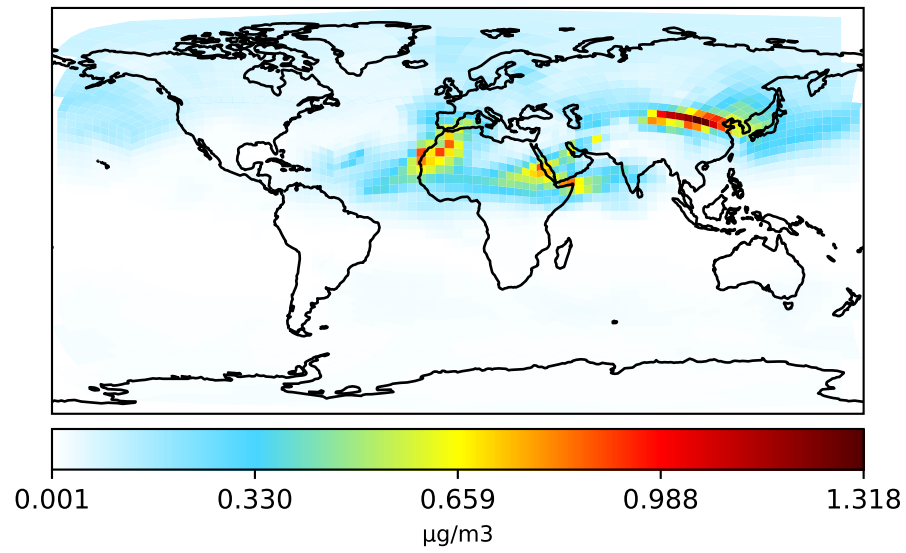
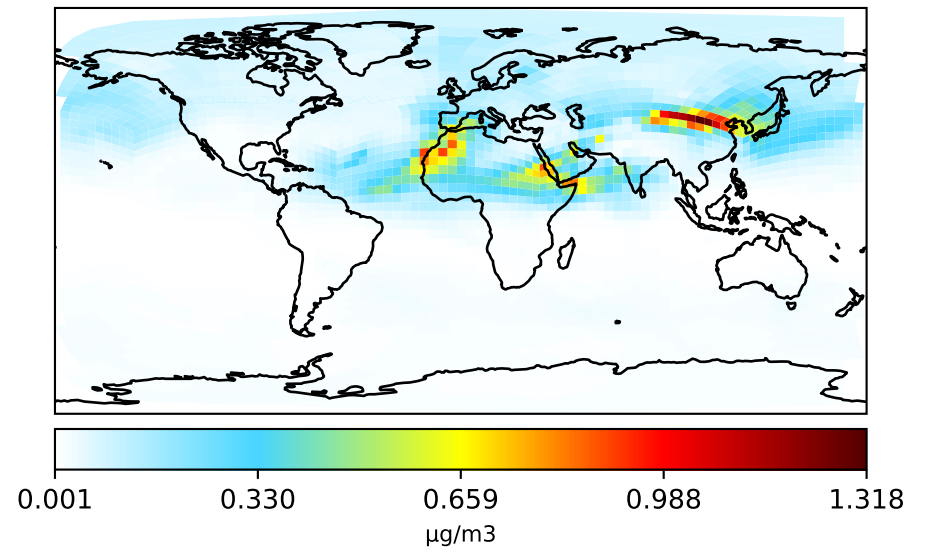


# SpeciesConcVV\_DST1

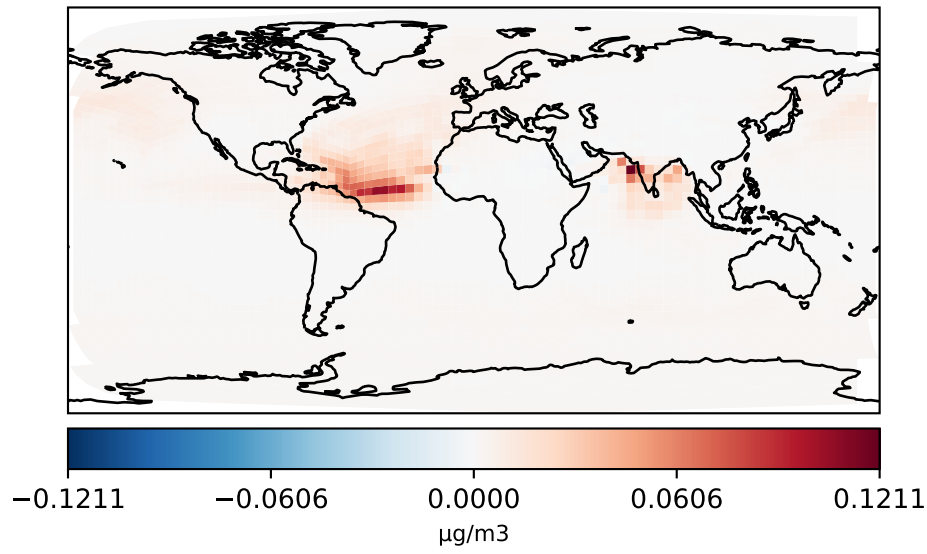
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



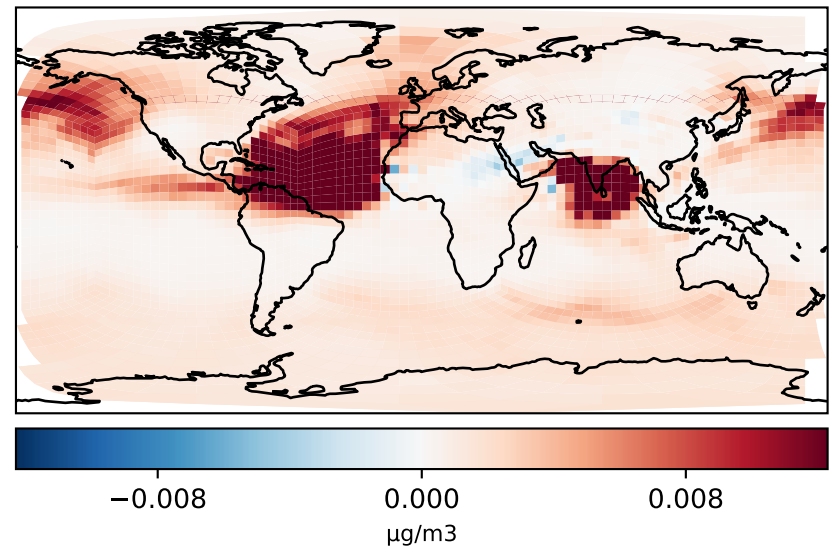
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



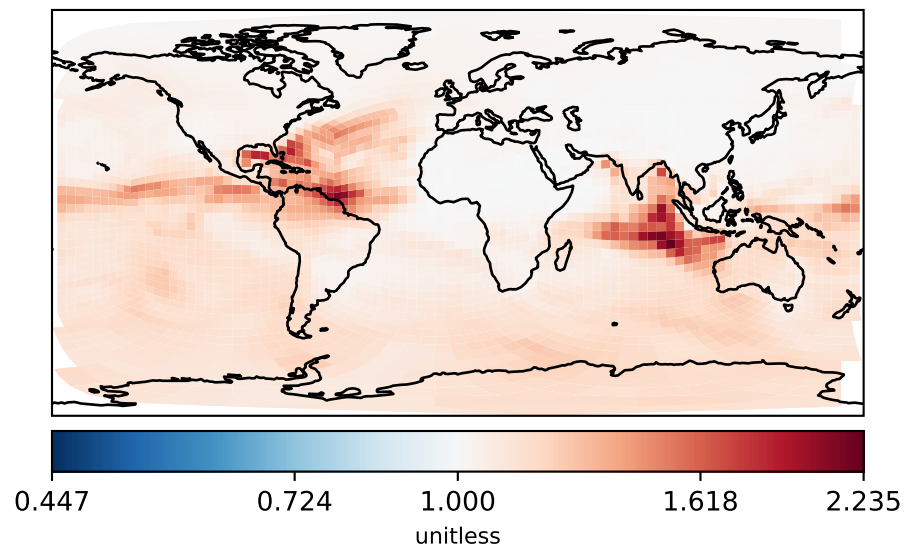
Difference  
Dev - Ref, Dynamic Range



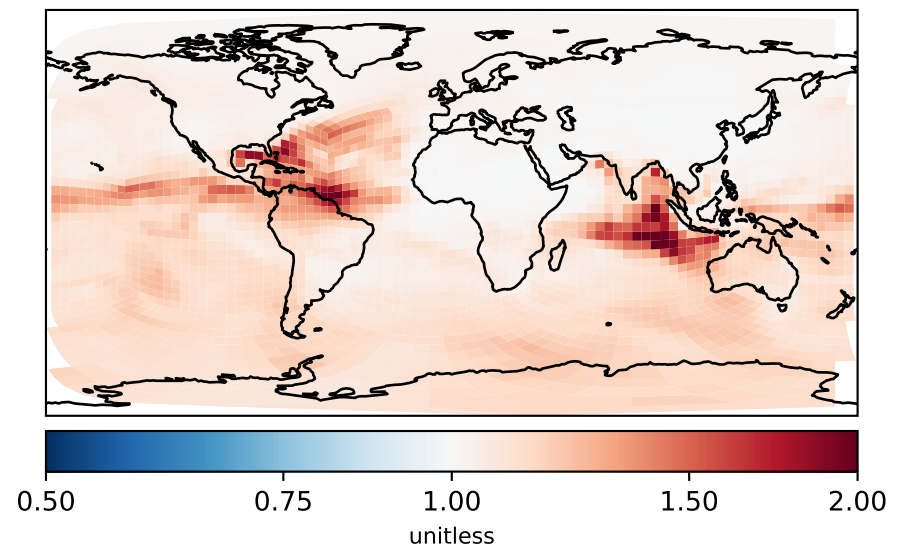
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

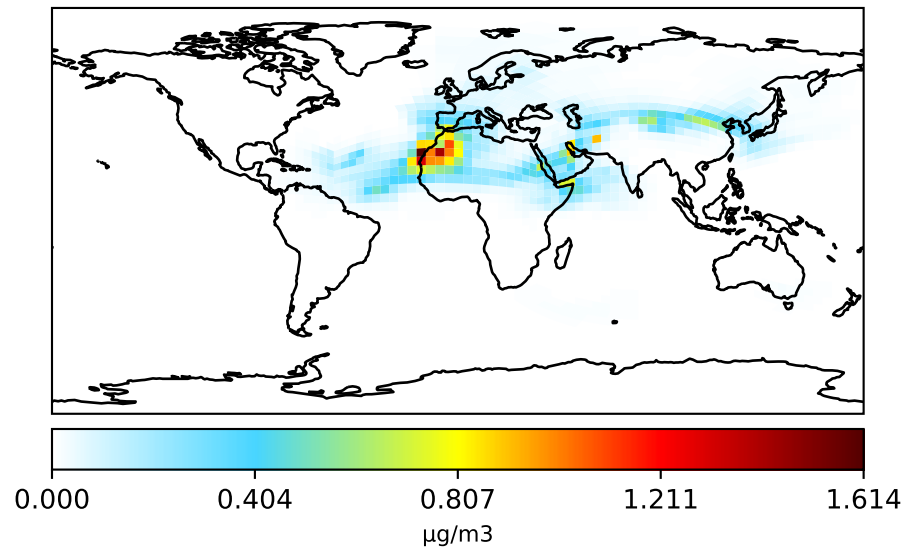


Ratio  
Dev/Ref, Fixed Range

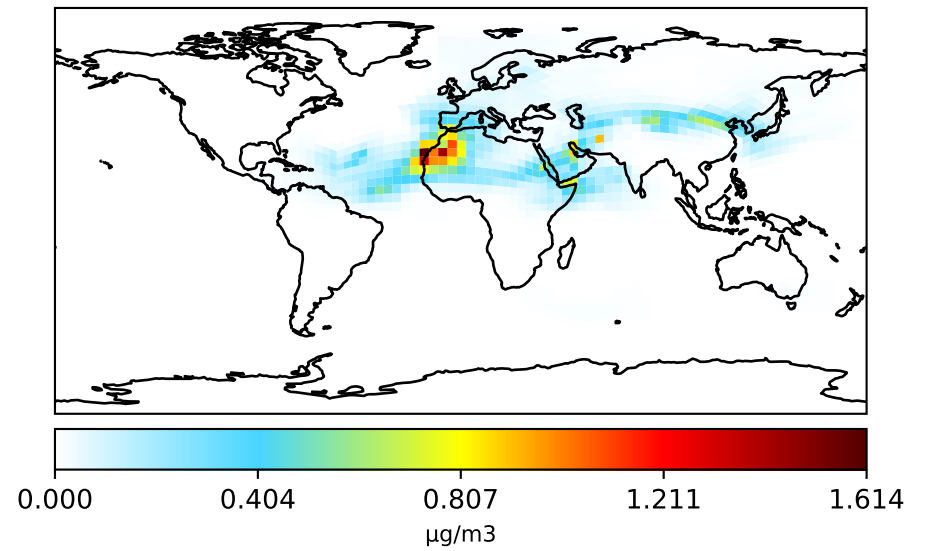


# SpeciesConcVV\_DST2

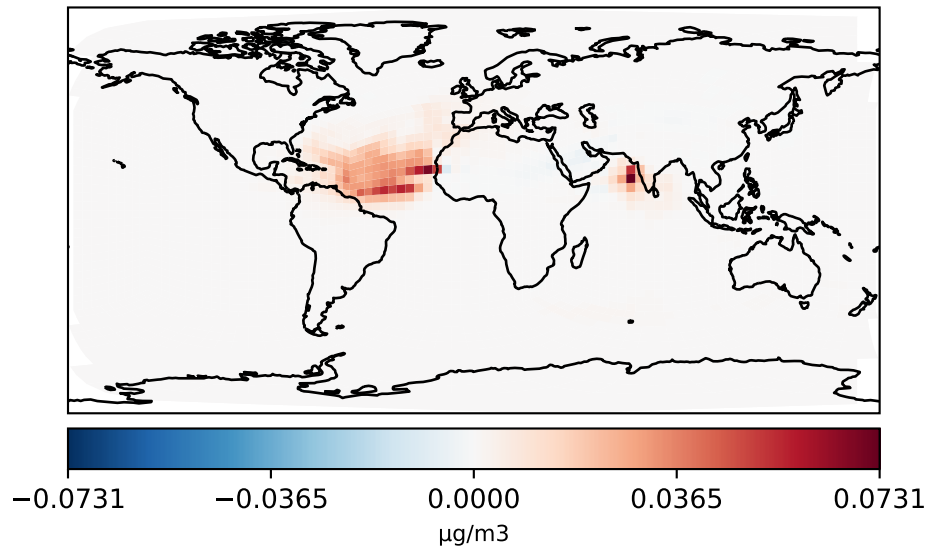
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



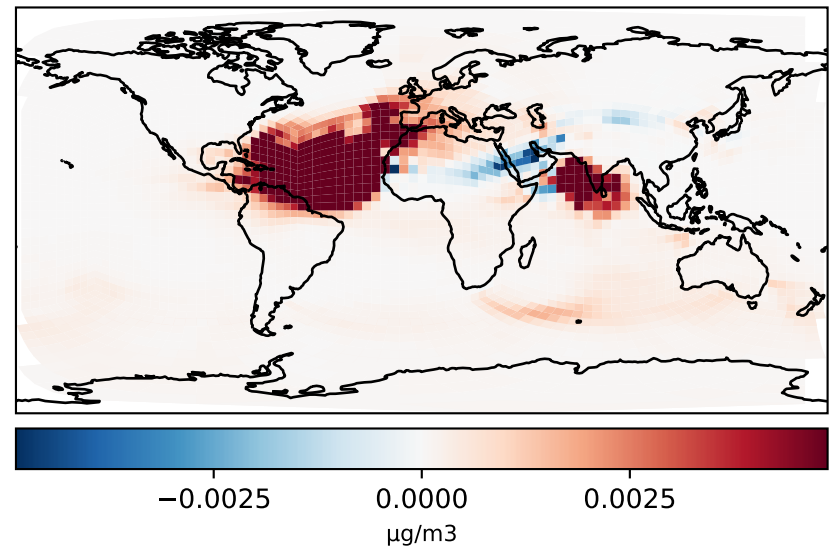
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



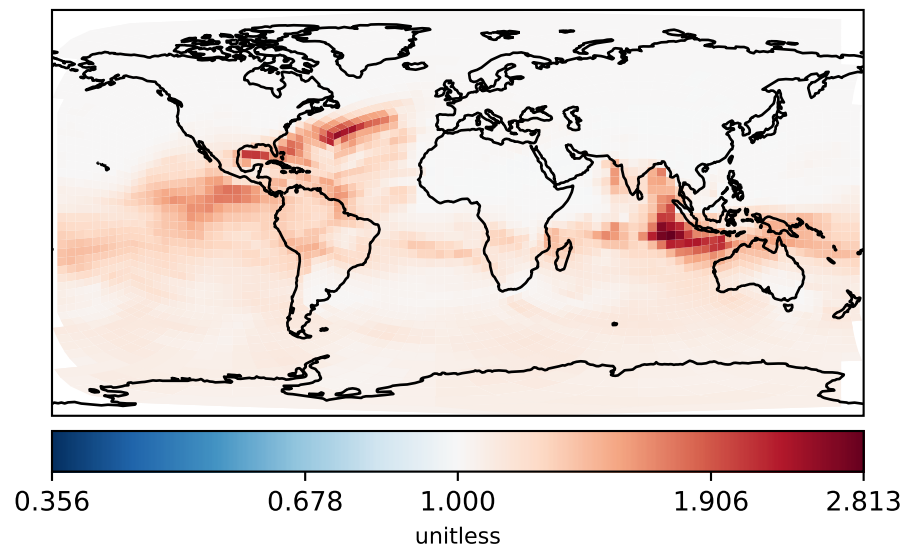
Difference  
Dev - Ref, Dynamic Range



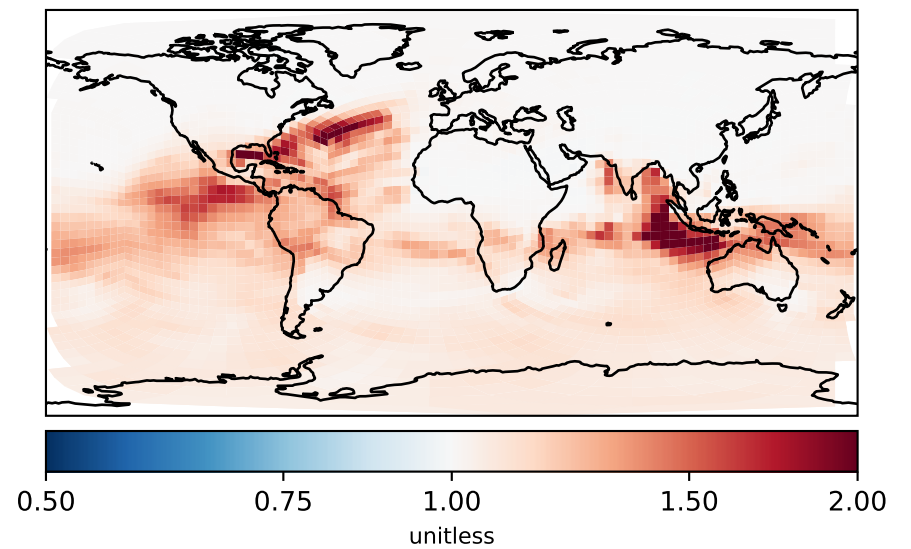
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

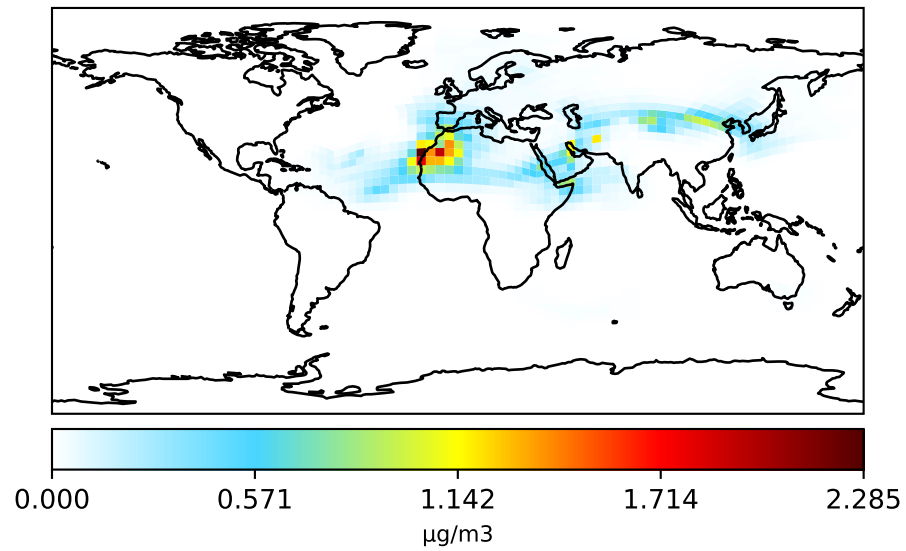


Ratio  
Dev/Ref, Fixed Range

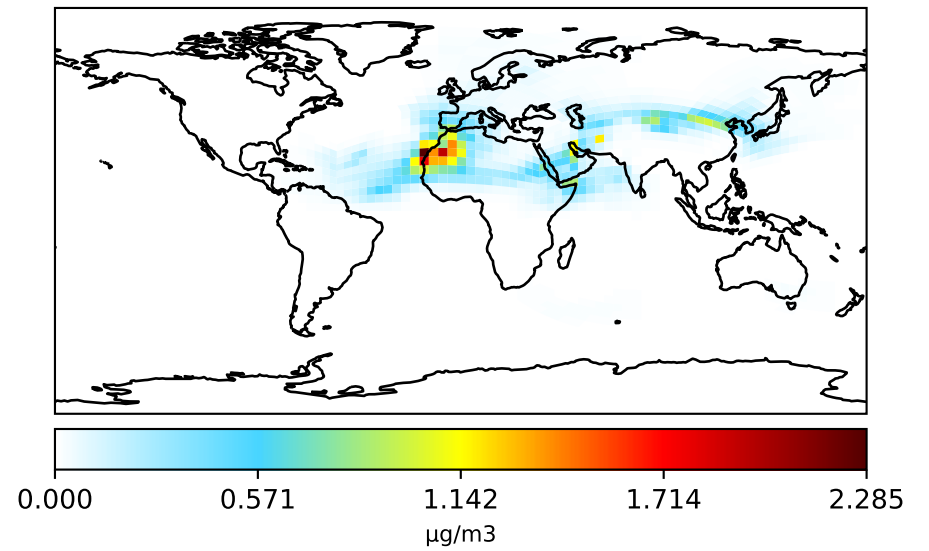


# SpeciesConcVV\_DST3

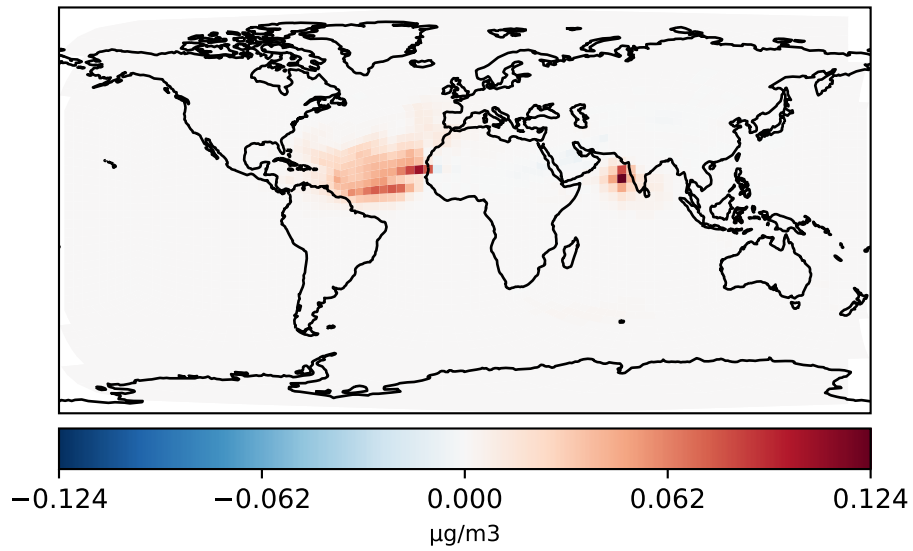
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



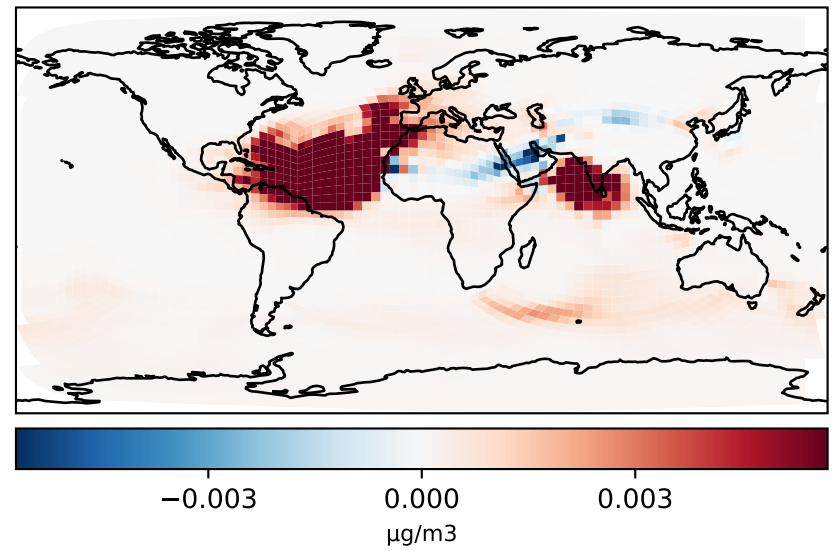
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



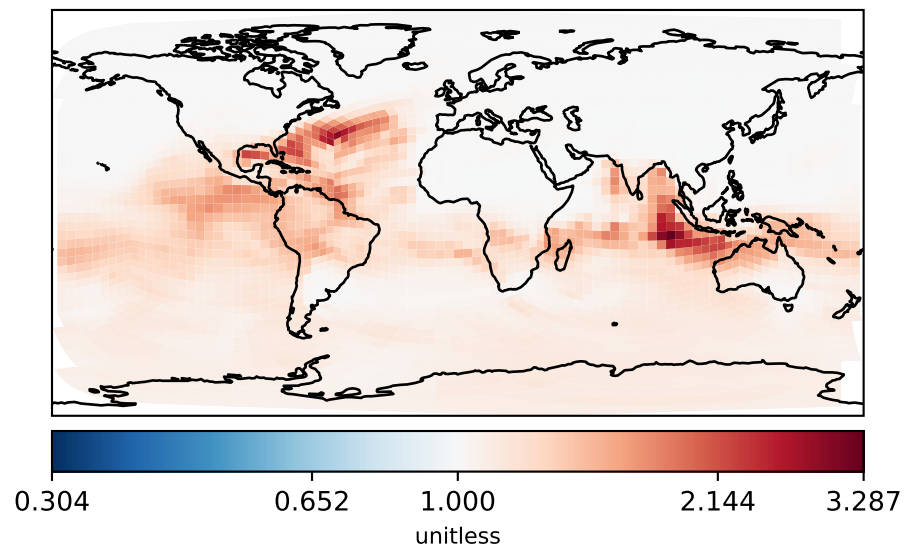
Difference  
Dev - Ref, Dynamic Range



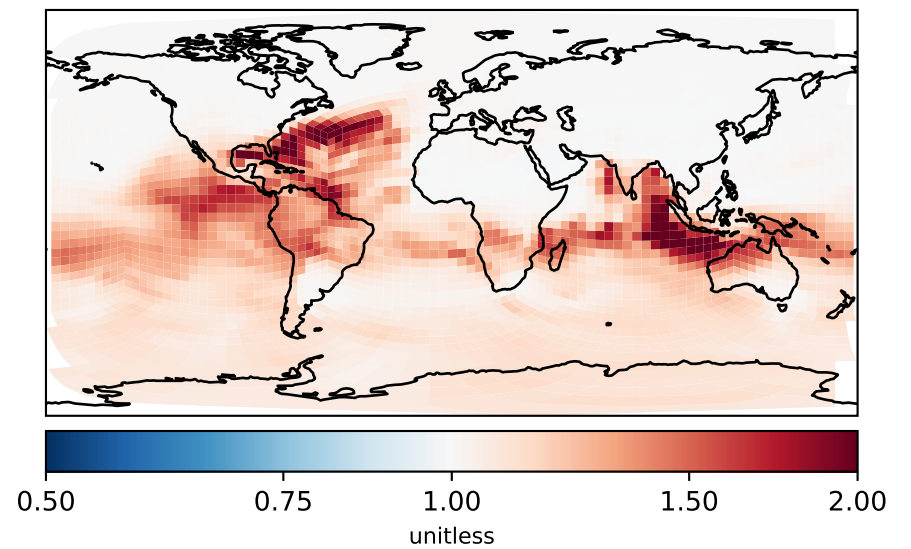
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



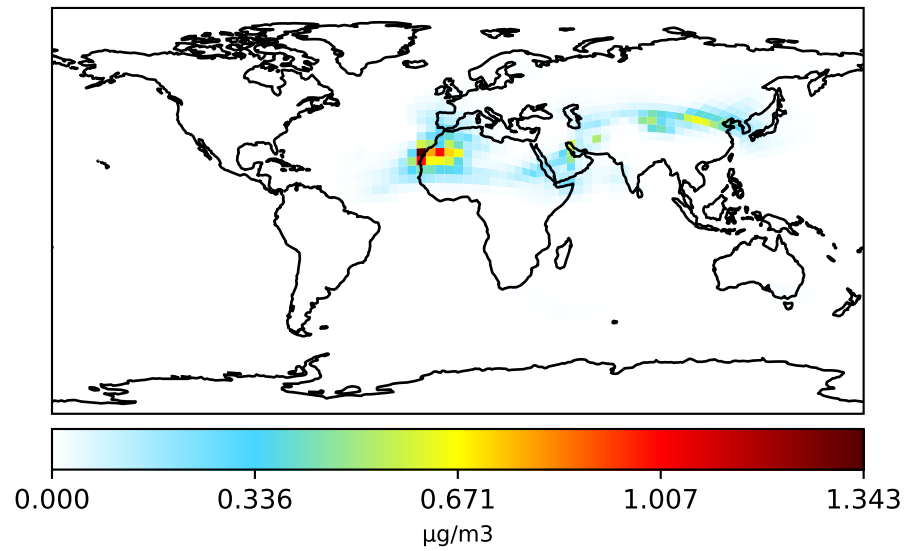
Ratio  
Dev/Ref, Fixed Range



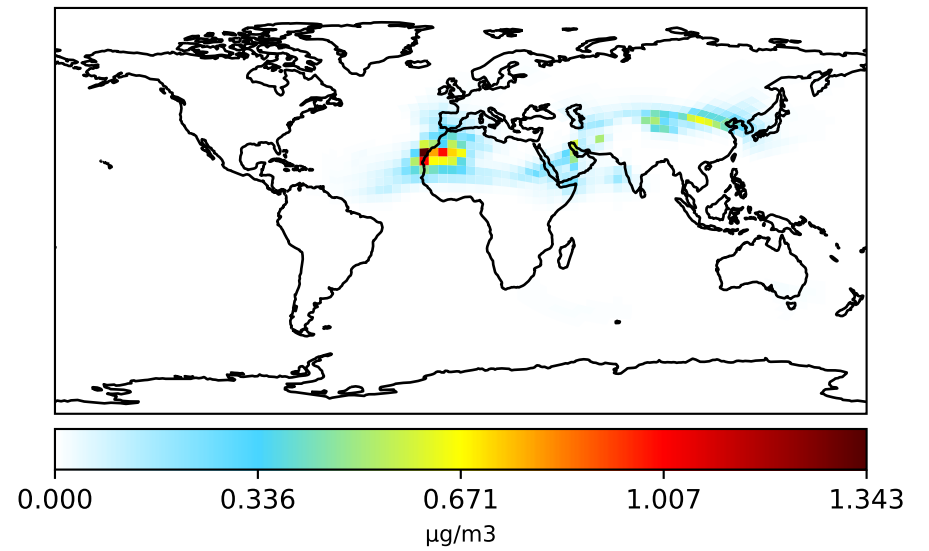


# SpeciesConcVV\_DST4

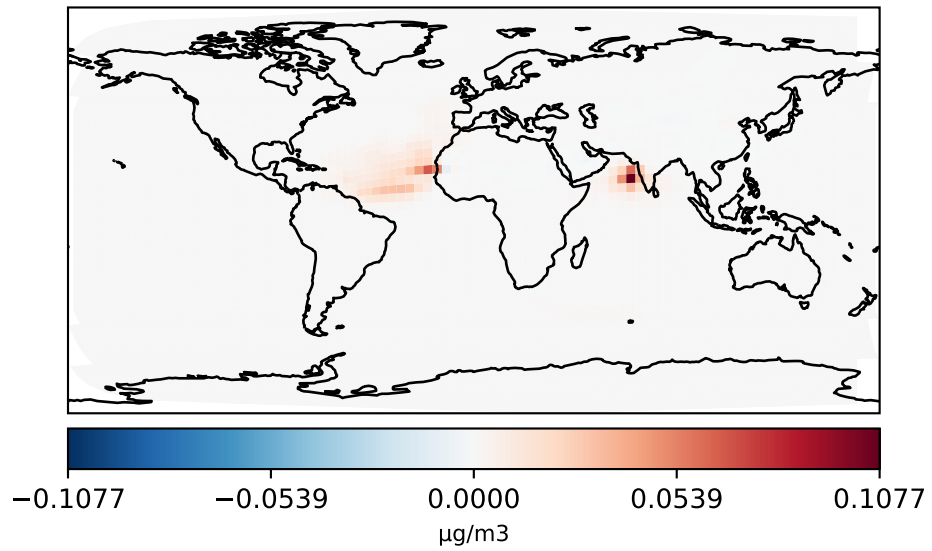
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



