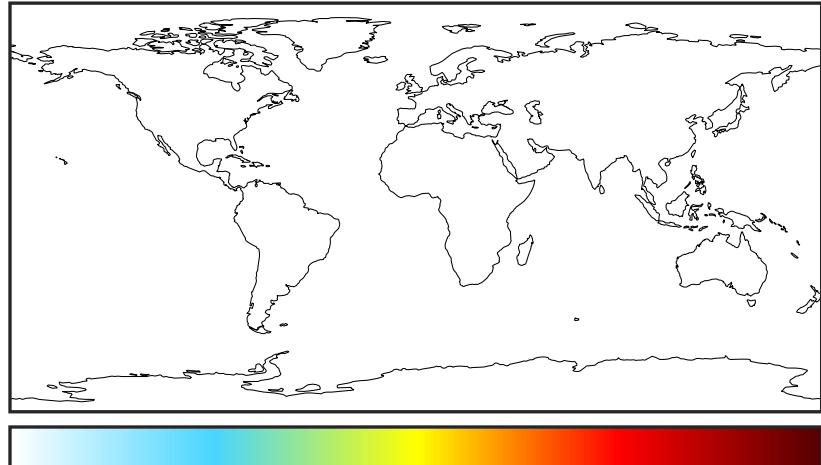


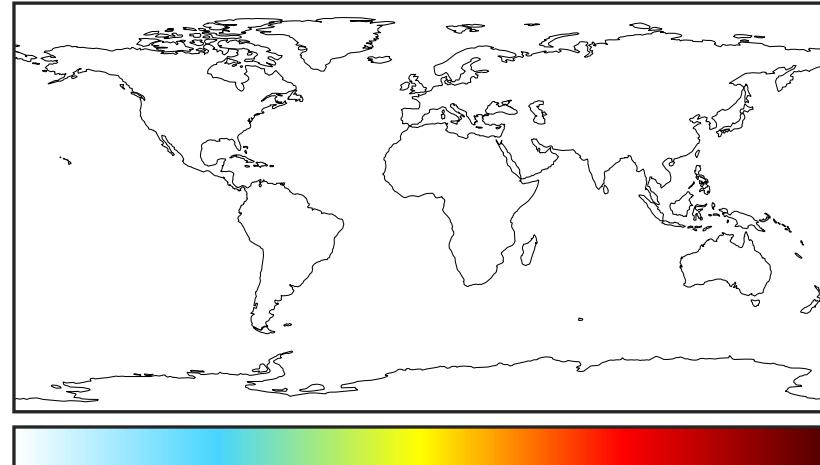
# EmisALD2\_Ship

gcc-4x5-1Mon-14.2.2 (Ref)  
4.0x5.0



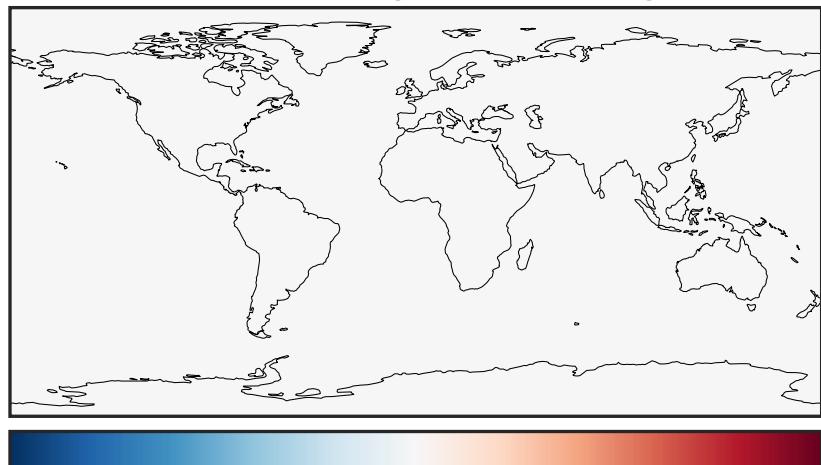
Zero throughout domain  
kg/m<sup>2</sup>/s

gcc-4x5-1Mon-14.2.3 (Dev)  
4.0x5.0



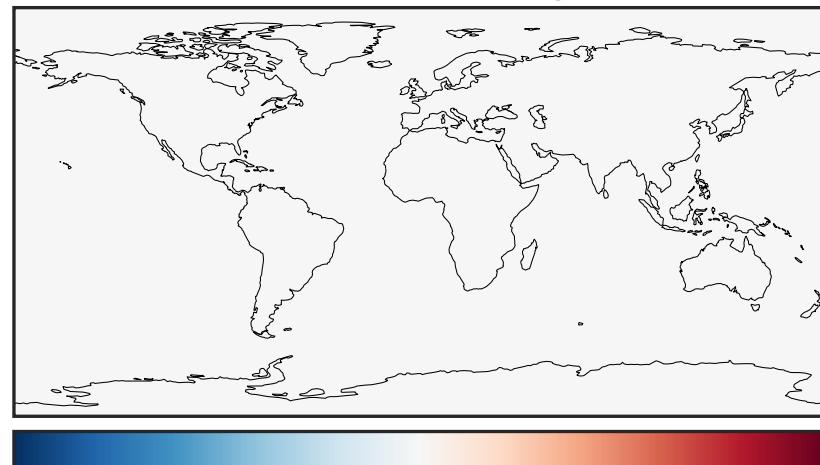
Zero throughout domain  
kg/m<sup>2</sup>/s

Difference  
Dev - Ref, Dynamic Range



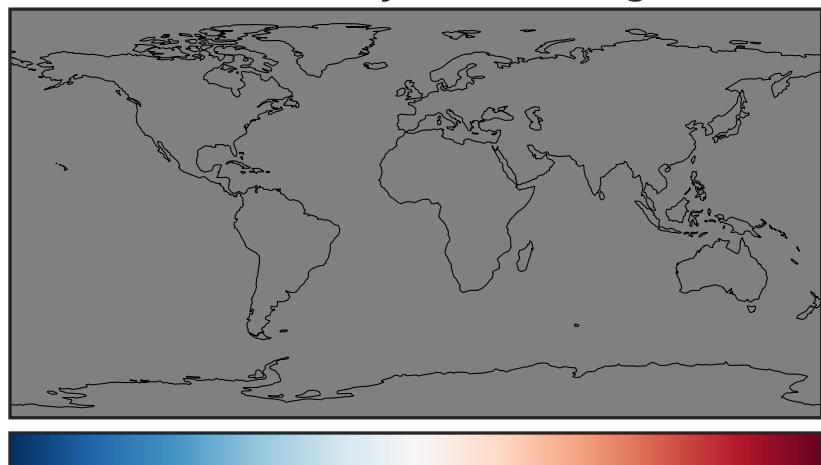
Zero throughout domain  
kg/m<sup>2</sup>/s

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



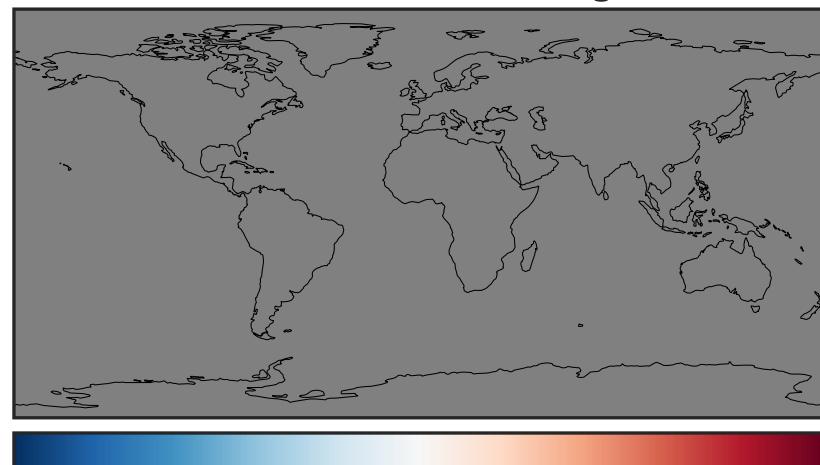
Zero throughout domain  
kg/m<sup>2</sup>/s

Ratio  
Dev/Ref, Dynamic Range



Undefined throughout domain  
unitless

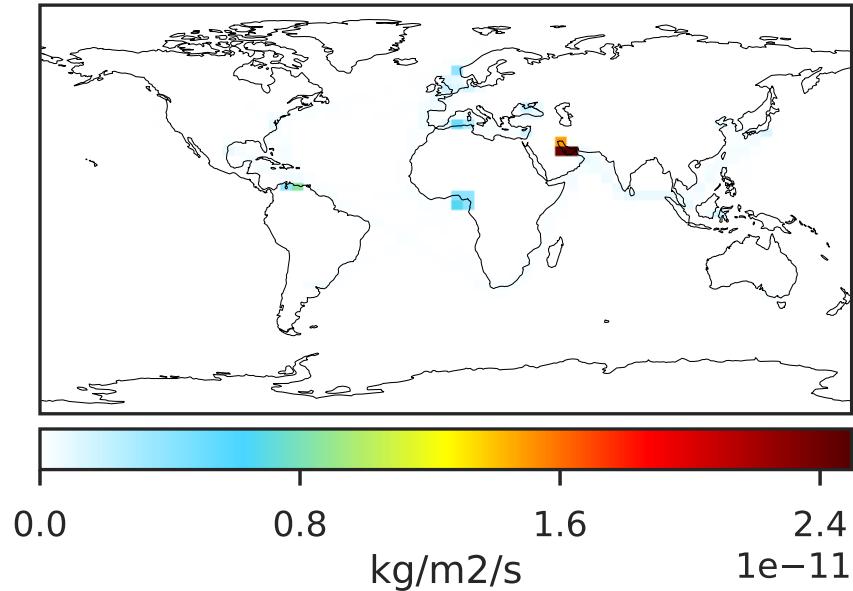
Ratio  
Dev/Ref, Fixed Range



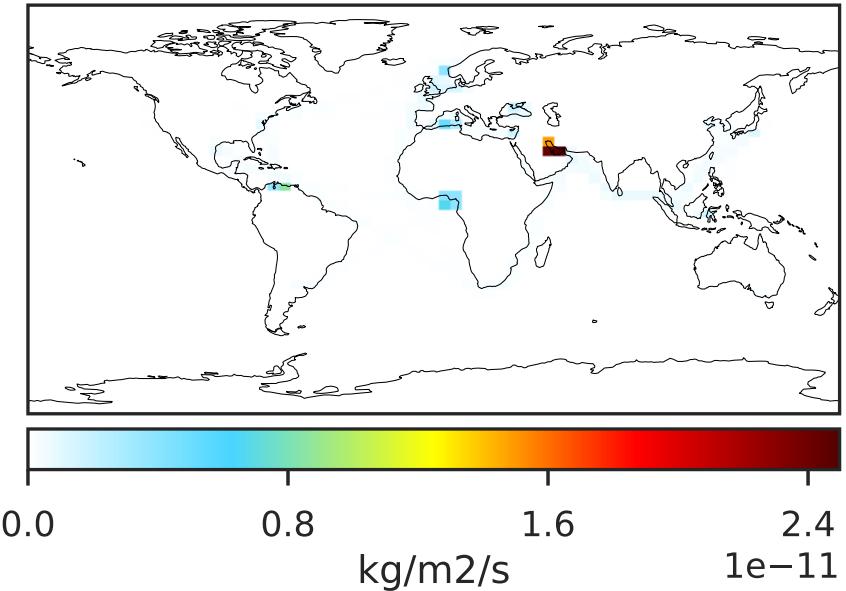
Undefined throughout domain  
unitless

# EmisALK4\_Ship

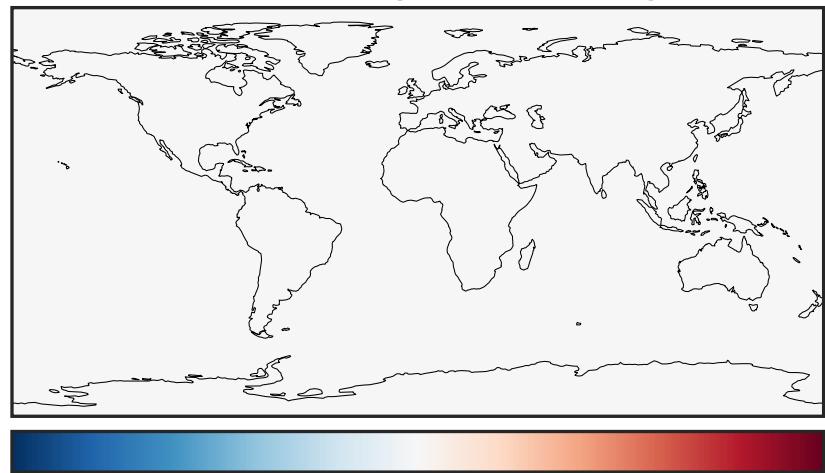
gcc-4x5-1Mon-14.2.2 (Ref)  
4.0x5.0



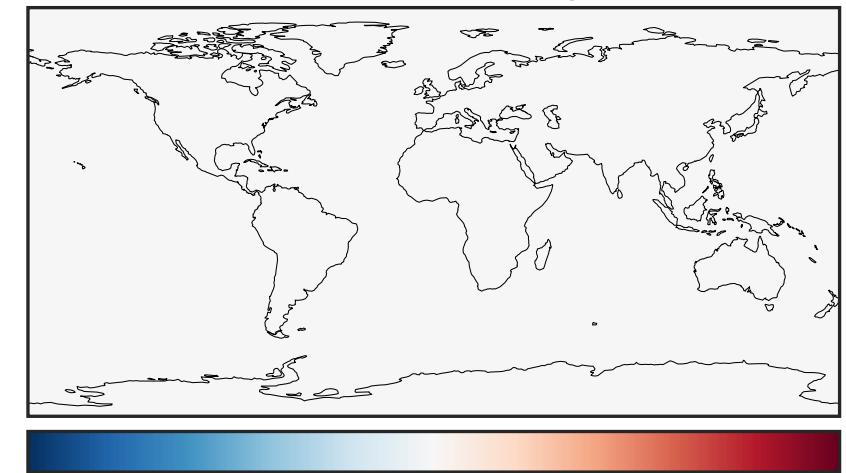
gcc-4x5-1Mon-14.2.3 (Dev)  
4.0x5.0



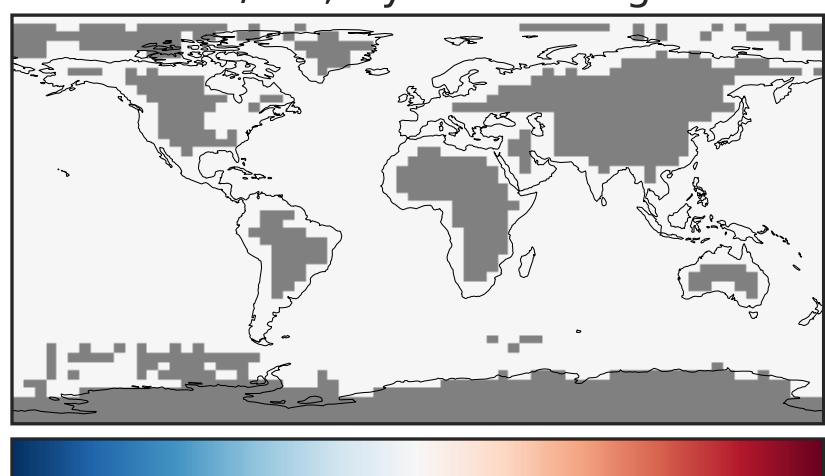
Difference  
Dev - Ref, Dynamic Range



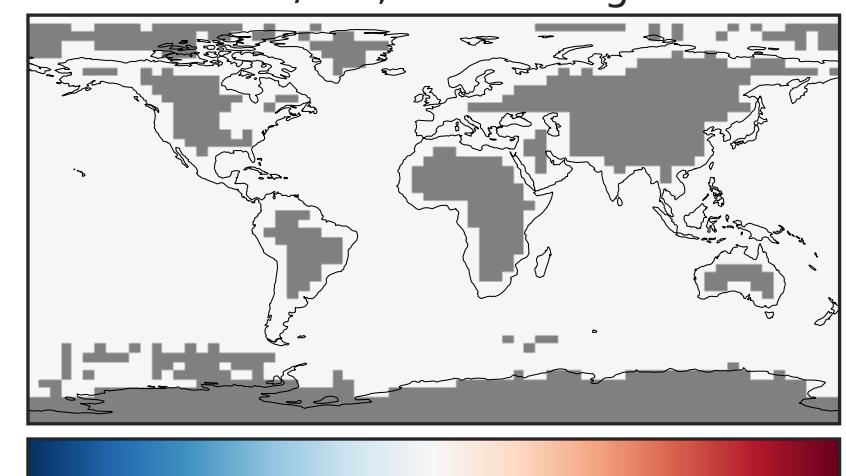
Difference  
Dev - Ref, Restricted Range [5%, 95%]



Ratio  
Dev/Ref, Dynamic Range

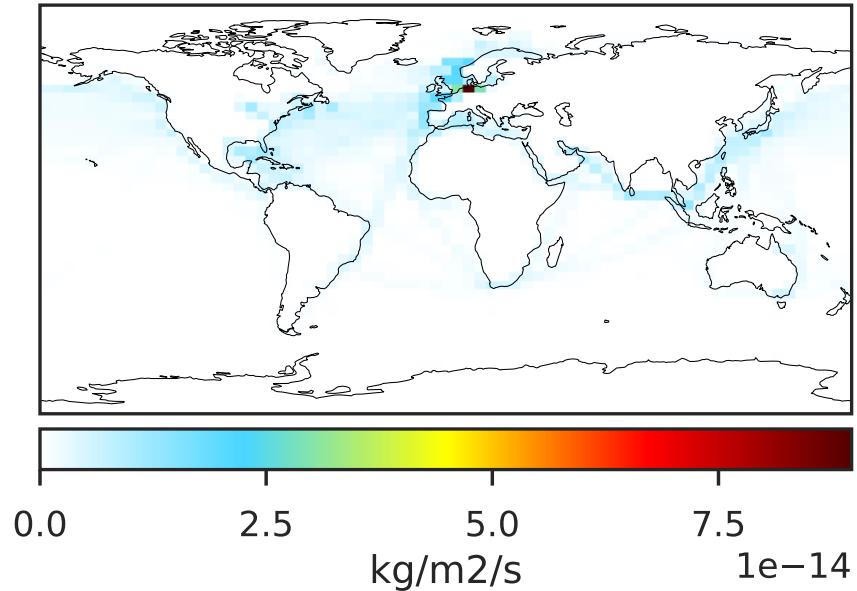


Ratio  
Dev/Ref, Fixed Range

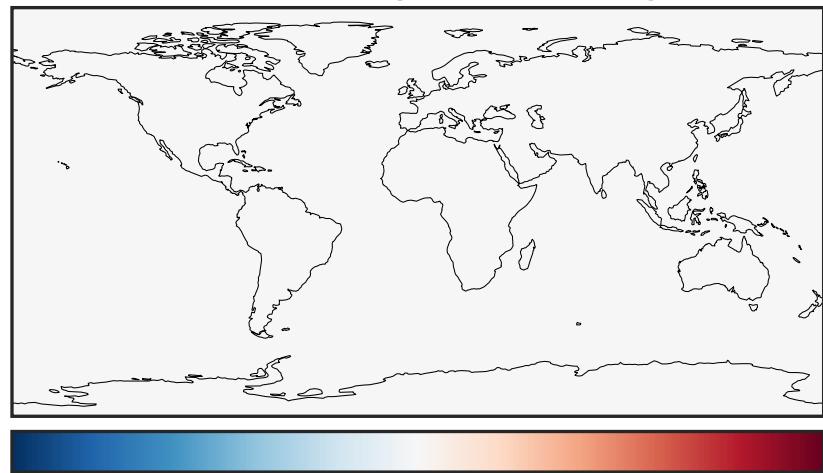


# EmisBCPI\_Ship

gcc-4x5-1Mon-14.2.2 (Ref)  
4.0x5.0

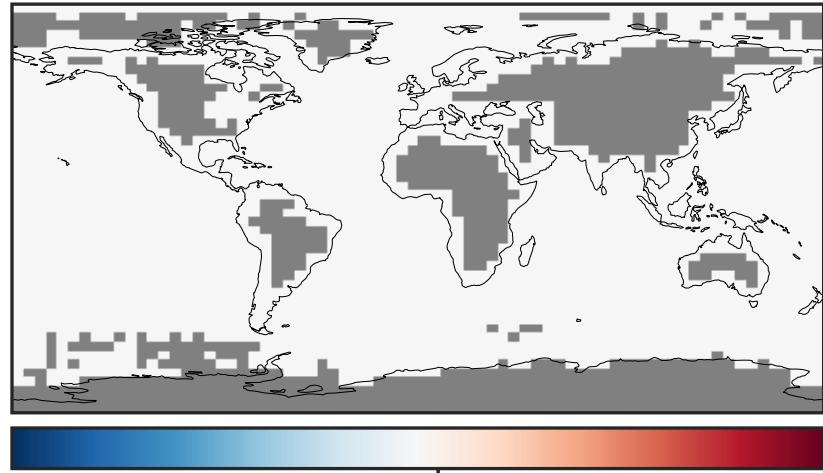


Difference  
Dev - Ref, Dynamic Range



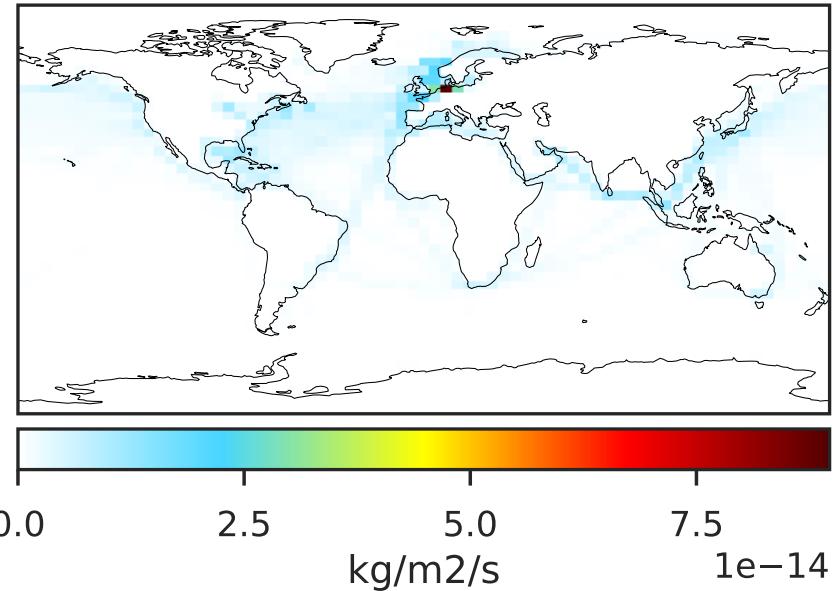
Zero throughout domain  
kg/m<sup>2</sup>/s

Ratio  
Dev/Ref, Dynamic Range

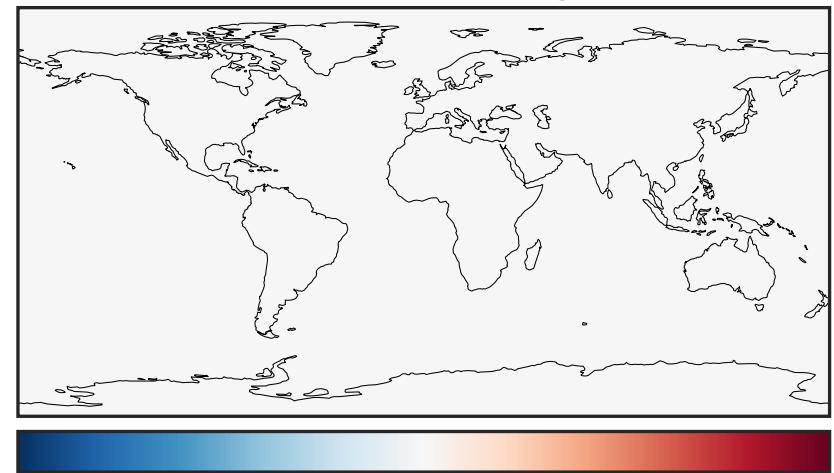


Ref and Dev equal throughout domain  
unitless

gcc-4x5-1Mon-14.2.3 (Dev)  
4.0x5.0

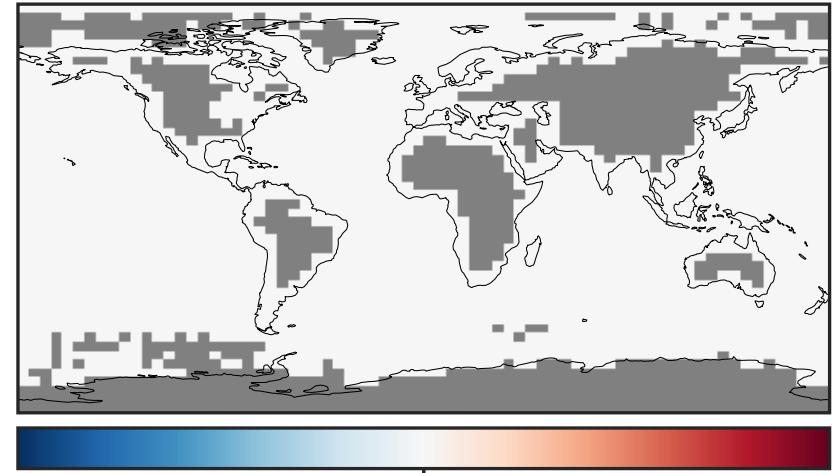


Difference  
Dev - Ref, Restricted Range [5%, 95%]



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

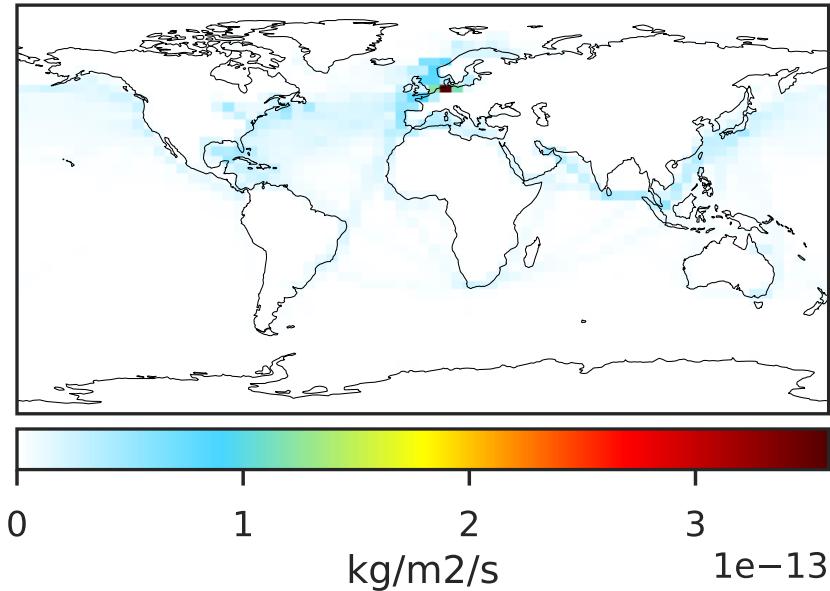
Ratio  
Dev/Ref, Fixed Range



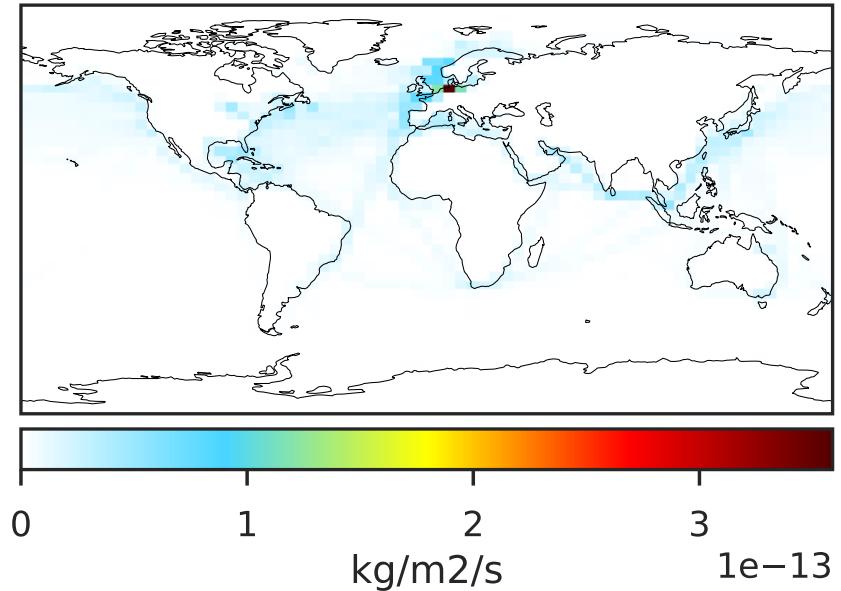
Ref and Dev equal throughout domain  
unitless

