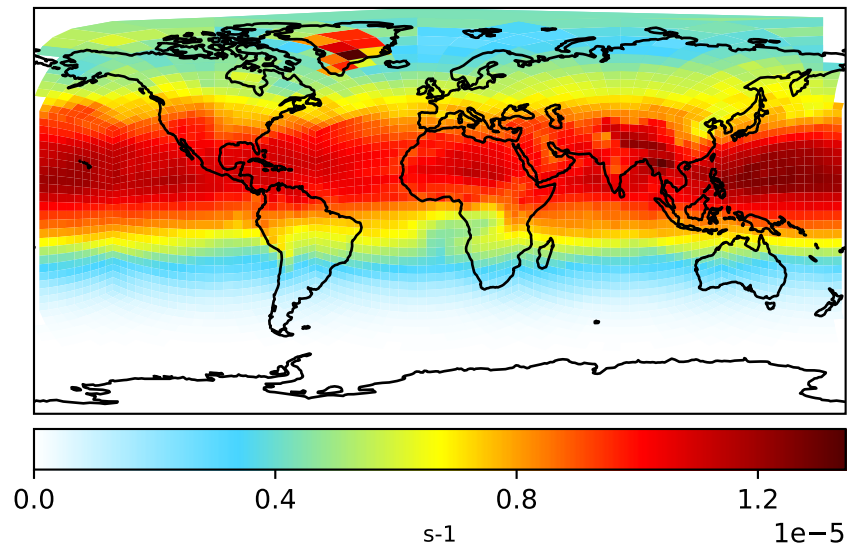
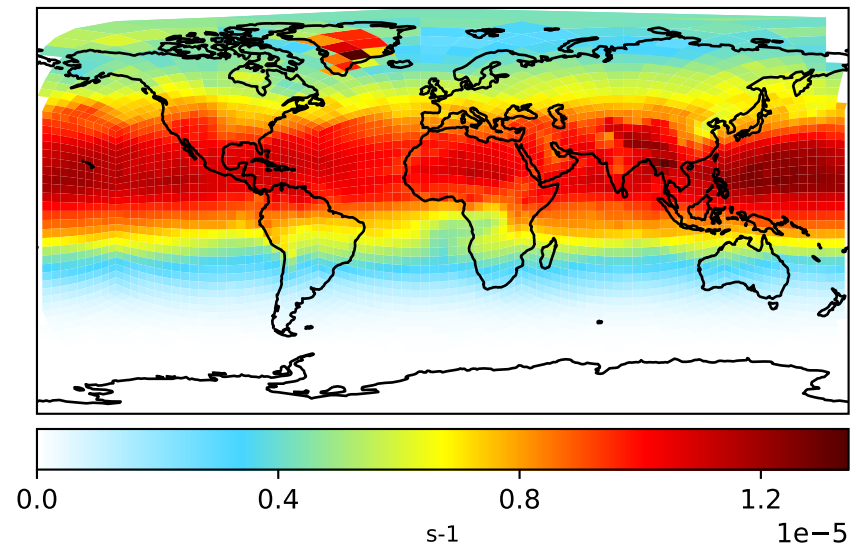


# Jval0301D

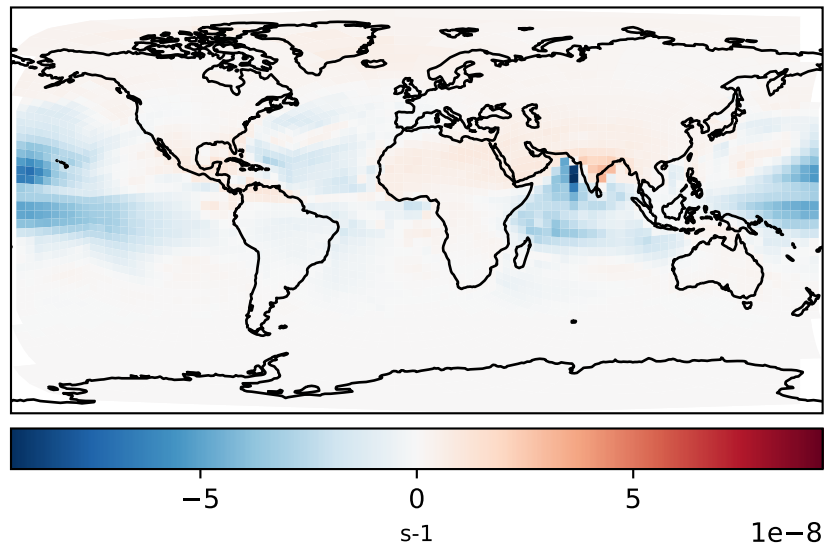
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



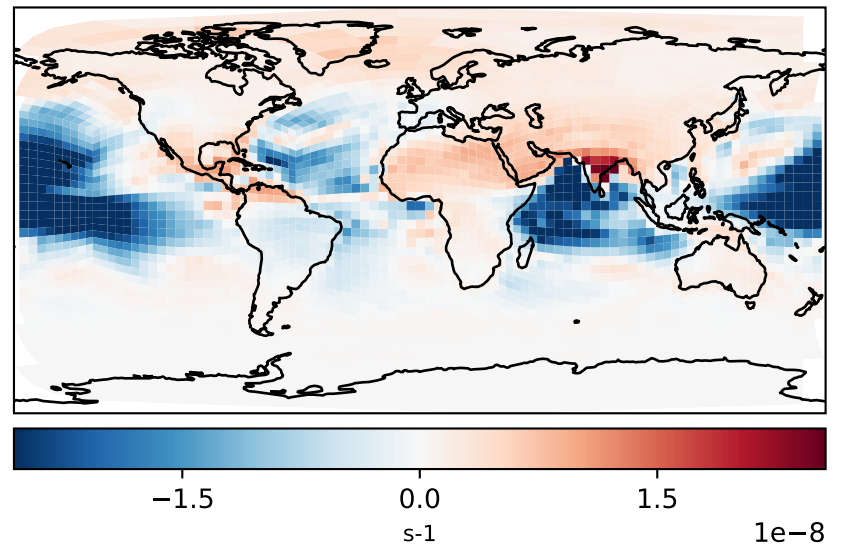
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



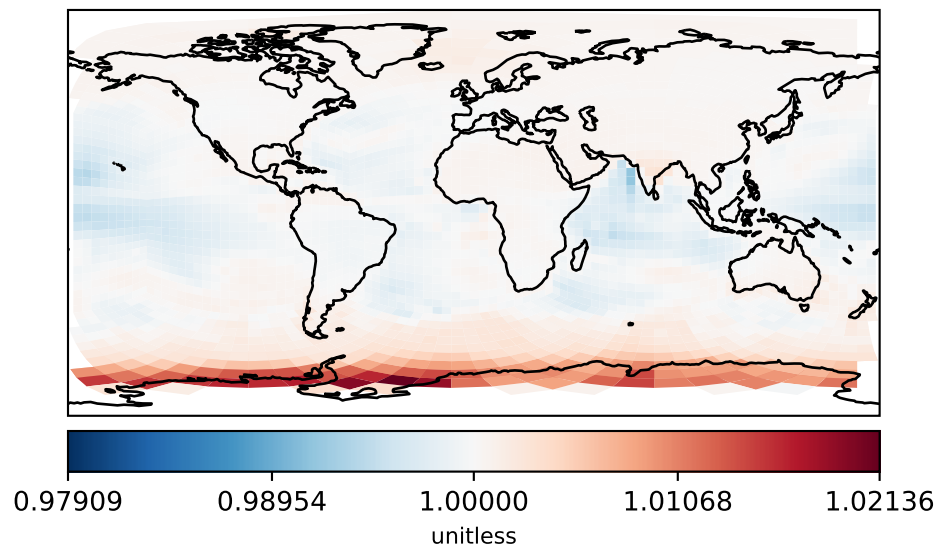
Difference  
Dev - Ref, Dynamic Range



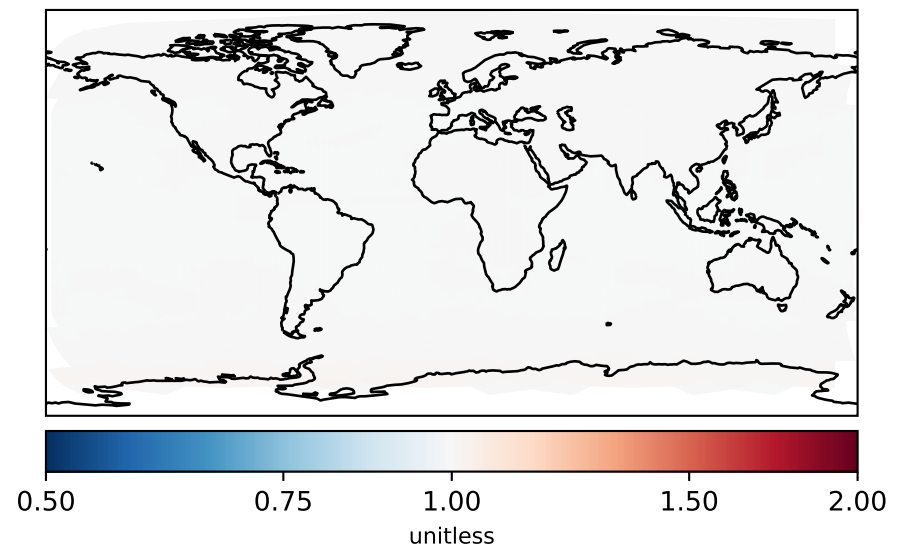
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

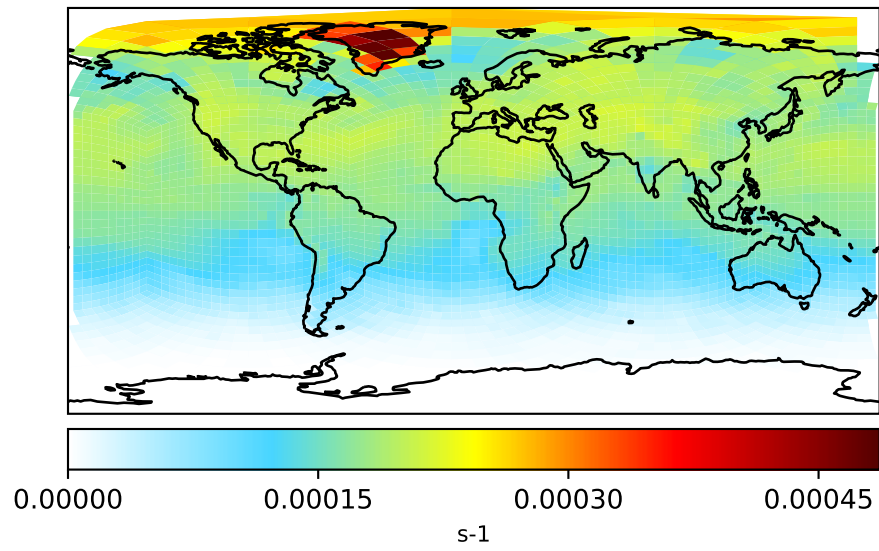


Ratio  
Dev/Ref, Fixed Range

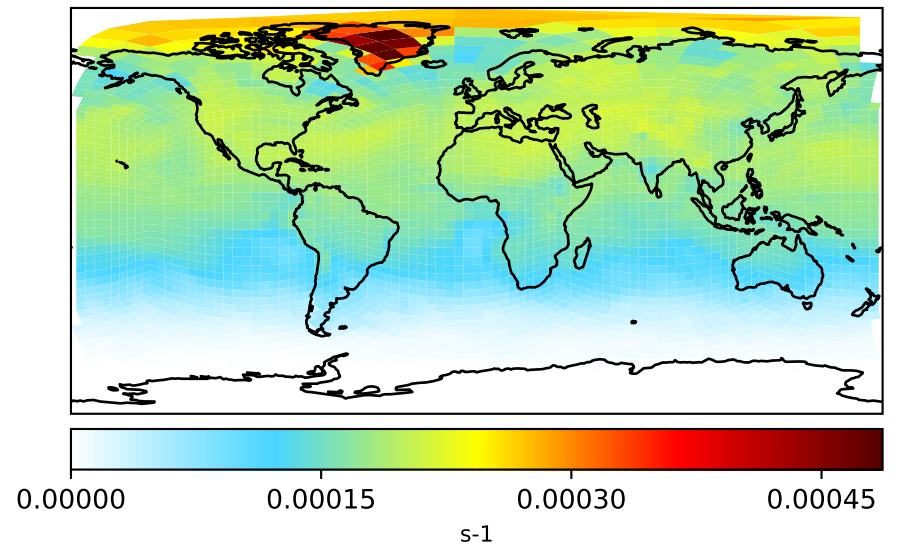


# Jval0303P

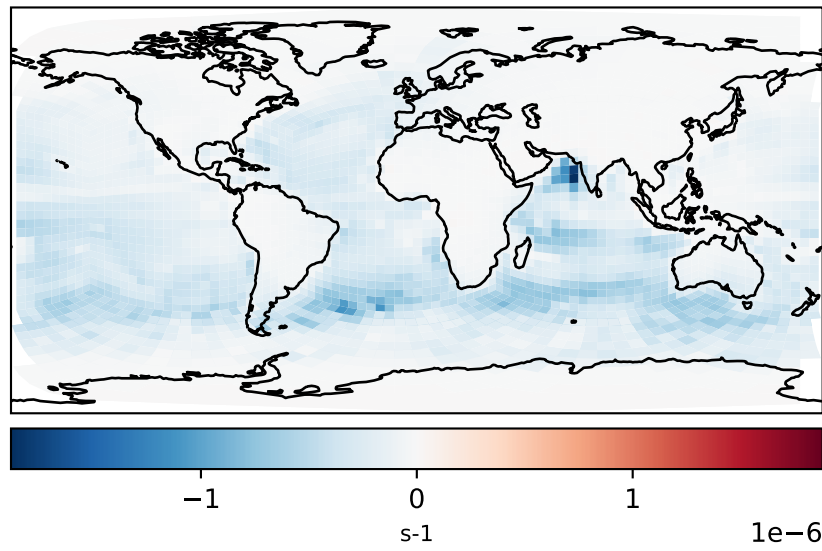
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



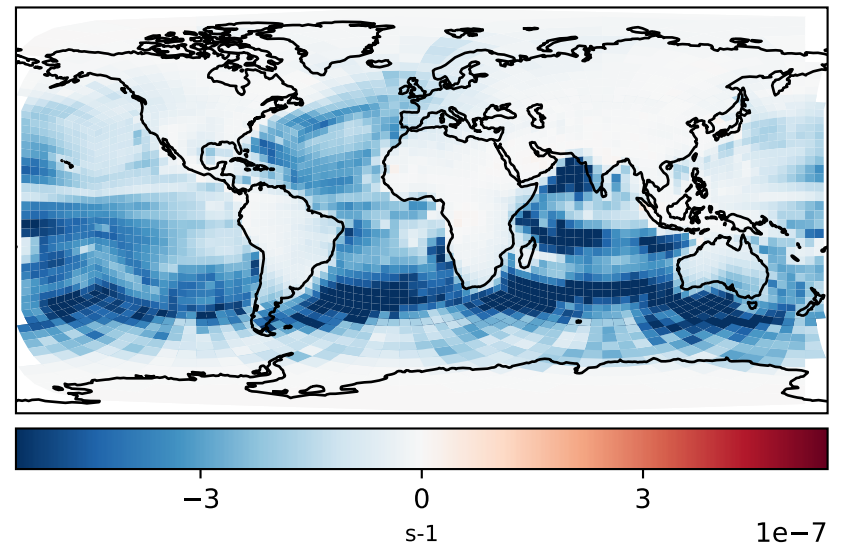
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



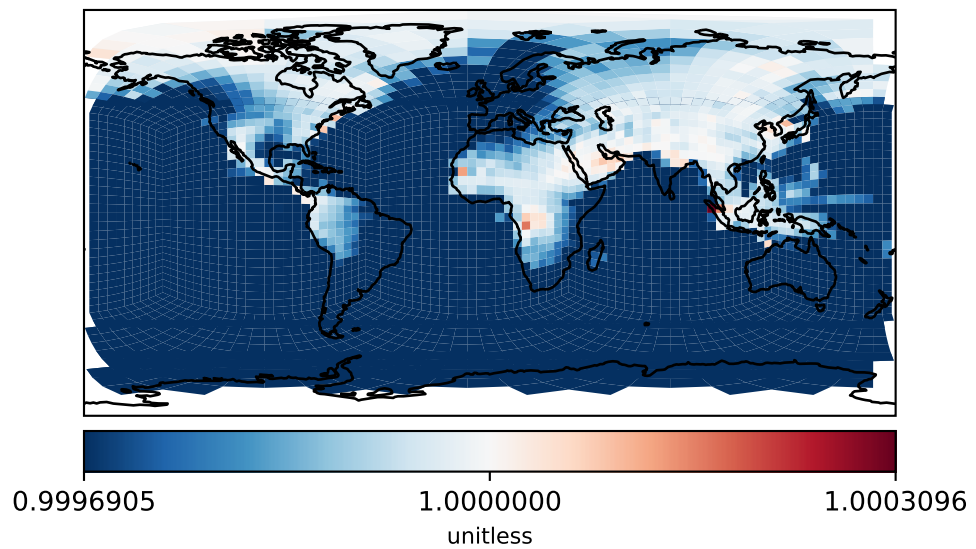
Difference  
Dev - Ref, Dynamic Range



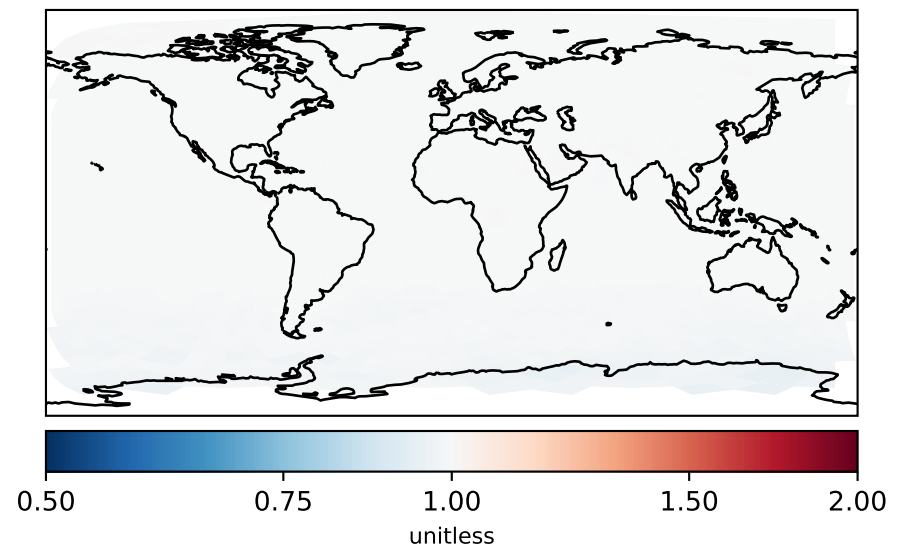
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

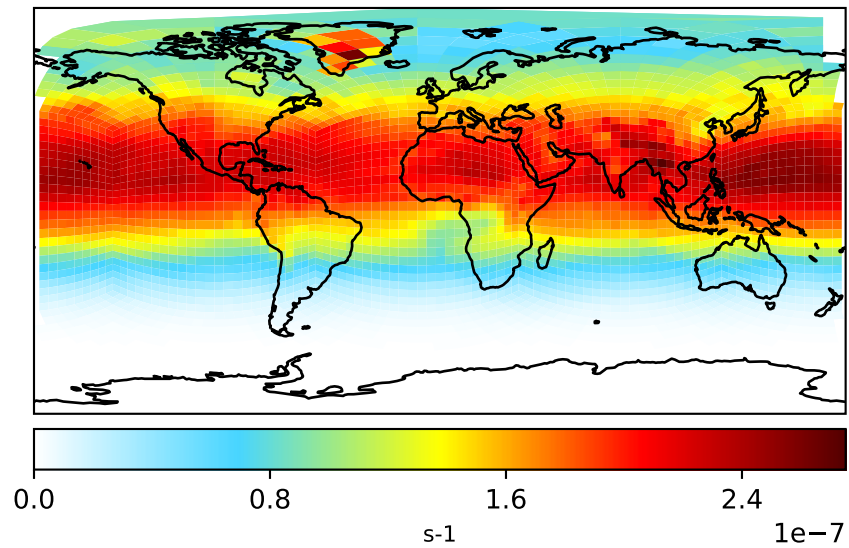


Ratio  
Dev/Ref, Fixed Range

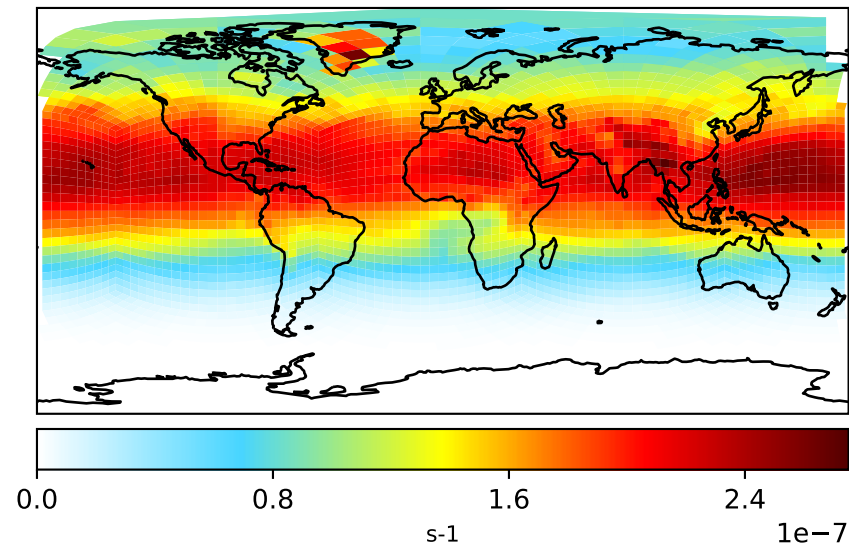


# Jval\_ACET

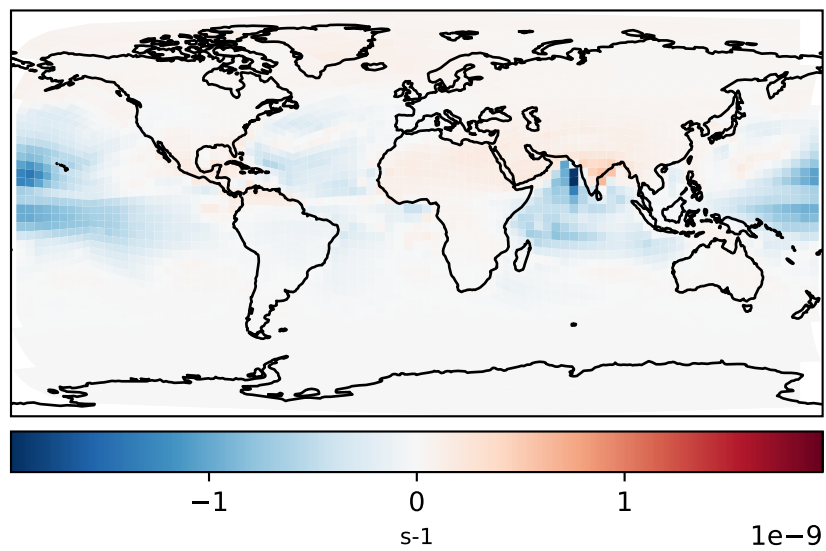
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



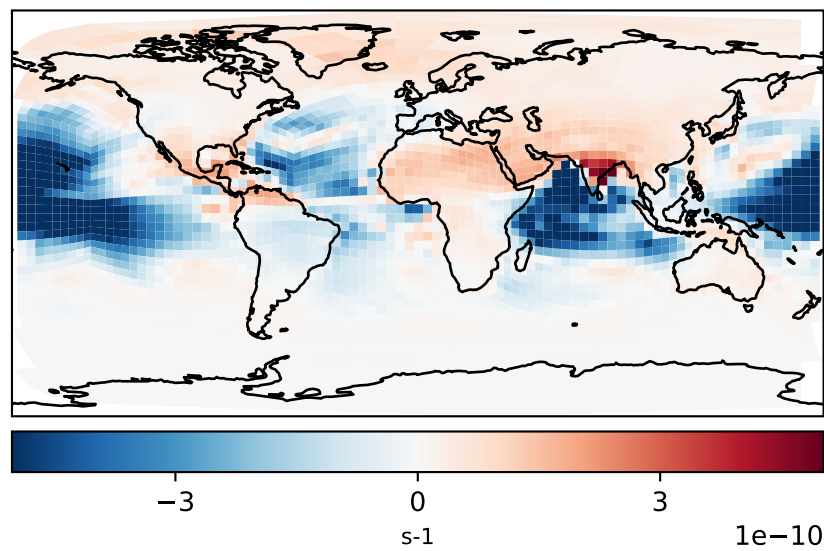
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



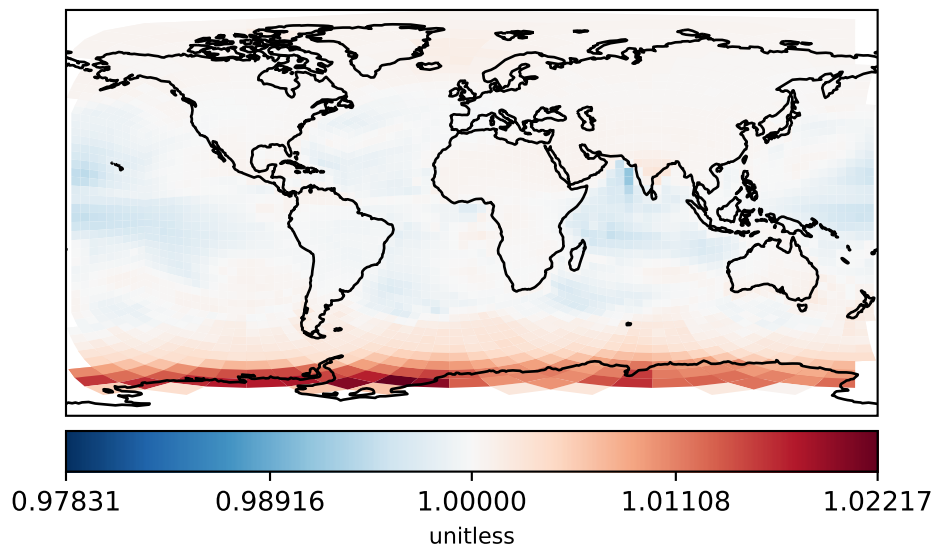
Difference  
Dev - Ref, Dynamic Range



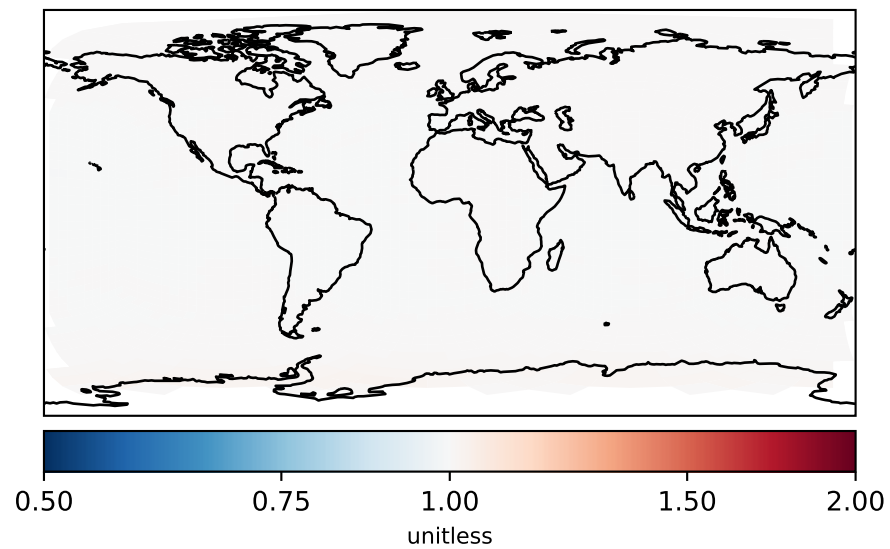
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

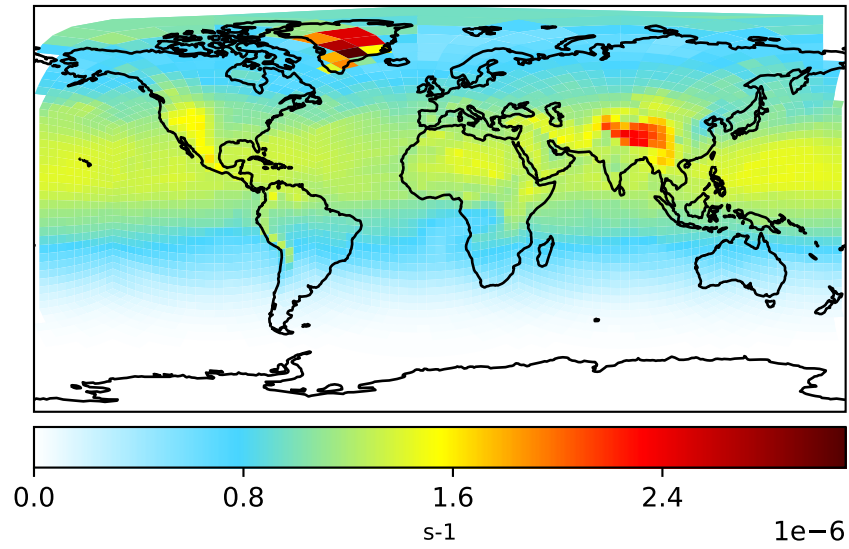


Ratio  
Dev/Ref, Fixed Range

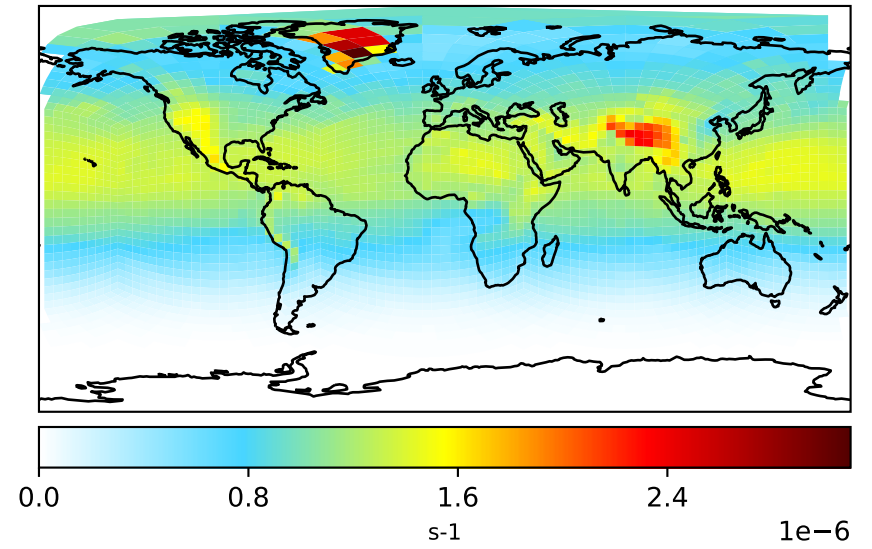


# Jval\_ALD2

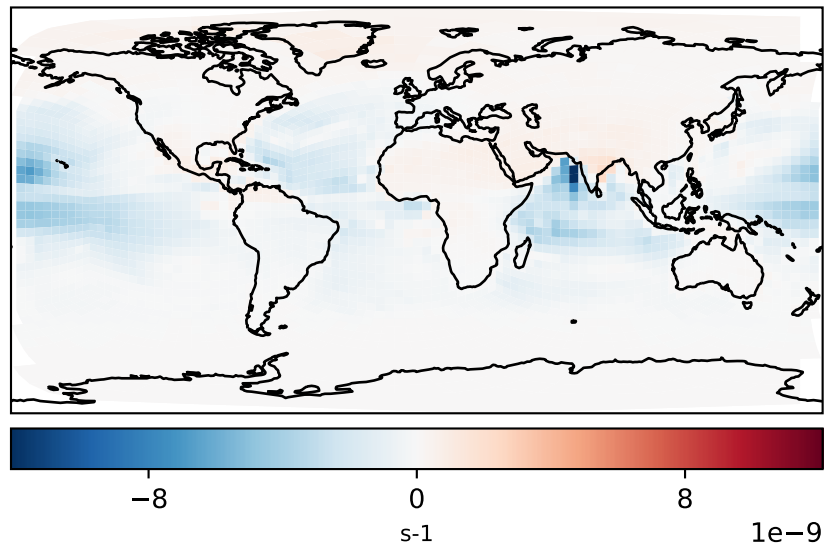
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



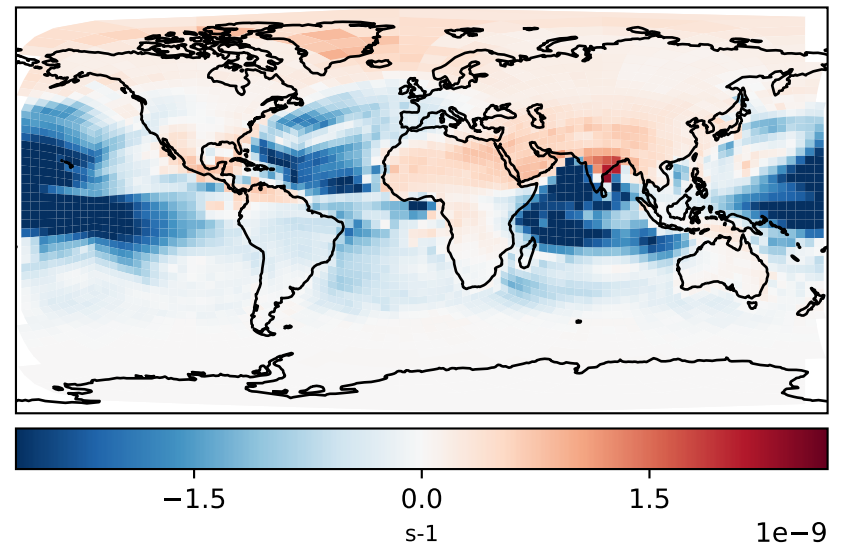
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



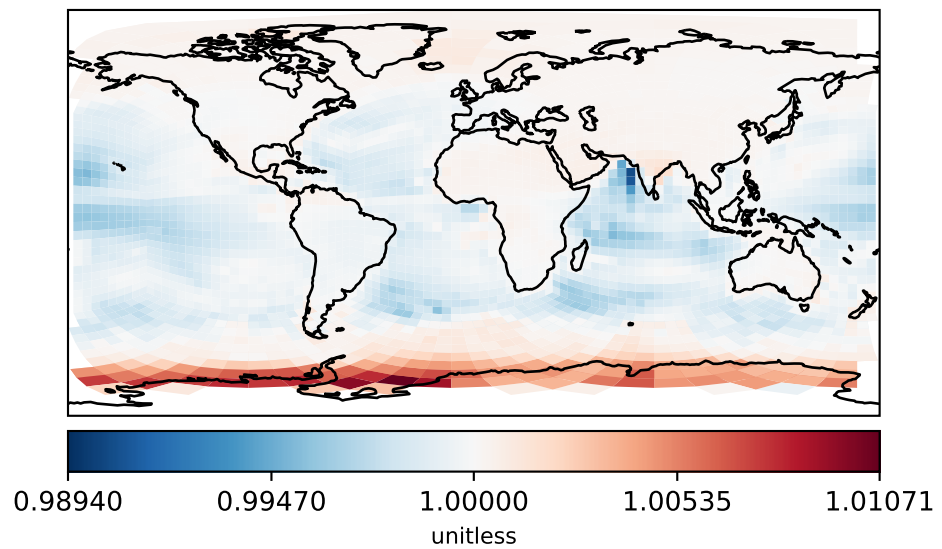
Difference  
Dev - Ref, Dynamic Range



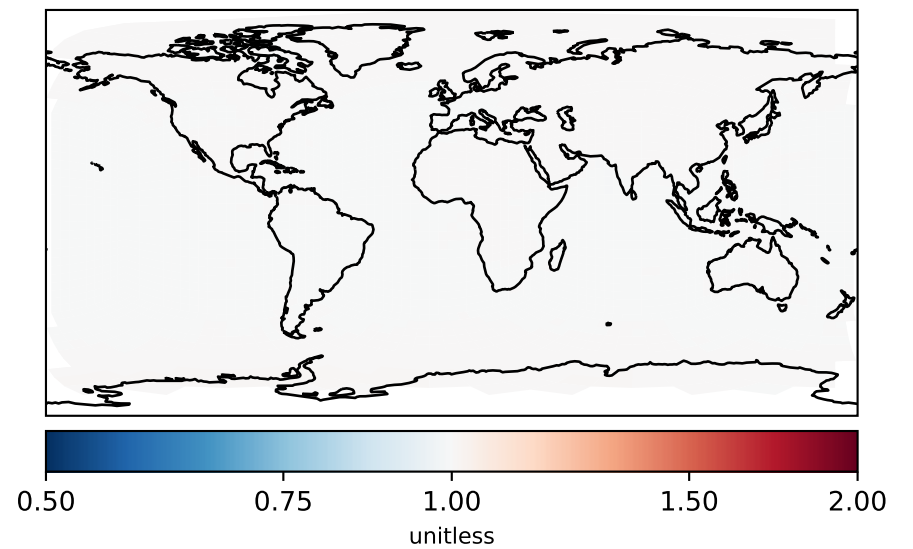
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

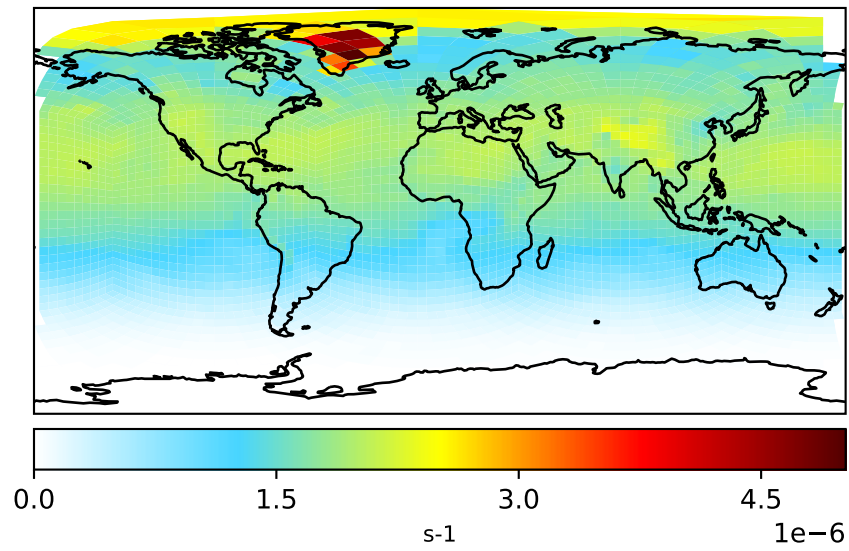


Ratio  
Dev/Ref, Fixed Range

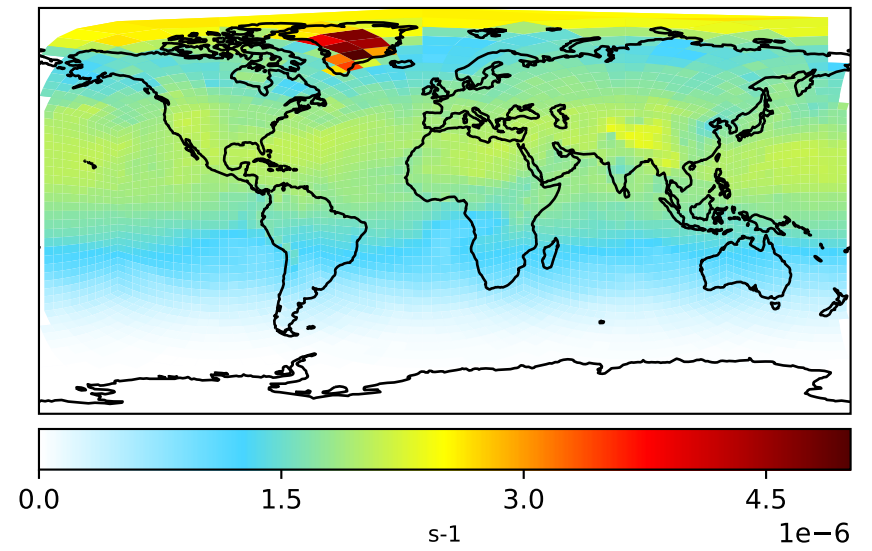


# Jval\_ATOOH

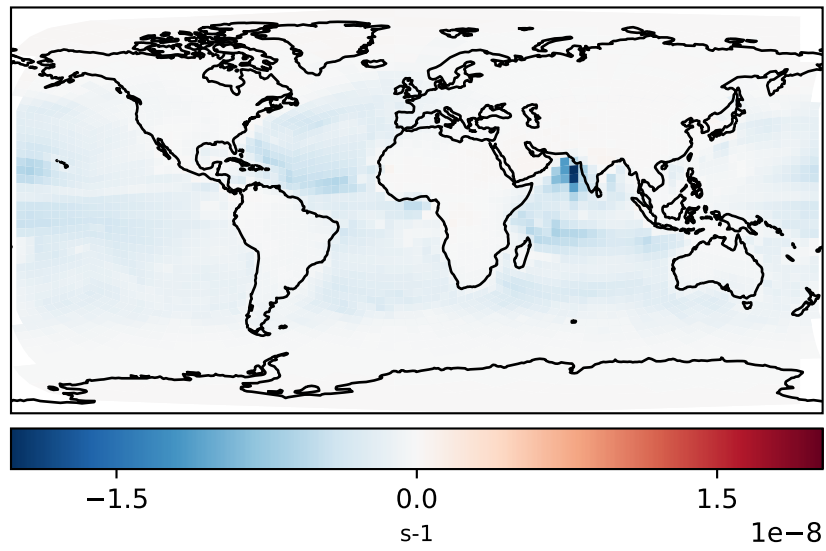
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



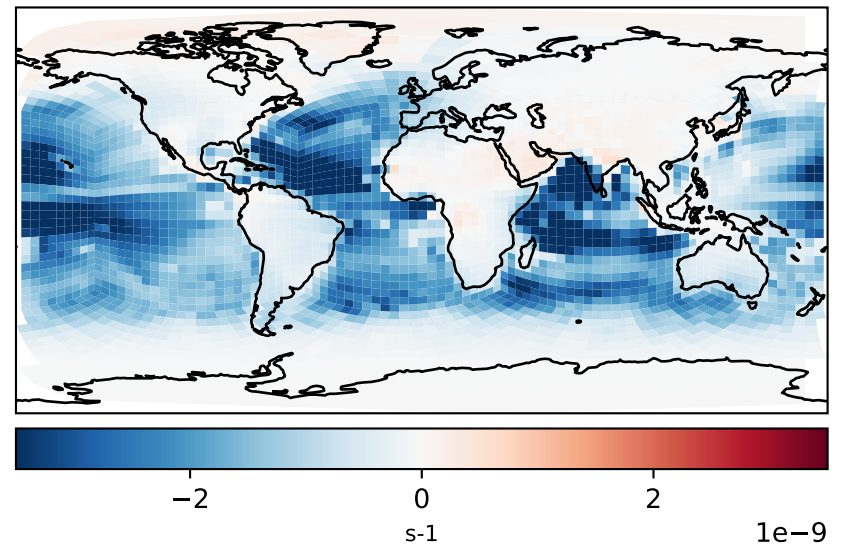
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



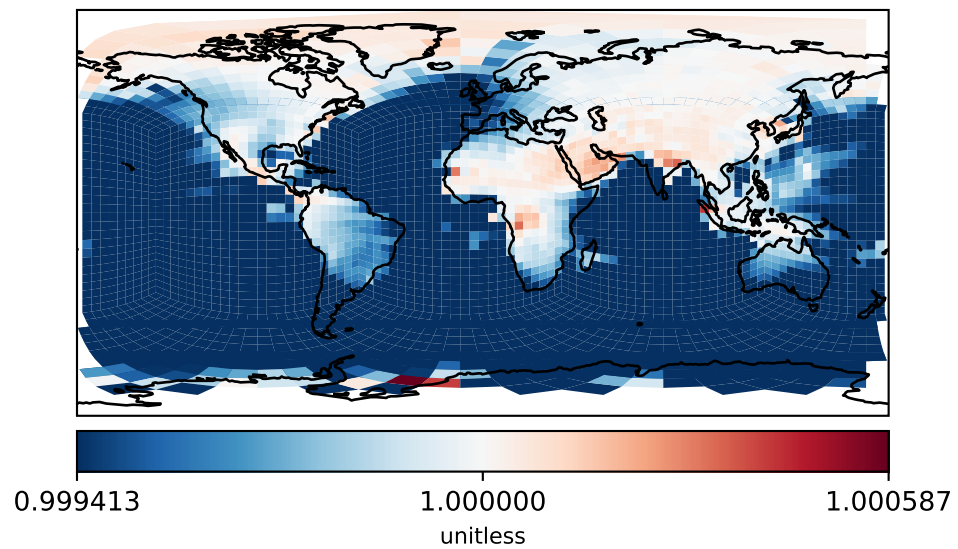
Difference  
Dev - Ref, Dynamic Range



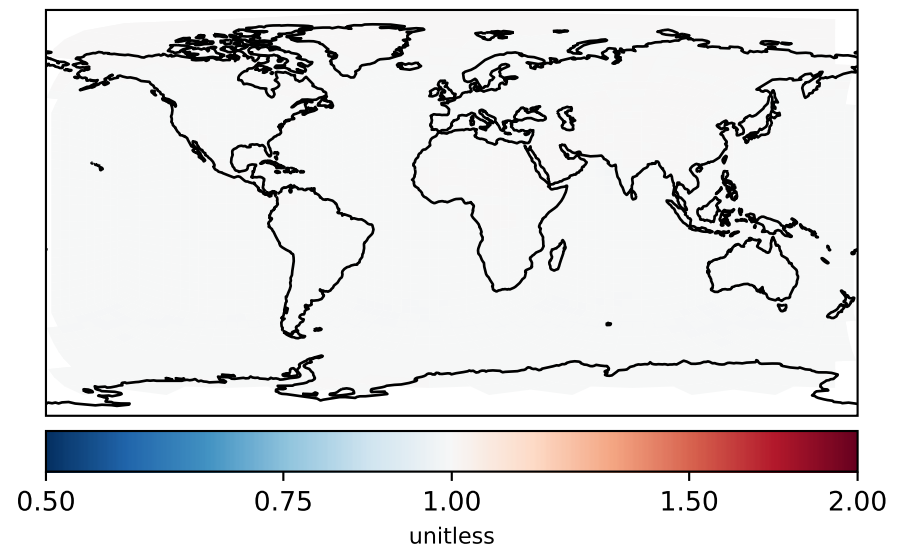
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

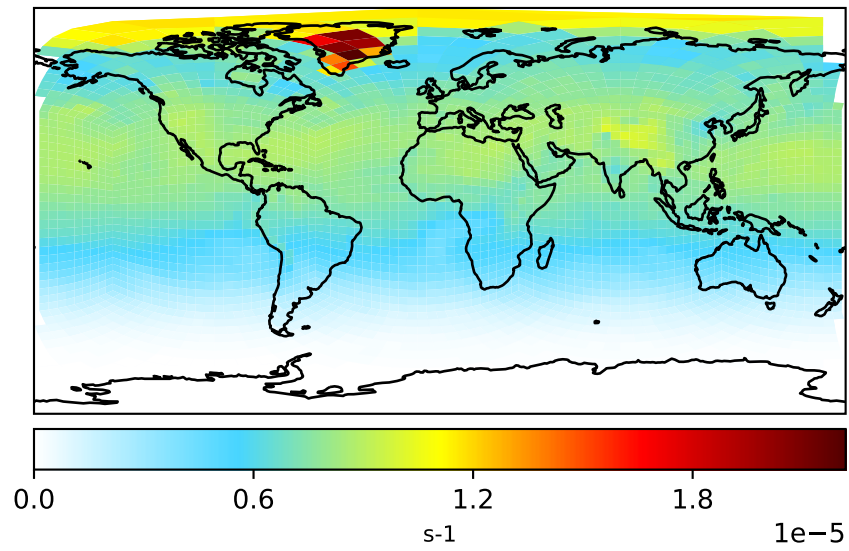


Ratio  
Dev/Ref, Fixed Range

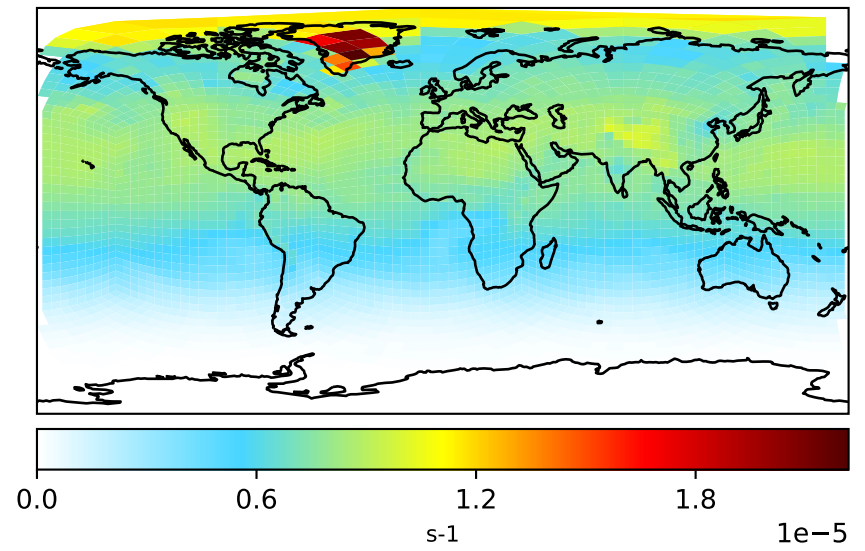


# Jval\_BALD

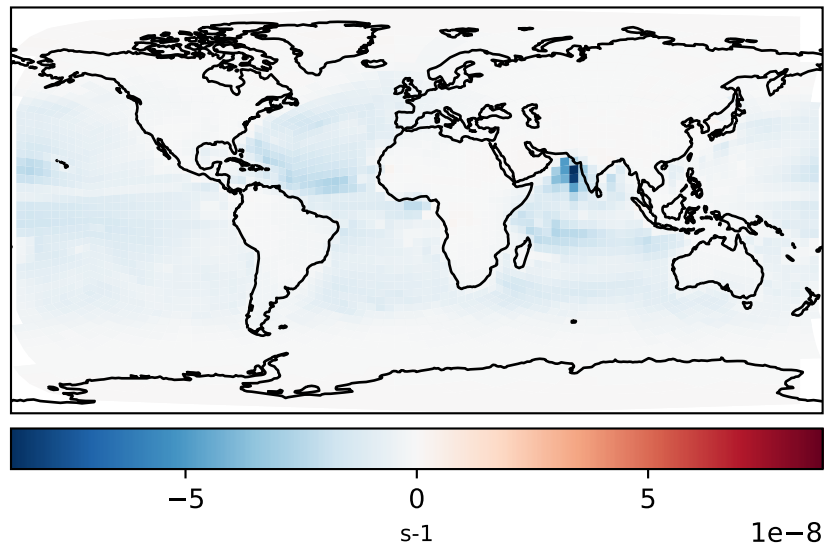
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



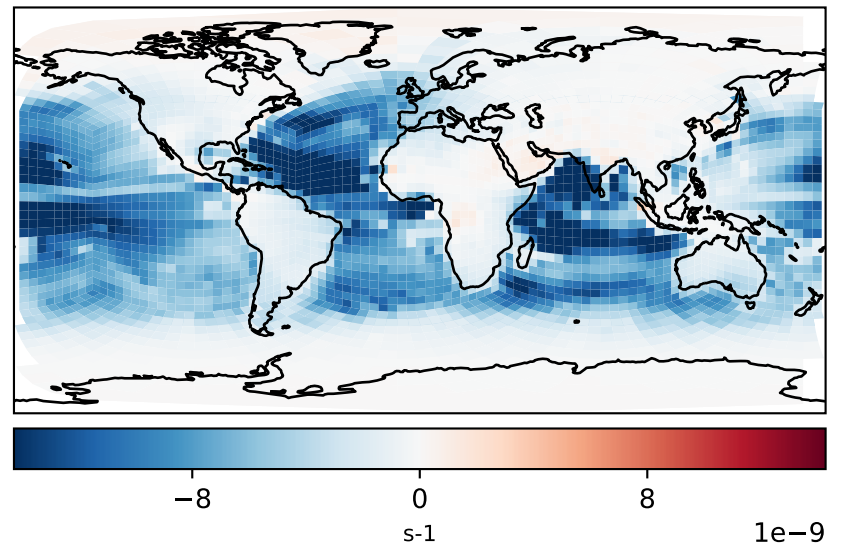
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



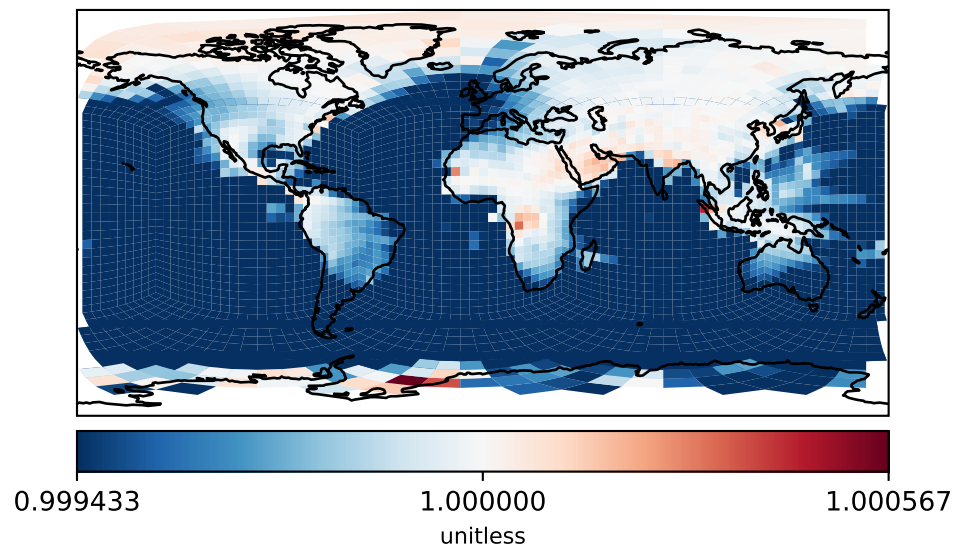
Difference  
Dev - Ref, Dynamic Range



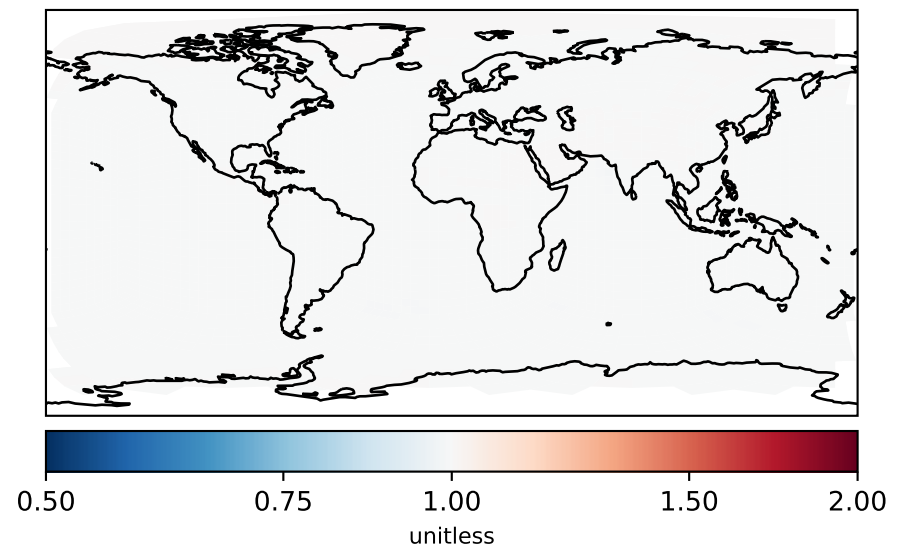
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

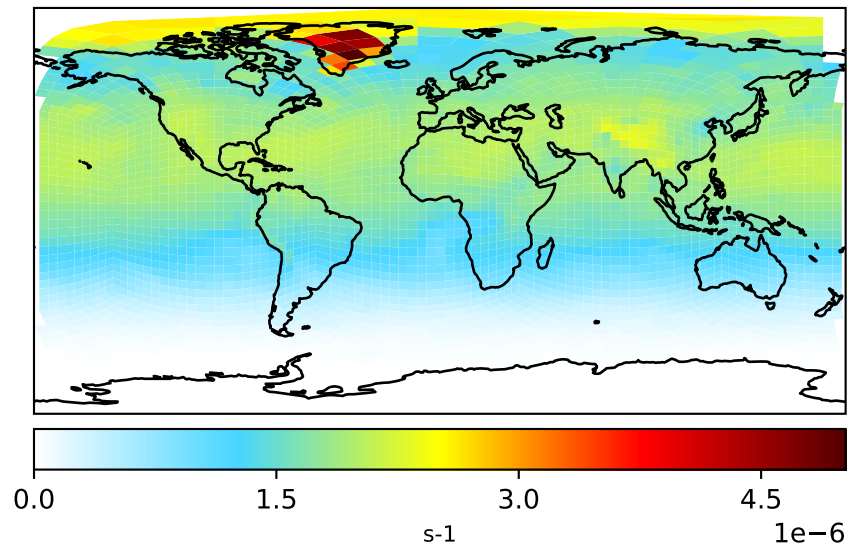


Ratio  
Dev/Ref, Fixed Range

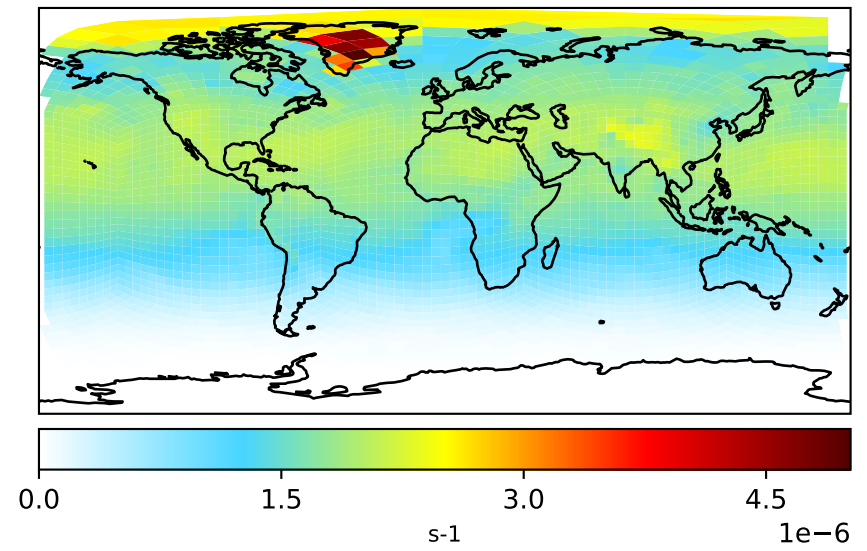


# Jval\_BENZP

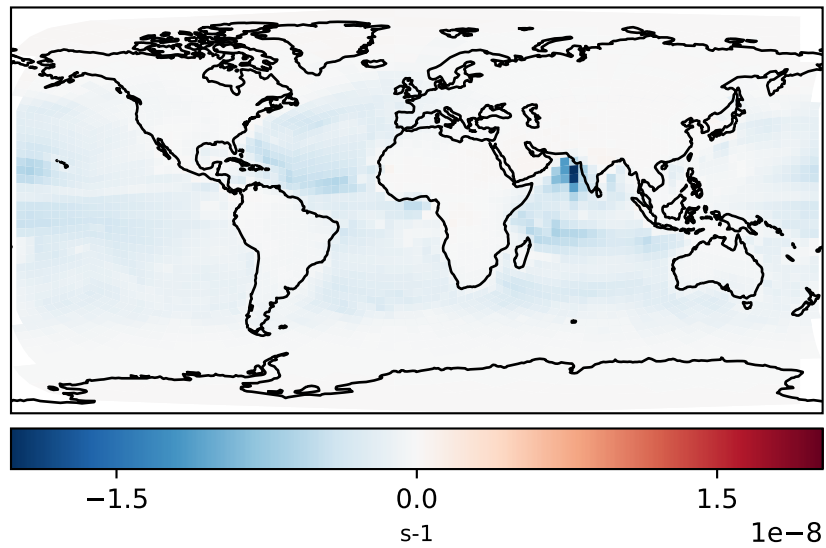
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



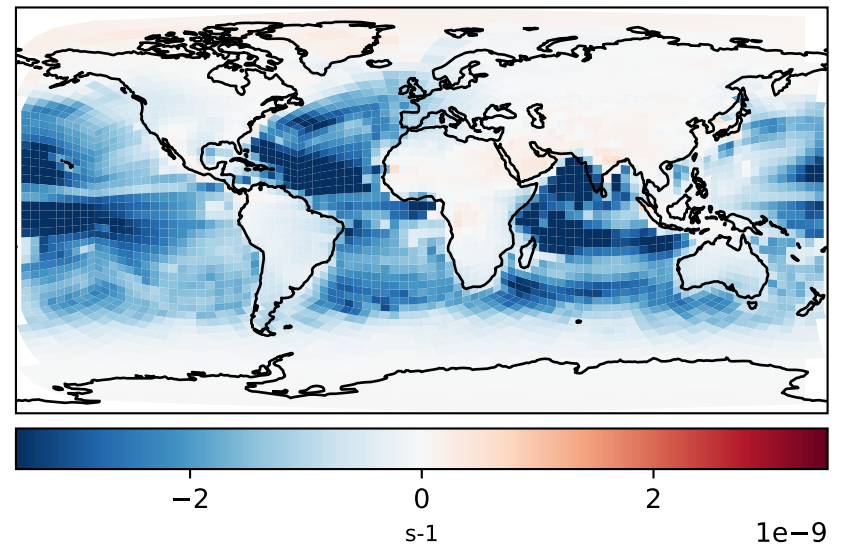
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



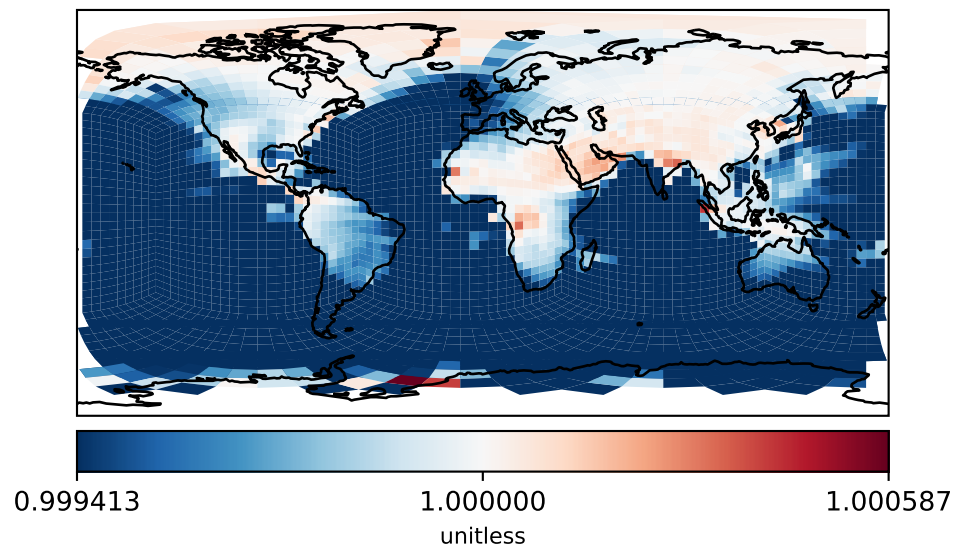
Difference  
Dev - Ref, Dynamic Range



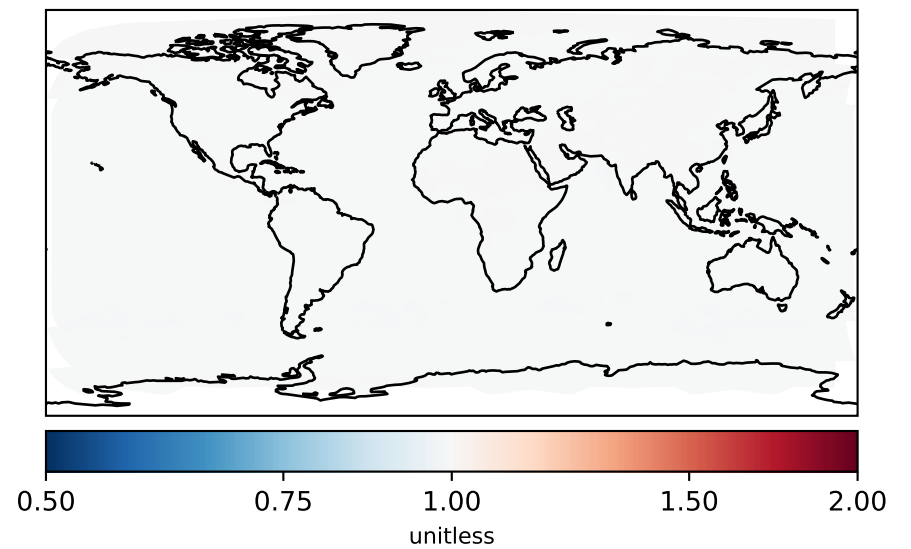
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

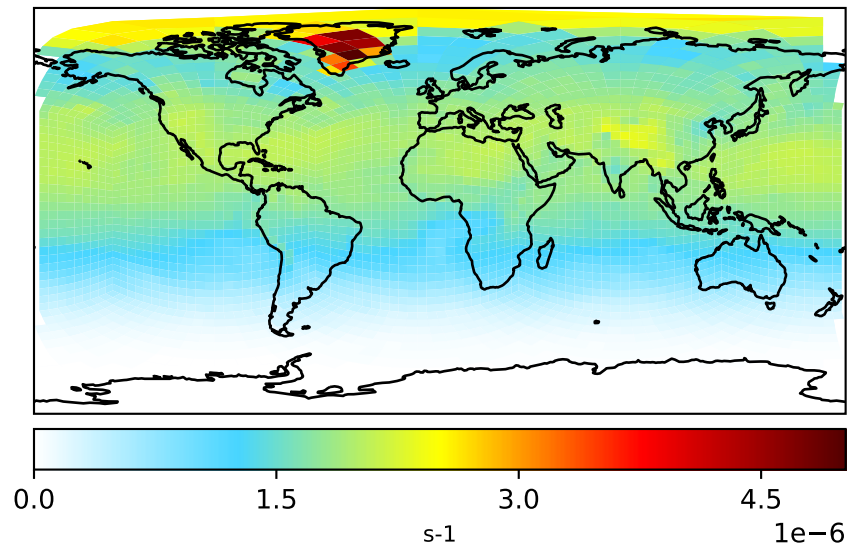


Ratio  
Dev/Ref, Fixed Range

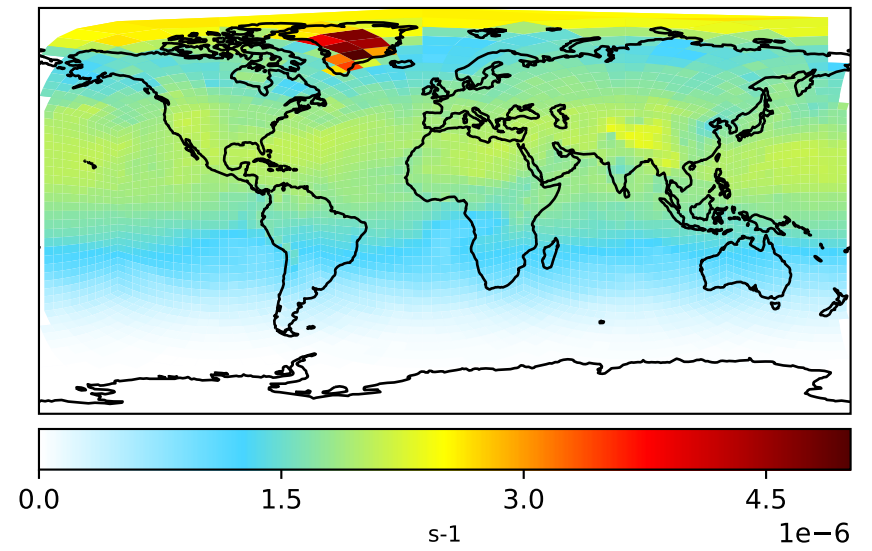


# Jval\_BZCO3H

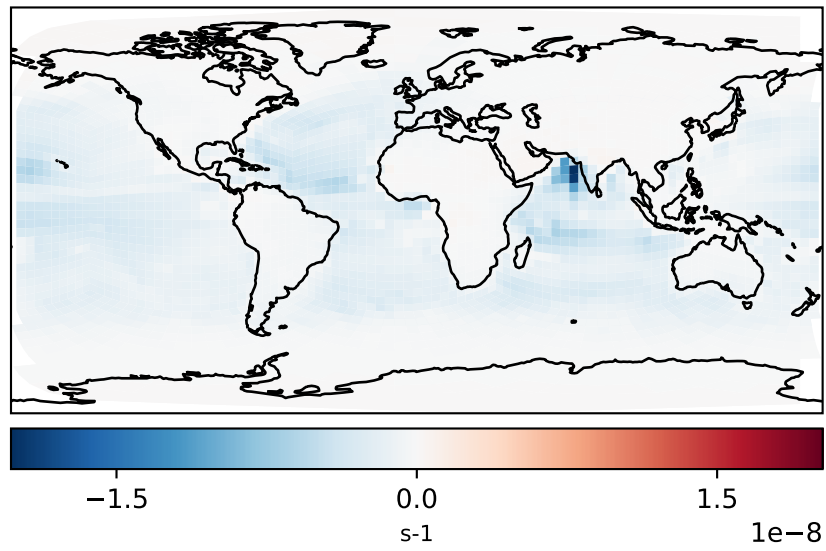
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



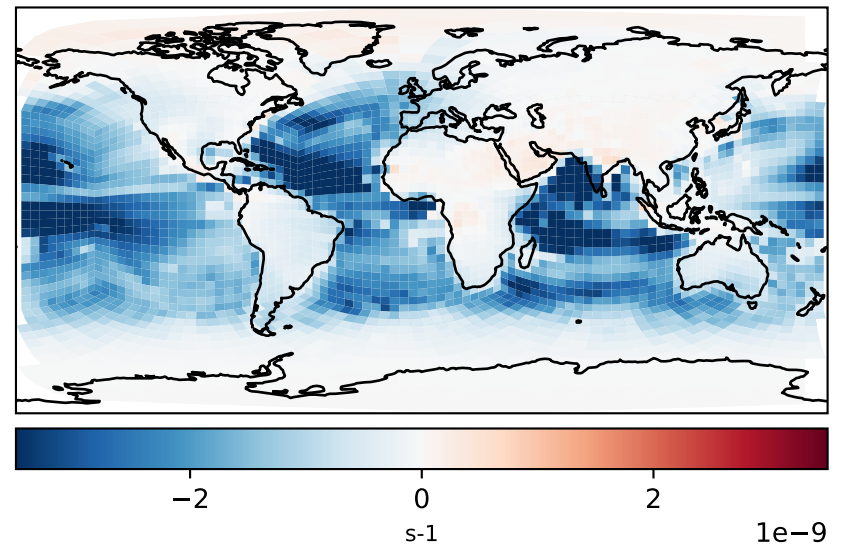
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



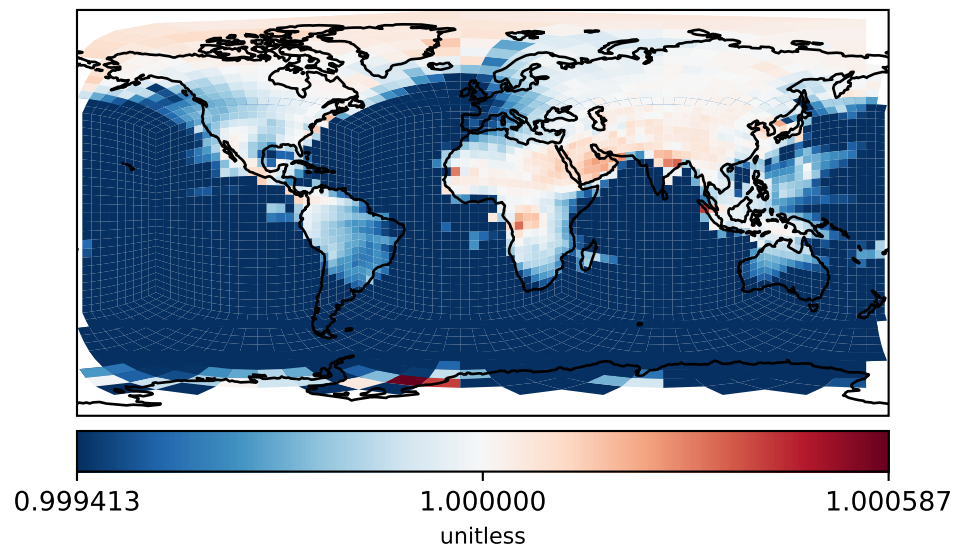
Difference  
Dev - Ref, Dynamic Range



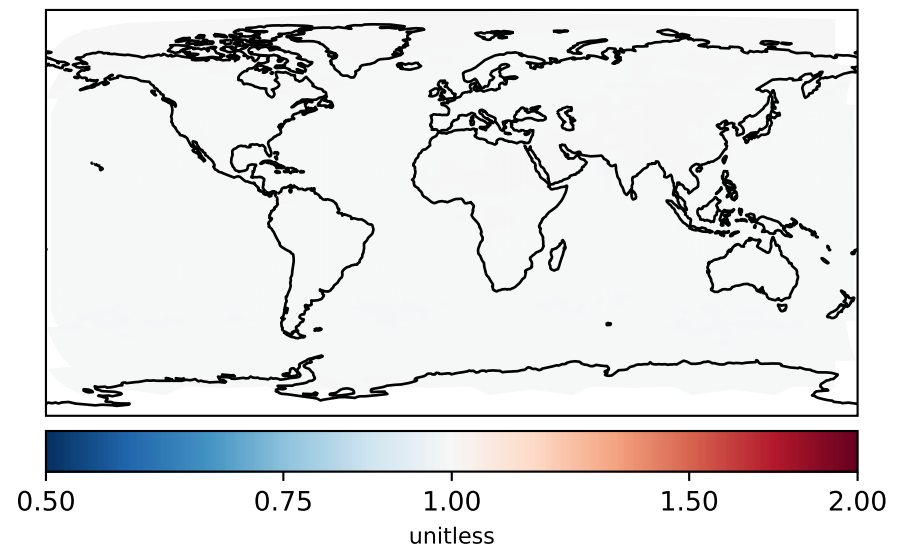
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



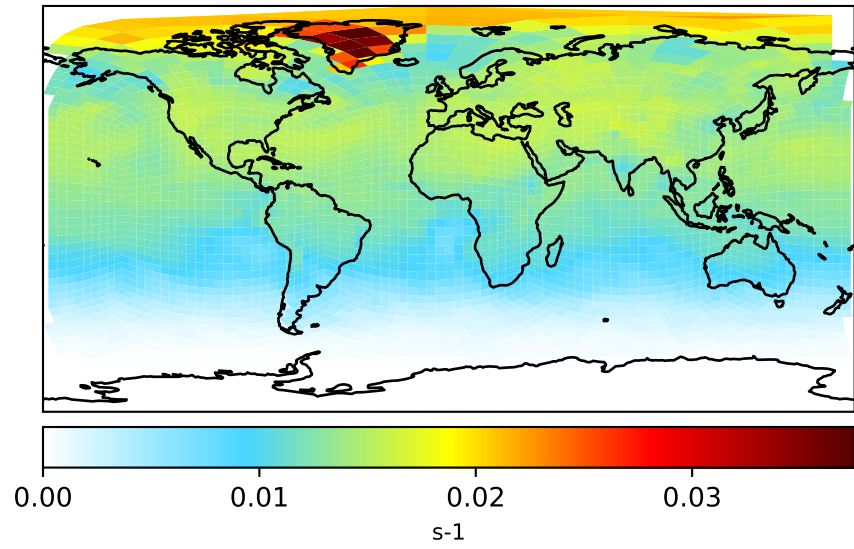
Ratio  
Dev/Ref, Fixed Range



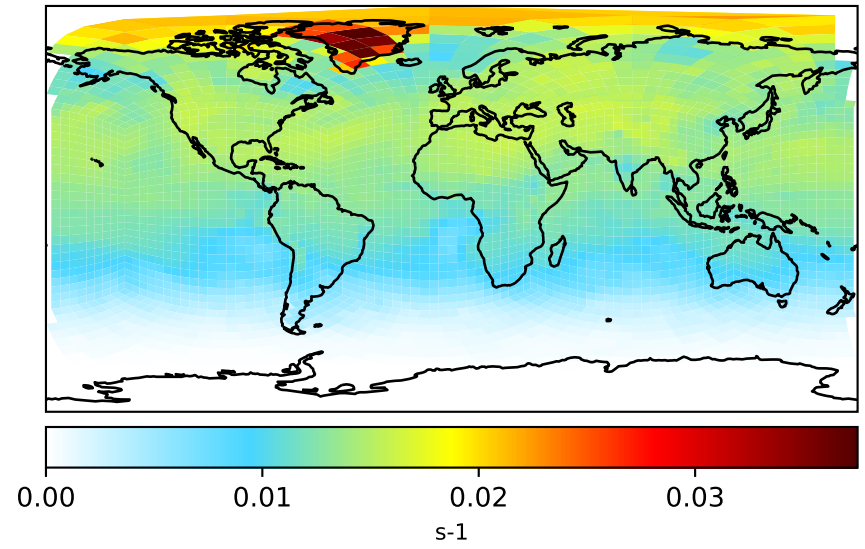


# Jval\_Br2

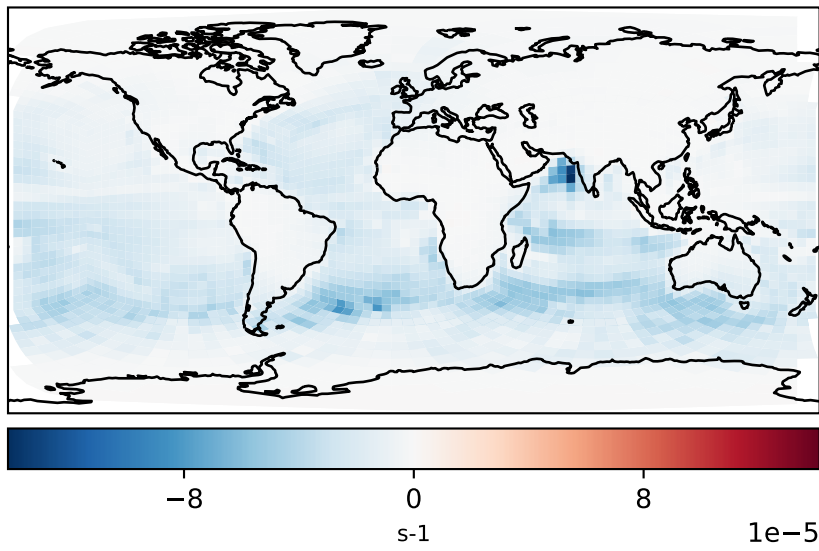
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



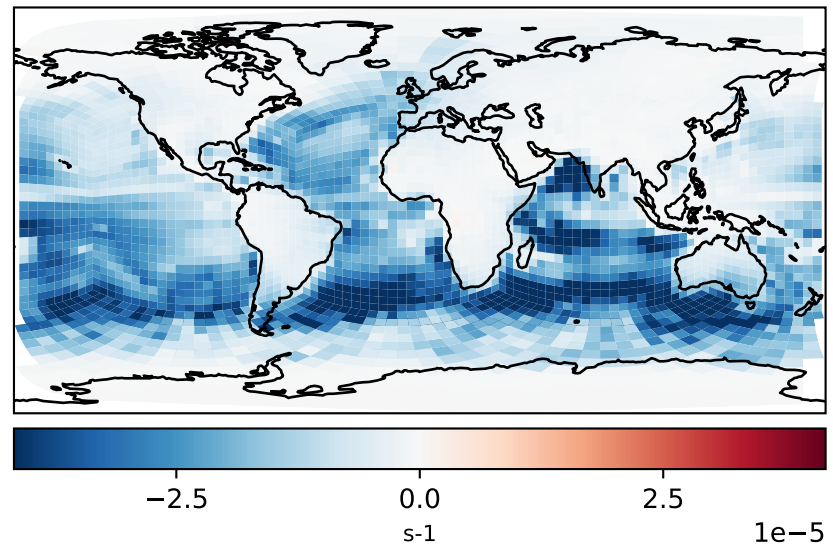
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



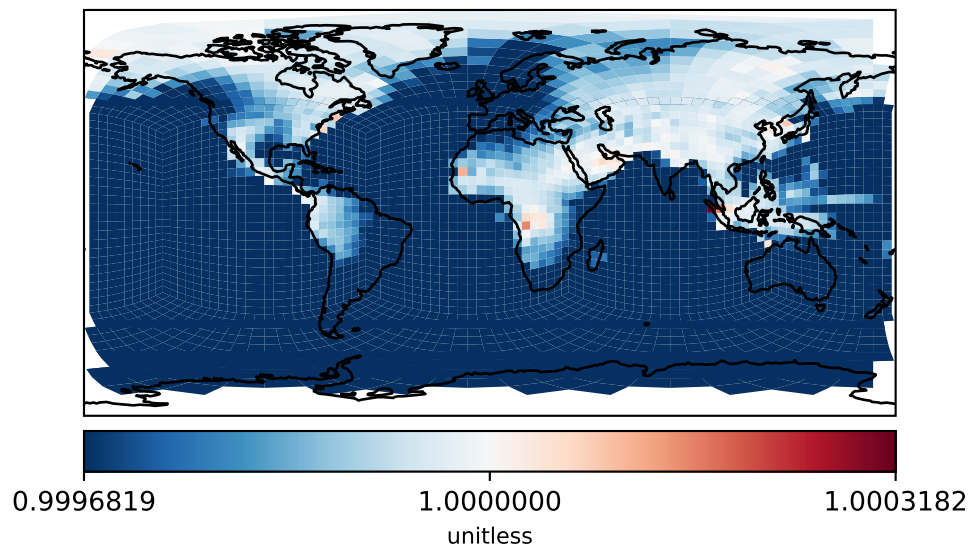
Difference  
Dev - Ref, Dynamic Range



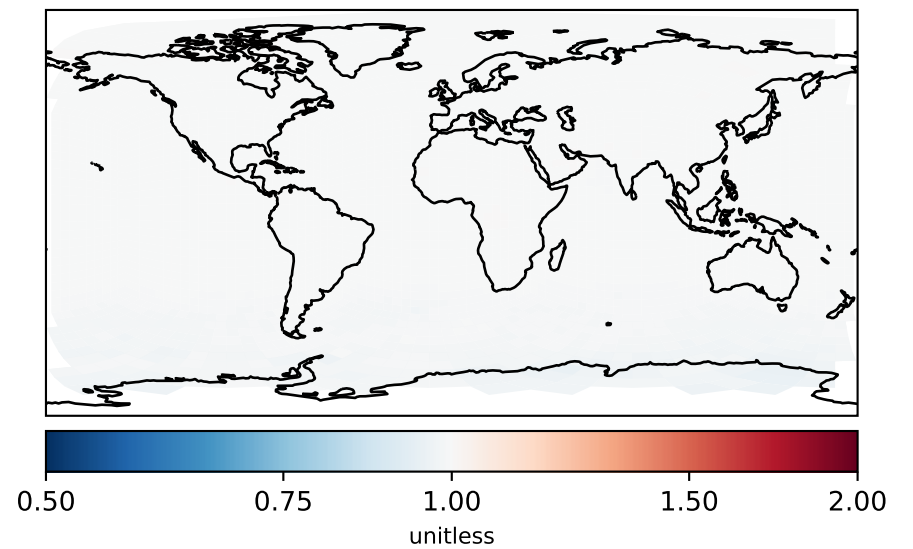
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

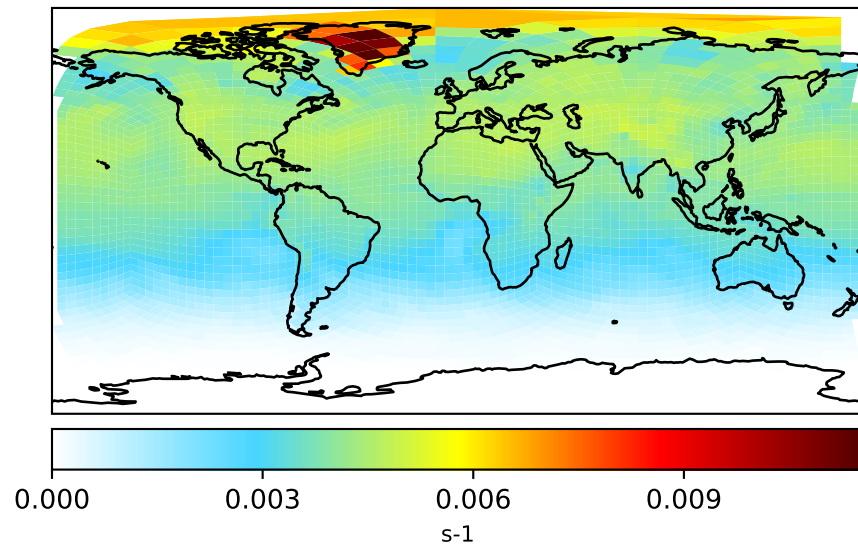


Ratio  
Dev/Ref, Fixed Range

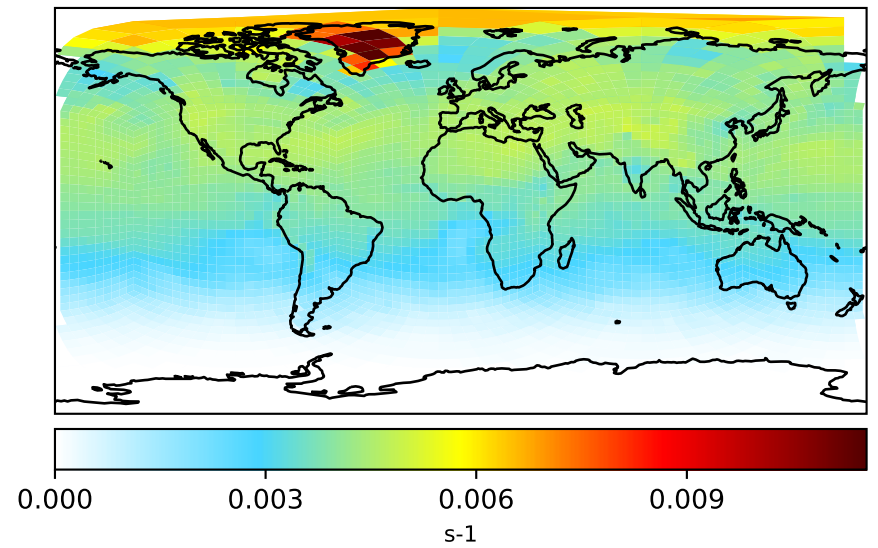


# Jval\_BrCI

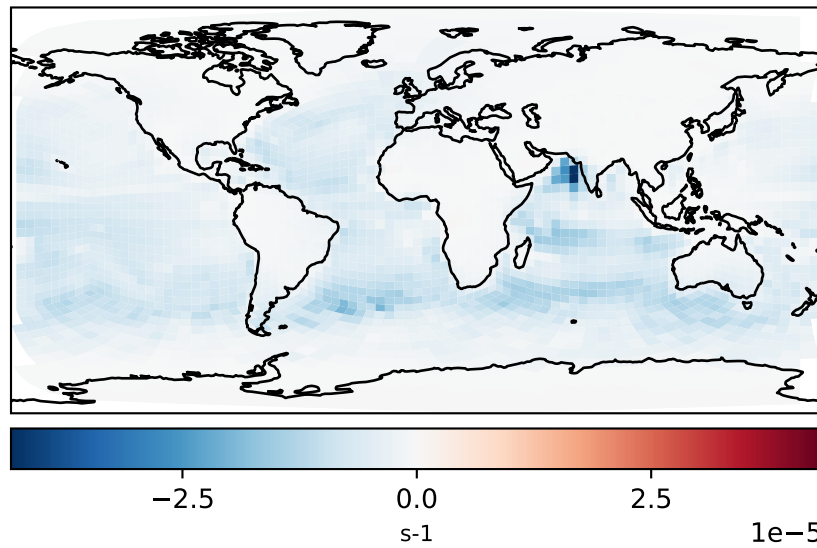
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



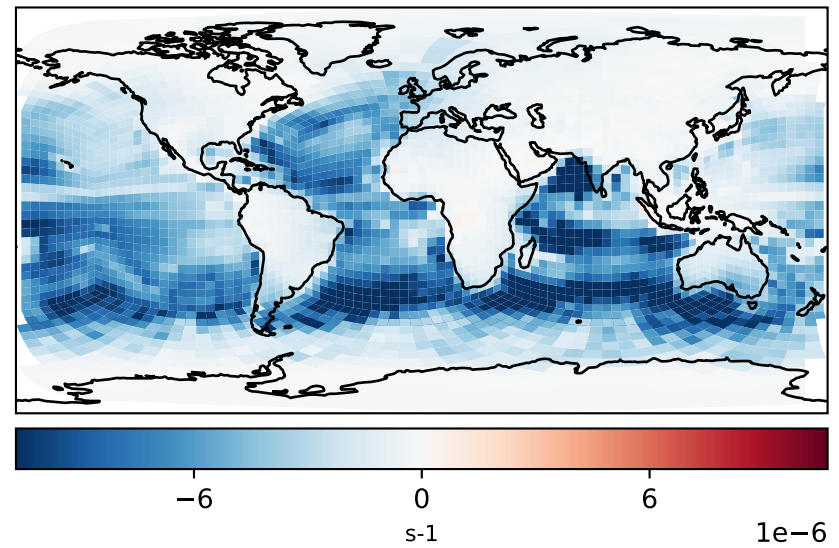
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



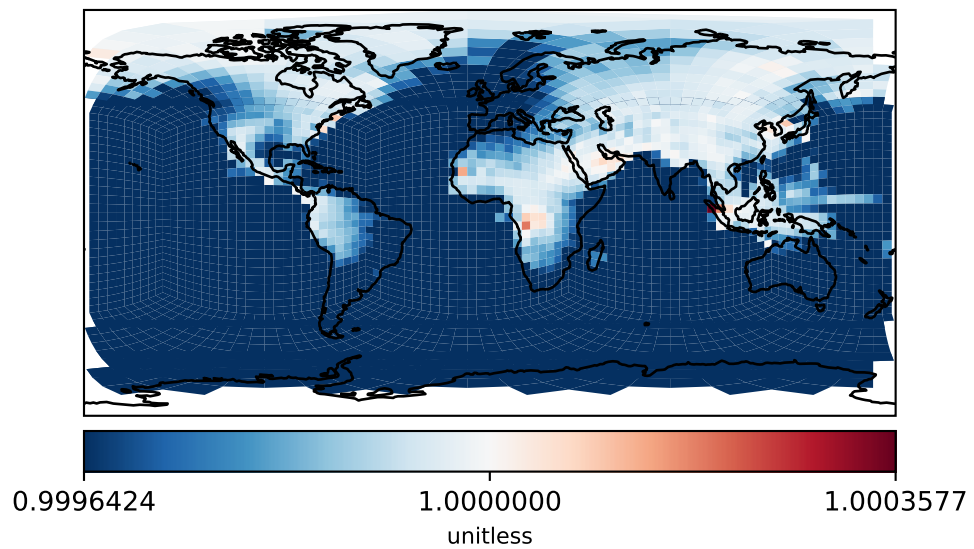
Difference  
Dev - Ref, Dynamic Range



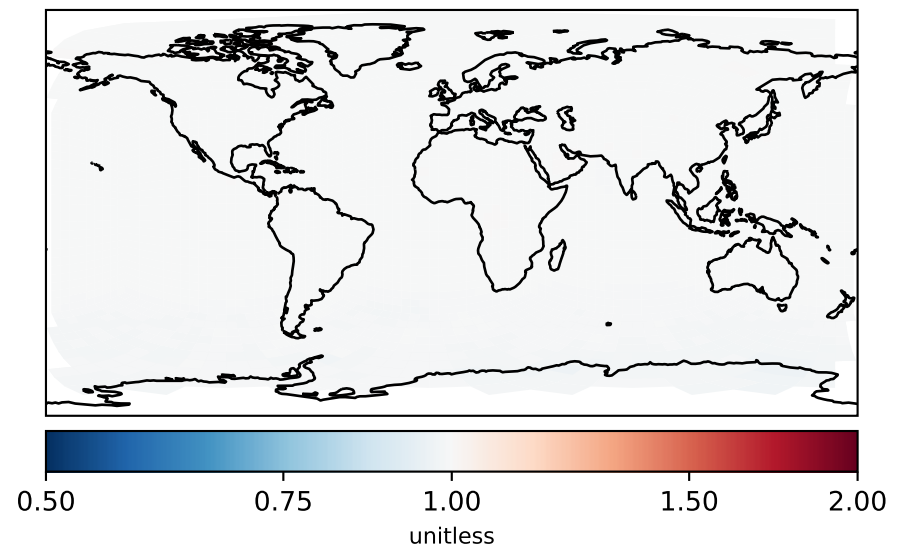
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

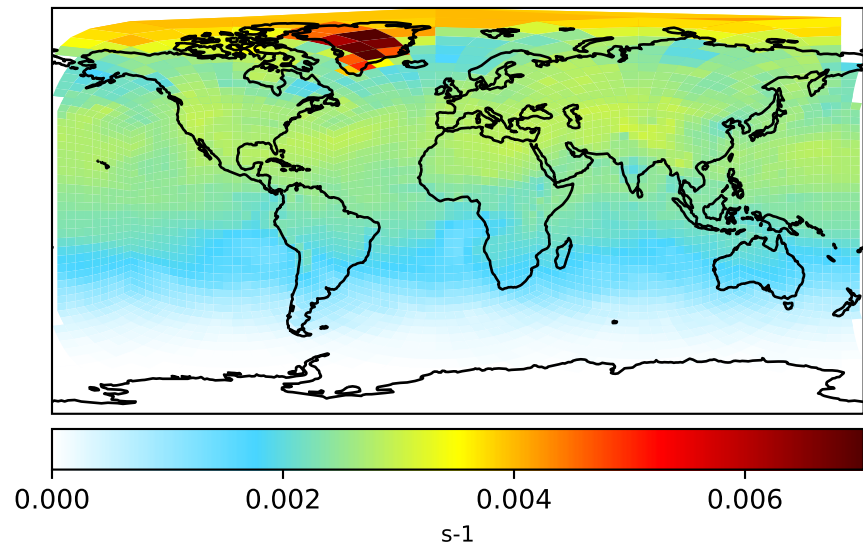


Ratio  
Dev/Ref, Fixed Range

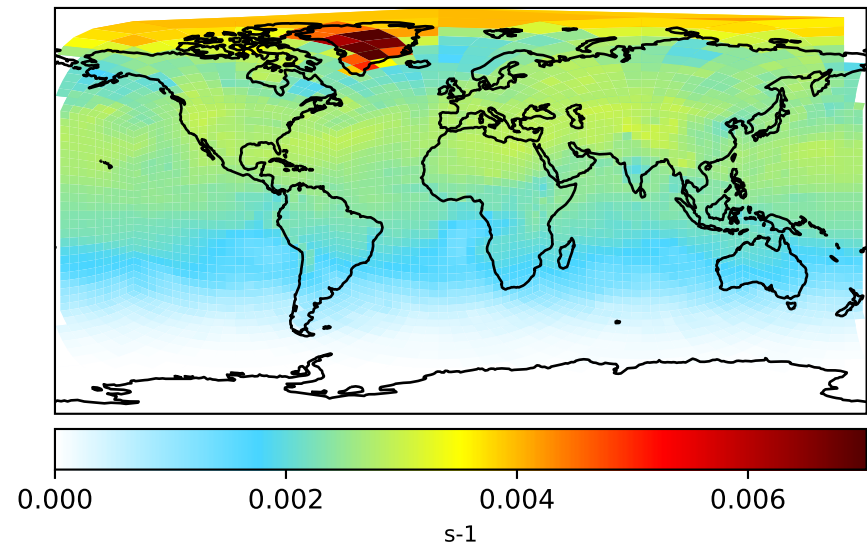


# Jval\_BrNO2

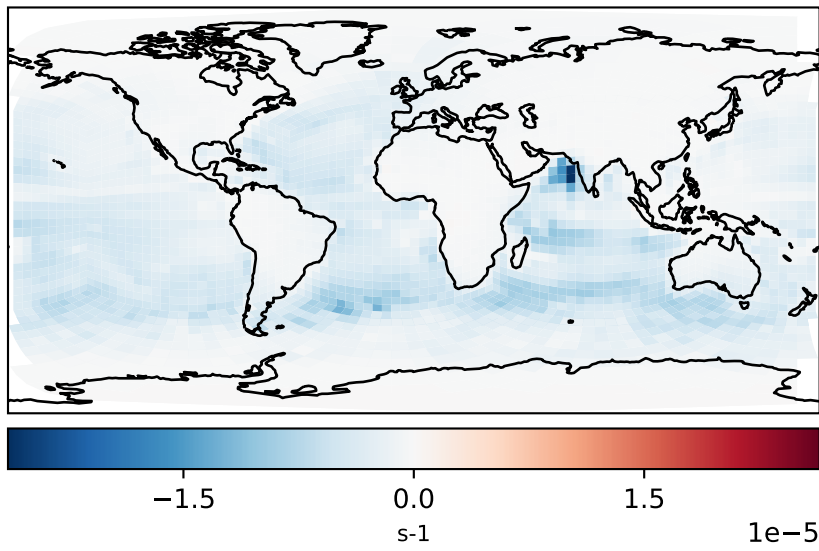
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



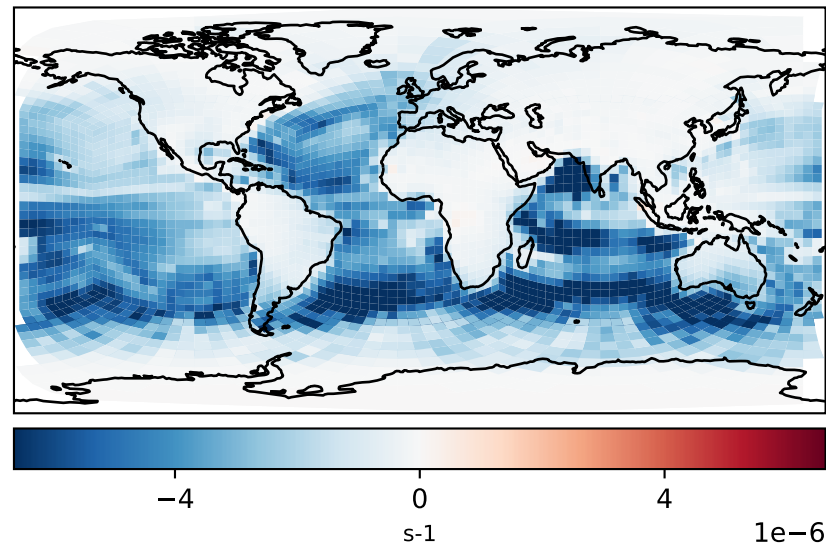
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



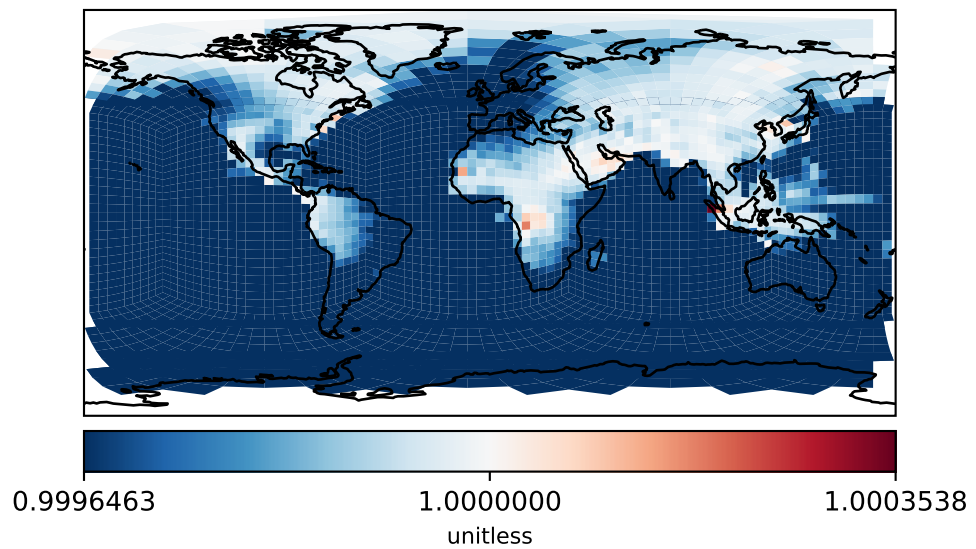
Difference  
Dev - Ref, Dynamic Range



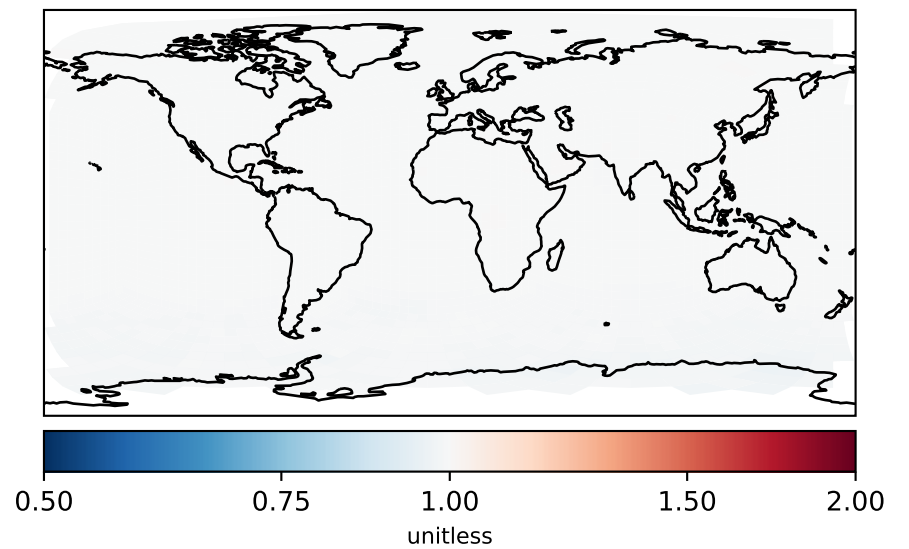
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

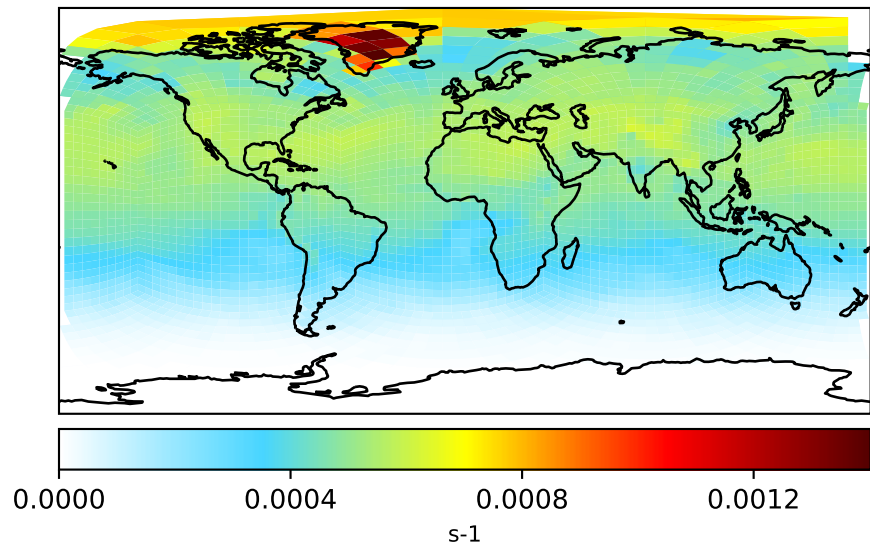


Ratio  
Dev/Ref, Fixed Range

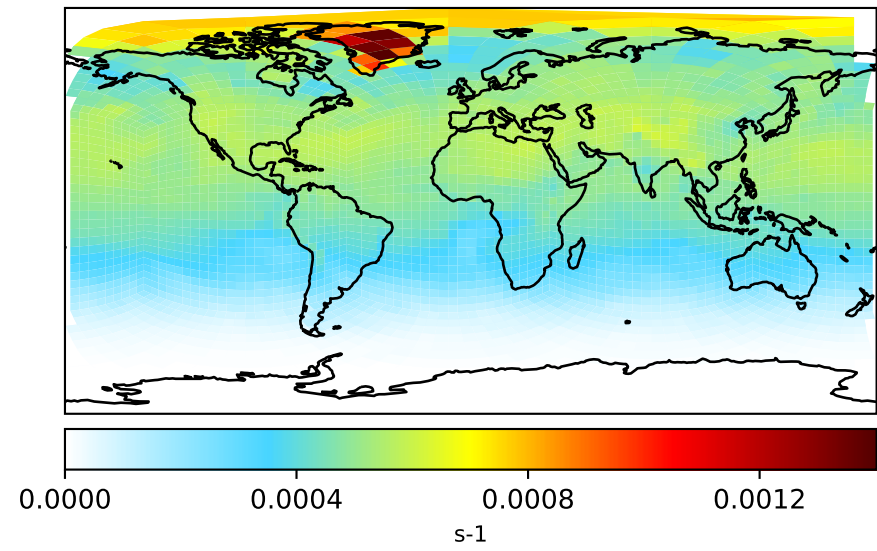


# Jval\_BrNO3

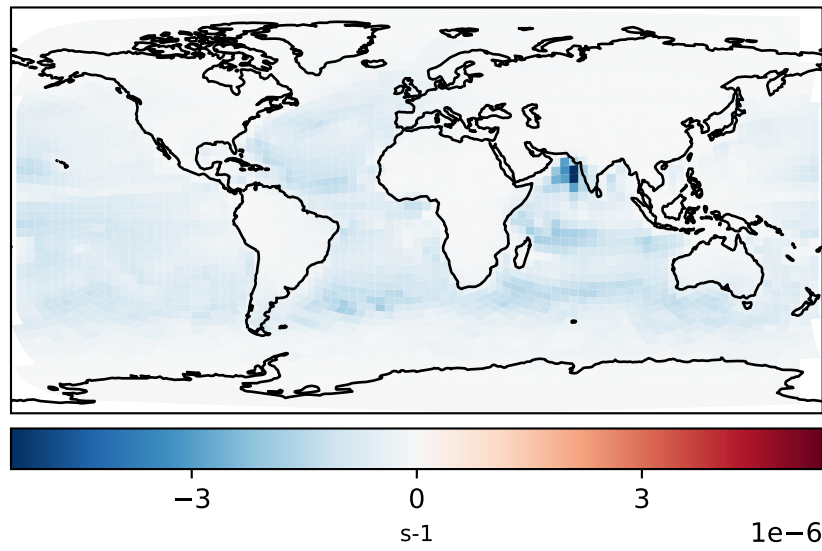
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



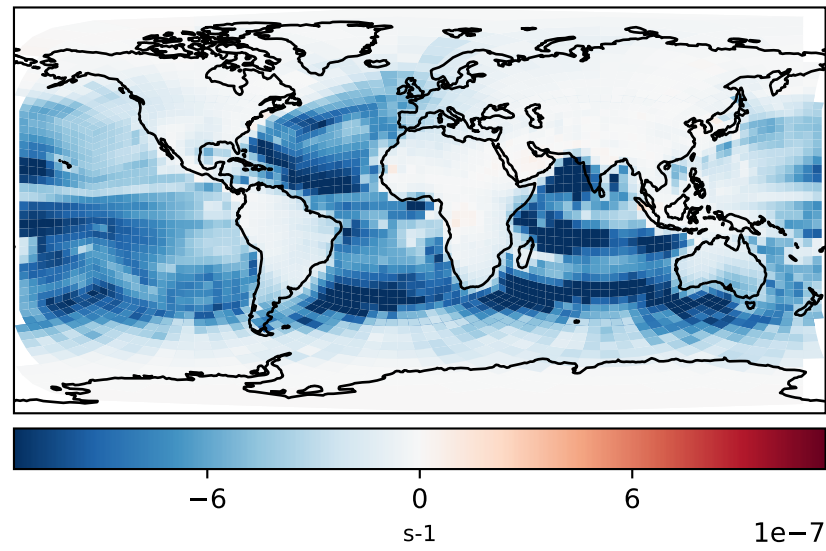
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



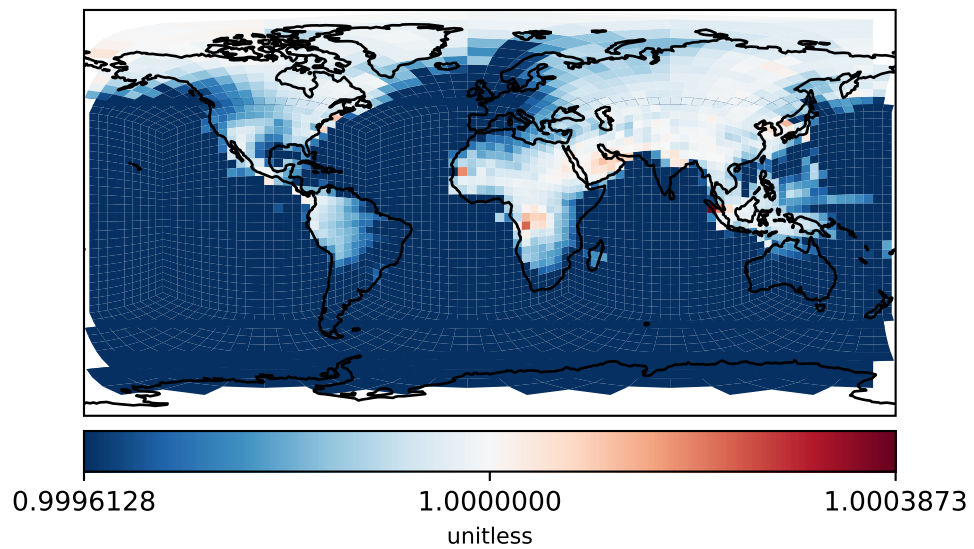
Difference  
Dev - Ref, Dynamic Range



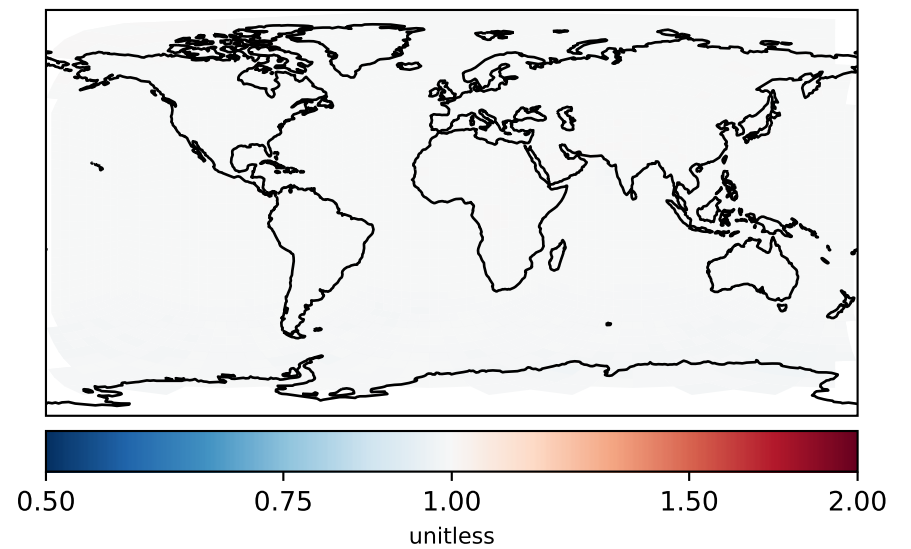
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

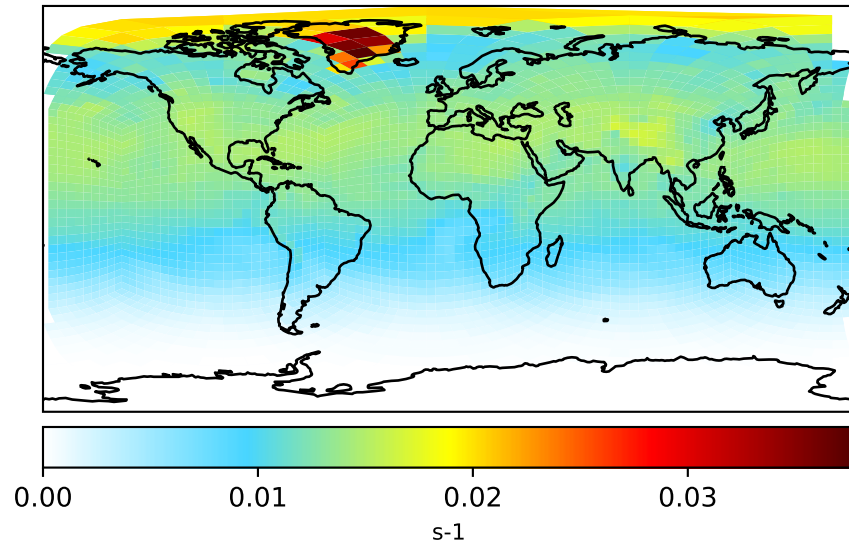


Ratio  
Dev/Ref, Fixed Range

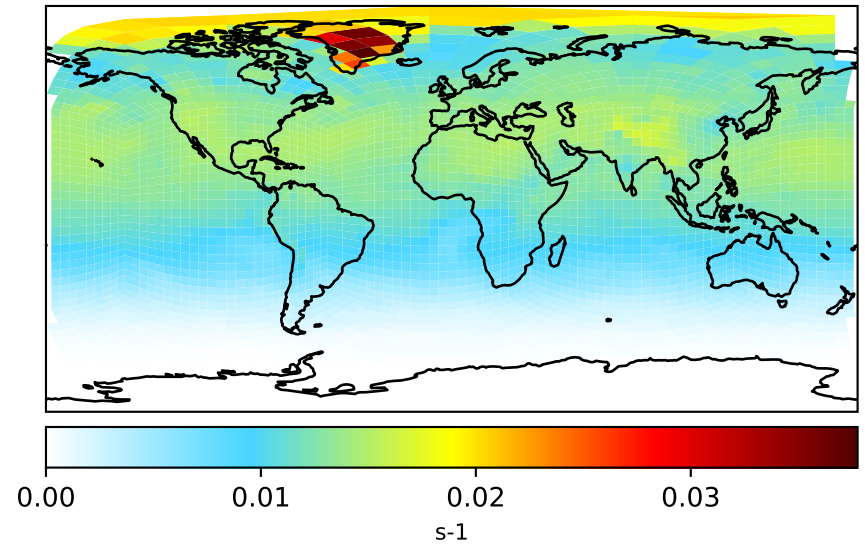


# Jval\_BrO

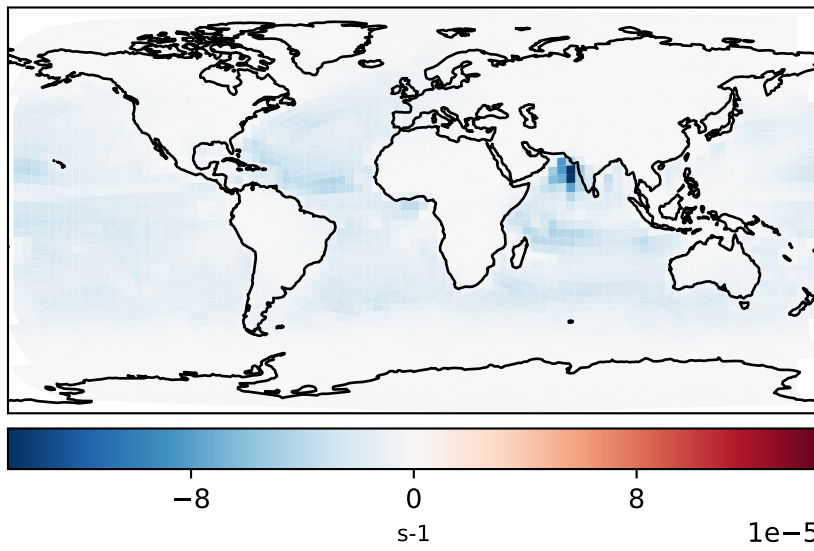
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



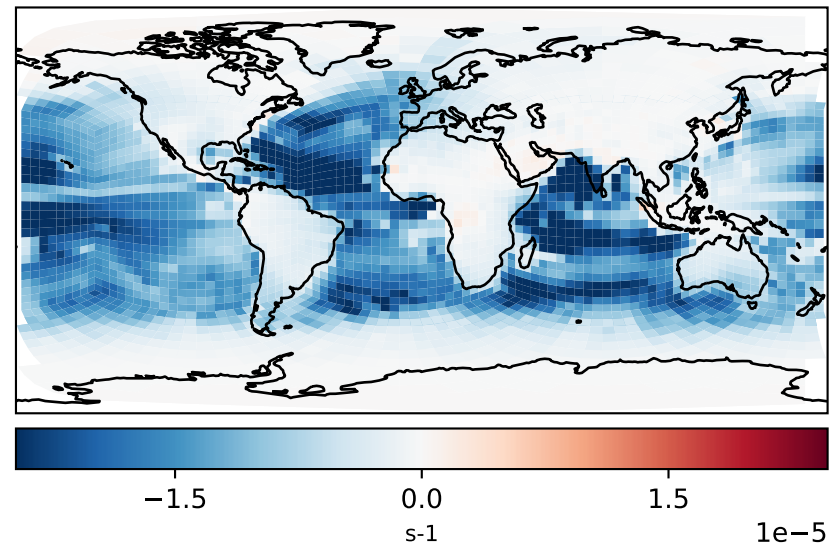
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



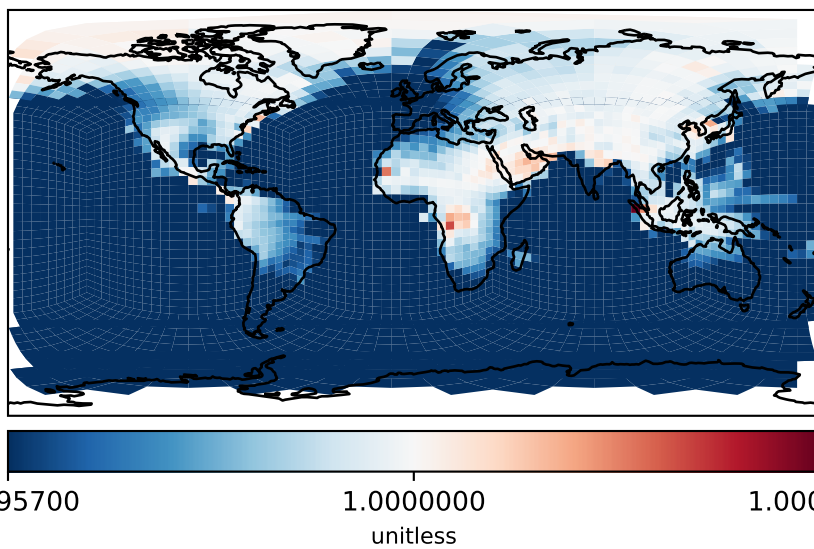
Difference  
Dev - Ref, Dynamic Range



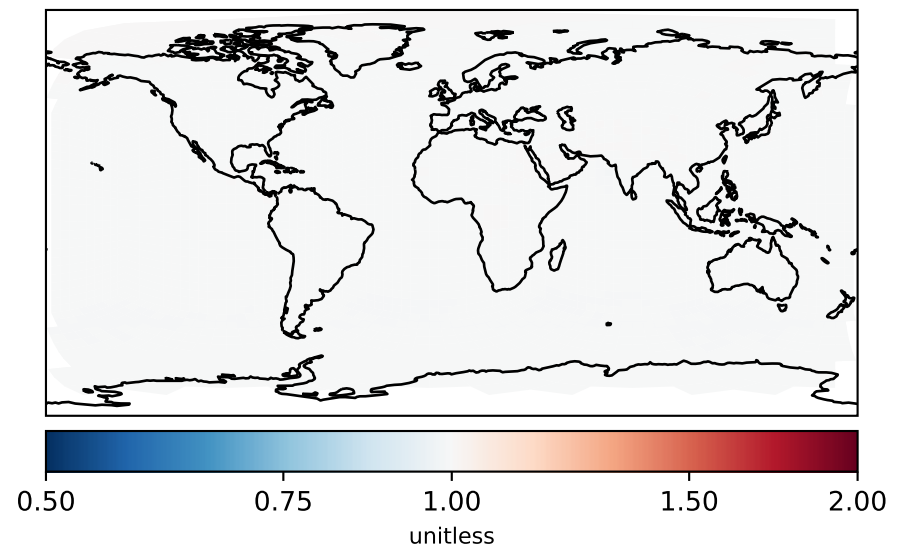
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

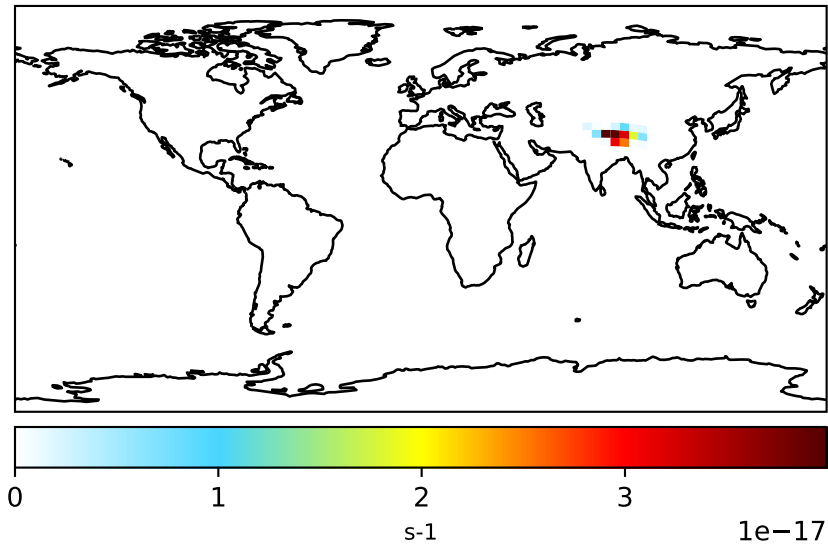


Ratio  
Dev/Ref, Fixed Range

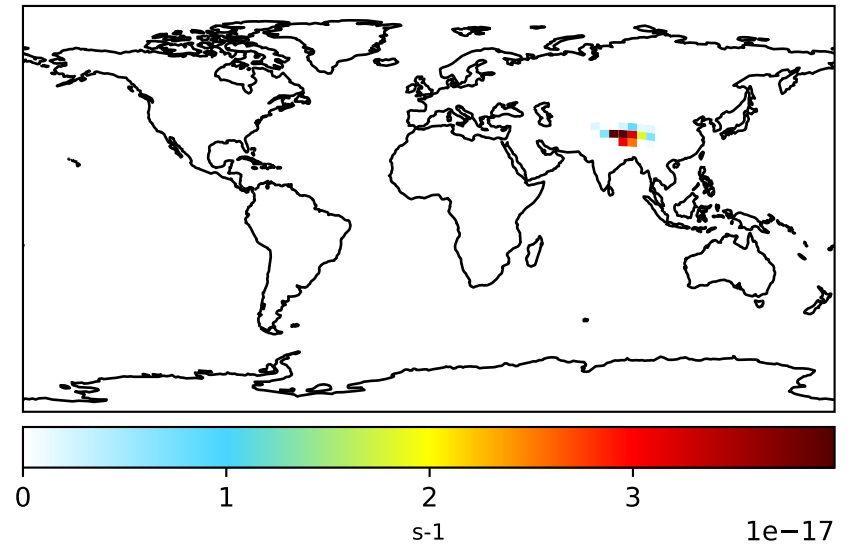


# Jval\_CCI4

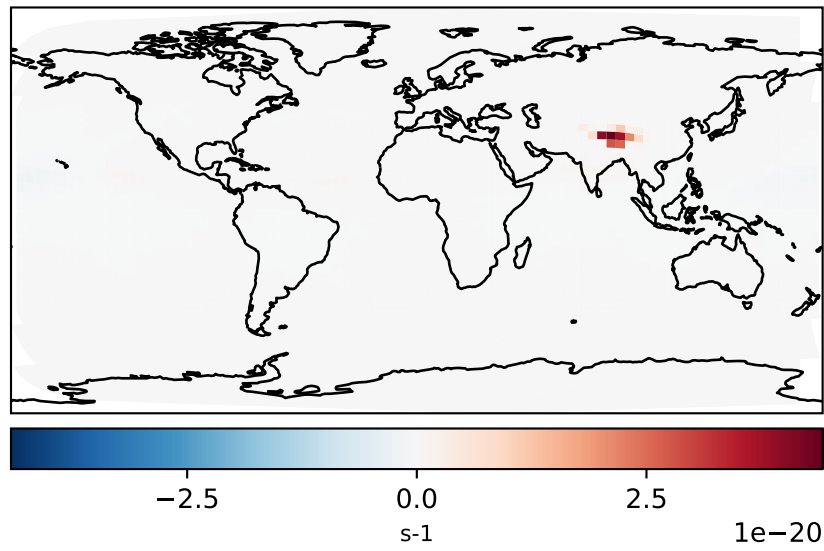
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



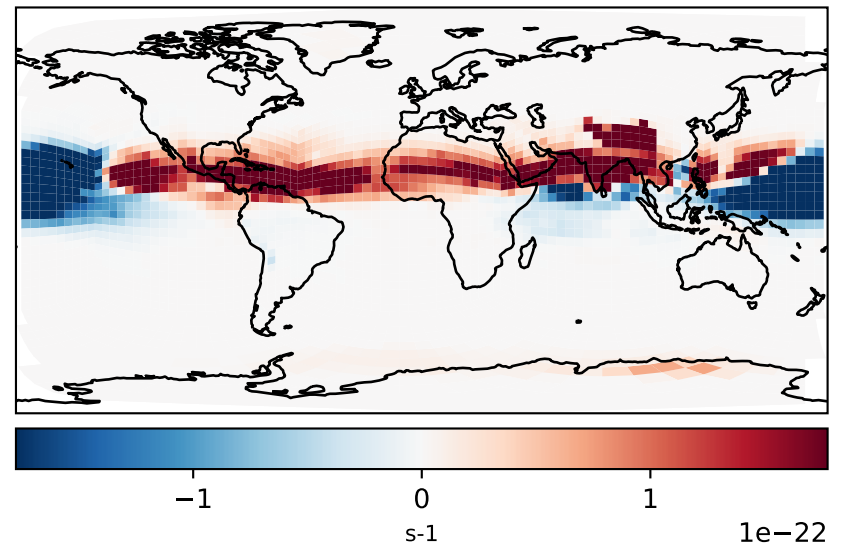
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



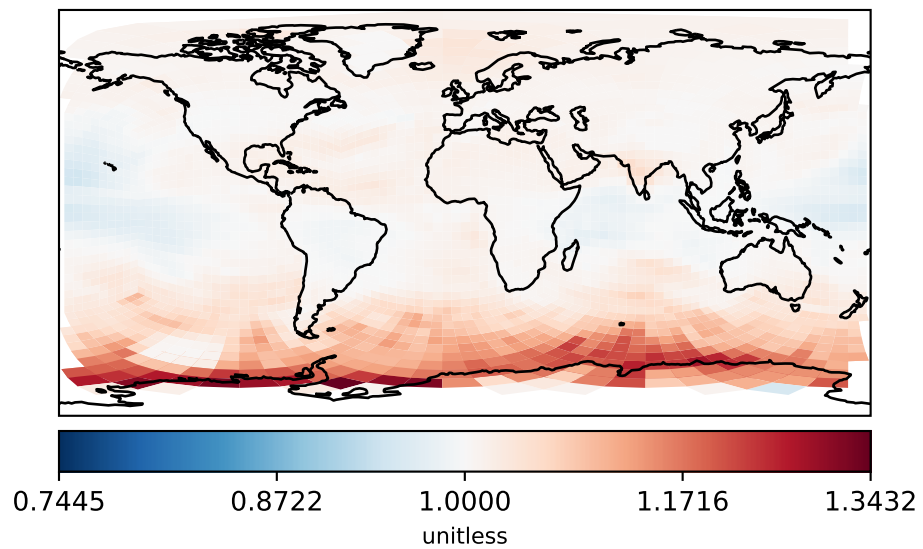
Difference  
Dev - Ref, Dynamic Range



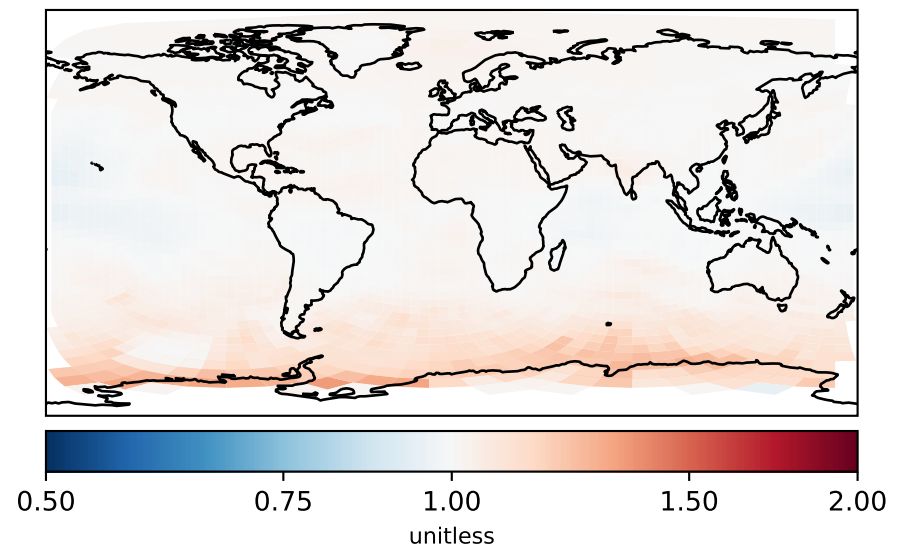
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

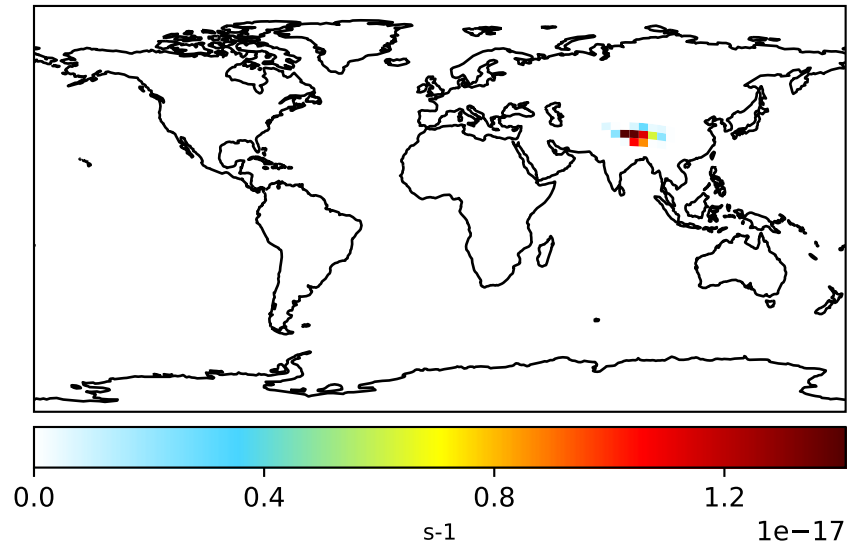


Ratio  
Dev/Ref, Fixed Range

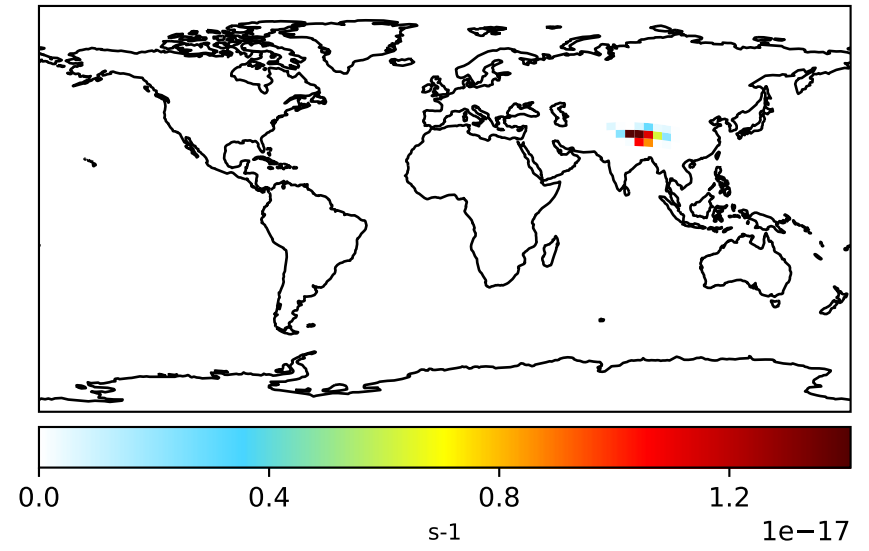


# Jval\_CFC11

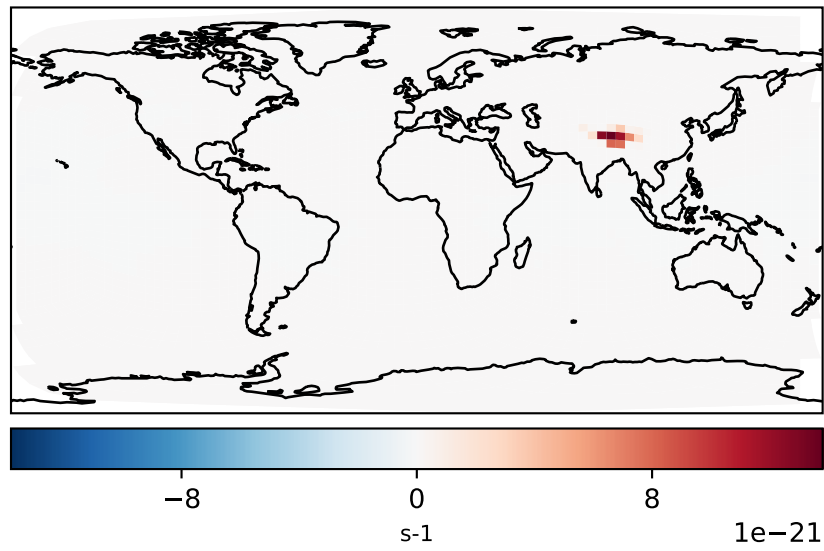
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



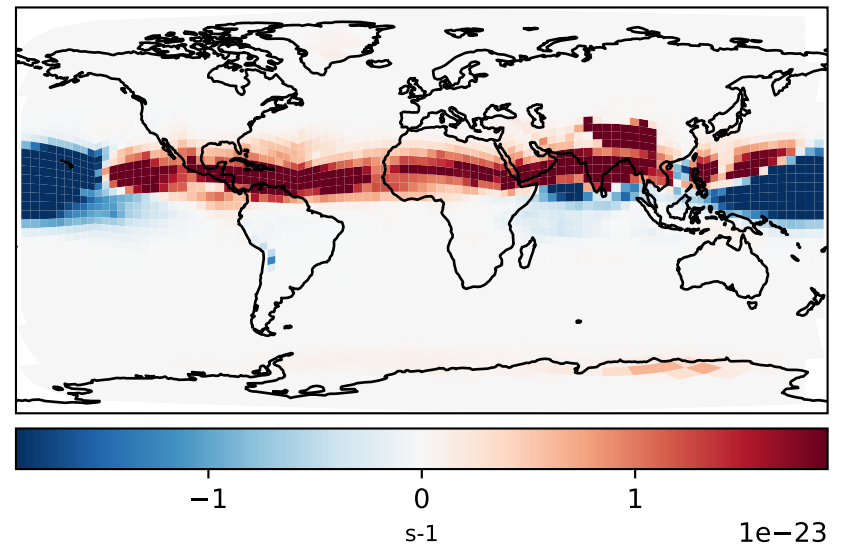
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



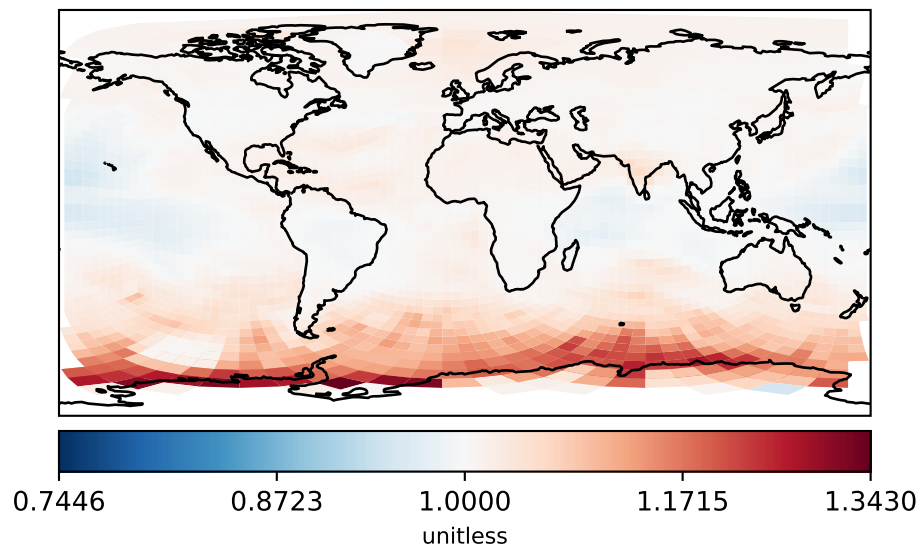
Difference  
Dev - Ref, Dynamic Range



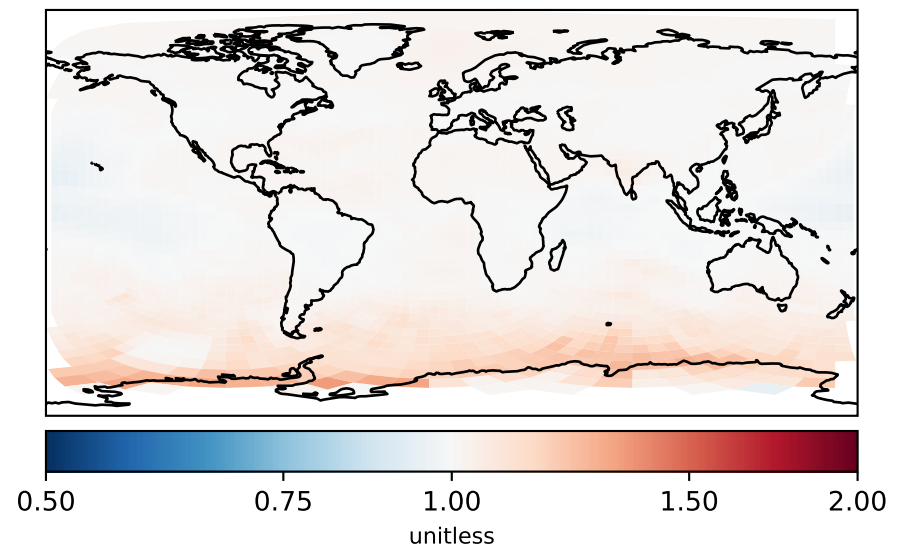
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

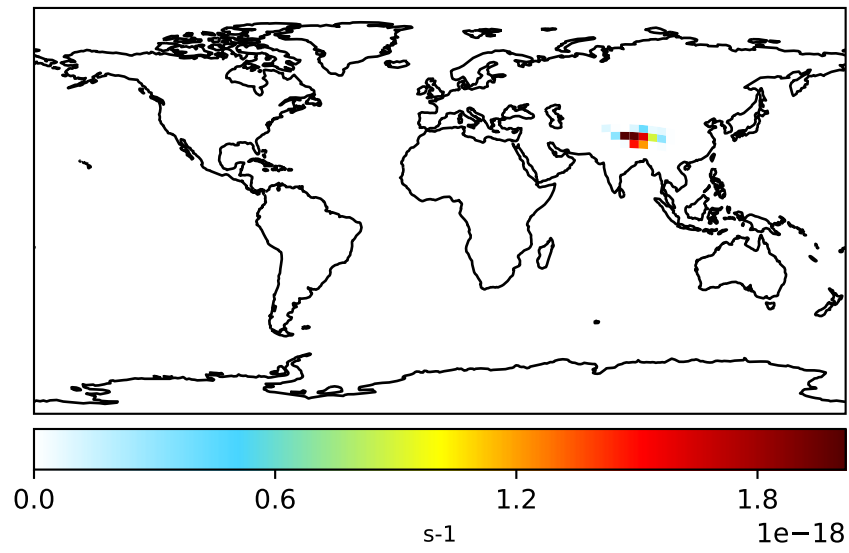


Ratio  
Dev/Ref, Fixed Range

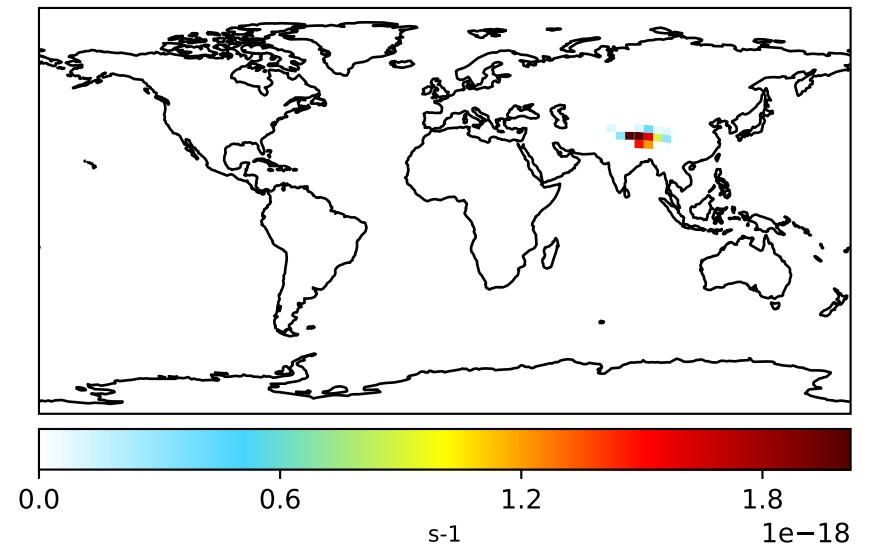


# Jval\_CFC113

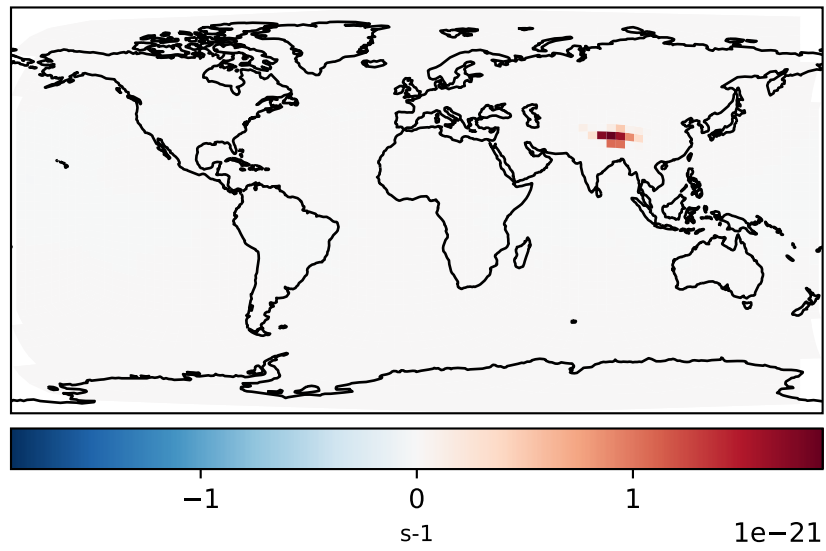
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



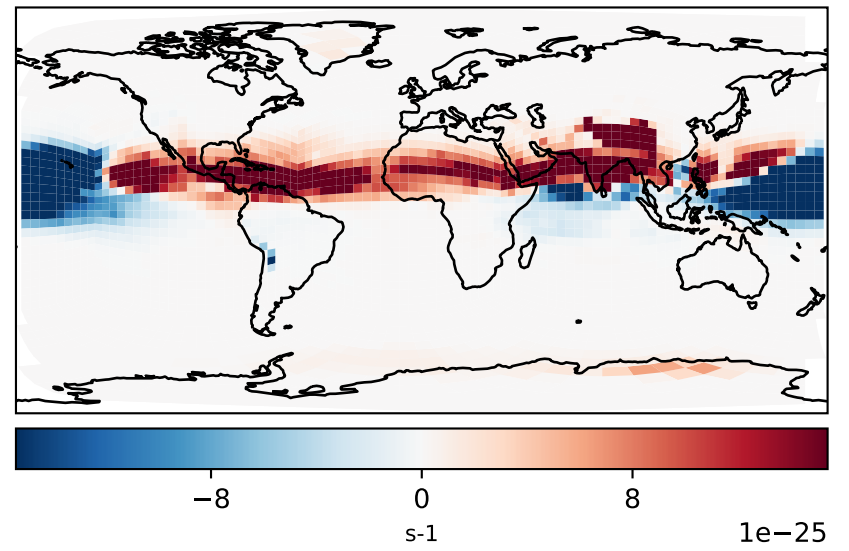
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



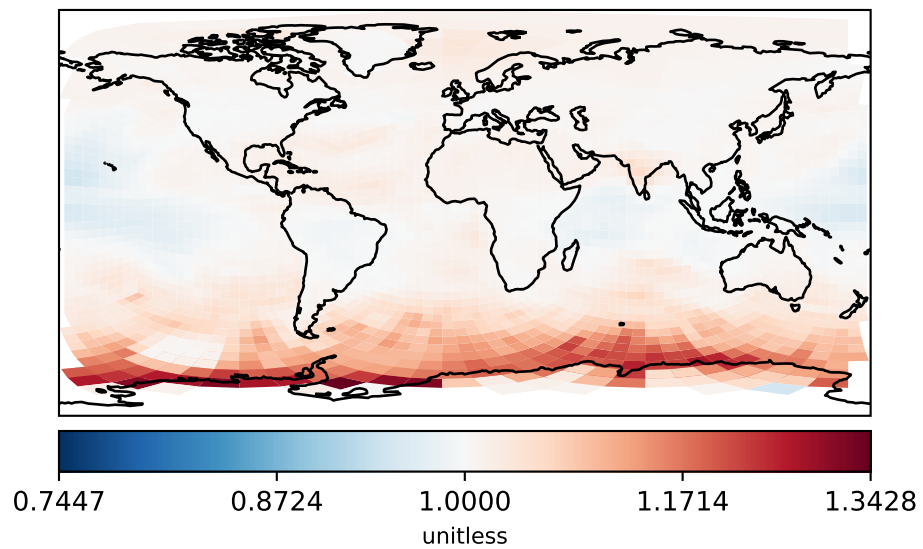
Difference  
Dev - Ref, Dynamic Range



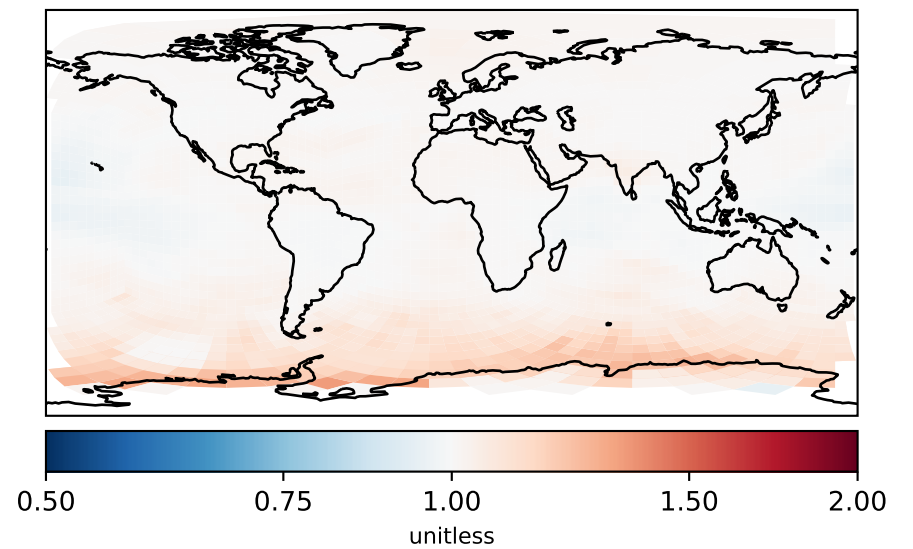
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



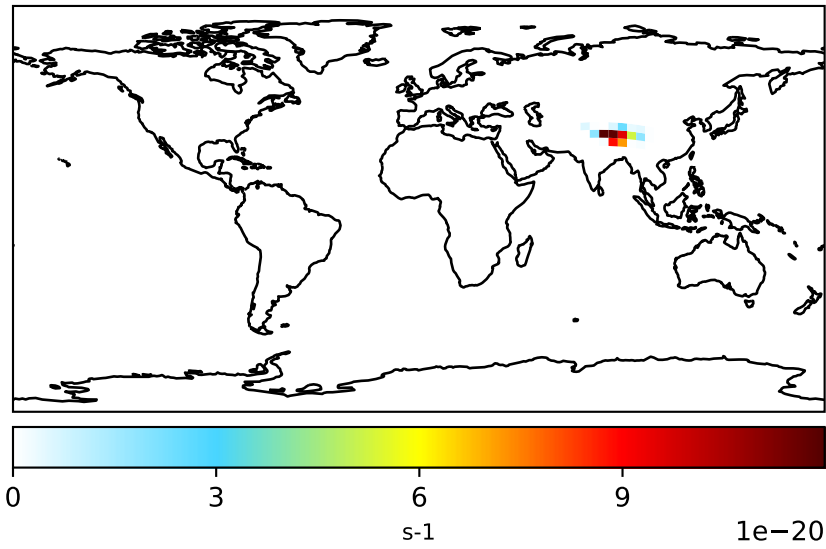
Ratio  
Dev/Ref, Fixed Range



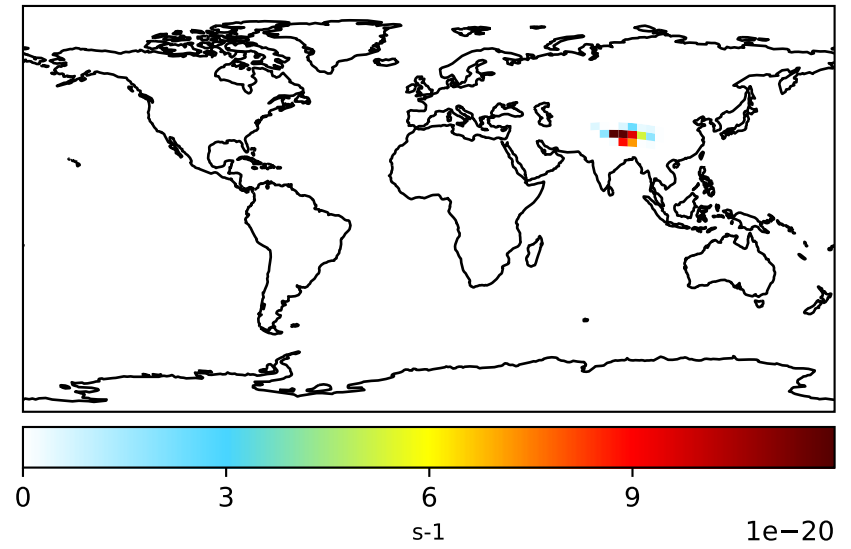


# Jval\_CFC114

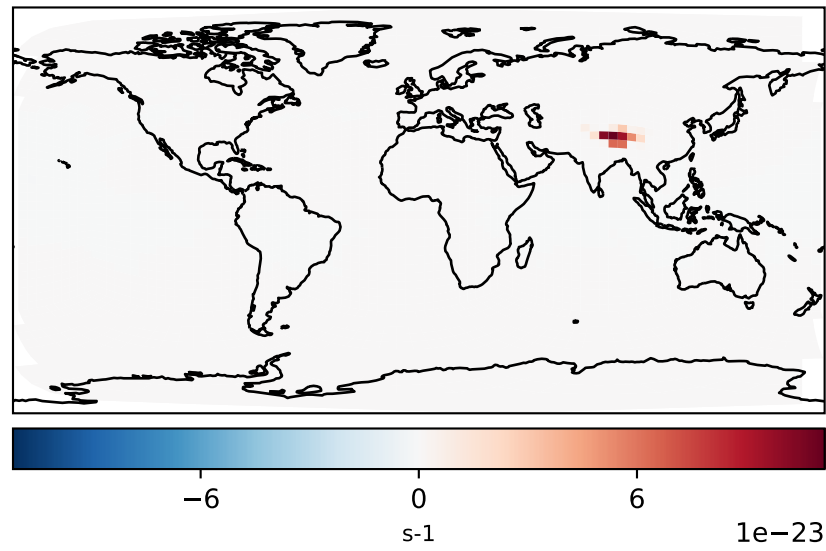
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



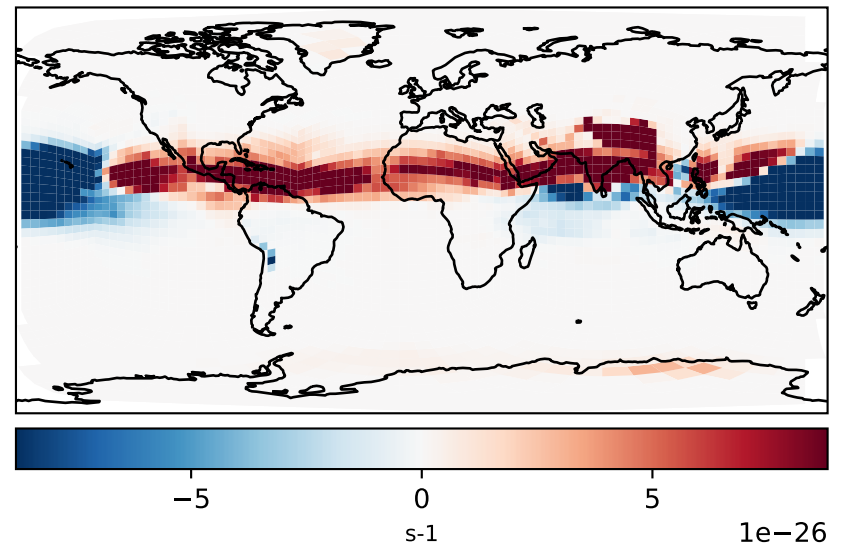
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



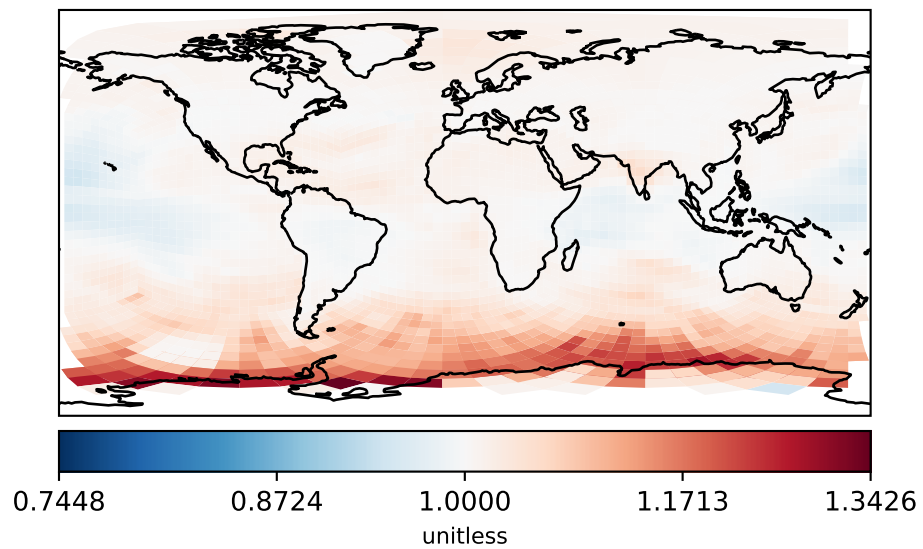
Difference  
Dev - Ref, Dynamic Range



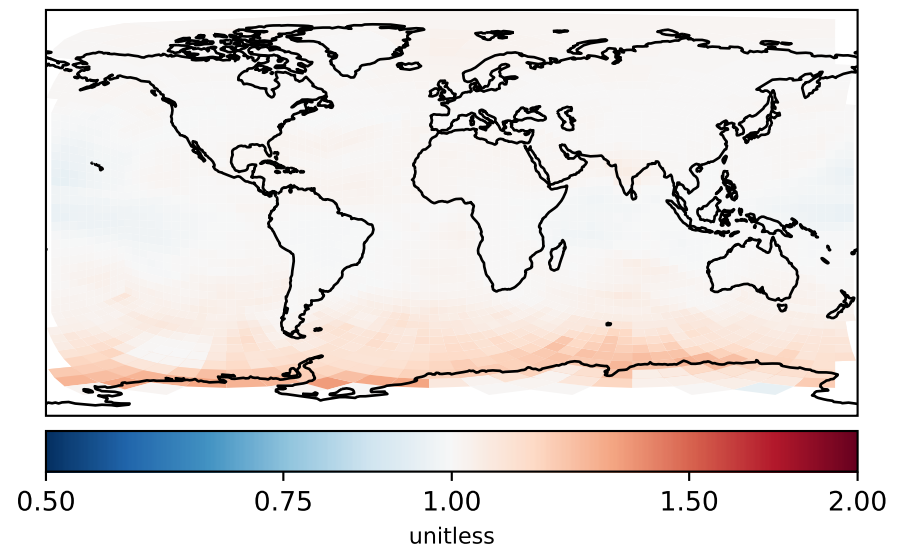
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

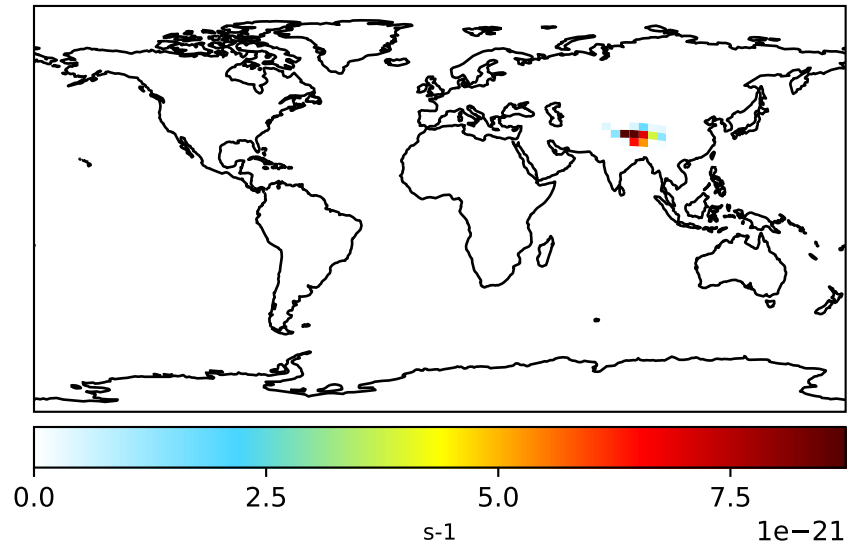


Ratio  
Dev/Ref, Fixed Range

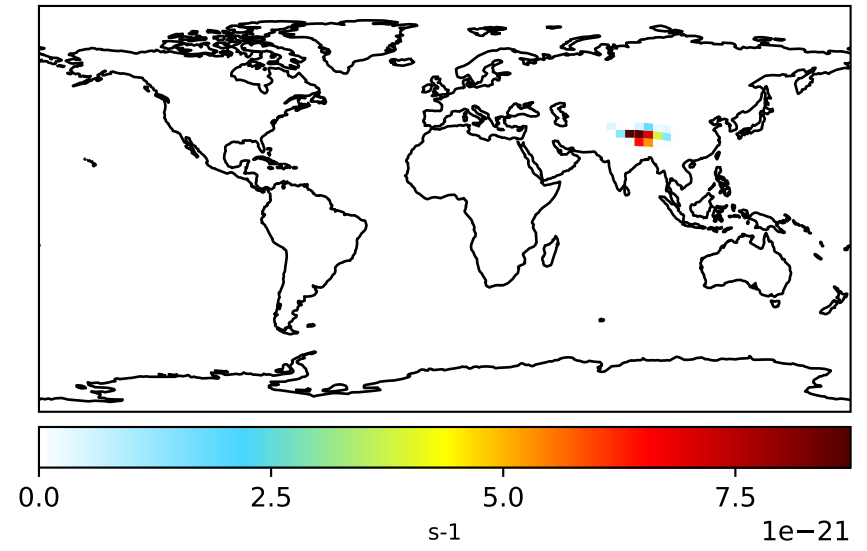


# Jval\_CFC115

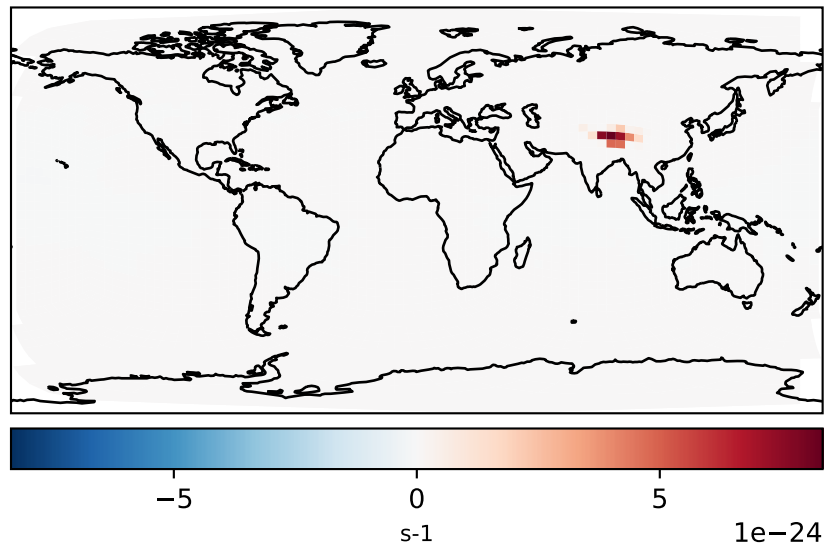
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



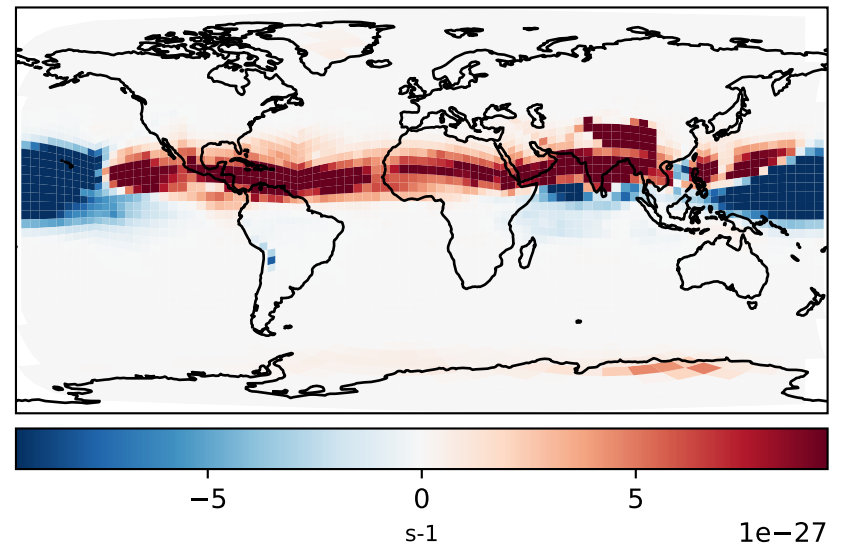
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