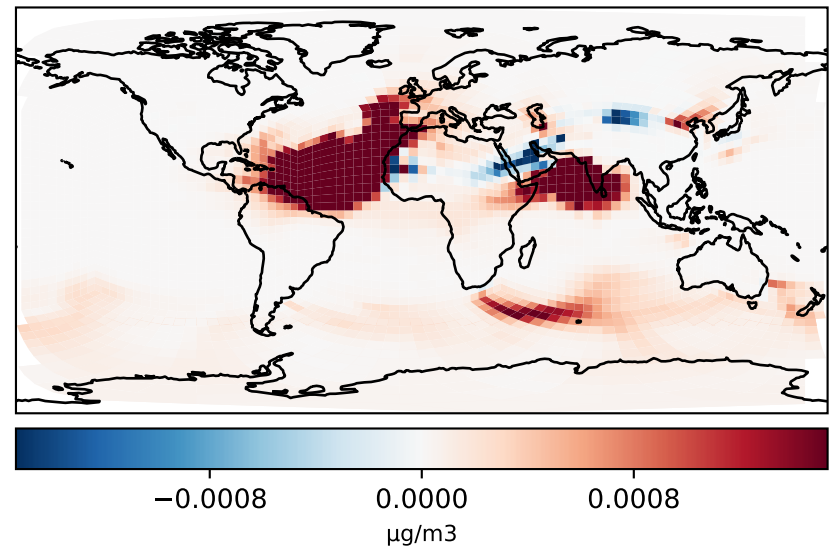
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



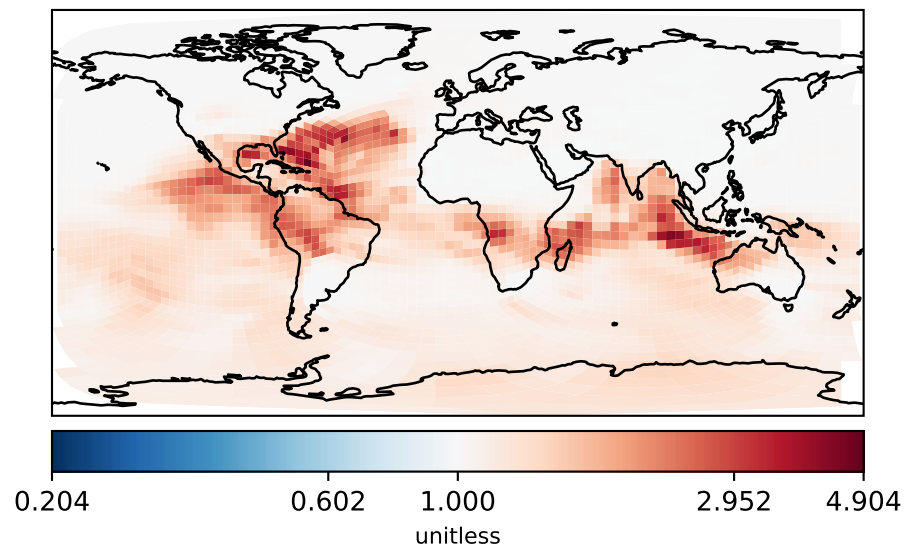
Difference  
Dev - Ref, Dynamic Range



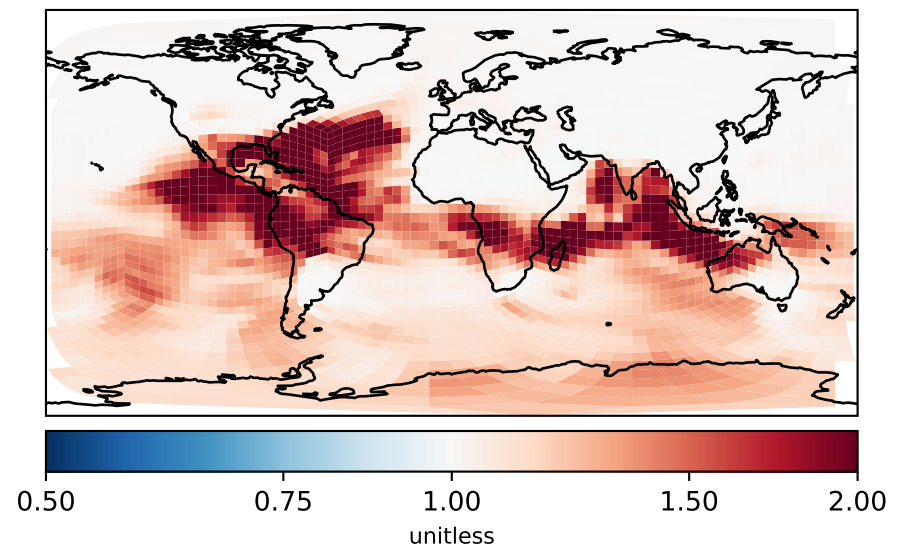
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



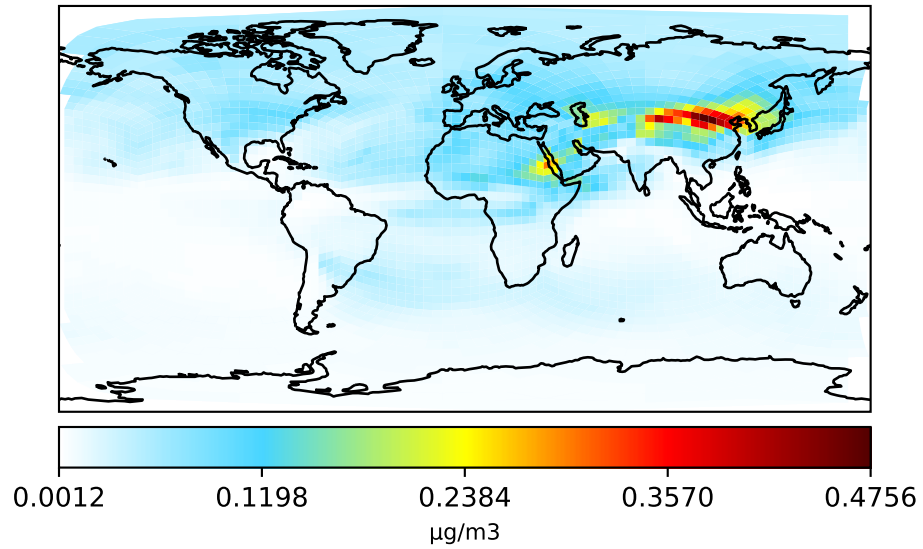
Ratio  
Dev/Ref, Fixed Range



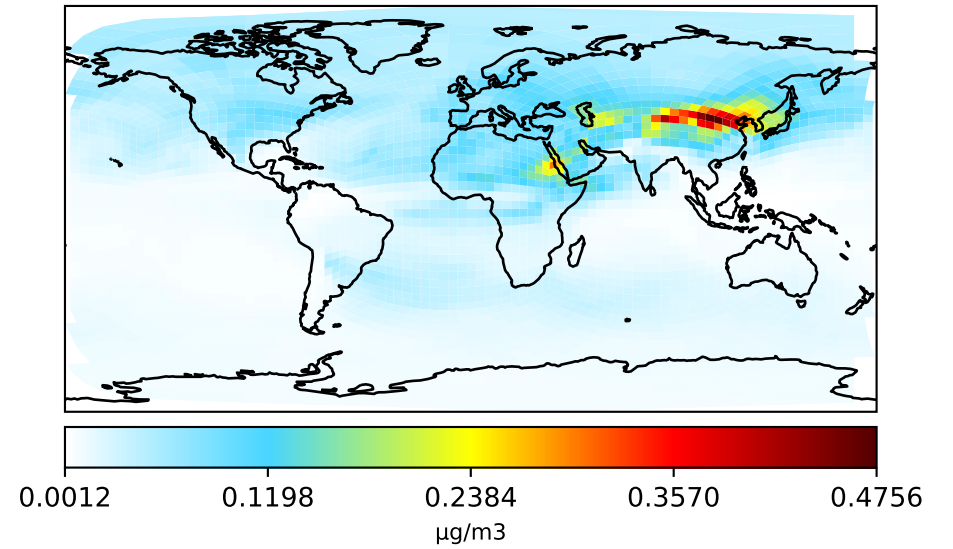


# SpeciesConcVV\_NH4

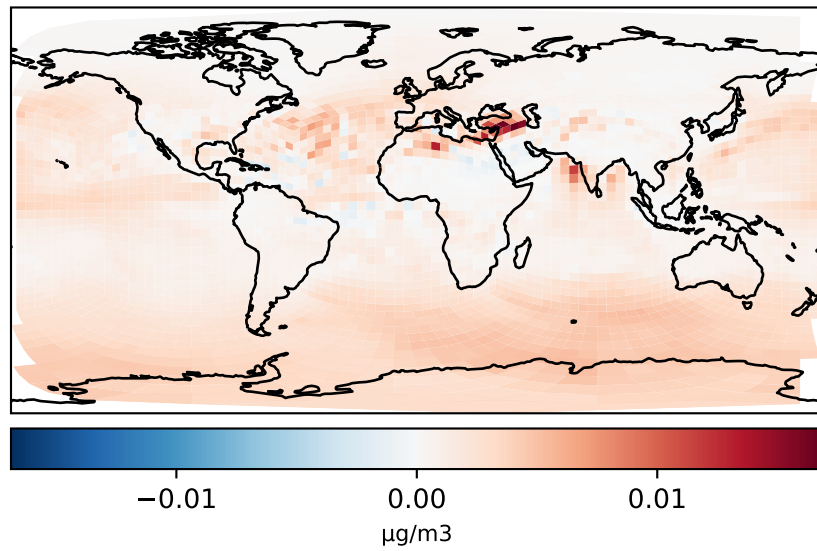
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



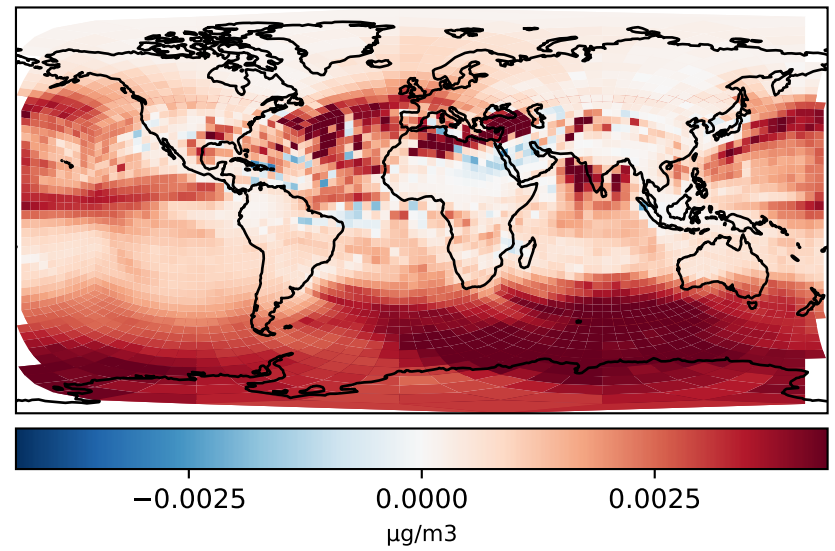
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



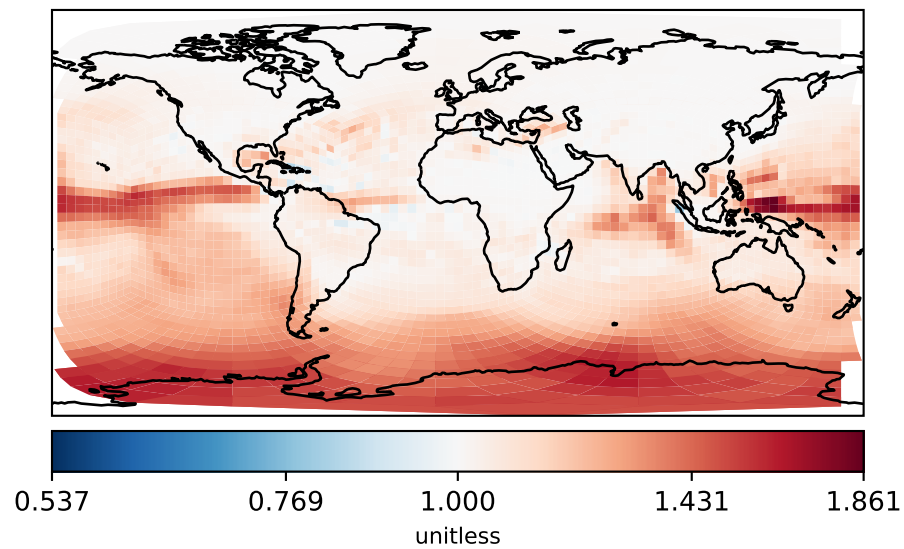
Difference  
Dev - Ref, Dynamic Range



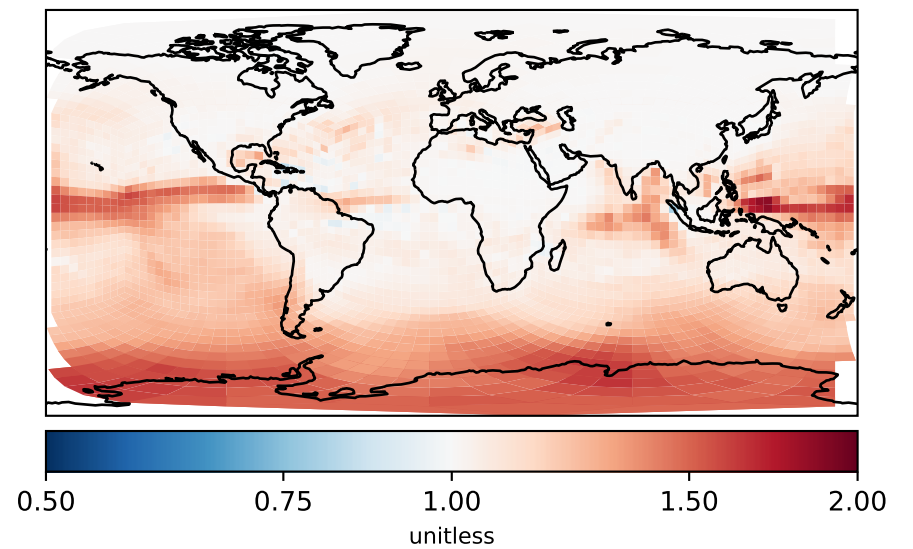
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

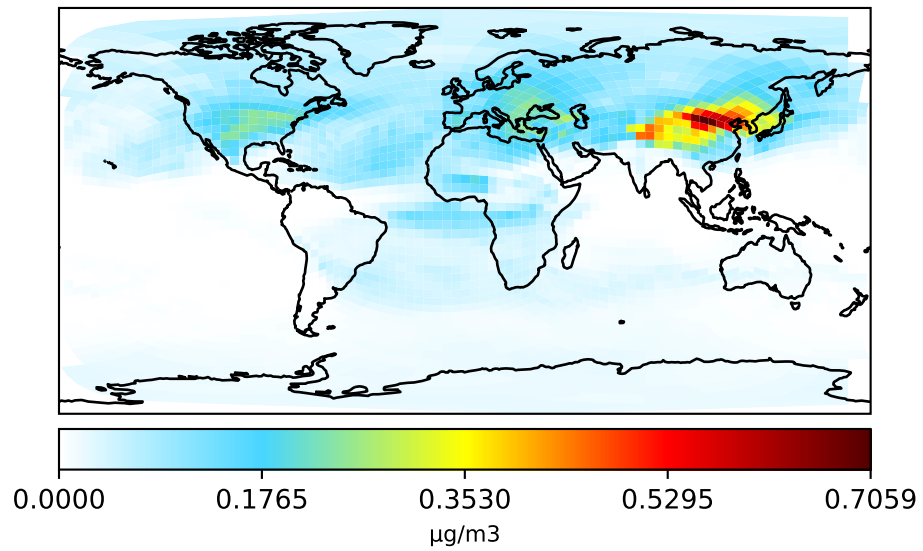


Ratio  
Dev/Ref, Fixed Range

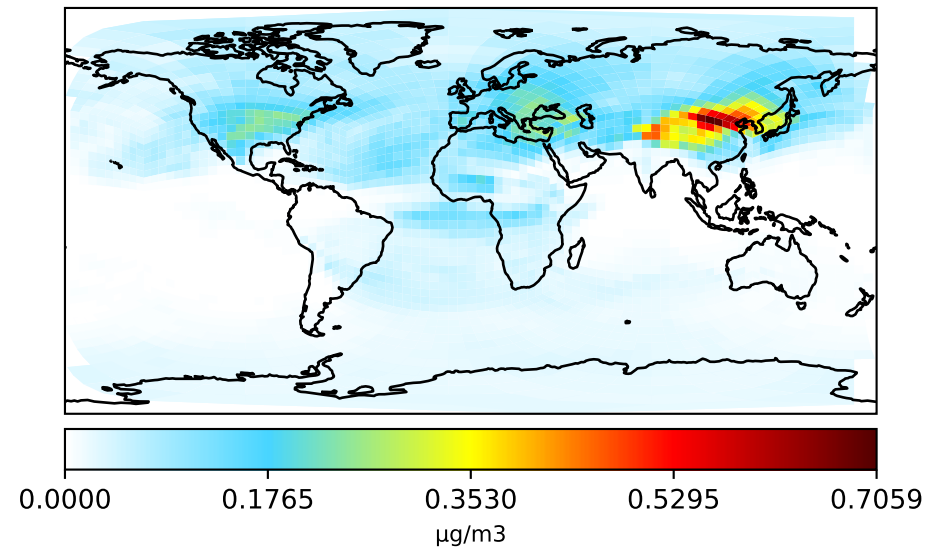


# SpeciesConcVV\_NIT

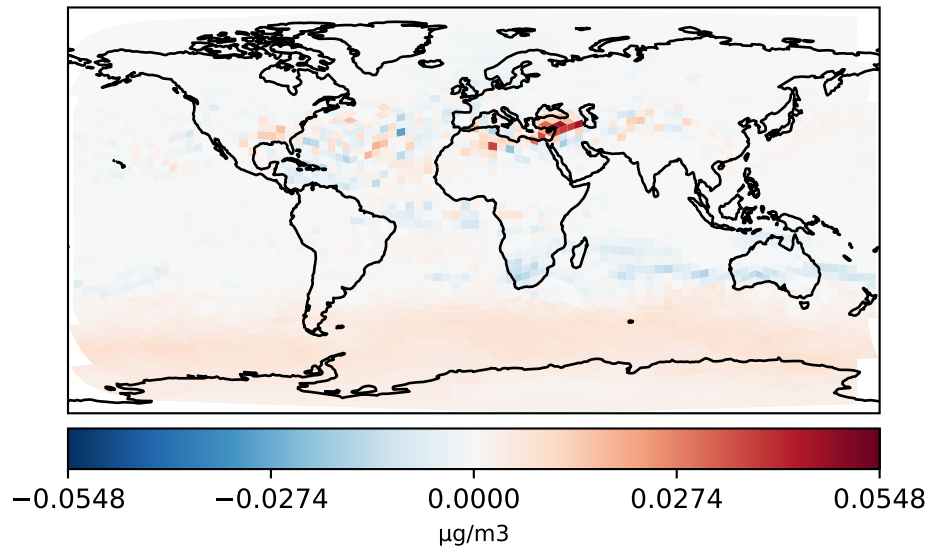
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



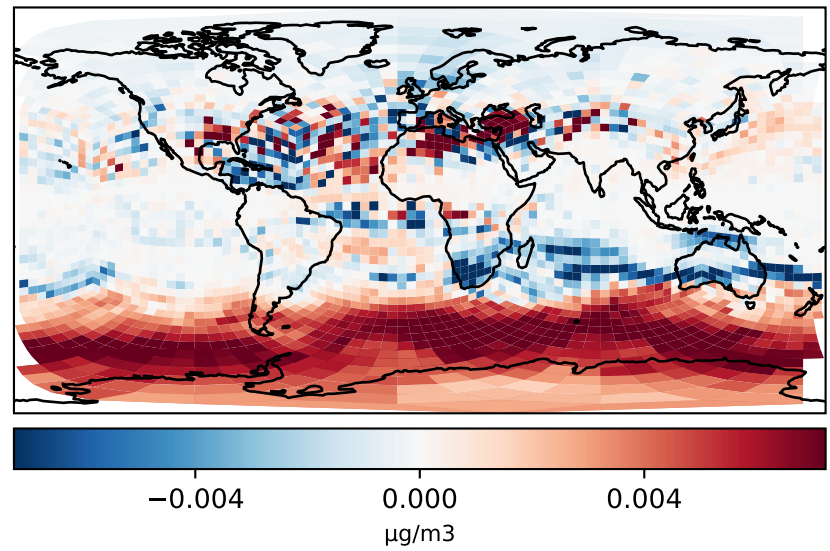
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



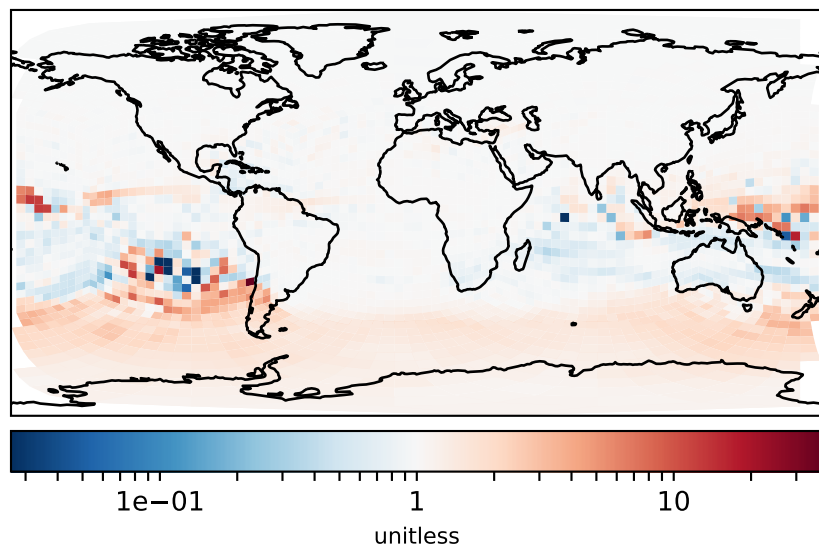
Difference  
Dev - Ref, Dynamic Range



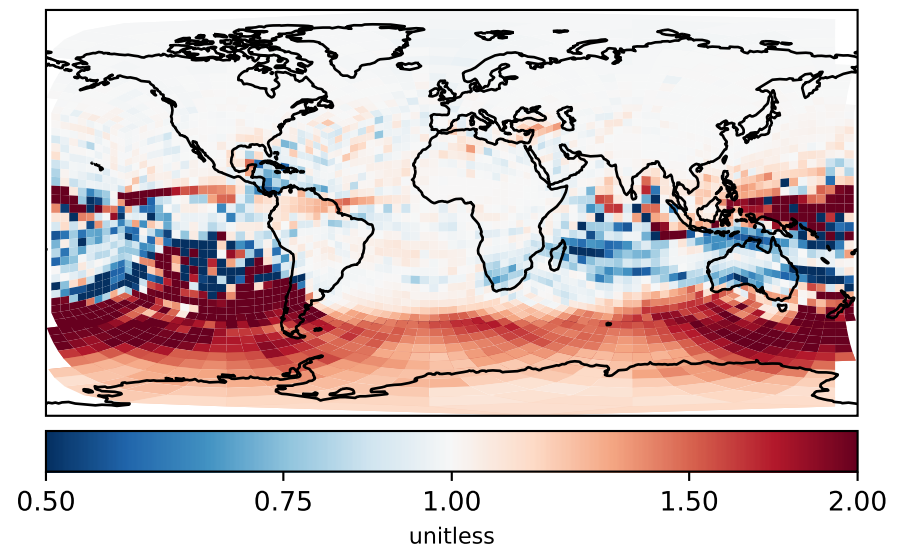
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

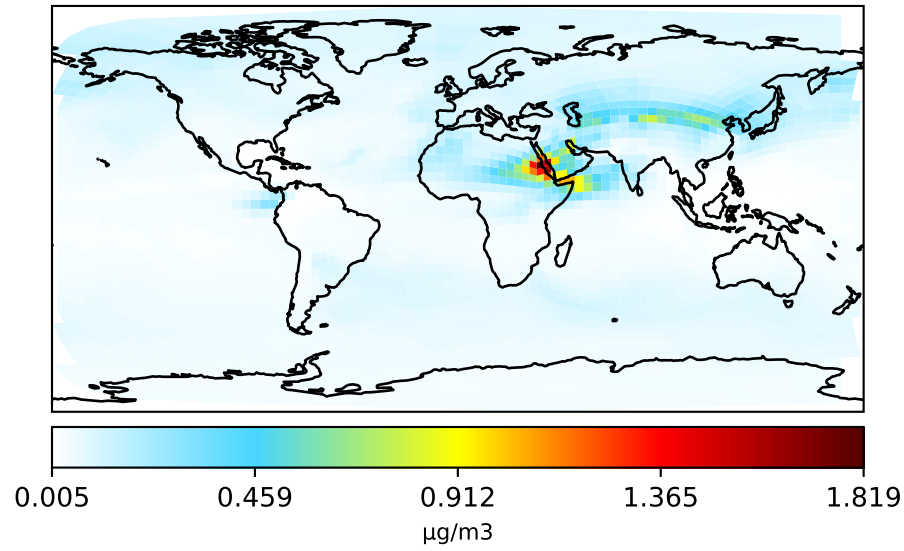


Ratio  
Dev/Ref, Fixed Range

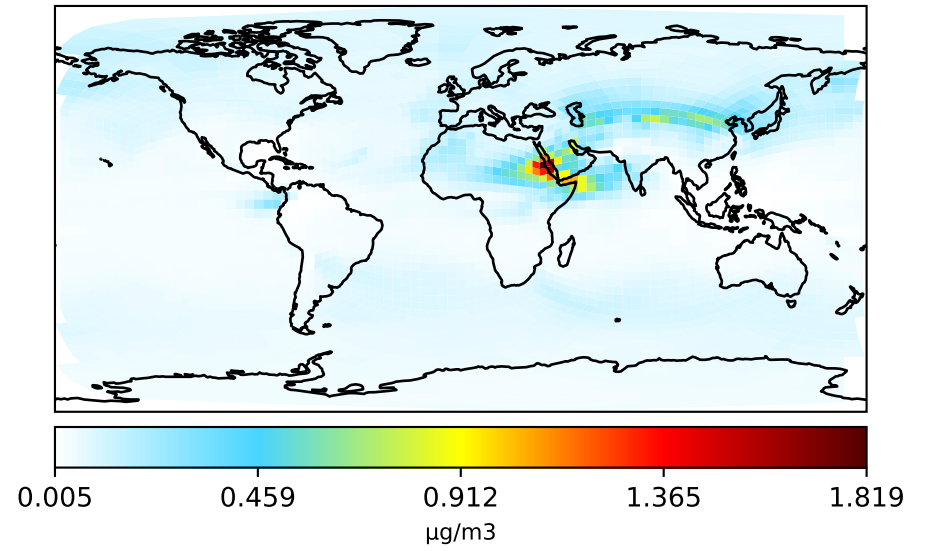


# SpeciesConcVV\_S04

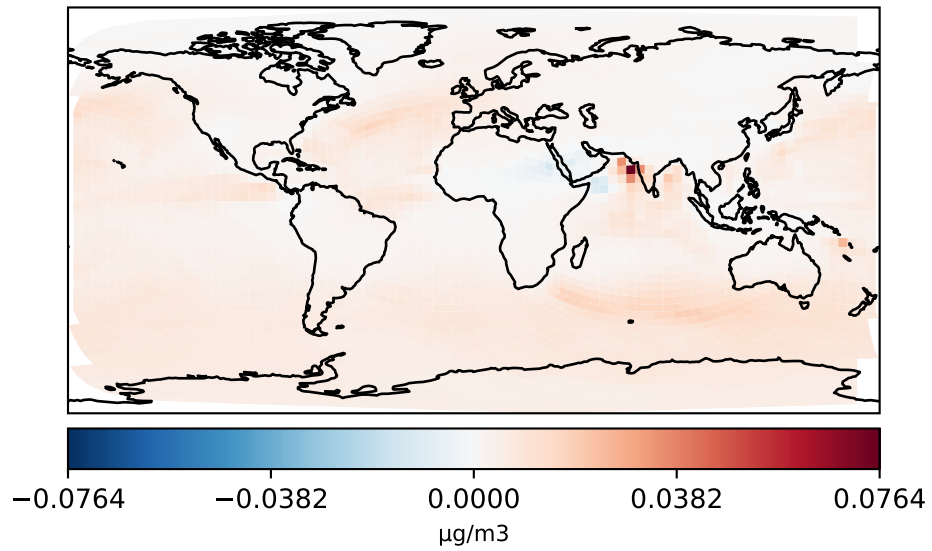
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



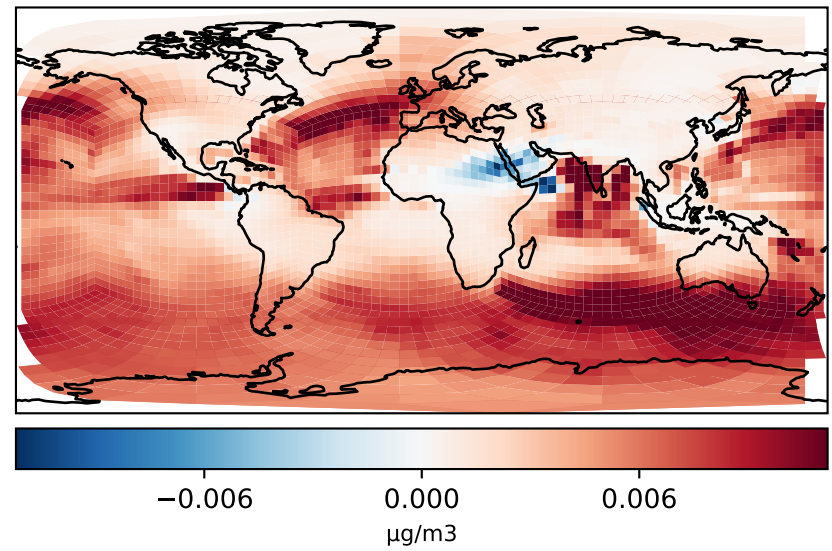
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