# EmisBCPO\_Ship

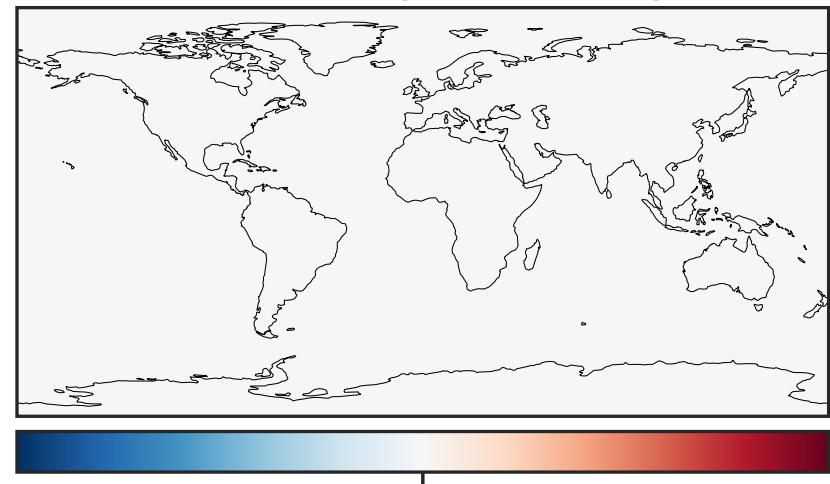
gcc-4x5-1Mon-14.2.2 (Ref)  
4.0x5.0



gcc-4x5-1Mon-14.2.3 (Dev)  
4.0x5.0

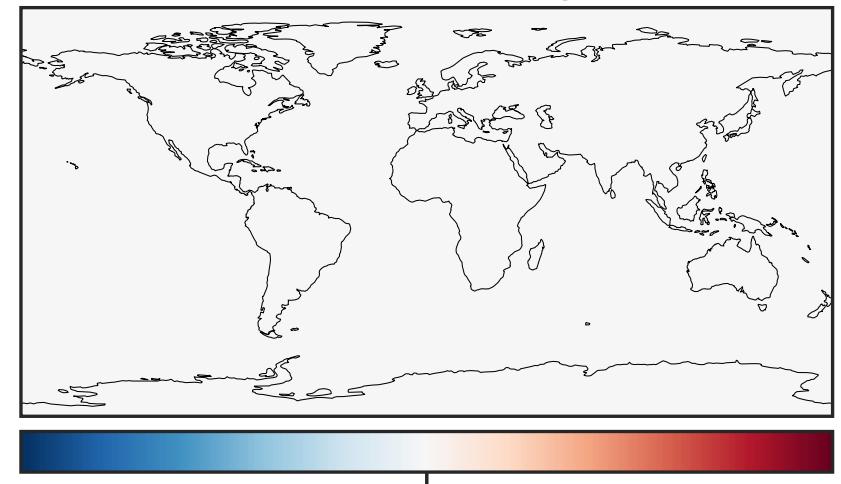


Difference  
Dev - Ref, Dynamic Range

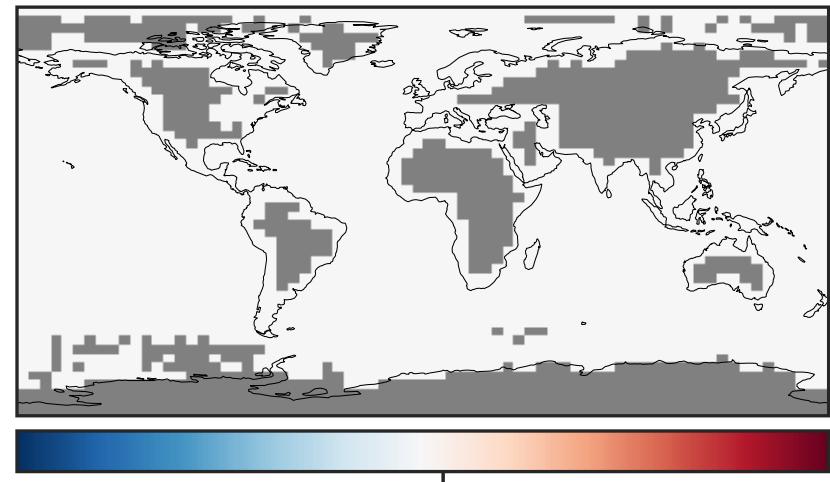


Zero throughout domain  
kg/m<sup>2</sup>/s

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

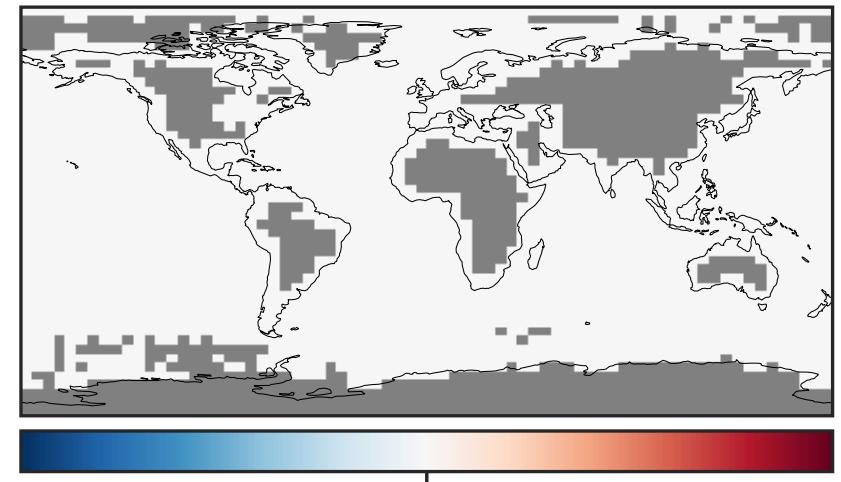


Ratio  
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain  
unitless

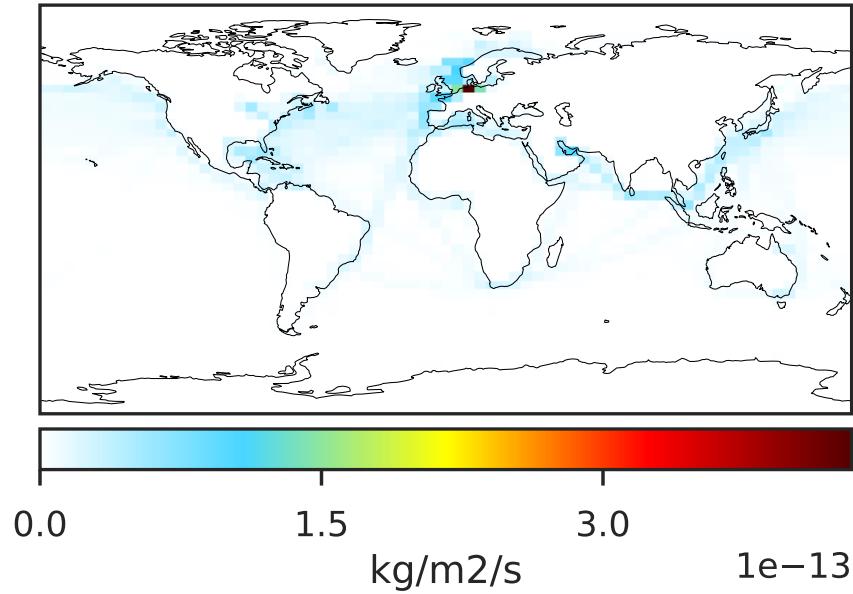
Ratio  
Dev/Ref, Fixed Range



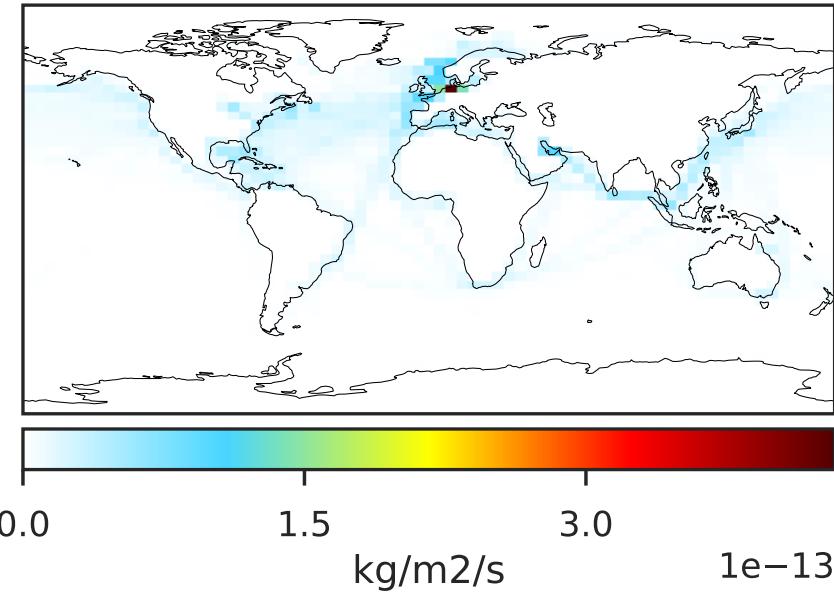
Ref and Dev equal throughout domain  
unitless

# EmisBENZ\_Ship

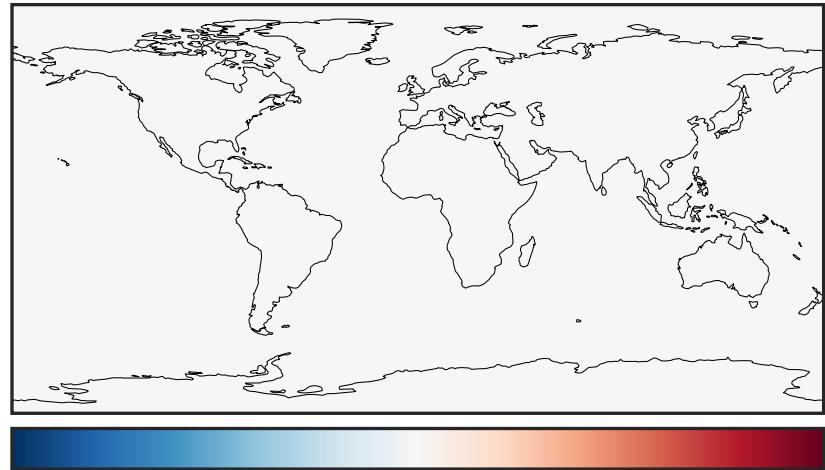
gcc-4x5-1Mon-14.2.2 (Ref)  
4.0x5.0



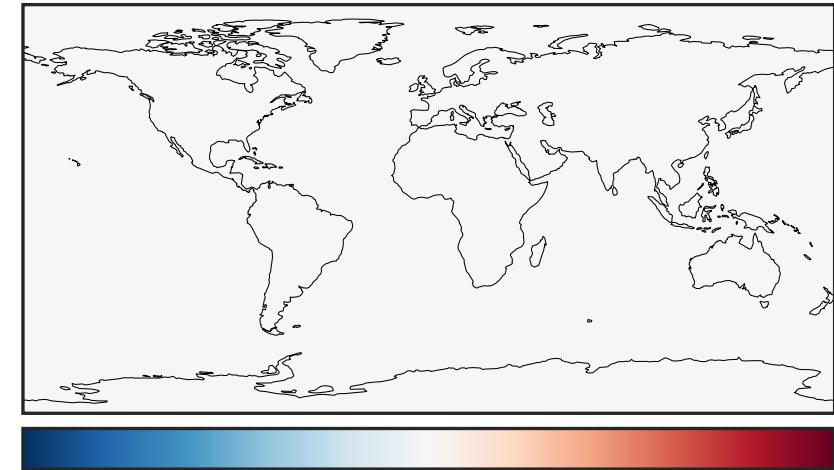
gcc-4x5-1Mon-14.2.3 (Dev)  
4.0x5.0



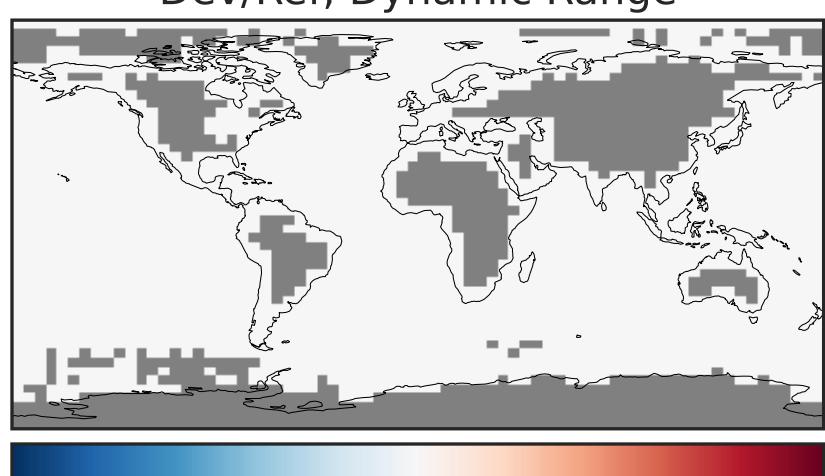
Difference  
Dev - Ref, Dynamic Range



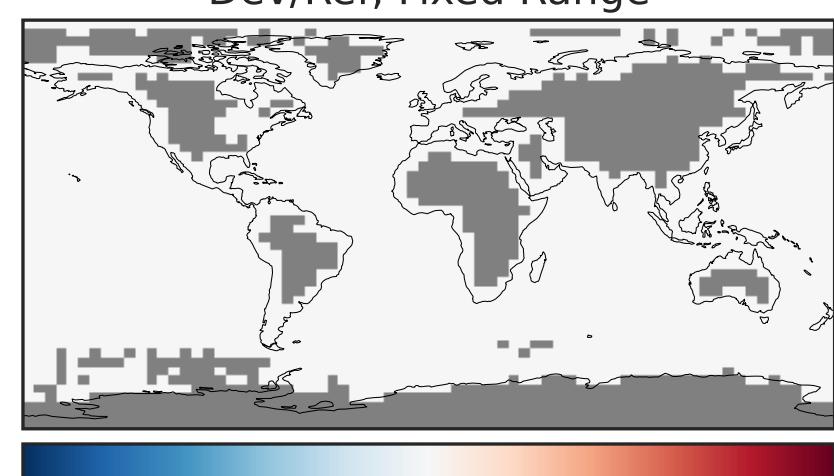
Difference  
Dev - Ref, Restricted Range [5%, 95%]



Ratio  
Dev/Ref, Dynamic Range

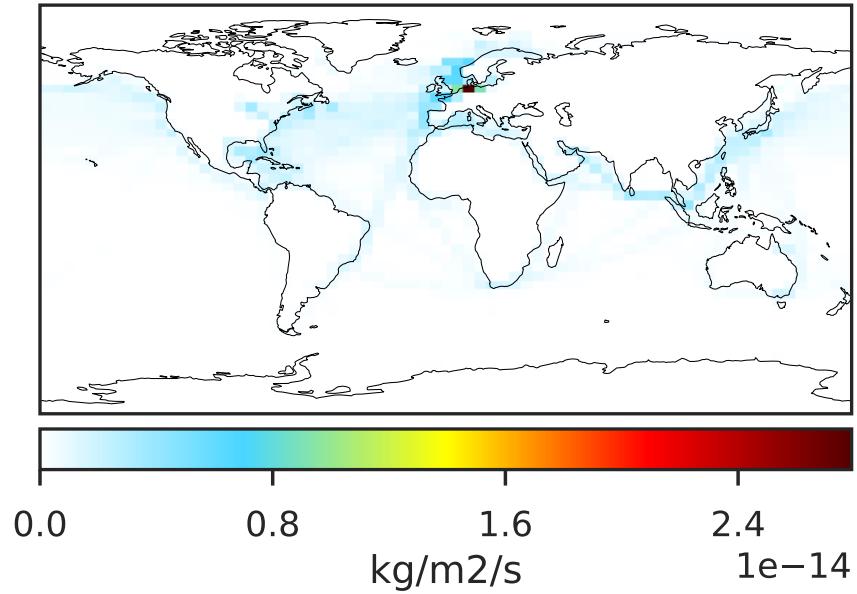


Ratio  
Dev/Ref, Fixed Range

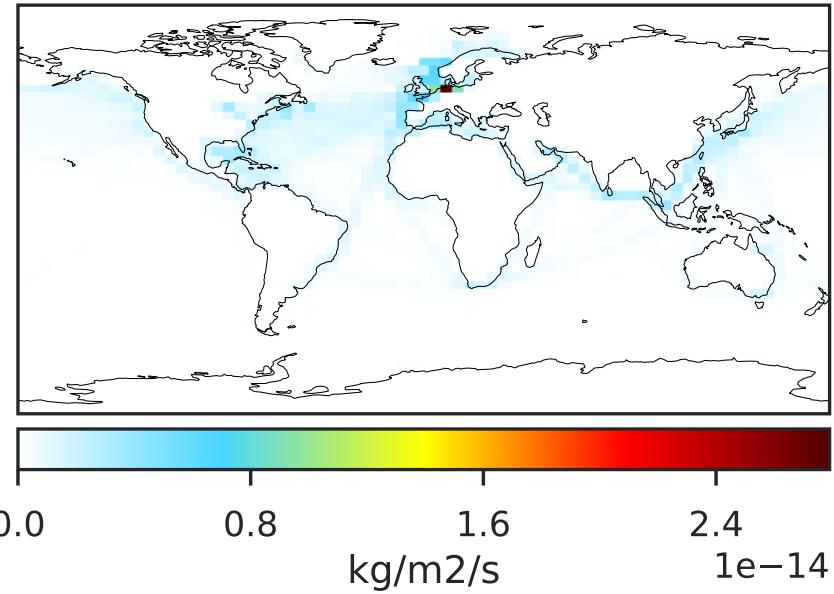


# EmisC2H2\_Ship

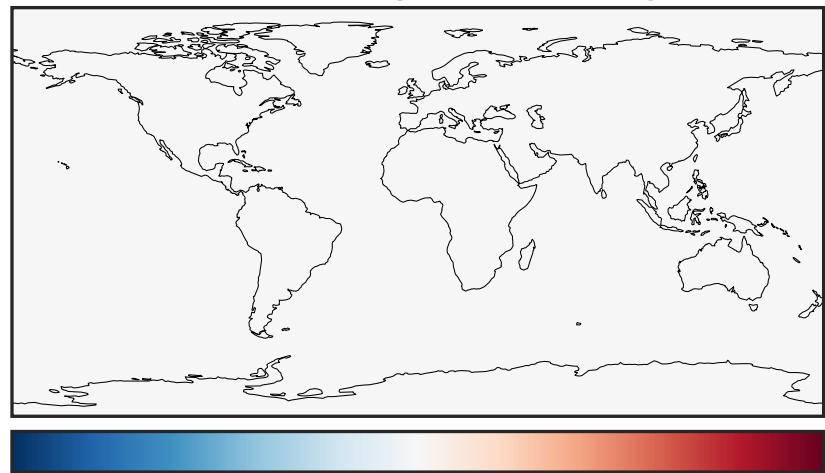
gcc-4x5-1Mon-14.2.2 (Ref)  
4.0x5.0



gcc-4x5-1Mon-14.2.3 (Dev)  
4.0x5.0

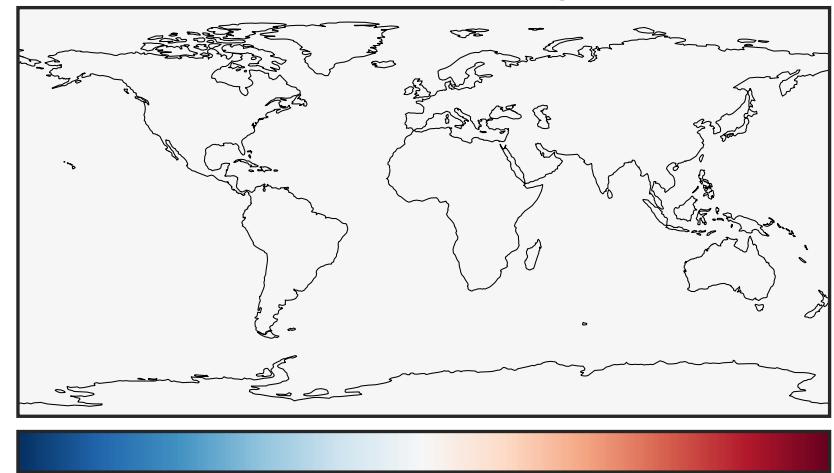


Difference  
Dev - Ref, Dynamic Range



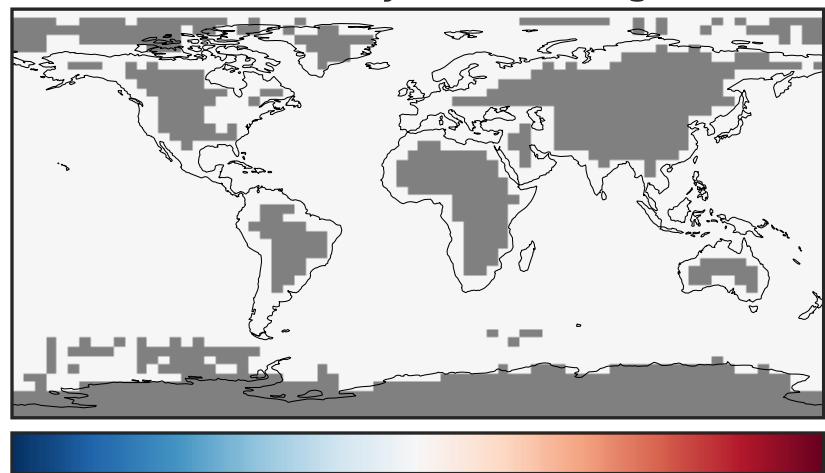
Zero throughout domain  
kg/m<sup>2</sup>/s

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



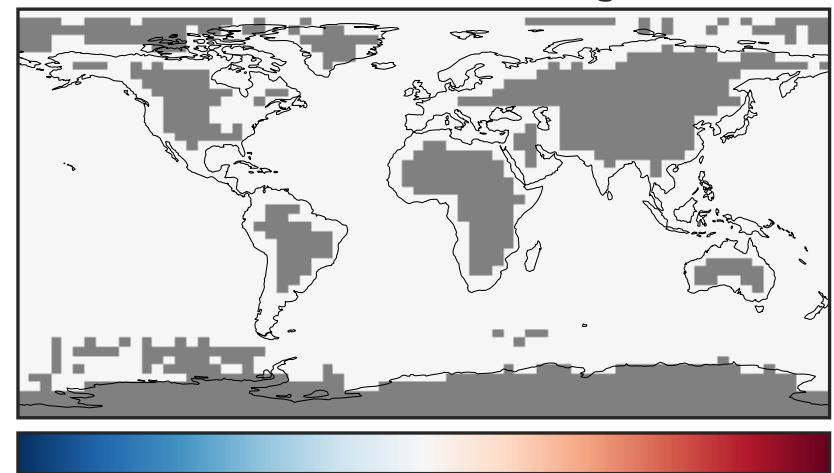
Zero throughout domain  
kg/m<sup>2</sup>/s

Ratio  
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain  
unitless

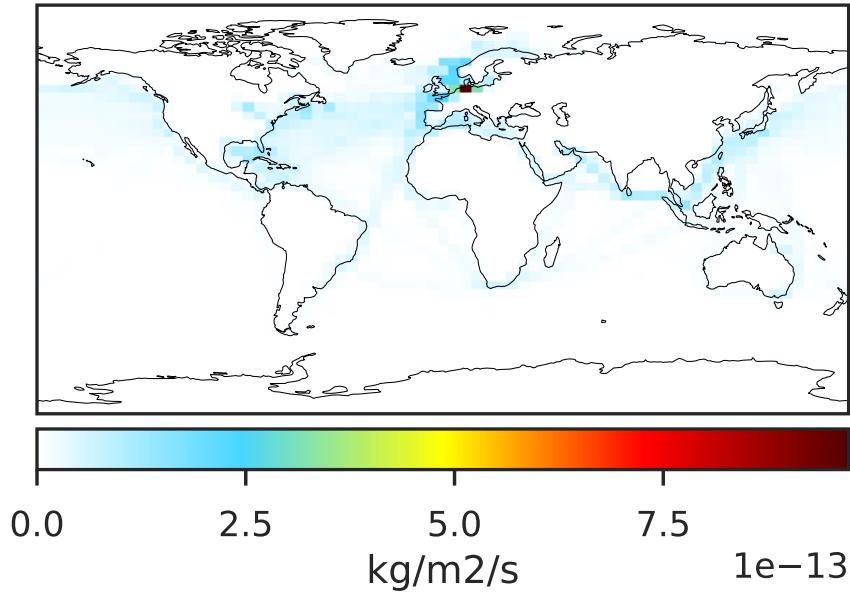
Ratio  
Dev/Ref, Fixed Range



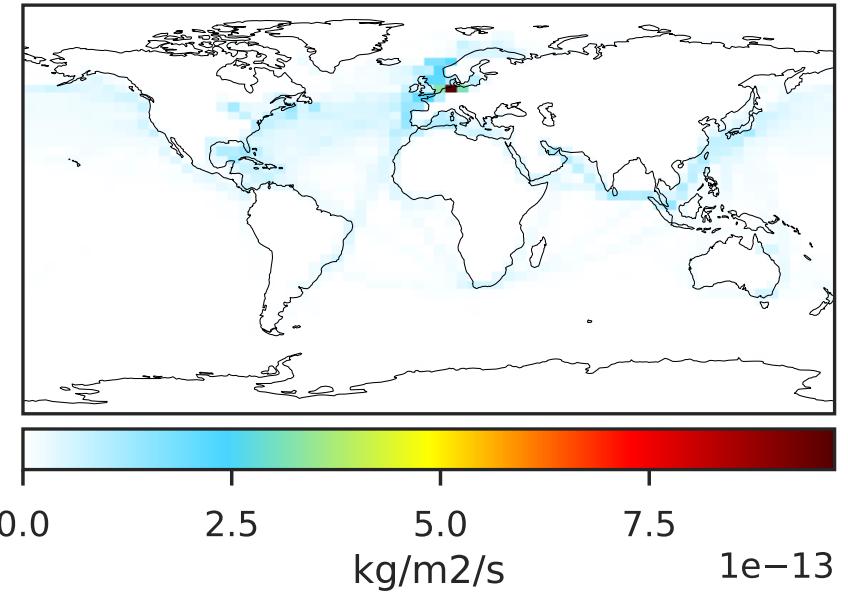
Ref and Dev equal throughout domain  
unitless

# EmisC2H4\_Ship

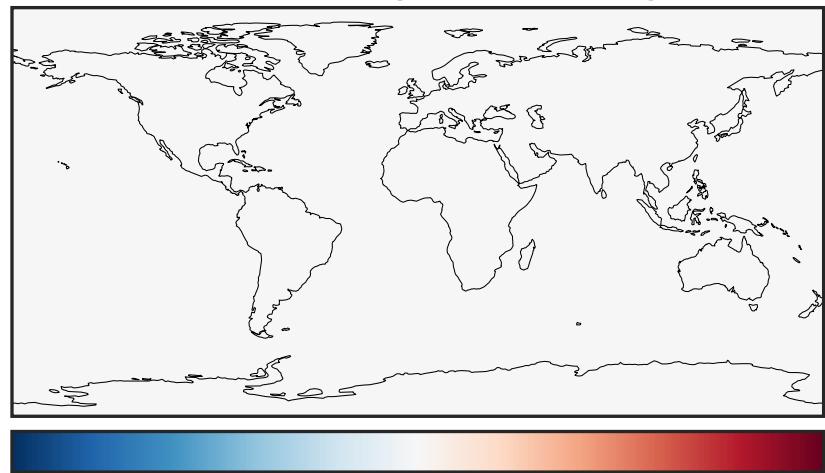
gcc-4x5-1Mon-14.2.2 (Ref)  
4.0x5.0



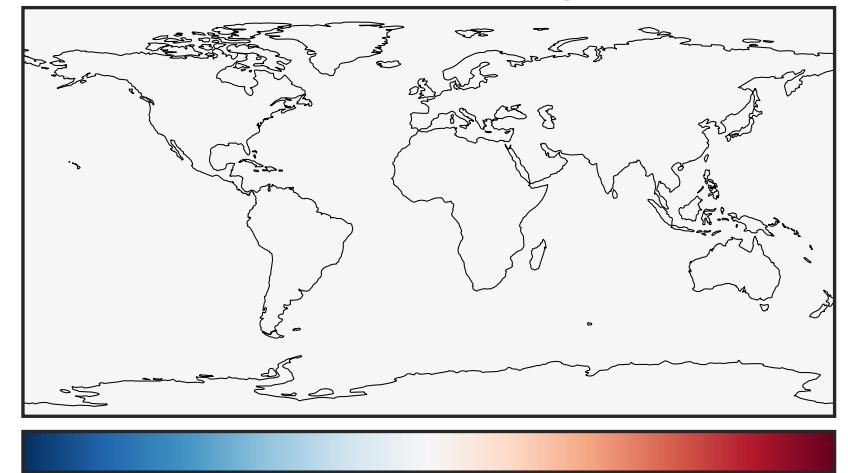
gcc-4x5-1Mon-14.2.3 (Dev)  
4.0x5.0



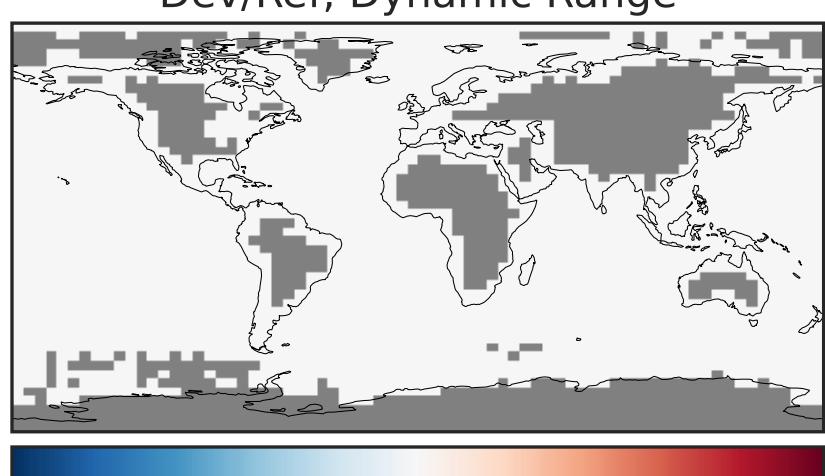
Difference  
Dev - Ref, Dynamic Range



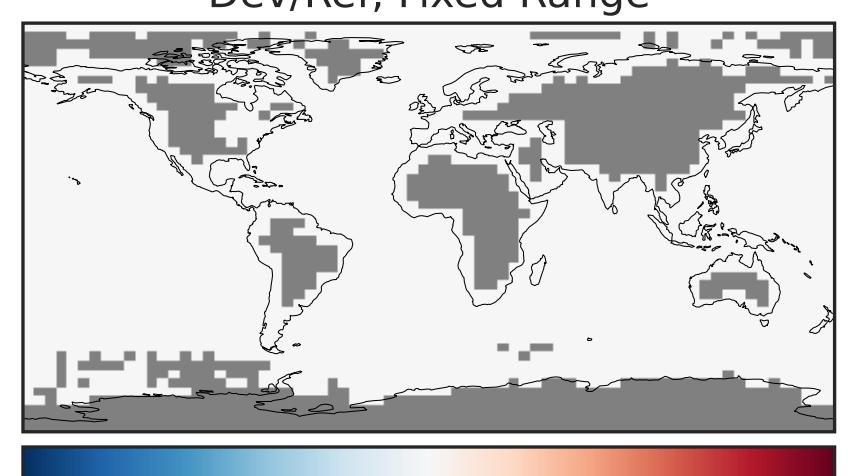
Difference  
Dev - Ref, Restricted Range [5%, 95%]



