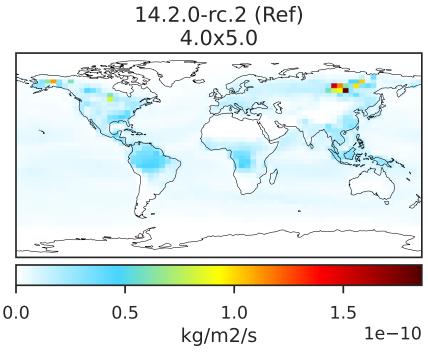
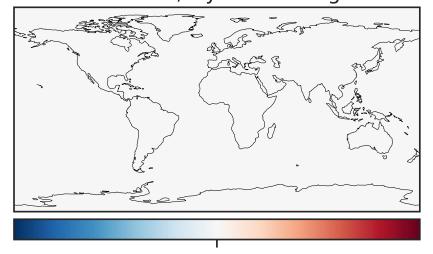
# EmisACET\_Total (Jul2019)

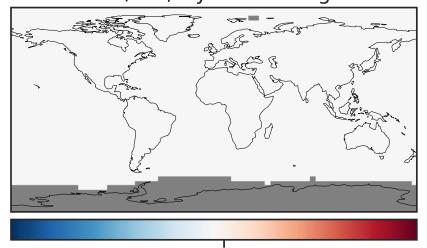


Difference Dev - Ref, Dynamic Range

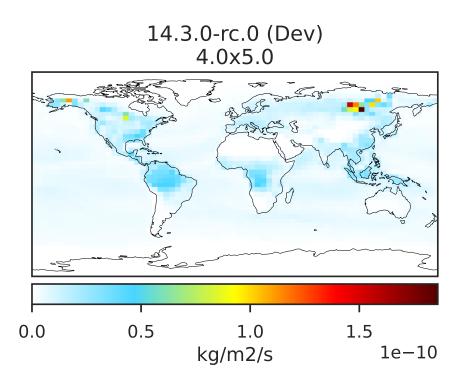


Zero throughout domain kg/m2/s

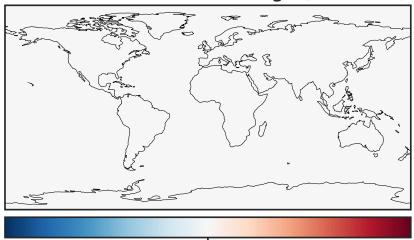
Ratio Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain unitless

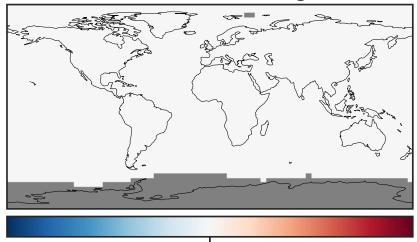


Difference Dev - Ref, Restricted Range [5%,95%]



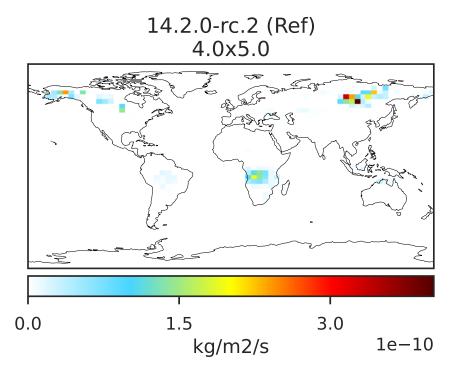
Zero throughout domain kg/m2/s

Ratio Dev/Ref, Fixed Range

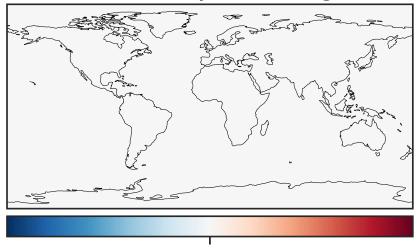


Ref and Dev equal throughout domain unitless

# EmisACTA\_Total (Jul2019)

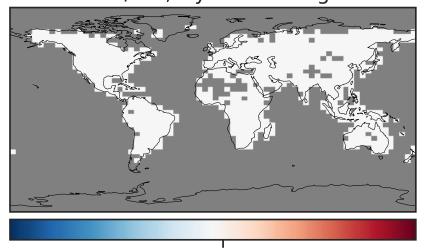


Difference Dev - Ref, Dynamic Range

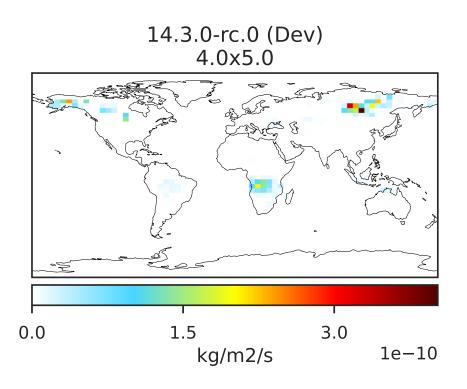


Zero throughout domain kg/m2/s

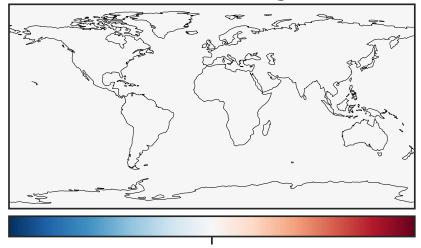
Ratio Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain unitless

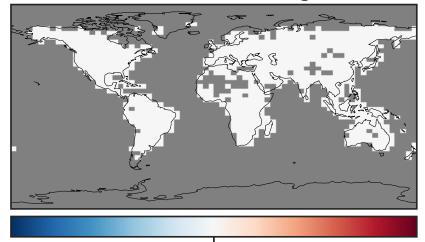


Difference Dev - Ref, Restricted Range [5%,95%]



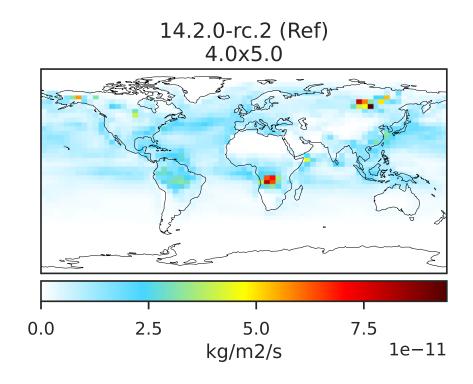
Zero throughout domain kg/m2/s

Ratio Dev/Ref, Fixed Range

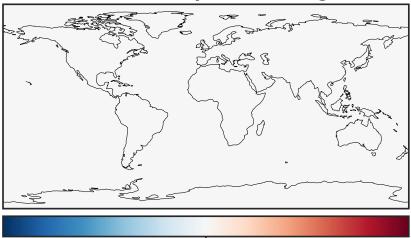


Ref and Dev equal throughout domain unitless

# EmisALD2\_Total (Jul2019)

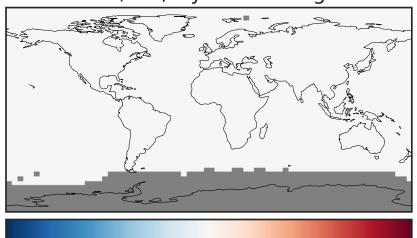


Difference Dev - Ref, Dynamic Range

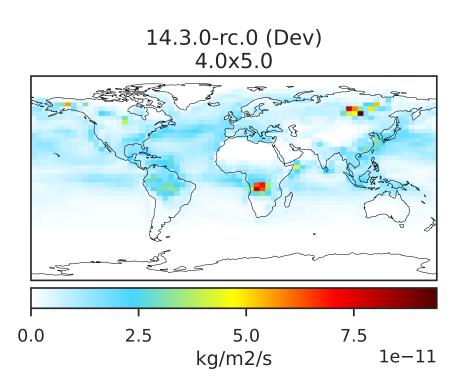


Zero throughout domain kg/m2/s

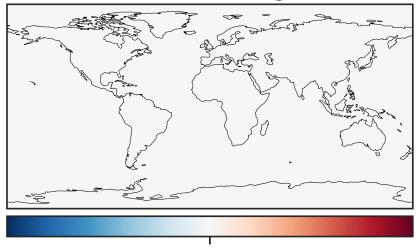
Ratio Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain unitless

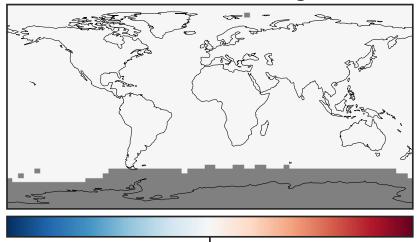


Difference Dev - Ref, Restricted Range [5%,95%]



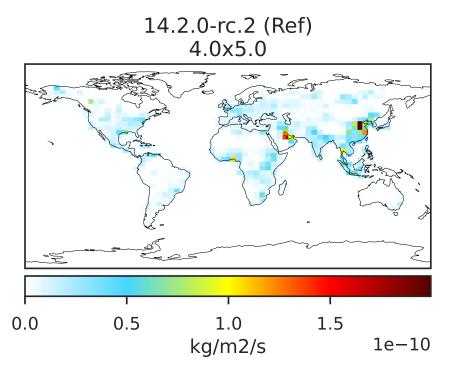
Zero throughout domain kg/m2/s

Ratio Dev/Ref, Fixed Range

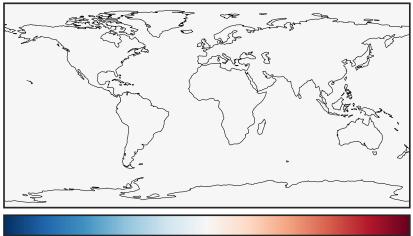


Ref and Dev equal throughout domain unitless

## EmisALK4\_Total (Jul2019)

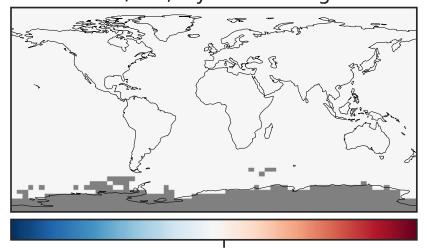


Difference Dev - Ref, Dynamic Range

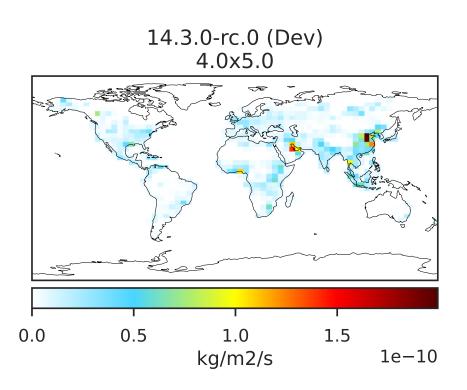


Zero throughout domain kg/m2/s

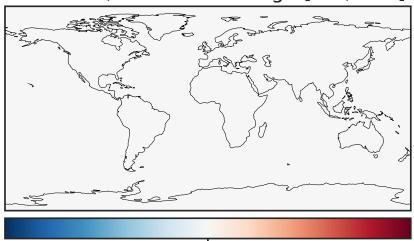
Ratio Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain unitless

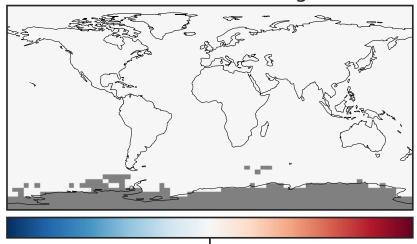


Difference Dev - Ref, Restricted Range [5%,95%]



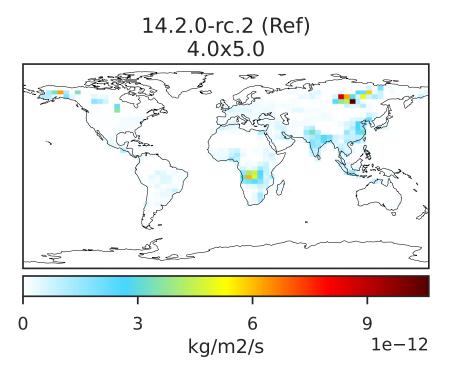
Zero throughout domain kg/m2/s

Ratio Dev/Ref, Fixed Range

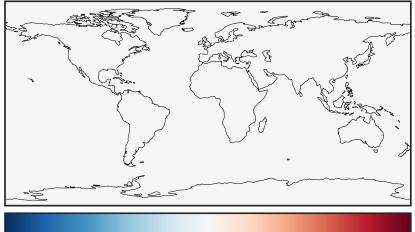


Ref and Dev equal throughout domain unitless

# EmisBCPI\_Total (Jul2019)

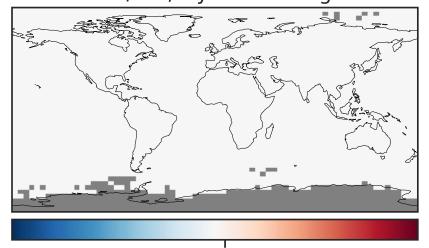


Difference Dev - Ref, Dynamic Range

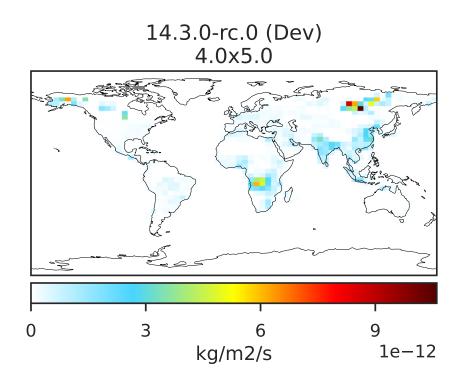


Zero throughout domain kg/m2/s

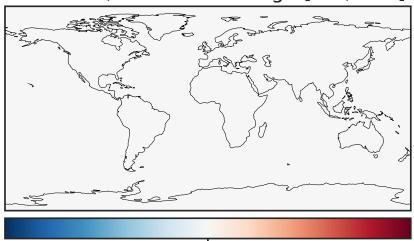
Ratio Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain unitless

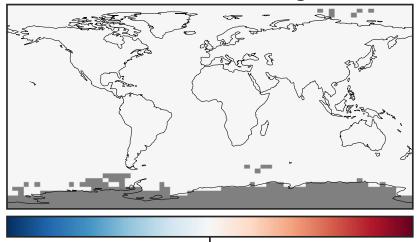


Difference Dev - Ref, Restricted Range [5%,95%]