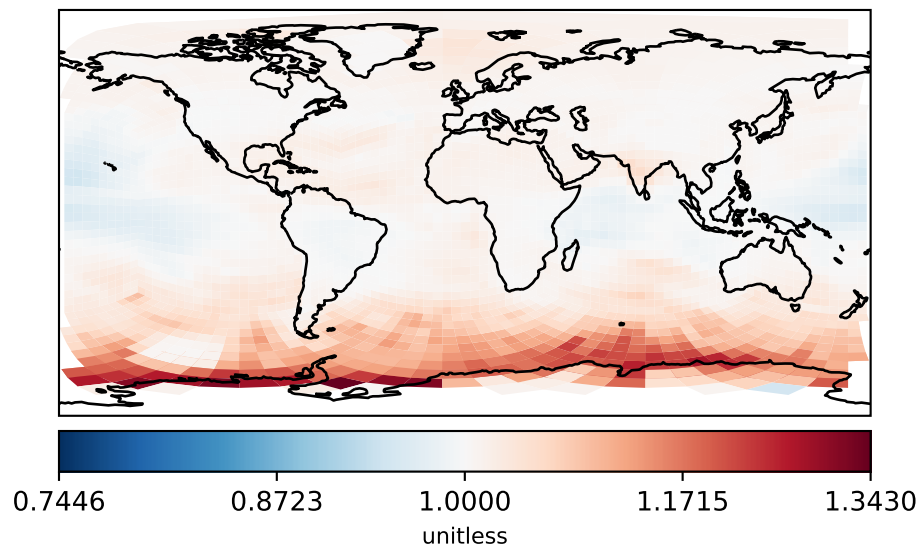
Difference  
Dev - Ref, Dynamic Range



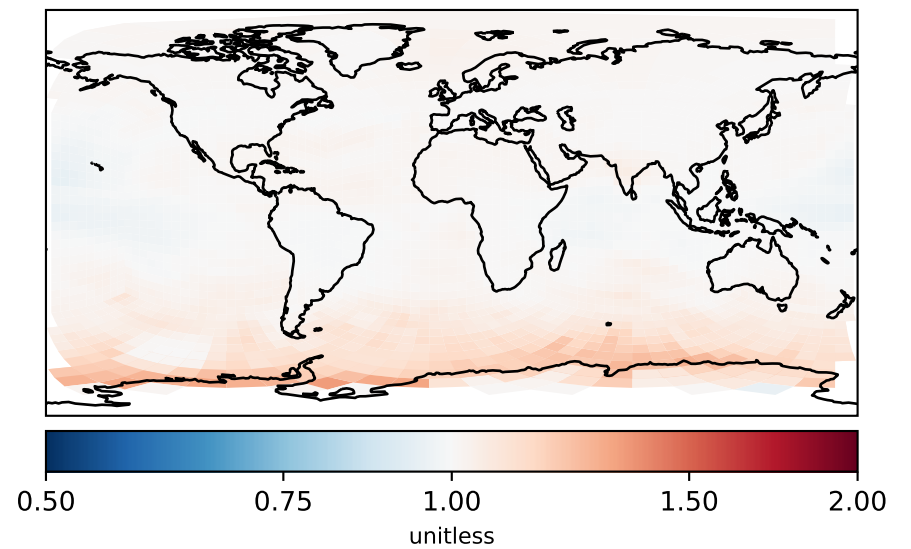
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

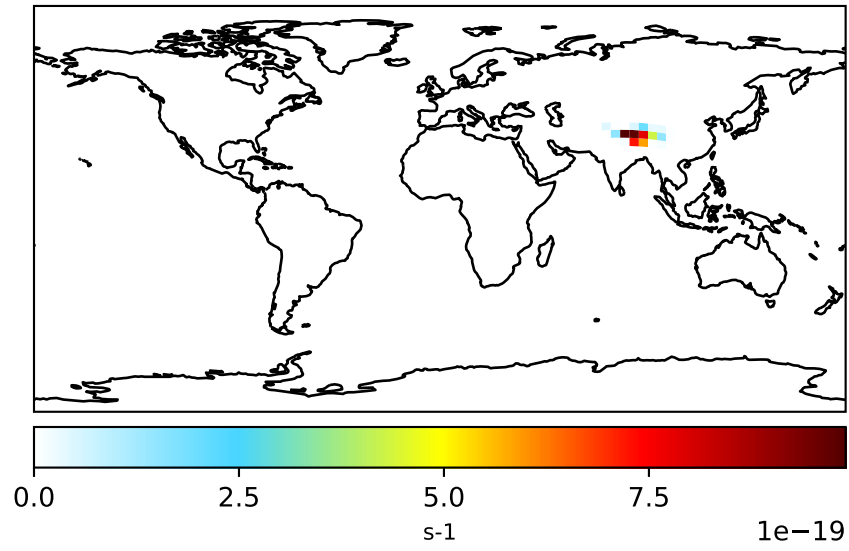


Ratio  
Dev/Ref, Fixed Range

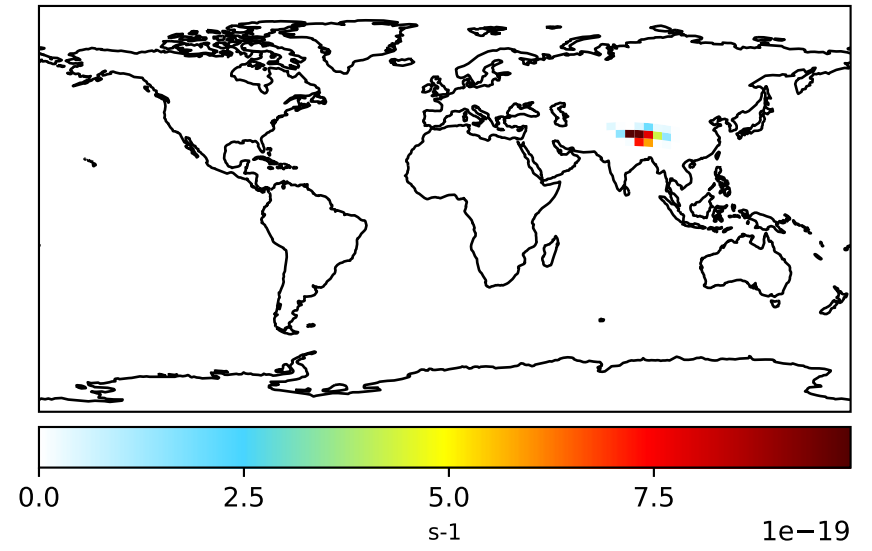


# Jval\_CFC12

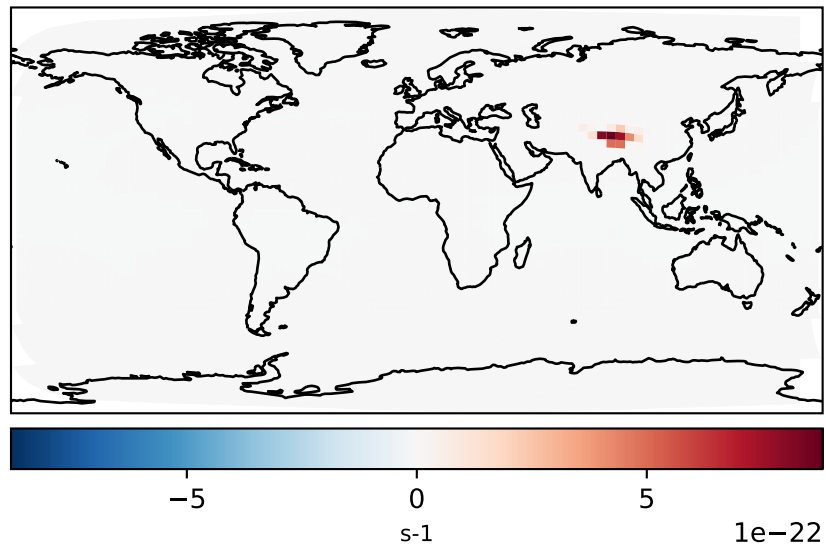
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



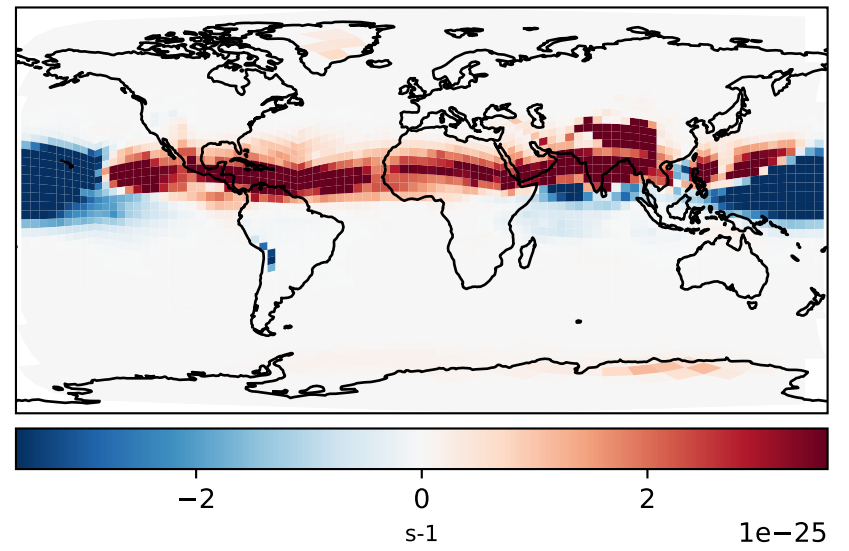
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



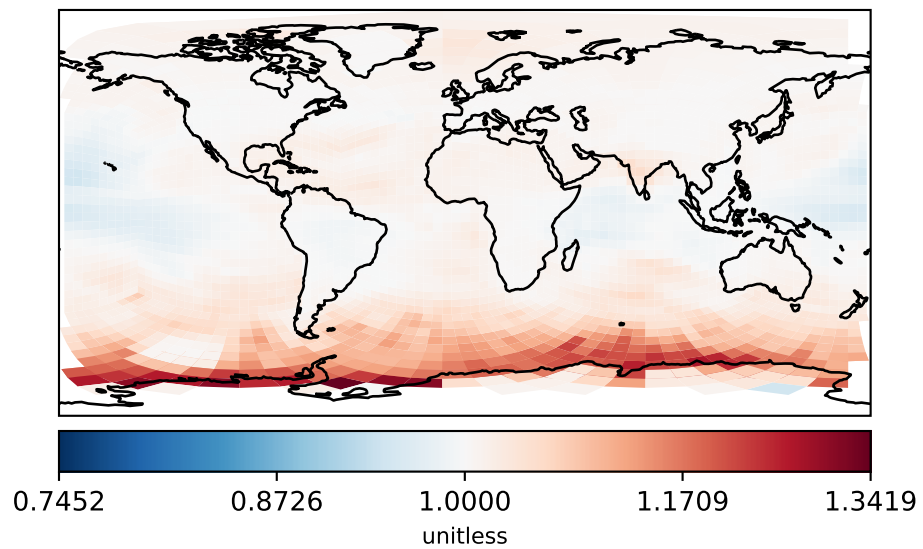
Difference  
Dev - Ref, Dynamic Range



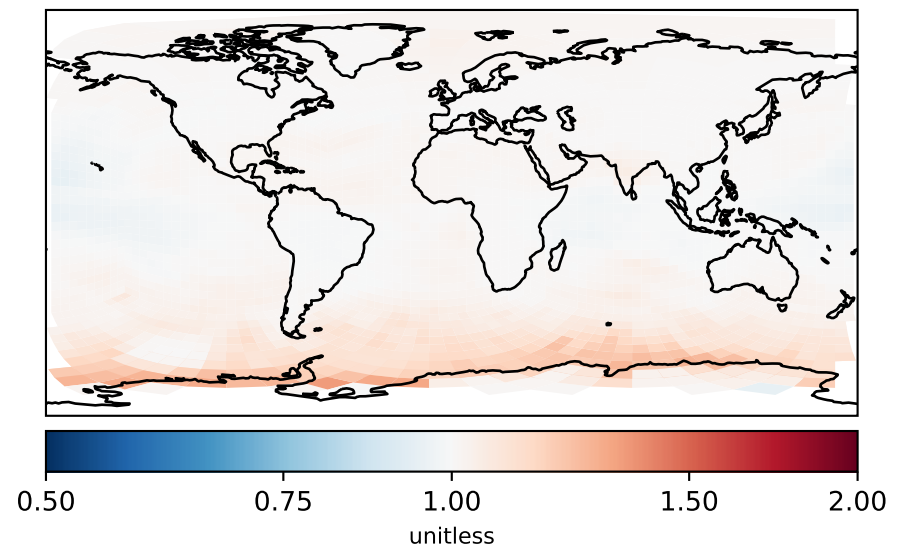
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

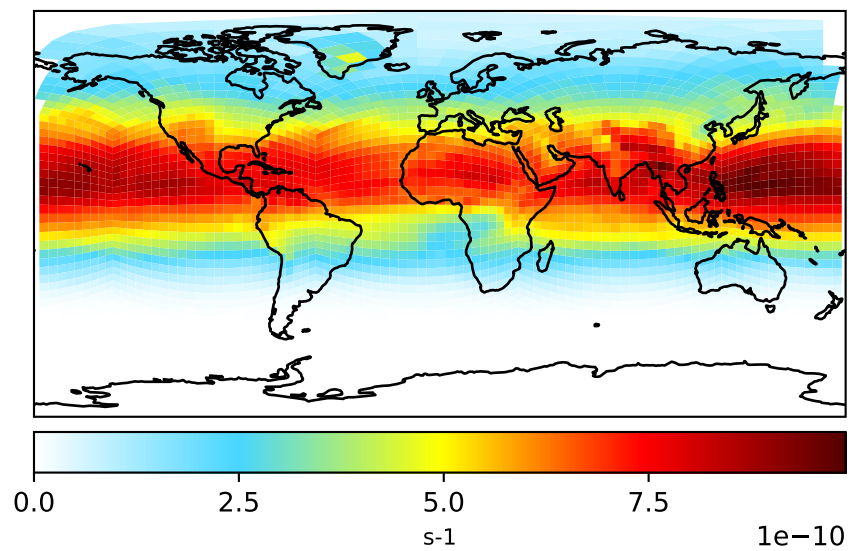


Ratio  
Dev/Ref, Fixed Range

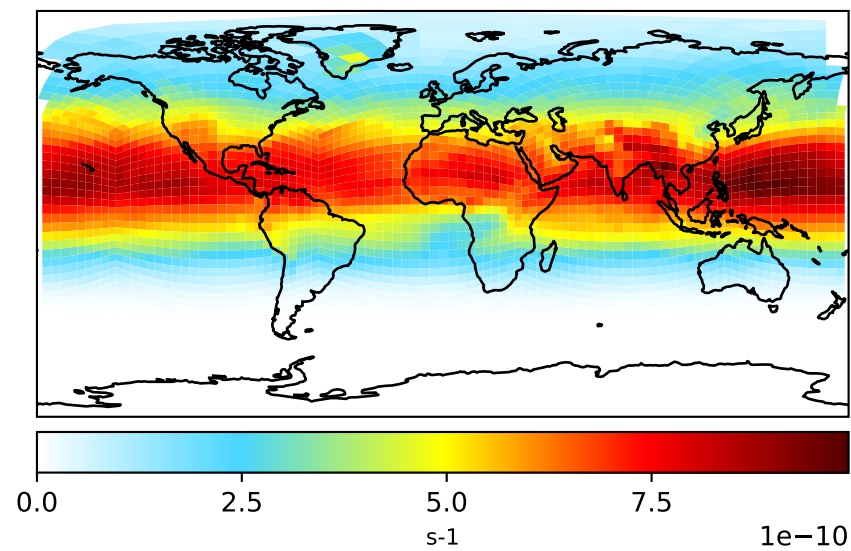


# Jval\_CH2Br2

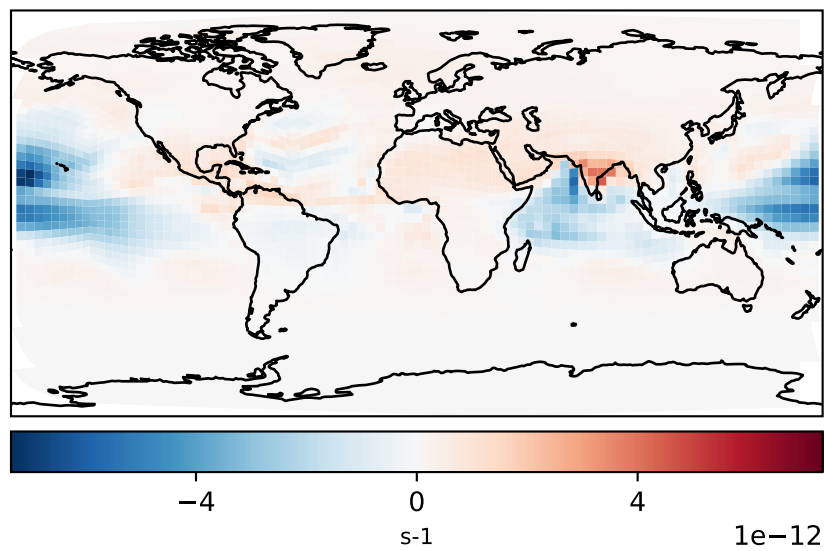
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



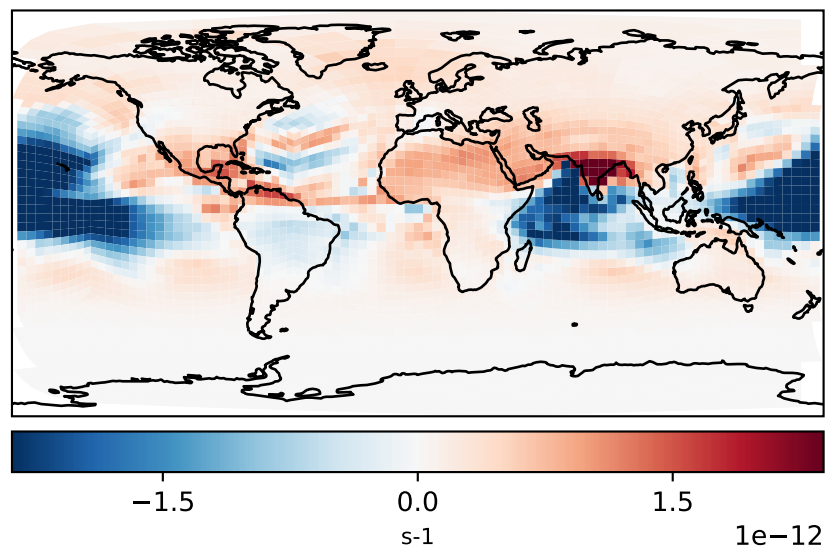
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



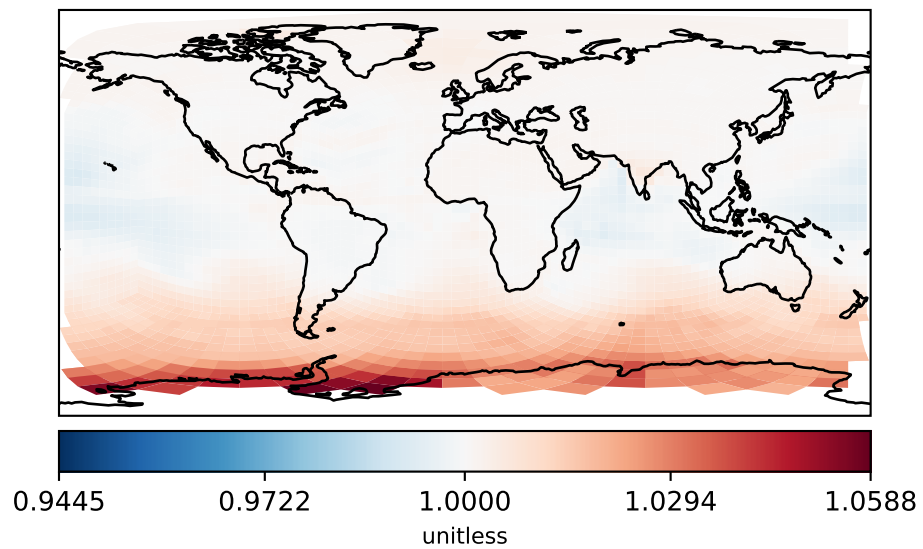
Difference  
Dev - Ref, Dynamic Range



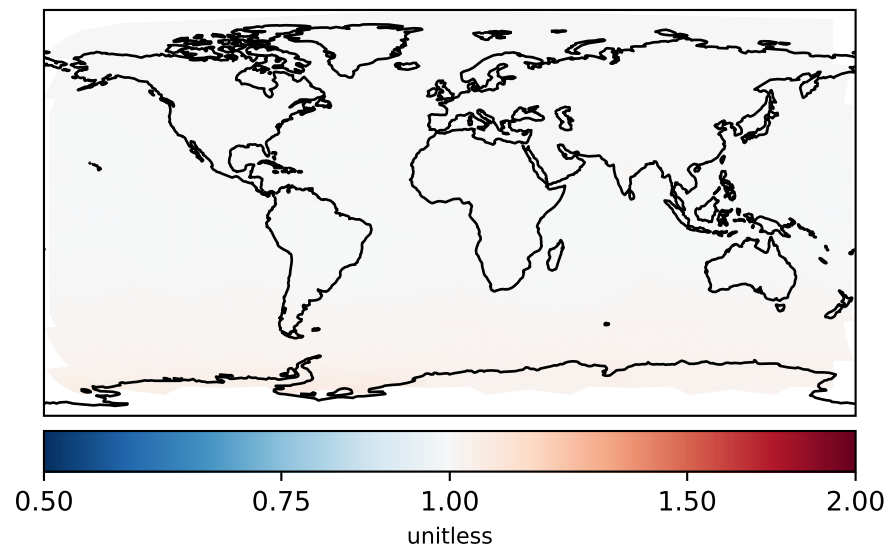
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

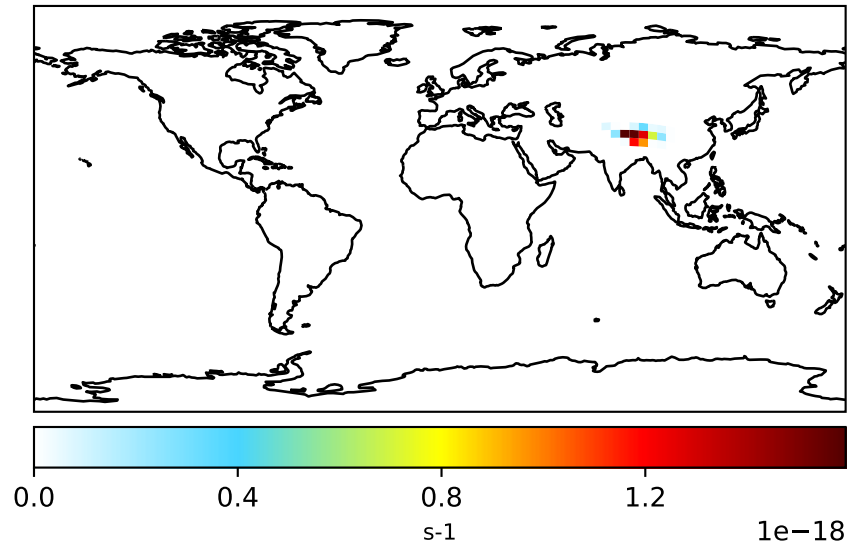


Ratio  
Dev/Ref, Fixed Range

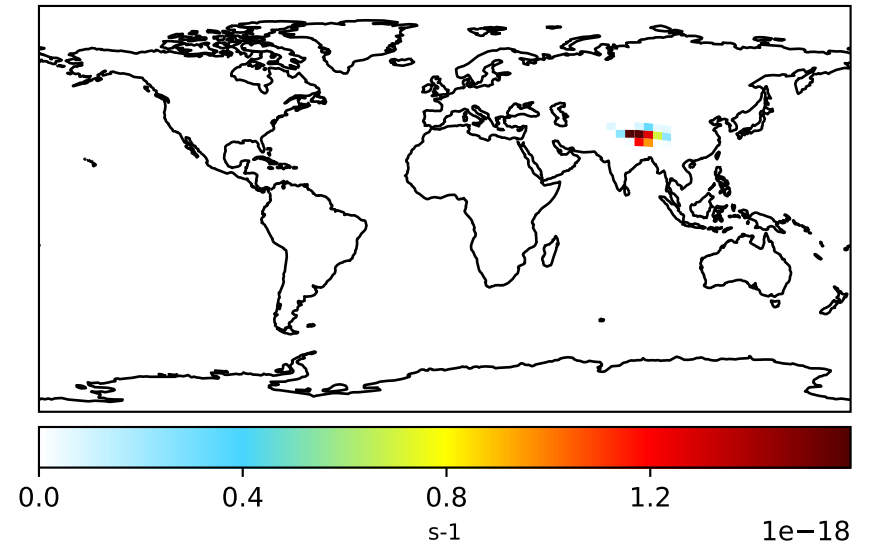


# Jval\_CH2Cl2

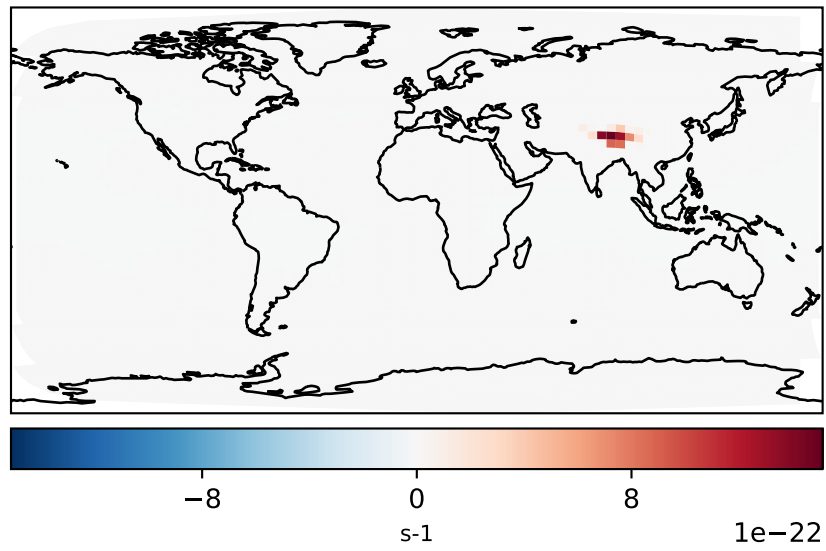
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



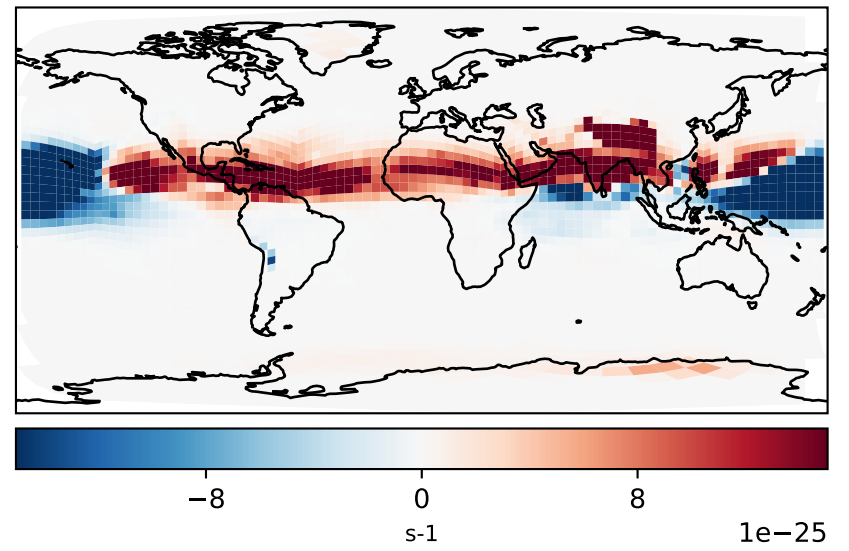
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



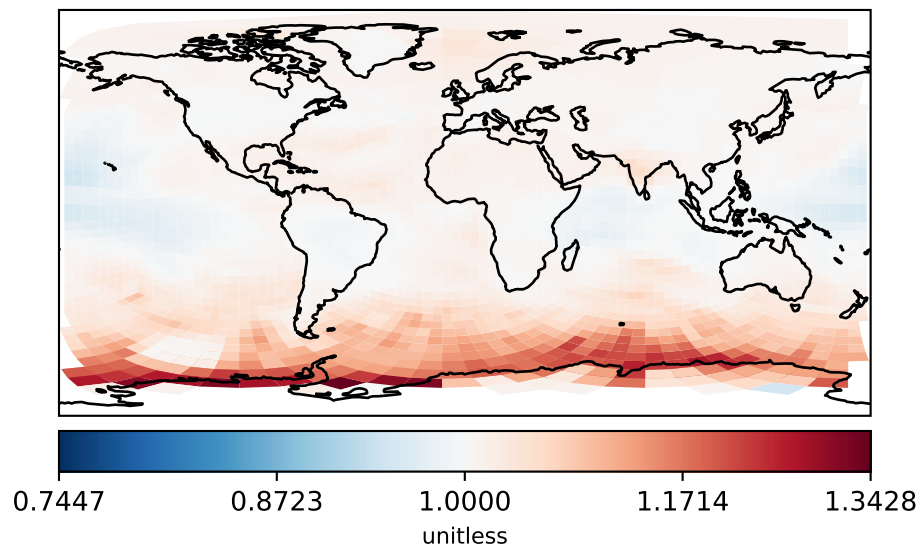
Difference  
Dev - Ref, Dynamic Range



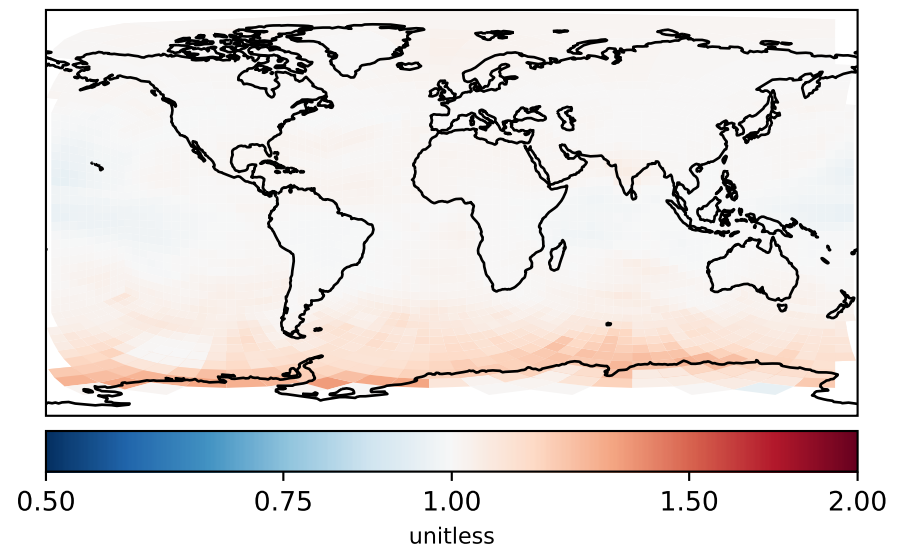
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

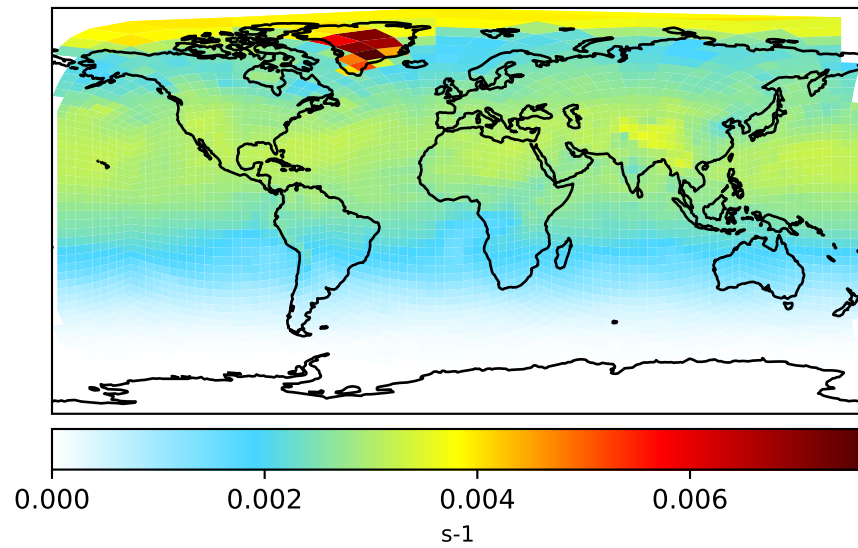


Ratio  
Dev/Ref, Fixed Range

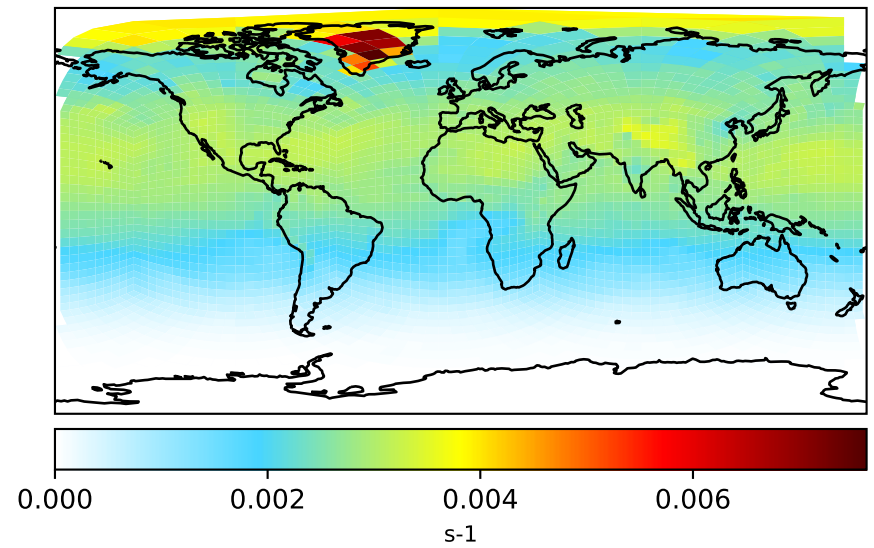


# Jval\_CH2I2

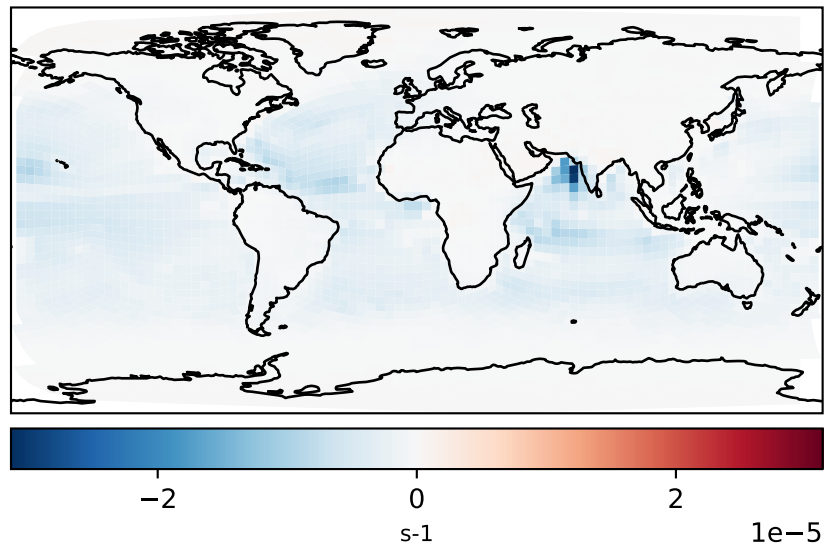
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



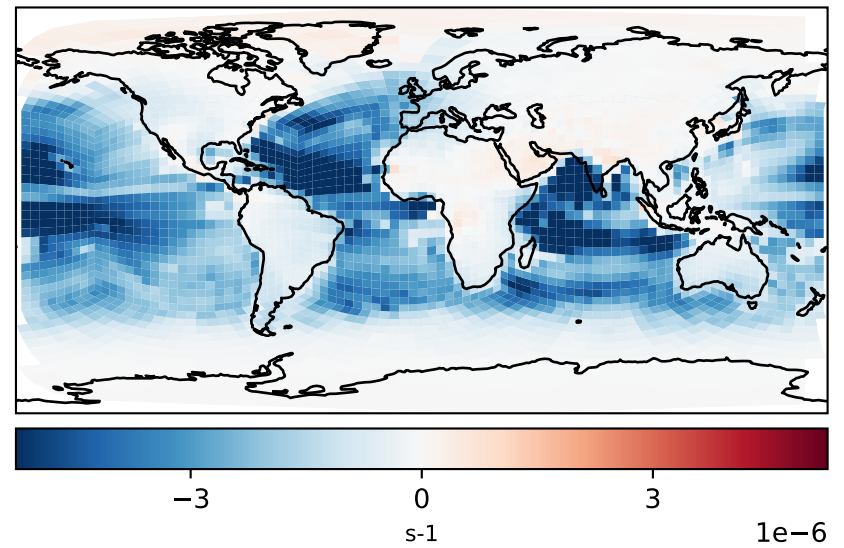
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



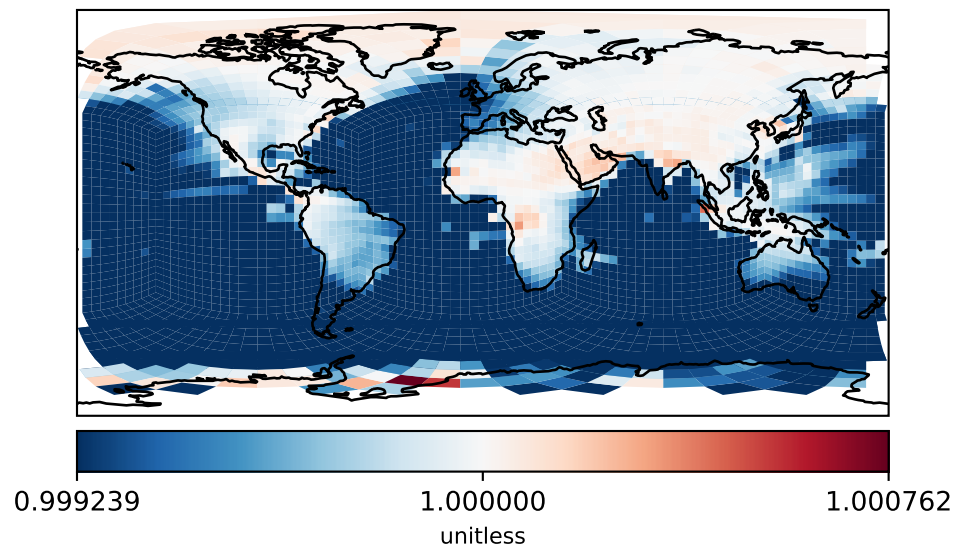
Difference  
Dev - Ref, Dynamic Range



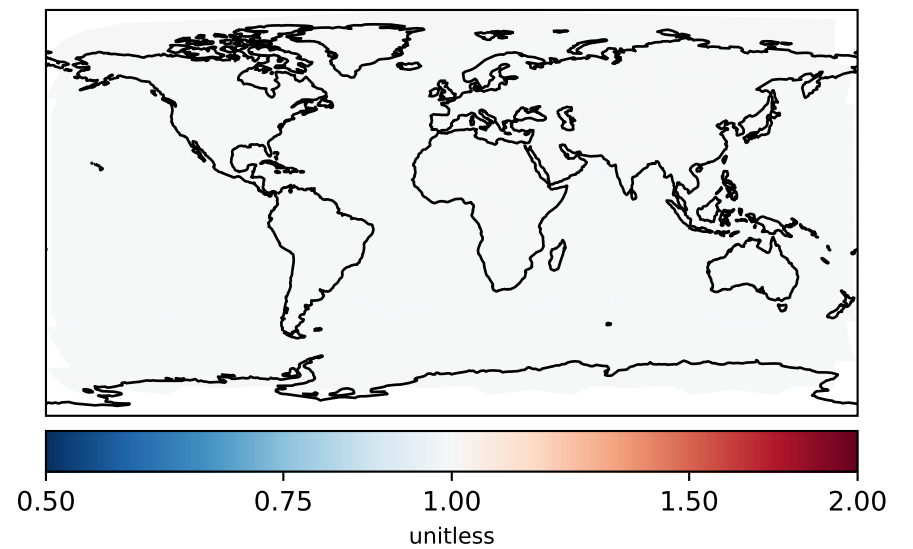
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

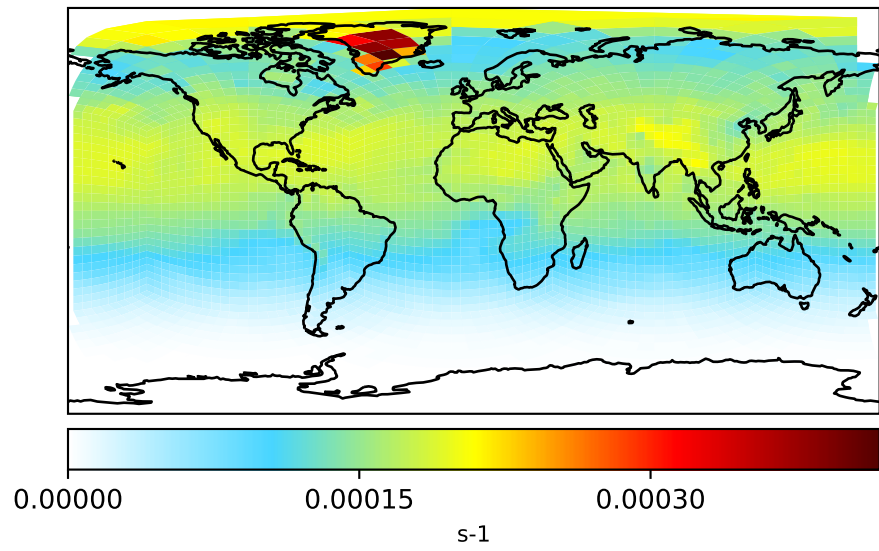


Ratio  
Dev/Ref, Fixed Range

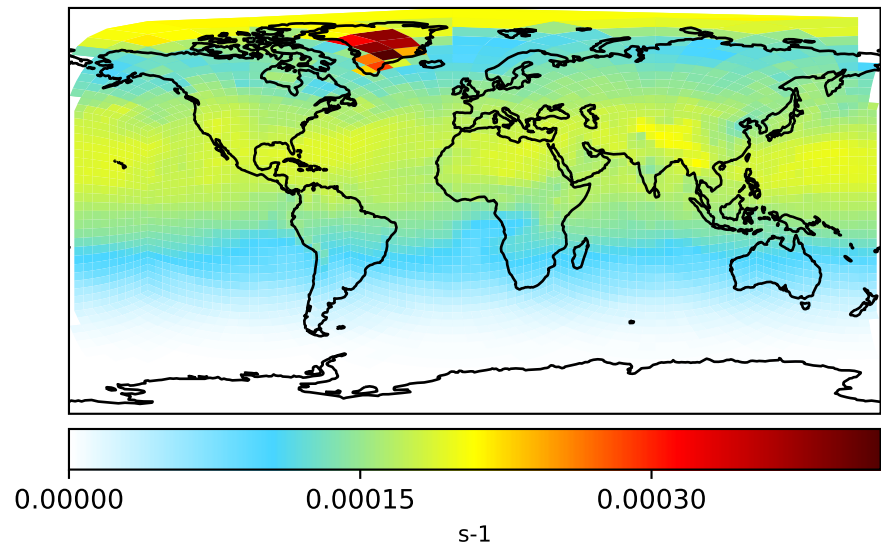


# Jval\_CH2IBr

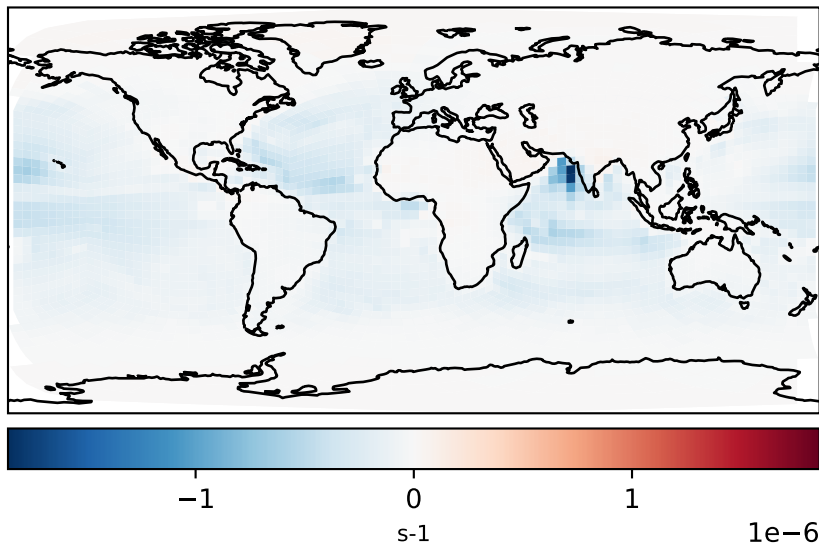
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



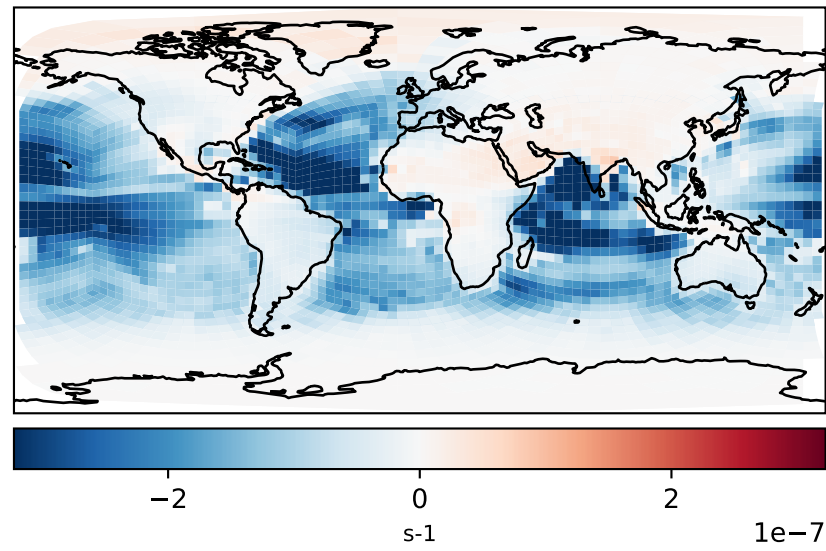
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



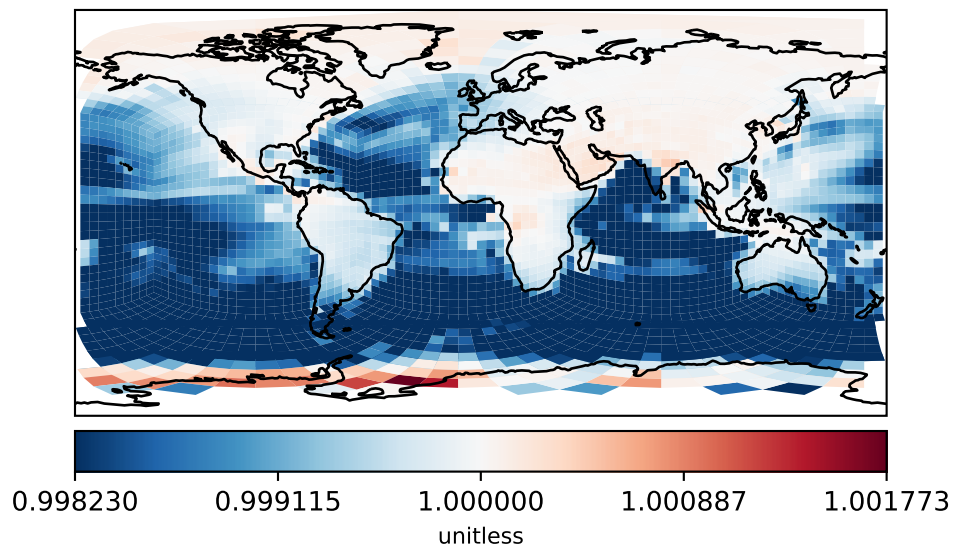
Difference  
Dev - Ref, Dynamic Range



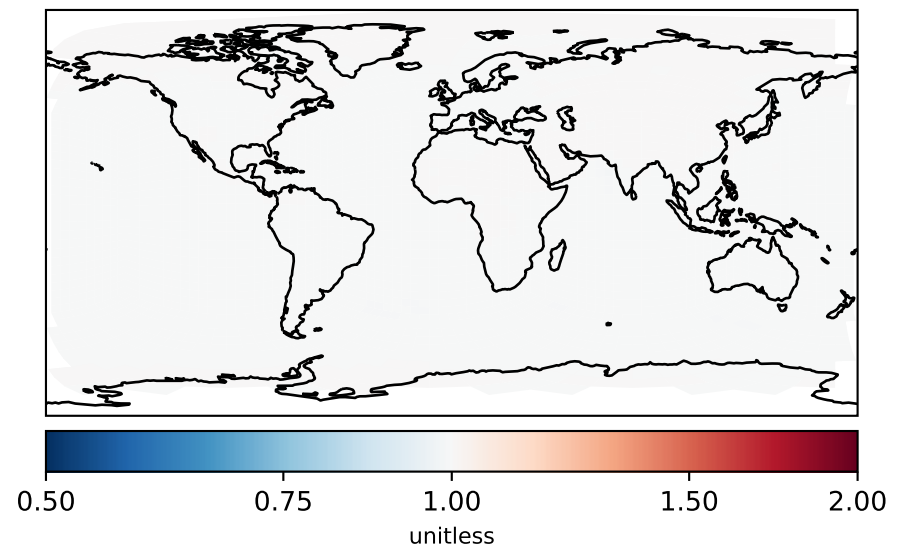
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

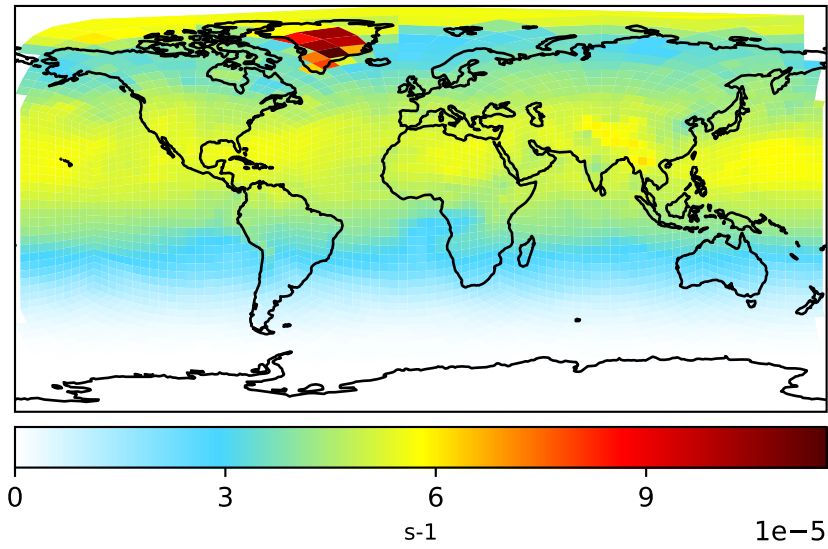


Ratio  
Dev/Ref, Fixed Range

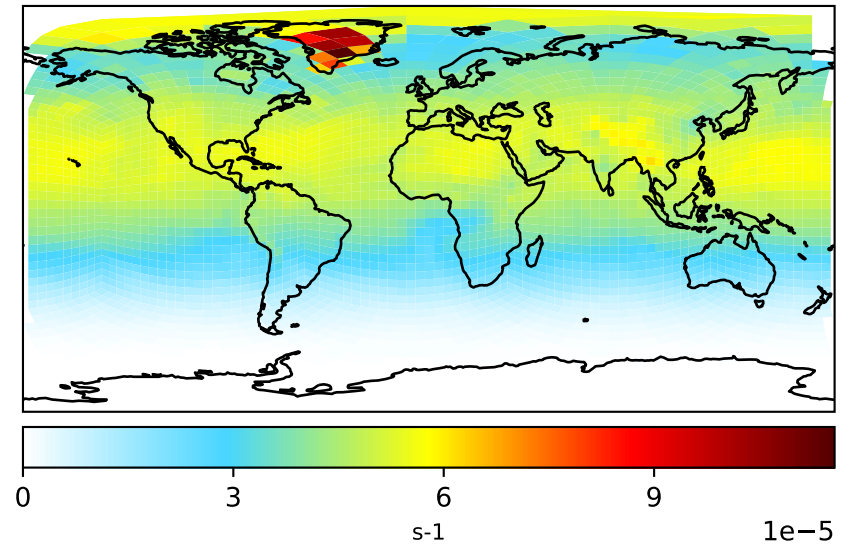


# Jval\_CH2ICI

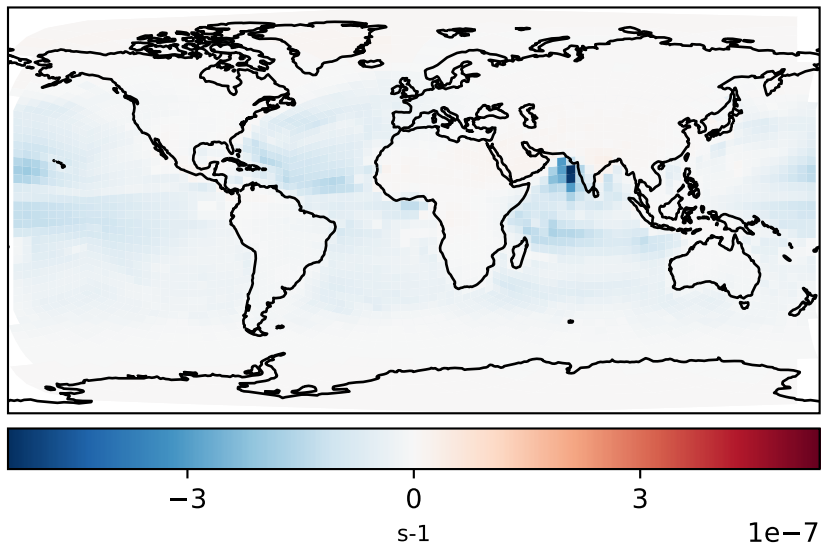
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



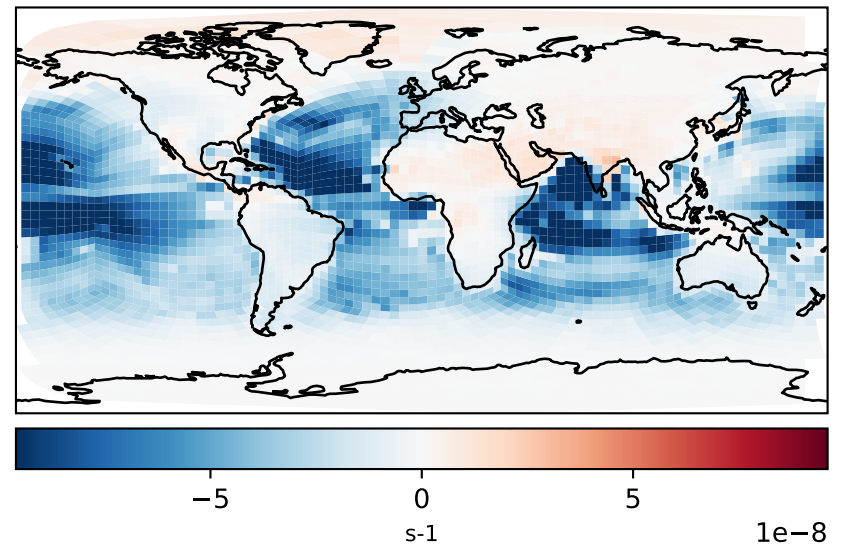
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



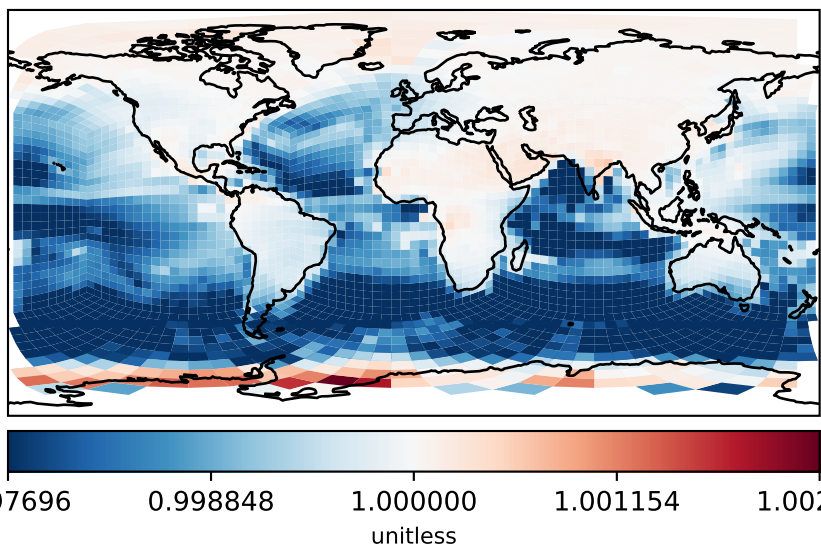
Difference  
Dev - Ref, Dynamic Range



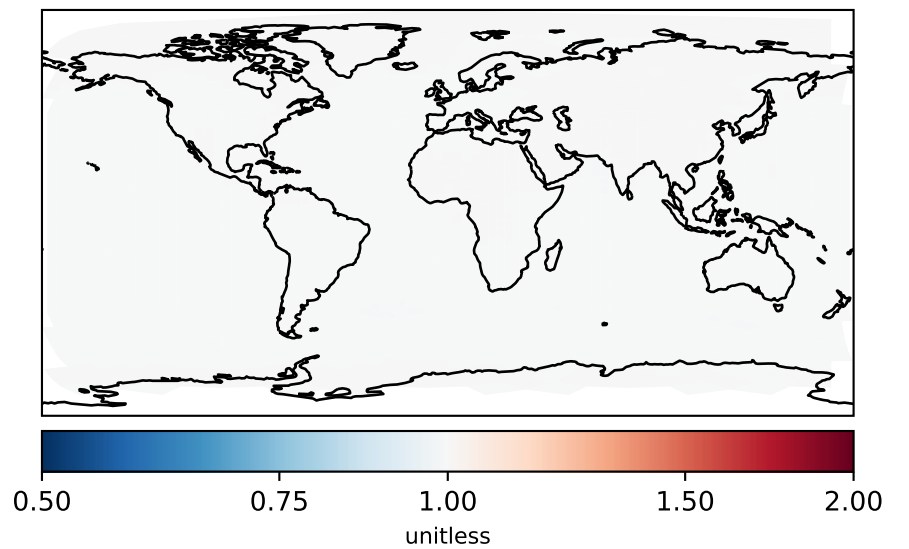
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



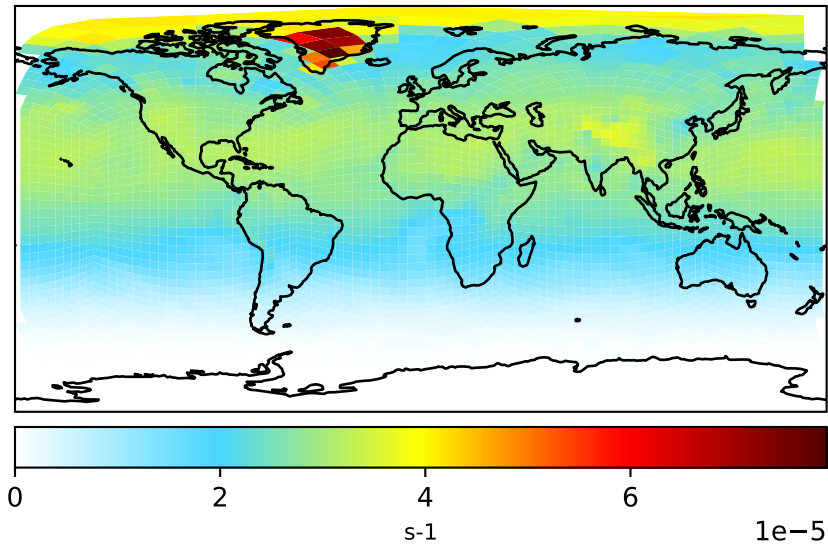
Ratio  
Dev/Ref, Fixed Range



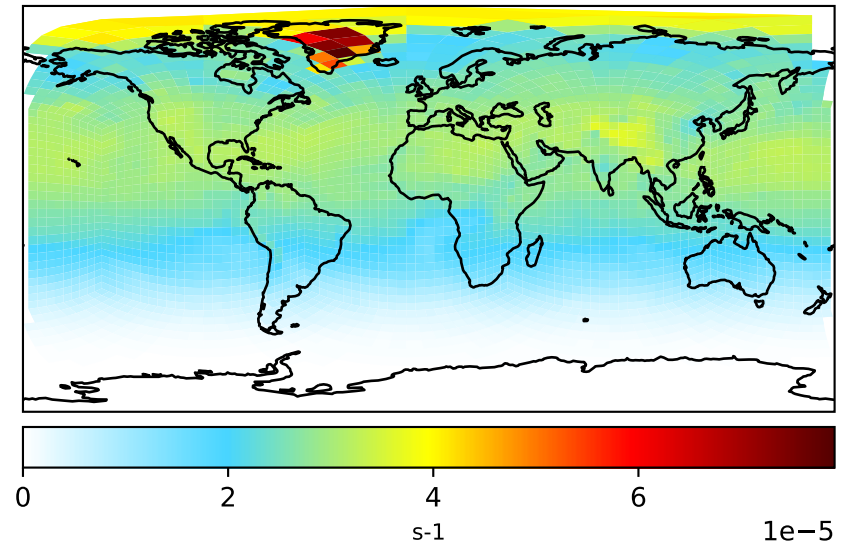


# Jval\_CH20

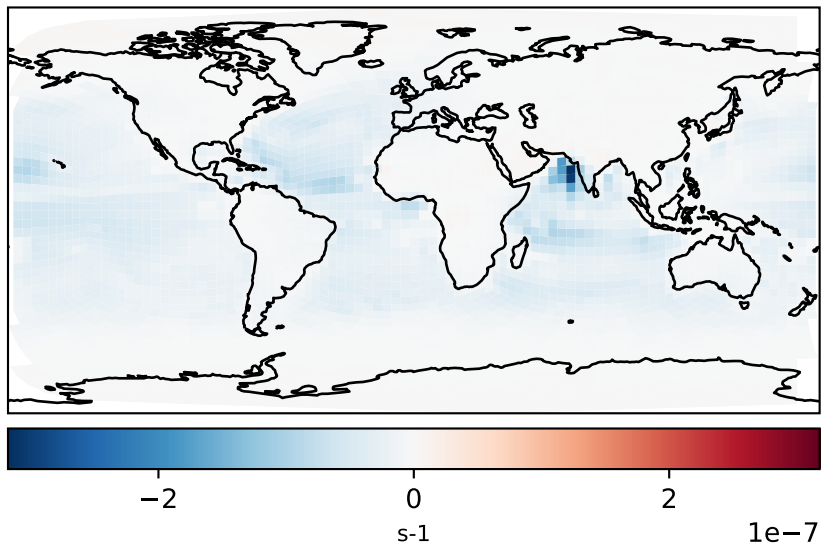
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



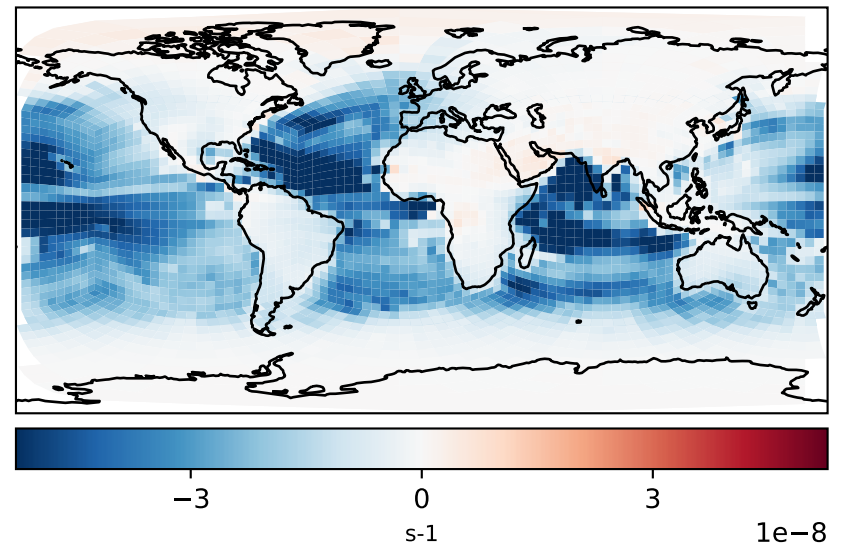
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



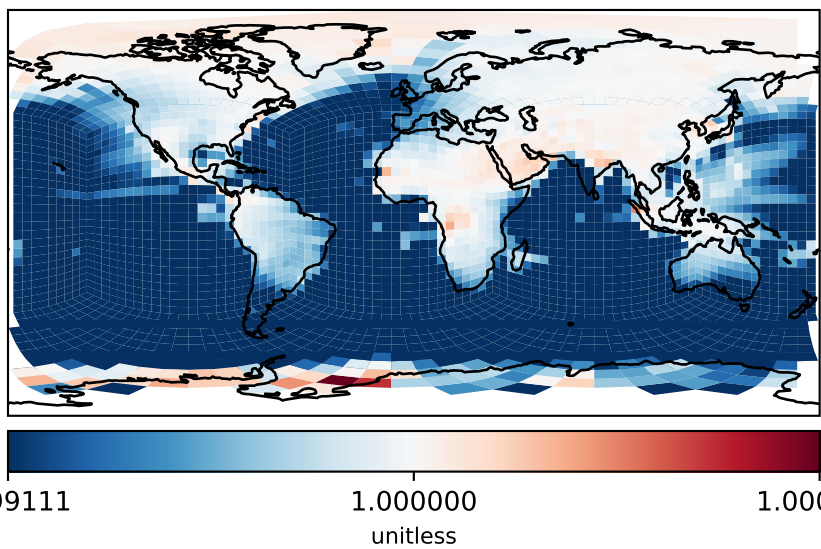
Difference  
Dev - Ref, Dynamic Range



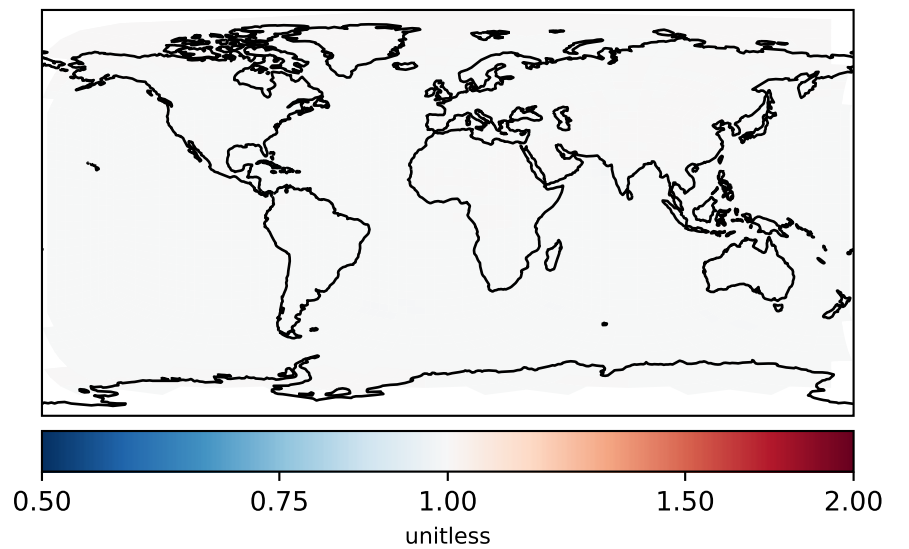
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

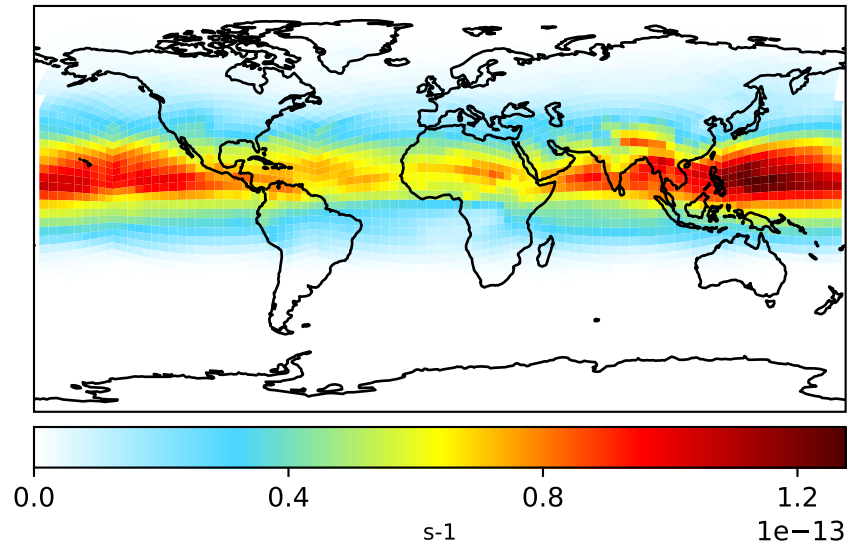


Ratio  
Dev/Ref, Fixed Range

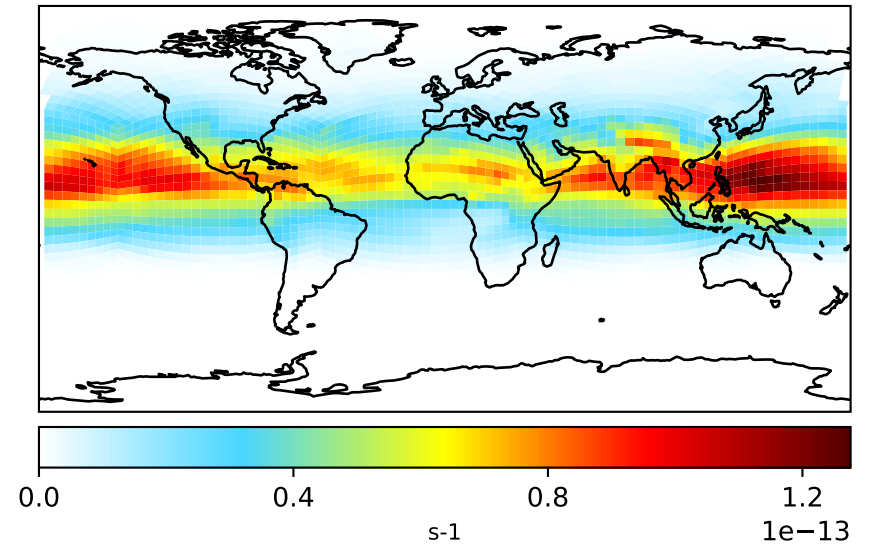


# Jval\_CH3Br

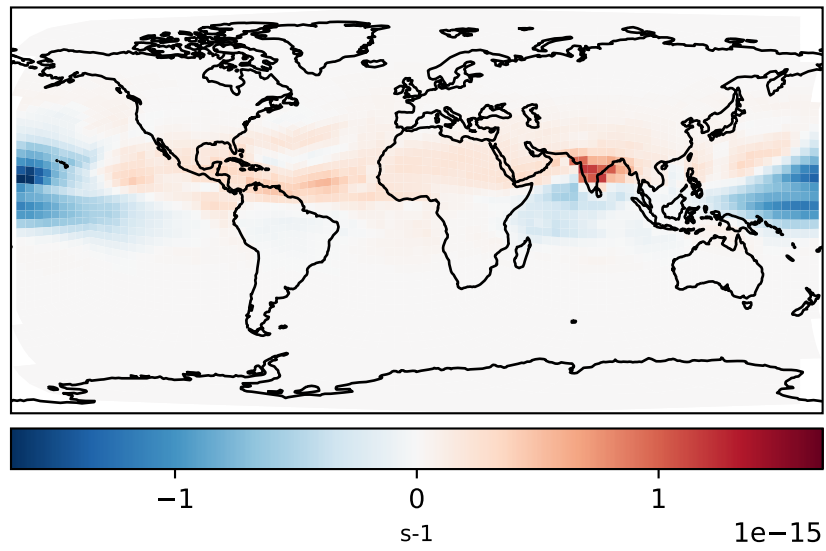
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



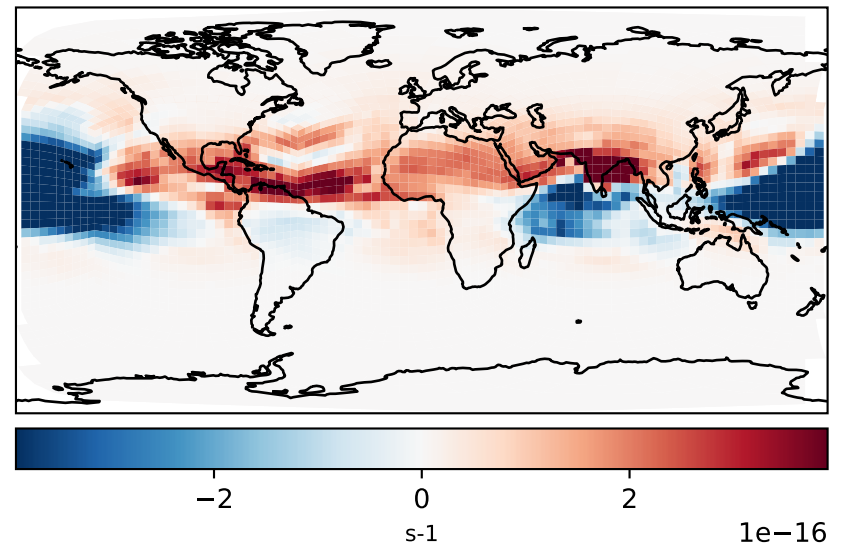
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



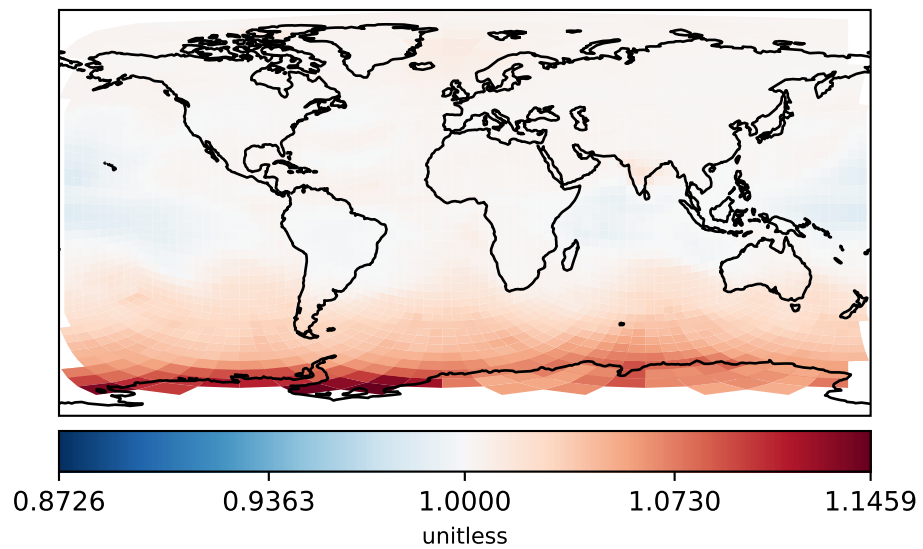
Difference  
Dev - Ref, Dynamic Range



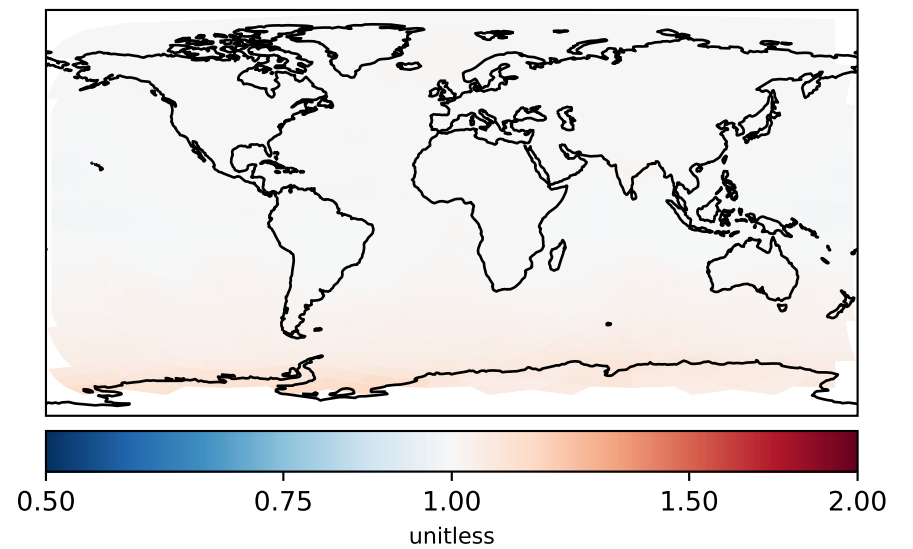
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

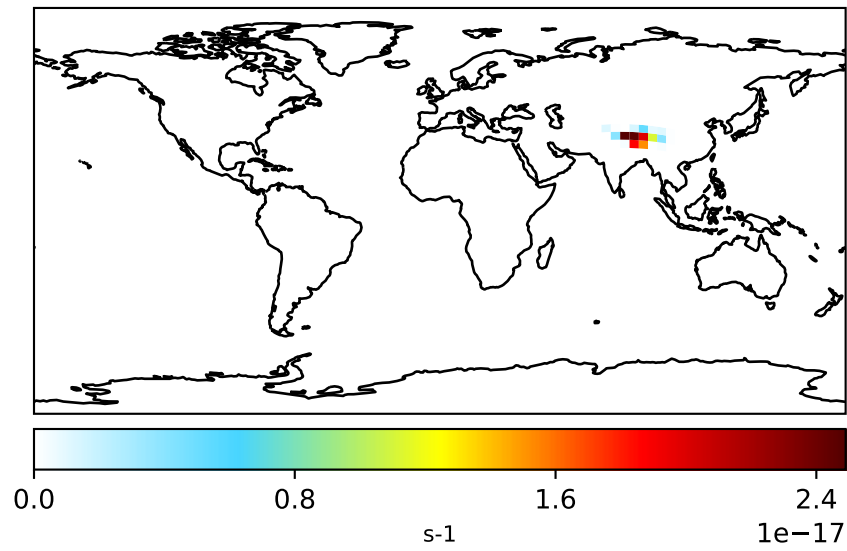


Ratio  
Dev/Ref, Fixed Range

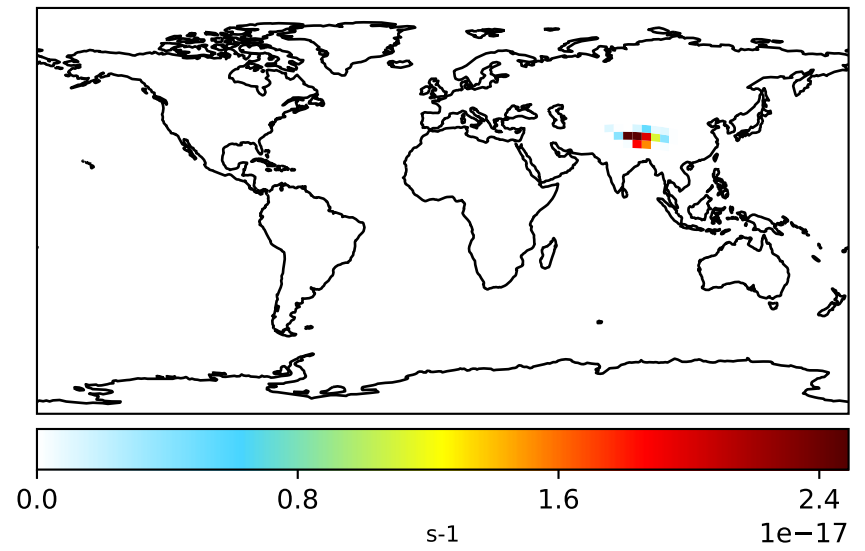


# Jval\_CH3CCI3

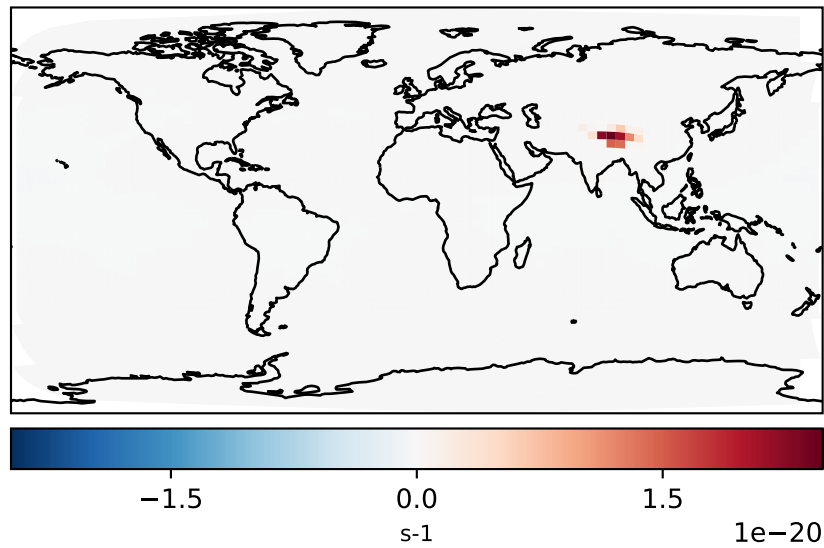
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



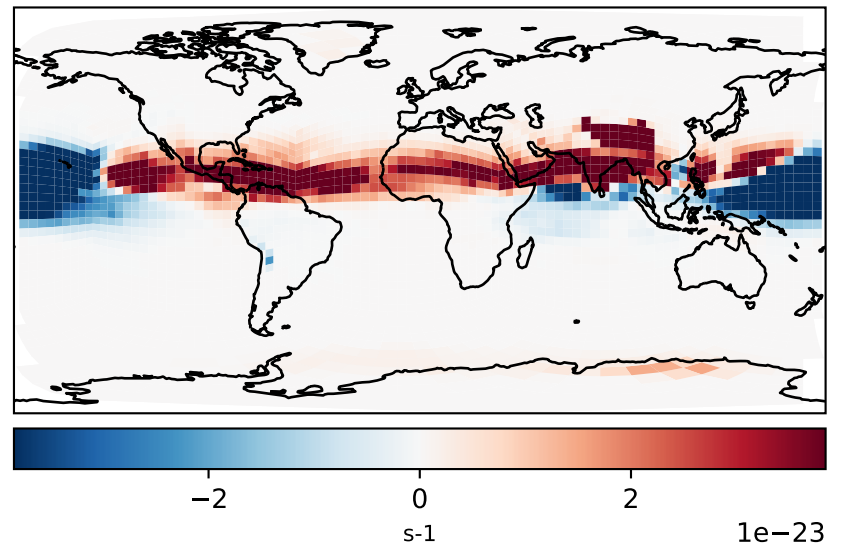
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



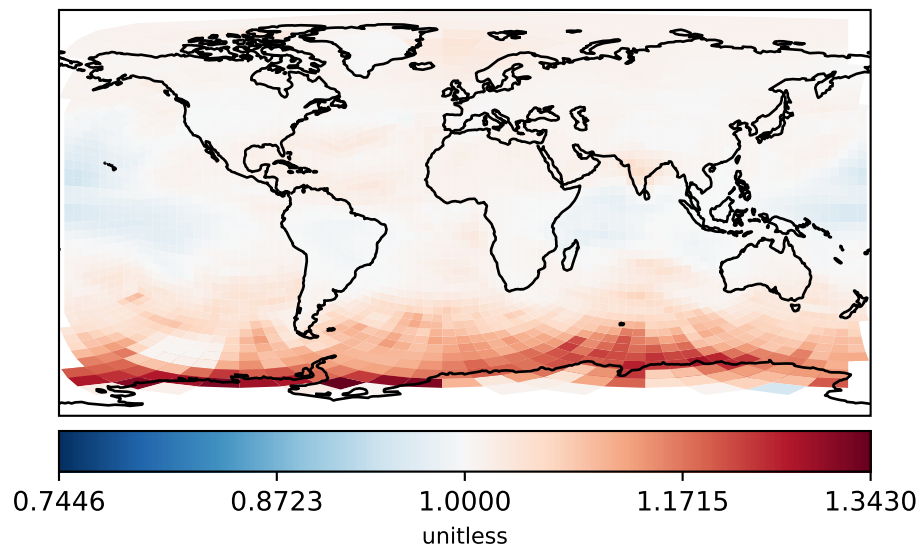
Difference  
Dev - Ref, Dynamic Range



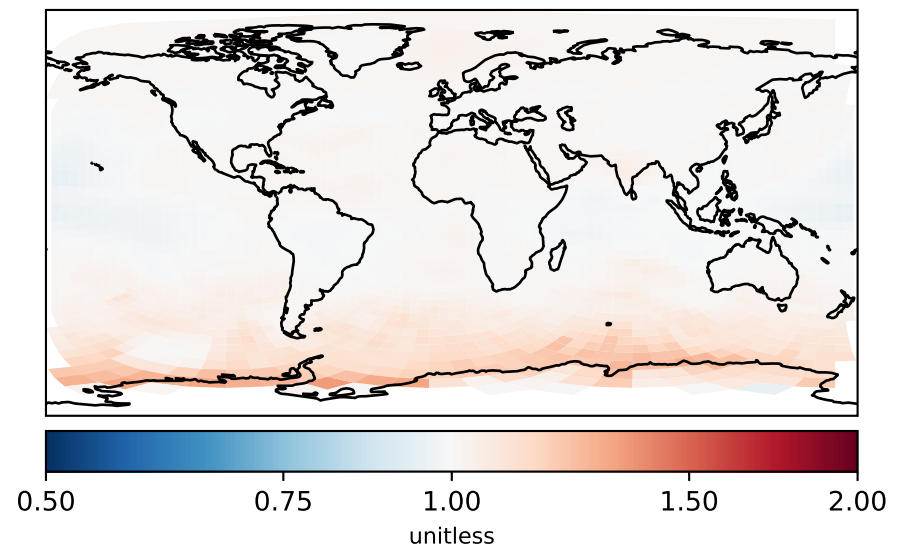
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

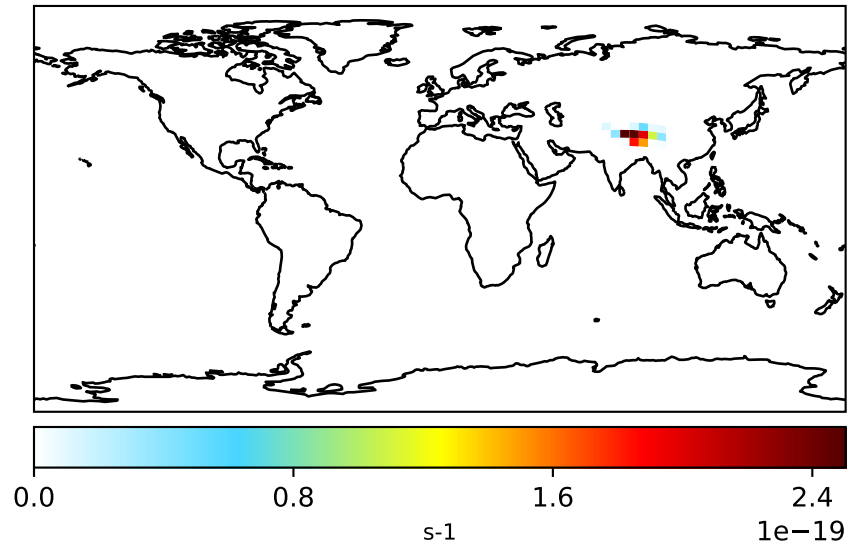


Ratio  
Dev/Ref, Fixed Range

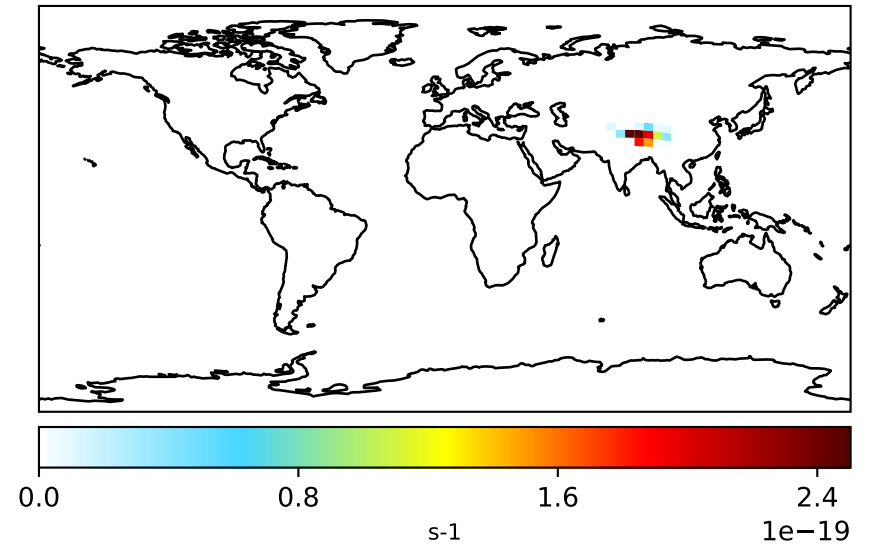


# Jval\_CH3Cl

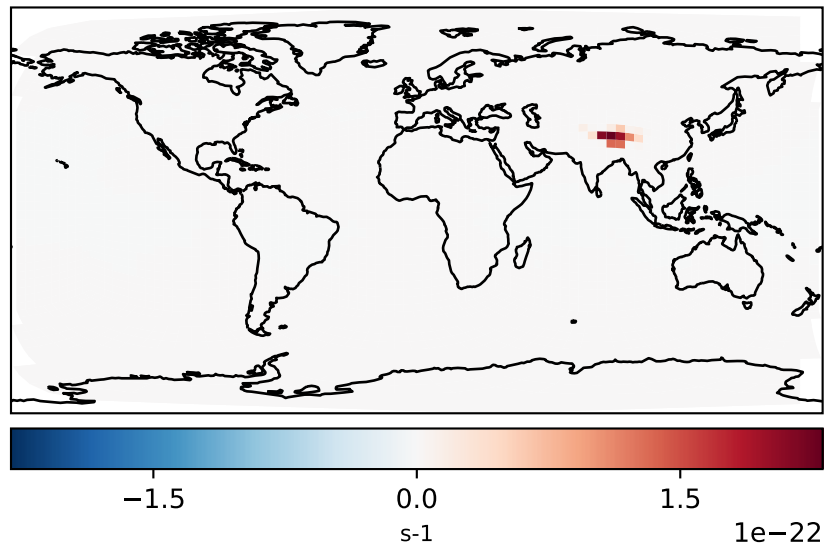
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



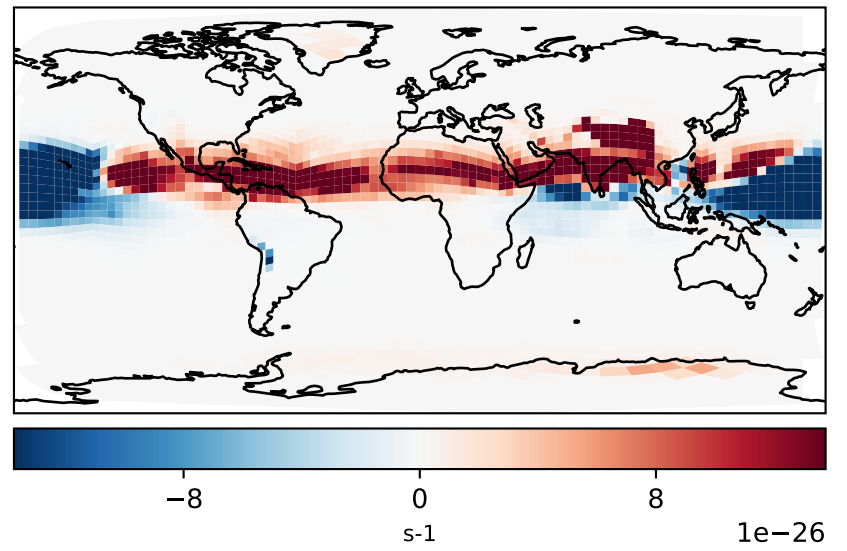
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



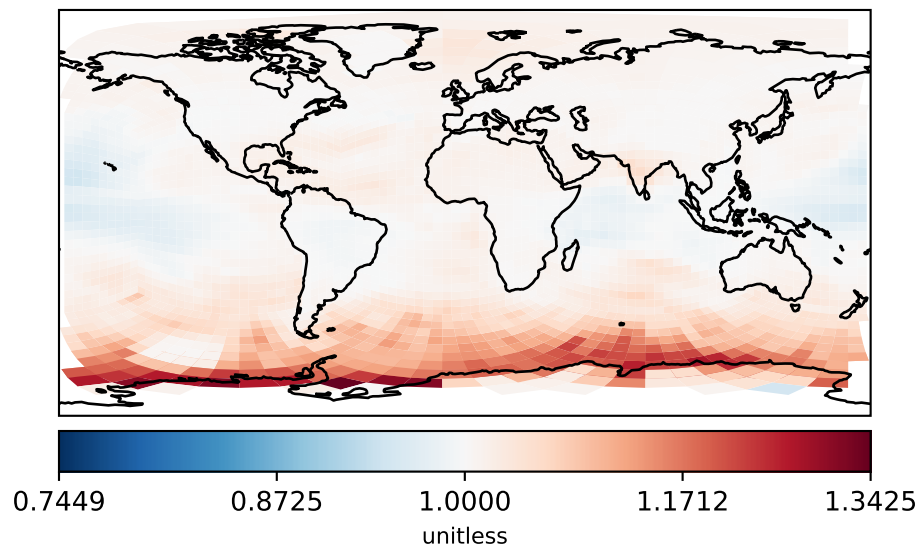
Difference  
Dev - Ref, Dynamic Range



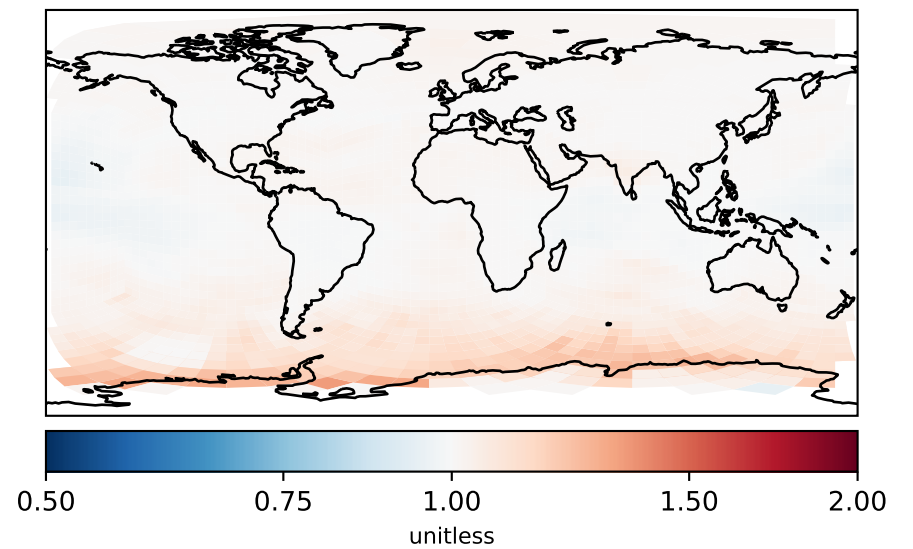
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

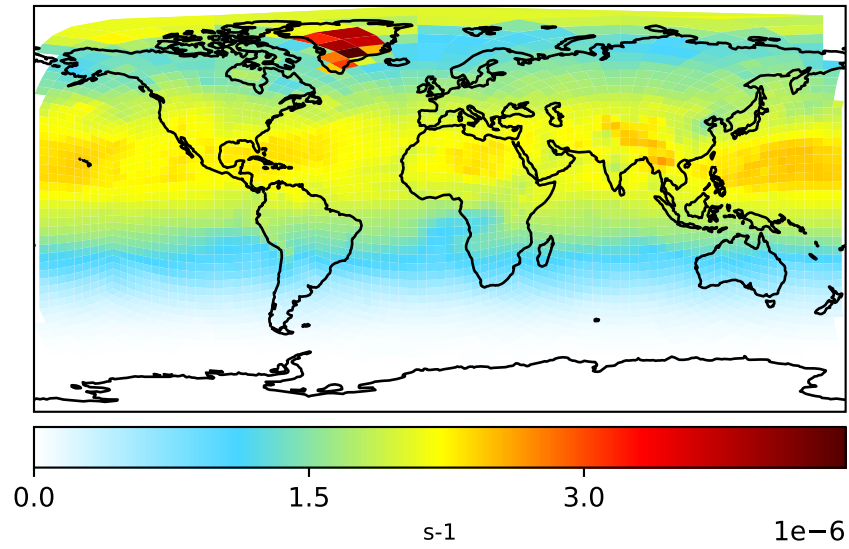


Ratio  
Dev/Ref, Fixed Range

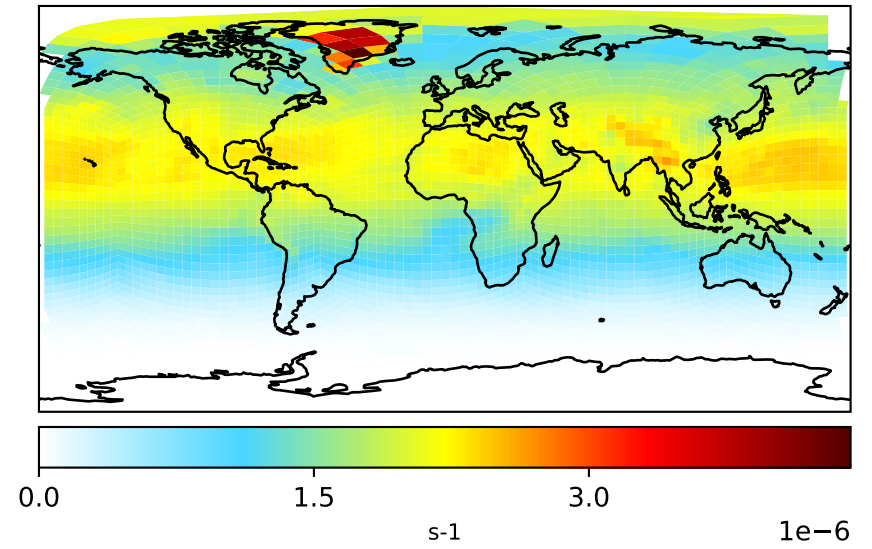


# Jval\_CH3I

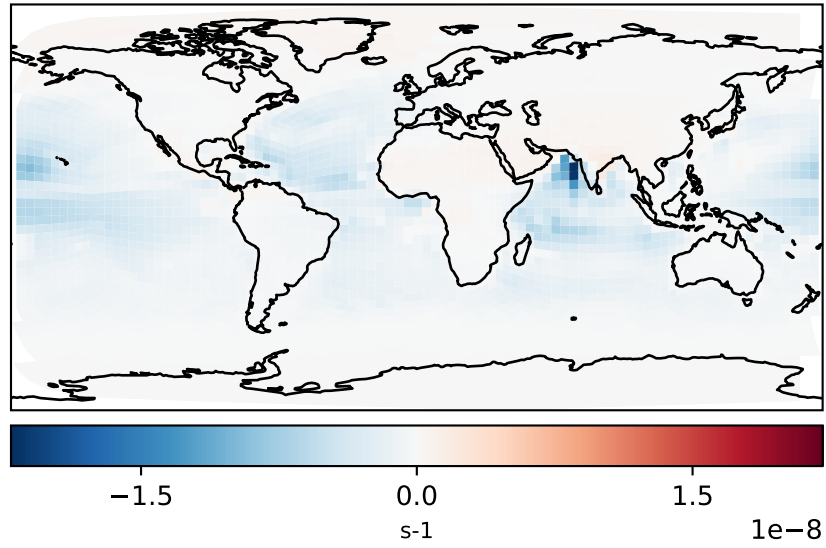
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



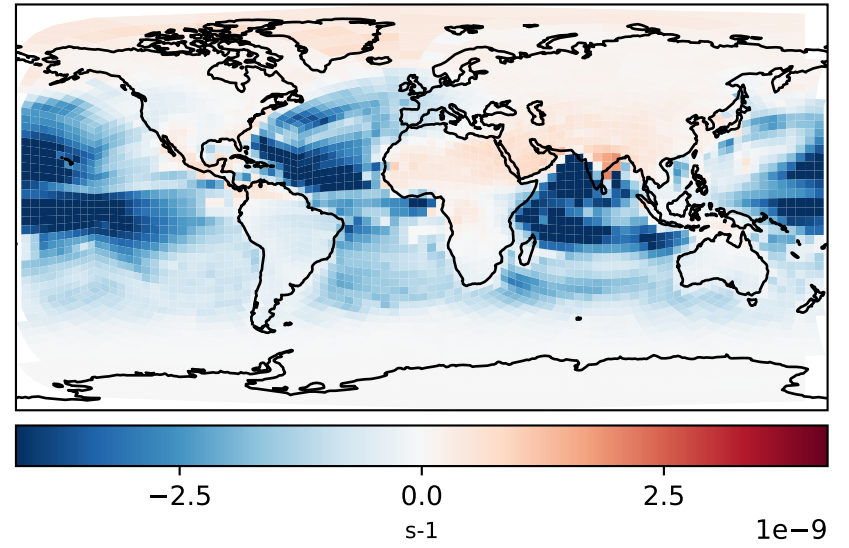
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



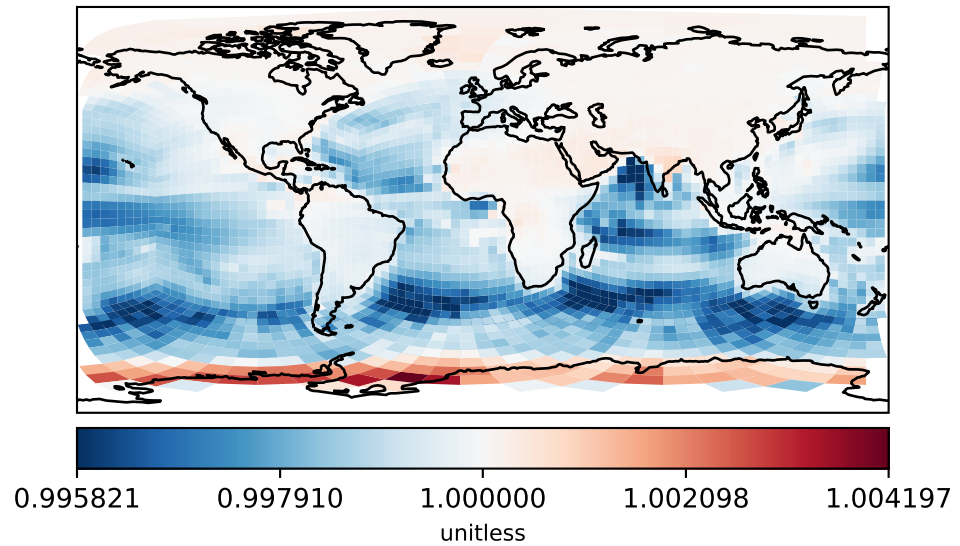
Difference  
Dev - Ref, Dynamic Range



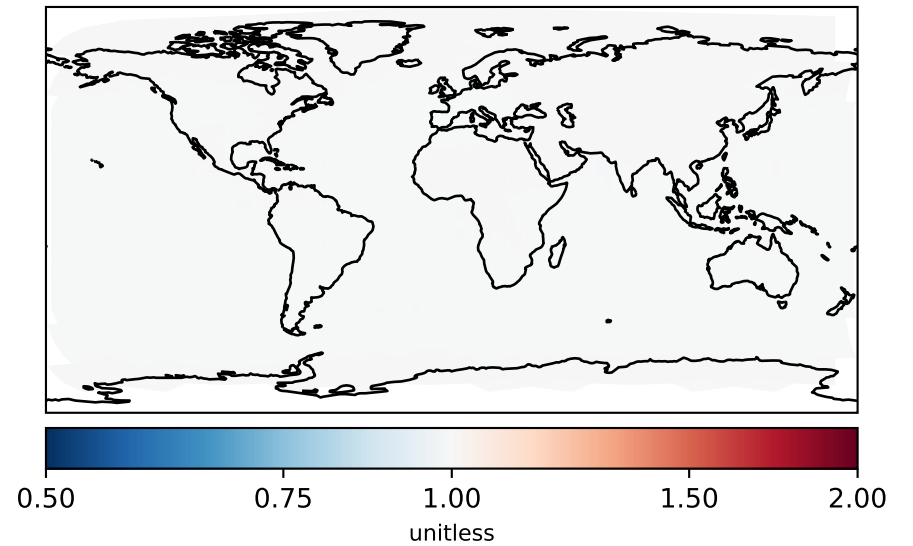
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

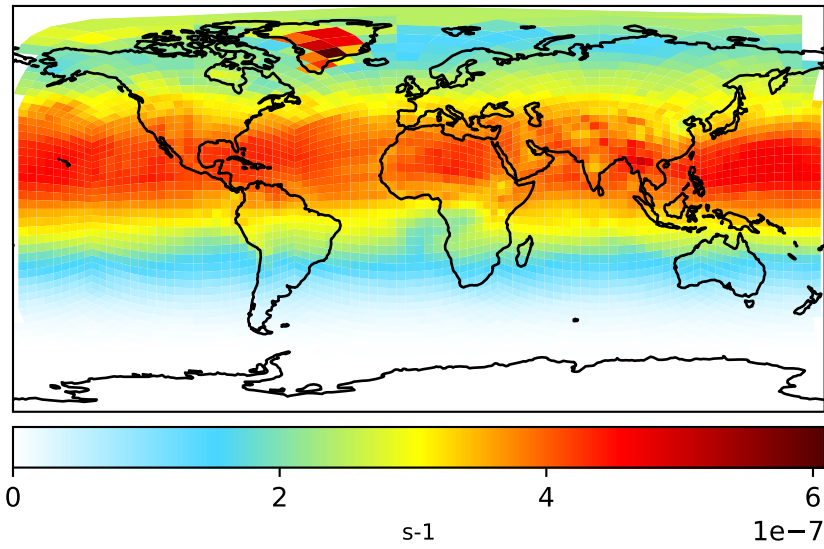


Ratio  
Dev/Ref, Fixed Range

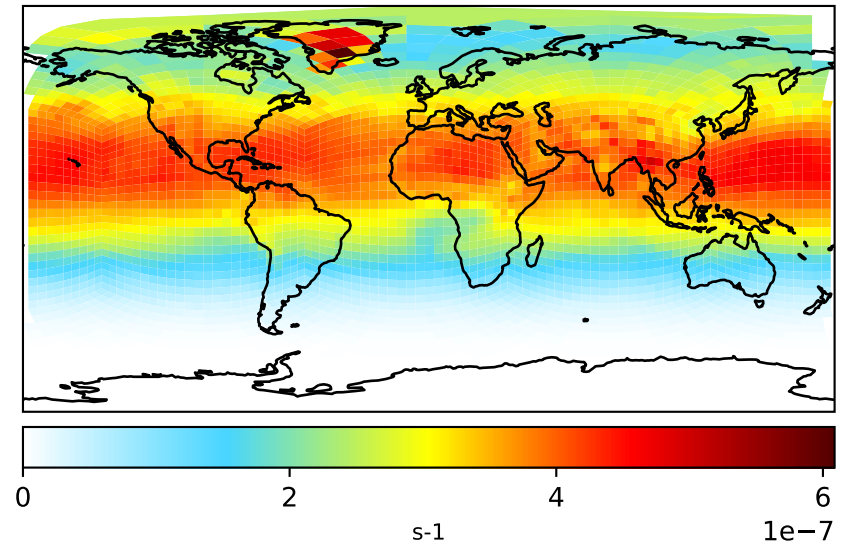


# Jval\_CHBr3

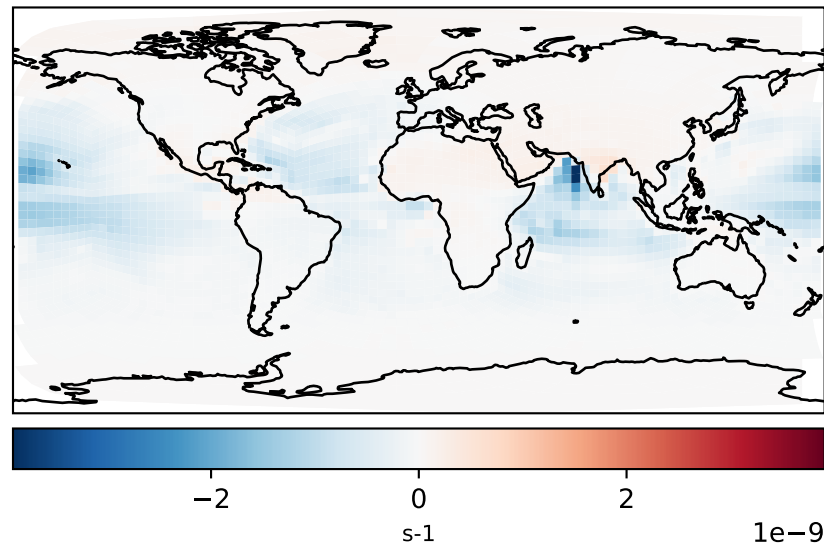
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



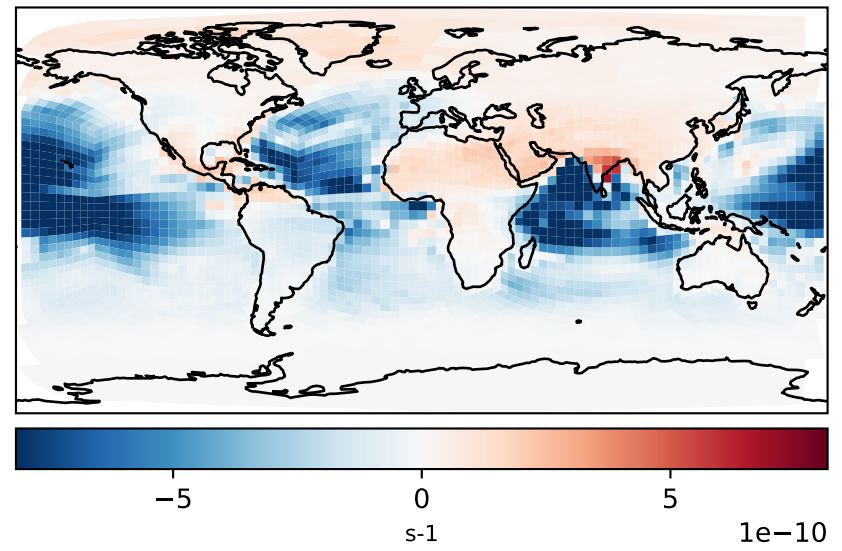
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



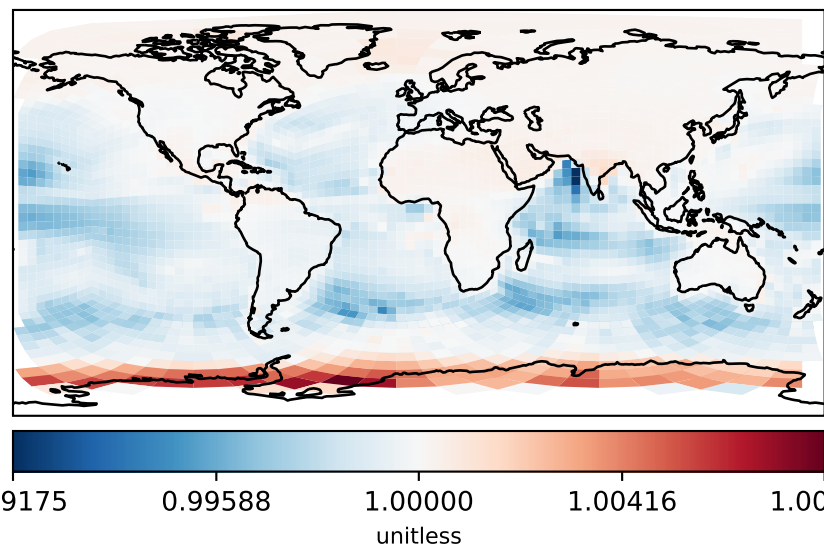
Difference  
Dev - Ref, Dynamic Range



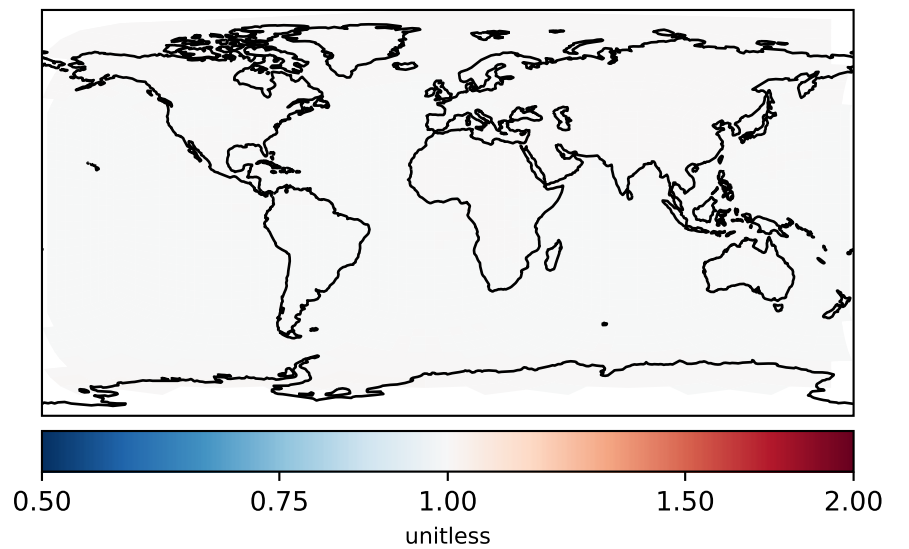
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

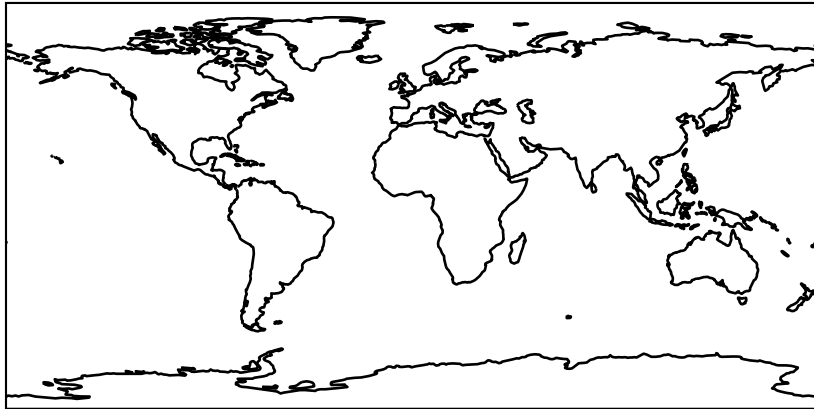


Ratio  
Dev/Ref, Fixed Range



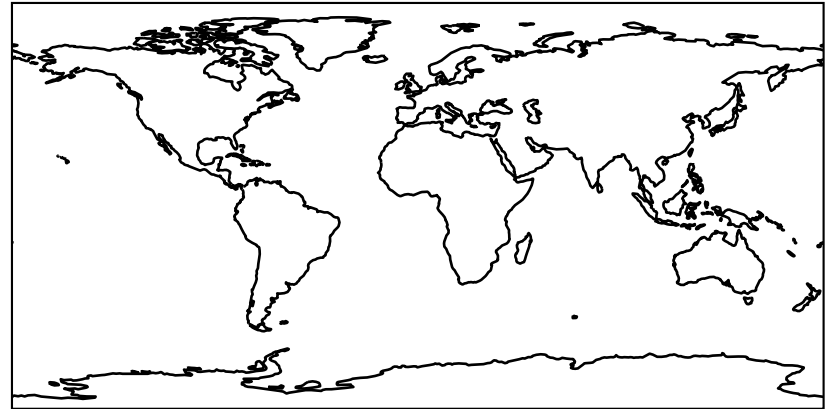
# Jval\_CHCl3

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



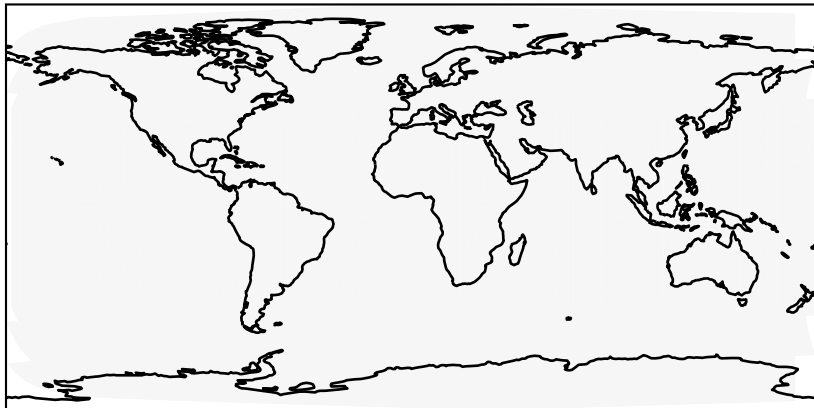
Zero throughout domain  
s-1

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



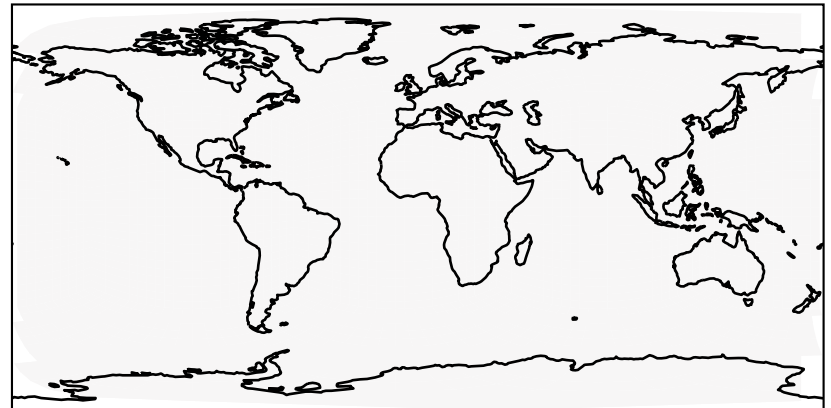
Zero throughout domain  
s-1

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

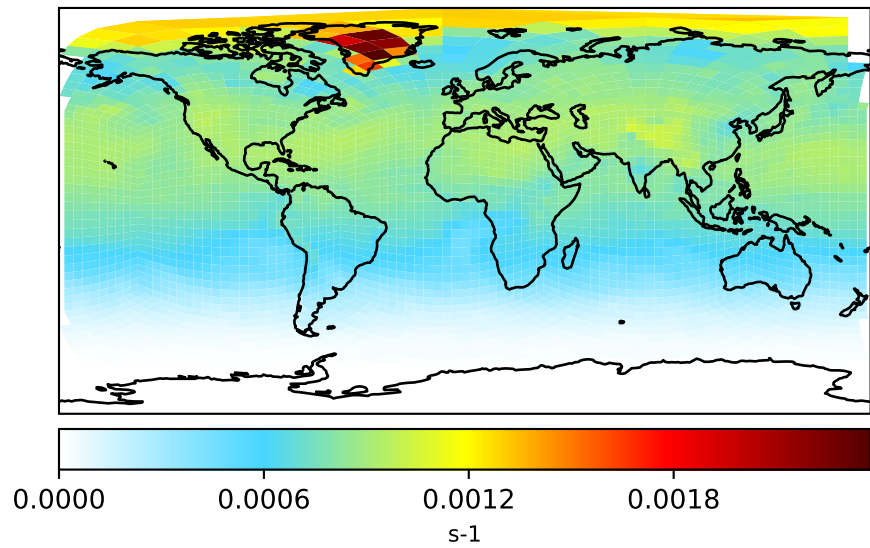
Ratio  
Dev/Ref, Fixed Range



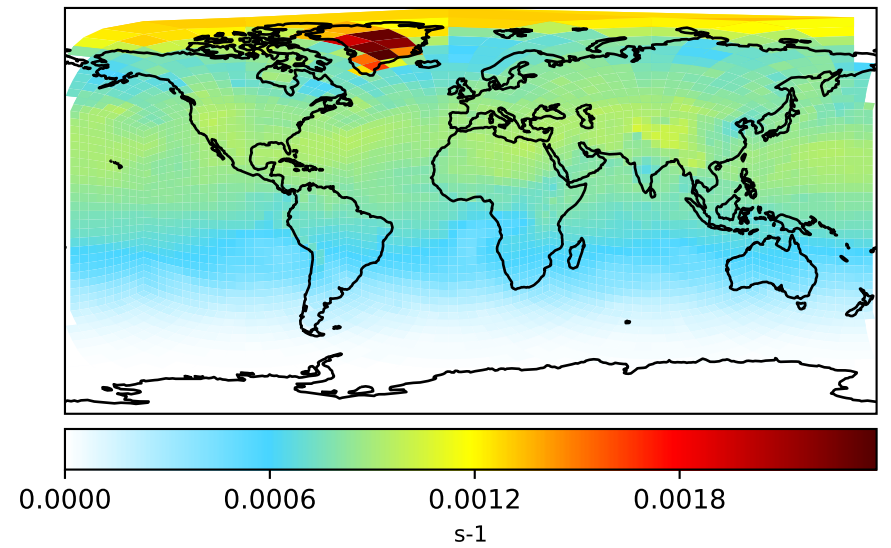
Undefined throughout domain  
unitless

# Jval\_CI2

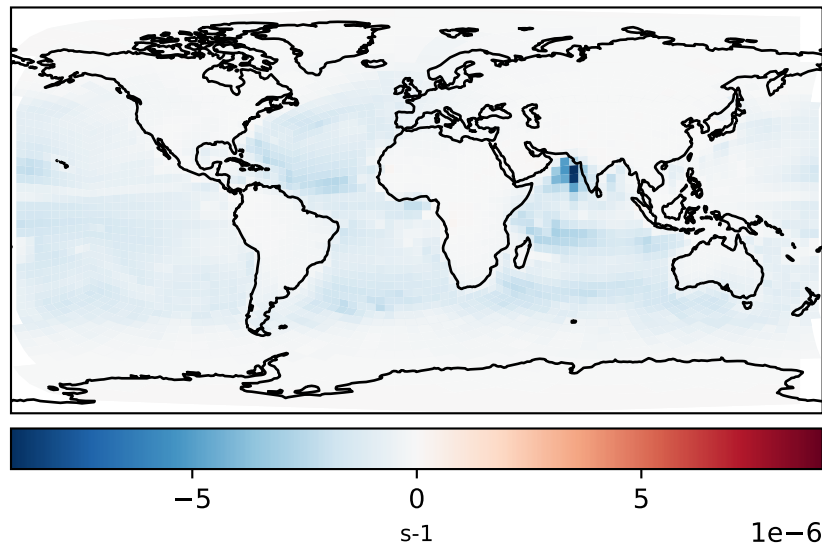
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



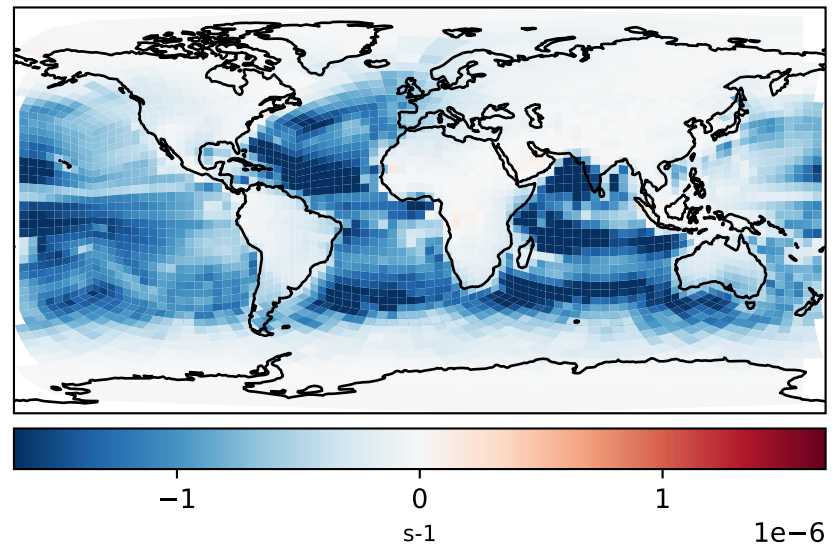
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



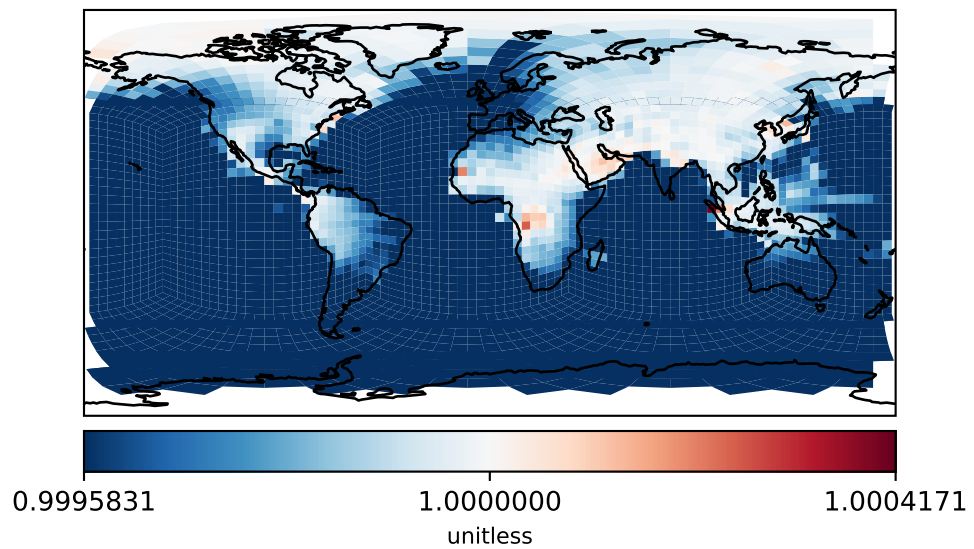
Difference  
Dev - Ref, Dynamic Range



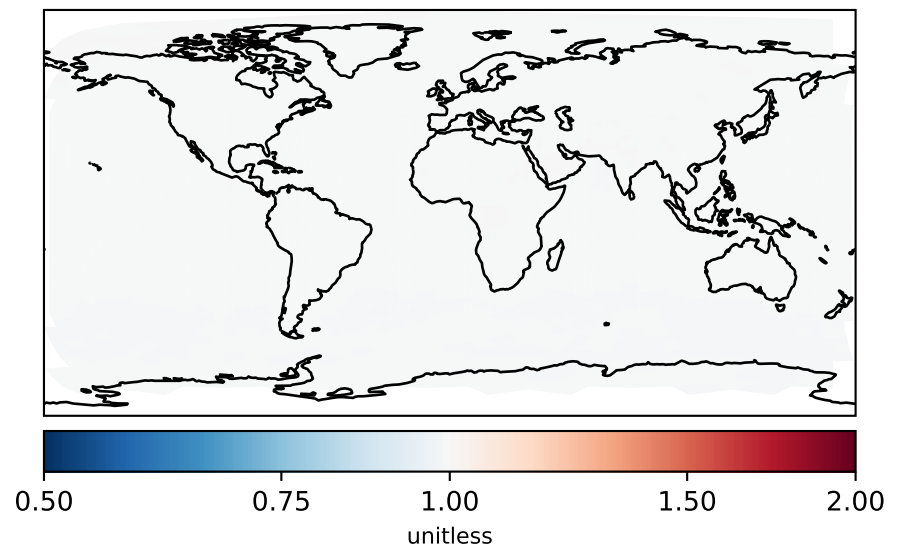
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



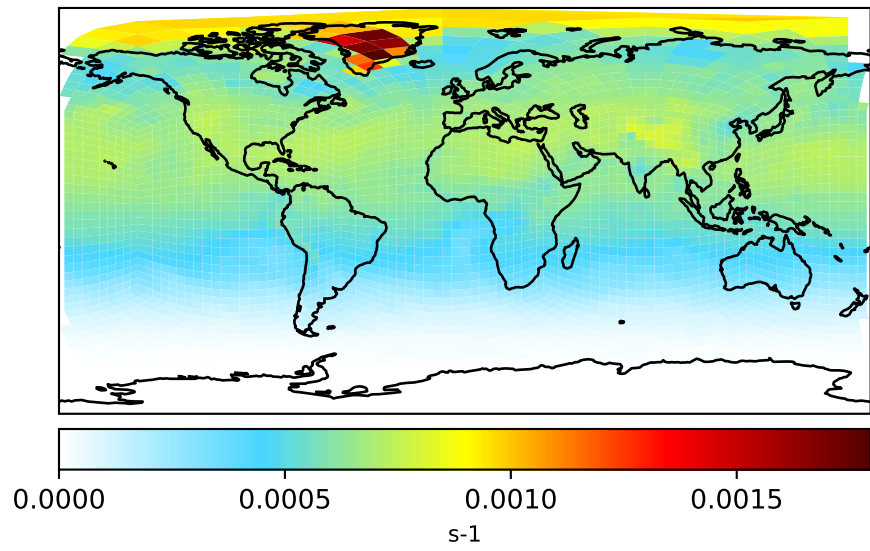
Ratio  
Dev/Ref, Fixed Range



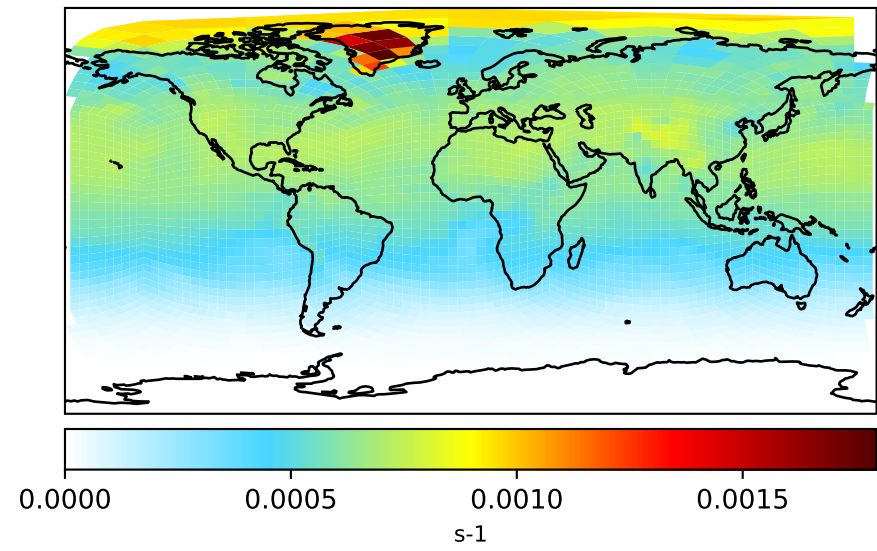


# Jval\_CI202

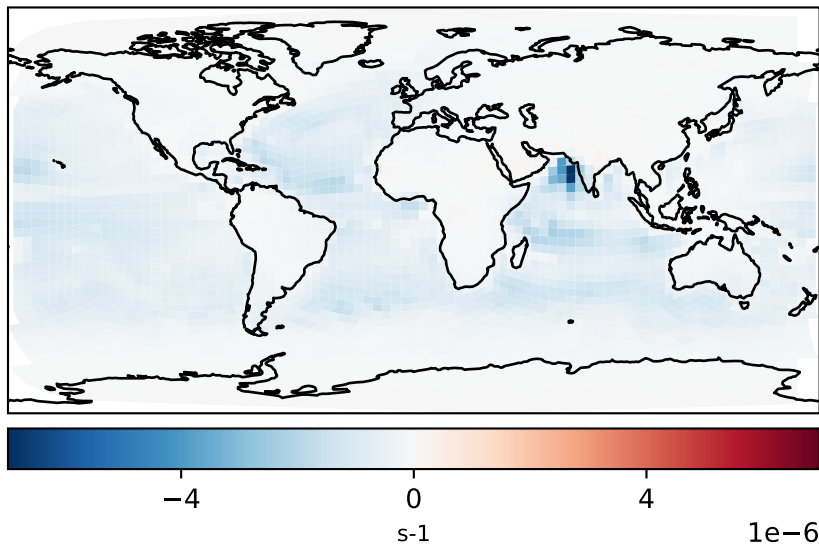
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



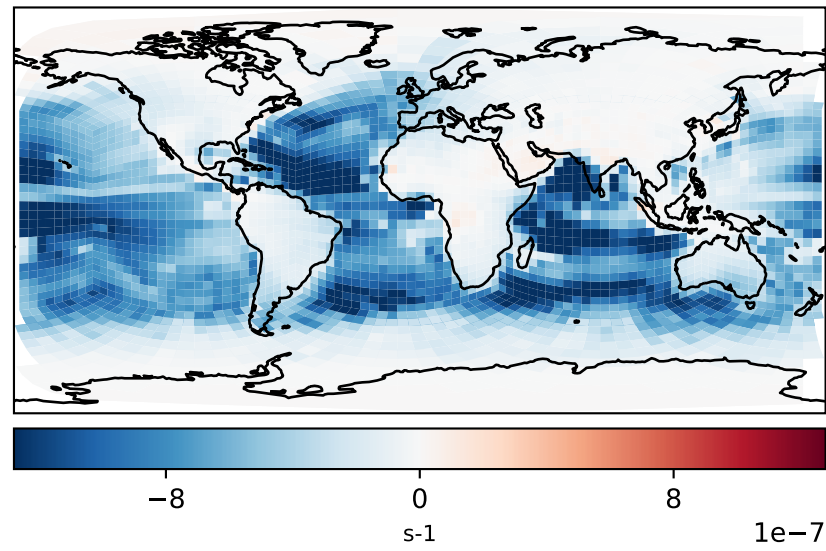
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



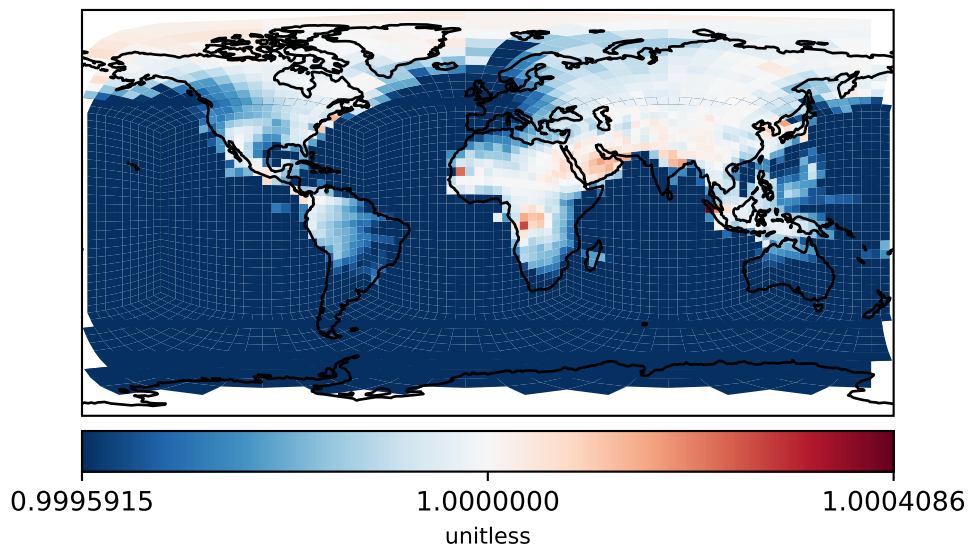
Difference  
Dev - Ref, Dynamic Range



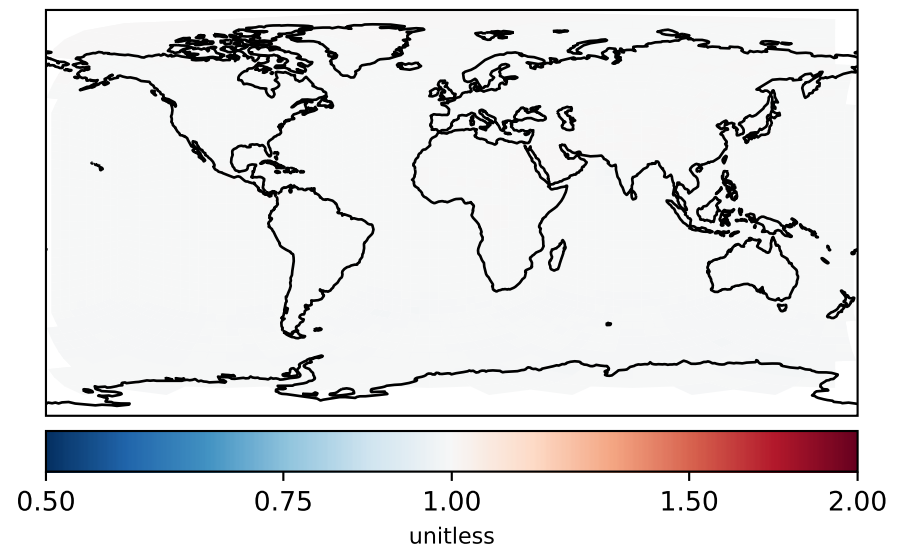
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

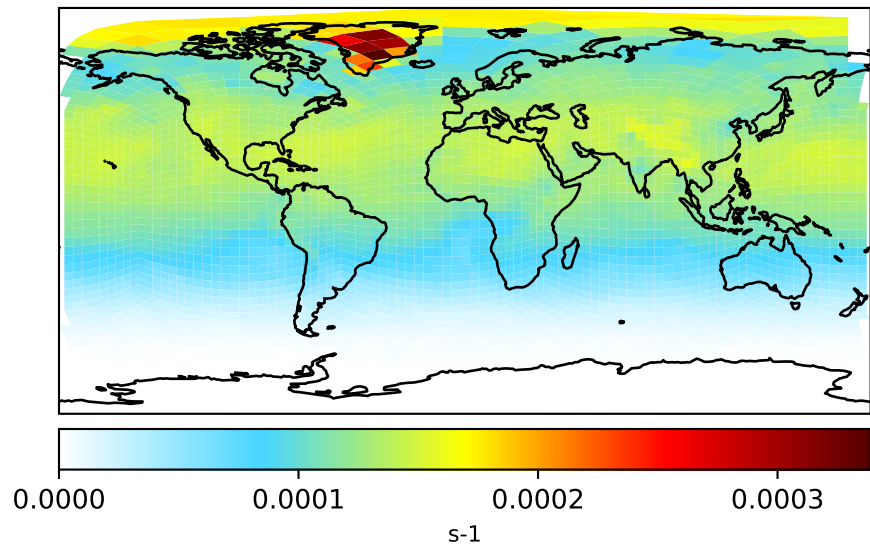


Ratio  
Dev/Ref, Fixed Range

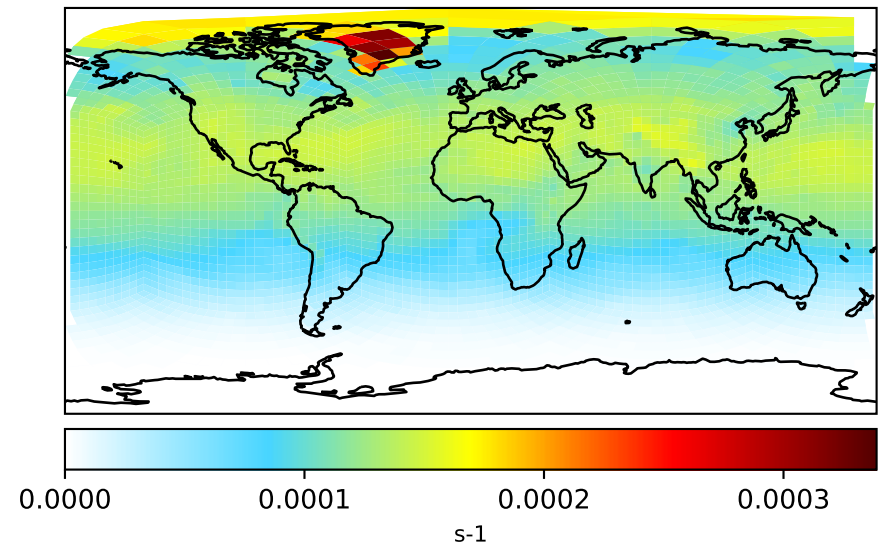


# Jval\_CIN02

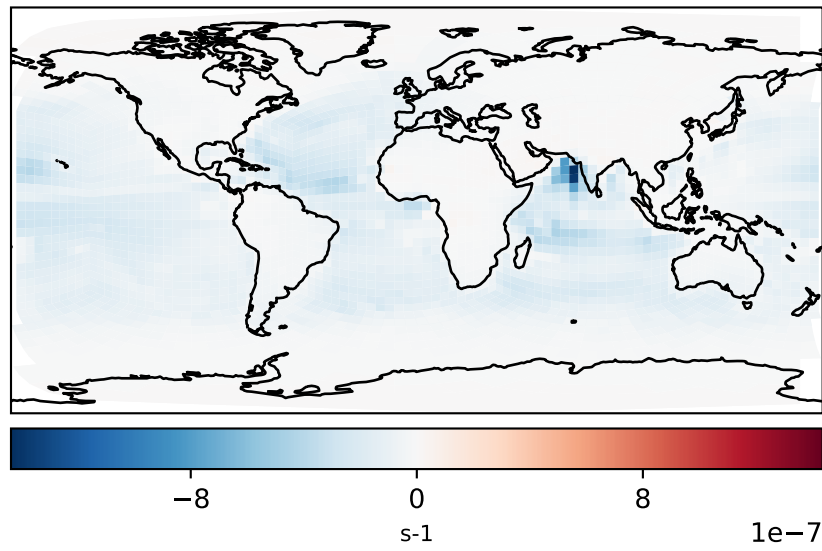
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



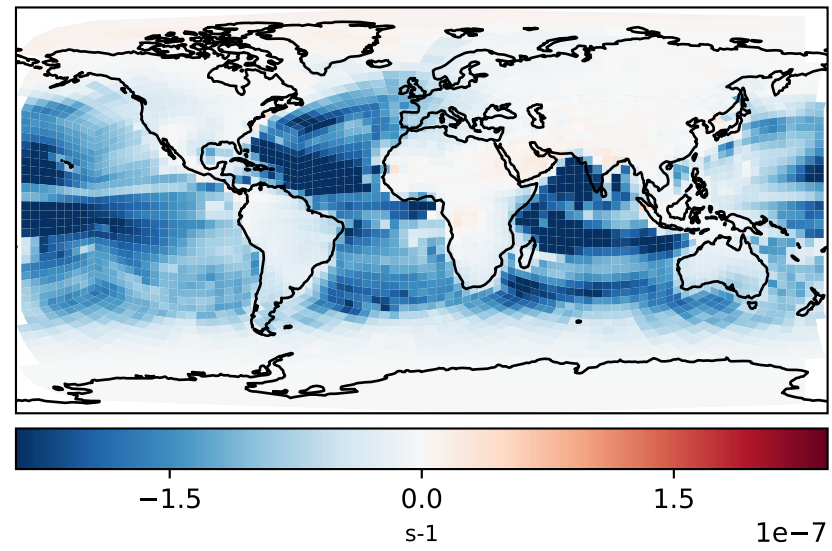
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



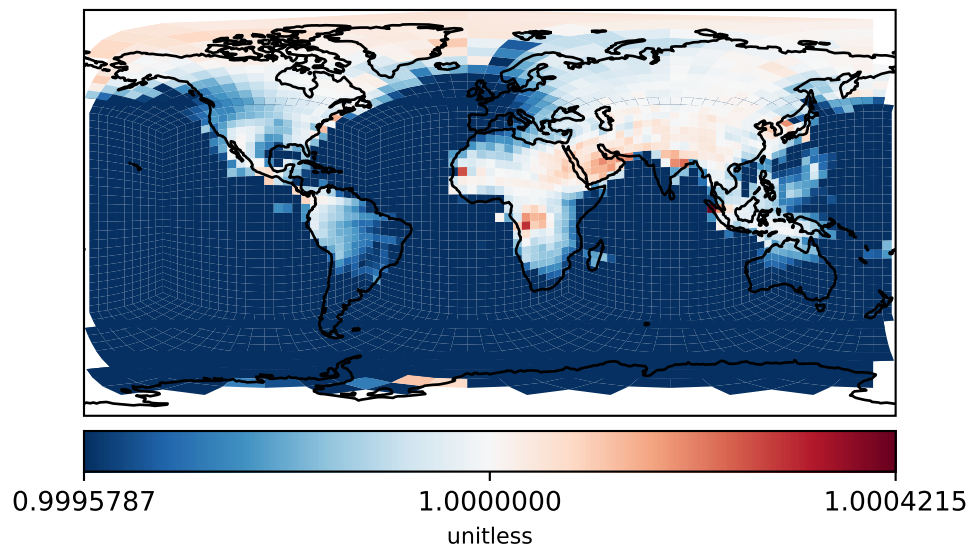
Difference  
Dev - Ref, Dynamic Range



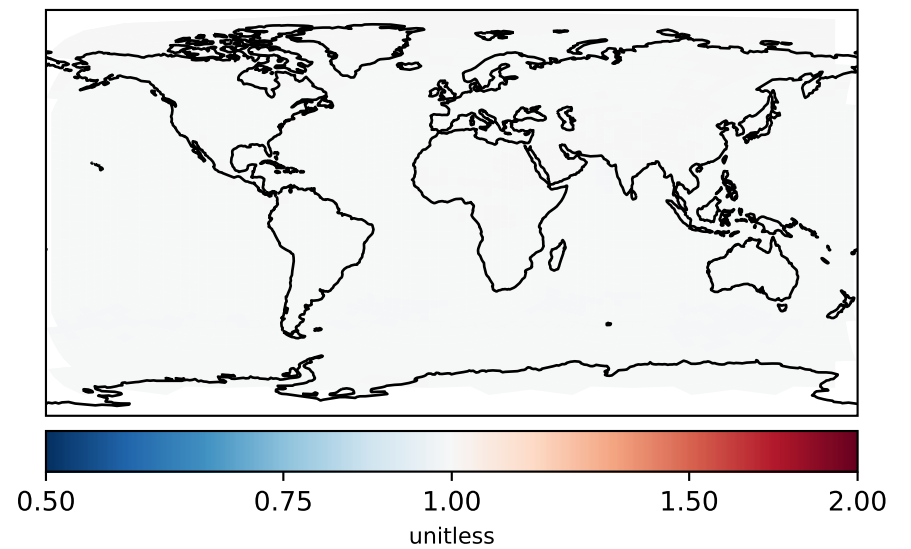
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

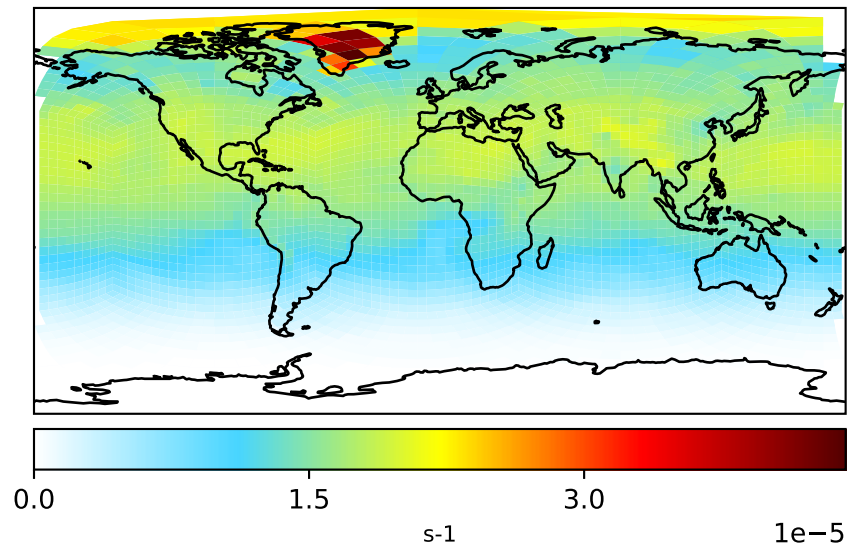


Ratio  
Dev/Ref, Fixed Range

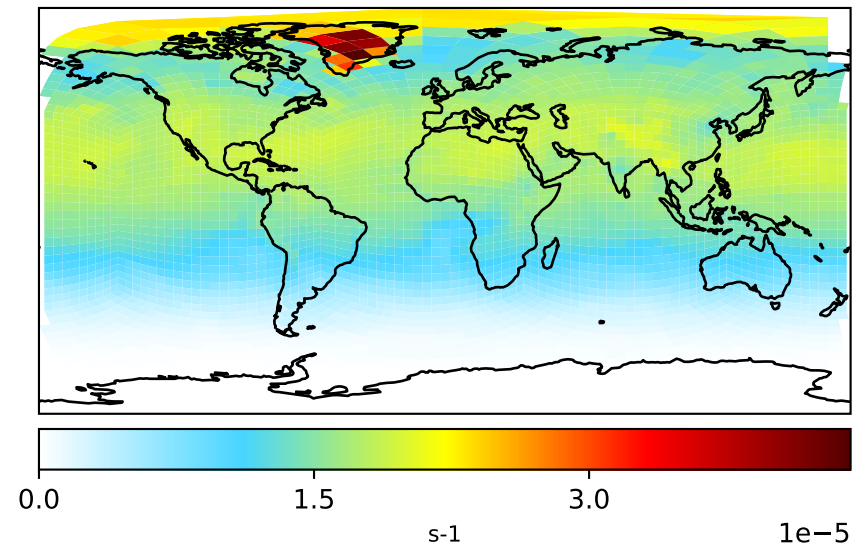


# Jval\_CIN03

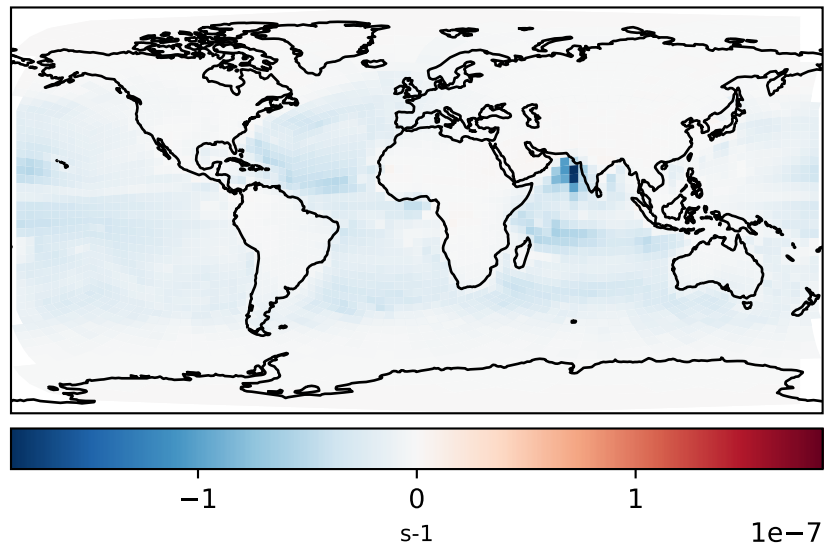
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



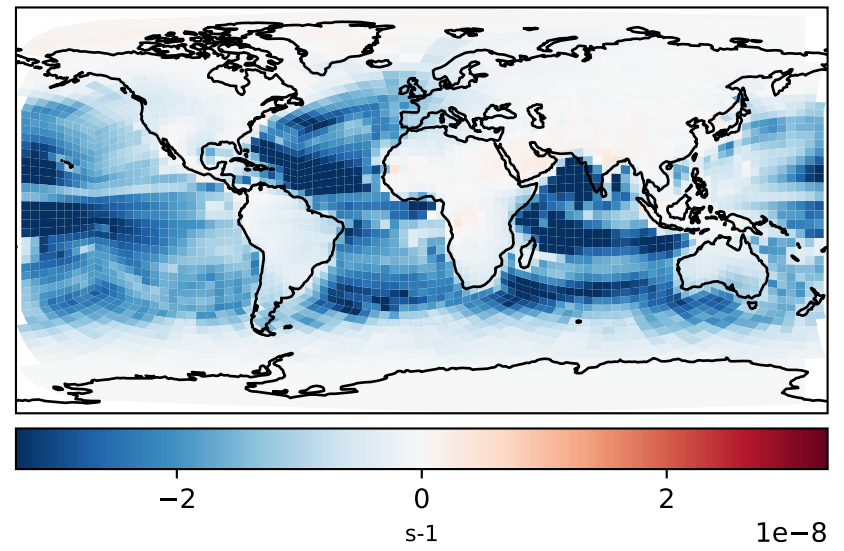
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



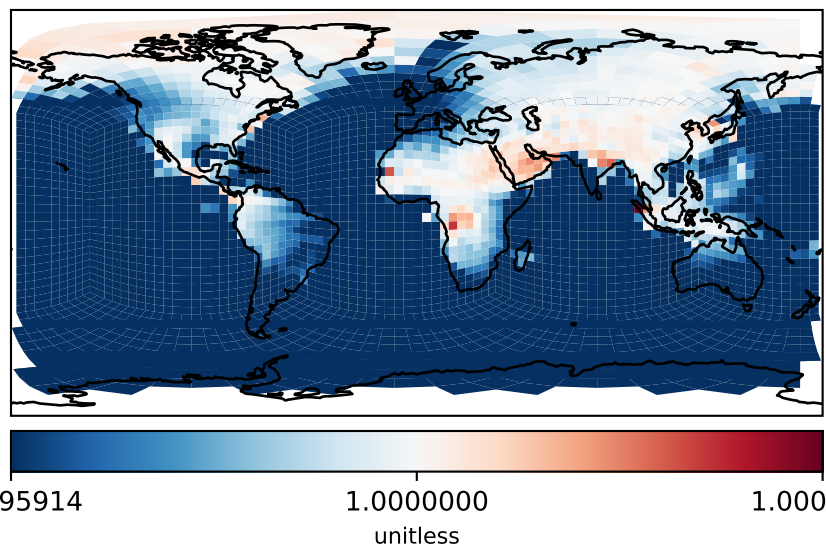
Difference  
Dev - Ref, Dynamic Range



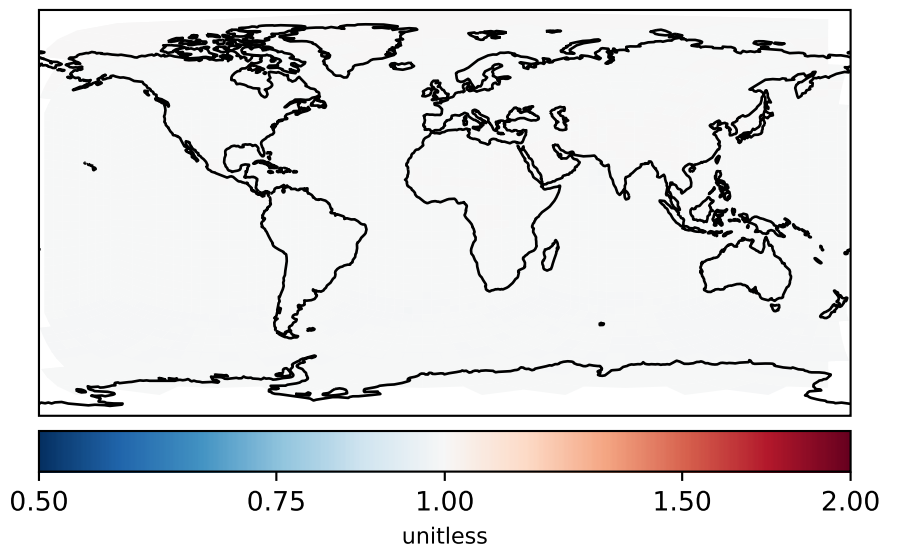
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

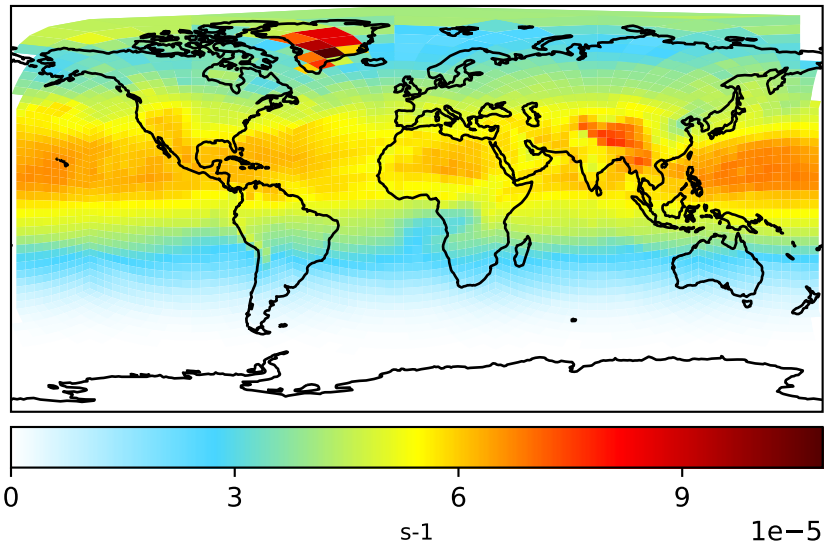


Ratio  
Dev/Ref, Fixed Range

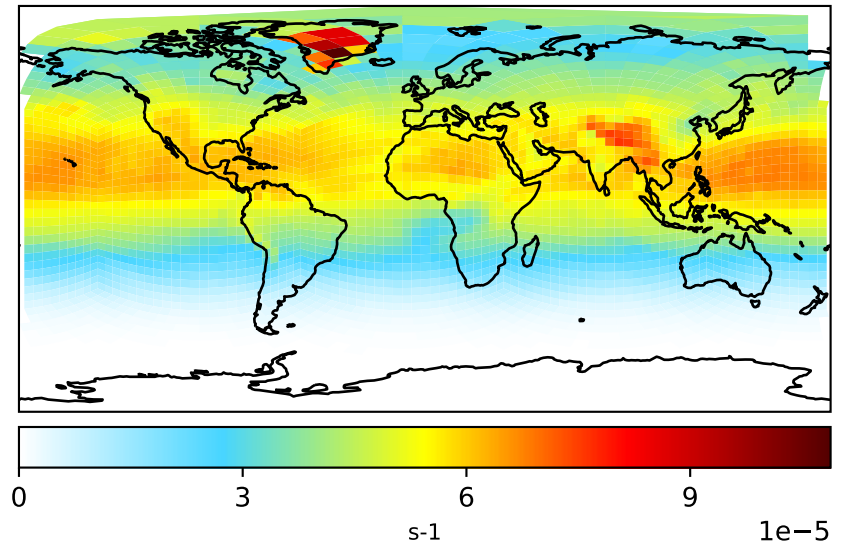


# Jval\_CIO

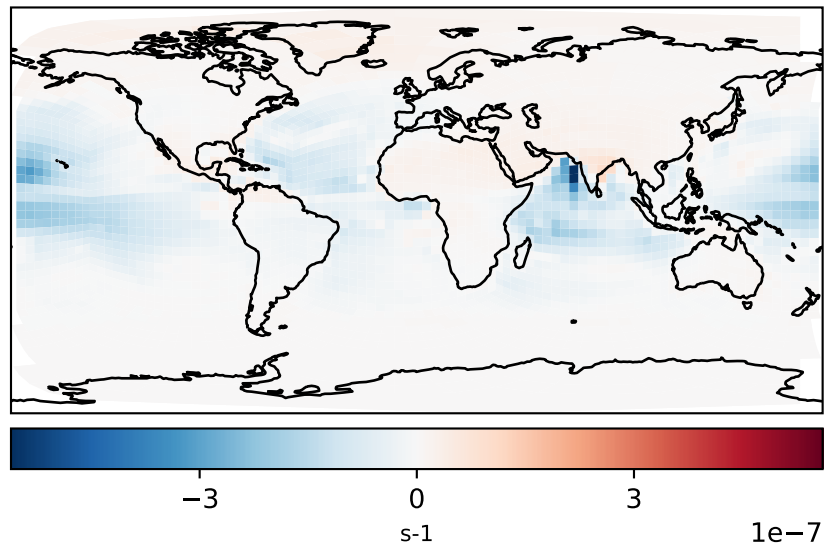
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



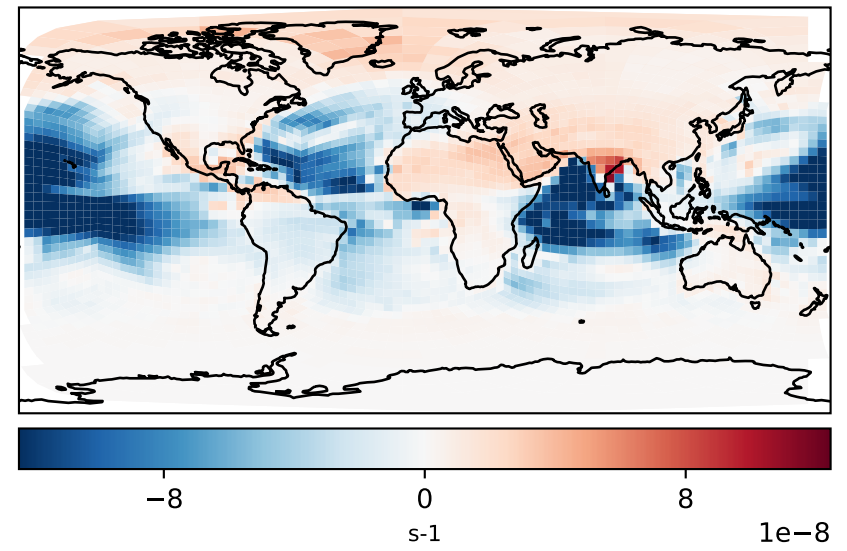
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



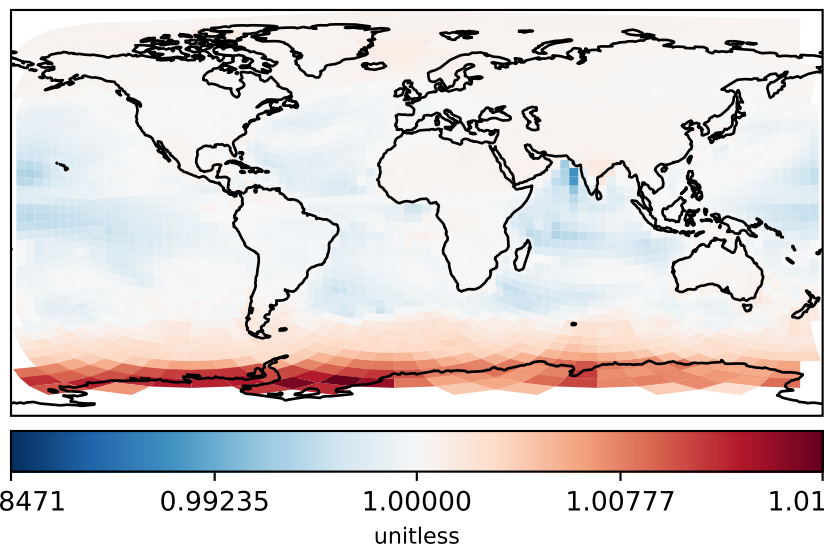
Difference  
Dev - Ref, Dynamic Range



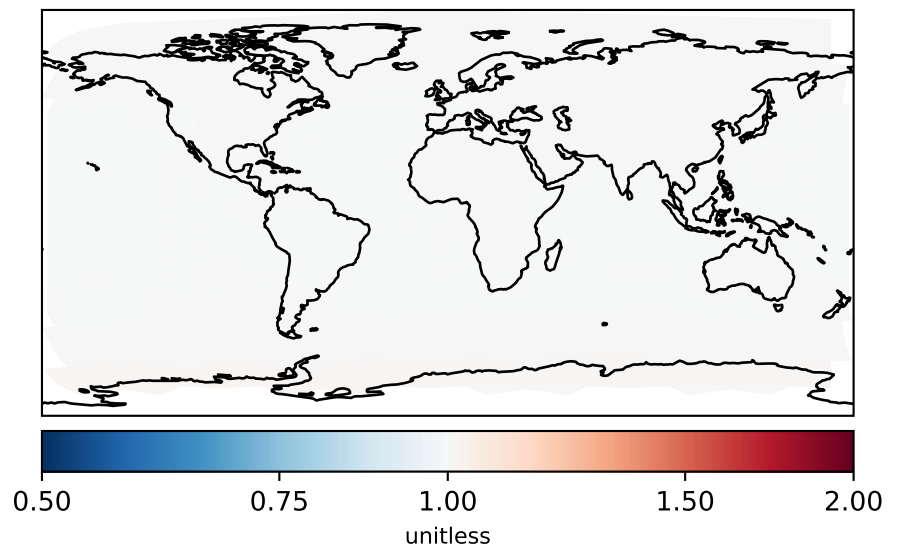
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