Ratio  
Dev/Ref, Dynamic Range

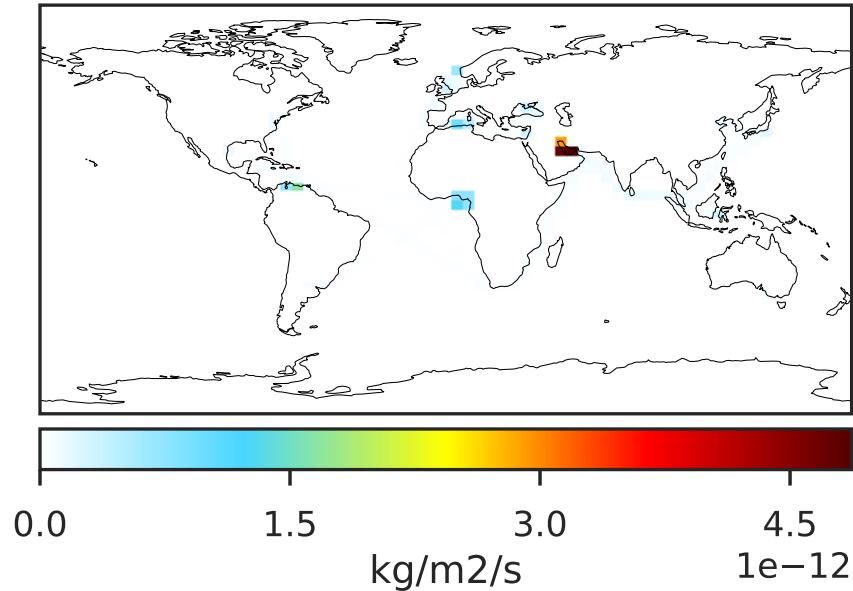


Ratio  
Dev/Ref, Fixed Range

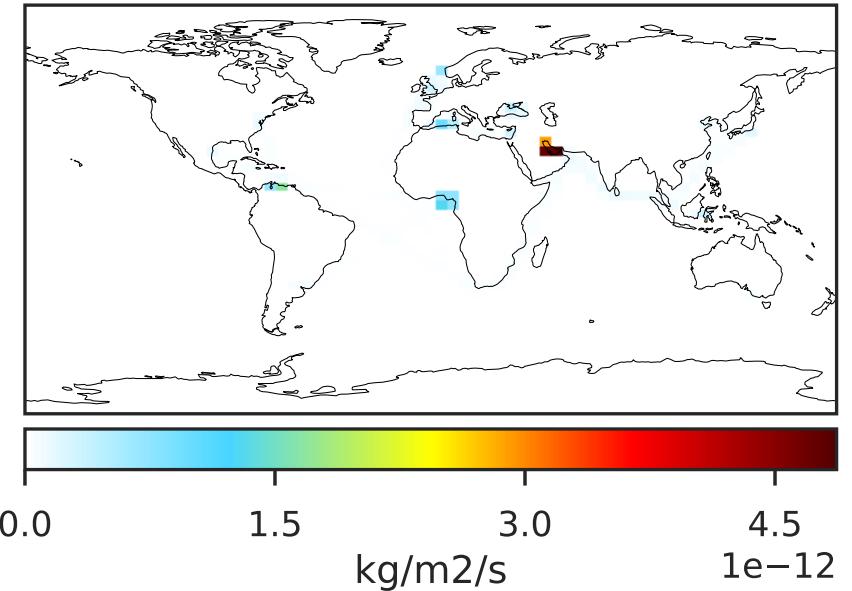


# EmisC2H6\_Ship

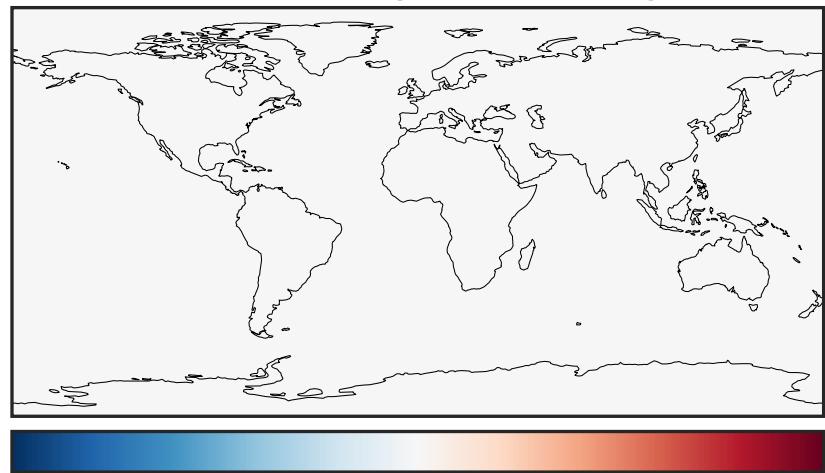
gcc-4x5-1Mon-14.2.2 (Ref)  
4.0x5.0



gcc-4x5-1Mon-14.2.3 (Dev)  
4.0x5.0

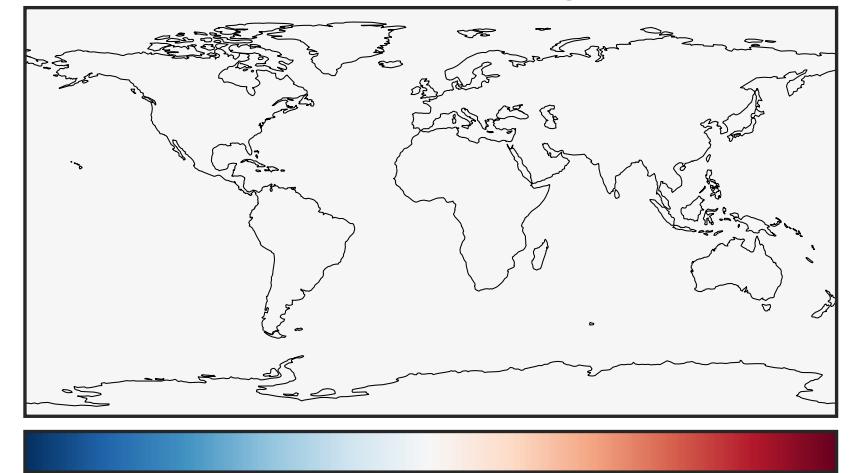


Difference  
Dev - Ref, Dynamic Range



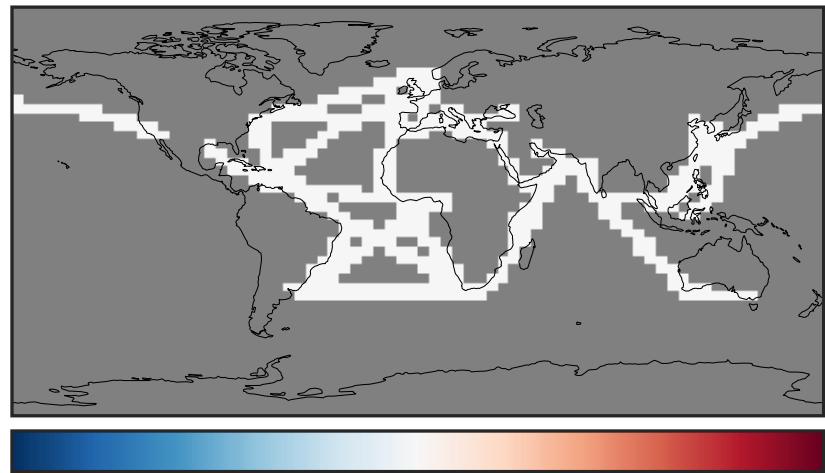
Zero throughout domain  
kg/m<sup>2</sup>/s

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



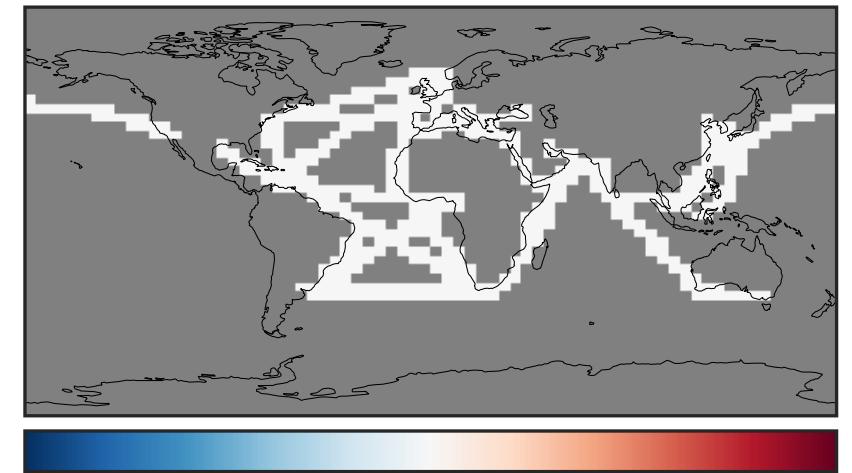
Zero throughout domain  
kg/m<sup>2</sup>/s

Ratio  
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain  
unitless

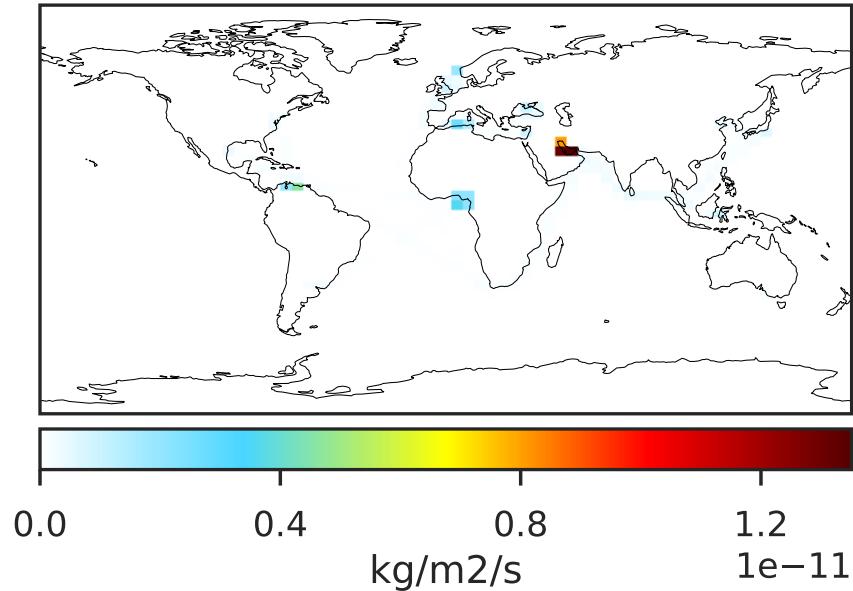
Ratio  
Dev/Ref, Fixed Range



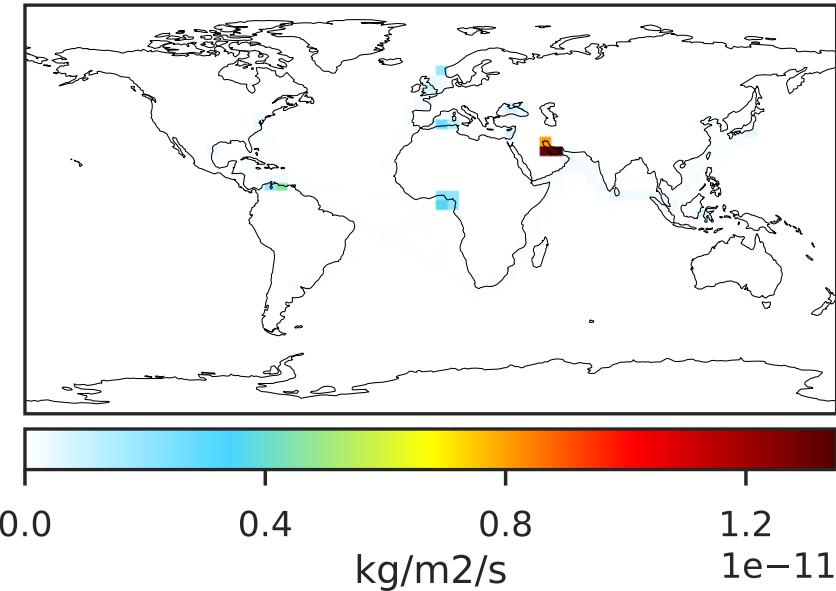
Ref and Dev equal throughout domain  
unitless

# EmisC3H8\_Ship

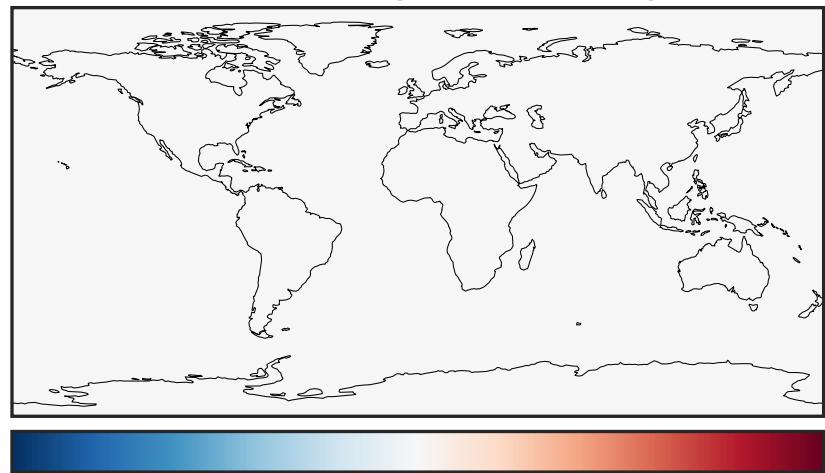
gcc-4x5-1Mon-14.2.2 (Ref)  
4.0x5.0



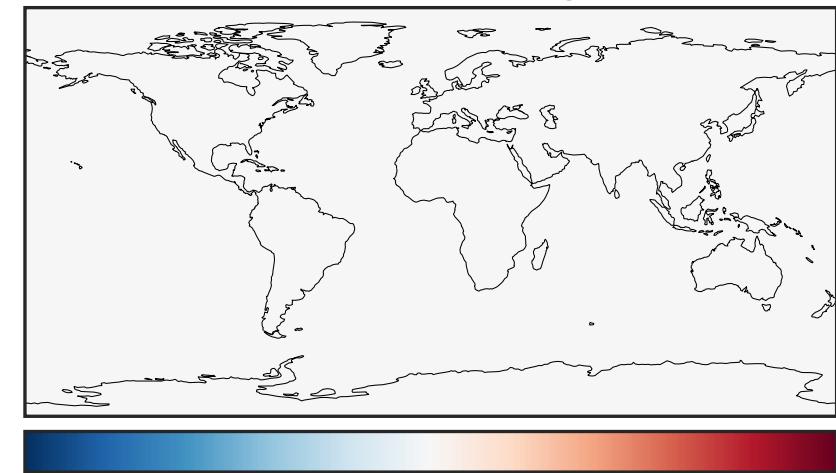
gcc-4x5-1Mon-14.2.3 (Dev)  
4.0x5.0



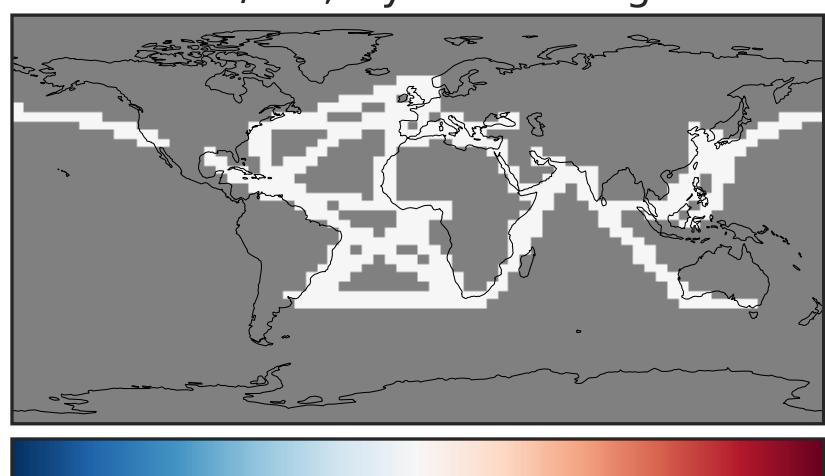
Difference  
Dev - Ref, Dynamic Range



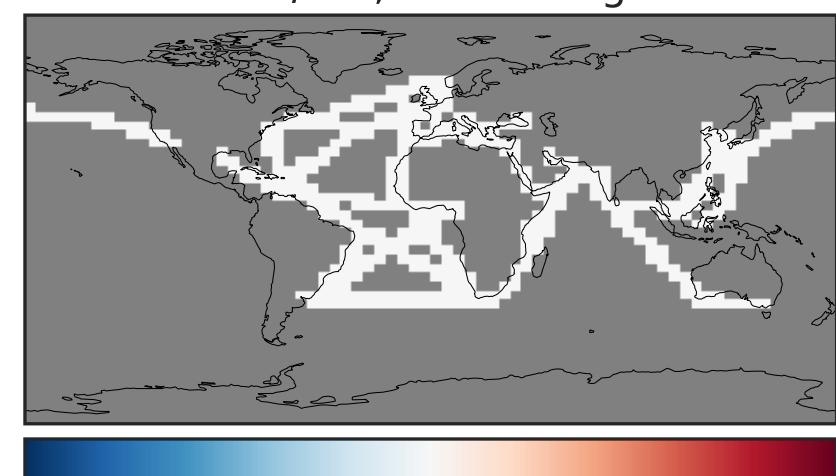
Difference  
Dev - Ref, Restricted Range [5%, 95%]



Ratio  
Dev/Ref, Dynamic Range

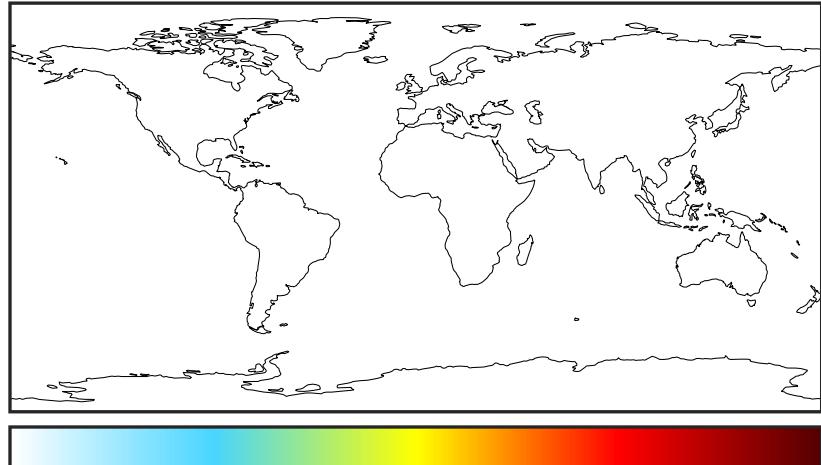


Ratio  
Dev/Ref, Fixed Range



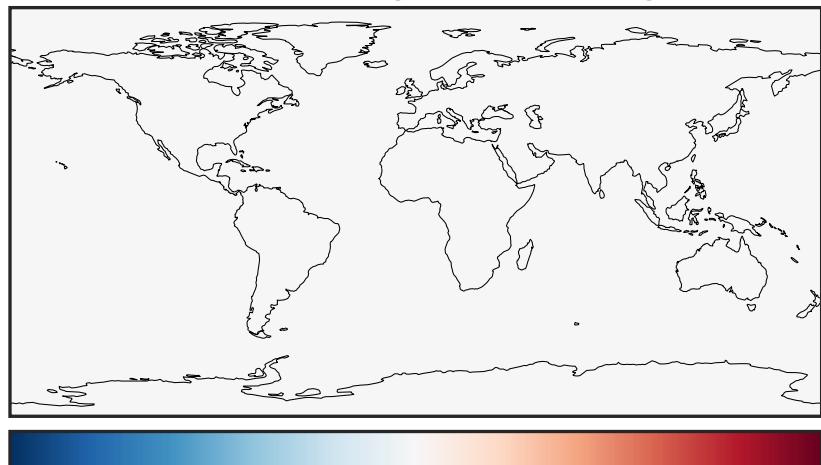
# EmisCH2O\_Ship

gcc-4x5-1Mon-14.2.2 (Ref)  
4.0x5.0



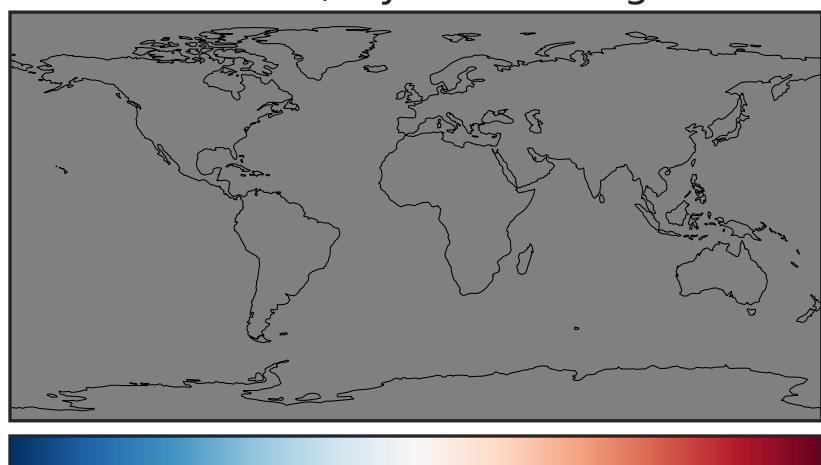
Zero throughout domain  
kg/m<sup>2</sup>/s

Difference  
Dev - Ref, Dynamic Range



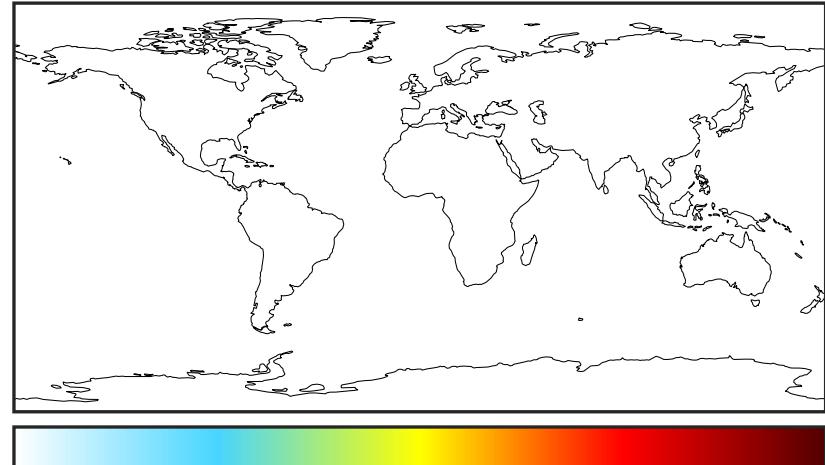
Zero throughout domain  
kg/m<sup>2</sup>/s

Ratio  
Dev/Ref, Dynamic Range



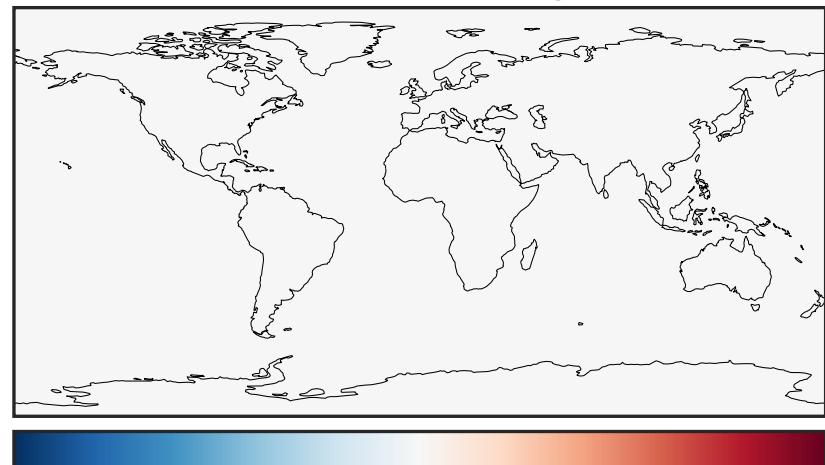
Undefined throughout domain  
unitless

gcc-4x5-1Mon-14.2.3 (Dev)  
4.0x5.0



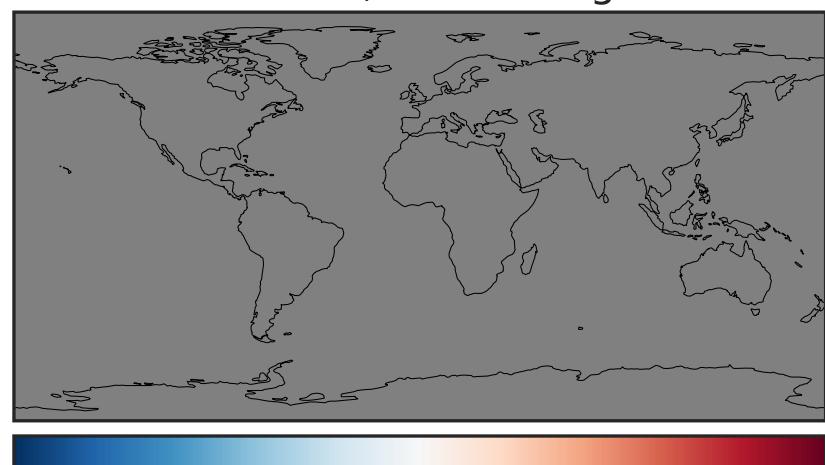
Zero throughout domain  
kg/m<sup>2</sup>/s

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



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

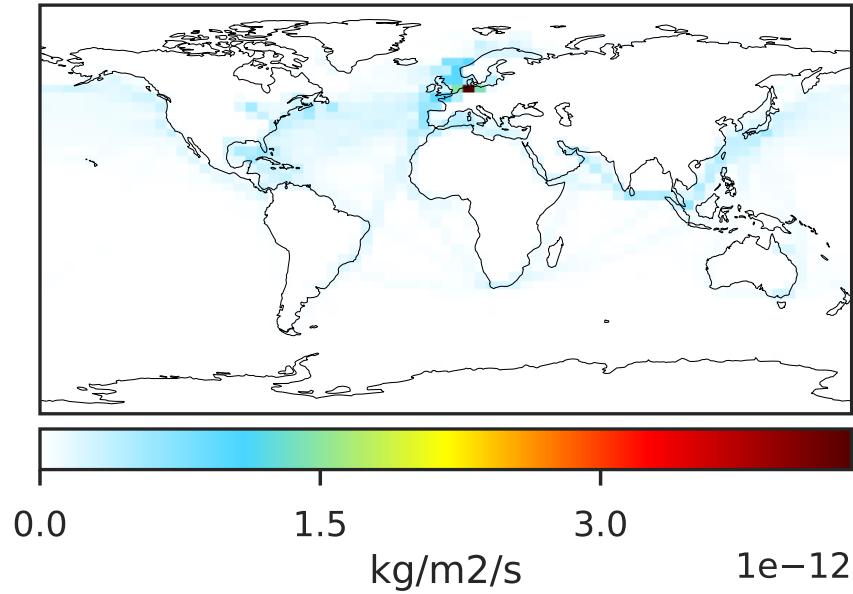
Ratio  
Dev/Ref, Fixed Range



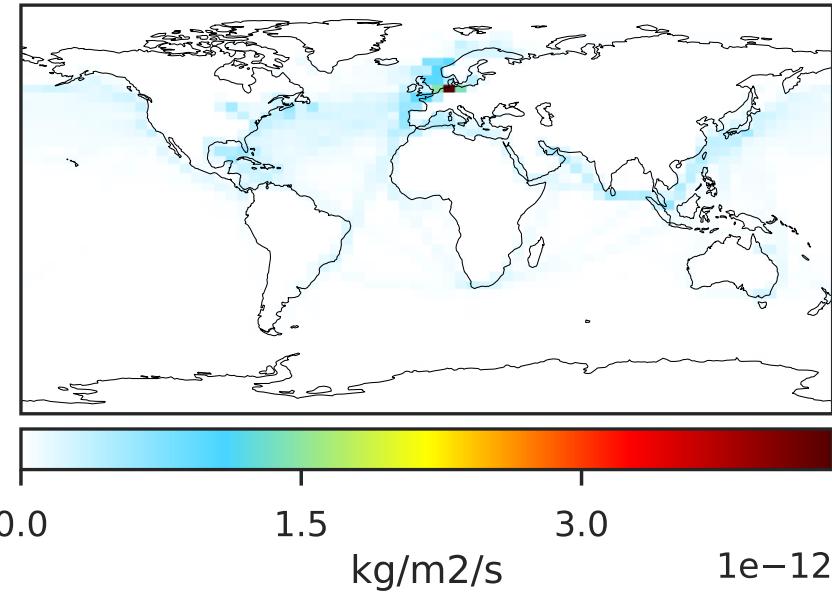
Undefined throughout domain  
unitless

# EmisCO\_Ship

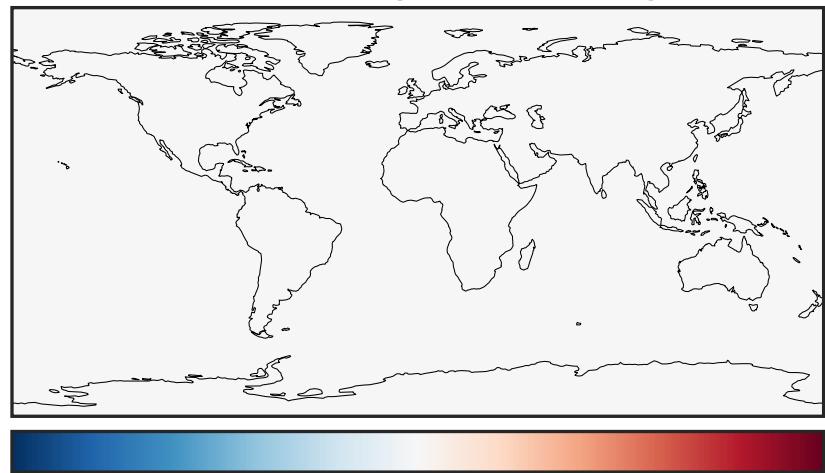
gcc-4x5-1Mon-14.2.2 (Ref)  
4.0x5.0



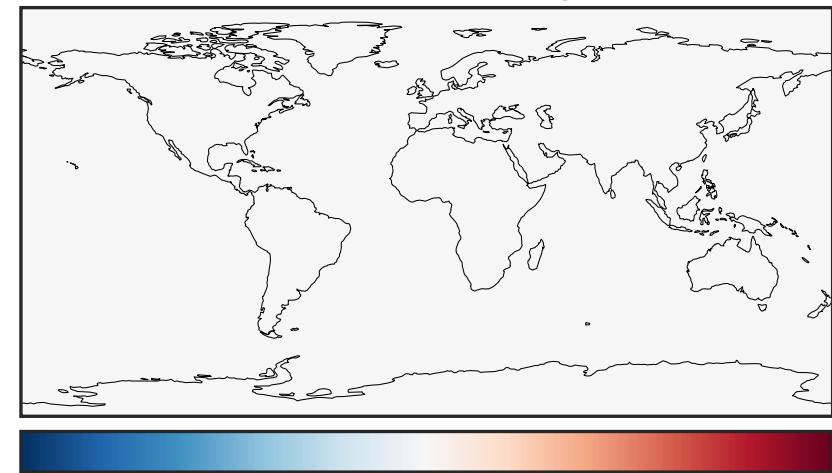
gcc-4x5-1Mon-14.2.3 (Dev)  
4.0x5.0



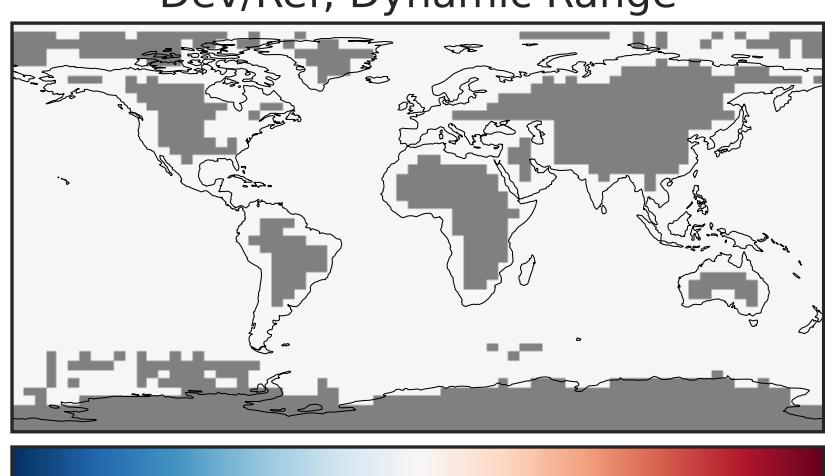
Difference  
Dev - Ref, Dynamic Range



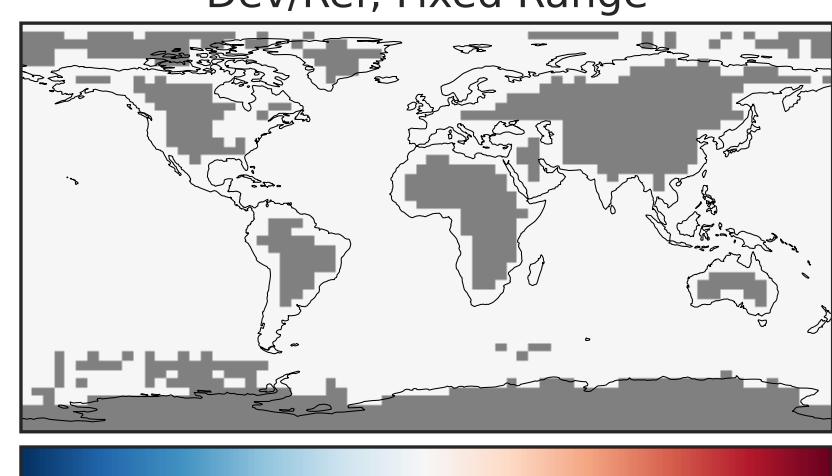
Difference  
Dev - Ref, Restricted Range [5%, 95%]