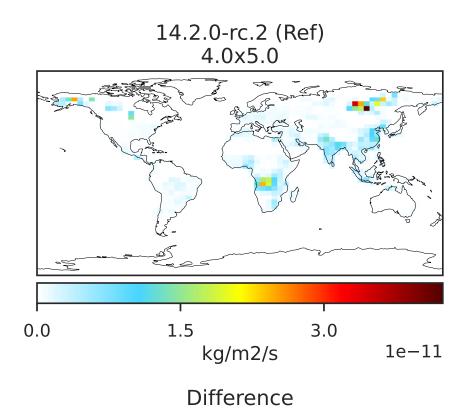
Zero throughout domain kg/m2/s

Ratio Dev/Ref, Fixed Range



Ref and Dev equal throughout domain unitless

# EmisBCPO\_Total (Jul2019)



14.3.0-rc.0 (Dev) 4.0x5.0 0.0 1.5 3.0 kg/m2/s 1e-11

Dev - Ref, Dynamic Range

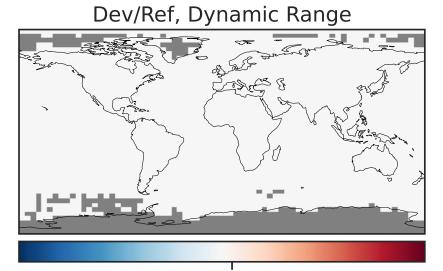
Dev - Ref, Restricted Range [5%,95%]

Difference

Zero throughout domain kg/m2/s

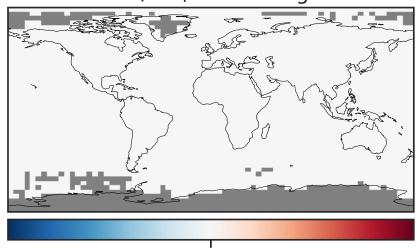
Ratio

Zero throughout domain kg/m2/s



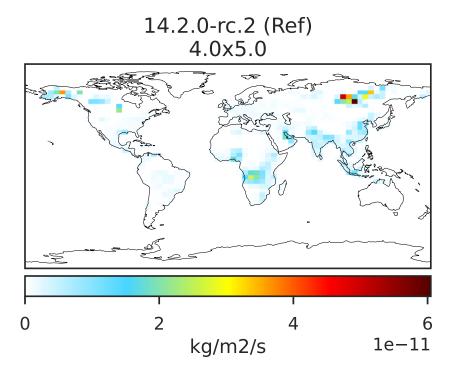
Ratio Dev/Ref, Fixed Range

Ref and Dev equal throughout domain unitless

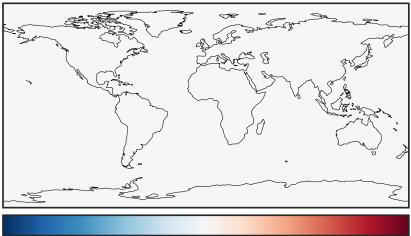


Ref and Dev equal throughout domain unitless

# EmisBENZ\_Total (Jul2019)

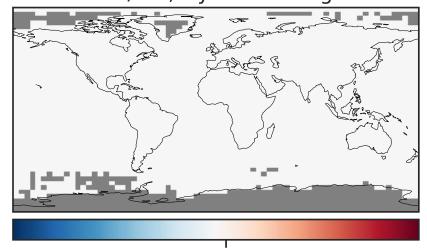


Difference Dev - Ref, Dynamic Range

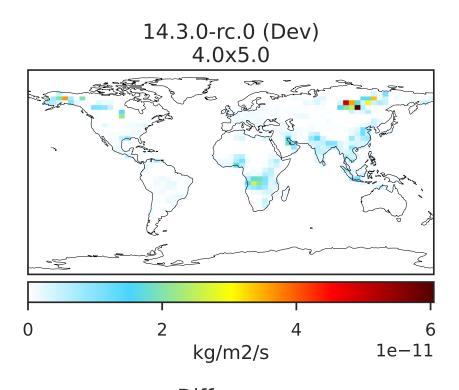


Zero throughout domain kg/m2/s

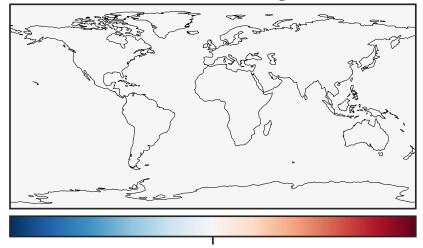
Ratio Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain unitless

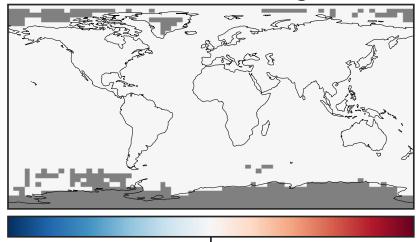


Difference Dev - Ref, Restricted Range [5%,95%]



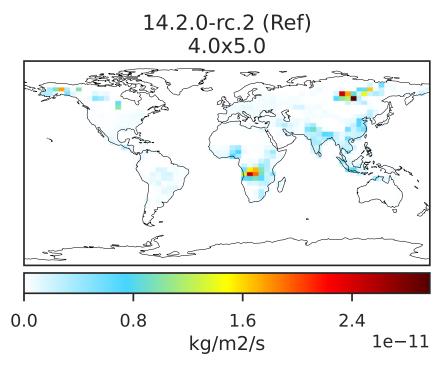
Zero throughout domain kg/m2/s

Ratio Dev/Ref, Fixed Range

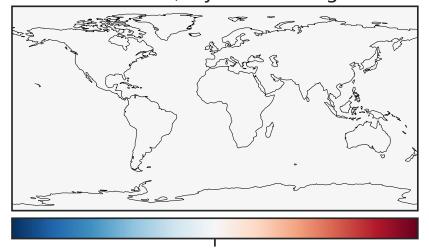


Ref and Dev equal throughout domain unitless

# EmisC2H2\_Total (Jul2019)

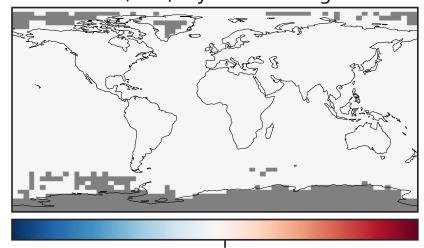


Difference Dev - Ref, Dynamic Range

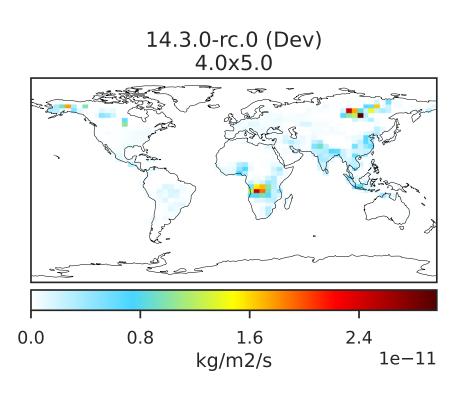


Zero throughout domain kg/m2/s

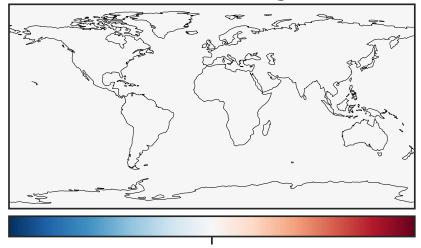
Ratio Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain unitless

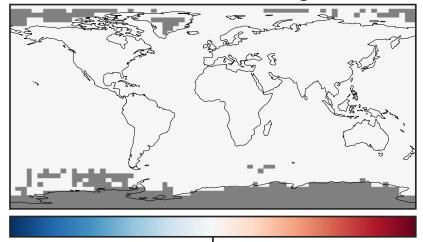


Difference Dev - Ref, Restricted Range [5%,95%]



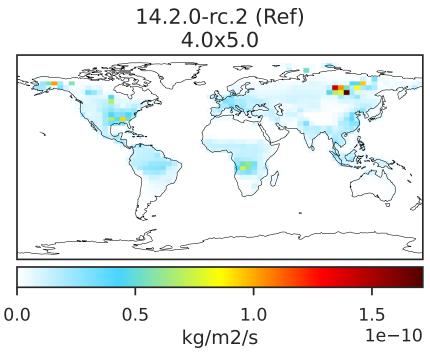
Zero throughout domain kg/m2/s

Ratio Dev/Ref, Fixed Range

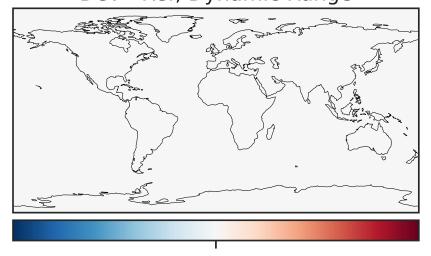


Ref and Dev equal throughout domain unitless

# EmisC2H4\_Total (Jul2019)

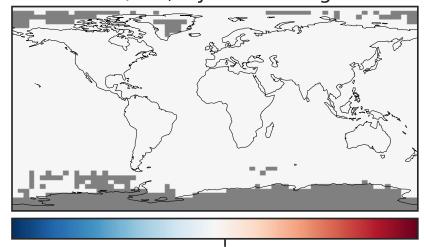


Difference Dev - Ref, Dynamic Range

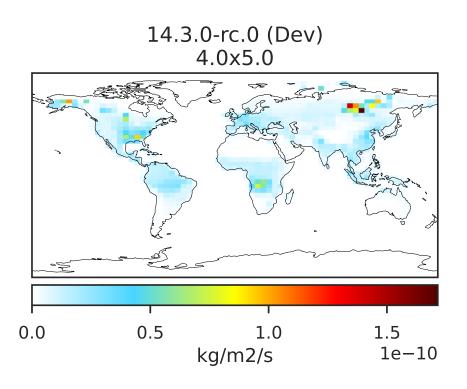


Zero throughout domain kg/m2/s

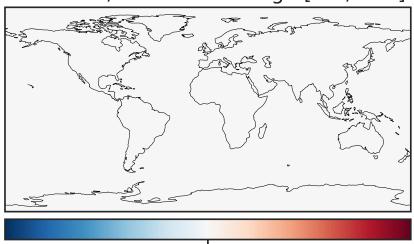
Ratio Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain unitless

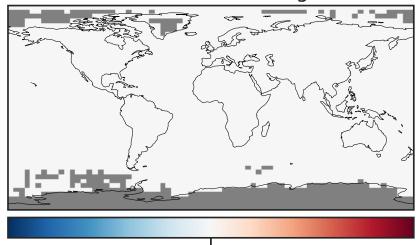


Difference Dev - Ref, Restricted Range [5%,95%]



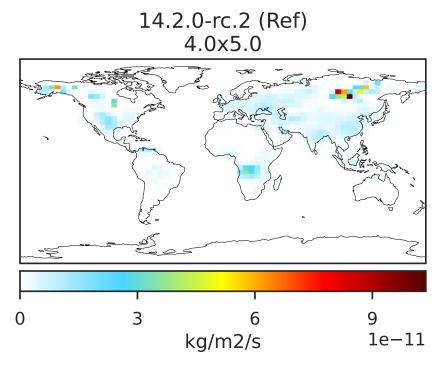
Zero throughout domain kg/m2/s

Ratio Dev/Ref, Fixed Range

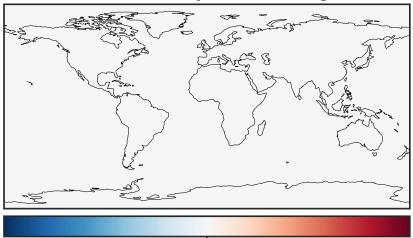


Ref and Dev equal throughout domain unitless

# EmisC2H6\_Total (Jul2019)

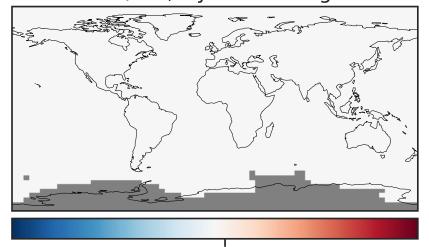


Difference Dev - Ref, Dynamic Range

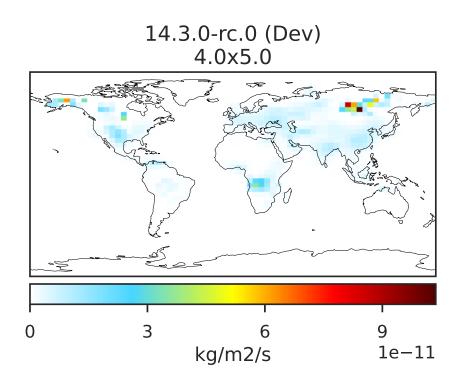


Zero throughout domain kg/m2/s

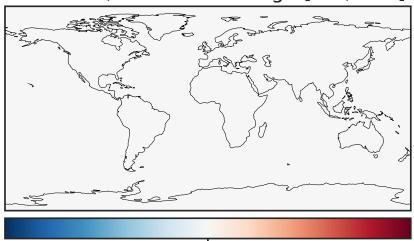
Ratio Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain unitless

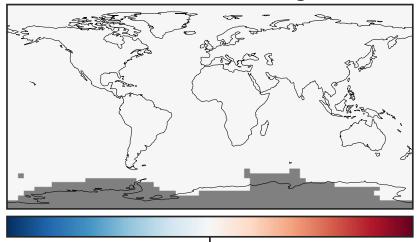


Difference Dev - Ref, Restricted Range [5%,95%]



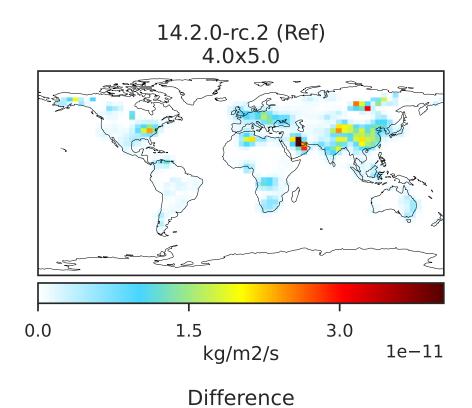
Zero throughout domain kg/m2/s

Ratio Dev/Ref, Fixed Range

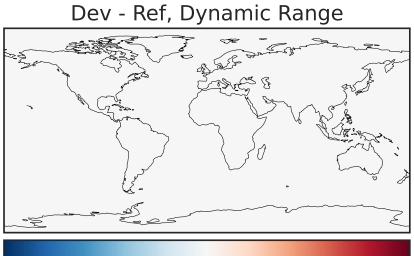


Ref and Dev equal throughout domain unitless

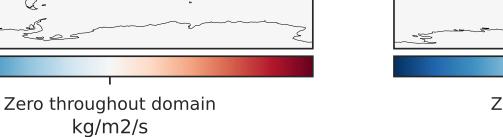
# EmisC3H8\_Total (Jul2019)