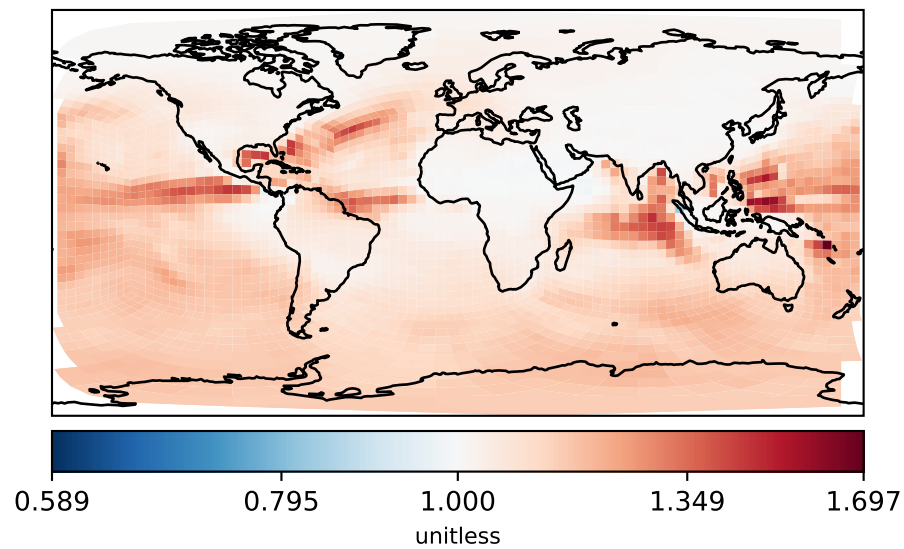
Difference  
Dev - Ref, Dynamic Range



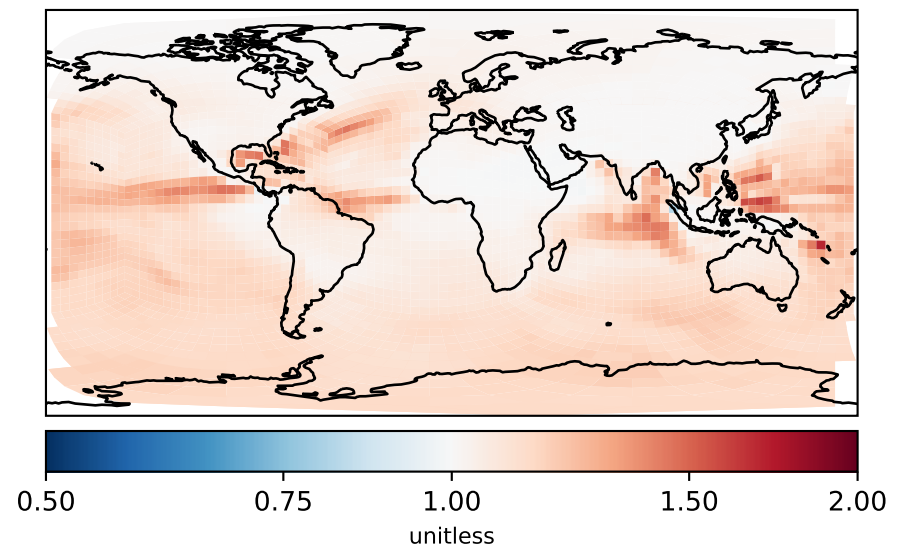
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



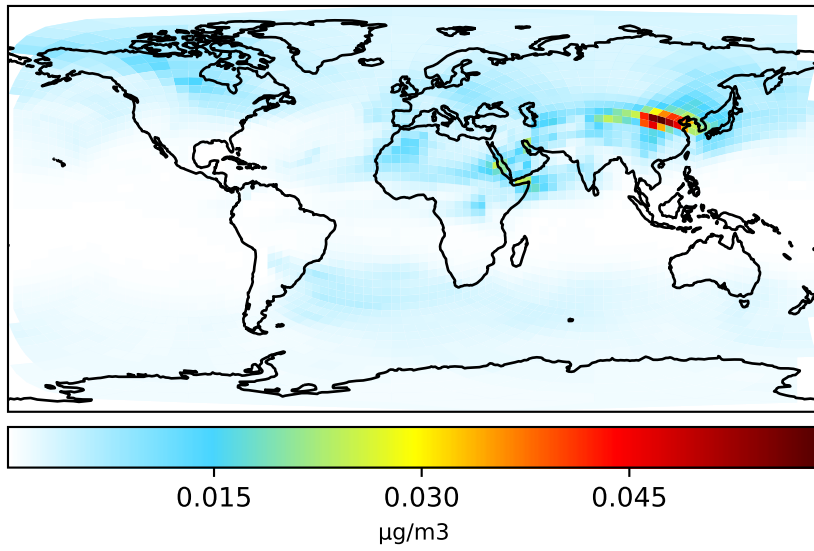
Ratio  
Dev/Ref, Fixed Range



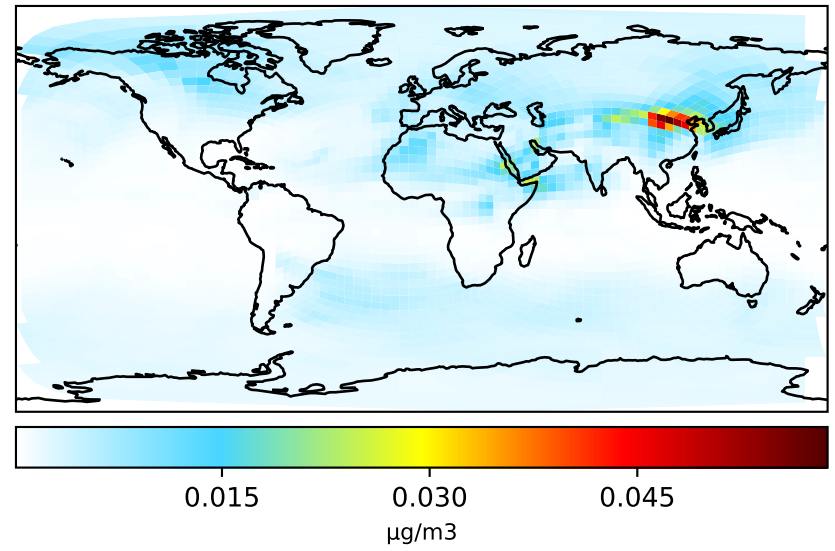


# SpeciesConcVV\_HMS

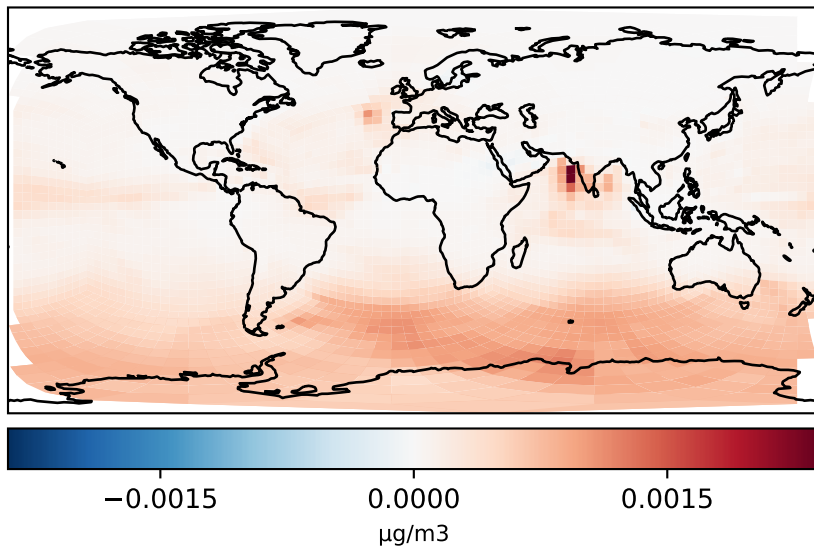
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



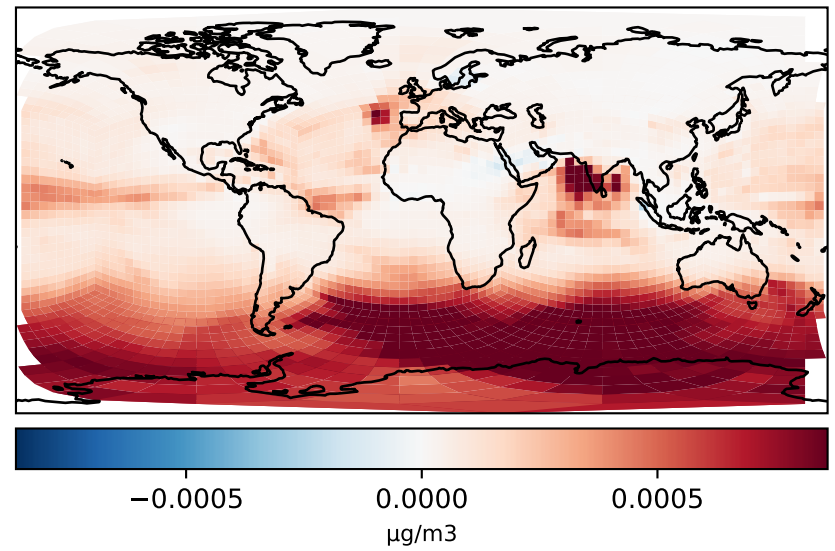
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



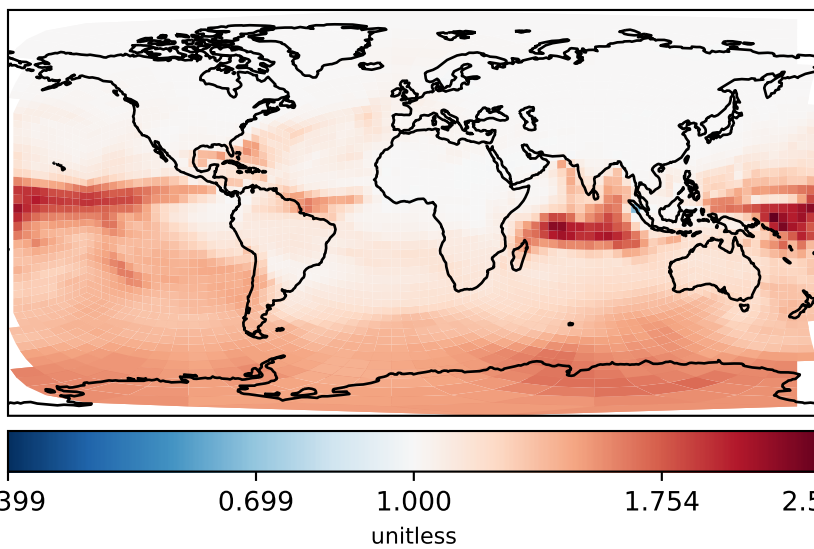
Difference  
Dev - Ref, Dynamic Range



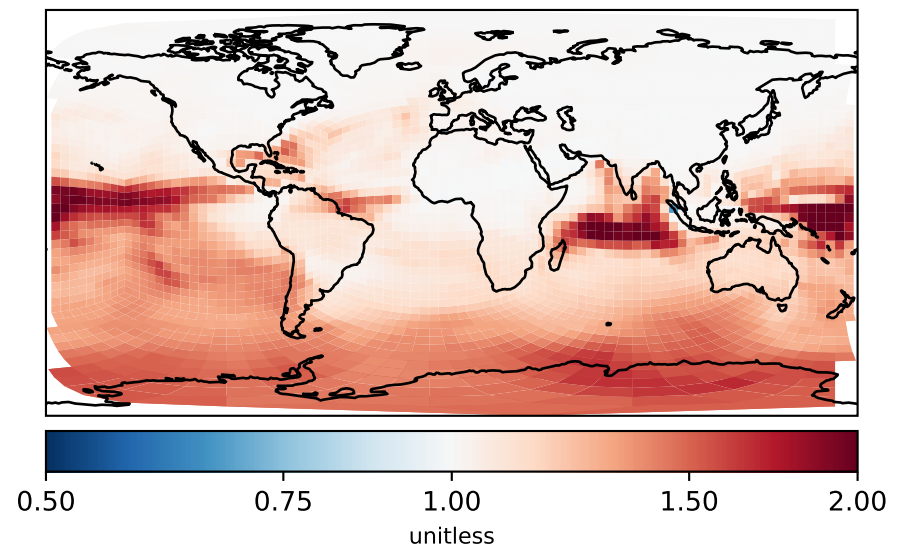
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

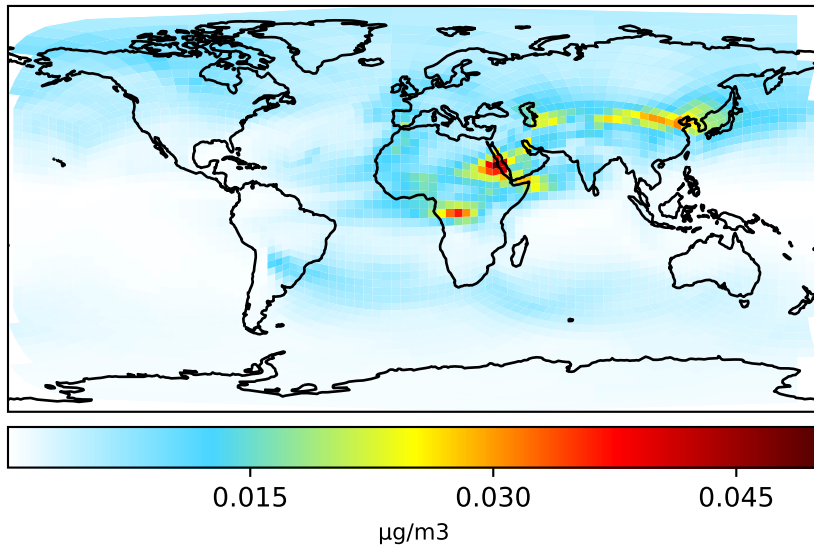


Ratio  
Dev/Ref, Fixed Range

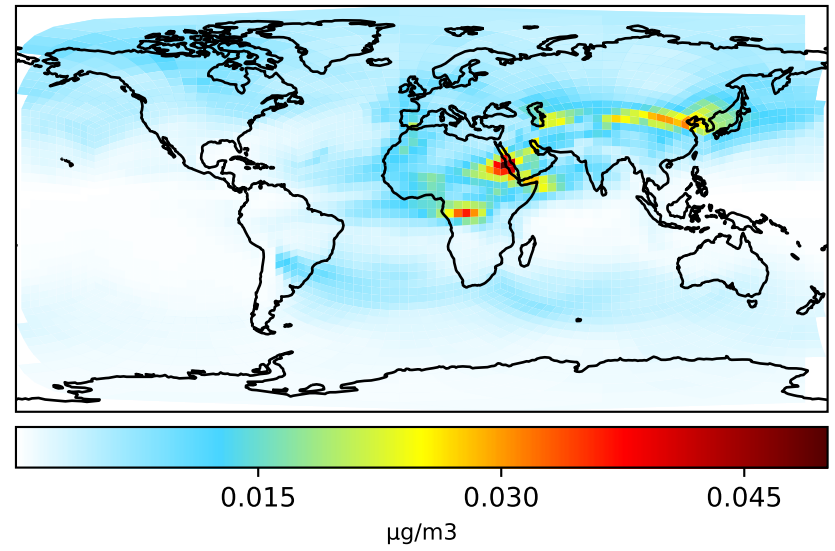


# SpeciesConcVW\_BCPI

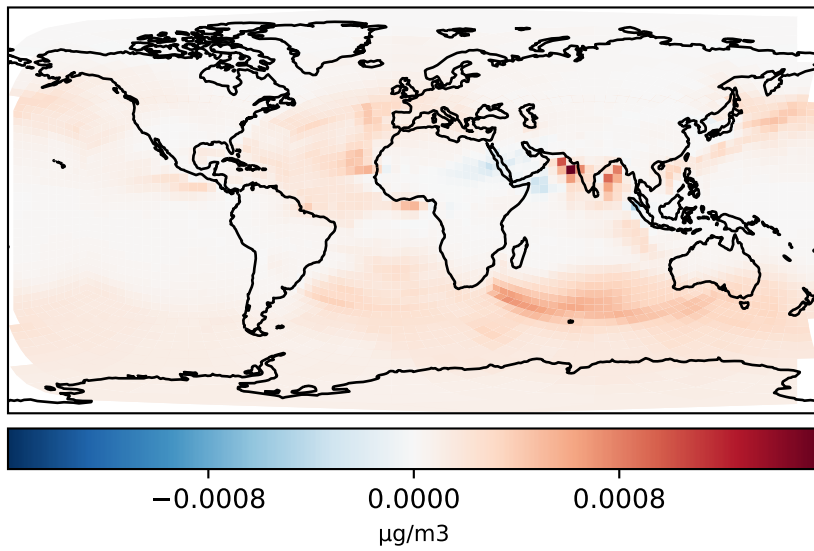
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



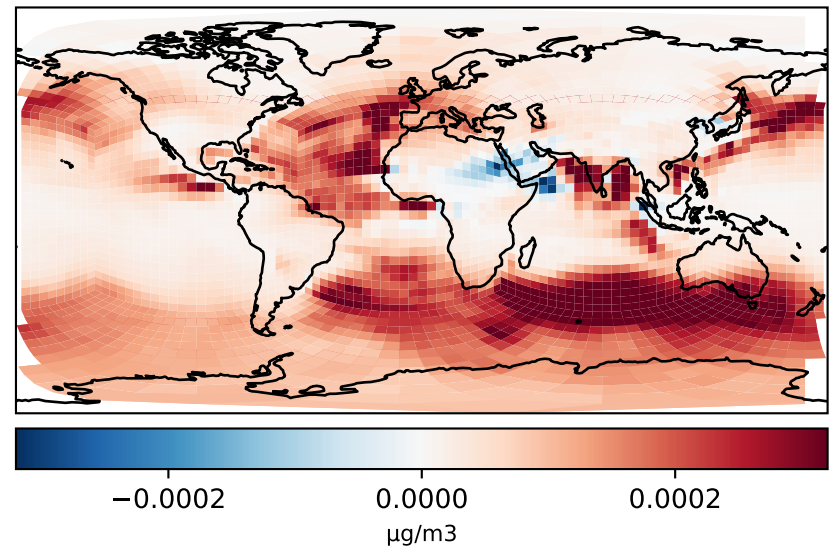
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



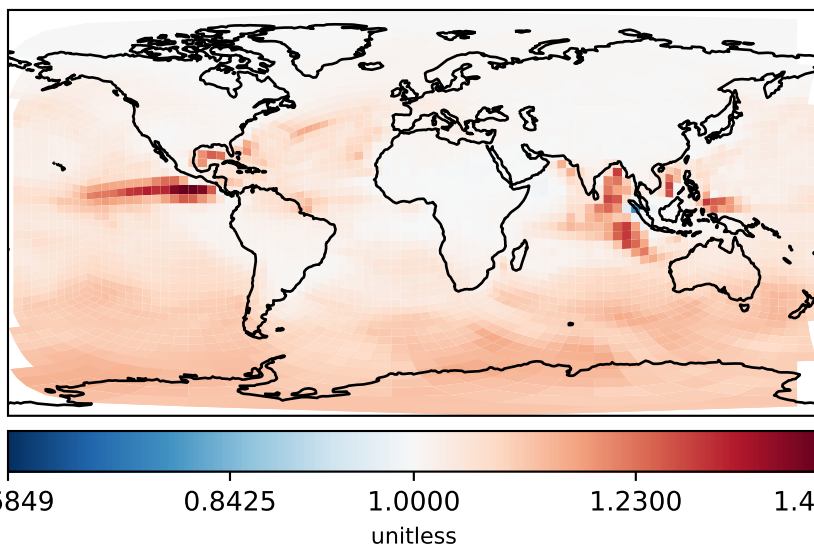
Difference  
Dev - Ref, Dynamic Range



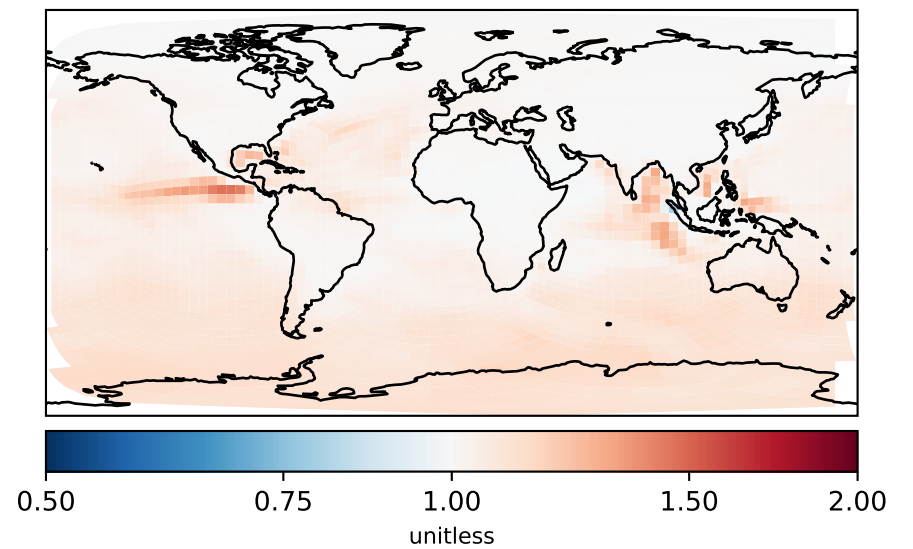
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

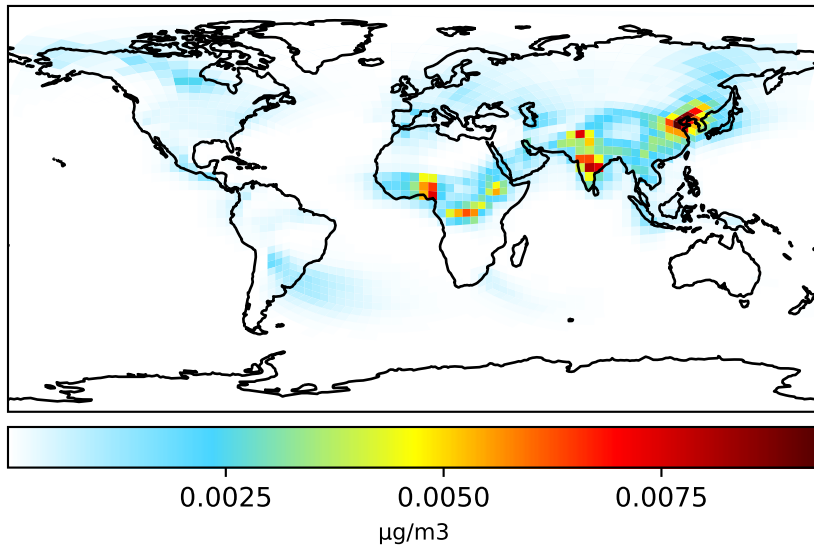


Ratio  
Dev/Ref, Fixed Range

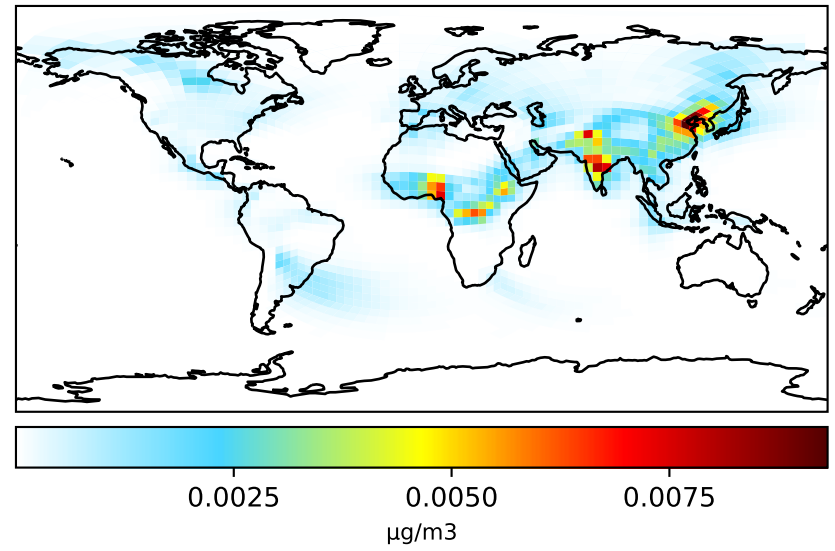


# SpeciesConcVW\_BCPO

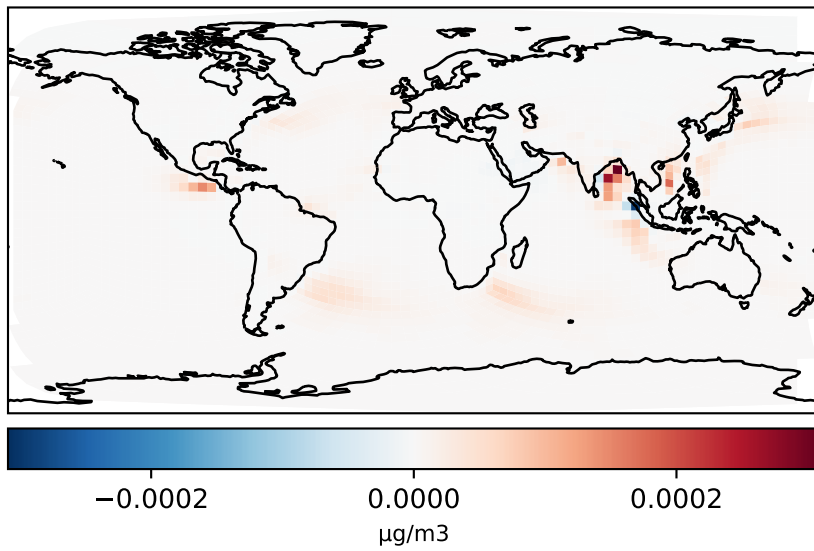
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



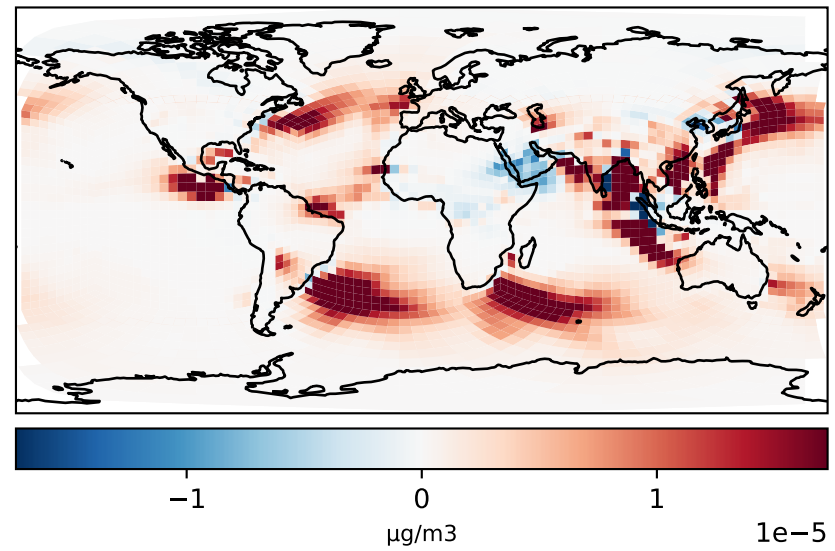
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



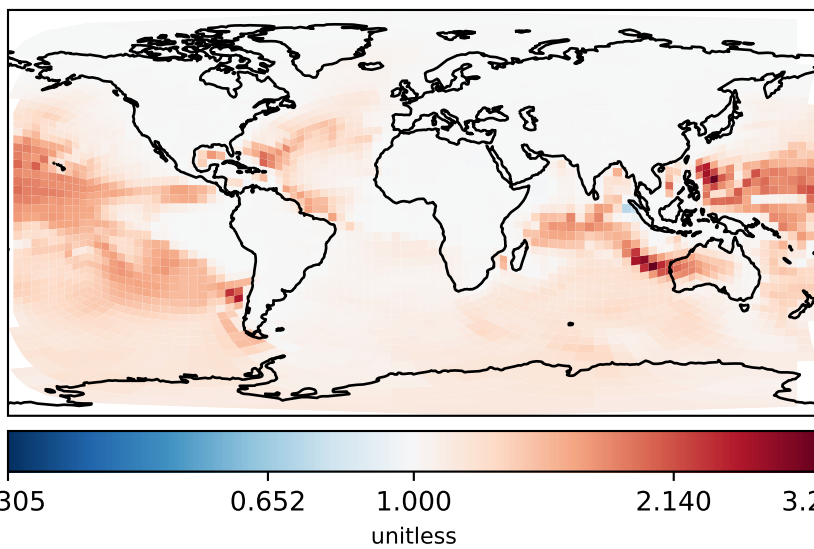
Difference  
Dev - Ref, Dynamic Range



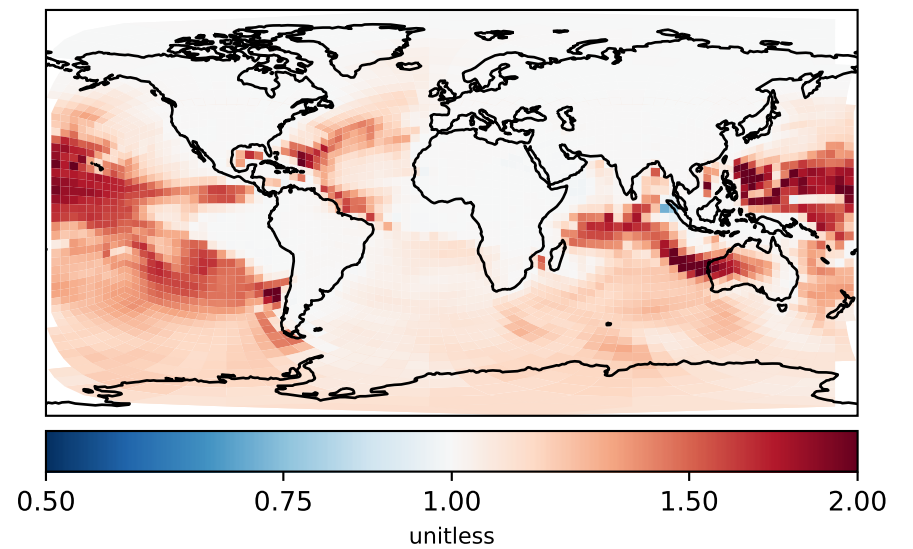
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



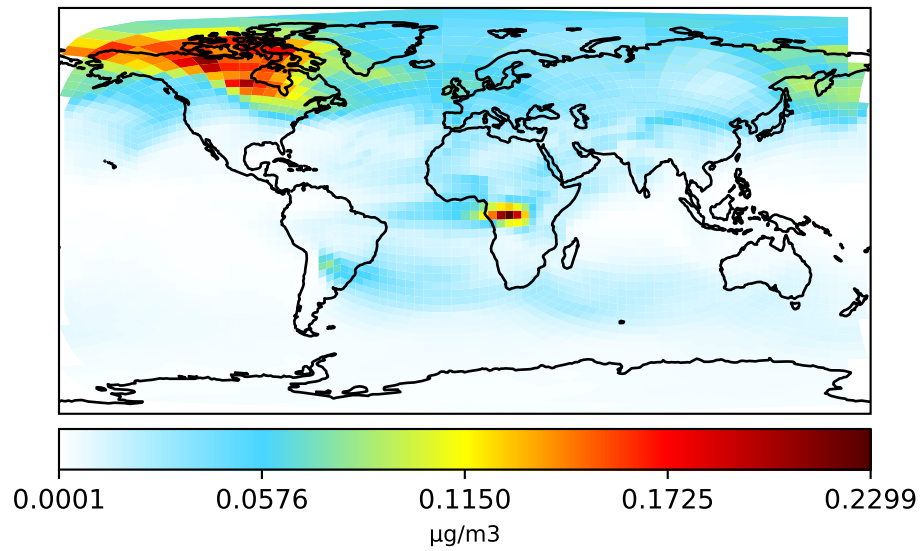
Ratio  
Dev/Ref, Fixed Range



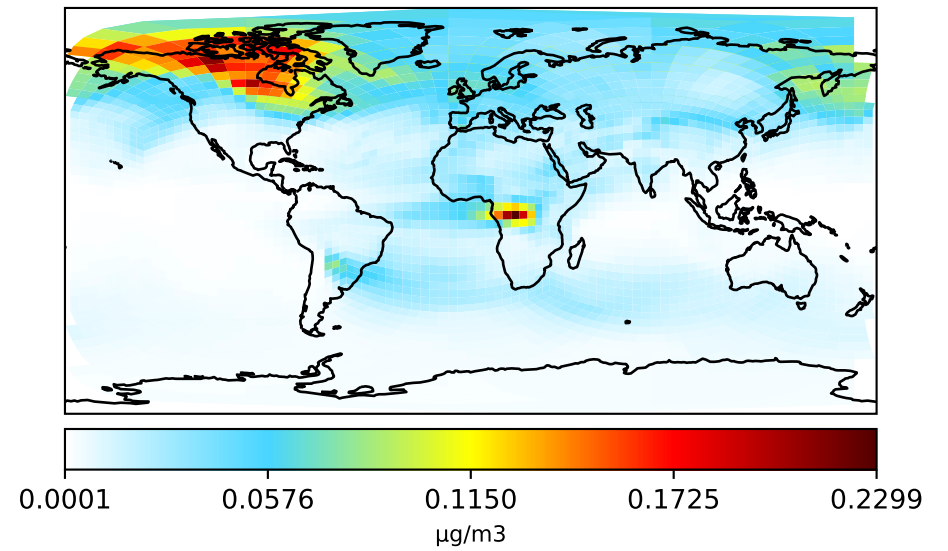


# SpeciesConcVV\_OCPI

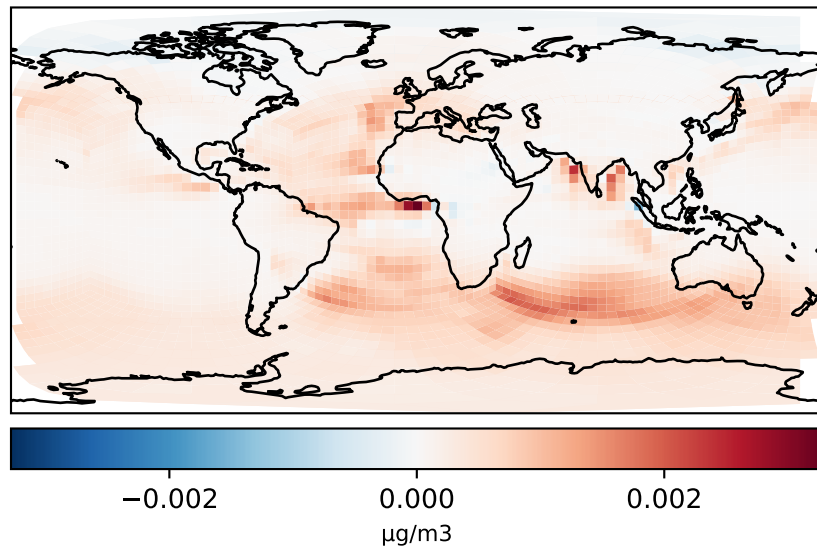
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