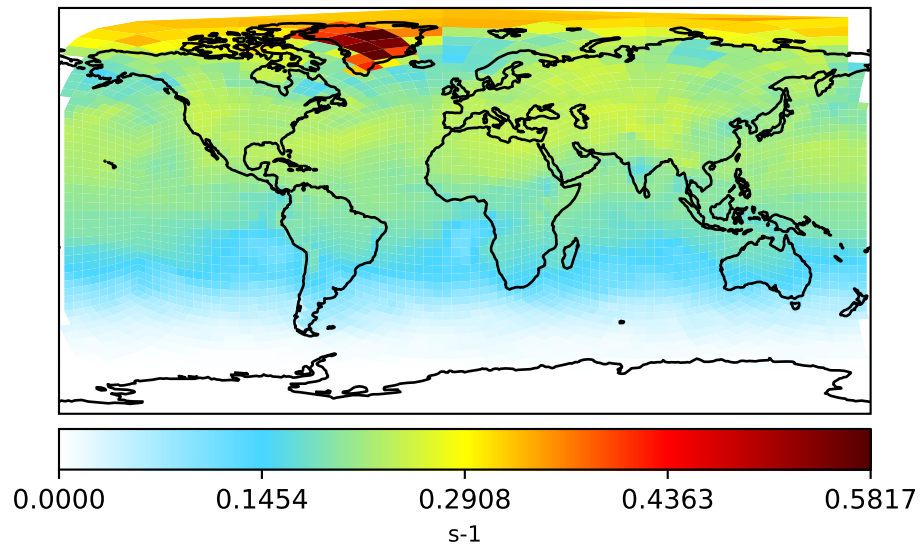


Ratio  
Dev/Ref, Fixed Range

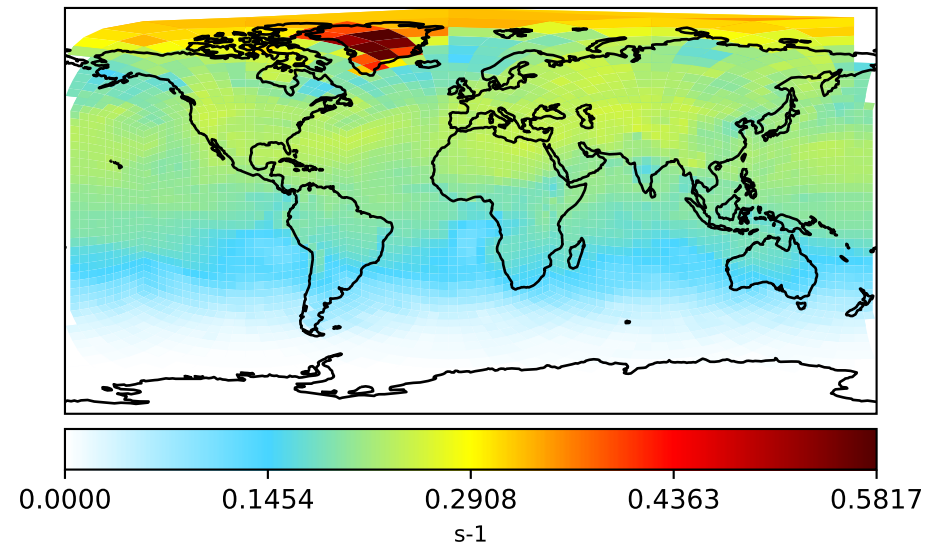


# Jval\_C100

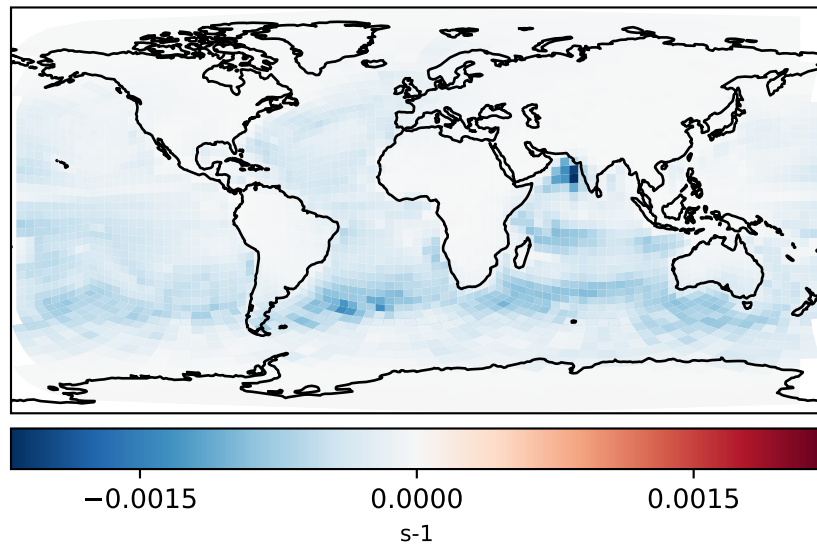
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



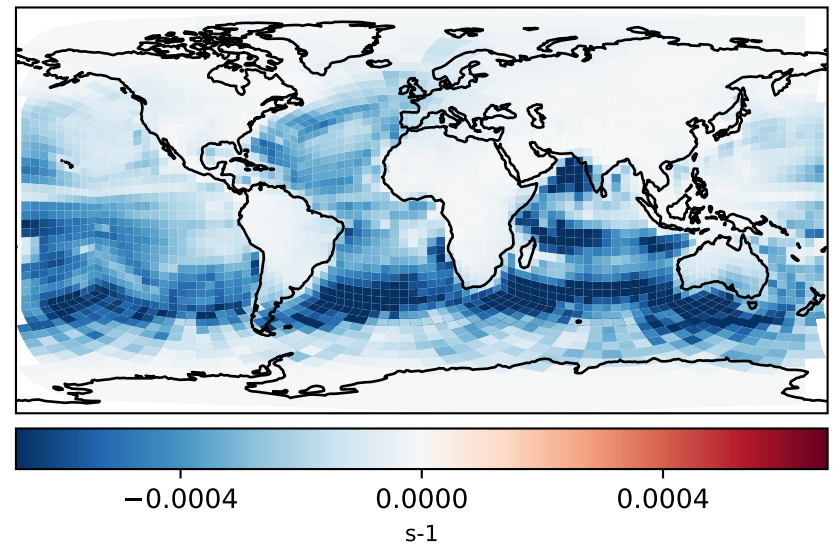
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



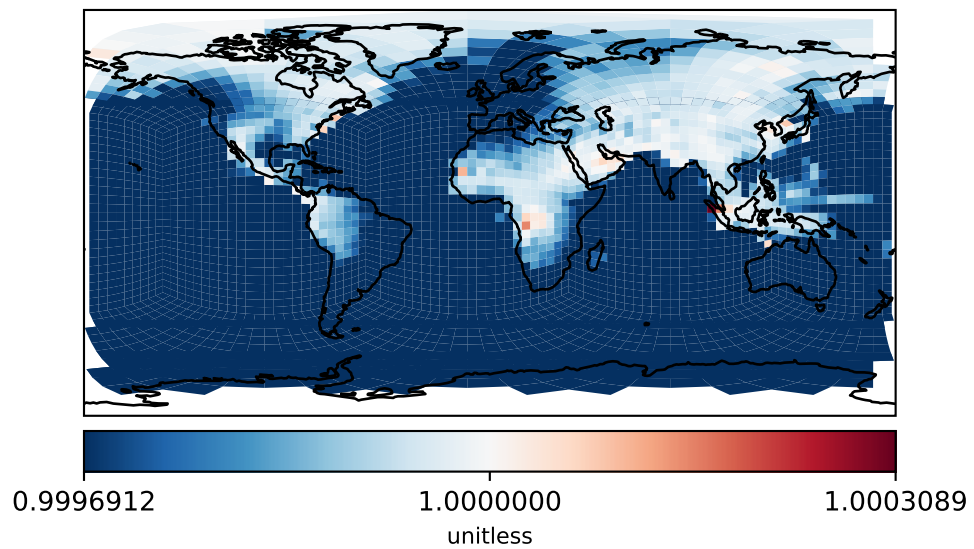
Difference  
Dev - Ref, Dynamic Range



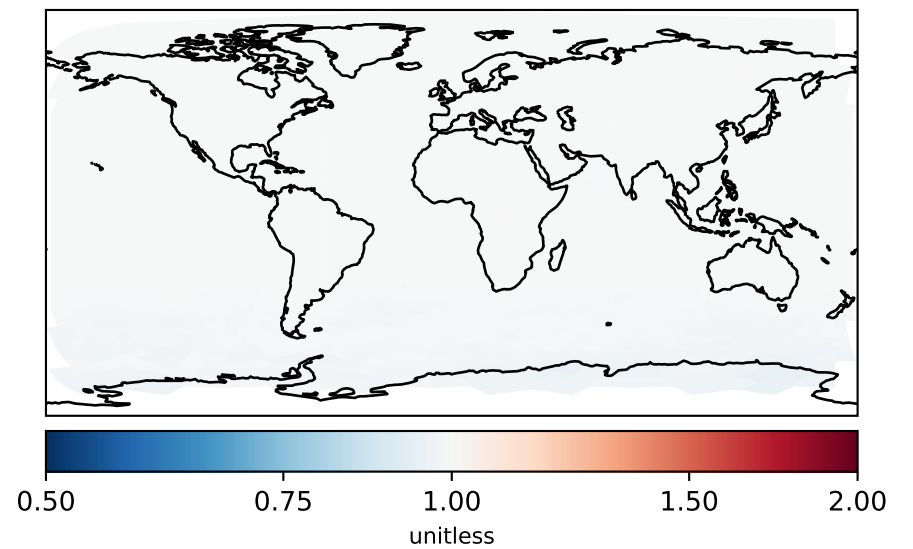
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

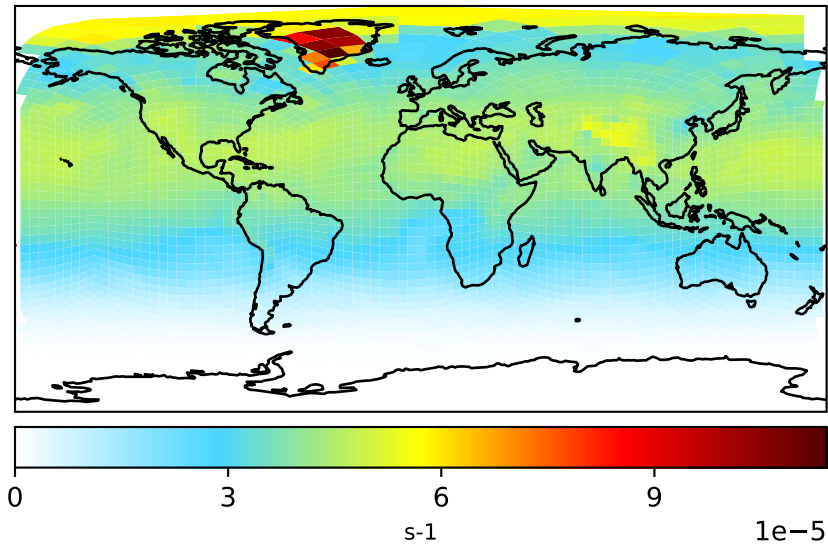


Ratio  
Dev/Ref, Fixed Range

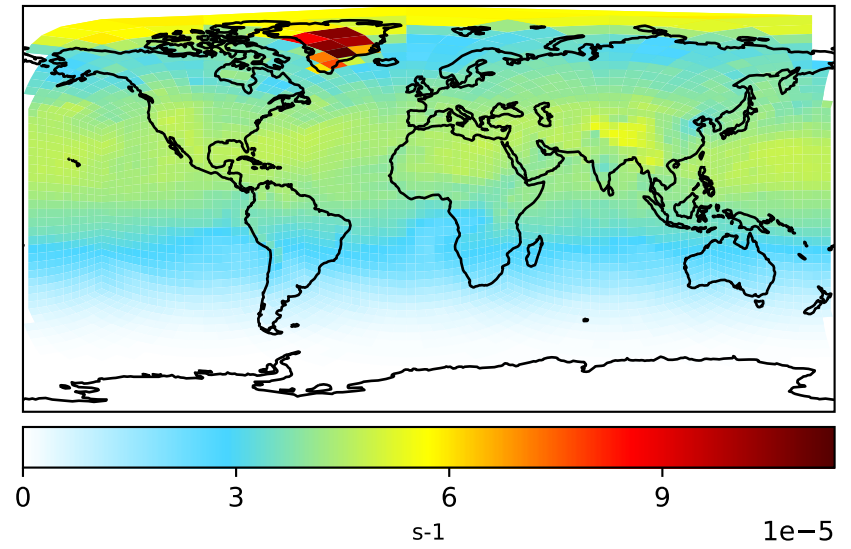


# Jval\_ETHLN

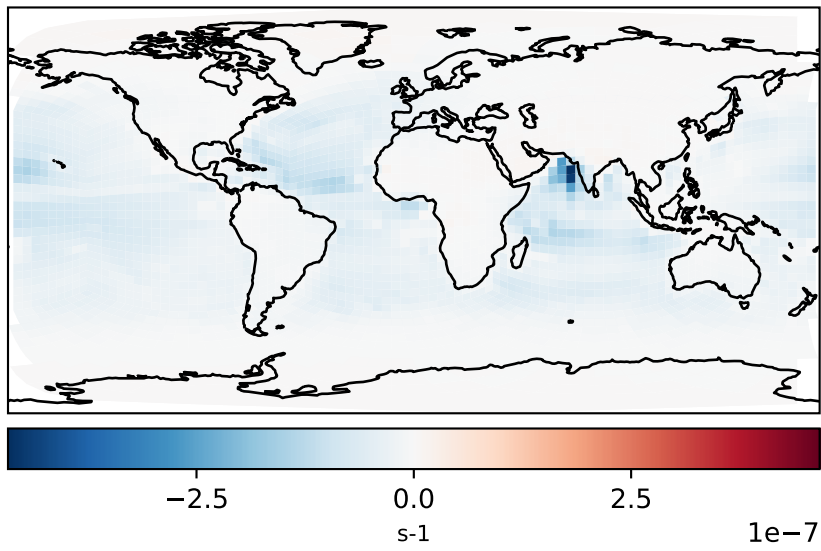
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



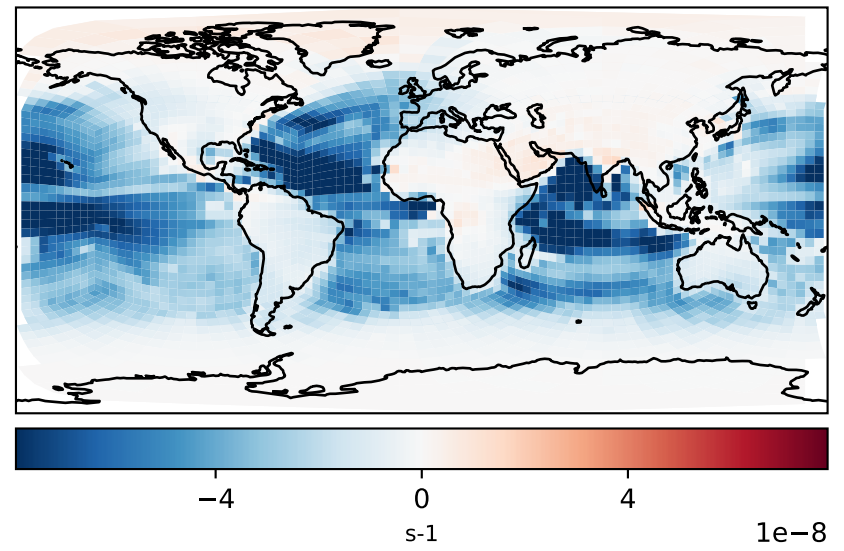
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



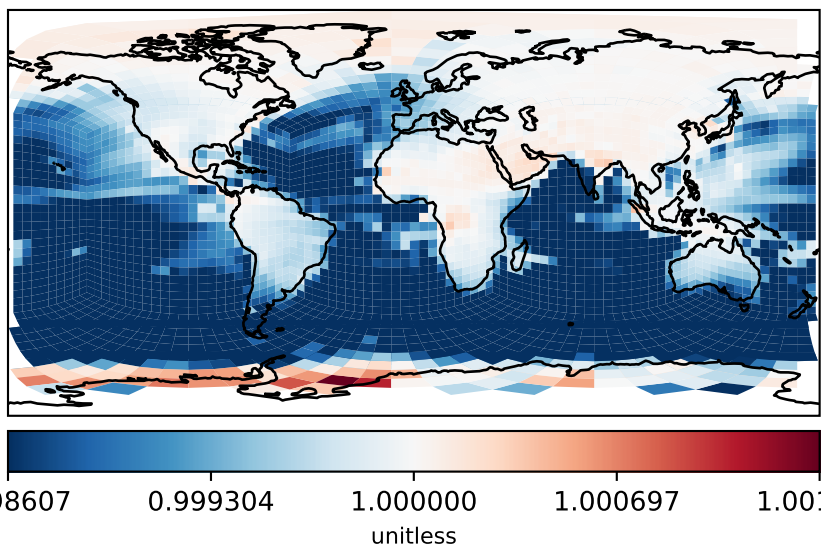
Difference  
Dev - Ref, Dynamic Range



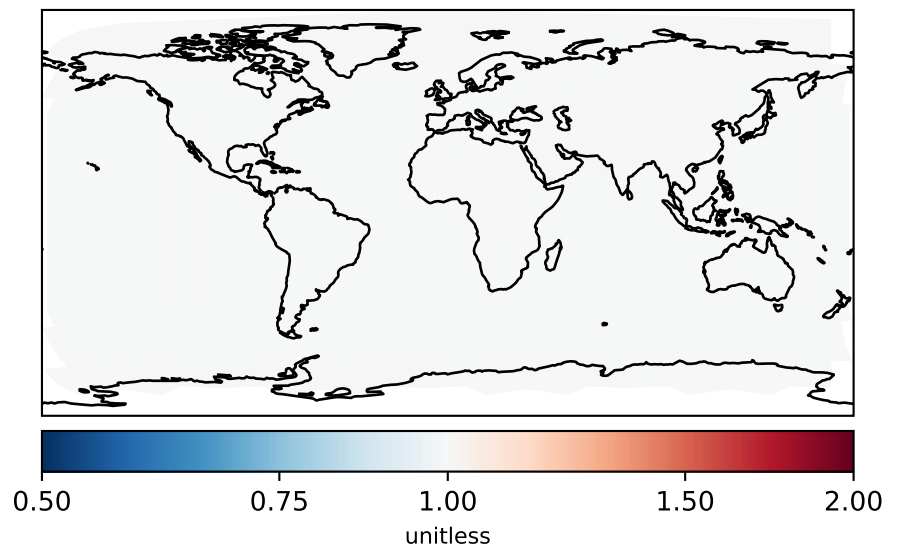
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

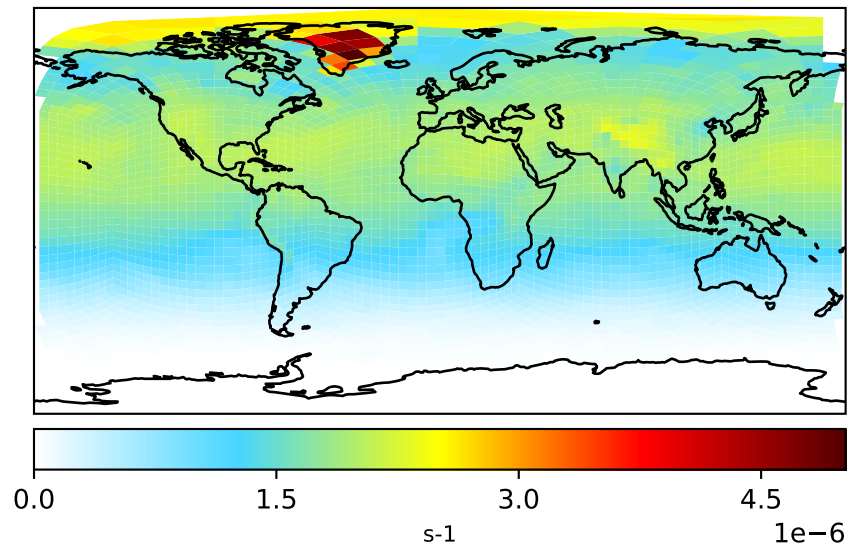


Ratio  
Dev/Ref, Fixed Range

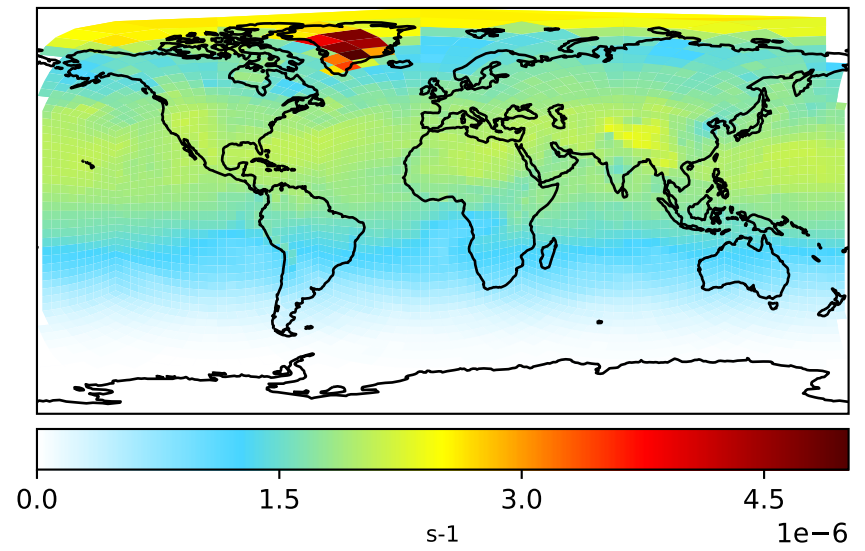


# Jval\_ETHP

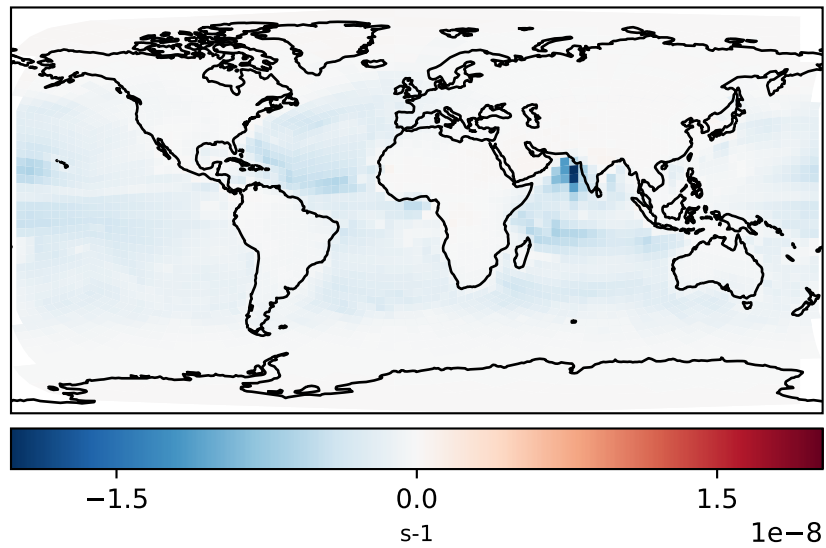
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



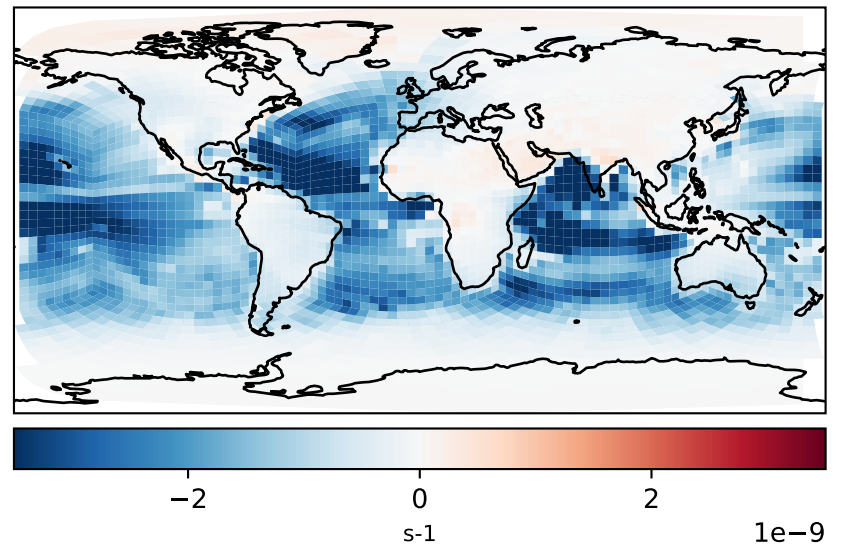
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



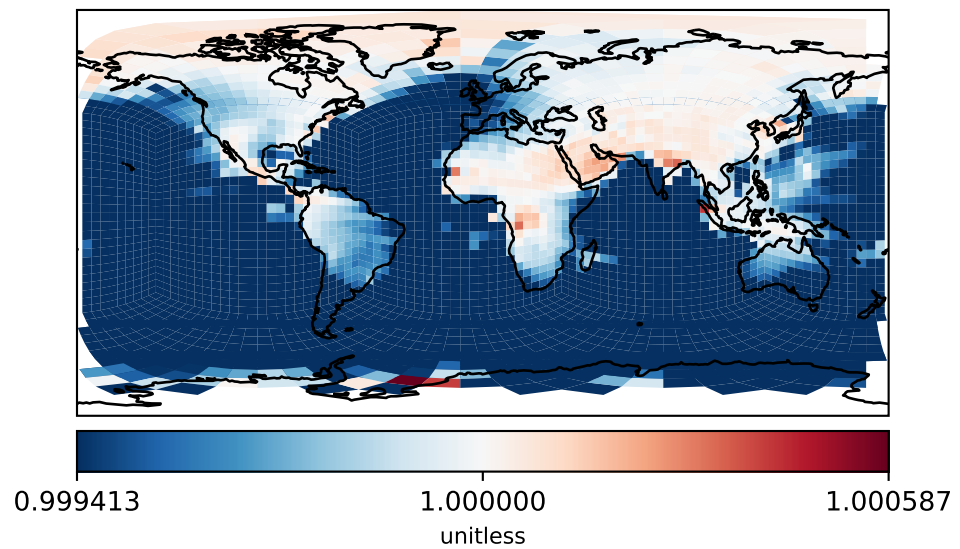
Difference  
Dev - Ref, Dynamic Range



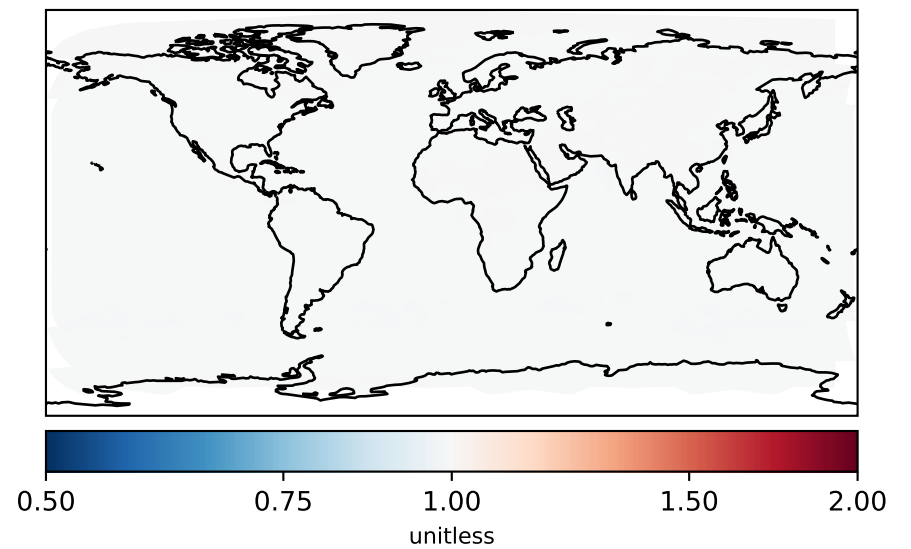
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

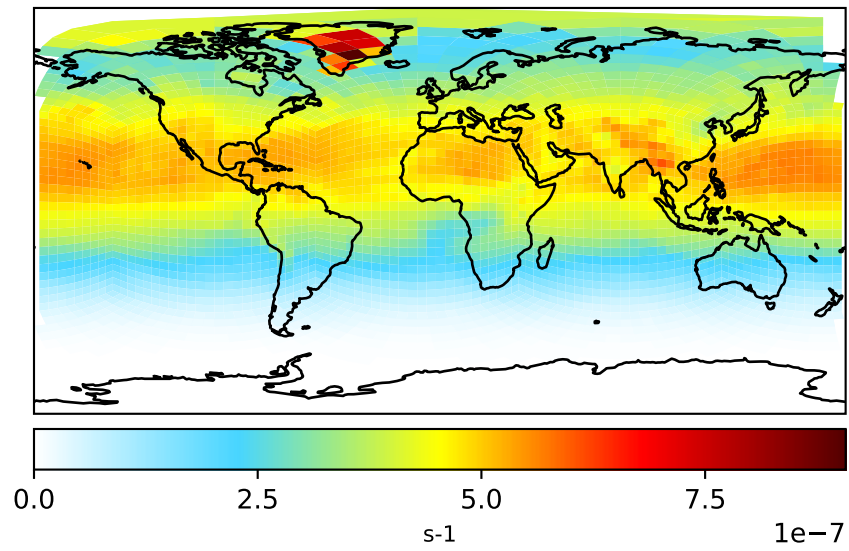


Ratio  
Dev/Ref, Fixed Range

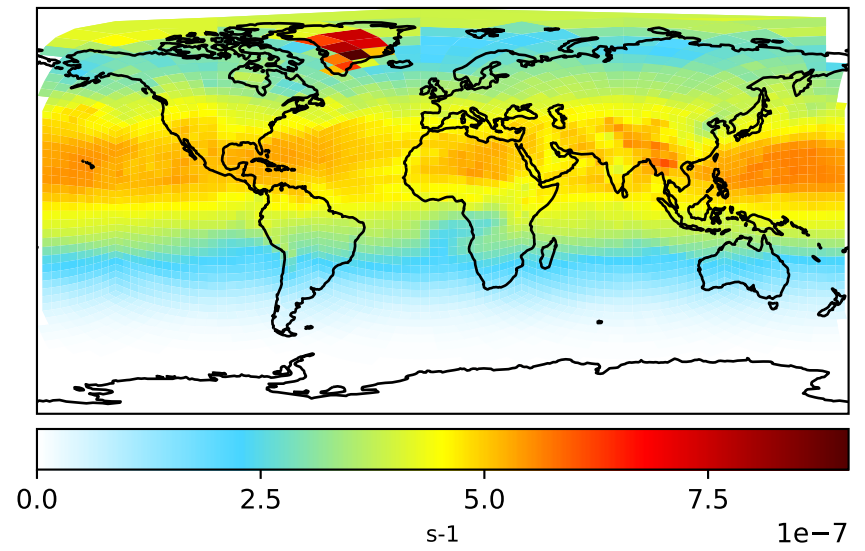


# Jval\_ETNO3

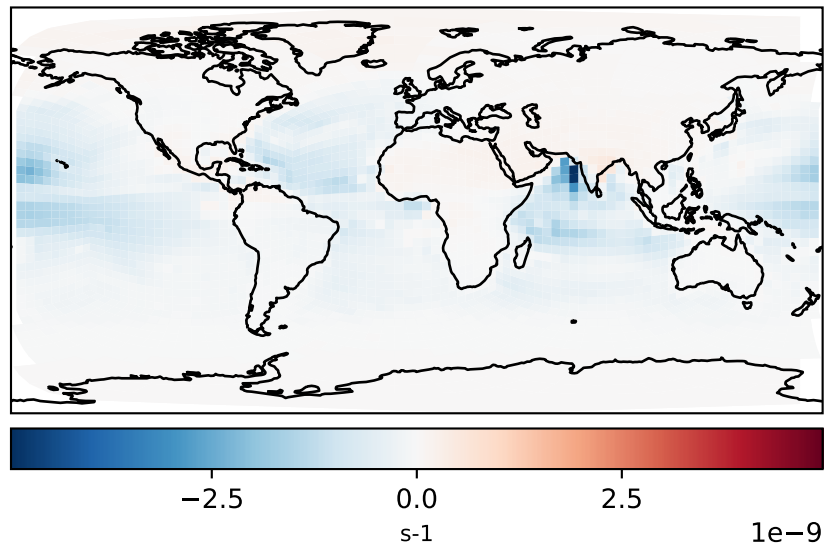
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



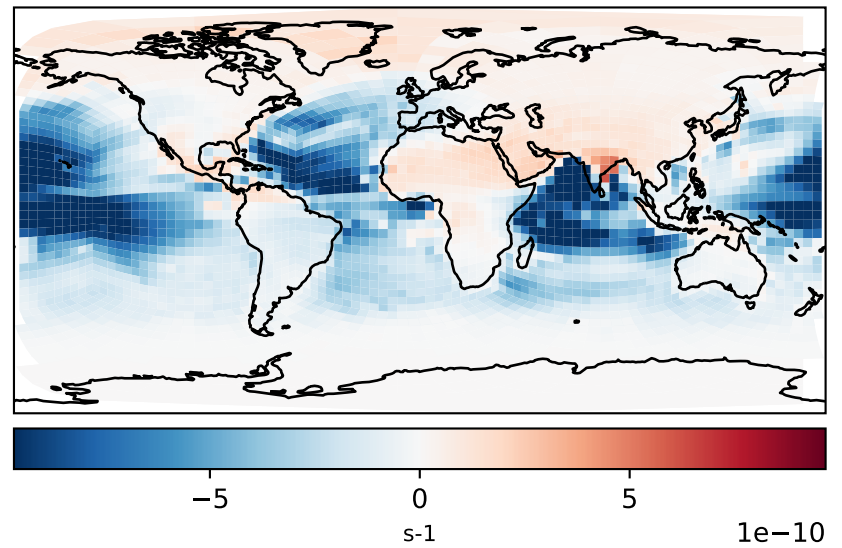
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



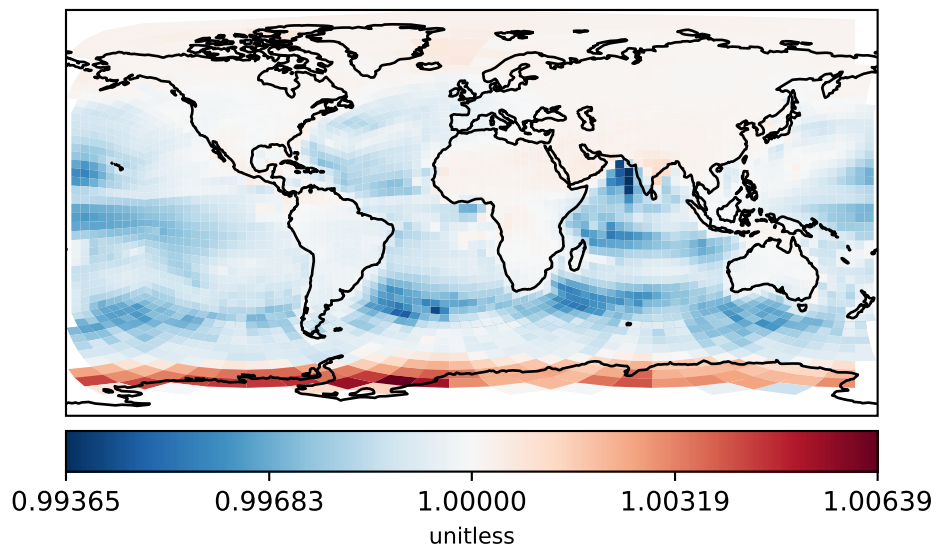
Difference  
Dev - Ref, Dynamic Range



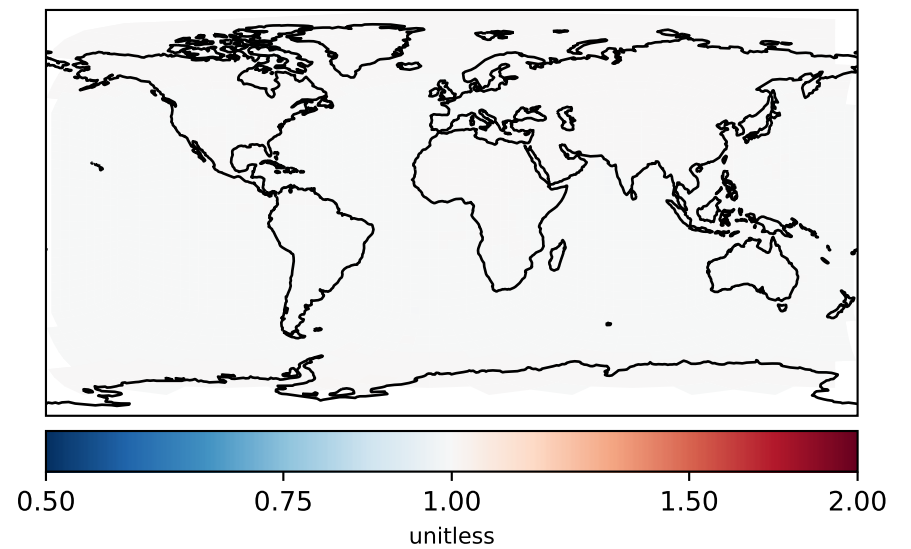
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



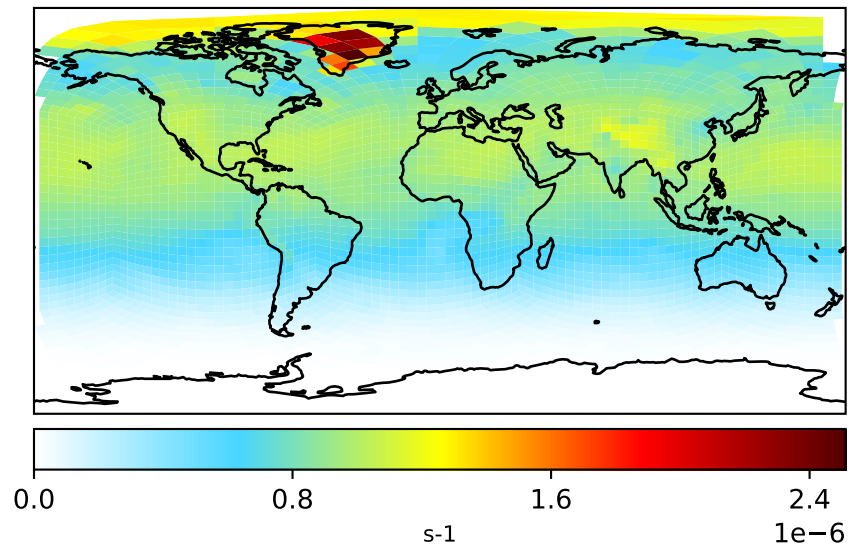
Ratio  
Dev/Ref, Fixed Range



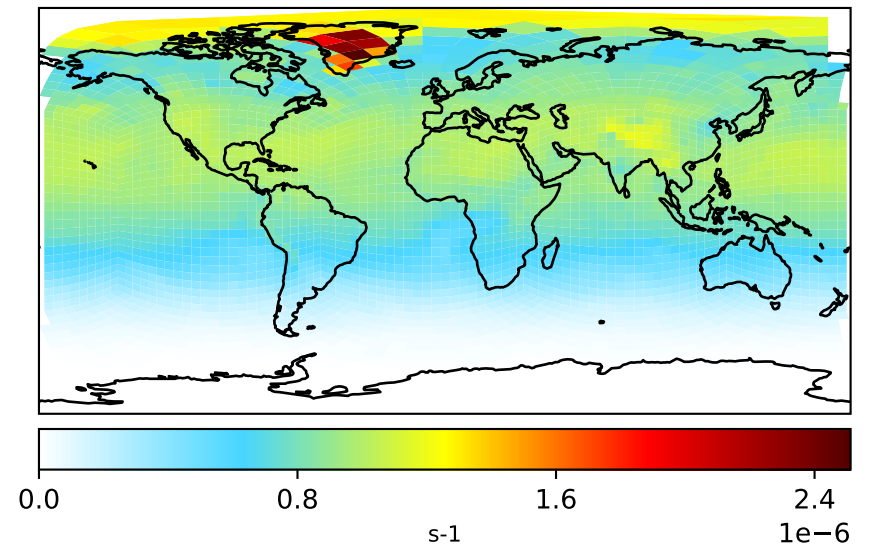


# Jval\_ETP

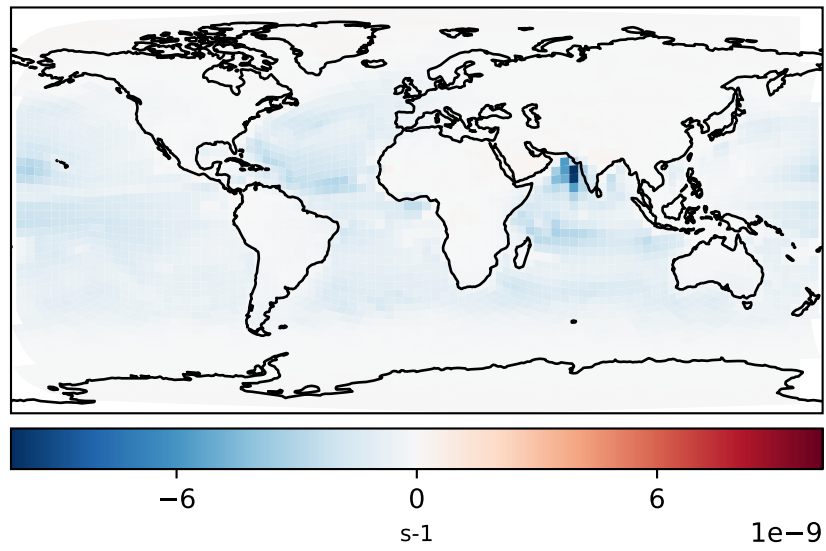
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



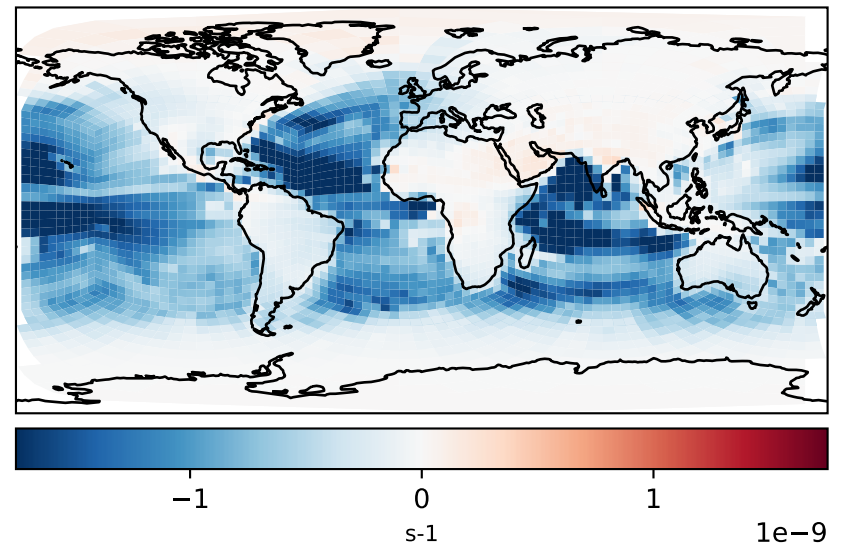
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



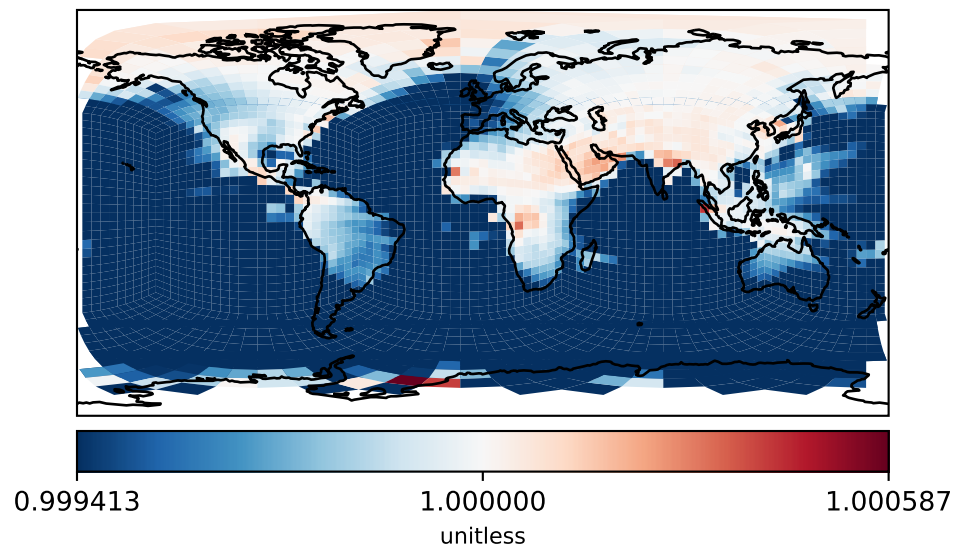
Difference  
Dev - Ref, Dynamic Range



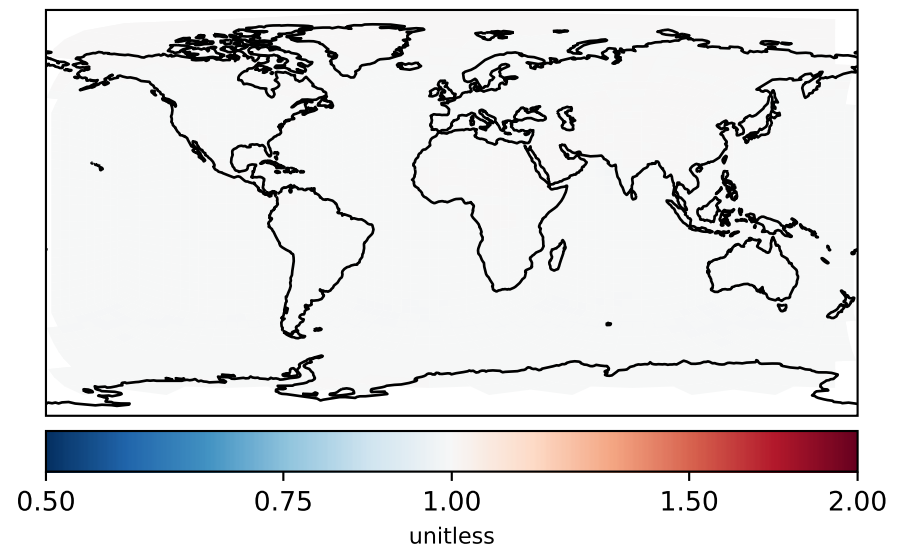
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

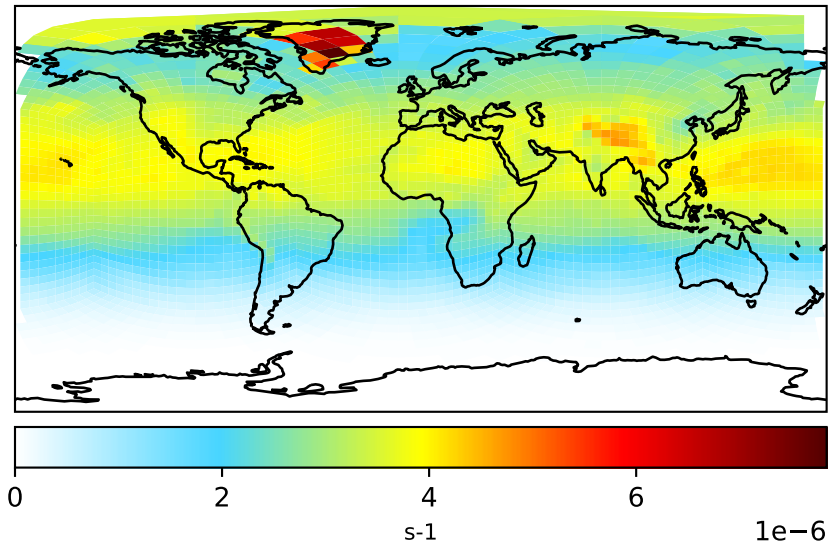


Ratio  
Dev/Ref, Fixed Range

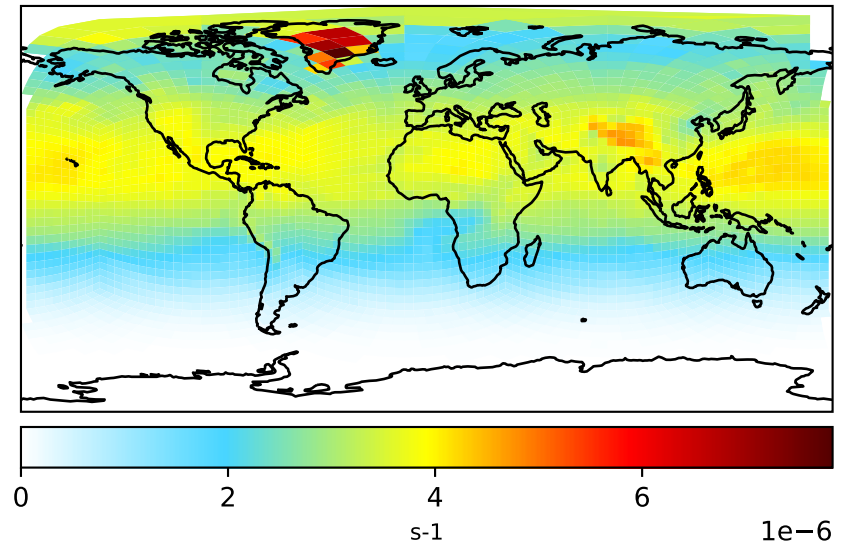


# Jval\_GLYC

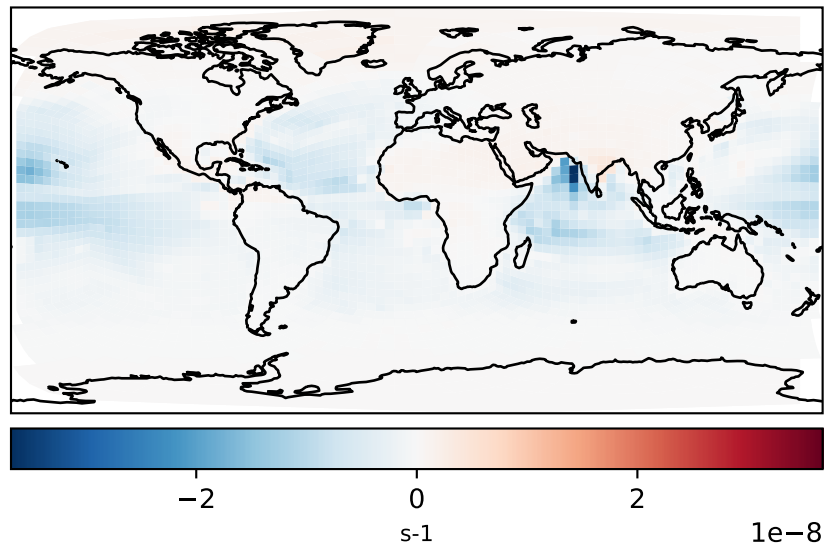
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



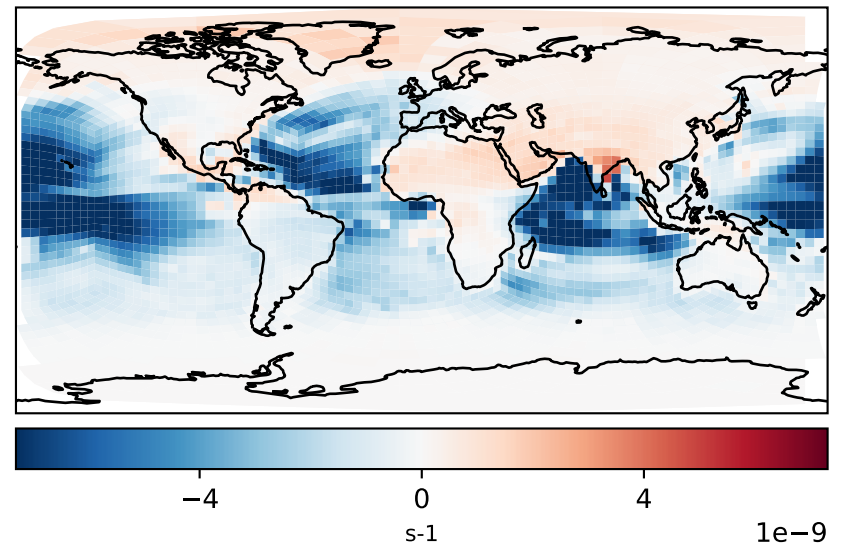
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



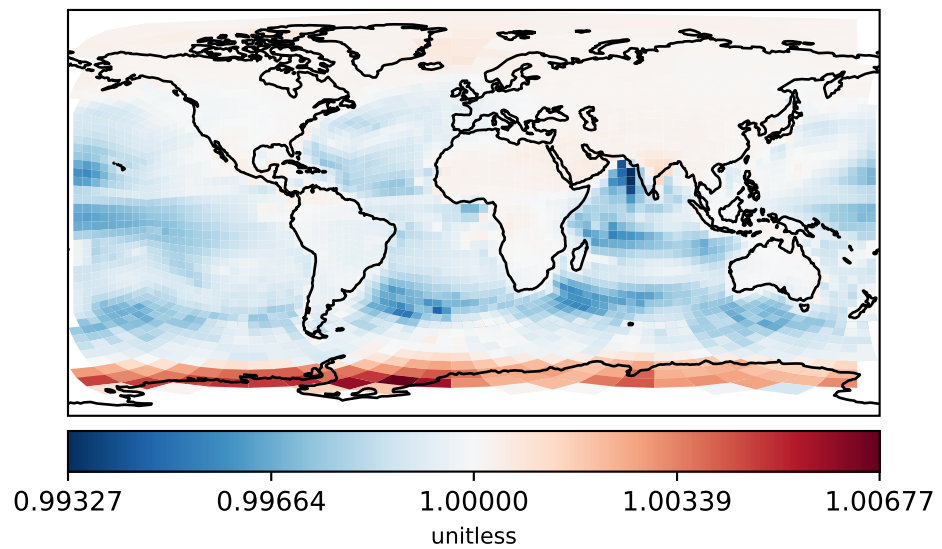
Difference  
Dev - Ref, Dynamic Range



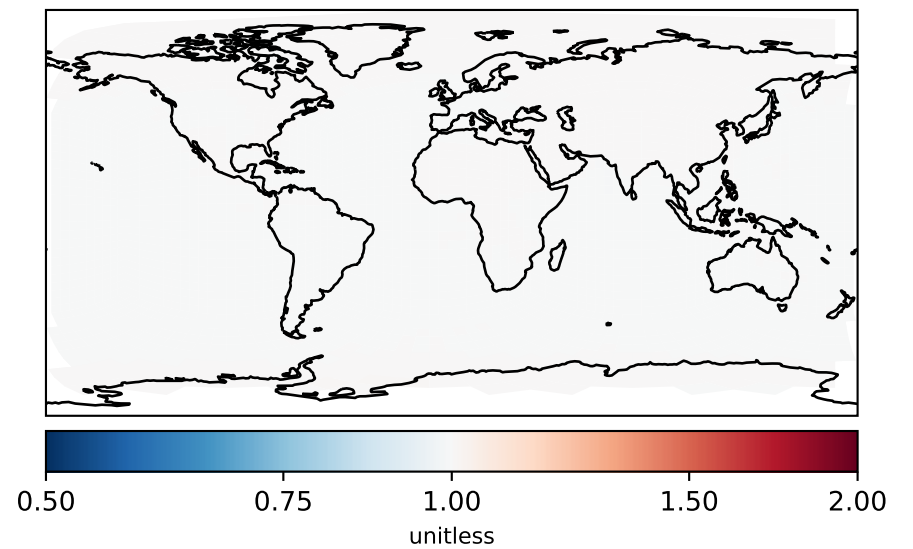
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



Ratio  
Dev/Ref, Fixed Range

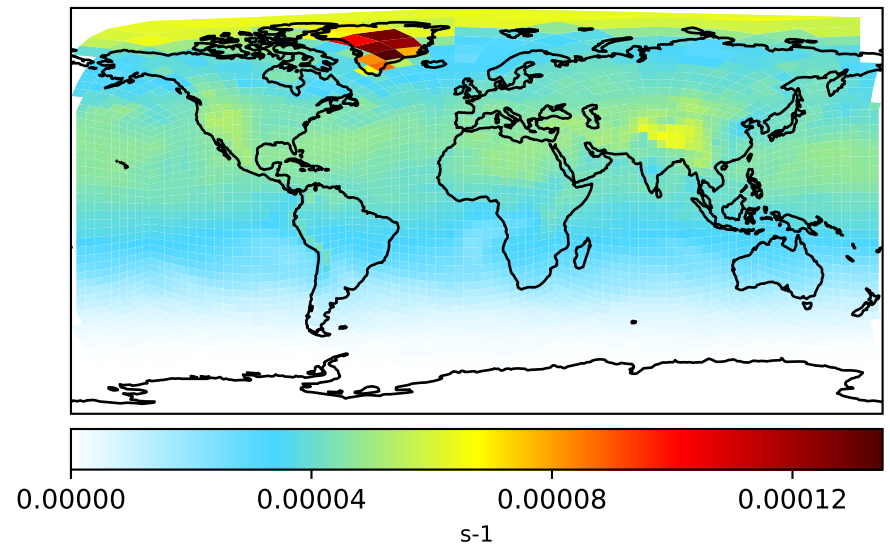


# Jval\_GLYX

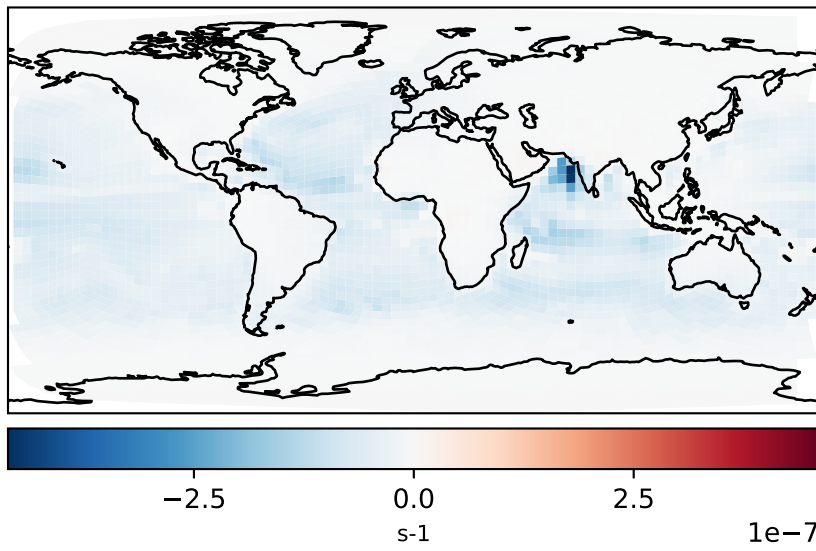
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



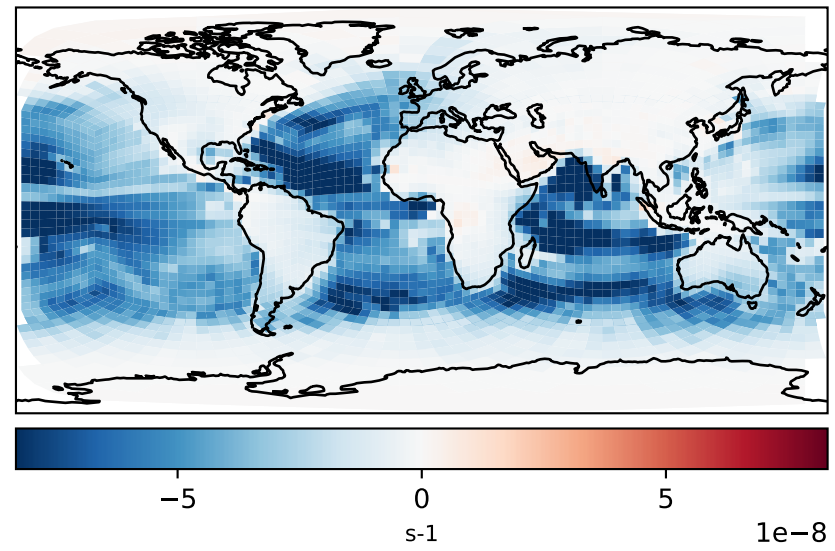
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



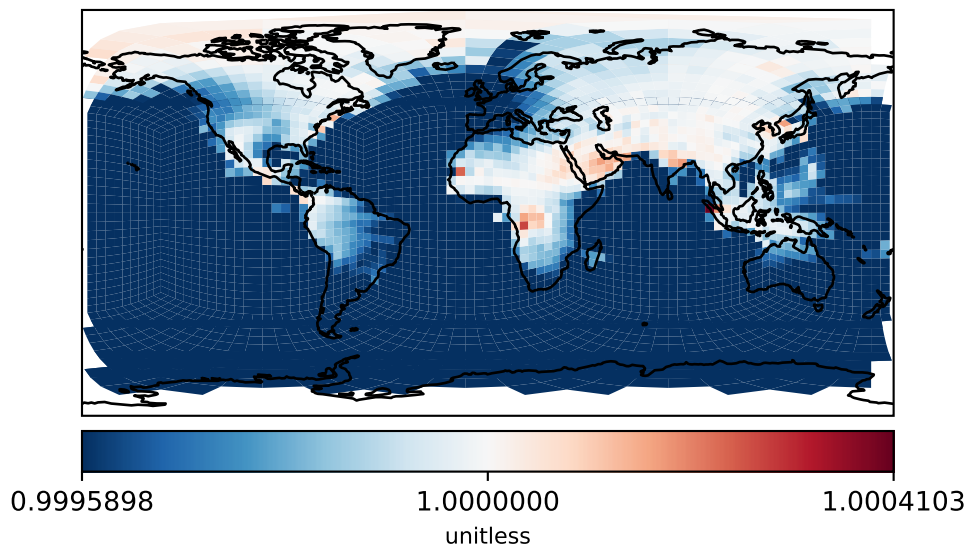
Difference  
Dev - Ref, Dynamic Range



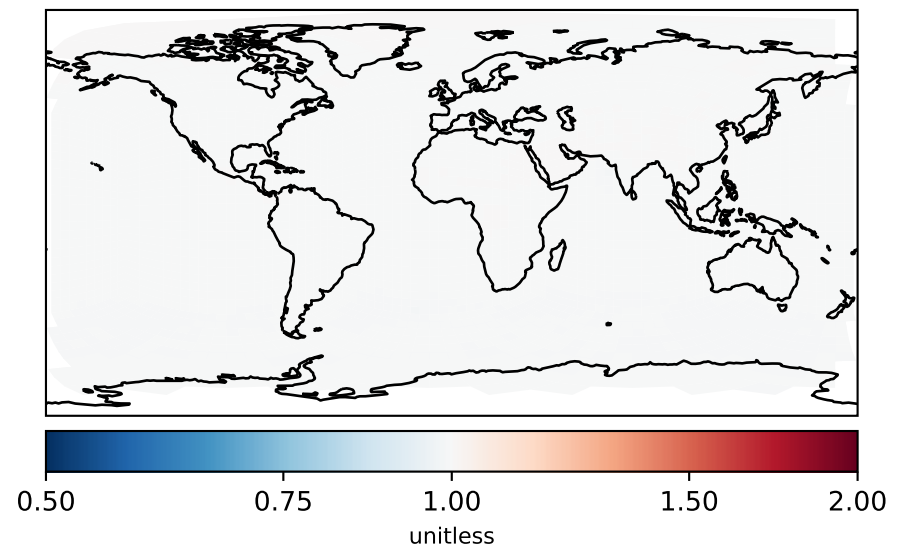
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

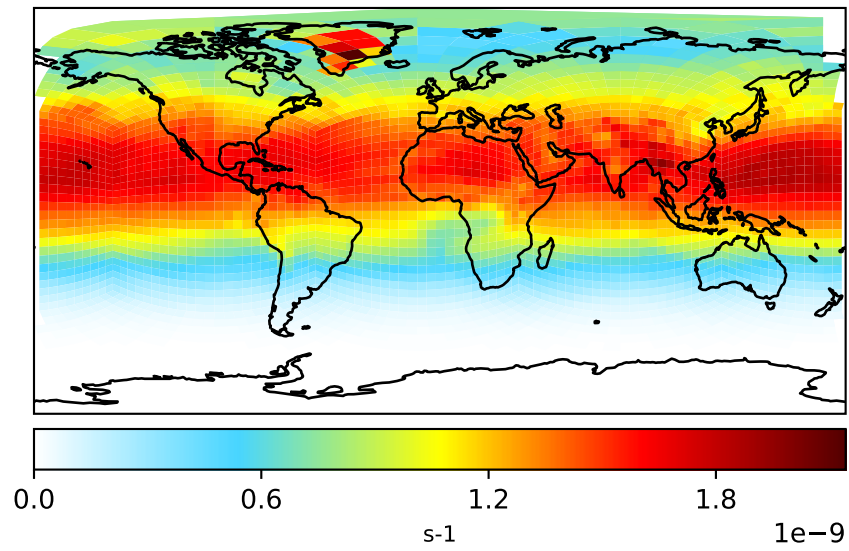


Ratio  
Dev/Ref, Fixed Range

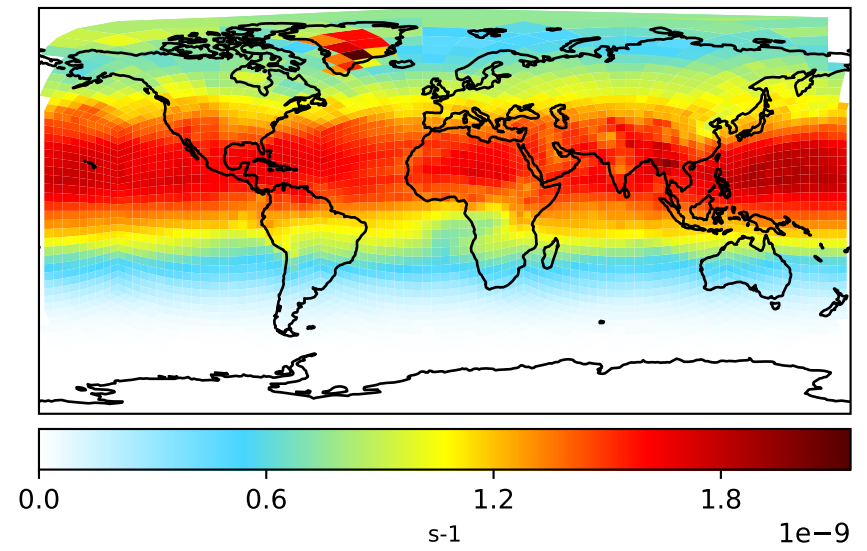


# Jval\_H1211

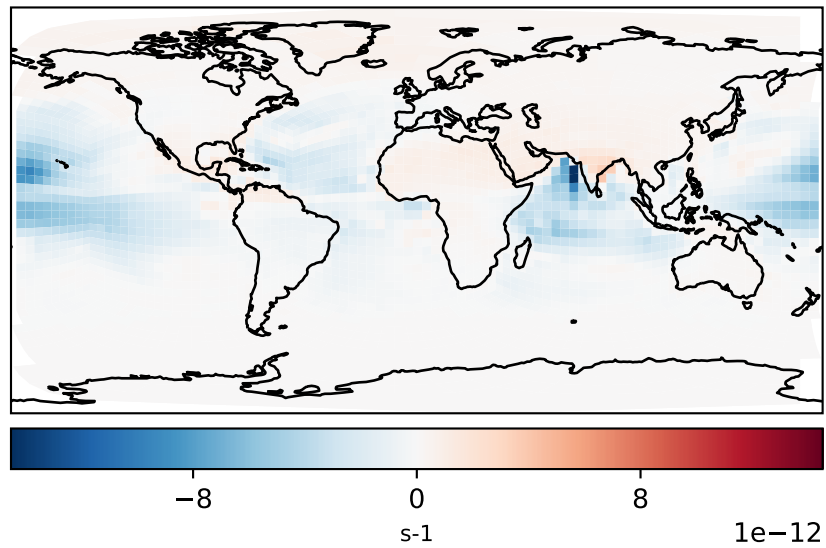
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



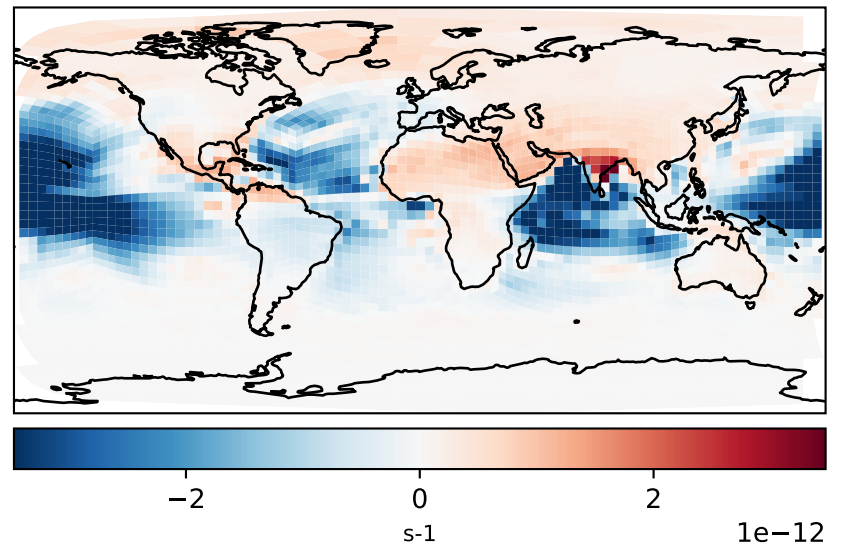
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



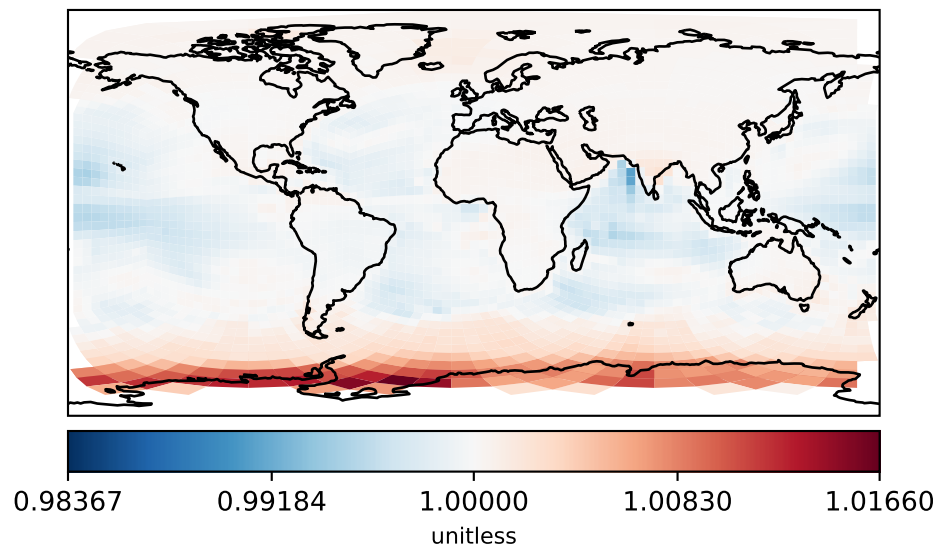
Difference  
Dev - Ref, Dynamic Range



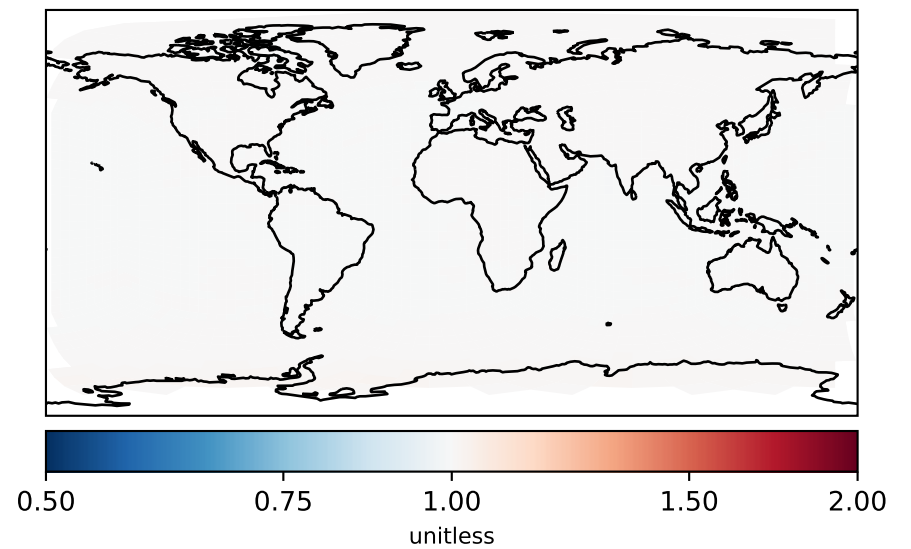
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

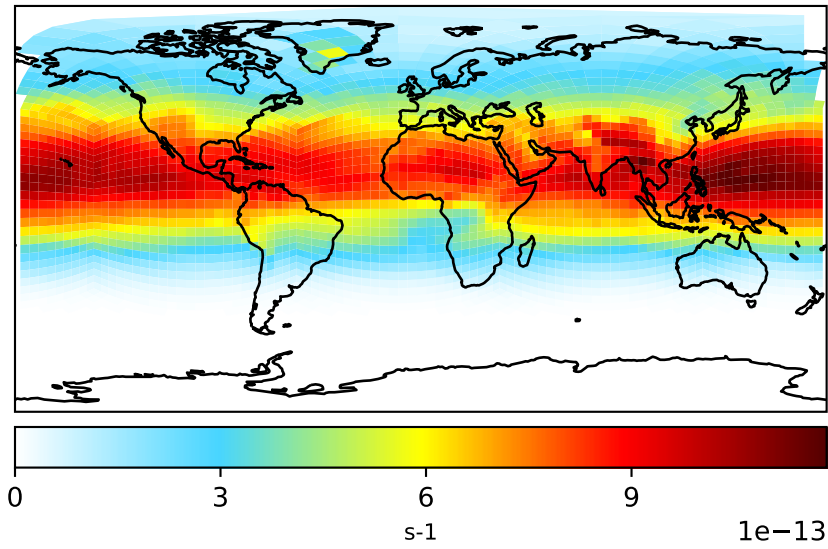


Ratio  
Dev/Ref, Fixed Range

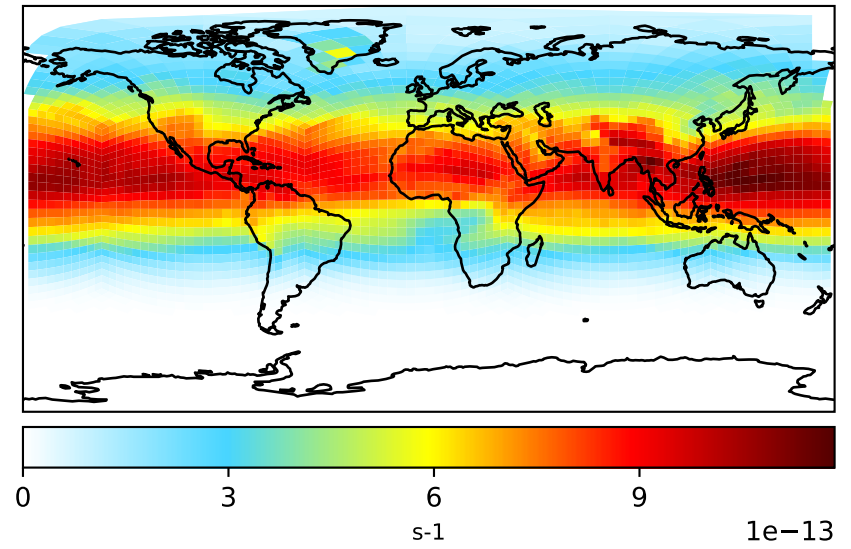


# Jval\_H1301

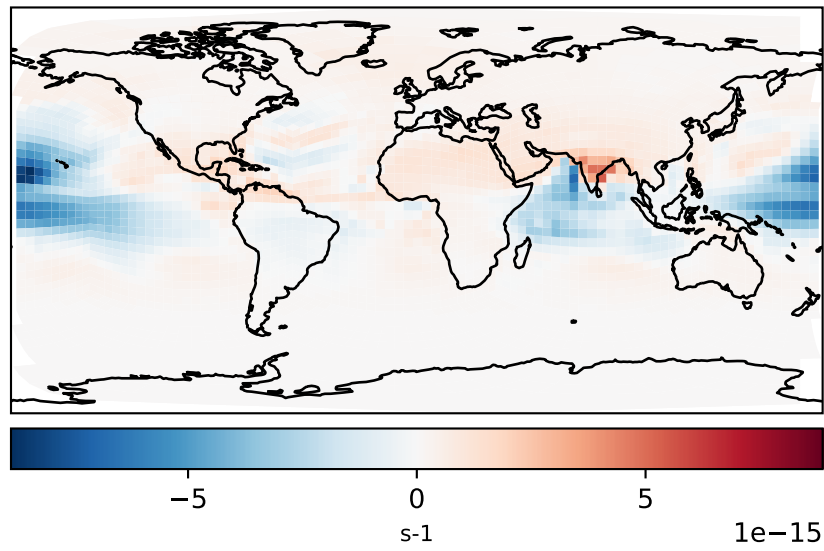
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



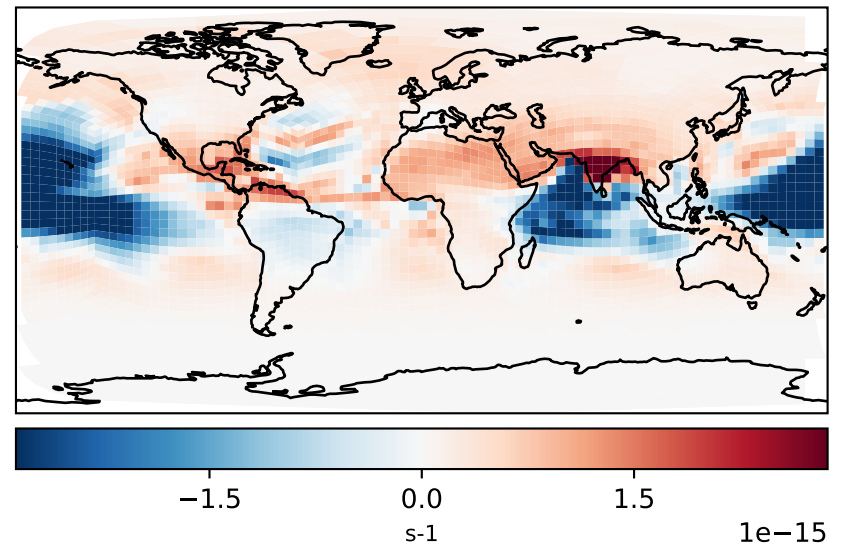
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



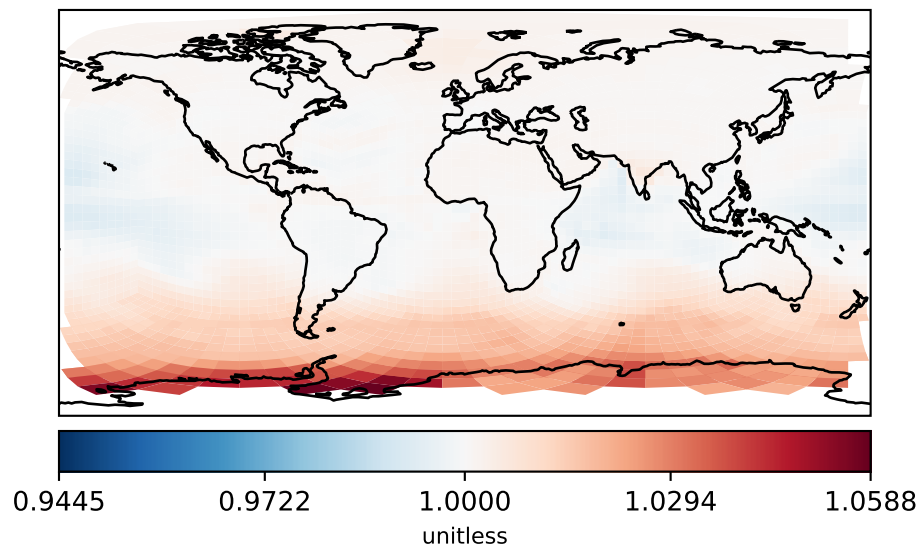
Difference  
Dev - Ref, Dynamic Range



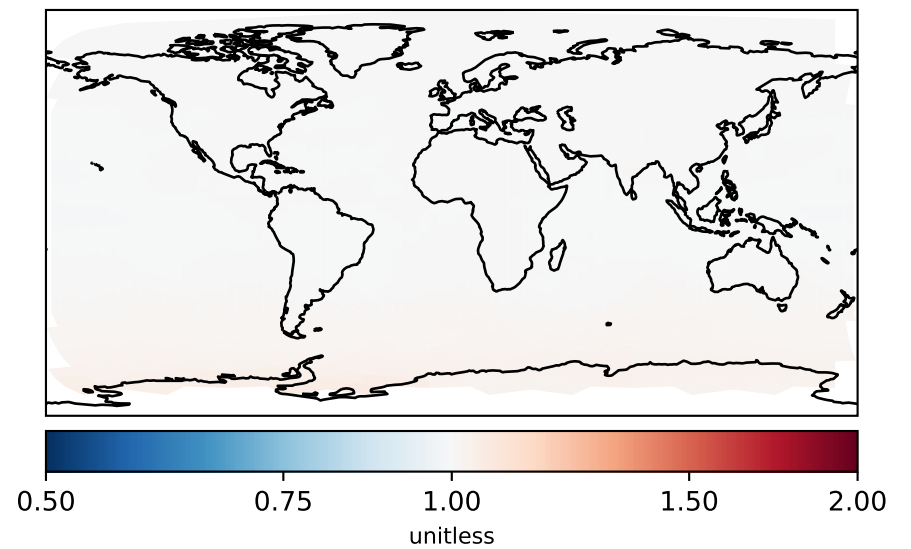
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

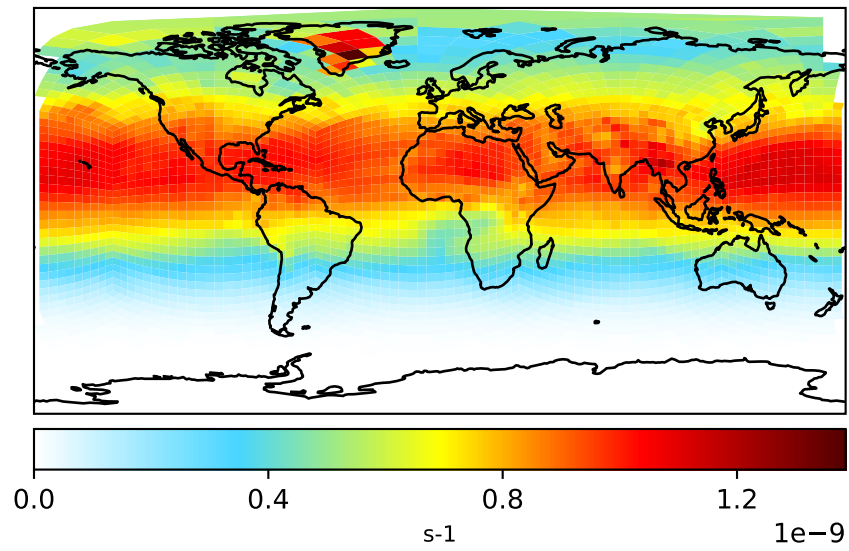


Ratio  
Dev/Ref, Fixed Range

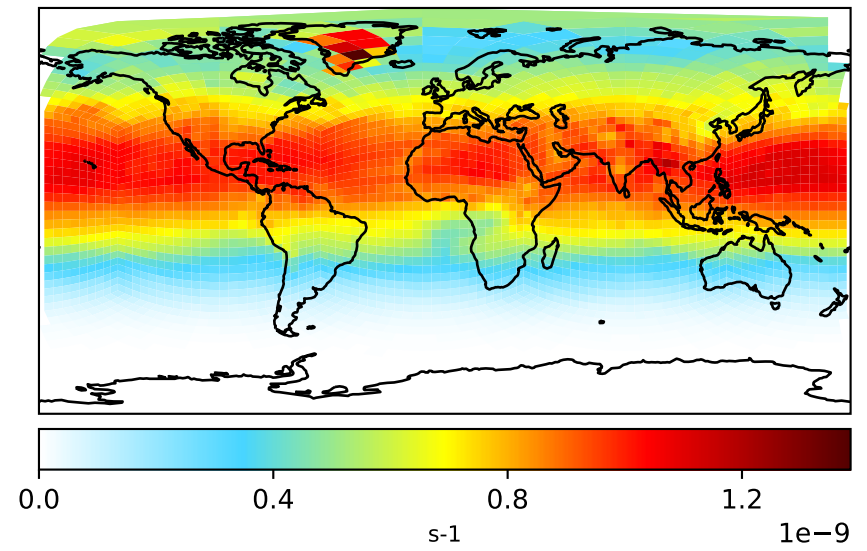


# Jval\_H2402

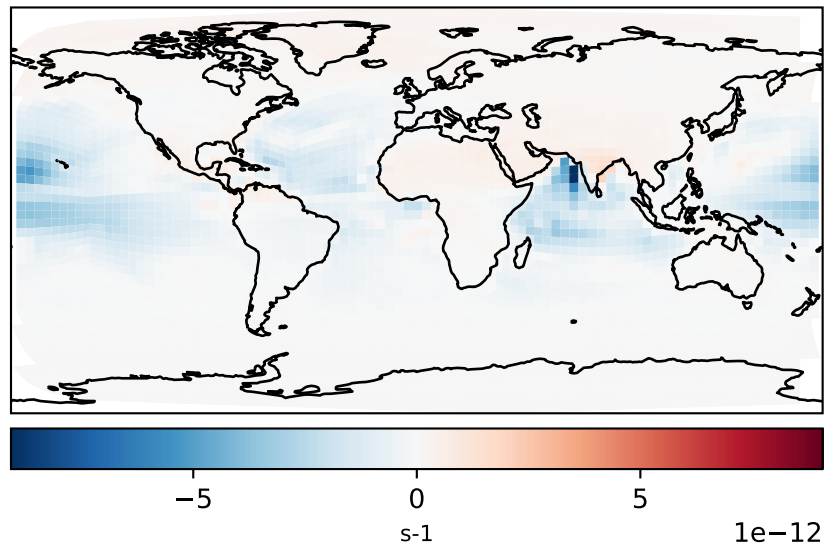
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



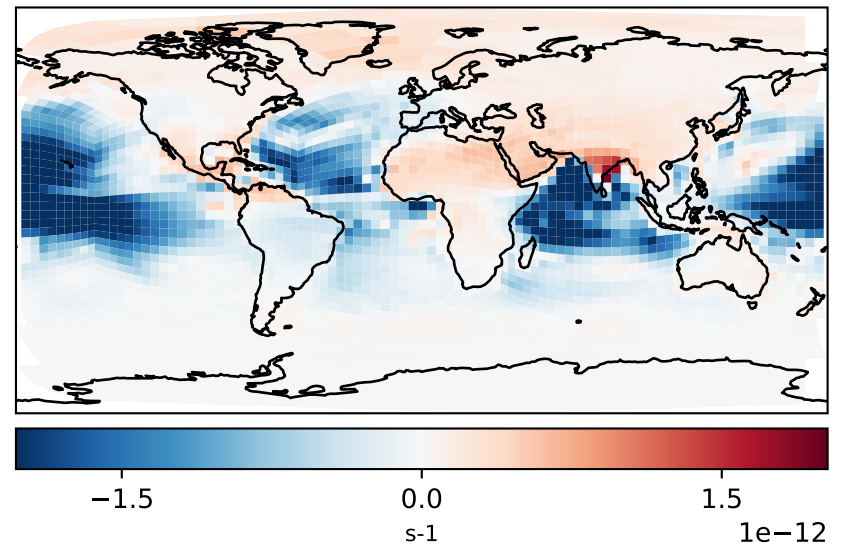
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



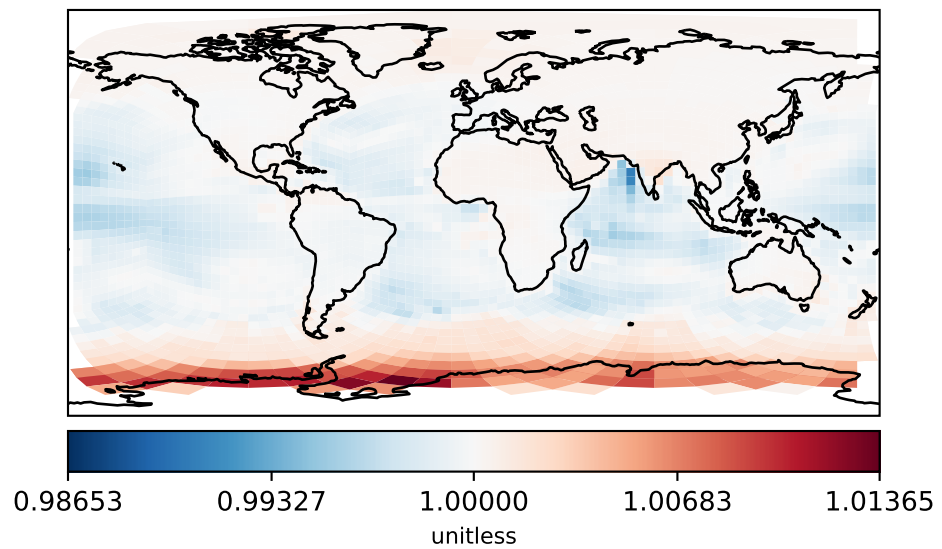
Difference  
Dev - Ref, Dynamic Range



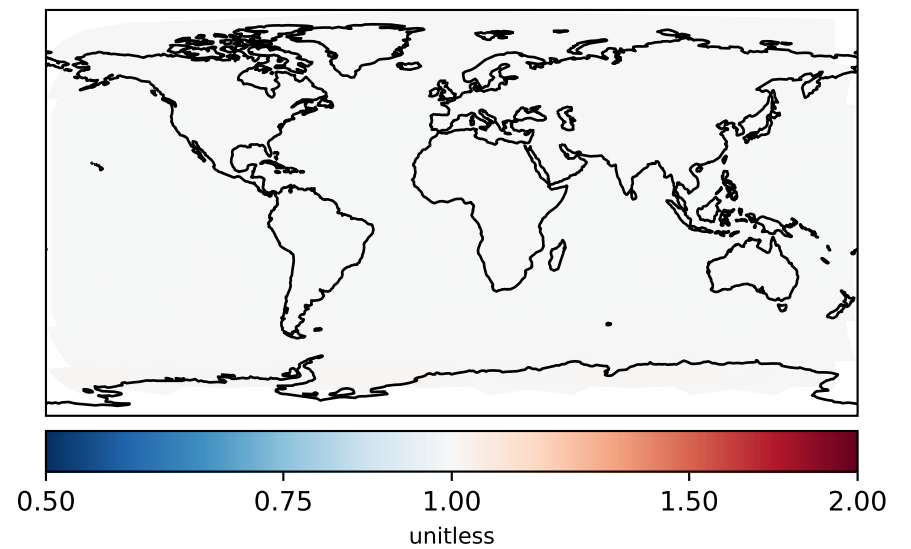
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

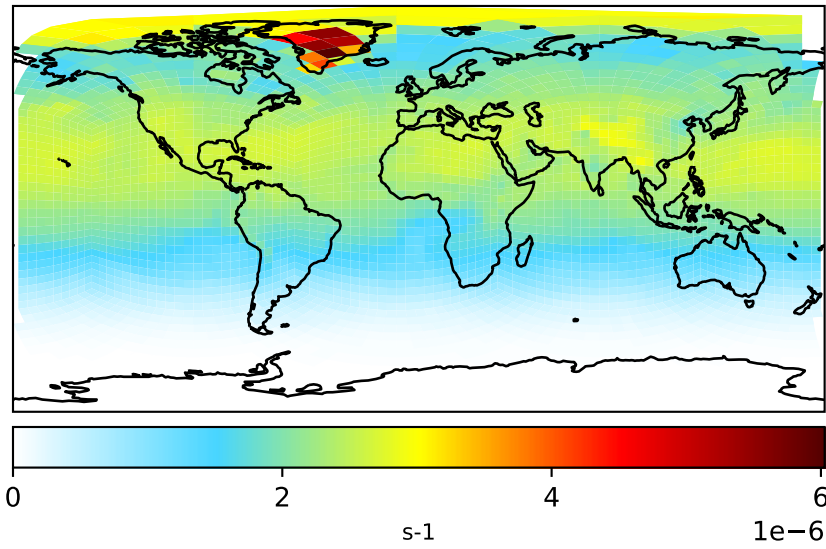


Ratio  
Dev/Ref, Fixed Range

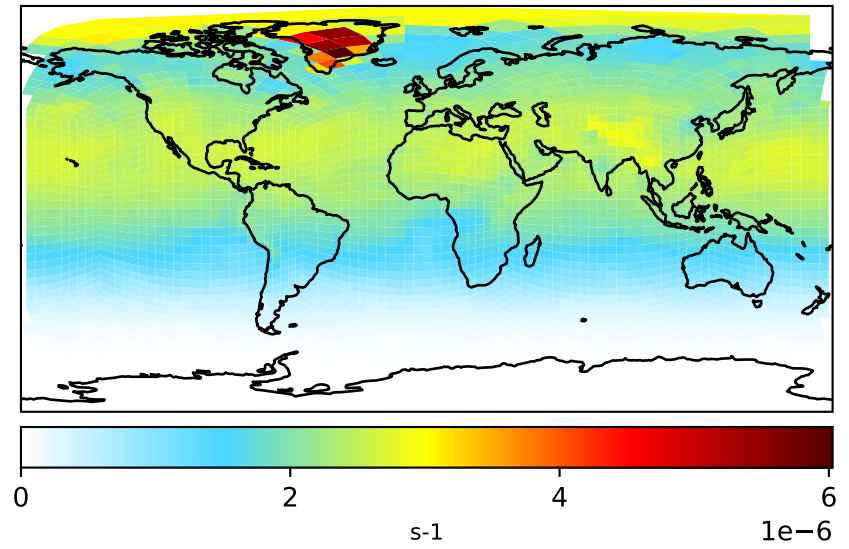


# Jval\_H2O2

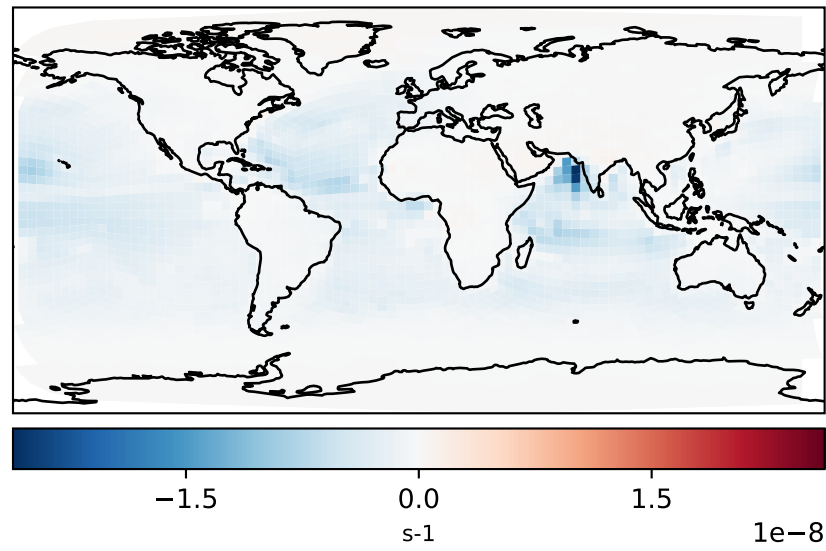
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



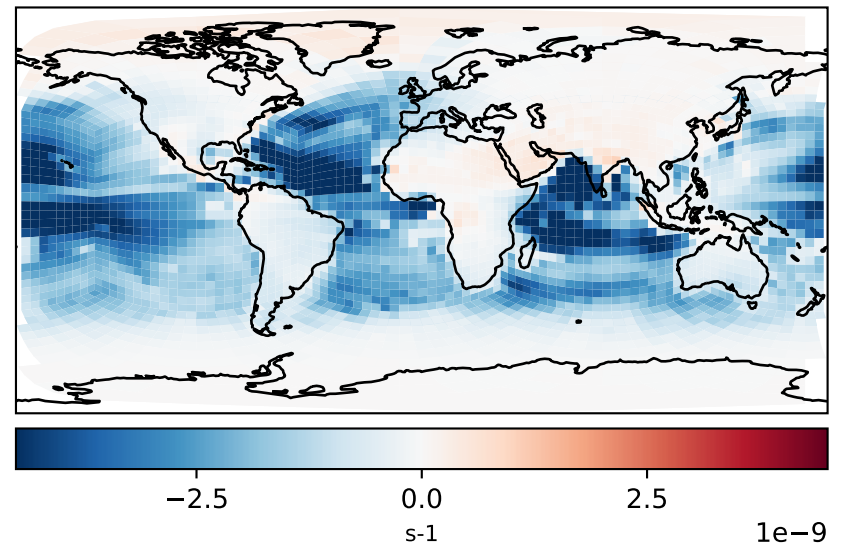
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



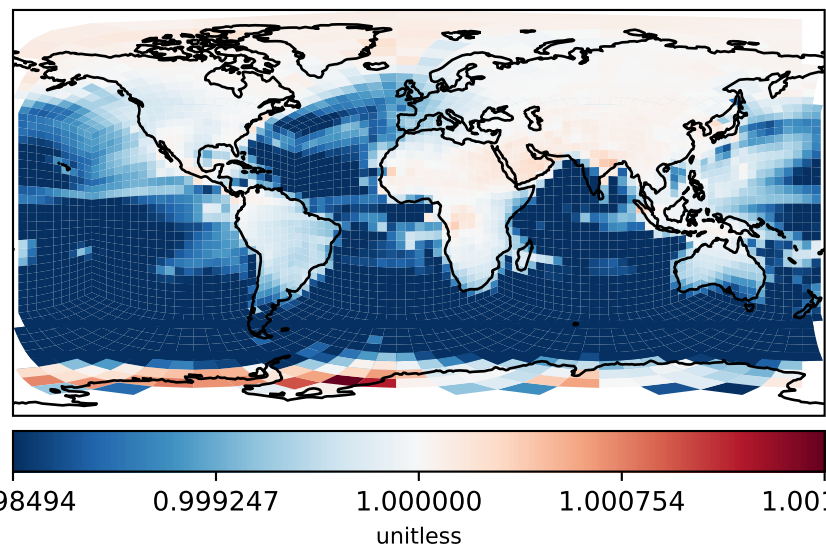
Difference  
Dev - Ref, Dynamic Range



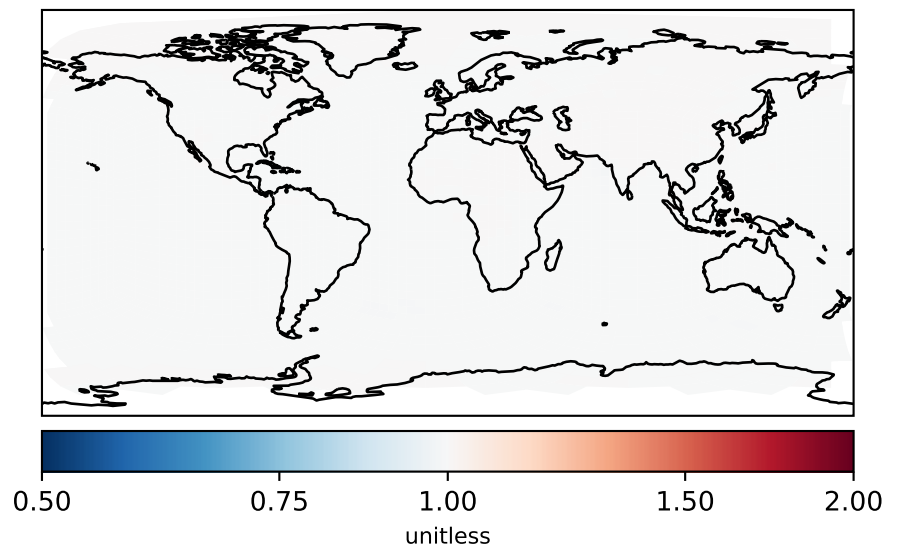
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

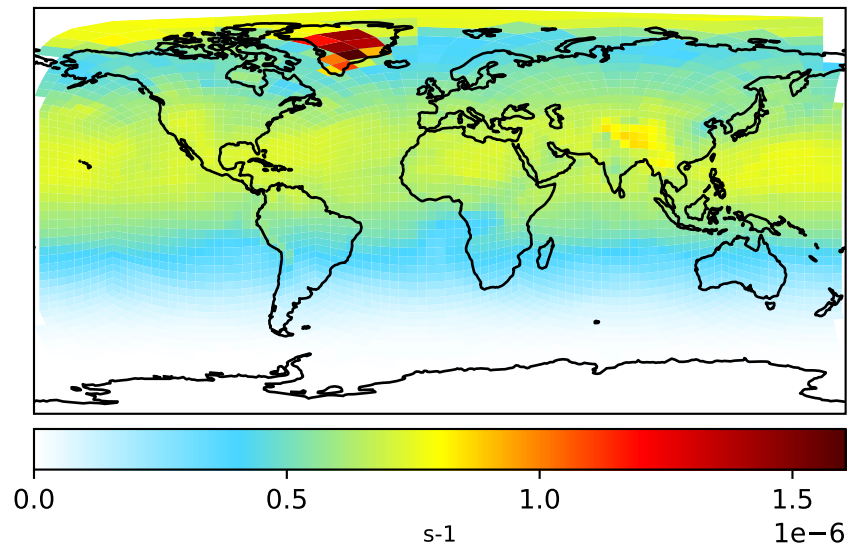


Ratio  
Dev/Ref, Fixed Range

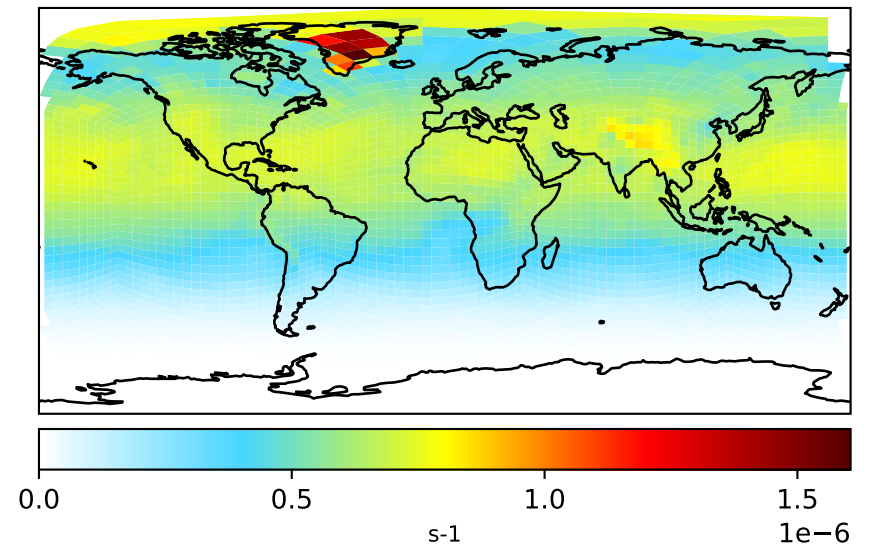


# Jval\_HAC

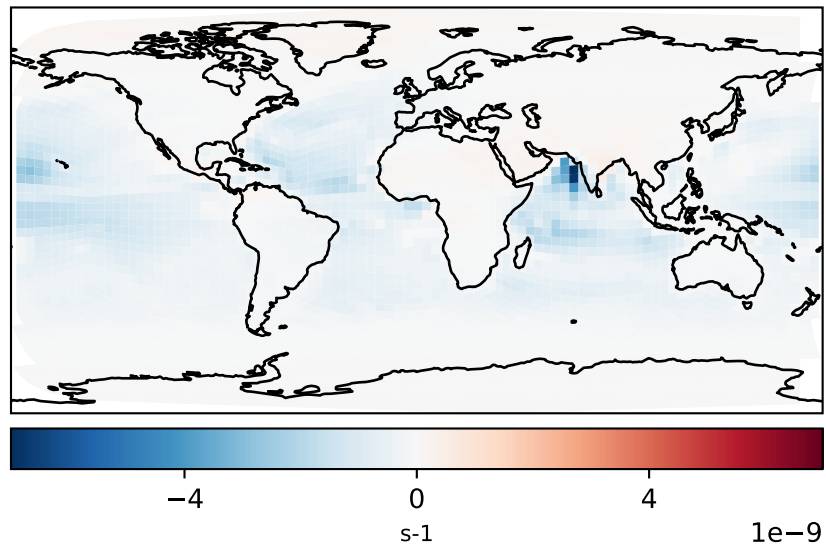
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



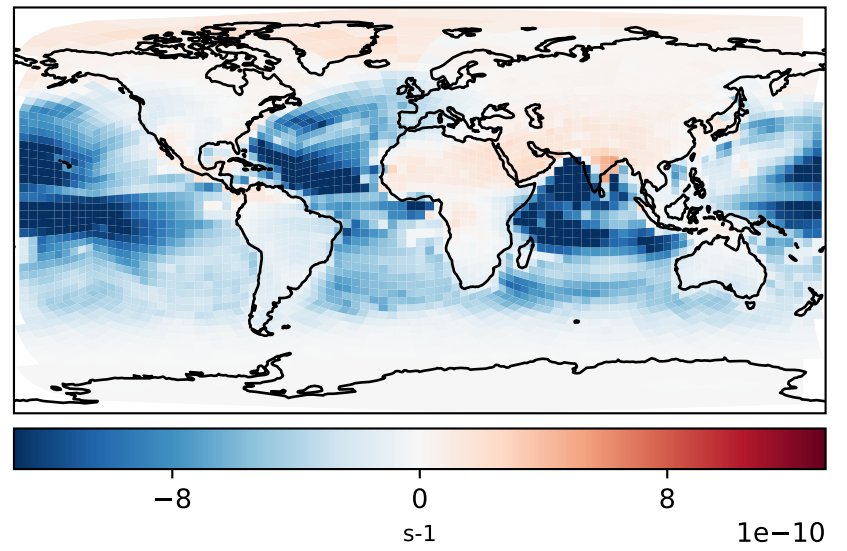
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



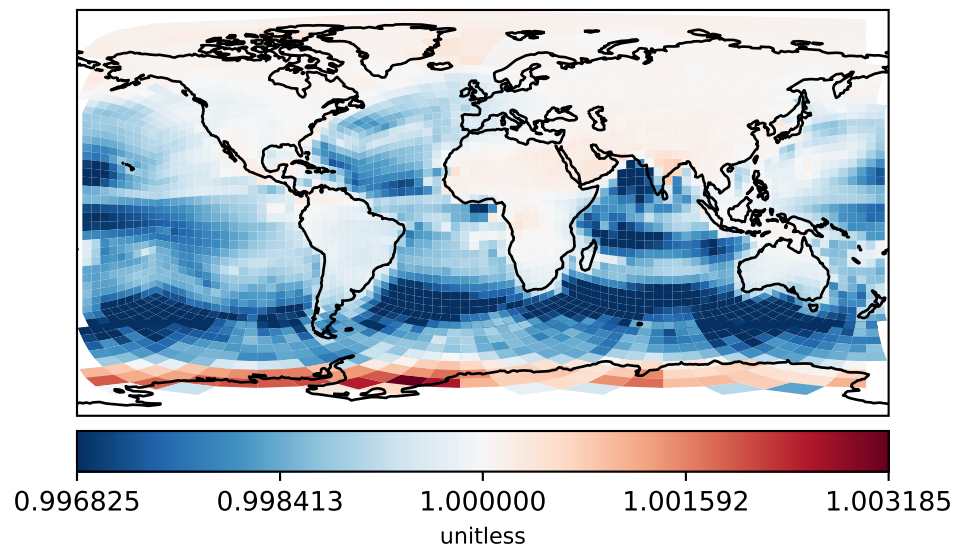
Difference  
Dev - Ref, Dynamic Range



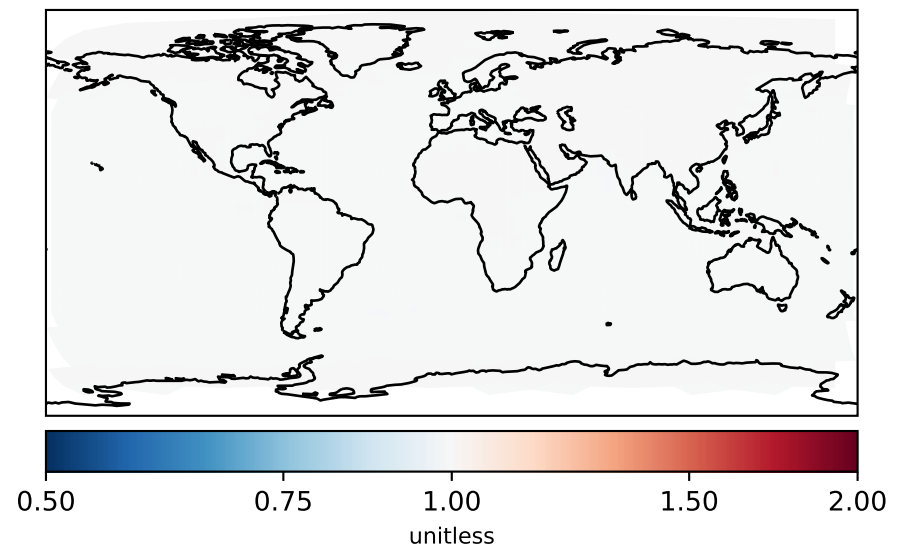
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



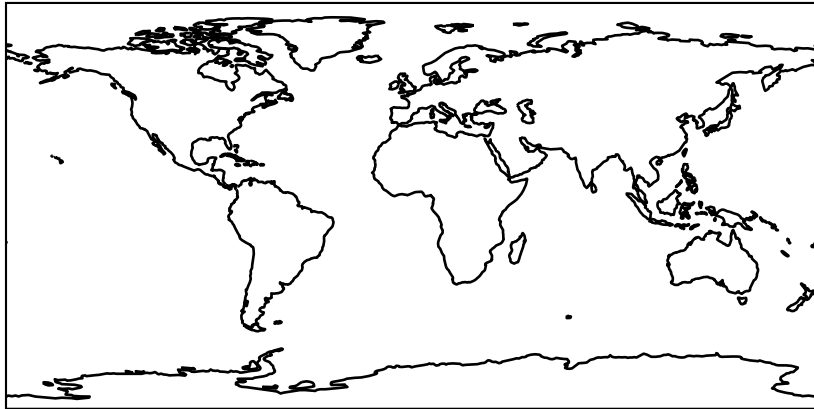
Ratio  
Dev/Ref, Fixed Range





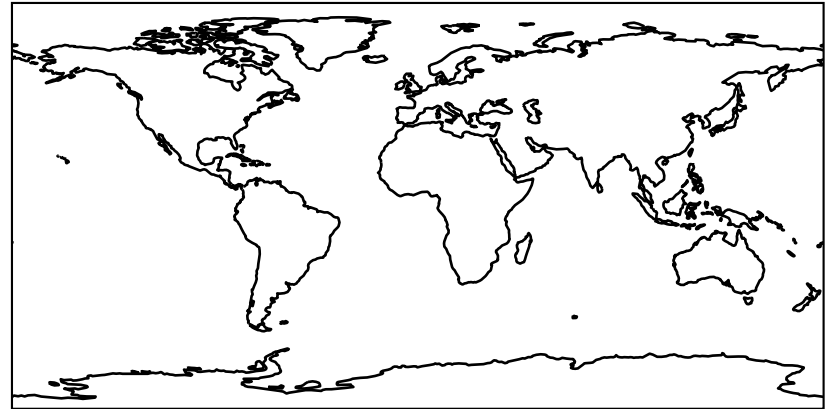
# Jval\_HC5A

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



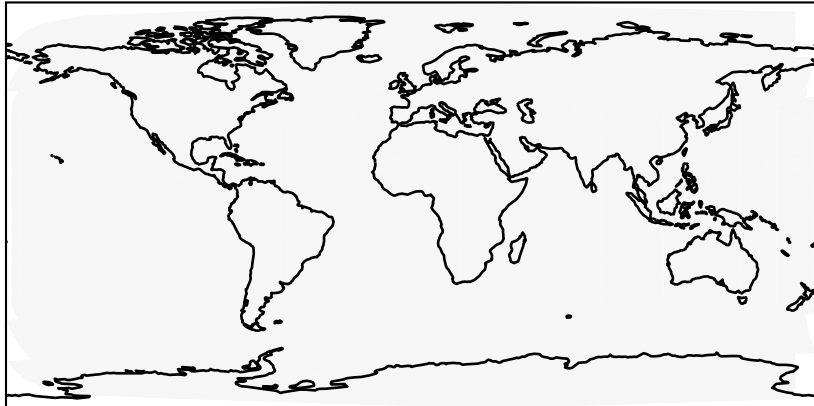
Zero throughout domain  
s-1

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



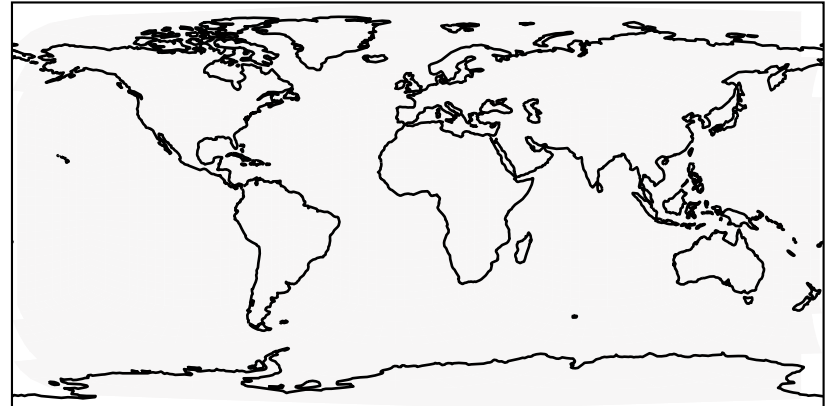
Zero throughout domain  
s-1

Difference  
Dev - Ref, Dynamic Range



Zero throughout domain  
s-1

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



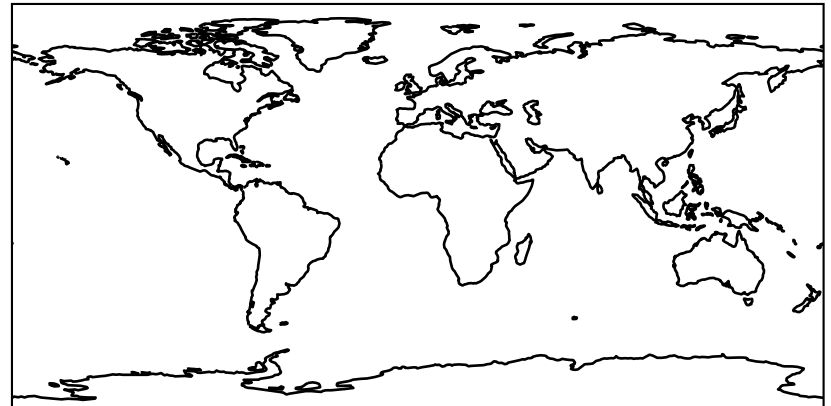
Zero throughout domain  
s-1

Ratio  
Dev/Ref, Dynamic Range



Undefined throughout domain  
unitless

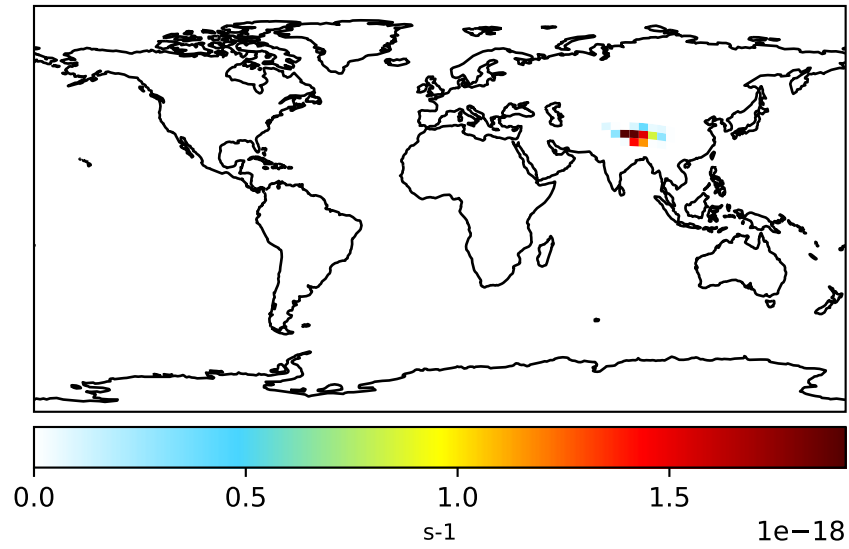
Ratio  
Dev/Ref, Fixed Range



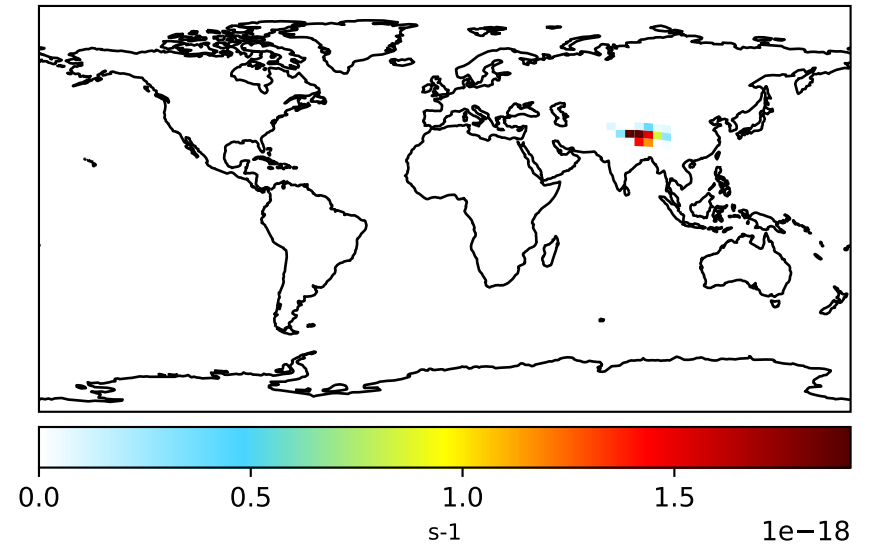
Undefined throughout domain  
unitless

# Jval\_HCFC123

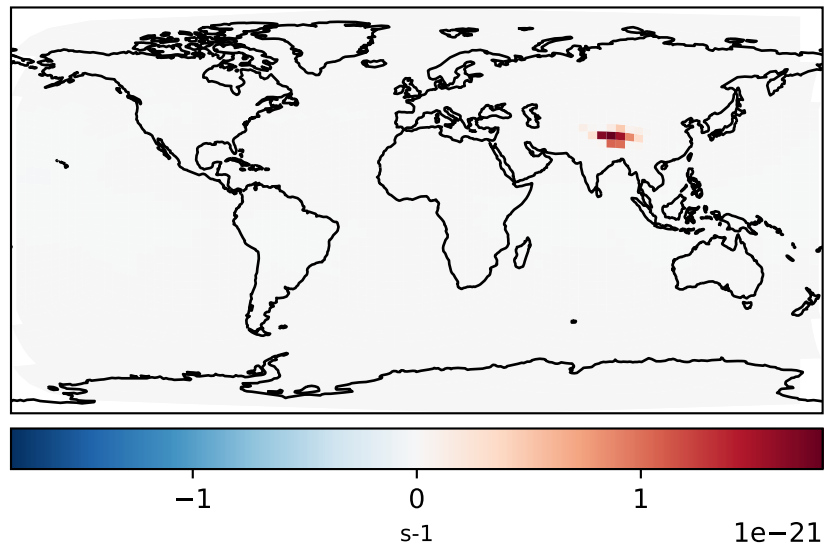
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



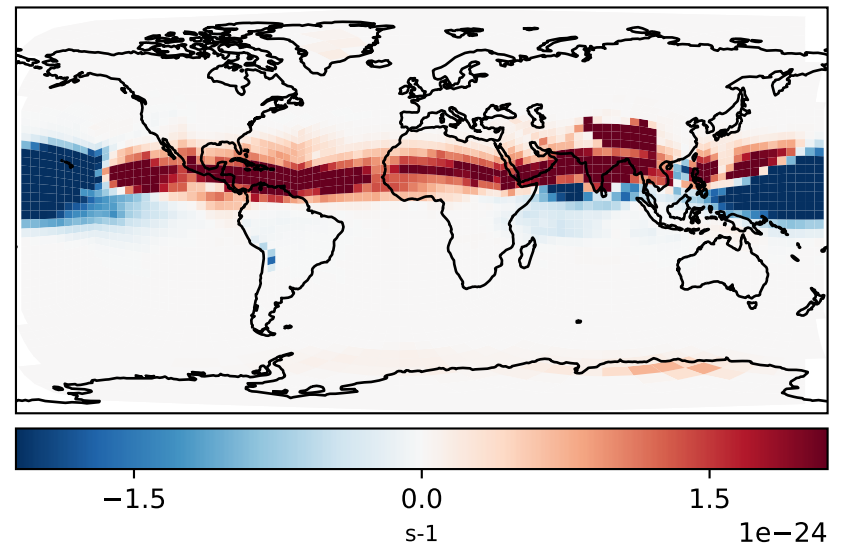
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



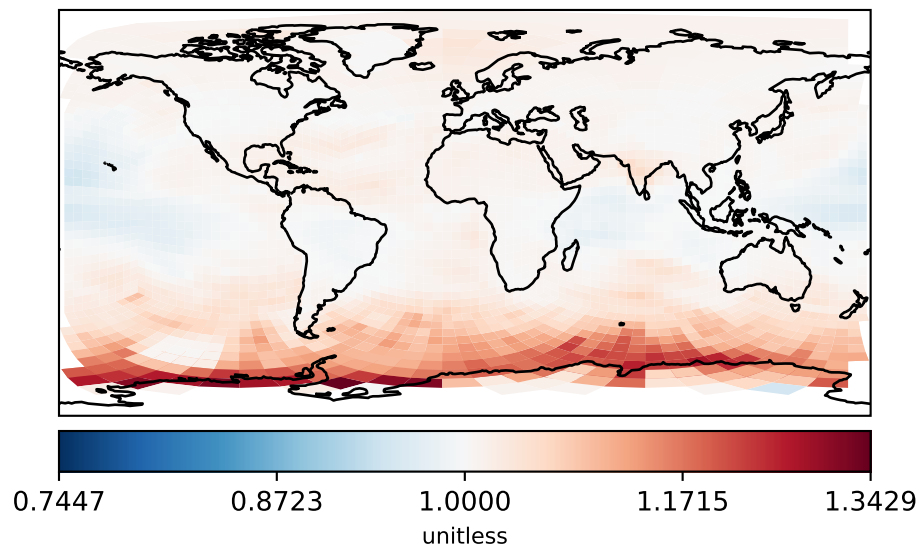
Difference  
Dev - Ref, Dynamic Range



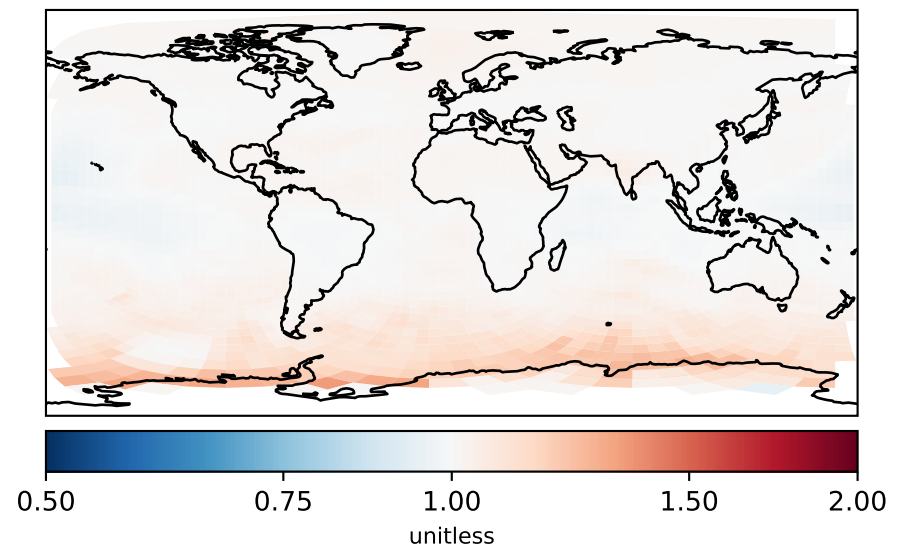
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

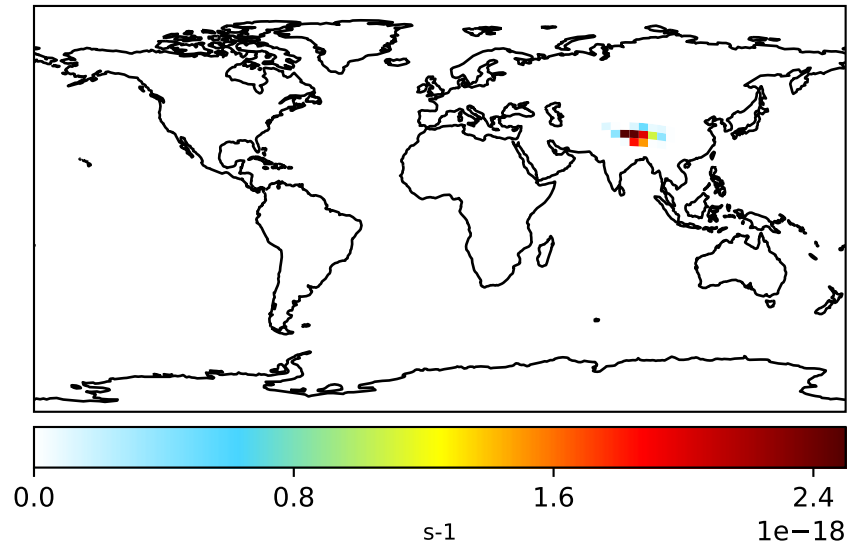


Ratio  
Dev/Ref, Fixed Range

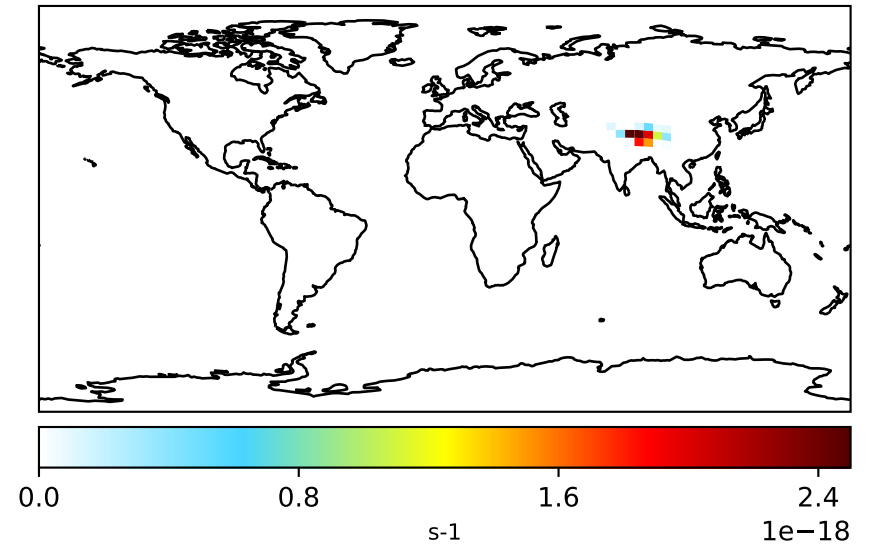


# Jval\_HCFC141b

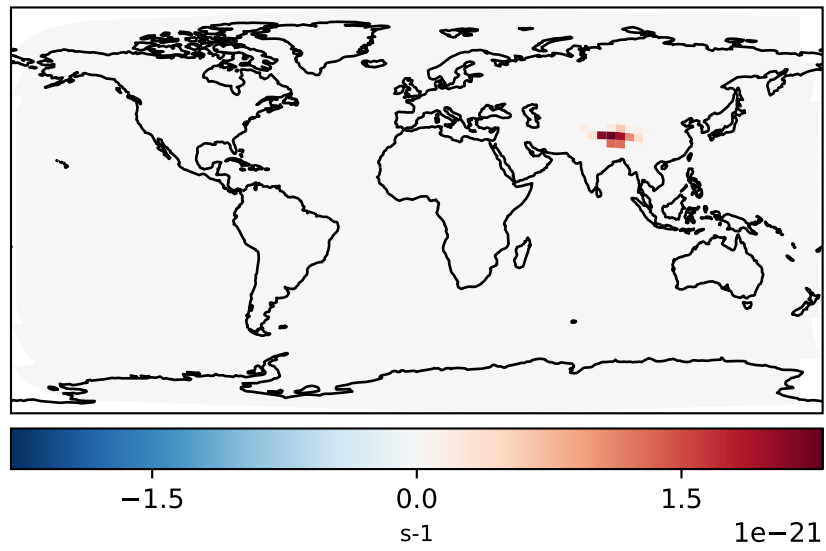
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



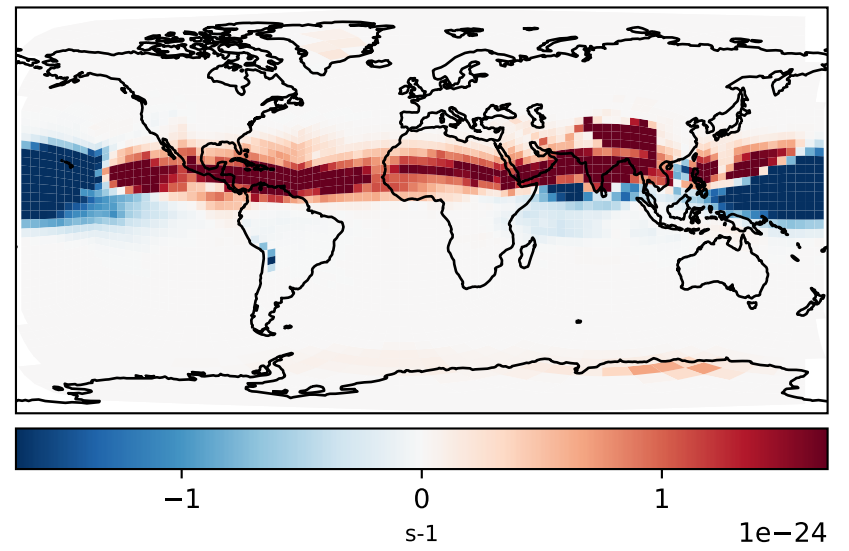
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



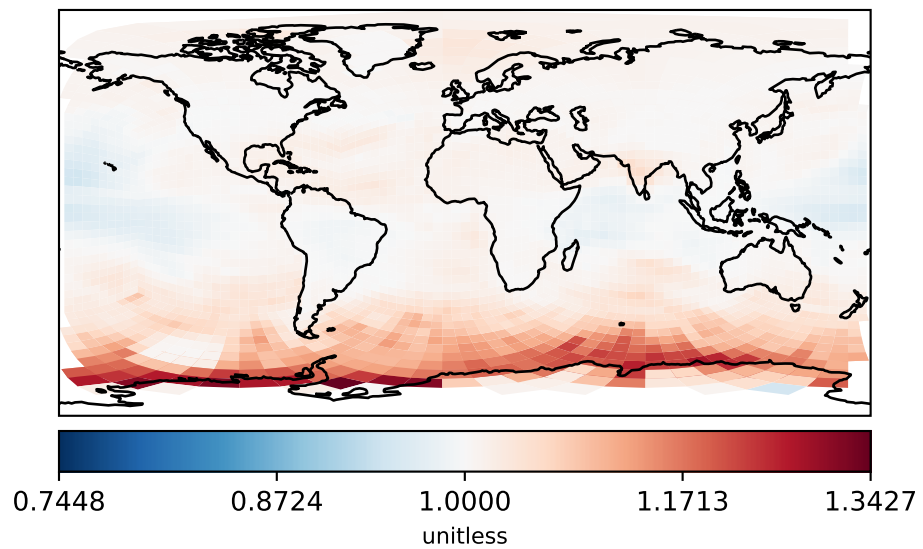
Difference  
Dev - Ref, Dynamic Range



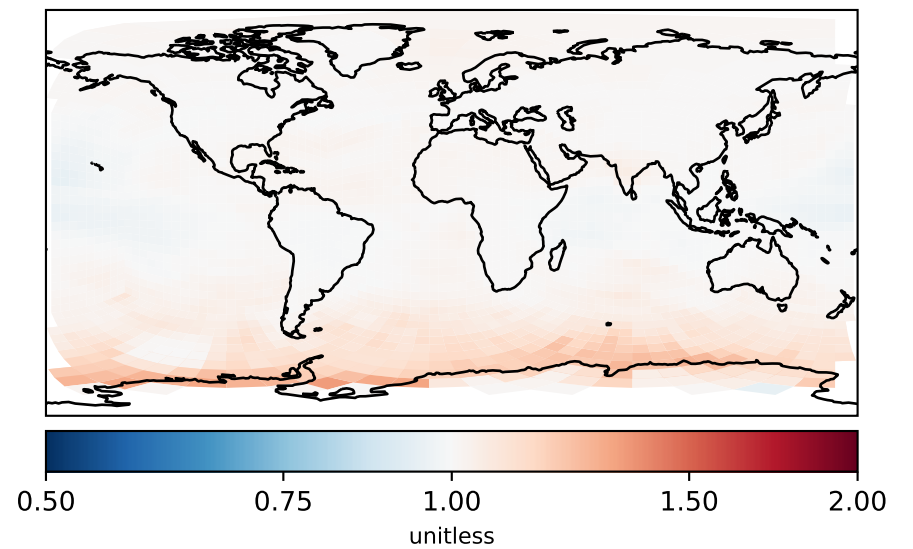
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

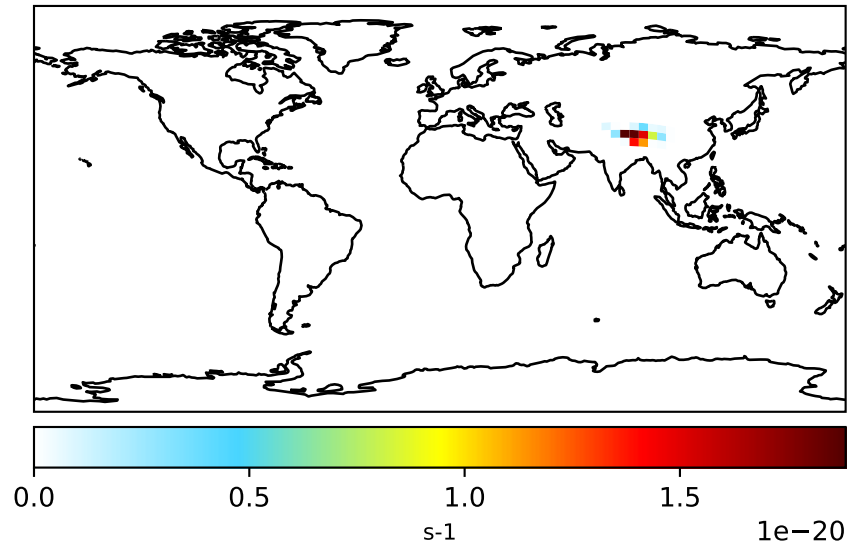


Ratio  
Dev/Ref, Fixed Range

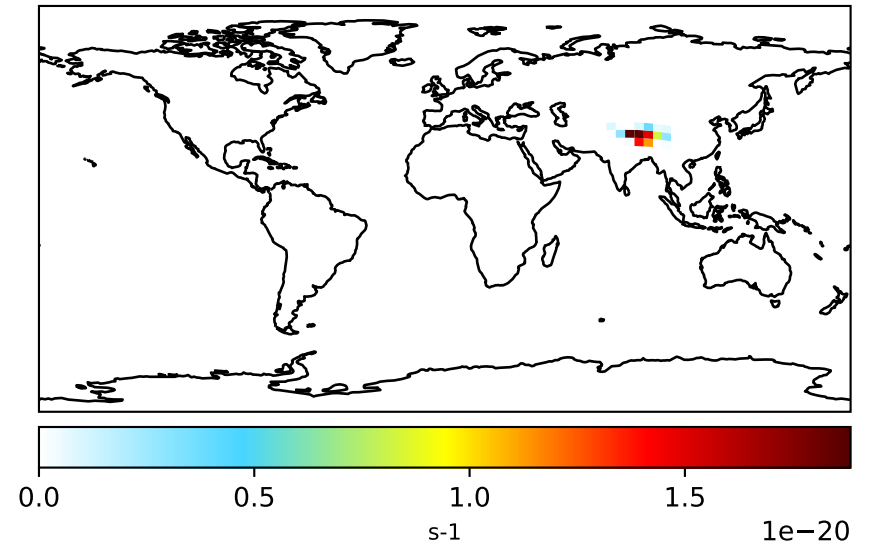


# Jval\_HCFC142b

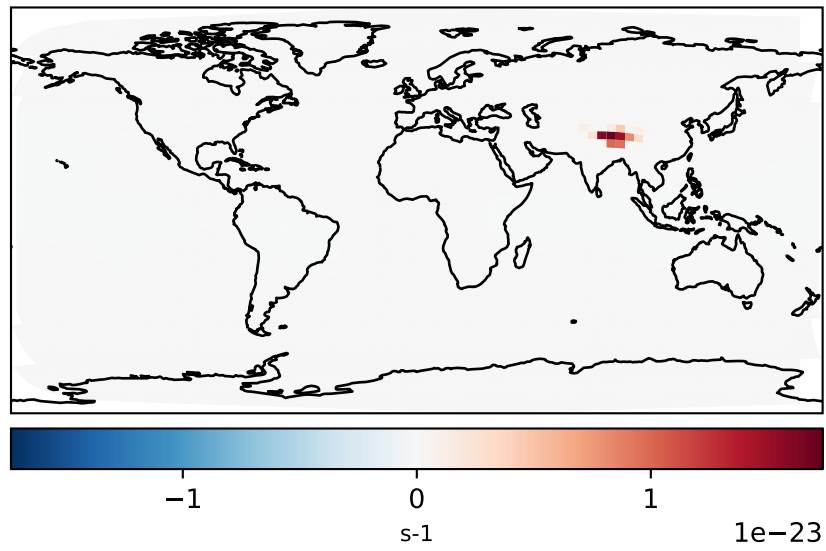
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



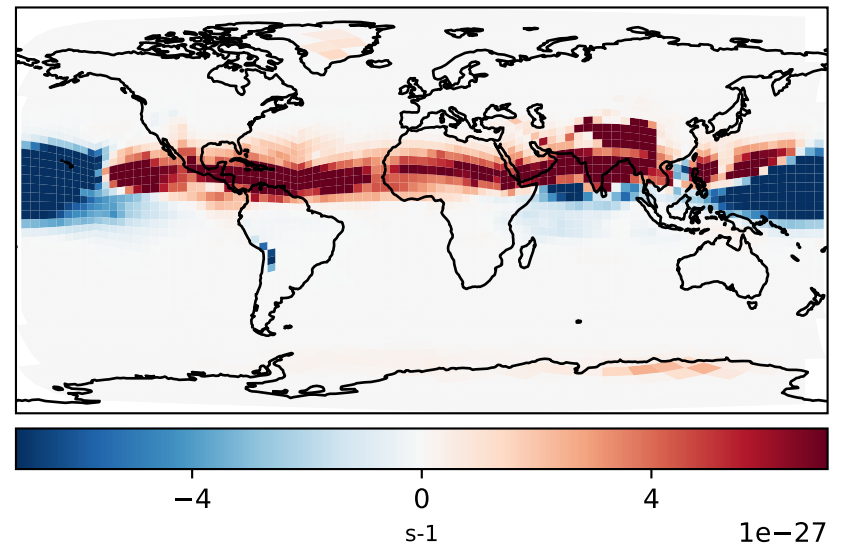
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



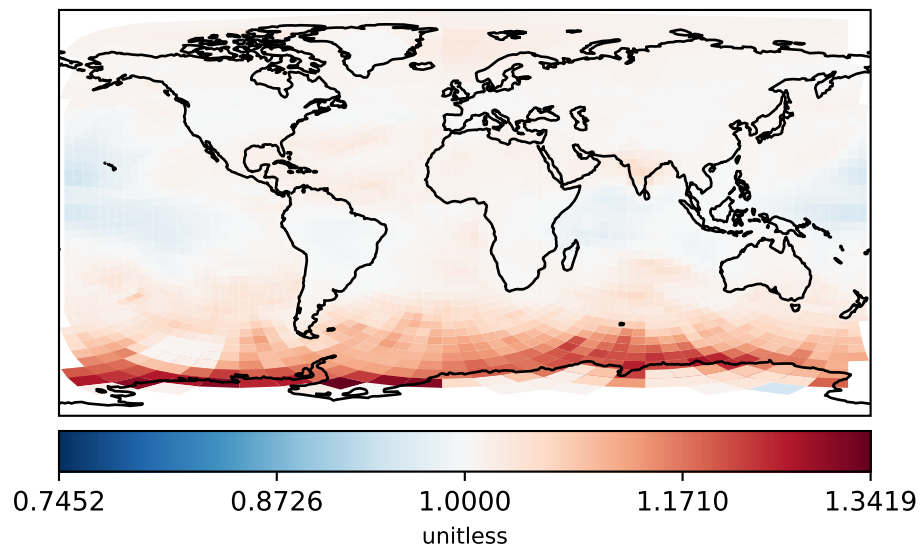
Difference  
Dev - Ref, Dynamic Range



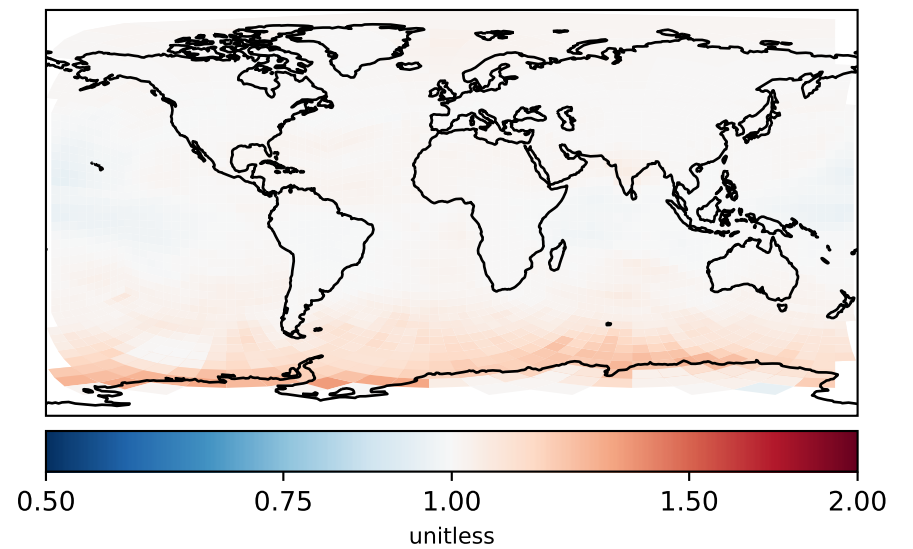
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

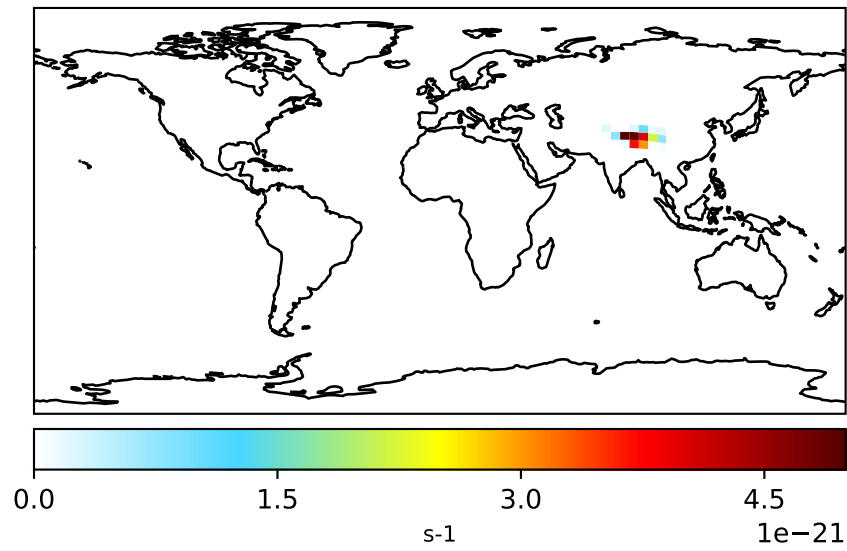


Ratio  
Dev/Ref, Fixed Range

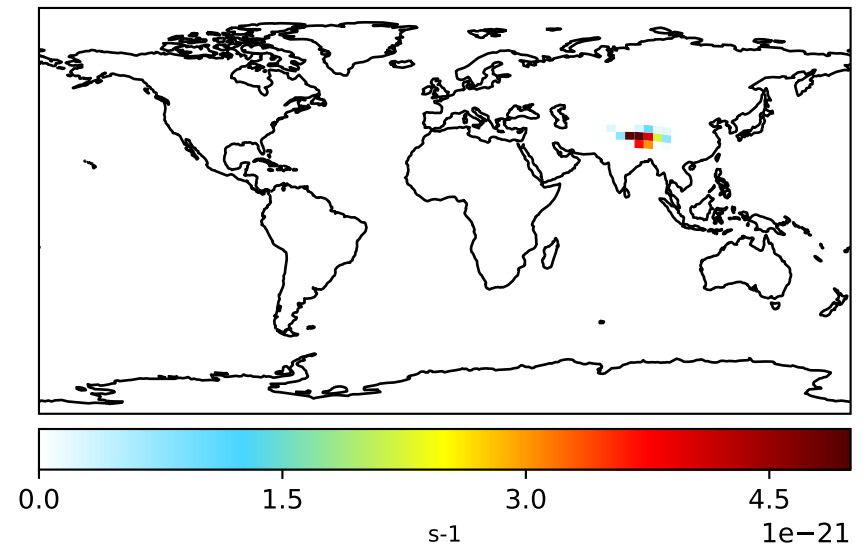


# Jval\_HCFC22

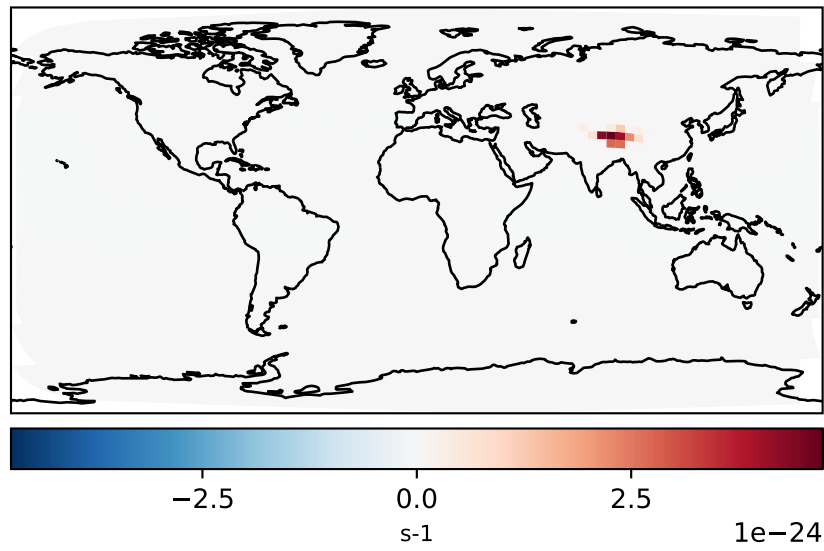
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



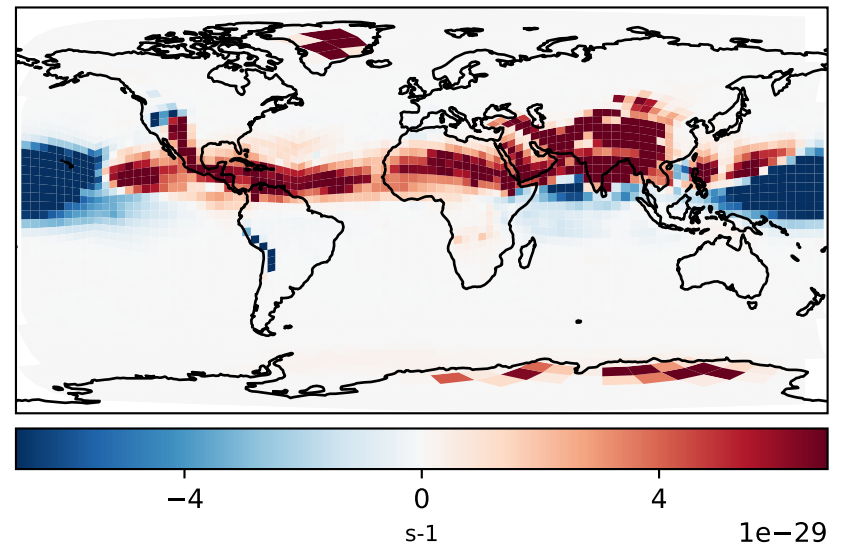
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



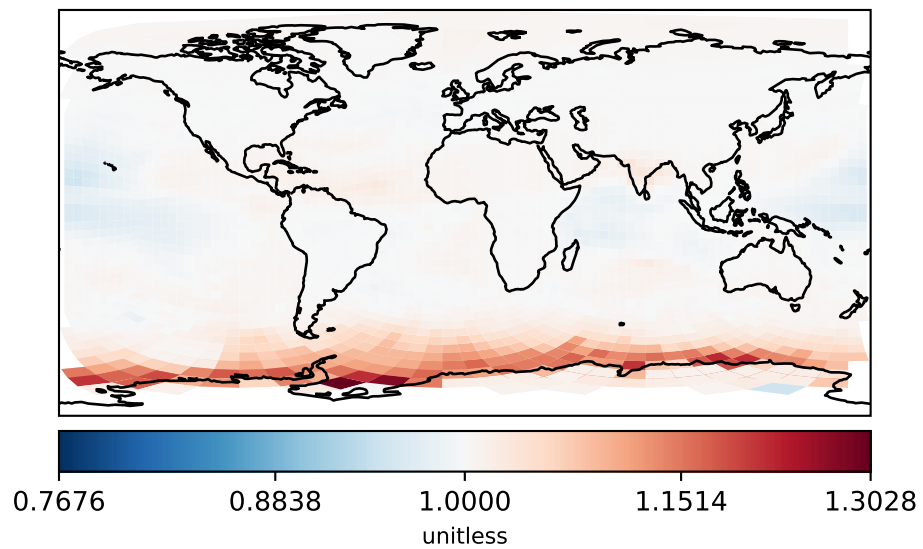
Difference  
Dev - Ref, Dynamic Range



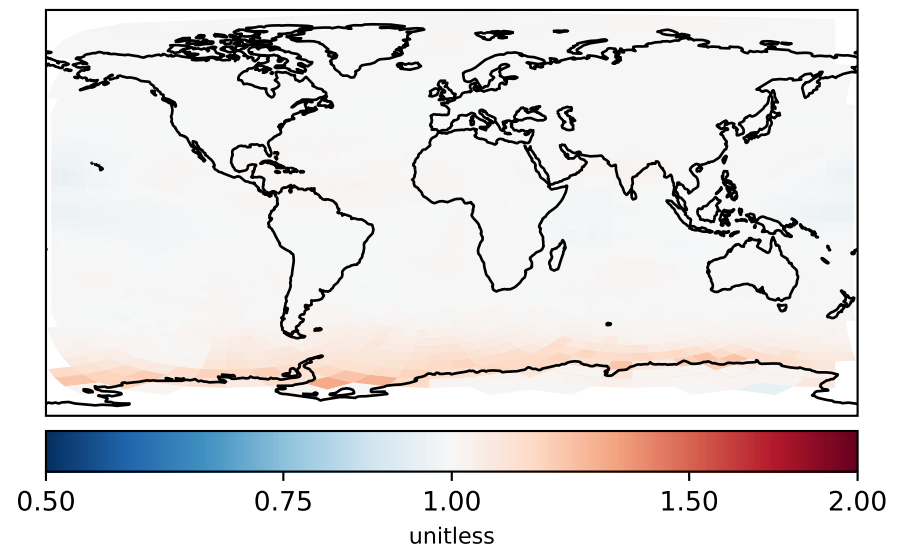
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

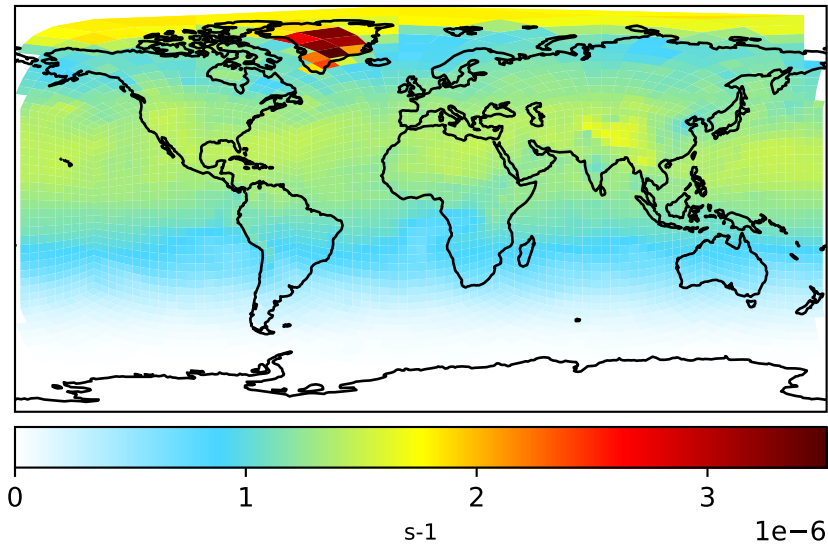


Ratio  
Dev/Ref, Fixed Range

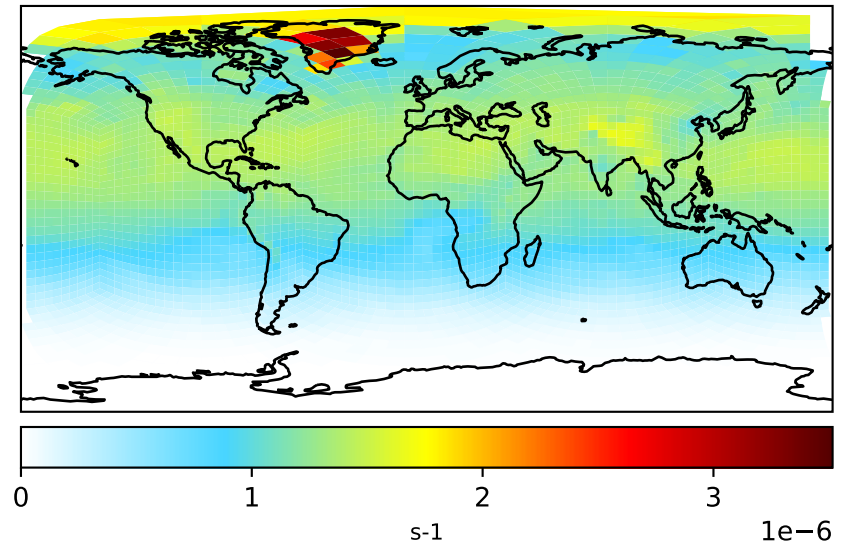


# Jval\_HMHP

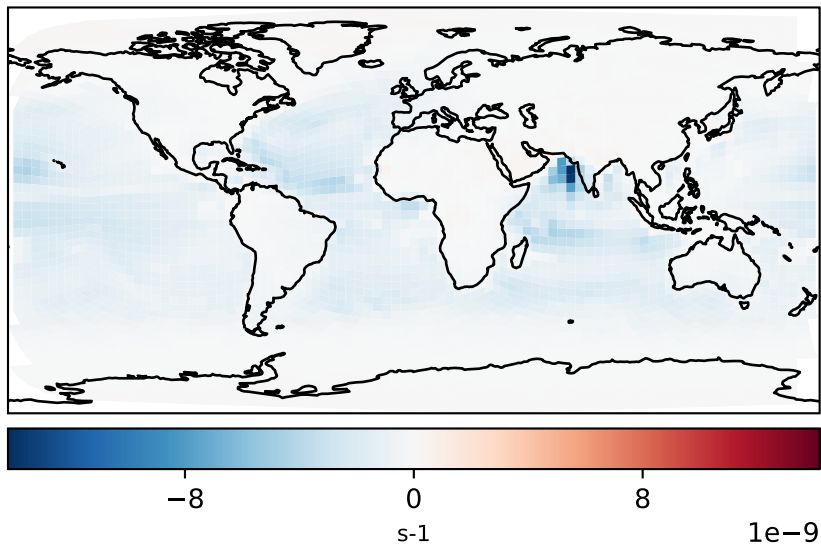
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



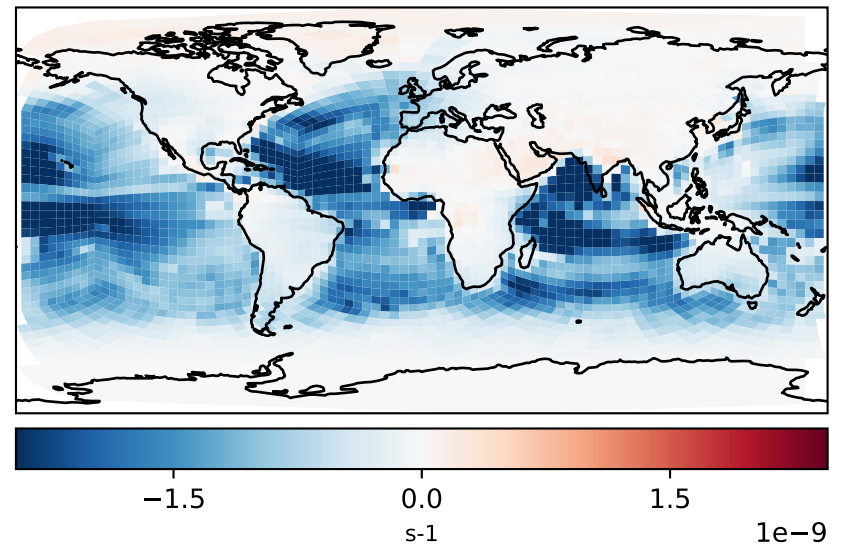
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



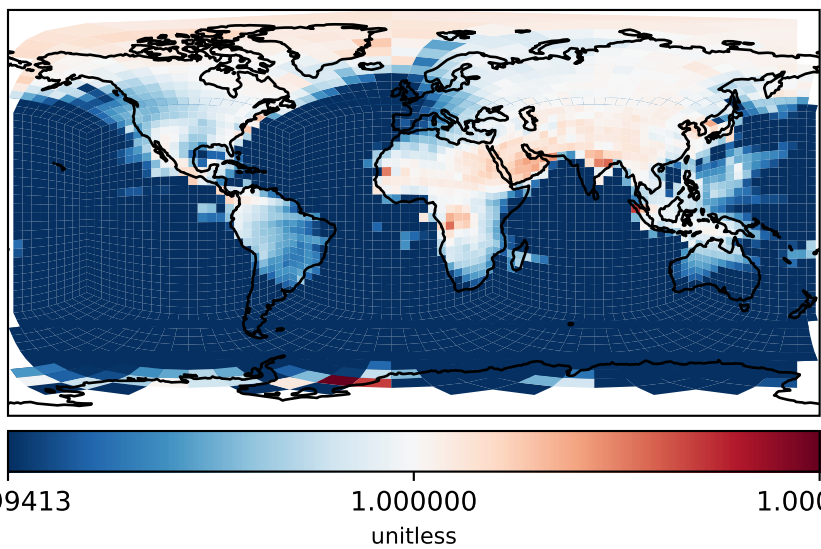
Difference  
Dev - Ref, Dynamic Range



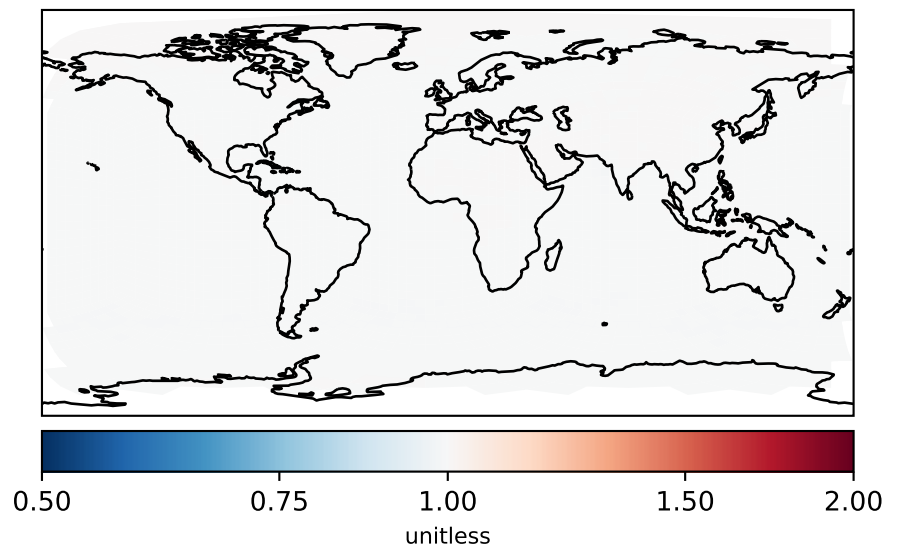
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