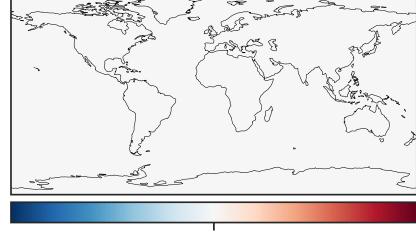


14.3.0-rc.0 (Dev) 4.0x5.0 0.0 1.5 3.0 kg/m2/s 1e-11



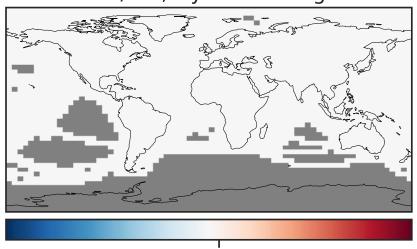
Difference Dev - Ref, Restricted Range [5%,95%]





Ratio Dev/Ref, Dynamic Range

Zero throughout domain kg/m2/s

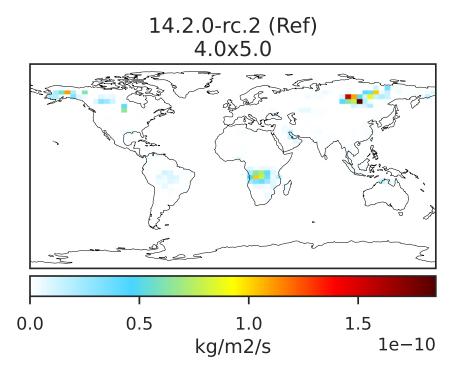


Ratio Dev/Ref, Fixed Range

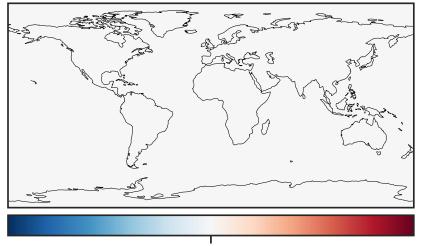
Ref and Dev equal throughout domain unitless

Ref and Dev equal throughout domain unitless

# EmisCH2O\_Total (Jul2019)

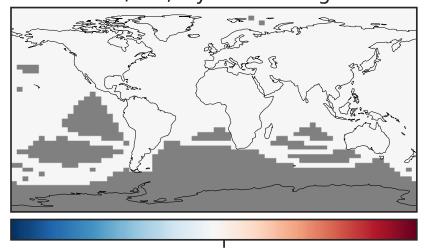


Difference Dev - Ref, Dynamic Range

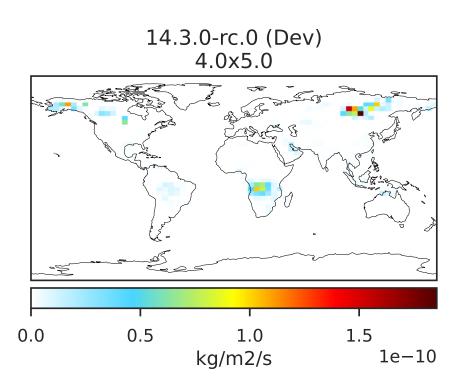


Zero throughout domain kg/m2/s

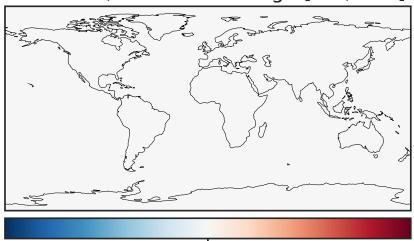
Ratio Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain unitless

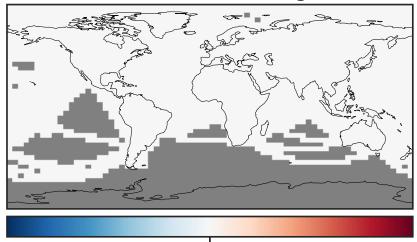


Difference Dev - Ref, Restricted Range [5%,95%]



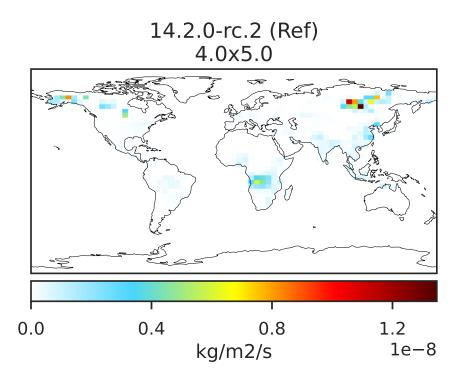
Zero throughout domain kg/m2/s

Ratio Dev/Ref, Fixed Range

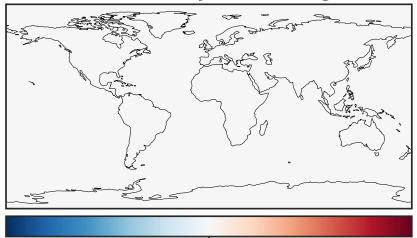


Ref and Dev equal throughout domain unitless

# EmisCO\_Total (Jul2019)

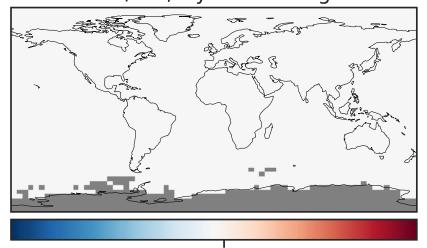


Difference Dev - Ref, Dynamic Range

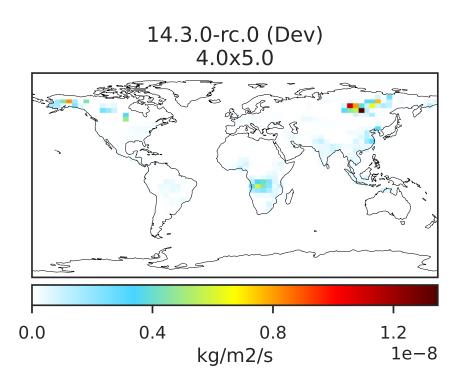


Zero throughout domain kg/m2/s

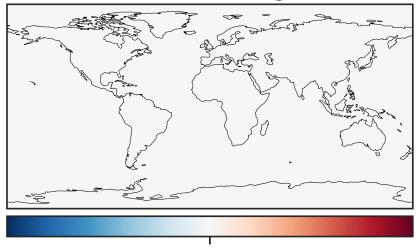
Ratio Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain unitless

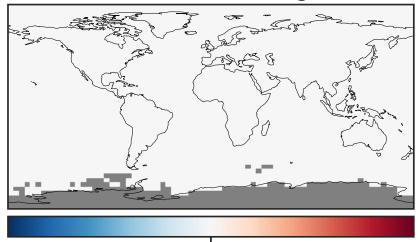


Difference Dev - Ref, Restricted Range [5%,95%]



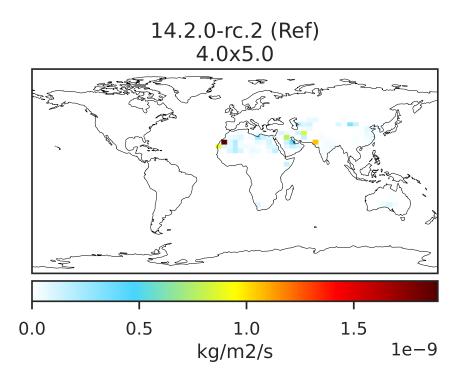
Zero throughout domain kg/m2/s

Ratio Dev/Ref, Fixed Range

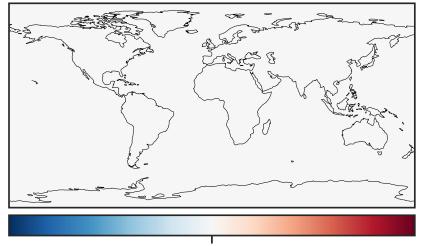


Ref and Dev equal throughout domain unitless

# EmisDST1\_Total (Jul2019)

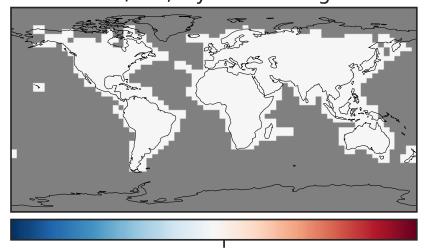


Difference Dev - Ref, Dynamic Range

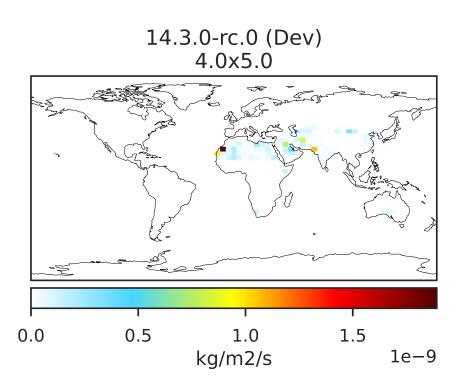


Zero throughout domain kg/m2/s

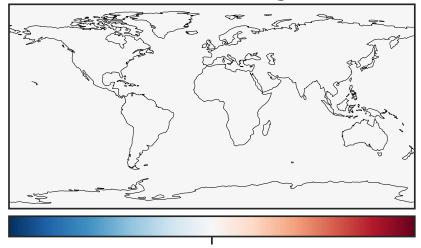
Ratio Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain unitless

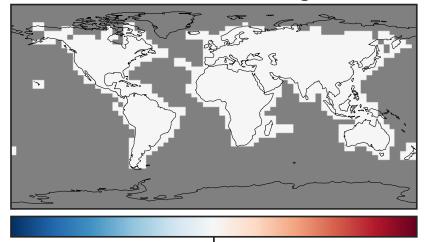


Difference Dev - Ref, Restricted Range [5%,95%]



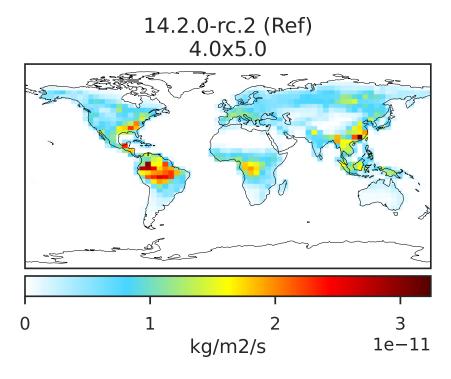
Zero throughout domain kg/m2/s

Ratio Dev/Ref, Fixed Range

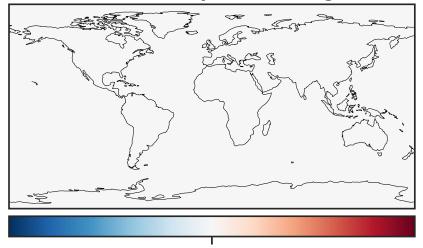


Ref and Dev equal throughout domain unitless

# EmisEOH\_Total (Jul2019)

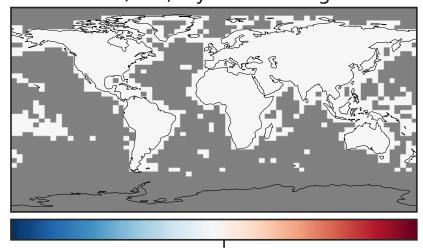


Difference Dev - Ref, Dynamic Range

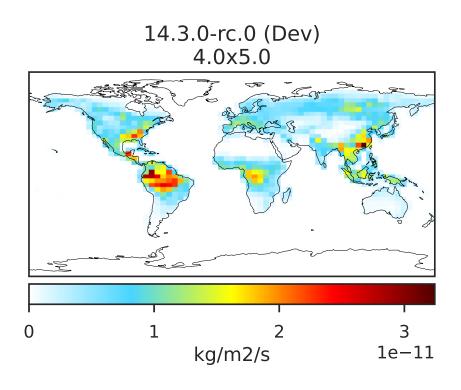


Zero throughout domain kg/m2/s

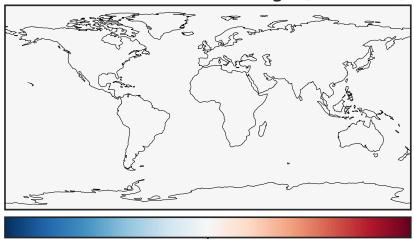
Ratio Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain unitless

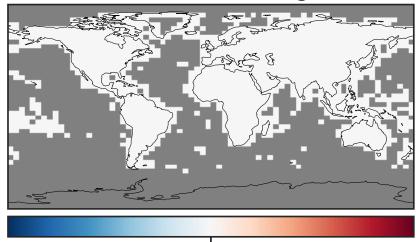


Difference Dev - Ref, Restricted Range [5%,95%]



