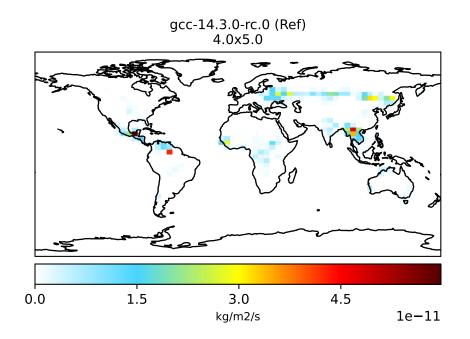
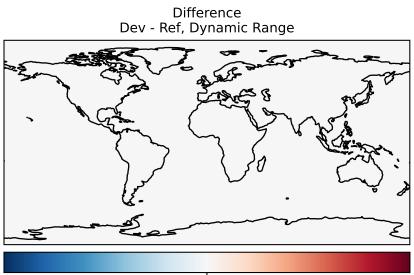
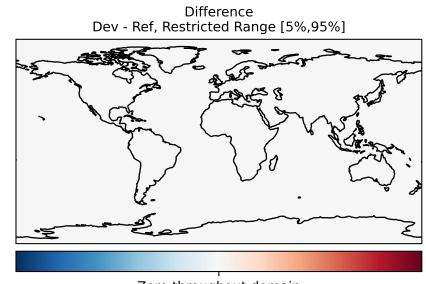
EmisACTA_BioBurn (Apr2019)



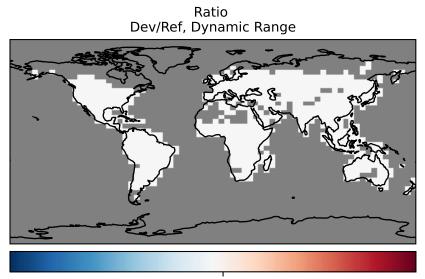
0.0 1.5 3.0 4.5 kg/m2/s 1e-11

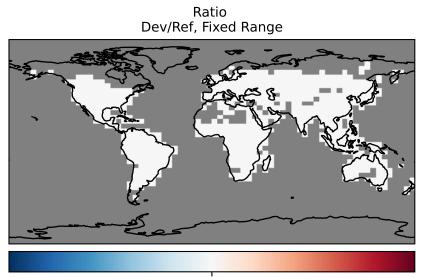




Zero throughout domain kg/m2/s

Zero throughout domain kg/m2/s

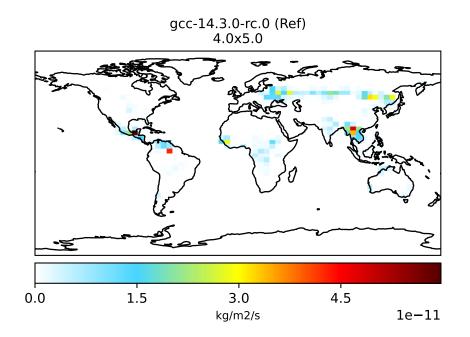




Ref and Dev equal throughout domain unitless

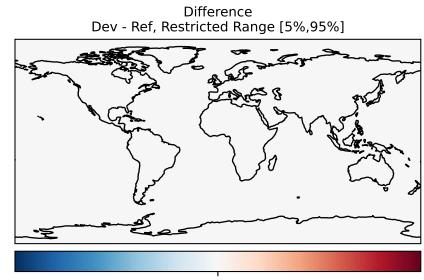
Ref and Dev equal throughout domain unitless

EmisACTA_Total (Apr2019)



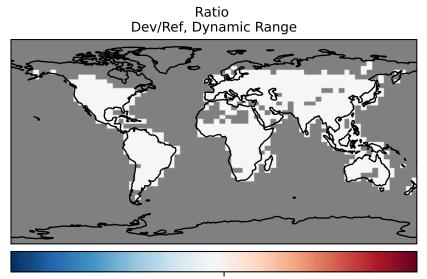
gcc-14.4.0-rc.0 (Dev) 4.0x5.0 0.0 1.5 3.0 4.5 kg/m2/s 1e-11

