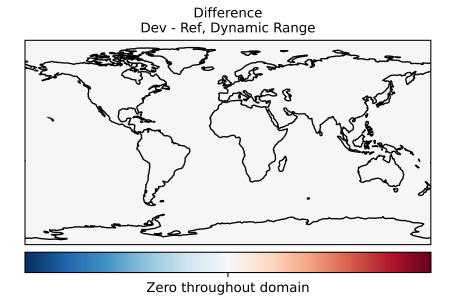
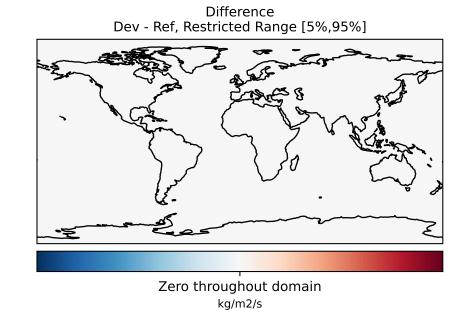
EmisACTA_BioBurn (AnnualMean)

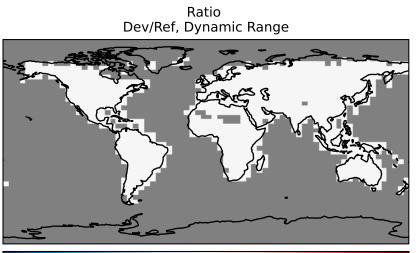
gcc-14.3.0-rc.0 (Ref) 4.0x5.0 7.5 2.5 5.0 0.0 kg/m2/s 1e-11

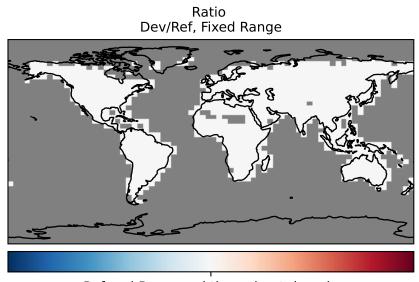
gcc-14.4.0-rc.0 (Dev) 4.0x5.0 2.5 5.0 7.5 0.0 kg/m2/s 1e-11



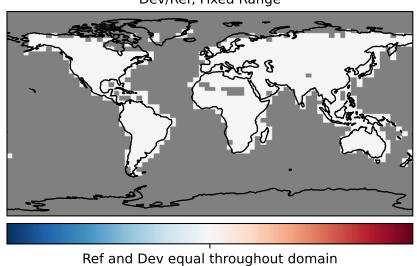
kg/m2/s







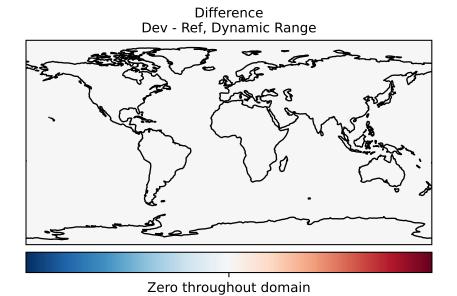
Ref and Dev equal throughout domain unitless



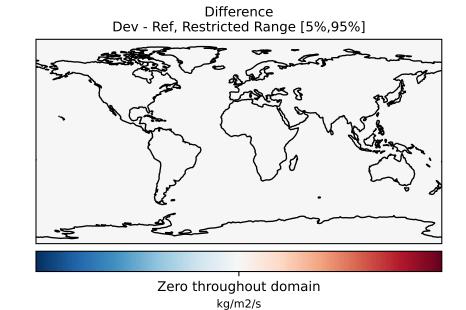
EmisACTA_Total (AnnualMean)

gcc-14.3.0-rc.0 (Ref) 4.0x5.0 7.5 2.5 5.0 0.0 kg/m2/s 1e-11

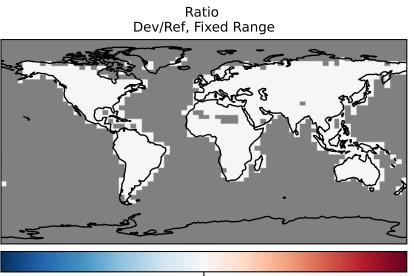
gcc-14.4.0-rc.0 (Dev) 4.0x5.0 2.5 5.0 7.5 0.0 kg/m2/s 1e-11



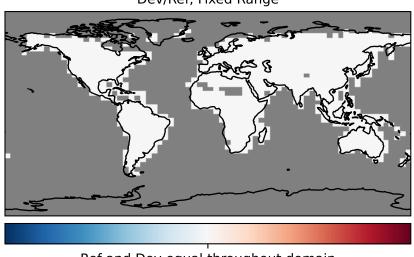
kg/m2/s



Ratio Dev/Ref, Dynamic Range

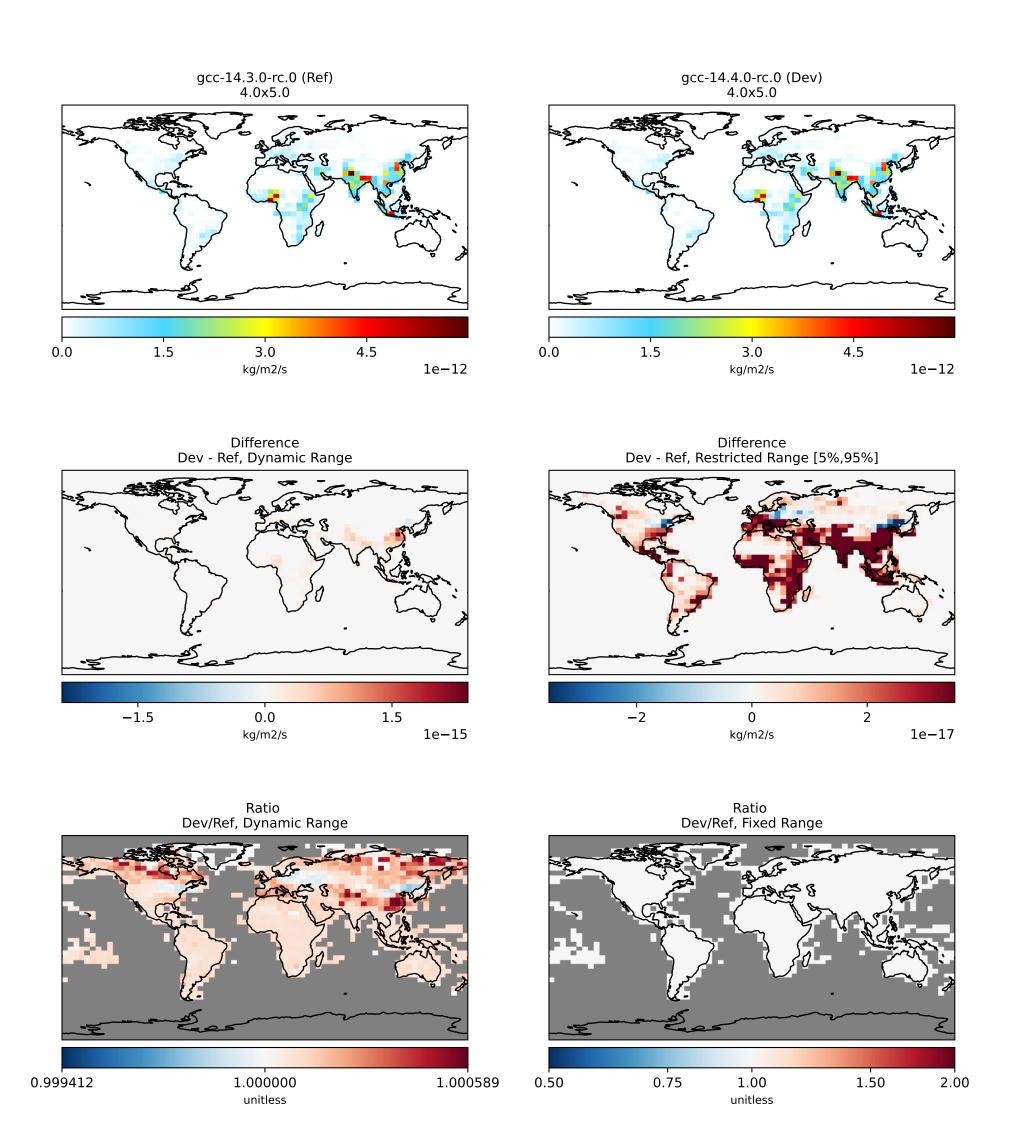


Ref and Dev equal throughout domain unitless



Ref and Dev equal throughout domain unitless

EmisALD2_Anthro (AnnualMean)

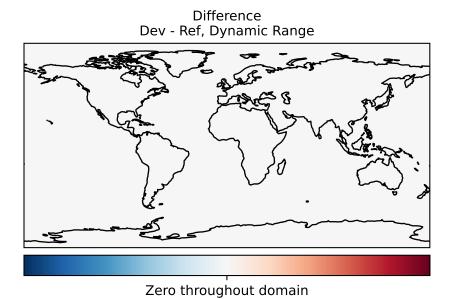


EmisALD2_BioBurn (AnnualMean)