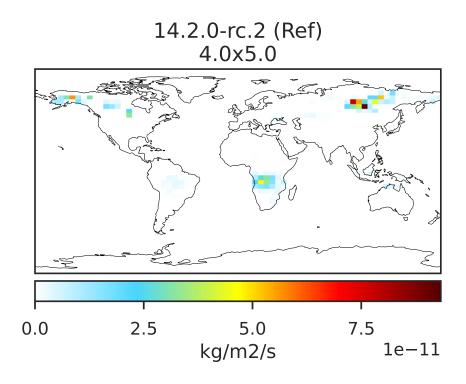
Zero throughout domain kg/m2/s

Ratio Dev/Ref, Fixed Range

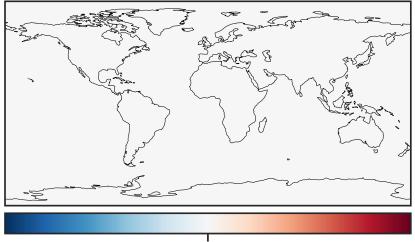


Ref and Dev equal throughout domain unitless

## EmisFURA\_Total (Jul2019)

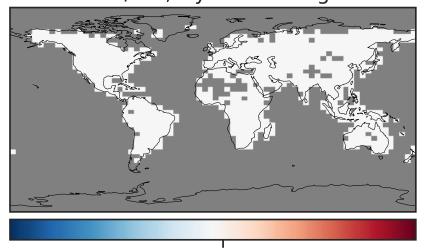


Difference Dev - Ref, Dynamic Range

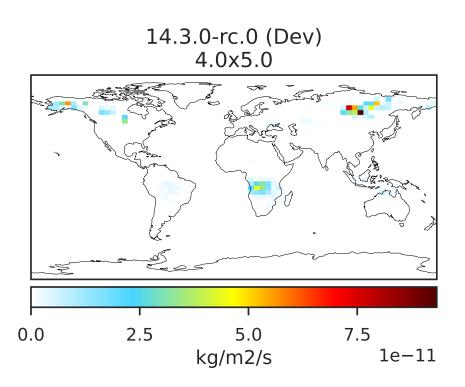


Zero throughout domain kg/m2/s

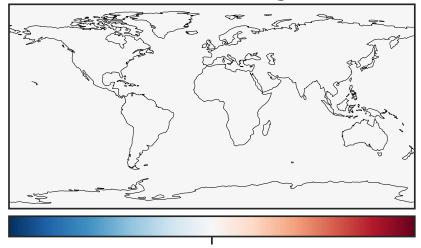
Ratio Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain unitless

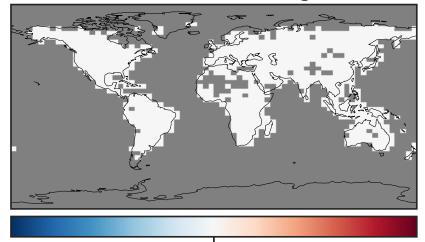


Difference Dev - Ref, Restricted Range [5%,95%]



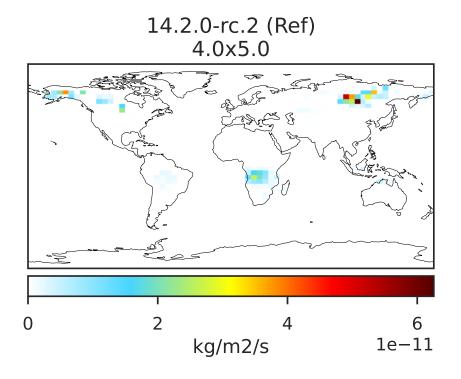
Zero throughout domain kg/m2/s

Ratio Dev/Ref, Fixed Range

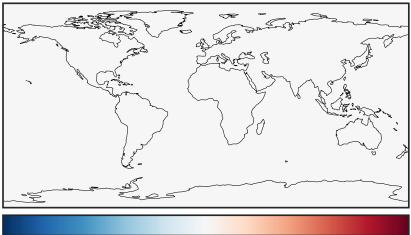


Ref and Dev equal throughout domain unitless

# EmisGLYX\_Total (Jul2019)

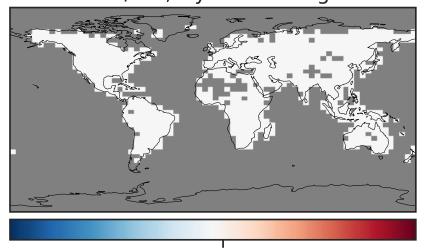


Difference Dev - Ref, Dynamic Range

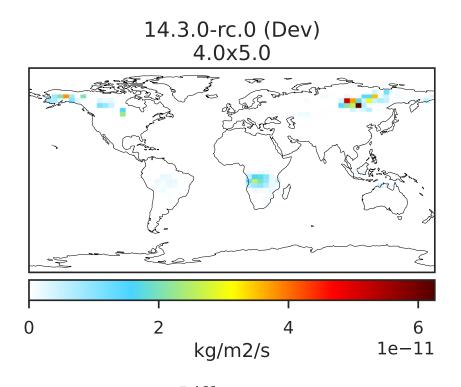


Zero throughout domain kg/m2/s

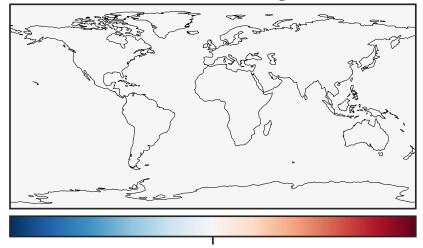
Ratio Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain unitless

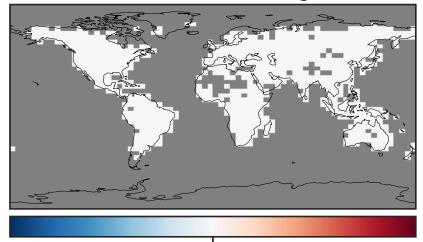


Difference Dev - Ref, Restricted Range [5%,95%]



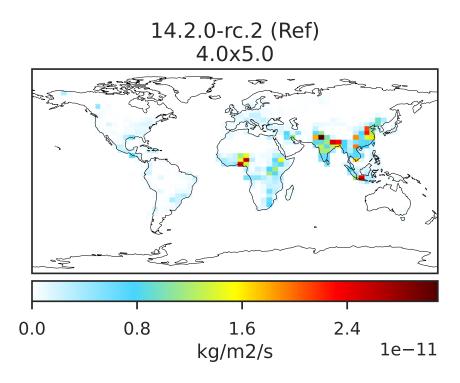
Zero throughout domain kg/m2/s

Ratio Dev/Ref, Fixed Range

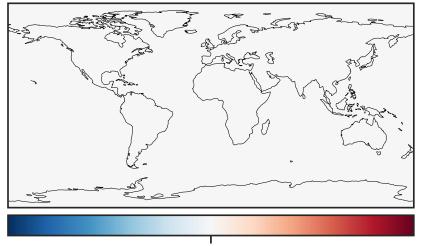


Ref and Dev equal throughout domain unitless

# EmisHCOOH\_Total (Jul2019)

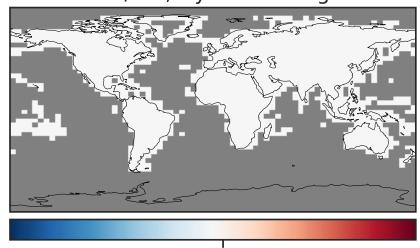


Difference Dev - Ref, Dynamic Range

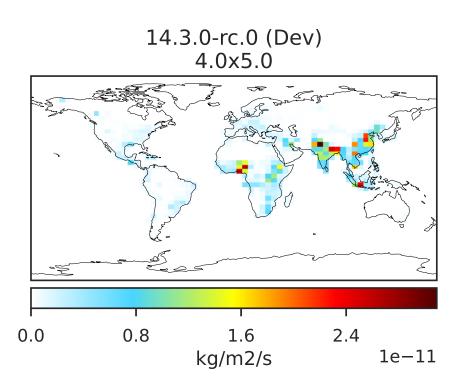


Zero throughout domain kg/m2/s

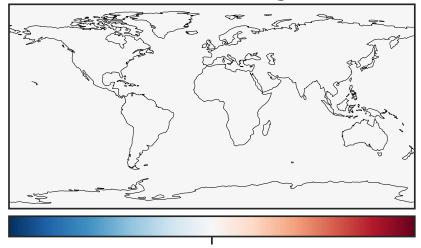
Ratio Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain unitless

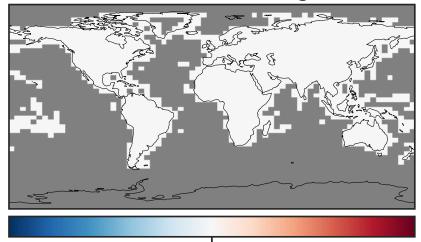


Difference Dev - Ref, Restricted Range [5%,95%]



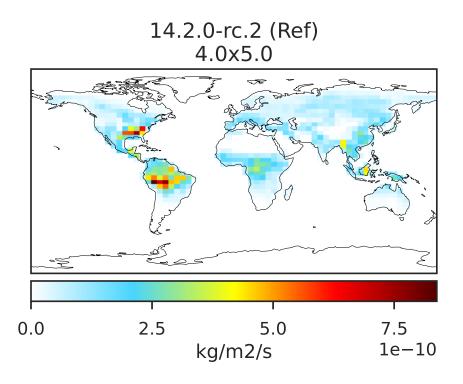
Zero throughout domain kg/m2/s

Ratio Dev/Ref, Fixed Range

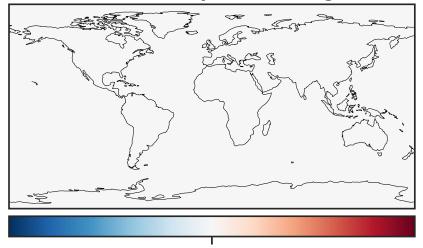


Ref and Dev equal throughout domain unitless

# EmisISOP\_Total (Jul2019)

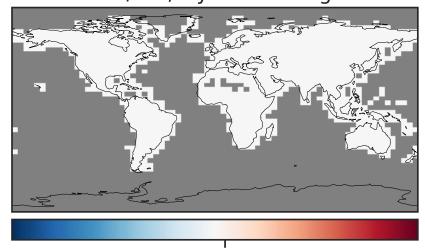


Difference Dev - Ref, Dynamic Range

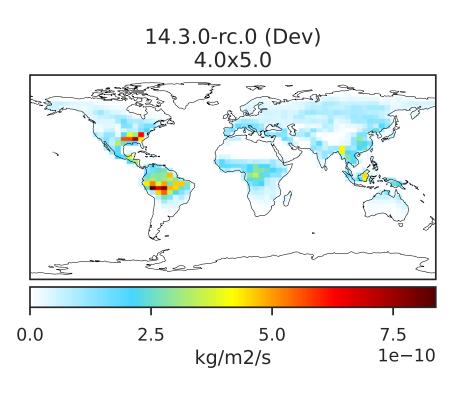


Zero throughout domain kg/m2/s

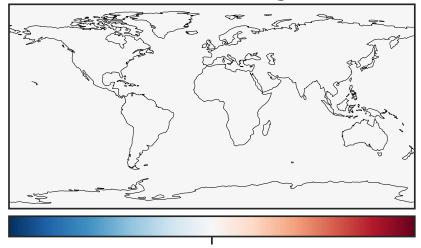
Ratio Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain unitless

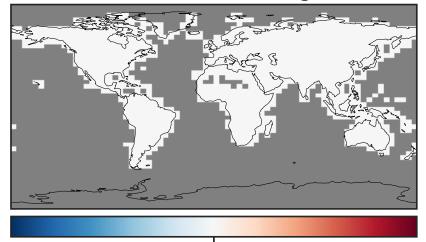


Difference Dev - Ref, Restricted Range [5%,95%]



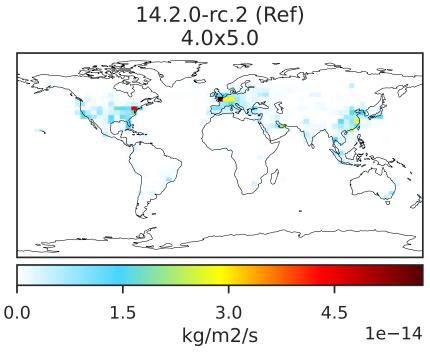
Zero throughout domain kg/m2/s

Ratio Dev/Ref, Fixed Range



Ref and Dev equal throughout domain unitless

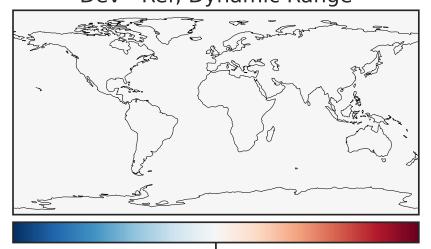
## EmisMACR\_Total (Jul2019)



kg/m2/s Difference Difference Dev - Ref, Dynamic Range Dev - Ref, Restricted Range [5%,95%]

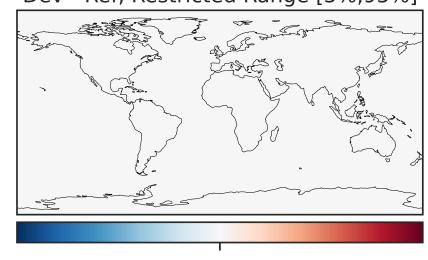
0.0

1.5



Zero throughout domain kg/m2/s

Ratio



3.0

4.5

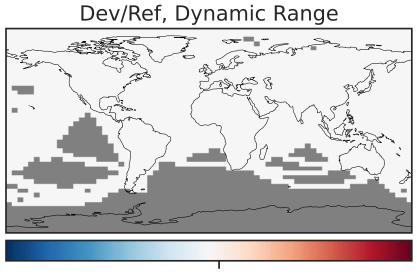
1e-14

14.3.0-rc.0 (Dev)

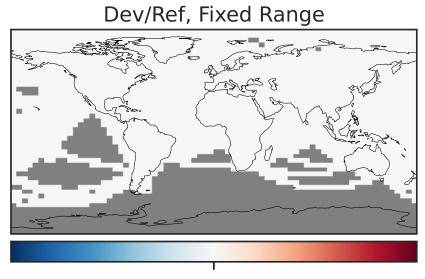
4.0x5.0

Zero throughout domain kg/m2/s

Ratio

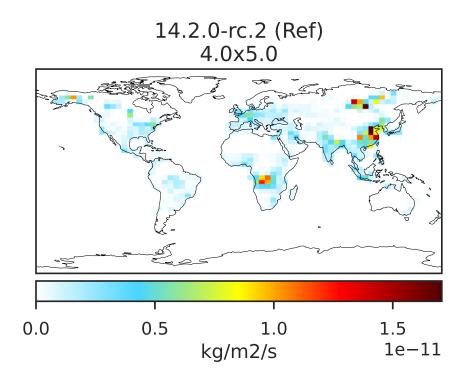


Ref and Dev equal throughout domain unitless

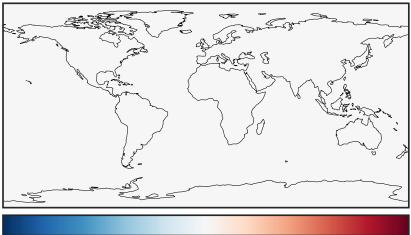


Ref and Dev equal throughout domain unitless

## EmisMEK\_Total (Jul2019)

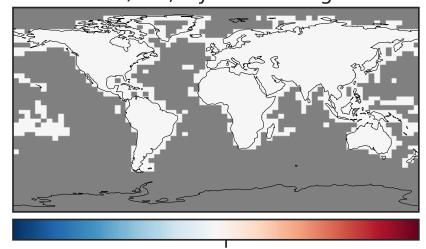


Difference Dev - Ref, Dynamic Range

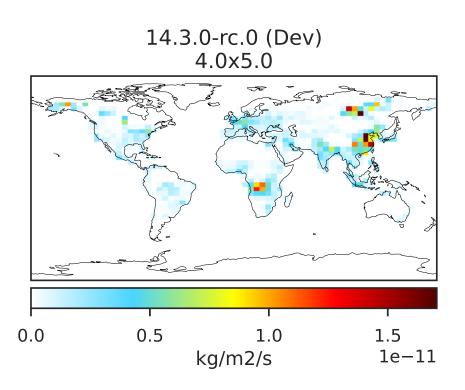


Zero throughout domain kg/m2/s

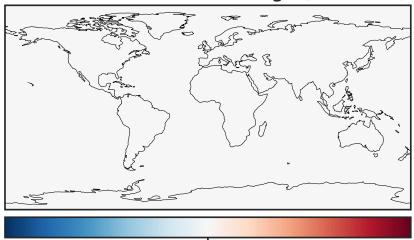
Ratio Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain unitless