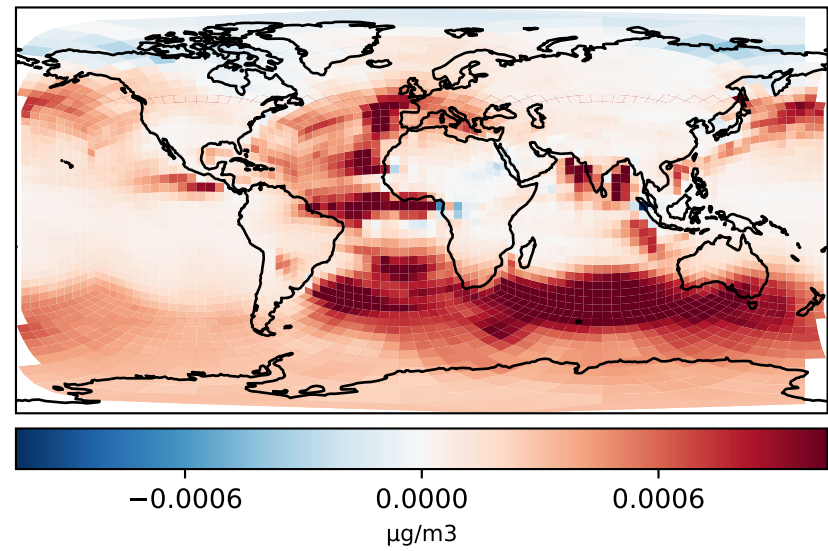
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



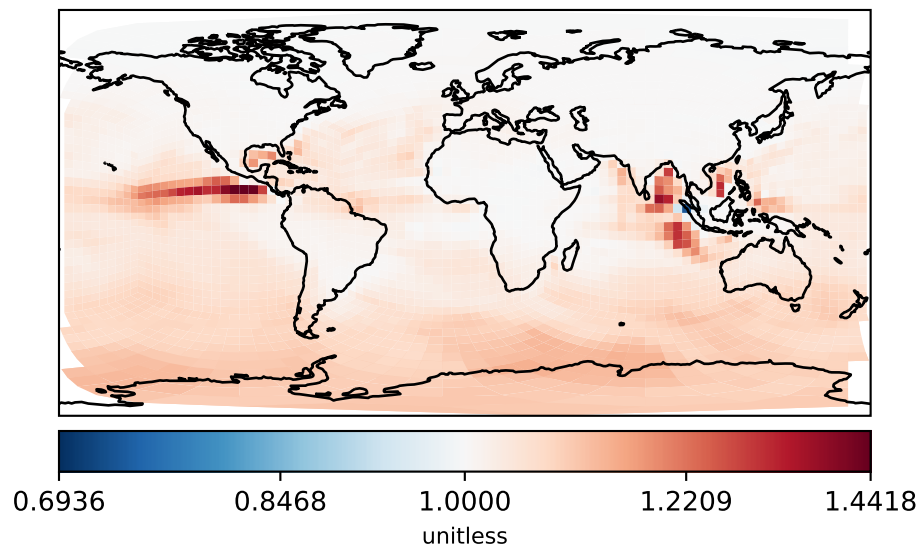
Difference  
Dev - Ref, Dynamic Range



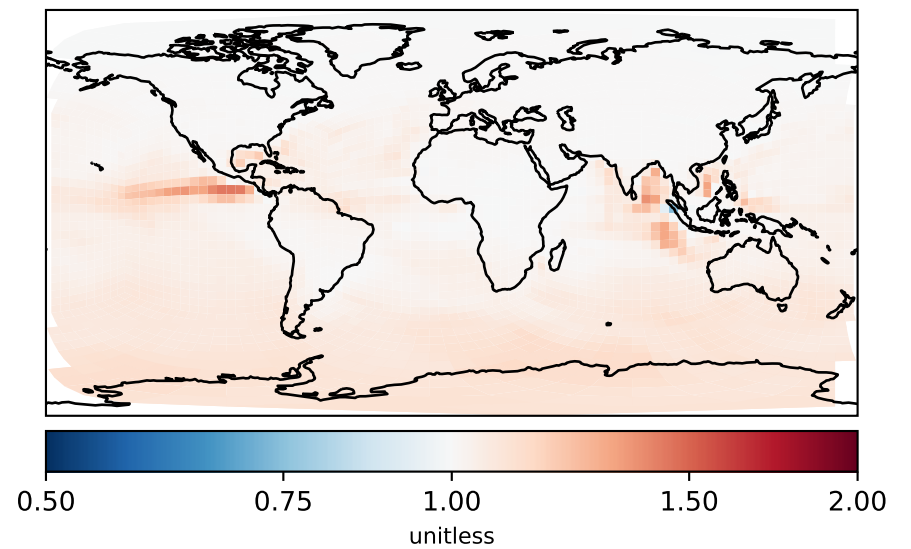
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

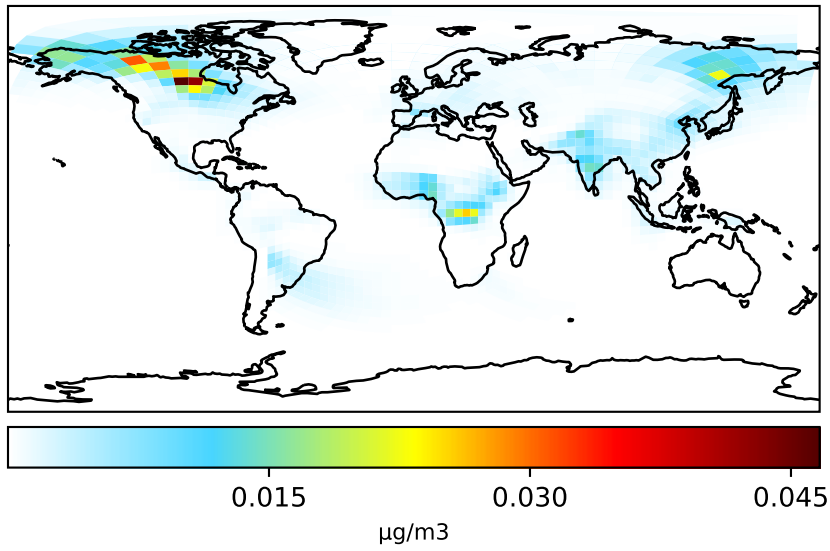


Ratio  
Dev/Ref, Fixed Range

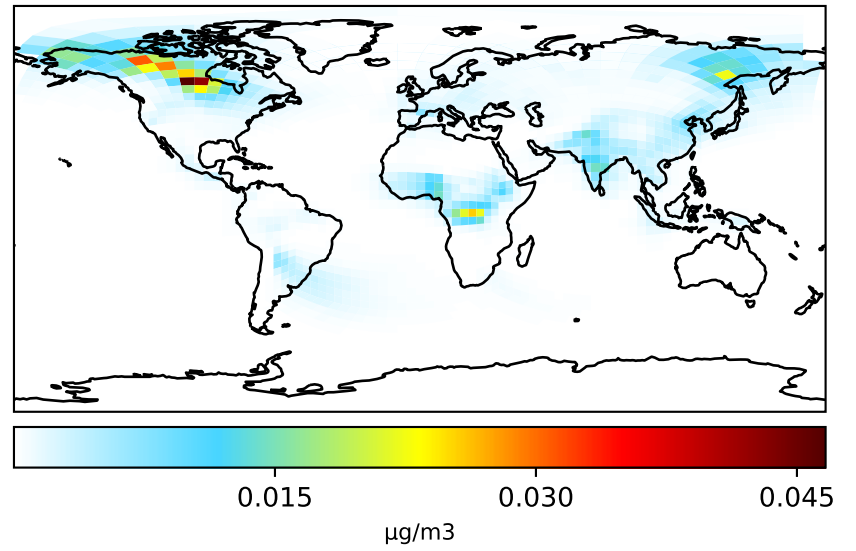


# SpeciesConcVV\_OCPO

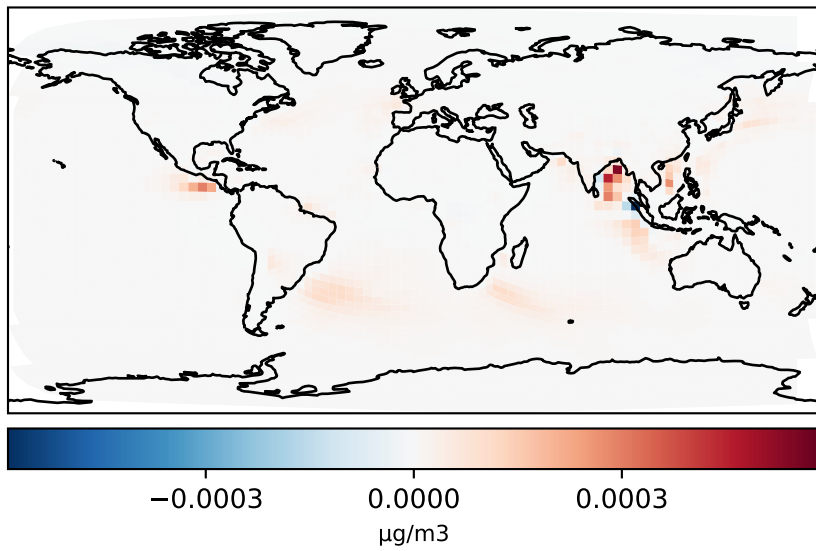
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



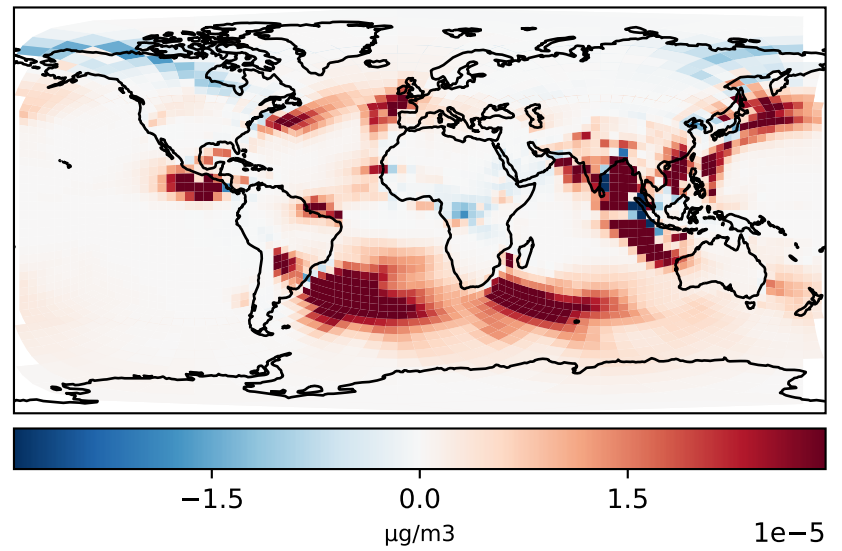
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



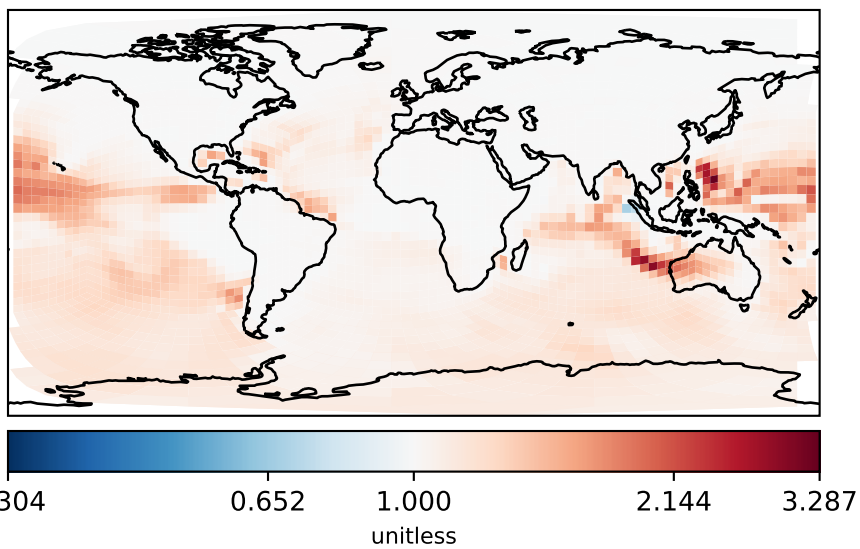
Difference  
Dev - Ref, Dynamic Range



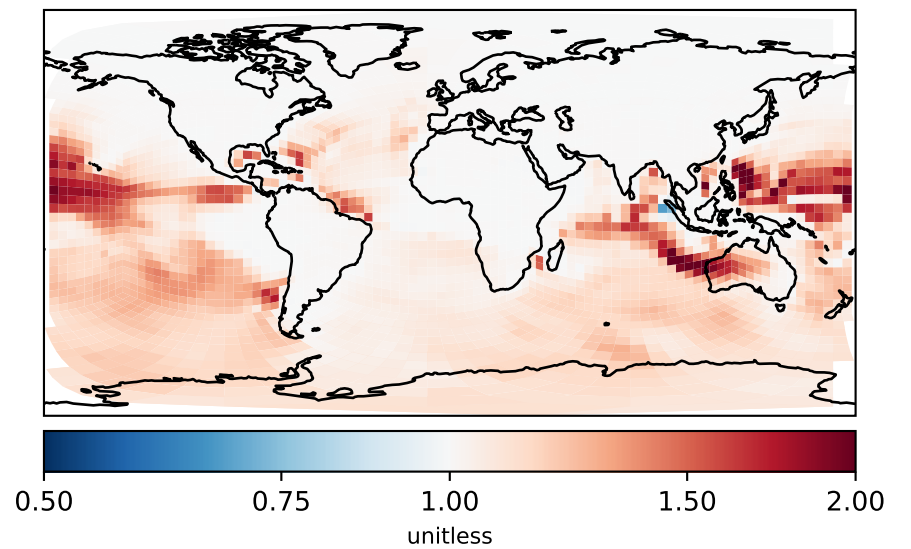
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

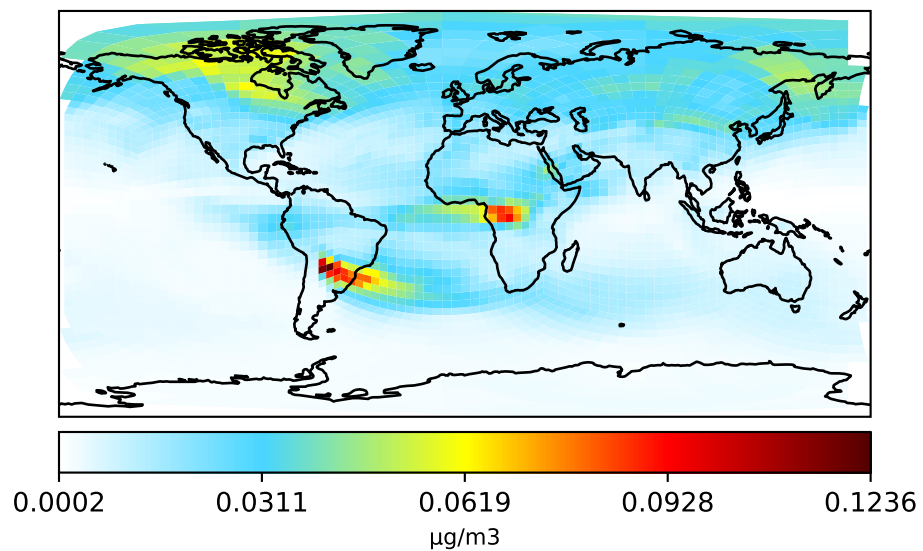


Ratio  
Dev/Ref, Fixed Range

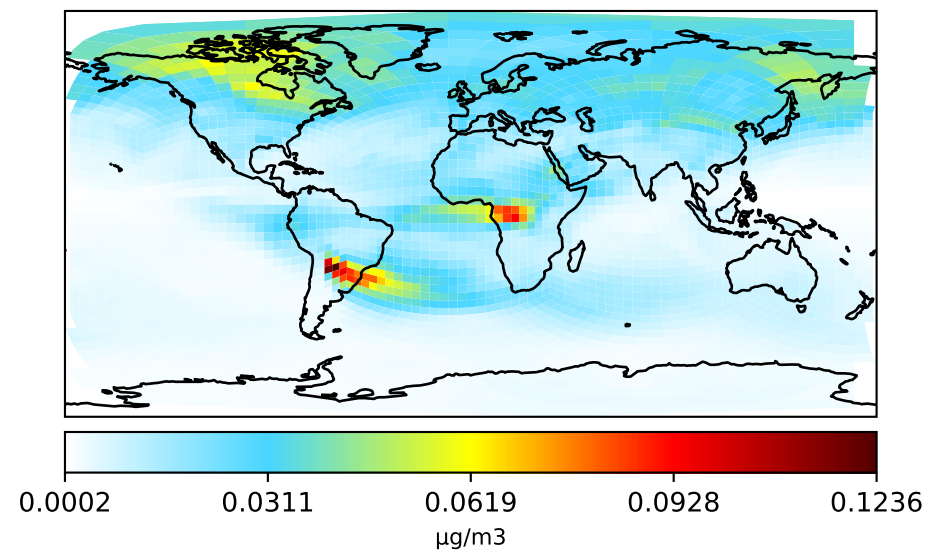


# SpeciesConcVV\_Complex\_SOA

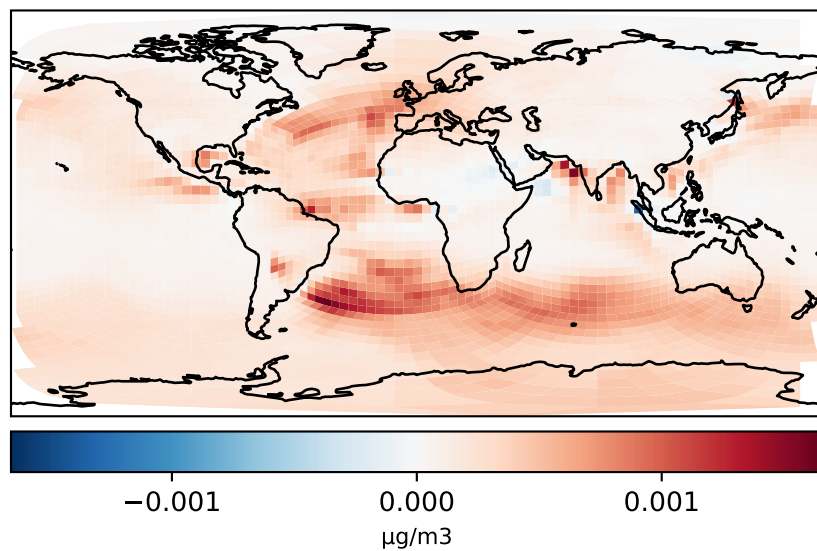
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



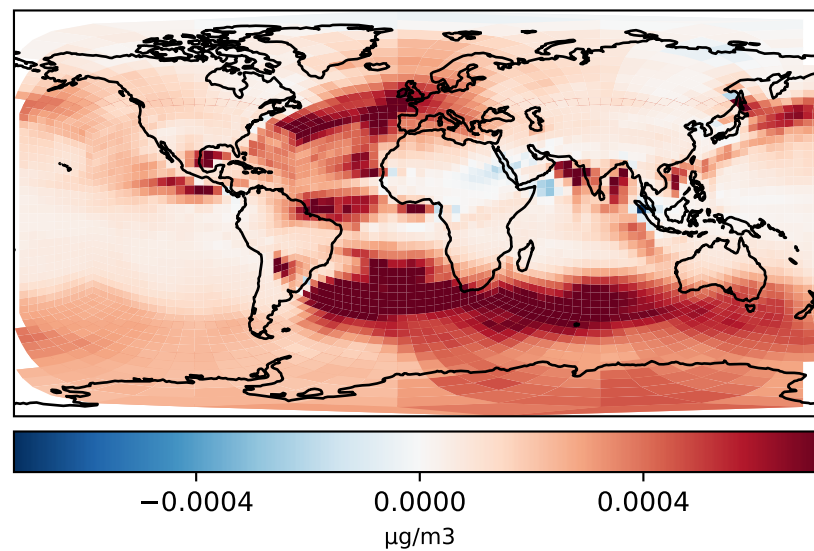
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



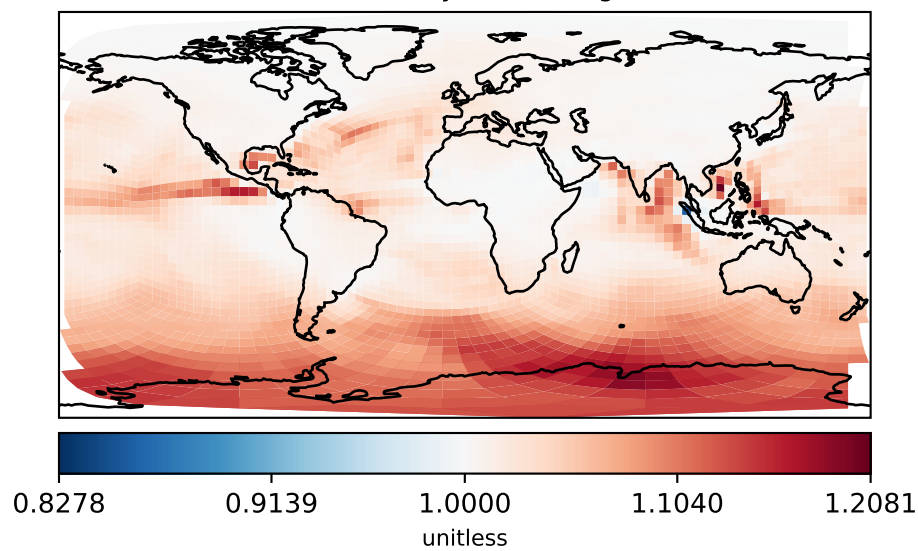
Difference  
Dev - Ref, Dynamic Range



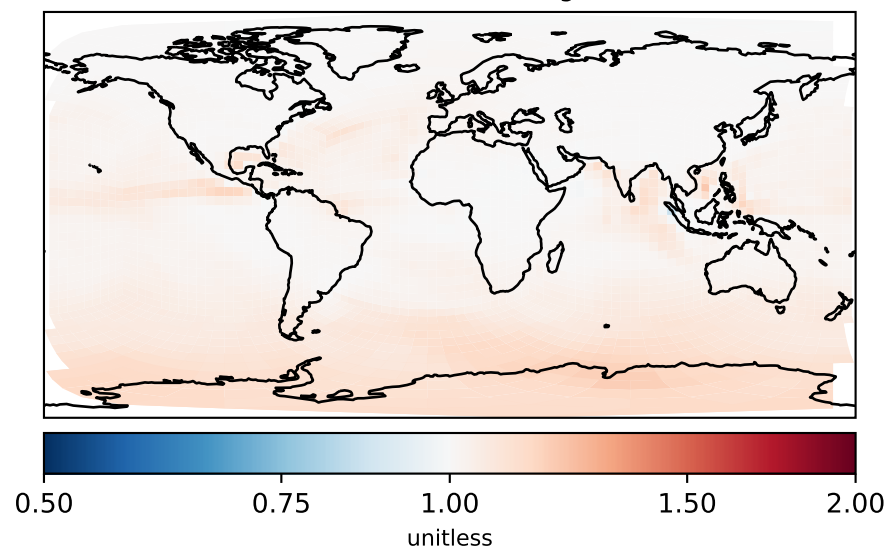
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



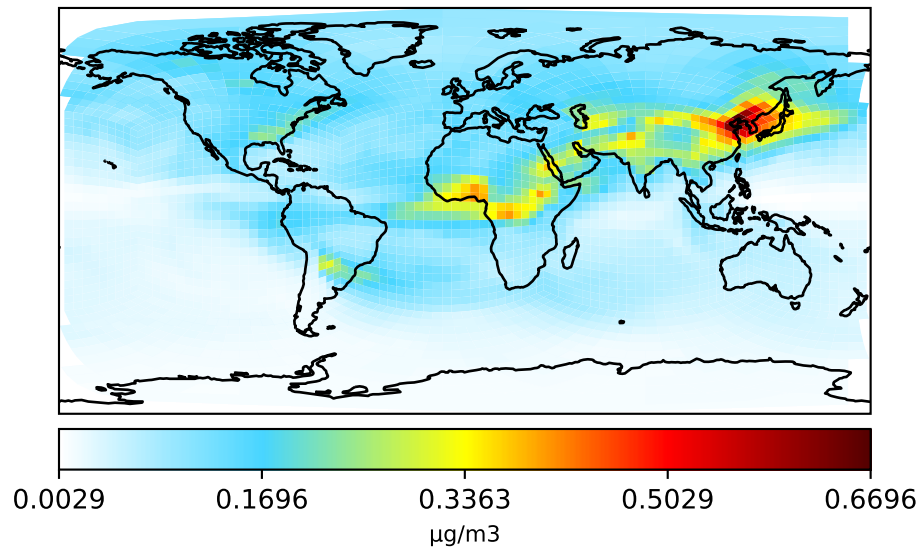
Ratio  
Dev/Ref, Fixed Range



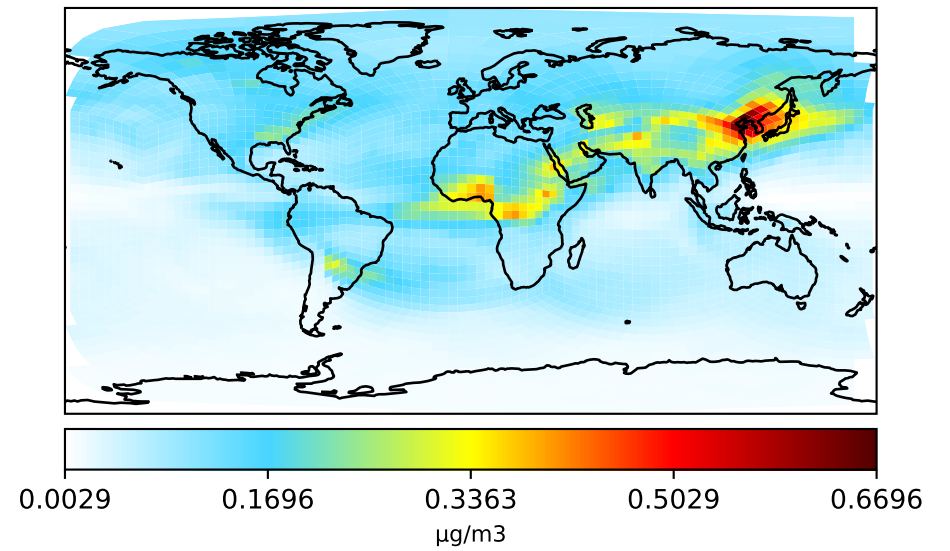


# SpeciesConcVV\_Simple\_SOA

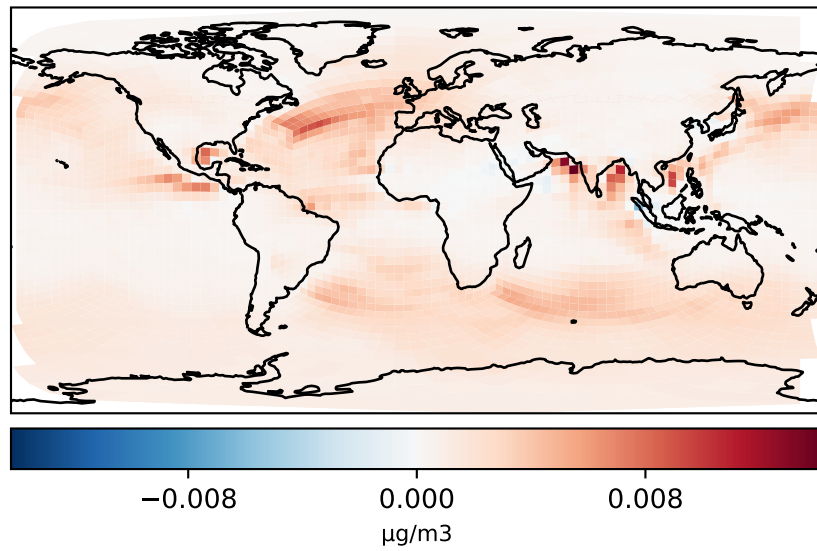
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



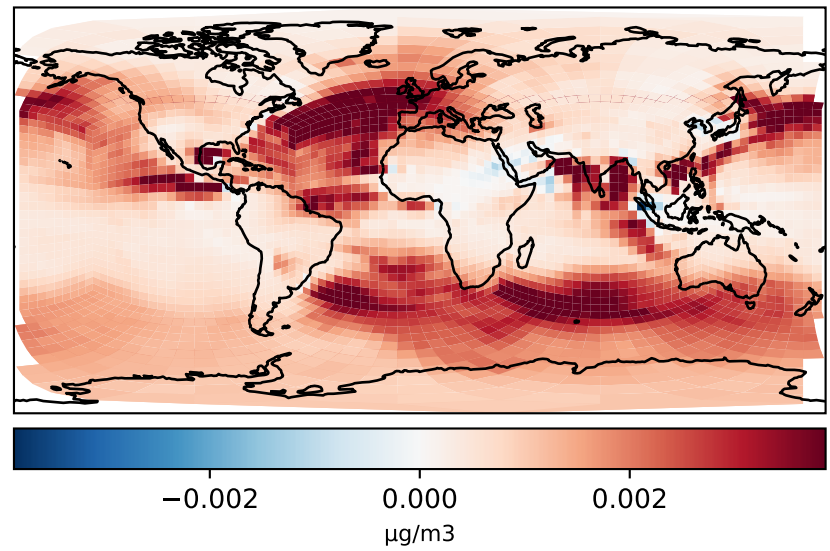
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



