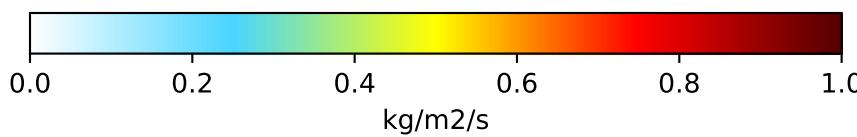
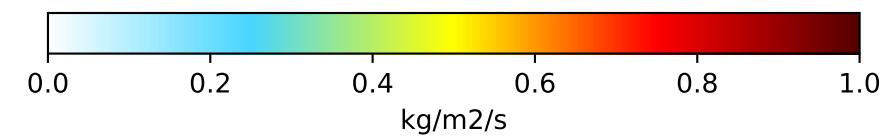


# EmisDST1\_Anthro

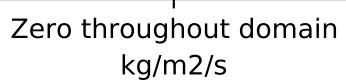
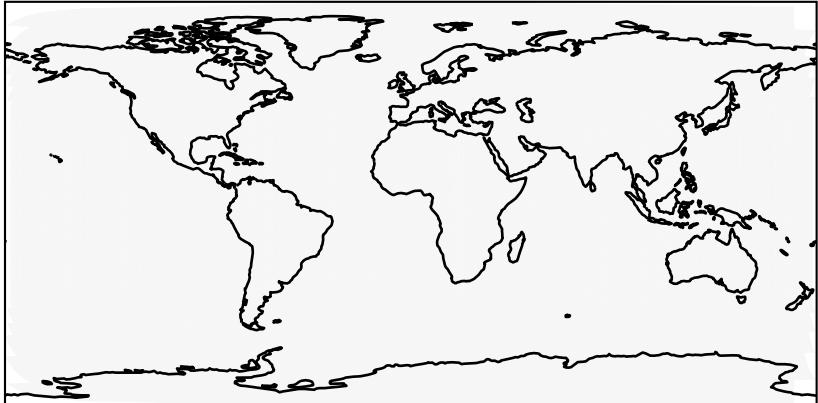
GCHP\_13.0.0-rc.2 (Ref)  
c48



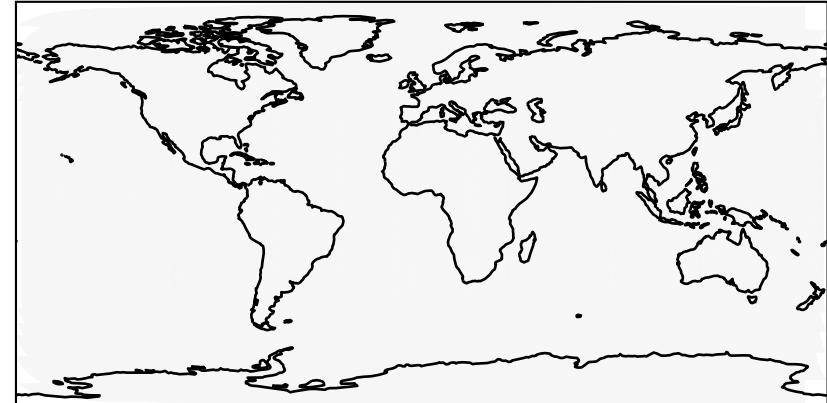
GCHP\_13.1.0-beta.1 (Dev)  
c48



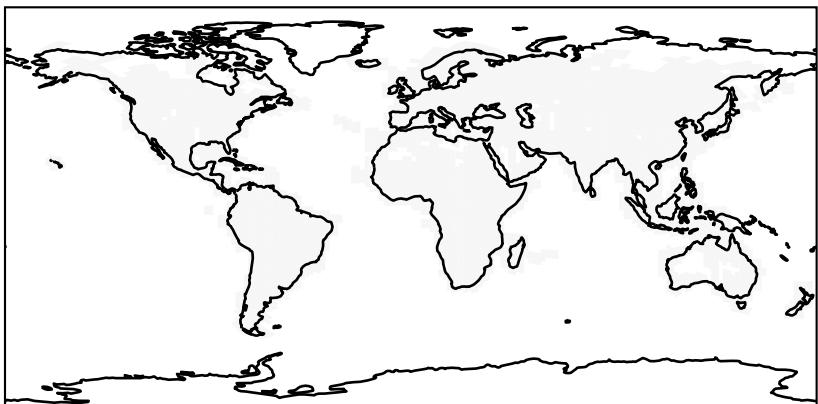
Difference  
Dev - Ref, Dynamic Range



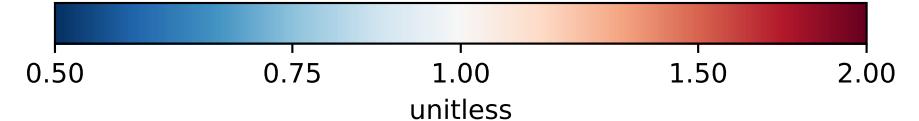
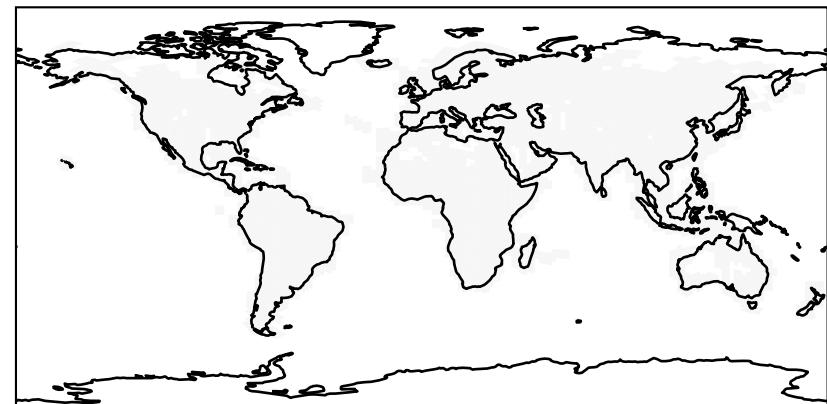
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

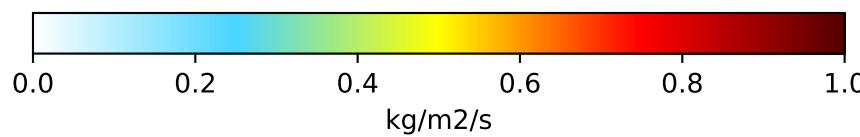
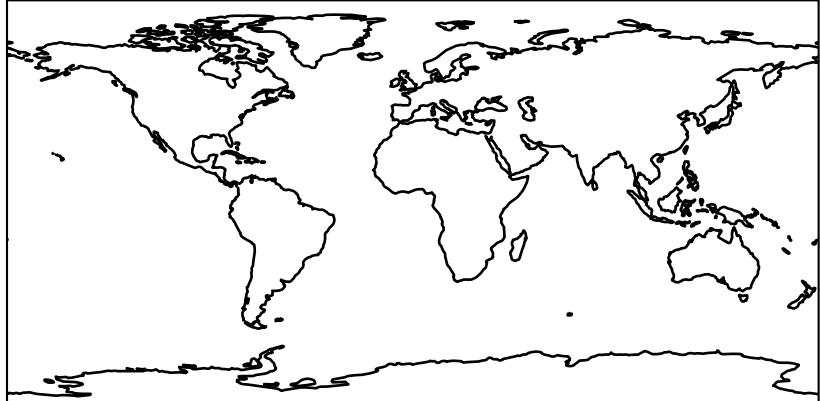


Ratio  
Dev/Ref, Fixed Range

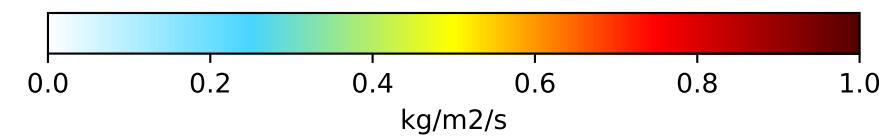


# EmisDST1\_Natural

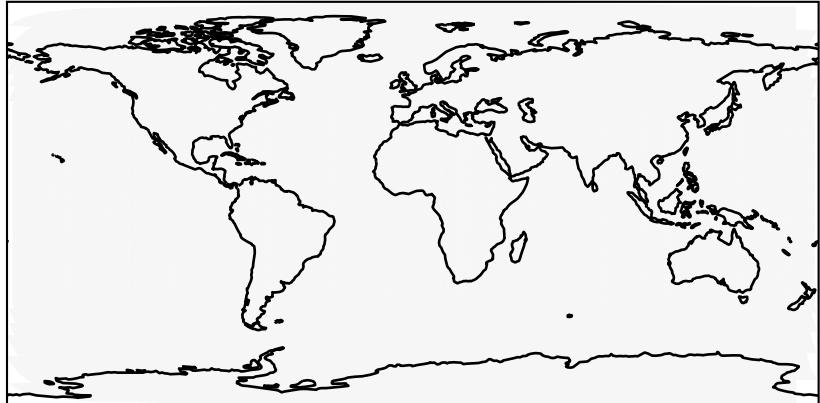
GCHP\_13.0.0-rc.2 (Ref)  
c48



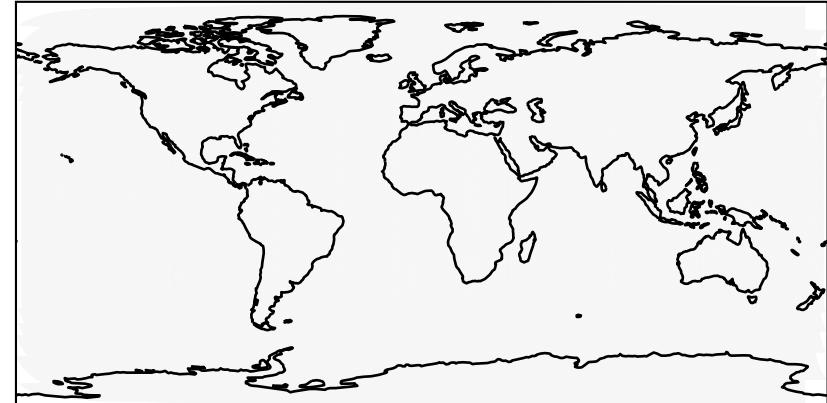
GCHP\_13.1.0-beta.1 (Dev)  
c48



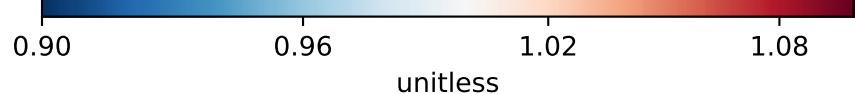
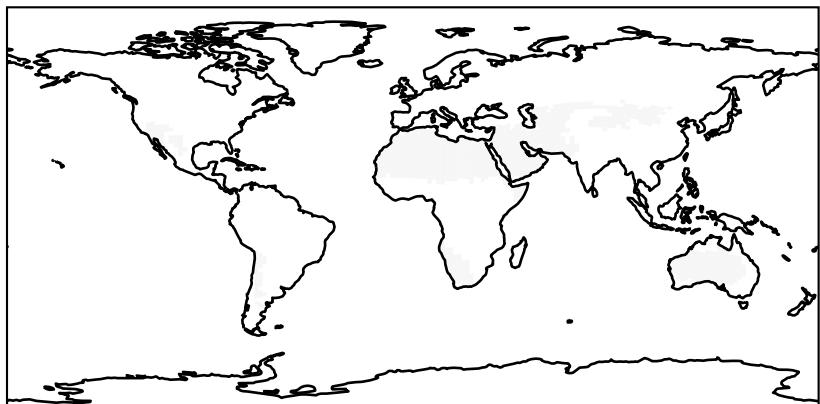
Difference  
Dev - Ref, Dynamic Range



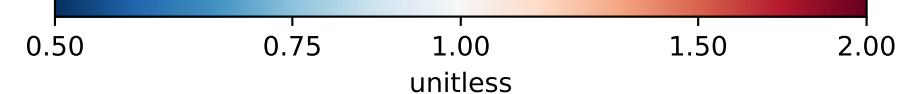
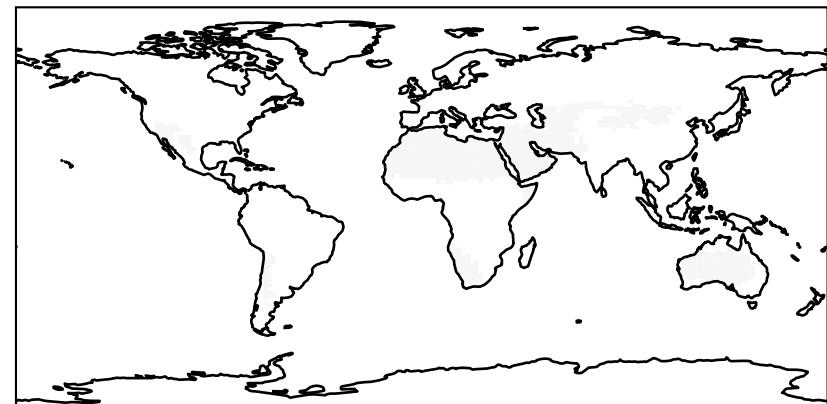
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

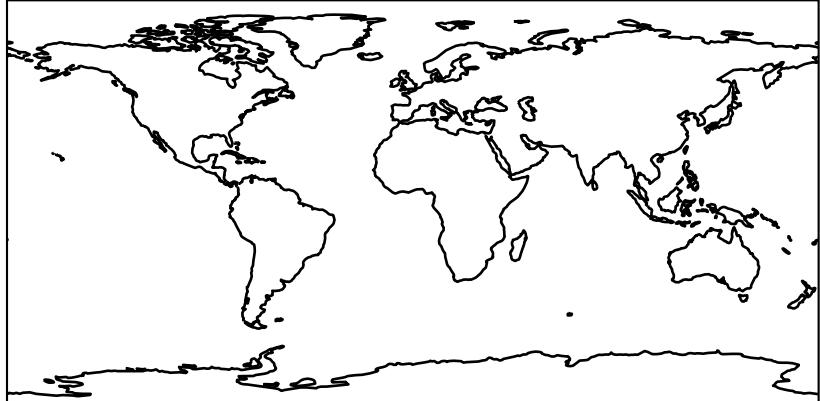


Ratio  
Dev/Ref, Fixed Range

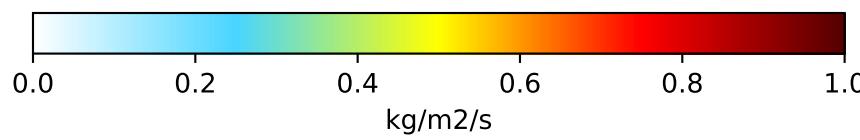


# EmisDST1\_Total

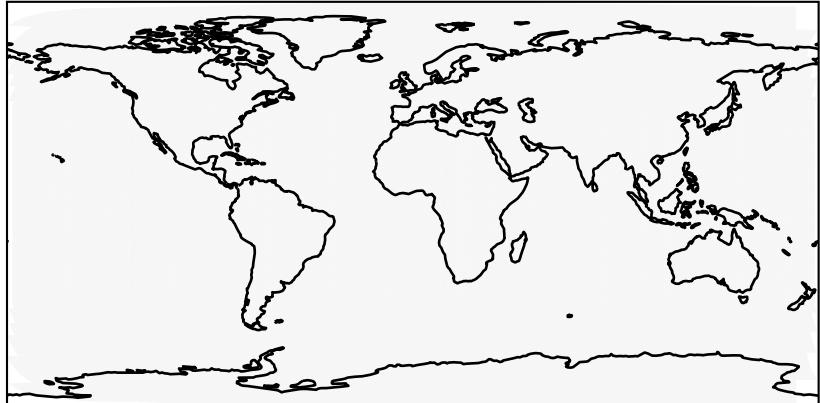
GCHP\_13.0.0-rc.2 (Ref)  
c48



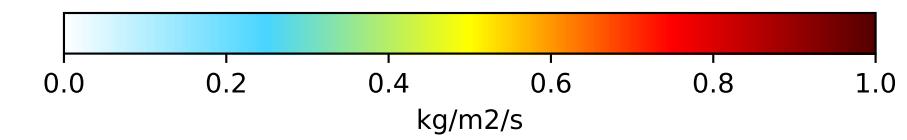
GCHP\_13.1.0-beta.1 (Dev)  
c48



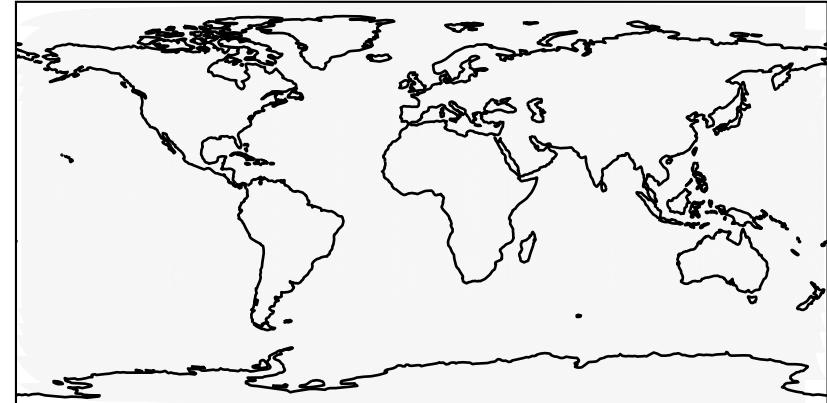
Difference  
Dev - Ref, Dynamic Range



Zero throughout domain  
kg/m<sup>2</sup>/s

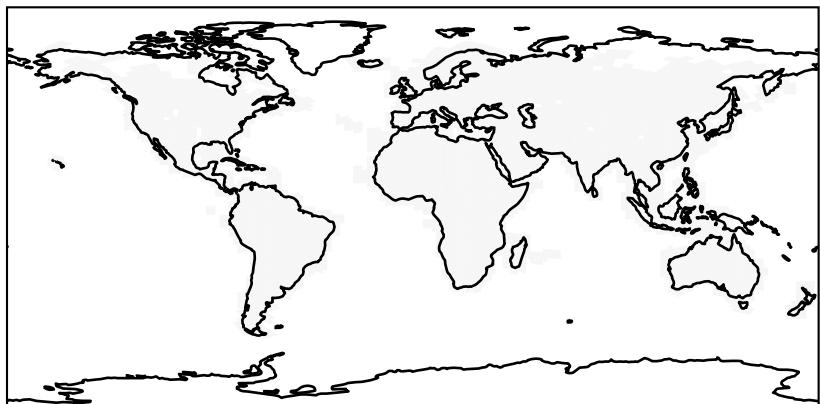


Difference  
Dev - Ref, Restricted Range [5%,95%]



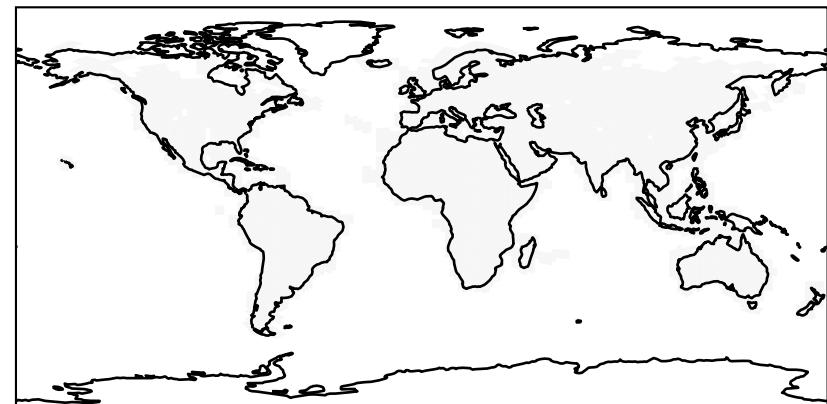
Zero throughout domain  
kg/m<sup>2</sup>/s

Ratio  
Dev/Ref, Dynamic Range



0.90      0.96      1.02      1.08  
unitless

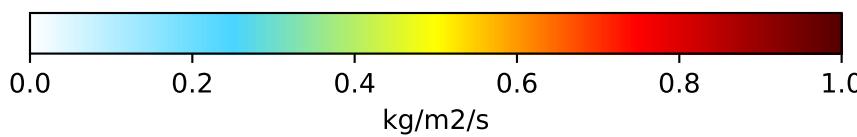
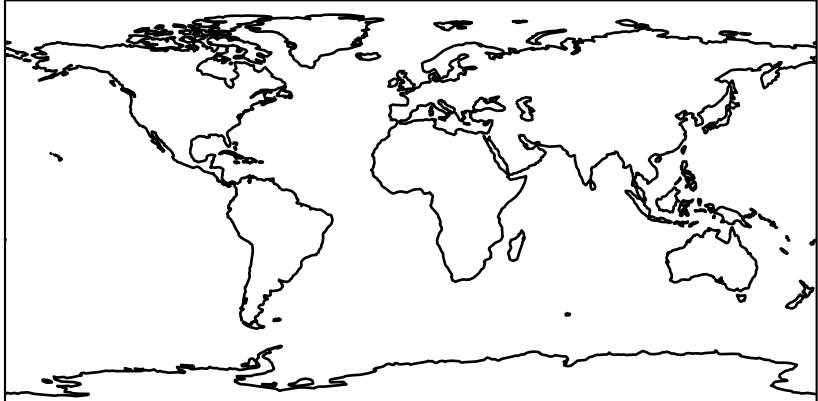
Ratio  
Dev/Ref, Fixed Range



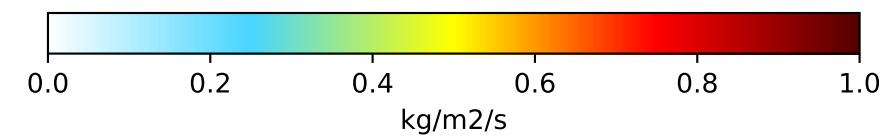
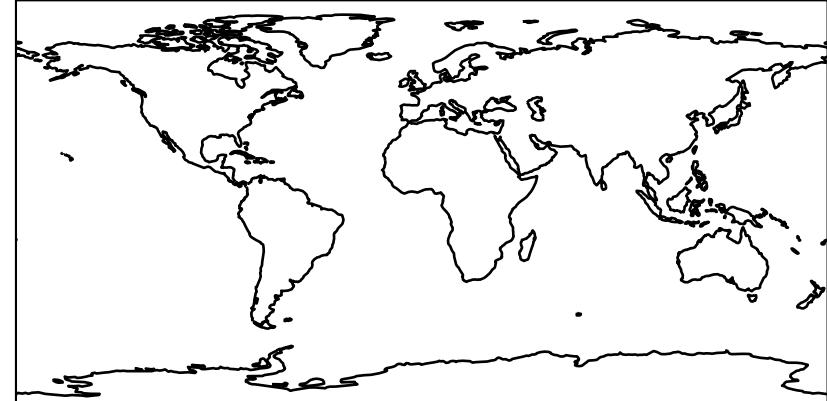
0.50      0.75      1.00      1.50      2.00  
unitless

# EmisDST2\_Natural

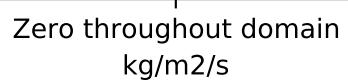
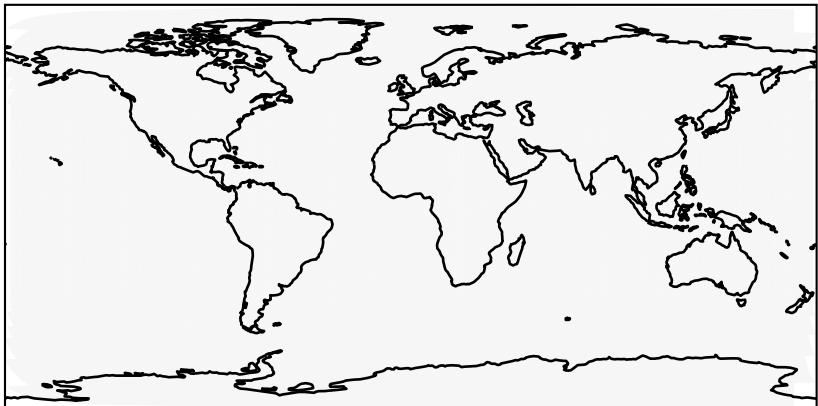
GCHP\_13.0.0-rc.2 (Ref)  
c48



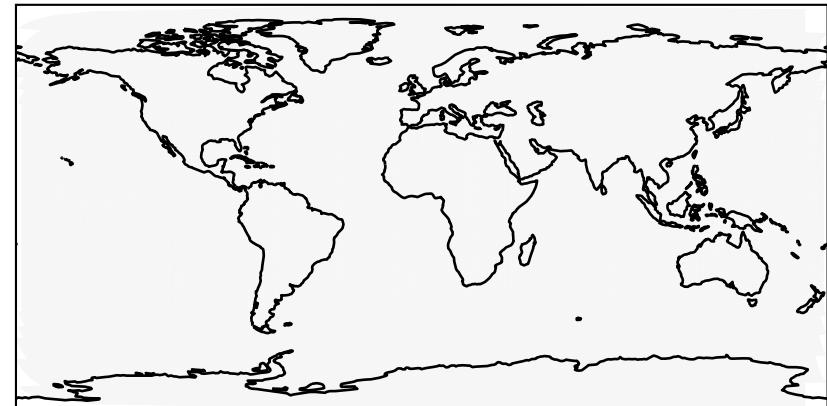
GCHP\_13.1.0-beta.1 (Dev)  
c48



Difference  
Dev - Ref, Dynamic Range



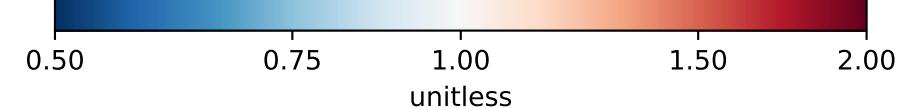
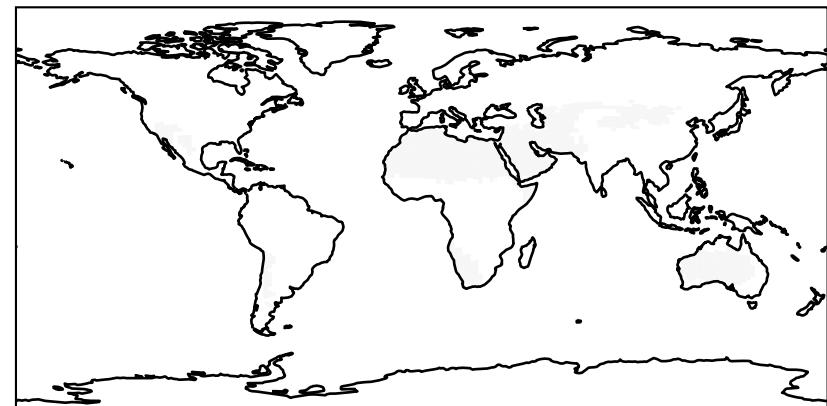
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

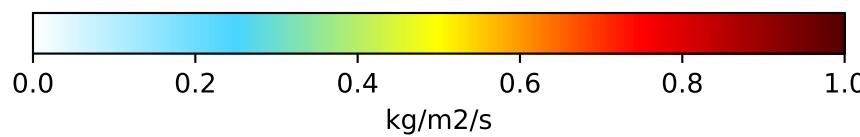
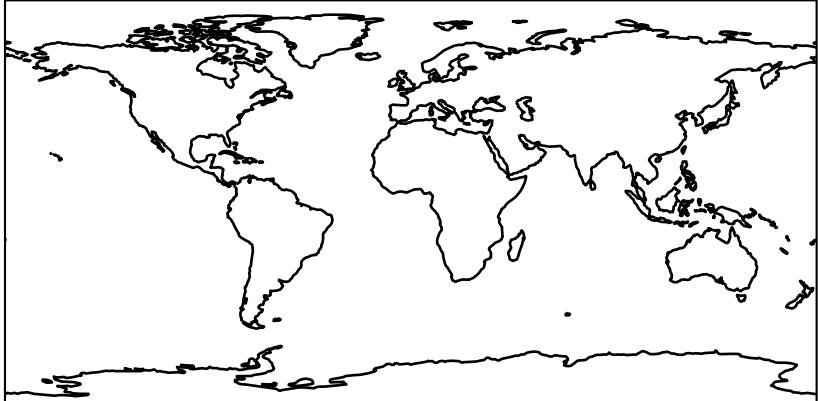


Ratio  
Dev/Ref, Fixed Range

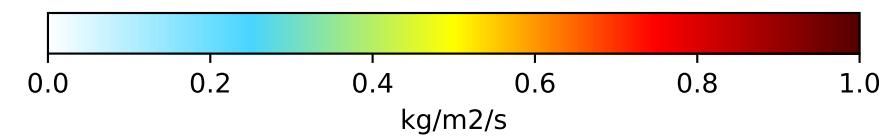


# EmisDST3\_Natural

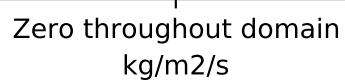
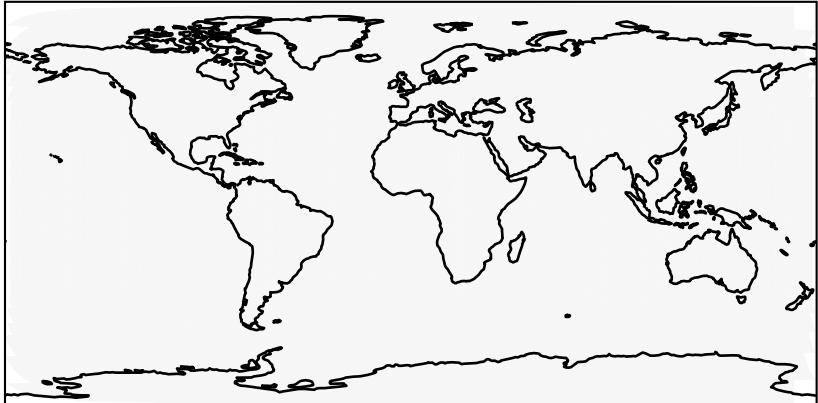
GCHP\_13.0.0-rc.2 (Ref)  
c48



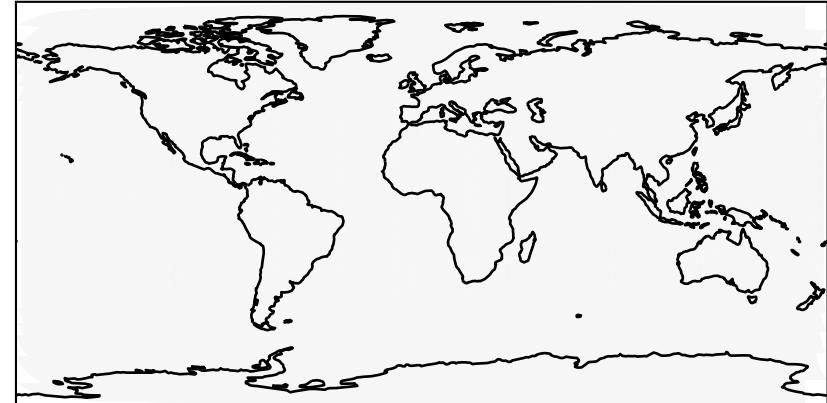
GCHP\_13.1.0-beta.1 (Dev)  
c48



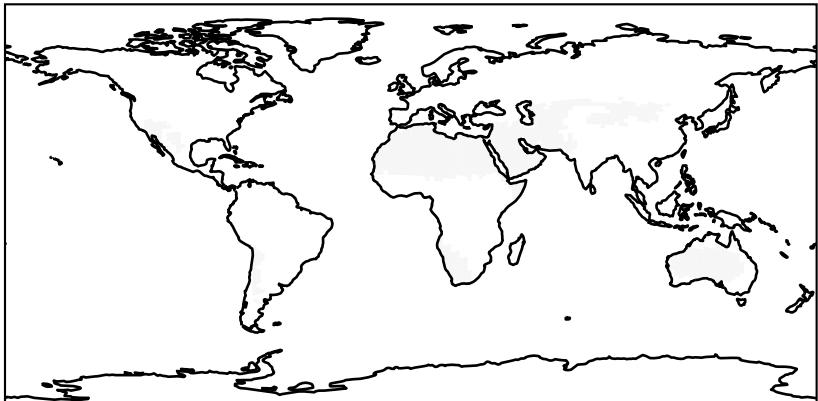
Difference  
Dev - Ref, Dynamic Range



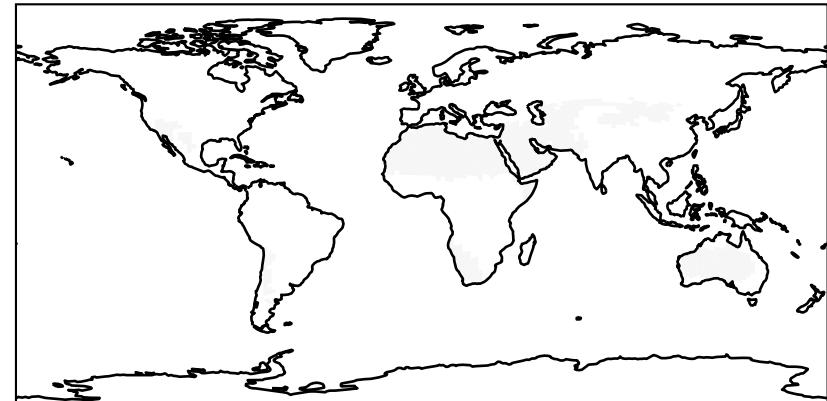
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