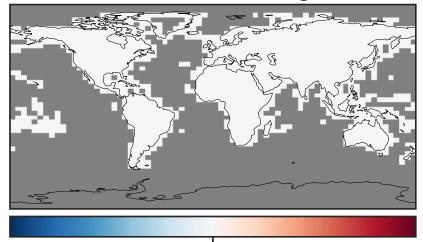


Difference Dev - Ref, Restricted Range [5%,95%]



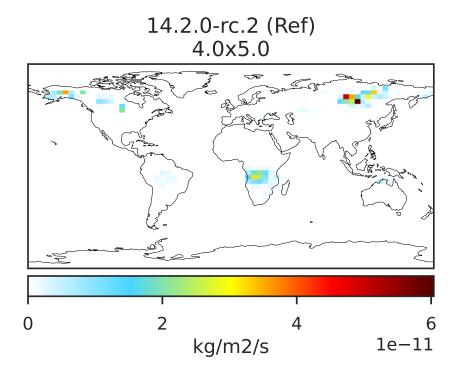
Zero throughout domain kg/m2/s

Ratio Dev/Ref, Fixed Range

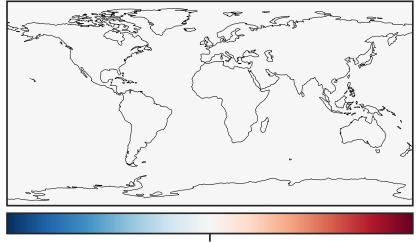


Ref and Dev equal throughout domain unitless

# EmisMGLY\_Total (Jul2019)

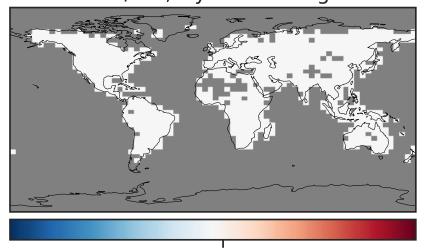


Difference Dev - Ref, Dynamic Range

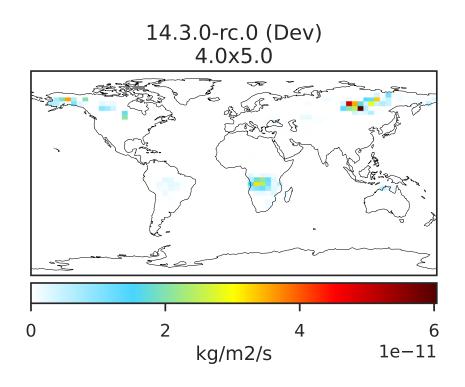


Zero throughout domain kg/m2/s

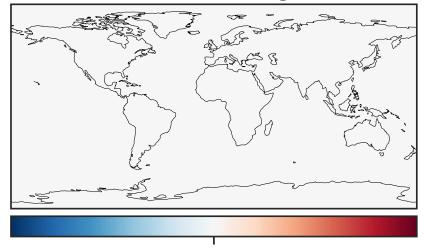
Ratio Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain unitless

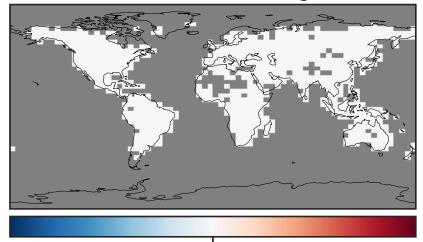


Difference Dev - Ref, Restricted Range [5%,95%]



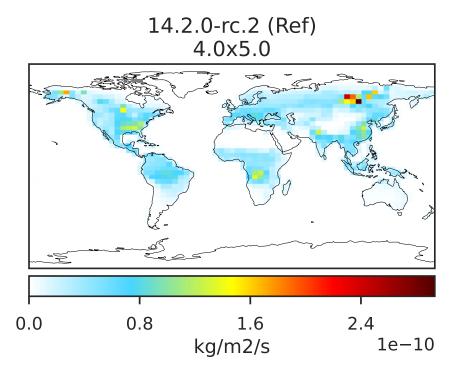
Zero throughout domain kg/m2/s

Ratio Dev/Ref, Fixed Range

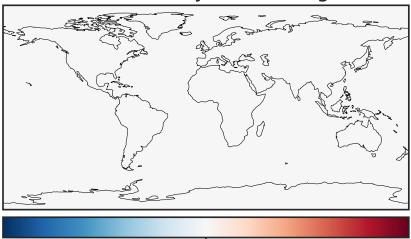


Ref and Dev equal throughout domain unitless

# EmisMOH\_Total (Jul2019)

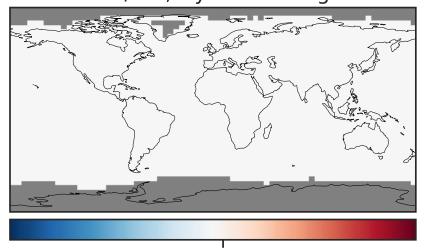


Difference Dev - Ref, Dynamic Range

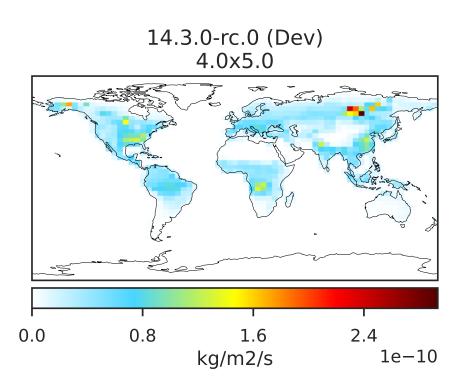


Zero throughout domain kg/m2/s

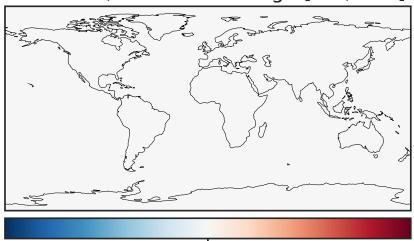
Ratio Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain unitless

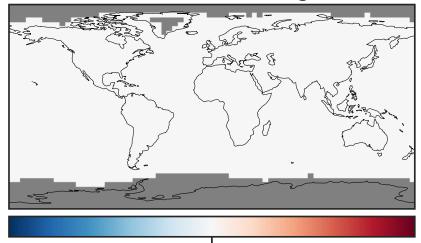


Difference Dev - Ref, Restricted Range [5%,95%]



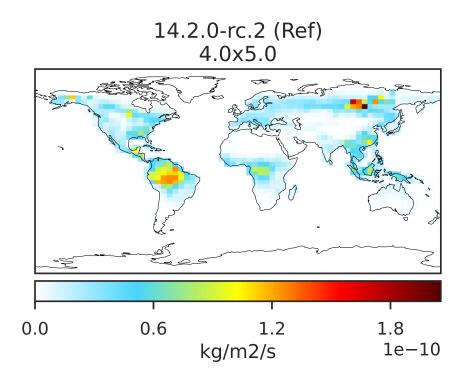
Zero throughout domain kg/m2/s

Ratio Dev/Ref, Fixed Range

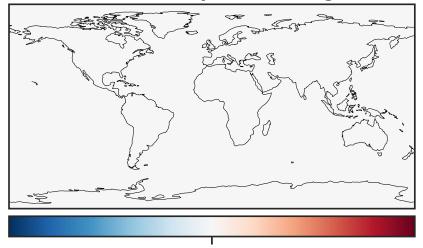


Ref and Dev equal throughout domain unitless

## EmisMTPA\_Total (Jul2019)

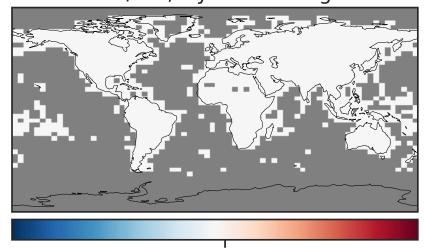


Difference Dev - Ref, Dynamic Range

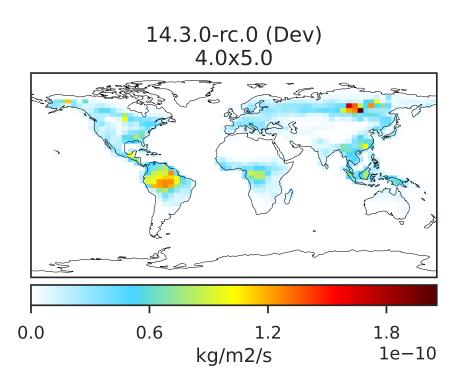


Zero throughout domain kg/m2/s

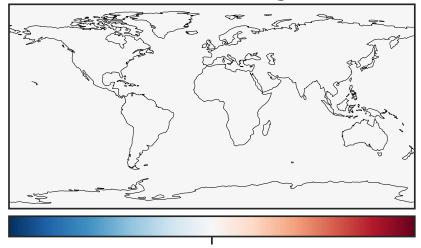
Ratio Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain unitless

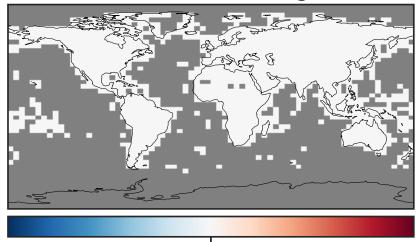


Difference Dev - Ref, Restricted Range [5%,95%]



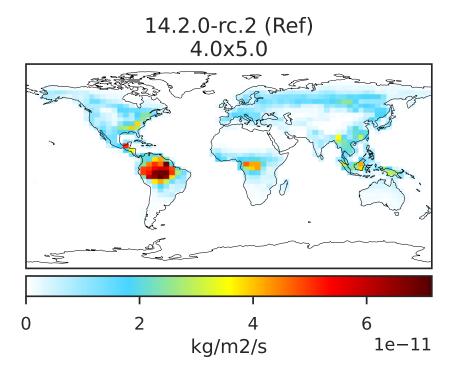
Zero throughout domain kg/m2/s

Ratio Dev/Ref, Fixed Range

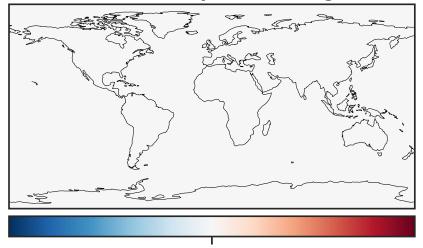


Ref and Dev equal throughout domain unitless

# EmisMTPO\_Total (Jul2019)

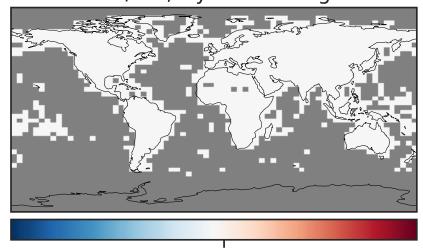


Difference Dev - Ref, Dynamic Range

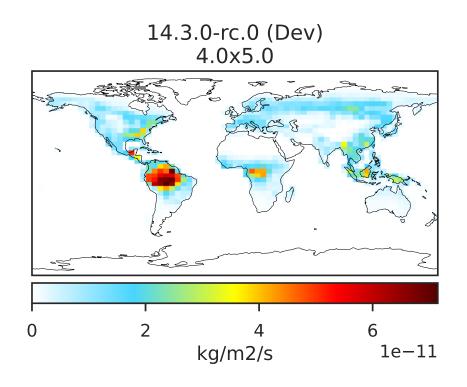


Zero throughout domain kg/m2/s

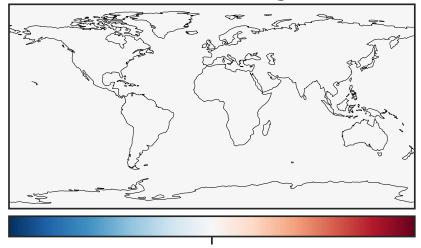
Ratio Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain unitless

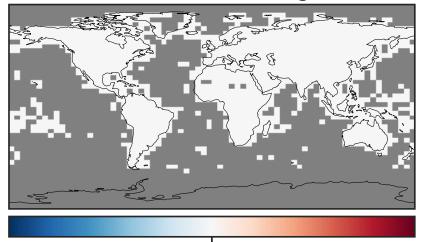


Difference Dev - Ref, Restricted Range [5%,95%]



