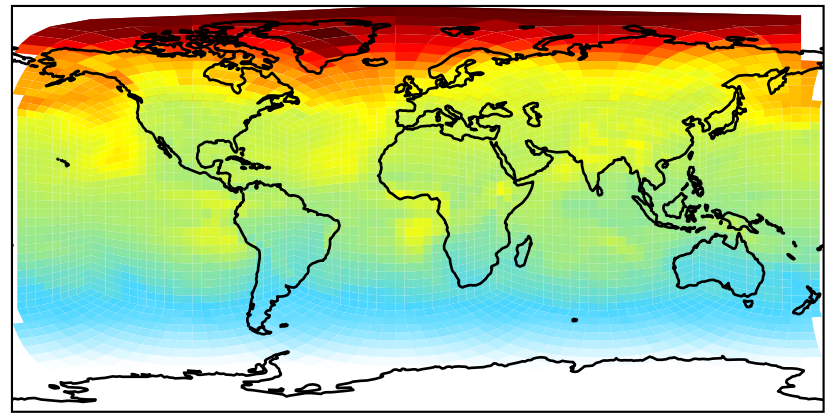


Jval0303P

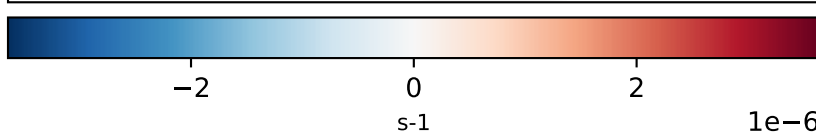
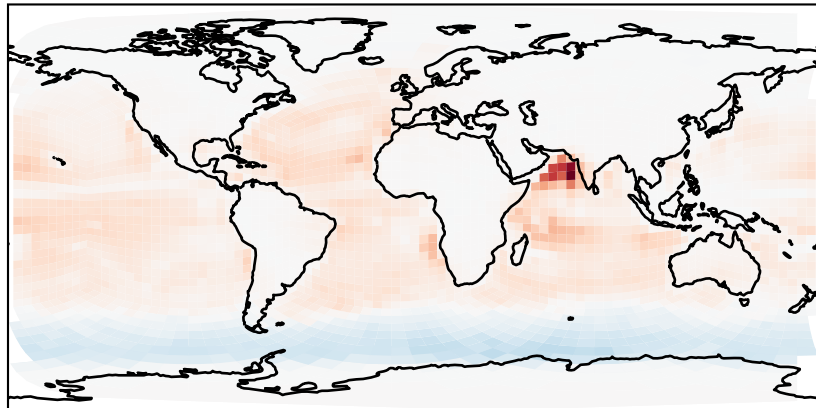
Processed GEOS-FP input, 3-hr winds (Ref)
c24



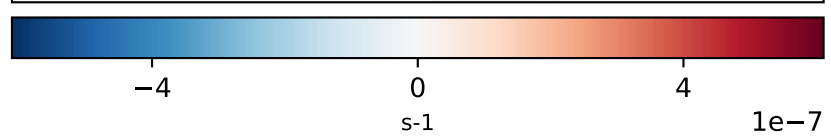
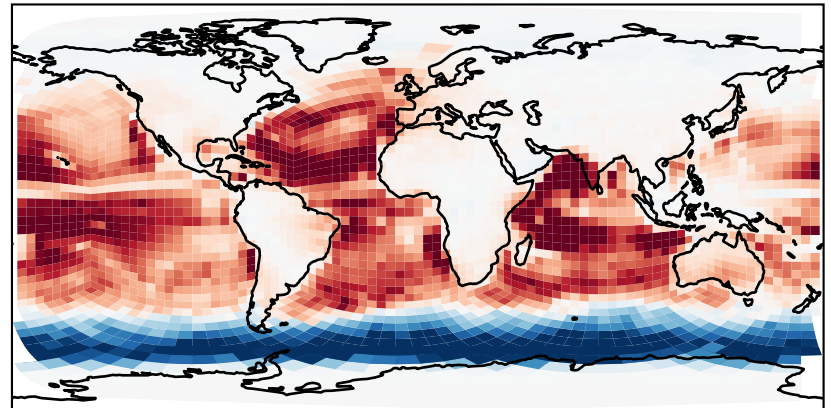
Raw GEOS-FP input, 3-hr winds (Dev)
c24



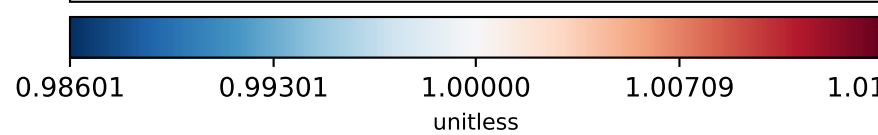
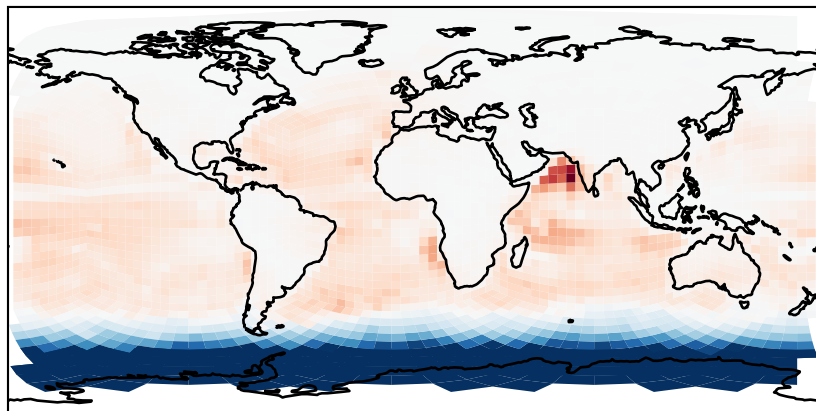
Difference
Dev - Ref, Dynamic Range



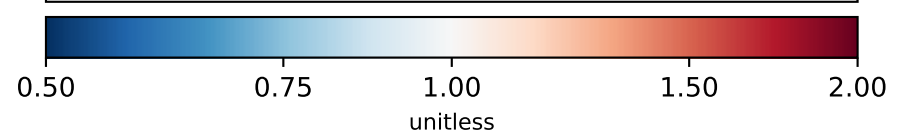
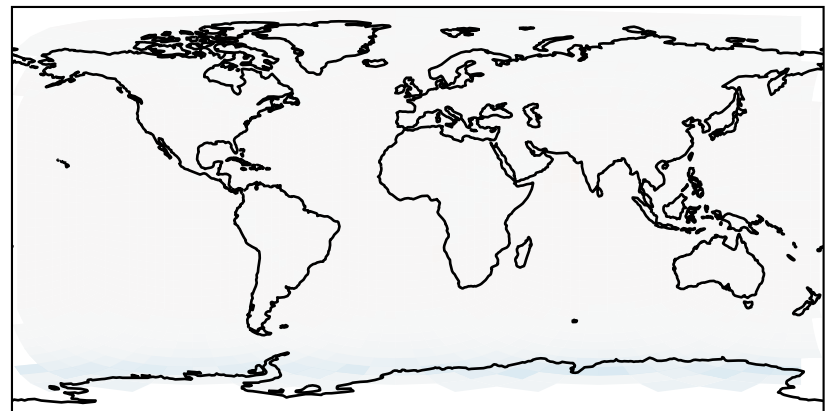
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

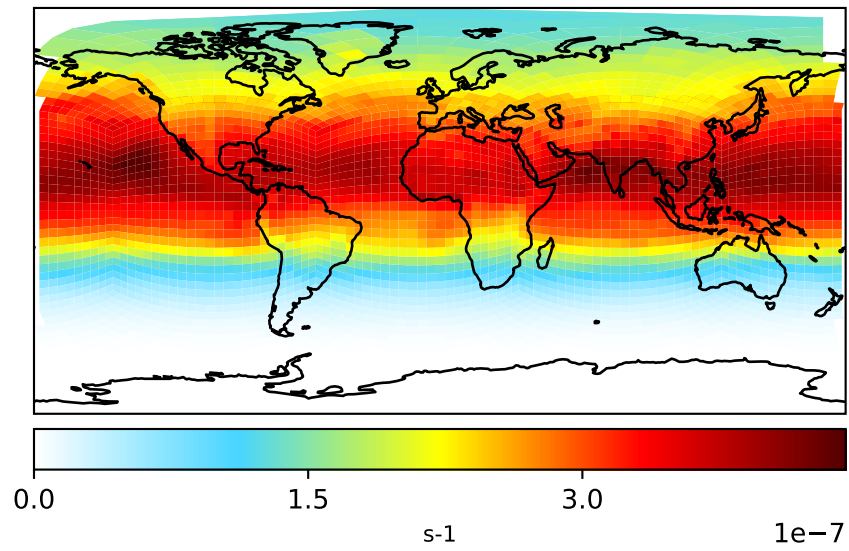


Ratio
Dev/Ref, Fixed Range

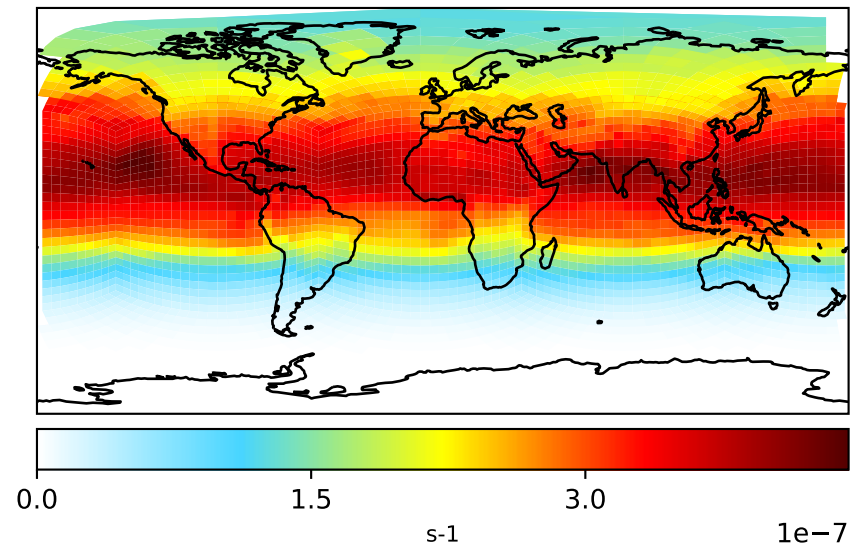


Jval_ACET

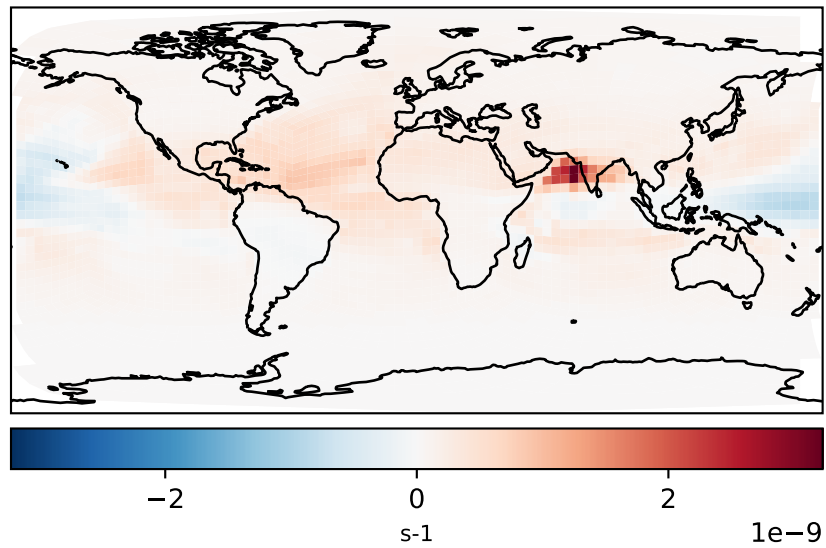
Processed GEOS-FP input, 3-hr winds (Ref)
c24



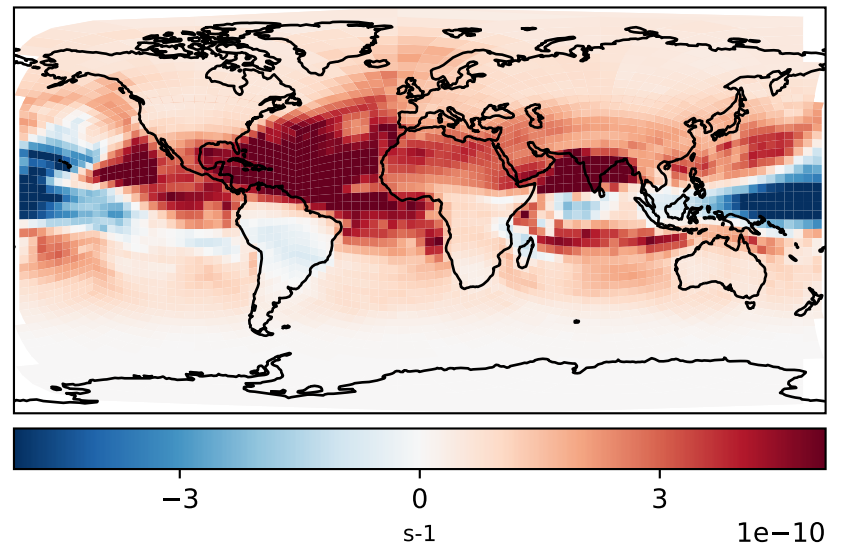
Raw GEOS-FP input, 3-hr winds (Dev)
c24



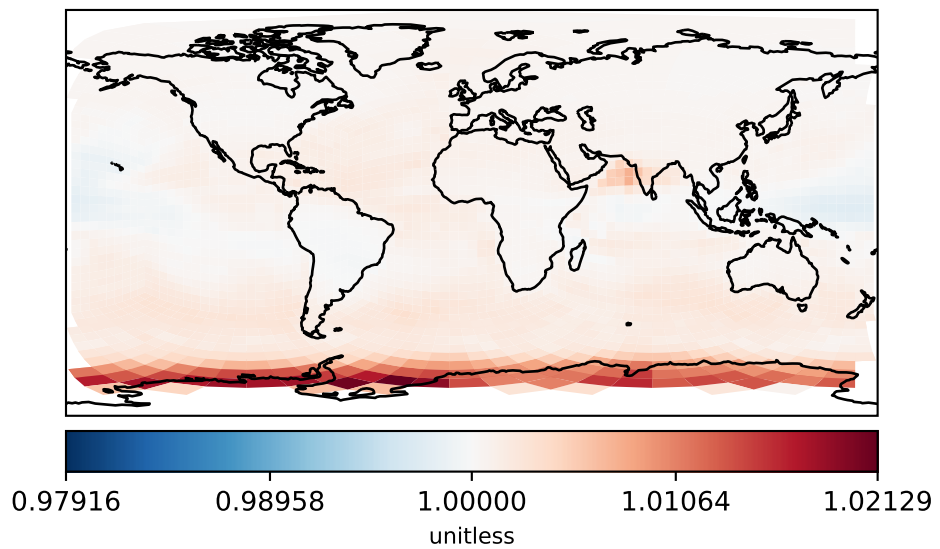
Difference
Dev - Ref, Dynamic Range



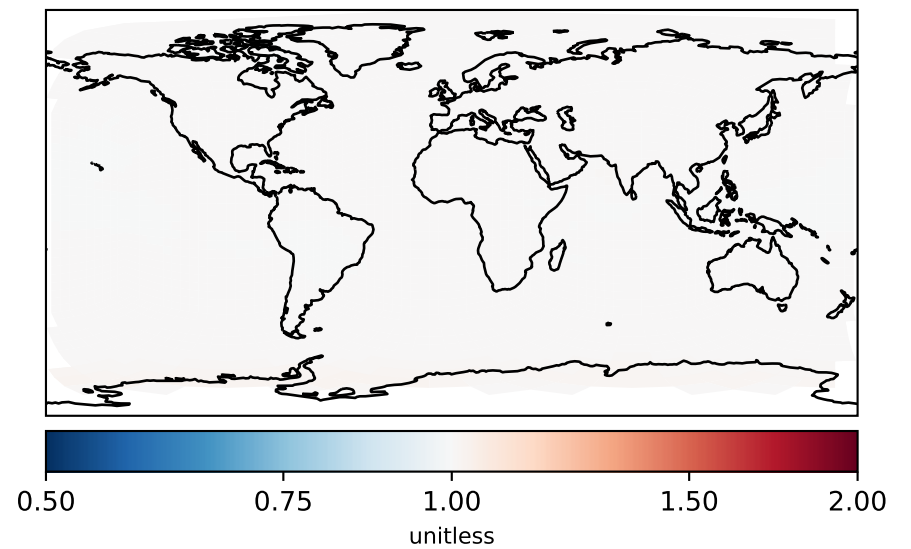
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

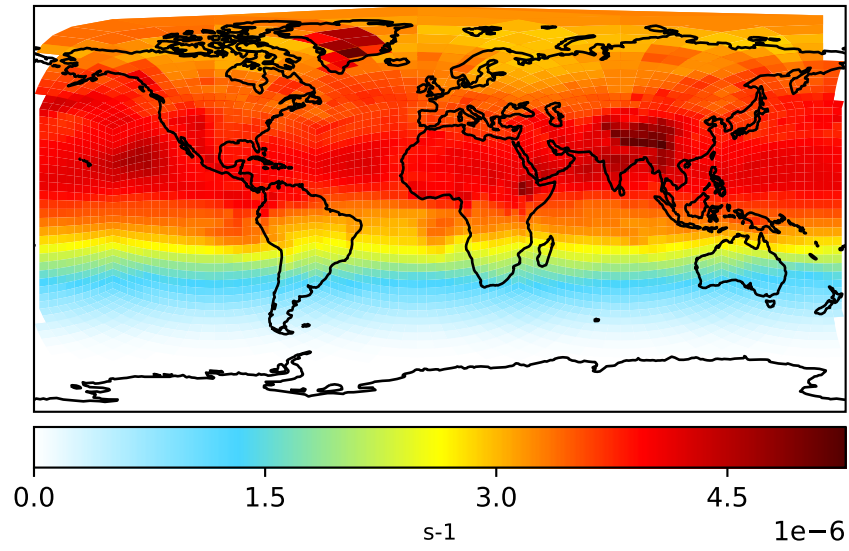


Ratio
Dev/Ref, Fixed Range

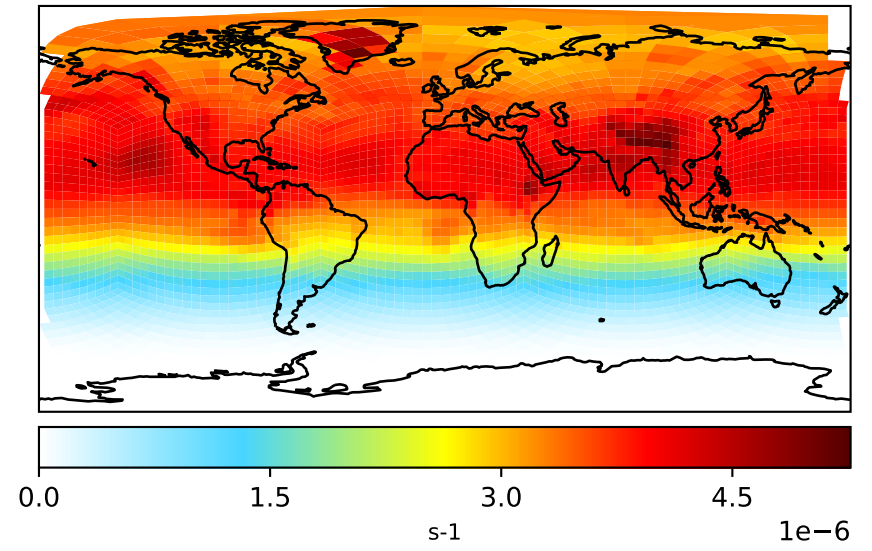


Jval_ALD2

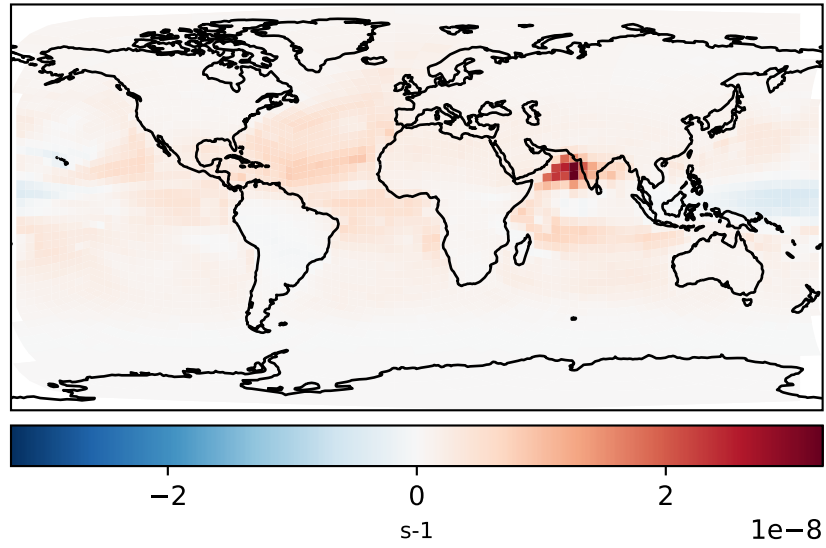
Processed GEOS-FP input, 3-hr winds (Ref)
c24



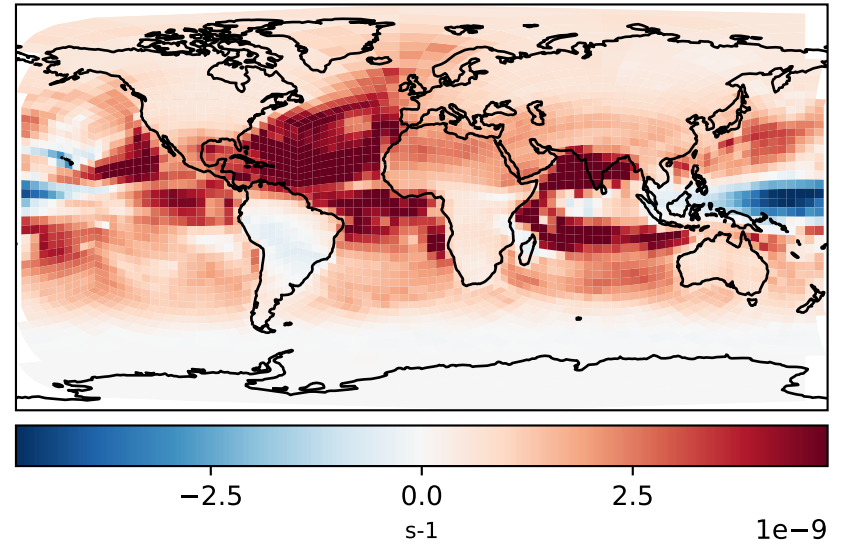
Raw GEOS-FP input, 3-hr winds (Dev)
c24



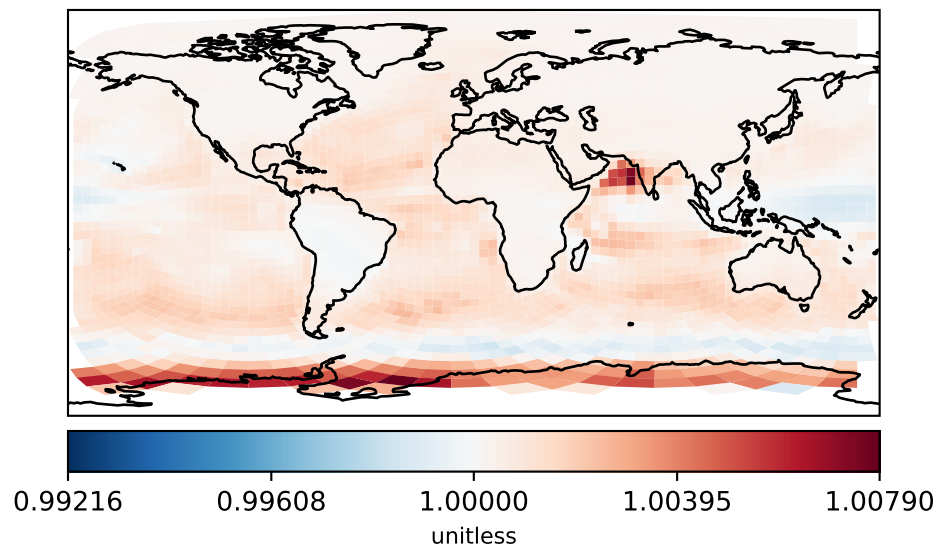
Difference
Dev - Ref, Dynamic Range



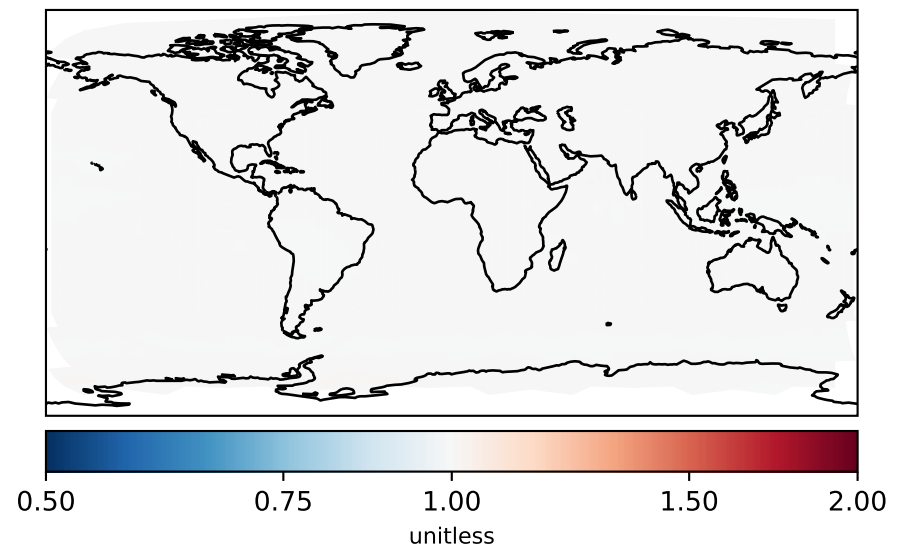
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

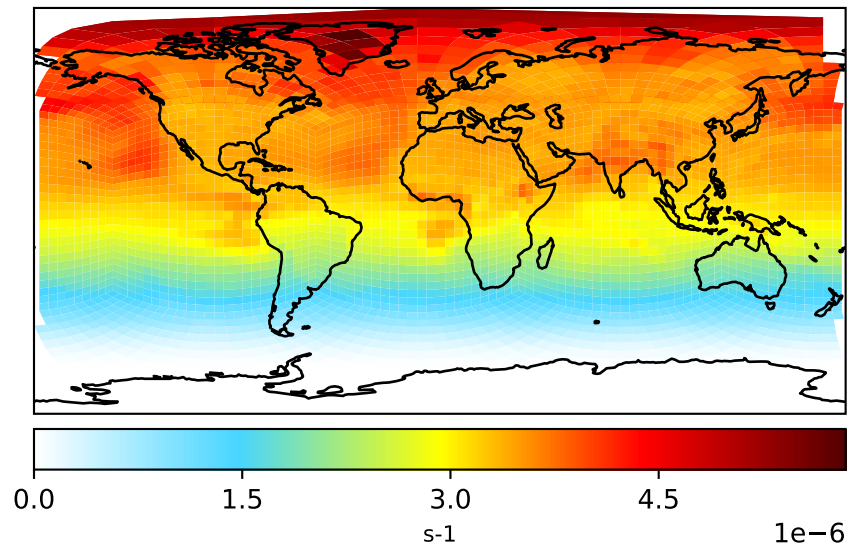


Ratio
Dev/Ref, Fixed Range

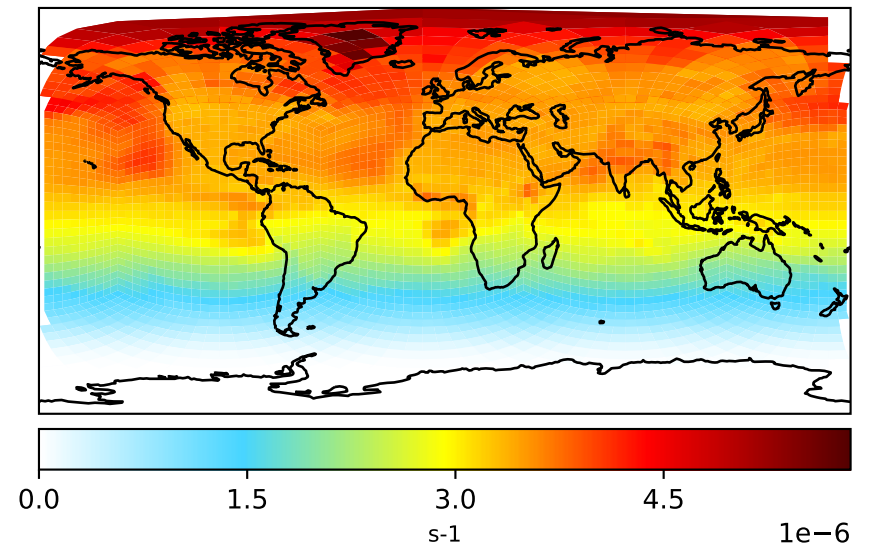


Jval_ATOOH

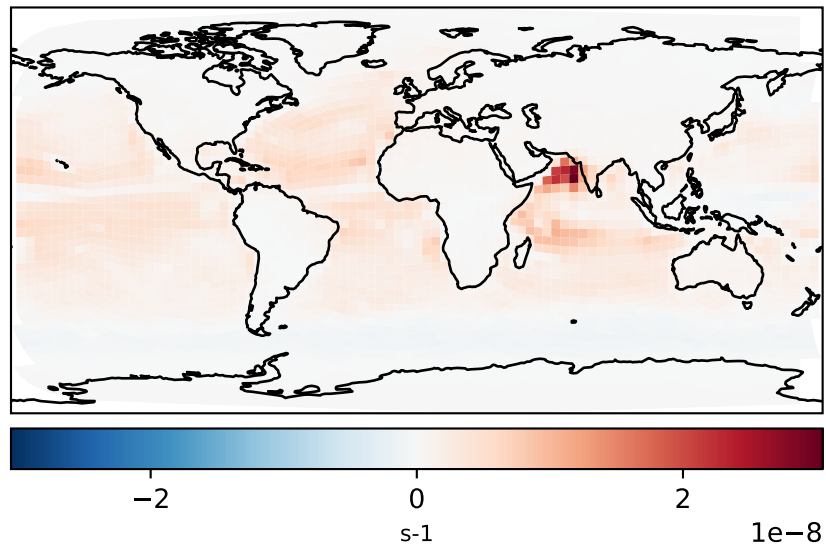
Processed GEOS-FP input, 3-hr winds (Ref)
c24



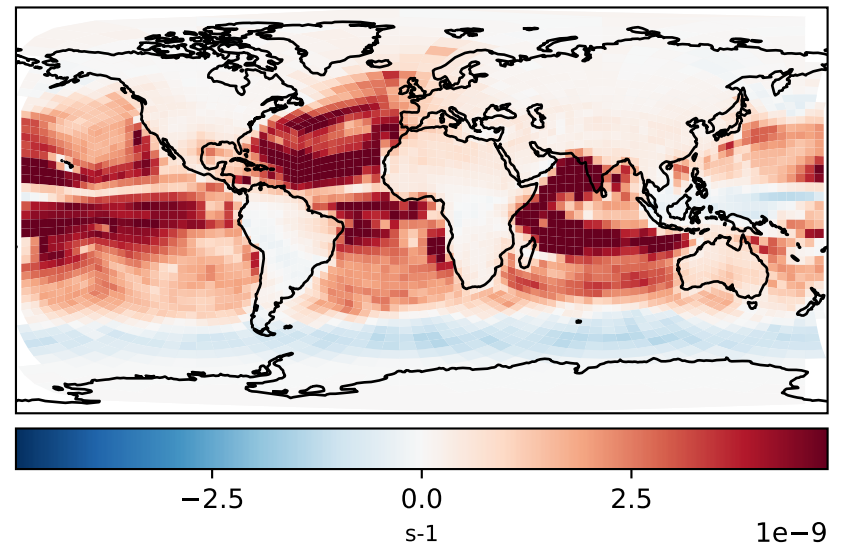
Raw GEOS-FP input, 3-hr winds (Dev)
c24



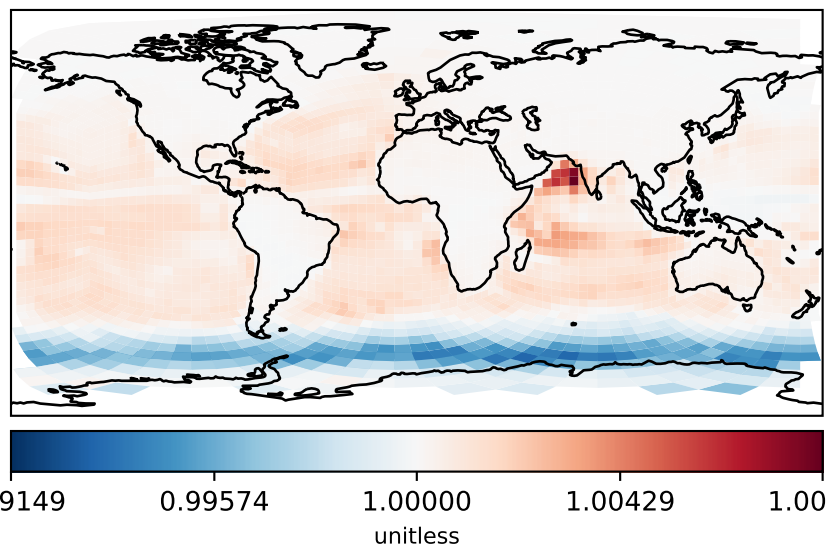
Difference
Dev - Ref, Dynamic Range



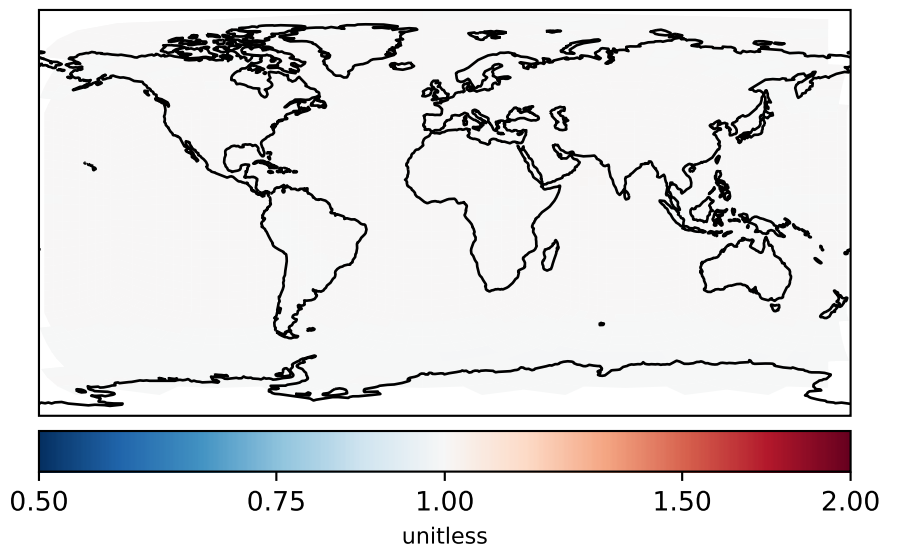
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

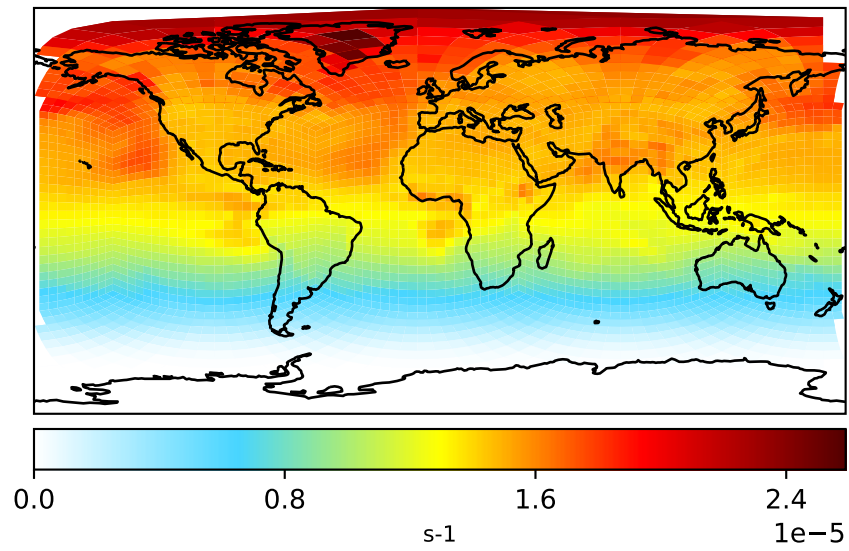


Ratio
Dev/Ref, Fixed Range

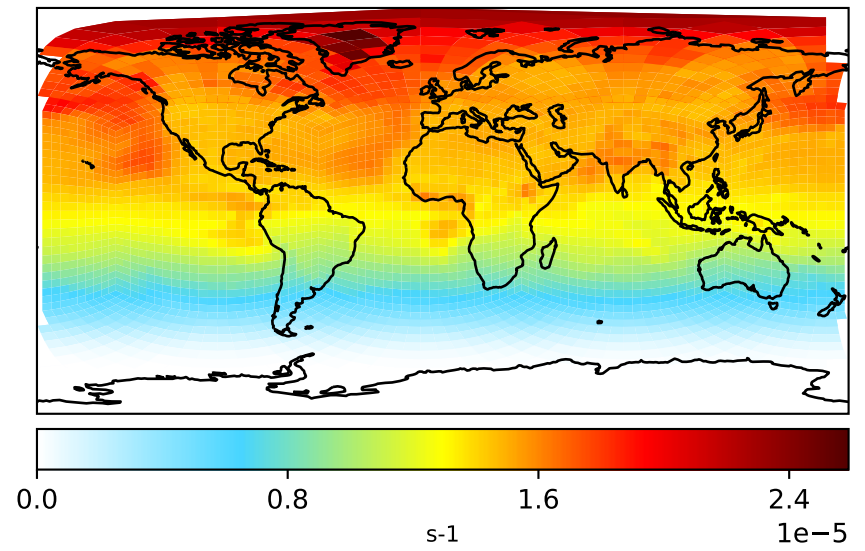


Jval_BALD

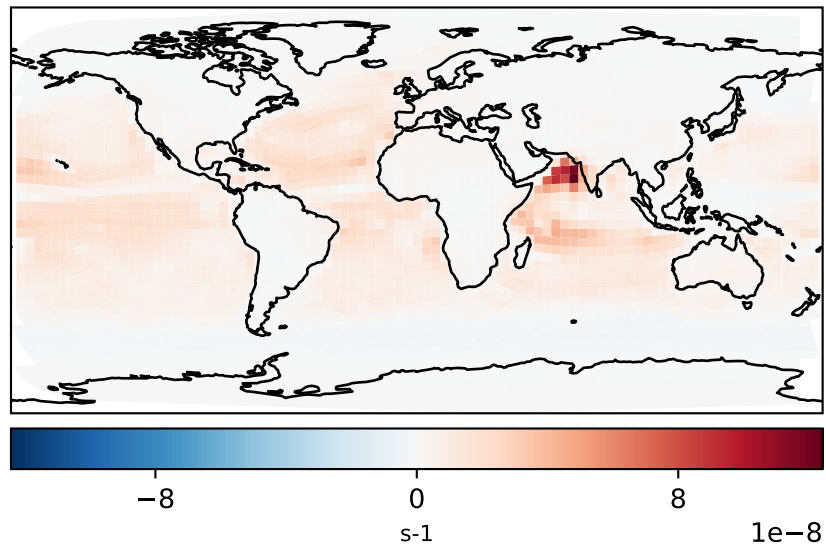
Processed GEOS-FP input, 3-hr winds (Ref)
c24



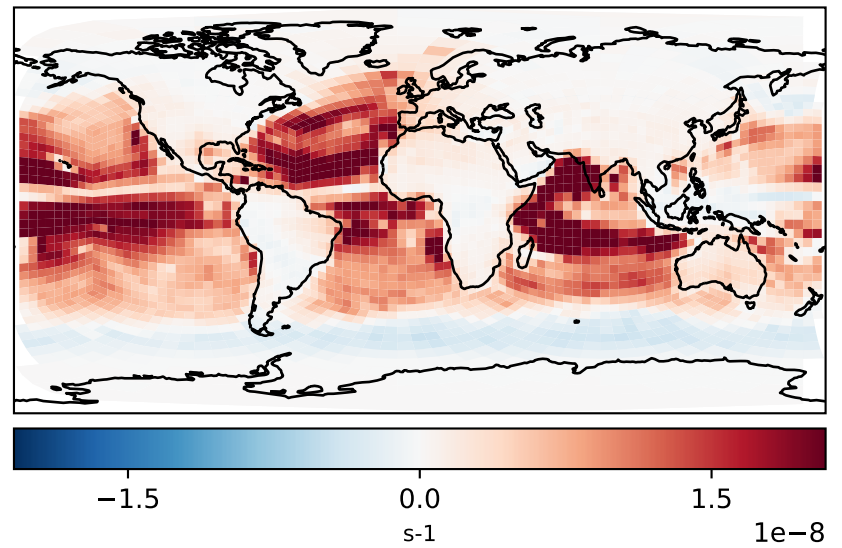
Raw GEOS-FP input, 3-hr winds (Dev)
c24



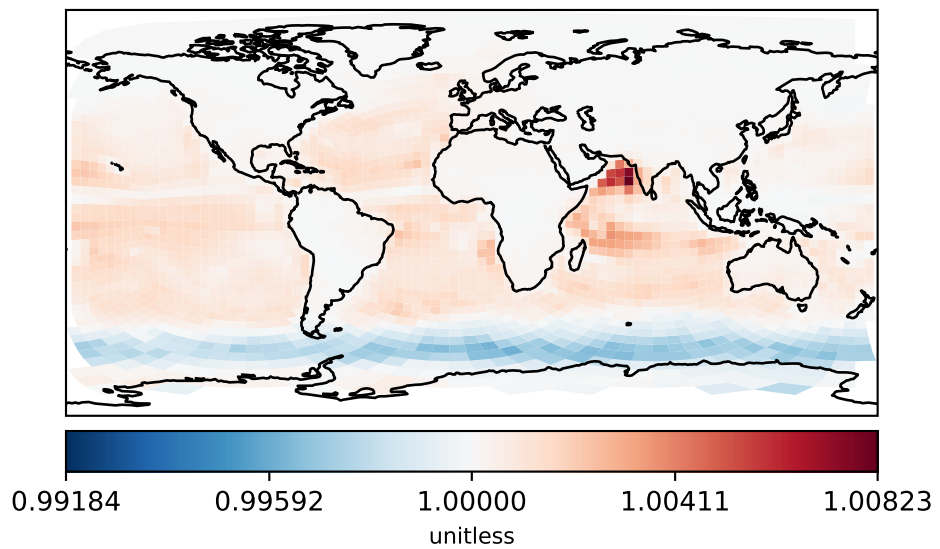
Difference
Dev - Ref, Dynamic Range



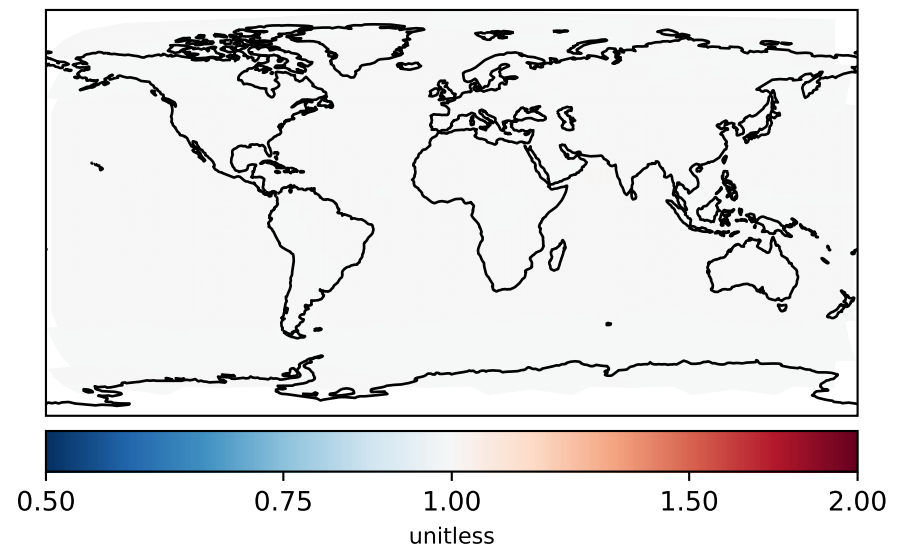
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

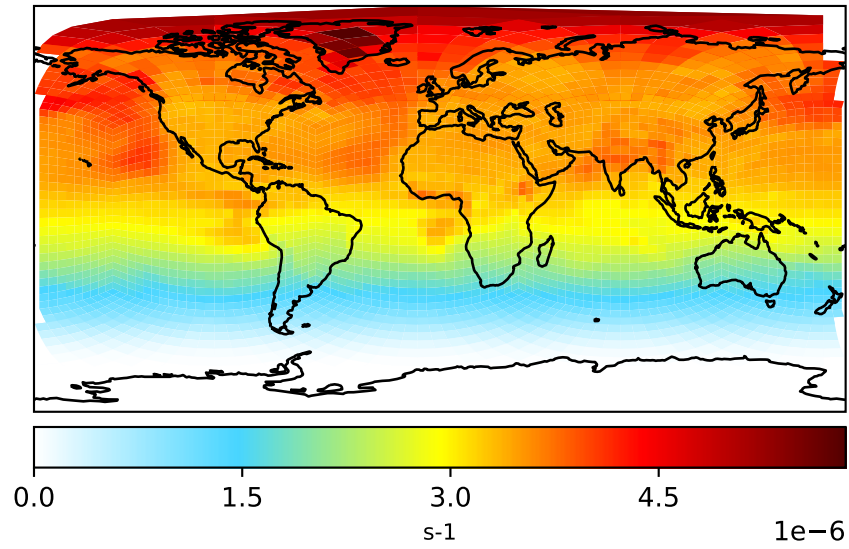


Ratio
Dev/Ref, Fixed Range

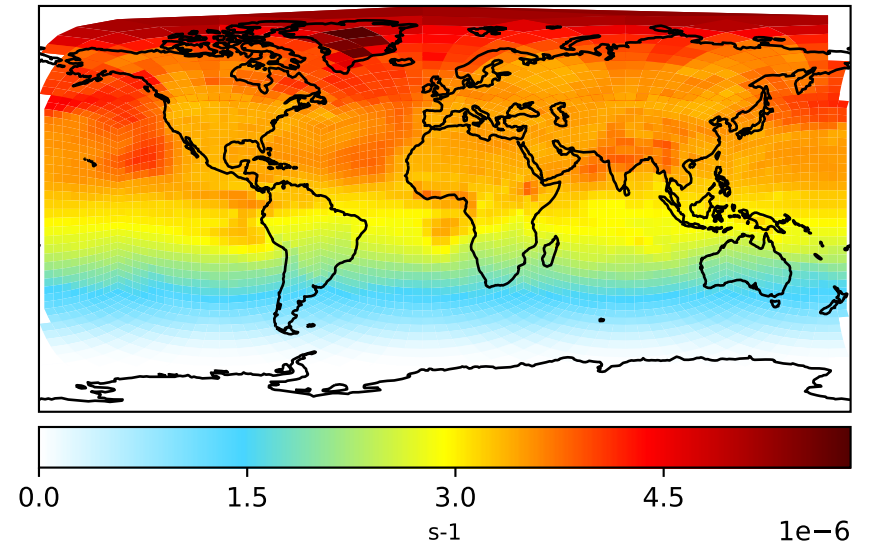


Jval_BENZP

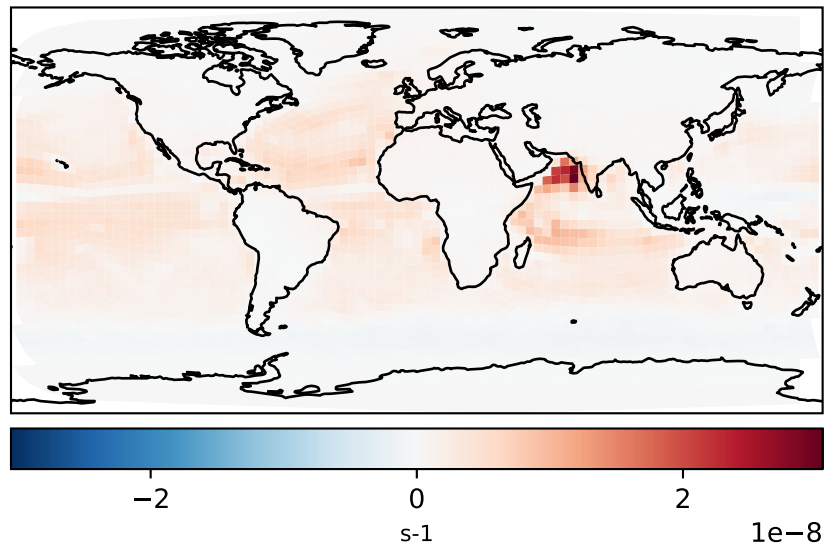
Processed GEOS-FP input, 3-hr winds (Ref)
c24



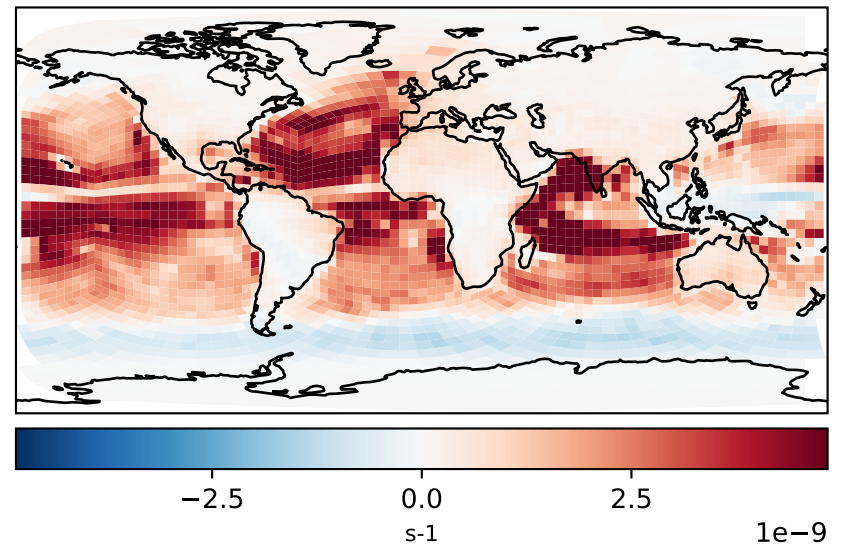
Raw GEOS-FP input, 3-hr winds (Dev)
c24



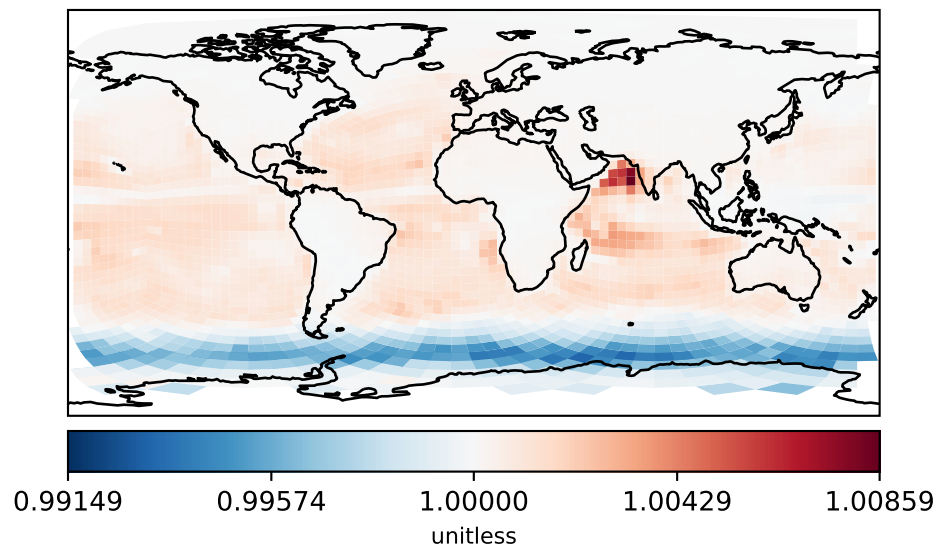
Difference
Dev - Ref, Dynamic Range



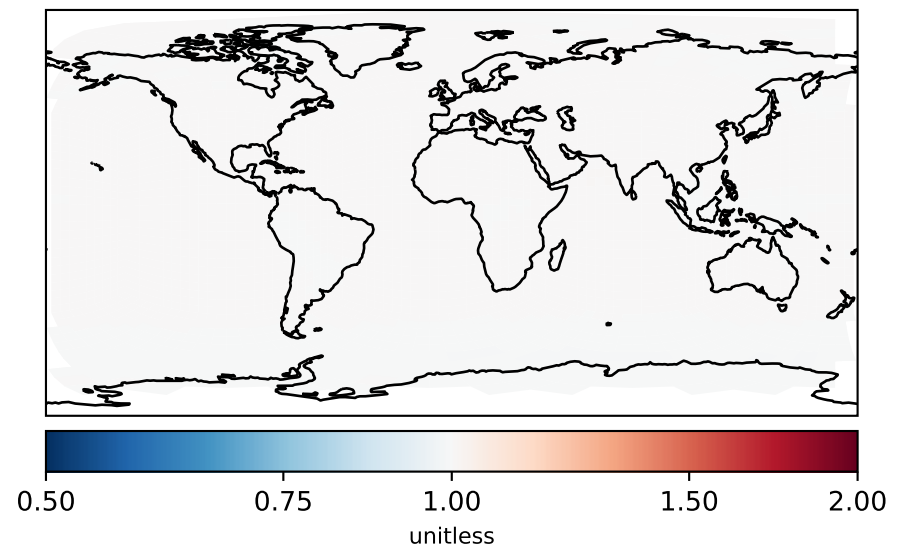
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

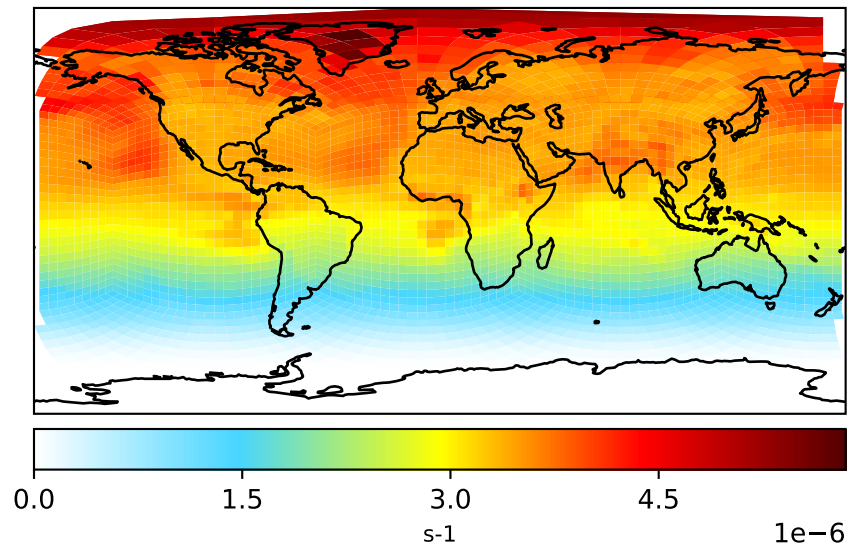


Ratio
Dev/Ref, Fixed Range

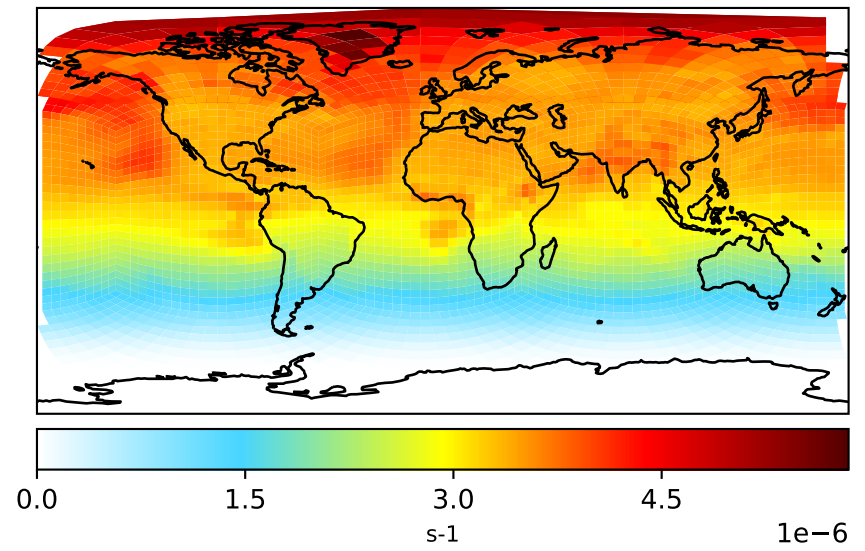


Jval_BZCO3H

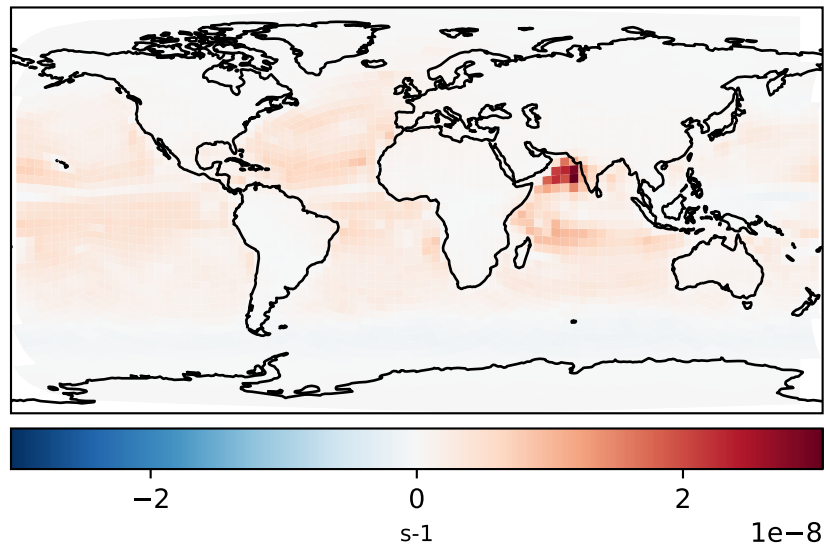
Processed GEOS-FP input, 3-hr winds (Ref)
c24



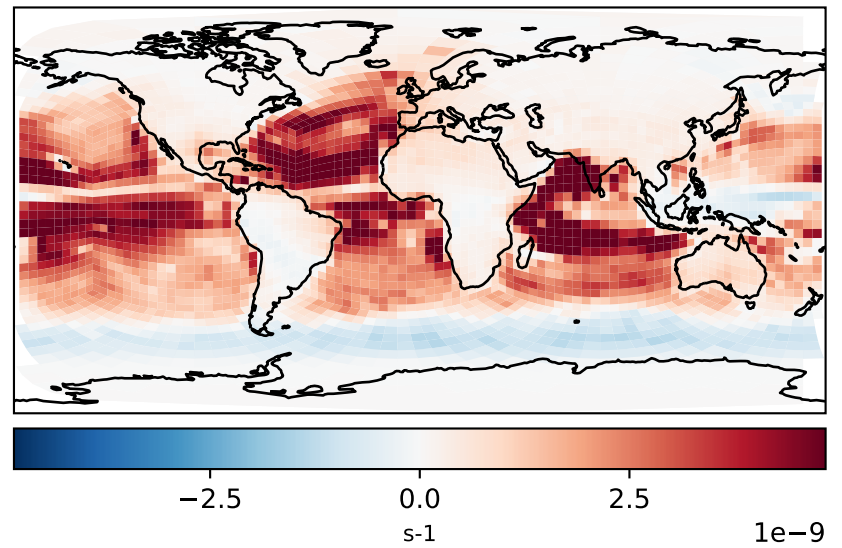
Raw GEOS-FP input, 3-hr winds (Dev)
c24



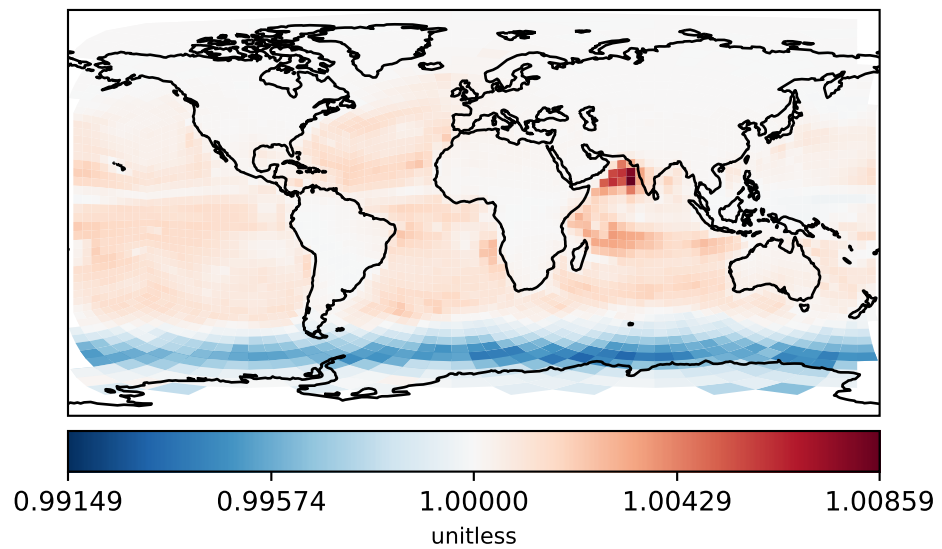
Difference
Dev - Ref, Dynamic Range



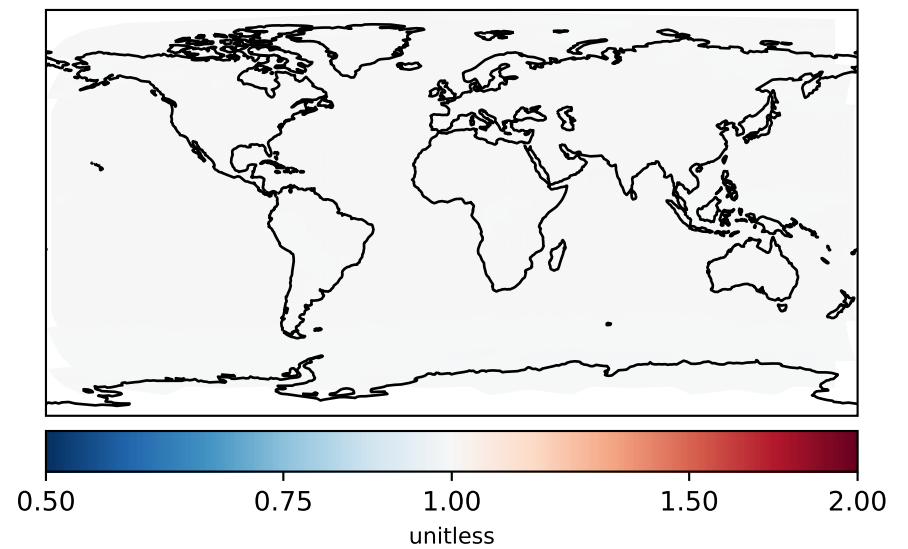
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

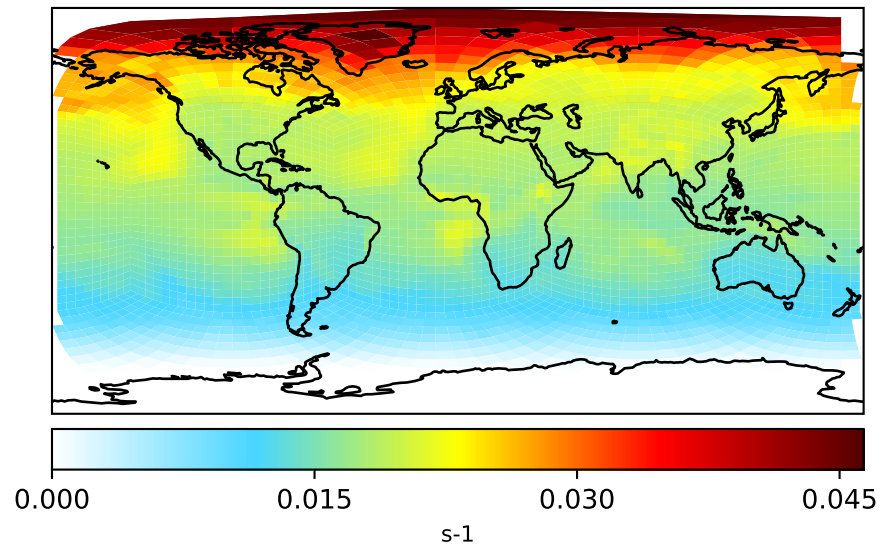


Ratio
Dev/Ref, Fixed Range

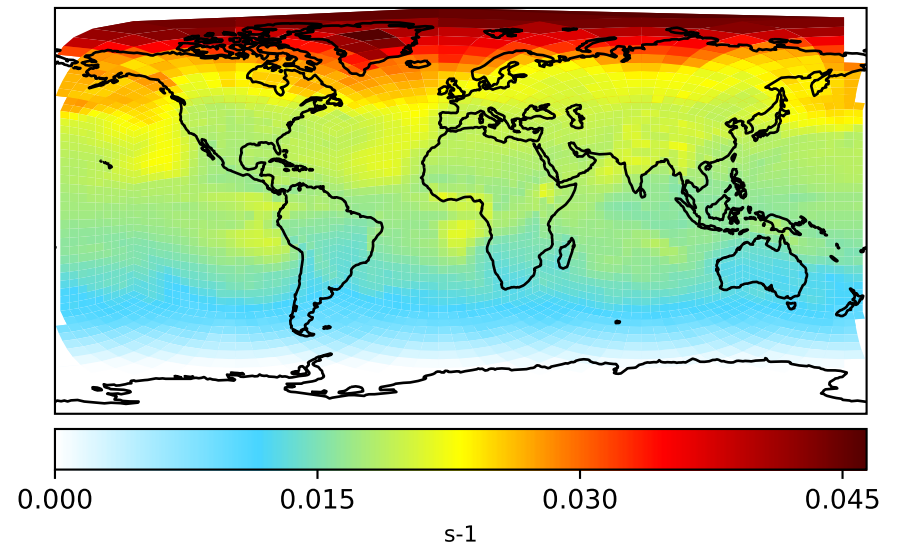


Jval_Br2

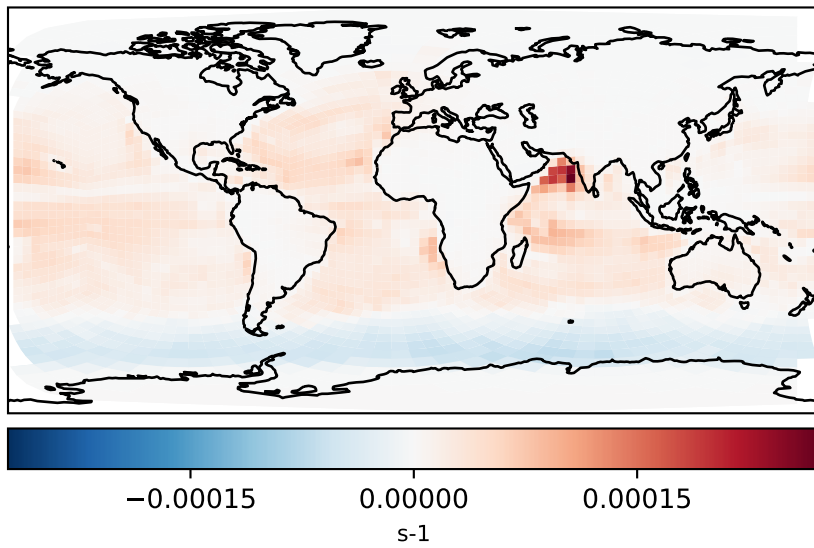
Processed GEOS-FP input, 3-hr winds (Ref)
c24



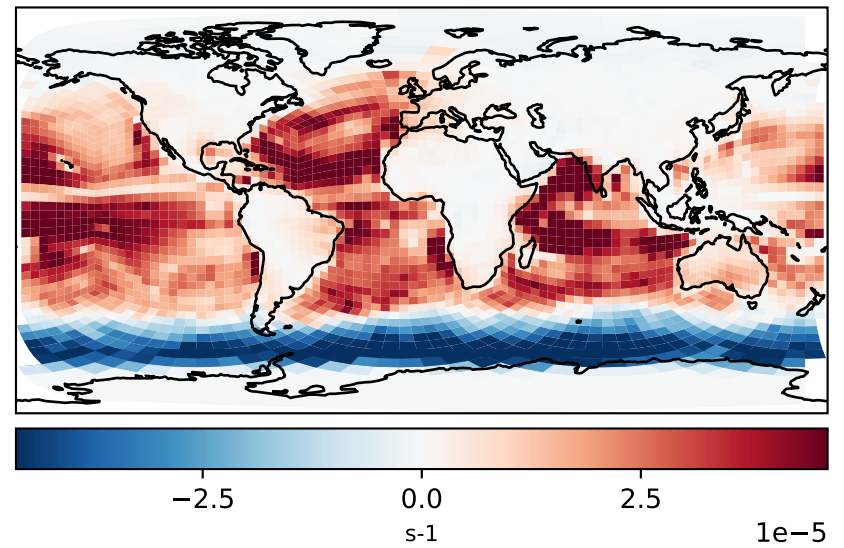
Raw GEOS-FP input, 3-hr winds (Dev)
c24



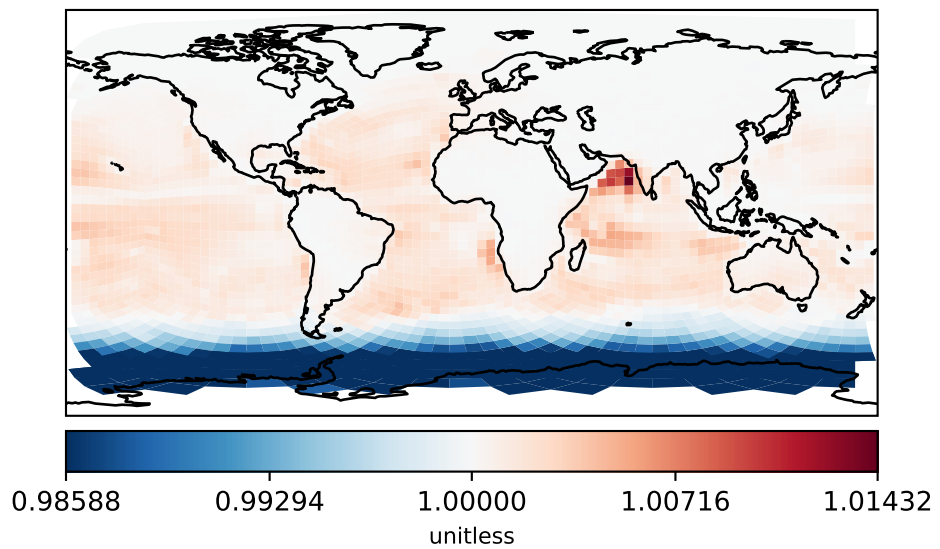
Difference
Dev - Ref, Dynamic Range



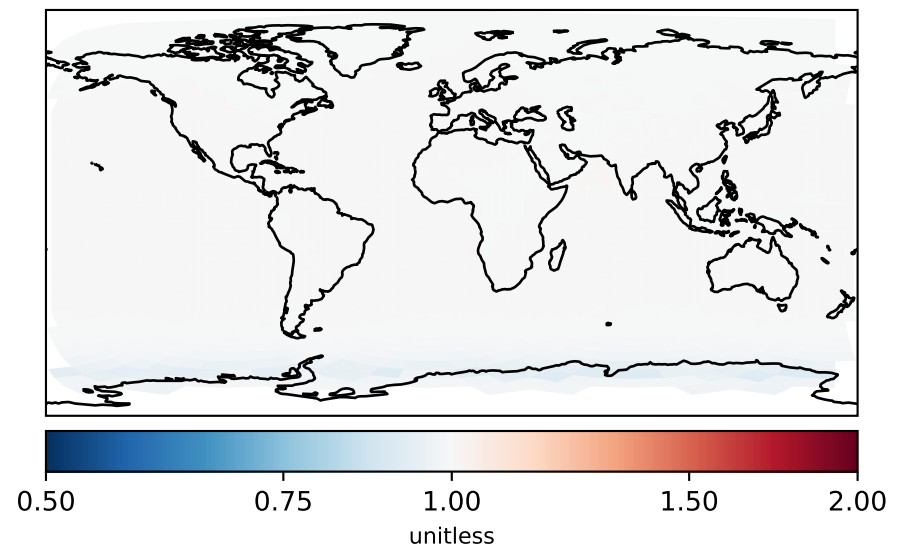
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

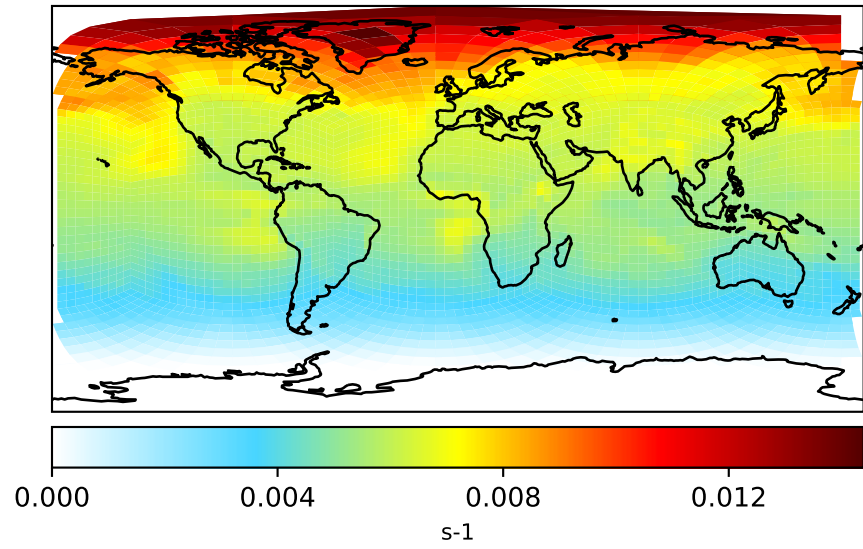


Ratio
Dev/Ref, Fixed Range

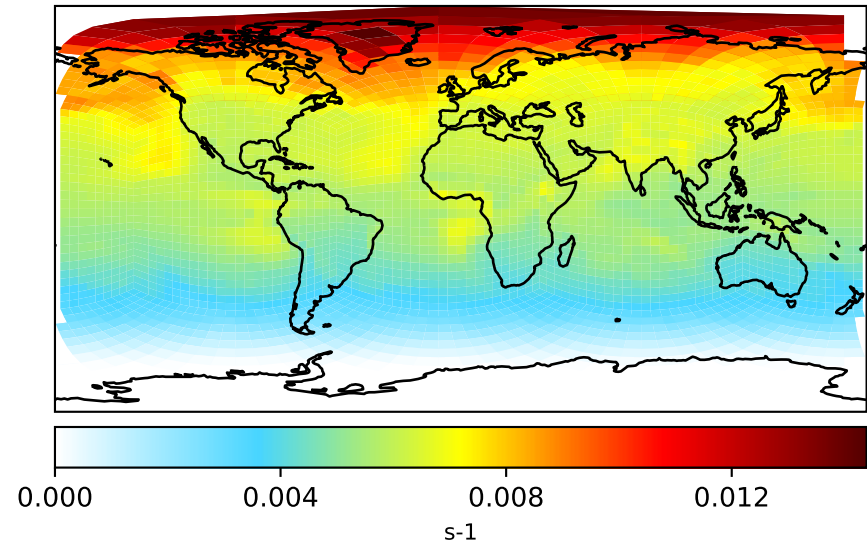


Jval_BrCI

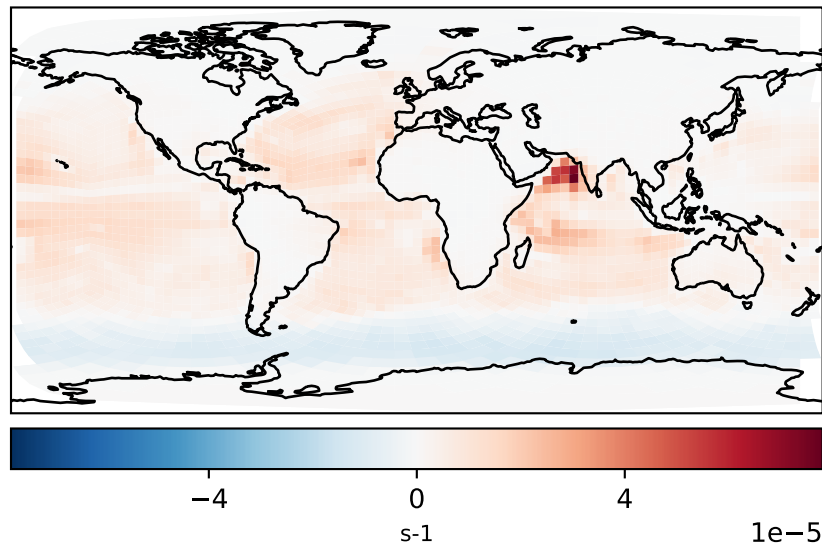
Processed GEOS-FP input, 3-hr winds (Ref)
c24



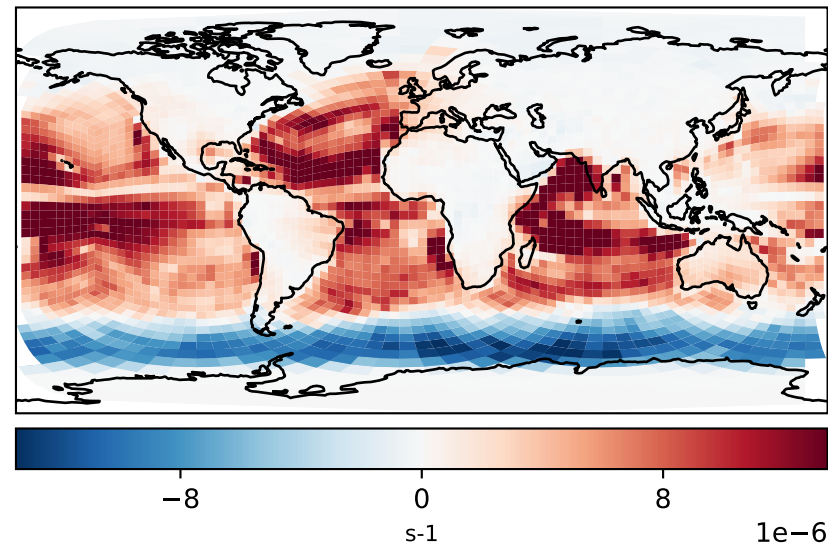
Raw GEOS-FP input, 3-hr winds (Dev)
c24



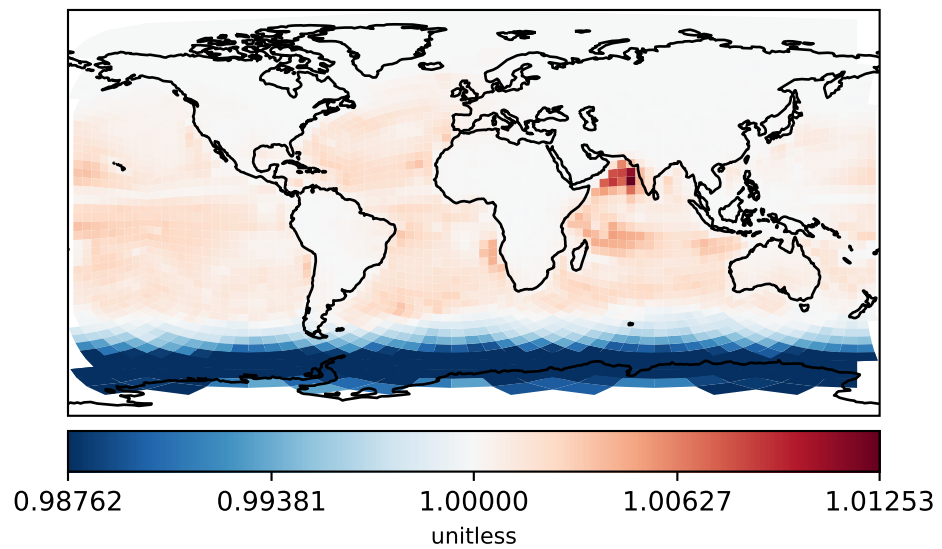
Difference
Dev - Ref, Dynamic Range



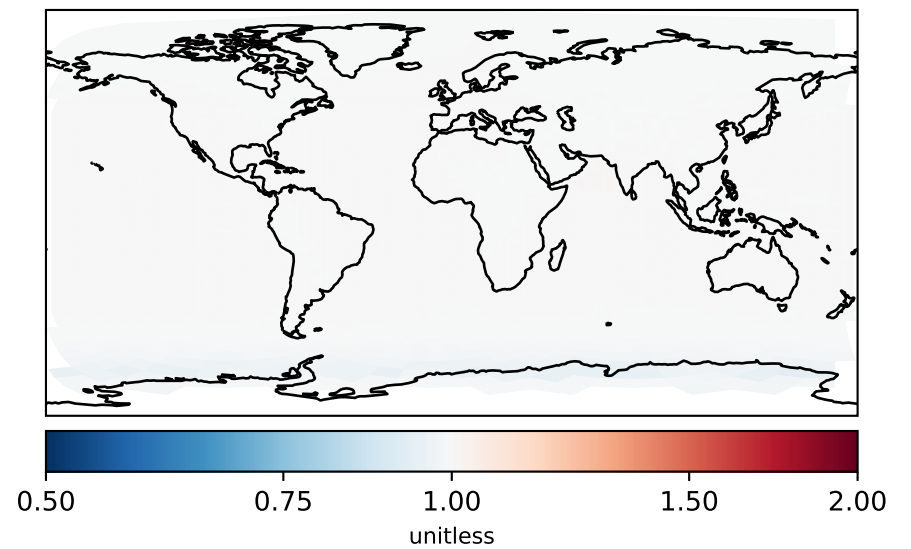
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

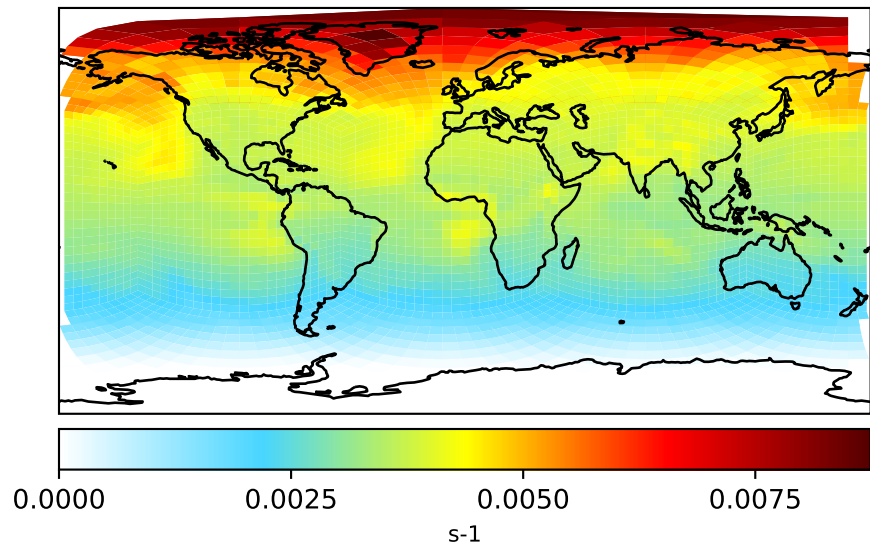


Ratio
Dev/Ref, Fixed Range

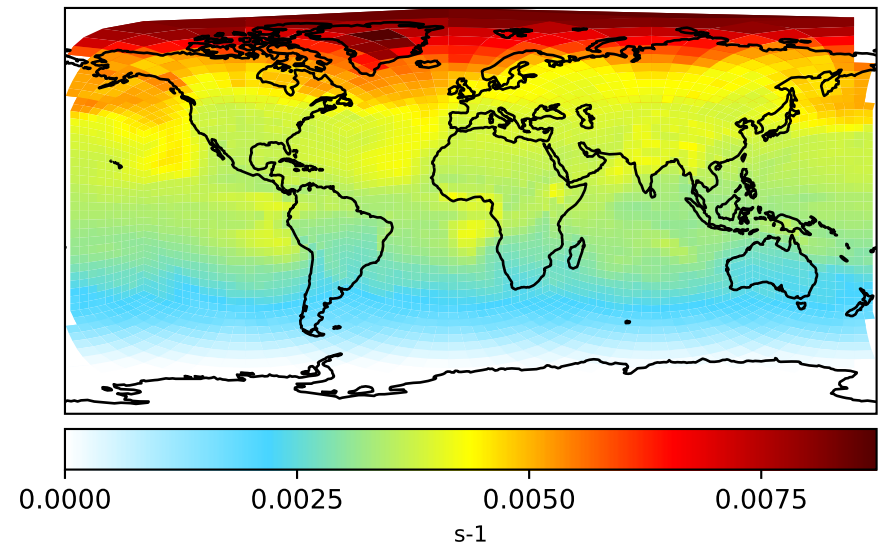


Jval_BrNO2

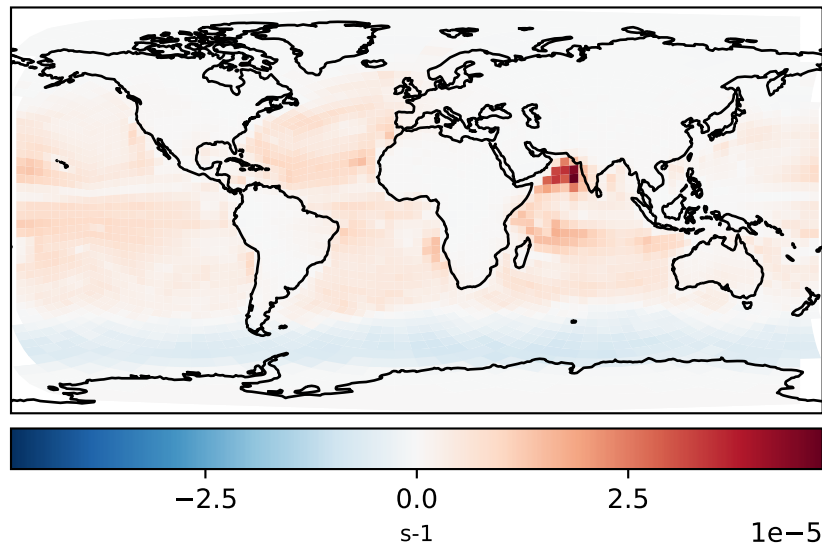
Processed GEOS-FP input, 3-hr winds (Ref)
c24



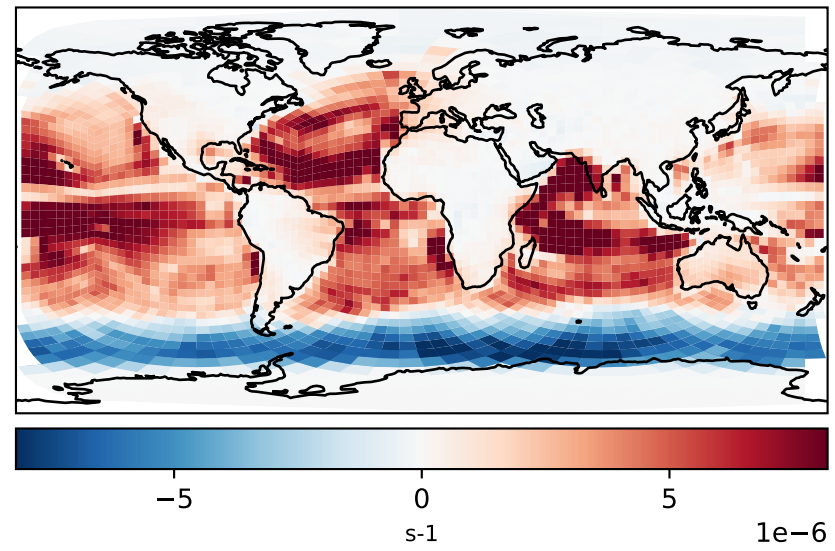
Raw GEOS-FP input, 3-hr winds (Dev)
c24



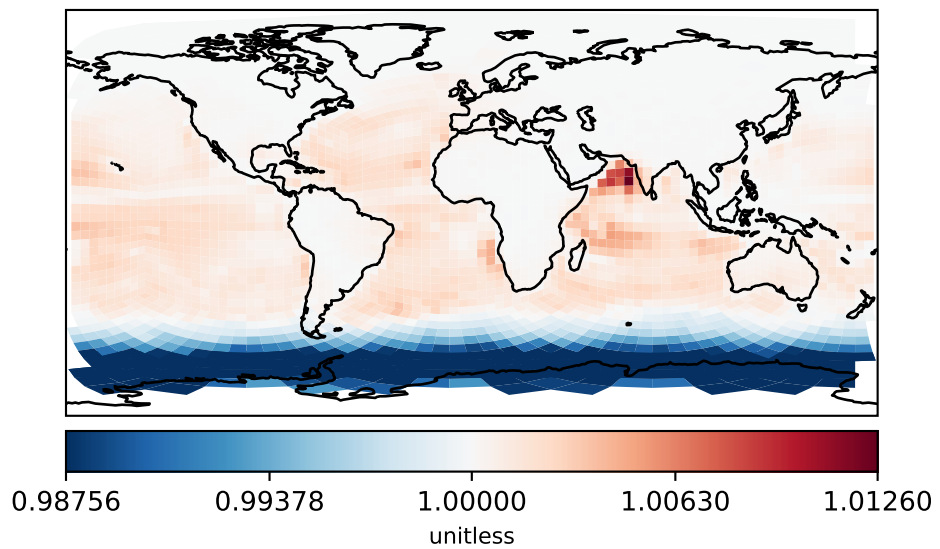
Difference
Dev - Ref, Dynamic Range



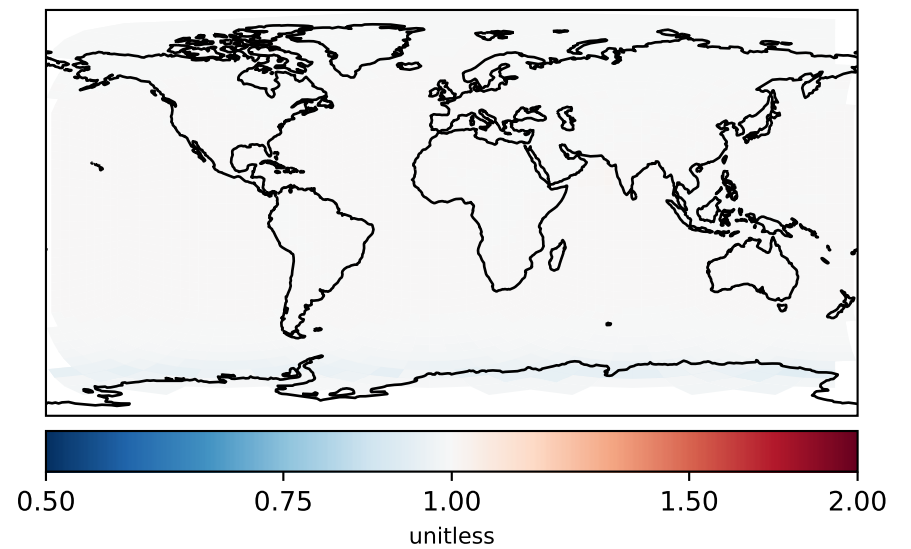
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

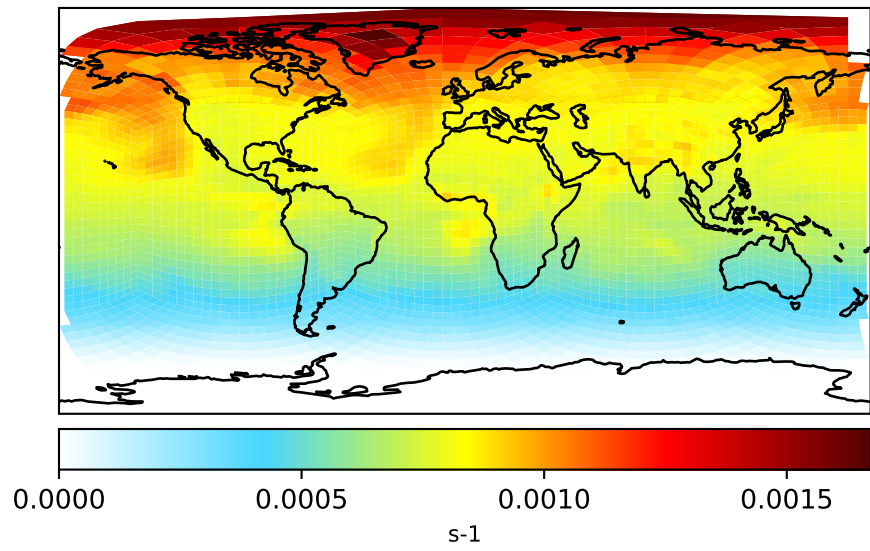


Ratio
Dev/Ref, Fixed Range

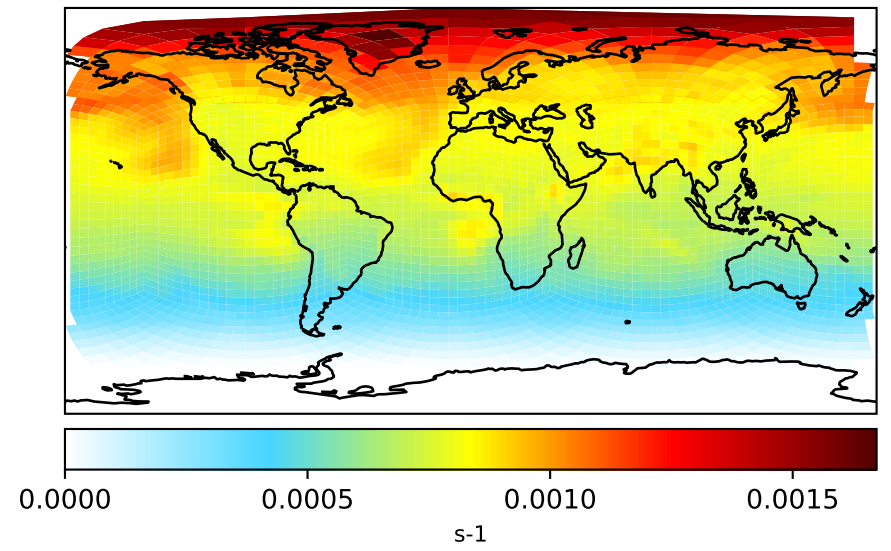


Jval_BrNO3

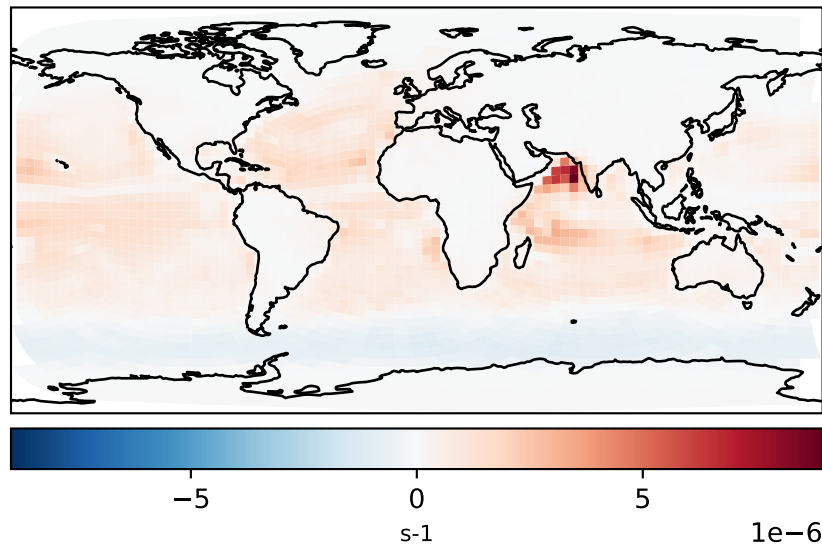
Processed GEOS-FP input, 3-hr winds (Ref)
c24



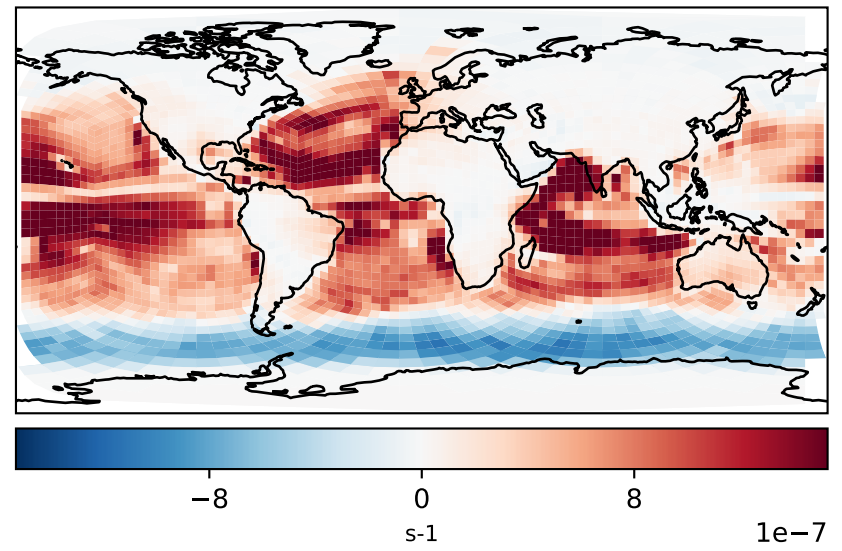
Raw GEOS-FP input, 3-hr winds (Dev)
c24



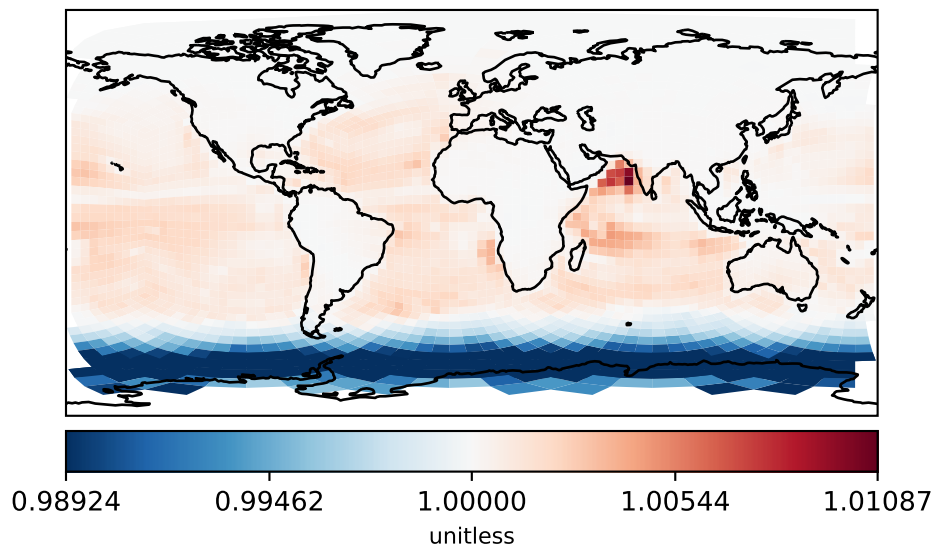
Difference
Dev - Ref, Dynamic Range



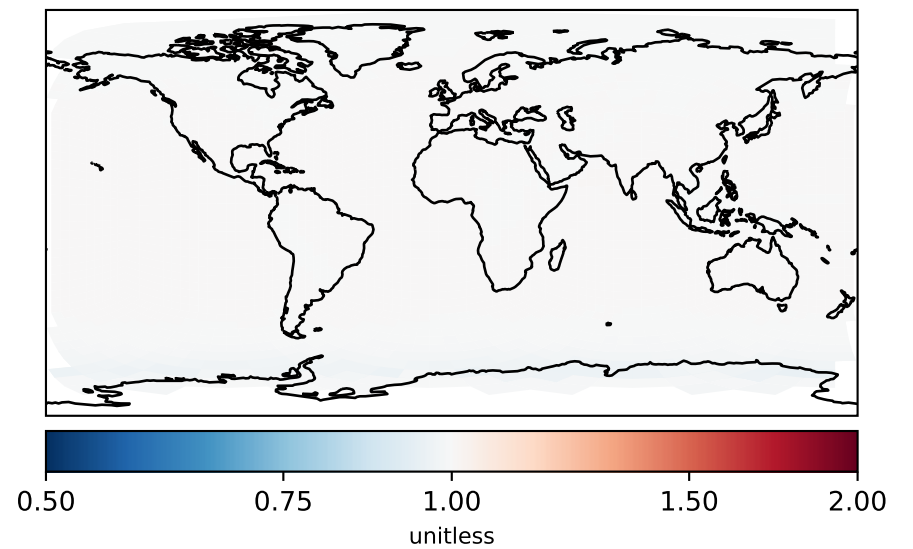
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

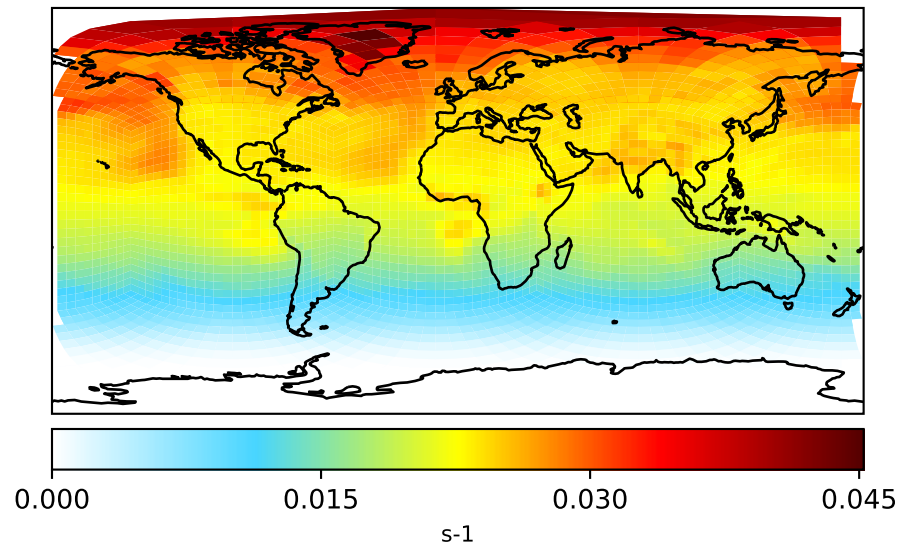


Ratio
Dev/Ref, Fixed Range

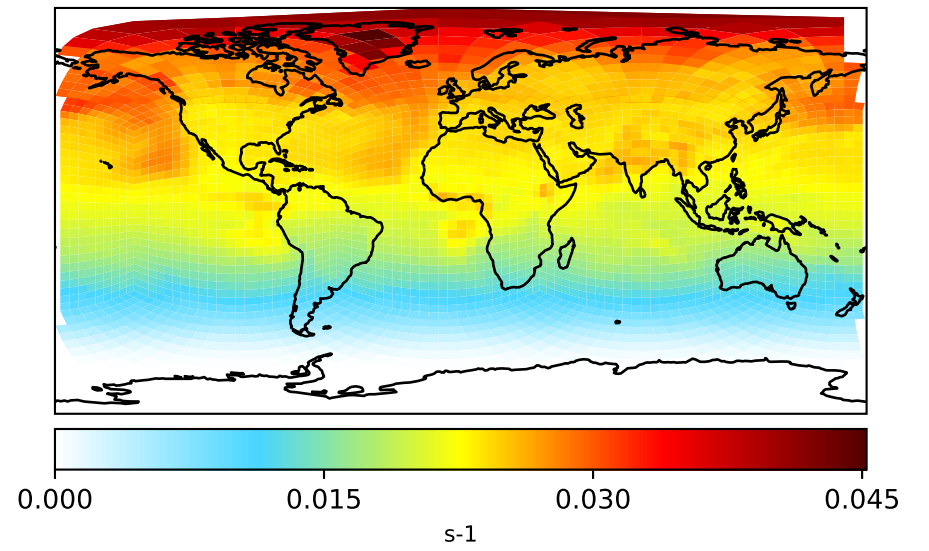


Jval_BrO

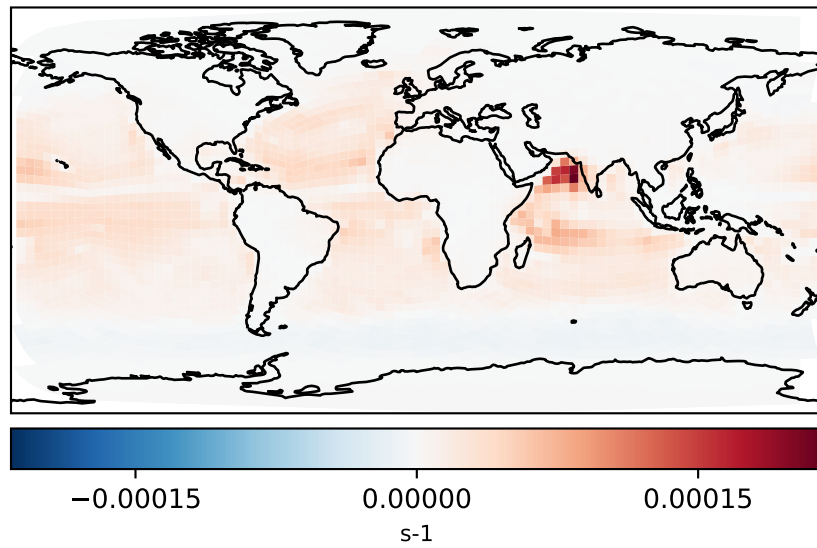
Processed GEOS-FP input, 3-hr winds (Ref)
c24



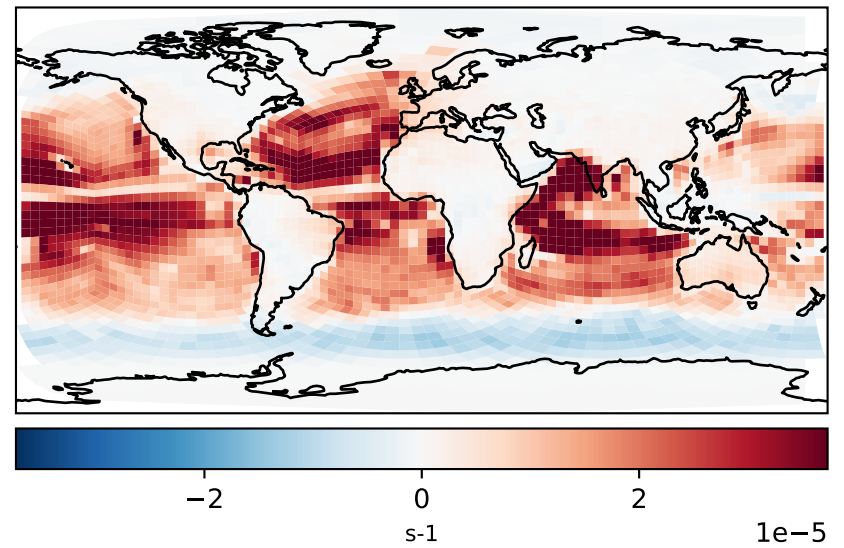
Raw GEOS-FP input, 3-hr winds (Dev)
c24



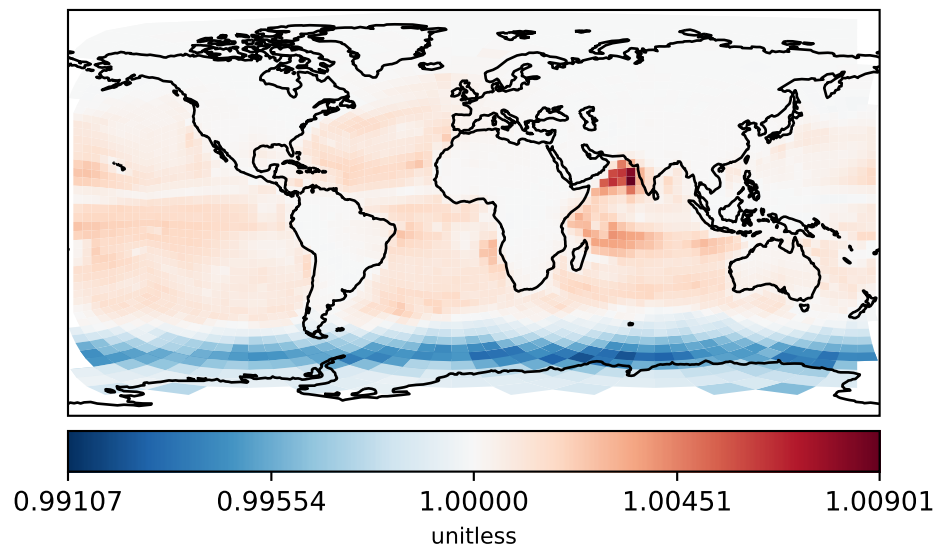
Difference
Dev - Ref, Dynamic Range



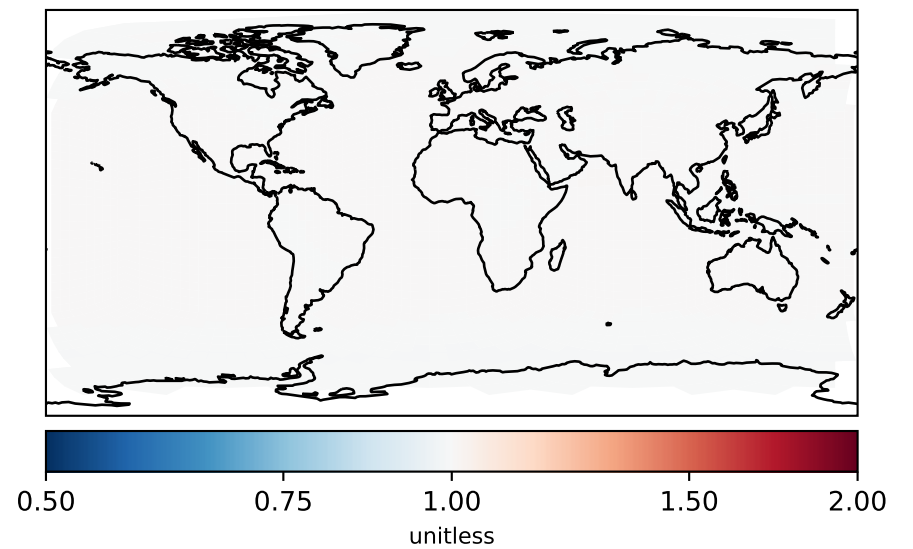
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

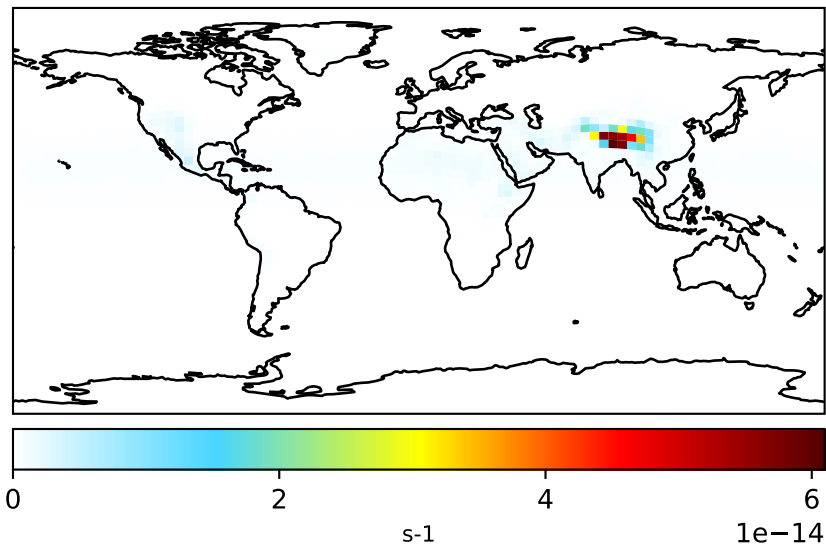


Ratio
Dev/Ref, Fixed Range

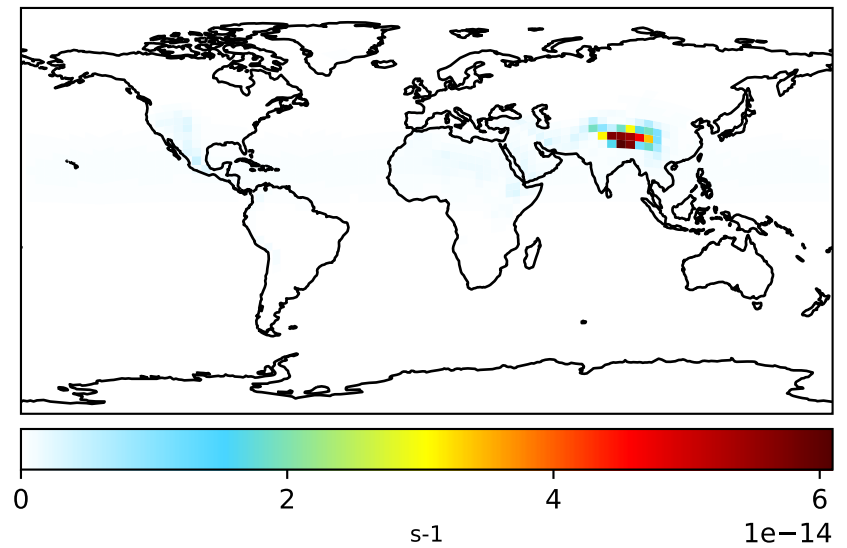


Jval_CCI4

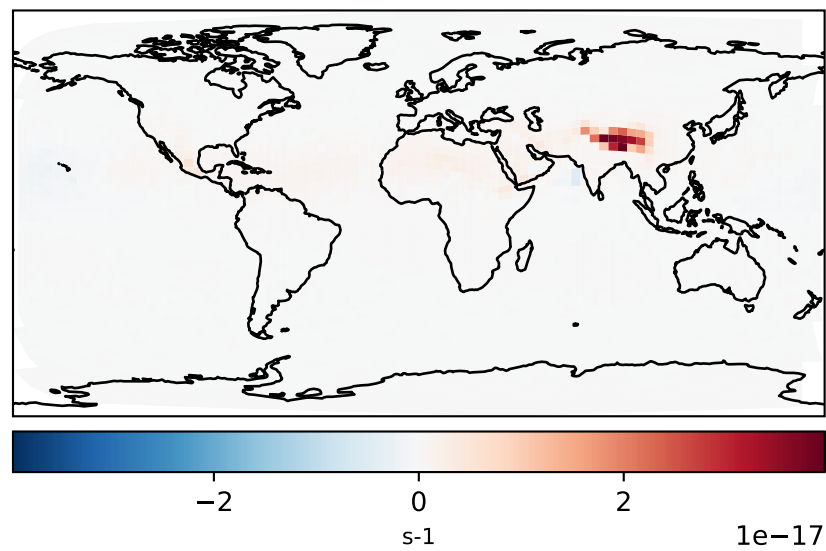
Processed GEOS-FP input, 3-hr winds (Ref)
c24



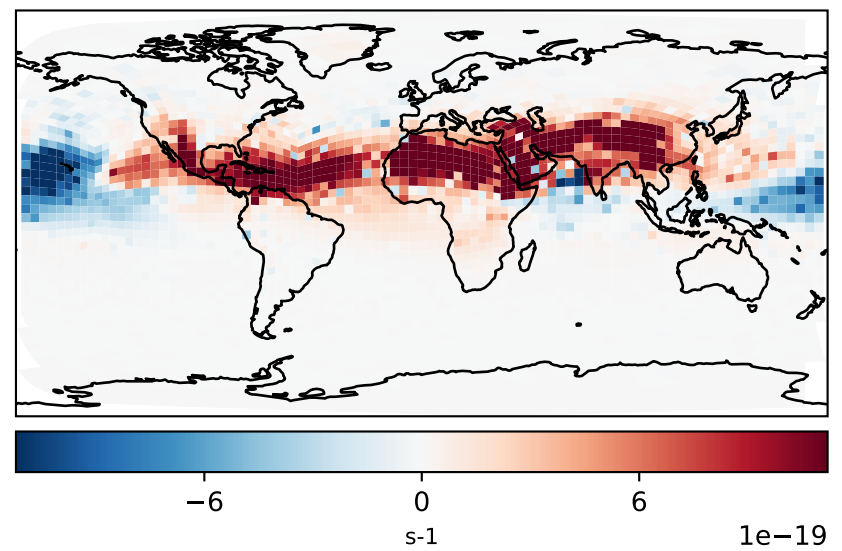
Raw GEOS-FP input, 3-hr winds (Dev)
c24



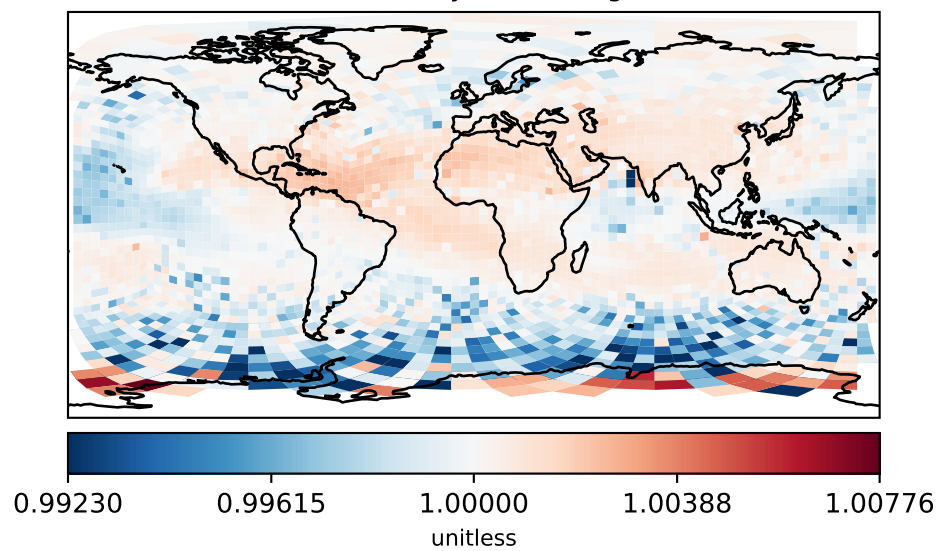
Difference
Dev - Ref, Dynamic Range



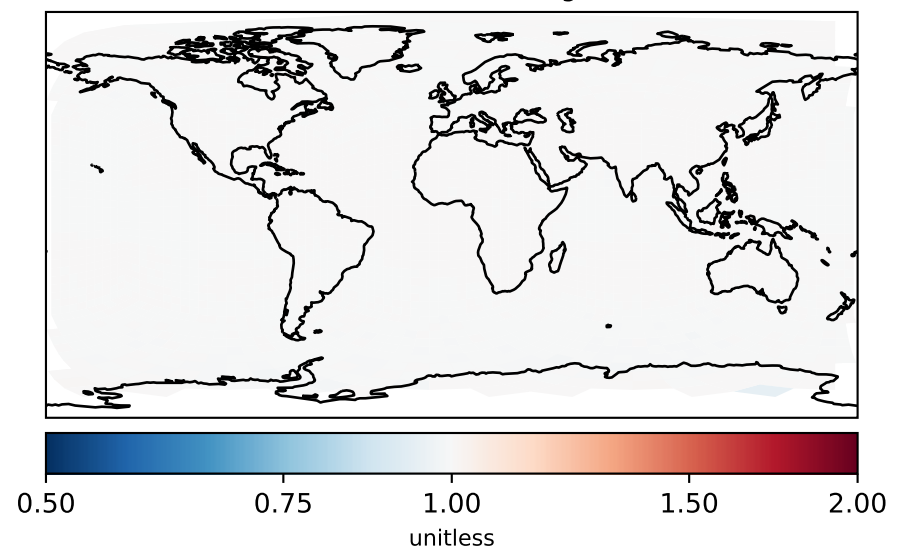
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

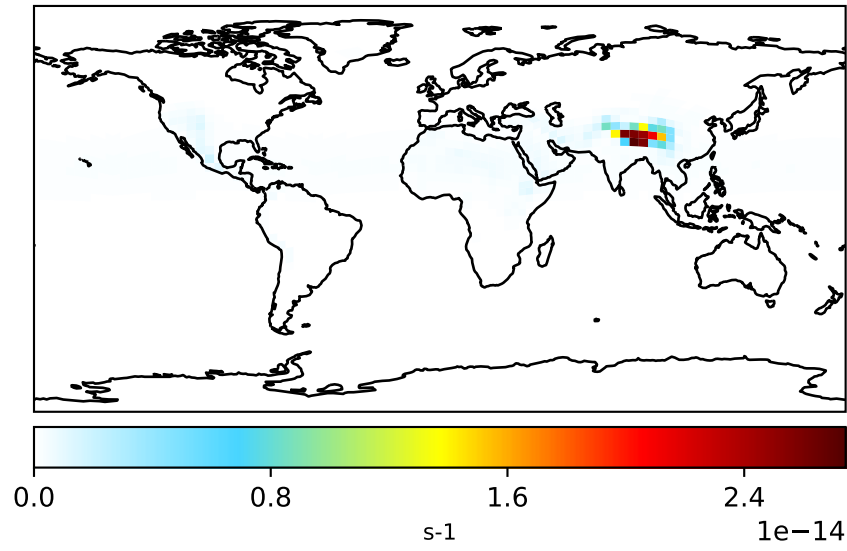


Ratio
Dev/Ref, Fixed Range

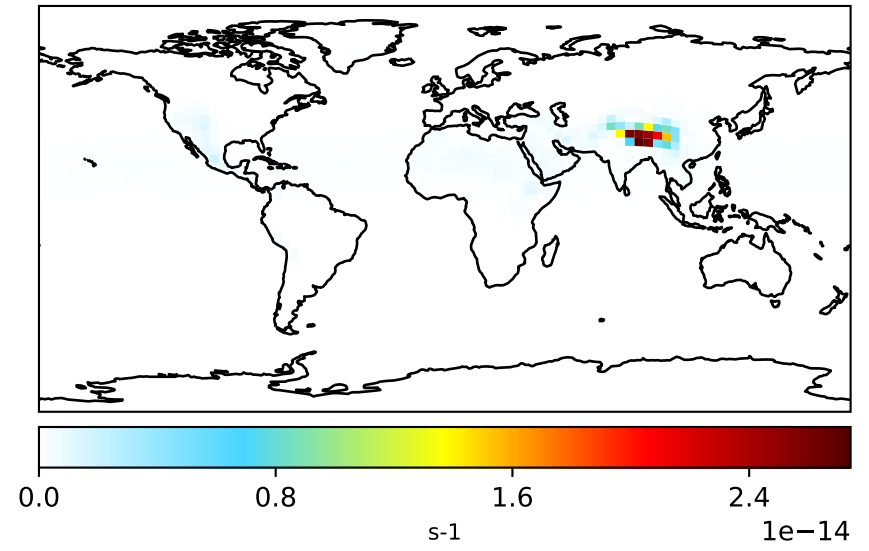


Jval_CFC11

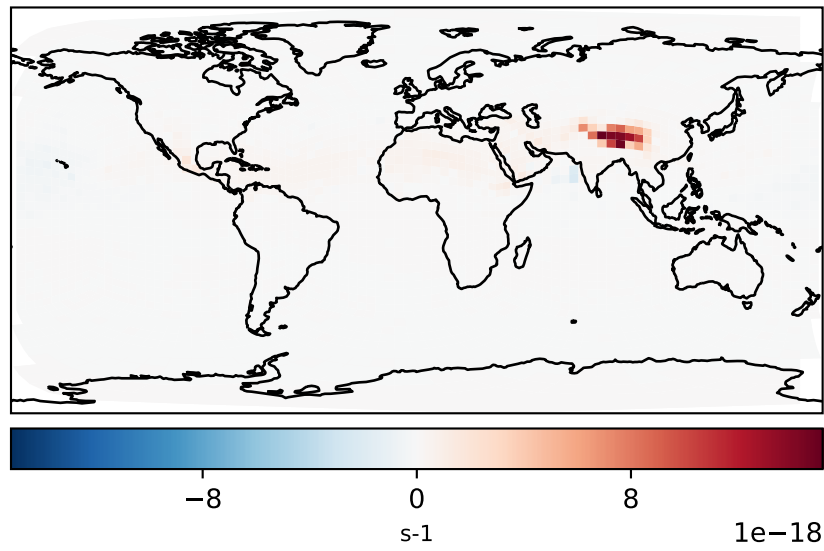
Processed GEOS-FP input, 3-hr winds (Ref)
c24



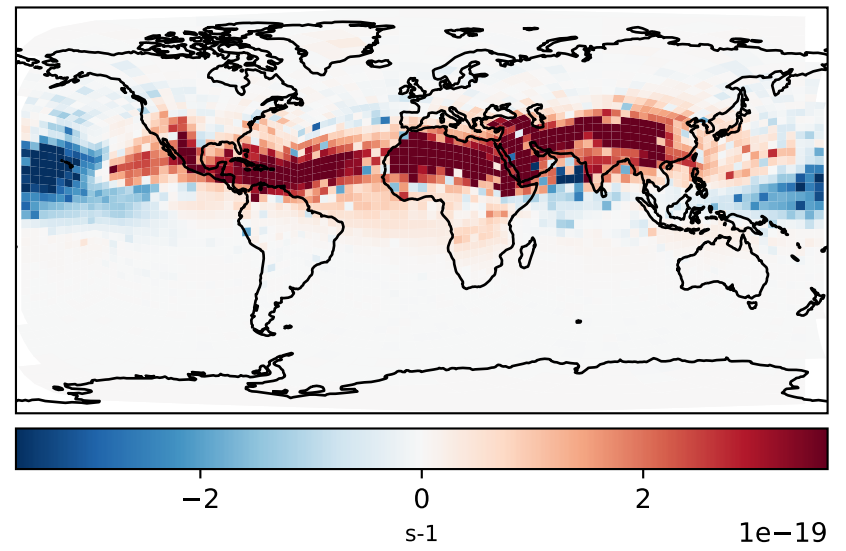
Raw GEOS-FP input, 3-hr winds (Dev)
c24



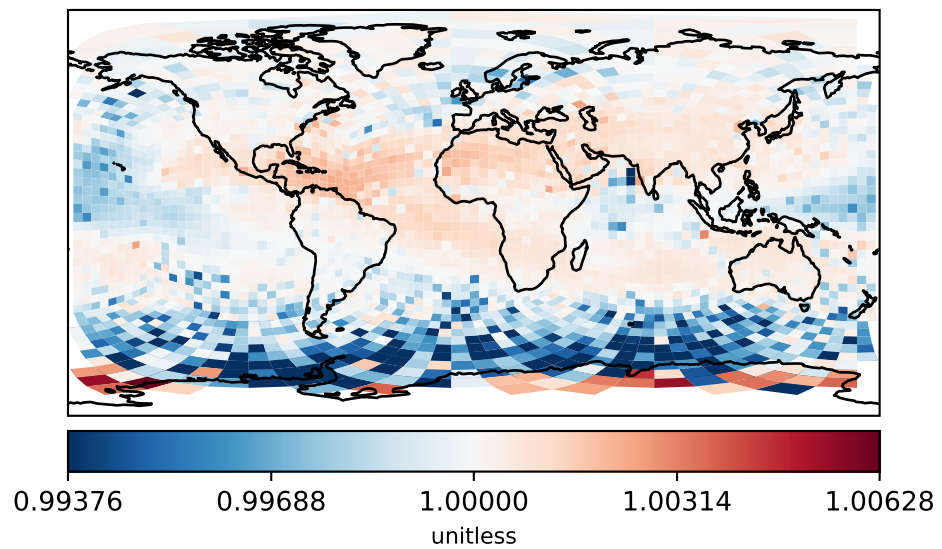
Difference
Dev - Ref, Dynamic Range



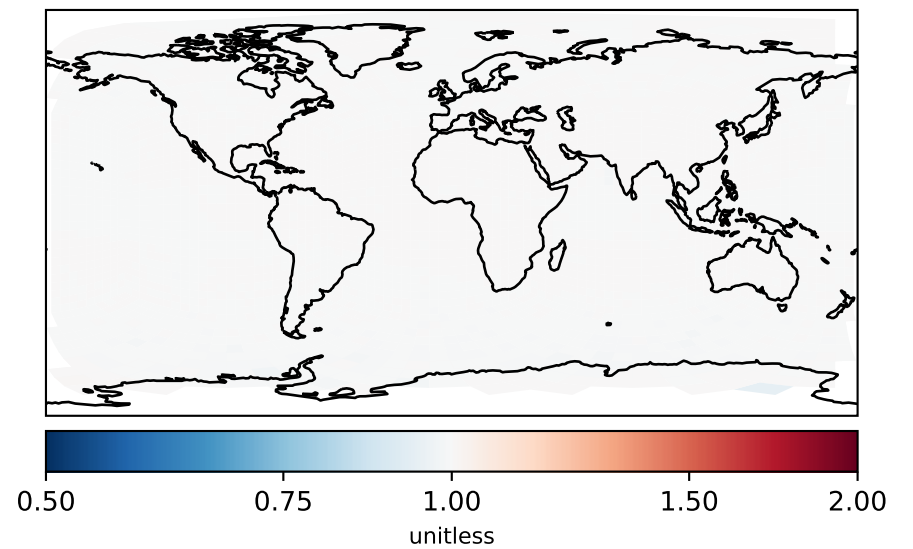
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

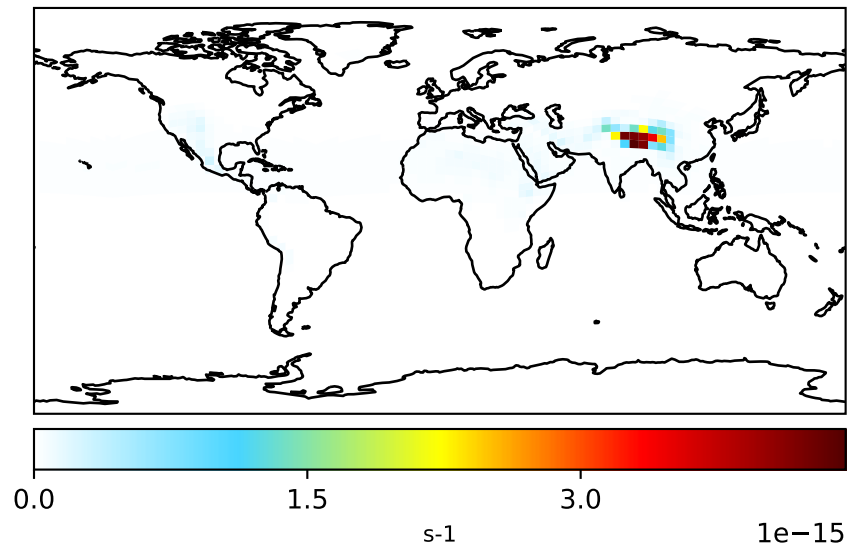


Ratio
Dev/Ref, Fixed Range

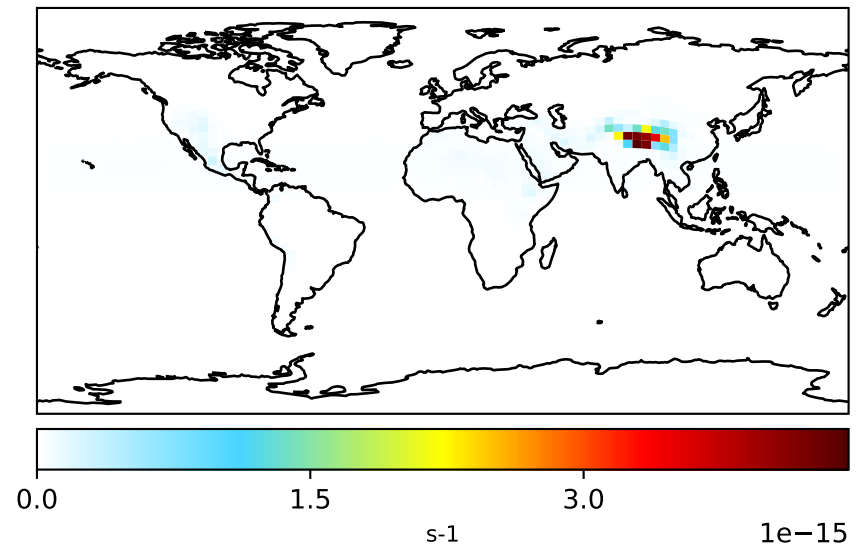


Jval_CFC113

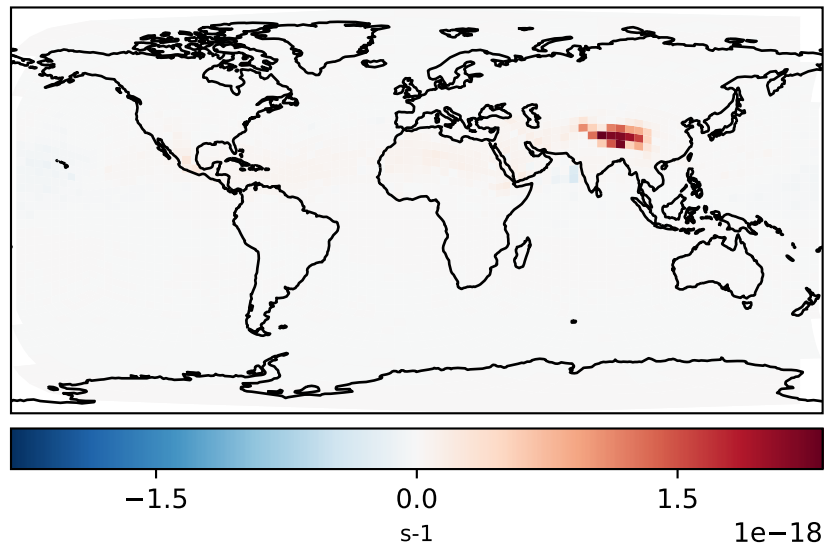
Processed GEOS-FP input, 3-hr winds (Ref)
c24



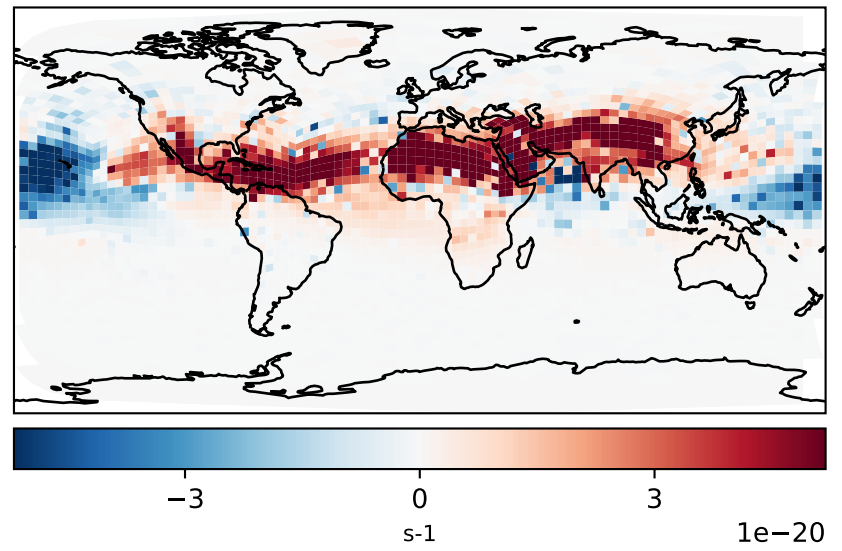
Raw GEOS-FP input, 3-hr winds (Dev)
c24



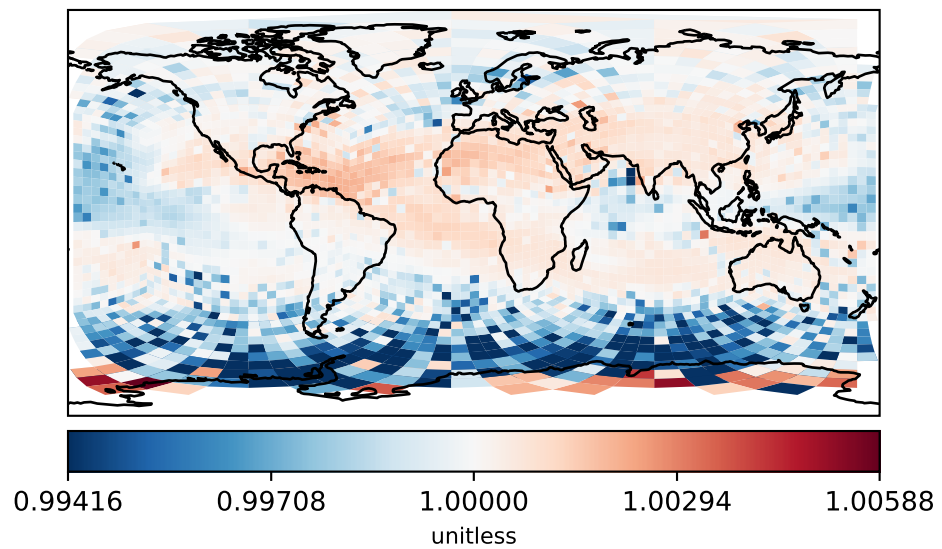
Difference
Dev - Ref, Dynamic Range



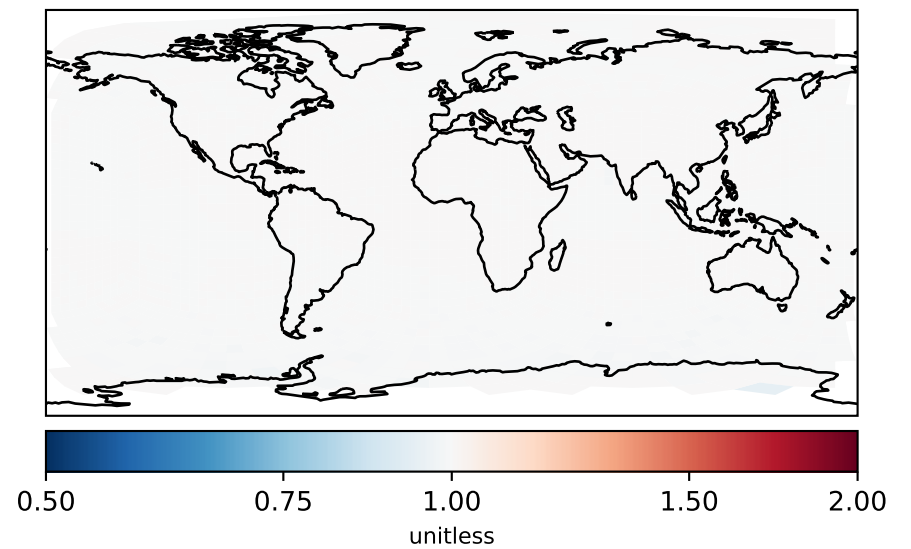
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

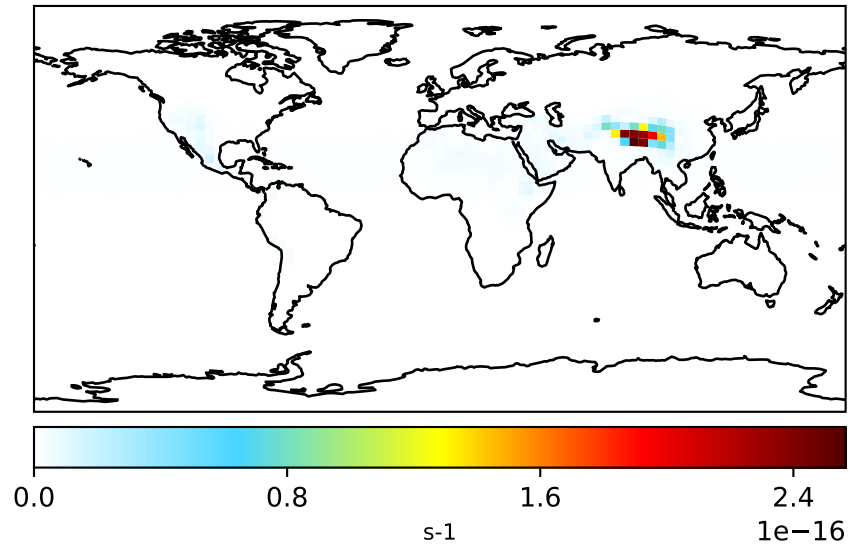


Ratio
Dev/Ref, Fixed Range

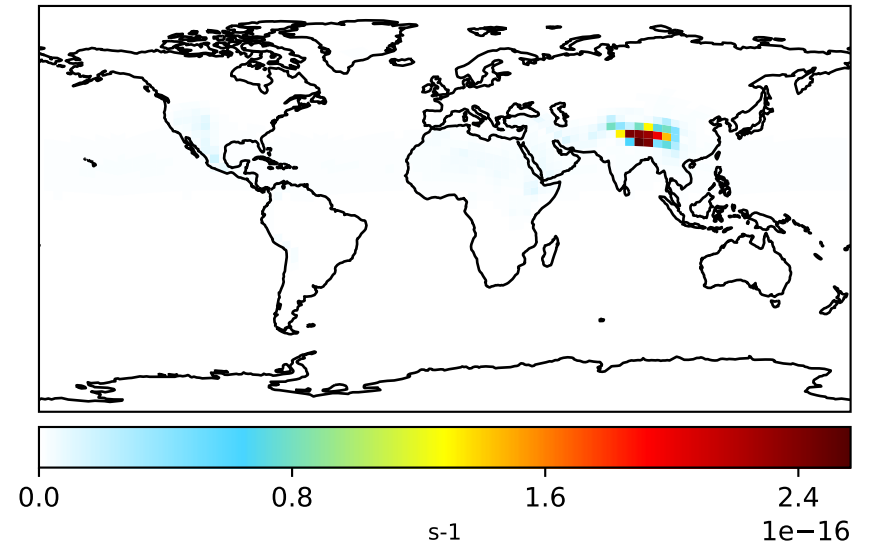


Jval_CFC114

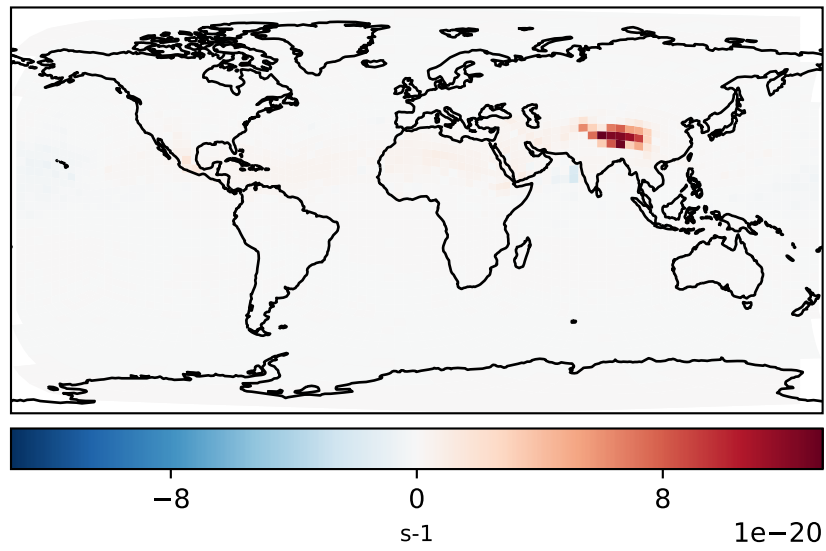
Processed GEOS-FP input, 3-hr winds (Ref)
c24



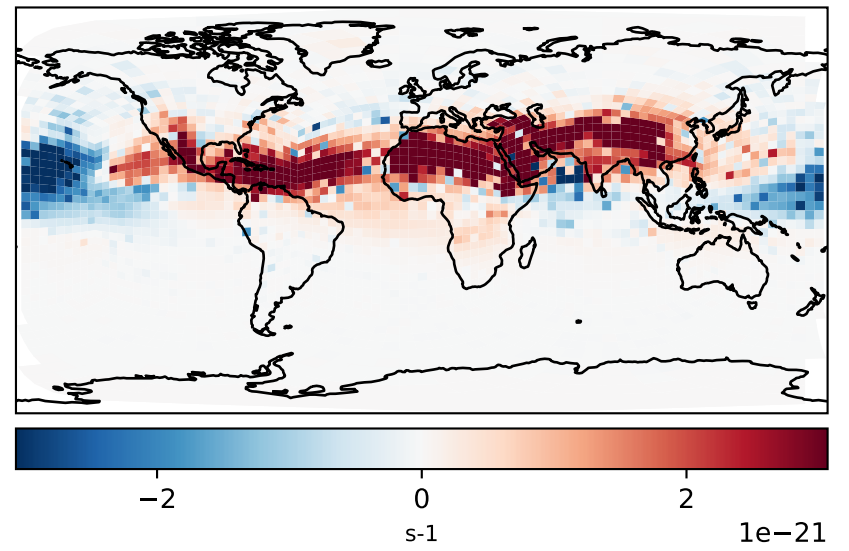
Raw GEOS-FP input, 3-hr winds (Dev)
c24



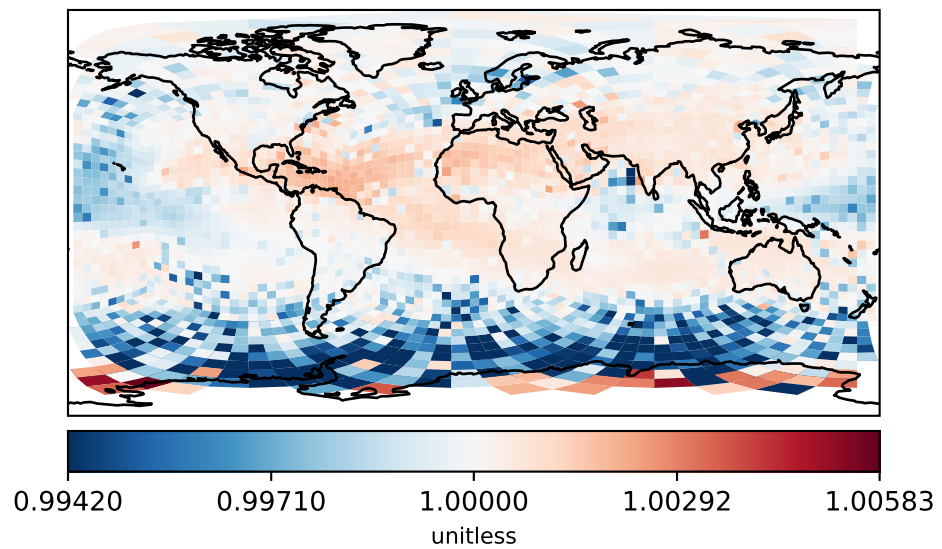
Difference
Dev - Ref, Dynamic Range



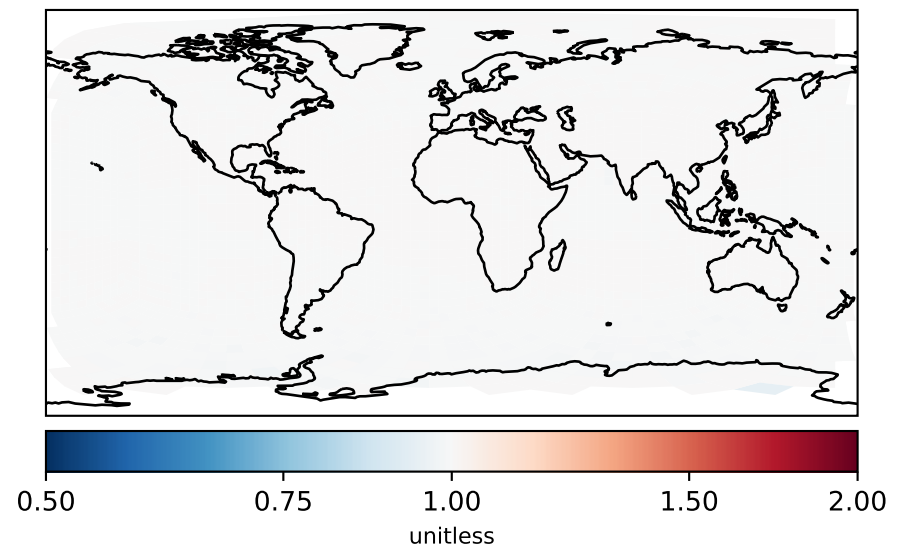
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

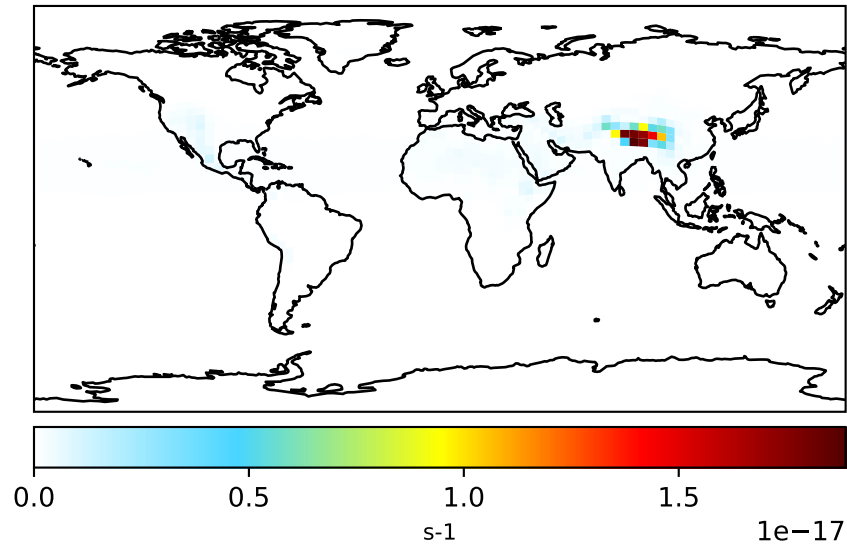


Ratio
Dev/Ref, Fixed Range

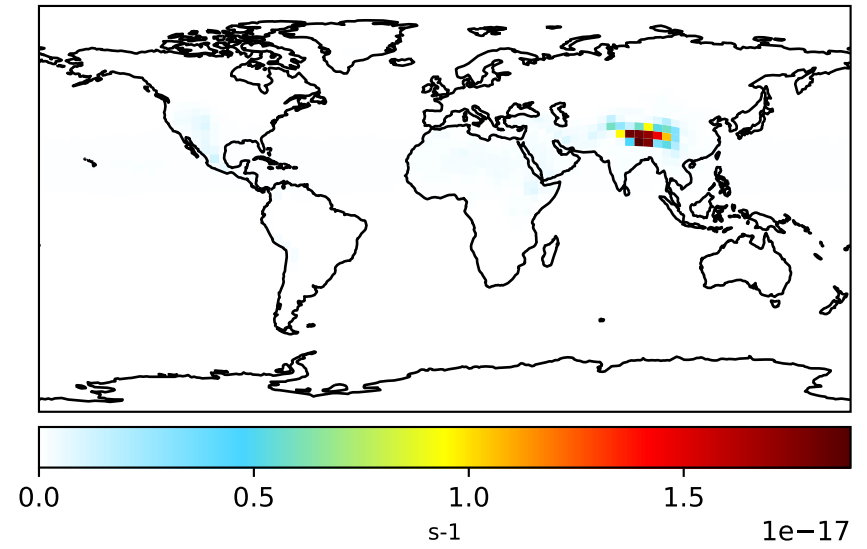


Jval_CFC115

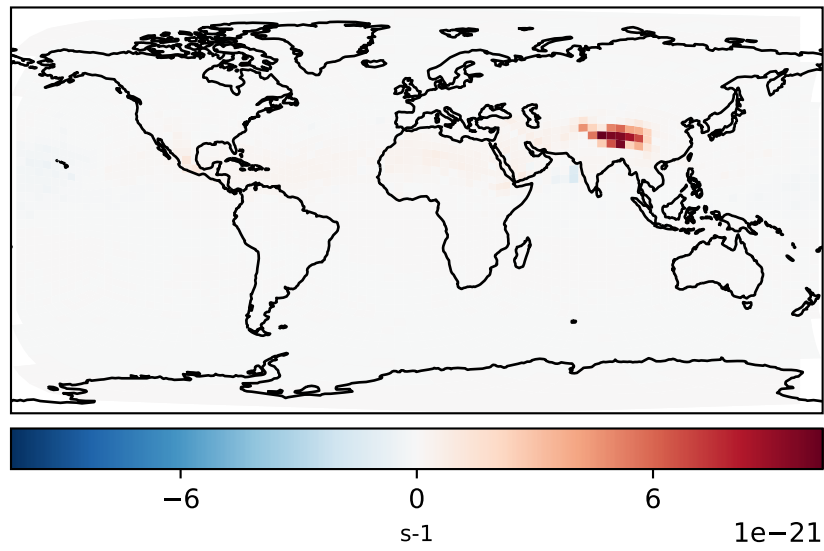
Processed GEOS-FP input, 3-hr winds (Ref)
c24



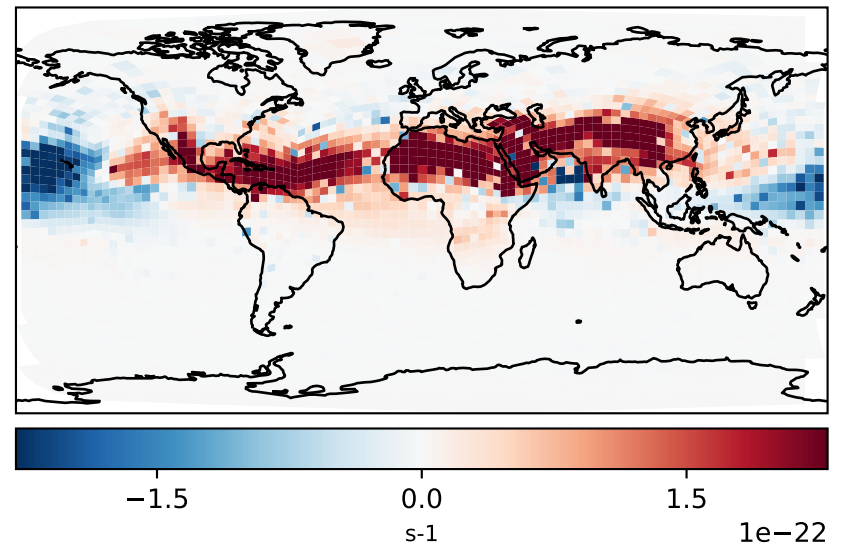
Raw GEOS-FP input, 3-hr winds (Dev)
c24



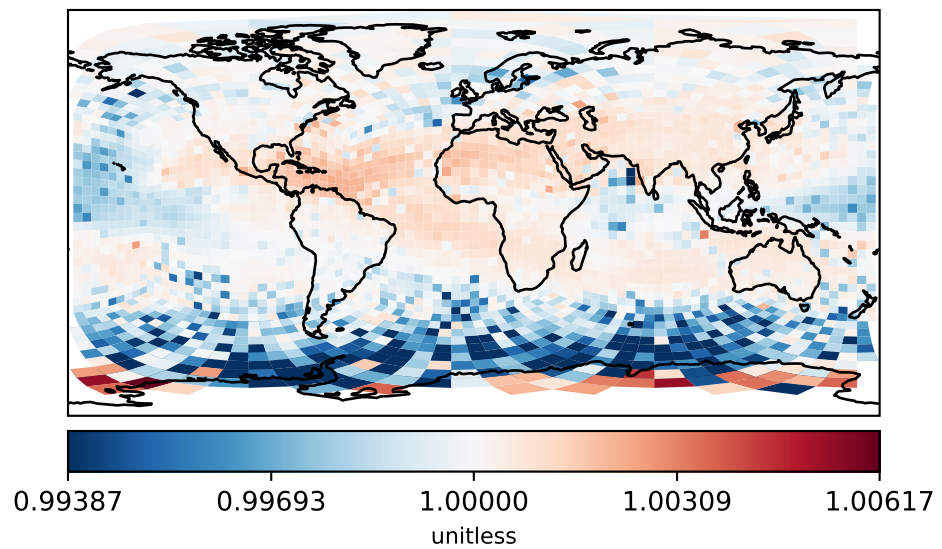
Difference
Dev - Ref, Dynamic Range



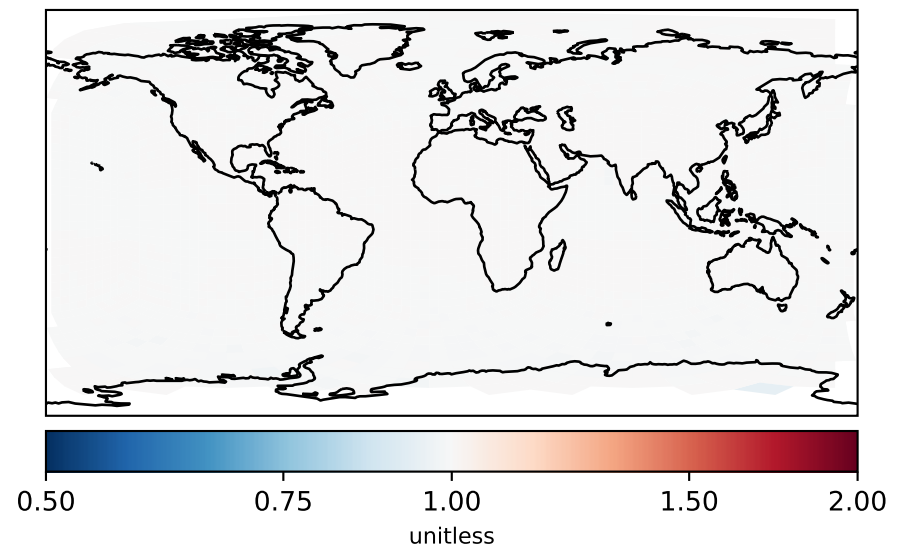
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

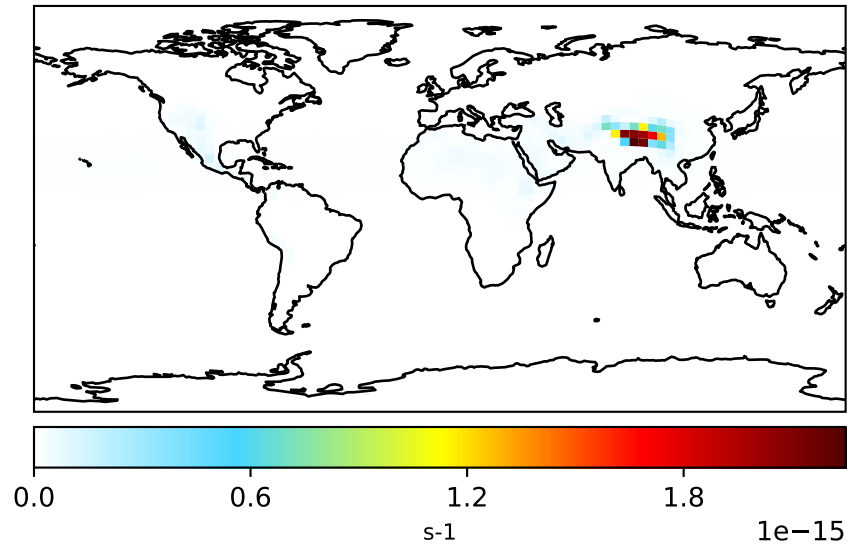


Ratio
Dev/Ref, Fixed Range

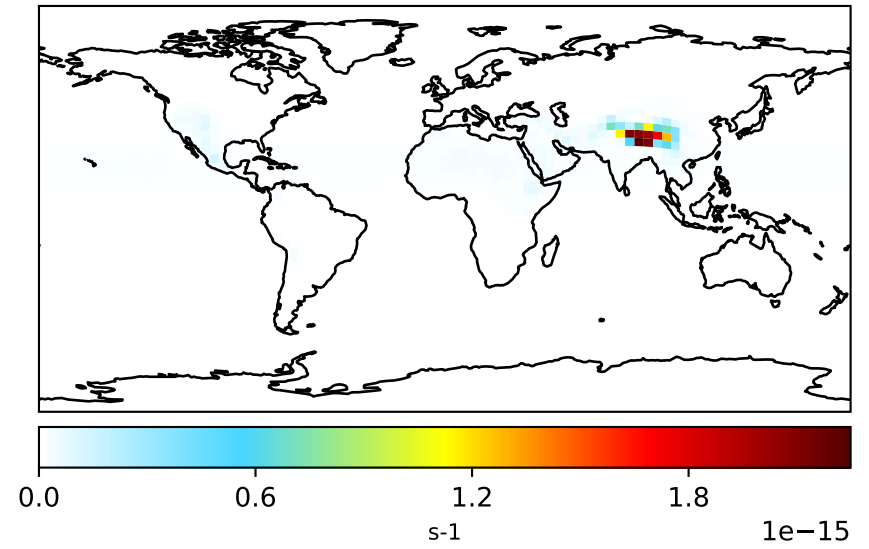


Jval_CFC12

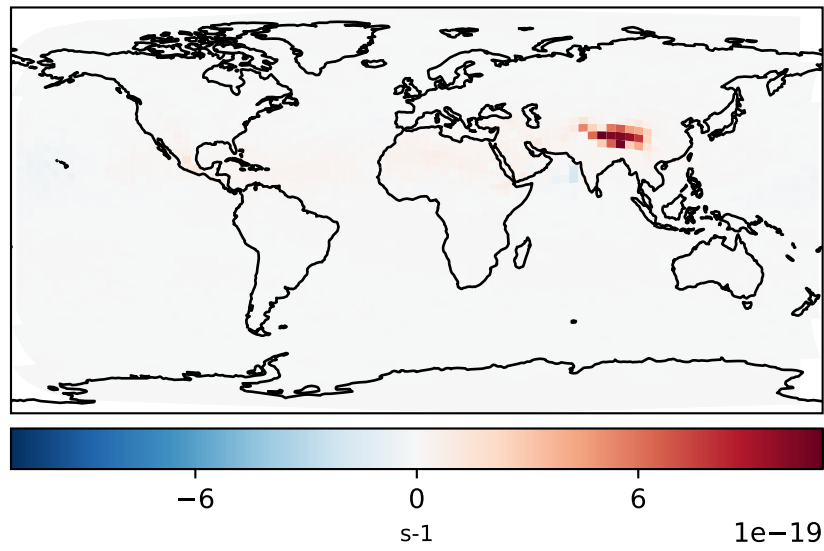
Processed GEOS-FP input, 3-hr winds (Ref)
c24



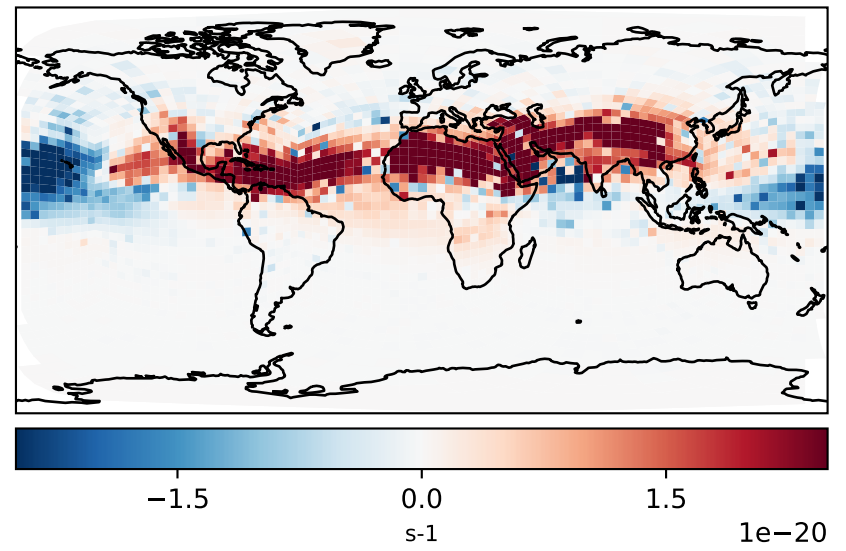
Raw GEOS-FP input, 3-hr winds (Dev)
c24



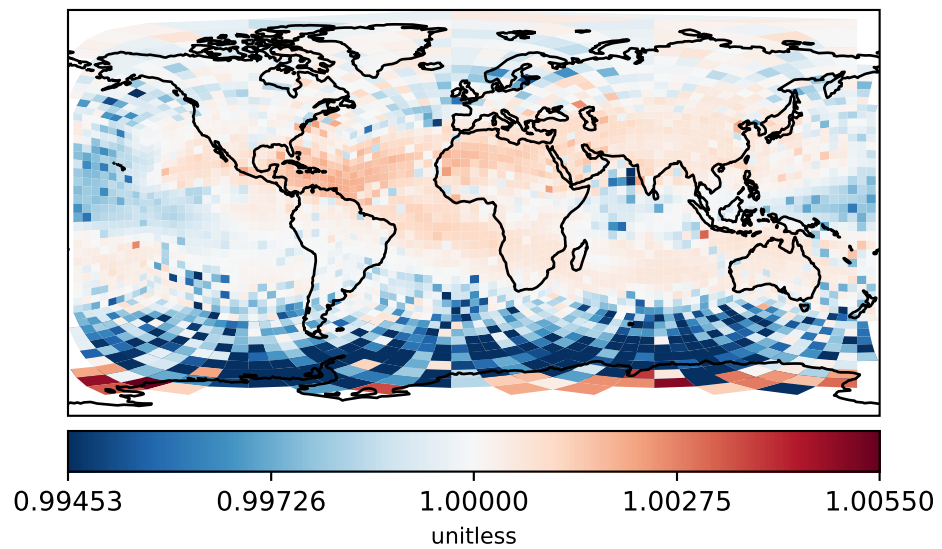
Difference
Dev - Ref, Dynamic Range



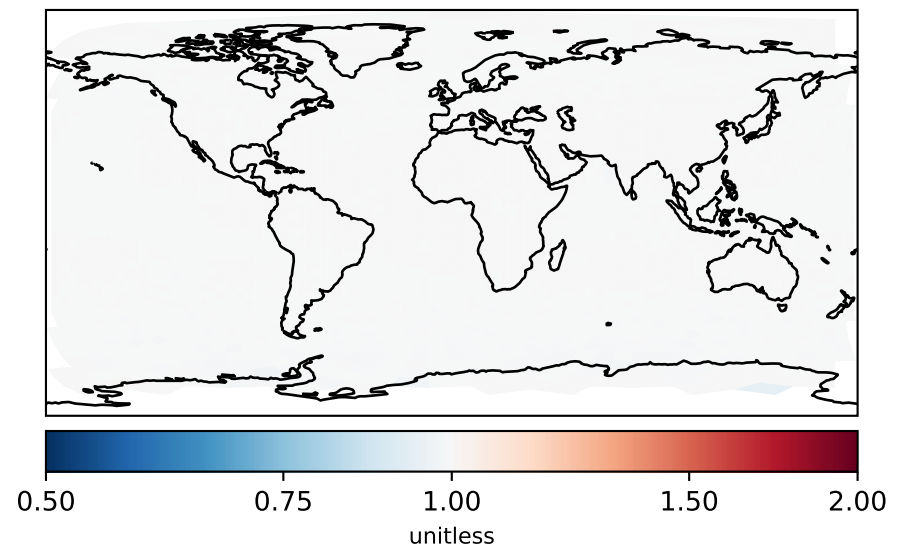
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