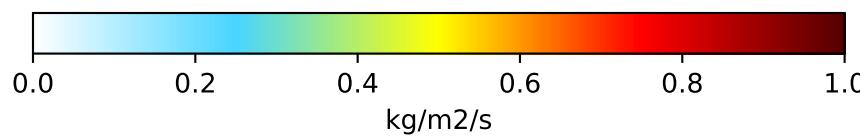


Ratio  
Dev/Ref, Fixed Range

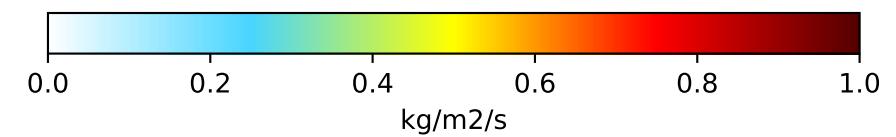


# EmisDST4\_Natural

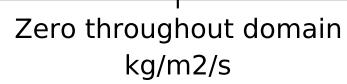
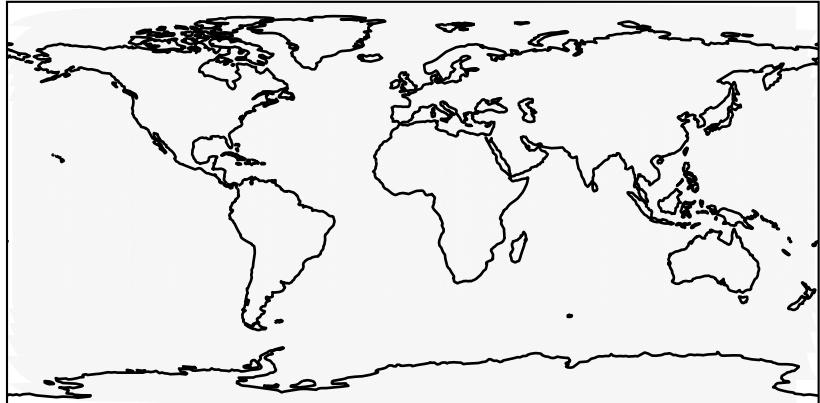
GCHP\_13.0.0-rc.2 (Ref)  
c48



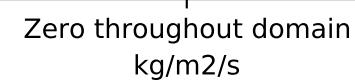
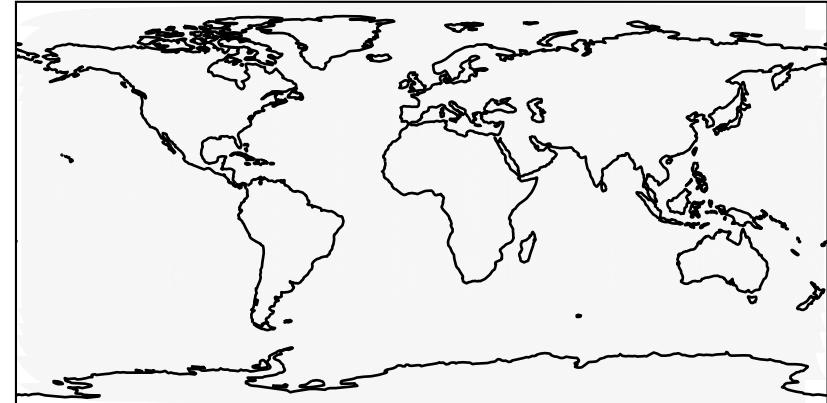
GCHP\_13.1.0-beta.1 (Dev)  
c48



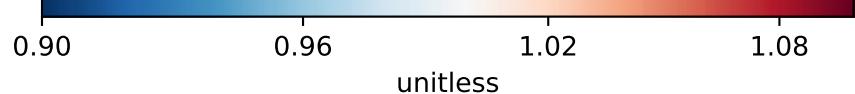
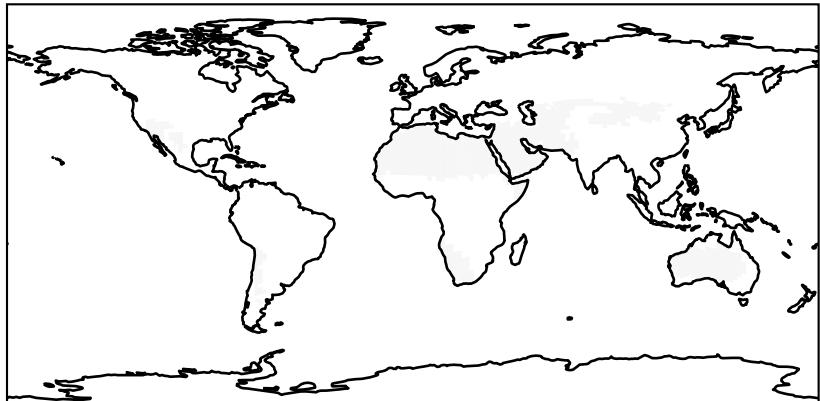
Difference  
Dev - Ref, Dynamic Range



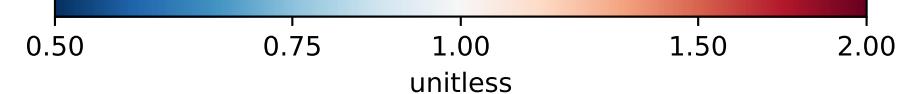
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

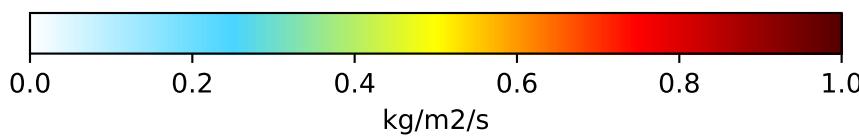
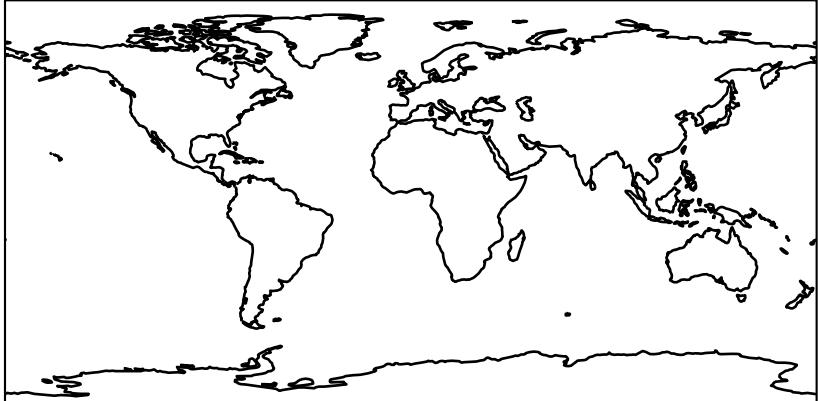


Ratio  
Dev/Ref, Fixed Range

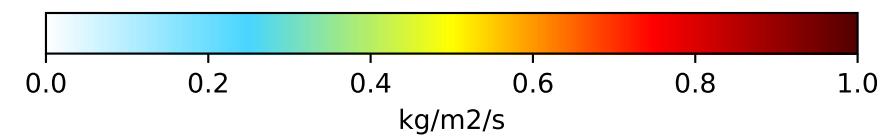


# EmisSO4\_Aircraft

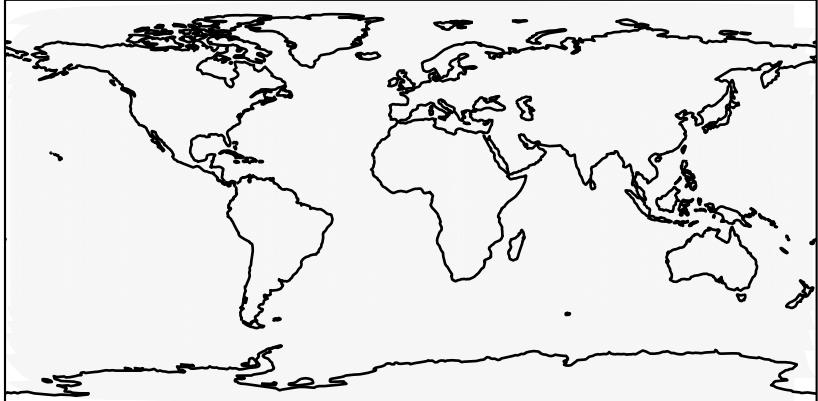
GCHP\_13.0.0-rc.2 (Ref)  
c48



GCHP\_13.1.0-beta.1 (Dev)  
c48

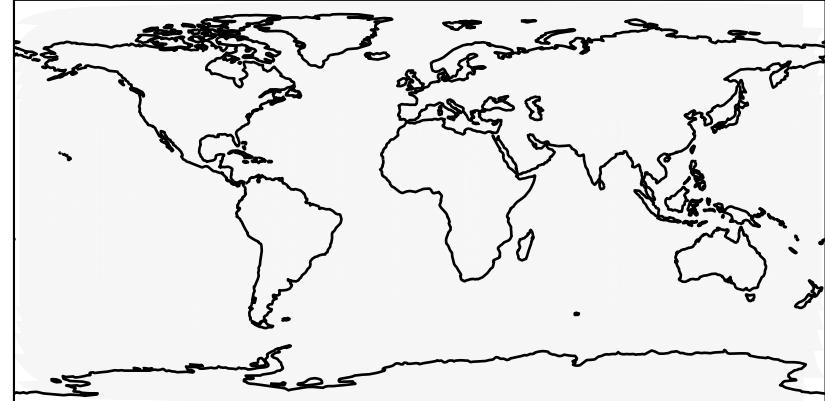


Difference  
Dev - Ref, Dynamic Range



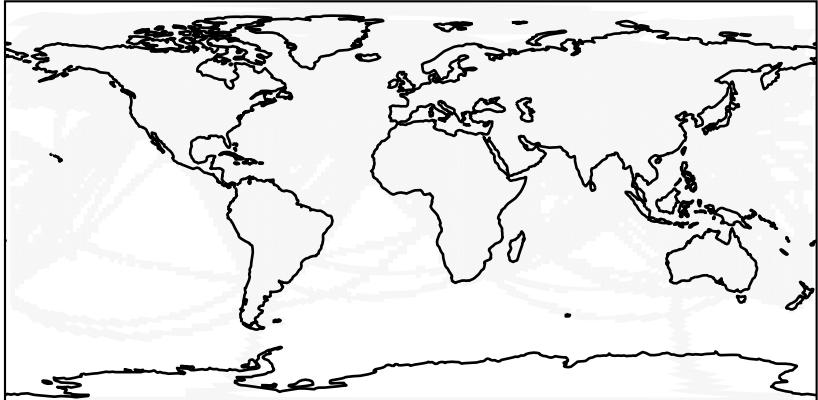
Zero throughout domain  
kg/m<sup>2</sup>/s

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



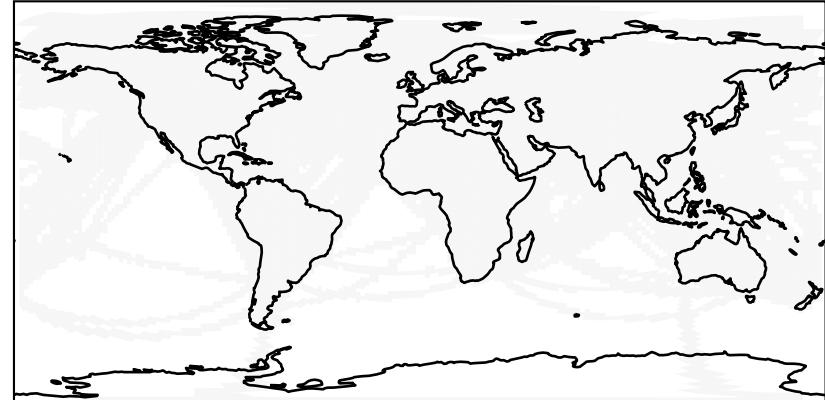
Zero throughout domain  
kg/m<sup>2</sup>/s

Ratio  
Dev/Ref, Dynamic Range



0.90 0.96 1.02 1.08  
unitless

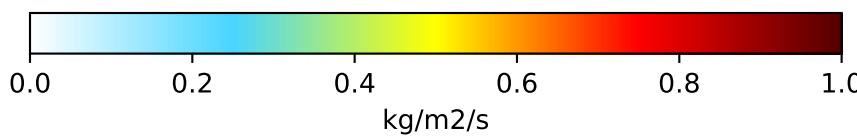
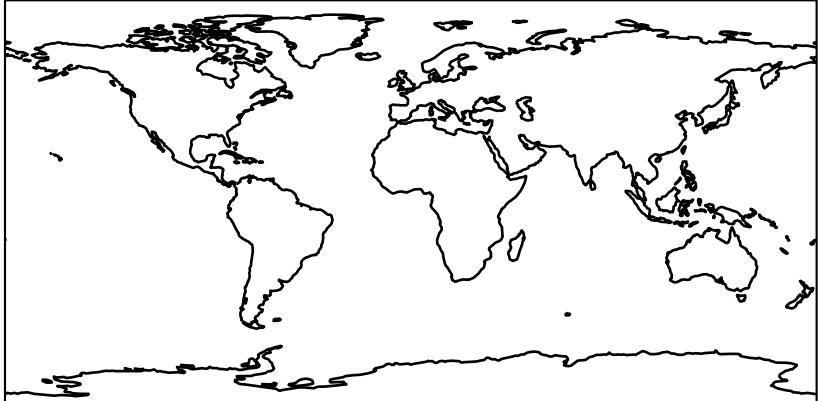
Ratio  
Dev/Ref, Fixed Range



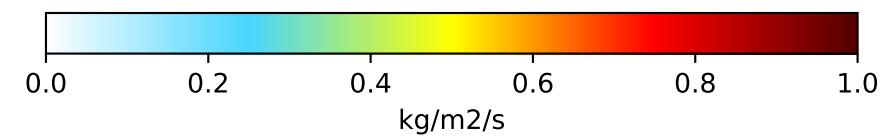
0.50 0.75 1.00 1.50 2.00  
unitless

# EmisSO4\_Anthro

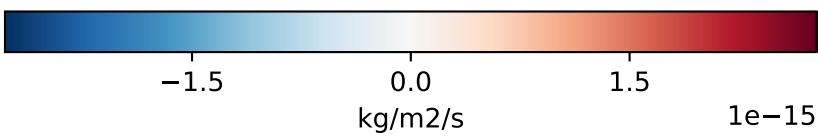
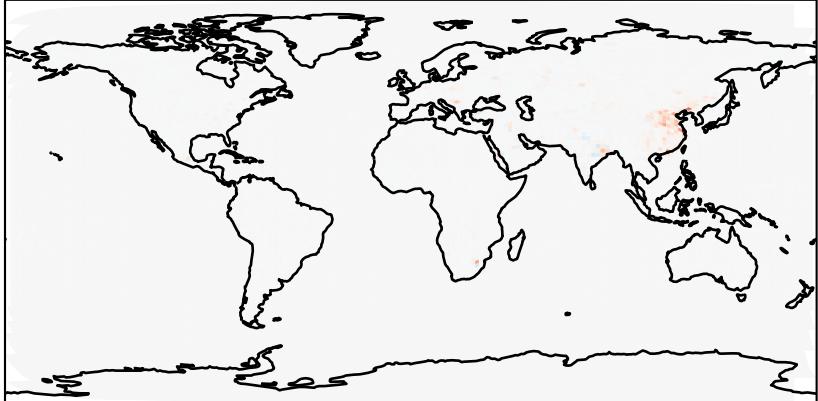
GCHP\_13.0.0-rc.2 (Ref)  
c48



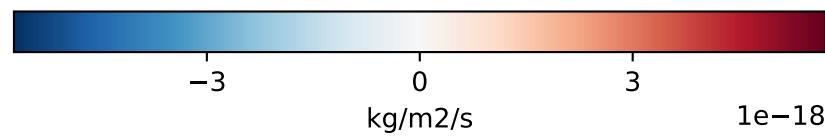
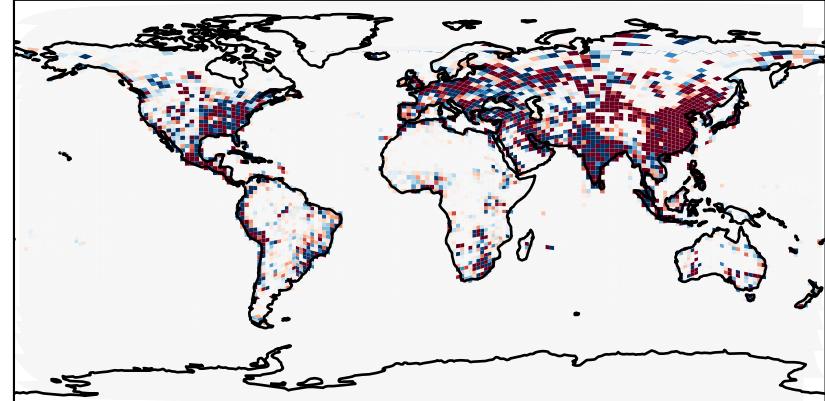
GCHP\_13.1.0-beta.1 (Dev)  
c48



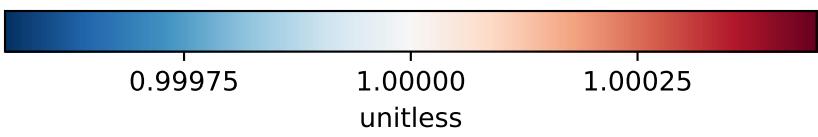
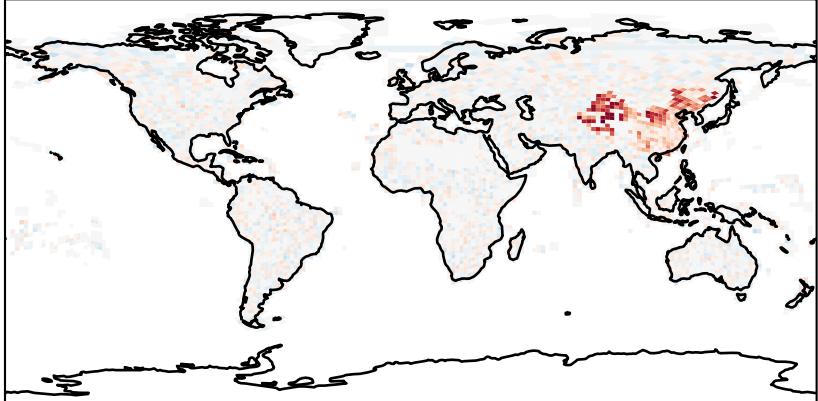
Difference  
Dev - Ref, Dynamic Range



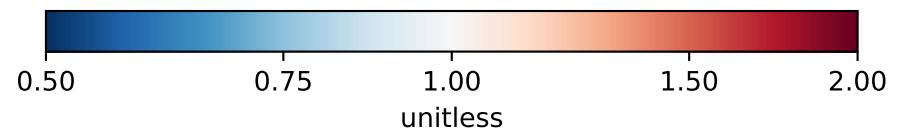
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

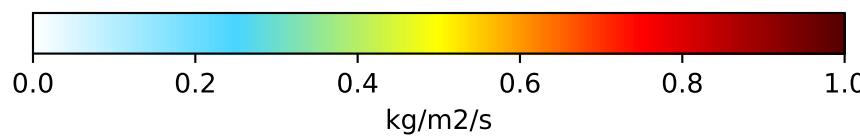
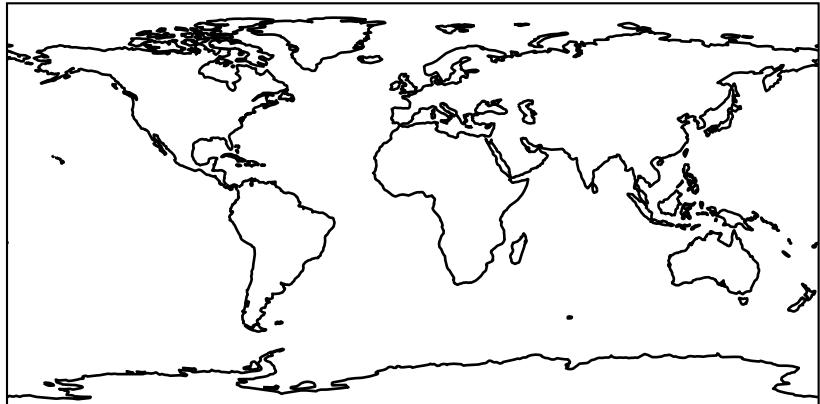


Ratio  
Dev/Ref, Fixed Range

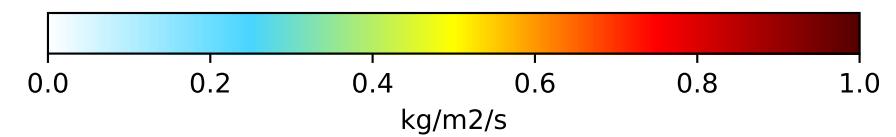
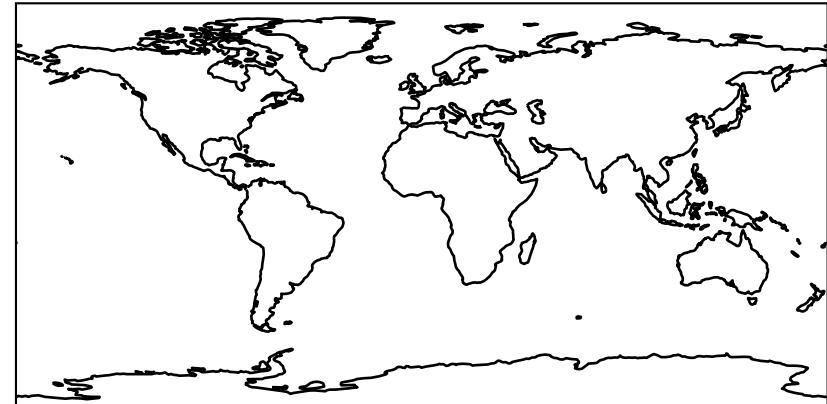


# EmisSO4\_Ship

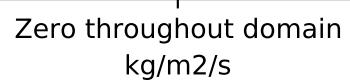
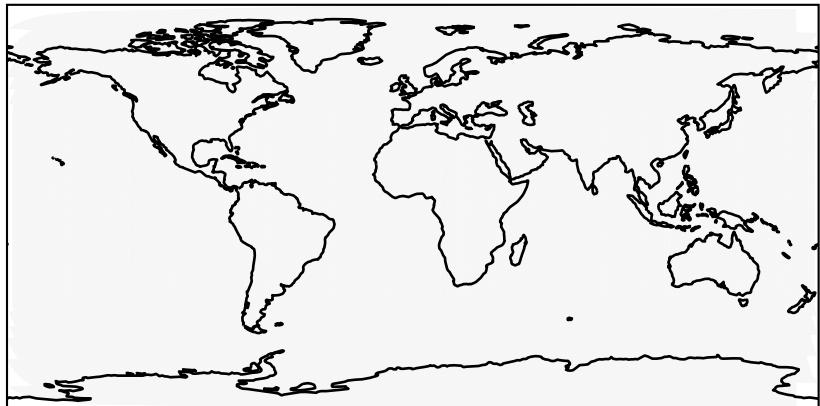
GCHP\_13.0.0-rc.2 (Ref)  
c48



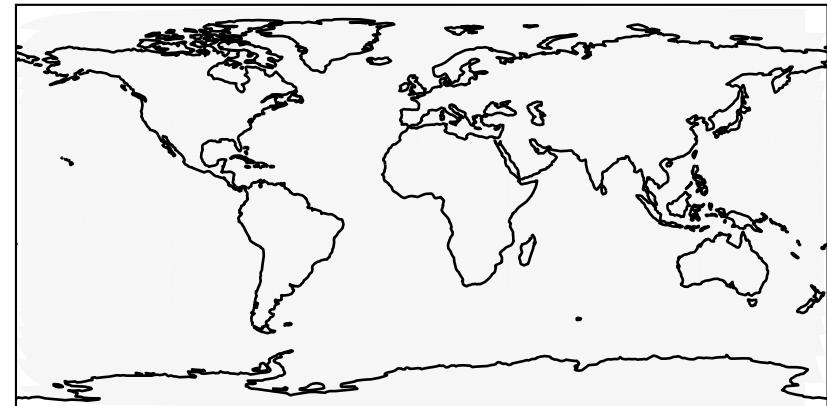
GCHP\_13.1.0-beta.1 (Dev)  
c48



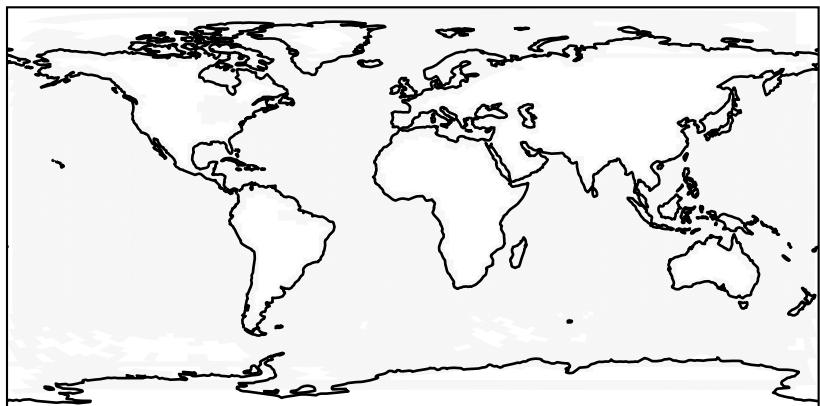
Difference  
Dev - Ref, Dynamic Range



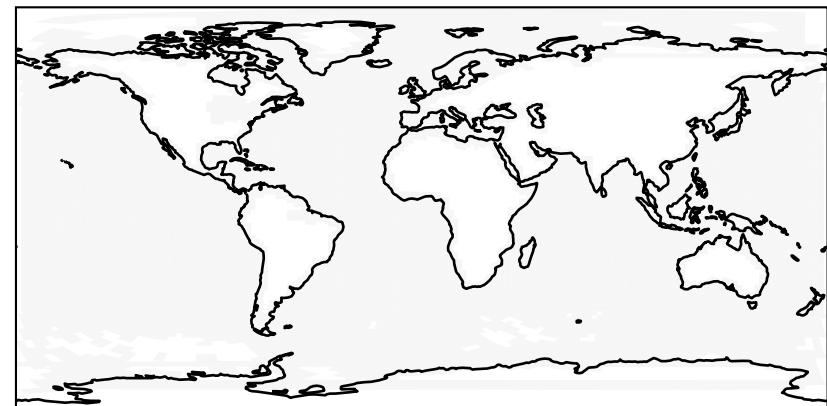
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

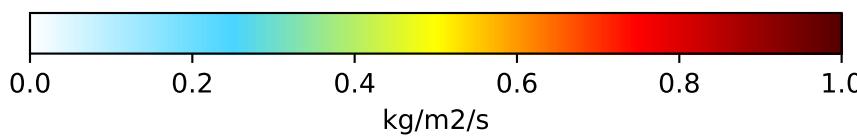
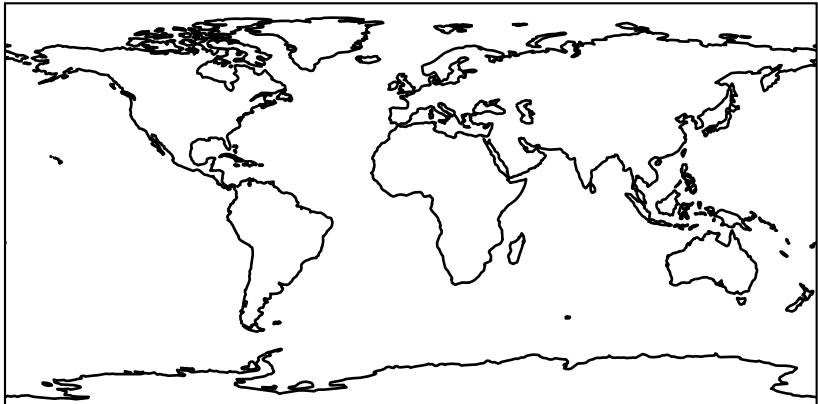


Ratio  
Dev/Ref, Fixed Range

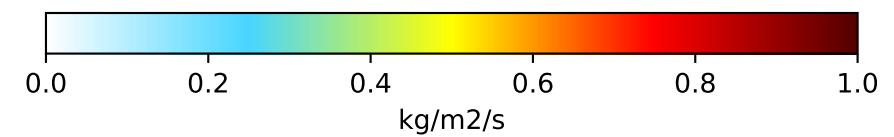
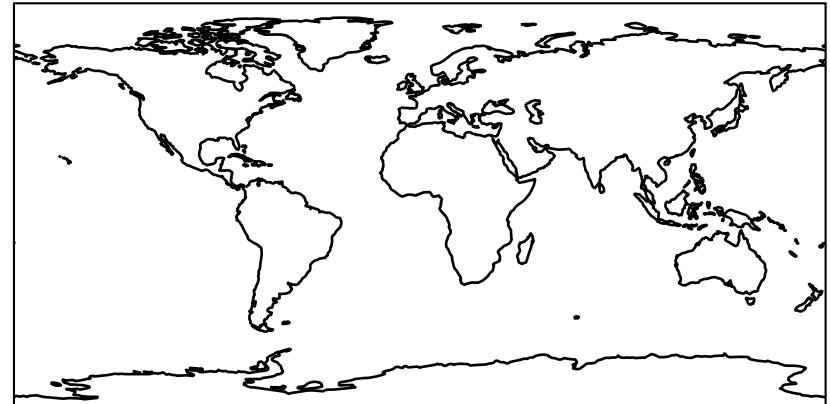


# EmisSO4\_Total

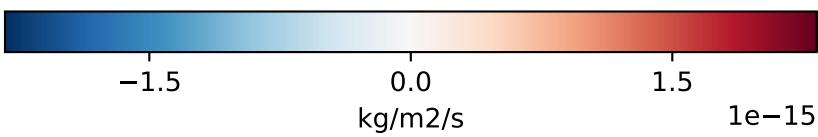
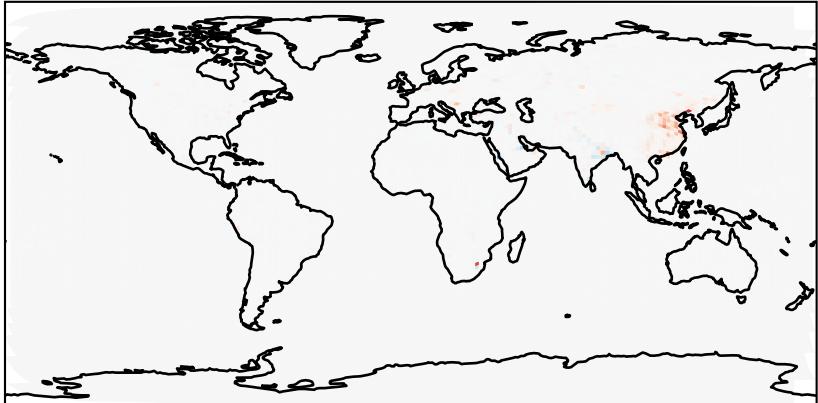
GCHP\_13.0.0-rc.2 (Ref)  
c48