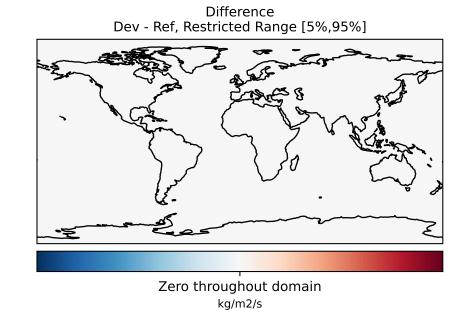
gcc-14.3.0-rc.0 (Ref) 4.0x5.0

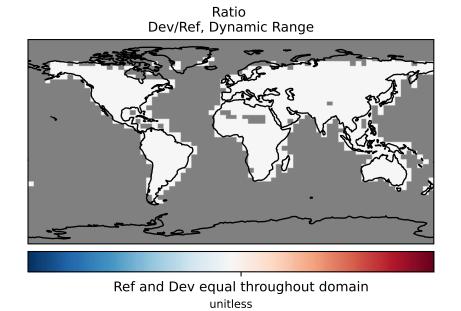
gcc-14.4.0-rc.0 (Dev) 4.0x5.0

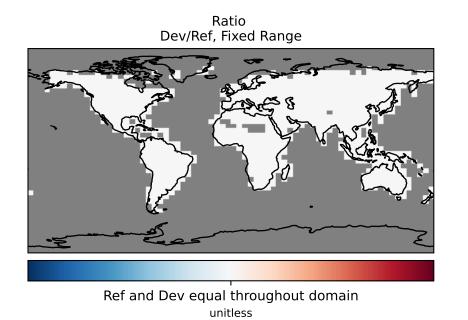
1
2
3
kg/m2/s
1e-11



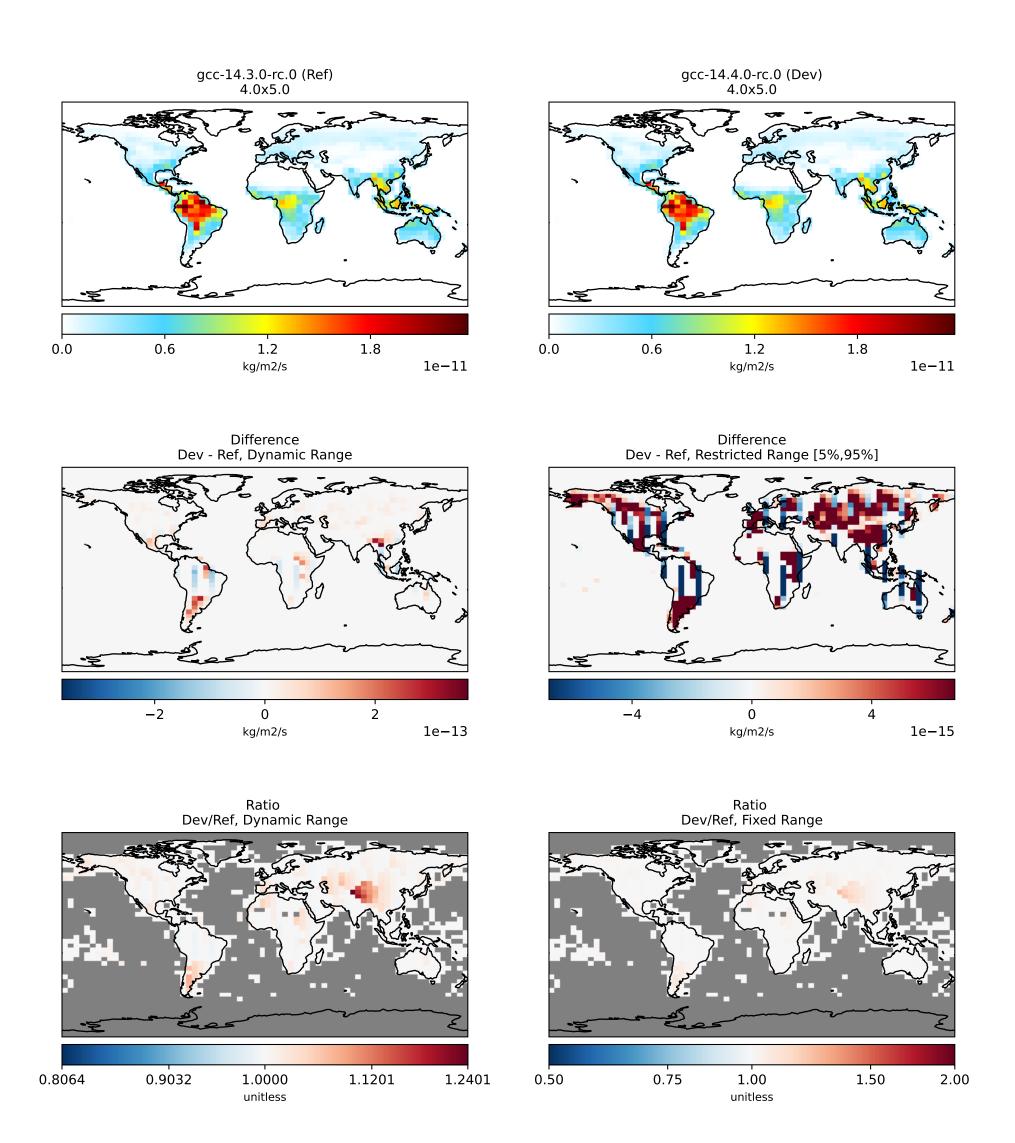
kg/m2/s



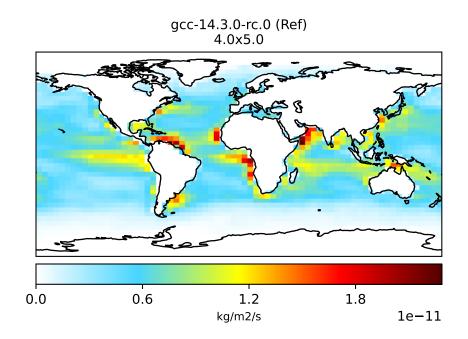


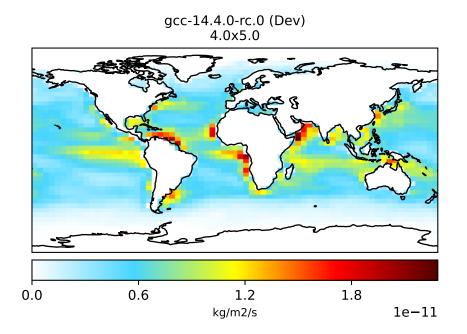


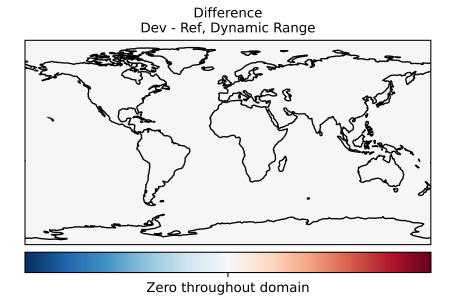
EmisALD2_Biogenic (AnnualMean)



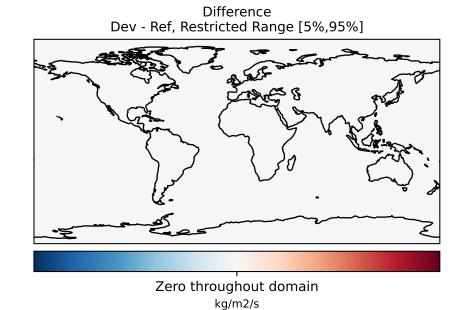
EmisALD2_Ocean (AnnualMean)



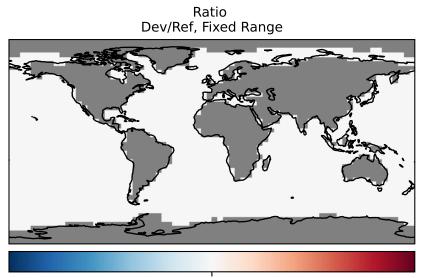




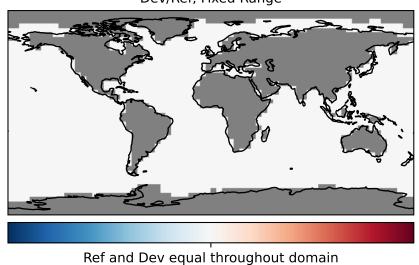
kg/m2/s



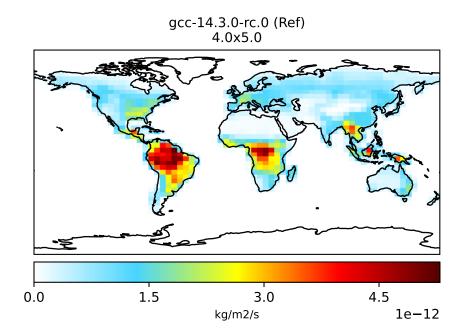
Ratio Dev/Ref, Dynamic Range

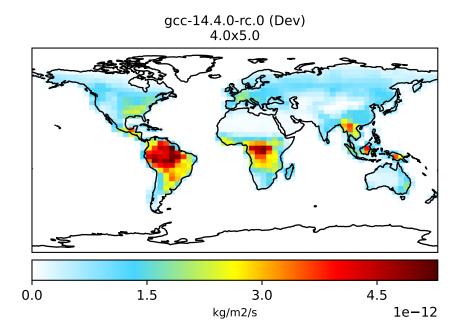


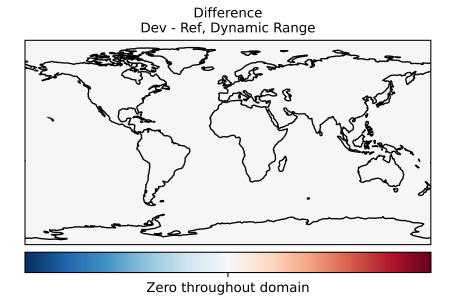
Ref and Dev equal throughout domain unitless



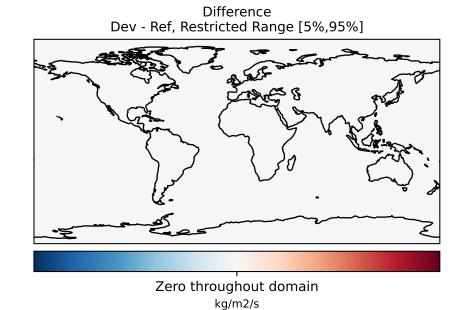
EmisALD2_PlantDecay (AnnualMean)







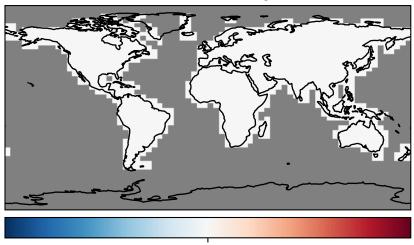
kg/m2/s



Ratio Dev/Ref, Dynamic Range

Ratio Dev/Ref, Fixed Range

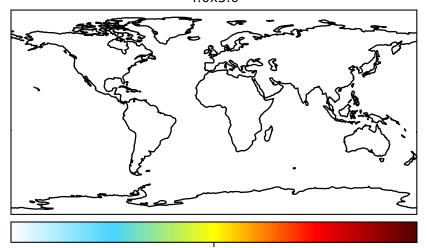
Ref and Dev equal throughout domain unitless



Ref and Dev equal throughout domain unitless

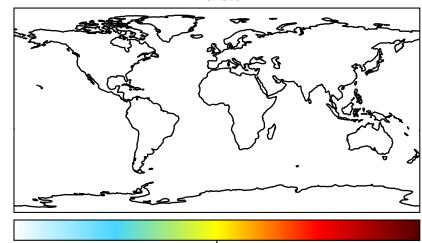
EmisALD2_Ship (AnnualMean)

gcc-14.3.0-rc.0 (Ref) 4.0x5.0



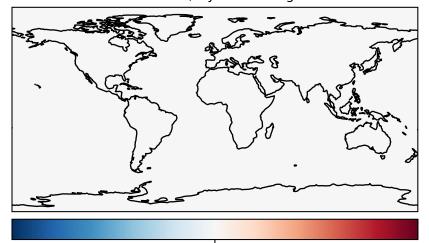
Zero throughout domain kg/m2/s

gcc-14.4.0-rc.0 (Dev) 4.0x5.0



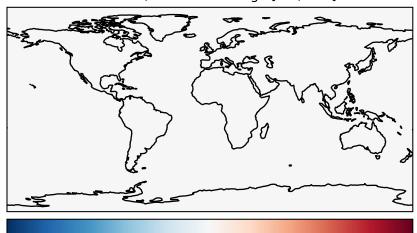
Zero throughout domain kg/m2/s

Difference Dev - Ref, Dynamic Range



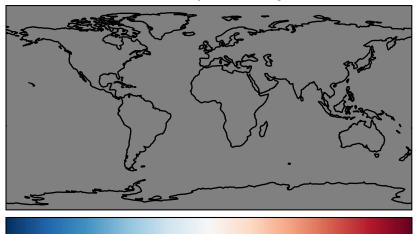
Zero throughout domain kg/m2/s

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



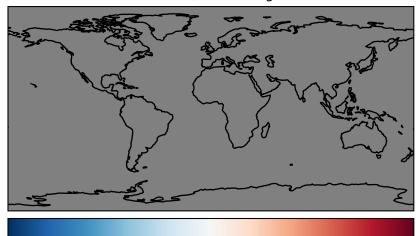
Zero throughout domain kg/m2/s

Ratio Dev/Ref, Dynamic Range



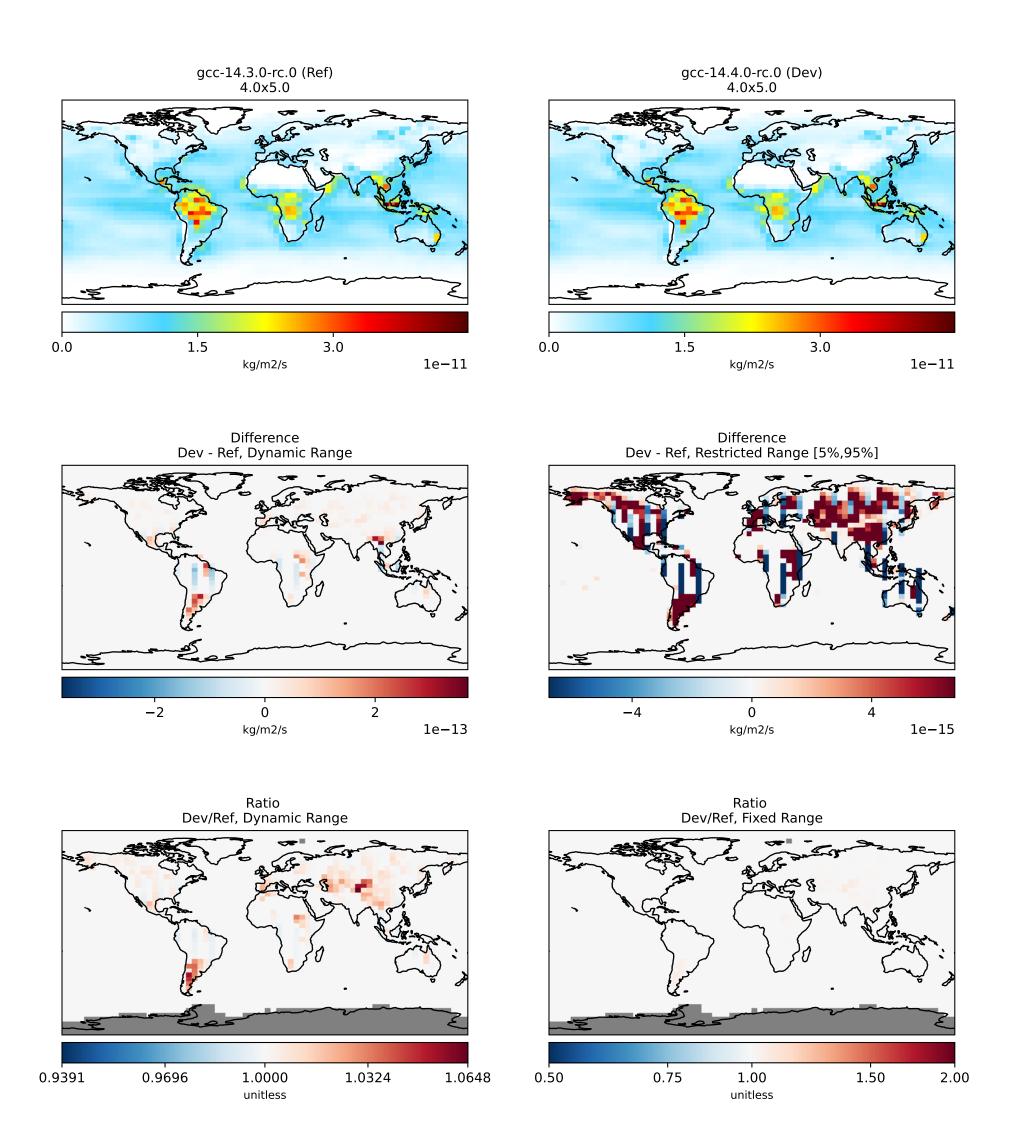
Undefined throughout domain unitless

Ratio Dev/Ref, Fixed Range

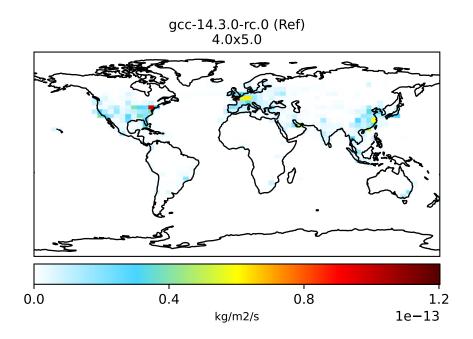


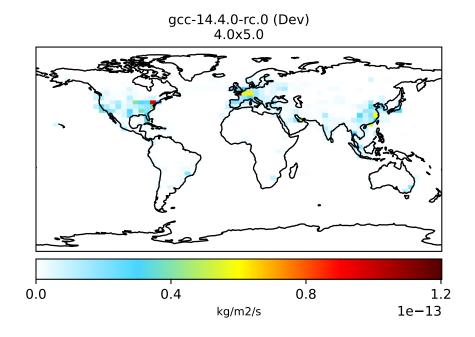
Undefined throughout domain unitless

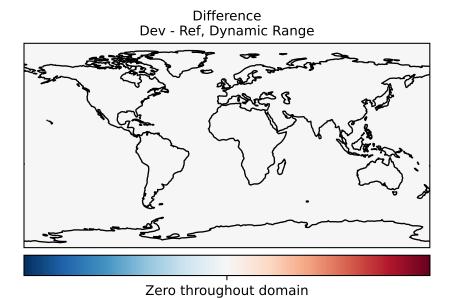
EmisALD2_Total (AnnualMean)