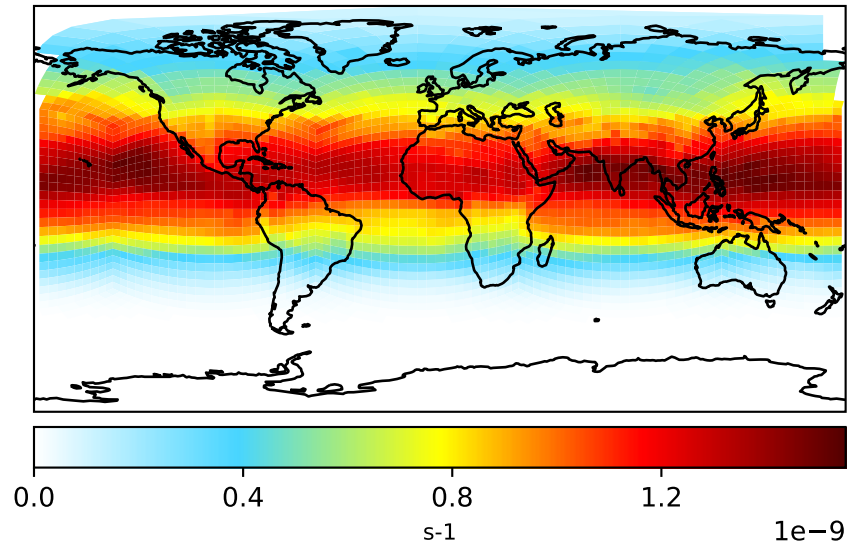


Ratio
Dev/Ref, Fixed Range

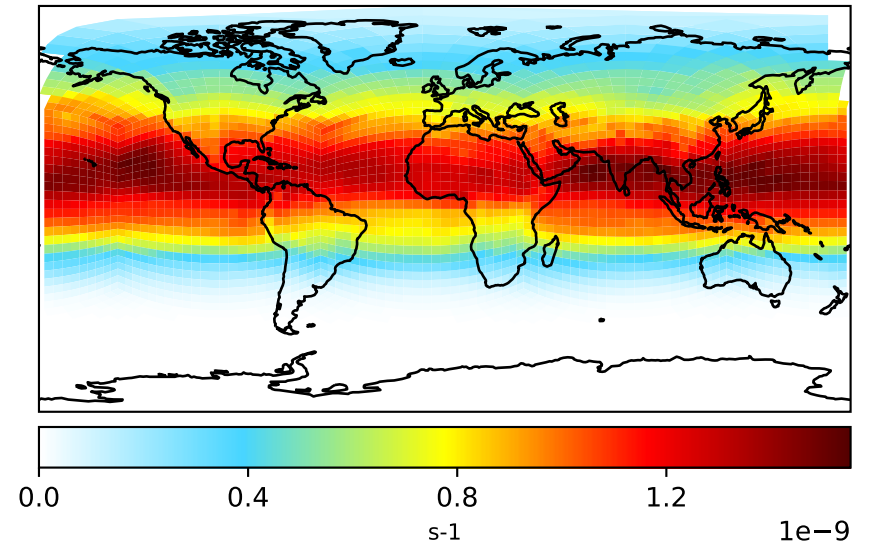


Jval_CH2Br2

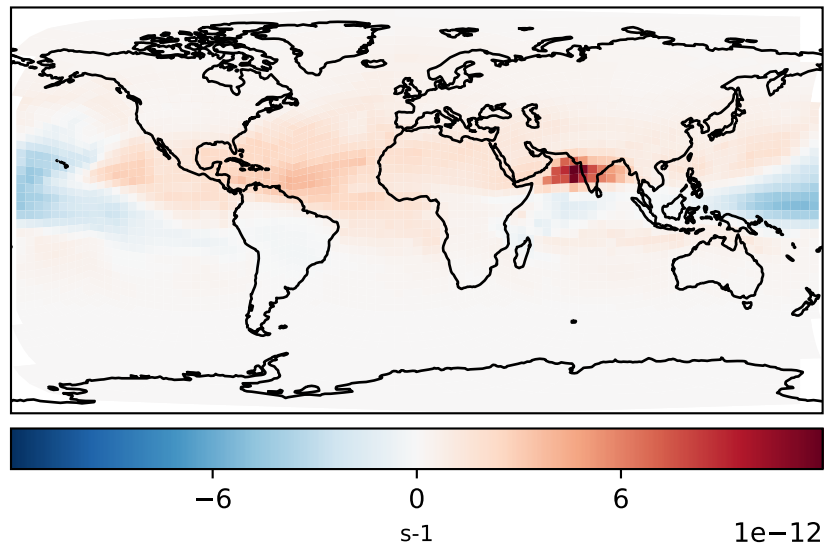
Processed GEOS-FP input, 3-hr winds (Ref)
c24



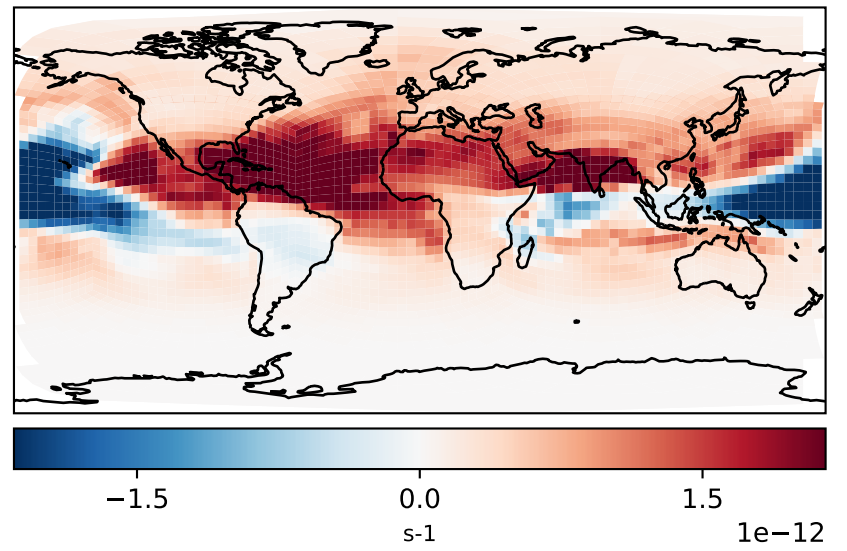
Raw GEOS-FP input, 3-hr winds (Dev)
c24



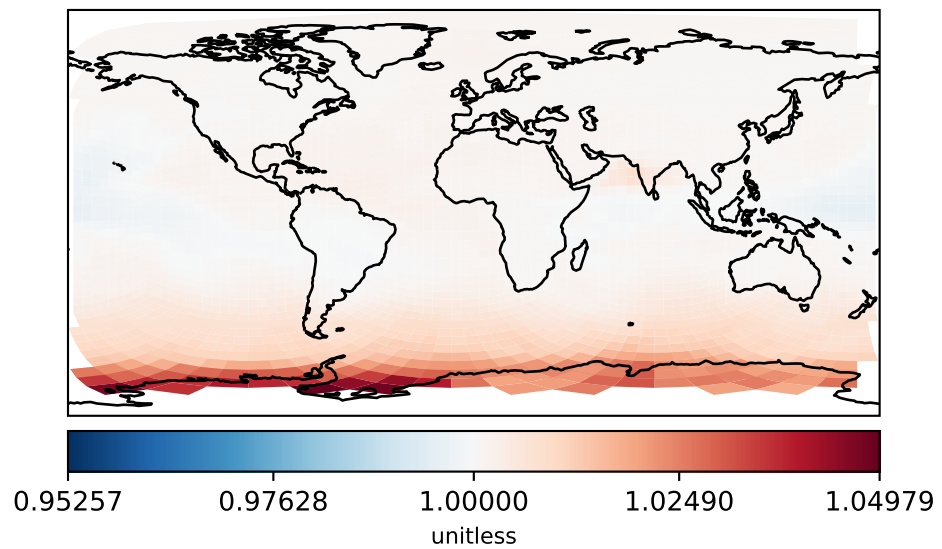
Difference
Dev - Ref, Dynamic Range



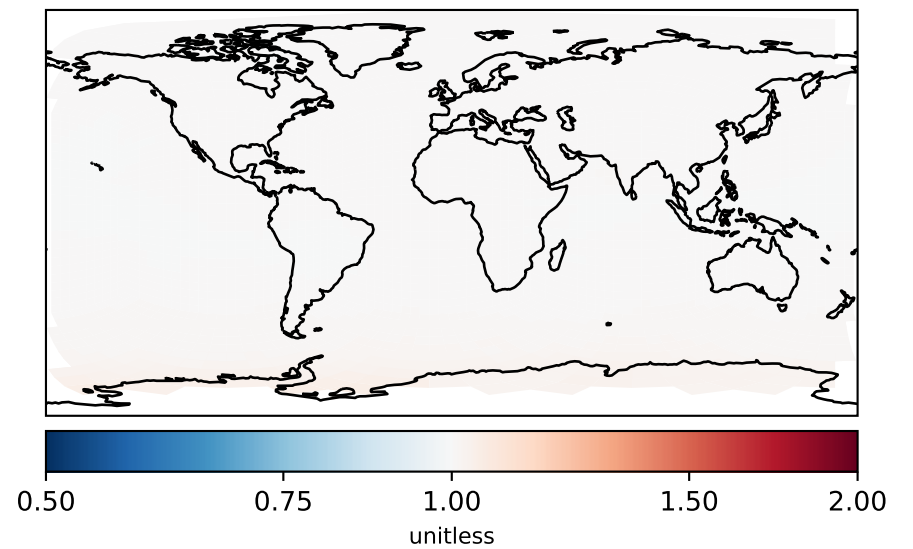
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

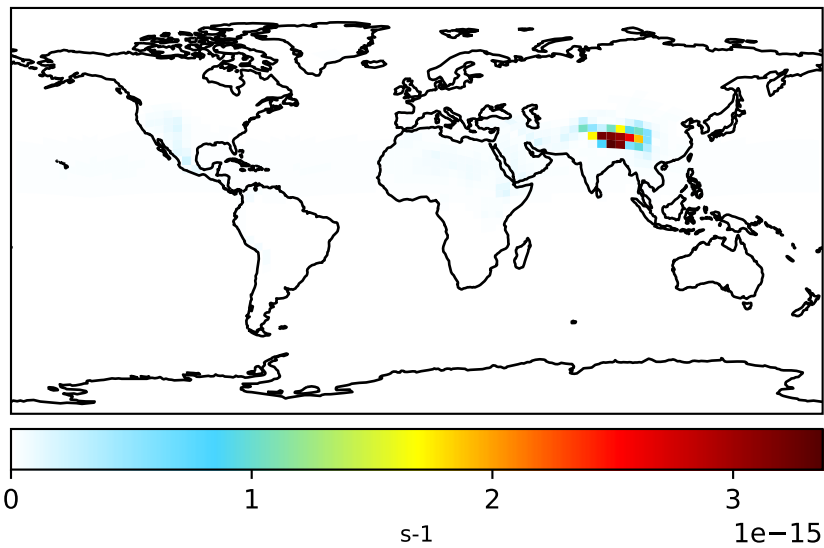


Ratio
Dev/Ref, Fixed Range

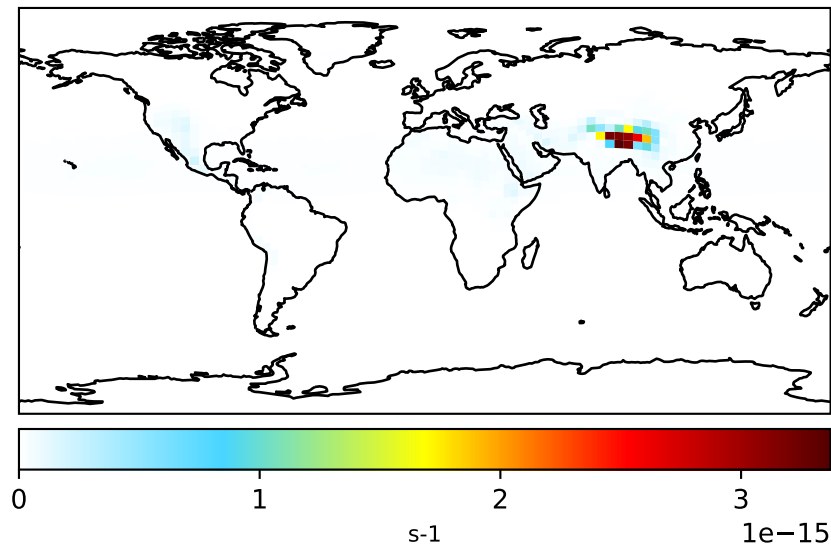


Jval_CH2Cl2

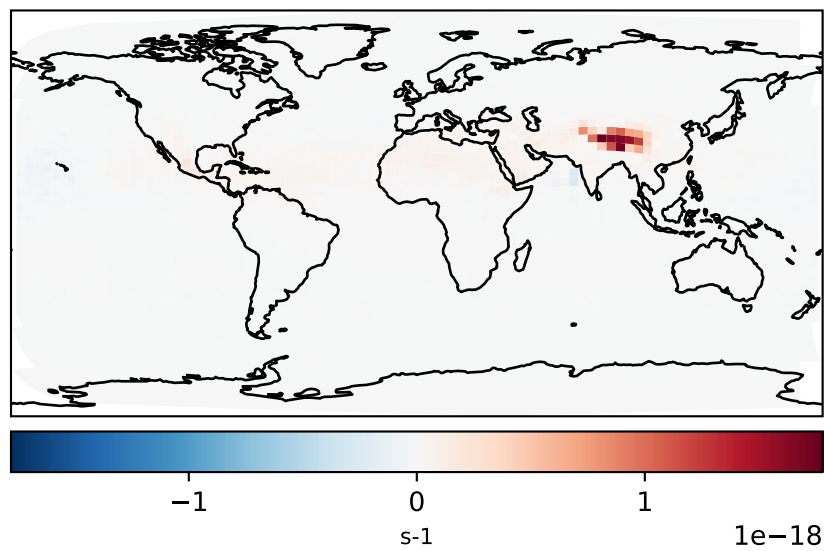
Processed GEOS-FP input, 3-hr winds (Ref)
c24



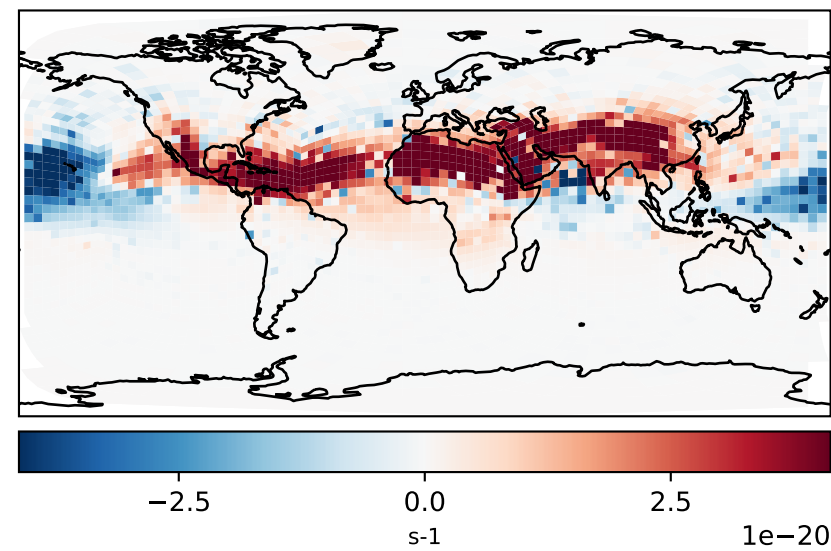
Raw GEOS-FP input, 3-hr winds (Dev)
c24



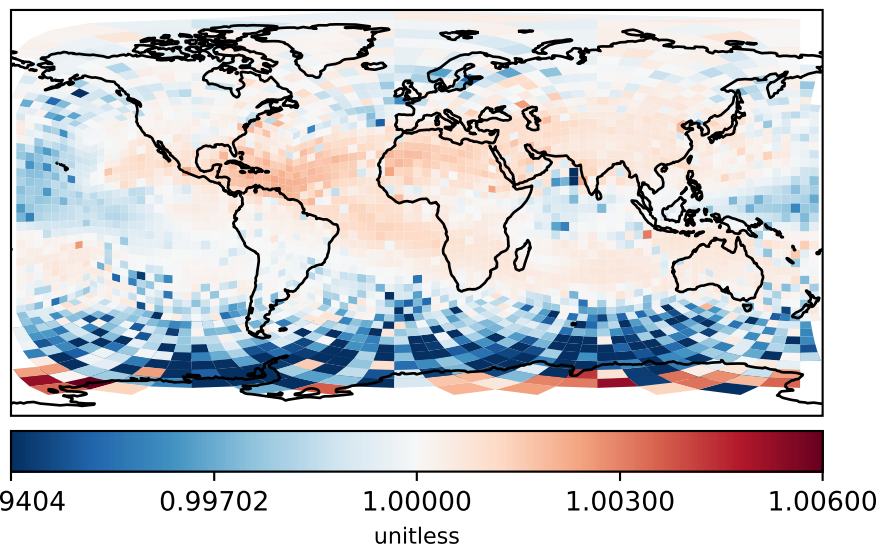
Difference
Dev - Ref, Dynamic Range



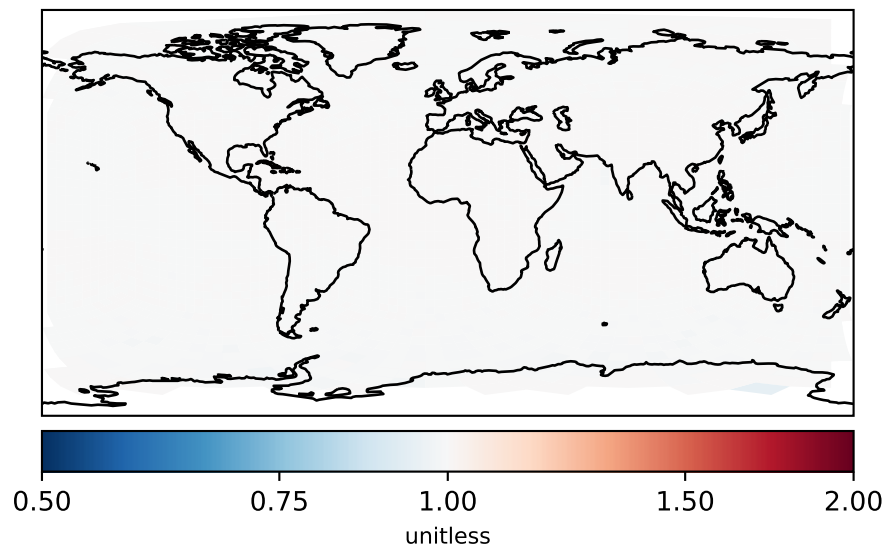
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

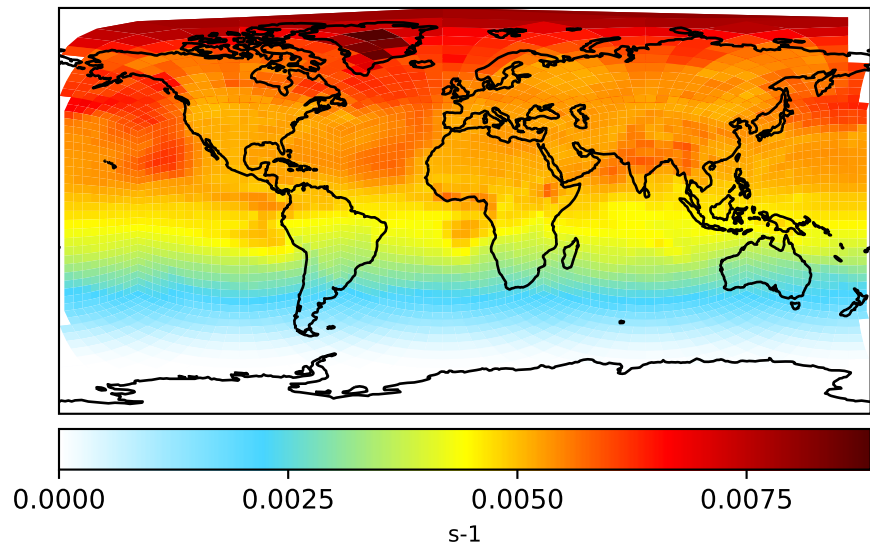


Ratio
Dev/Ref, Fixed Range

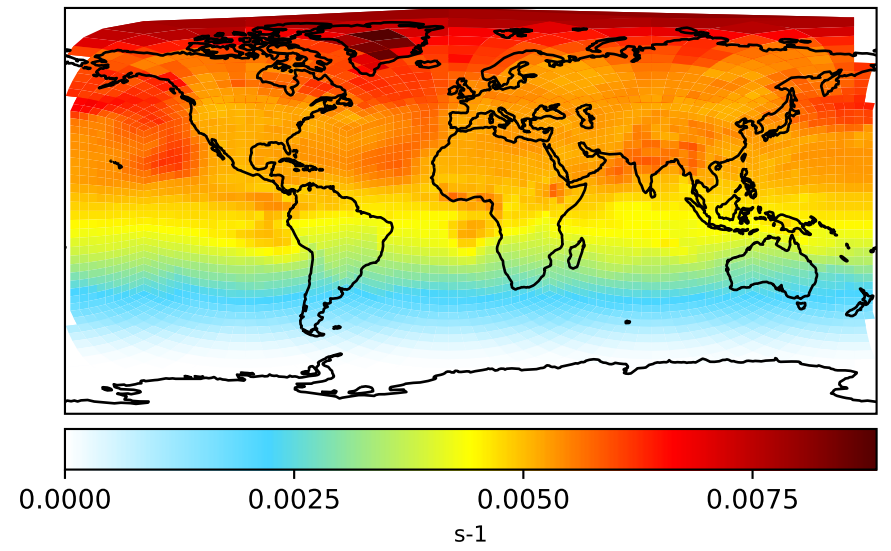


Jval_CH2I2

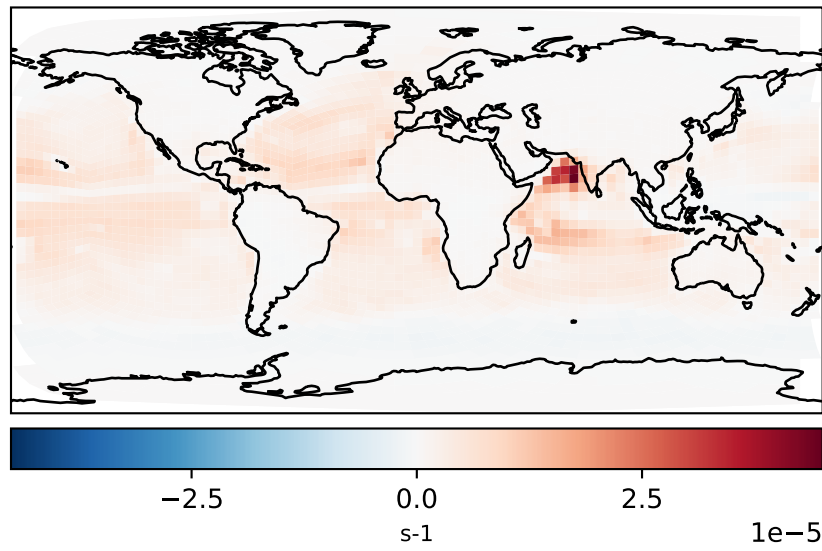
Processed GEOS-FP input, 3-hr winds (Ref)
c24



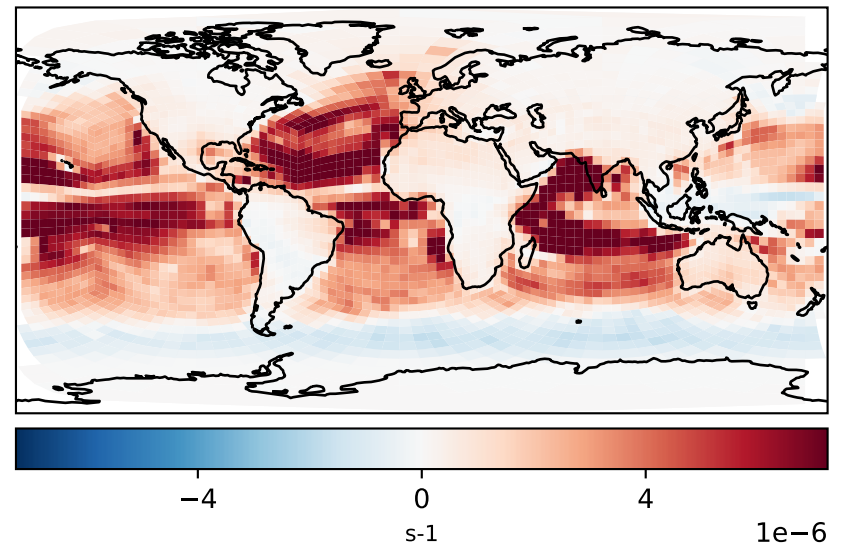
Raw GEOS-FP input, 3-hr winds (Dev)
c24



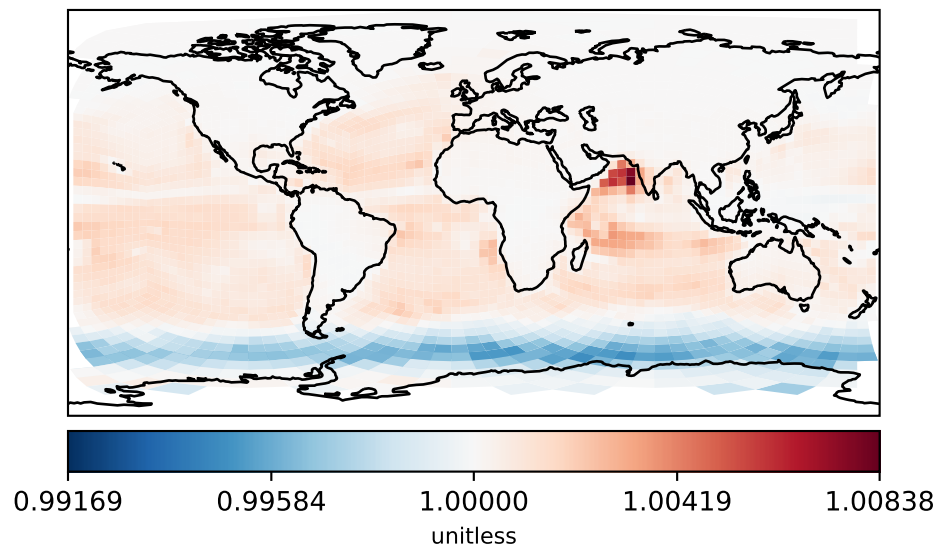
Difference
Dev - Ref, Dynamic Range



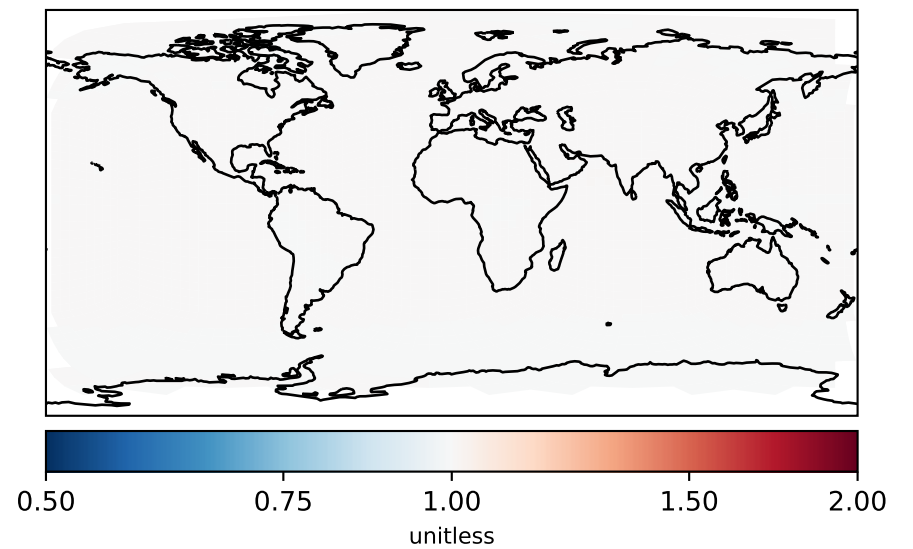
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

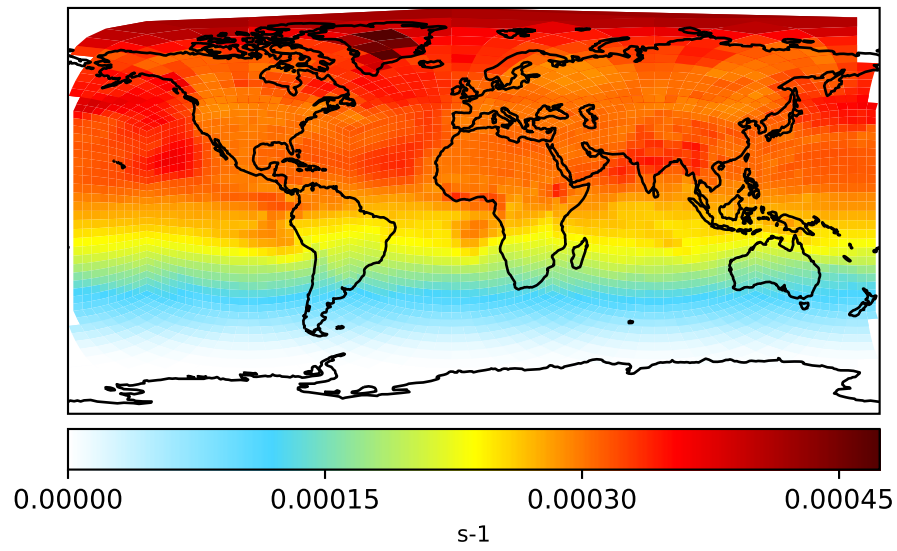


Ratio
Dev/Ref, Fixed Range

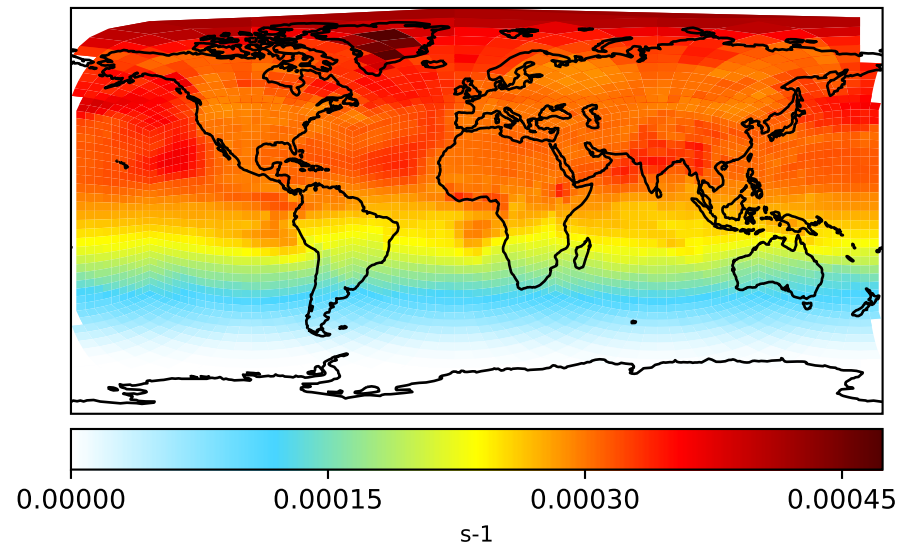


Jval_CH2IBr

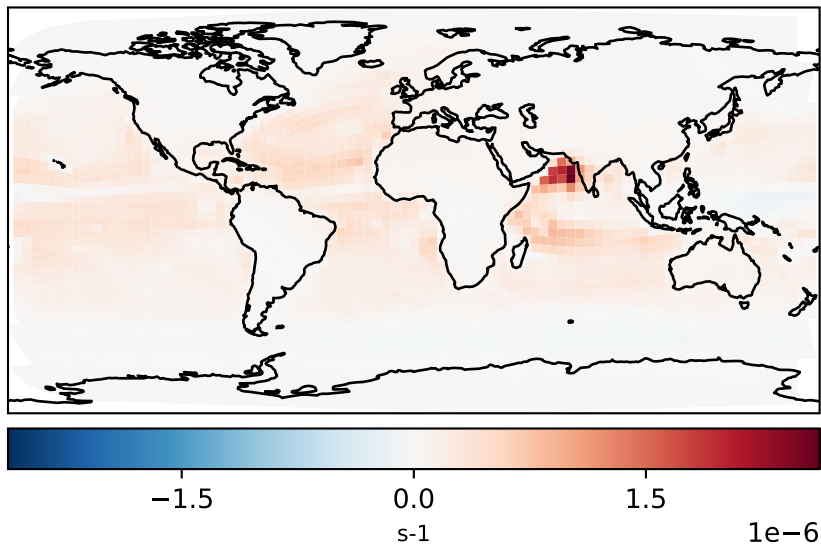
Processed GEOS-FP input, 3-hr winds (Ref)
c24



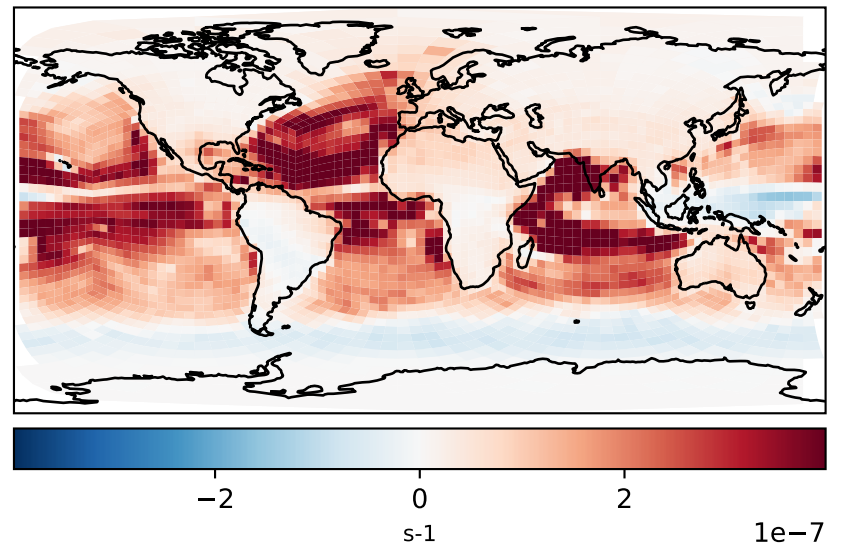
Raw GEOS-FP input, 3-hr winds (Dev)
c24



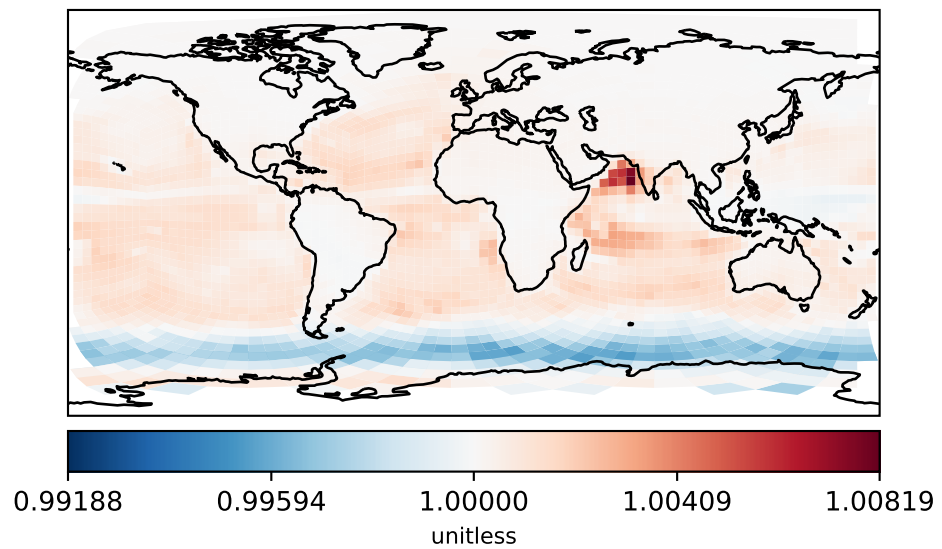
Difference
Dev - Ref, Dynamic Range



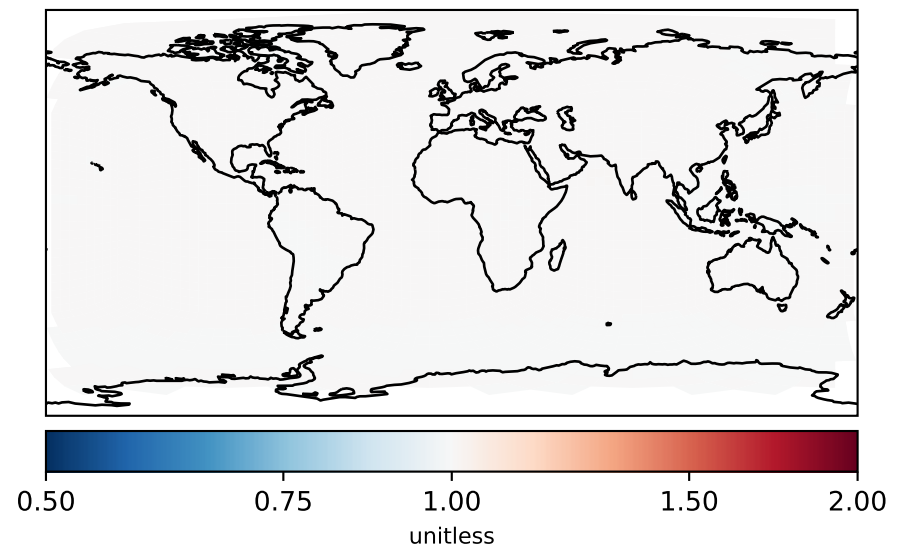
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

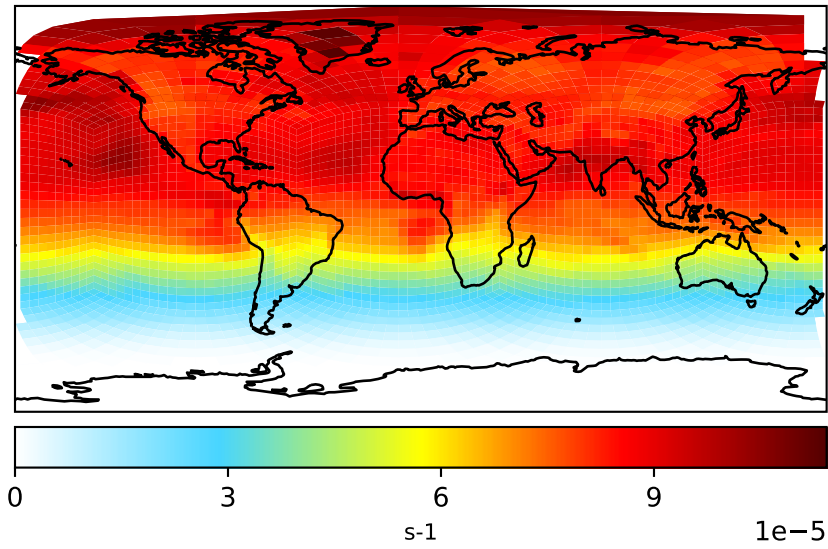


Ratio
Dev/Ref, Fixed Range

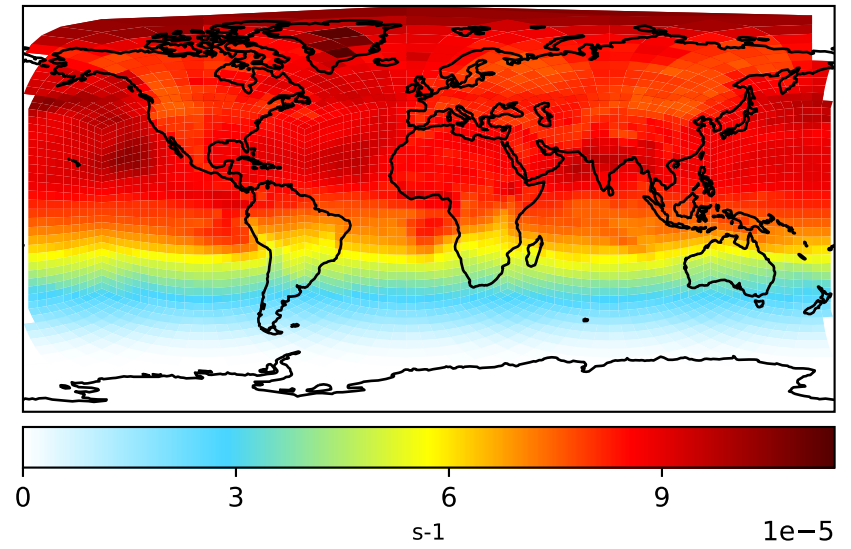


Jval_CH2ICI

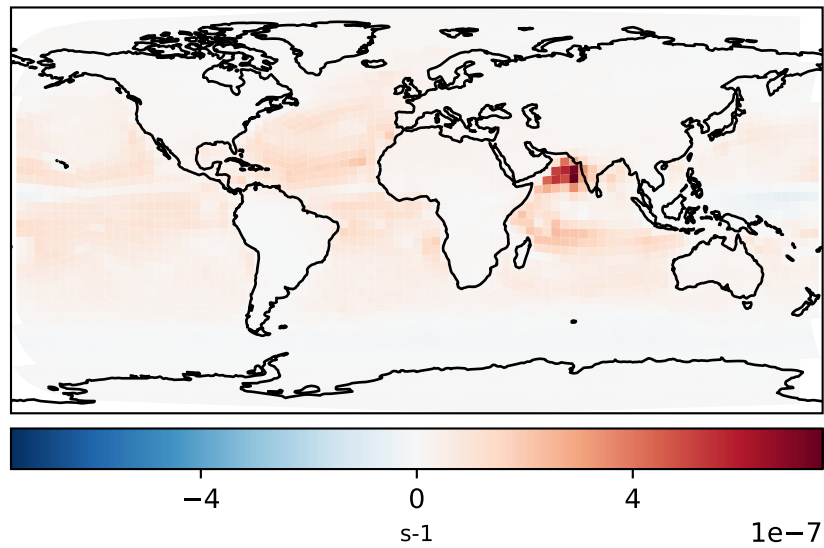
Processed GEOS-FP input, 3-hr winds (Ref)
c24



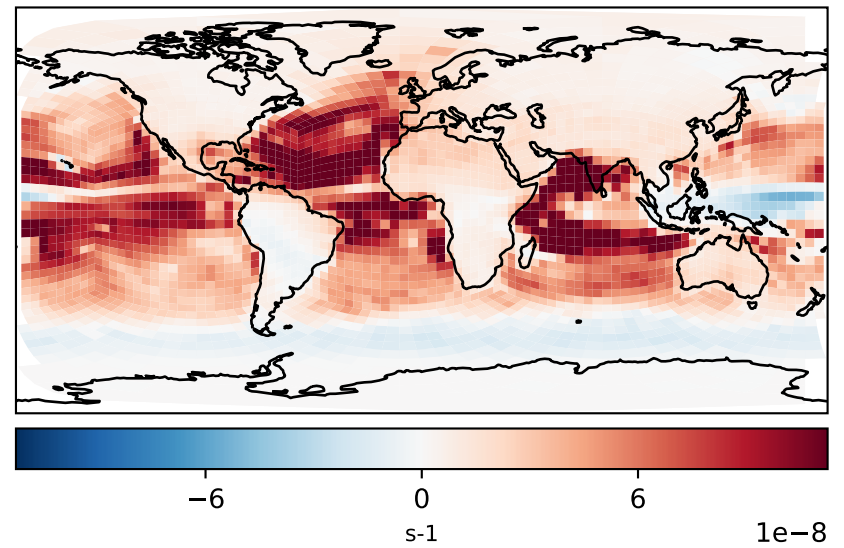
Raw GEOS-FP input, 3-hr winds (Dev)
c24



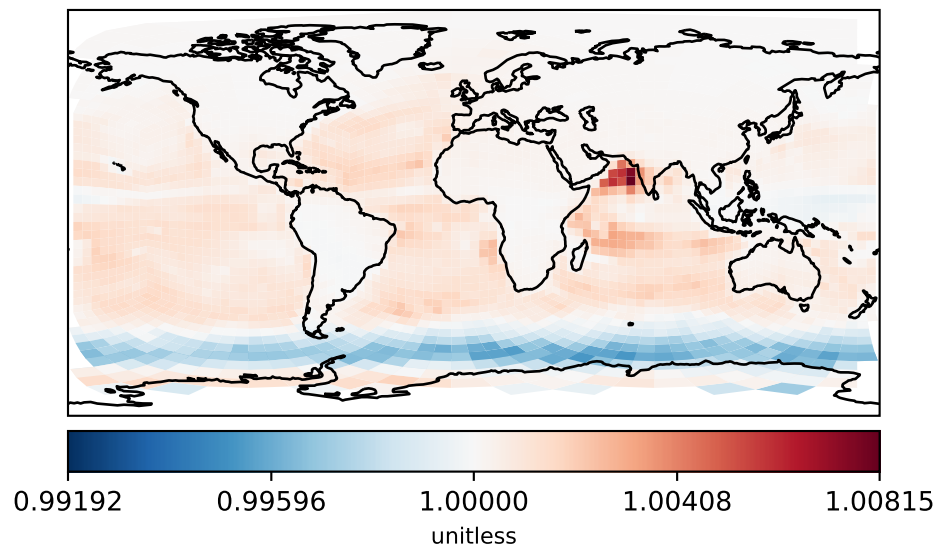
Difference
Dev - Ref, Dynamic Range



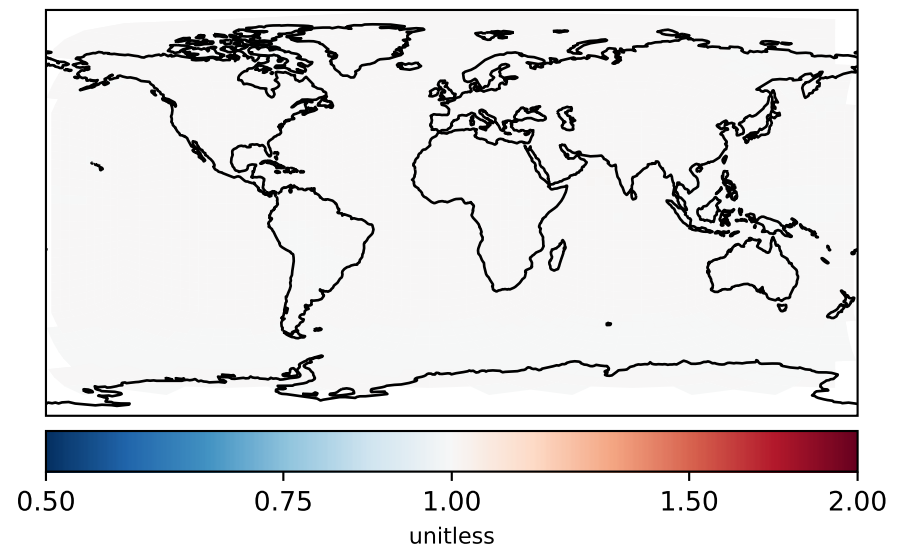
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

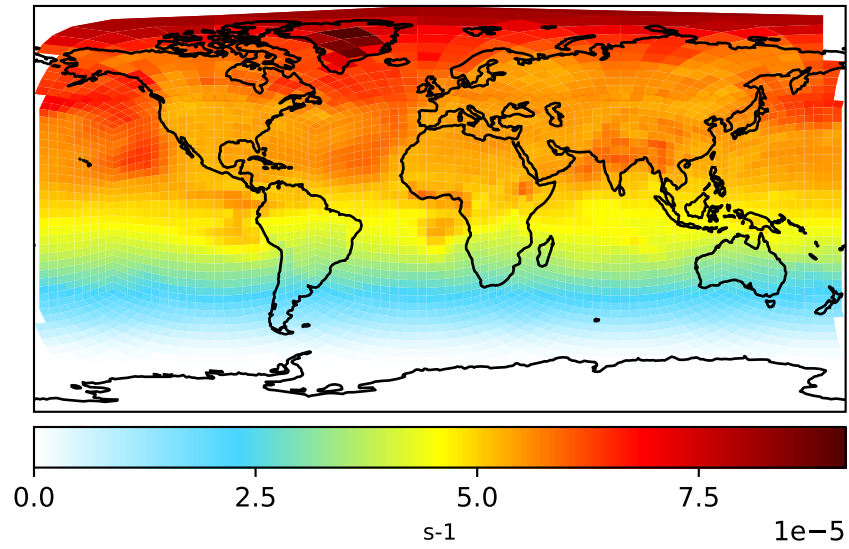


Ratio
Dev/Ref, Fixed Range

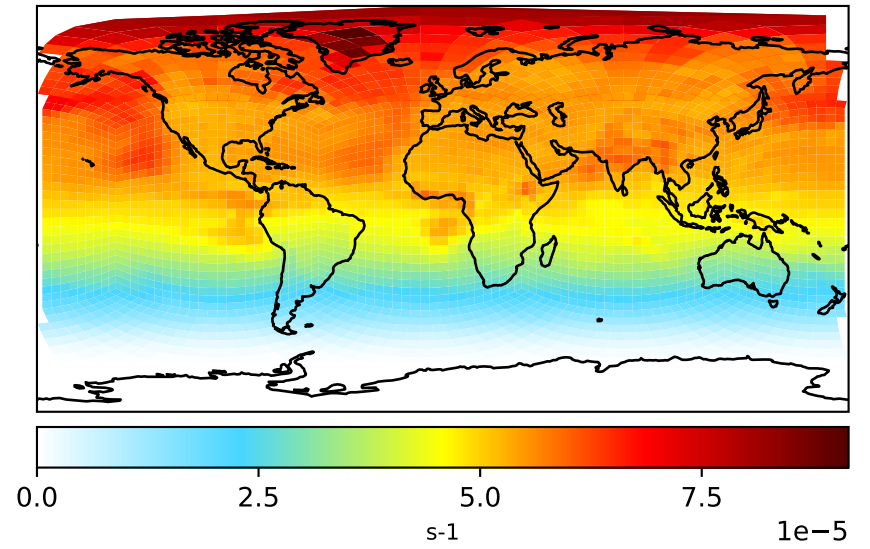


Jval_CH20

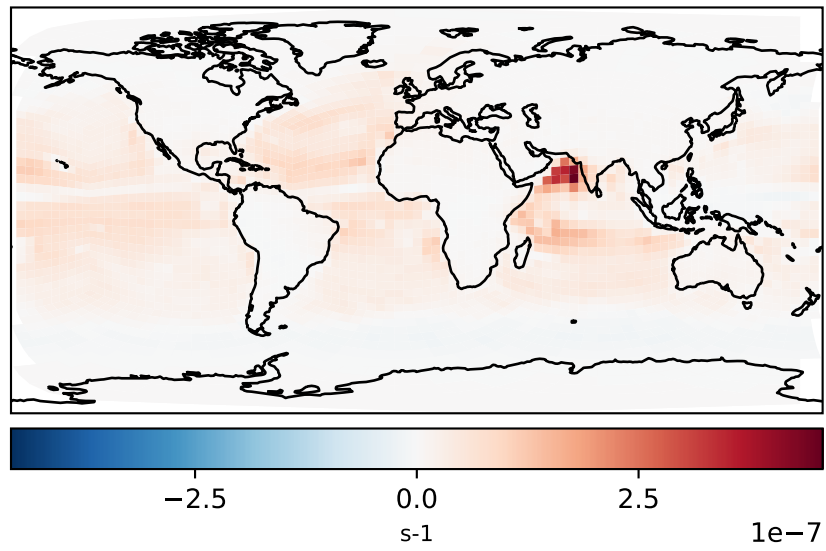
Processed GEOS-FP input, 3-hr winds (Ref)
c24



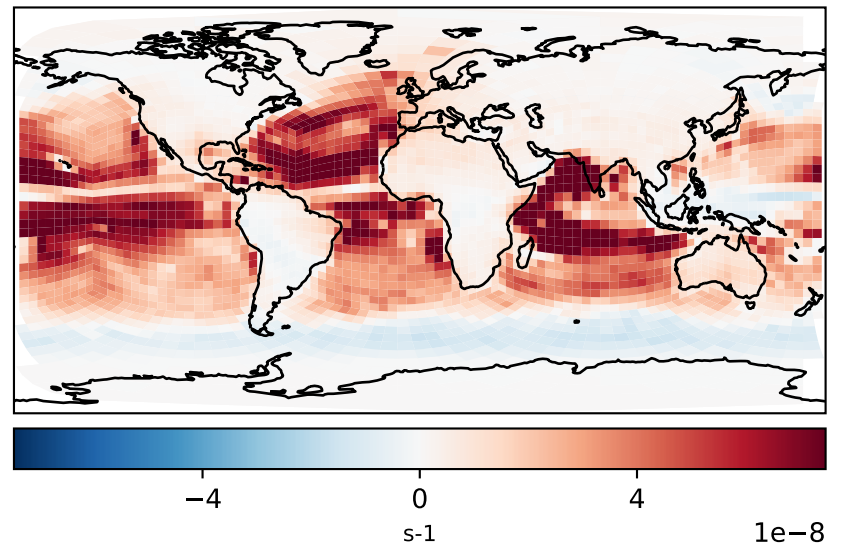
Raw GEOS-FP input, 3-hr winds (Dev)
c24



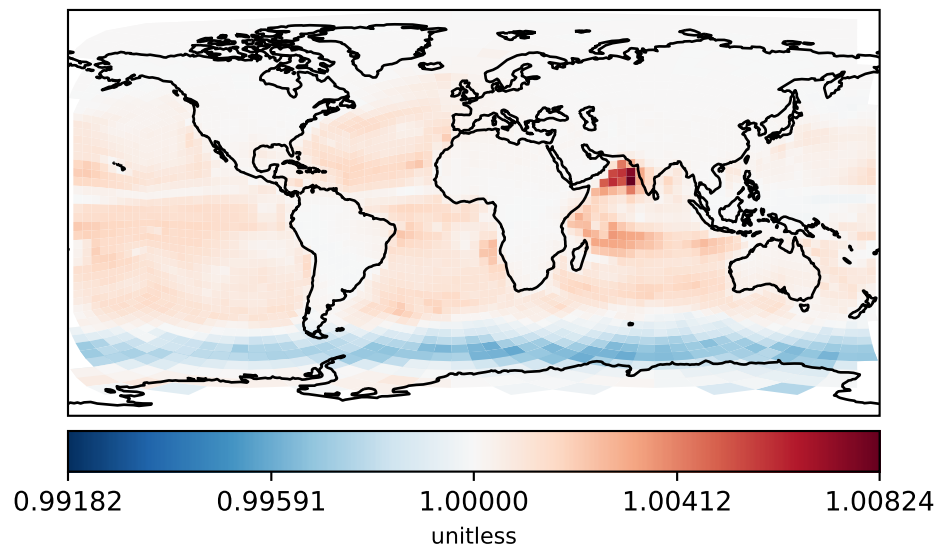
Difference
Dev - Ref, Dynamic Range



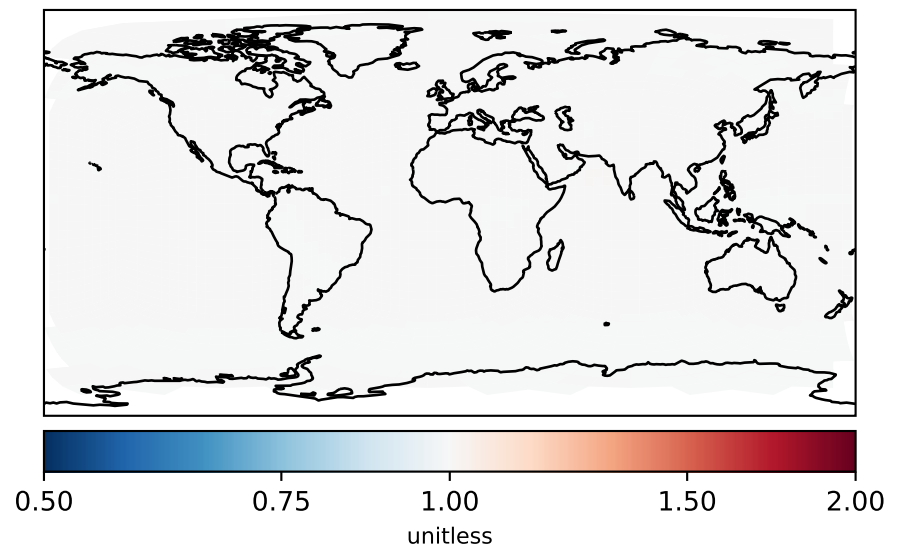
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

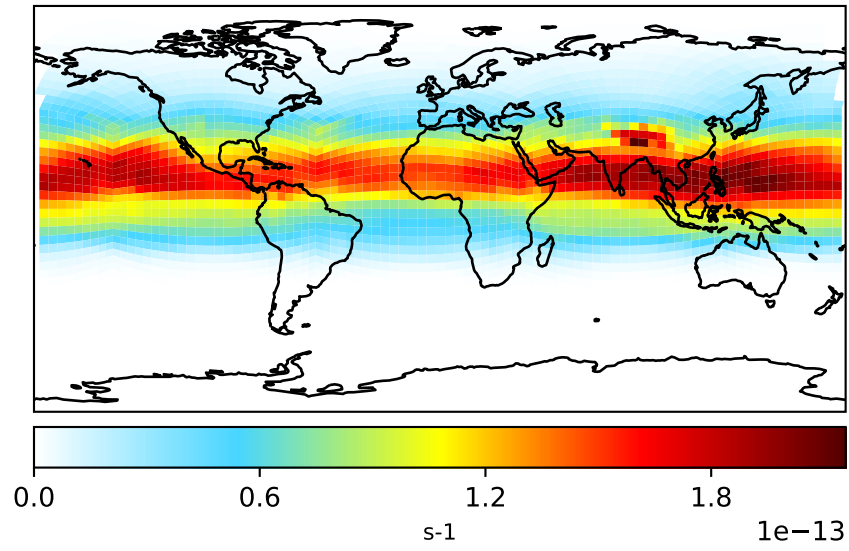


Ratio
Dev/Ref, Fixed Range

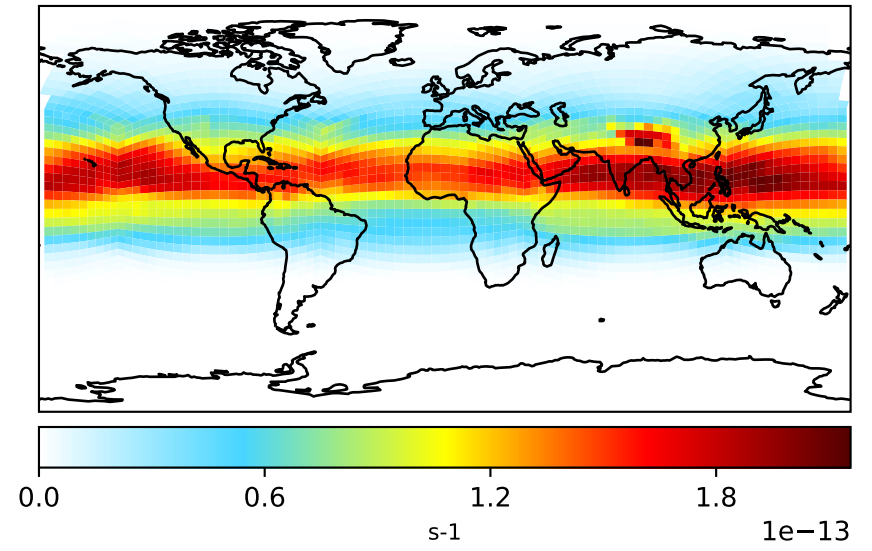


Jval_CH3Br

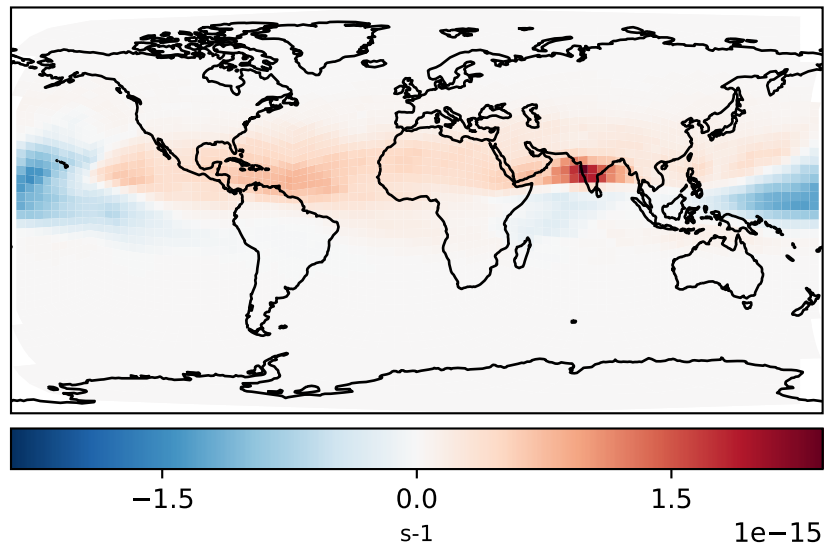
Processed GEOS-FP input, 3-hr winds (Ref)
c24



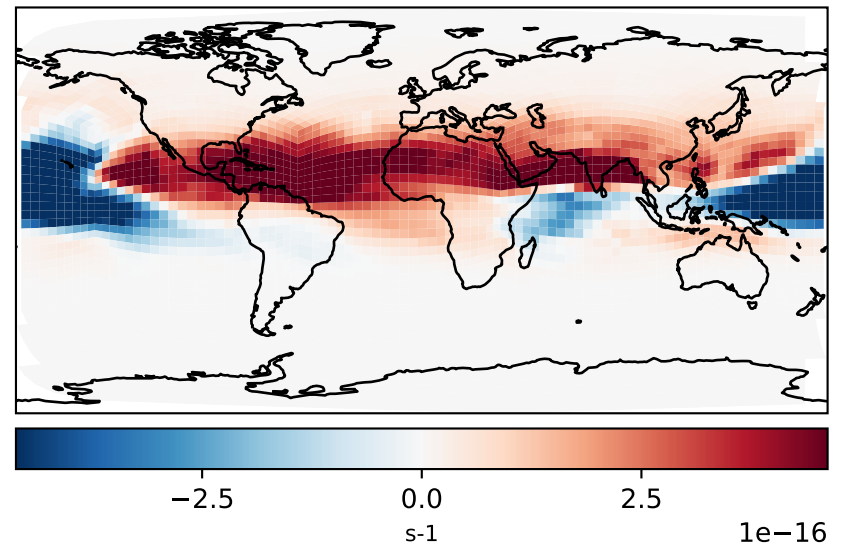
Raw GEOS-FP input, 3-hr winds (Dev)
c24



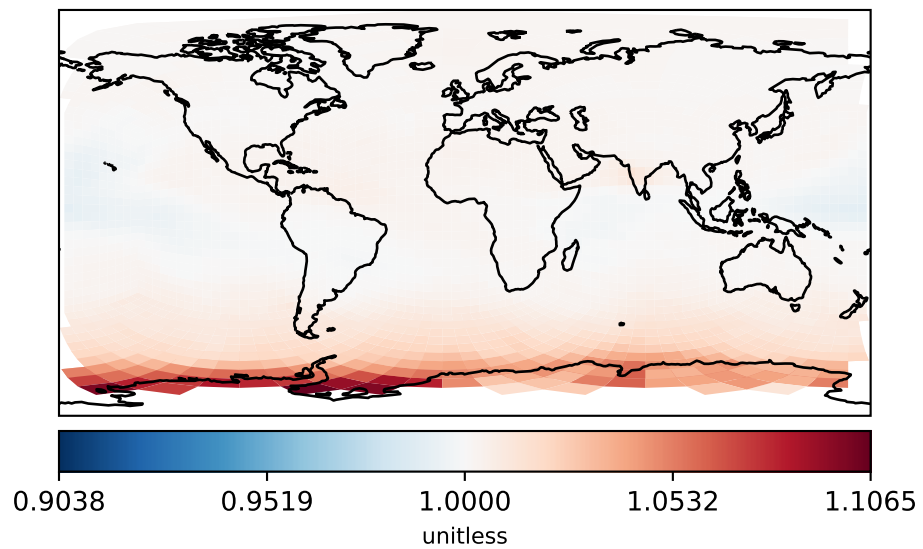
Difference
Dev - Ref, Dynamic Range



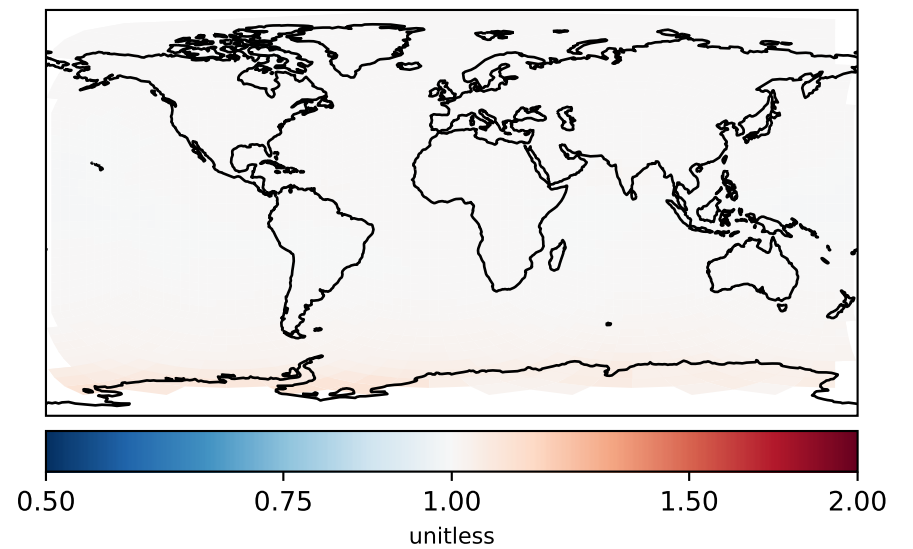
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

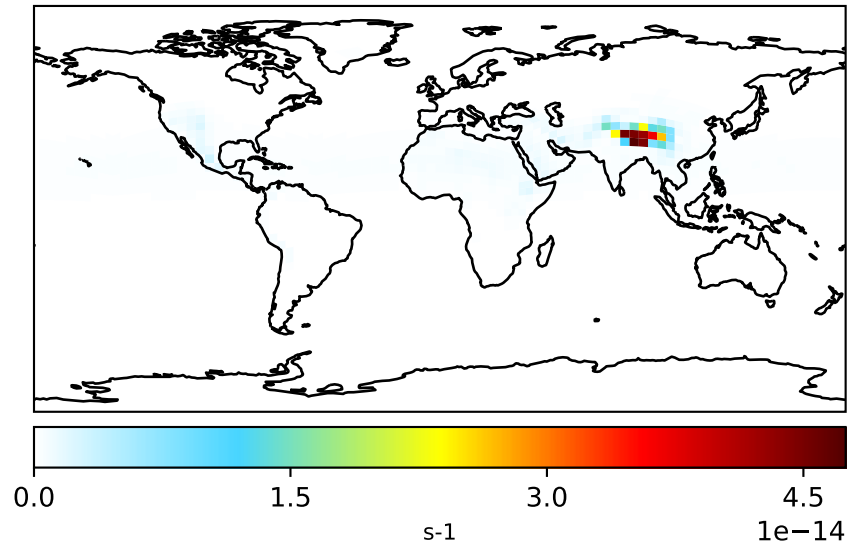


Ratio
Dev/Ref, Fixed Range

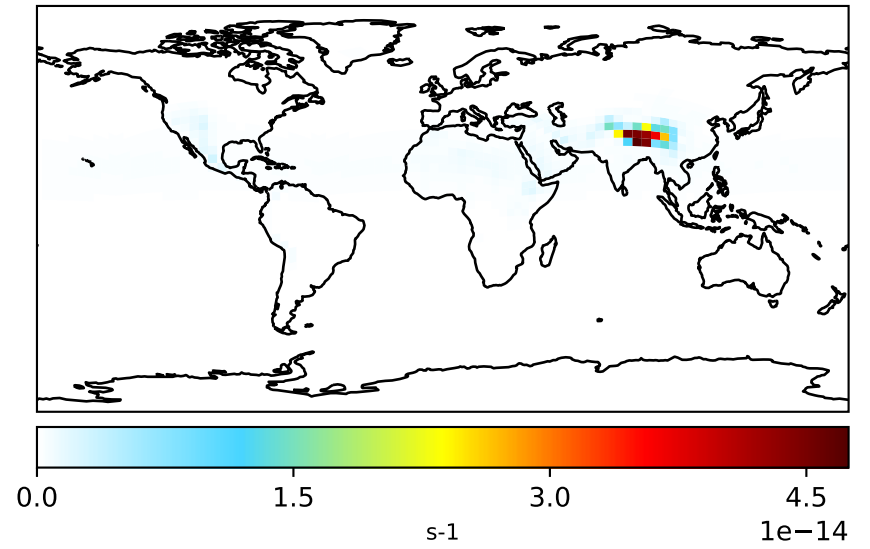


Jval_CH3CCI3

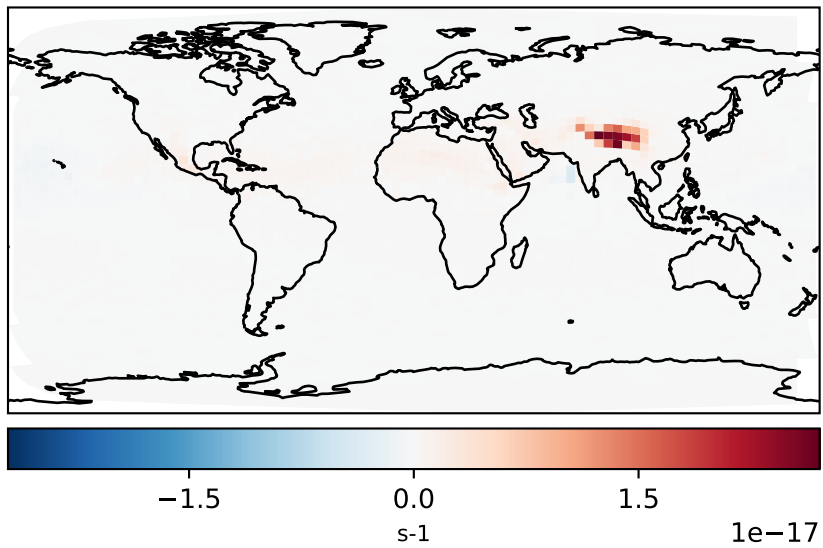
Processed GEOS-FP input, 3-hr winds (Ref)
c24



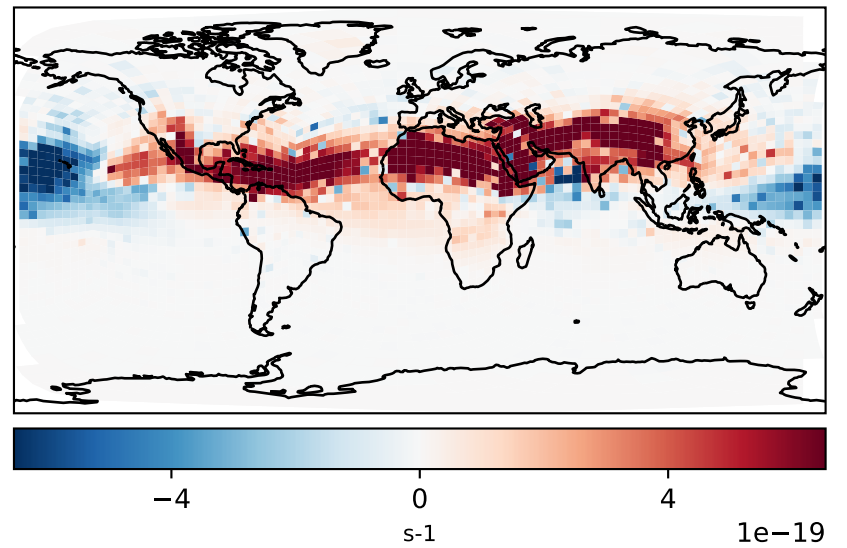
Raw GEOS-FP input, 3-hr winds (Dev)
c24



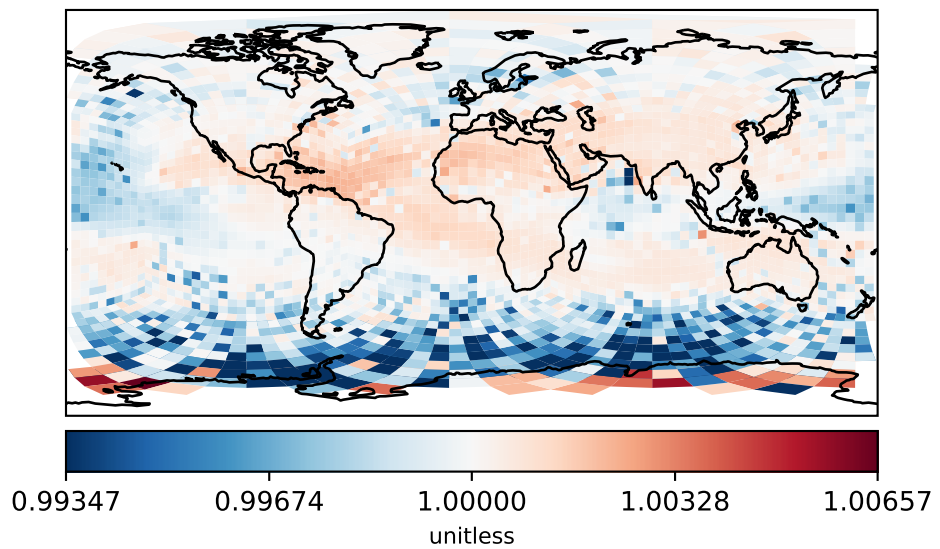
Difference
Dev - Ref, Dynamic Range



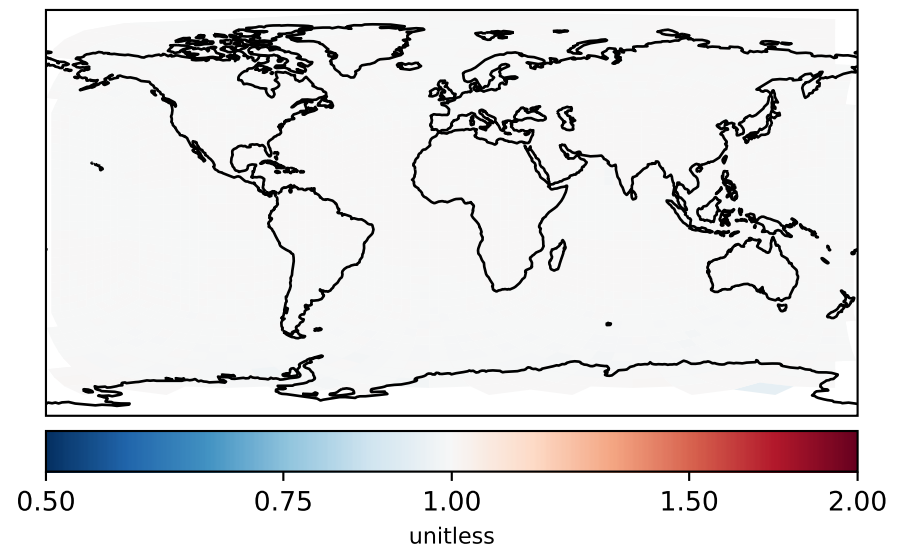
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

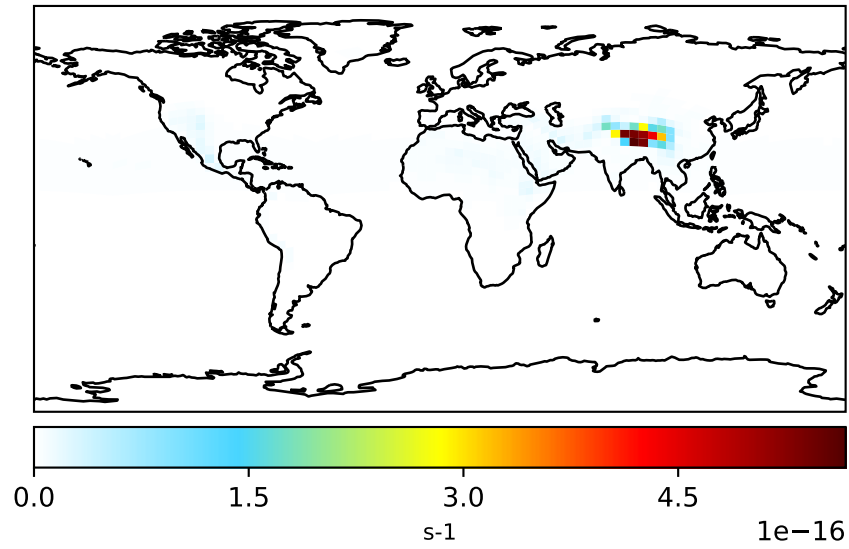


Ratio
Dev/Ref, Fixed Range

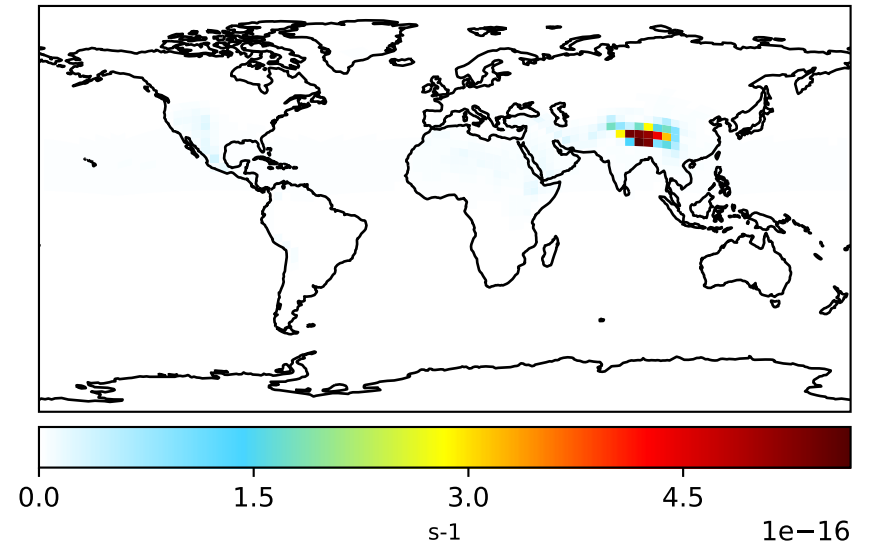


Jval_CH3Cl

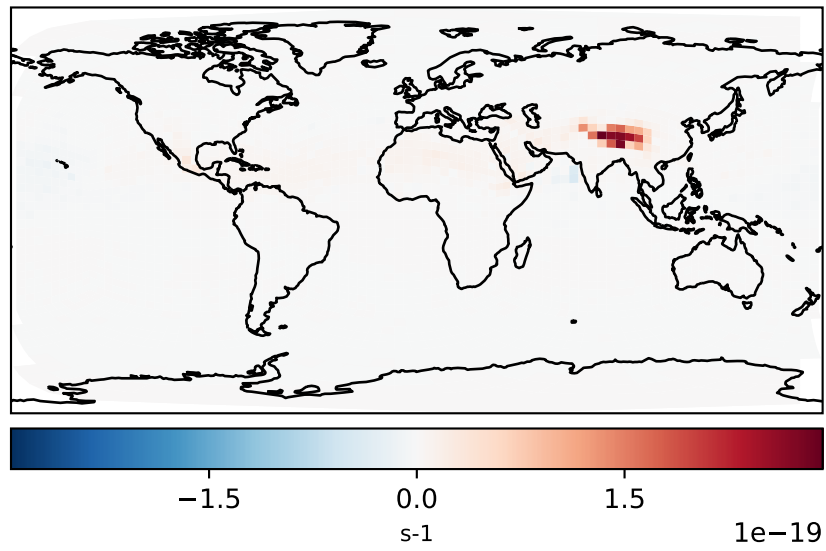
Processed GEOS-FP input, 3-hr winds (Ref)
c24



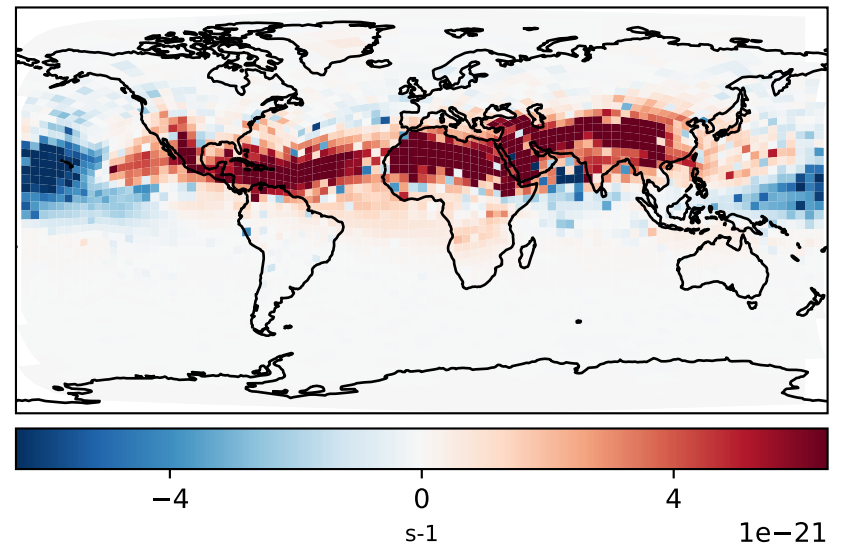
Raw GEOS-FP input, 3-hr winds (Dev)
c24



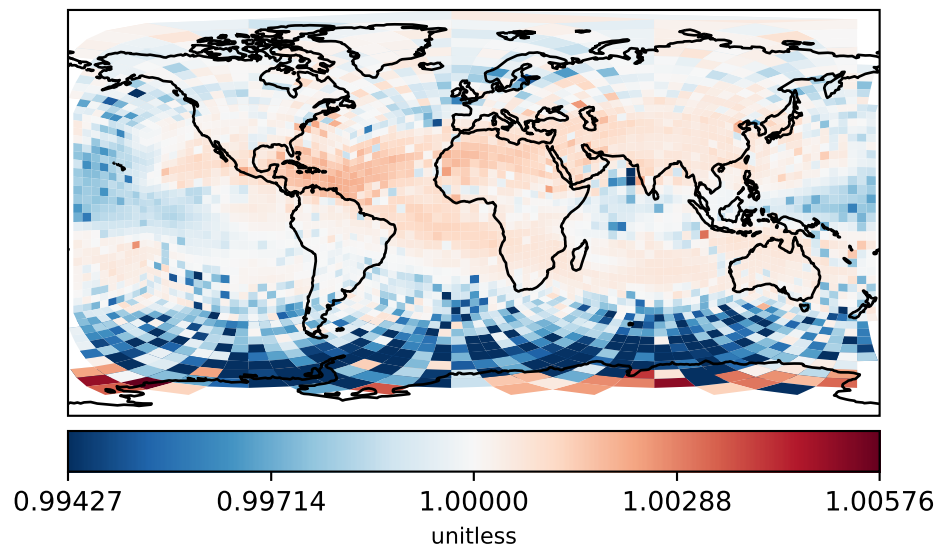
Difference
Dev - Ref, Dynamic Range



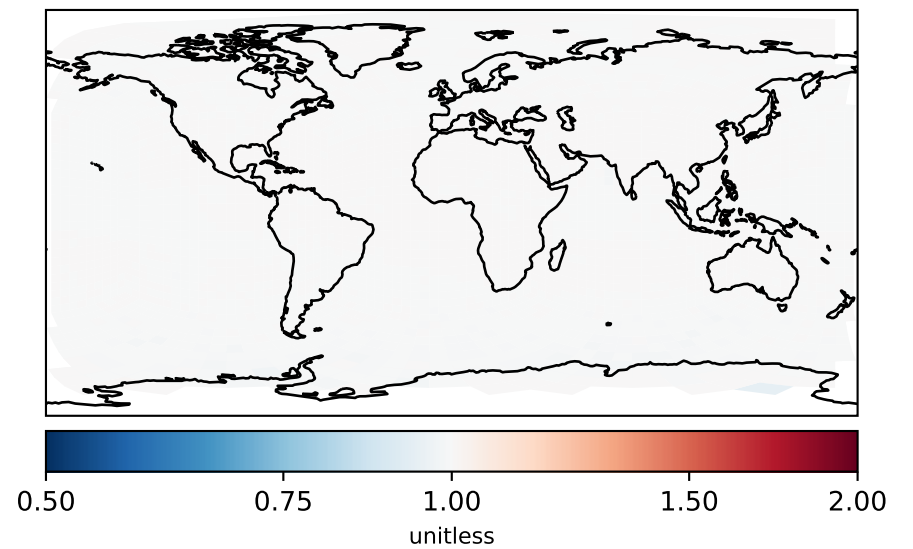
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

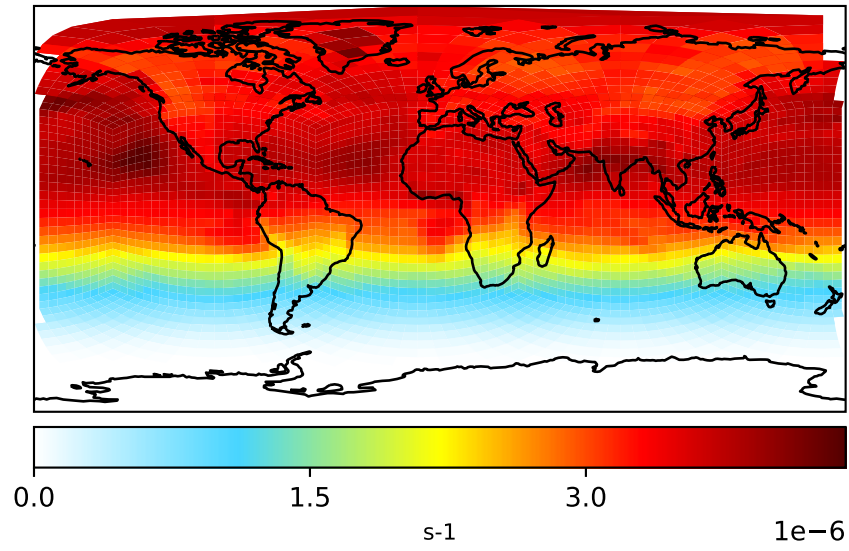


Ratio
Dev/Ref, Fixed Range

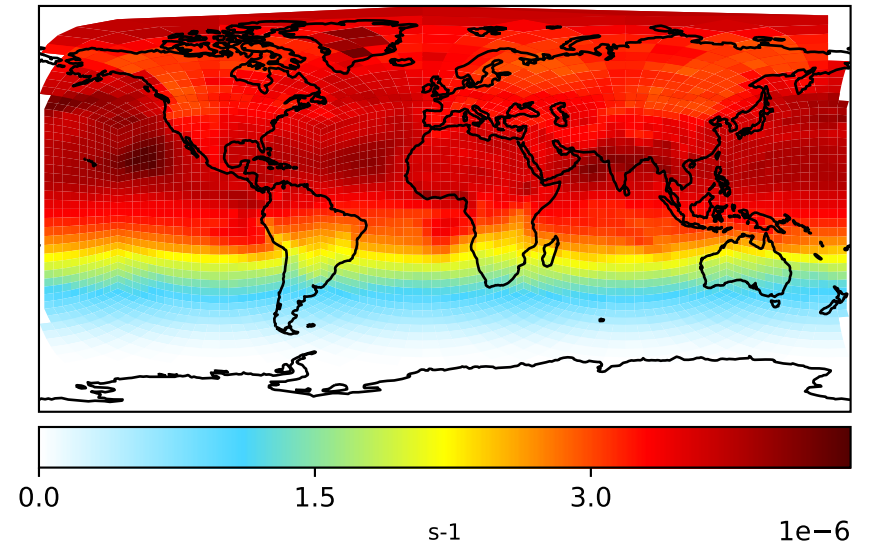


Jval_CH3I

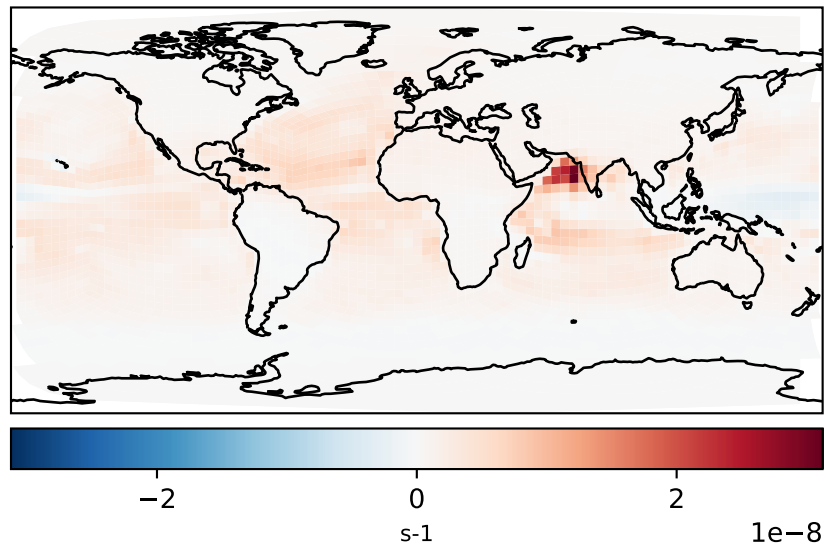
Processed GEOS-FP input, 3-hr winds (Ref)
c24



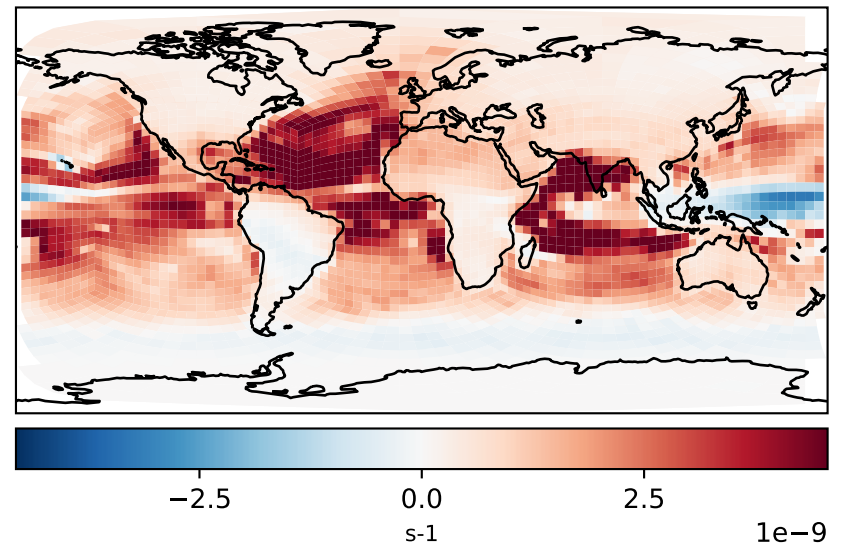
Raw GEOS-FP input, 3-hr winds (Dev)
c24



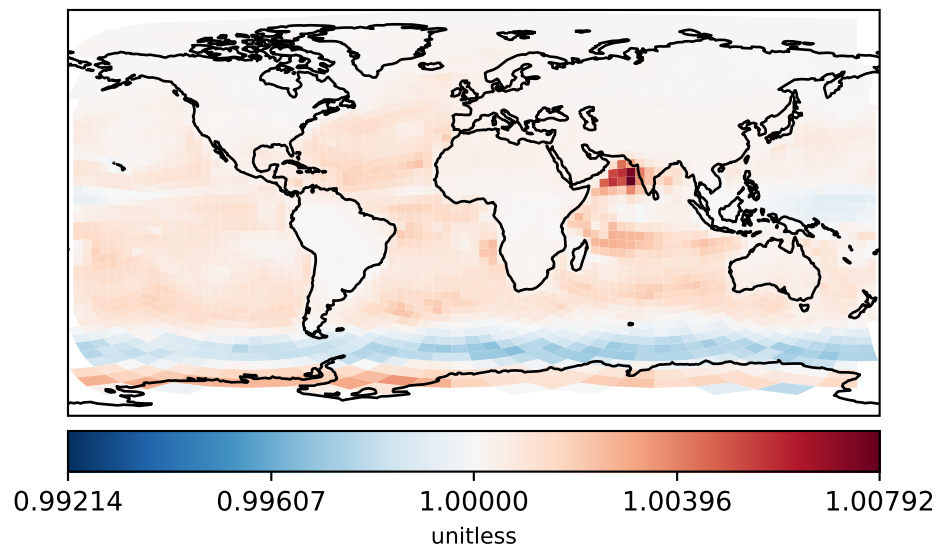
Difference
Dev - Ref, Dynamic Range



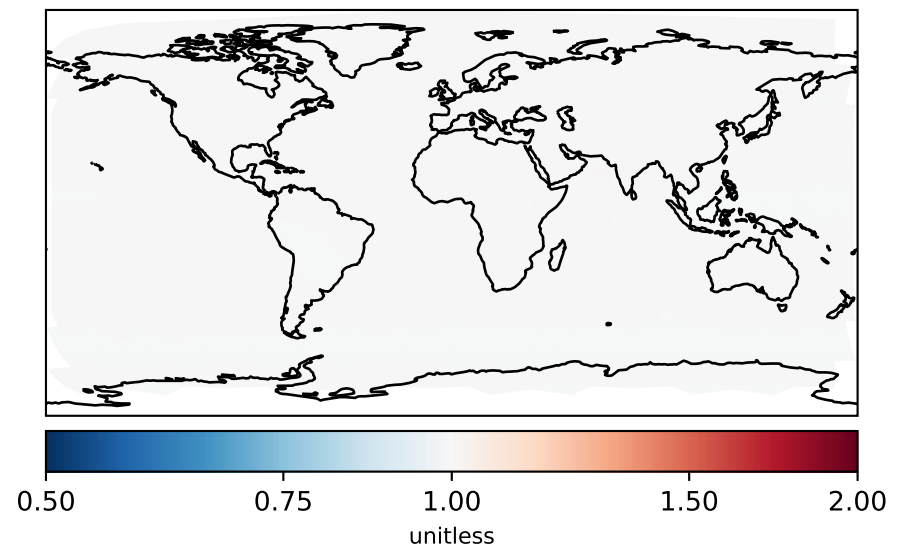
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

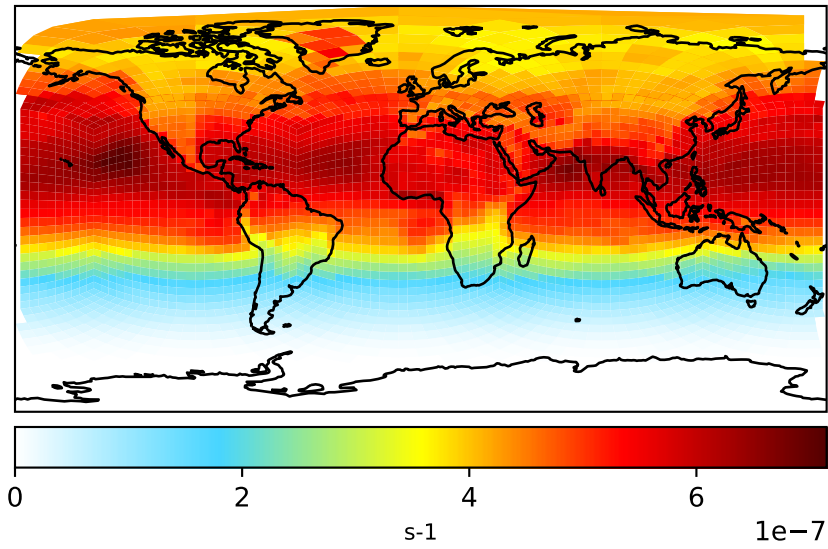


Ratio
Dev/Ref, Fixed Range

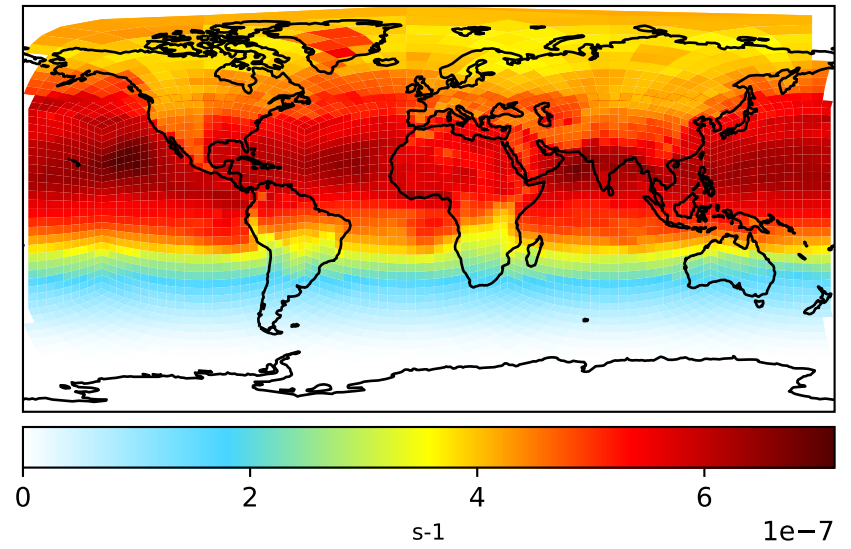


Jval_CHBr3

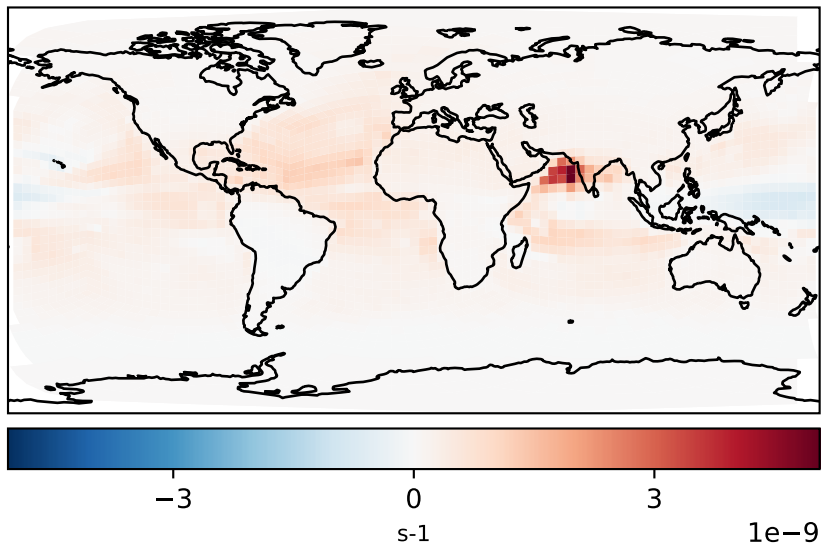
Processed GEOS-FP input, 3-hr winds (Ref)
c24



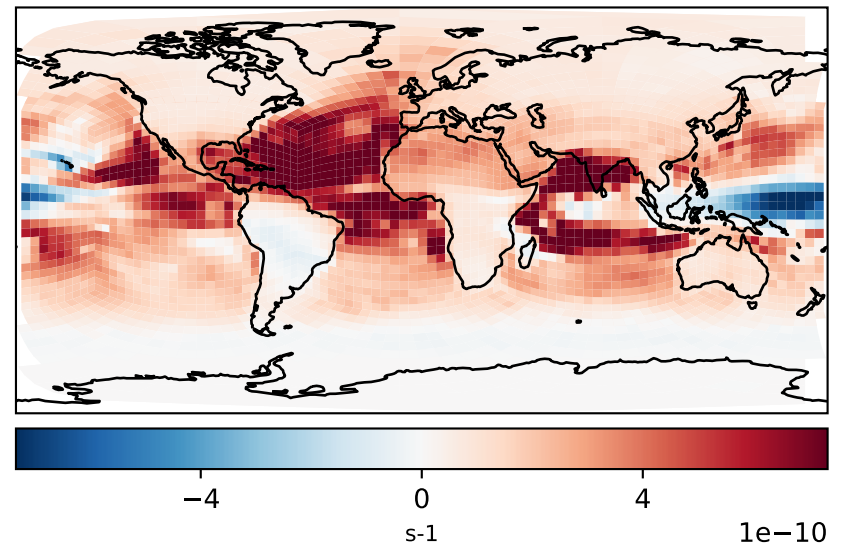
Raw GEOS-FP input, 3-hr winds (Dev)
c24



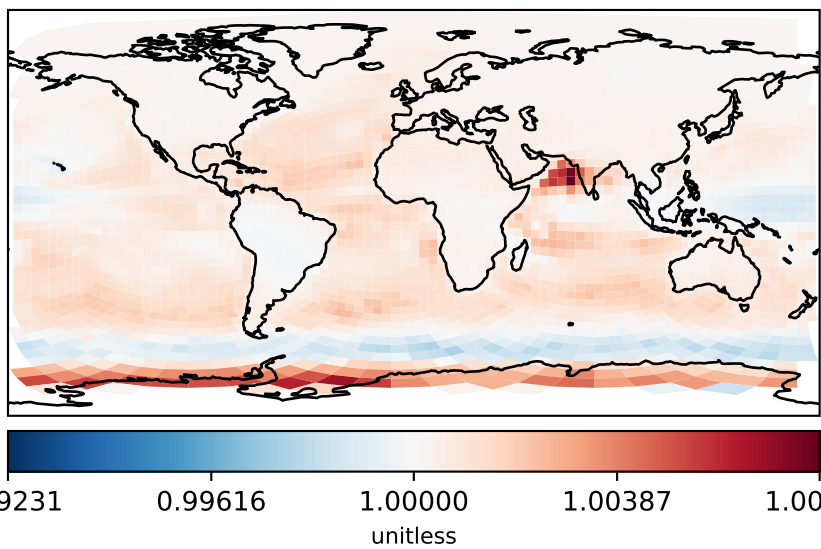
Difference
Dev - Ref, Dynamic Range



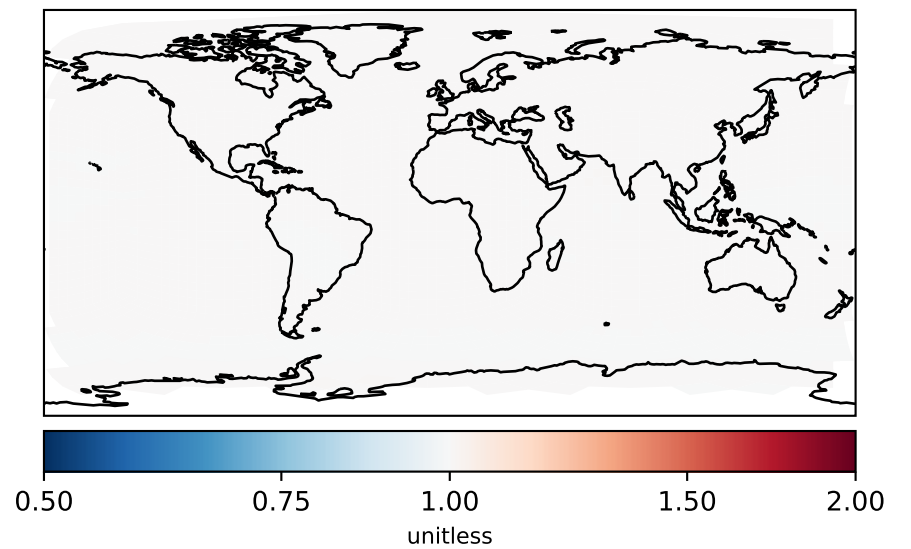
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

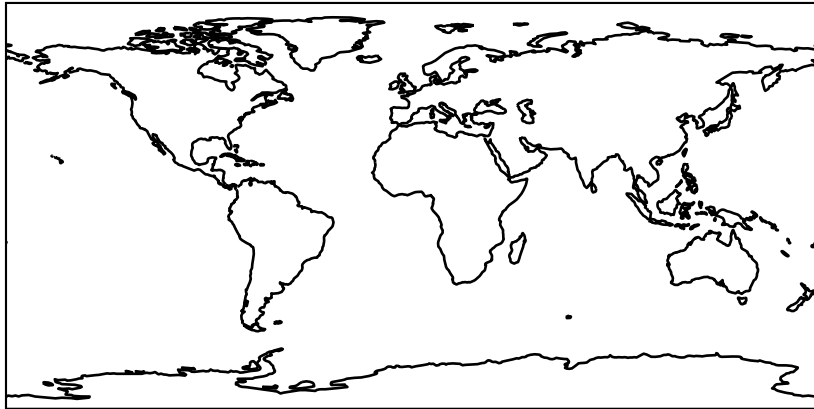


Ratio
Dev/Ref, Fixed Range



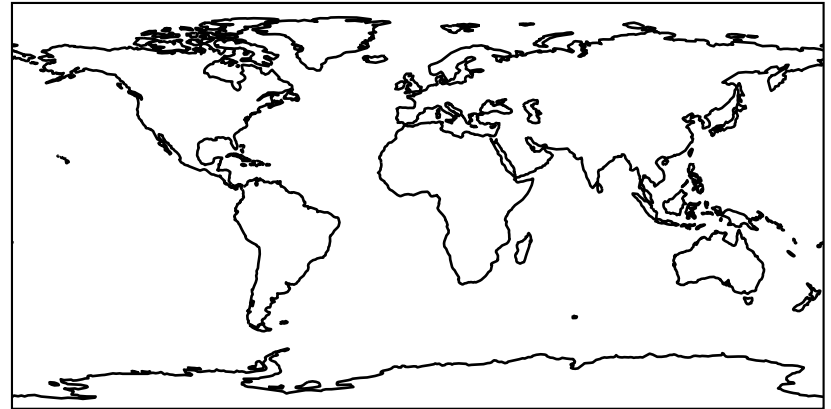
Jval_CHCl3

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



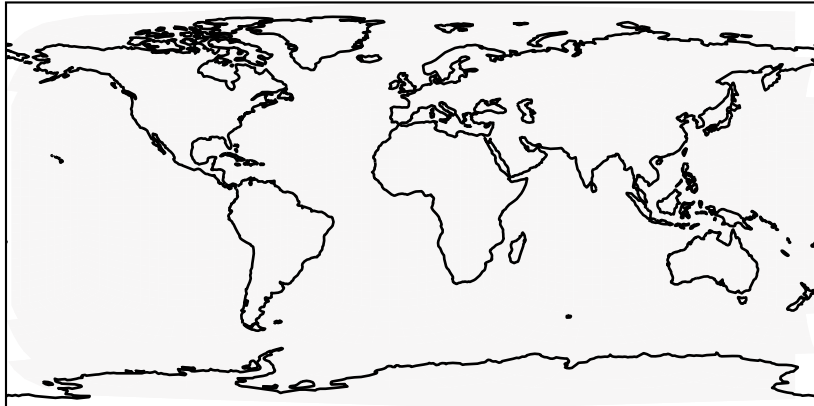
Zero throughout domain
s-1

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



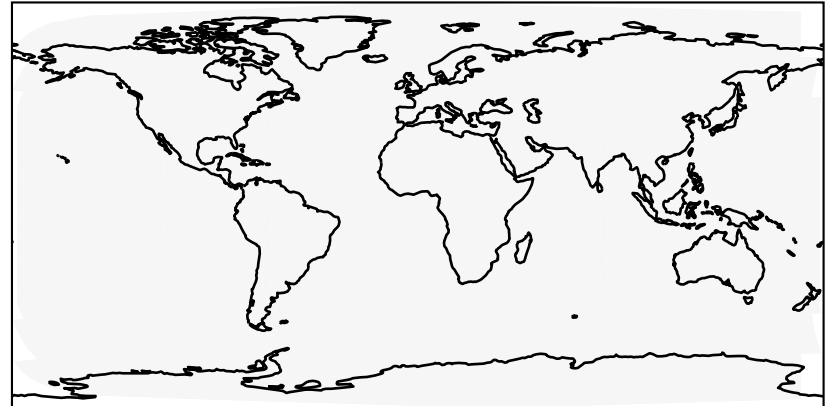
Zero throughout domain
s-1

Difference
Dev - Ref, Dynamic Range



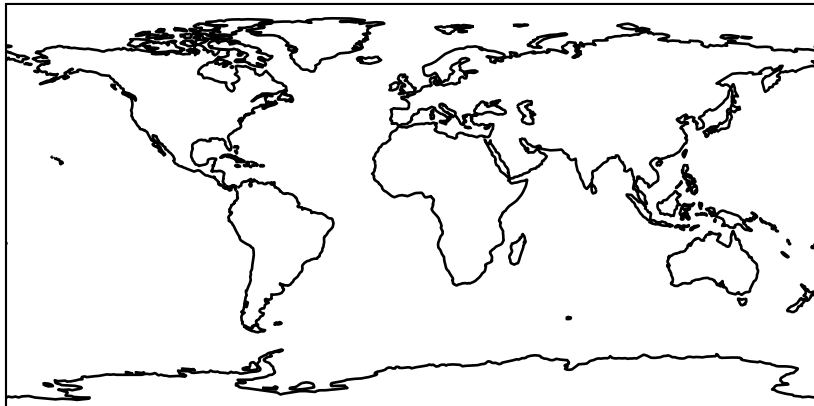
Zero throughout domain
s-1

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



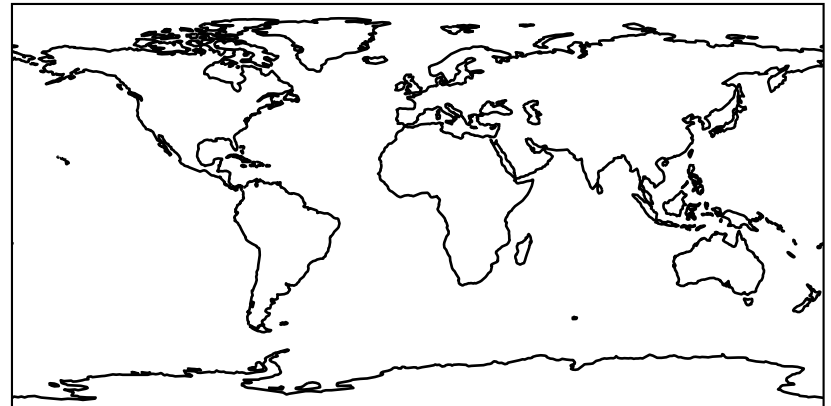
Zero throughout domain
s-1

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

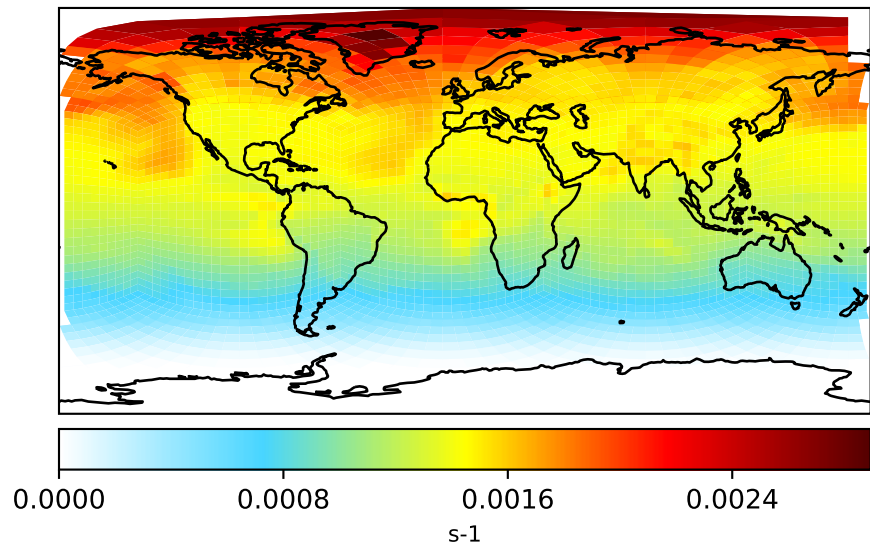
Ratio
Dev/Ref, Fixed Range



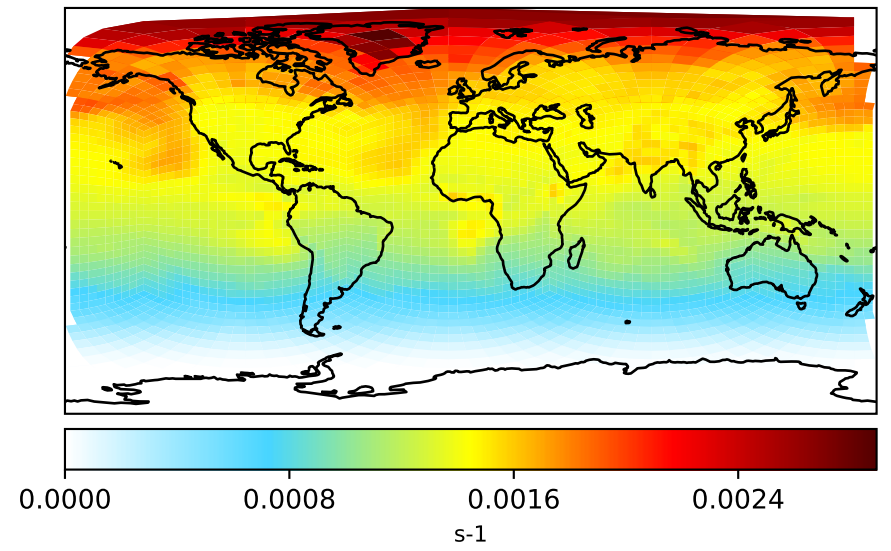
Undefined throughout domain
unitless

Jval_CI2

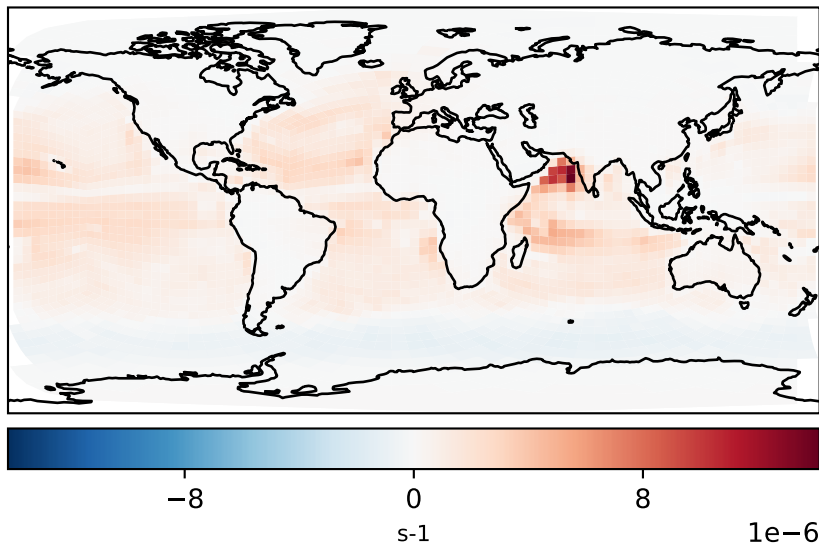
Processed GEOS-FP input, 3-hr winds (Ref)
c24



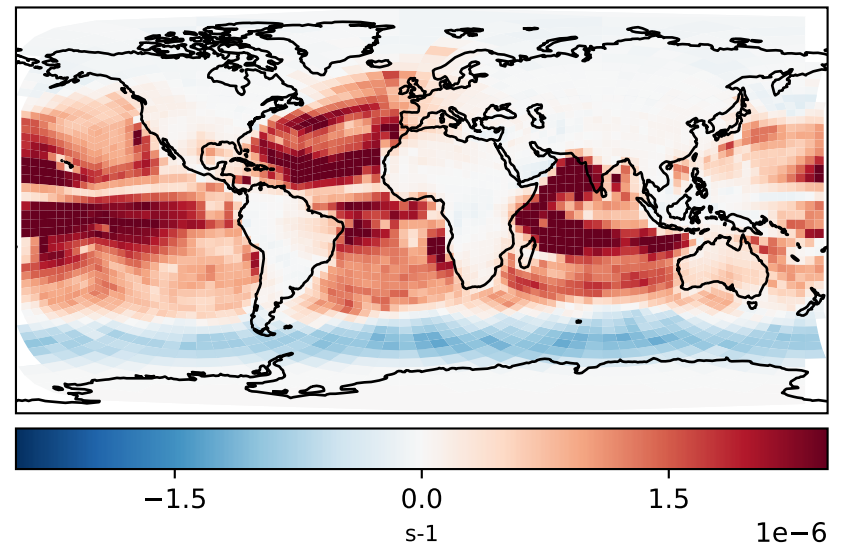
Raw GEOS-FP input, 3-hr winds (Dev)
c24



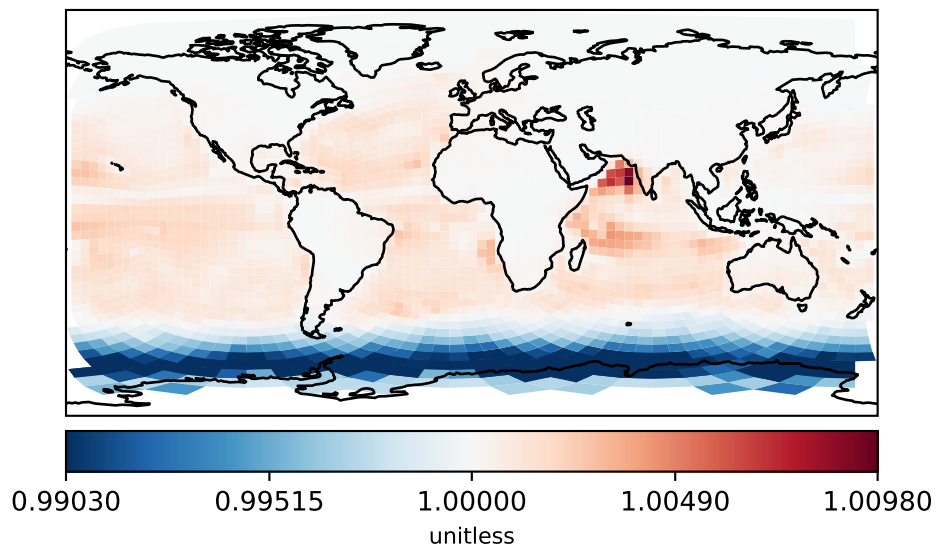
Difference
Dev - Ref, Dynamic Range



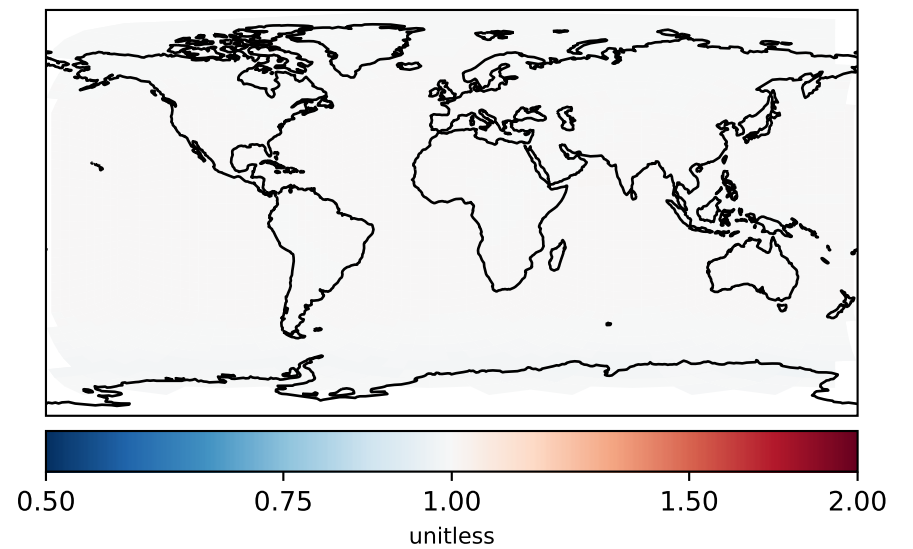
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

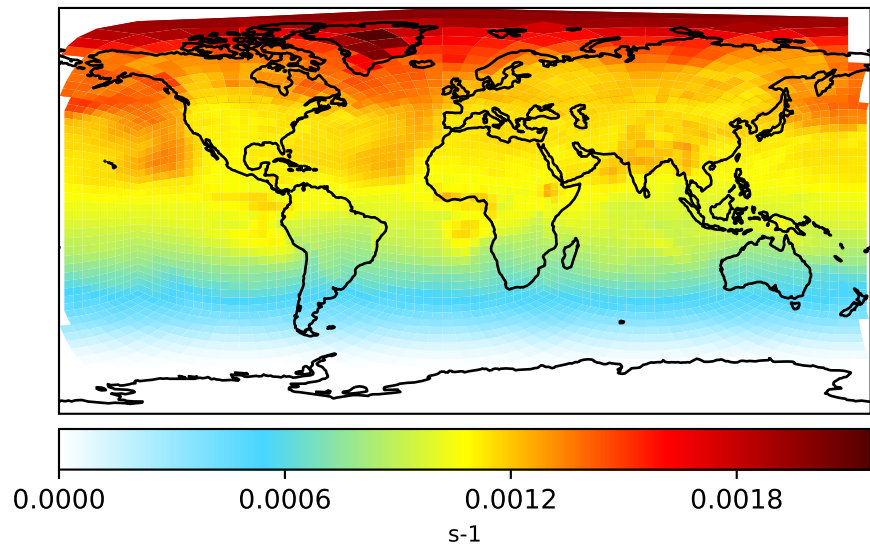


Ratio
Dev/Ref, Fixed Range

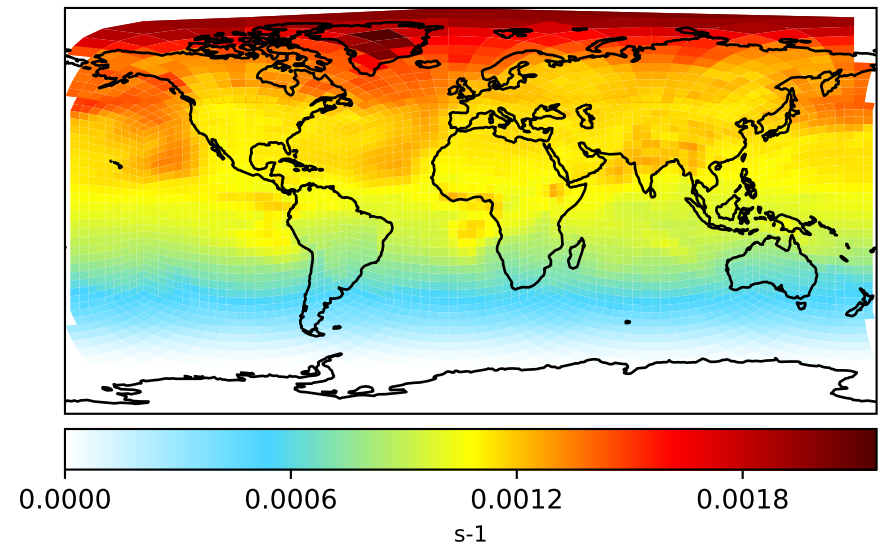


Jval_CI202

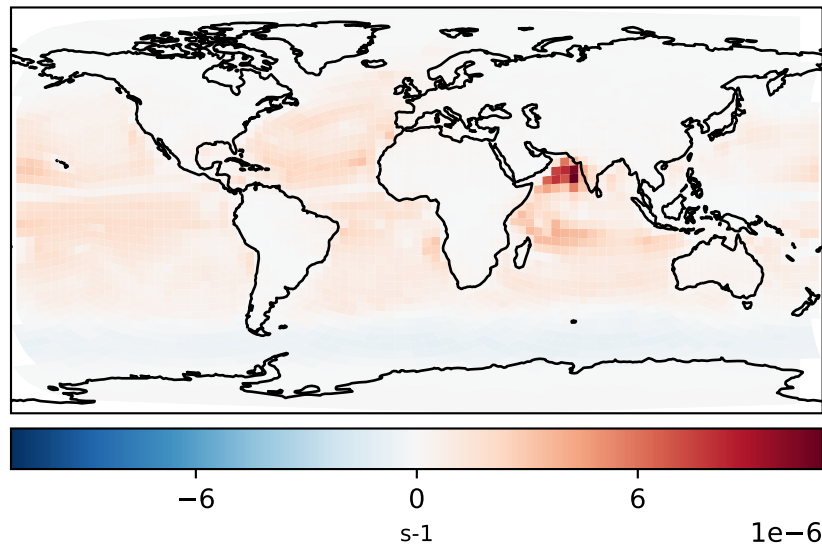
Processed GEOS-FP input, 3-hr winds (Ref)
c24



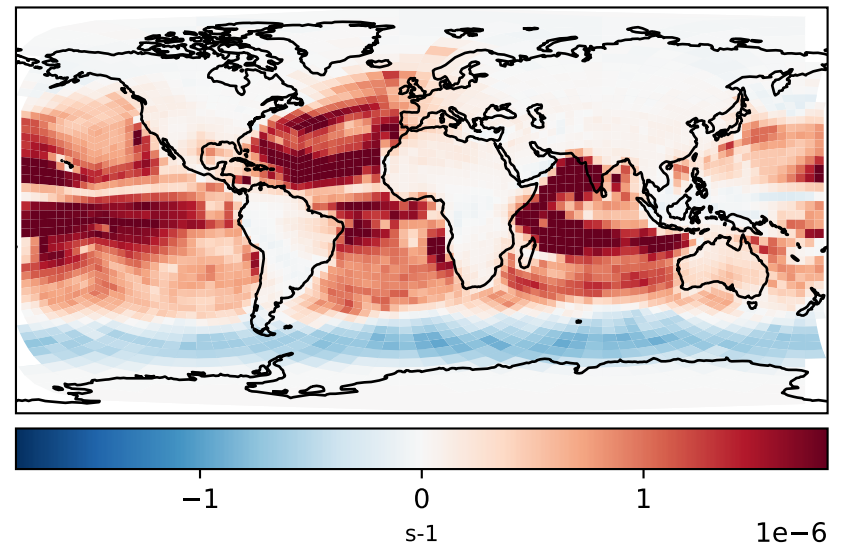
Raw GEOS-FP input, 3-hr winds (Dev)
c24



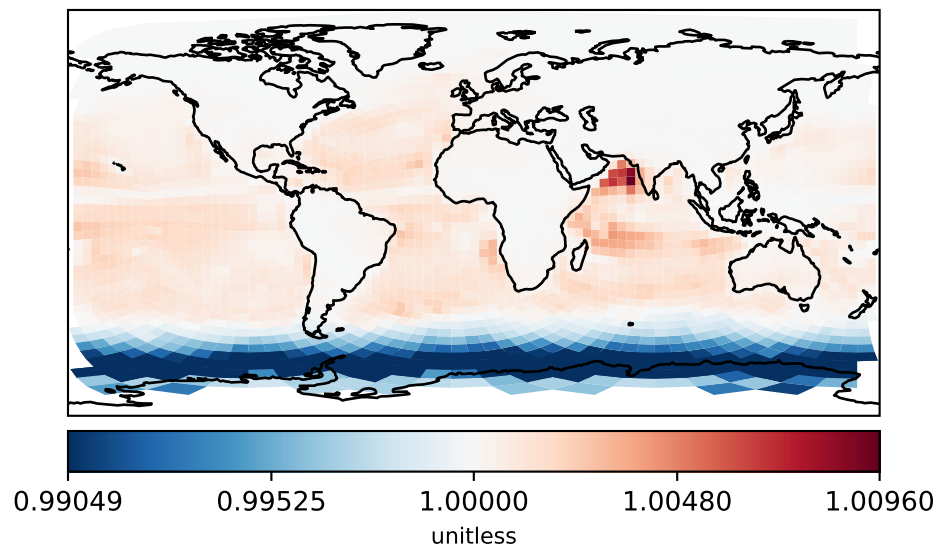
Difference
Dev - Ref, Dynamic Range



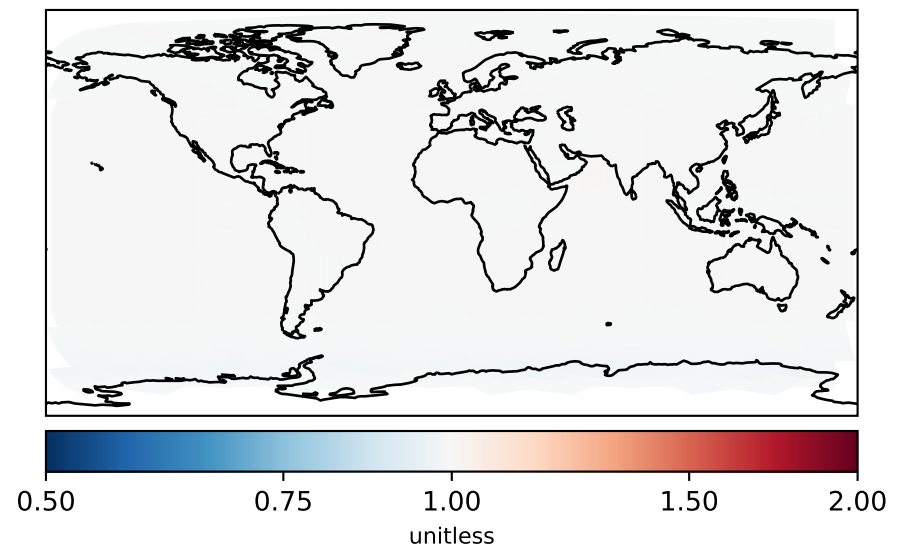
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

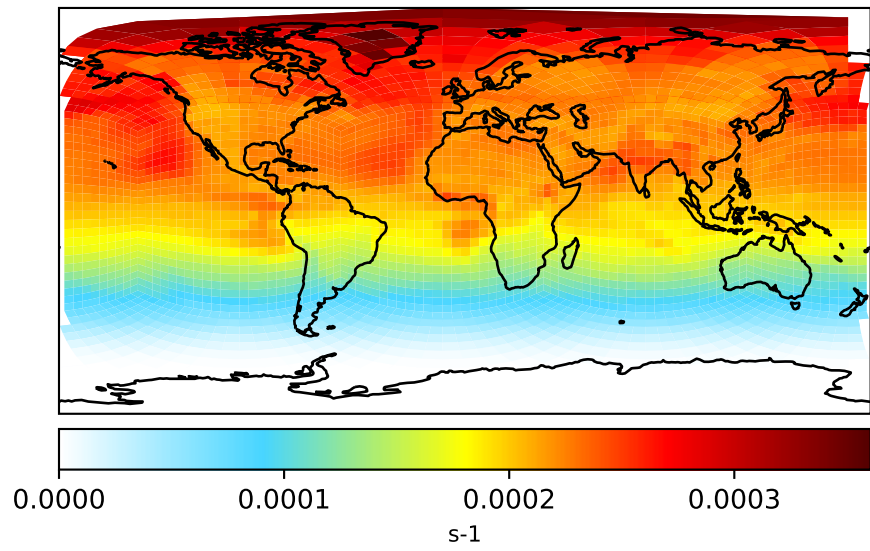


Ratio
Dev/Ref, Fixed Range

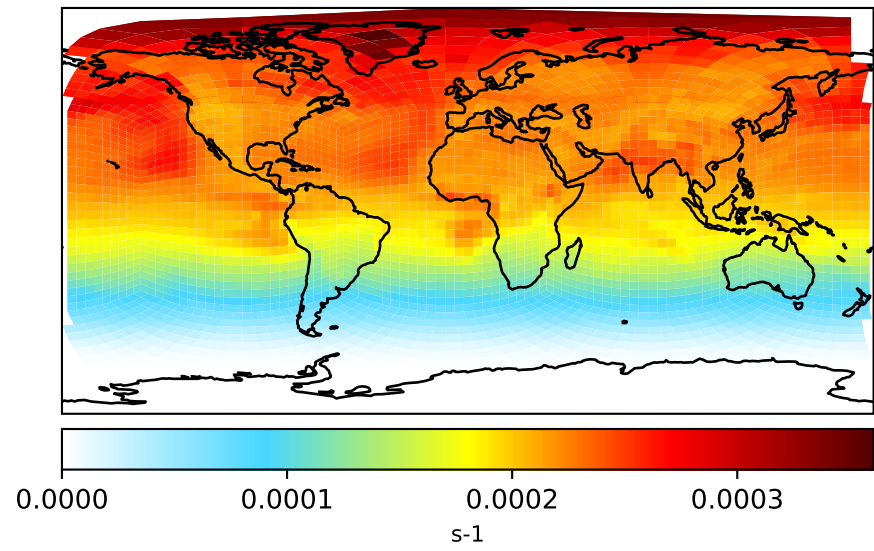


Jval_CIN02

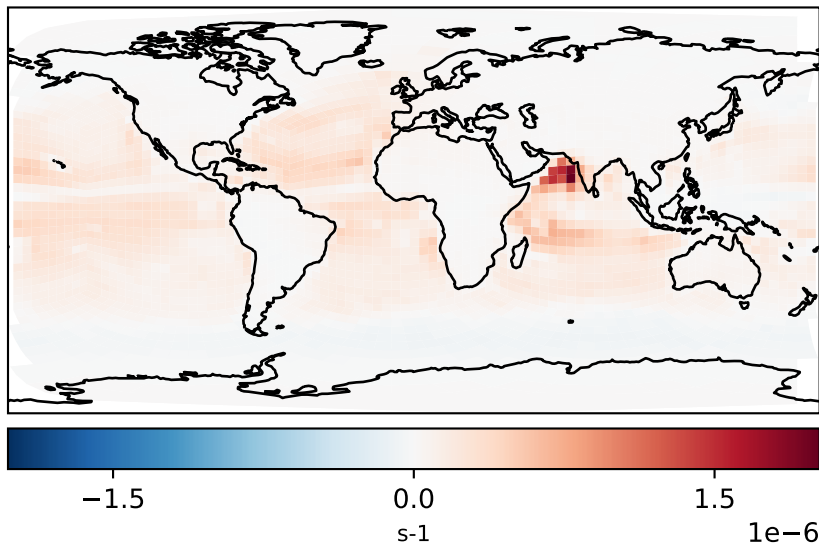
Processed GEOS-FP input, 3-hr winds (Ref)
c24



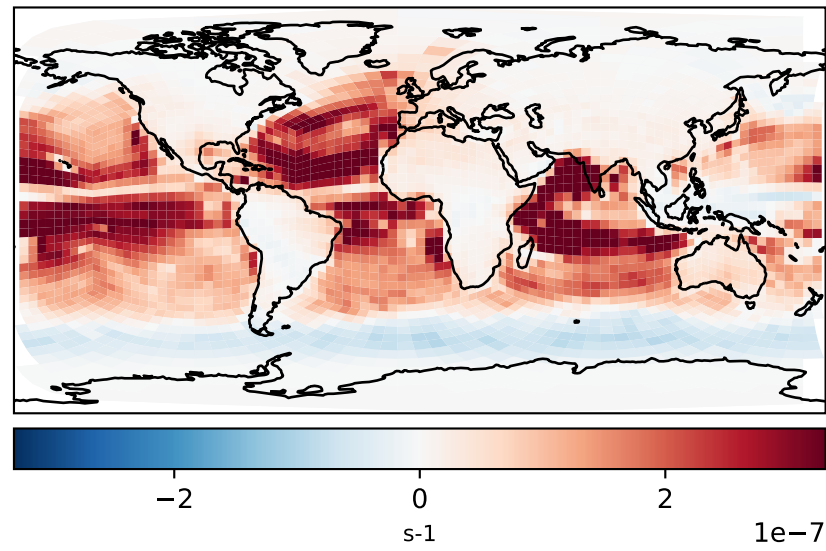
Raw GEOS-FP input, 3-hr winds (Dev)
c24



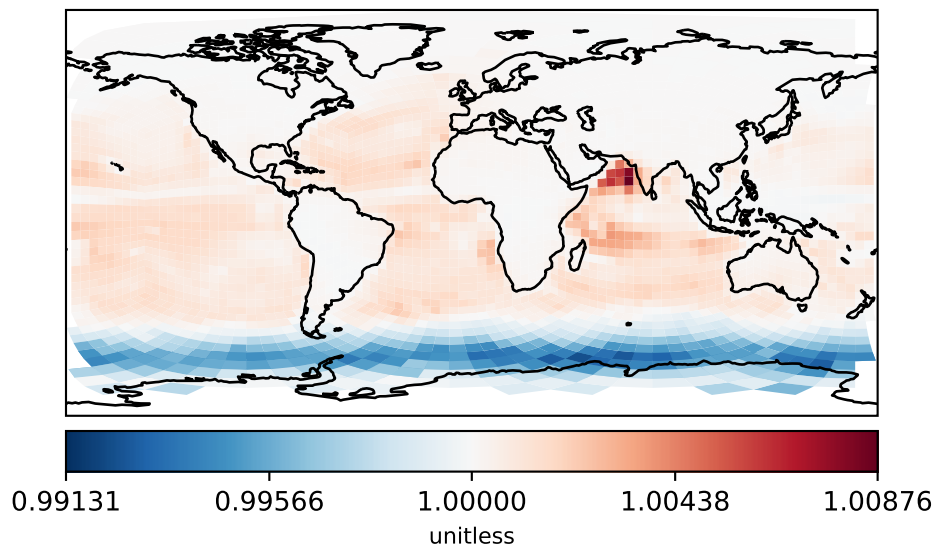
Difference
Dev - Ref, Dynamic Range



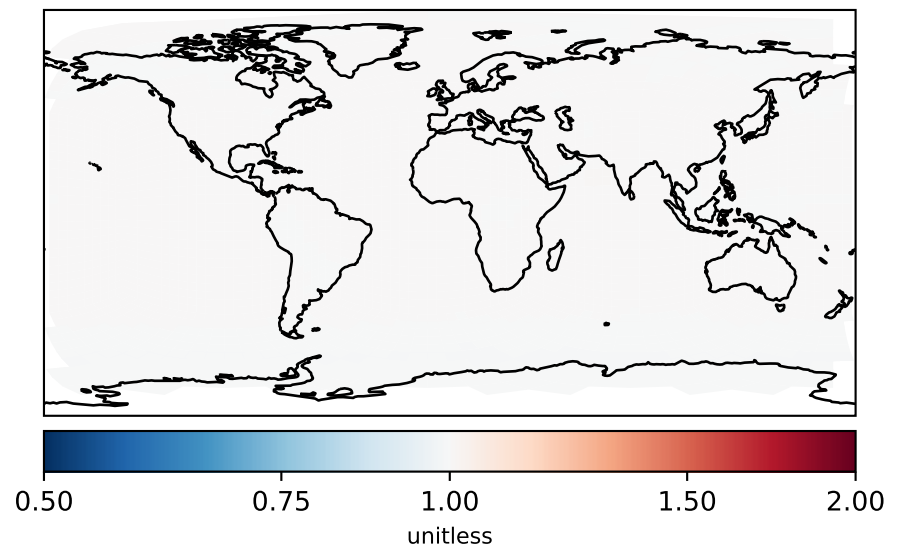
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

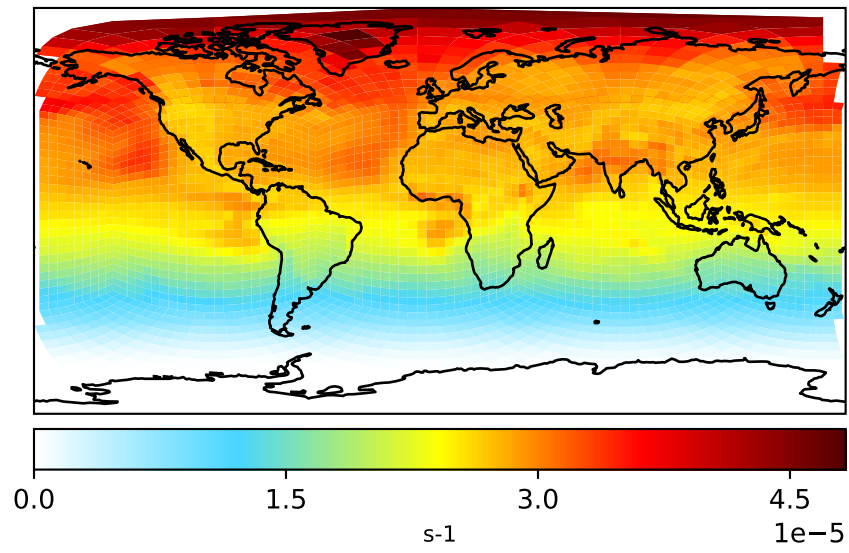


Ratio
Dev/Ref, Fixed Range

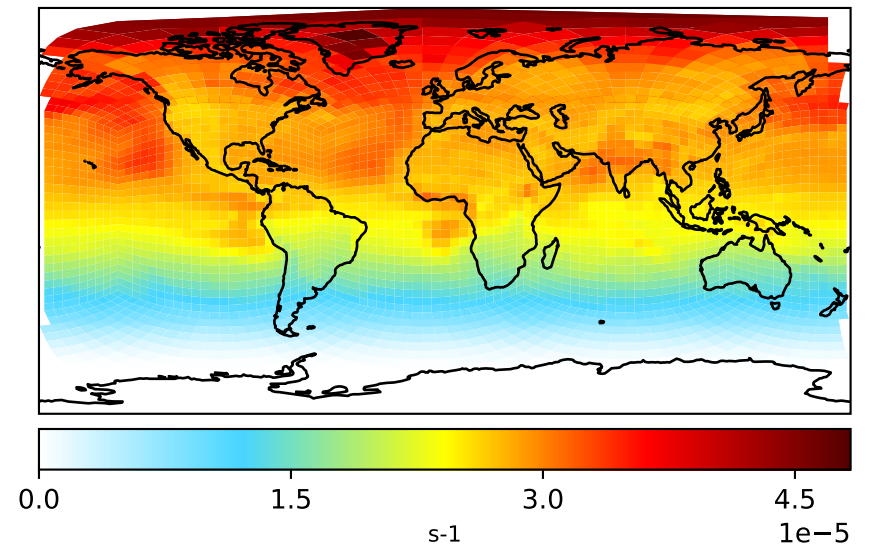


Jval_CIN03

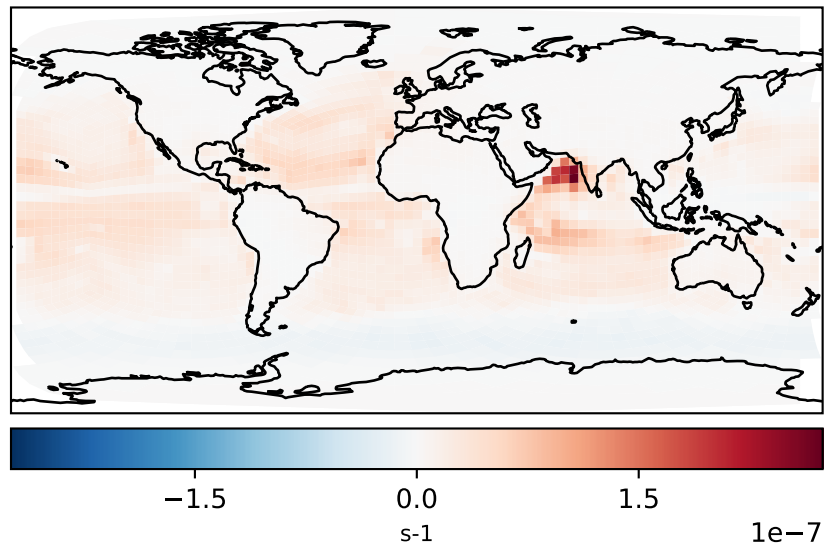
Processed GEOS-FP input, 3-hr winds (Ref)
c24



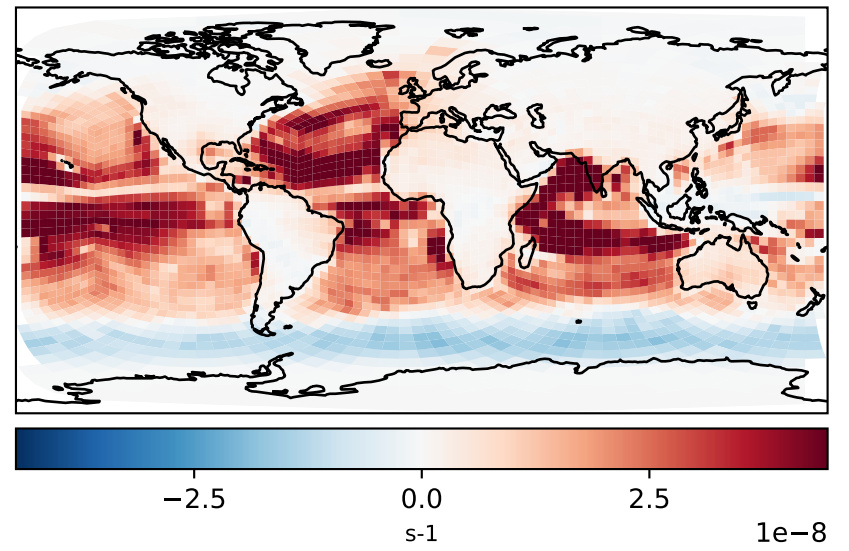
Raw GEOS-FP input, 3-hr winds (Dev)
c24



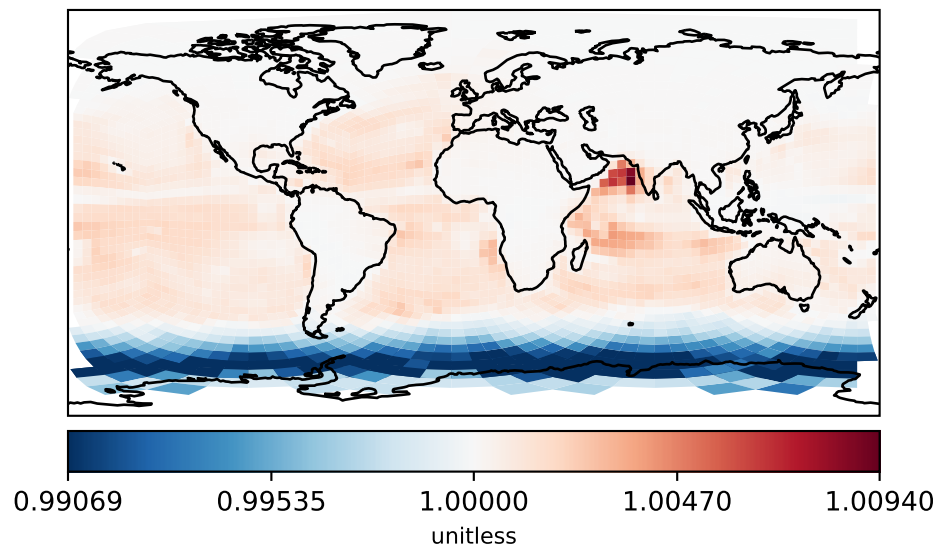
Difference
Dev - Ref, Dynamic Range



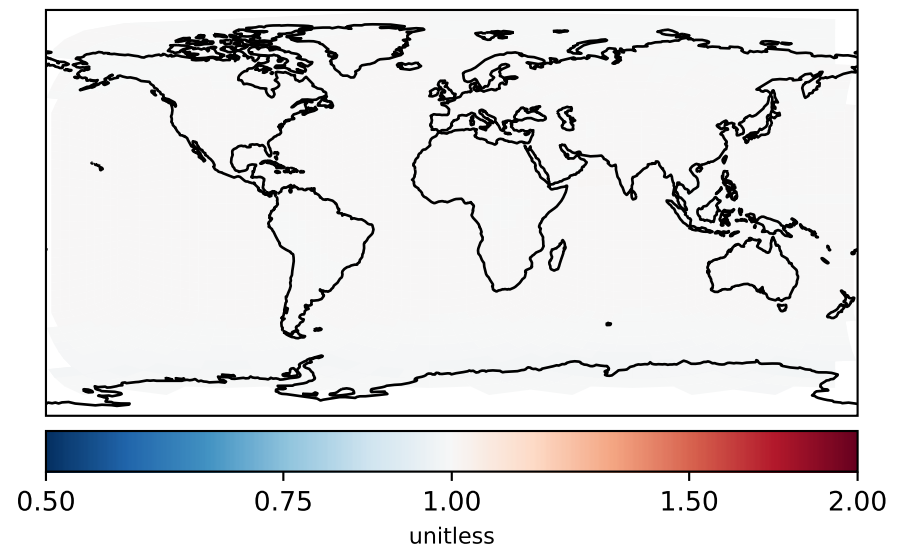
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

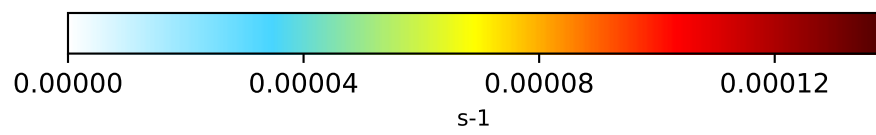
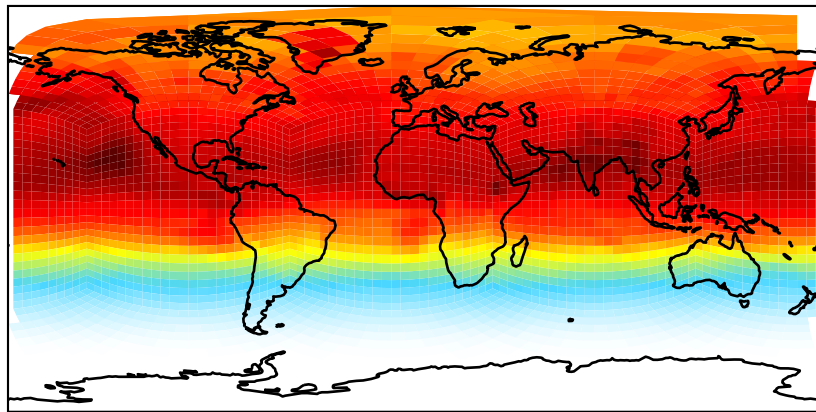


Ratio
Dev/Ref, Fixed Range

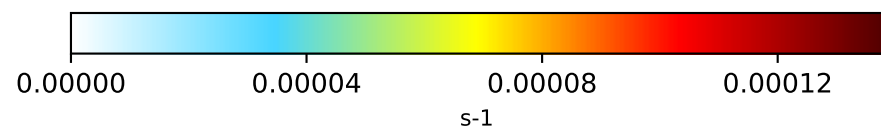
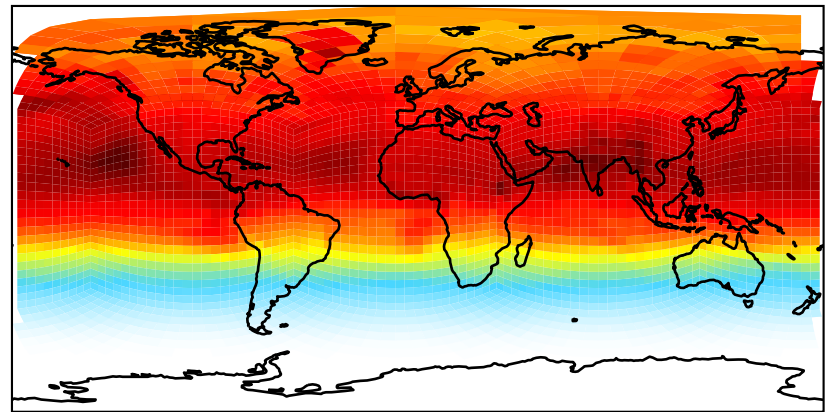


Jval_CIO

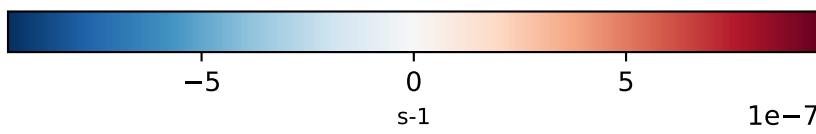
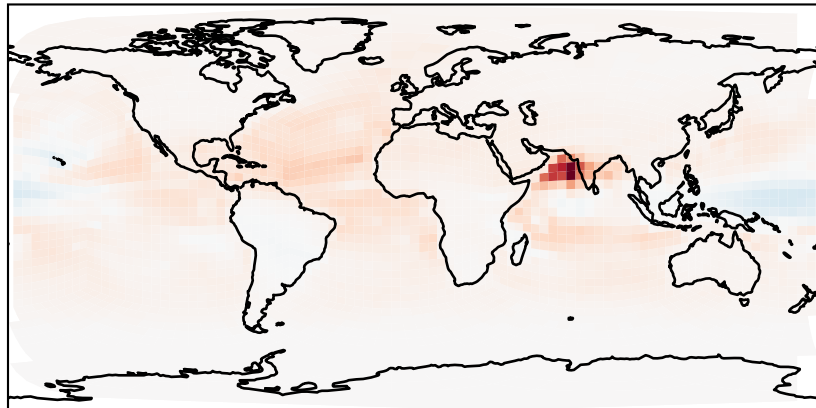
Processed GEOS-FP input, 3-hr winds (Ref)
c24



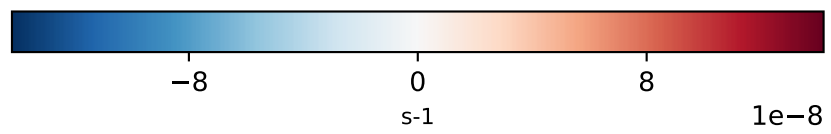
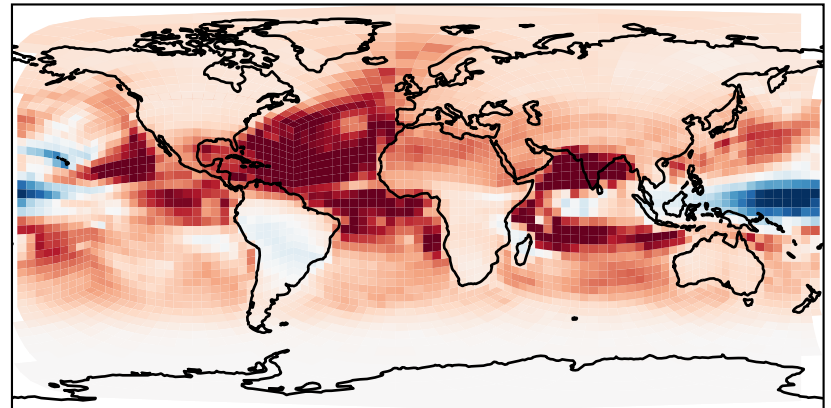
Raw GEOS-FP input, 3-hr winds (Dev)
c24



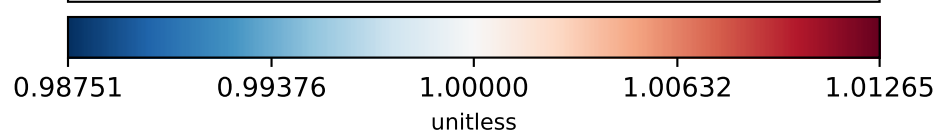
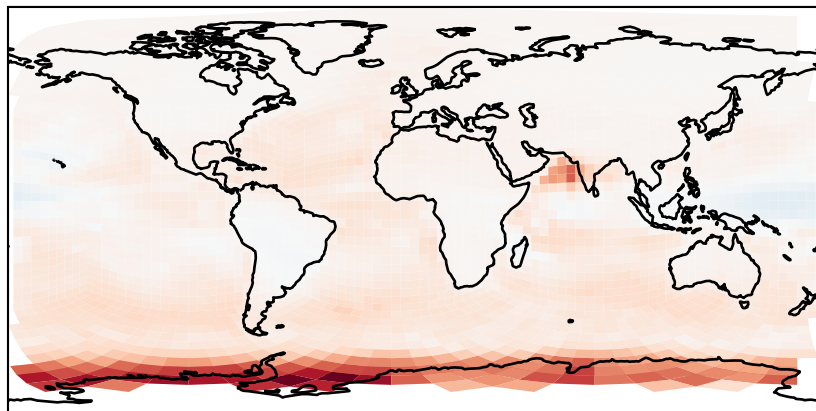
Difference
Dev - Ref, Dynamic Range



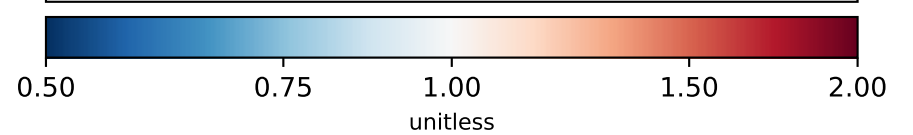
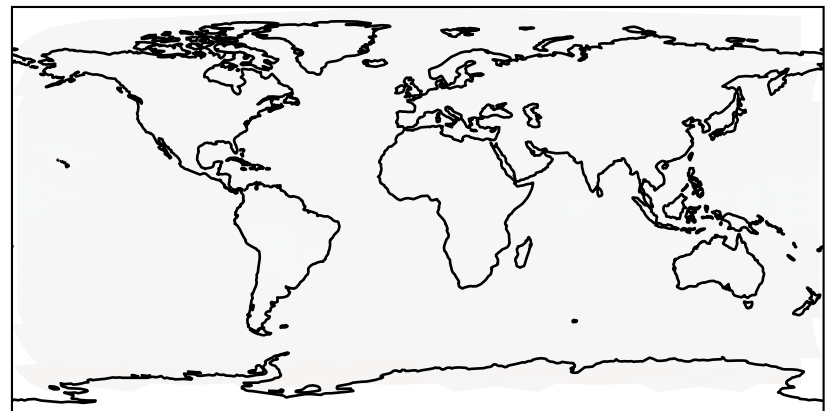
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

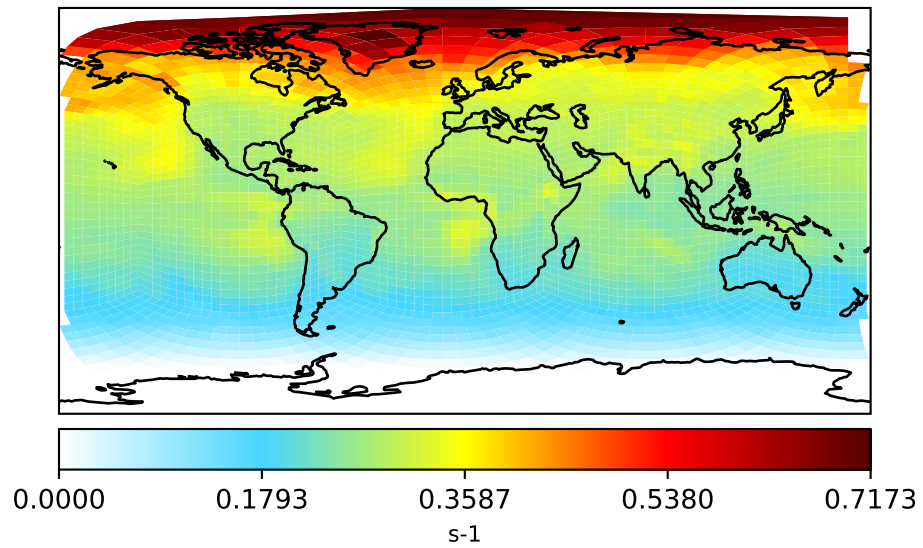


Ratio
Dev/Ref, Fixed Range

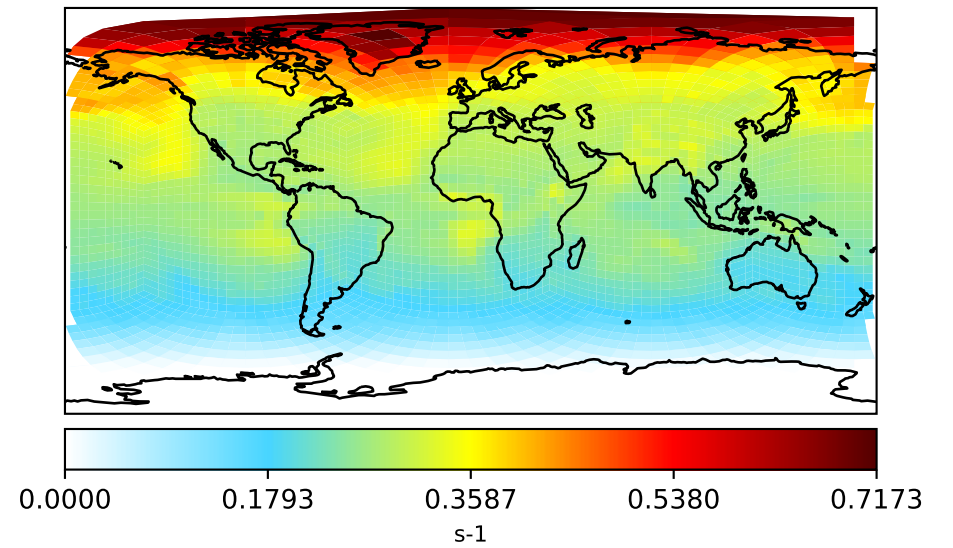


Jval_C100

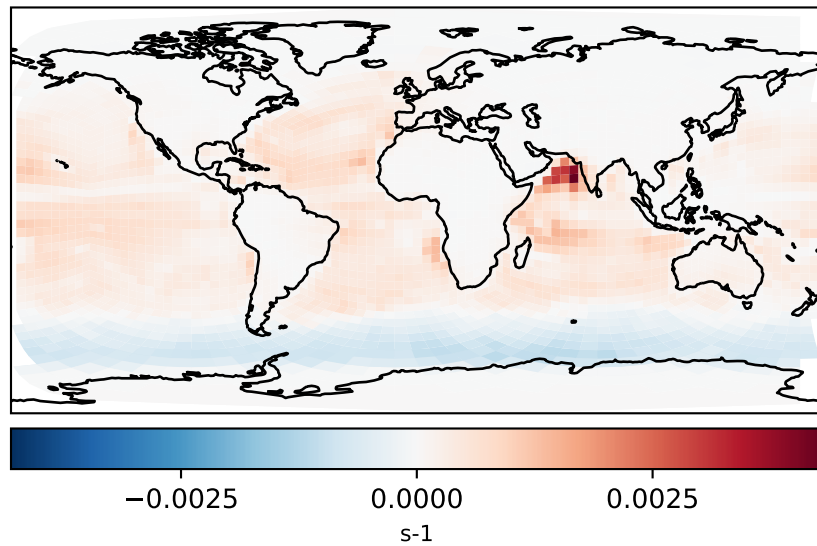
Processed GEOS-FP input, 3-hr winds (Ref)
c24