Ratio  
Dev/Ref, Dynamic Range

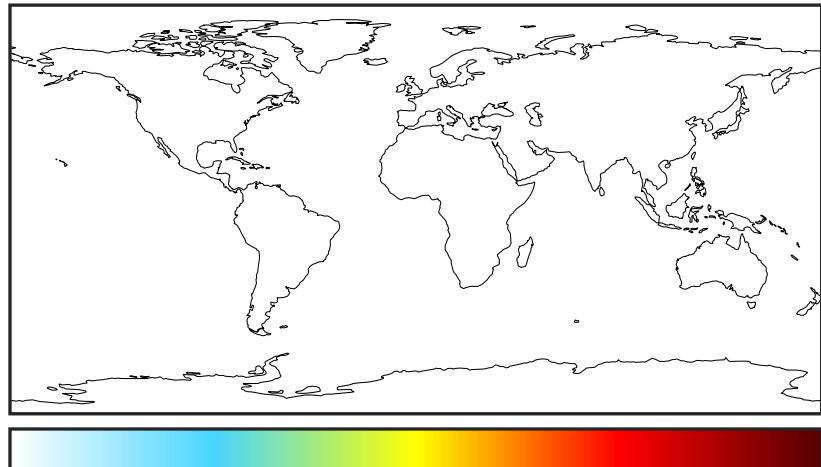


Ratio  
Dev/Ref, Fixed Range



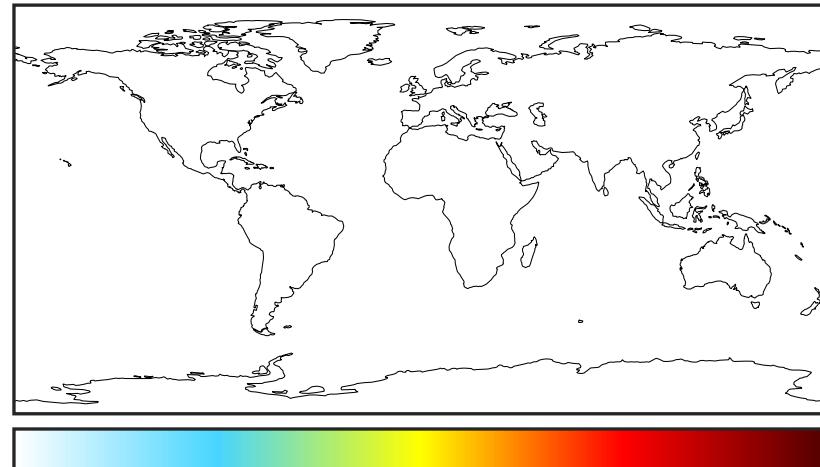
# EmisEOH\_Ship

gcc-4x5-1Mon-14.2.2 (Ref)  
4.0x5.0



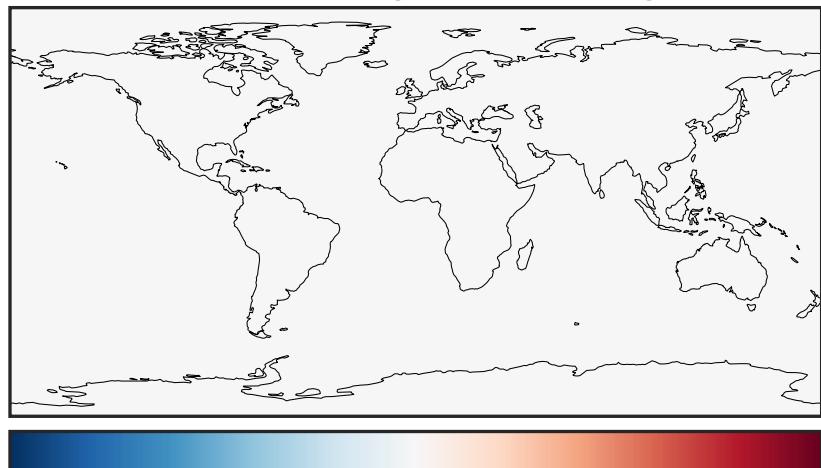
Zero throughout domain  
kg/m<sup>2</sup>/s

gcc-4x5-1Mon-14.2.3 (Dev)  
4.0x5.0



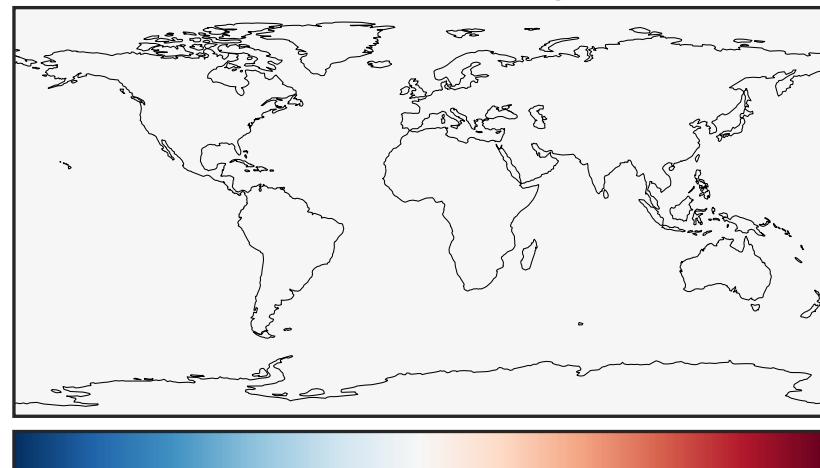
Zero throughout domain  
kg/m<sup>2</sup>/s

Difference  
Dev - Ref, Dynamic Range



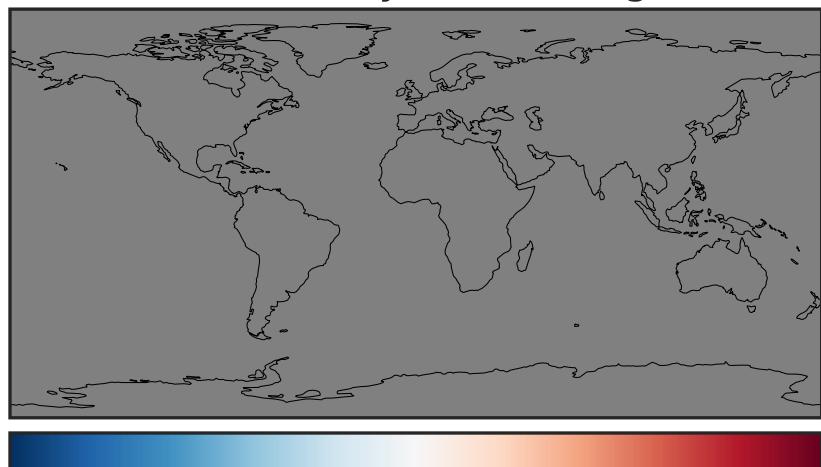
Zero throughout domain  
kg/m<sup>2</sup>/s

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



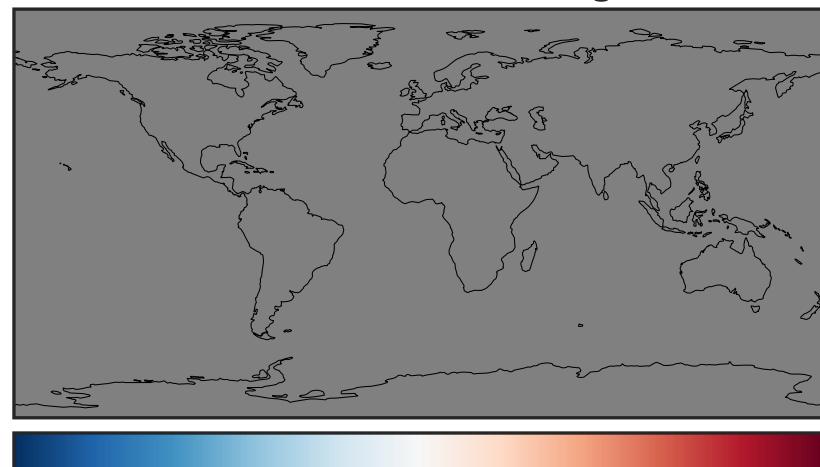
Zero throughout domain  
kg/m<sup>2</sup>/s

Ratio  
Dev/Ref, Dynamic Range



Undefined throughout domain  
unitless

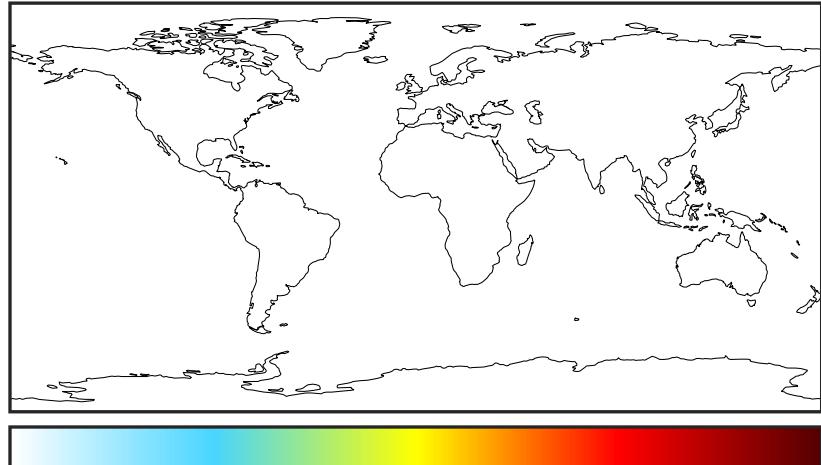
Ratio  
Dev/Ref, Fixed Range



Undefined throughout domain  
unitless

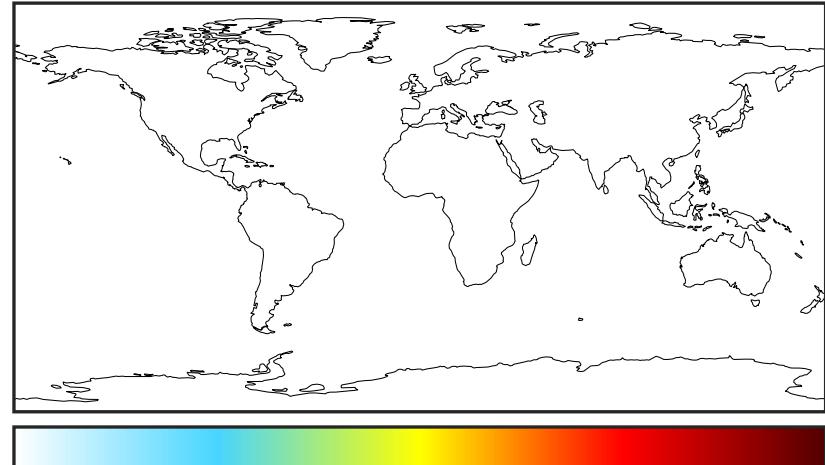
# EmisHCOOH\_Ship

gcc-4x5-1Mon-14.2.2 (Ref)  
4.0x5.0



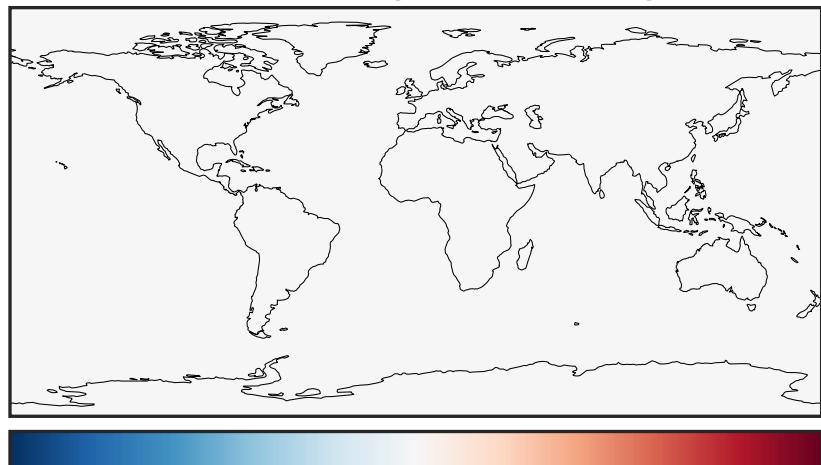
Zero throughout domain  
kg/m<sup>2</sup>/s

gcc-4x5-1Mon-14.2.3 (Dev)  
4.0x5.0



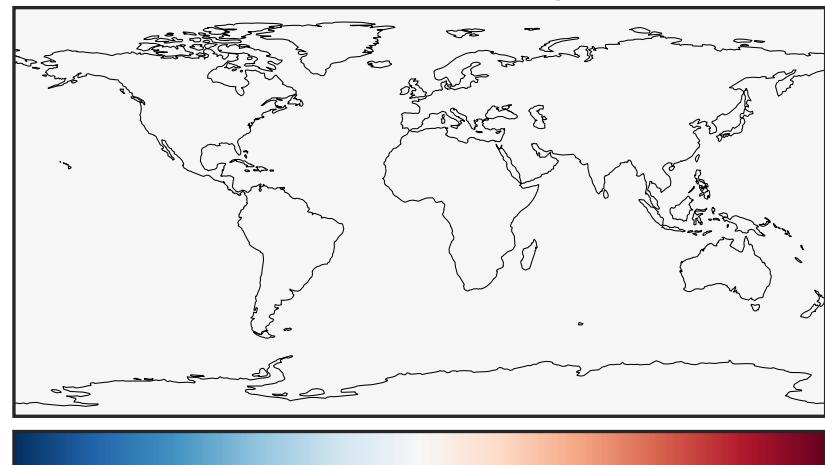
Zero throughout domain  
kg/m<sup>2</sup>/s

Difference  
Dev - Ref, Dynamic Range



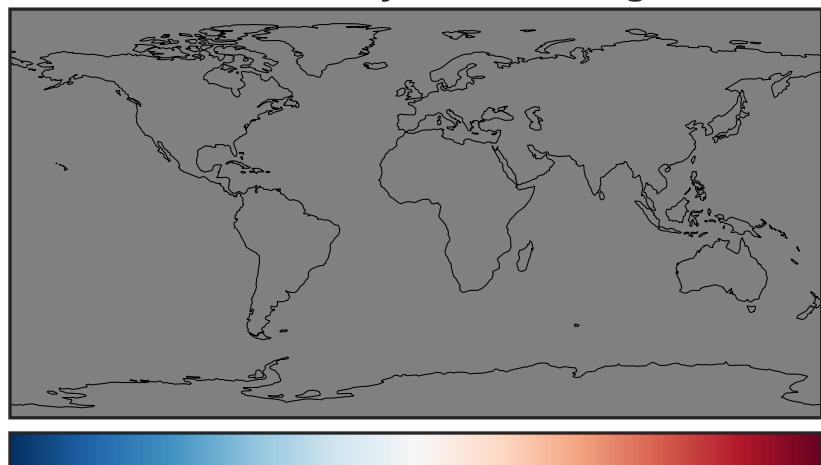
Zero throughout domain  
kg/m<sup>2</sup>/s

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



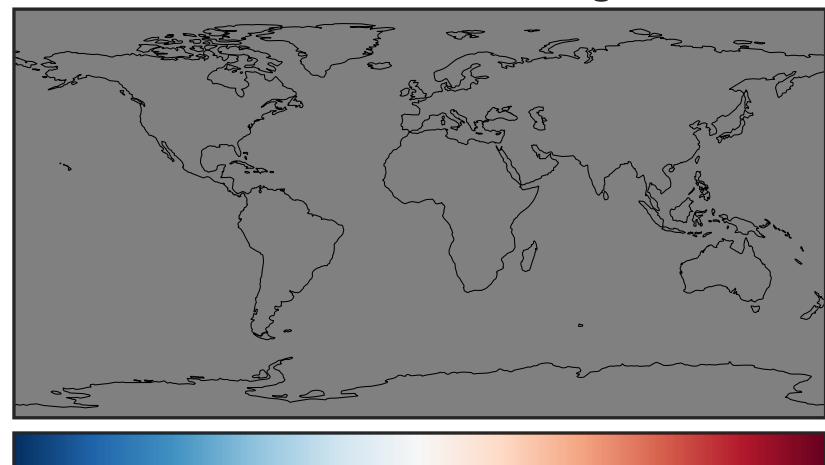
Zero throughout domain  
kg/m<sup>2</sup>/s

Ratio  
Dev/Ref, Dynamic Range



Undefined throughout domain  
unitless

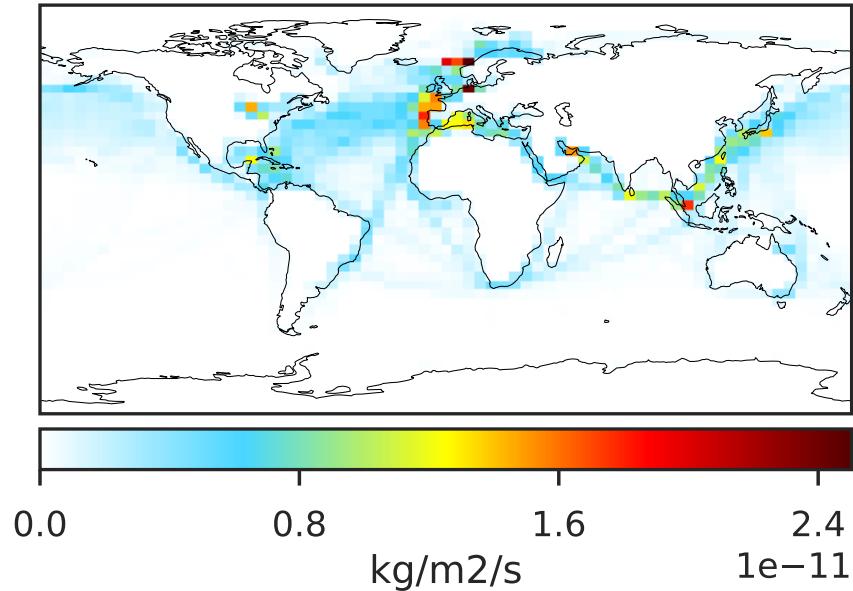
Ratio  
Dev/Ref, Fixed Range



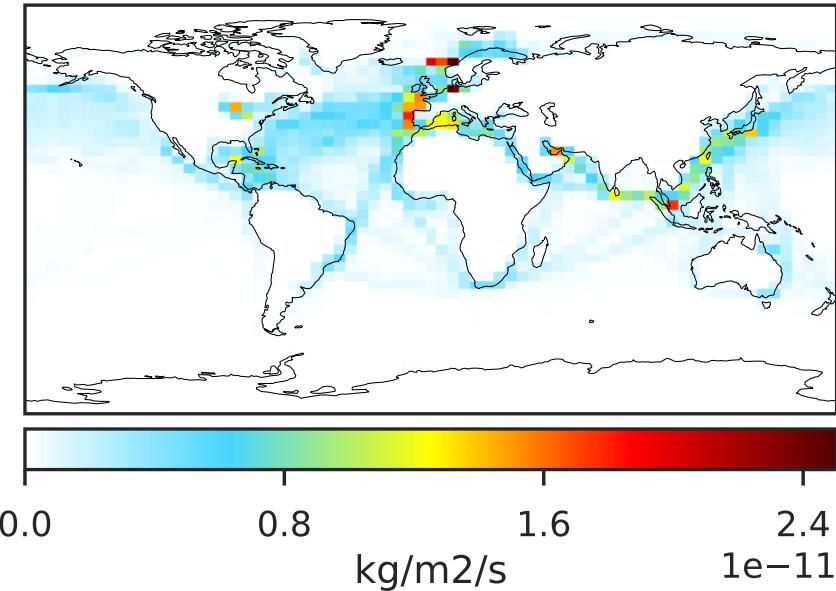
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# EmisHNO3\_Ship

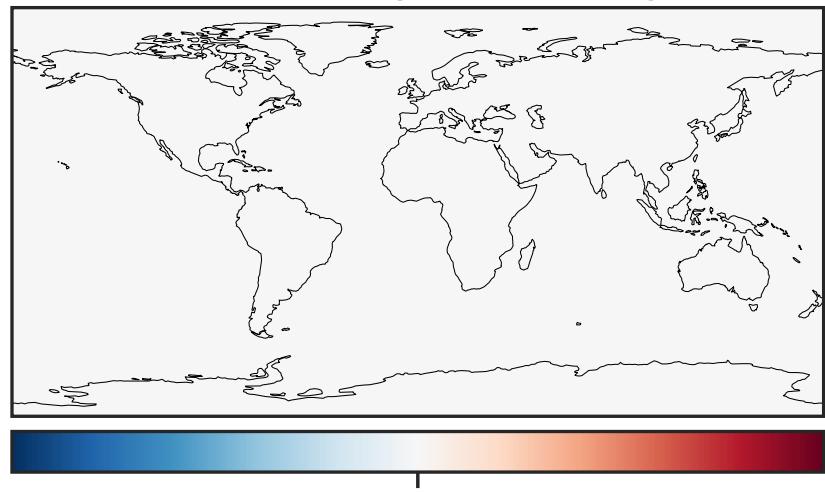
gcc-4x5-1Mon-14.2.2 (Ref)  
4.0x5.0



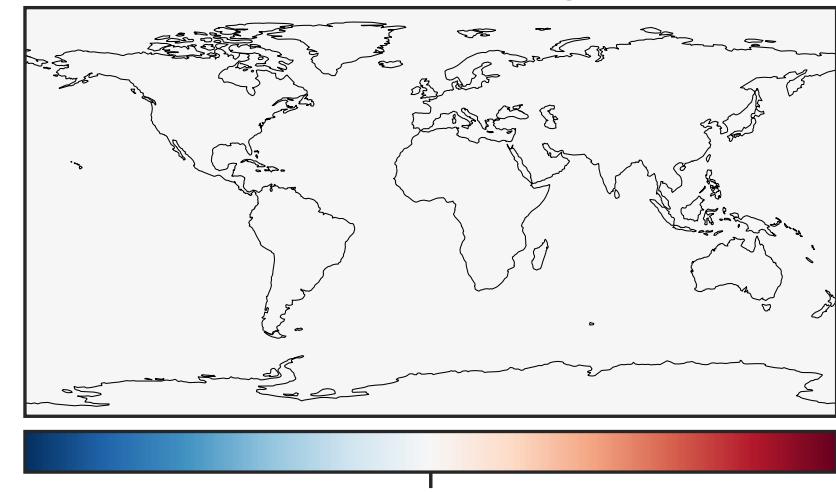
gcc-4x5-1Mon-14.2.3 (Dev)  
4.0x5.0



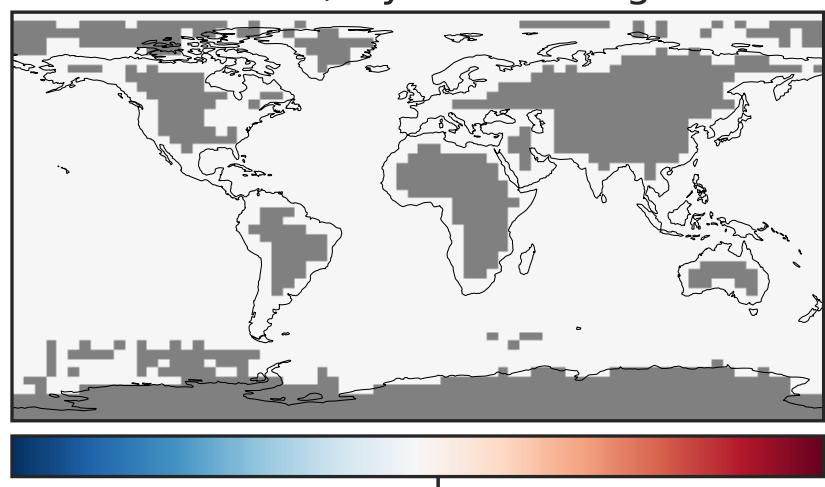
Difference  
Dev - Ref, Dynamic Range



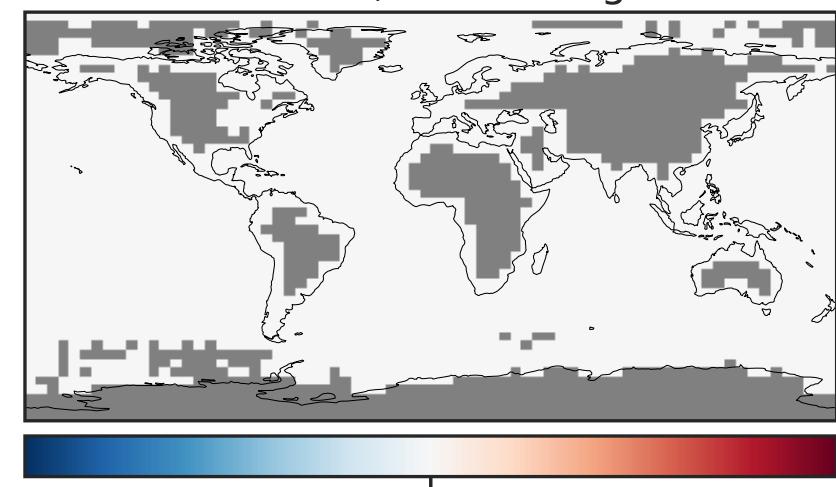
Difference  
Dev - Ref, Restricted Range [5%, 95%]



Ratio  
Dev/Ref, Dynamic Range

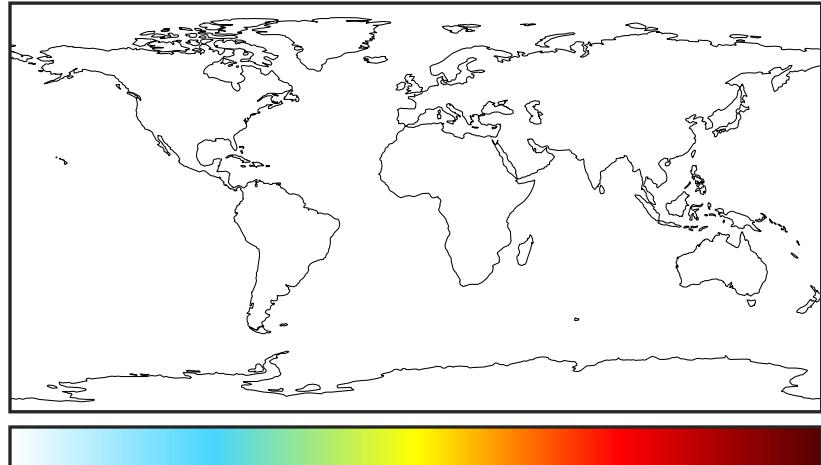


Ratio  
Dev/Ref, Fixed Range



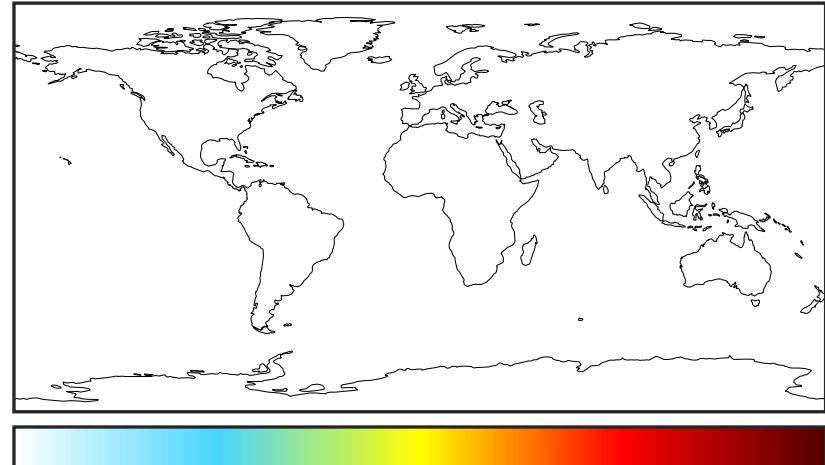
# EmisMEK\_Ship

gcc-4x5-1Mon-14.2.2 (Ref)  
4.0x5.0



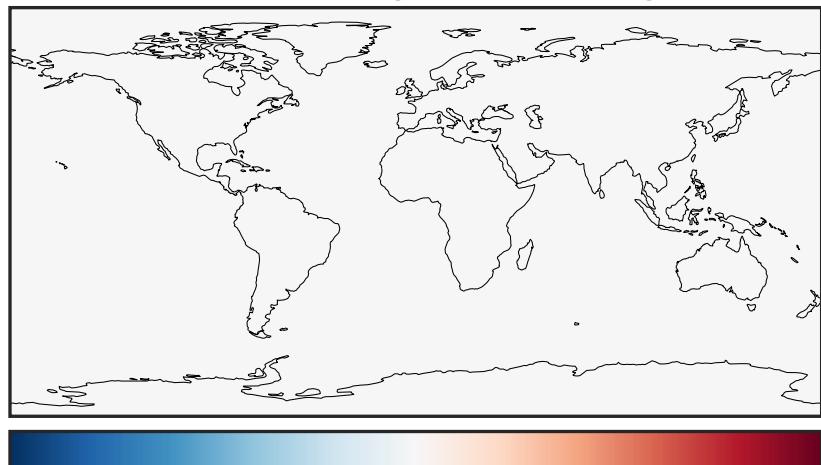
Zero throughout domain  
kg/m<sup>2</sup>/s

gcc-4x5-1Mon-14.2.3 (Dev)  
4.0x5.0



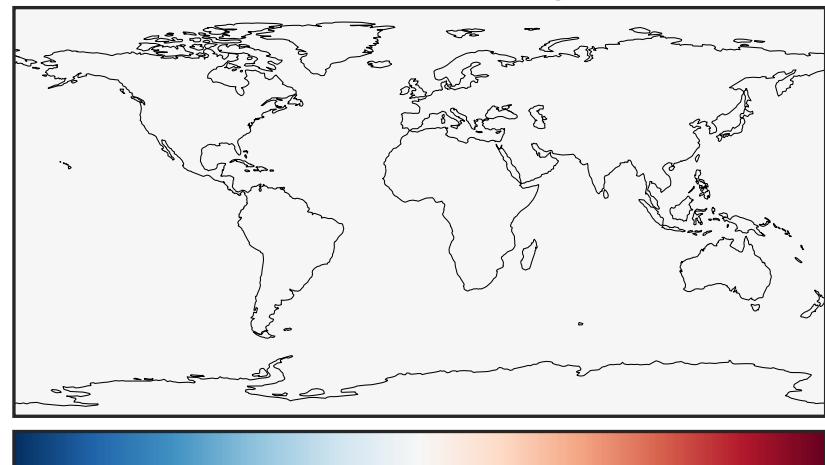
Zero throughout domain  
kg/m<sup>2</sup>/s