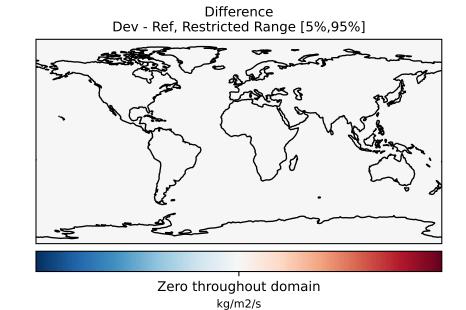
EmisCH2O_Aircraft (AnnualMean)

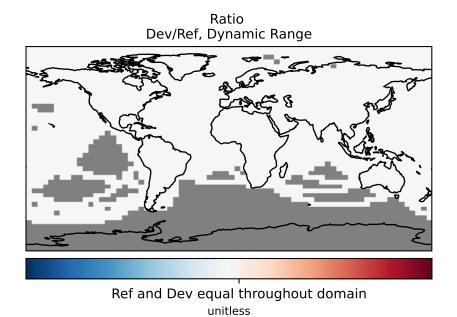


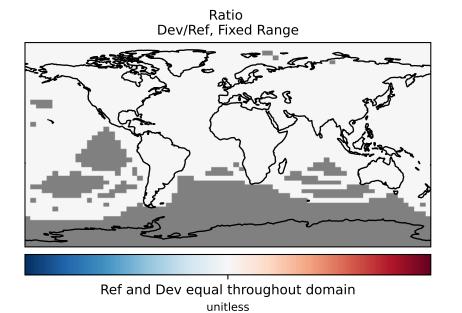




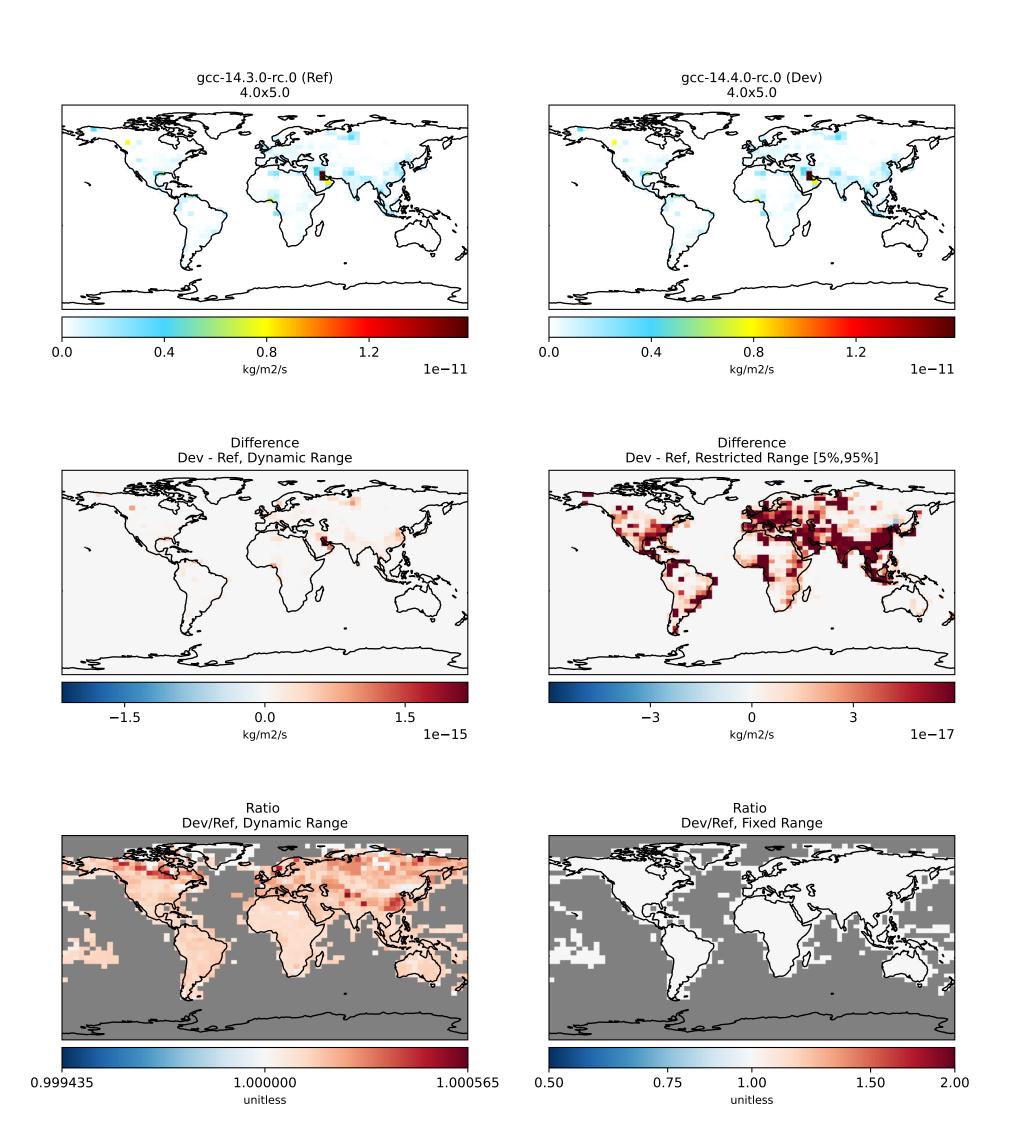
kg/m2/s







EmisCH2O_Anthro (AnnualMean)



EmisCH2O_BioBurn (AnnualMean)

gcc-14.3.0-rc.0 (Ref) 4.0x5.0

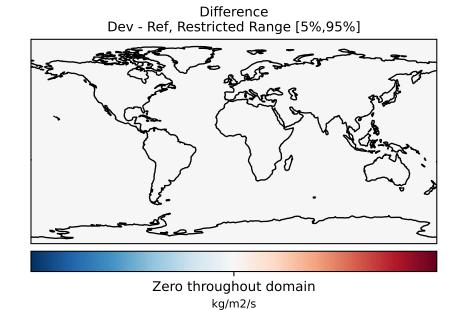
gcc-14.4.0-rc.0 (Dev)
4.0x5.0

1 2 3
kg/m2/s 1e-11

Difference Dev - Ref, Dynamic Range

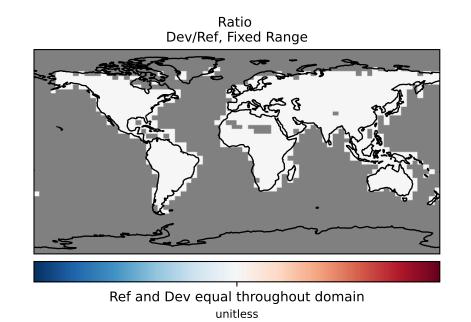
Zero throughout domain

kg/m2/s



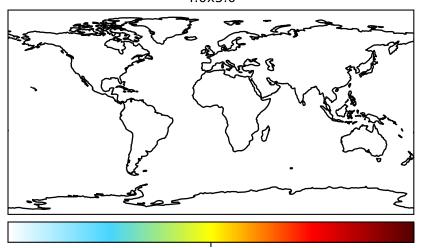
Ratio Dev/Ref, Dynamic Range

Ref and Dev equal throughout domain



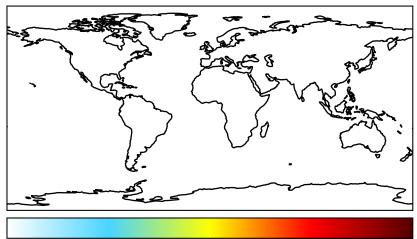
EmisCH2O_Ship (AnnualMean)

gcc-14.3.0-rc.0 (Ref) 4.0x5.0



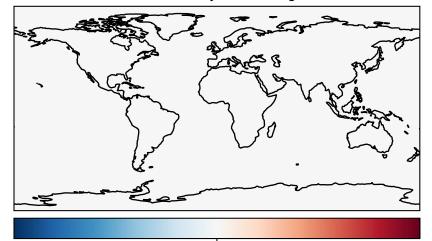
Zero throughout domain kg/m2/s

gcc-14.4.0-rc.0 (Dev) 4.0x5.0



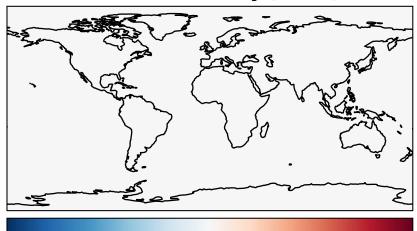
Zero throughout domain kg/m2/s

Difference Dev - Ref, Dynamic Range



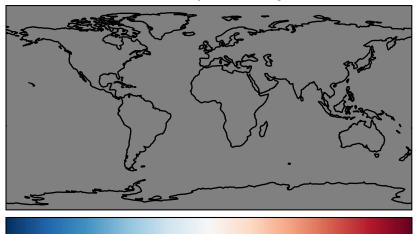
Zero throughout domain kg/m2/s

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



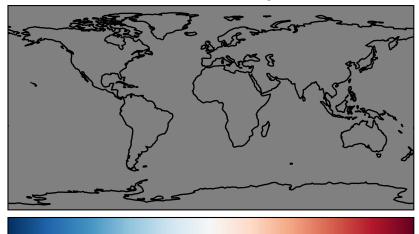
Zero throughout domain kg/m2/s

Ratio Dev/Ref, Dynamic Range



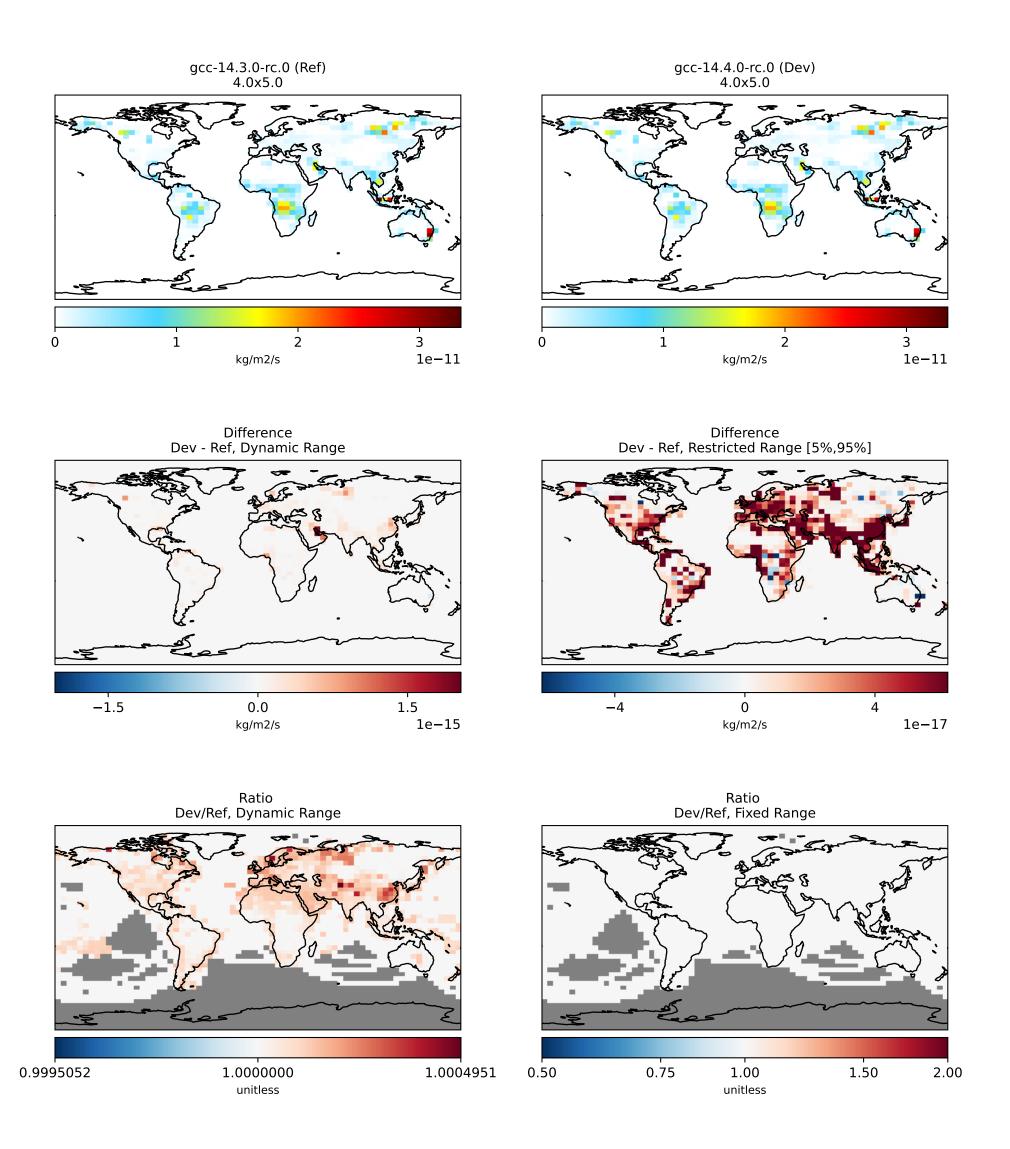
Undefined throughout domain unitless

Ratio Dev/Ref, Fixed Range

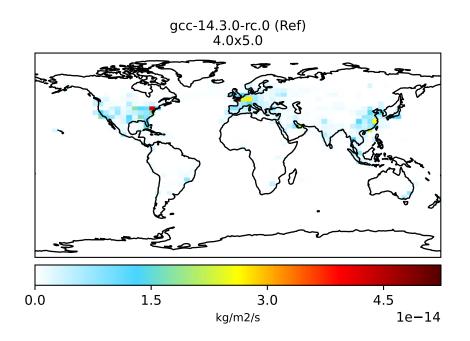


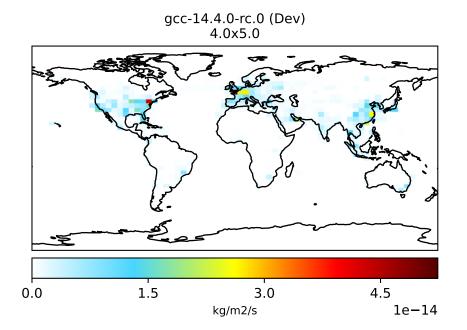
Undefined throughout domain unitless

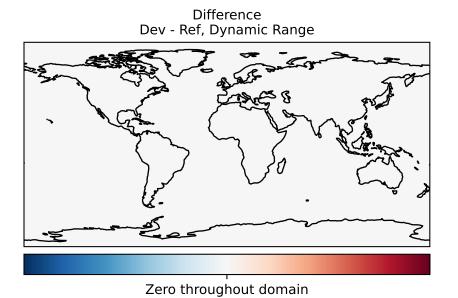
EmisCH2O_Total (AnnualMean)