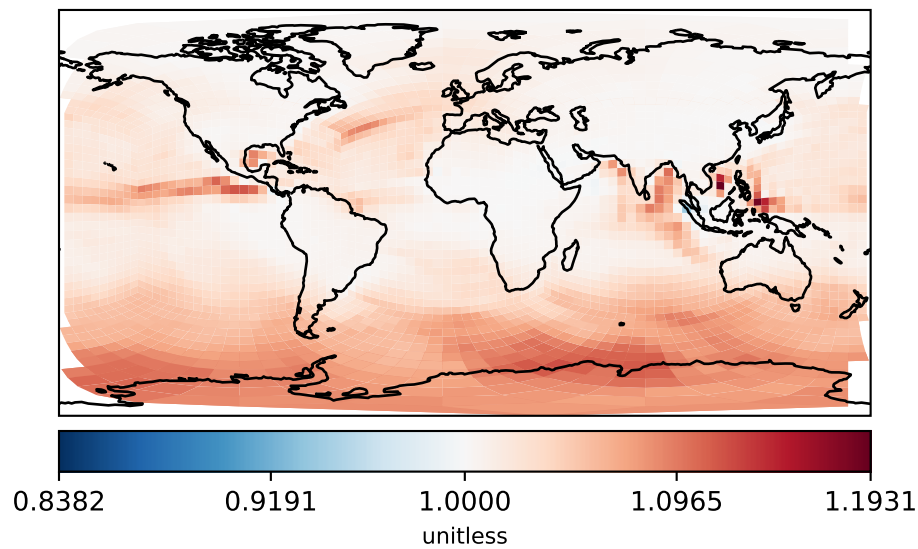
Difference  
Dev - Ref, Dynamic Range



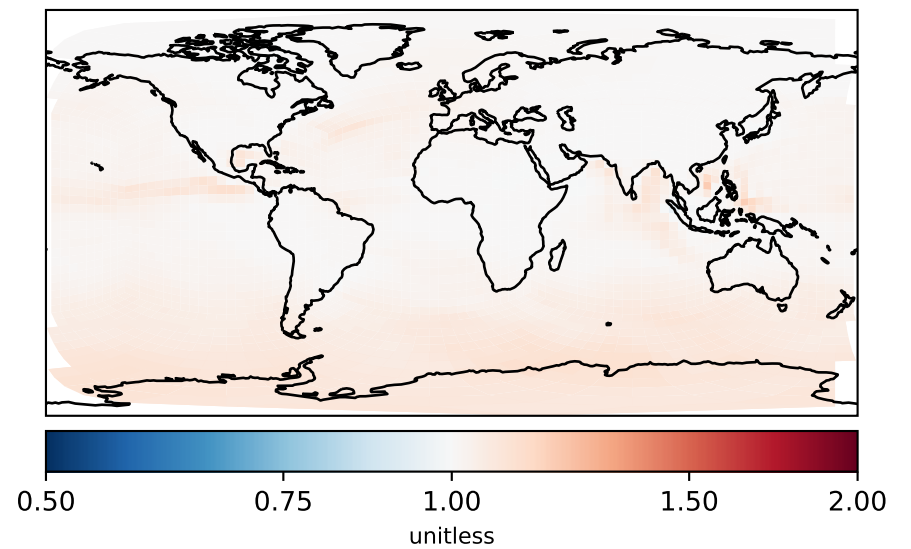
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

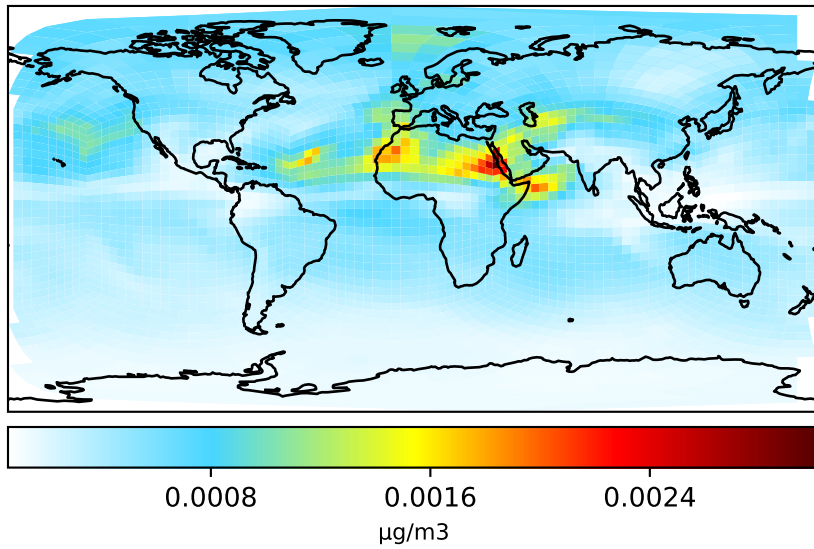


Ratio  
Dev/Ref, Fixed Range

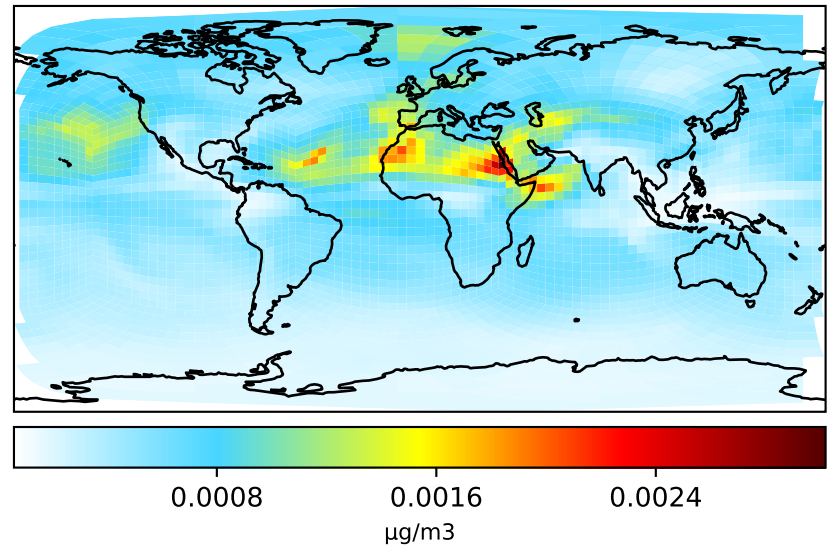


# SpeciesConcVV\_AERI

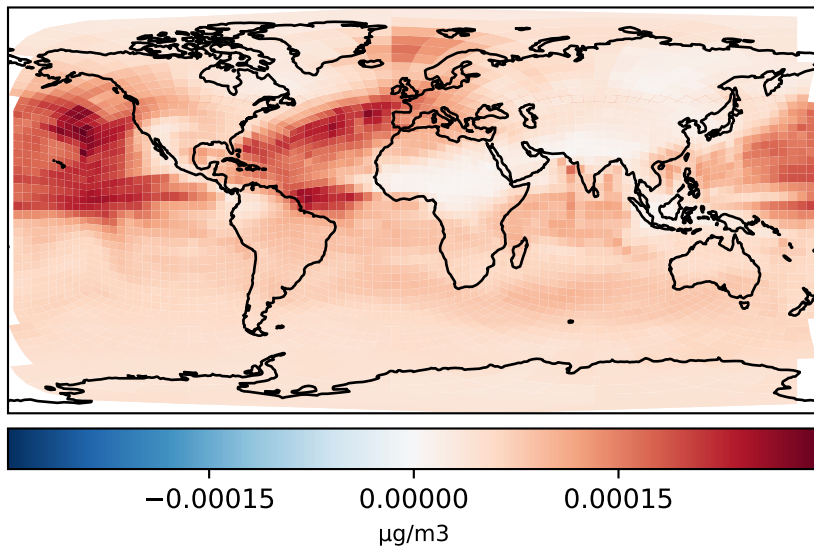
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



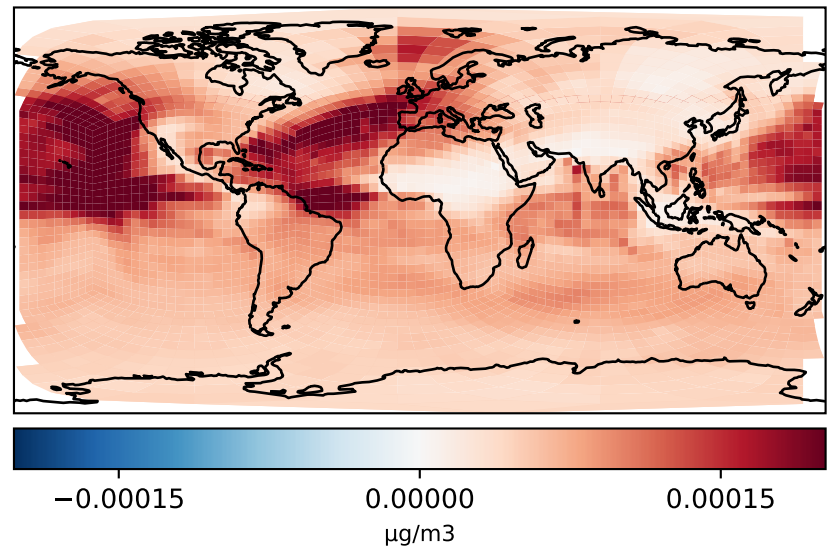
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



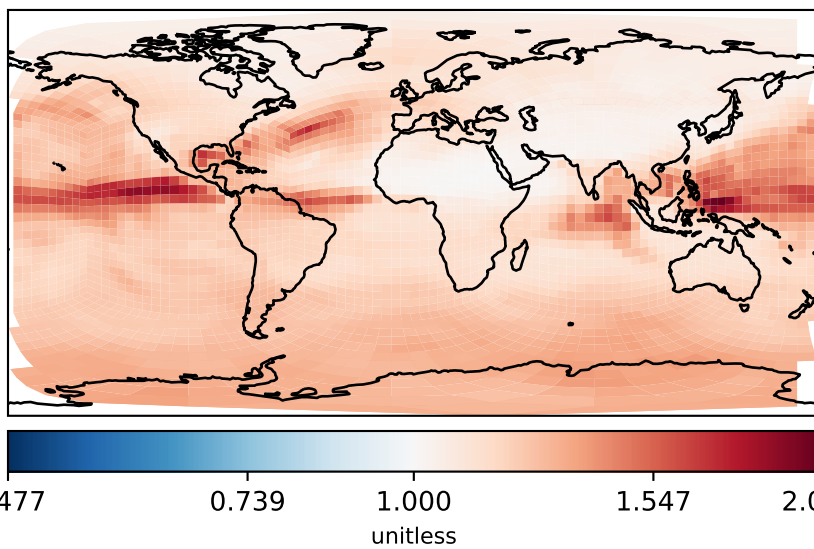
Difference  
Dev - Ref, Dynamic Range



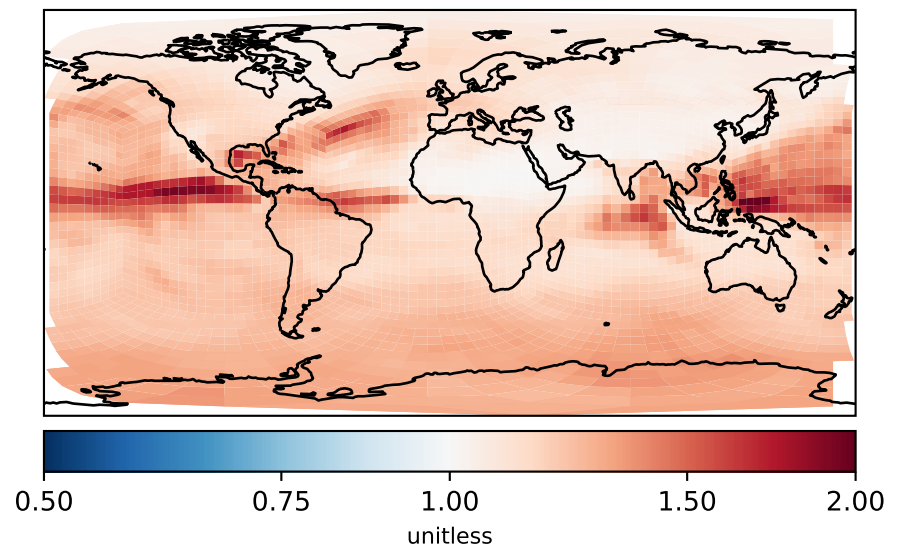
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



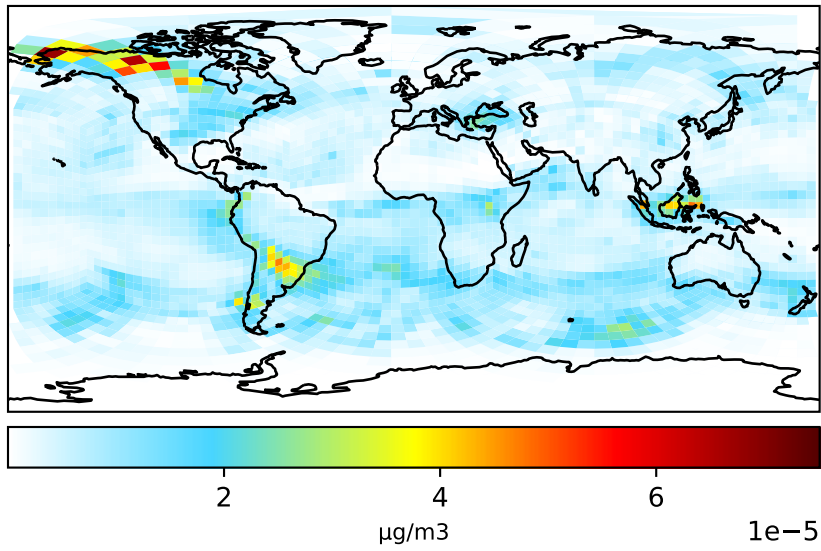
Ratio  
Dev/Ref, Fixed Range



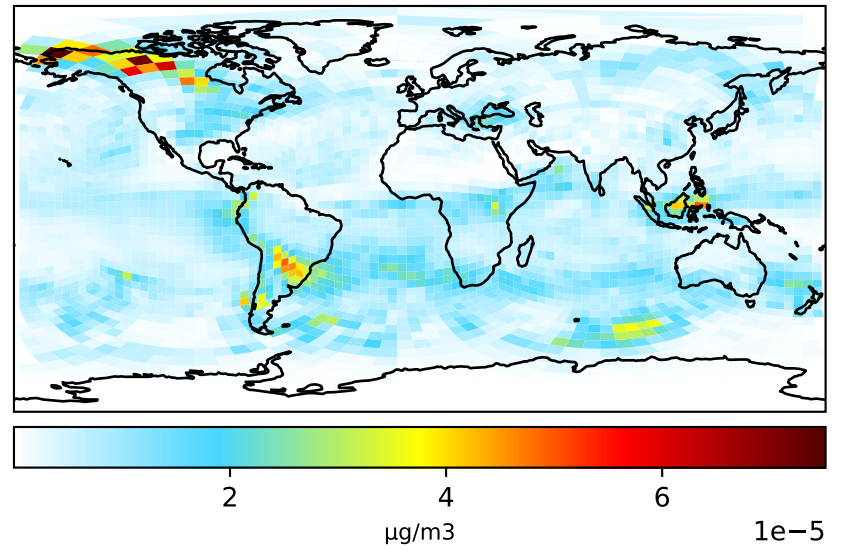


# SpeciesConcVW\_BrSALA

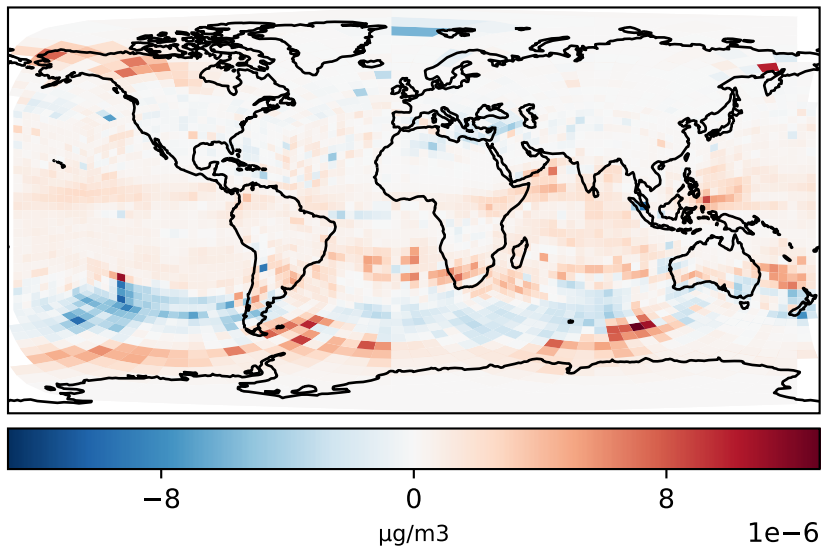
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



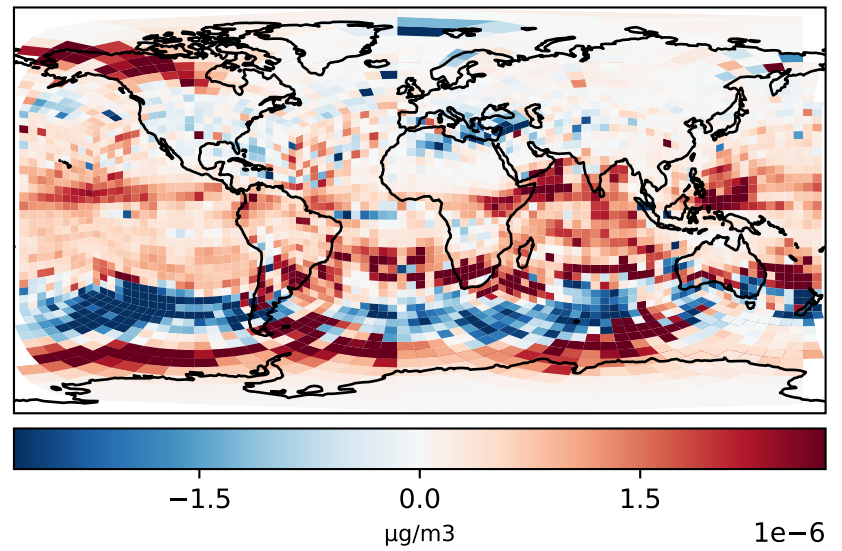
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



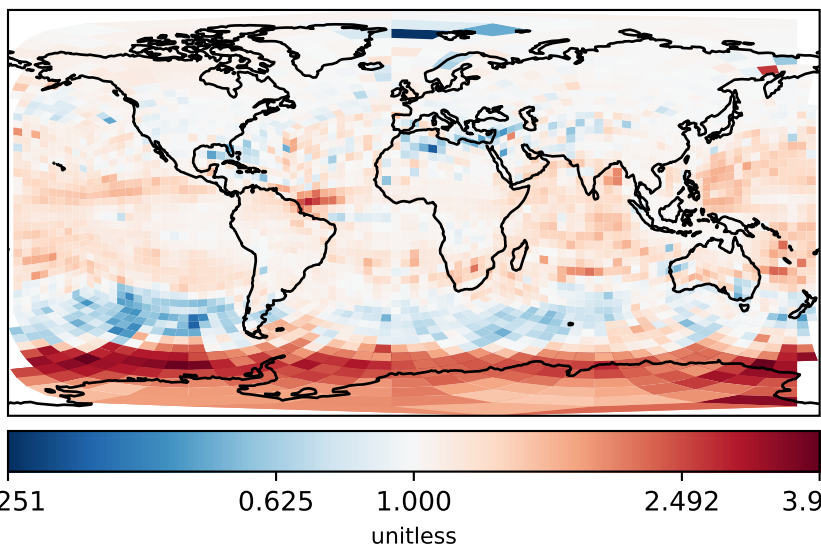
Difference  
Dev - Ref, Dynamic Range



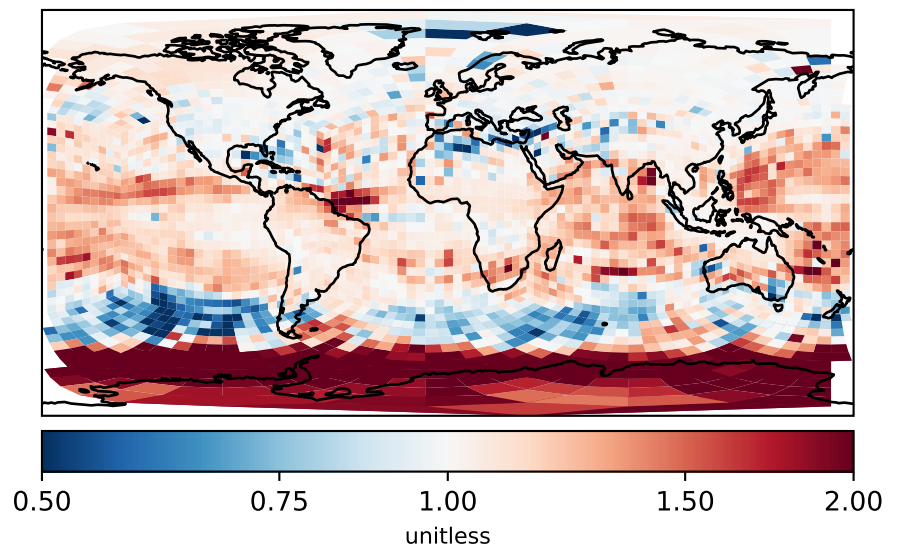
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



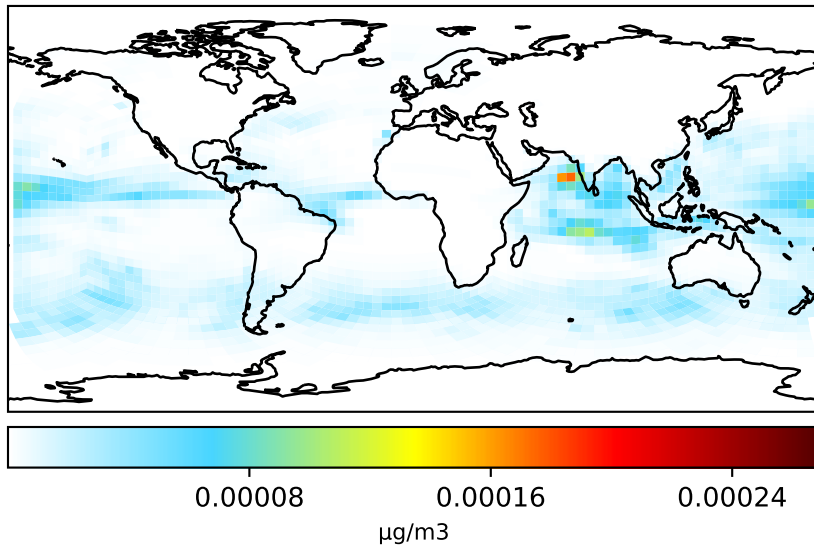
Ratio  
Dev/Ref, Fixed Range



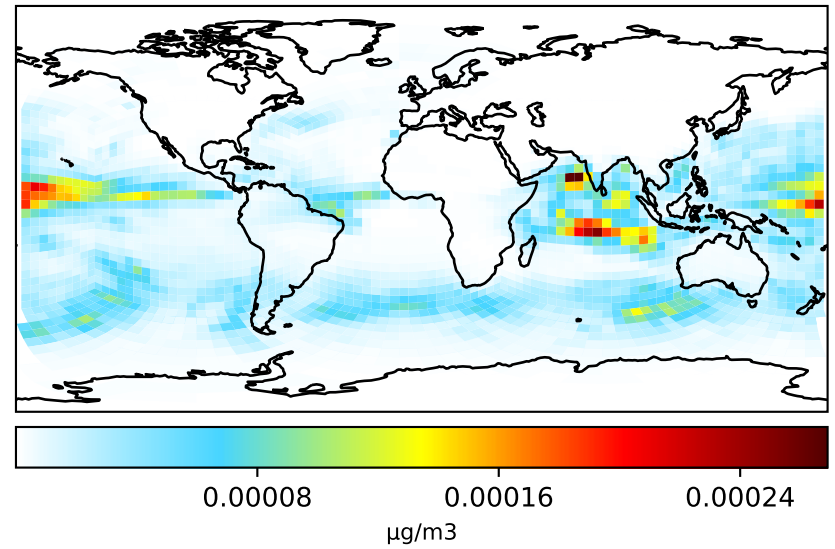


# SpeciesConcVW\_BrSALC

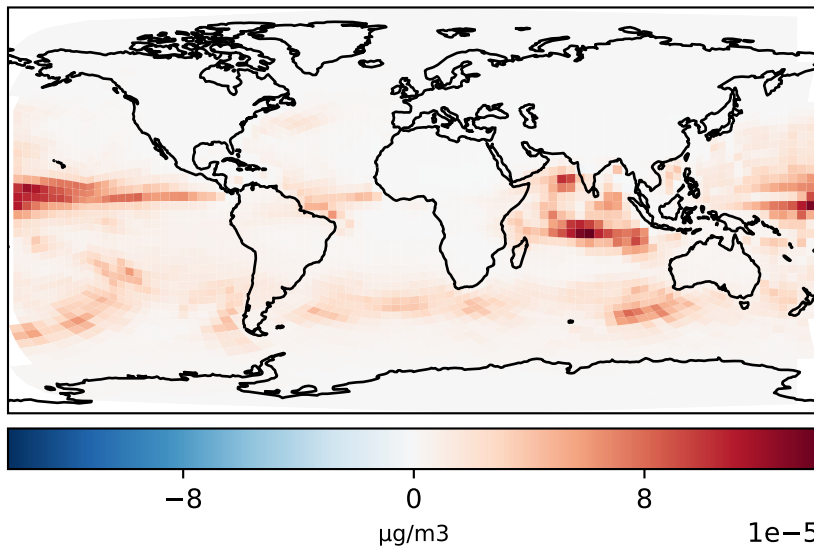
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



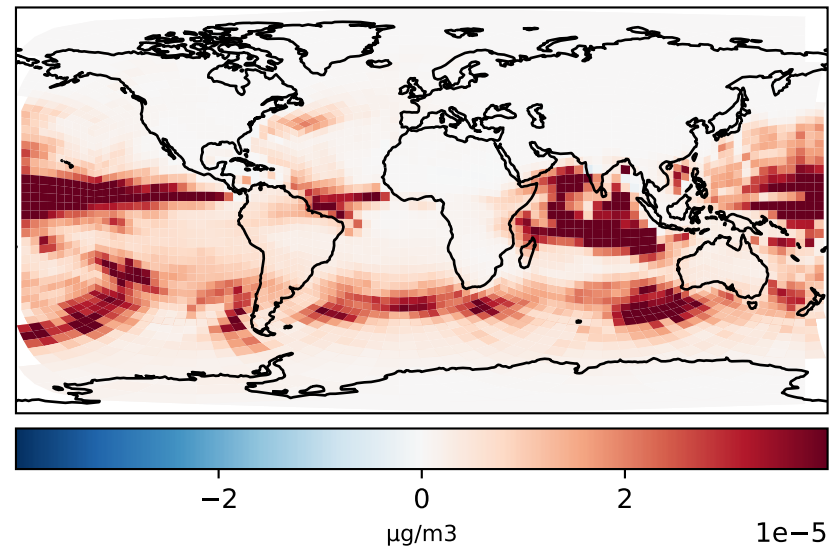
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



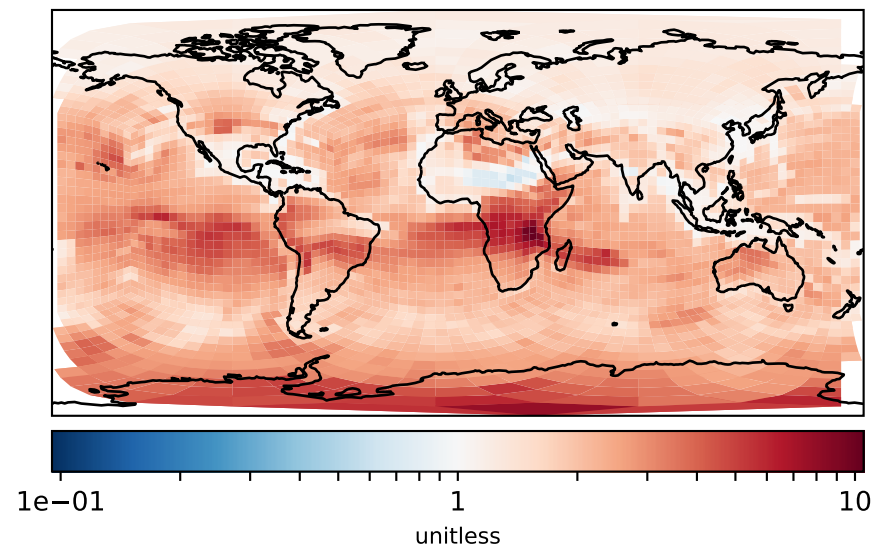
Difference  
Dev - Ref, Dynamic Range



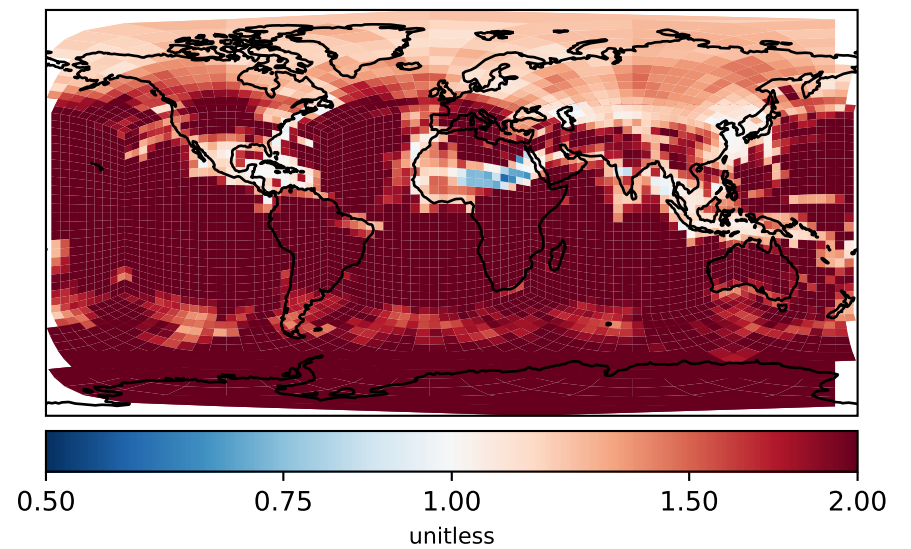
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

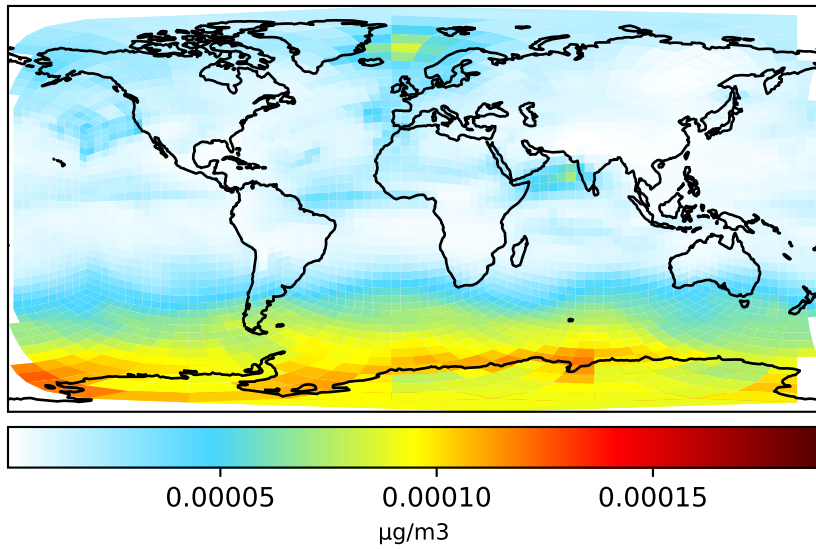


Ratio  
Dev/Ref, Fixed Range

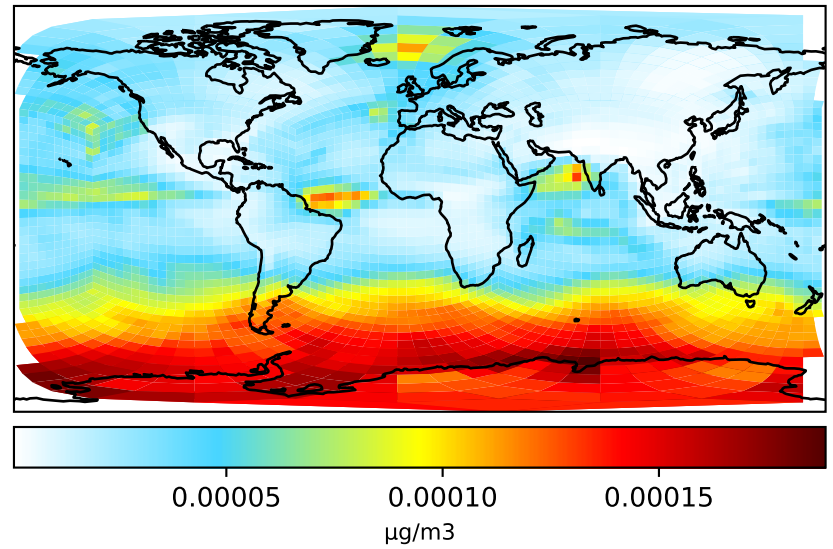


# SpeciesConcVV\_ISALA

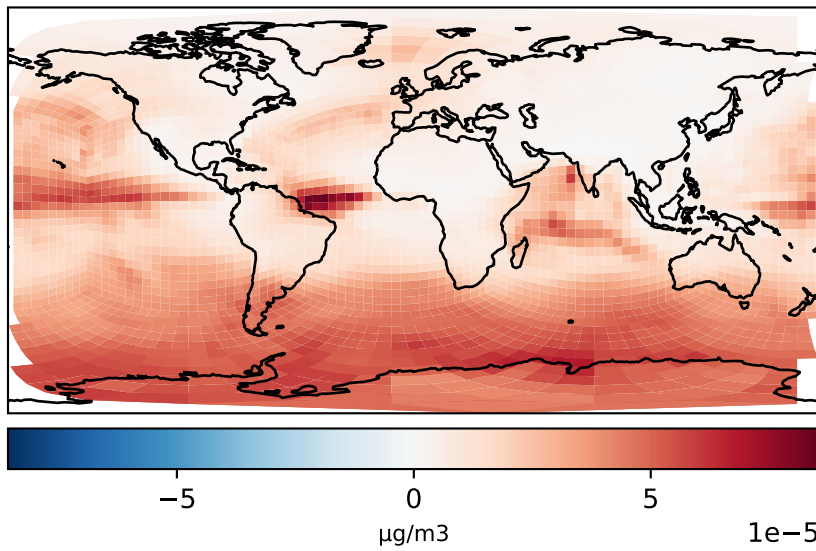
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