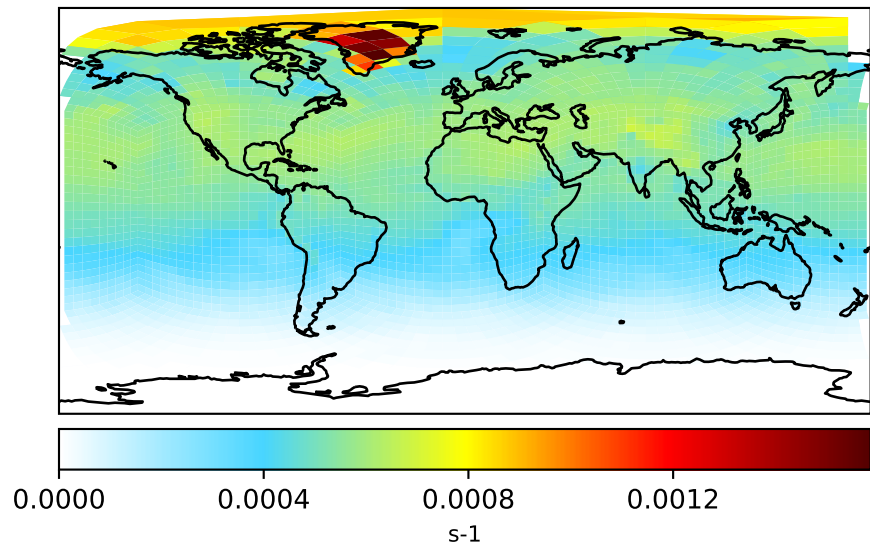


Ratio  
Dev/Ref, Fixed Range

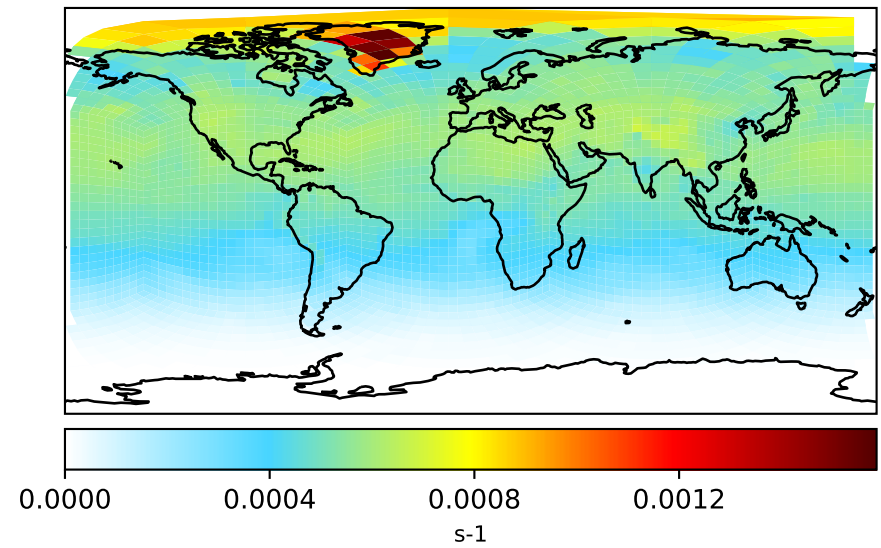


# Jval\_HNO2

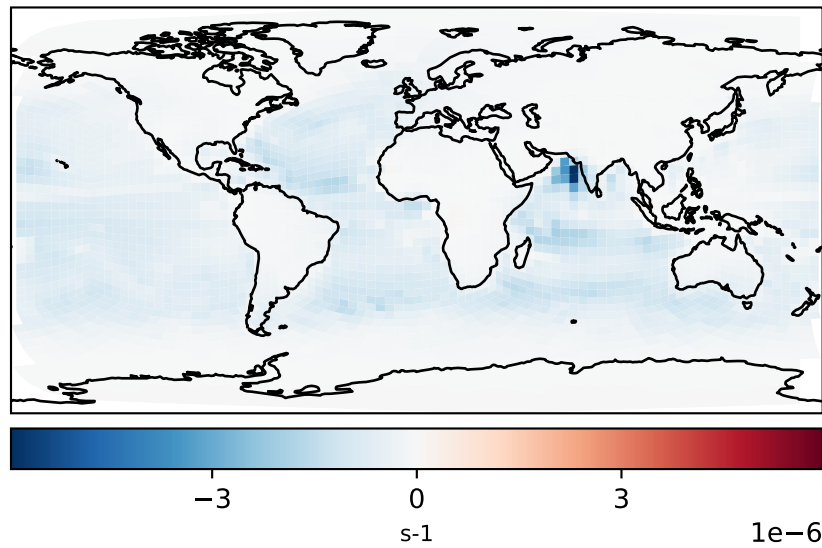
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



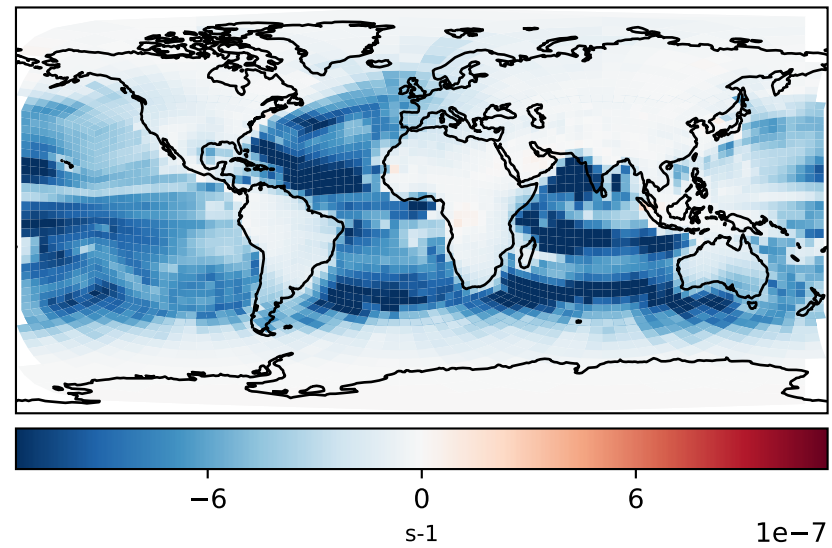
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



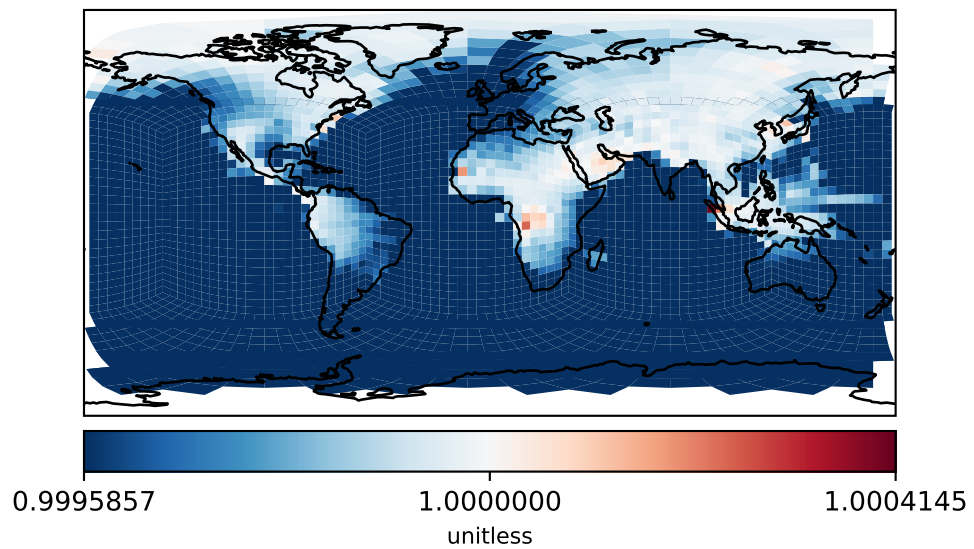
Difference  
Dev - Ref, Dynamic Range



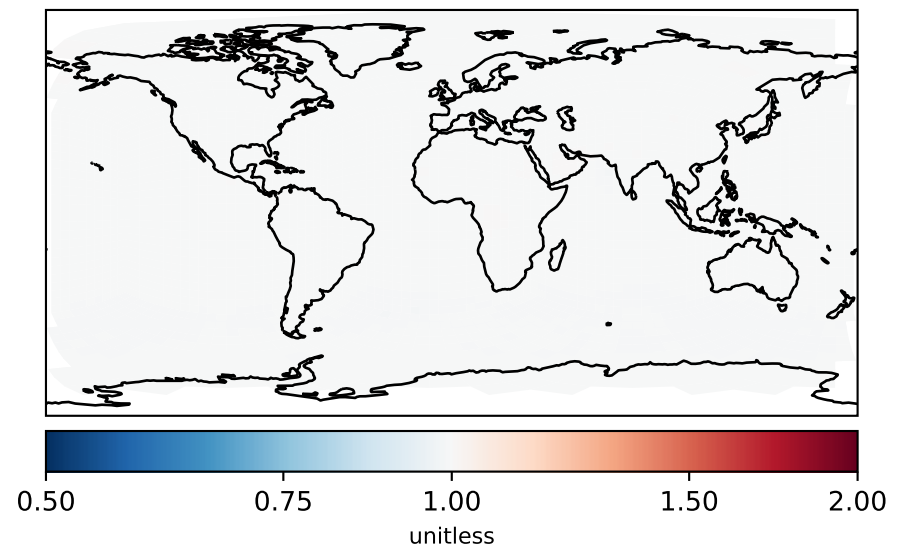
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

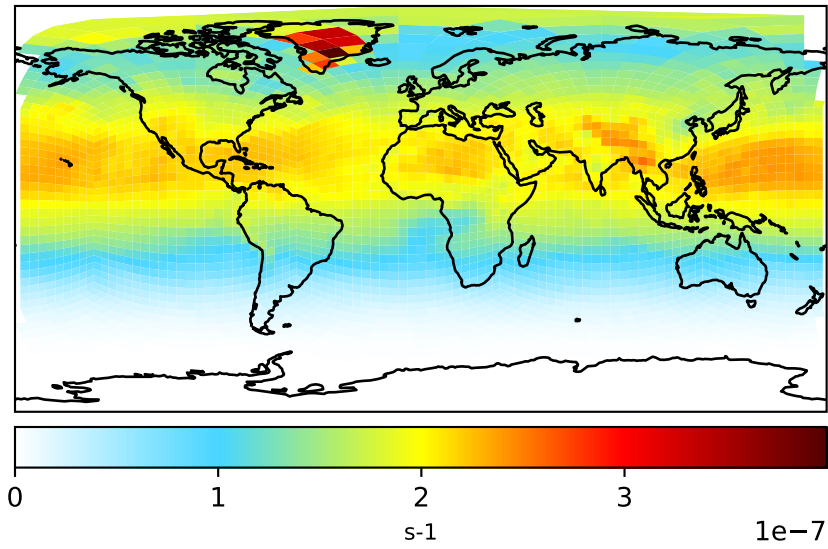


Ratio  
Dev/Ref, Fixed Range

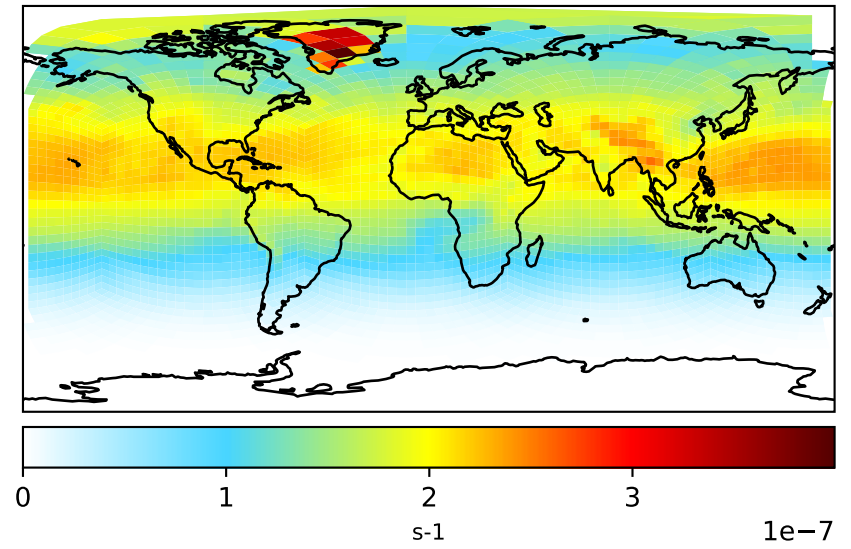


# Jval\_HNO3

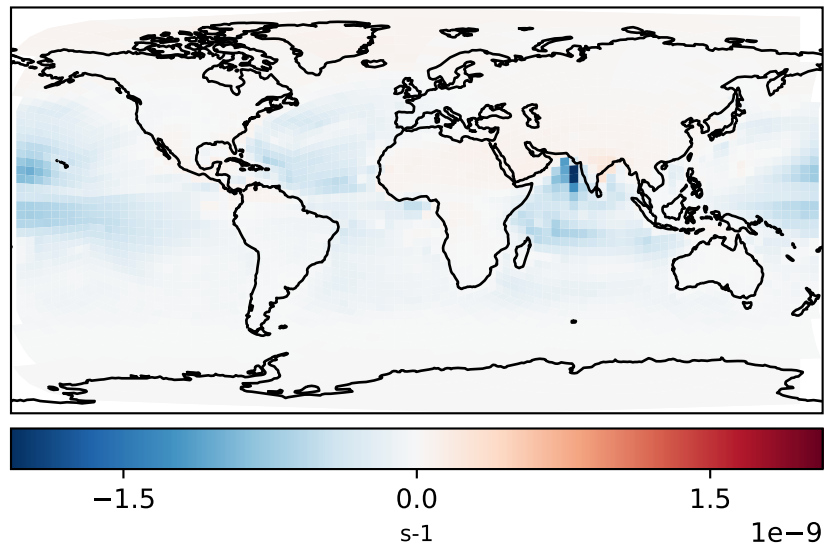
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



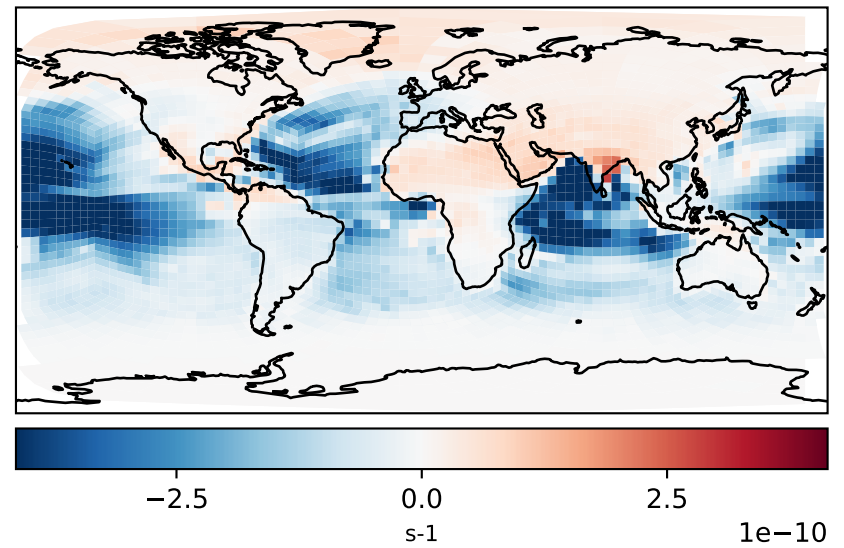
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



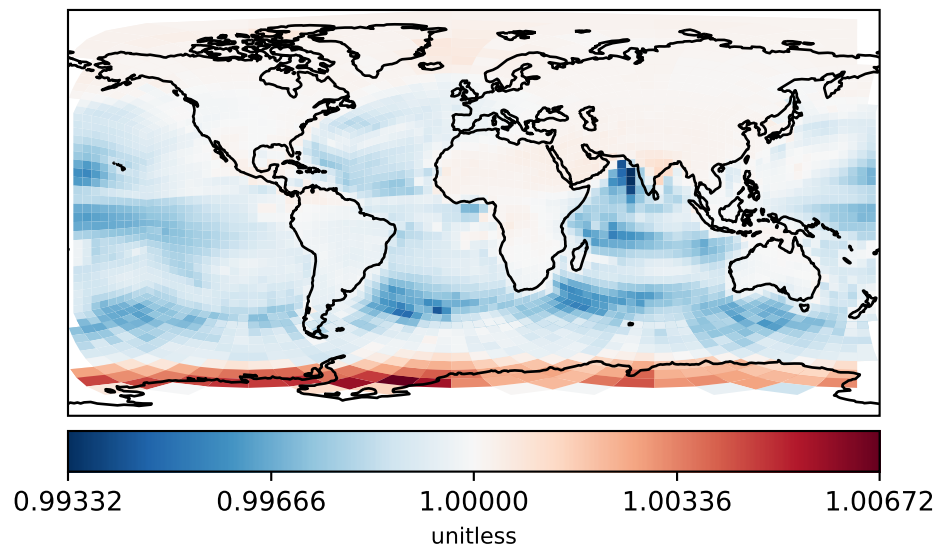
Difference  
Dev - Ref, Dynamic Range



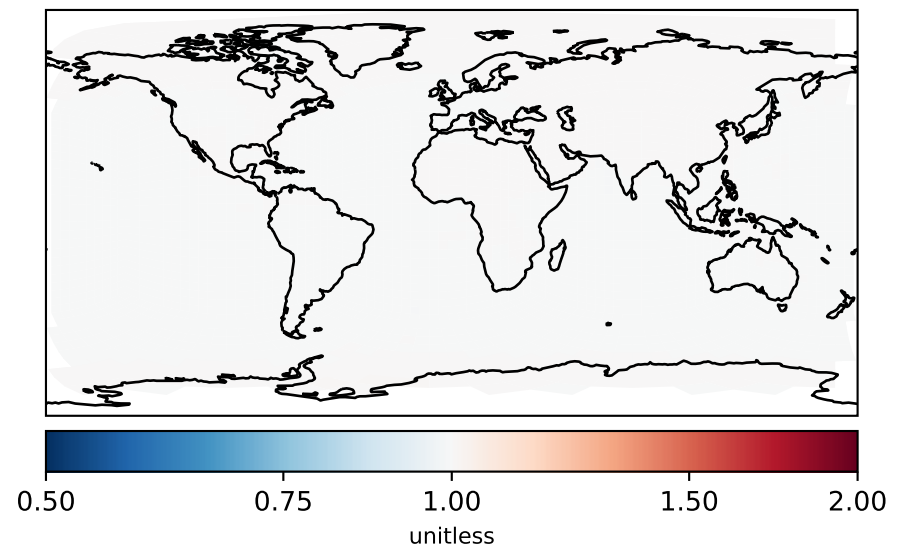
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



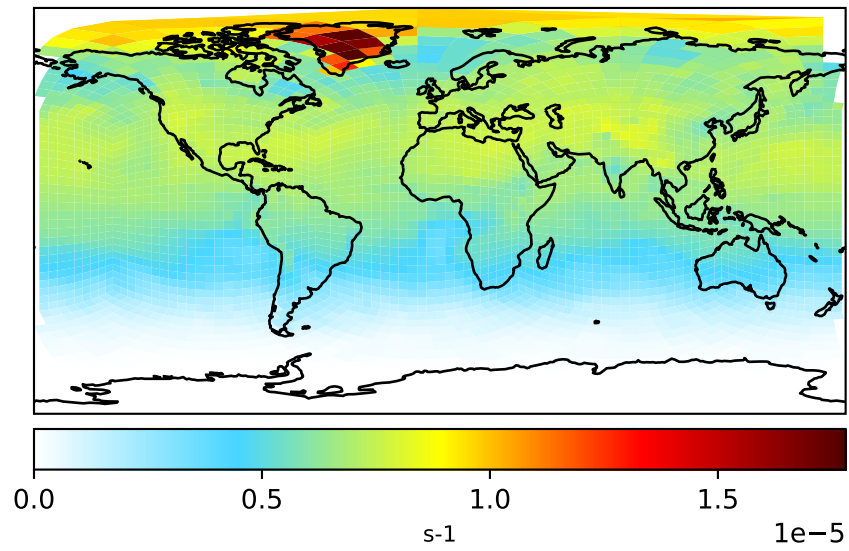
Ratio  
Dev/Ref, Fixed Range



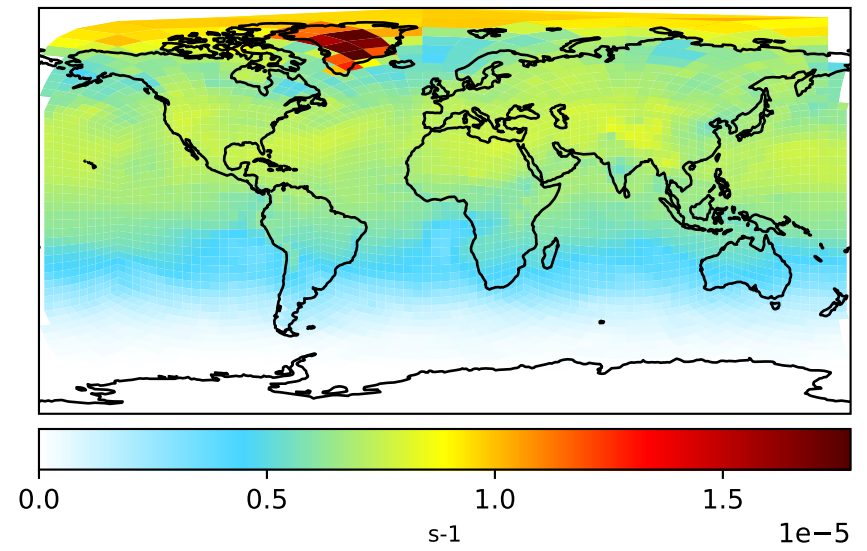


# Jval\_HNO4

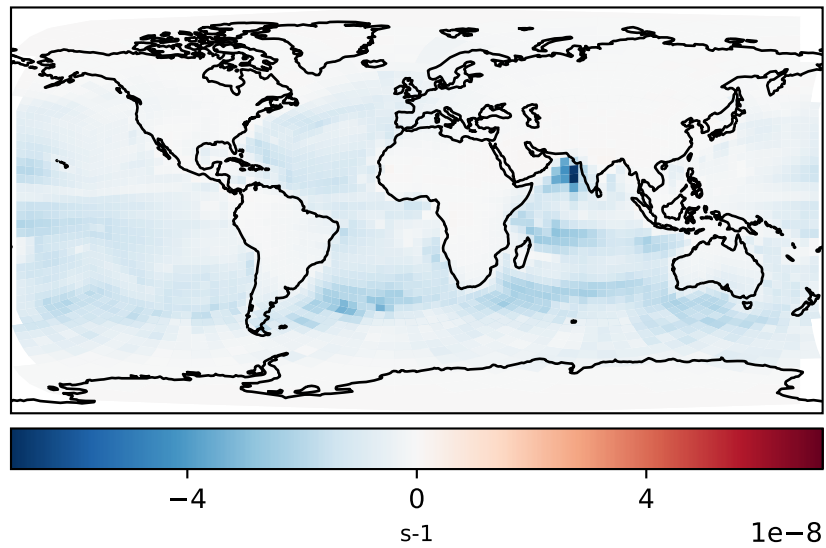
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



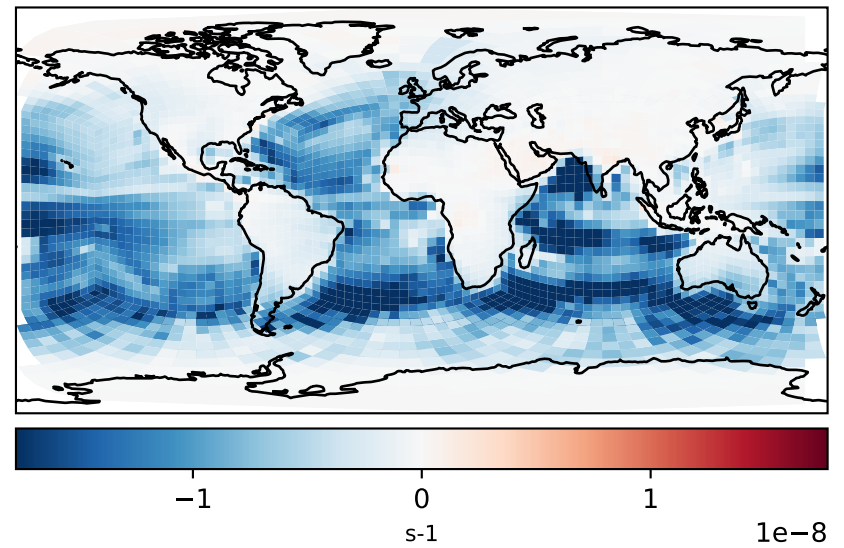
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



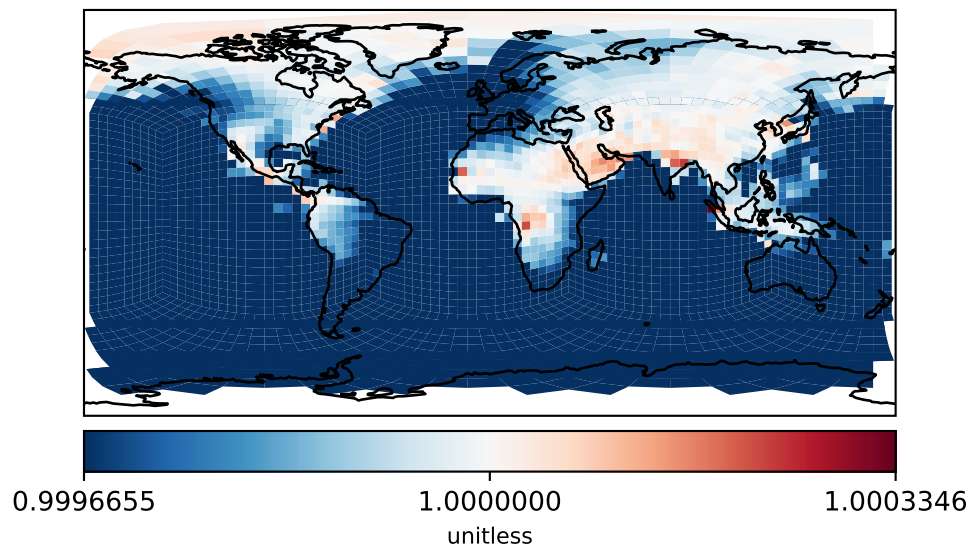
Difference  
Dev - Ref, Dynamic Range



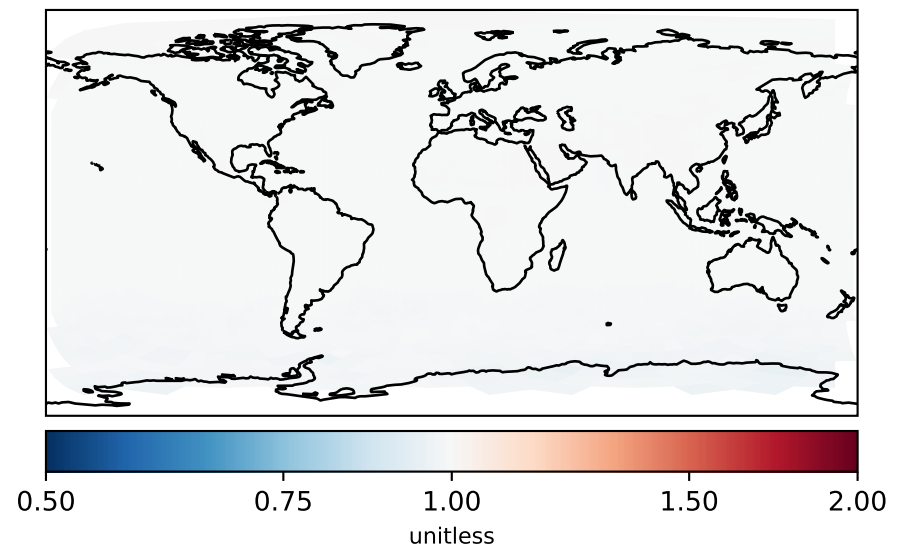
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

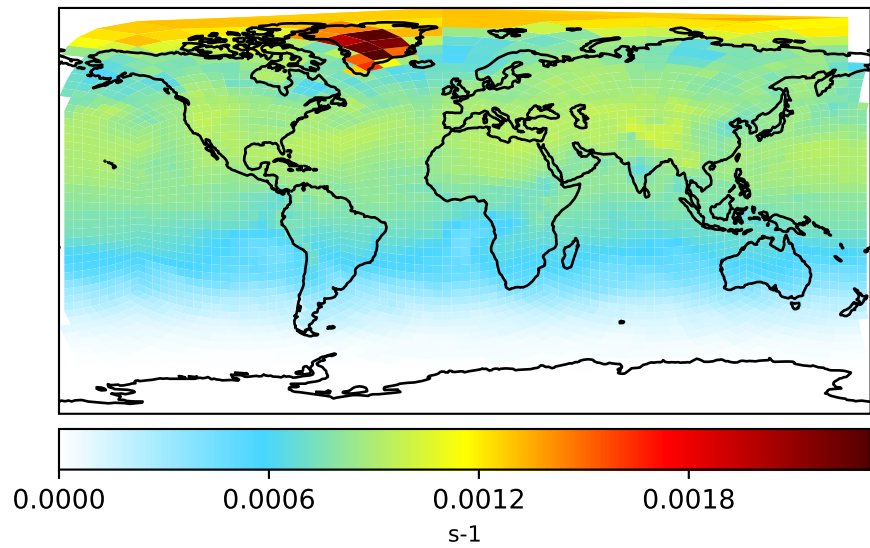


Ratio  
Dev/Ref, Fixed Range

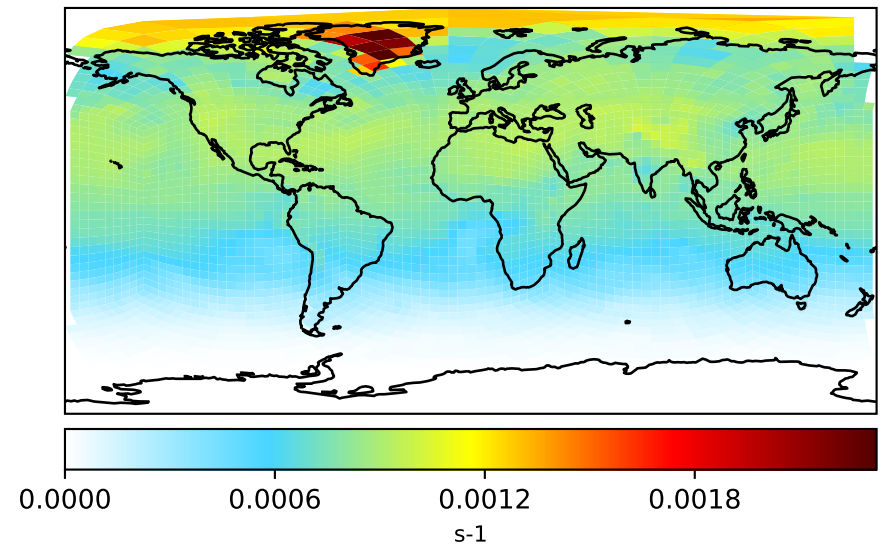


# Jval\_HOBr

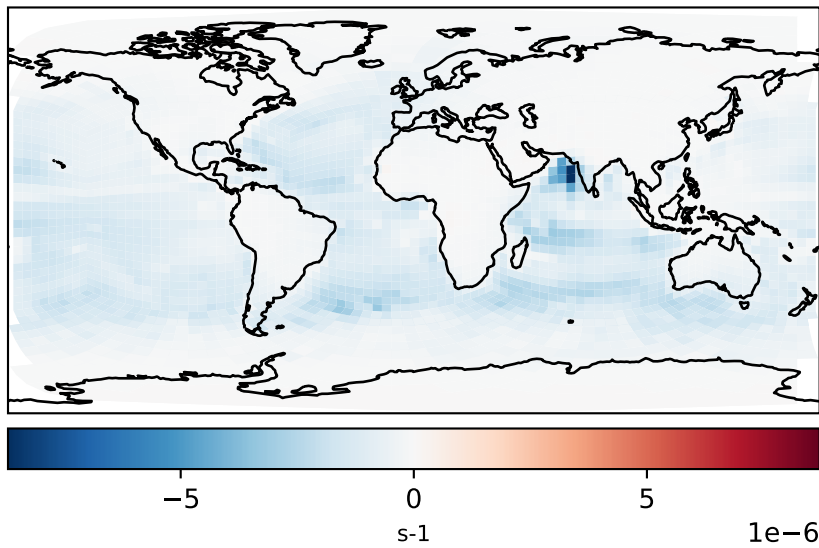
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



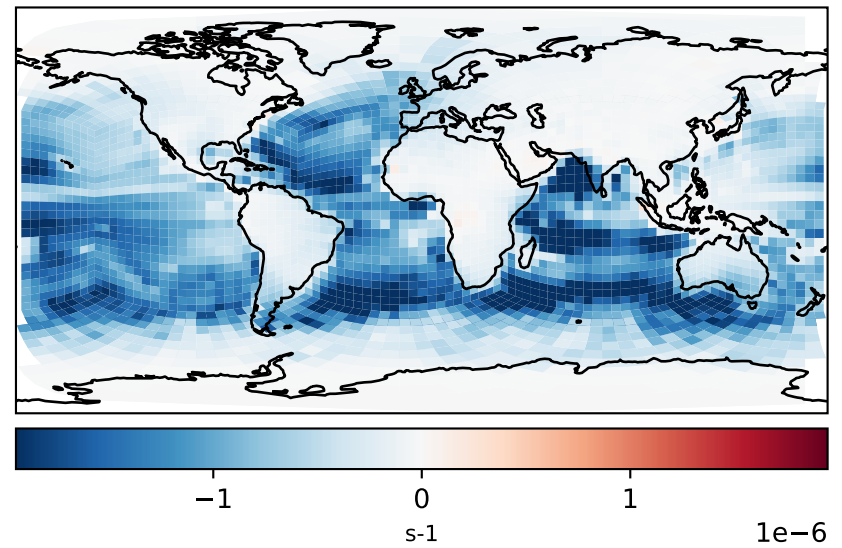
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



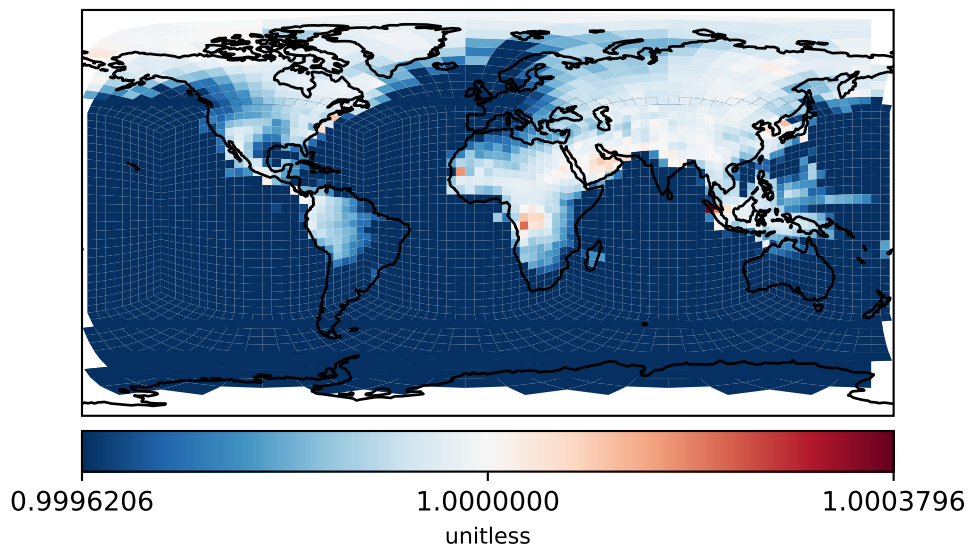
Difference  
Dev - Ref, Dynamic Range



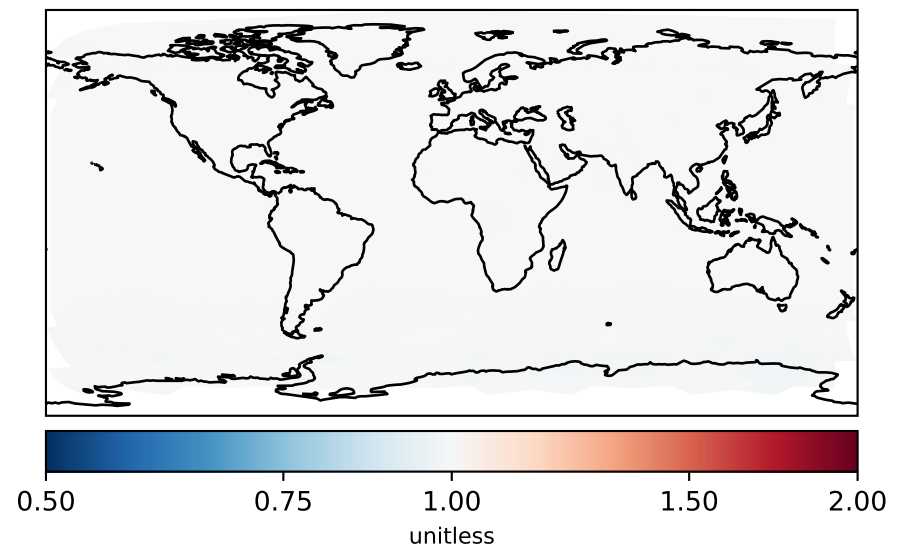
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

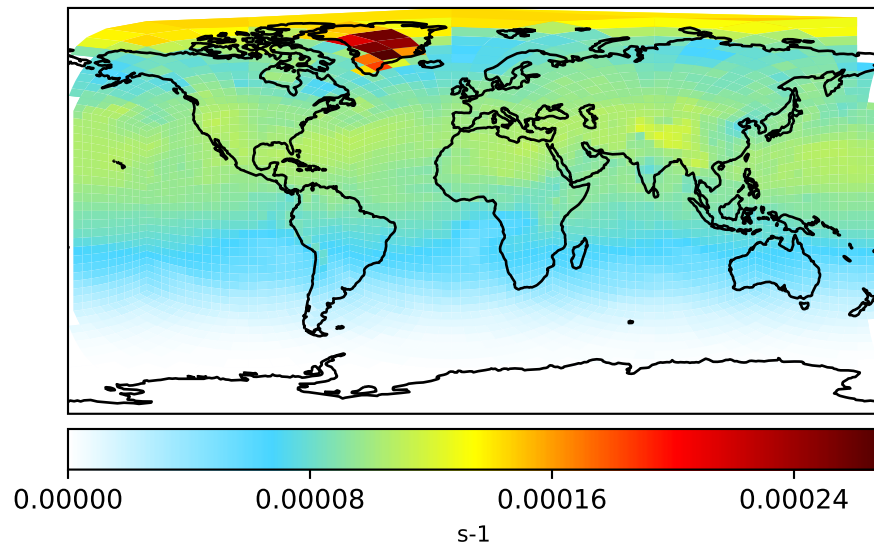


Ratio  
Dev/Ref, Fixed Range

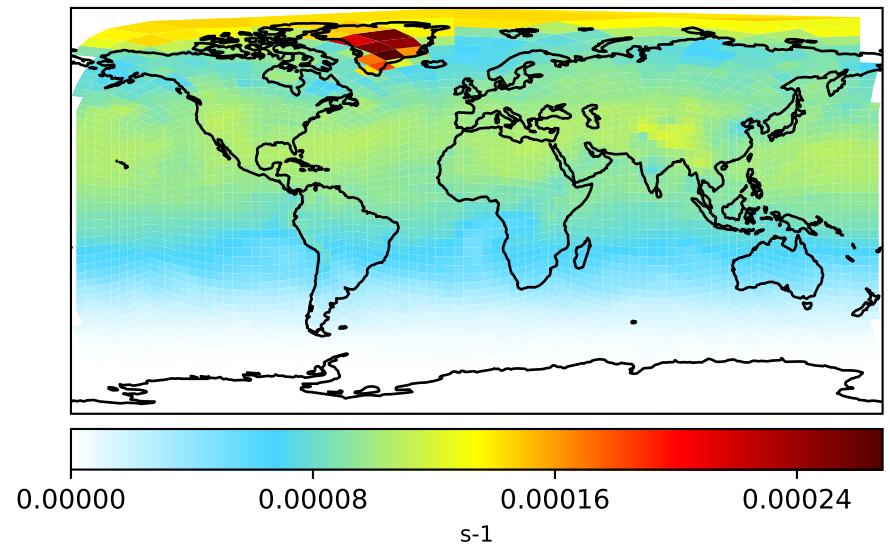


# Jval\_HOCl

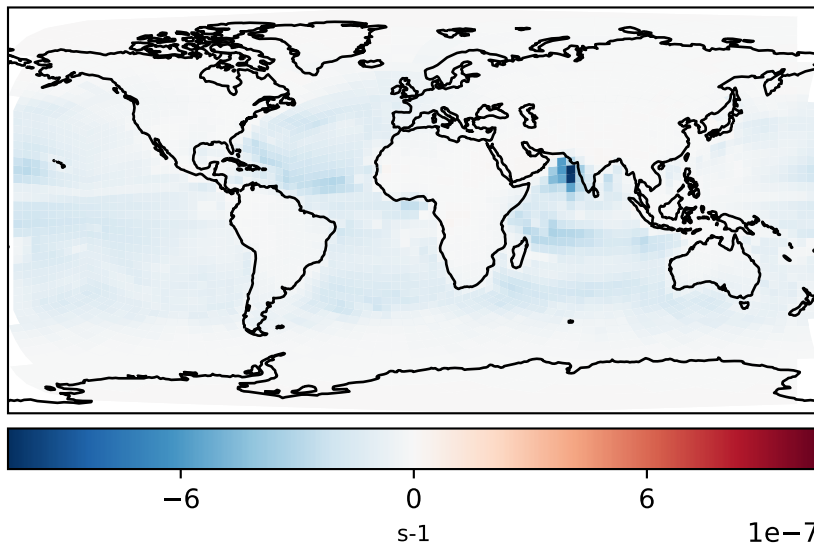
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



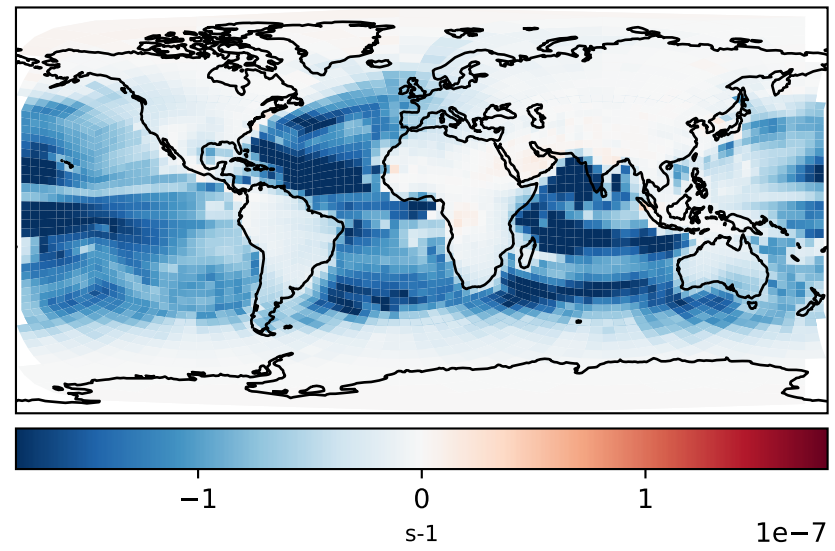
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



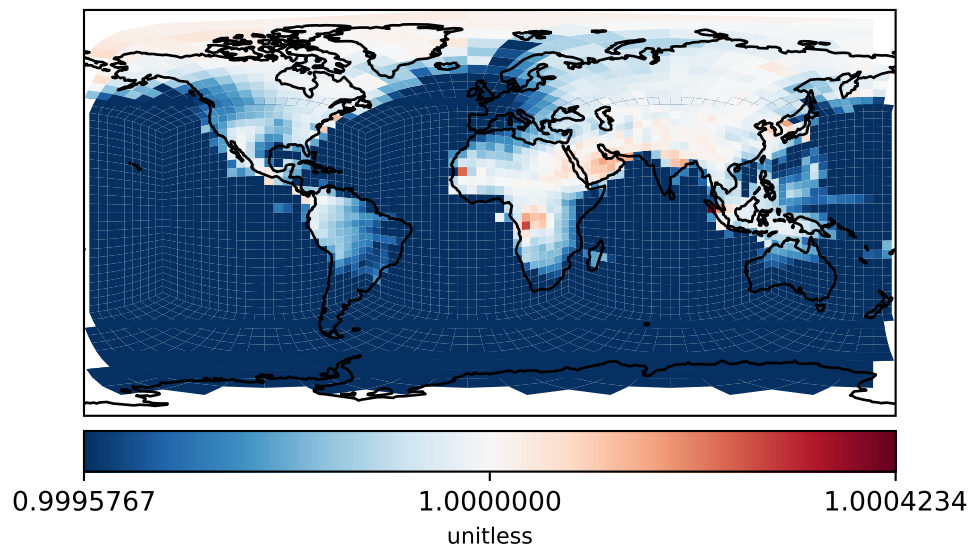
Difference  
Dev - Ref, Dynamic Range



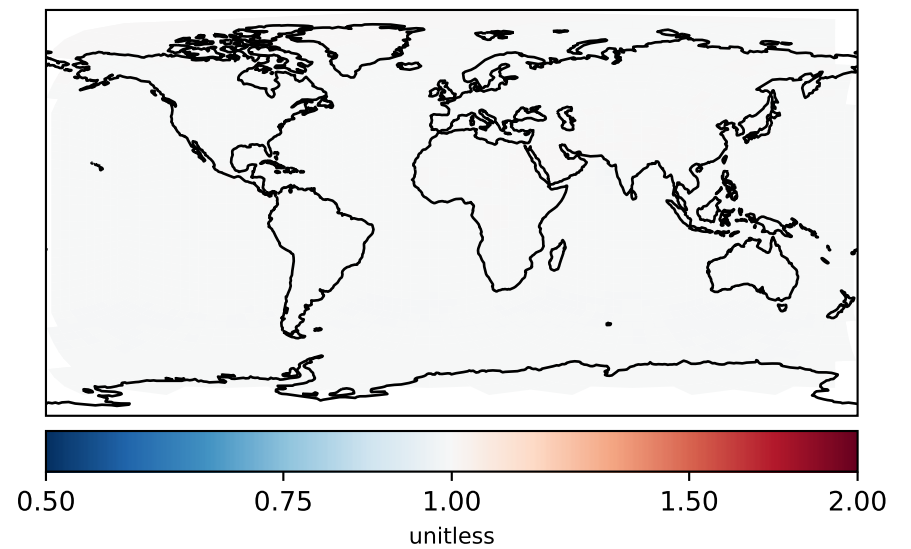
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

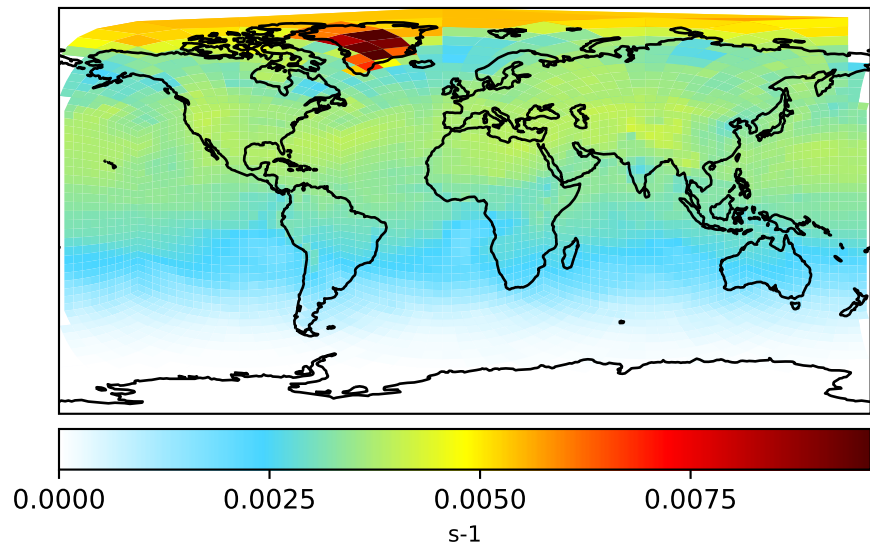


Ratio  
Dev/Ref, Fixed Range

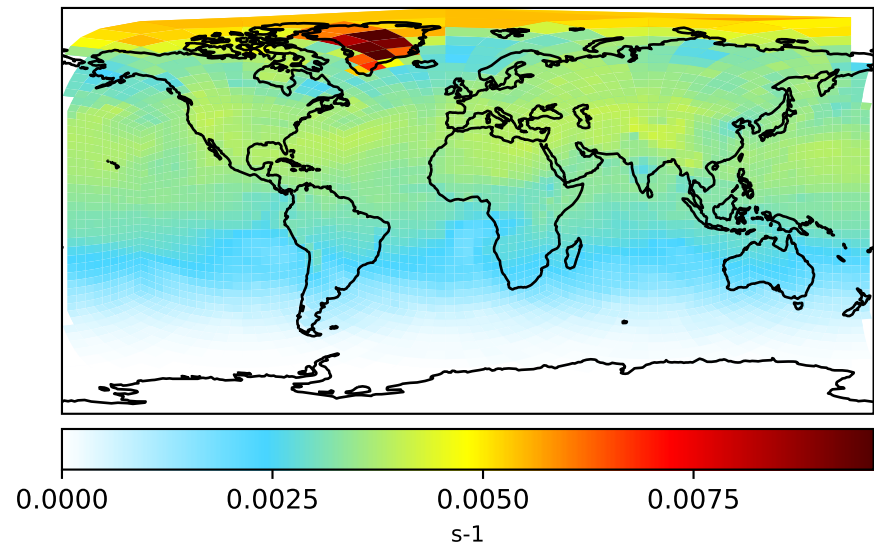


# Jval\_HOI

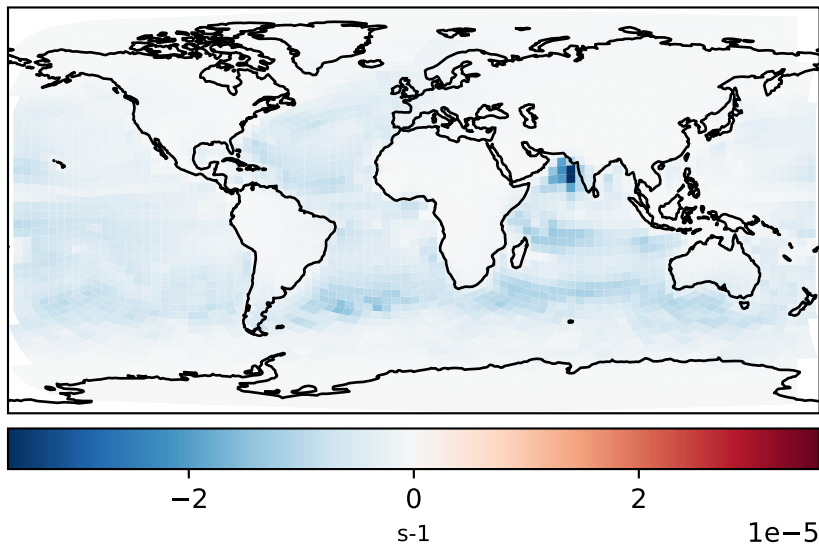
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



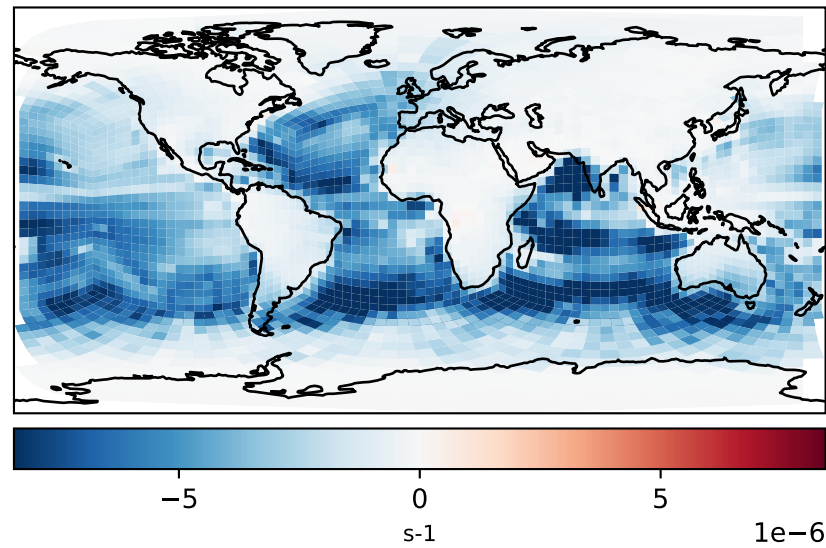
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



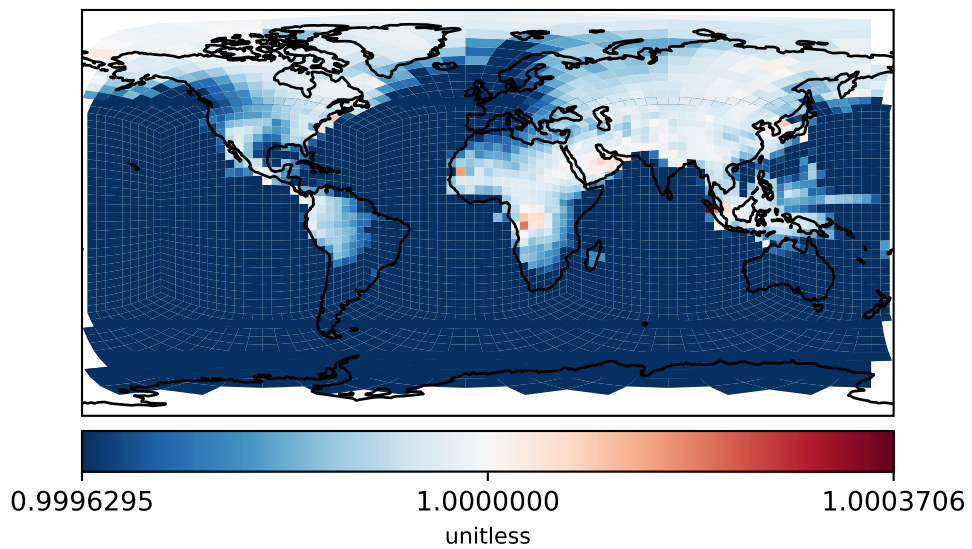
Difference  
Dev - Ref, Dynamic Range



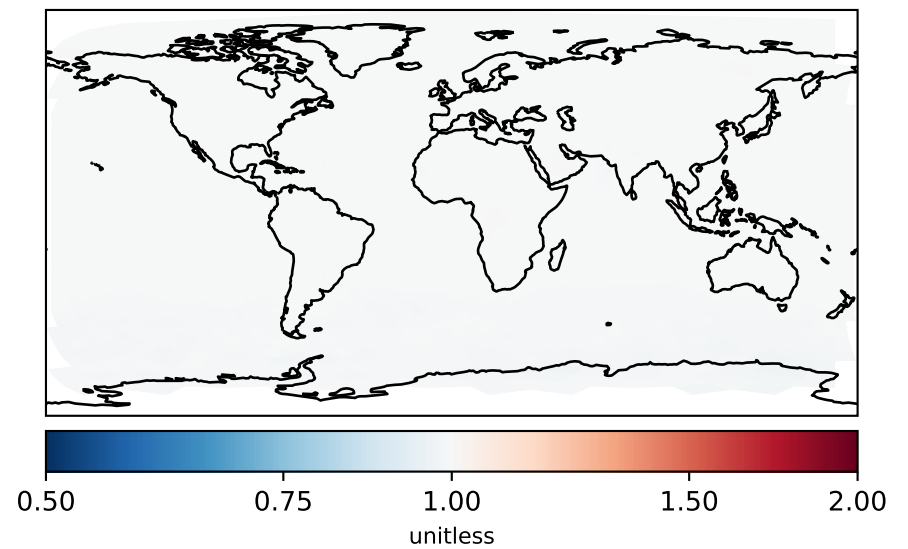
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

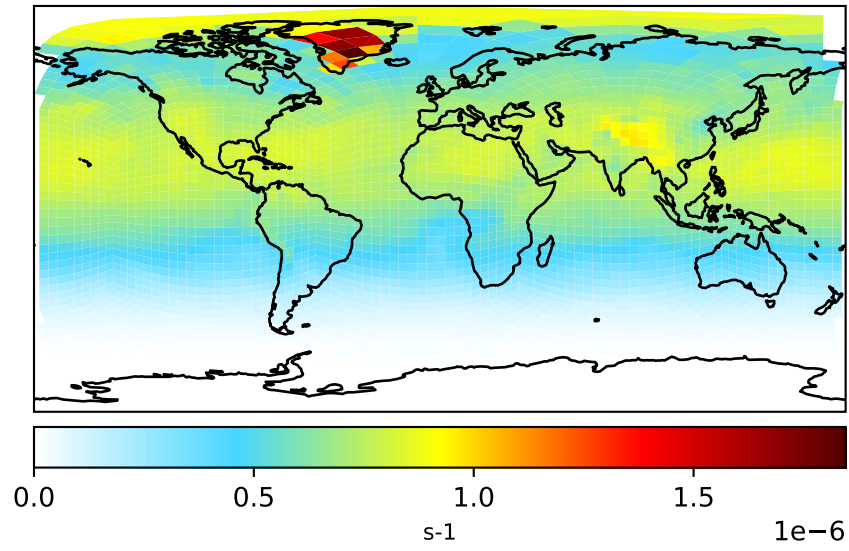


Ratio  
Dev/Ref, Fixed Range

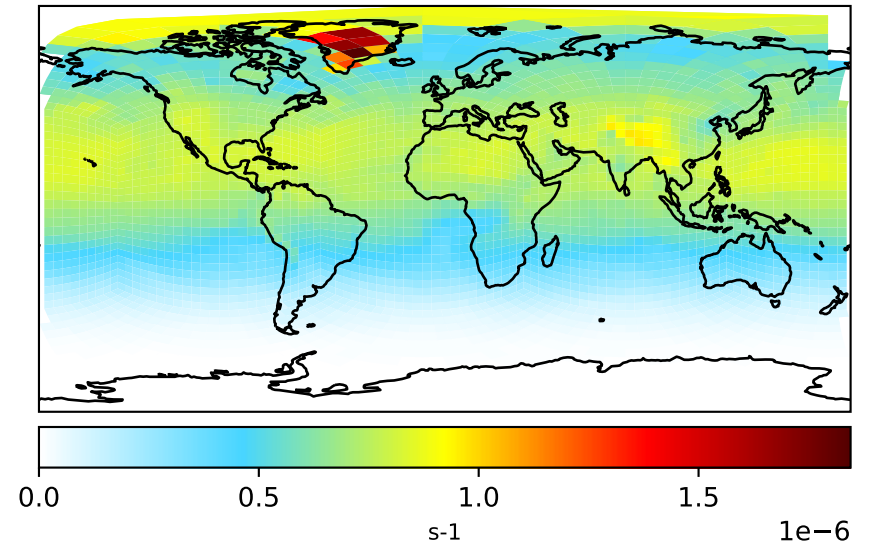


# Jval\_HONIT

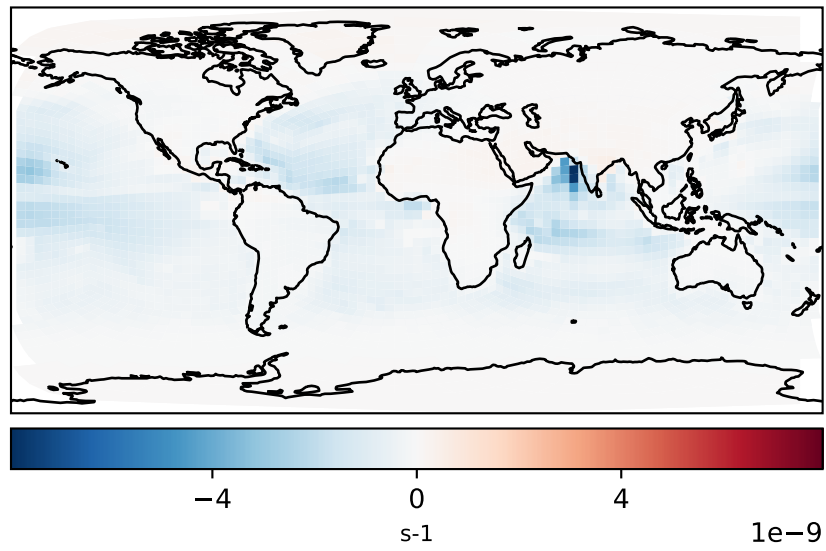
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



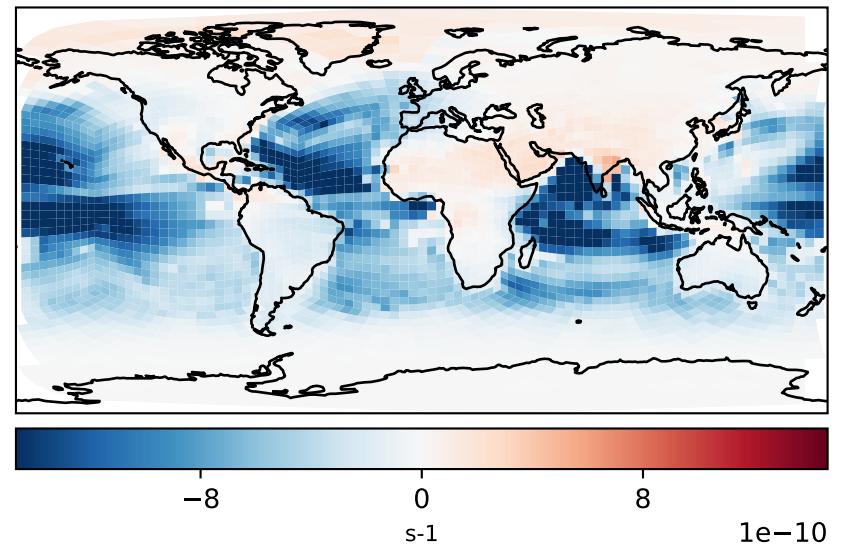
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



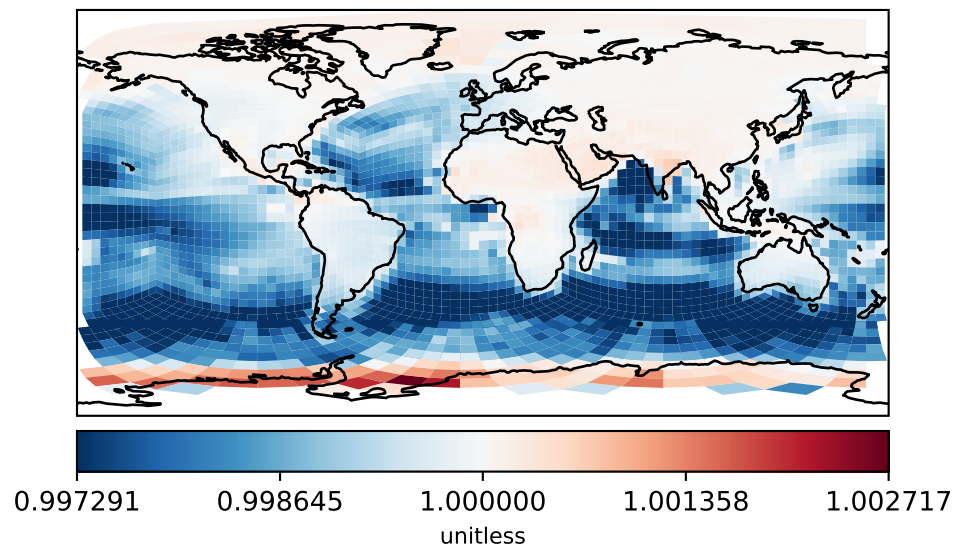
Difference  
Dev - Ref, Dynamic Range



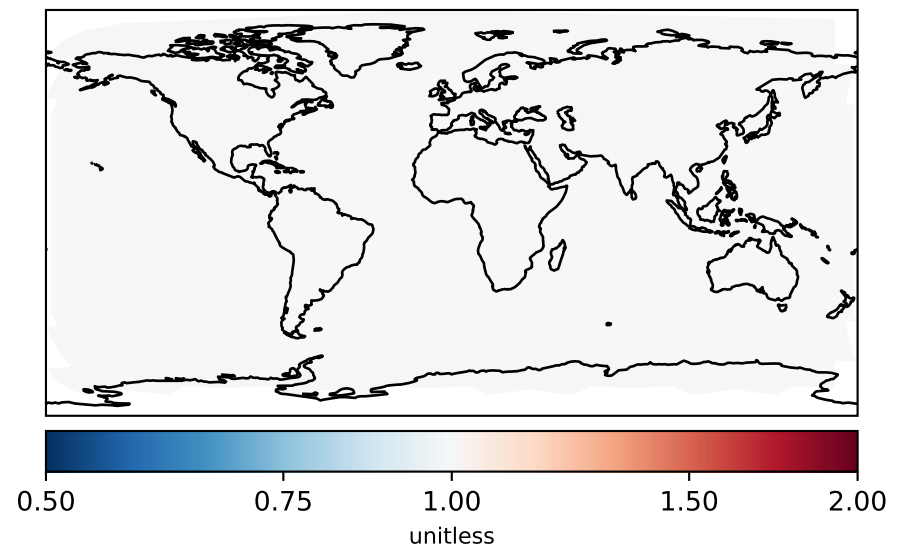
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

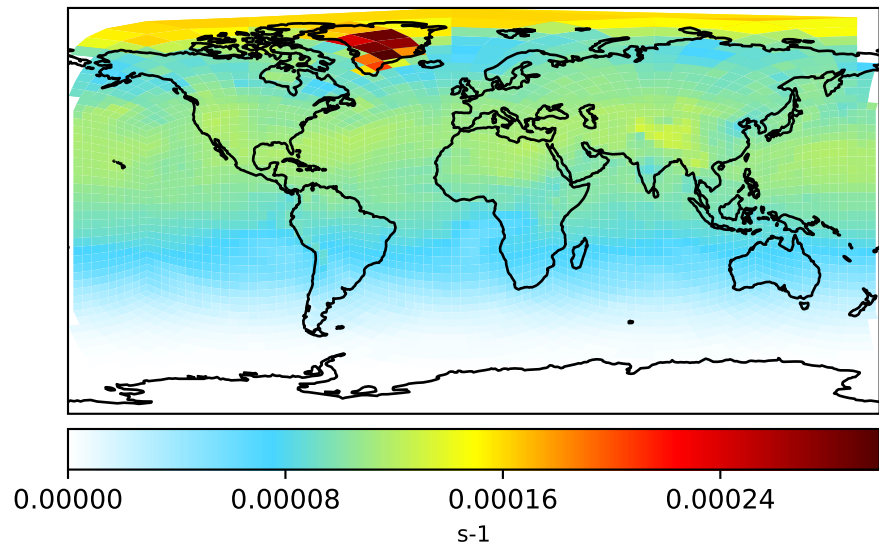


Ratio  
Dev/Ref, Fixed Range

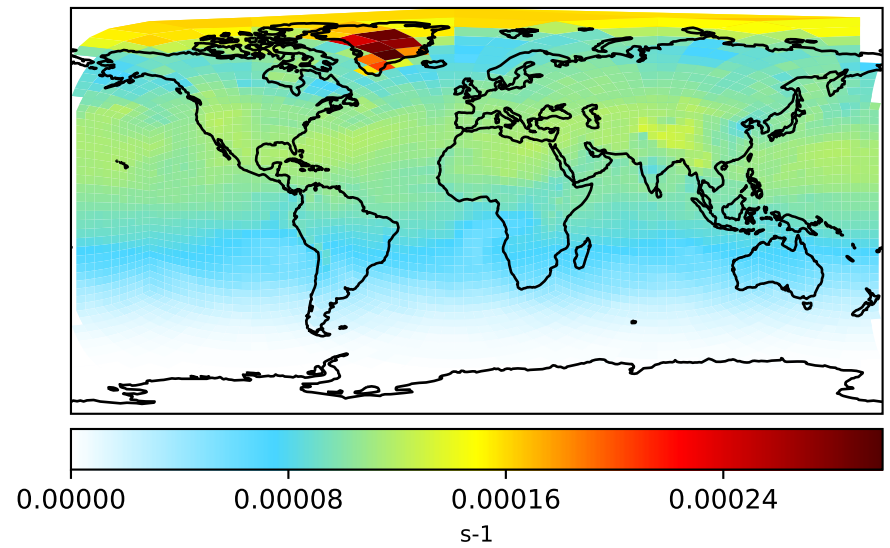


# Jval\_HPALD1

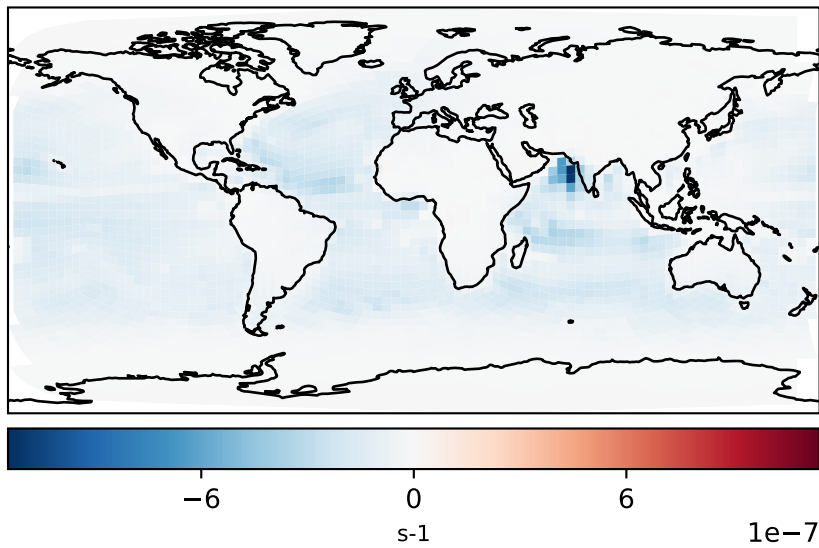
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



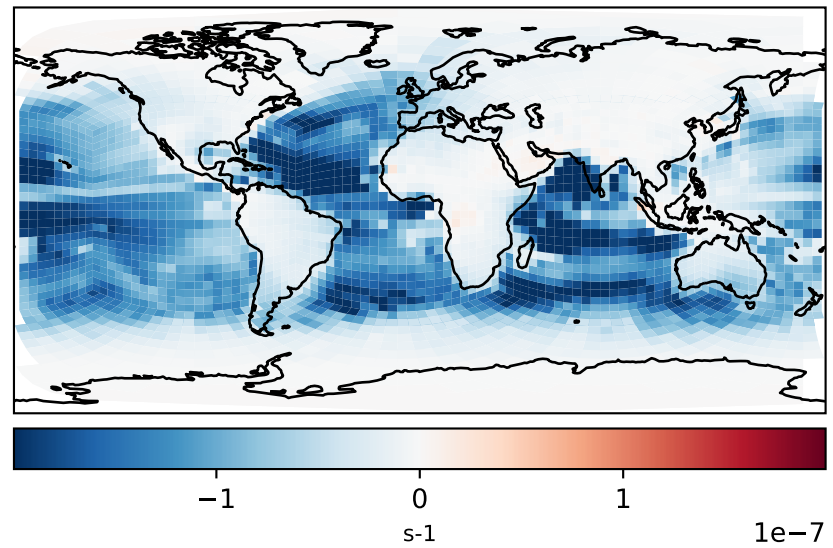
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



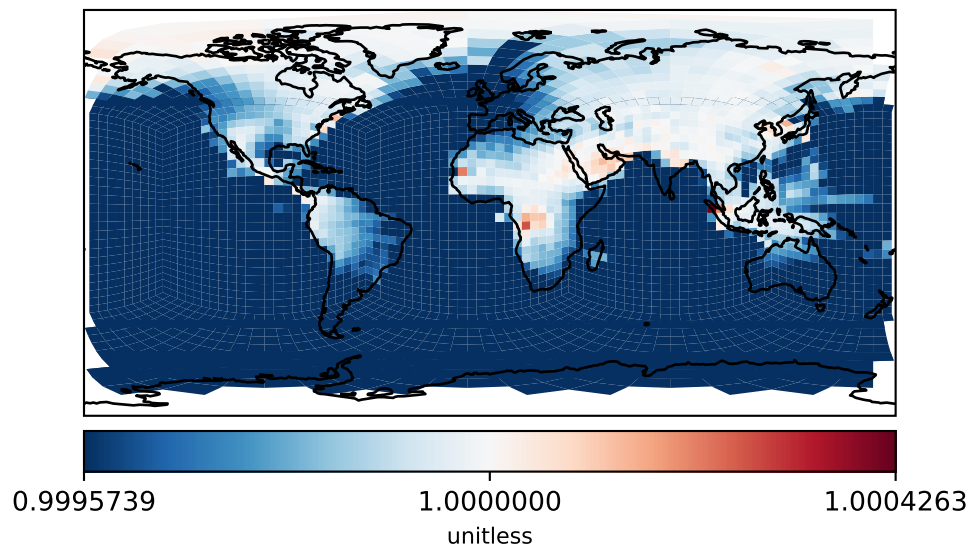
Difference  
Dev - Ref, Dynamic Range



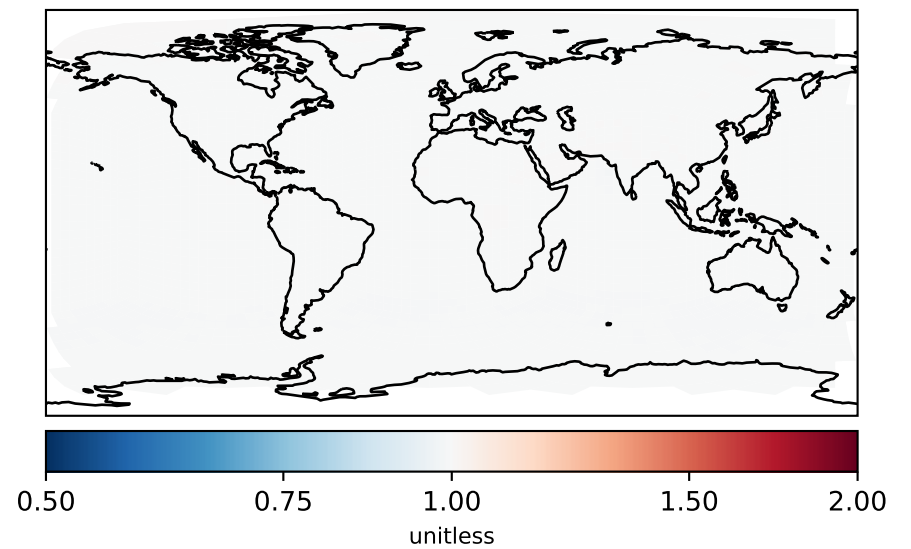
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

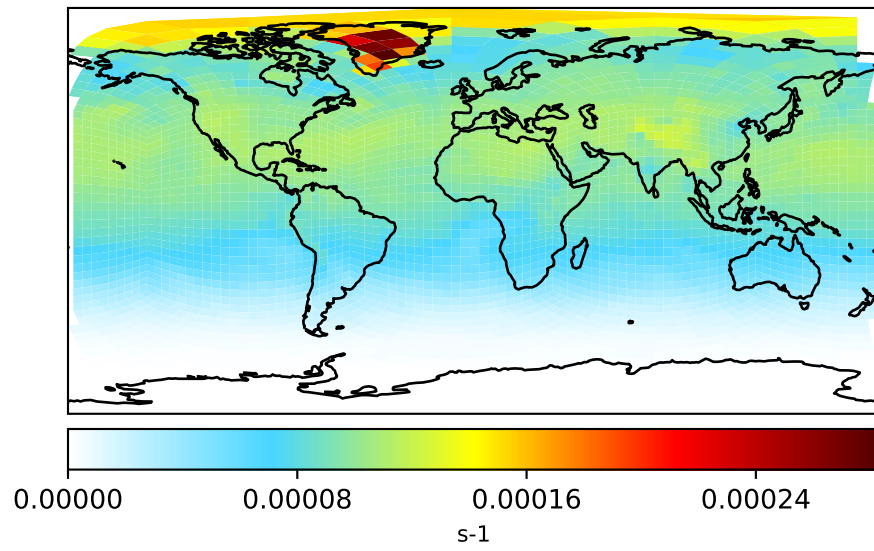


Ratio  
Dev/Ref, Fixed Range

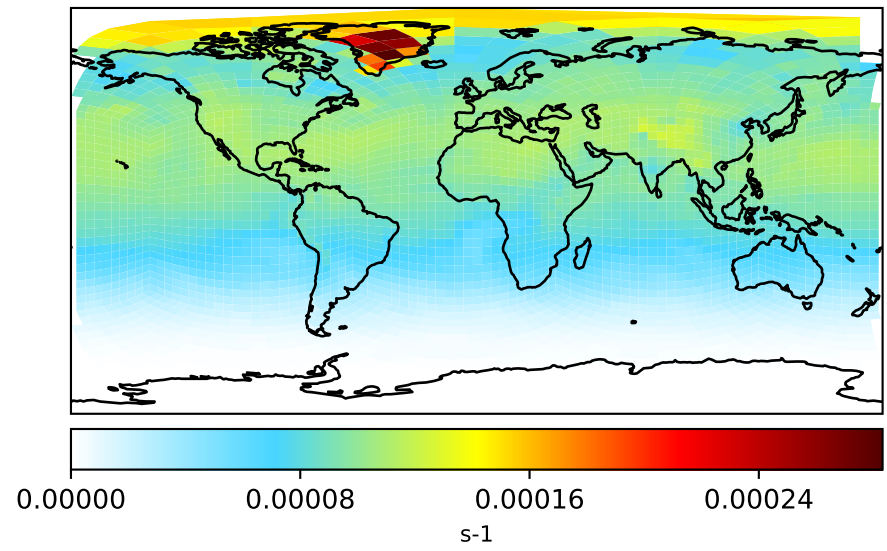


# Jval\_HPALD2

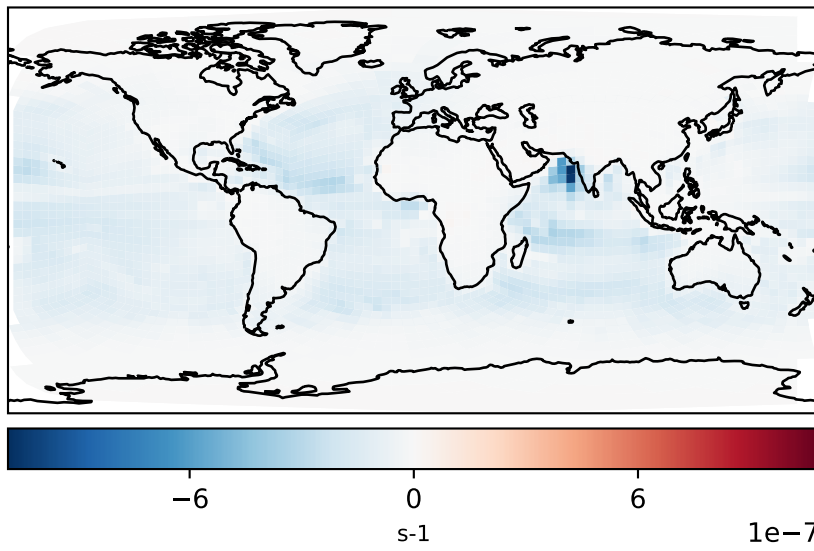
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



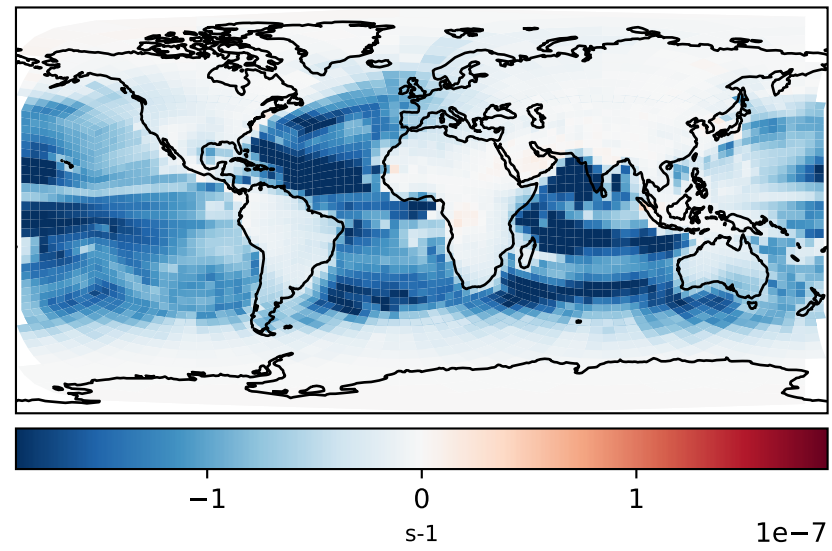
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



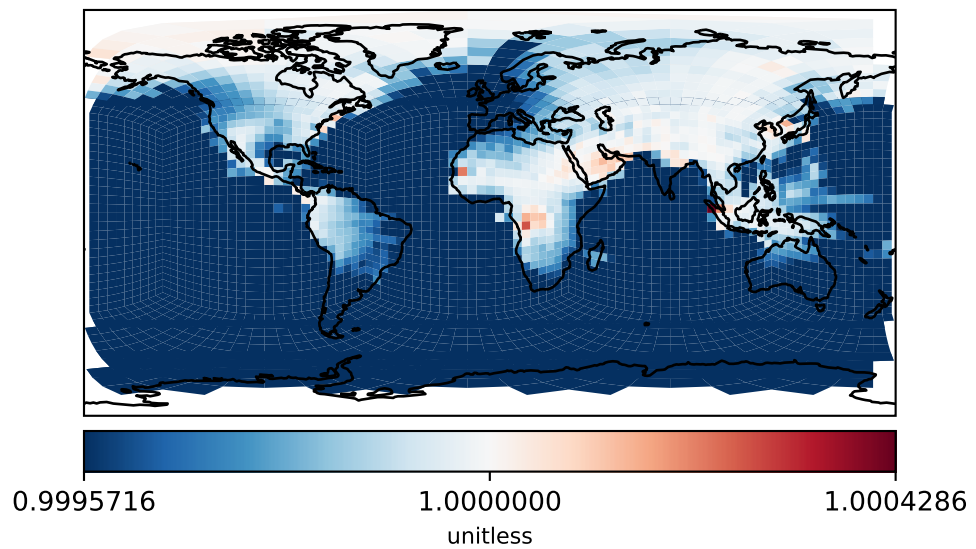
Difference  
Dev - Ref, Dynamic Range



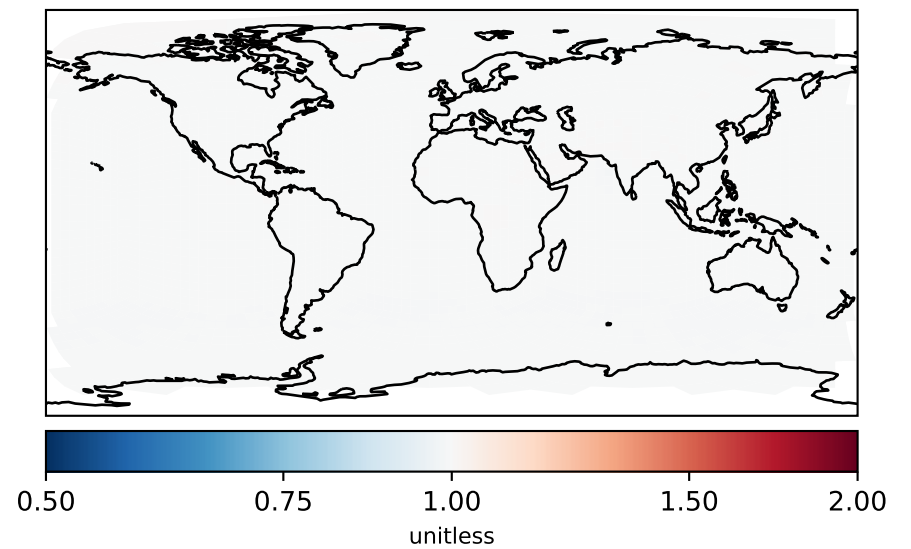
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

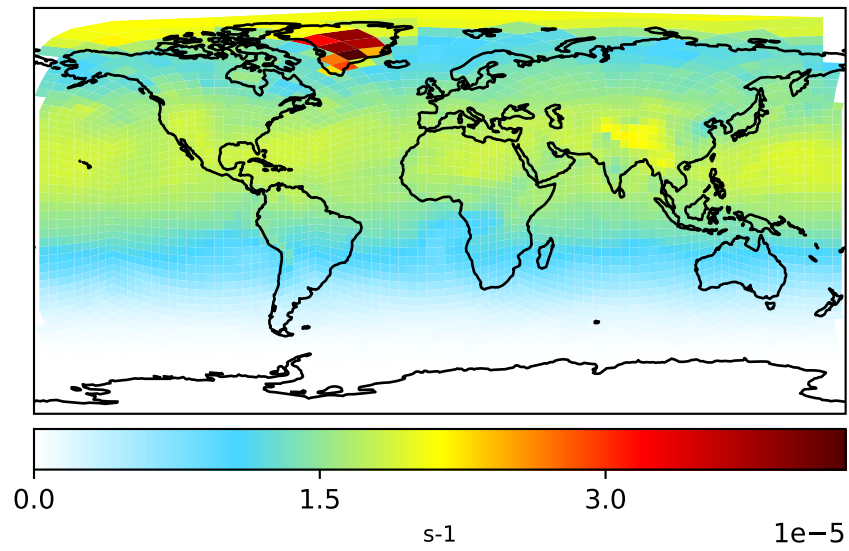


Ratio  
Dev/Ref, Fixed Range

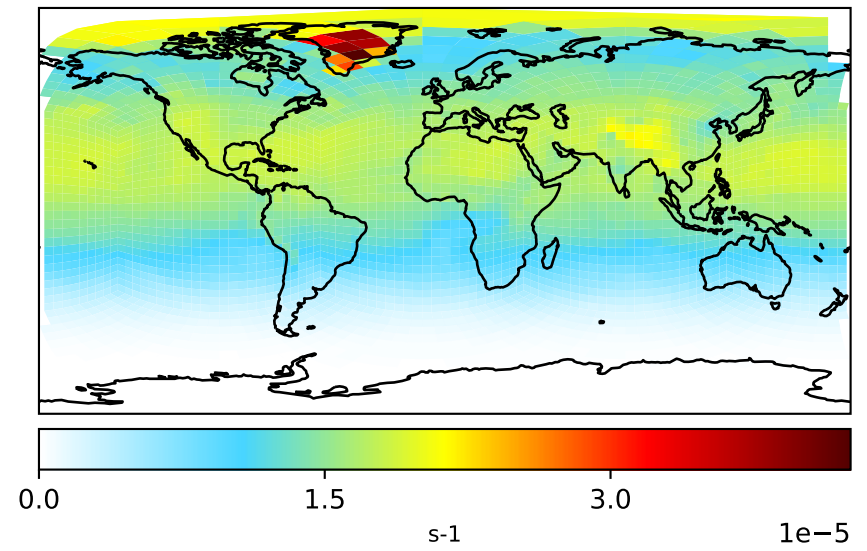


# Jval\_HPALD3

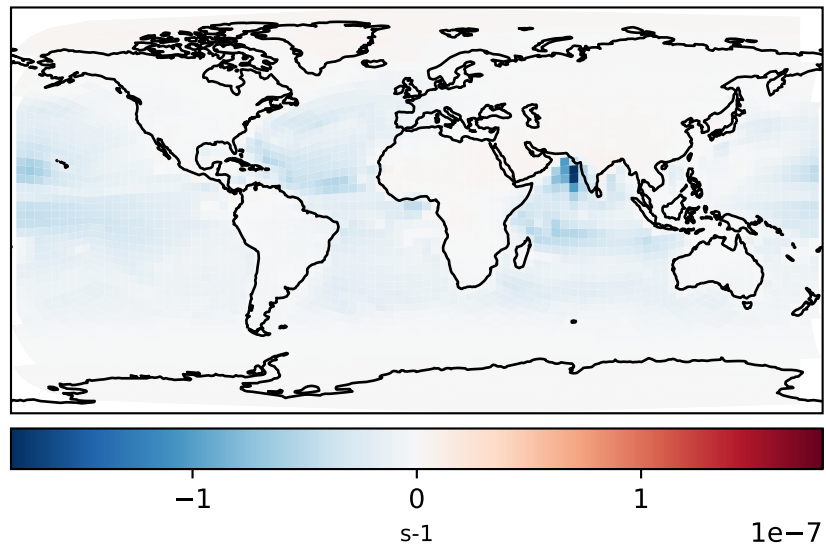
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



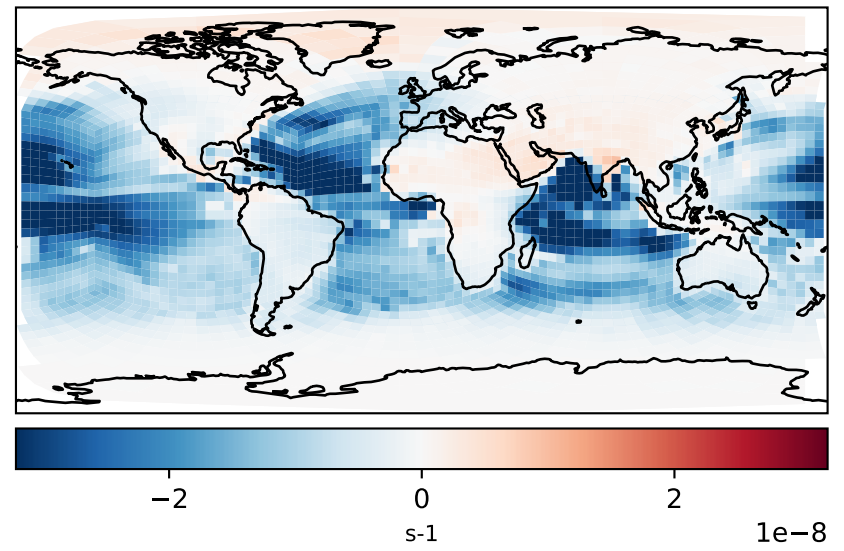
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



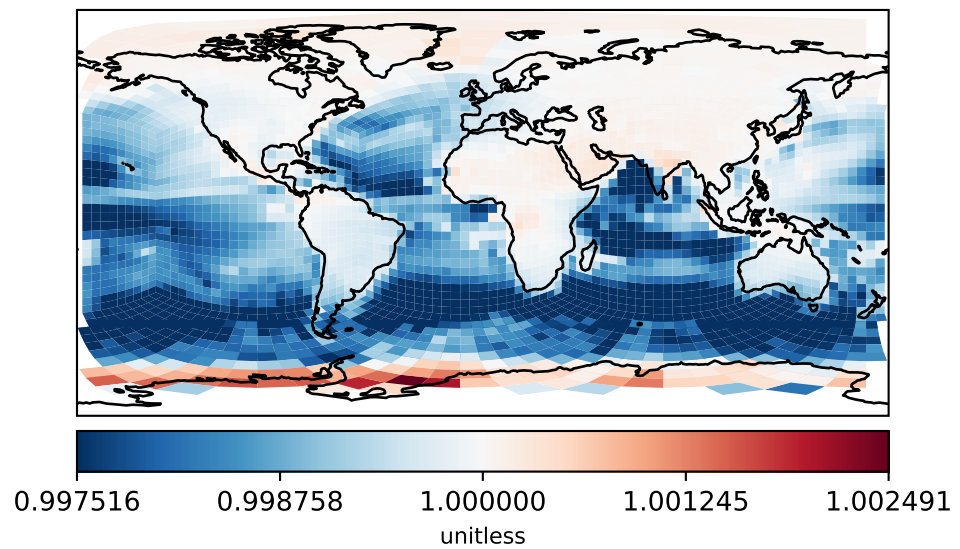
Difference  
Dev - Ref, Dynamic Range



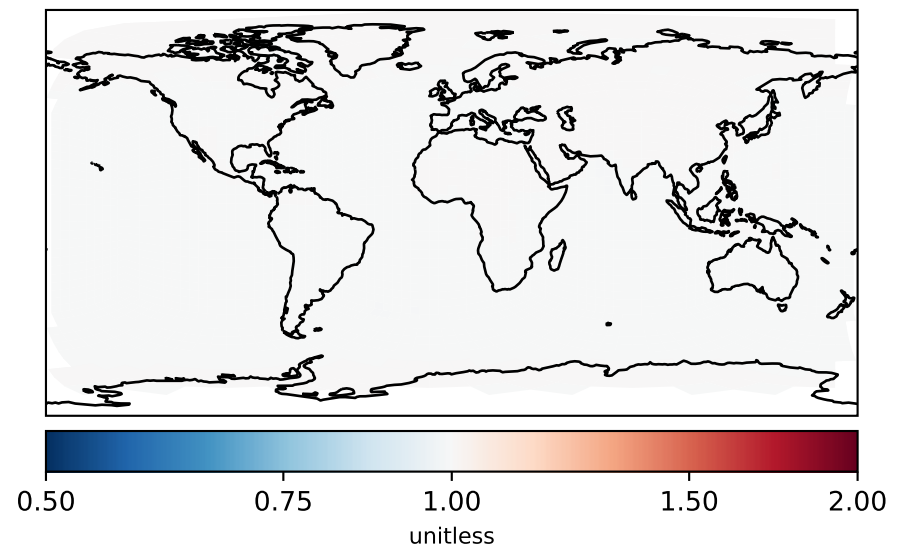
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



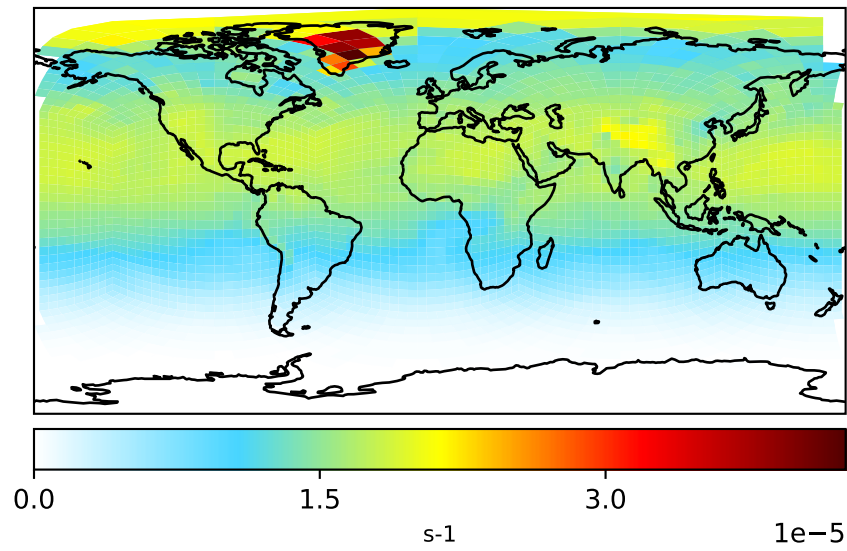
Ratio  
Dev/Ref, Fixed Range



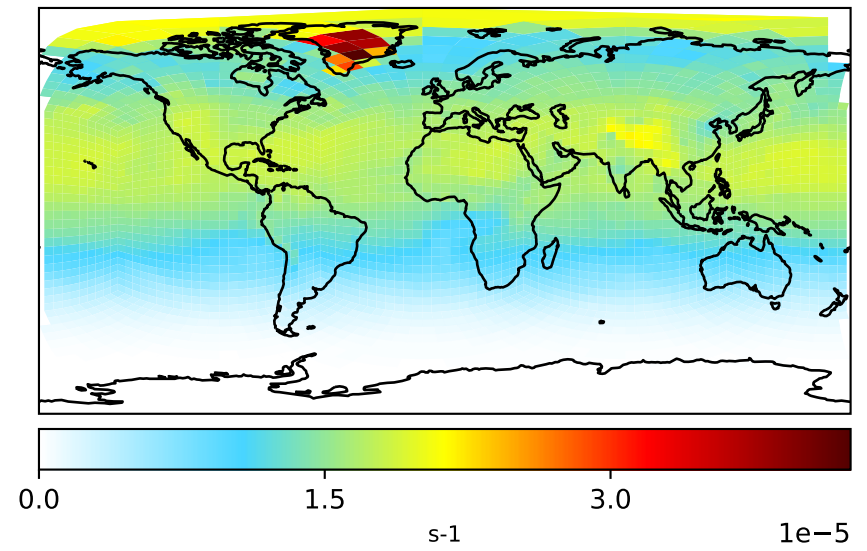


# Jval\_HPALD4

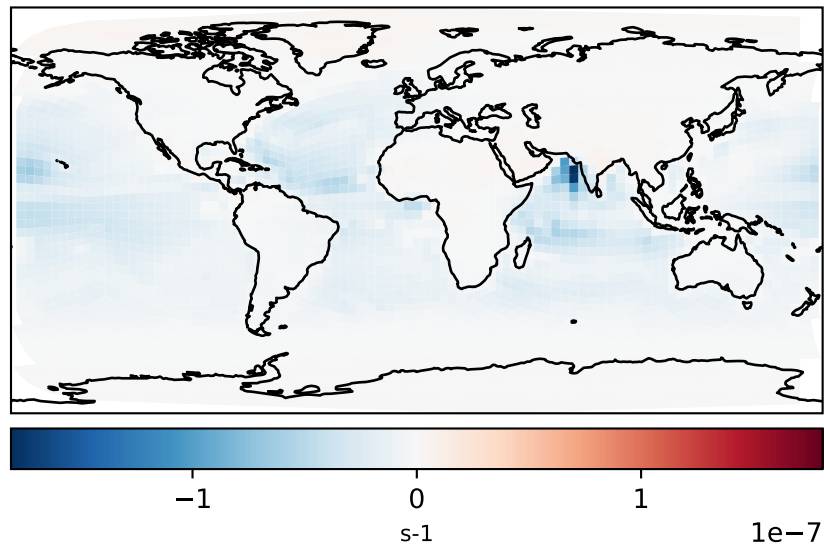
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



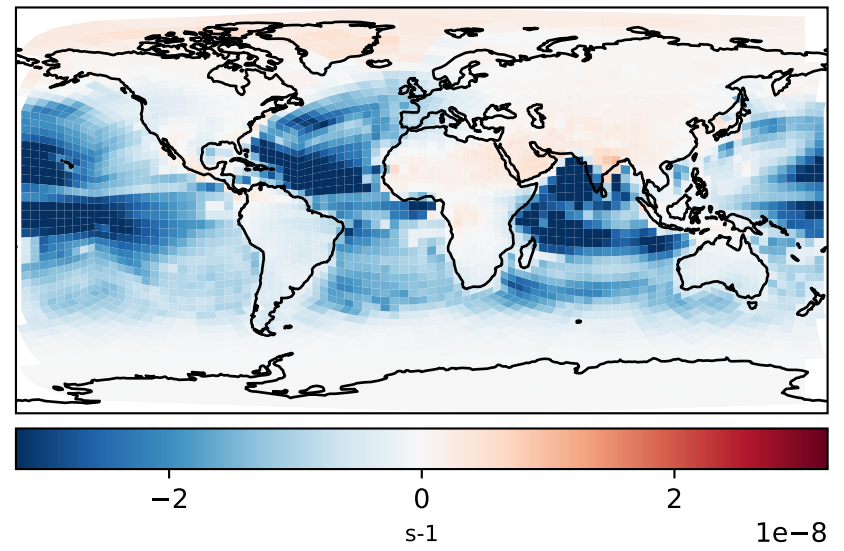
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



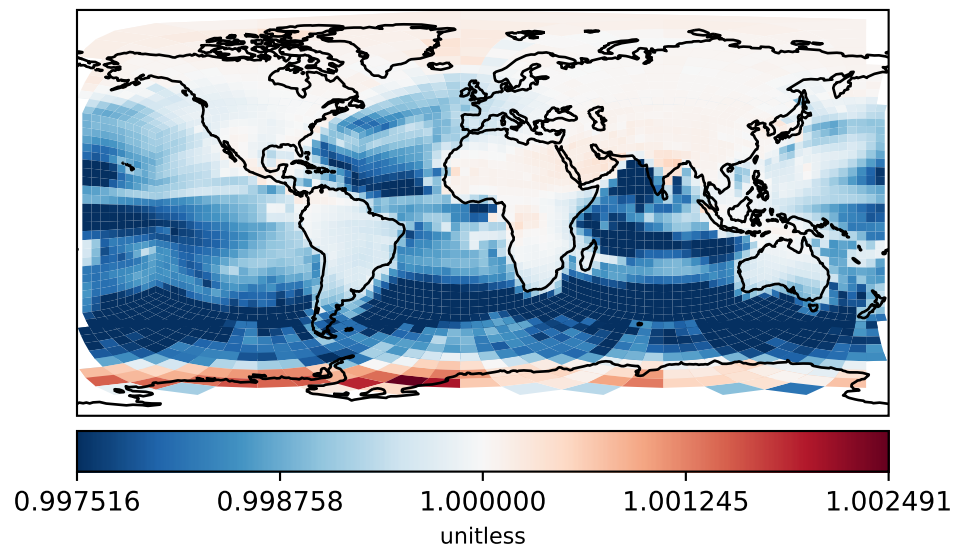
Difference  
Dev - Ref, Dynamic Range



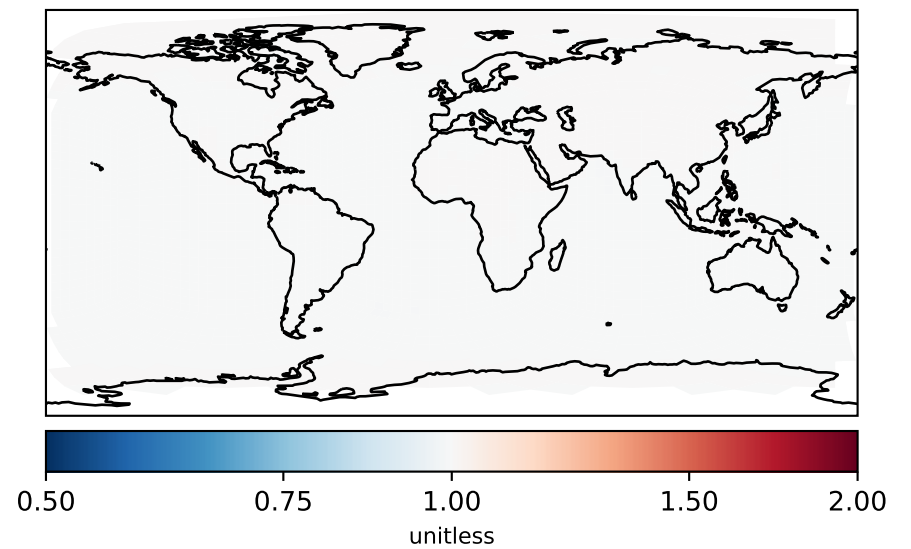
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

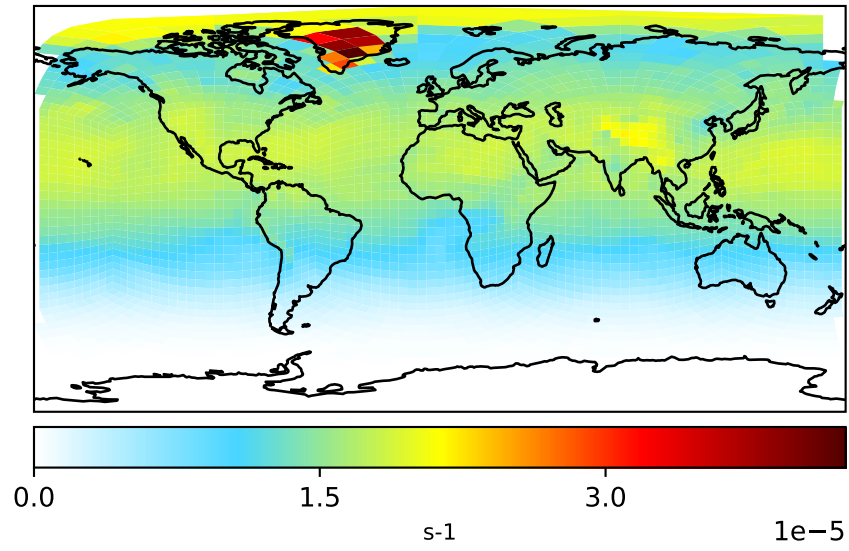


Ratio  
Dev/Ref, Fixed Range

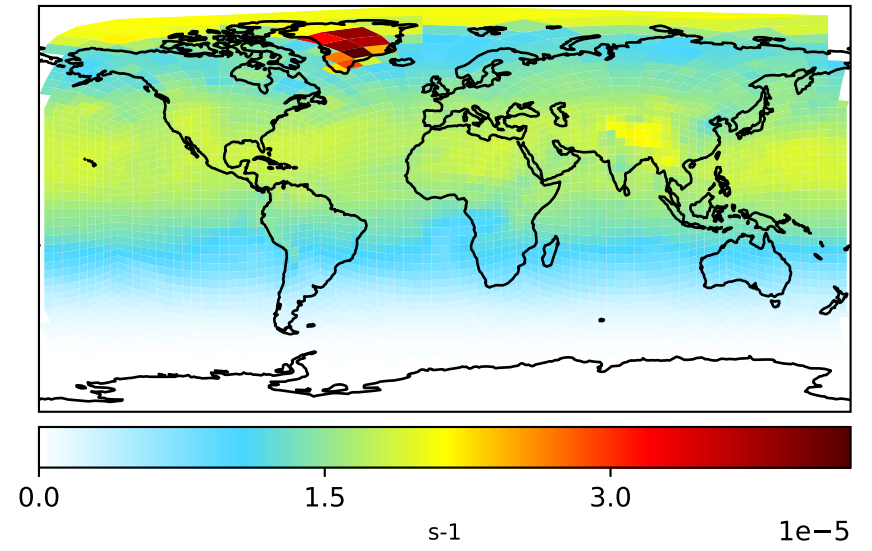


# Jval\_HPETHNL

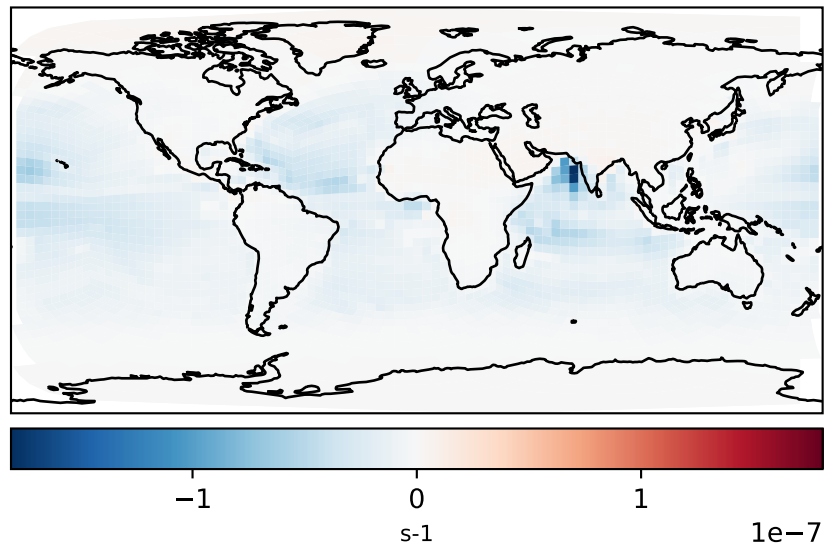
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



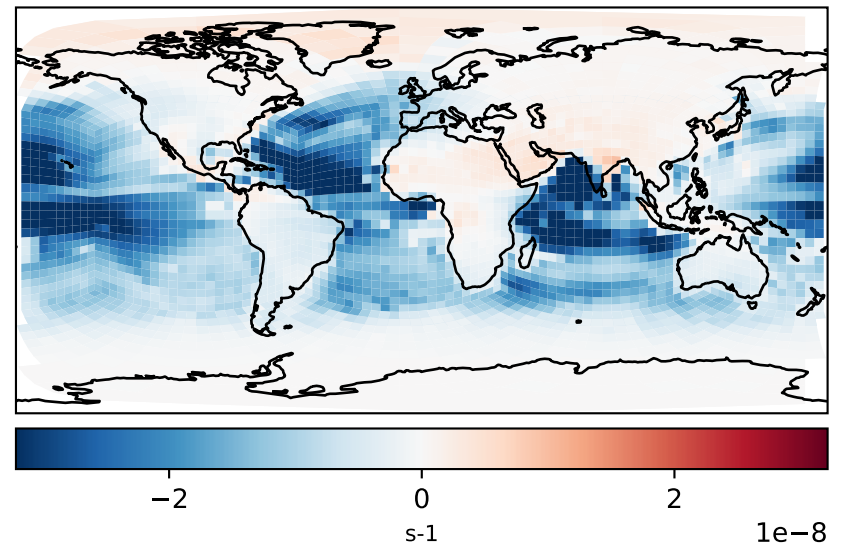
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



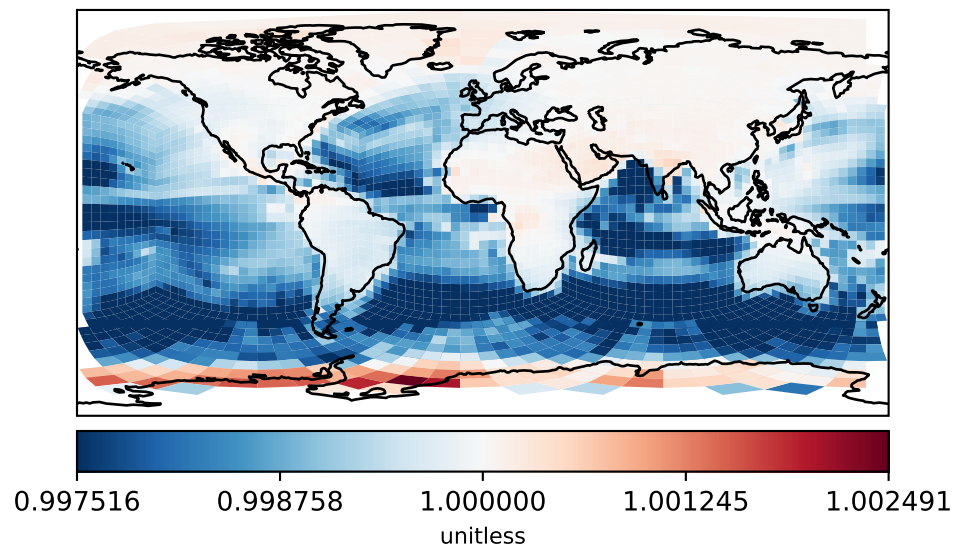
Difference  
Dev - Ref, Dynamic Range



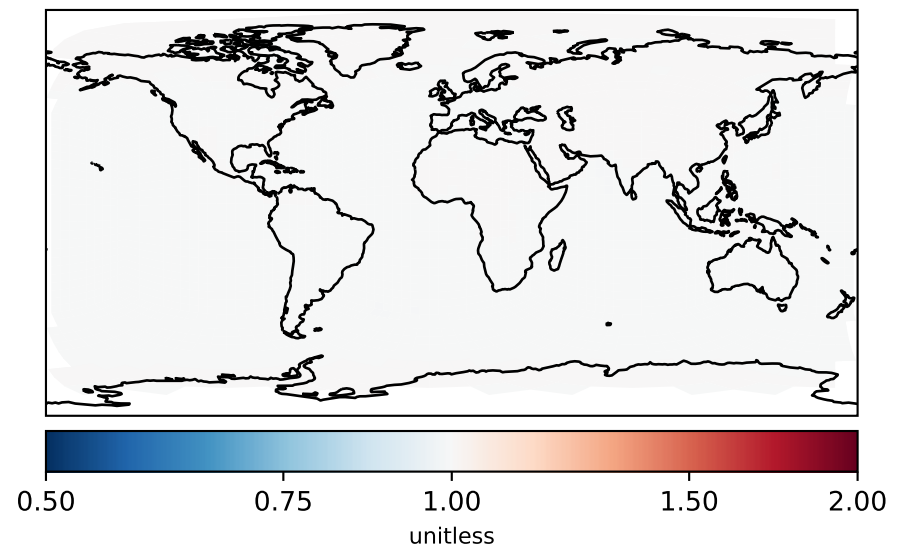
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

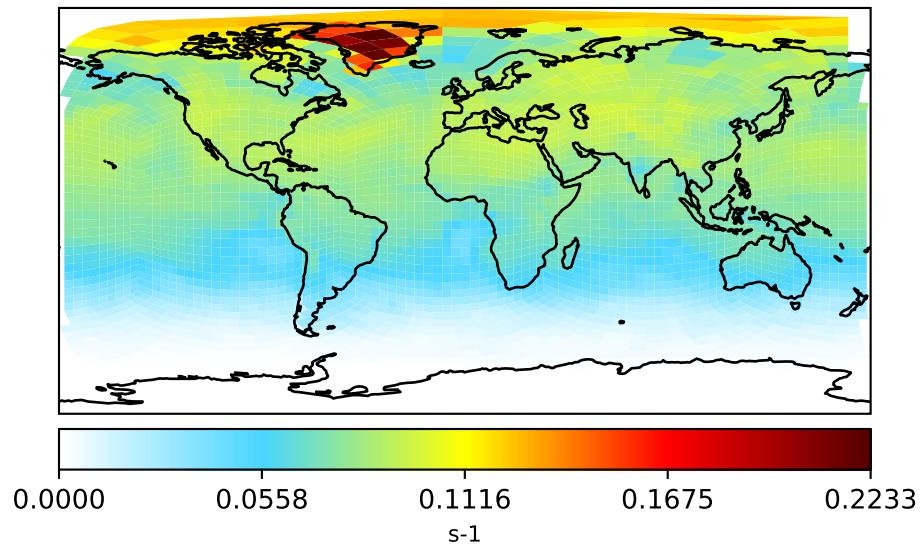


Ratio  
Dev/Ref, Fixed Range

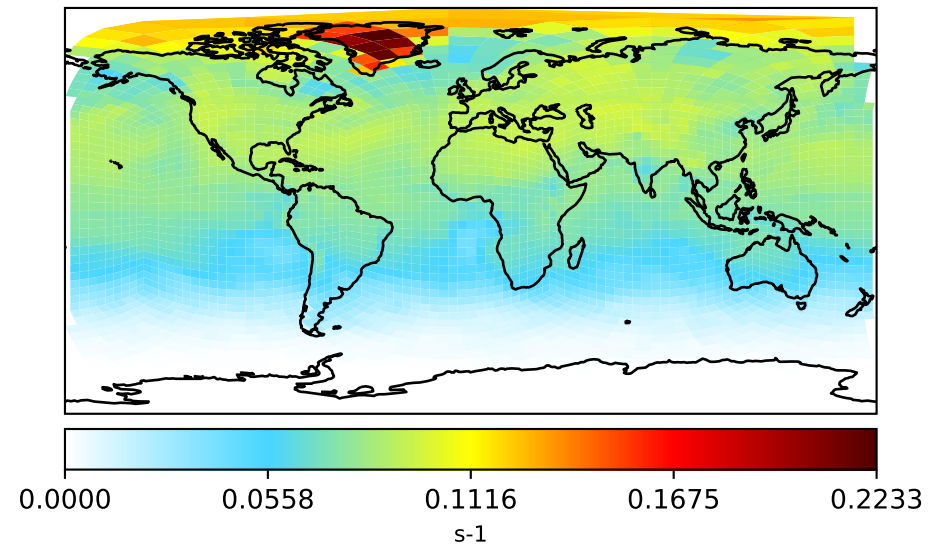


# Jval\_I2

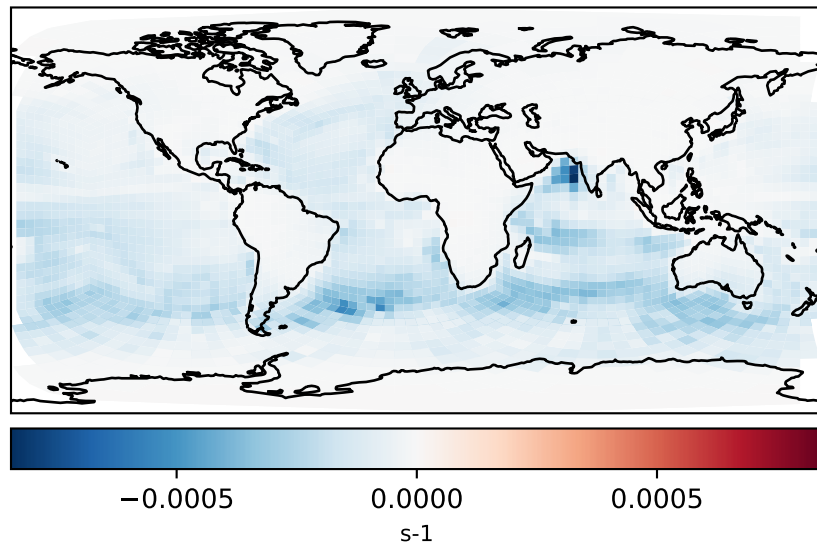
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



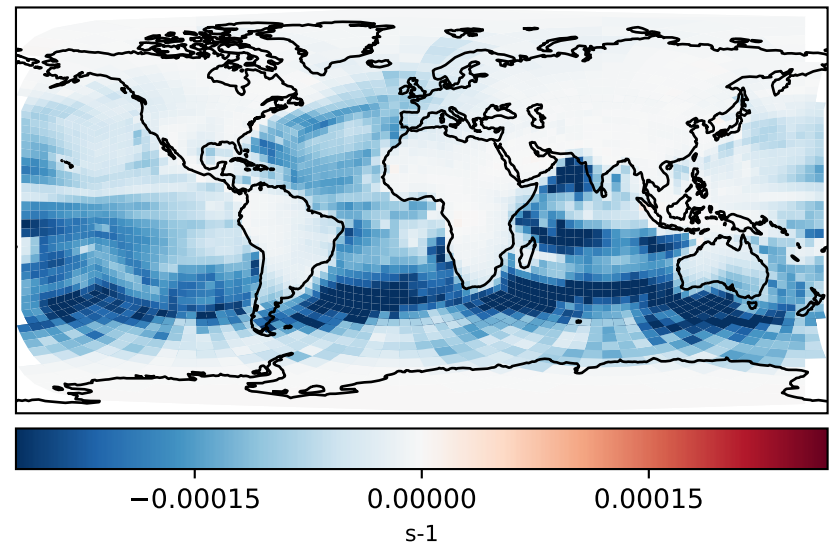
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



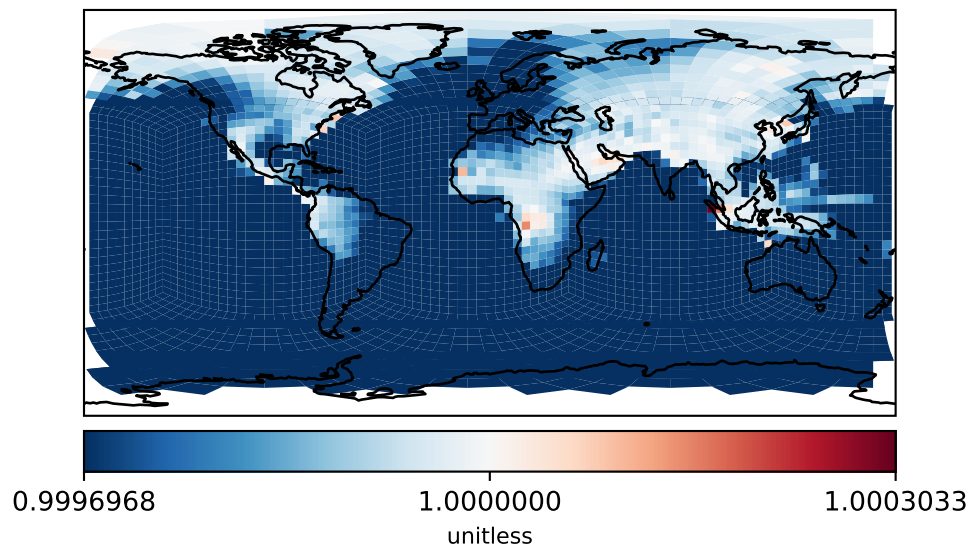
Difference  
Dev - Ref, Dynamic Range



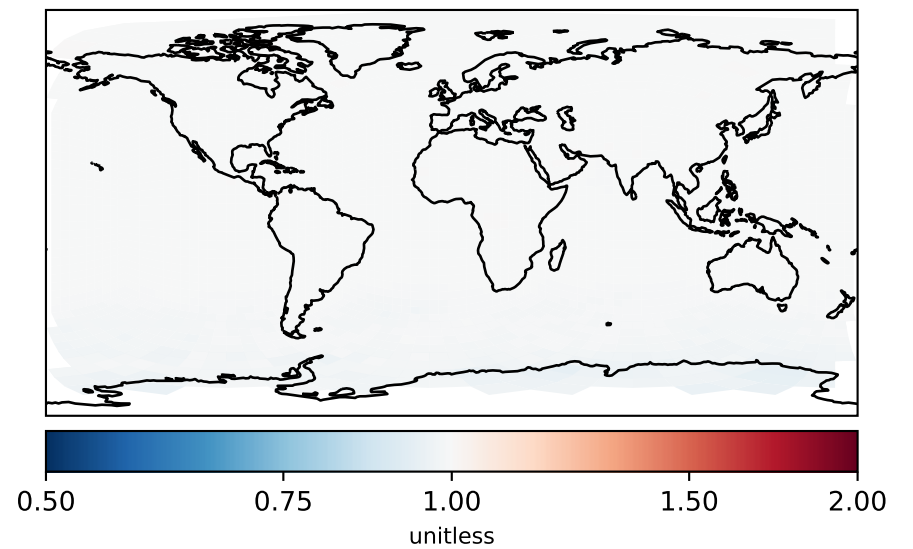
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

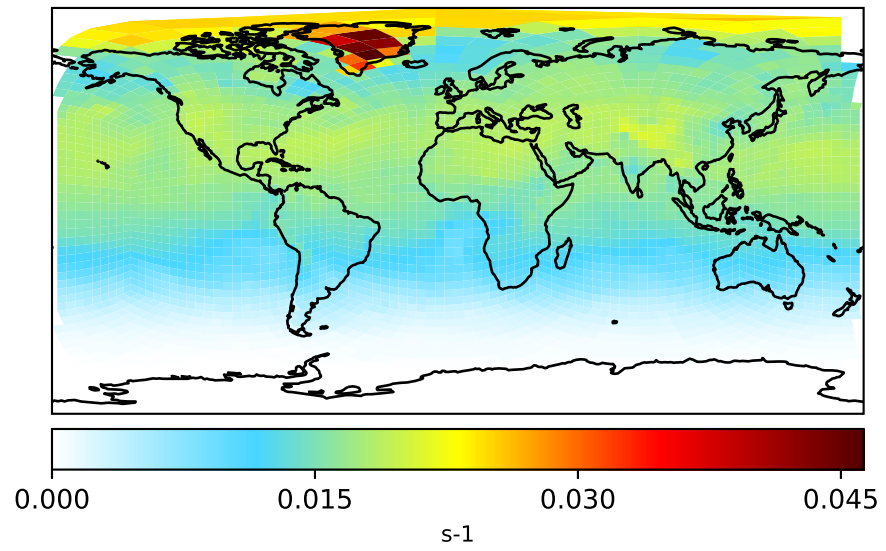


Ratio  
Dev/Ref, Fixed Range

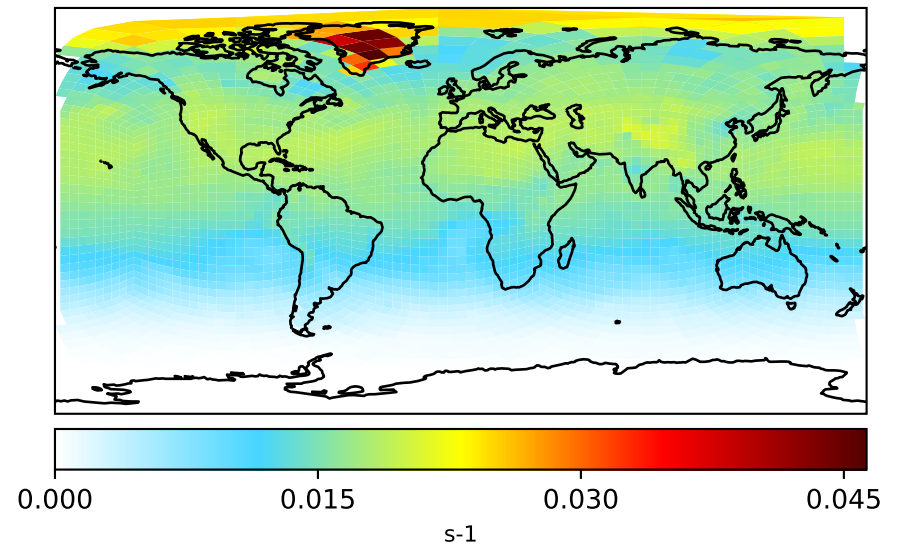


# Jval\_I202

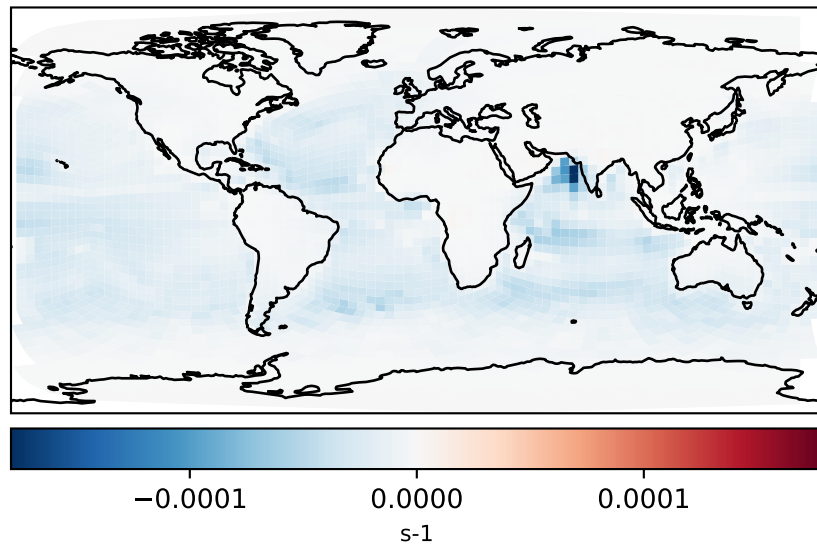
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



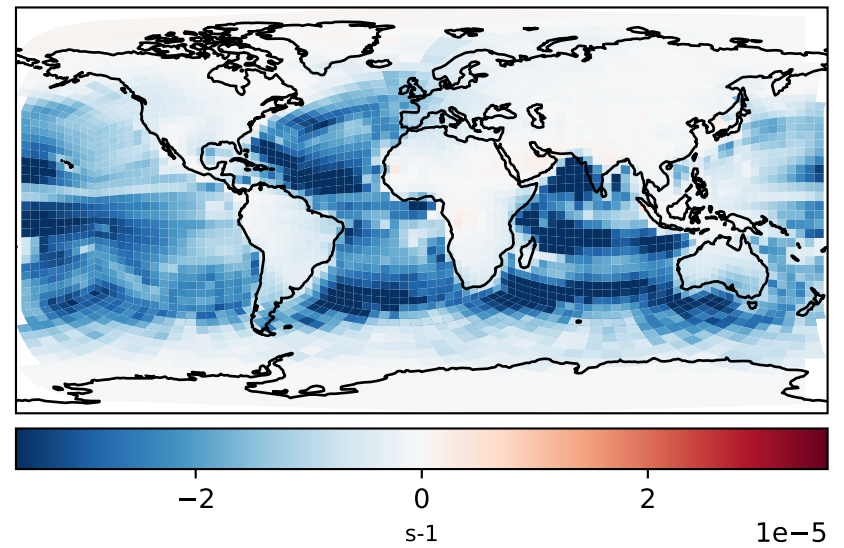
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



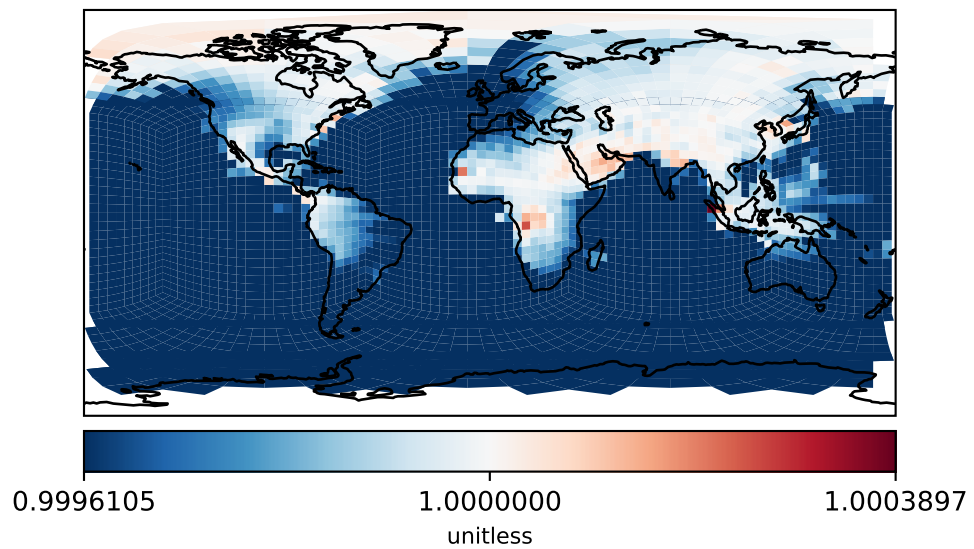
Difference  
Dev - Ref, Dynamic Range



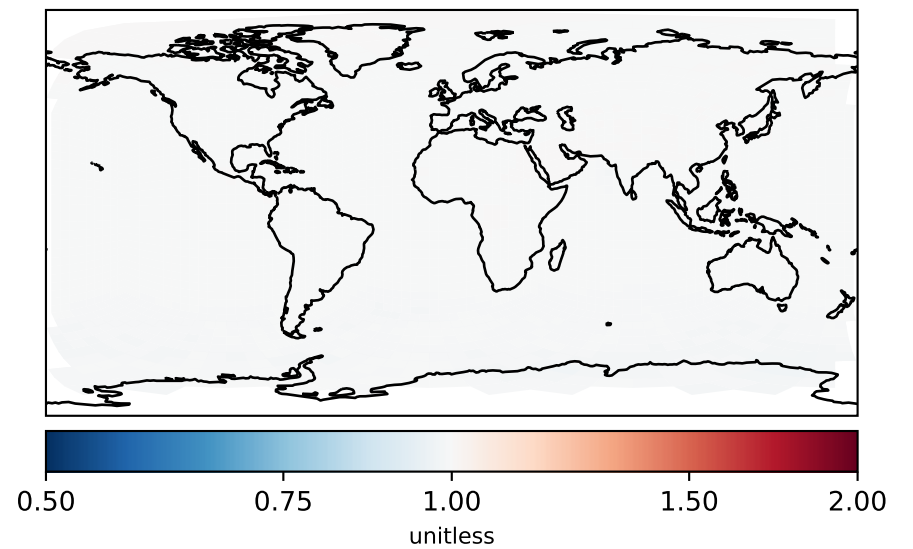
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

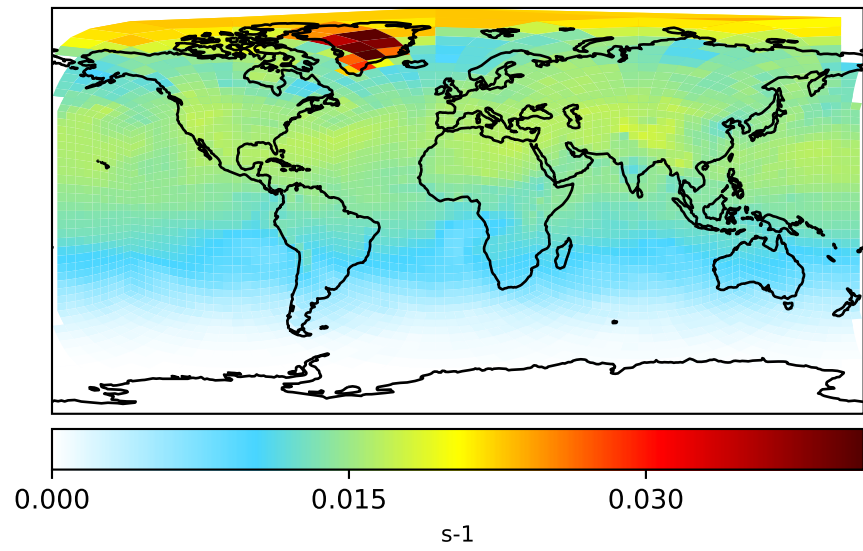


Ratio  
Dev/Ref, Fixed Range

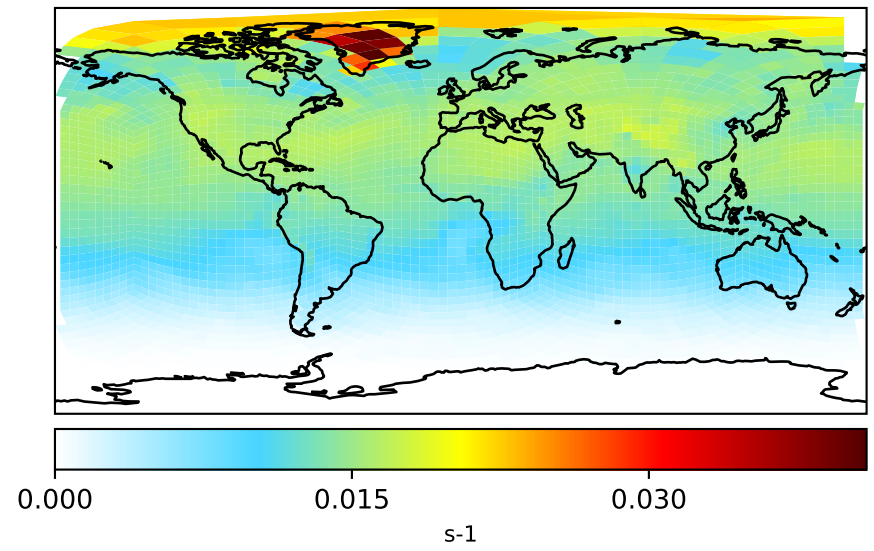


# Jval\_I203

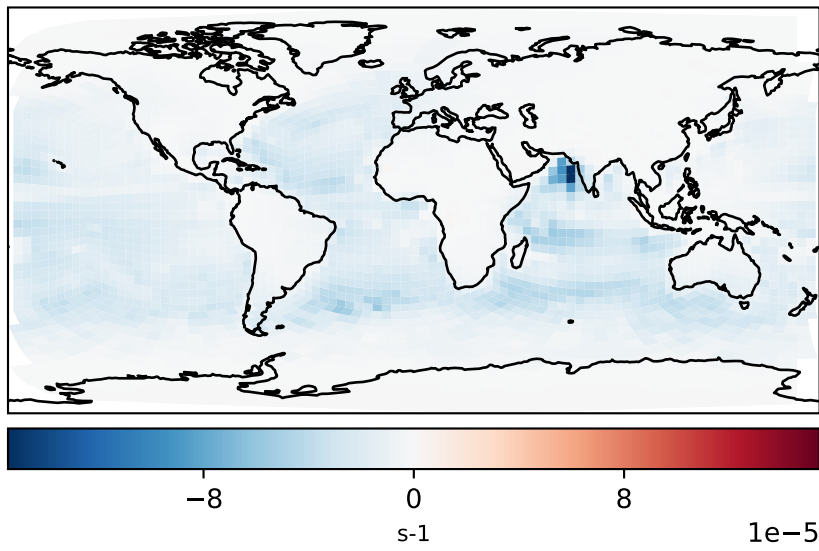
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



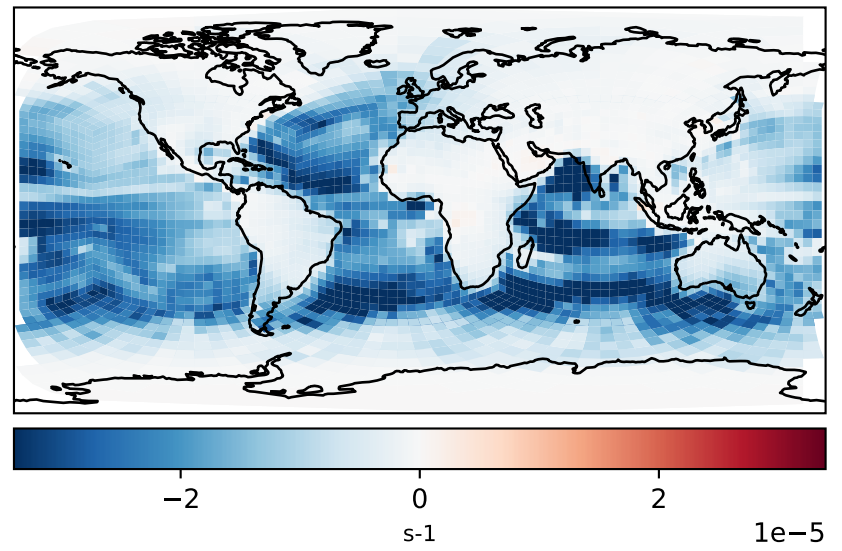
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



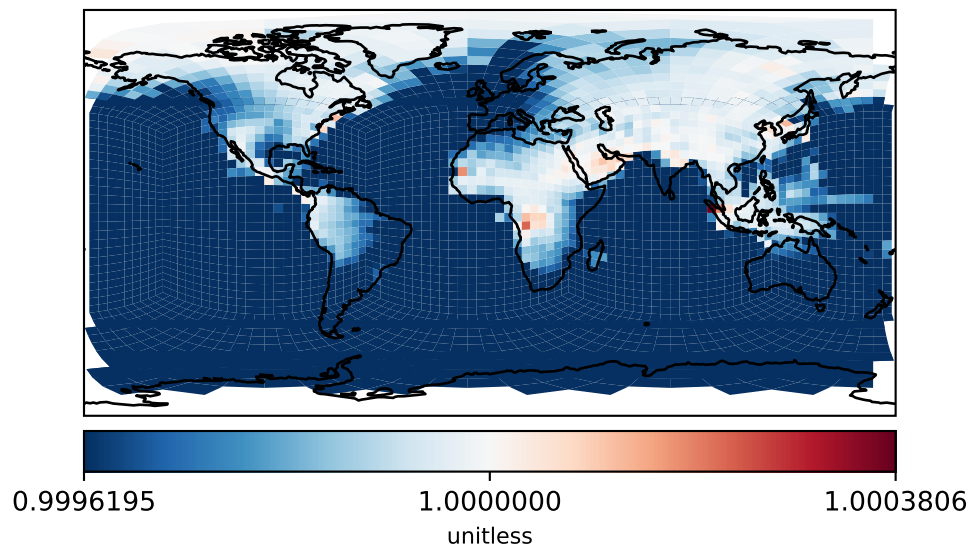
Difference  
Dev - Ref, Dynamic Range



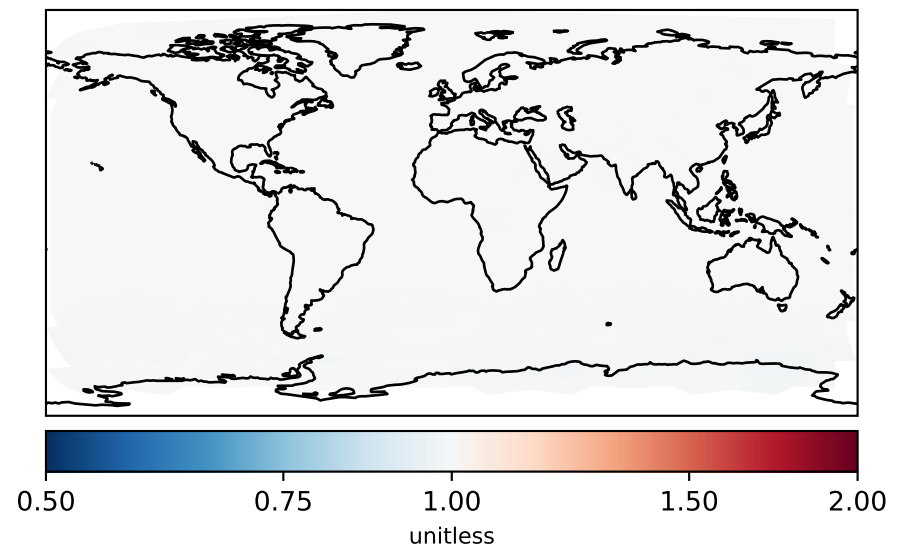
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

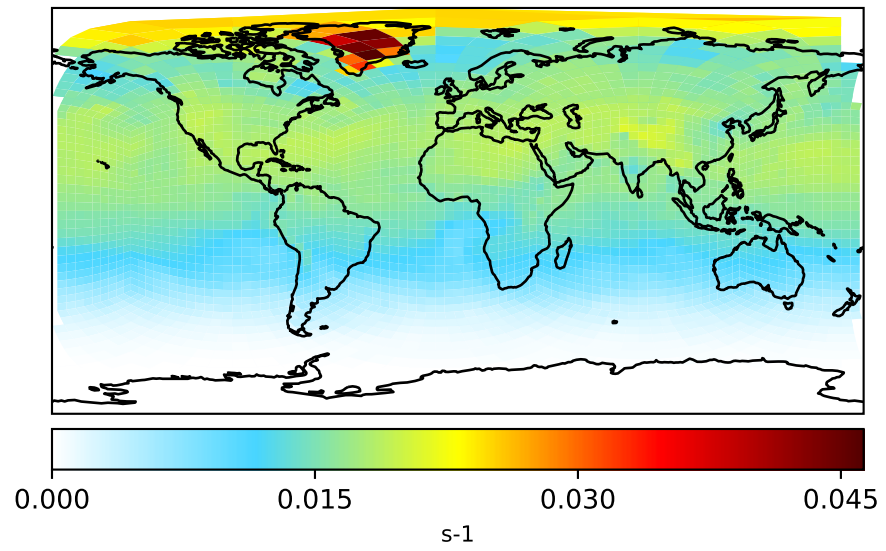


Ratio  
Dev/Ref, Fixed Range

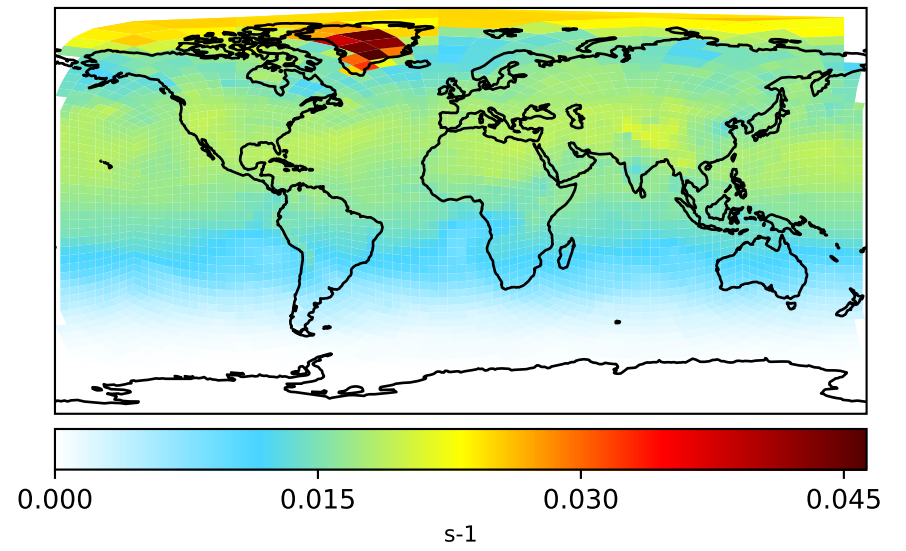


# Jval\_I204

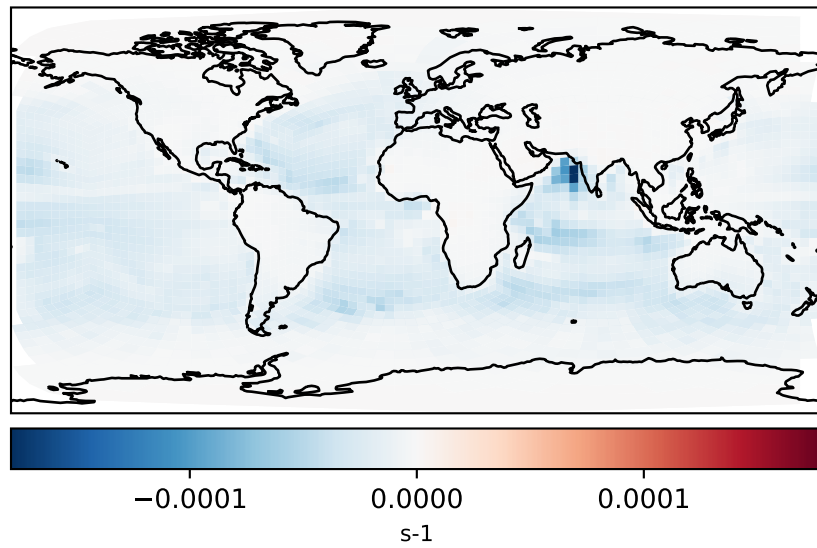
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



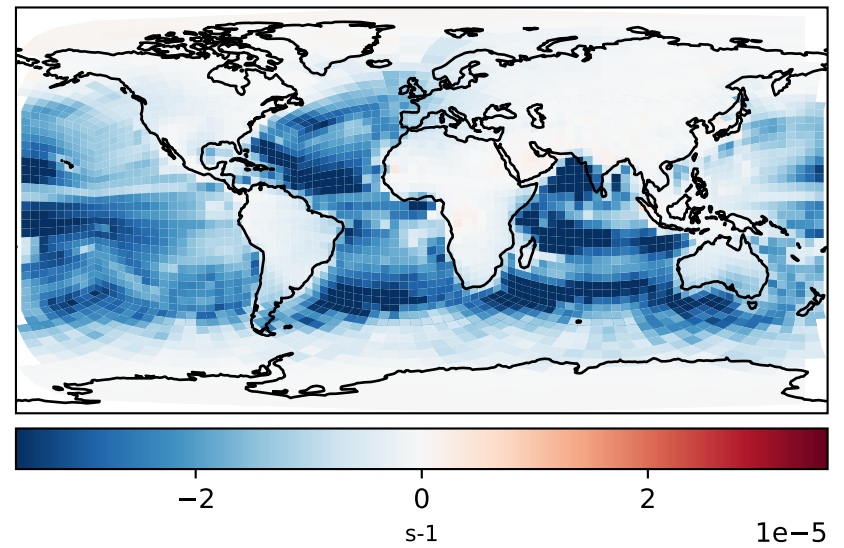
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



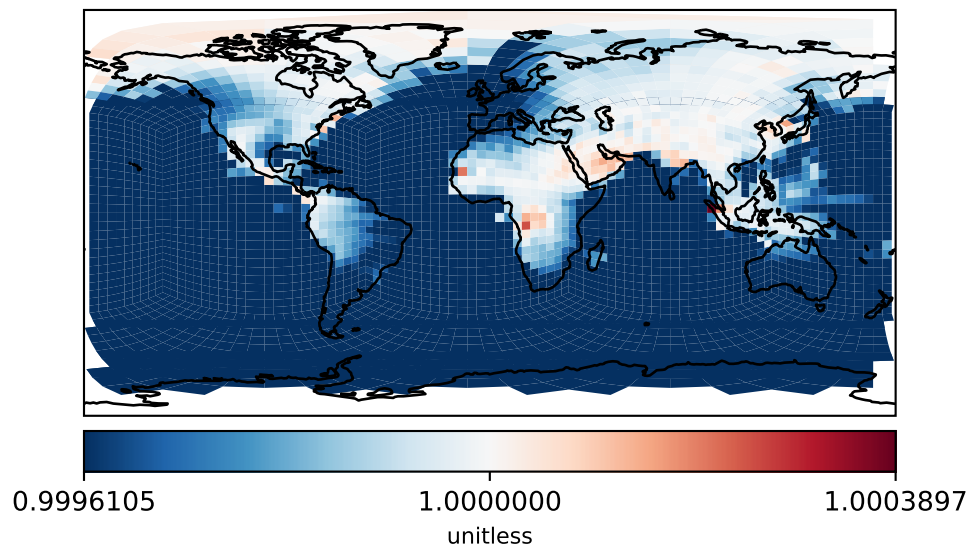
Difference  
Dev - Ref, Dynamic Range



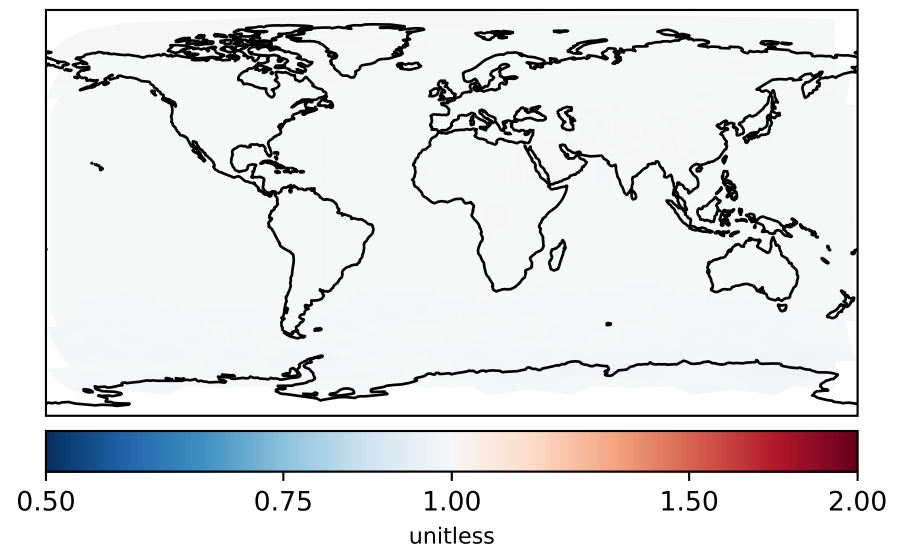
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

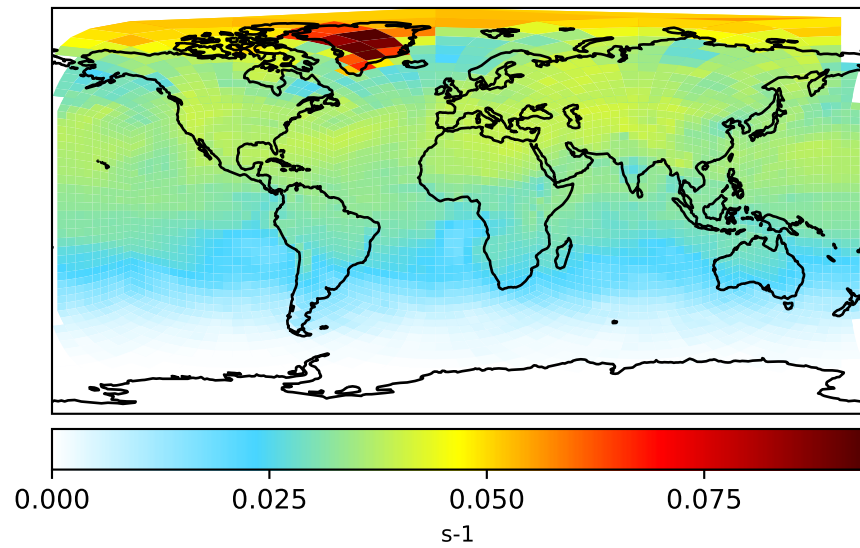


Ratio  
Dev/Ref, Fixed Range

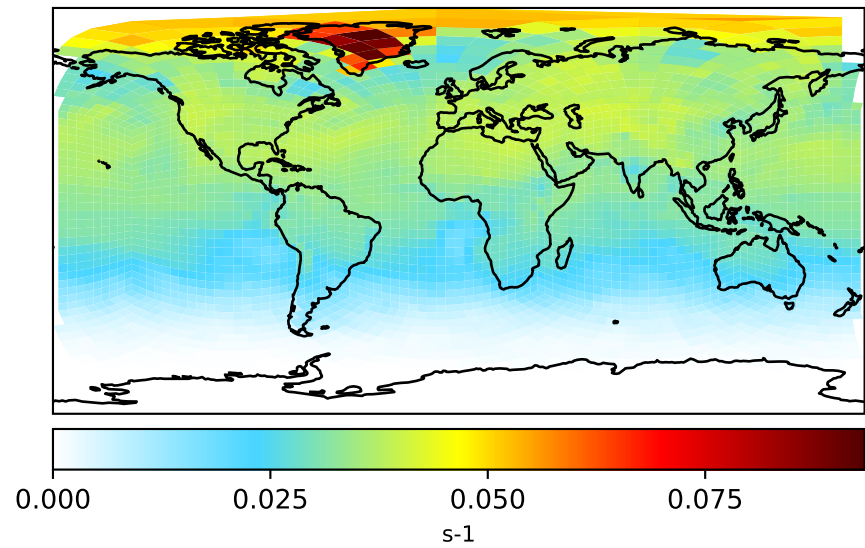


# Jval\_IBr

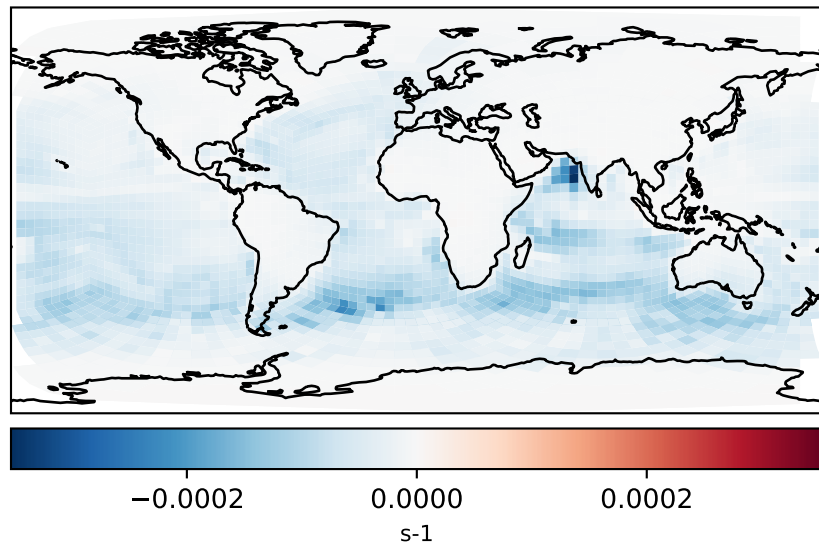
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



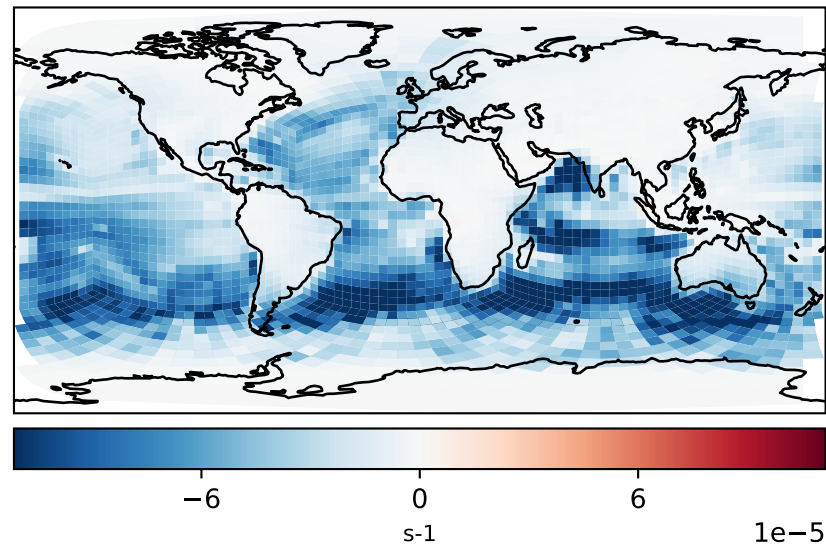
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



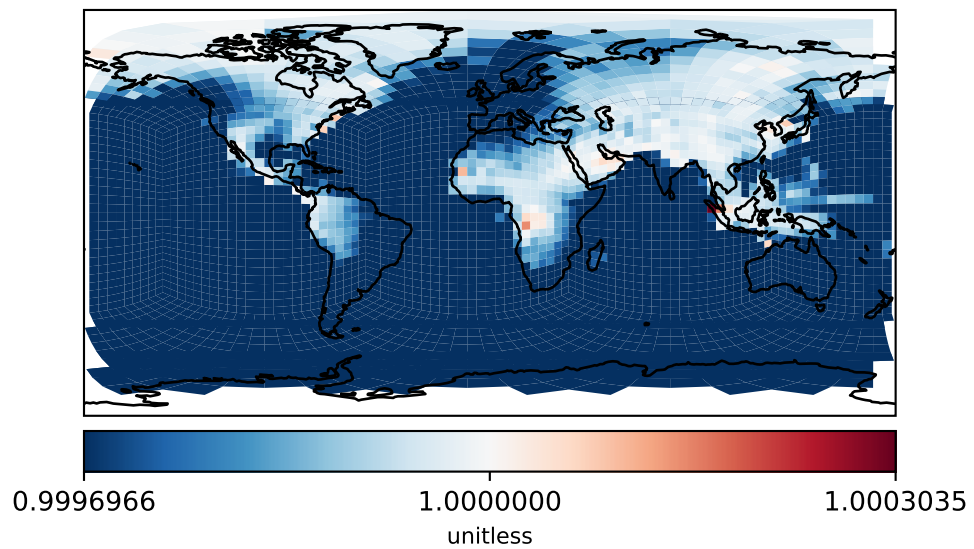
Difference  
Dev - Ref, Dynamic Range



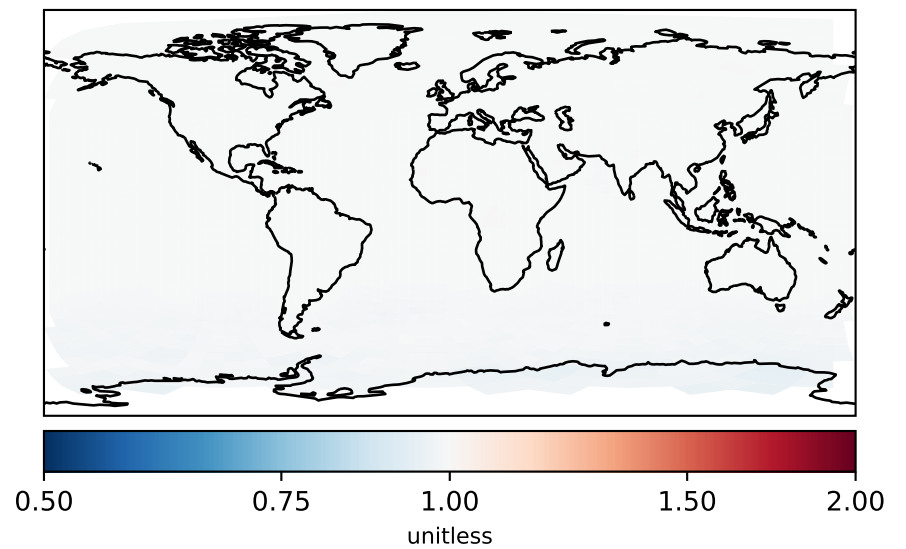
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

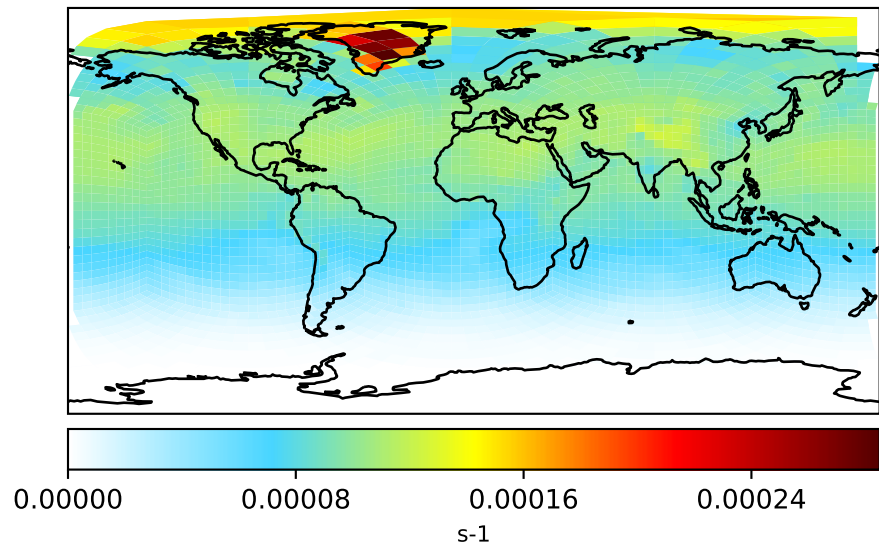


Ratio  
Dev/Ref, Fixed Range

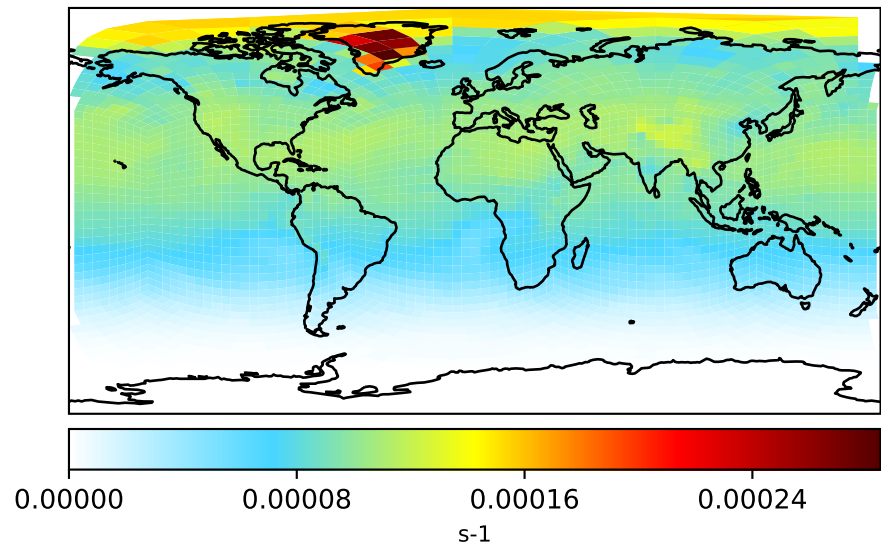


# Jval\_ICN

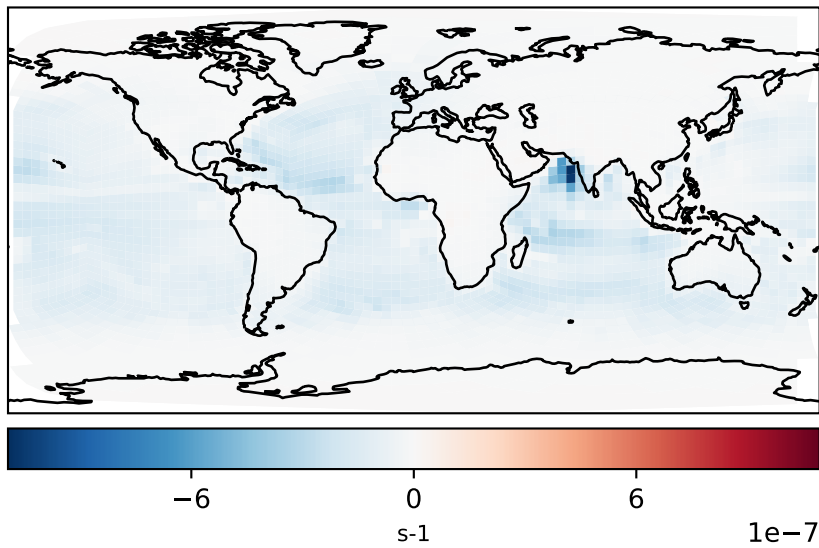
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



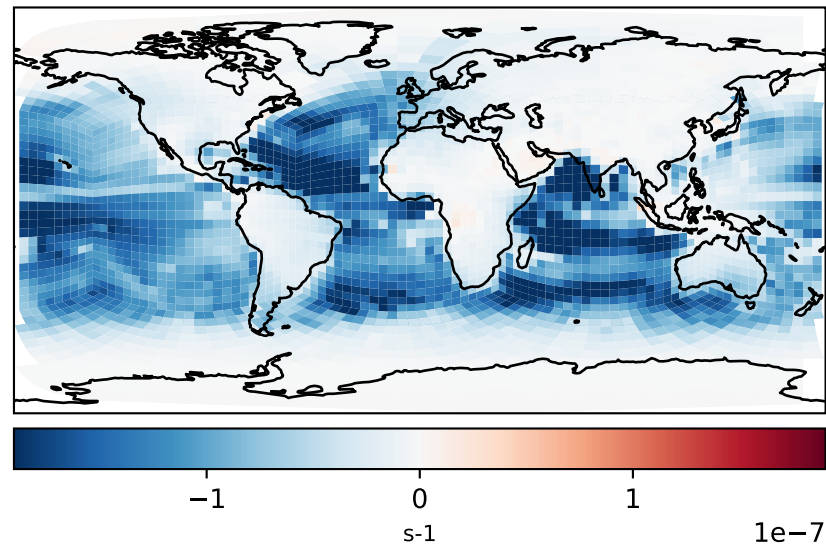
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