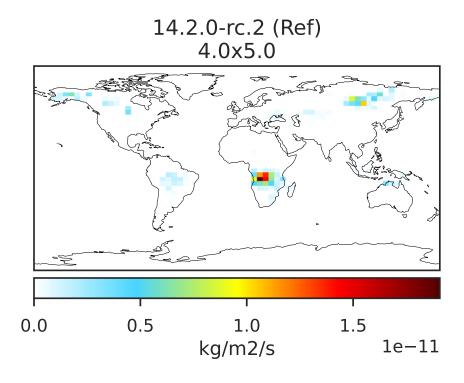
Zero throughout domain kg/m2/s

Ratio Dev/Ref, Fixed Range

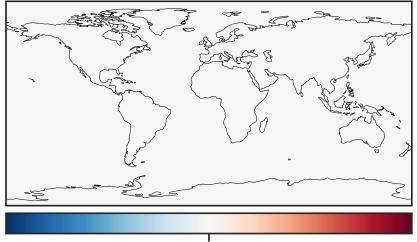


Ref and Dev equal throughout domain unitless

# EmisMVK\_Total (Jul2019)

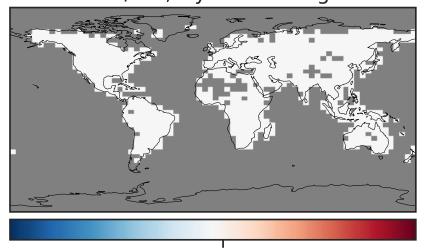


Difference Dev - Ref, Dynamic Range

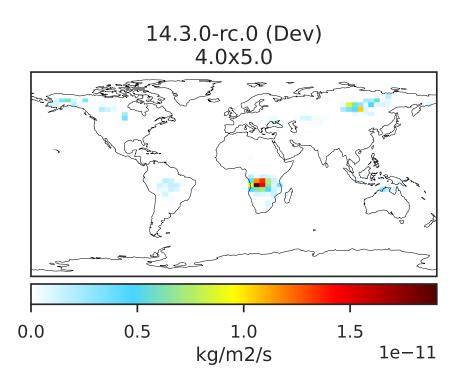


Zero throughout domain kg/m2/s

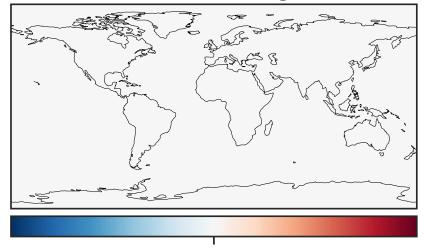
Ratio Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain unitless

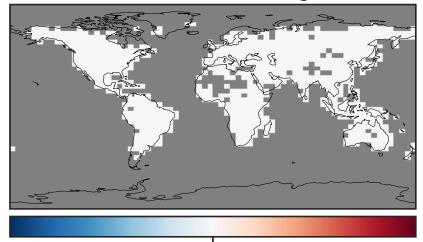


Difference Dev - Ref, Restricted Range [5%,95%]



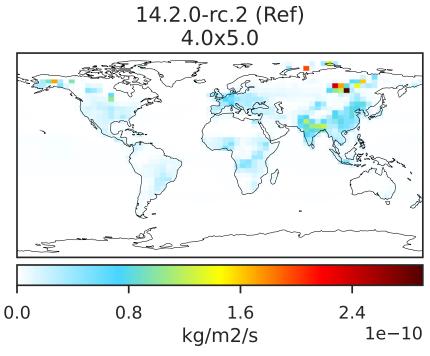
Zero throughout domain kg/m2/s

Ratio Dev/Ref, Fixed Range

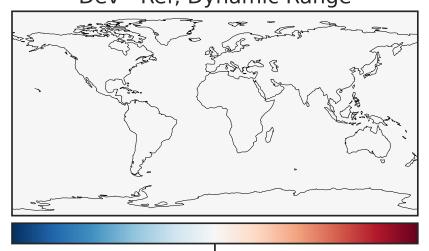


Ref and Dev equal throughout domain unitless

# EmisNH3\_Total (Jul2019)

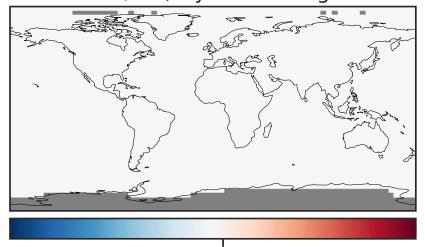


Difference
Dev - Ref, Dynamic Range

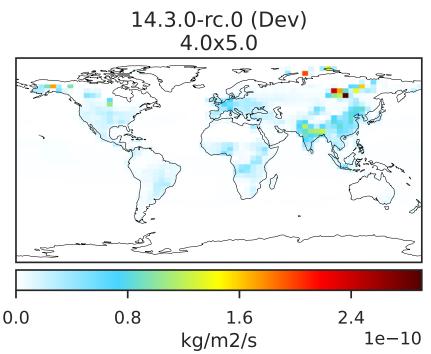


Zero throughout domain kg/m2/s

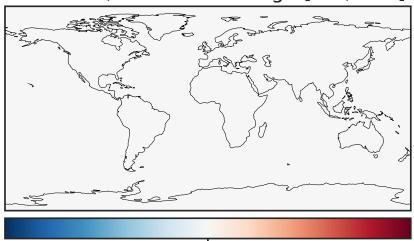
Ratio Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain unitless

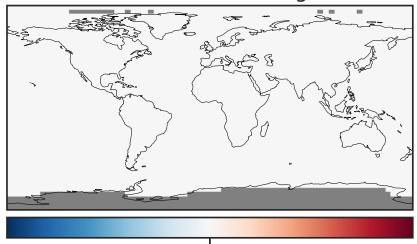


Difference Dev - Ref, Restricted Range [5%,95%]



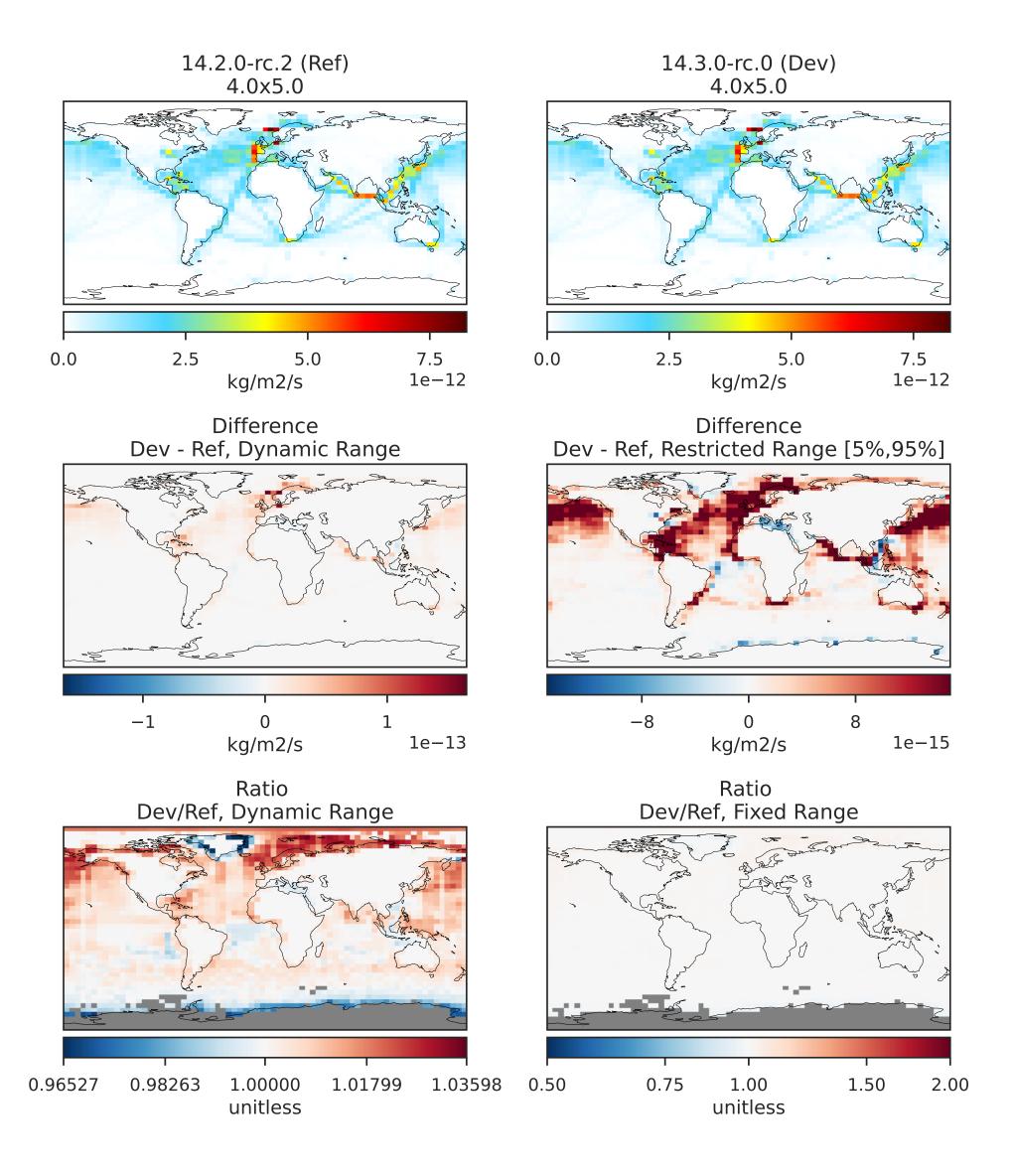
Zero throughout domain kg/m2/s

Ratio Dev/Ref, Fixed Range

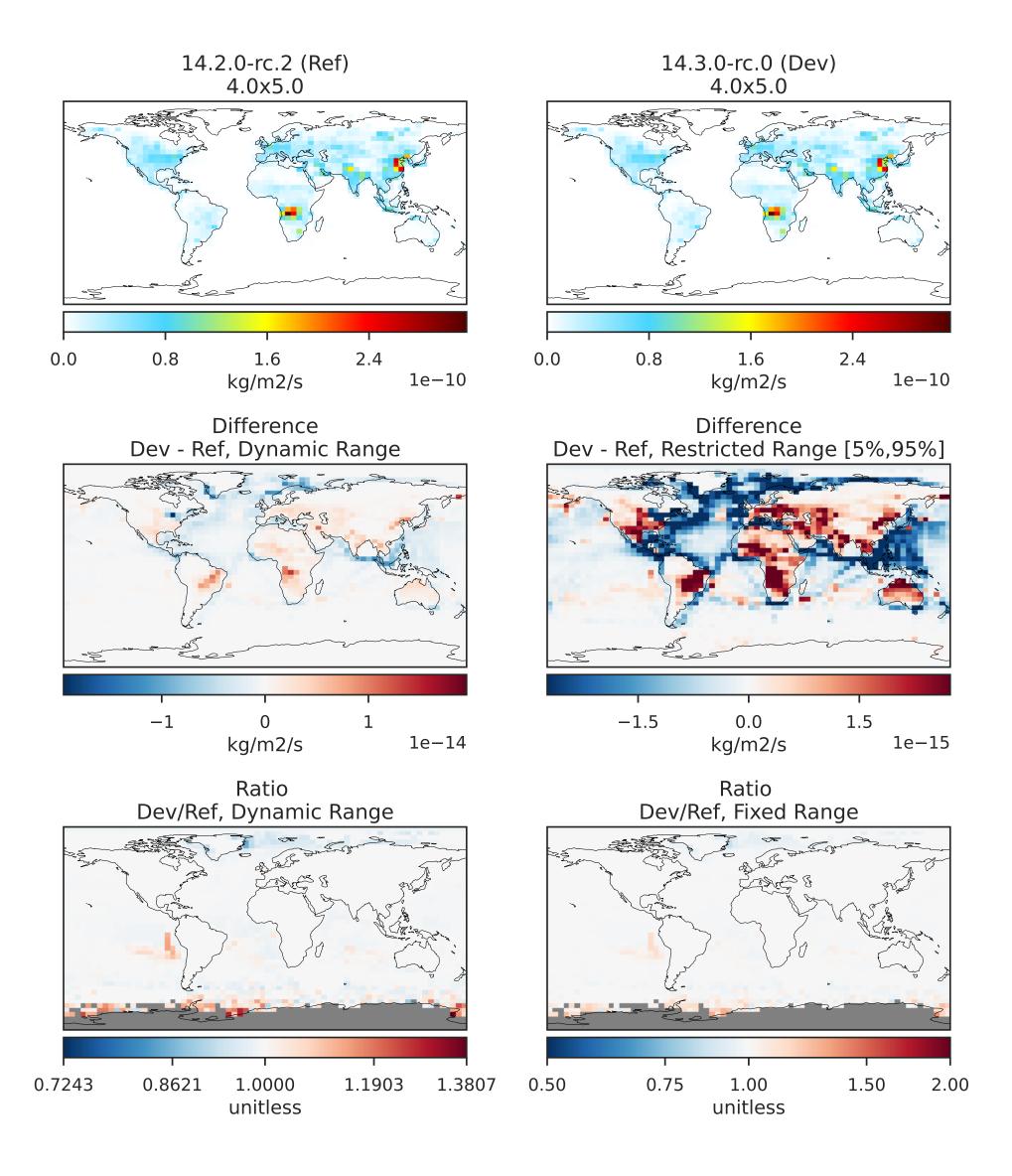


Ref and Dev equal throughout domain unitless

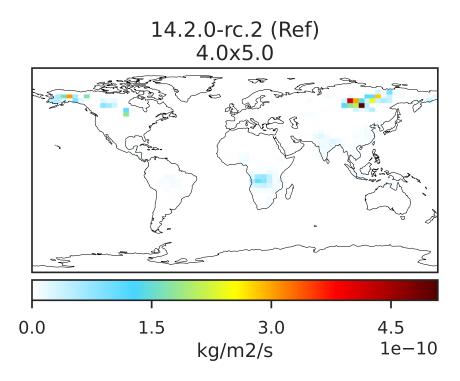
# EmisNO2\_Total (Jul2019)



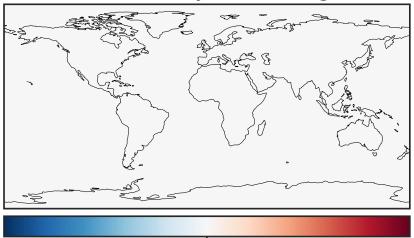
# EmisNO\_Total (Jul2019)