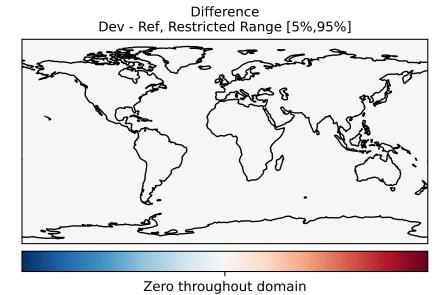
EmisMACR_Aircraft (AnnualMean)

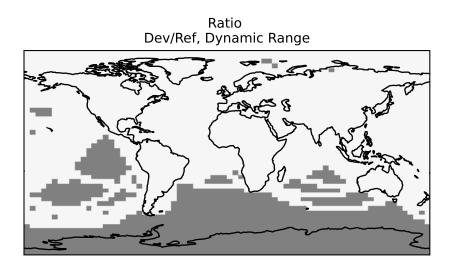




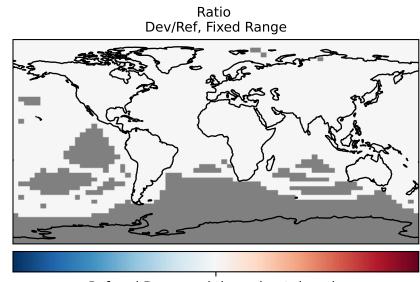


kg/m2/s





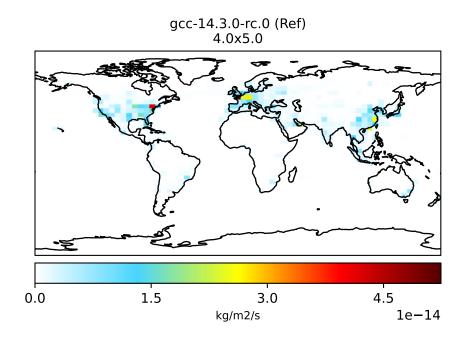
kg/m2/s

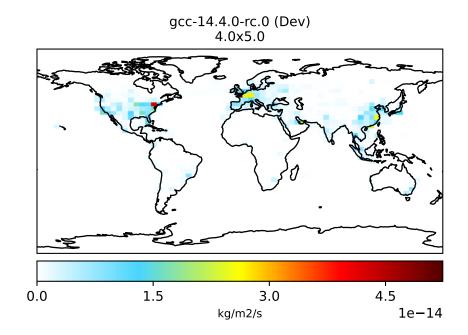


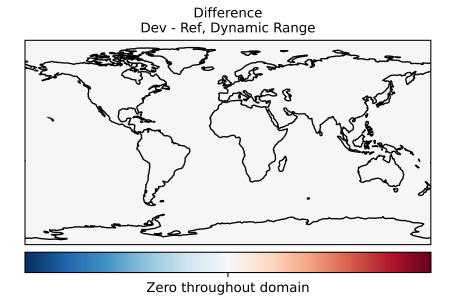
Ref and Dev equal throughout domain unitless

Ref and Dev equal throughout domain unitless

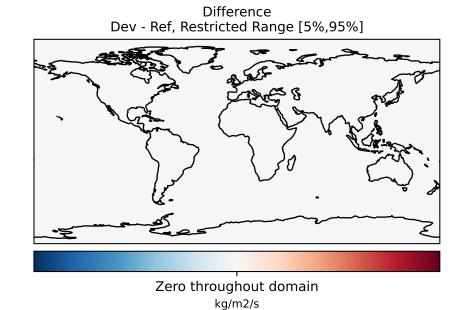
EmisMACR_Total (AnnualMean)

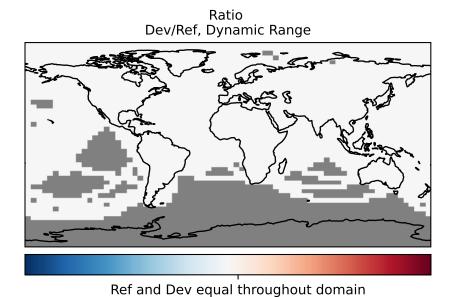


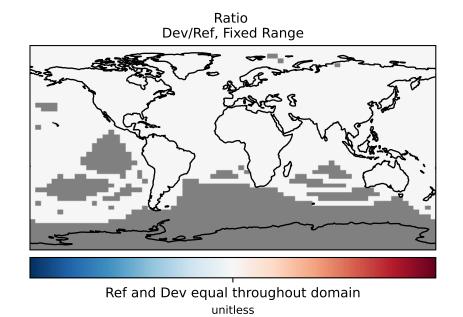




kg/m2/s



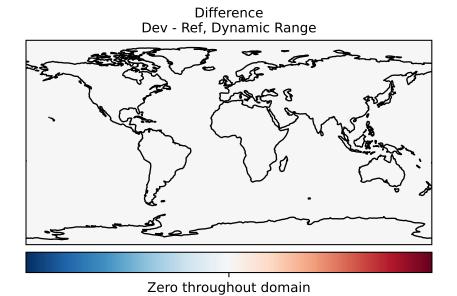




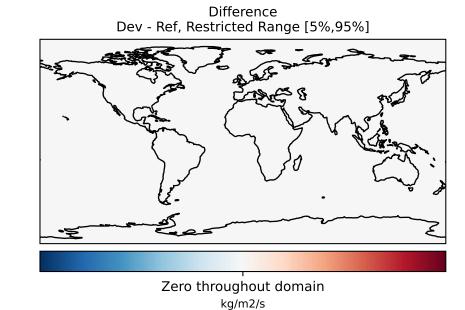
EmisACET_BioBurn (AnnualMean)

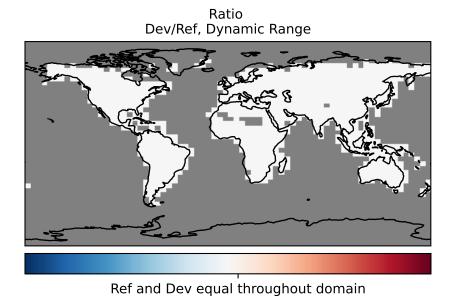
0.0 0.5 1.0 1.5 kg/m2/s 1e-11

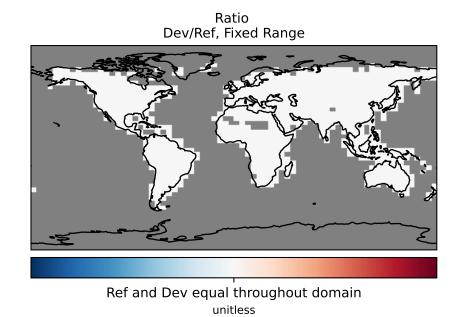
0.0 0.5 1.0 1.5 kg/m2/s 1e-11



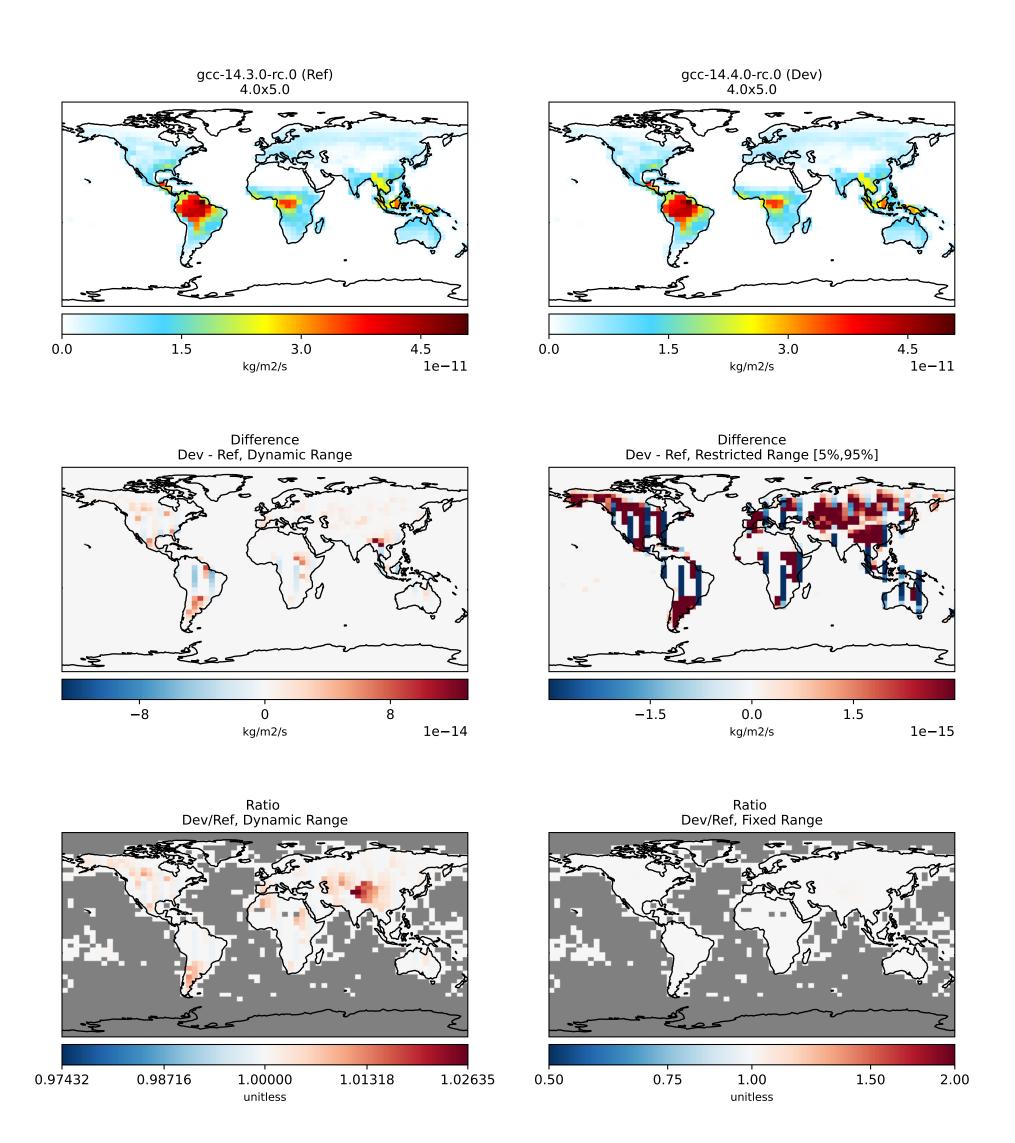
kg/m2/s







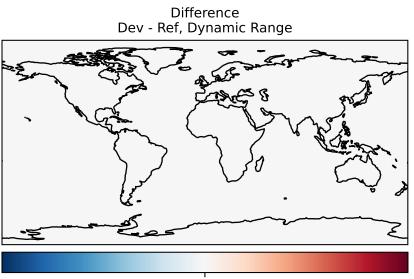
EmisACET_Biogenic (AnnualMean)

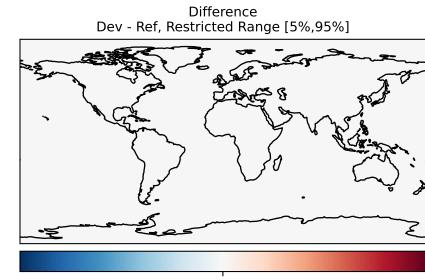


EmisACET_Ocean (AnnualMean)

0.0 2.5 5.0 7.5 kg/m2/s 1e-12

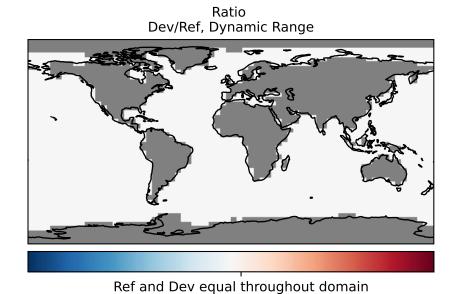
gcc-14.4.0-rc.0 (Dev) 4.0x5.0 0.0 2.5 5.0 7.5 kg/m2/s 1e-12