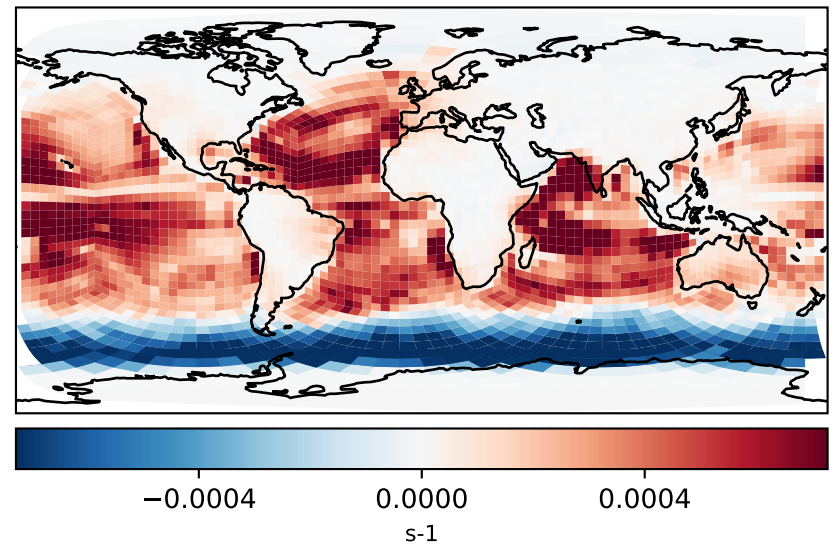
Raw GEOS-FP input, 3-hr winds (Dev)
c24



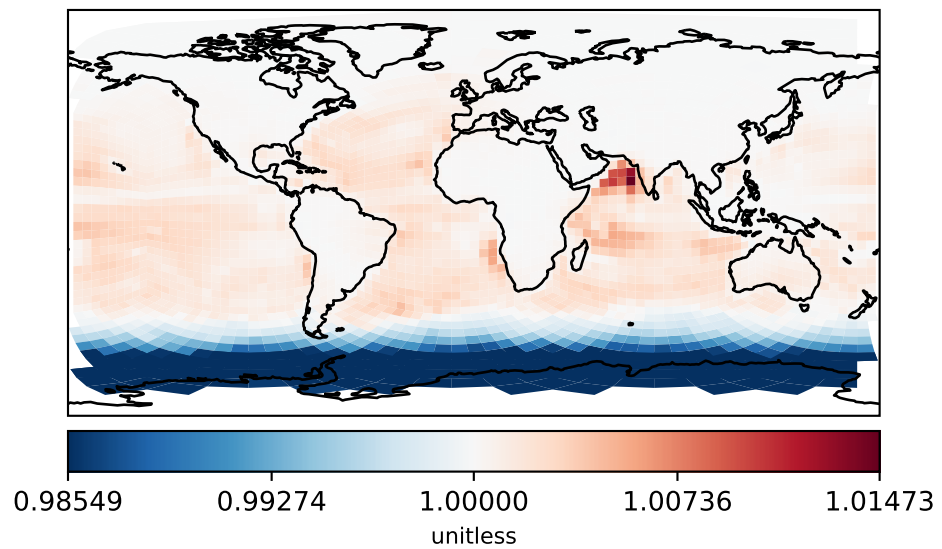
Difference
Dev - Ref, Dynamic Range



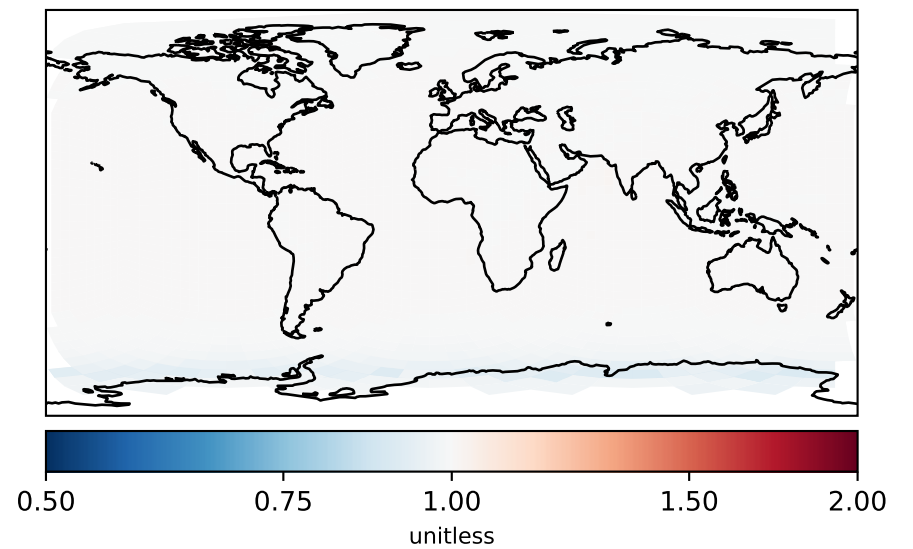
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

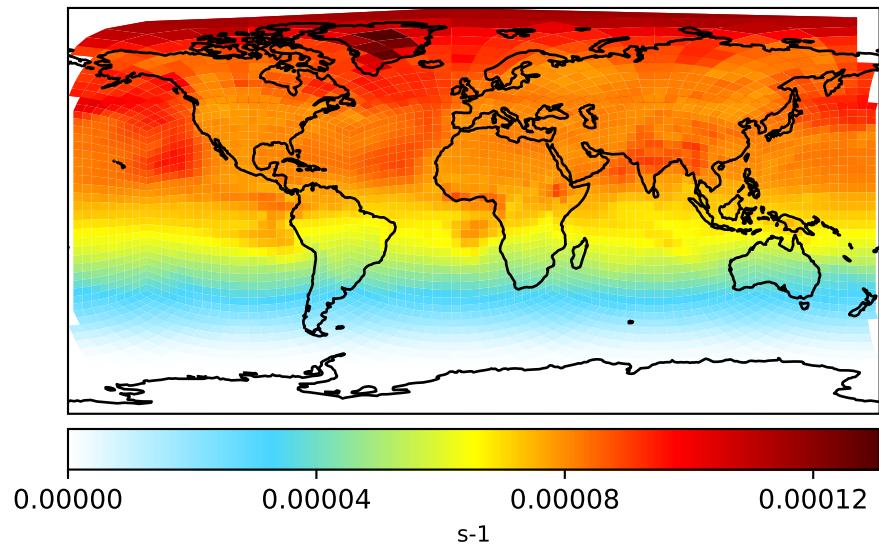


Ratio
Dev/Ref, Fixed Range

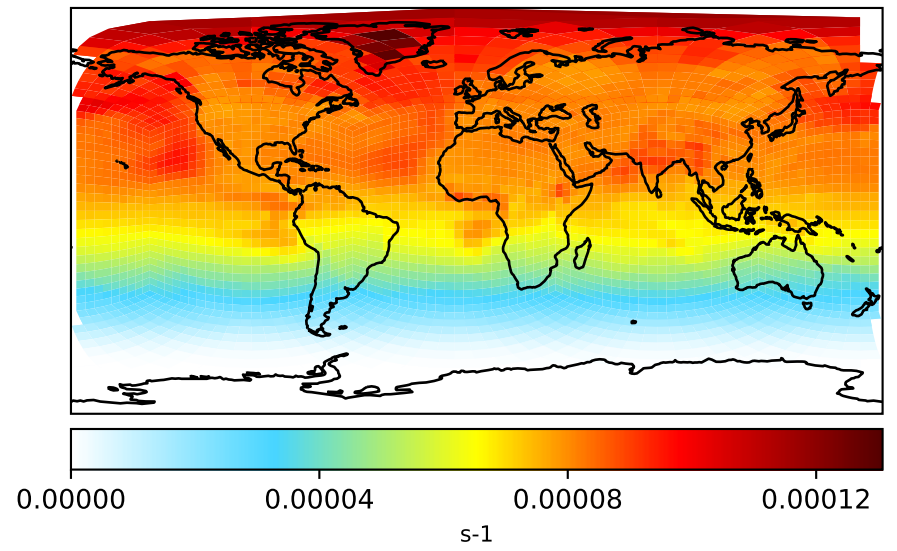


Jval_ETHLN

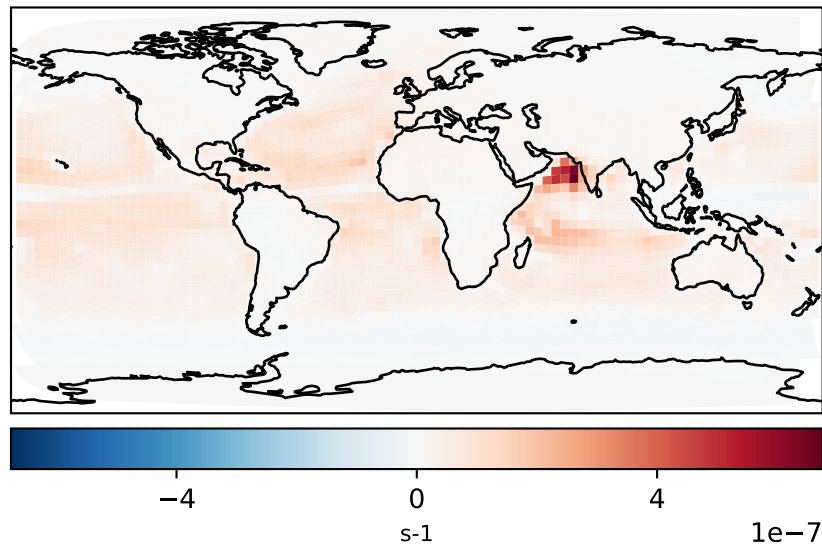
Processed GEOS-FP input, 3-hr winds (Ref)
c24



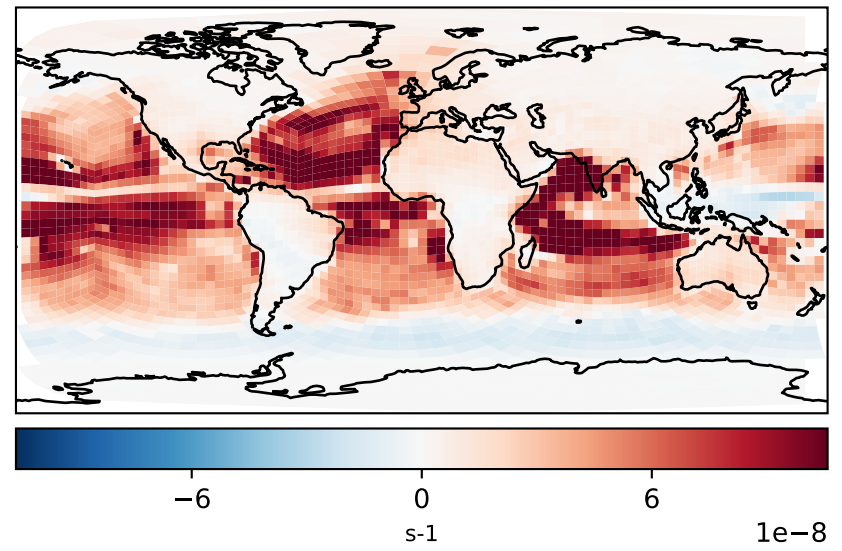
Raw GEOS-FP input, 3-hr winds (Dev)
c24



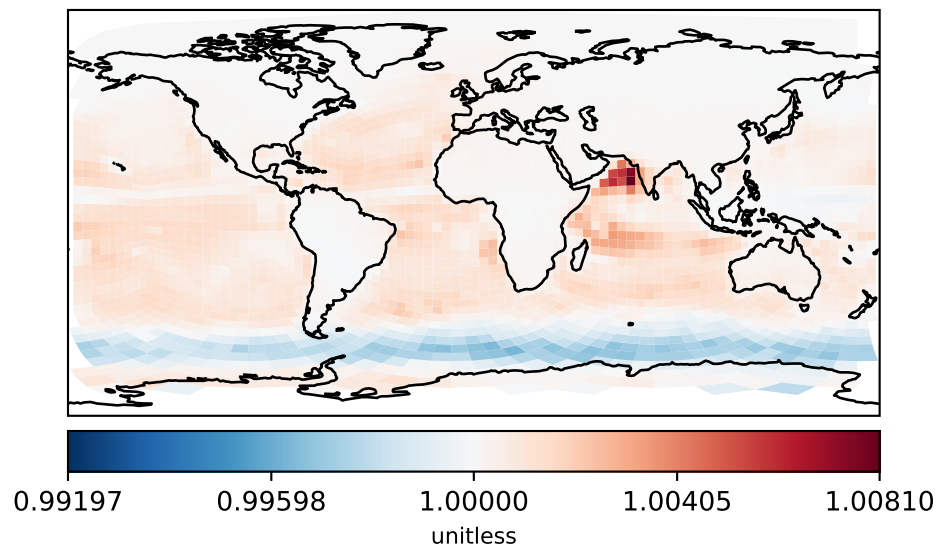
Difference
Dev - Ref, Dynamic Range



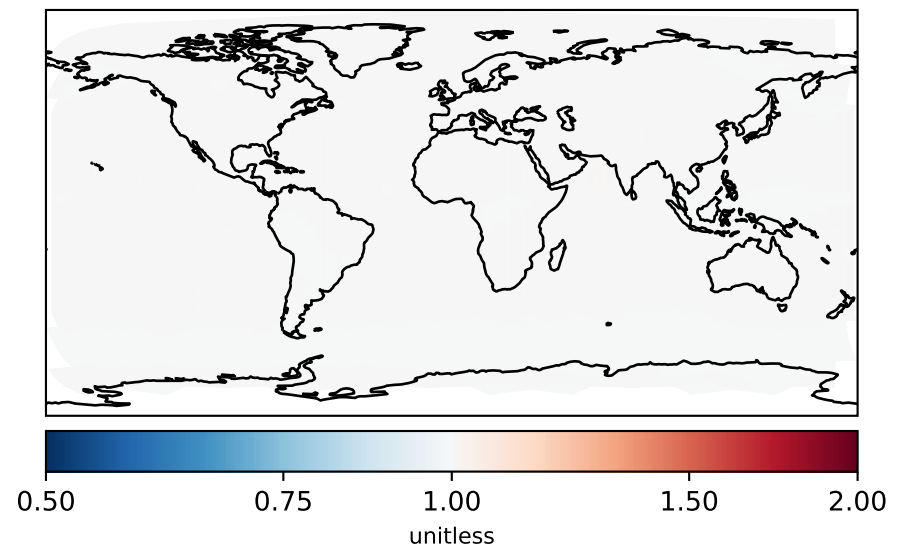
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

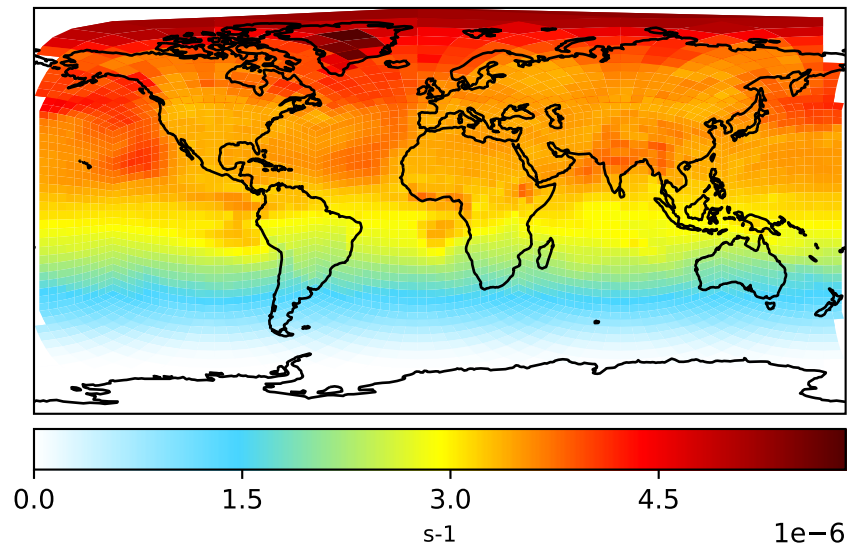


Ratio
Dev/Ref, Fixed Range

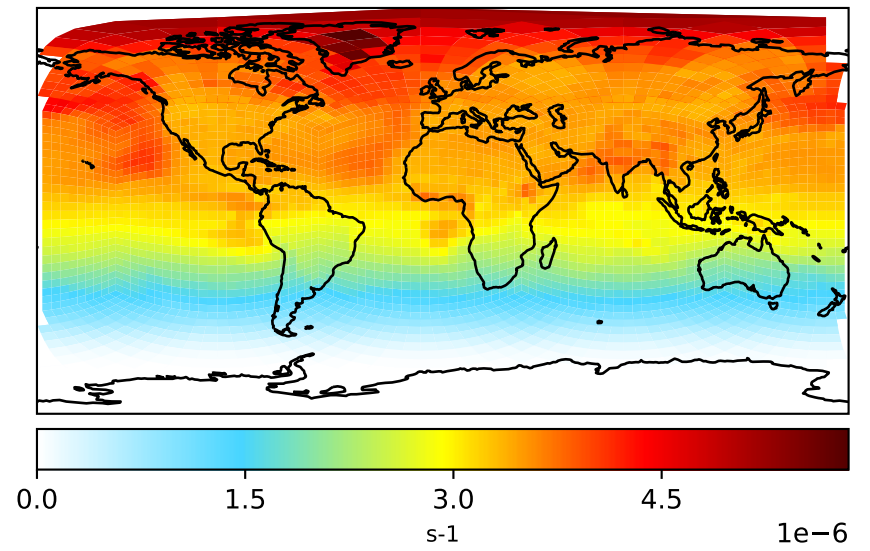


Jval_ETHP

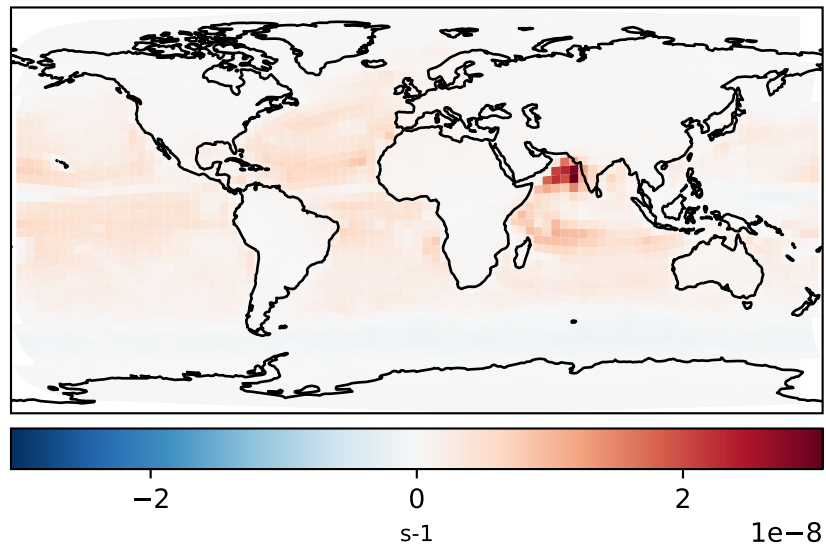
Processed GEOS-FP input, 3-hr winds (Ref)
c24



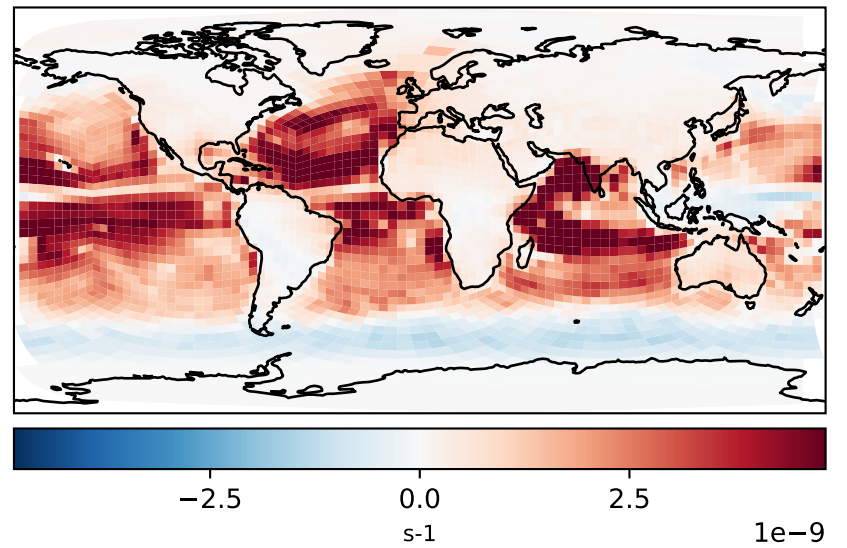
Raw GEOS-FP input, 3-hr winds (Dev)
c24



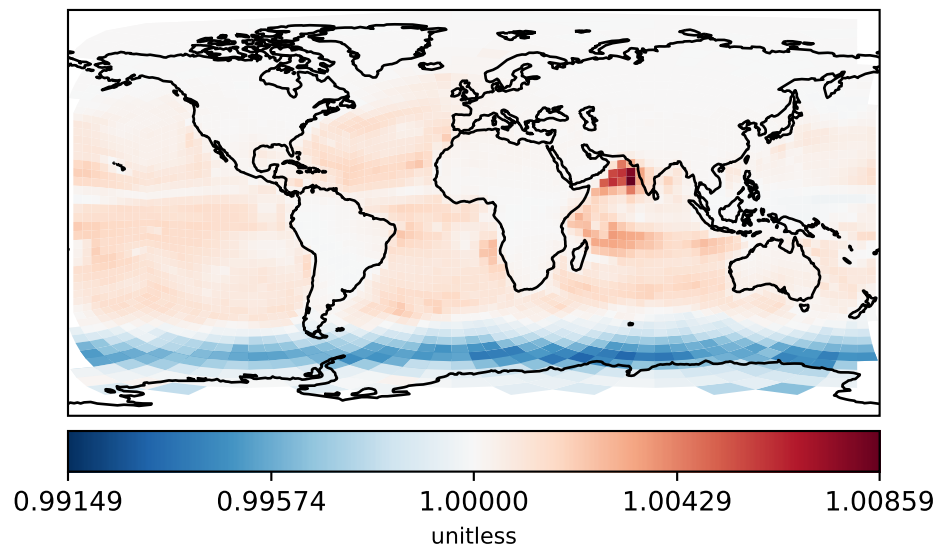
Difference
Dev - Ref, Dynamic Range



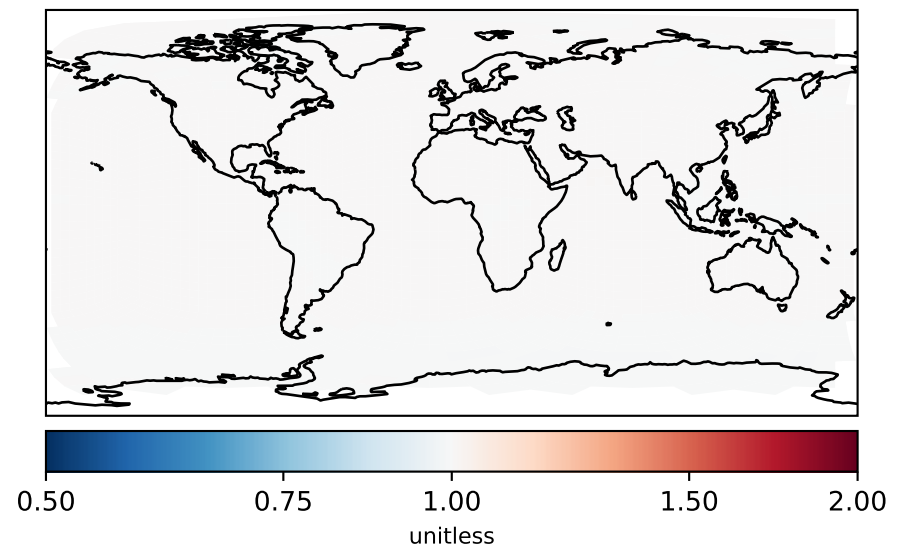
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

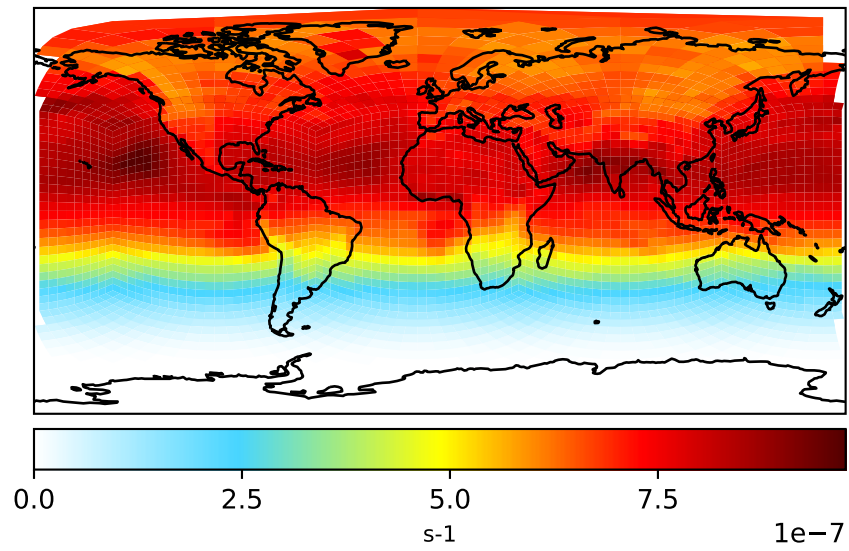


Ratio
Dev/Ref, Fixed Range

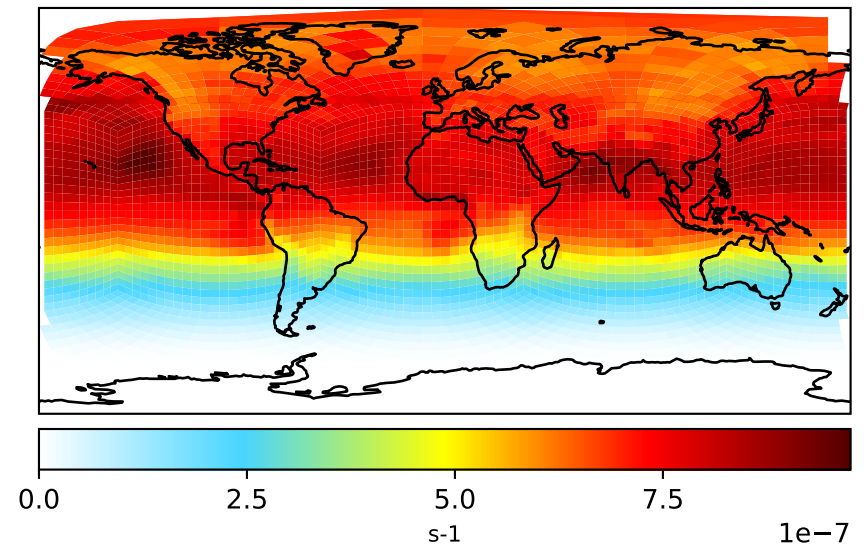


Jval_ETNO3

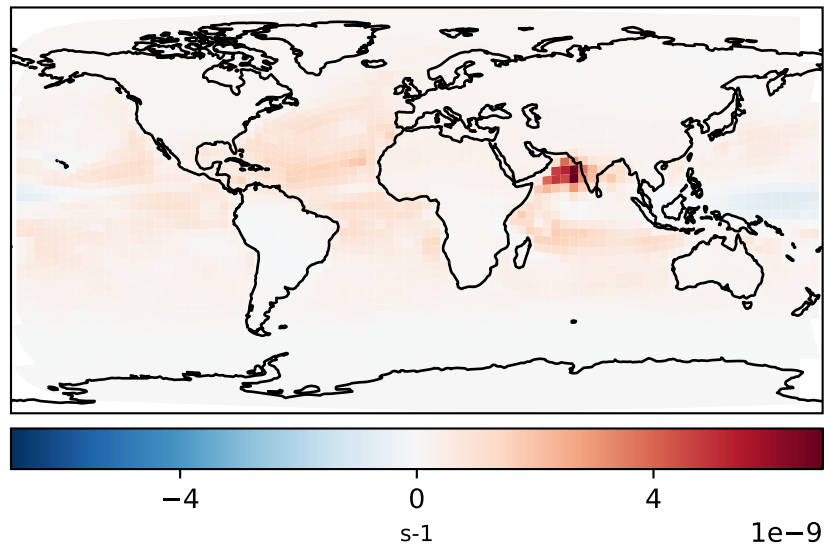
Processed GEOS-FP input, 3-hr winds (Ref)
c24



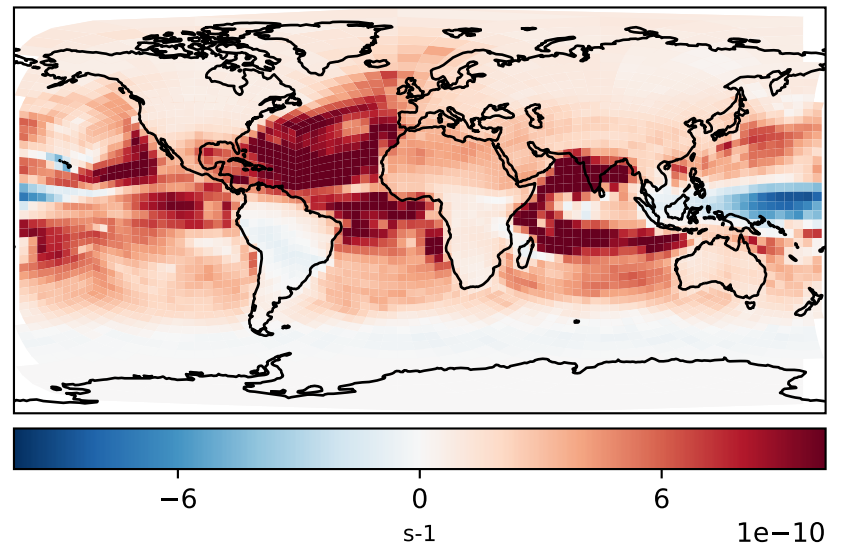
Raw GEOS-FP input, 3-hr winds (Dev)
c24



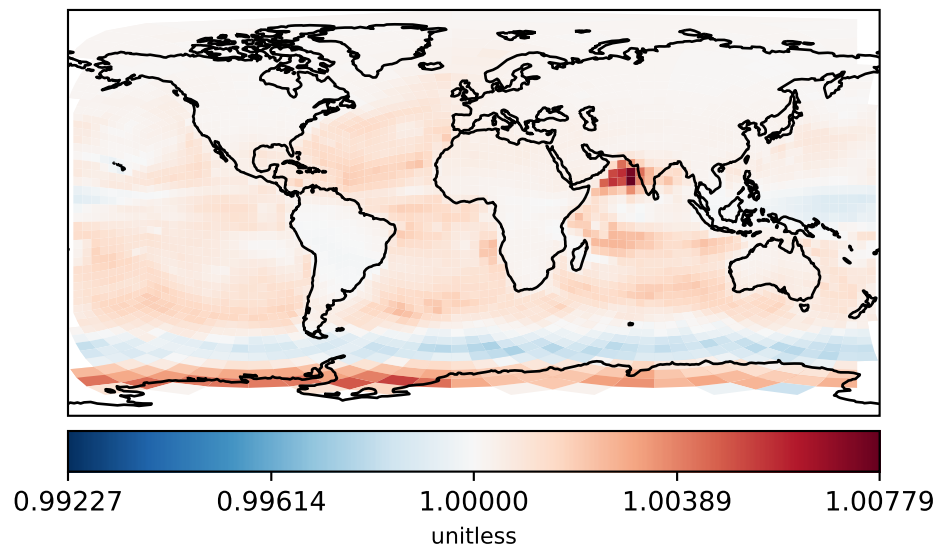
Difference
Dev - Ref, Dynamic Range



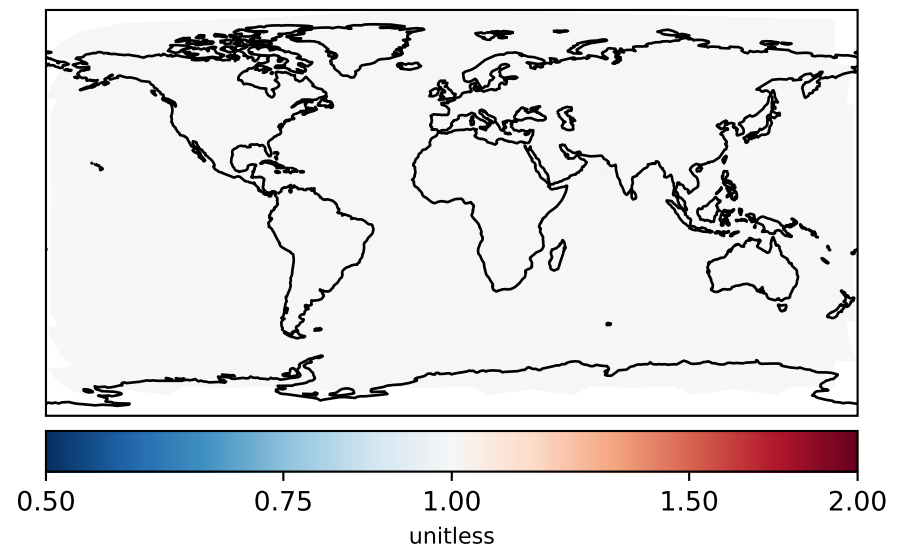
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

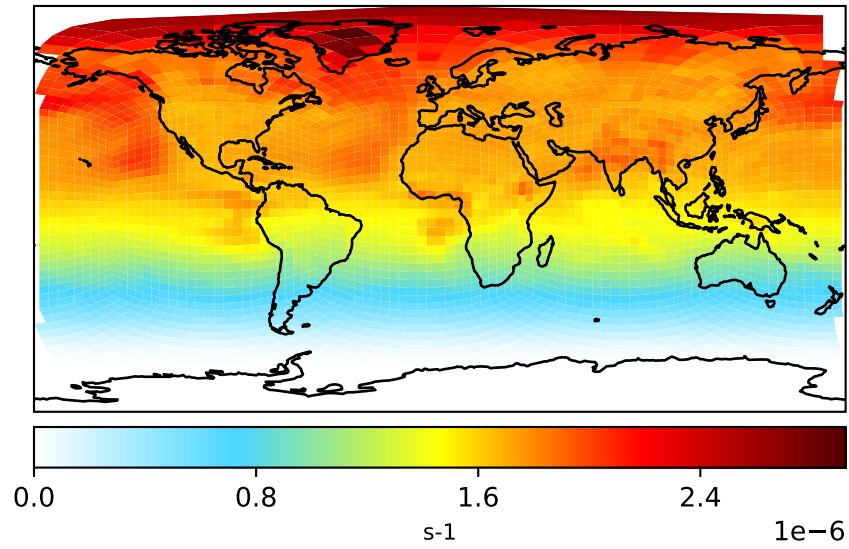


Ratio
Dev/Ref, Fixed Range

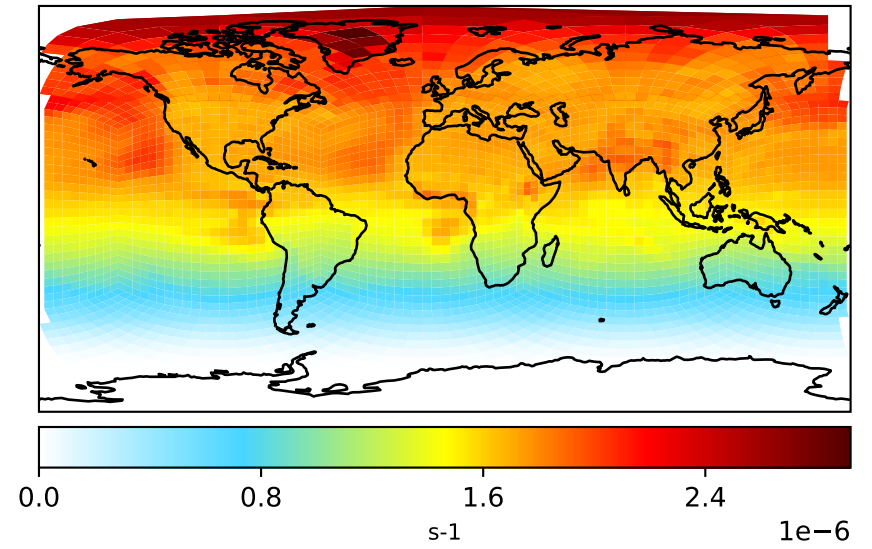


Jval_ETP

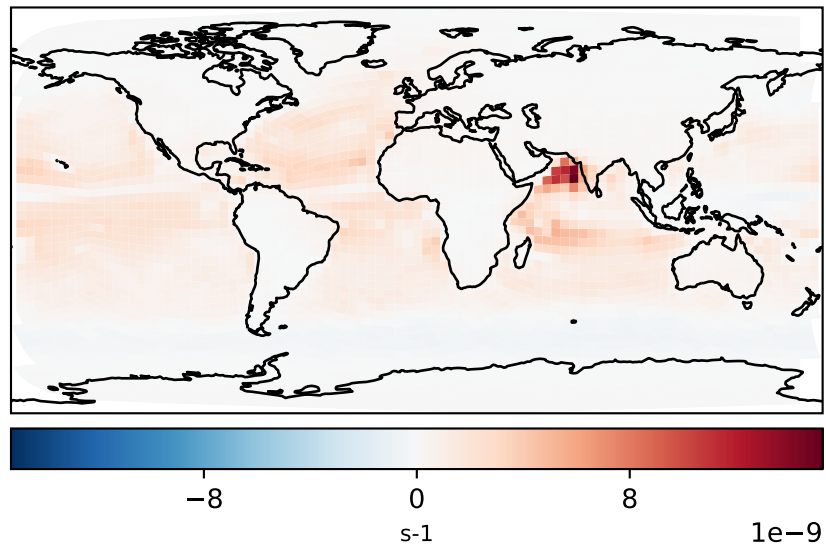
Processed GEOS-FP input, 3-hr winds (Ref)
c24



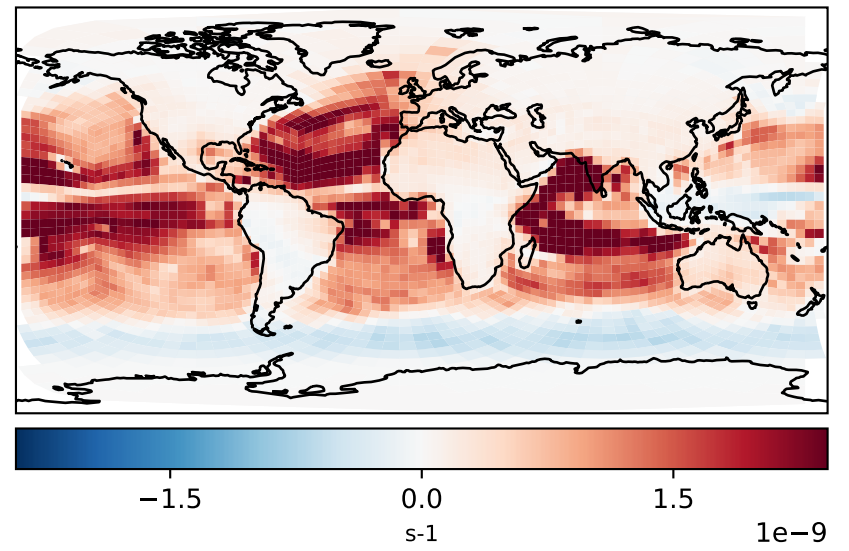
Raw GEOS-FP input, 3-hr winds (Dev)
c24



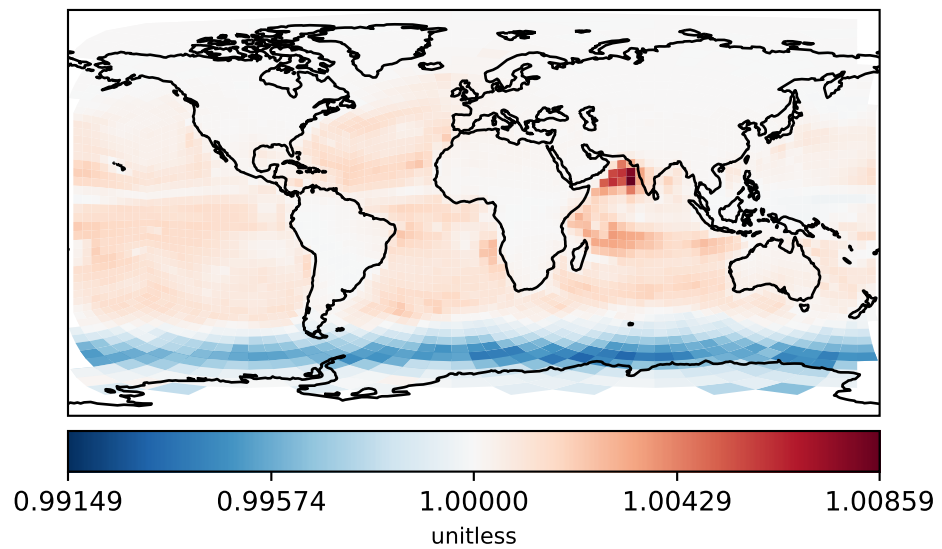
Difference
Dev - Ref, Dynamic Range



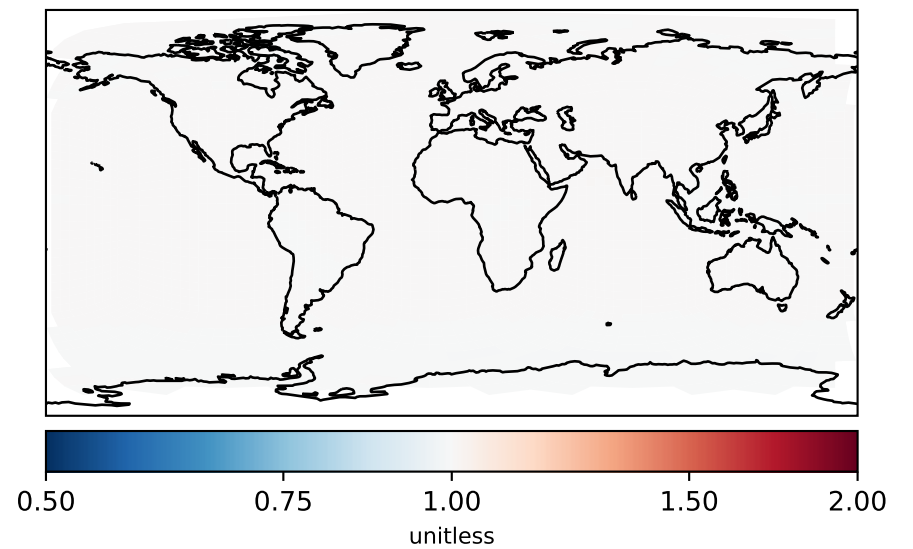
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

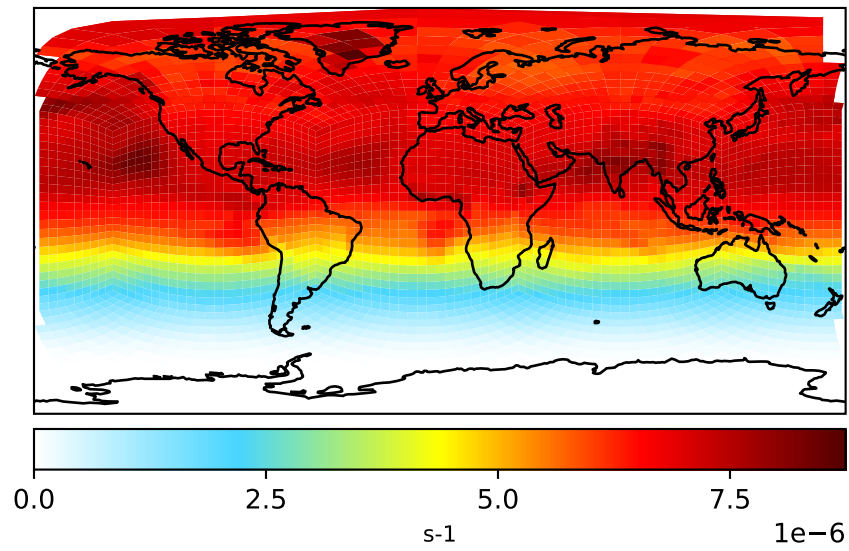


Ratio
Dev/Ref, Fixed Range

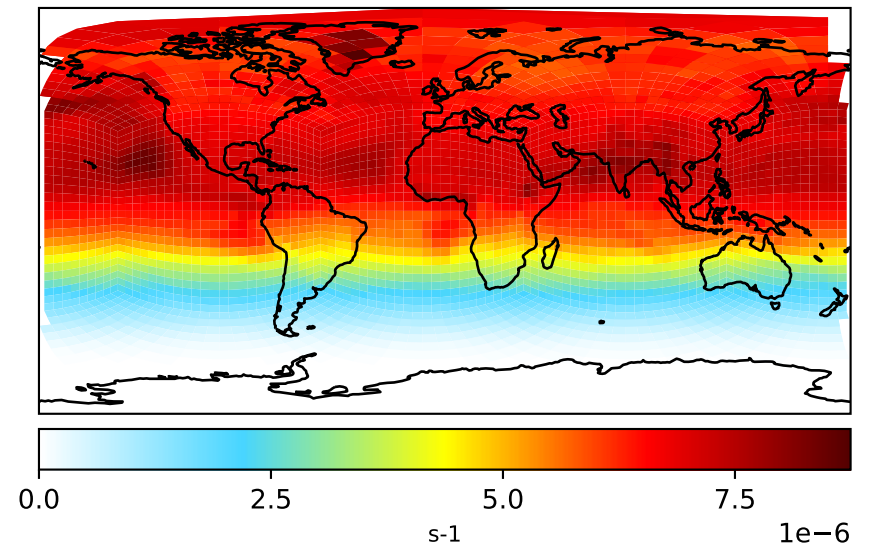


Jval_GLYC

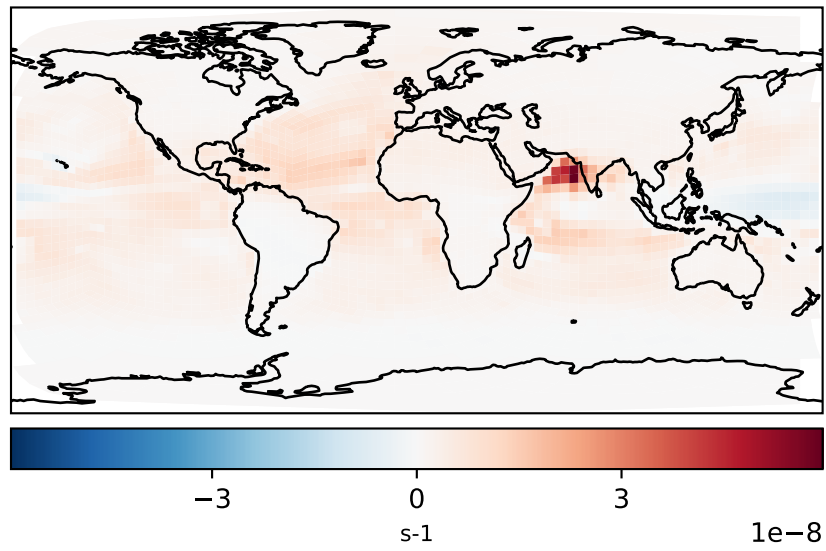
Processed GEOS-FP input, 3-hr winds (Ref)
c24



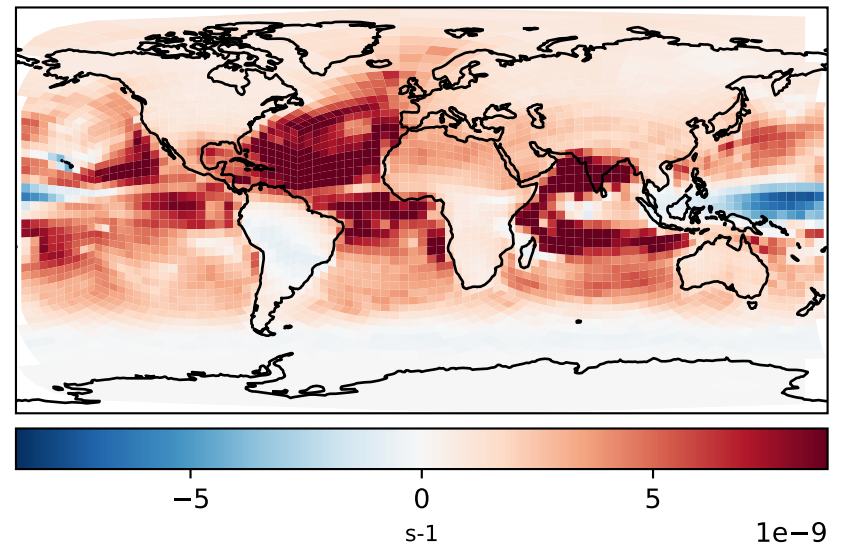
Raw GEOS-FP input, 3-hr winds (Dev)
c24



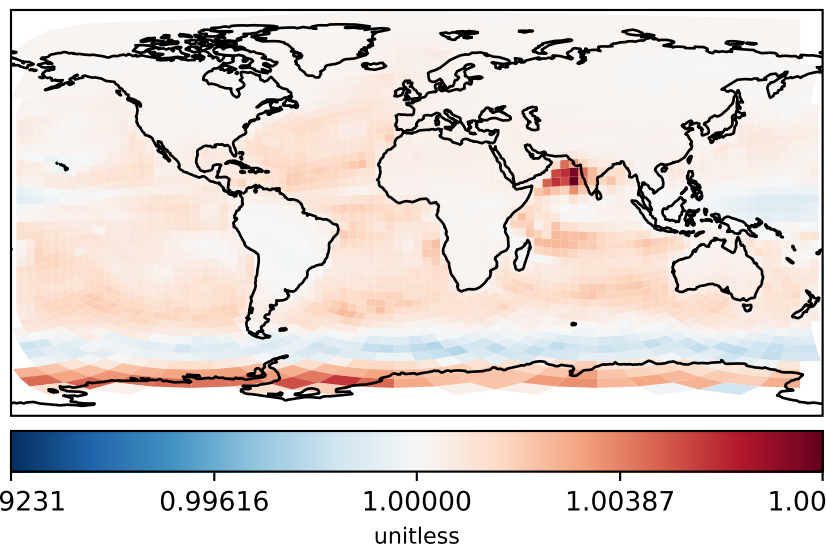
Difference
Dev - Ref, Dynamic Range



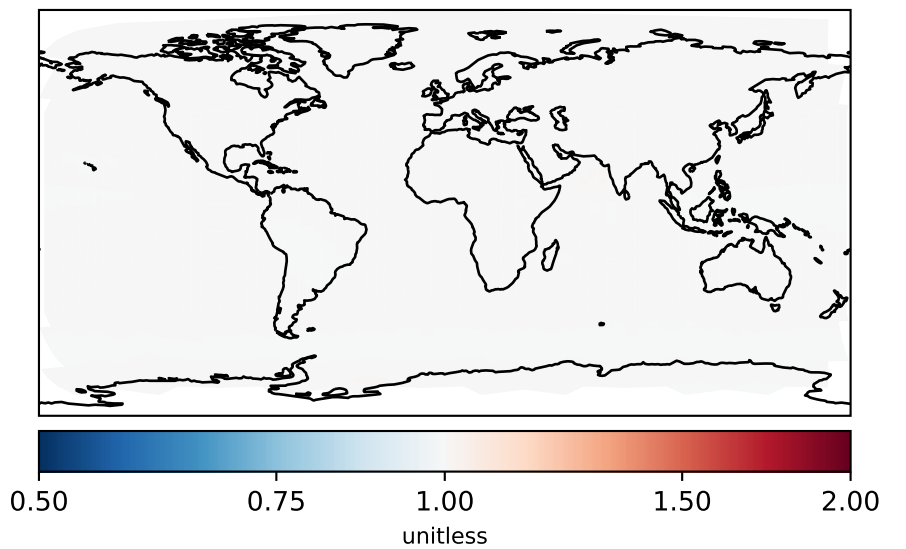
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

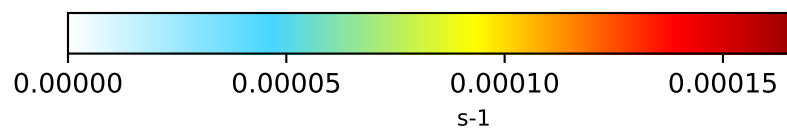
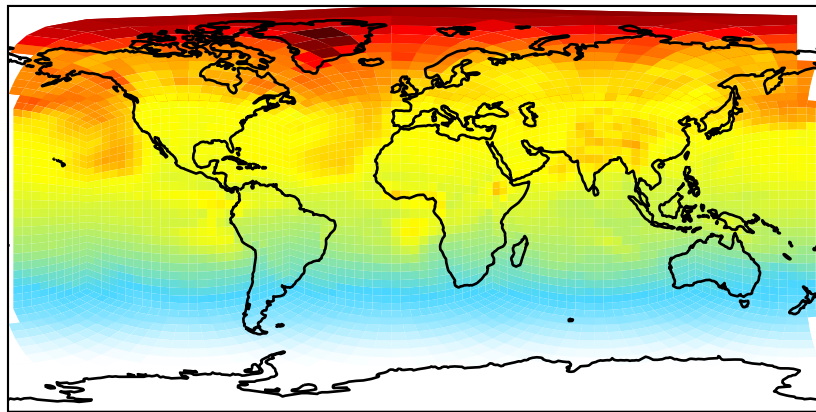


Ratio
Dev/Ref, Fixed Range

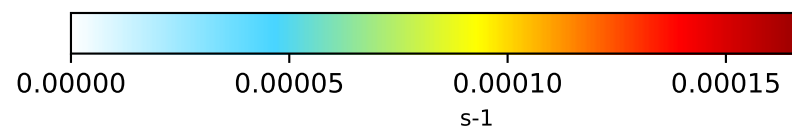
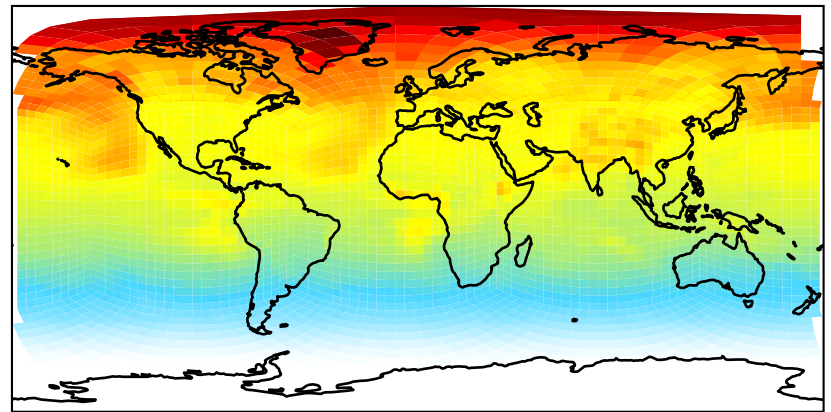


Jval_GLYX

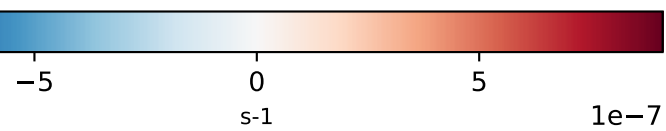
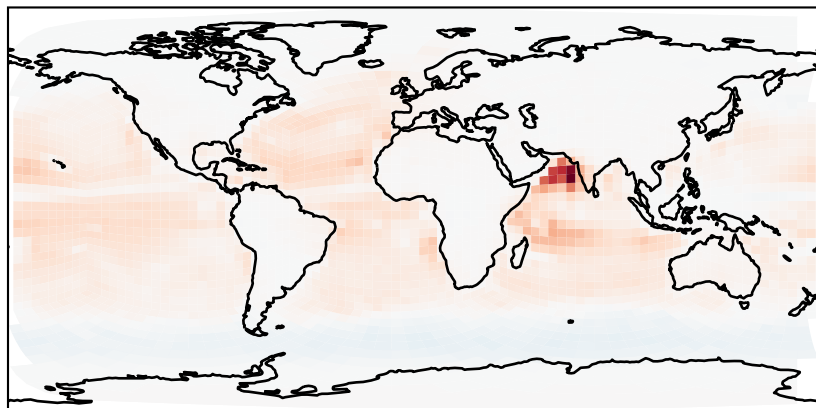
Processed GEOS-FP input, 3-hr winds (Ref)
c24



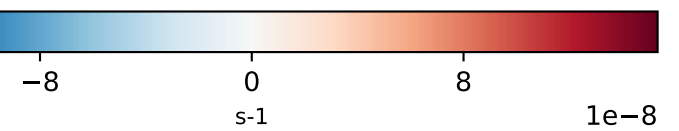
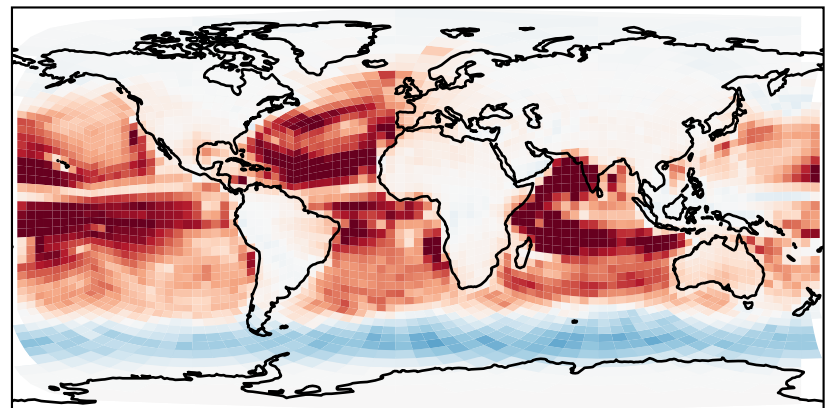
Raw GEOS-FP input, 3-hr winds (Dev)
c24



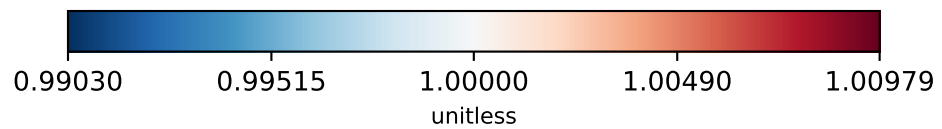
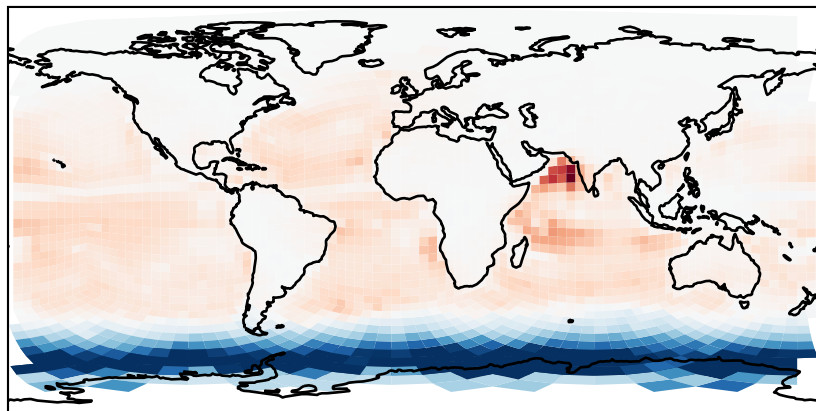
Difference
Dev - Ref, Dynamic Range



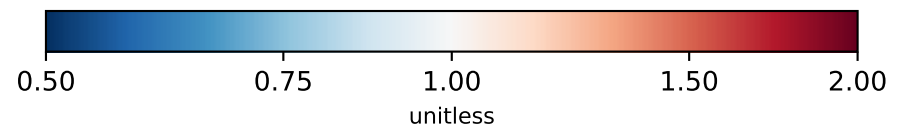
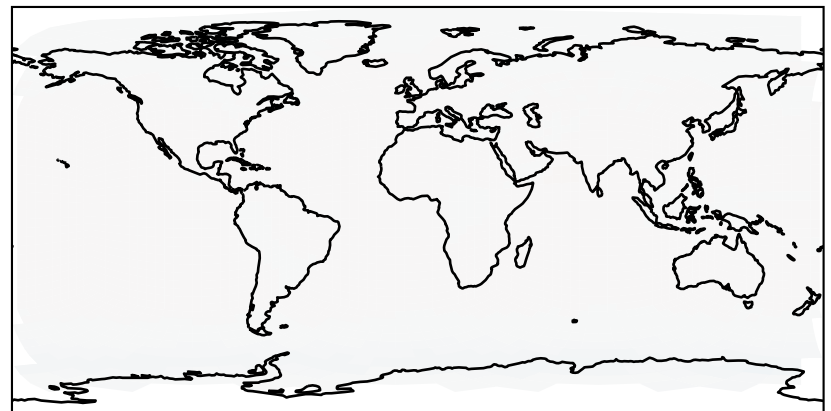
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

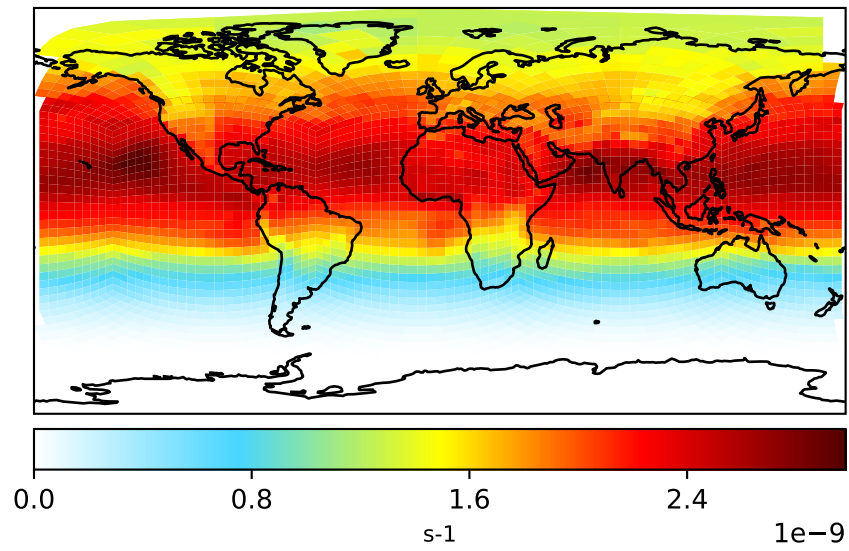


Ratio
Dev/Ref, Fixed Range

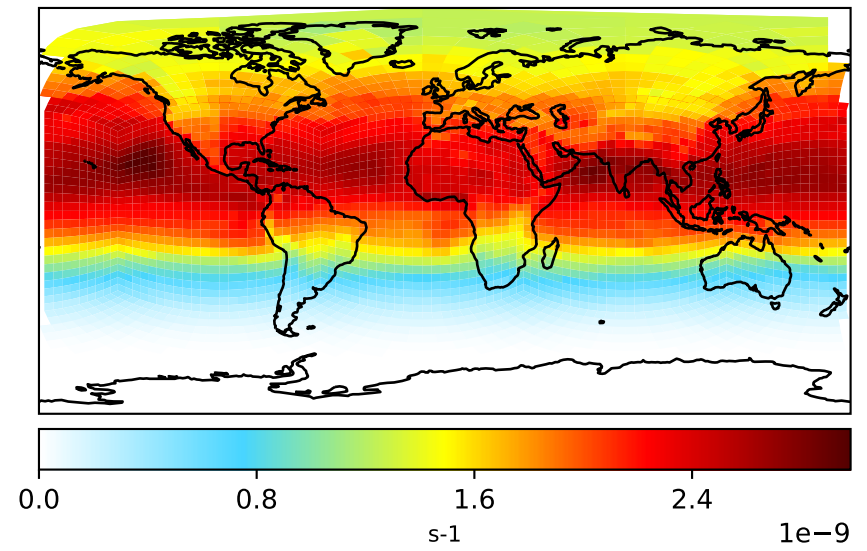


Jval_H1211

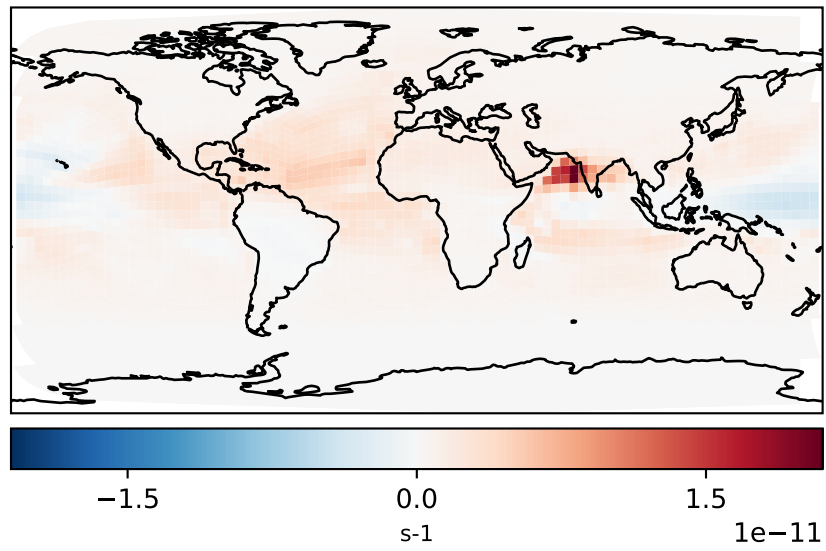
Processed GEOS-FP input, 3-hr winds (Ref)
c24



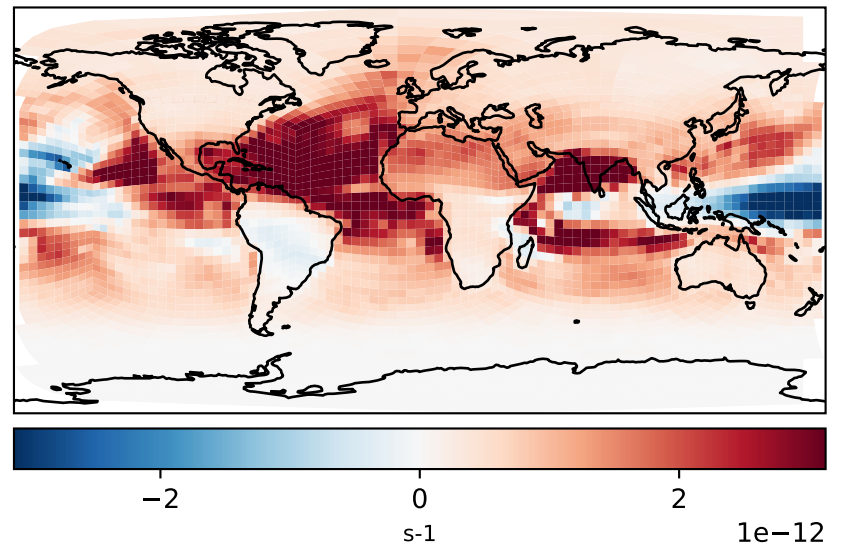
Raw GEOS-FP input, 3-hr winds (Dev)
c24



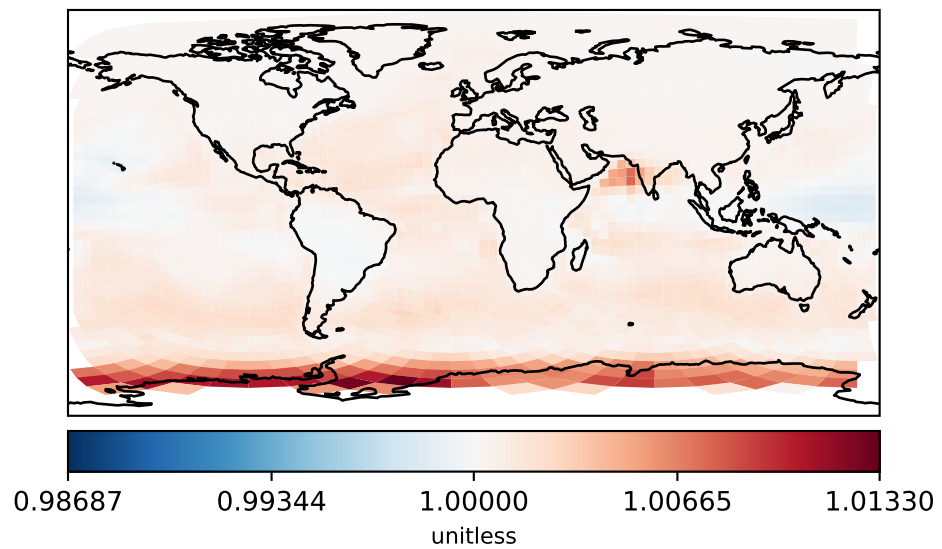
Difference
Dev - Ref, Dynamic Range



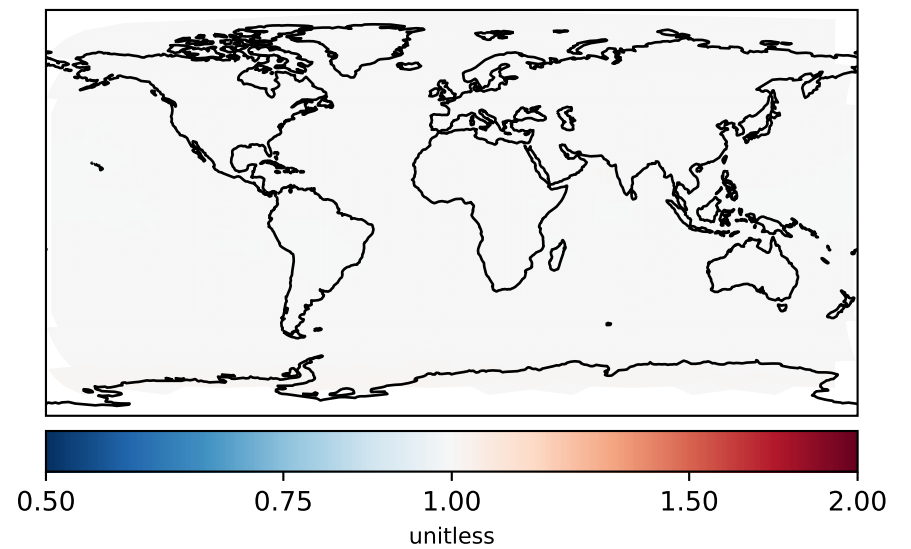
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

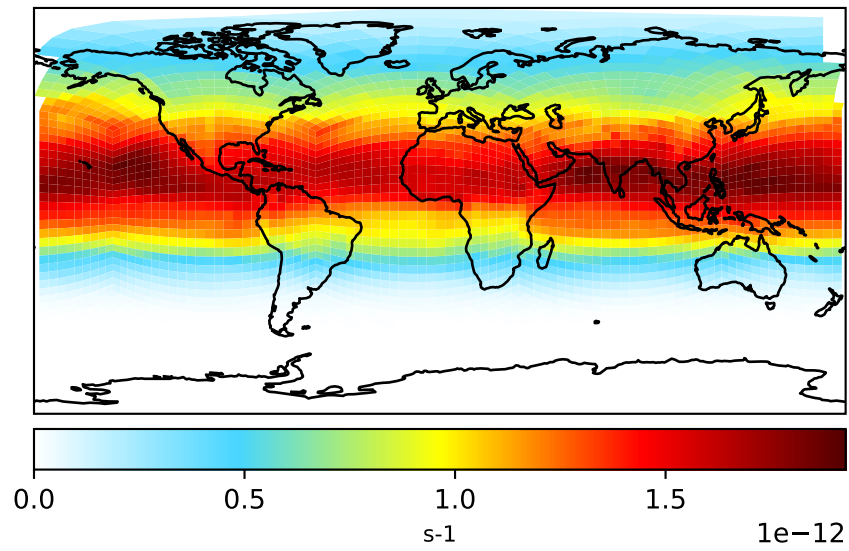


Ratio
Dev/Ref, Fixed Range

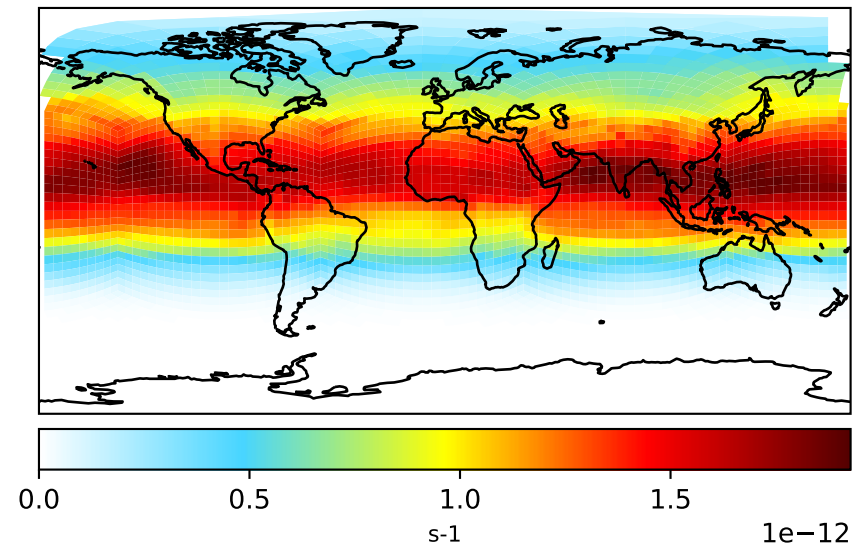


Jval_H1301

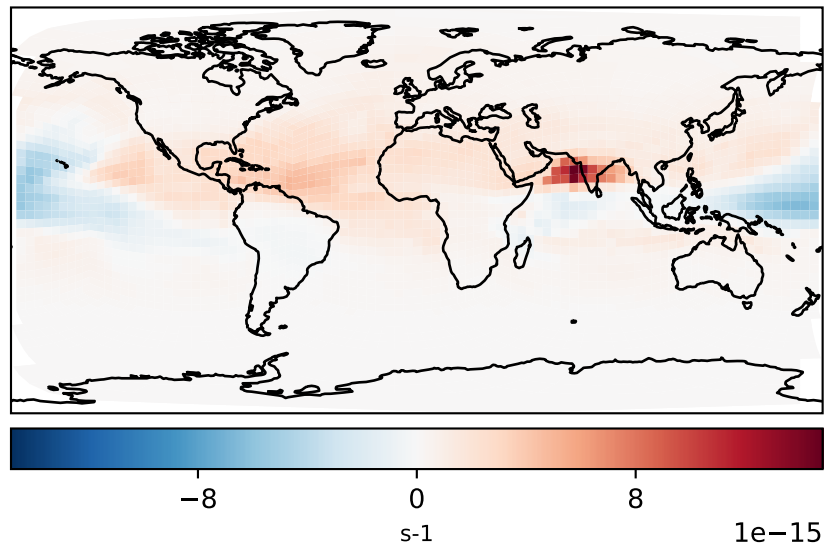
Processed GEOS-FP input, 3-hr winds (Ref)
c24



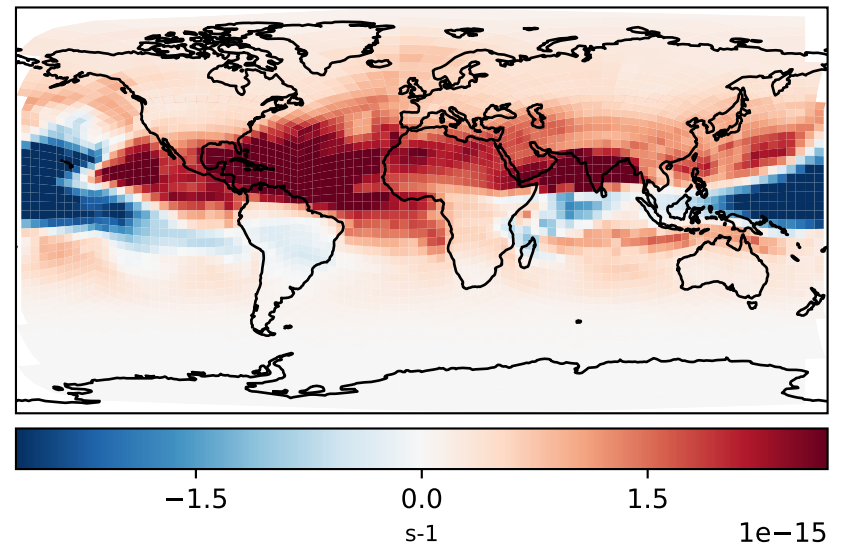
Raw GEOS-FP input, 3-hr winds (Dev)
c24



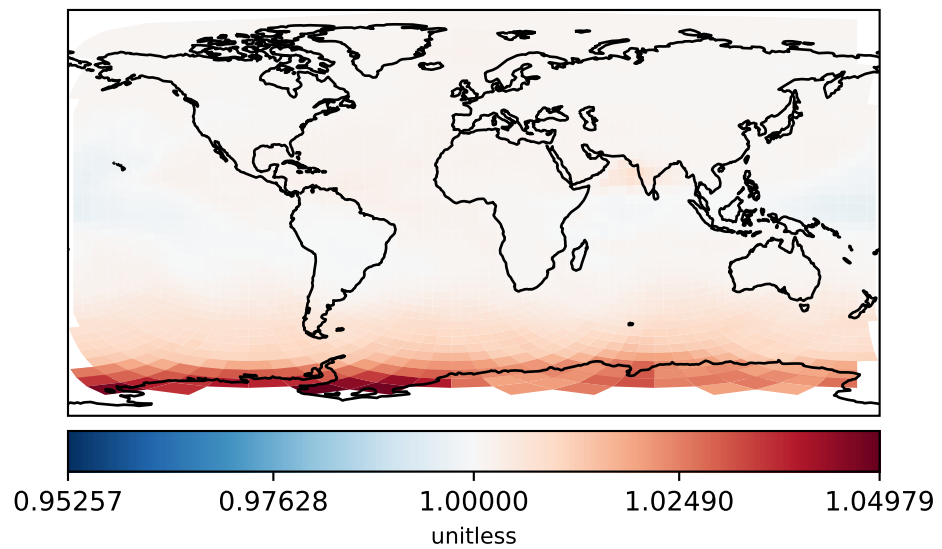
Difference
Dev - Ref, Dynamic Range



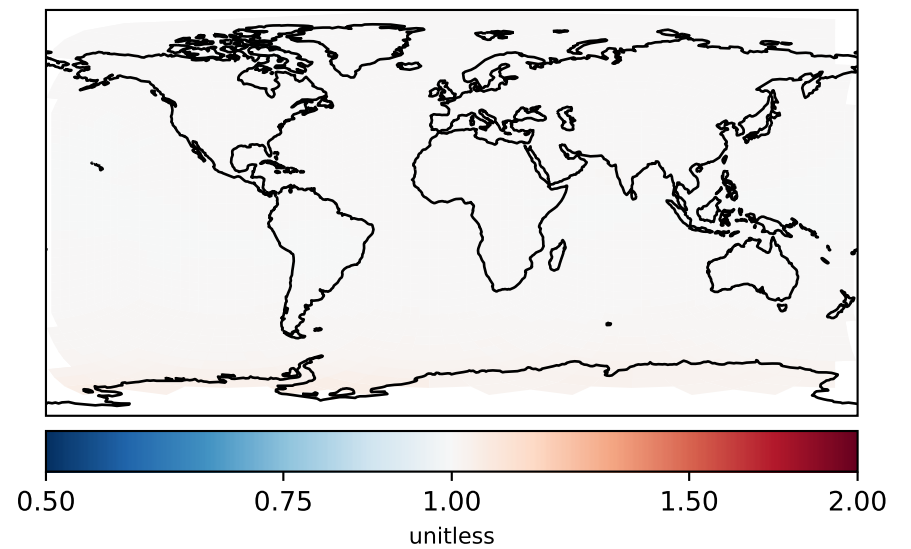
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

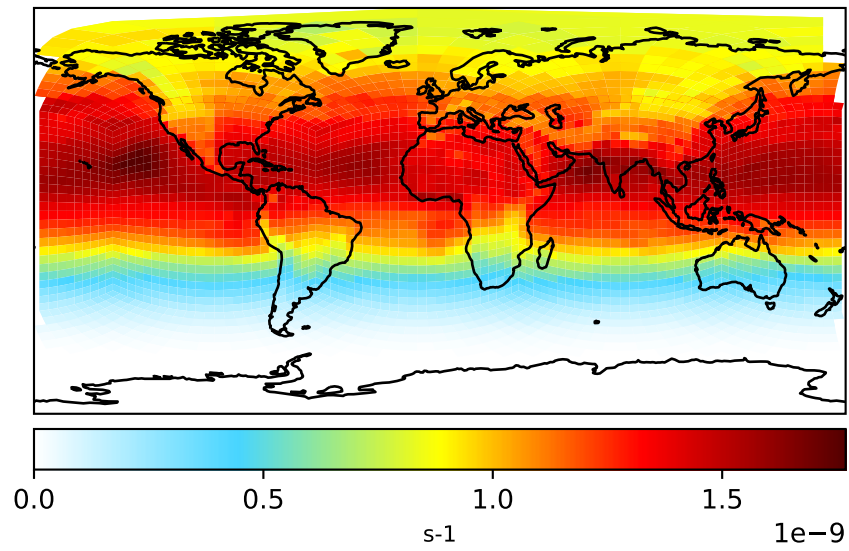


Ratio
Dev/Ref, Fixed Range

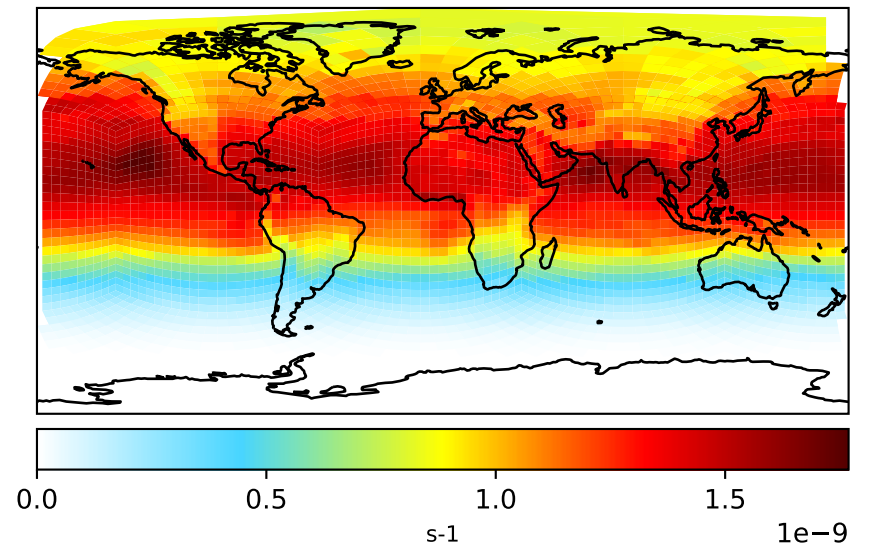


Jval_H2402

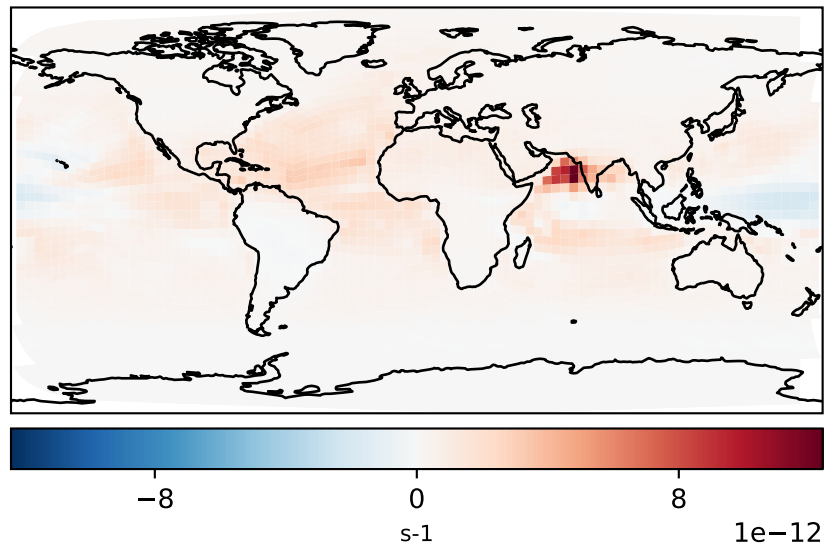
Processed GEOS-FP input, 3-hr winds (Ref)
c24



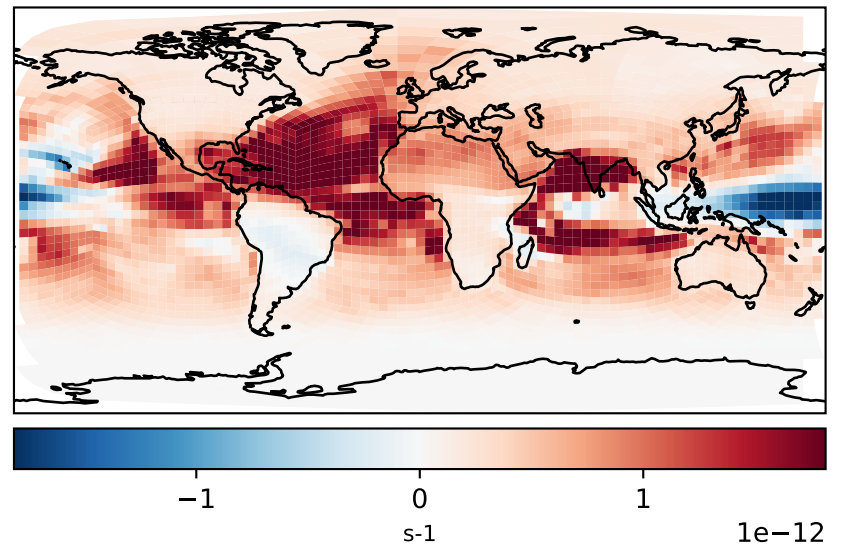
Raw GEOS-FP input, 3-hr winds (Dev)
c24



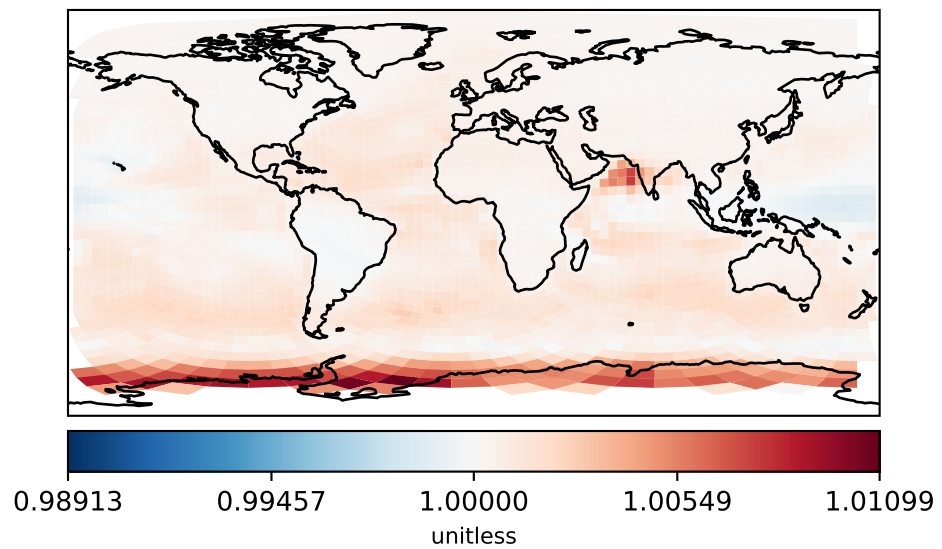
Difference
Dev - Ref, Dynamic Range



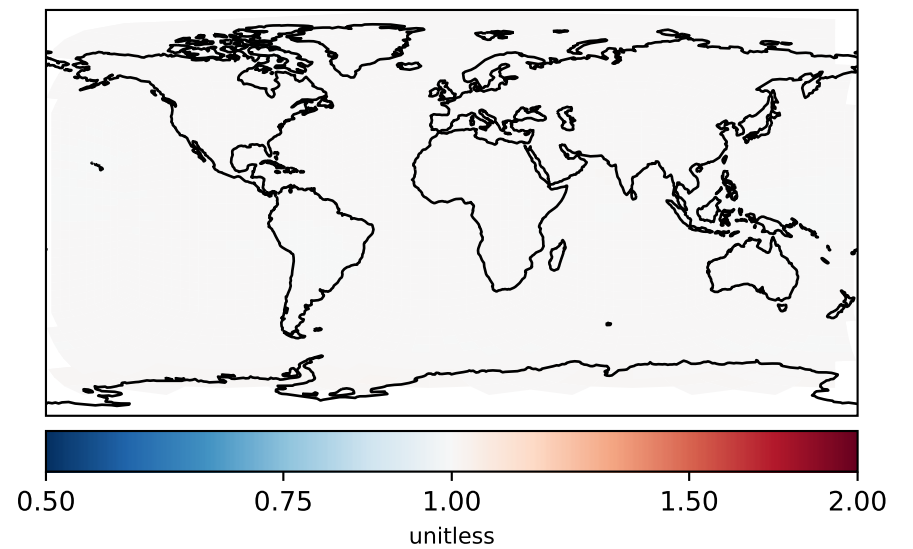
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

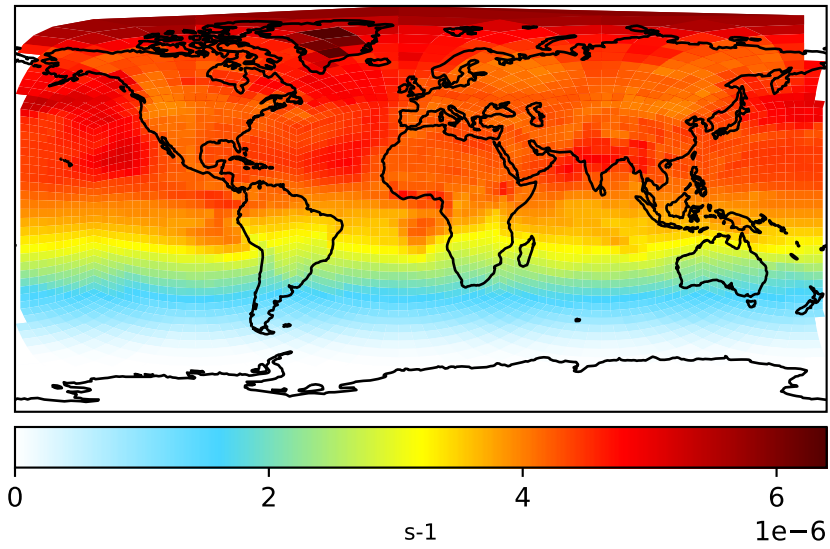


Ratio
Dev/Ref, Fixed Range

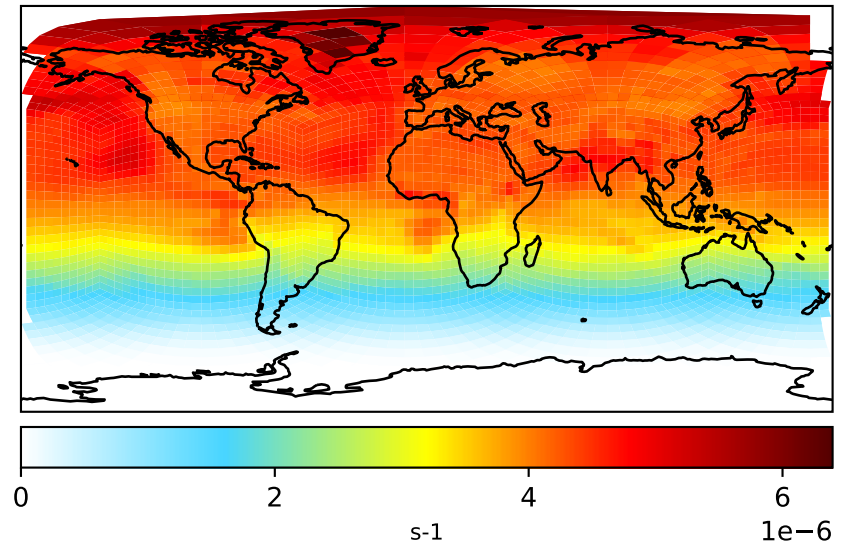


Jval_H2O2

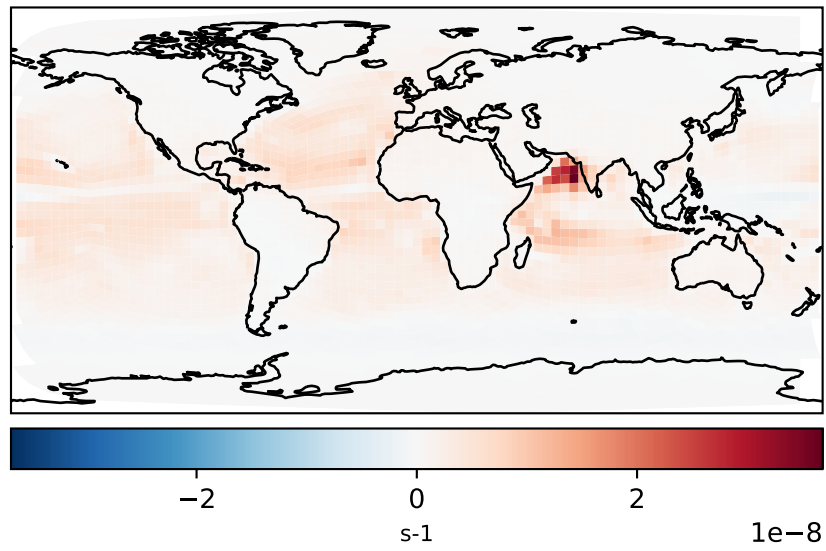
Processed GEOS-FP input, 3-hr winds (Ref)
c24



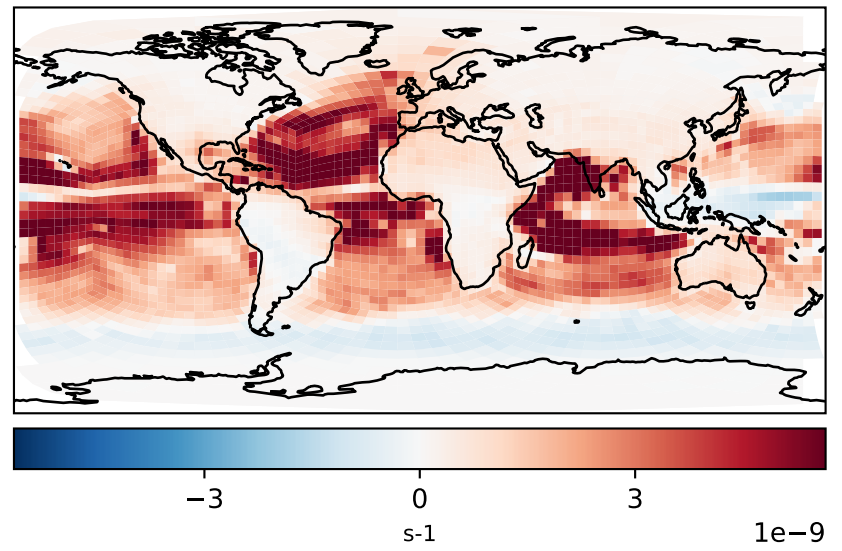
Raw GEOS-FP input, 3-hr winds (Dev)
c24



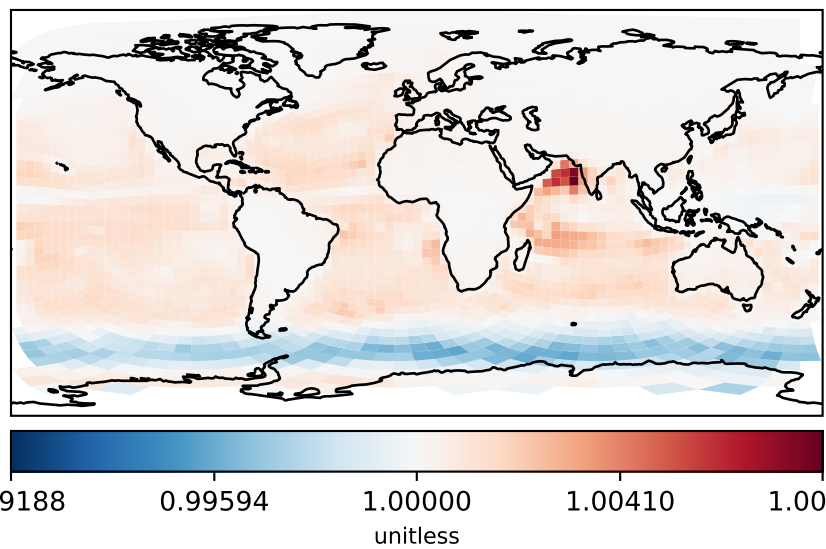
Difference
Dev - Ref, Dynamic Range



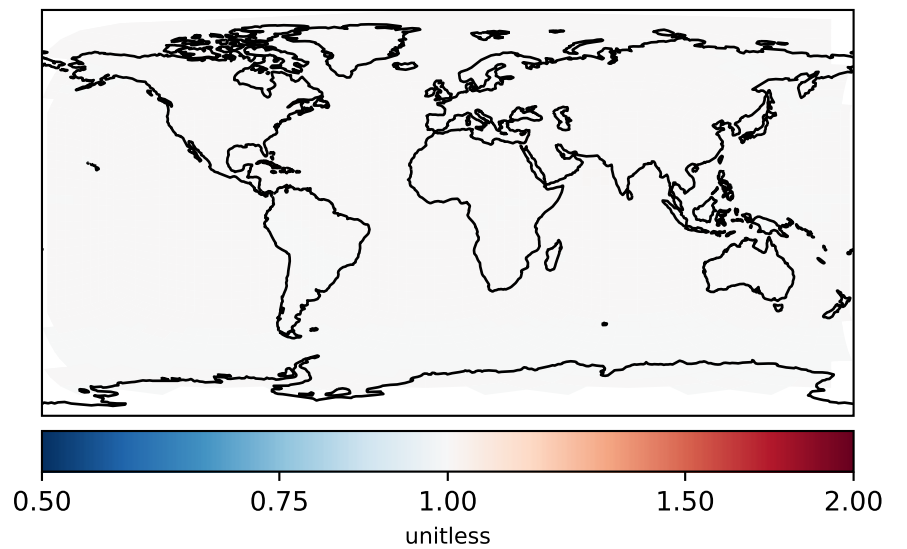
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

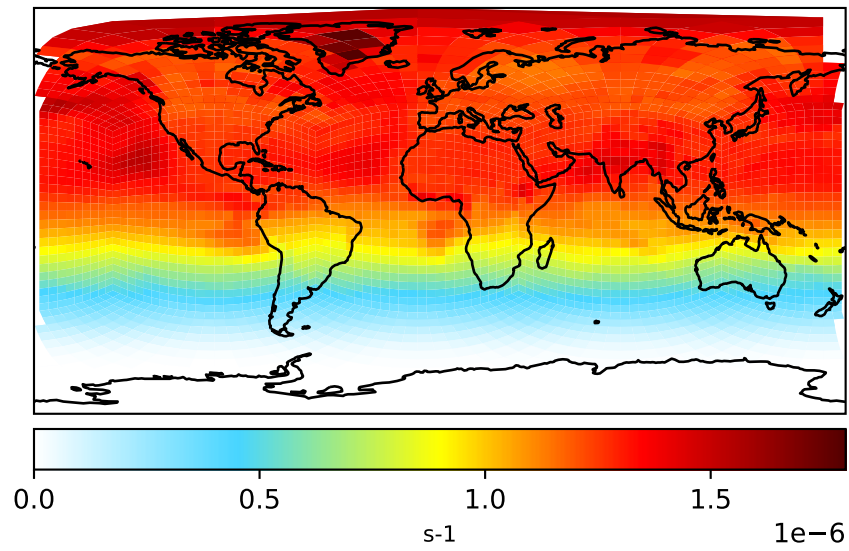


Ratio
Dev/Ref, Fixed Range

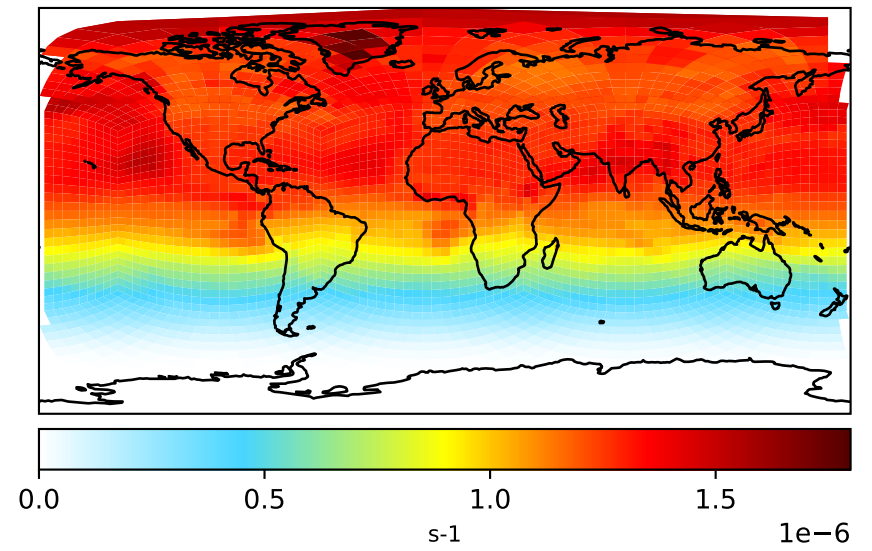


Jval_HAC

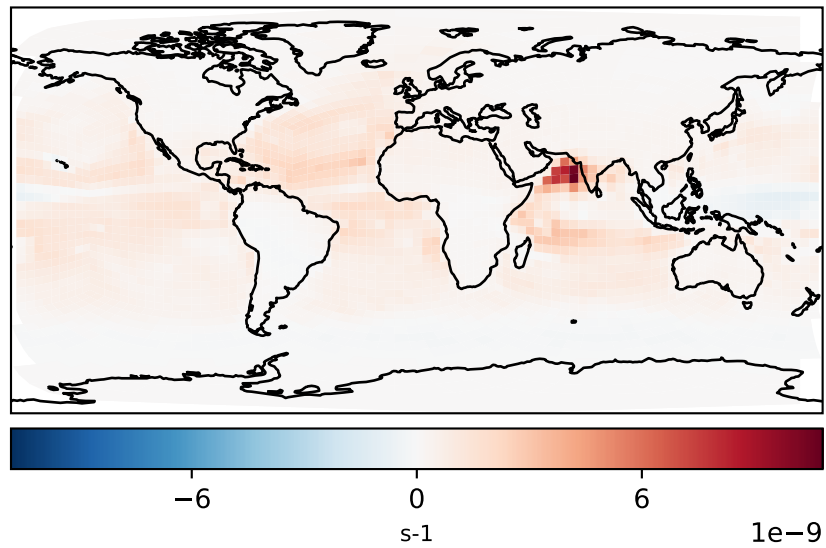
Processed GEOS-FP input, 3-hr winds (Ref)
c24



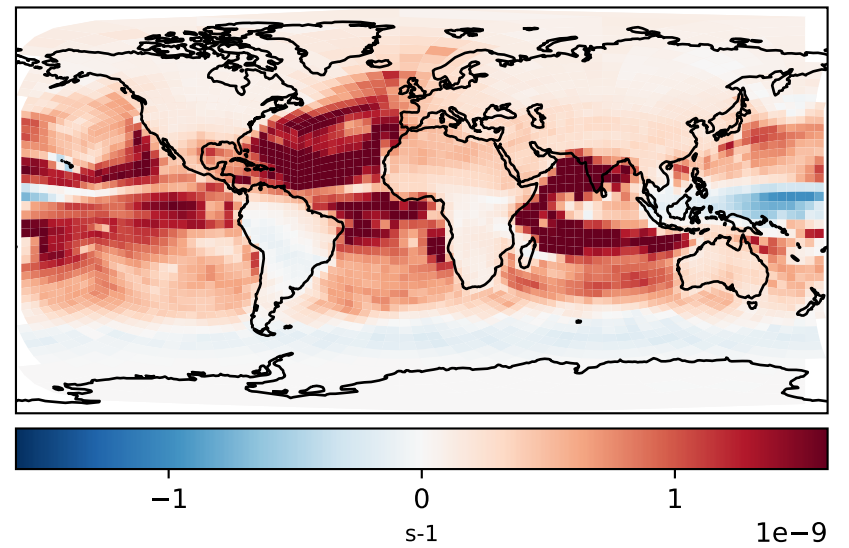
Raw GEOS-FP input, 3-hr winds (Dev)
c24



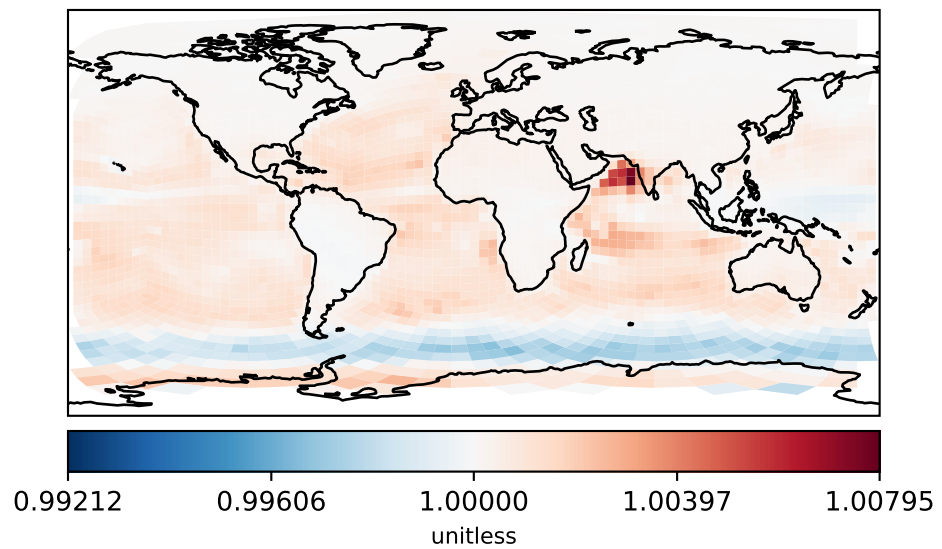
Difference
Dev - Ref, Dynamic Range



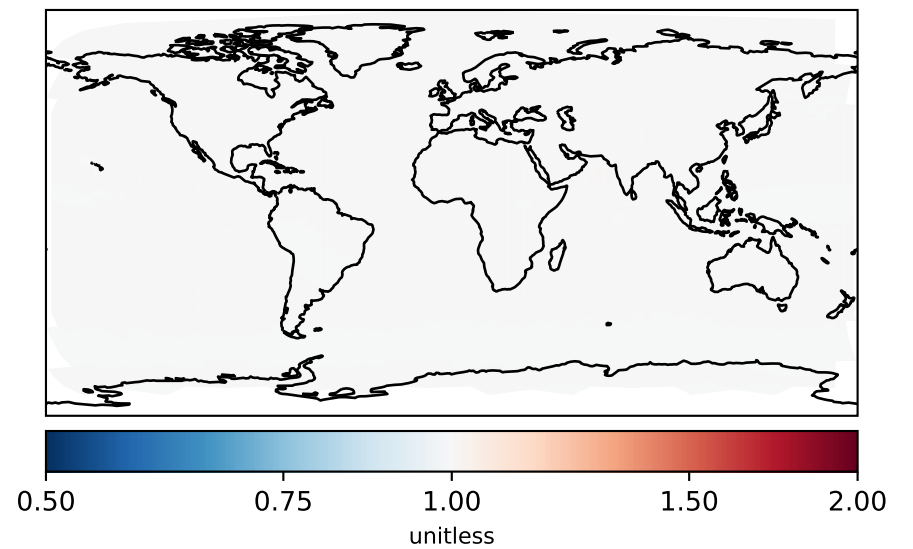
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

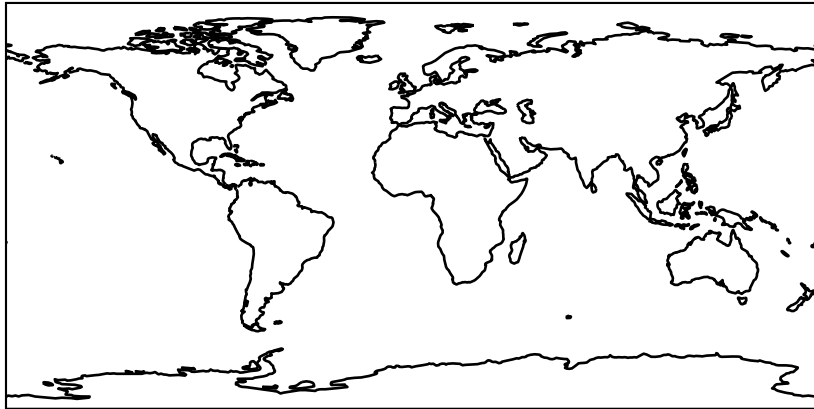


Ratio
Dev/Ref, Fixed Range



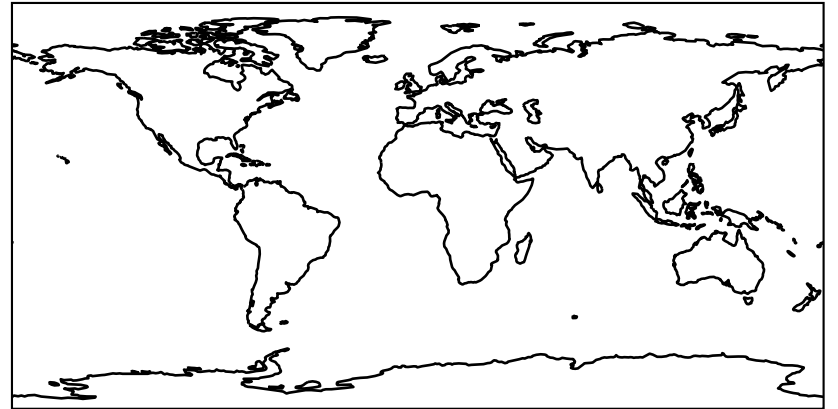
Jval_HC5A

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



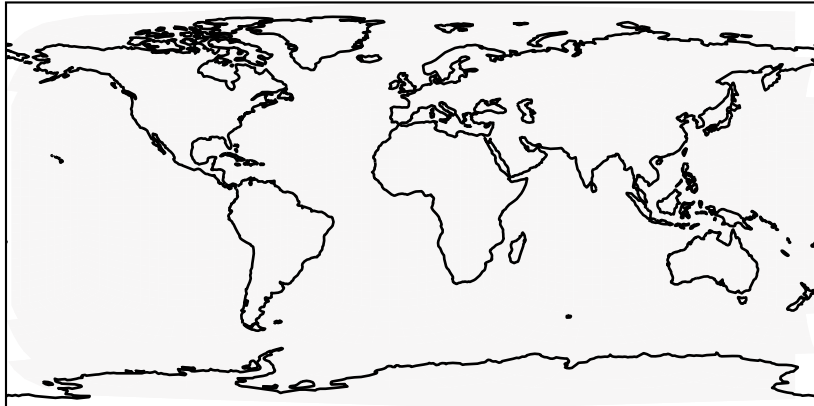
Zero throughout domain
s-1

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



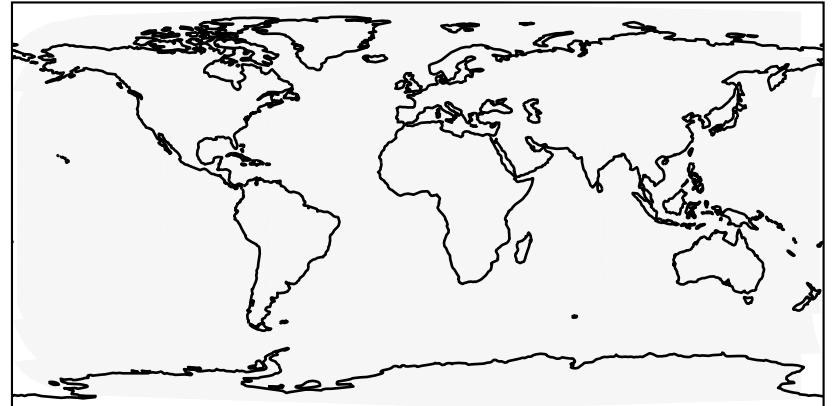
Zero throughout domain
s-1

Difference
Dev - Ref, Dynamic Range



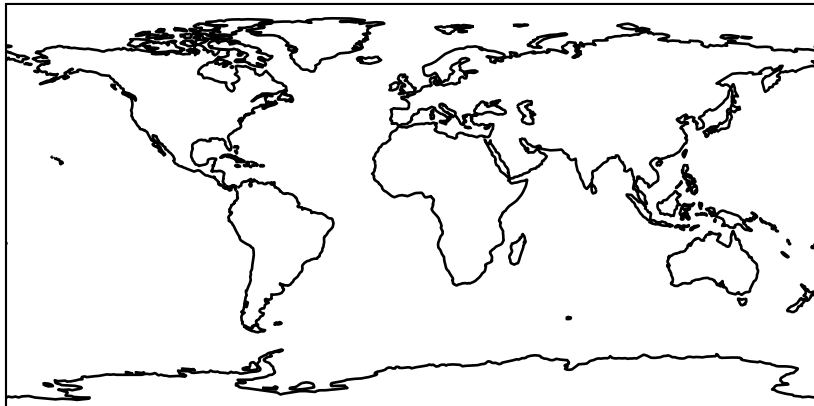
Zero throughout domain
s-1

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



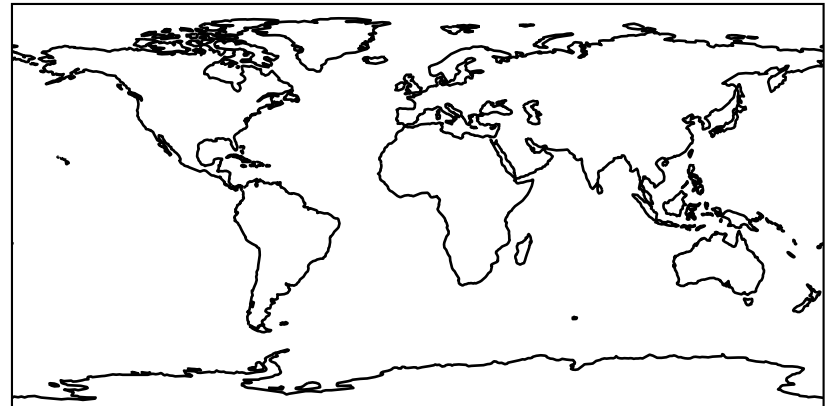
Zero throughout domain
s-1

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

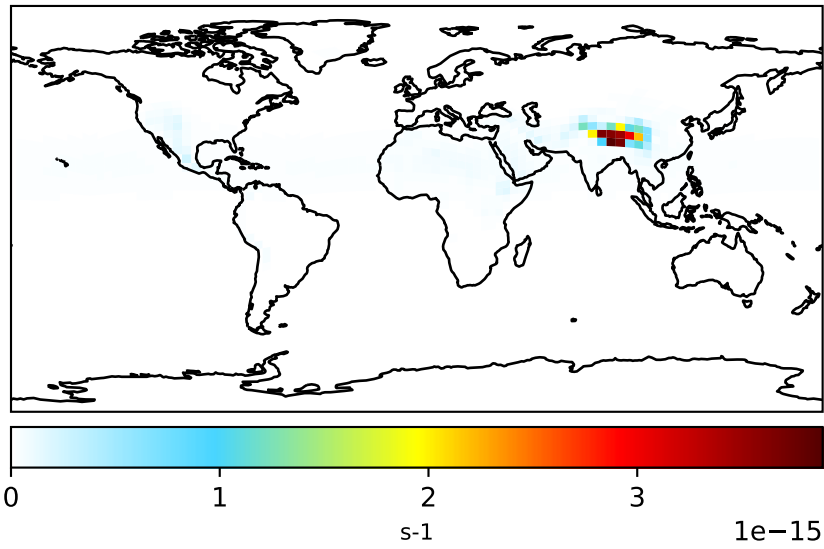
Ratio
Dev/Ref, Fixed Range



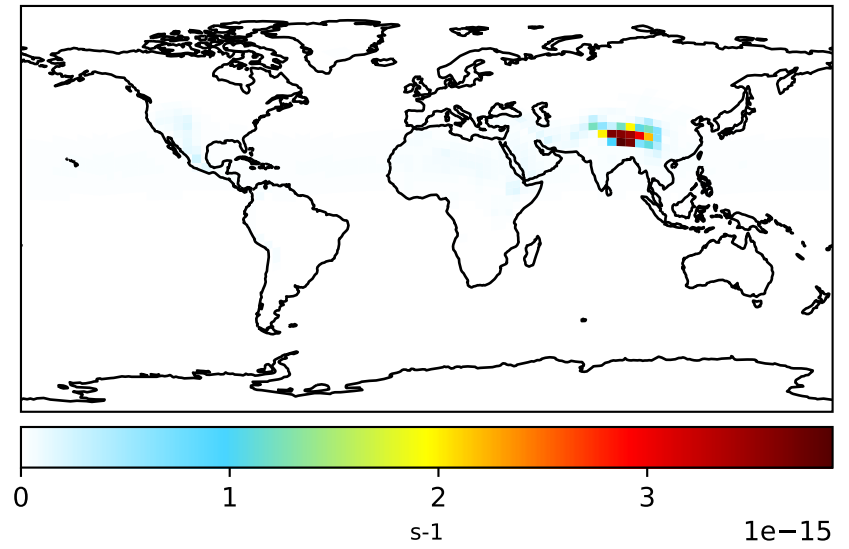
Undefined throughout domain
unitless

Jval_HCFC123

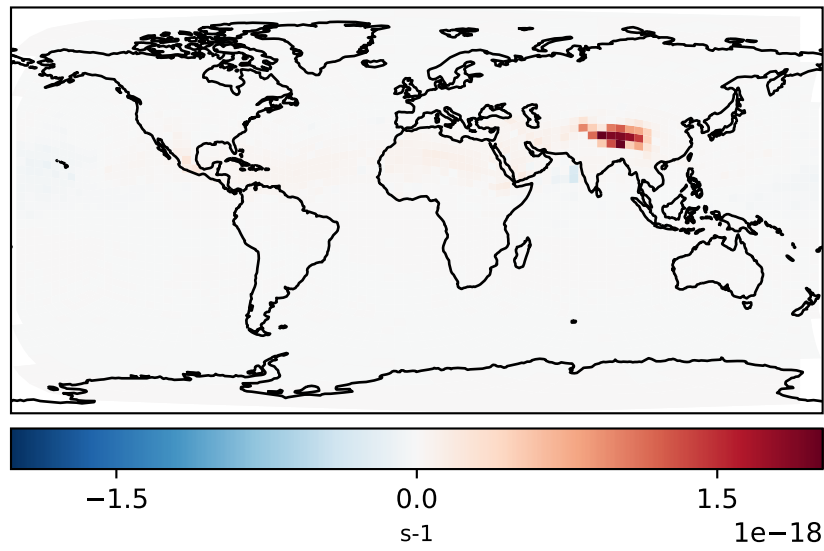
Processed GEOS-FP input, 3-hr winds (Ref)
c24



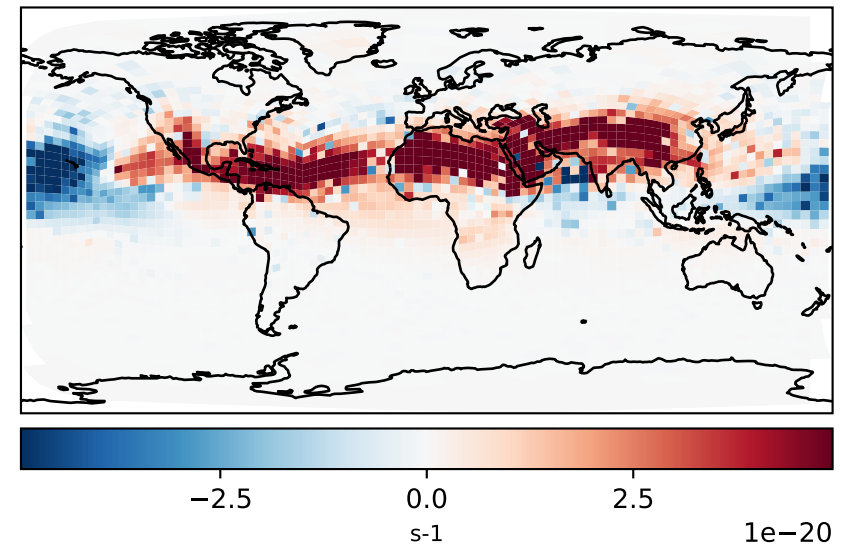
Raw GEOS-FP input, 3-hr winds (Dev)
c24



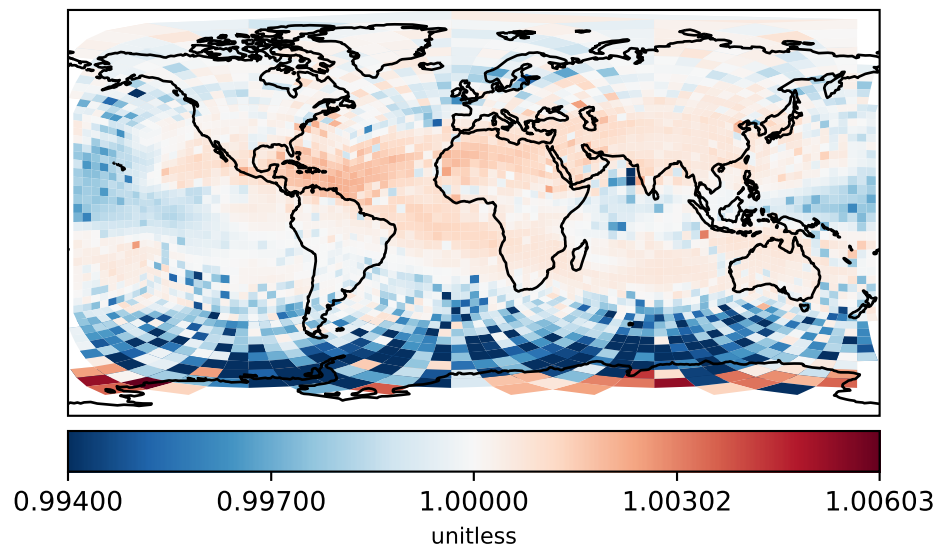
Difference
Dev - Ref, Dynamic Range



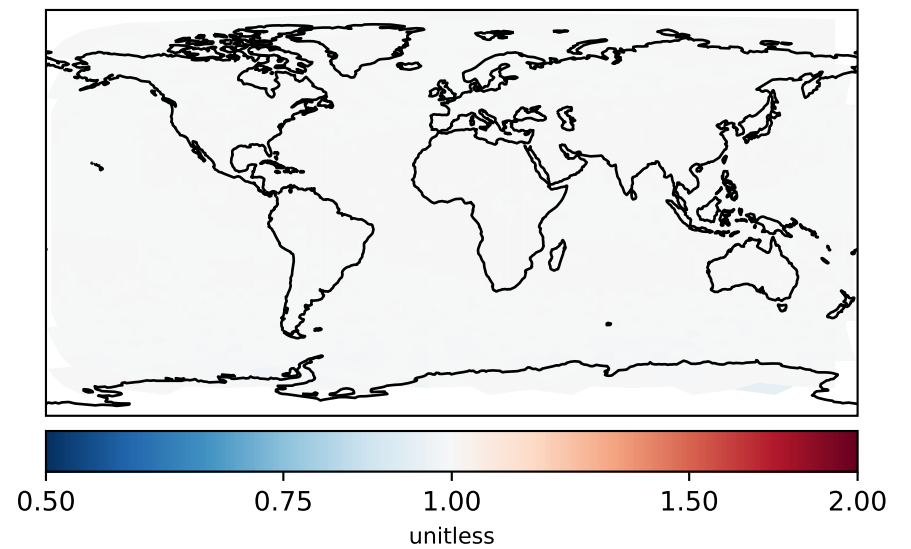
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

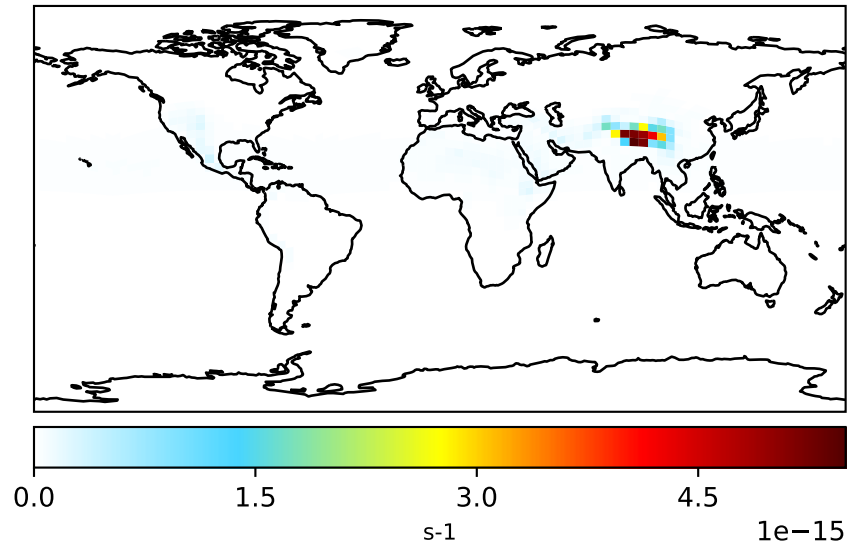


Ratio
Dev/Ref, Fixed Range

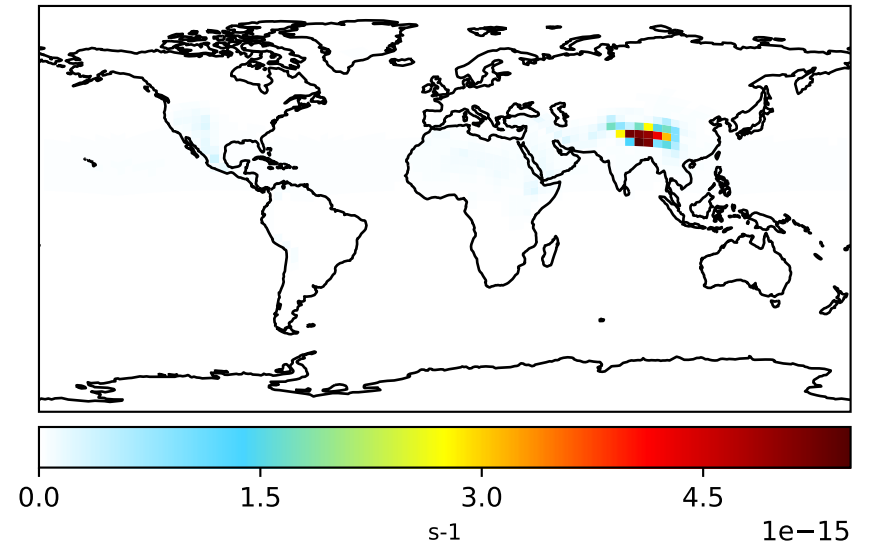


Jval_HCFC141b

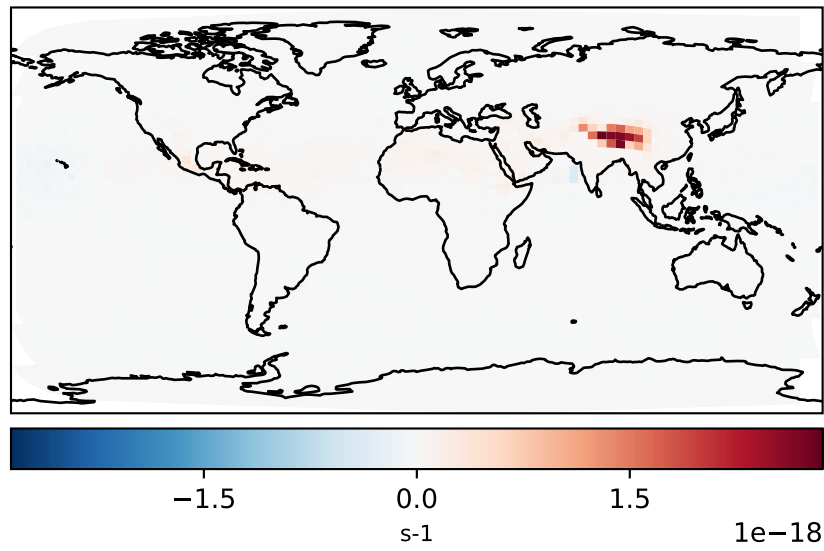
Processed GEOS-FP input, 3-hr winds (Ref)
c24



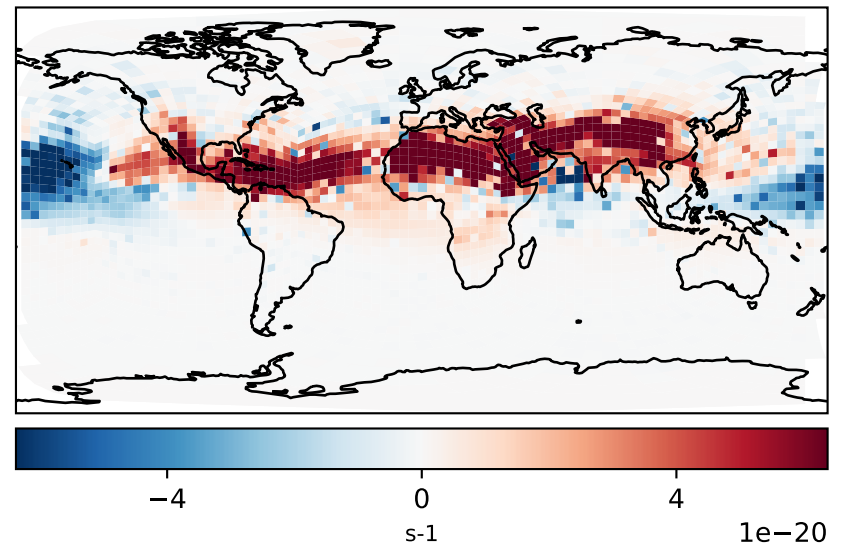
Raw GEOS-FP input, 3-hr winds (Dev)
c24



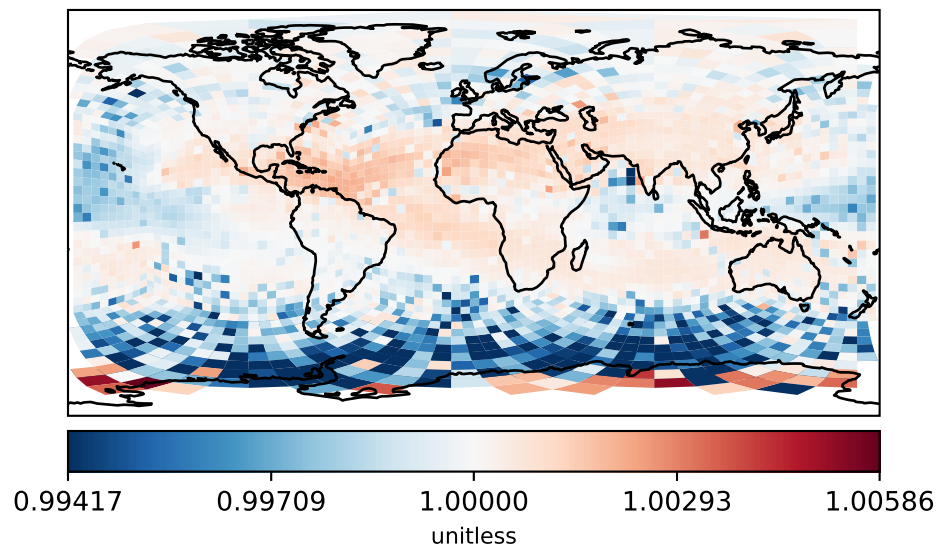
Difference
Dev - Ref, Dynamic Range



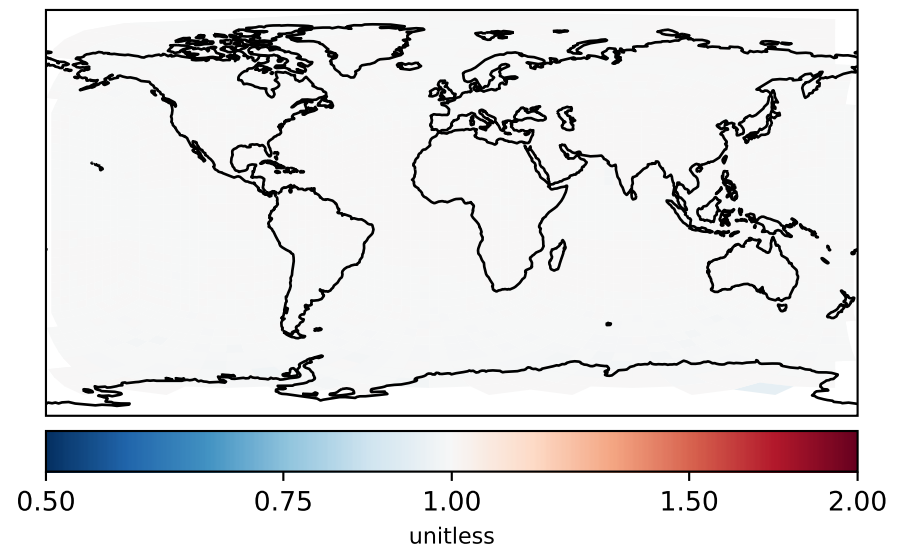
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

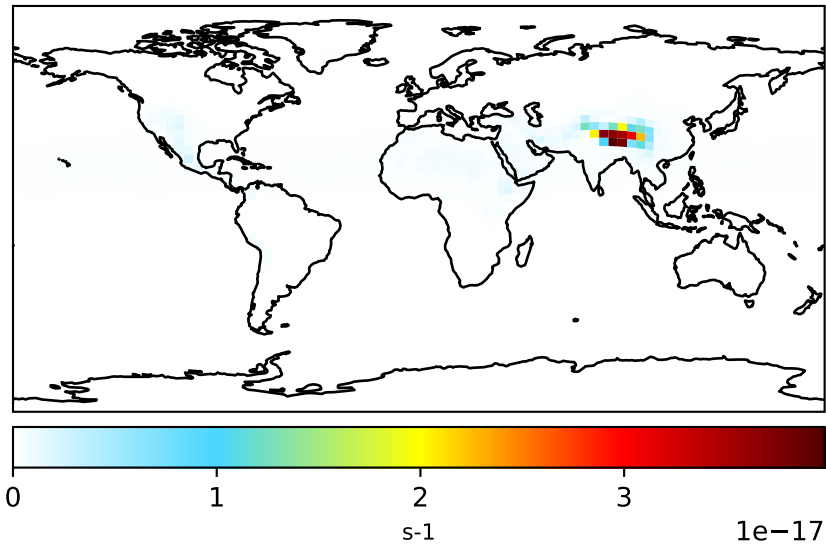


Ratio
Dev/Ref, Fixed Range

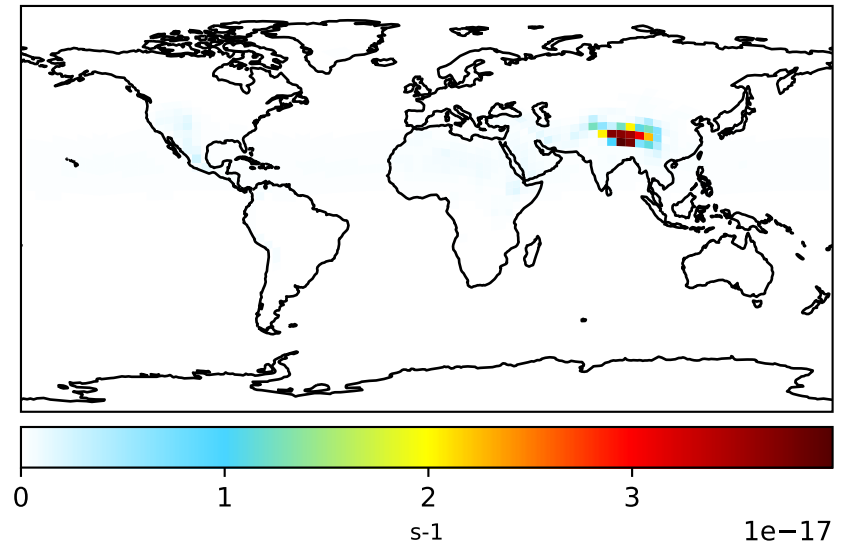


Jval_HCFC142b

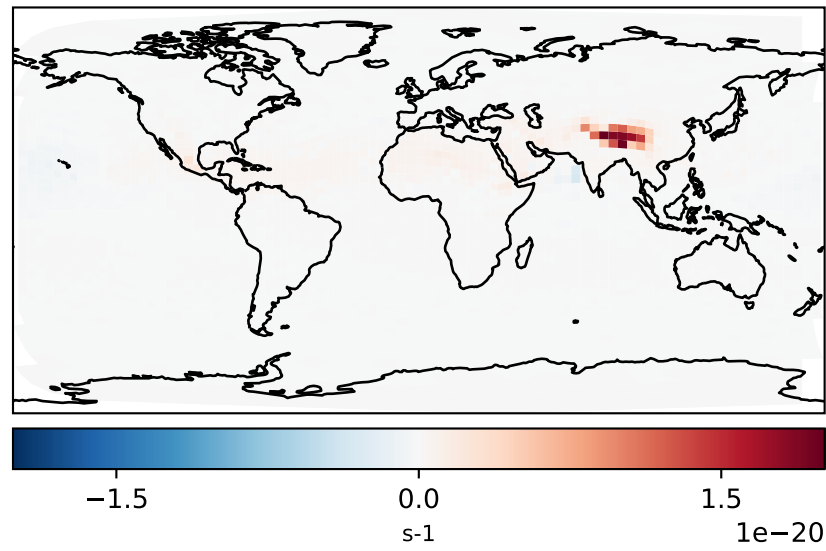
Processed GEOS-FP input, 3-hr winds (Ref)
c24



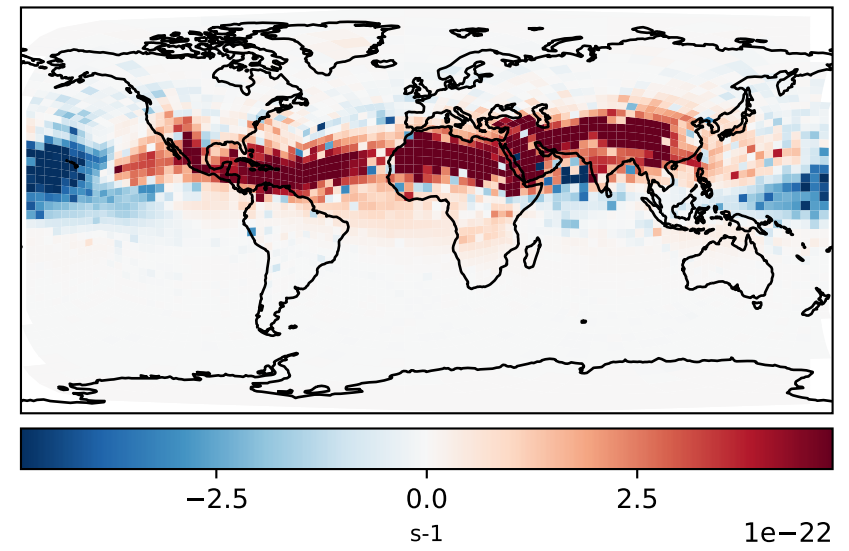
Raw GEOS-FP input, 3-hr winds (Dev)
c24



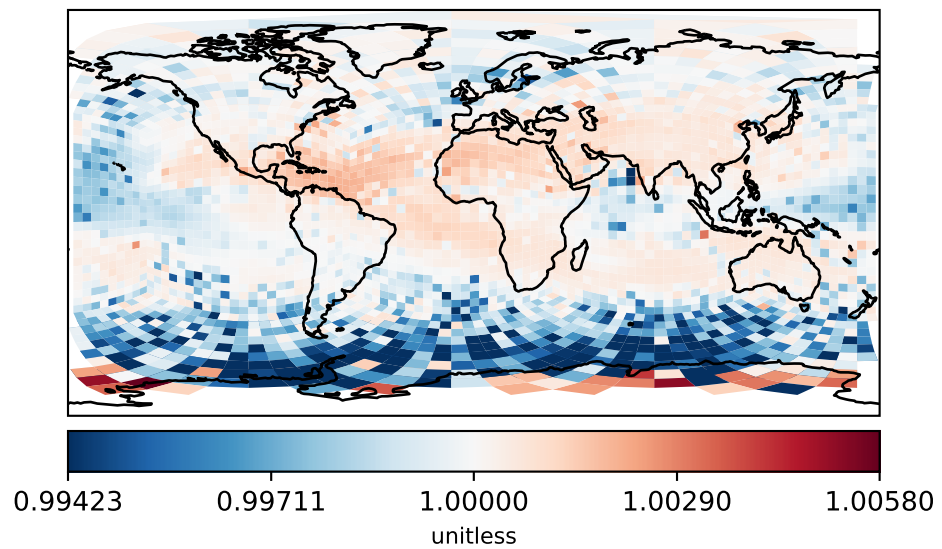
Difference
Dev - Ref, Dynamic Range



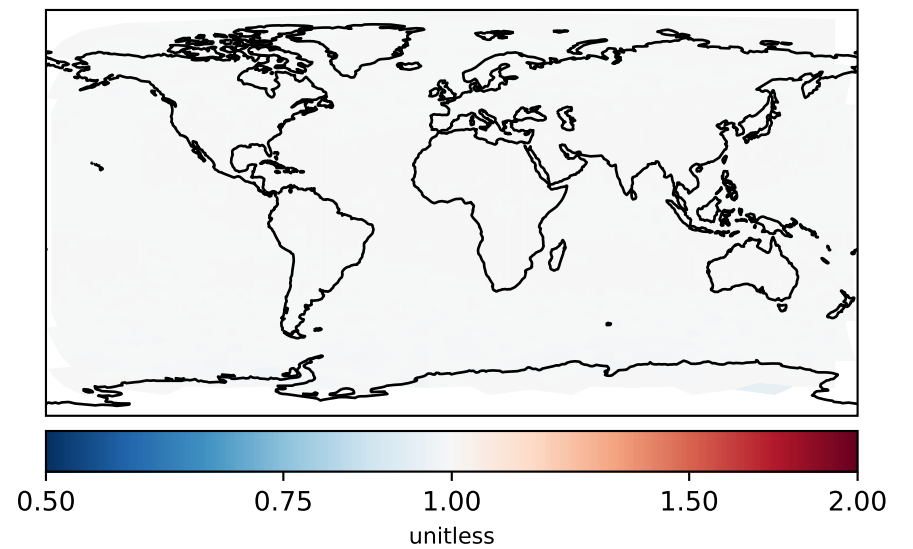
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

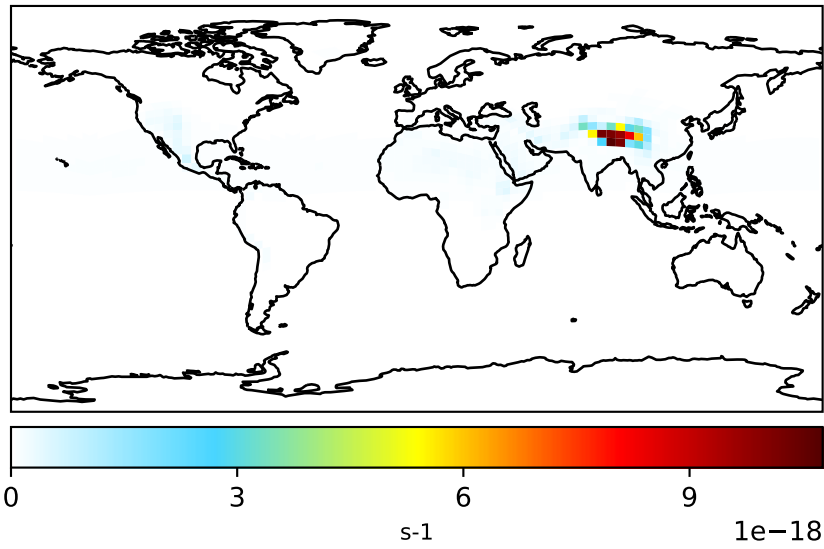


Ratio
Dev/Ref, Fixed Range

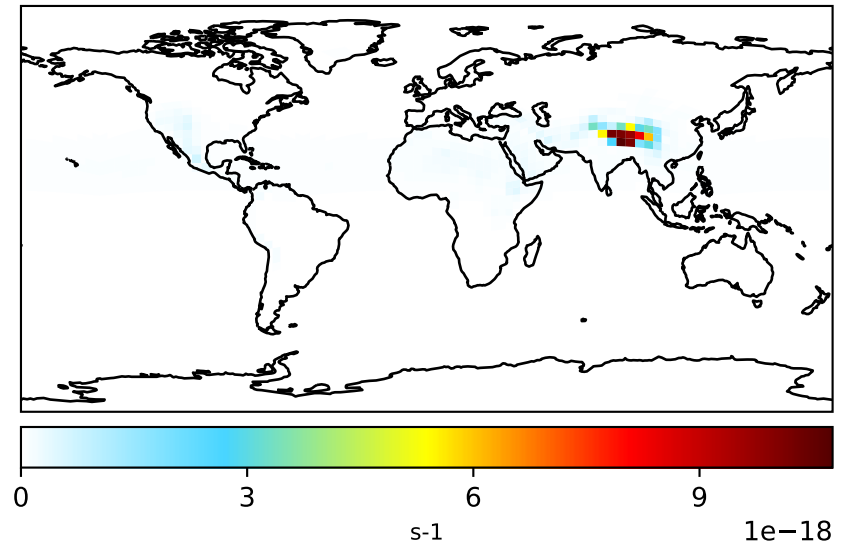


Jval_HCFC22

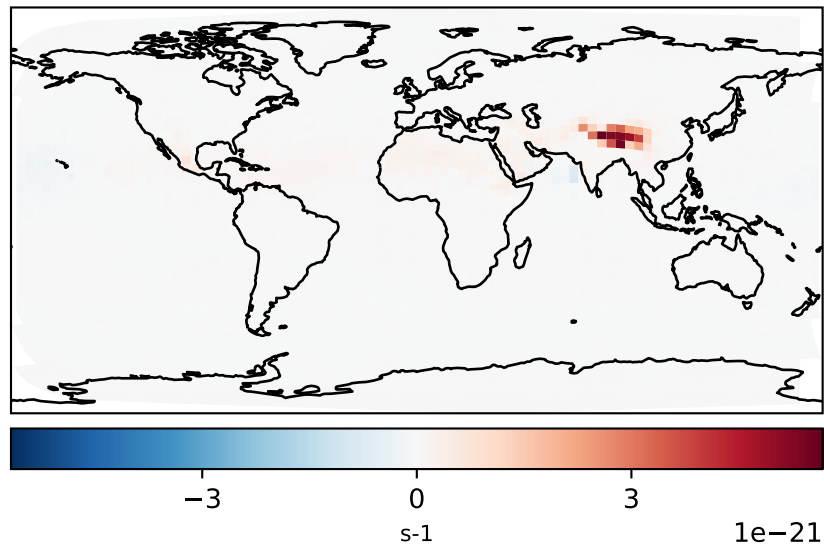
Processed GEOS-FP input, 3-hr winds (Ref)
c24



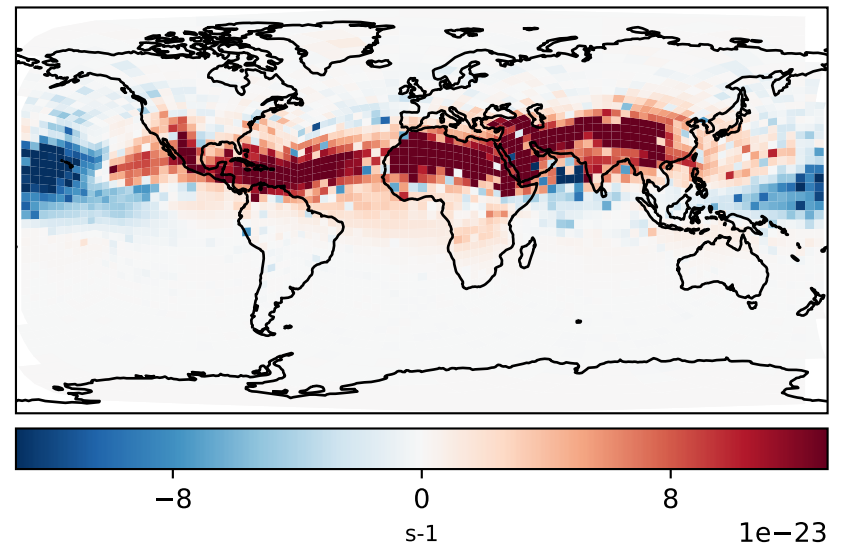
Raw GEOS-FP input, 3-hr winds (Dev)
c24



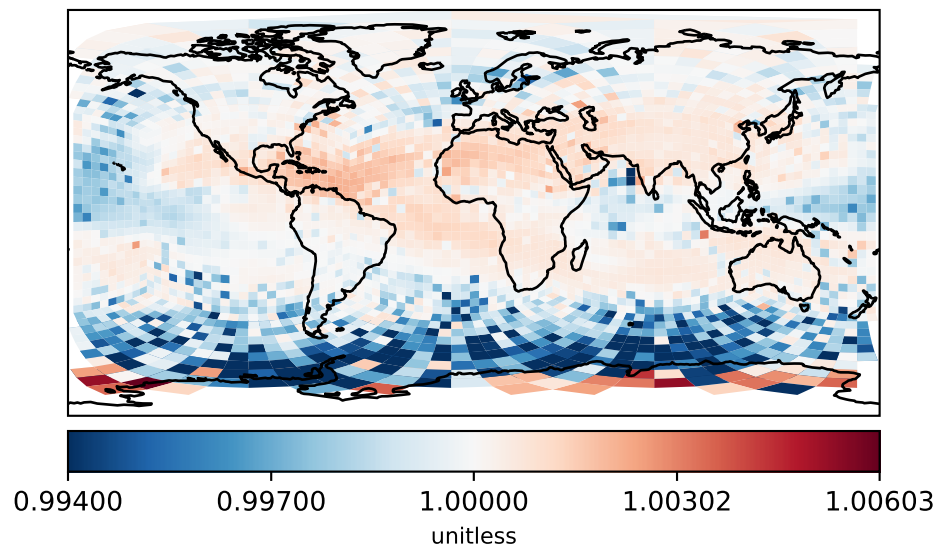
Difference
Dev - Ref, Dynamic Range



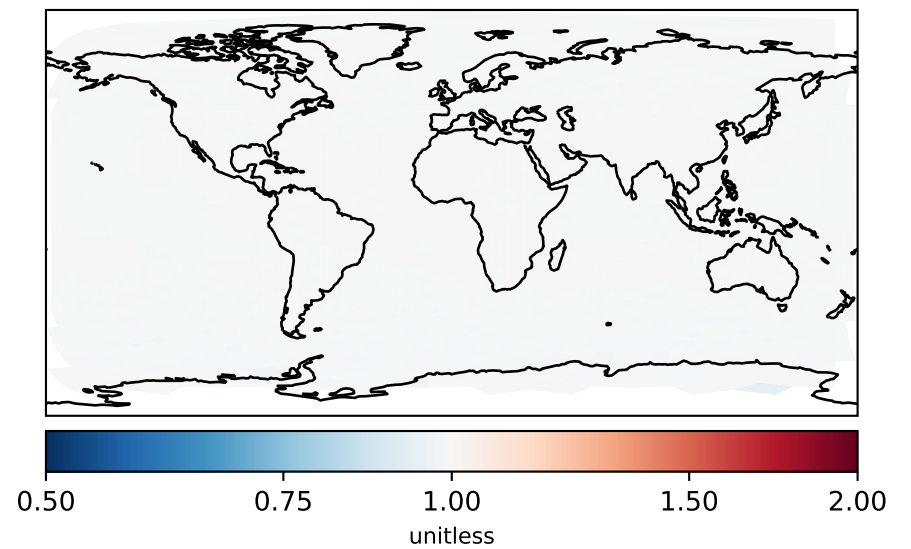
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

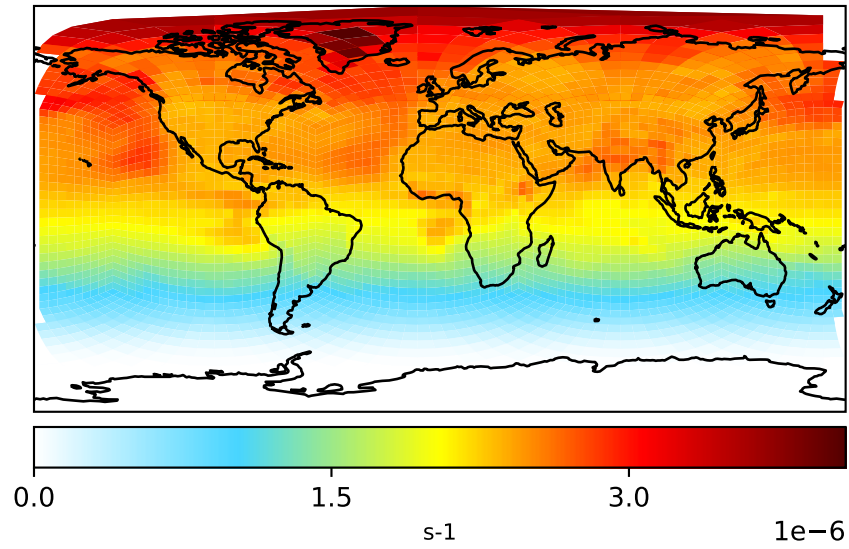


Ratio
Dev/Ref, Fixed Range

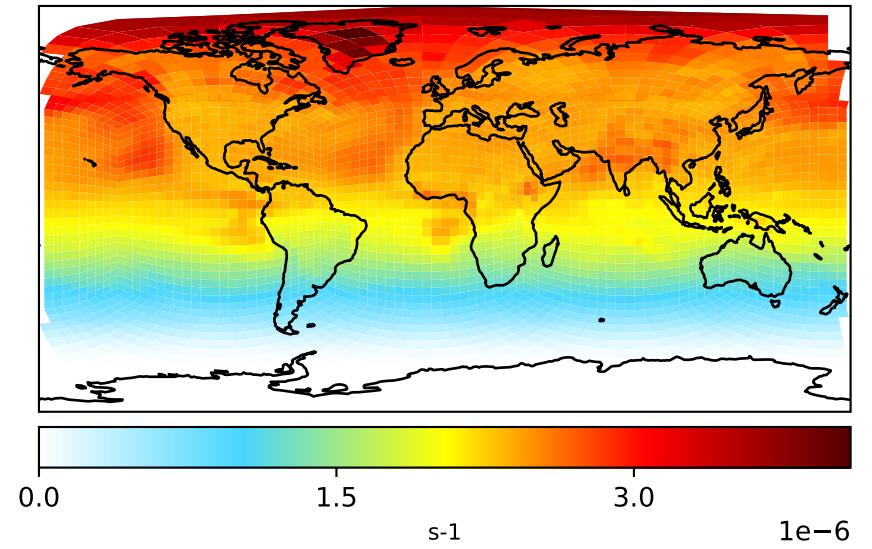


Jval_HMHP

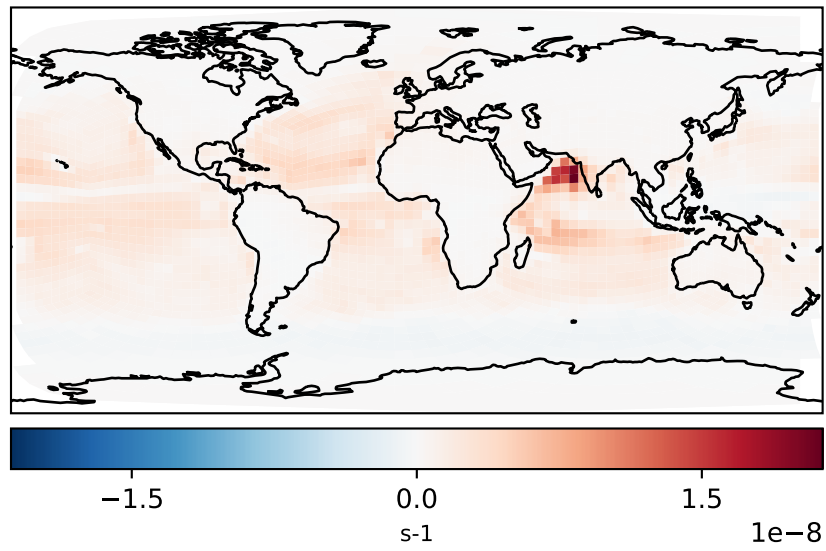
Processed GEOS-FP input, 3-hr winds (Ref)
c24



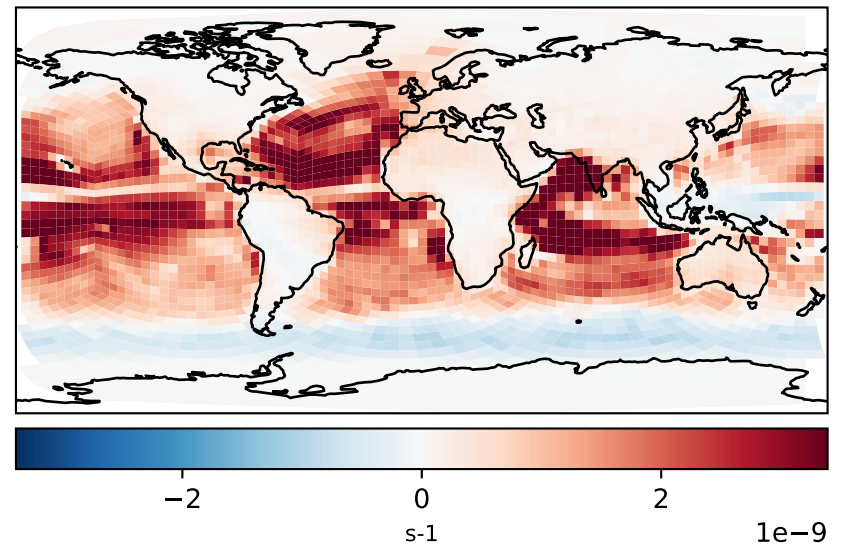
Raw GEOS-FP input, 3-hr winds (Dev)
c24



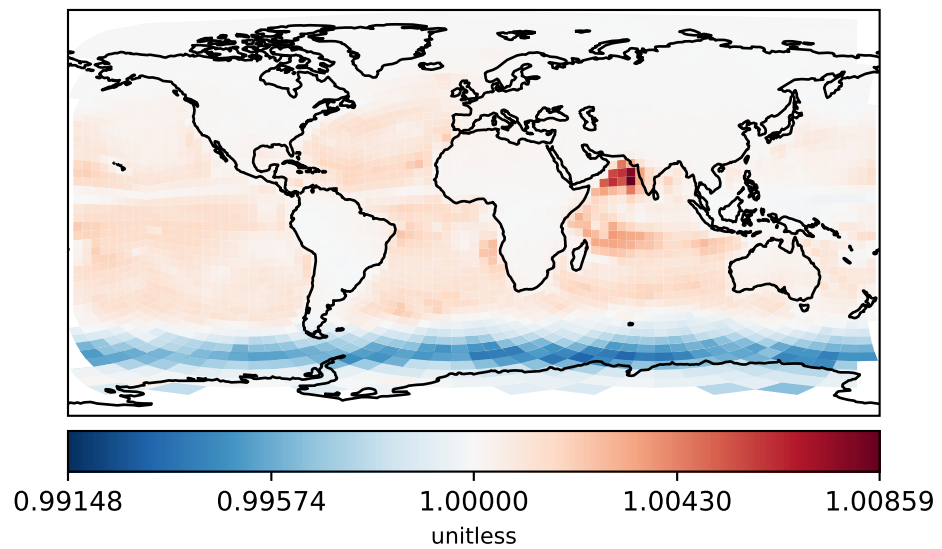
Difference
Dev - Ref, Dynamic Range



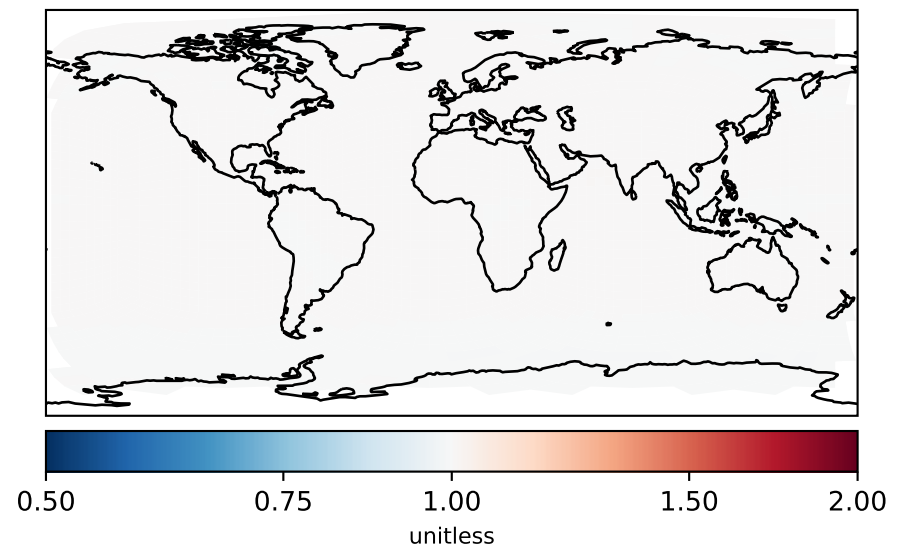
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

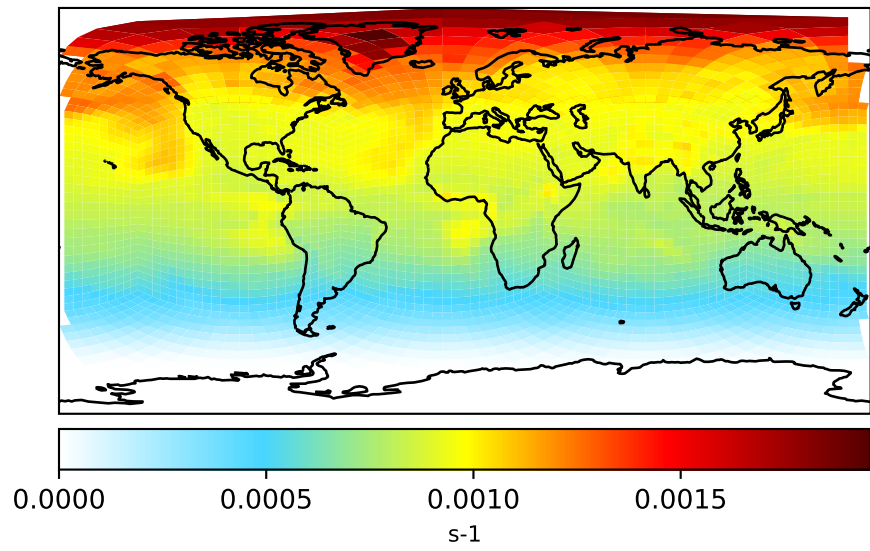


Ratio
Dev/Ref, Fixed Range

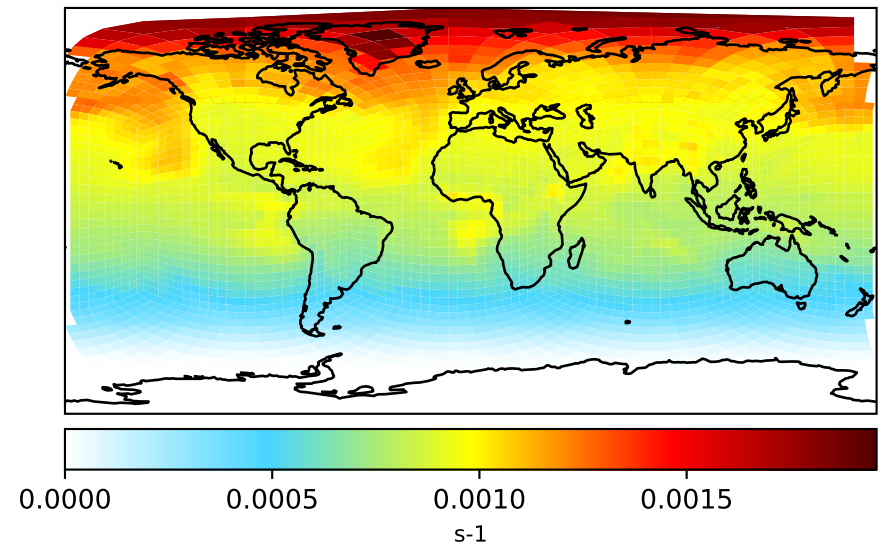


Jval_HNO2

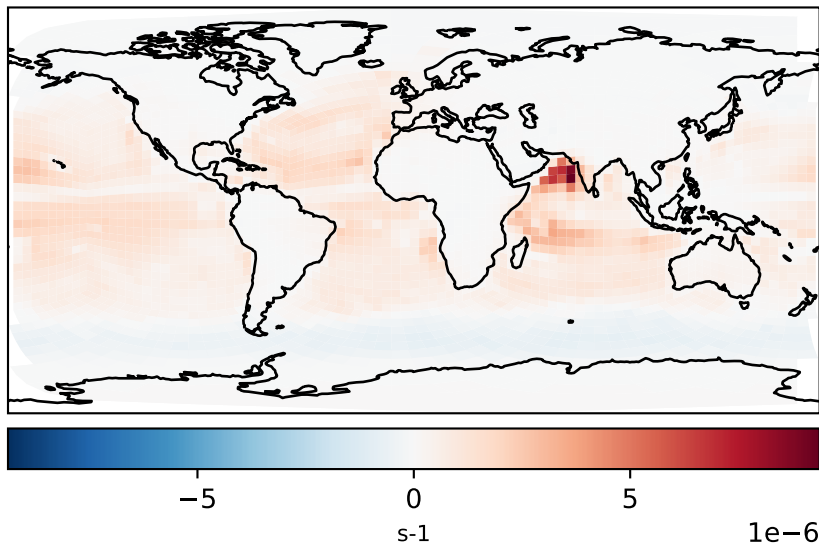
Processed GEOS-FP input, 3-hr winds (Ref)
c24