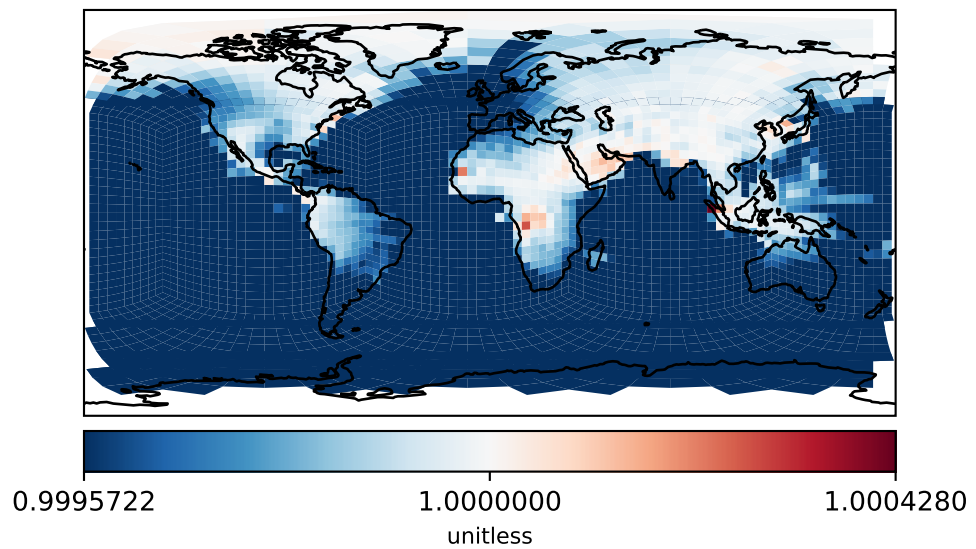
Difference  
Dev - Ref, Dynamic Range



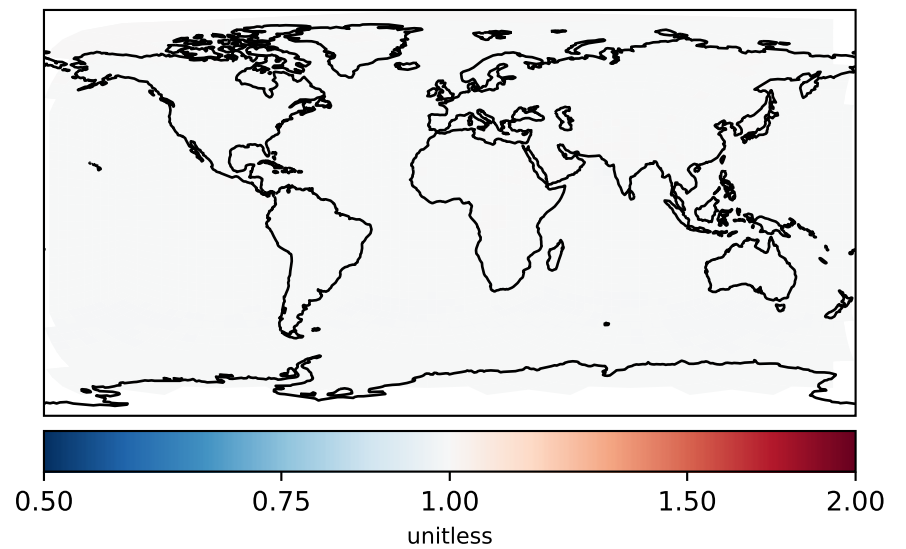
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



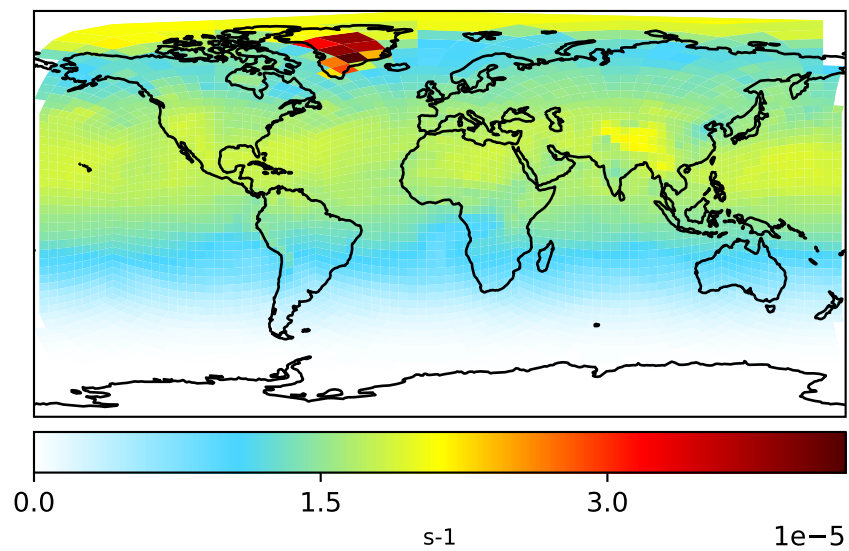
Ratio  
Dev/Ref, Fixed Range



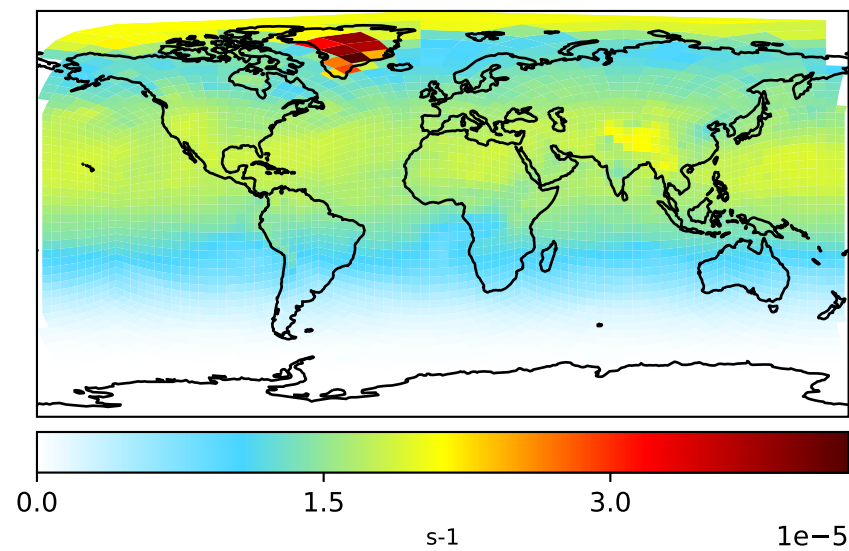


# Jval\_ICPDH

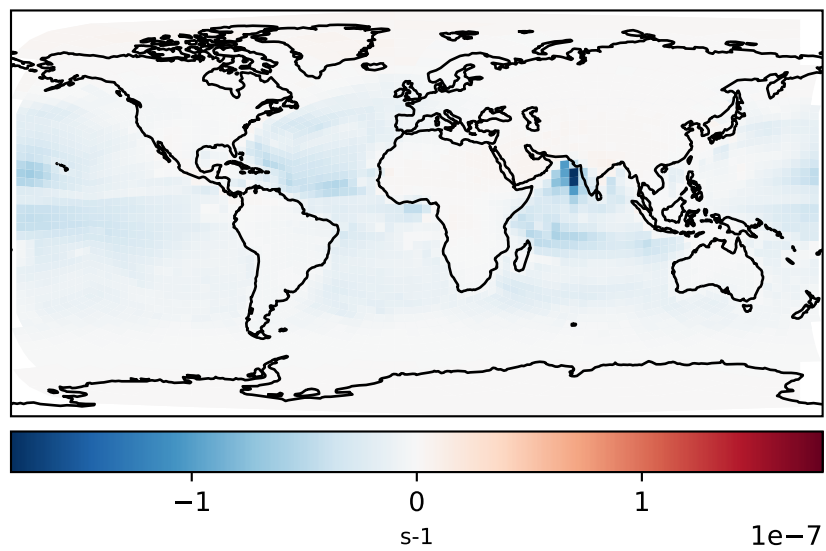
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



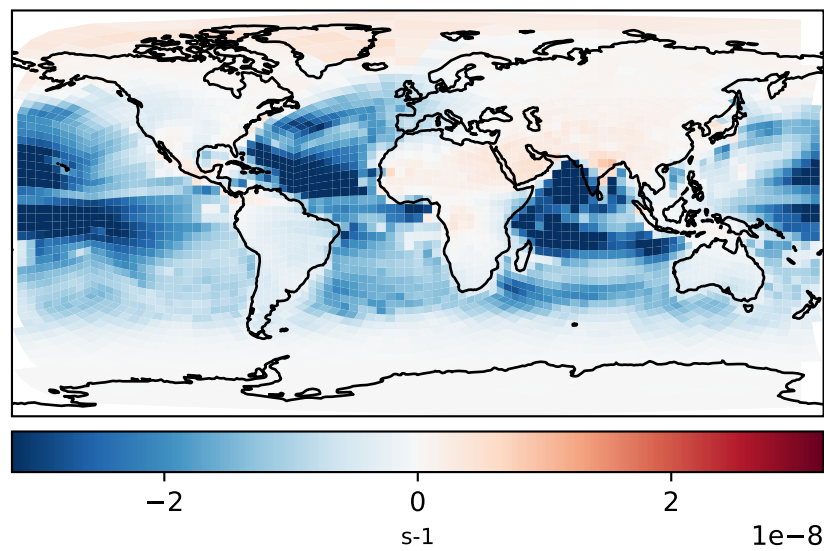
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



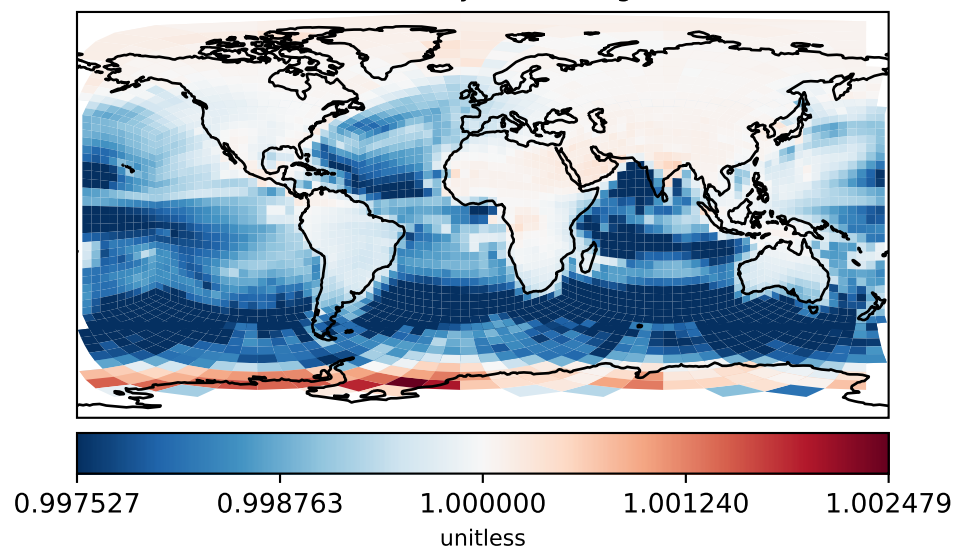
Difference  
Dev - Ref, Dynamic Range



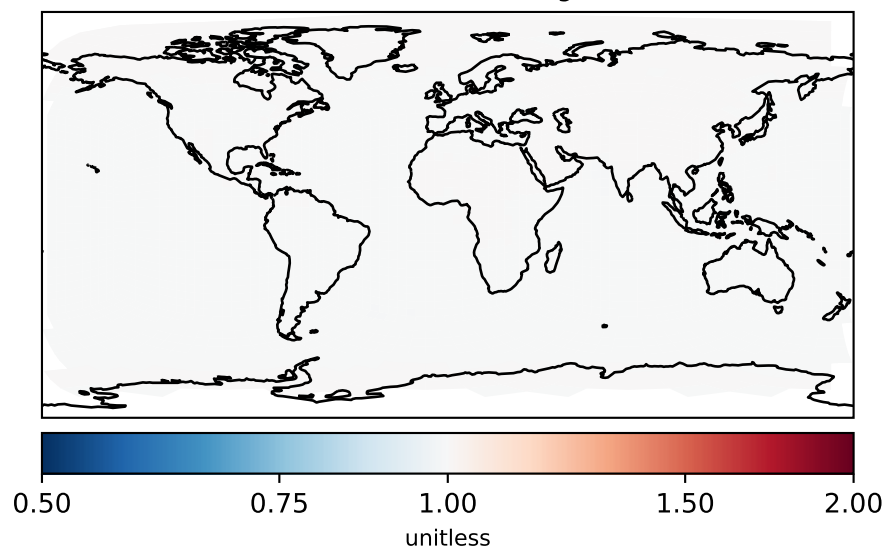
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

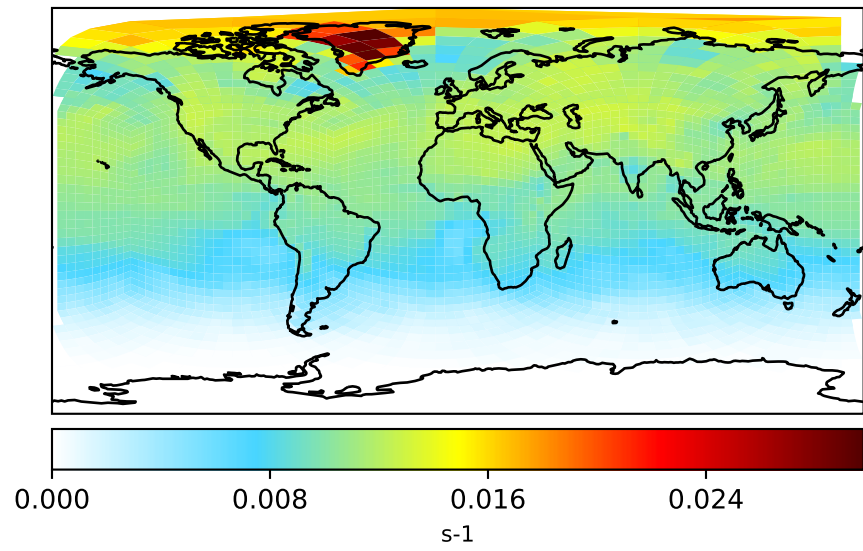


Ratio  
Dev/Ref, Fixed Range

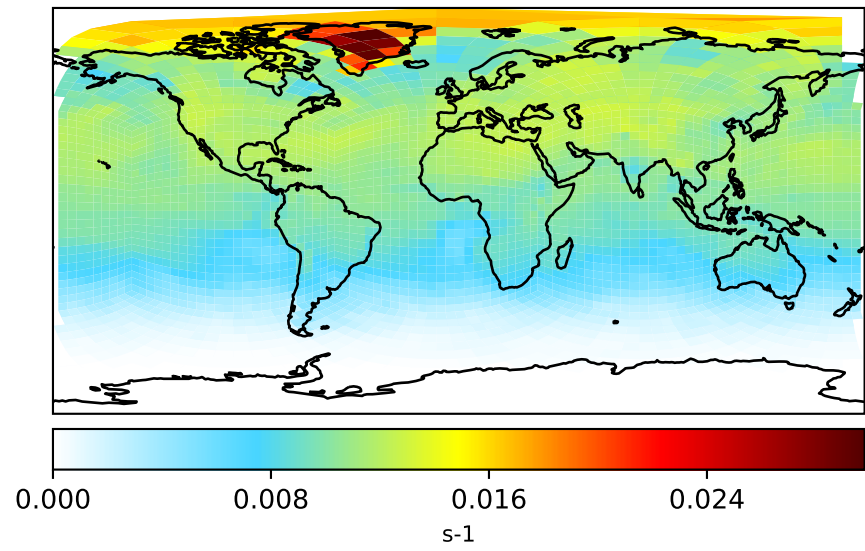


# Jval\_ICI

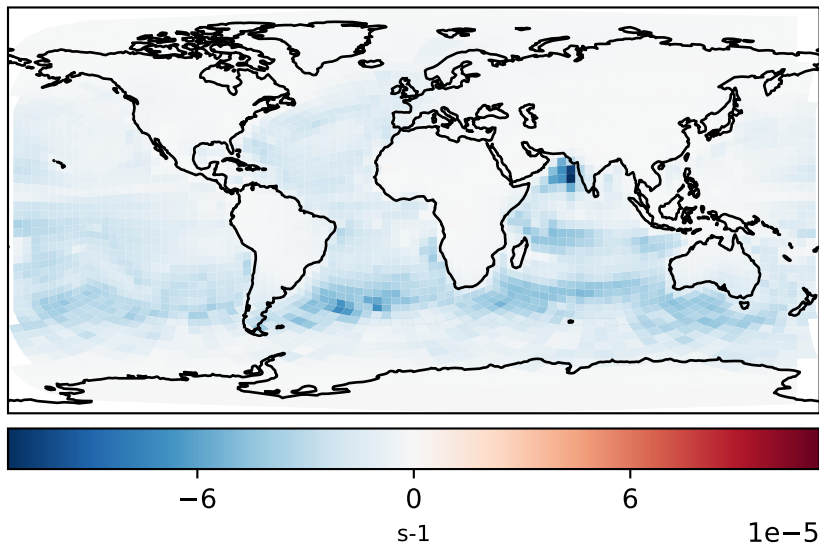
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



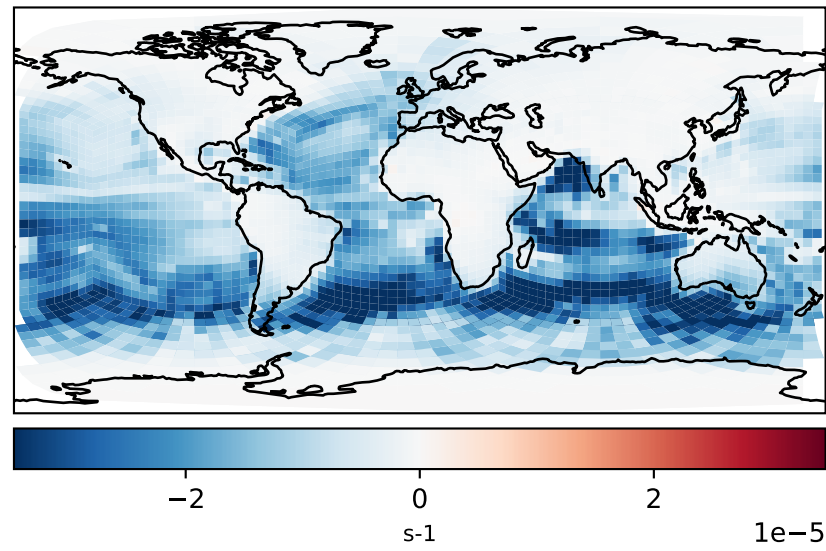
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



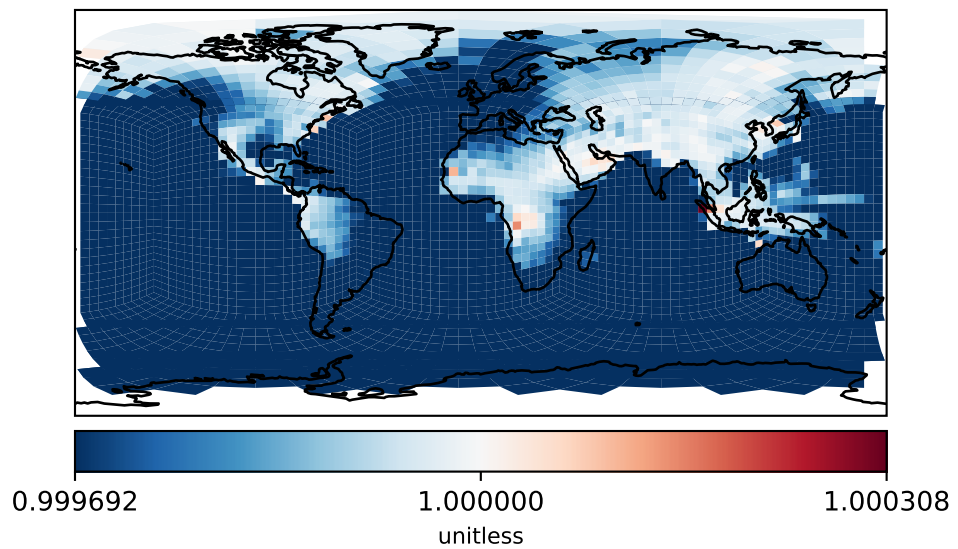
Difference  
Dev - Ref, Dynamic Range



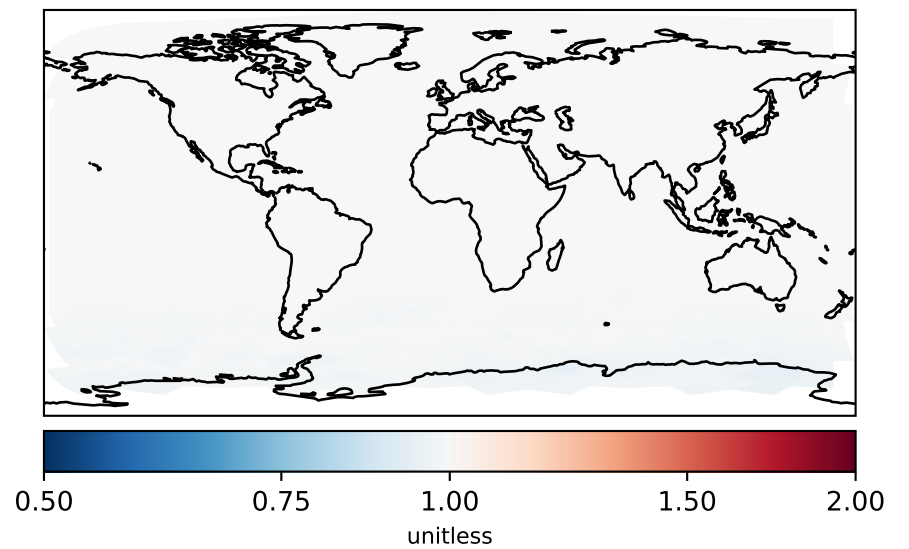
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

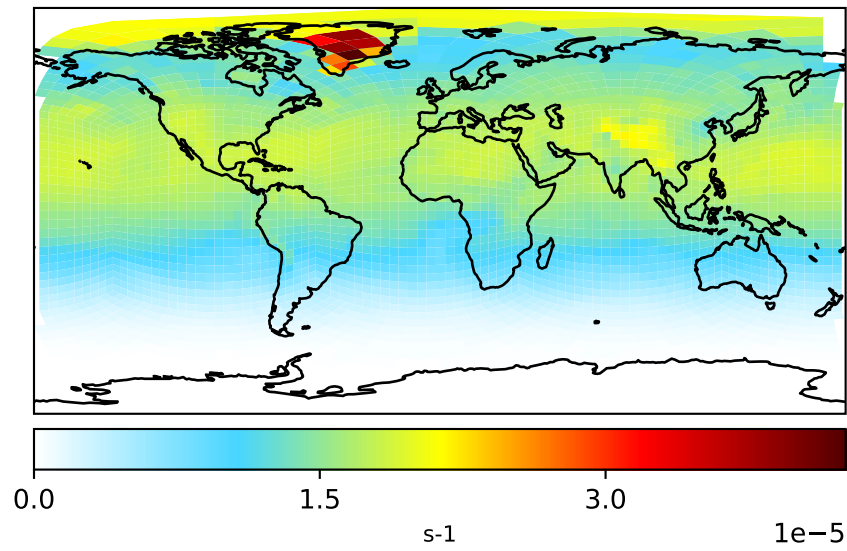


Ratio  
Dev/Ref, Fixed Range

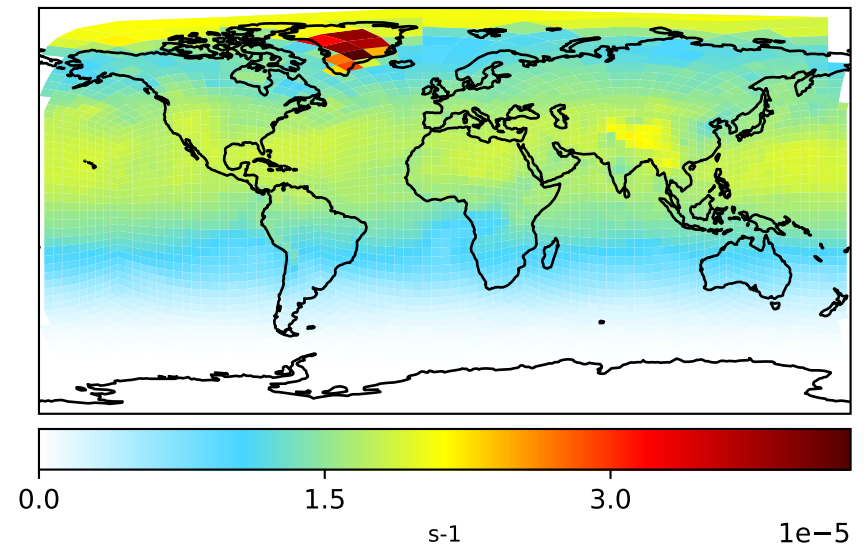


# Jval\_IDCHP

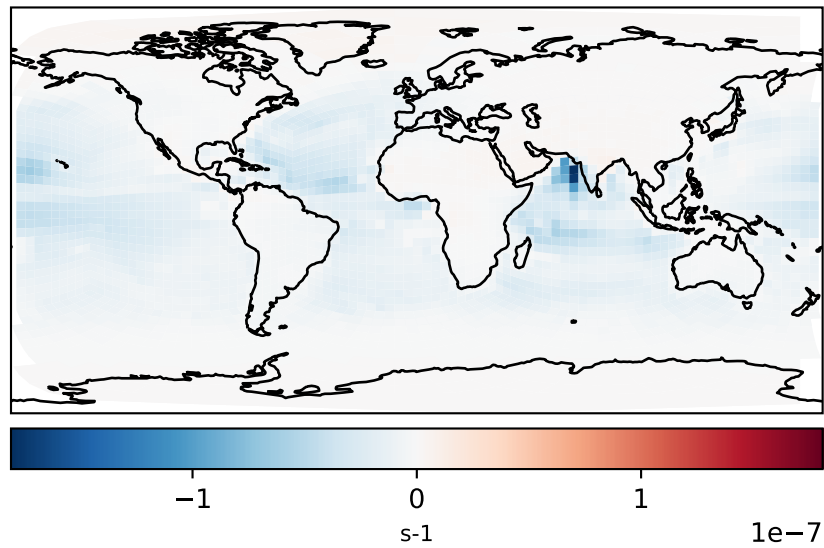
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



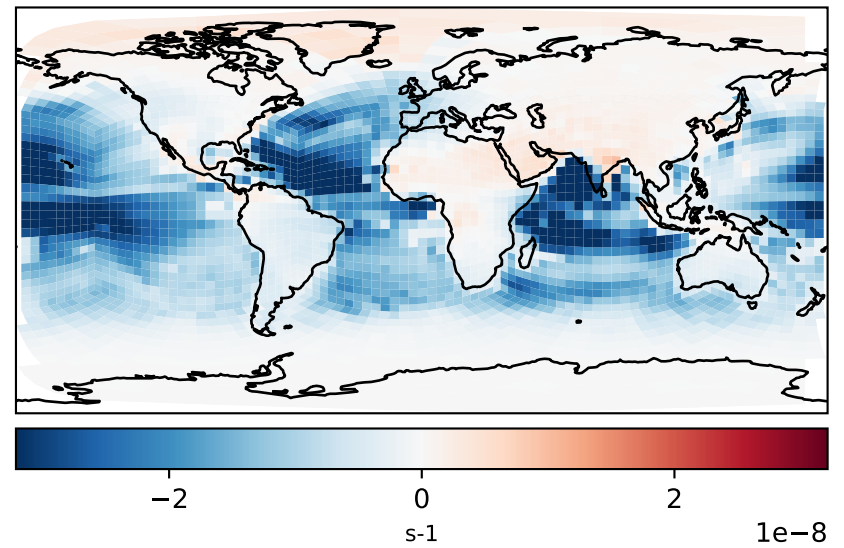
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



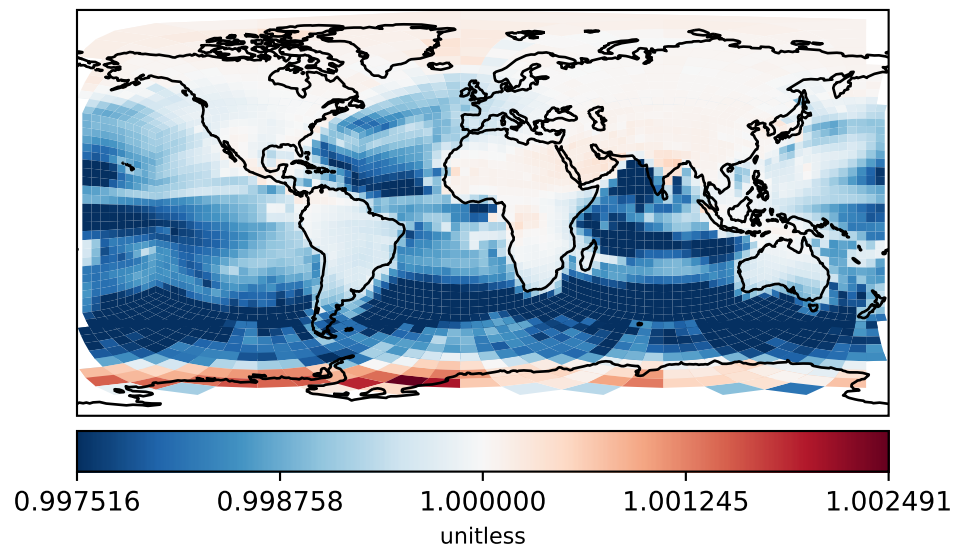
Difference  
Dev - Ref, Dynamic Range



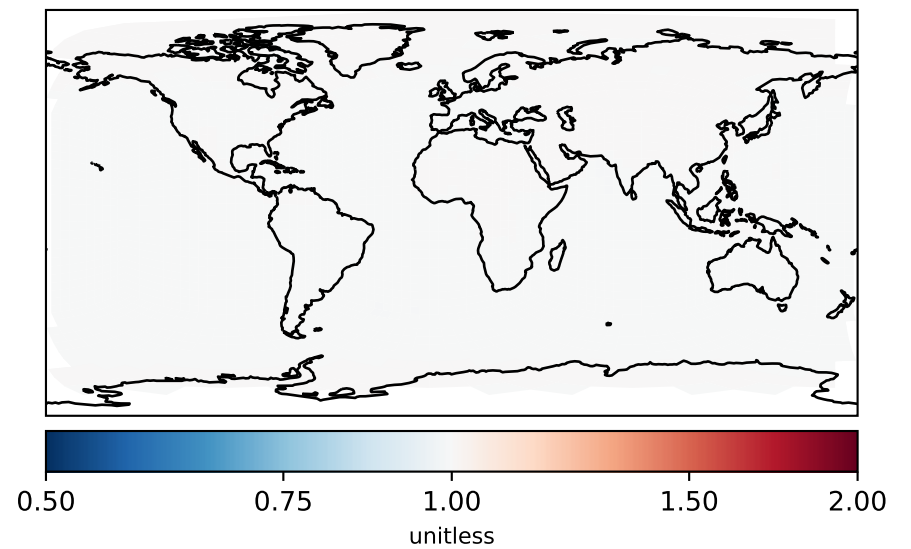
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

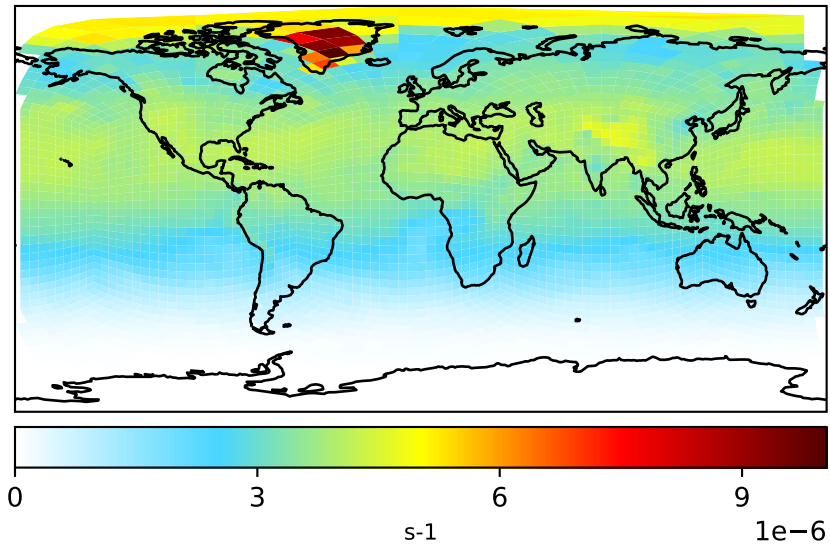


Ratio  
Dev/Ref, Fixed Range

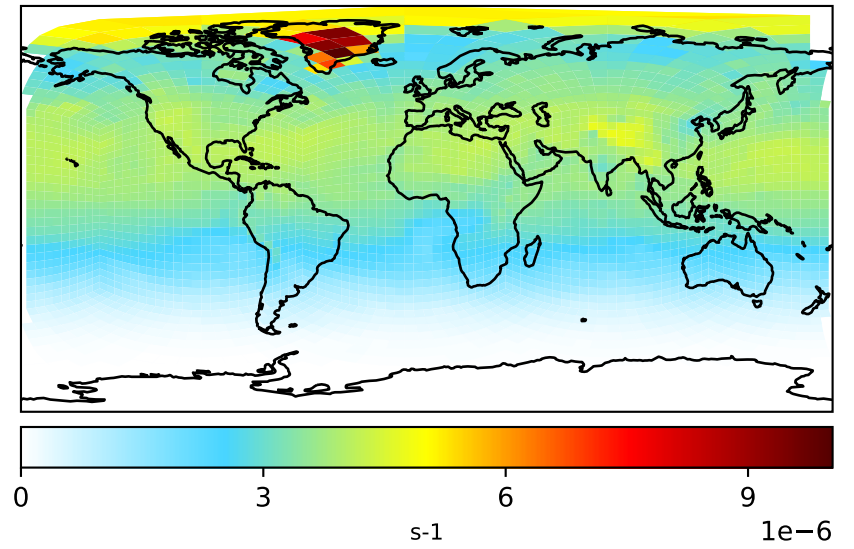


# Jval\_IDHDP

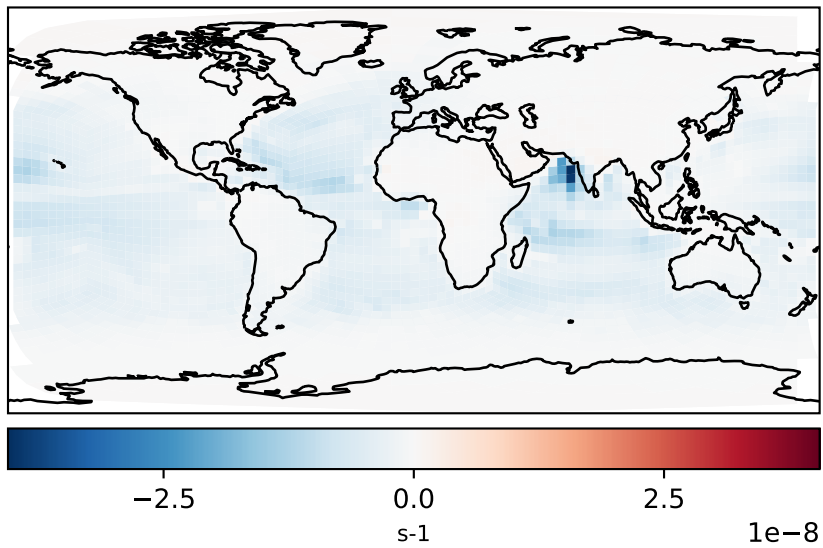
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



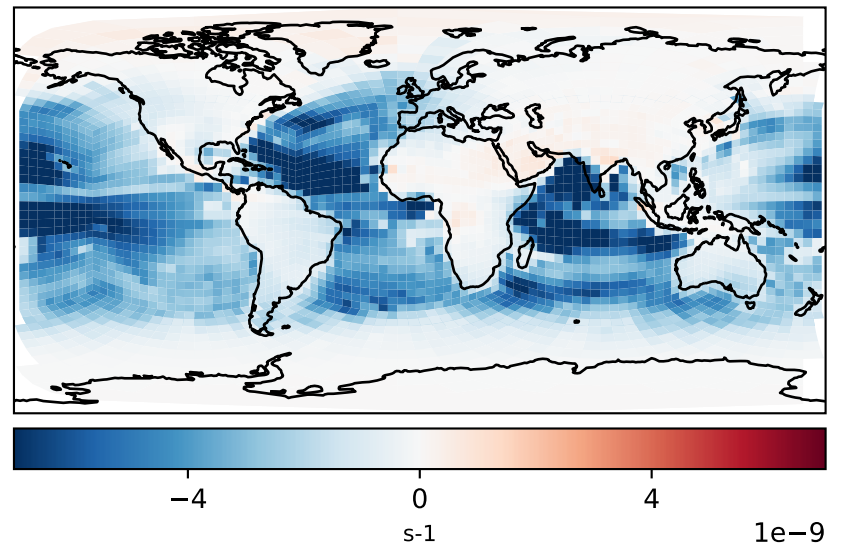
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



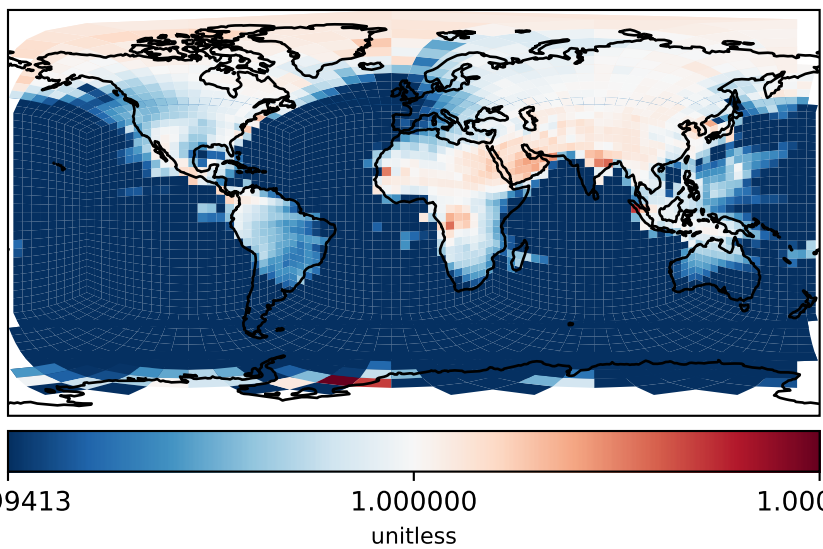
Difference  
Dev - Ref, Dynamic Range



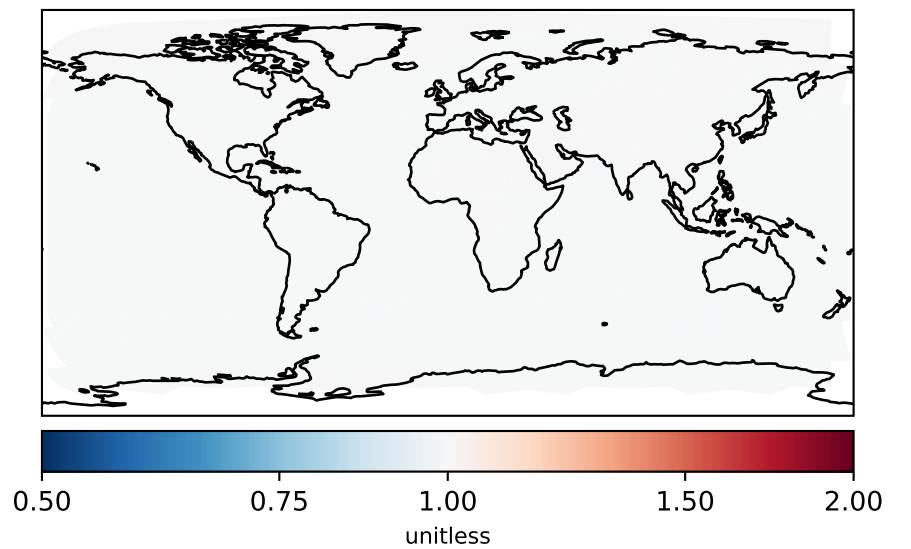
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

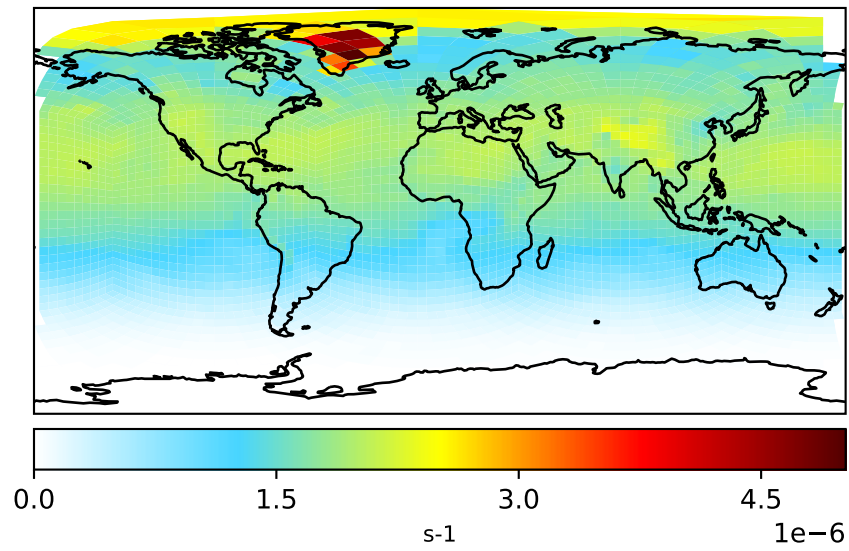


Ratio  
Dev/Ref, Fixed Range

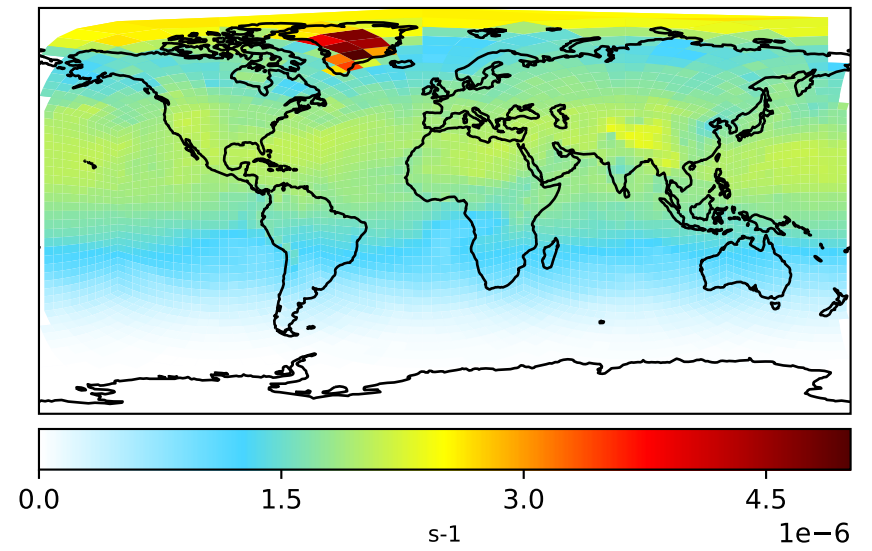


# Jval\_IDHPE

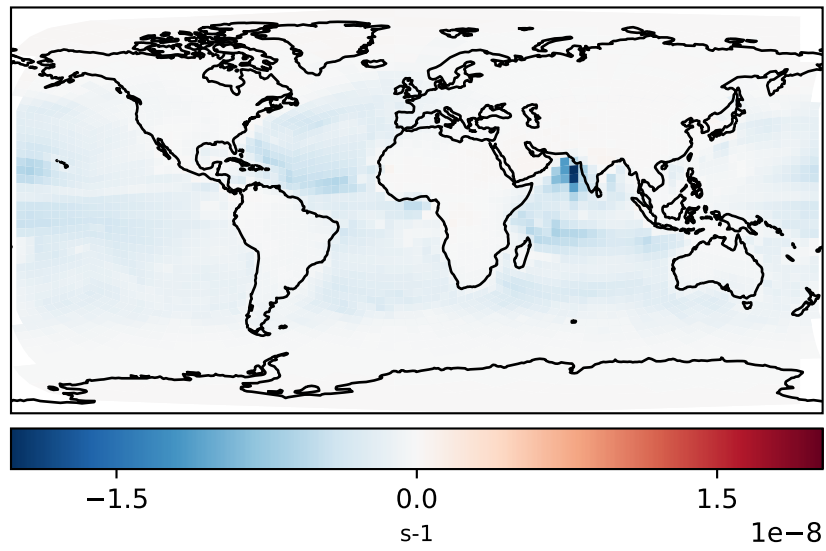
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



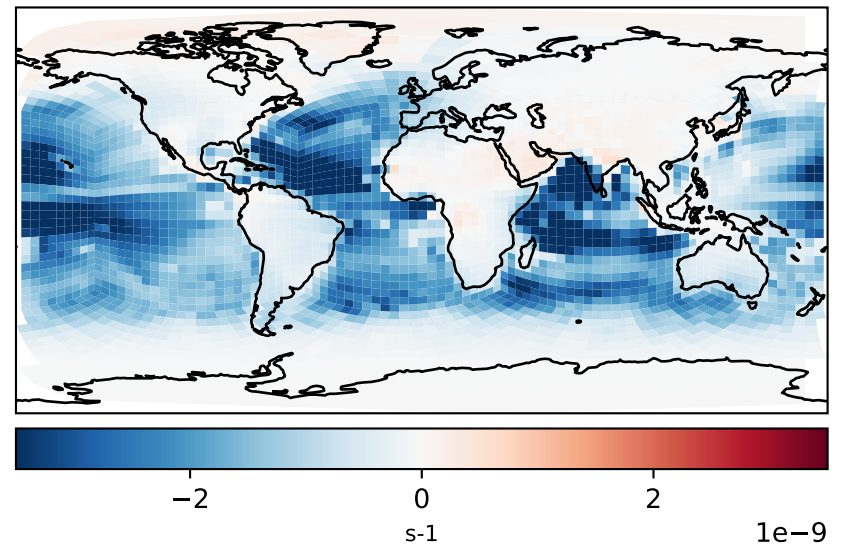
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



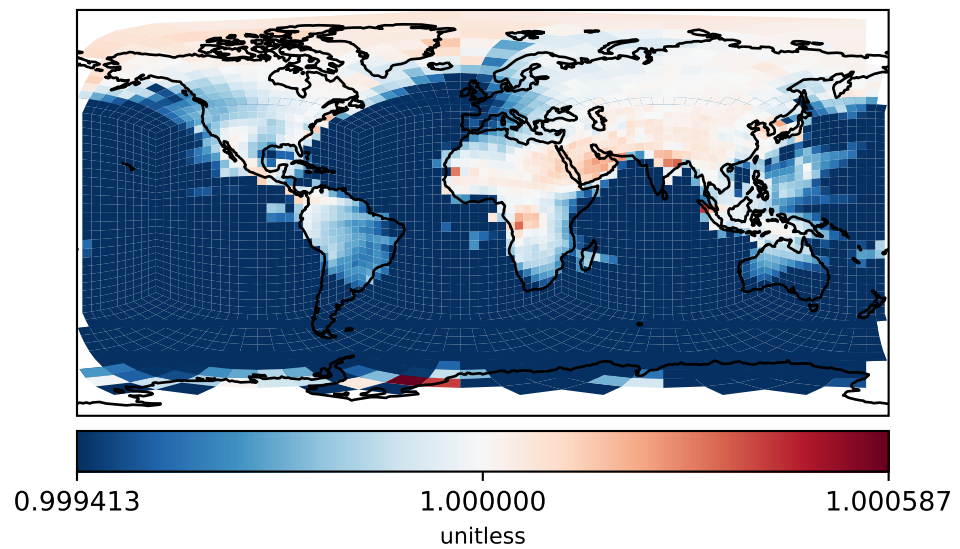
Difference  
Dev - Ref, Dynamic Range



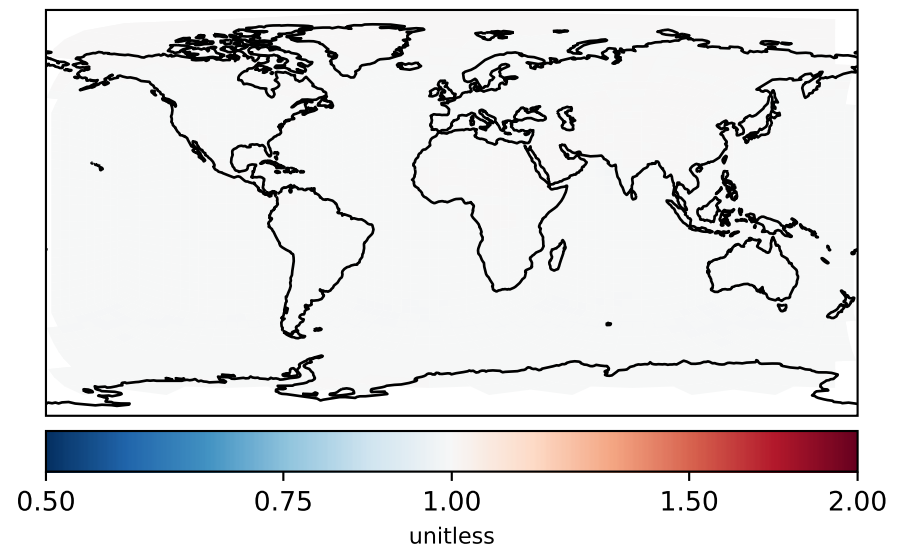
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

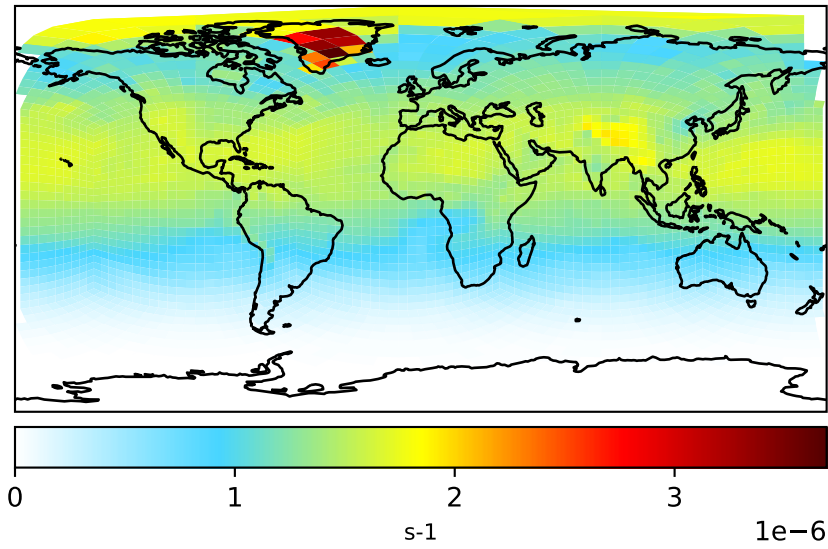


Ratio  
Dev/Ref, Fixed Range

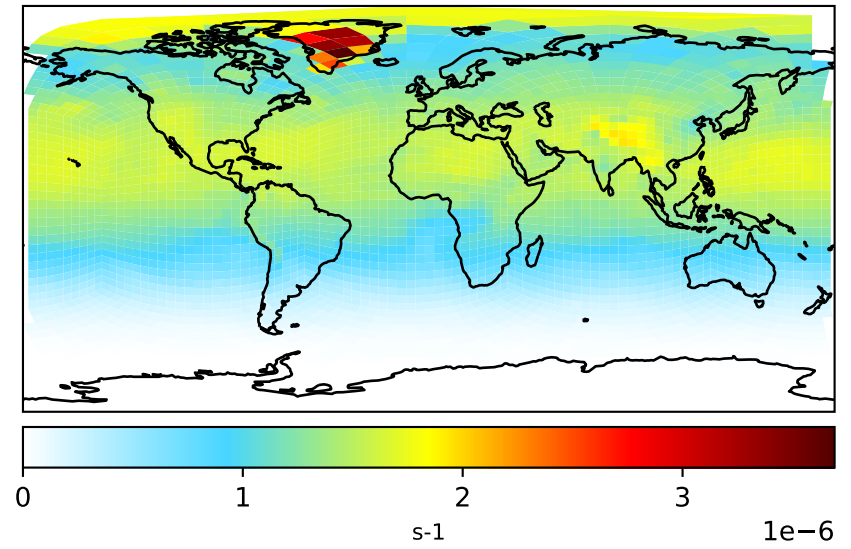


# Jval\_IDN

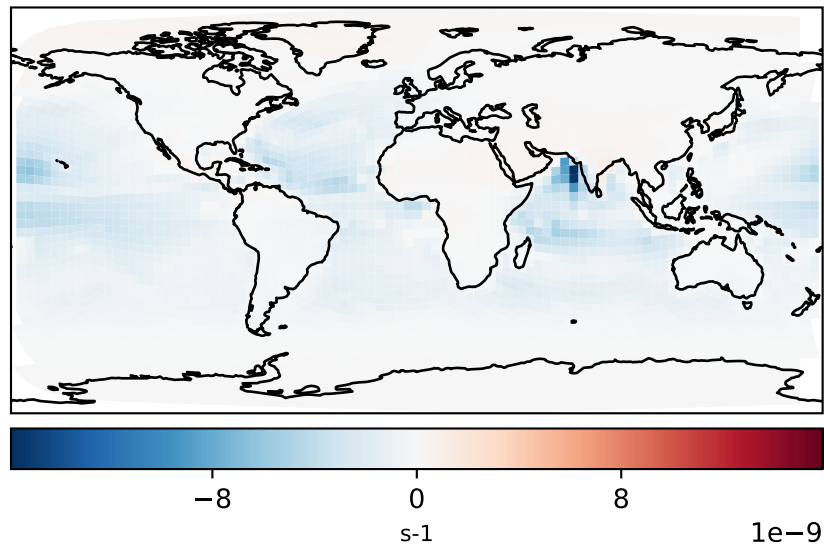
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



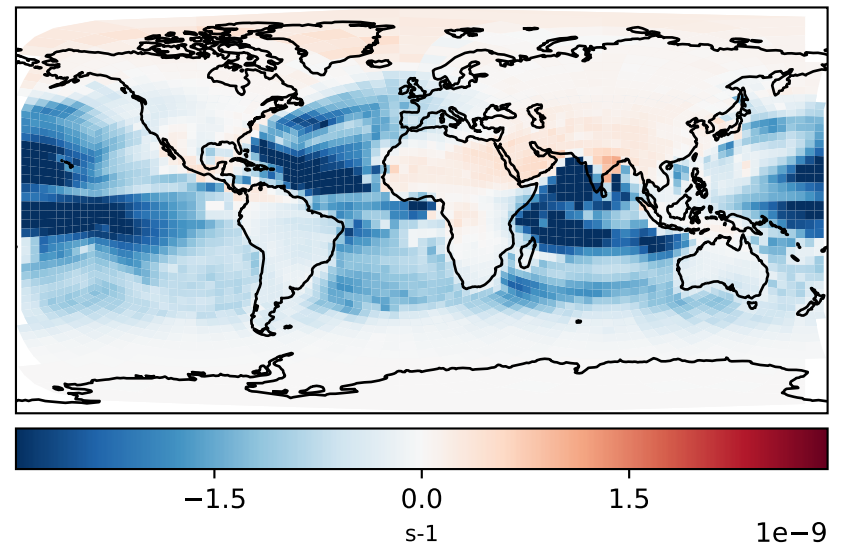
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



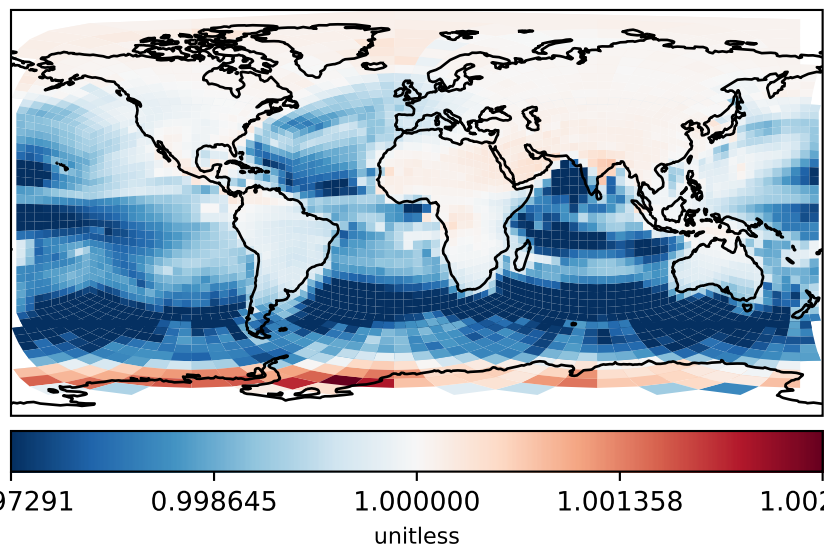
Difference  
Dev - Ref, Dynamic Range



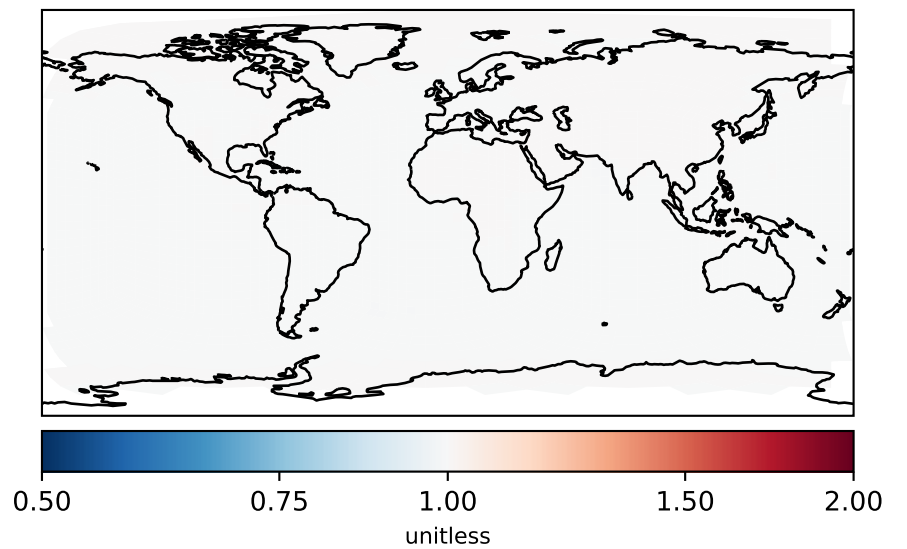
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

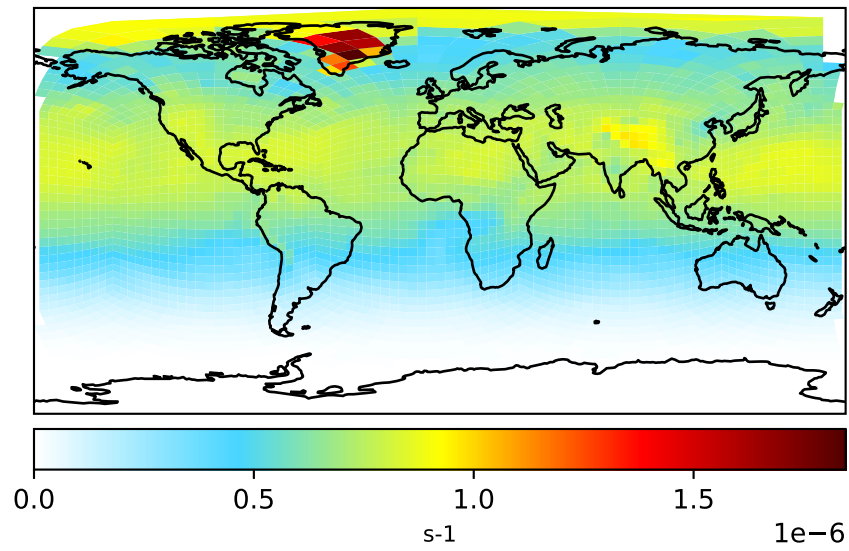


Ratio  
Dev/Ref, Fixed Range

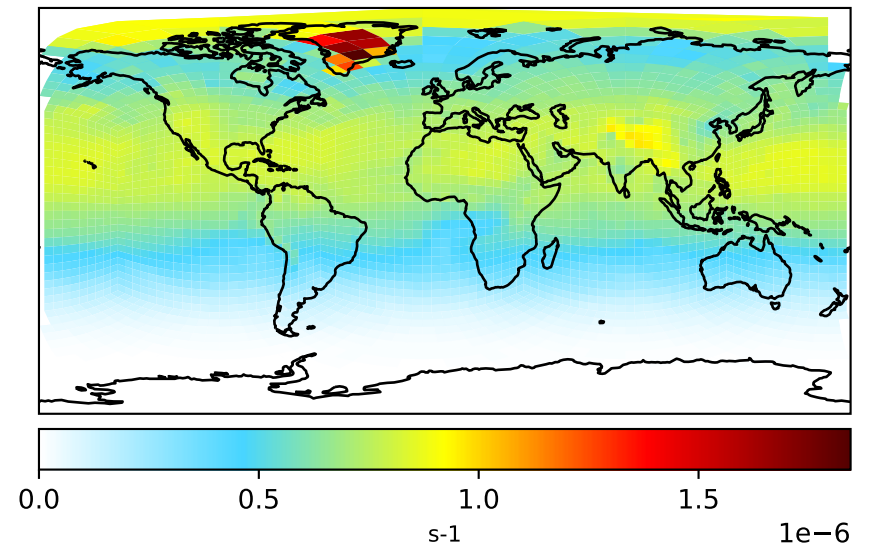


# Jval\_IHN1

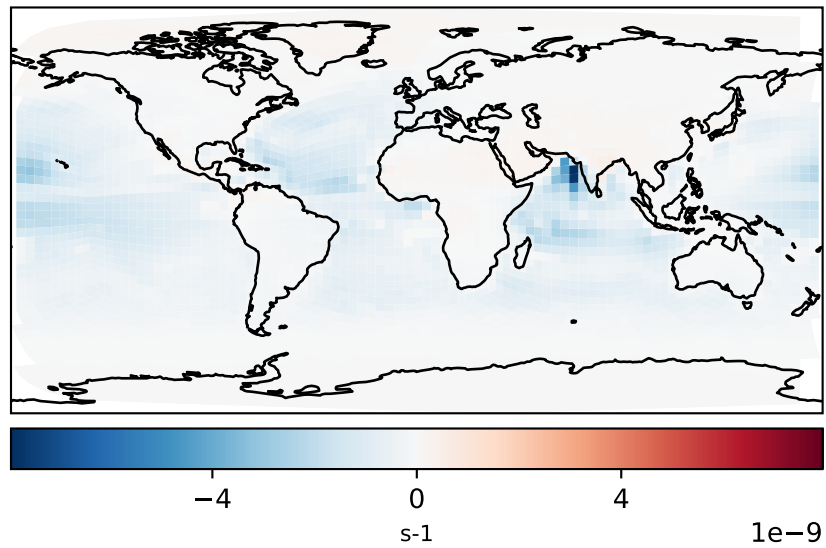
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



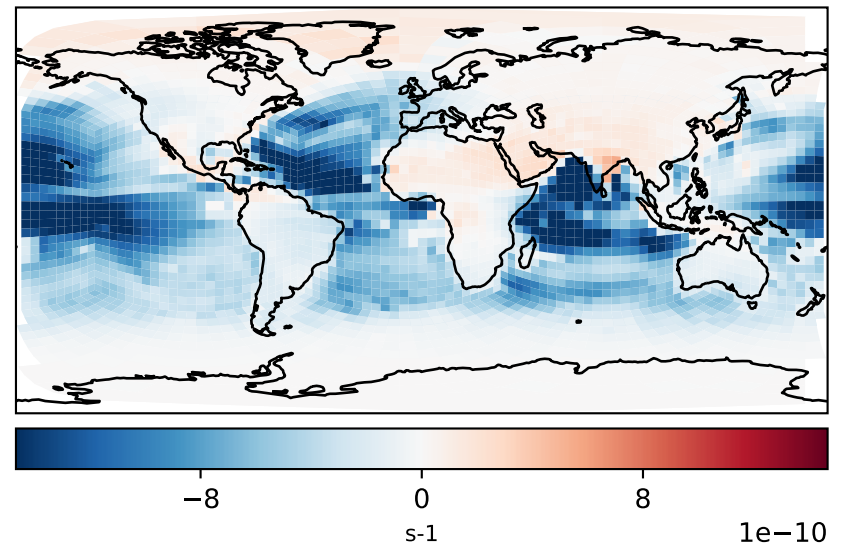
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



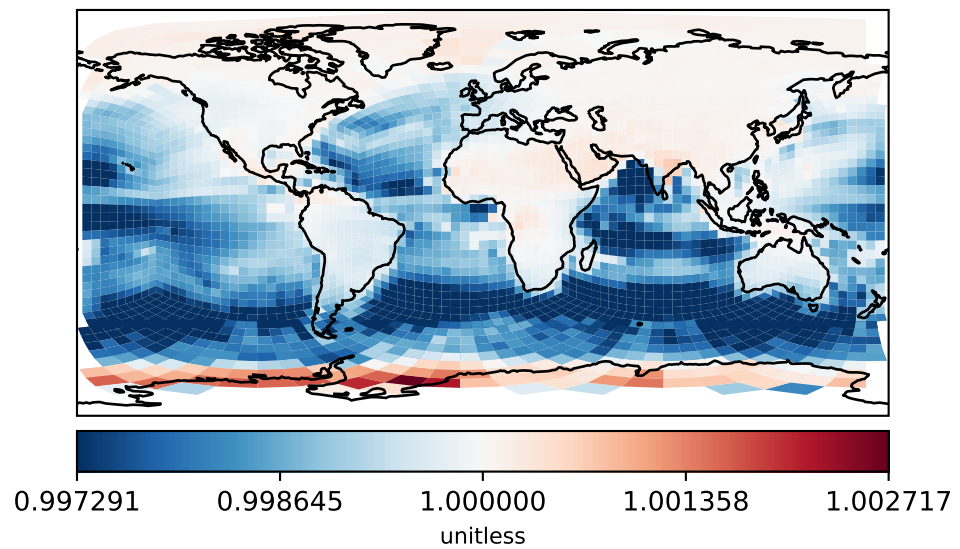
Difference  
Dev - Ref, Dynamic Range



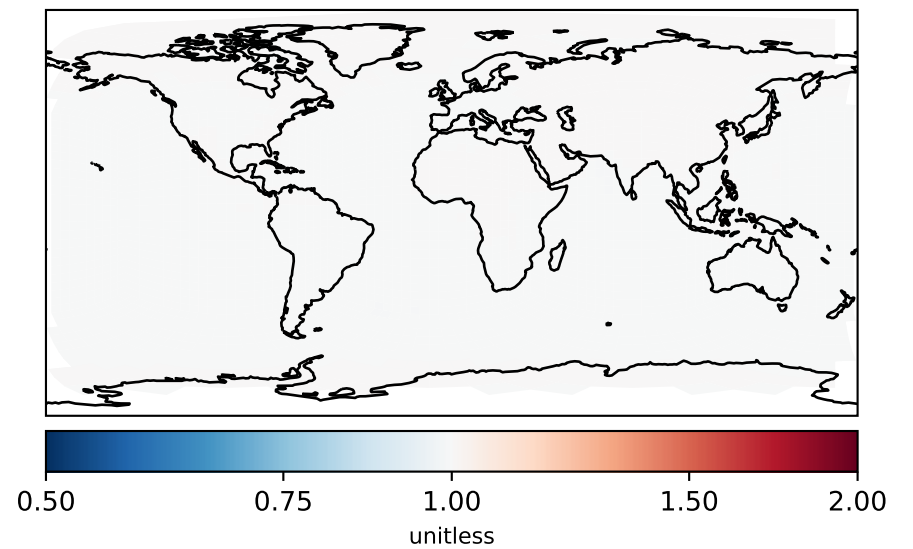
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

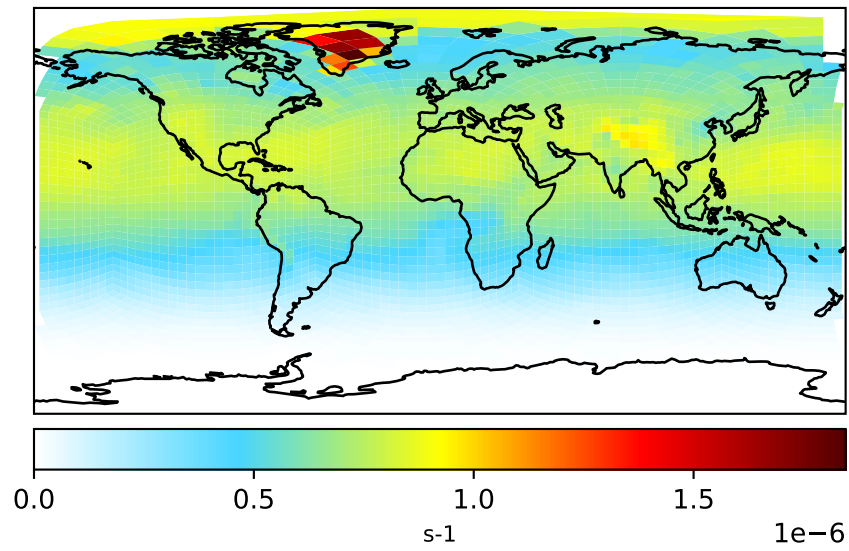


Ratio  
Dev/Ref, Fixed Range

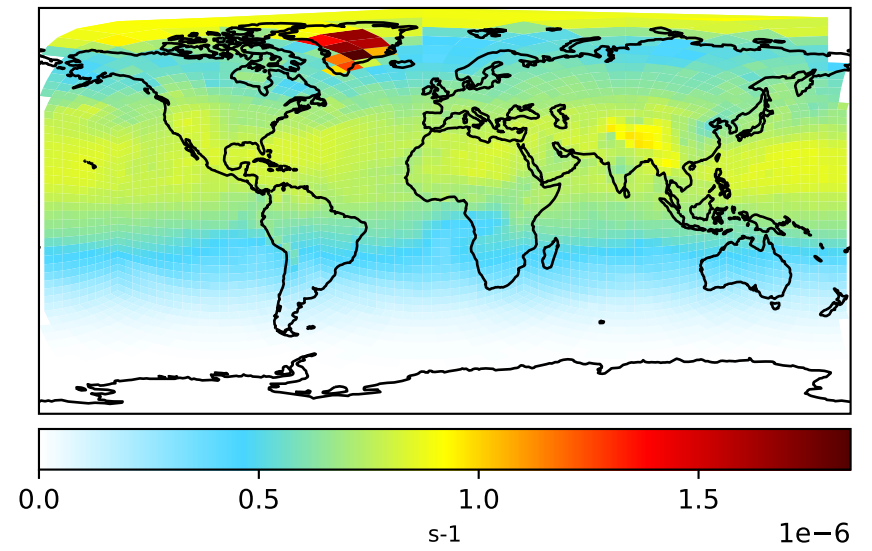


# Jval\_IHN2

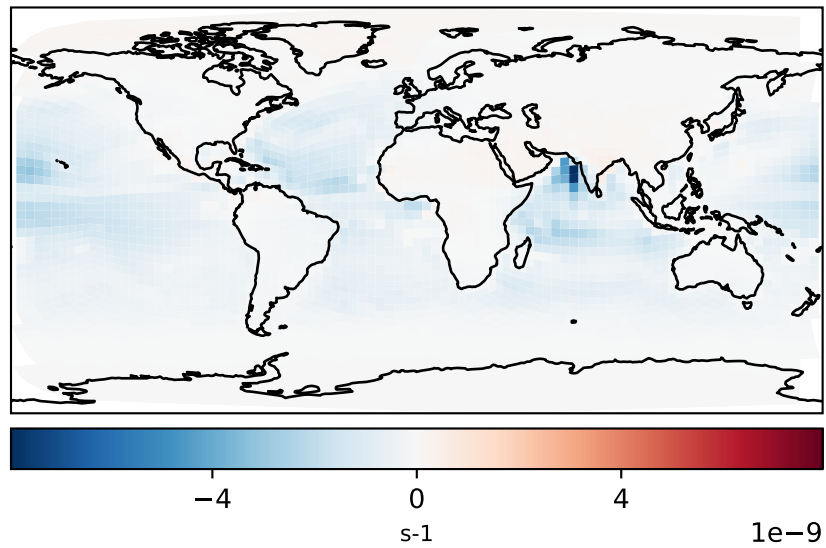
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



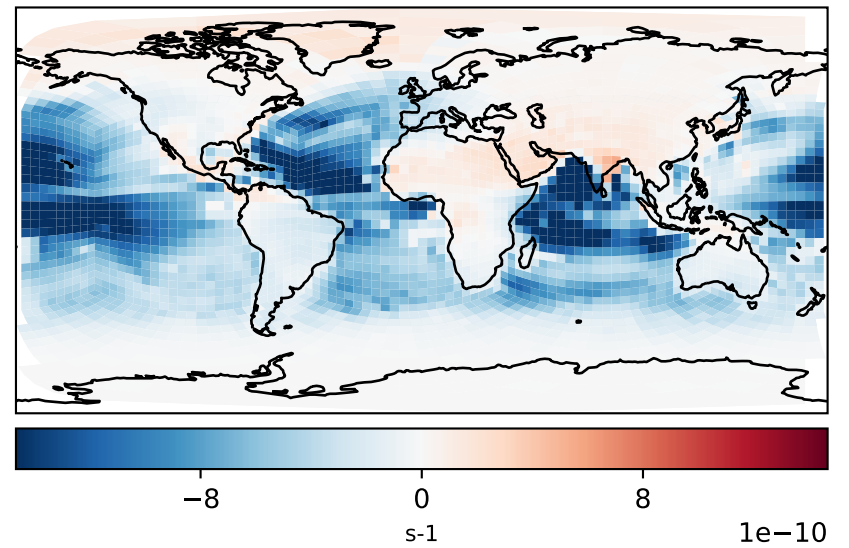
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



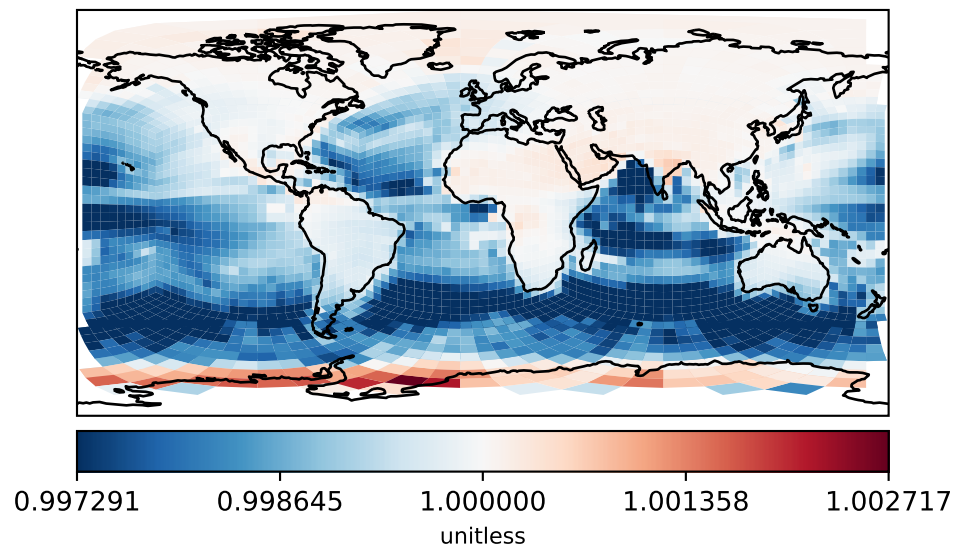
Difference  
Dev - Ref, Dynamic Range



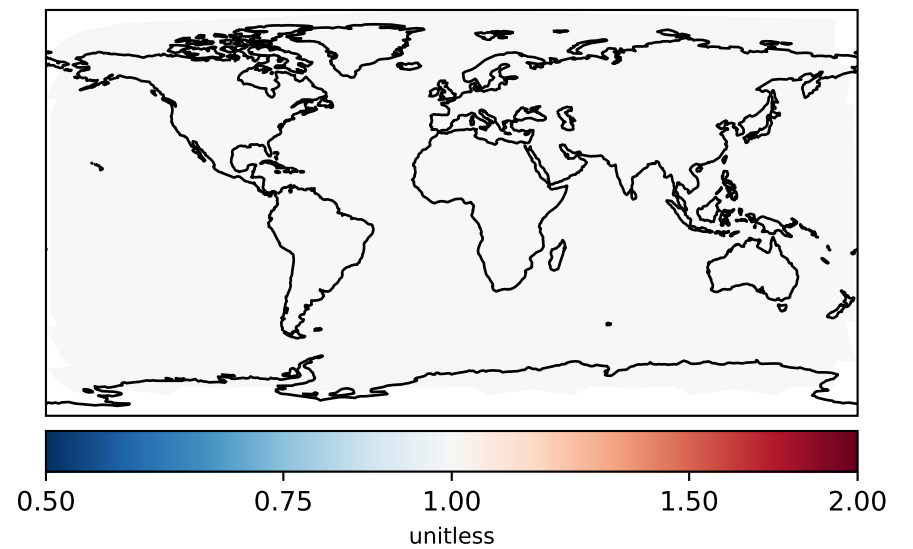
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



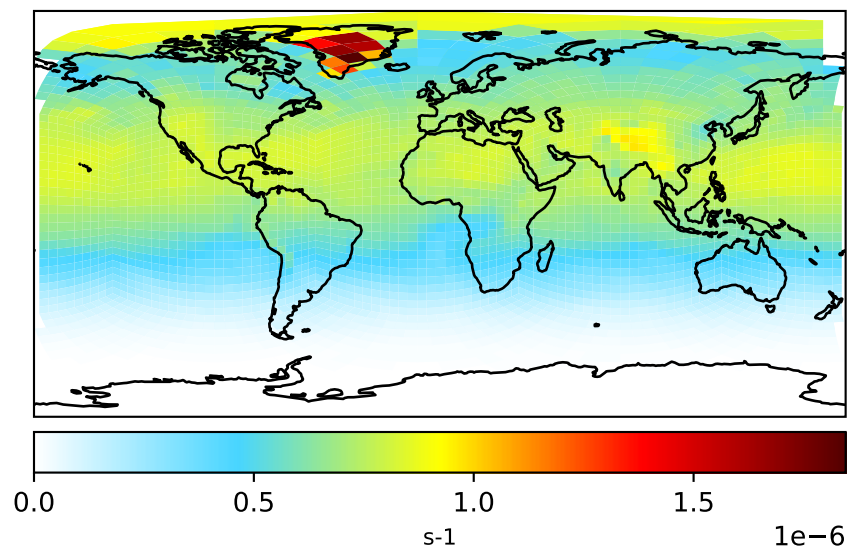
Ratio  
Dev/Ref, Fixed Range



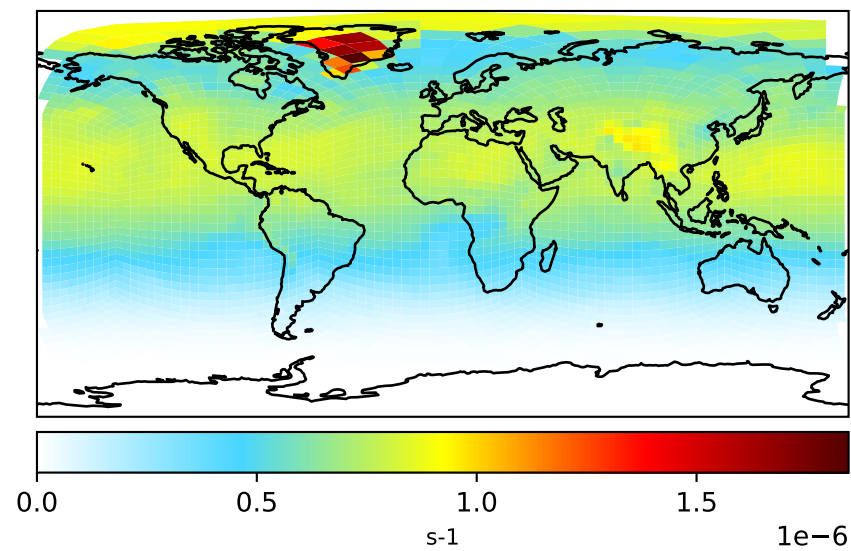


# Jval\_IHN3

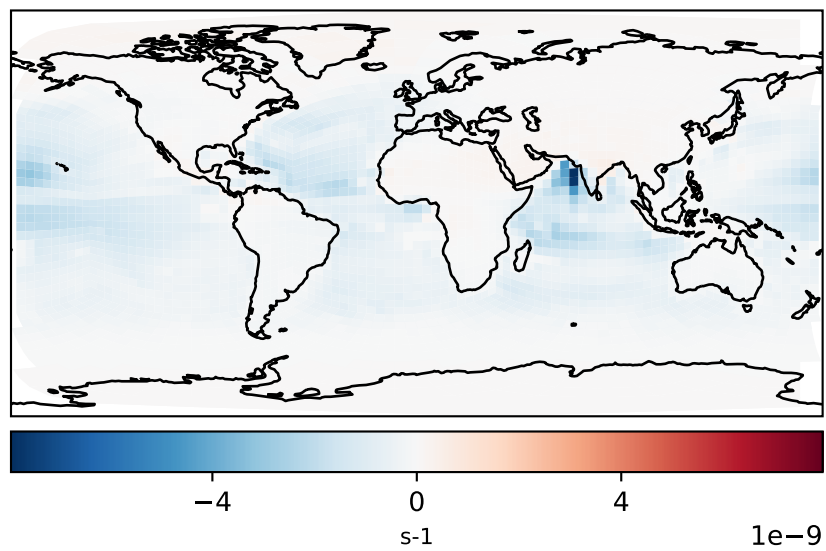
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



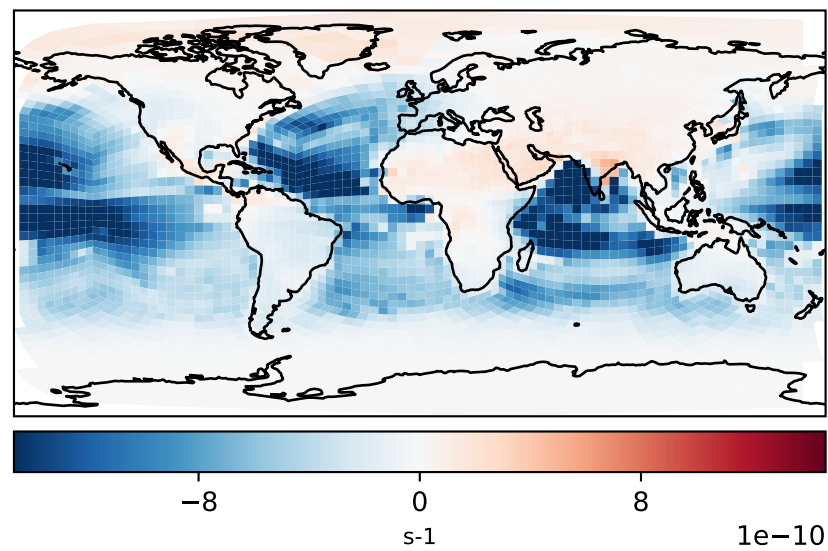
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



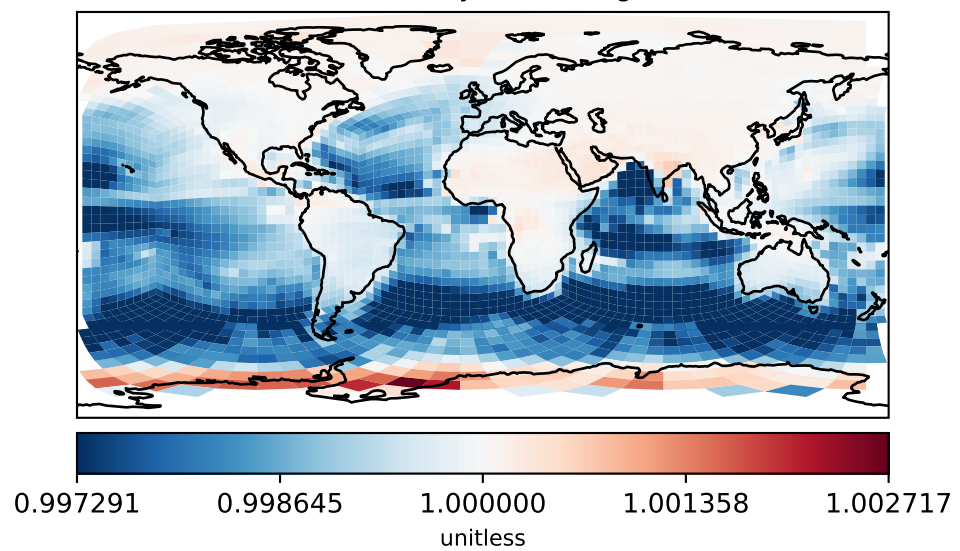
Difference  
Dev - Ref, Dynamic Range



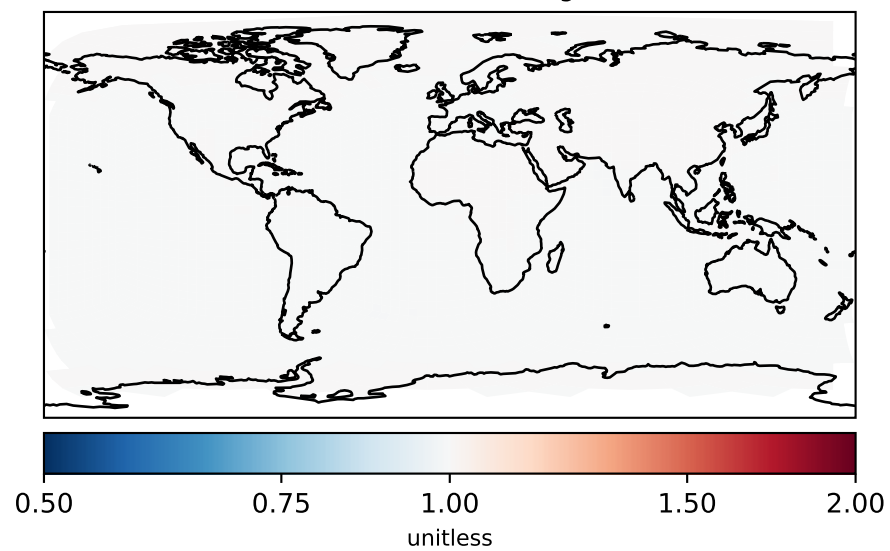
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

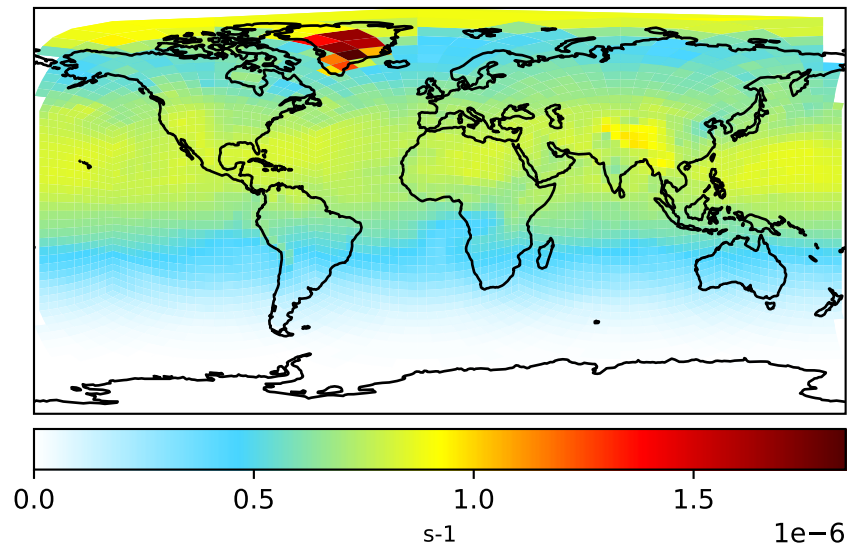


Ratio  
Dev/Ref, Fixed Range

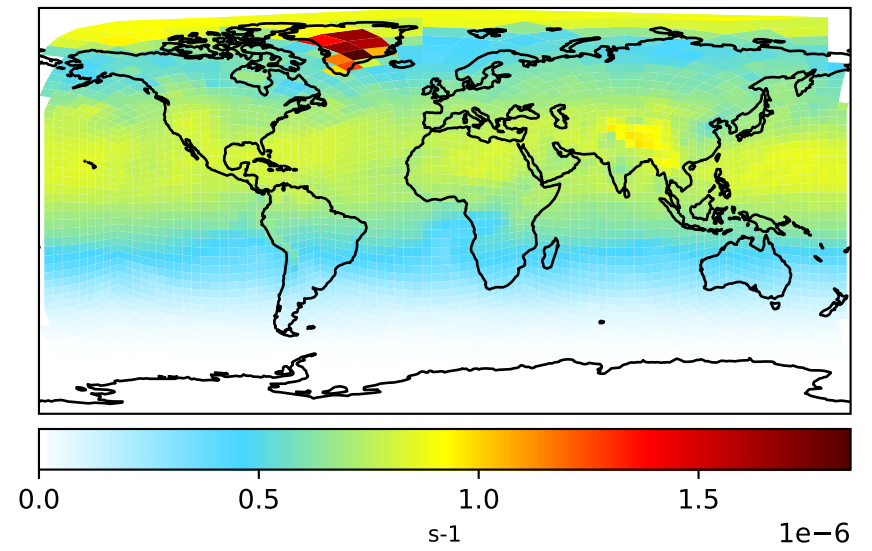


# Jval\_IHN4

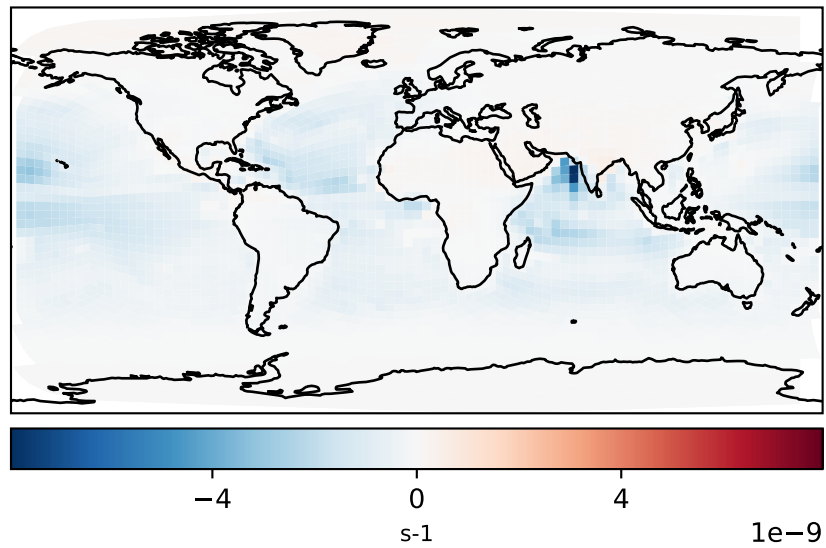
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



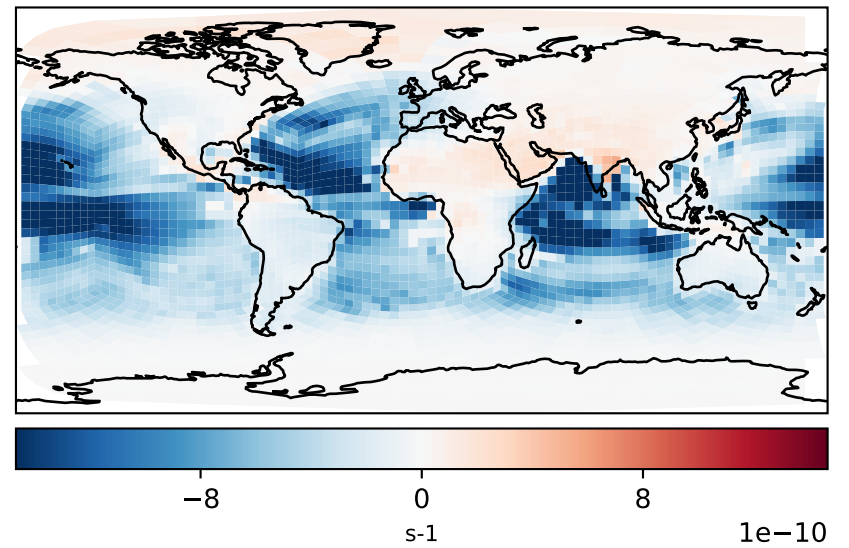
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



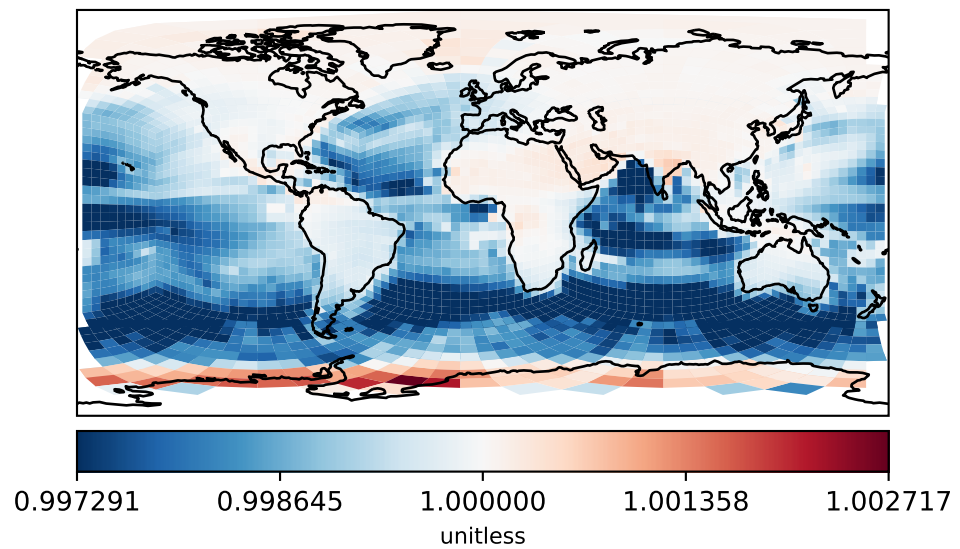
Difference  
Dev - Ref, Dynamic Range



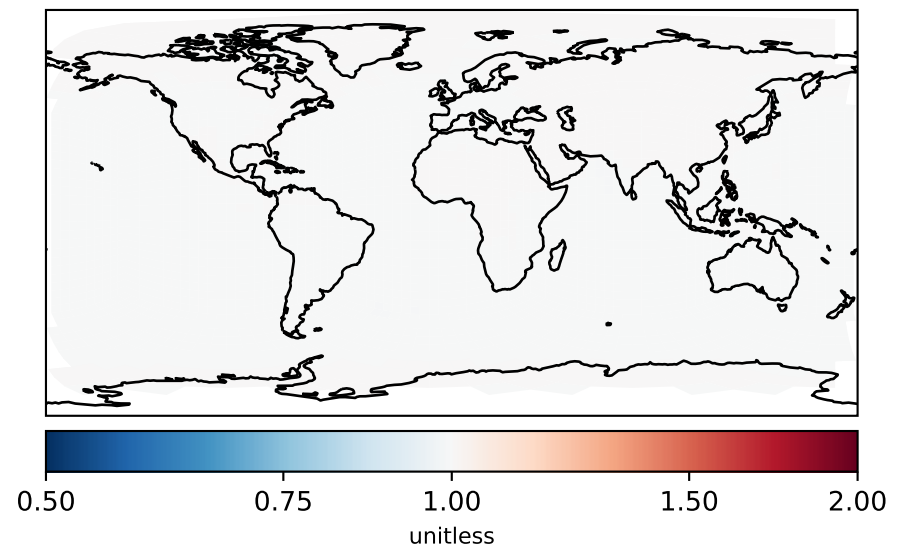
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

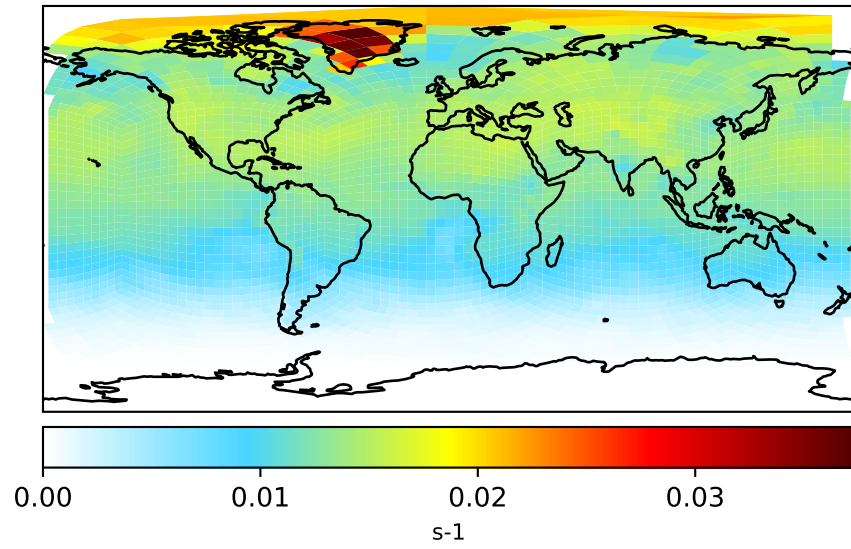


Ratio  
Dev/Ref, Fixed Range

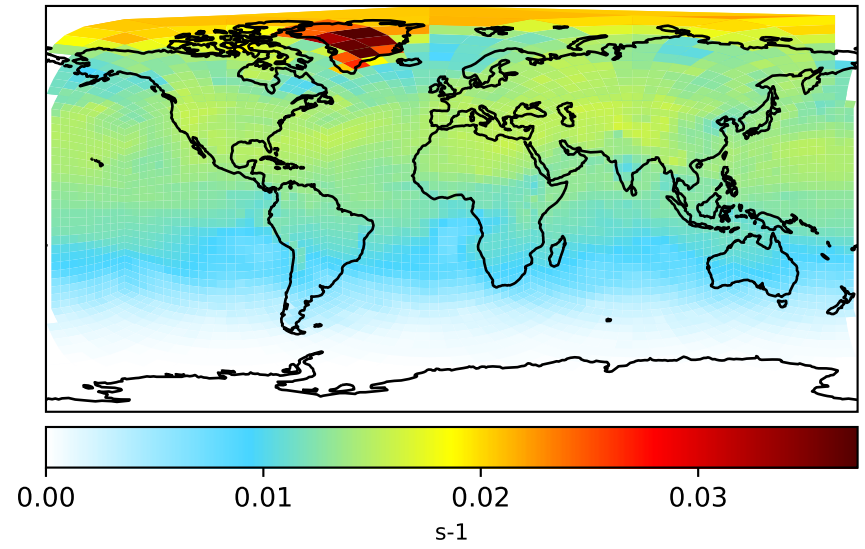


# Jval\_INO

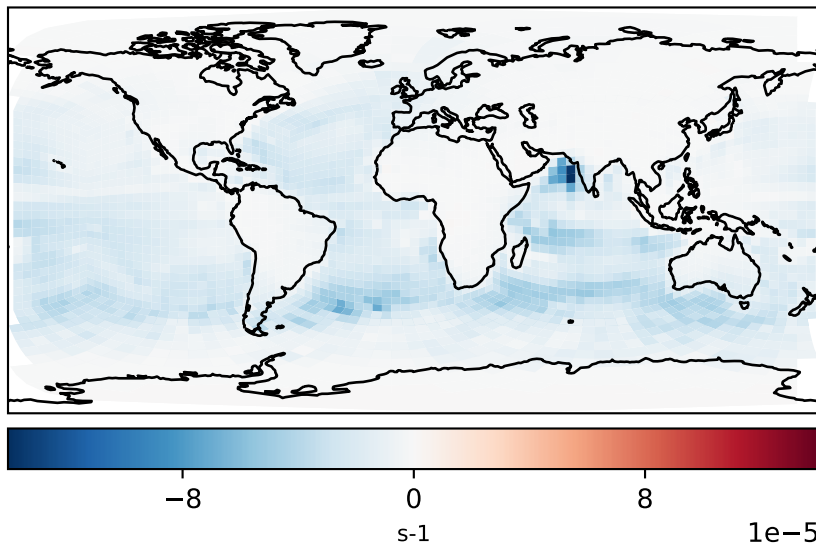
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



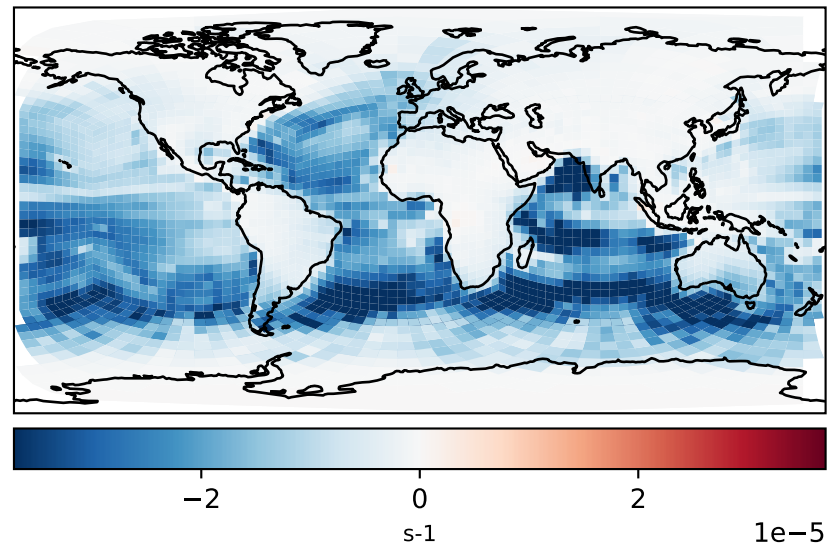
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



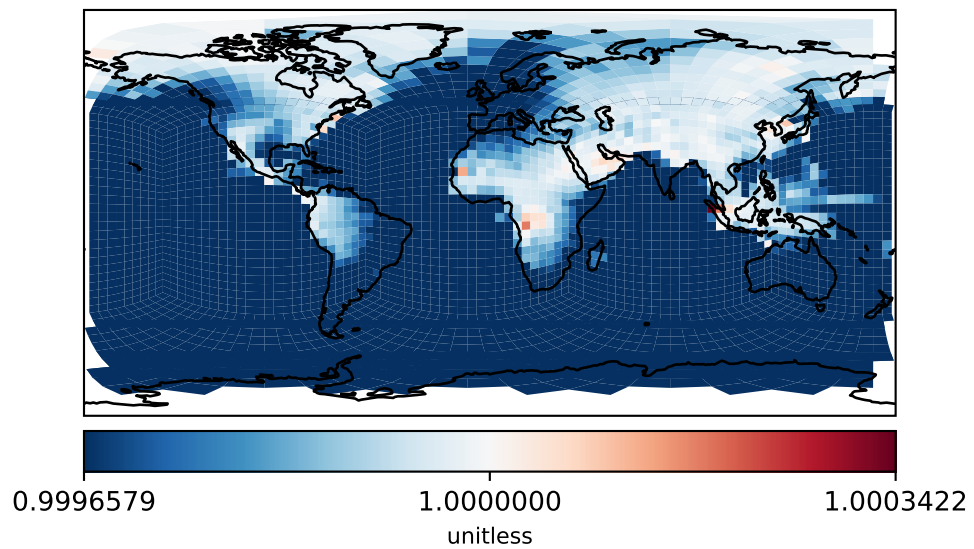
Difference  
Dev - Ref, Dynamic Range



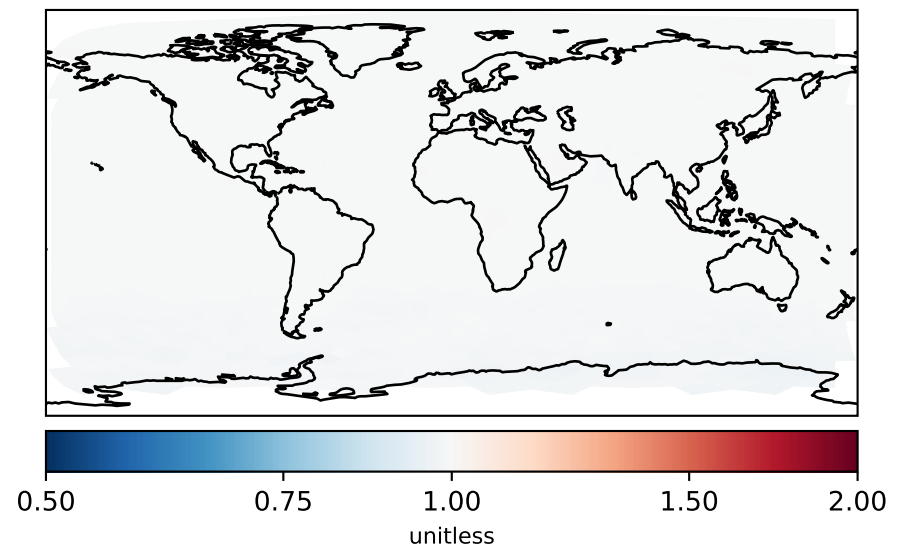
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

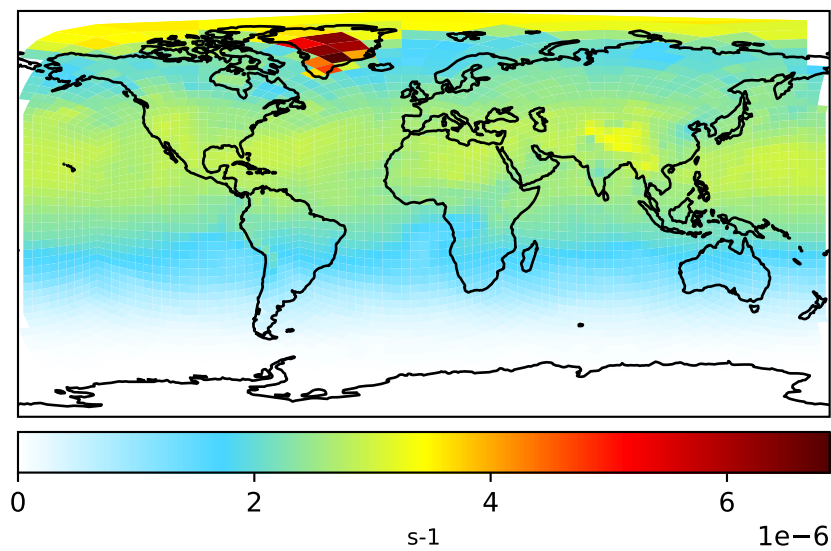


Ratio  
Dev/Ref, Fixed Range

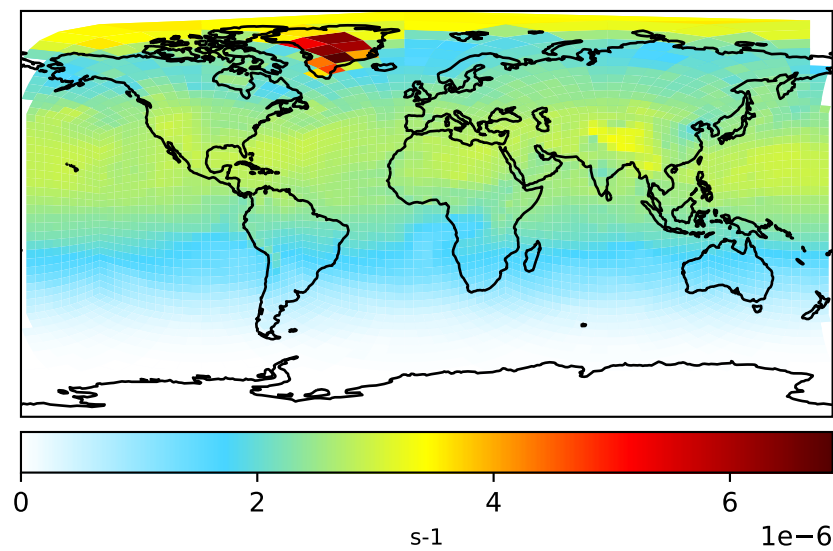


# Jval\_INPB

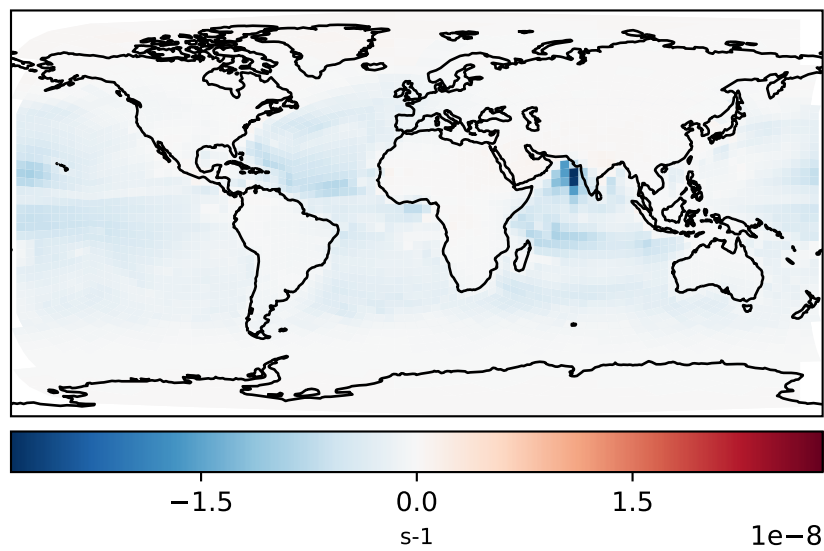
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



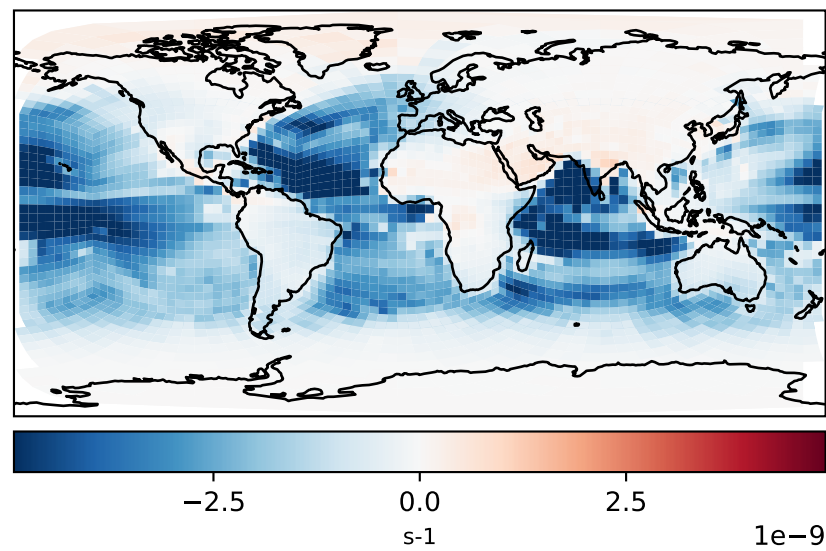
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



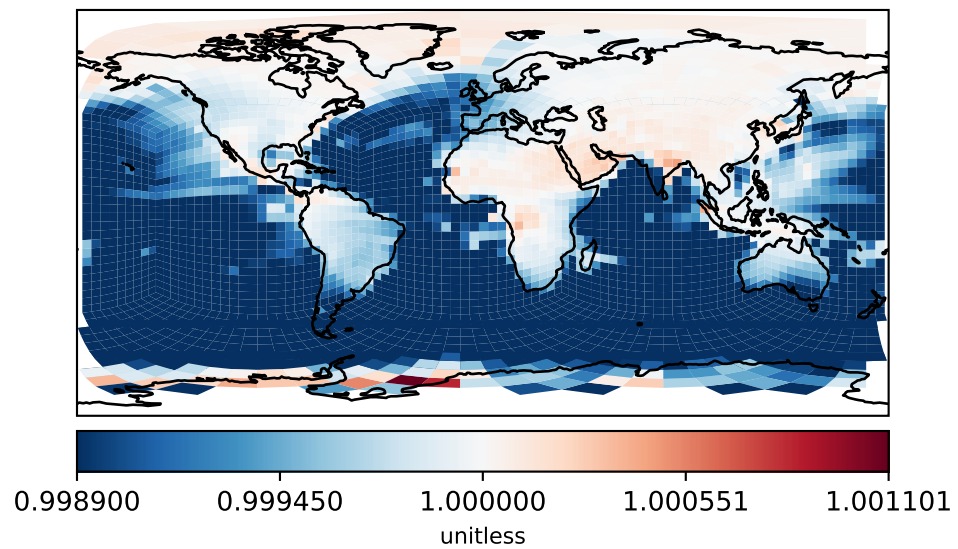
Difference  
Dev - Ref, Dynamic Range



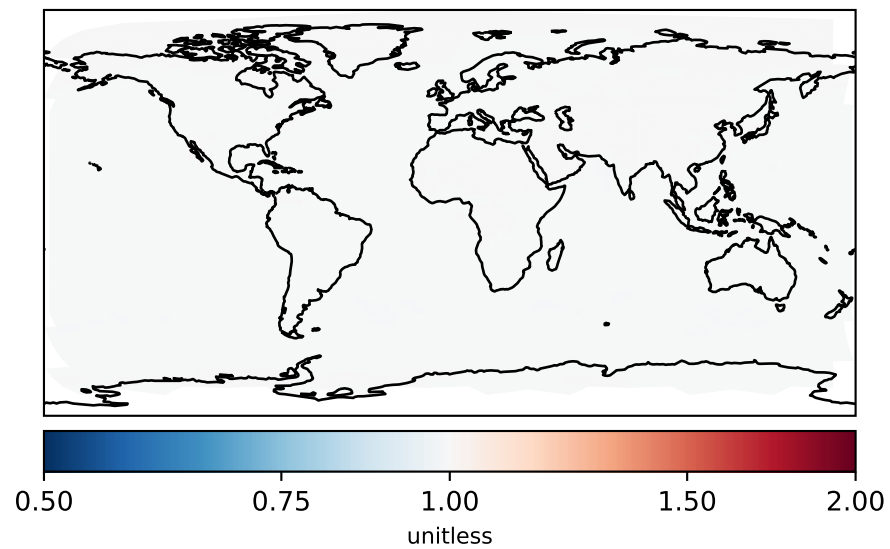
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

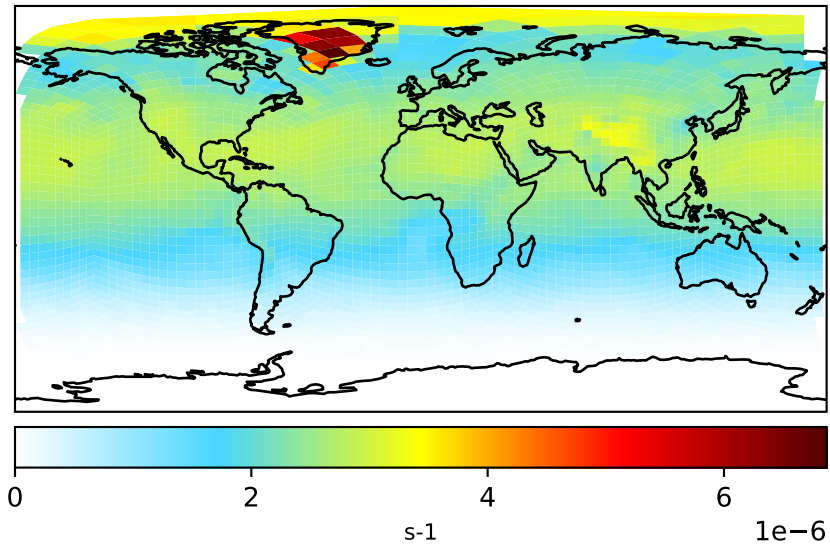


Ratio  
Dev/Ref, Fixed Range

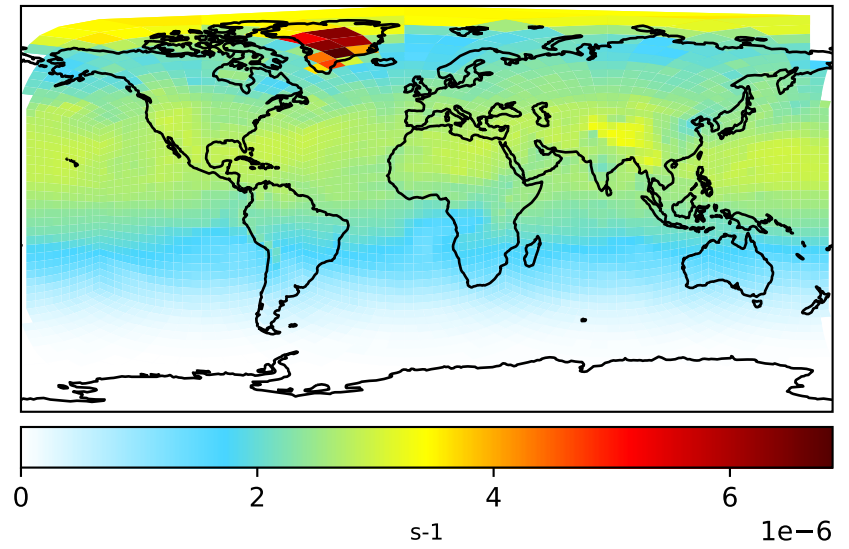


# Jval\_INPD

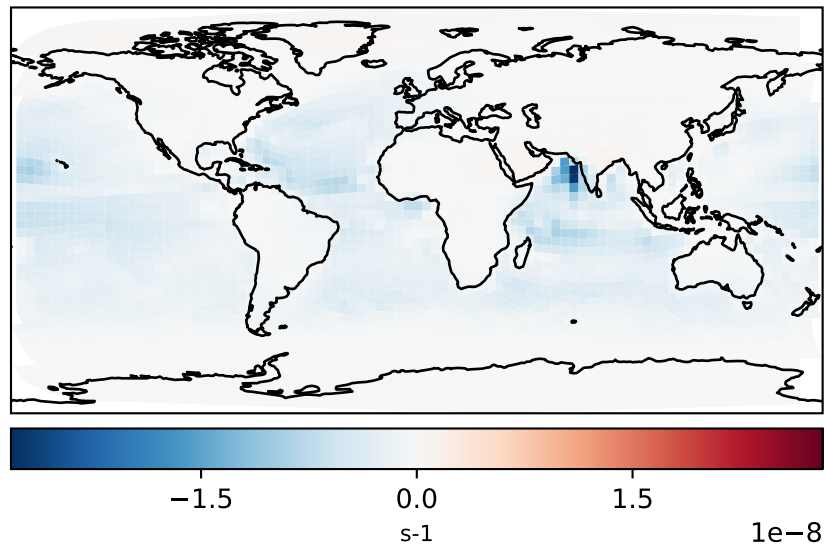
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



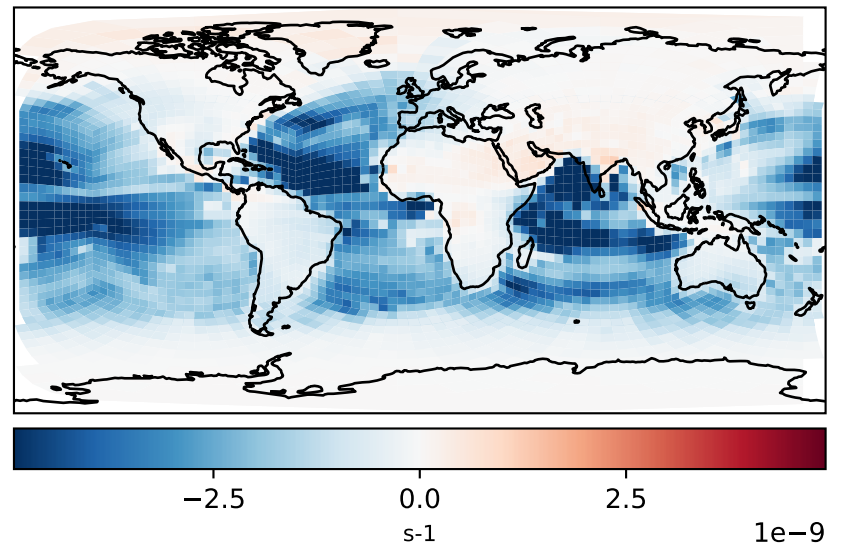
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



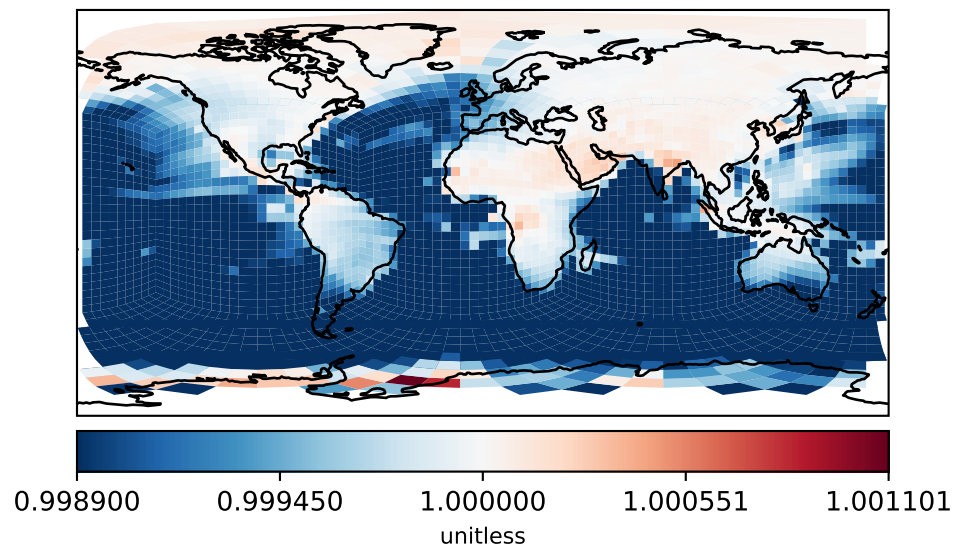
Difference  
Dev - Ref, Dynamic Range



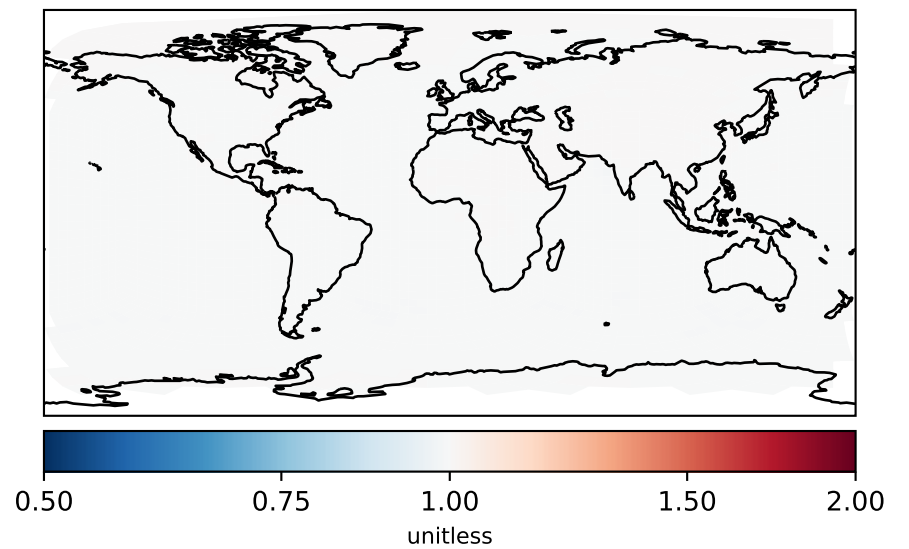
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

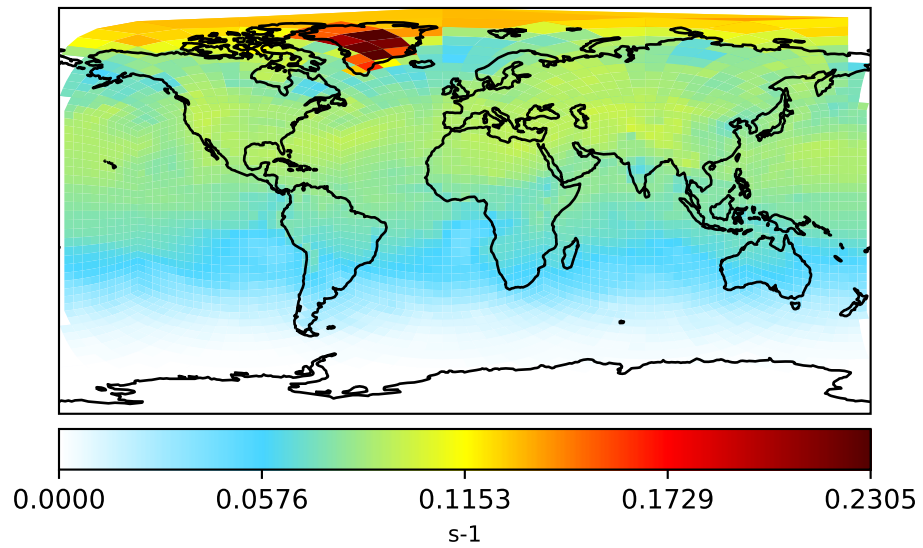


Ratio  
Dev/Ref, Fixed Range

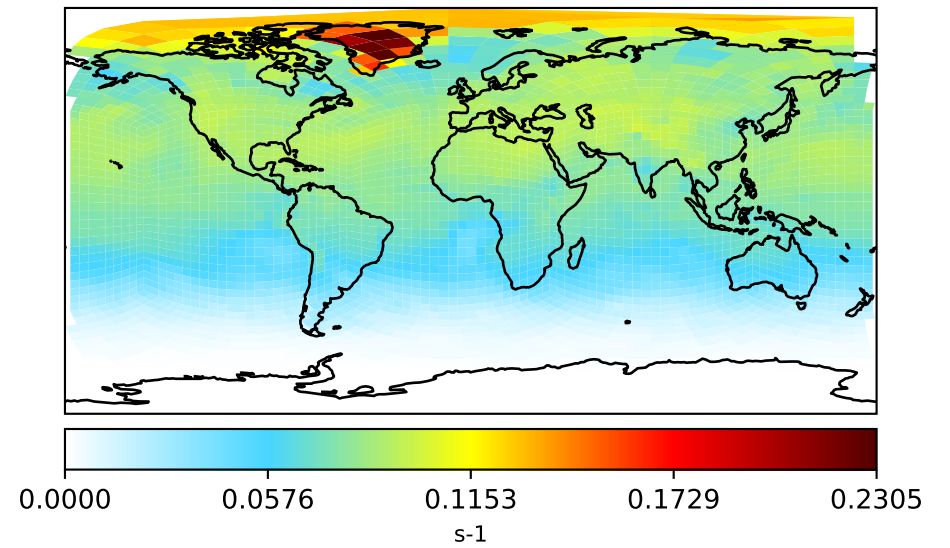


# Jval\_IO

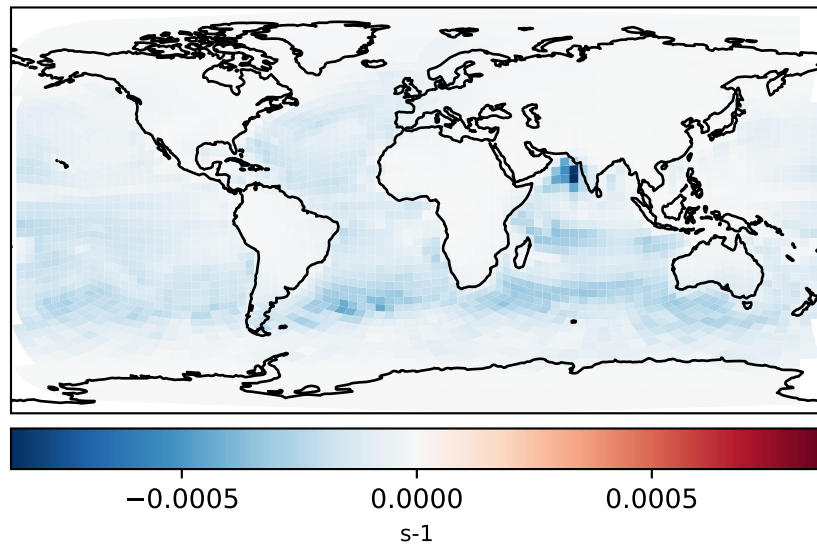
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



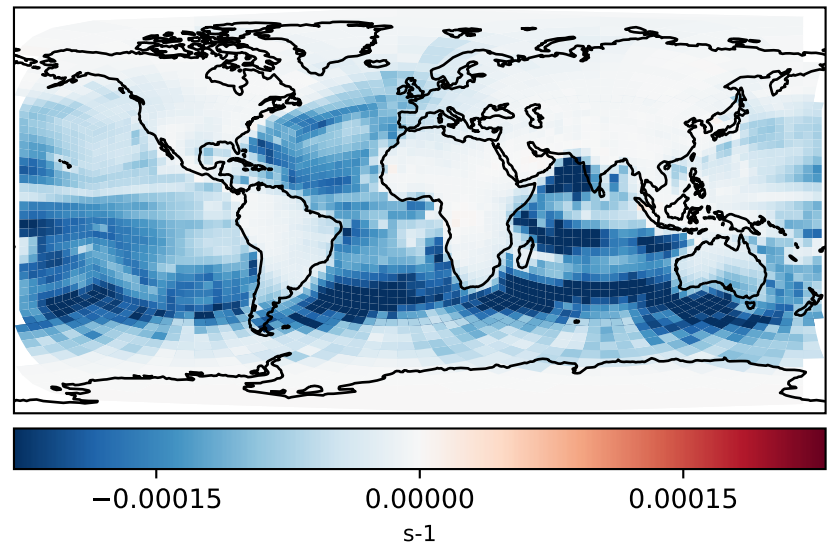
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



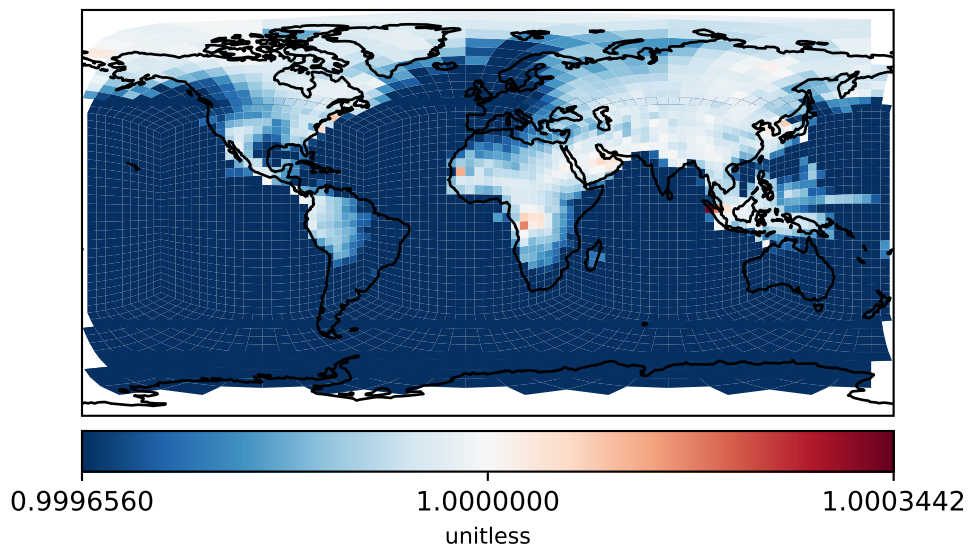
Difference  
Dev - Ref, Dynamic Range



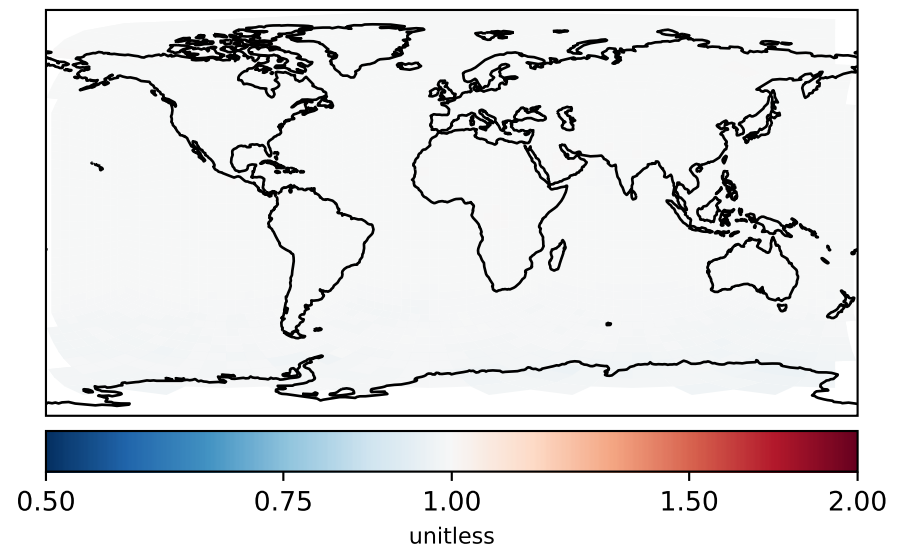
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

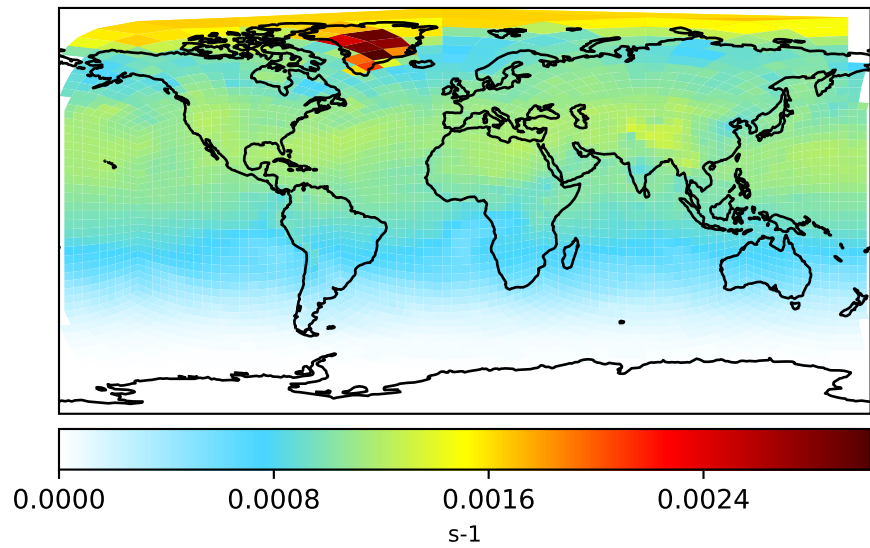


Ratio  
Dev/Ref, Fixed Range

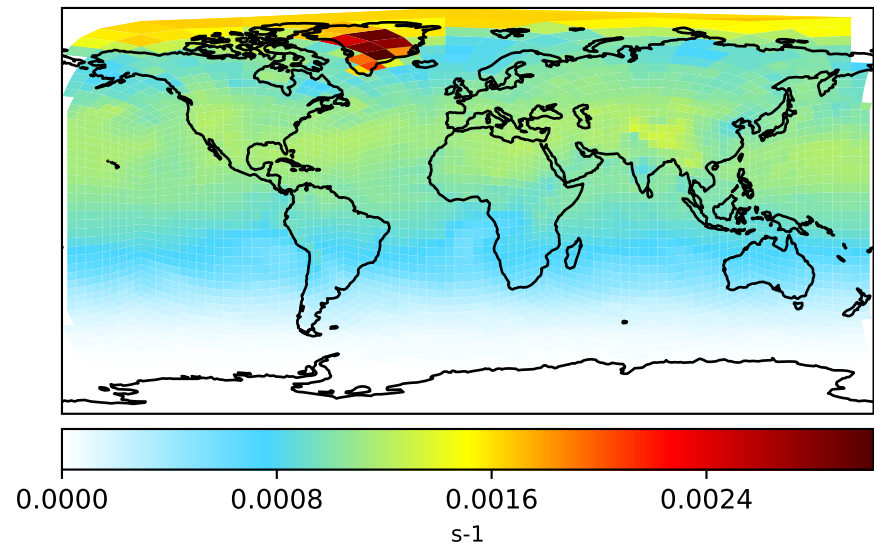


# Jval\_IONO

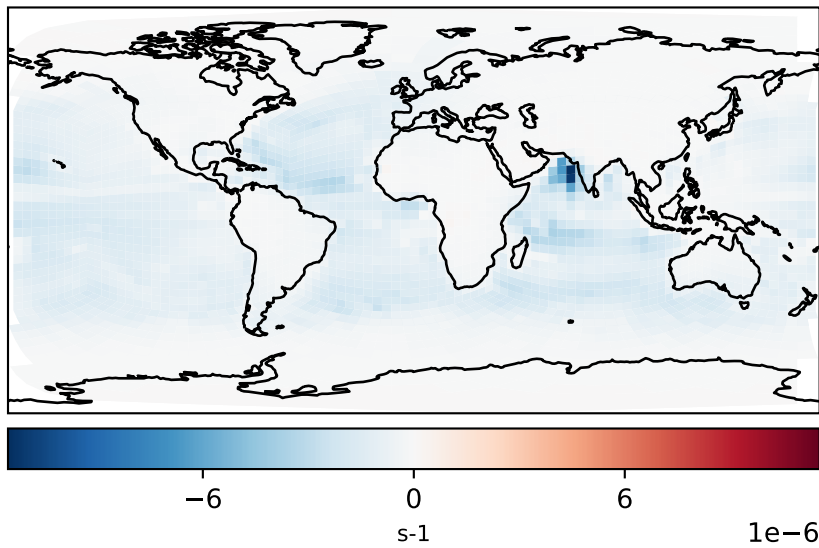
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



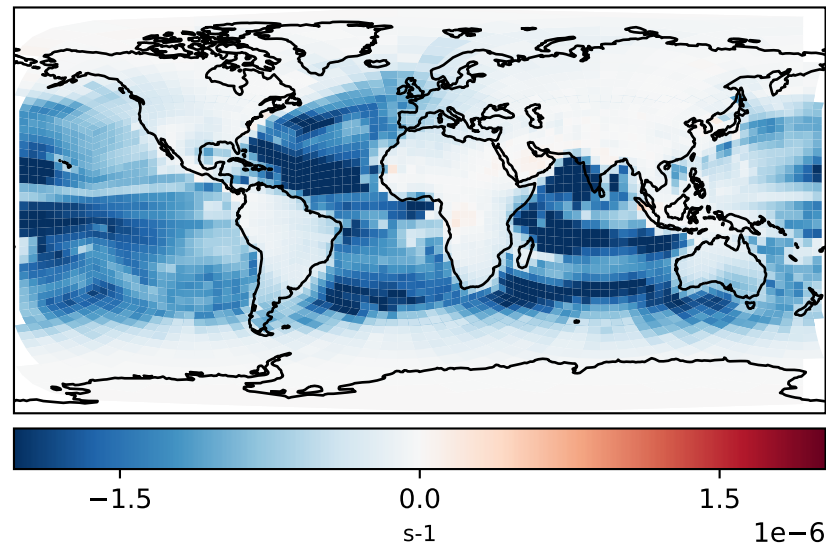
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



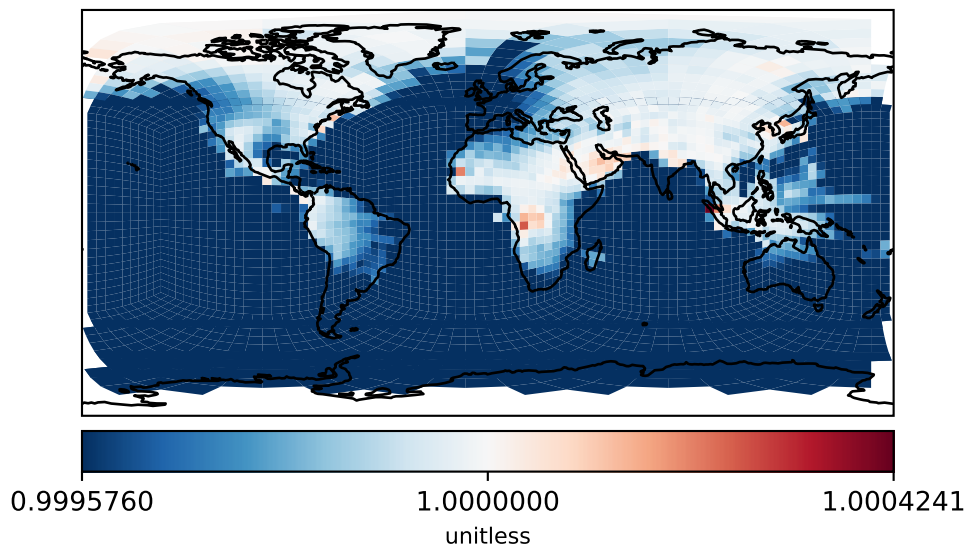
Difference  
Dev - Ref, Dynamic Range



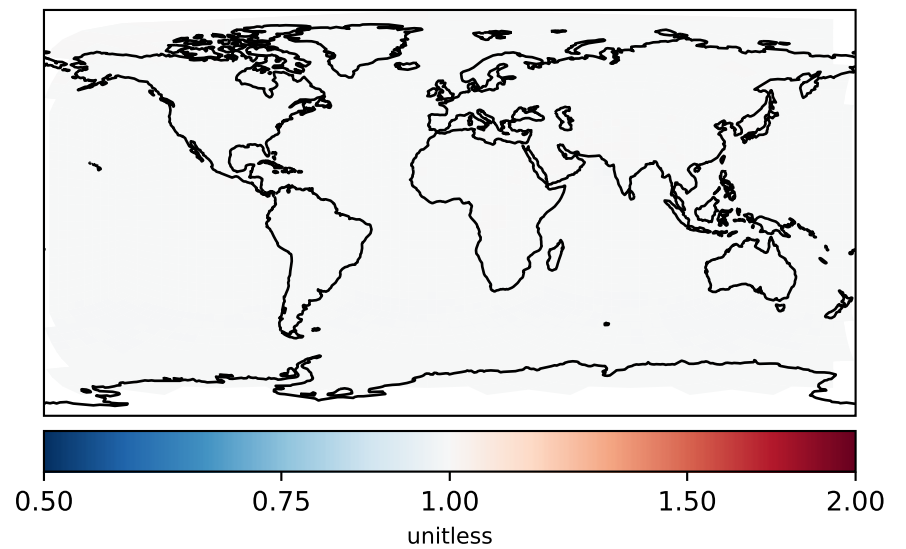
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

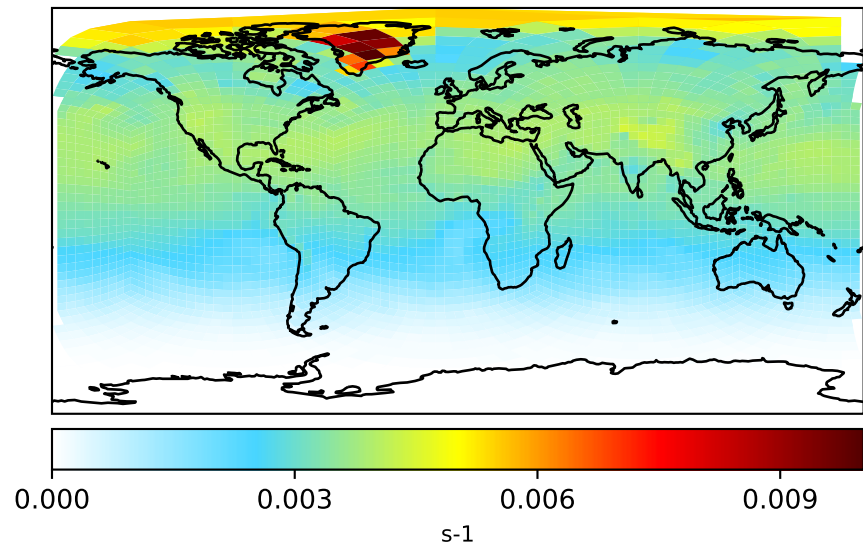


Ratio  
Dev/Ref, Fixed Range

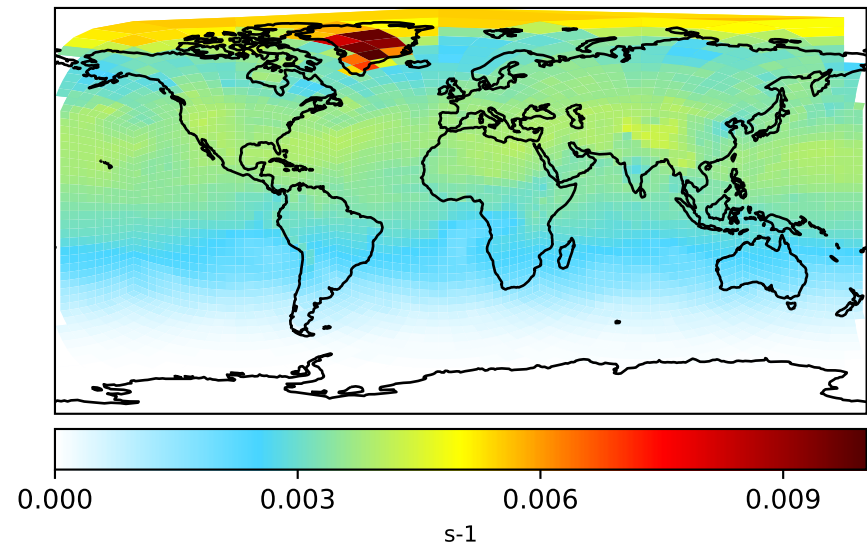


# Jval\_IONO2

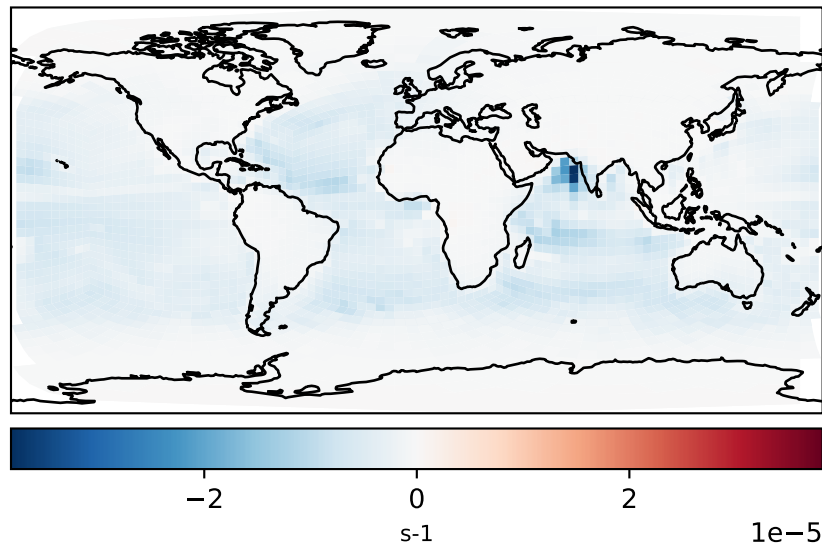
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



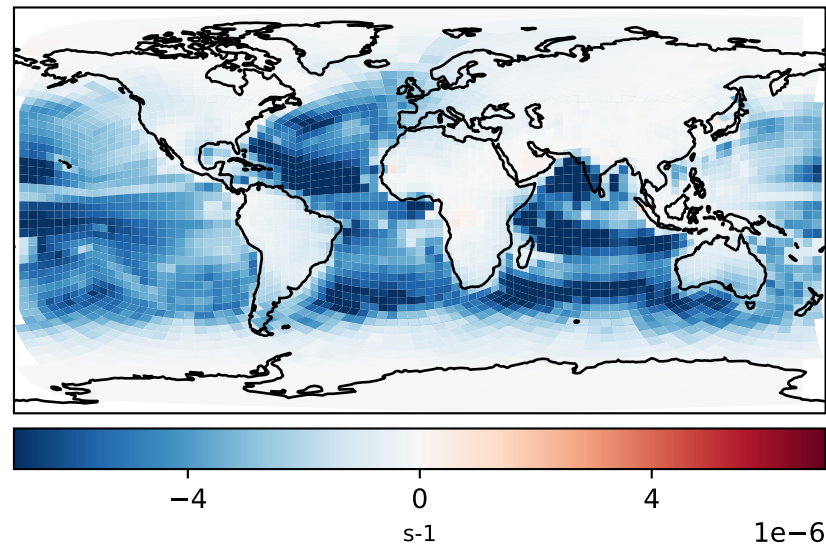
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



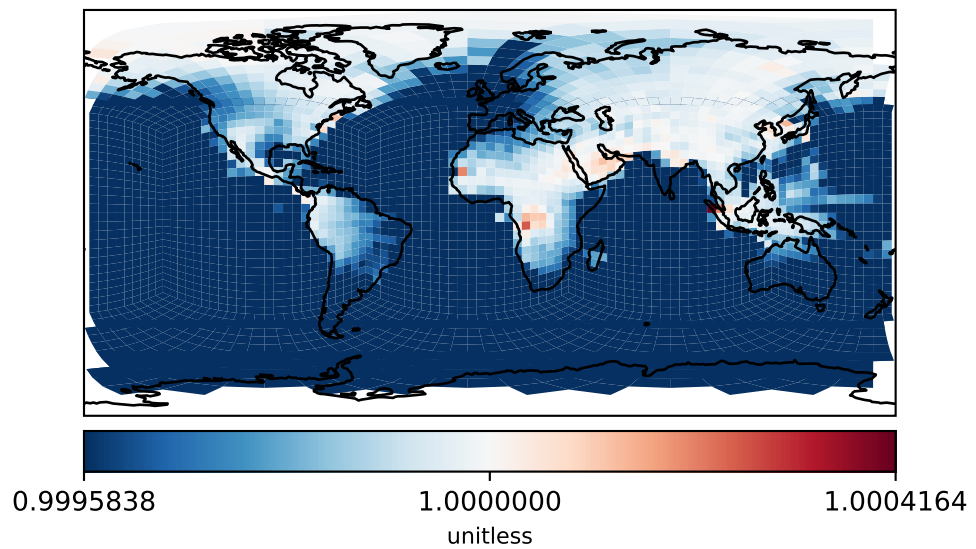
Difference  
Dev - Ref, Dynamic Range



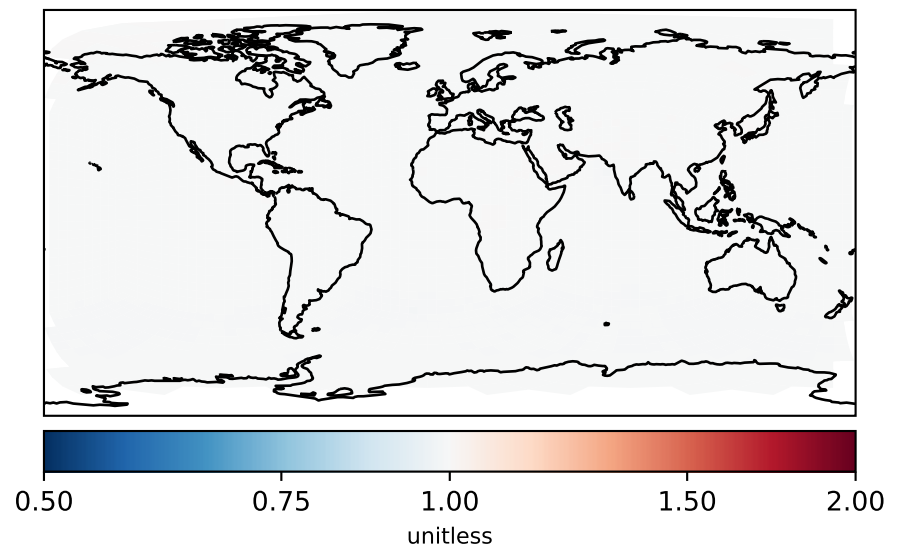
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



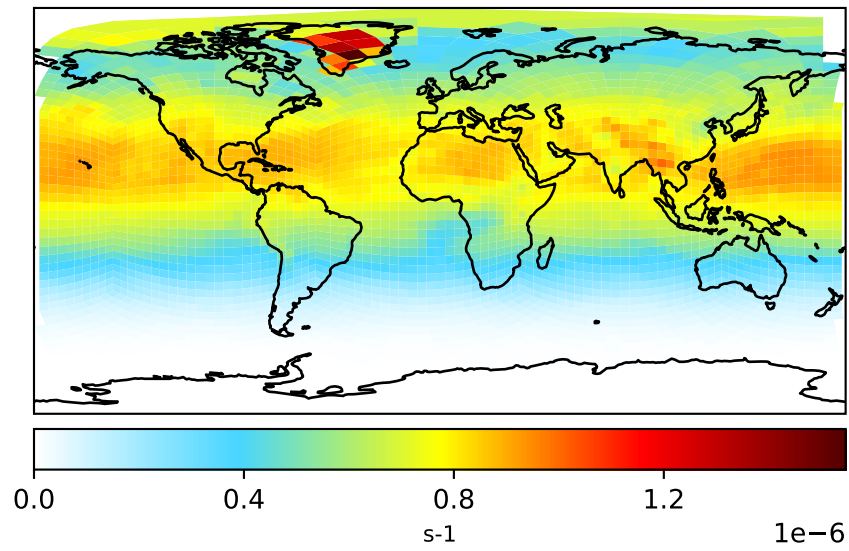
Ratio  
Dev/Ref, Fixed Range



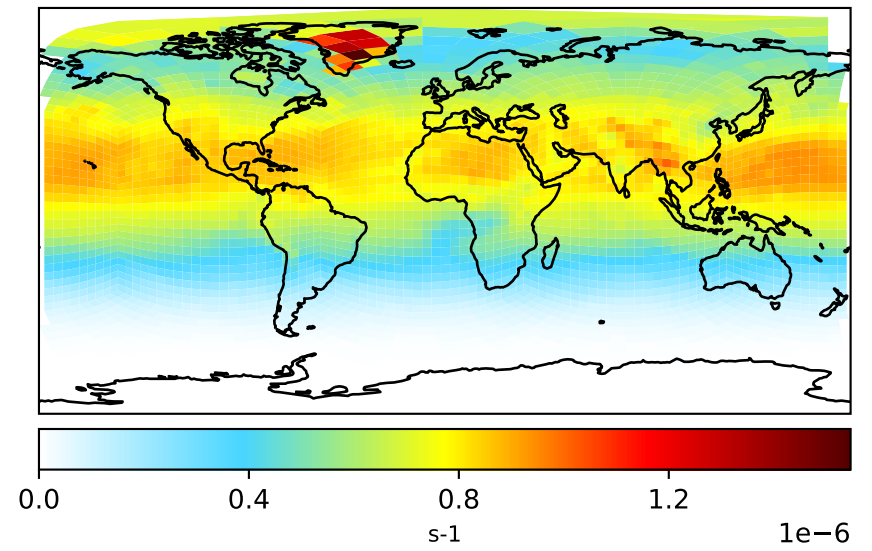


# Jval\_IPRNO3

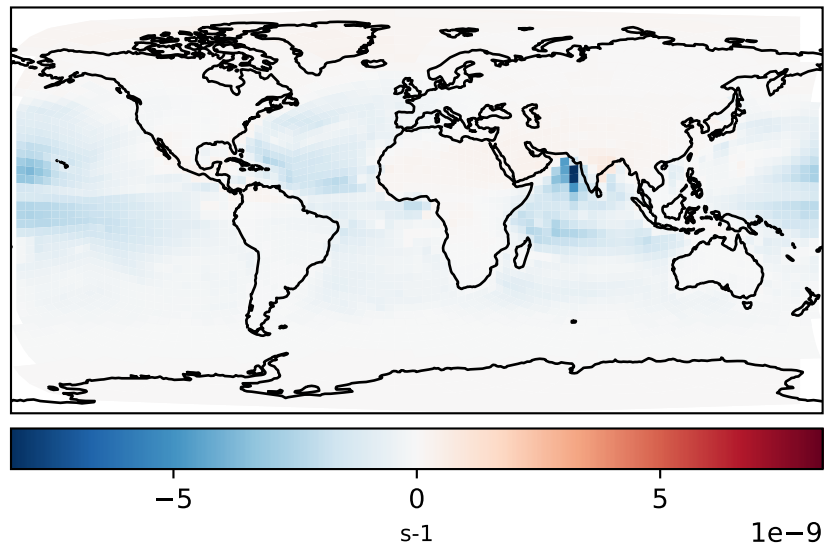
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



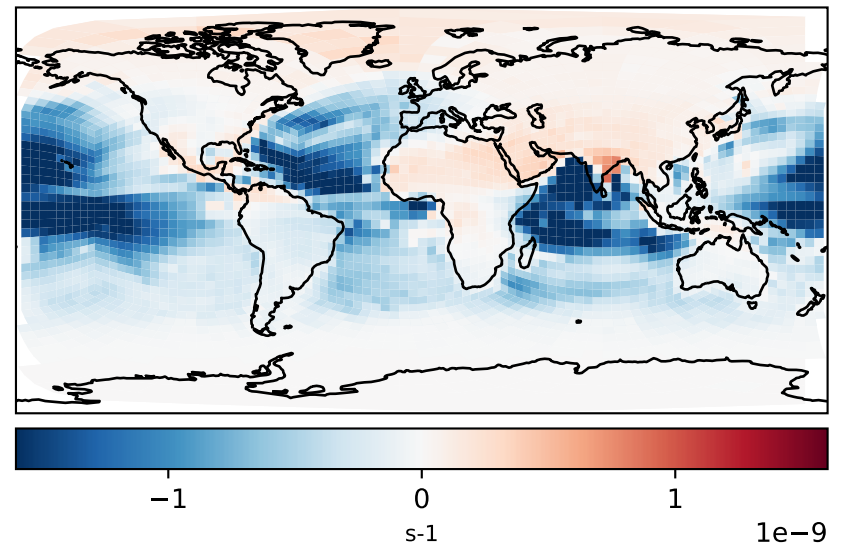
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



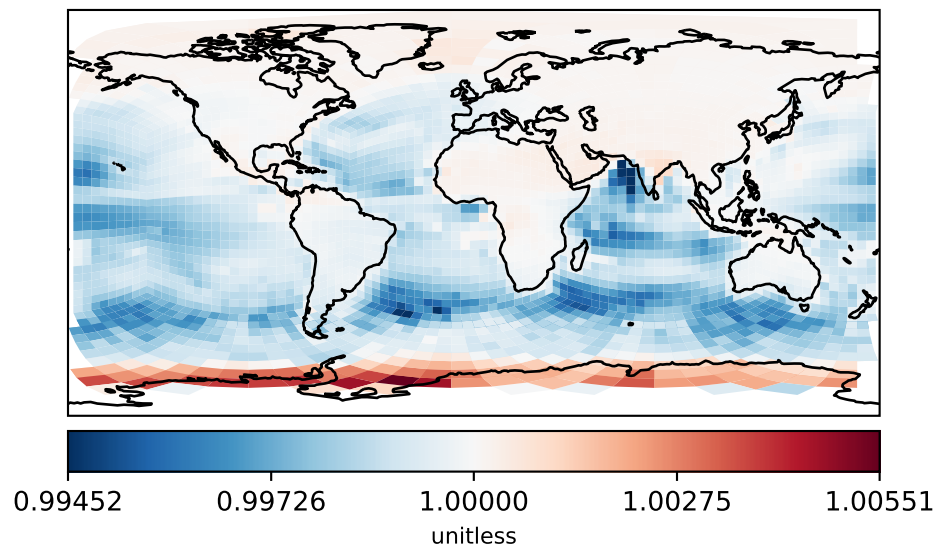
Difference  
Dev - Ref, Dynamic Range



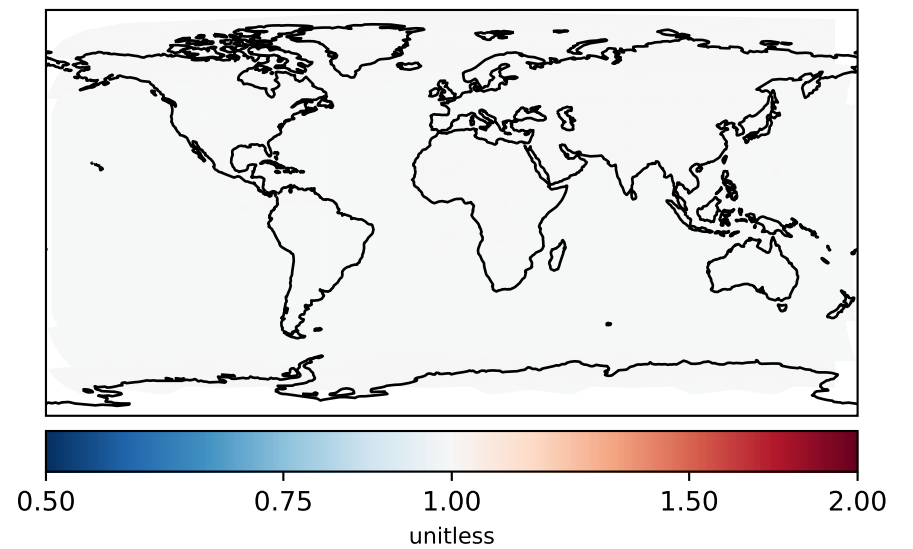
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

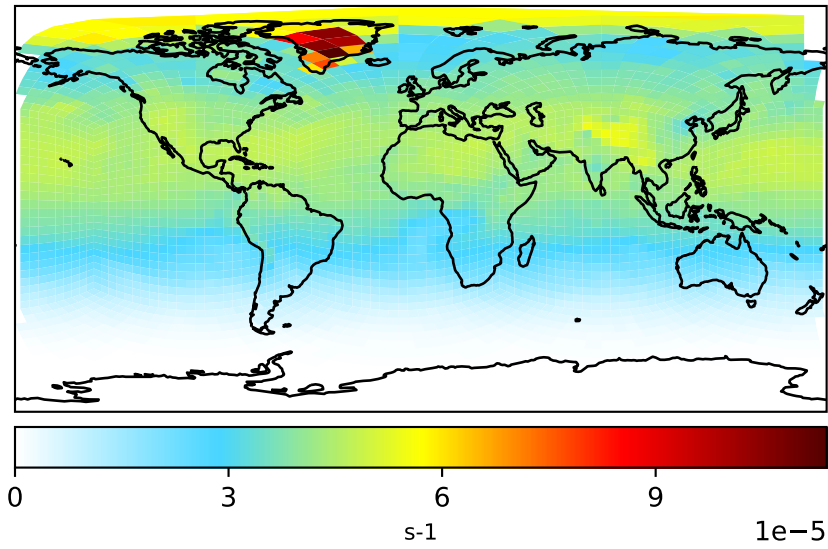


Ratio  
Dev/Ref, Fixed Range

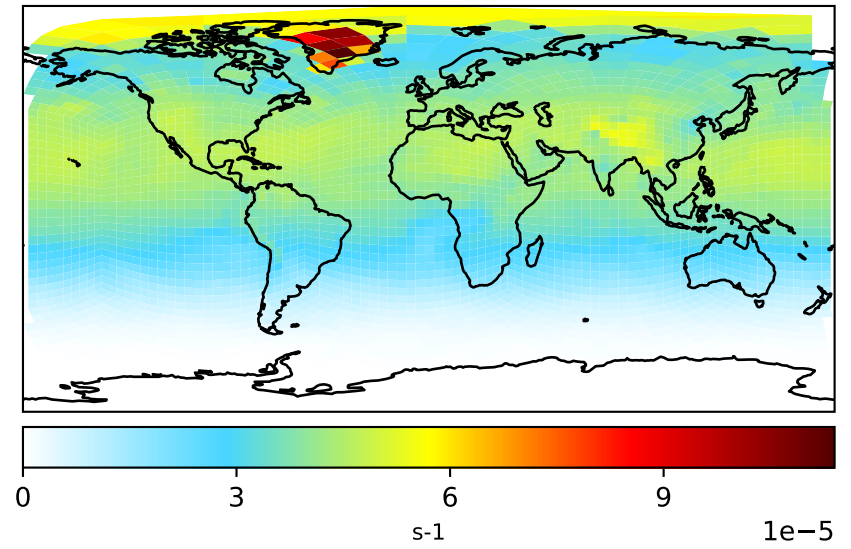


# Jval\_ITCN

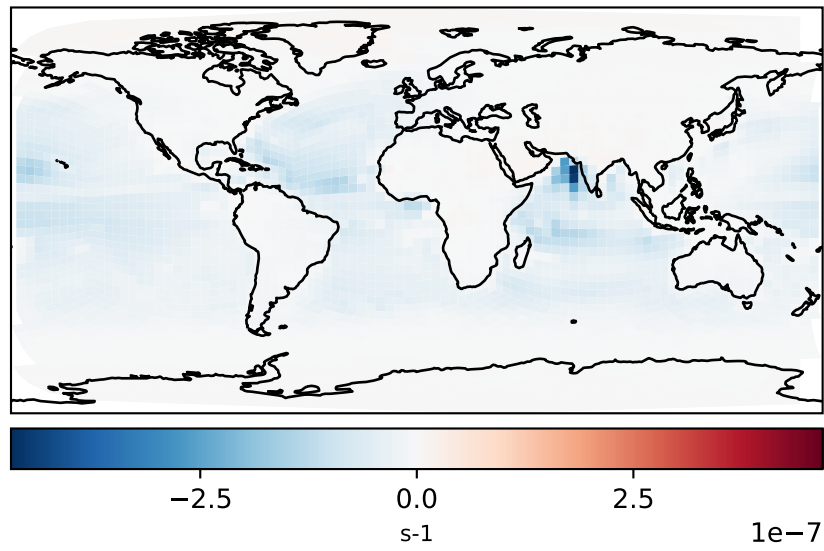
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