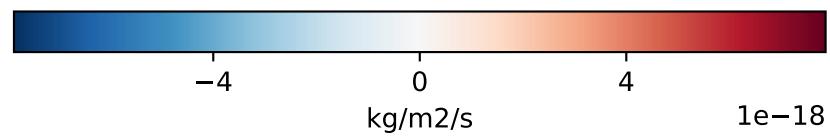
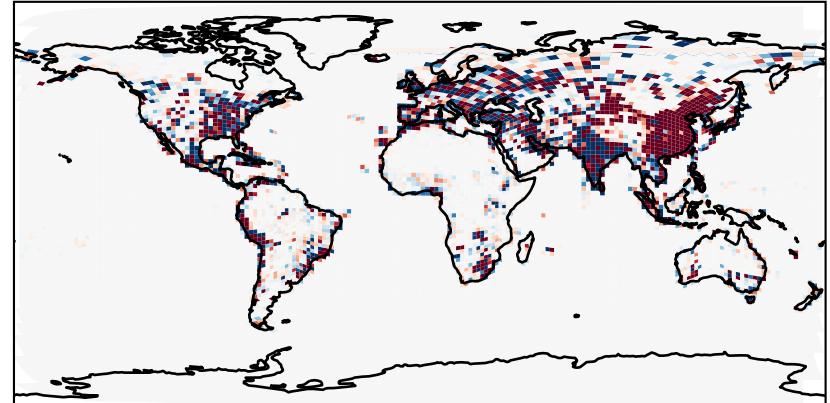
GCHP\_13.1.0-beta.1 (Dev)  
c48



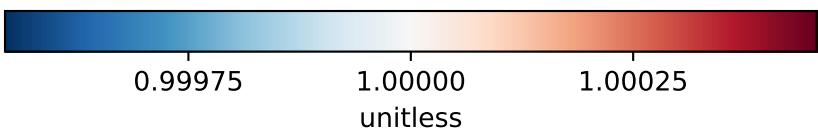
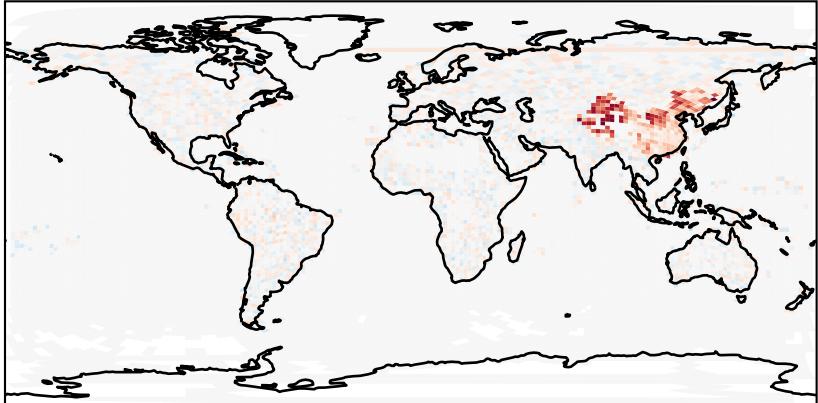
Difference  
Dev - Ref, Dynamic Range



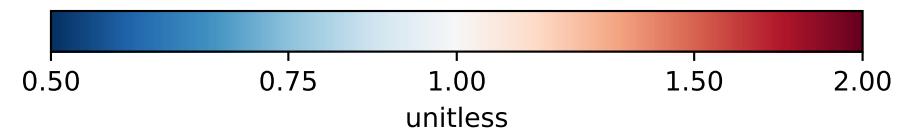
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

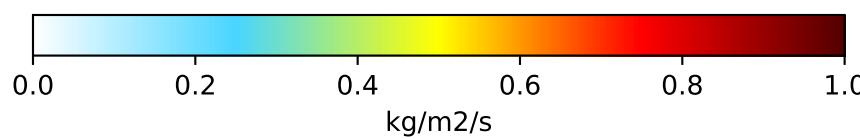
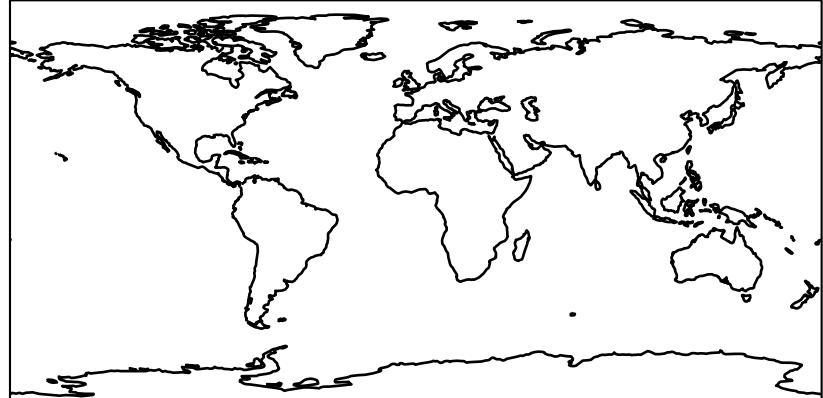


Ratio  
Dev/Ref, Fixed Range

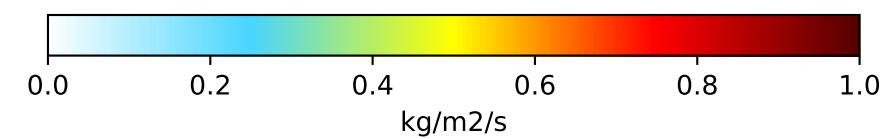
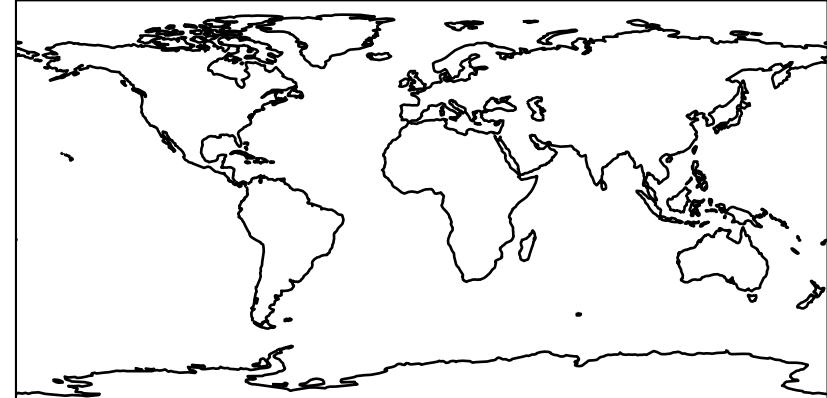


# EmisBCPI\_Aircraft

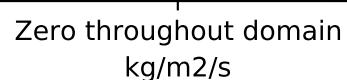
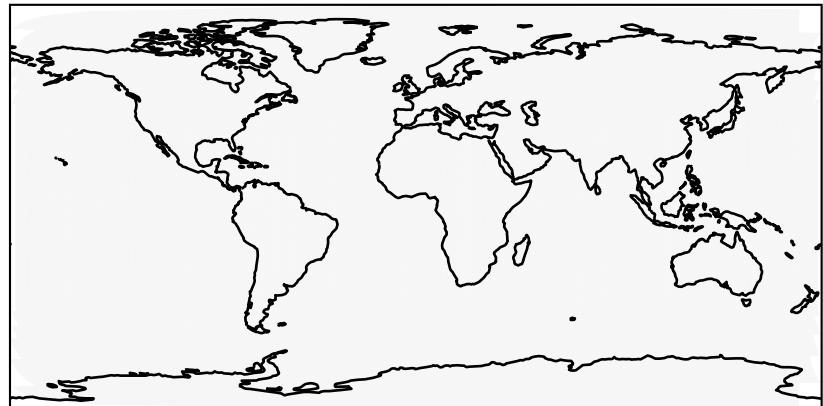
GCHP\_13.0.0-rc.2 (Ref)  
c48



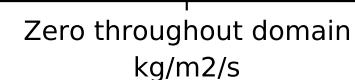
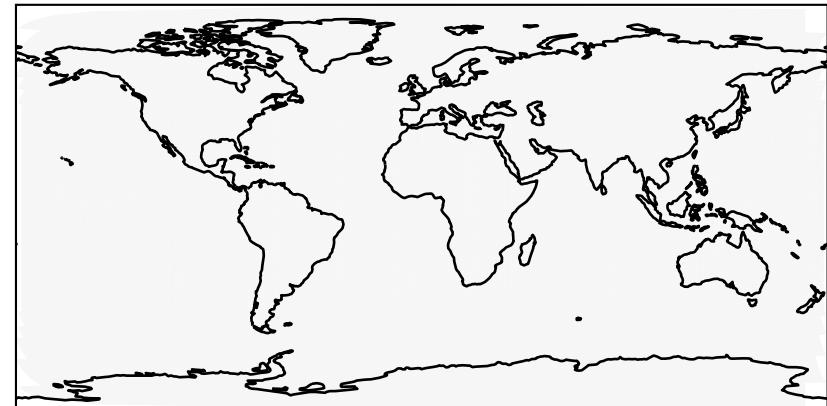
GCHP\_13.1.0-beta.1 (Dev)  
c48



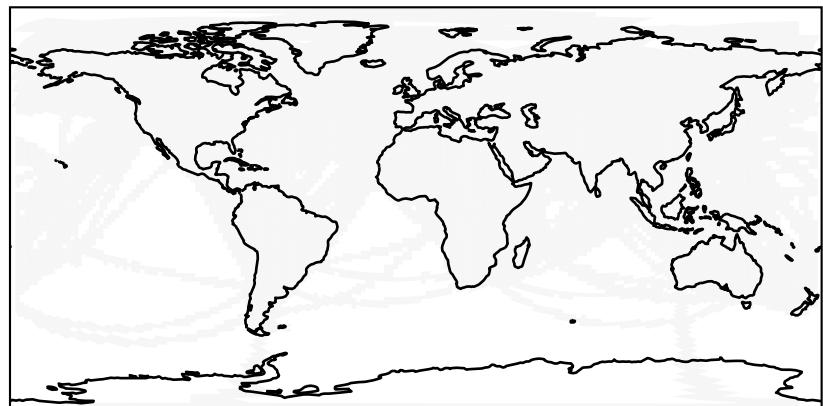
Difference  
Dev - Ref, Dynamic Range



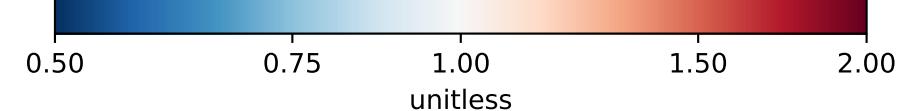
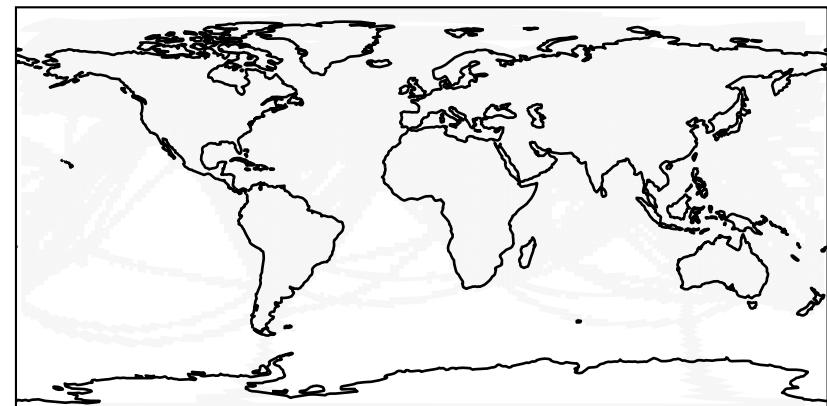
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

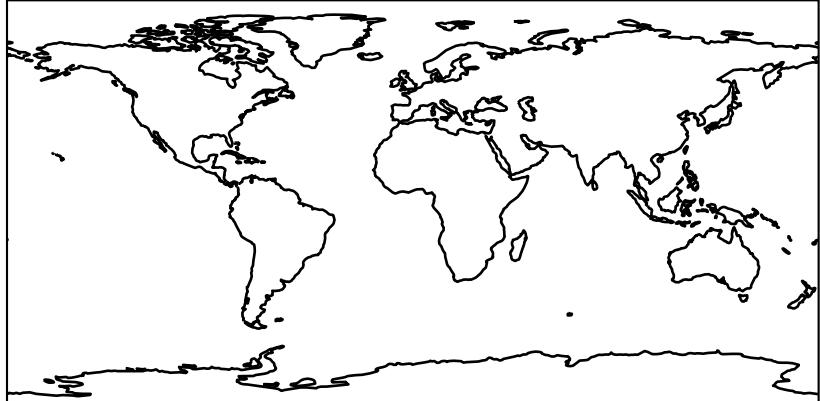


Ratio  
Dev/Ref, Fixed Range

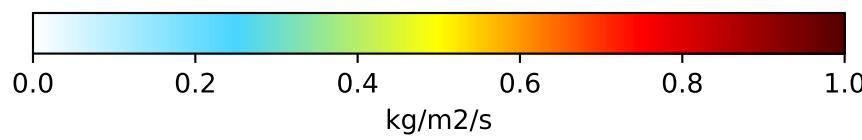


# EmisBCPI\_Anthro

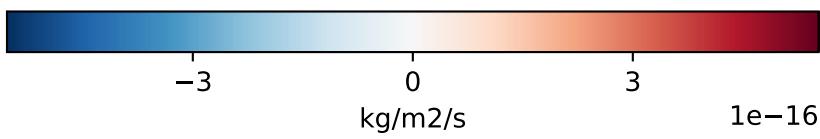
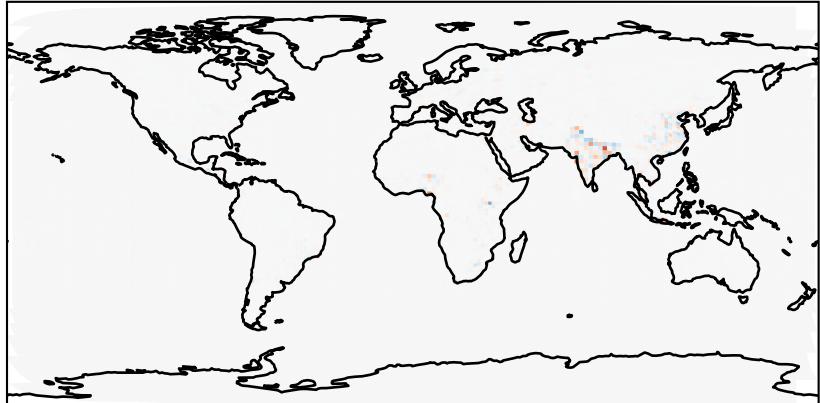
GCHP\_13.0.0-rc.2 (Ref)  
c48



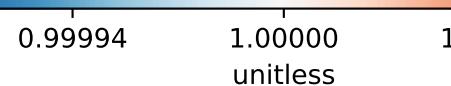
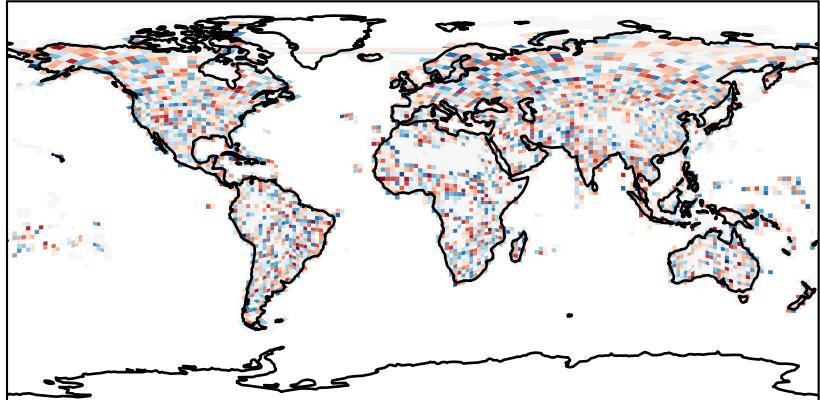
GCHP\_13.1.0-beta.1 (Dev)  
c48



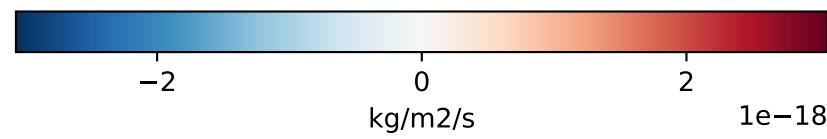
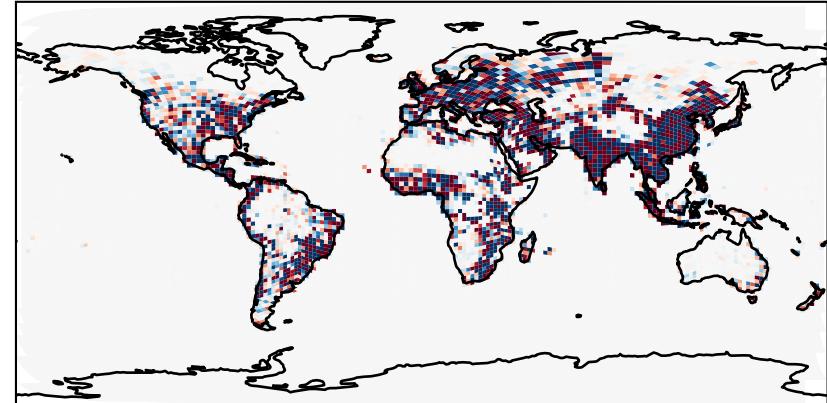
Difference  
Dev - Ref, Dynamic Range



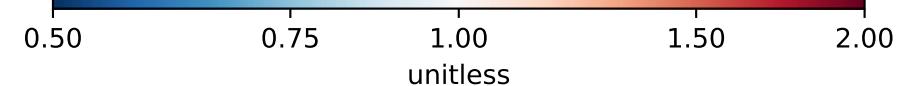
Ratio  
Dev/Ref, Dynamic Range



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

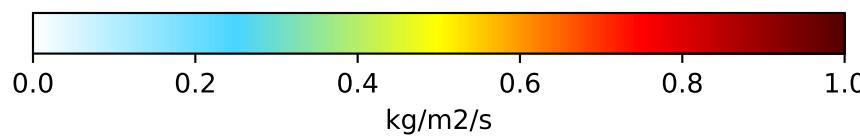


Ratio  
Dev/Ref, Fixed Range

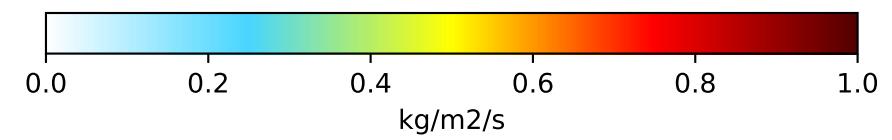
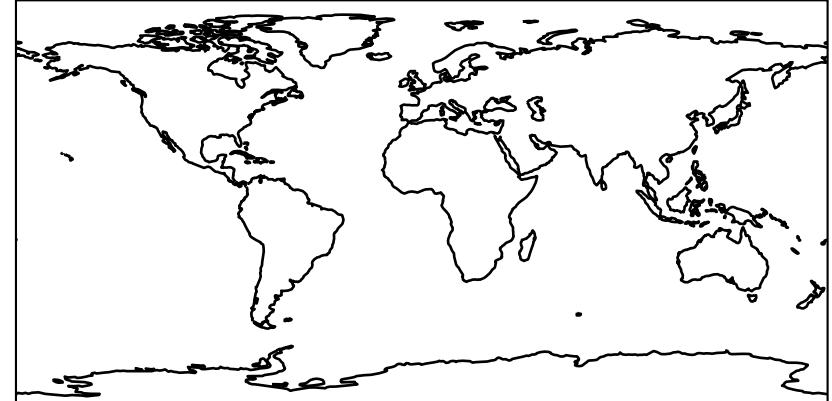


# EmisBCPI\_BioBurn

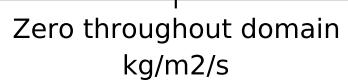
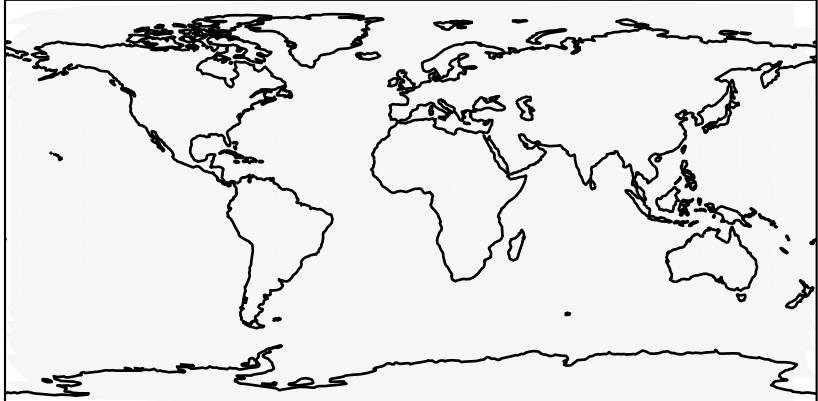
GCHP\_13.0.0-rc.2 (Ref)  
c48



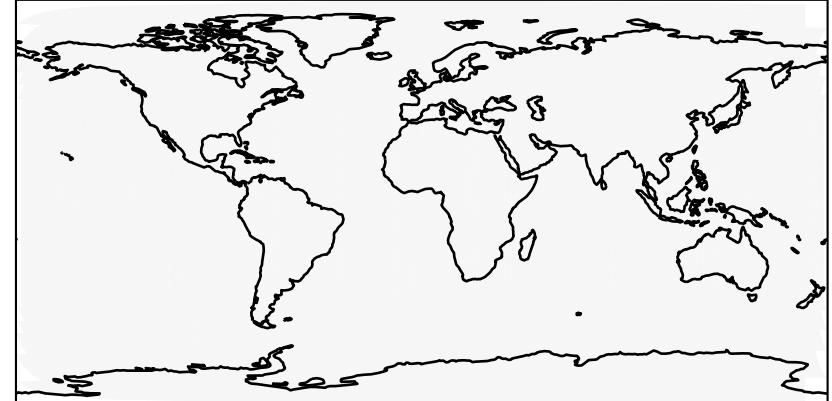
GCHP\_13.1.0-beta.1 (Dev)  
c48



Difference  
Dev - Ref, Dynamic Range



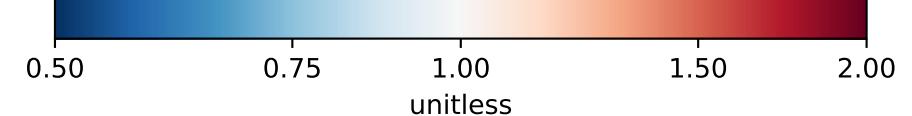
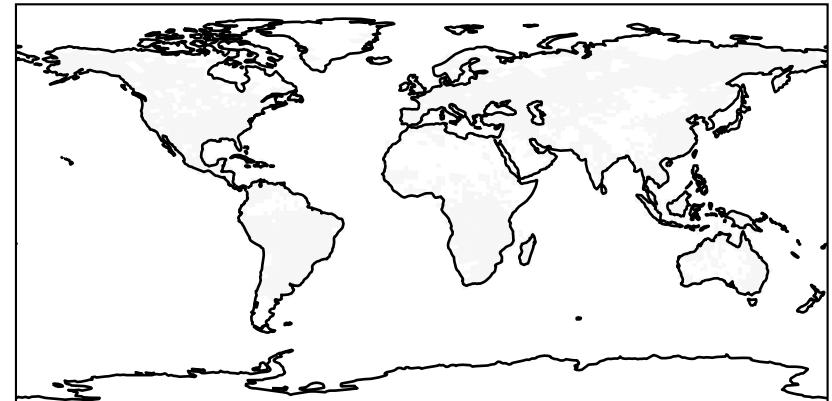
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

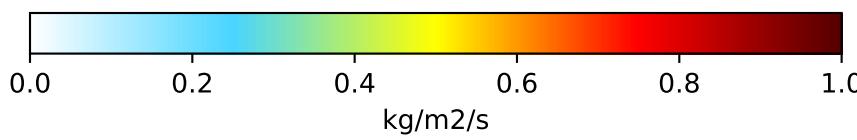
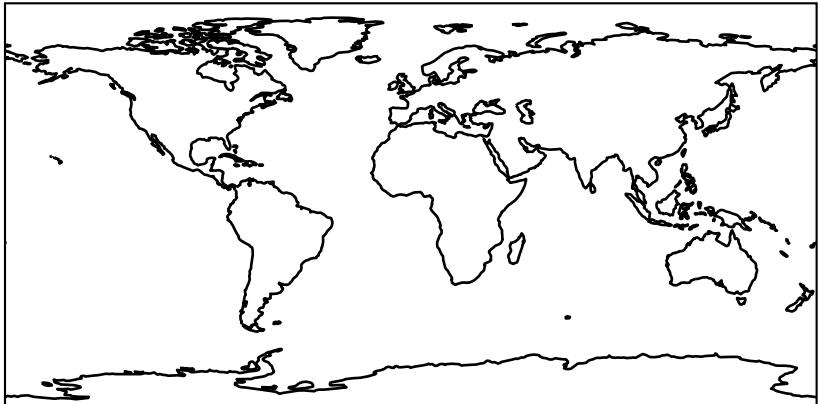


Ratio  
Dev/Ref, Fixed Range

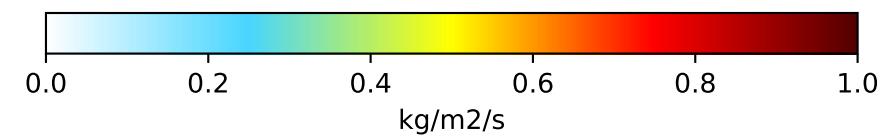
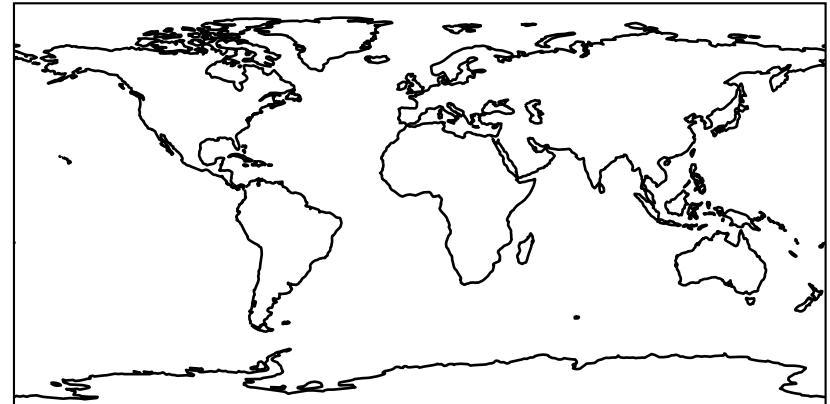


# EmisBCPI\_Ship

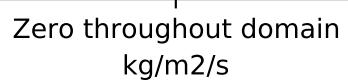
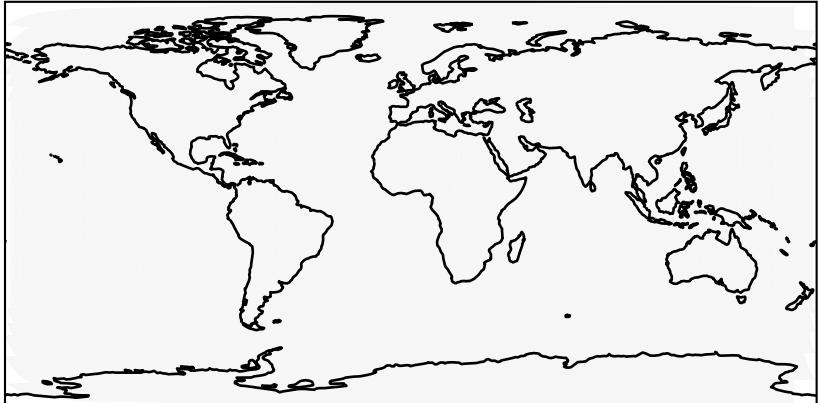
GCHP\_13.0.0-rc.2 (Ref)  
c48



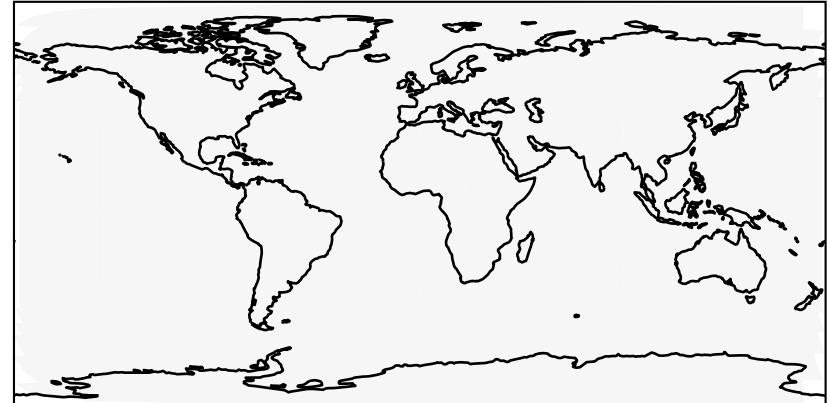
GCHP\_13.1.0-beta.1 (Dev)  
c48



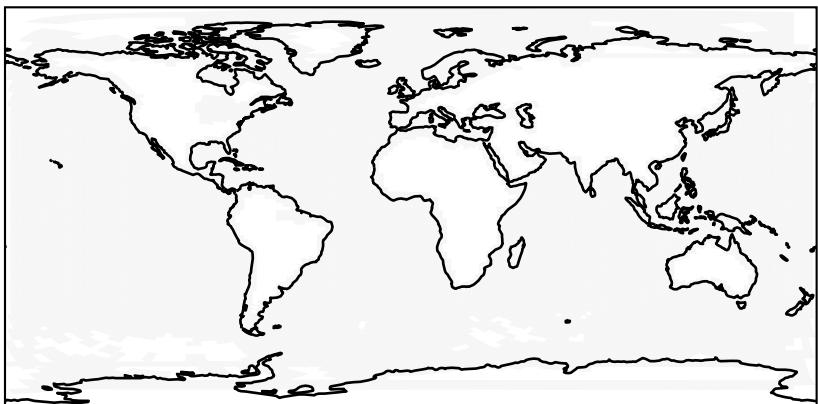
Difference  
Dev - Ref, Dynamic Range



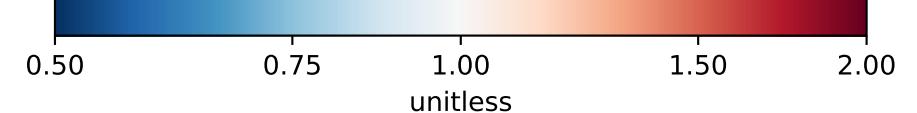
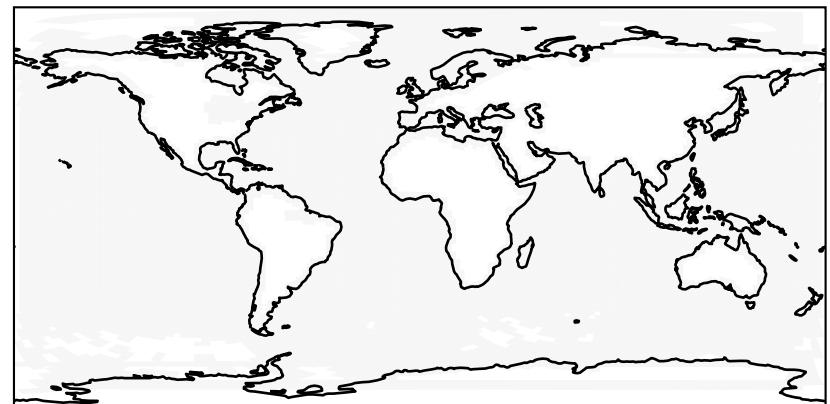
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