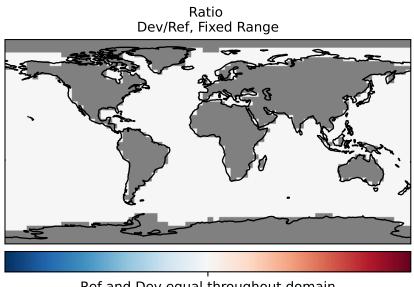




Zero throughout domain kg/m2/s

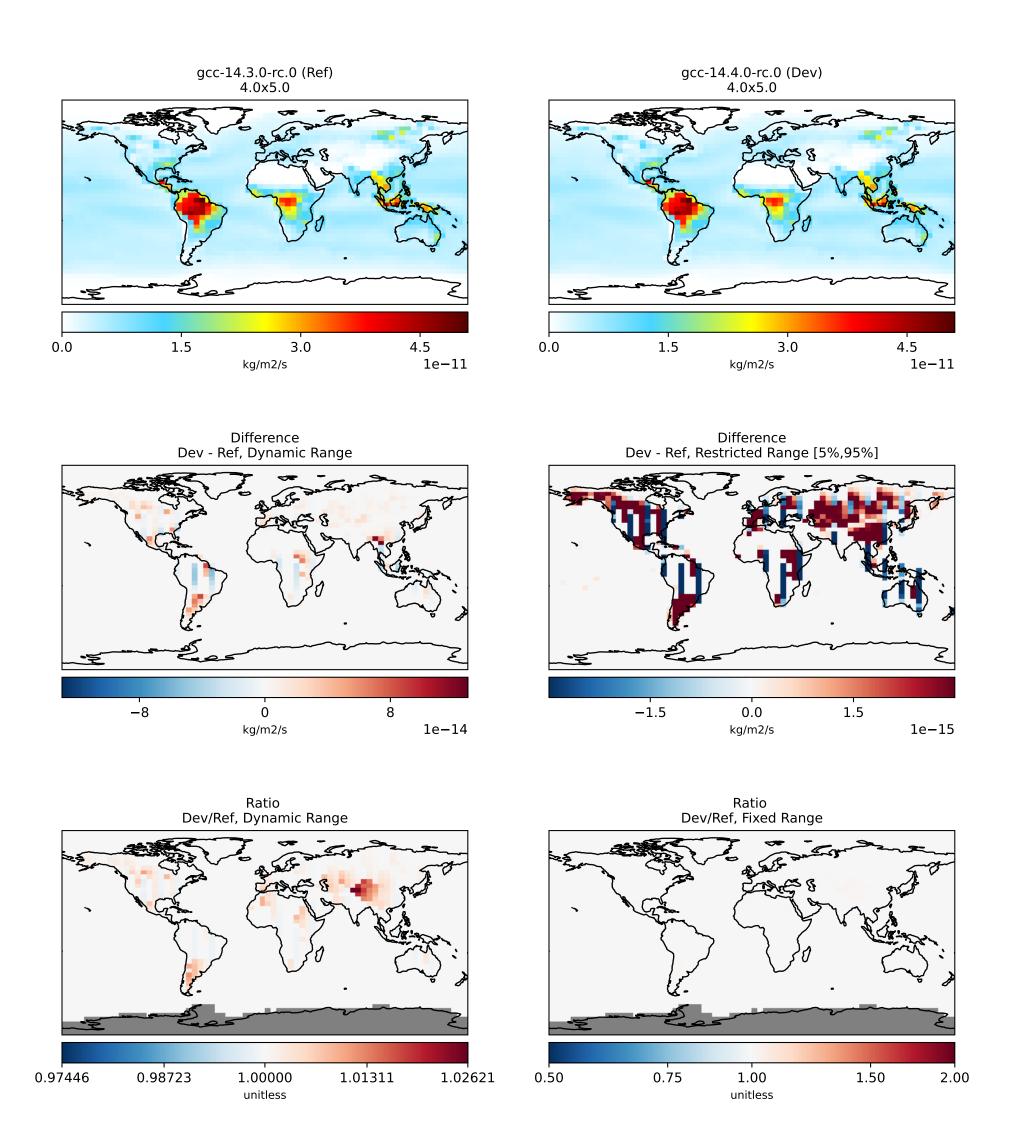
Zero throughout domain kg/m2/s



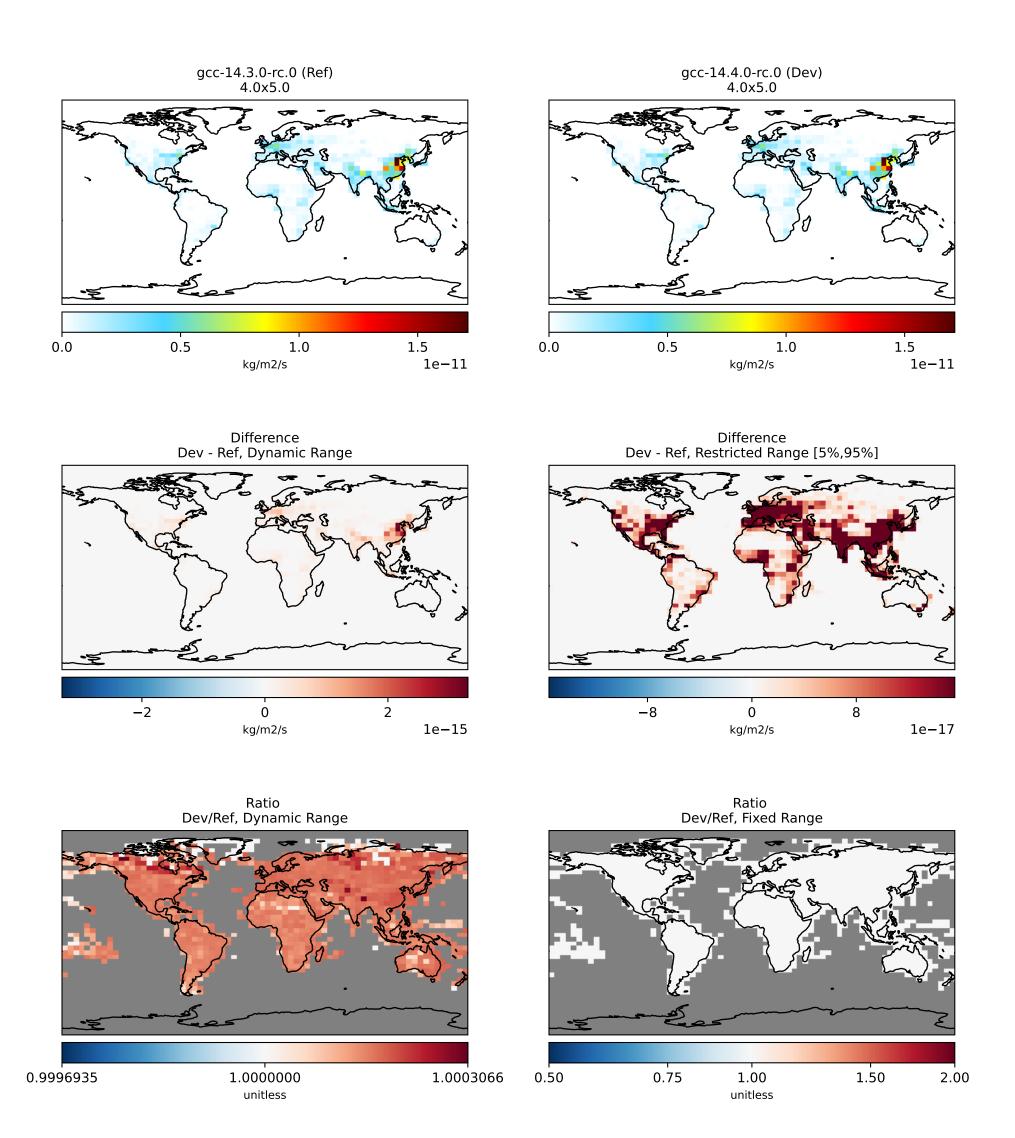


Ref and Dev equal throughout domain unitless

EmisACET_Total (AnnualMean)



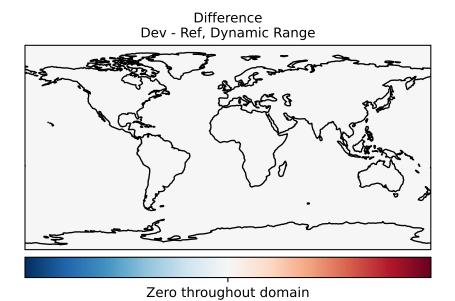
EmisMEK_Anthro (AnnualMean)



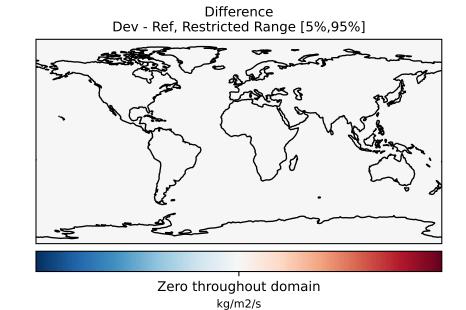
EmisMEK_BioBurn (AnnualMean)

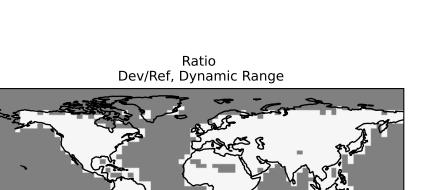
gcc-14.3.0-rc.0 (Ref) 4.0x5.0 2 4 1e-12 kg/m2/s

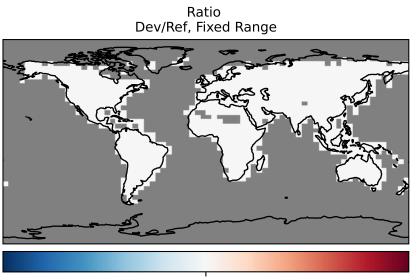
gcc-14.4.0-rc.0 (Dev) 4.0x5.0 2 4 kg/m2/s 1e-12



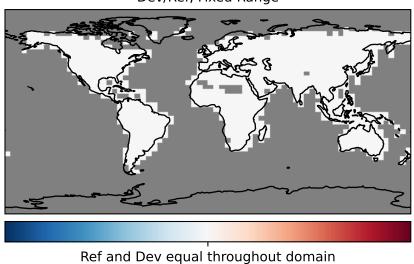
kg/m2/s





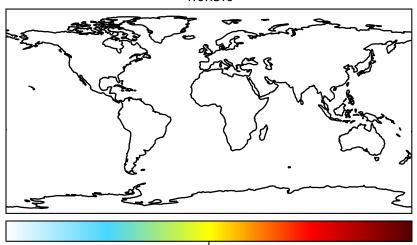


Ref and Dev equal throughout domain unitless



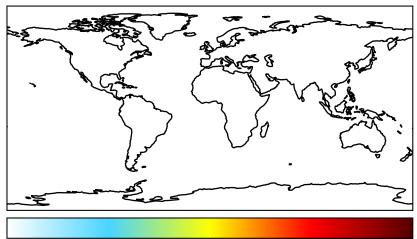
EmisMEK_Ship (AnnualMean)