## EmisOCPI\_Total (Jul2019)

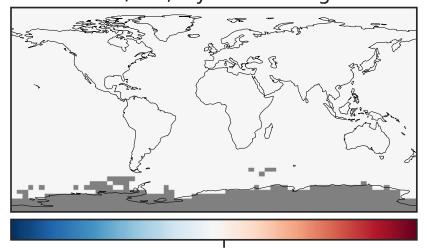


Difference Dev - Ref, Dynamic Range

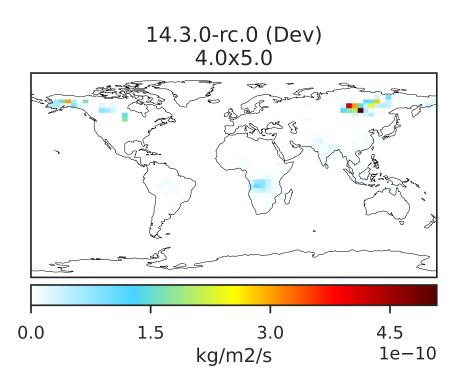


Zero throughout domain kg/m2/s

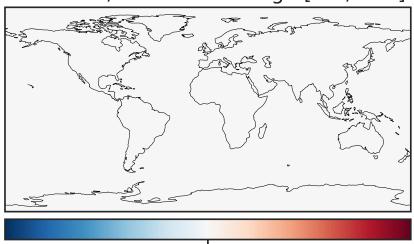
Ratio Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain unitless

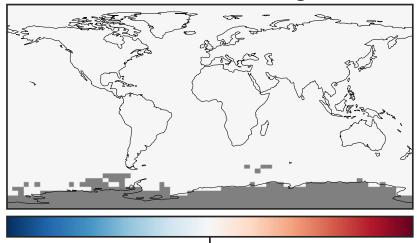


Difference Dev - Ref, Restricted Range [5%,95%]



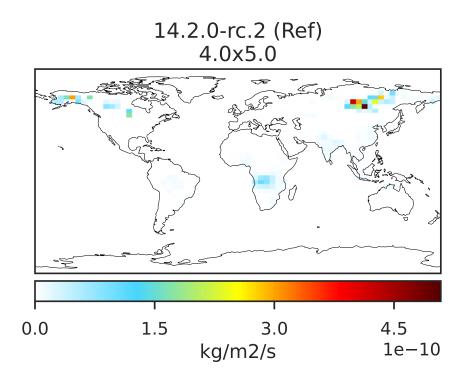
Zero throughout domain kg/m2/s

Ratio Dev/Ref, Fixed Range

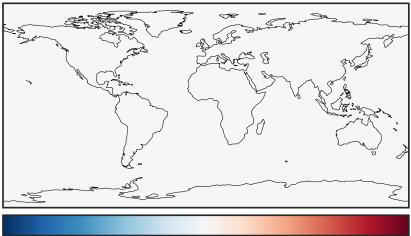


Ref and Dev equal throughout domain unitless

# EmisOCPO\_Total (Jul2019)

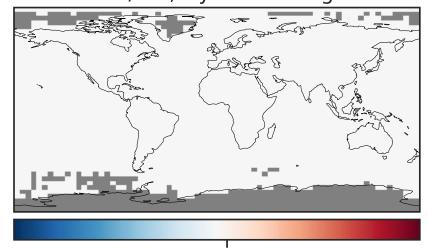


Difference Dev - Ref, Dynamic Range

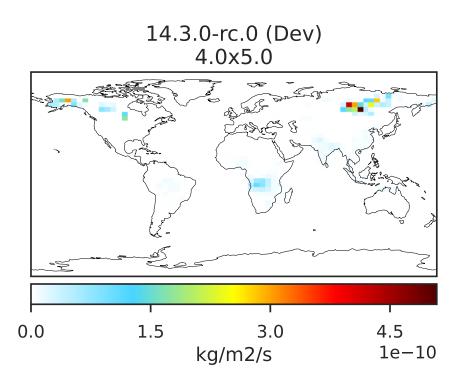


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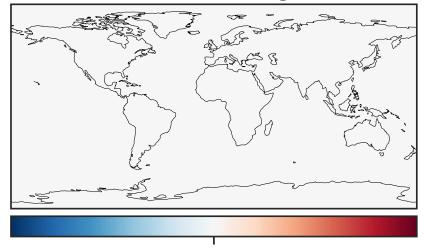
Ratio Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain unitless

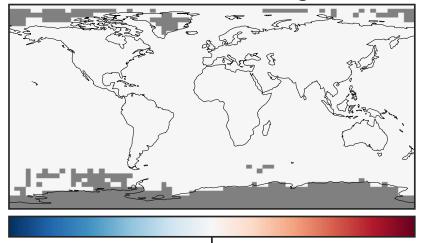


Difference Dev - Ref, Restricted Range [5%,95%]



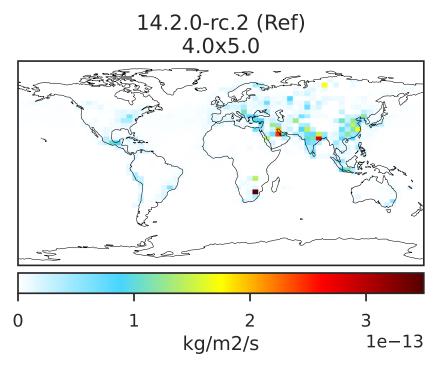
Zero throughout domain kg/m2/s

Ratio Dev/Ref, Fixed Range

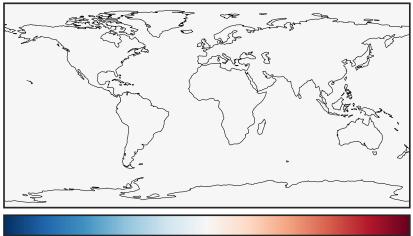


Ref and Dev equal throughout domain unitless

# EmispFe\_Total (Jul2019)

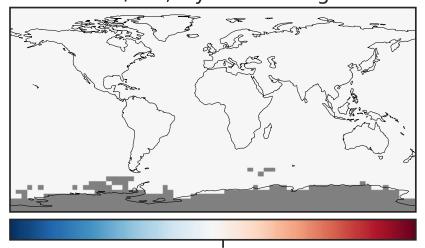


Difference Dev - Ref, Dynamic Range

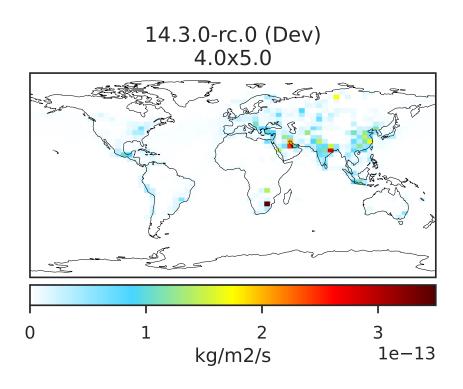


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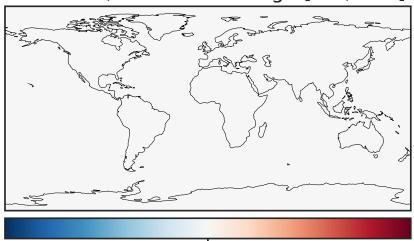
Ratio Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain unitless

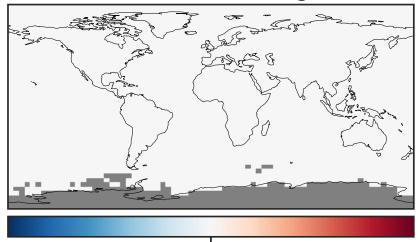


Difference Dev - Ref, Restricted Range [5%,95%]



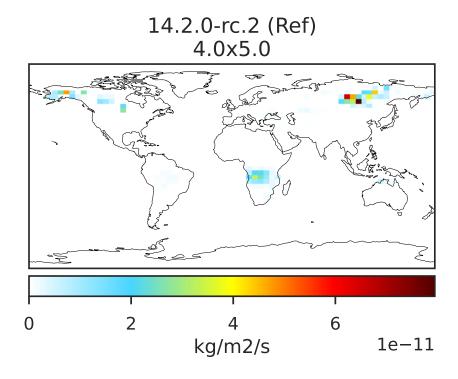
Zero throughout domain kg/m2/s

Ratio Dev/Ref, Fixed Range

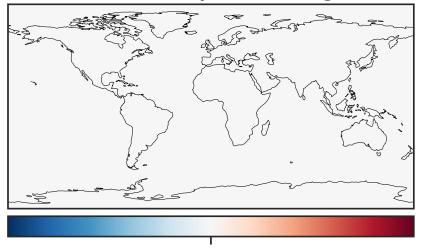


Ref and Dev equal throughout domain unitless

# EmisPHEN\_Total (Jul2019)

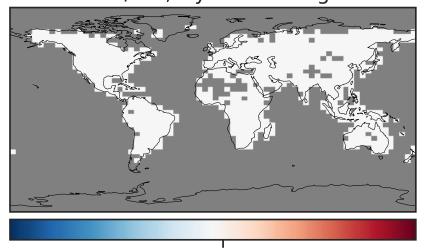


Difference Dev - Ref, Dynamic Range

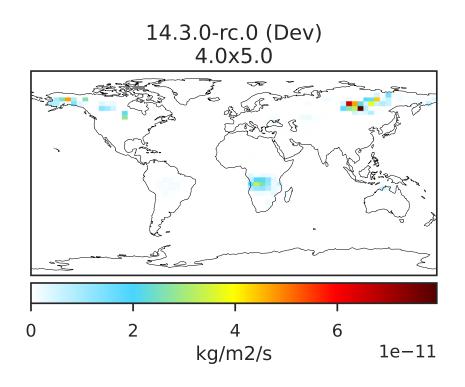


Zero throughout domain kg/m2/s

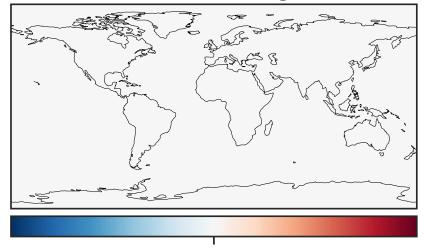
Ratio Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain unitless

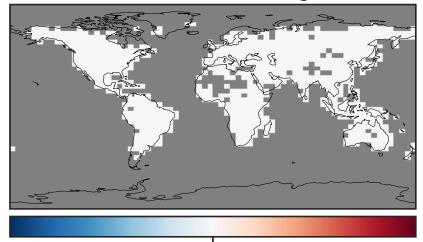


Difference Dev - Ref, Restricted Range [5%,95%]



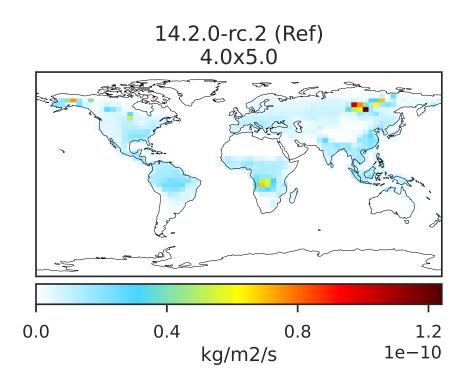
Zero throughout domain kg/m2/s

Ratio Dev/Ref, Fixed Range



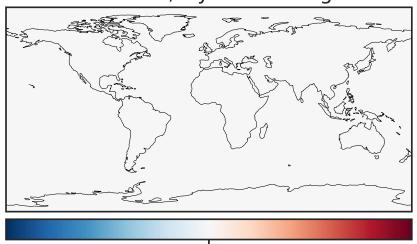
Ref and Dev equal throughout domain unitless

# EmisPRPE\_Total (Jul2019)

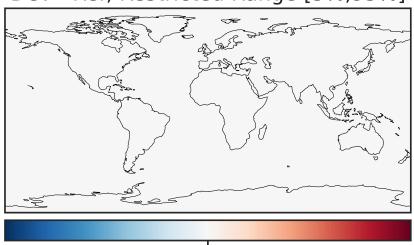


14.3.0-rc.0 (Dev) 4.0x5.0 0.0 0.4 0.8 1.2 kg/m2/s 1e-10

Difference Dev - Ref, Dynamic Range



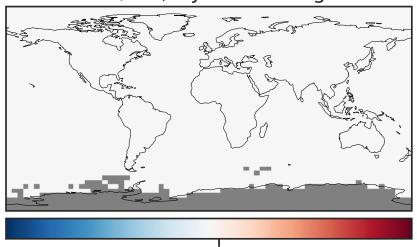
Difference Dev - Ref, Restricted Range [5%,95%]



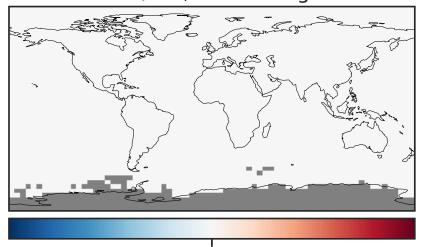
Zero throughout domain kg/m2/s

Zero throughout domain kg/m2/s

Ratio Dev/Ref, Dynamic Range



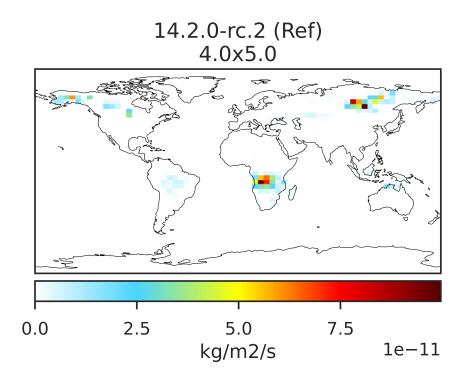
Ratio Dev/Ref, Fixed Range



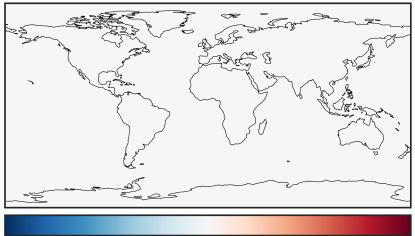
Ref and Dev equal throughout domain unitless

Ref and Dev equal throughout domain unitless

# EmisRCHO\_Total (Jul2019)

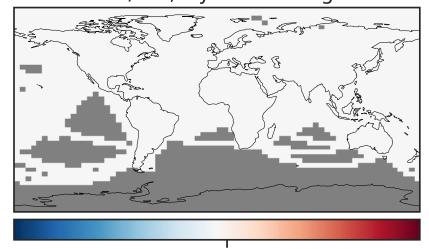


Difference Dev - Ref, Dynamic Range

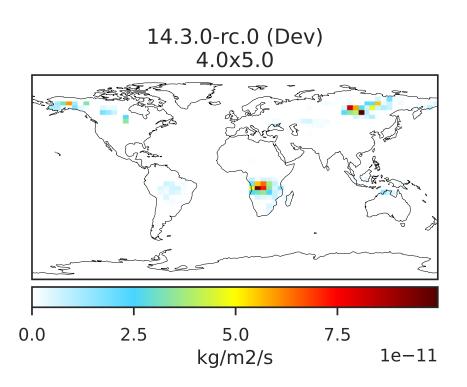


Zero throughout domain kg/m2/s

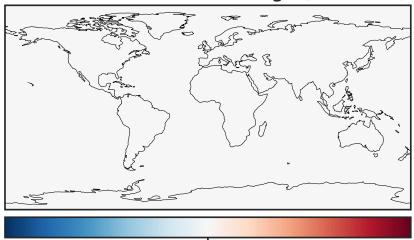
Ratio Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain unitless