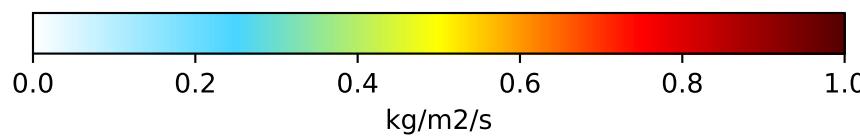
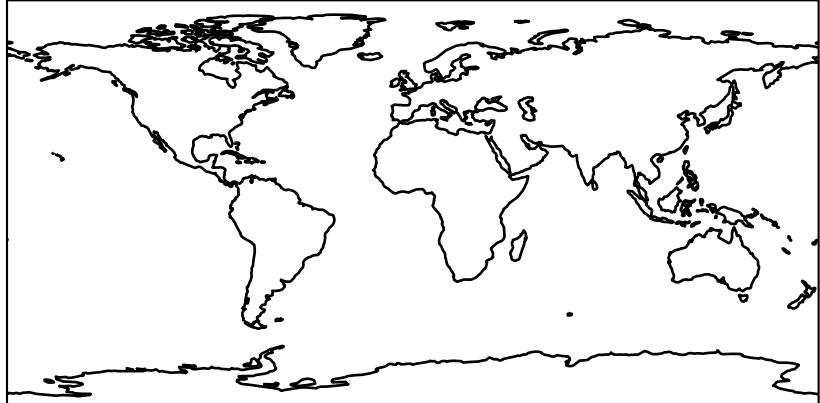


Ratio  
Dev/Ref, Fixed Range

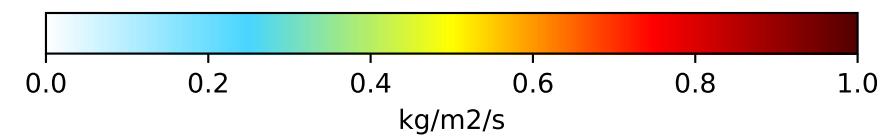
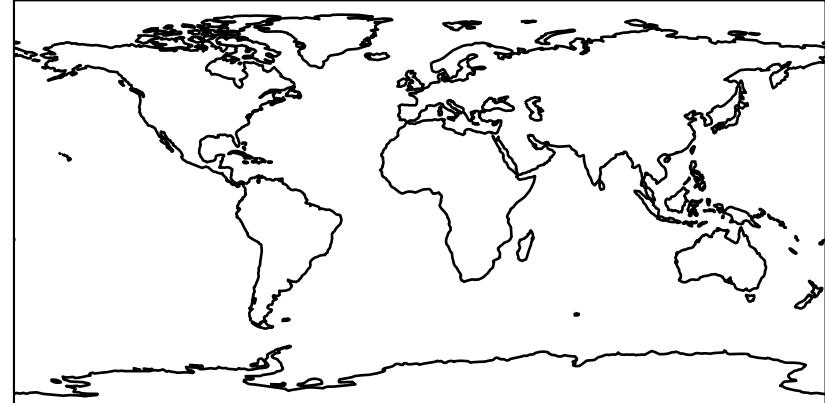


# EmisBCPI\_Total

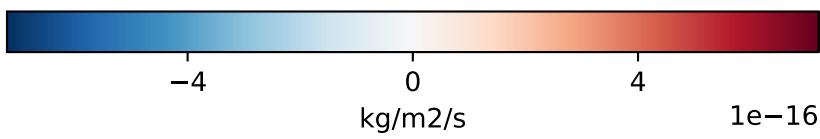
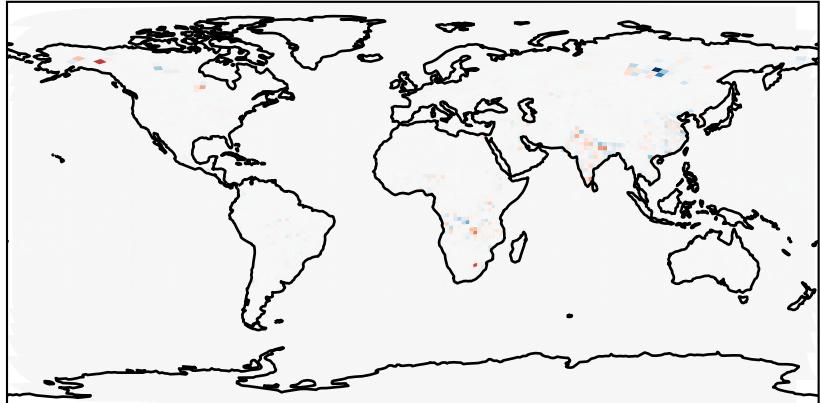
GCHP\_13.0.0-rc.2 (Ref)  
c48



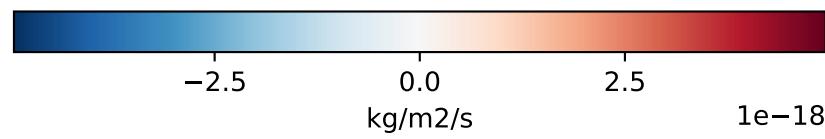
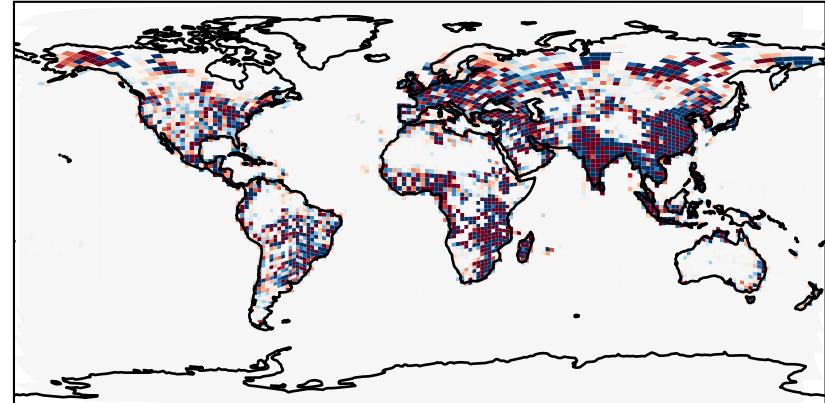
GCHP\_13.1.0-beta.1 (Dev)  
c48



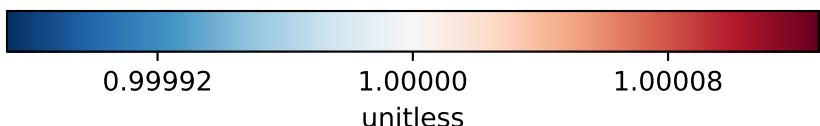
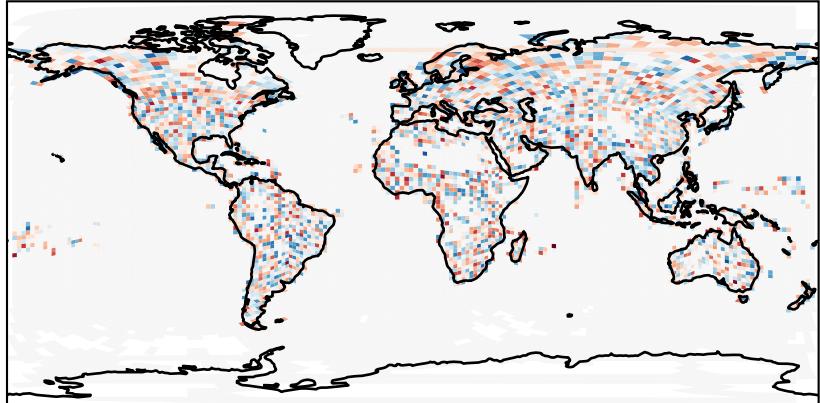
Difference  
Dev - Ref, Dynamic Range



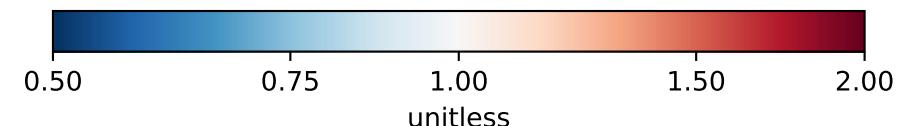
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

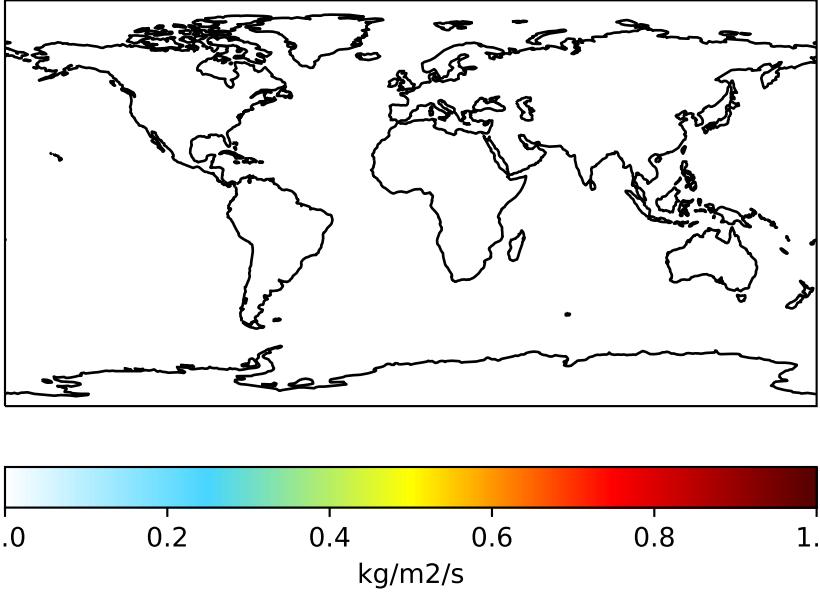


Ratio  
Dev/Ref, Fixed Range

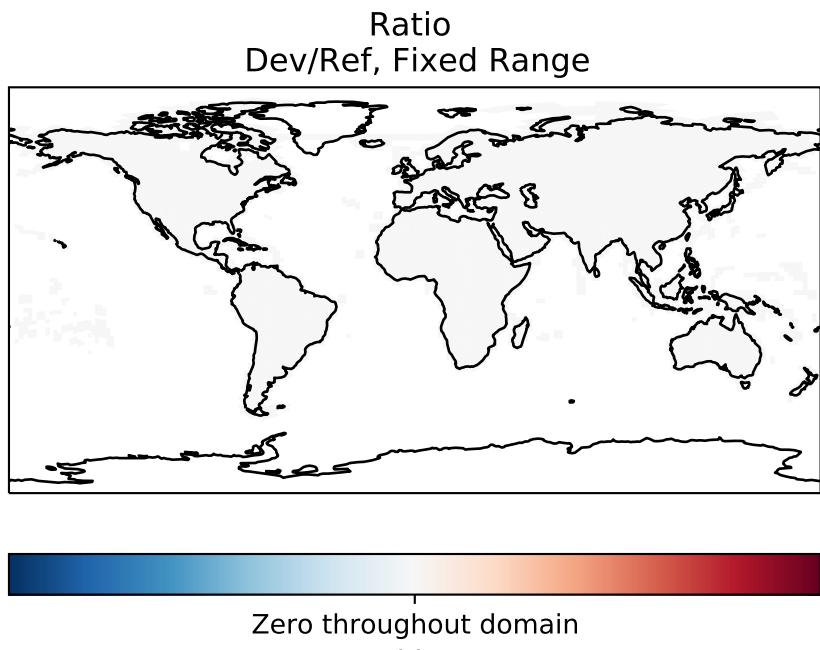
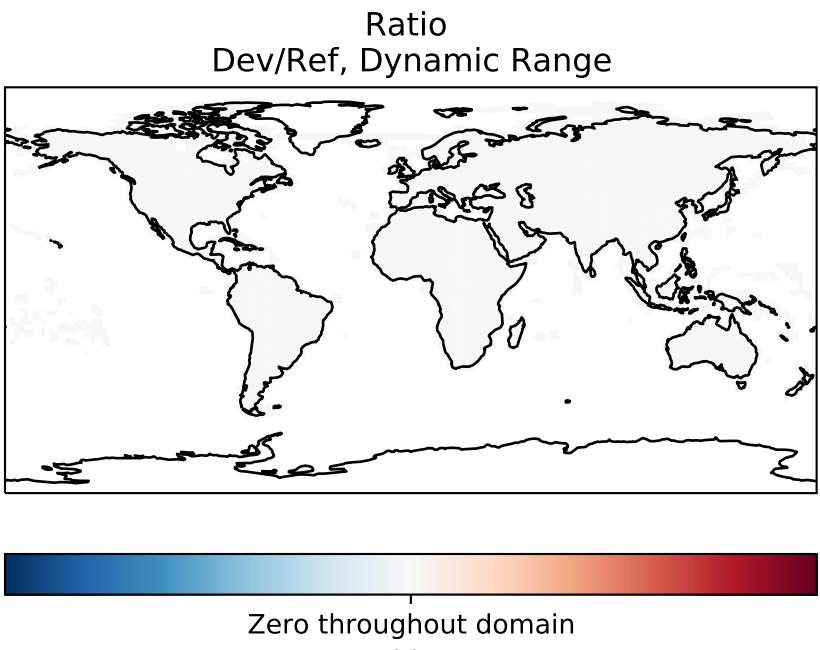
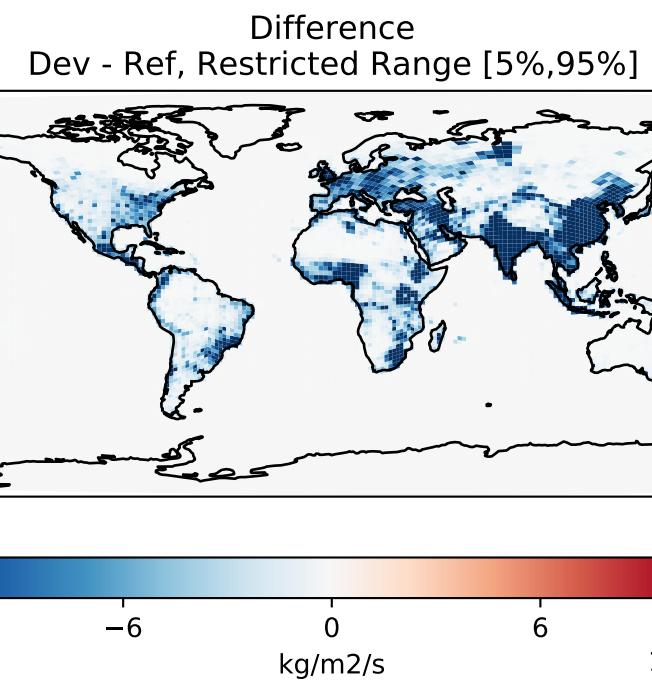
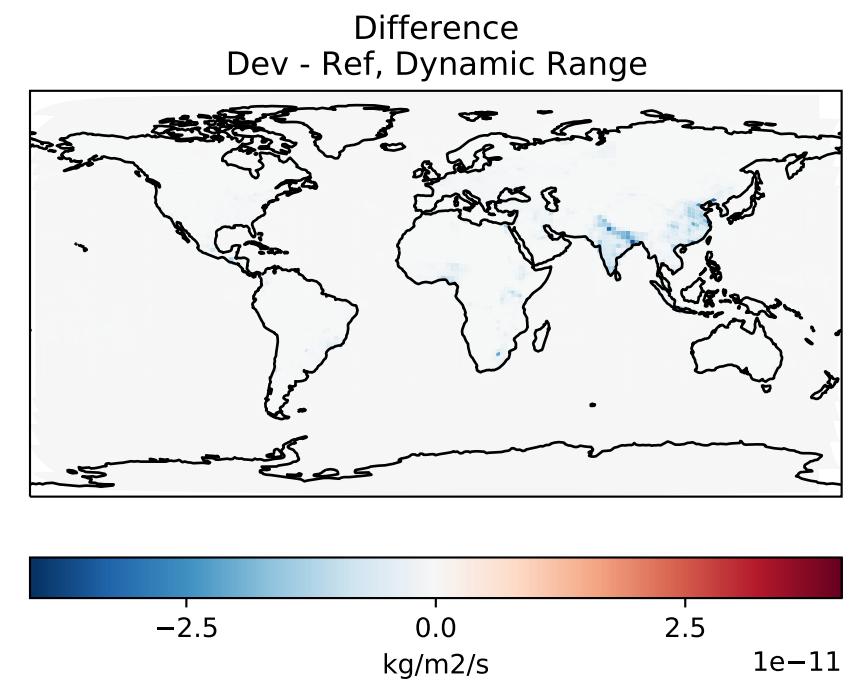
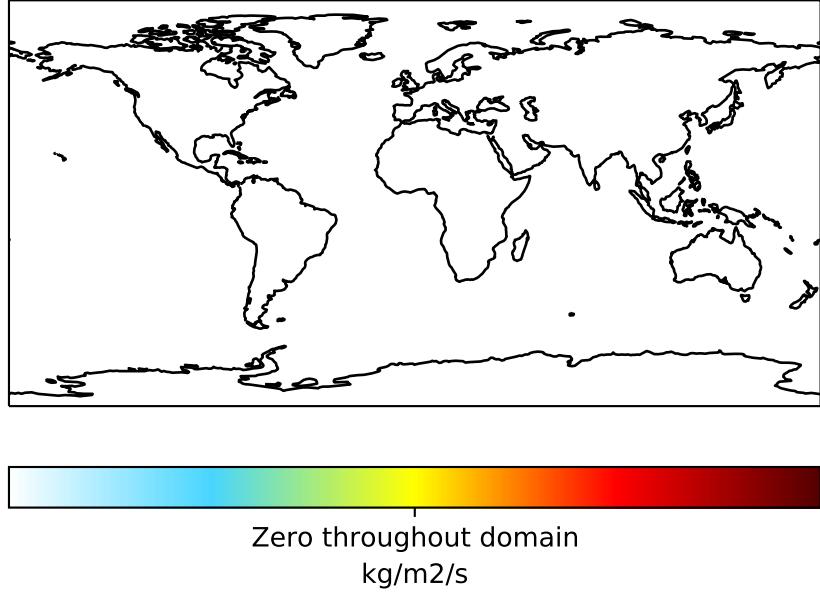


# EmisBCPO\_Anthro

GCHP\_13.0.0-rc.2 (Ref)  
c48

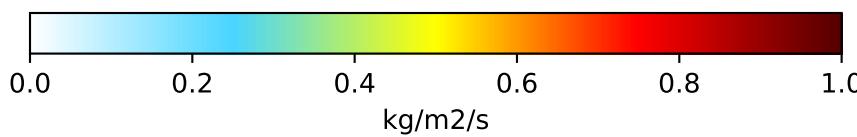


GCHP\_13.1.0-beta.1 (Dev)  
c48

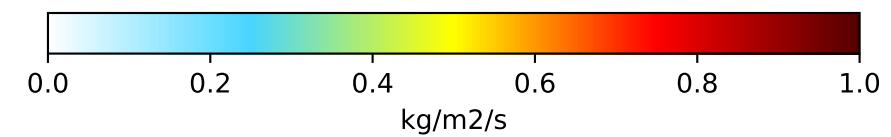


# EmisBCPO\_BioBurn

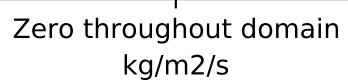
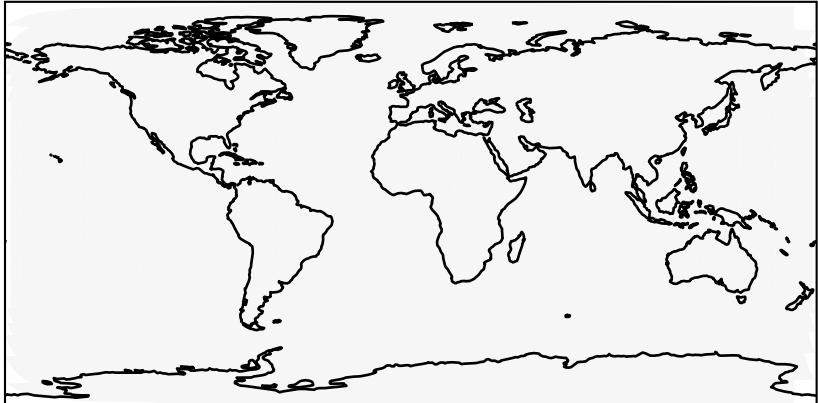
GCHP\_13.0.0-rc.2 (Ref)  
c48



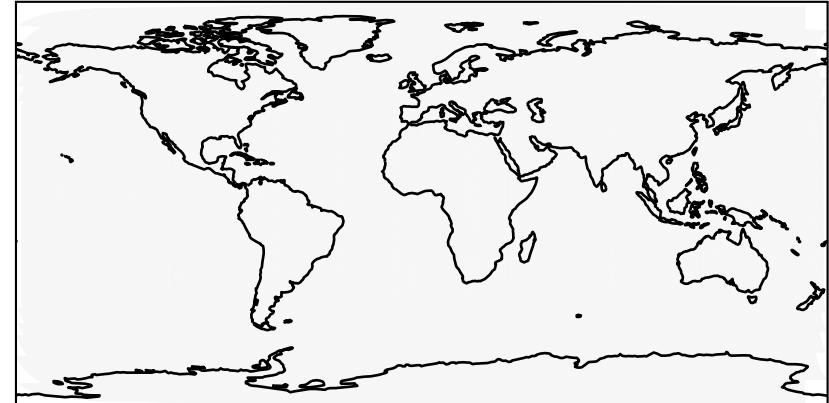
GCHP\_13.1.0-beta.1 (Dev)  
c48



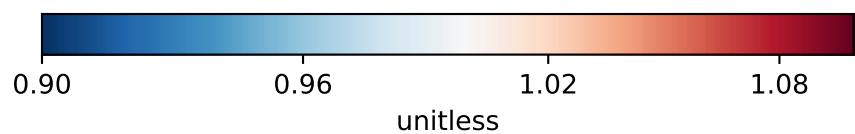
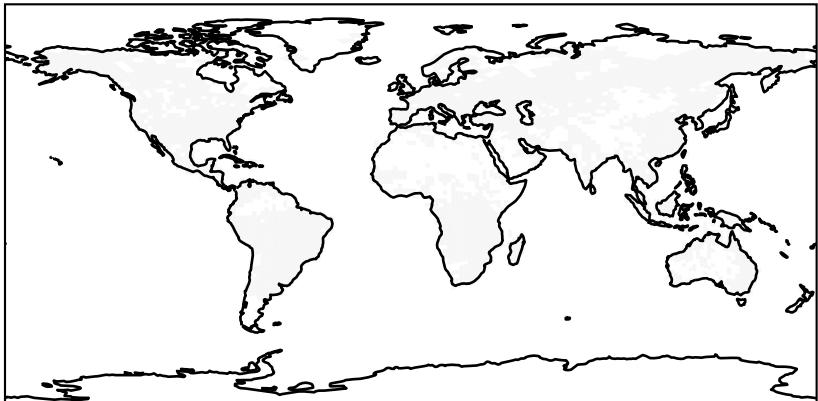
Difference  
Dev - Ref, Dynamic Range



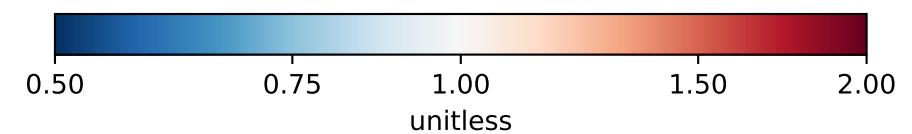
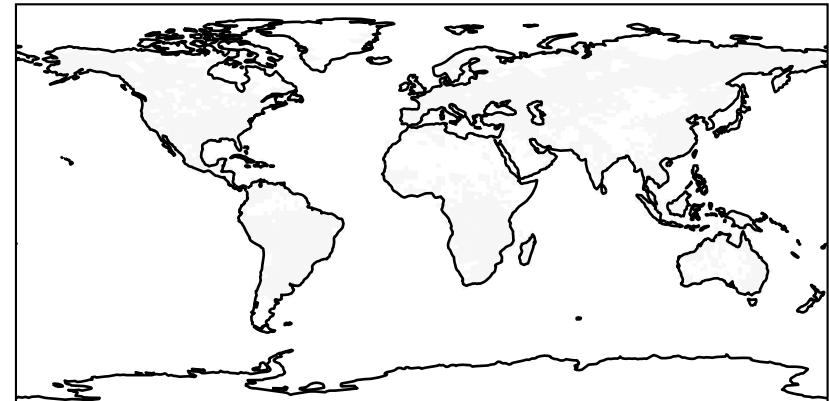
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

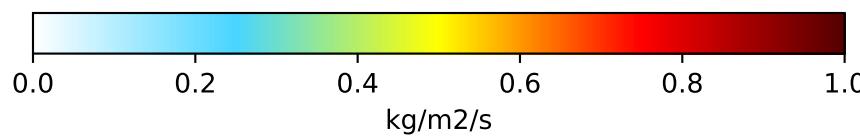
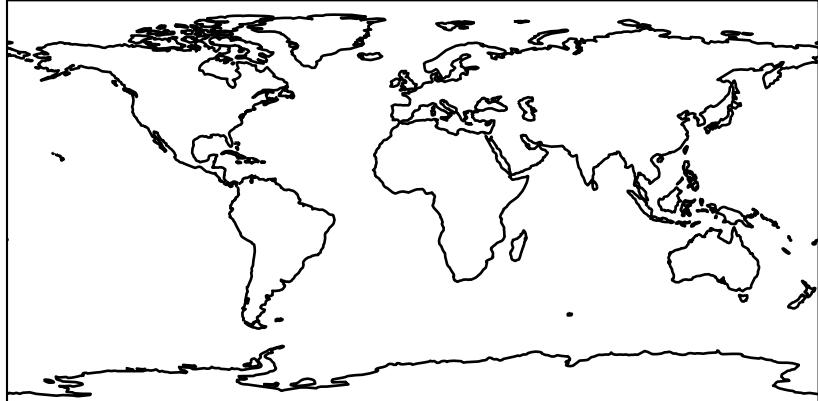


Ratio  
Dev/Ref, Fixed Range

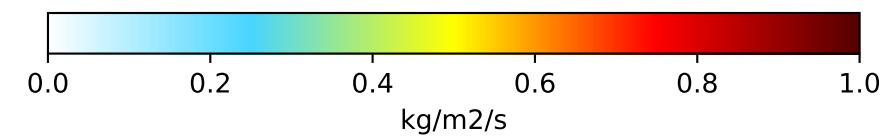
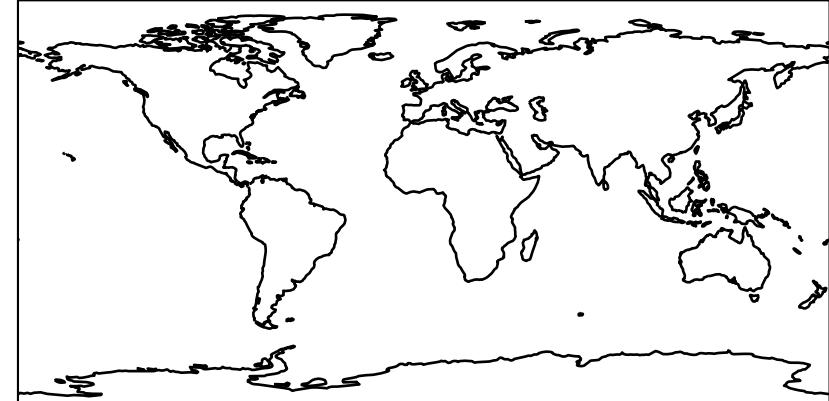


# EmisBCPO\_Ship

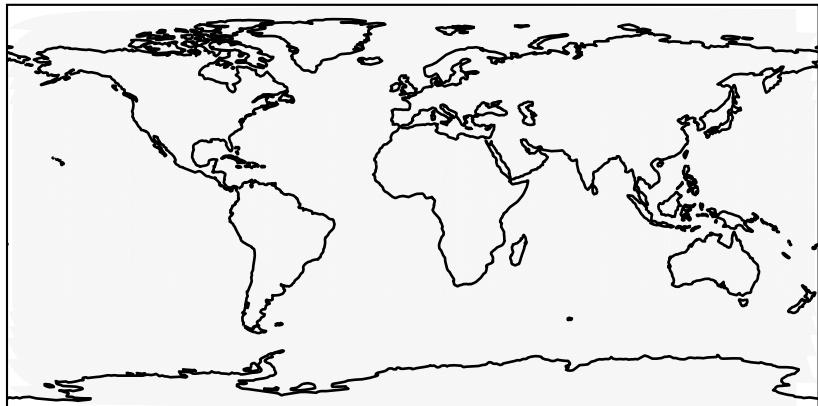
GCHP\_13.0.0-rc.2 (Ref)  
c48



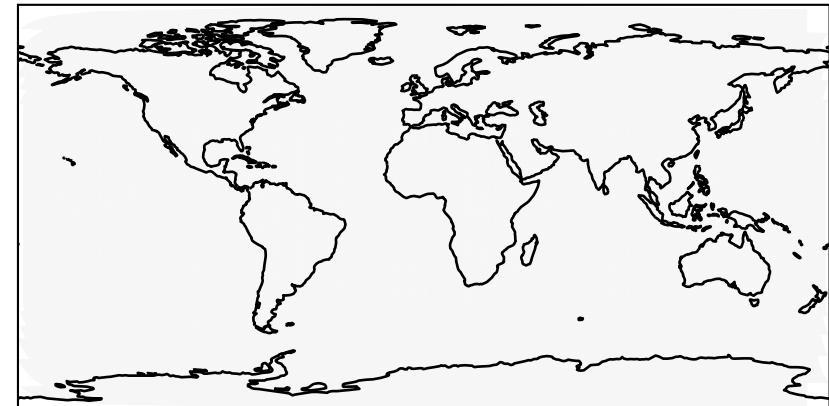
GCHP\_13.1.0-beta.1 (Dev)  
c48



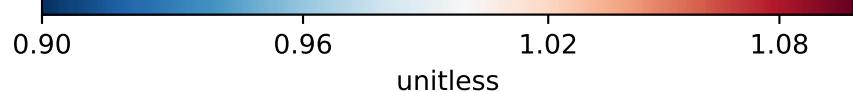
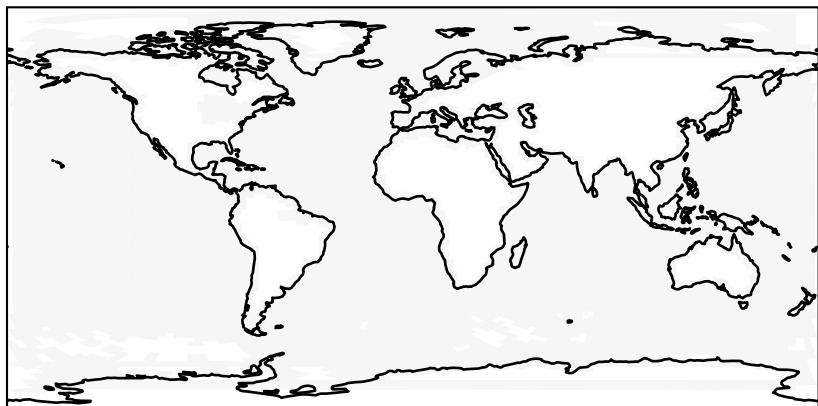
Difference  
Dev - Ref, Dynamic Range