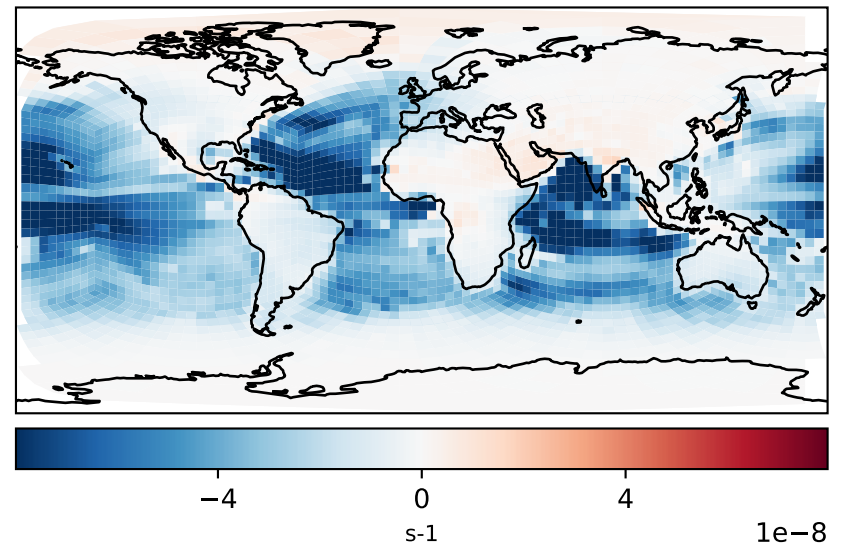
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



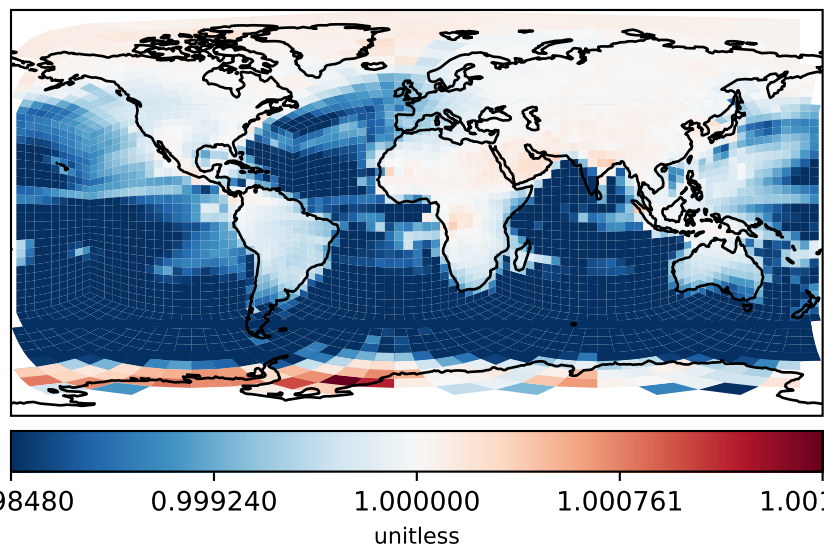
Difference  
Dev - Ref, Dynamic Range



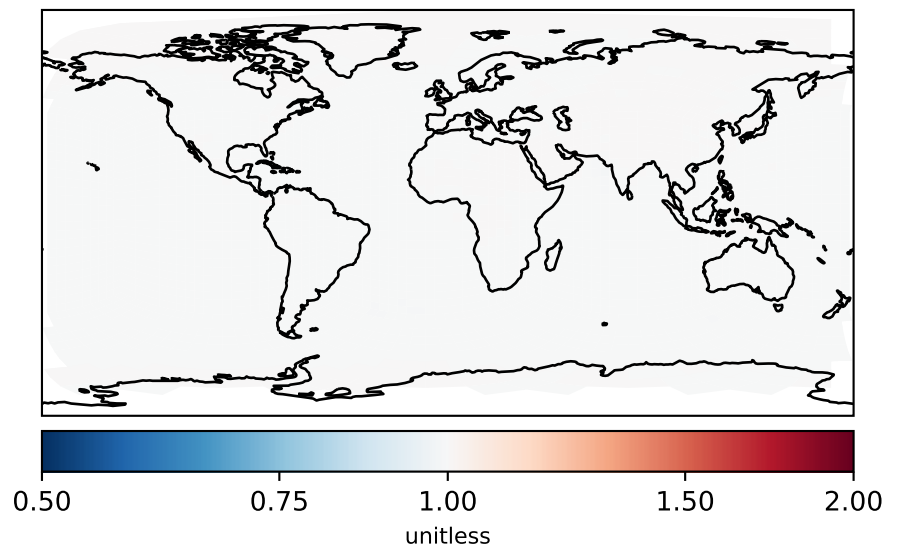
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

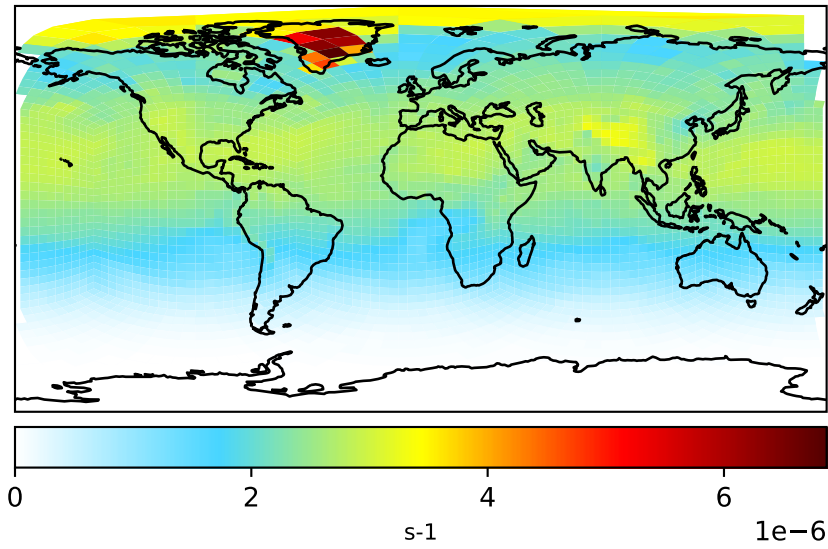


Ratio  
Dev/Ref, Fixed Range

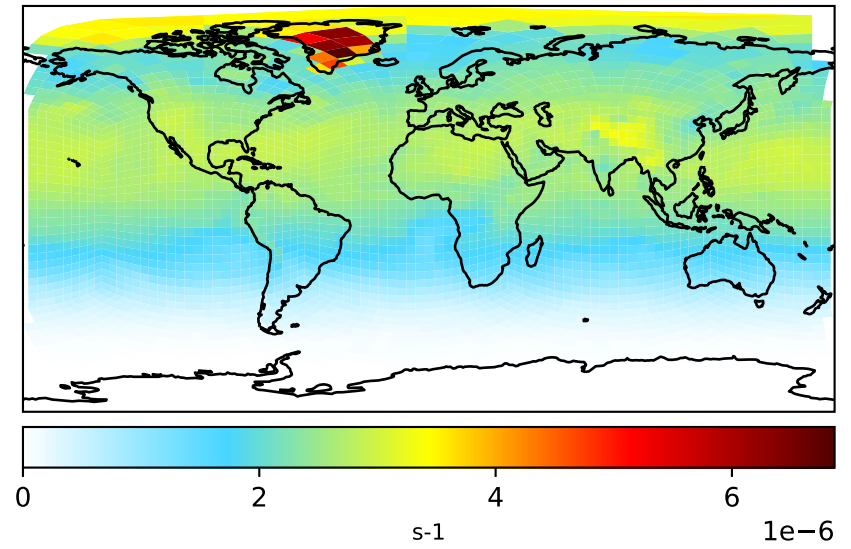


# Jval\_ITHN

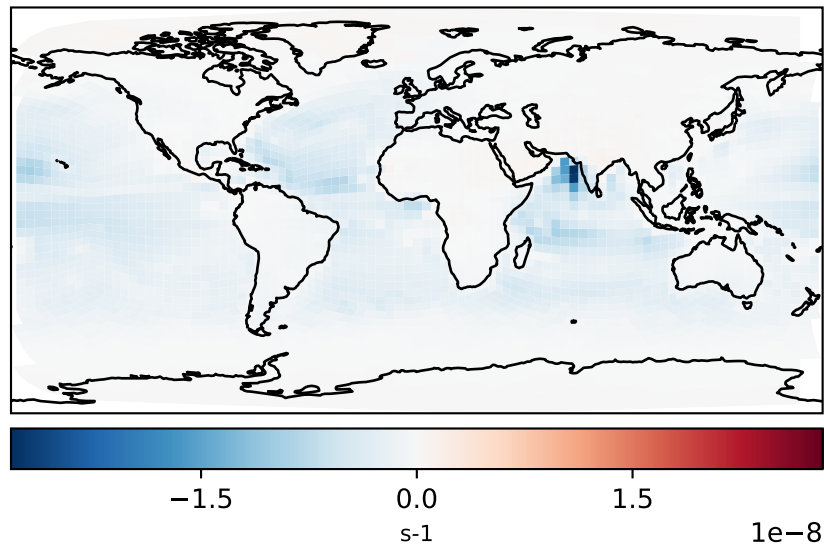
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



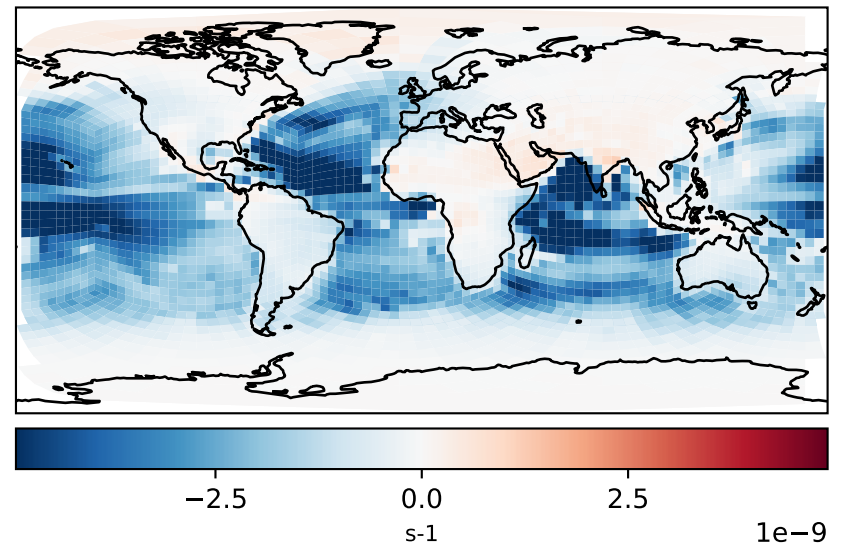
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



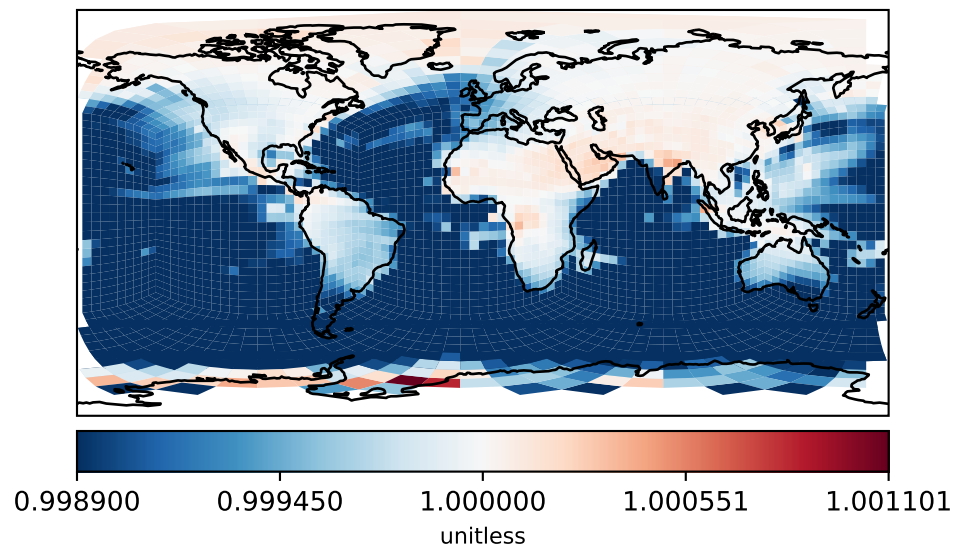
Difference  
Dev - Ref, Dynamic Range



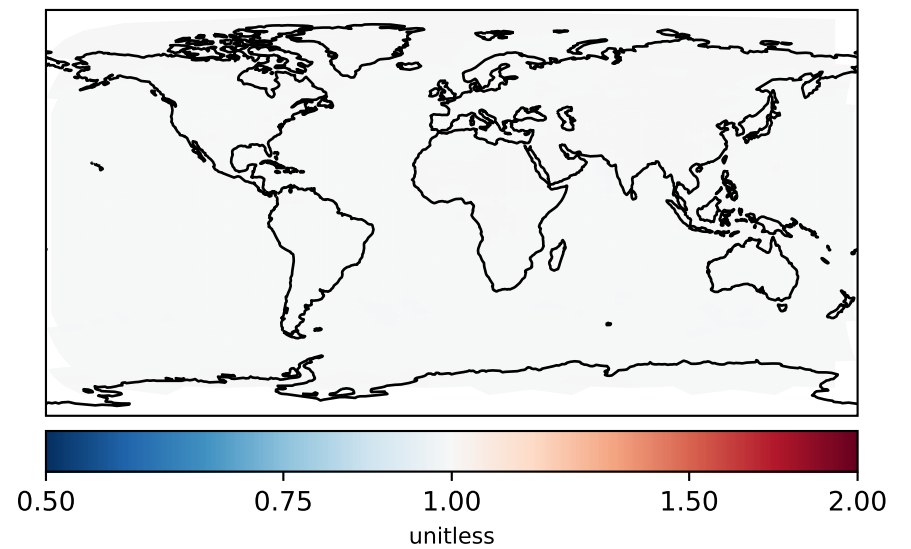
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

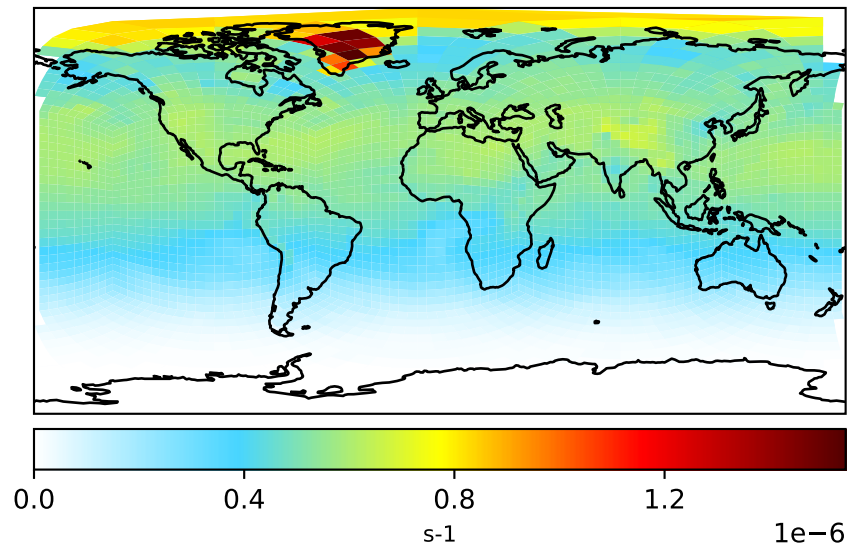


Ratio  
Dev/Ref, Fixed Range

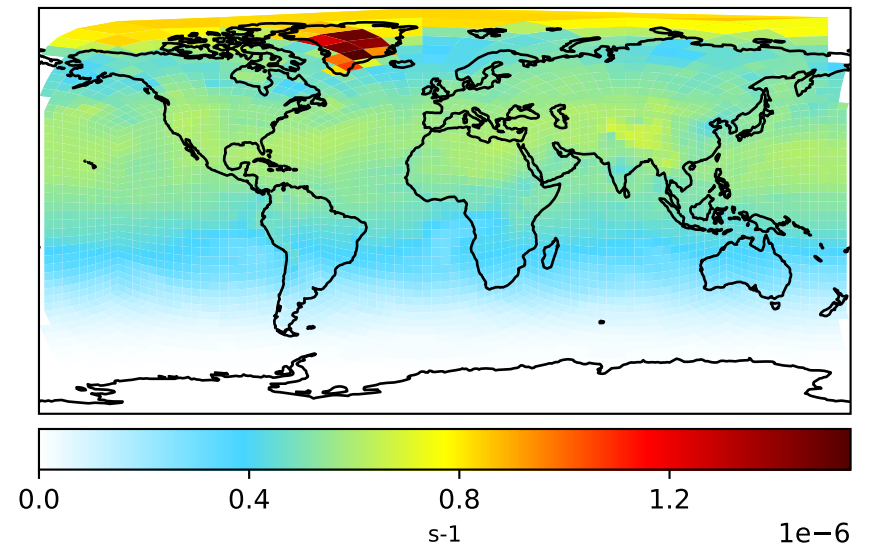


# Jval\_MACR

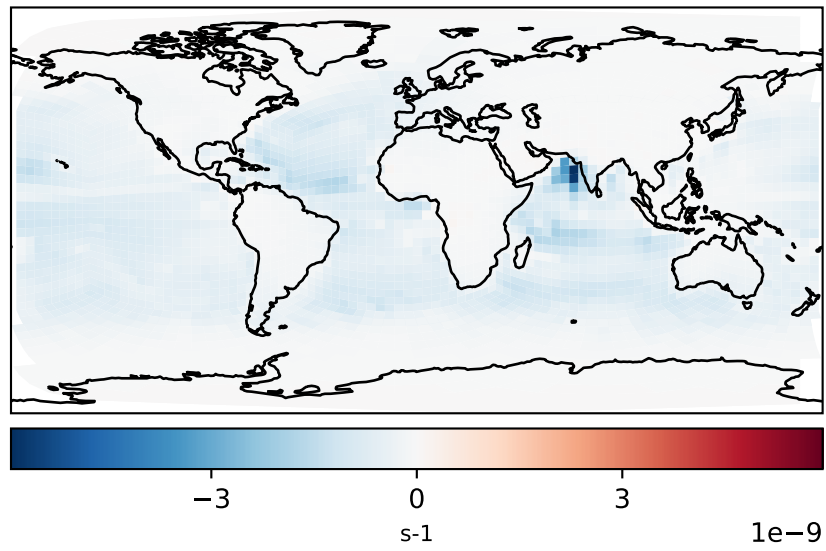
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



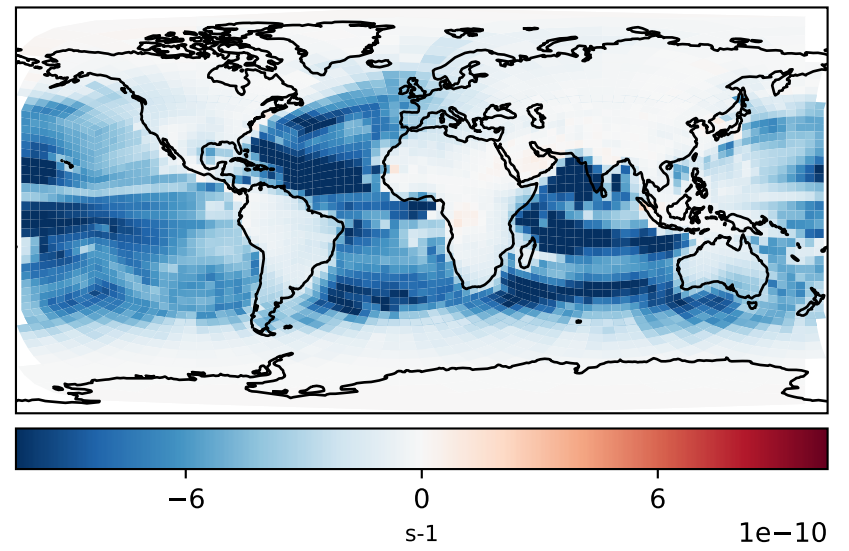
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



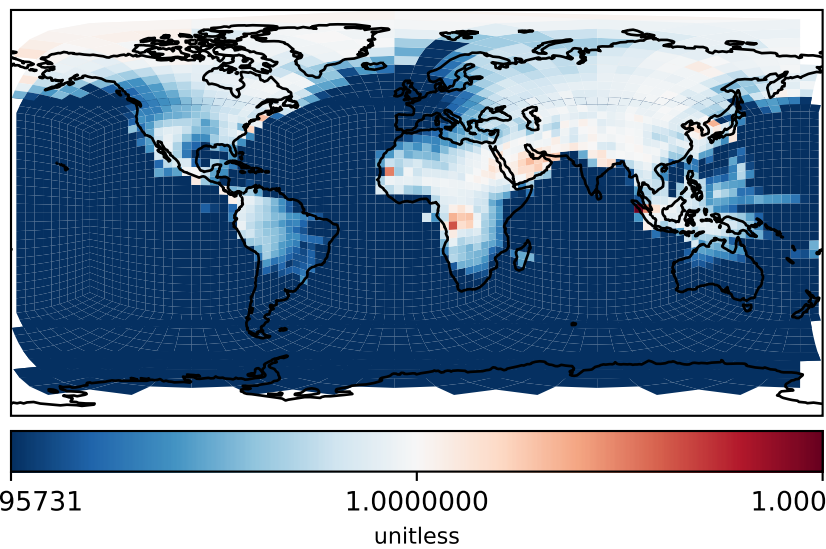
Difference  
Dev - Ref, Dynamic Range



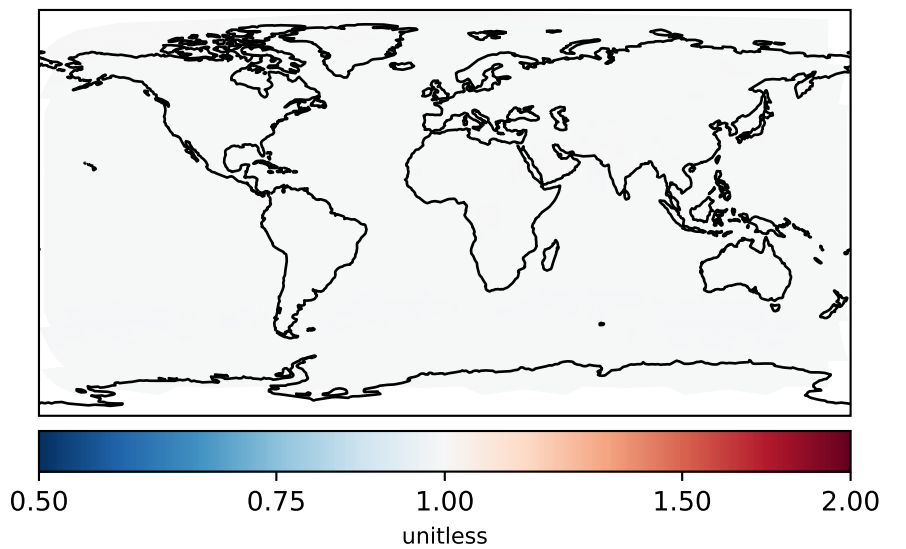
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

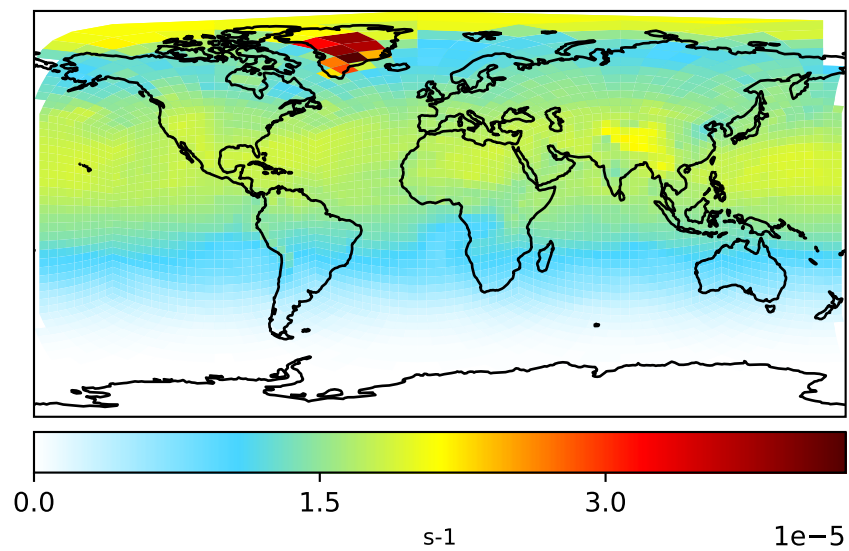


Ratio  
Dev/Ref, Fixed Range

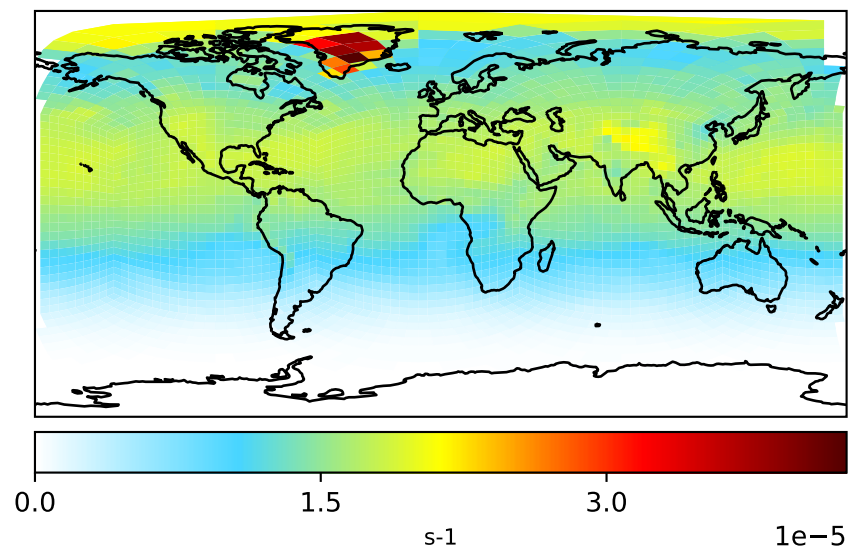


# Jval\_MACR100H

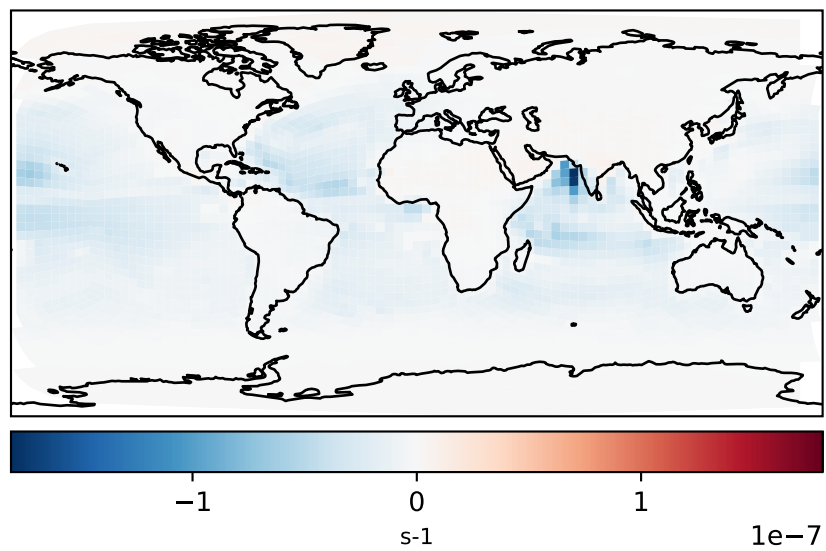
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



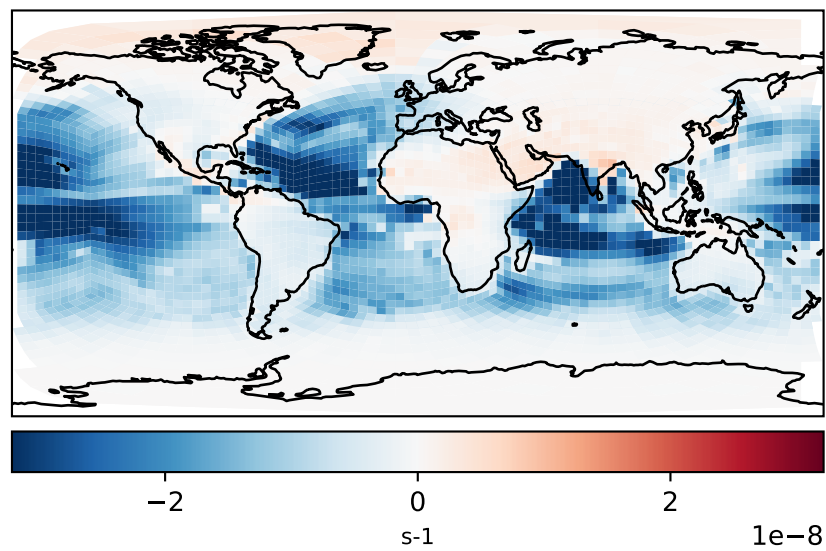
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



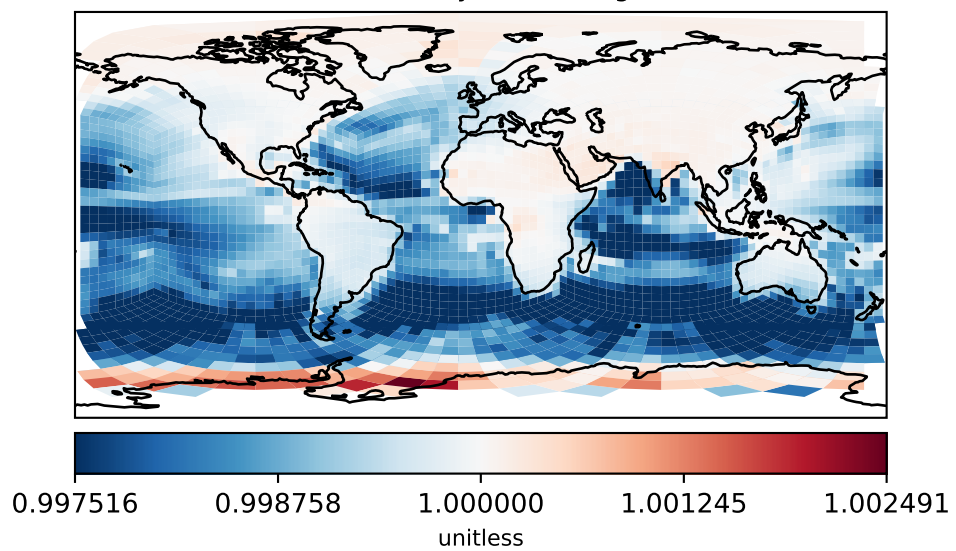
Difference  
Dev - Ref, Dynamic Range



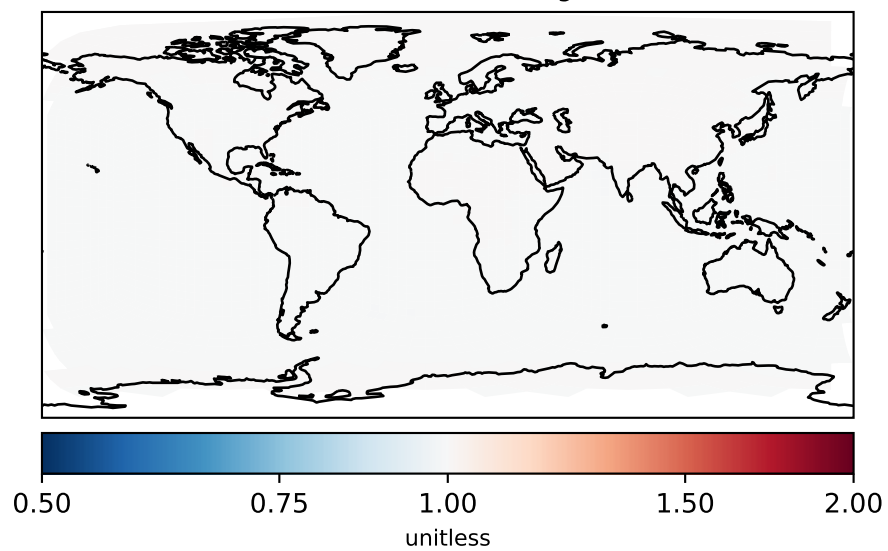
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

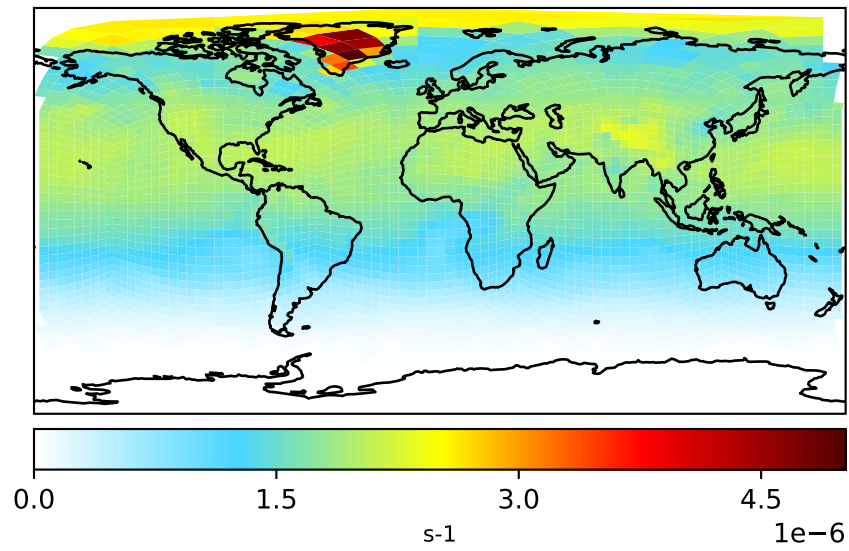


Ratio  
Dev/Ref, Fixed Range

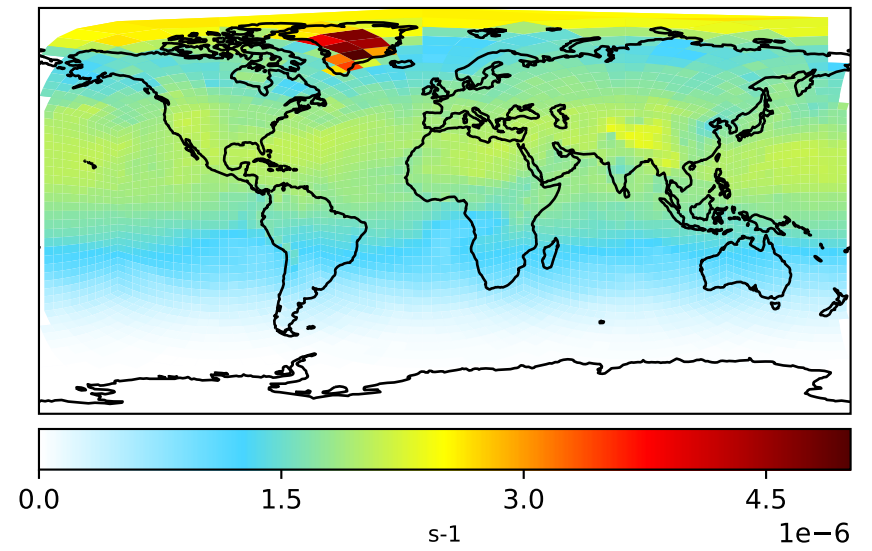


# Jval\_MAP

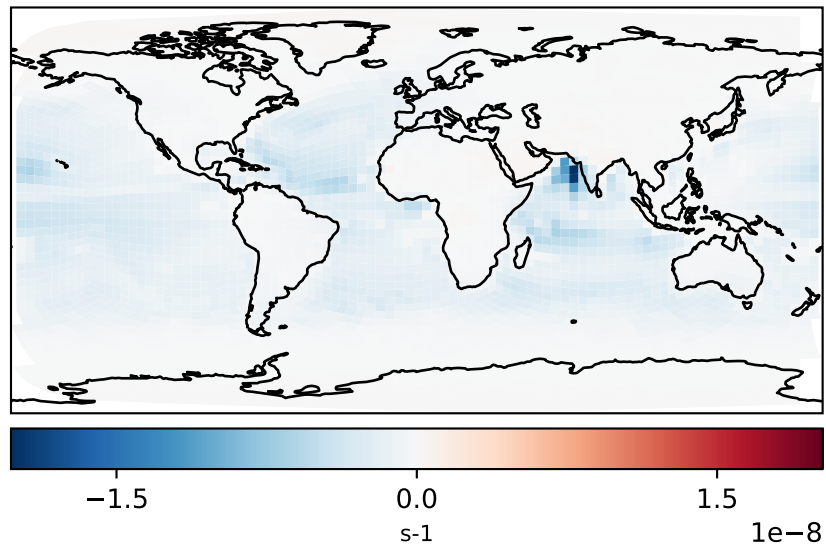
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



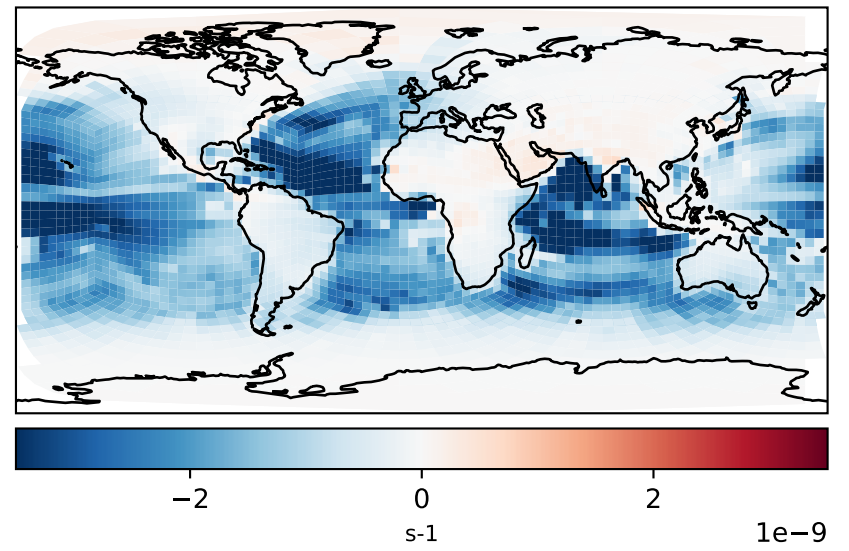
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



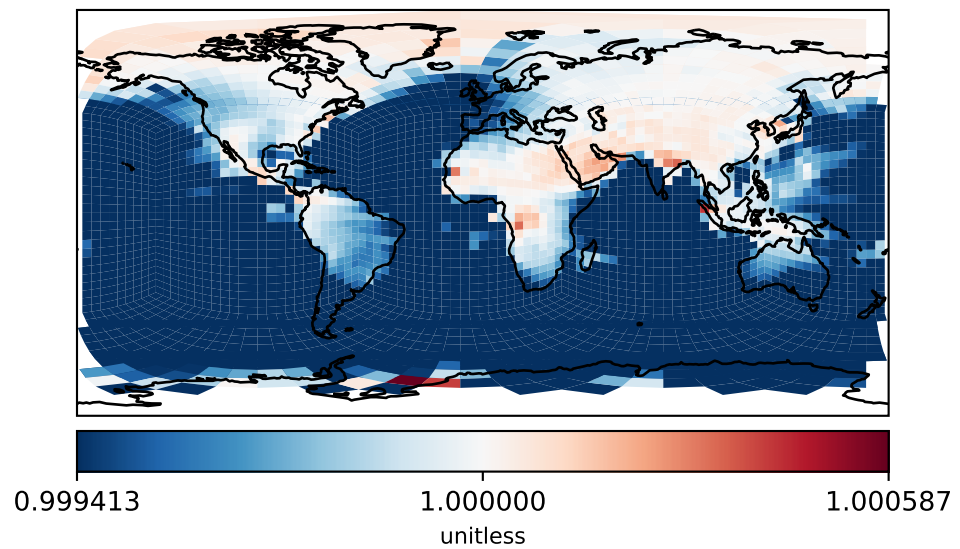
Difference  
Dev - Ref, Dynamic Range



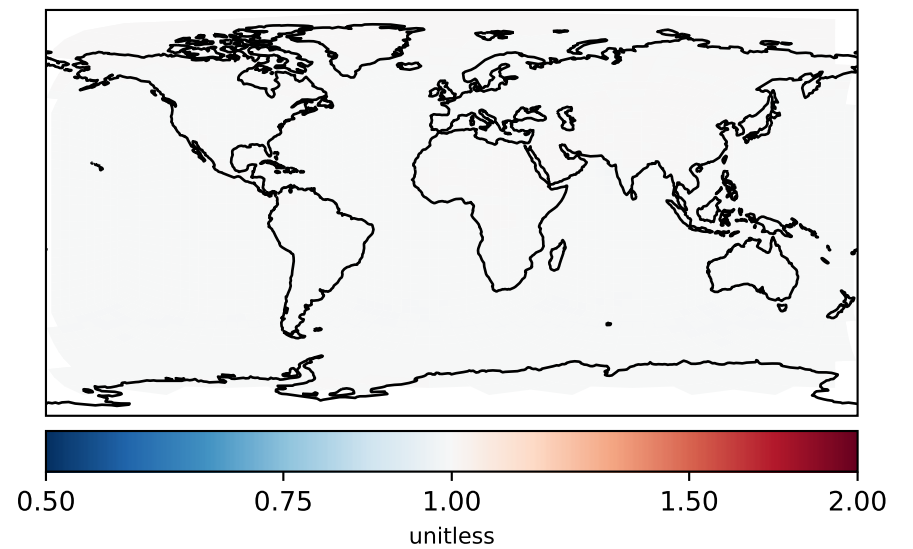
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

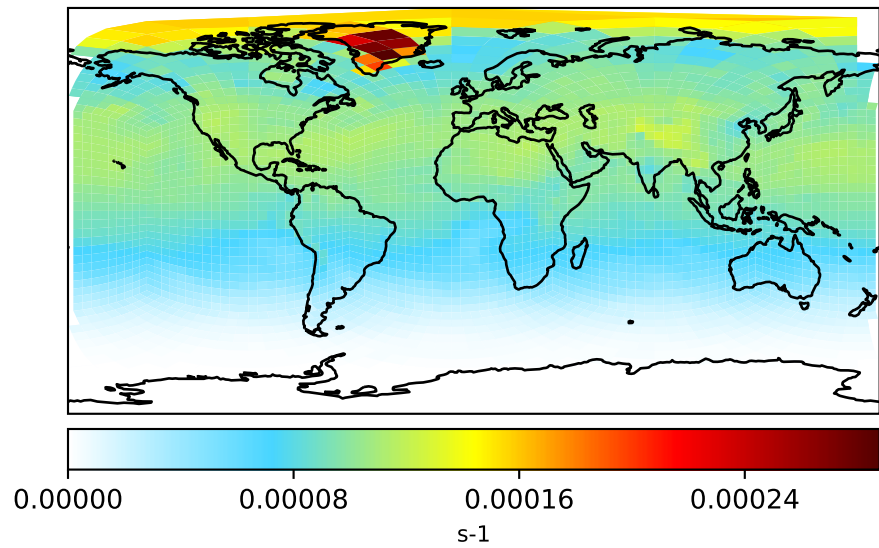


Ratio  
Dev/Ref, Fixed Range

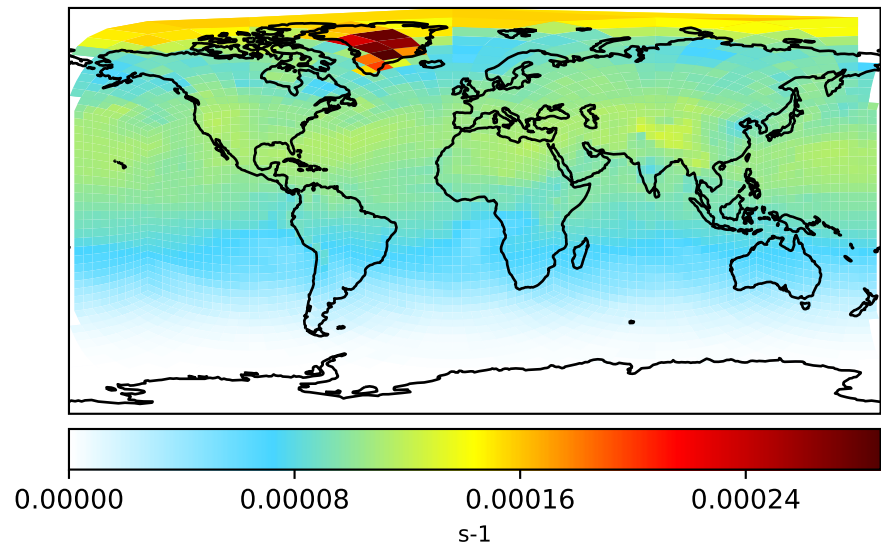


# Jval\_MCRENOL

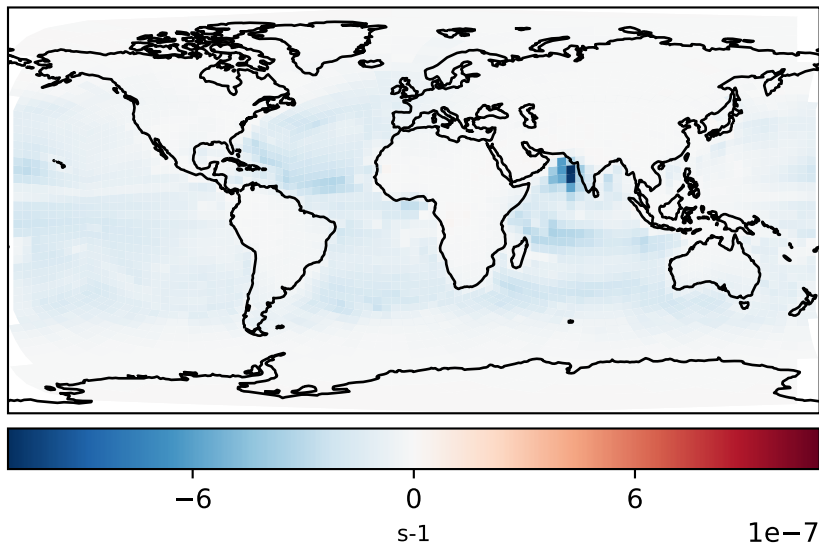
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



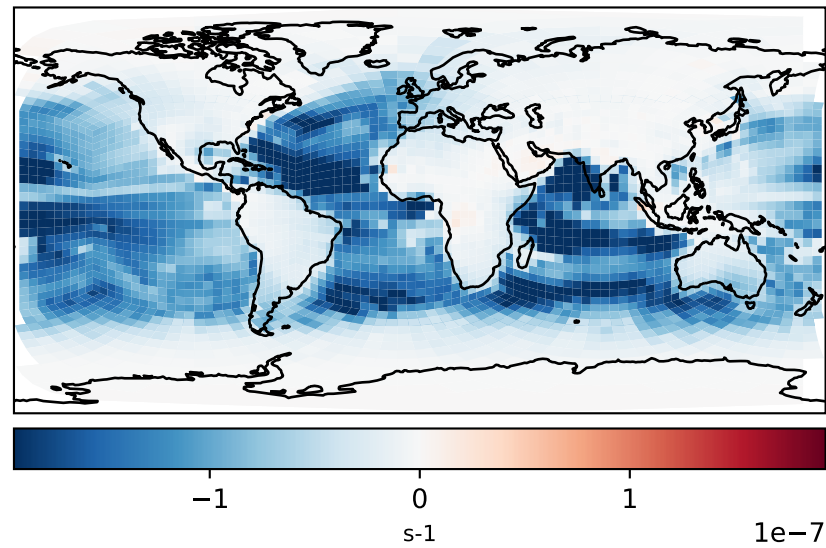
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



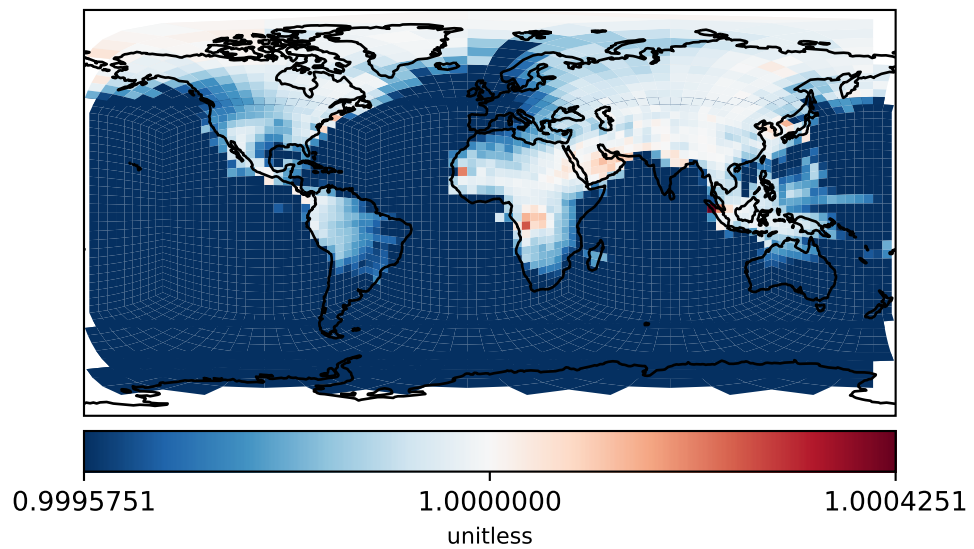
Difference  
Dev - Ref, Dynamic Range



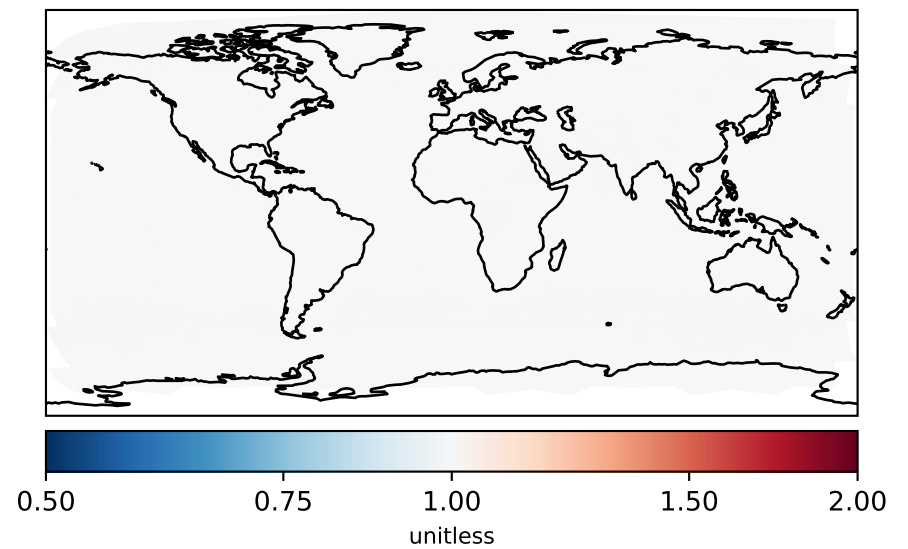
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

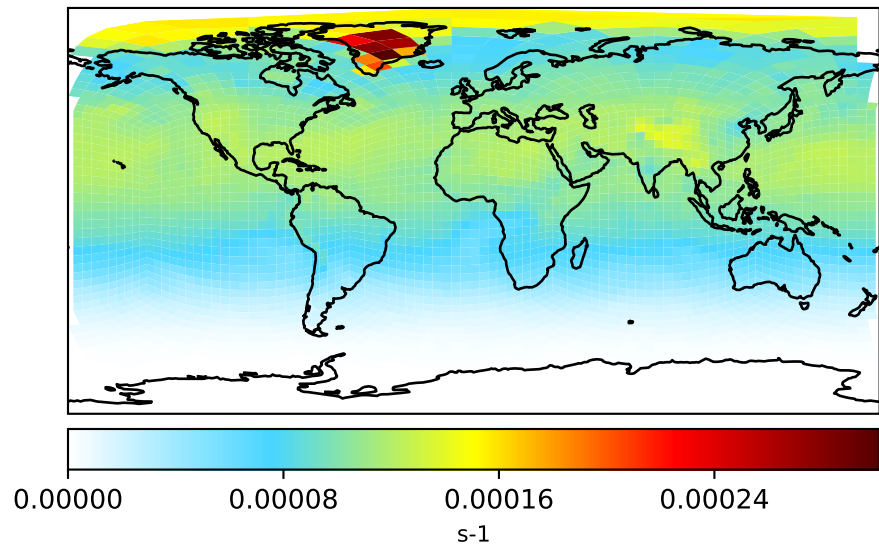


Ratio  
Dev/Ref, Fixed Range

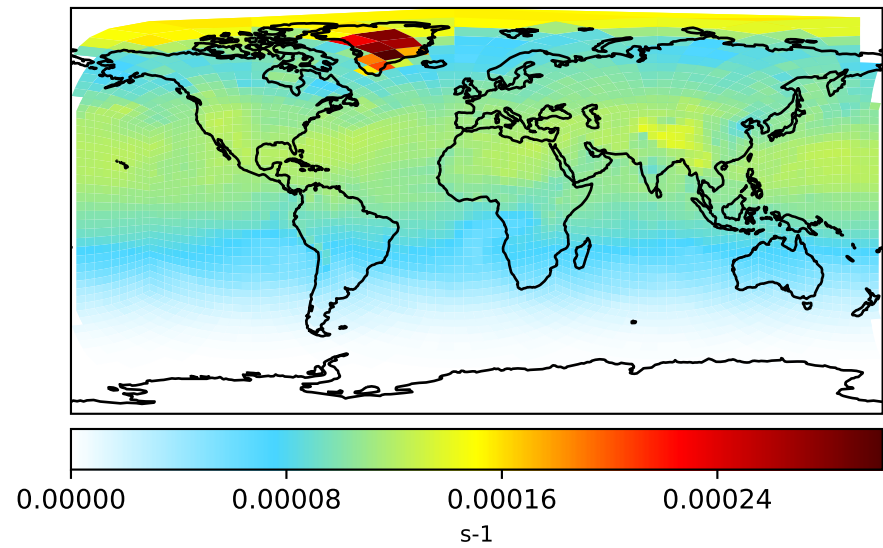


# Jval\_MCRHN

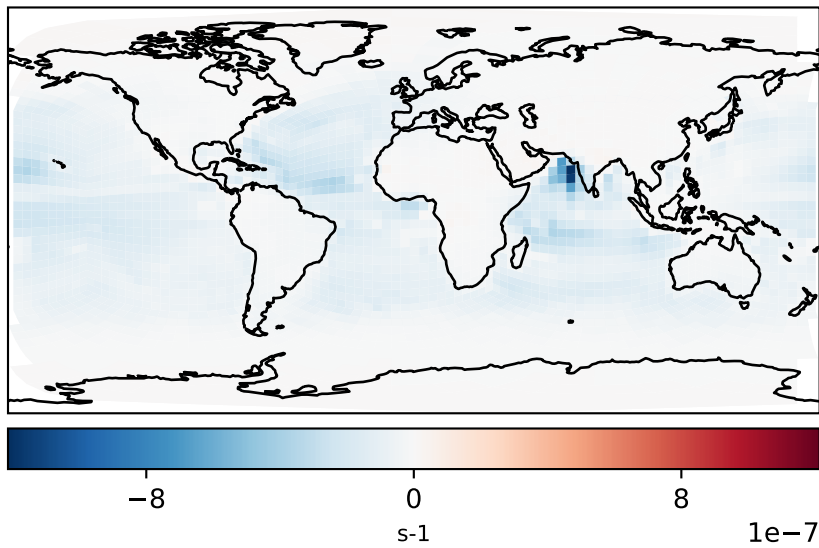
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



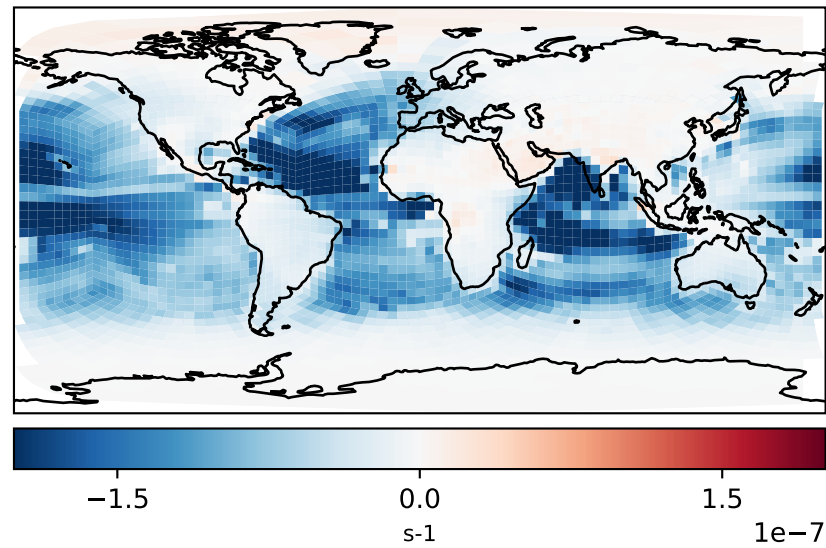
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



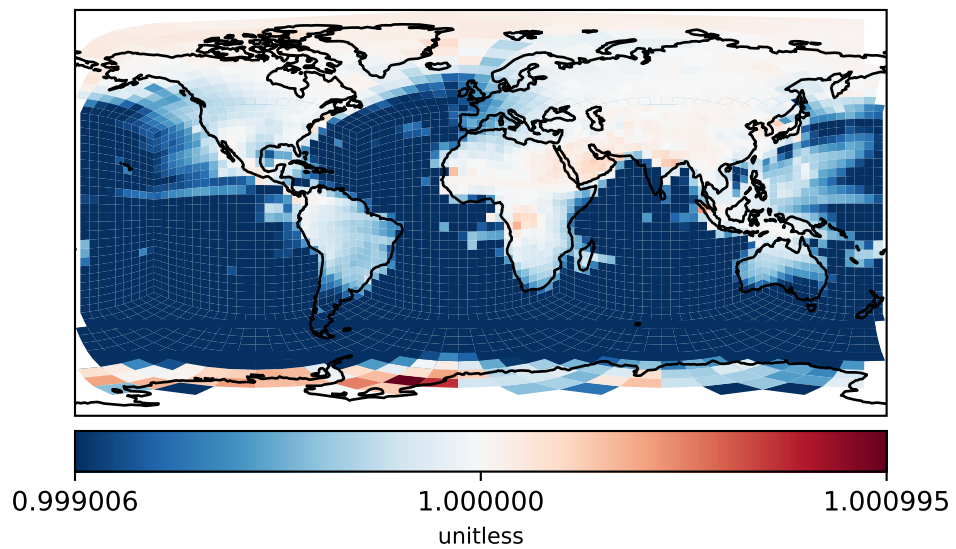
Difference  
Dev - Ref, Dynamic Range



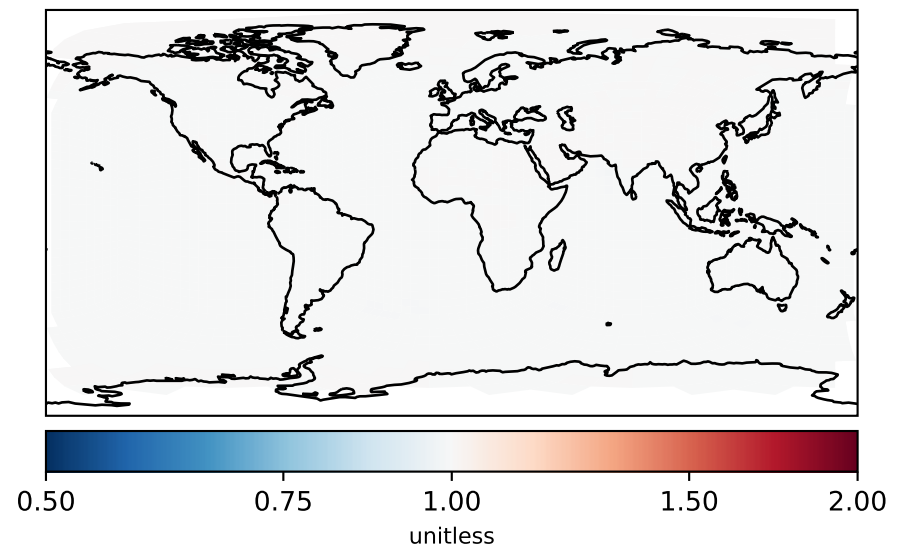
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



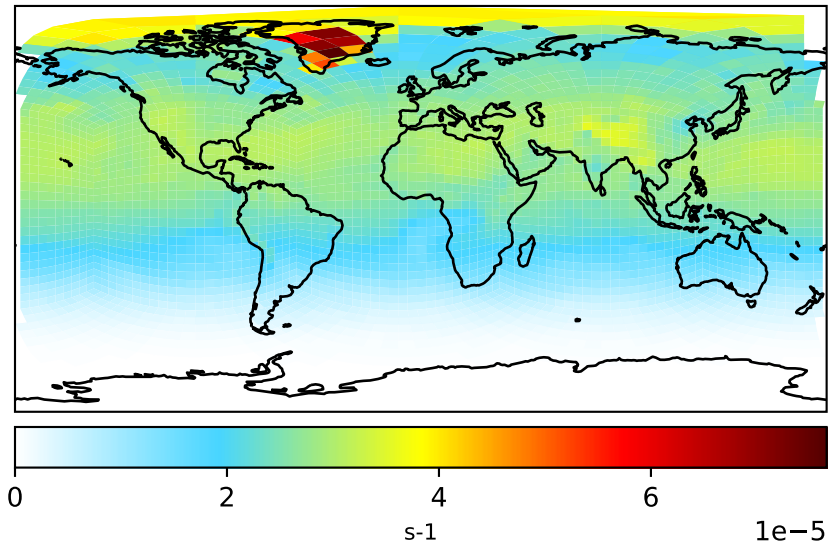
Ratio  
Dev/Ref, Fixed Range



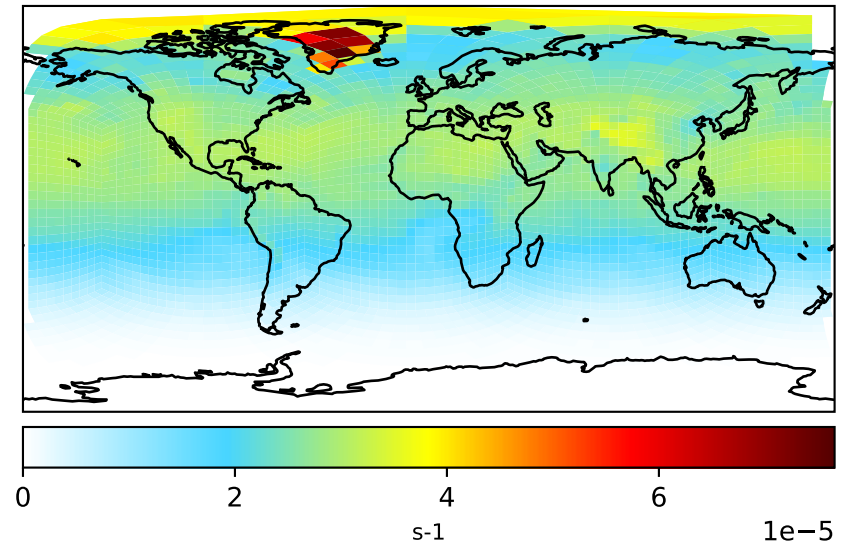


# Jval\_MCRHNB

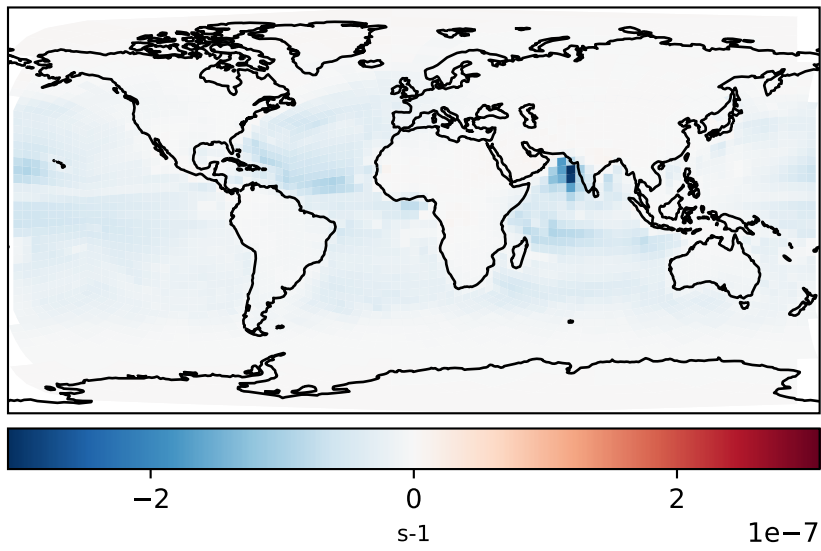
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



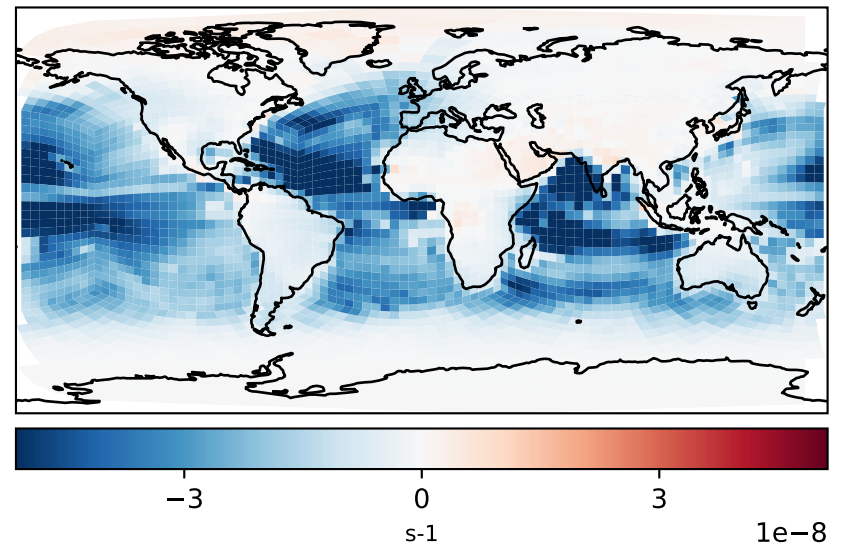
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



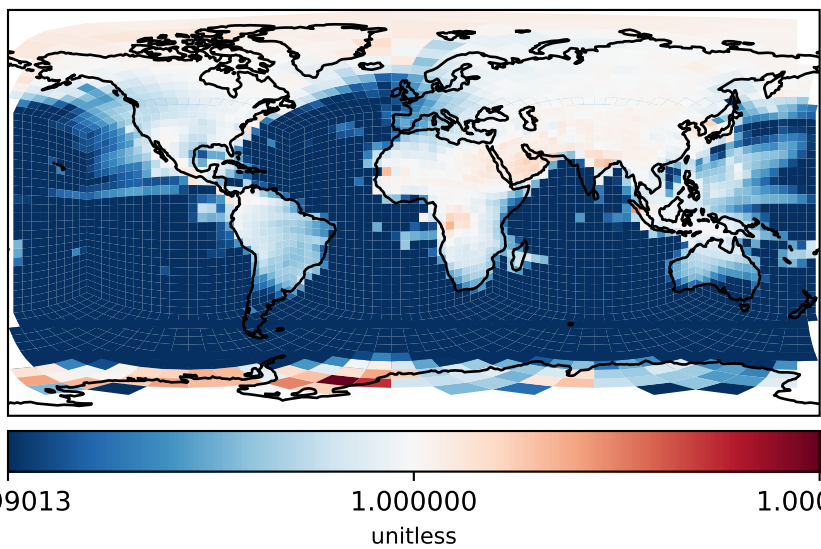
Difference  
Dev - Ref, Dynamic Range



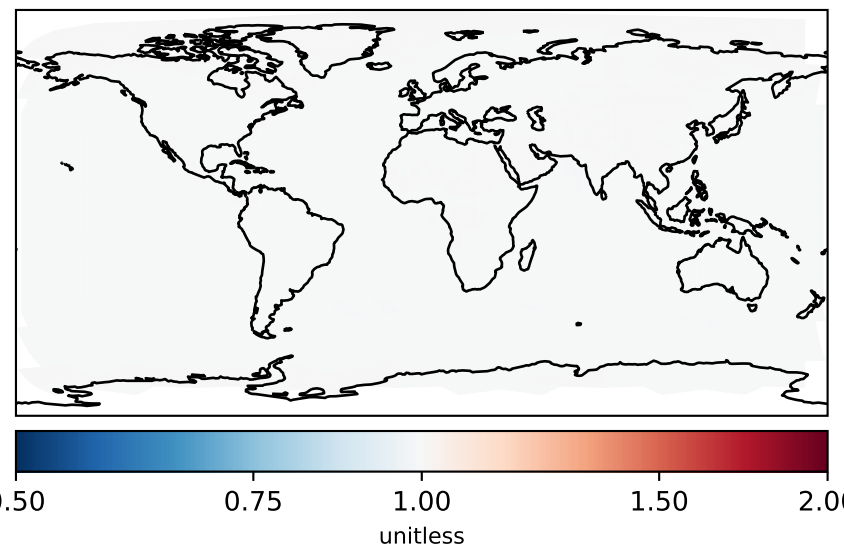
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

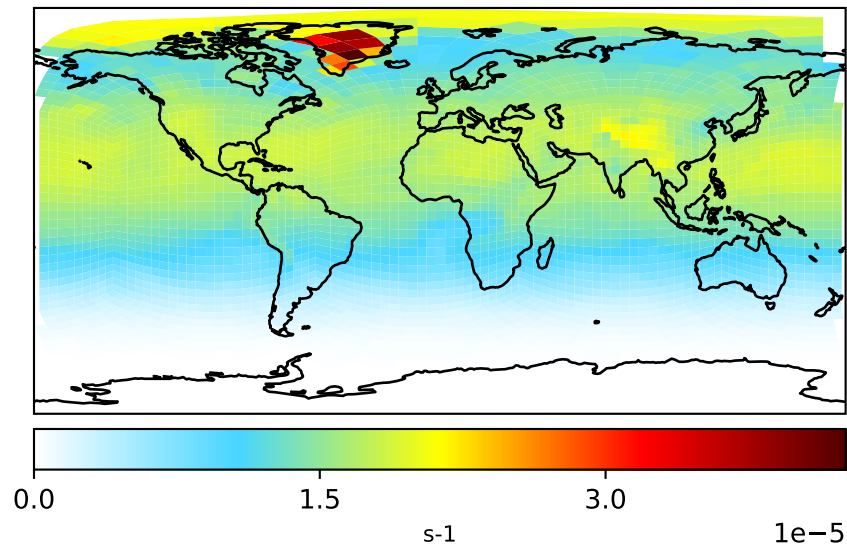


Ratio  
Dev/Ref, Fixed Range

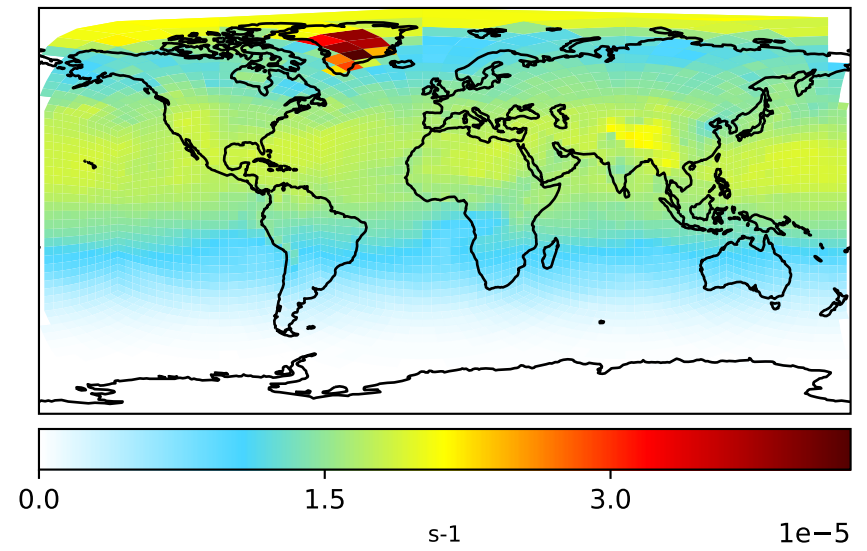


# Jval\_MCRHP

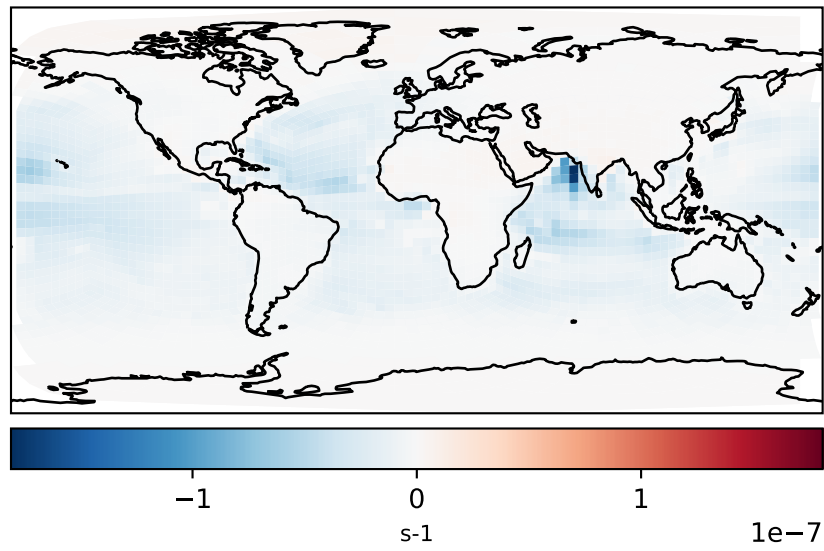
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



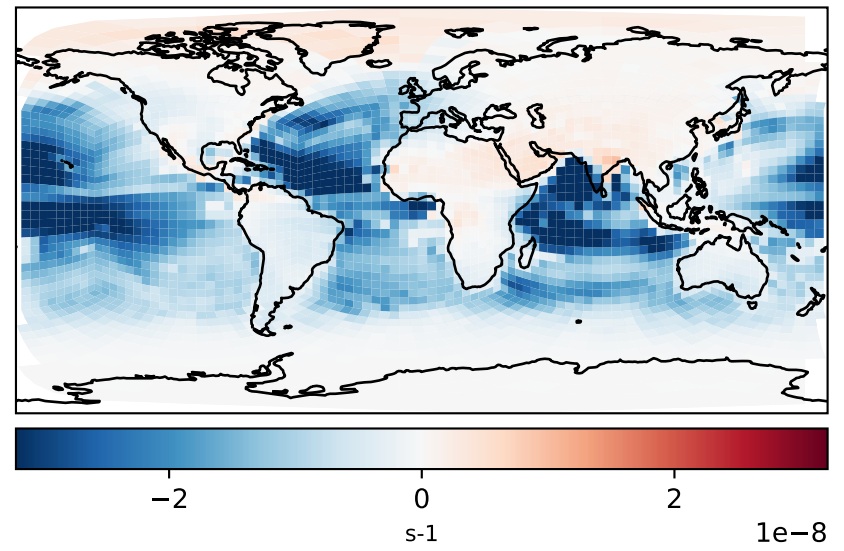
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



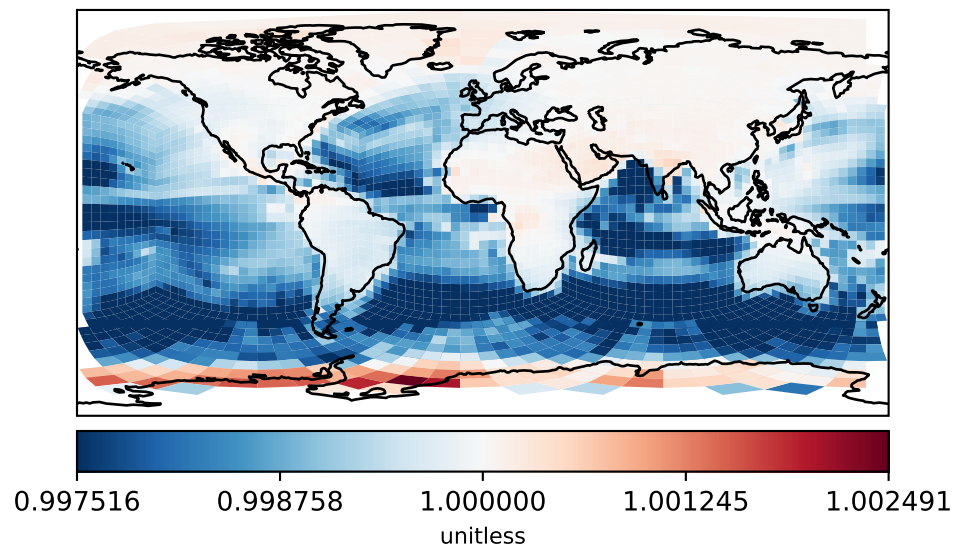
Difference  
Dev - Ref, Dynamic Range



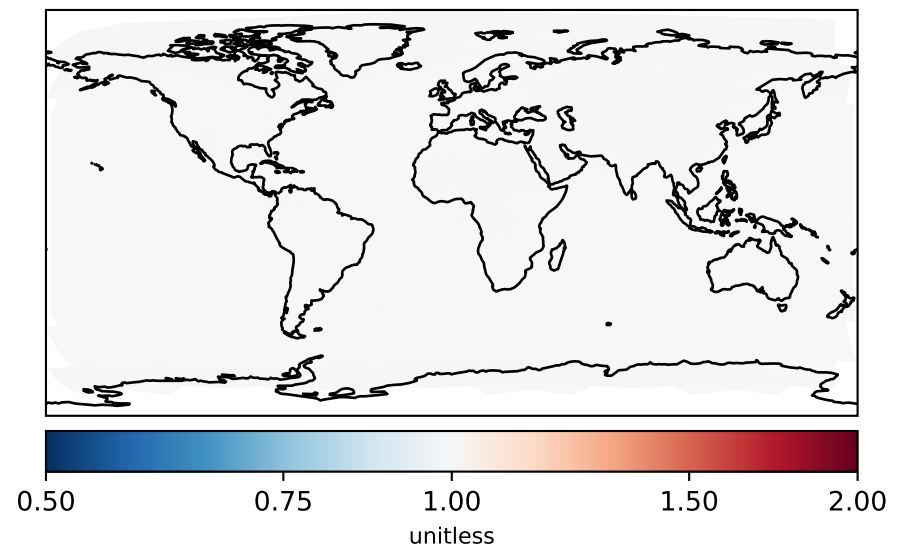
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

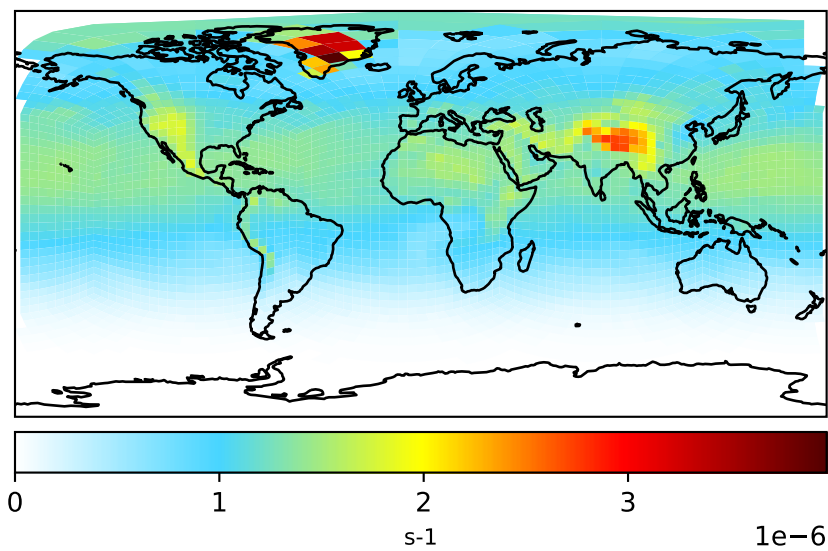


Ratio  
Dev/Ref, Fixed Range

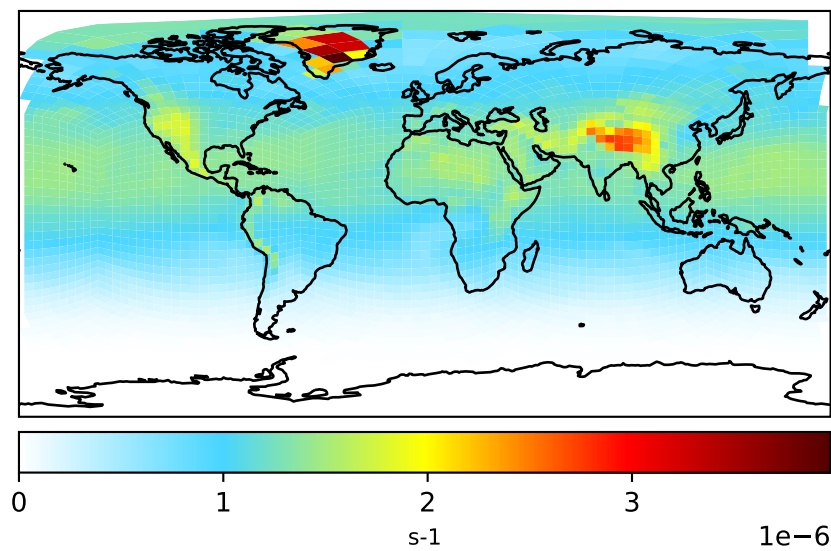


# Jval\_MEK

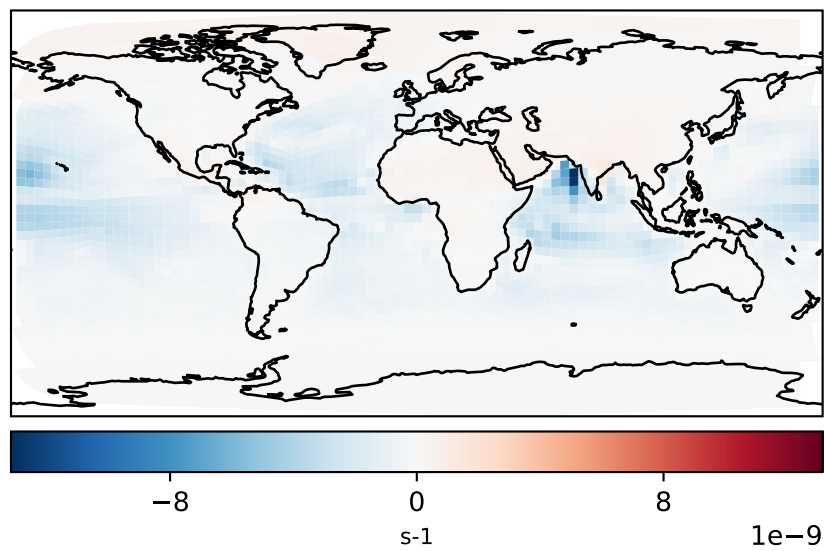
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



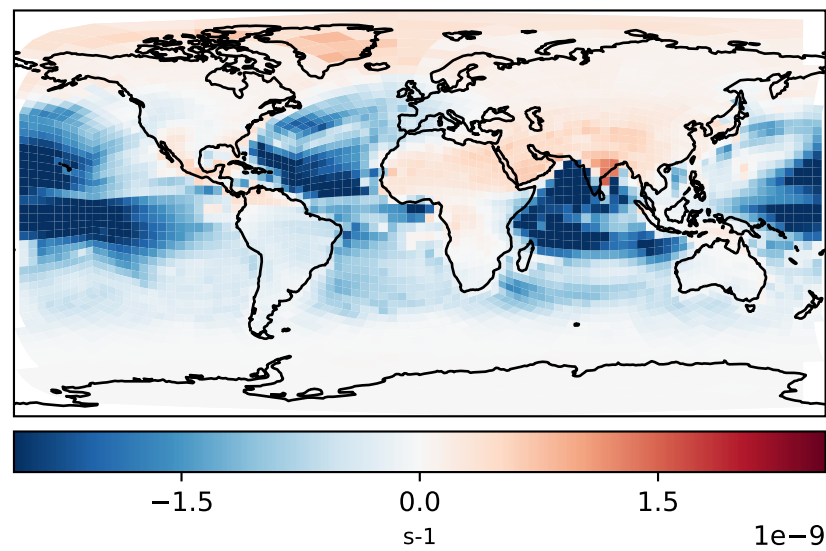
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



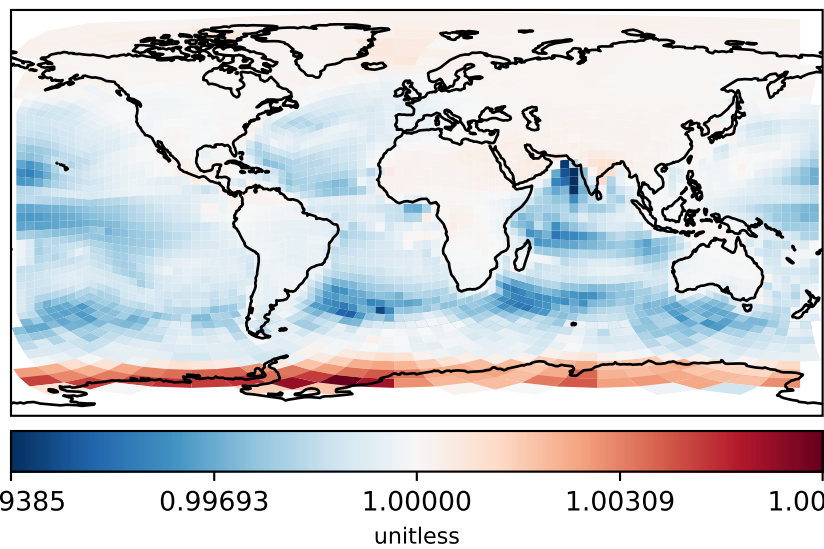
Difference  
Dev - Ref, Dynamic Range



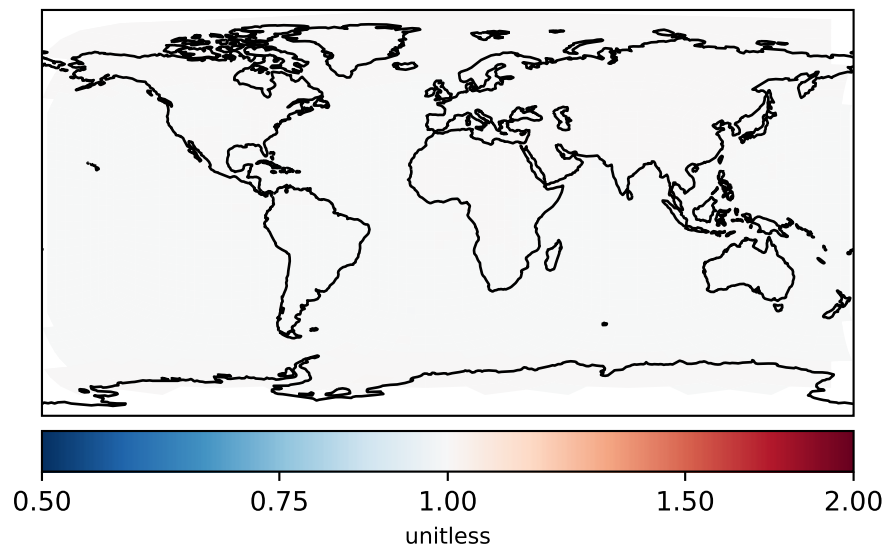
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

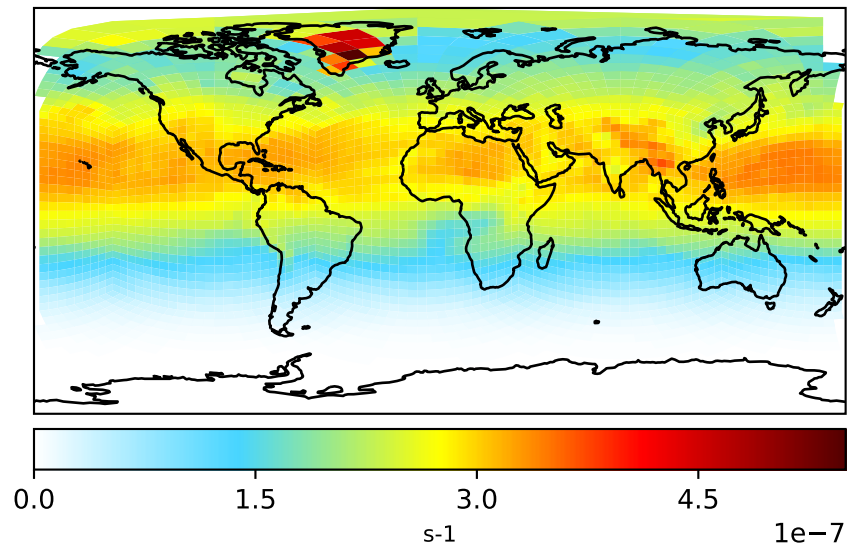


Ratio  
Dev/Ref, Fixed Range

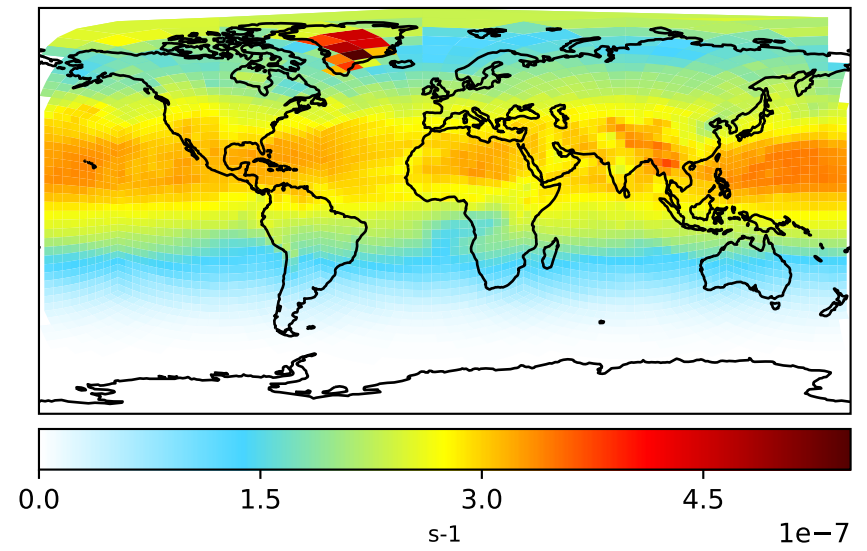


# Jval\_MEN03

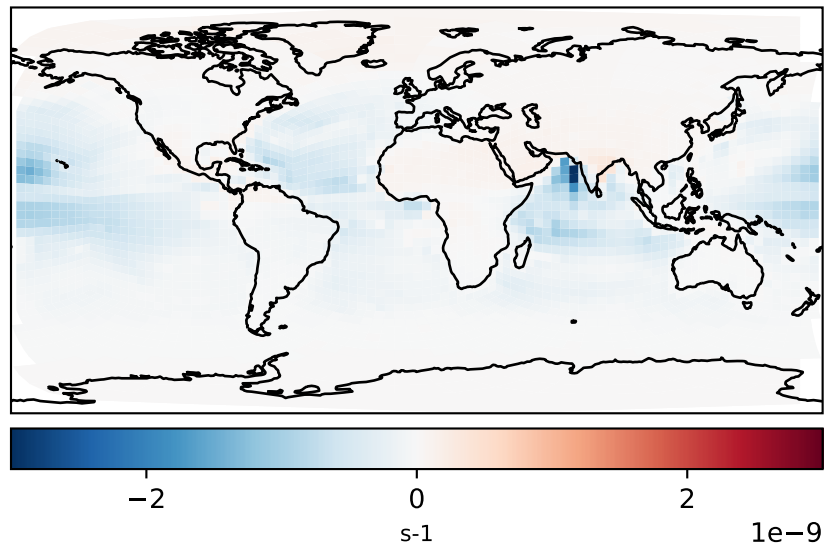
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



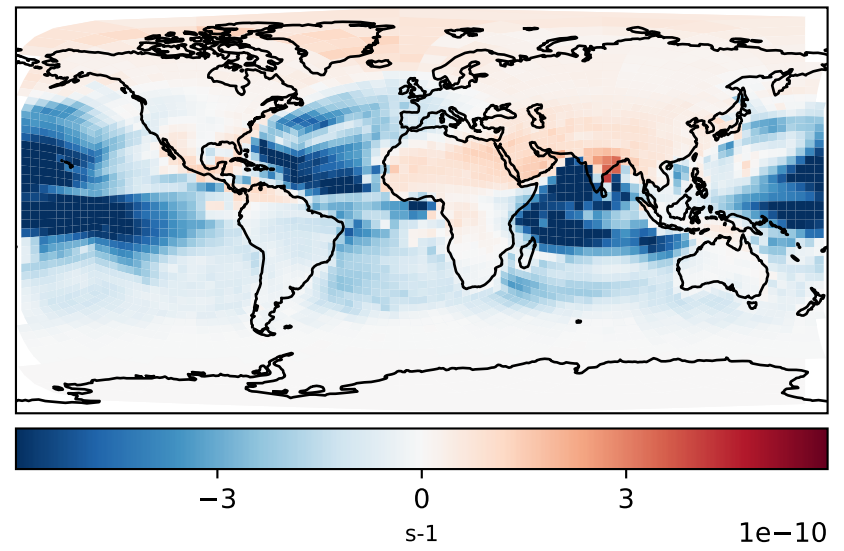
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



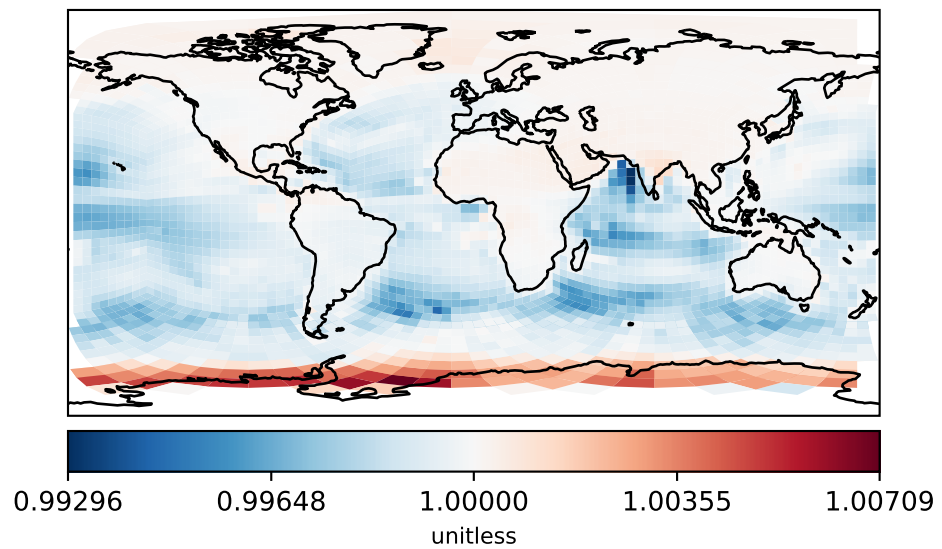
Difference  
Dev - Ref, Dynamic Range



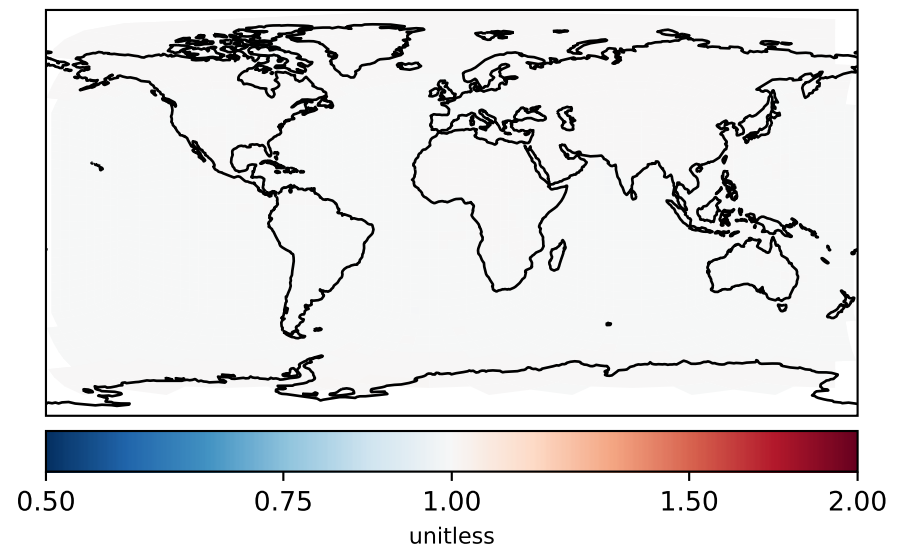
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

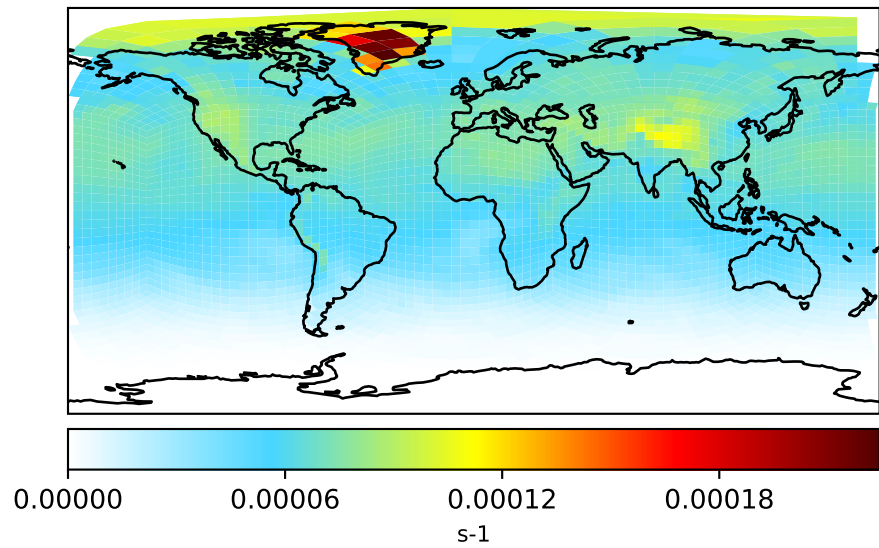


Ratio  
Dev/Ref, Fixed Range

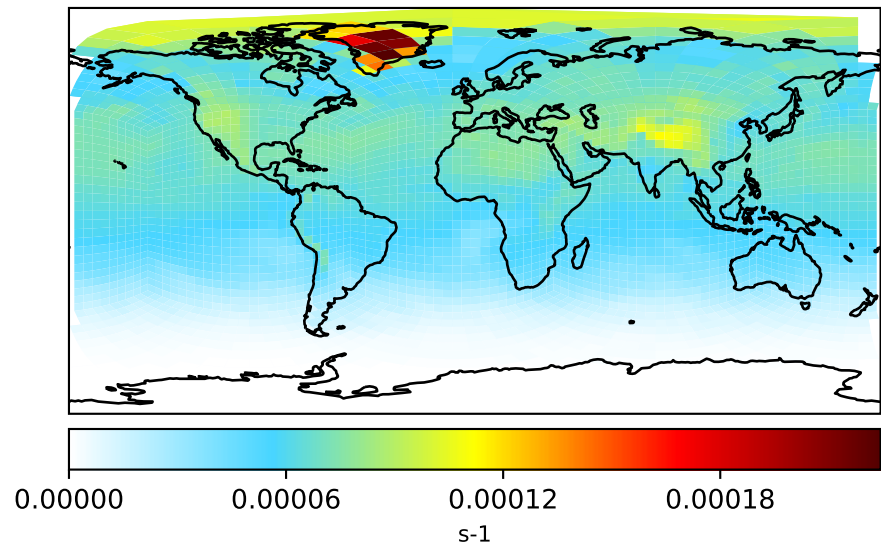


# Jval\_MGLY

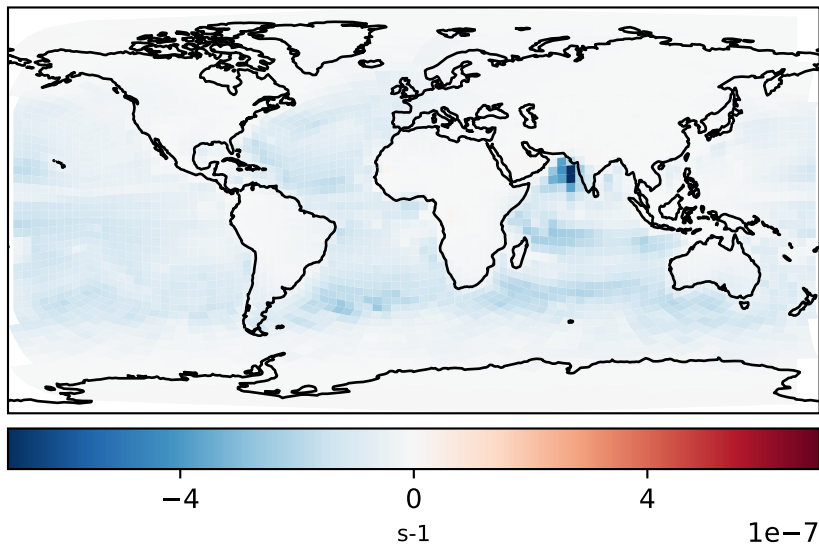
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



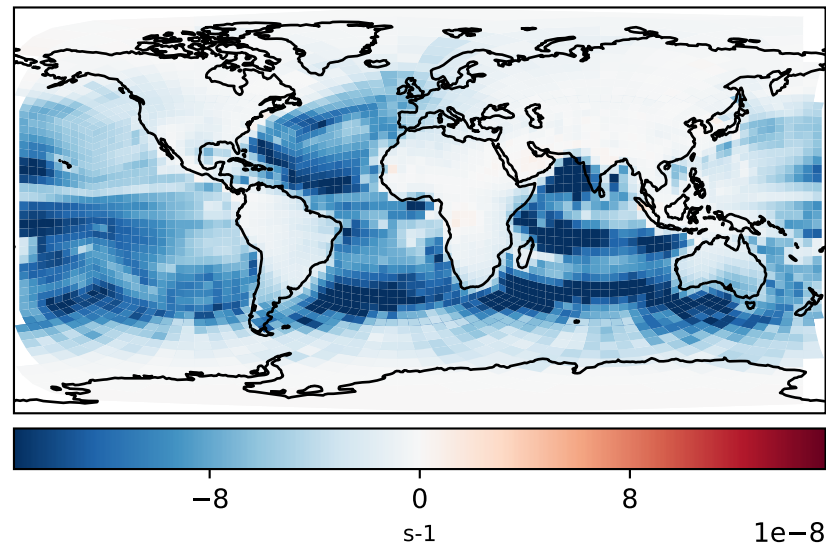
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



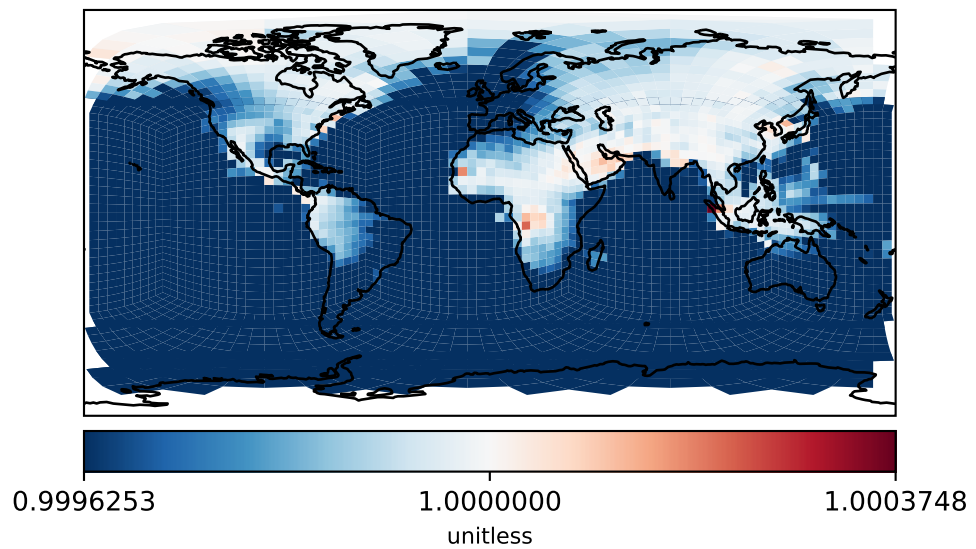
Difference  
Dev - Ref, Dynamic Range



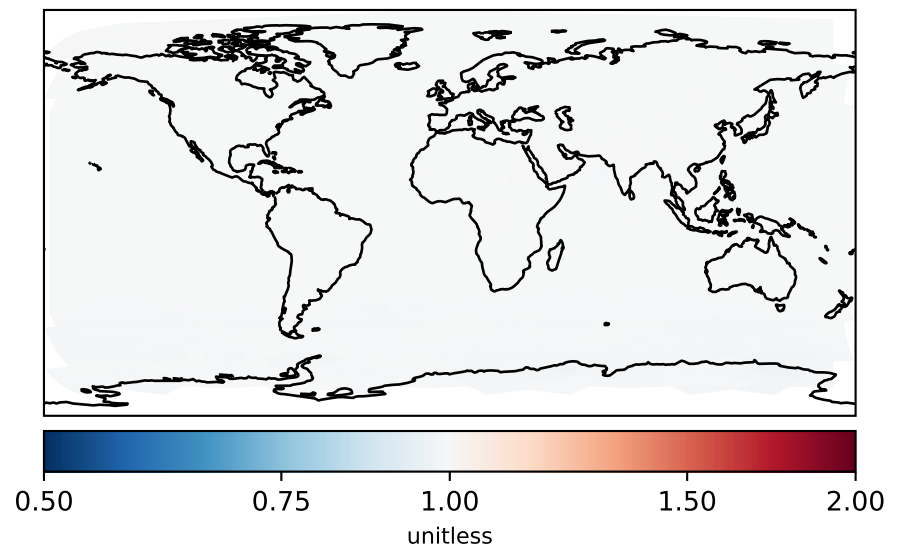
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

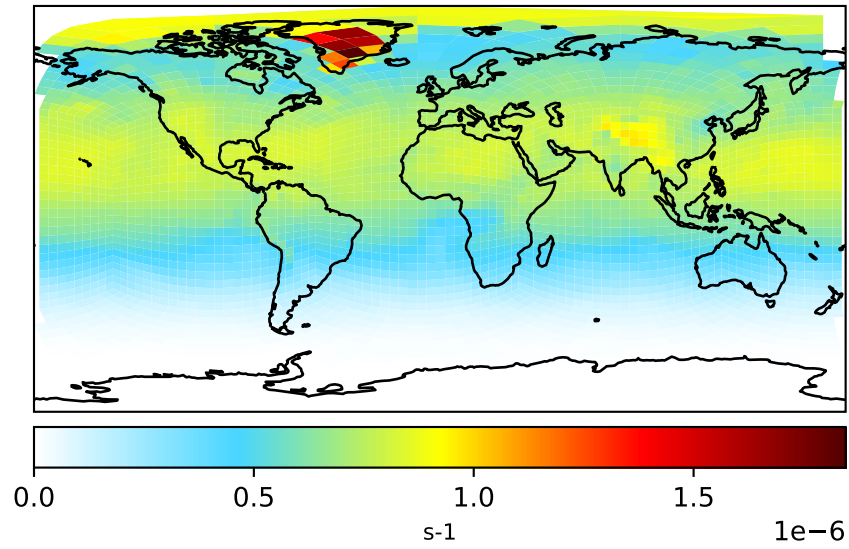


Ratio  
Dev/Ref, Fixed Range

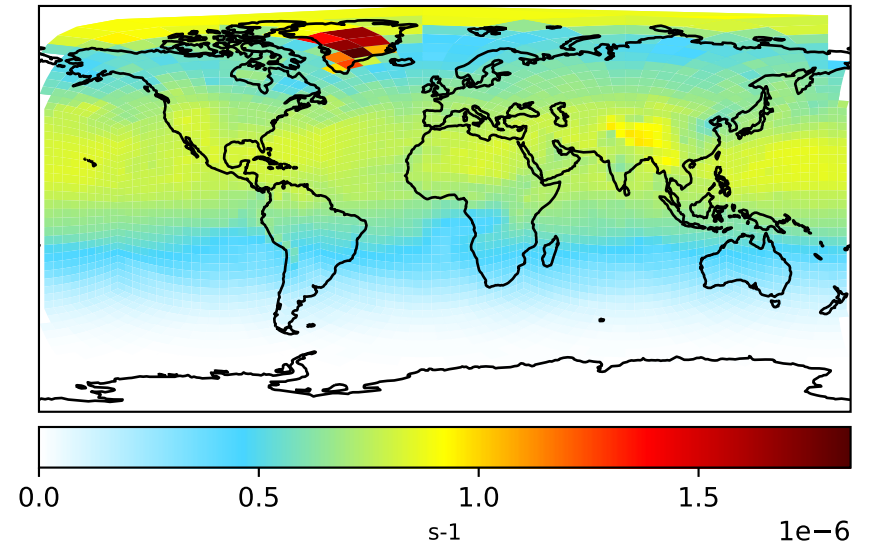


# Jval\_MONITS

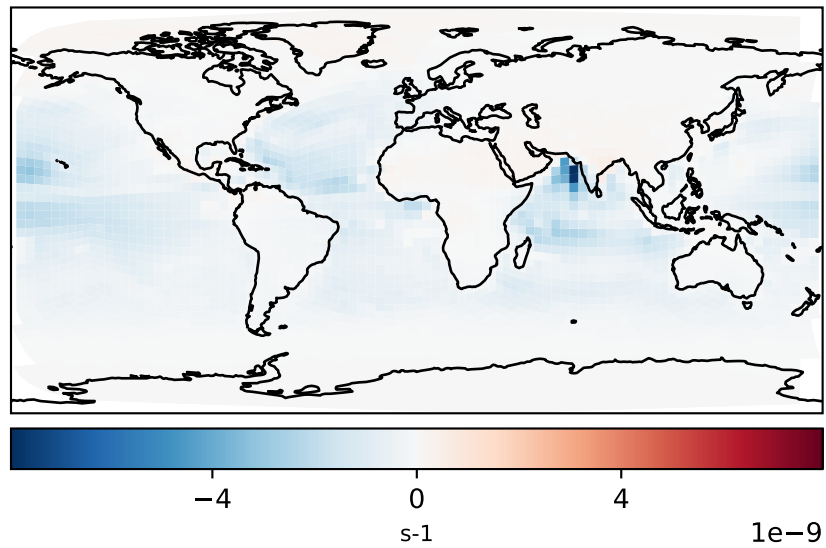
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



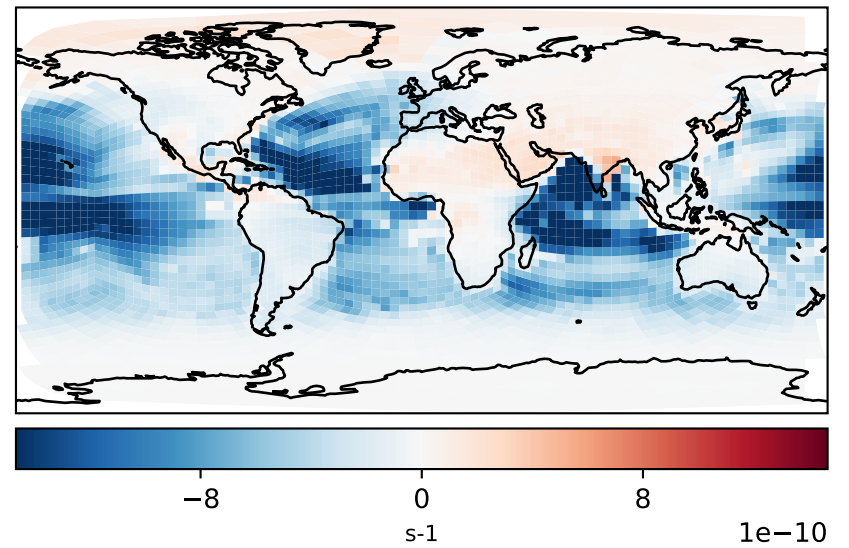
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



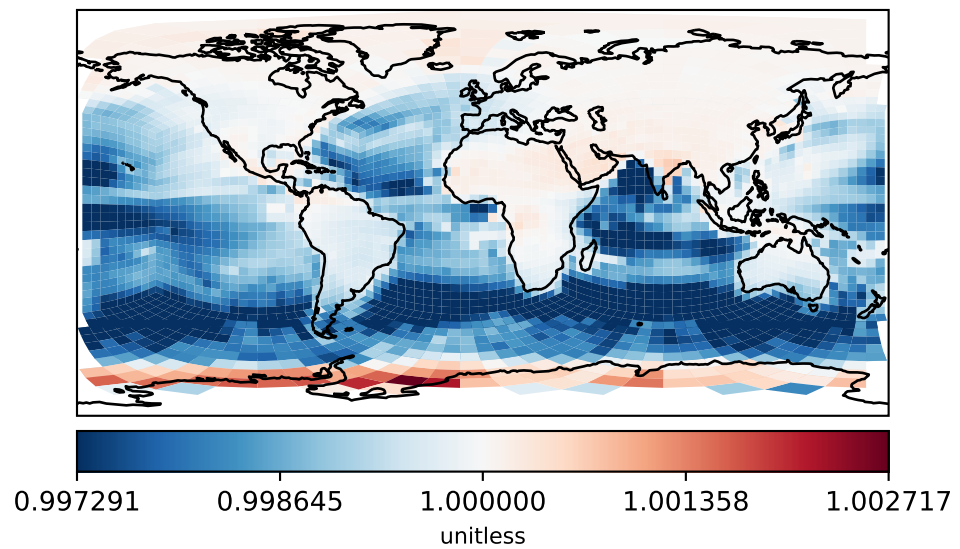
Difference  
Dev - Ref, Dynamic Range



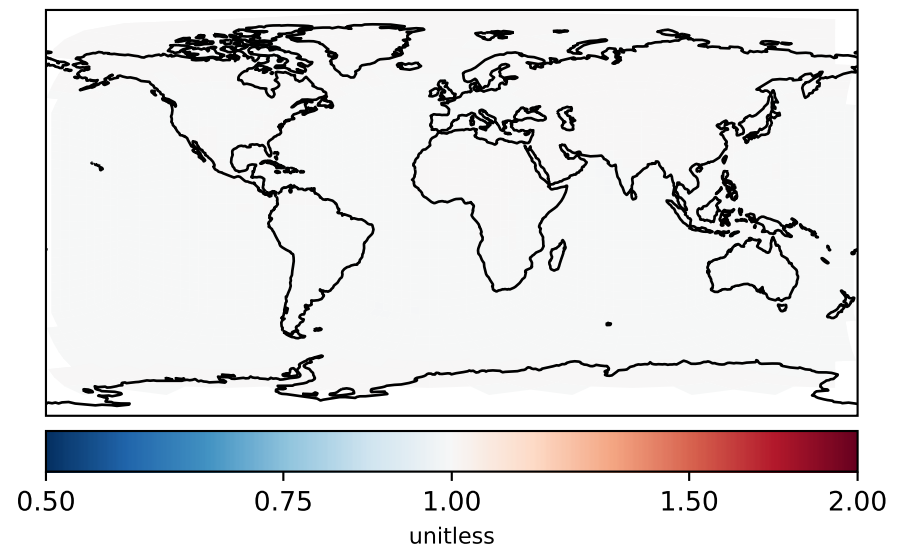
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

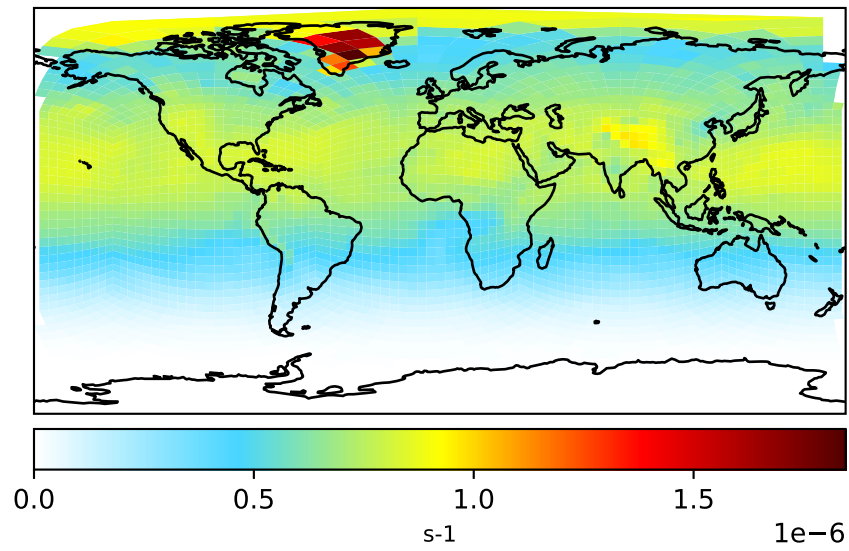


Ratio  
Dev/Ref, Fixed Range

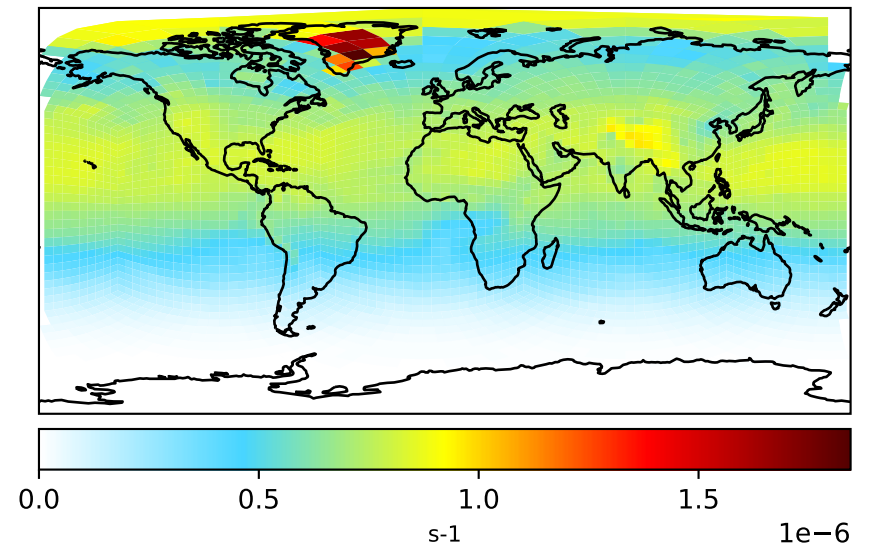


# Jval\_MONITU

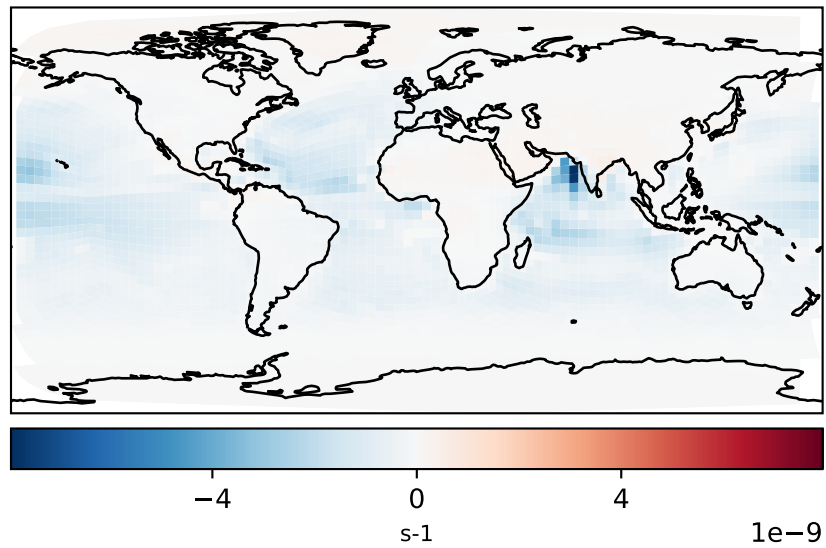
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



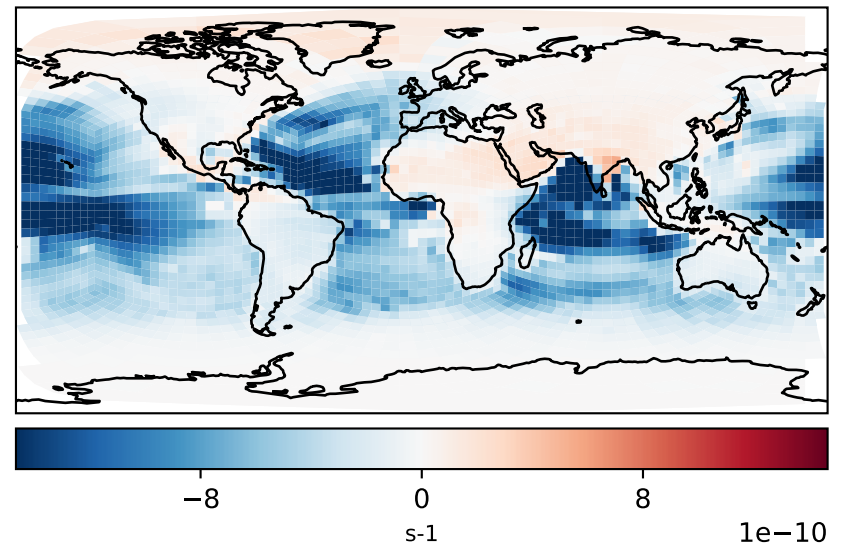
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



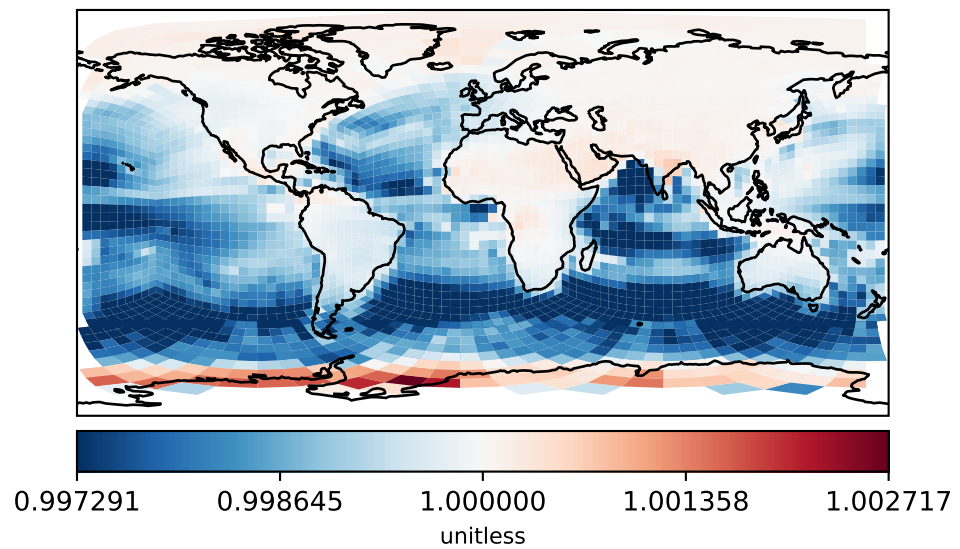
Difference  
Dev - Ref, Dynamic Range



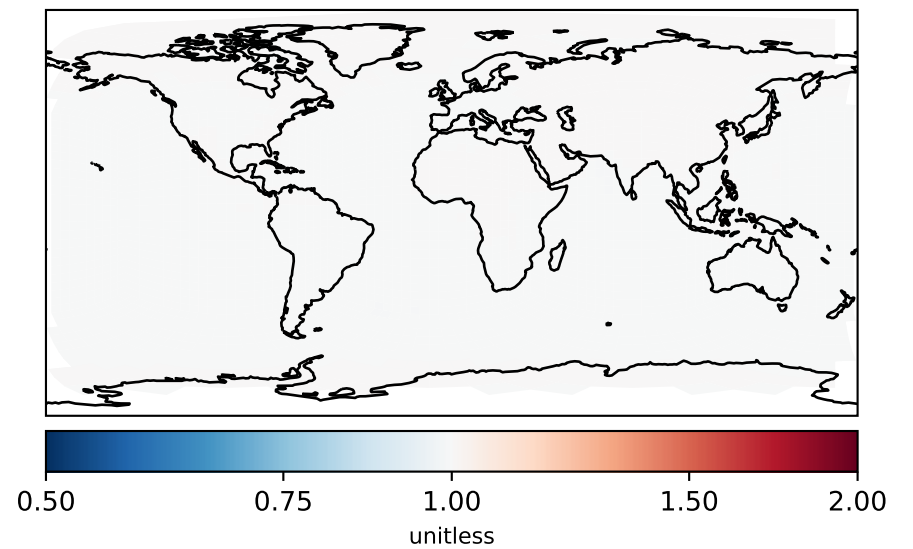
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

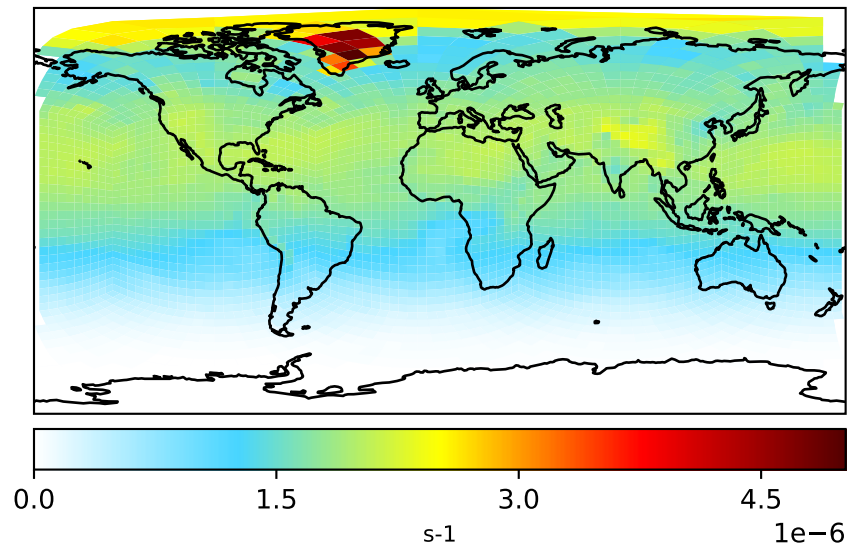


Ratio  
Dev/Ref, Fixed Range

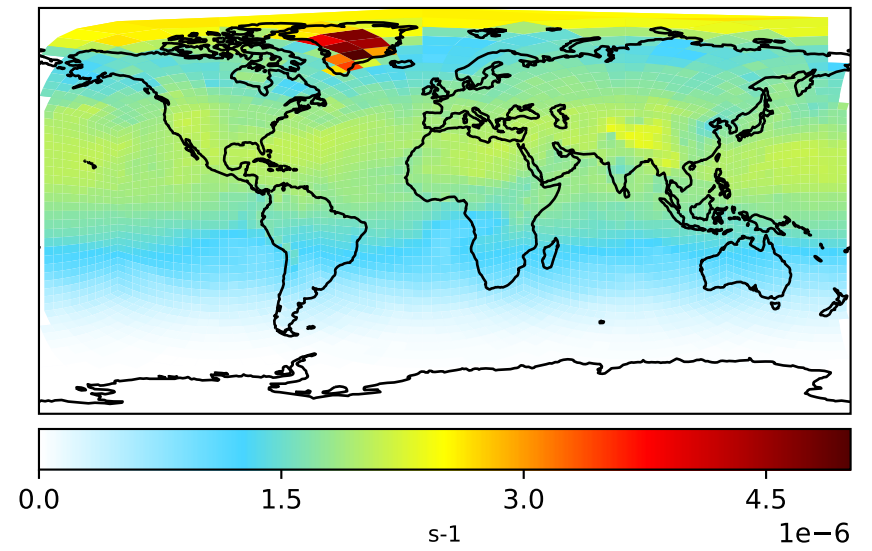


# Jval\_MP

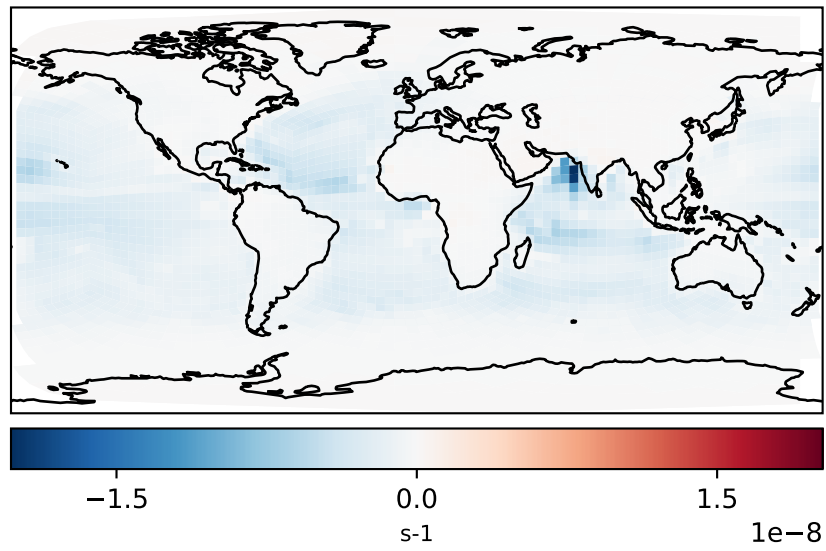
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



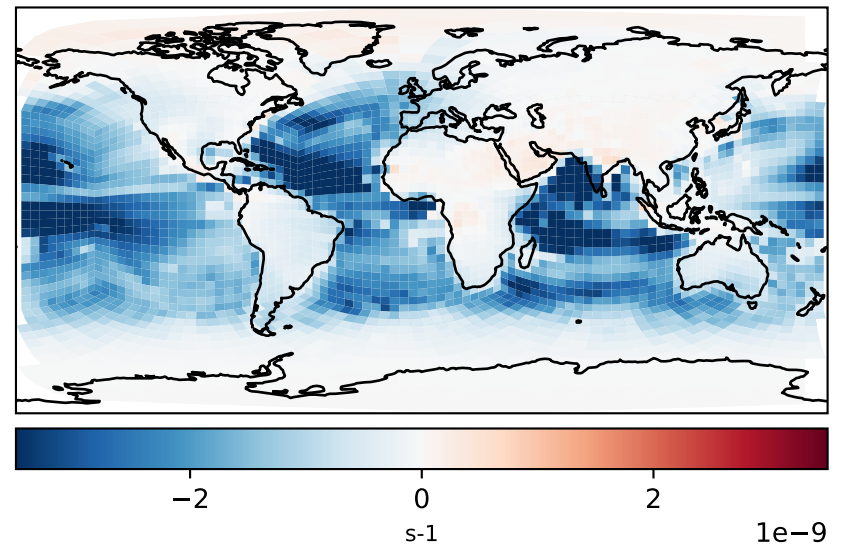
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



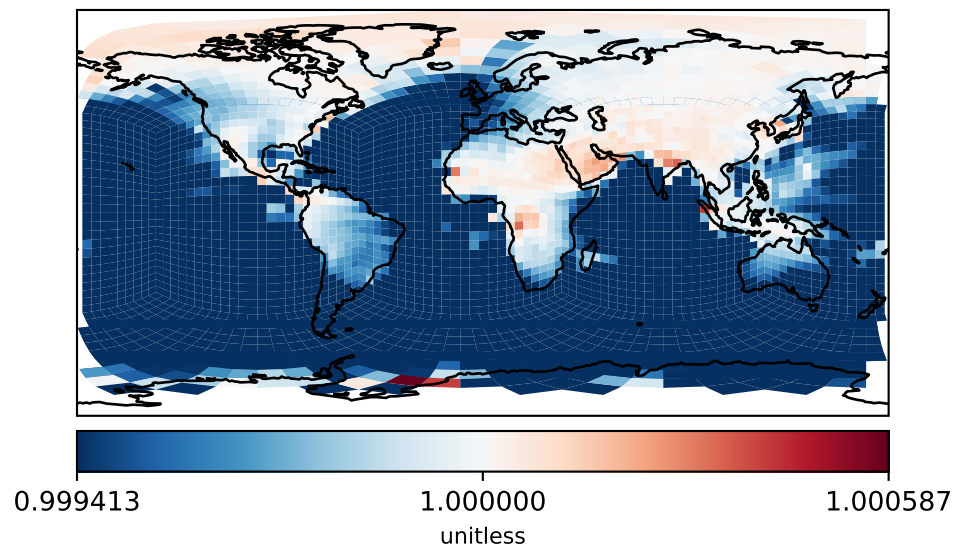
Difference  
Dev - Ref, Dynamic Range



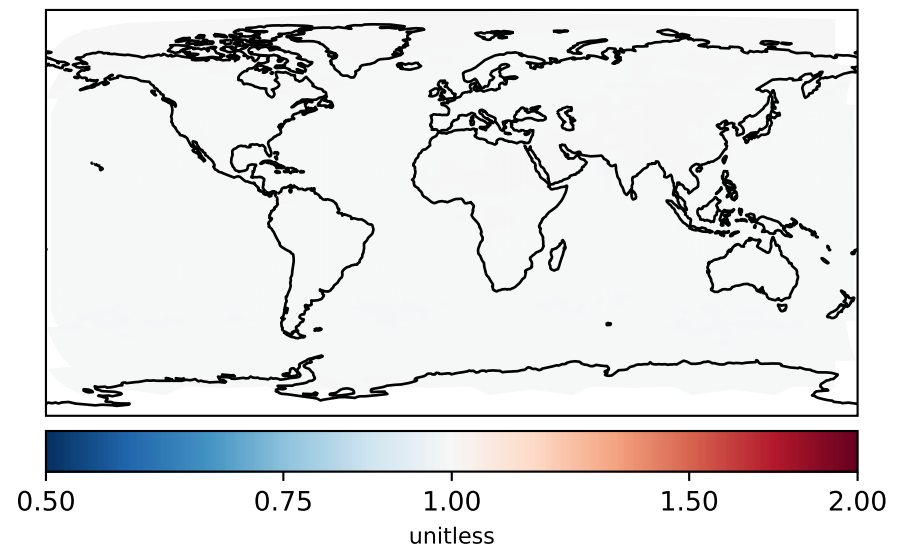
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



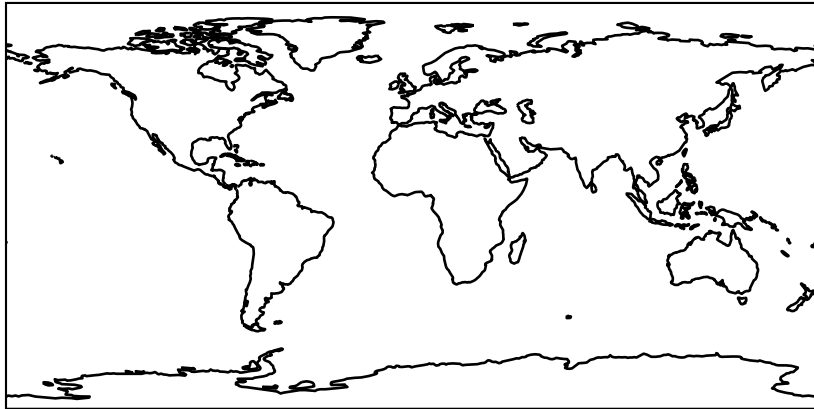
Ratio  
Dev/Ref, Fixed Range





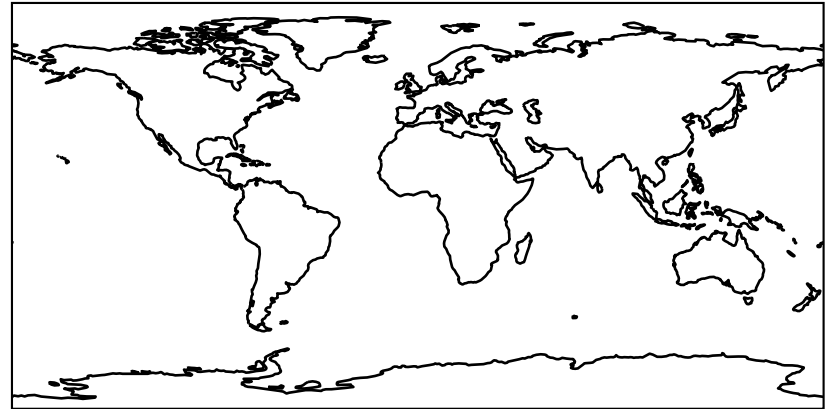
# Jval\_MPAN

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



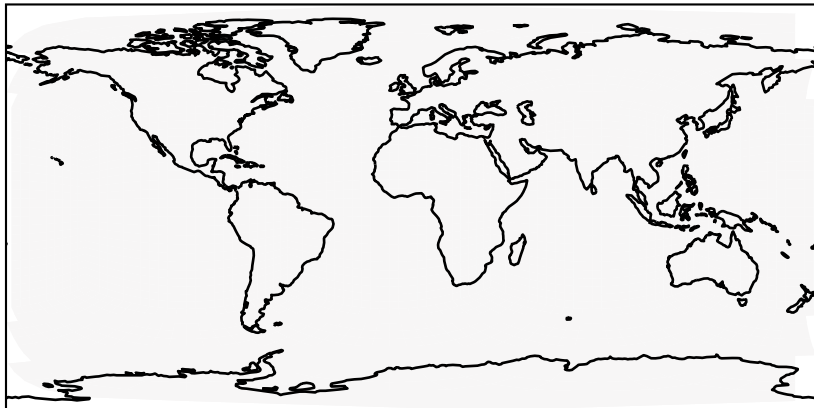
Zero throughout domain  
s-1

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



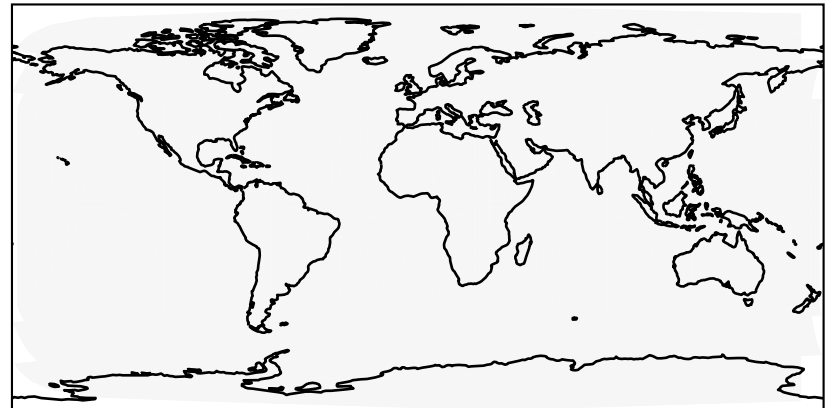
Zero throughout domain  
s-1

Difference  
Dev - Ref, Dynamic Range



Zero throughout domain  
s-1

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



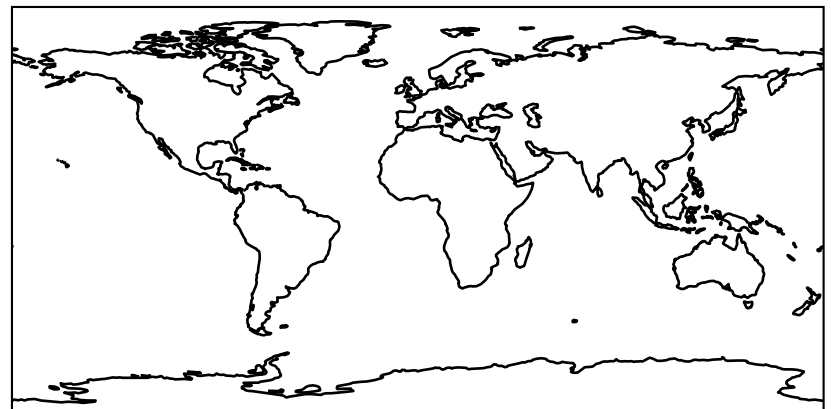
Zero throughout domain  
s-1

Ratio  
Dev/Ref, Dynamic Range



Undefined throughout domain  
unitless

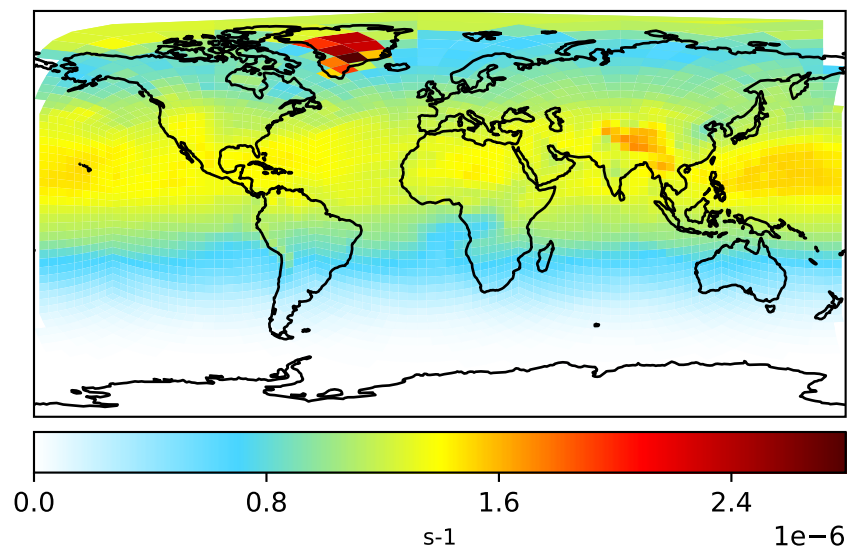
Ratio  
Dev/Ref, Fixed Range



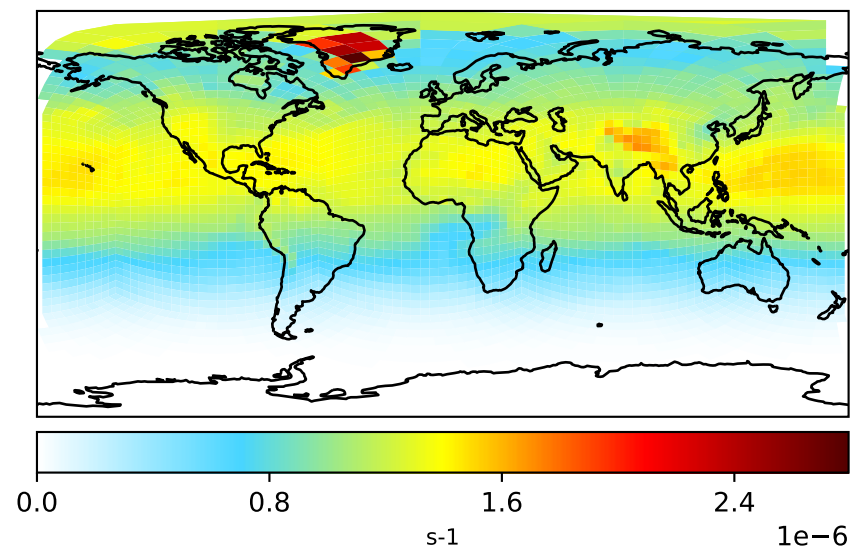
Undefined throughout domain  
unitless

# Jval\_MPN

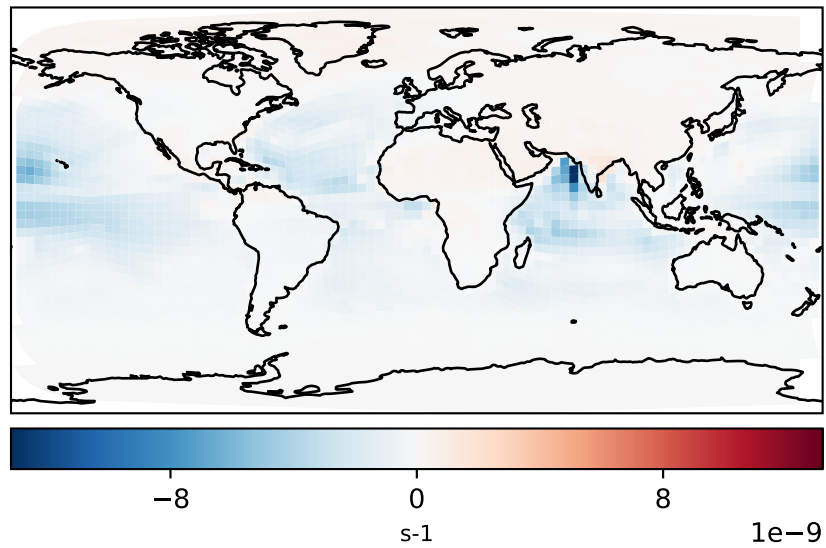
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



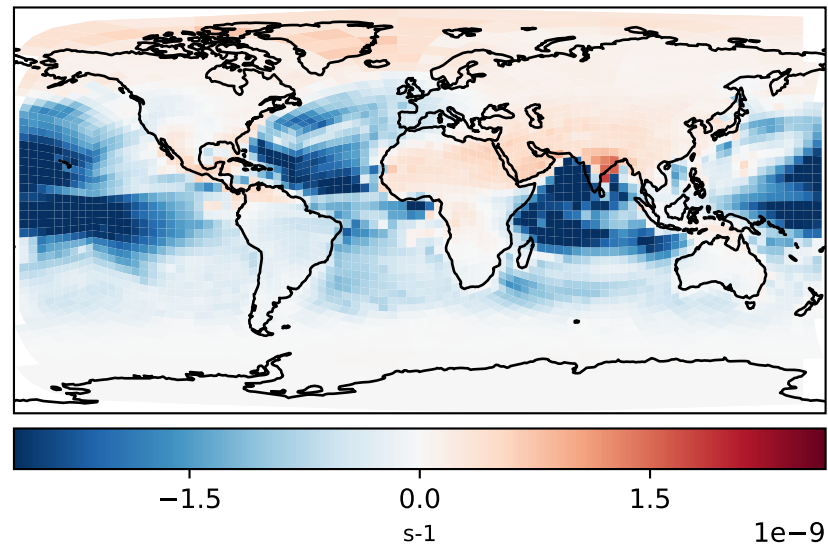
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



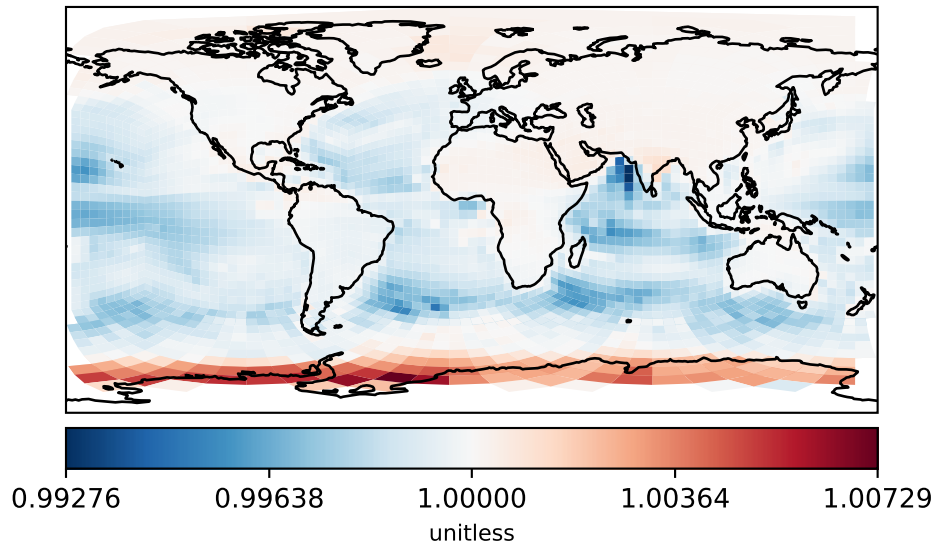
Difference  
Dev - Ref, Dynamic Range



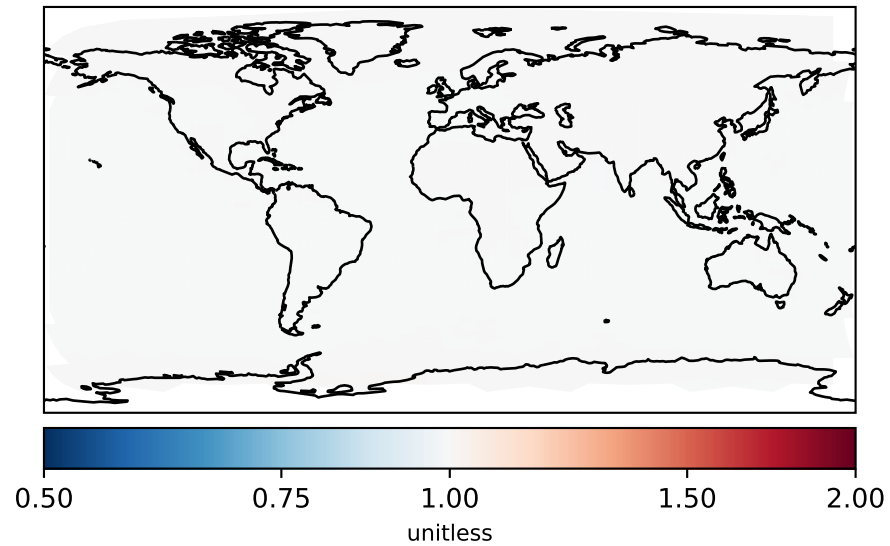
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

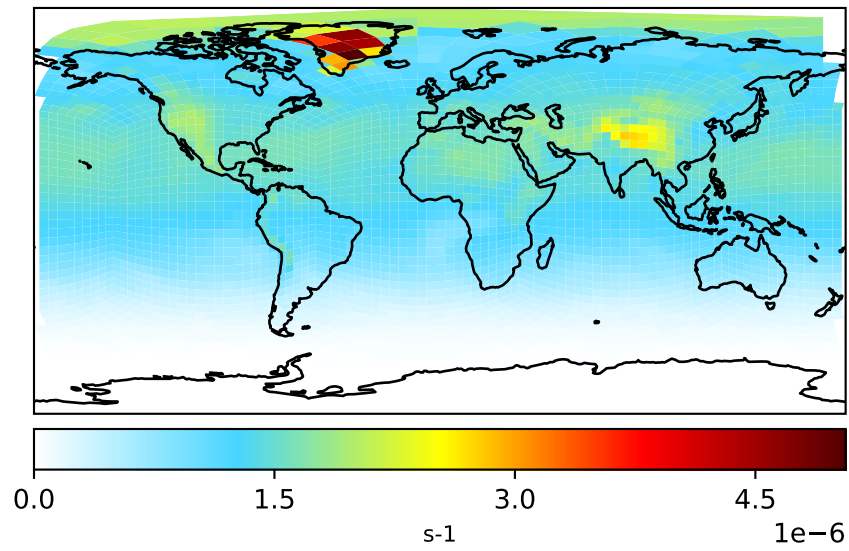


Ratio  
Dev/Ref, Fixed Range

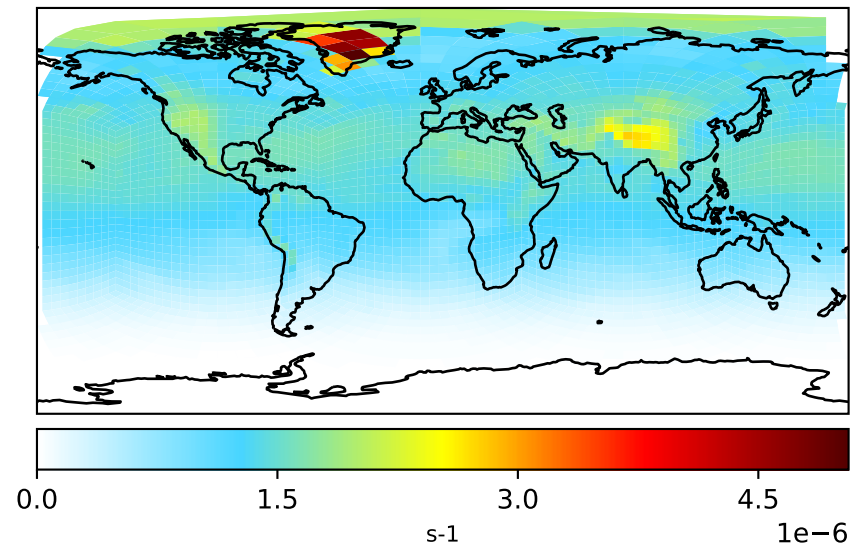


# Jval\_MVK

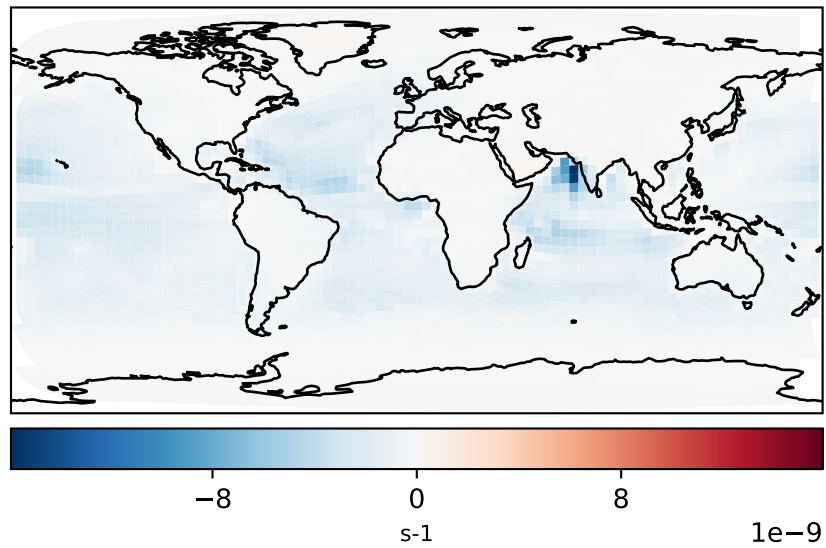
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



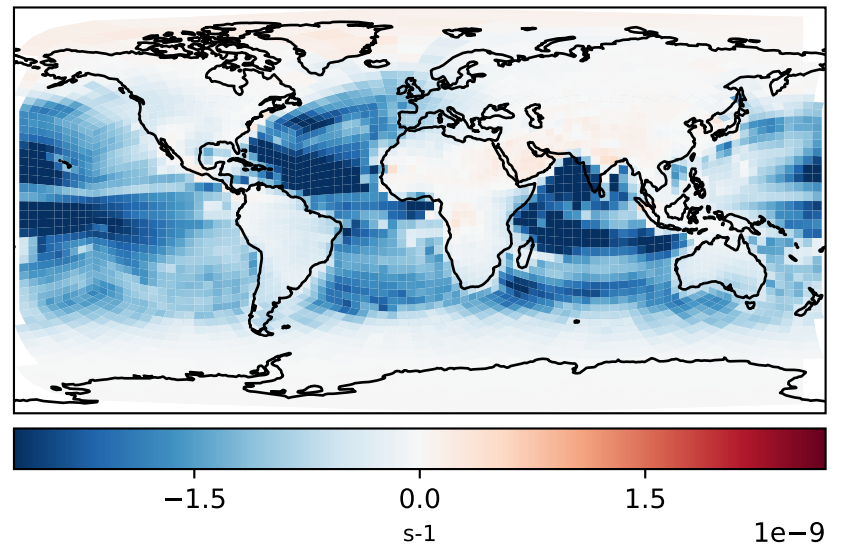
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



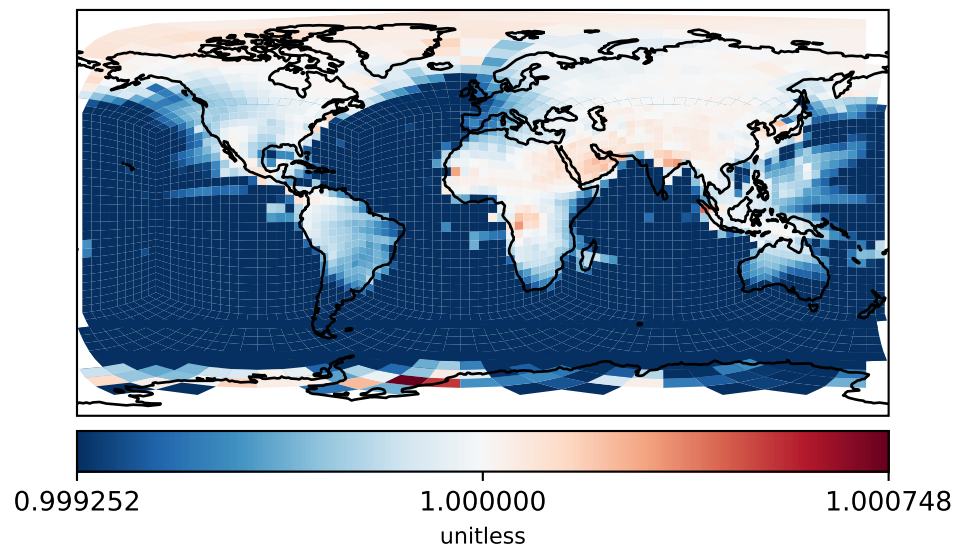
Difference  
Dev - Ref, Dynamic Range



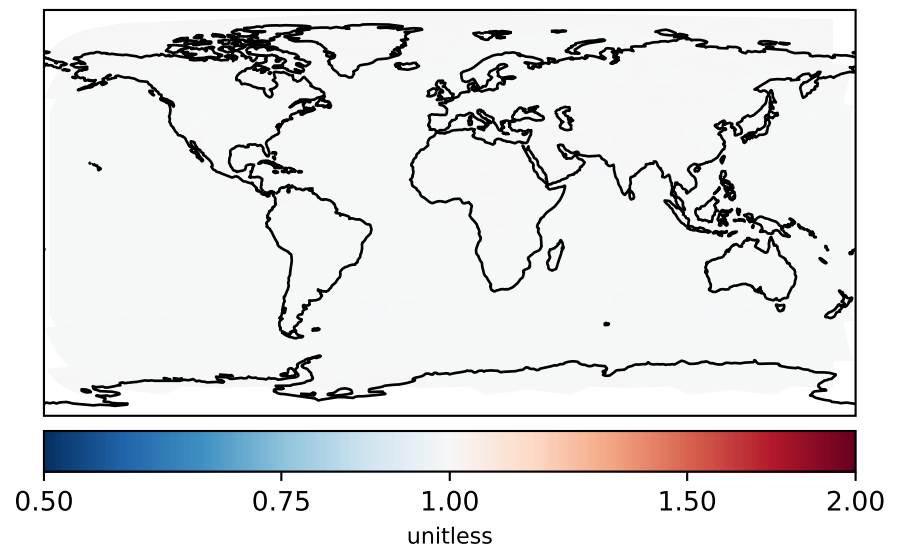
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

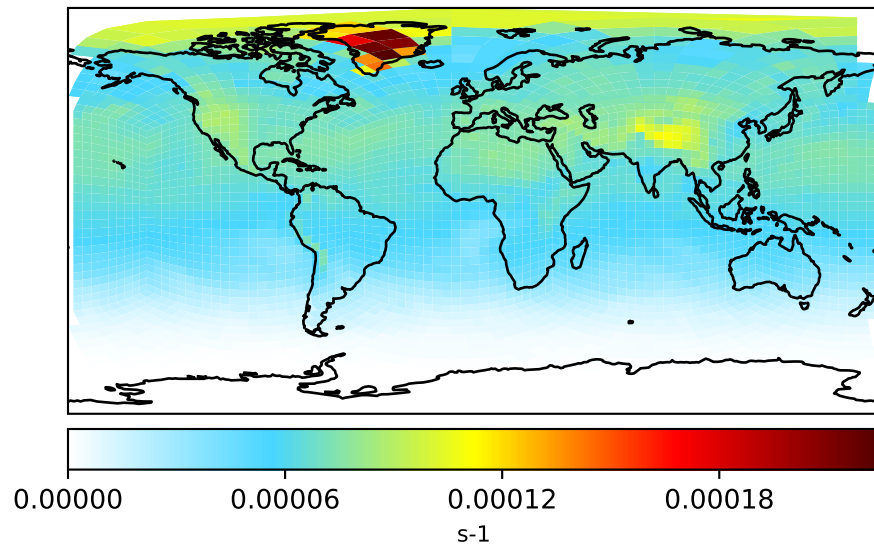


Ratio  
Dev/Ref, Fixed Range

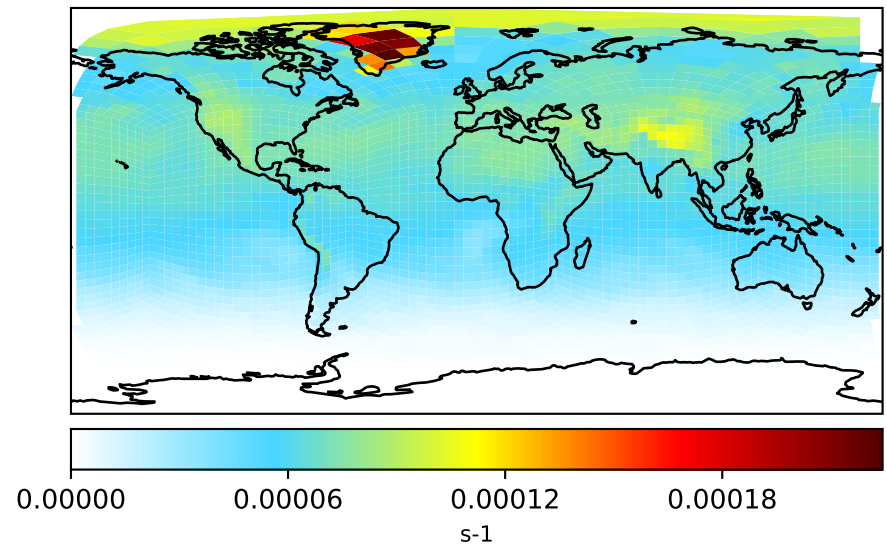


# Jval\_MVKHC

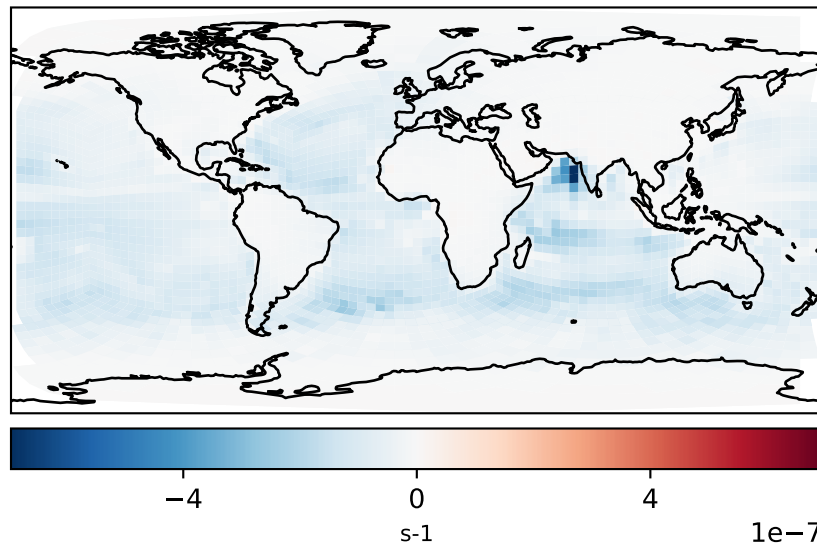
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