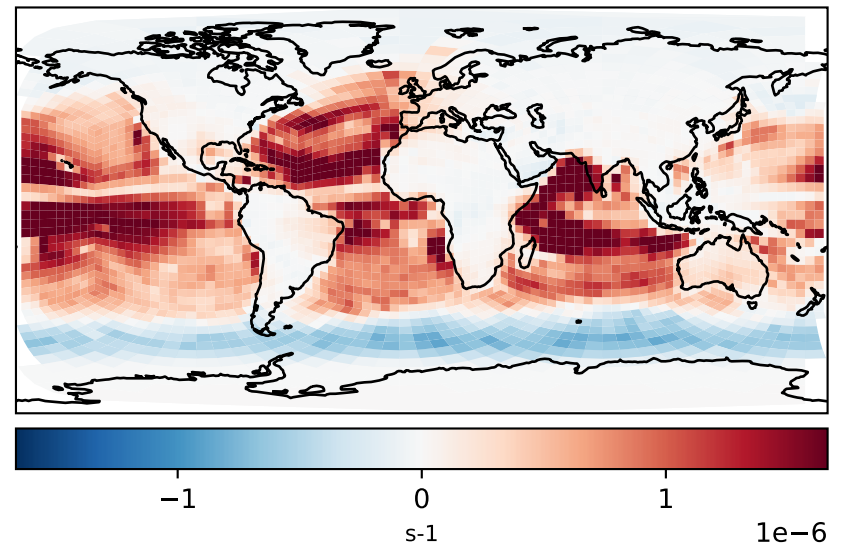
Raw GEOS-FP input, 3-hr winds (Dev)
c24



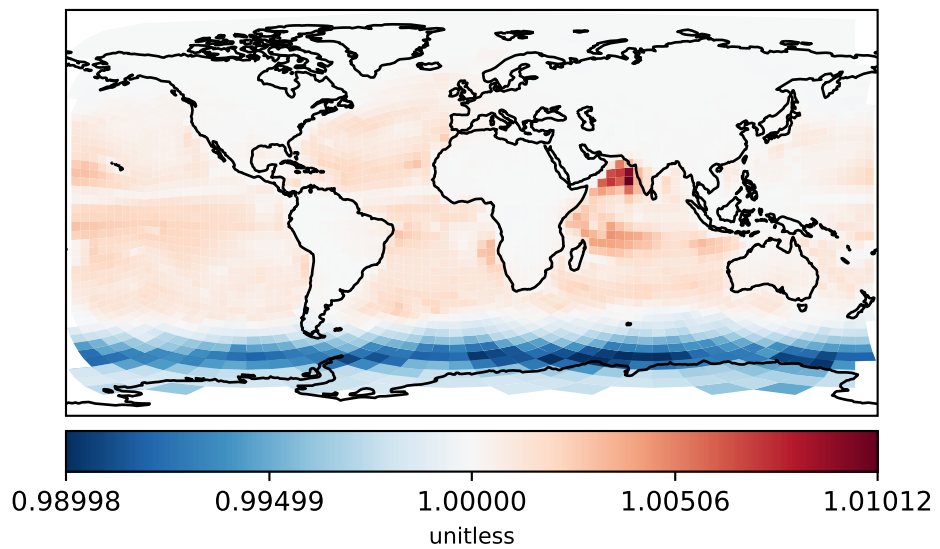
Difference
Dev - Ref, Dynamic Range



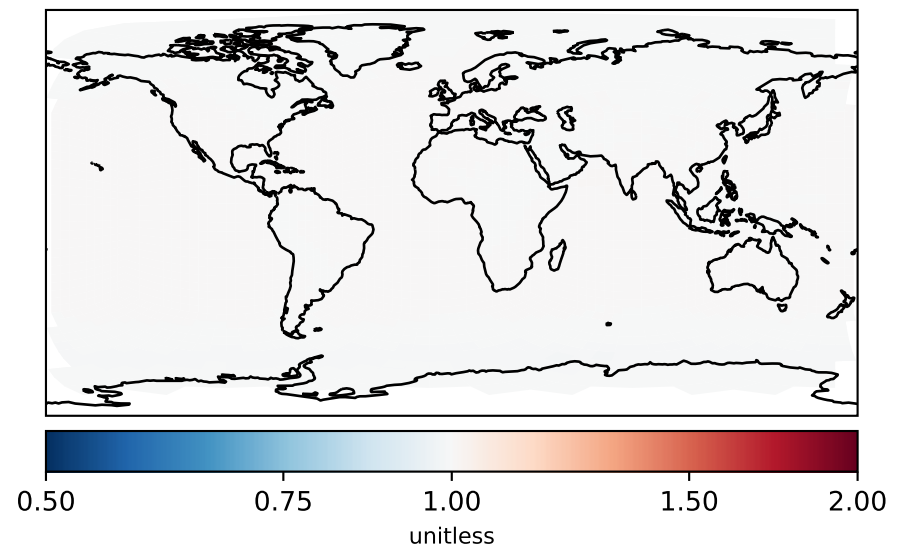
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

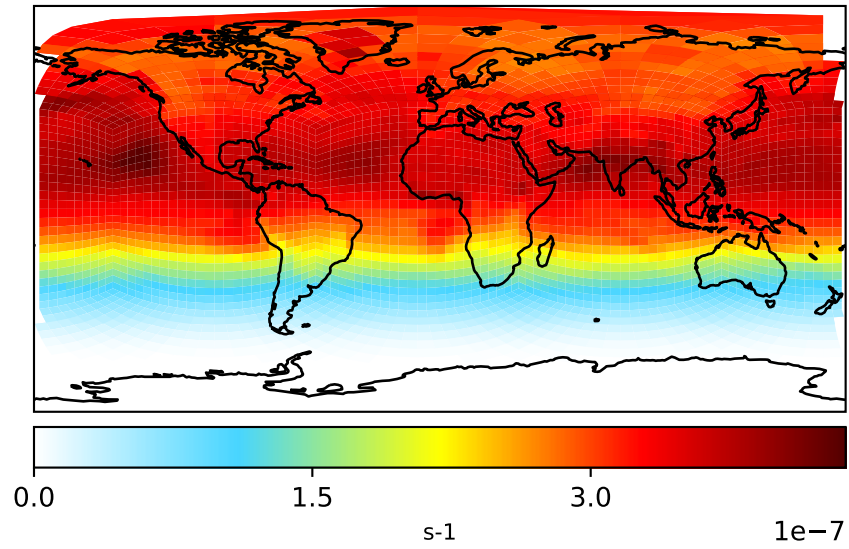


Ratio
Dev/Ref, Fixed Range

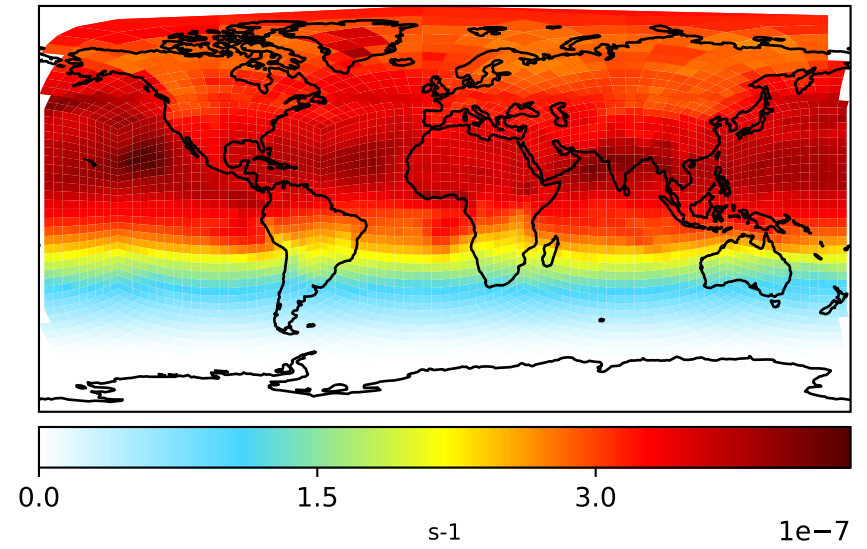


Jval_HNO3

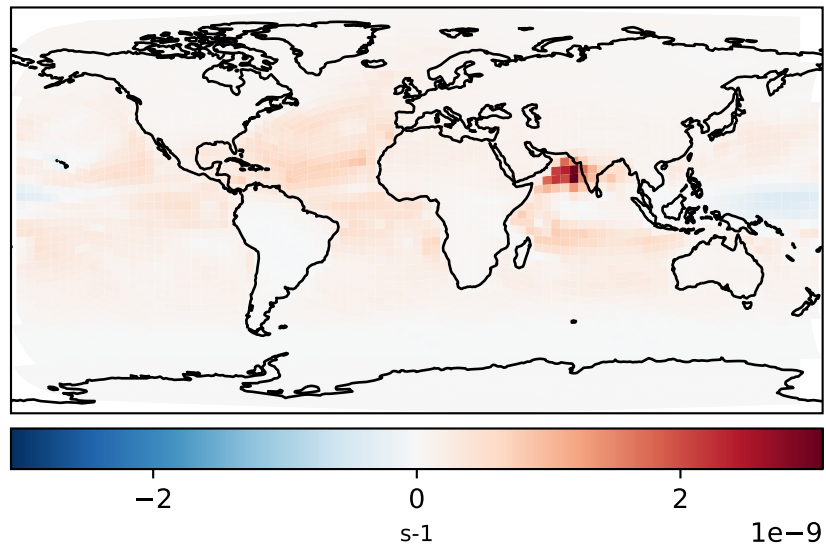
Processed GEOS-FP input, 3-hr winds (Ref)
c24



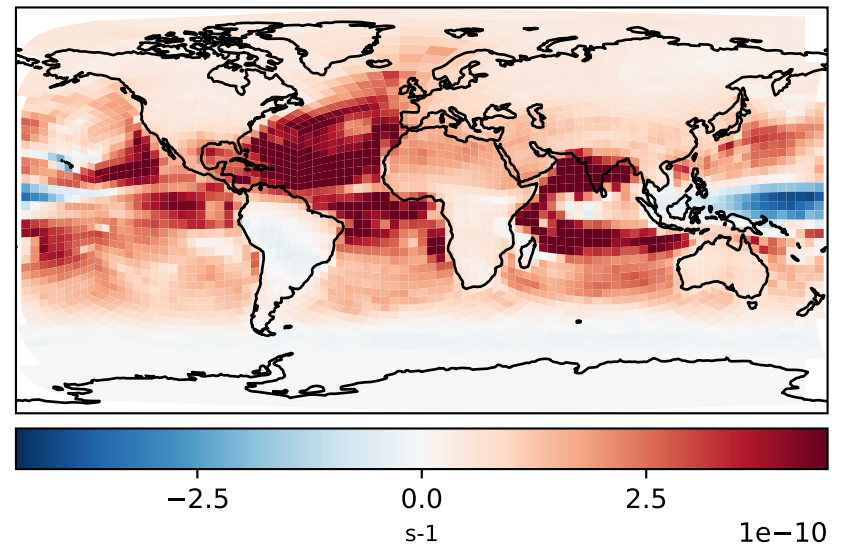
Raw GEOS-FP input, 3-hr winds (Dev)
c24



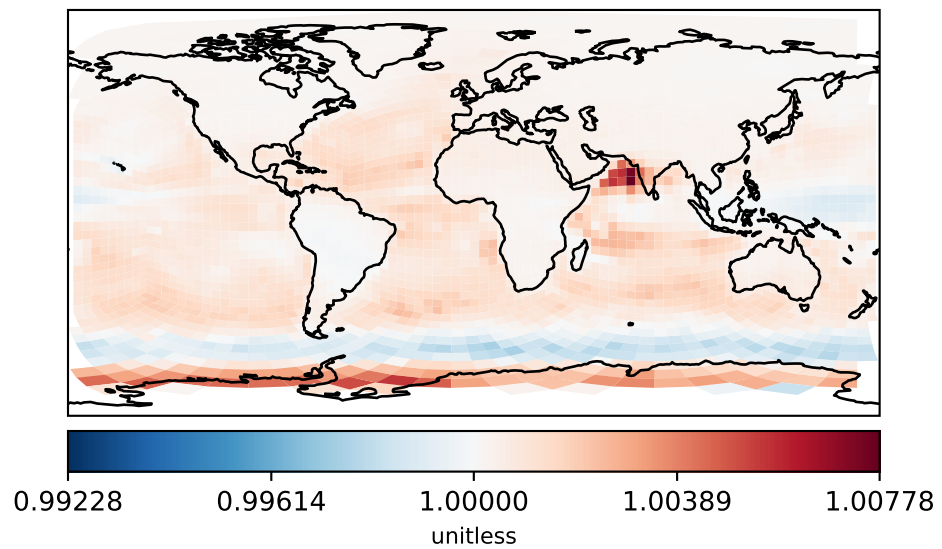
Difference
Dev - Ref, Dynamic Range



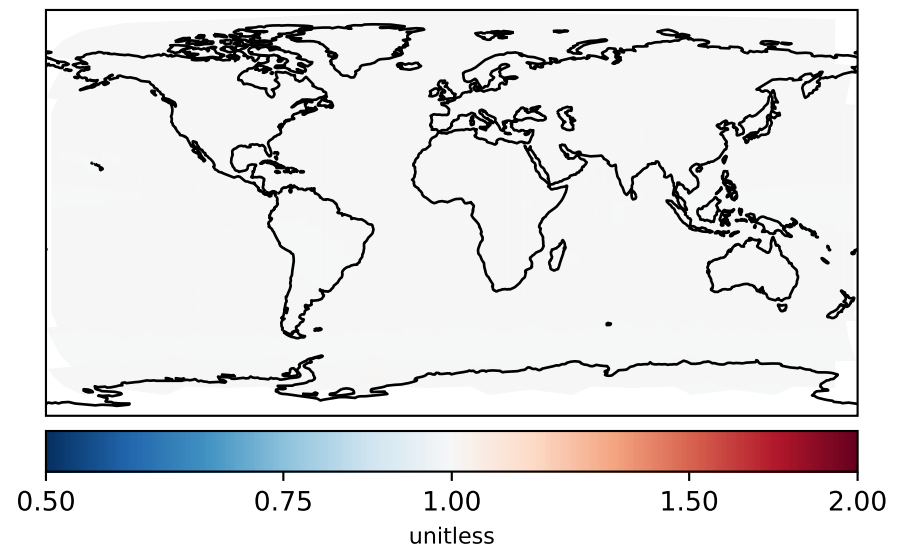
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

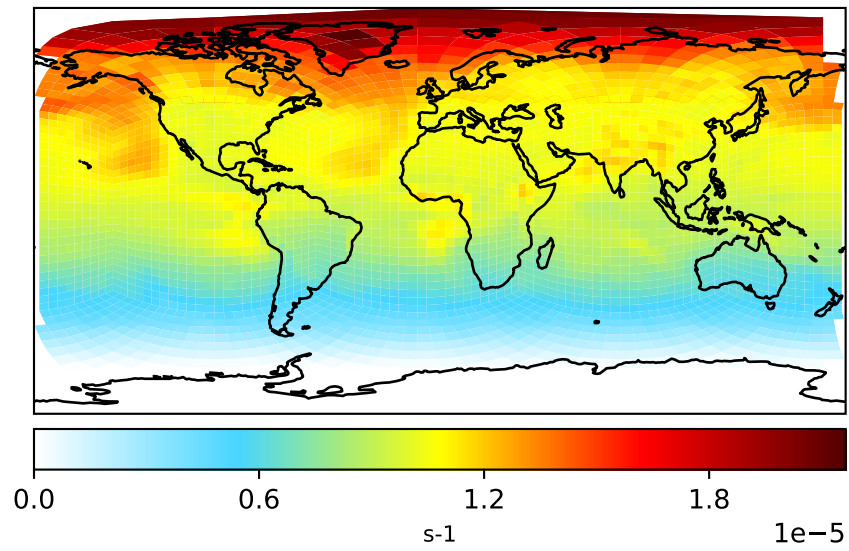


Ratio
Dev/Ref, Fixed Range

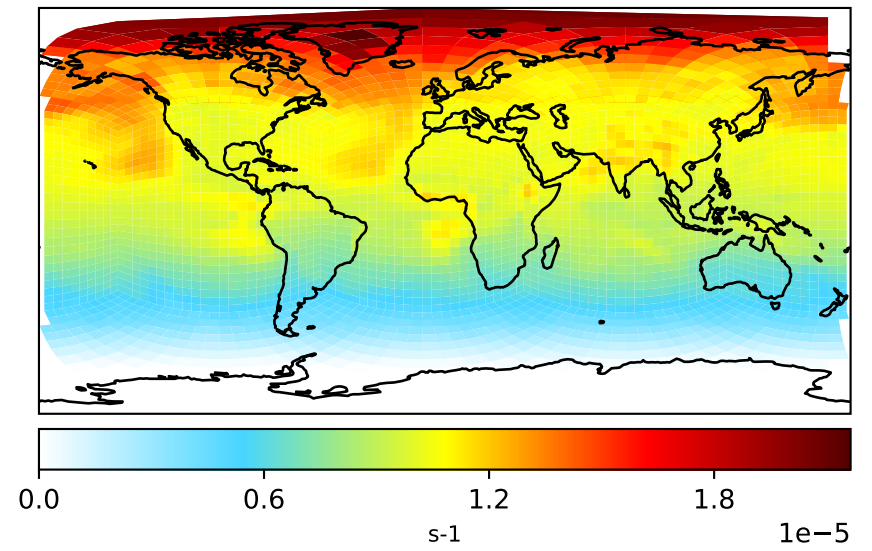


Jval_HNO4

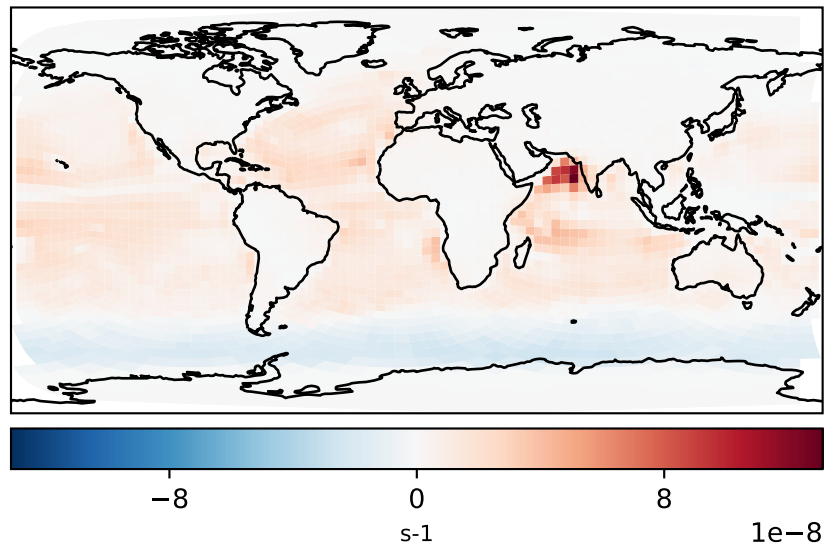
Processed GEOS-FP input, 3-hr winds (Ref)
c24



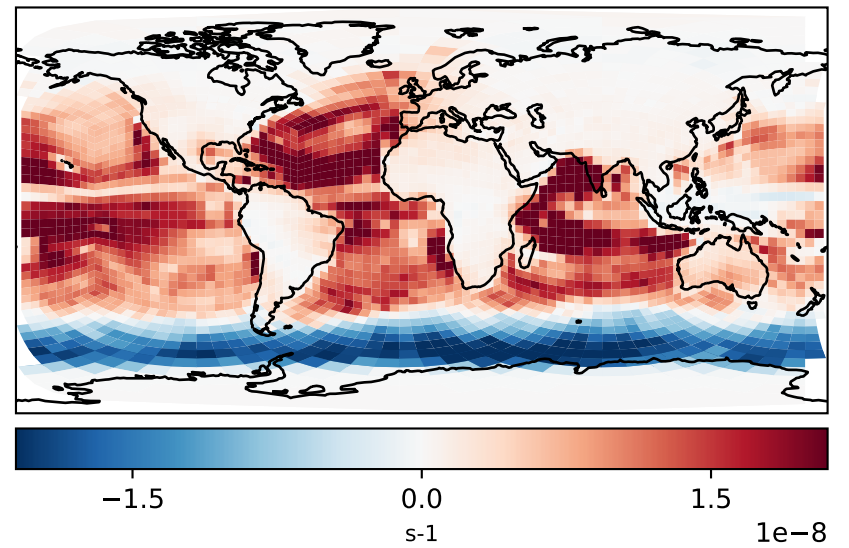
Raw GEOS-FP input, 3-hr winds (Dev)
c24



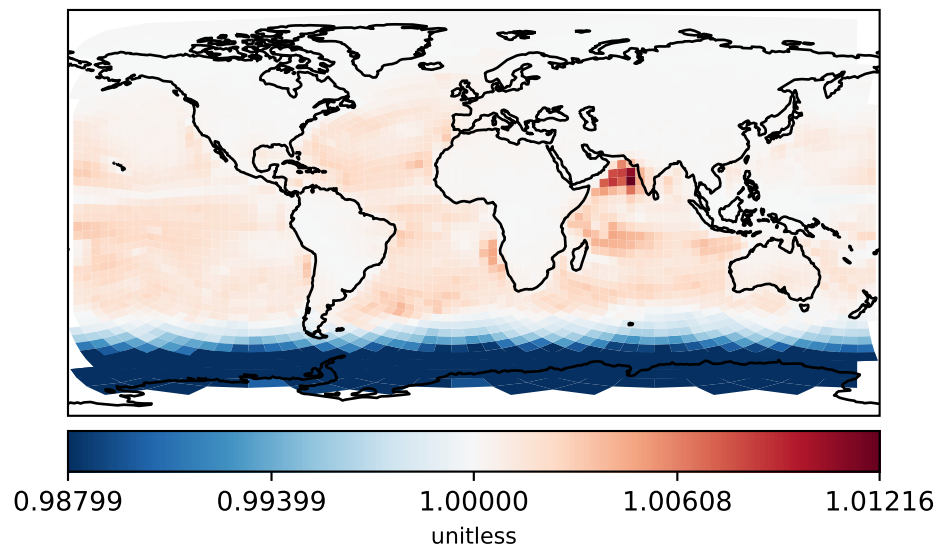
Difference
Dev - Ref, Dynamic Range



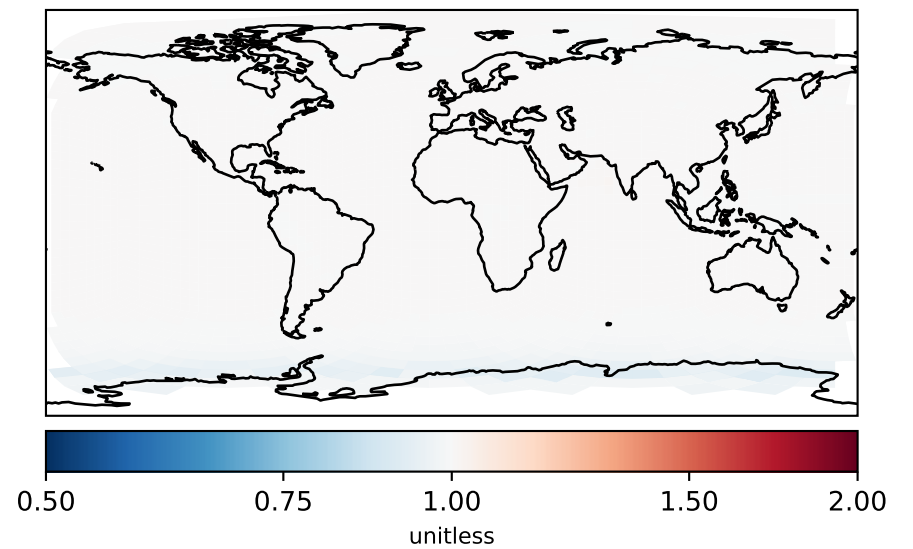
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

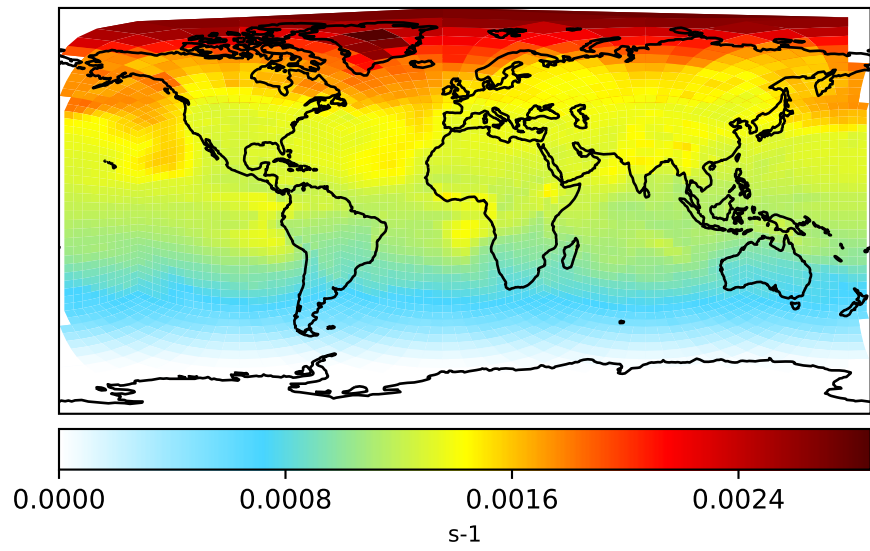


Ratio
Dev/Ref, Fixed Range

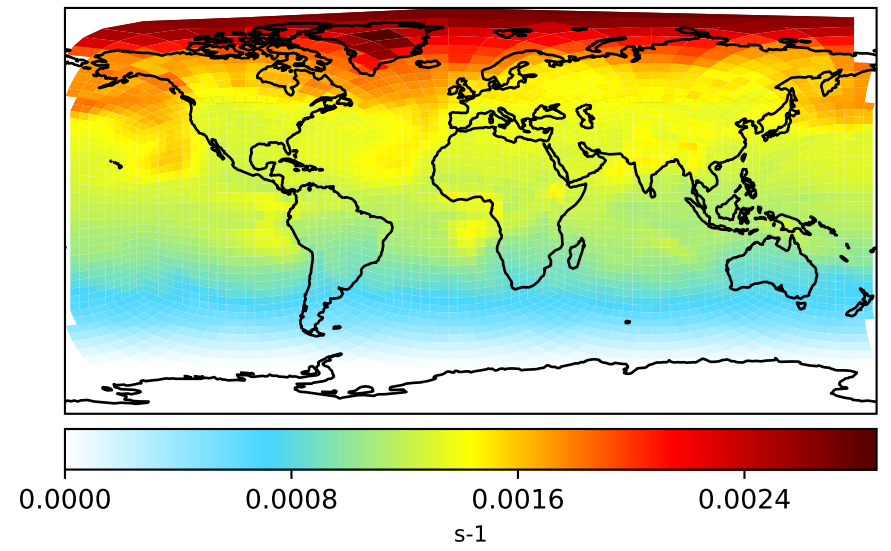


Jval_HOBr

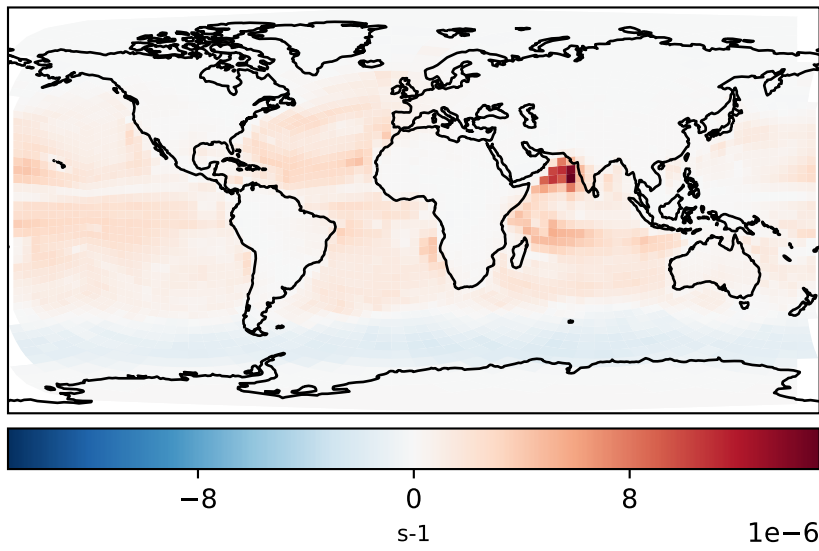
Processed GEOS-FP input, 3-hr winds (Ref)
c24



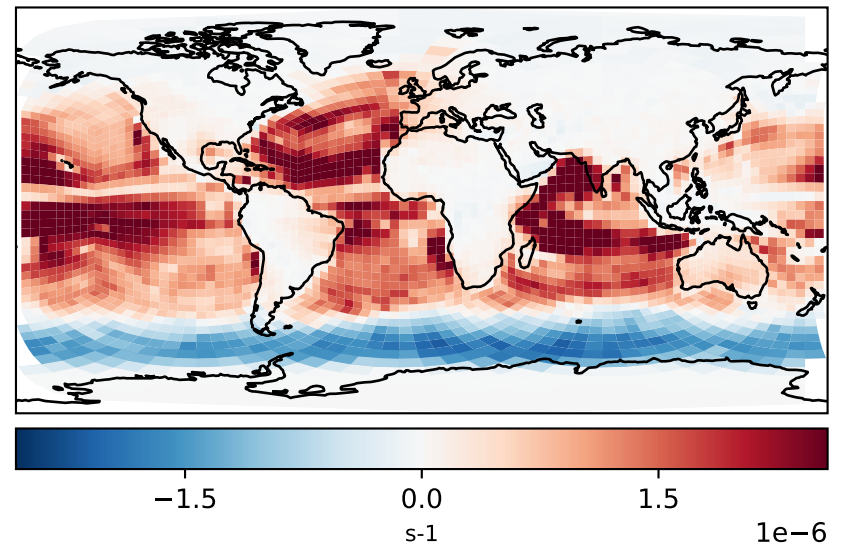
Raw GEOS-FP input, 3-hr winds (Dev)
c24



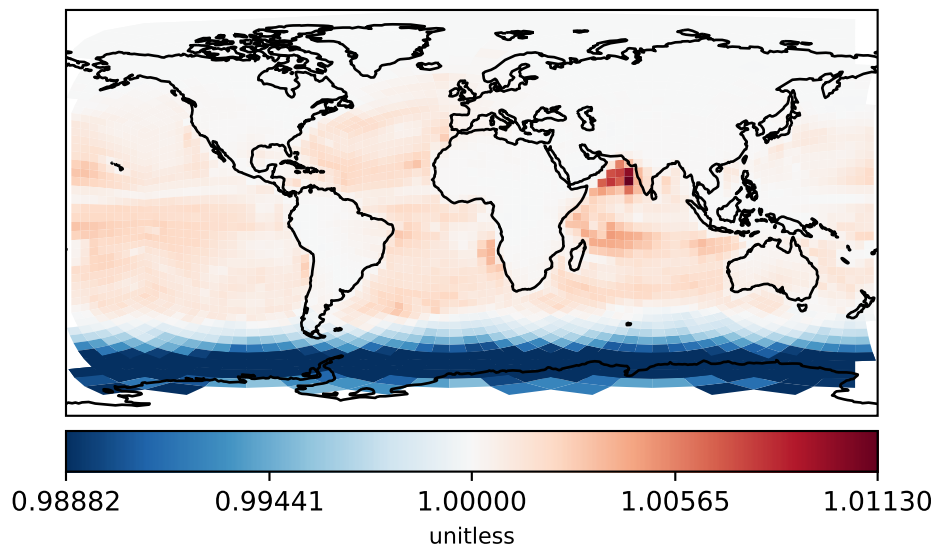
Difference
Dev - Ref, Dynamic Range



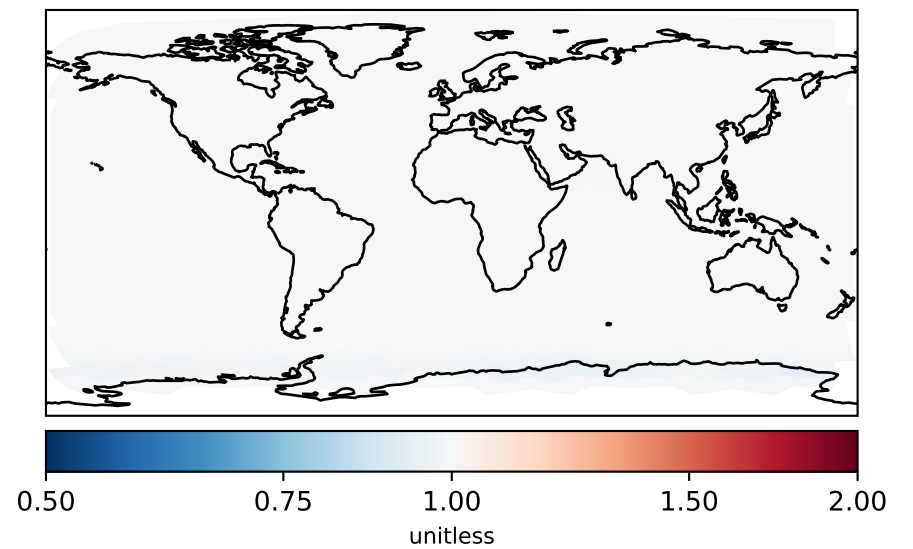
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

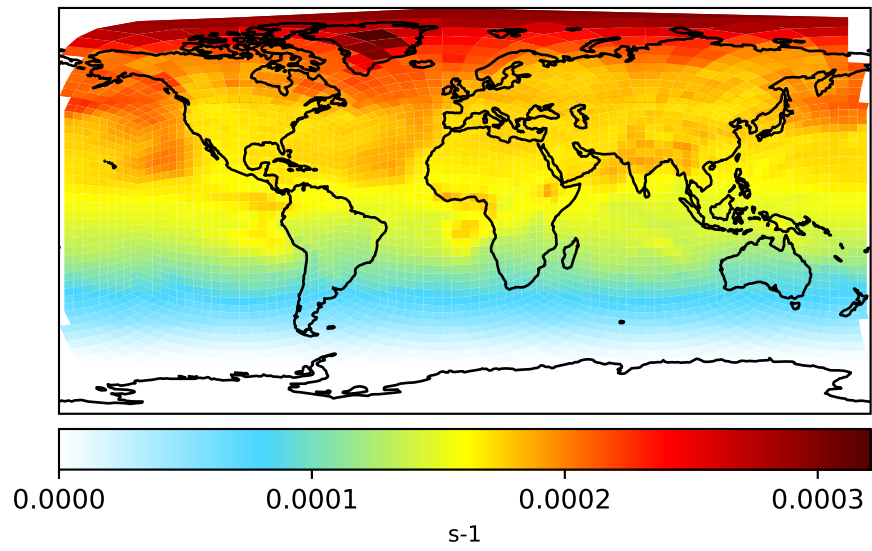


Ratio
Dev/Ref, Fixed Range

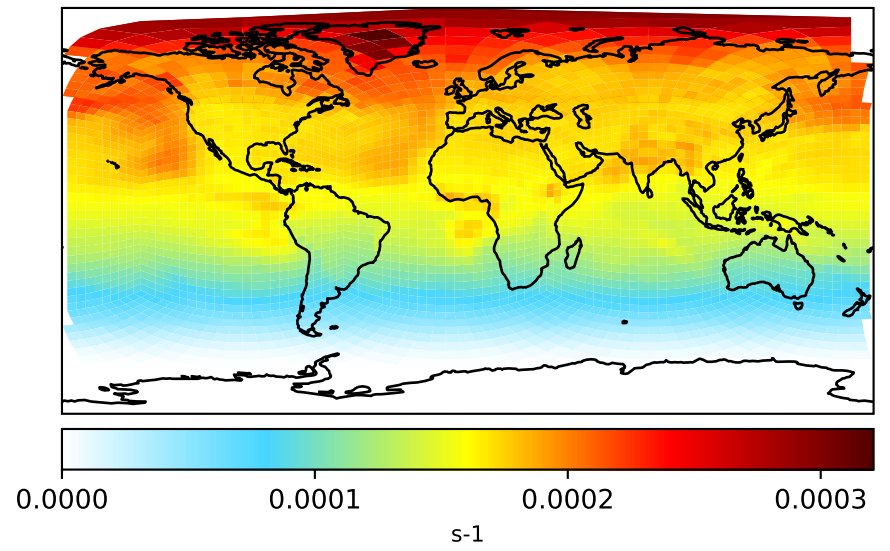


Jval_HOCl

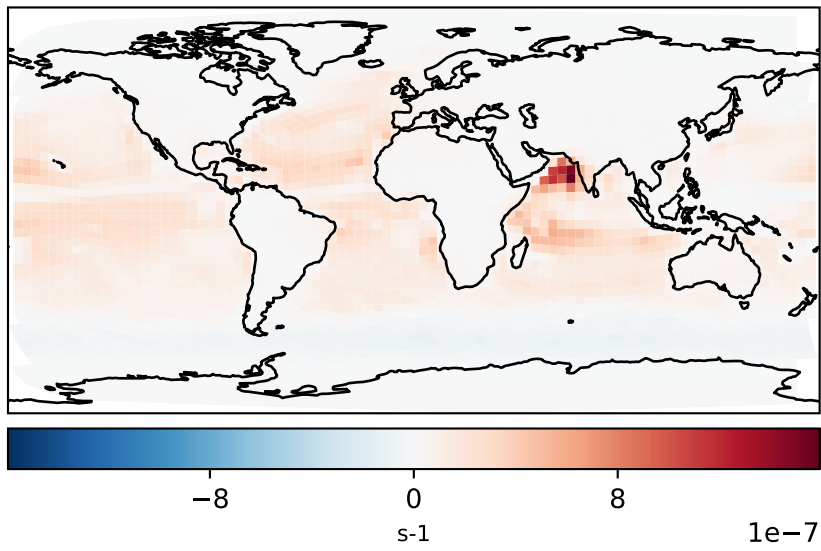
Processed GEOS-FP input, 3-hr winds (Ref)
c24



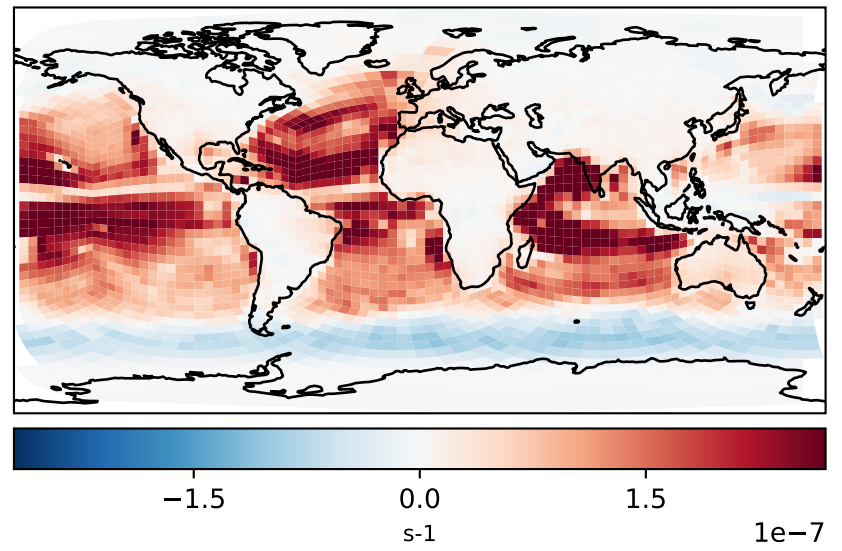
Raw GEOS-FP input, 3-hr winds (Dev)
c24



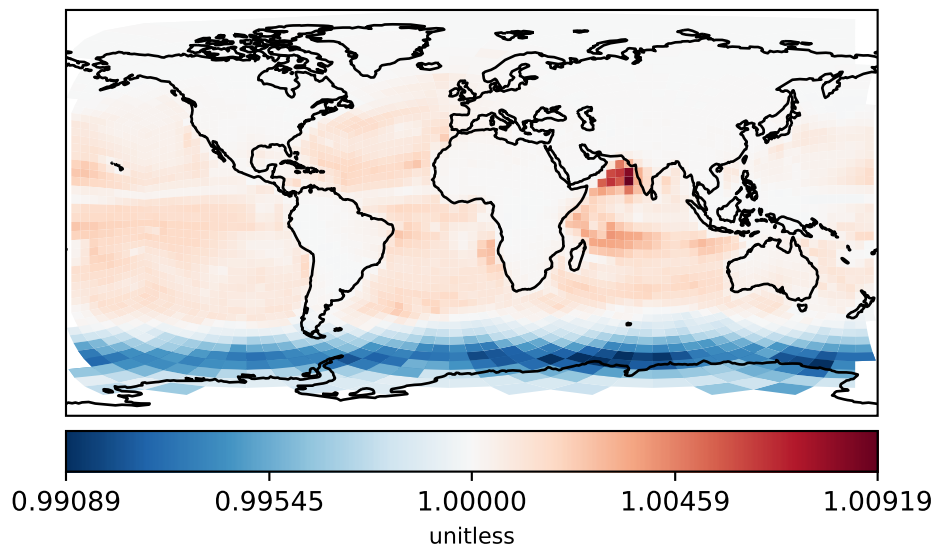
Difference
Dev - Ref, Dynamic Range



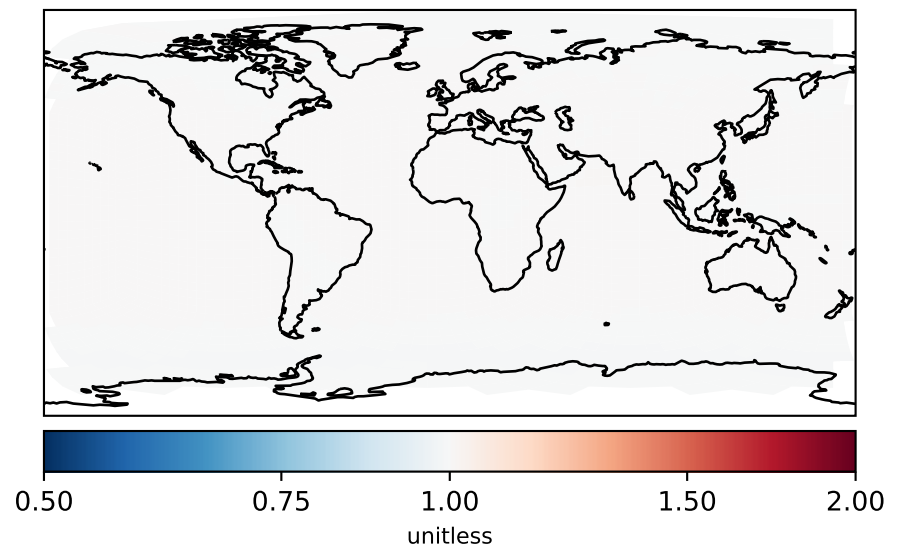
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

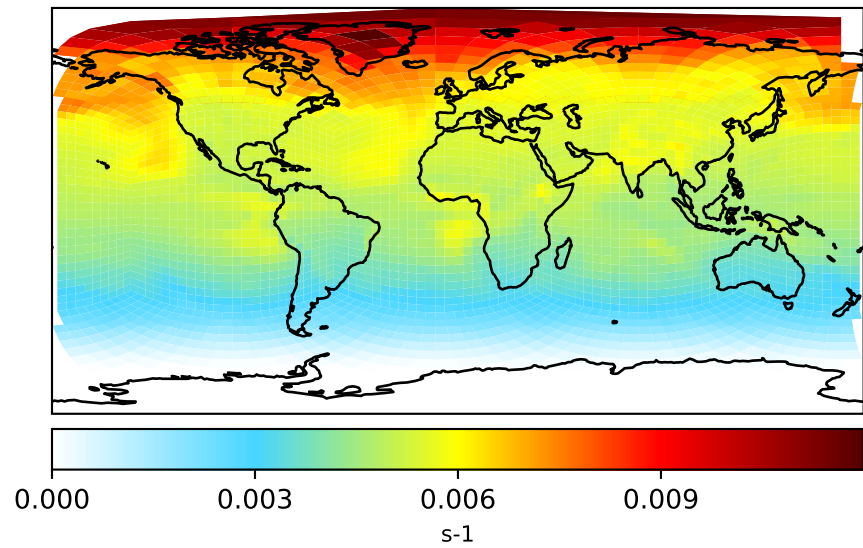


Ratio
Dev/Ref, Fixed Range

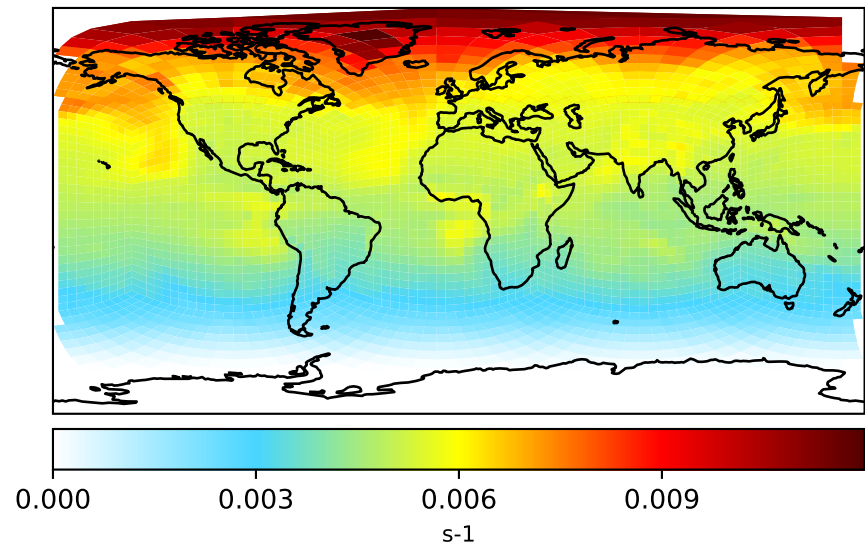


Jval_HOI

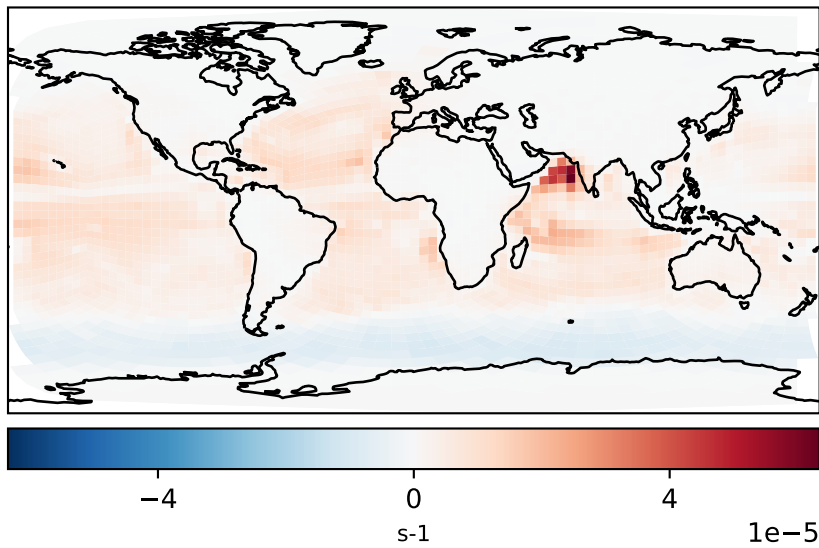
Processed GEOS-FP input, 3-hr winds (Ref)
c24



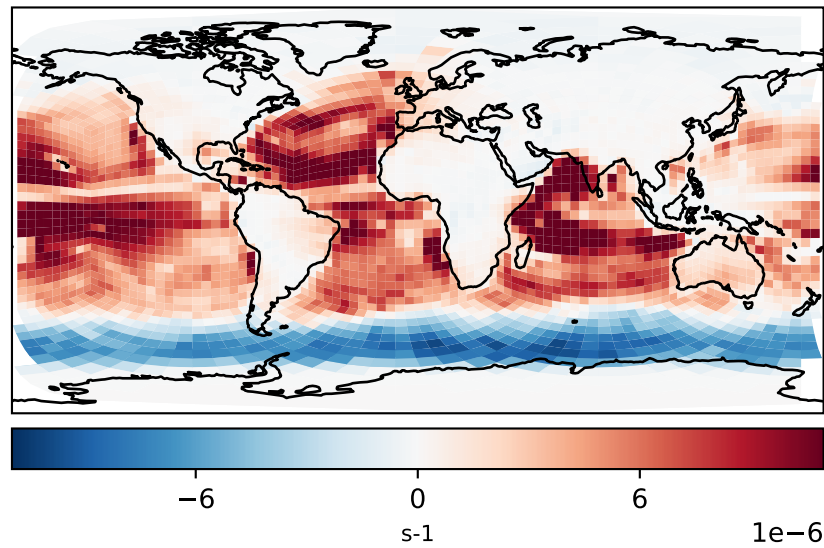
Raw GEOS-FP input, 3-hr winds (Dev)
c24



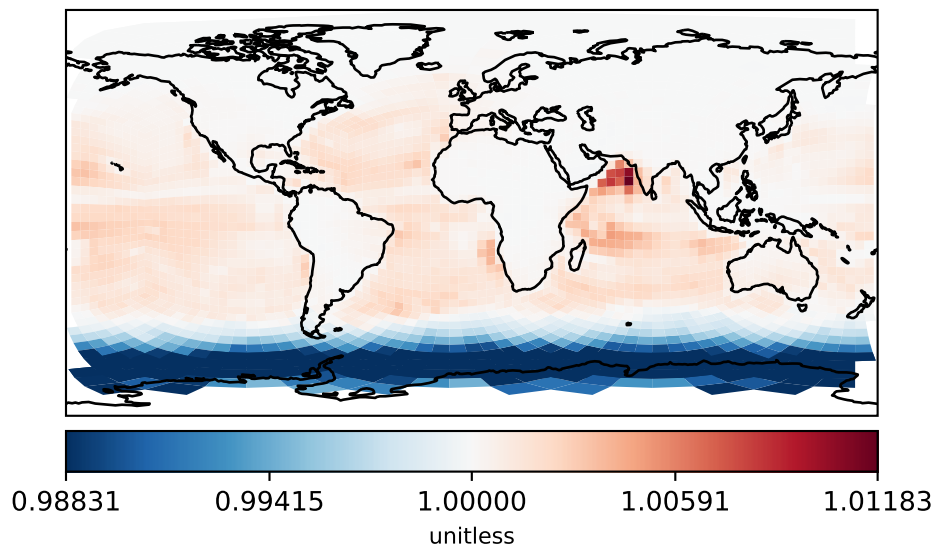
Difference
Dev - Ref, Dynamic Range



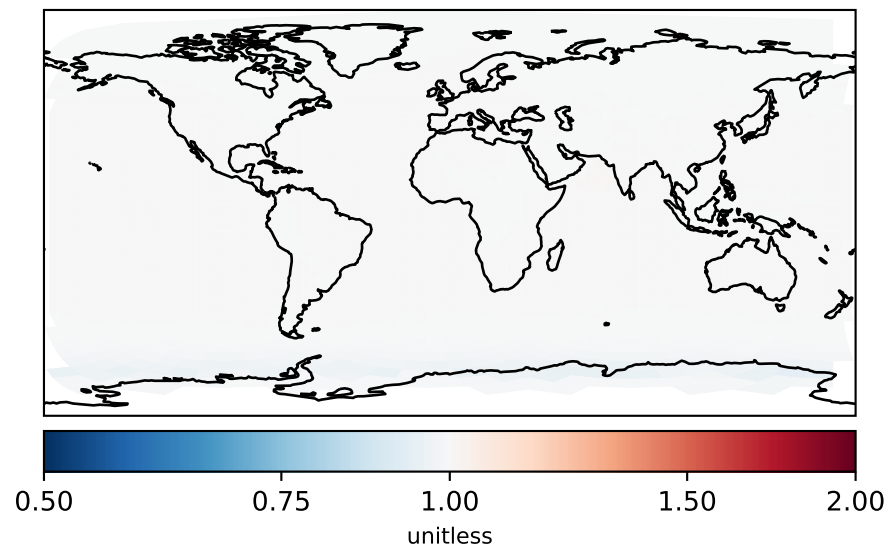
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

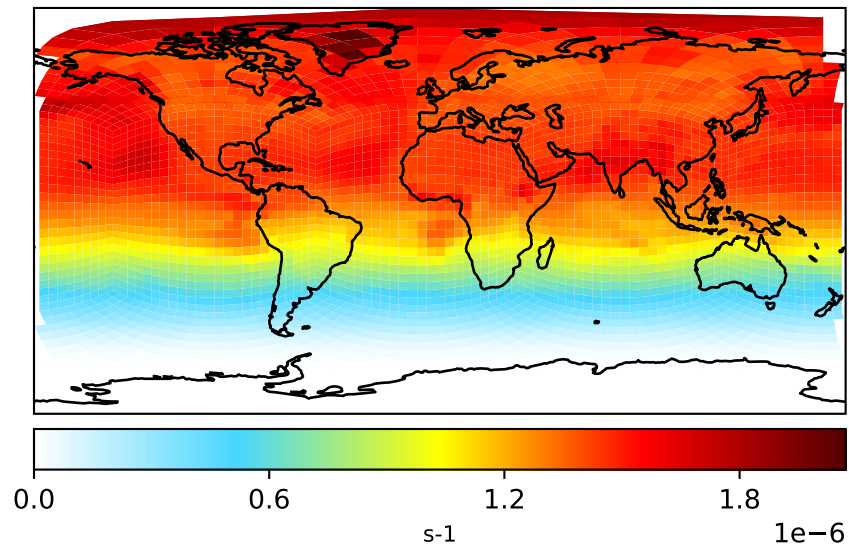


Ratio
Dev/Ref, Fixed Range

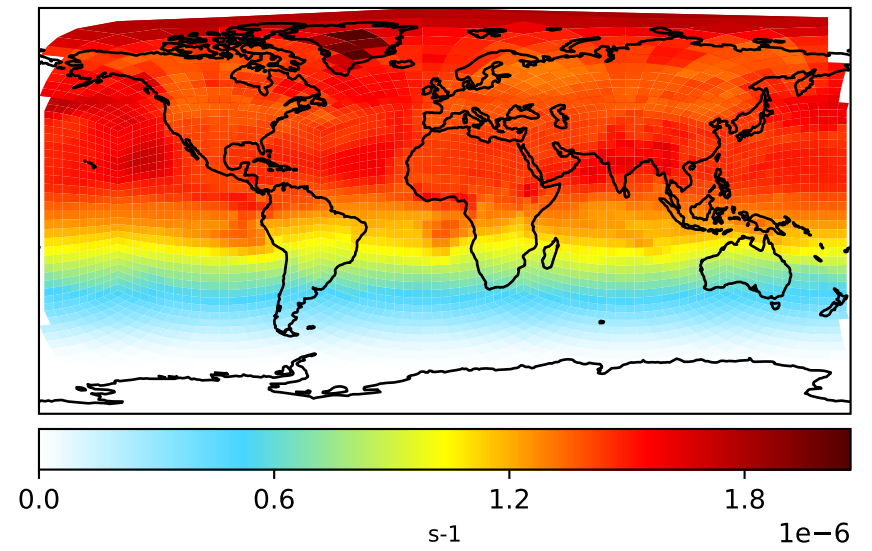


Jval_HONIT

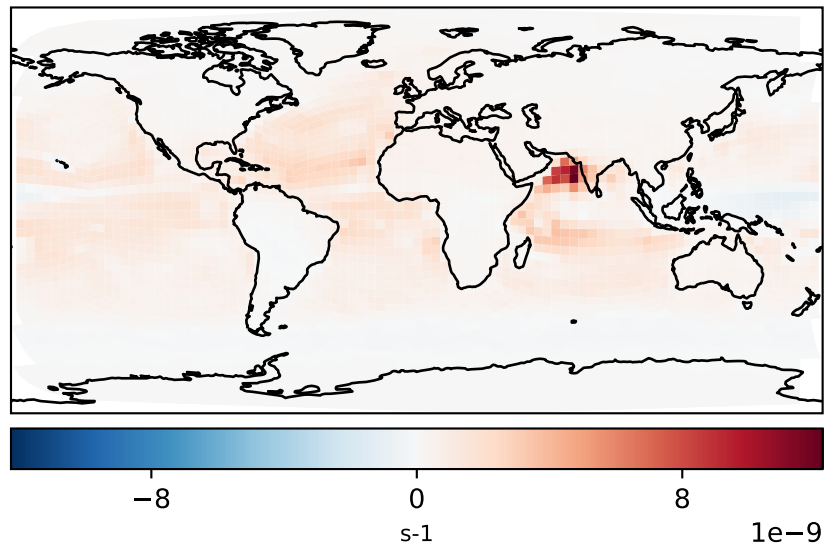
Processed GEOS-FP input, 3-hr winds (Ref)
c24



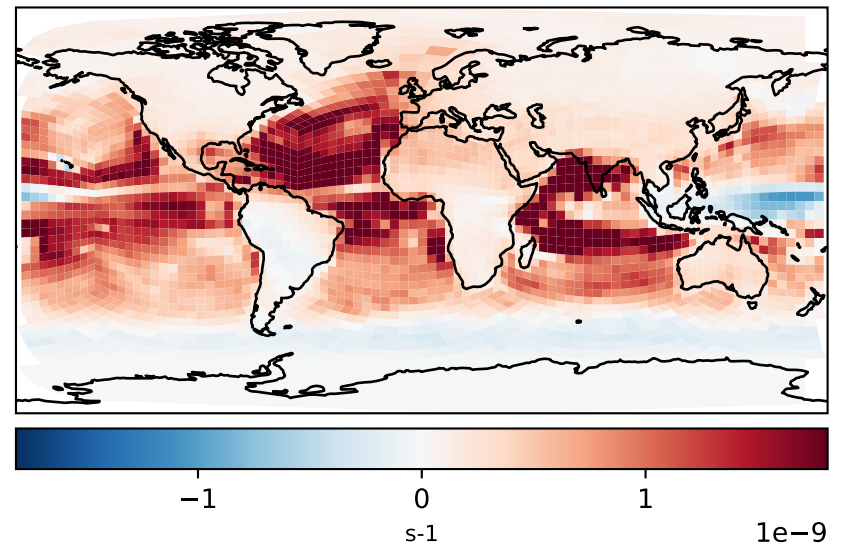
Raw GEOS-FP input, 3-hr winds (Dev)
c24



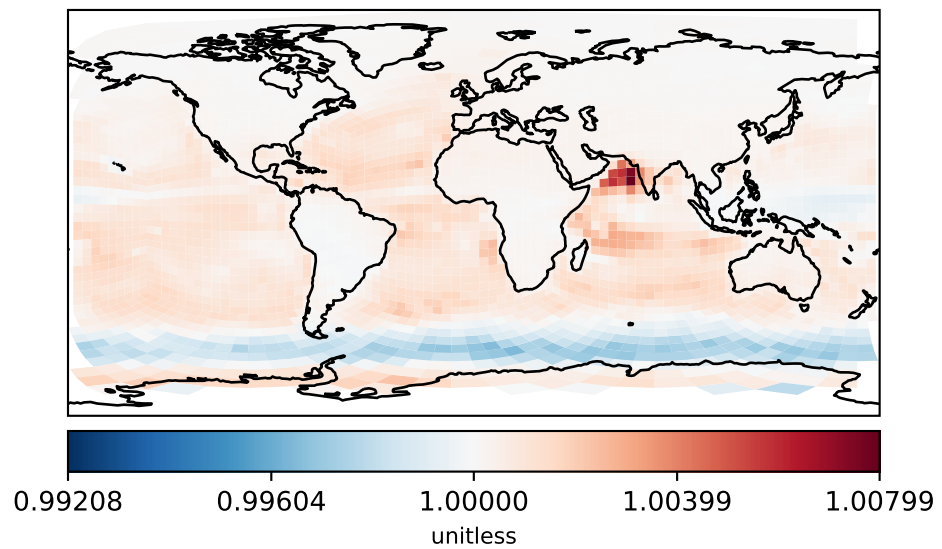
Difference
Dev - Ref, Dynamic Range



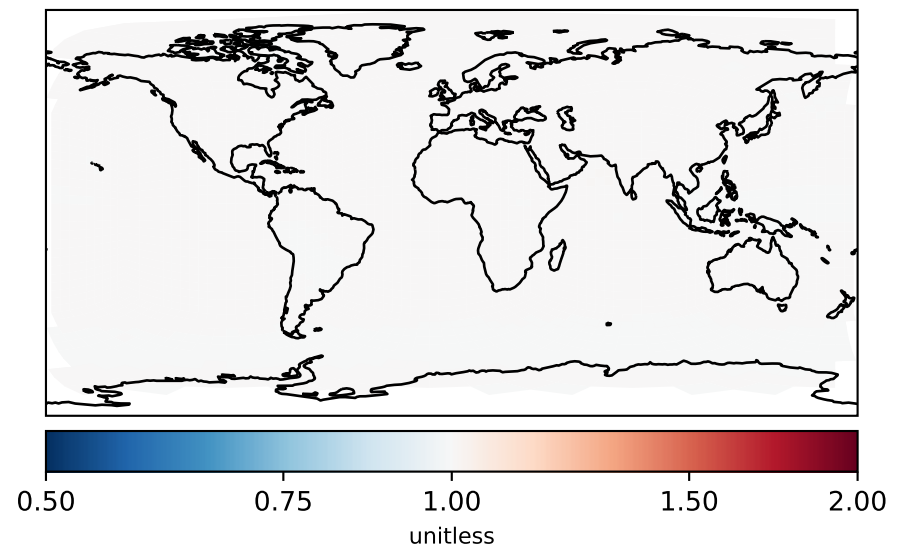
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

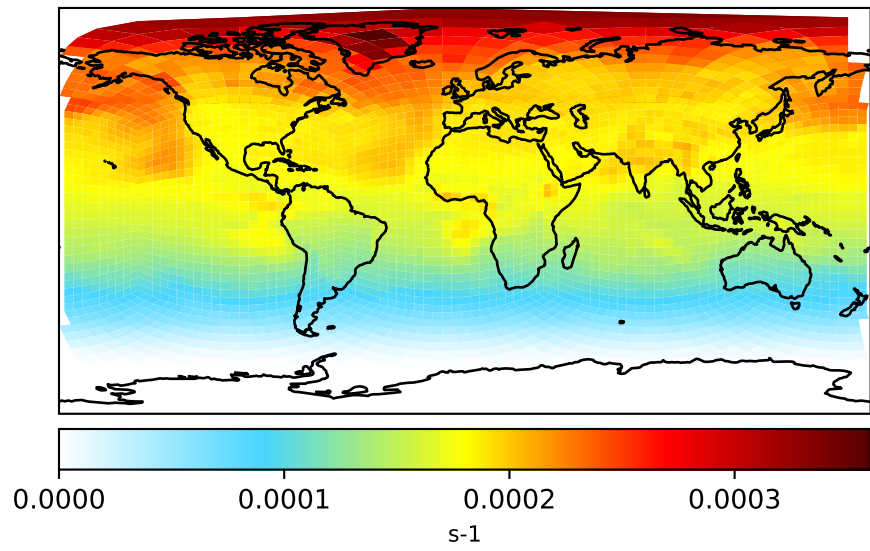


Ratio
Dev/Ref, Fixed Range

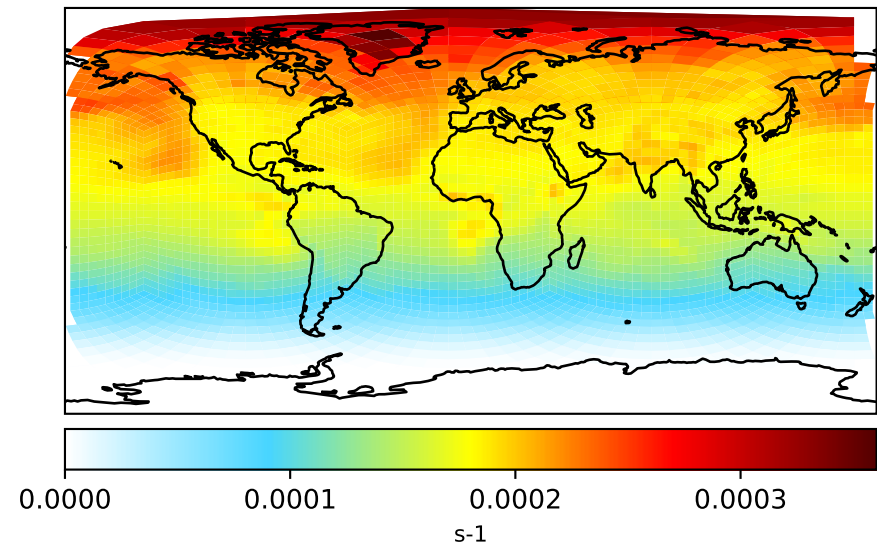


Jval_HPALD1

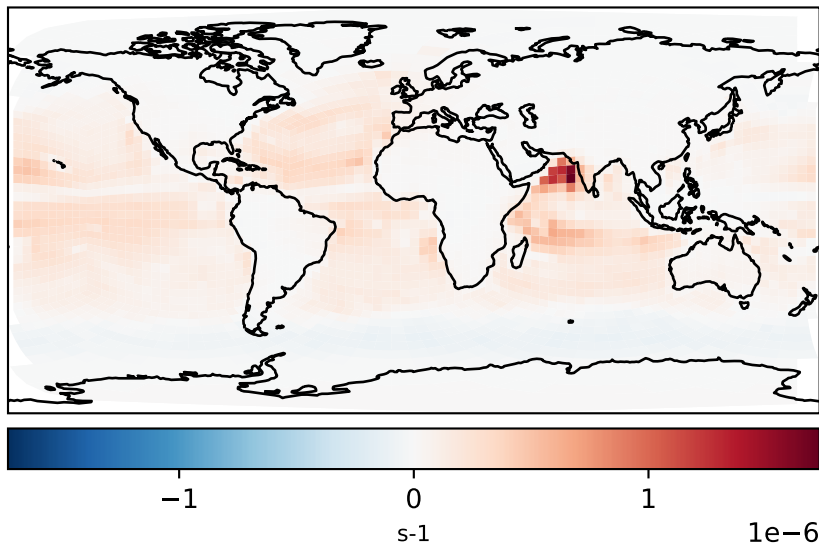
Processed GEOS-FP input, 3-hr winds (Ref)
c24



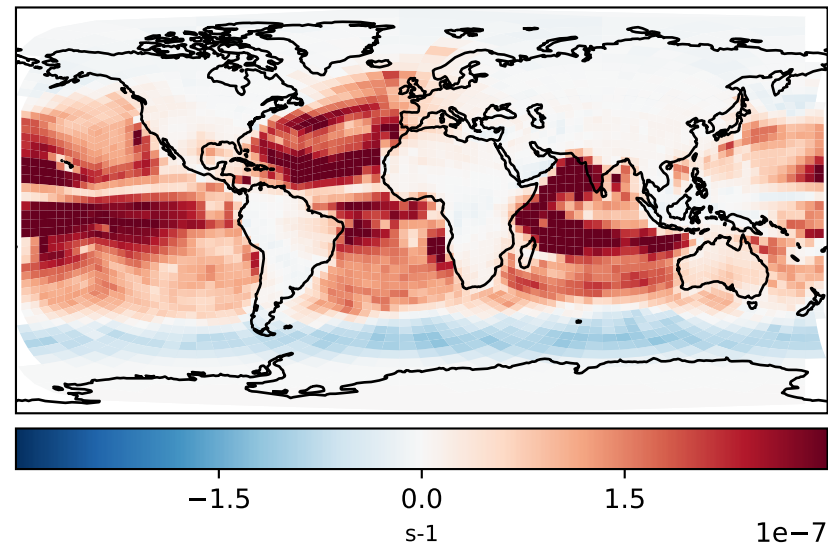
Raw GEOS-FP input, 3-hr winds (Dev)
c24



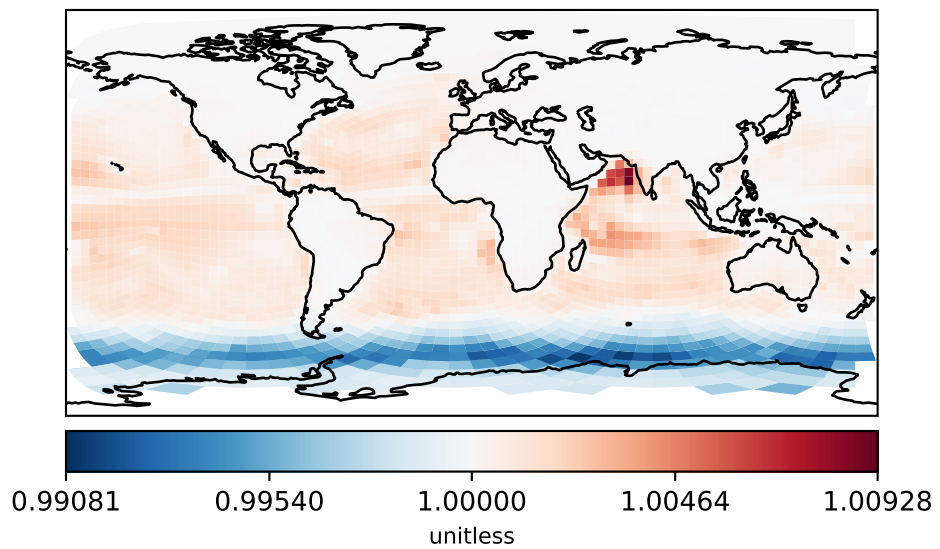
Difference
Dev - Ref, Dynamic Range



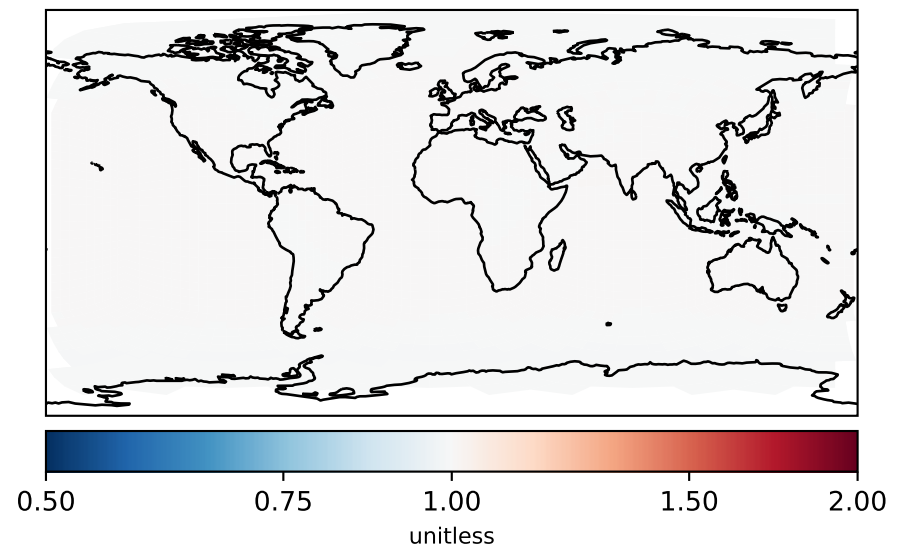
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

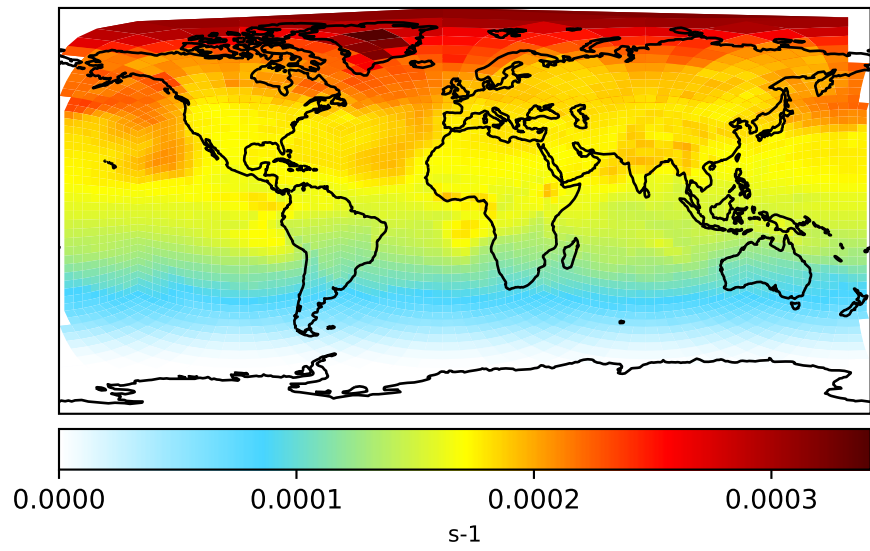


Ratio
Dev/Ref, Fixed Range

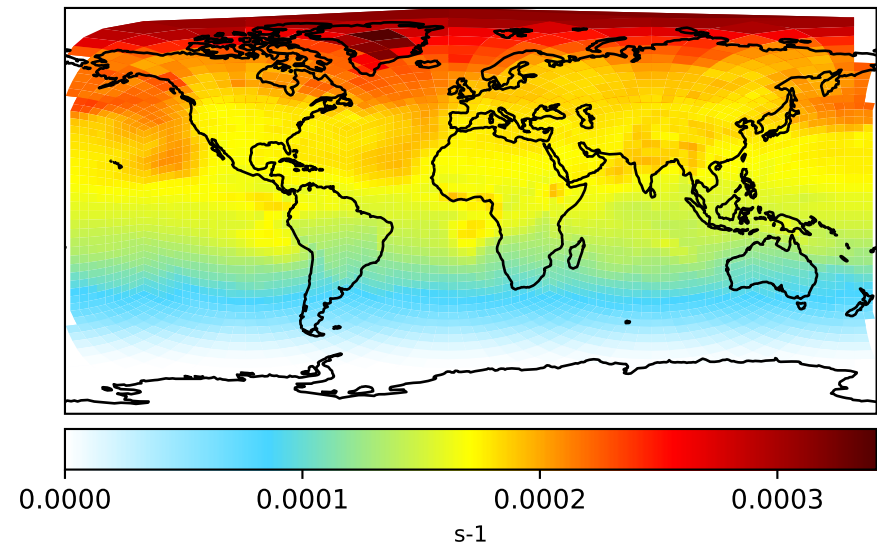


Jval_HPALD2

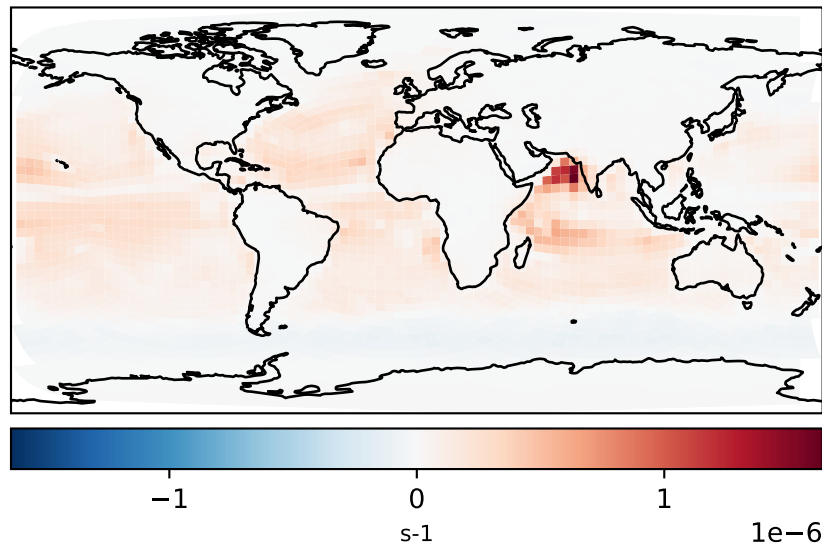
Processed GEOS-FP input, 3-hr winds (Ref)
c24



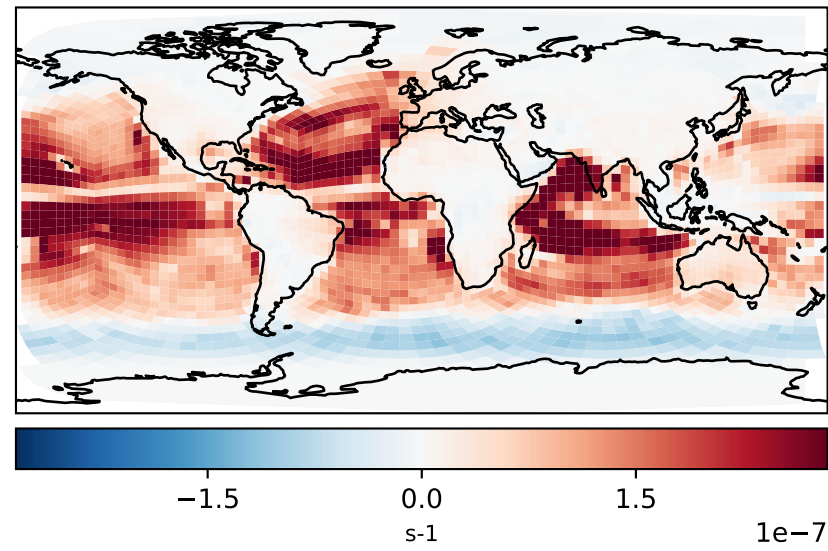
Raw GEOS-FP input, 3-hr winds (Dev)
c24



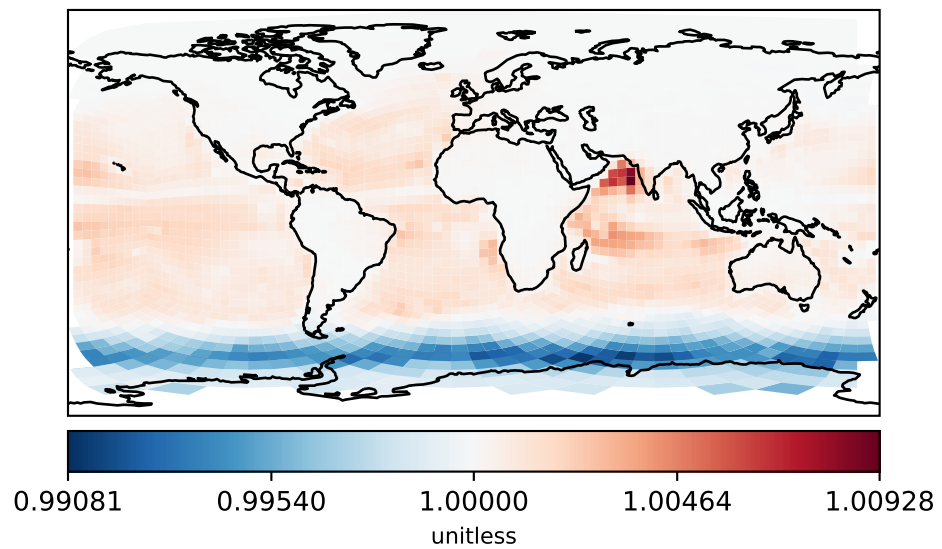
Difference
Dev - Ref, Dynamic Range



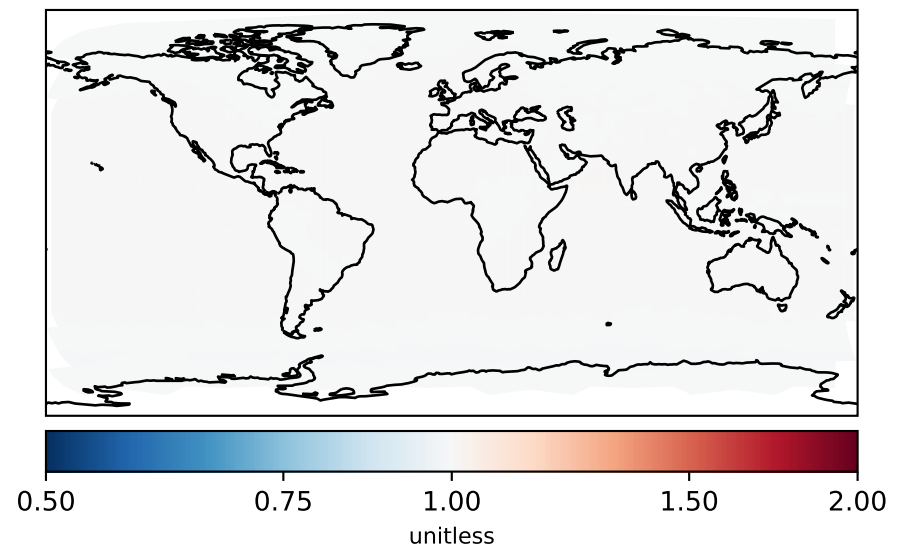
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

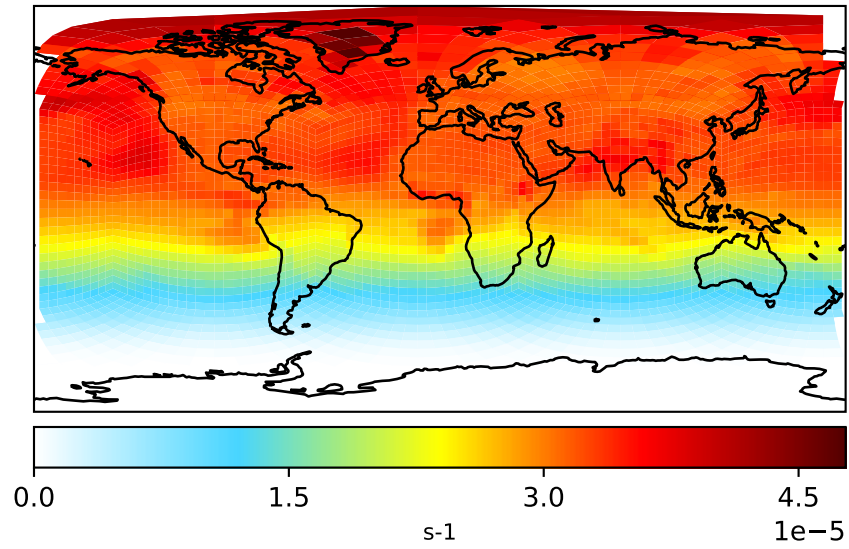


Ratio
Dev/Ref, Fixed Range

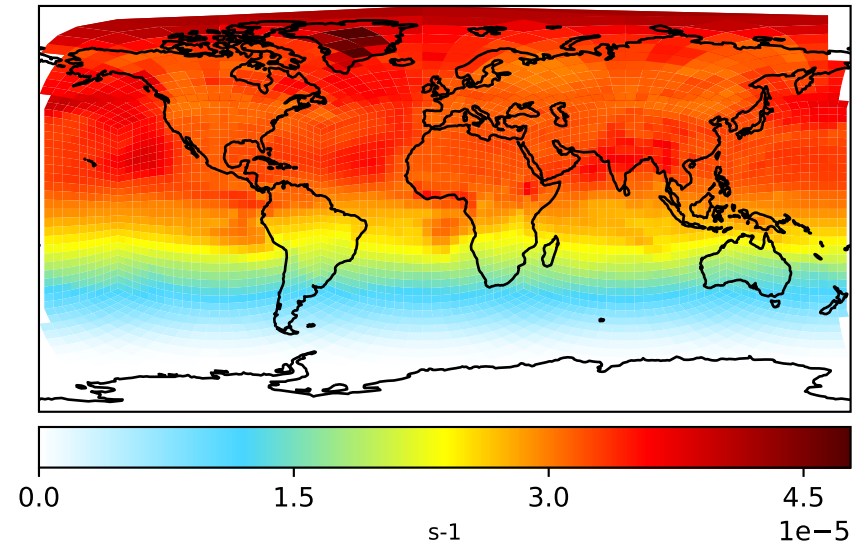


Jval_HPALD3

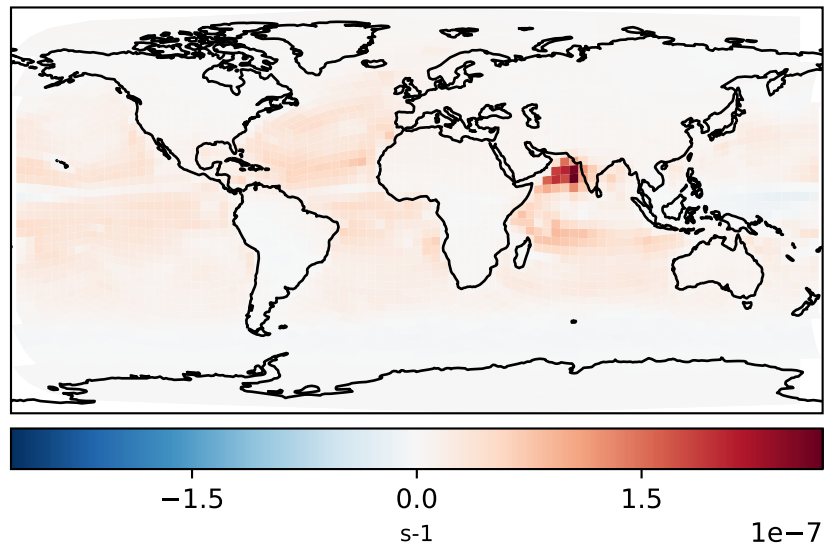
Processed GEOS-FP input, 3-hr winds (Ref)
c24



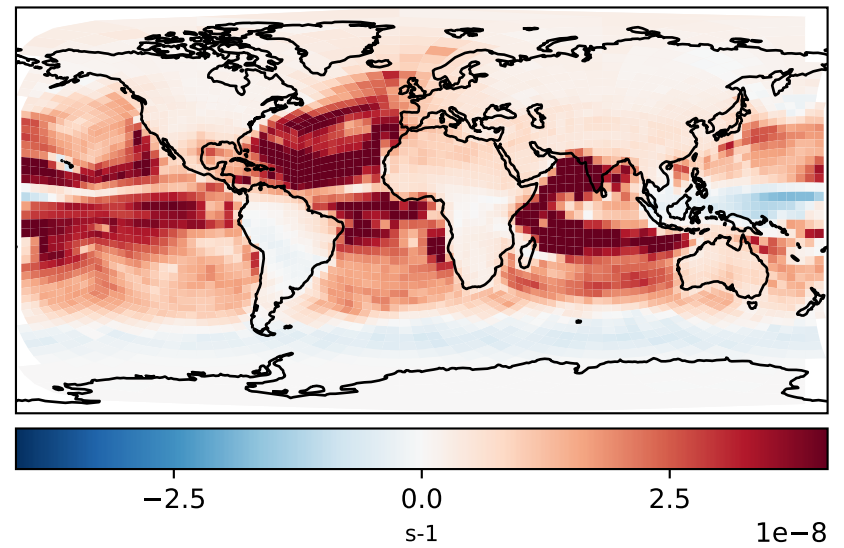
Raw GEOS-FP input, 3-hr winds (Dev)
c24



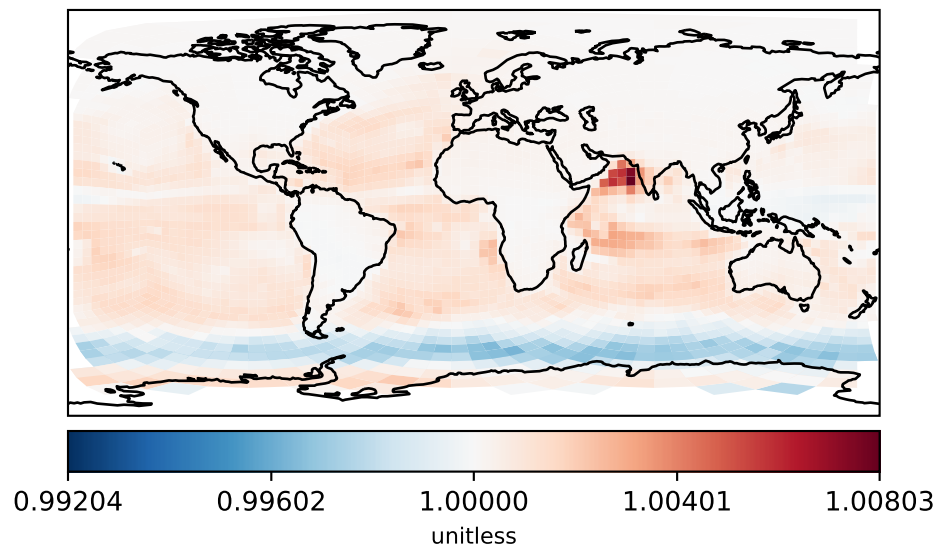
Difference
Dev - Ref, Dynamic Range



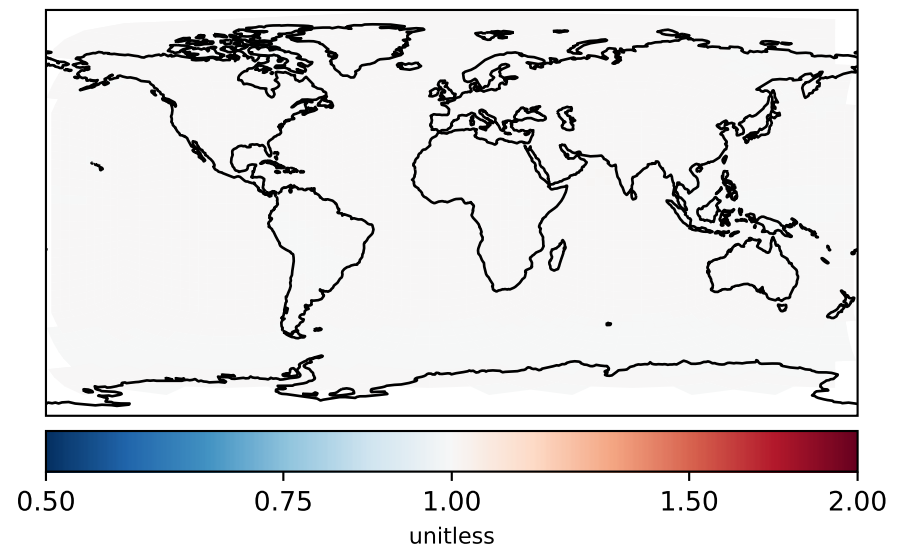
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

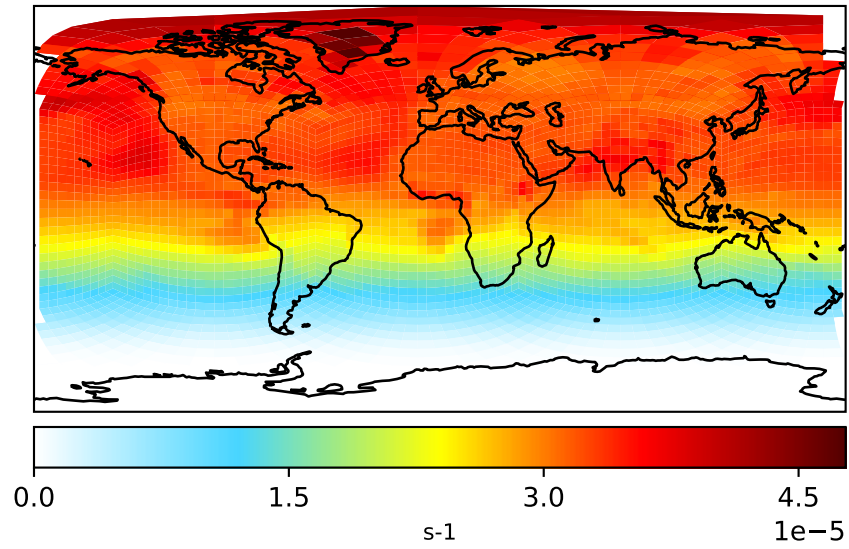


Ratio
Dev/Ref, Fixed Range

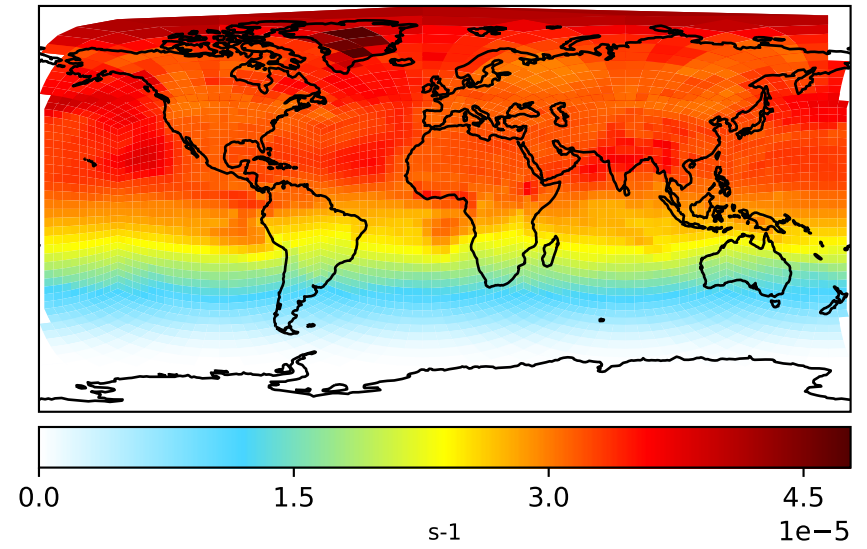


Jval_HPALD4

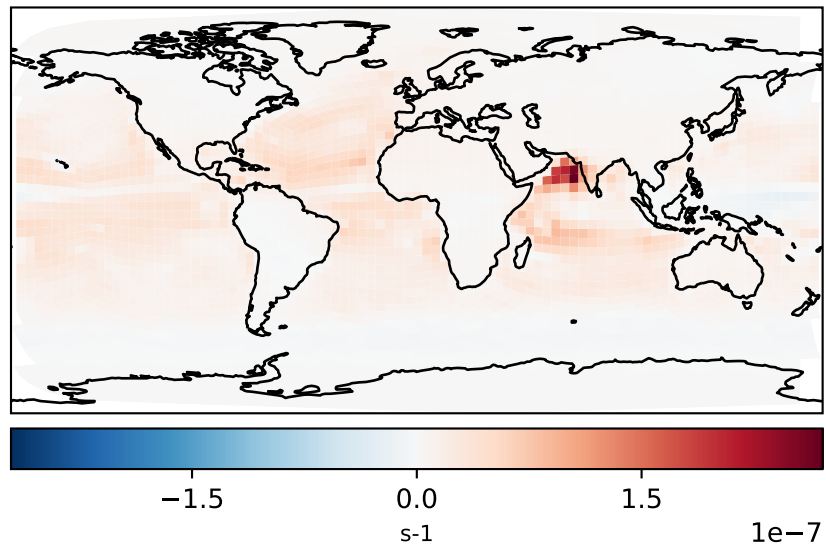
Processed GEOS-FP input, 3-hr winds (Ref)
c24



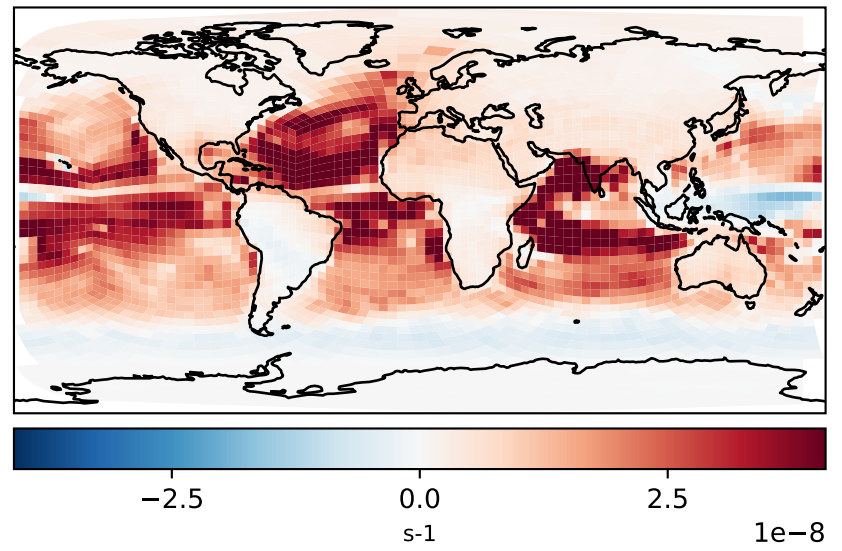
Raw GEOS-FP input, 3-hr winds (Dev)
c24



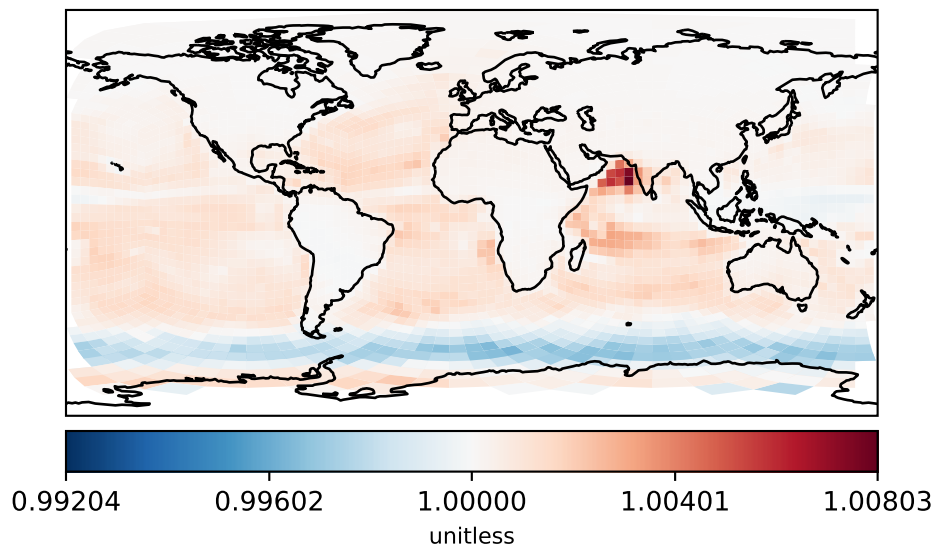
Difference
Dev - Ref, Dynamic Range



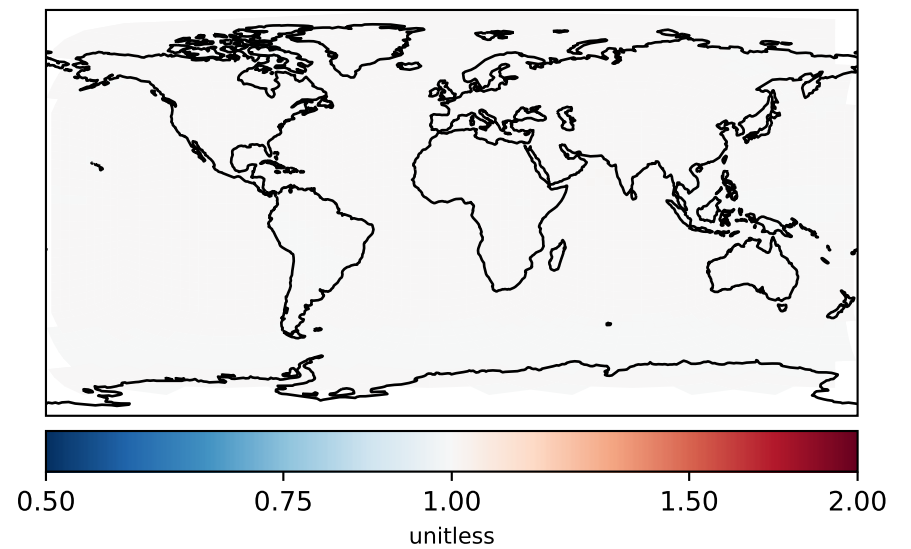
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

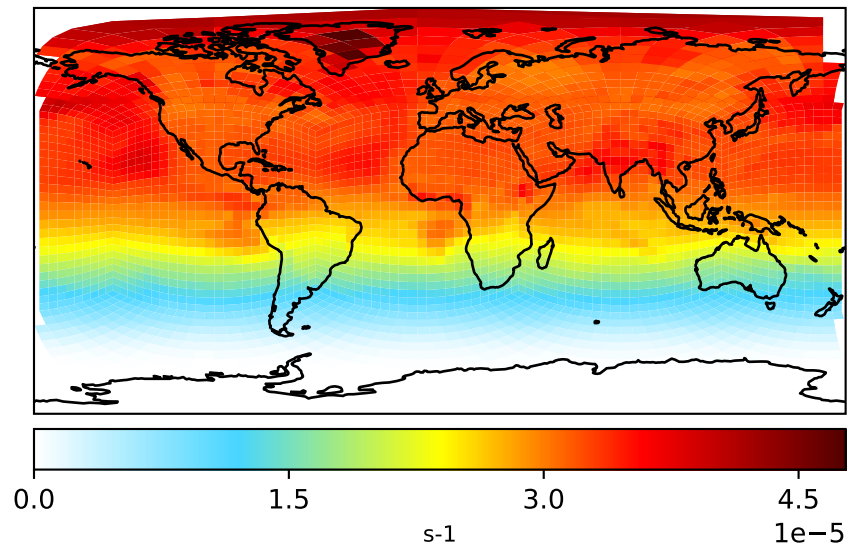


Ratio
Dev/Ref, Fixed Range

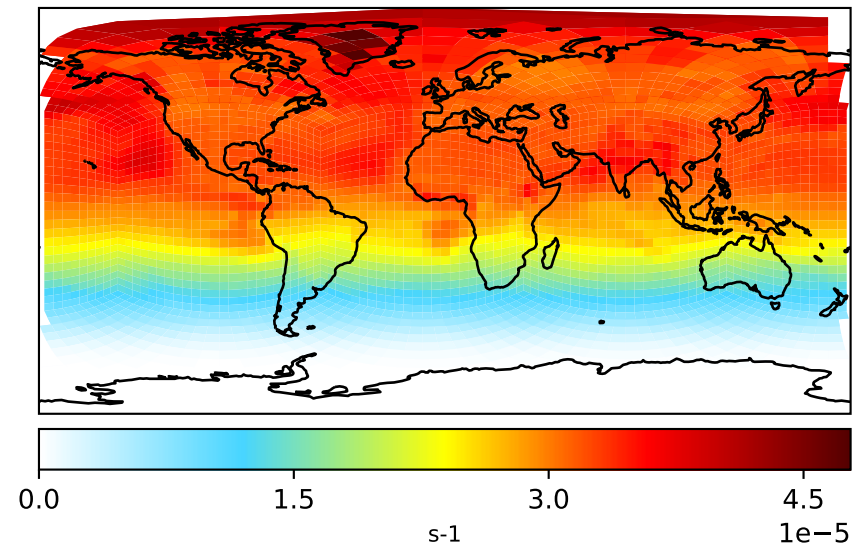


Jval_HPETHNL

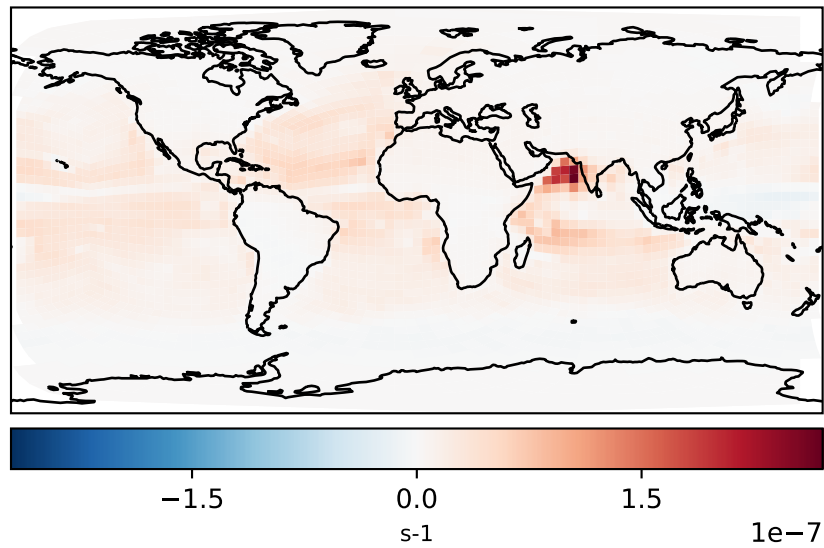
Processed GEOS-FP input, 3-hr winds (Ref)
c24



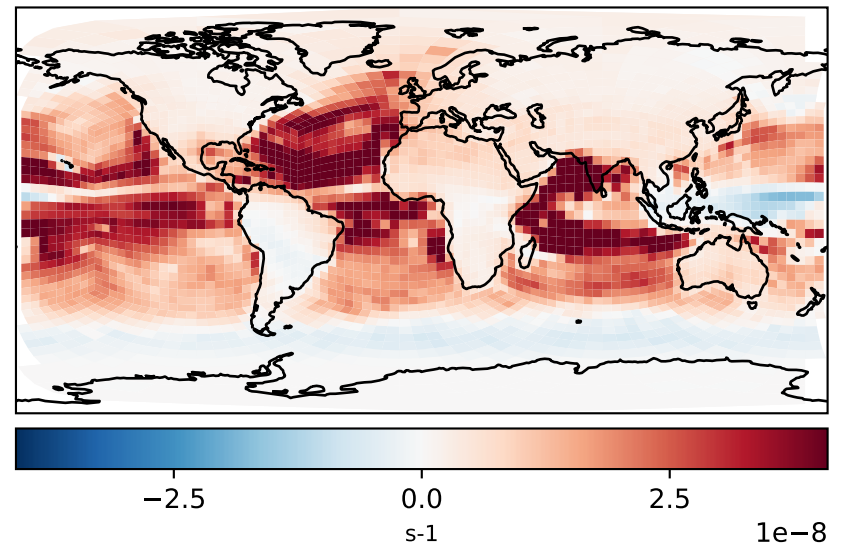
Raw GEOS-FP input, 3-hr winds (Dev)
c24



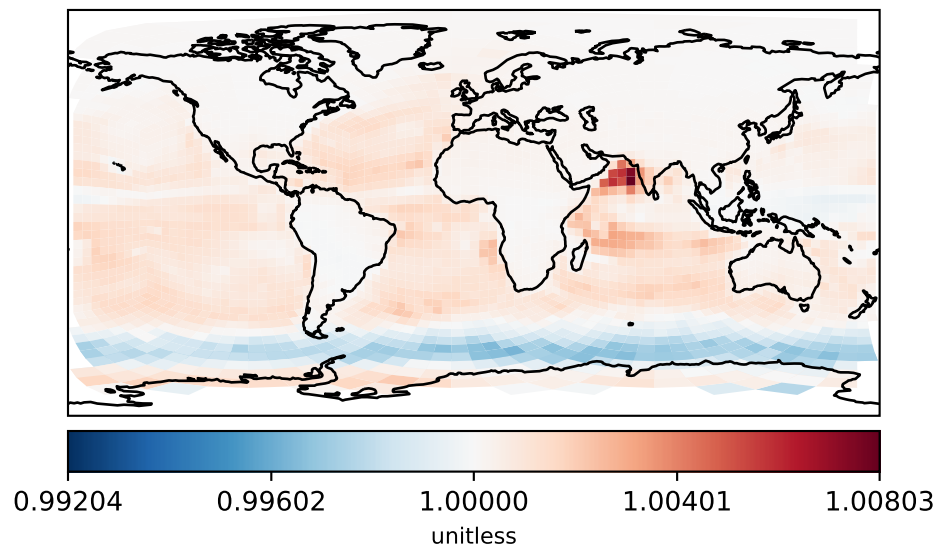
Difference
Dev - Ref, Dynamic Range



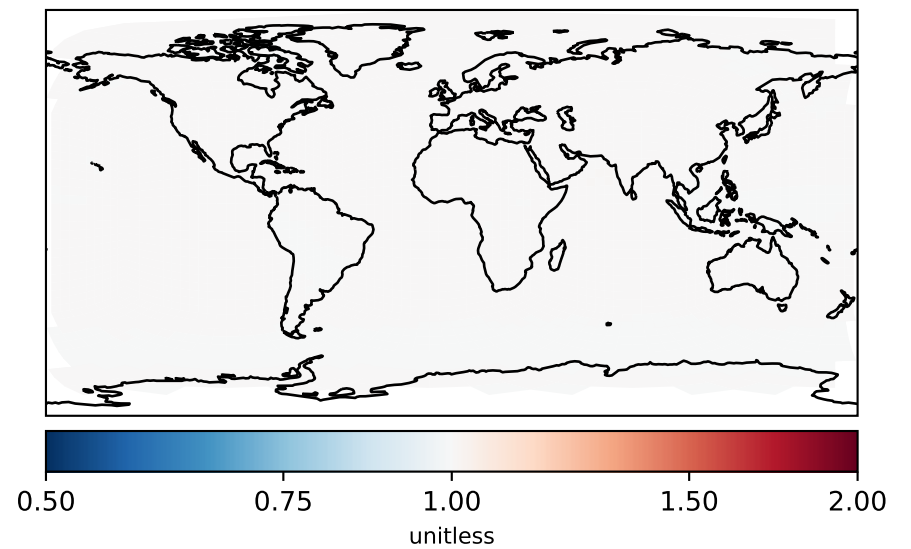
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

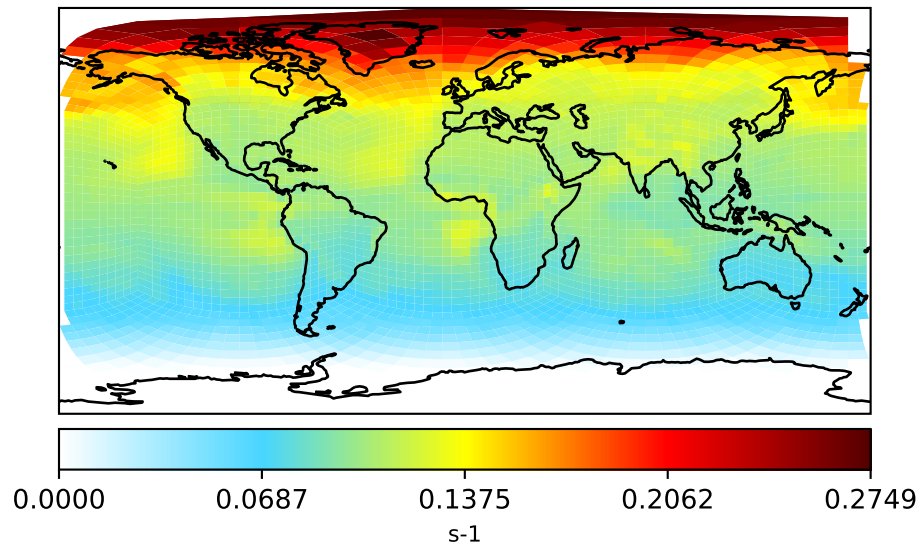


Ratio
Dev/Ref, Fixed Range

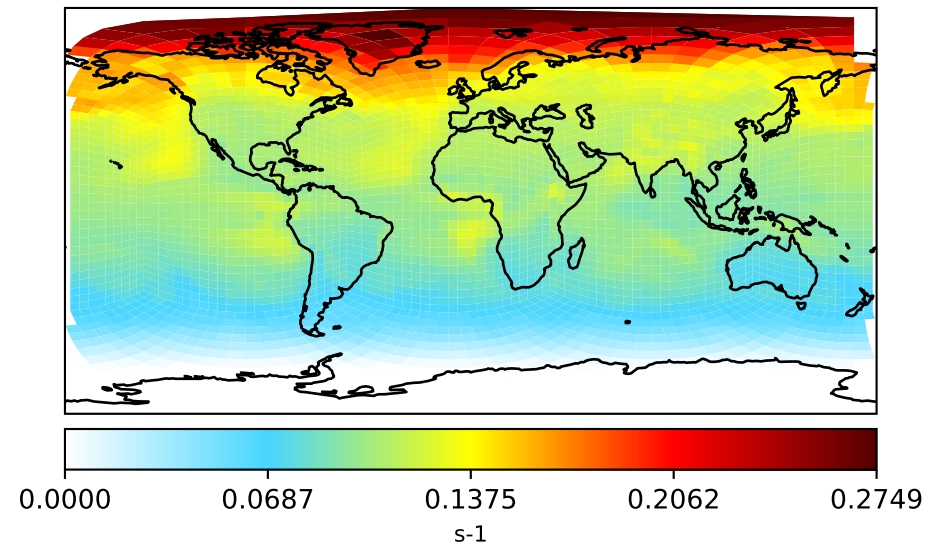


Jval_I2

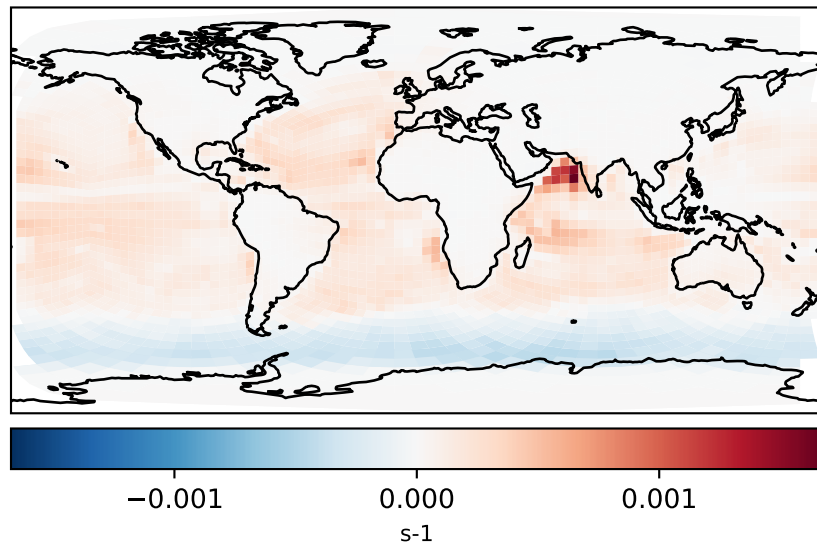
Processed GEOS-FP input, 3-hr winds (Ref)
c24



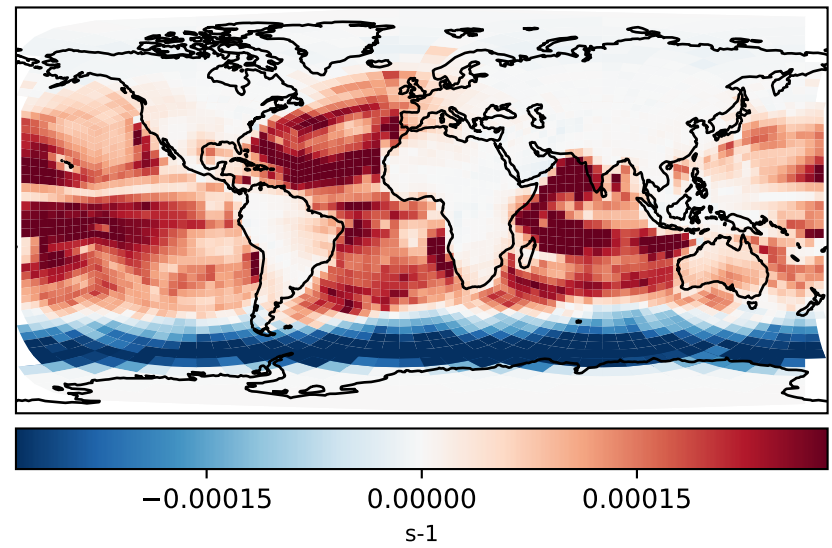
Raw GEOS-FP input, 3-hr winds (Dev)
c24



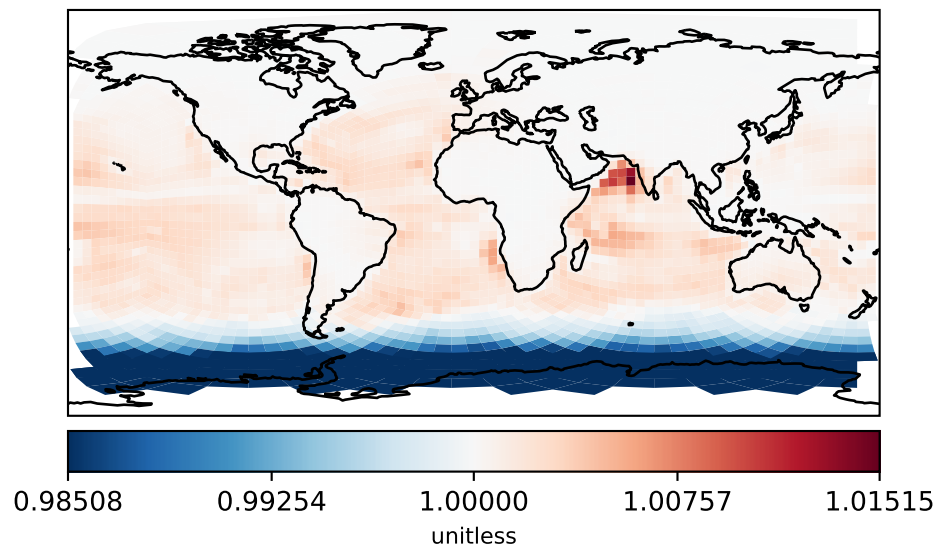
Difference
Dev - Ref, Dynamic Range



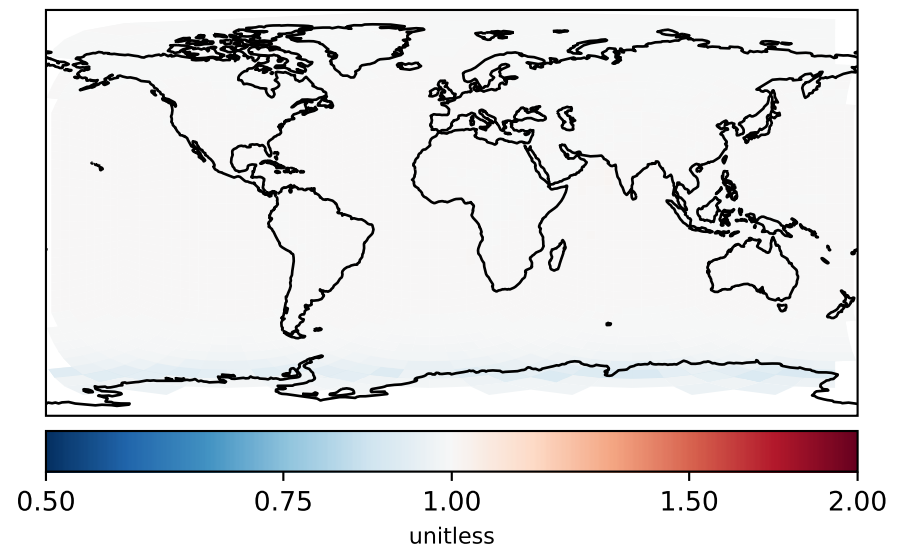
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

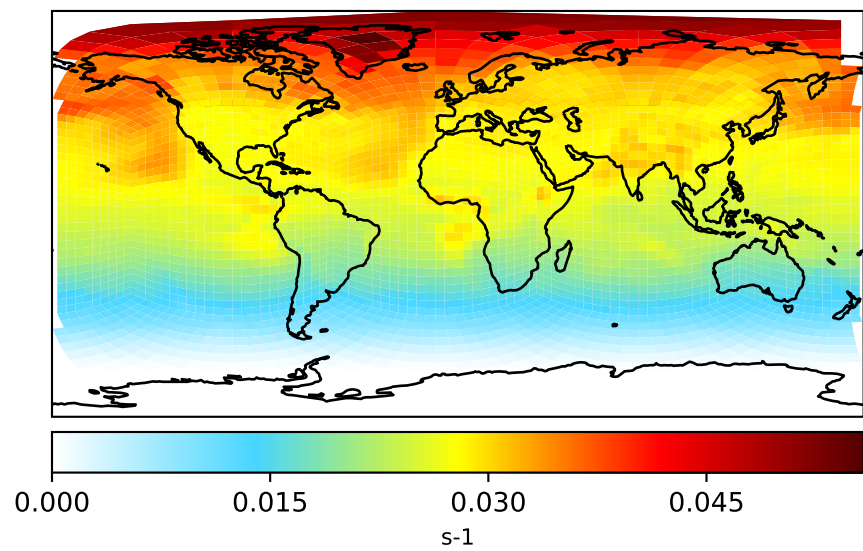


Ratio
Dev/Ref, Fixed Range

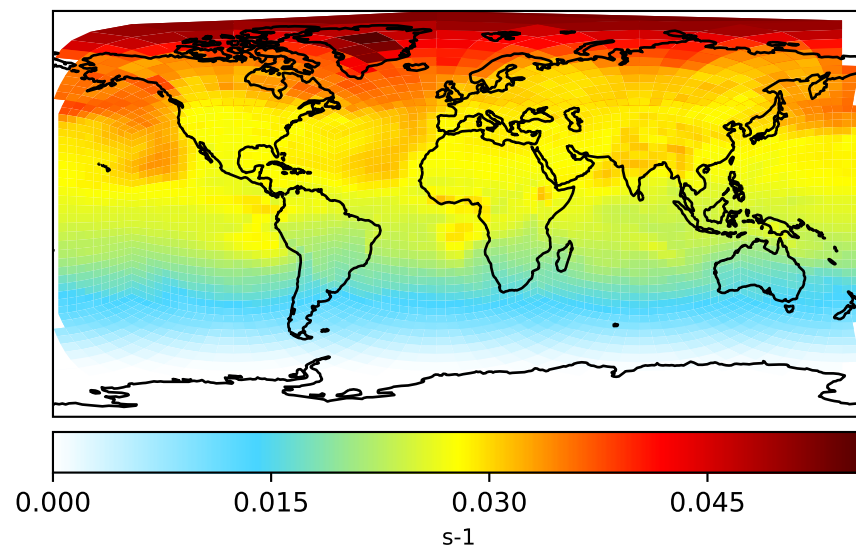


Jval_I202

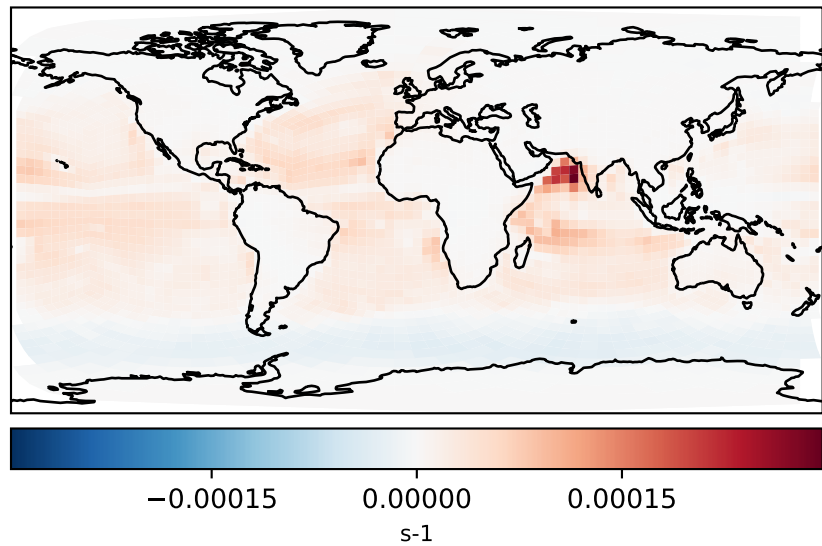
Processed GEOS-FP input, 3-hr winds (Ref)
c24



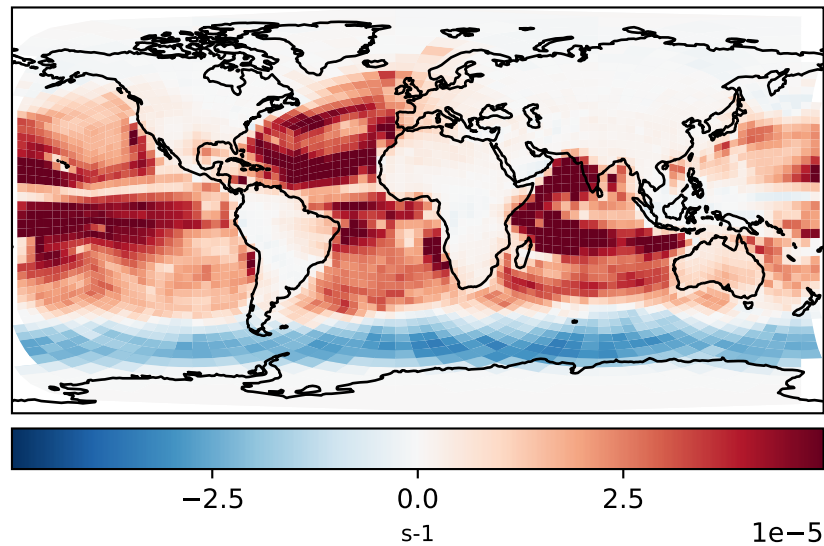
Raw GEOS-FP input, 3-hr winds (Dev)
c24



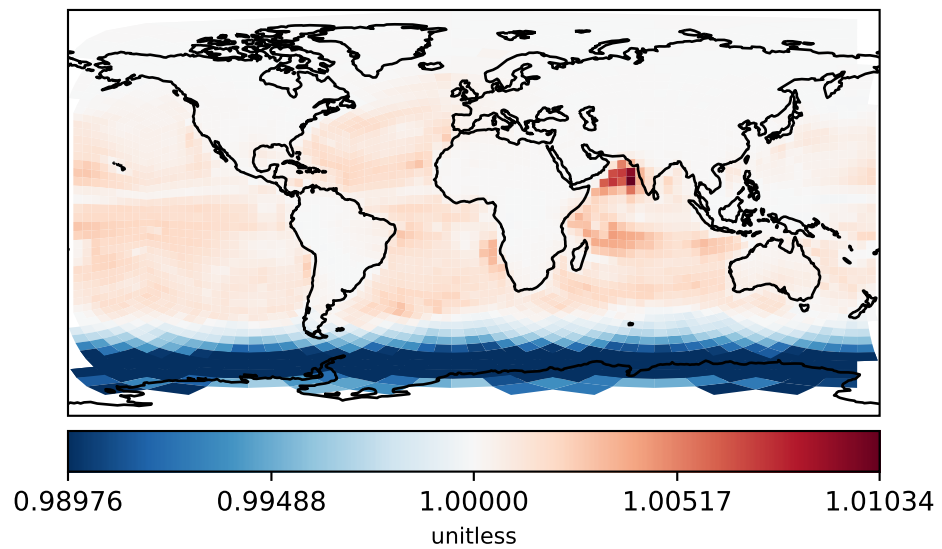
Difference
Dev - Ref, Dynamic Range



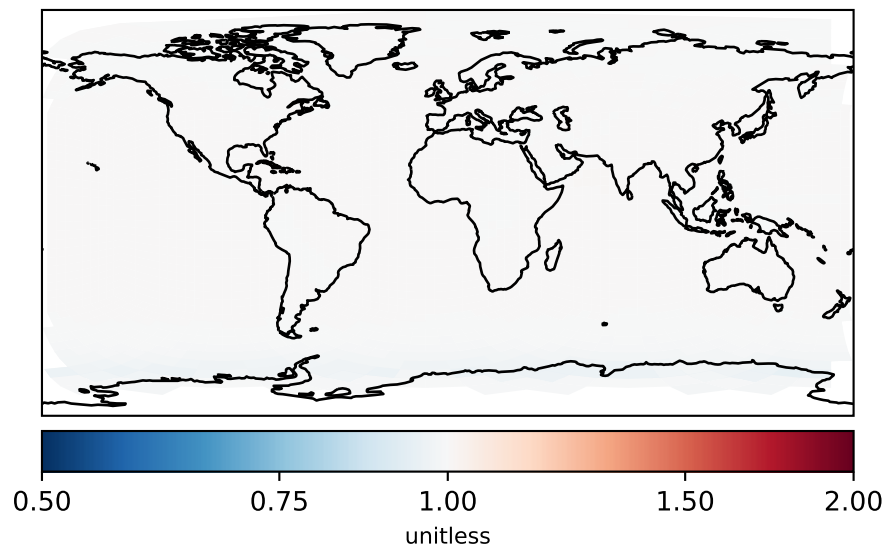
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

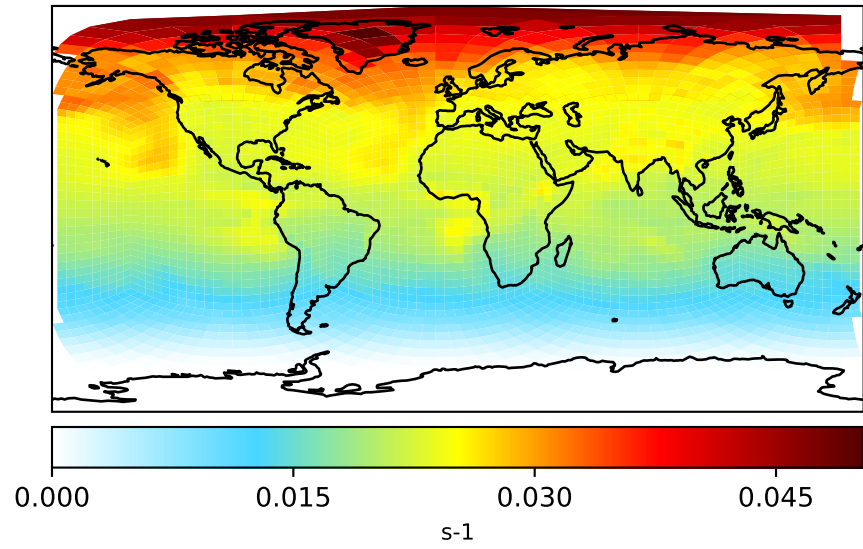


Ratio
Dev/Ref, Fixed Range

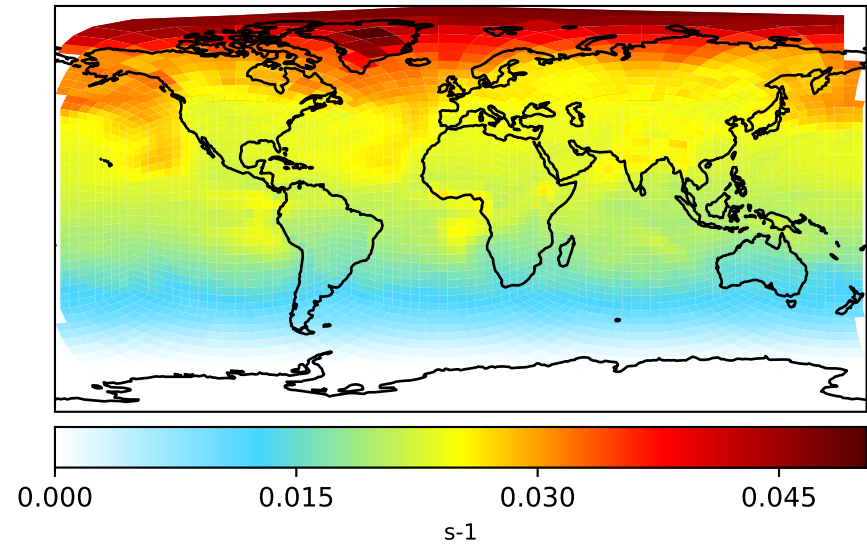


Jval_I203

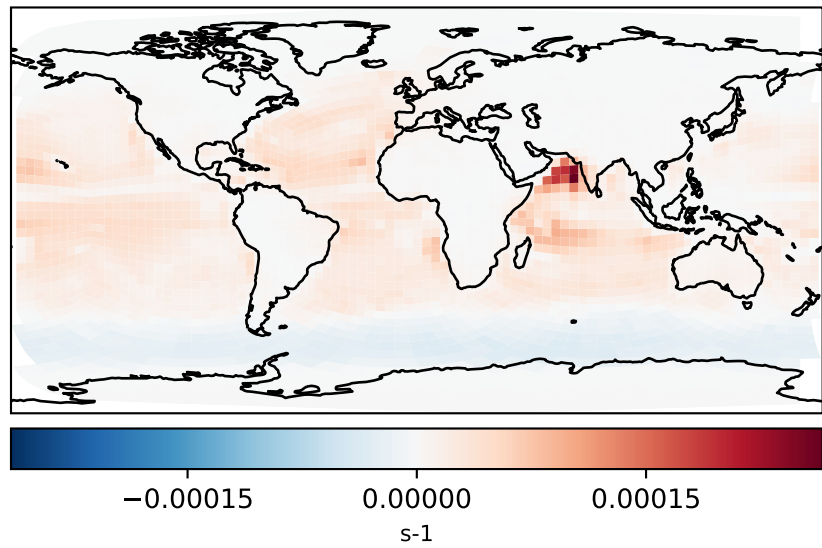
Processed GEOS-FP input, 3-hr winds (Ref)
c24



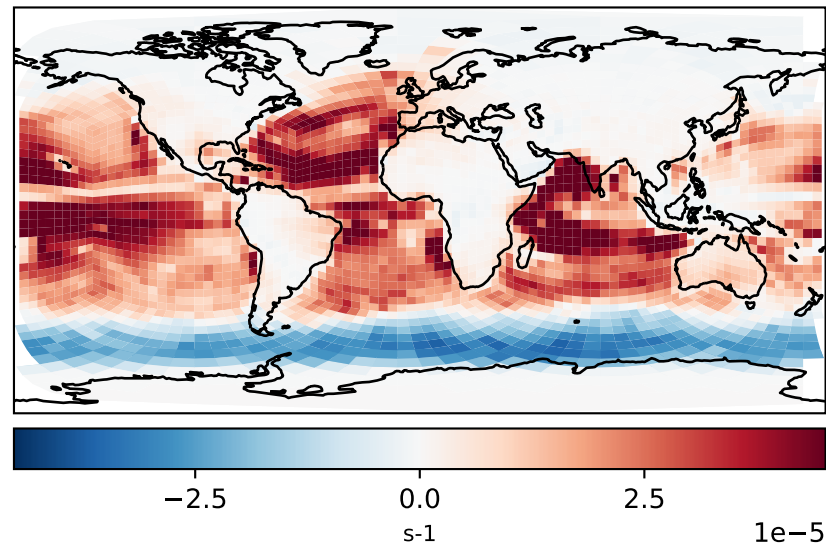
Raw GEOS-FP input, 3-hr winds (Dev)
c24



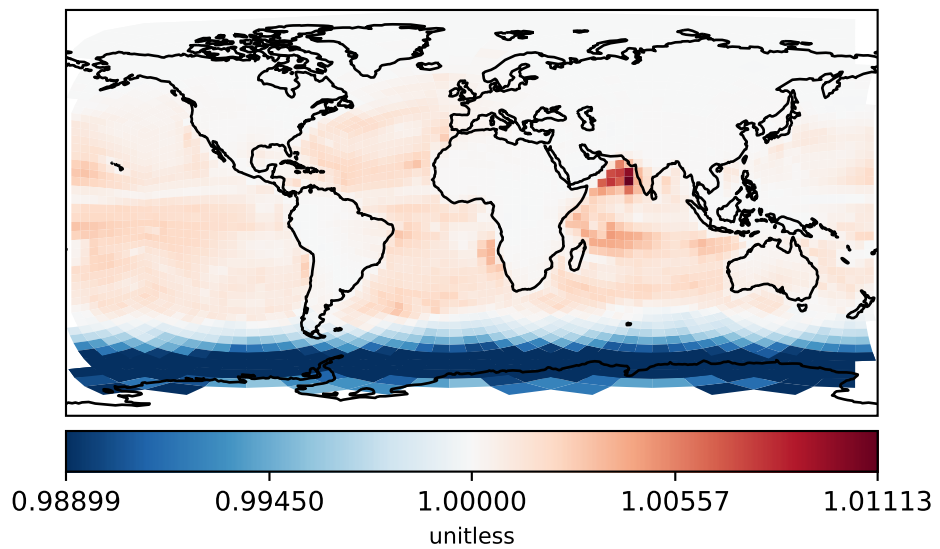
Difference
Dev - Ref, Dynamic Range



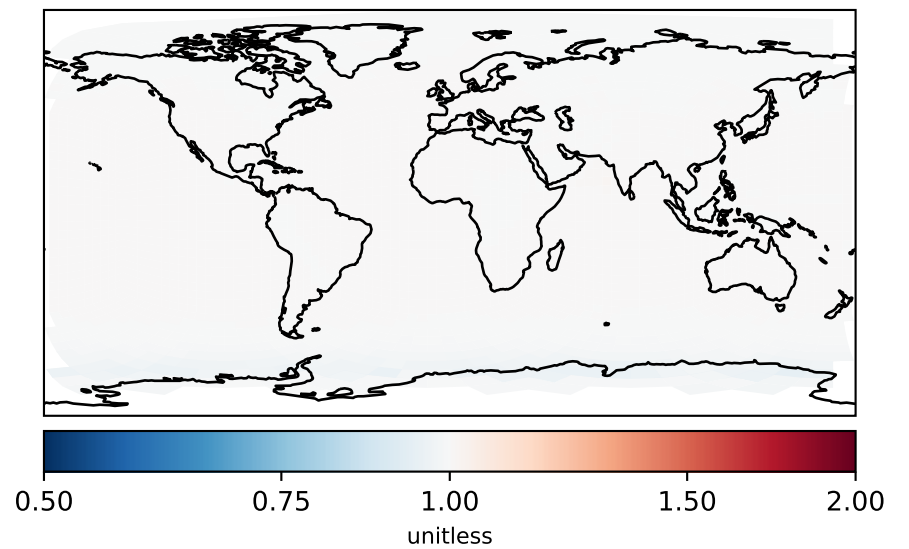
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

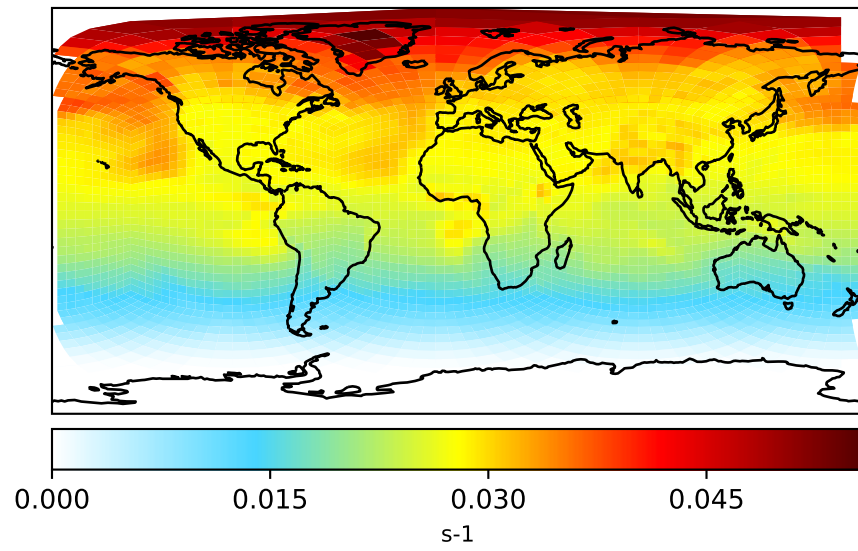


Ratio
Dev/Ref, Fixed Range

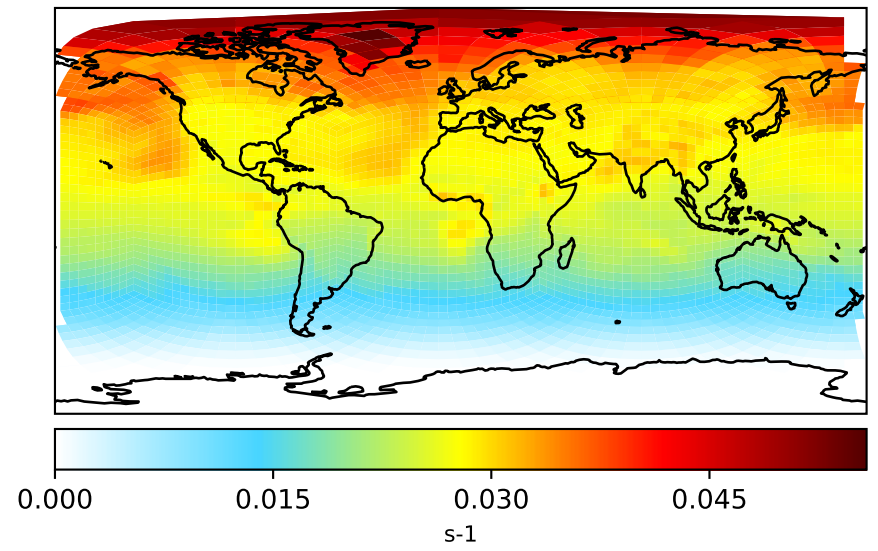


Jval_I204

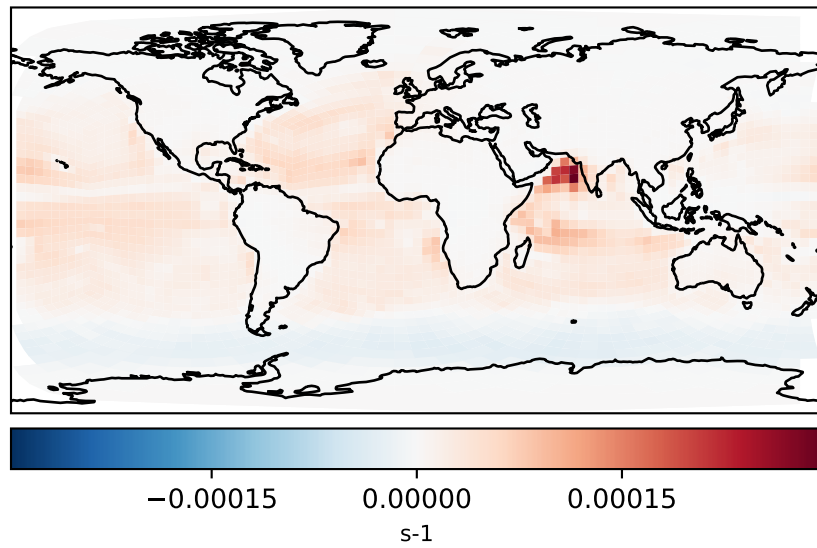
Processed GEOS-FP input, 3-hr winds (Ref)
c24



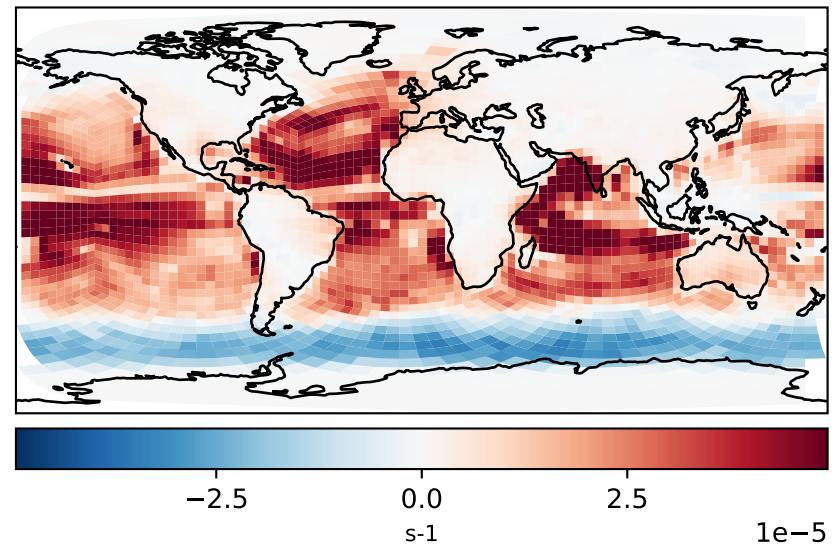
Raw GEOS-FP input, 3-hr winds (Dev)
c24



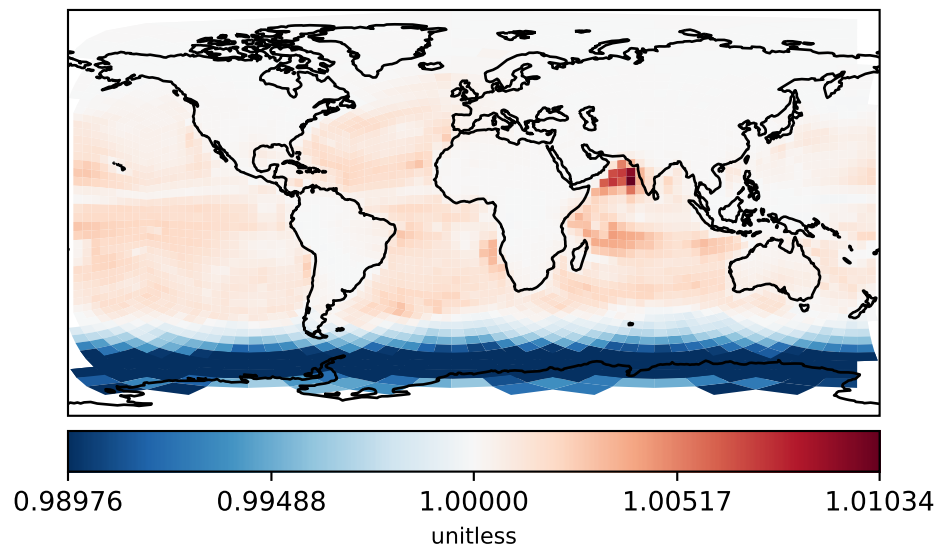
Difference
Dev - Ref, Dynamic Range



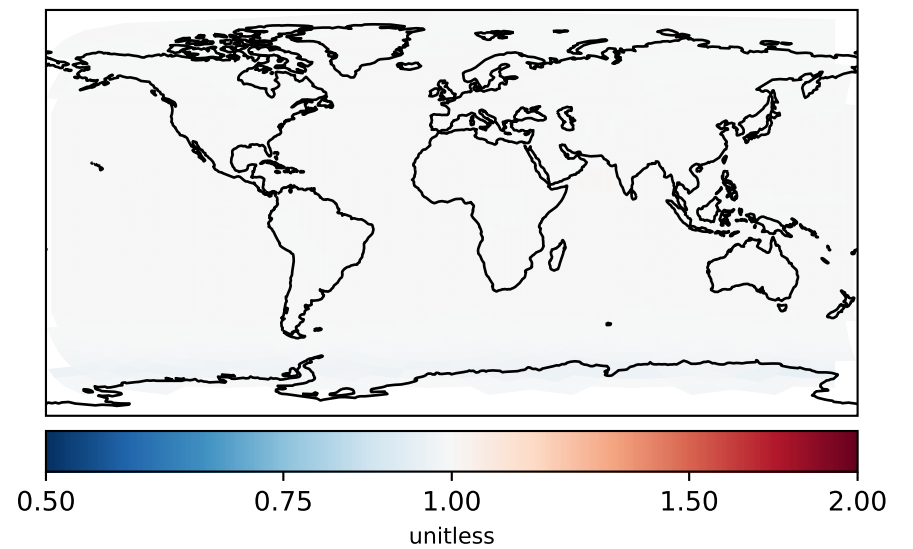
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

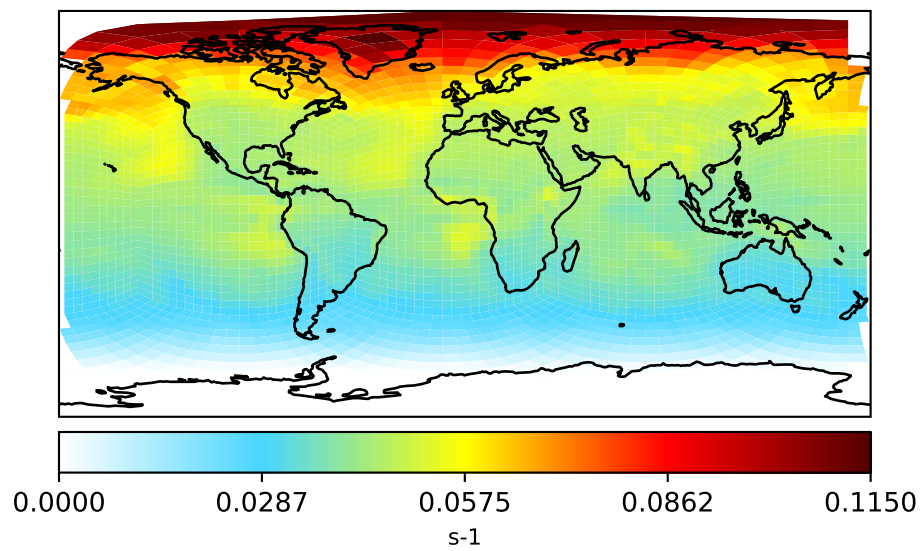


Ratio
Dev/Ref, Fixed Range

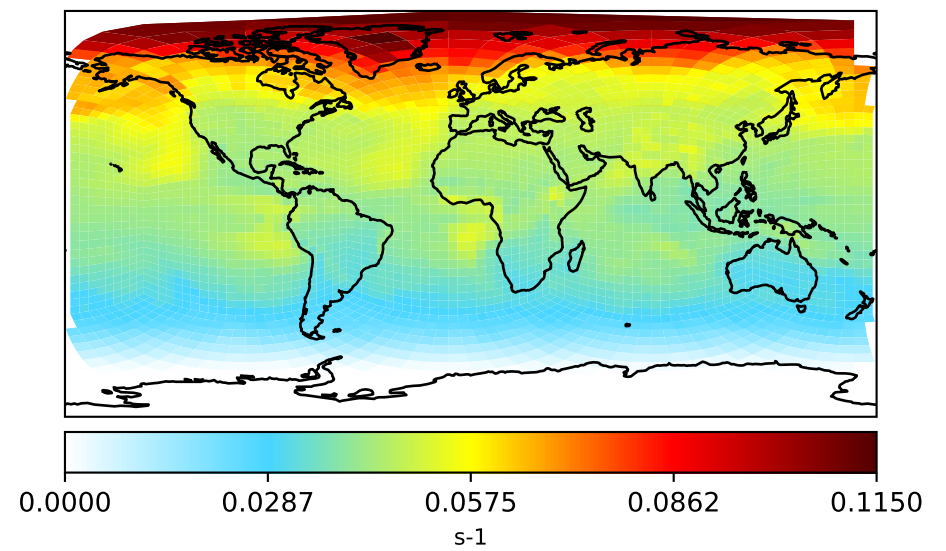


Jval_IBr

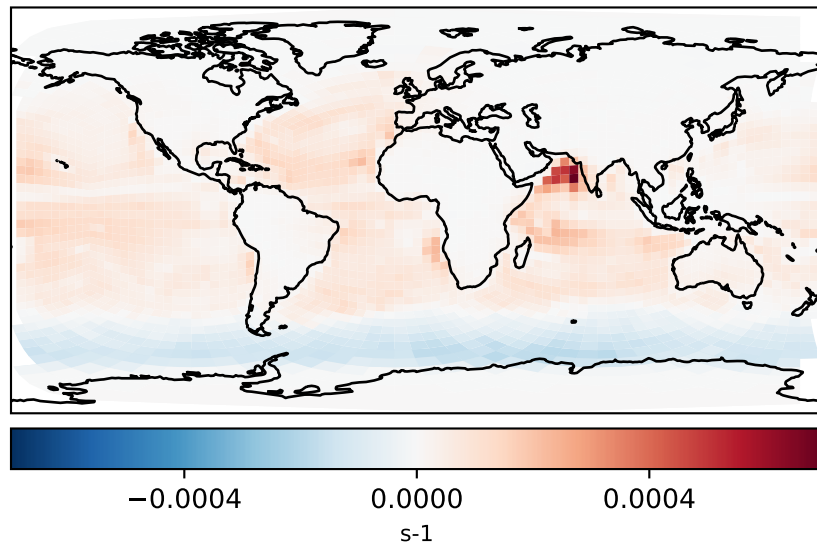
Processed GEOS-FP input, 3-hr winds (Ref)
c24



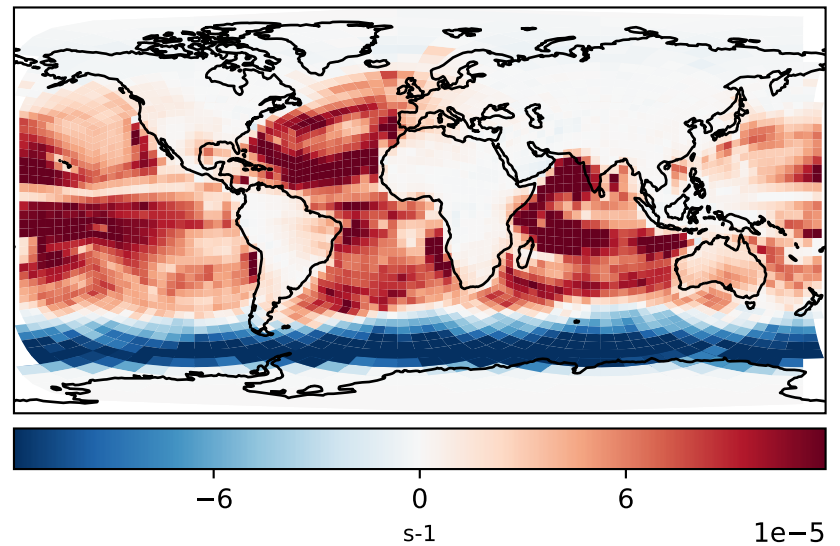
Raw GEOS-FP input, 3-hr winds (Dev)
c24



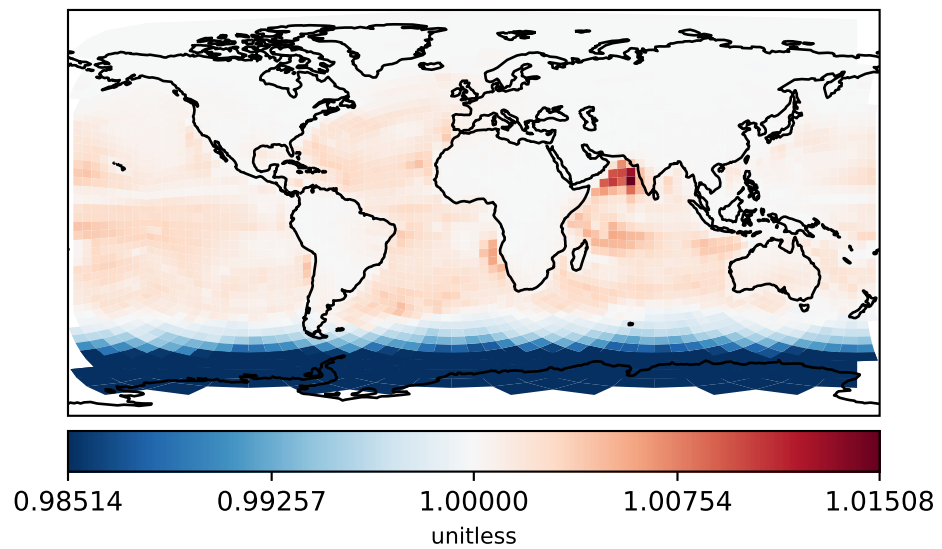
Difference
Dev - Ref, Dynamic Range



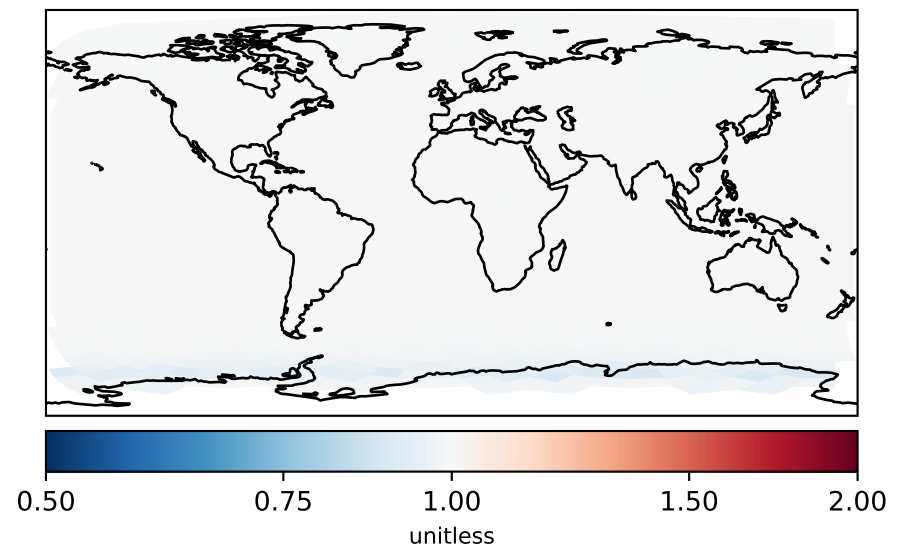
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

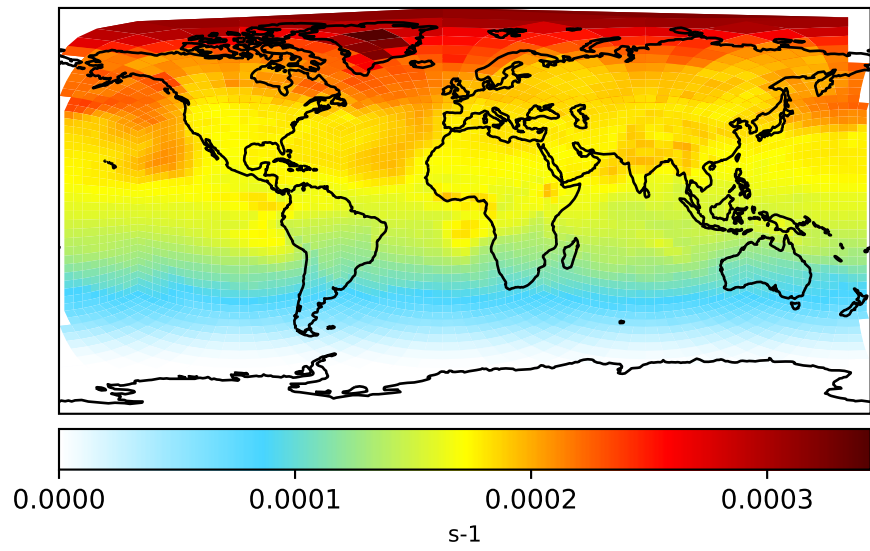


Ratio
Dev/Ref, Fixed Range

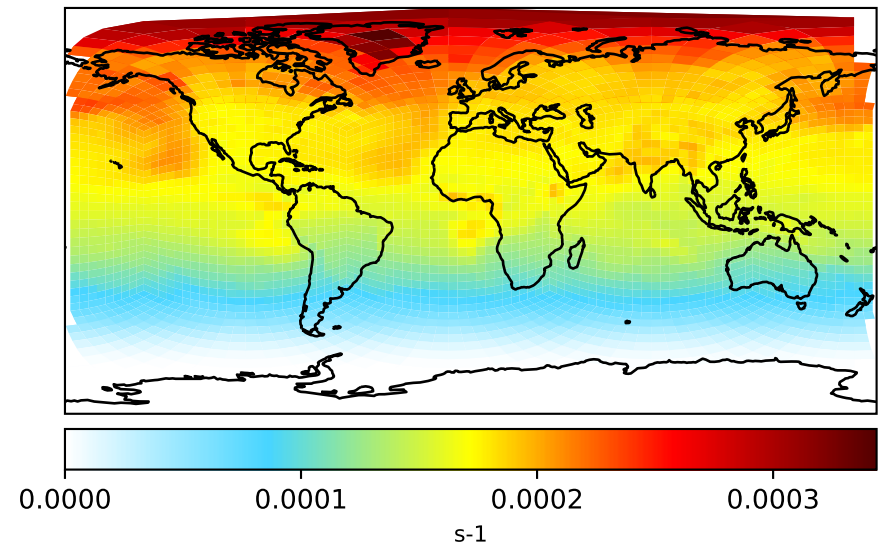


Jval_ICN

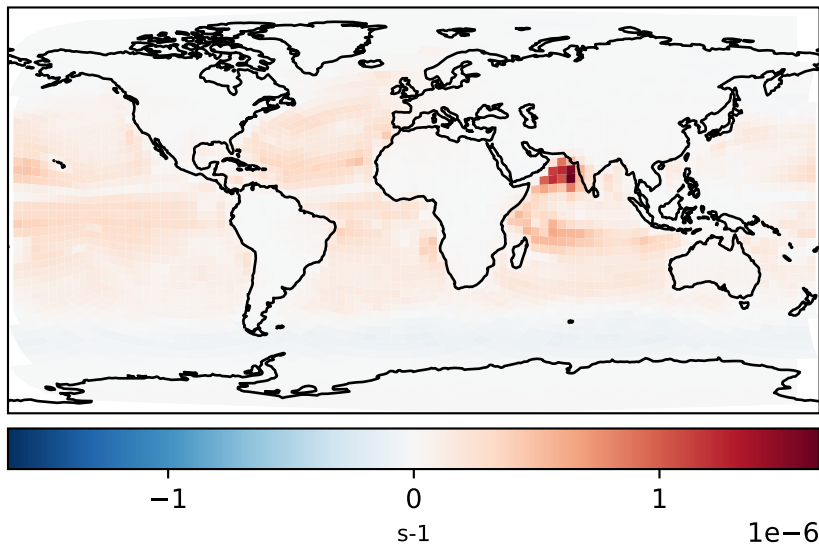
Processed GEOS-FP input, 3-hr winds (Ref)
c24



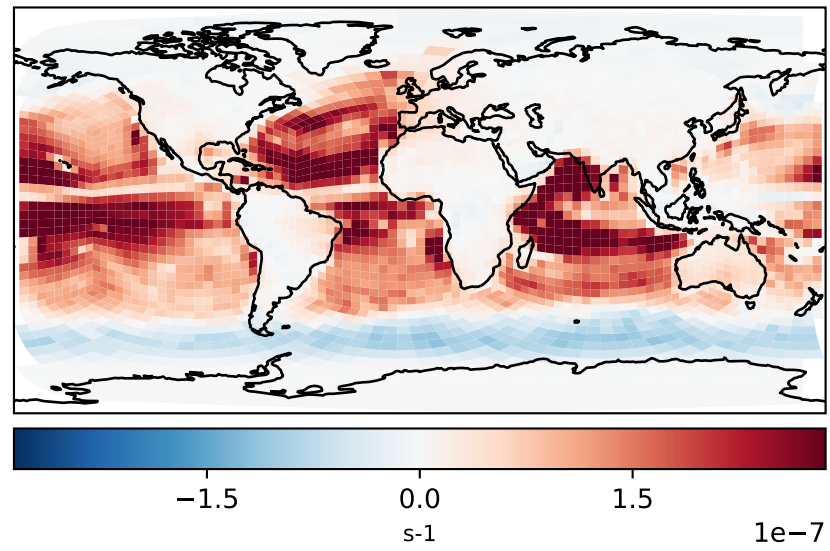
Raw GEOS-FP input, 3-hr winds (Dev)
c24



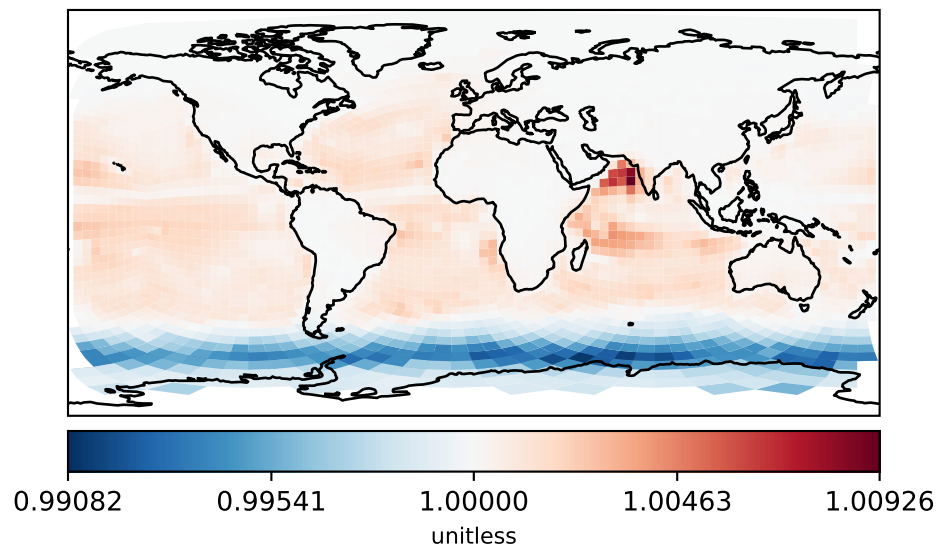
Difference
Dev - Ref, Dynamic Range



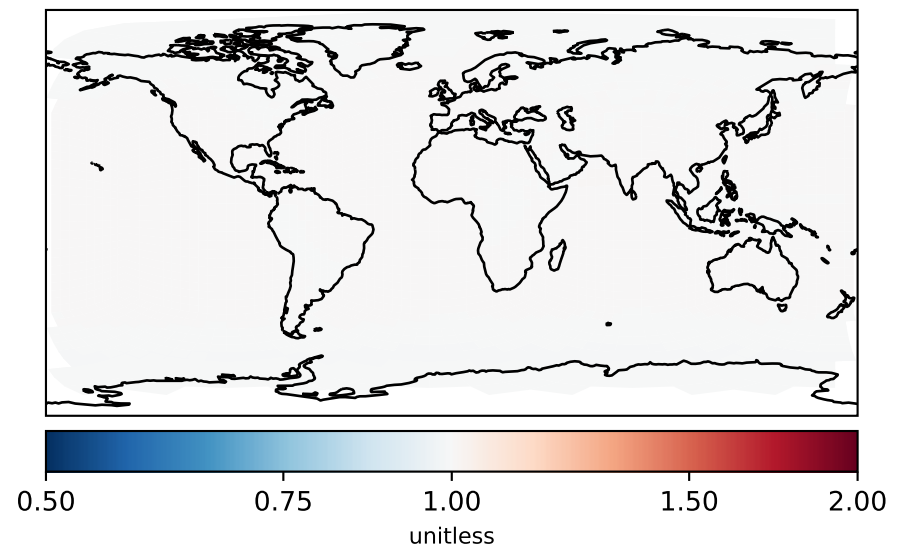
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