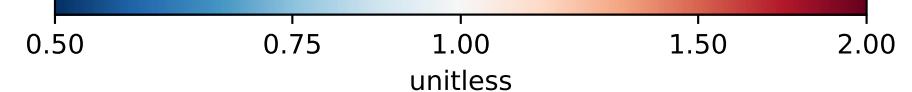
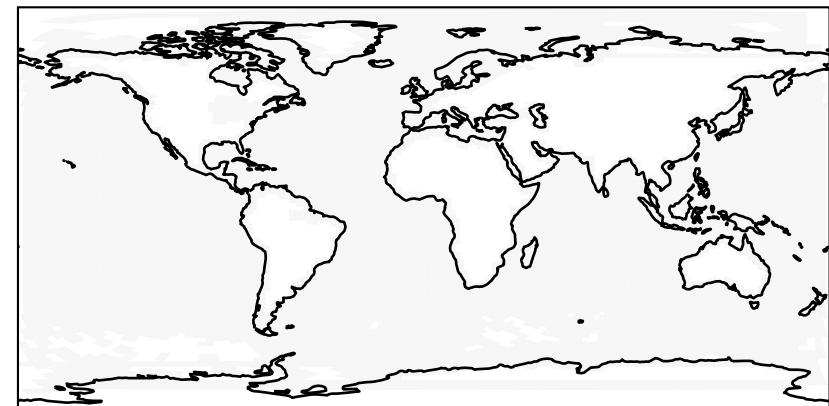
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

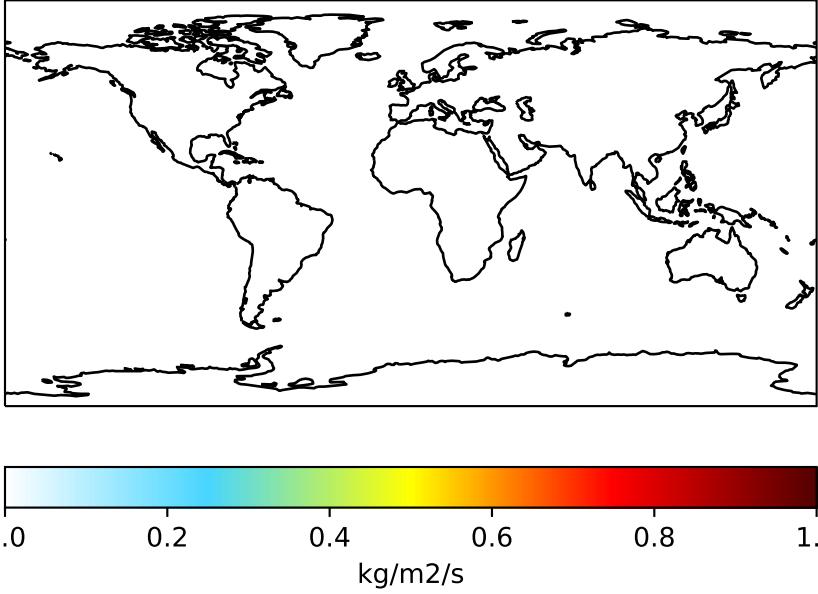


Ratio  
Dev/Ref, Fixed Range

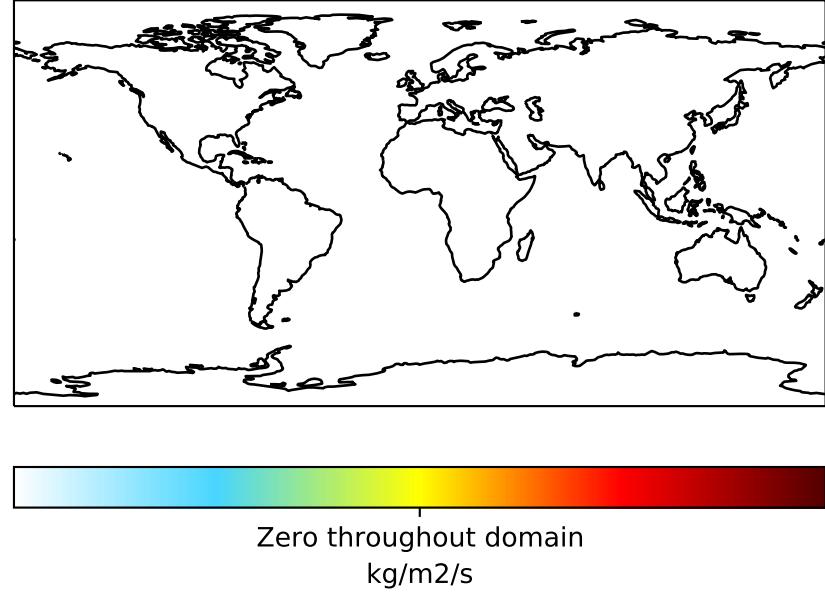


# EmisBCPO\_Total

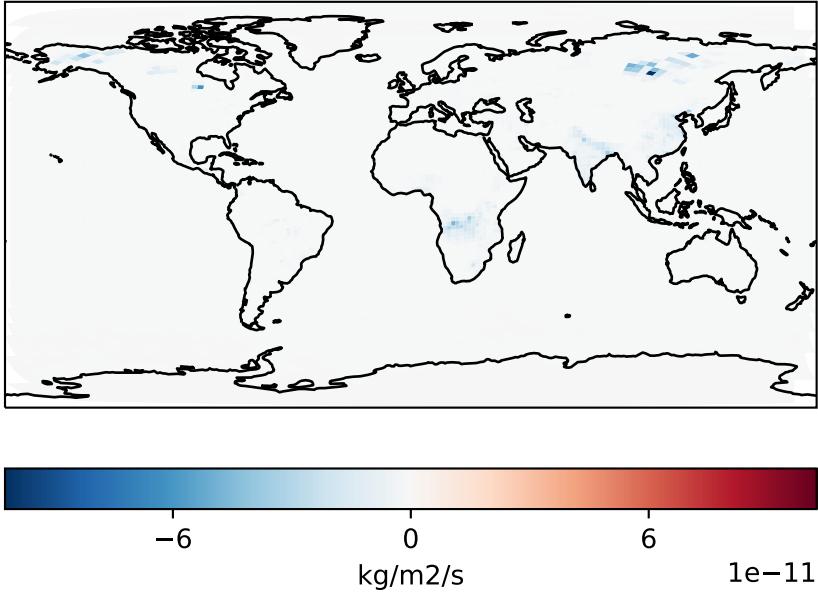
GCHP\_13.0.0-rc.2 (Ref)  
c48



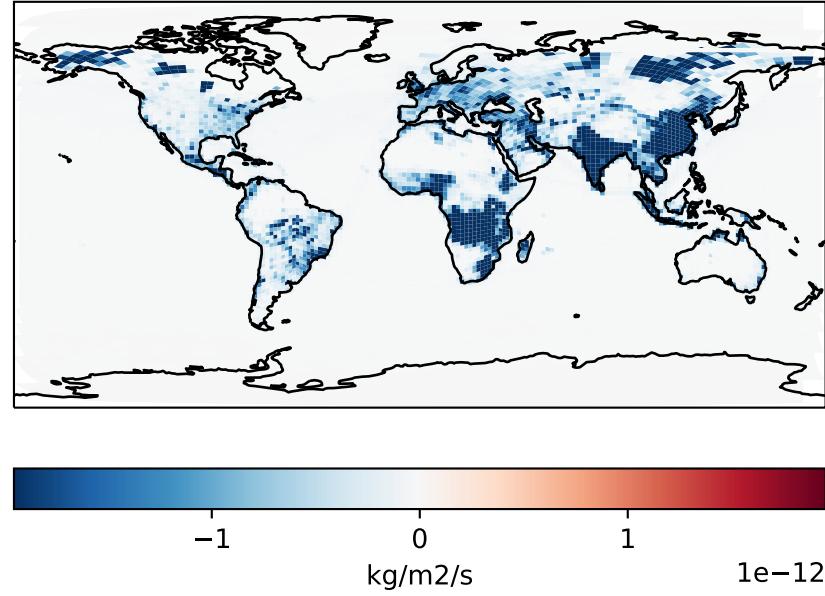
GCHP\_13.1.0-beta.1 (Dev)  
c48



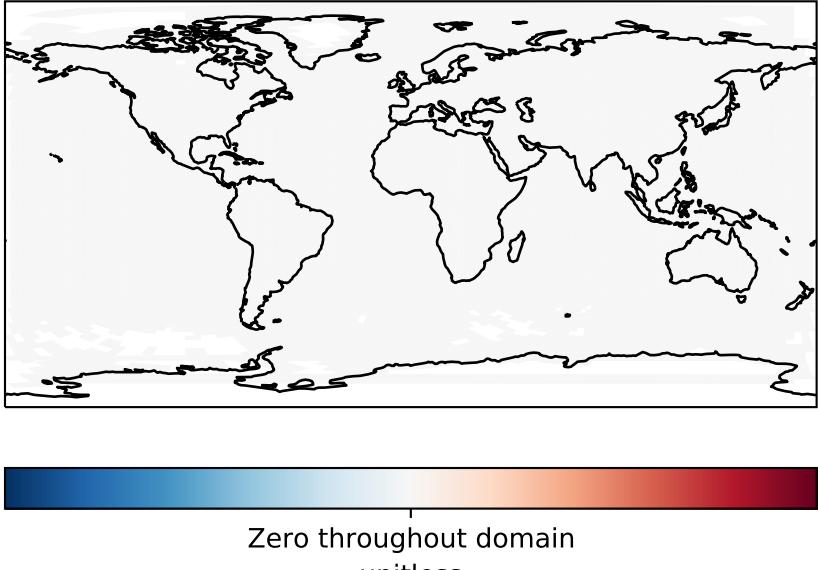
Difference  
Dev - Ref, Dynamic Range



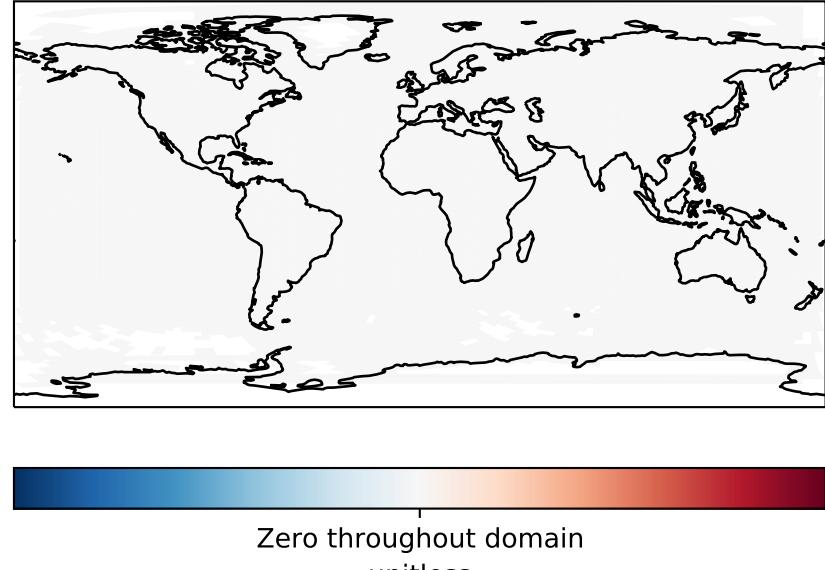
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

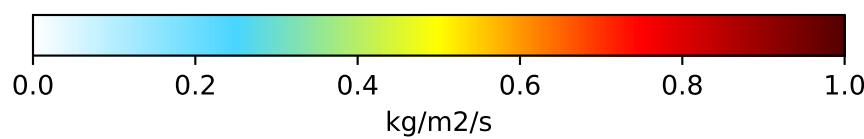
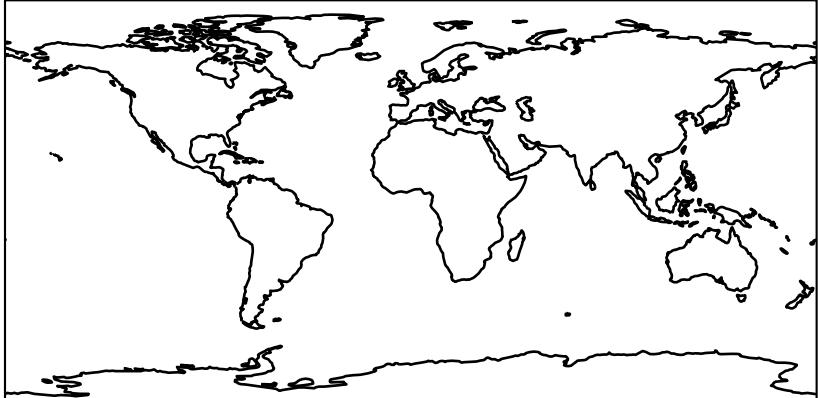


Ratio  
Dev/Ref, Fixed Range

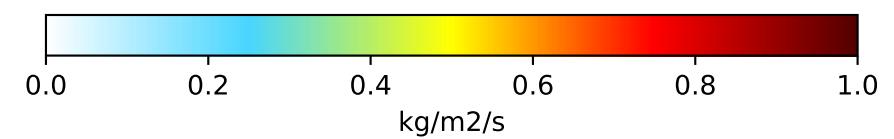
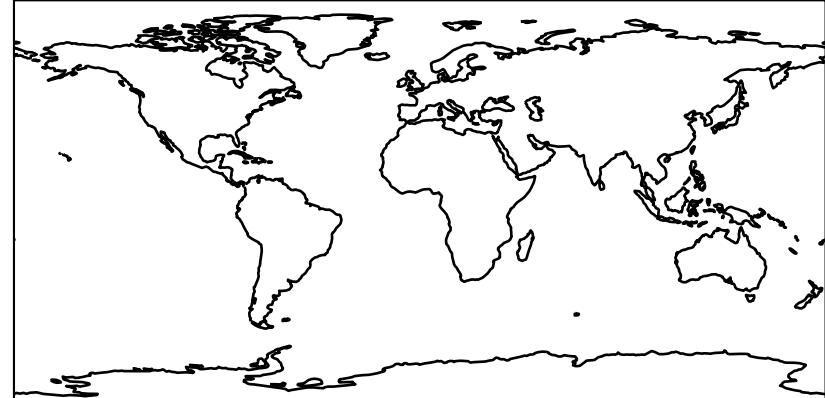


# EmisOCPI\_Aircraft

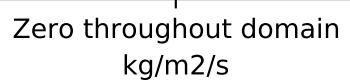
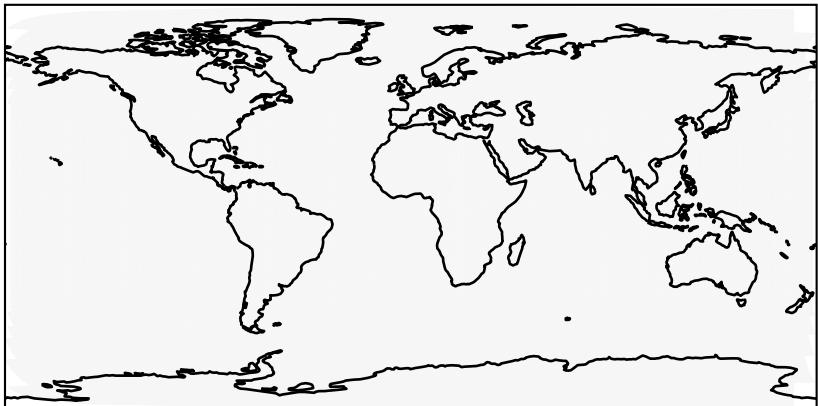
GCHP\_13.0.0-rc.2 (Ref)  
c48



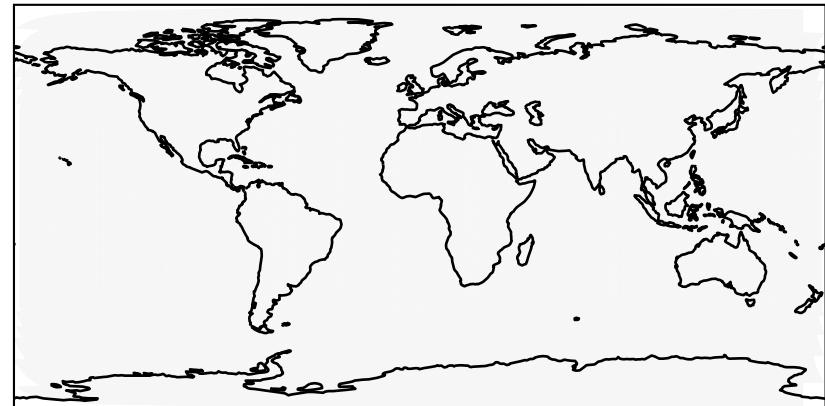
GCHP\_13.1.0-beta.1 (Dev)  
c48



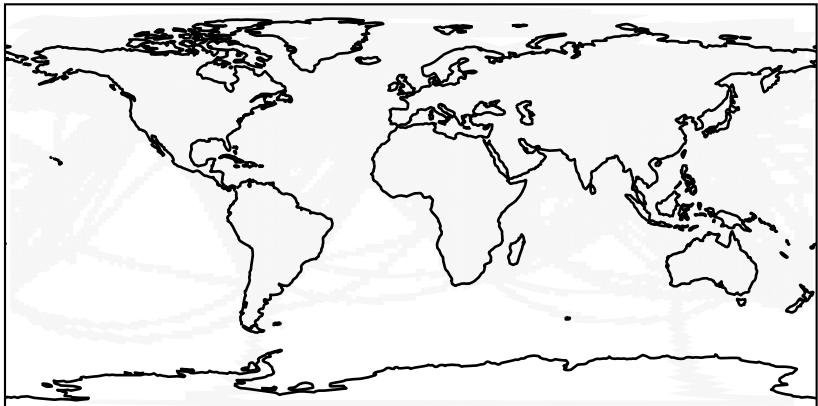
Difference  
Dev - Ref, Dynamic Range



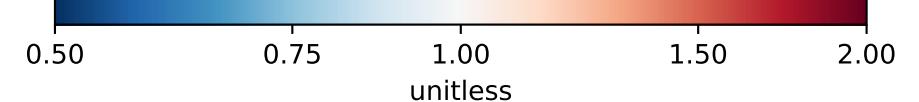
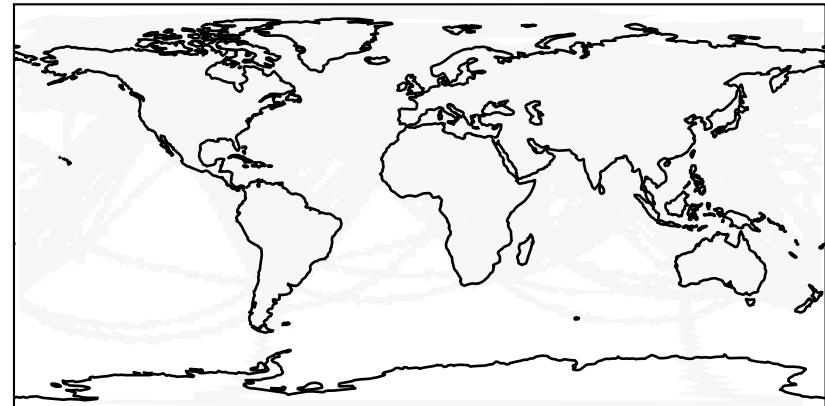
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

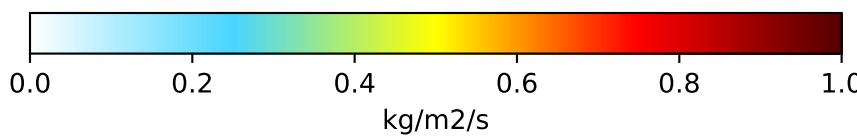
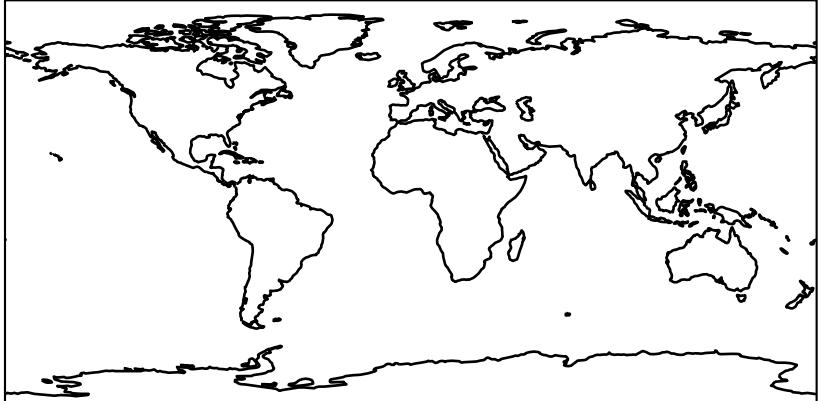


Ratio  
Dev/Ref, Fixed Range

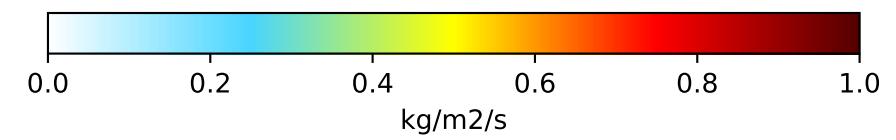
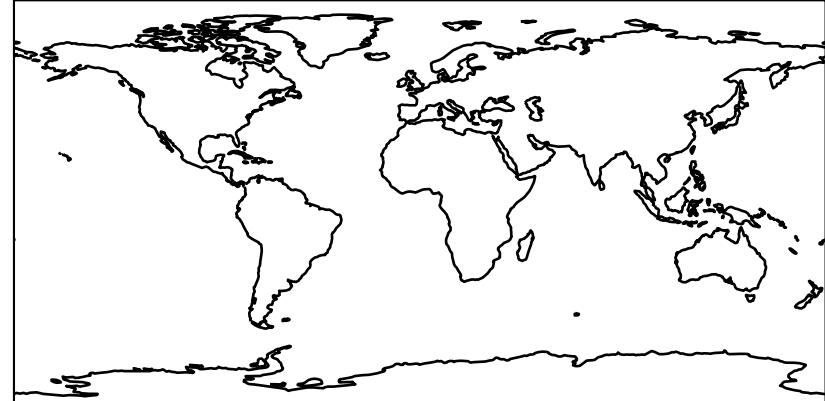


# EmisOCPI\_Anthro

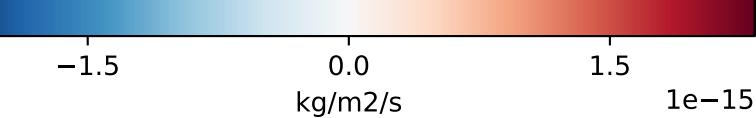
GCHP\_13.0.0-rc.2 (Ref)  
c48



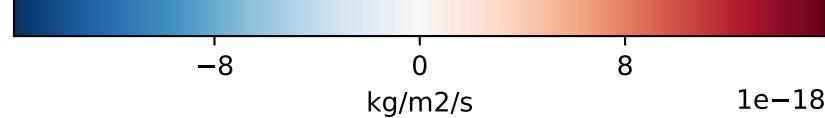
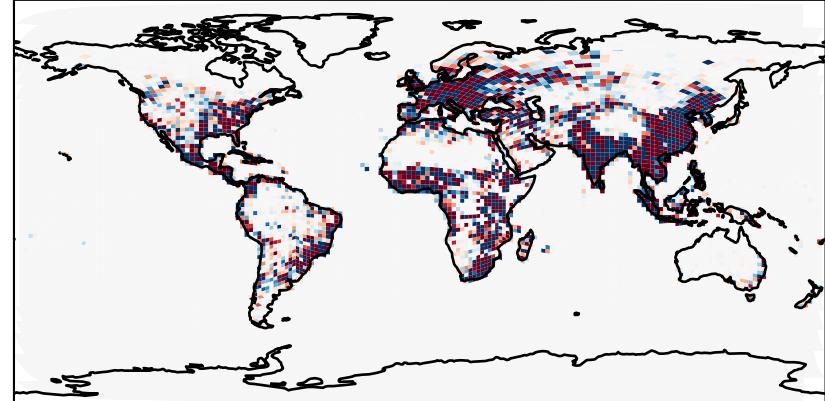
GCHP\_13.1.0-beta.1 (Dev)  
c48



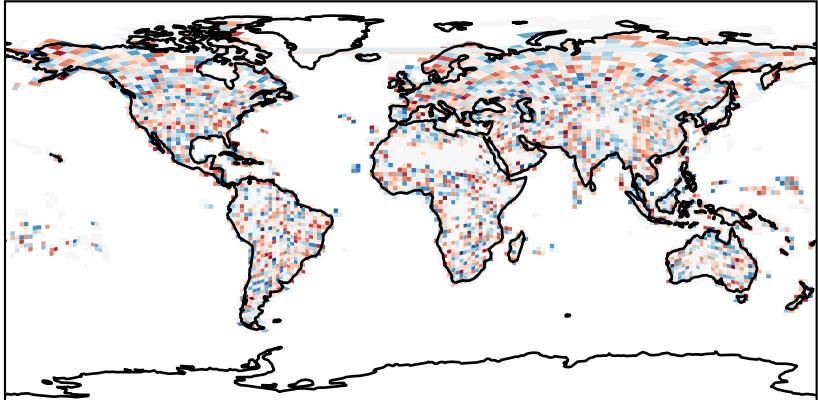
Difference  
Dev - Ref, Dynamic Range



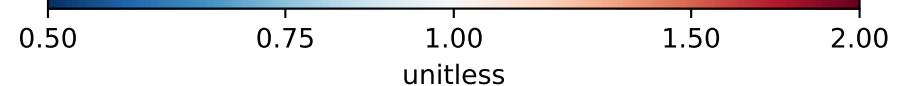
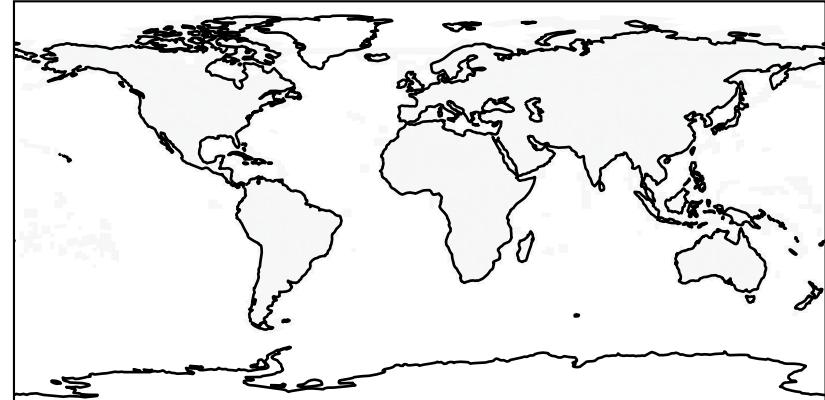
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

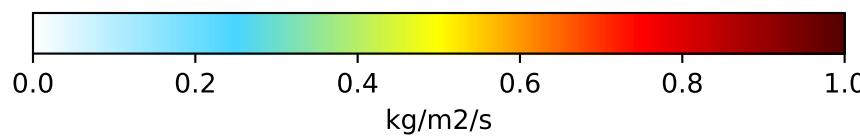
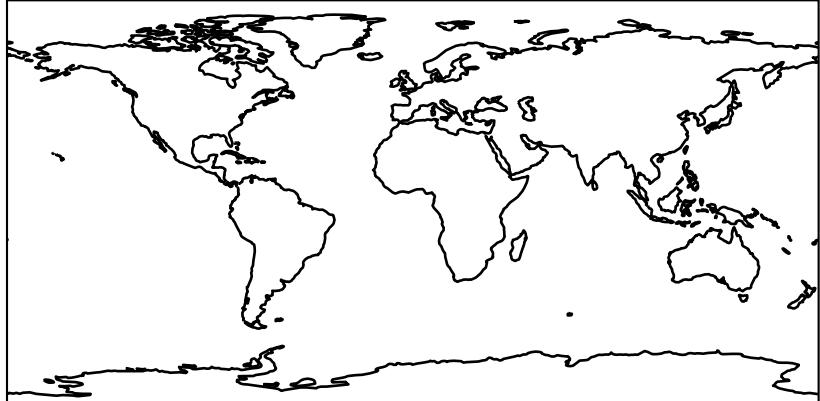


Ratio  
Dev/Ref, Fixed Range

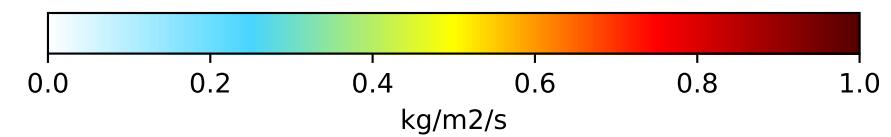


# EmisOCPI\_BioBurn

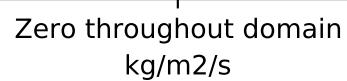
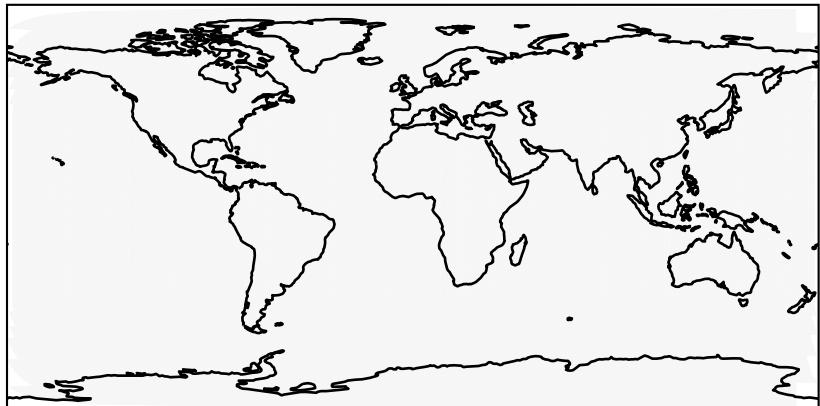
GCHP\_13.0.0-rc.2 (Ref)  
c48



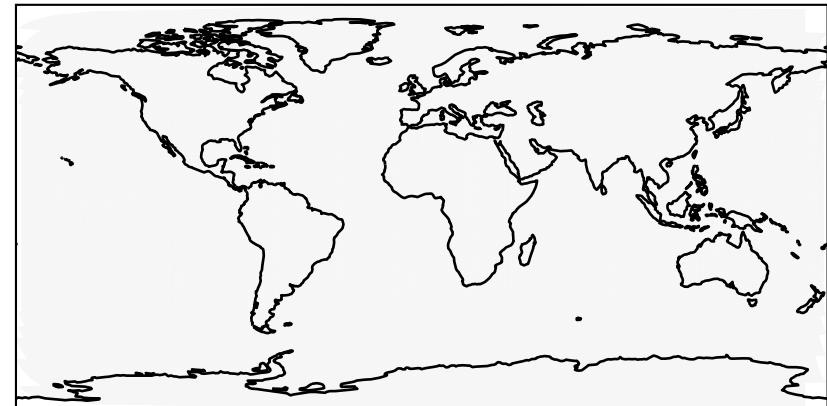
GCHP\_13.1.0-beta.1 (Dev)  
c48



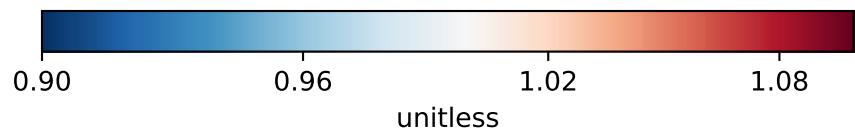
Difference  
Dev - Ref, Dynamic Range



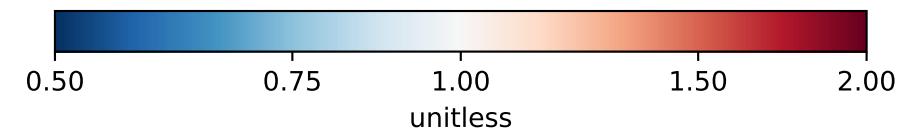
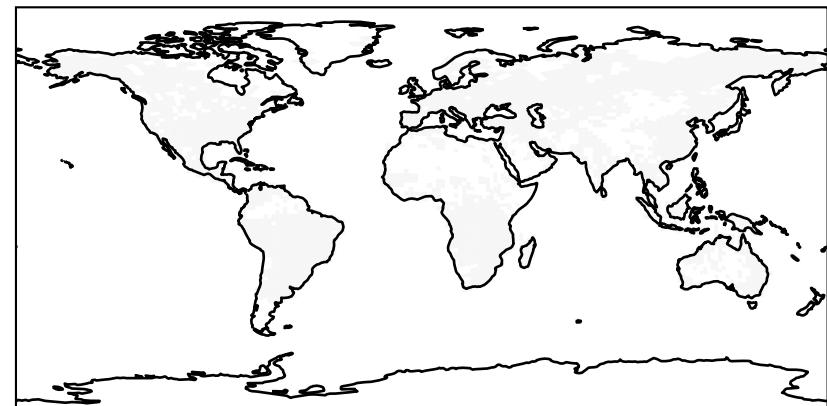
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