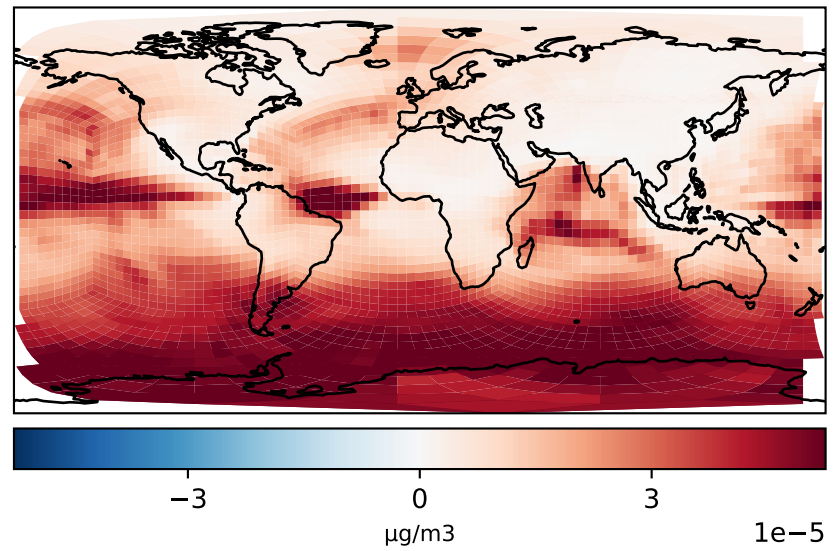
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



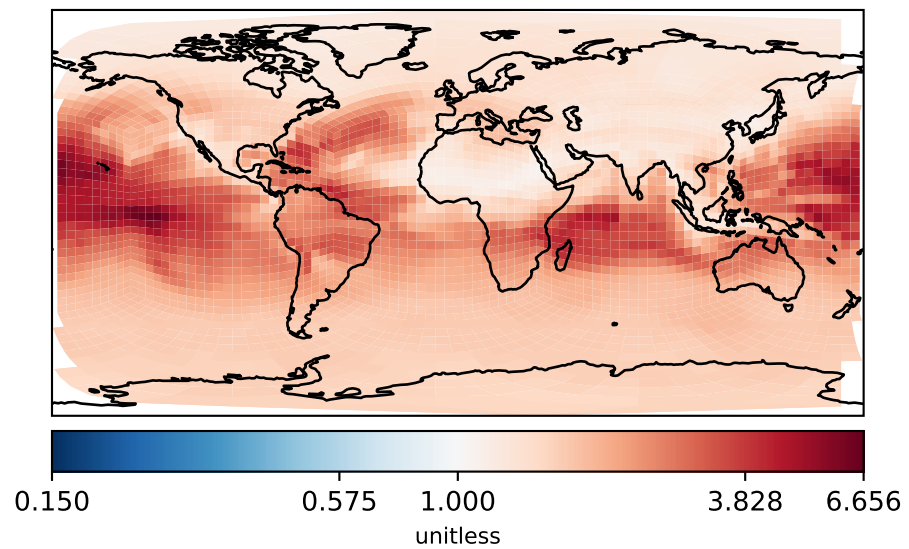
Difference  
Dev - Ref, Dynamic Range



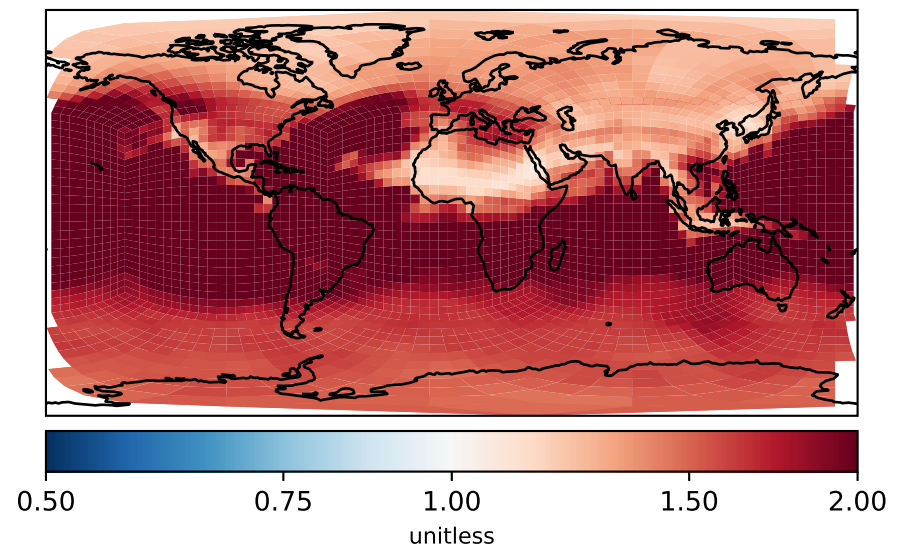
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



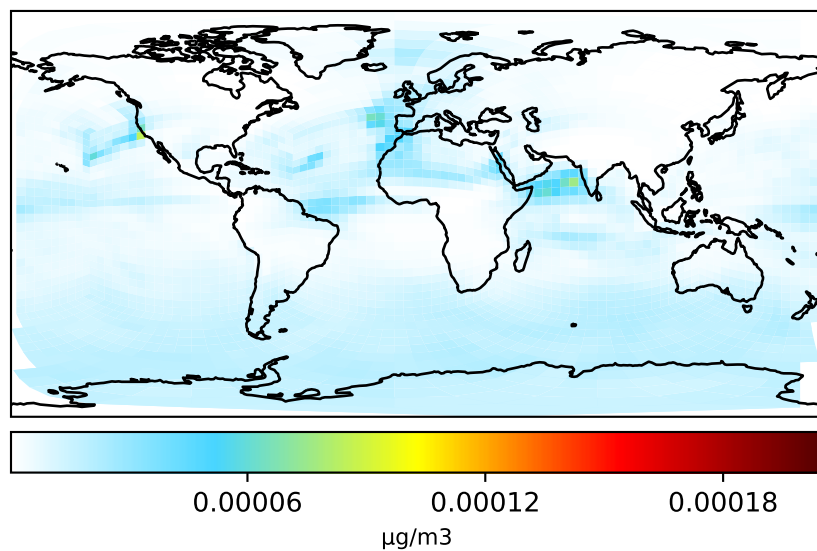
Ratio  
Dev/Ref, Fixed Range



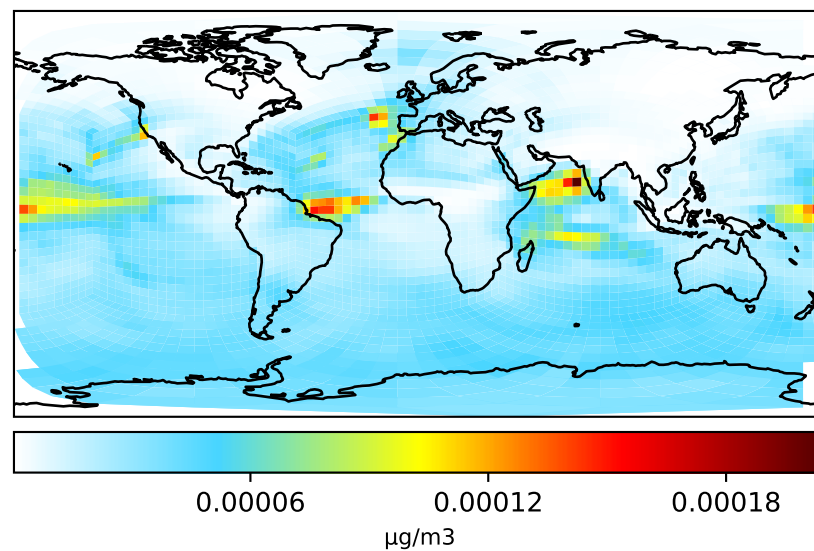


# SpeciesConcVV\_ISALC

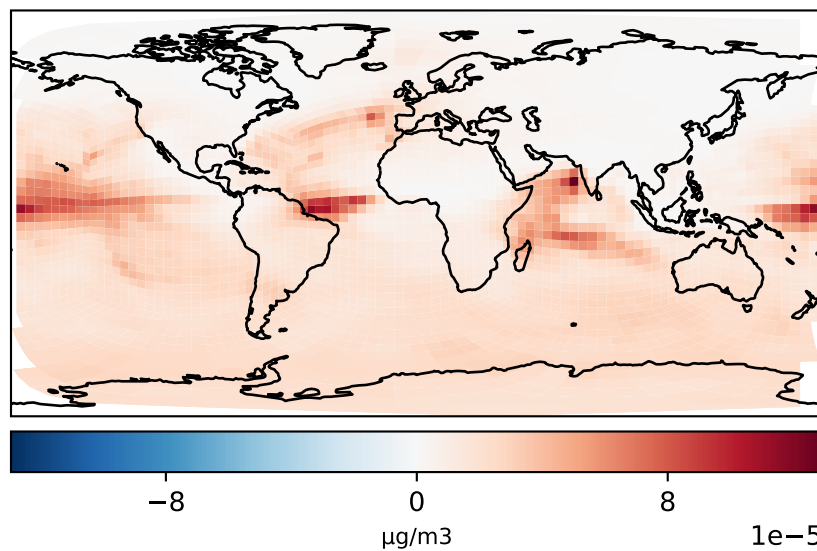
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



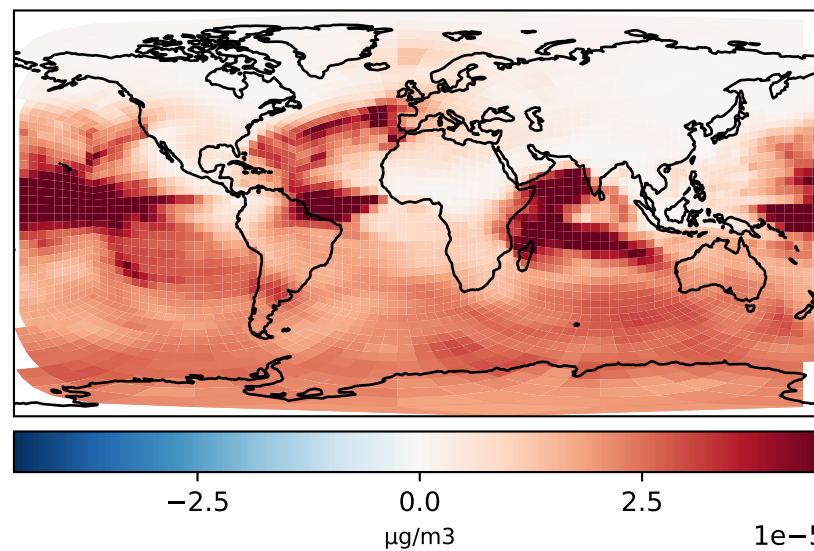
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



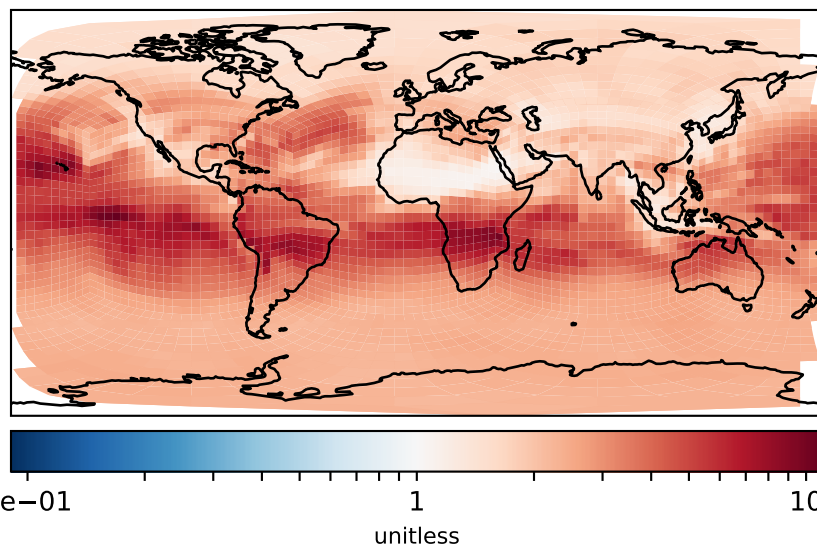
Difference  
Dev - Ref, Dynamic Range



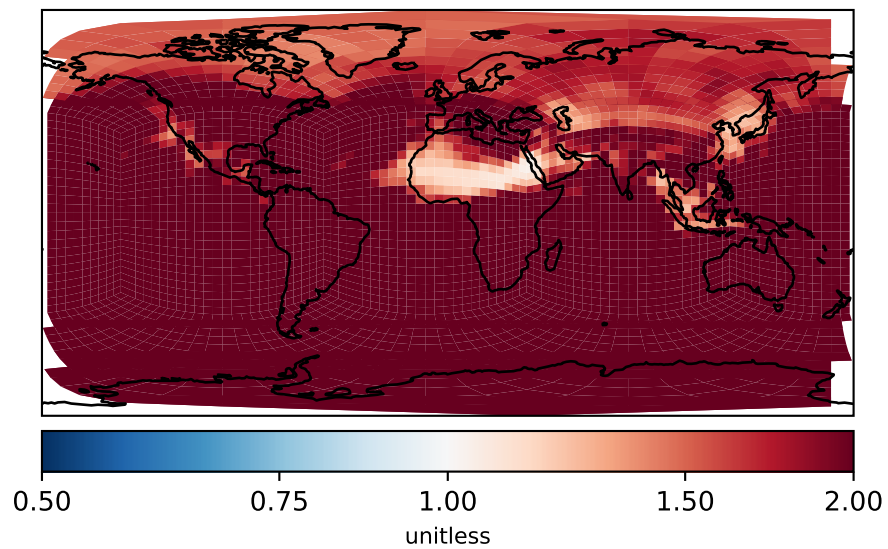
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



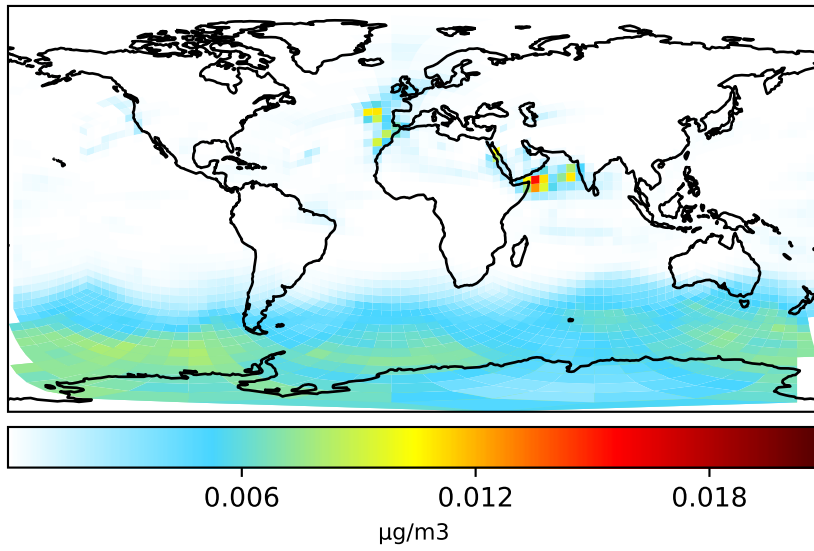
Ratio  
Dev/Ref, Fixed Range



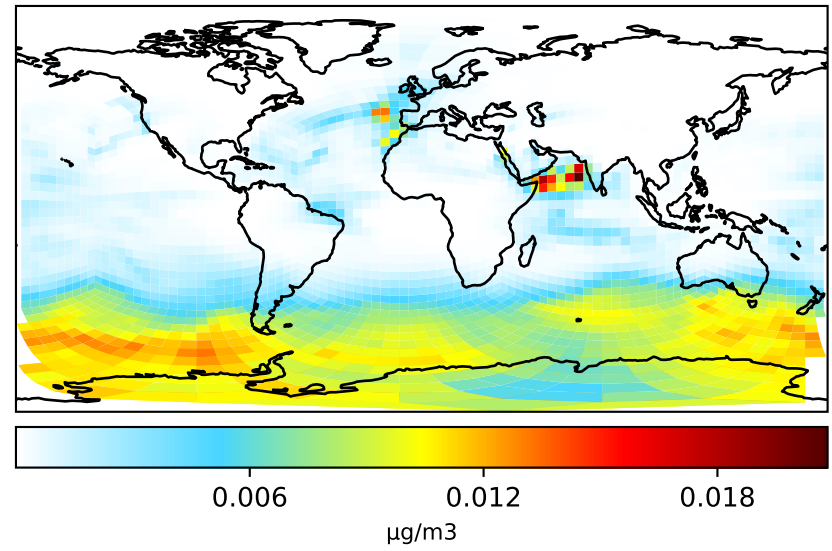


# SpeciesConcVV\_NITs

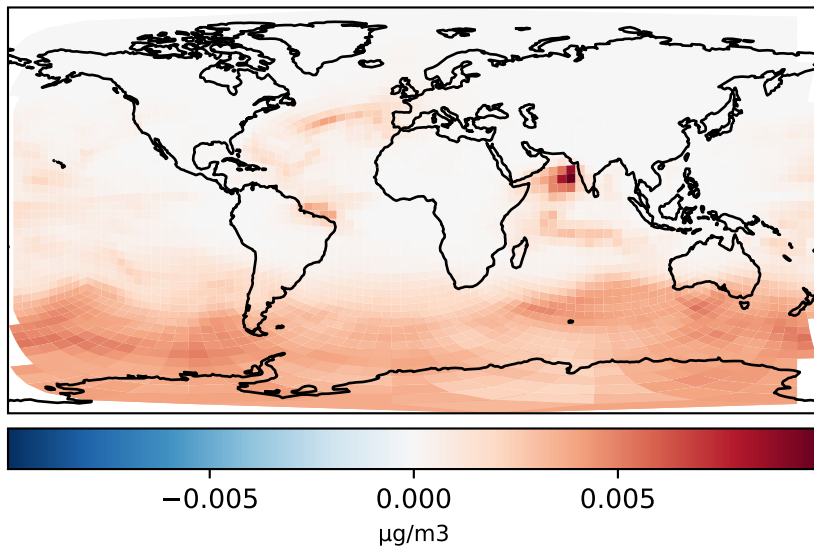
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



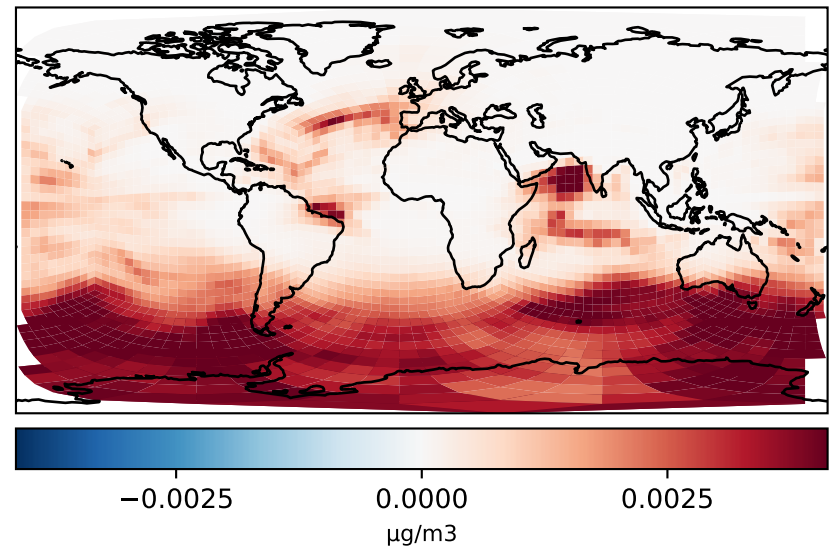
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



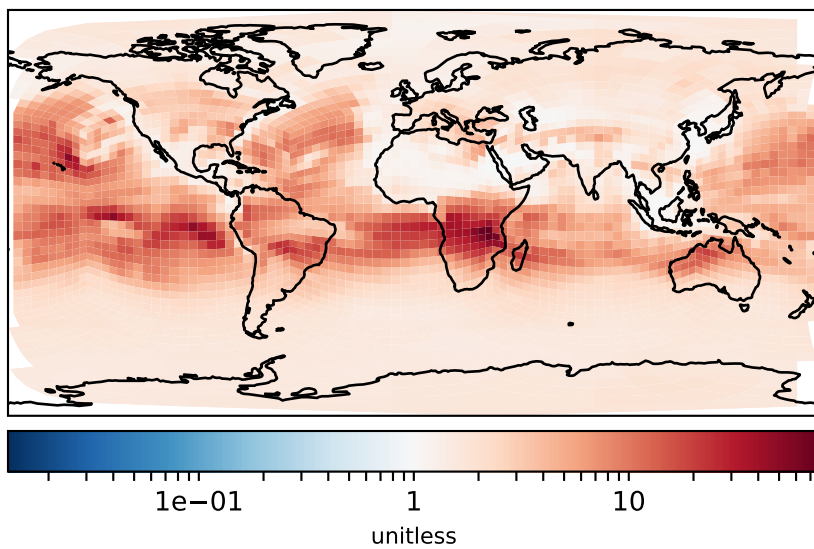
Difference  
Dev - Ref, Dynamic Range



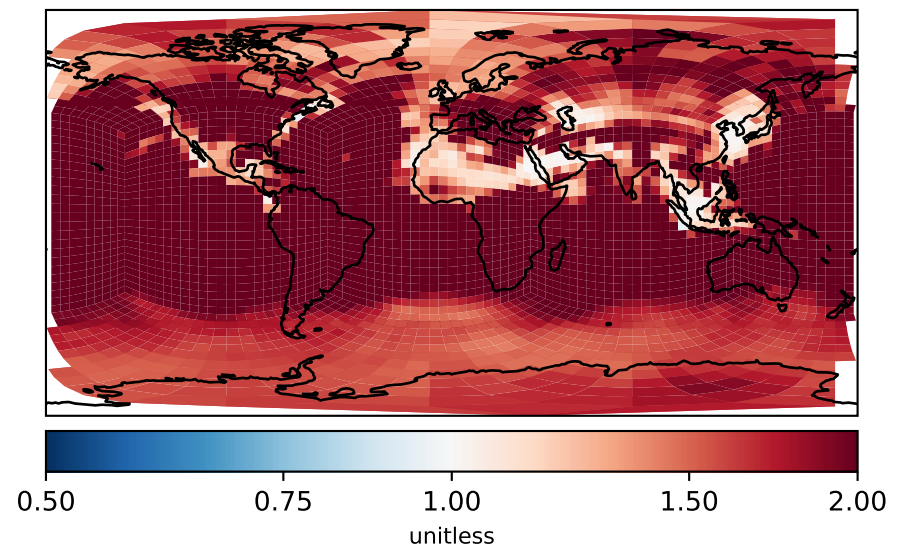
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

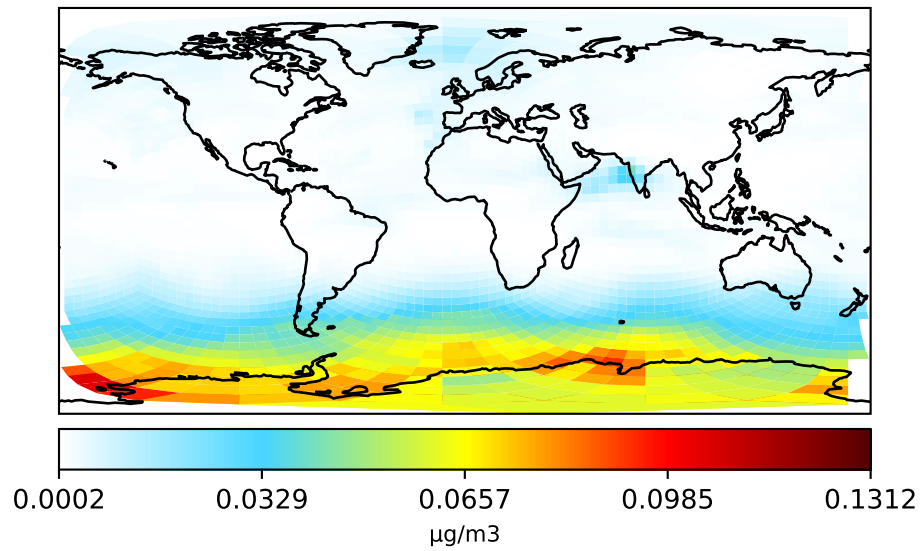


Ratio  
Dev/Ref, Fixed Range

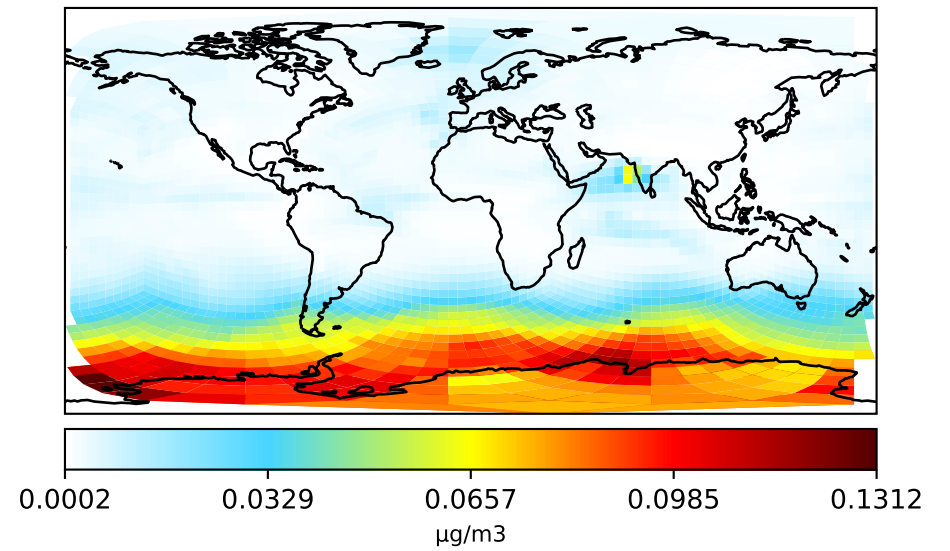


# SpeciesConcVV\_SALA

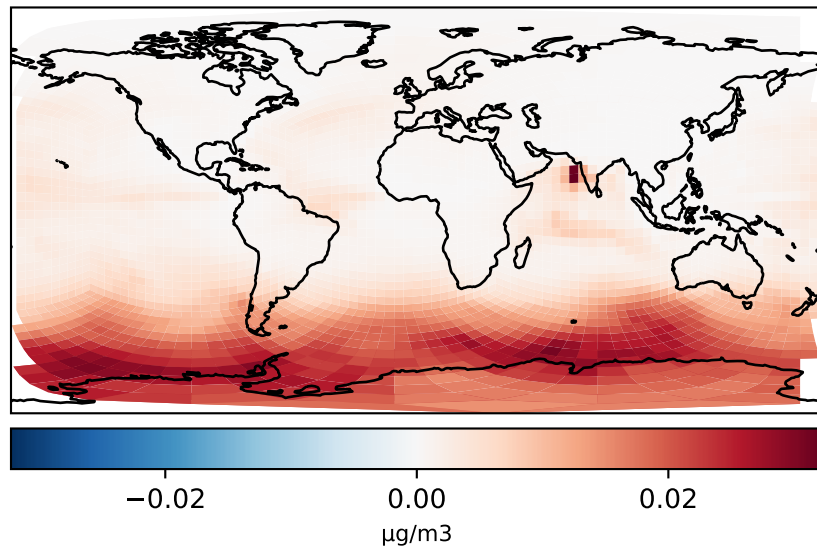
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



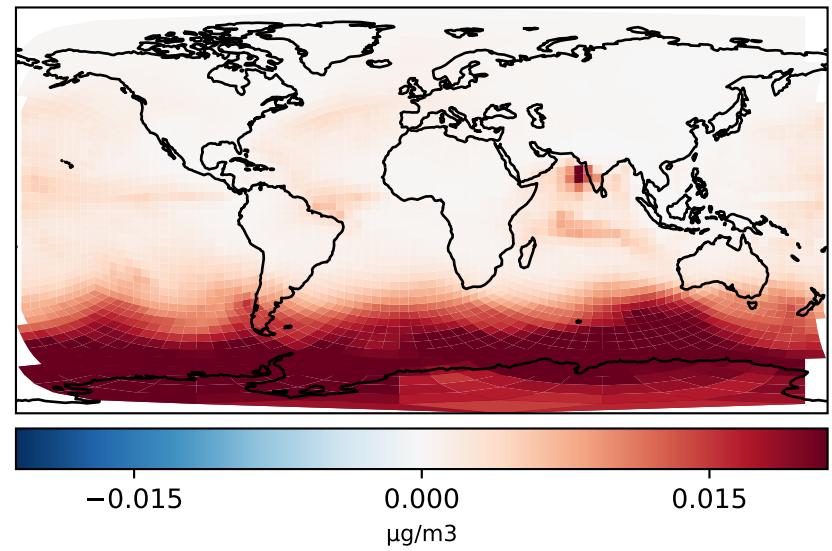
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



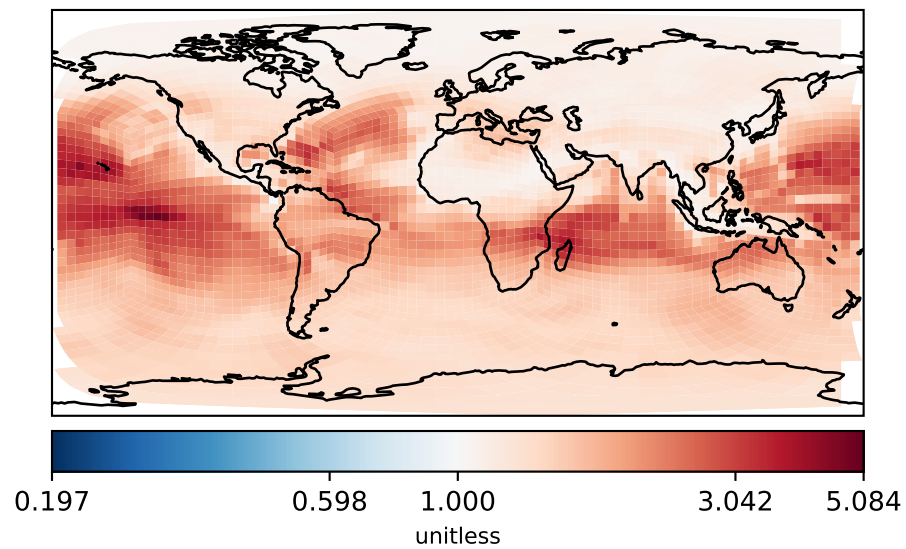
Difference  
Dev - Ref, Dynamic Range



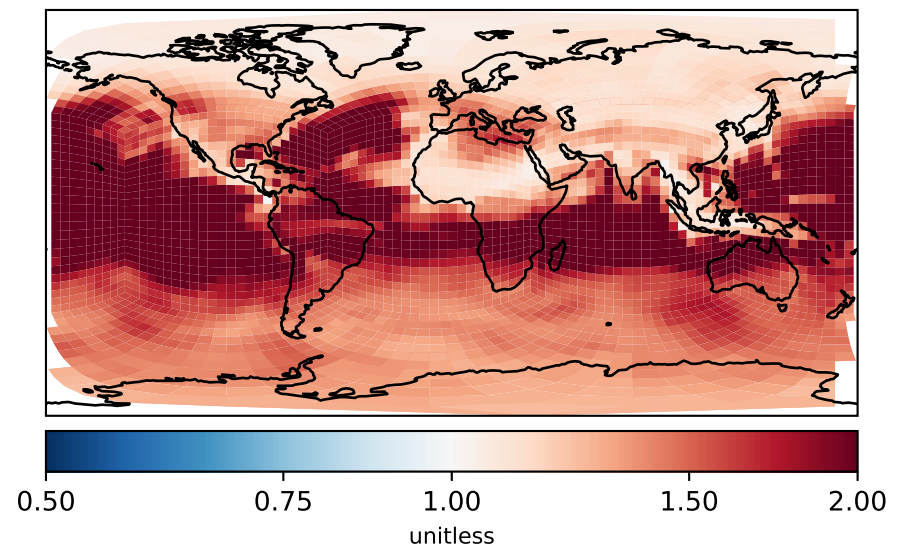
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