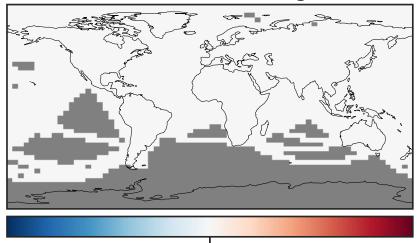


Difference Dev - Ref, Restricted Range [5%,95%]



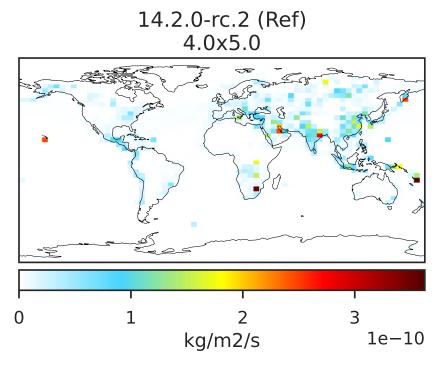
Zero throughout domain kg/m2/s

Ratio Dev/Ref, Fixed Range

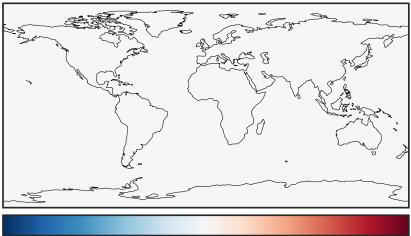


Ref and Dev equal throughout domain unitless

# EmisSO2\_Total (Jul2019)

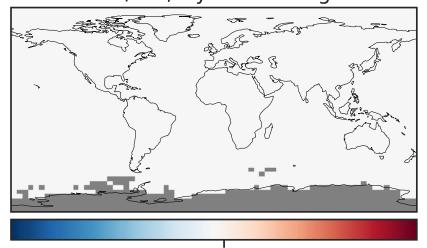


Difference Dev - Ref, Dynamic Range

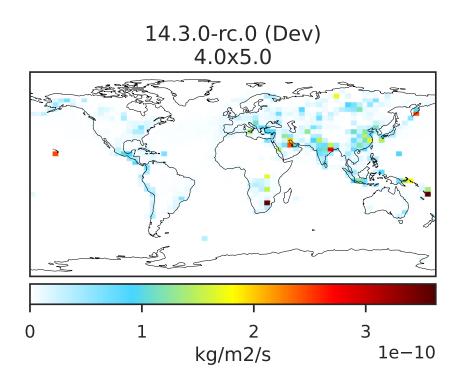


Zero throughout domain kg/m2/s

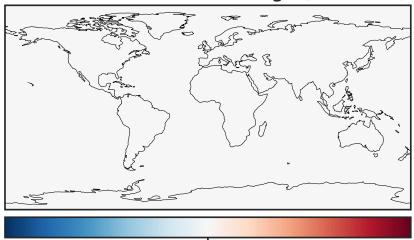
Ratio Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain unitless

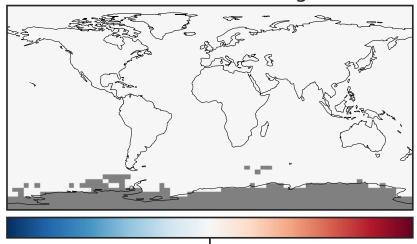


Difference Dev - Ref, Restricted Range [5%,95%]



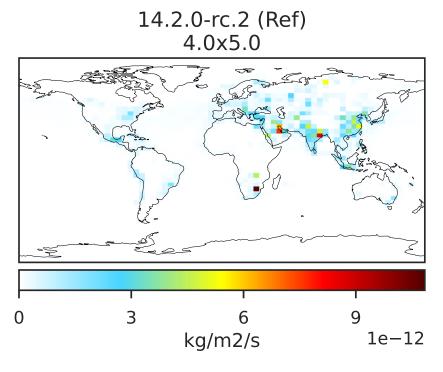
Zero throughout domain kg/m2/s

Ratio Dev/Ref, Fixed Range

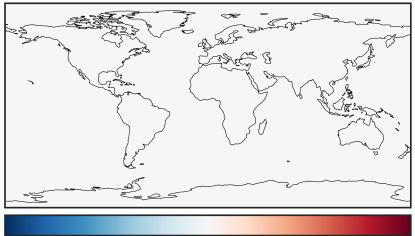


Ref and Dev equal throughout domain unitless

# EmisSO4\_Total (Jul2019)

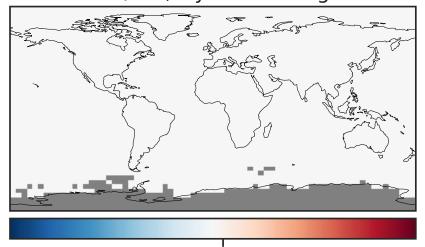


Difference Dev - Ref, Dynamic Range

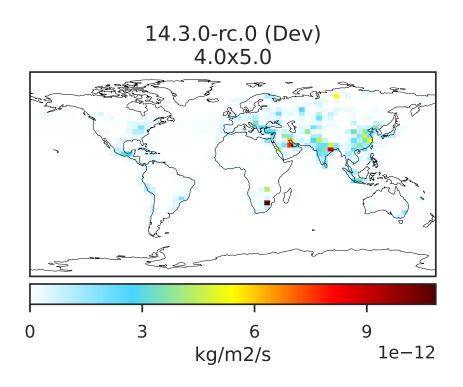


Zero throughout domain kg/m2/s

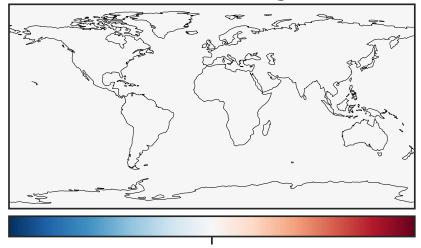
Ratio Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain unitless

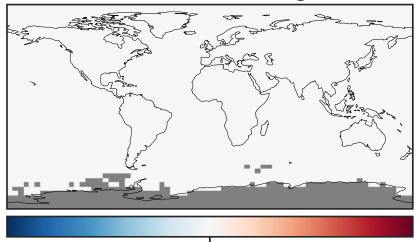


Difference Dev - Ref, Restricted Range [5%,95%]



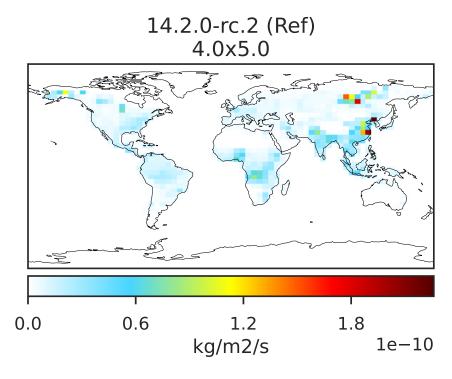
Zero throughout domain kg/m2/s

Ratio Dev/Ref, Fixed Range



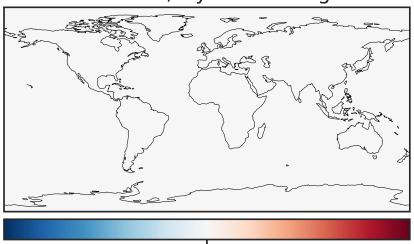
Ref and Dev equal throughout domain unitless

# EmisSOAP\_Total (Jul2019)

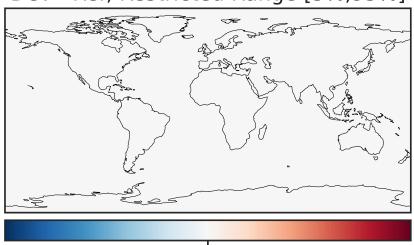


14.3.0-rc.0 (Dev) 4.0x5.0 0.0 0.6 1.2 1.8 kg/m2/s 1e-10

Difference Dev - Ref, Dynamic Range



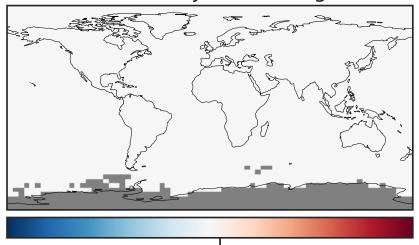
Difference Dev - Ref, Restricted Range [5%,95%]



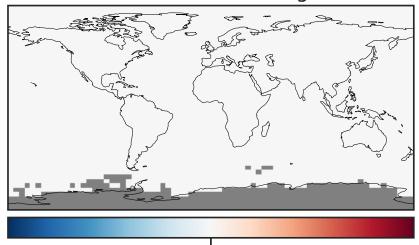
Zero throughout domain kg/m2/s

Zero throughout domain kg/m2/s

Ratio Dev/Ref, Dynamic Range



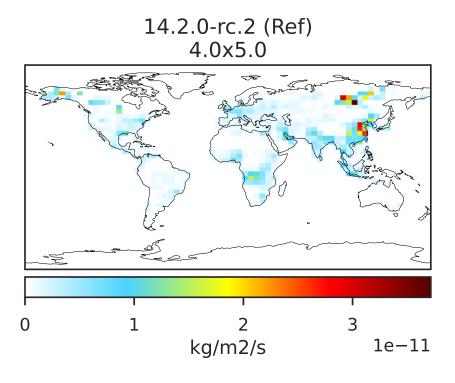
Ratio Dev/Ref, Fixed Range



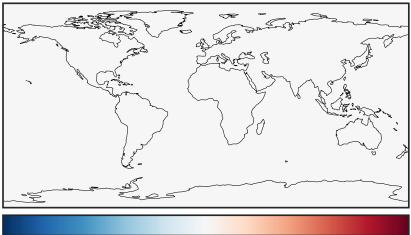
Ref and Dev equal throughout domain unitless

Ref and Dev equal throughout domain unitless

# EmisTOLU\_Total (Jul2019)

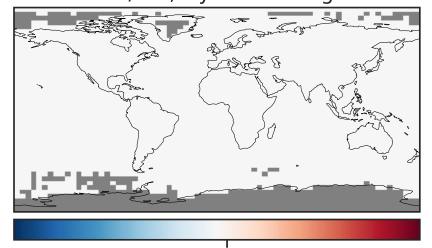


Difference Dev - Ref, Dynamic Range

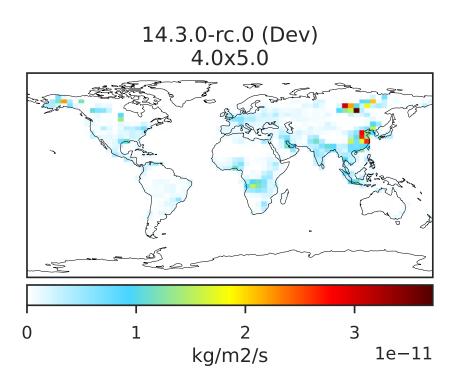


Zero throughout domain kg/m2/s

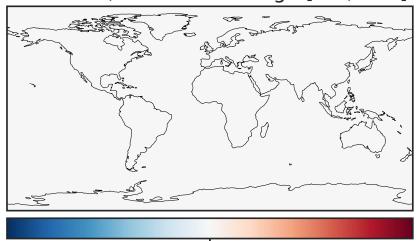
Ratio Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain unitless

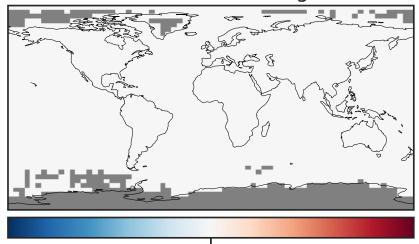


Difference Dev - Ref, Restricted Range [5%,95%]



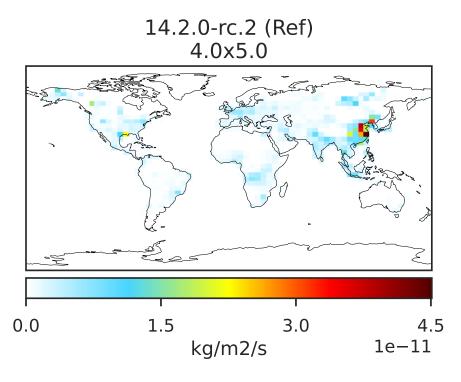
Zero throughout domain kg/m2/s

Ratio Dev/Ref, Fixed Range



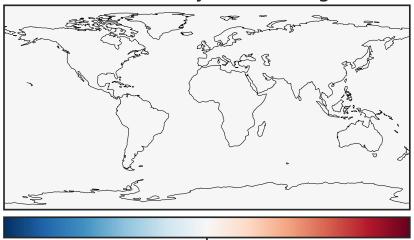
Ref and Dev equal throughout domain unitless

## EmisXYLE\_Total (Jul2019)

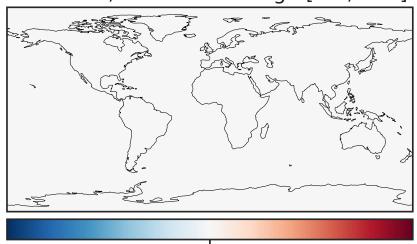


14.3.0-rc.0 (Dev) 4.0x5.0 0.0 1.5 3.0 4.5 kg/m2/s 1e-11

Difference Dev - Ref, Dynamic Range



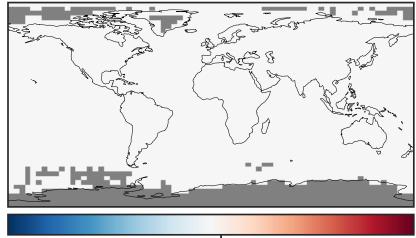
Difference Dev - Ref, Restricted Range [5%,95%]



Zero throughout domain kg/m2/s

kg/mz/s

Ratio Dev/Ref, Dynamic Range



Zero throughout domain kg/m2/s

Ratio Dev/Ref, Fixed Range

Ref and Dev equal throughout domain unitless

Ref and Dev equal throughout domain unitless