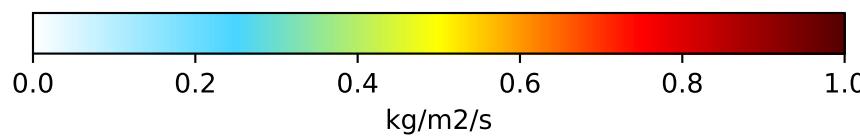
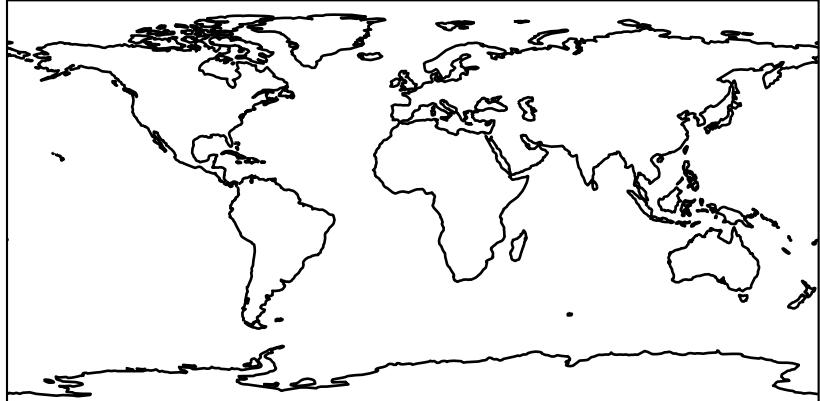


Ratio  
Dev/Ref, Fixed Range

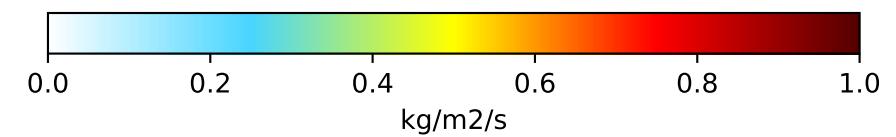
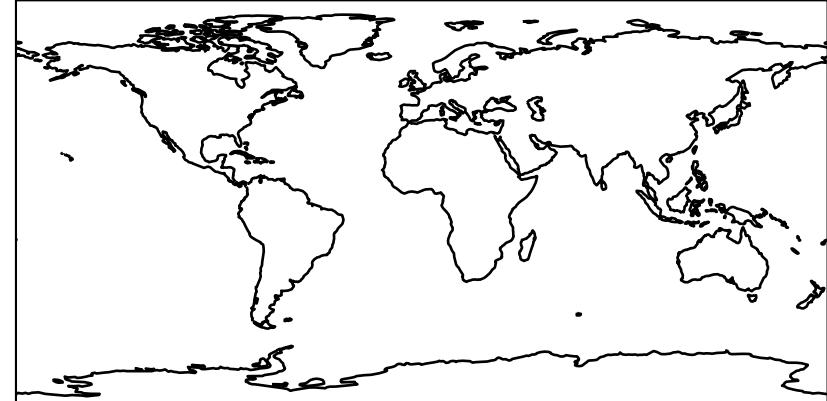


# EmisOCPI\_Ship

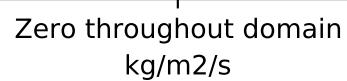
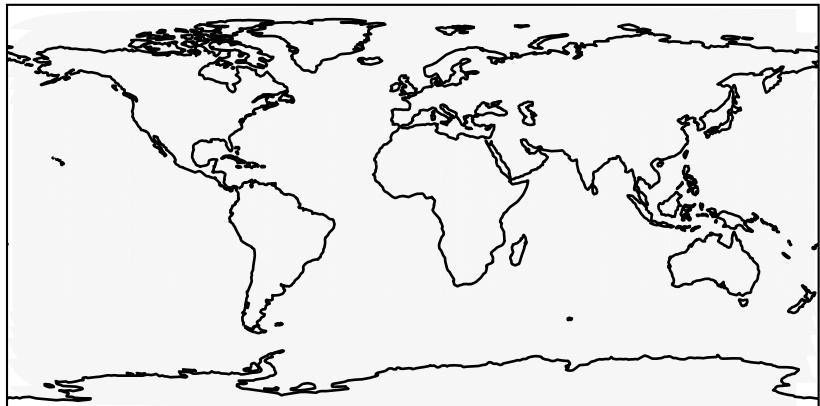
GCHP\_13.0.0-rc.2 (Ref)  
c48



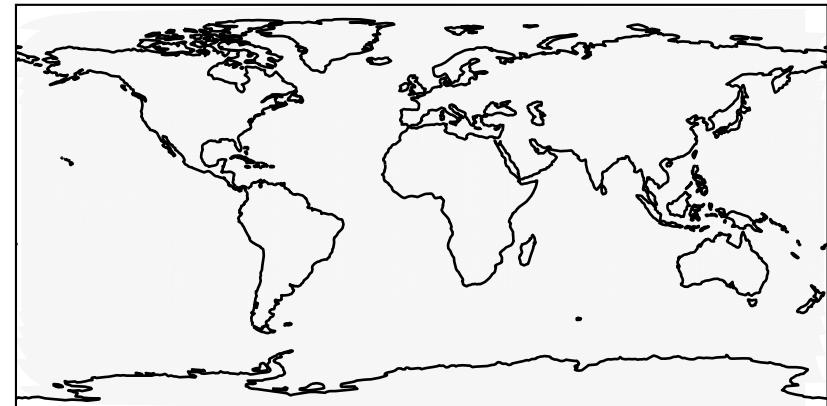
GCHP\_13.1.0-beta.1 (Dev)  
c48



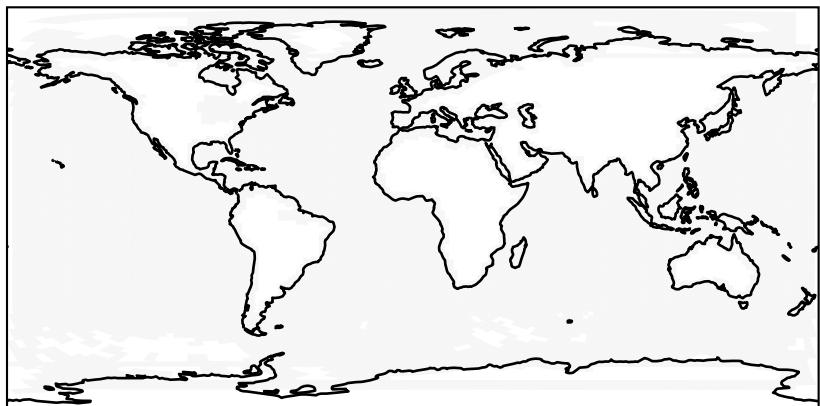
Difference  
Dev - Ref, Dynamic Range



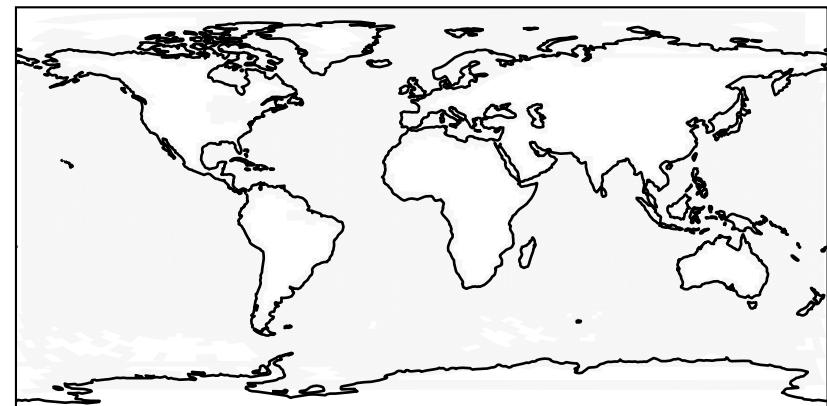
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

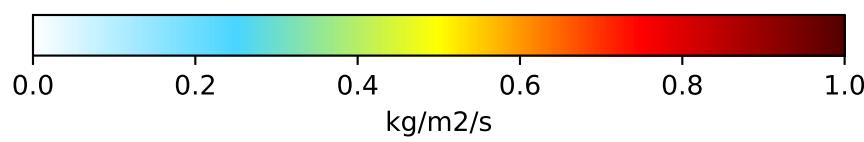
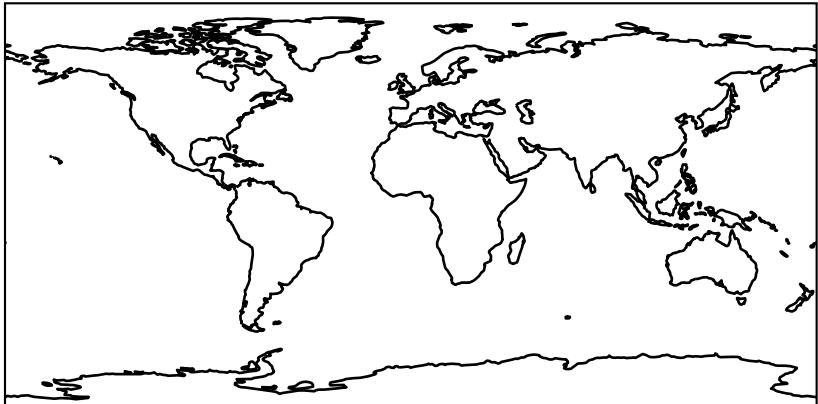


Ratio  
Dev/Ref, Fixed Range

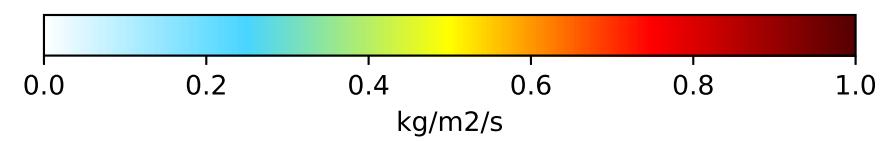
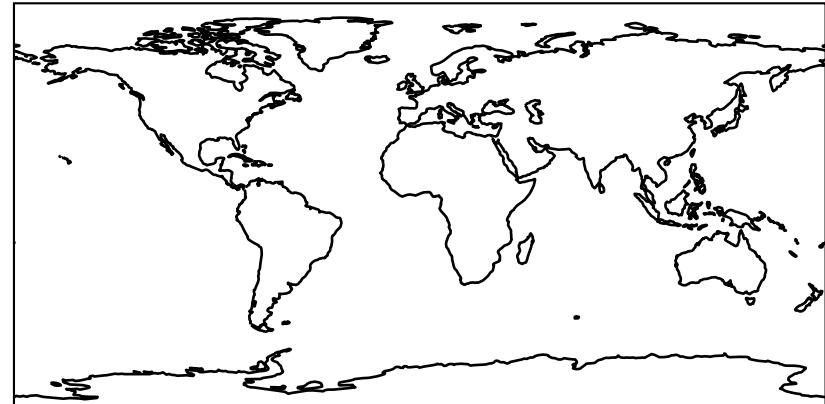


# EmisOCPI\_Total

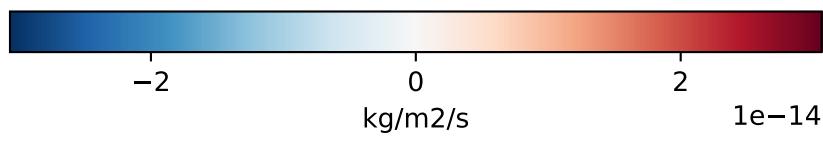
GCHP\_13.0.0-rc.2 (Ref)  
c48



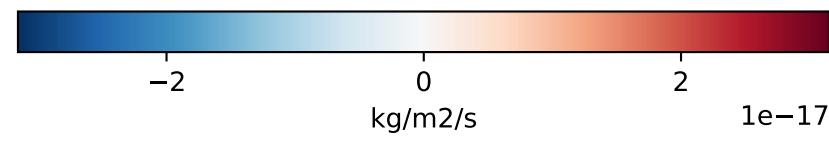
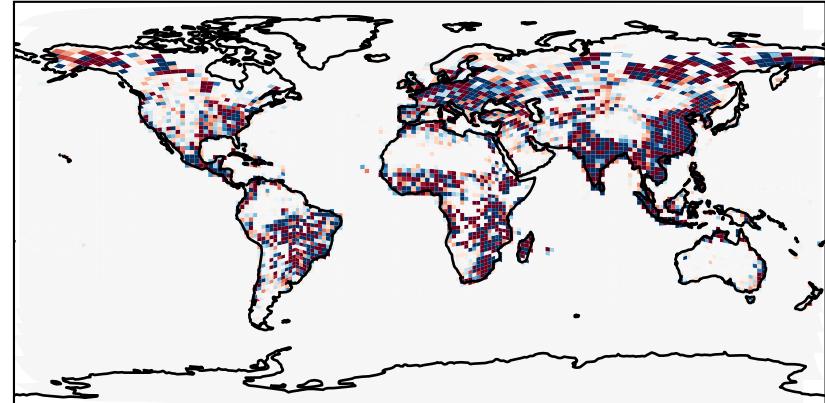
GCHP\_13.1.0-beta.1 (Dev)  
c48



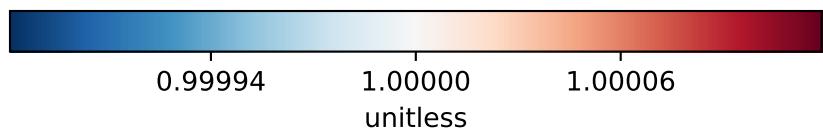
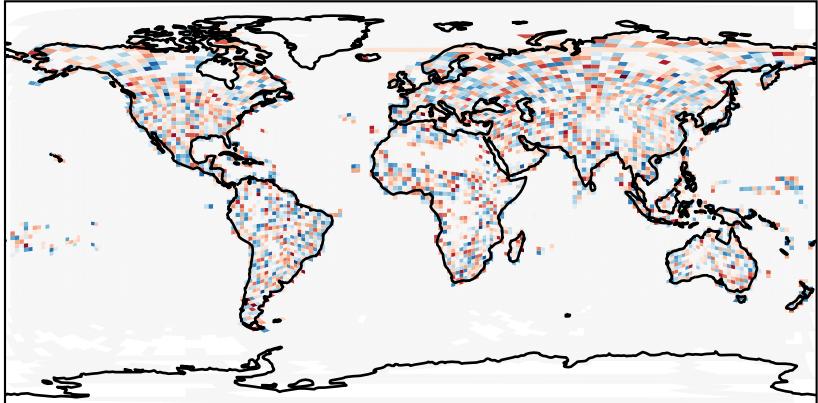
Difference  
Dev - Ref, Dynamic Range



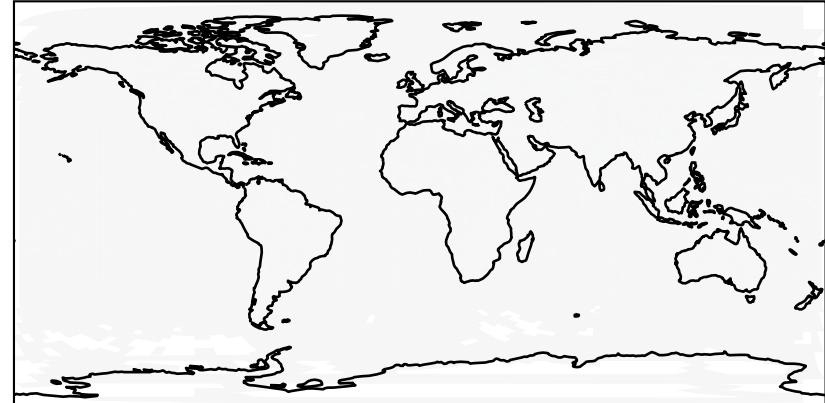
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

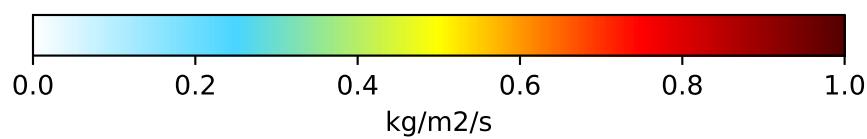
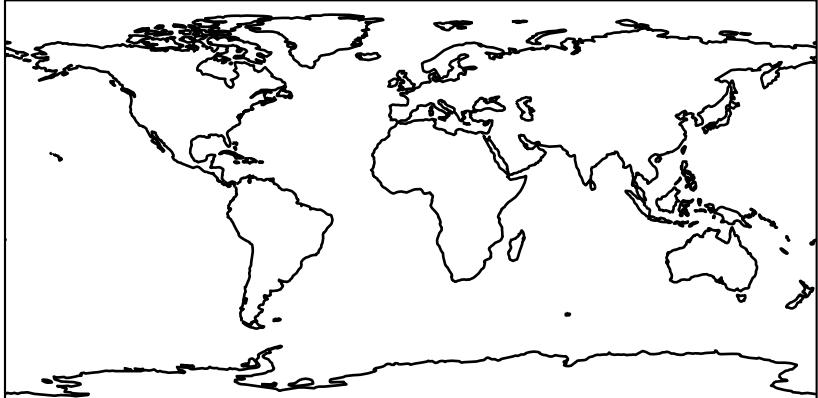


Ratio  
Dev/Ref, Fixed Range

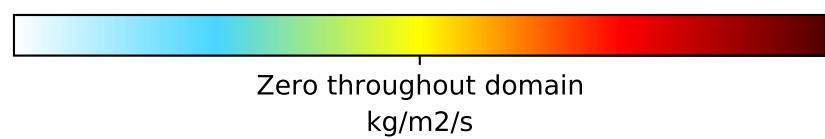
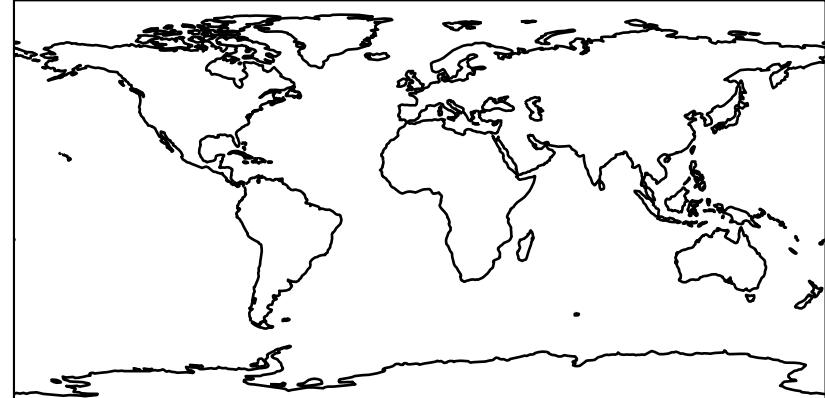


# EmisOCPO\_Anthro

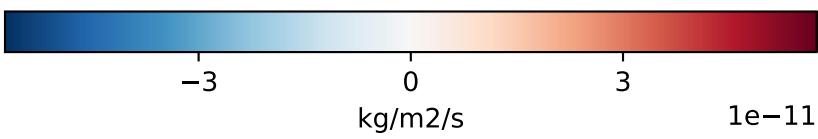
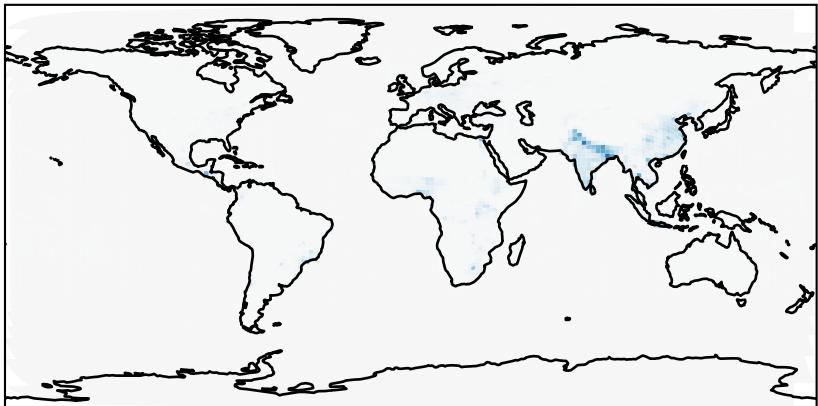
GCHP\_13.0.0-rc.2 (Ref)  
c48



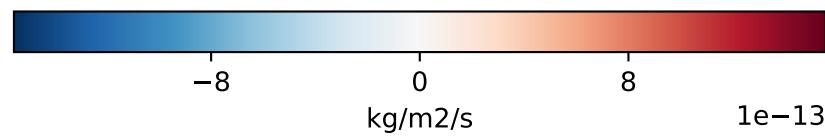
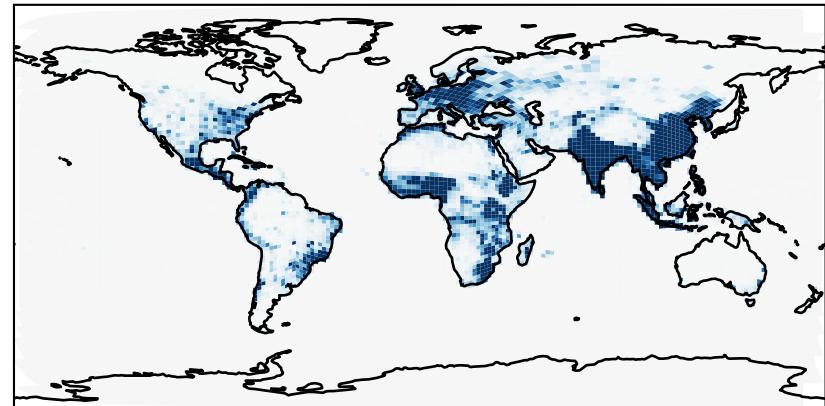
GCHP\_13.1.0-beta.1 (Dev)  
c48



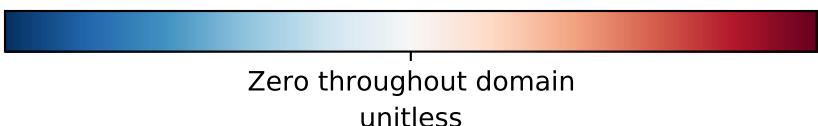
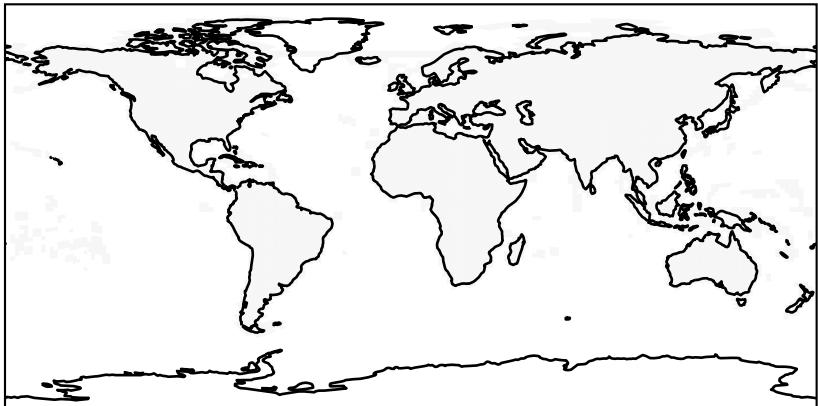
Difference  
Dev - Ref, Dynamic Range



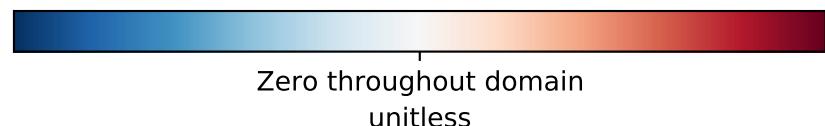
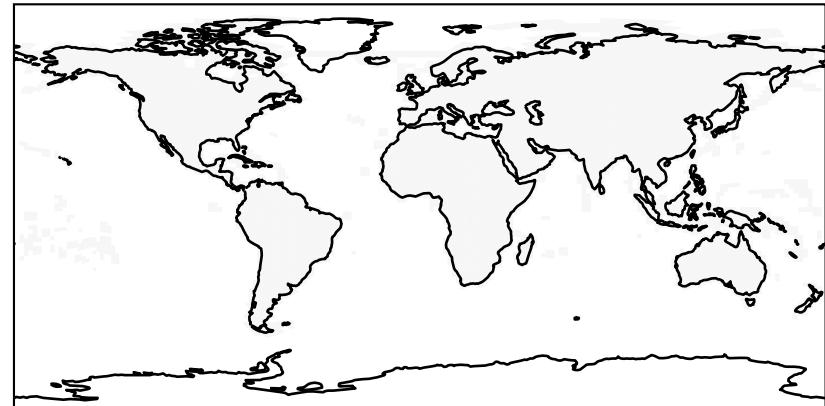
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

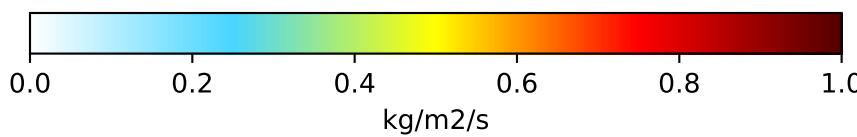


Ratio  
Dev/Ref, Fixed Range

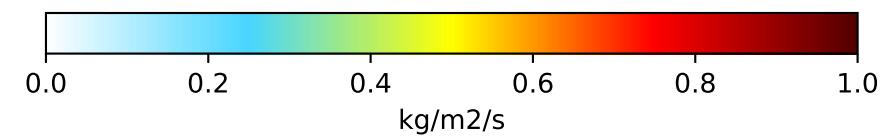
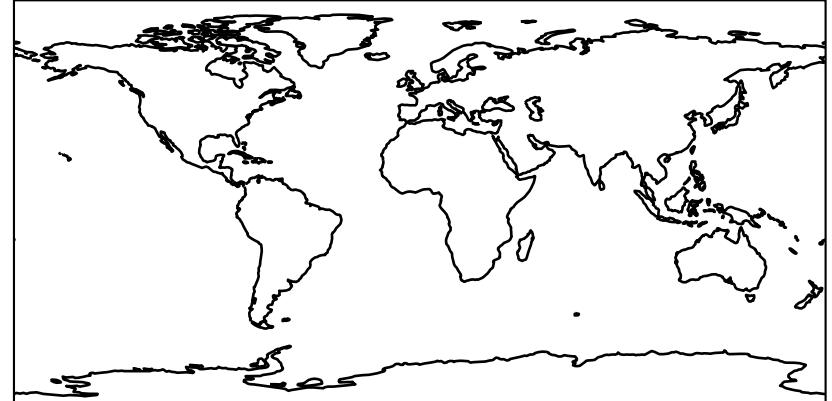


# EmisOCPO\_BioBurn

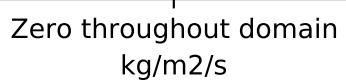
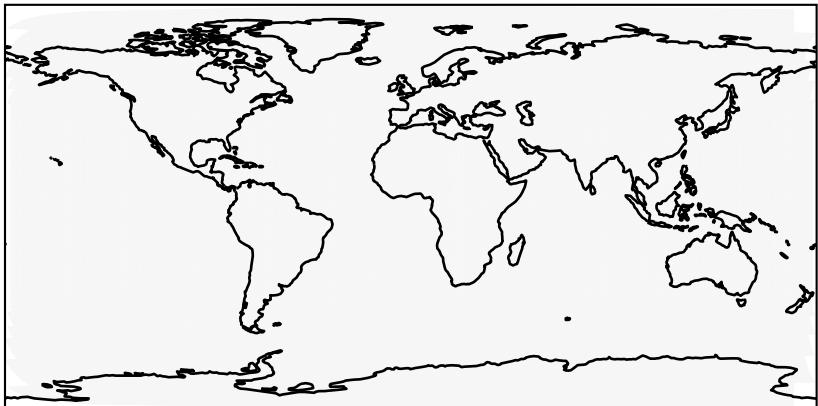
GCHP\_13.0.0-rc.2 (Ref)  
c48



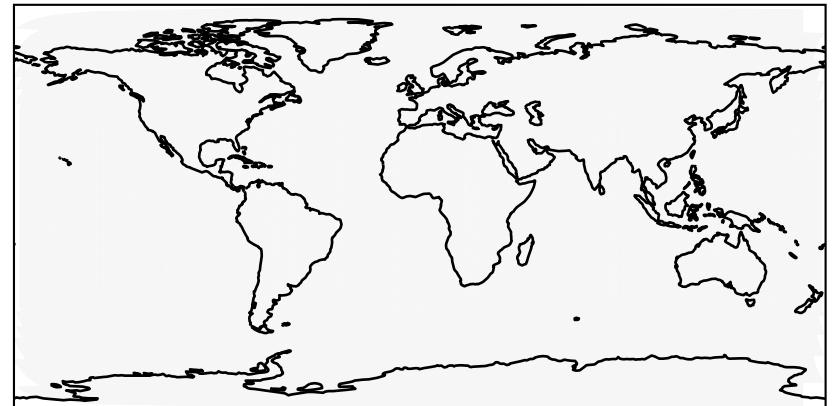
GCHP\_13.1.0-beta.1 (Dev)  
c48



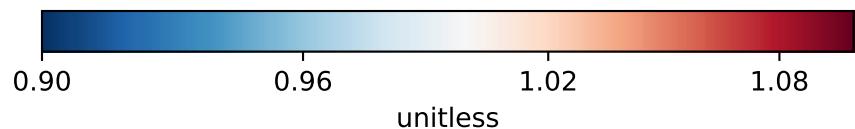
Difference  
Dev - Ref, Dynamic Range



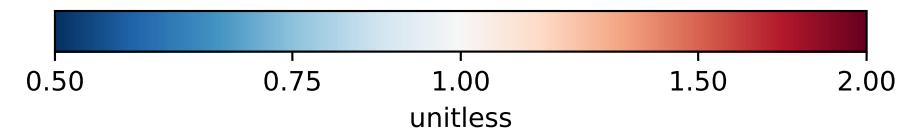
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

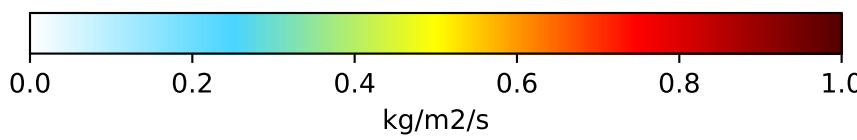
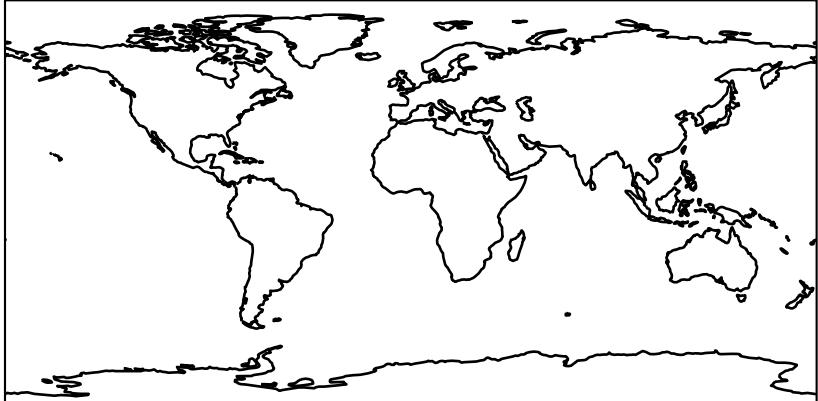