gcc-14.3.0-rc.0 (Ref) 4.0x5.0



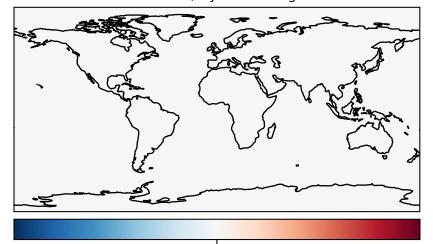
Zero throughout domain kg/m2/s

gcc-14.4.0-rc.0 (Dev) 4.0x5.0



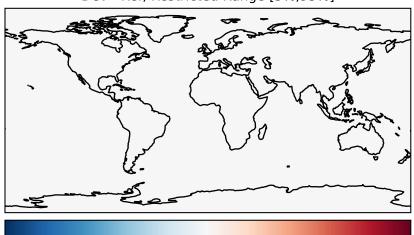
Zero throughout domain kg/m2/s

Difference Dev - Ref, Dynamic Range



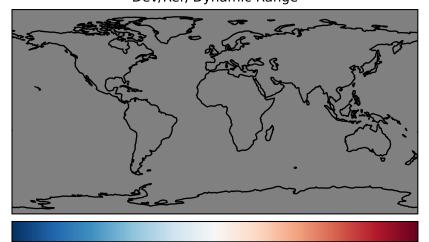
Zero throughout domain kg/m2/s

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



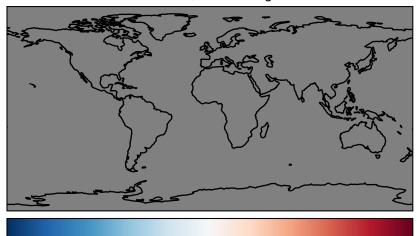
Zero throughout domain kg/m2/s

Ratio Dev/Ref, Dynamic Range



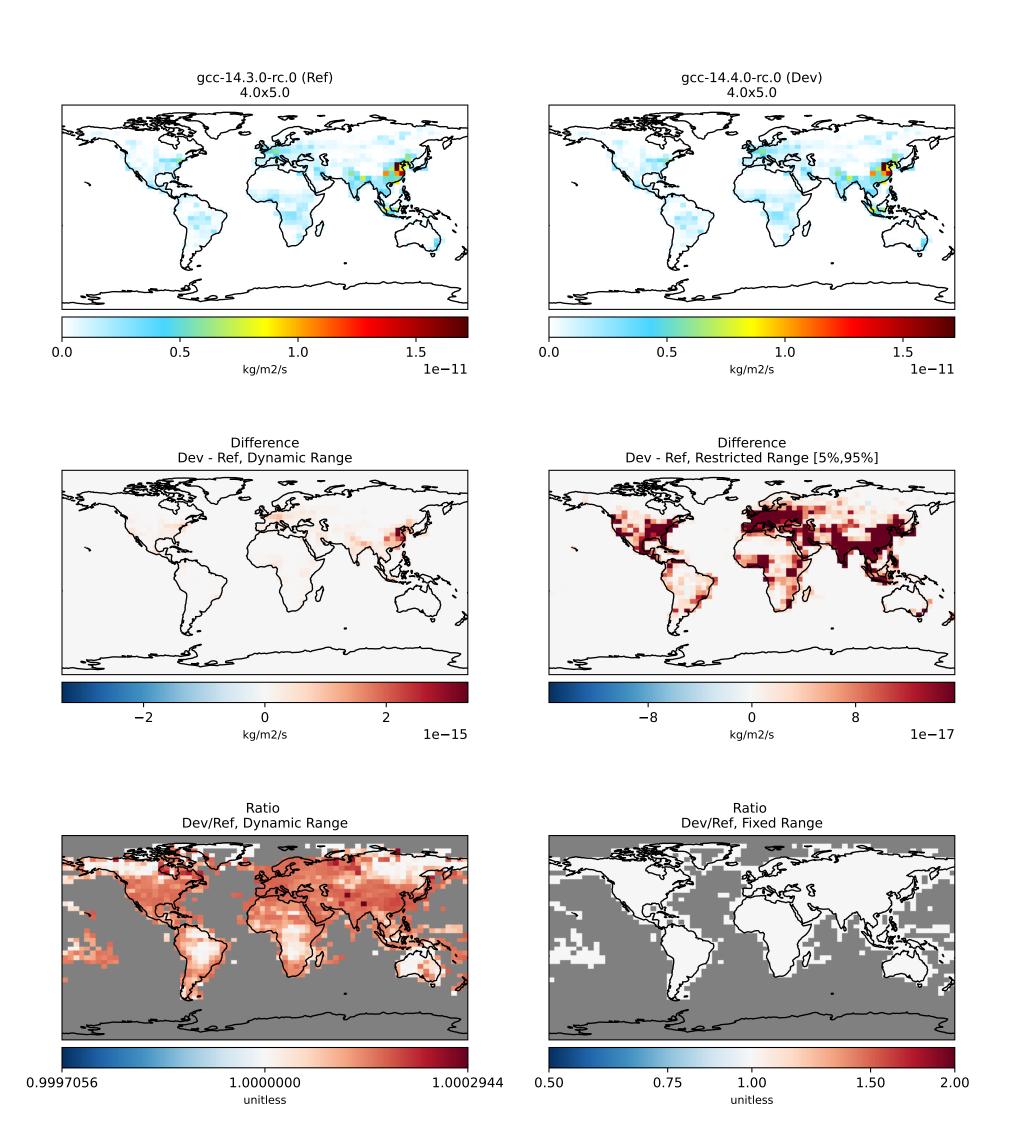
Undefined throughout domain unitless

Ratio Dev/Ref, Fixed Range

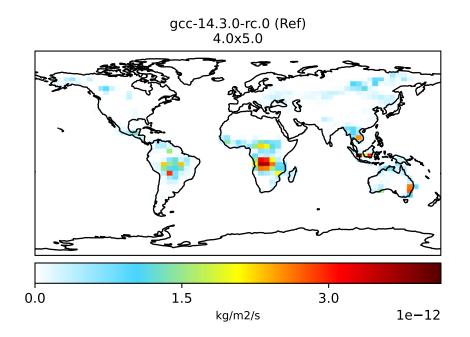


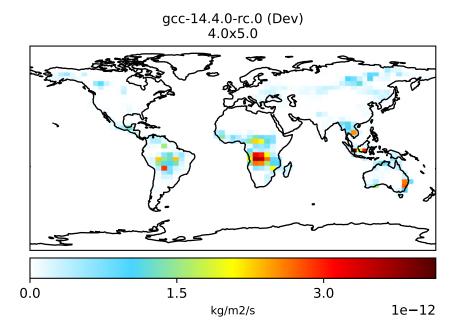
Undefined throughout domain unitless

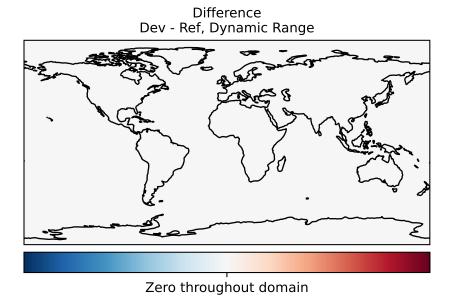
EmisMEK_Total (AnnualMean)



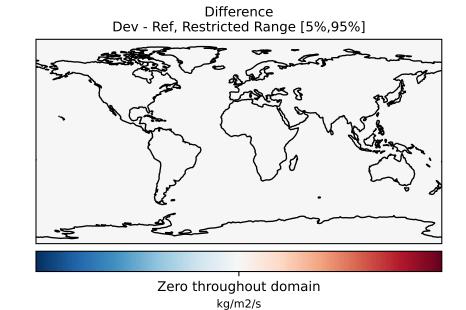
EmisMVK_BioBurn (AnnualMean)





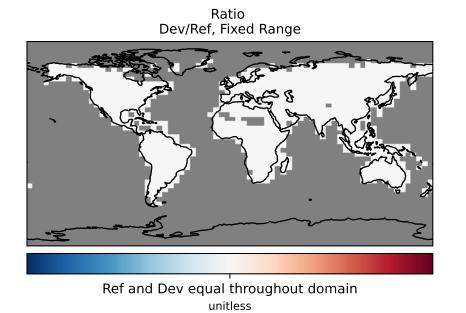


kg/m2/s

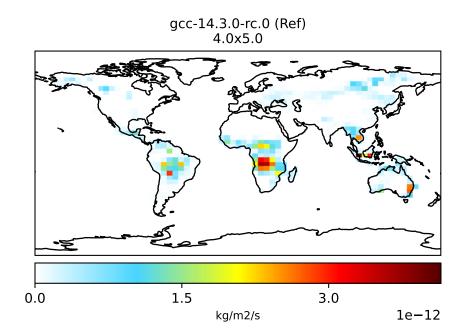


Ratio Dev/Ref, Dynamic Range

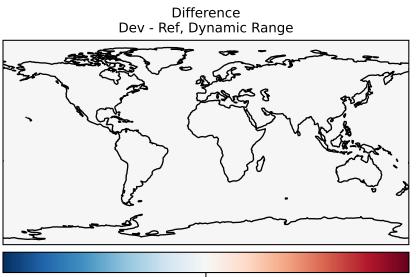
Ref and Dev equal throughout domain

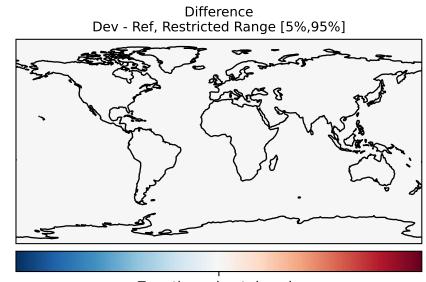


EmisMVK_Total (AnnualMean)



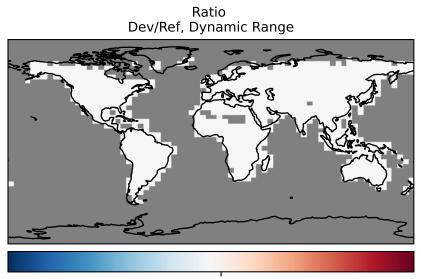
gcc-14.4.0-rc.0 (Dev) 4.0x5.0

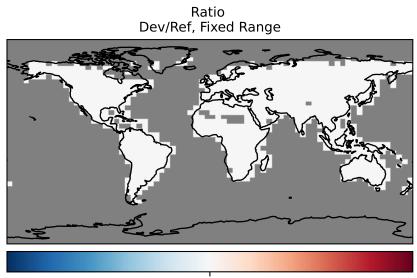




Zero throughout domain kg/m2/s

Zero throughout domain kg/m2/s

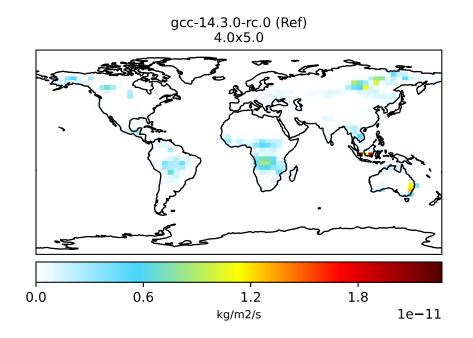


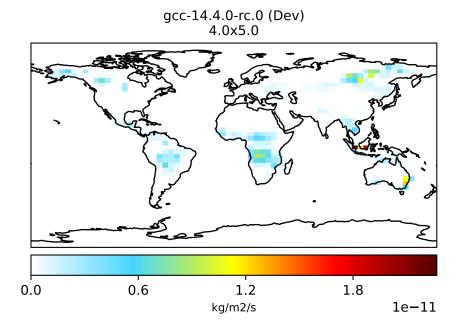


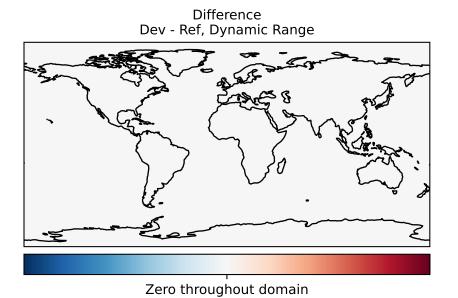
Ref and Dev equal throughout domain unitless

Ref and Dev equal throughout domain unitless

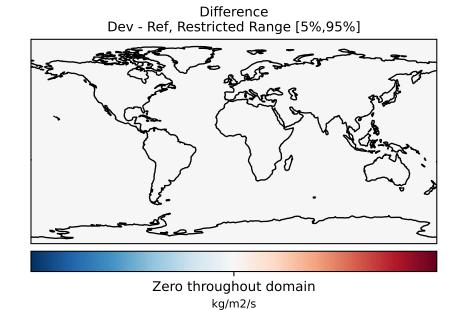
EmisFURA_BioBurn (AnnualMean)

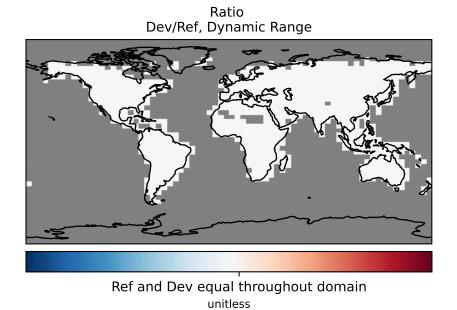


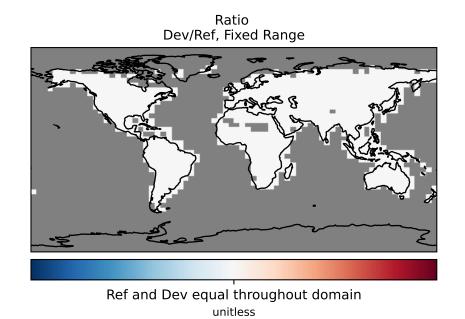




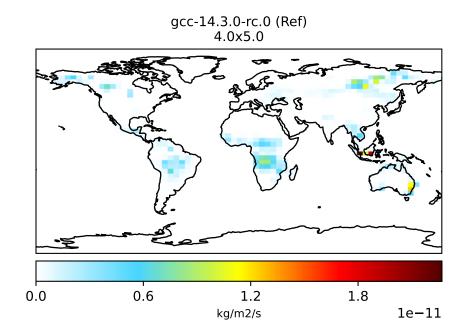
kg/m2/s







EmisFURA_Total (AnnualMean)

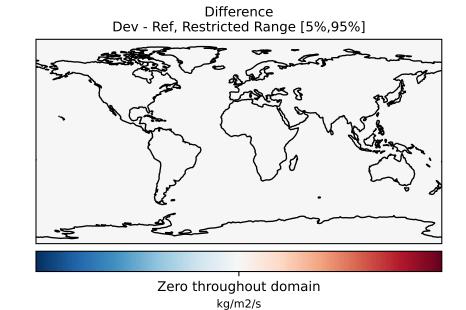


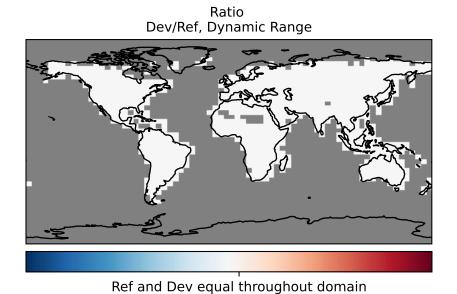
gcc-14.4.0-rc.0 (Dev) 4.0x5.0 0.0 0.6 1.2 1.8 kg/m2/s 1e-11

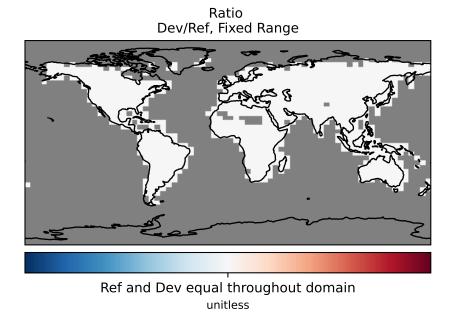
Difference
Dev - Ref, Dynamic Range

Zero throughout domain

kg/m2/s



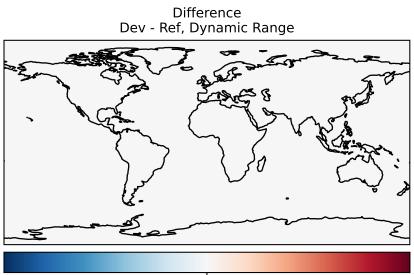


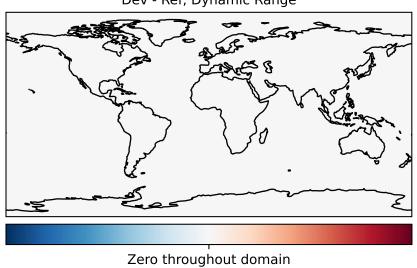


EmisGLYX_BioBurn (AnnualMean)