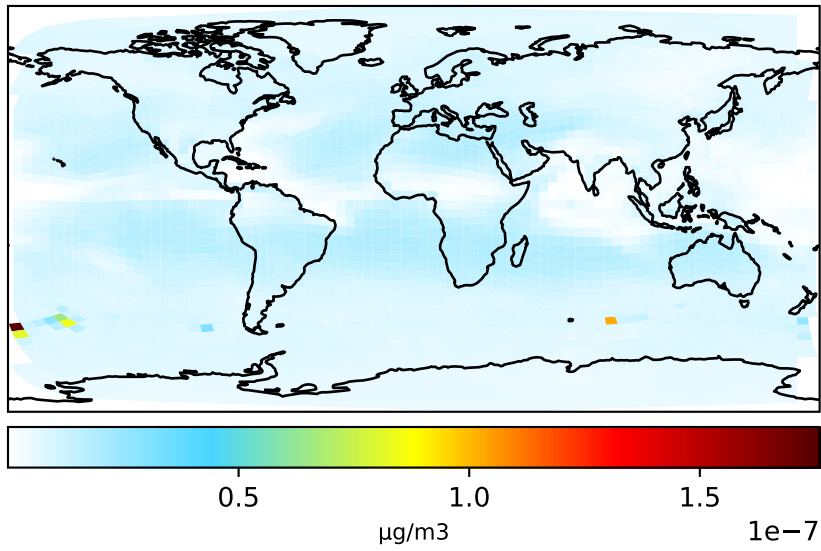


Ratio  
Dev/Ref, Fixed Range

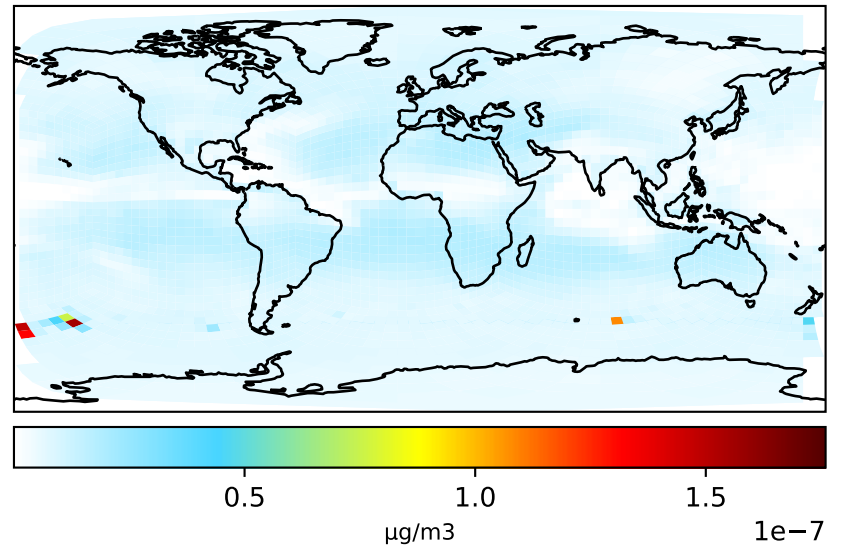


# SpeciesConcVV\_SALAAL

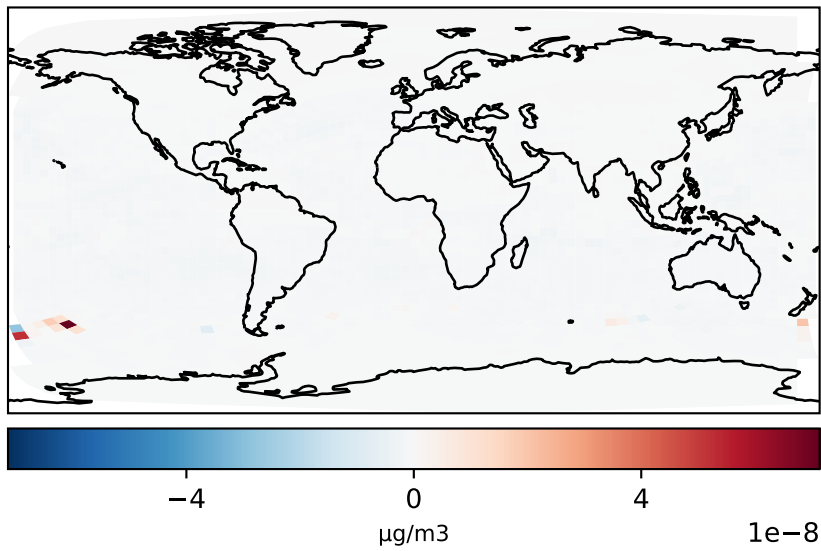
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



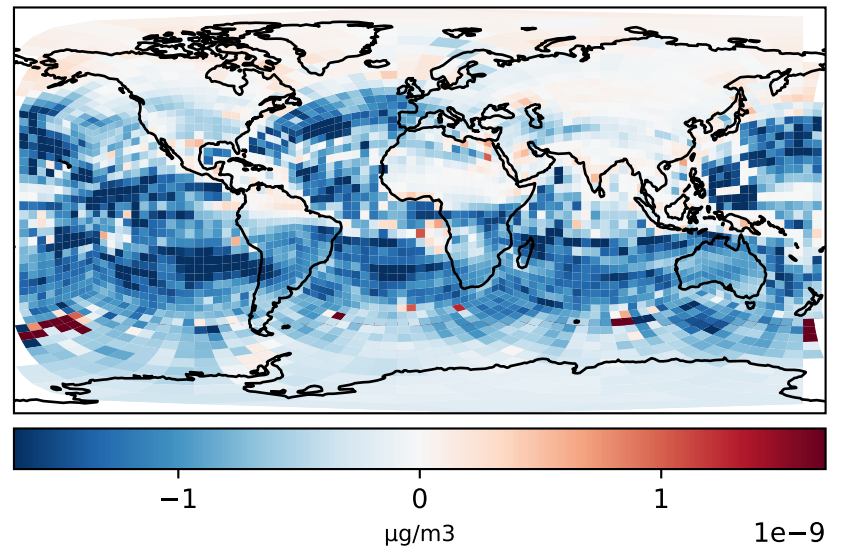
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



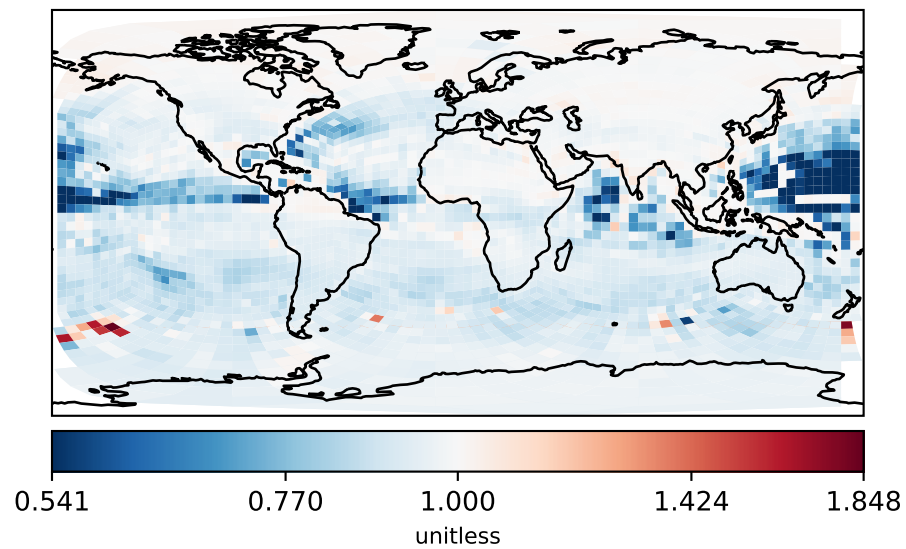
Difference  
Dev - Ref, Dynamic Range



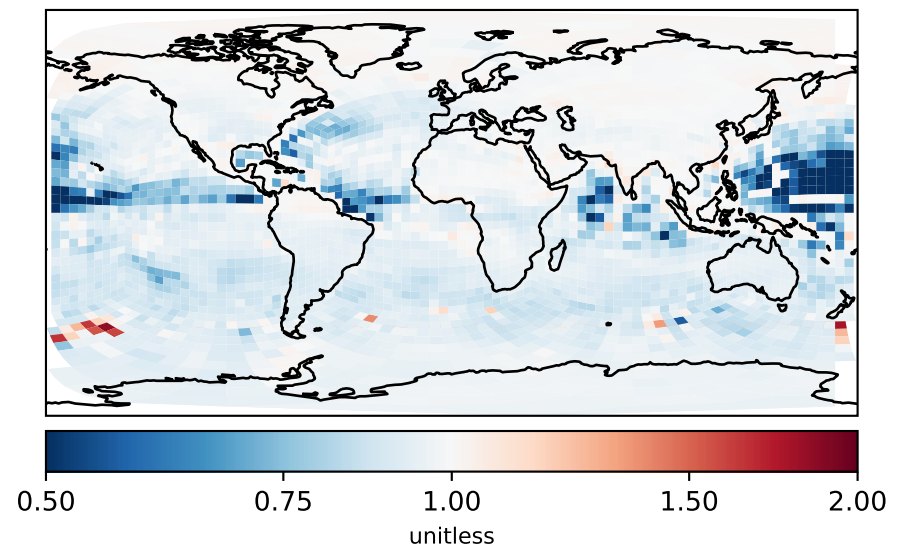
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



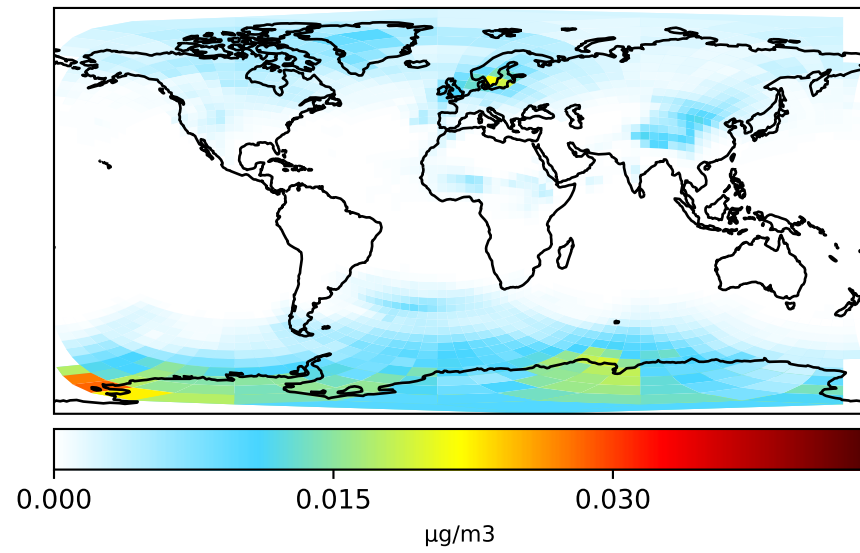
Ratio  
Dev/Ref, Fixed Range



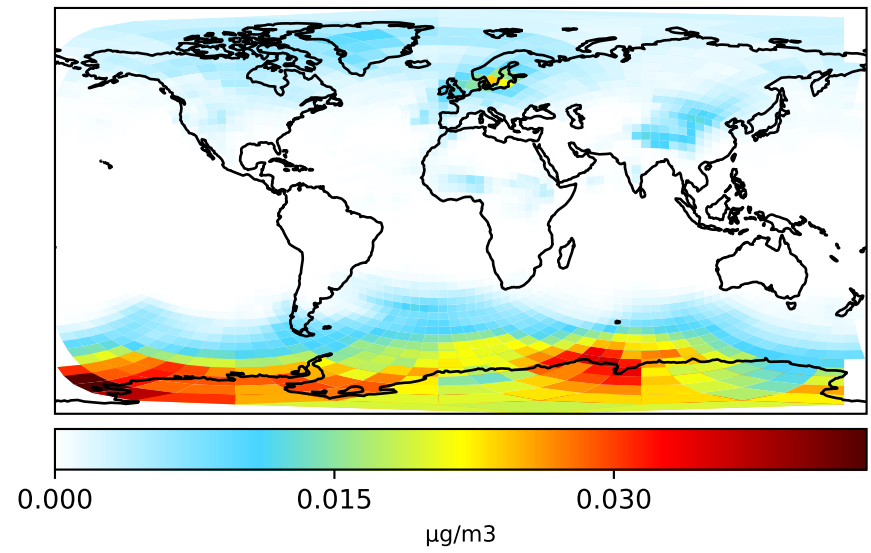


# SpeciesConcVV\_SALACL

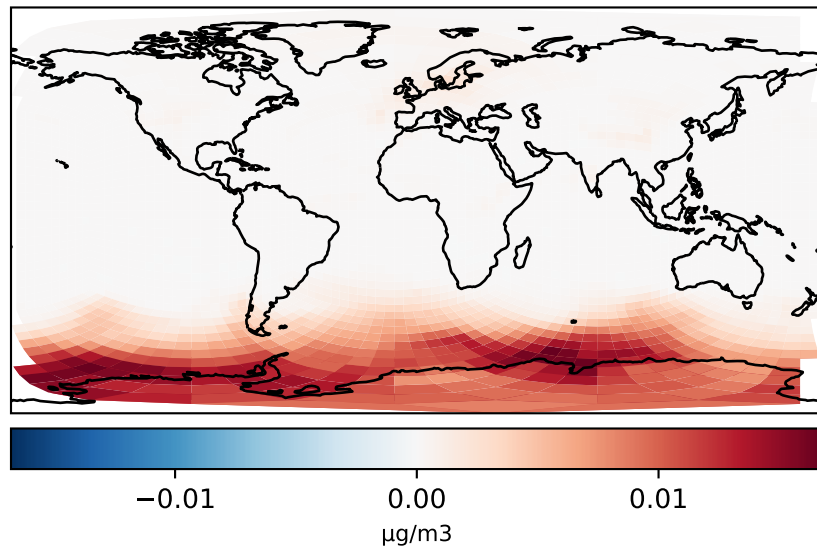
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



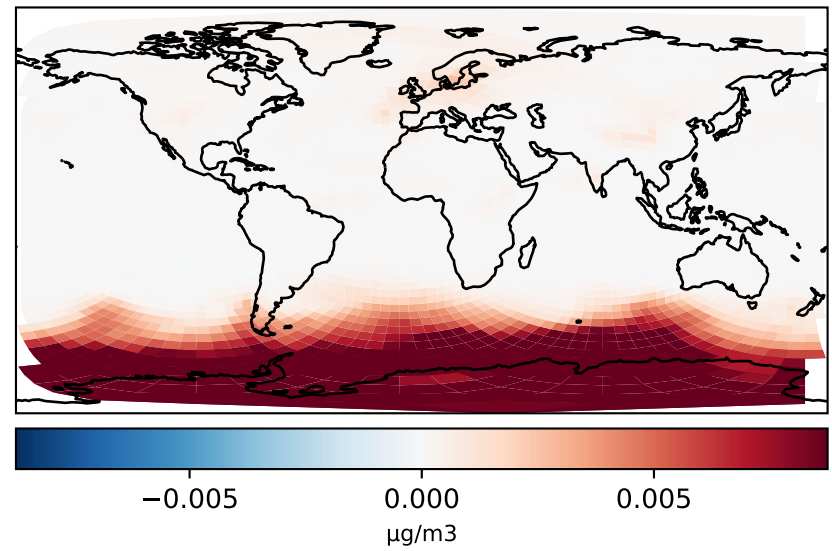
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



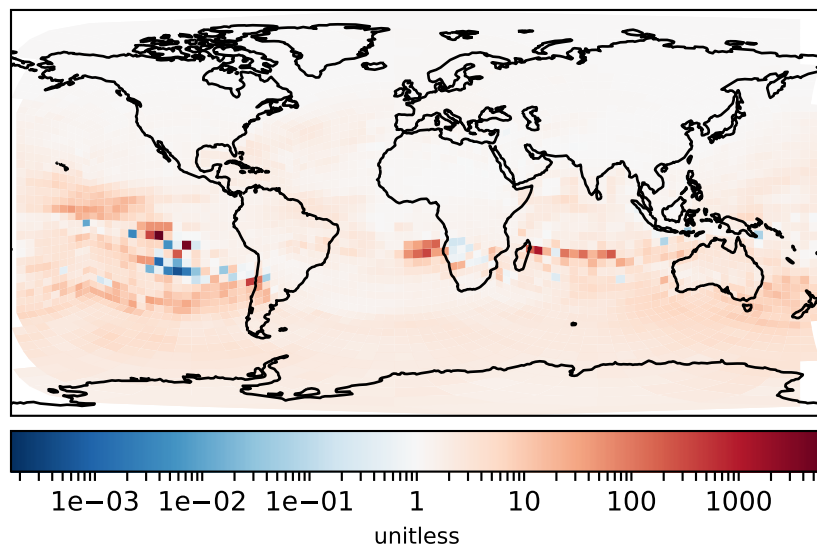
Difference  
Dev - Ref, Dynamic Range



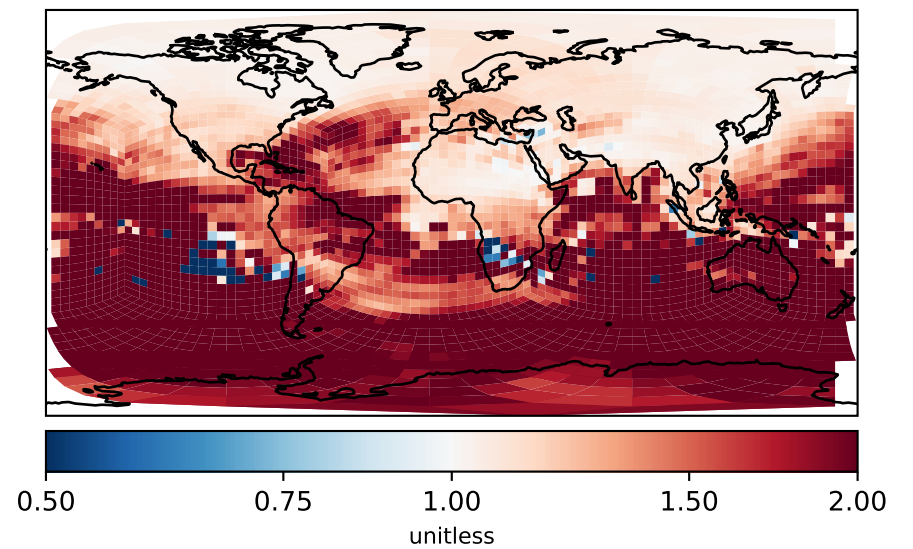
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

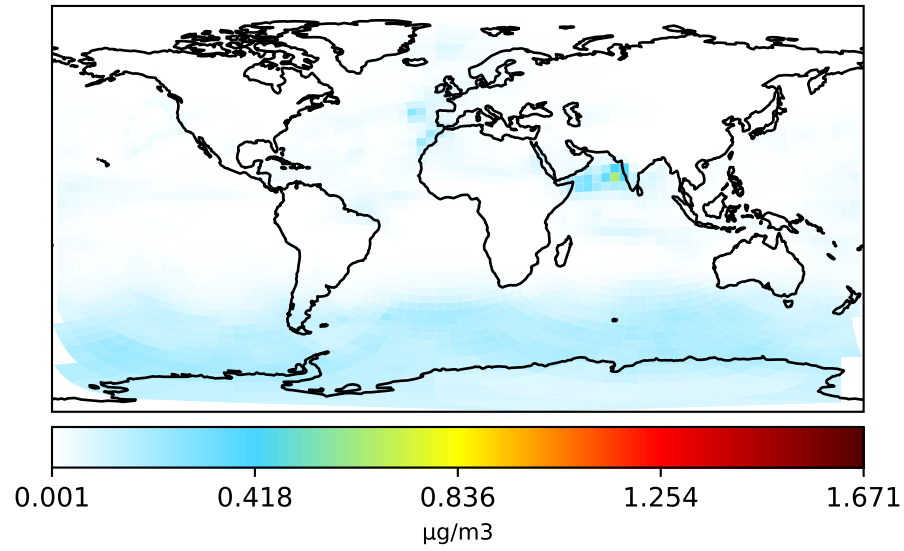


Ratio  
Dev/Ref, Fixed Range

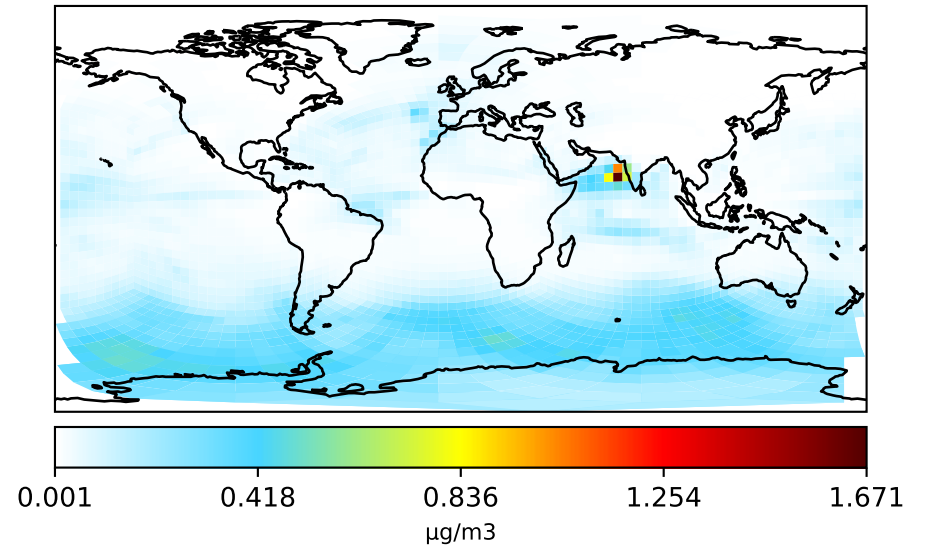


# SpeciesConcVV\_SALC

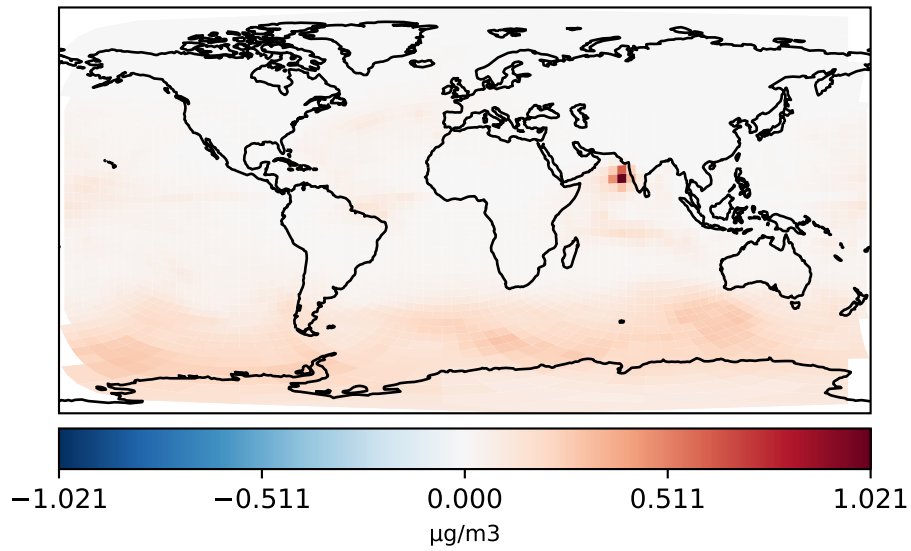
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



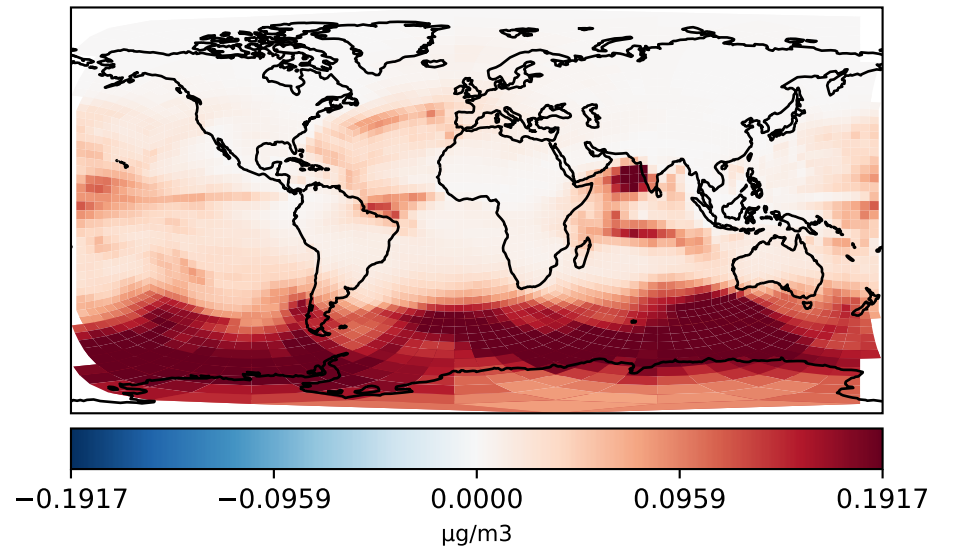
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



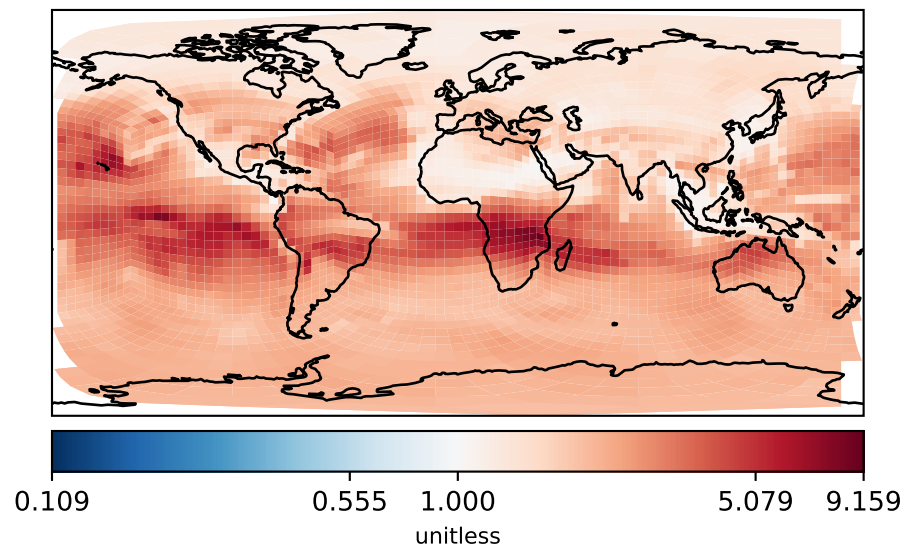
Difference  
Dev - Ref, Dynamic Range



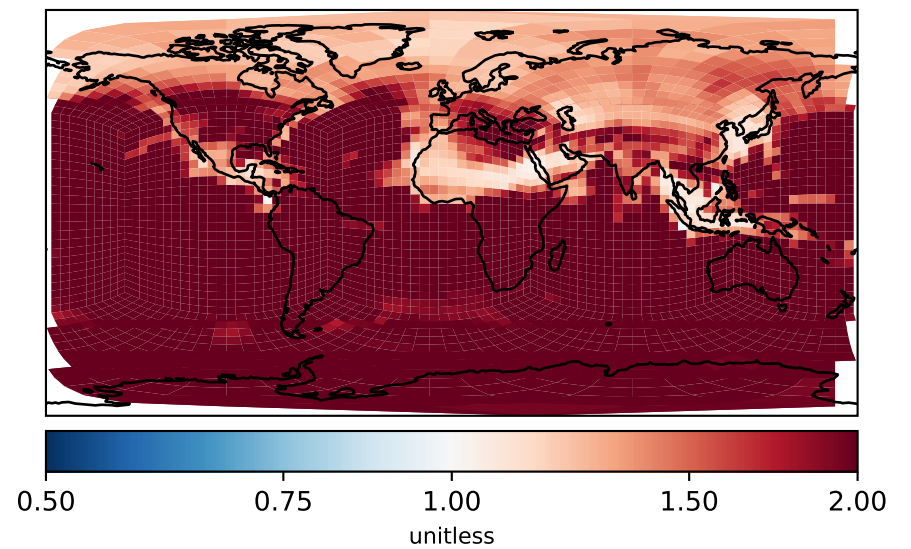
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

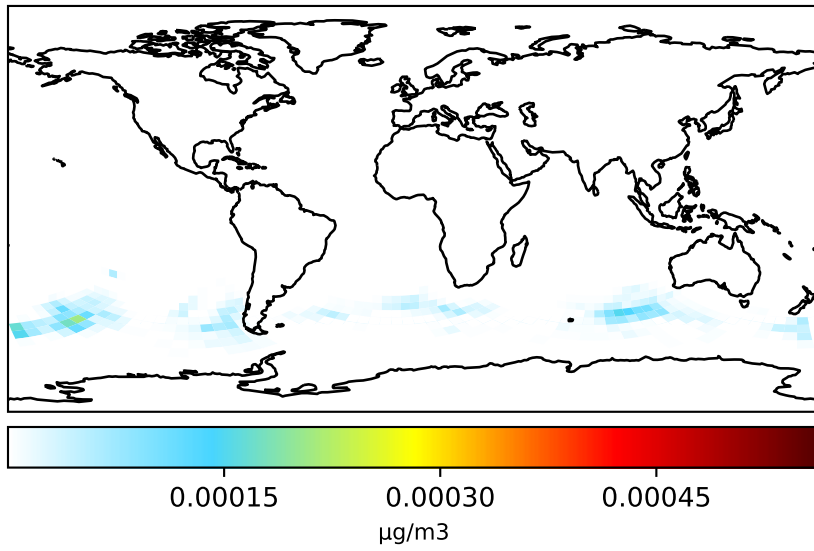


Ratio  
Dev/Ref, Fixed Range

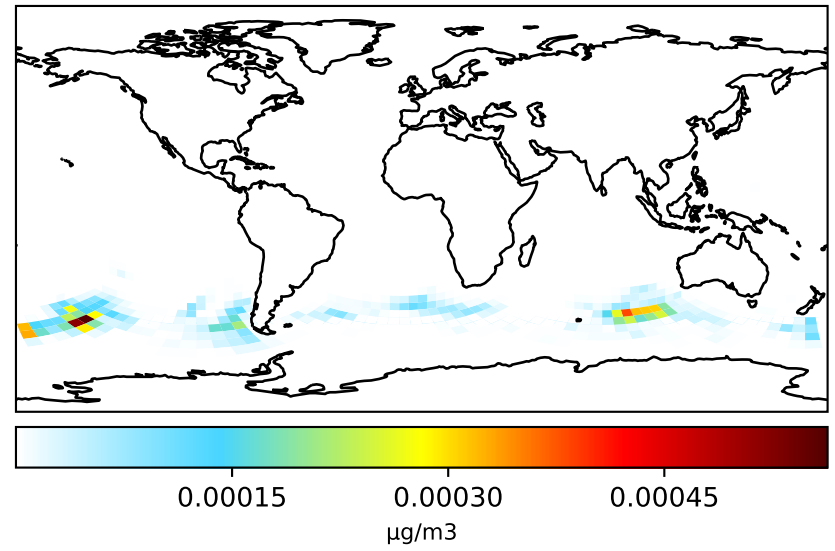


# SpeciesConcVV\_SALCAL

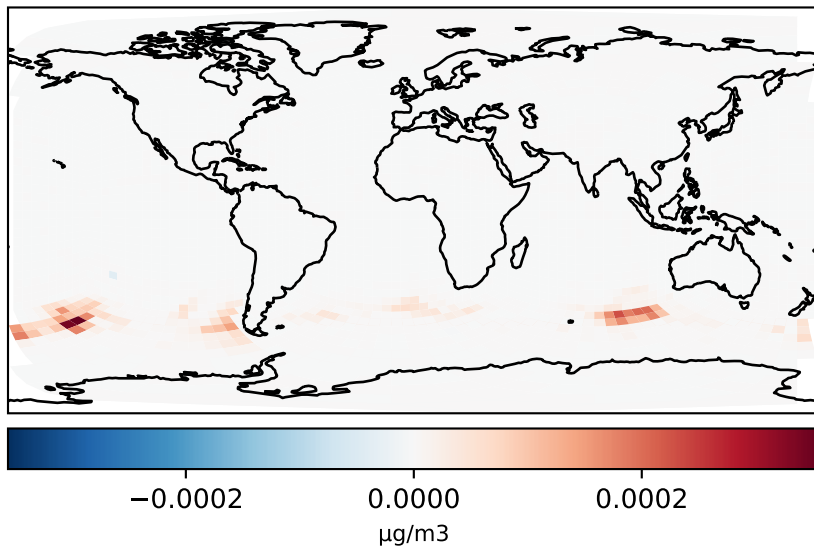
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