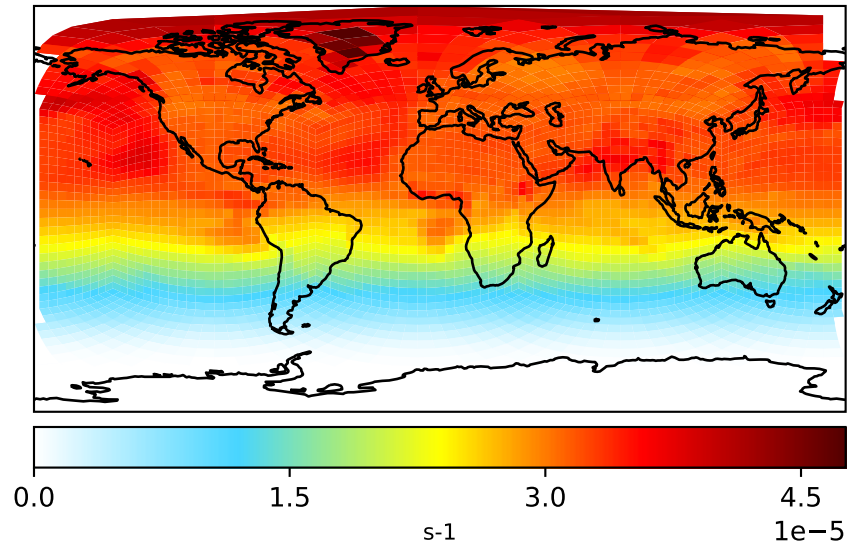


Ratio
Dev/Ref, Fixed Range

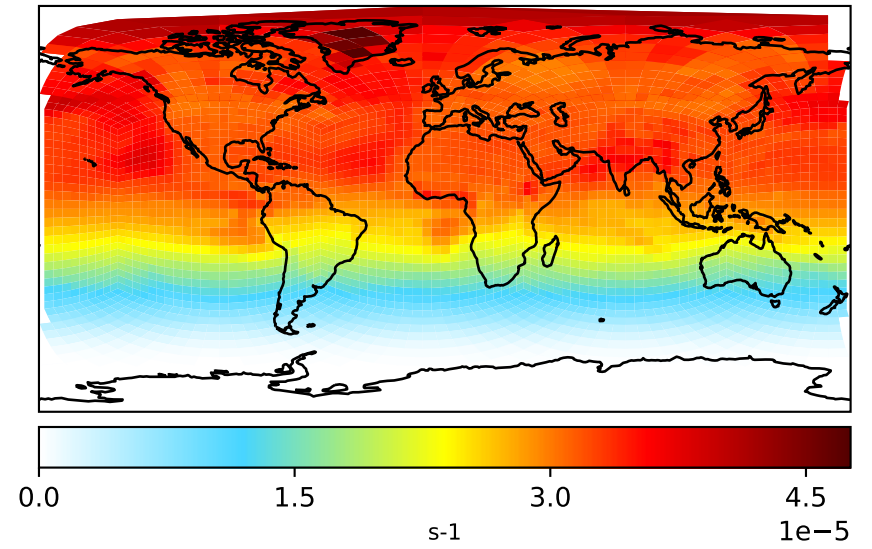


Jval_ICPDH

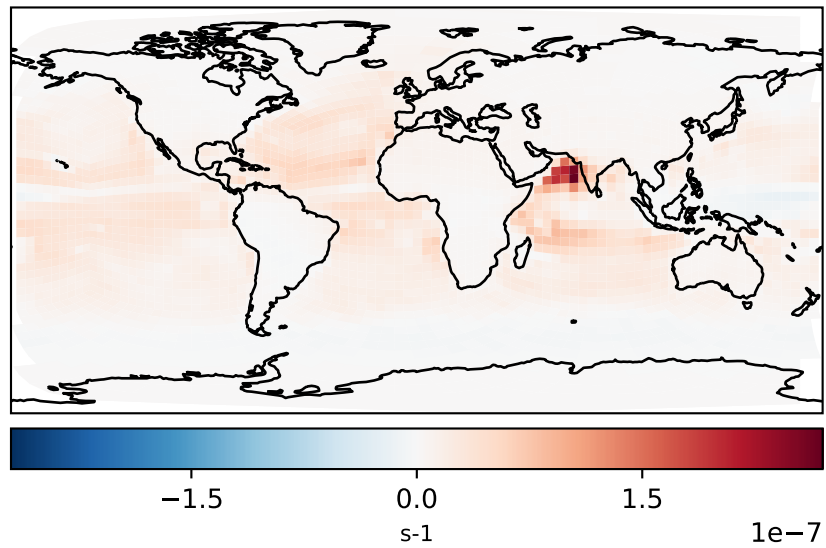
Processed GEOS-FP input, 3-hr winds (Ref)
c24



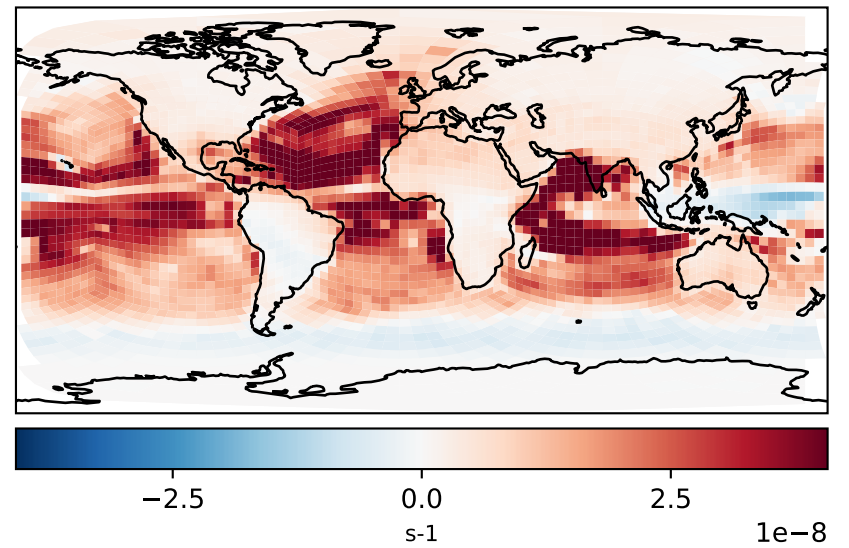
Raw GEOS-FP input, 3-hr winds (Dev)
c24



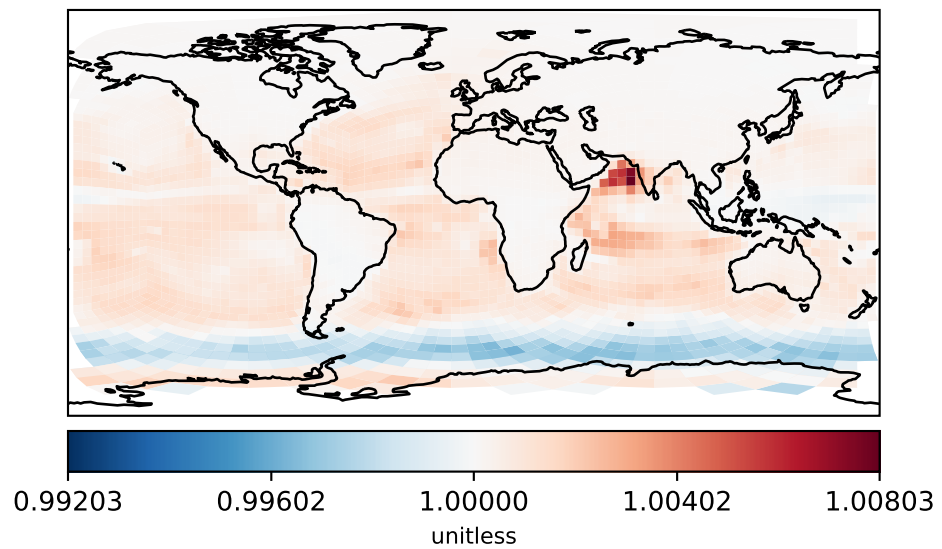
Difference
Dev - Ref, Dynamic Range



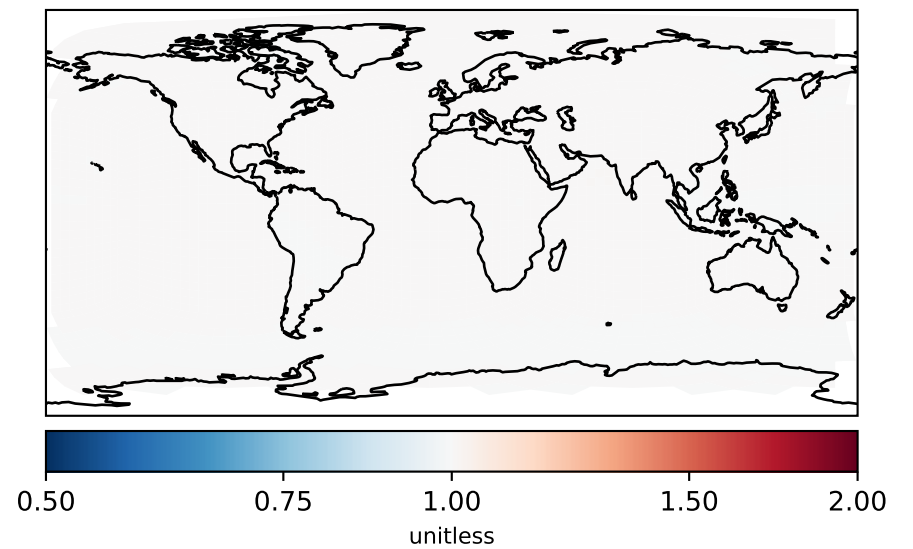
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

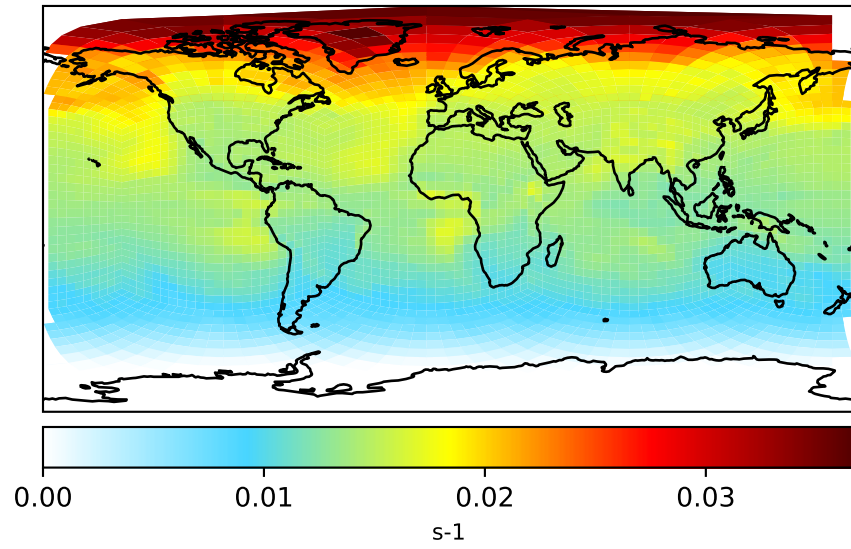


Ratio
Dev/Ref, Fixed Range

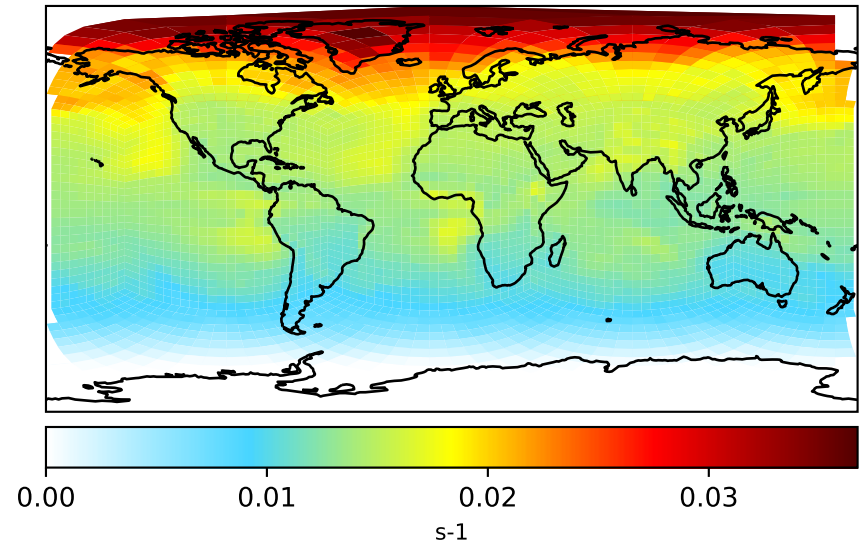


Jval_ICI

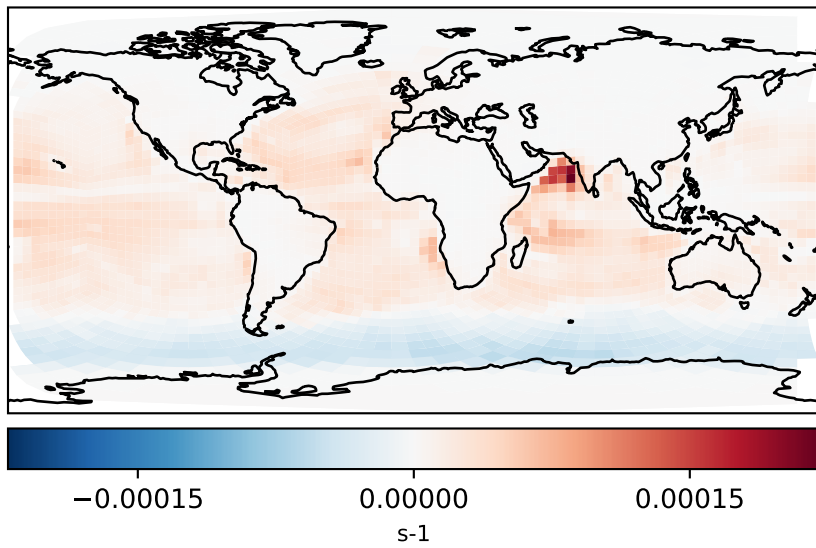
Processed GEOS-FP input, 3-hr winds (Ref)
c24



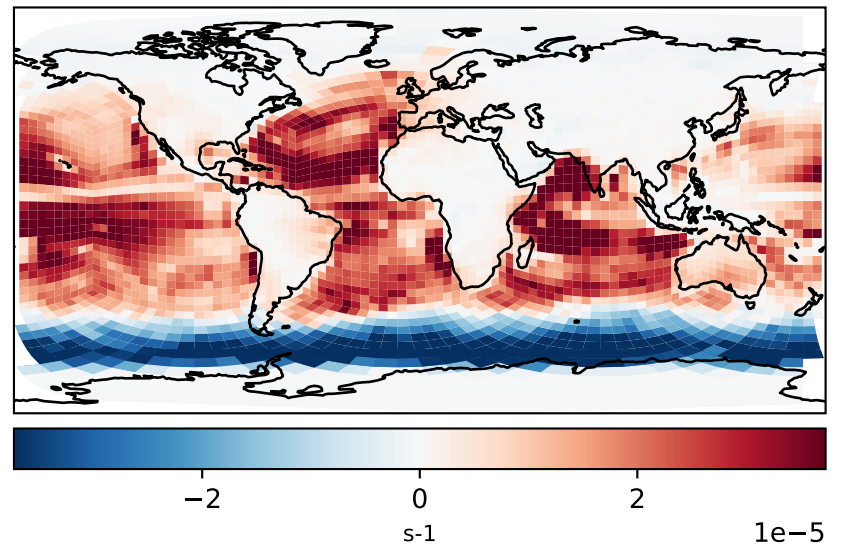
Raw GEOS-FP input, 3-hr winds (Dev)
c24



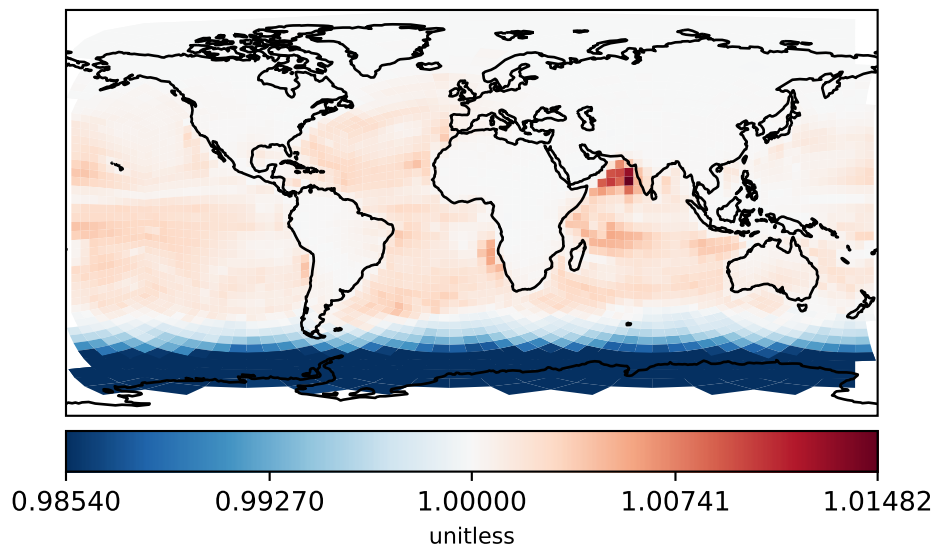
Difference
Dev - Ref, Dynamic Range



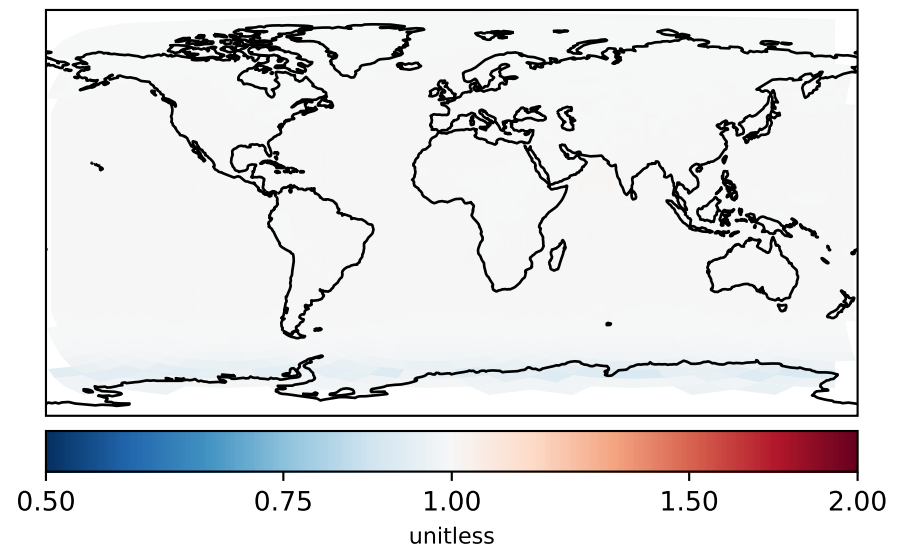
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

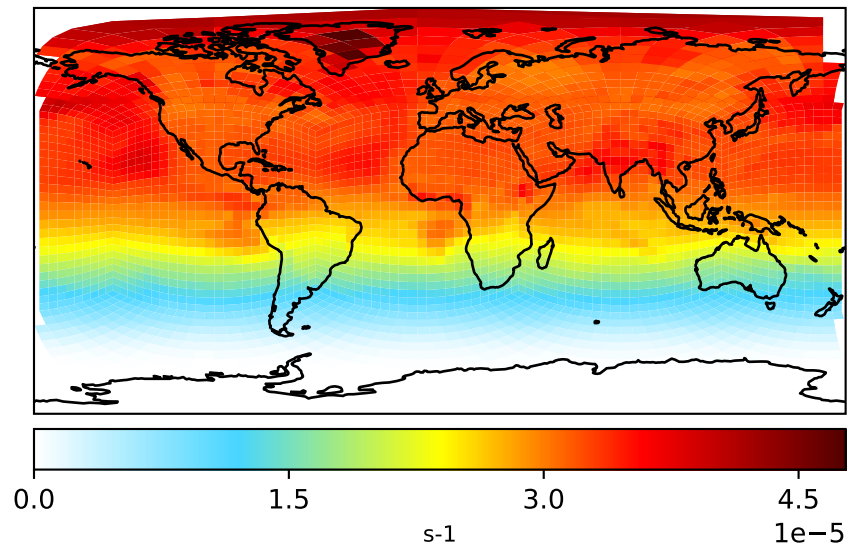


Ratio
Dev/Ref, Fixed Range

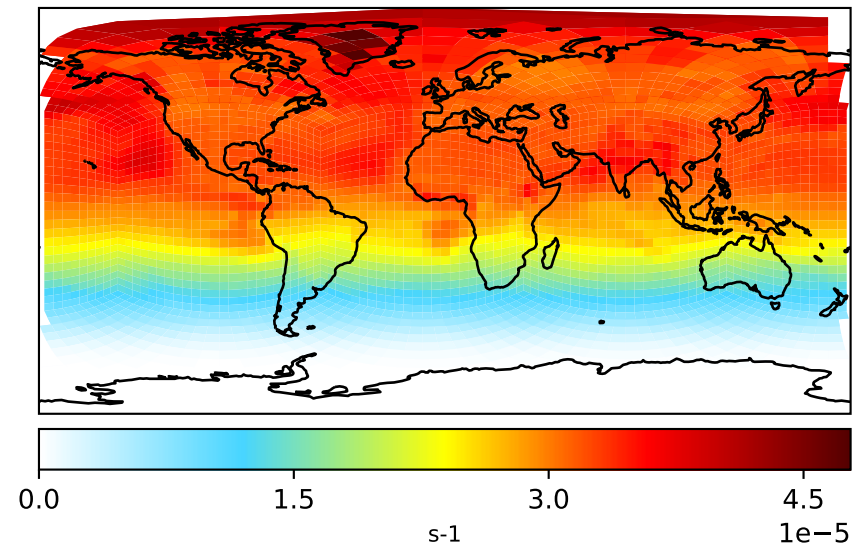


Jval_IDCHP

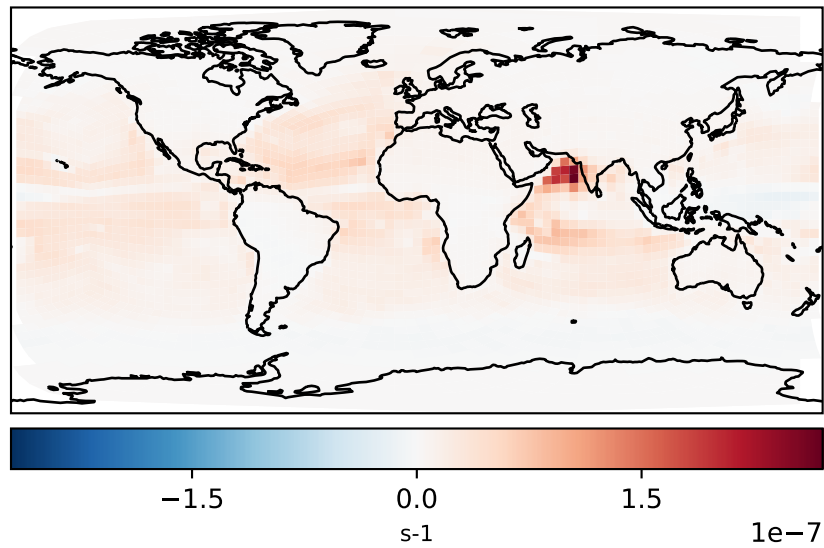
Processed GEOS-FP input, 3-hr winds (Ref)
c24



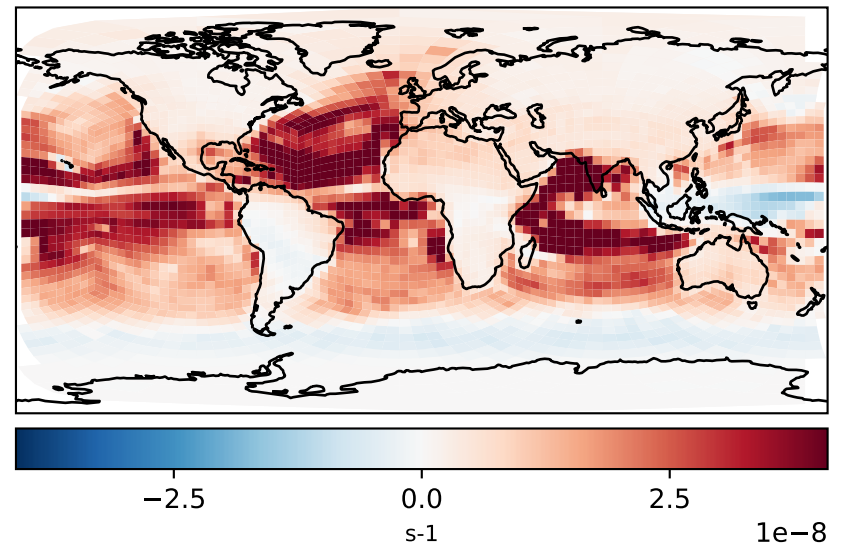
Raw GEOS-FP input, 3-hr winds (Dev)
c24



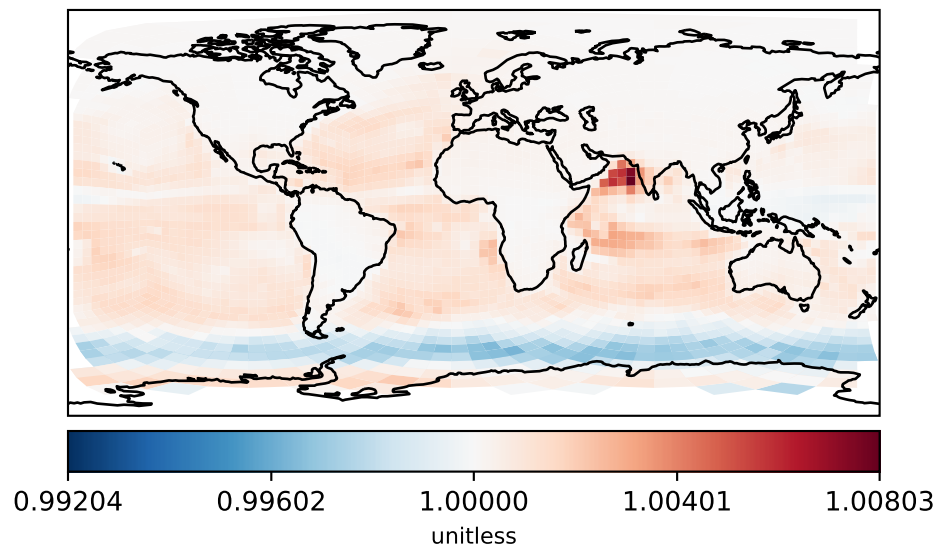
Difference
Dev - Ref, Dynamic Range



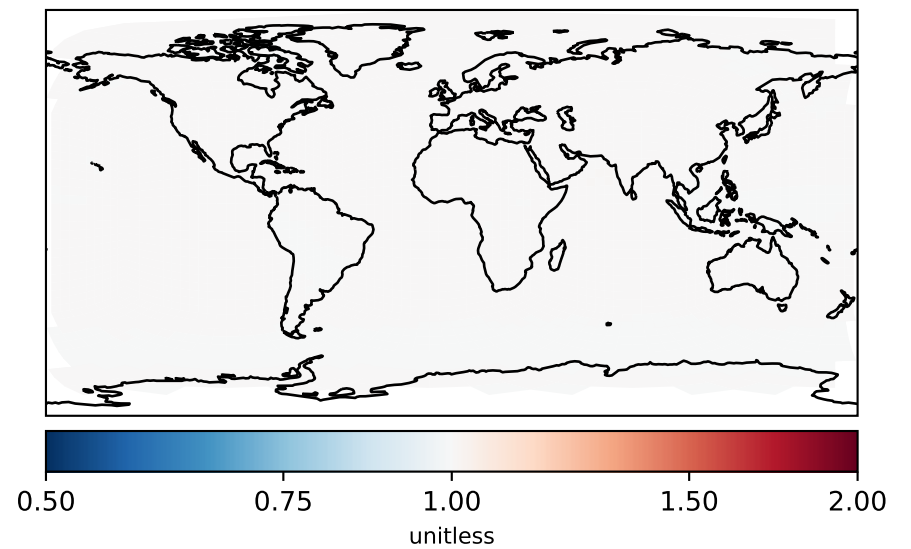
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

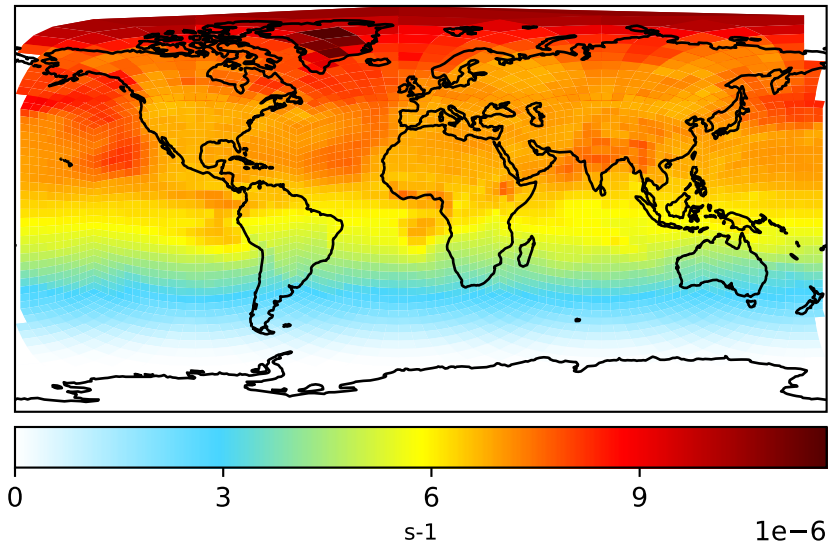


Ratio
Dev/Ref, Fixed Range

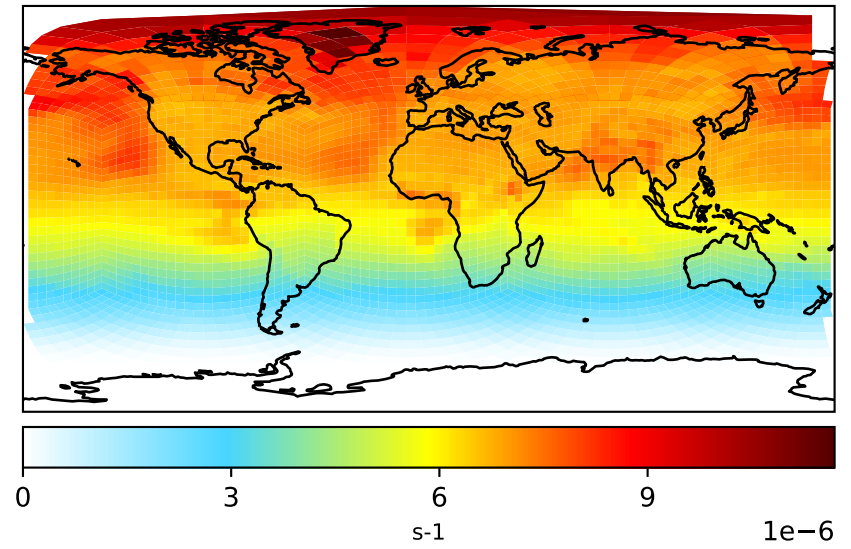


Jval_IDHDP

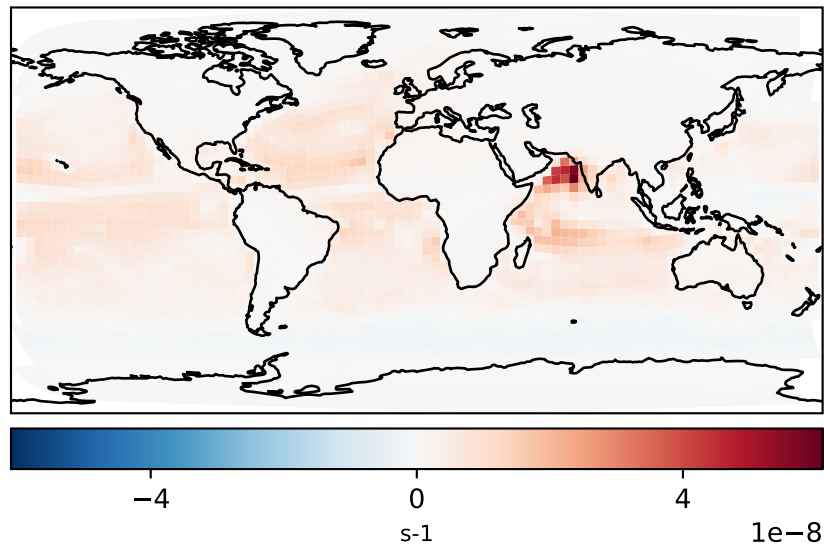
Processed GEOS-FP input, 3-hr winds (Ref)
c24



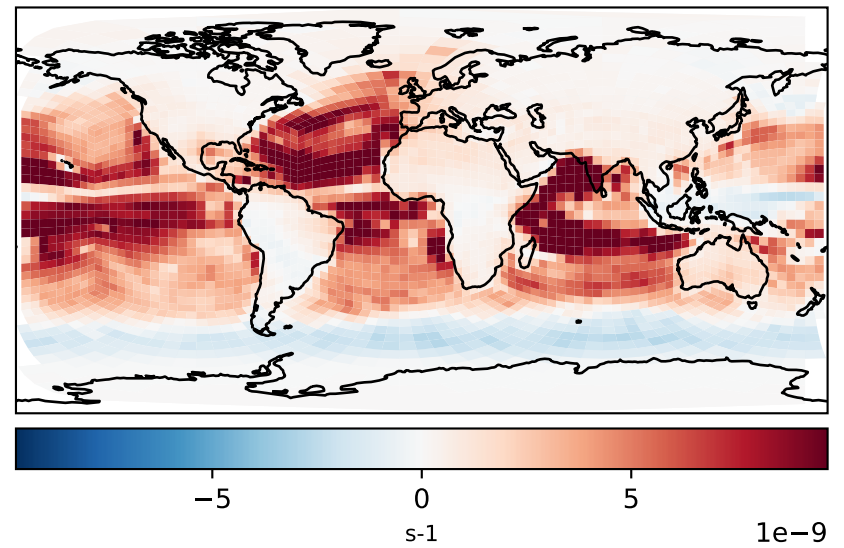
Raw GEOS-FP input, 3-hr winds (Dev)
c24



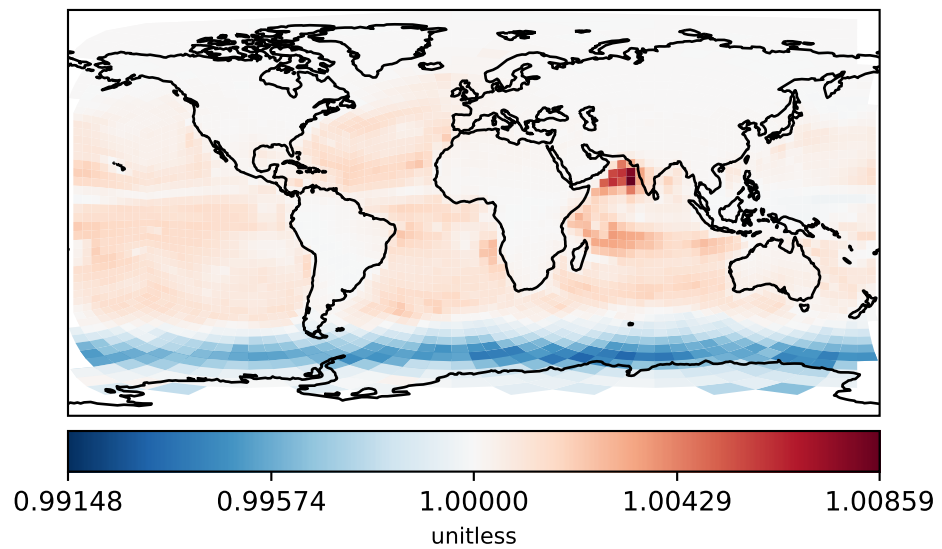
Difference
Dev - Ref, Dynamic Range



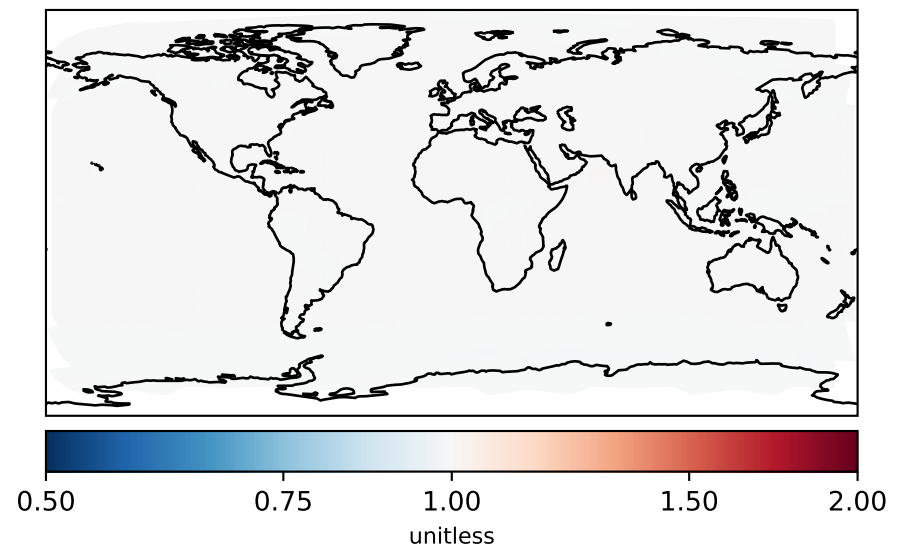
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

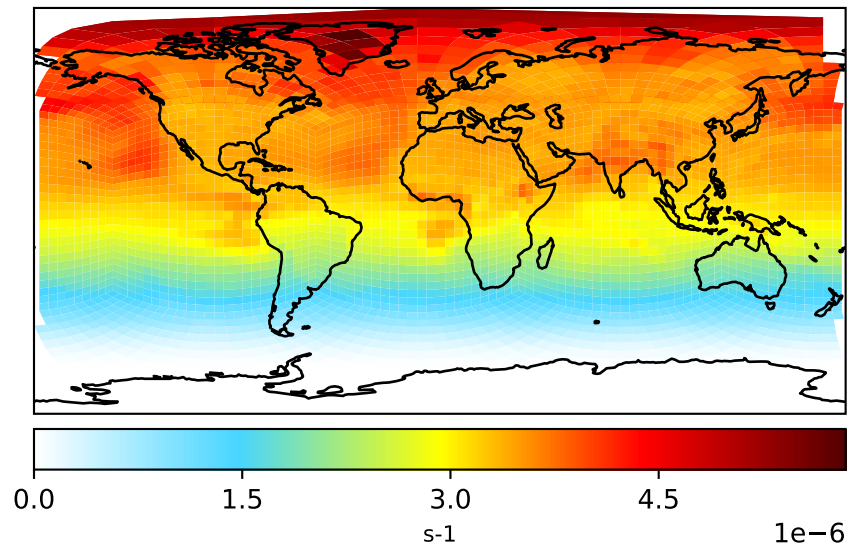


Ratio
Dev/Ref, Fixed Range

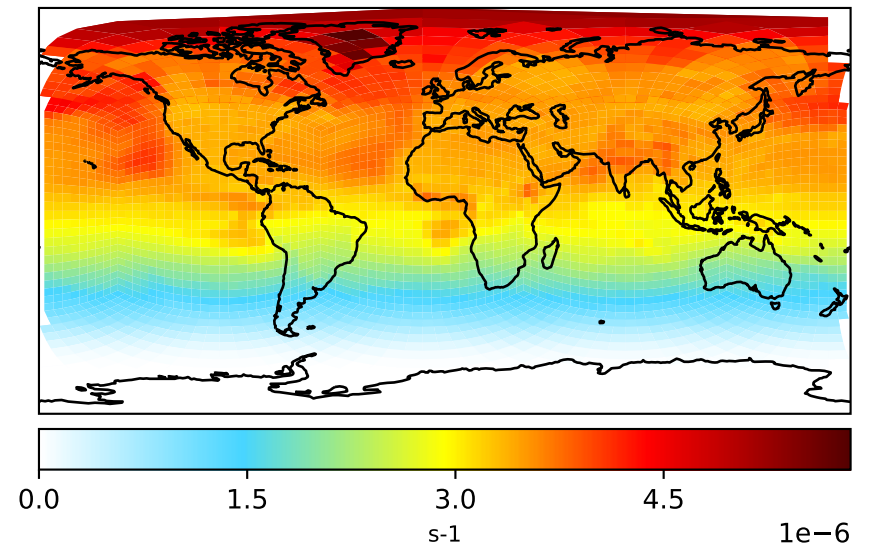


Jval_IDHPE

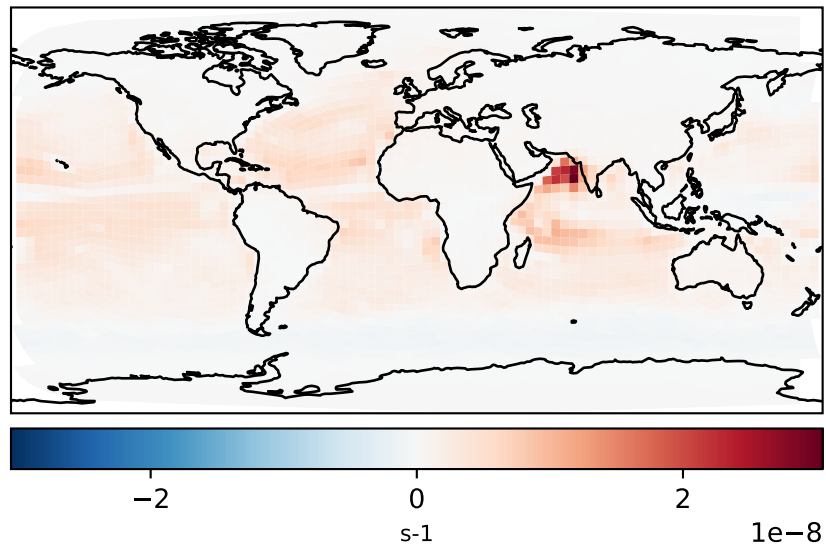
Processed GEOS-FP input, 3-hr winds (Ref)
c24



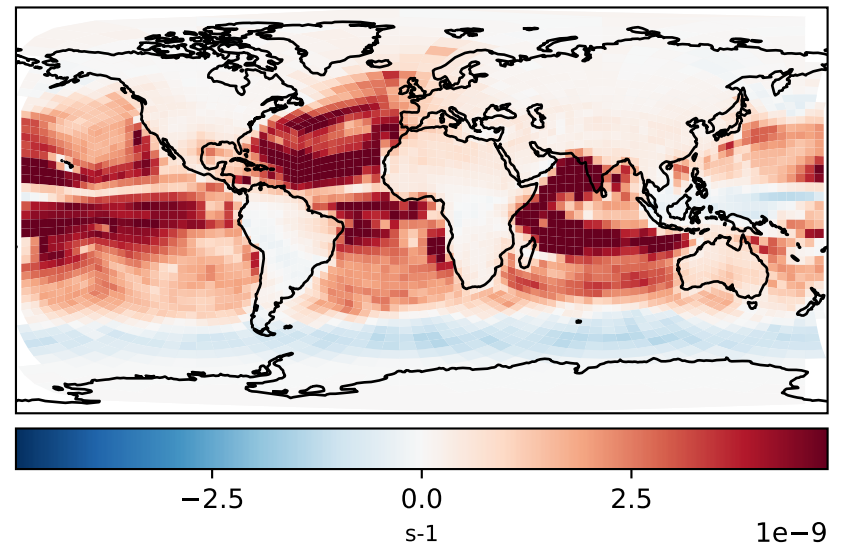
Raw GEOS-FP input, 3-hr winds (Dev)
c24



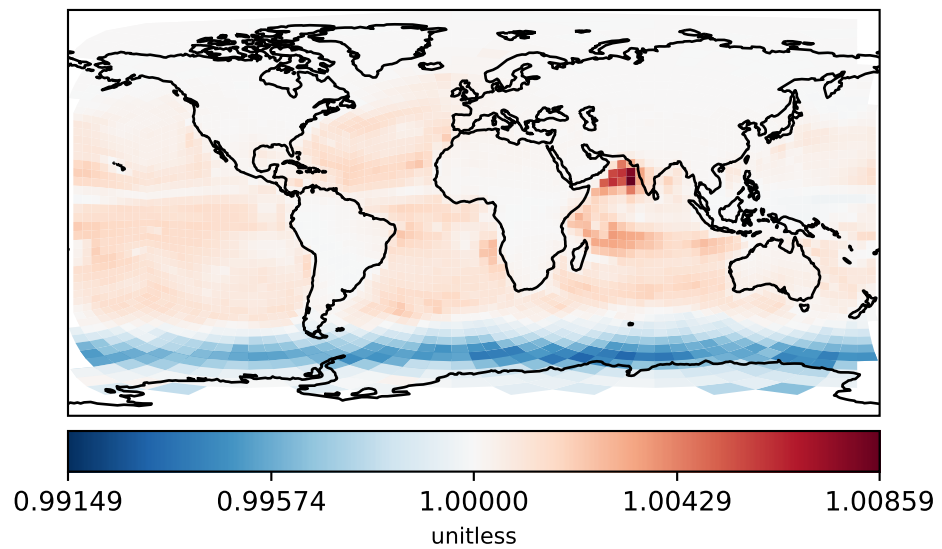
Difference
Dev - Ref, Dynamic Range



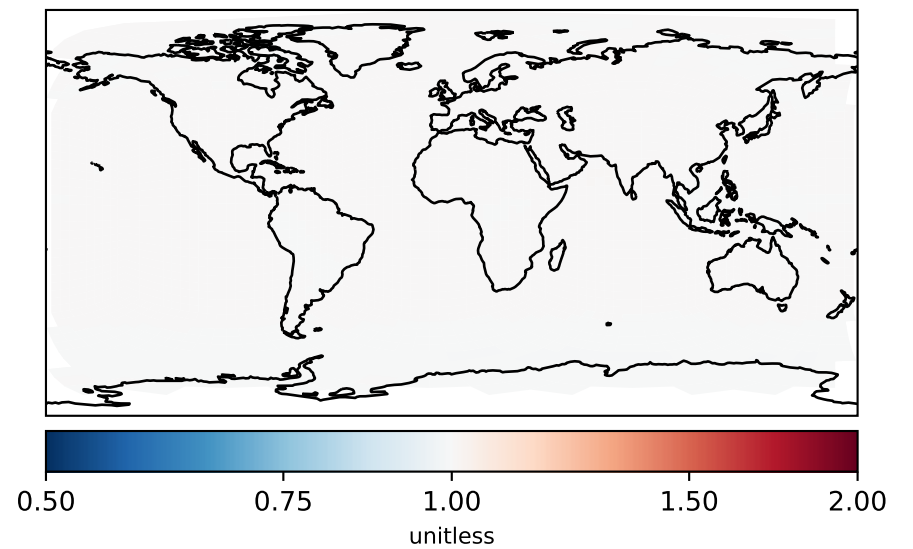
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

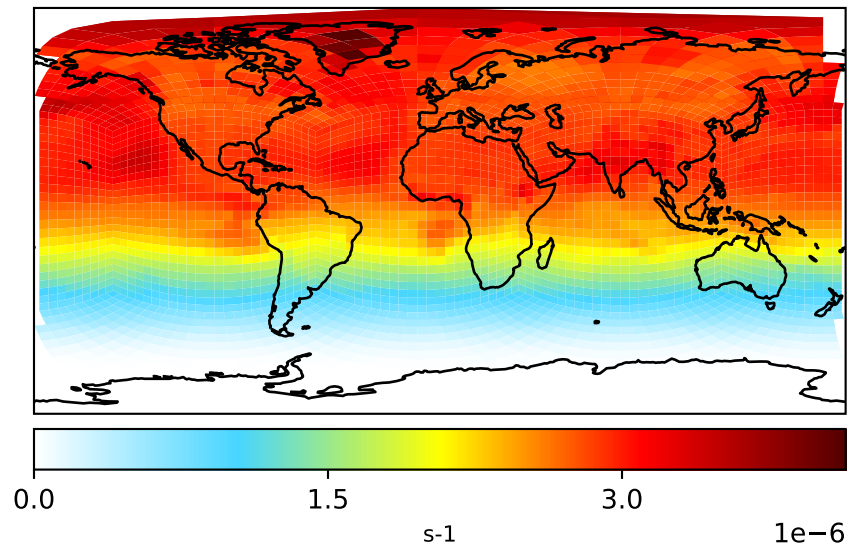


Ratio
Dev/Ref, Fixed Range

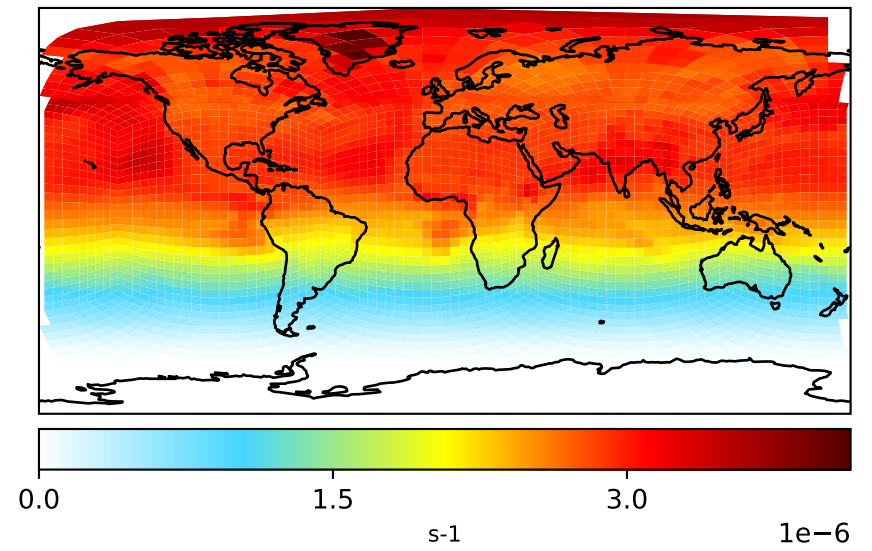


Jval_IDN

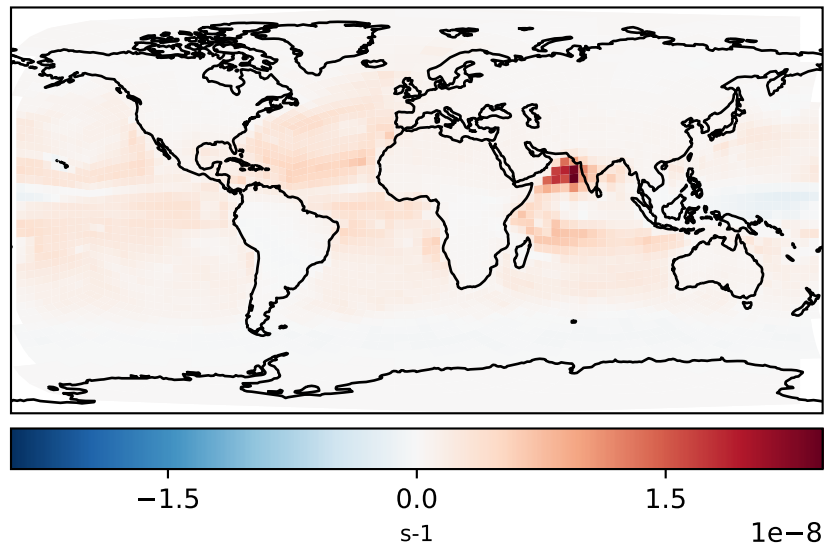
Processed GEOS-FP input, 3-hr winds (Ref)
c24



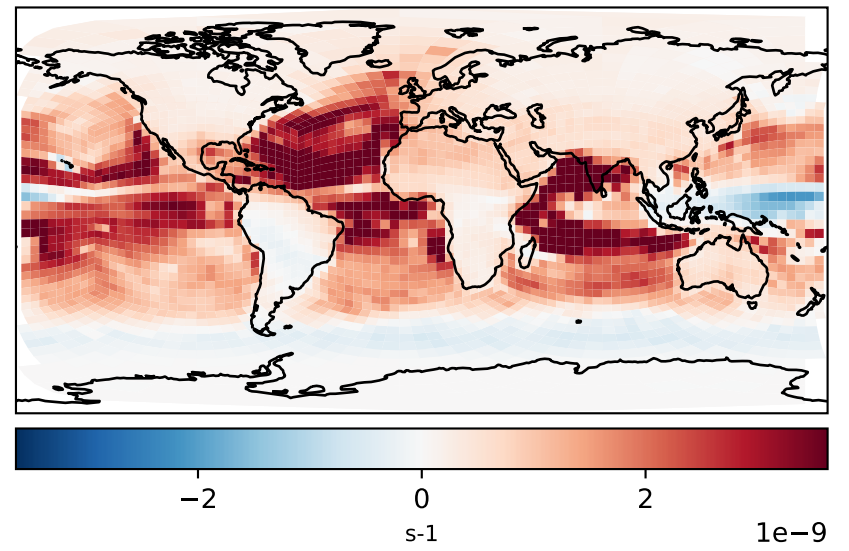
Raw GEOS-FP input, 3-hr winds (Dev)
c24



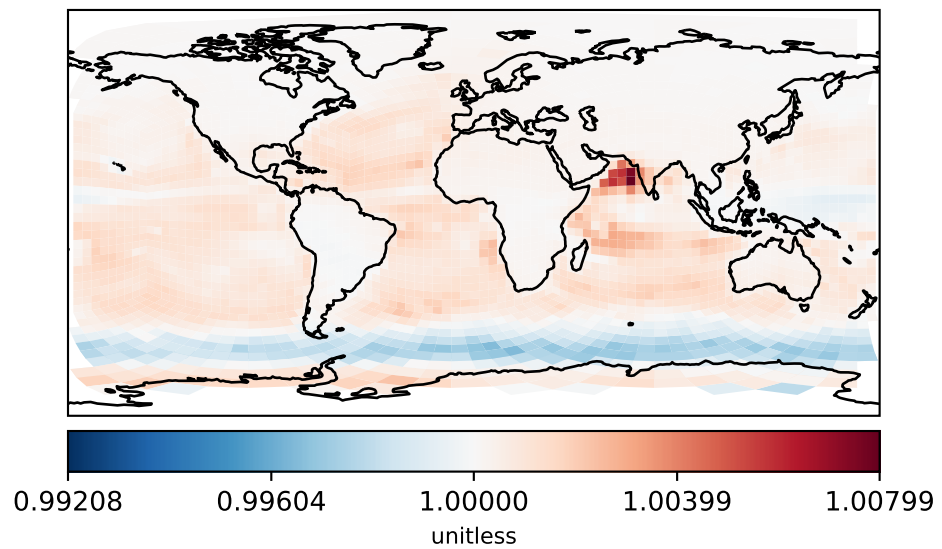
Difference
Dev - Ref, Dynamic Range



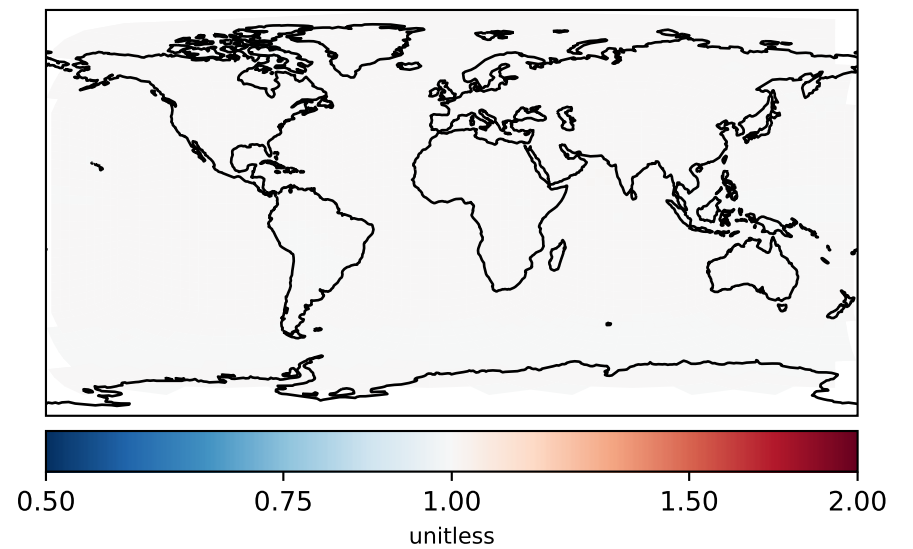
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

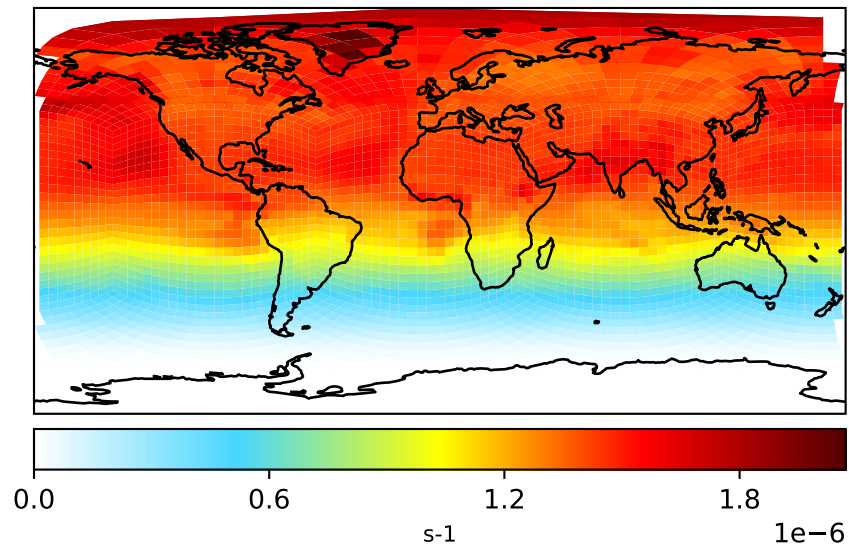


Ratio
Dev/Ref, Fixed Range

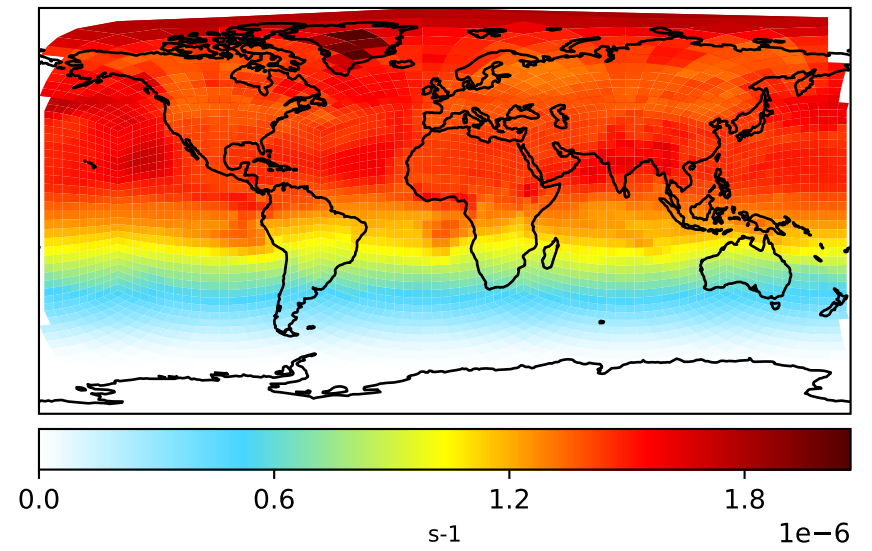


Jval_IHN1

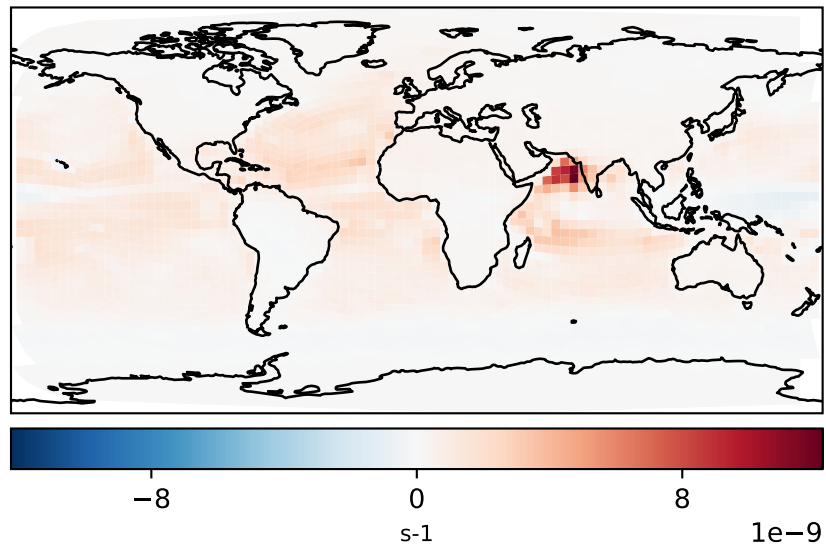
Processed GEOS-FP input, 3-hr winds (Ref)
c24



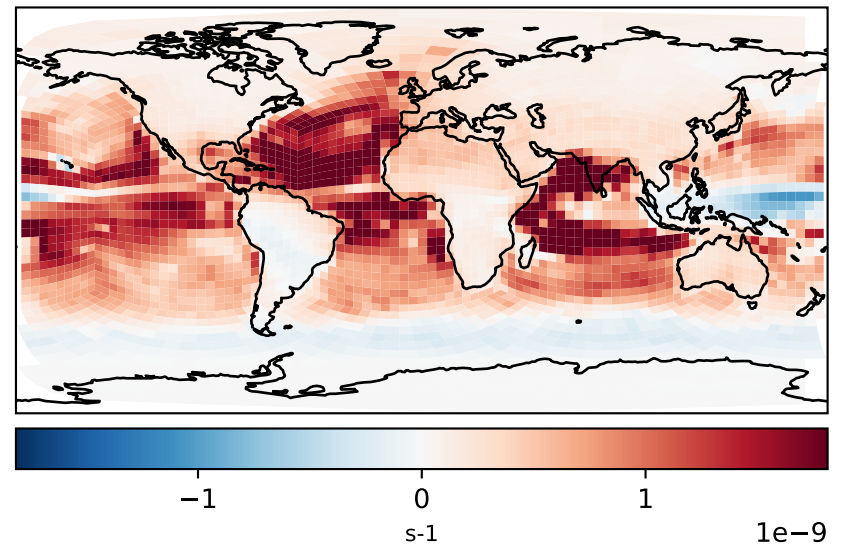
Raw GEOS-FP input, 3-hr winds (Dev)
c24



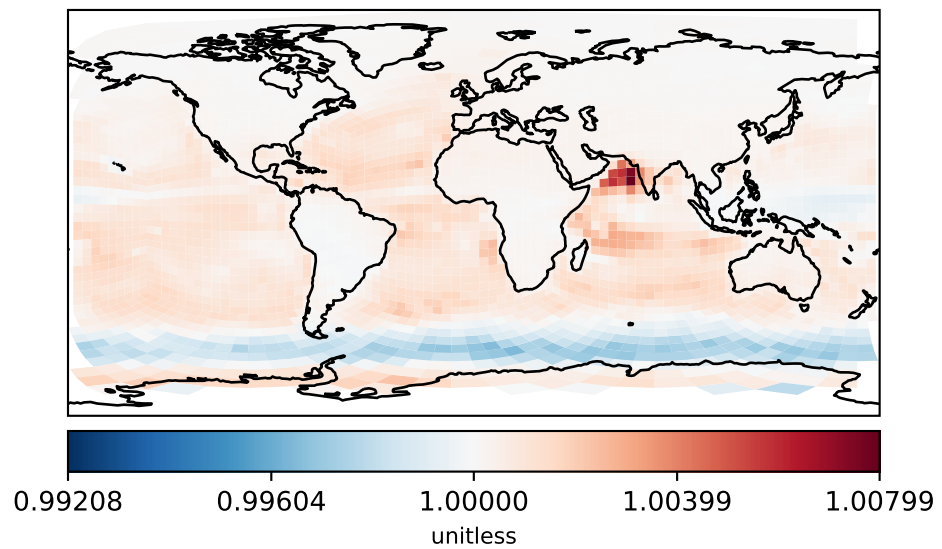
Difference
Dev - Ref, Dynamic Range



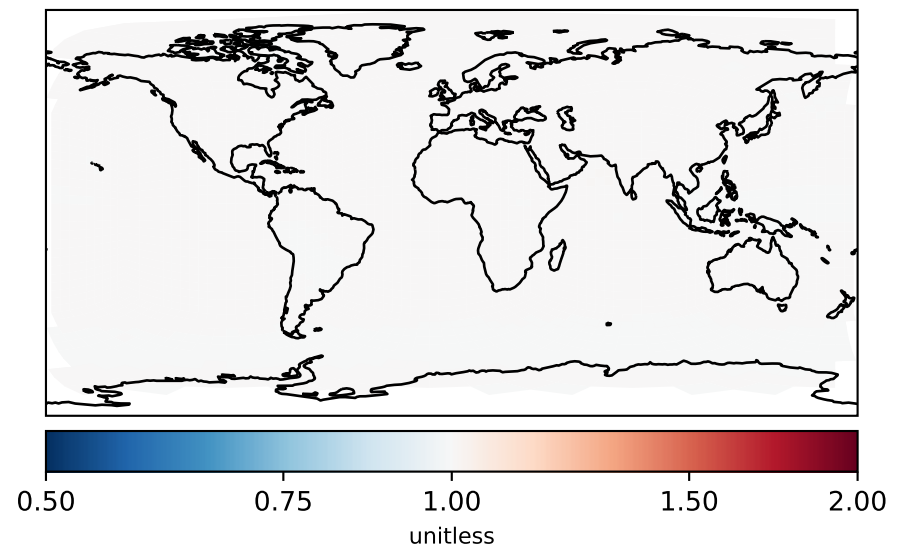
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

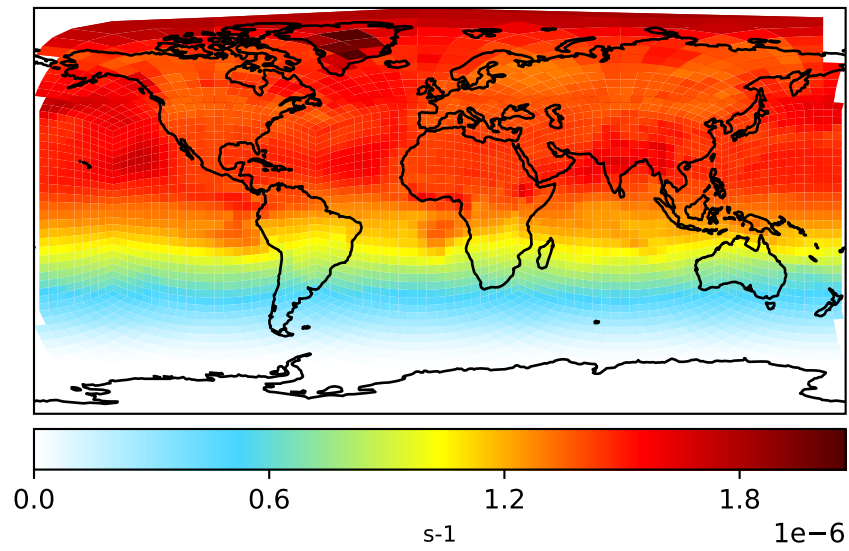


Ratio
Dev/Ref, Fixed Range

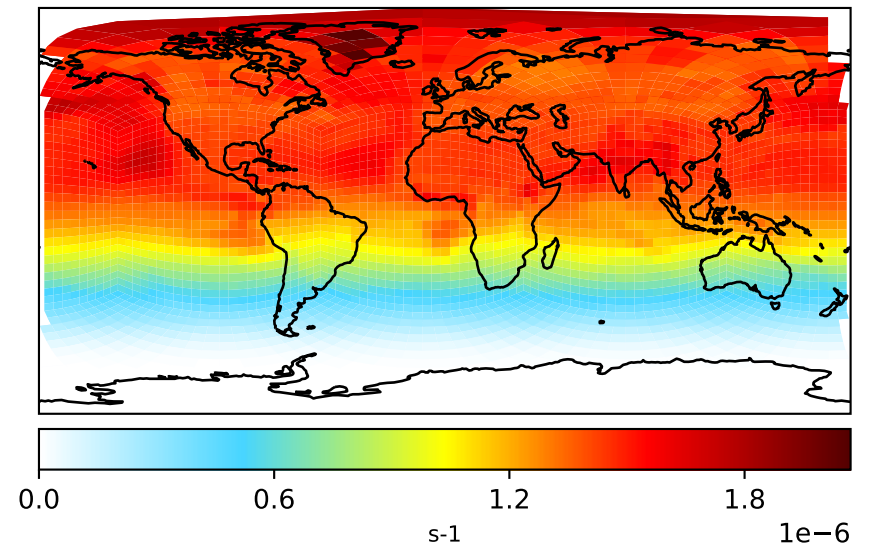


Jval_IHN2

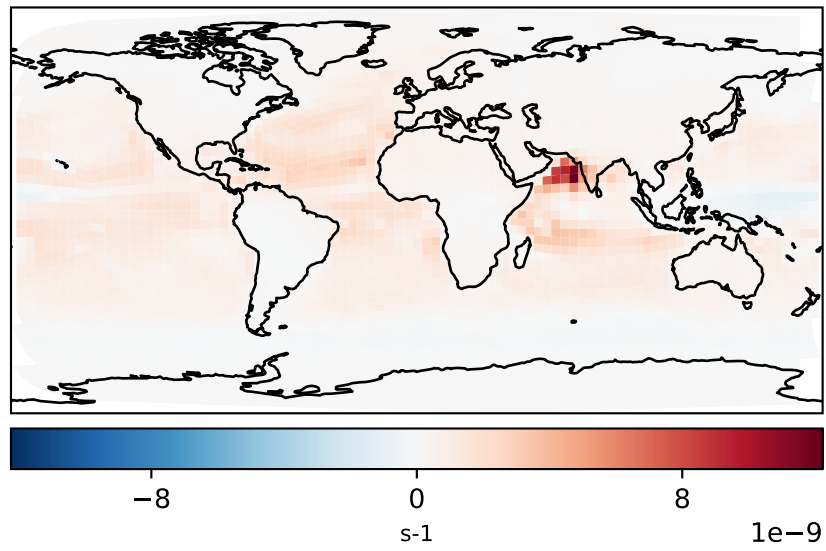
Processed GEOS-FP input, 3-hr winds (Ref)
c24



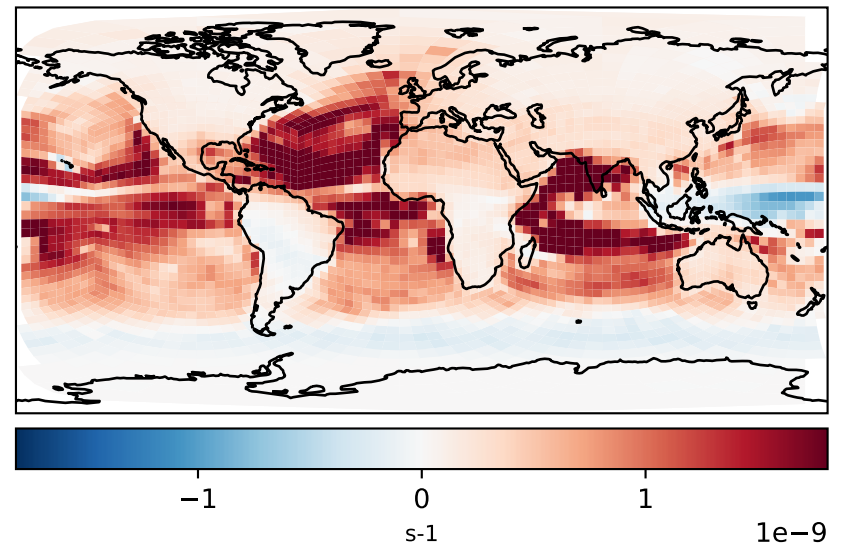
Raw GEOS-FP input, 3-hr winds (Dev)
c24



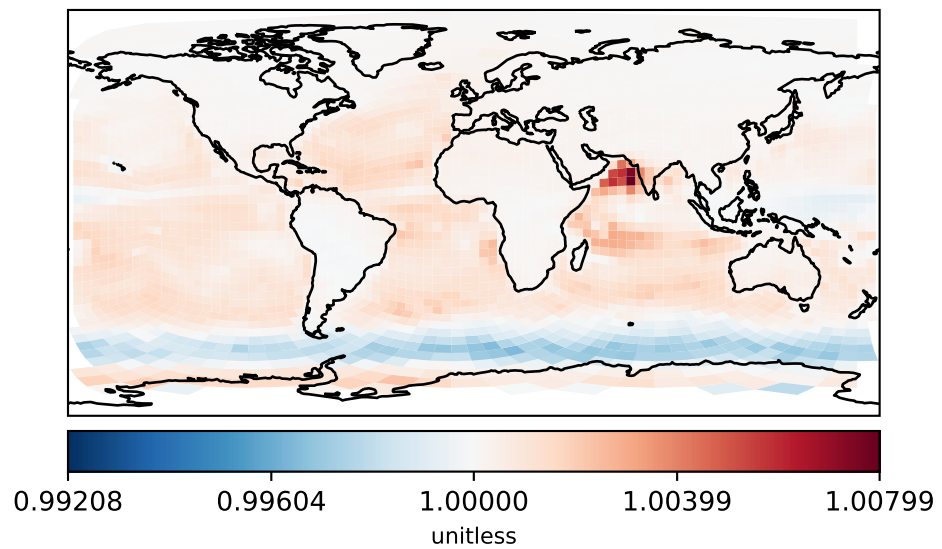
Difference
Dev - Ref, Dynamic Range



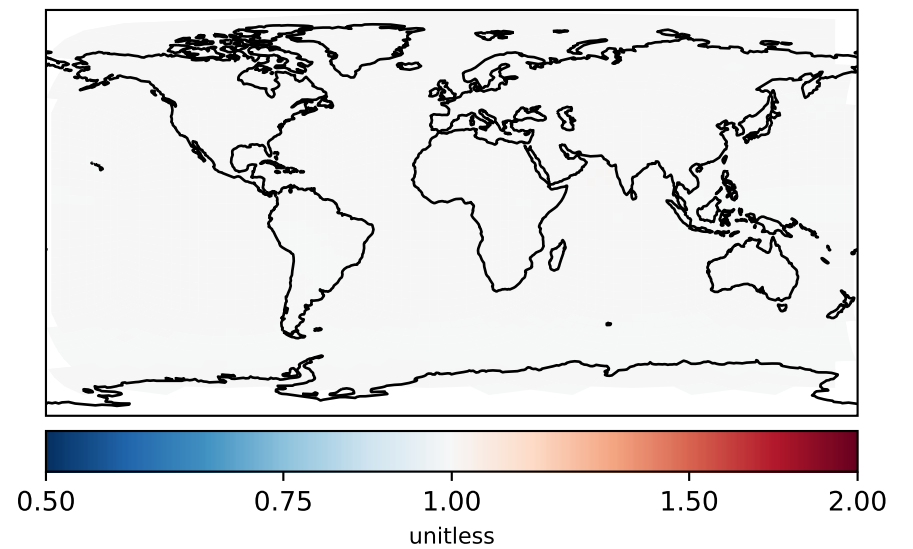
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

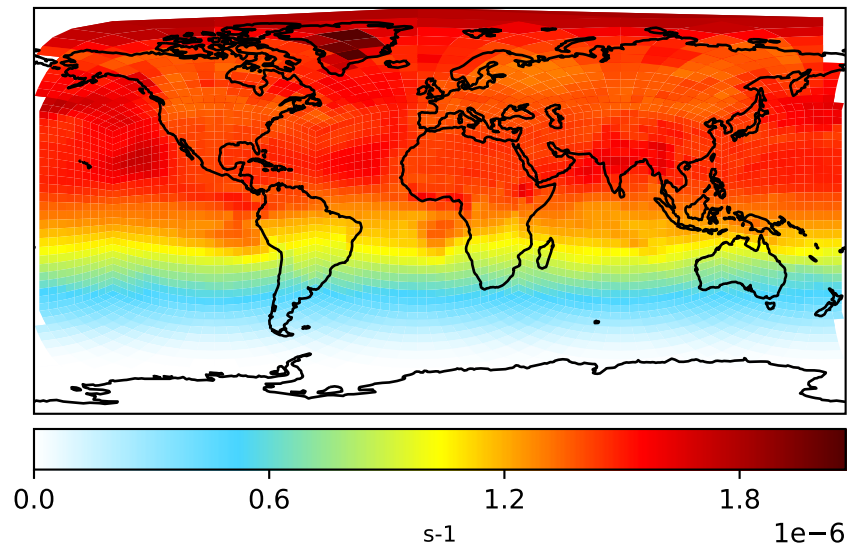


Ratio
Dev/Ref, Fixed Range

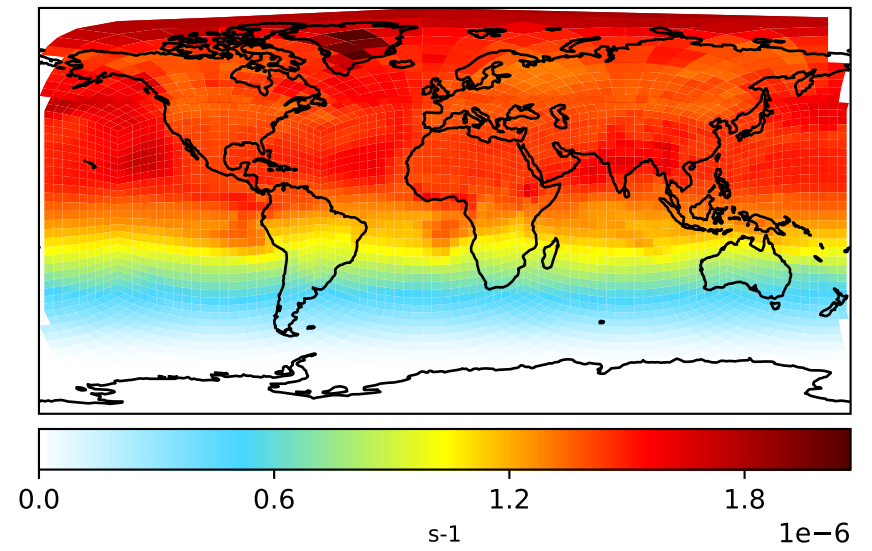


Jval_IHN3

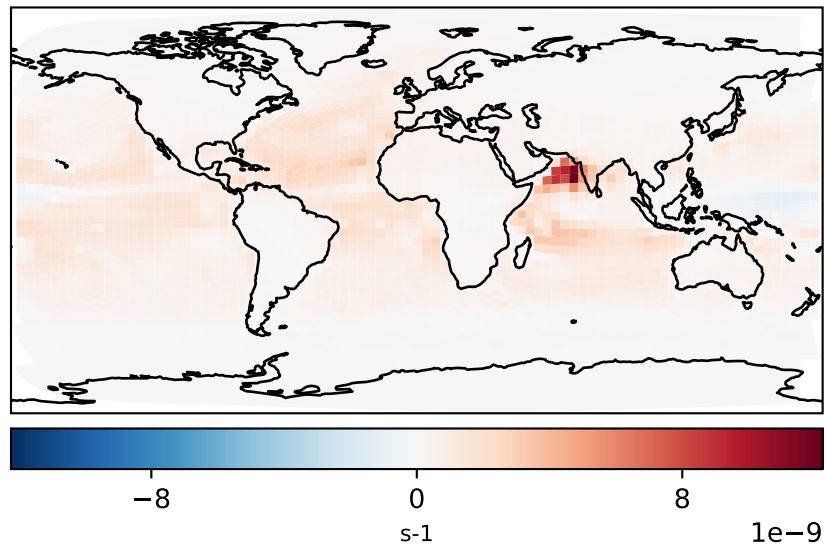
Processed GEOS-FP input, 3-hr winds (Ref)
c24



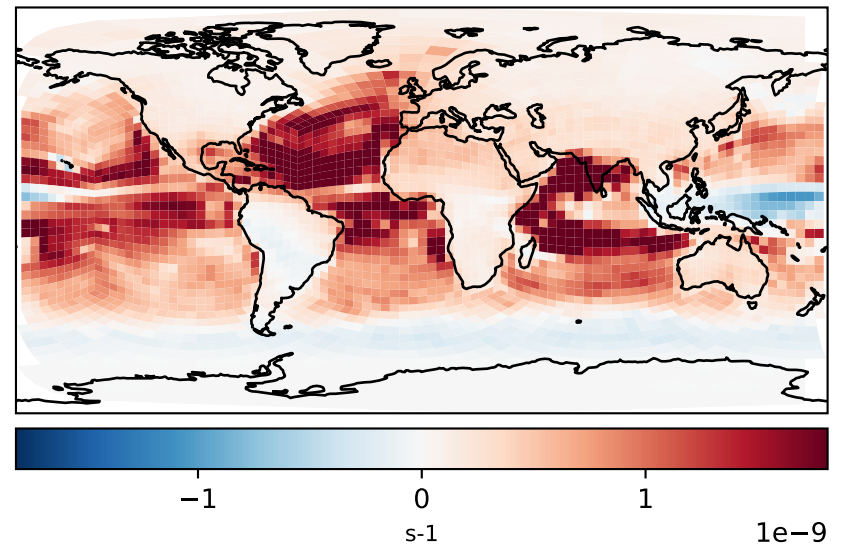
Raw GEOS-FP input, 3-hr winds (Dev)
c24



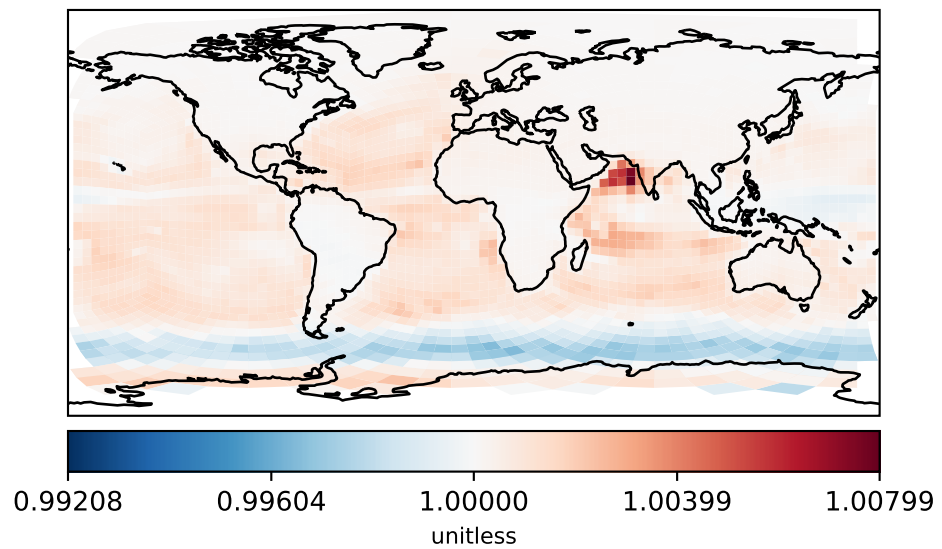
Difference
Dev - Ref, Dynamic Range



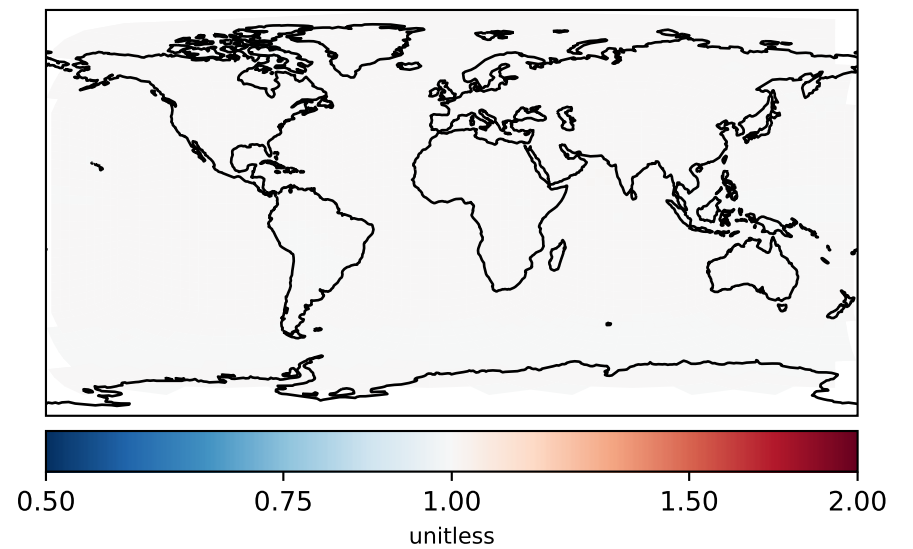
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

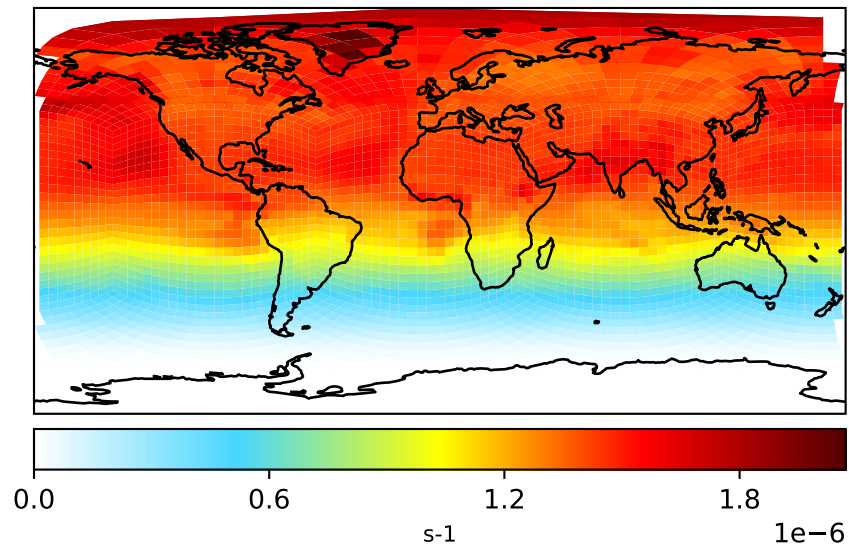


Ratio
Dev/Ref, Fixed Range

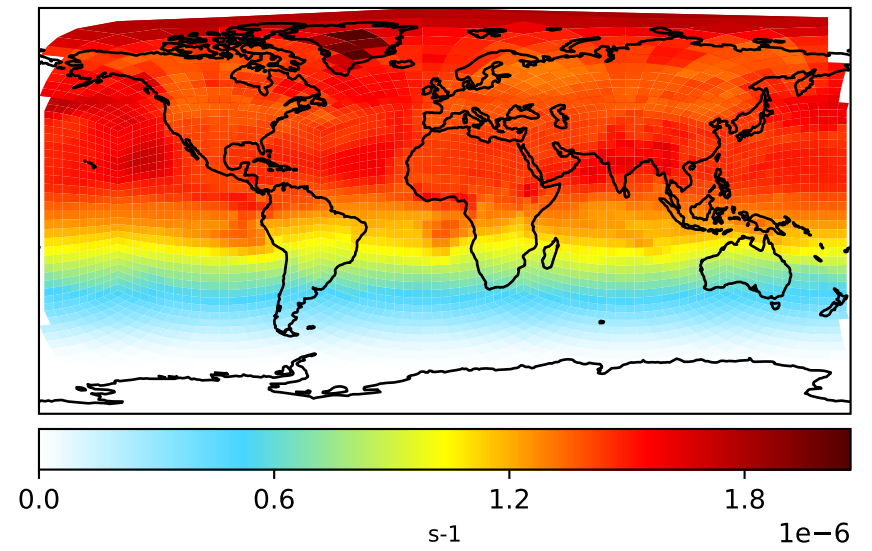


Jval_IHN4

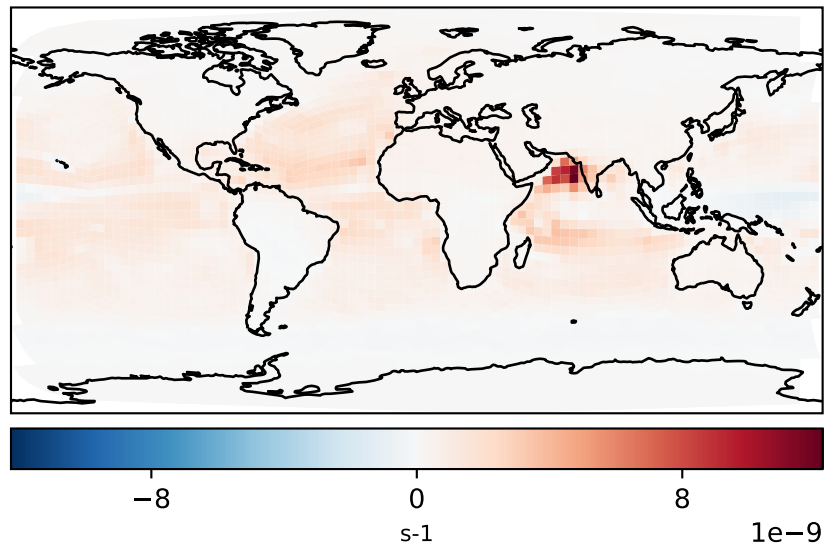
Processed GEOS-FP input, 3-hr winds (Ref)
c24



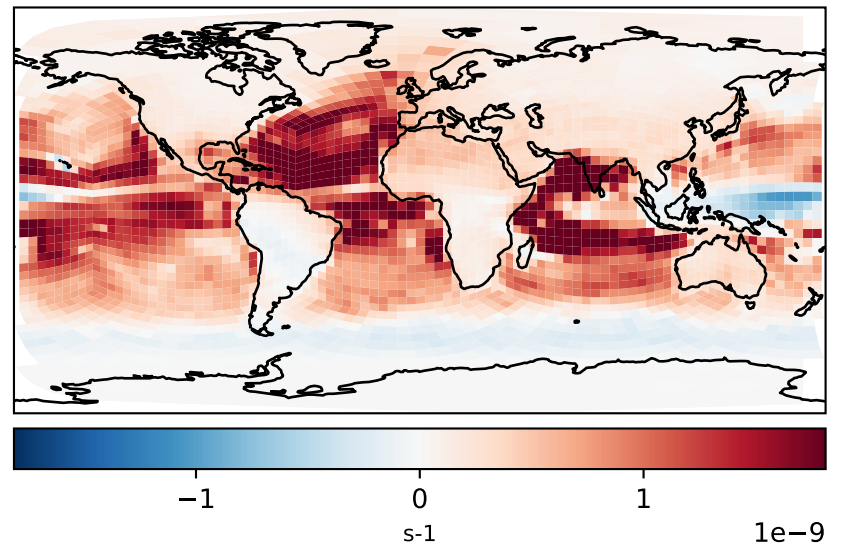
Raw GEOS-FP input, 3-hr winds (Dev)
c24



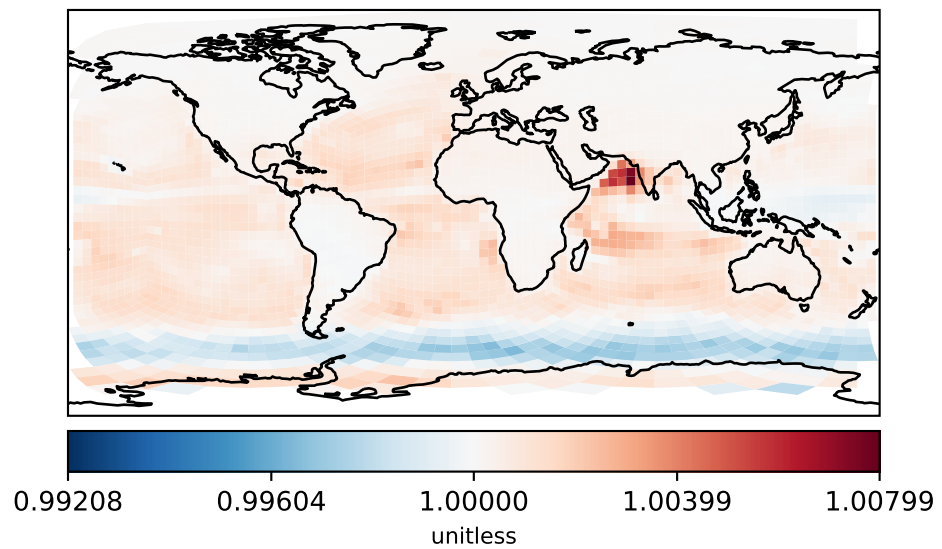
Difference
Dev - Ref, Dynamic Range



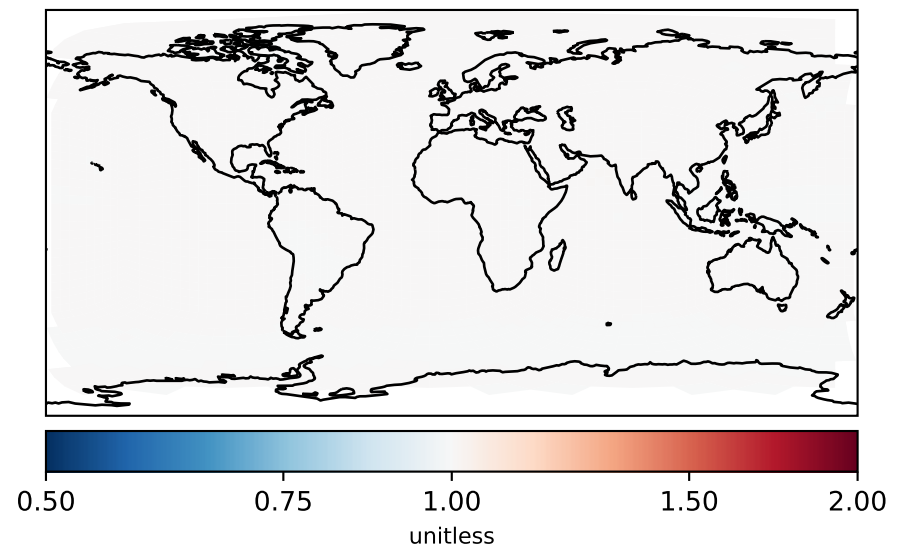
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

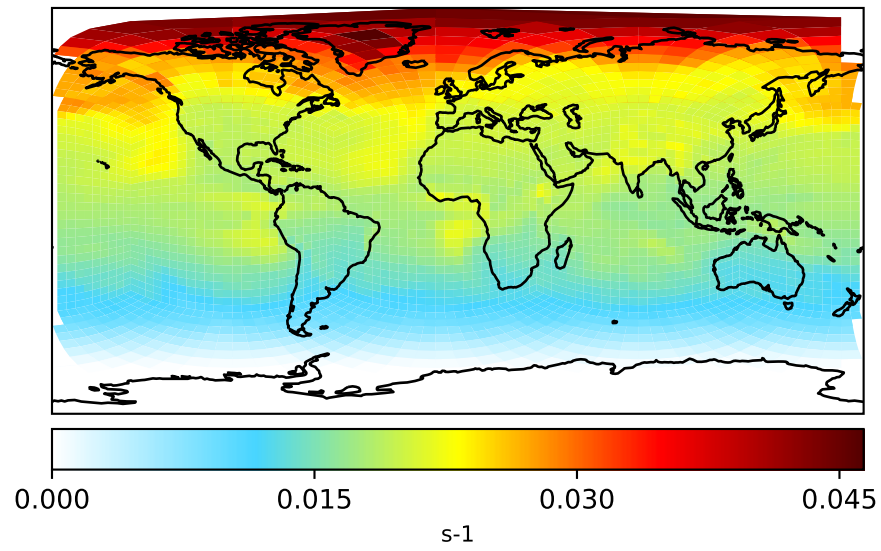


Ratio
Dev/Ref, Fixed Range

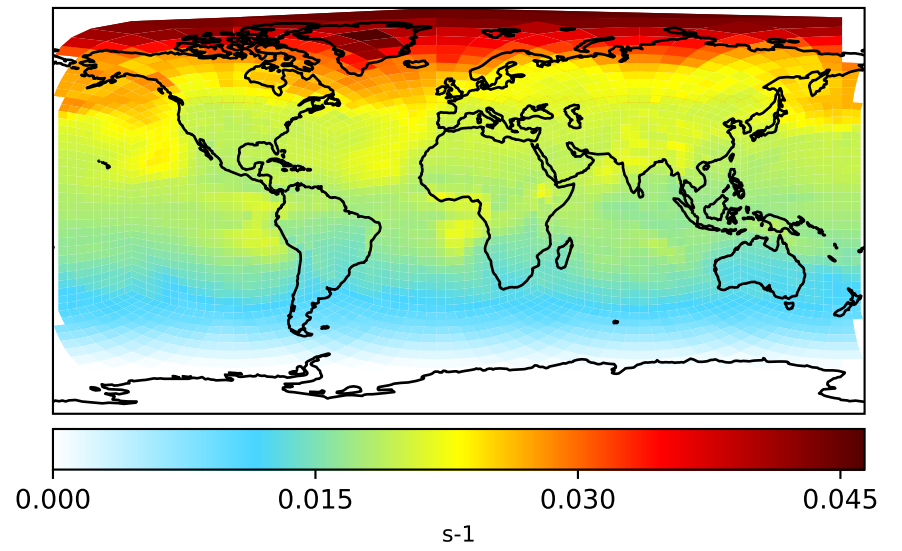


Jval_INO

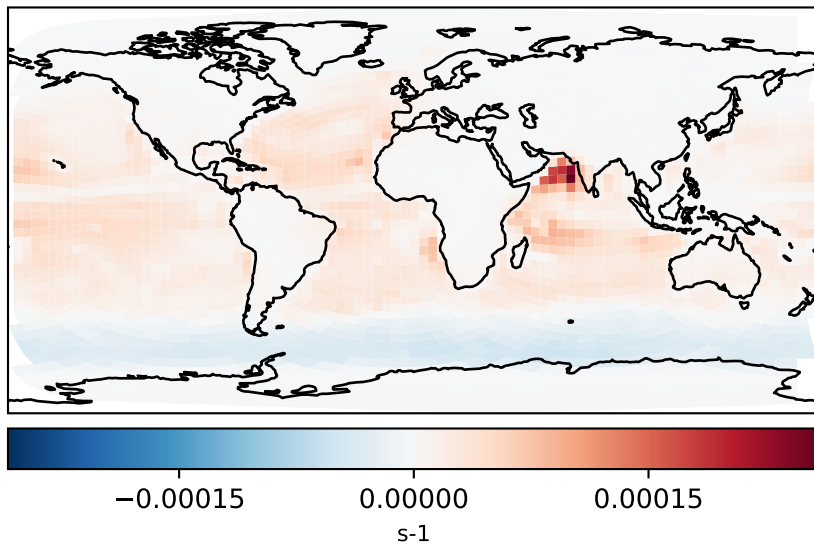
Processed GEOS-FP input, 3-hr winds (Ref)
c24



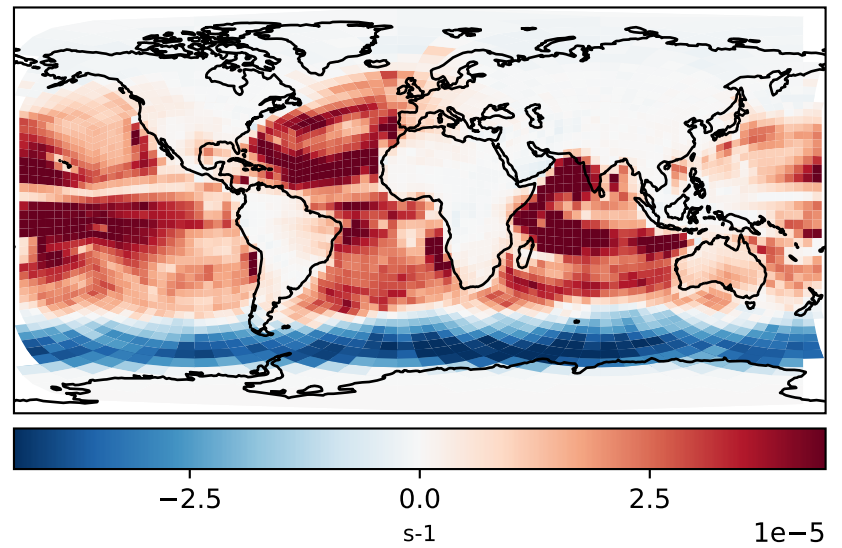
Raw GEOS-FP input, 3-hr winds (Dev)
c24



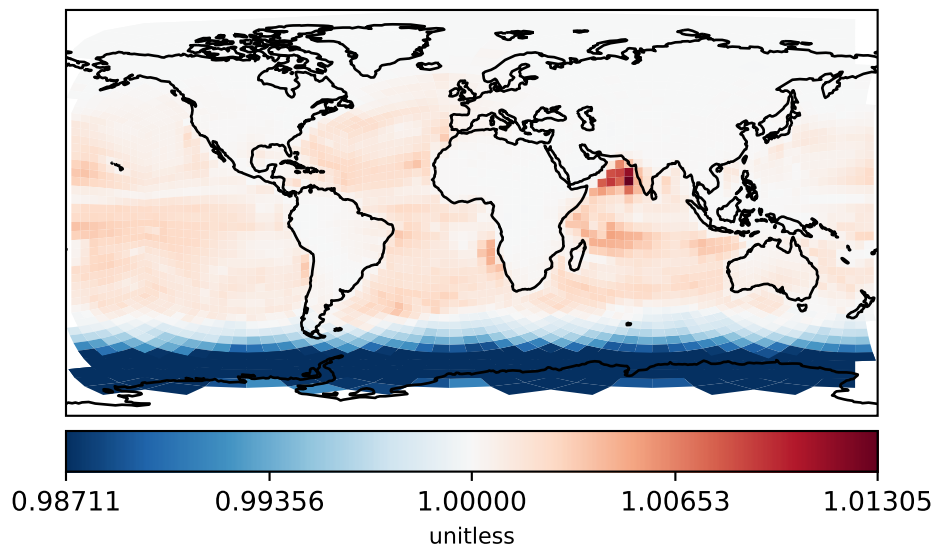
Difference
Dev - Ref, Dynamic Range



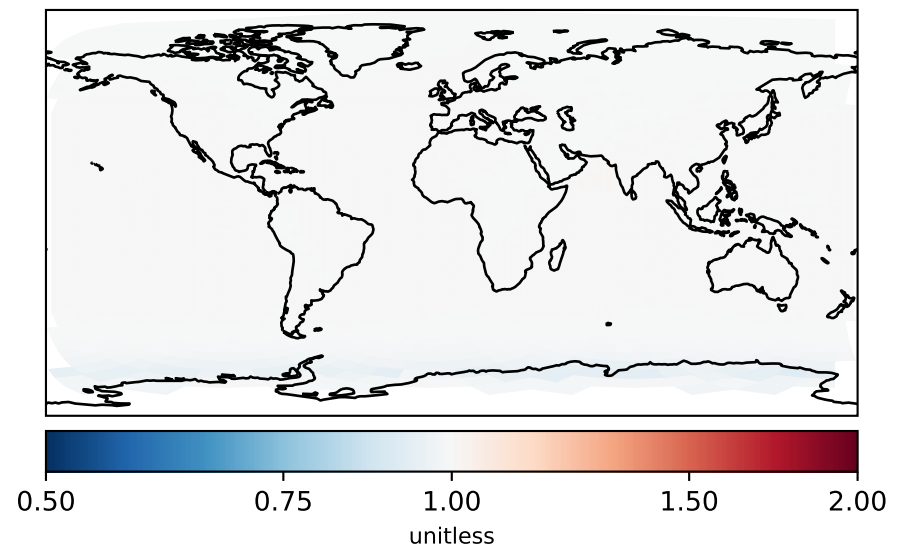
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

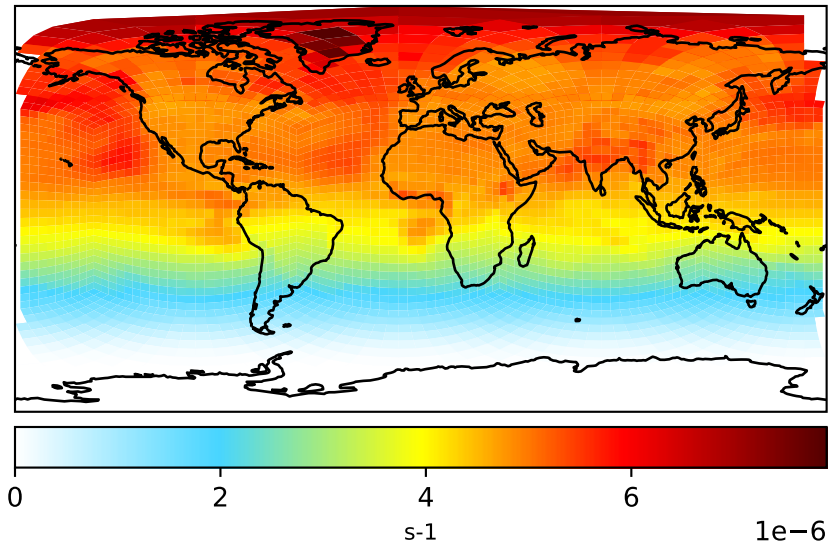


Ratio
Dev/Ref, Fixed Range

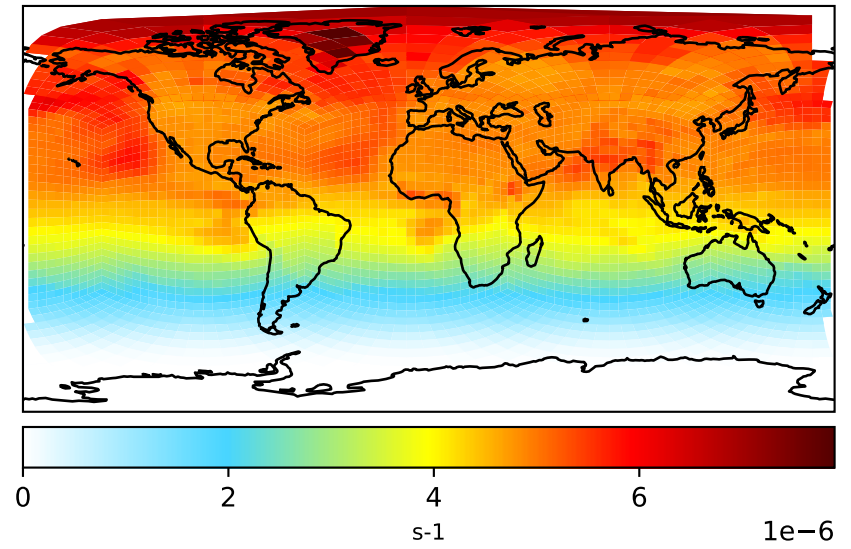


Jval_INPB

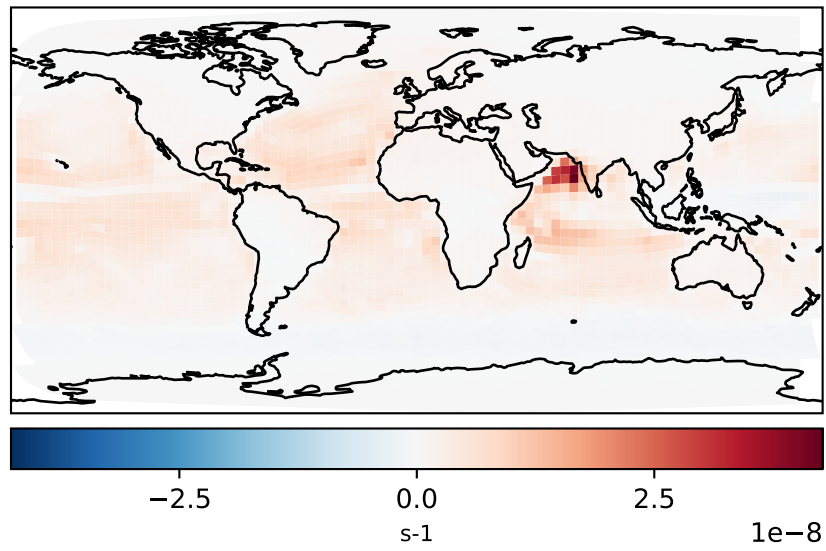
Processed GEOS-FP input, 3-hr winds (Ref)
c24



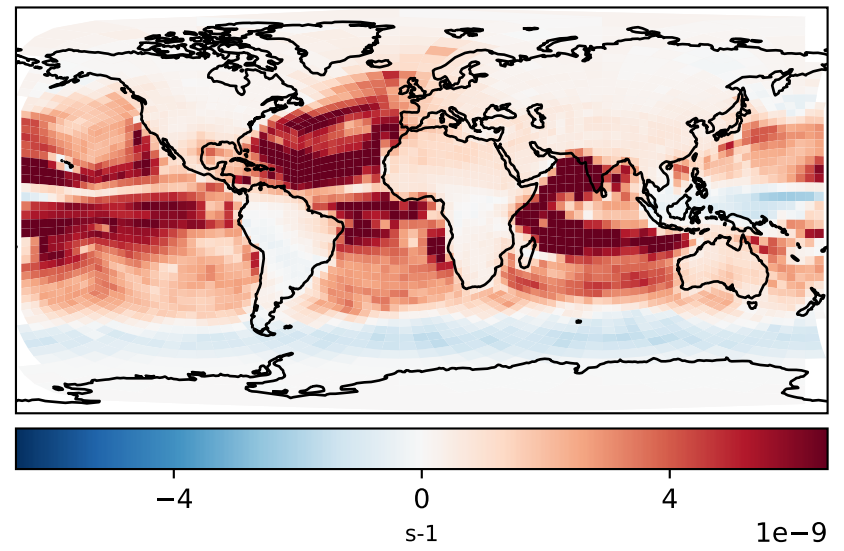
Raw GEOS-FP input, 3-hr winds (Dev)
c24



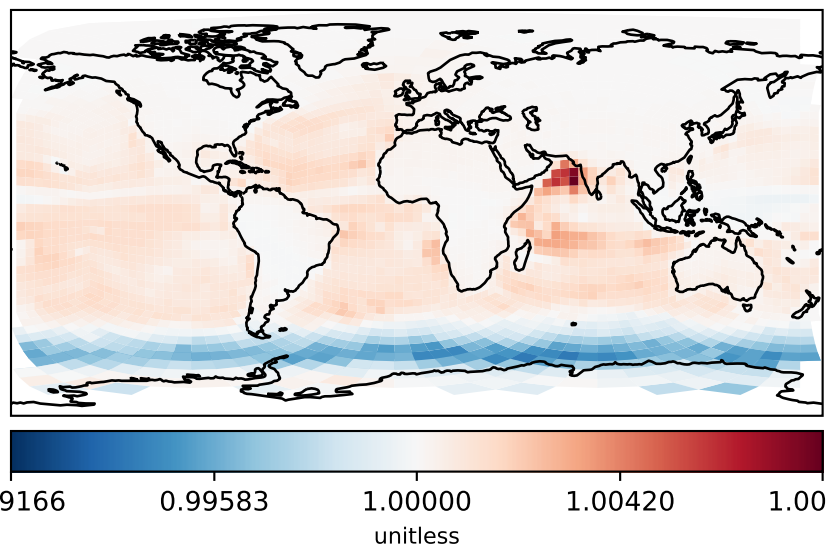
Difference
Dev - Ref, Dynamic Range



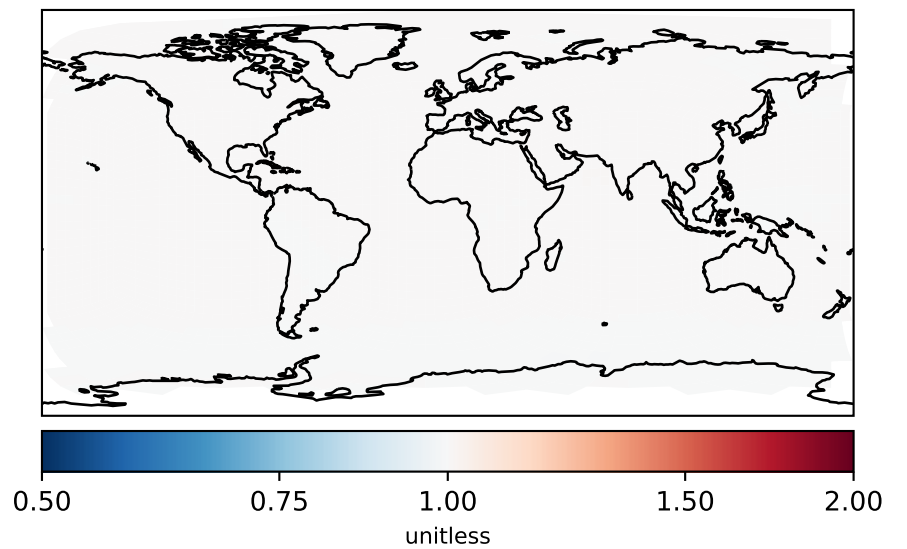
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

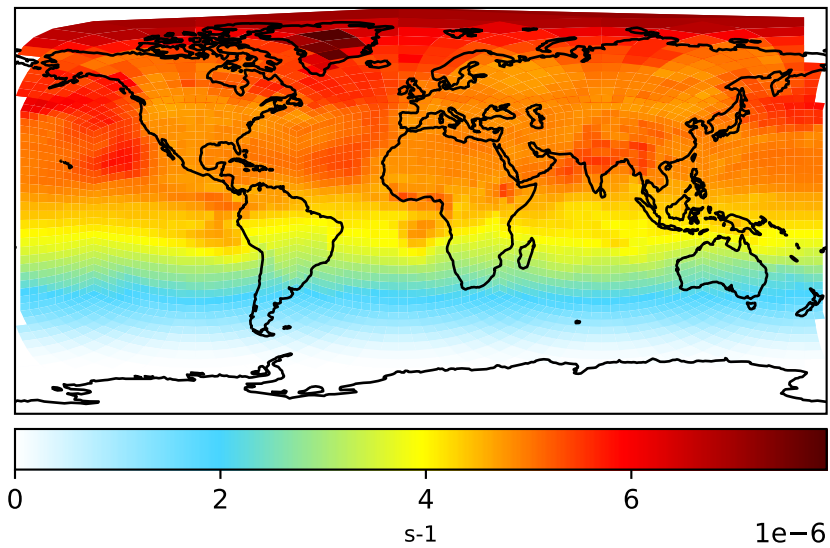


Ratio
Dev/Ref, Fixed Range

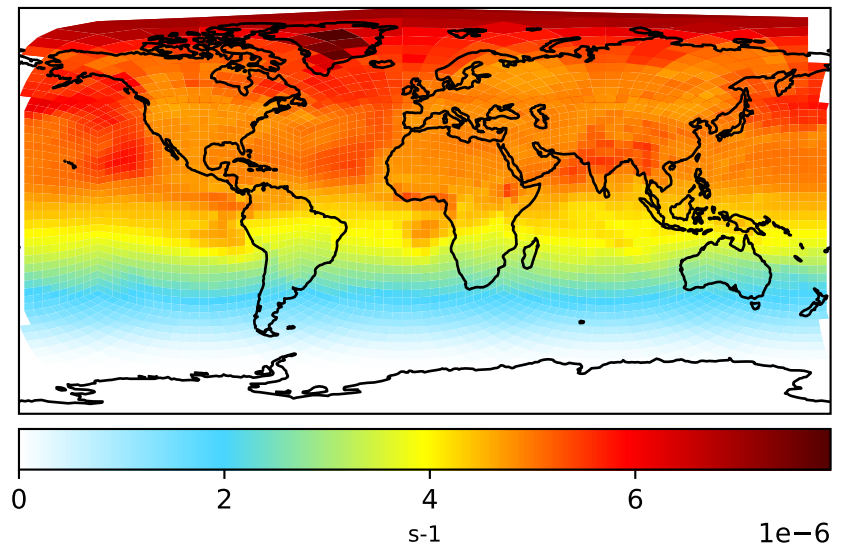


Jval_INPD

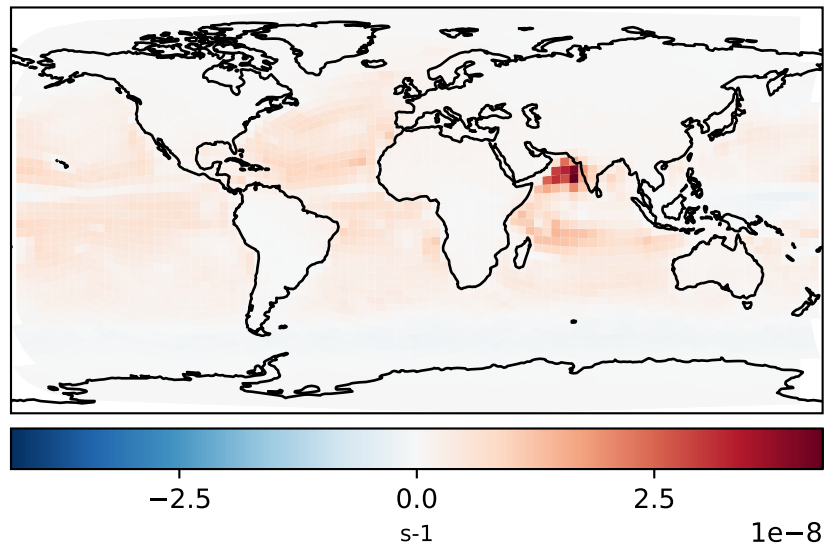
Processed GEOS-FP input, 3-hr winds (Ref)
c24



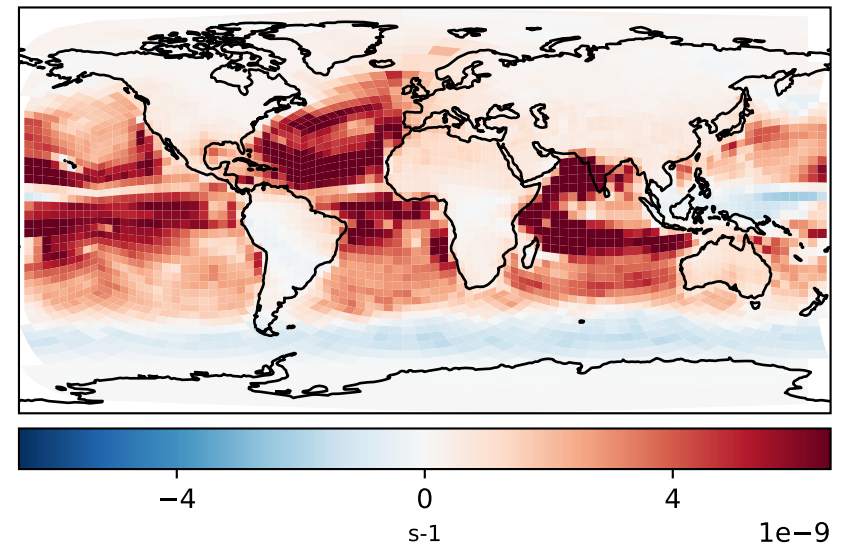
Raw GEOS-FP input, 3-hr winds (Dev)
c24



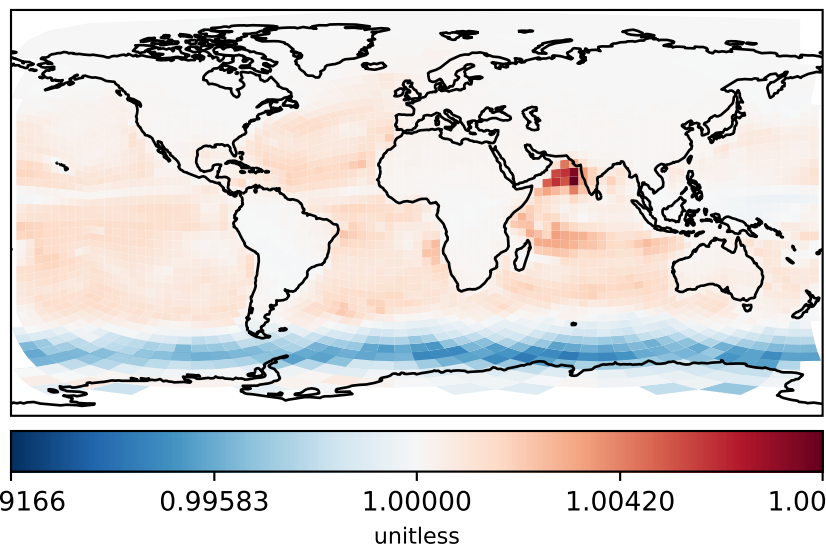
Difference
Dev - Ref, Dynamic Range



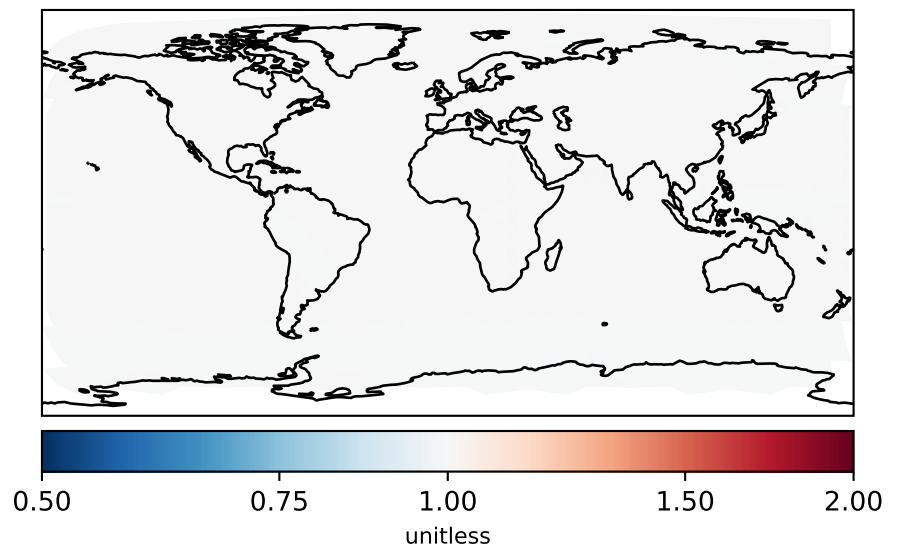
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

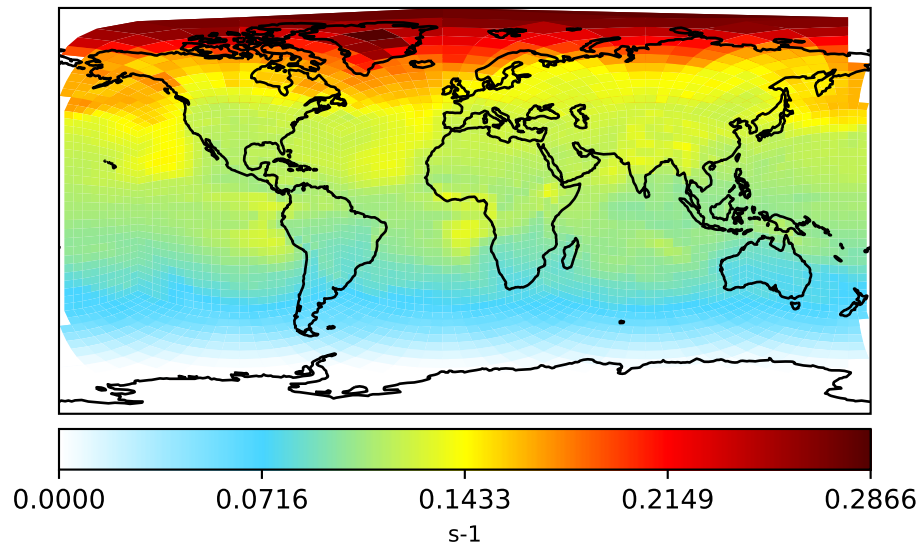


Ratio
Dev/Ref, Fixed Range

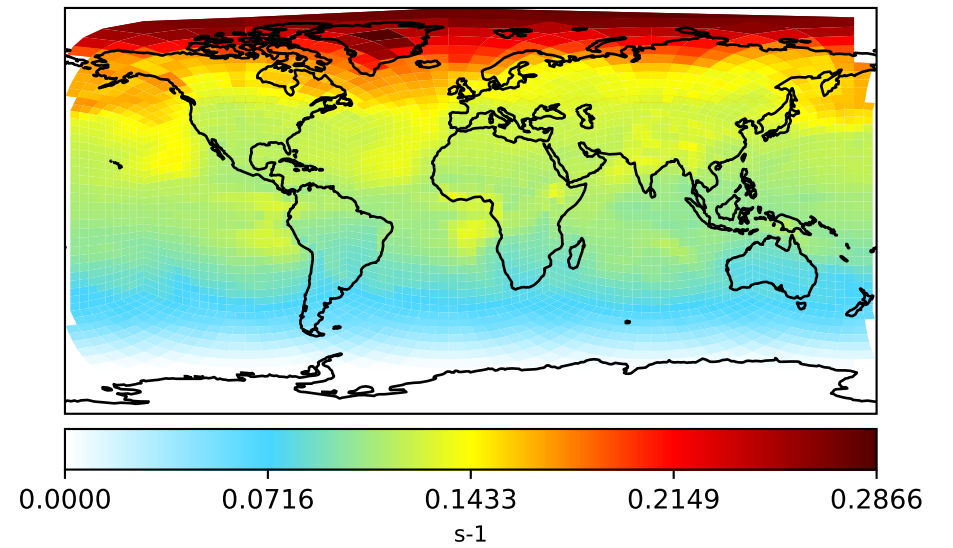


Jval_IO

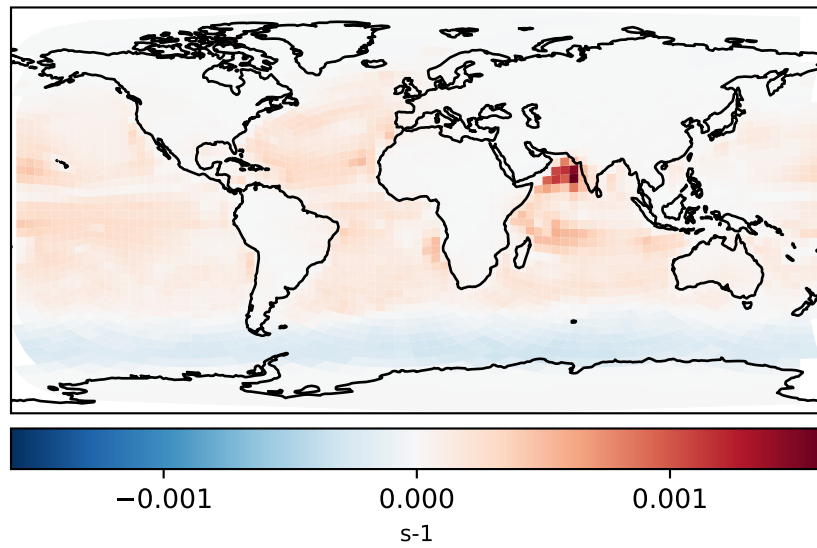
Processed GEOS-FP input, 3-hr winds (Ref)
c24



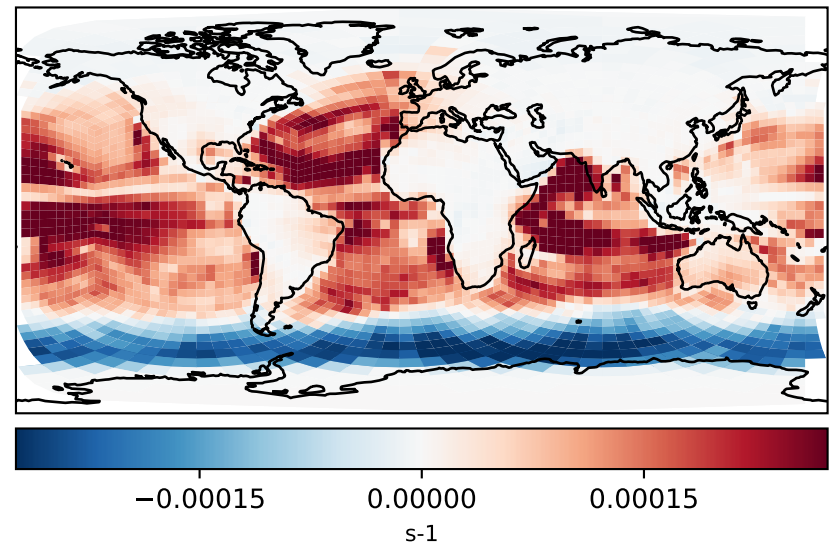
Raw GEOS-FP input, 3-hr winds (Dev)
c24



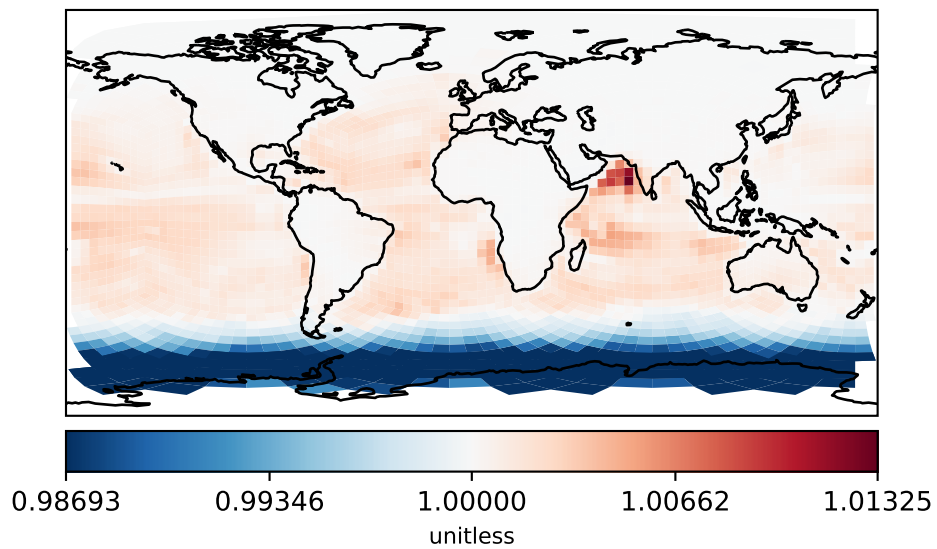
Difference
Dev - Ref, Dynamic Range



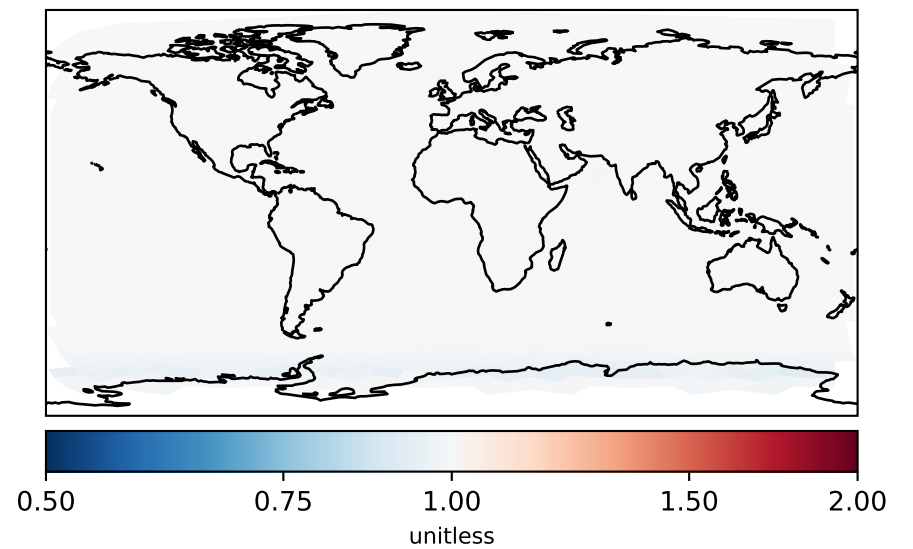
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

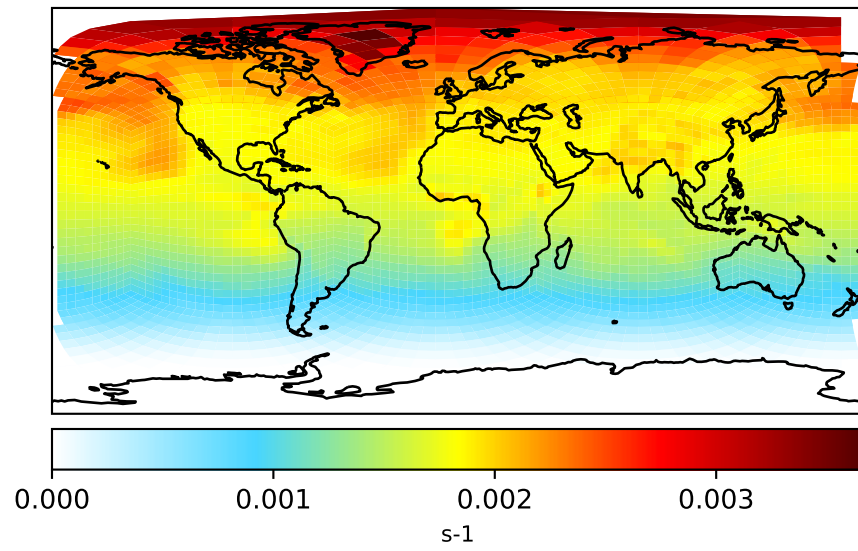


Ratio
Dev/Ref, Fixed Range

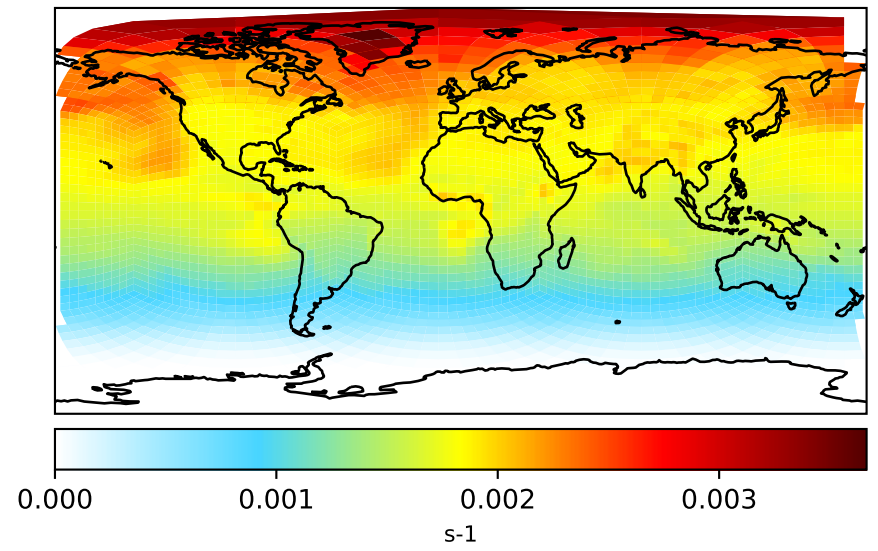


Jval_IONO

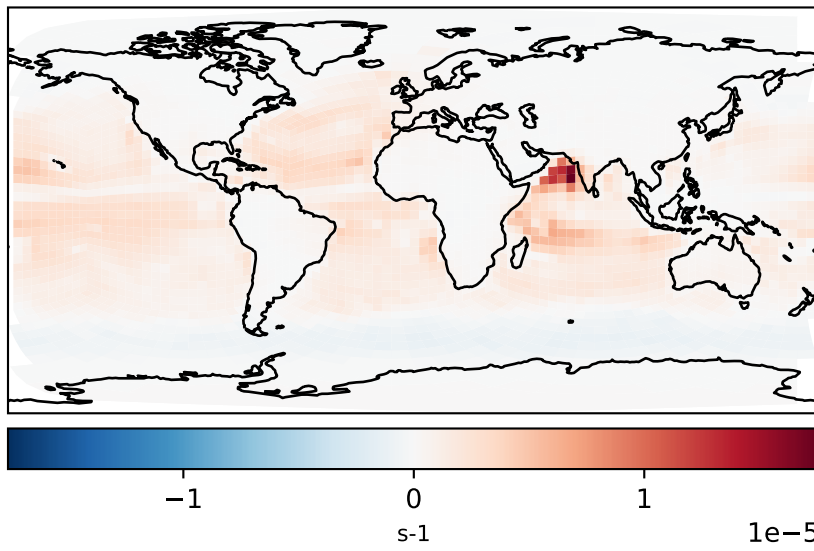
Processed GEOS-FP input, 3-hr winds (Ref)
c24



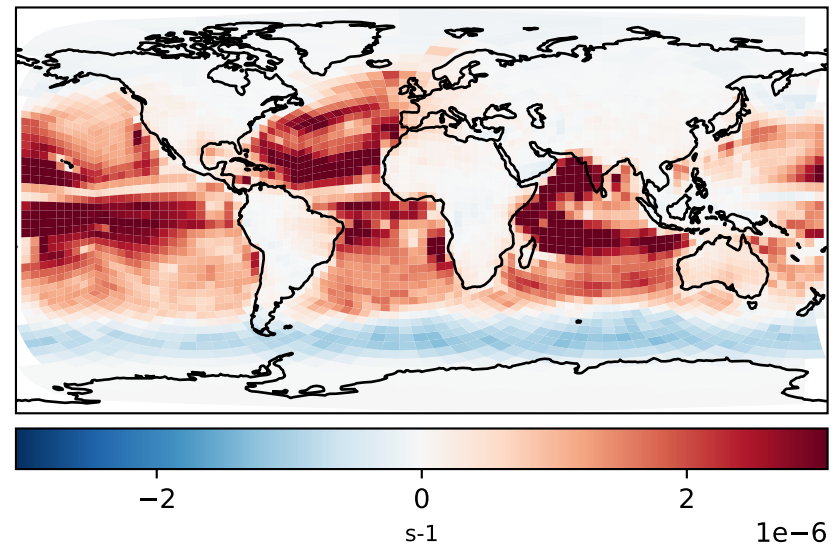
Raw GEOS-FP input, 3-hr winds (Dev)
c24



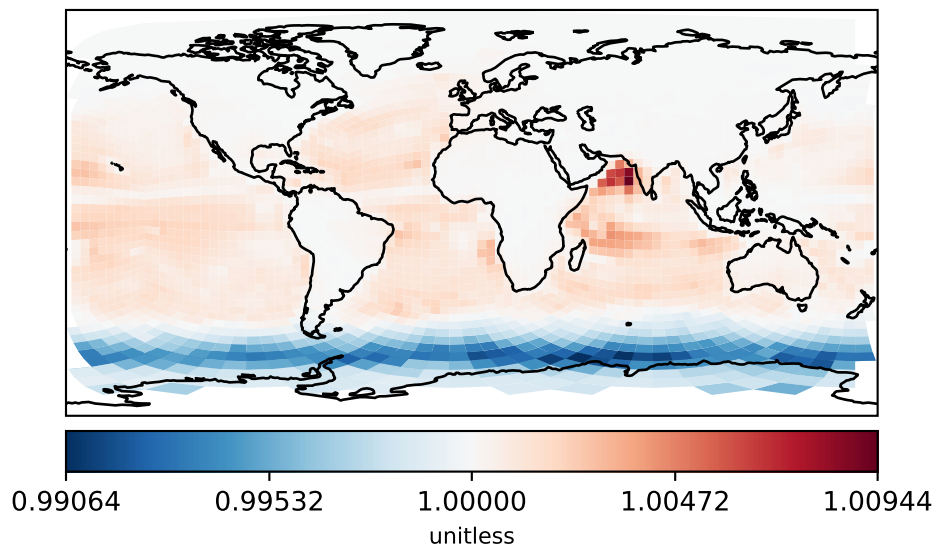
Difference
Dev - Ref, Dynamic Range



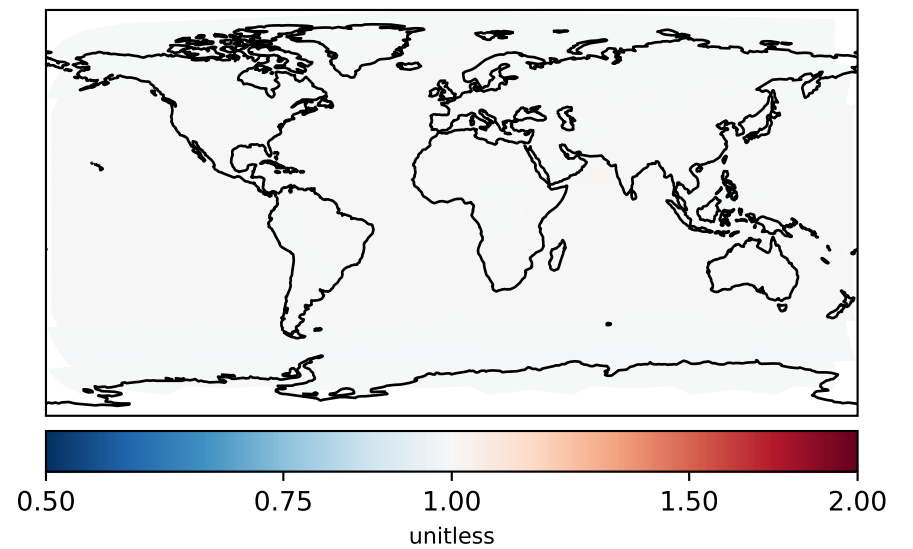
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

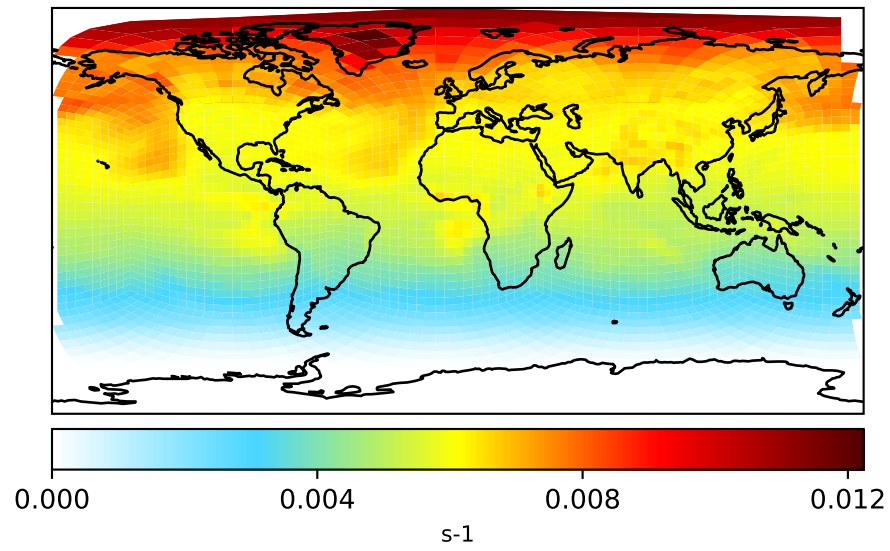


Ratio
Dev/Ref, Fixed Range

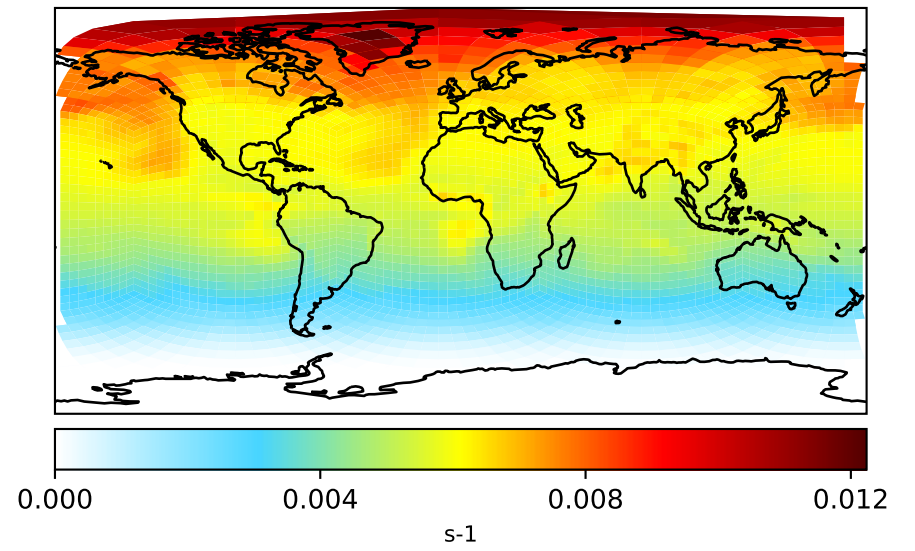


Jval_IONO2

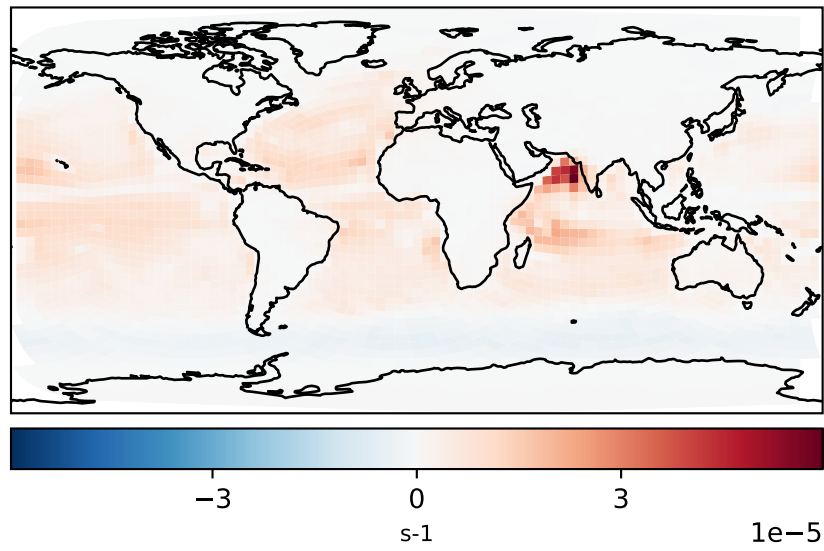
Processed GEOS-FP input, 3-hr winds (Ref)
c24



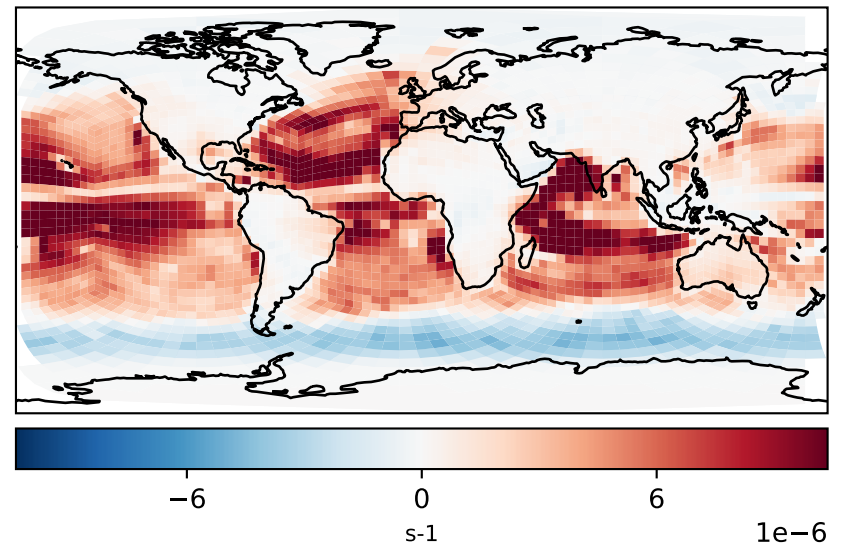
Raw GEOS-FP input, 3-hr winds (Dev)
c24



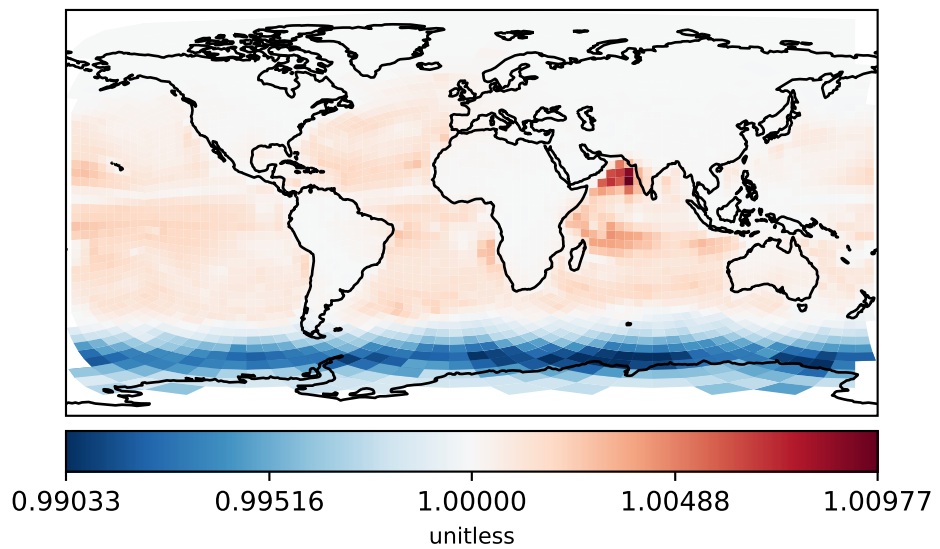
Difference
Dev - Ref, Dynamic Range



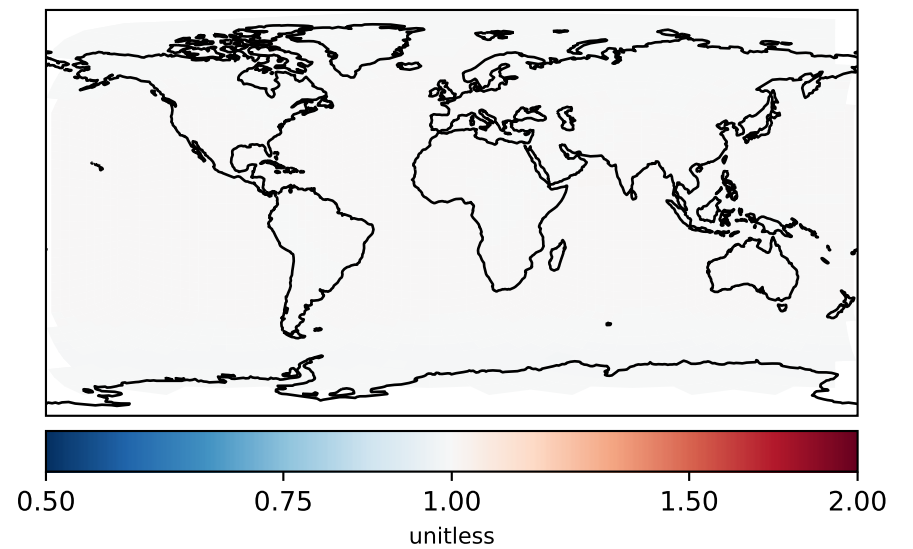
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

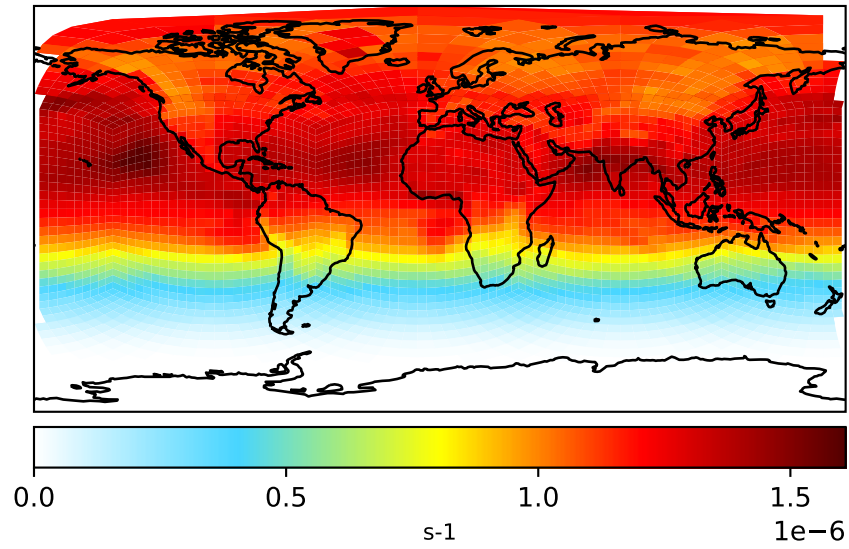


Ratio
Dev/Ref, Fixed Range

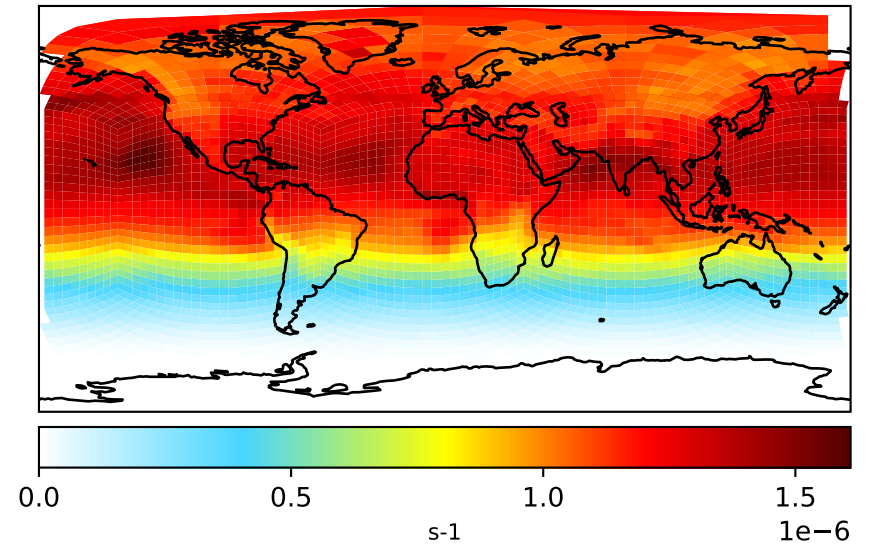


Jval_IPRNO3

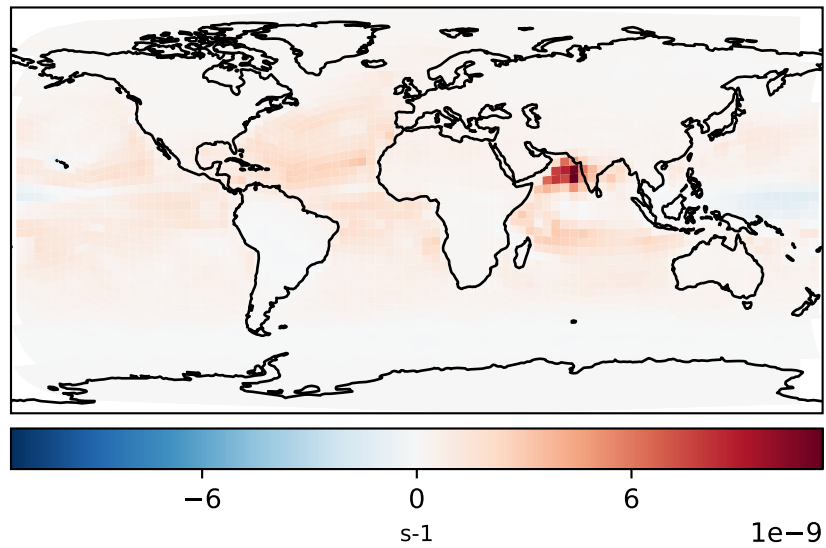
Processed GEOS-FP input, 3-hr winds (Ref)
c24



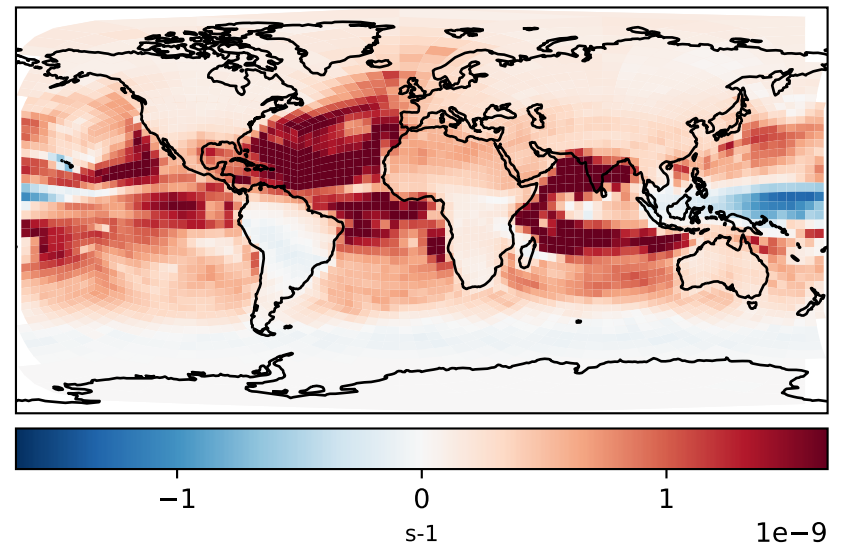
Raw GEOS-FP input, 3-hr winds (Dev)
c24



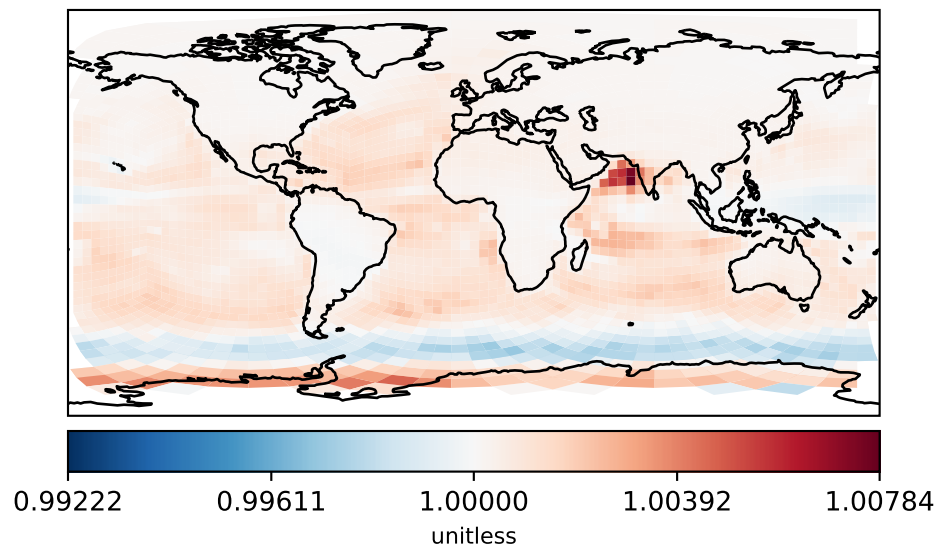
Difference
Dev - Ref, Dynamic Range



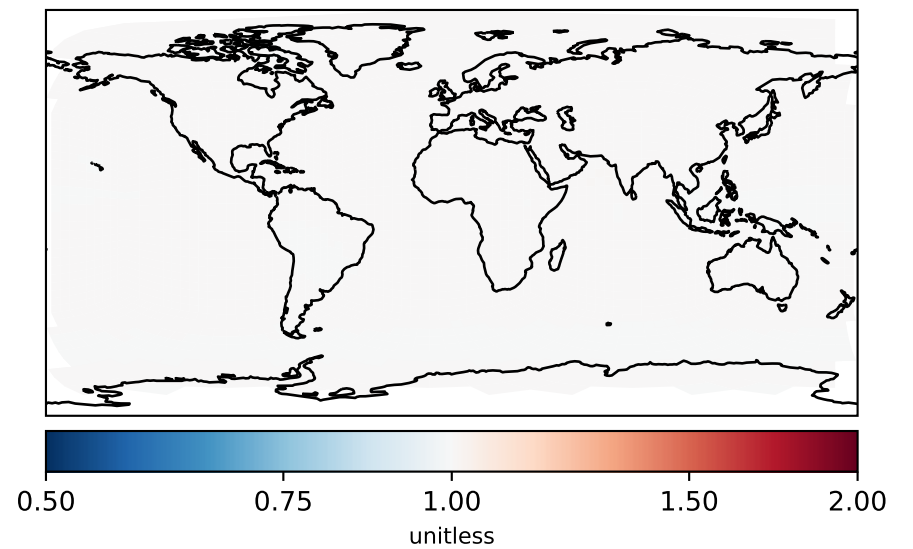
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

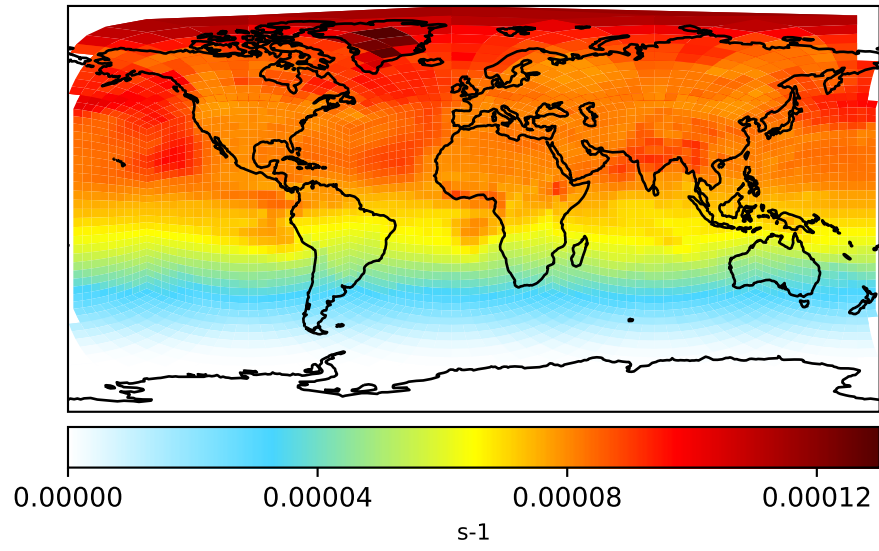


Ratio
Dev/Ref, Fixed Range

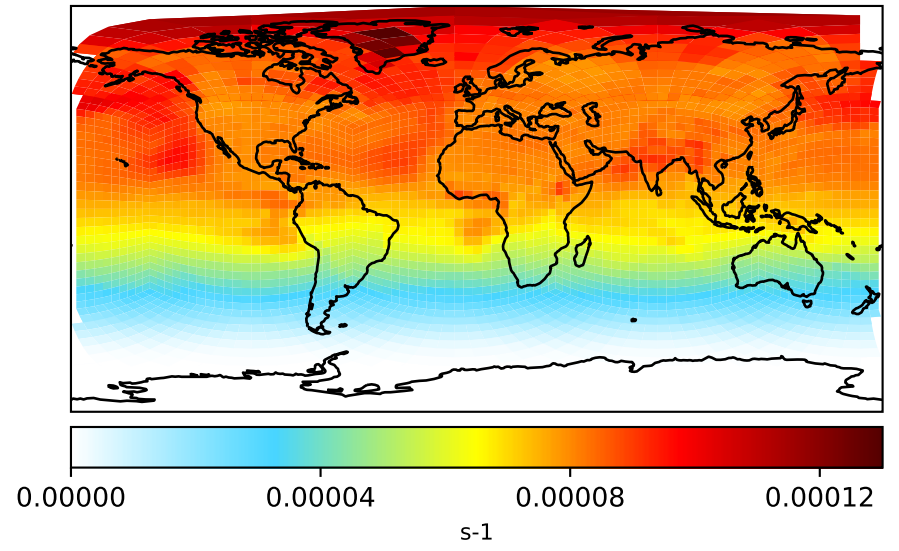


Jval_ITCN

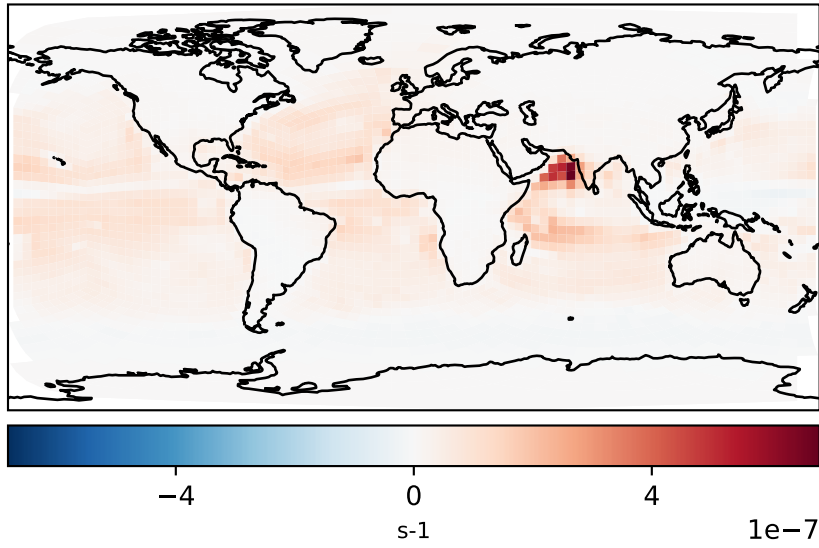
Processed GEOS-FP input, 3-hr winds (Ref)
c24