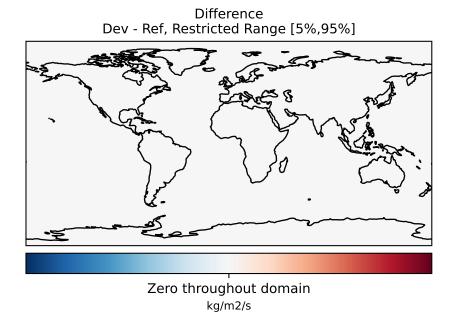
gcc-14.3.0-rc.0 (Ref) 4.0x5.0 1.5 0.5 1.0 0.0 kg/m2/s 1e-11

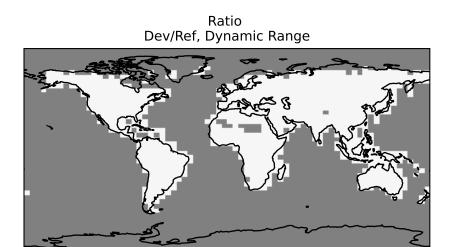
gcc-14.4.0-rc.0 (Dev) 4.0x5.0 1.5 0.5 1.0 0.0 kg/m2/s 1e-11

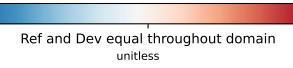


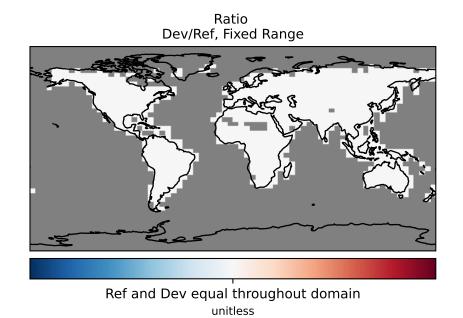


kg/m2/s

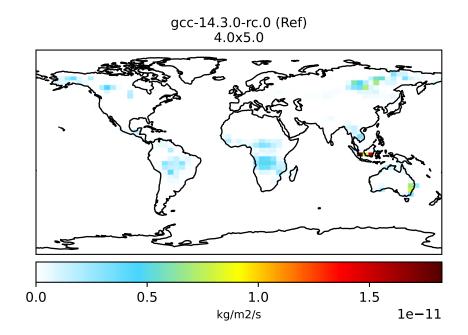


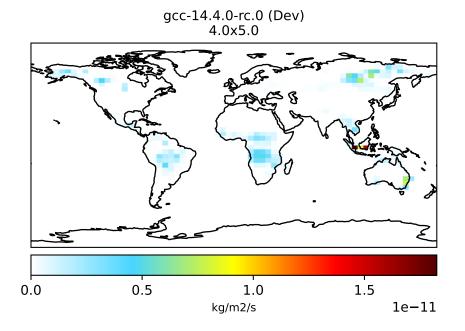


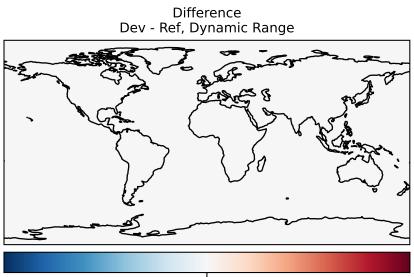


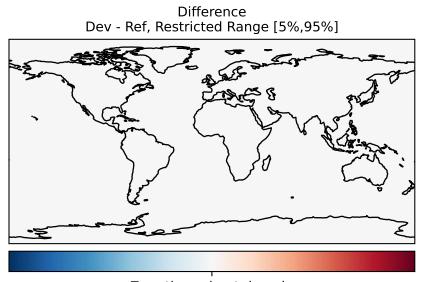


EmisGLYX_Total (AnnualMean)



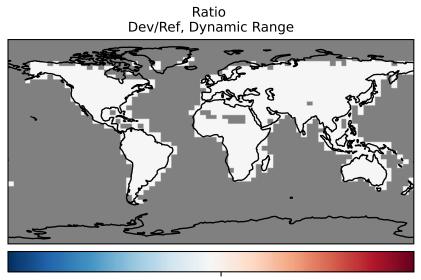


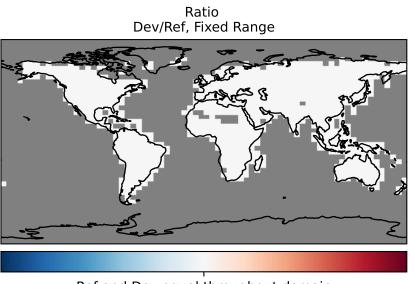




Zero throughout domain kg/m2/s

Zero throughout domain kg/m2/s

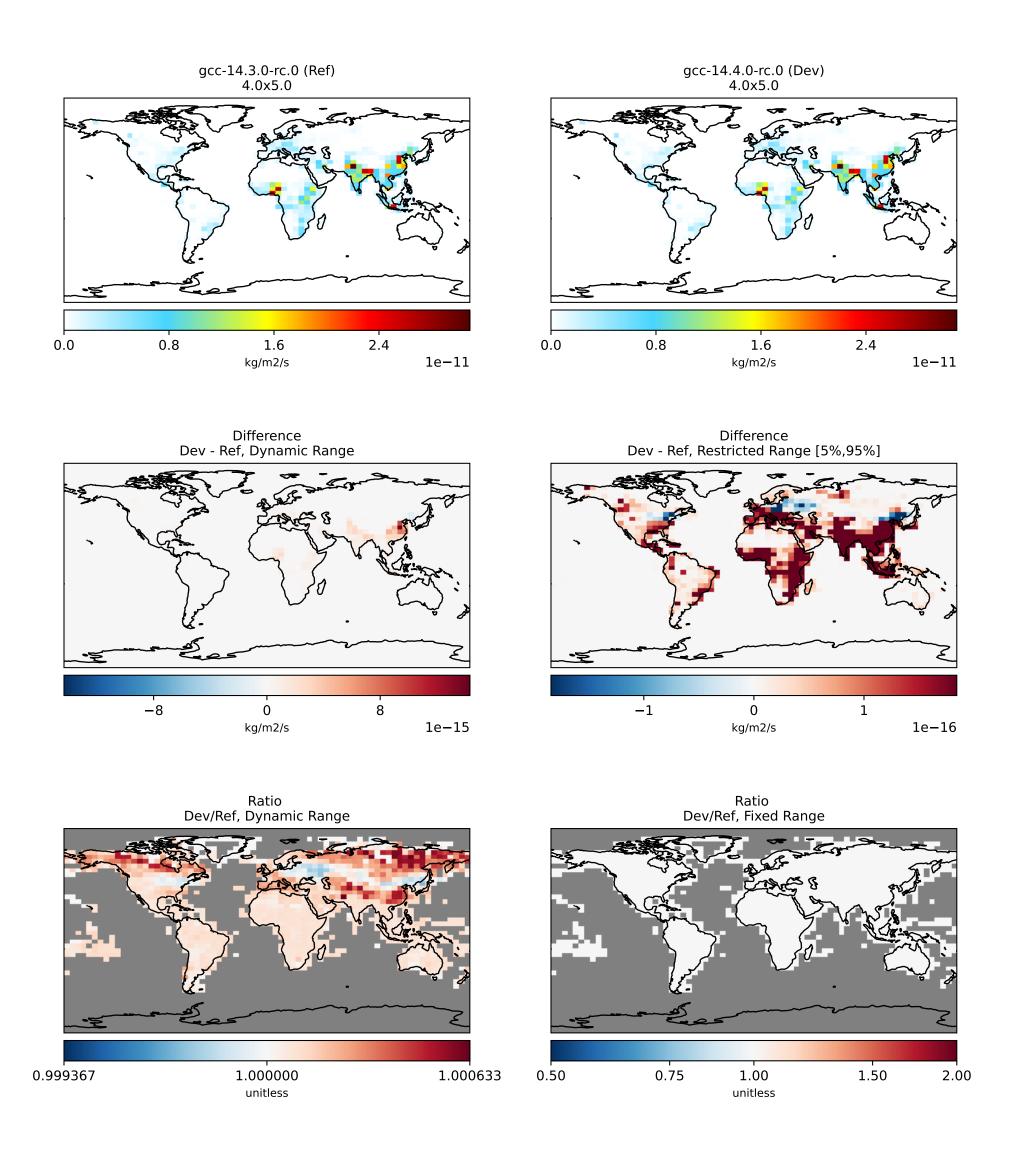




Ref and Dev equal throughout domain unitless

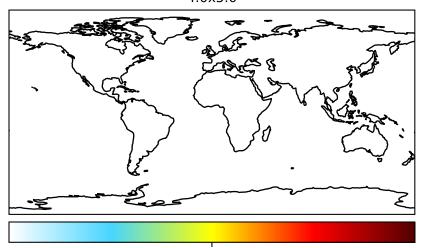
Ref and Dev equal throughout domain unitless

EmisHCOOH_Anthro (AnnualMean)



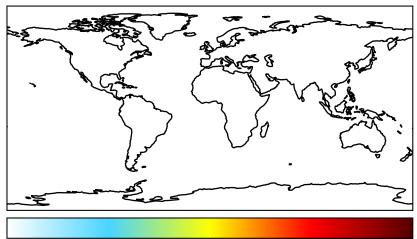
EmisHCOOH_Ship (AnnualMean)