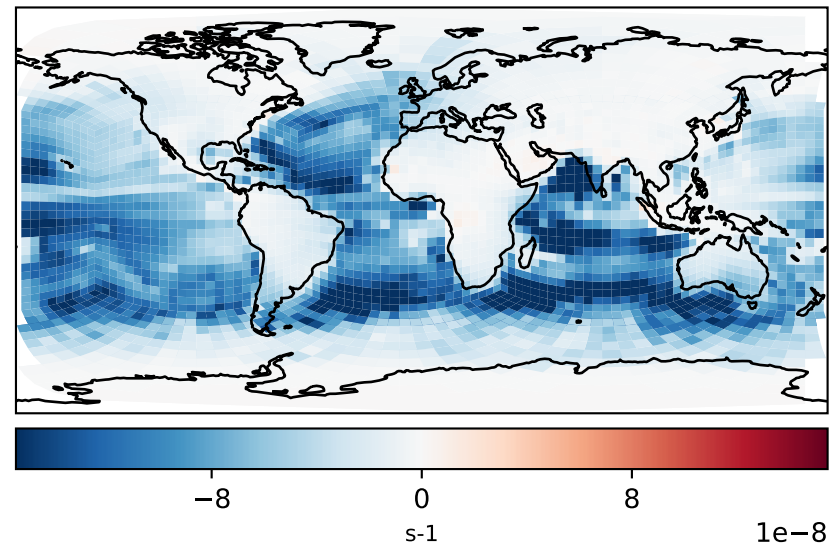
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



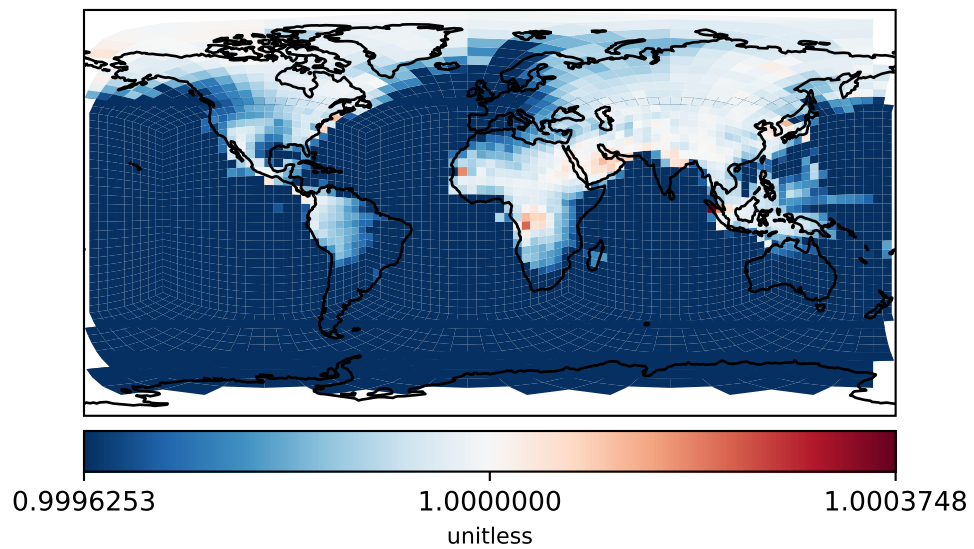
Difference  
Dev - Ref, Dynamic Range



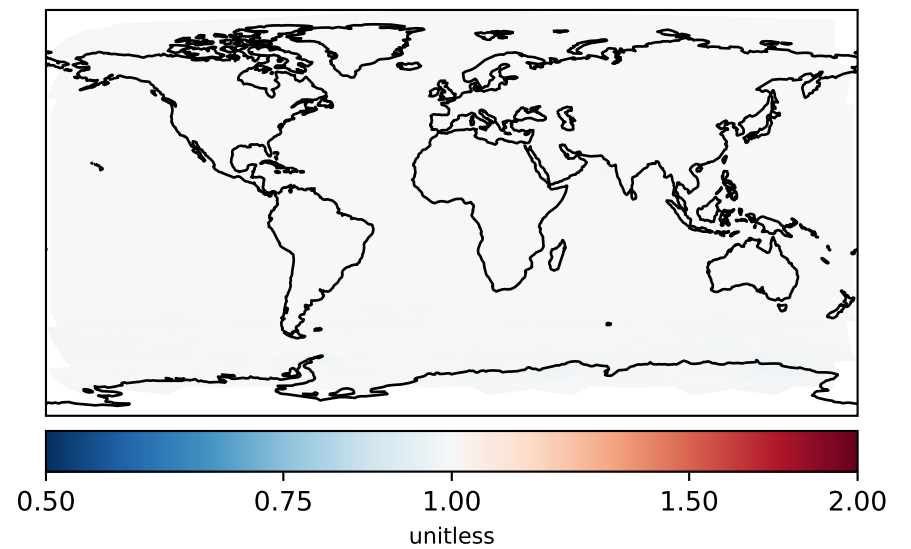
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

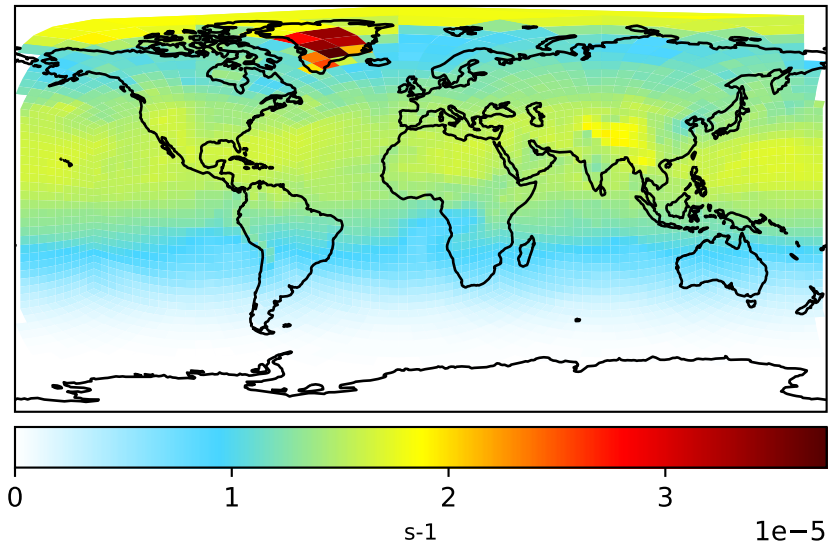


Ratio  
Dev/Ref, Fixed Range

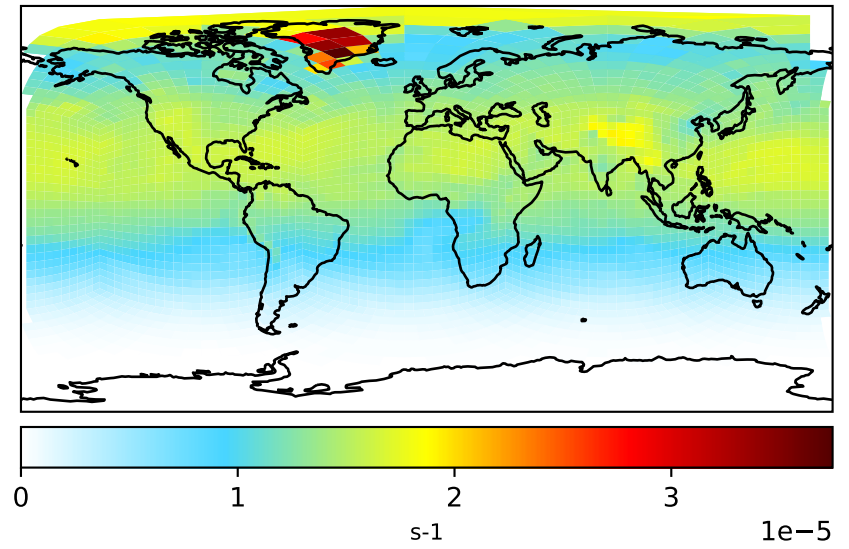


# Jval\_MVKHCB

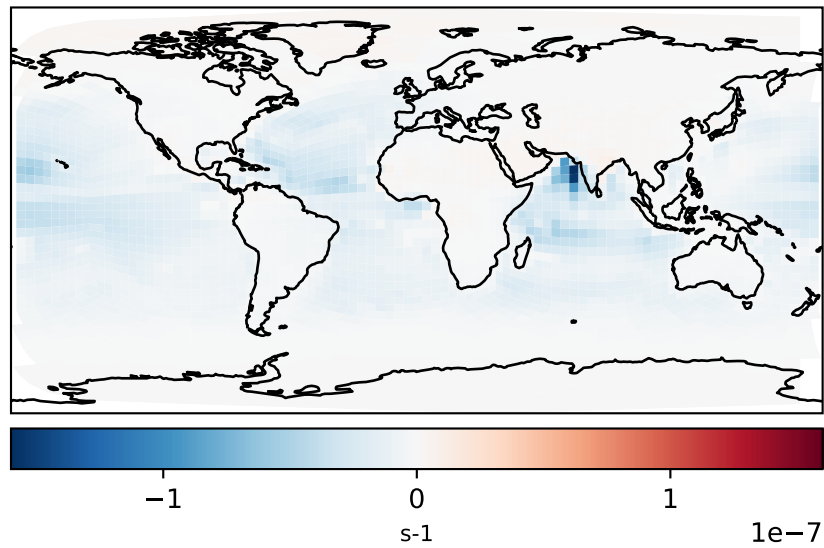
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



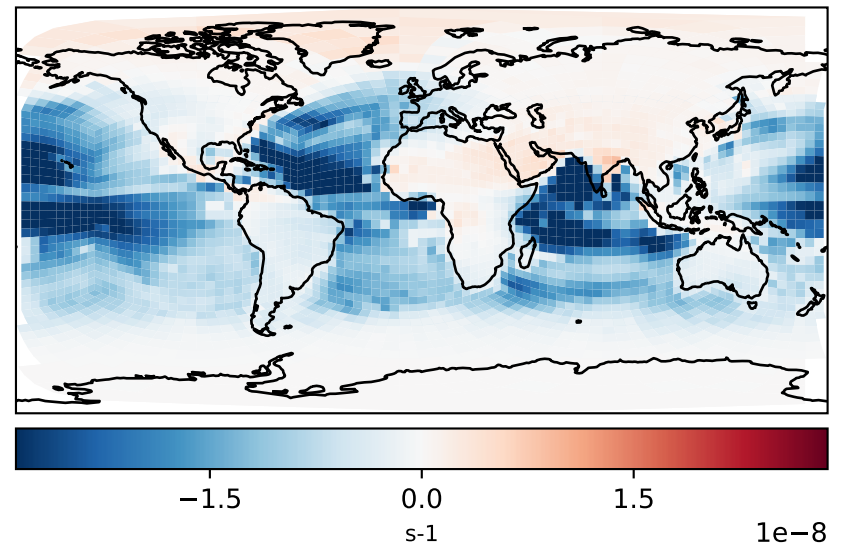
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



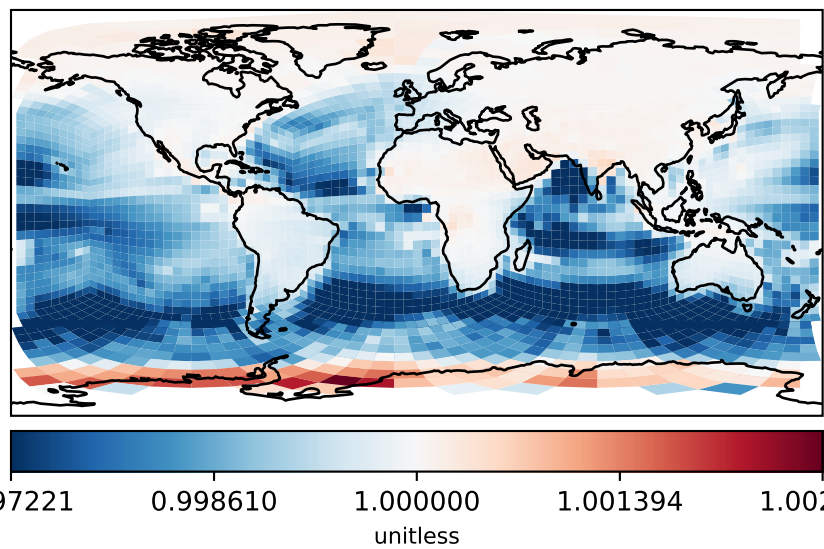
Difference  
Dev - Ref, Dynamic Range



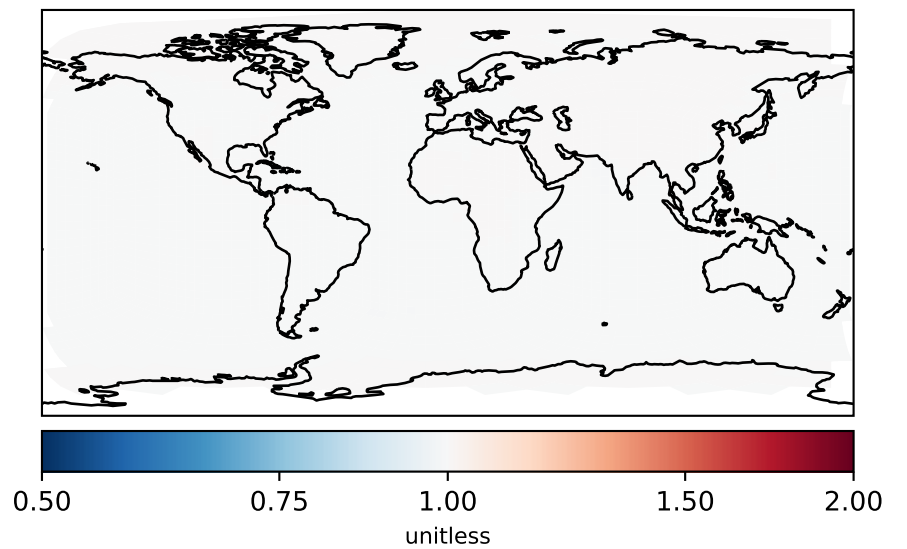
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

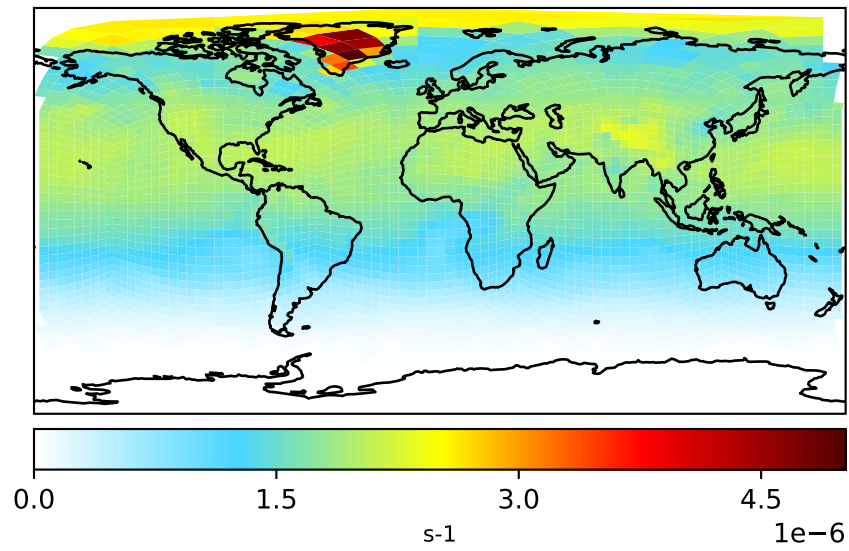


Ratio  
Dev/Ref, Fixed Range

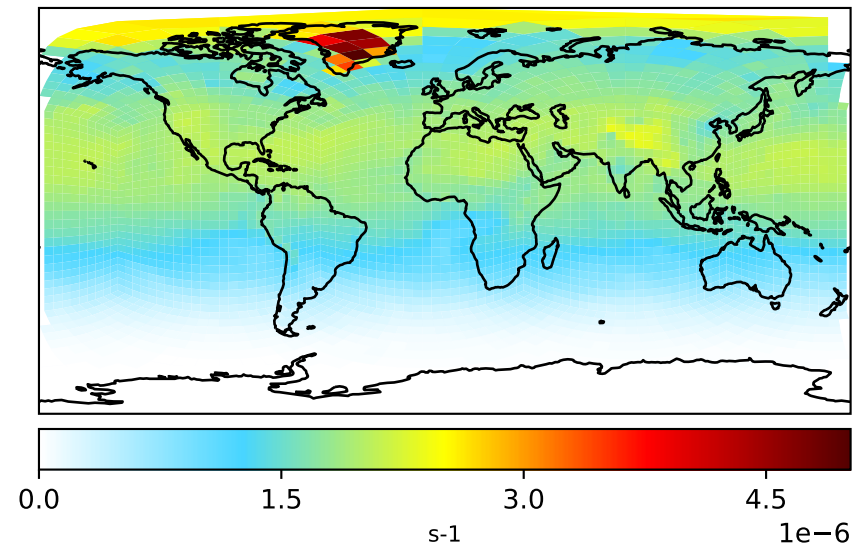


# Jval\_MVKHP

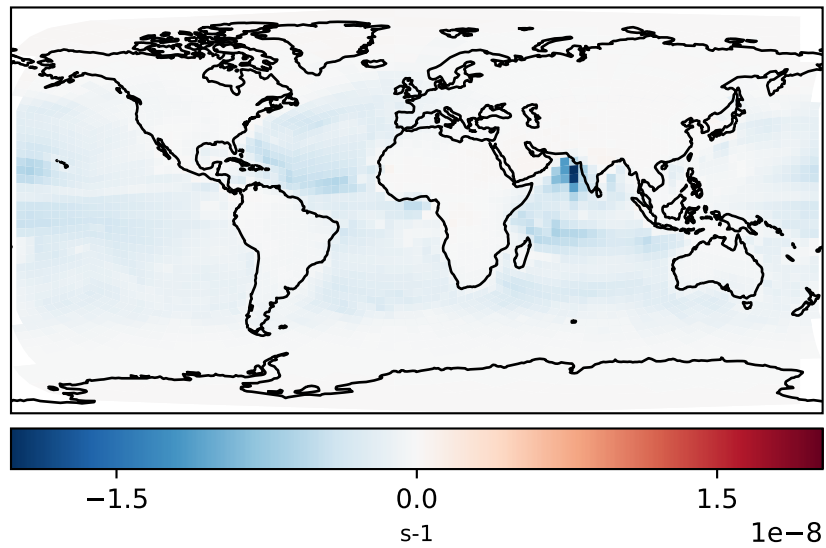
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



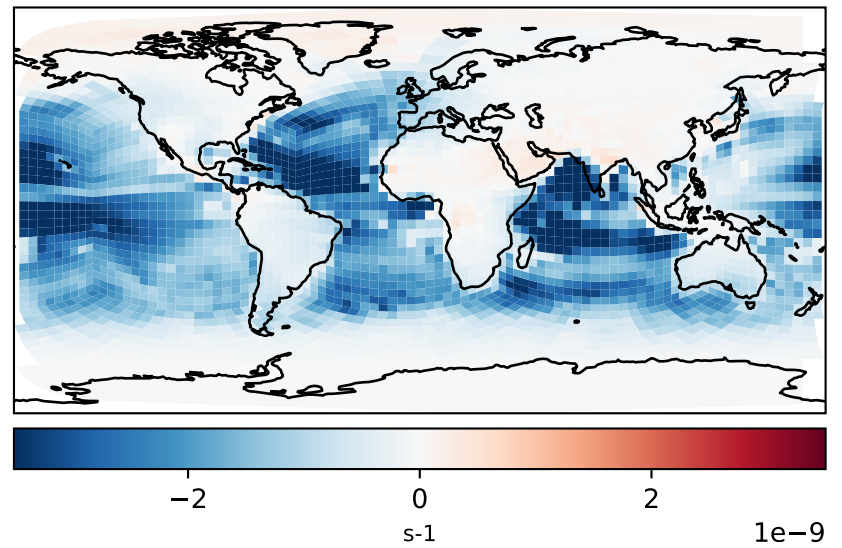
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



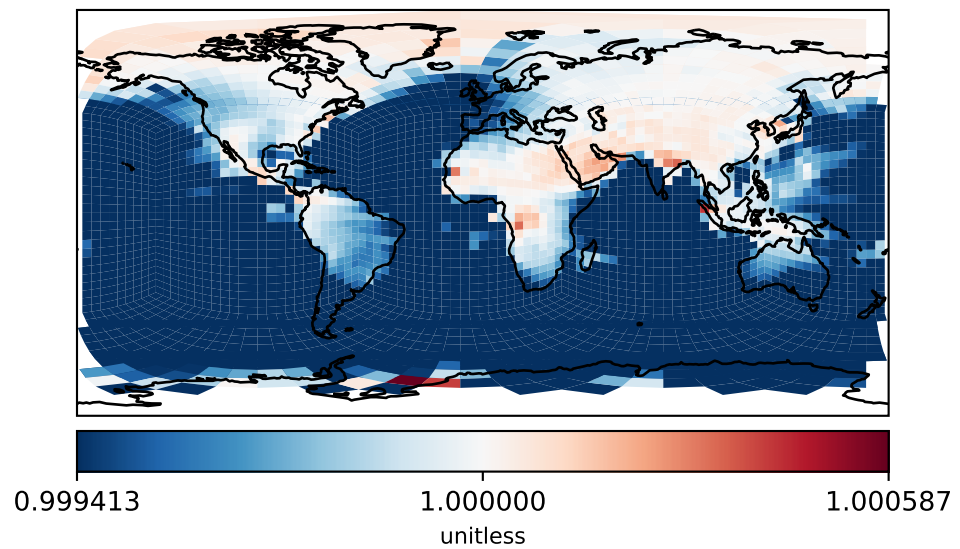
Difference  
Dev - Ref, Dynamic Range



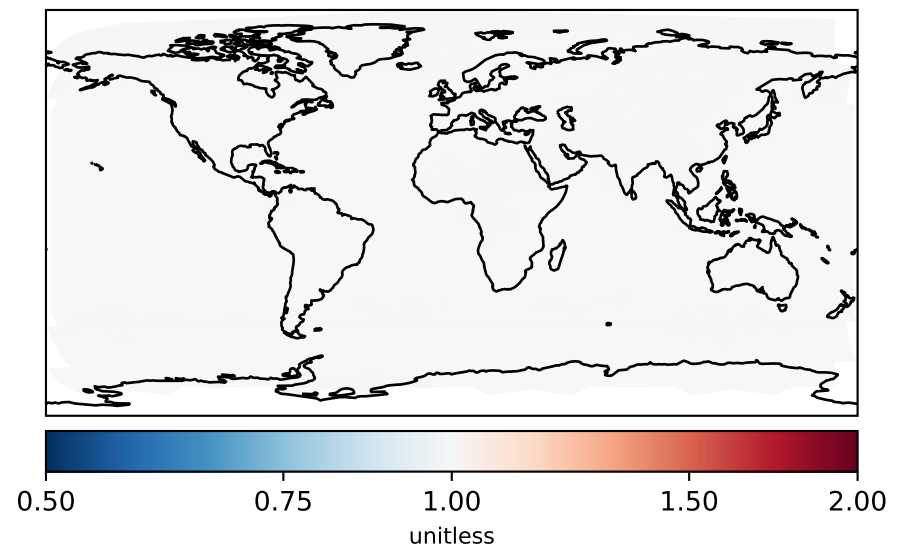
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

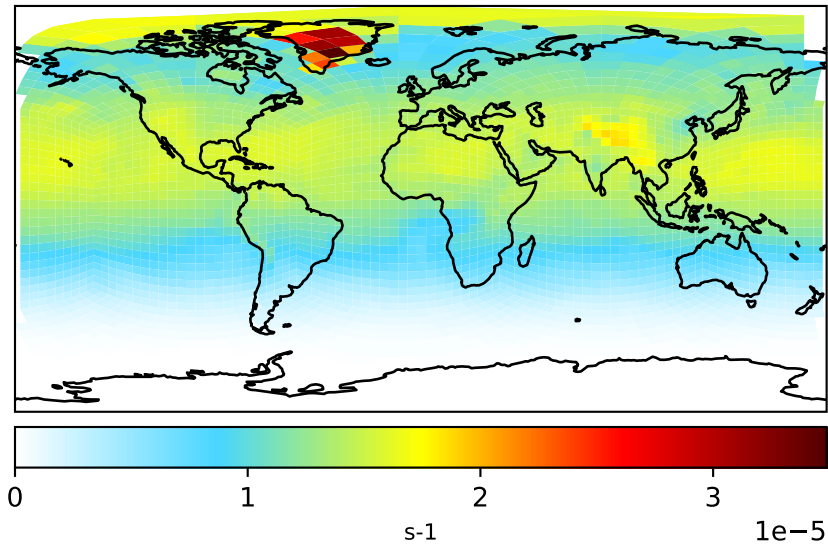


Ratio  
Dev/Ref, Fixed Range

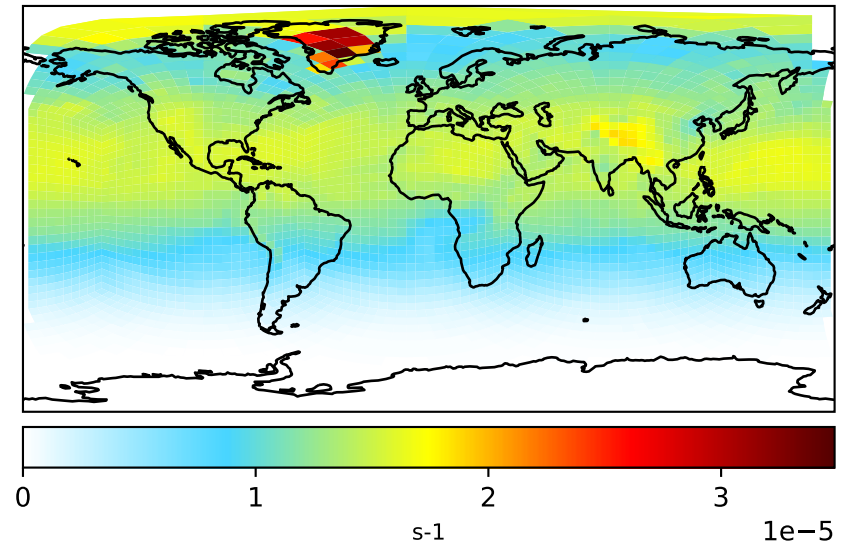


# Jval\_MVKN

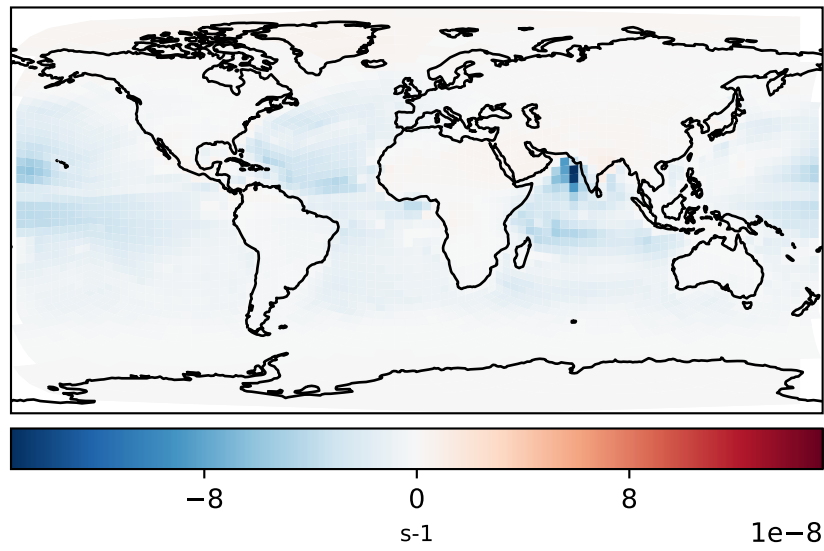
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



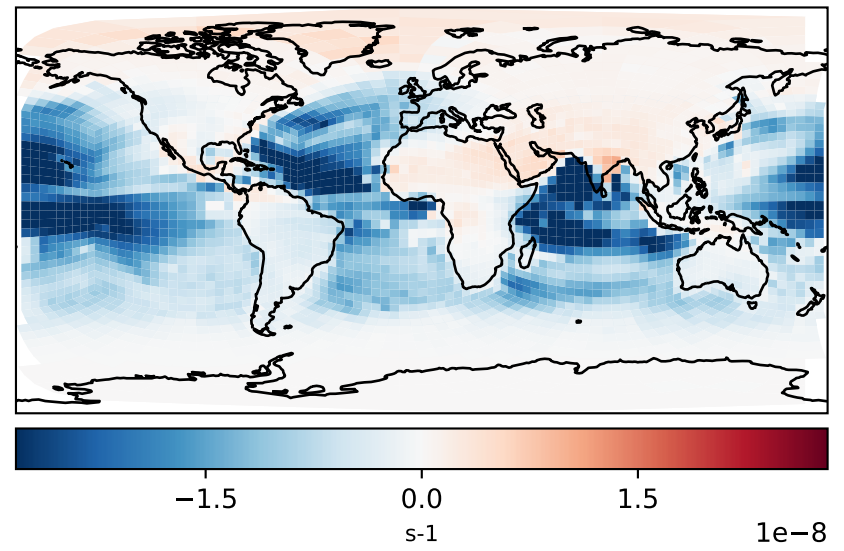
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



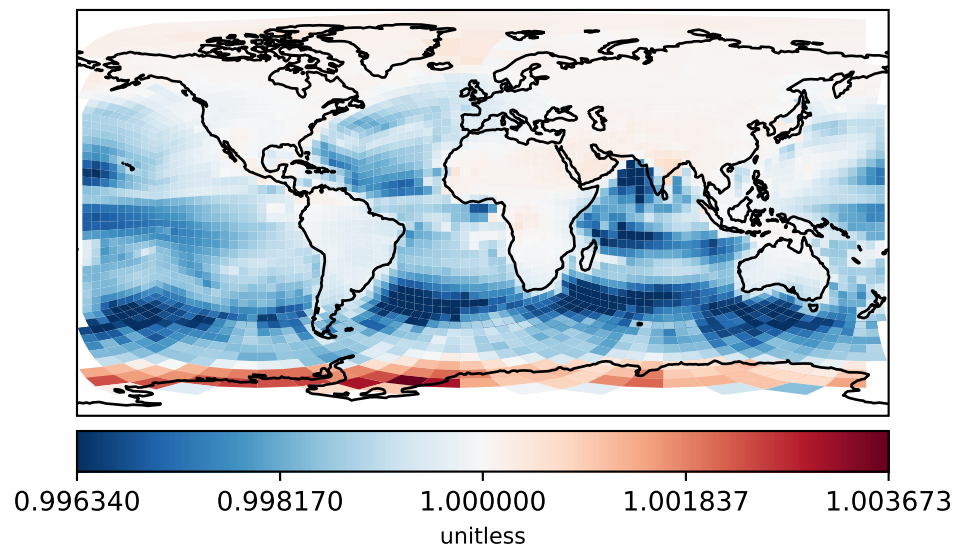
Difference  
Dev - Ref, Dynamic Range



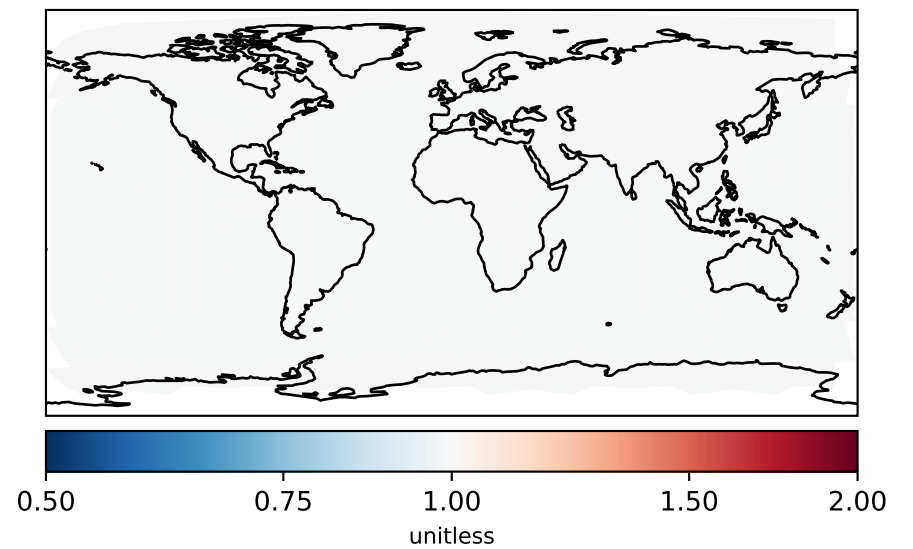
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

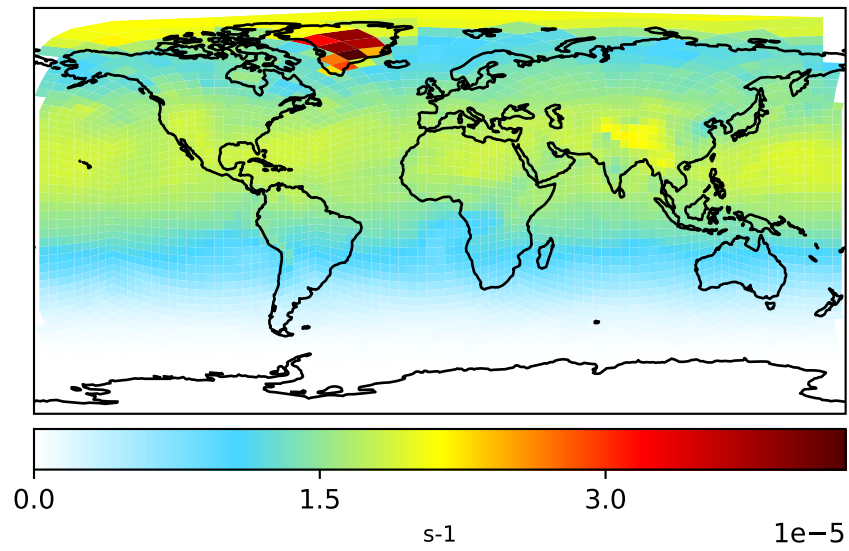


Ratio  
Dev/Ref, Fixed Range

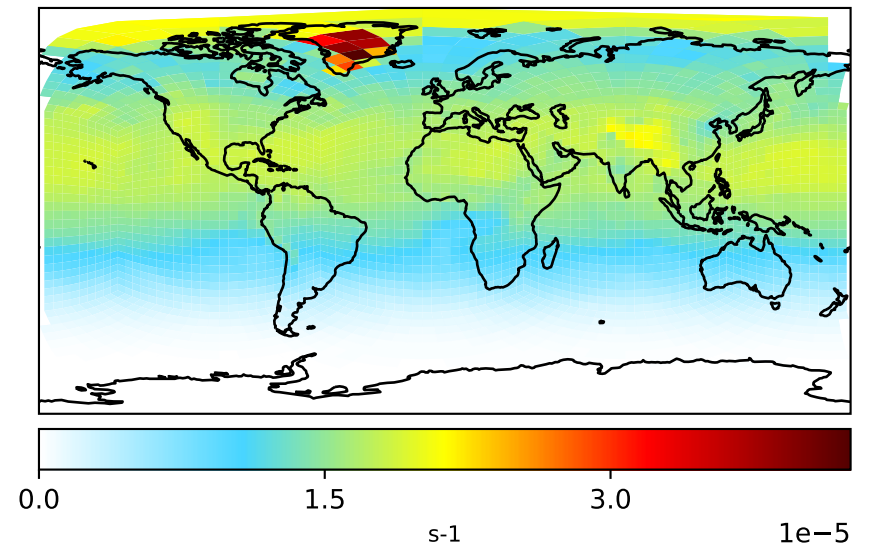


# Jval\_MVKPC

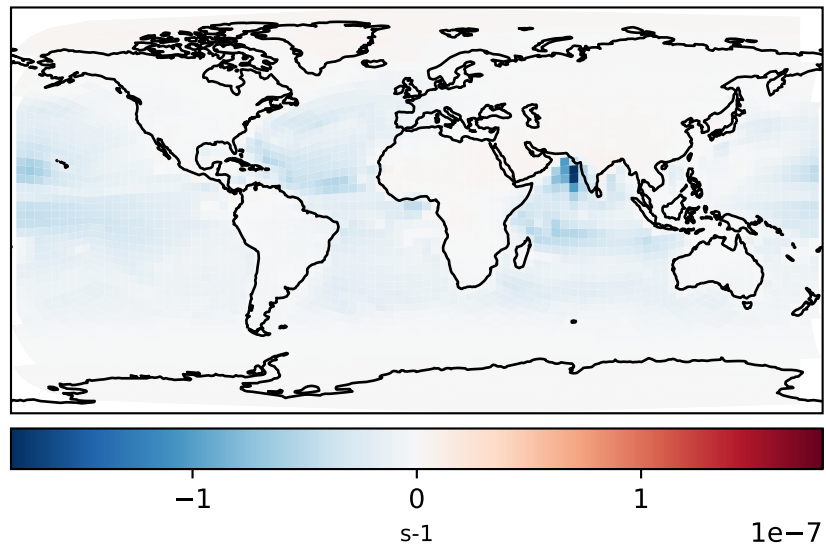
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



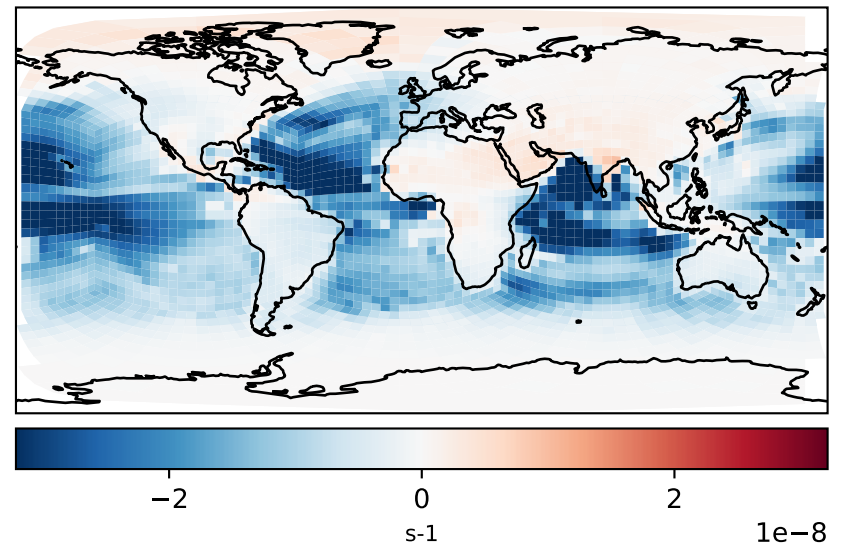
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



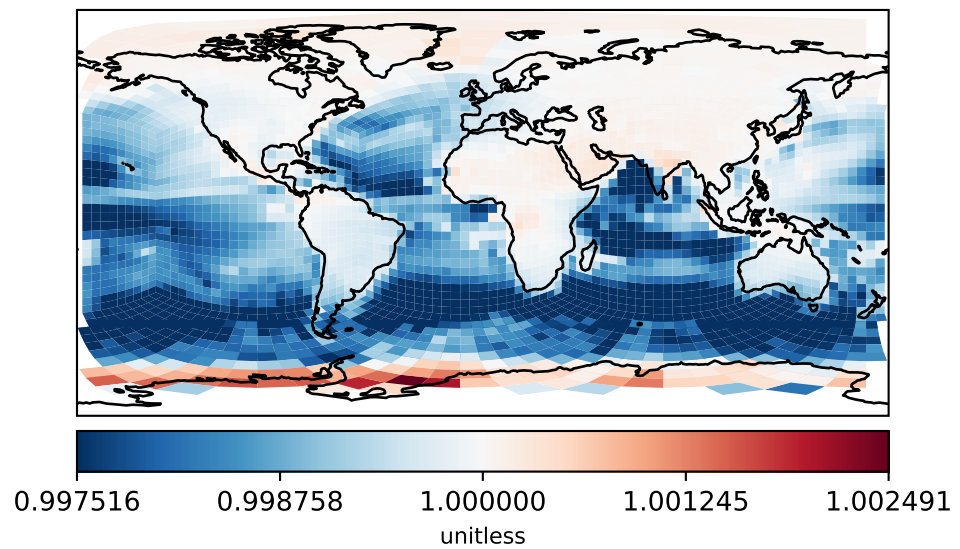
Difference  
Dev - Ref, Dynamic Range



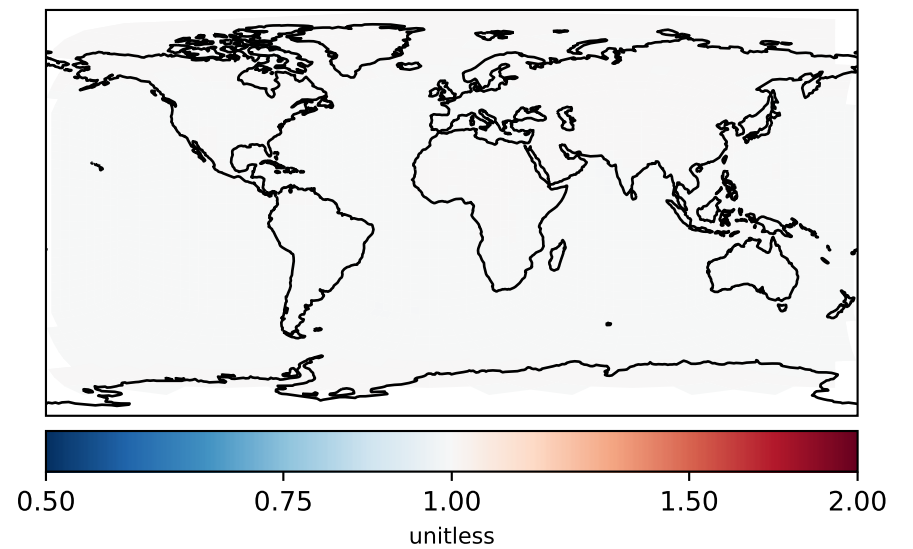
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



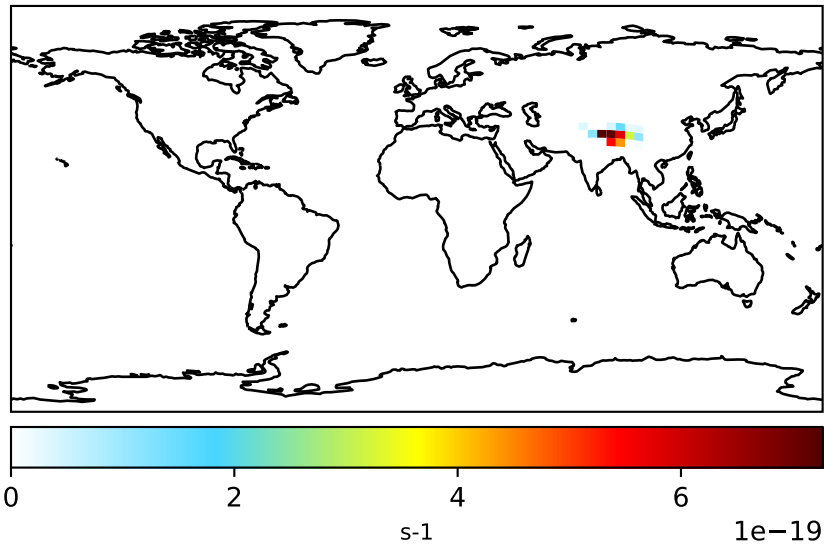
Ratio  
Dev/Ref, Fixed Range



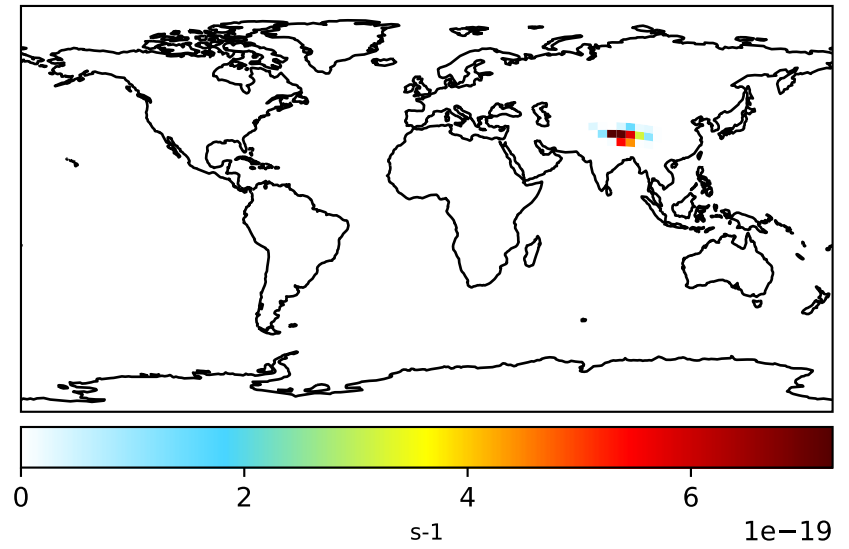


# Jval\_N20

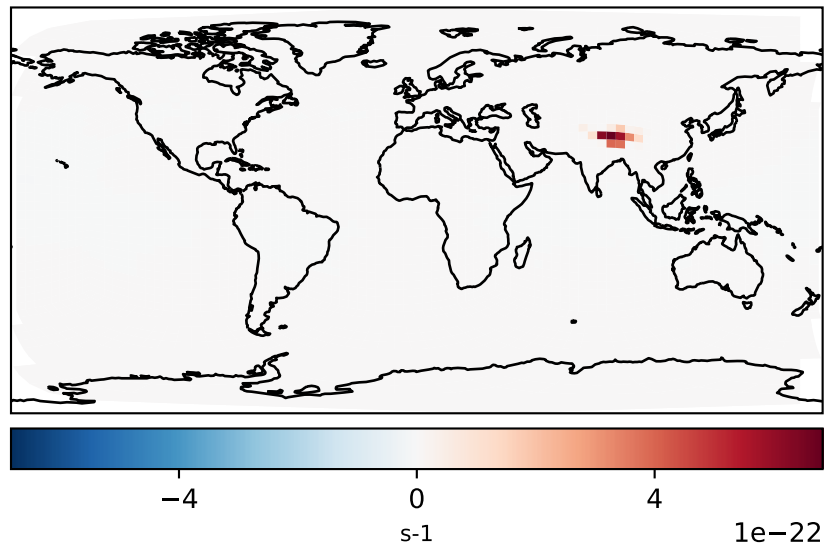
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



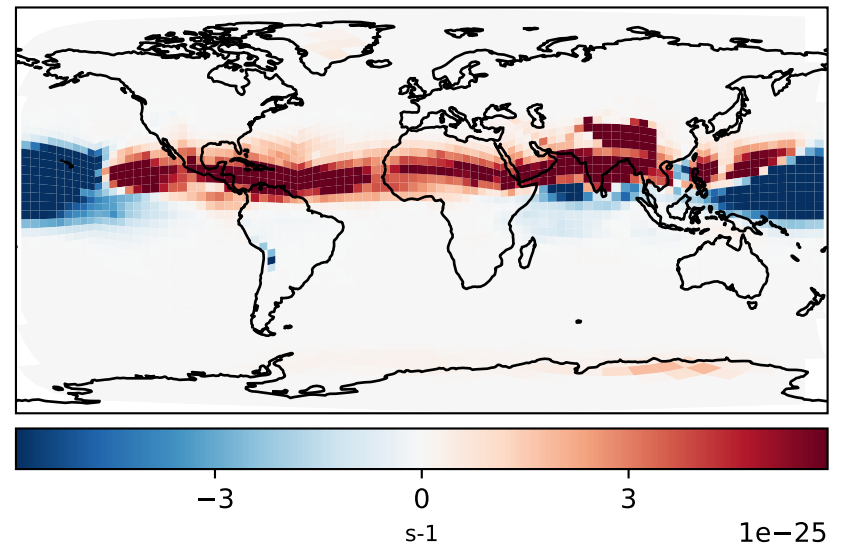
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



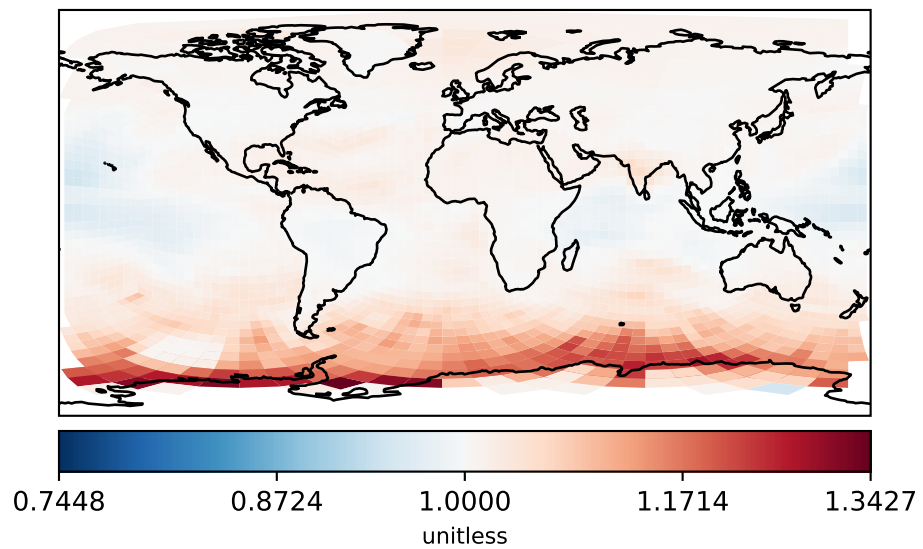
Difference  
Dev - Ref, Dynamic Range



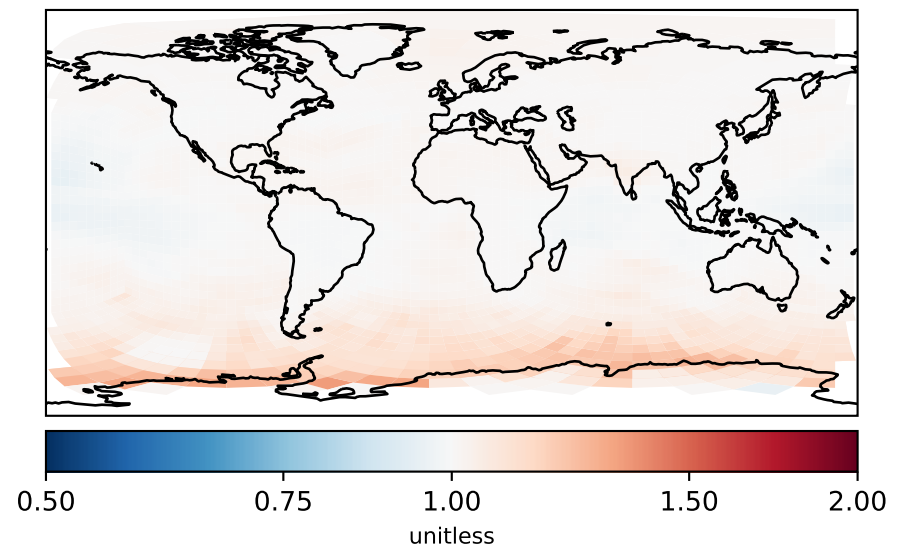
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

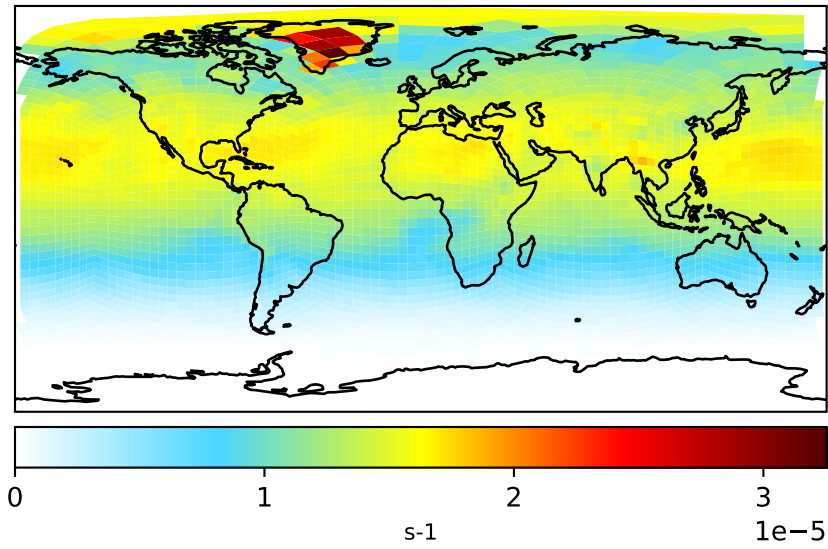


Ratio  
Dev/Ref, Fixed Range

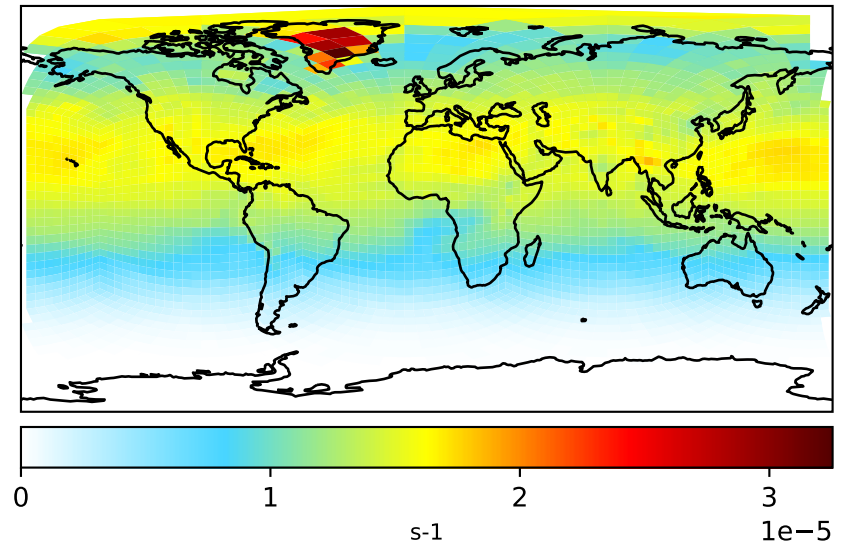


# Jval\_N2005

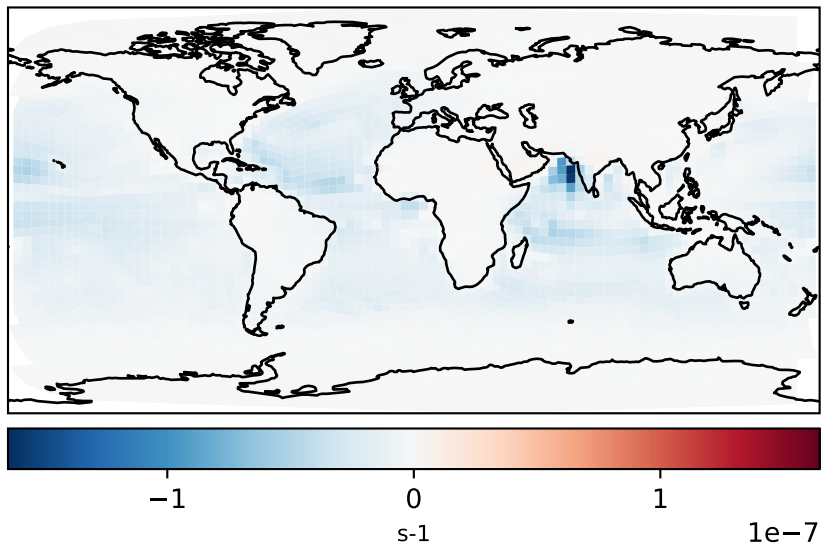
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



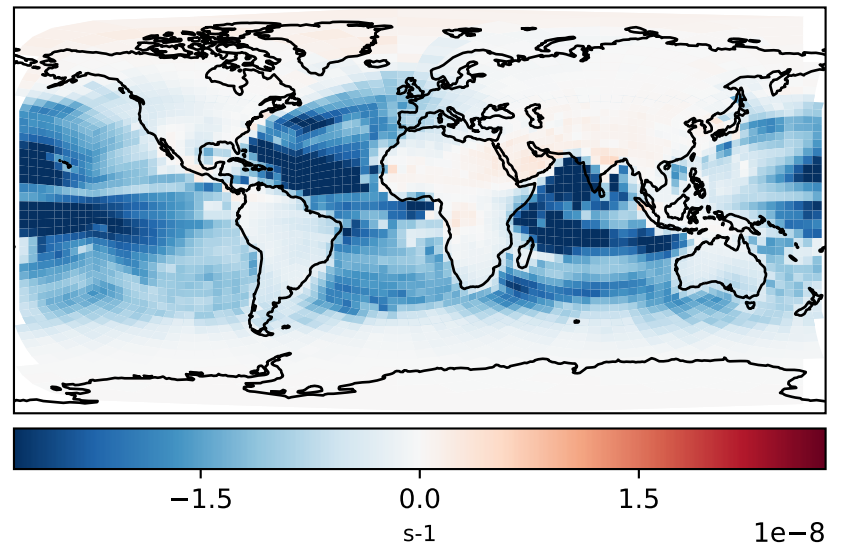
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



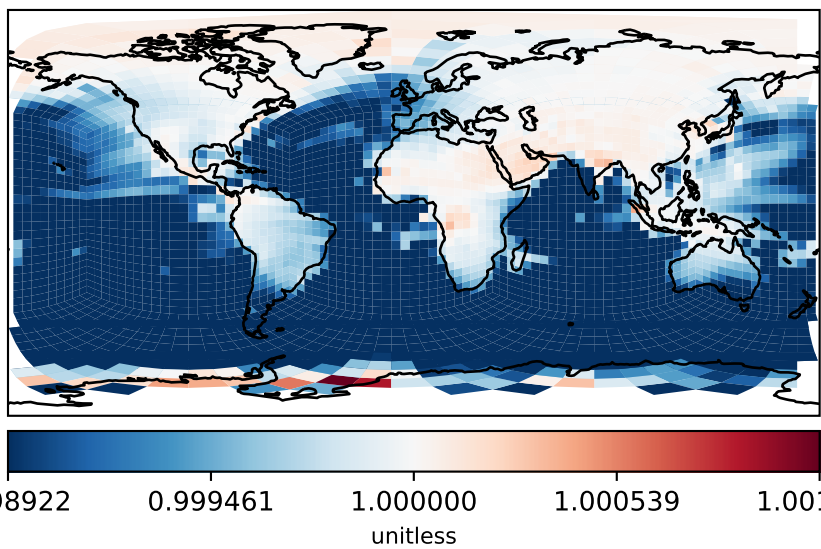
Difference  
Dev - Ref, Dynamic Range



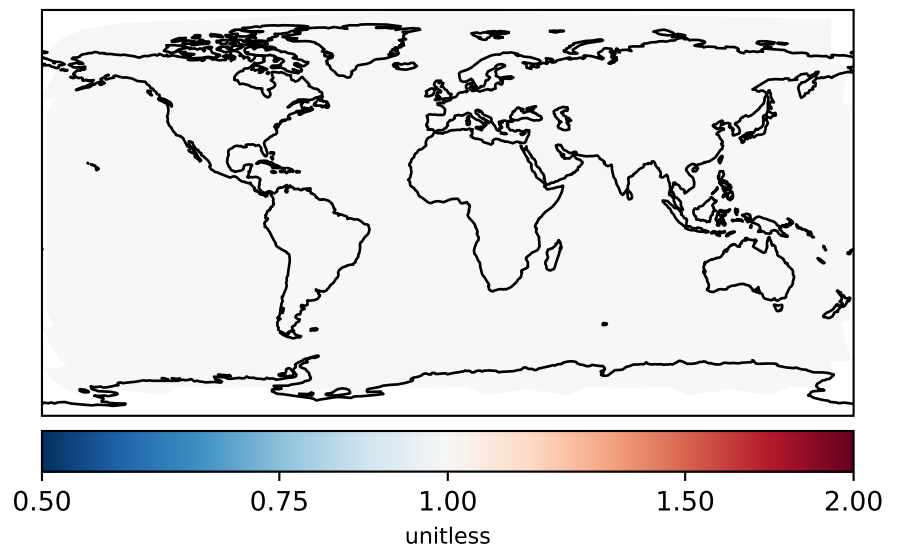
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

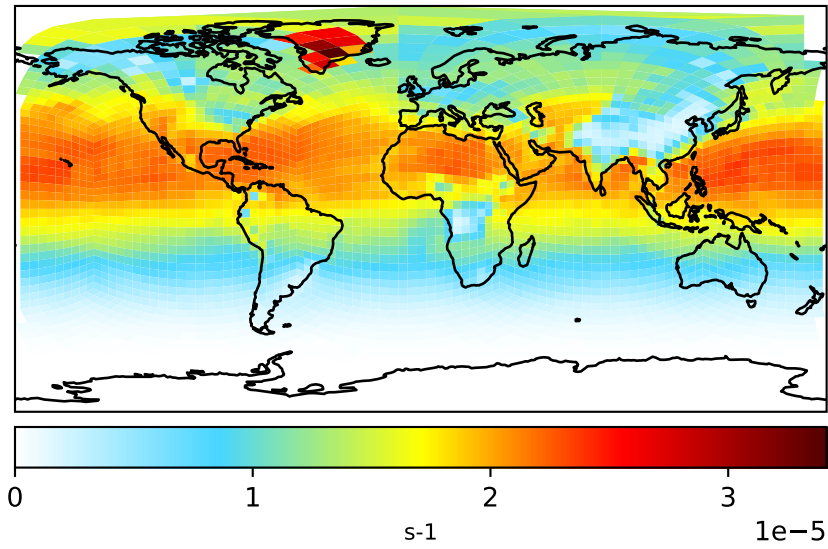


Ratio  
Dev/Ref, Fixed Range

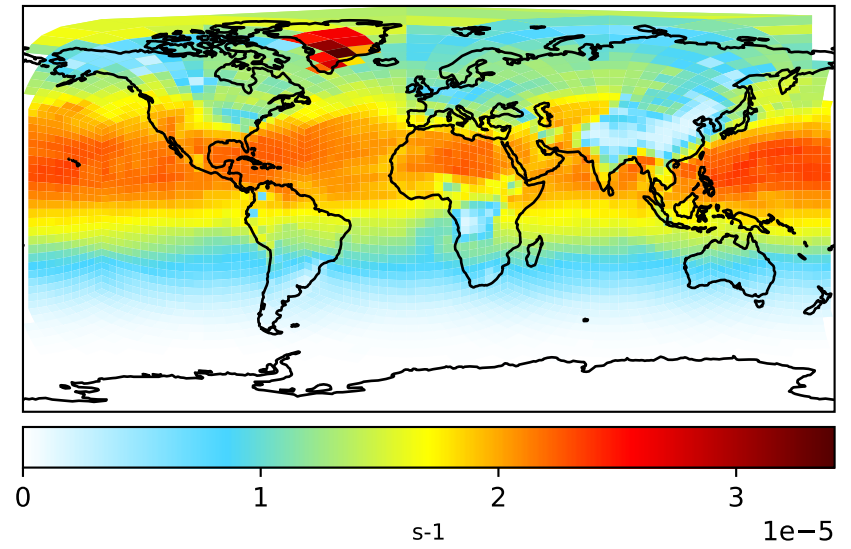


# Jval\_NIT

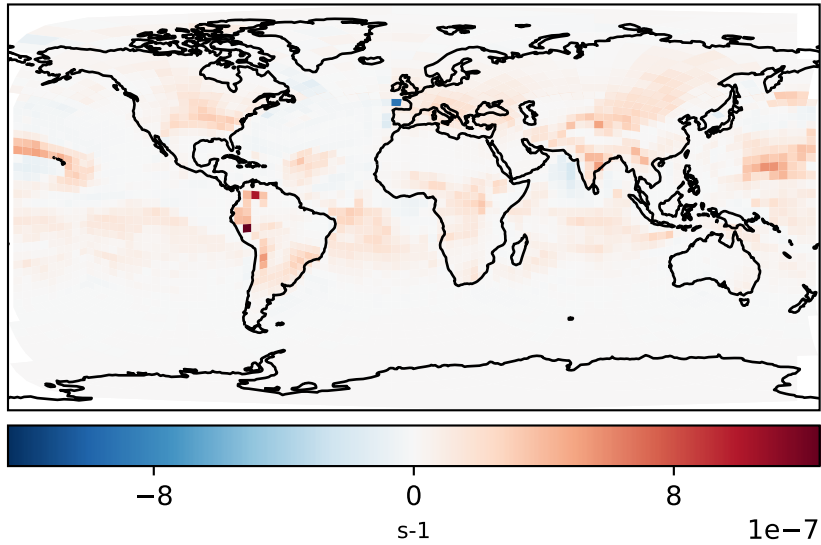
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



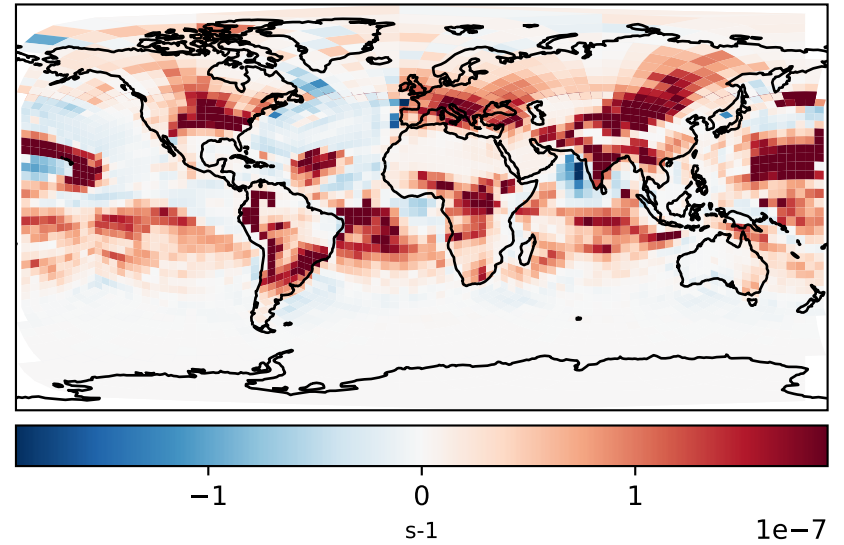
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



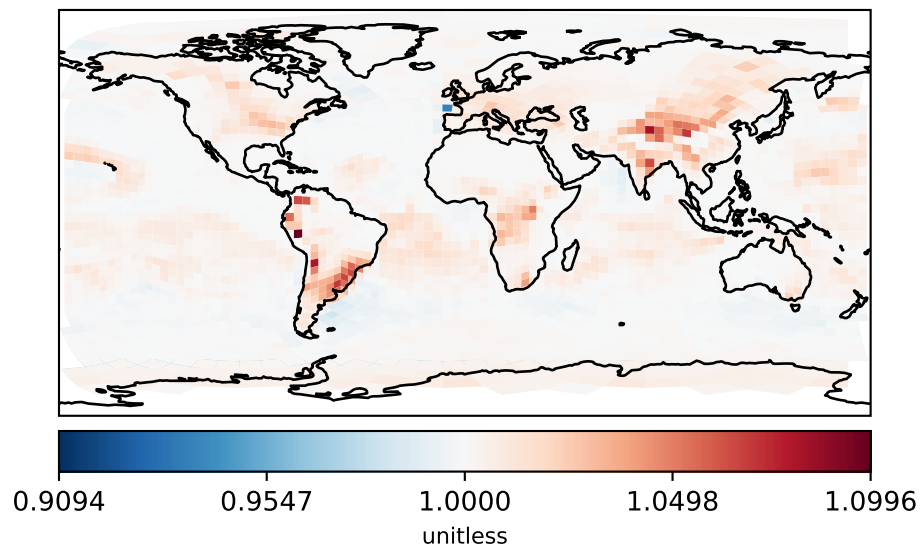
Difference  
Dev - Ref, Dynamic Range



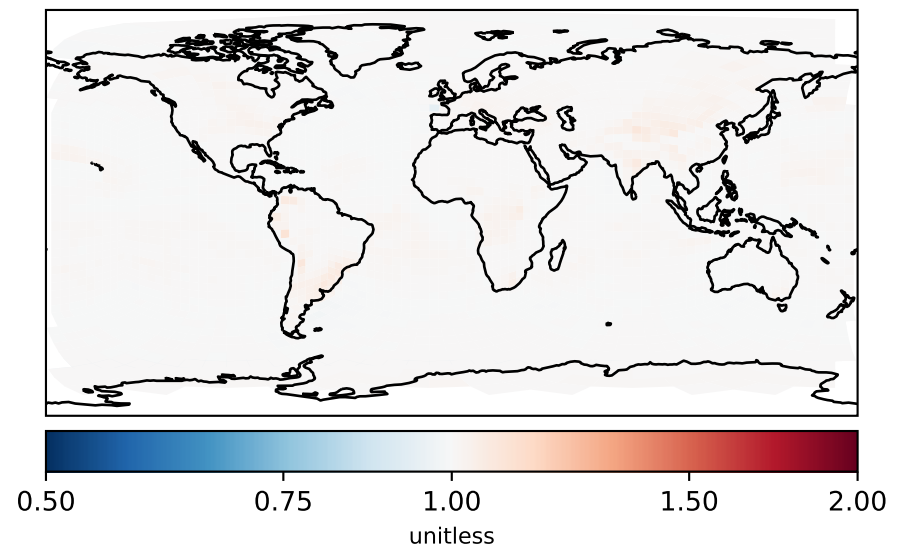
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

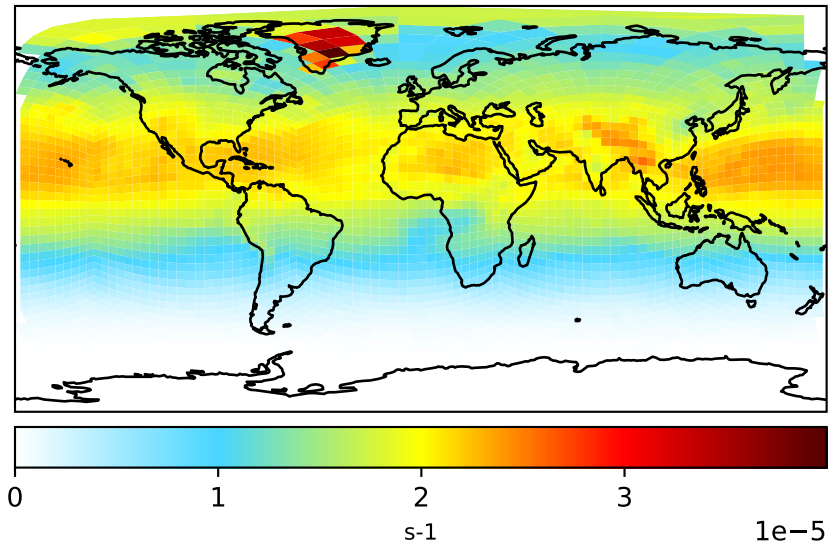


Ratio  
Dev/Ref, Fixed Range

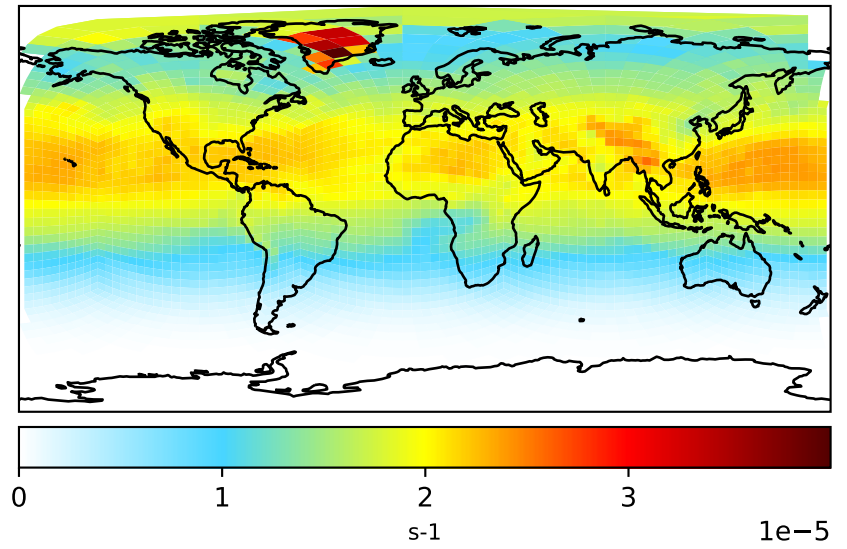


# Jval\_NITs

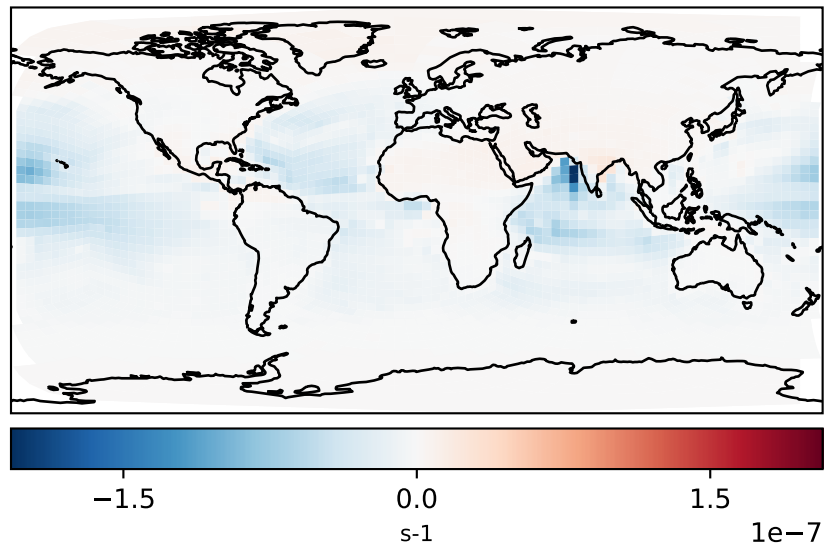
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



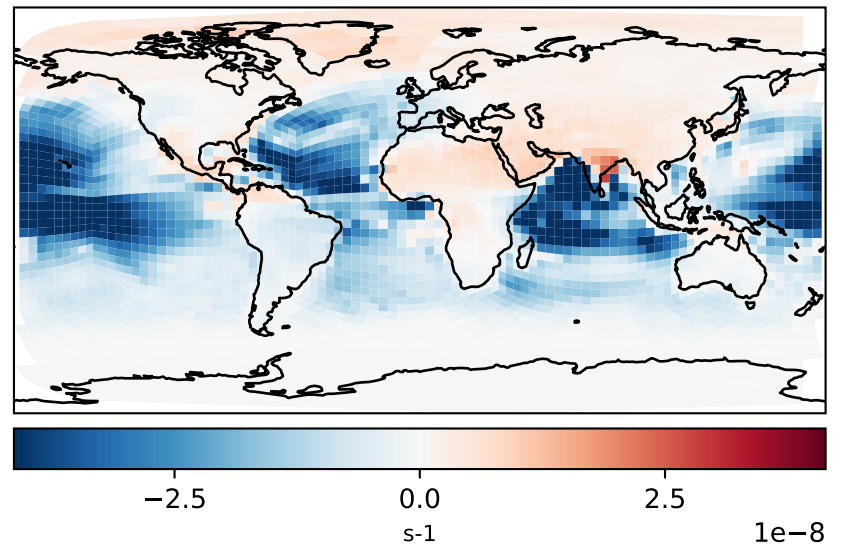
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



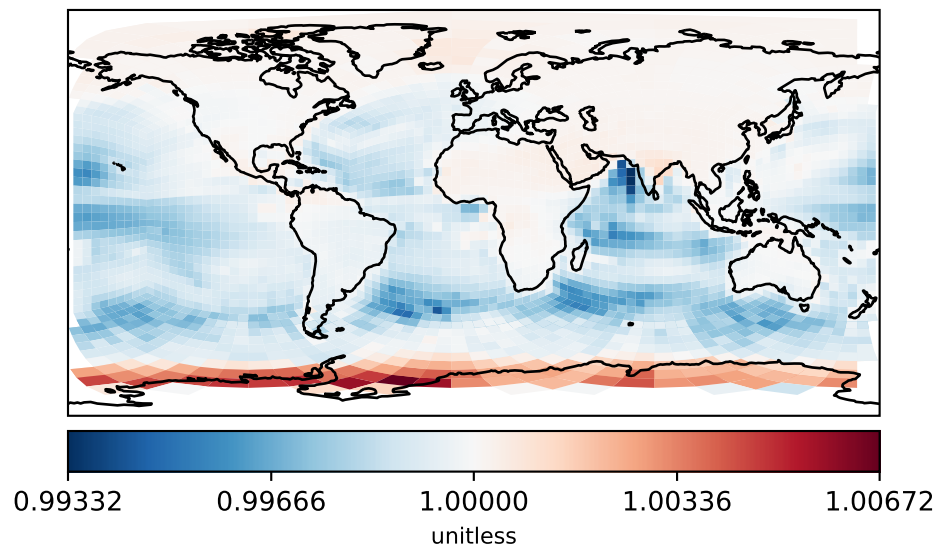
Difference  
Dev - Ref, Dynamic Range



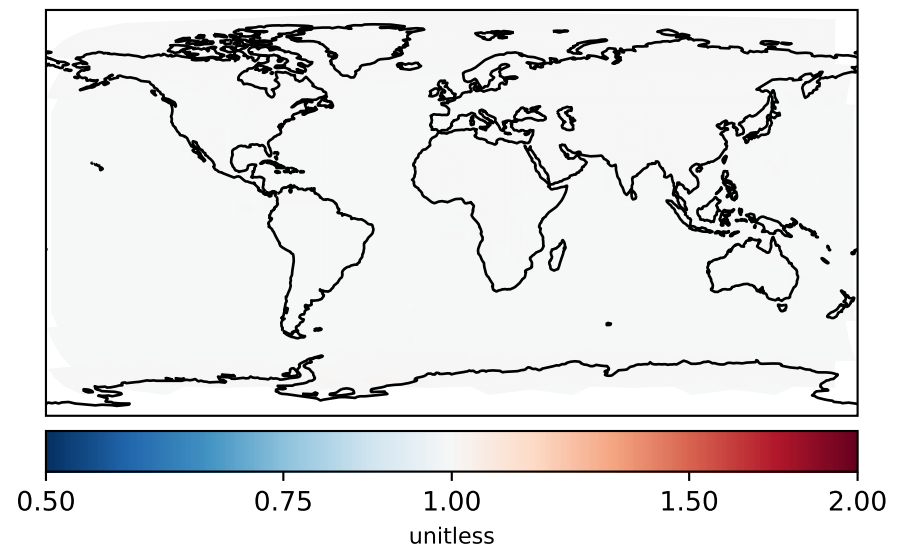
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

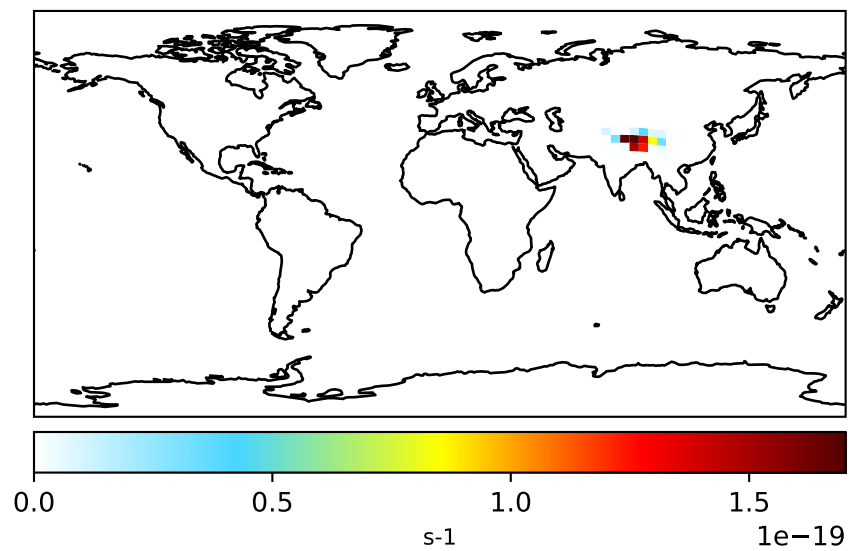


Ratio  
Dev/Ref, Fixed Range

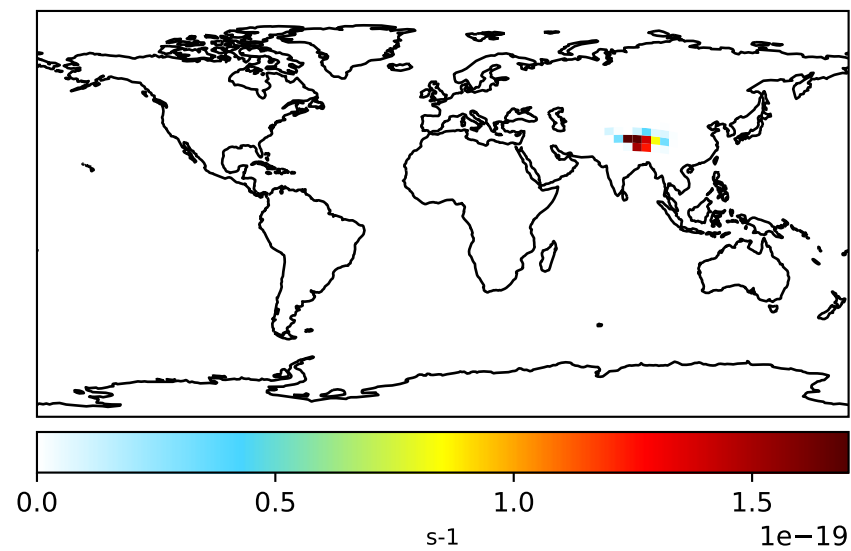


# Jval\_NO

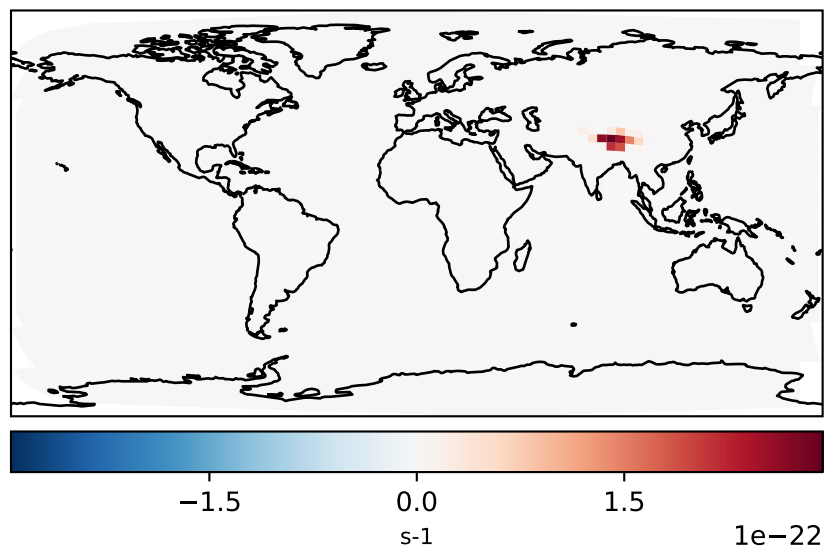
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



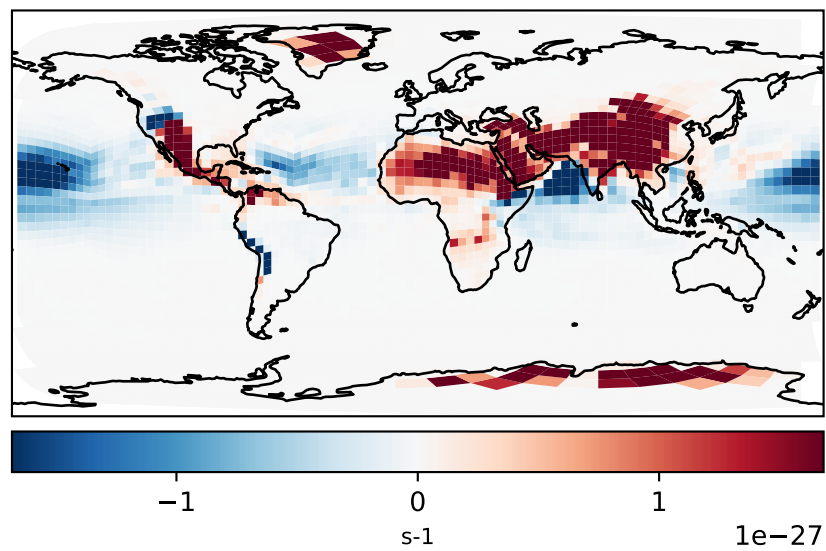
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



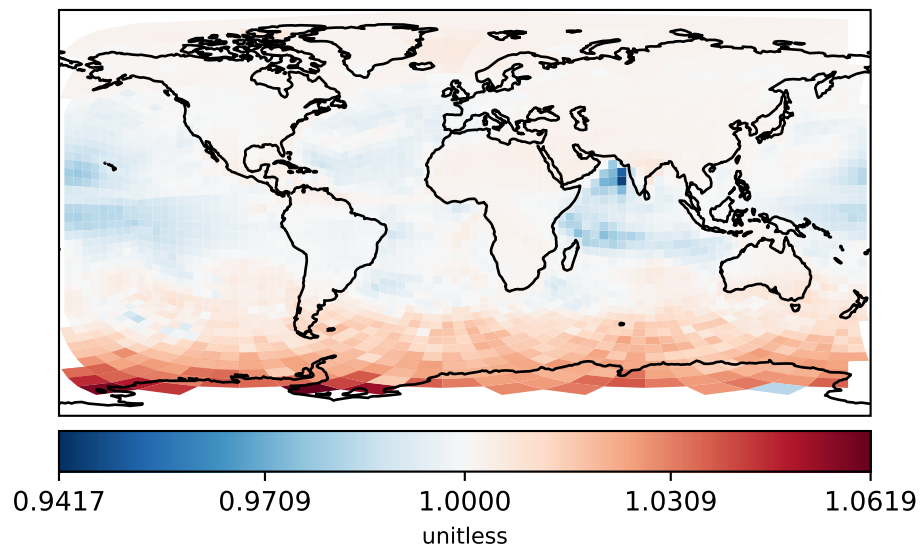
Difference  
Dev - Ref, Dynamic Range



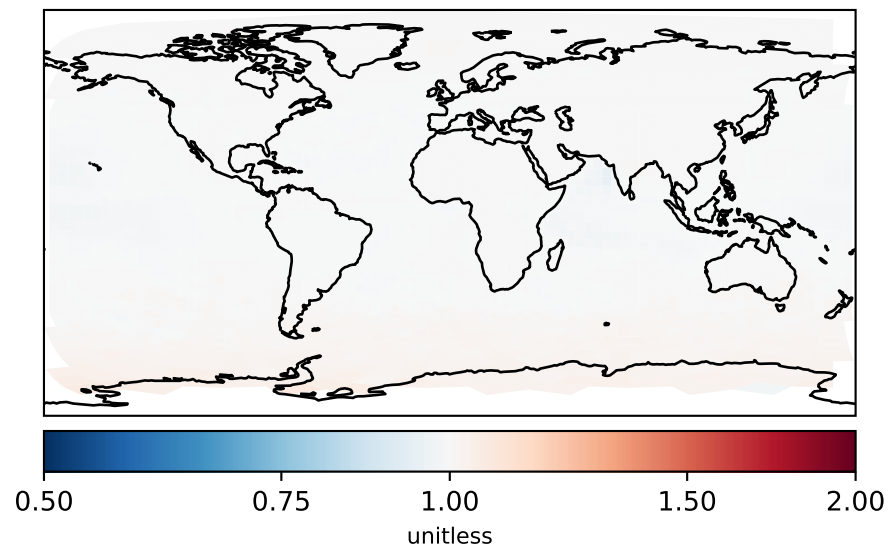
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

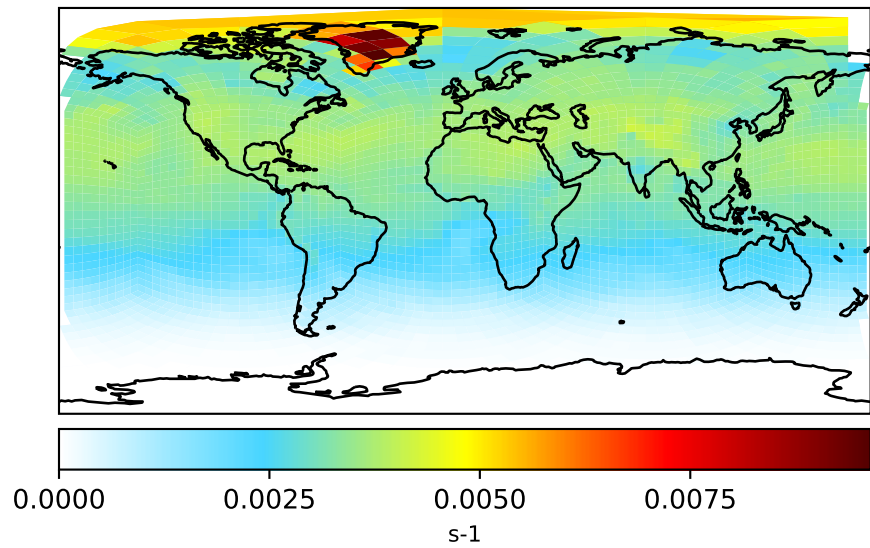


Ratio  
Dev/Ref, Fixed Range

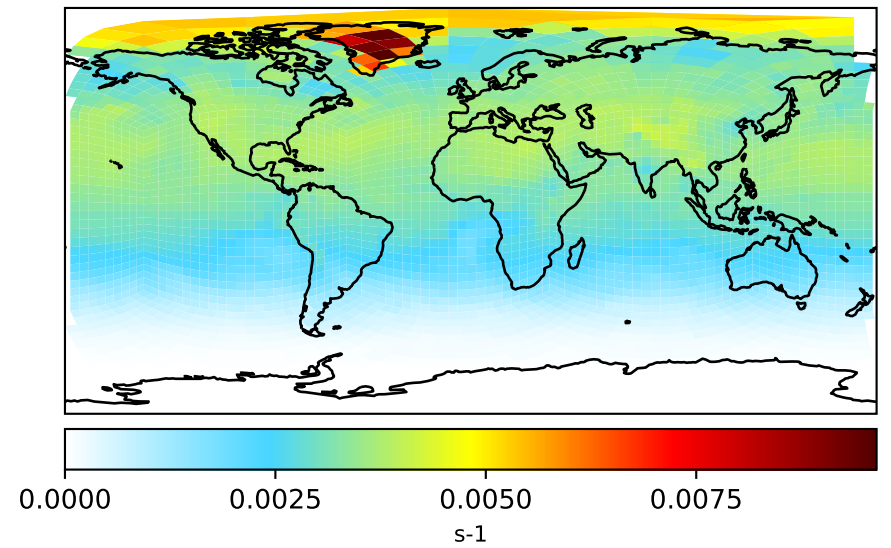


# Jval\_NO2

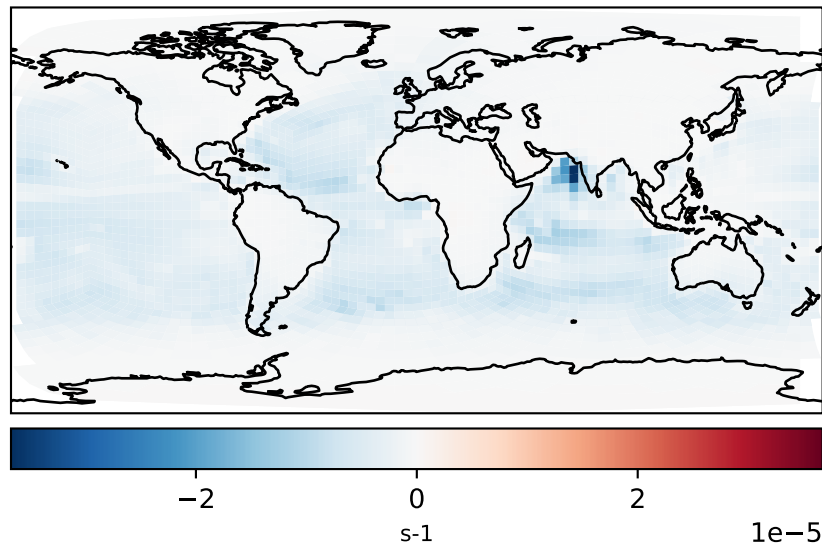
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



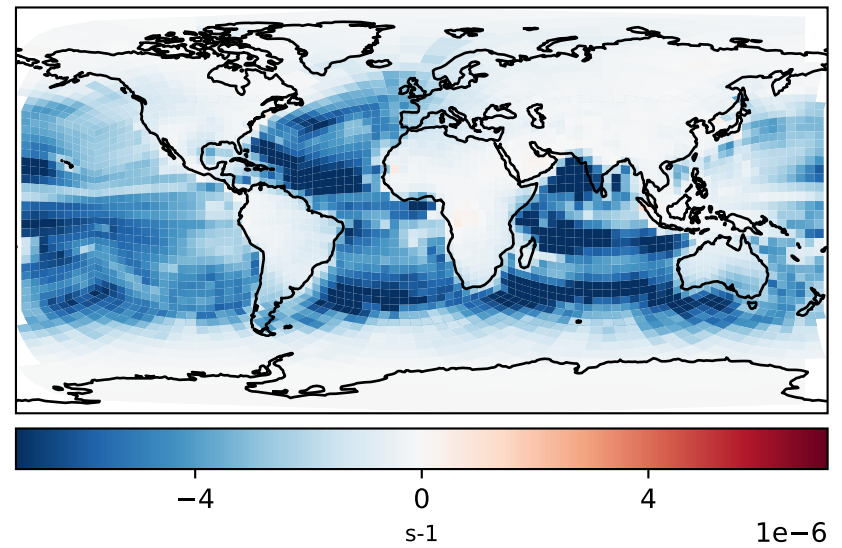
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



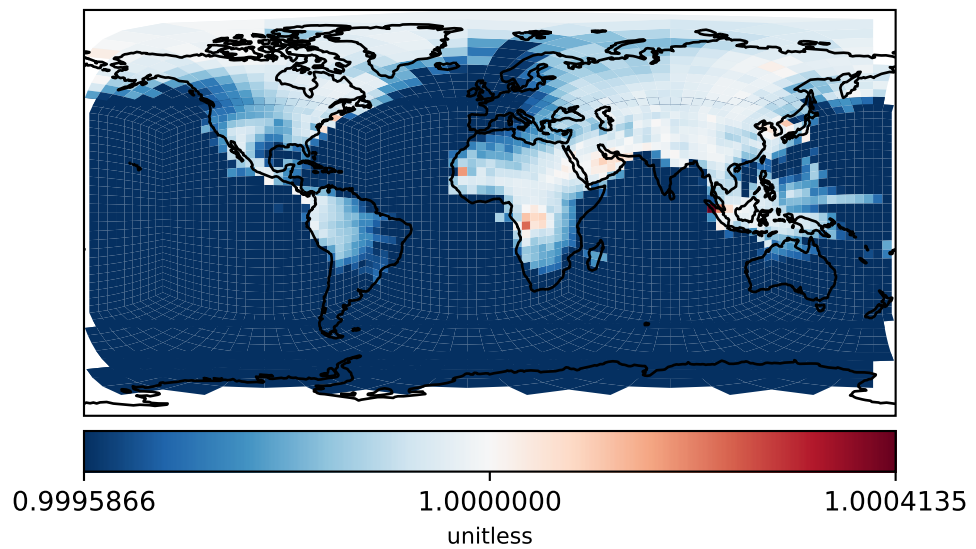
Difference  
Dev - Ref, Dynamic Range



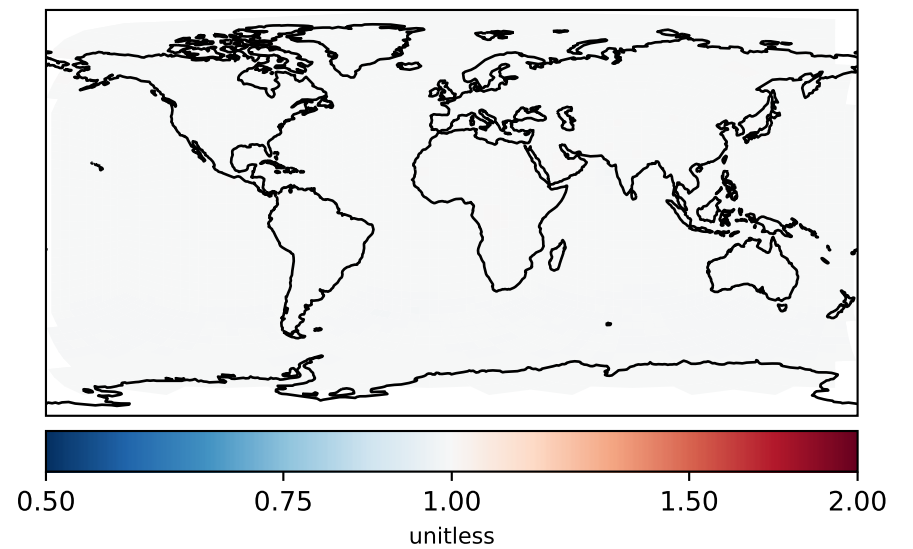
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

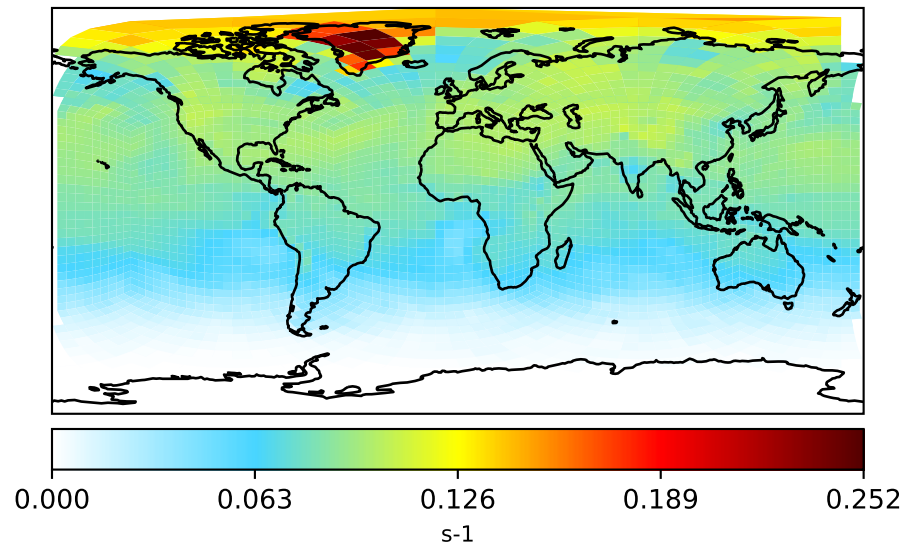


Ratio  
Dev/Ref, Fixed Range

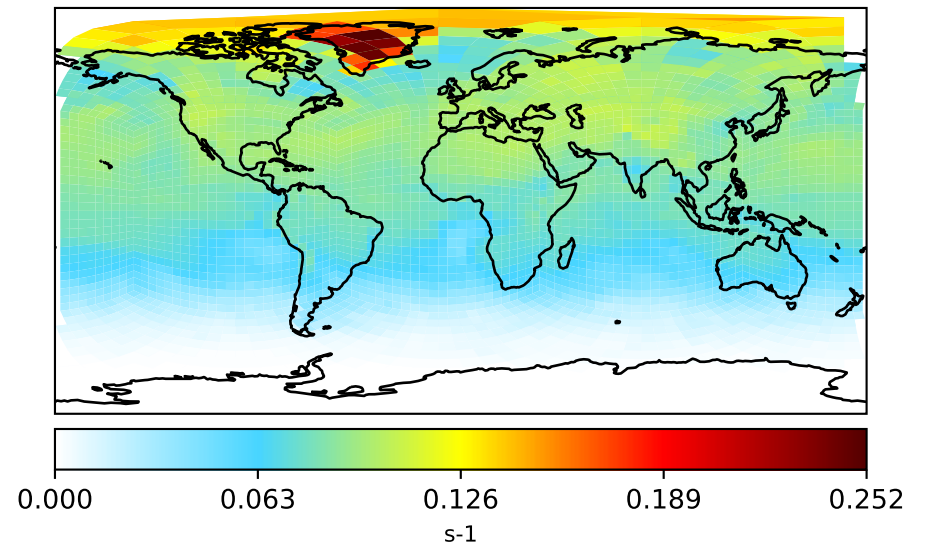


# Jval\_NO3

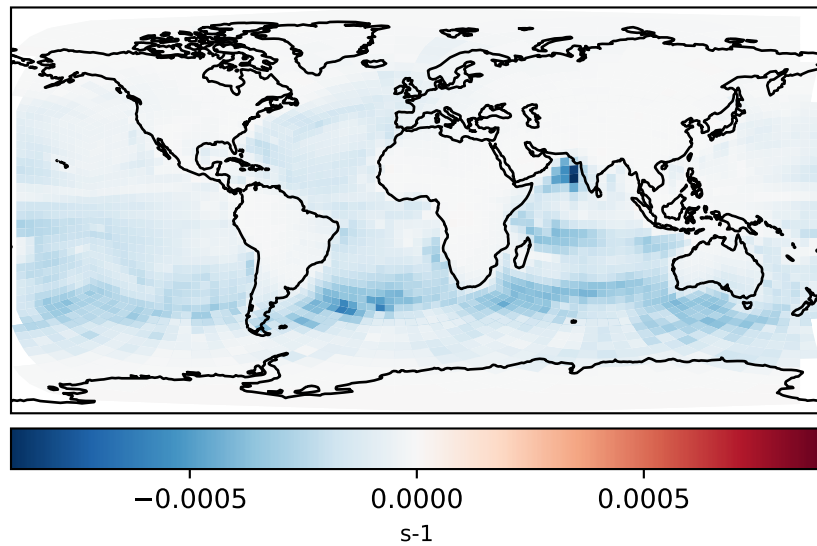
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



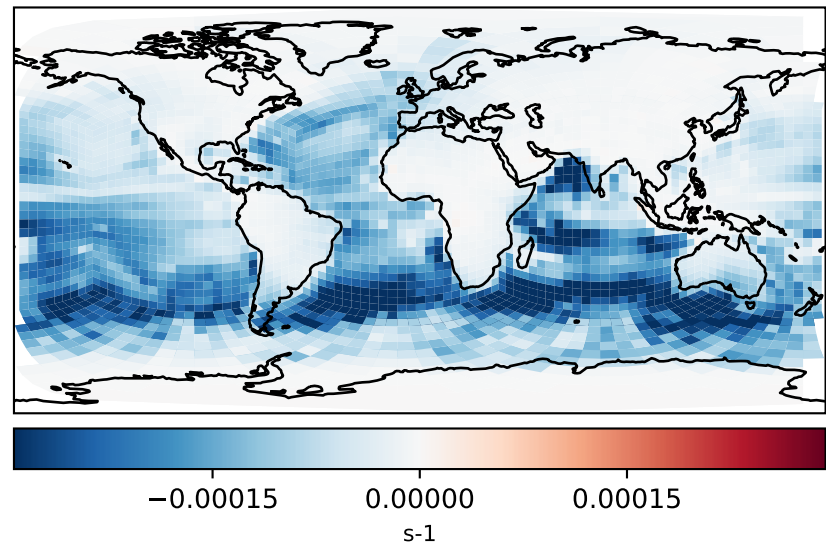
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



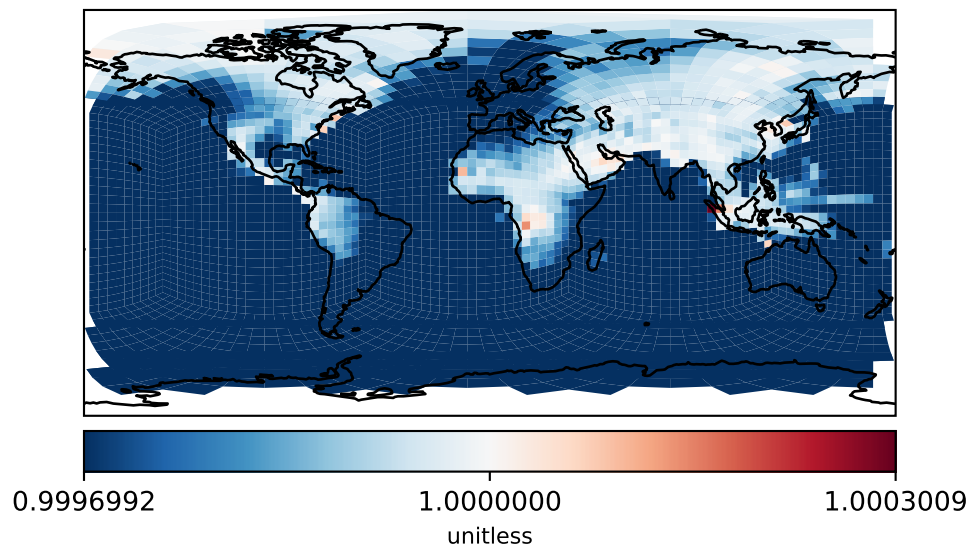
Difference  
Dev - Ref, Dynamic Range



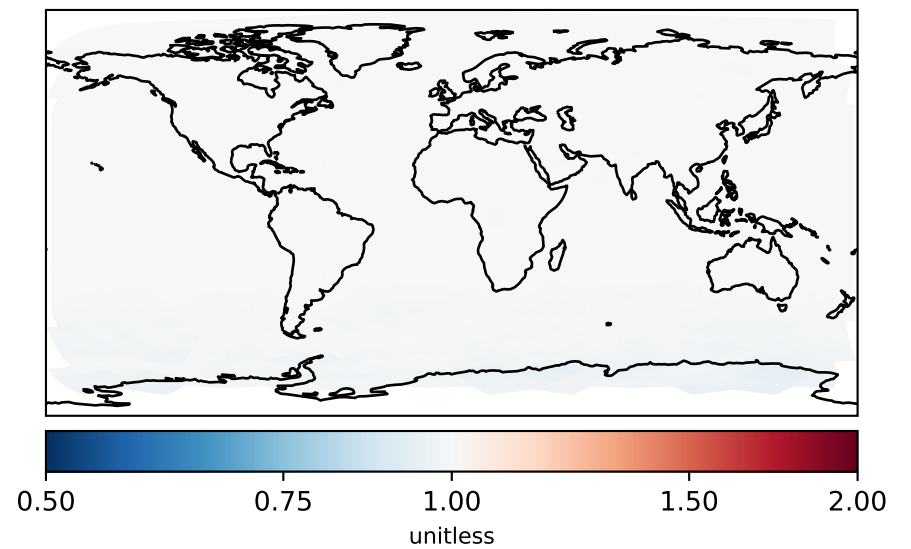
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

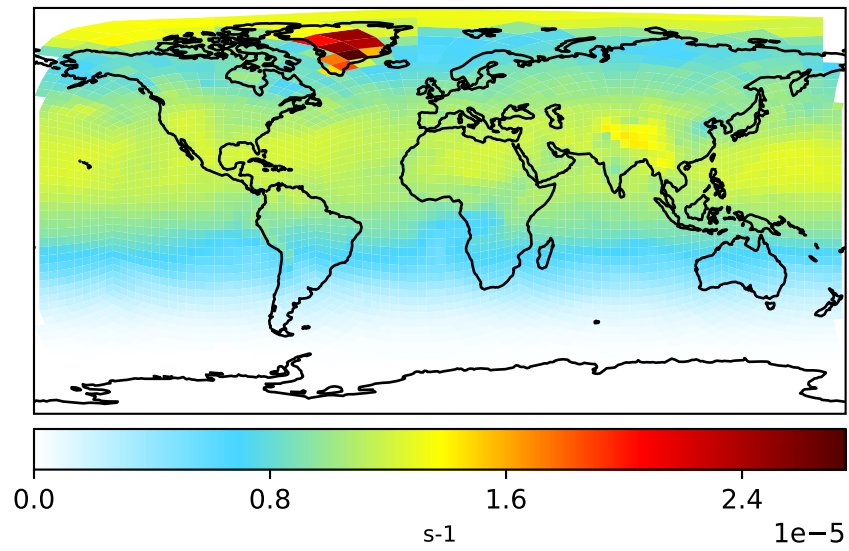


Ratio  
Dev/Ref, Fixed Range

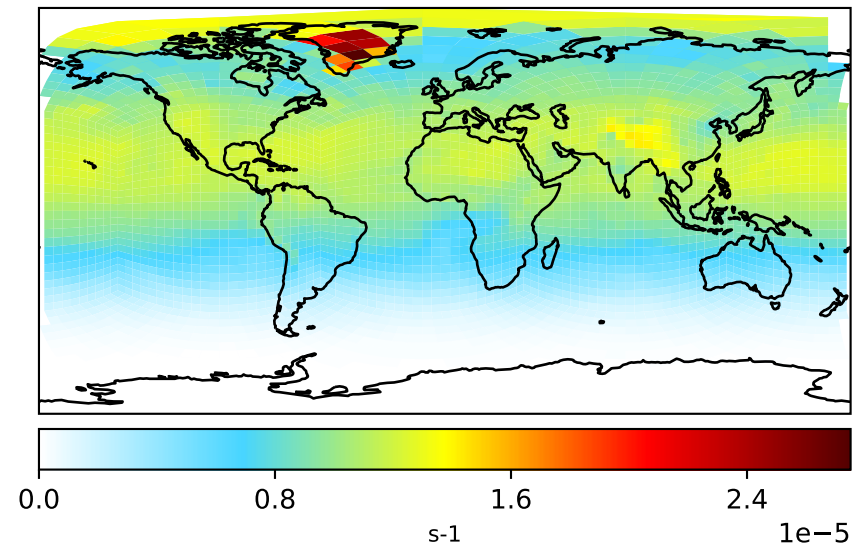


# Jval\_NPHEN

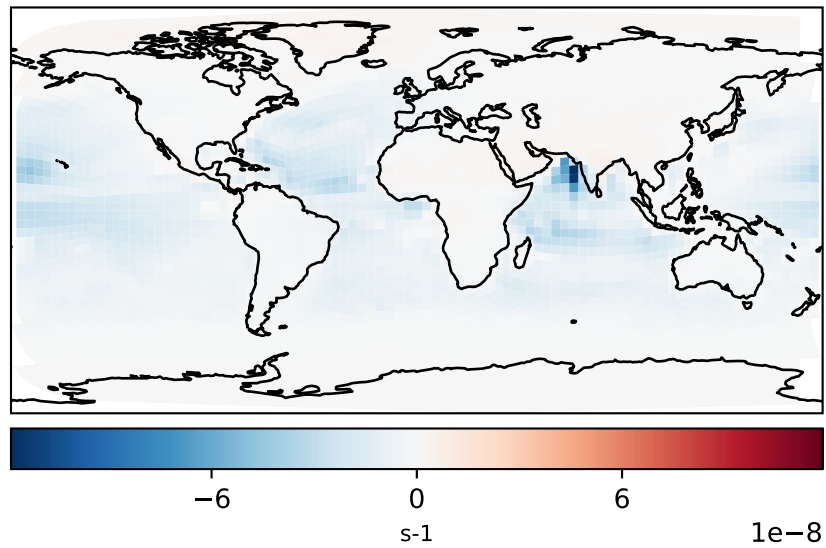
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



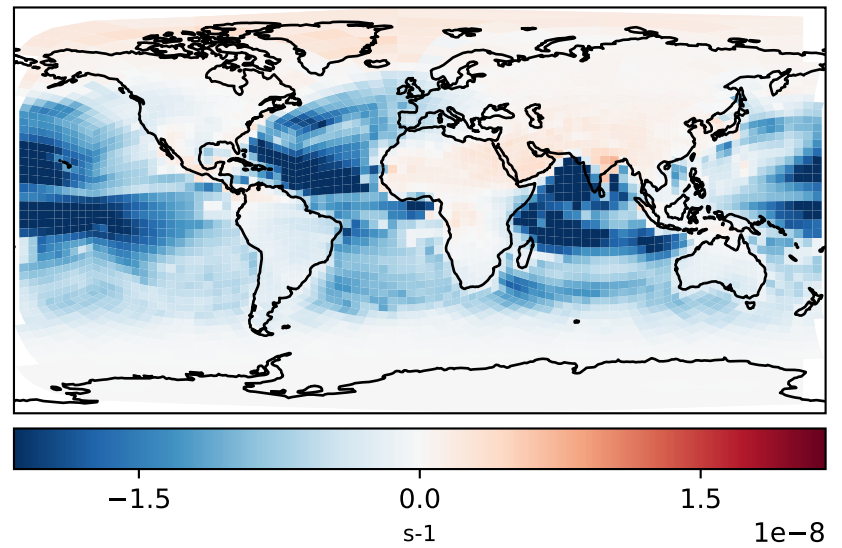
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



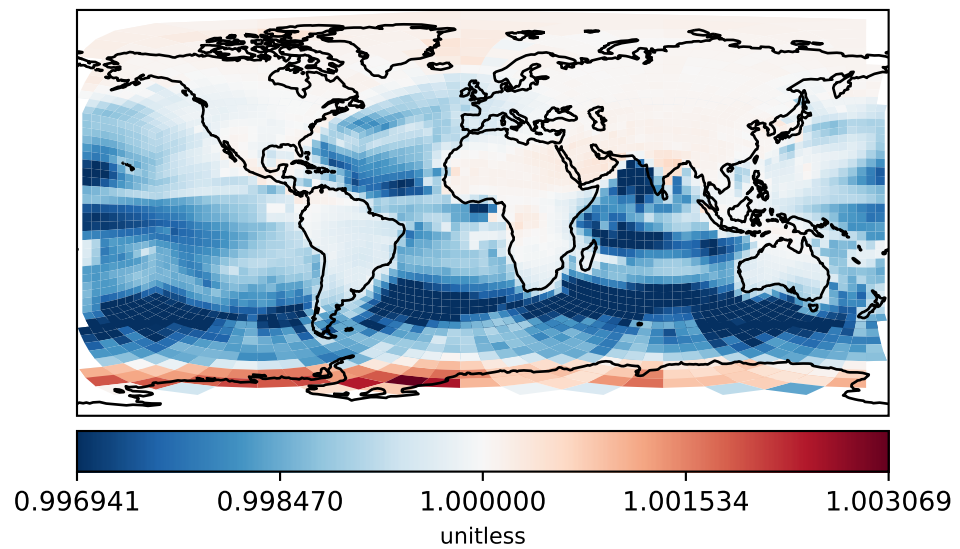
Difference  
Dev - Ref, Dynamic Range



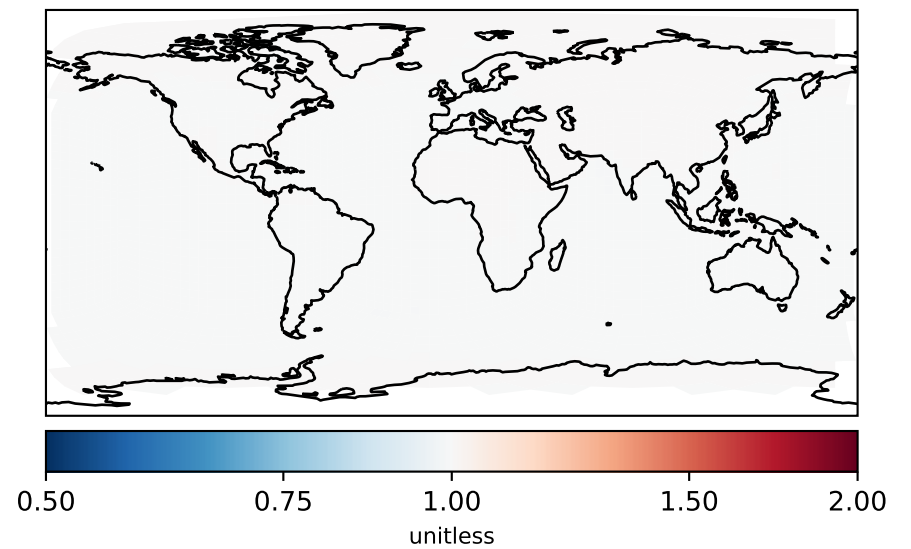
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



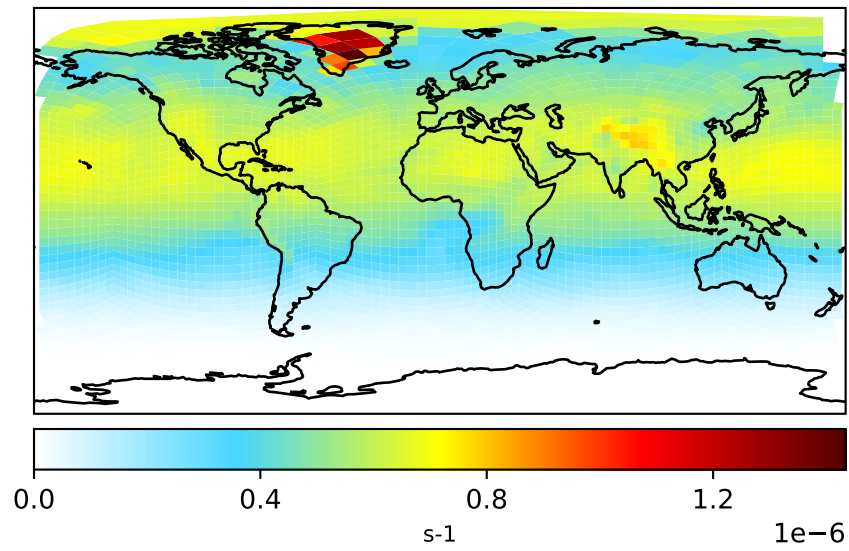
Ratio  
Dev/Ref, Fixed Range



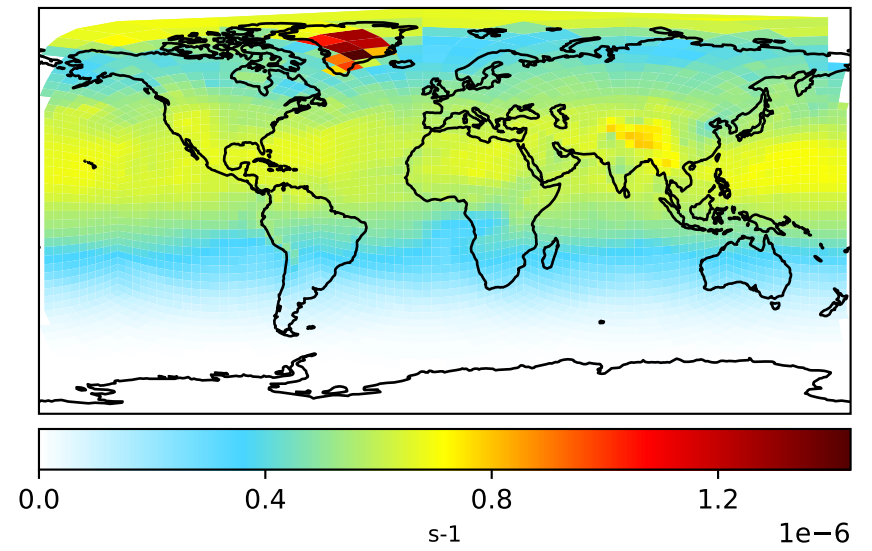


# Jval\_NPRNO3

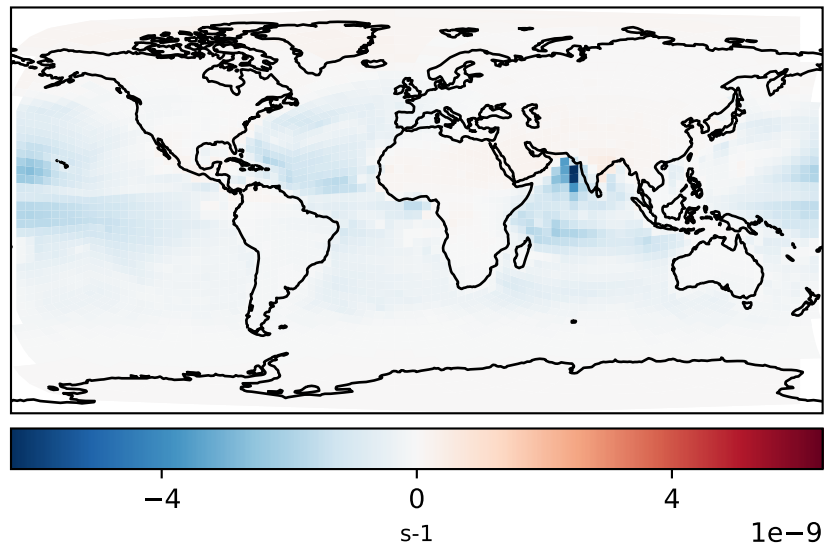
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



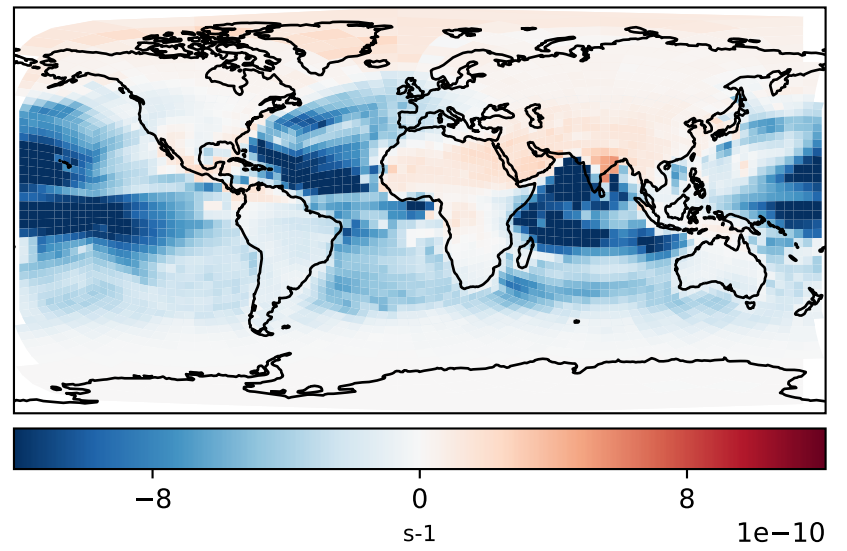
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



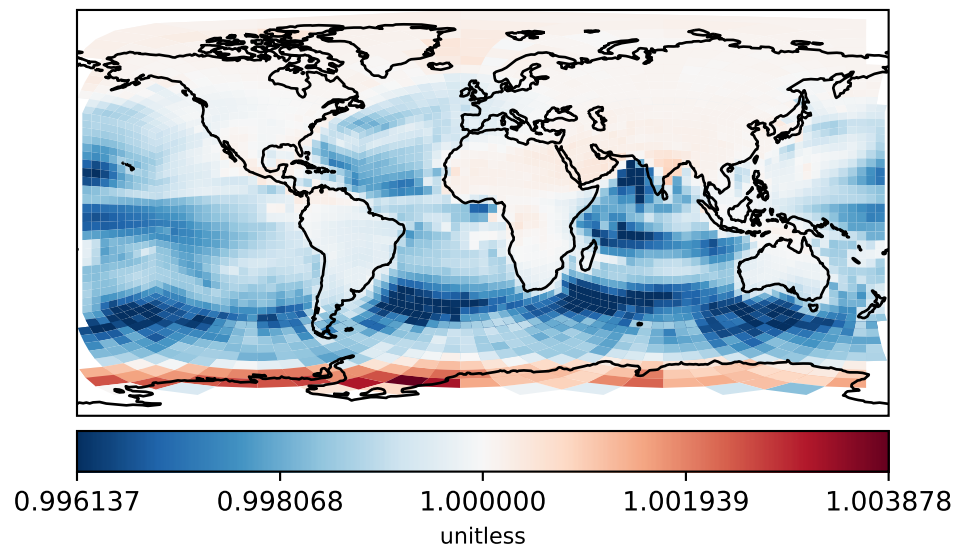
Difference  
Dev - Ref, Dynamic Range



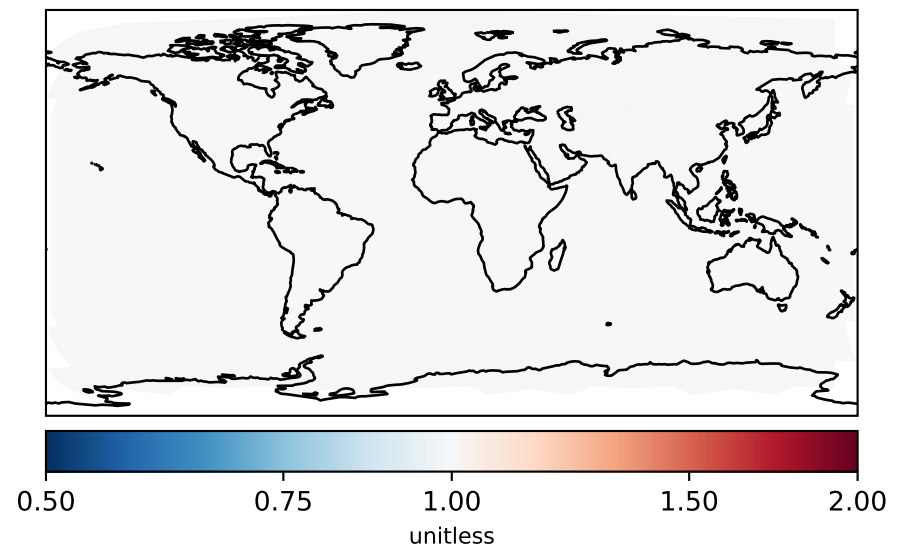
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

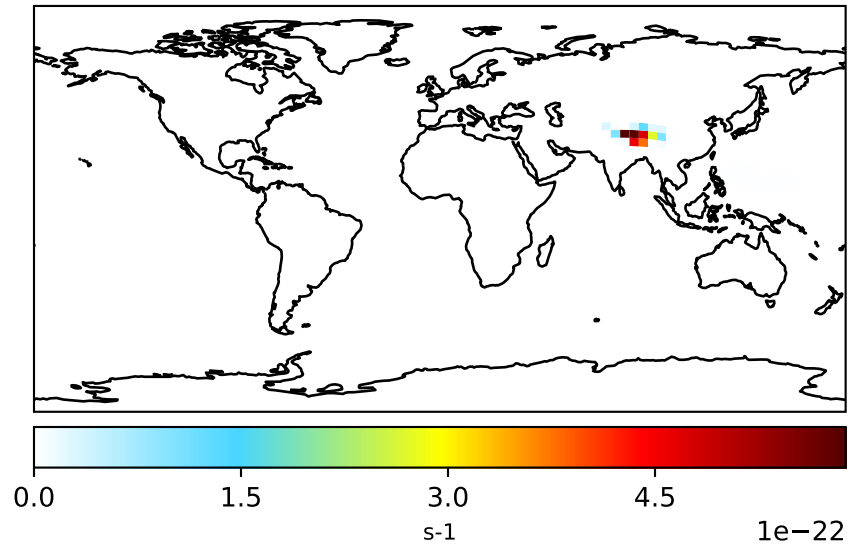


Ratio  
Dev/Ref, Fixed Range

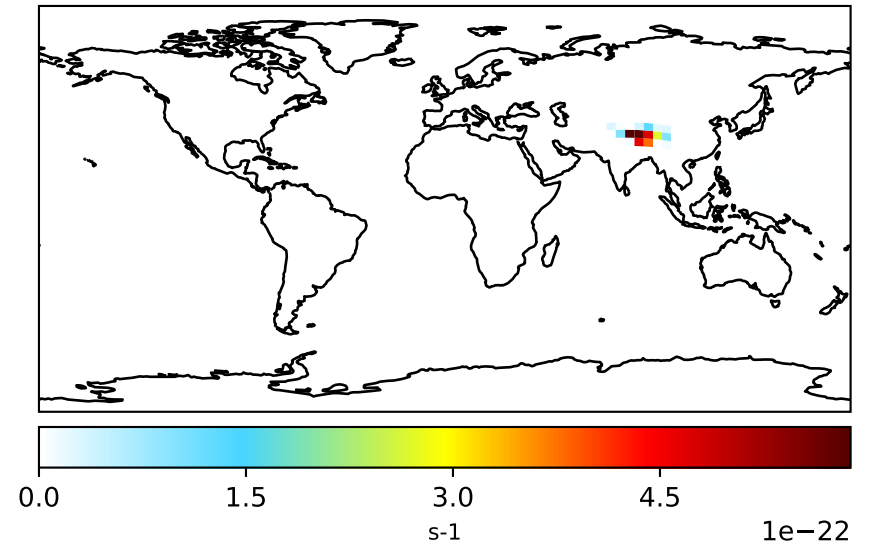


# Jval\_02

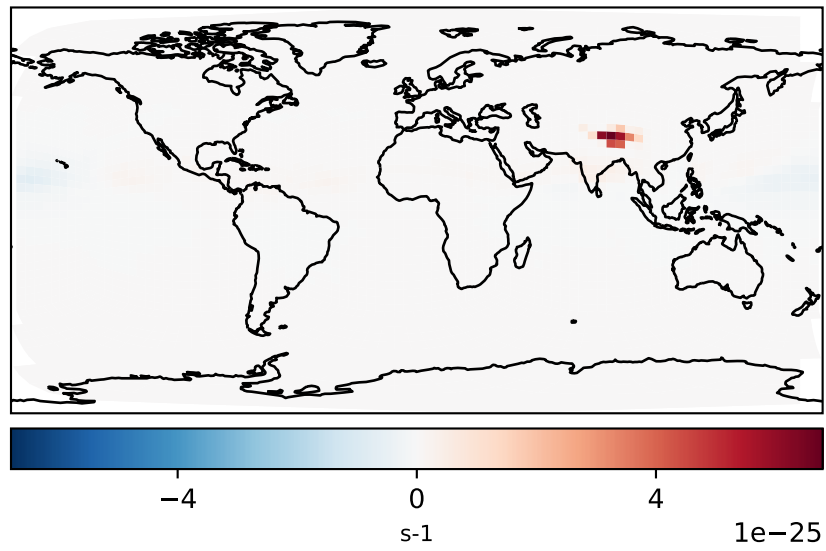
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



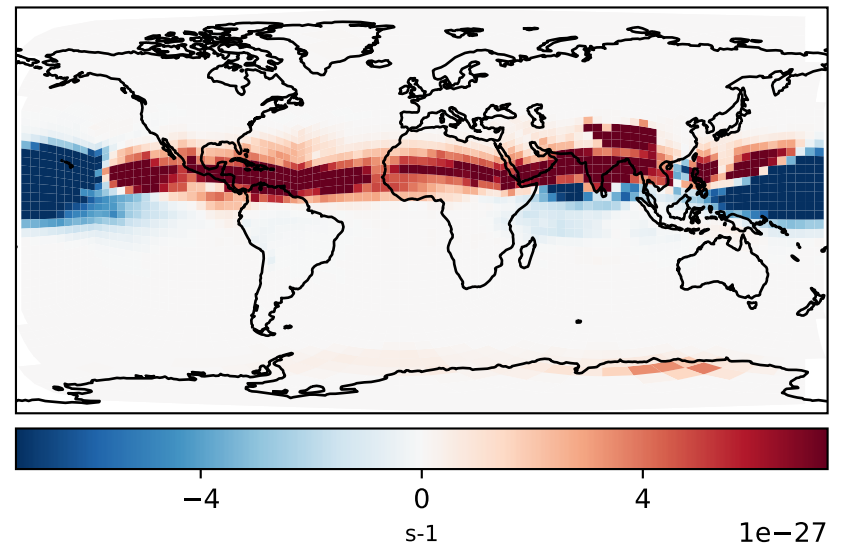
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



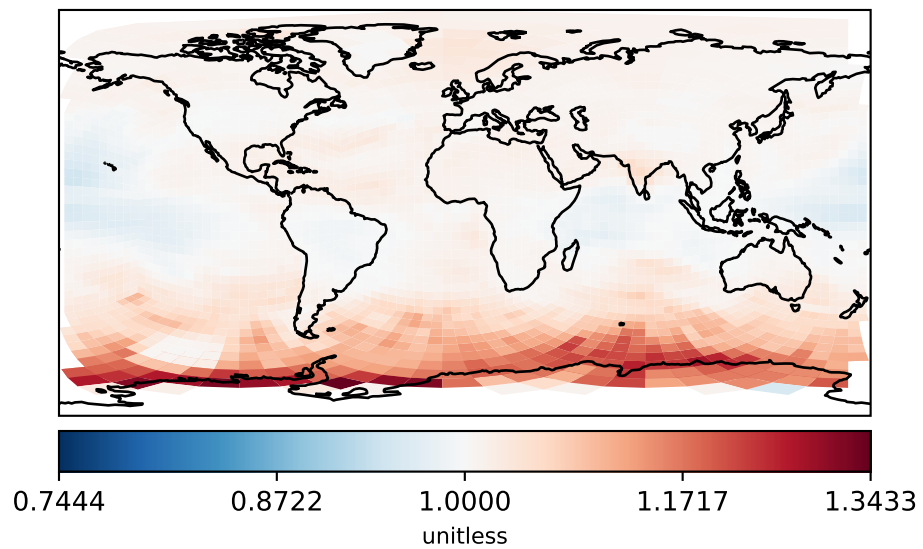
Difference  
Dev - Ref, Dynamic Range



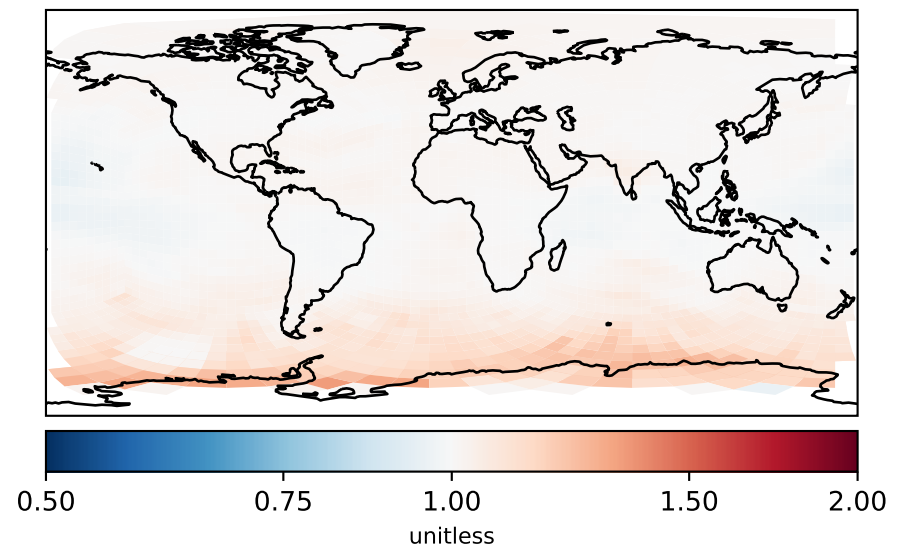
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

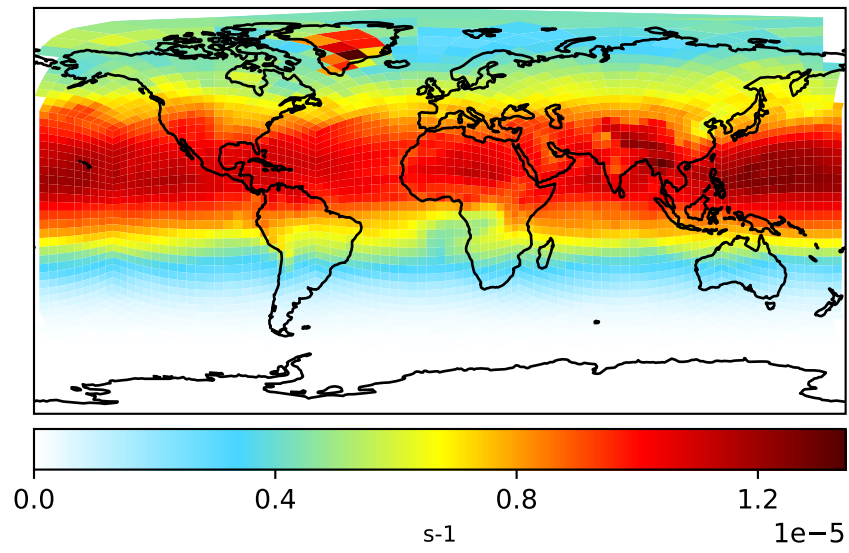


Ratio  
Dev/Ref, Fixed Range

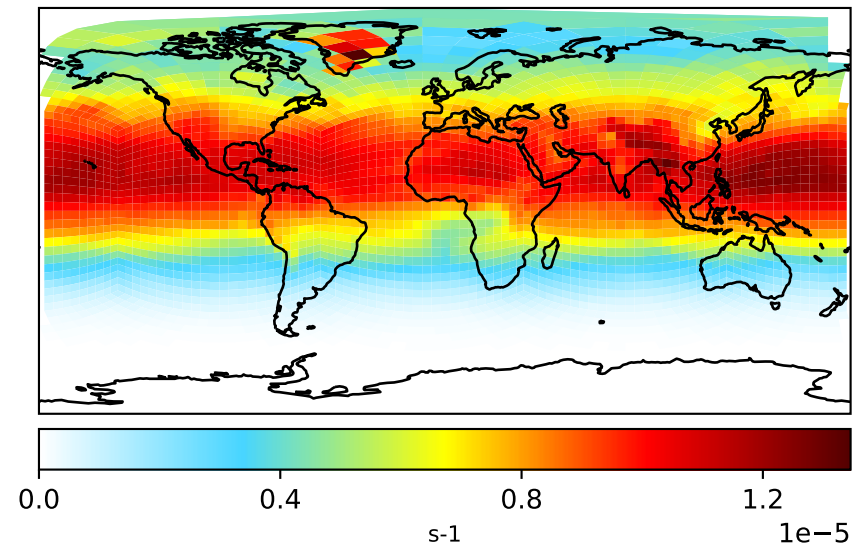


# Jval\_03

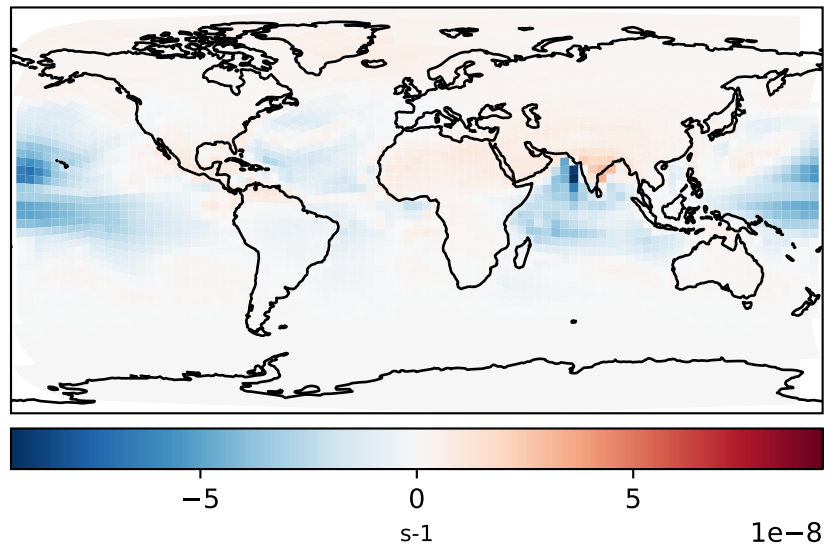
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



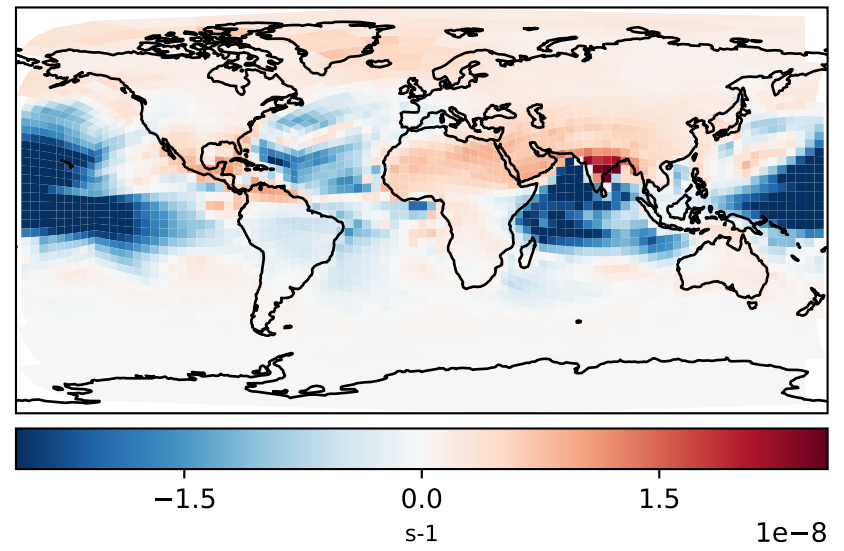
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



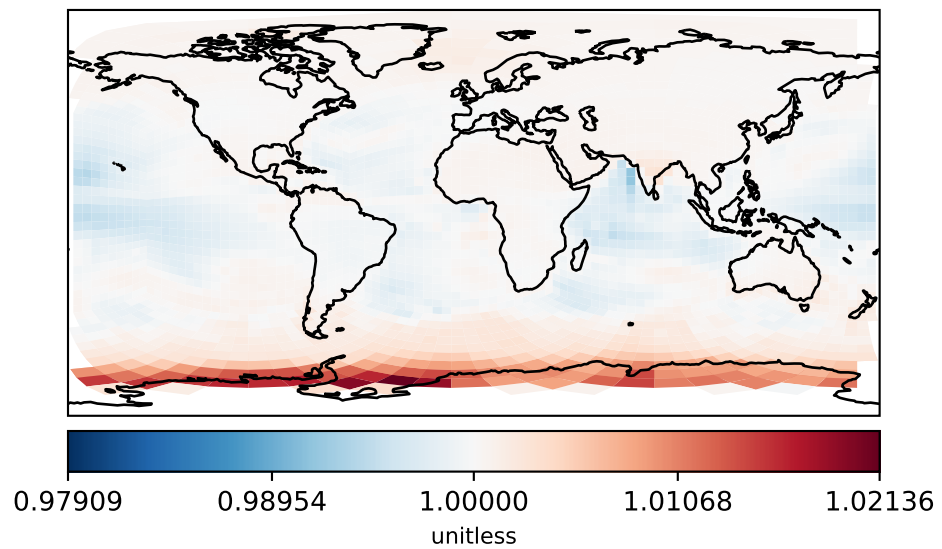
Difference  
Dev - Ref, Dynamic Range



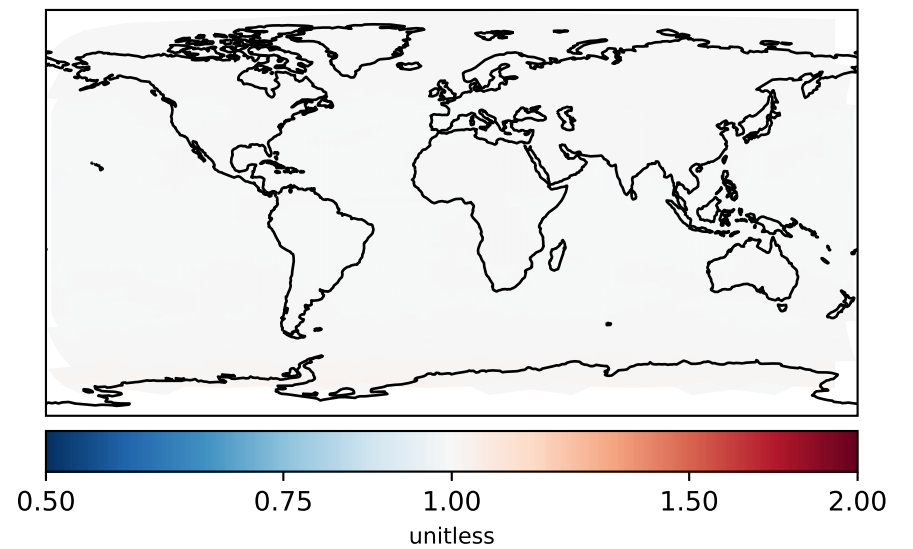
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

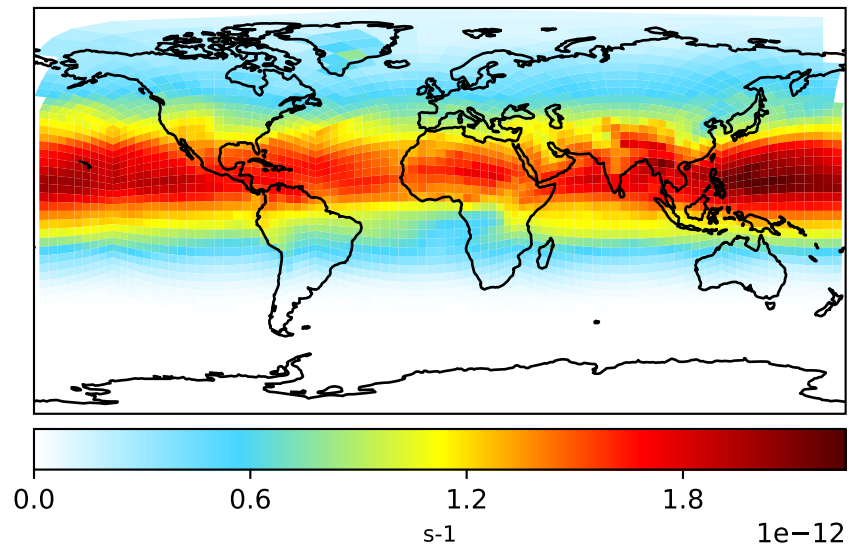


Ratio  
Dev/Ref, Fixed Range

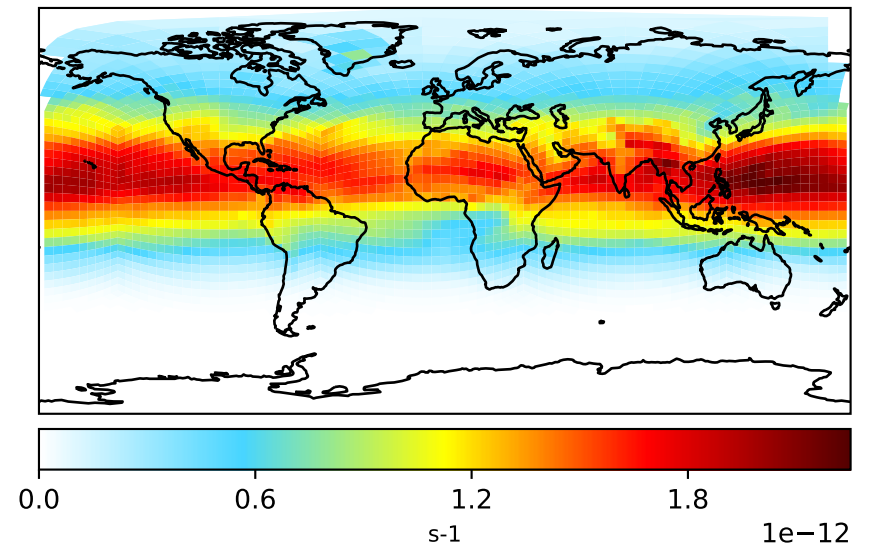


# Jval\_OCS

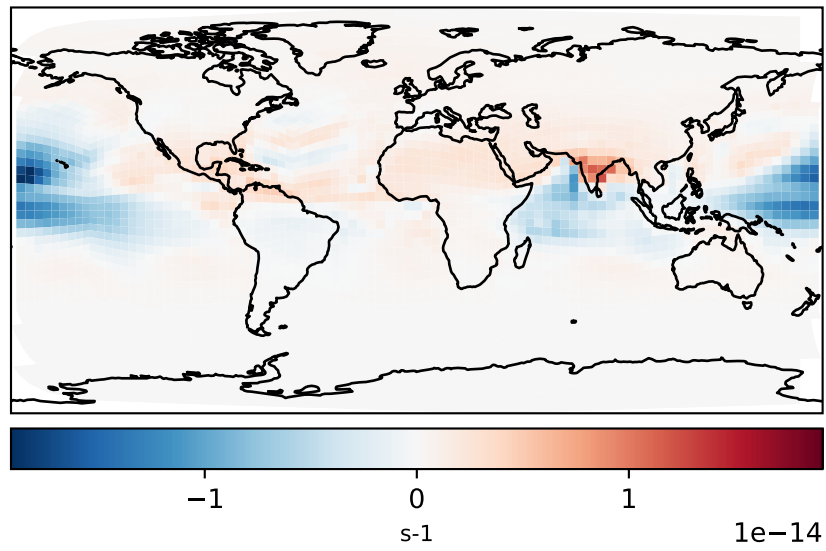
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



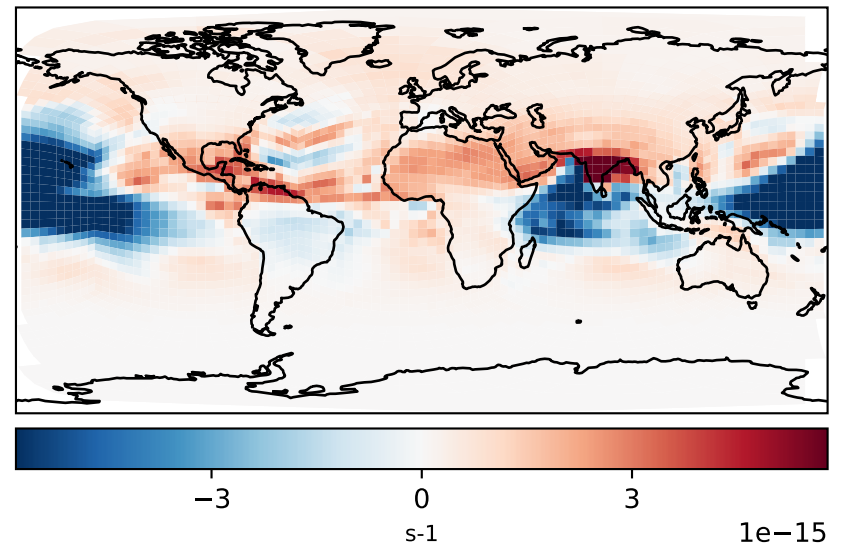
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



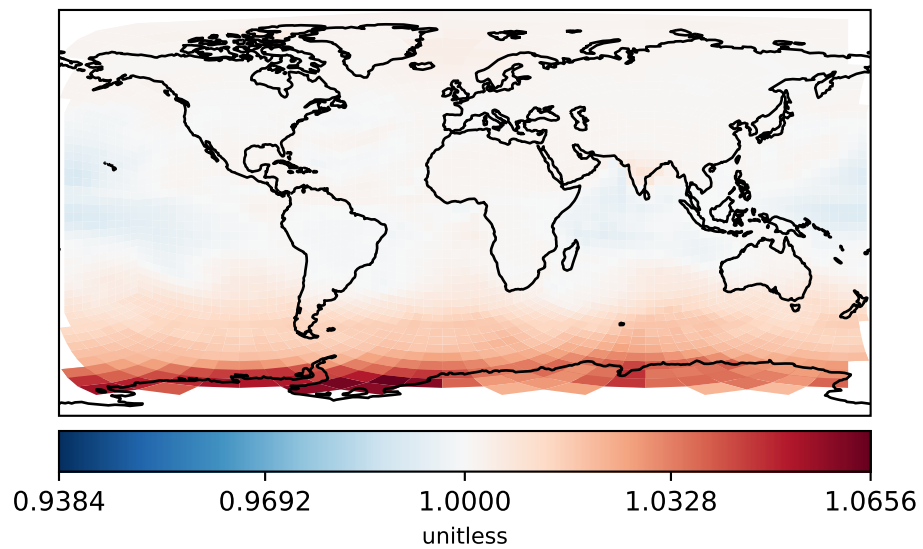
Difference  
Dev - Ref, Dynamic Range



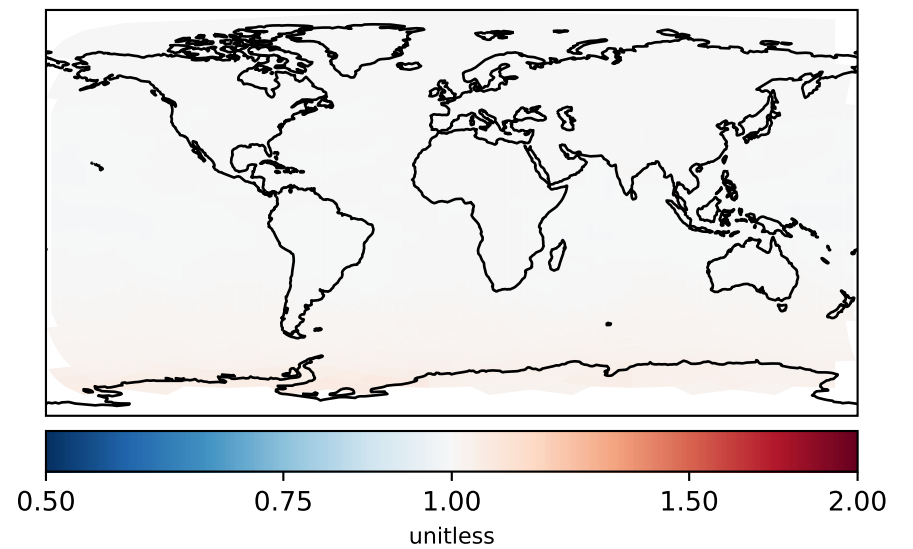
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

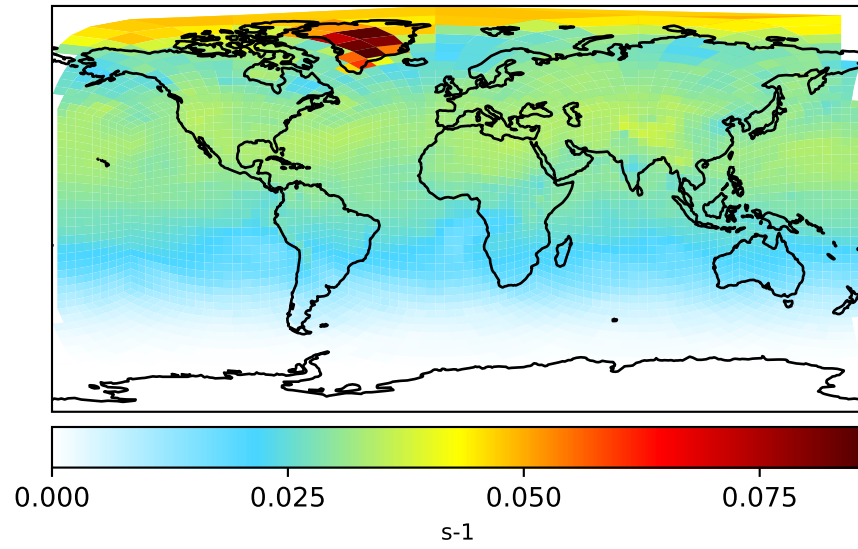


Ratio  
Dev/Ref, Fixed Range

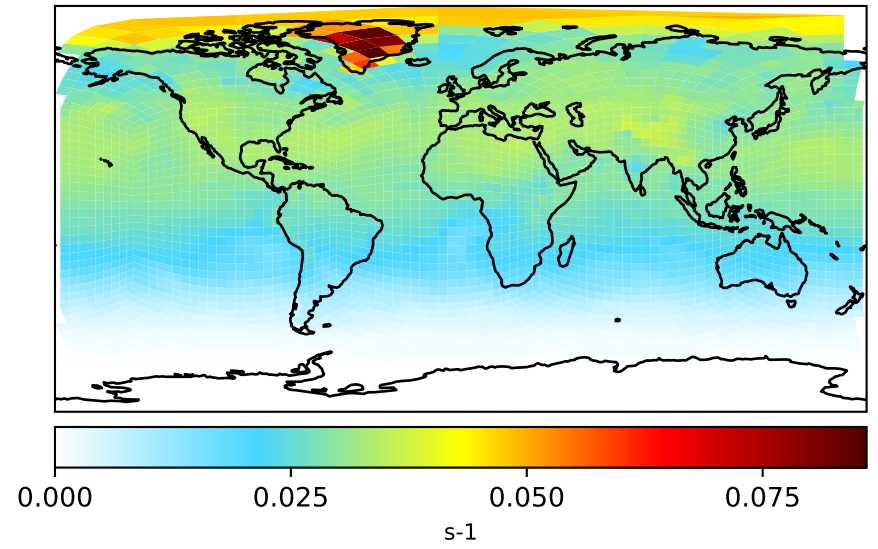


# Jval\_OCIO

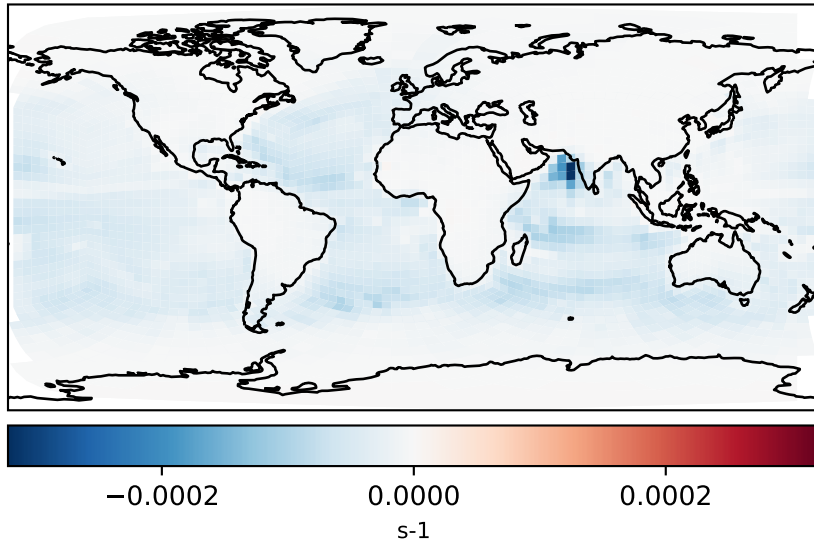
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



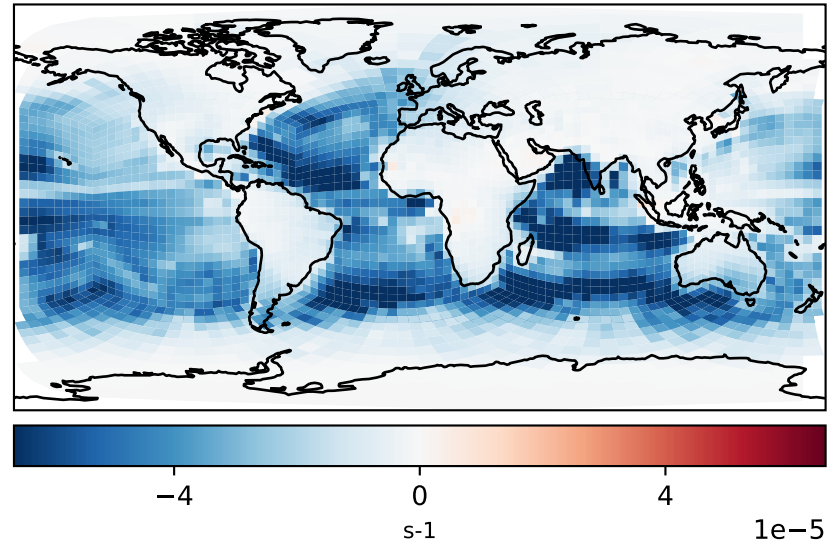
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



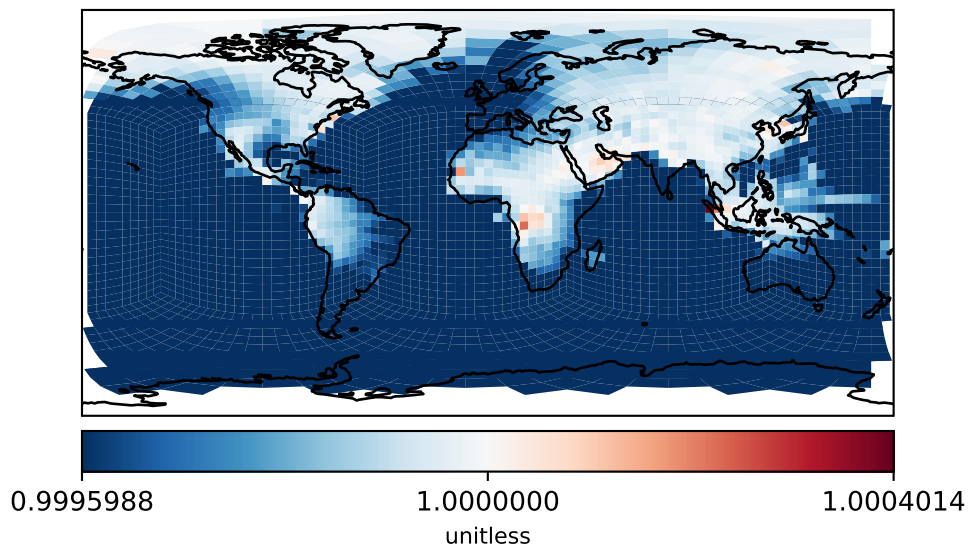
Difference  
Dev - Ref, Dynamic Range



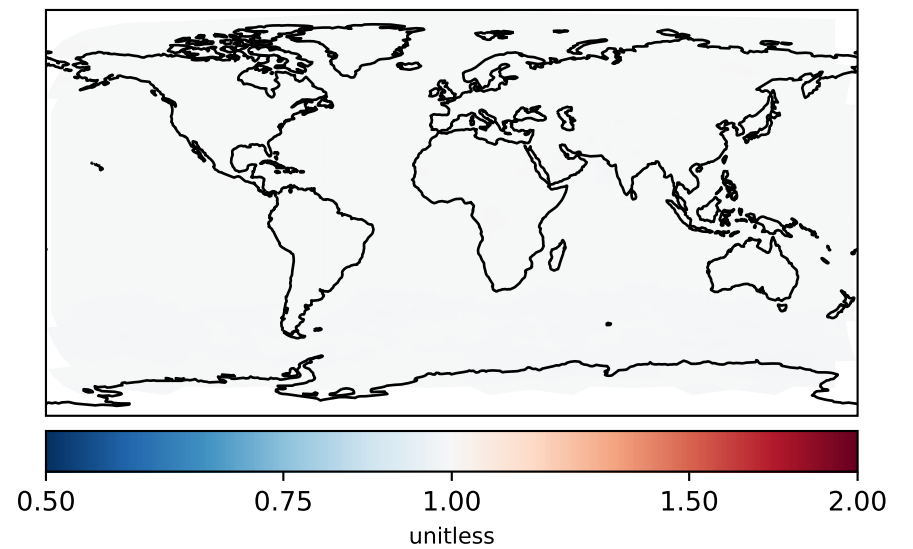
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