Difference  
Dev - Ref, Dynamic Range



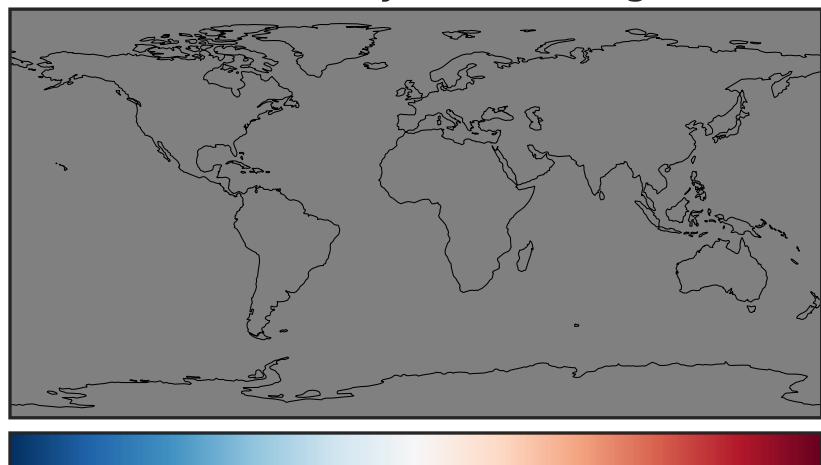
Zero throughout domain  
kg/m<sup>2</sup>/s

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



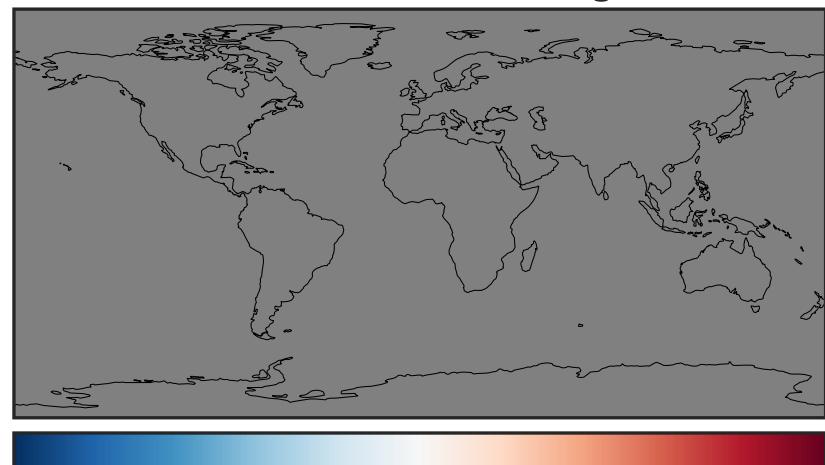
Zero throughout domain  
kg/m<sup>2</sup>/s

Ratio  
Dev/Ref, Dynamic Range



Undefined throughout domain  
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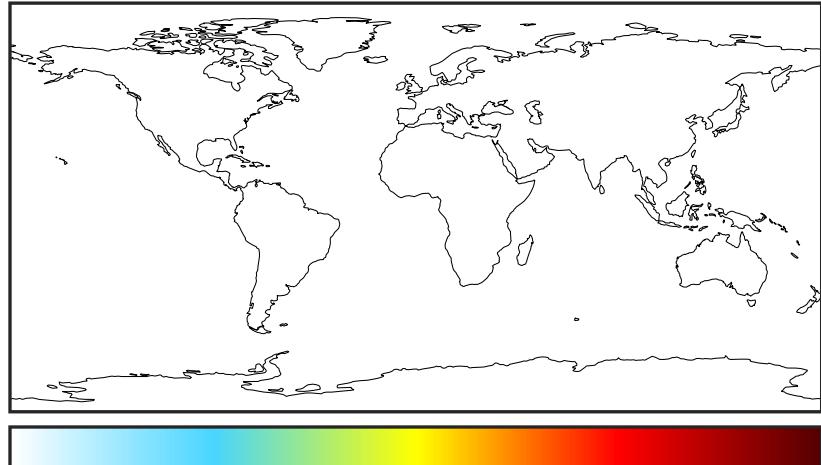
Ratio  
Dev/Ref, Fixed Range



Undefined throughout domain  
unitless

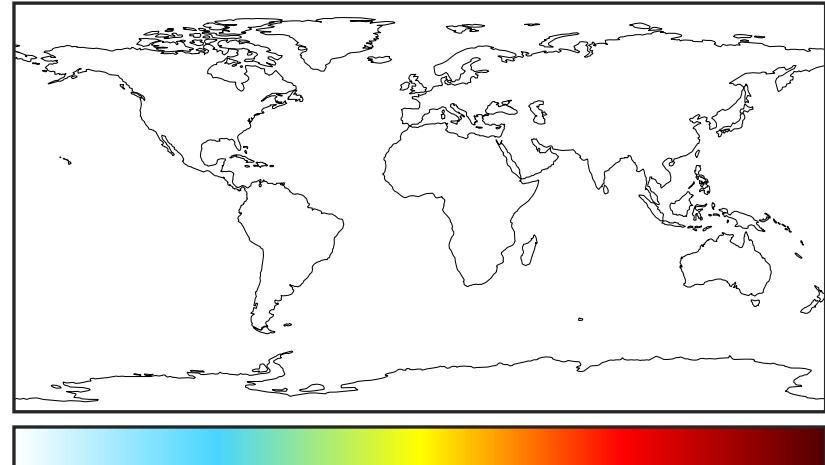
# EmisMOH\_Ship

gcc-4x5-1Mon-14.2.2 (Ref)  
4.0x5.0



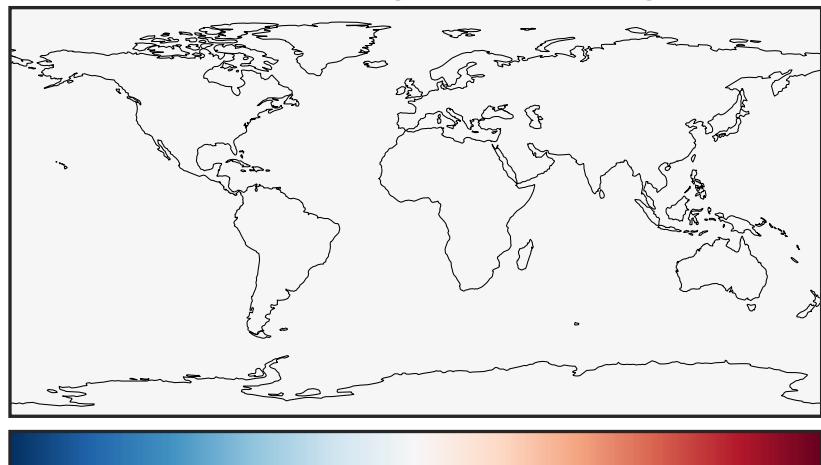
Zero throughout domain  
kg/m<sup>2</sup>/s

gcc-4x5-1Mon-14.2.3 (Dev)  
4.0x5.0



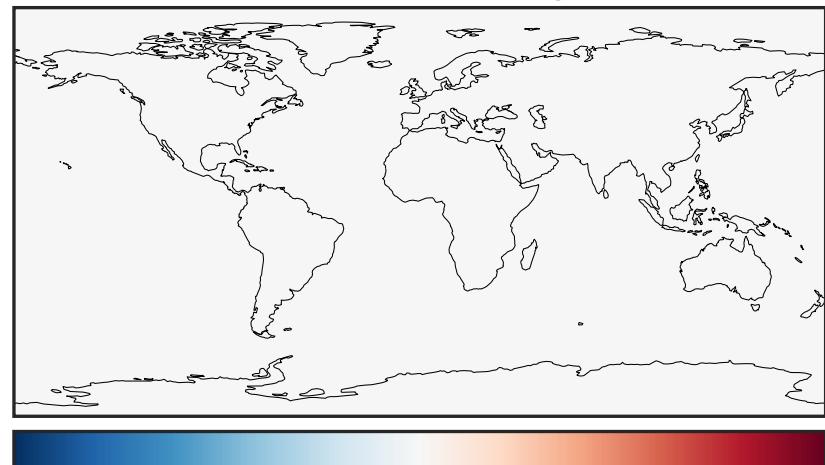
Zero throughout domain  
kg/m<sup>2</sup>/s

Difference  
Dev - Ref, Dynamic Range



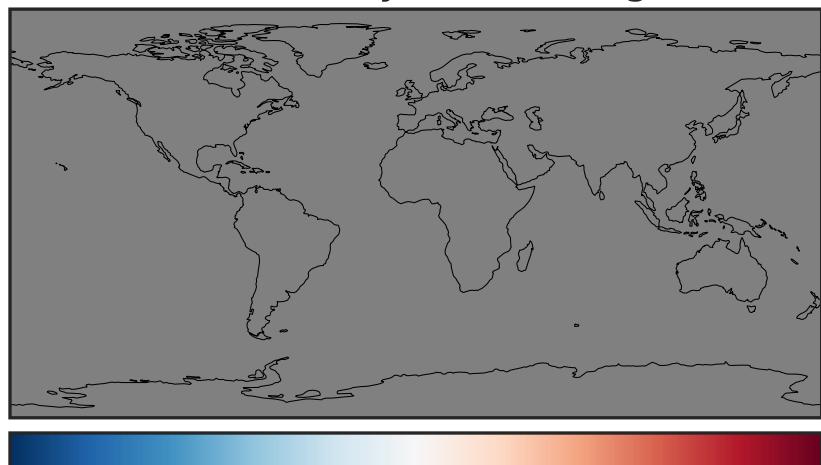
Zero throughout domain  
kg/m<sup>2</sup>/s

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



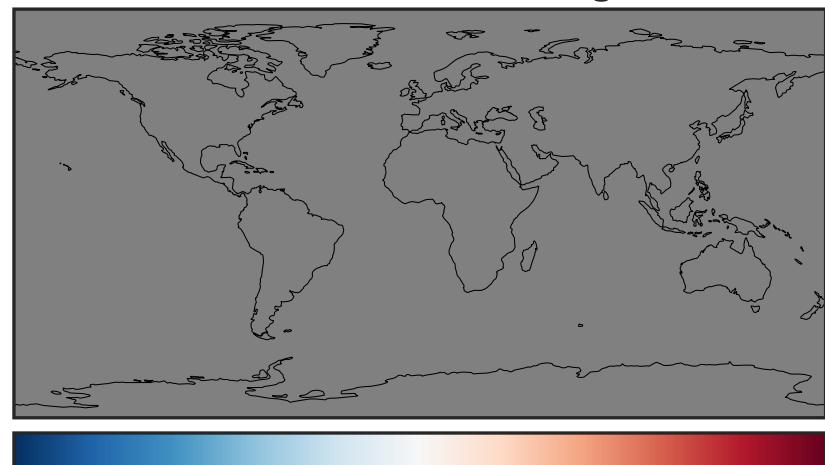
Zero throughout domain  
kg/m<sup>2</sup>/s

Ratio  
Dev/Ref, Dynamic Range



Undefined throughout domain  
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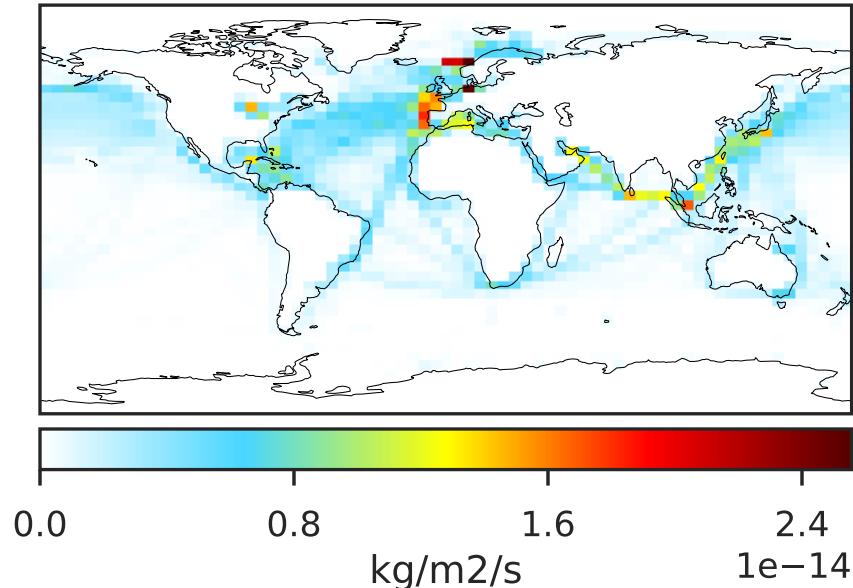
Ratio  
Dev/Ref, Fixed Range



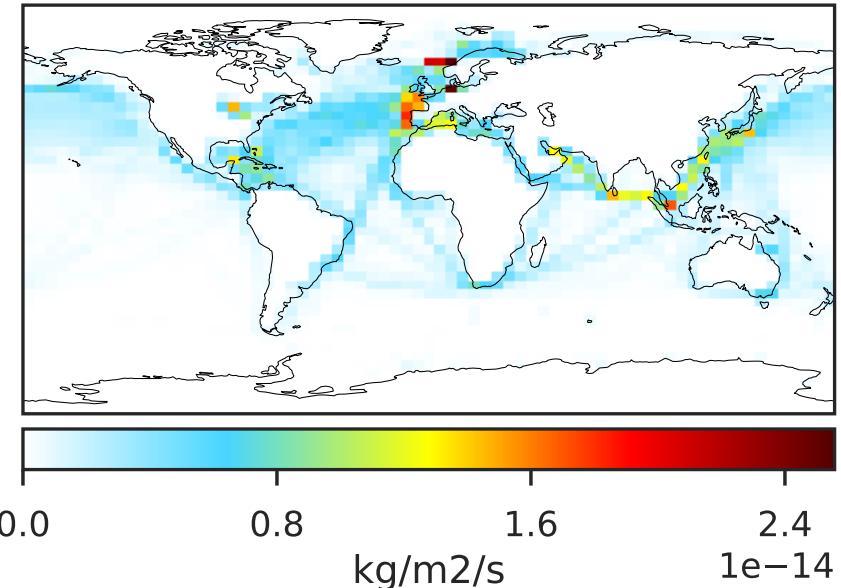
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# EmisNH3\_Ship

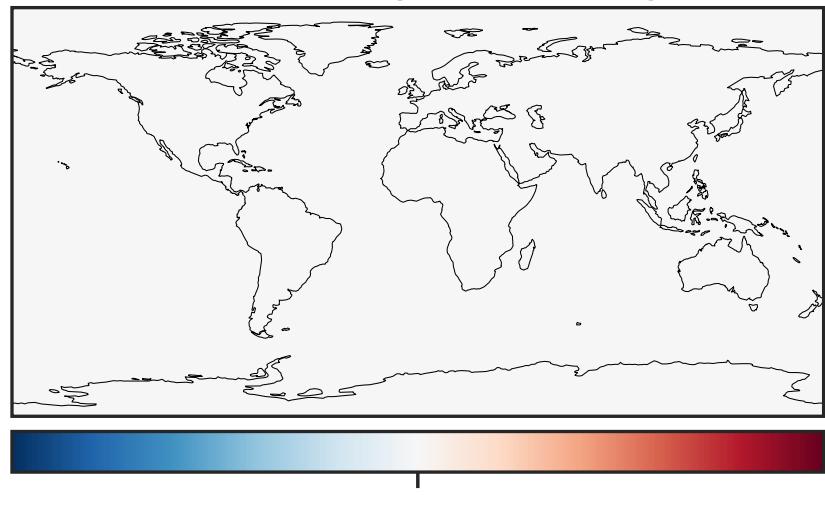
gcc-4x5-1Mon-14.2.2 (Ref)  
4.0x5.0



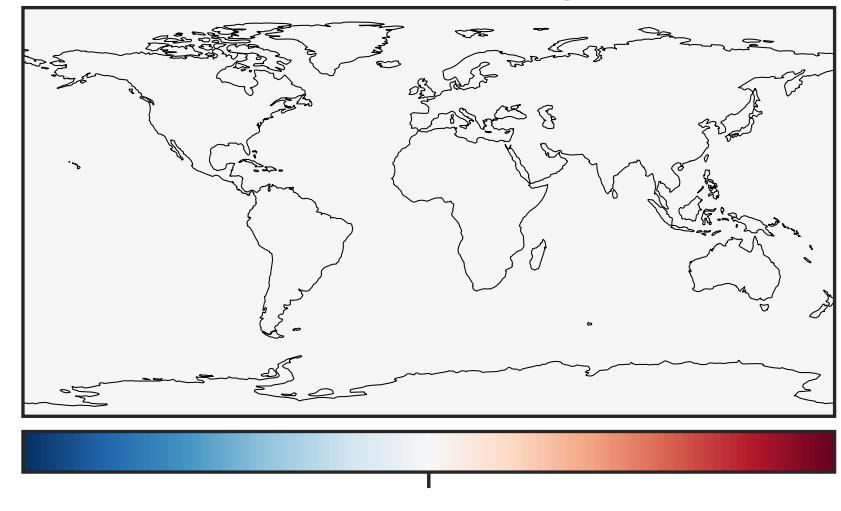
gcc-4x5-1Mon-14.2.3 (Dev)  
4.0x5.0



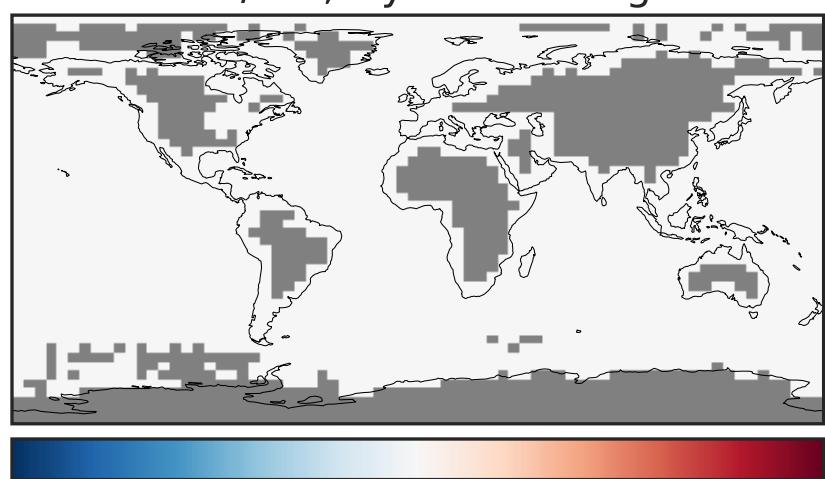
Difference  
Dev - Ref, Dynamic Range



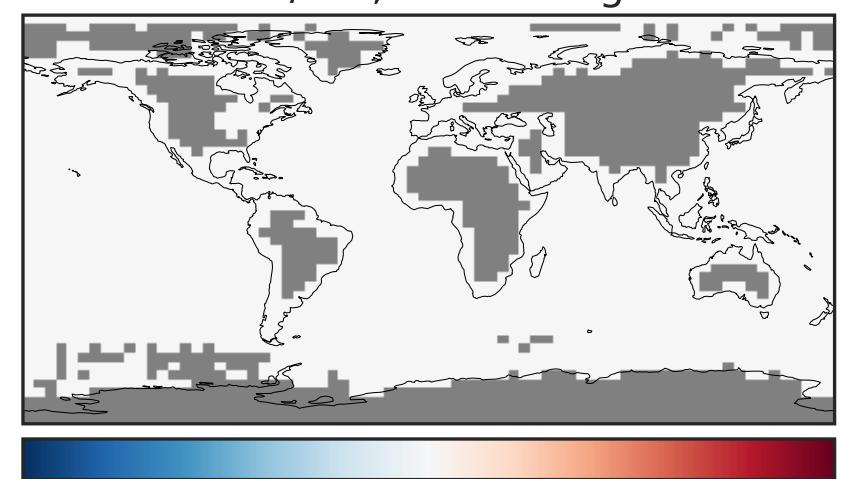
Difference  
Dev - Ref, Restricted Range [5%, 95%]



Ratio  
Dev/Ref, Dynamic Range

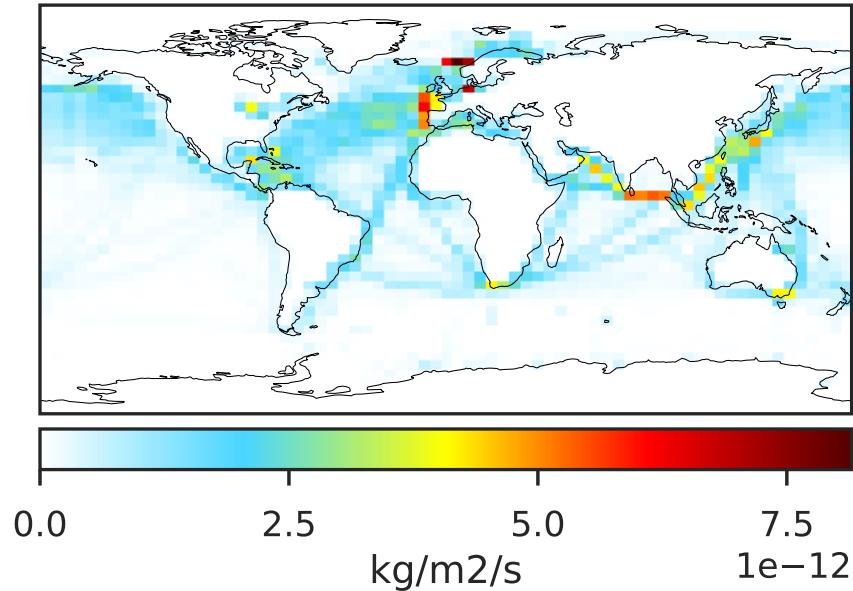


Ratio  
Dev/Ref, Fixed Range

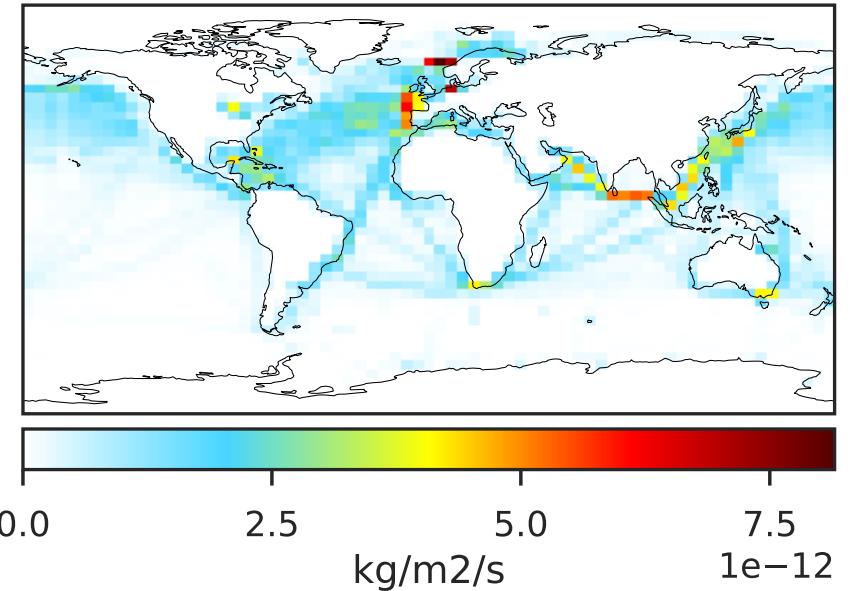


# EmisNO2\_Ship

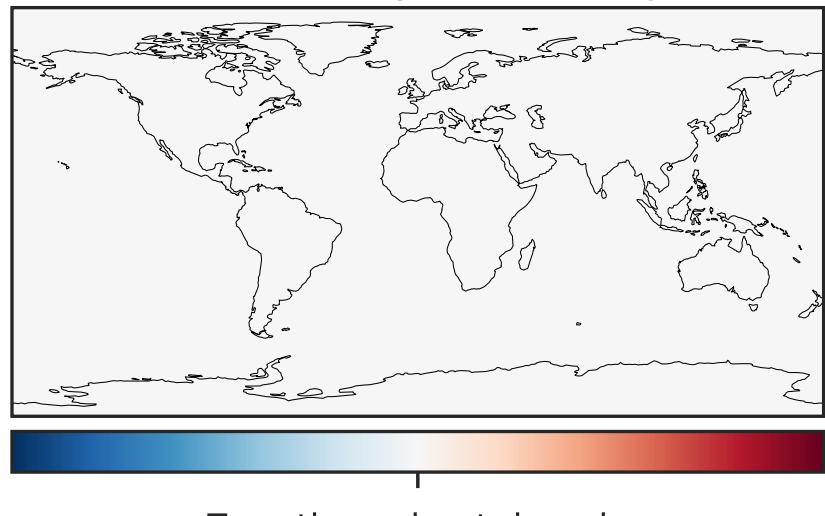
gcc-4x5-1Mon-14.2.2 (Ref)  
4.0x5.0



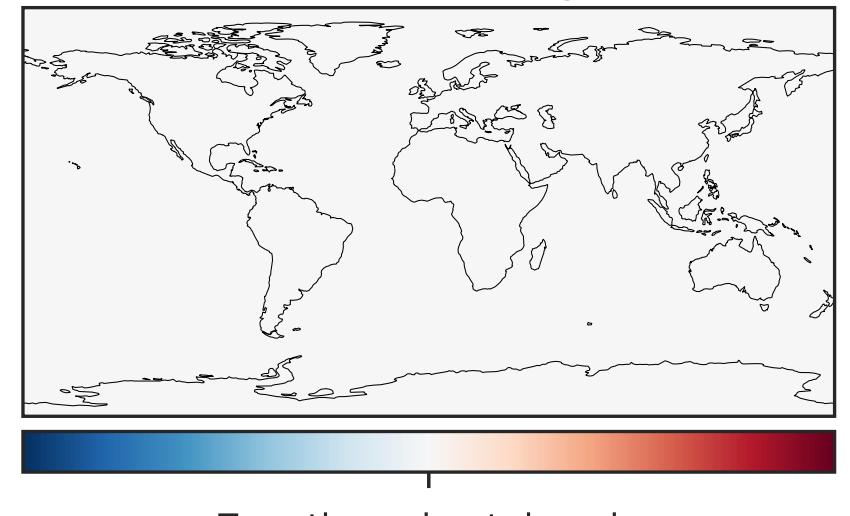
gcc-4x5-1Mon-14.2.3 (Dev)  
4.0x5.0



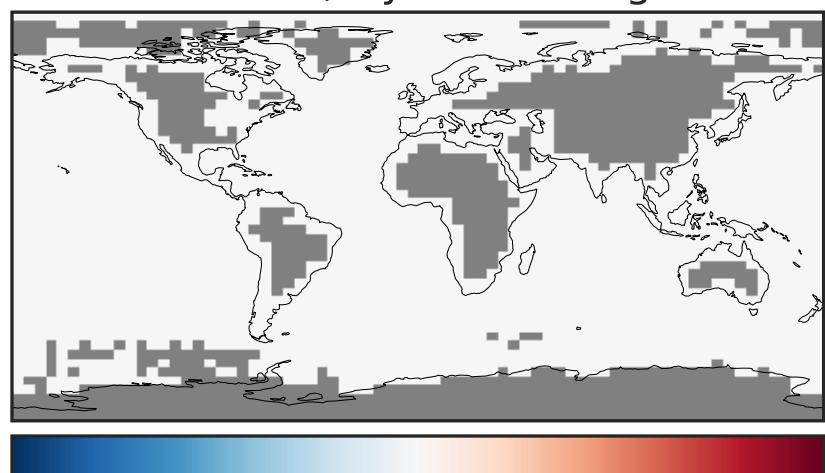
Difference  
Dev - Ref, Dynamic Range



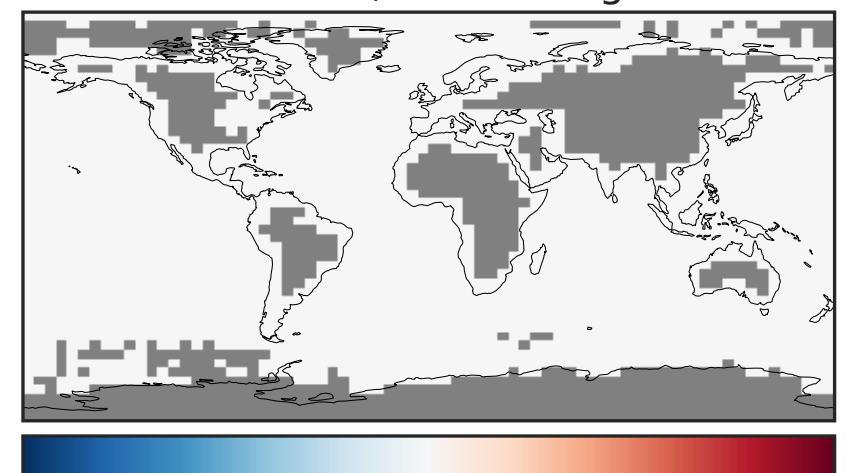
Difference  
Dev - Ref, Restricted Range [5%, 95%]