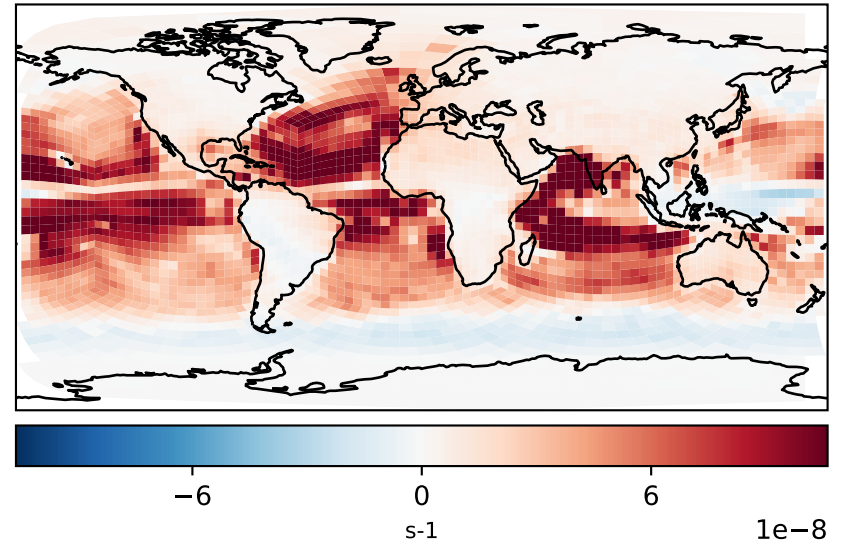
Raw GEOS-FP input, 3-hr winds (Dev)
c24



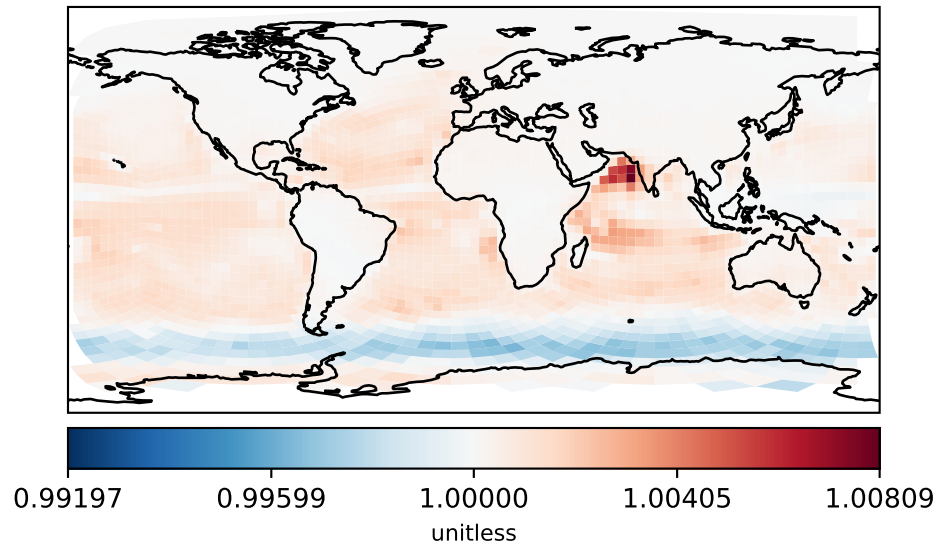
Difference
Dev - Ref, Dynamic Range



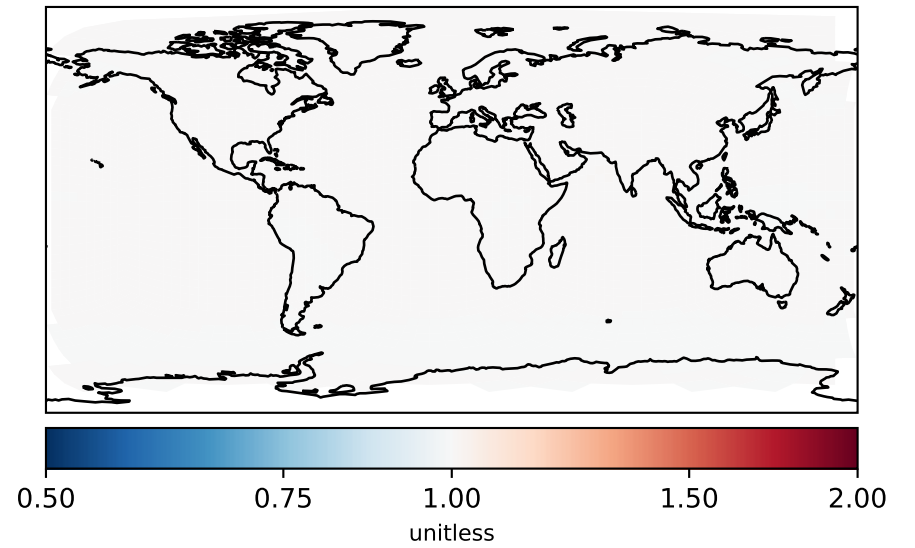
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

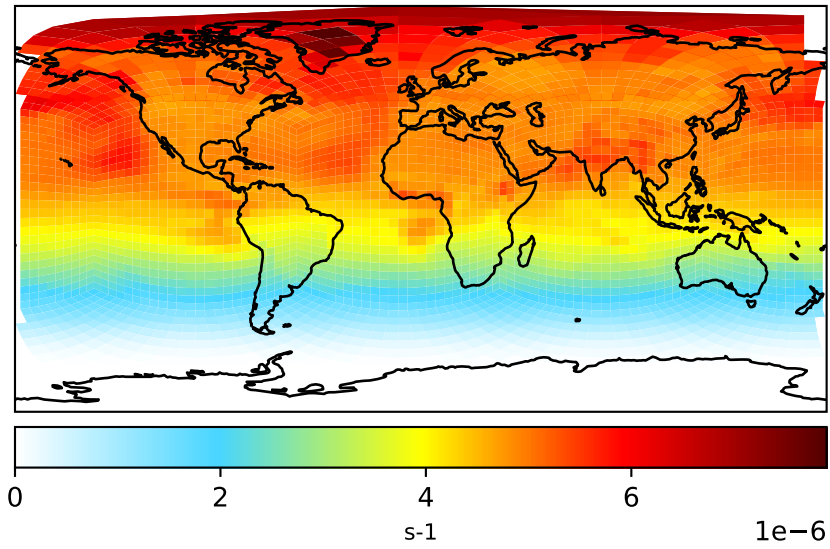


Ratio
Dev/Ref, Fixed Range

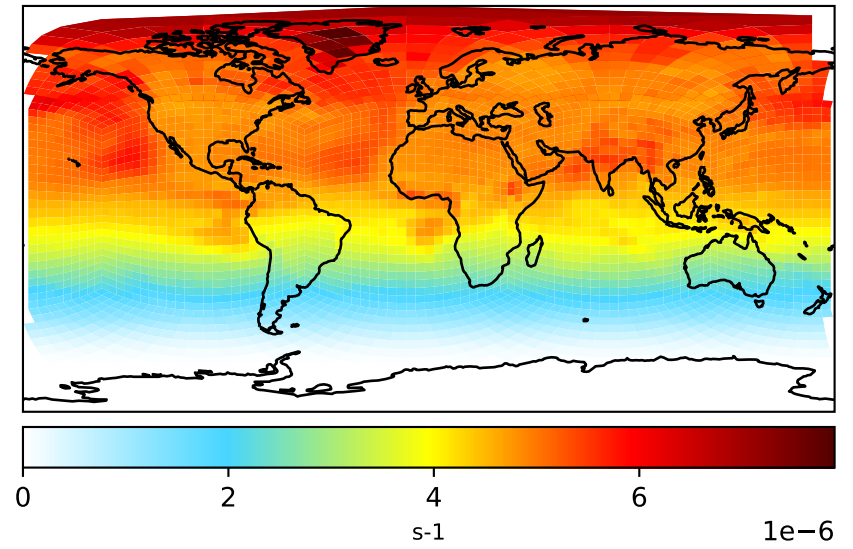


Jval_ITHN

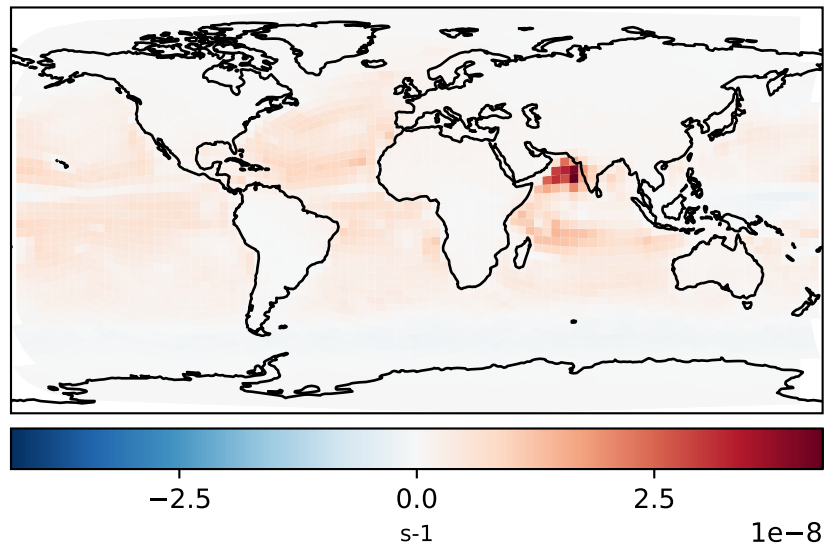
Processed GEOS-FP input, 3-hr winds (Ref)
c24



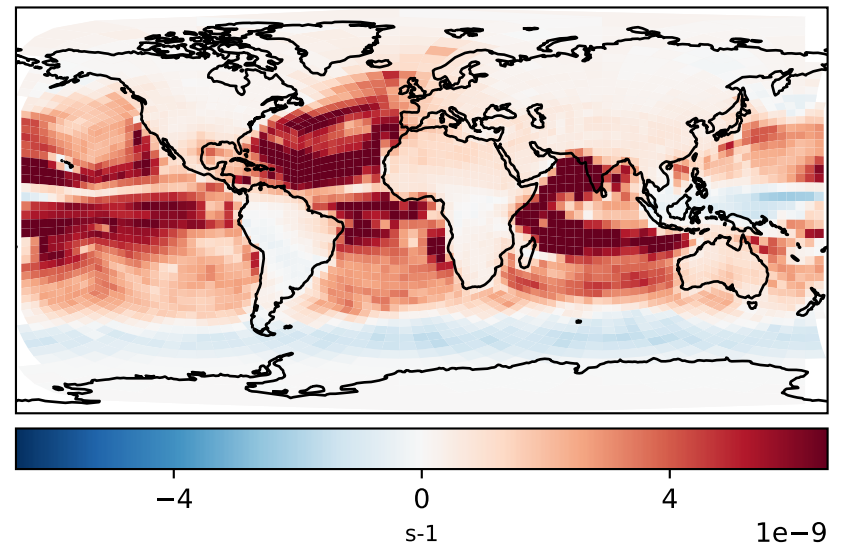
Raw GEOS-FP input, 3-hr winds (Dev)
c24



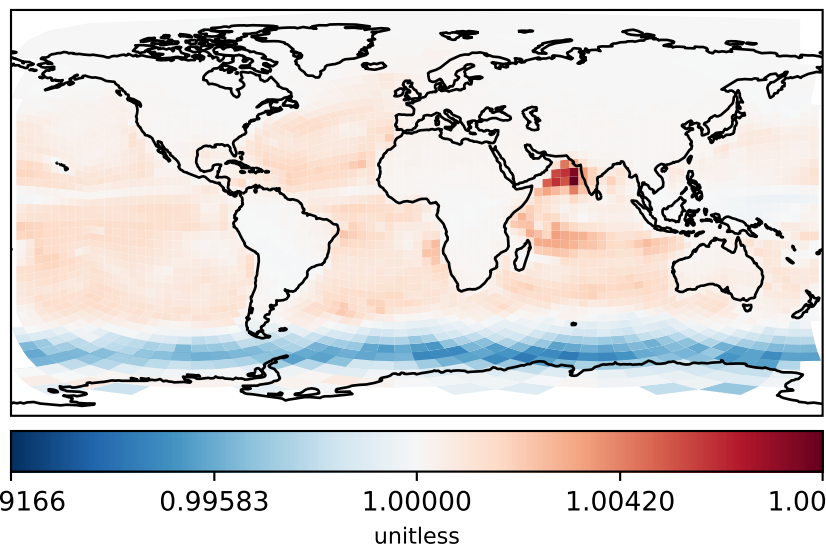
Difference
Dev - Ref, Dynamic Range



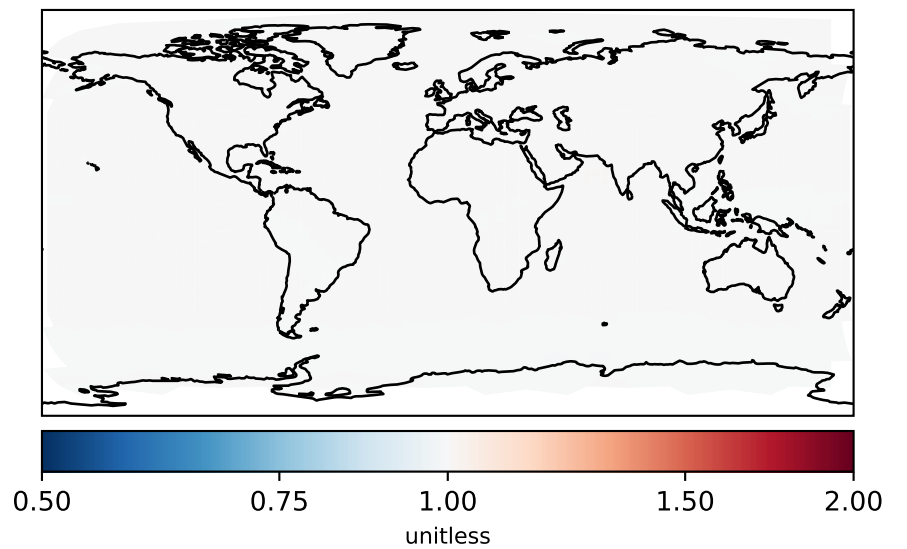
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

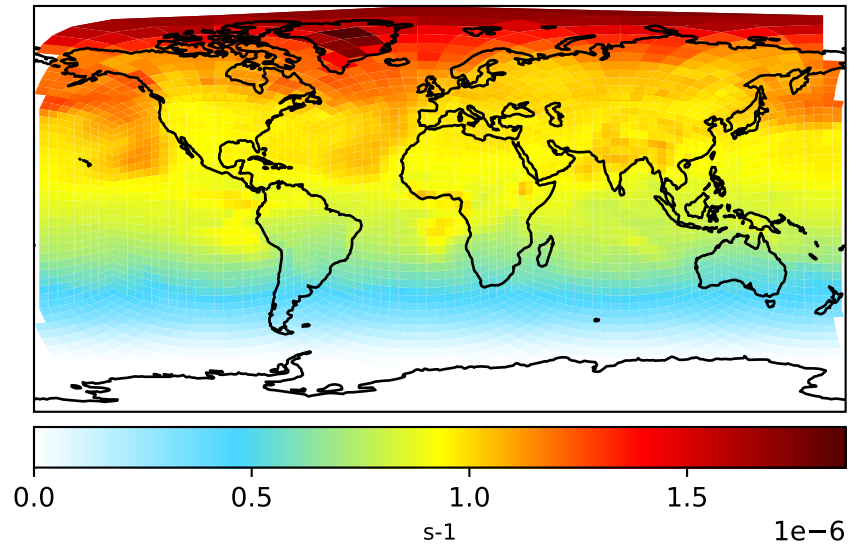


Ratio
Dev/Ref, Fixed Range

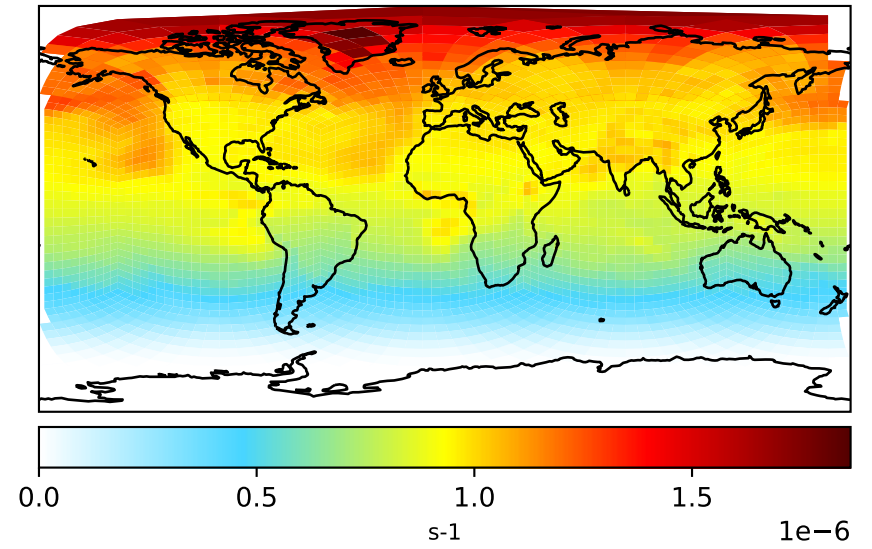


Jval_MACR

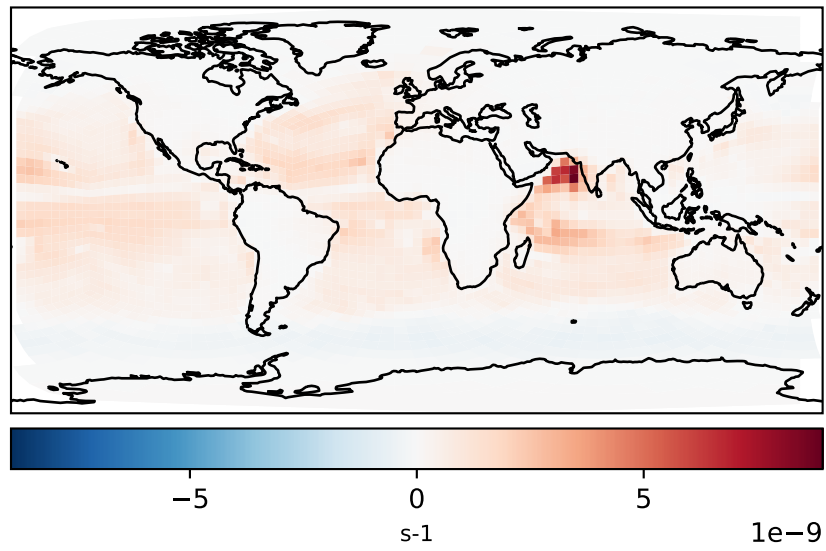
Processed GEOS-FP input, 3-hr winds (Ref)
c24



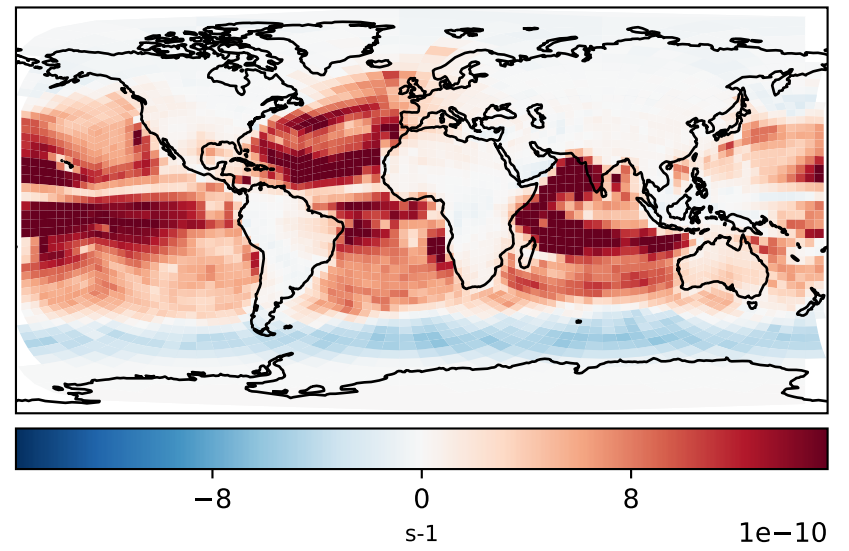
Raw GEOS-FP input, 3-hr winds (Dev)
c24



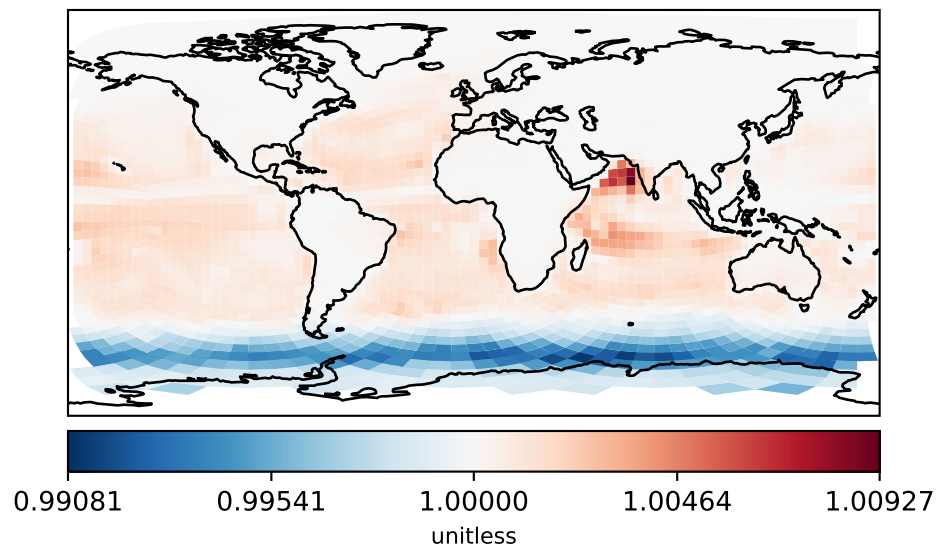
Difference
Dev - Ref, Dynamic Range



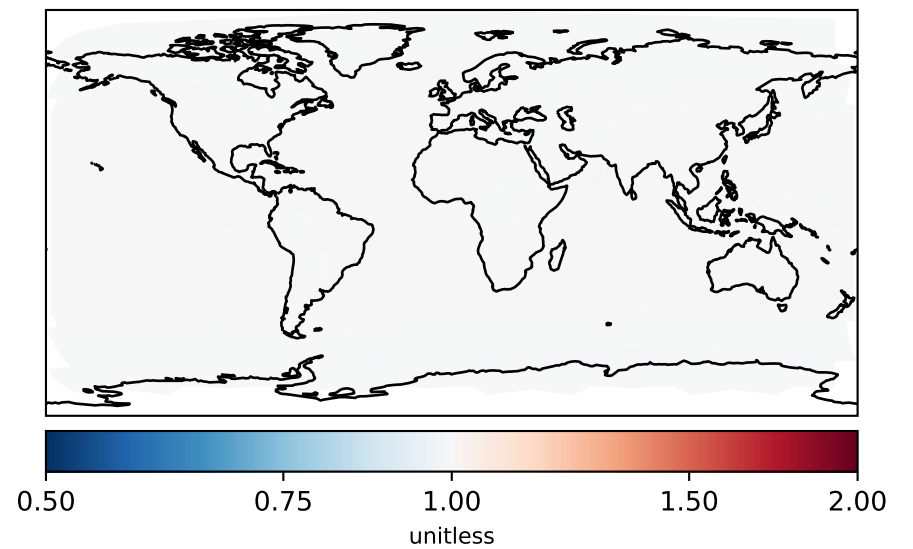
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

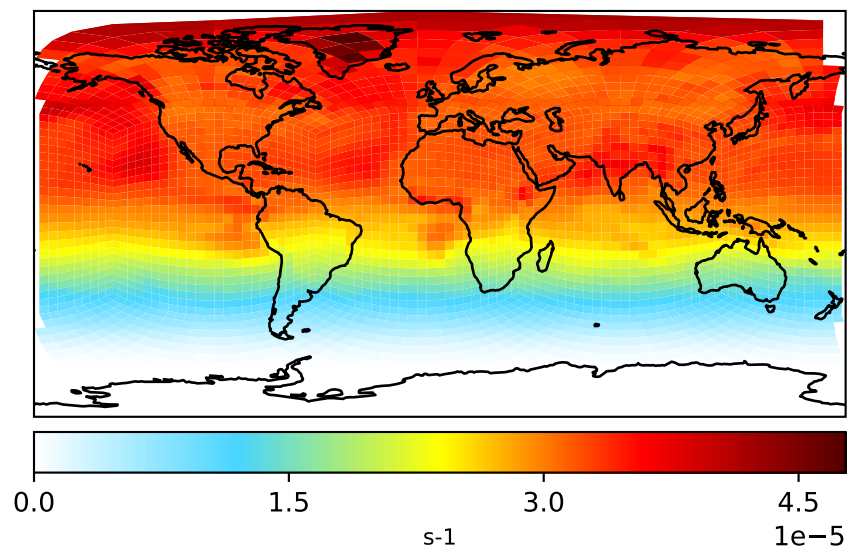


Ratio
Dev/Ref, Fixed Range

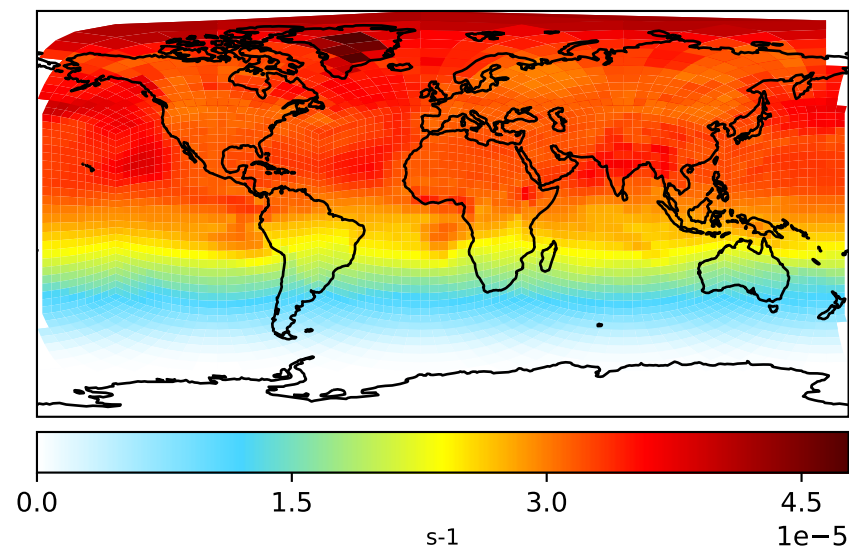


Jval_MACR100H

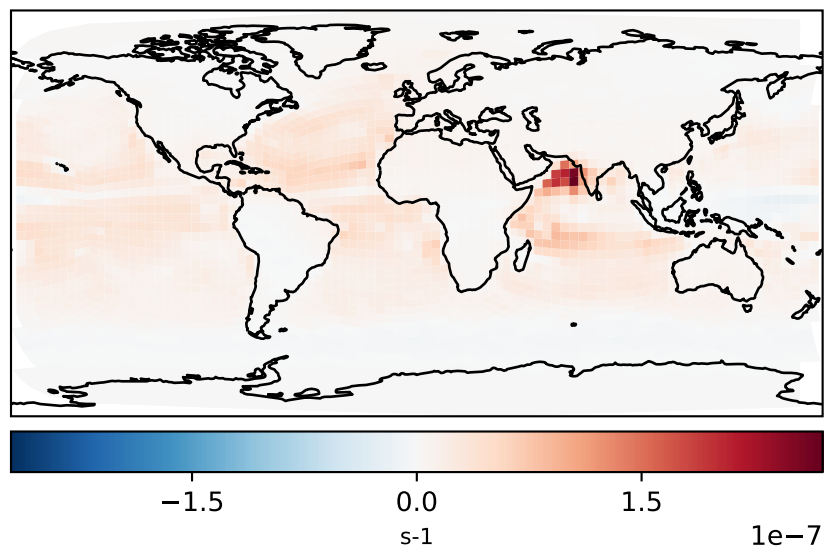
Processed GEOS-FP input, 3-hr winds (Ref)
c24



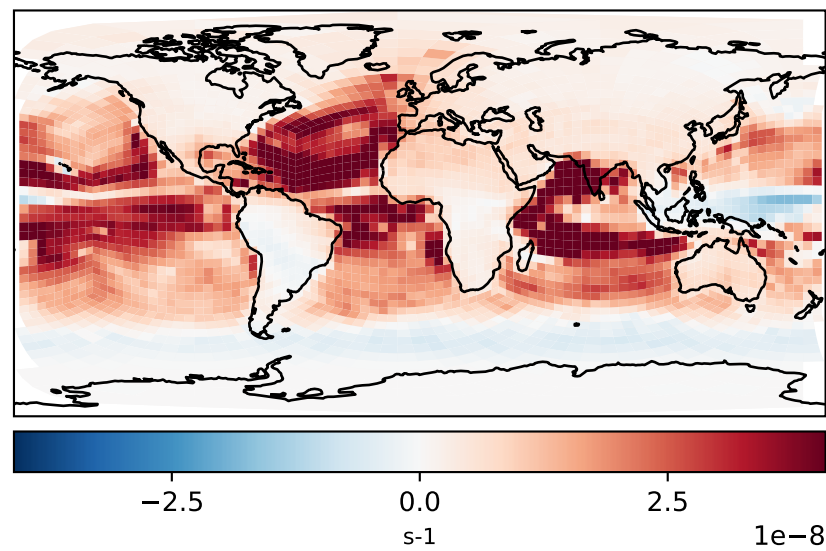
Raw GEOS-FP input, 3-hr winds (Dev)
c24



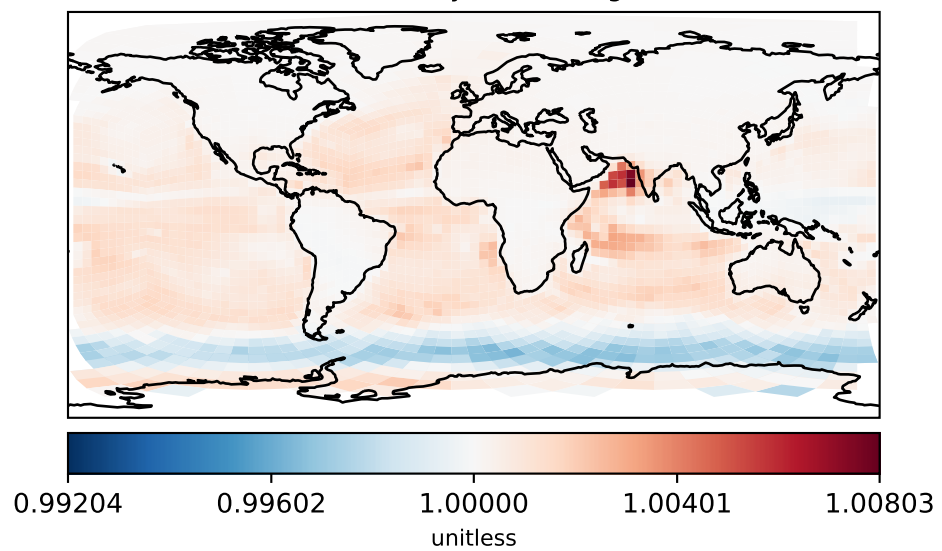
Difference
Dev - Ref, Dynamic Range



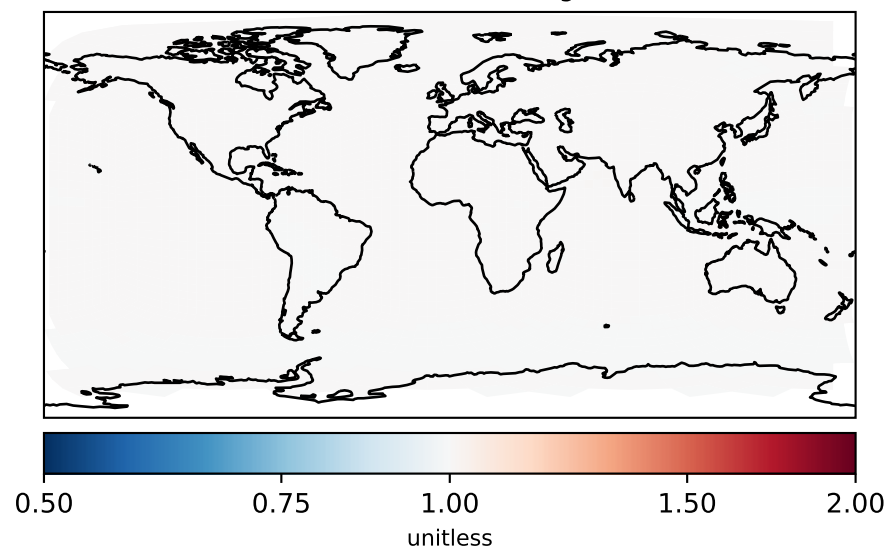
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

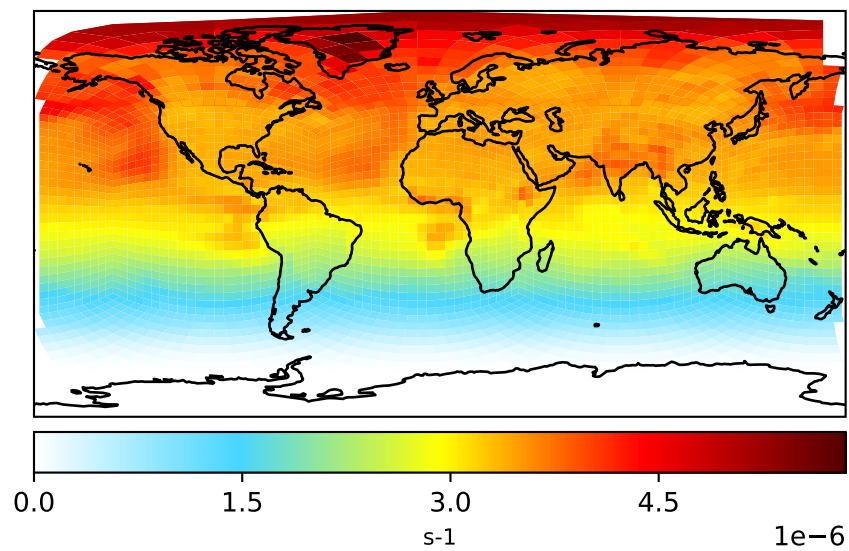


Ratio
Dev/Ref, Fixed Range

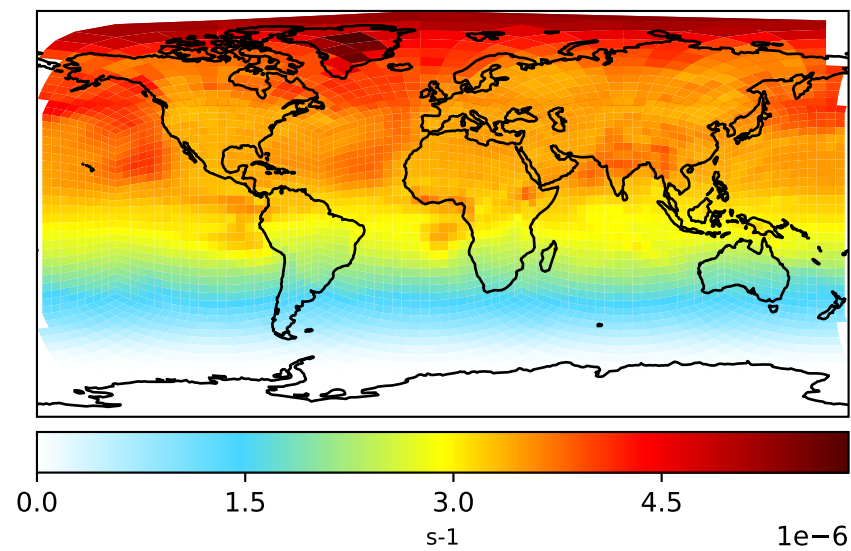


Jval_MAP

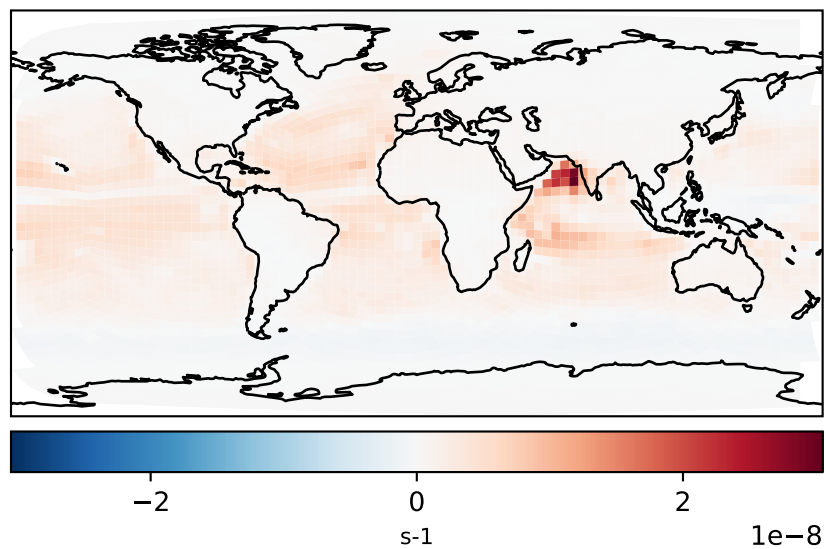
Processed GEOS-FP input, 3-hr winds (Ref)
c24



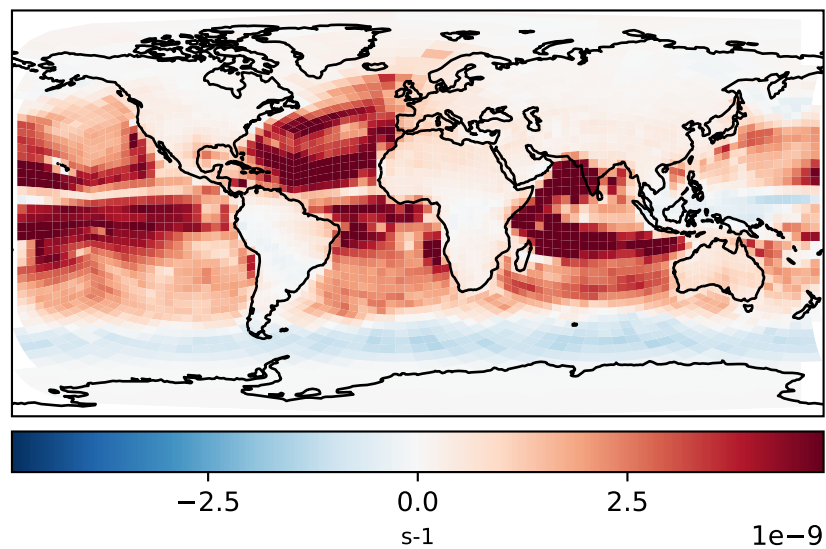
Raw GEOS-FP input, 3-hr winds (Dev)
c24



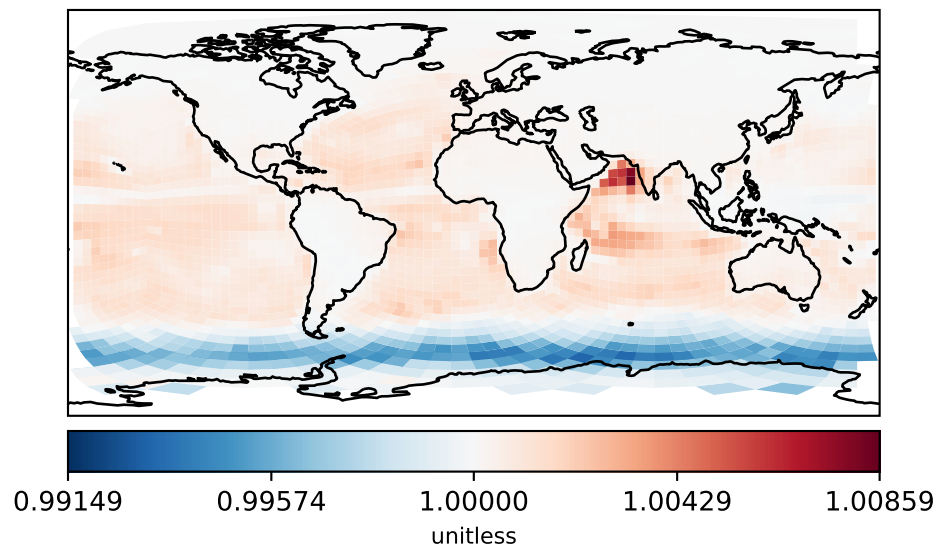
Difference
Dev - Ref, Dynamic Range



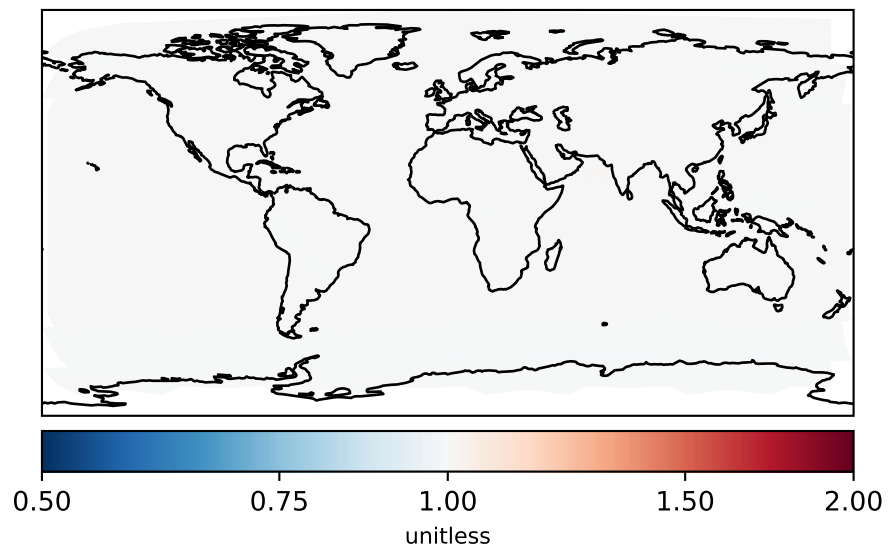
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

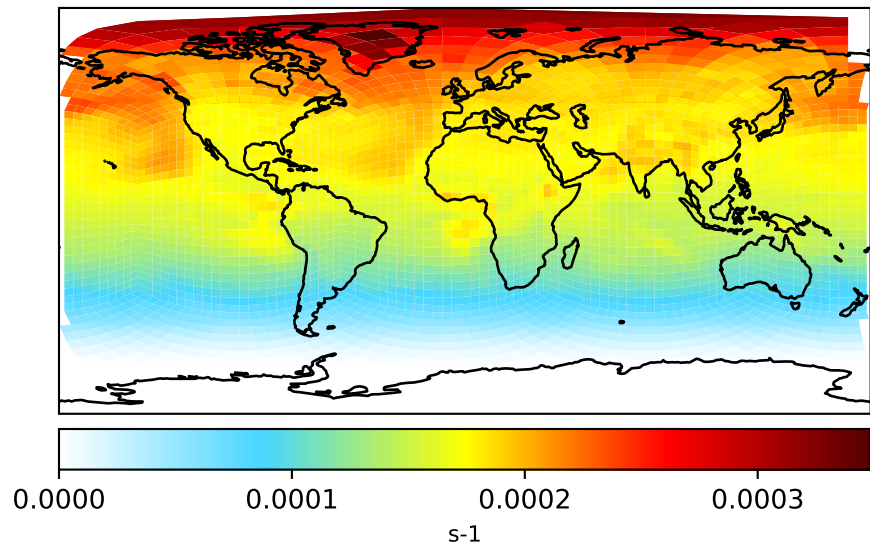


Ratio
Dev/Ref, Fixed Range

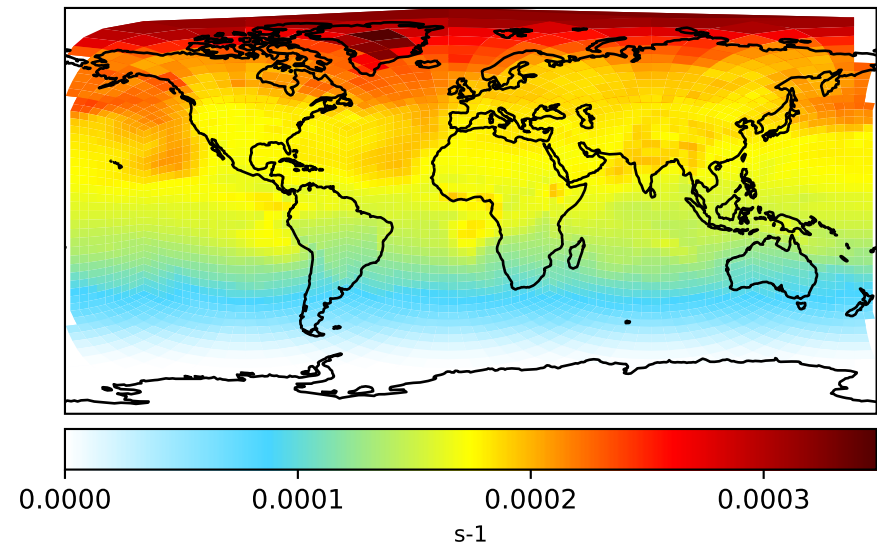


Jval_MCRENOL

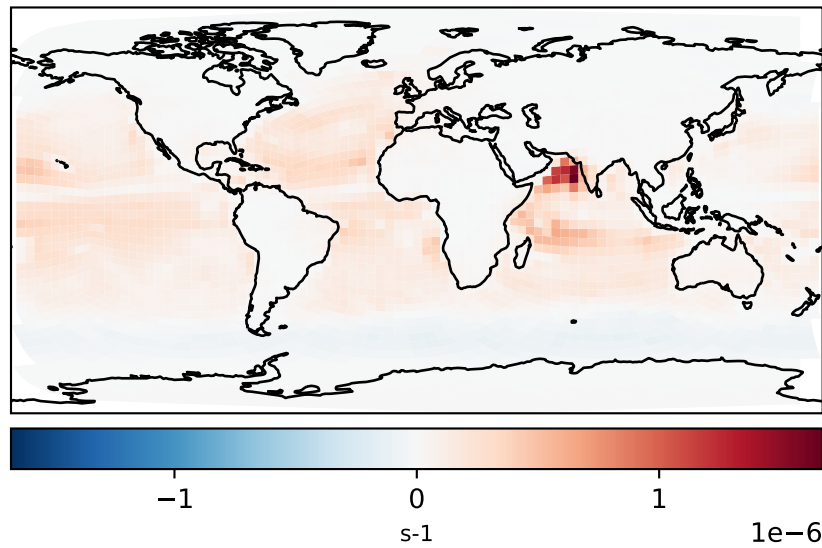
Processed GEOS-FP input, 3-hr winds (Ref)
c24



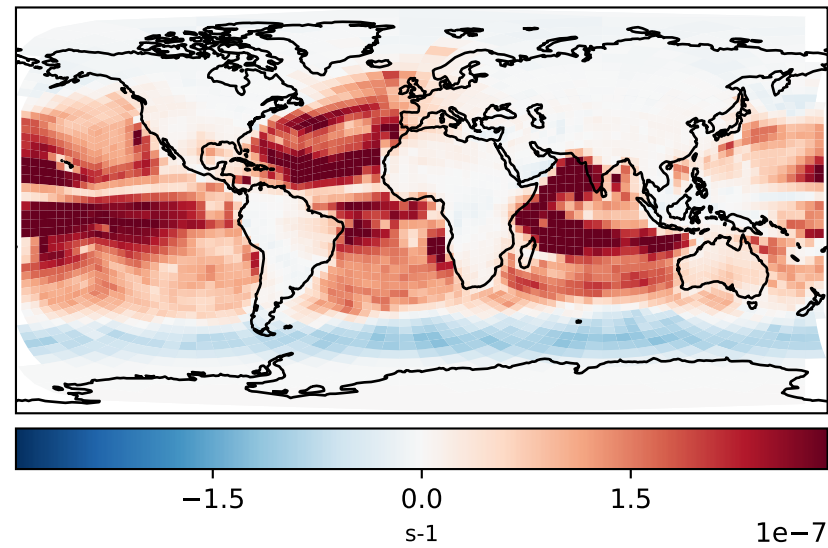
Raw GEOS-FP input, 3-hr winds (Dev)
c24



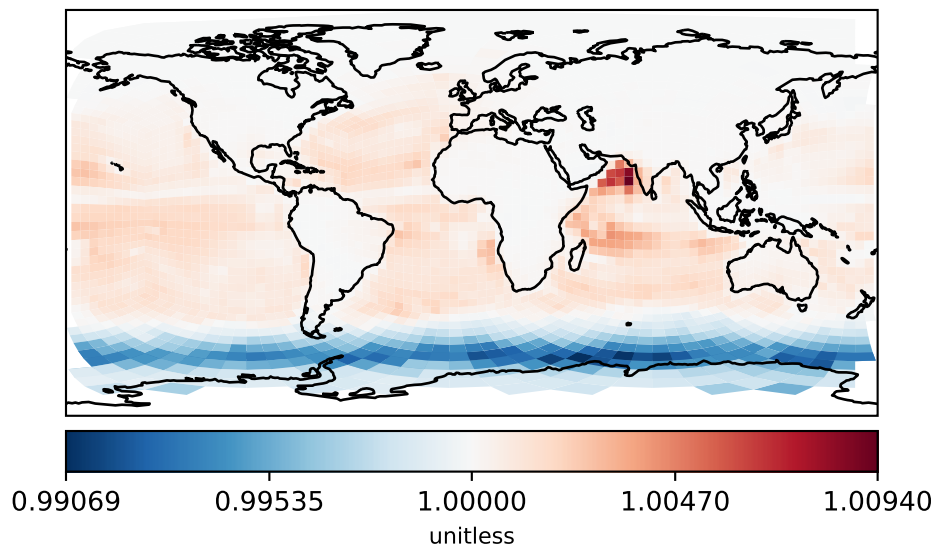
Difference
Dev - Ref, Dynamic Range



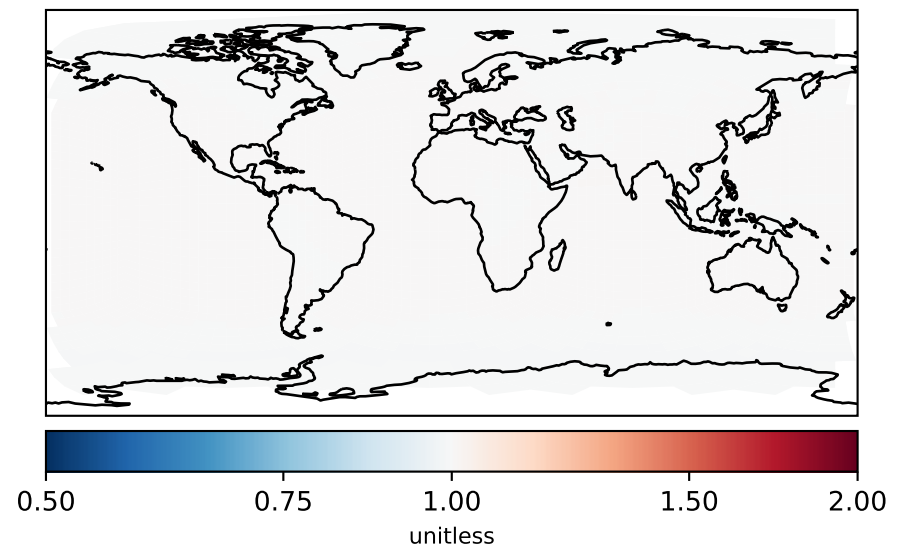
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

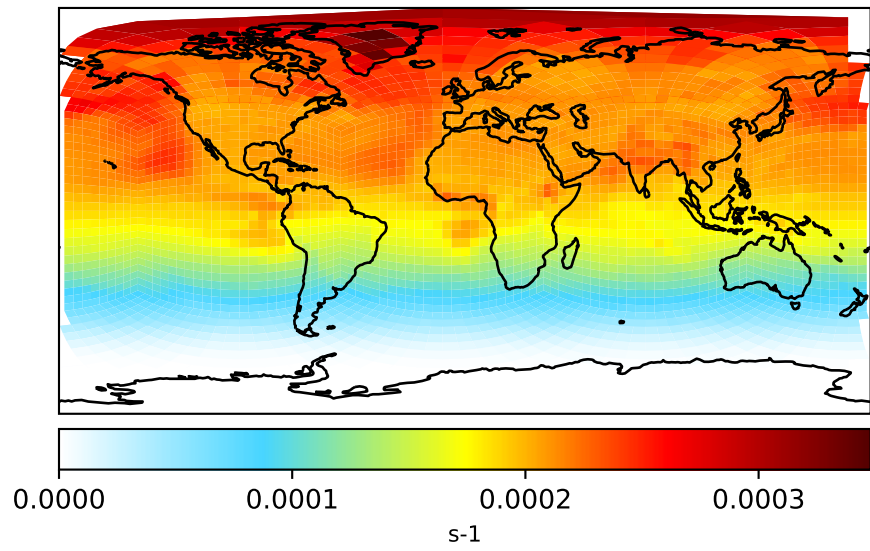


Ratio
Dev/Ref, Fixed Range

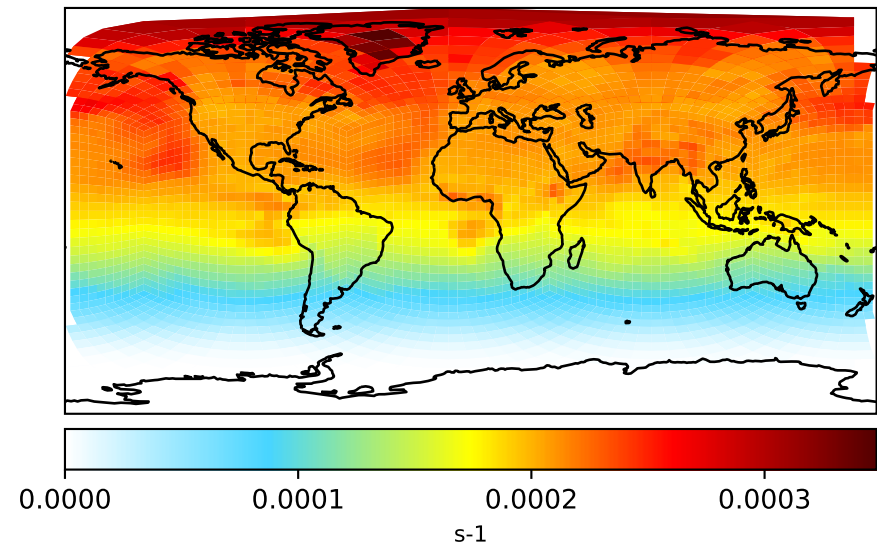


Jval_MCRHN

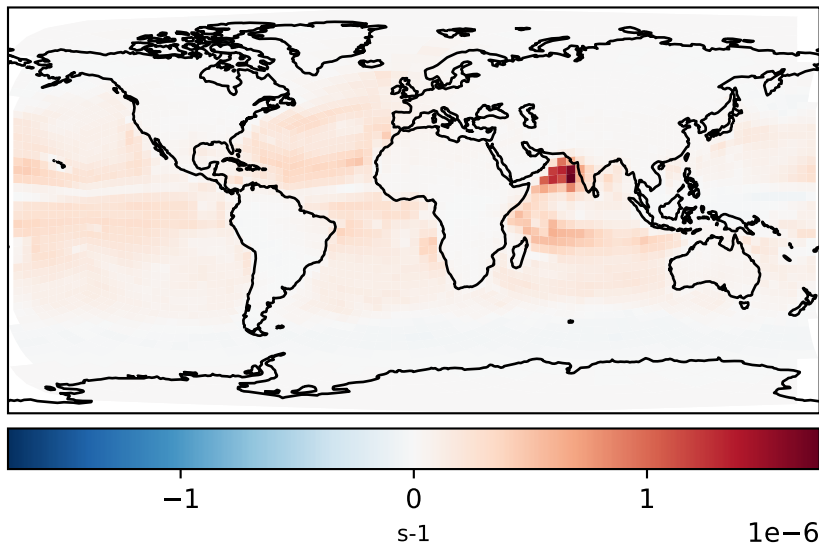
Processed GEOS-FP input, 3-hr winds (Ref)
c24



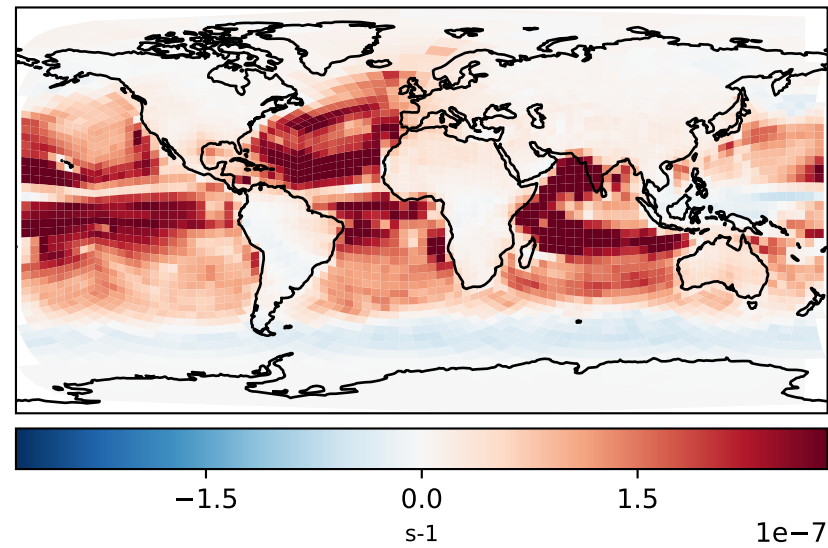
Raw GEOS-FP input, 3-hr winds (Dev)
c24



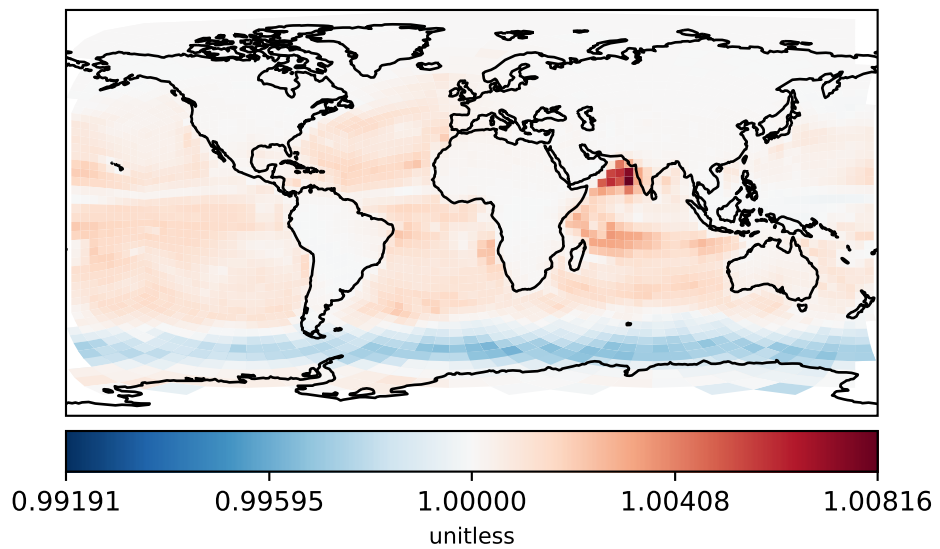
Difference
Dev - Ref, Dynamic Range



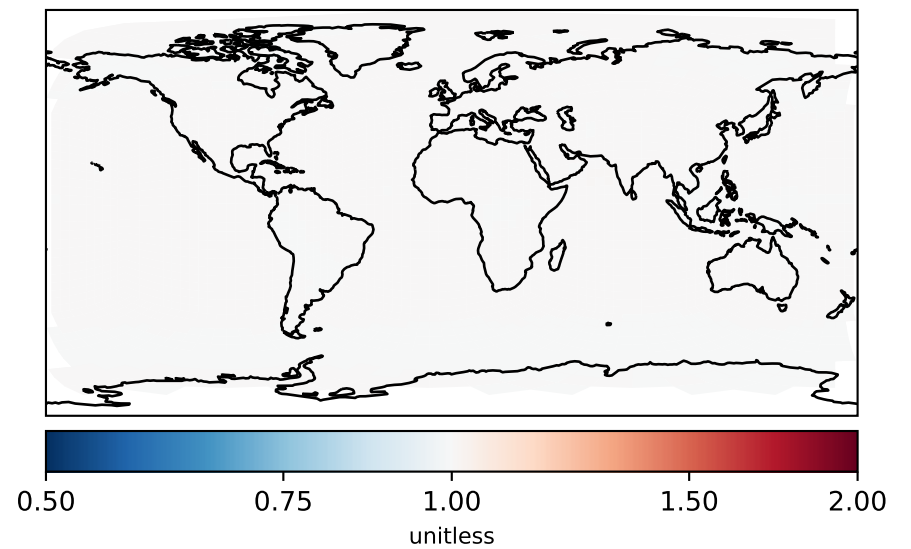
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

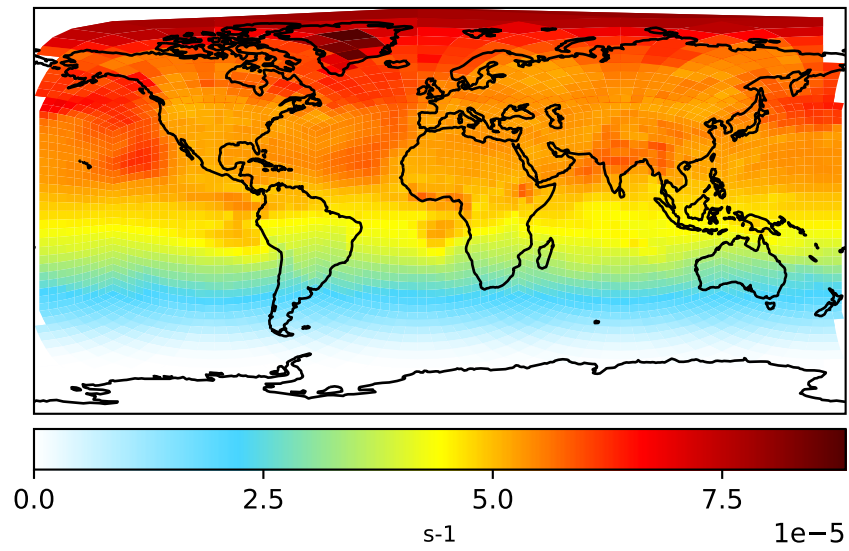


Ratio
Dev/Ref, Fixed Range

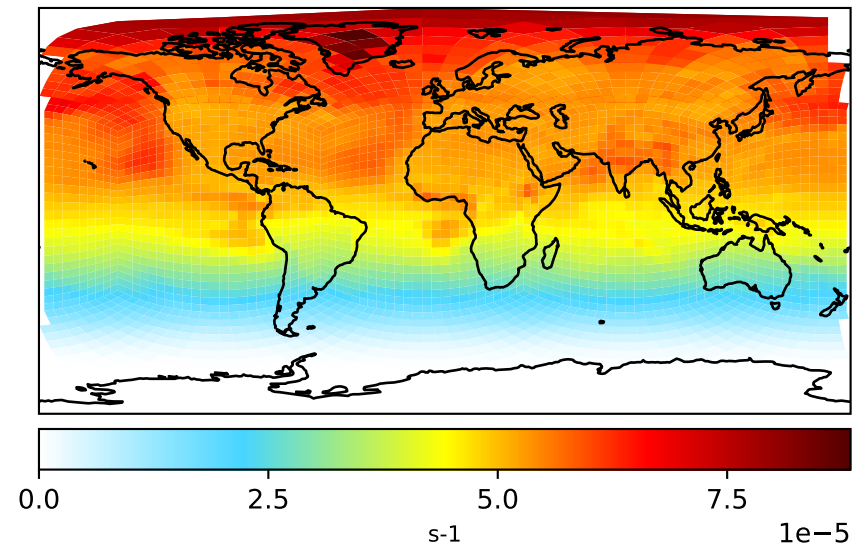


Jval_MCRHNB

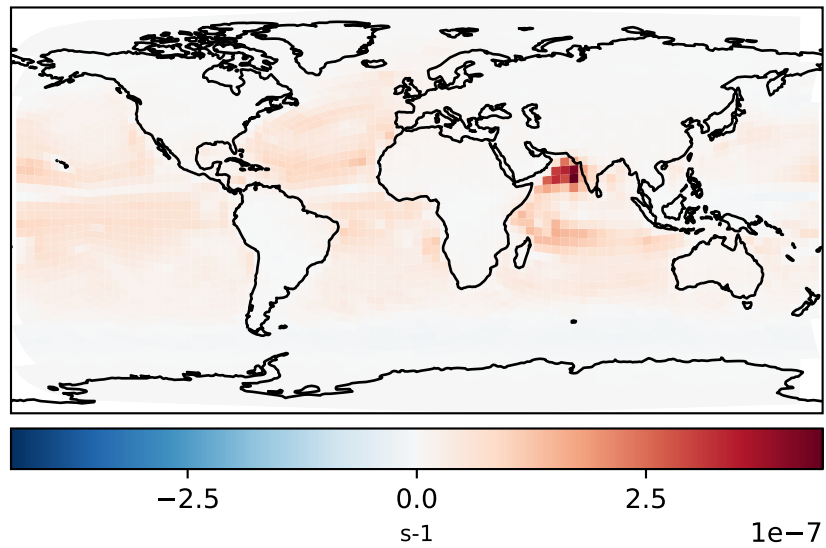
Processed GEOS-FP input, 3-hr winds (Ref)
c24



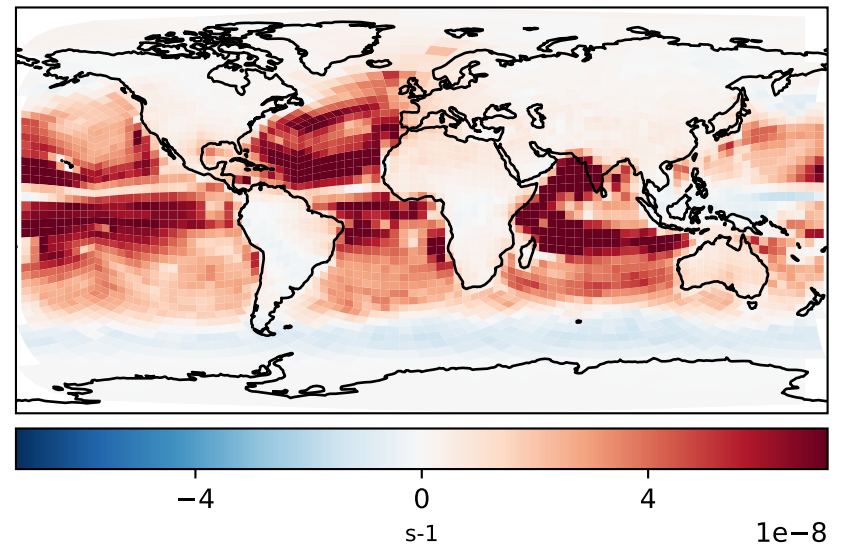
Raw GEOS-FP input, 3-hr winds (Dev)
c24



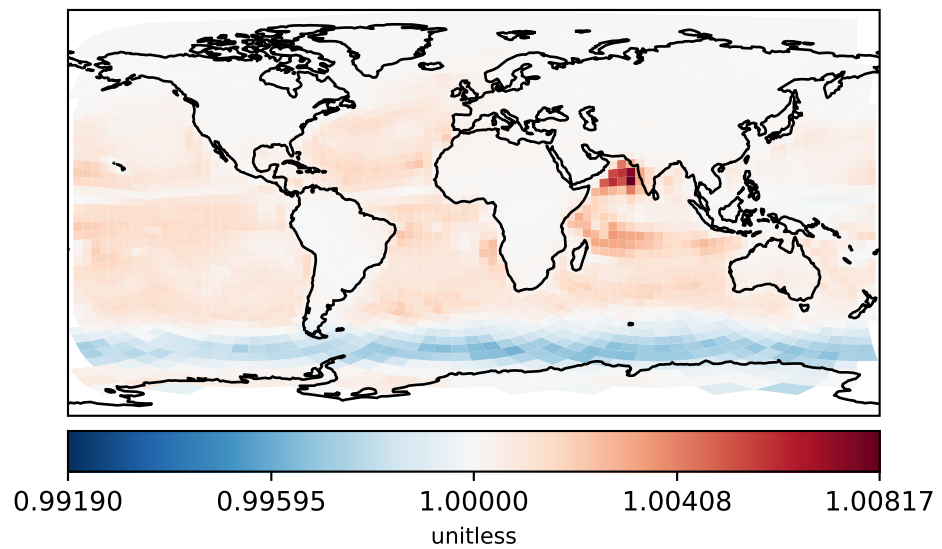
Difference
Dev - Ref, Dynamic Range



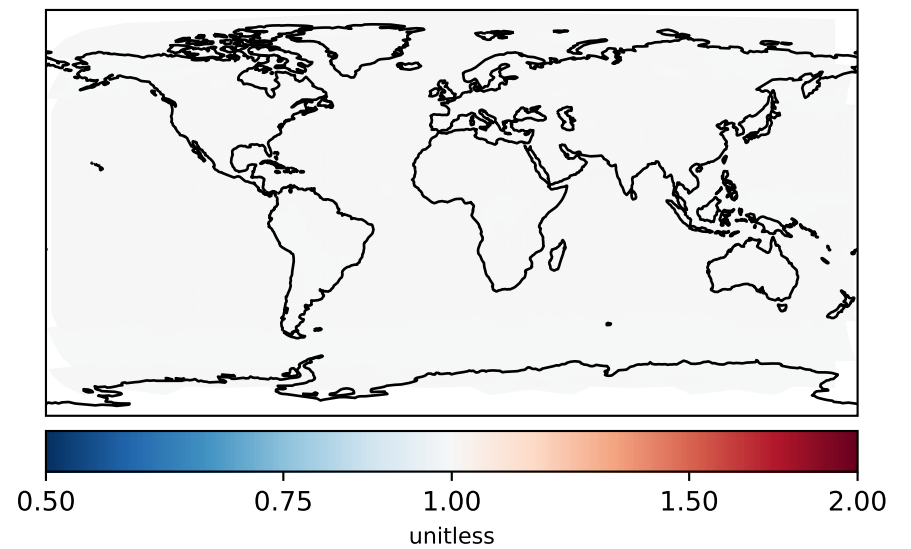
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

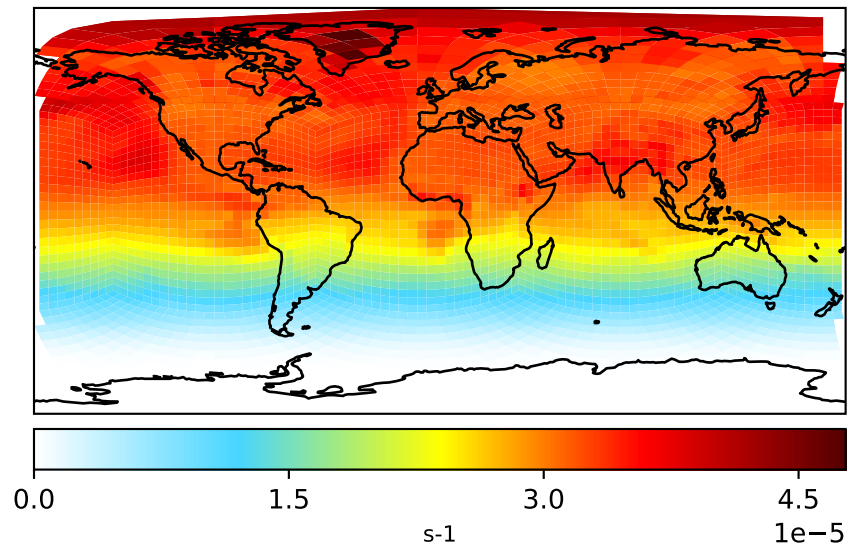


Ratio
Dev/Ref, Fixed Range

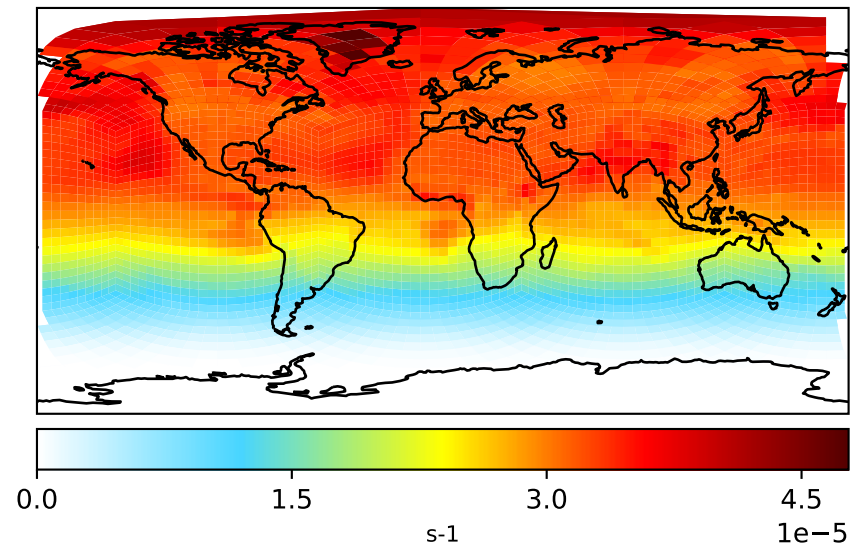


Jval_MCRHP

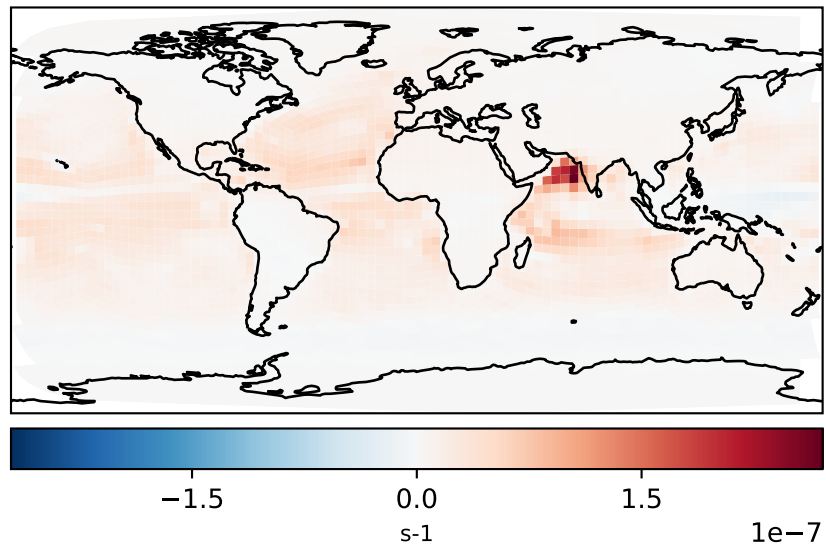
Processed GEOS-FP input, 3-hr winds (Ref)
c24



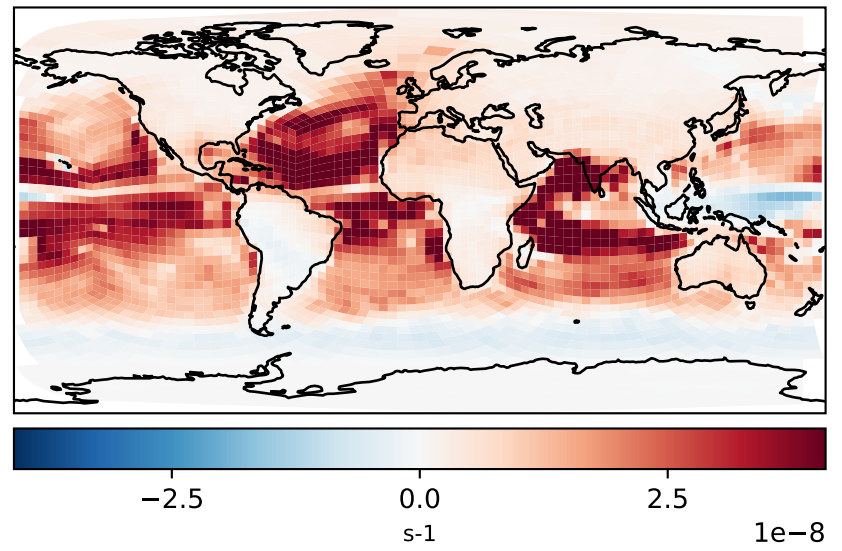
Raw GEOS-FP input, 3-hr winds (Dev)
c24



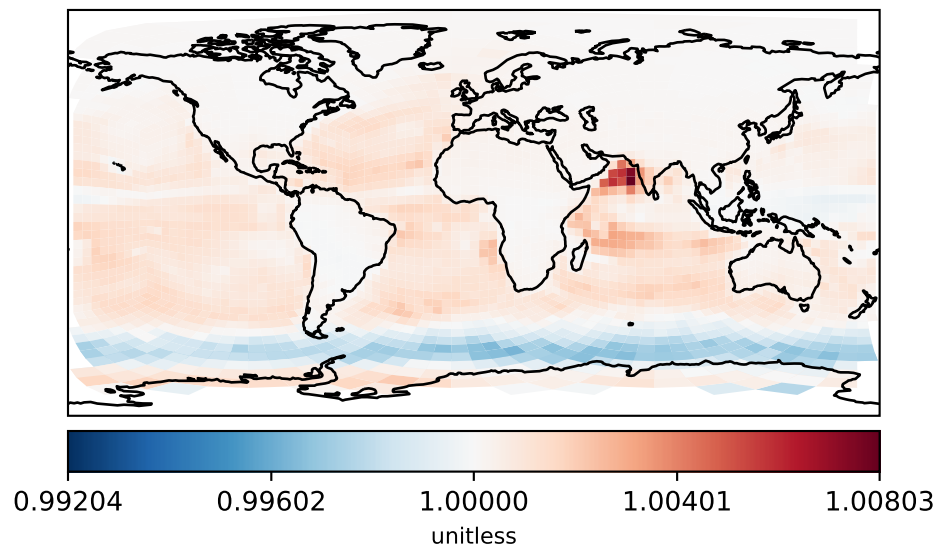
Difference
Dev - Ref, Dynamic Range



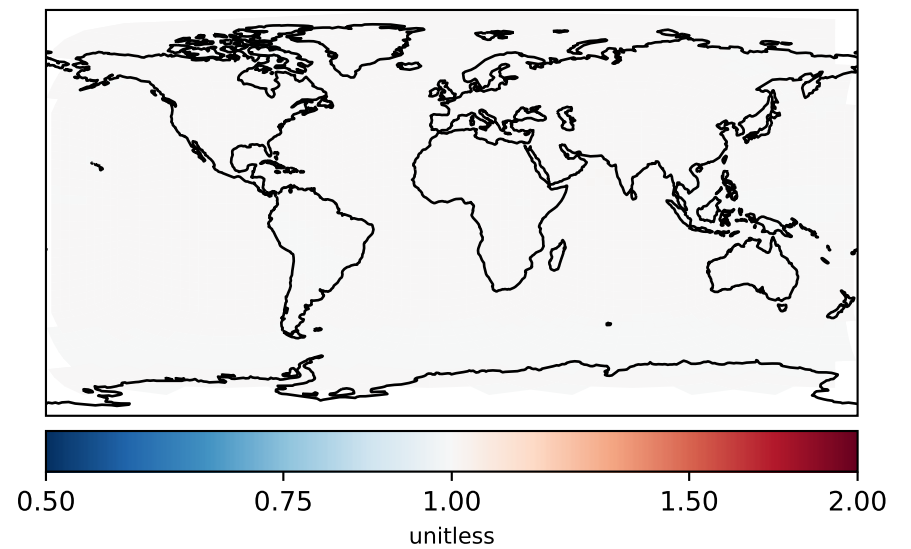
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

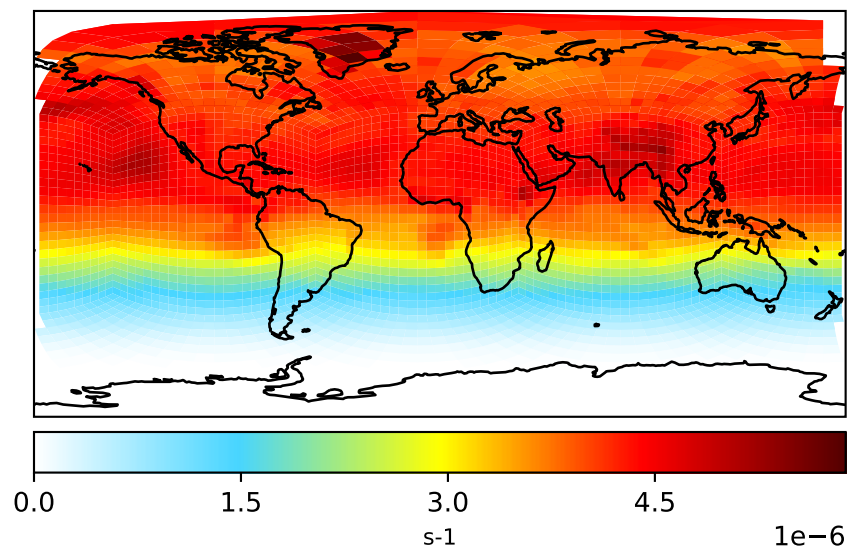


Ratio
Dev/Ref, Fixed Range

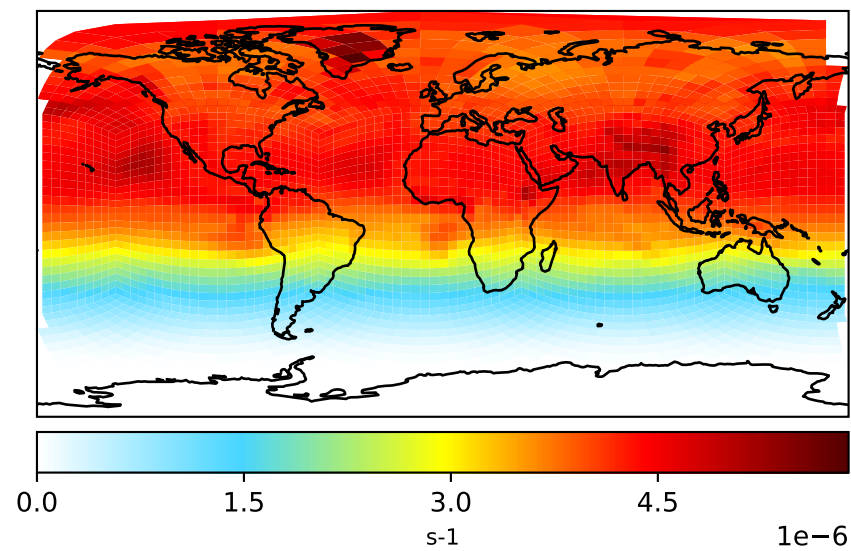


Jval_MEK

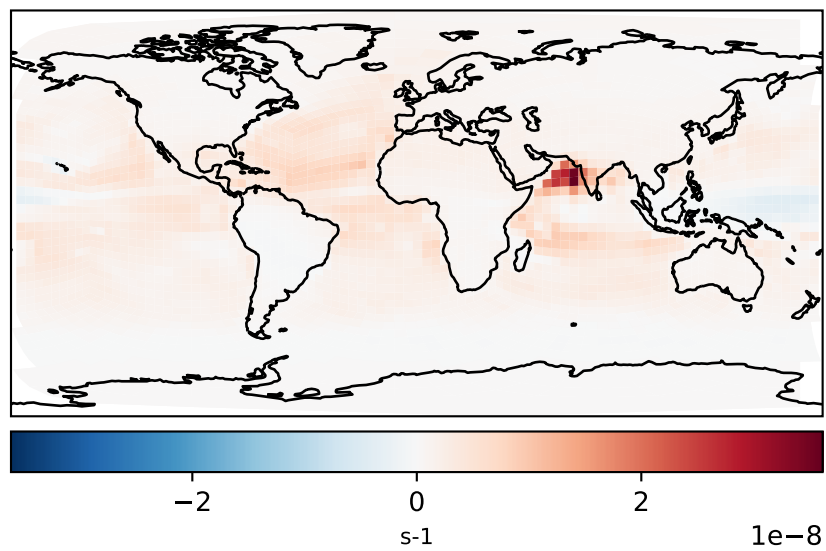
Processed GEOS-FP input, 3-hr winds (Ref)
c24



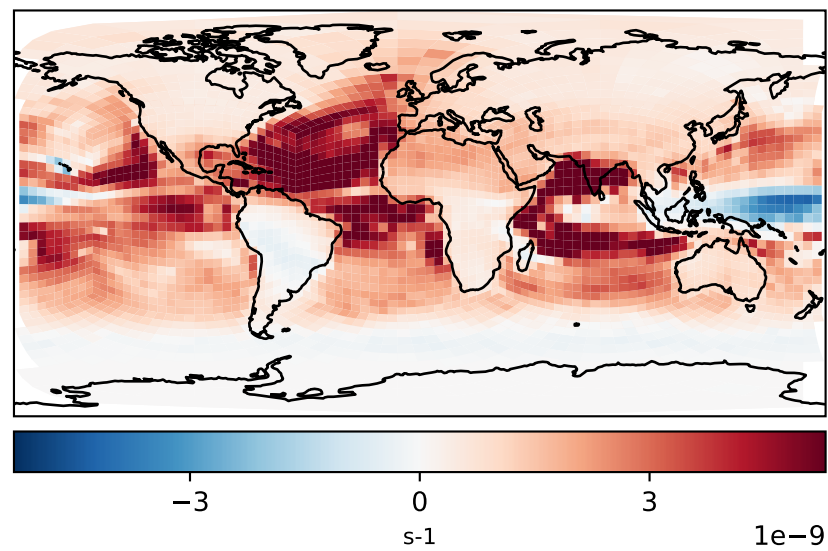
Raw GEOS-FP input, 3-hr winds (Dev)
c24



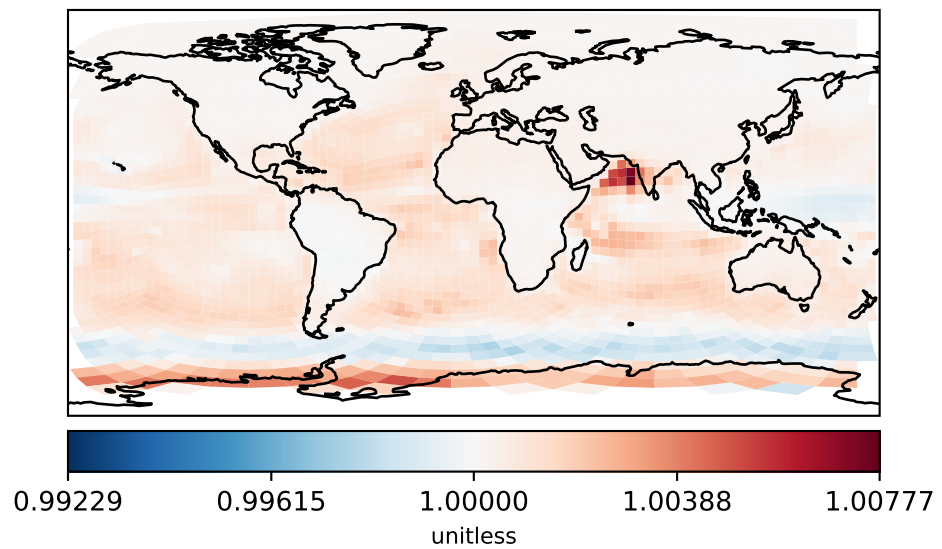
Difference
Dev - Ref, Dynamic Range



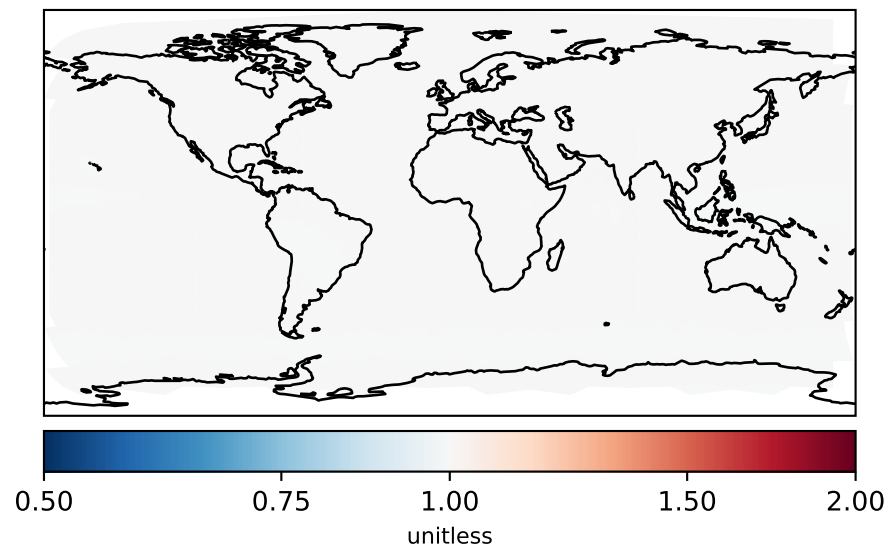
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

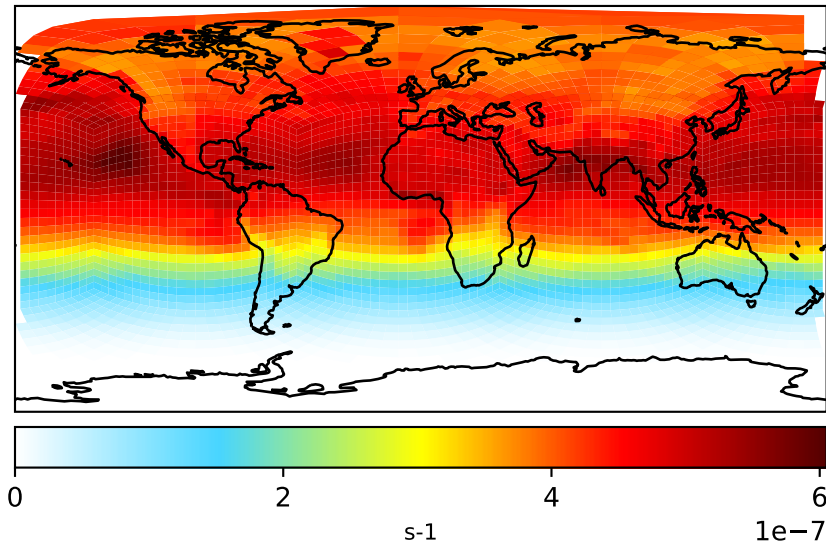


Ratio
Dev/Ref, Fixed Range

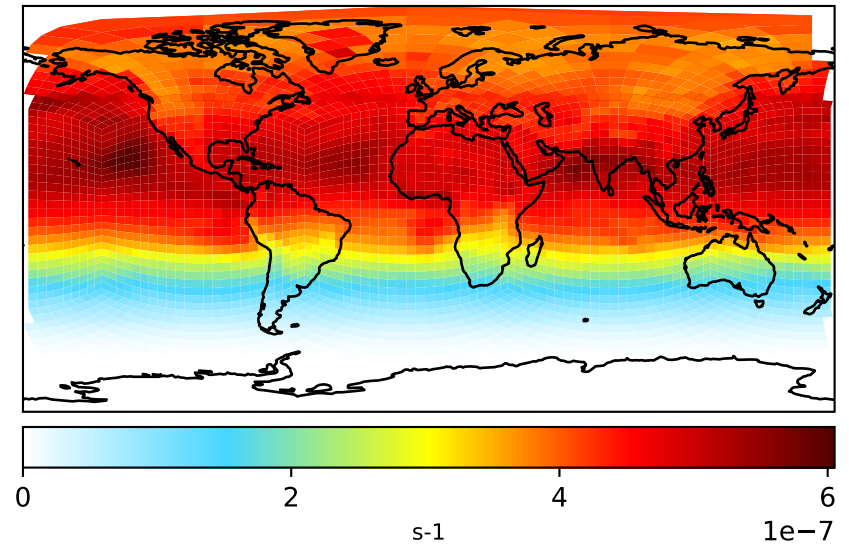


Jval_MEN03

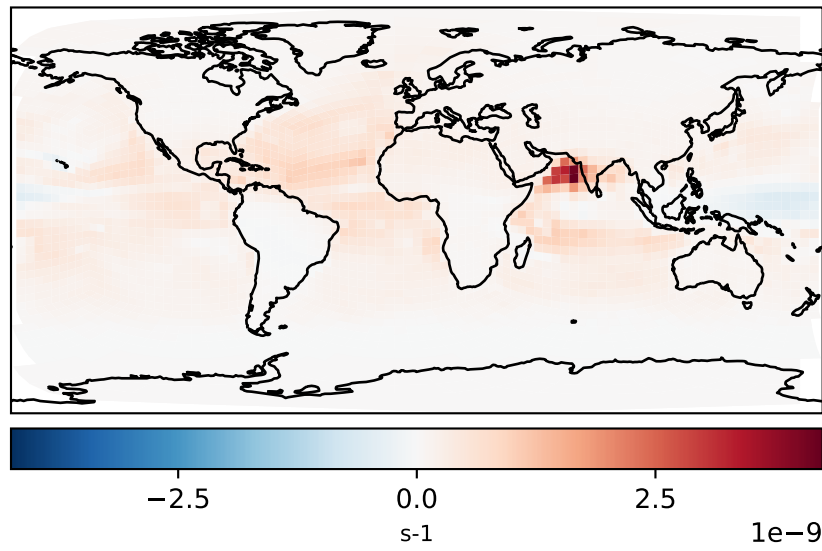
Processed GEOS-FP input, 3-hr winds (Ref)
c24



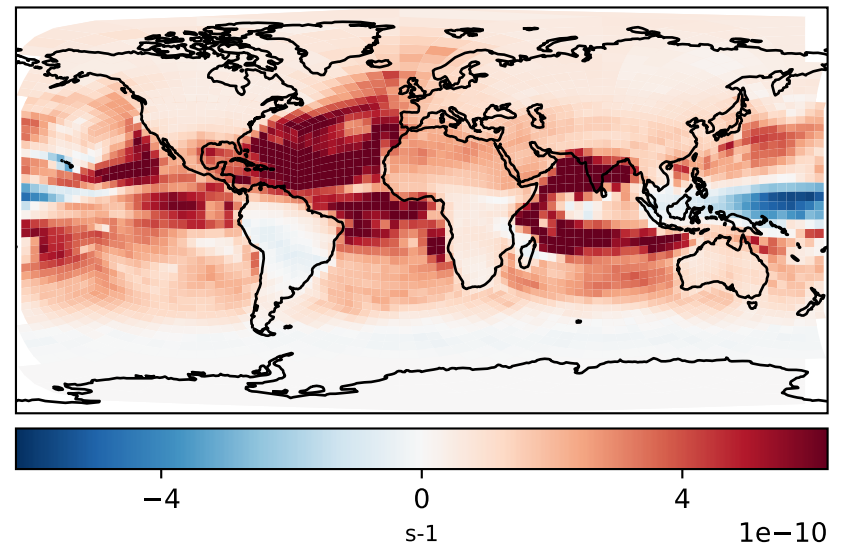
Raw GEOS-FP input, 3-hr winds (Dev)
c24



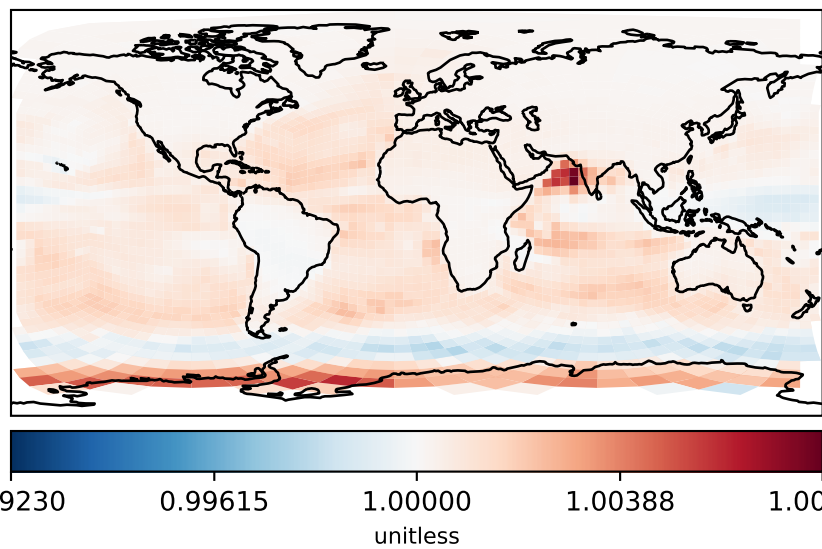
Difference
Dev - Ref, Dynamic Range



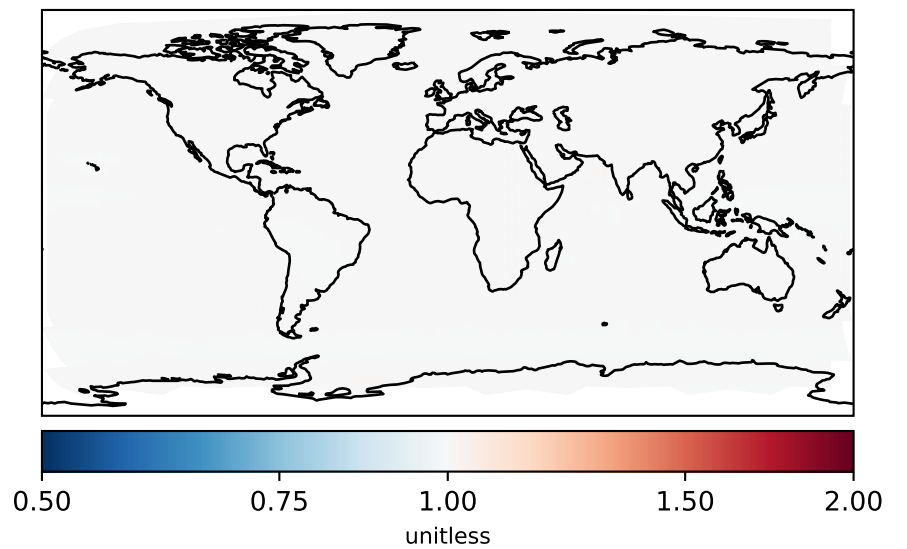
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

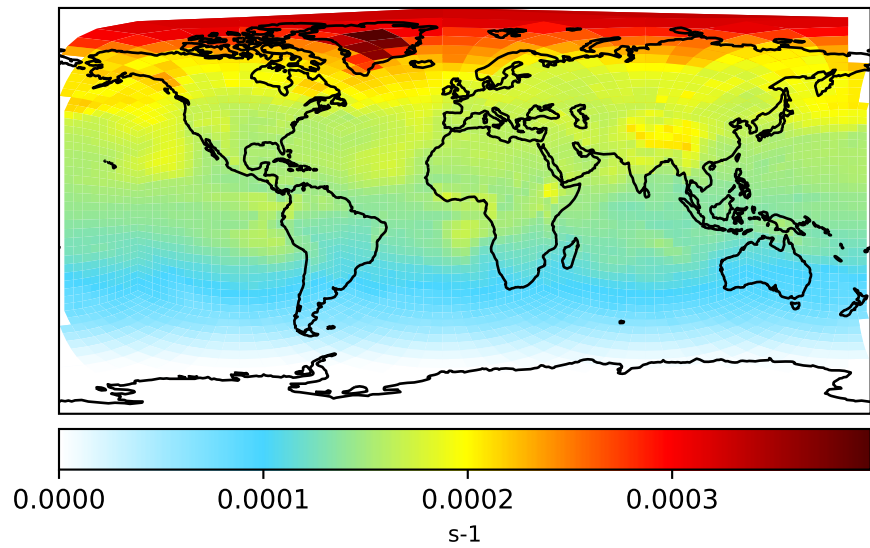


Ratio
Dev/Ref, Fixed Range

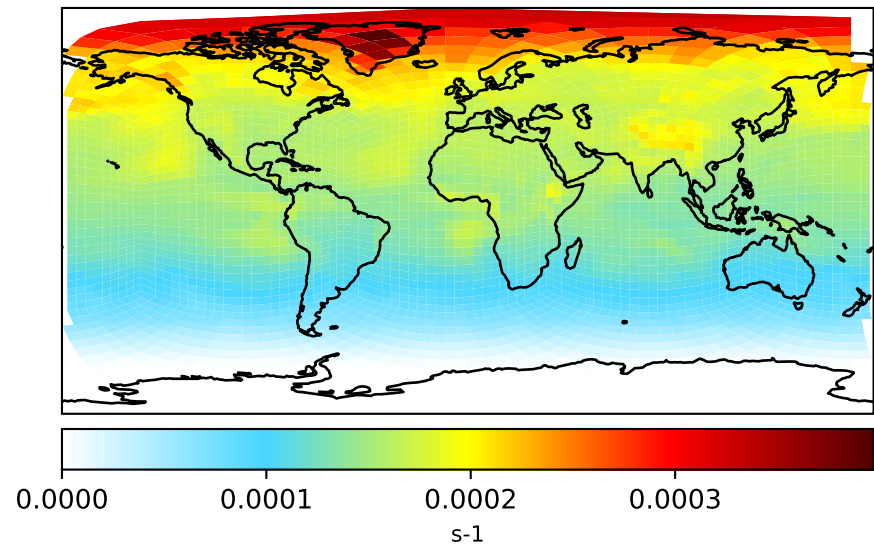


Jval_MGLY

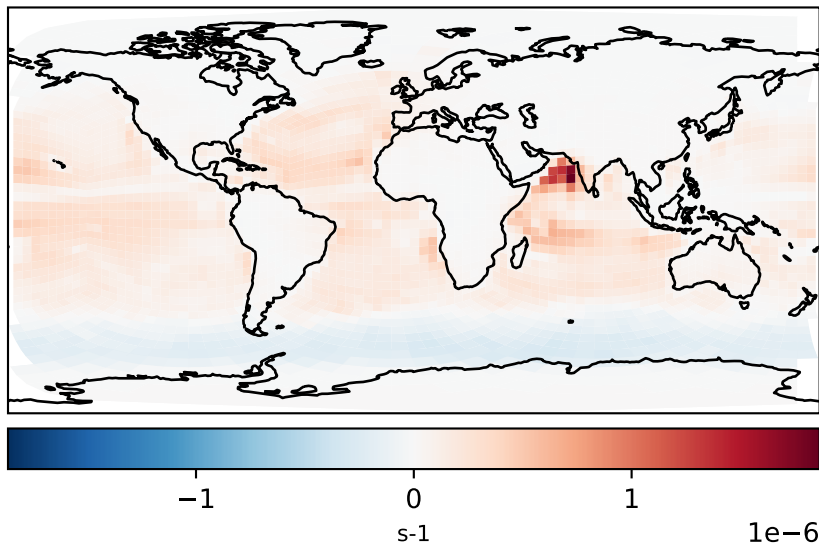
Processed GEOS-FP input, 3-hr winds (Ref)
c24



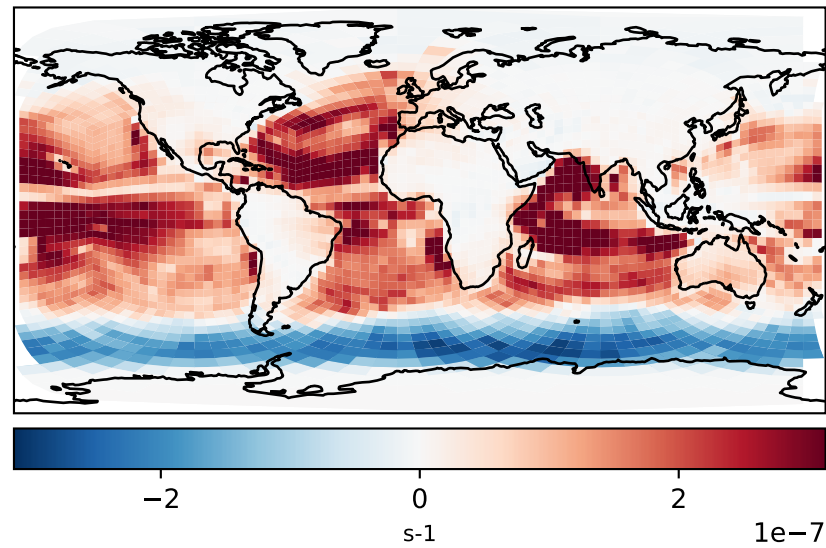
Raw GEOS-FP input, 3-hr winds (Dev)
c24



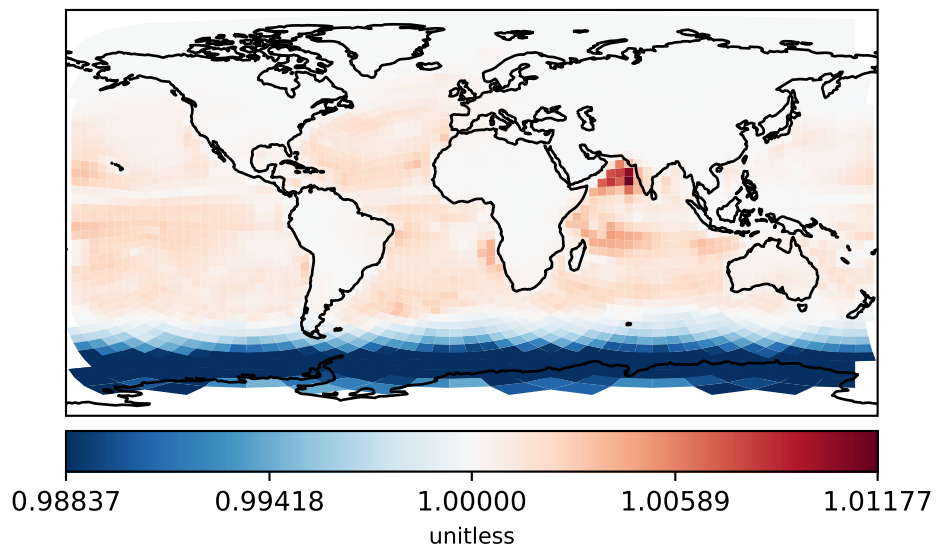
Difference
Dev - Ref, Dynamic Range



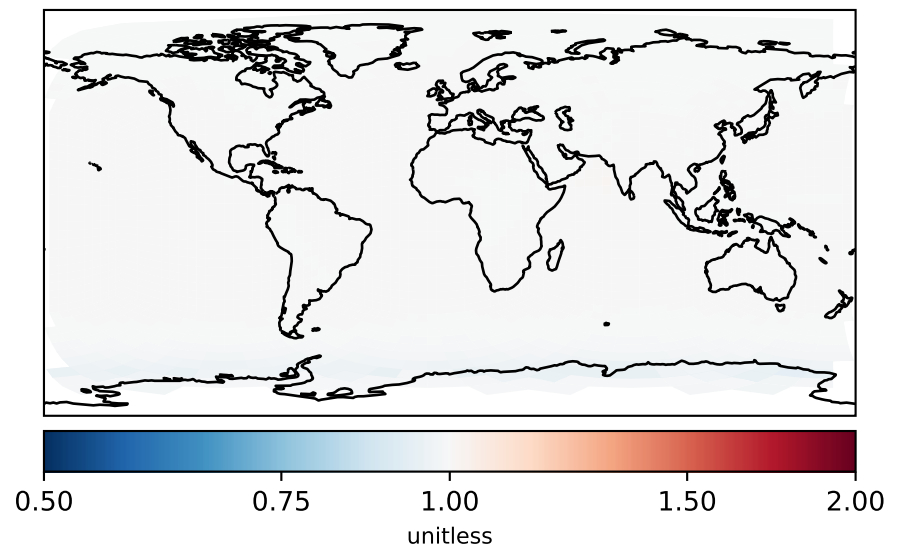
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

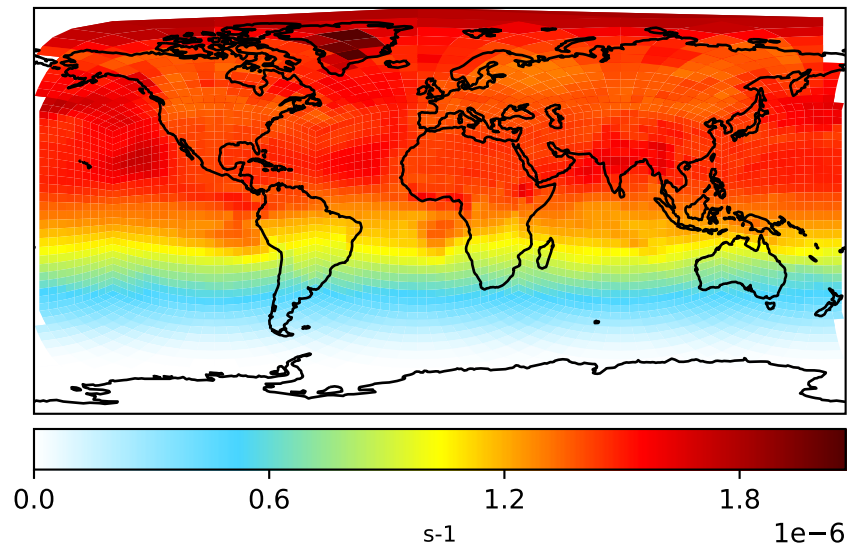


Ratio
Dev/Ref, Fixed Range

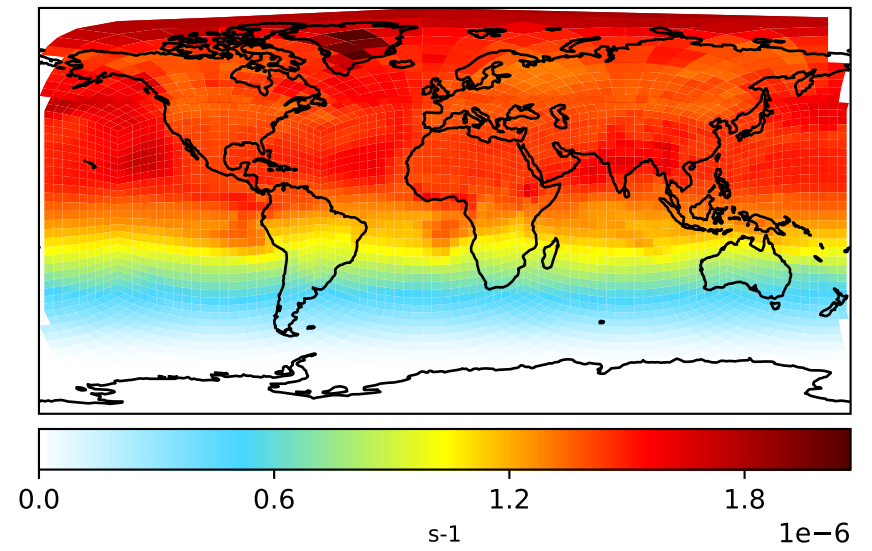


Jval_MONITS

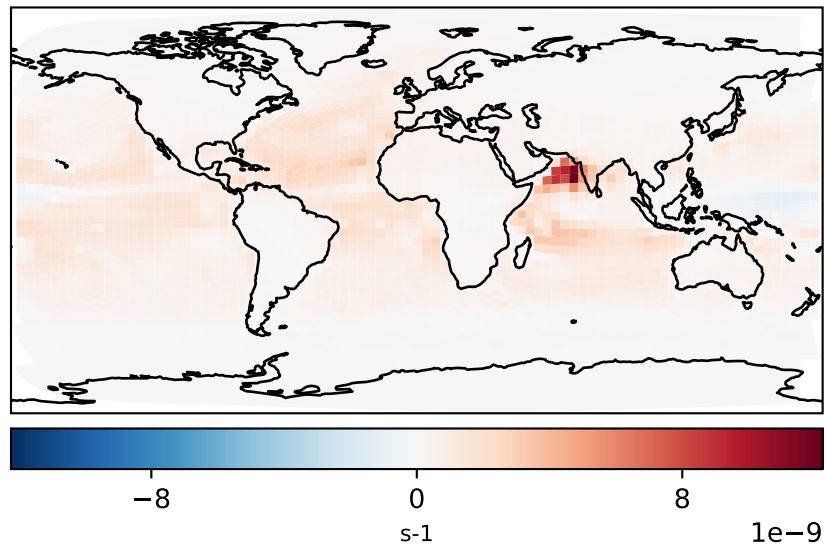
Processed GEOS-FP input, 3-hr winds (Ref)
c24



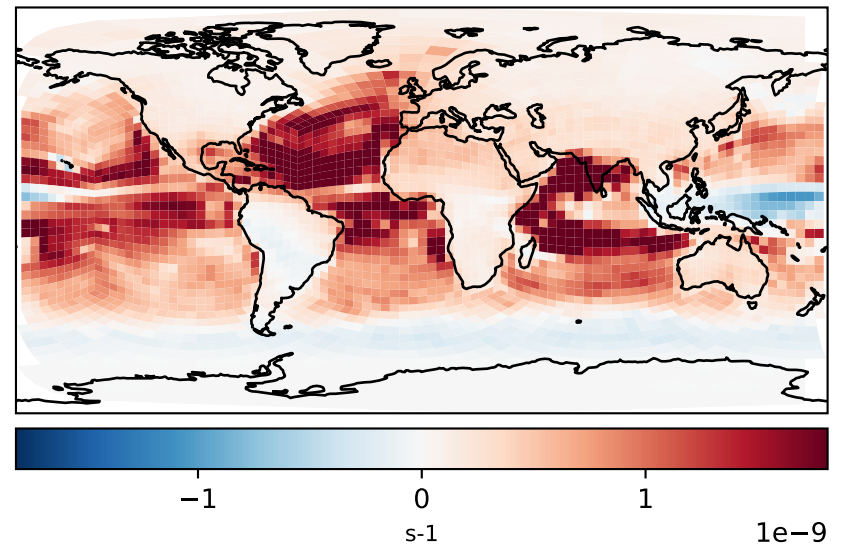
Raw GEOS-FP input, 3-hr winds (Dev)
c24



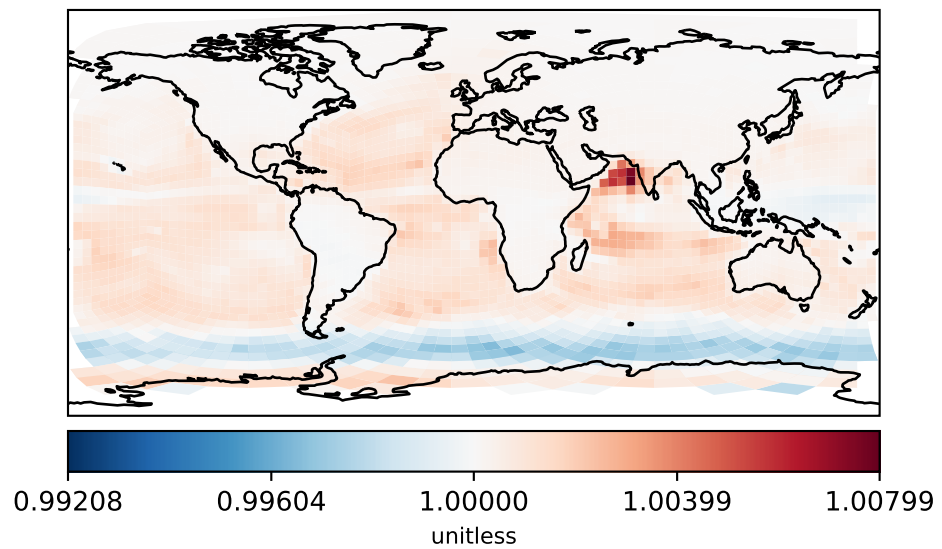
Difference
Dev - Ref, Dynamic Range



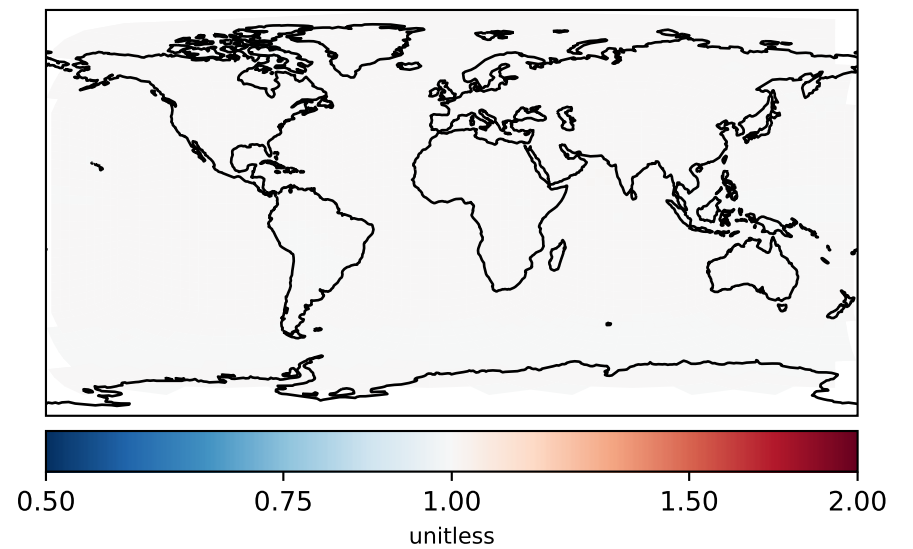
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

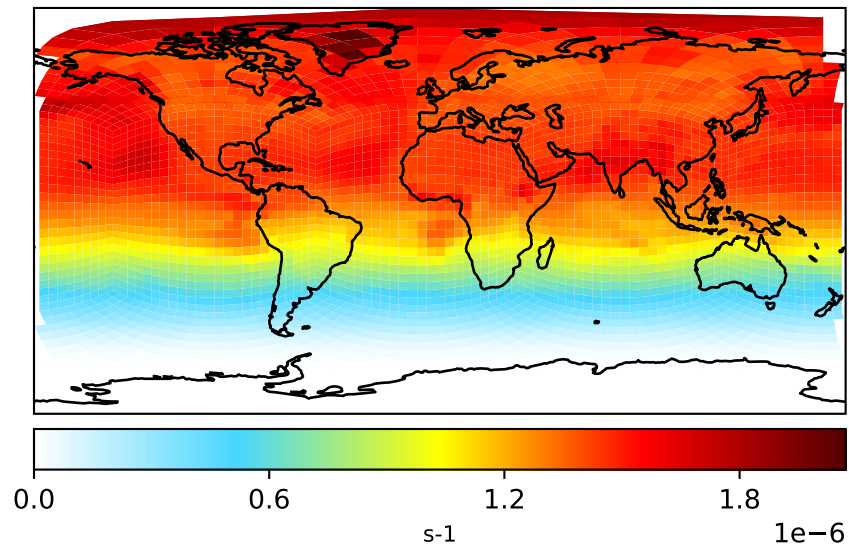


Ratio
Dev/Ref, Fixed Range

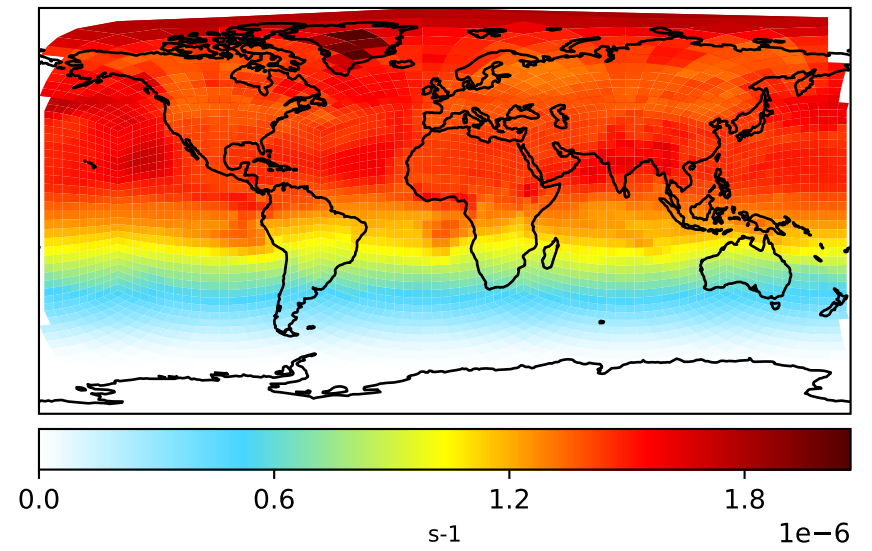


Jval_MONITU

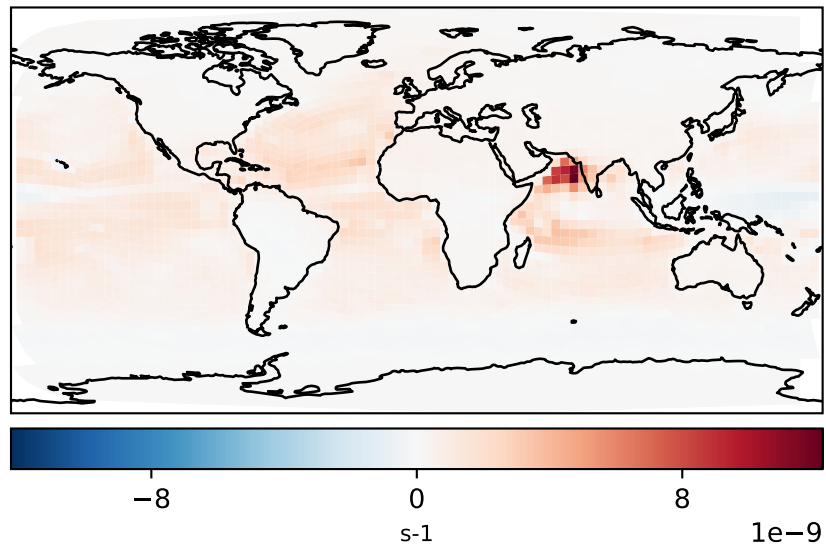
Processed GEOS-FP input, 3-hr winds (Ref)
c24



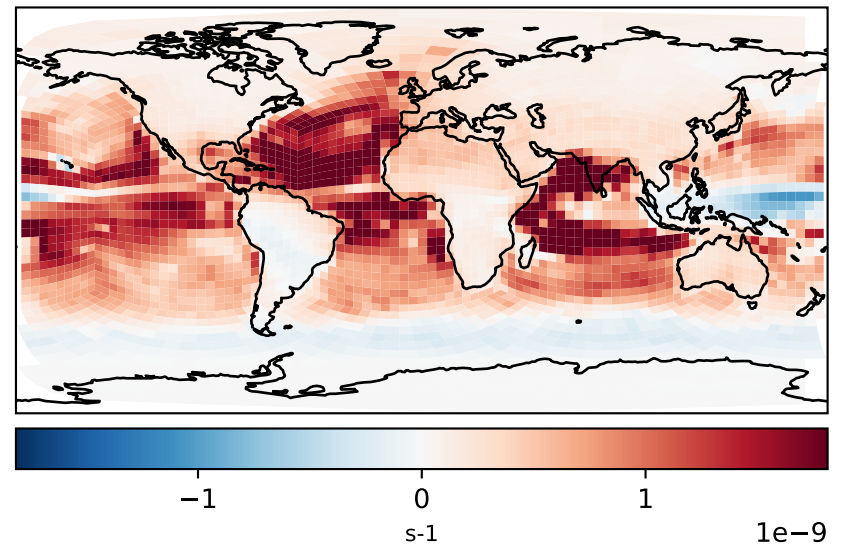
Raw GEOS-FP input, 3-hr winds (Dev)
c24



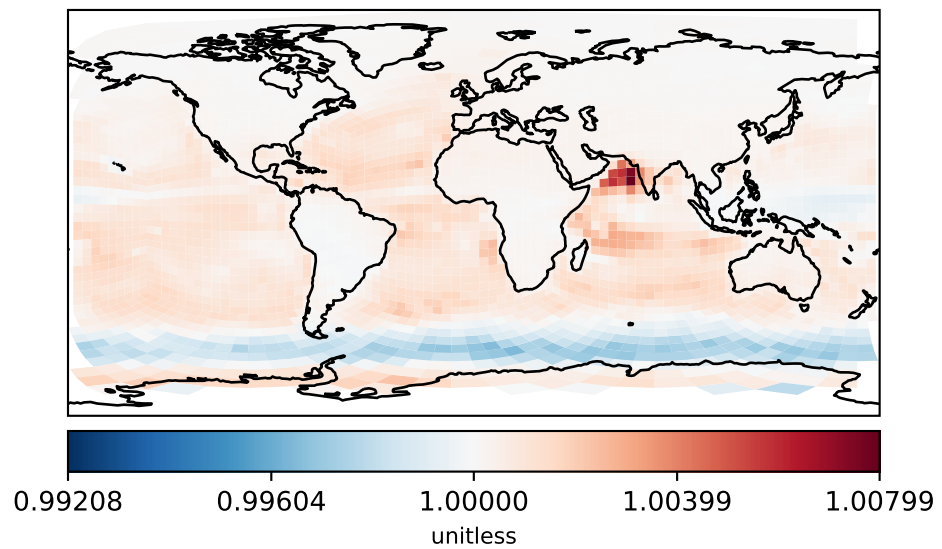
Difference
Dev - Ref, Dynamic Range



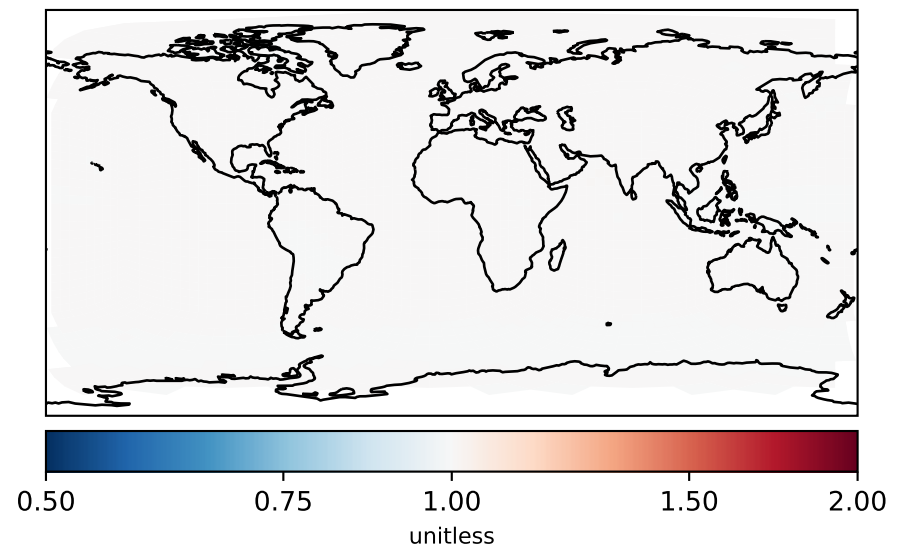
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

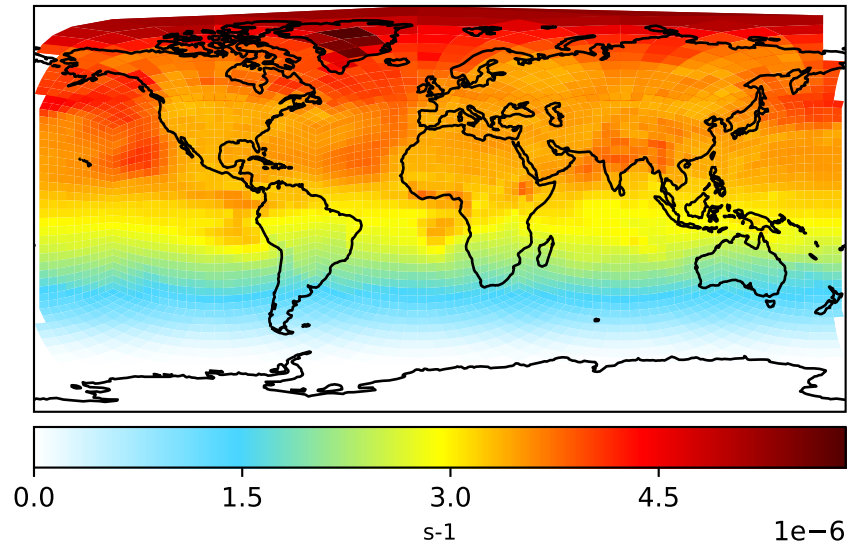


Ratio
Dev/Ref, Fixed Range

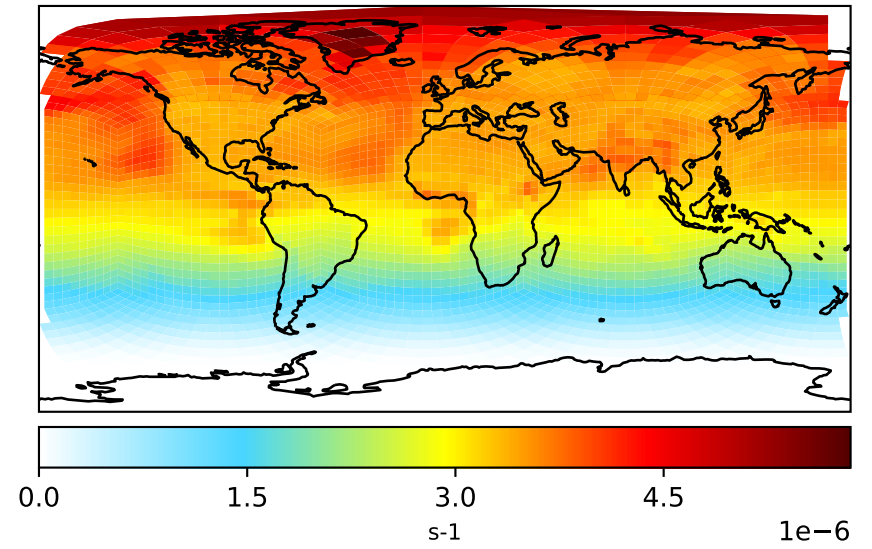


Jval_MP

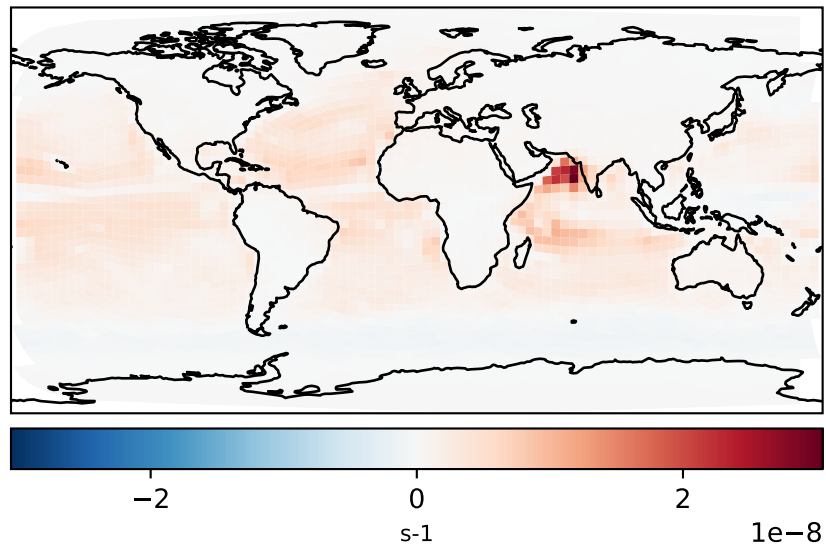
Processed GEOS-FP input, 3-hr winds (Ref)
c24



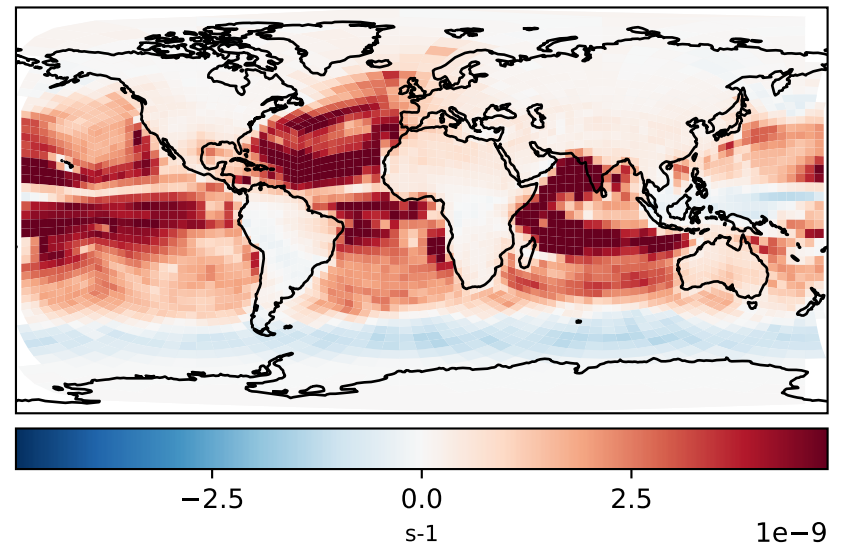
Raw GEOS-FP input, 3-hr winds (Dev)
c24



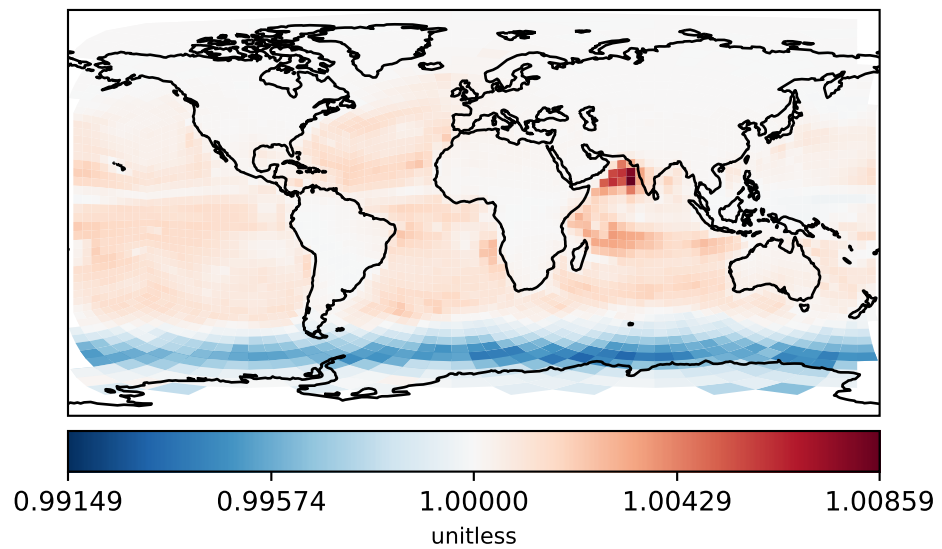
Difference
Dev - Ref, Dynamic Range



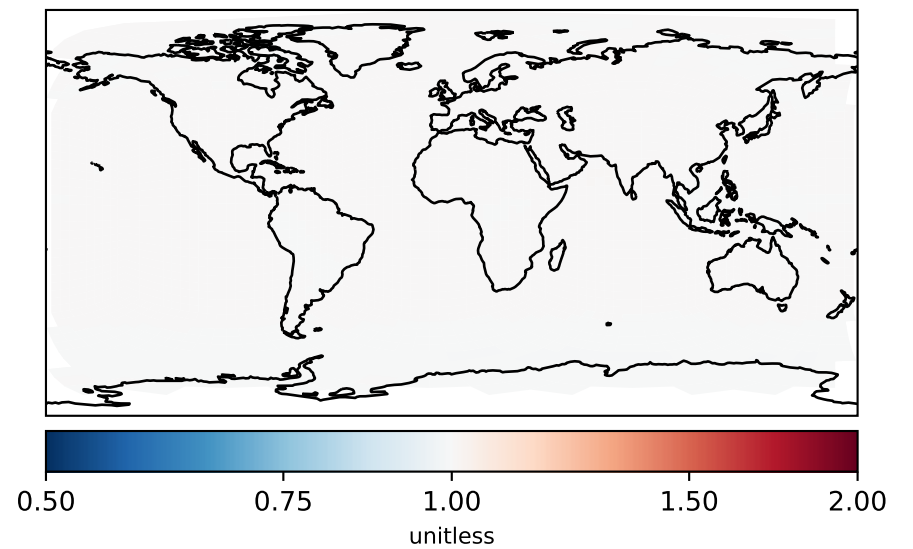
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

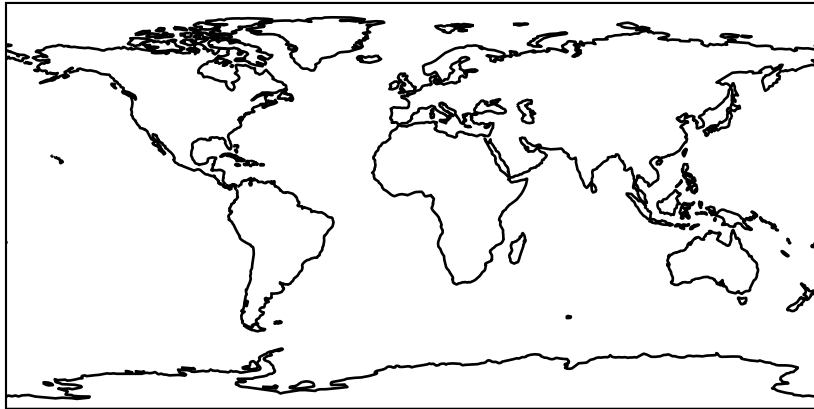


Ratio
Dev/Ref, Fixed Range



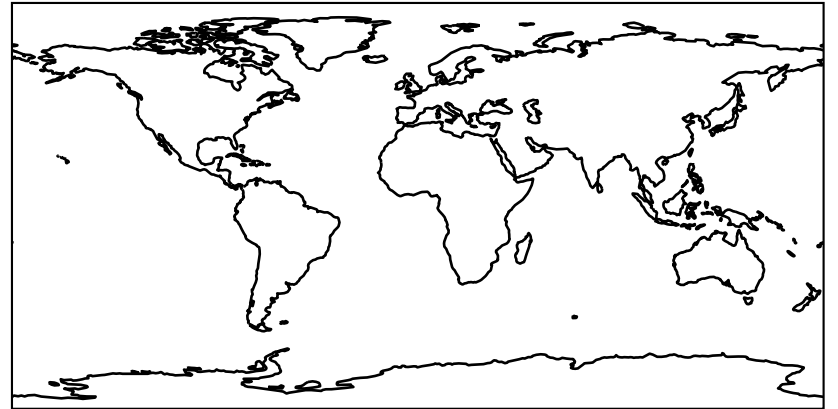
Jval_MPAN

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



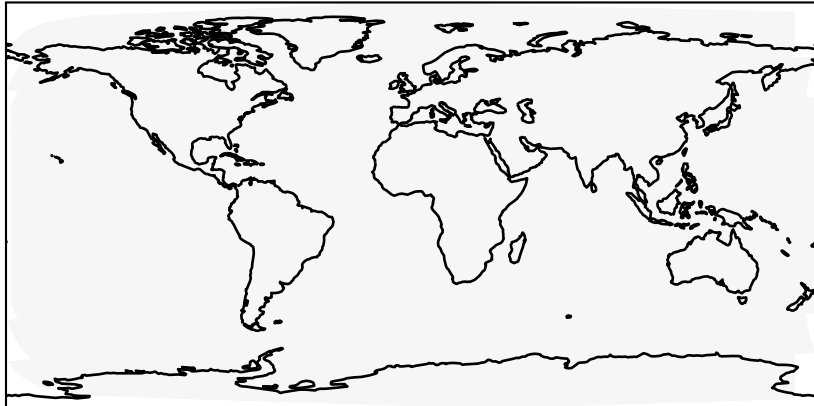
Zero throughout domain
s-1

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



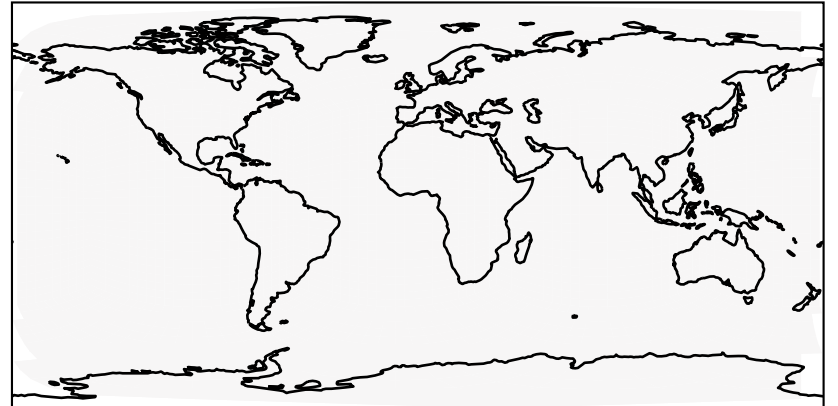
Zero throughout domain
s-1

Difference
Dev - Ref, Dynamic Range



Zero throughout domain
s-1

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



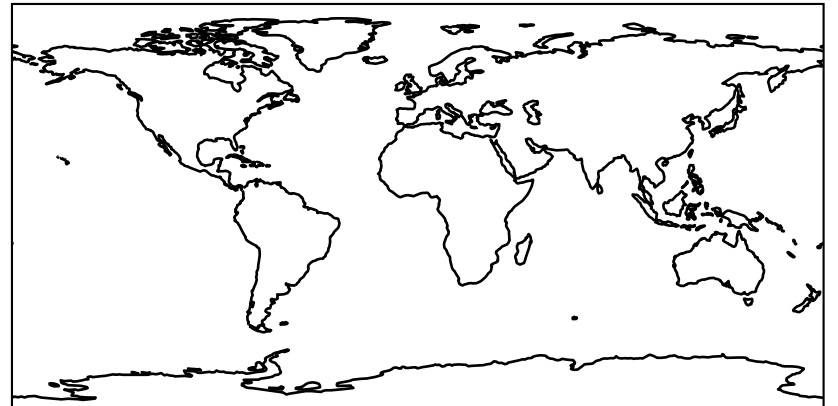
Zero throughout domain
s-1

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

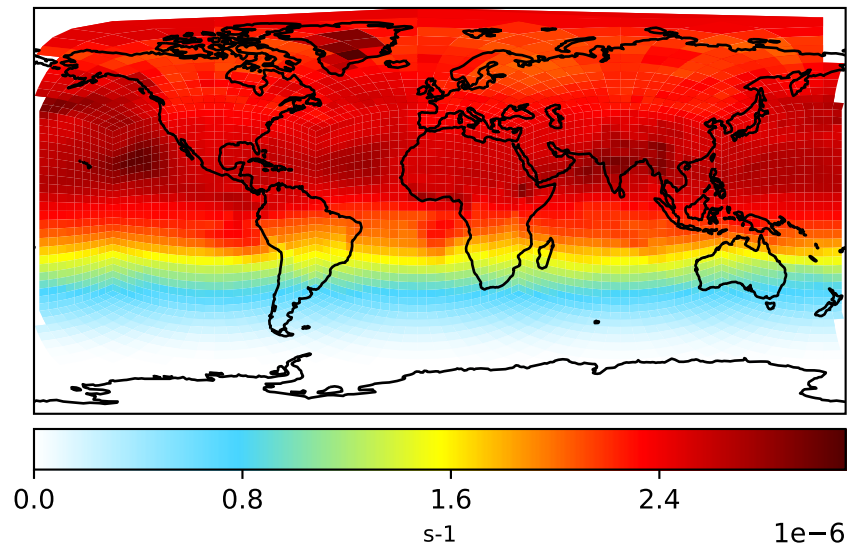
Ratio
Dev/Ref, Fixed Range



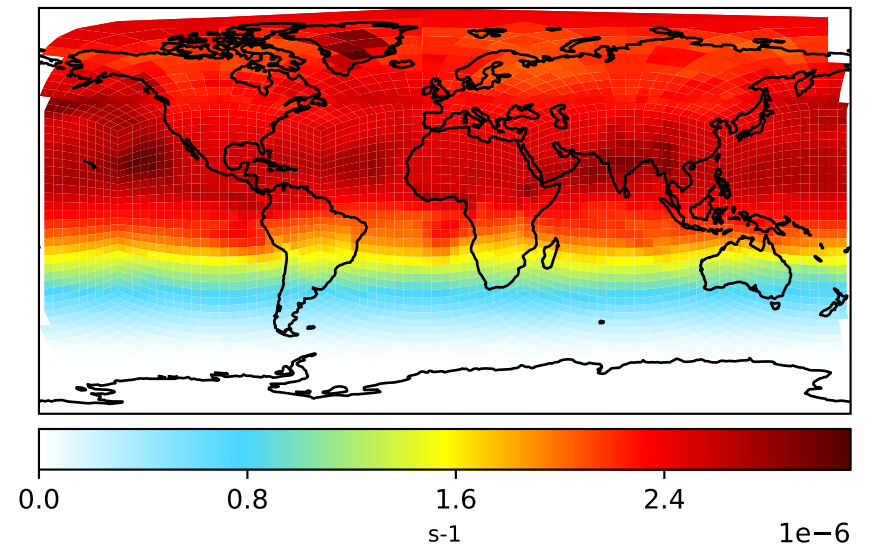
Undefined throughout domain
unitless

Jval_MPN

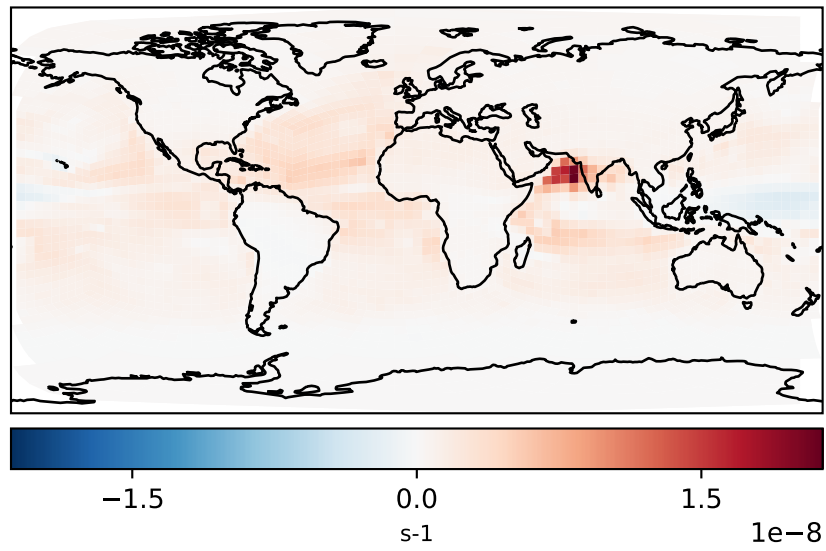
Processed GEOS-FP input, 3-hr winds (Ref)
c24



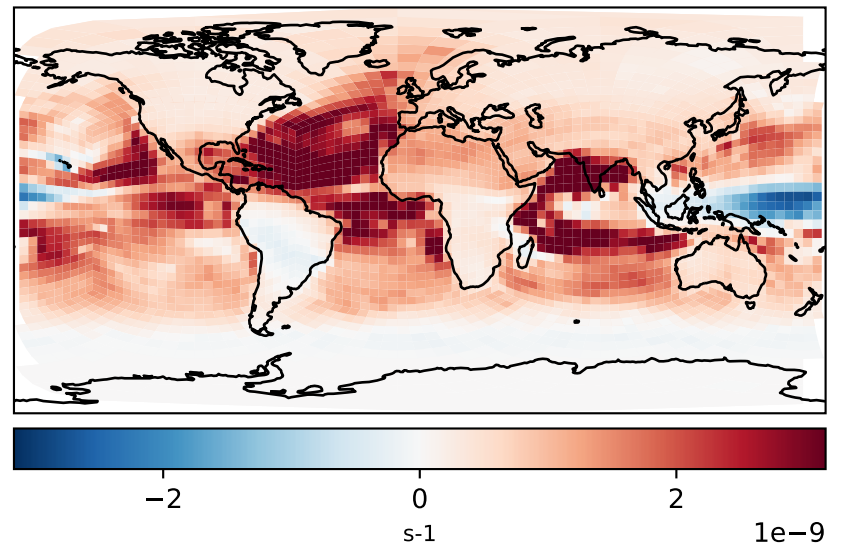
Raw GEOS-FP input, 3-hr winds (Dev)
c24



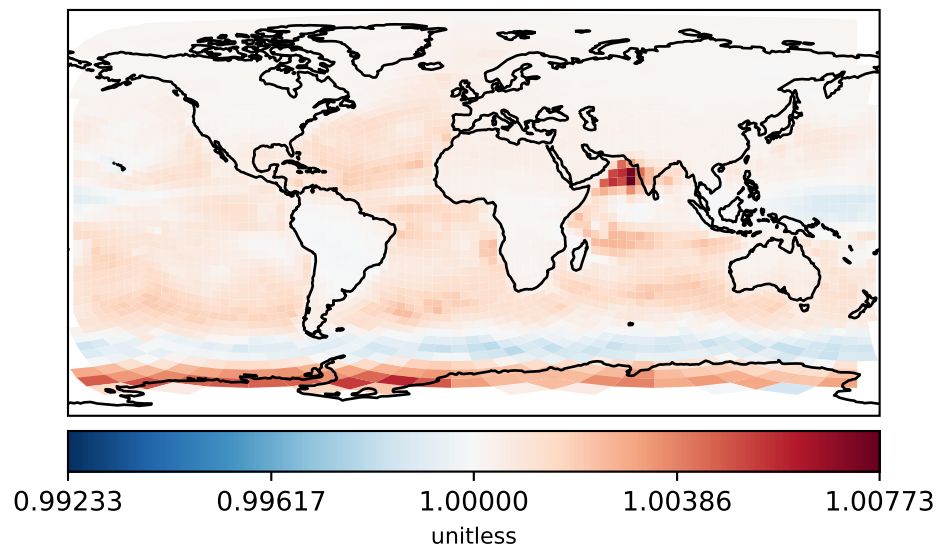
Difference
Dev - Ref, Dynamic Range



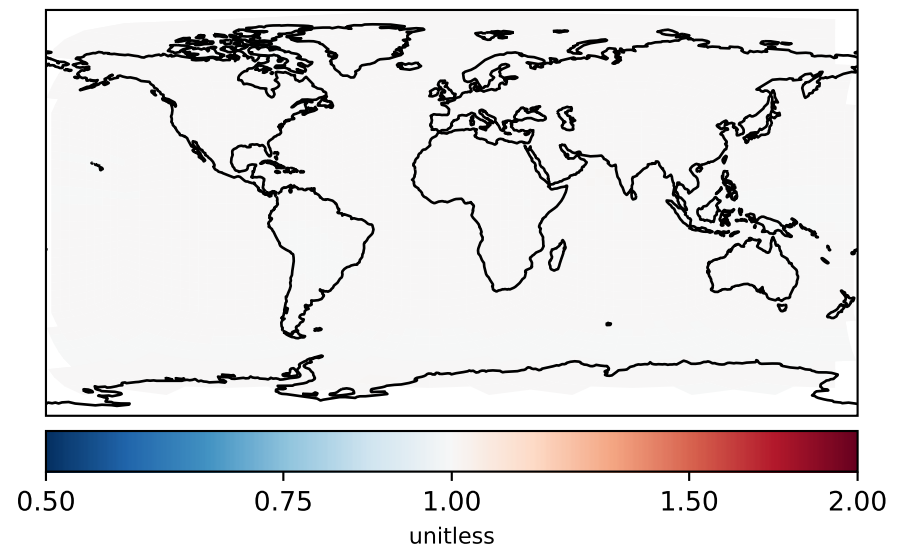
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

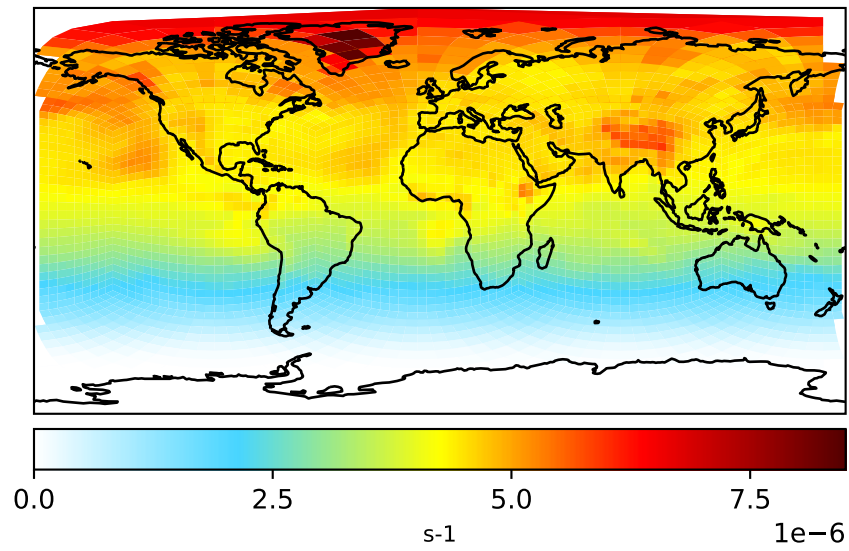


Ratio
Dev/Ref, Fixed Range

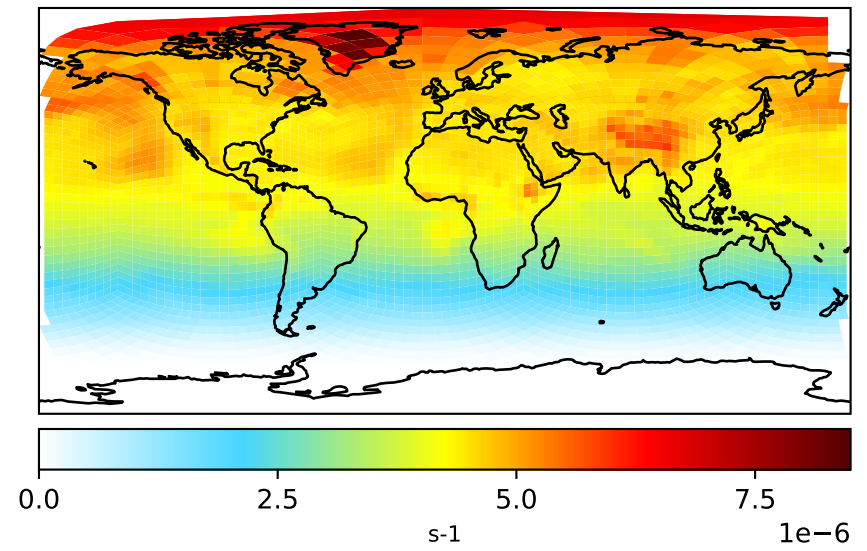


Jval_MVK

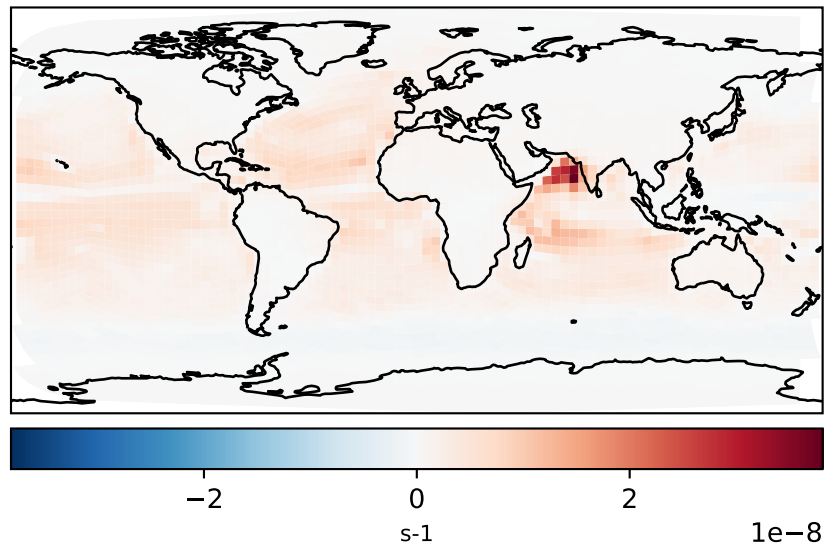
Processed GEOS-FP input, 3-hr winds (Ref)
c24



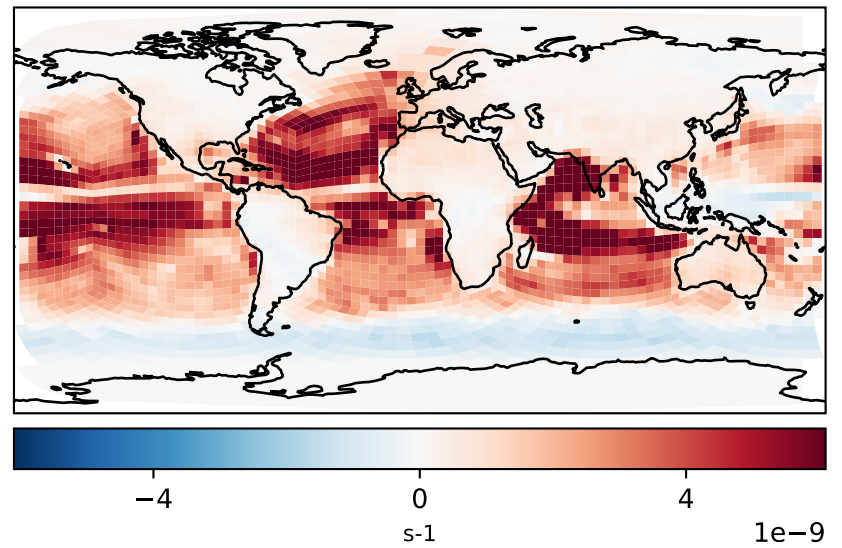
Raw GEOS-FP input, 3-hr winds (Dev)
c24



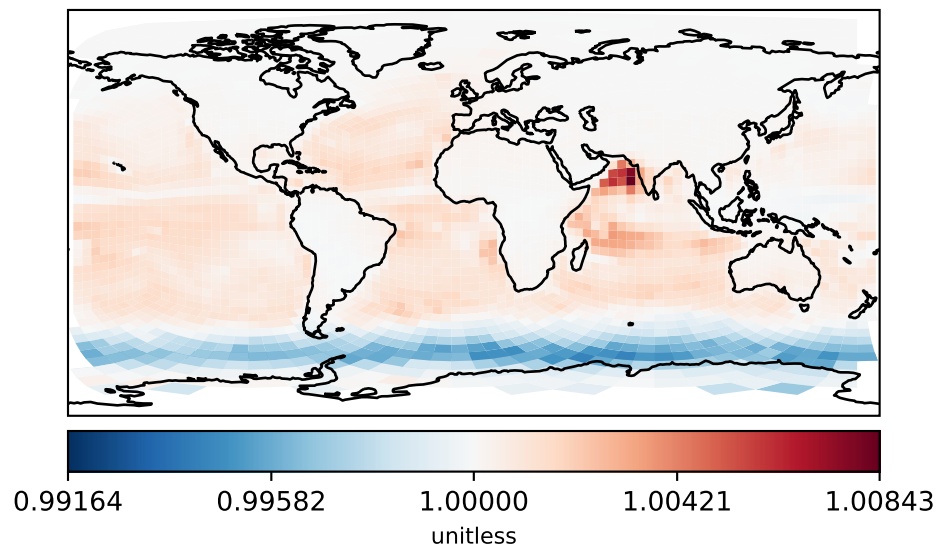
Difference
Dev - Ref, Dynamic Range



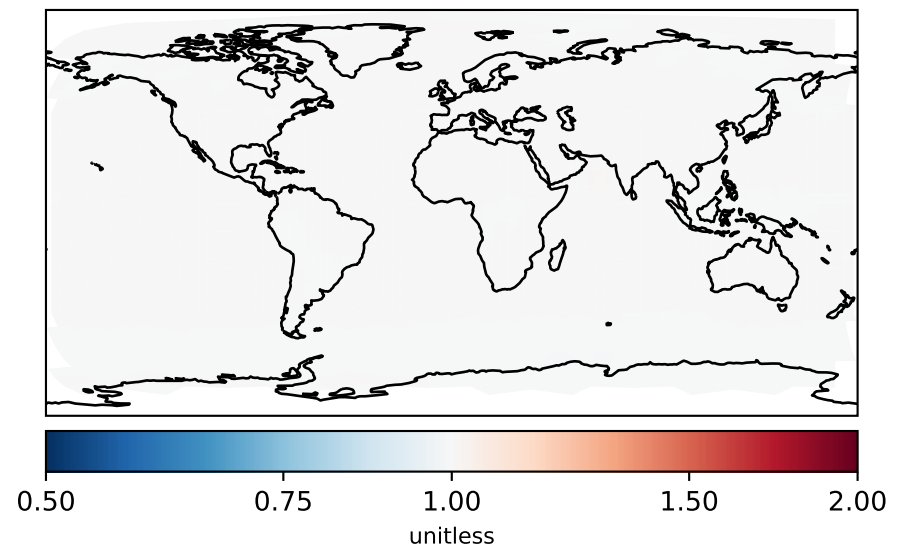
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

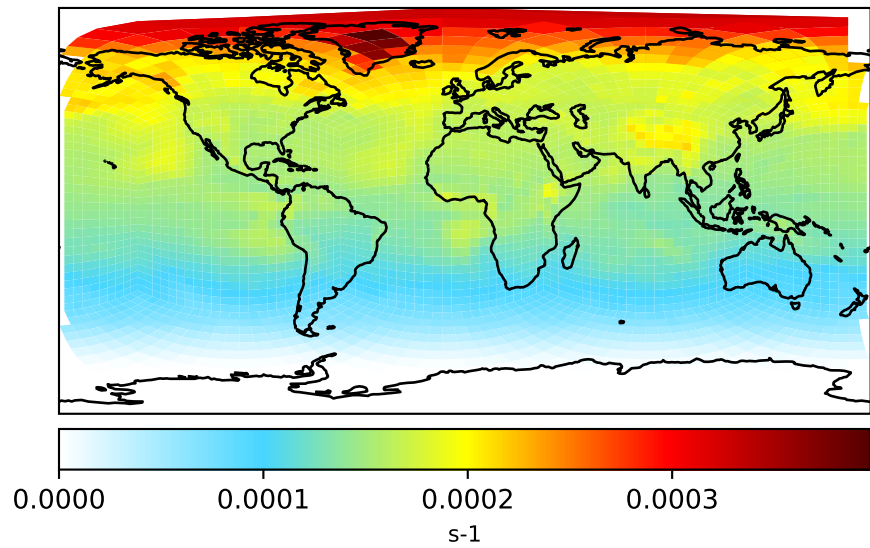


Ratio
Dev/Ref, Fixed Range

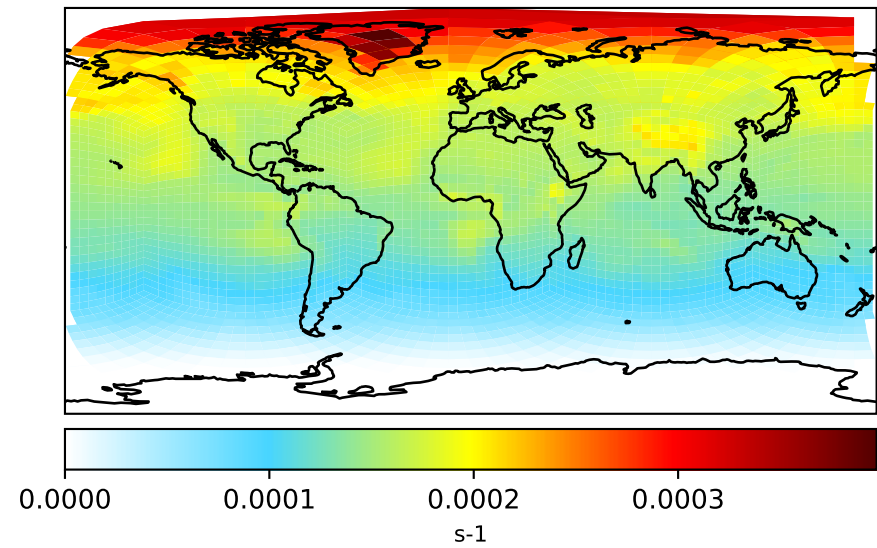


Jval_MVKHC

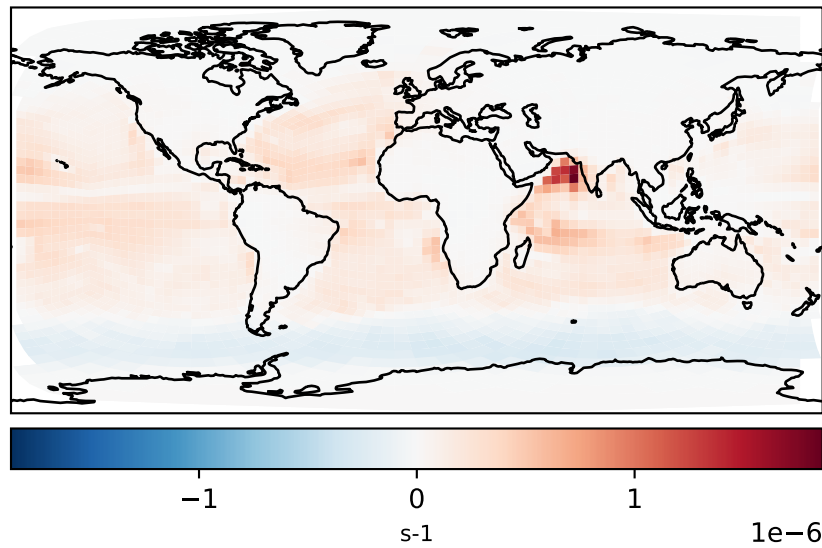
Processed GEOS-FP input, 3-hr winds (Ref)
c24