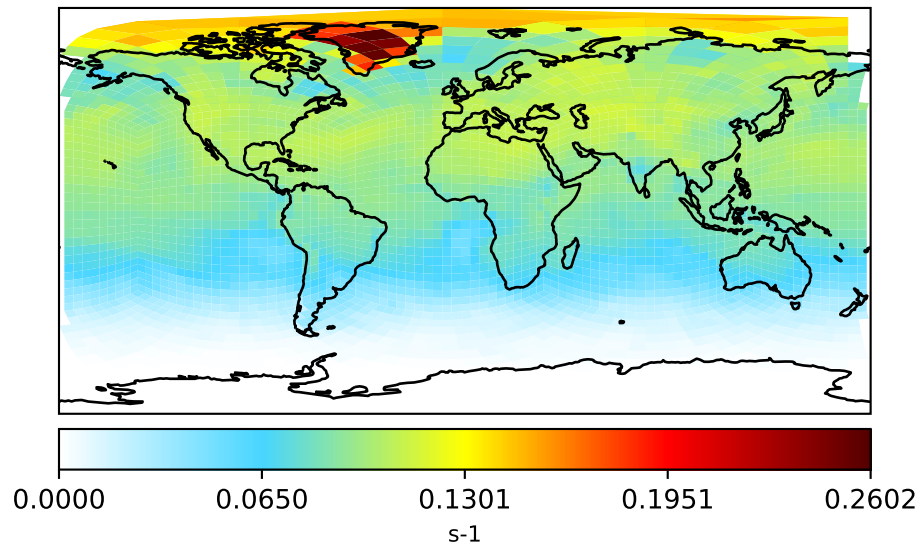


Ratio  
Dev/Ref, Fixed Range

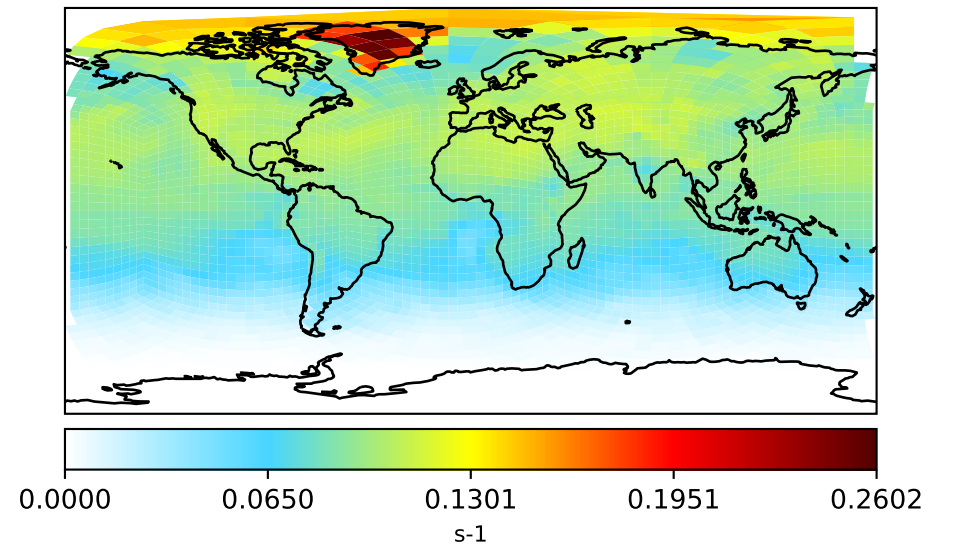


# Jval\_OIO

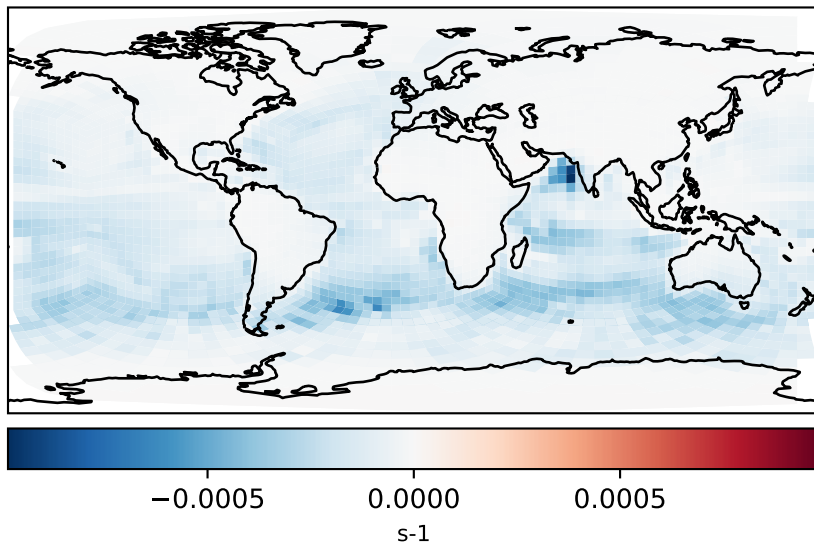
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



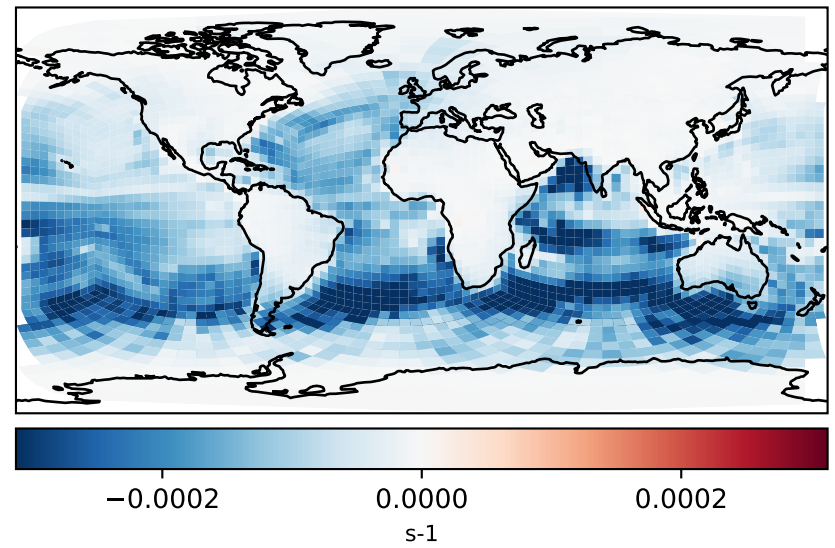
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



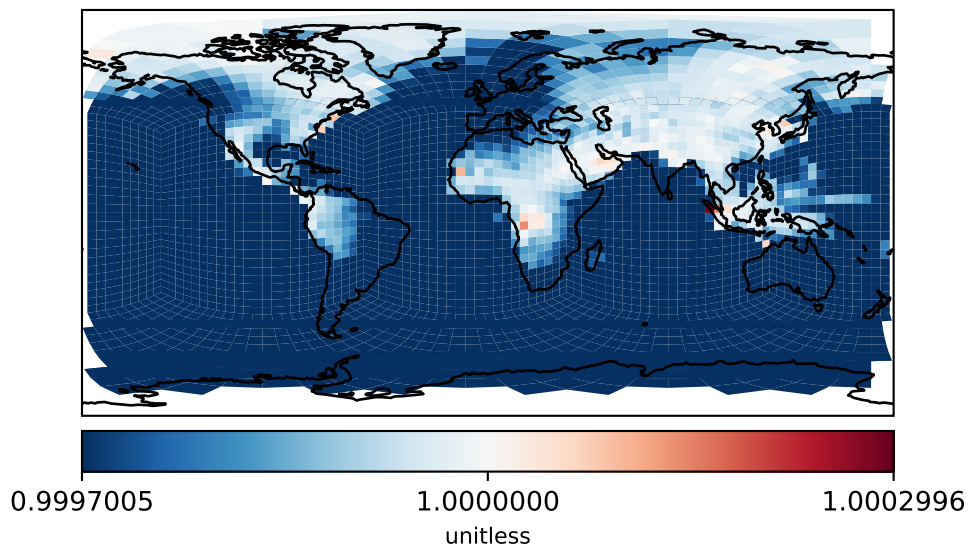
Difference  
Dev - Ref, Dynamic Range



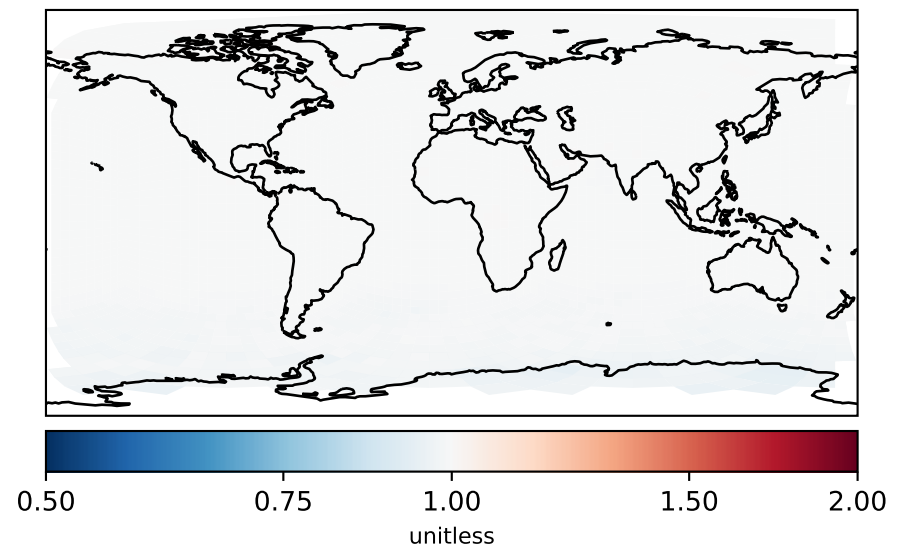
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

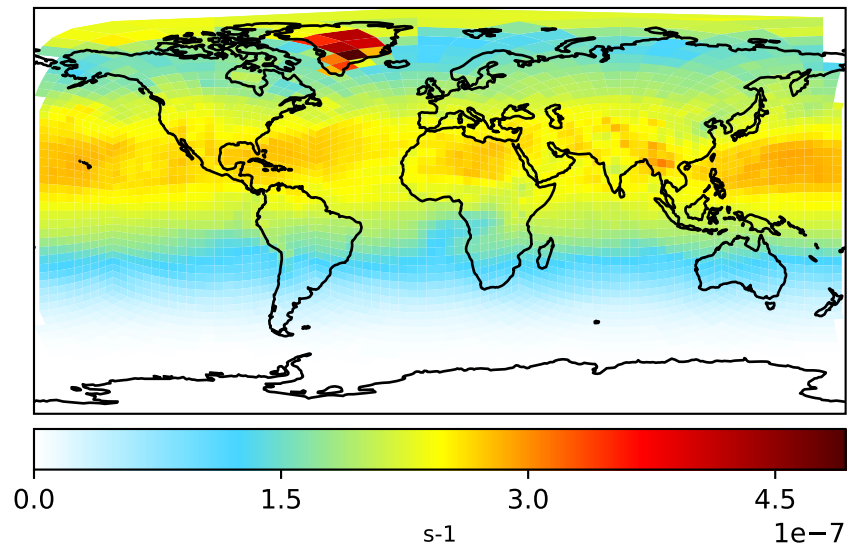


Ratio  
Dev/Ref, Fixed Range

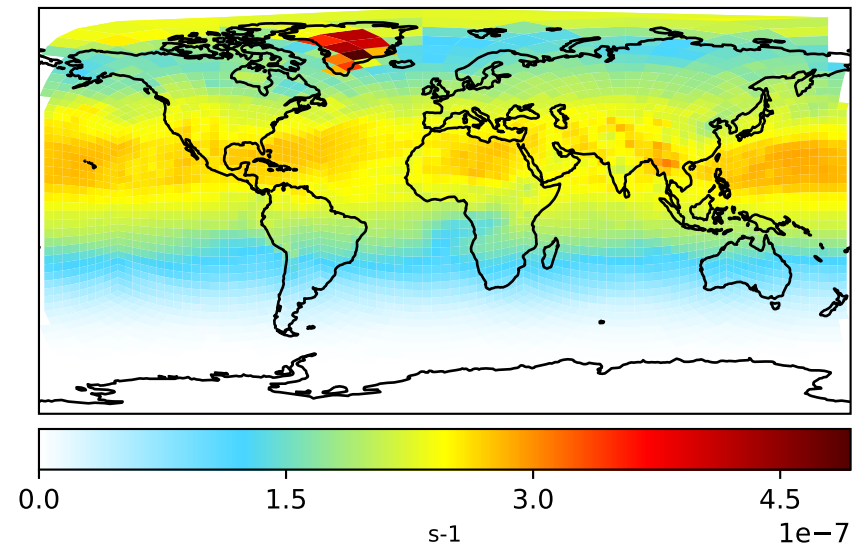


# Jval\_PAN

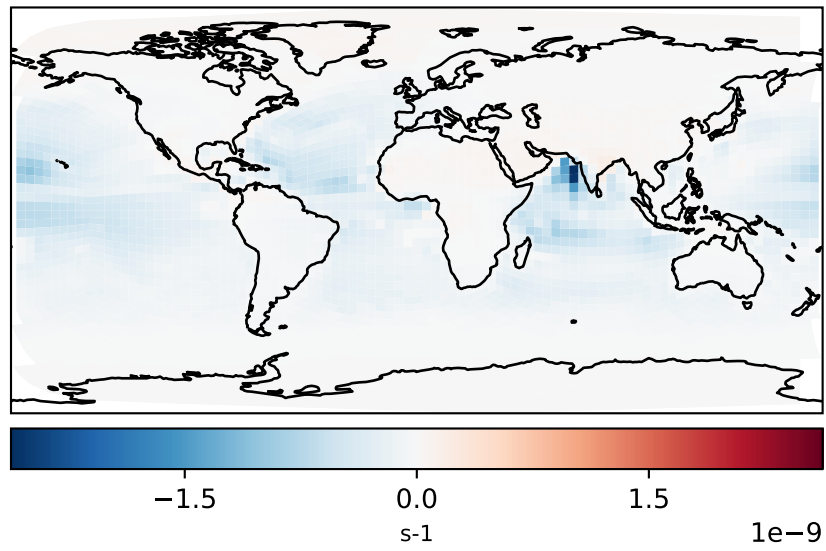
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



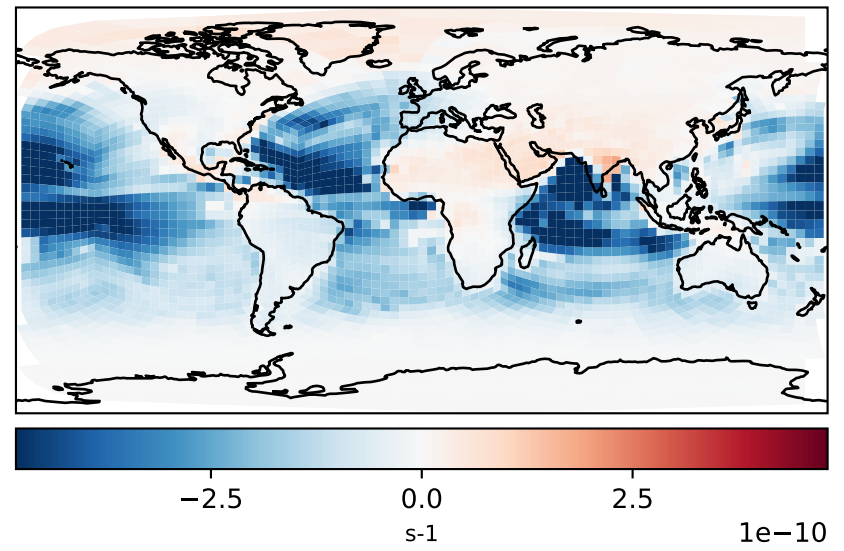
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



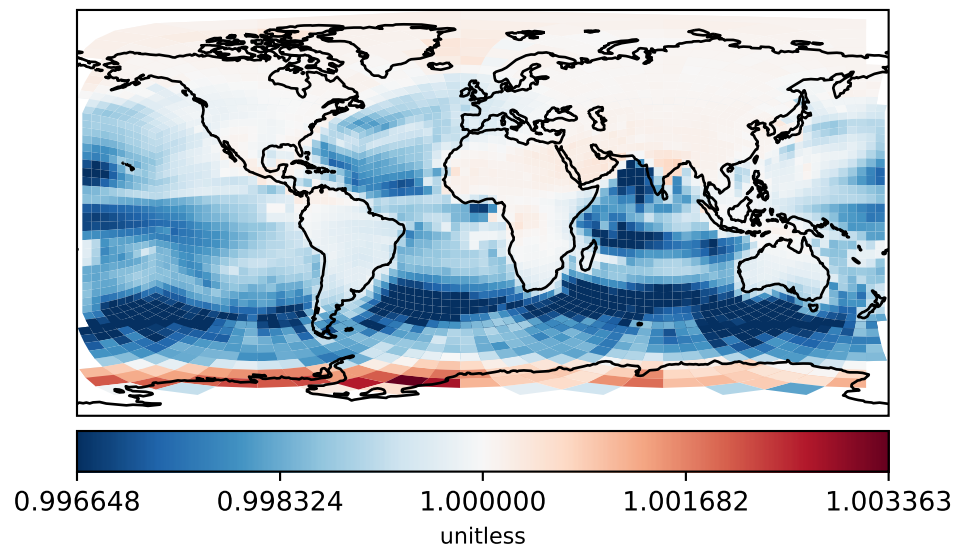
Difference  
Dev - Ref, Dynamic Range



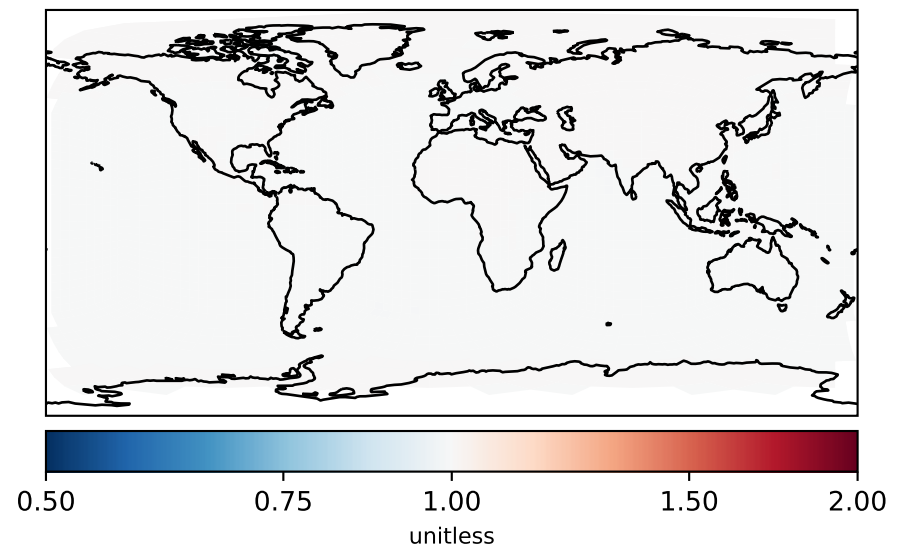
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

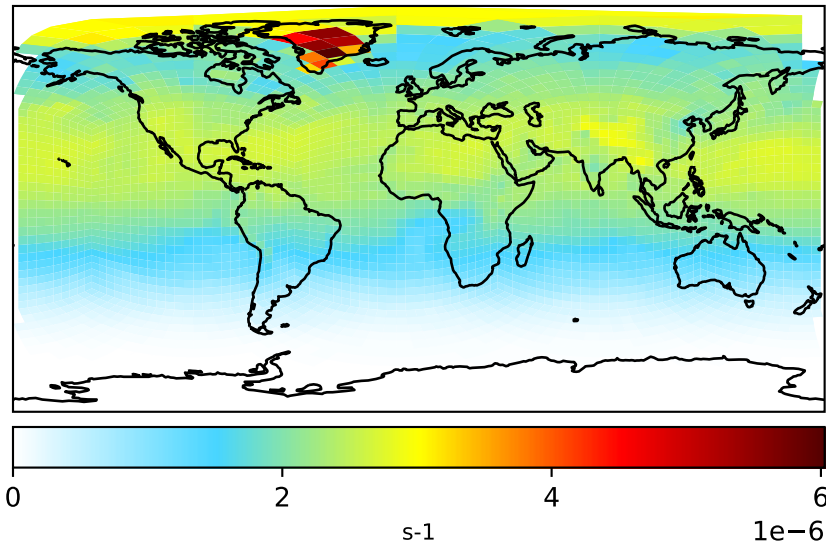


Ratio  
Dev/Ref, Fixed Range

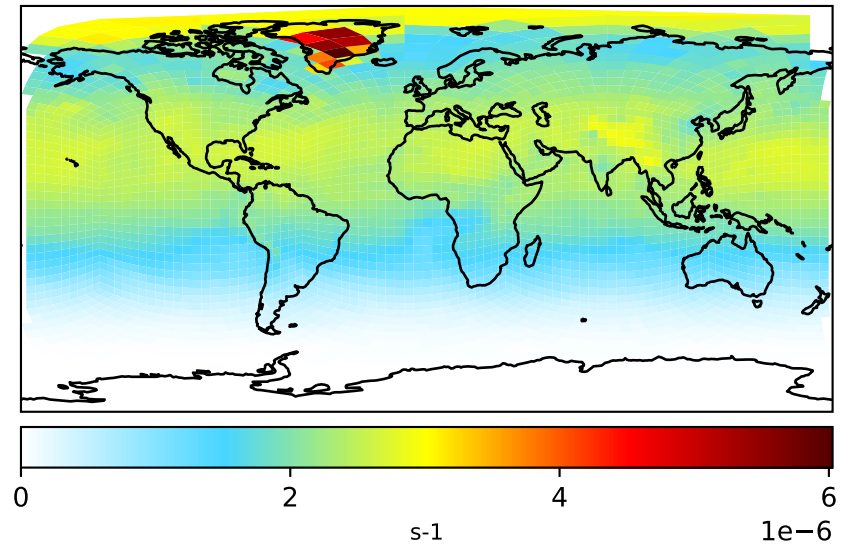


# Jval\_PIP

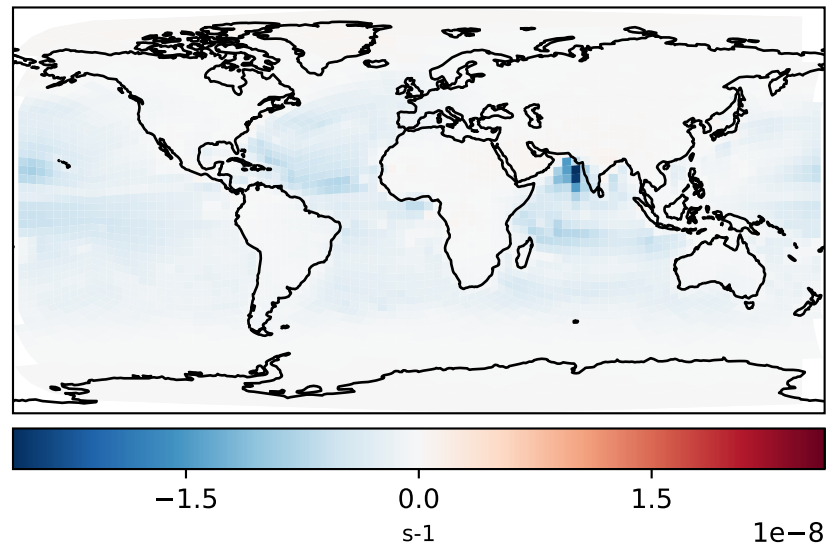
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



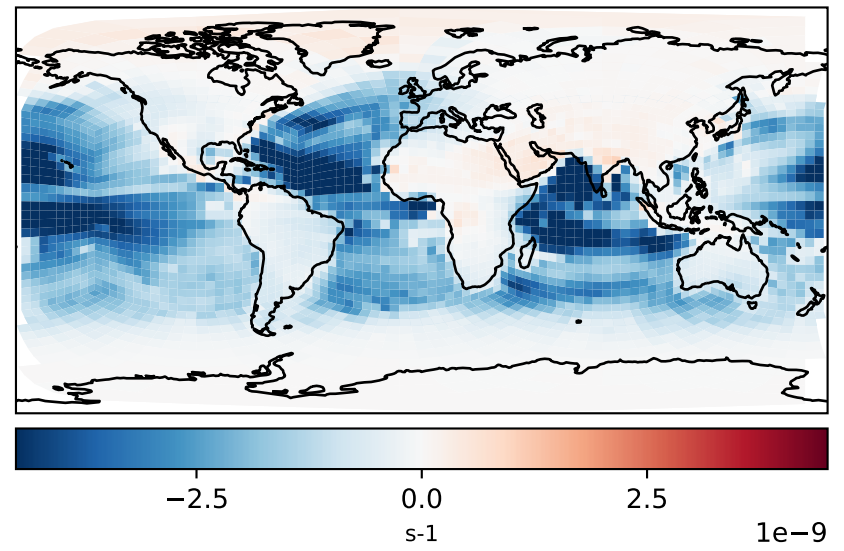
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



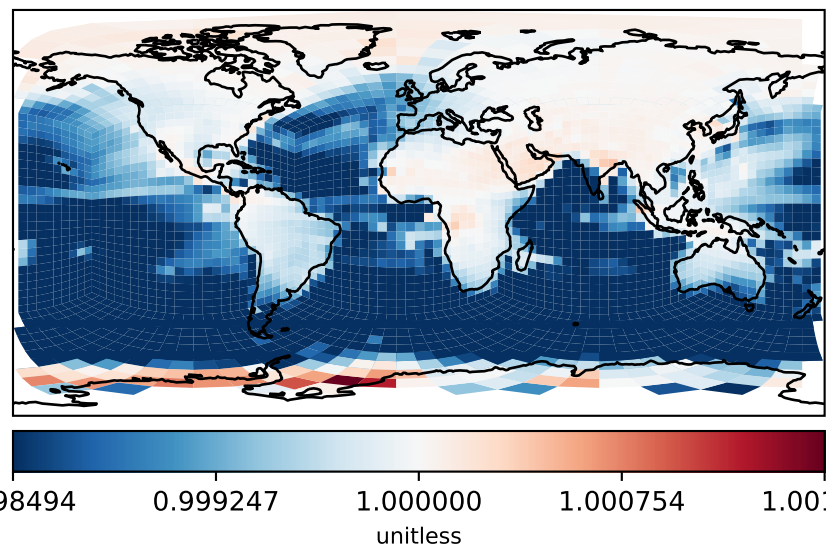
Difference  
Dev - Ref, Dynamic Range



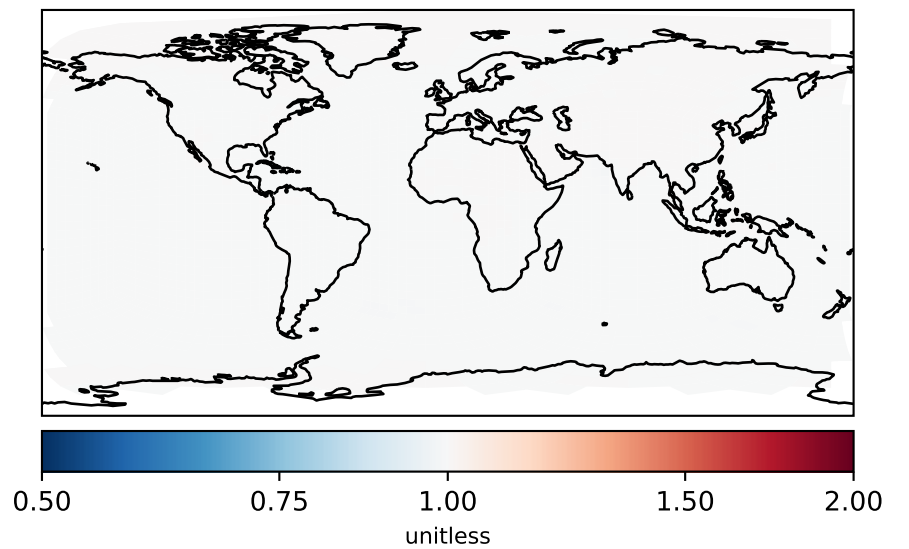
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



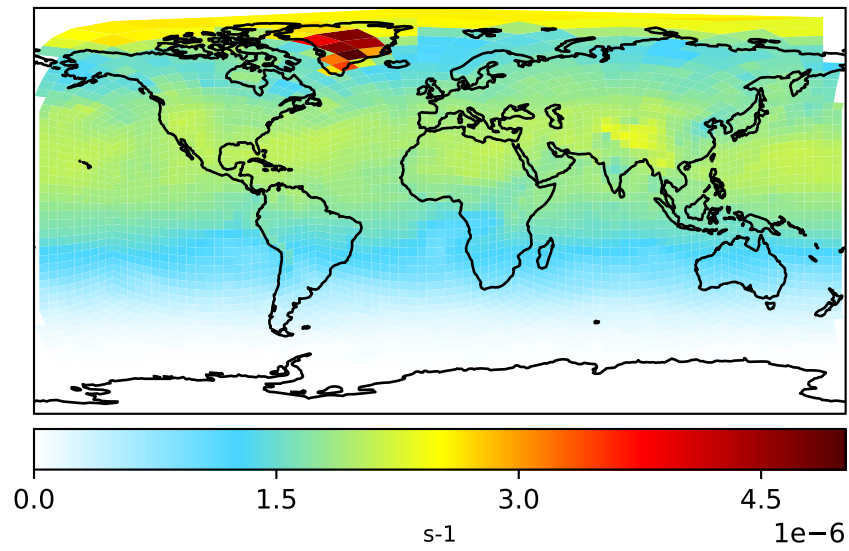
Ratio  
Dev/Ref, Fixed Range



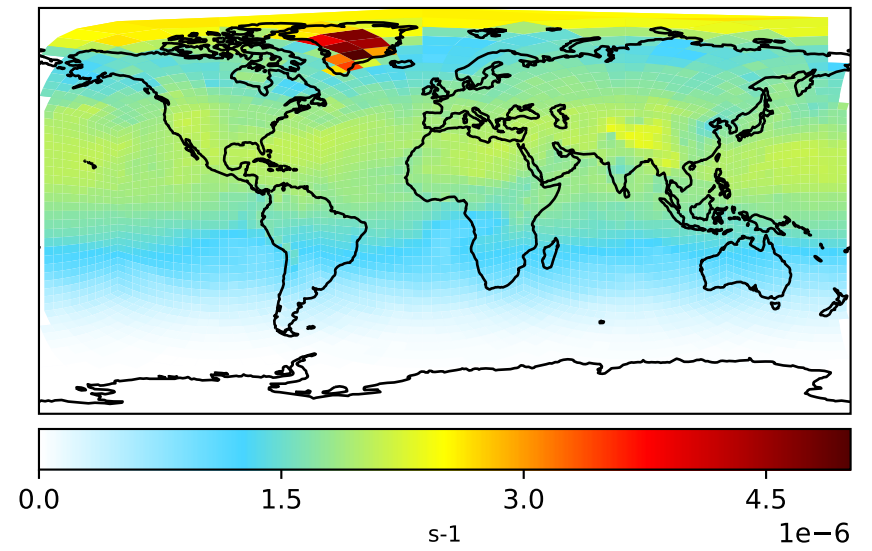


# Jval\_PP

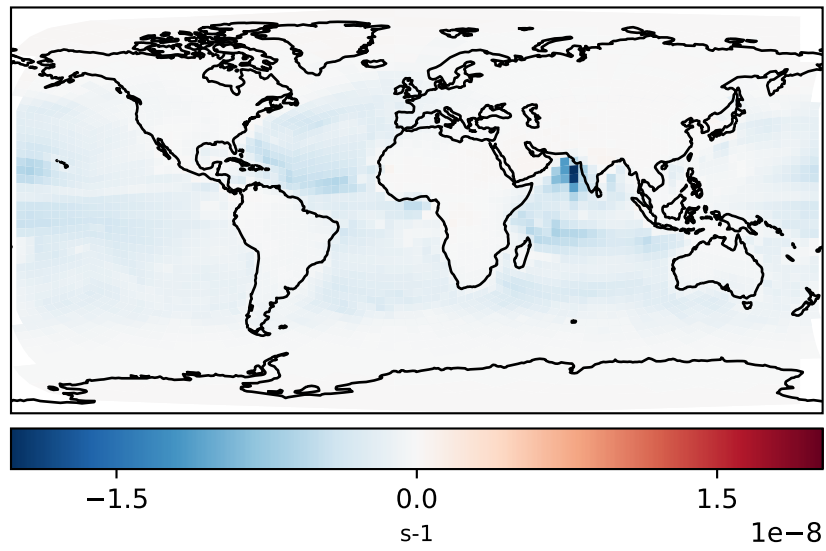
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



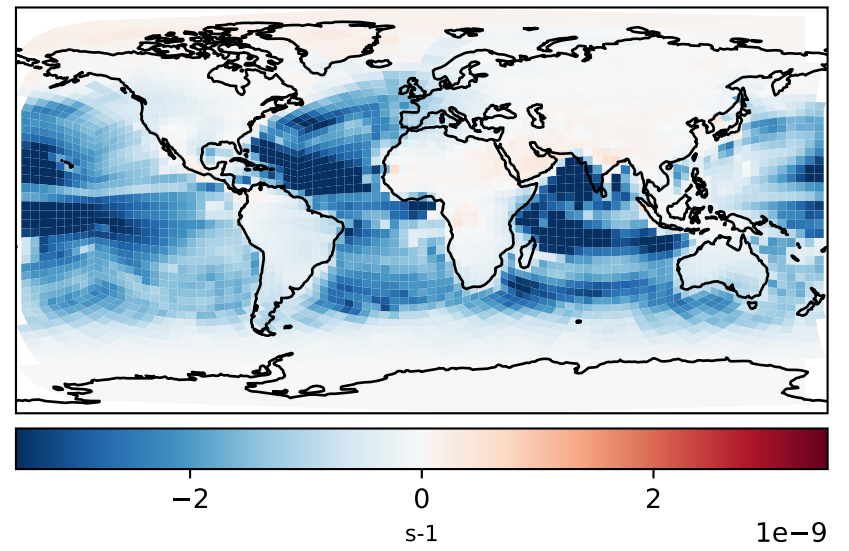
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



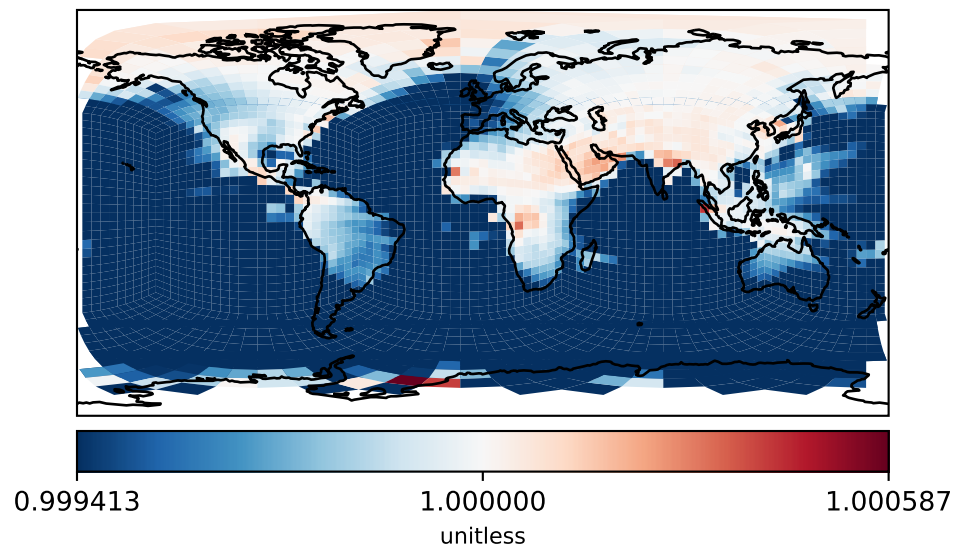
Difference  
Dev - Ref, Dynamic Range



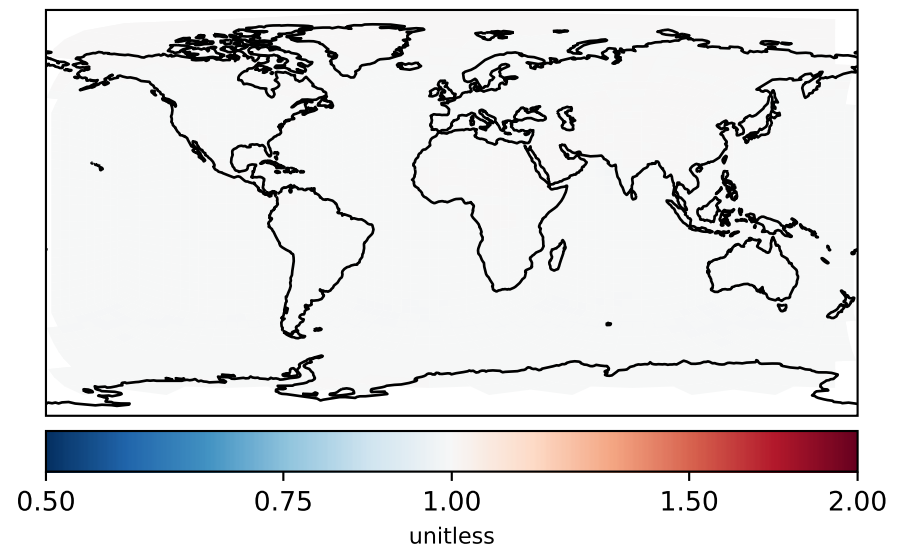
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

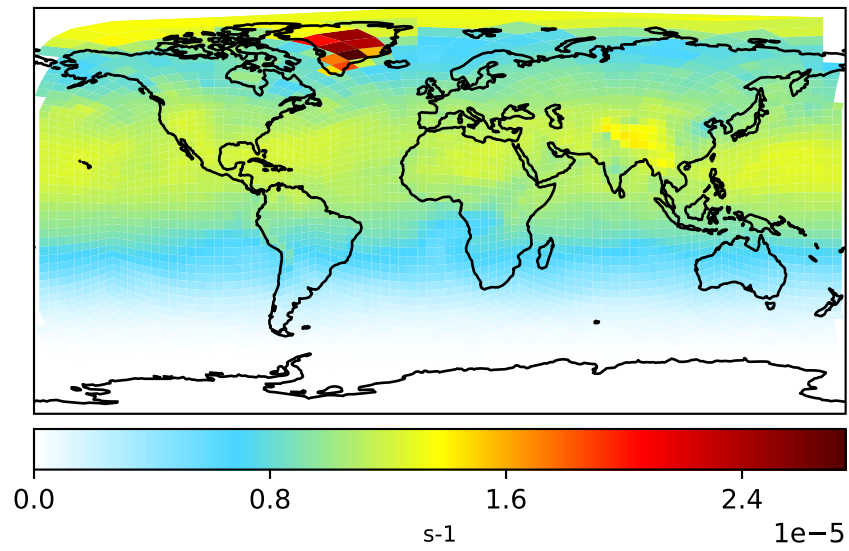


Ratio  
Dev/Ref, Fixed Range

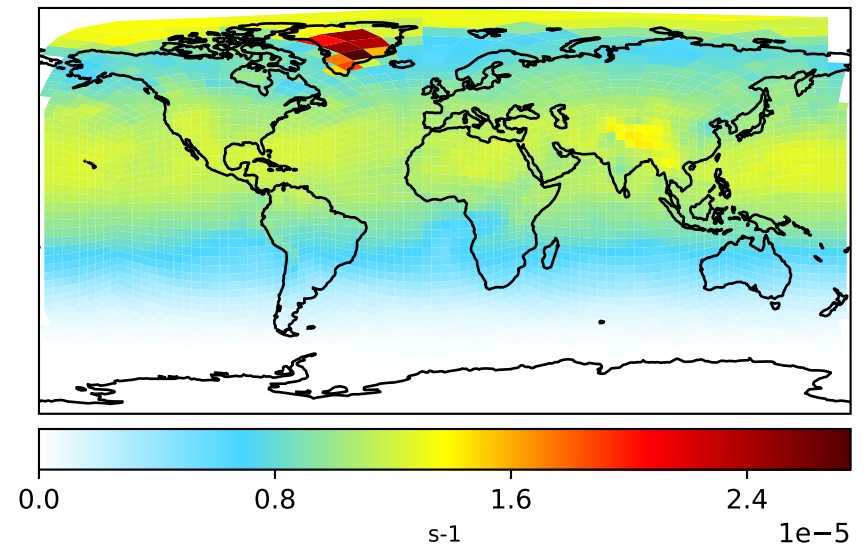


# Jval\_PROPNN

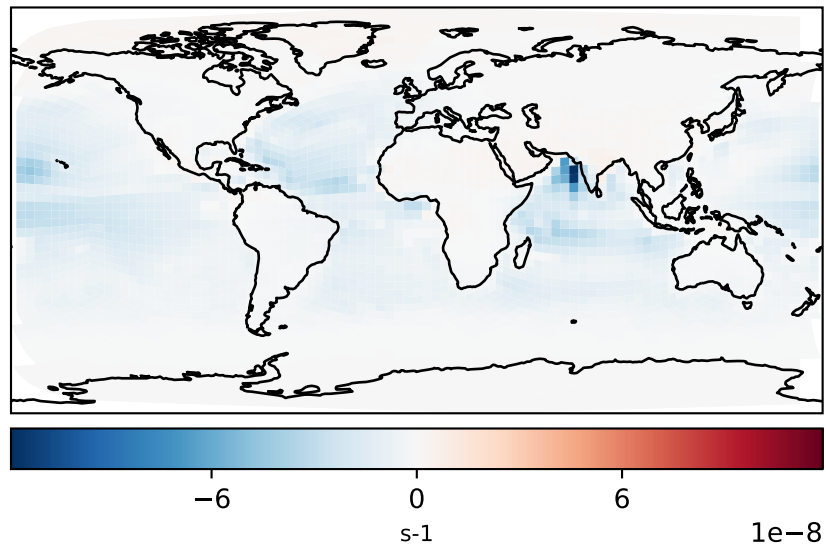
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



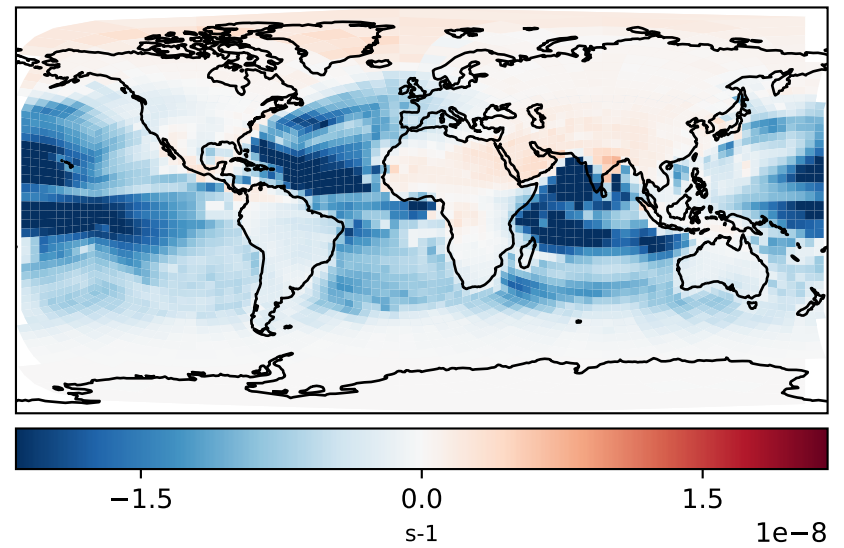
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



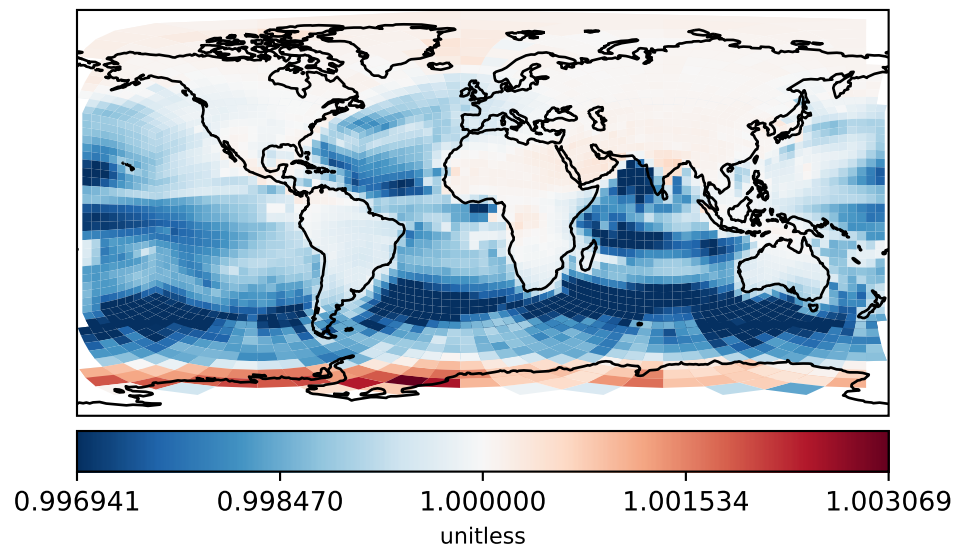
Difference  
Dev - Ref, Dynamic Range



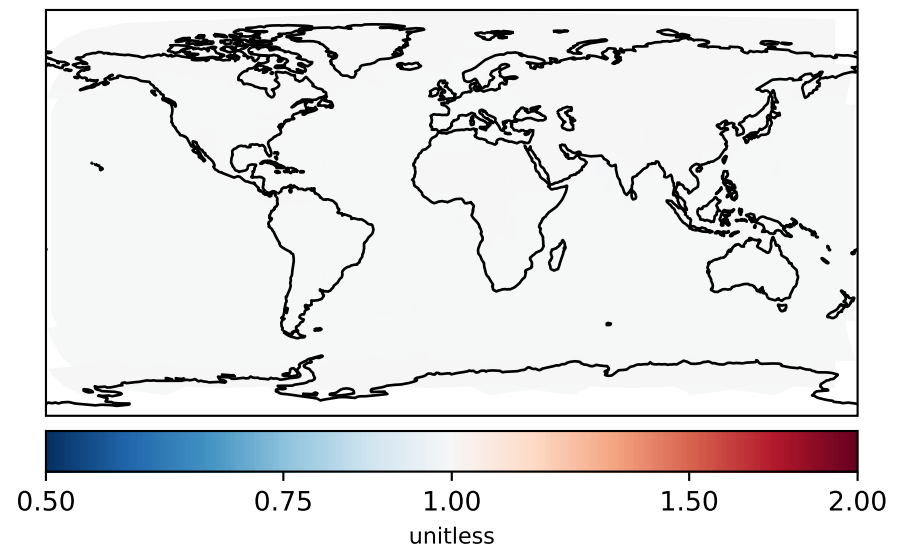
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

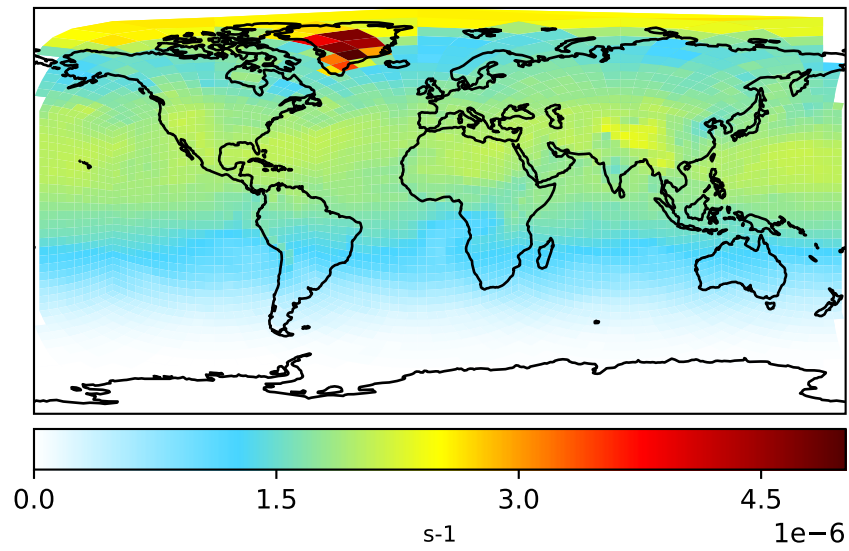


Ratio  
Dev/Ref, Fixed Range

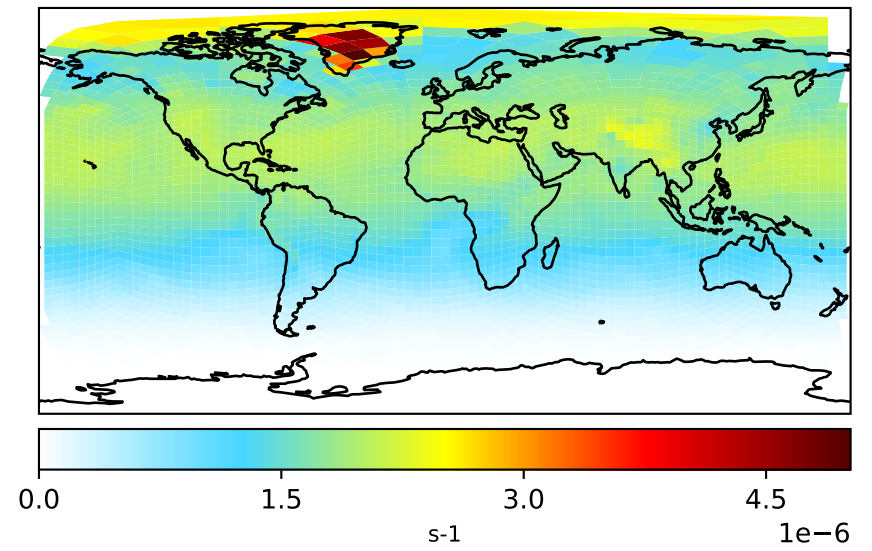


# Jval\_PRPN

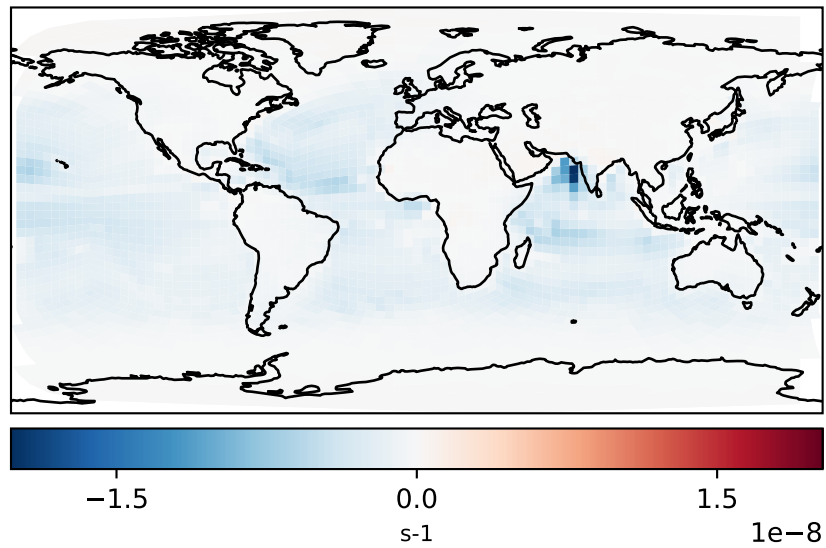
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



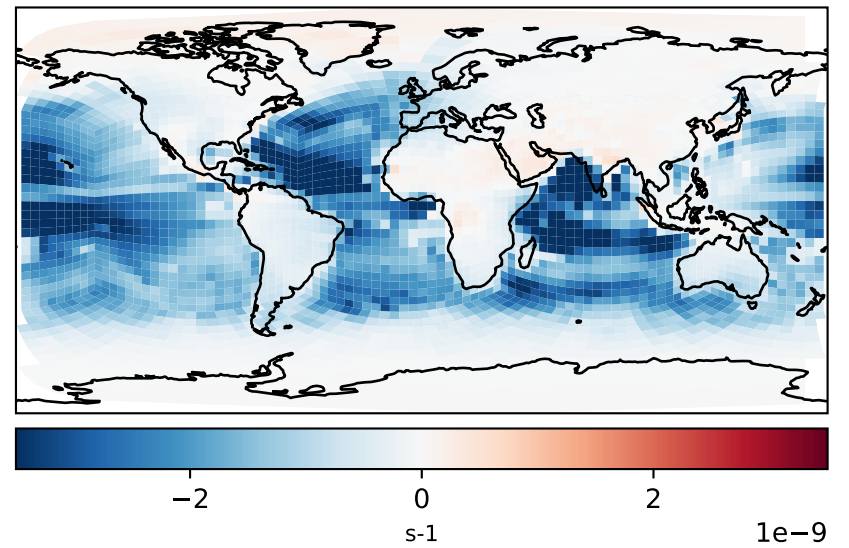
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



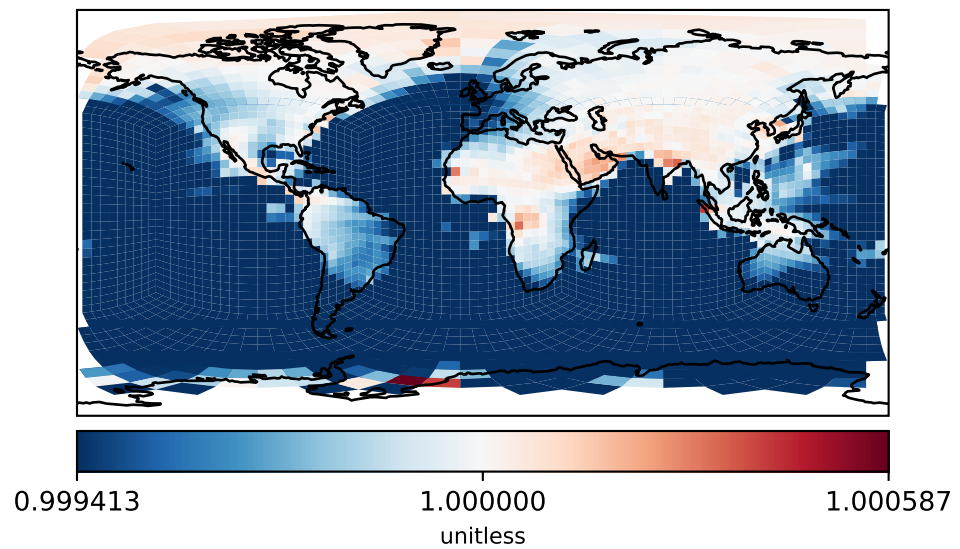
Difference  
Dev - Ref, Dynamic Range



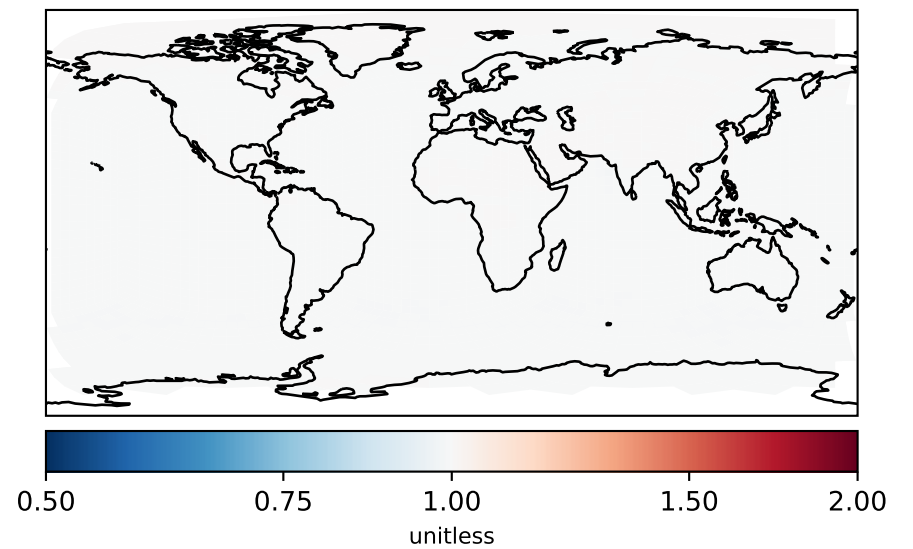
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

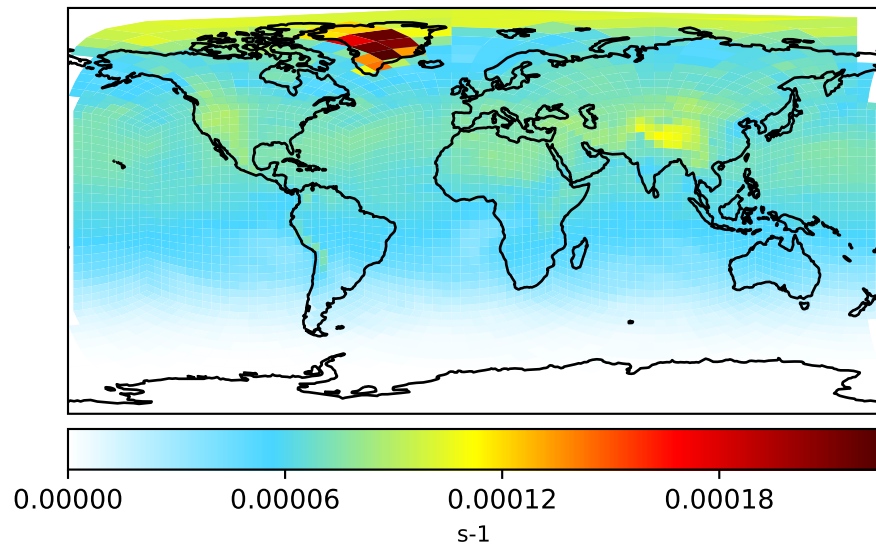


Ratio  
Dev/Ref, Fixed Range

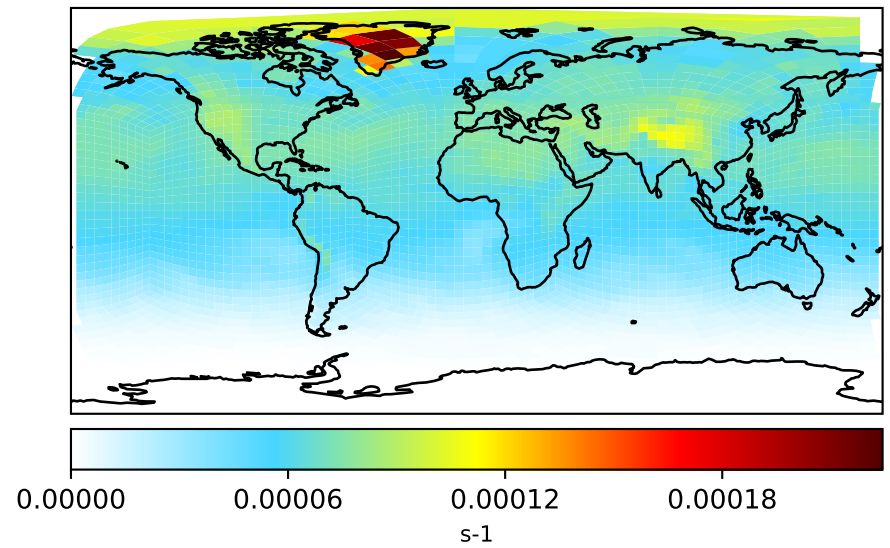


# Jval\_PYAC

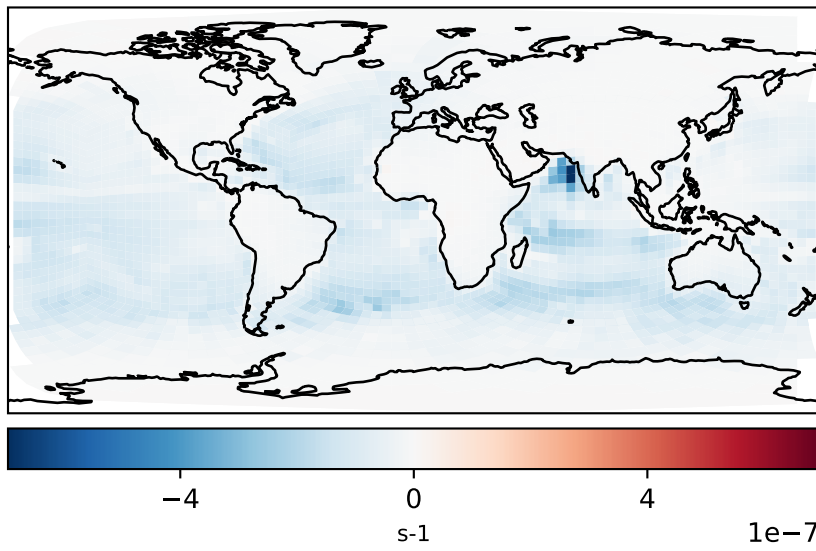
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



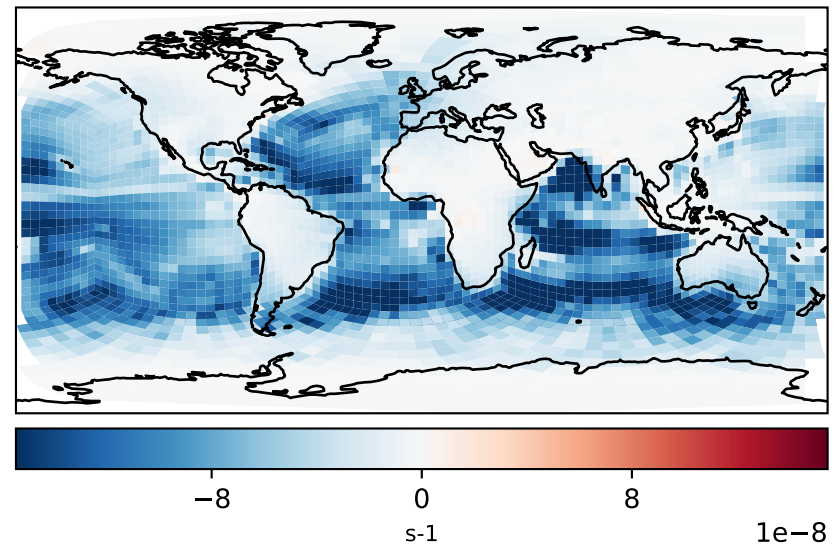
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



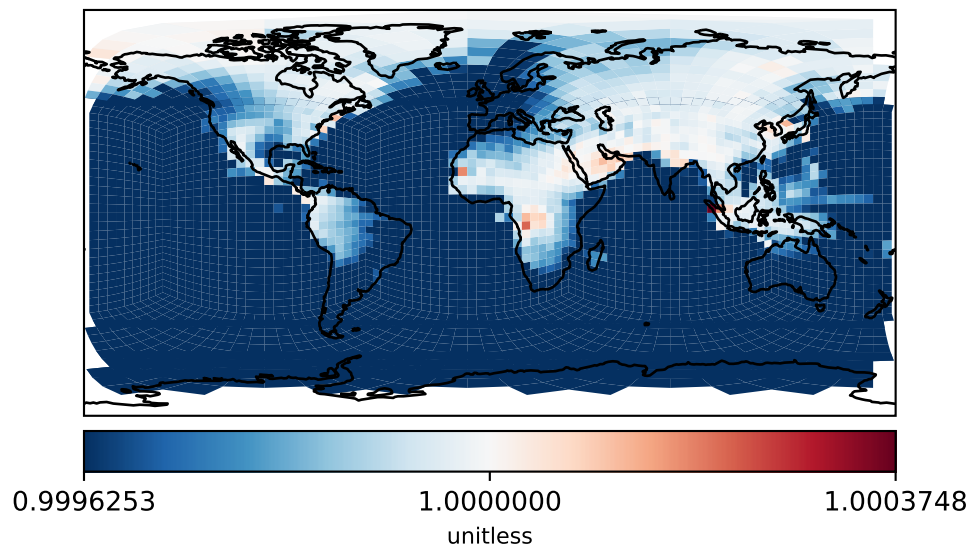
Difference  
Dev - Ref, Dynamic Range



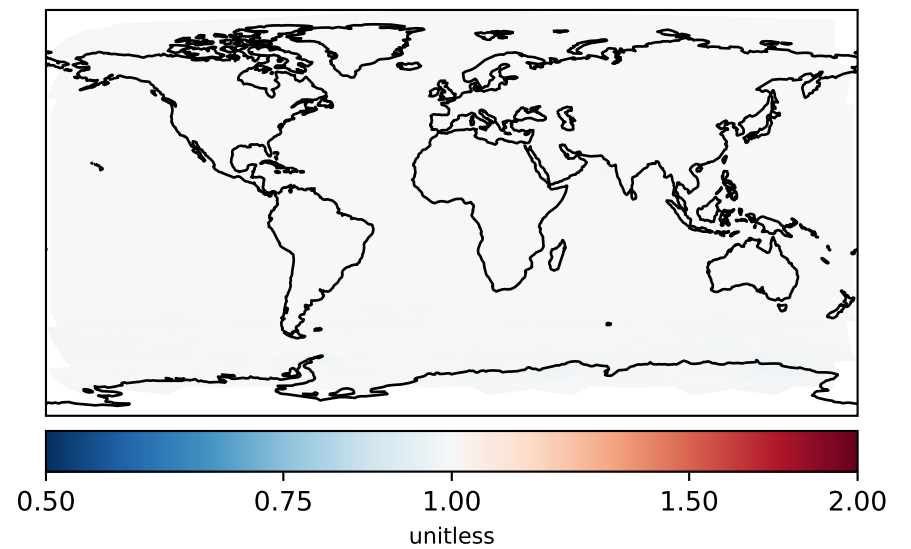
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

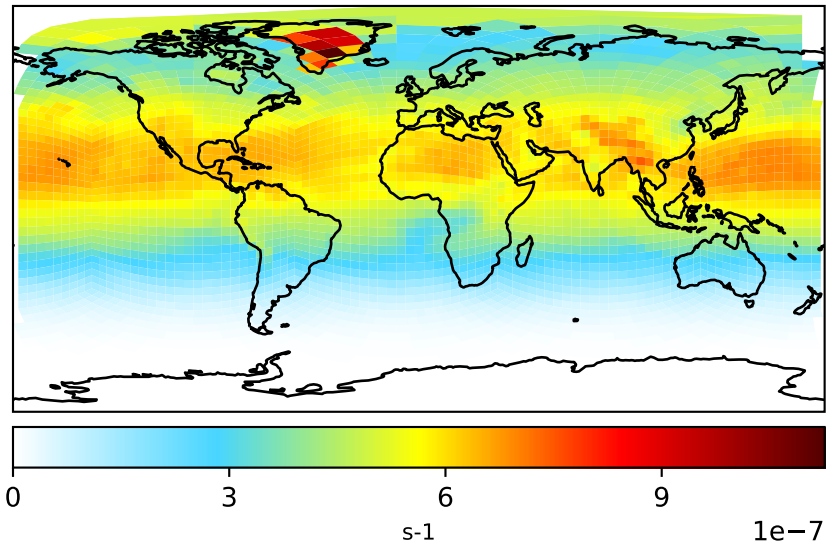


Ratio  
Dev/Ref, Fixed Range

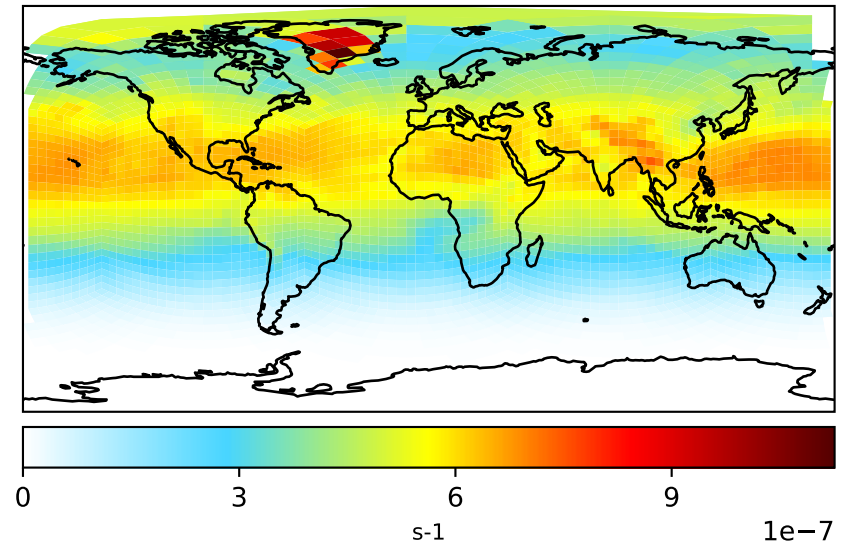


# Jval\_R4N2

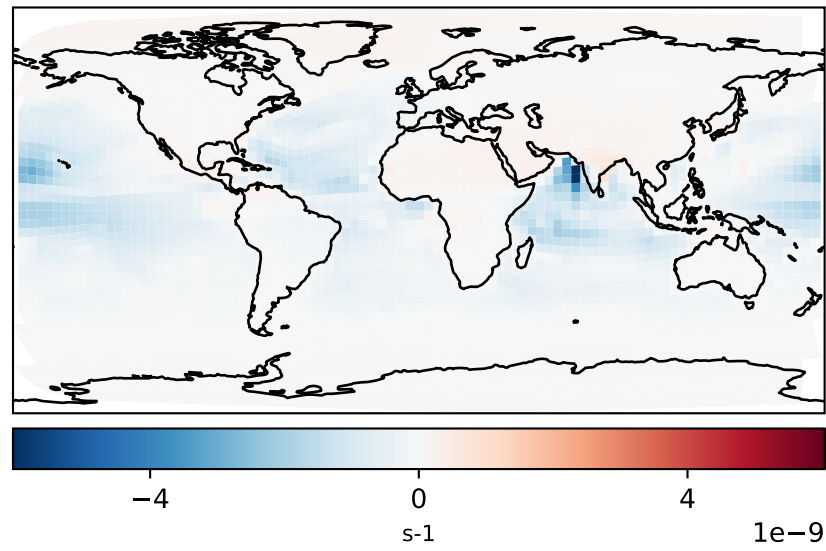
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



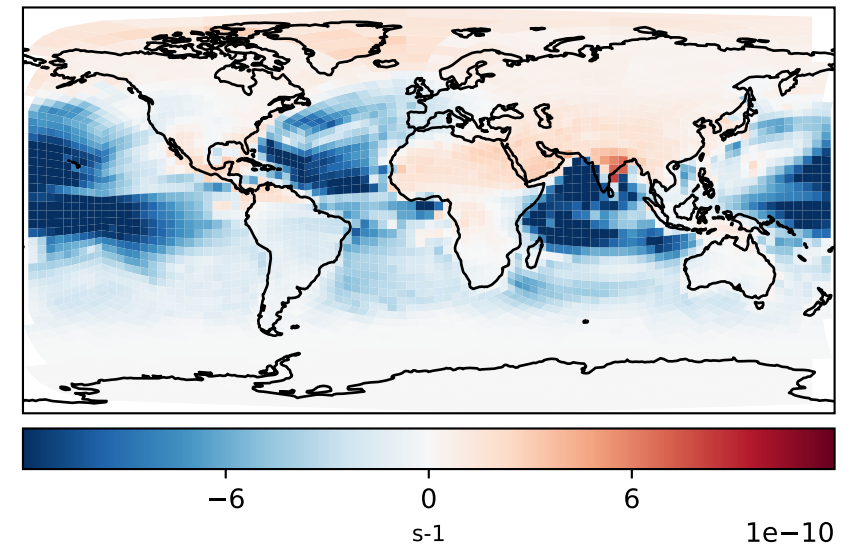
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



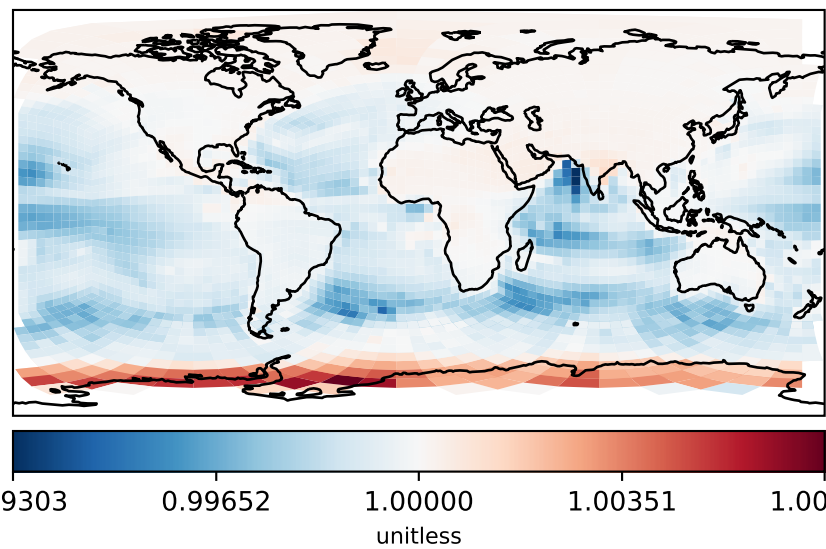
Difference  
Dev - Ref, Dynamic Range



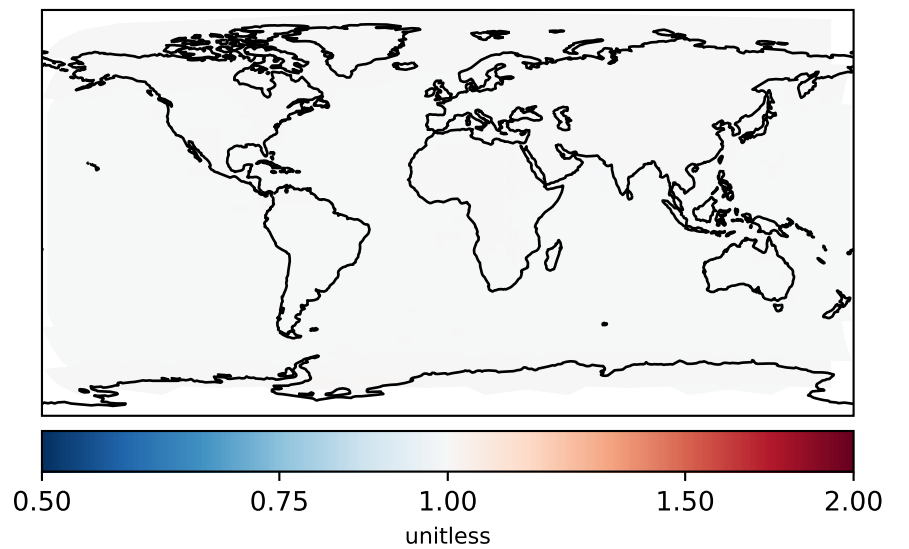
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

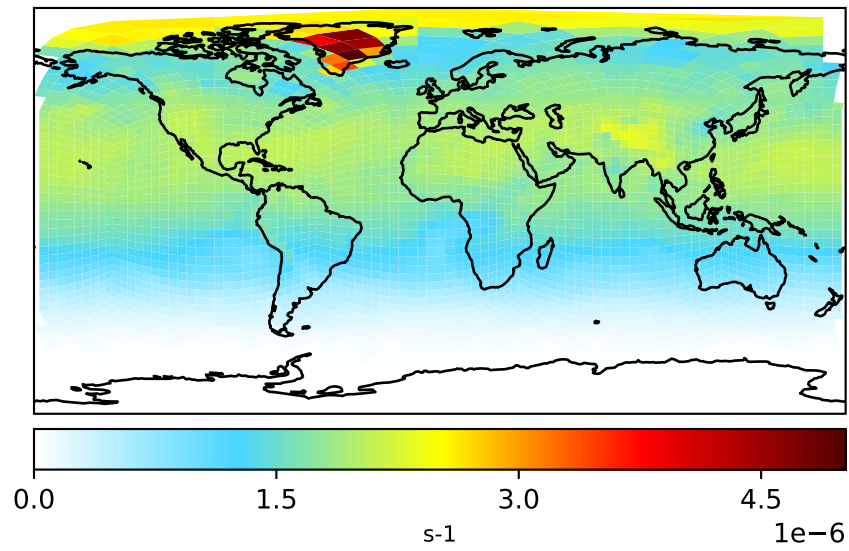


Ratio  
Dev/Ref, Fixed Range

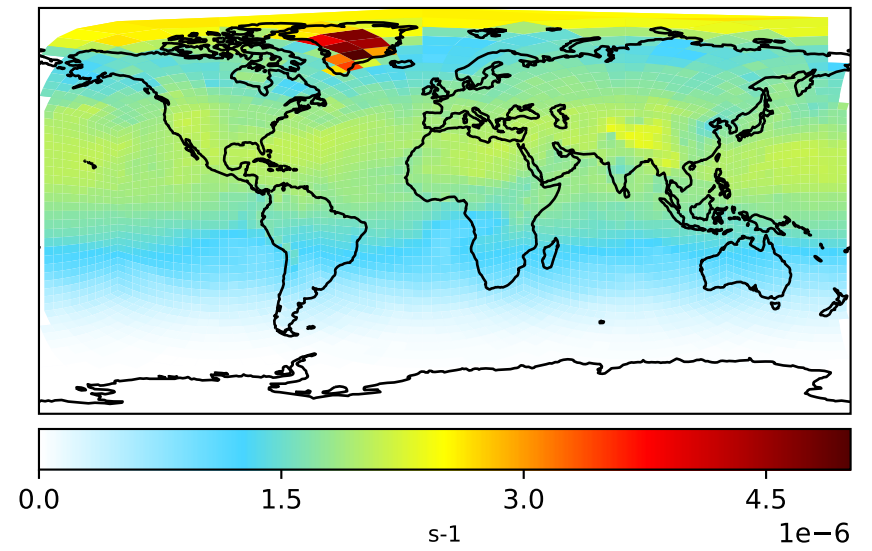


# Jval\_R4P

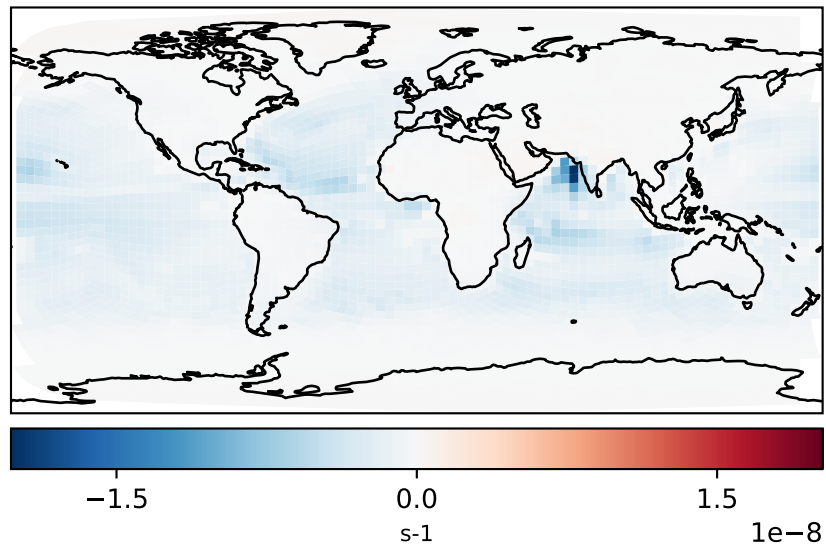
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



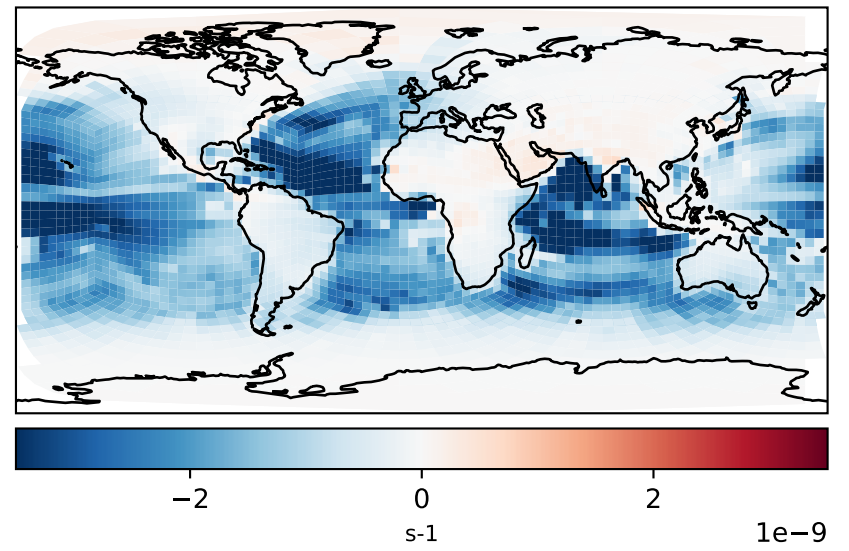
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



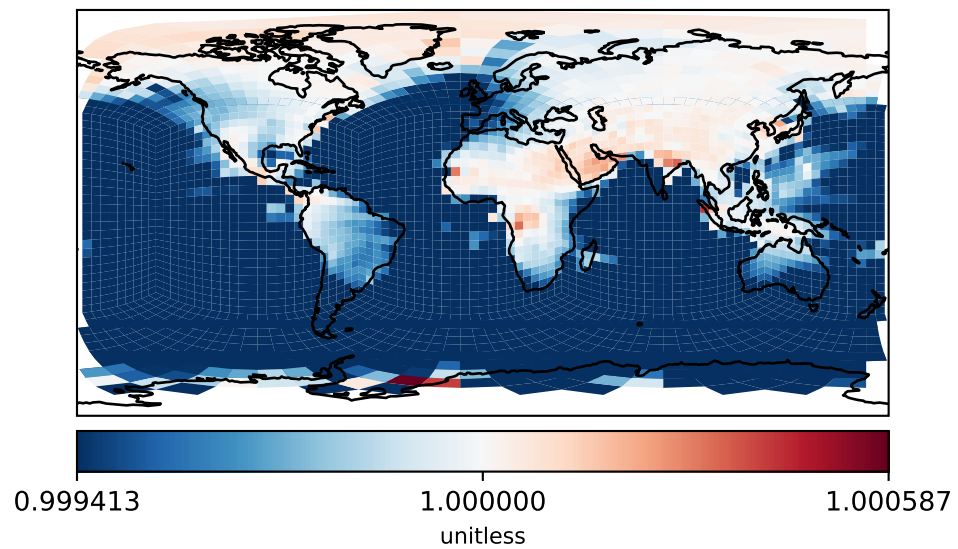
Difference  
Dev - Ref, Dynamic Range



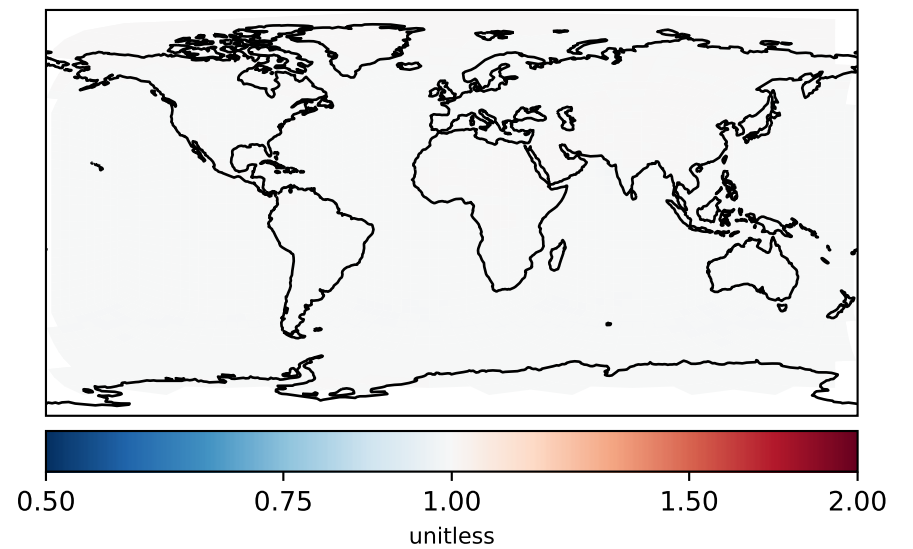
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

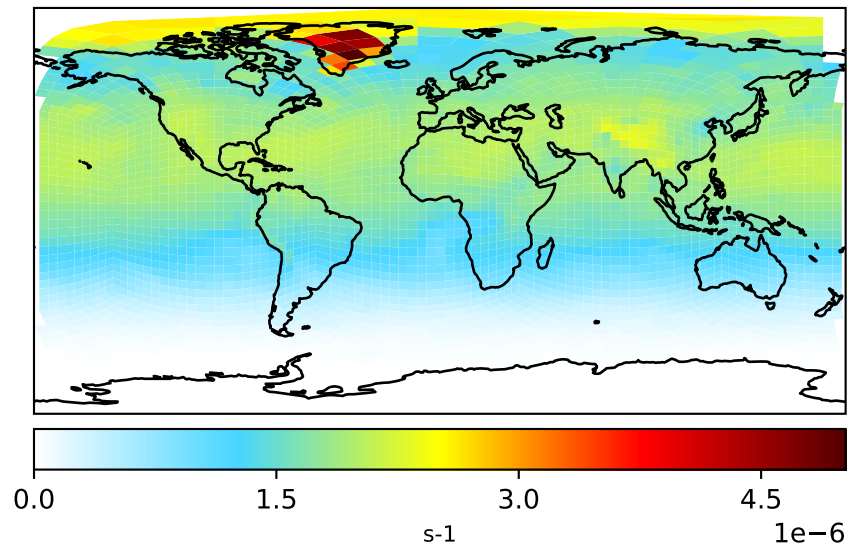


Ratio  
Dev/Ref, Fixed Range

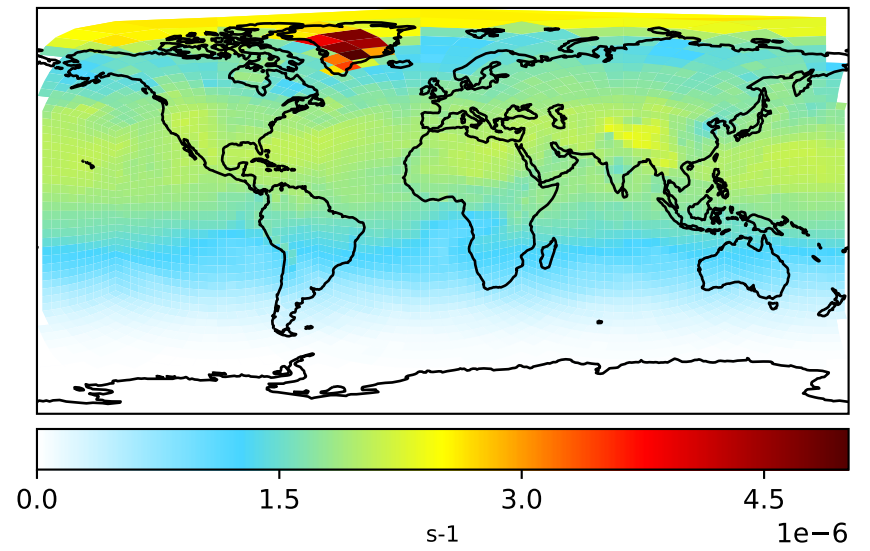


# Jval\_RA3P

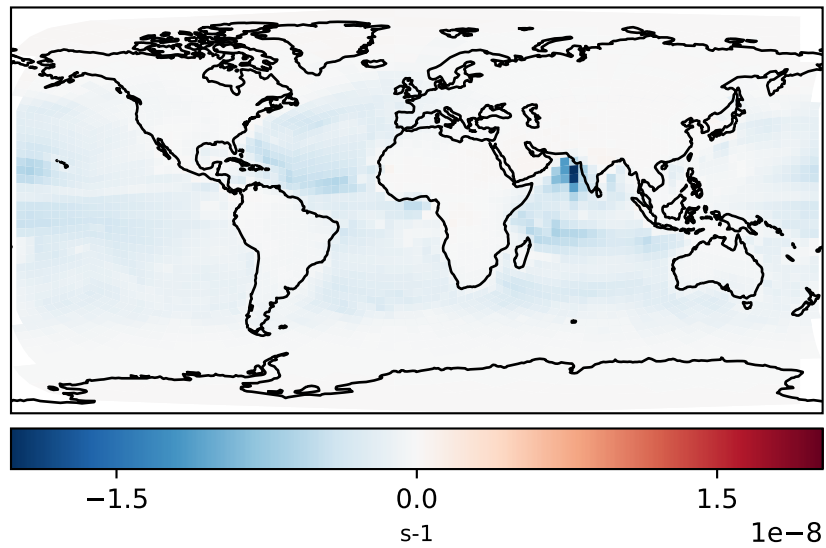
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



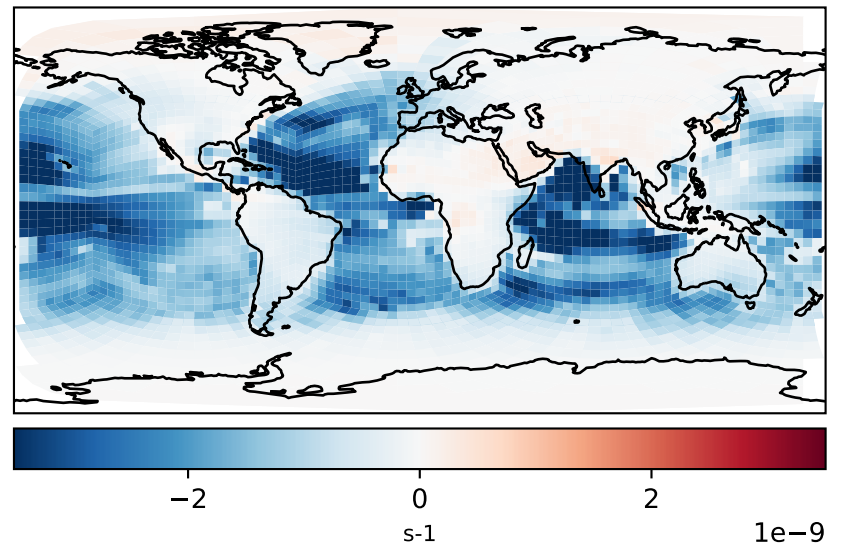
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



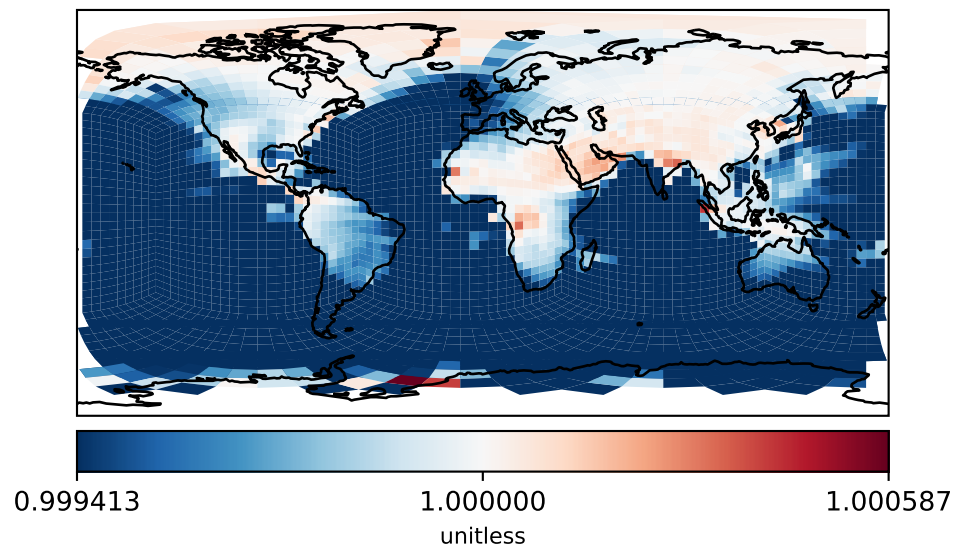
Difference  
Dev - Ref, Dynamic Range



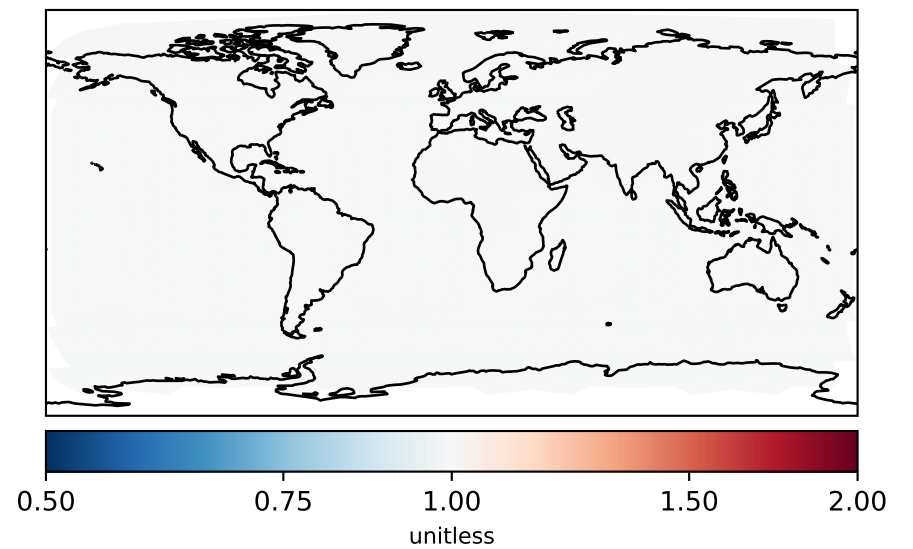
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

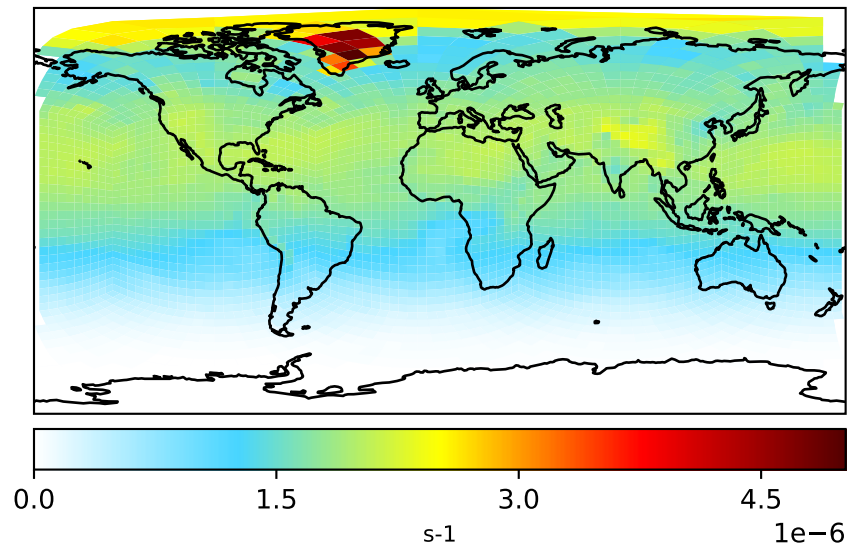


Ratio  
Dev/Ref, Fixed Range

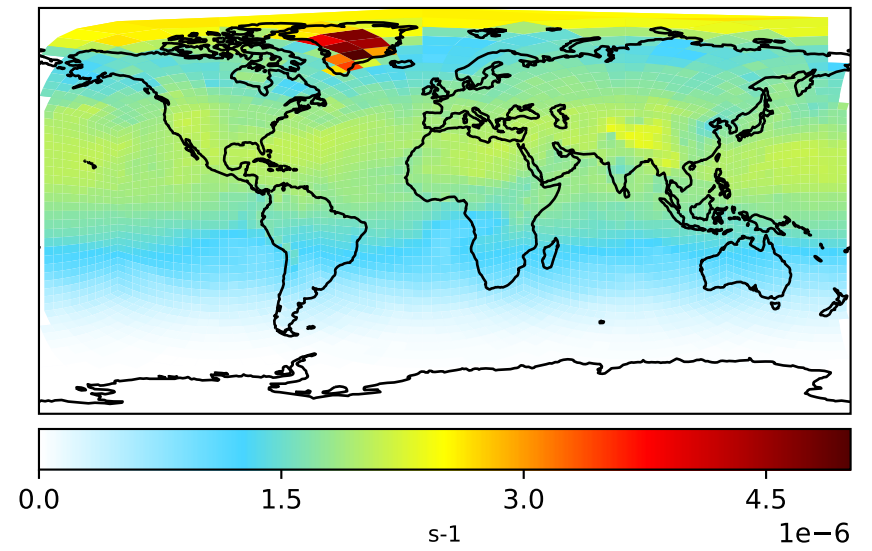


# Jval\_RB3P

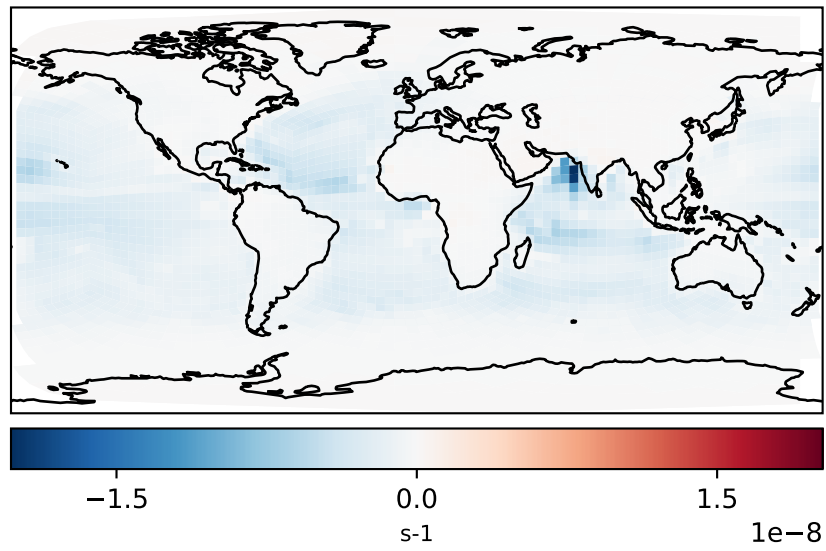
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



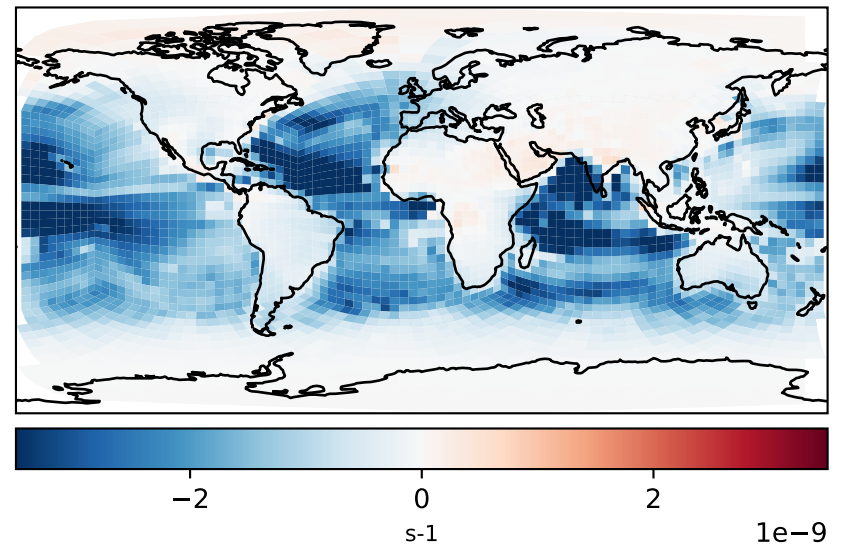
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



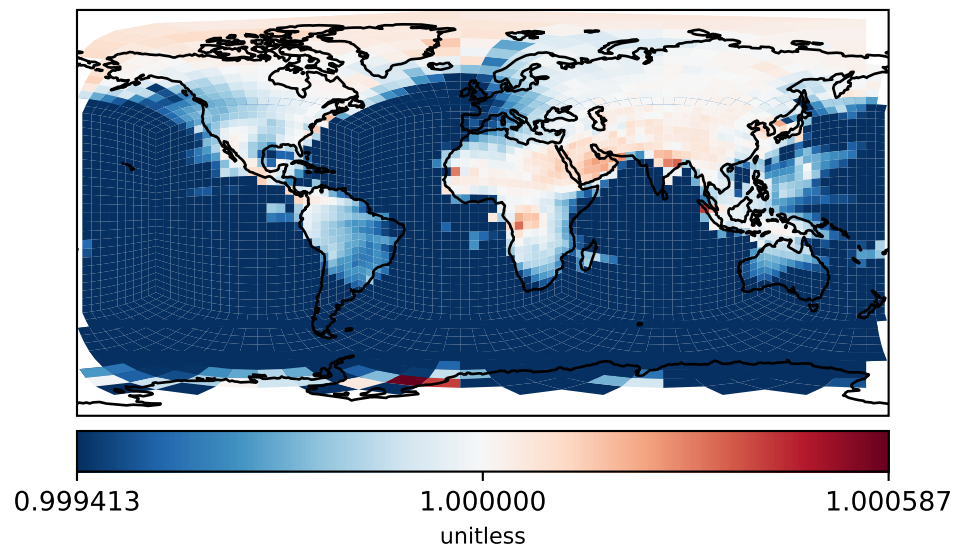
Difference  
Dev - Ref, Dynamic Range



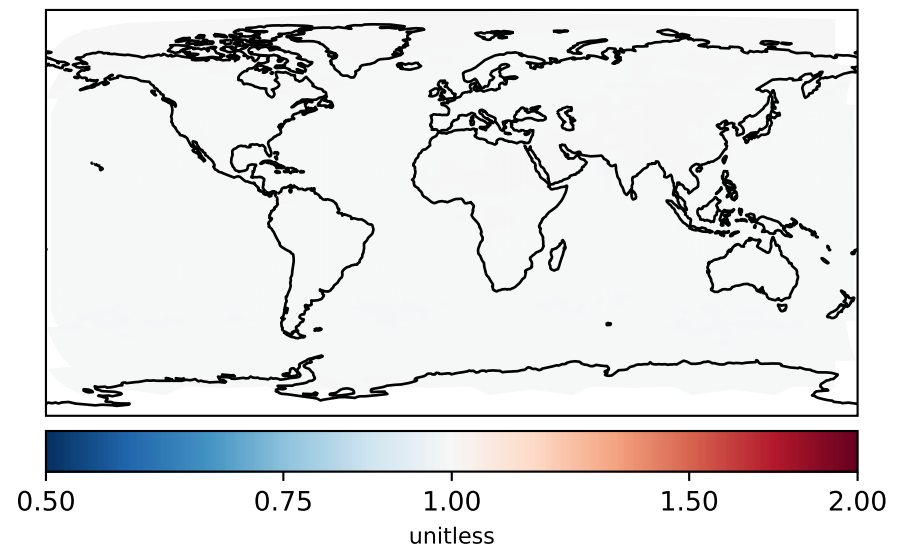
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



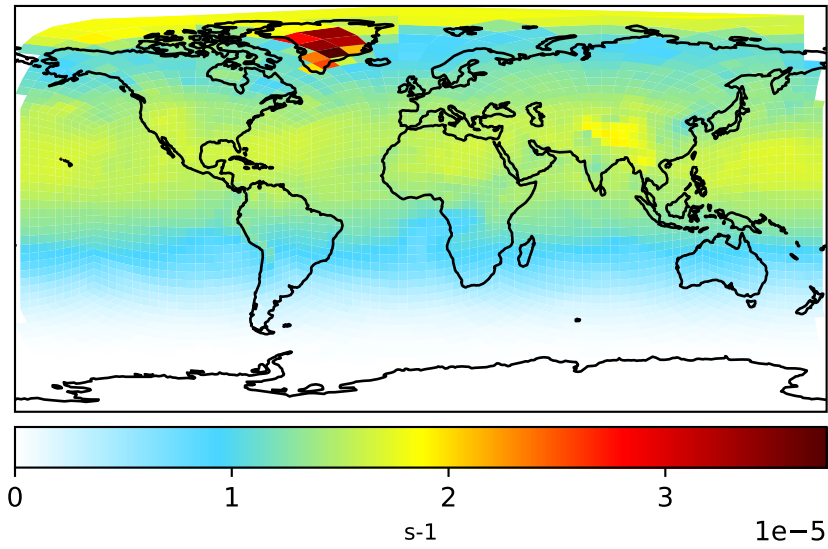
Ratio  
Dev/Ref, Fixed Range



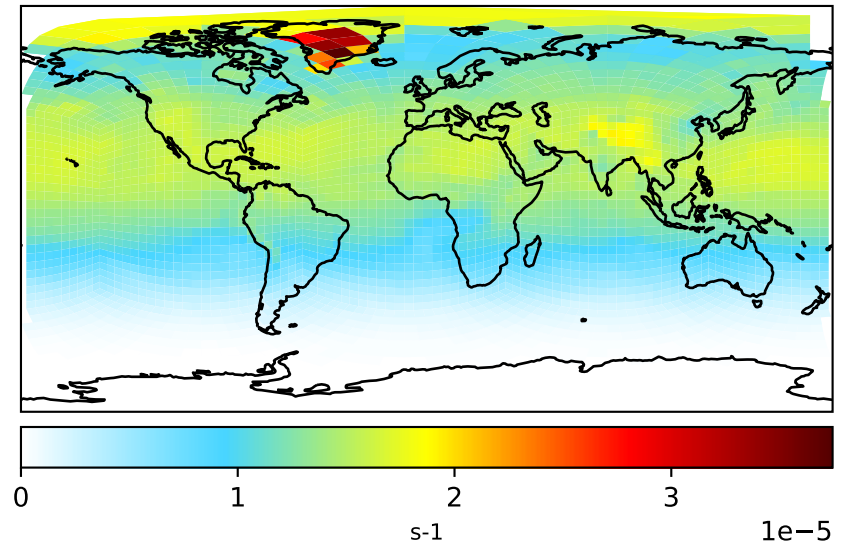


# Jval\_RCHO

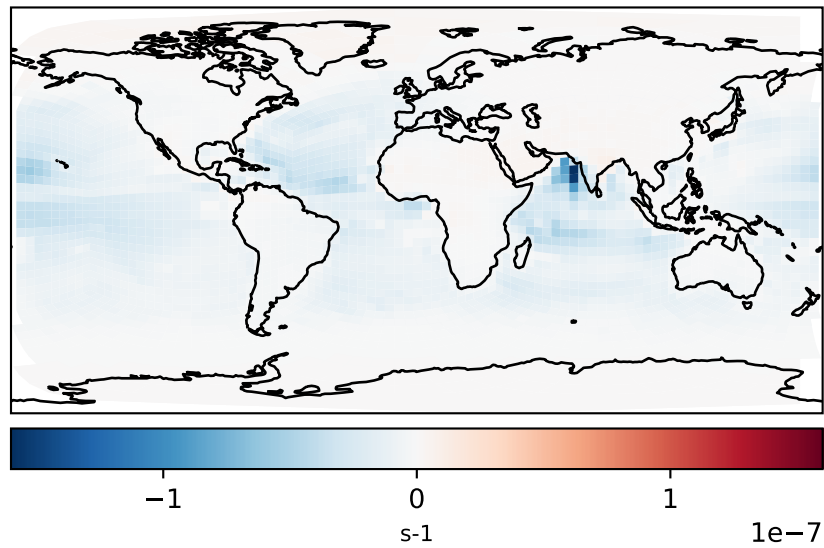
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



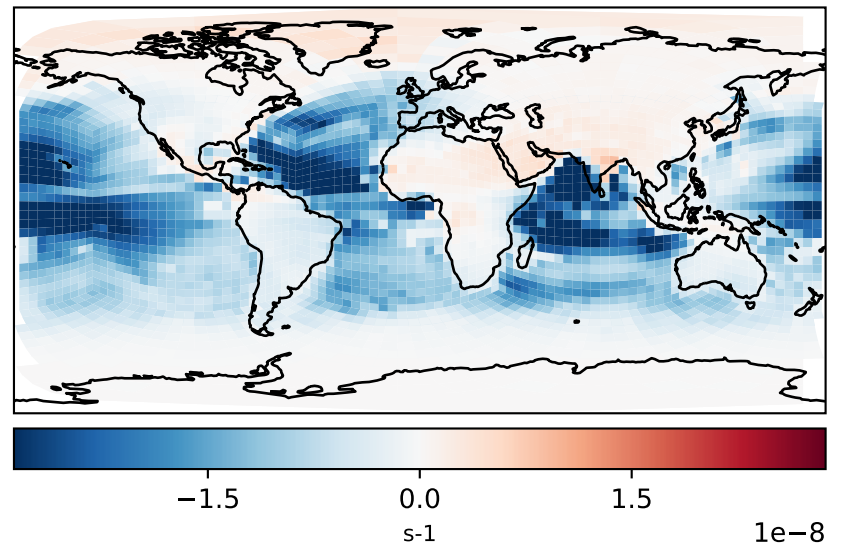
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



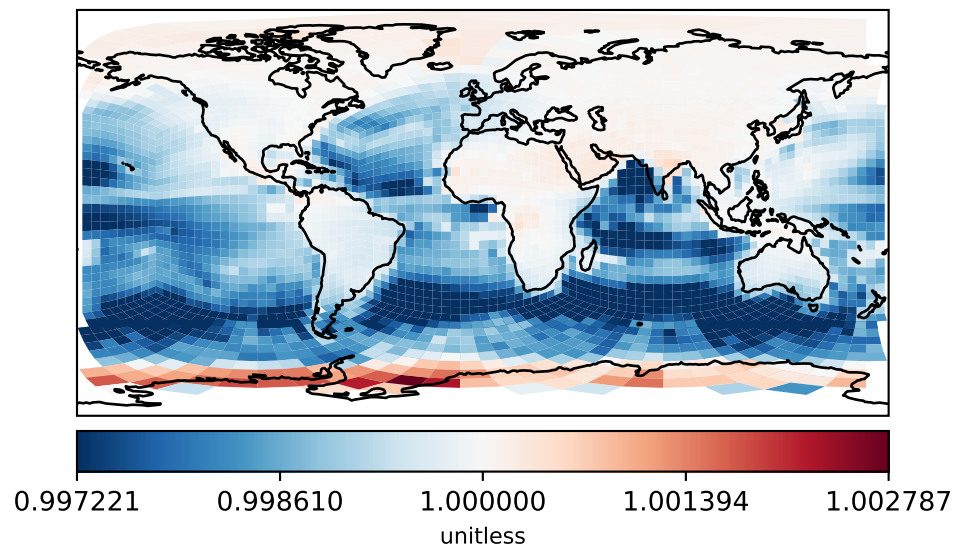
Difference  
Dev - Ref, Dynamic Range



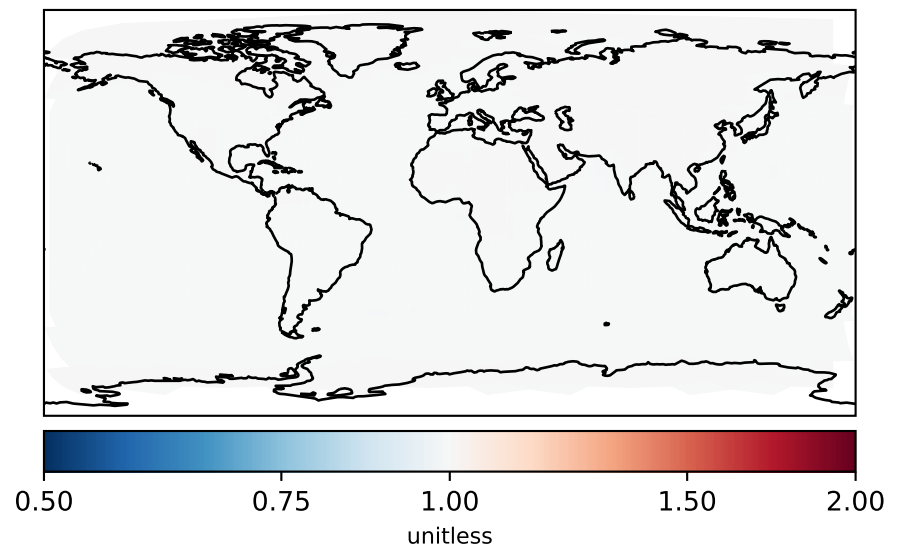
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

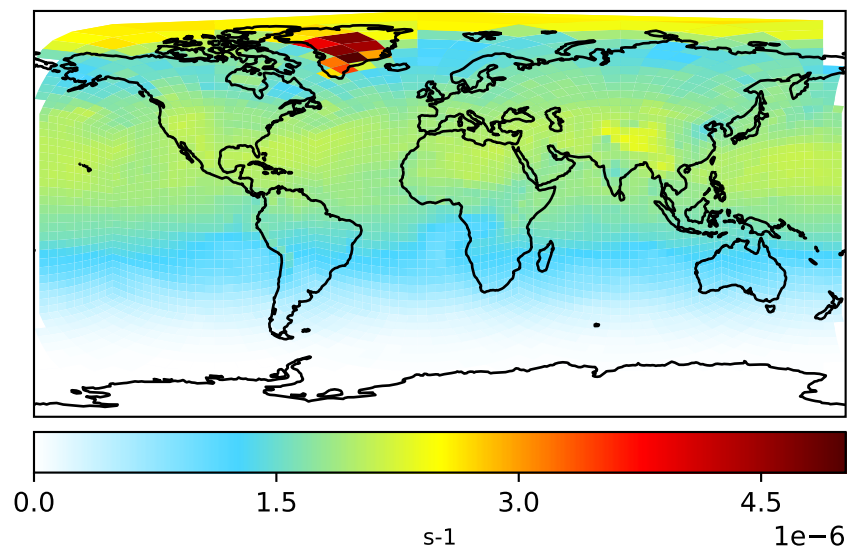


Ratio  
Dev/Ref, Fixed Range

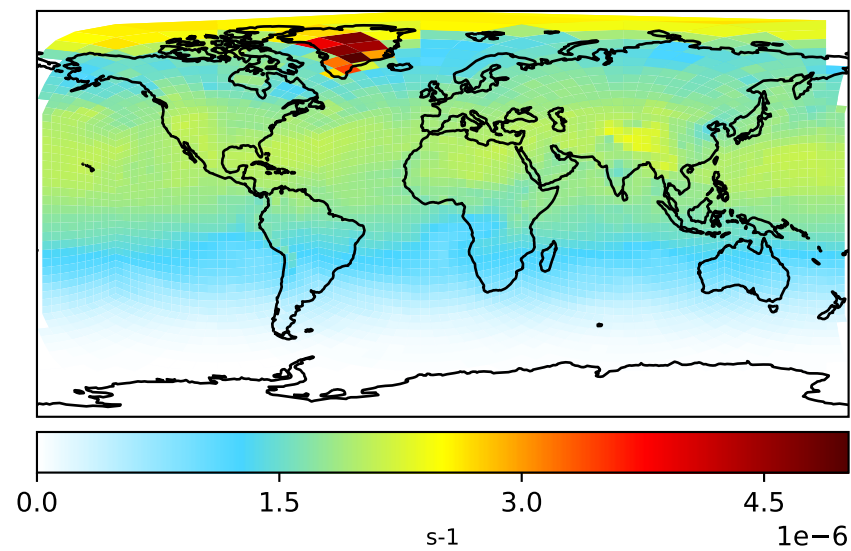


# Jval\_RIPA

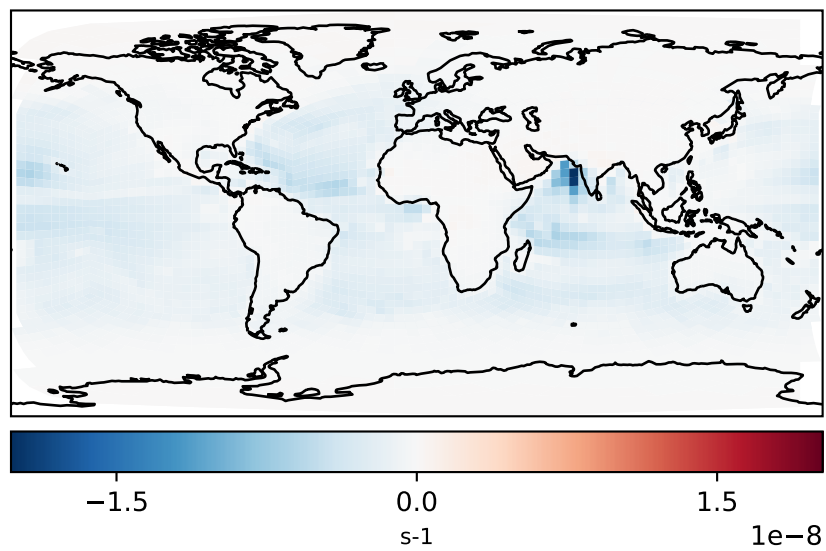
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



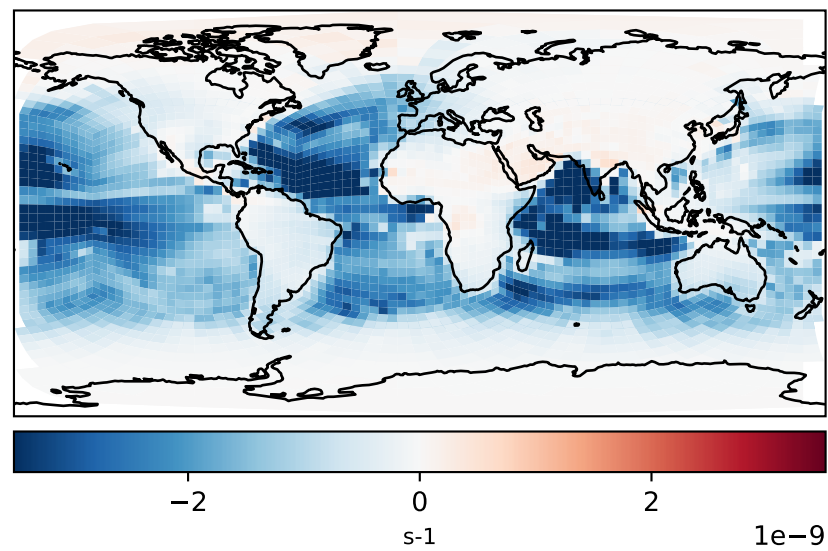
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



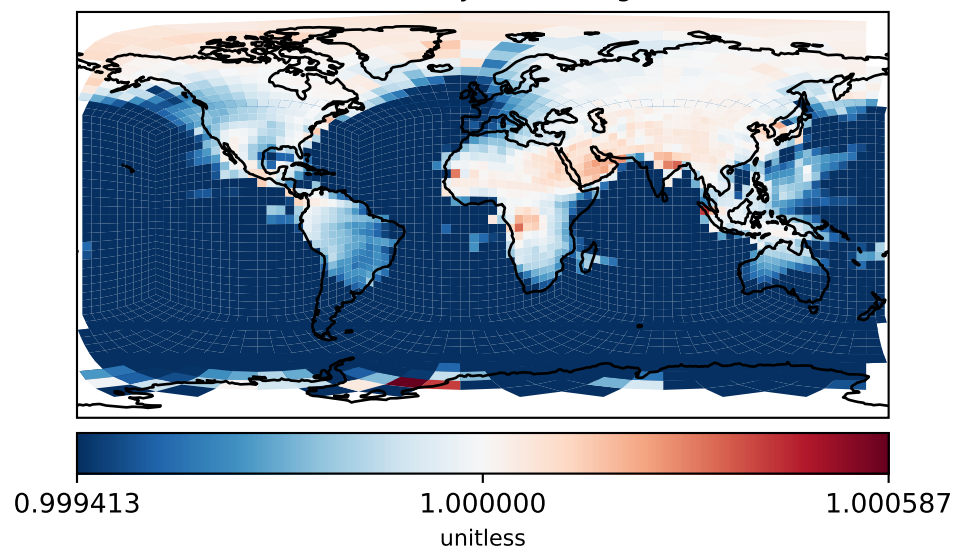
Difference  
Dev - Ref, Dynamic Range



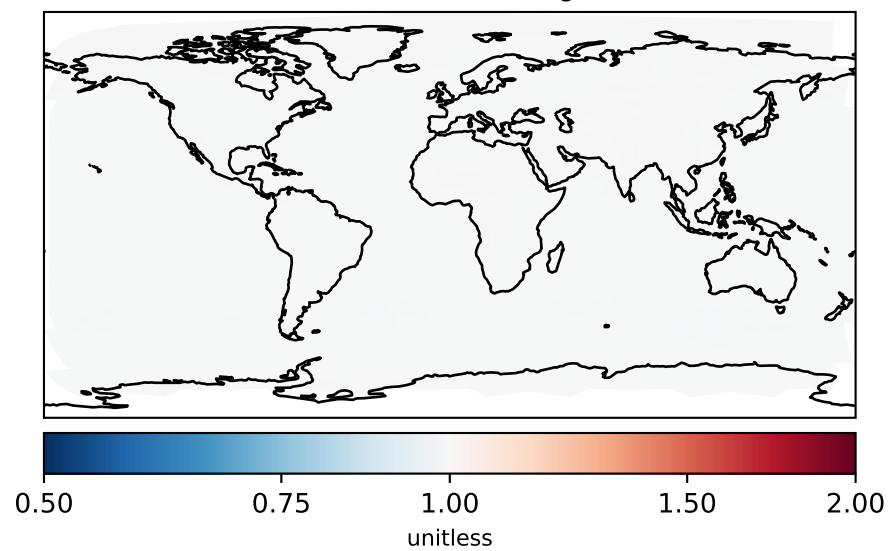
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

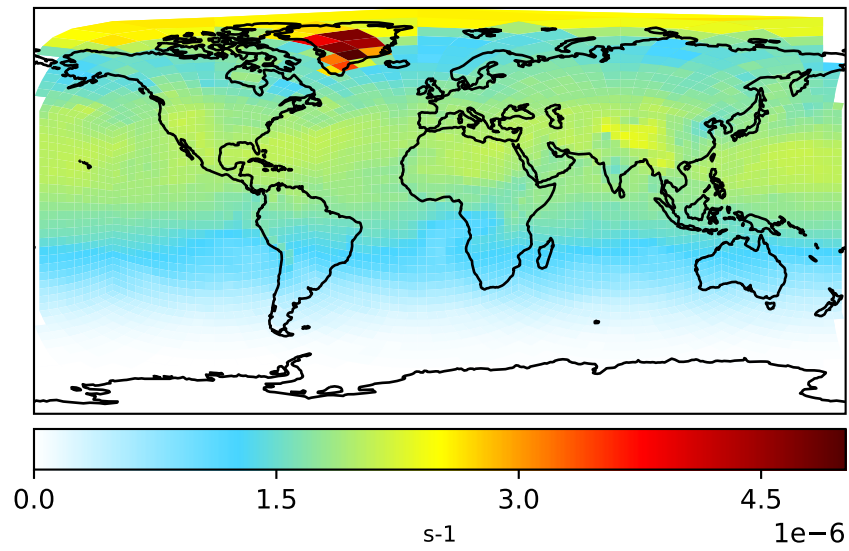


Ratio  
Dev/Ref, Fixed Range

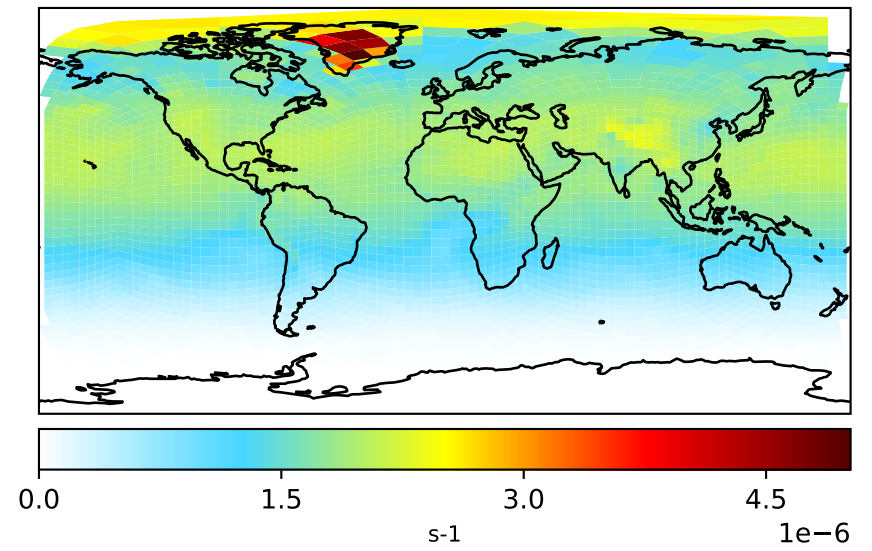


# Jval\_RIPB

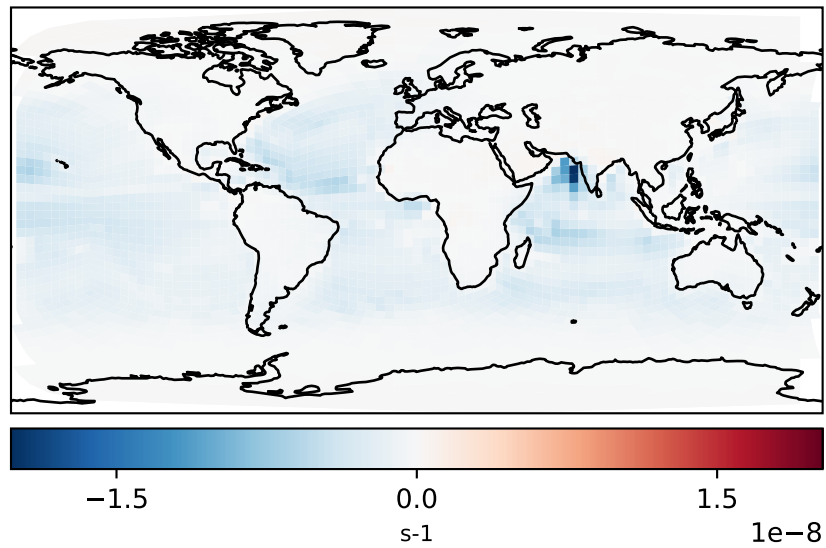
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



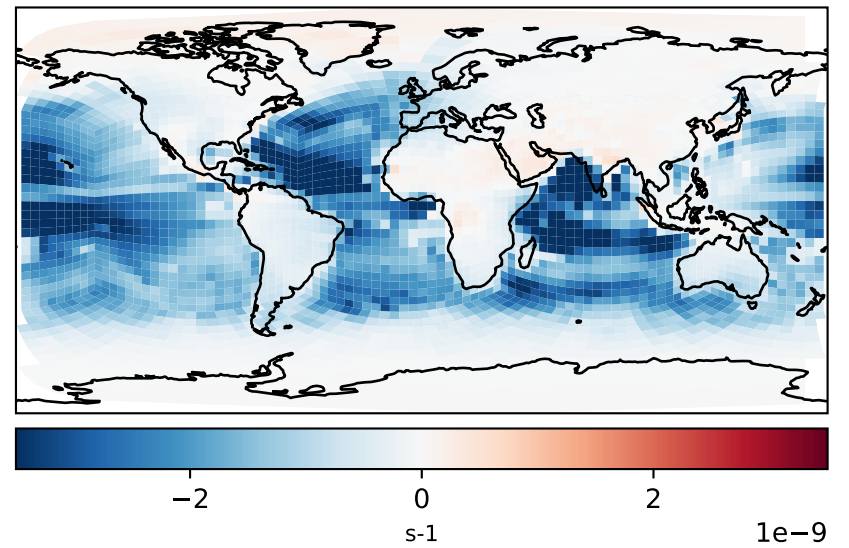
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



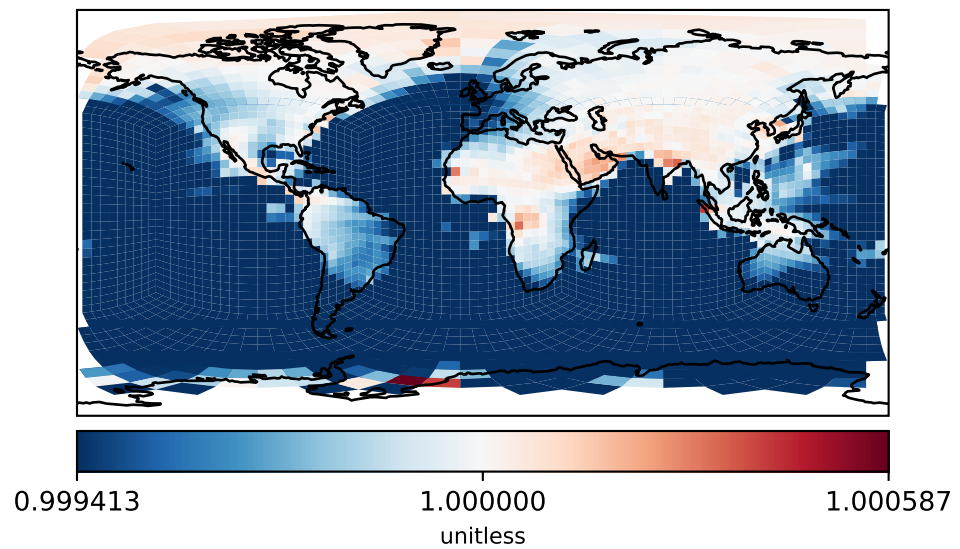
Difference  
Dev - Ref, Dynamic Range



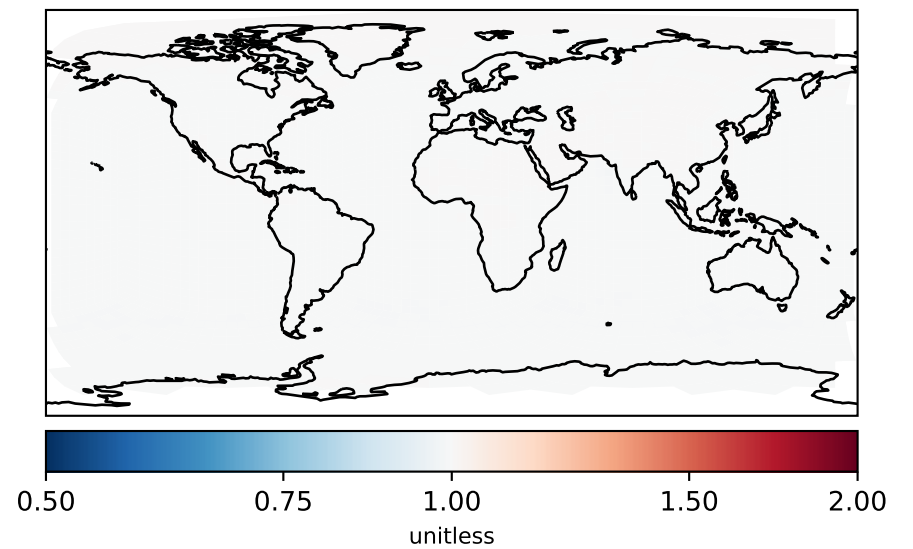
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

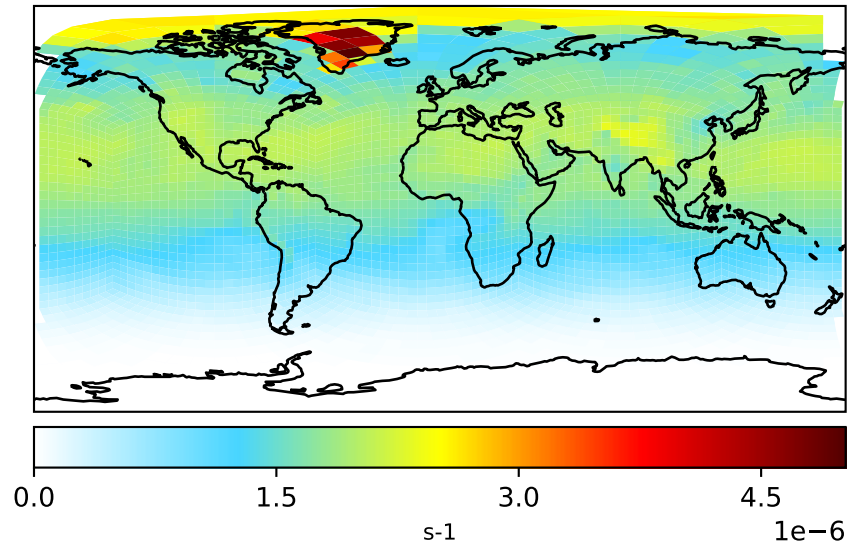


Ratio  
Dev/Ref, Fixed Range

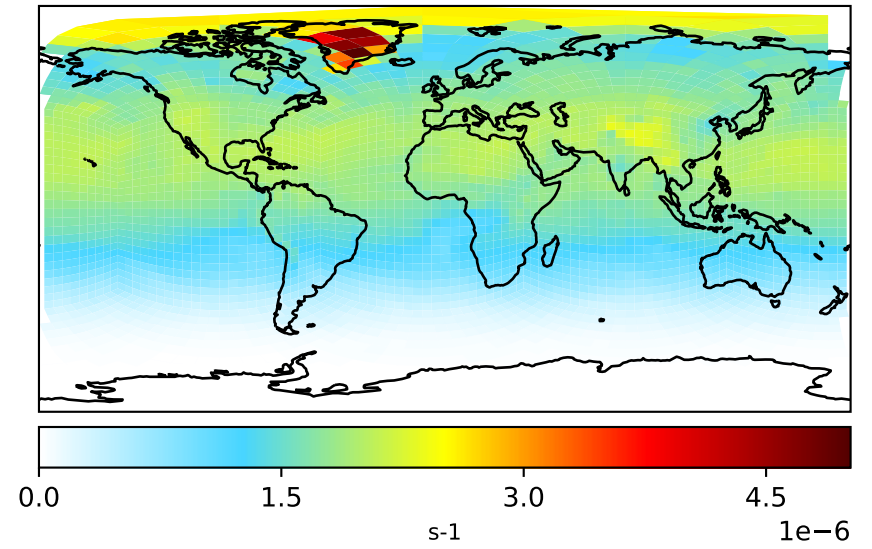


# Jval\_RIPC

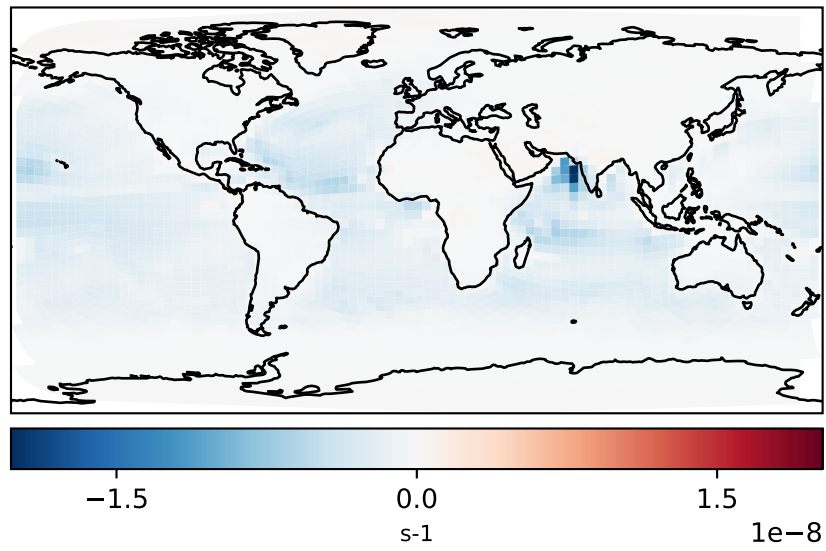
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



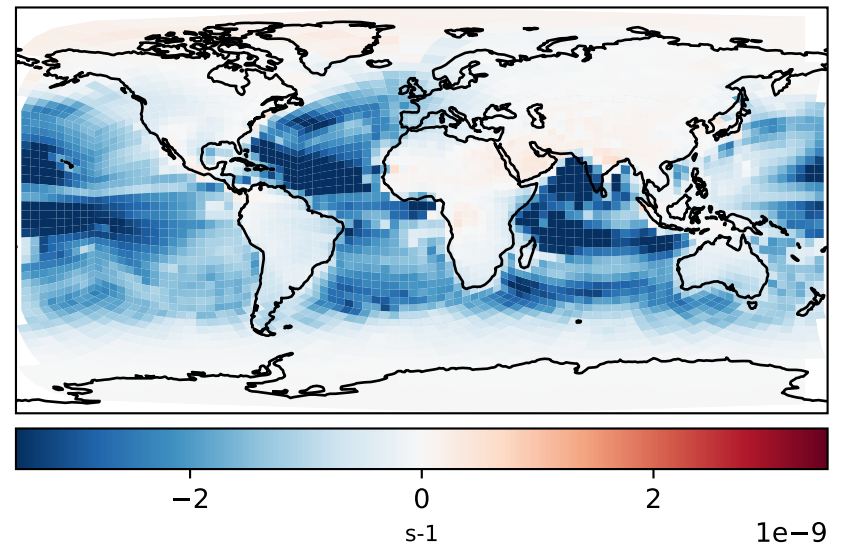
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



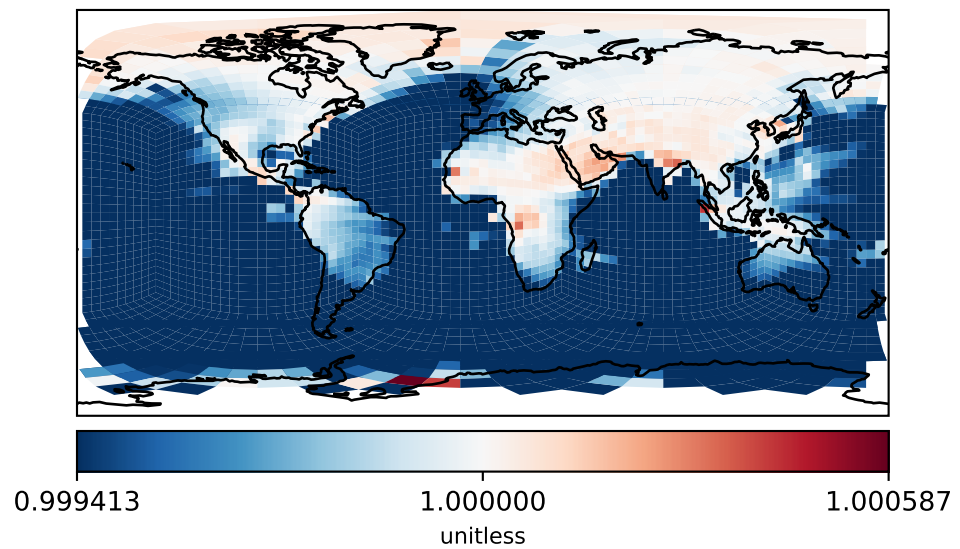
Difference  
Dev - Ref, Dynamic Range



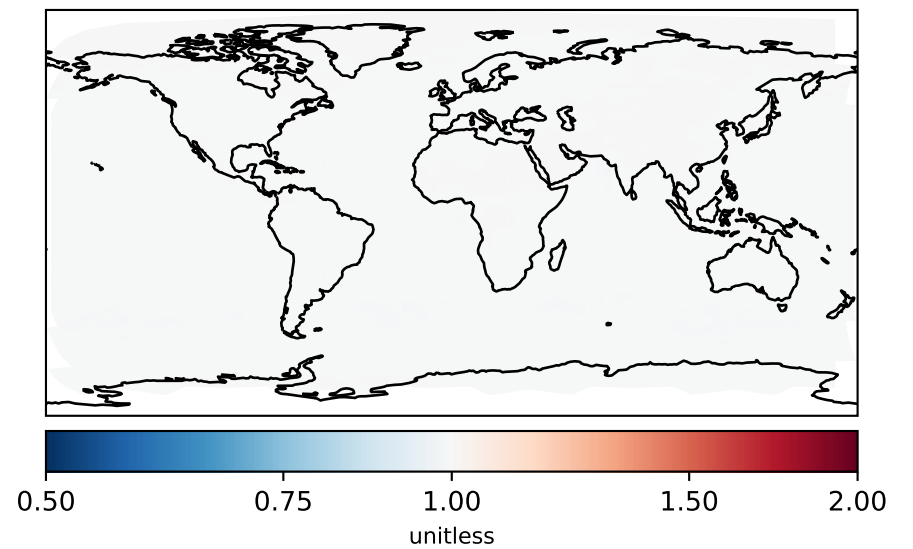
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

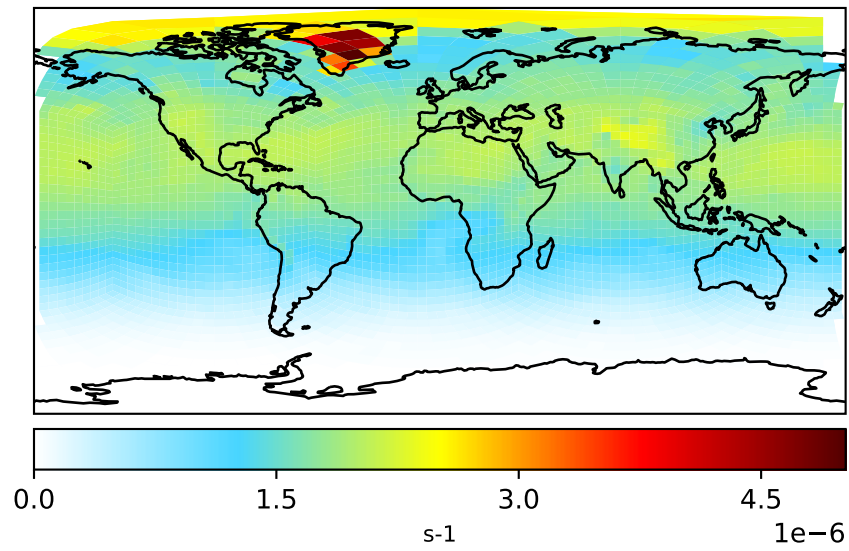


Ratio  
Dev/Ref, Fixed Range

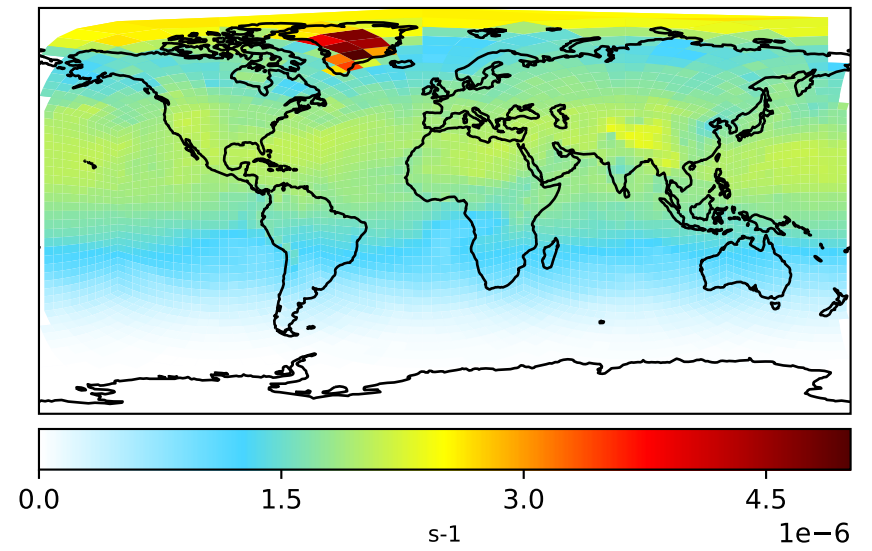


# Jval\_RIPD

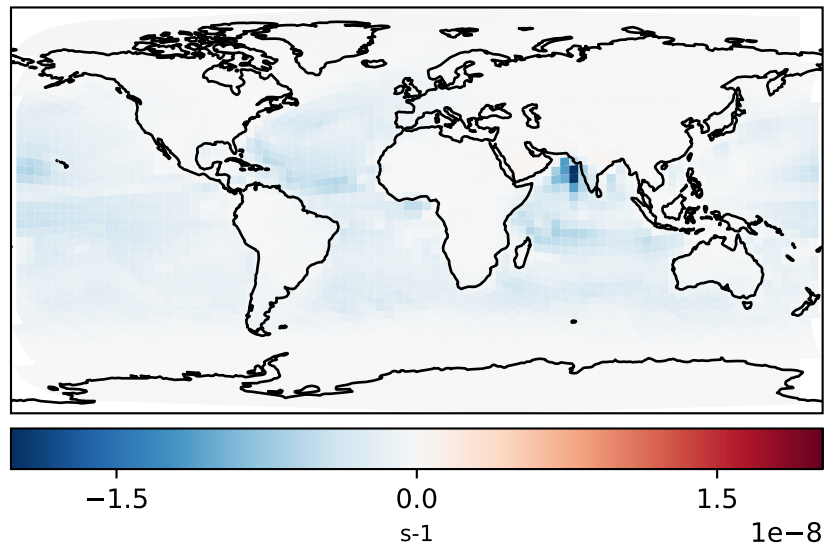
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



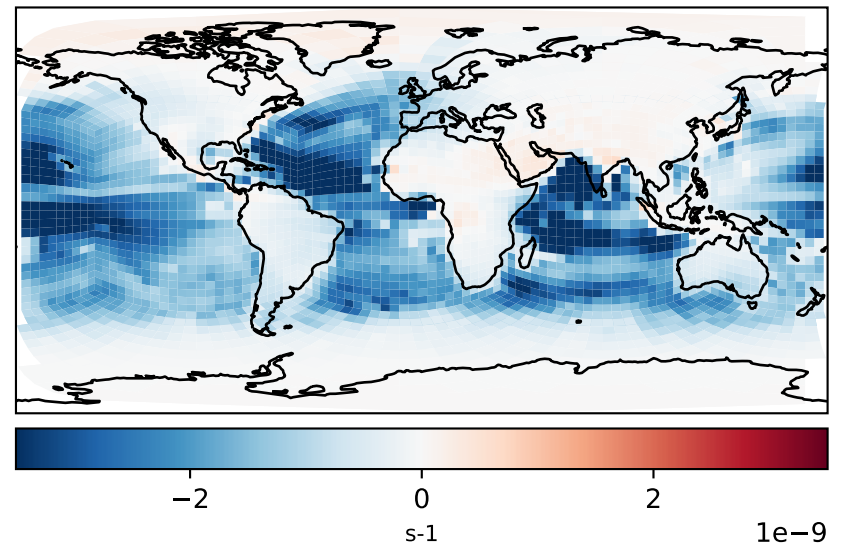
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



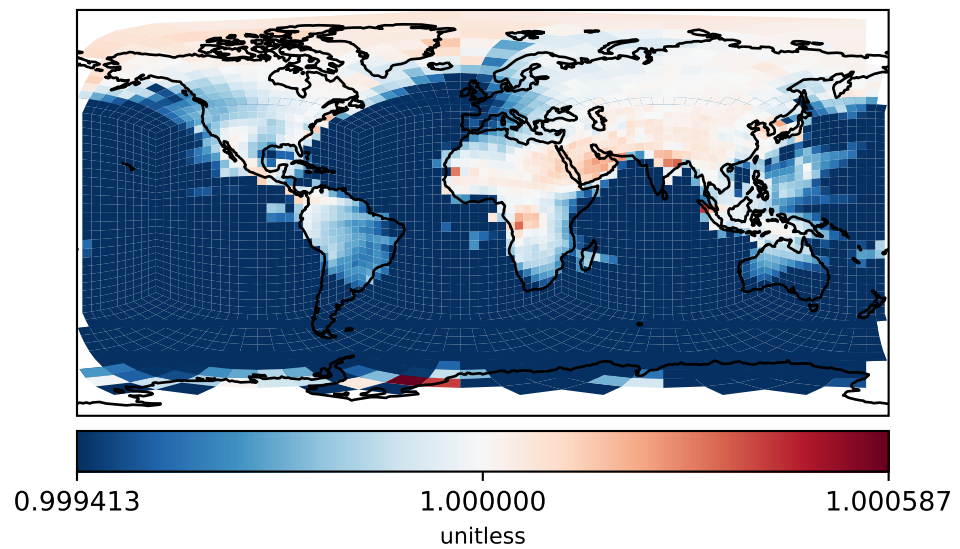
Difference  
Dev - Ref, Dynamic Range



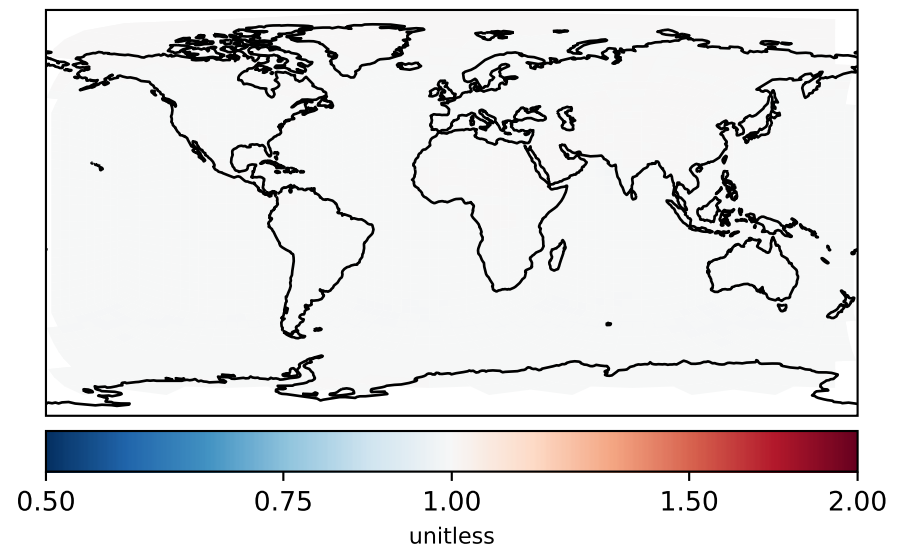
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

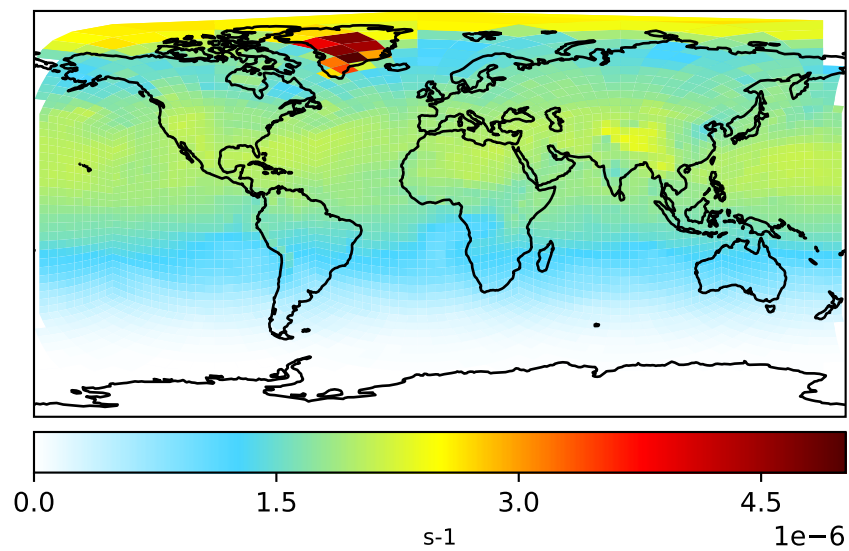


Ratio  
Dev/Ref, Fixed Range

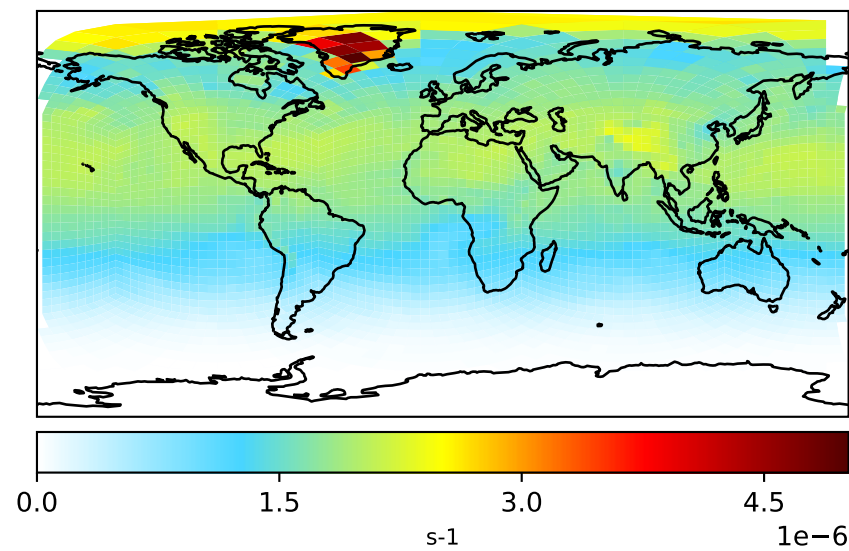


# Jval\_RP

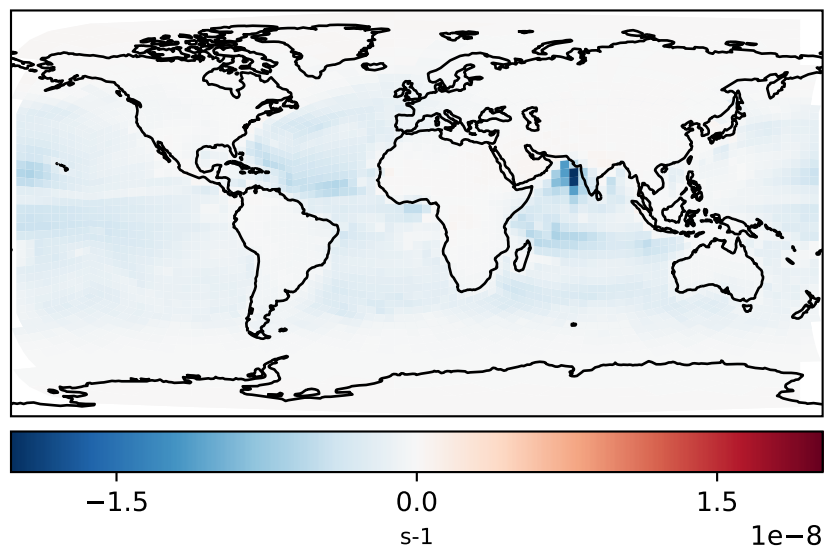
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



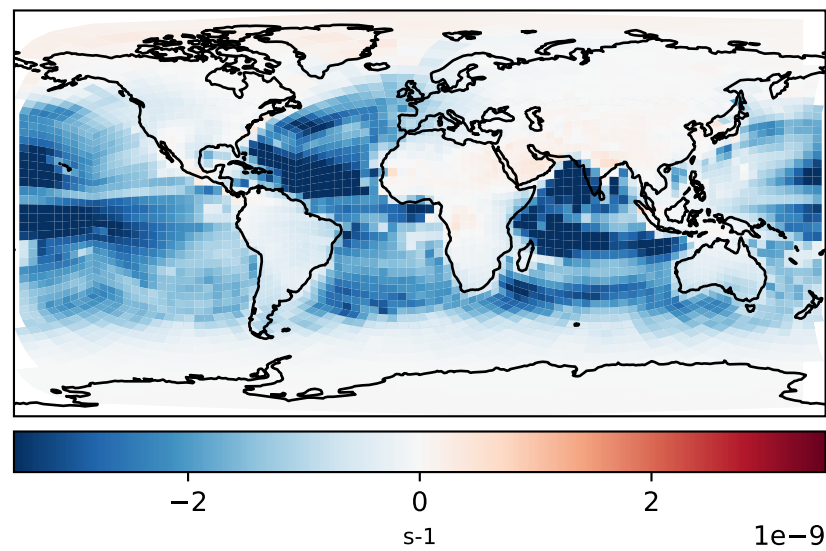
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



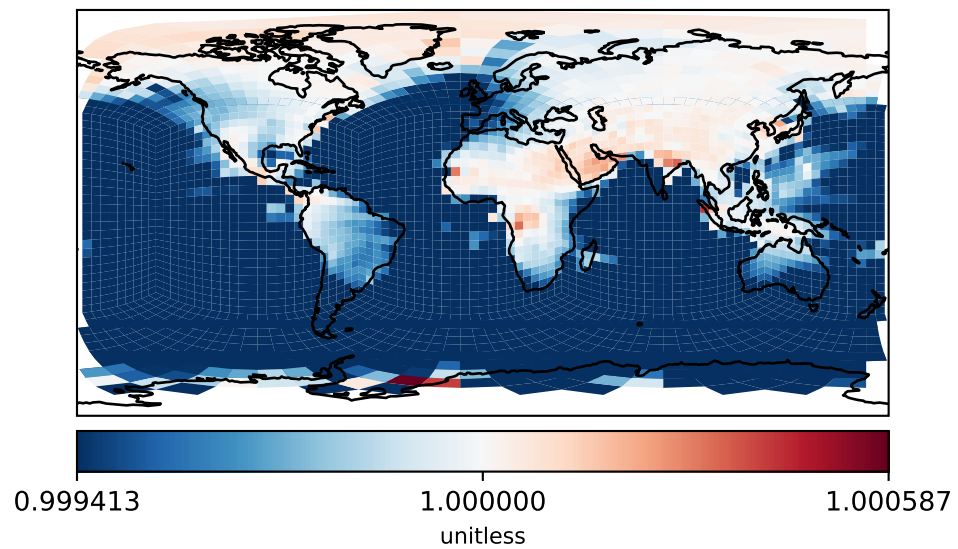
Difference  
Dev - Ref, Dynamic Range



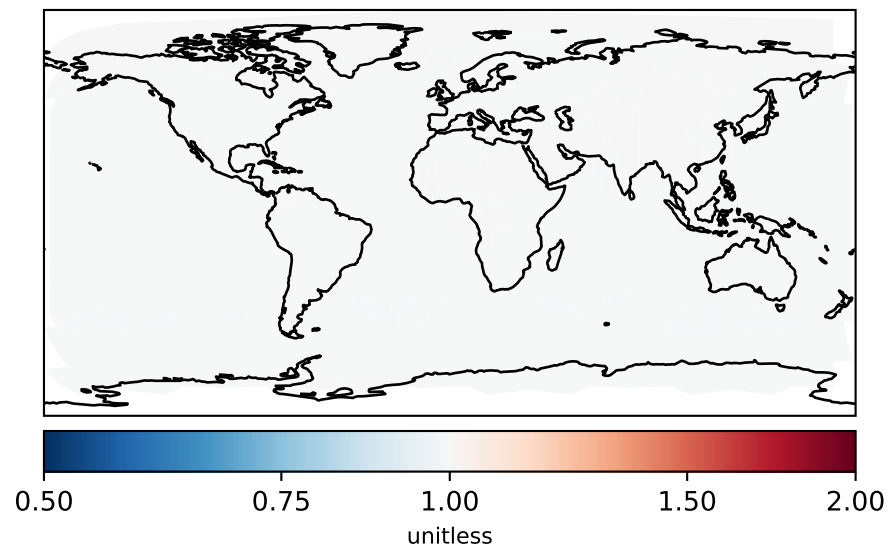
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

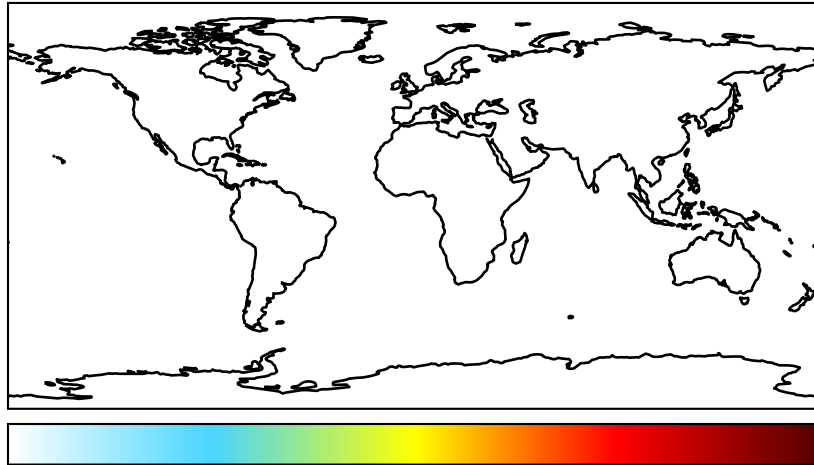


Ratio  
Dev/Ref, Fixed Range



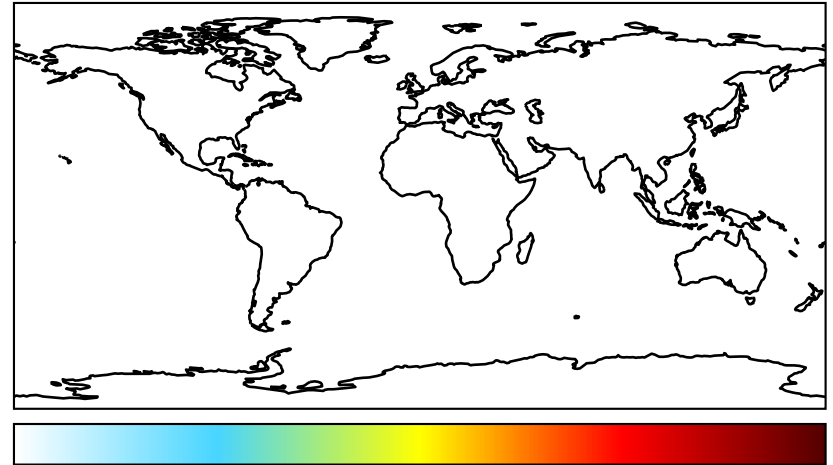
# Jval\_S04

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



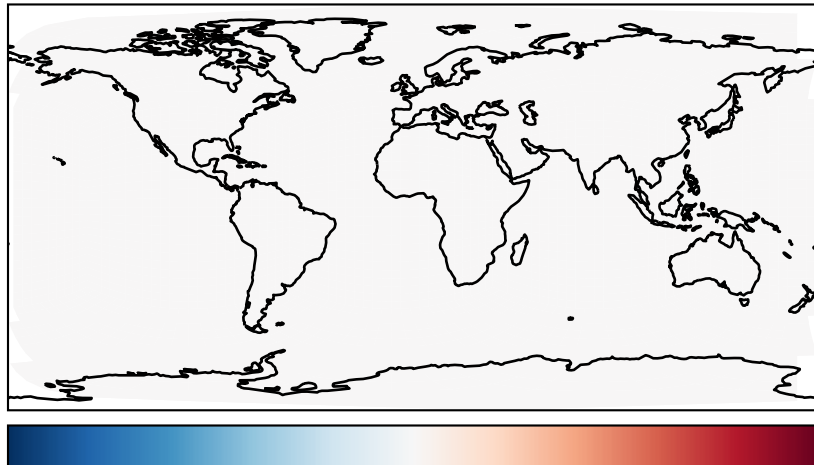
Zero throughout domain  
s-1

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



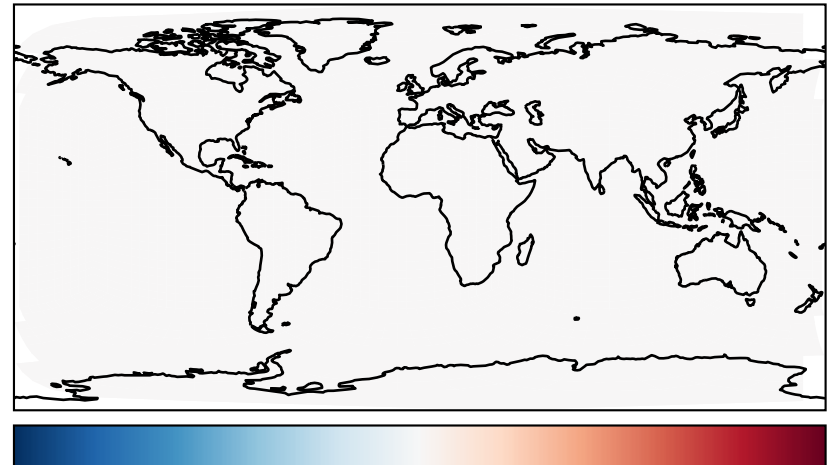
Zero throughout domain  
s-1

Difference  
Dev - Ref, Dynamic Range



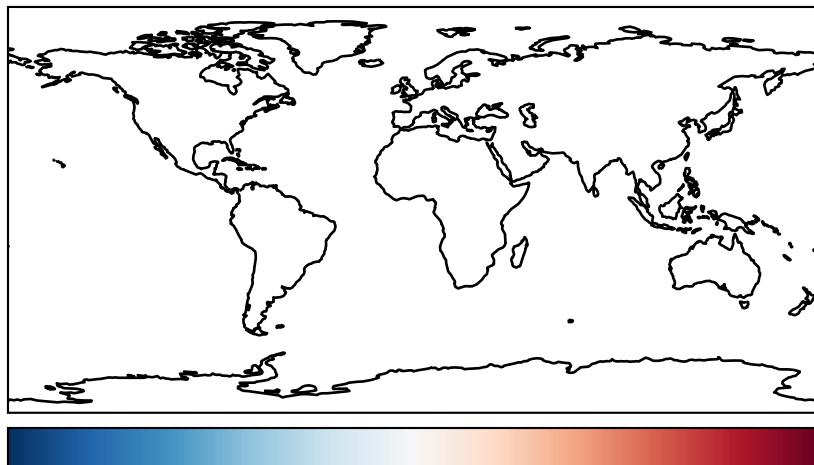
Zero throughout domain  
s-1

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



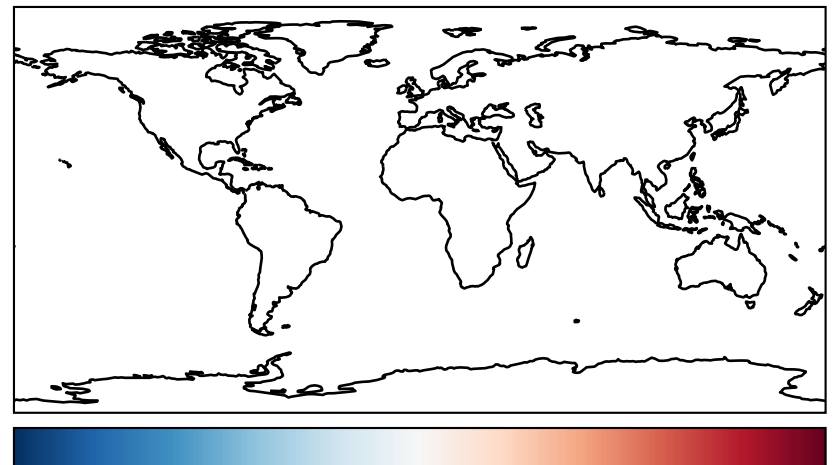
Zero throughout domain  
s-1

Ratio  
Dev/Ref, Dynamic Range



Undefined throughout domain  
unitless

Ratio  
Dev/Ref, Fixed Range



Undefined throughout domain  
unitless