Ratio  
Dev/Ref, Dynamic Range

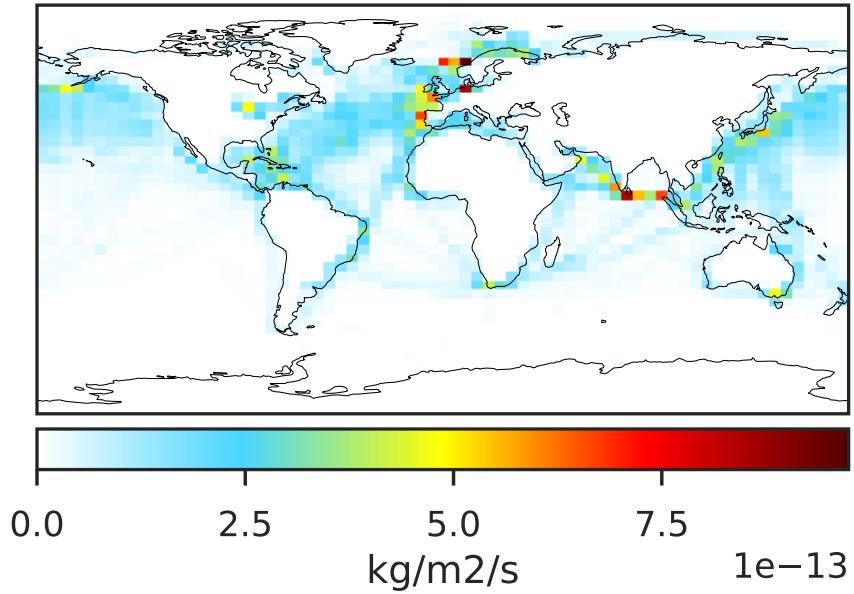


Ratio  
Dev/Ref, Fixed Range

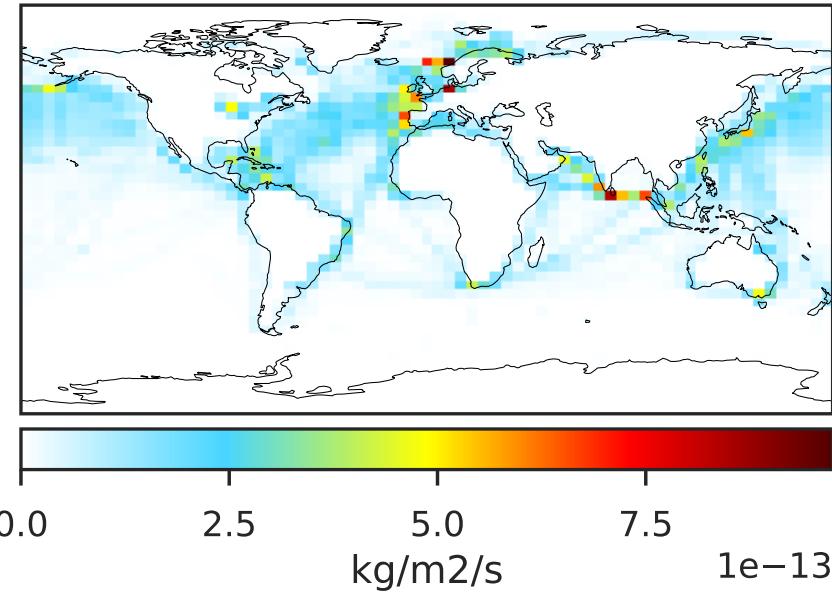


# EmisNO\_Ship

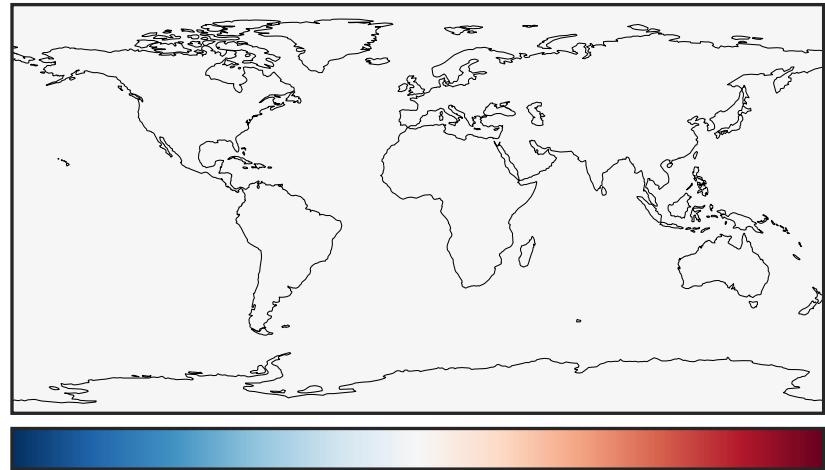
gcc-4x5-1Mon-14.2.2 (Ref)  
4.0x5.0



gcc-4x5-1Mon-14.2.3 (Dev)  
4.0x5.0

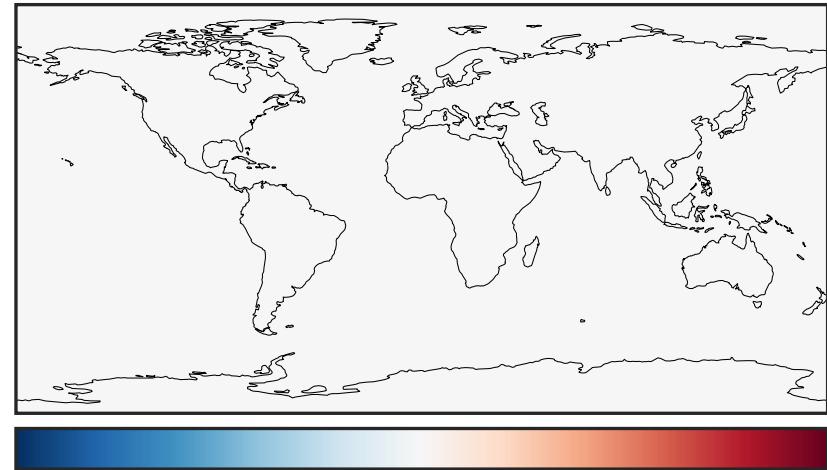


Difference  
Dev - Ref, Dynamic Range



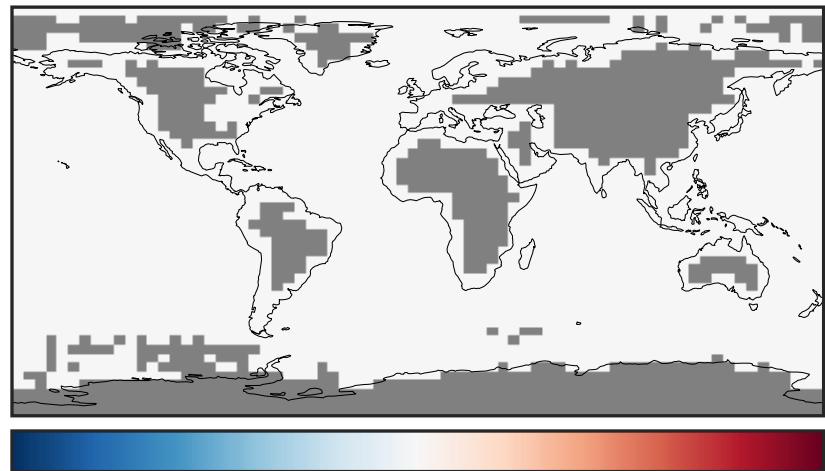
Zero throughout domain  
kg/m<sup>2</sup>/s

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



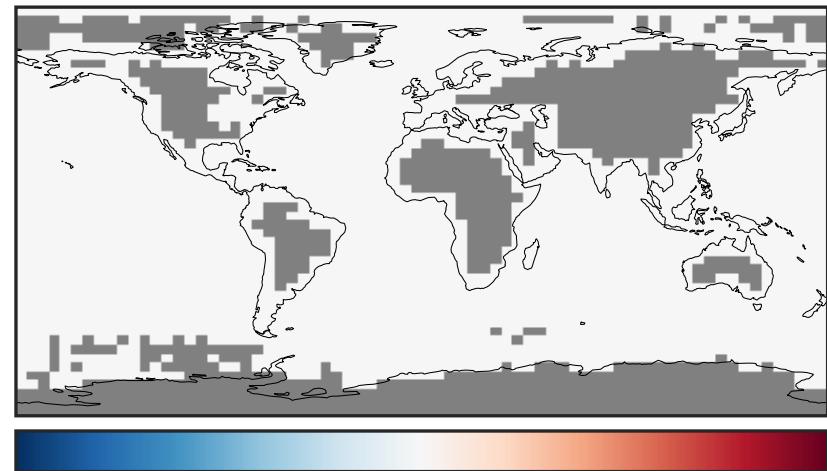
Zero throughout domain  
kg/m<sup>2</sup>/s

Ratio  
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain  
unitless

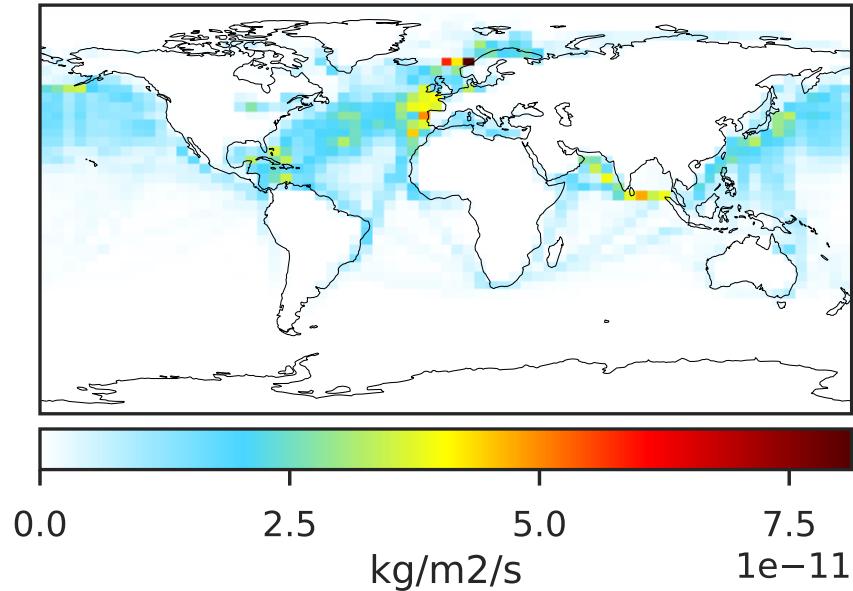
Ratio  
Dev/Ref, Fixed Range



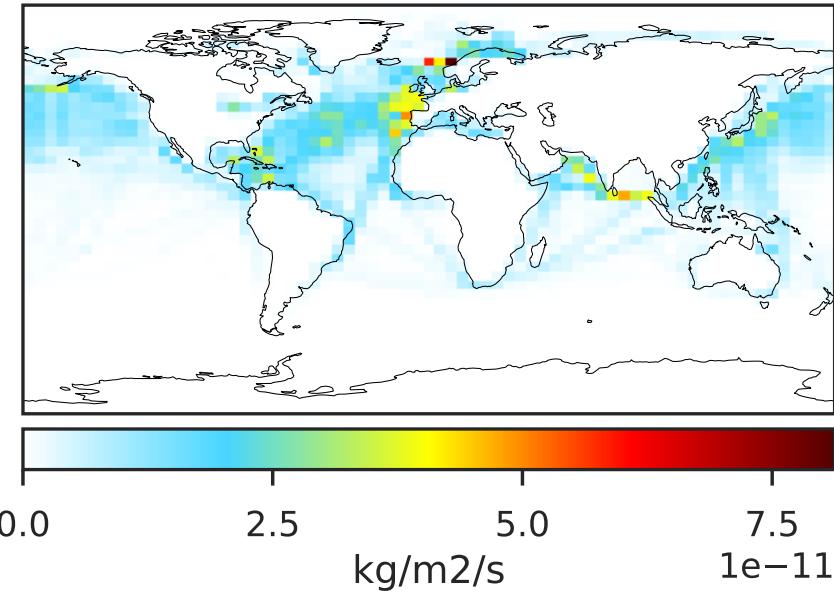
Ref and Dev equal throughout domain  
unitless

# EmisO3\_Ship

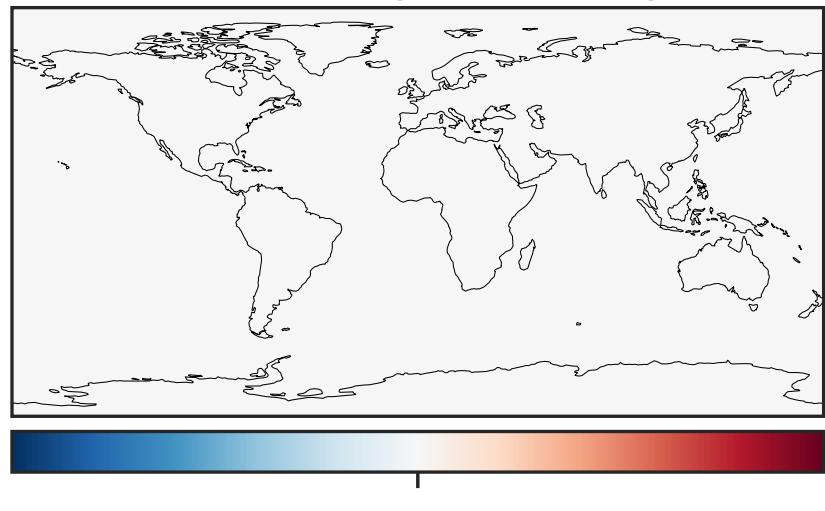
gcc-4x5-1Mon-14.2.2 (Ref)  
4.0x5.0



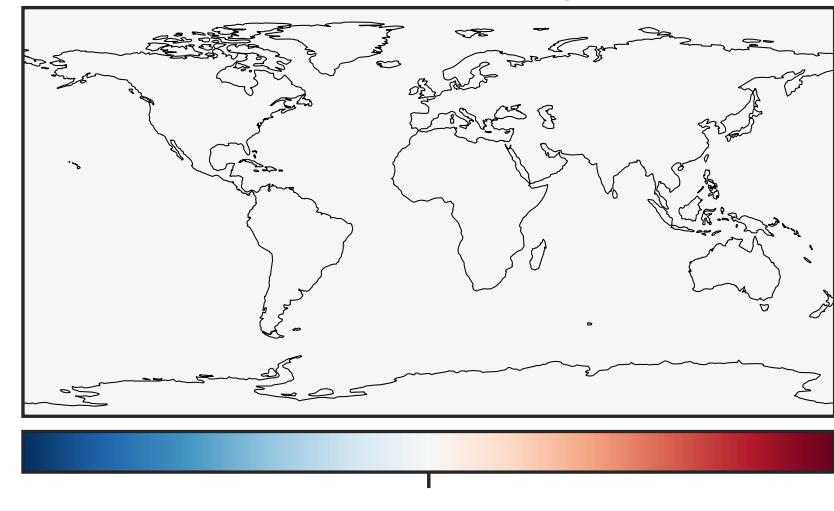
gcc-4x5-1Mon-14.2.3 (Dev)  
4.0x5.0



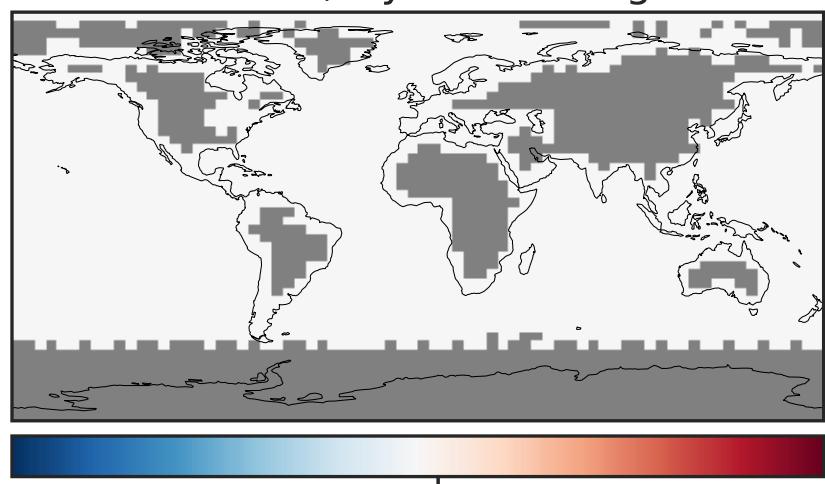
Difference  
Dev - Ref, Dynamic Range



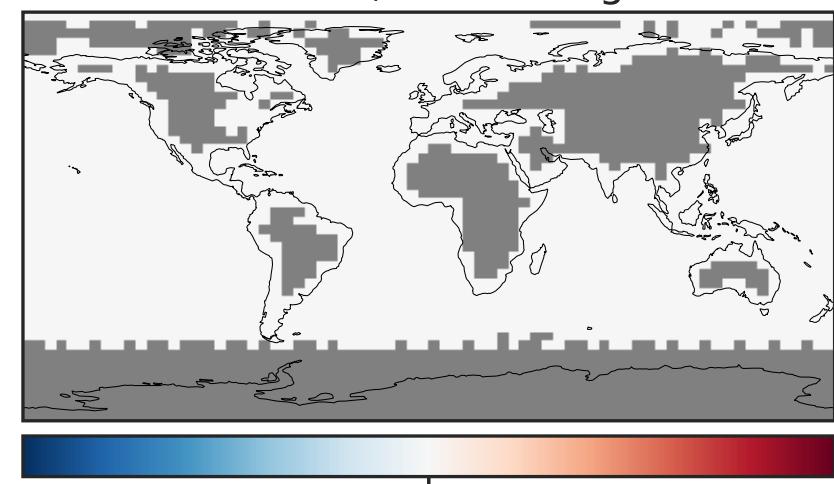
Difference  
Dev - Ref, Restricted Range [5%, 95%]



Ratio  
Dev/Ref, Dynamic Range

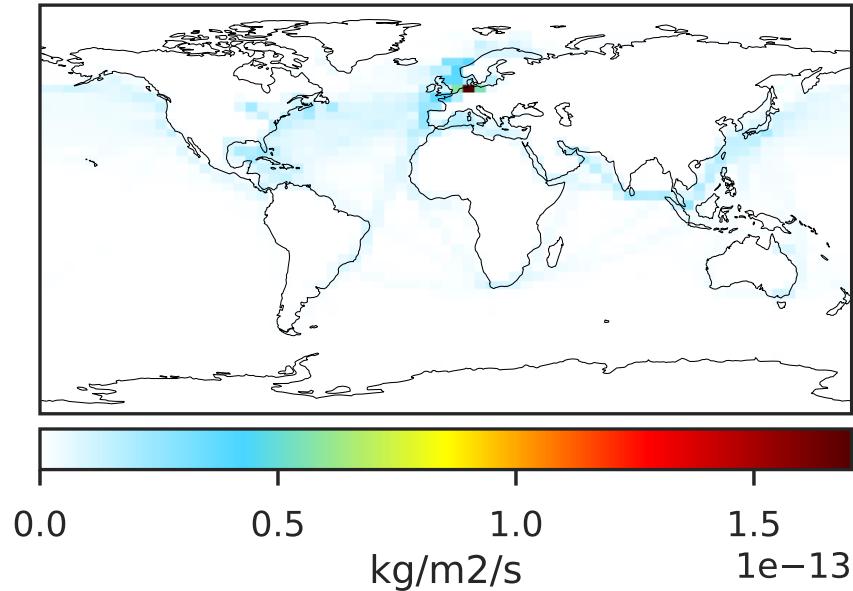


Ratio  
Dev/Ref, Fixed Range

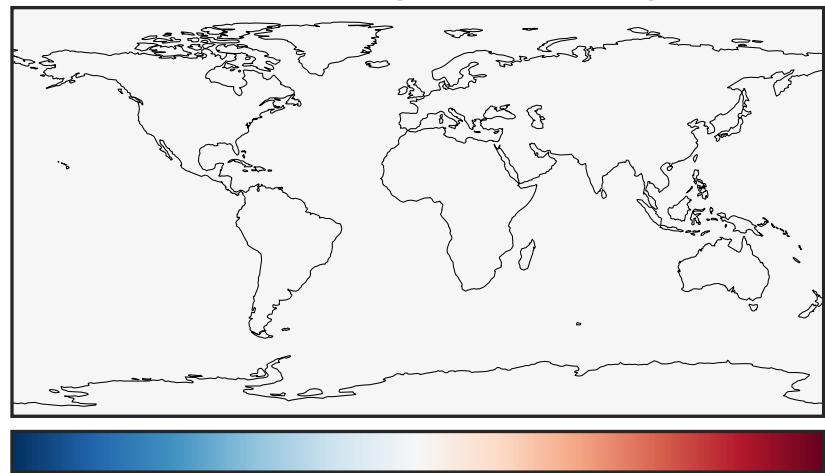


# EmisOCPI\_Ship

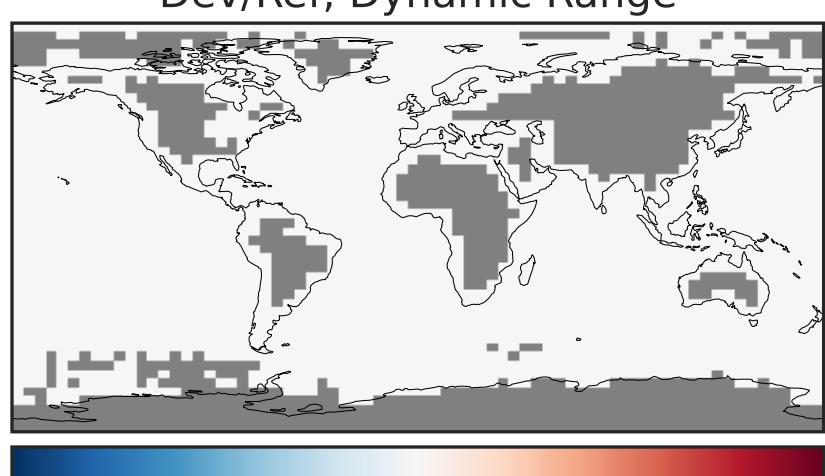
gcc-4x5-1Mon-14.2.2 (Ref)  
4.0x5.0



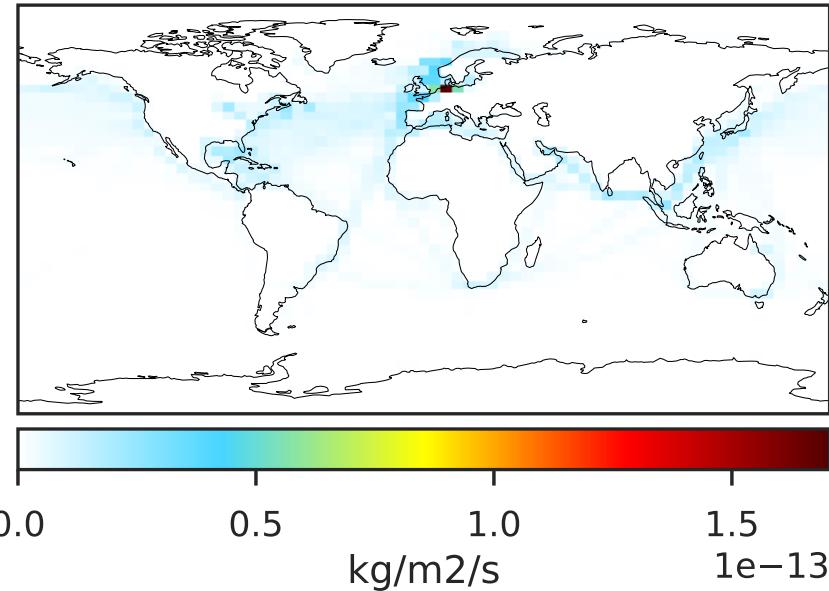
Difference  
Dev - Ref, Dynamic Range



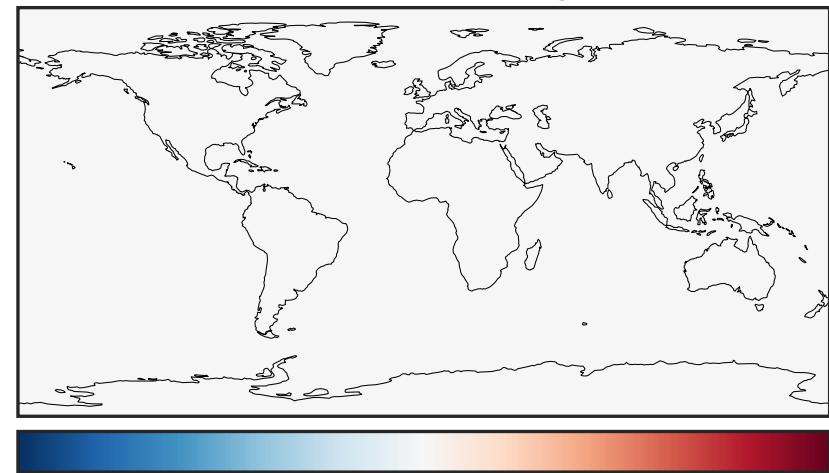
Ratio  
Dev/Ref, Dynamic Range



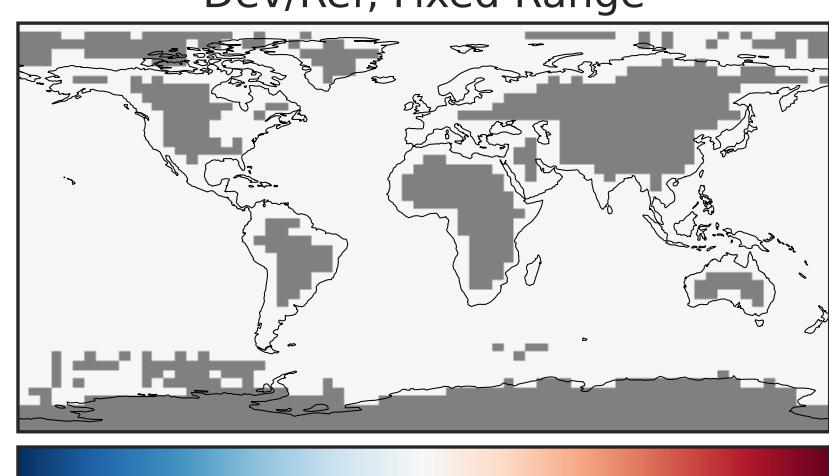
gcc-4x5-1Mon-14.2.3 (Dev)  
4.0x5.0



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

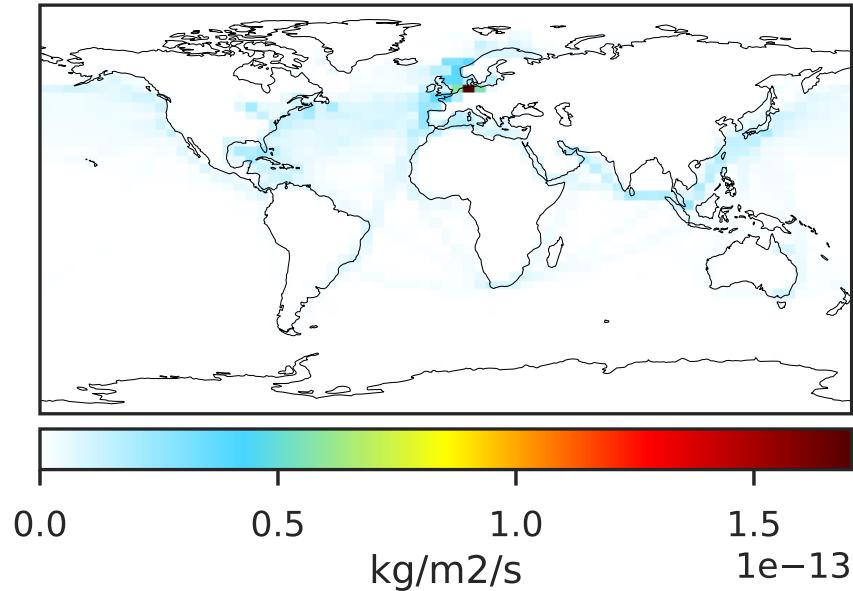


Ratio  
Dev/Ref, Fixed Range

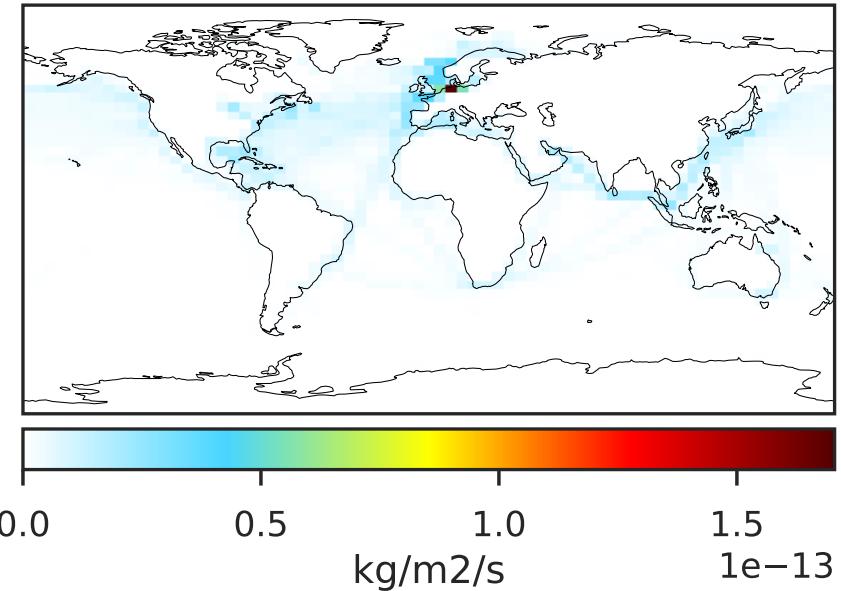


# EmisOCPO\_Ship

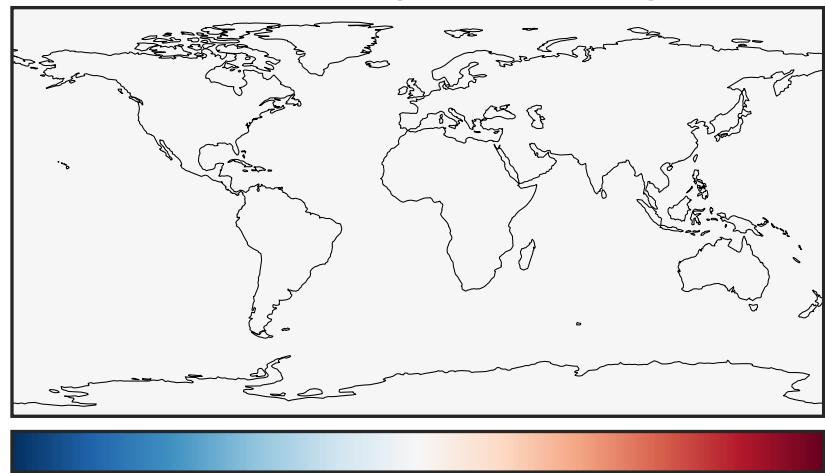
gcc-4x5-1Mon-14.2.2 (Ref)  
4.0x5.0



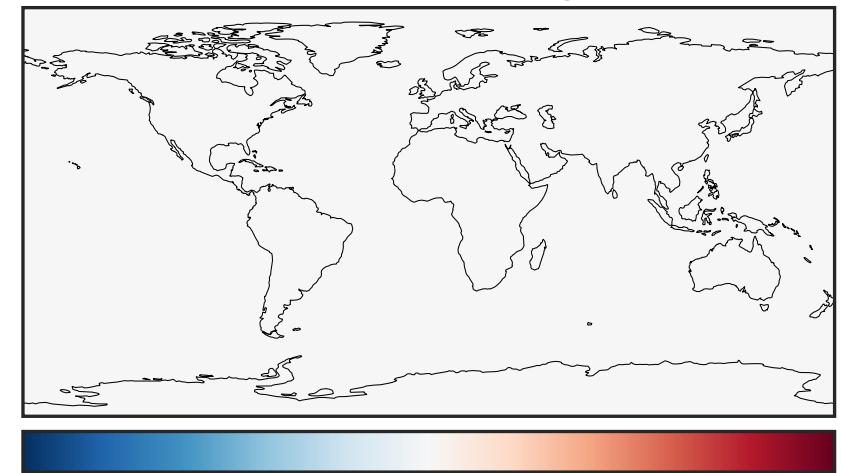
gcc-4x5-1Mon-14.2.3 (Dev)  
4.0x5.0



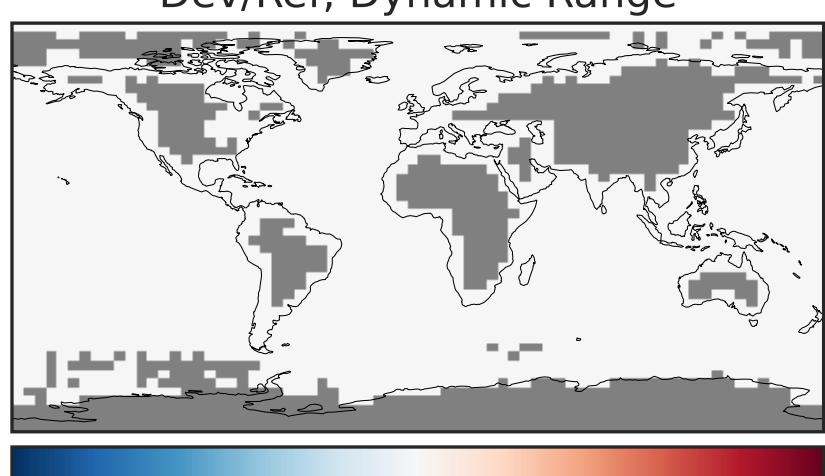
Difference  
Dev - Ref, Dynamic Range



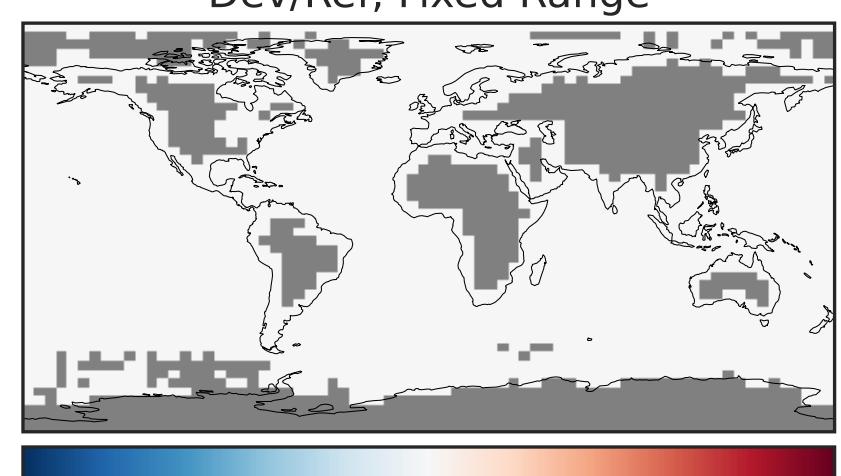
Difference  
Dev - Ref, Restricted Range [5%, 95%]