Ratio  
Dev/Ref, Fixed Range

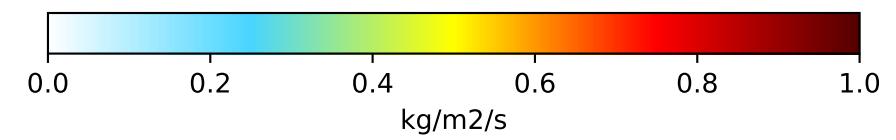


# EmisOCPO\_Ship

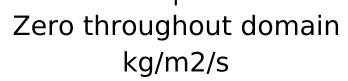
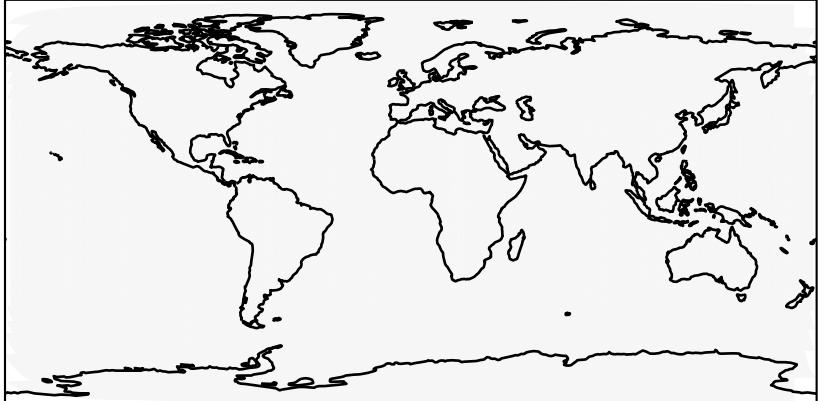
GCHP\_13.0.0-rc.2 (Ref)  
c48



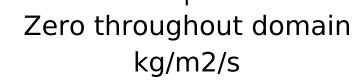
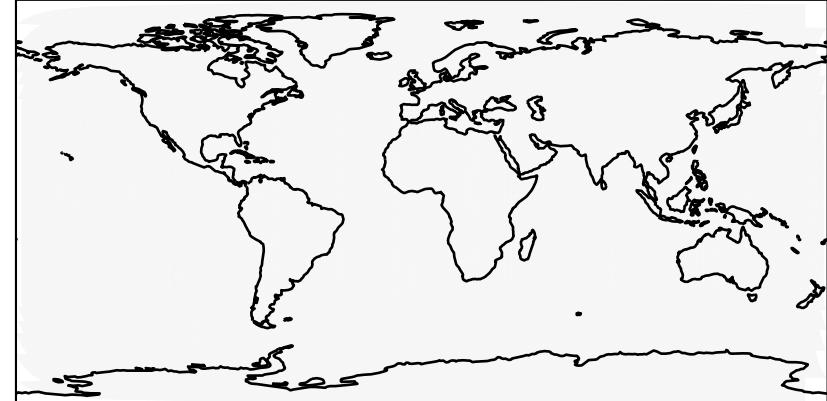
GCHP\_13.1.0-beta.1 (Dev)  
c48



Difference  
Dev - Ref, Dynamic Range



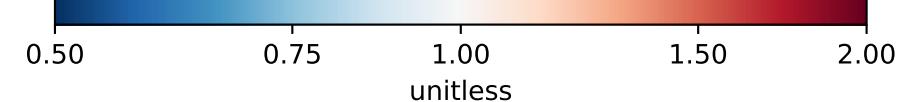
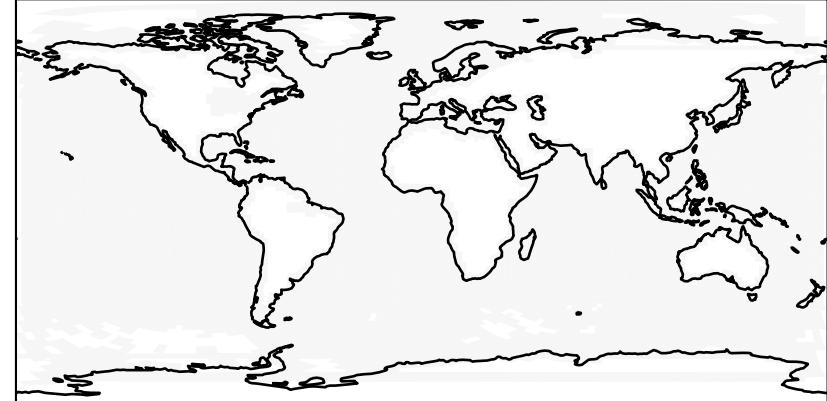
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

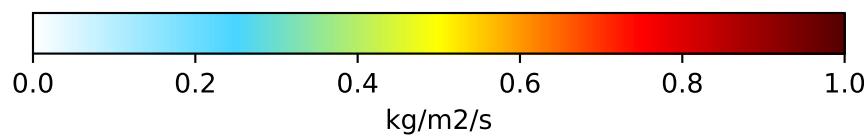
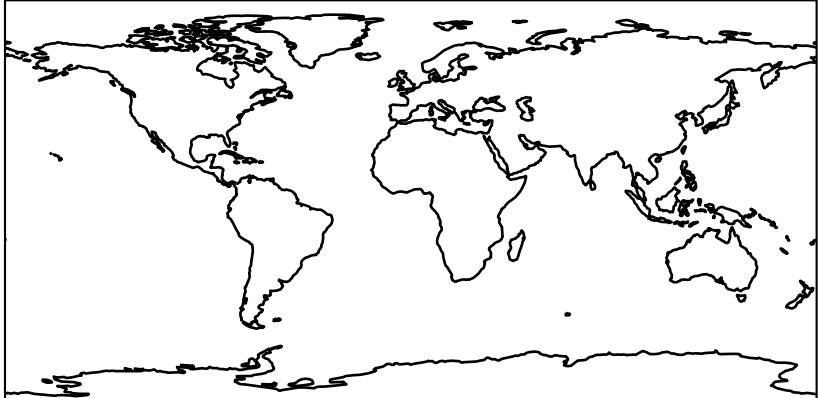


Ratio  
Dev/Ref, Fixed Range

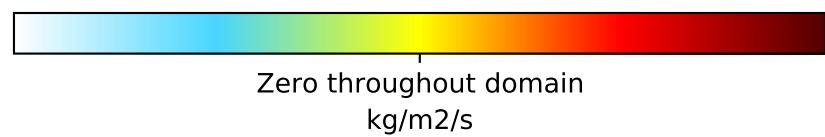
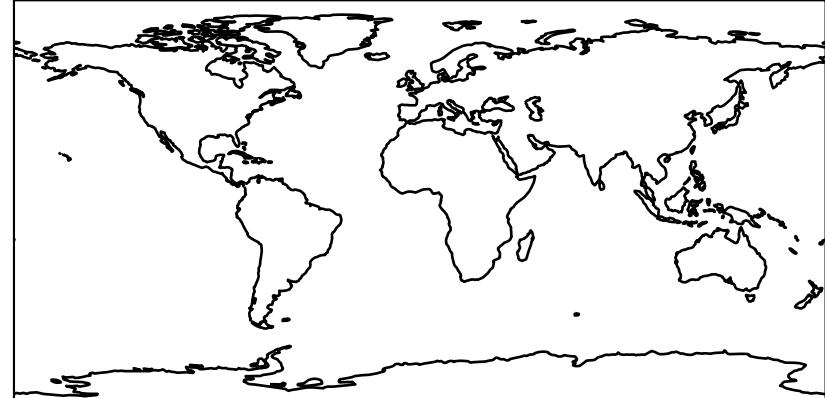


# EmisOCPO\_Total

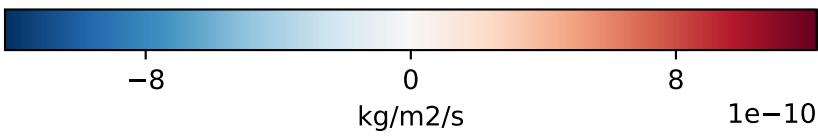
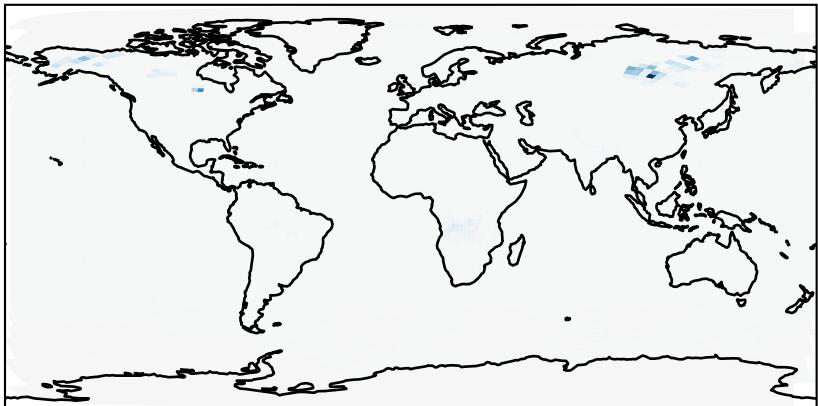
GCHP\_13.0.0-rc.2 (Ref)  
c48



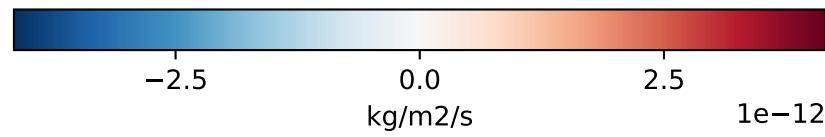
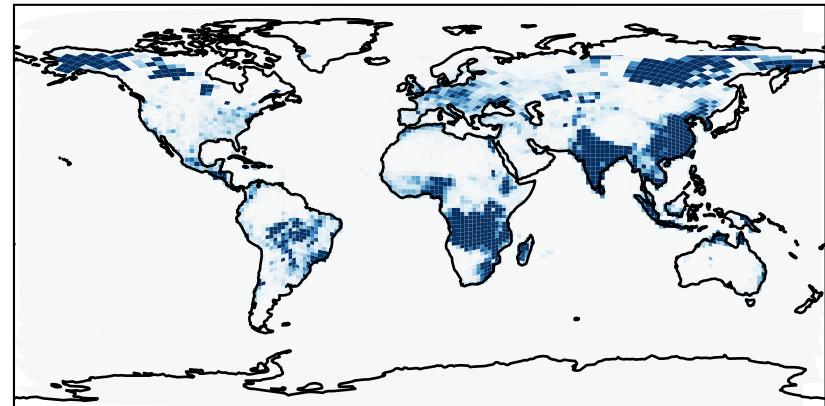
GCHP\_13.1.0-beta.1 (Dev)  
c48



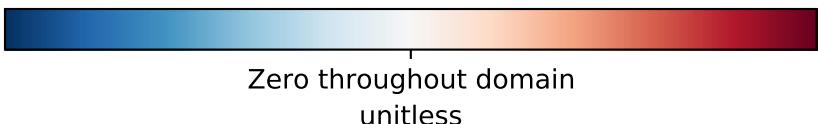
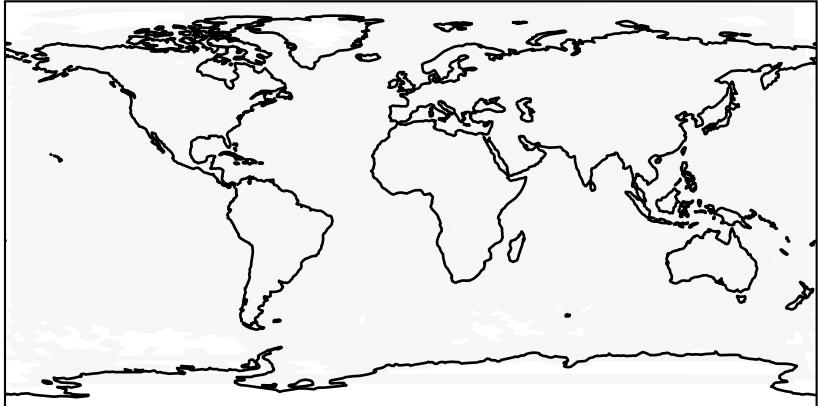
Difference  
Dev - Ref, Dynamic Range



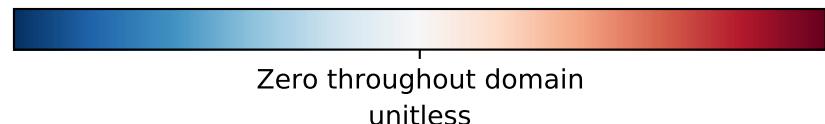
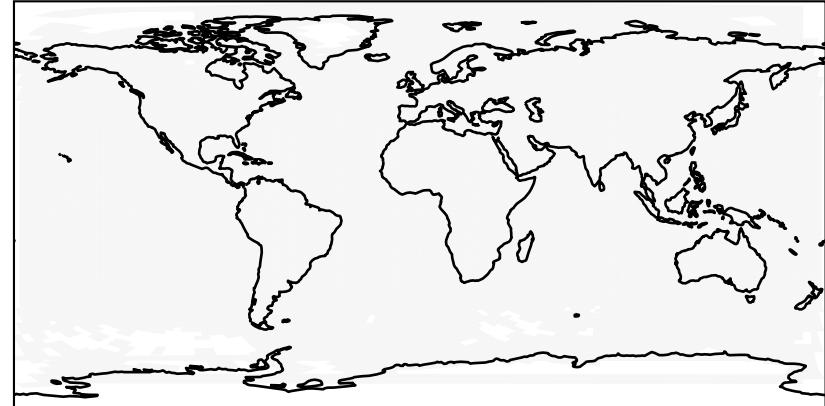
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

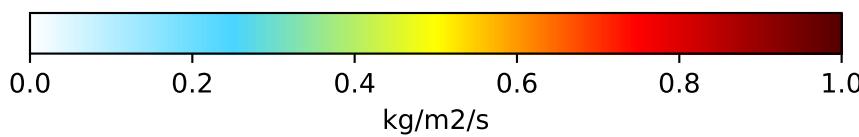
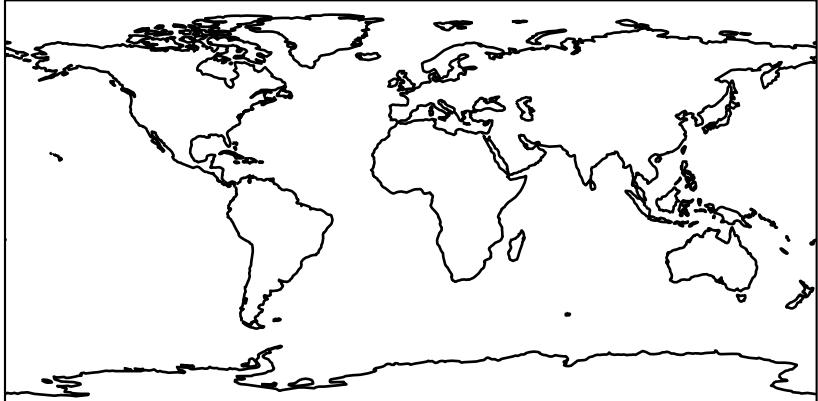


Ratio  
Dev/Ref, Fixed Range

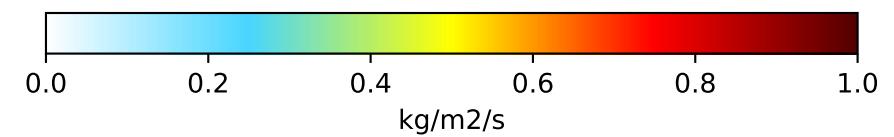


# EmisBrSALA\_Natural

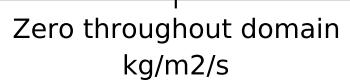
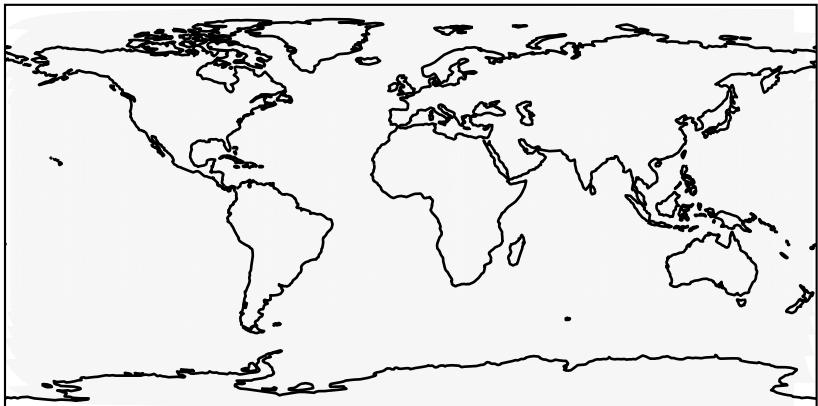
GCHP\_13.0.0-rc.2 (Ref)  
c48



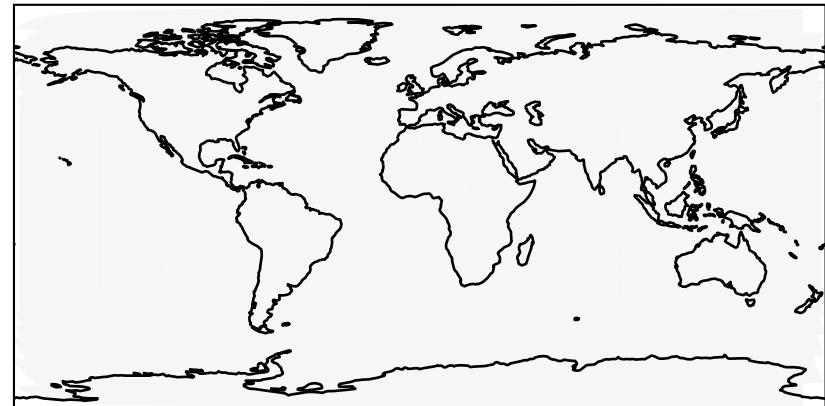
GCHP\_13.1.0-beta.1 (Dev)  
c48



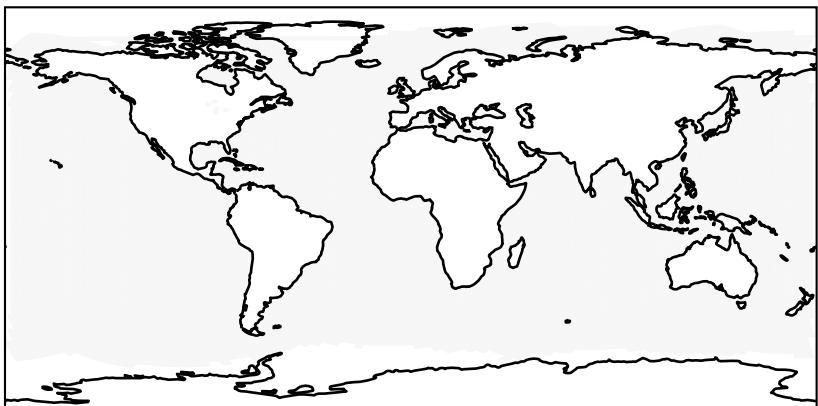
Difference  
Dev - Ref, Dynamic Range



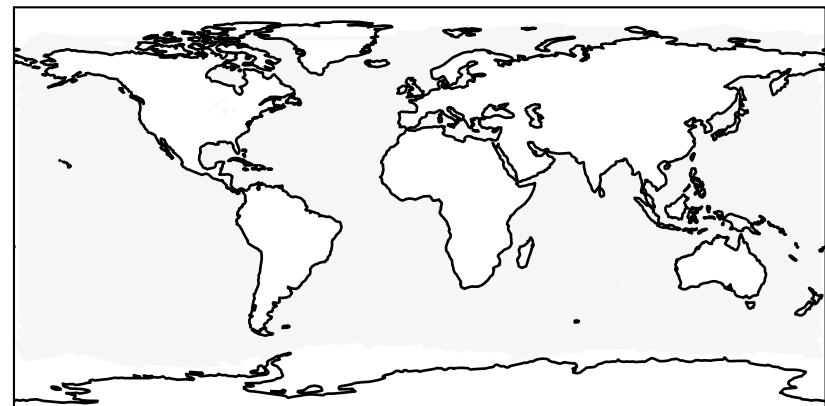
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

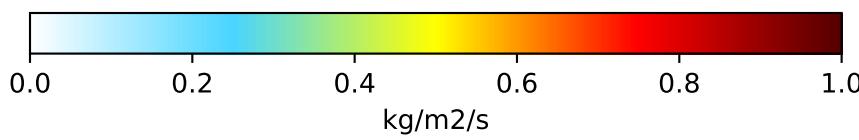
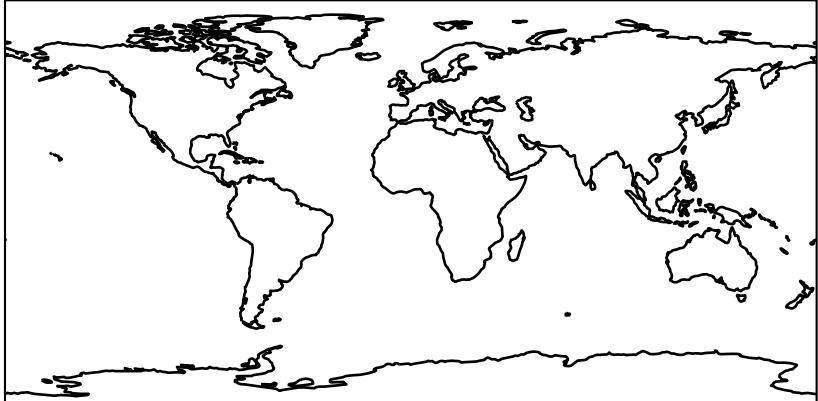


Ratio  
Dev/Ref, Fixed Range

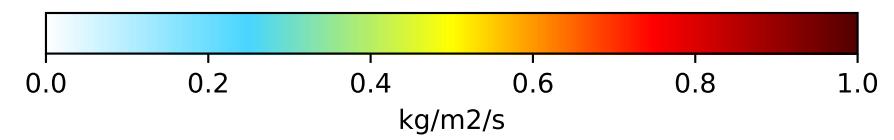


# EmisBrSALC\_Natural

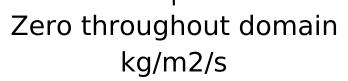
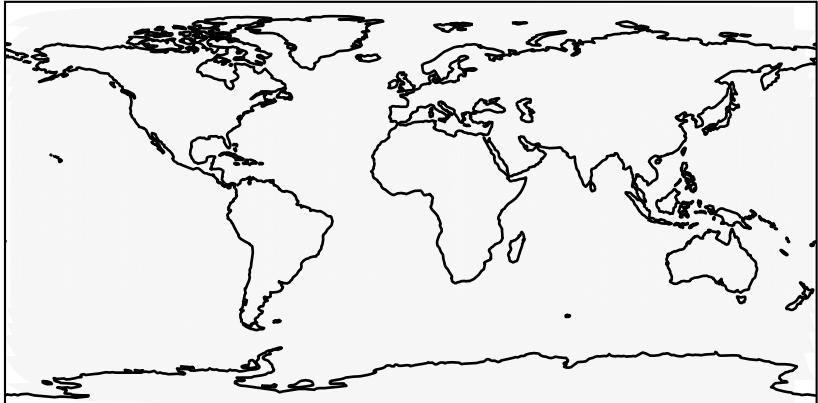
GCHP\_13.0.0-rc.2 (Ref)  
c48



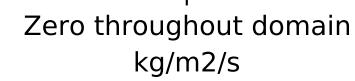
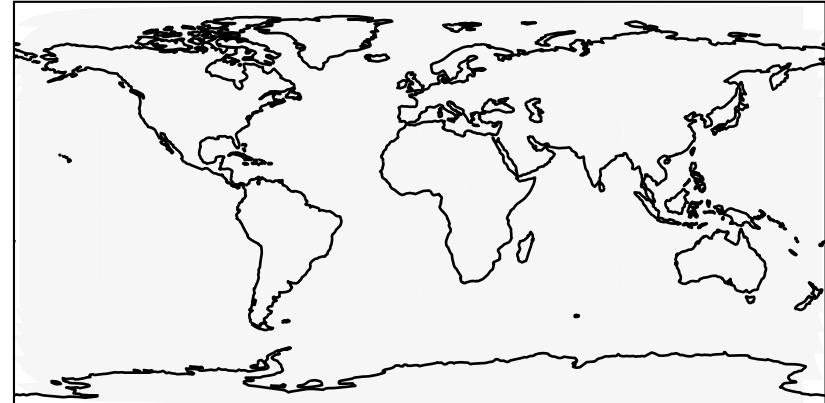
GCHP\_13.1.0-beta.1 (Dev)  
c48



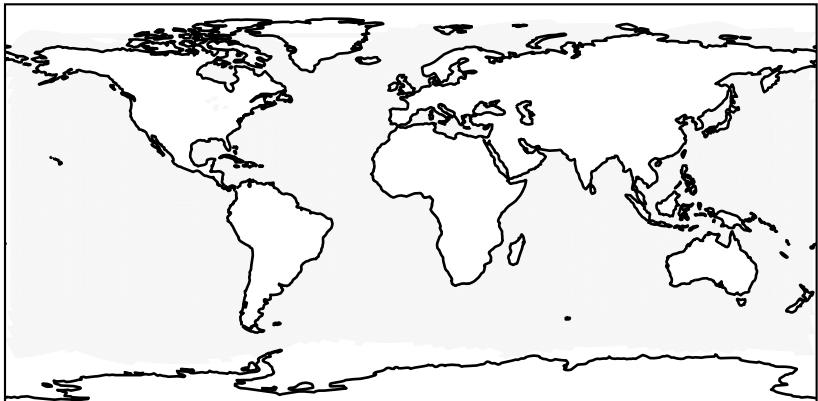
Difference  
Dev - Ref, Dynamic Range



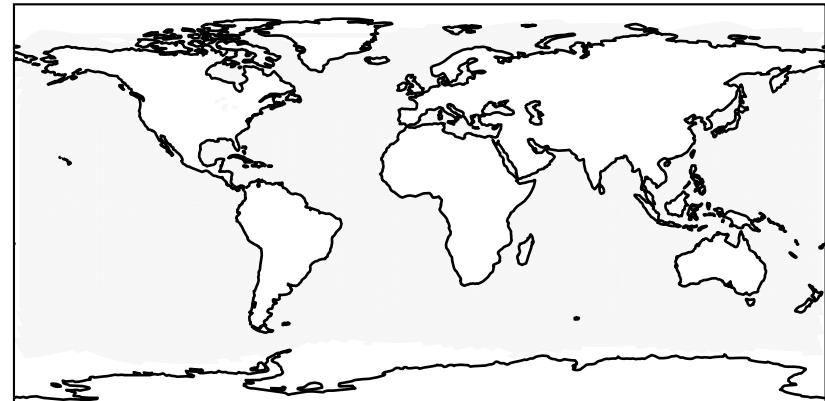
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

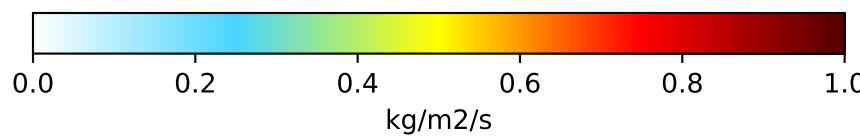
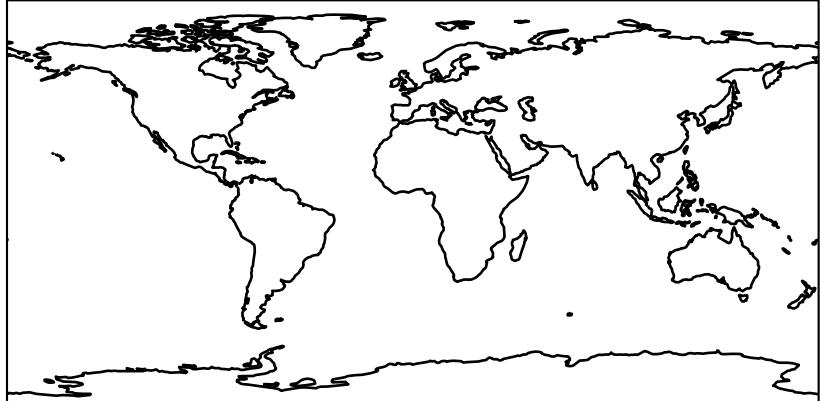


Ratio  
Dev/Ref, Fixed Range

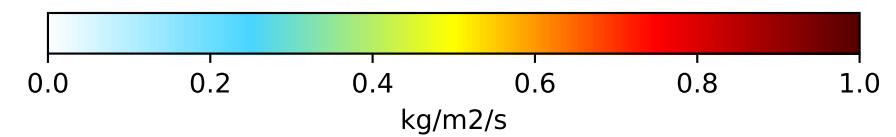


# EmisSALA\_Natural

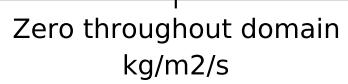
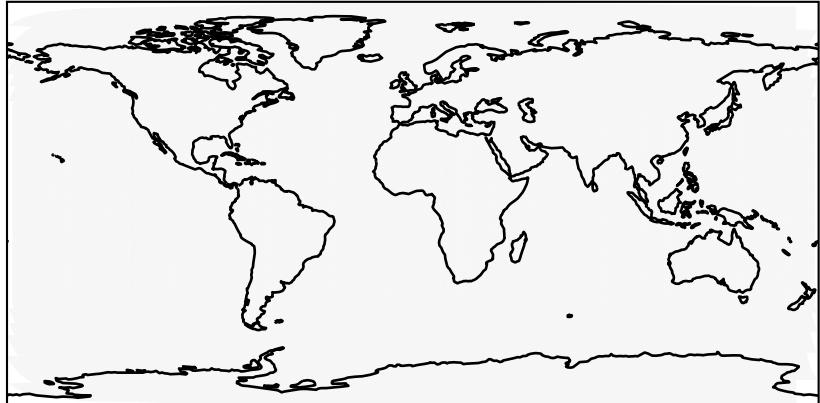
GCHP\_13.0.0-rc.2 (Ref)  
c48