gcc-14.3.0-rc.0 (Ref) 4.0x5.0



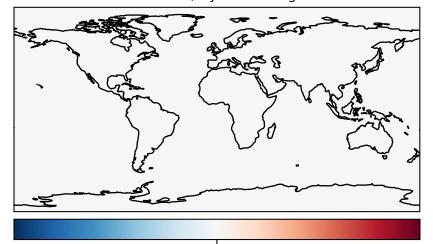
Zero throughout domain kg/m2/s

gcc-14.4.0-rc.0 (Dev) 4.0x5.0



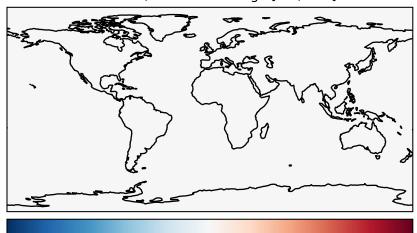
Zero throughout domain kg/m2/s

Difference Dev - Ref, Dynamic Range



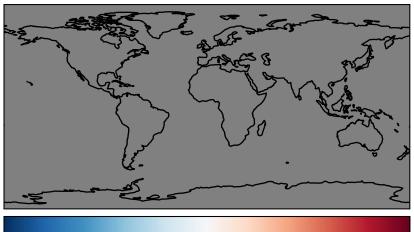
Zero throughout domain kg/m2/s

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



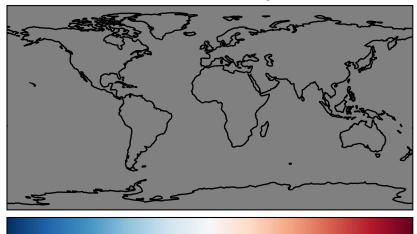
Zero throughout domain kg/m2/s

Ratio Dev/Ref, Dynamic Range



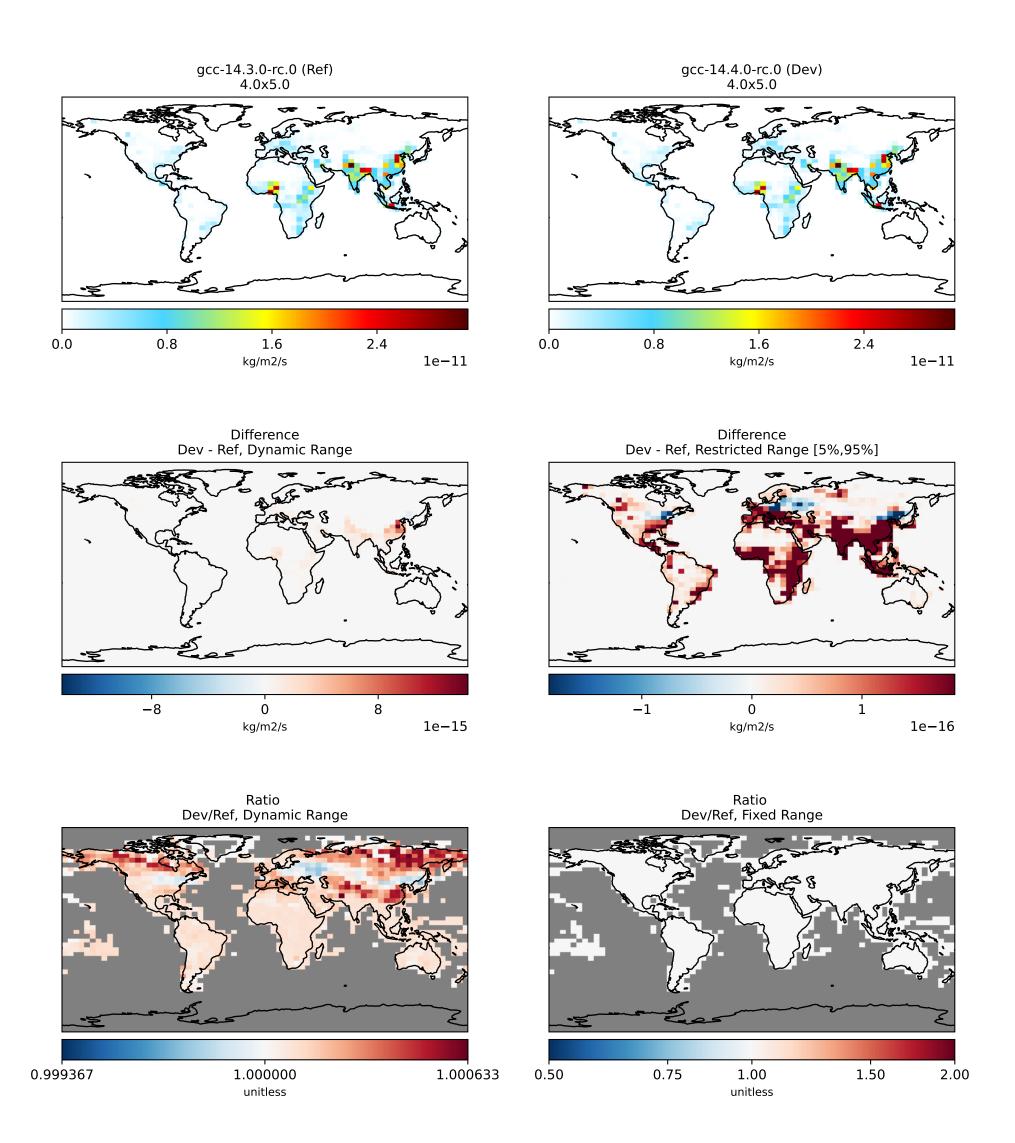
Undefined throughout domain unitless

Ratio Dev/Ref, Fixed Range

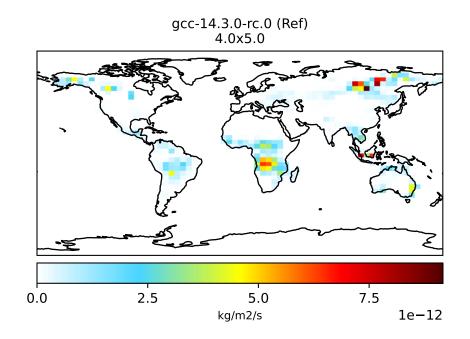


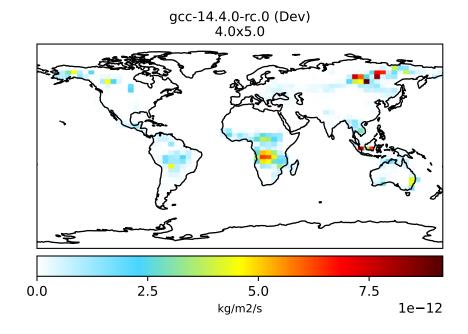
Undefined throughout domain unitless

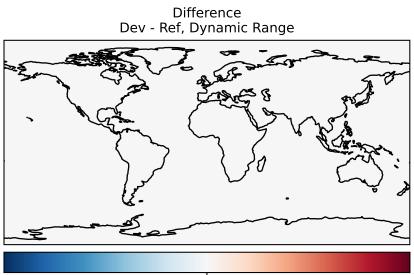
EmisHCOOH_Total (AnnualMean)

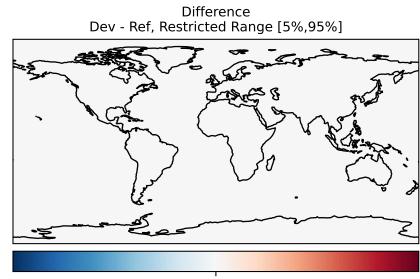


EmisPHEN_BioBurn (AnnualMean)



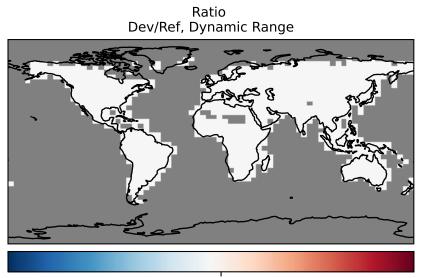


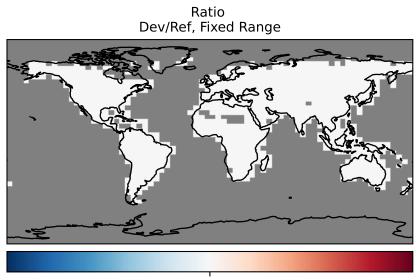




Zero throughout domain kg/m2/s

Zero throughout domain kg/m2/s

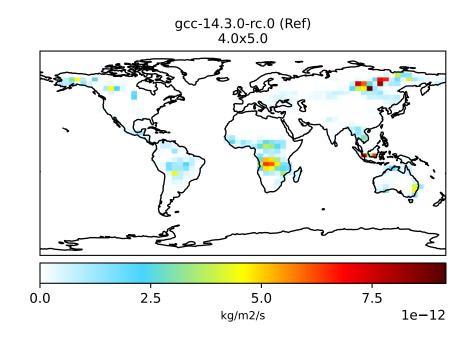


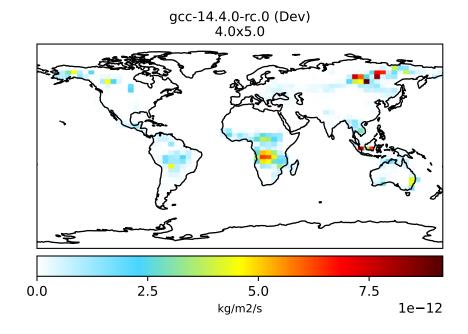


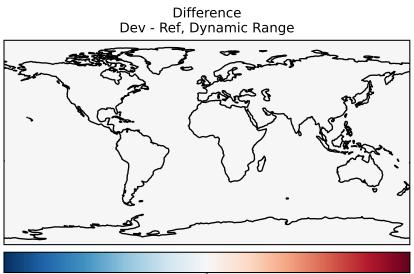
Ref and Dev equal throughout domain unitless

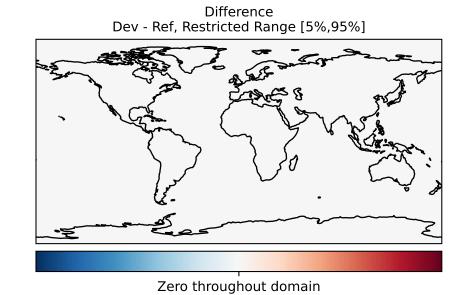
Ref and Dev equal throughout domain unitless

EmisPHEN_Total (AnnualMean)



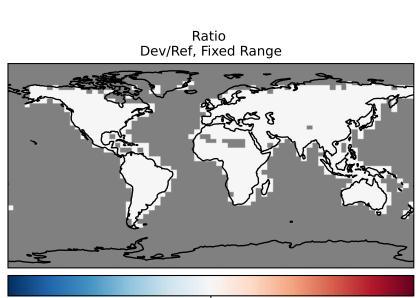


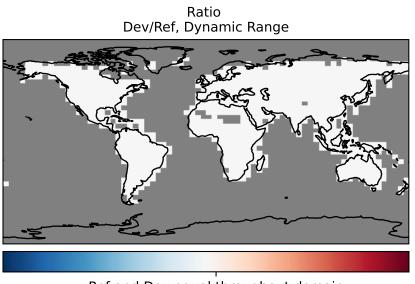




kg/m2/s

Zero throughout domain kg/m2/s





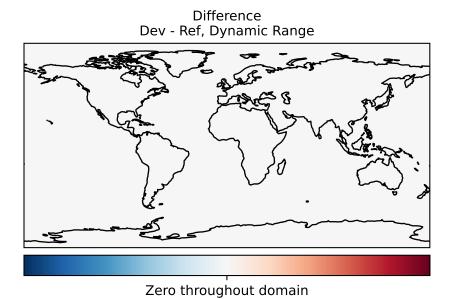
Ref and Dev equal throughout domain unitless

Ref and Dev equal throughout domain unitless

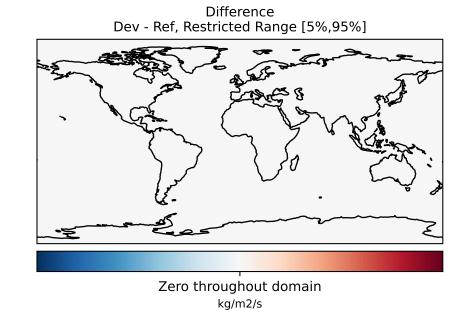
EmisRCHO_Aircraft (AnnualMean)

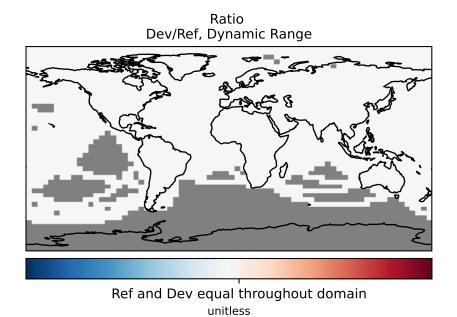
gcc-14.3.0-rc.0 (Ref) 4.0x5.0

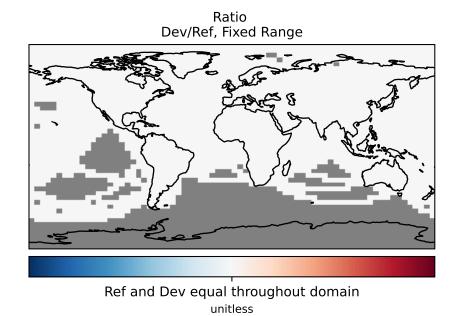
gcc-14.4.0-rc.0 (Dev) 4.0x5.0



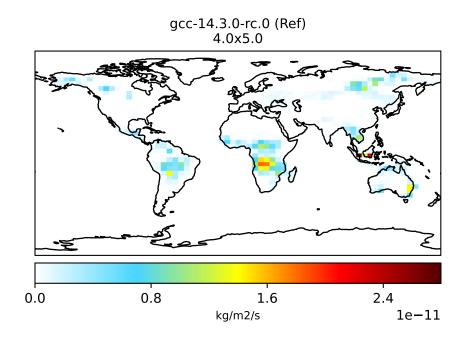
kg/m2/s







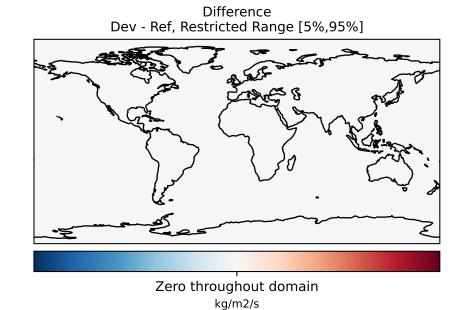
EmisRCHO_BioBurn (AnnualMean)



0.0 0.8 1.6 2.4 kg/m2/s le-11

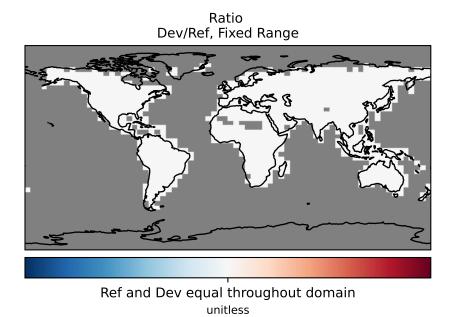
Difference Dev - Ref, Dynamic Range

Zero throughout domain kg/m2/s

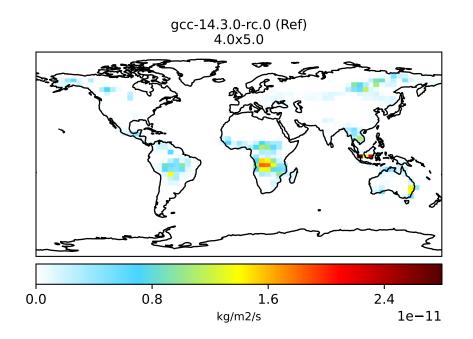


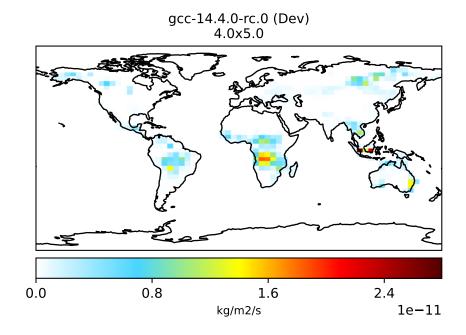
Ratio Dev/Ref, Dynamic Range

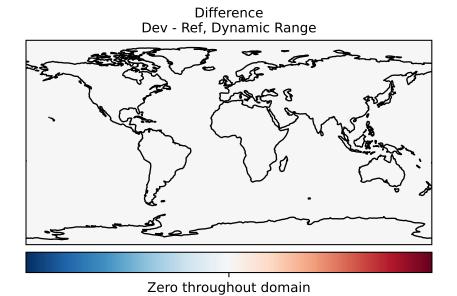
Ref and Dev equal throughout domain



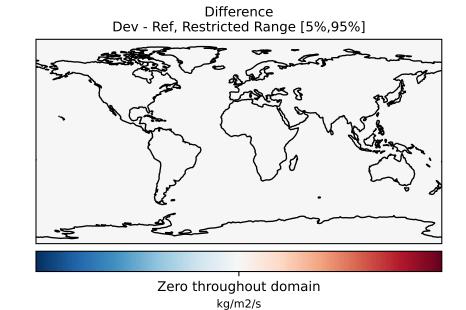
EmisRCHO_Total (AnnualMean)

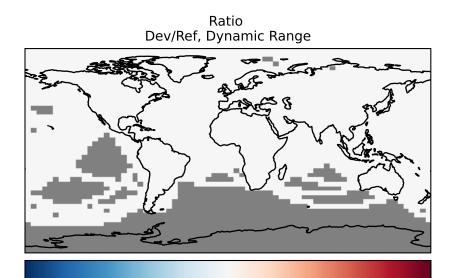






kg/m2/s





Ref and Dev equal throughout domain unitless