Ratio  
Dev/Ref, Dynamic Range

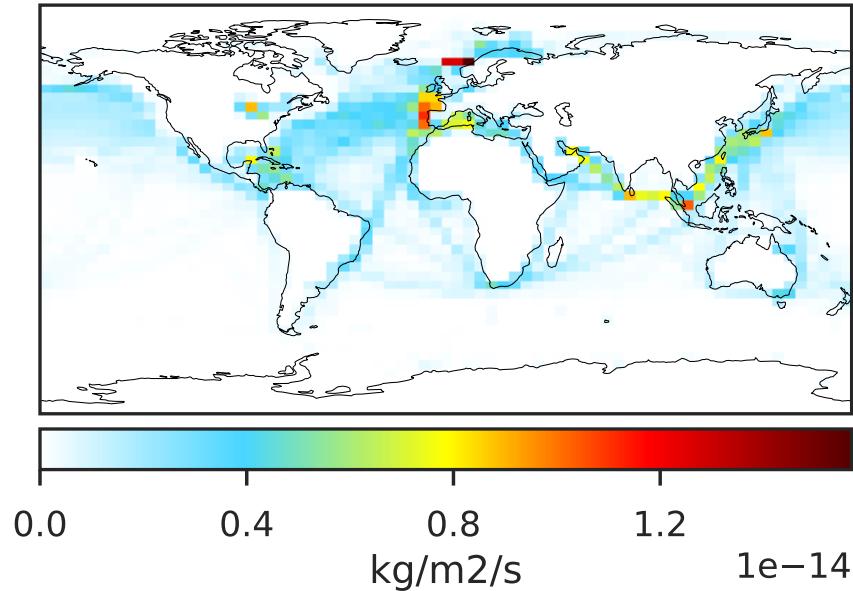


Ratio  
Dev/Ref, Fixed Range

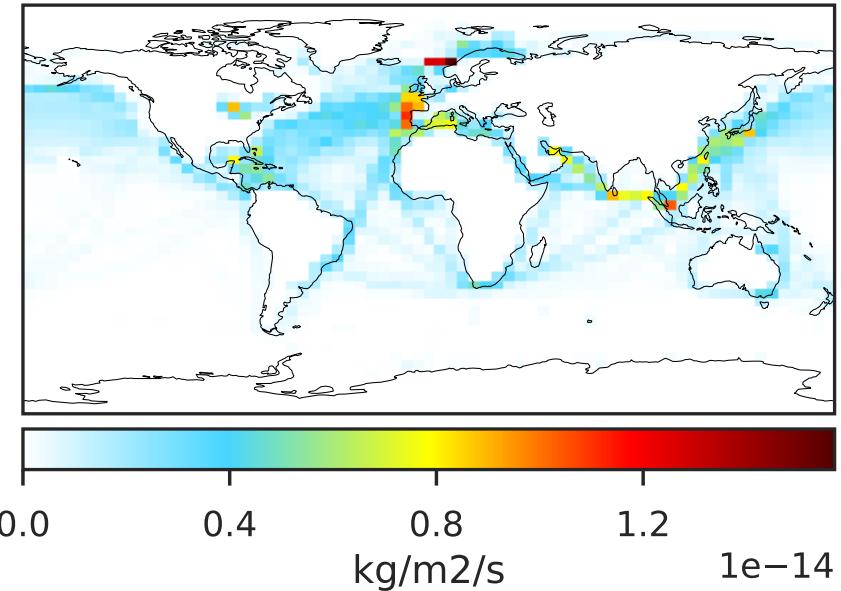


# EmispFe\_Ship

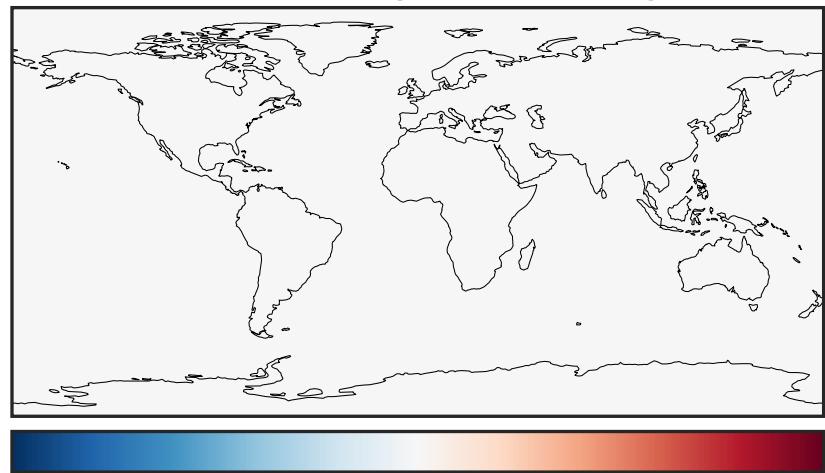
gcc-4x5-1Mon-14.2.2 (Ref)  
4.0x5.0



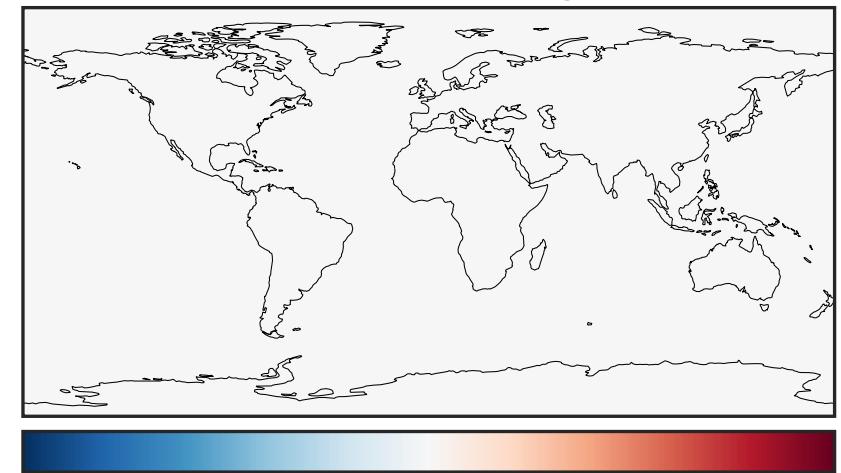
gcc-4x5-1Mon-14.2.3 (Dev)  
4.0x5.0



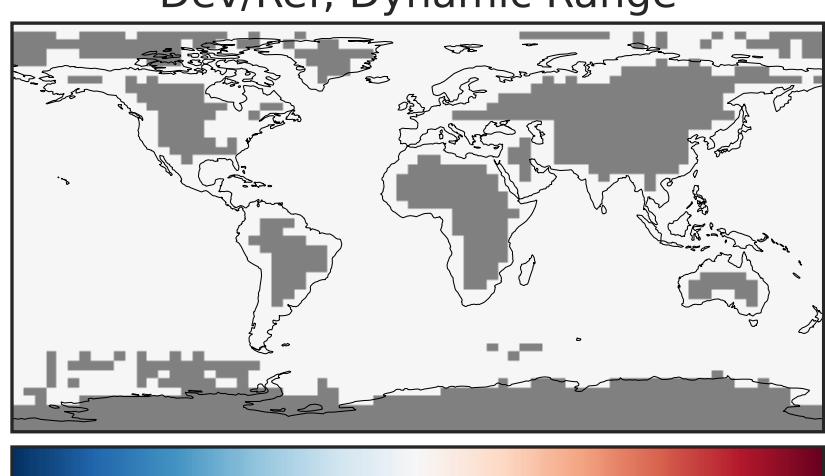
Difference  
Dev - Ref, Dynamic Range



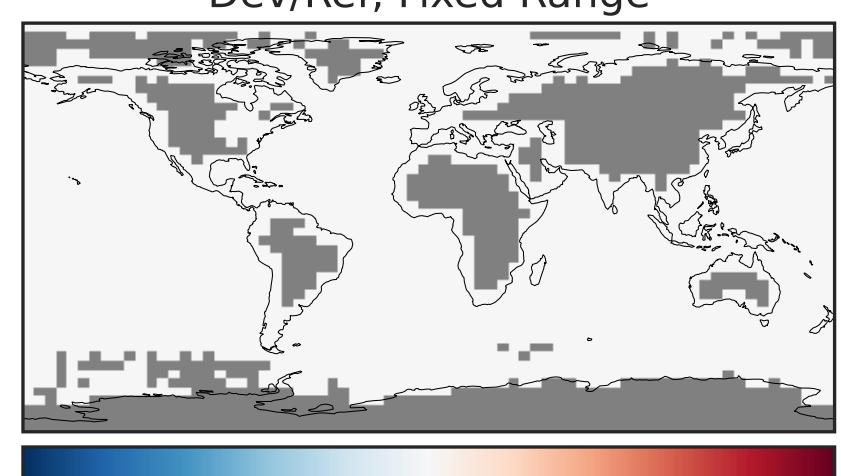
Difference  
Dev - Ref, Restricted Range [5%, 95%]



Ratio  
Dev/Ref, Dynamic Range

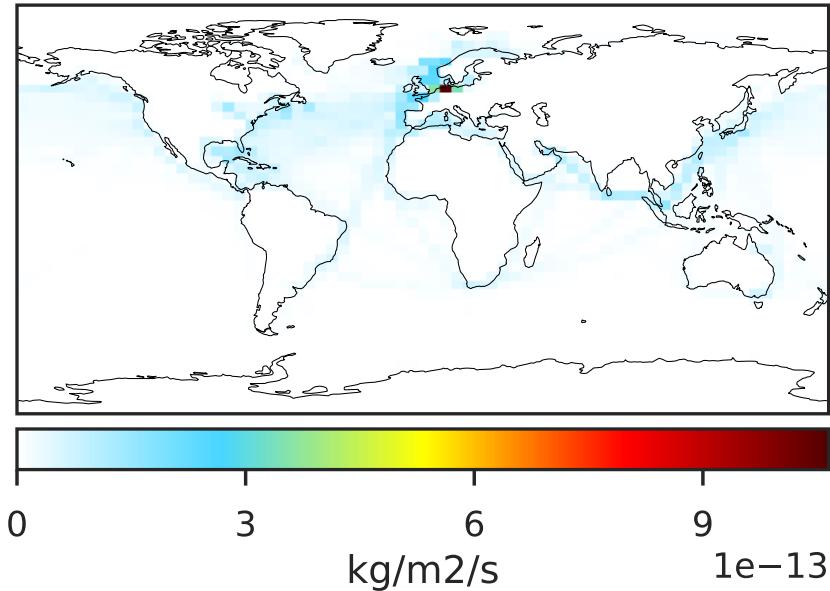


Ratio  
Dev/Ref, Fixed Range

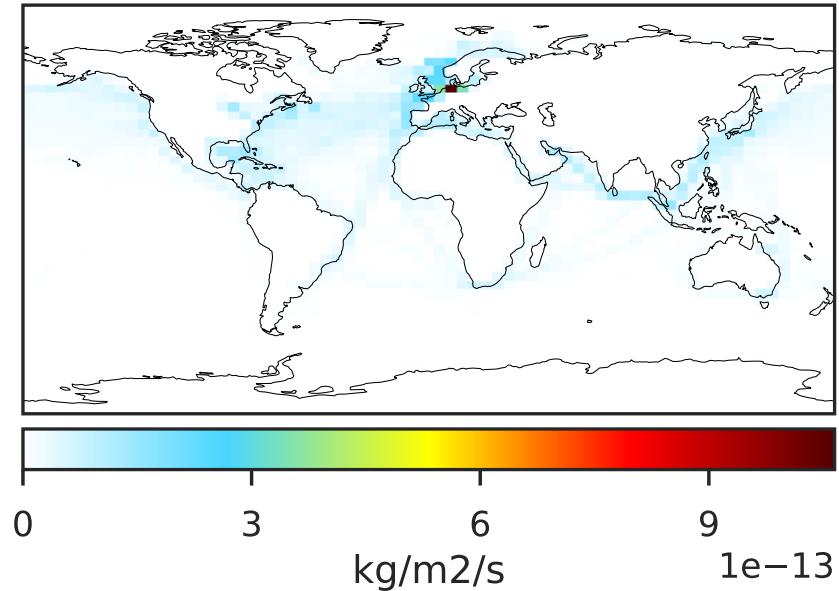


# EmisPRPE\_Ship

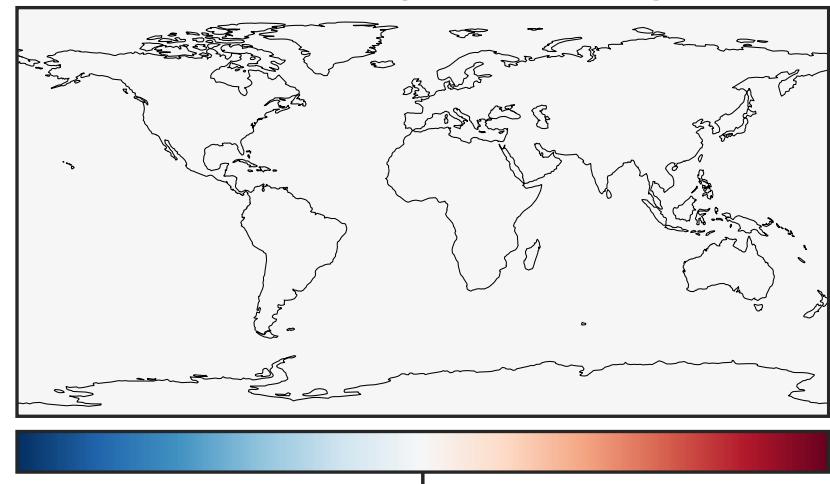
gcc-4x5-1Mon-14.2.2 (Ref)  
4.0x5.0



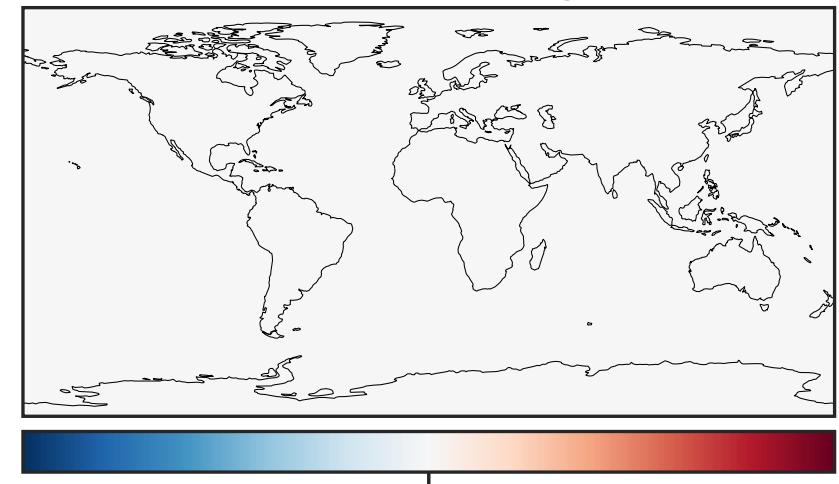
gcc-4x5-1Mon-14.2.3 (Dev)  
4.0x5.0



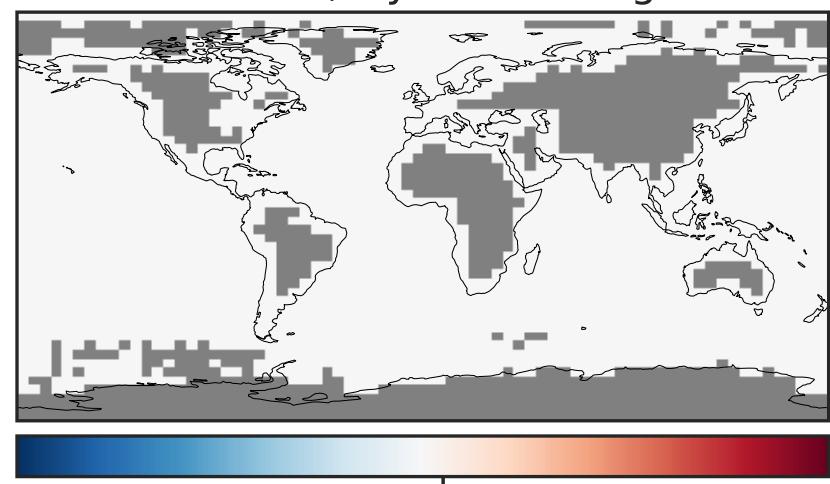
Difference  
Dev - Ref, Dynamic Range



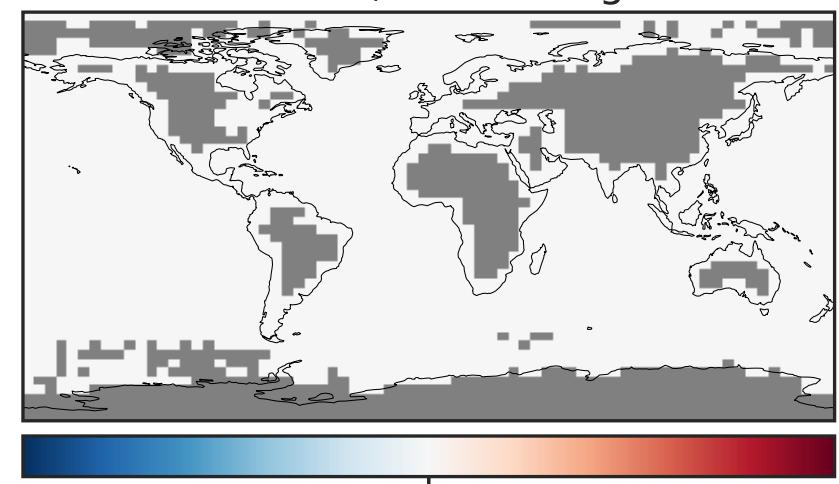
Difference  
Dev - Ref, Restricted Range [5%, 95%]



Ratio  
Dev/Ref, Dynamic Range

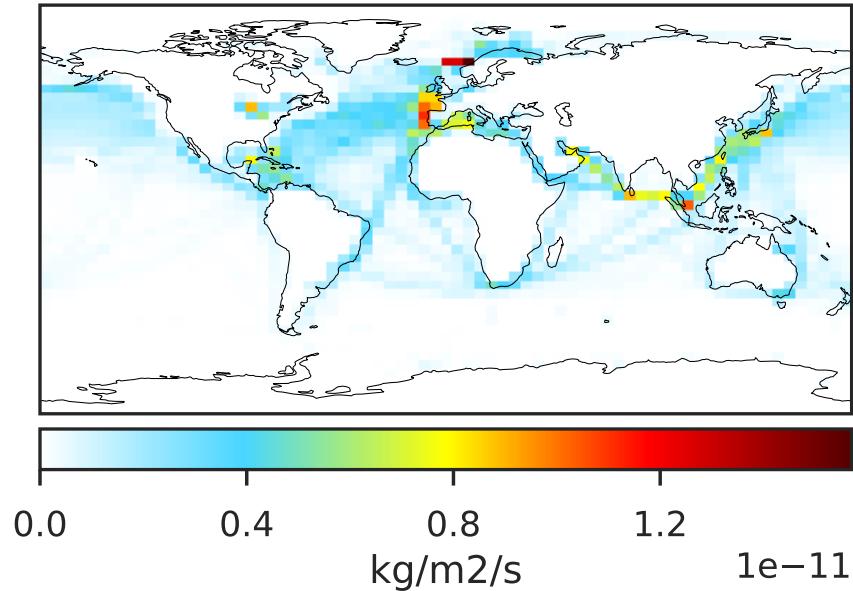


Ratio  
Dev/Ref, Fixed Range

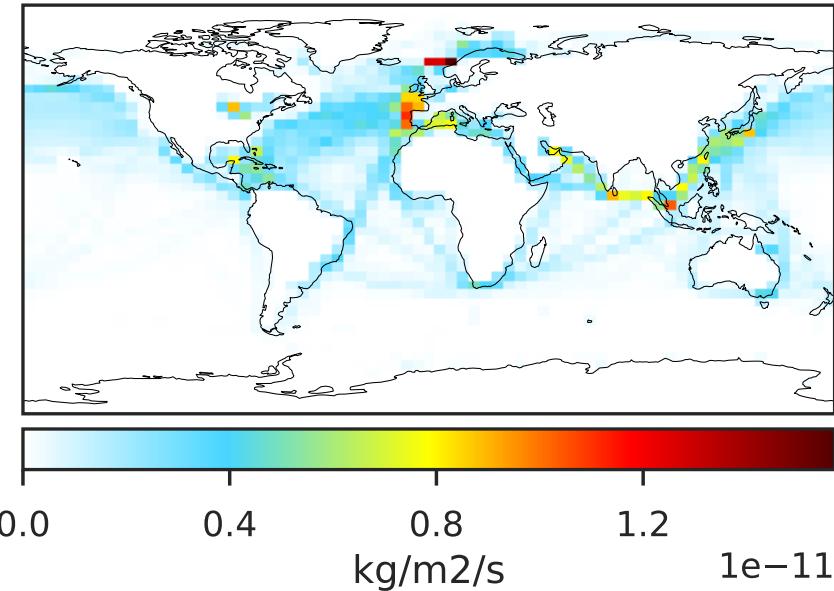


# EmisSO2\_Ship

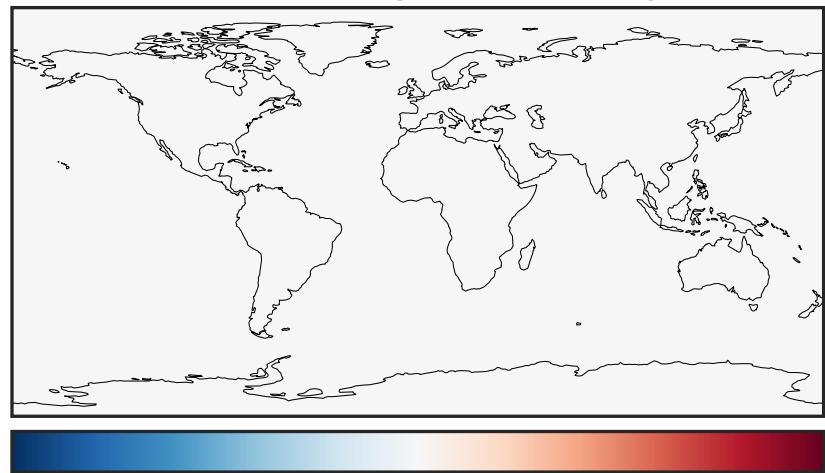
gcc-4x5-1Mon-14.2.2 (Ref)  
4.0x5.0



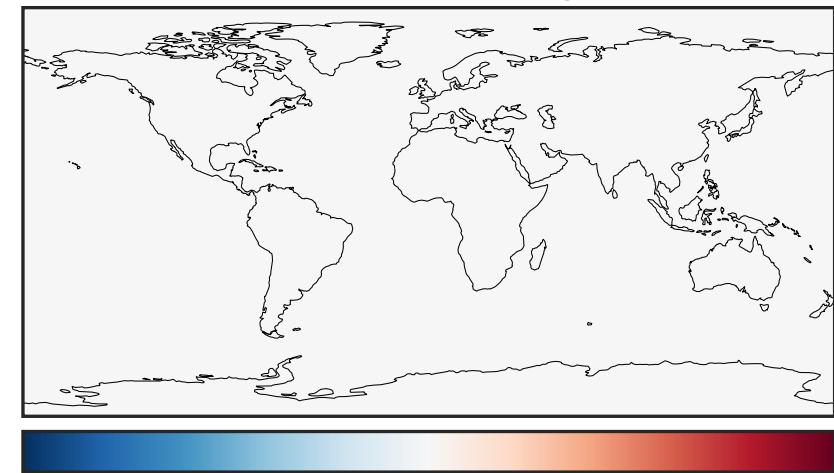
gcc-4x5-1Mon-14.2.3 (Dev)  
4.0x5.0



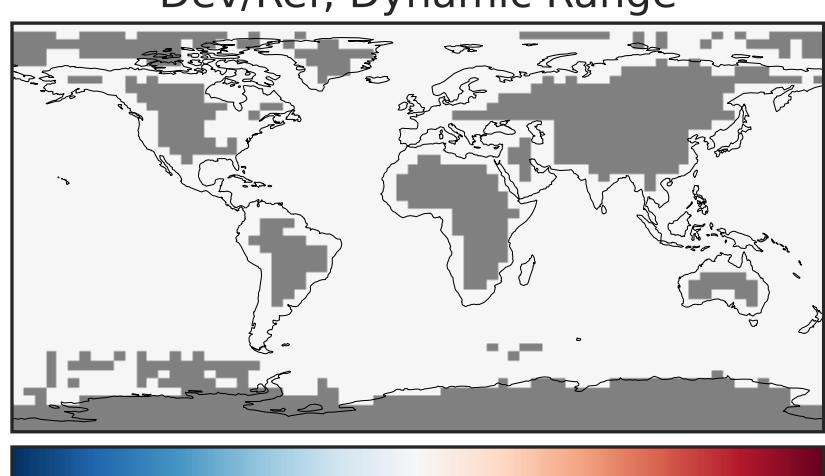
Difference  
Dev - Ref, Dynamic Range



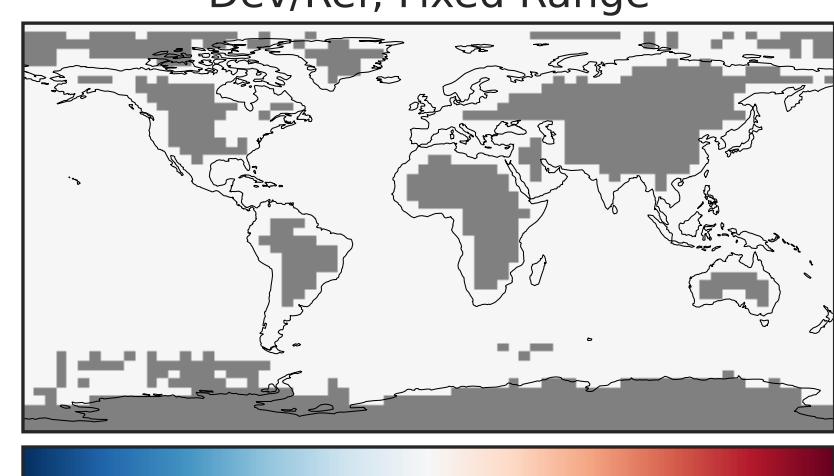
Difference  
Dev - Ref, Restricted Range [5%, 95%]