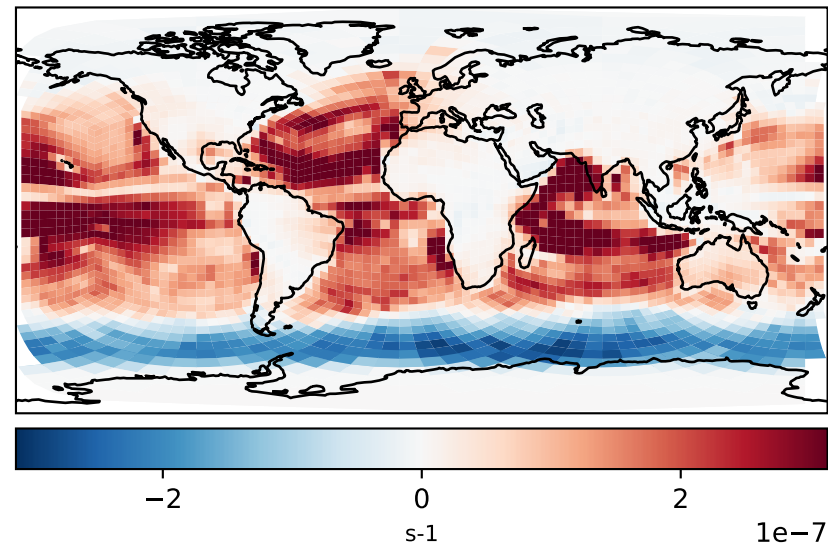
Raw GEOS-FP input, 3-hr winds (Dev)
c24



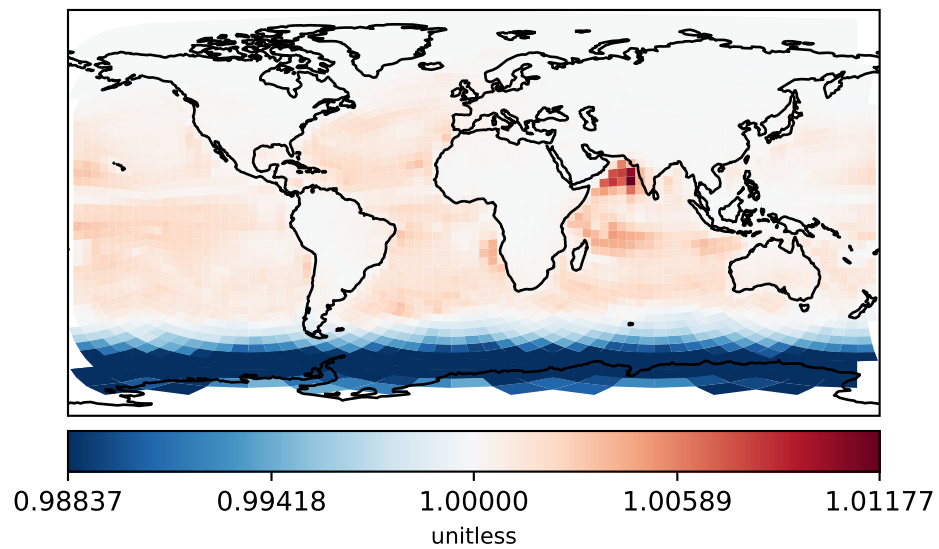
Difference
Dev - Ref, Dynamic Range



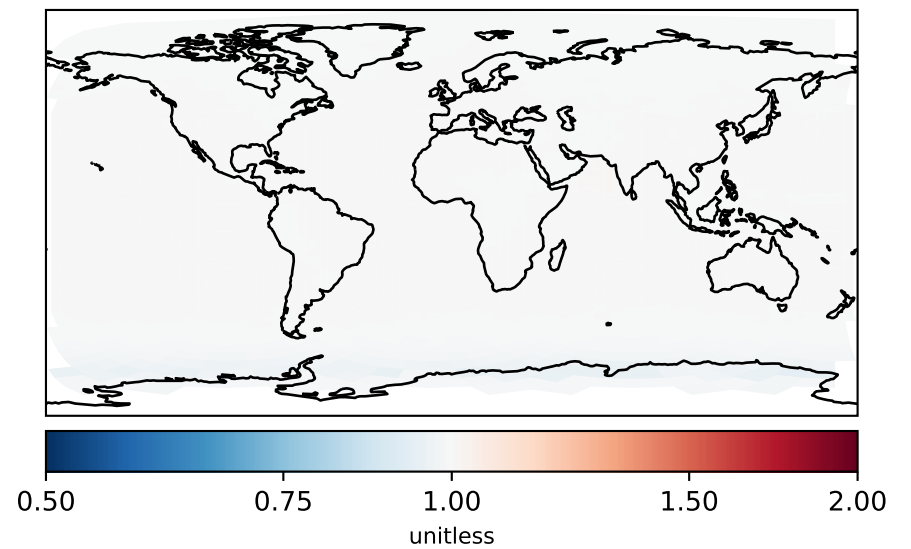
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

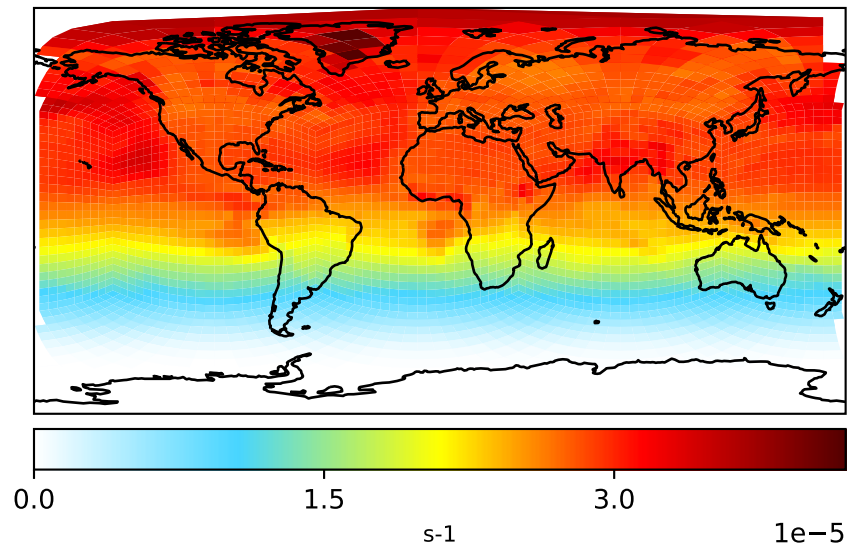


Ratio
Dev/Ref, Fixed Range

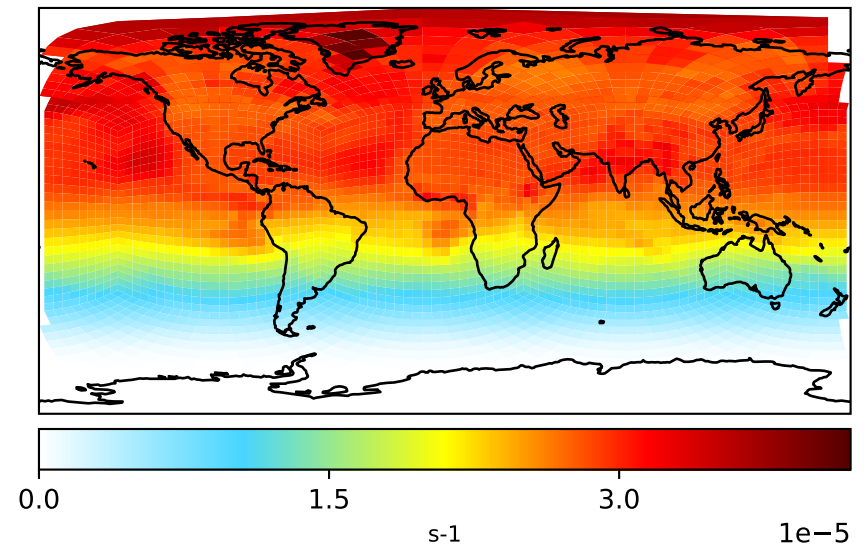


Jval_MVKHCB

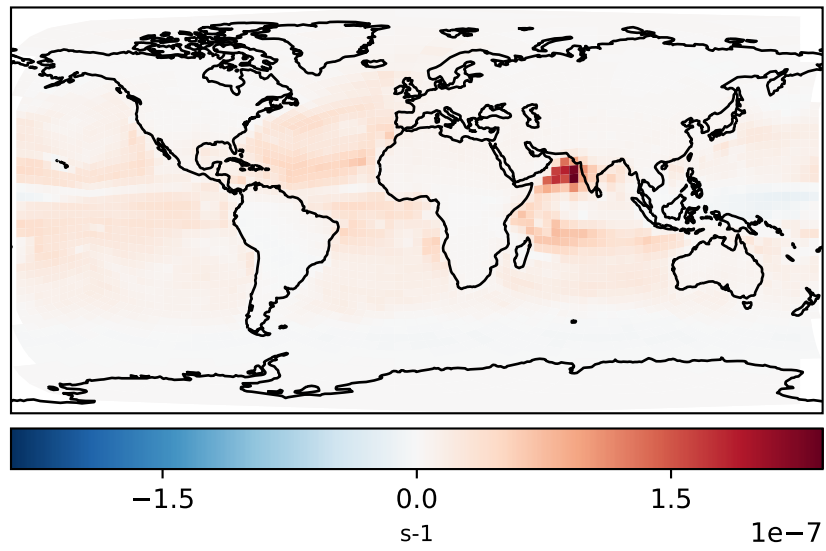
Processed GEOS-FP input, 3-hr winds (Ref)
c24



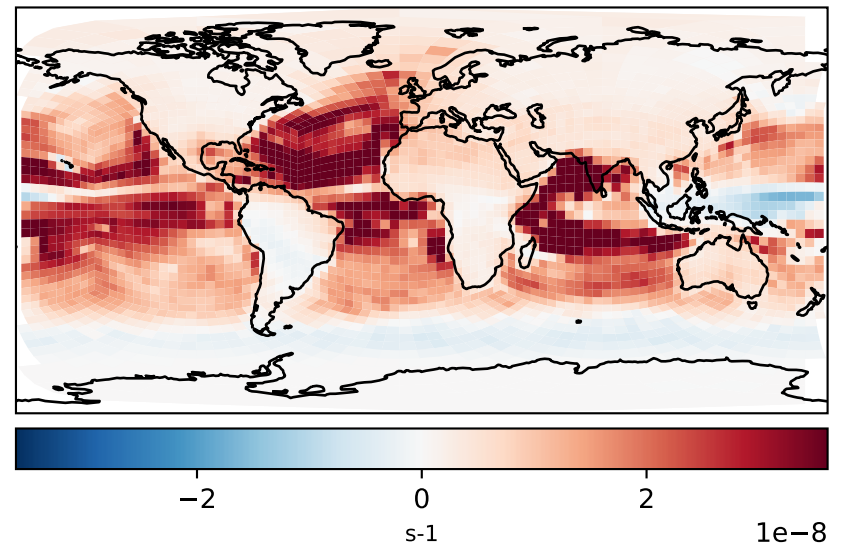
Raw GEOS-FP input, 3-hr winds (Dev)
c24



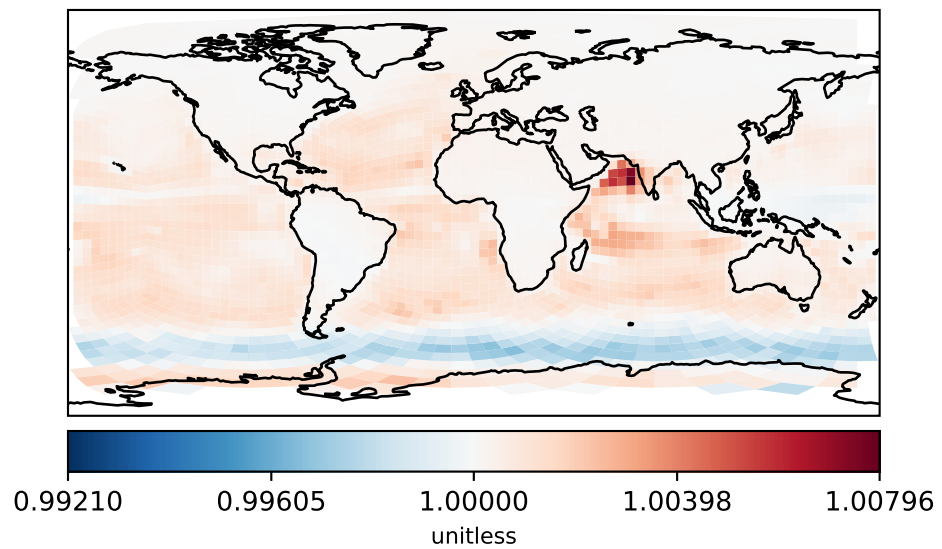
Difference
Dev - Ref, Dynamic Range



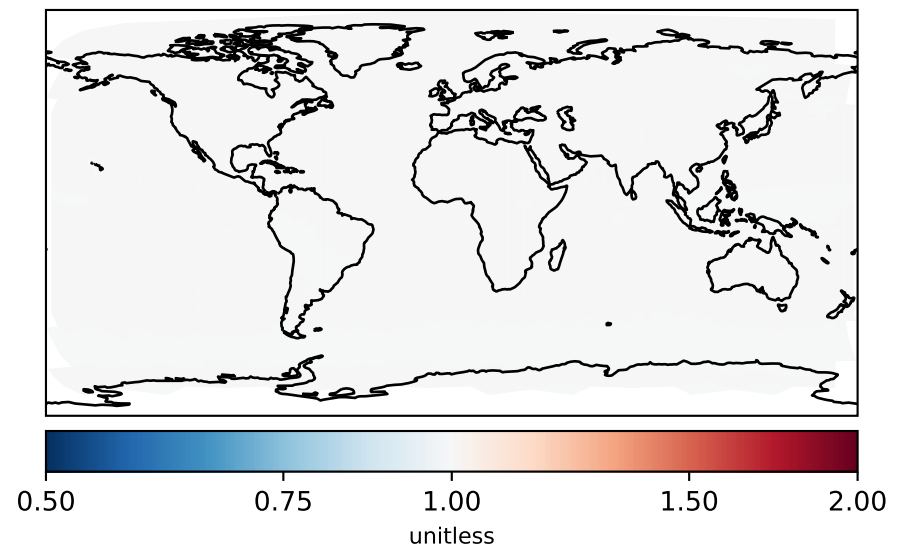
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

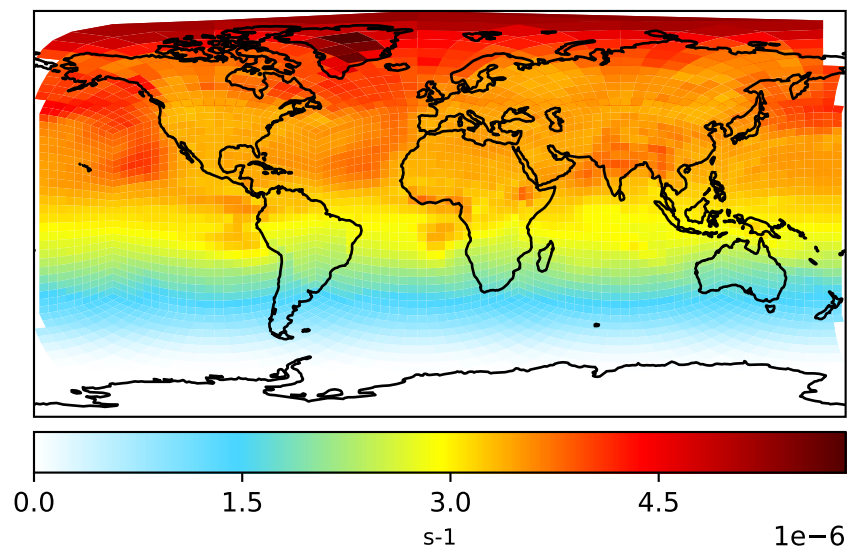


Ratio
Dev/Ref, Fixed Range

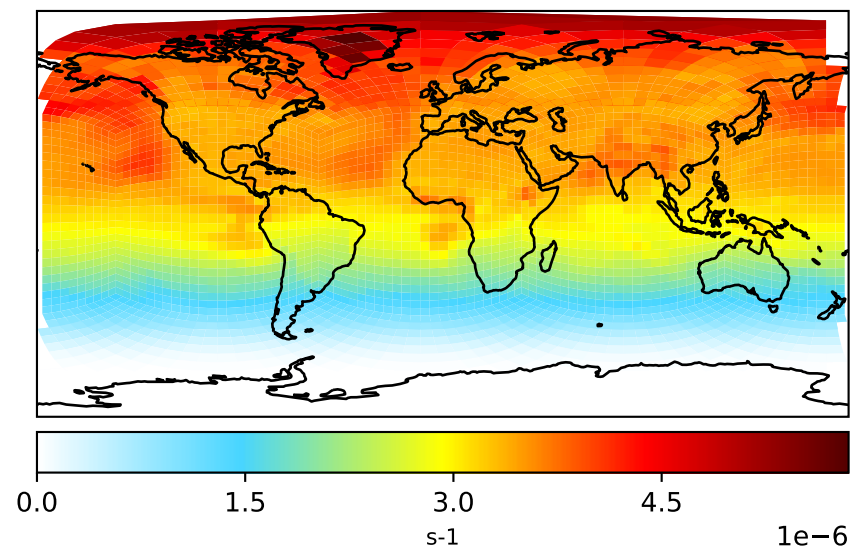


Jval_MVKHP

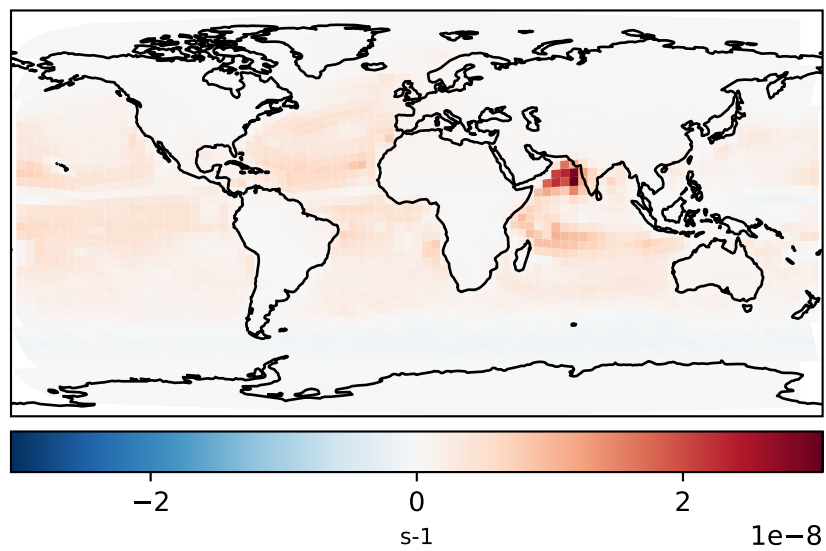
Processed GEOS-FP input, 3-hr winds (Ref)
c24



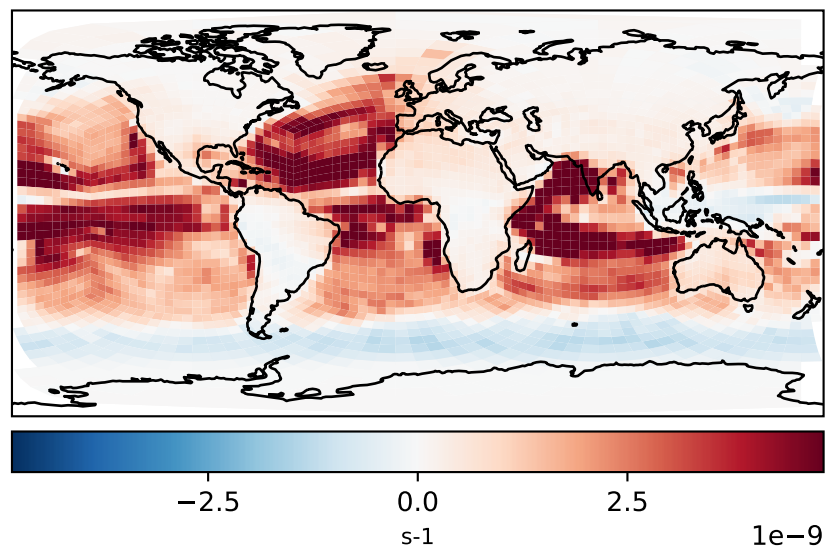
Raw GEOS-FP input, 3-hr winds (Dev)
c24



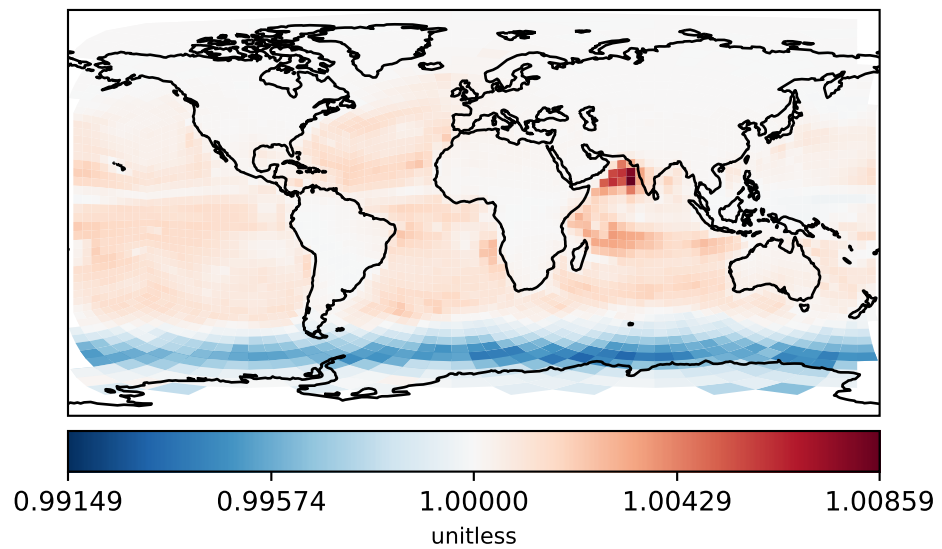
Difference
Dev - Ref, Dynamic Range



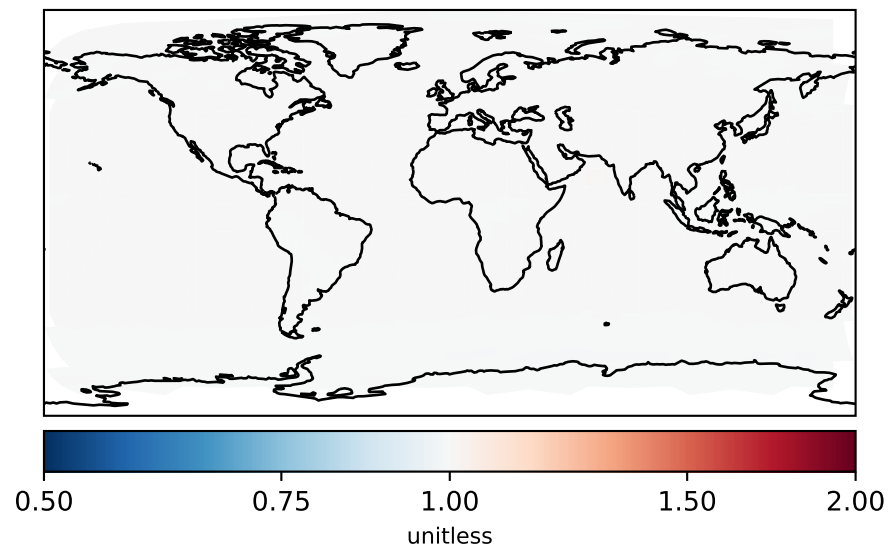
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

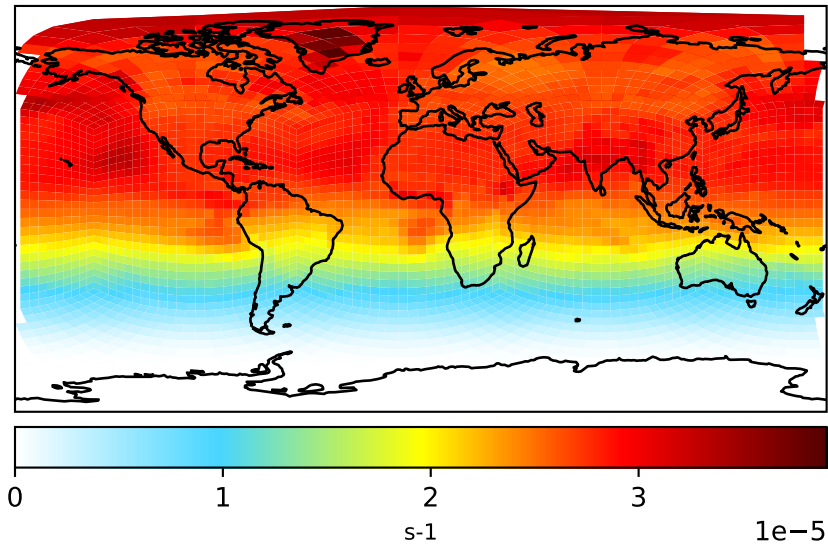


Ratio
Dev/Ref, Fixed Range

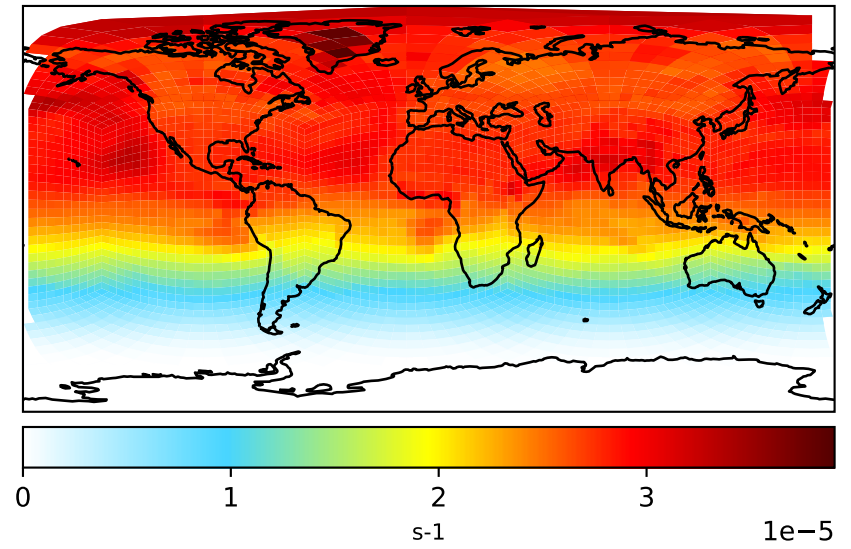


Jval_MVKN

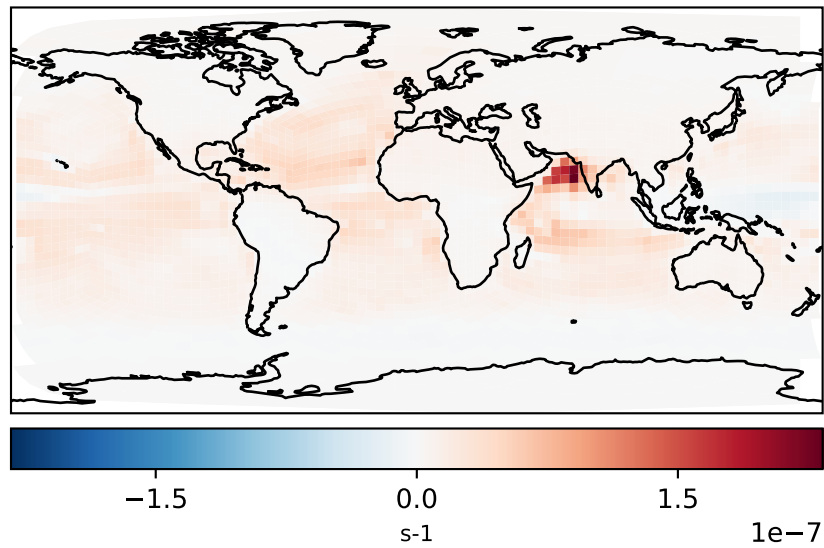
Processed GEOS-FP input, 3-hr winds (Ref)
c24



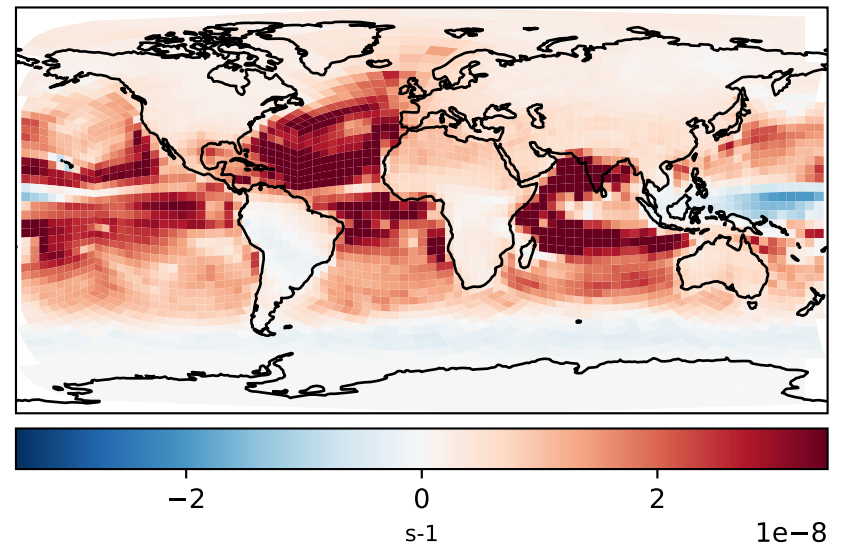
Raw GEOS-FP input, 3-hr winds (Dev)
c24



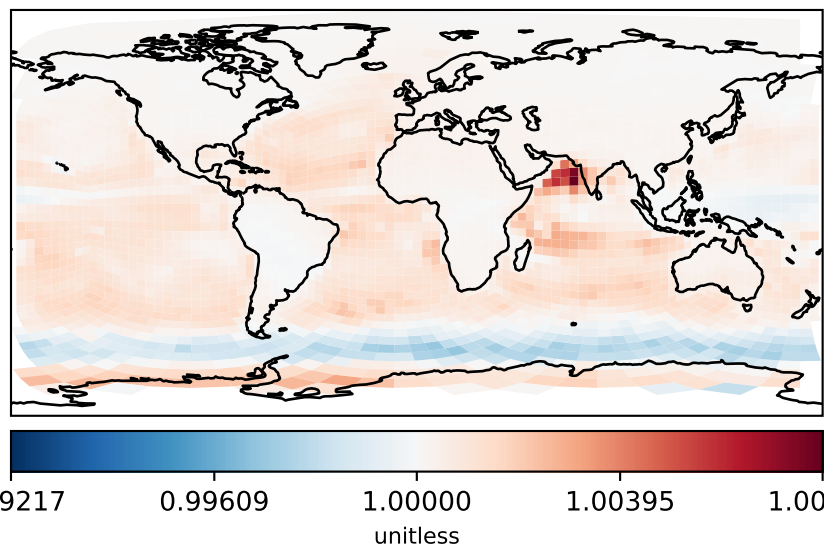
Difference
Dev - Ref, Dynamic Range



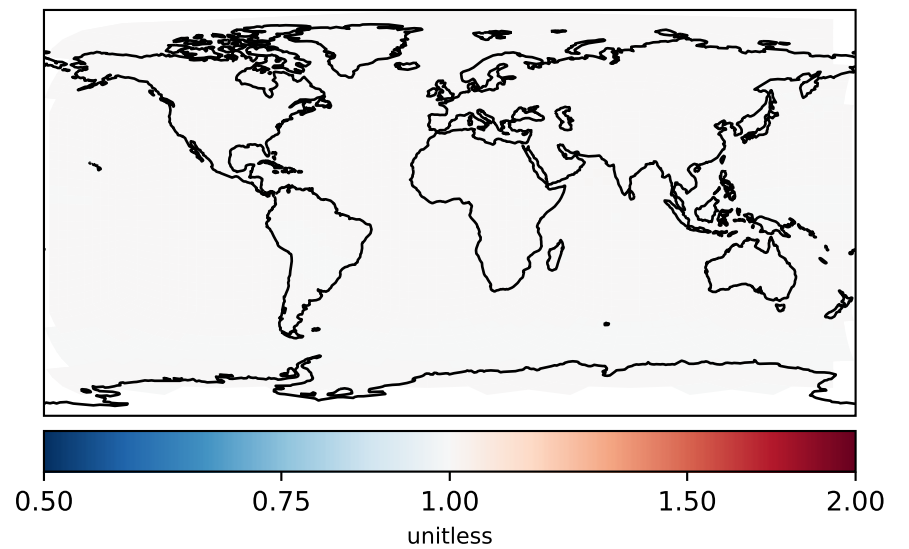
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

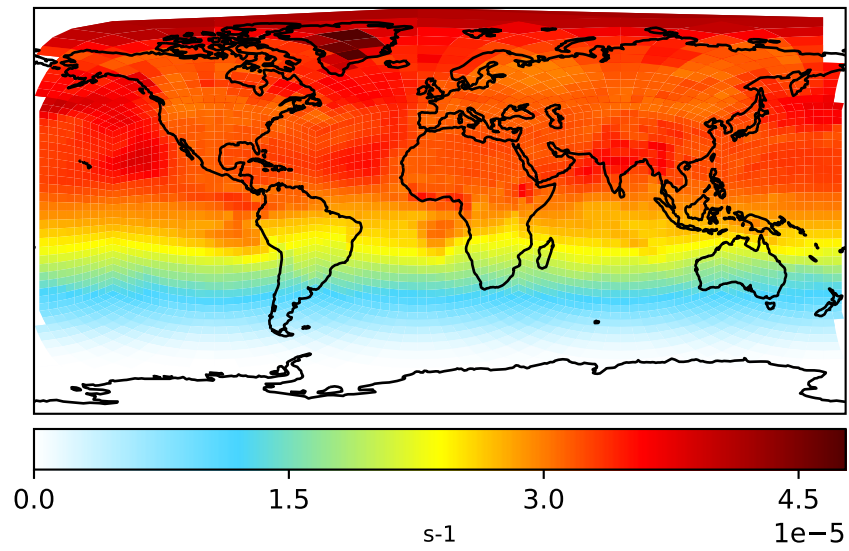


Ratio
Dev/Ref, Fixed Range

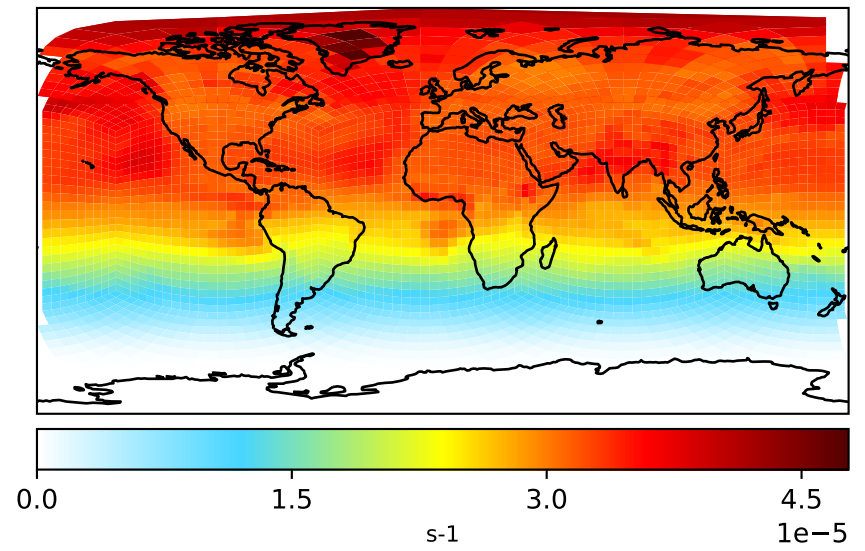


Jval_MVKPC

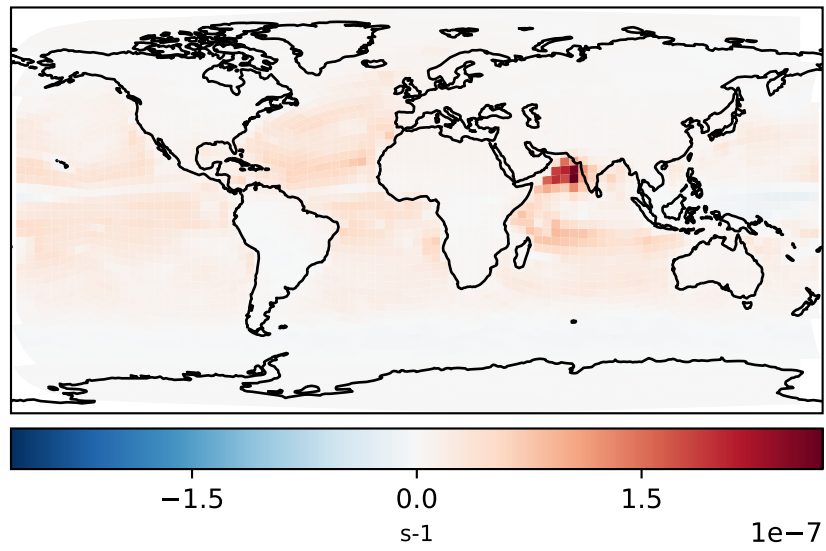
Processed GEOS-FP input, 3-hr winds (Ref)
c24



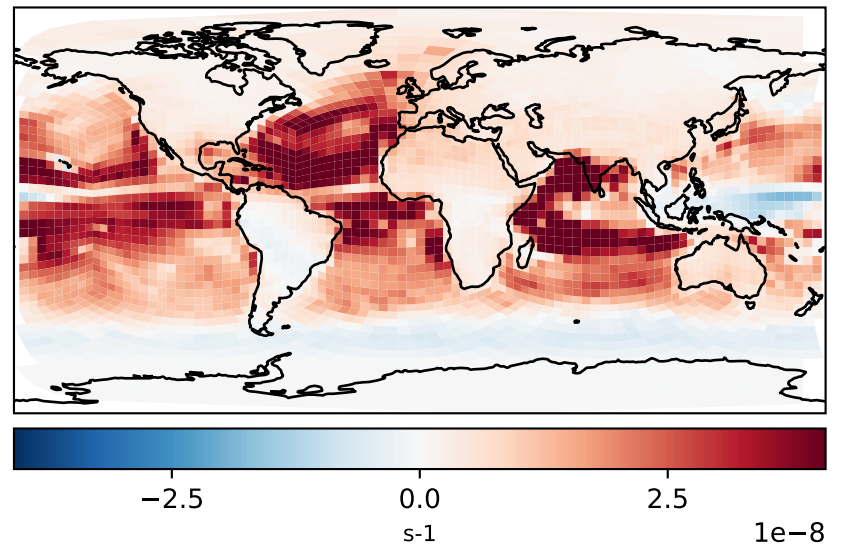
Raw GEOS-FP input, 3-hr winds (Dev)
c24



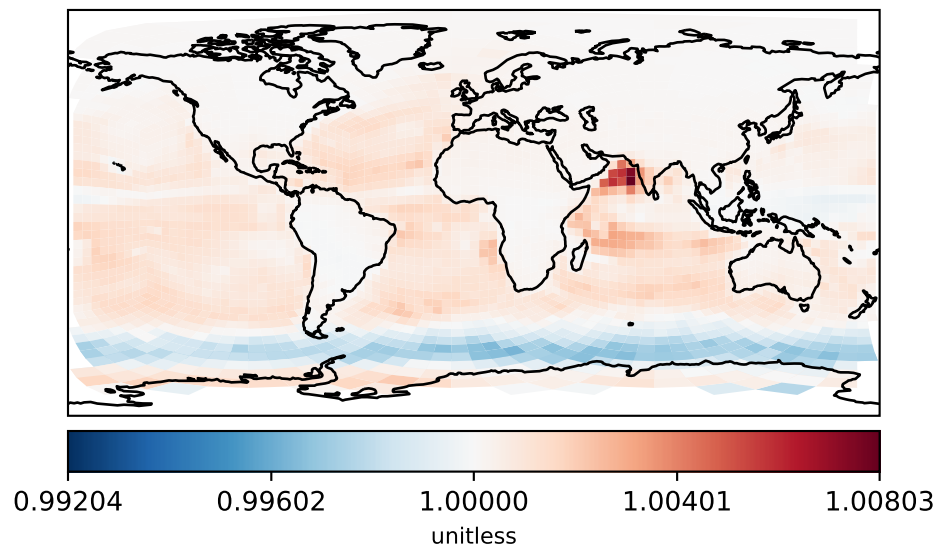
Difference
Dev - Ref, Dynamic Range



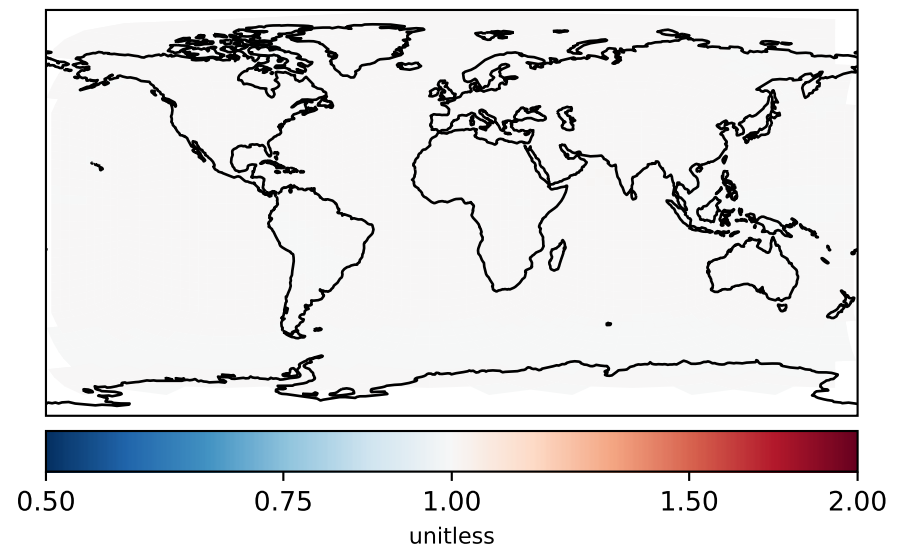
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

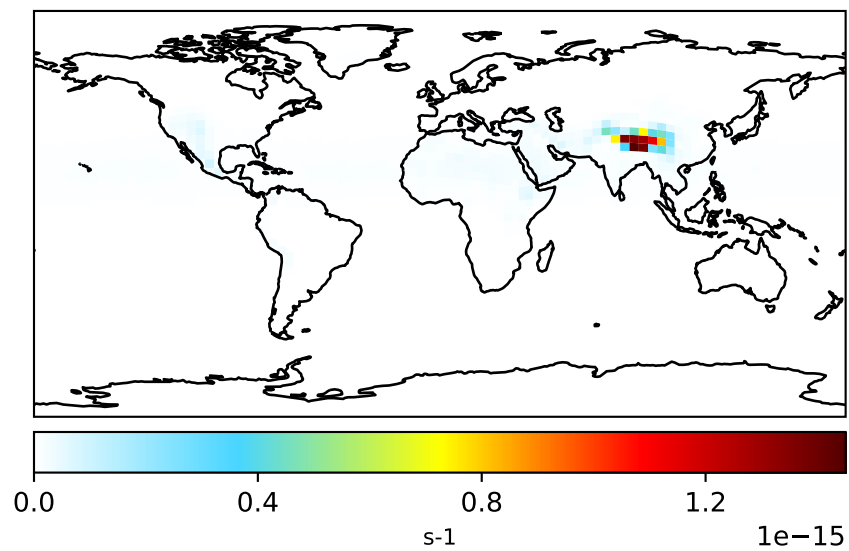


Ratio
Dev/Ref, Fixed Range

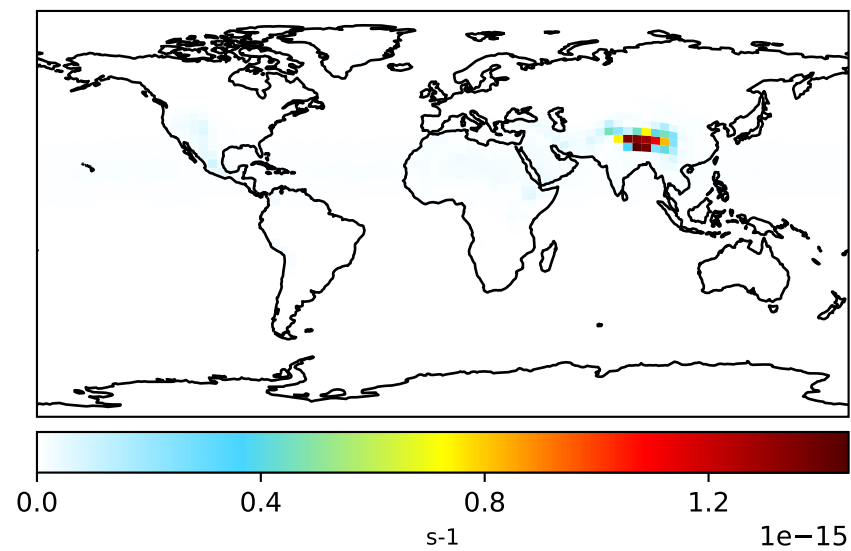


Jval_N20

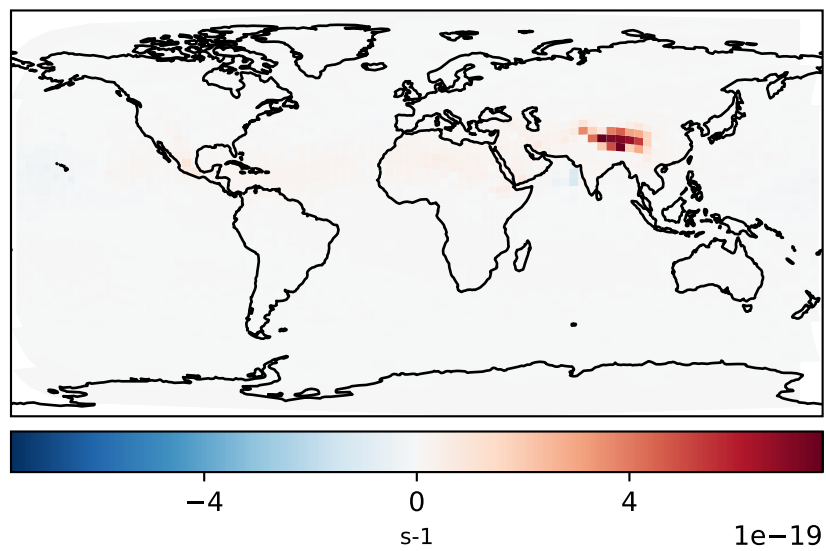
Processed GEOS-FP input, 3-hr winds (Ref)
c24



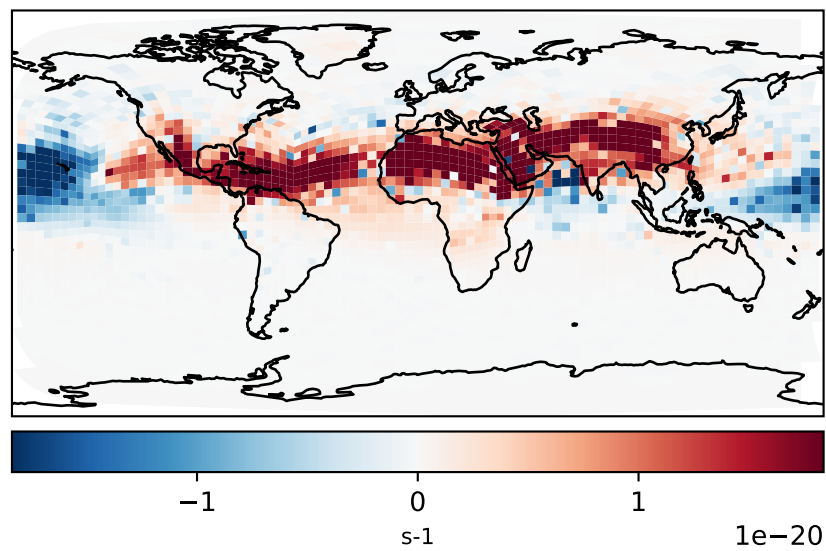
Raw GEOS-FP input, 3-hr winds (Dev)
c24



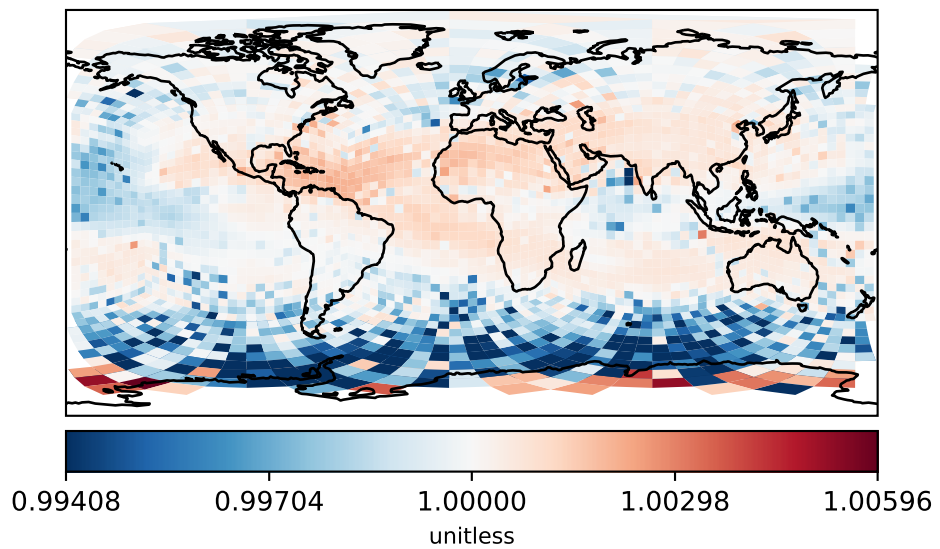
Difference
Dev - Ref, Dynamic Range



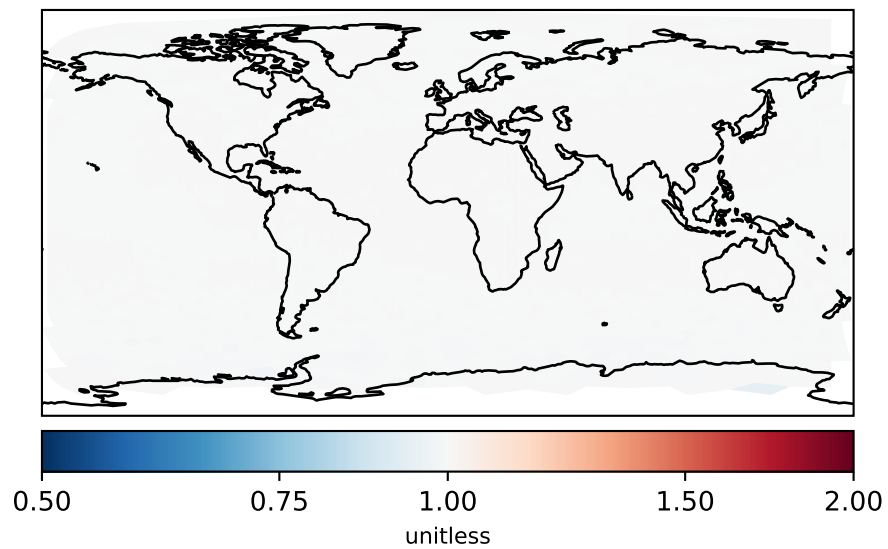
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

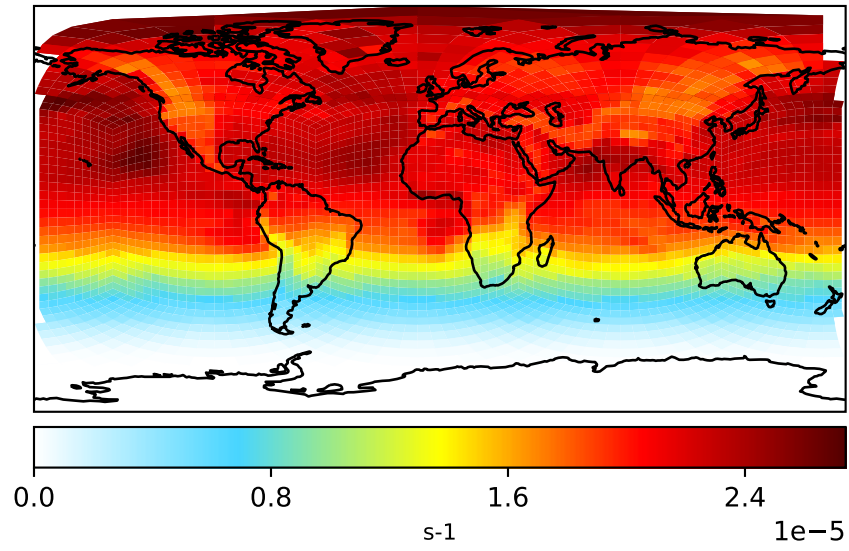


Ratio
Dev/Ref, Fixed Range

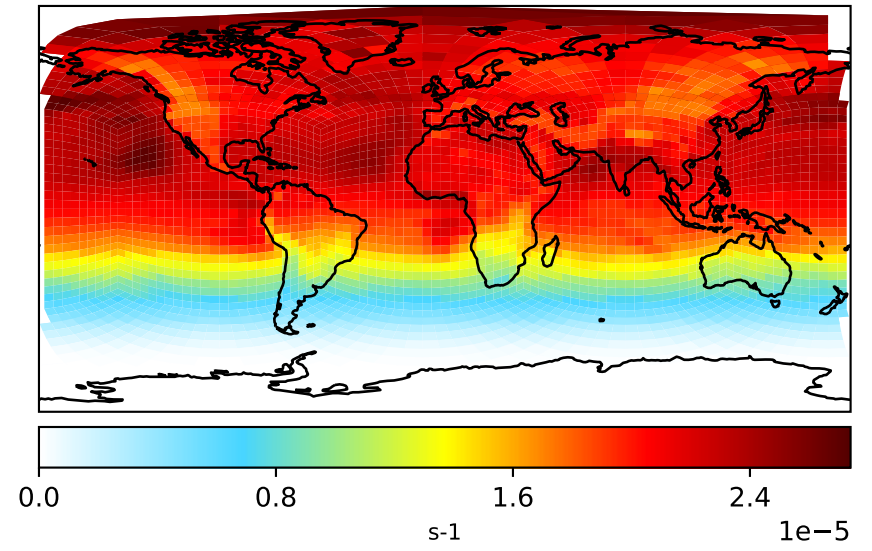


Jval_N2005

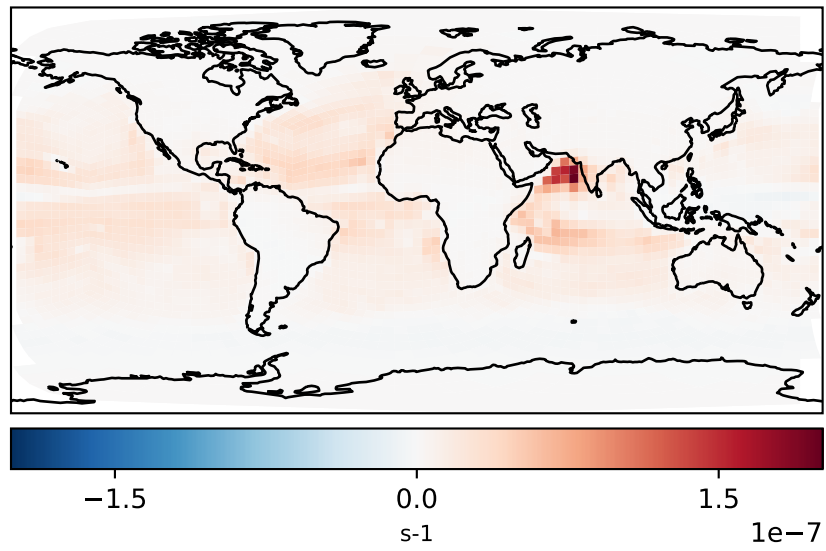
Processed GEOS-FP input, 3-hr winds (Ref)
c24



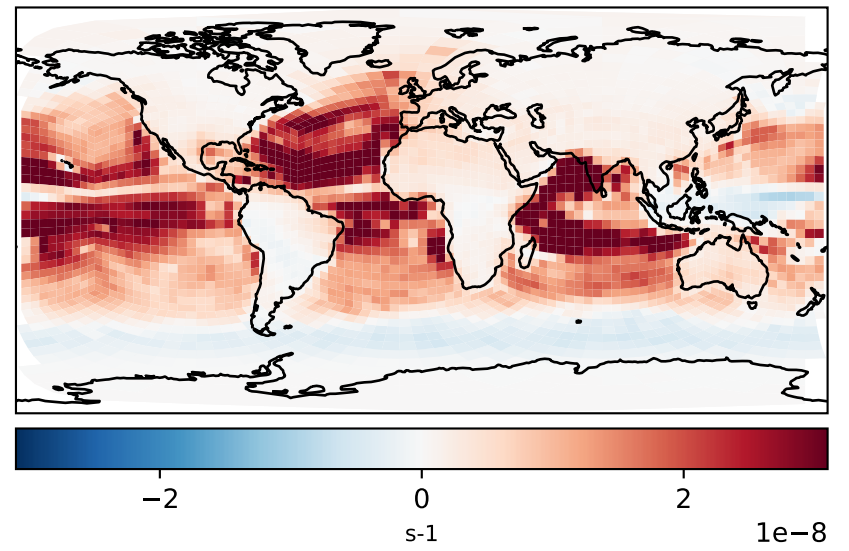
Raw GEOS-FP input, 3-hr winds (Dev)
c24



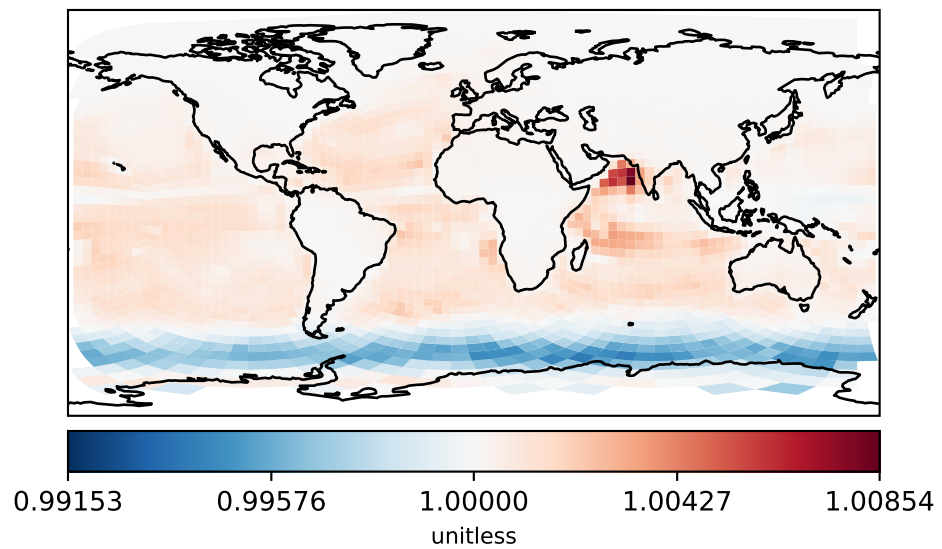
Difference
Dev - Ref, Dynamic Range



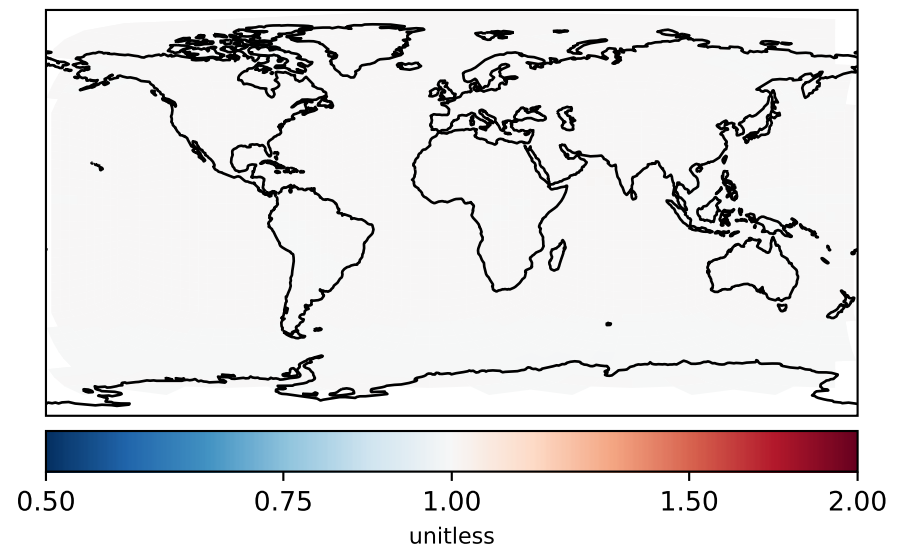
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

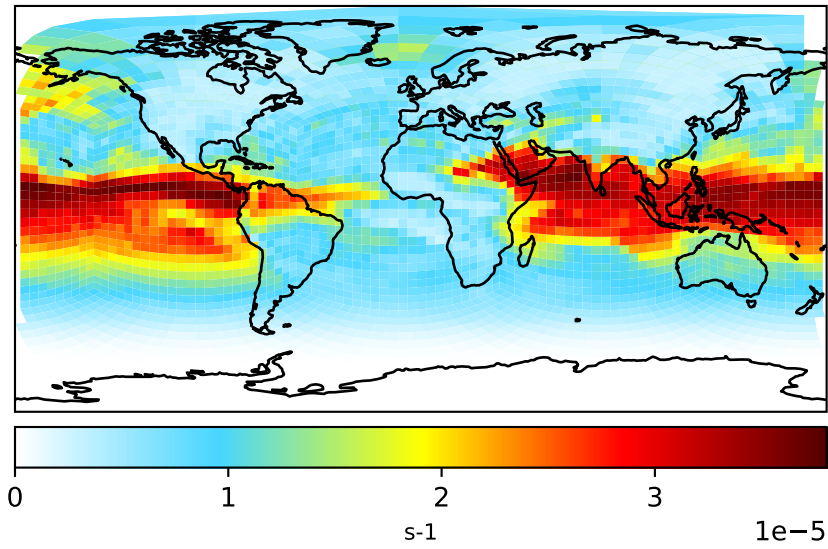


Ratio
Dev/Ref, Fixed Range

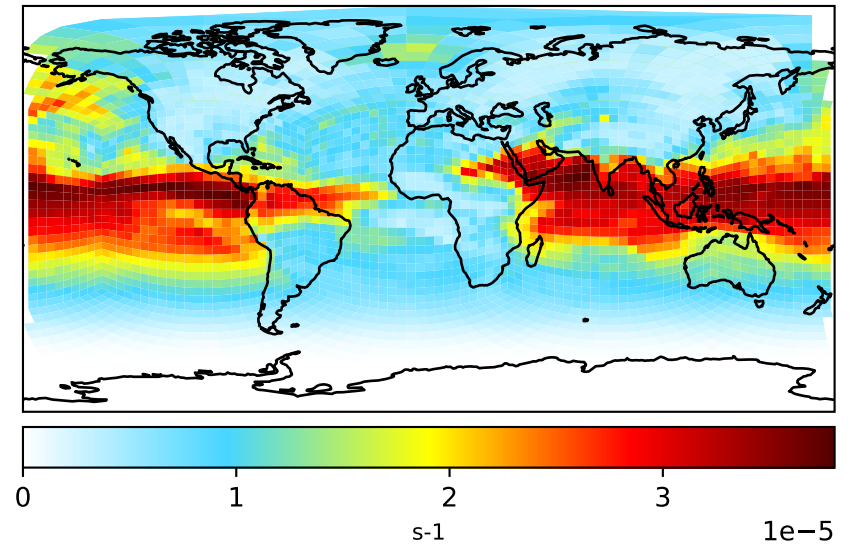


Jval_NIT

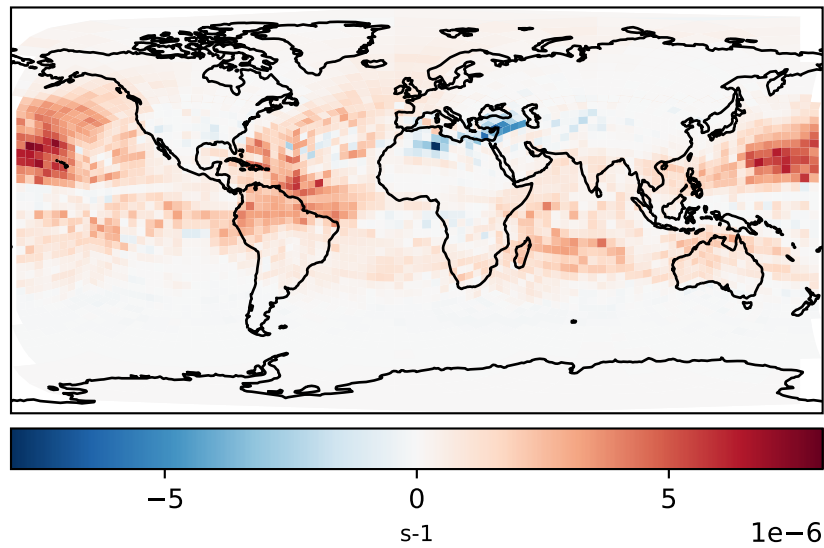
Processed GEOS-FP input, 3-hr winds (Ref)
c24



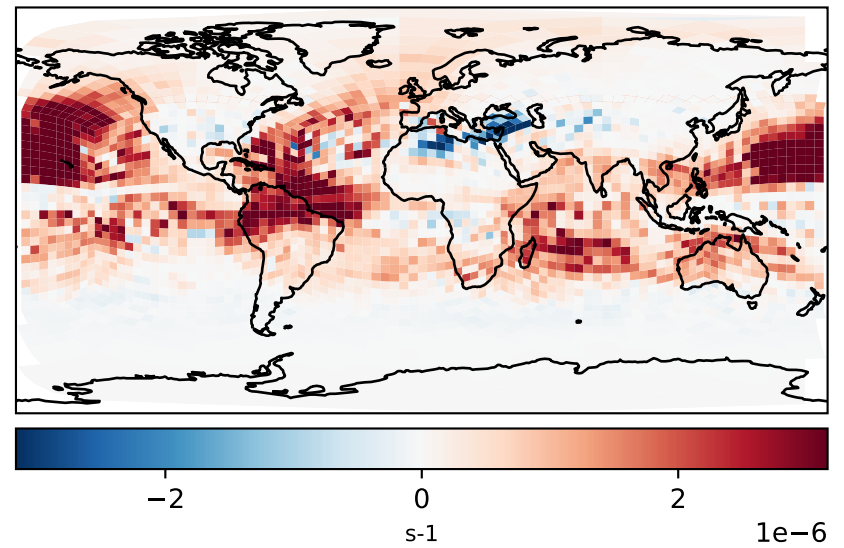
Raw GEOS-FP input, 3-hr winds (Dev)
c24



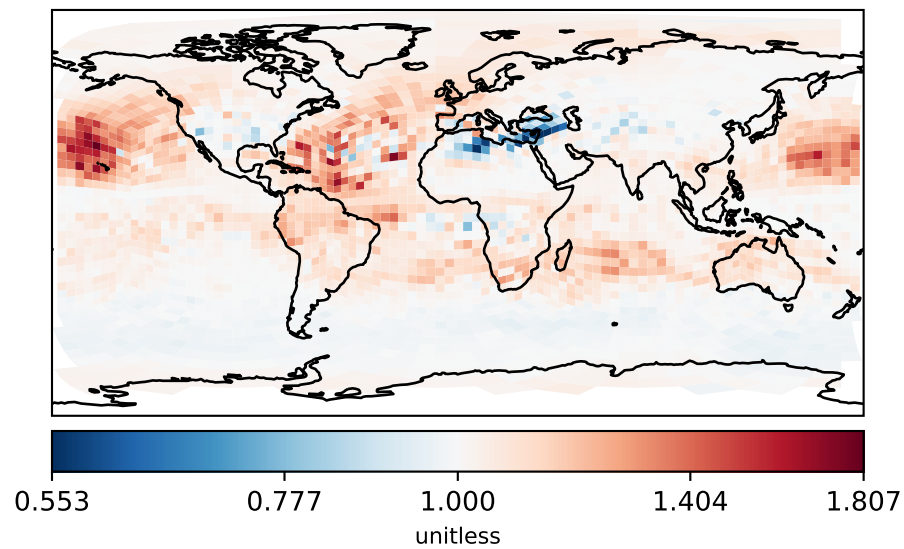
Difference
Dev - Ref, Dynamic Range



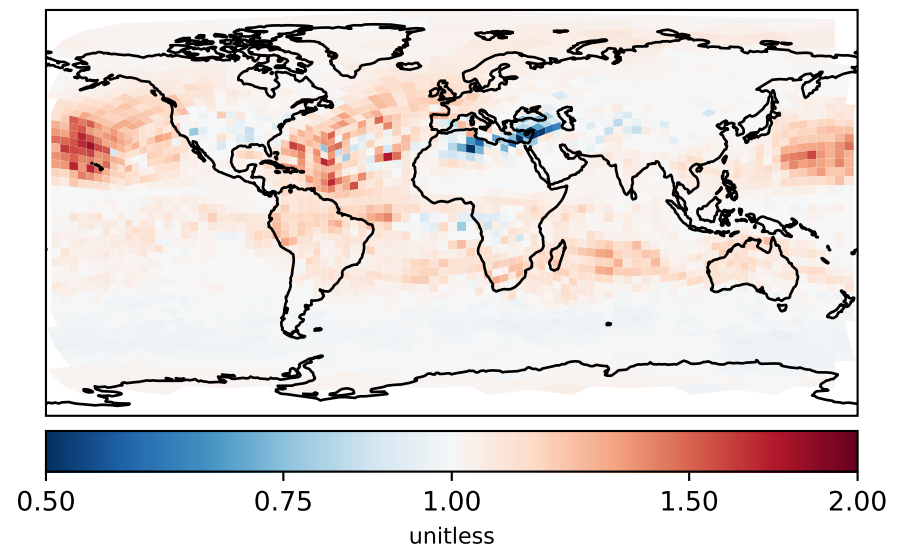
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

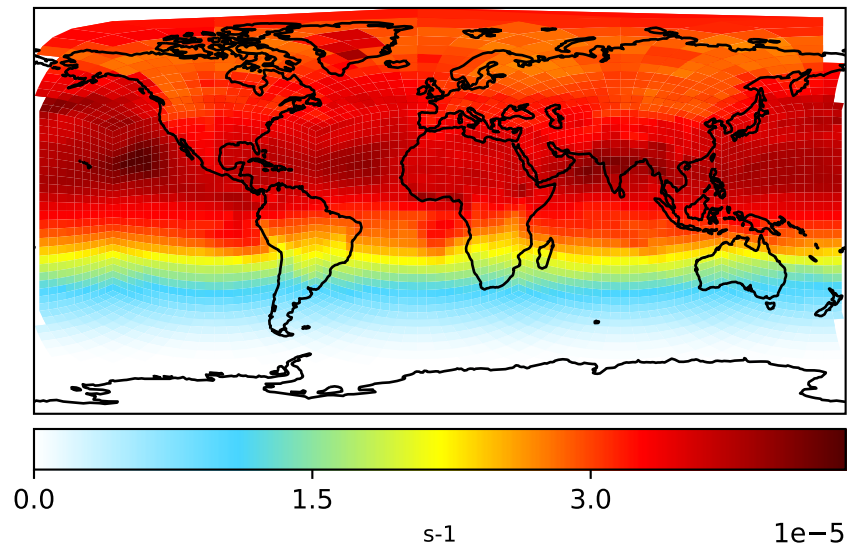


Ratio
Dev/Ref, Fixed Range

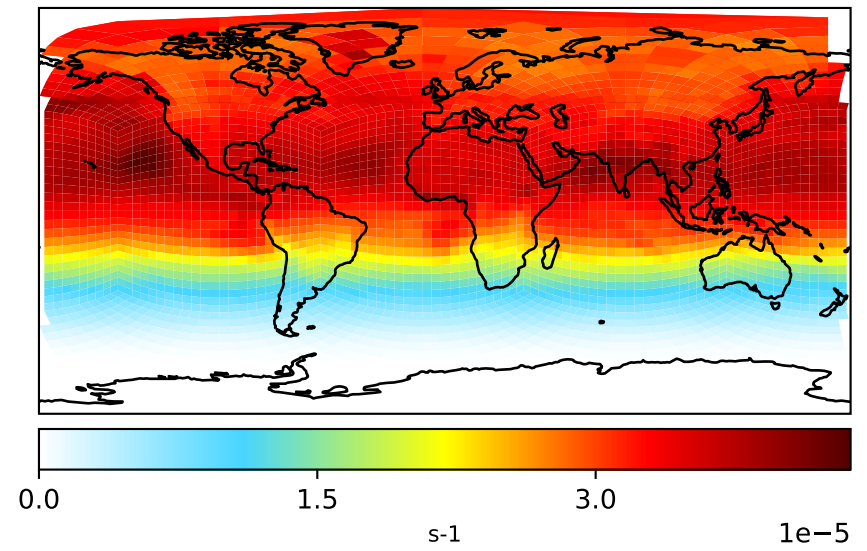


Jval_NITs

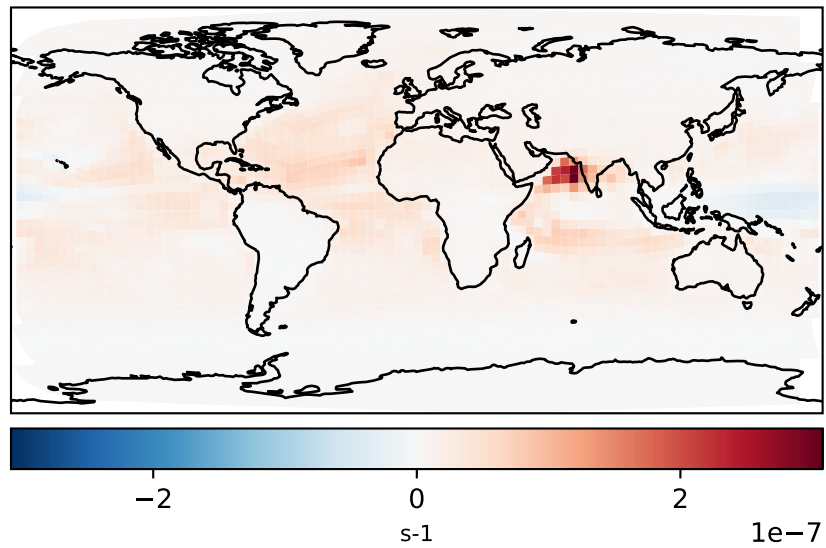
Processed GEOS-FP input, 3-hr winds (Ref)
c24



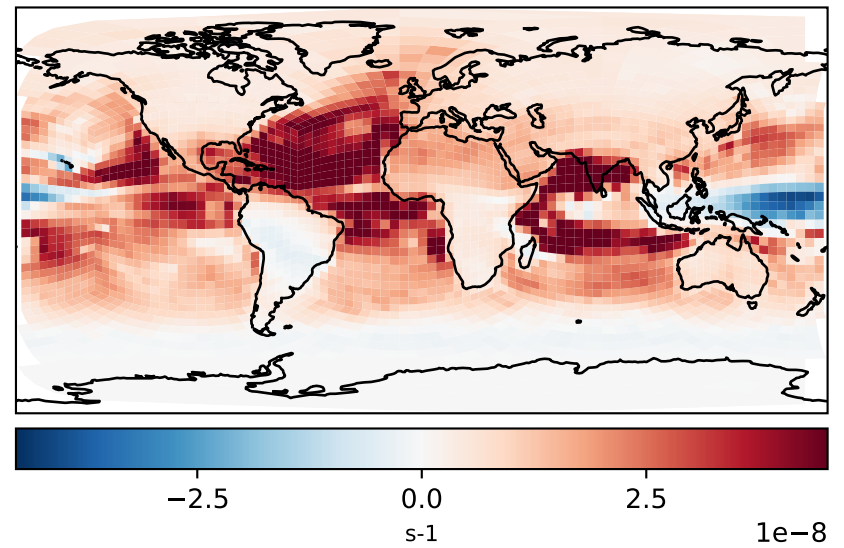
Raw GEOS-FP input, 3-hr winds (Dev)
c24



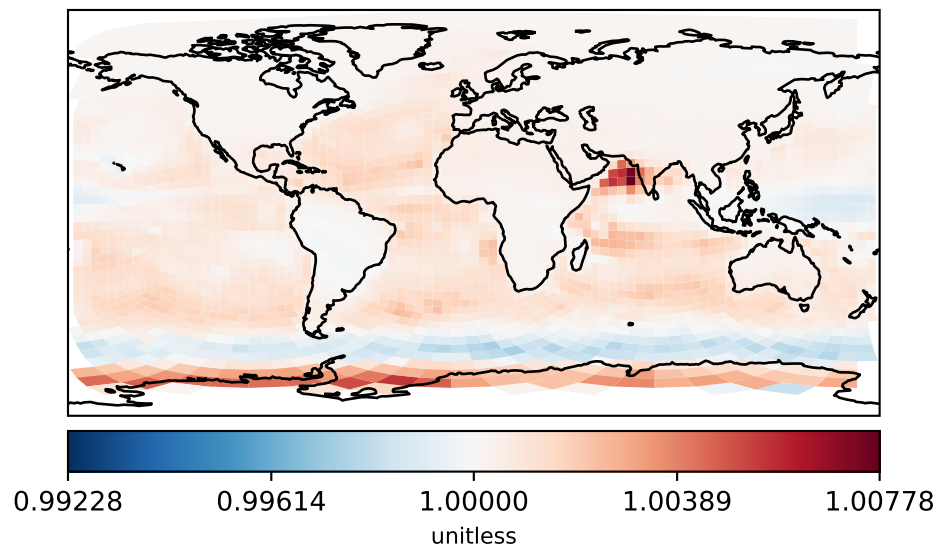
Difference
Dev - Ref, Dynamic Range



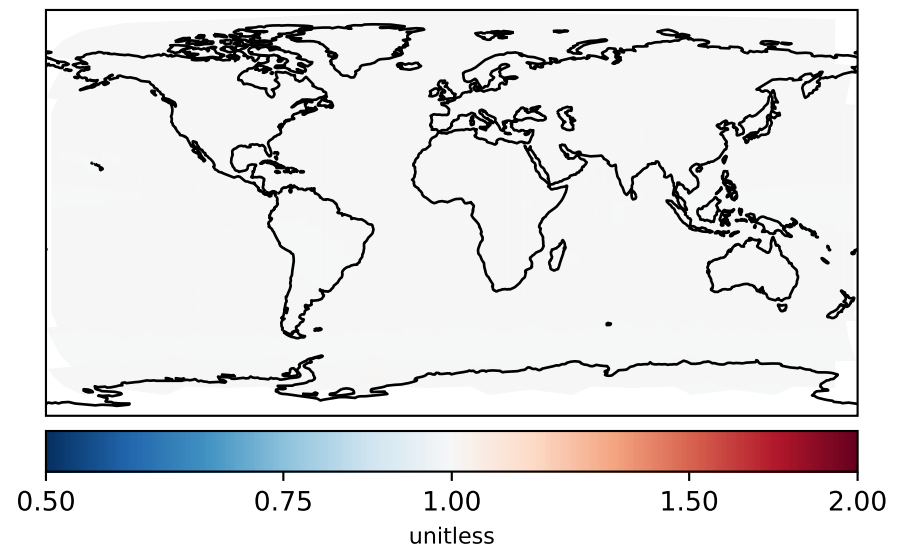
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

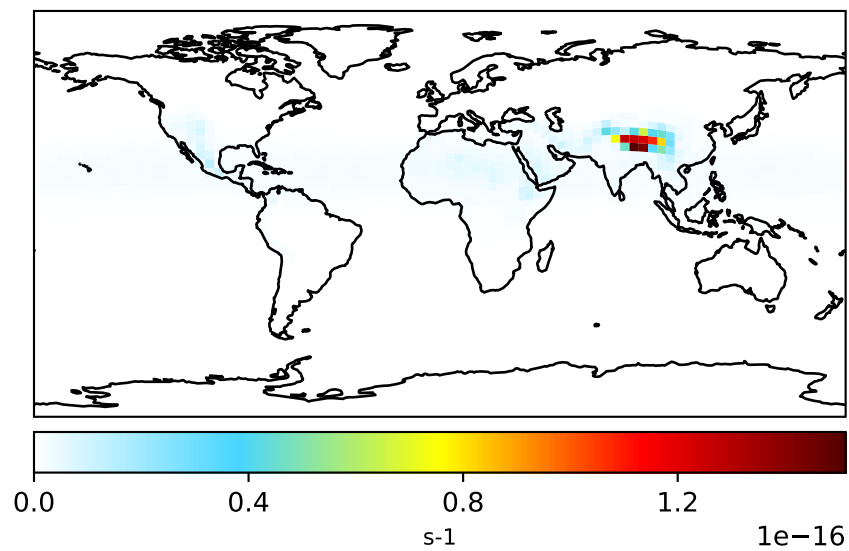


Ratio
Dev/Ref, Fixed Range

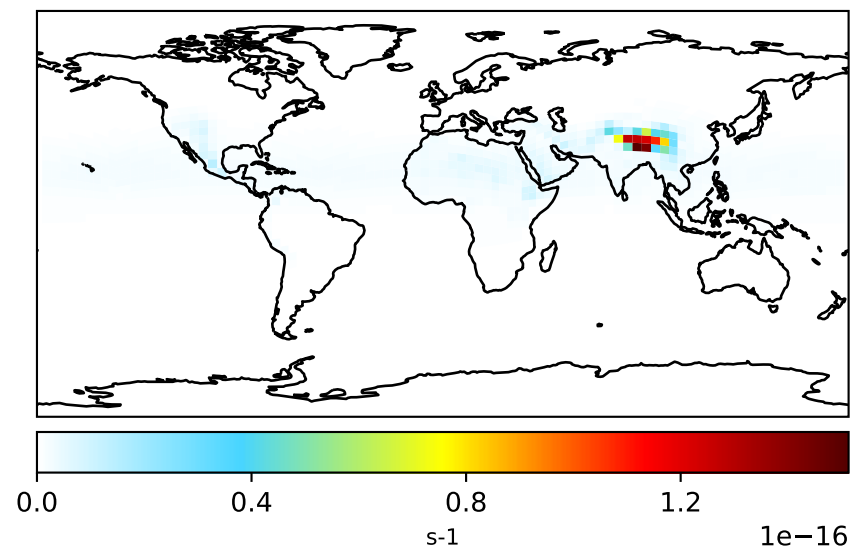


Jval_NO

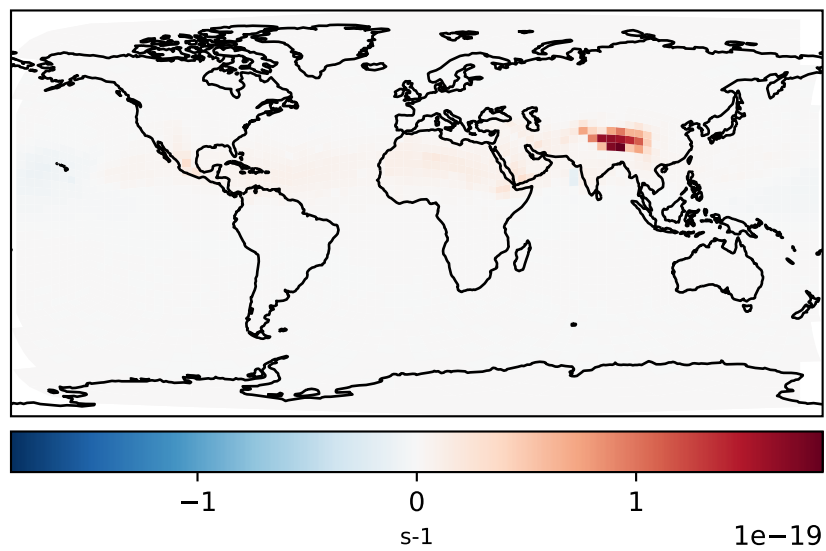
Processed GEOS-FP input, 3-hr winds (Ref)
c24



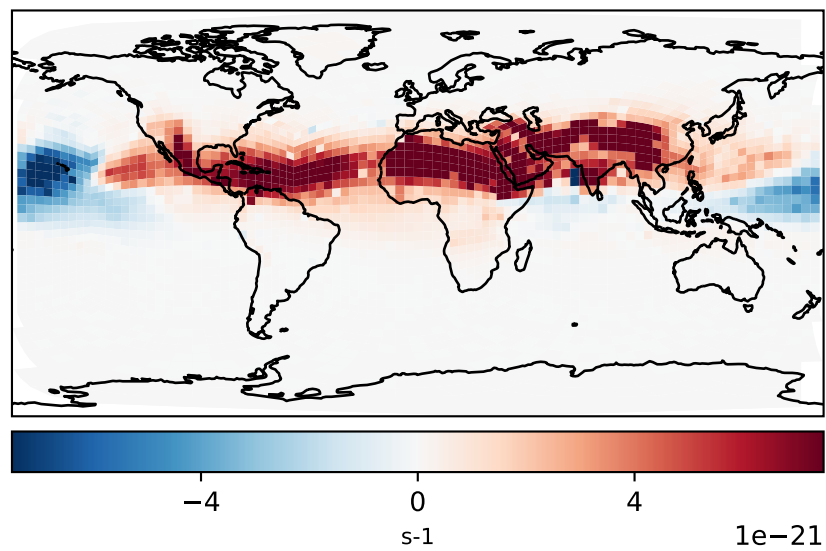
Raw GEOS-FP input, 3-hr winds (Dev)
c24



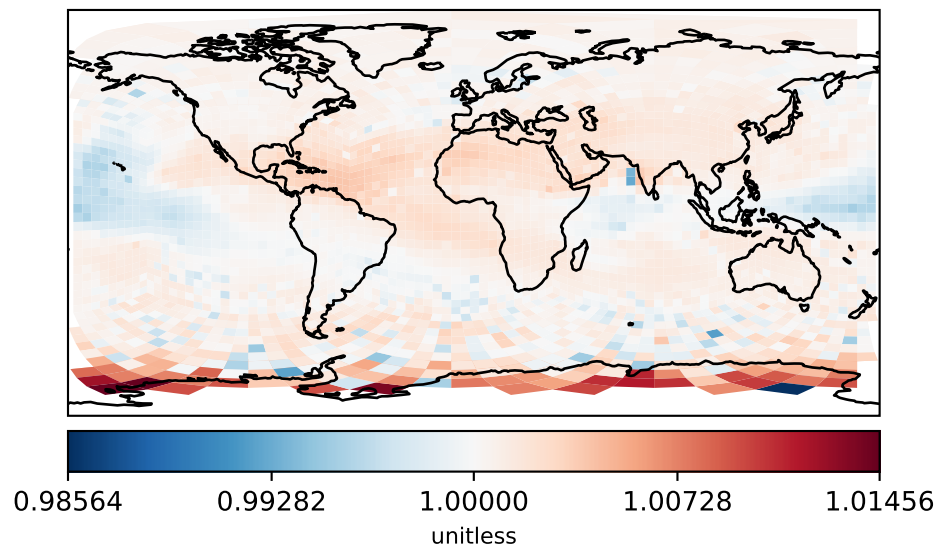
Difference
Dev - Ref, Dynamic Range



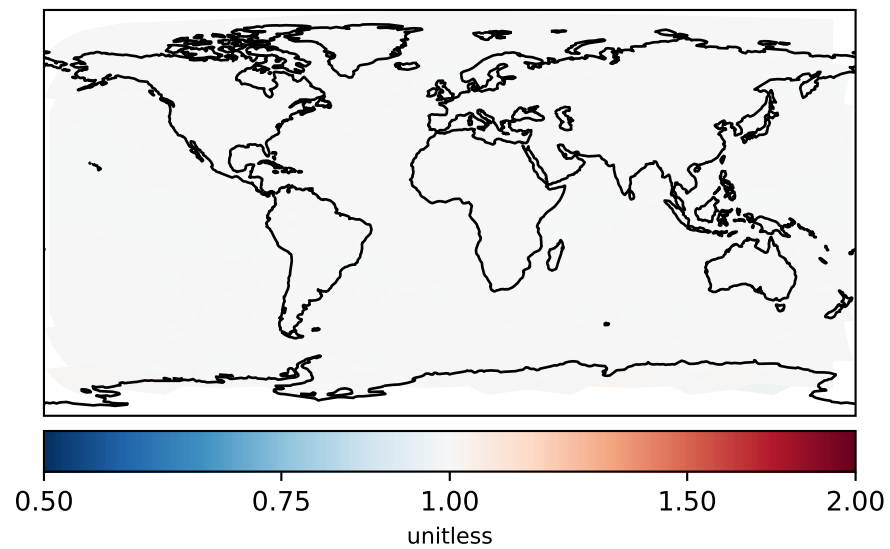
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

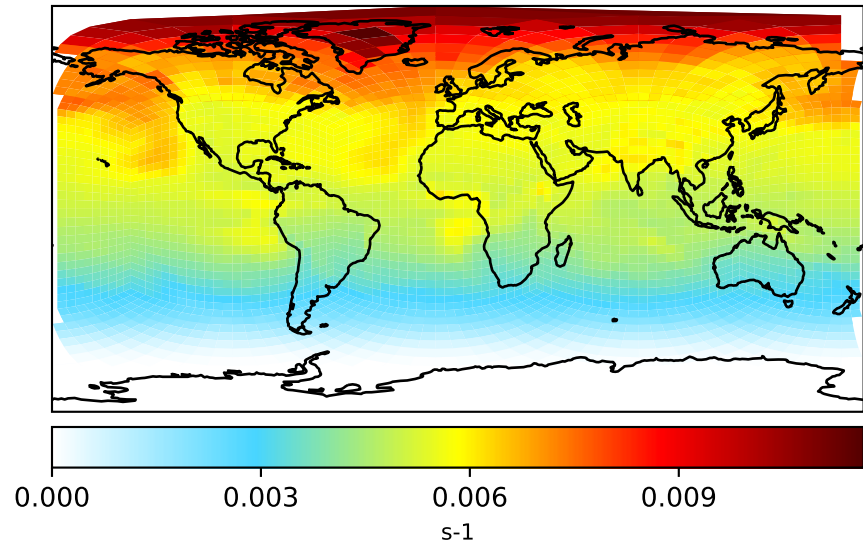


Ratio
Dev/Ref, Fixed Range

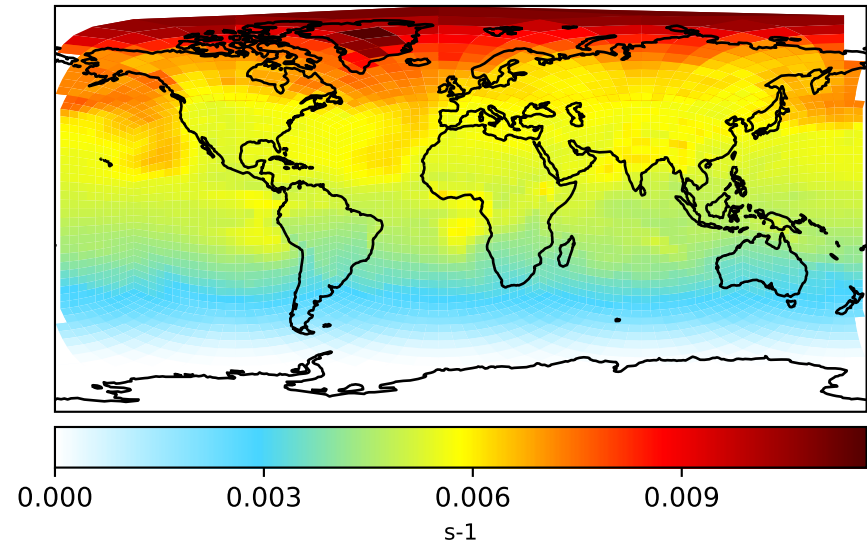


Jval_NO2

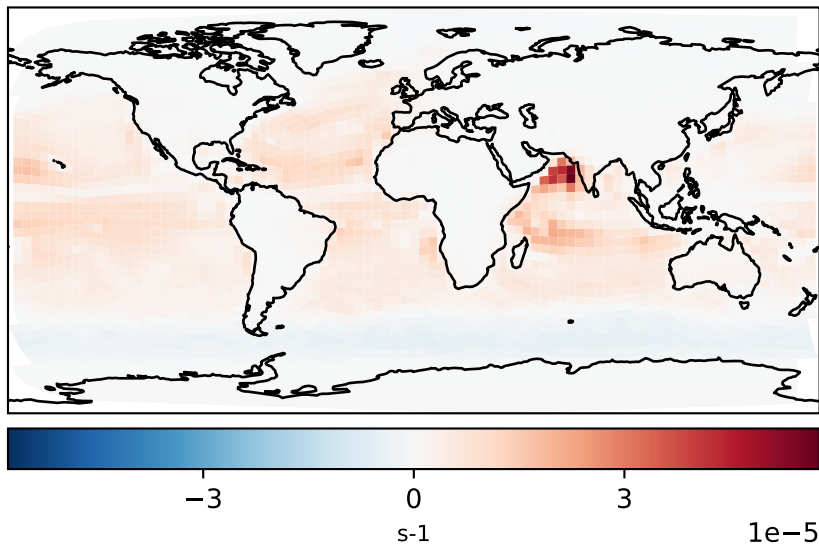
Processed GEOS-FP input, 3-hr winds (Ref)
c24



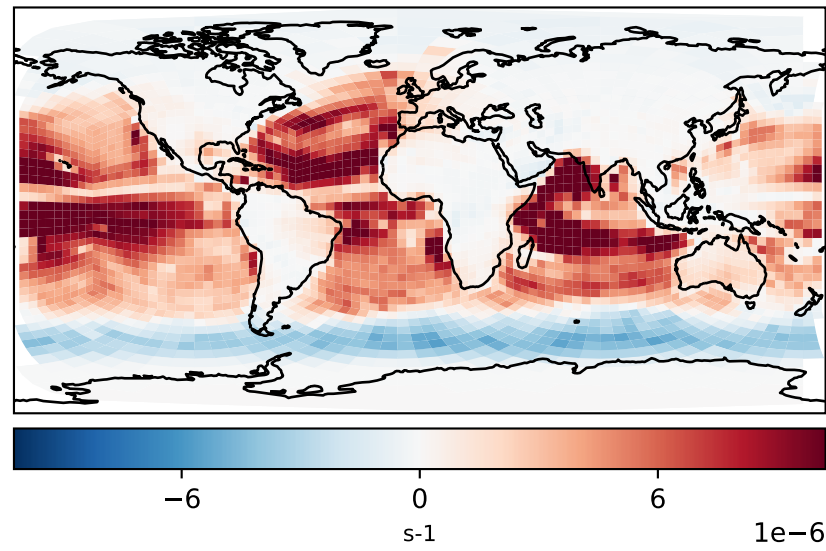
Raw GEOS-FP input, 3-hr winds (Dev)
c24



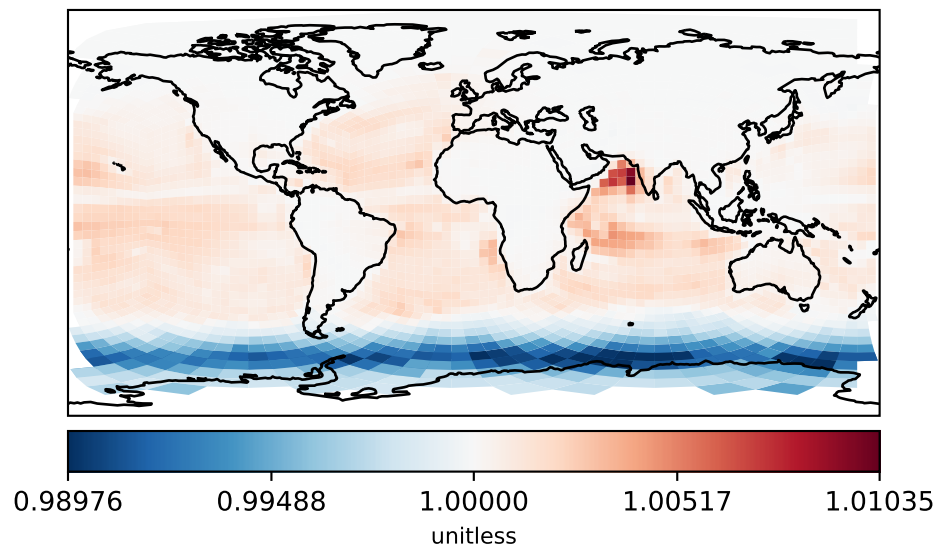
Difference
Dev - Ref, Dynamic Range



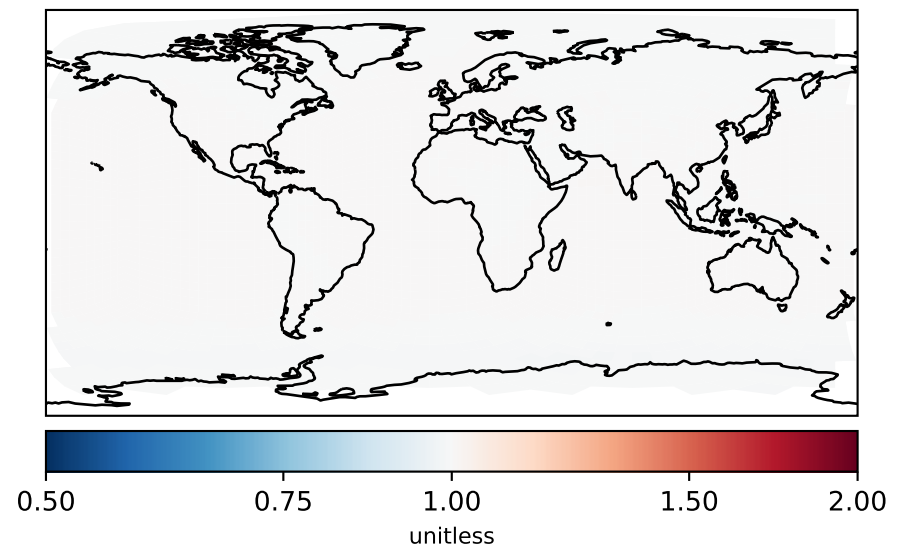
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

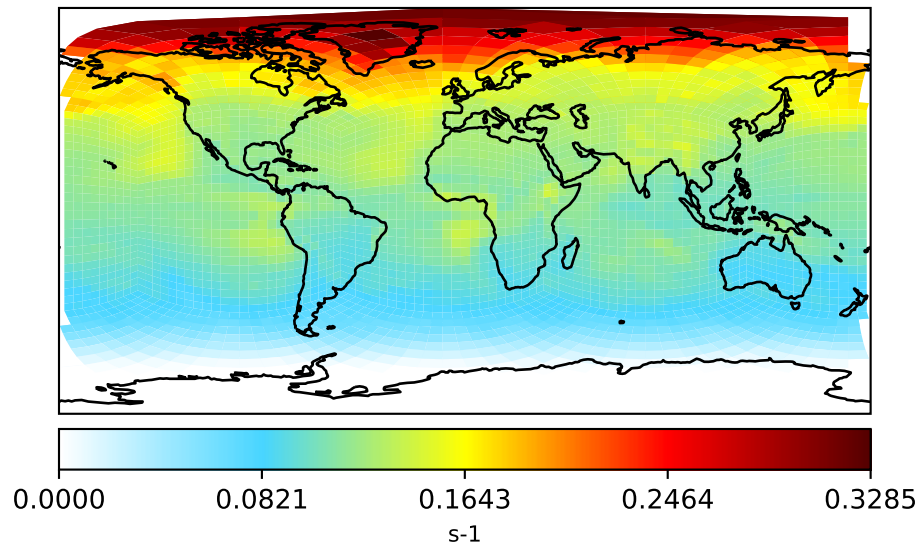


Ratio
Dev/Ref, Fixed Range

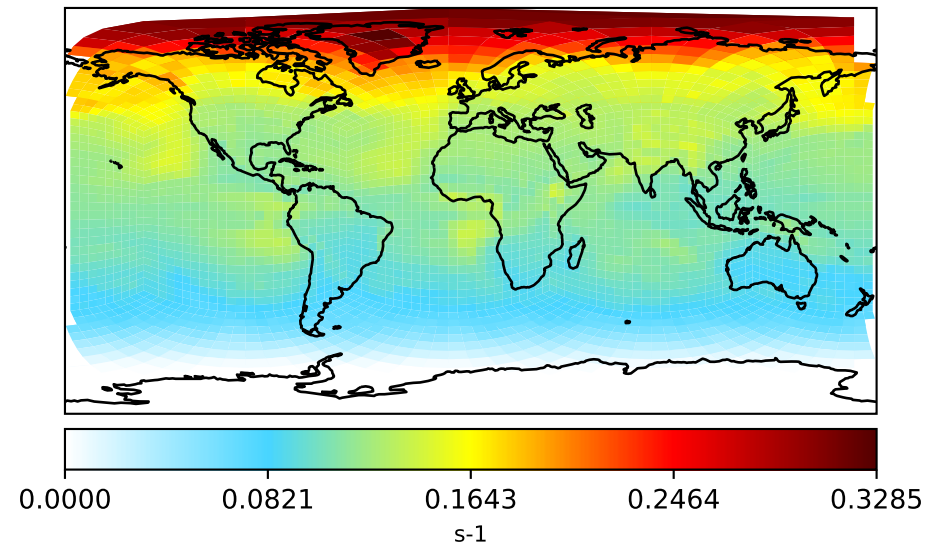


Jval_NO3

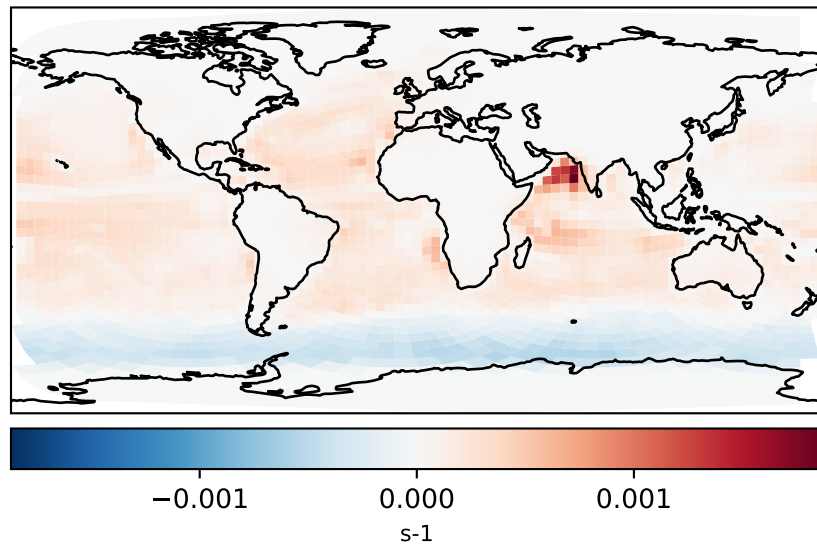
Processed GEOS-FP input, 3-hr winds (Ref)
c24



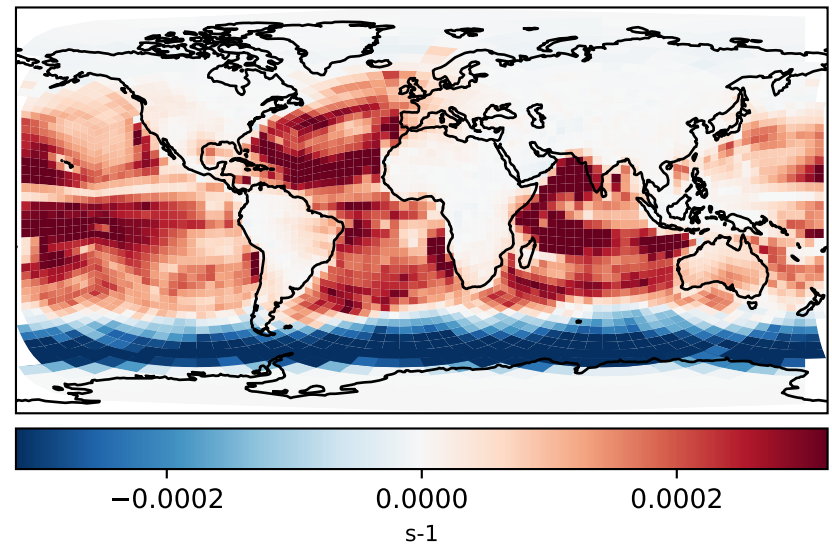
Raw GEOS-FP input, 3-hr winds (Dev)
c24



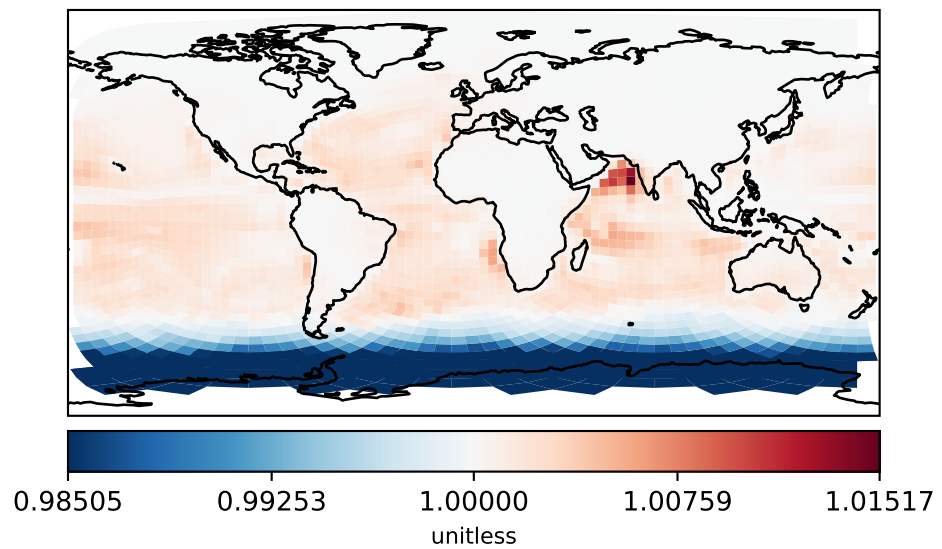
Difference
Dev - Ref, Dynamic Range



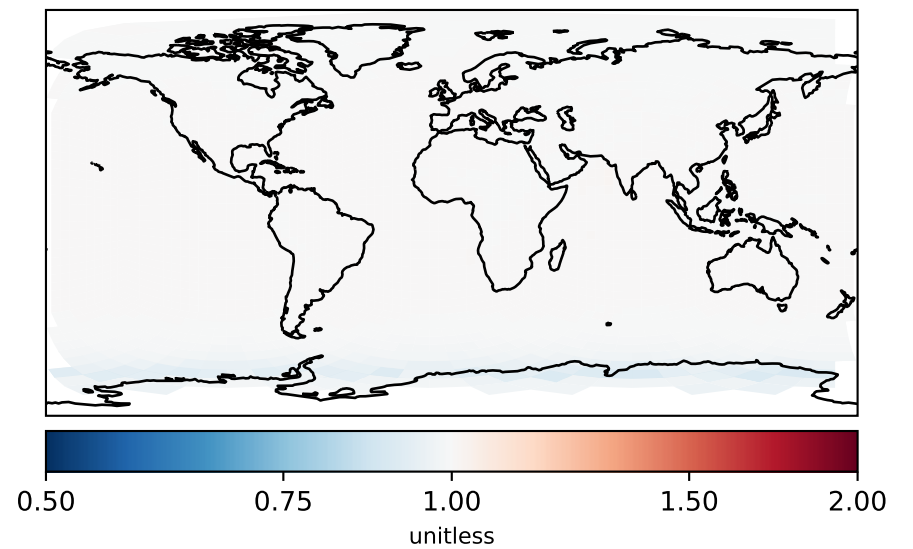
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

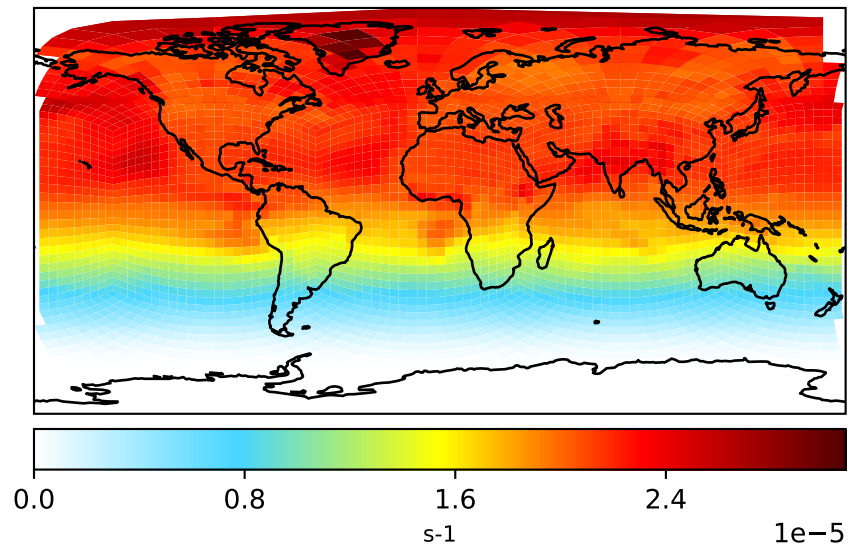


Ratio
Dev/Ref, Fixed Range

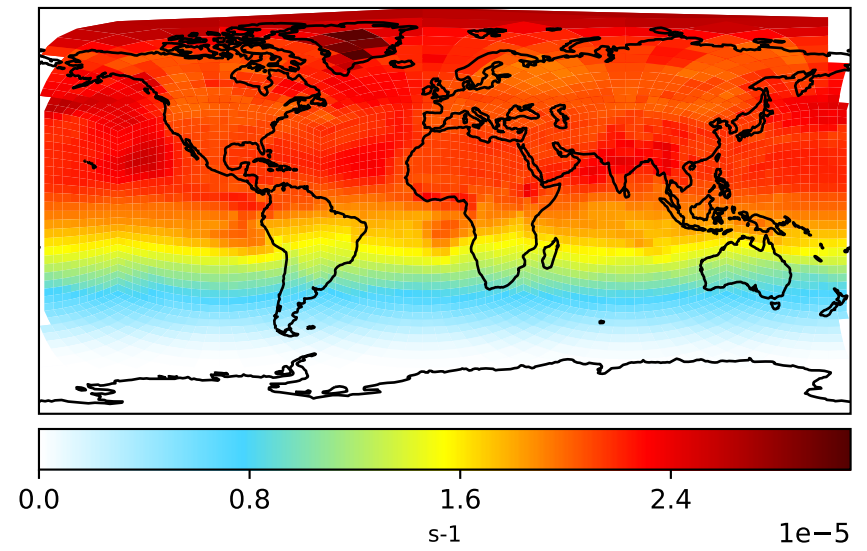


Jval_NPHEN

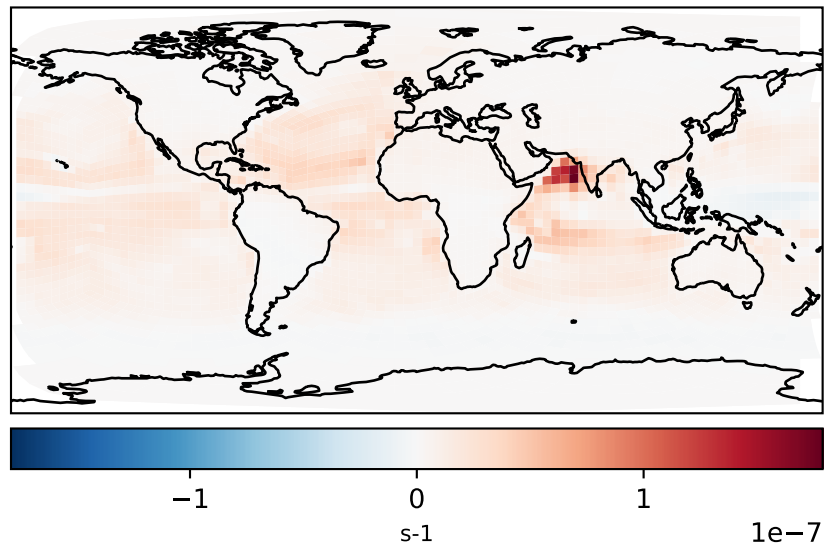
Processed GEOS-FP input, 3-hr winds (Ref)
c24



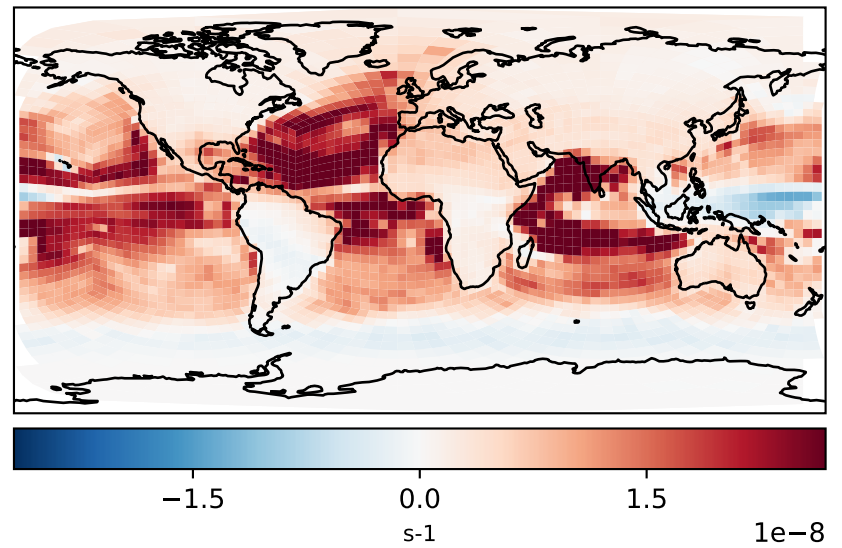
Raw GEOS-FP input, 3-hr winds (Dev)
c24



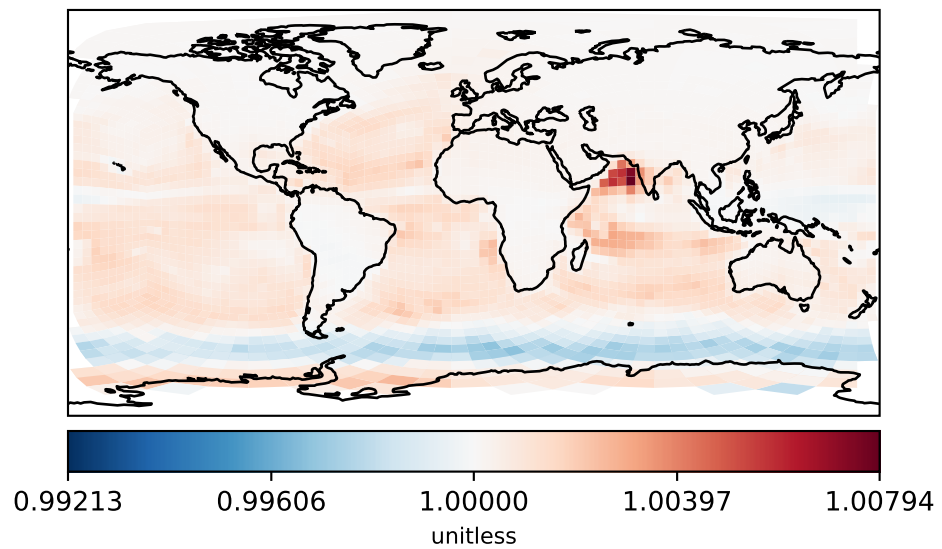
Difference
Dev - Ref, Dynamic Range



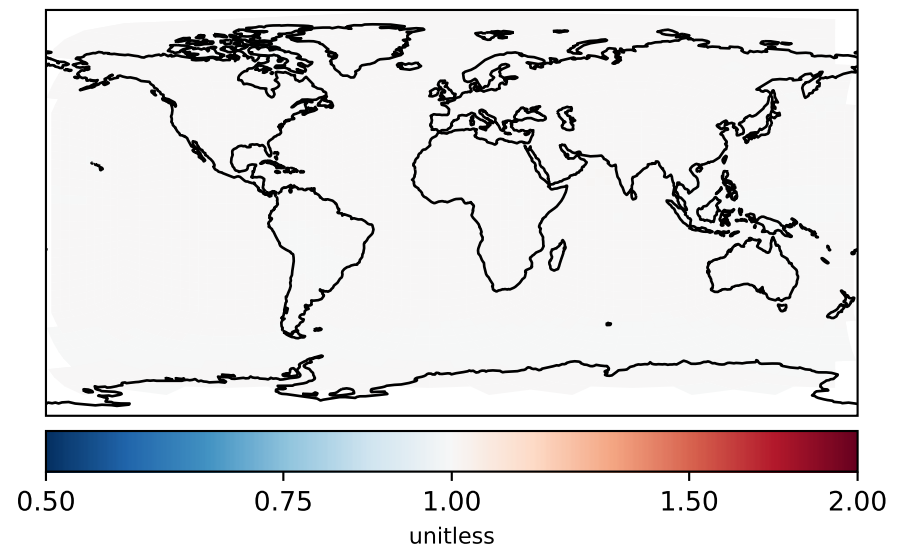
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

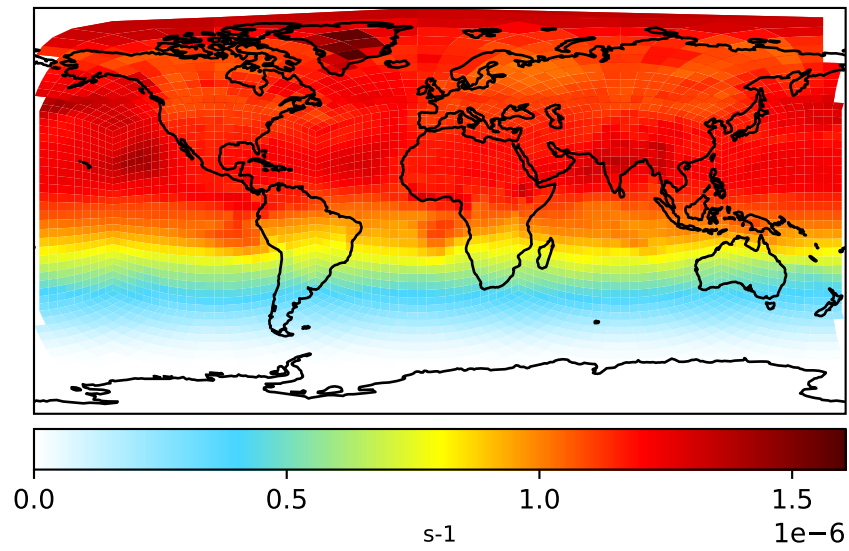


Ratio
Dev/Ref, Fixed Range

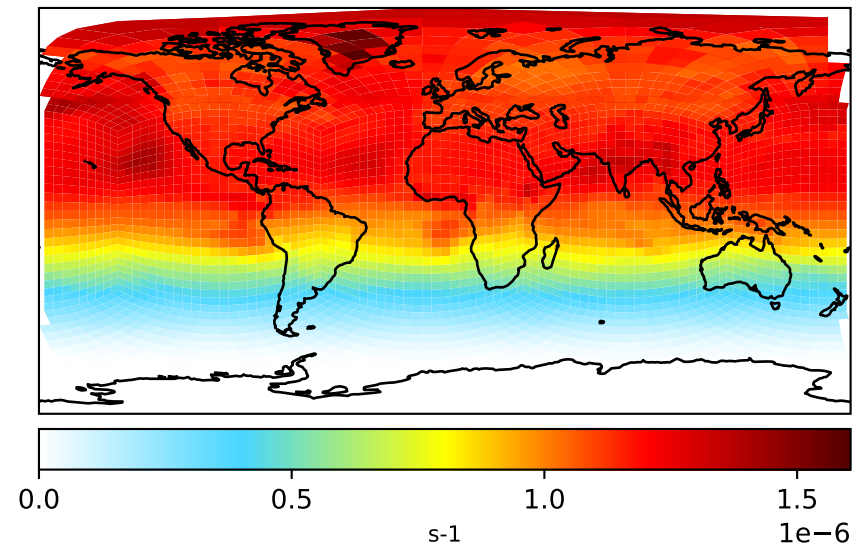


Jval_NPRNO3

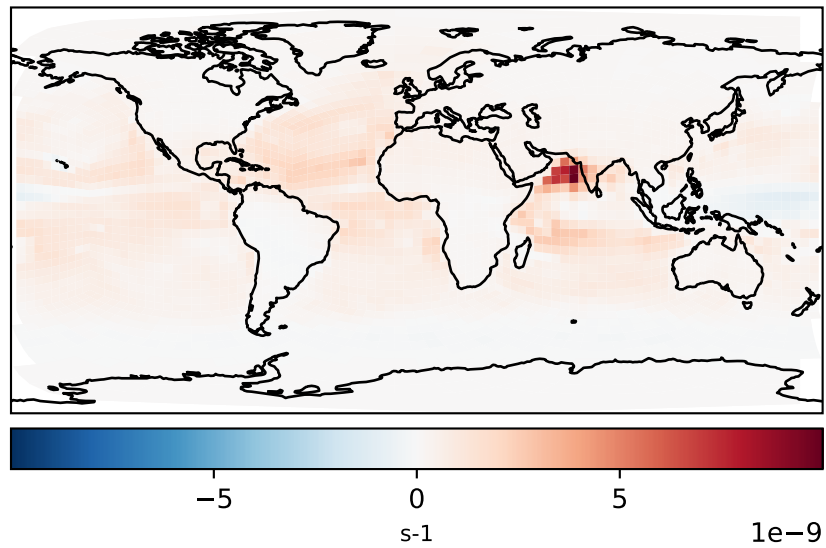
Processed GEOS-FP input, 3-hr winds (Ref)
c24



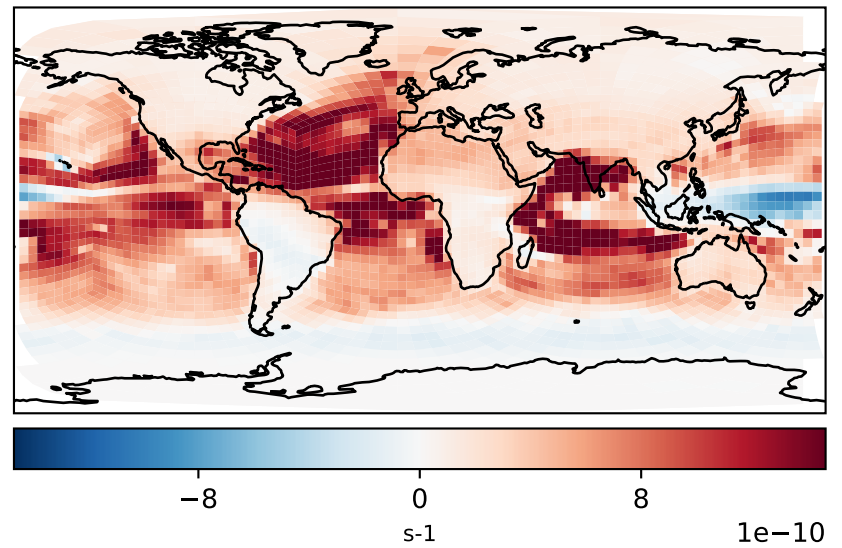
Raw GEOS-FP input, 3-hr winds (Dev)
c24



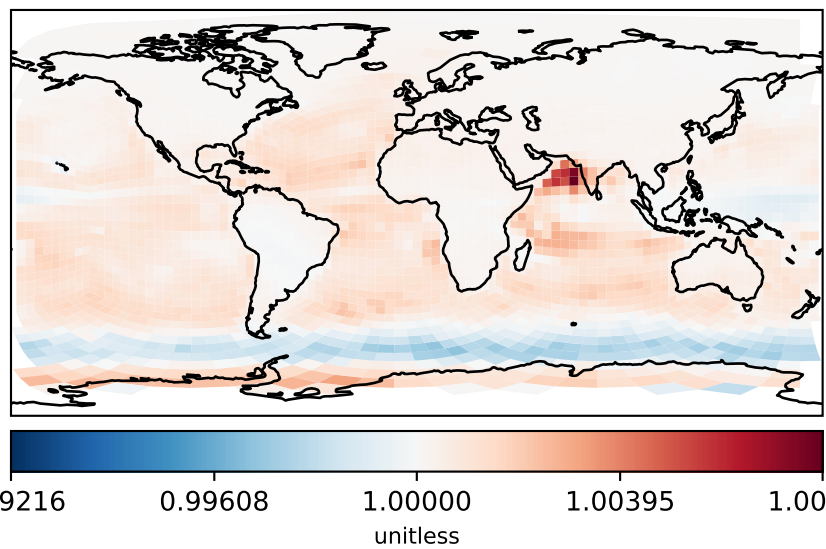
Difference
Dev - Ref, Dynamic Range



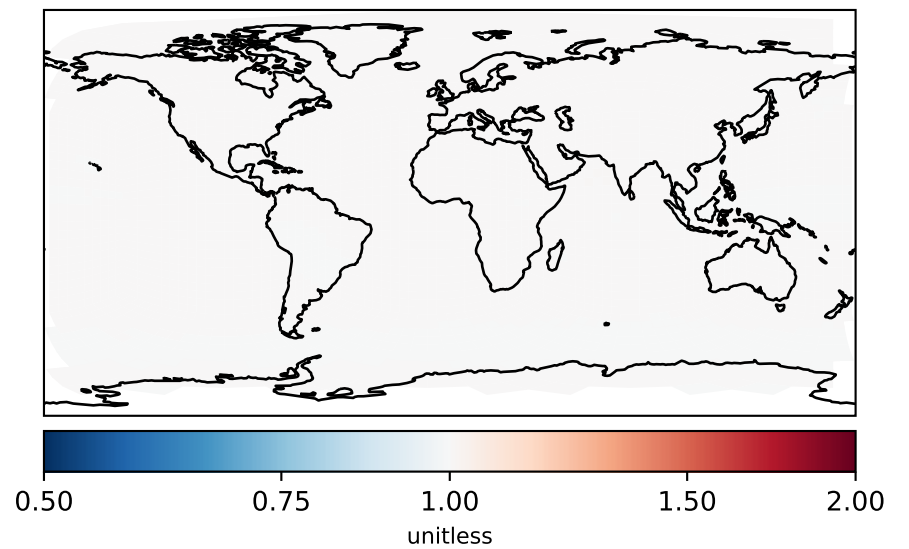
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

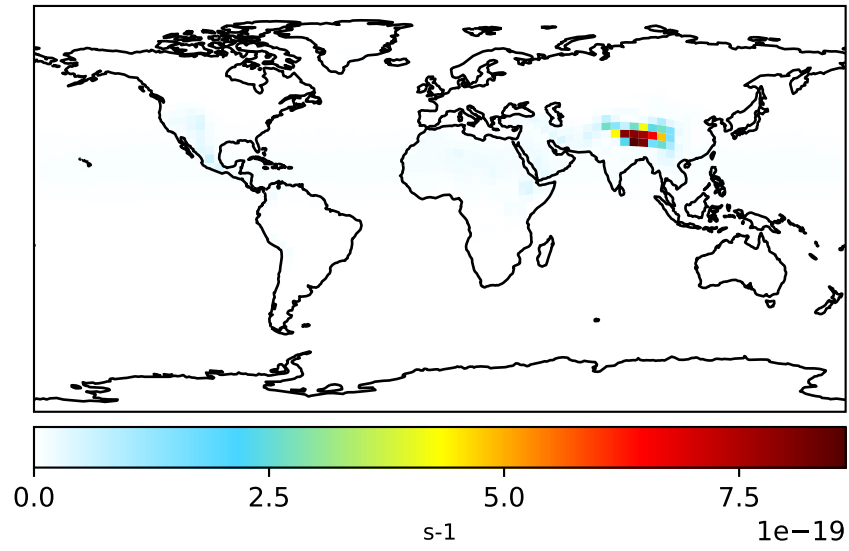


Ratio
Dev/Ref, Fixed Range

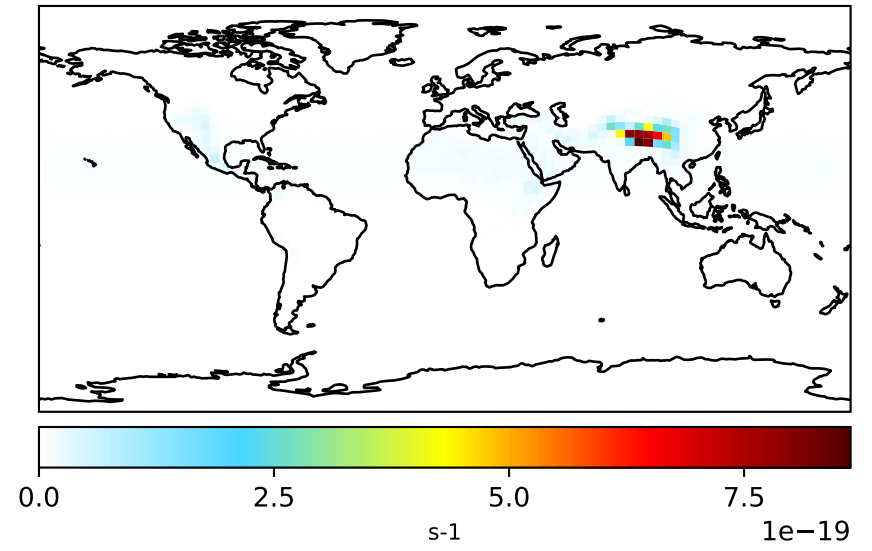


Jval_02

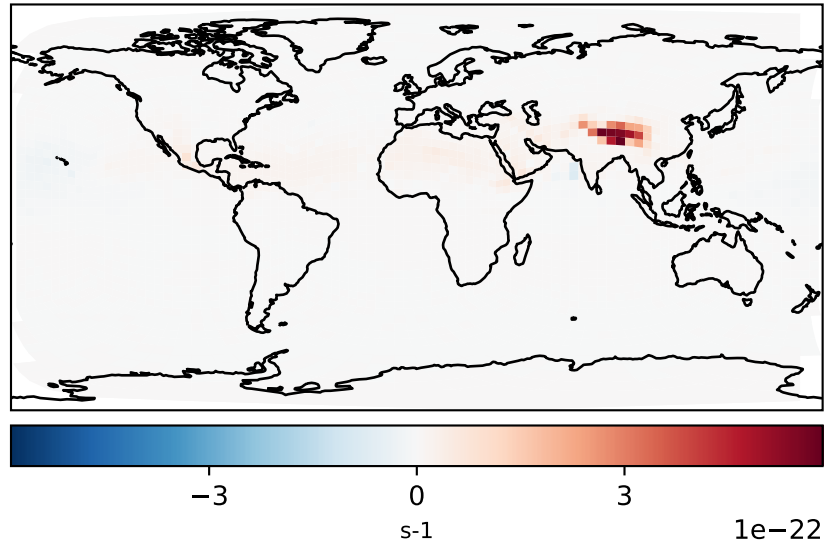
Processed GEOS-FP input, 3-hr winds (Ref)
c24



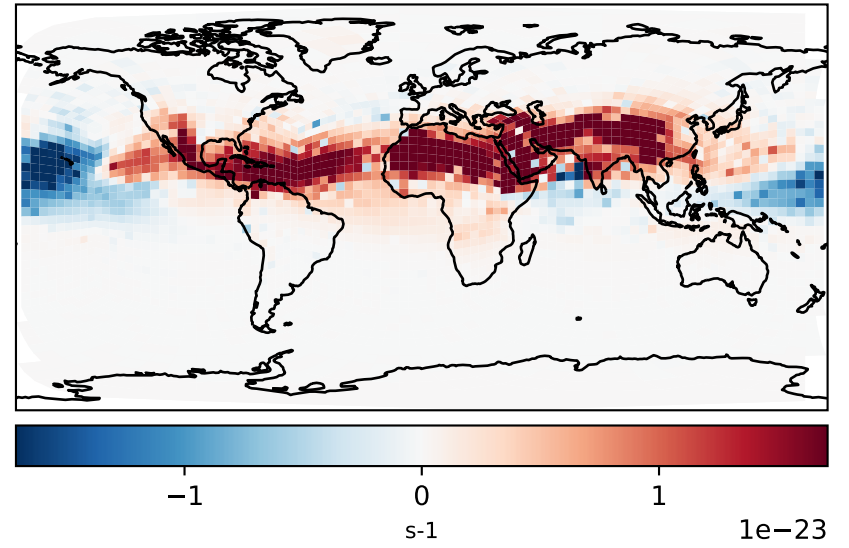
Raw GEOS-FP input, 3-hr winds (Dev)
c24



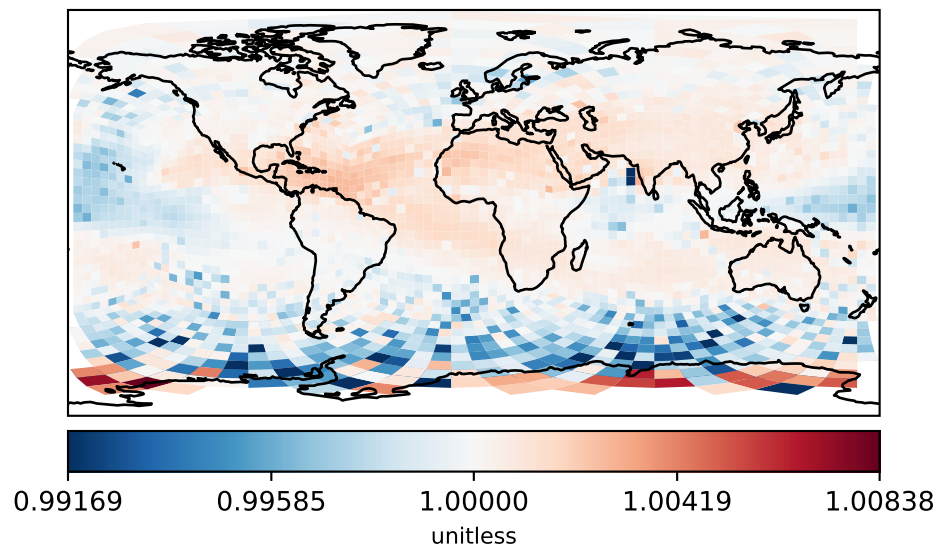
Difference
Dev - Ref, Dynamic Range



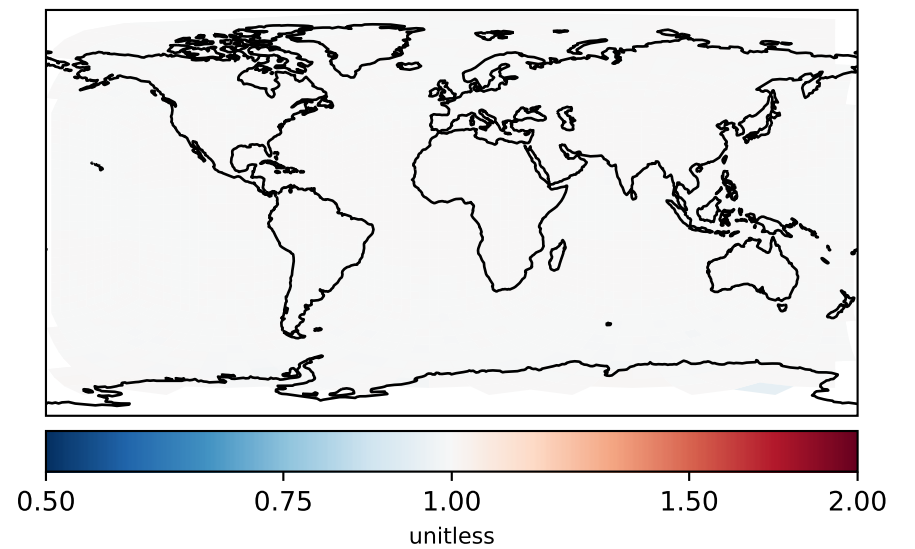
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

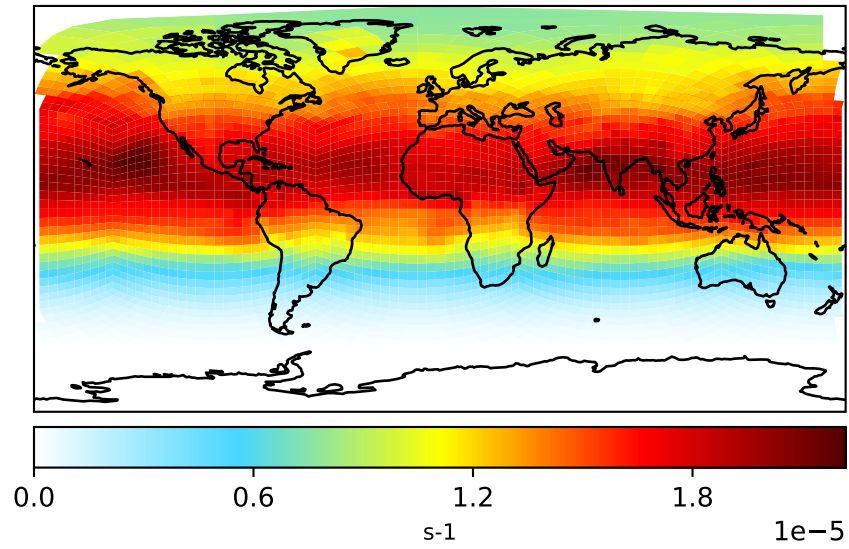


Ratio
Dev/Ref, Fixed Range

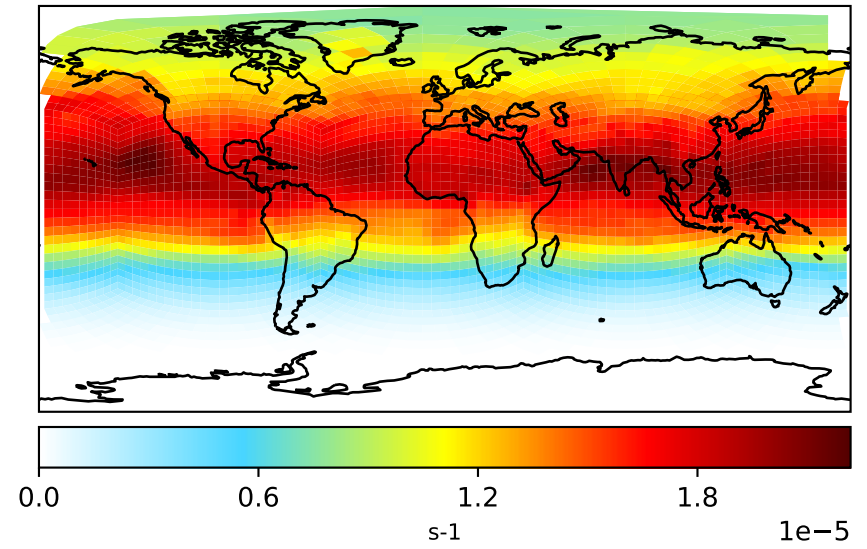


Jval_03

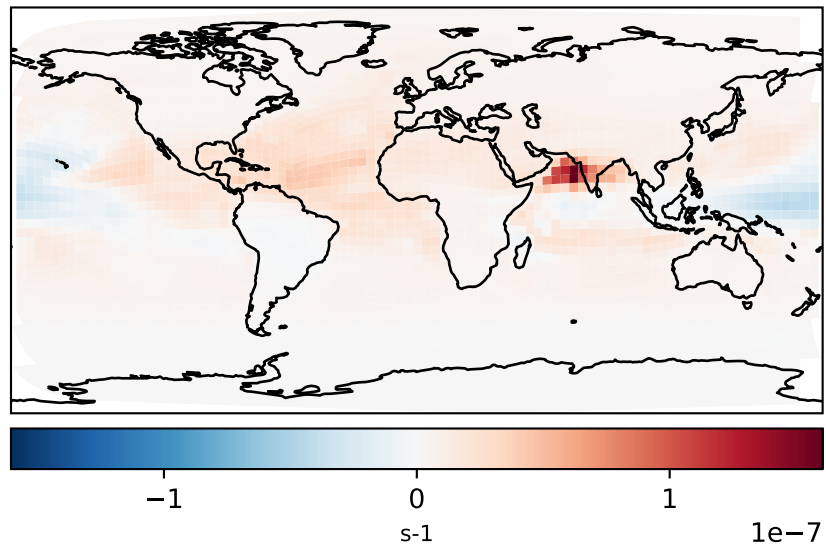
Processed GEOS-FP input, 3-hr winds (Ref)
c24



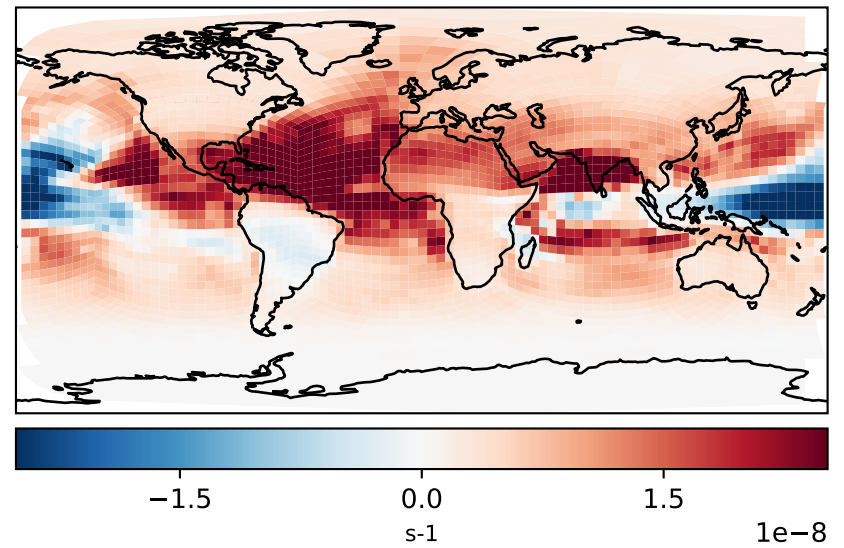
Raw GEOS-FP input, 3-hr winds (Dev)
c24



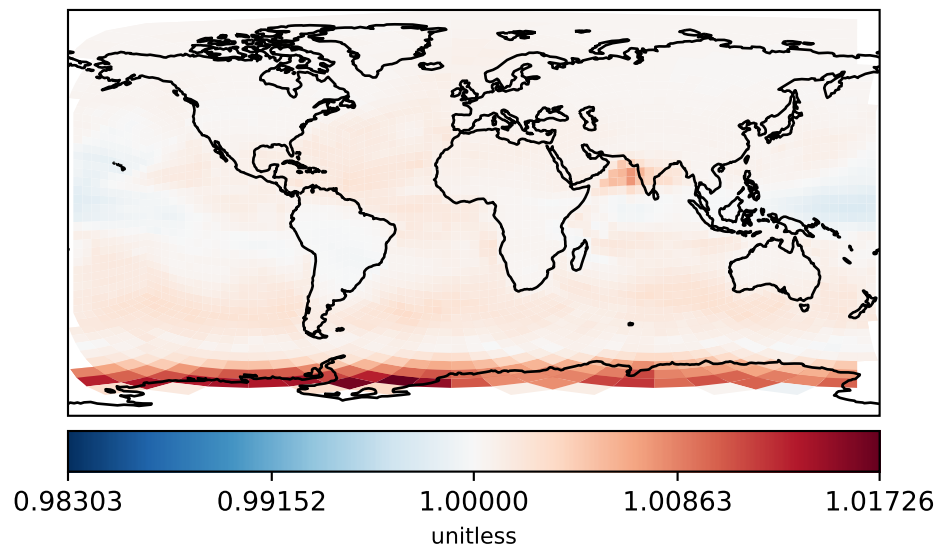
Difference
Dev - Ref, Dynamic Range



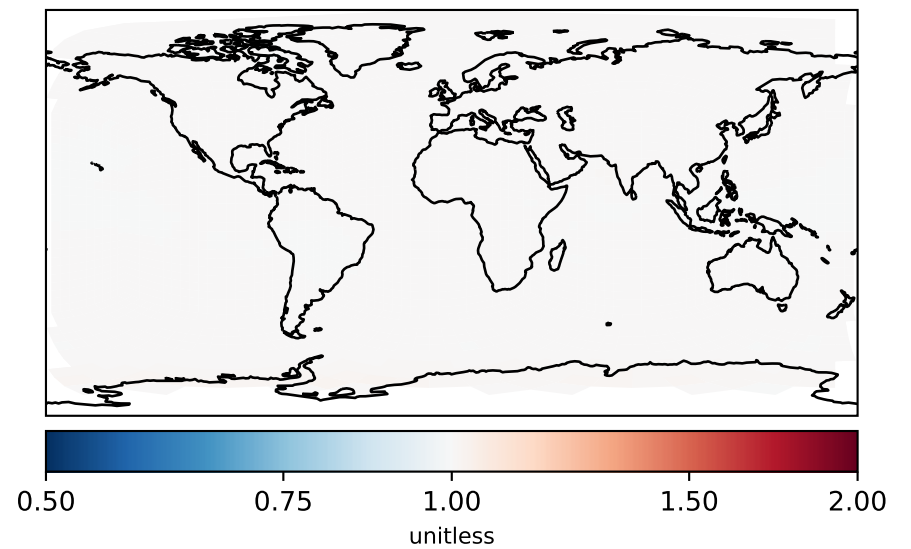
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

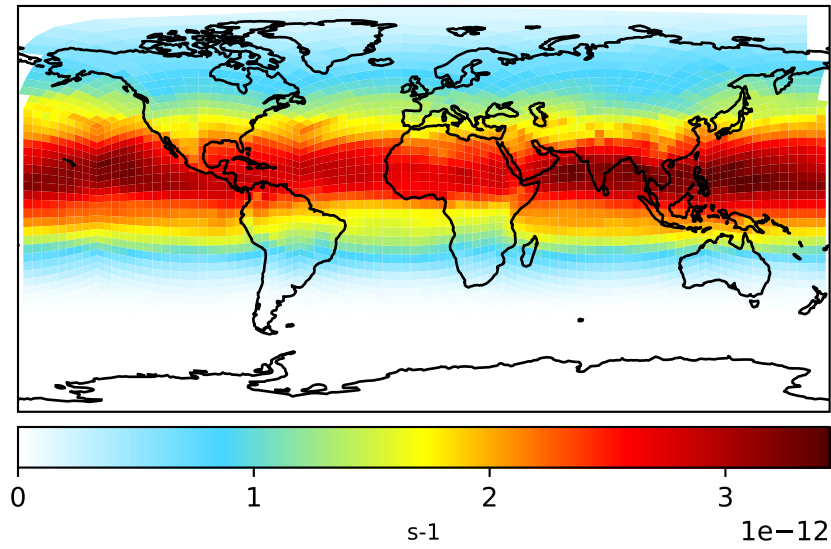


Ratio
Dev/Ref, Fixed Range

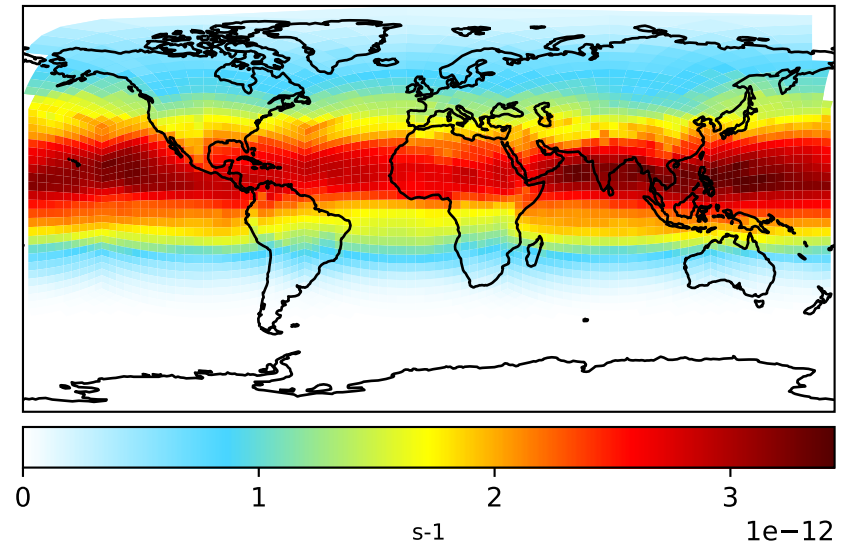


Jval_OCS

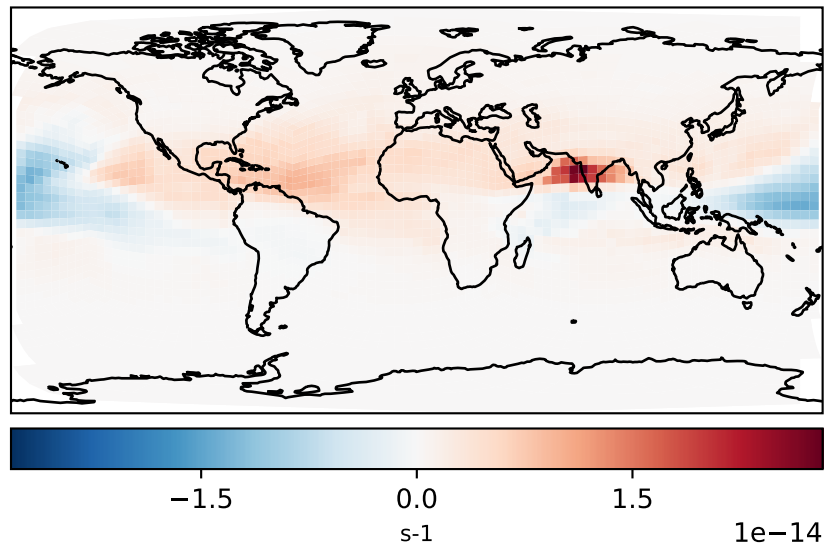
Processed GEOS-FP input, 3-hr winds (Ref)
c24



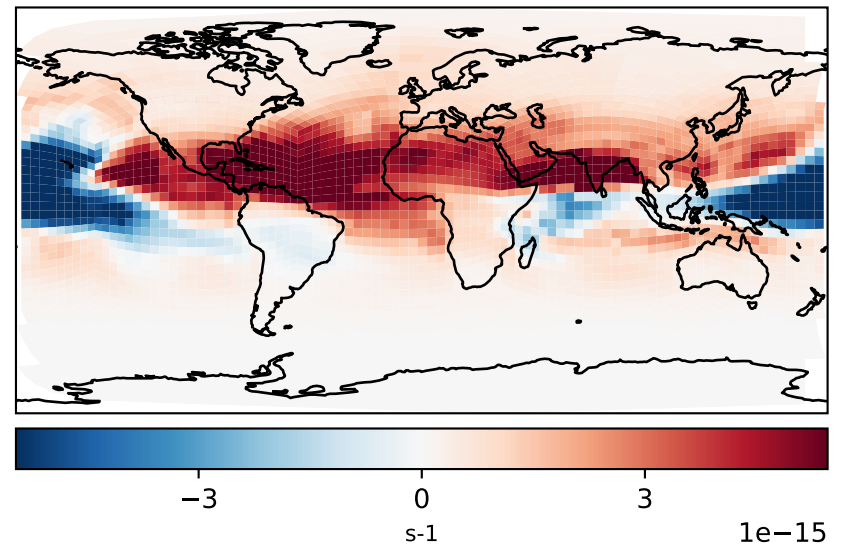
Raw GEOS-FP input, 3-hr winds (Dev)
c24



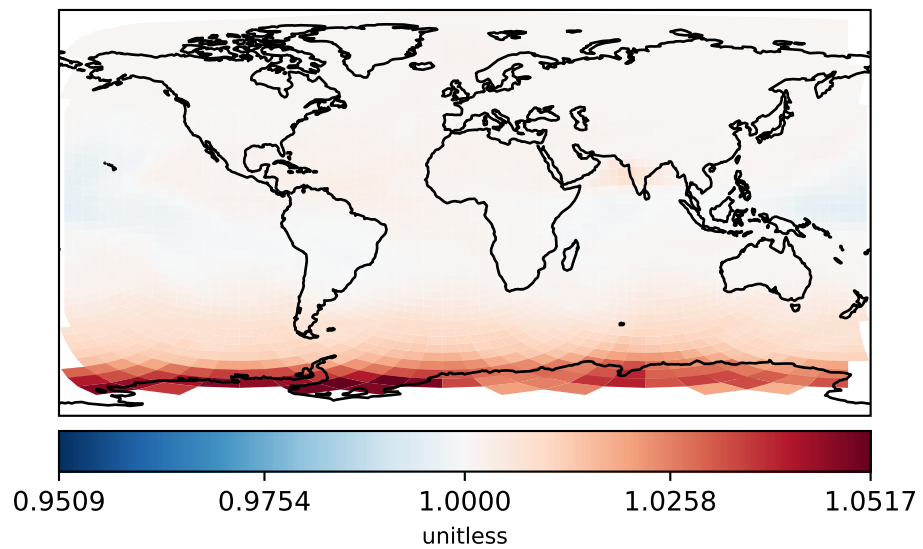
Difference
Dev - Ref, Dynamic Range



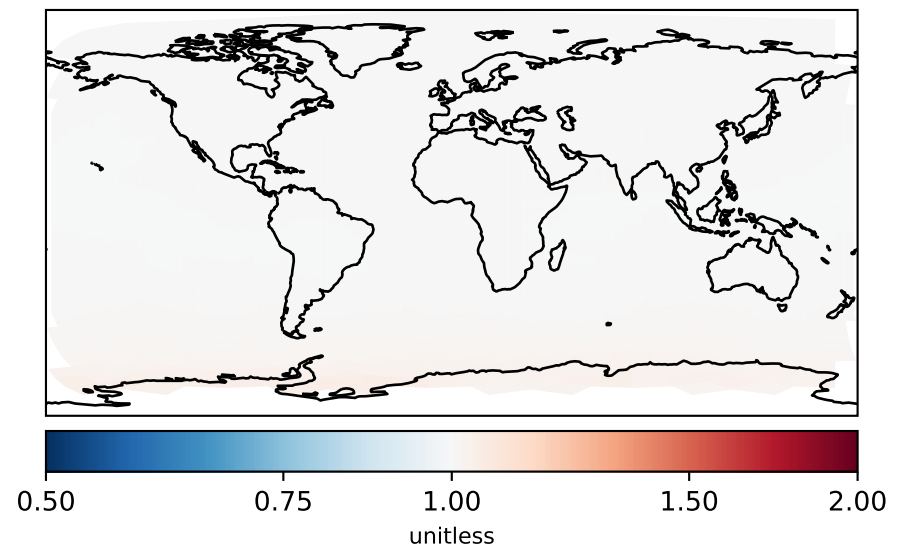
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

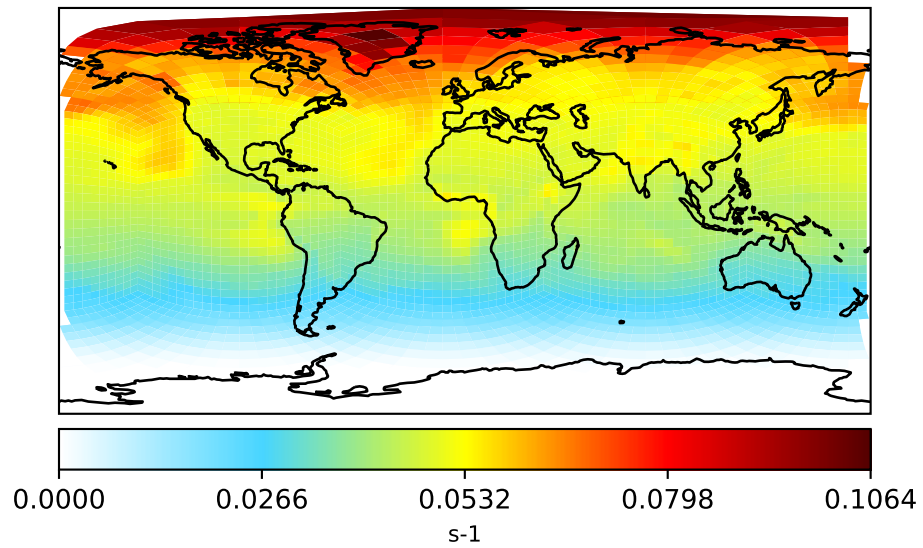


Ratio
Dev/Ref, Fixed Range

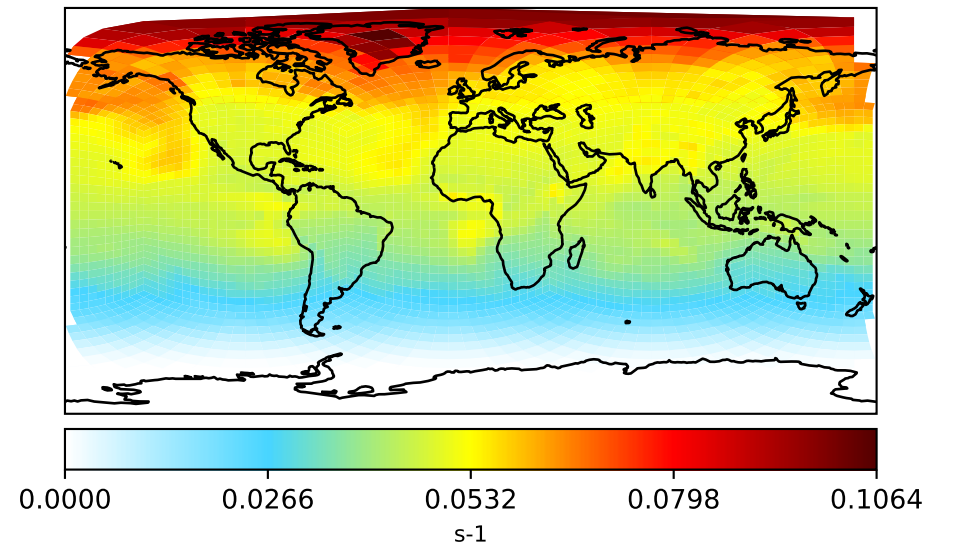


Jval_OCIO

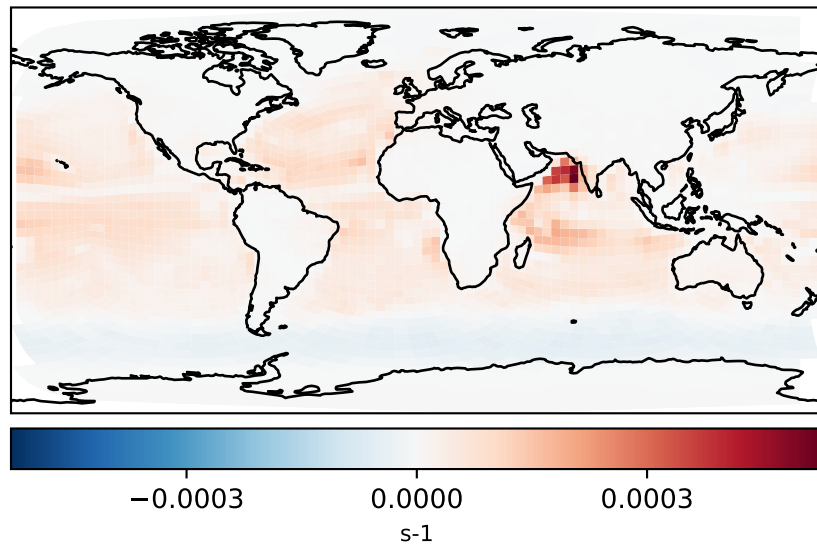
Processed GEOS-FP input, 3-hr winds (Ref)
c24



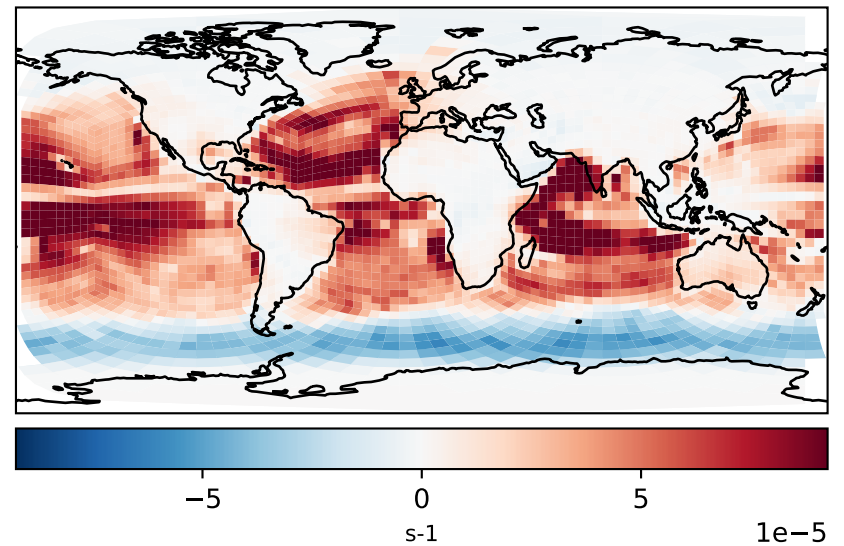
Raw GEOS-FP input, 3-hr winds (Dev)
c24



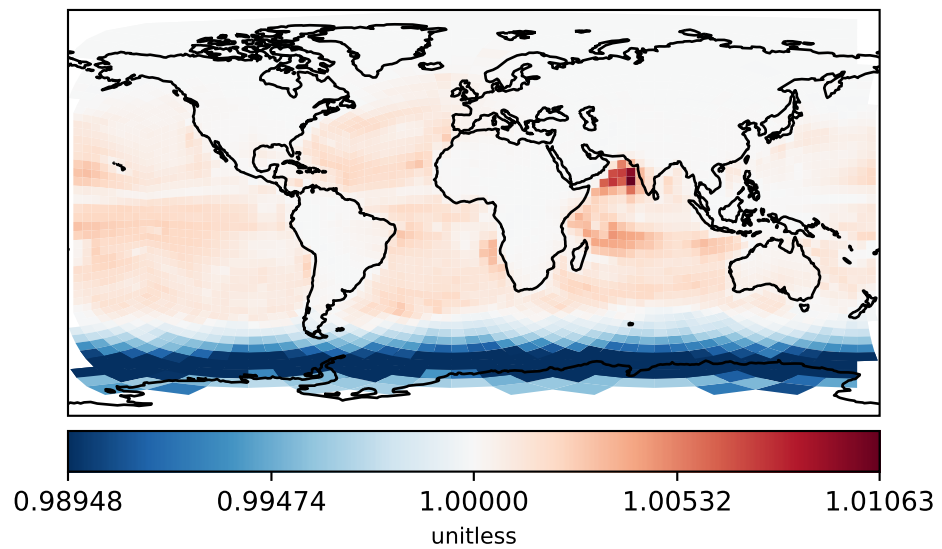
Difference
Dev - Ref, Dynamic Range



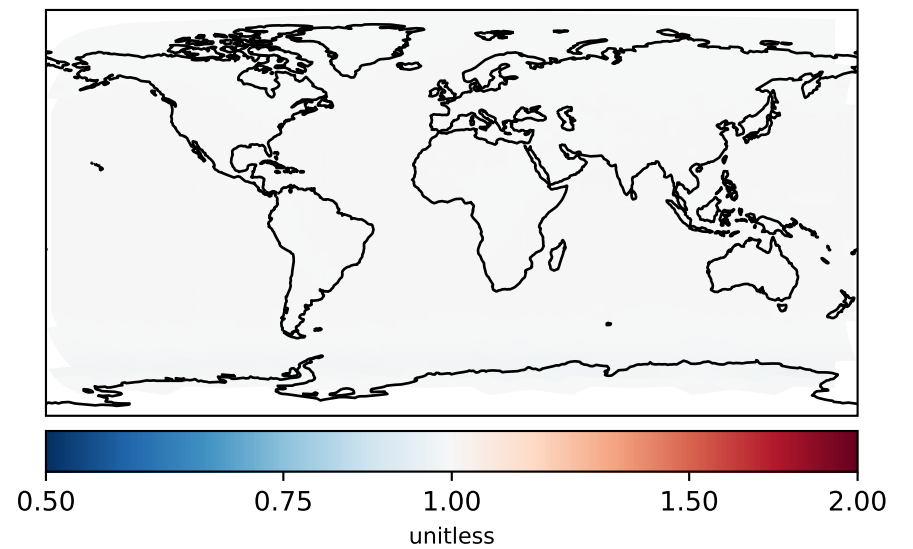
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