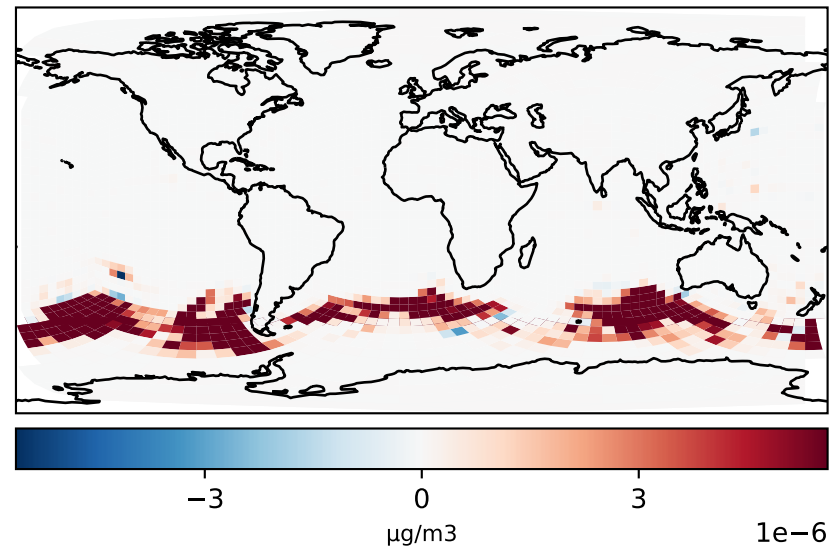
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



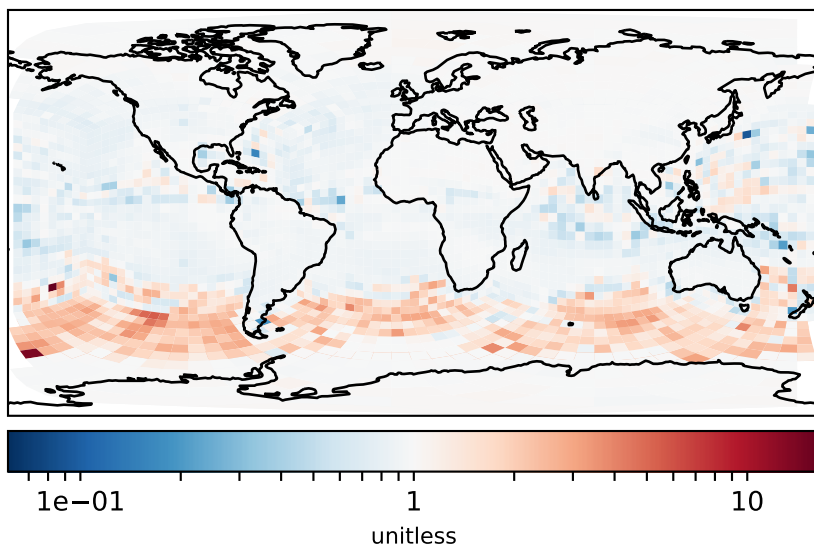
Difference  
Dev - Ref, Dynamic Range



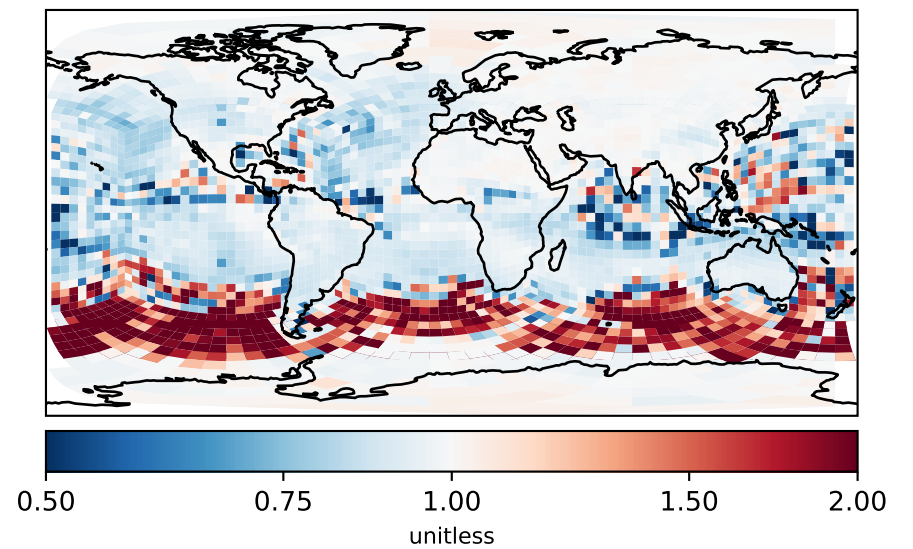
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



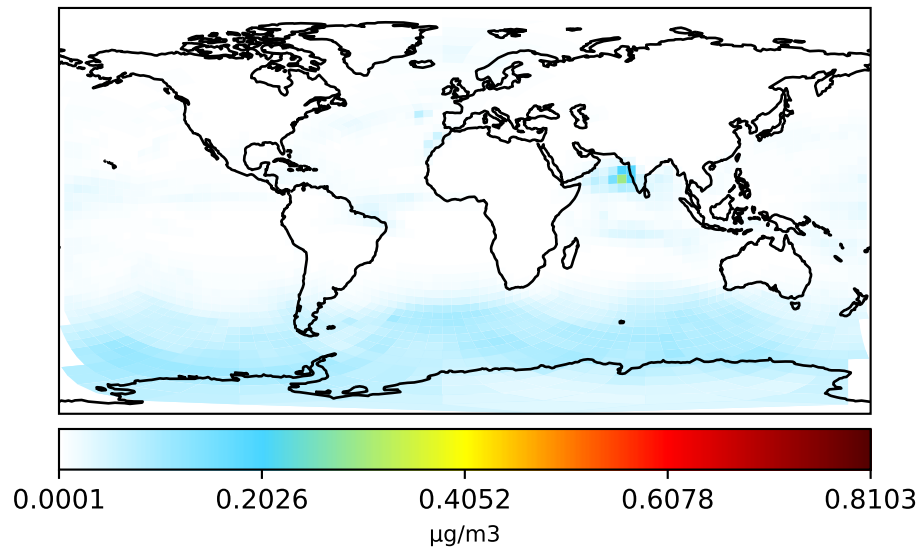
Ratio  
Dev/Ref, Fixed Range



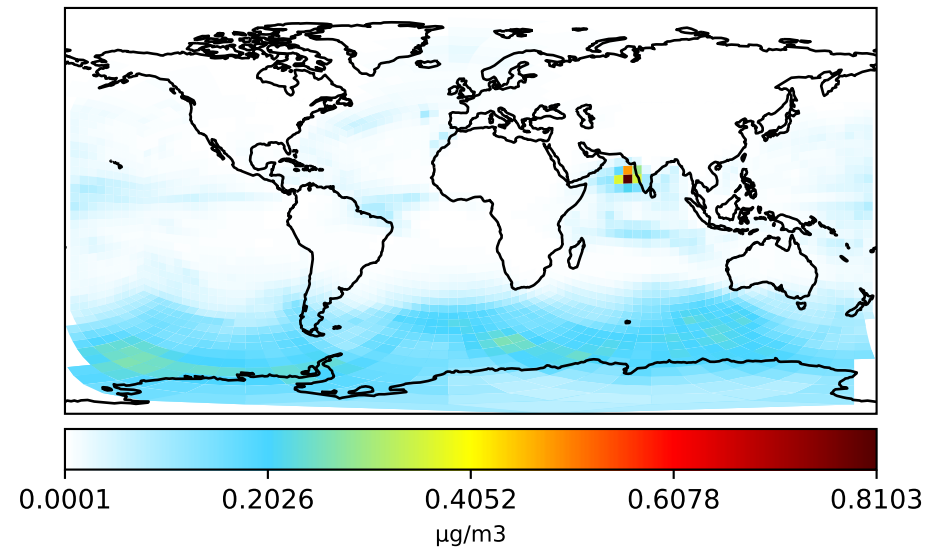


# SpeciesConcVV\_SALCCL

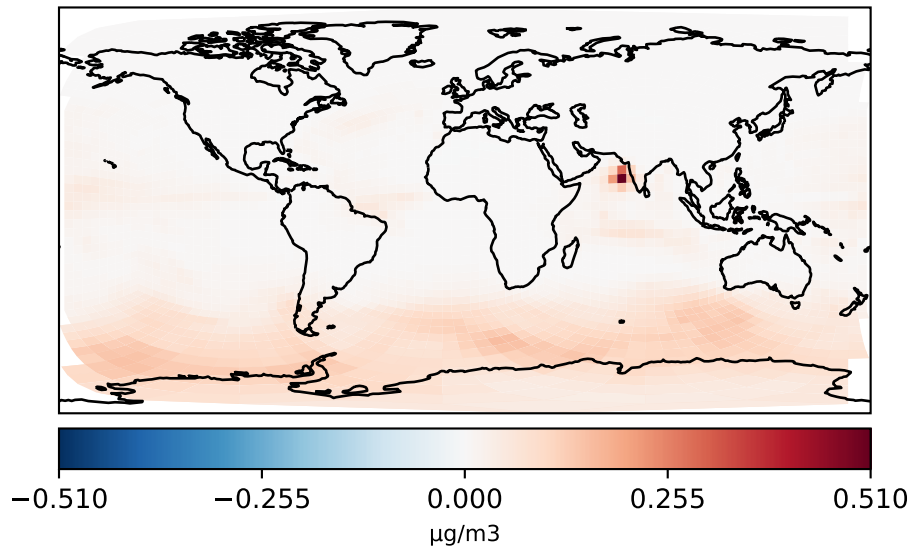
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



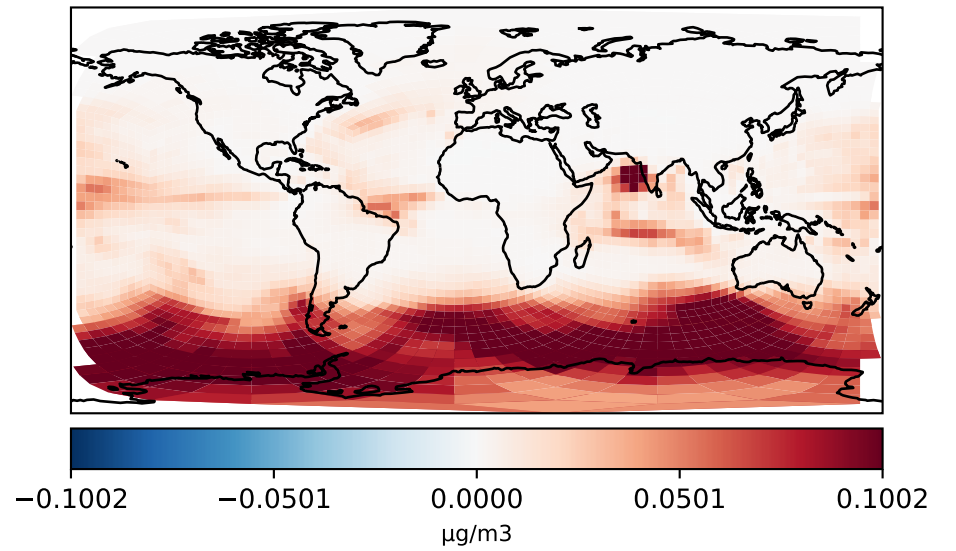
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



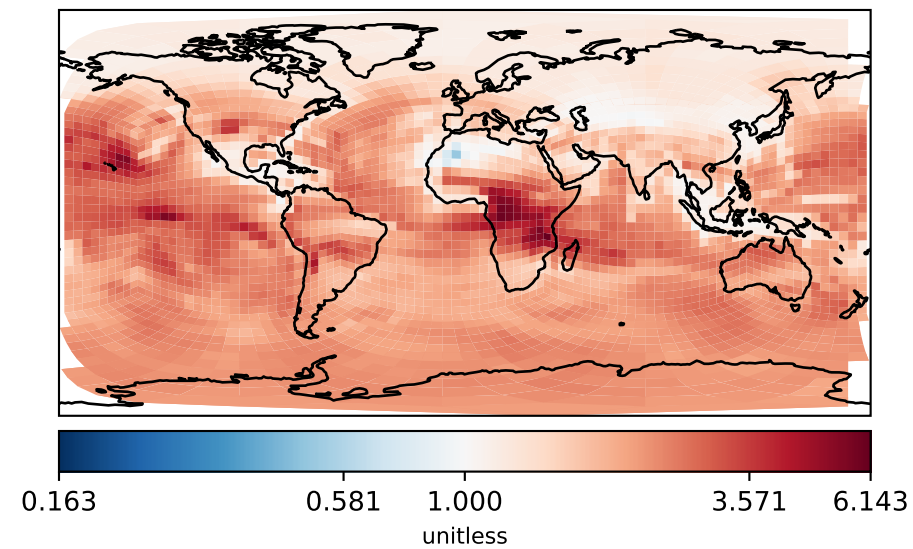
Difference  
Dev - Ref, Dynamic Range



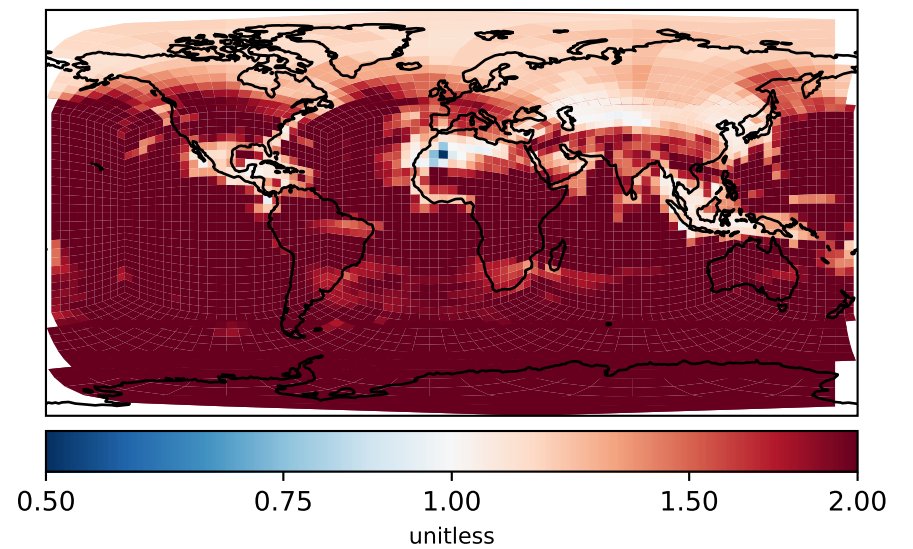
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

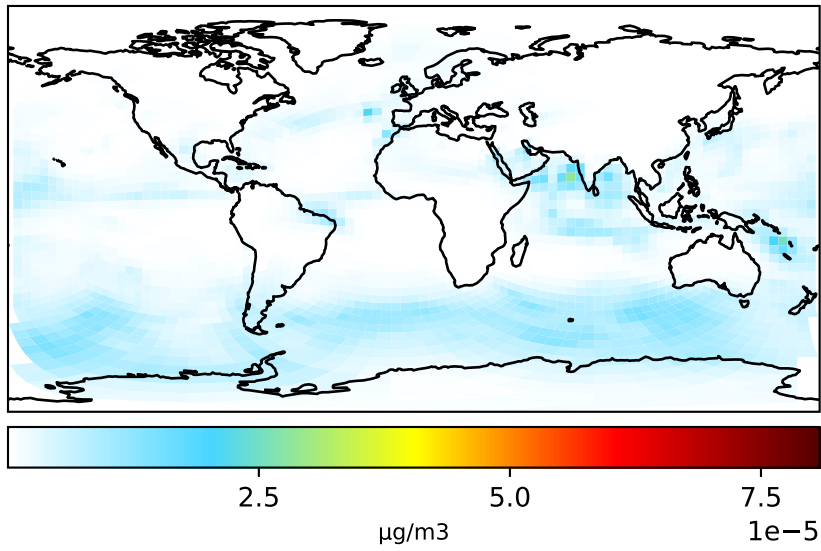


Ratio  
Dev/Ref, Fixed Range

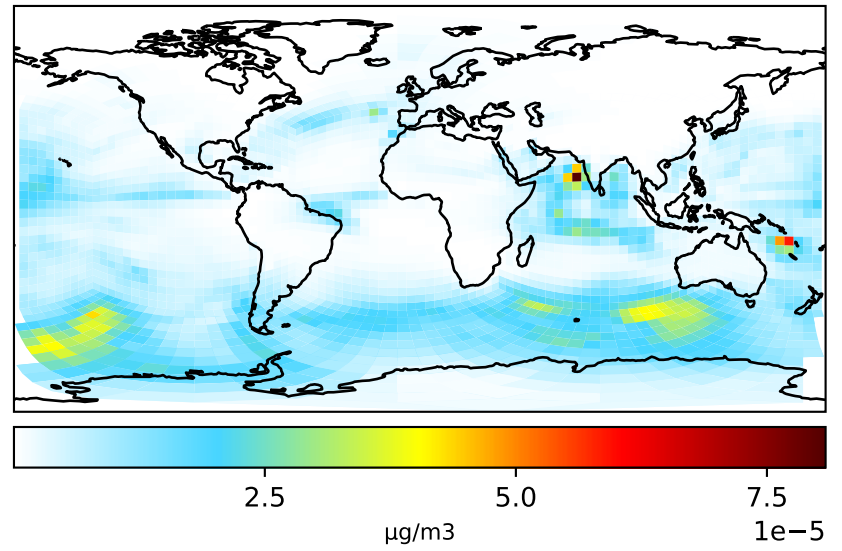


# SpeciesConcVV\_S04s

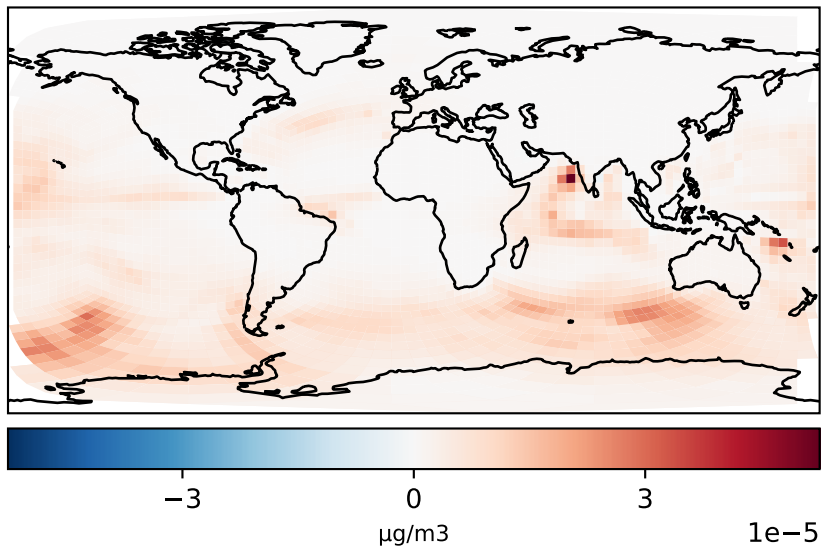
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



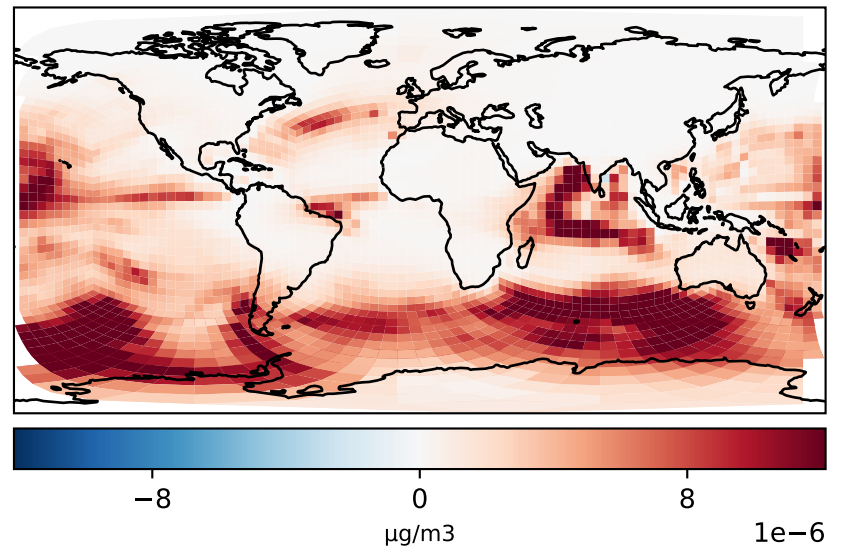
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



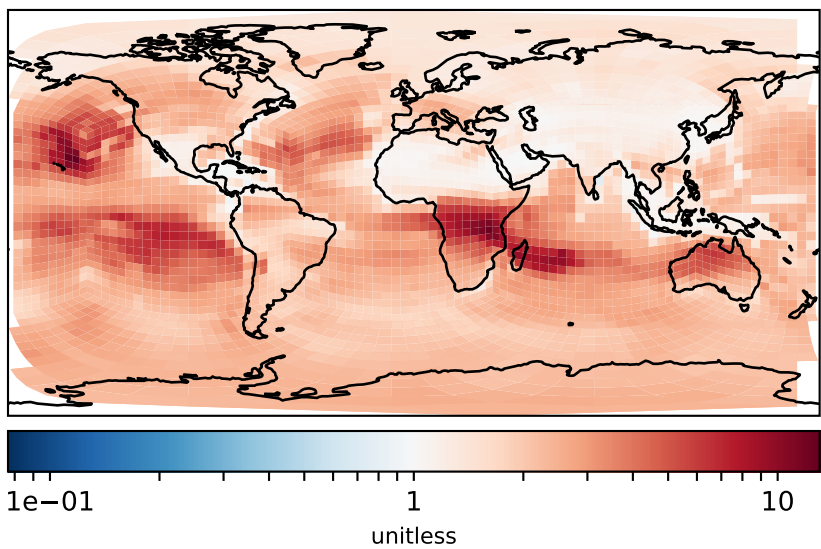
Difference  
Dev - Ref, Dynamic Range



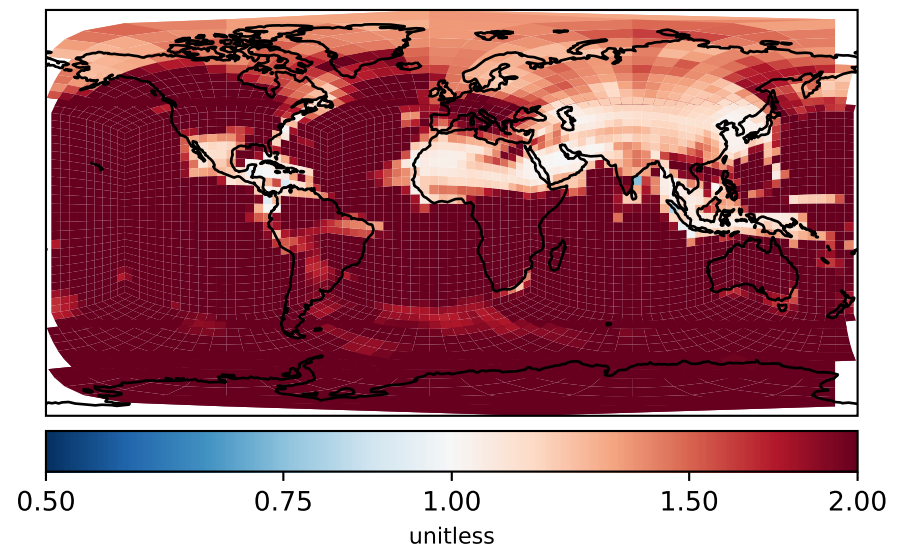
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

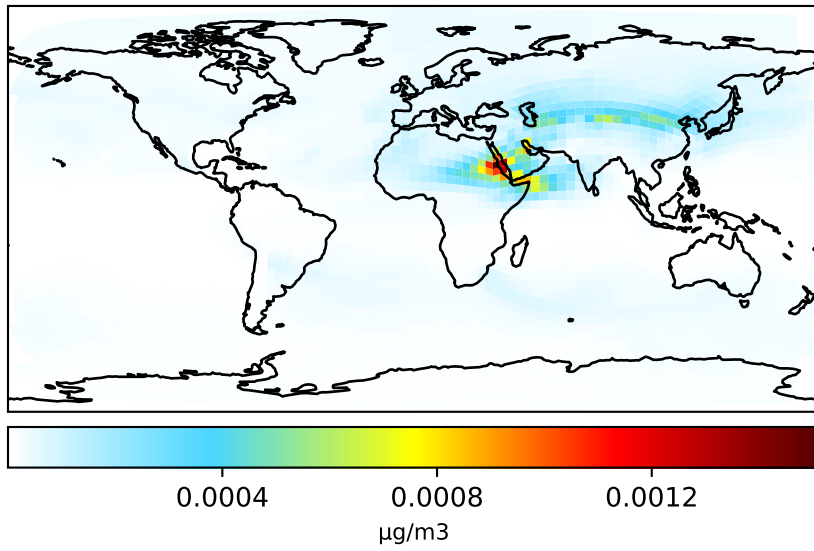


Ratio  
Dev/Ref, Fixed Range

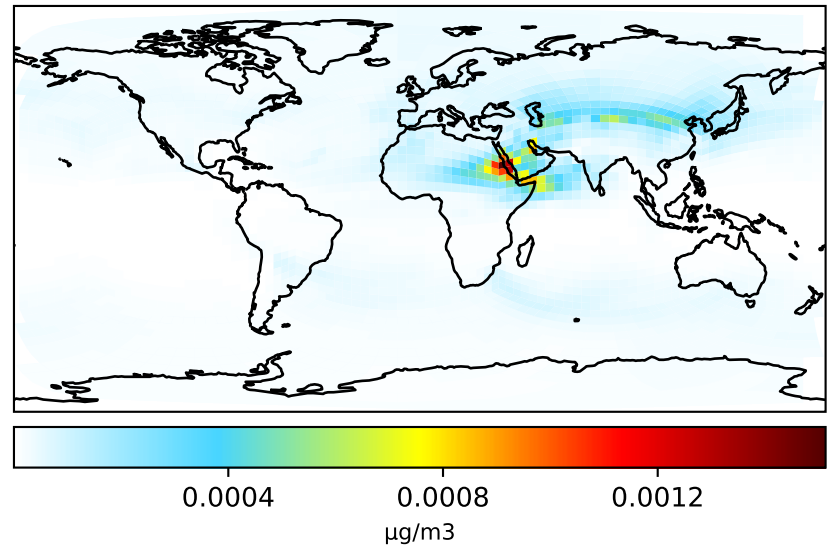


# SpeciesConcVW\_pFe

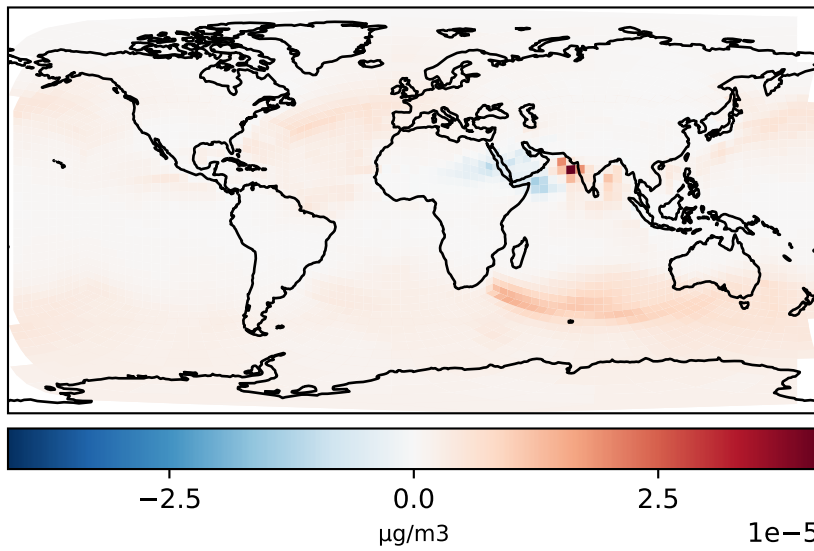
Processed GEOS-FP input, 3-hr winds (Ref)  
c24



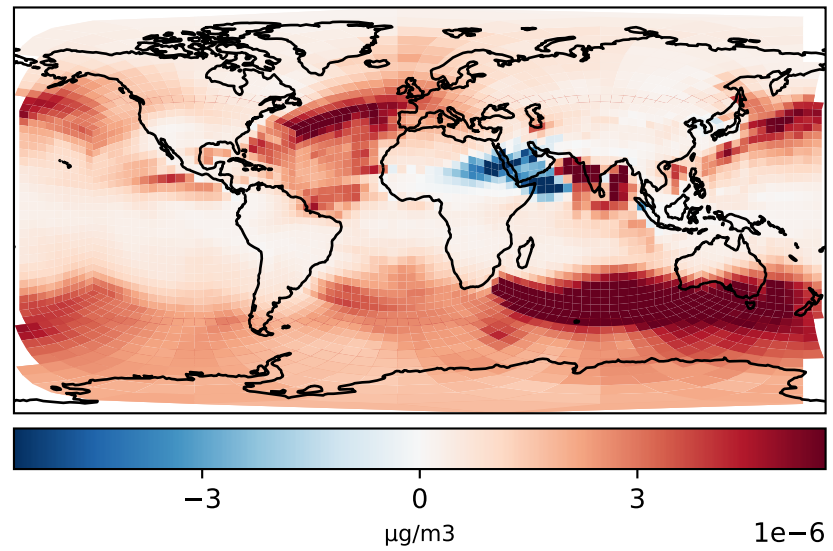
Raw GEOS-FP input, 3-hr winds (Dev)  
c24



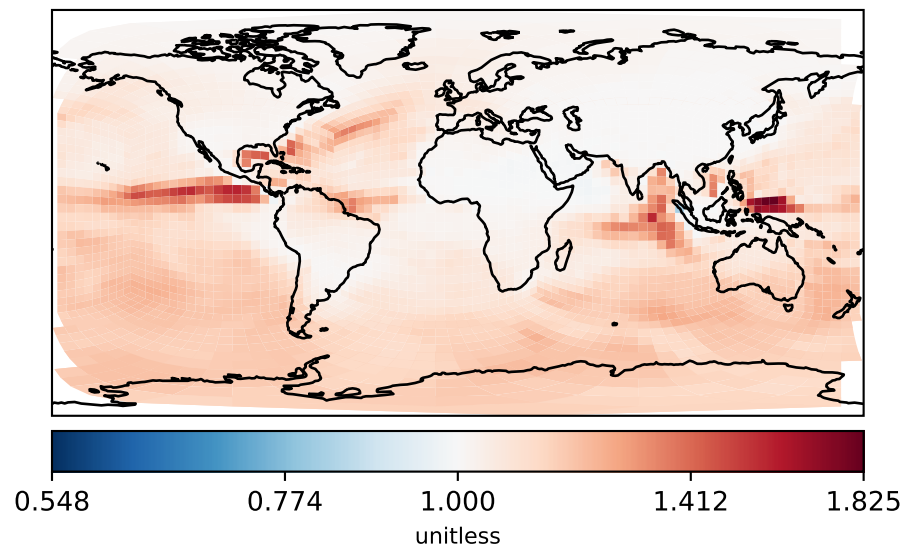
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range



Ratio  
Dev/Ref, Fixed Range