Ratio  
Dev/Ref, Dynamic Range

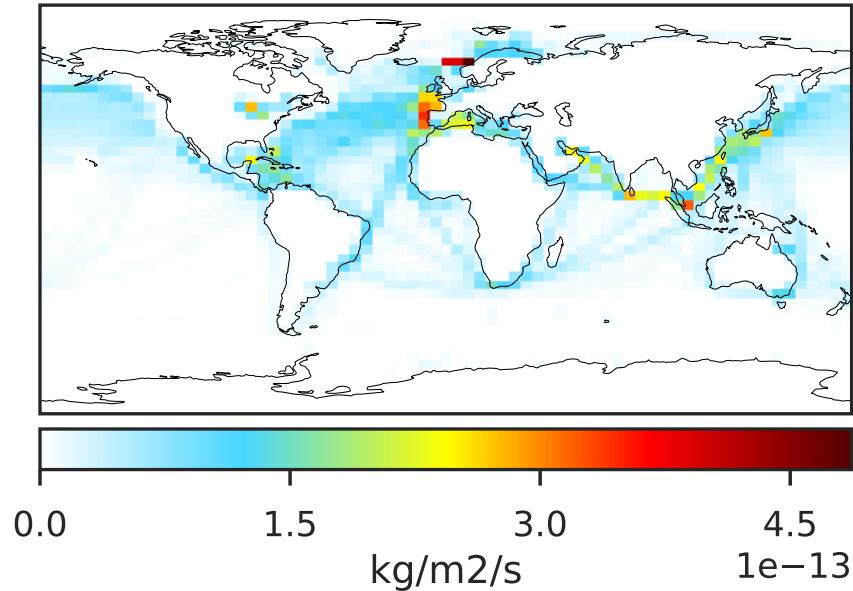


Ratio  
Dev/Ref, Fixed Range

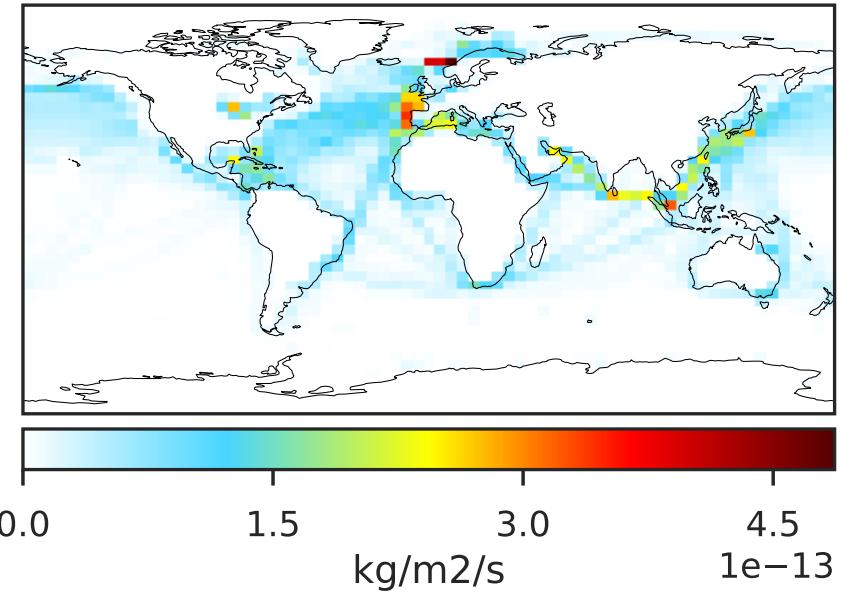


# EmisSO4\_Ship

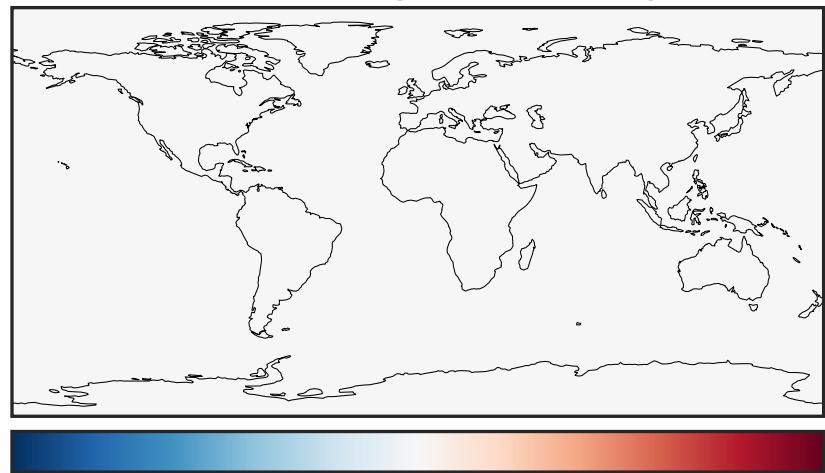
gcc-4x5-1Mon-14.2.2 (Ref)  
4.0x5.0



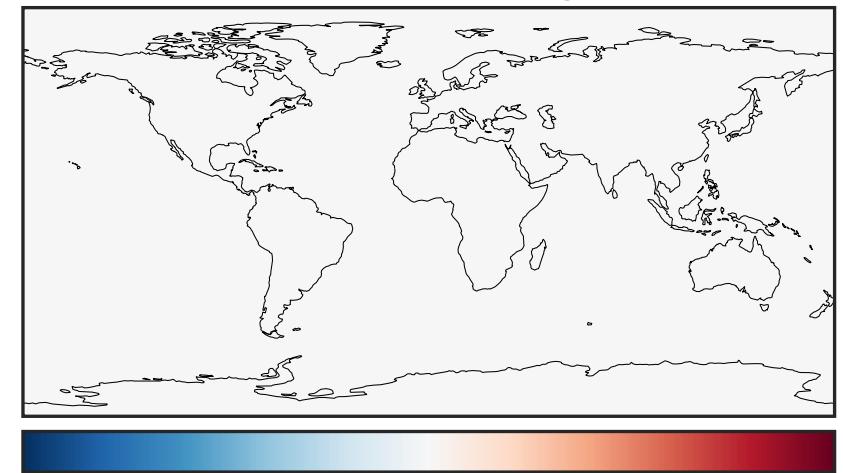
gcc-4x5-1Mon-14.2.3 (Dev)  
4.0x5.0



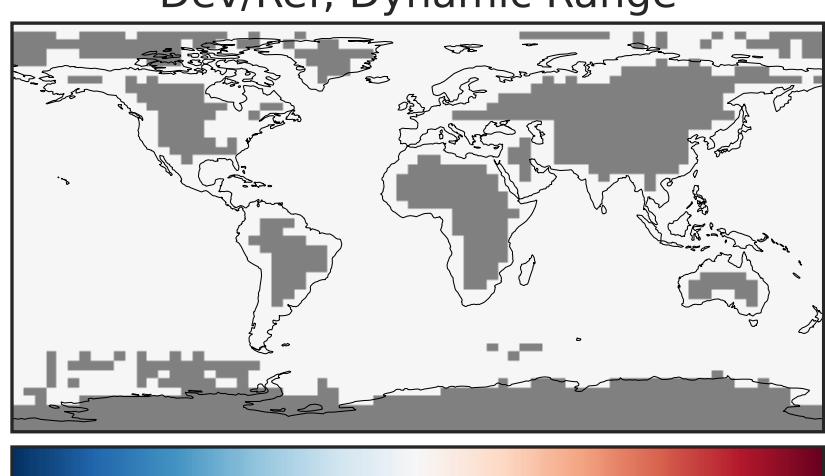
Difference  
Dev - Ref, Dynamic Range



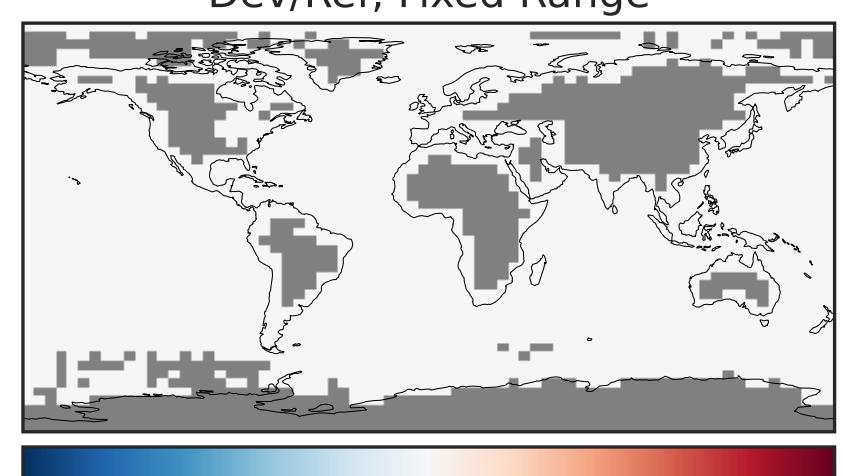
Difference  
Dev - Ref, Restricted Range [5%, 95%]



Ratio  
Dev/Ref, Dynamic Range

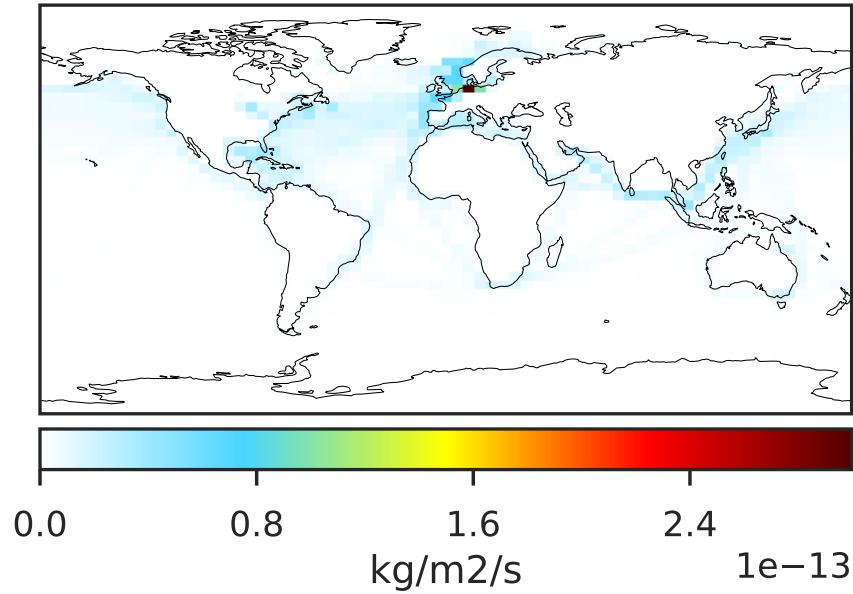


Ratio  
Dev/Ref, Fixed Range

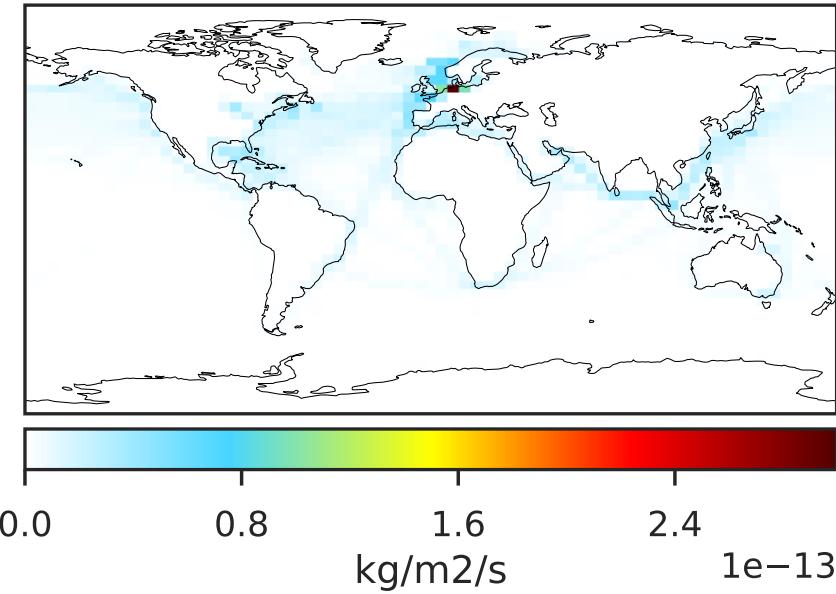


# EmisSOAP\_Ship

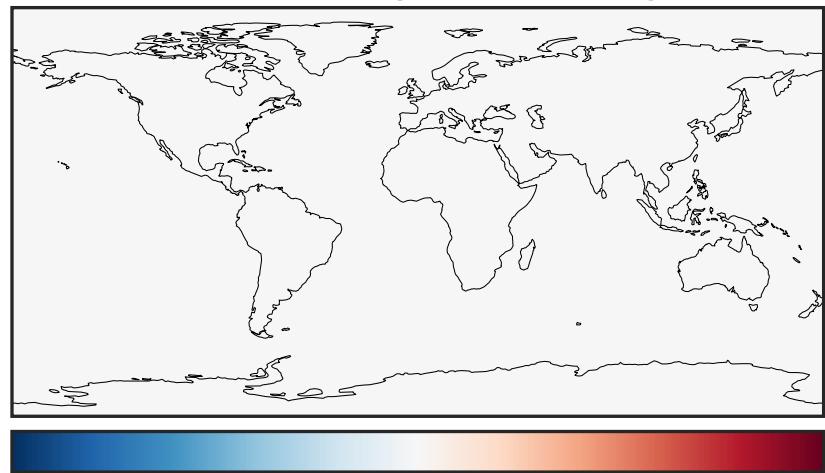
gcc-4x5-1Mon-14.2.2 (Ref)  
4.0x5.0



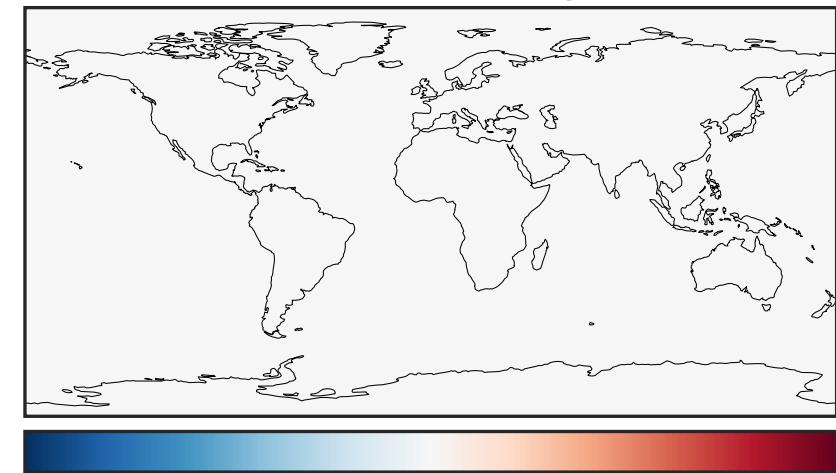
gcc-4x5-1Mon-14.2.3 (Dev)  
4.0x5.0



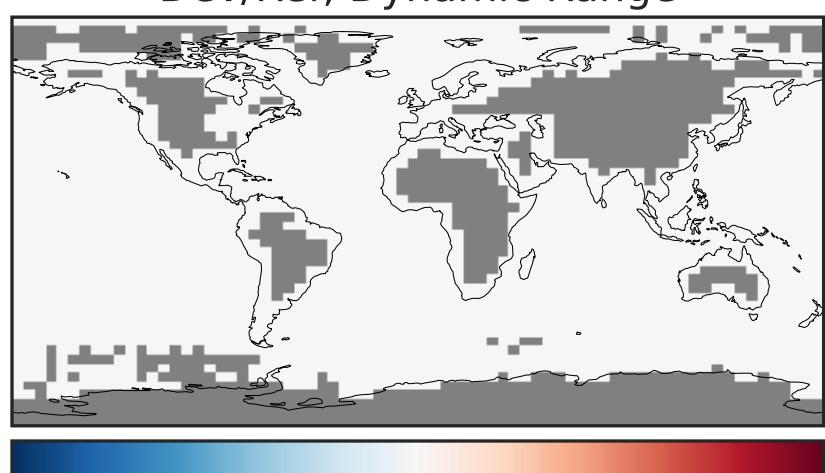
Difference  
Dev - Ref, Dynamic Range



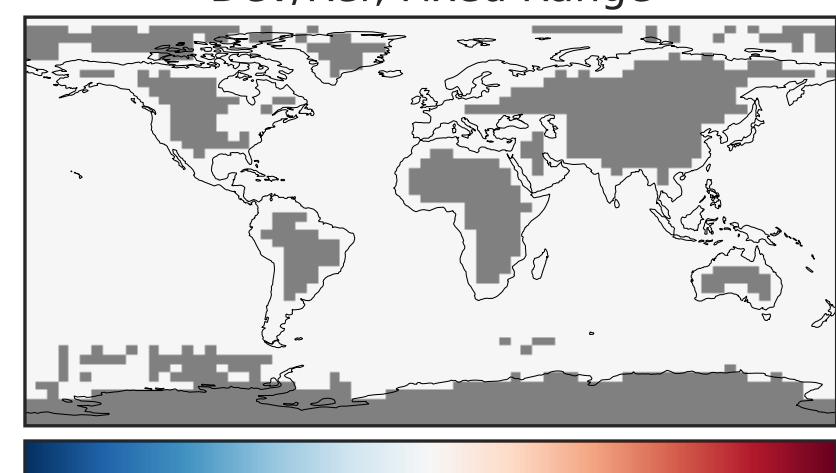
Difference  
Dev - Ref, Restricted Range [5%, 95%]



Ratio  
Dev/Ref, Dynamic Range

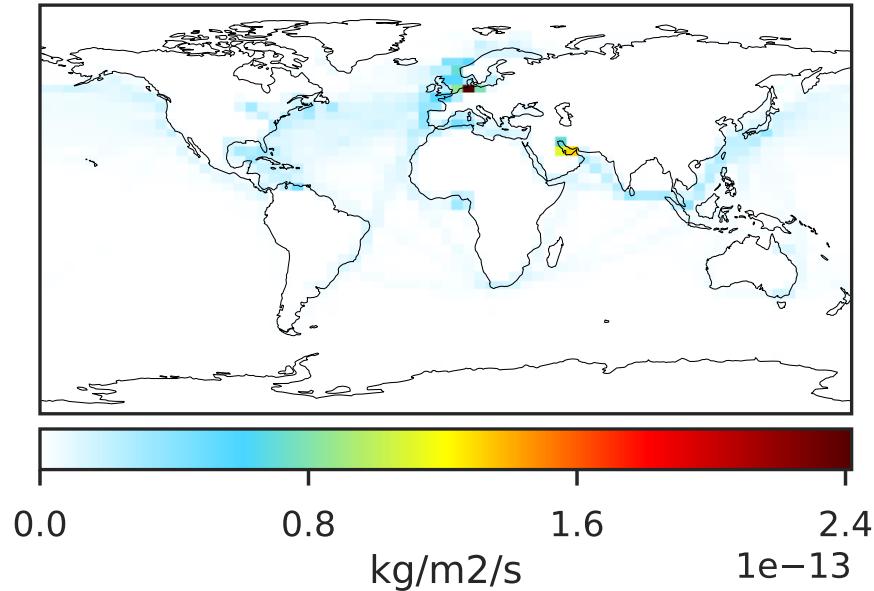


Ratio  
Dev/Ref, Fixed Range

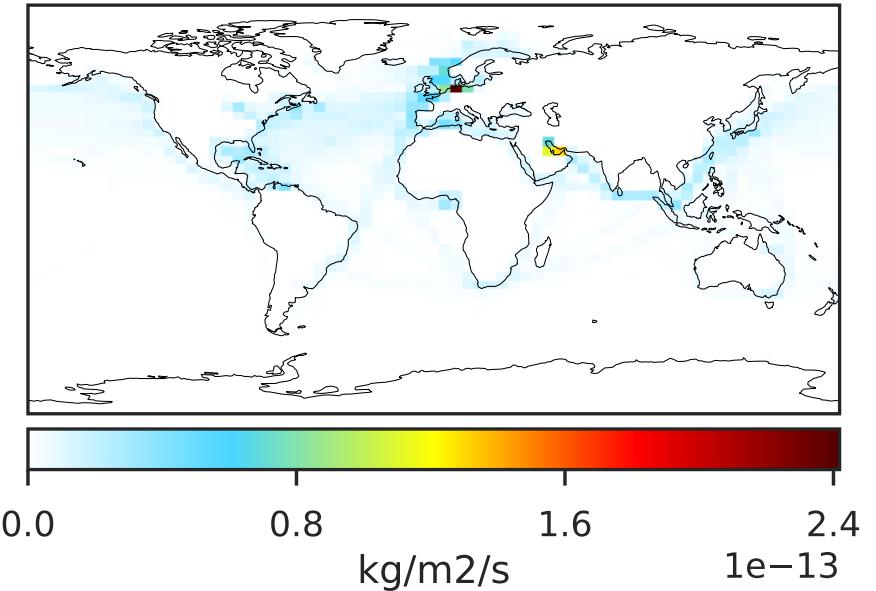


# EmisTOLU\_Ship

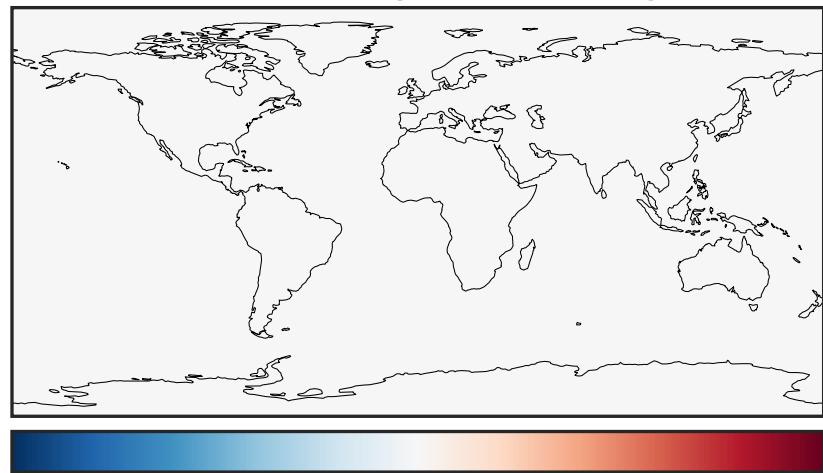
gcc-4x5-1Mon-14.2.2 (Ref)  
4.0x5.0



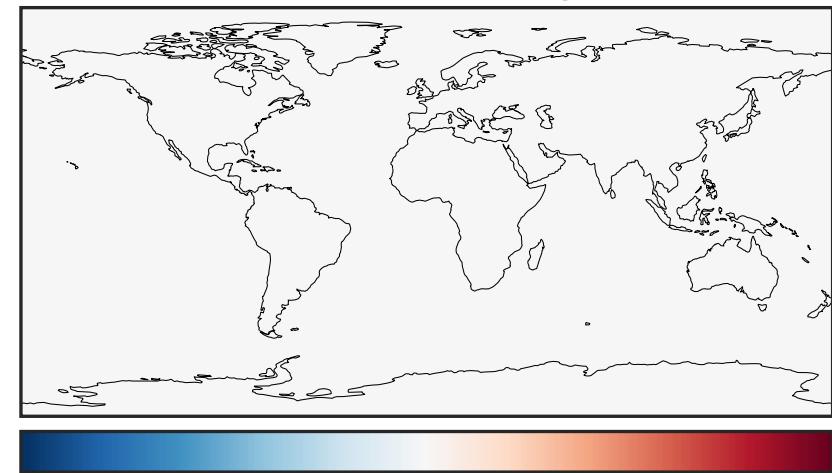
gcc-4x5-1Mon-14.2.3 (Dev)  
4.0x5.0



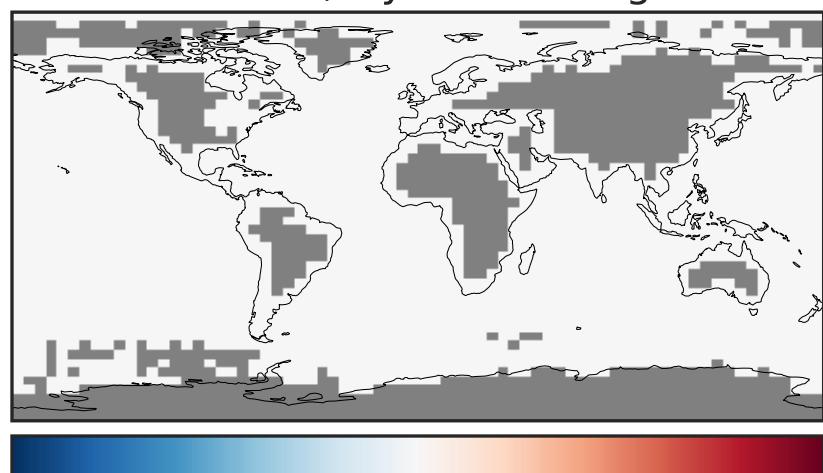
Difference  
Dev - Ref, Dynamic Range



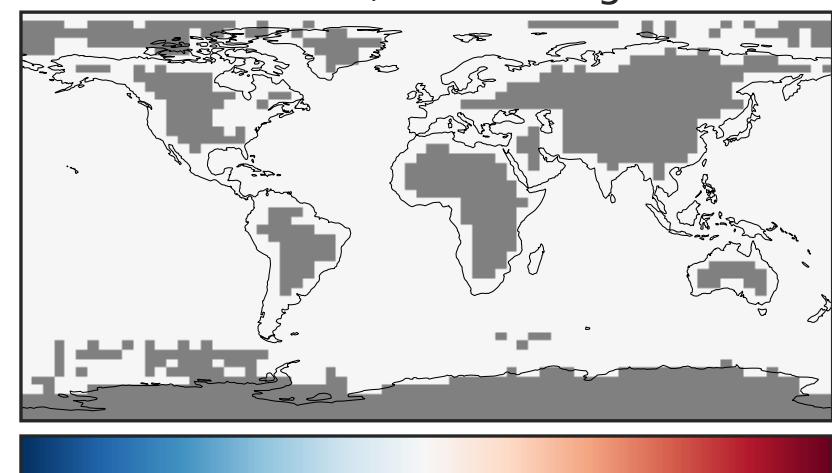
Difference  
Dev - Ref, Restricted Range [5%, 95%]



Ratio  
Dev/Ref, Dynamic Range

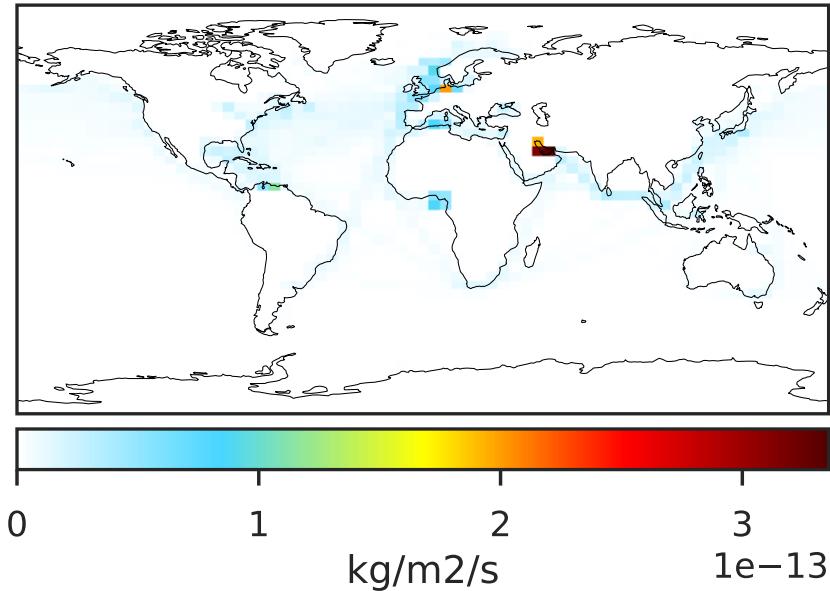


Ratio  
Dev/Ref, Fixed Range

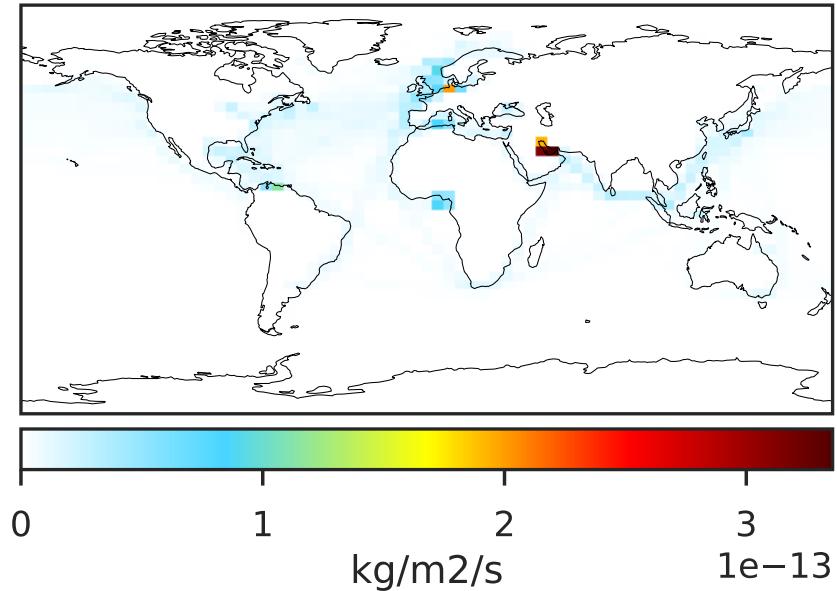


# EmisXYLE\_Ship

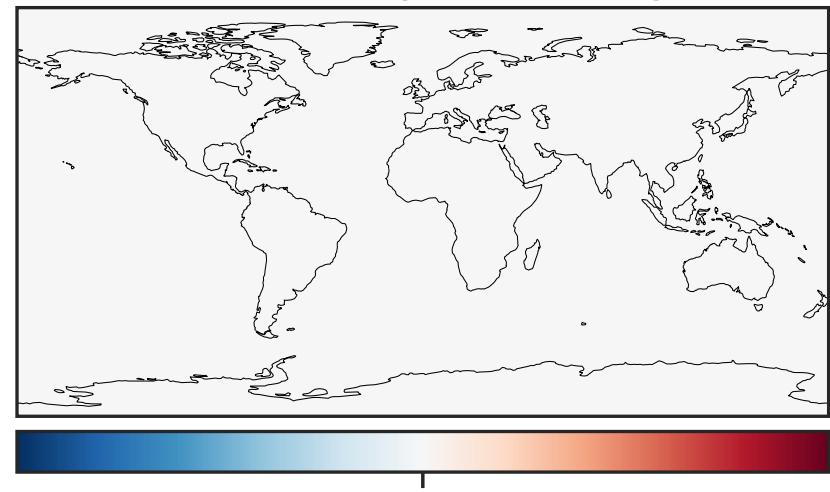
gcc-4x5-1Mon-14.2.2 (Ref)  
4.0x5.0



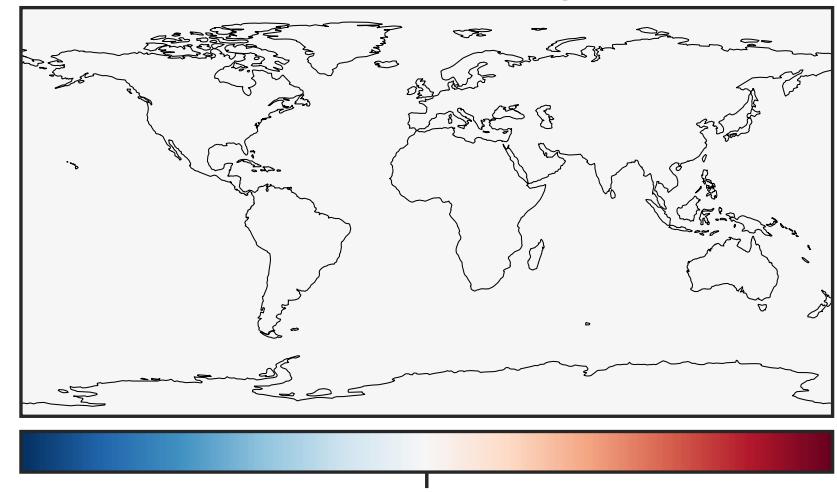
gcc-4x5-1Mon-14.2.3 (Dev)  
4.0x5.0



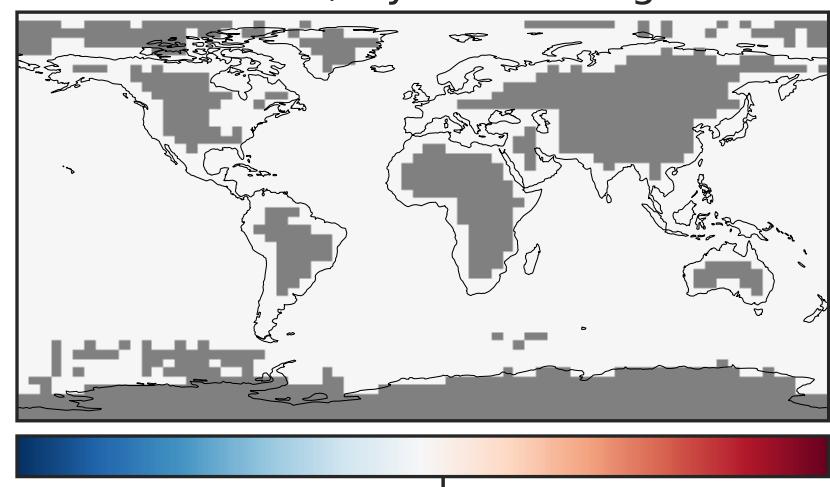
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range



Ratio  
Dev/Ref, Fixed Range