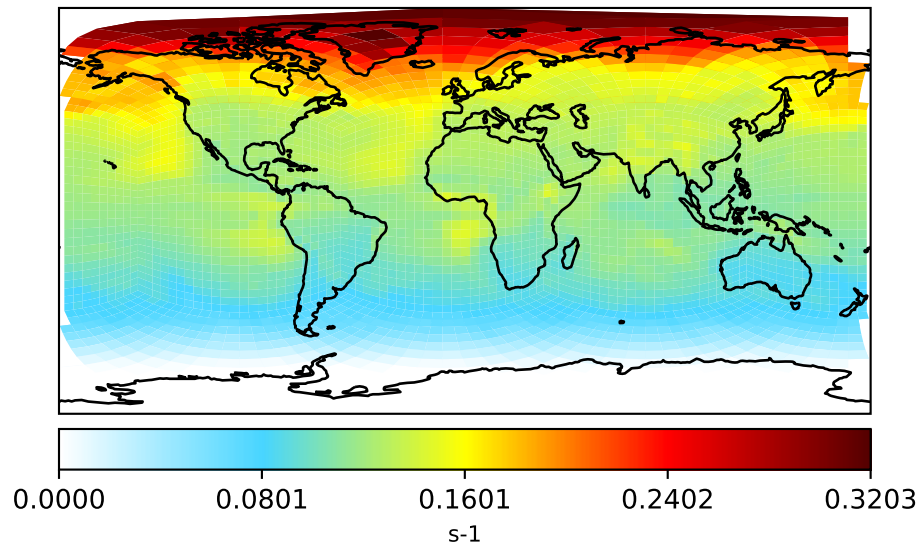


Ratio
Dev/Ref, Fixed Range

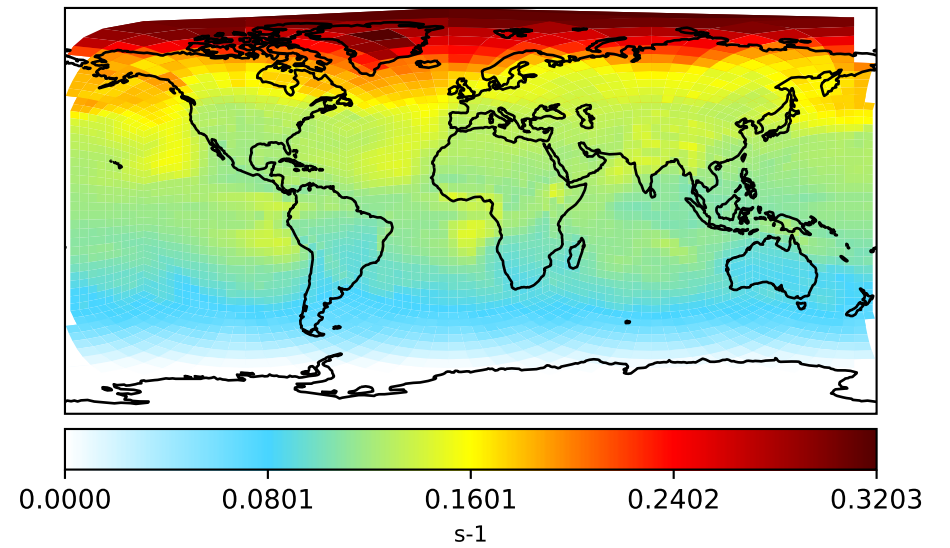


Jval_OIO

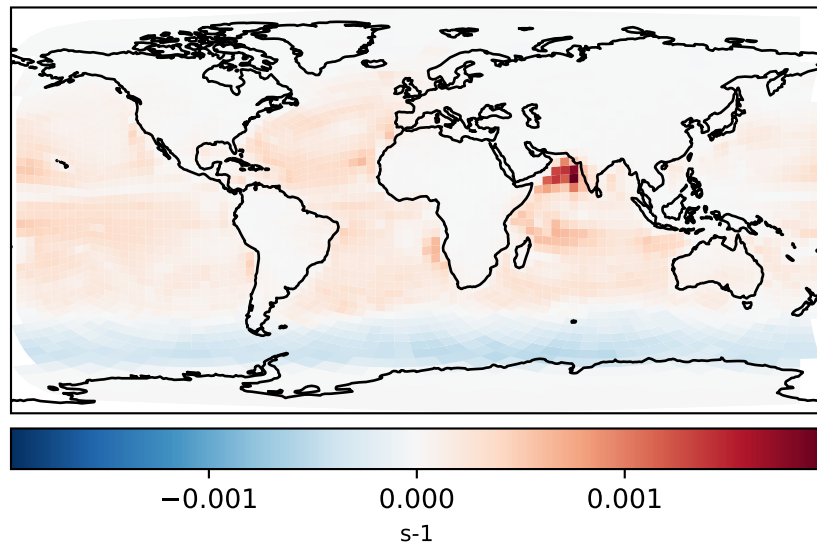
Processed GEOS-FP input, 3-hr winds (Ref)
c24



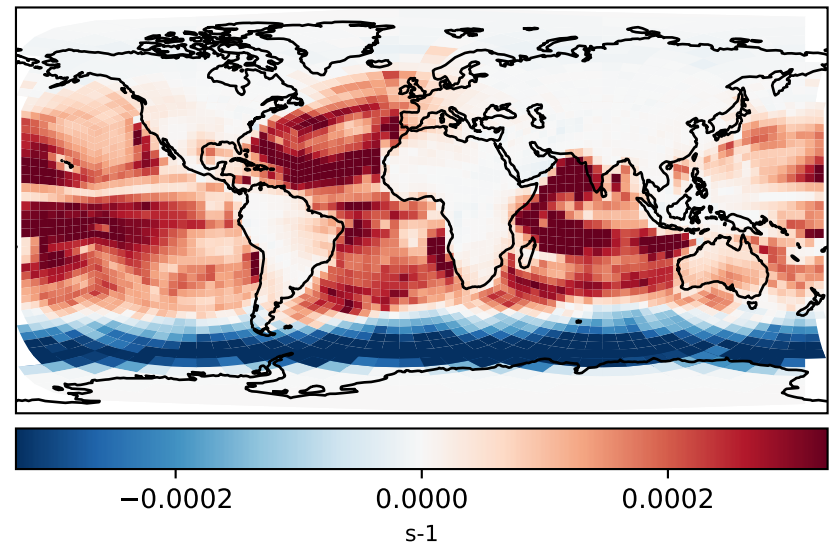
Raw GEOS-FP input, 3-hr winds (Dev)
c24



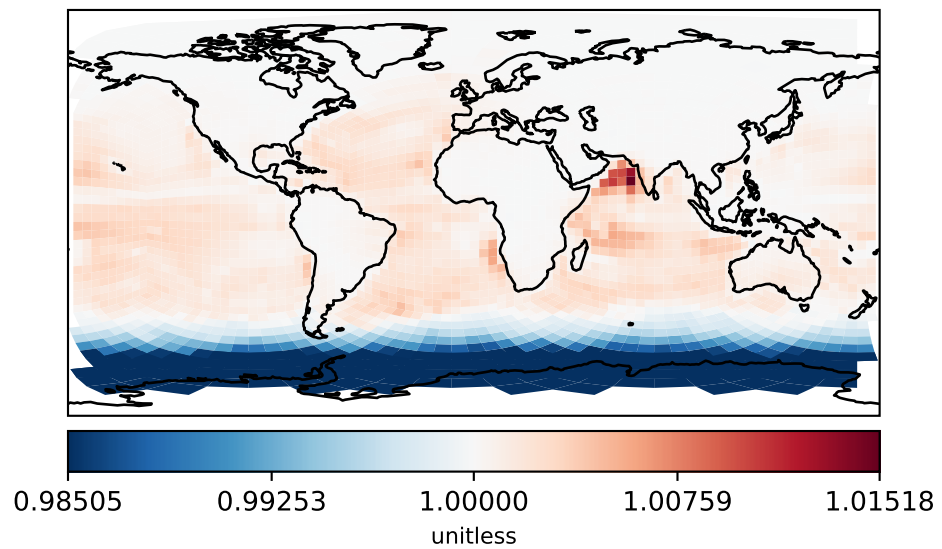
Difference
Dev - Ref, Dynamic Range



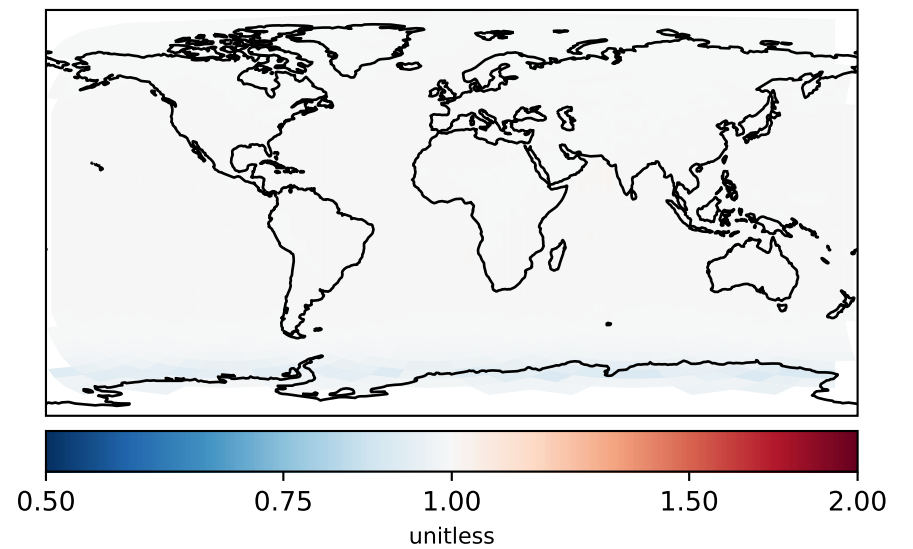
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

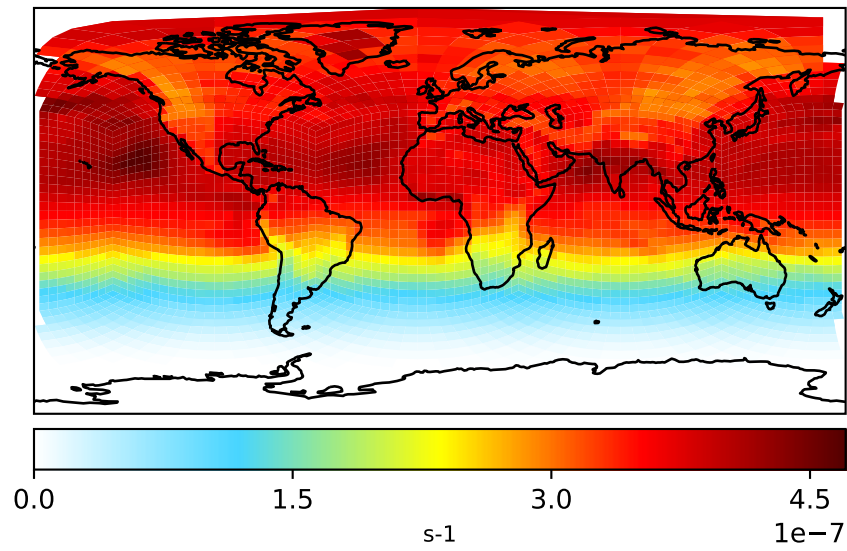


Ratio
Dev/Ref, Fixed Range

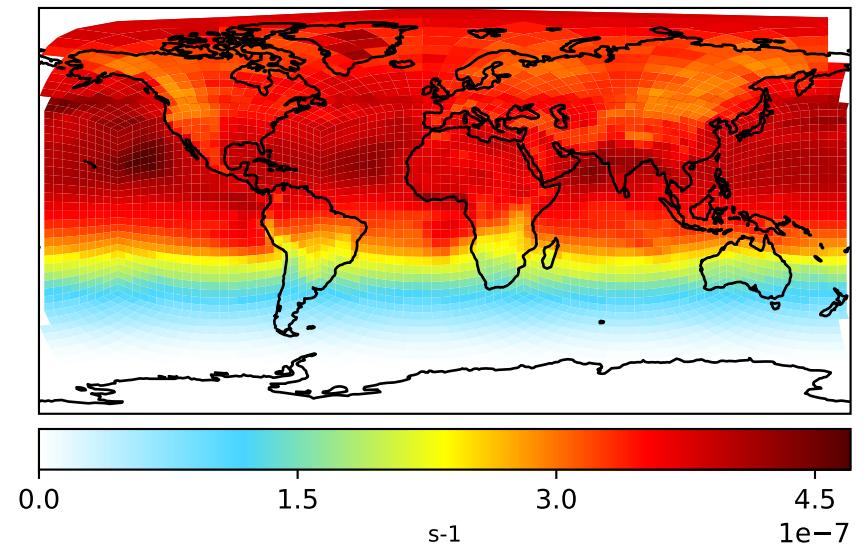


Jval_PAN

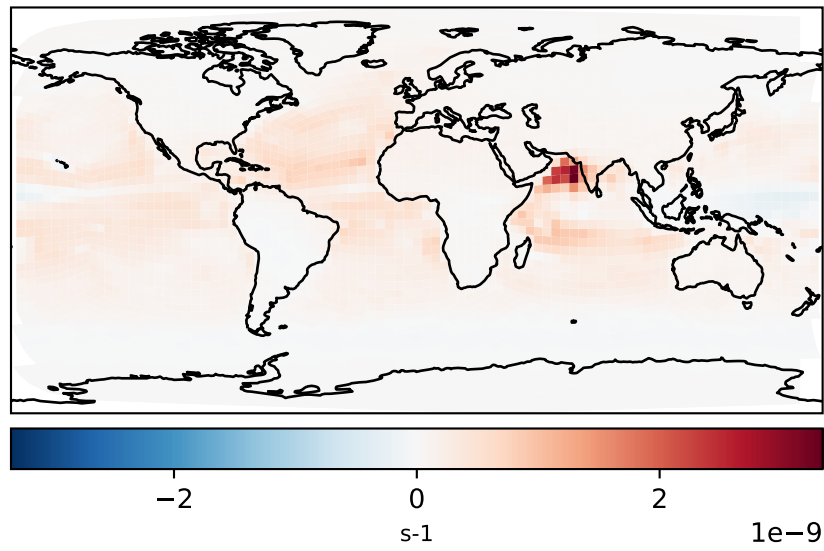
Processed GEOS-FP input, 3-hr winds (Ref)
c24



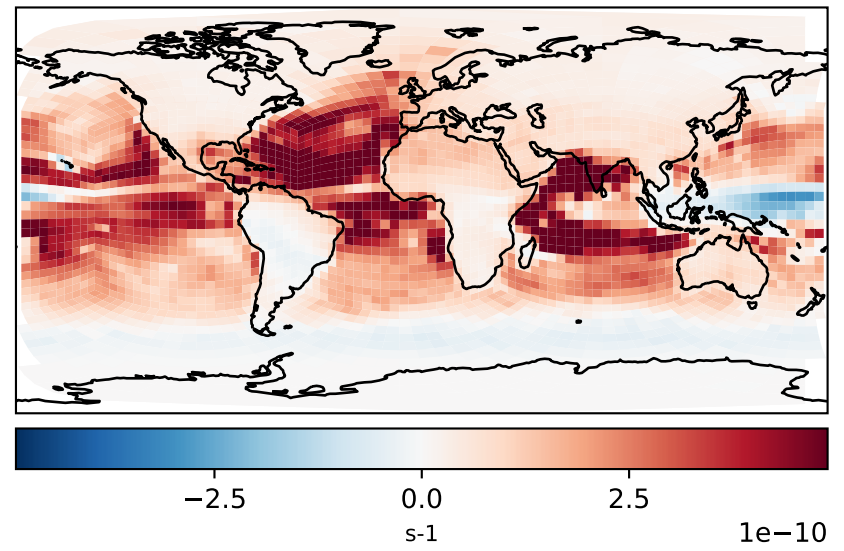
Raw GEOS-FP input, 3-hr winds (Dev)
c24



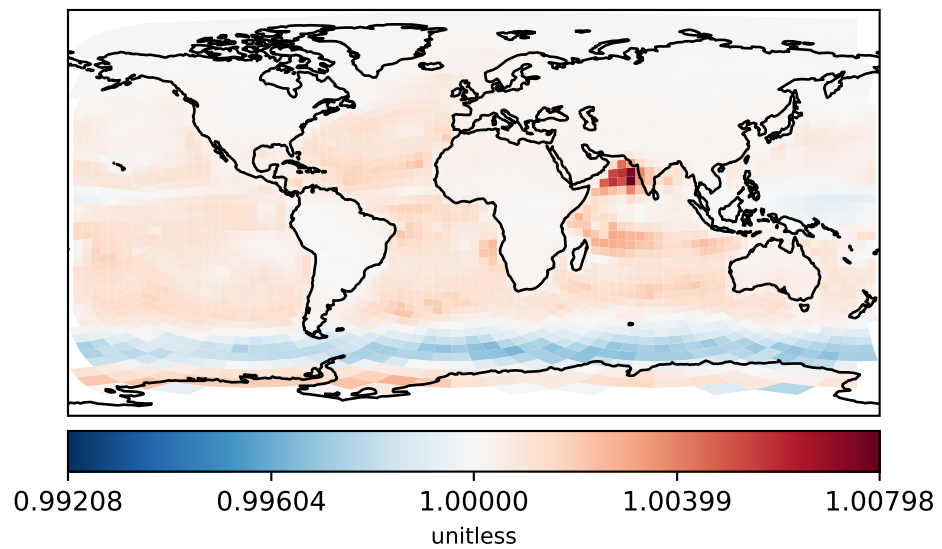
Difference
Dev - Ref, Dynamic Range



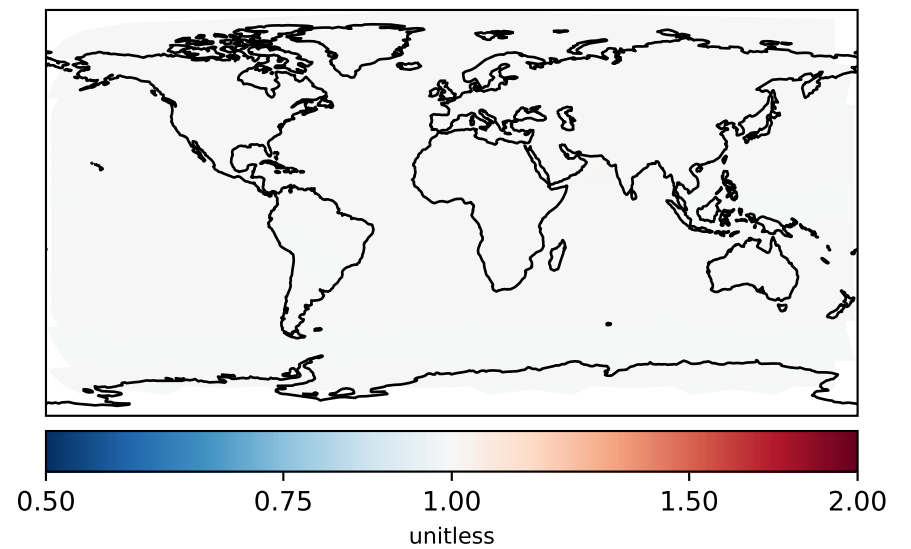
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

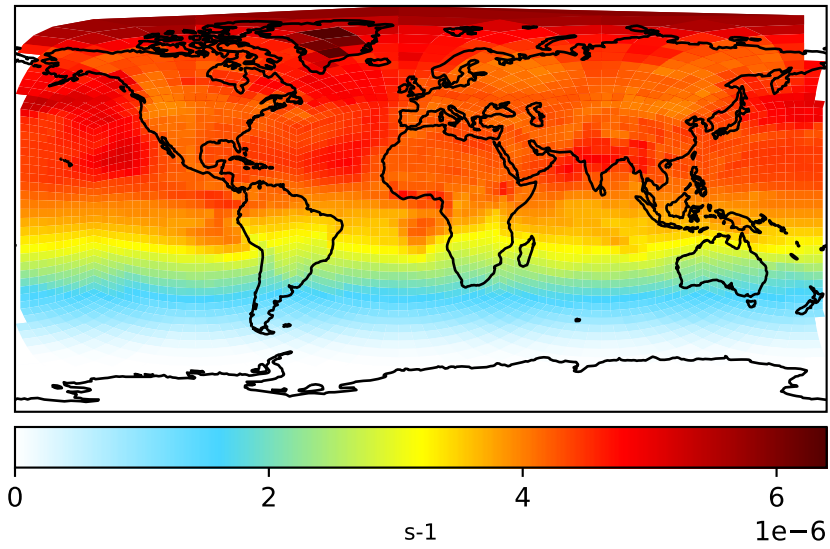


Ratio
Dev/Ref, Fixed Range

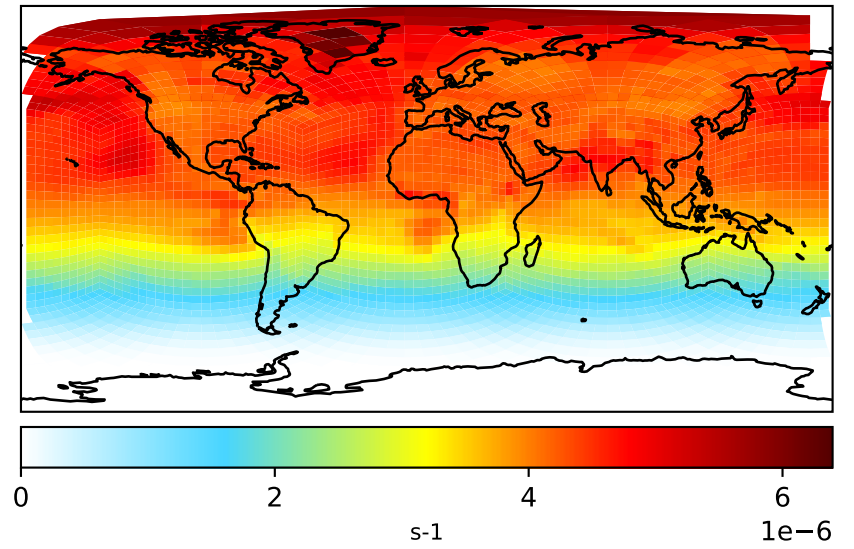


Jval_PIP

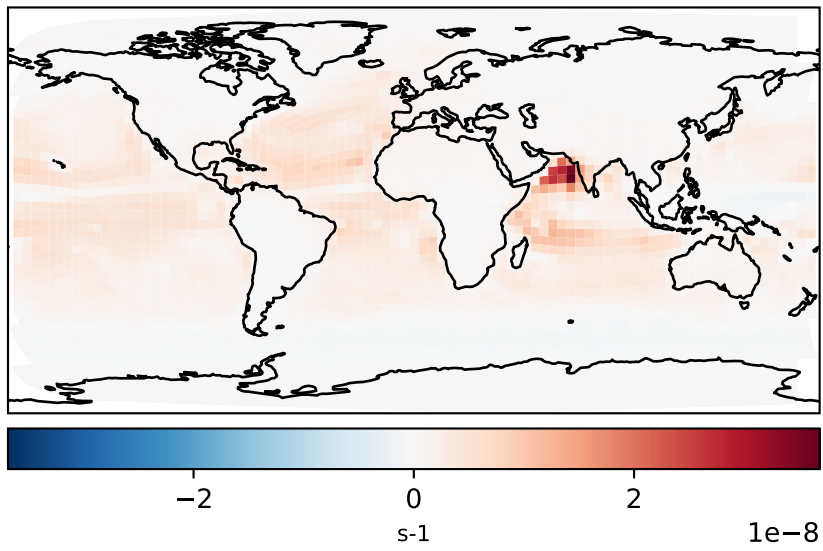
Processed GEOS-FP input, 3-hr winds (Ref)
c24



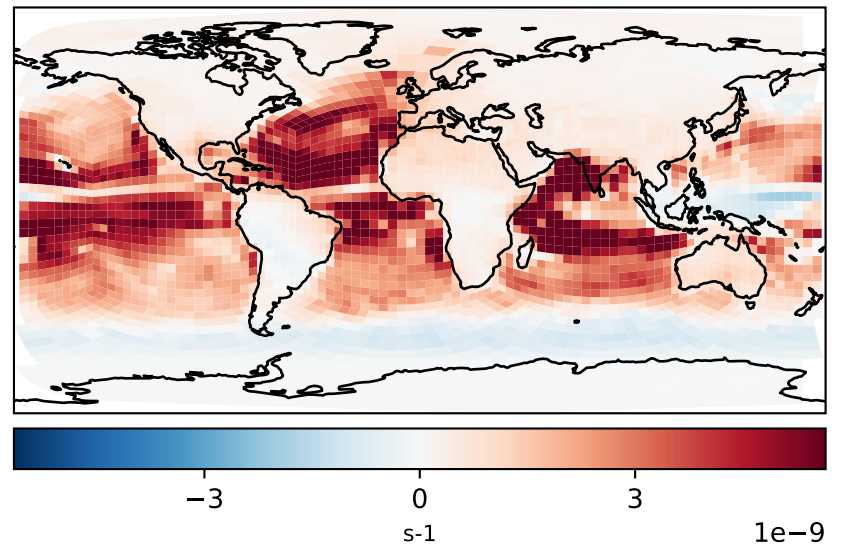
Raw GEOS-FP input, 3-hr winds (Dev)
c24



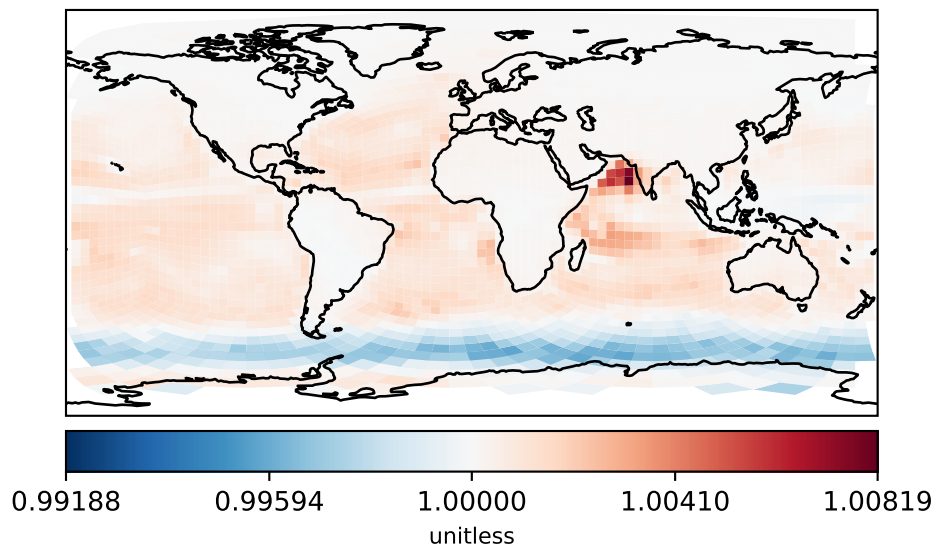
Difference
Dev - Ref, Dynamic Range



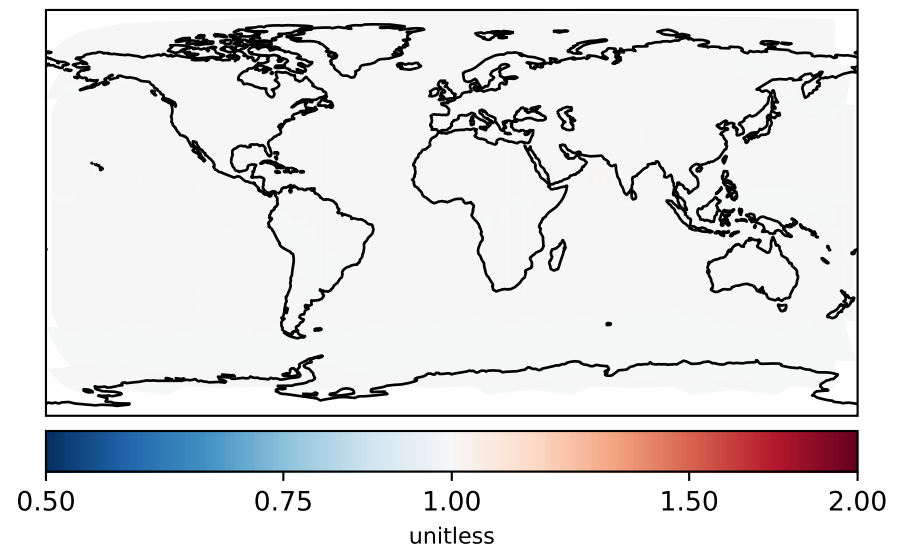
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

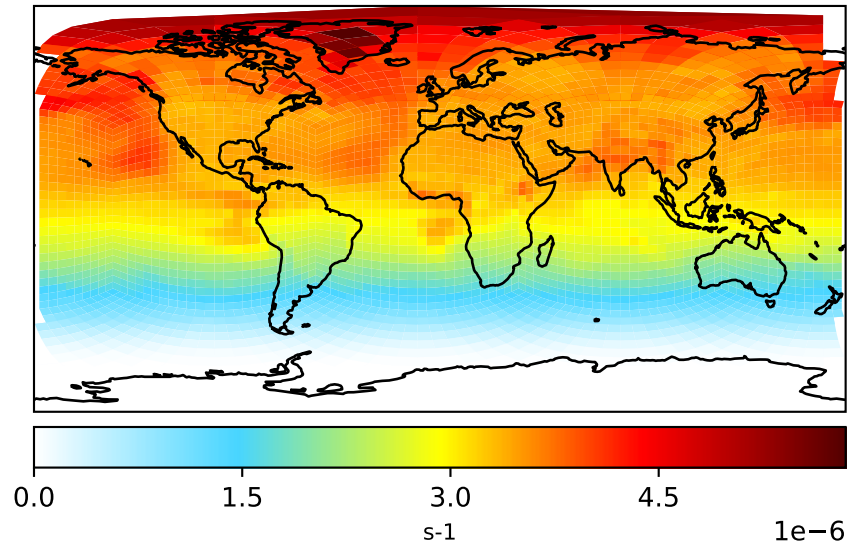


Ratio
Dev/Ref, Fixed Range

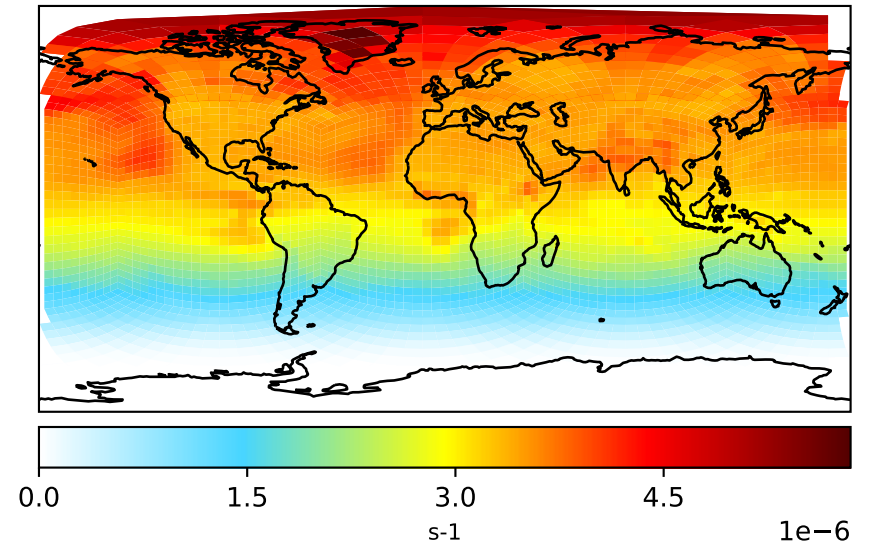


Jval_PP

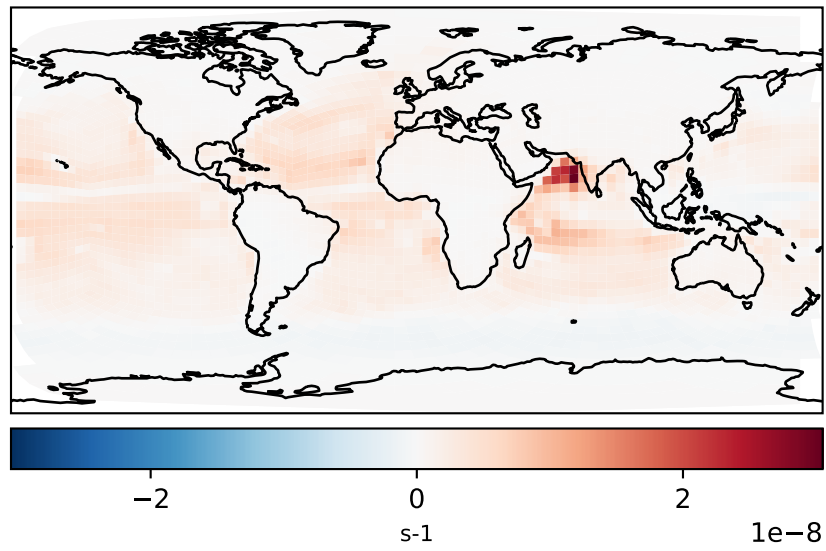
Processed GEOS-FP input, 3-hr winds (Ref)
c24



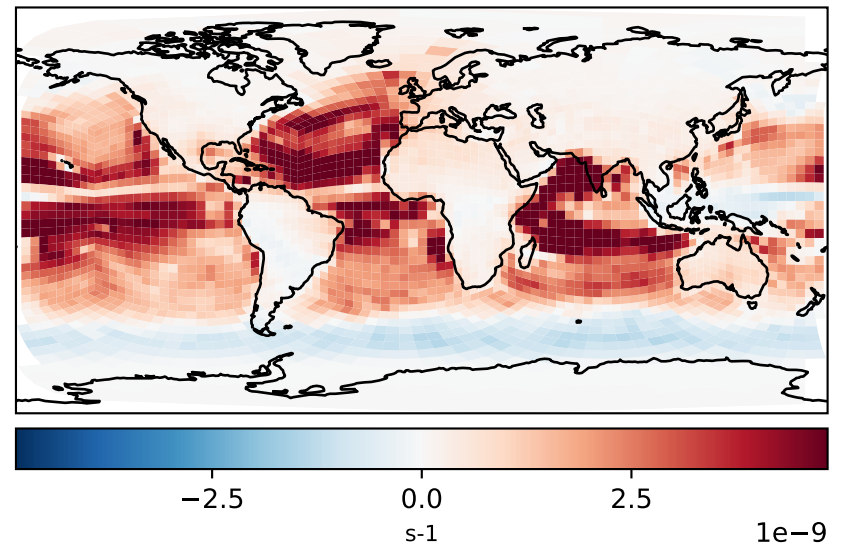
Raw GEOS-FP input, 3-hr winds (Dev)
c24



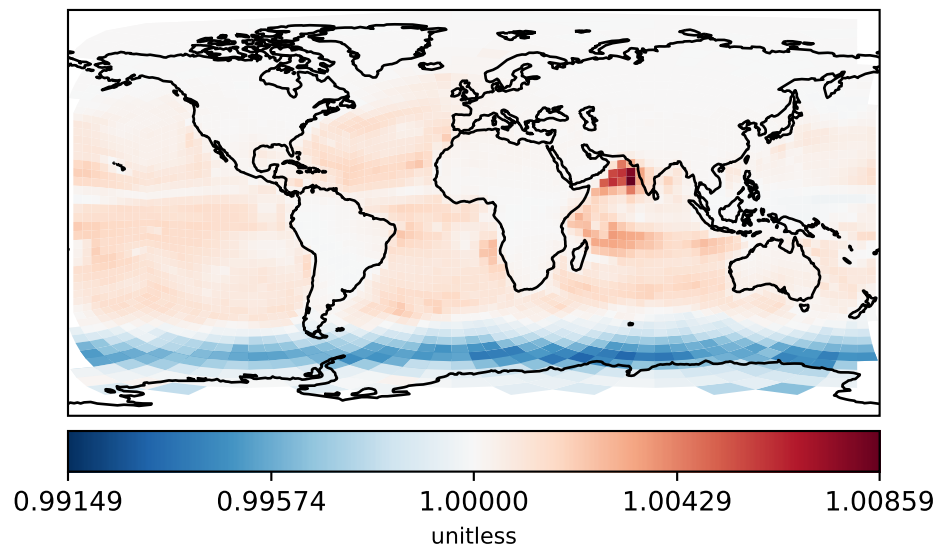
Difference
Dev - Ref, Dynamic Range



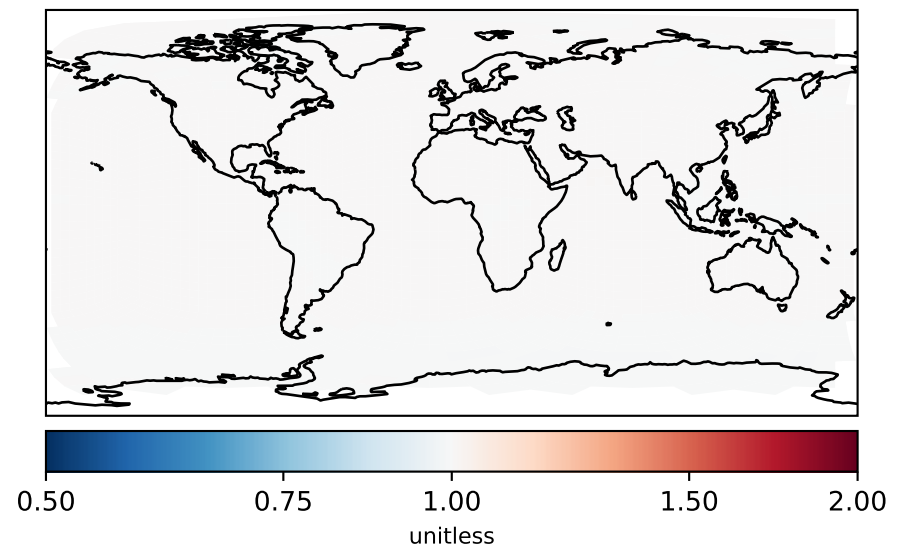
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

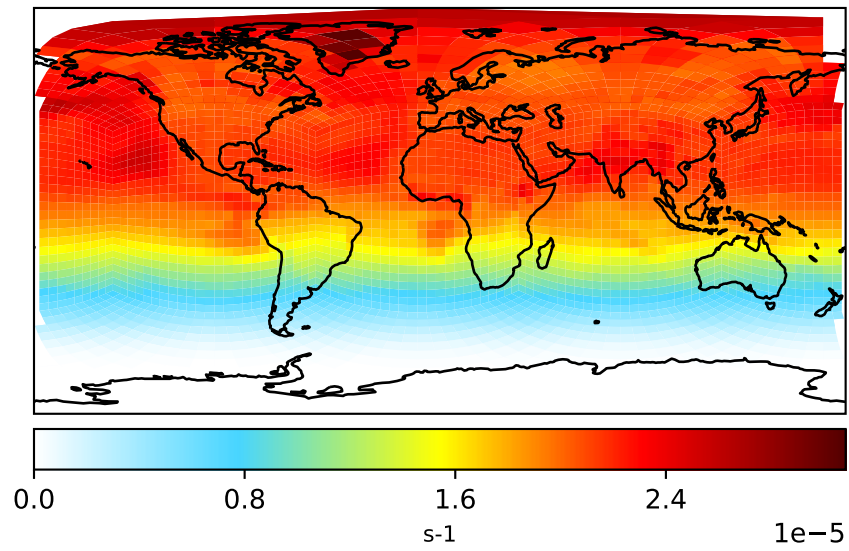


Ratio
Dev/Ref, Fixed Range

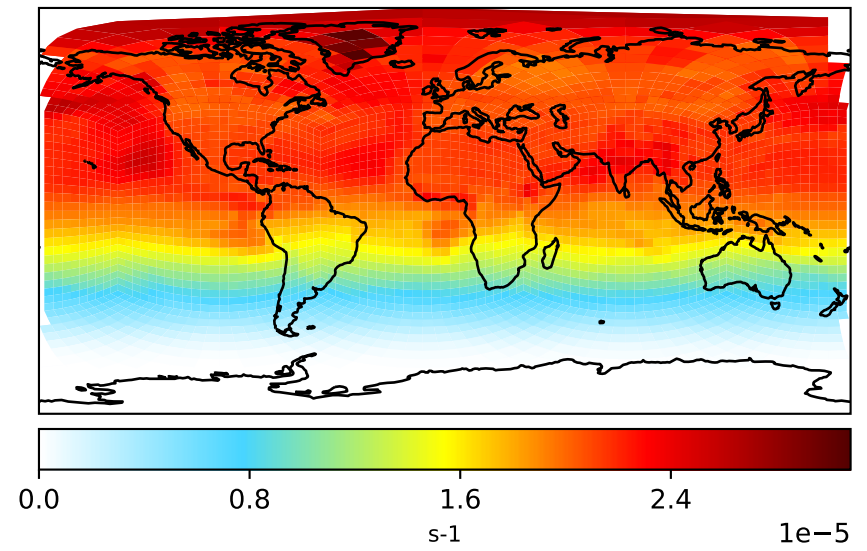


Jval_PROPNN

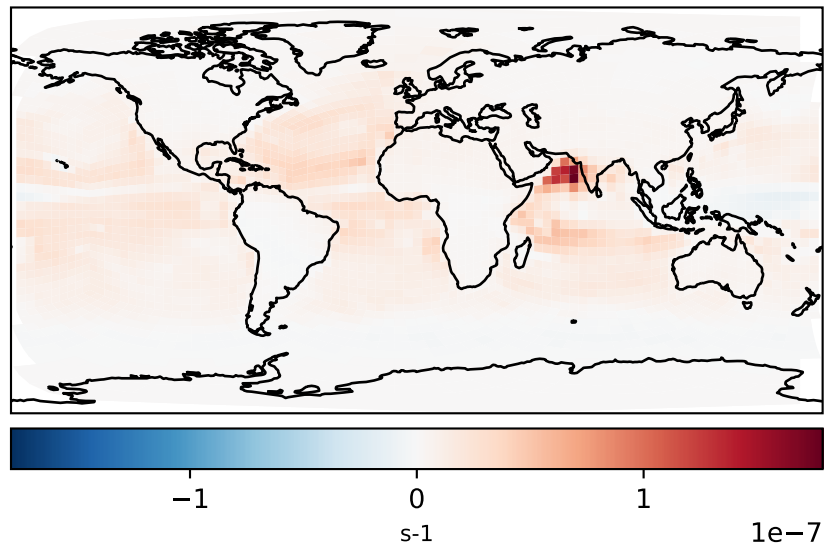
Processed GEOS-FP input, 3-hr winds (Ref)
c24



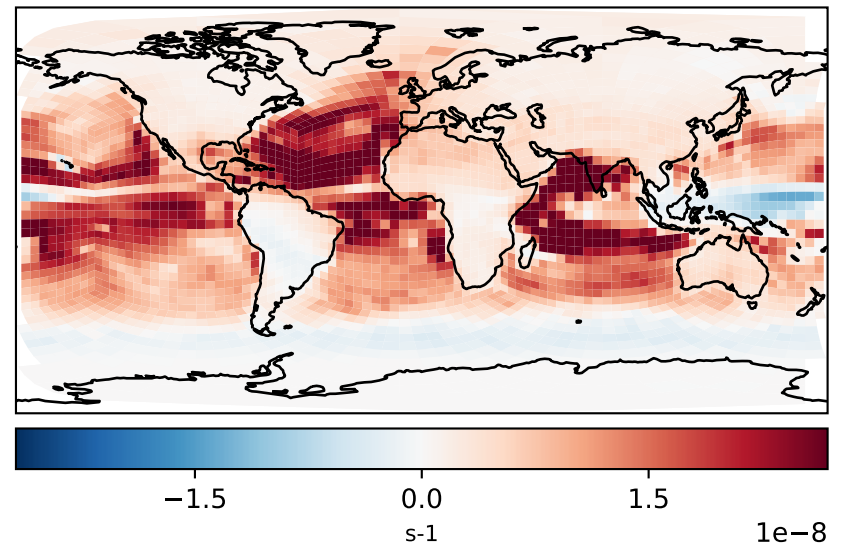
Raw GEOS-FP input, 3-hr winds (Dev)
c24



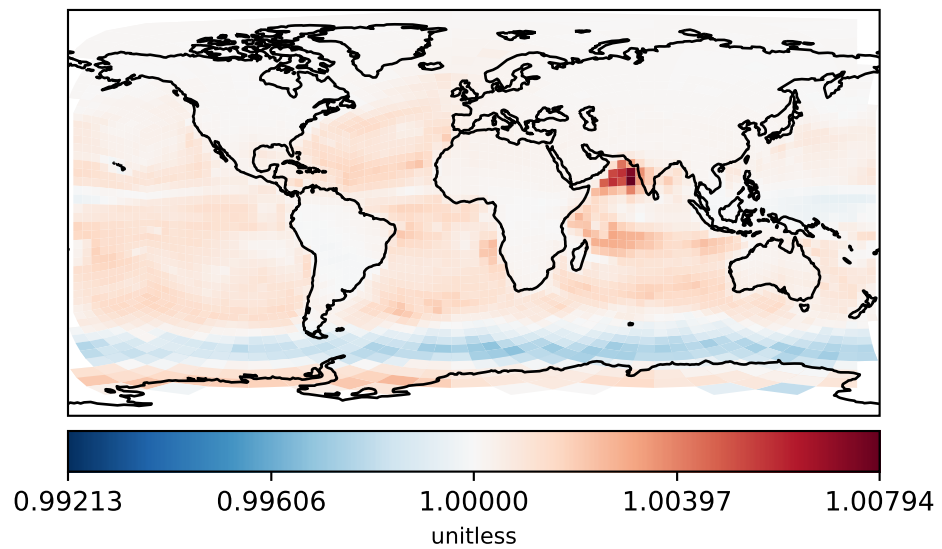
Difference
Dev - Ref, Dynamic Range



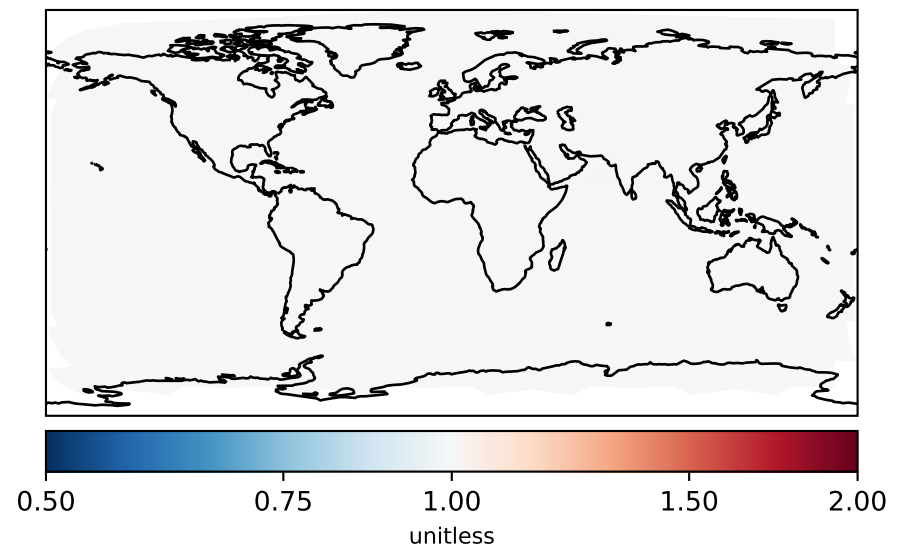
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

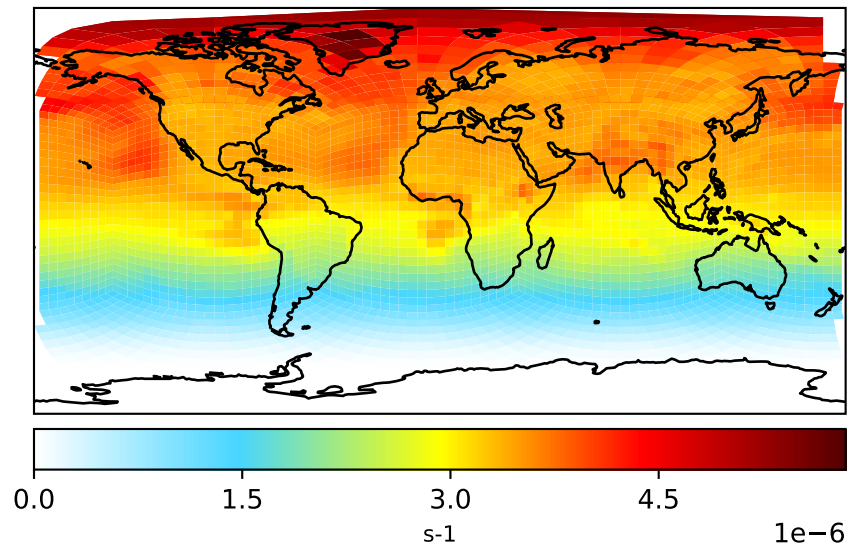


Ratio
Dev/Ref, Fixed Range

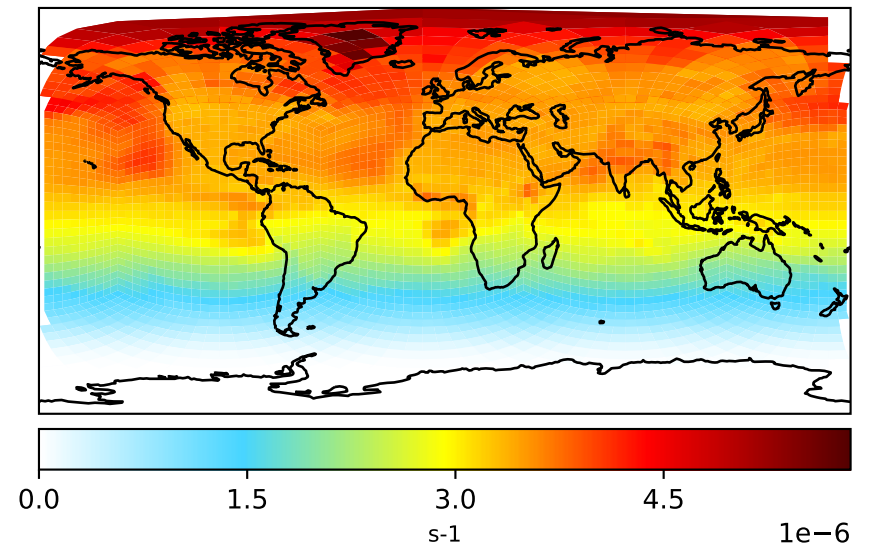


Jval_PRPN

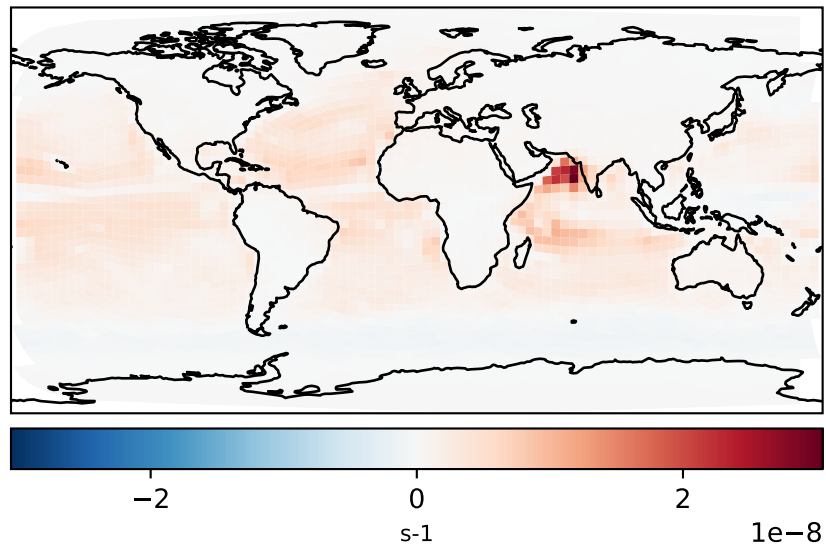
Processed GEOS-FP input, 3-hr winds (Ref)
c24



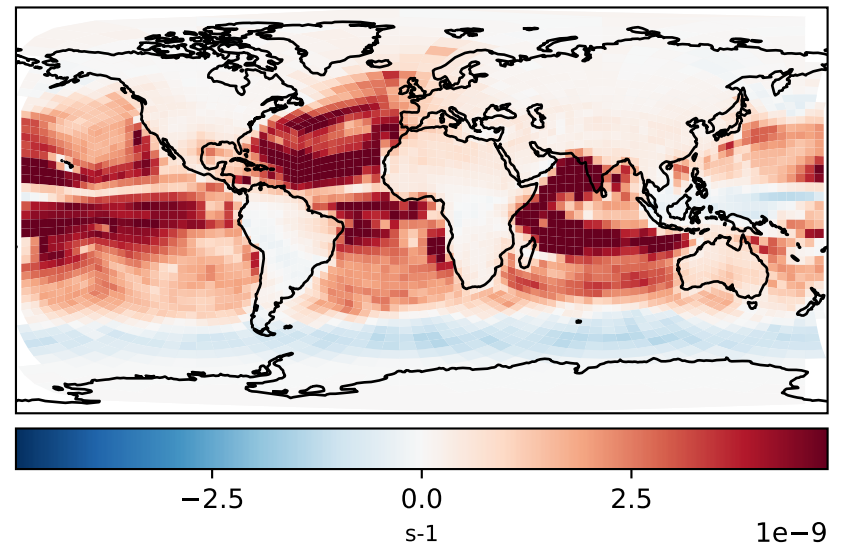
Raw GEOS-FP input, 3-hr winds (Dev)
c24



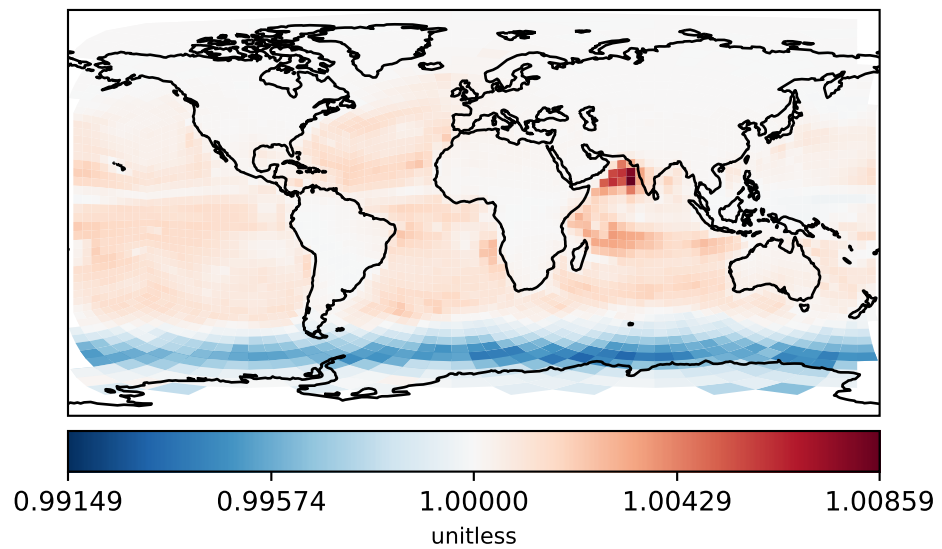
Difference
Dev - Ref, Dynamic Range



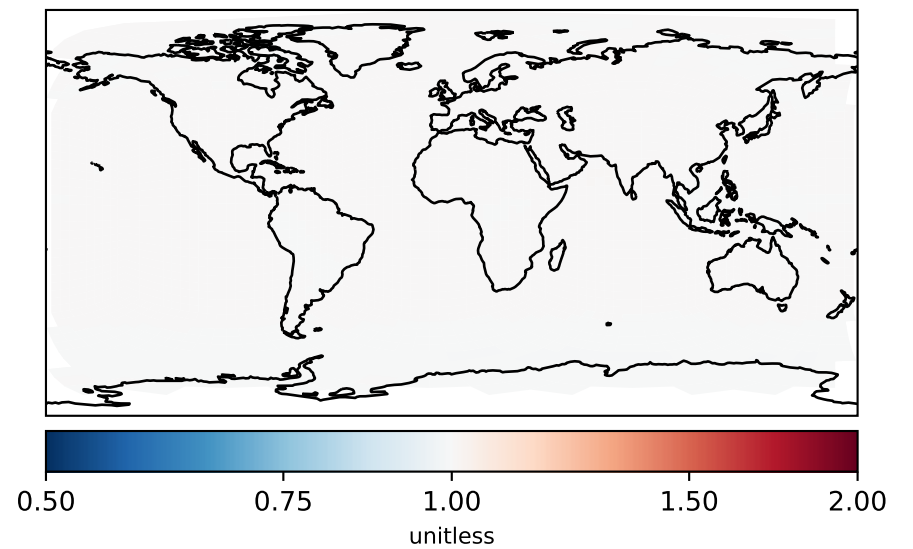
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

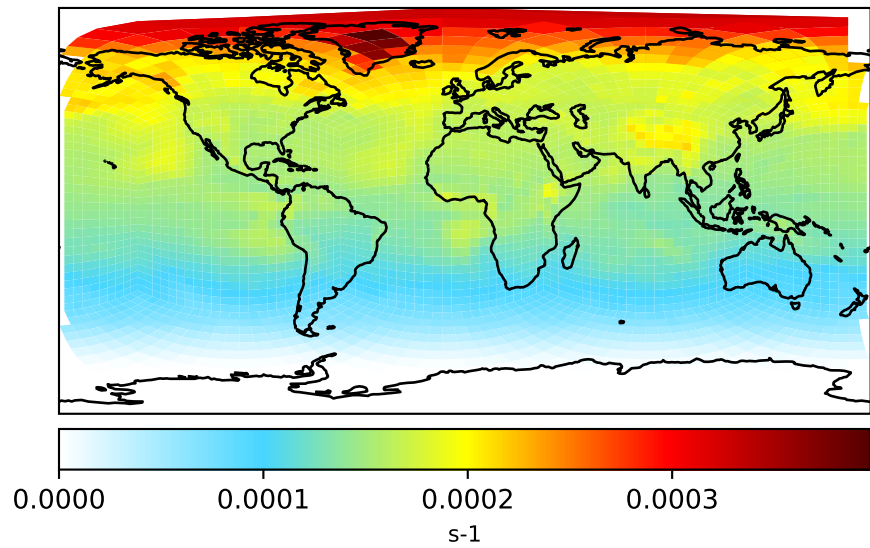


Ratio
Dev/Ref, Fixed Range

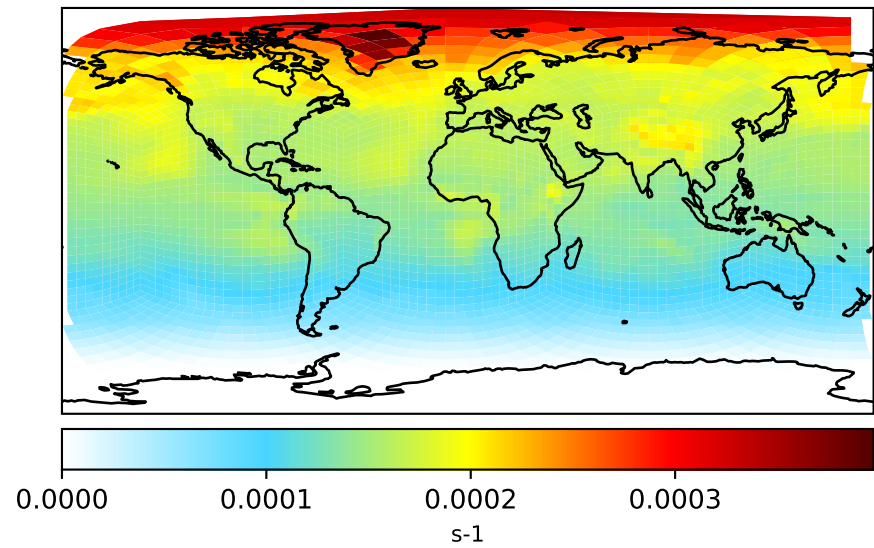


Jval_PYAC

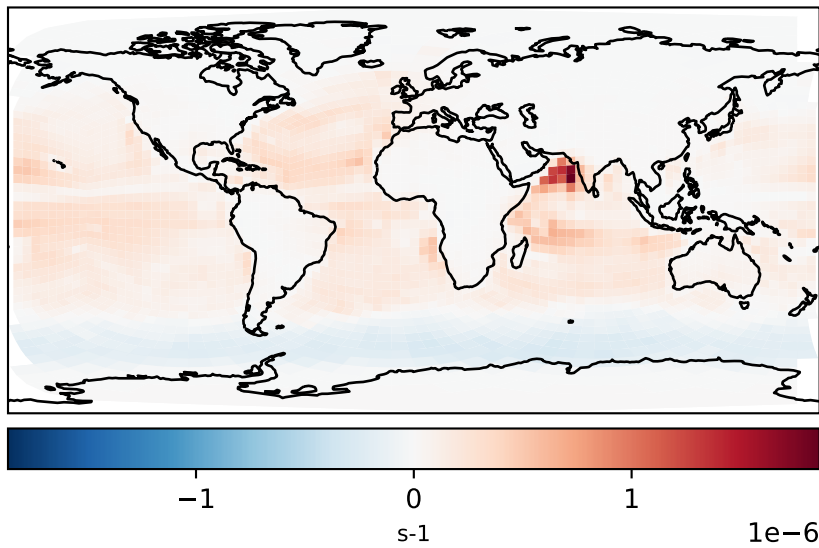
Processed GEOS-FP input, 3-hr winds (Ref)
c24



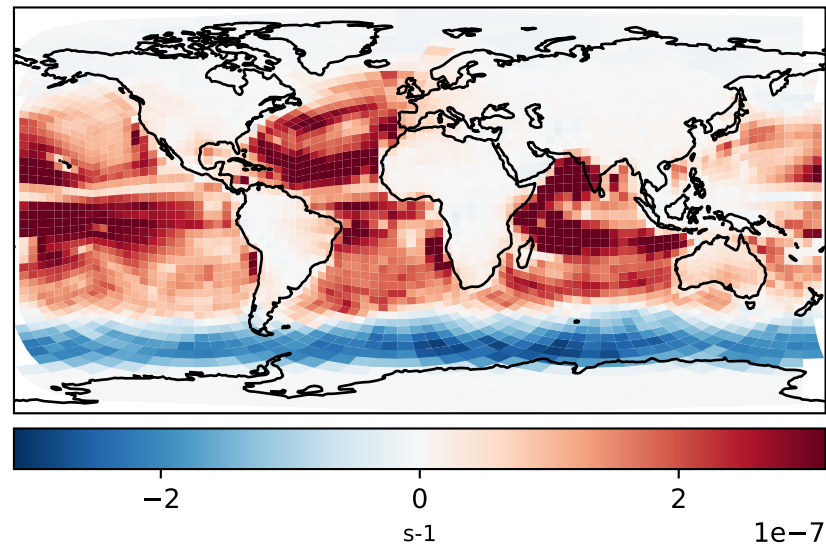
Raw GEOS-FP input, 3-hr winds (Dev)
c24



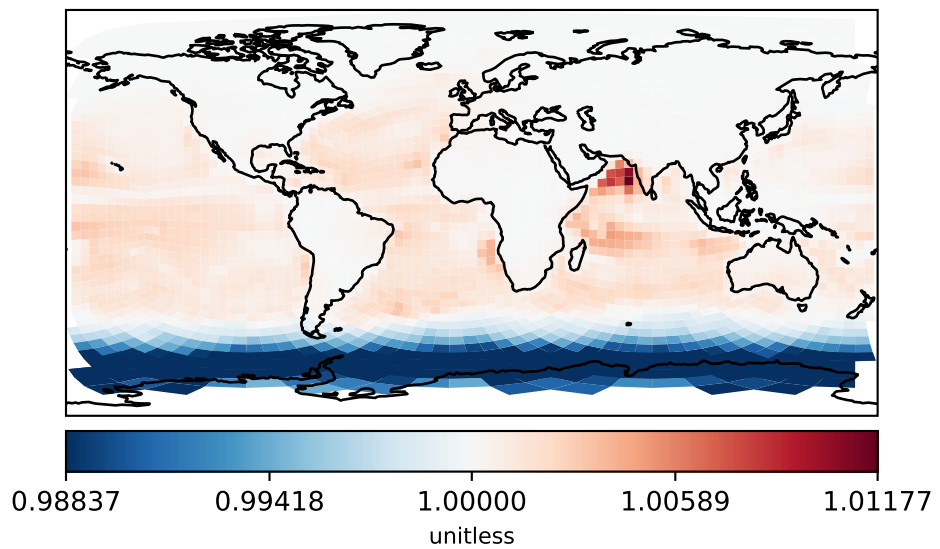
Difference
Dev - Ref, Dynamic Range



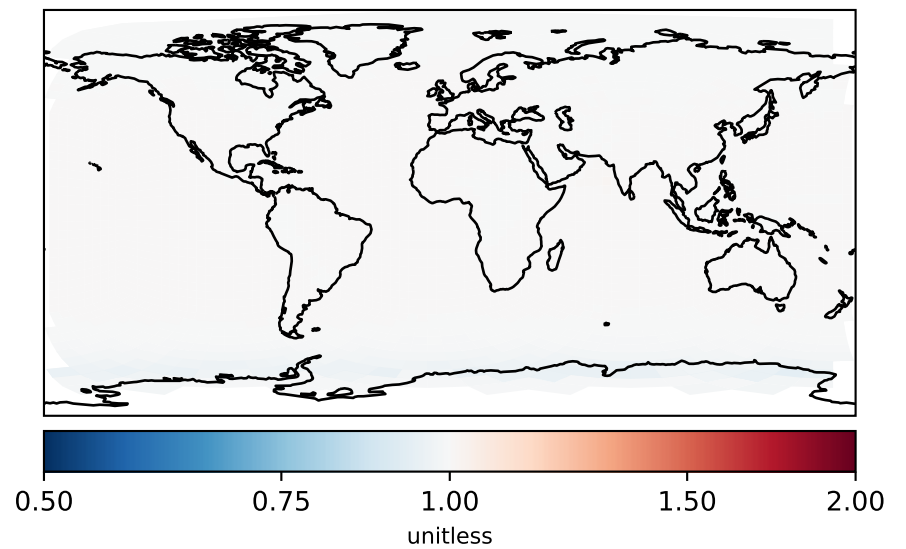
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

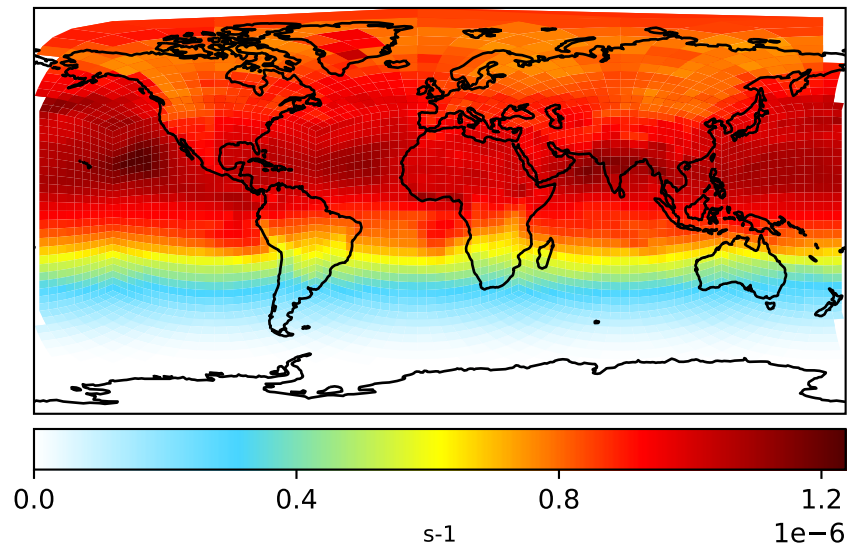


Ratio
Dev/Ref, Fixed Range

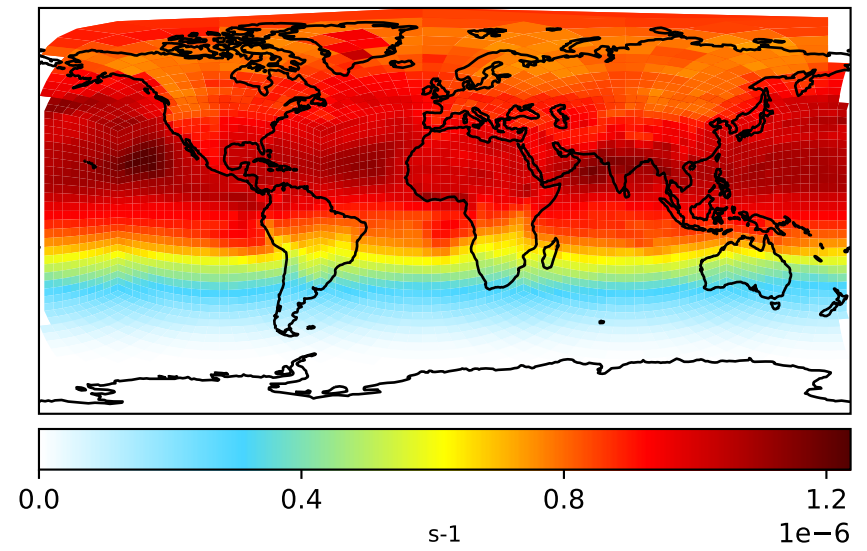


Jval_R4N2

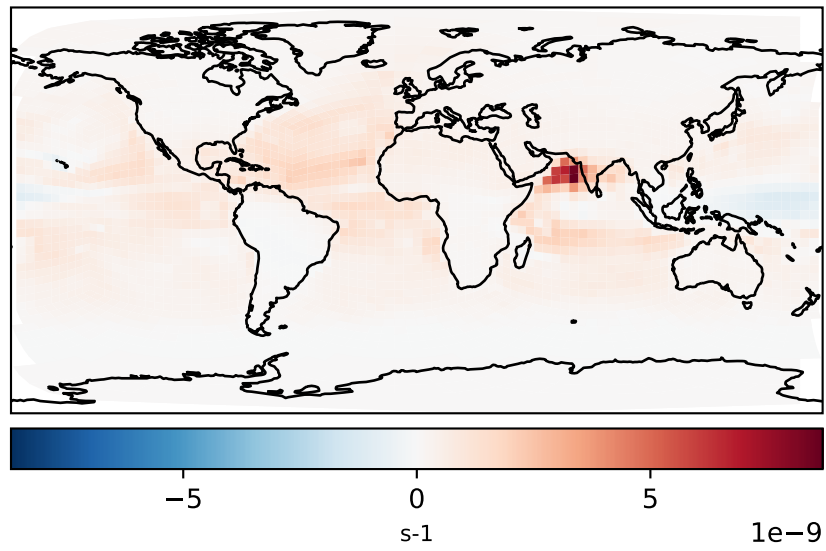
Processed GEOS-FP input, 3-hr winds (Ref)
c24



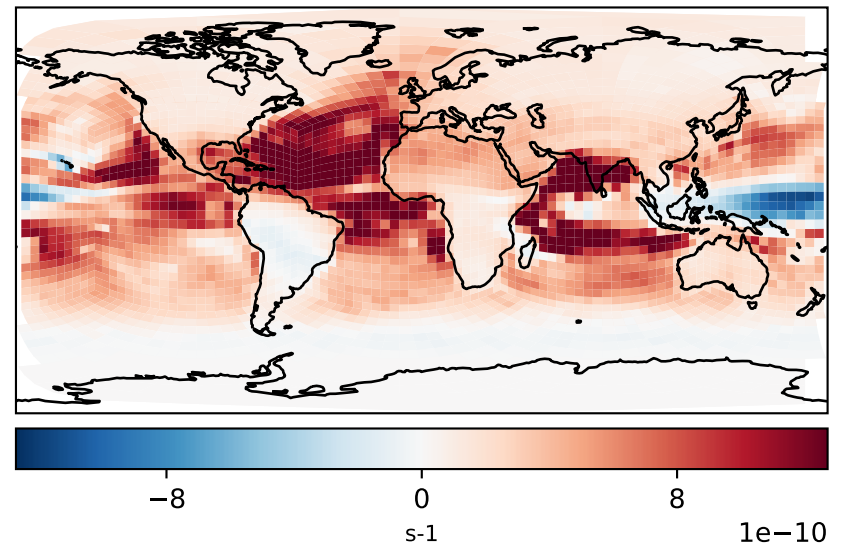
Raw GEOS-FP input, 3-hr winds (Dev)
c24



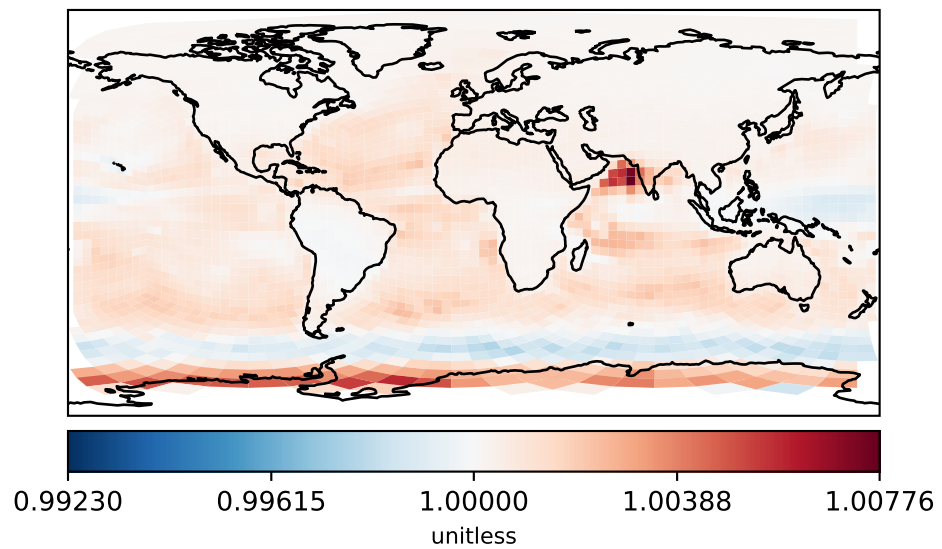
Difference
Dev - Ref, Dynamic Range



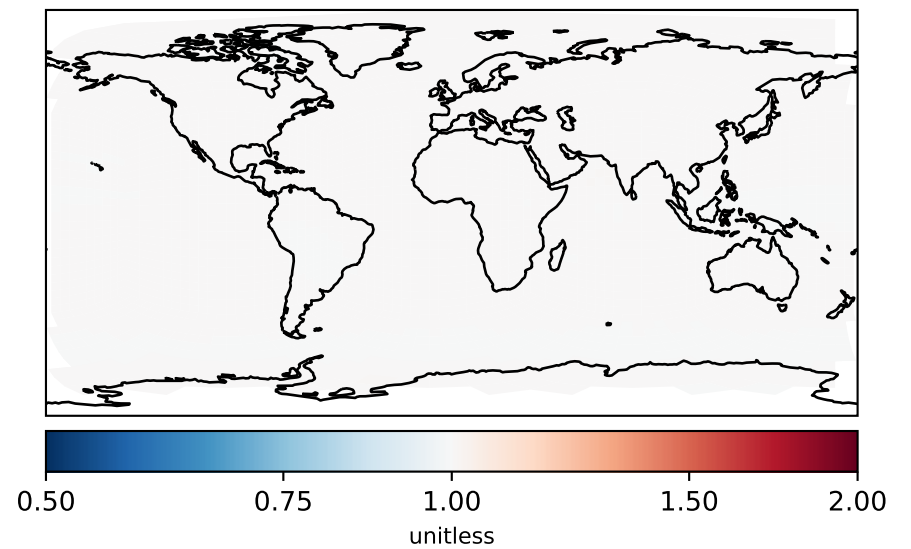
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

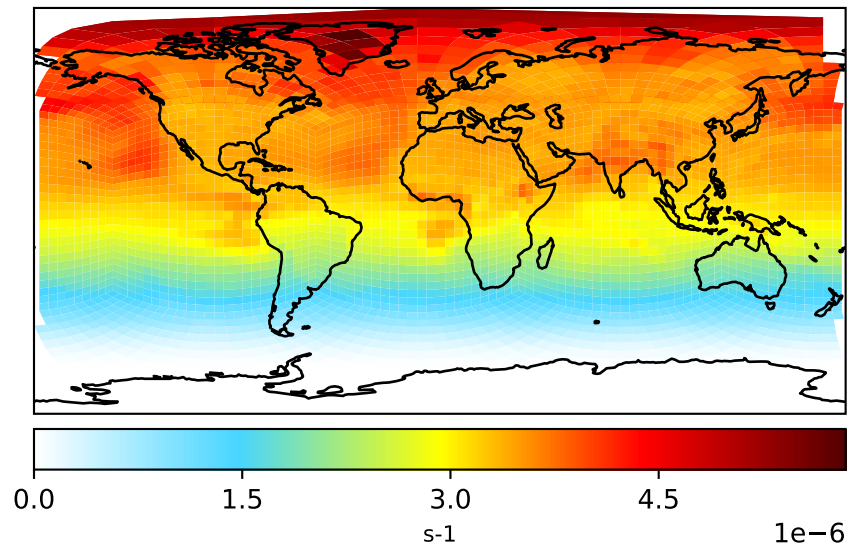


Ratio
Dev/Ref, Fixed Range

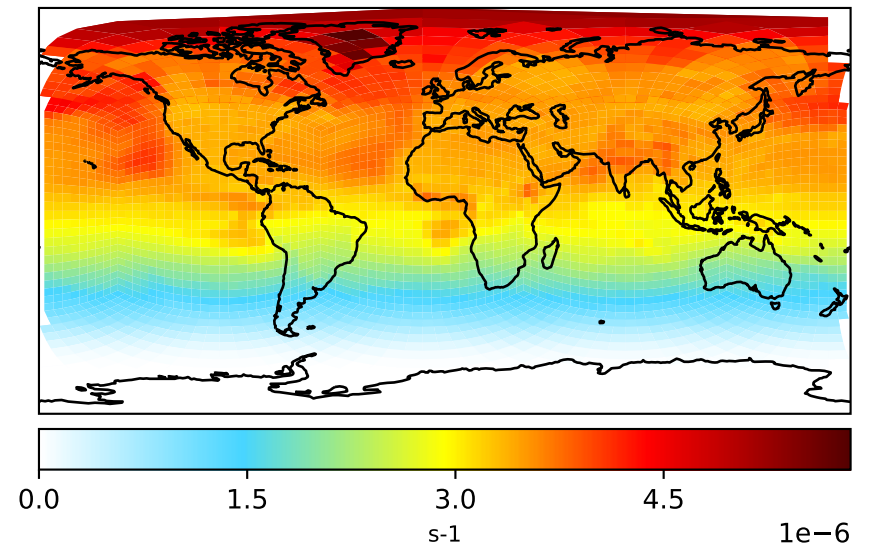


Jval_R4P

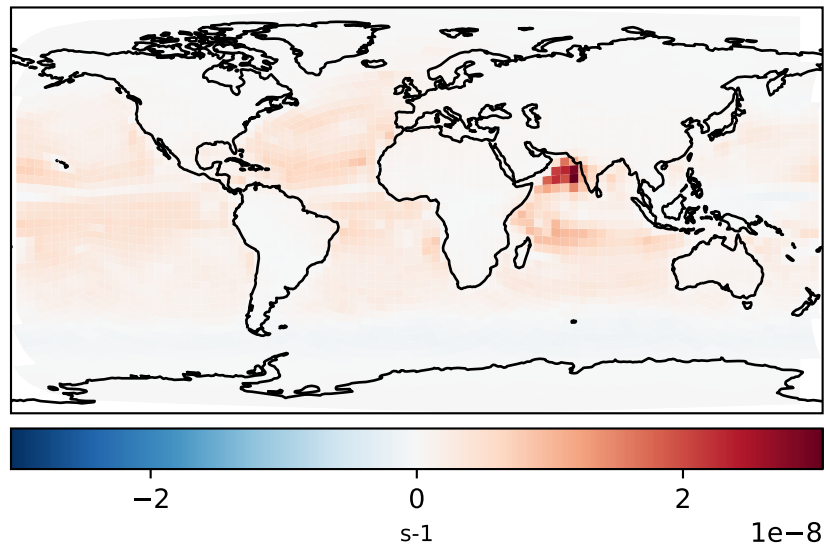
Processed GEOS-FP input, 3-hr winds (Ref)
c24



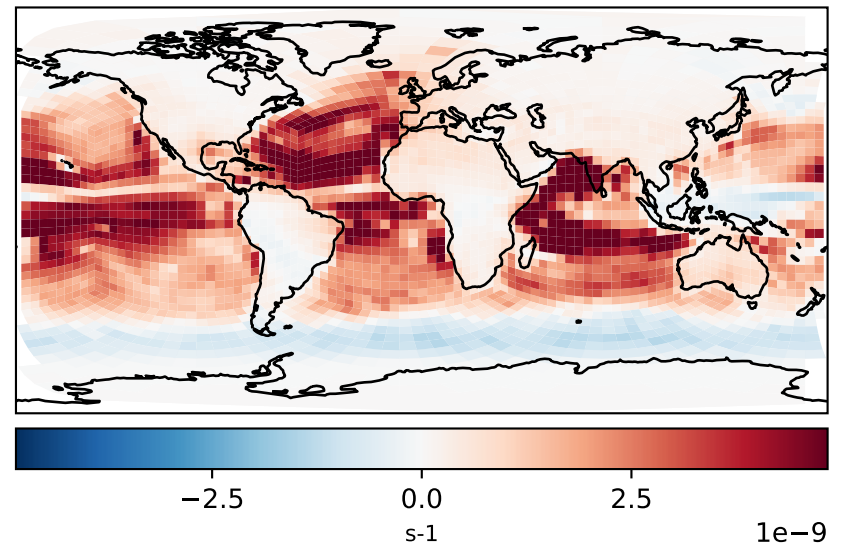
Raw GEOS-FP input, 3-hr winds (Dev)
c24



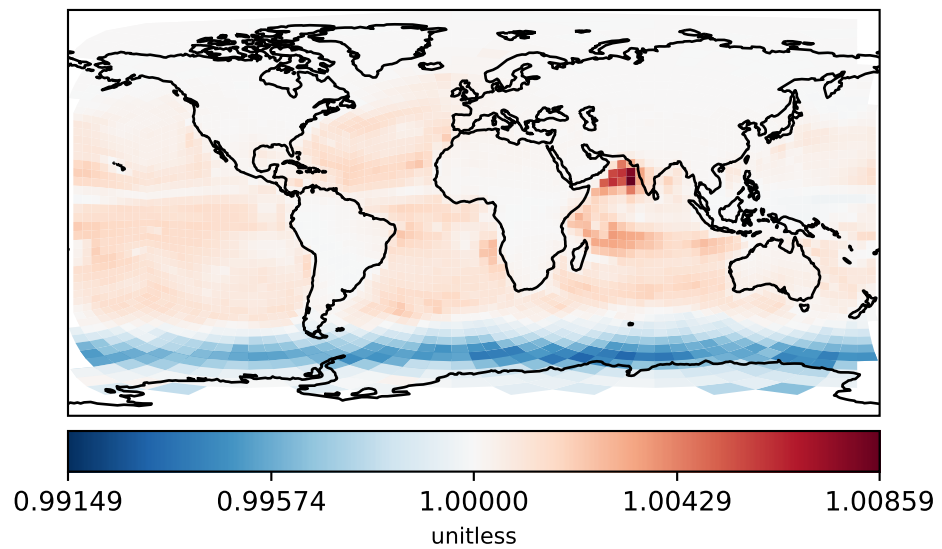
Difference
Dev - Ref, Dynamic Range



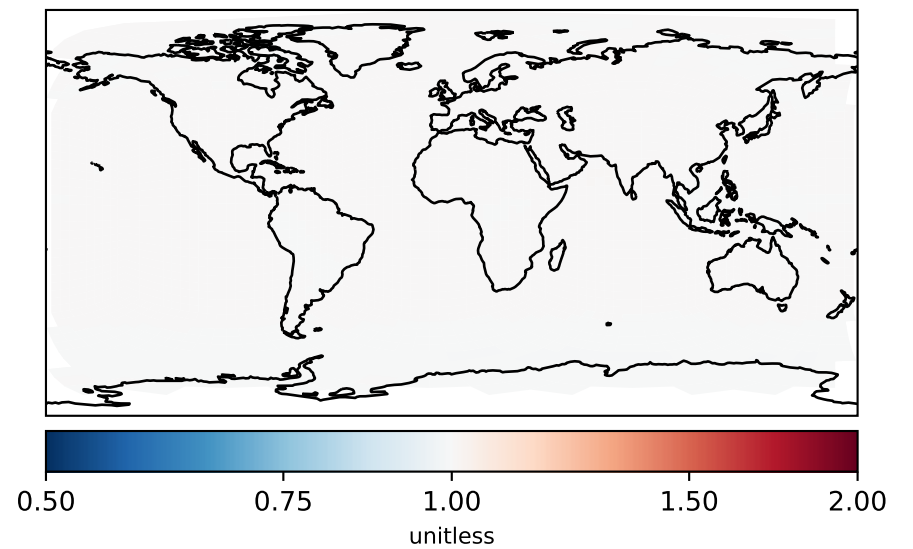
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

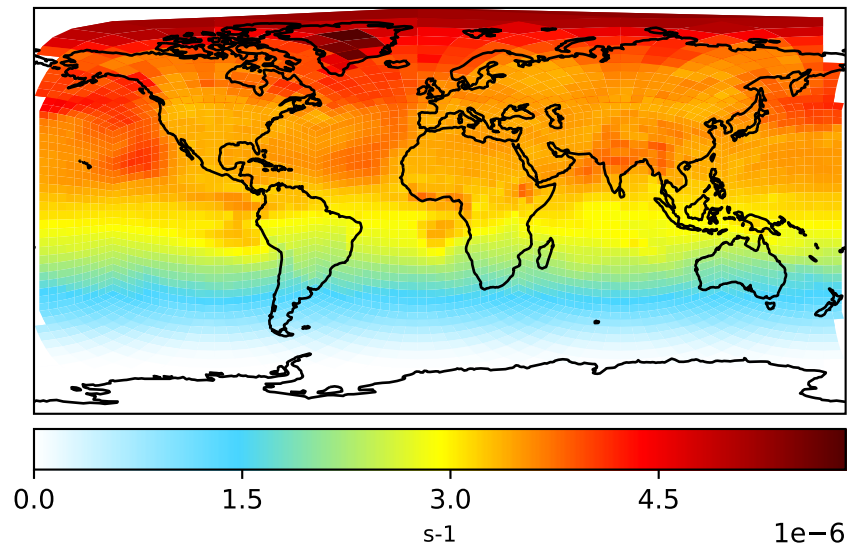


Ratio
Dev/Ref, Fixed Range

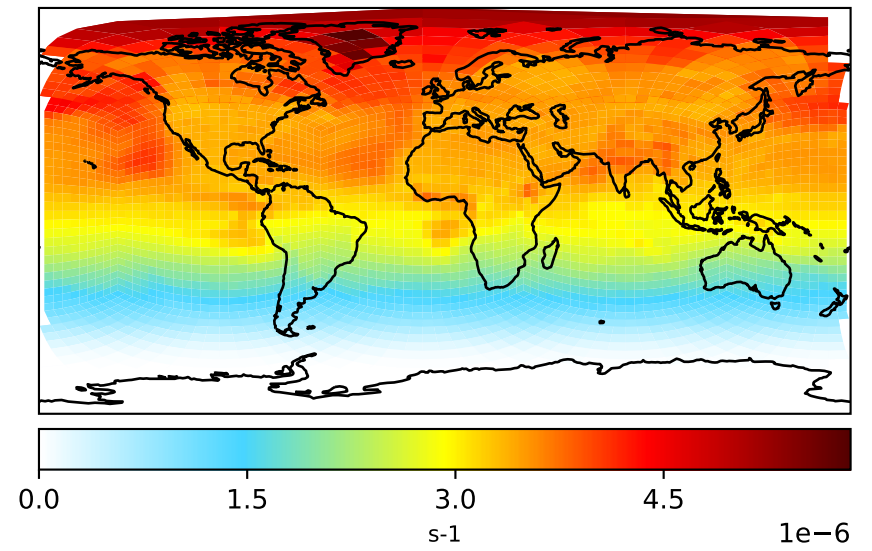


Jval_RA3P

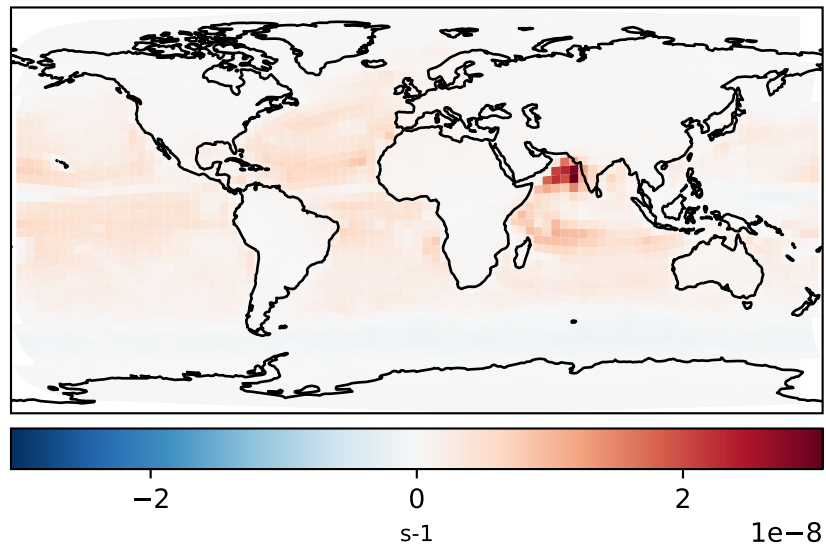
Processed GEOS-FP input, 3-hr winds (Ref)
c24



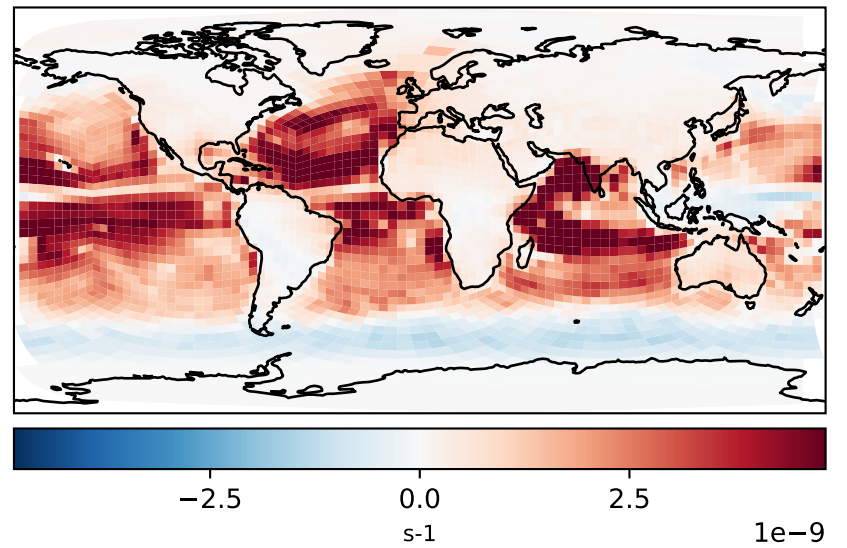
Raw GEOS-FP input, 3-hr winds (Dev)
c24



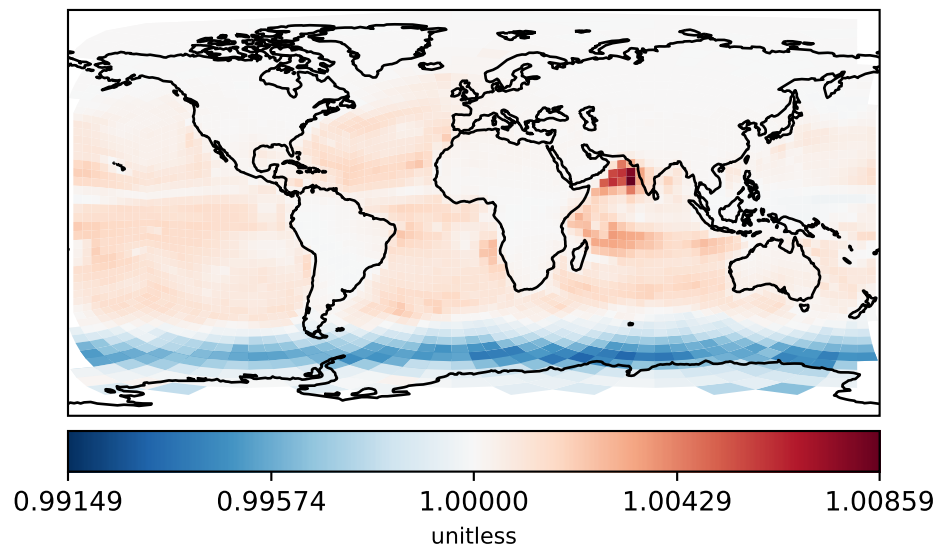
Difference
Dev - Ref, Dynamic Range



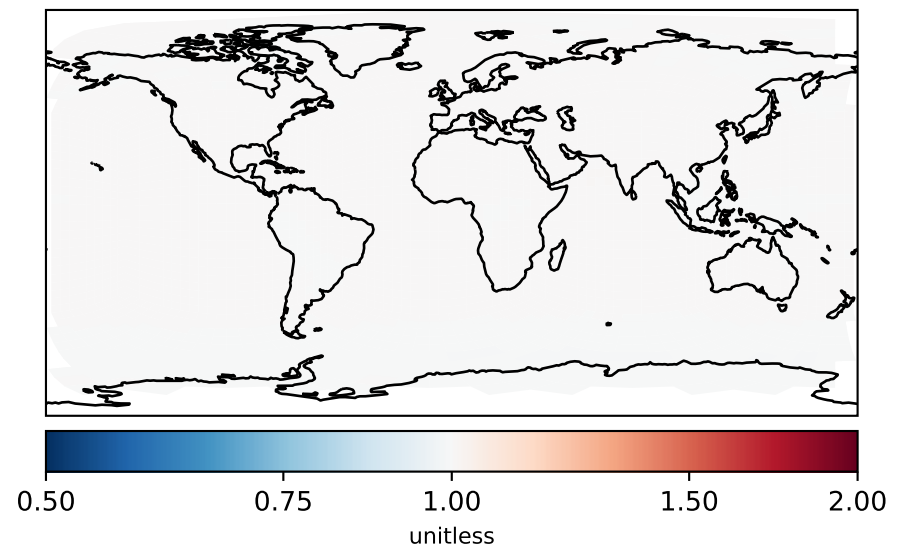
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

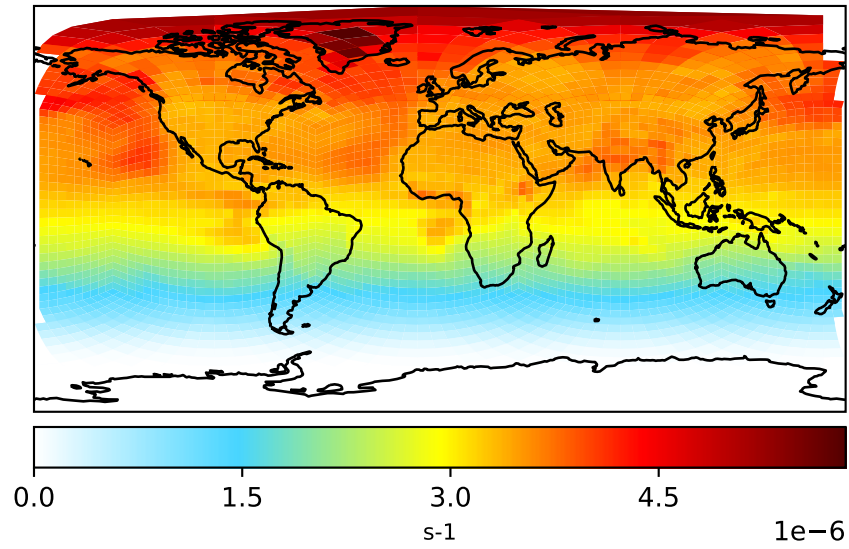


Ratio
Dev/Ref, Fixed Range

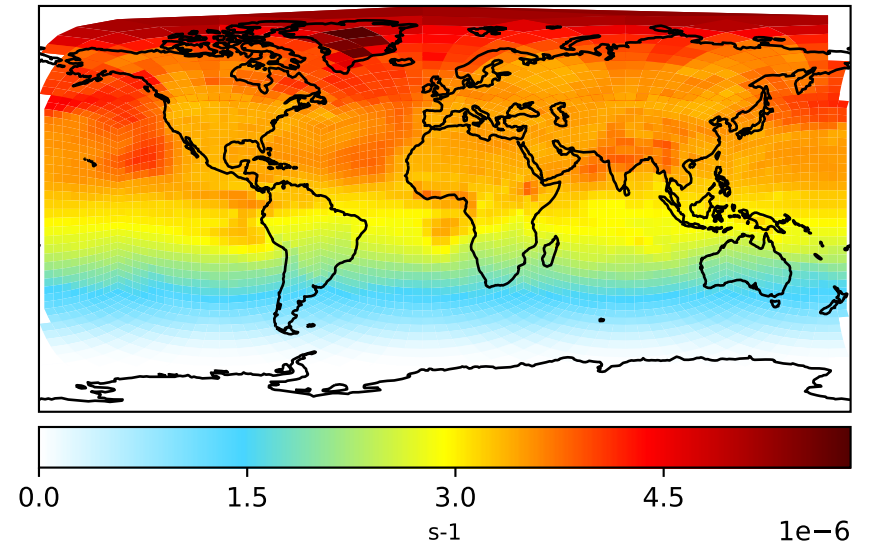


Jval_RB3P

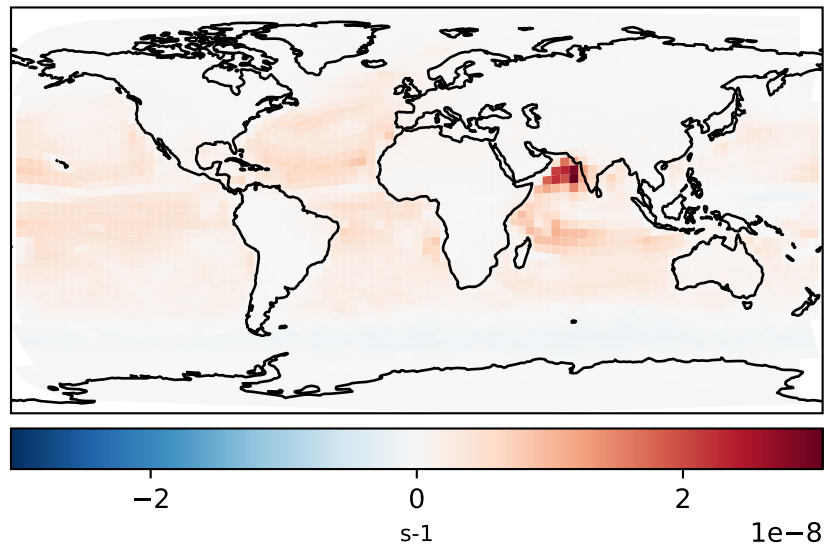
Processed GEOS-FP input, 3-hr winds (Ref)
c24



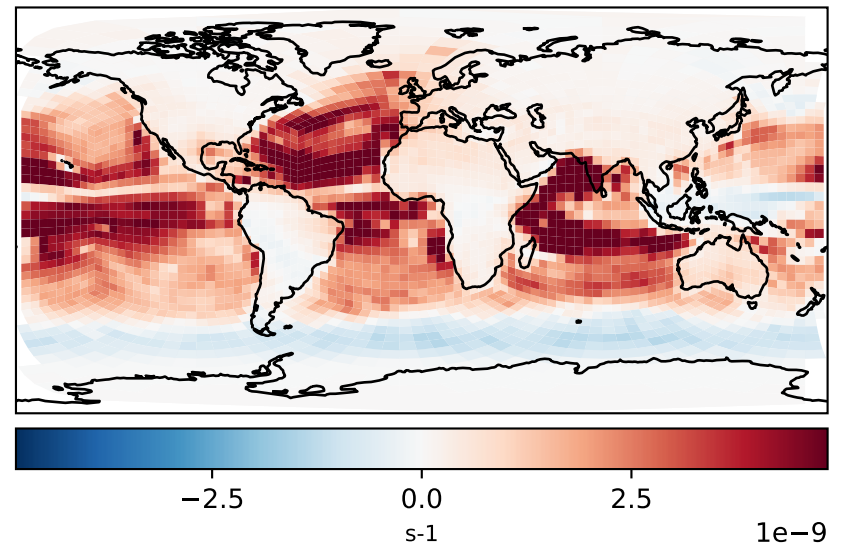
Raw GEOS-FP input, 3-hr winds (Dev)
c24



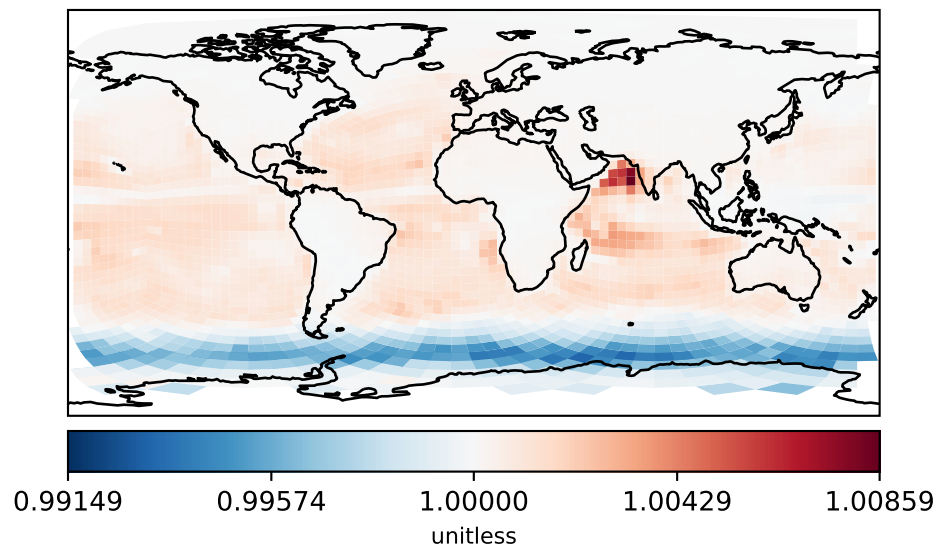
Difference
Dev - Ref, Dynamic Range



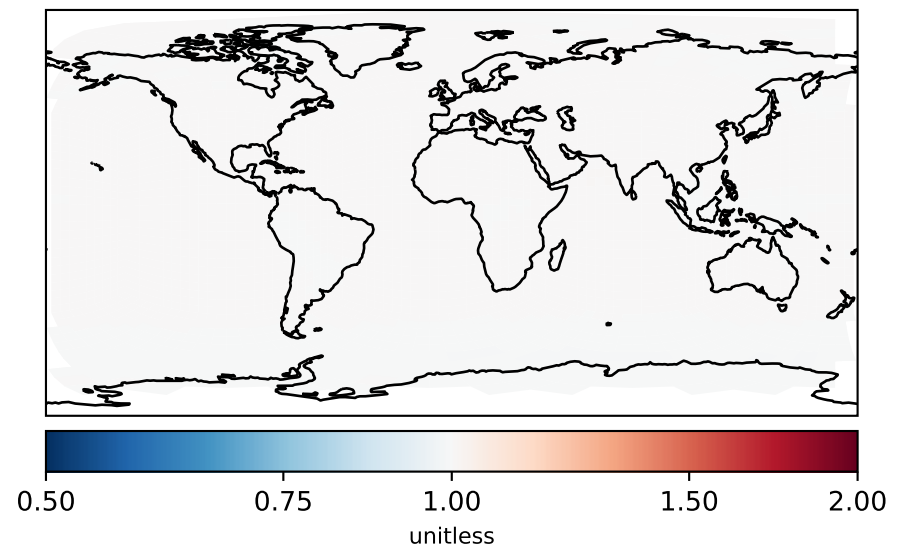
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

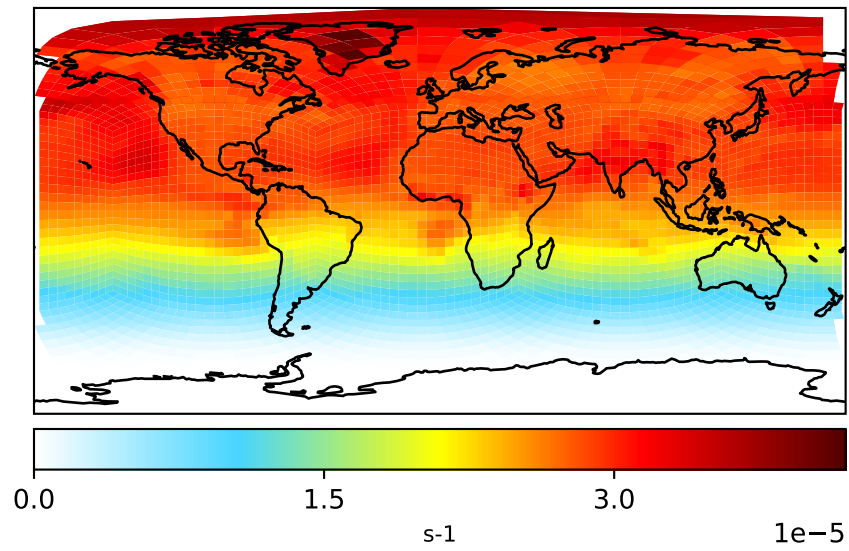


Ratio
Dev/Ref, Fixed Range

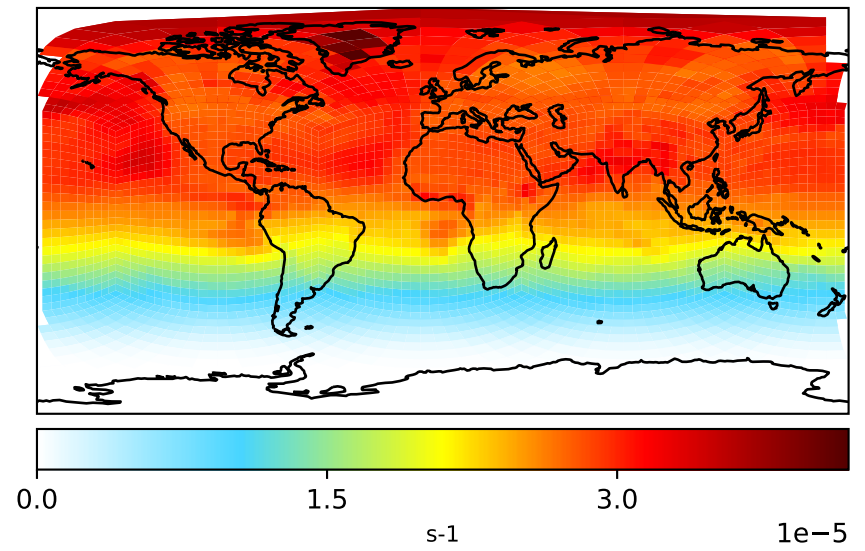


Jval_RCHO

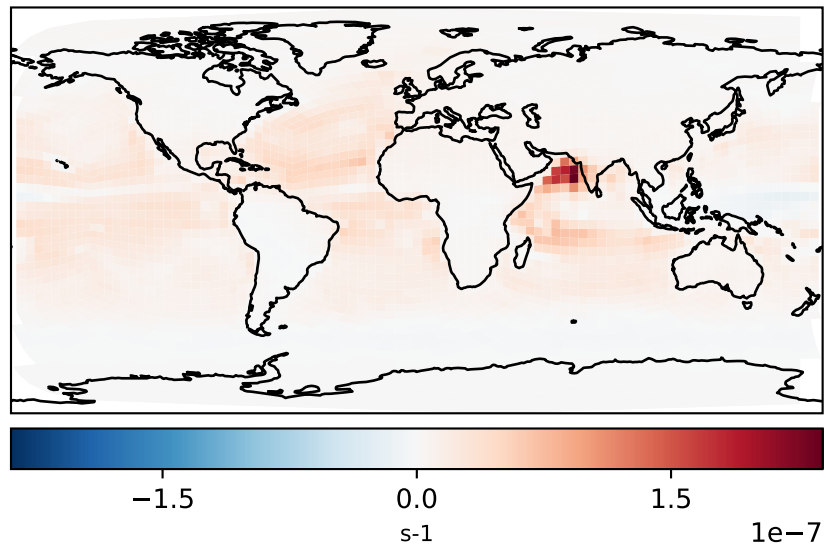
Processed GEOS-FP input, 3-hr winds (Ref)
c24



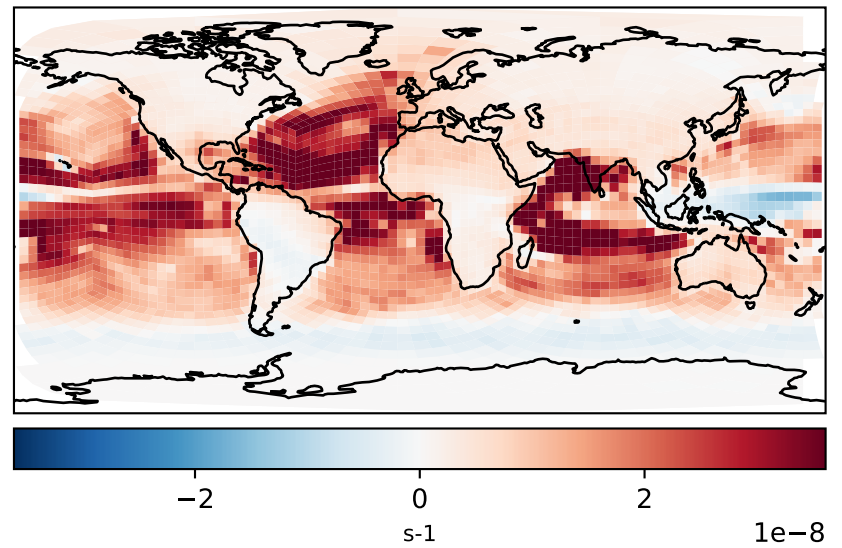
Raw GEOS-FP input, 3-hr winds (Dev)
c24



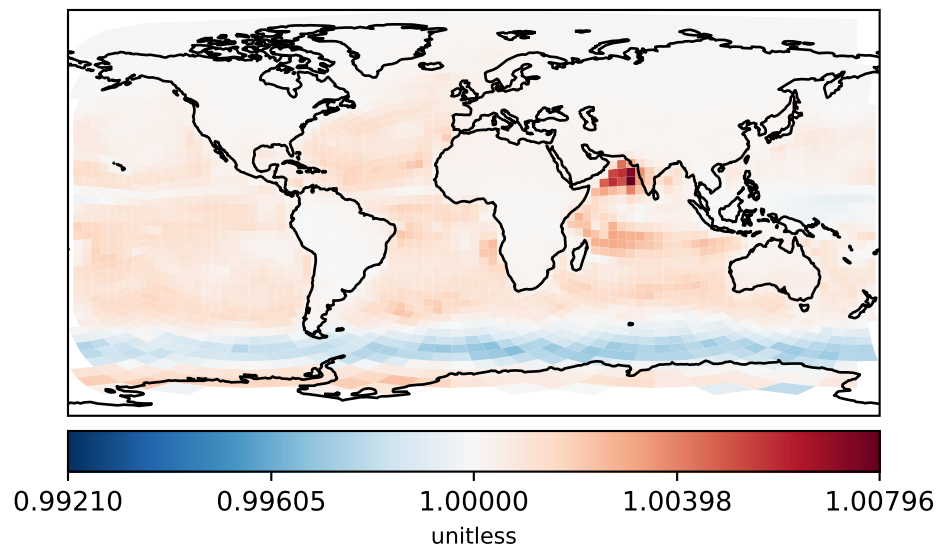
Difference
Dev - Ref, Dynamic Range



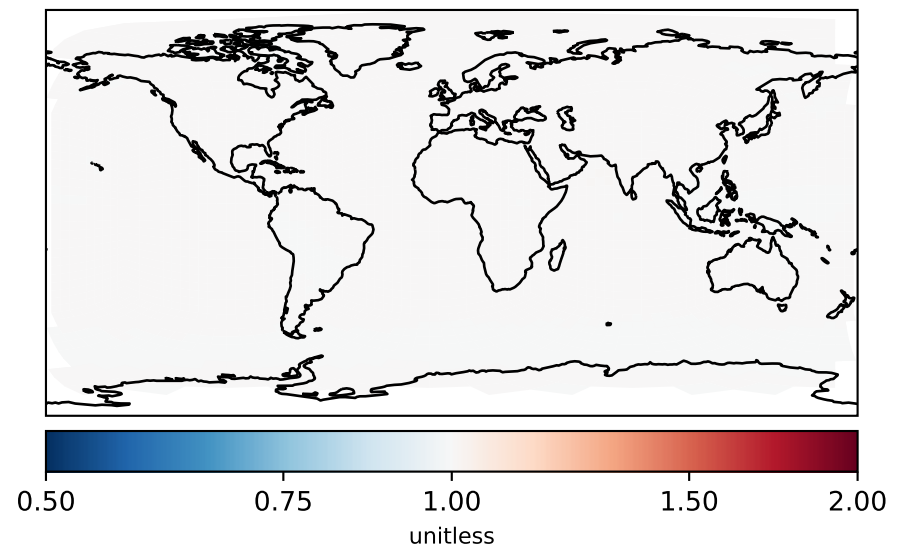
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

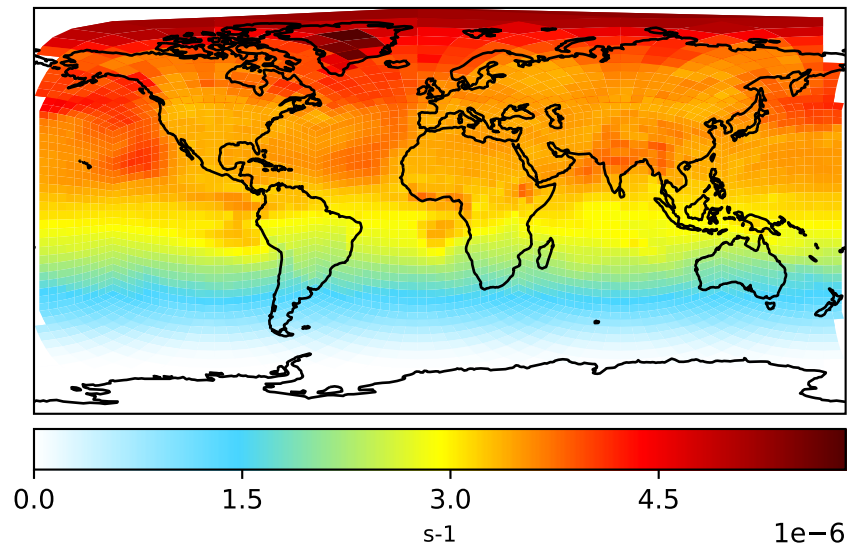


Ratio
Dev/Ref, Fixed Range

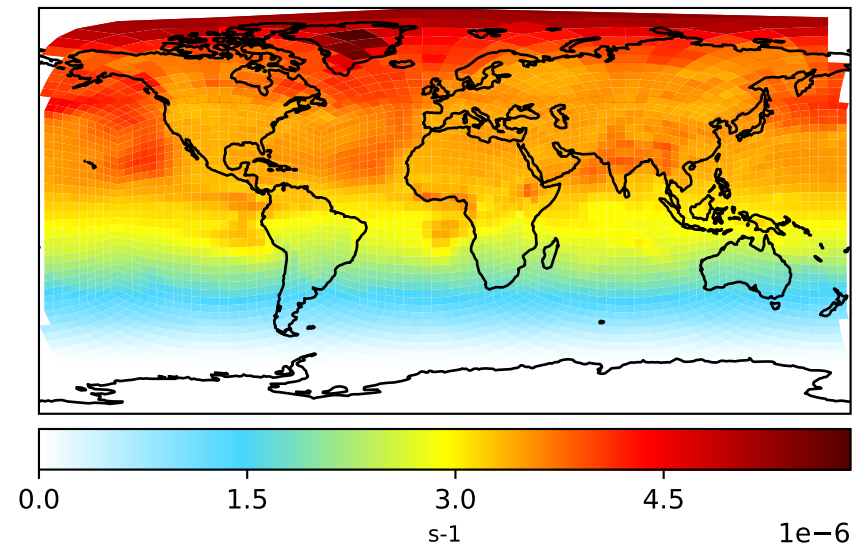


Jval_RIPA

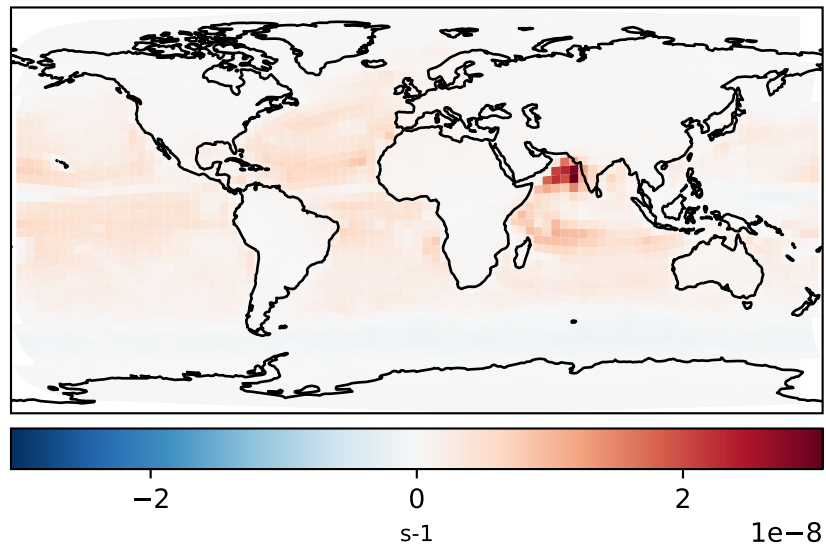
Processed GEOS-FP input, 3-hr winds (Ref)
c24



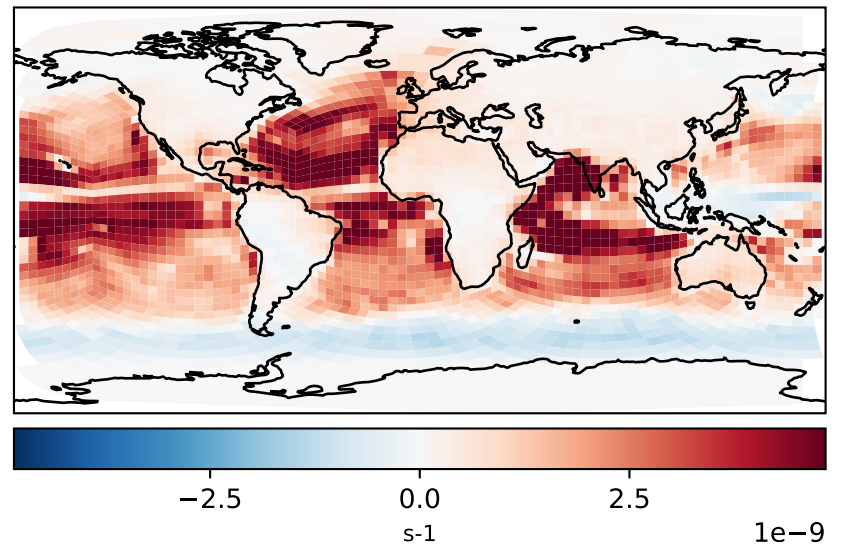
Raw GEOS-FP input, 3-hr winds (Dev)
c24



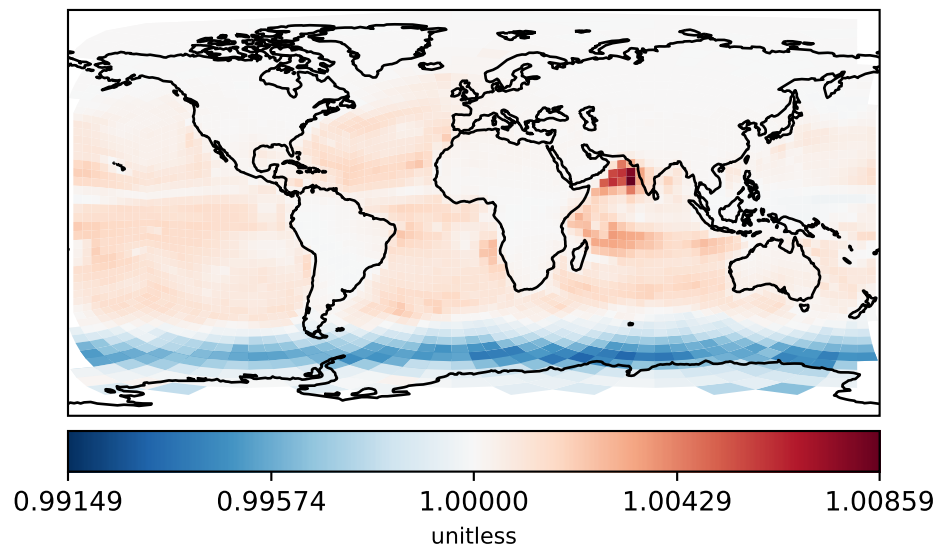
Difference
Dev - Ref, Dynamic Range



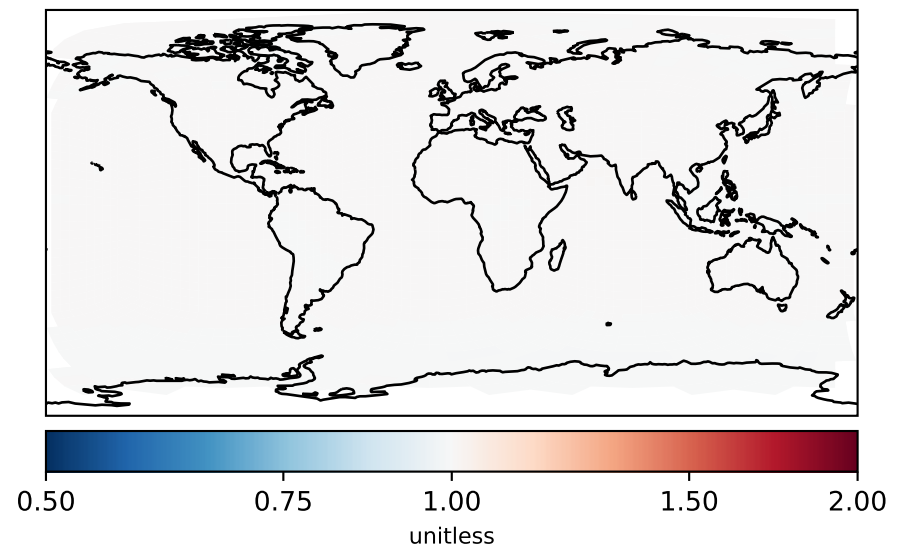
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

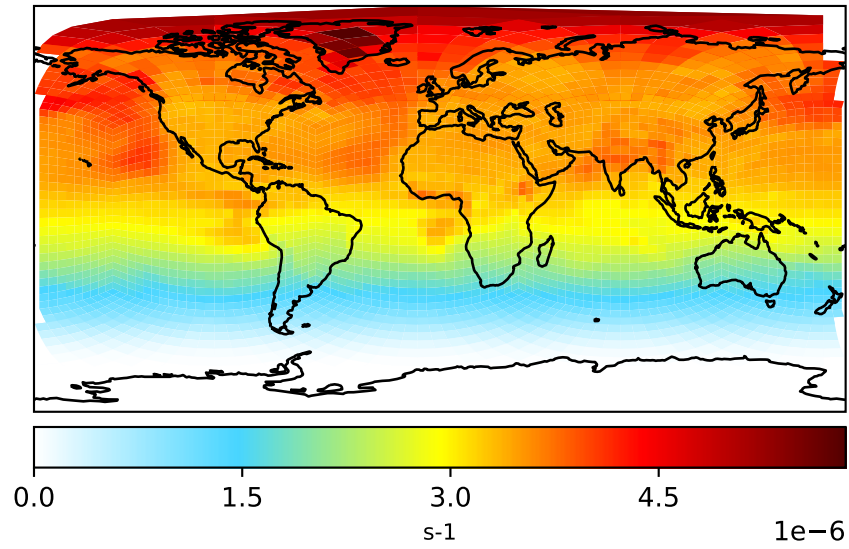


Ratio
Dev/Ref, Fixed Range

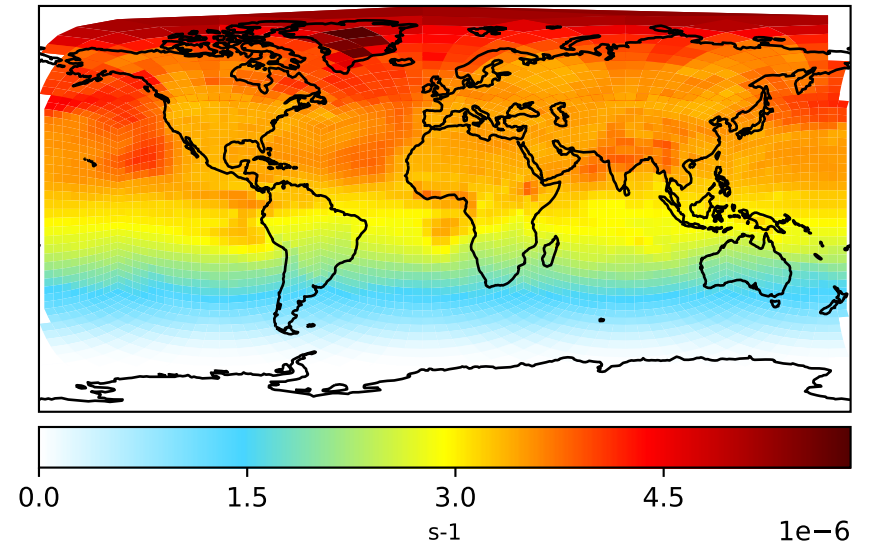


Jval_RIPB

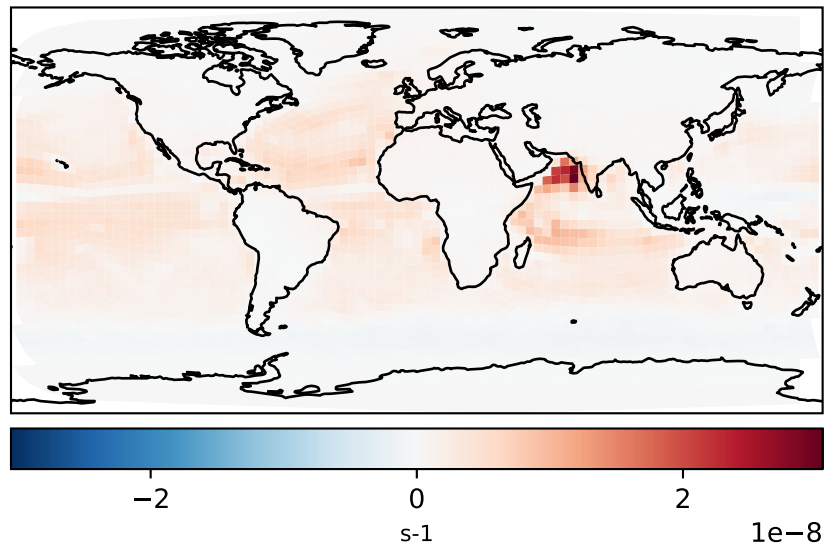
Processed GEOS-FP input, 3-hr winds (Ref)
c24



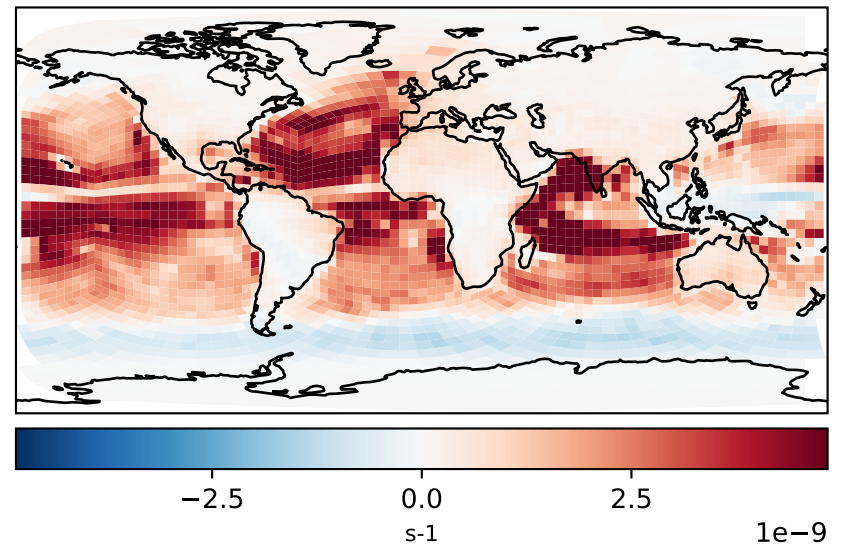
Raw GEOS-FP input, 3-hr winds (Dev)
c24



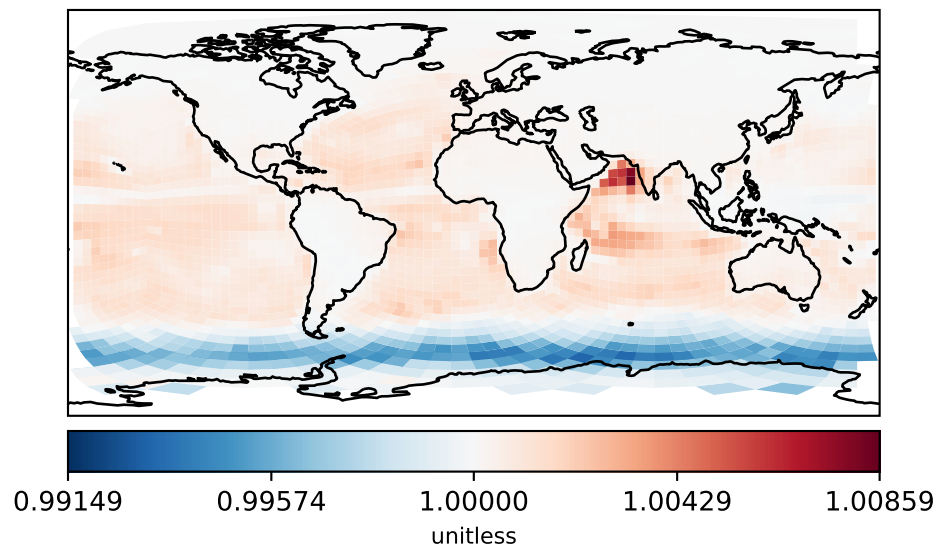
Difference
Dev - Ref, Dynamic Range



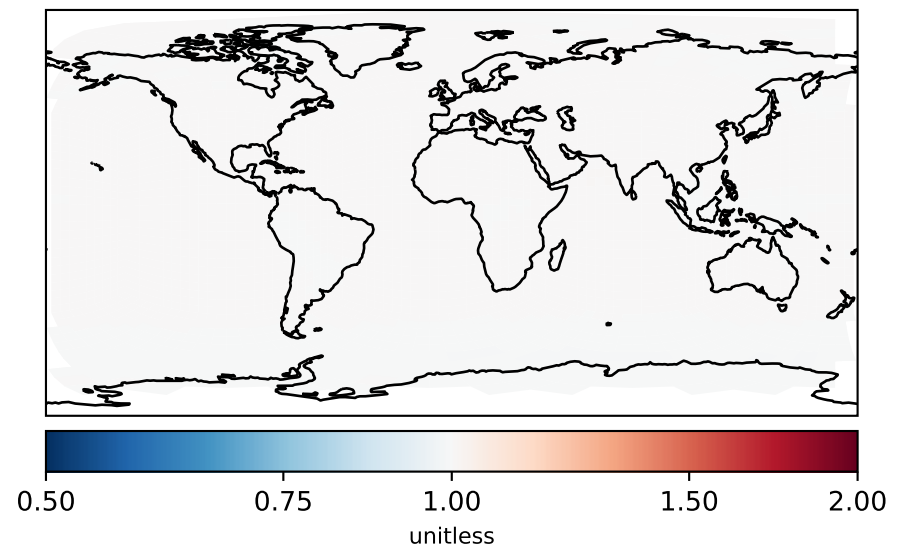
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

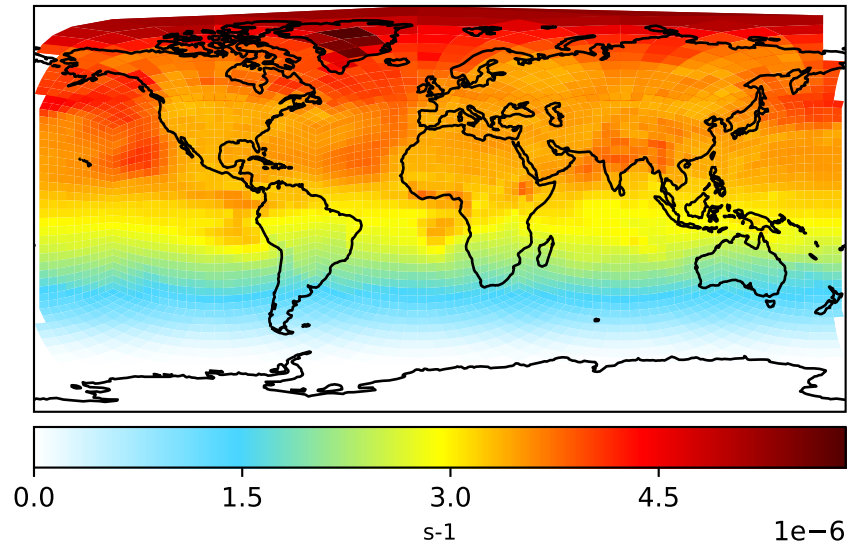


Ratio
Dev/Ref, Fixed Range

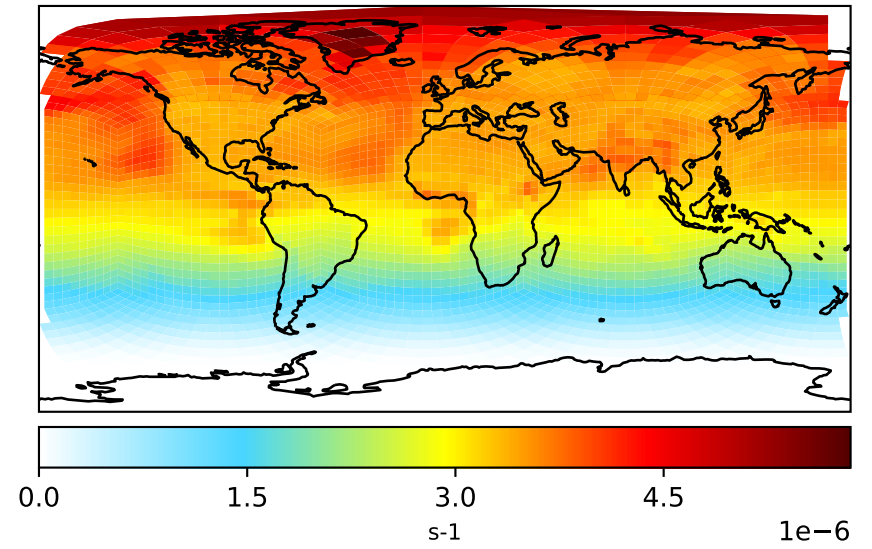


Jval_RIPC

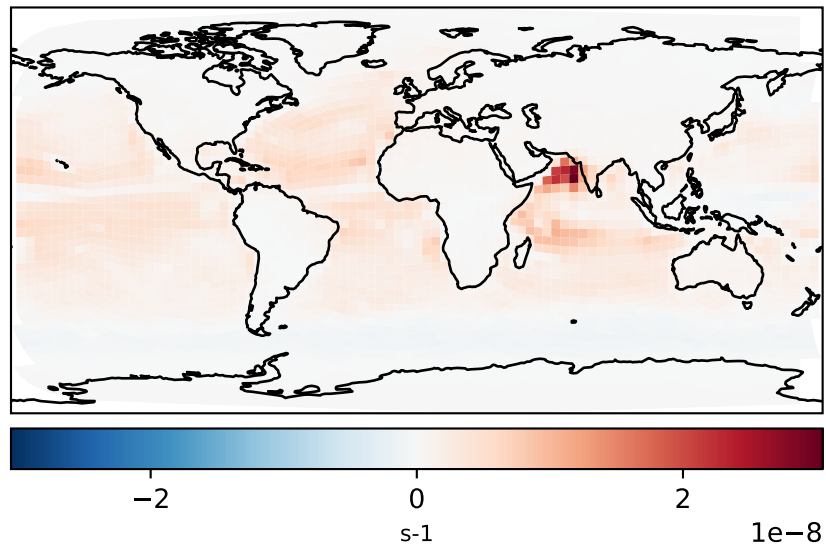
Processed GEOS-FP input, 3-hr winds (Ref)
c24



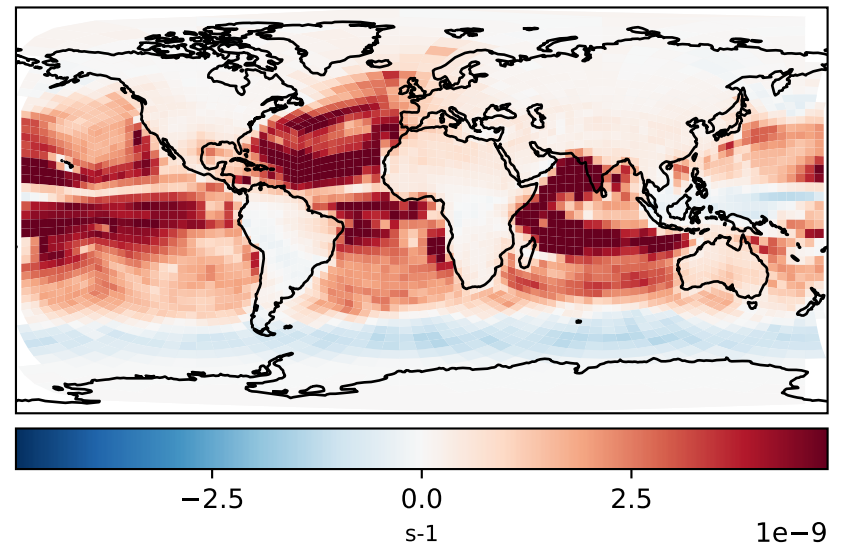
Raw GEOS-FP input, 3-hr winds (Dev)
c24



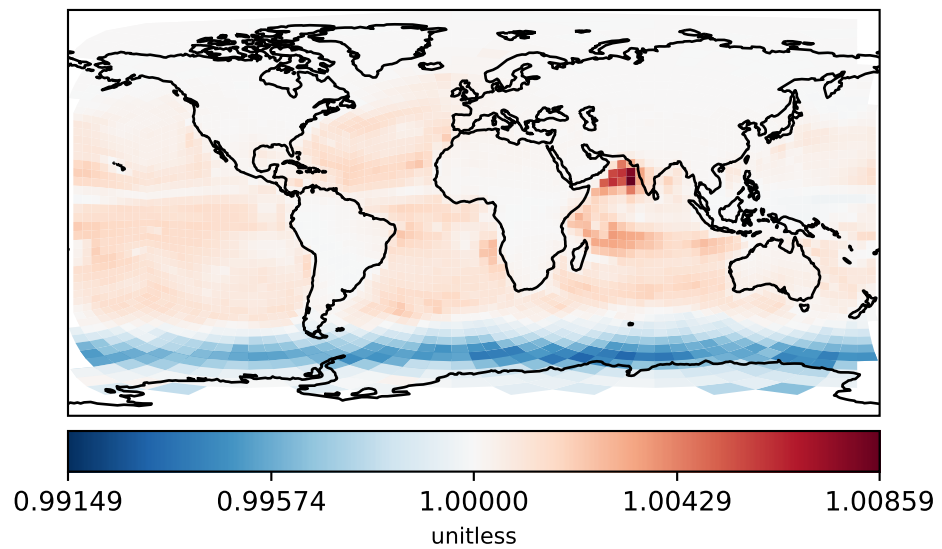
Difference
Dev - Ref, Dynamic Range



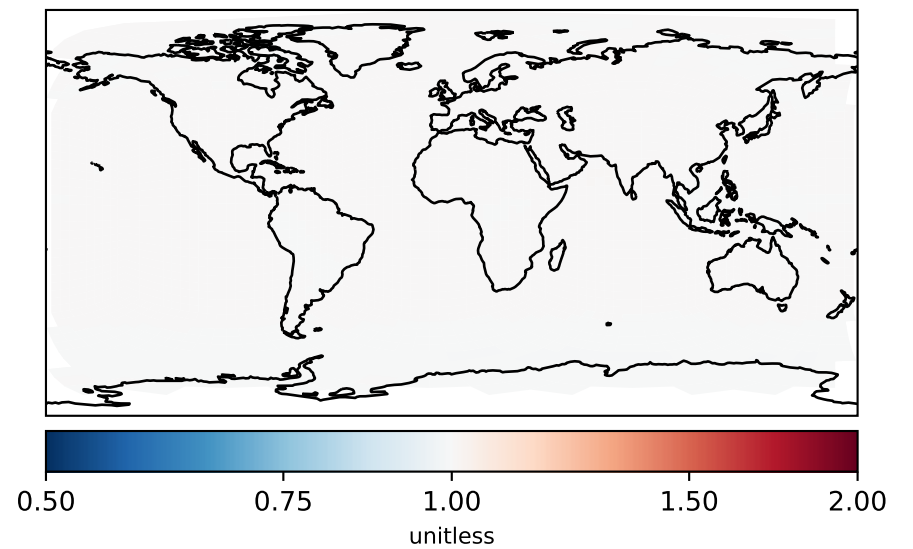
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

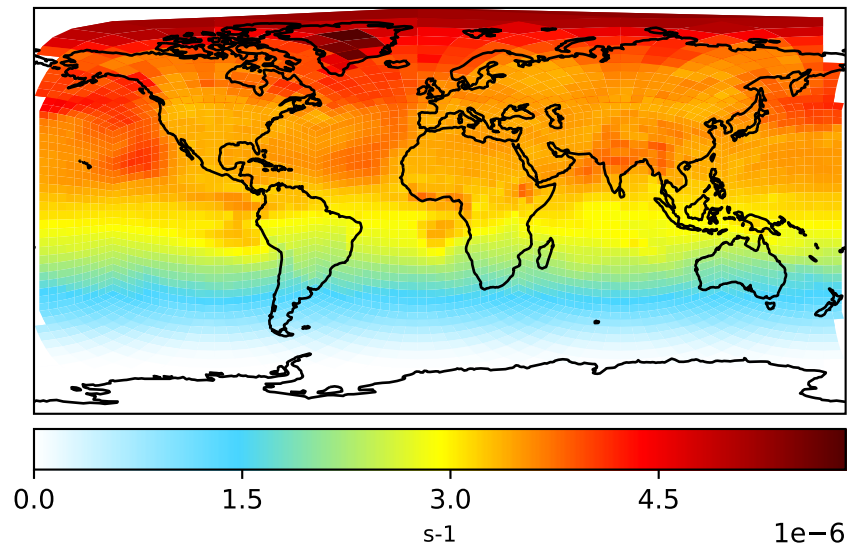


Ratio
Dev/Ref, Fixed Range

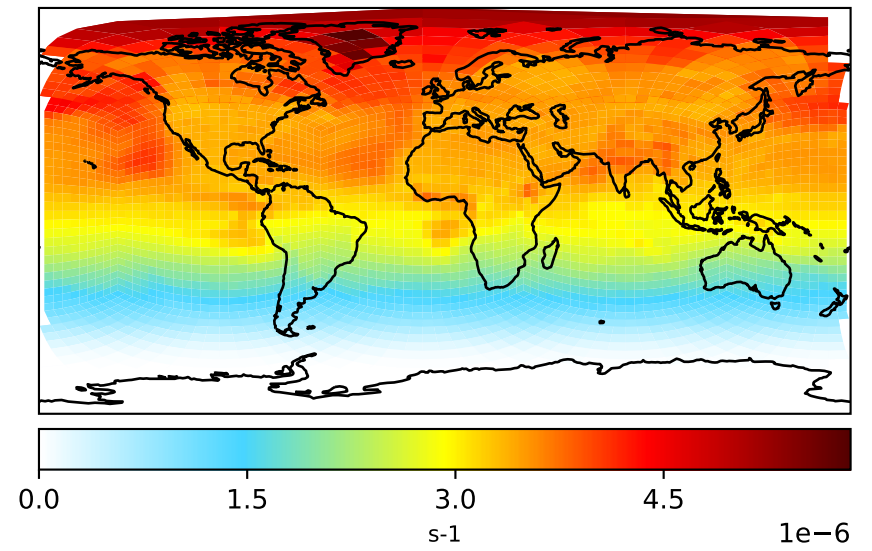


Jval_RIPD

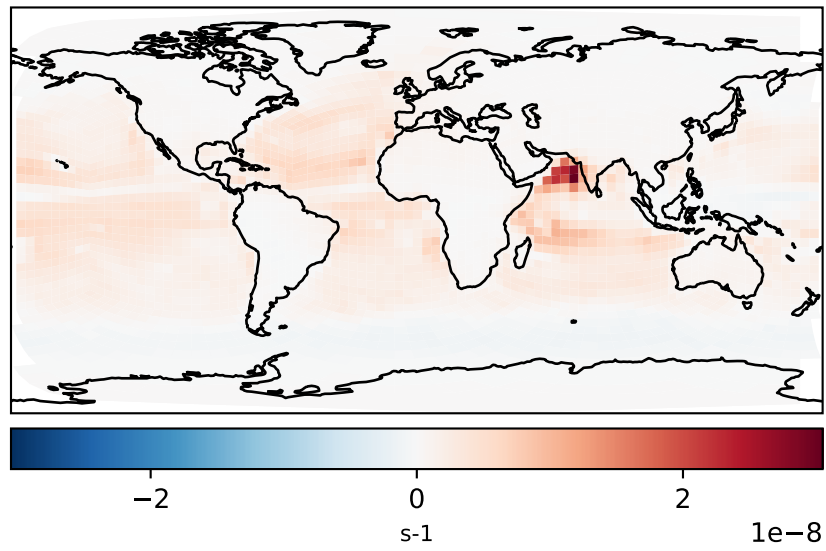
Processed GEOS-FP input, 3-hr winds (Ref)
c24



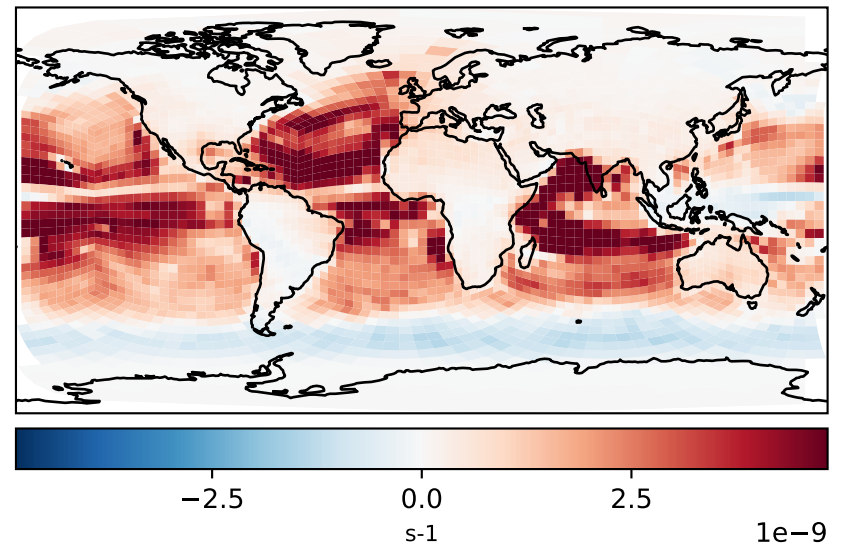
Raw GEOS-FP input, 3-hr winds (Dev)
c24



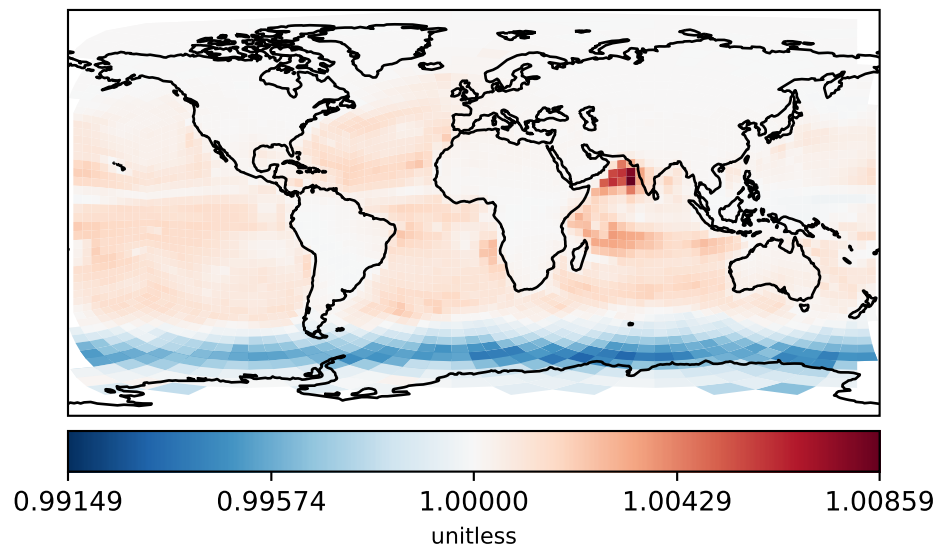
Difference
Dev - Ref, Dynamic Range



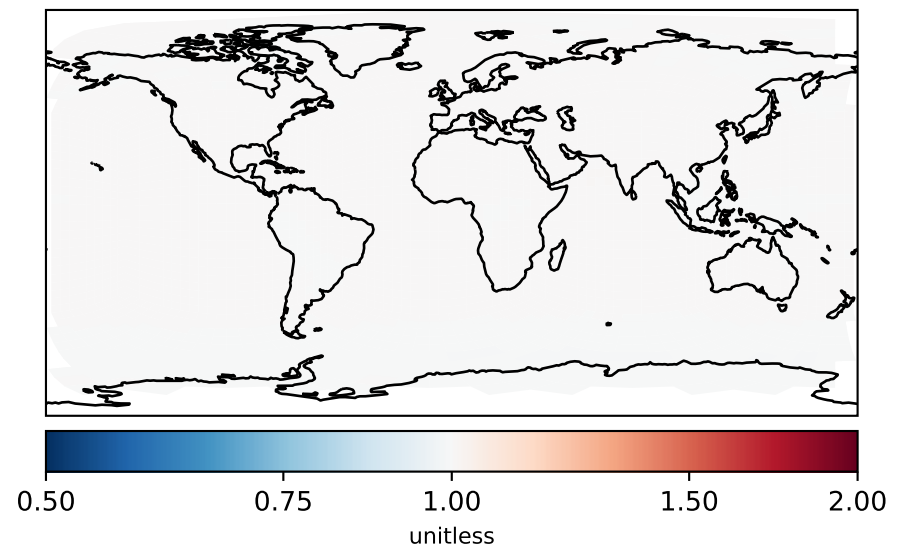
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

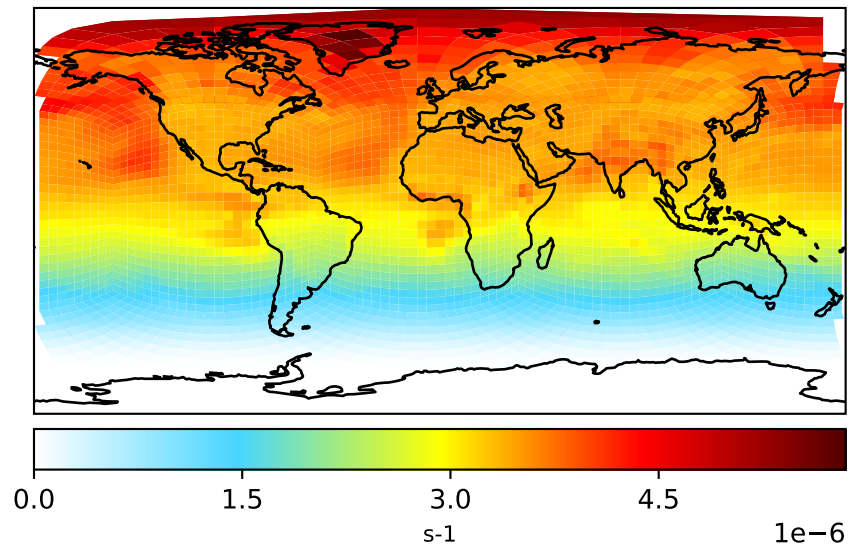


Ratio
Dev/Ref, Fixed Range

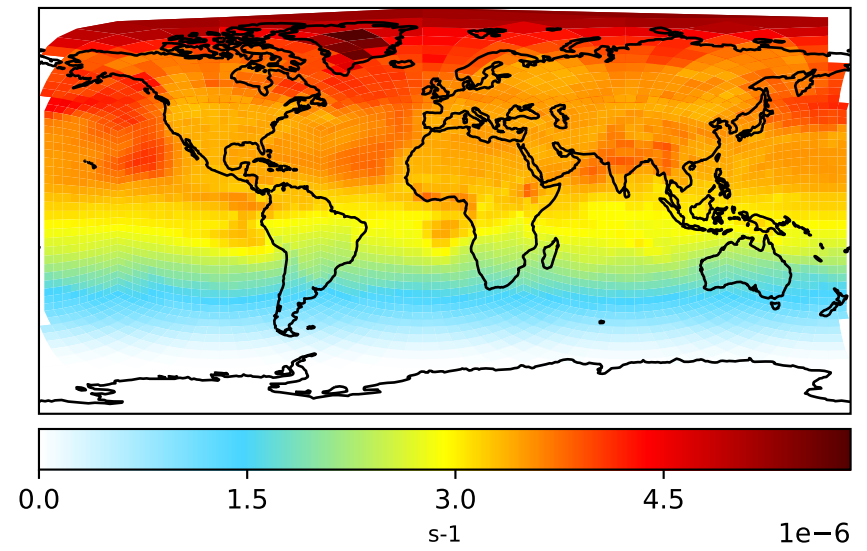


Jval_RP

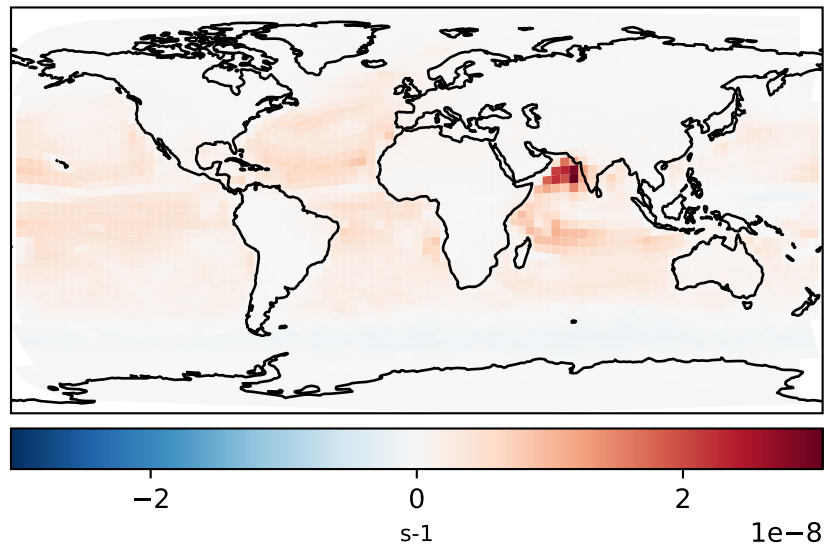
Processed GEOS-FP input, 3-hr winds (Ref)
c24



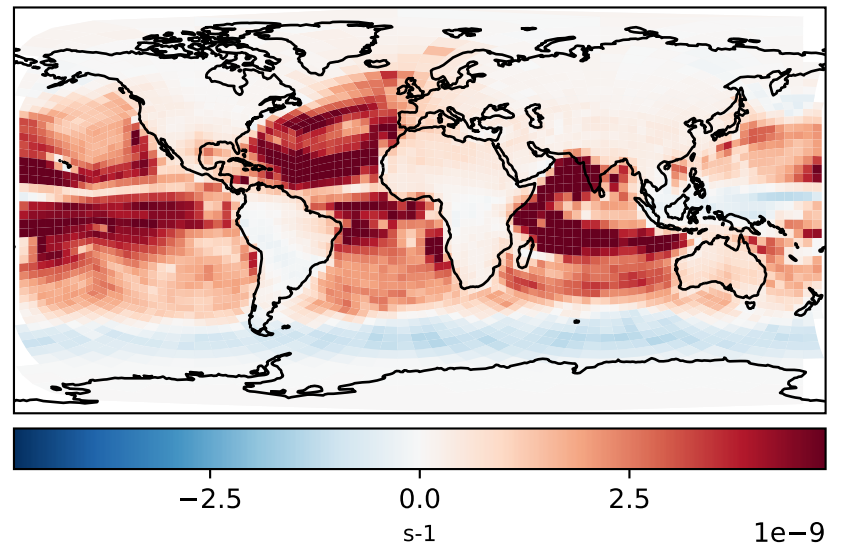
Raw GEOS-FP input, 3-hr winds (Dev)
c24



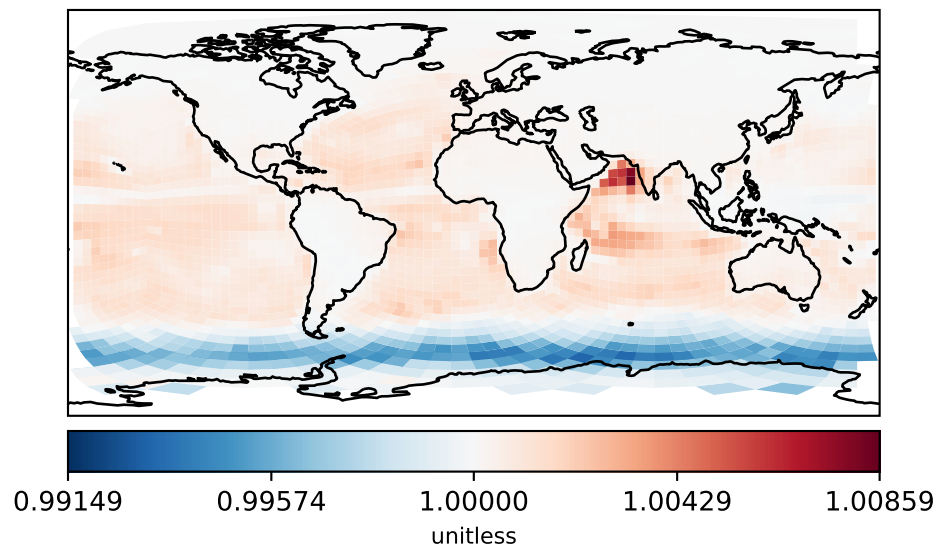
Difference
Dev - Ref, Dynamic Range



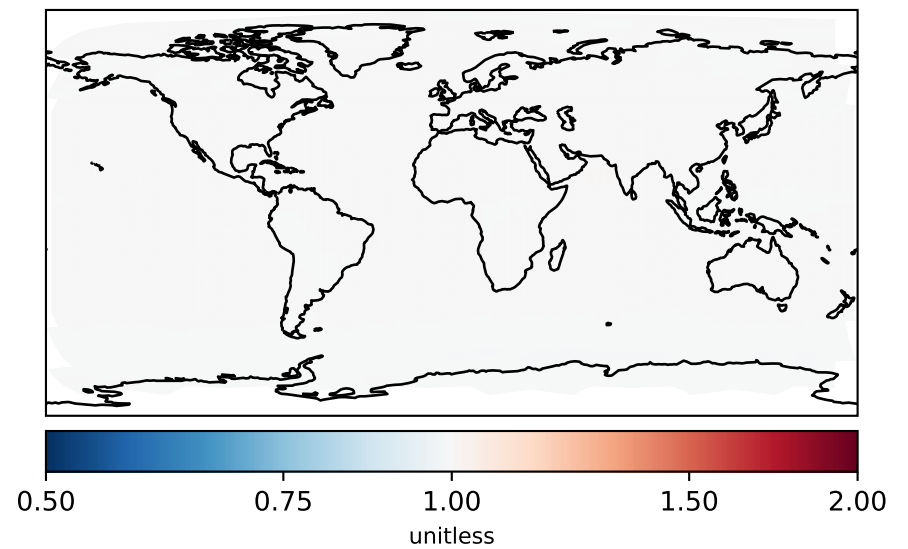
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

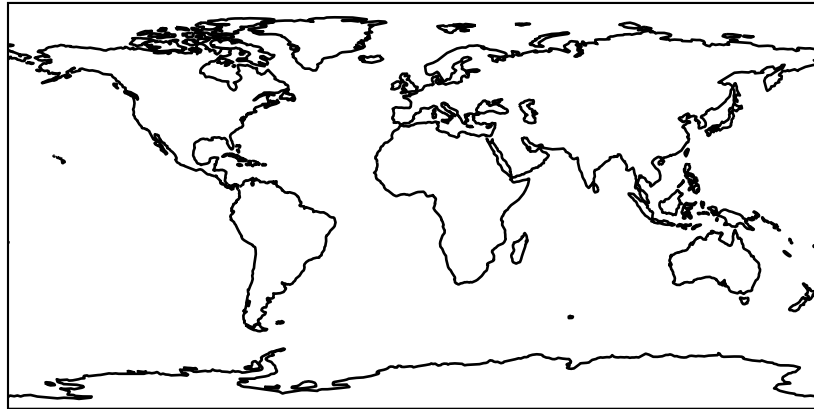


Ratio
Dev/Ref, Fixed Range



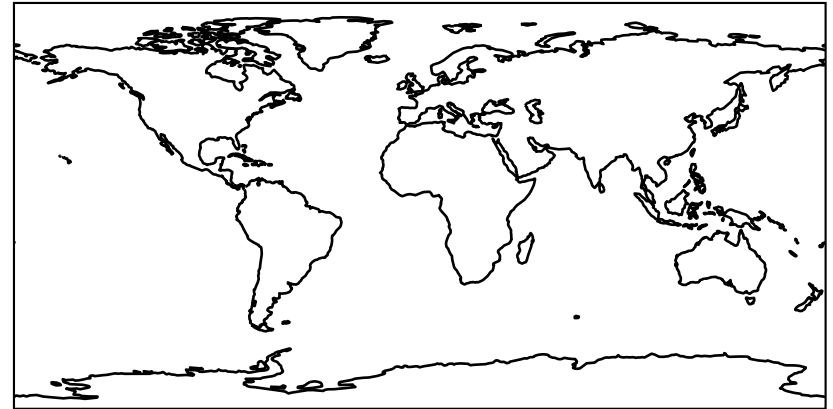
Jval_S04

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



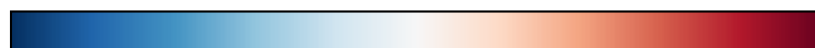
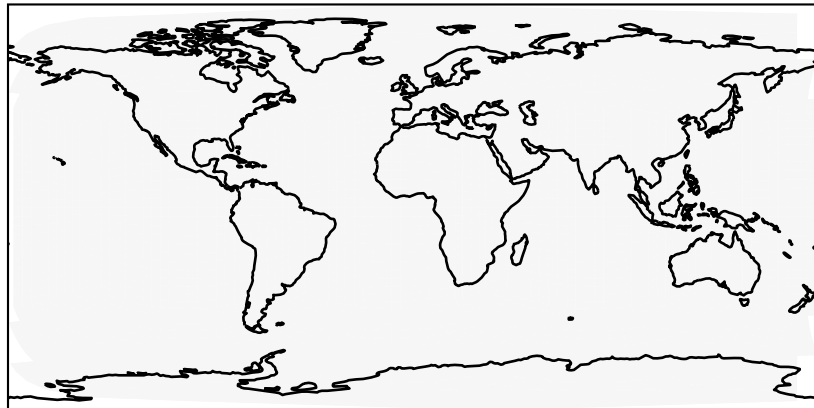
Zero throughout domain
s-1

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



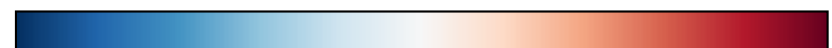
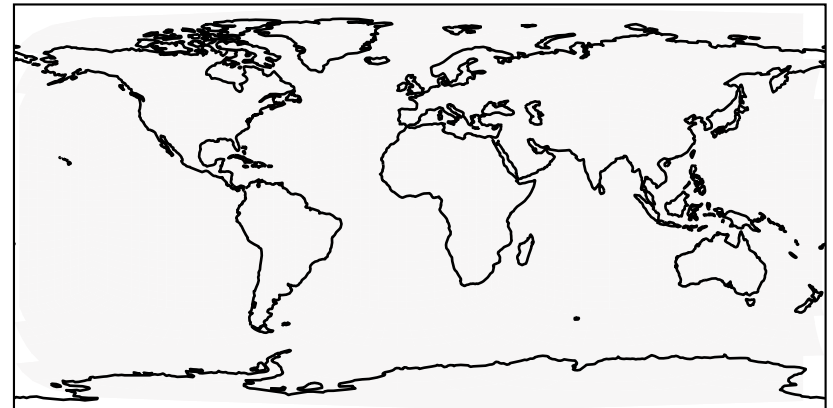
Zero throughout domain
s-1

Difference
Dev - Ref, Dynamic Range



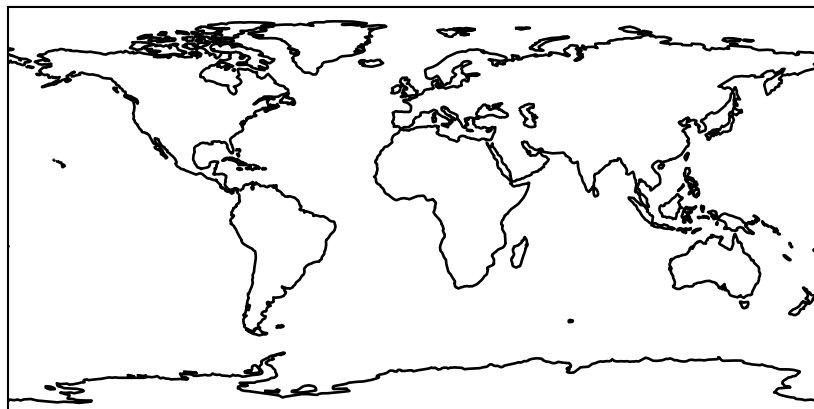
Zero throughout domain
s-1

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



Zero throughout domain
s-1

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range



Undefined throughout domain
unitless