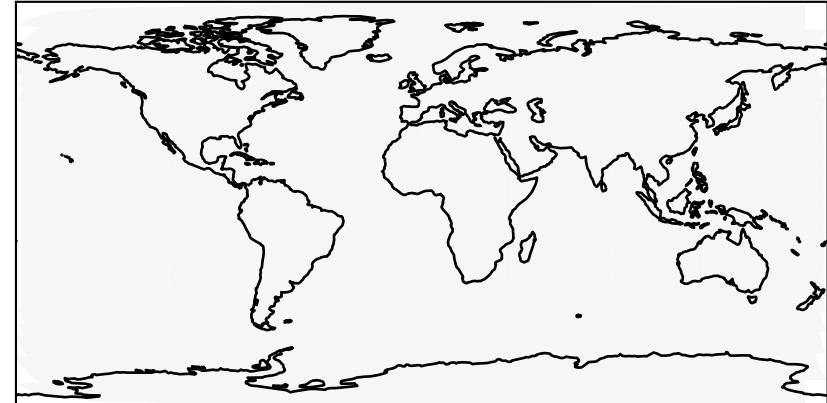
GCHP\_13.1.0-beta.1 (Dev)  
c48



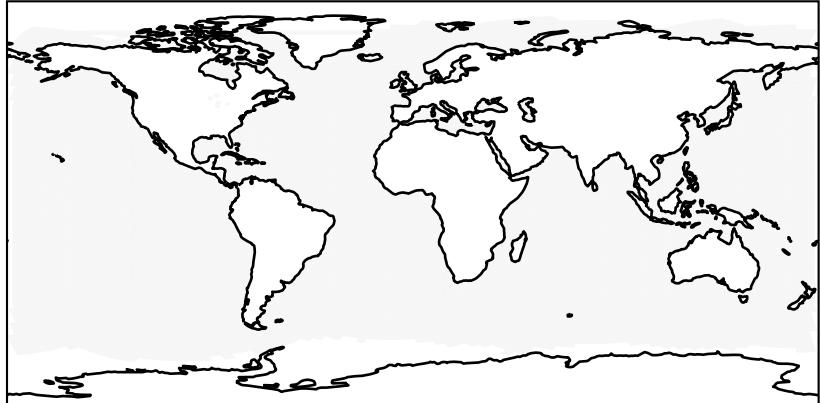
Difference  
Dev - Ref, Dynamic Range



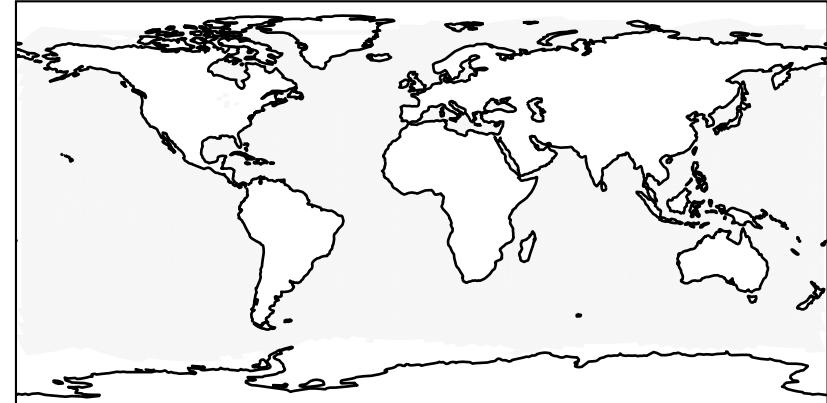
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

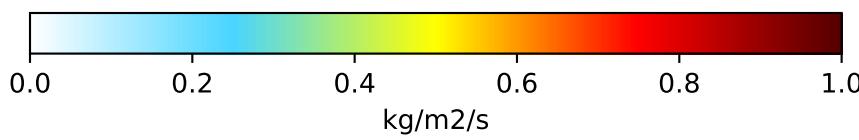


Ratio  
Dev/Ref, Fixed Range

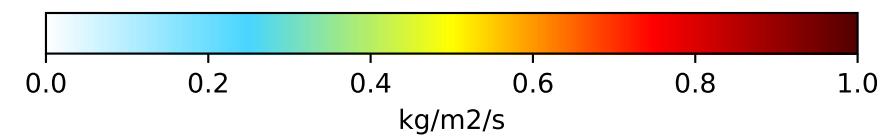
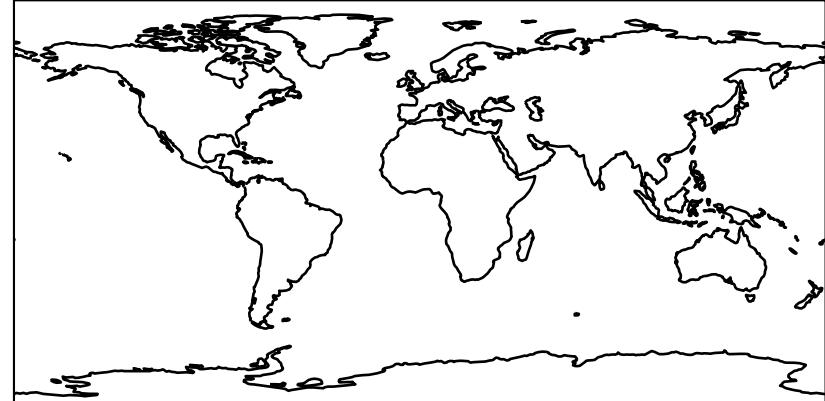


# EmisSALAAL\_Natural

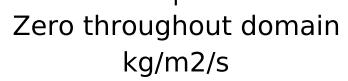
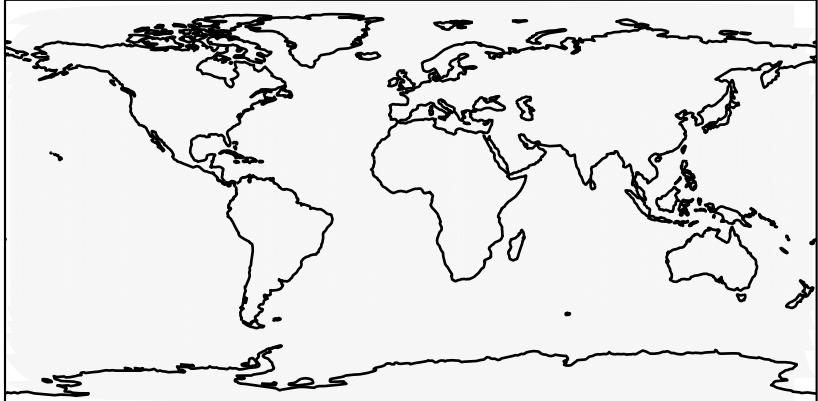
GCHP\_13.0.0-rc.2 (Ref)  
c48



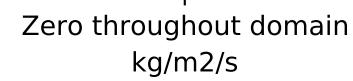
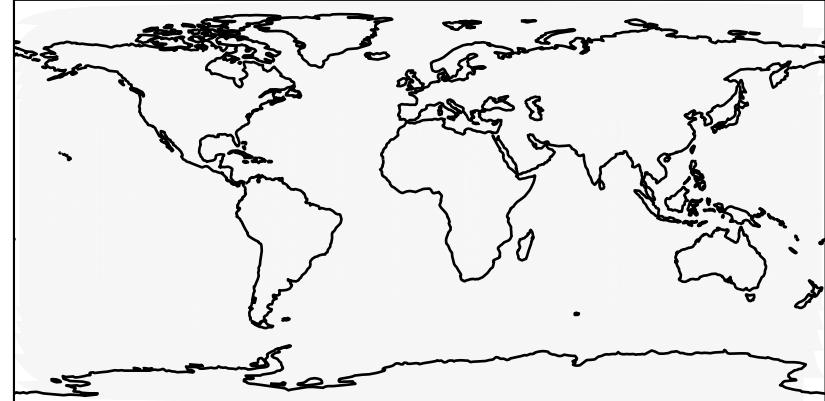
GCHP\_13.1.0-beta.1 (Dev)  
c48



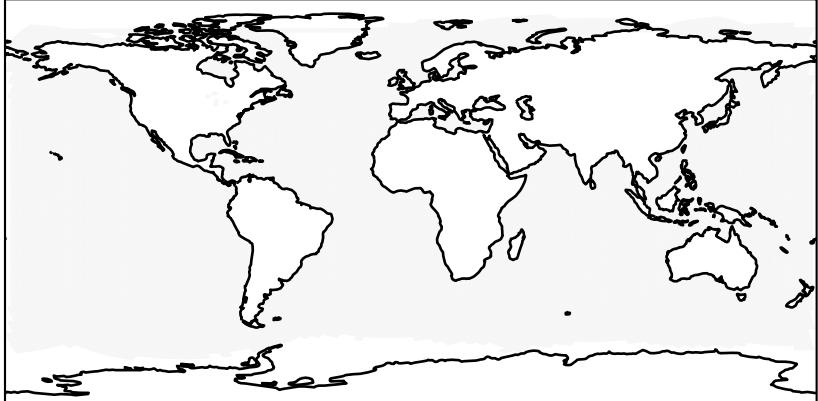
Difference  
Dev - Ref, Dynamic Range



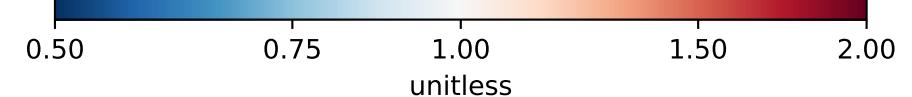
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

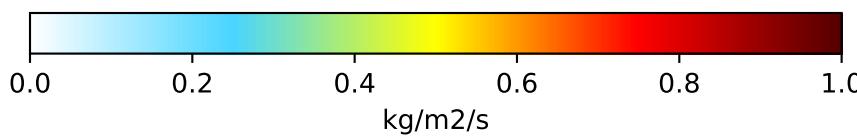
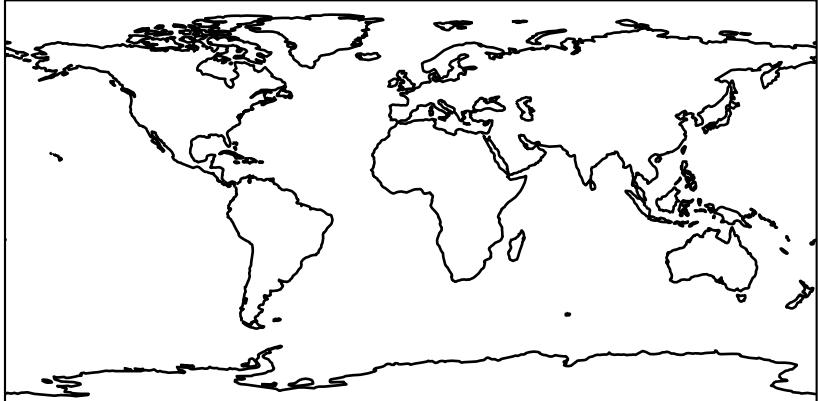


Ratio  
Dev/Ref, Fixed Range

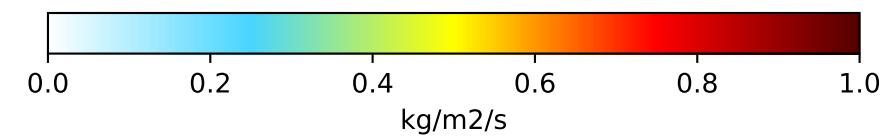


# EmisSALACL\_Natural

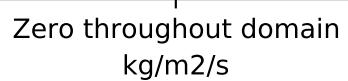
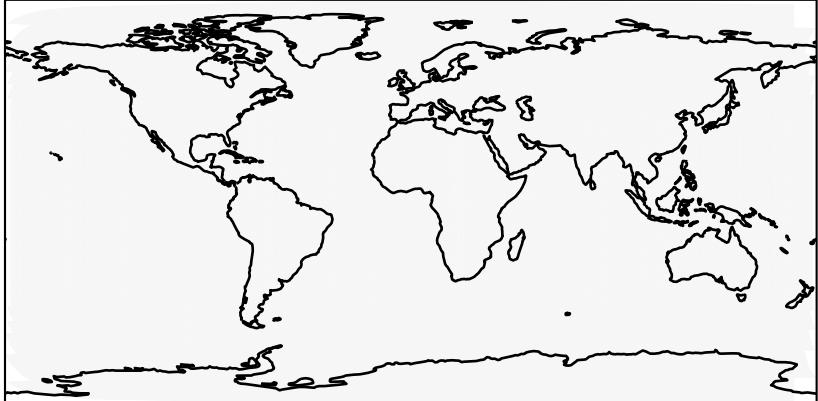
GCHP\_13.0.0-rc.2 (Ref)  
c48



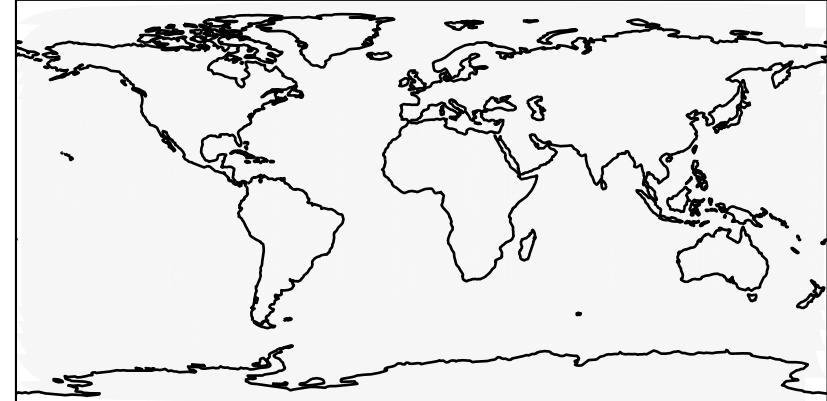
GCHP\_13.1.0-beta.1 (Dev)  
c48



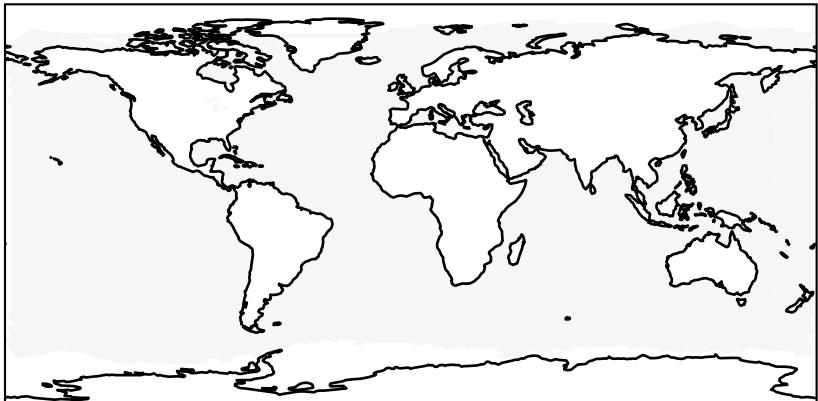
Difference  
Dev - Ref, Dynamic Range



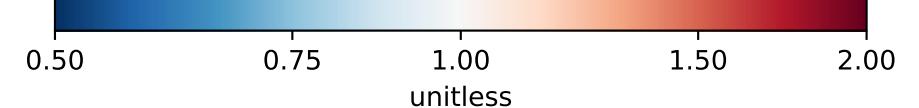
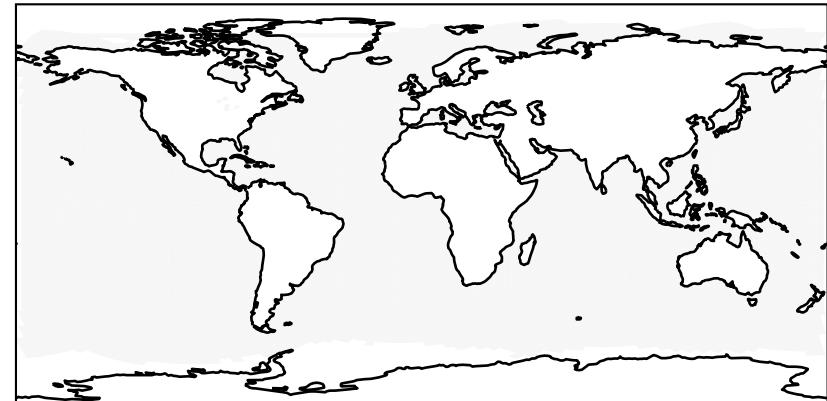
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

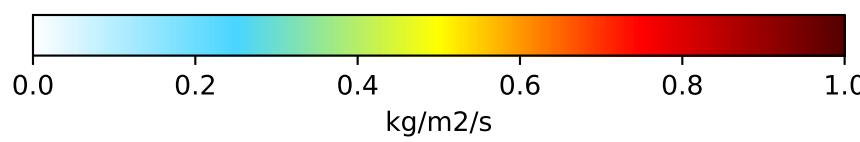
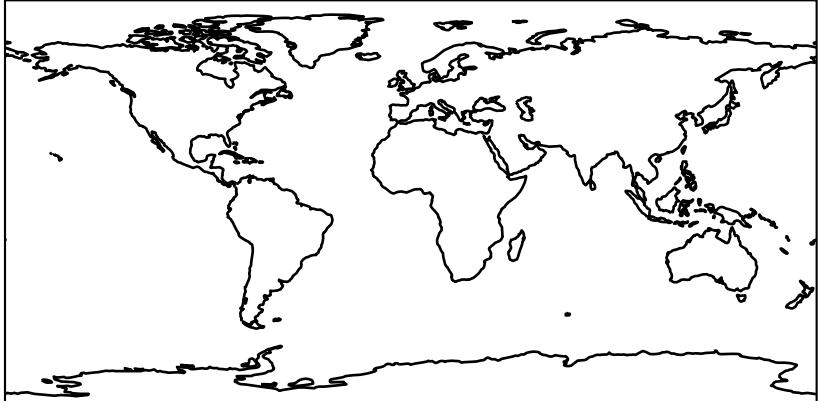


Ratio  
Dev/Ref, Fixed Range

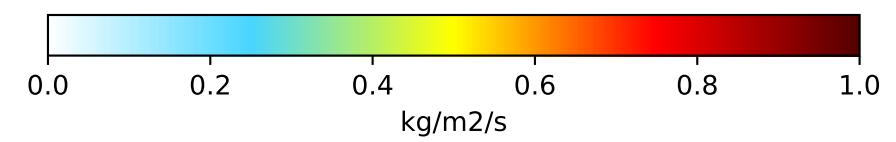


# EmisSALC\_Natural

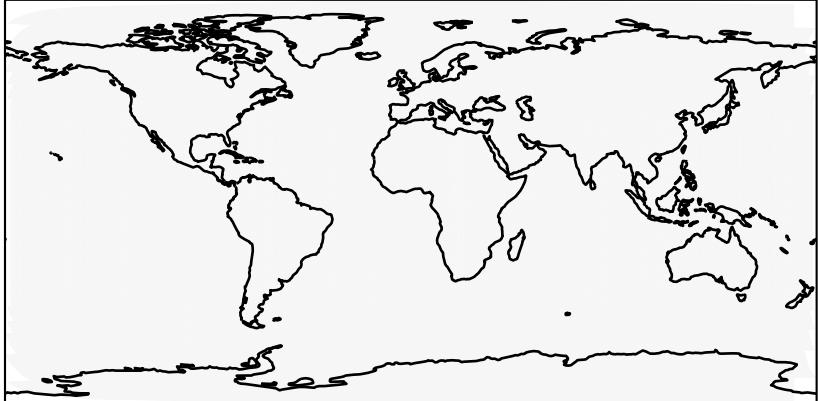
GCHP\_13.0.0-rc.2 (Ref)  
c48



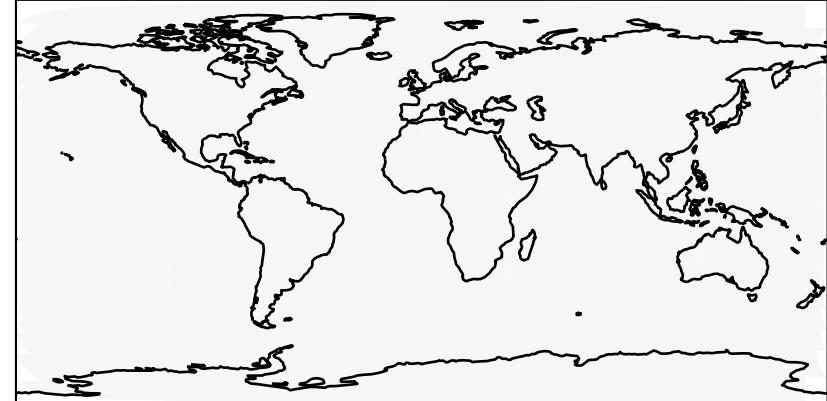
GCHP\_13.1.0-beta.1 (Dev)  
c48



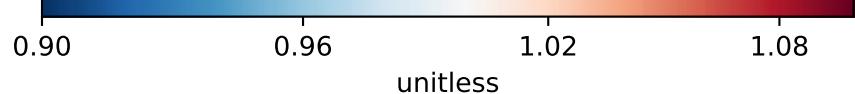
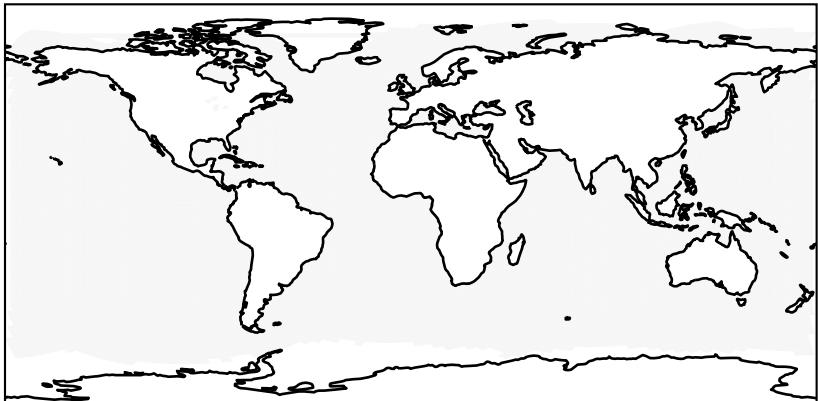
Difference  
Dev - Ref, Dynamic Range



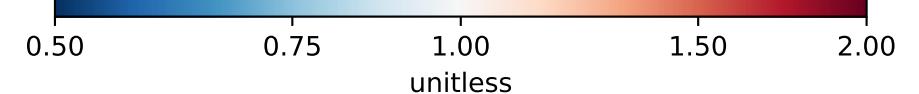
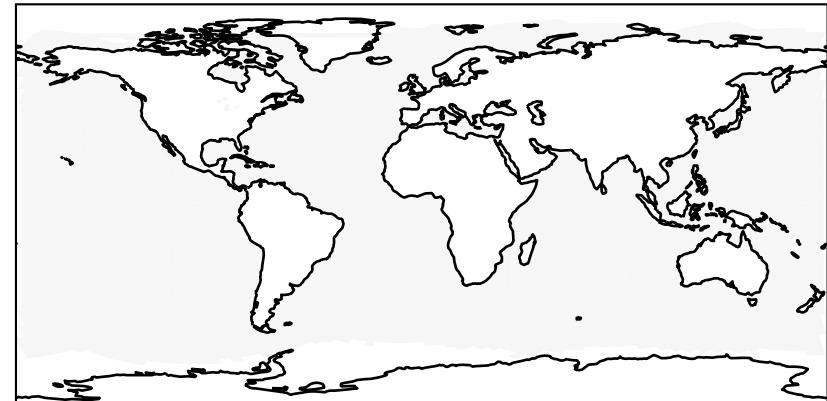
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

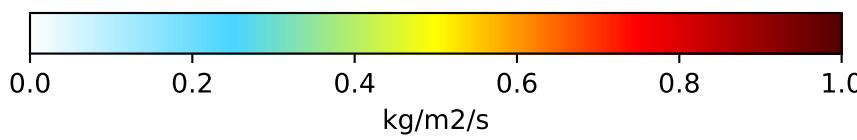


Ratio  
Dev/Ref, Fixed Range

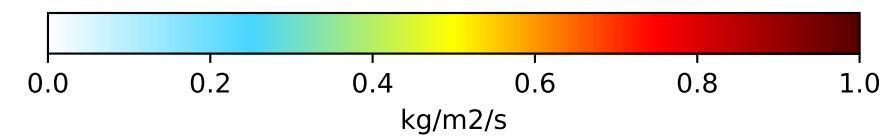


# EmisSALCAL\_Natural

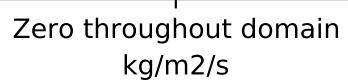
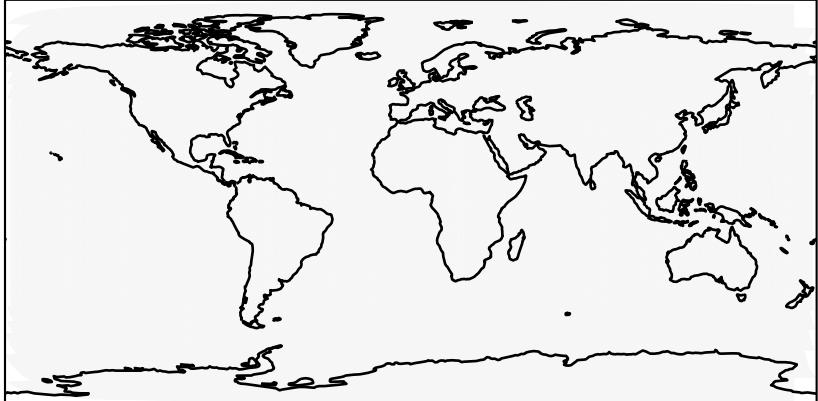
GCHP\_13.0.0-rc.2 (Ref)  
c48



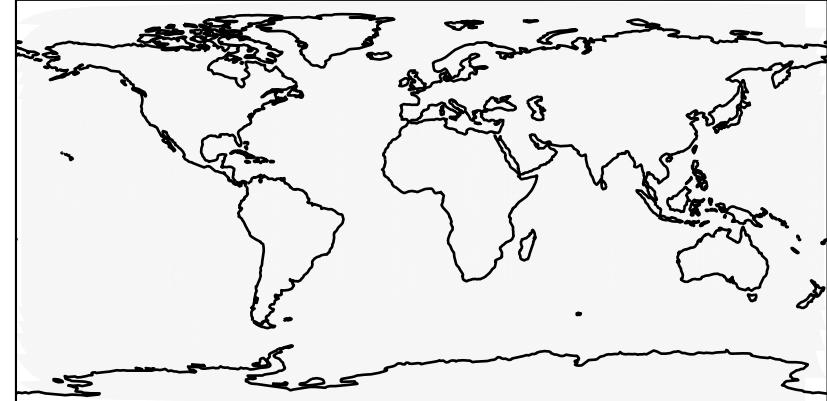
GCHP\_13.1.0-beta.1 (Dev)  
c48



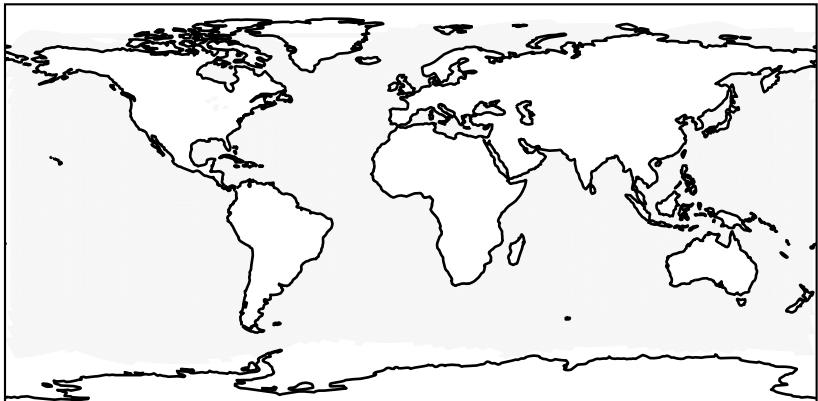
Difference  
Dev - Ref, Dynamic Range



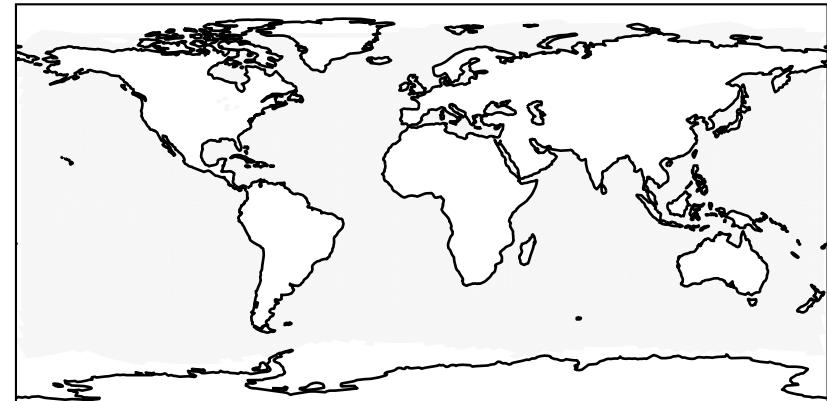
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

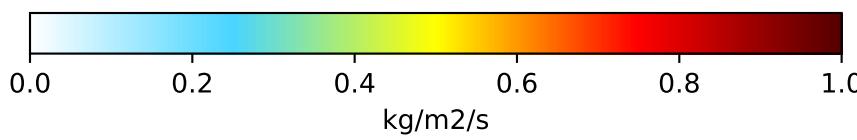


Ratio  
Dev/Ref, Fixed Range

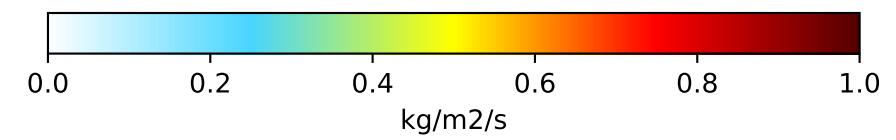


# EmisSALCCL\_Natural

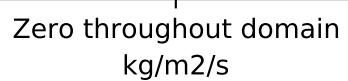
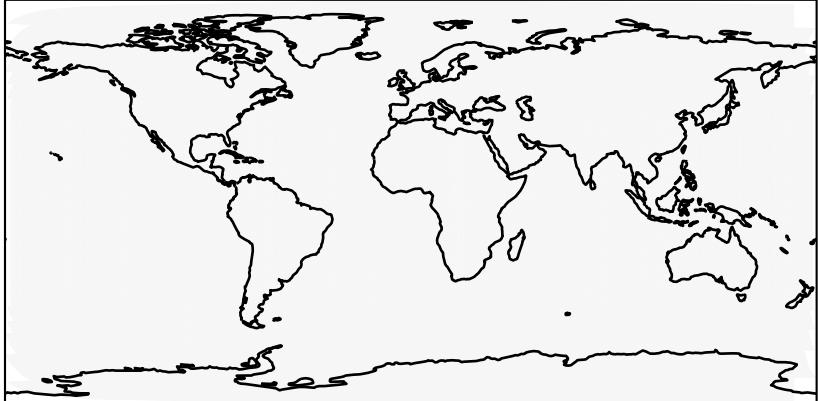
GCHP\_13.0.0-rc.2 (Ref)  
c48



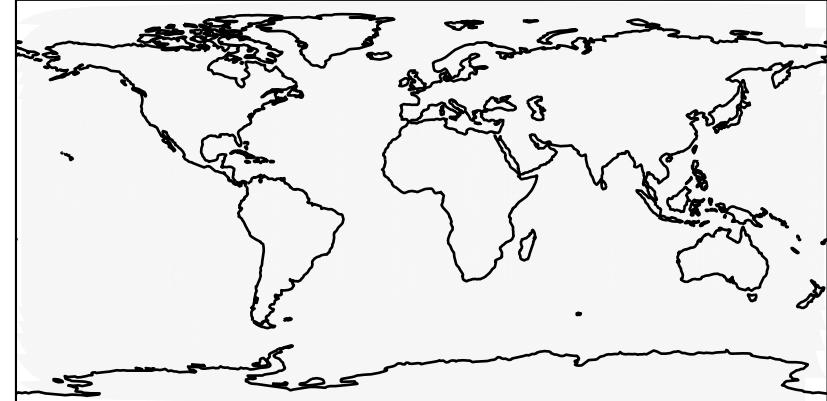
GCHP\_13.1.0-beta.1 (Dev)  
c48



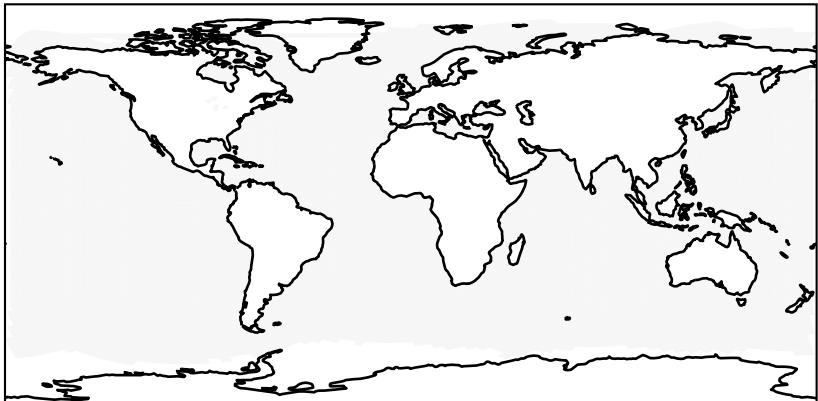
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range



Ratio  
Dev/Ref, Fixed Range