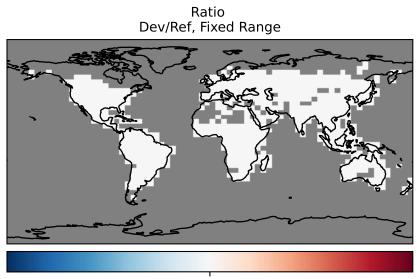
Difference Dev - Ref, Dynamic Range



Zero throughout domain kg/m2/s

Zero throughout domain kg/m2/s

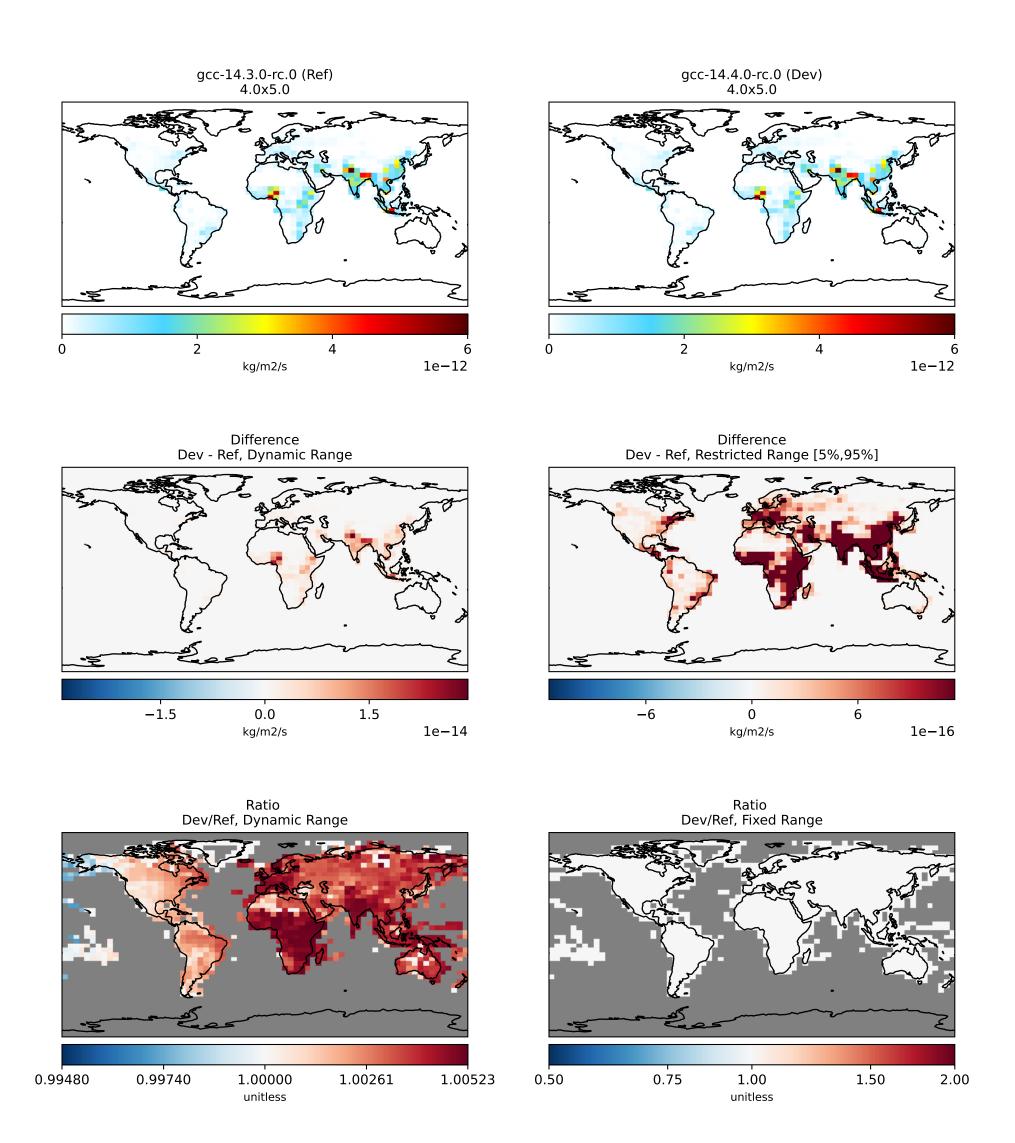




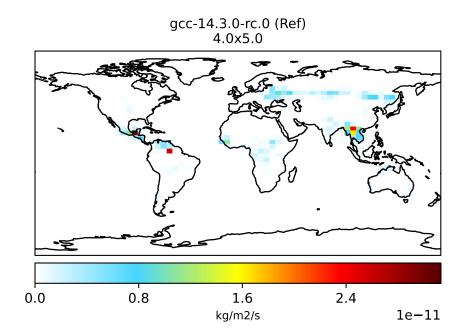
Ref and Dev equal throughout domain unitless

Ref and Dev equal throughout domain unitless

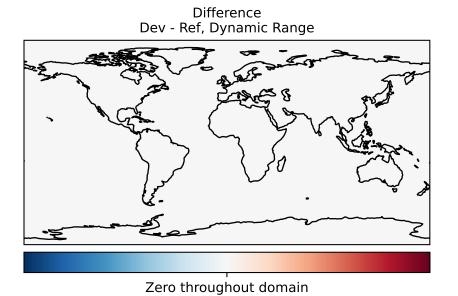
EmisALD2_Anthro (Apr2019)



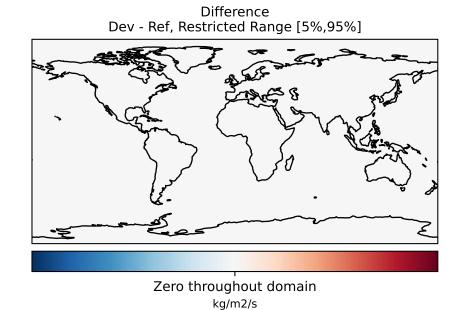
EmisALD2_BioBurn (Apr2019)

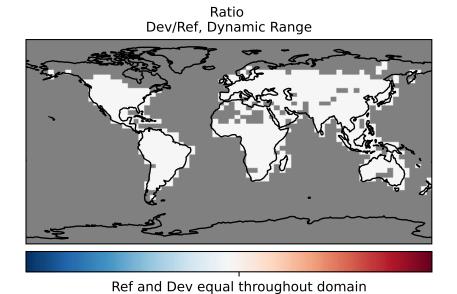


0.0 0.8 1.6 2.4 kg/m2/s 1e-11

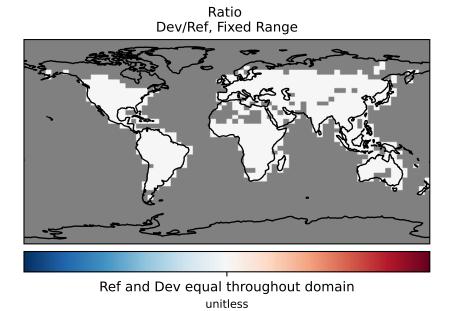


kg/m2/s

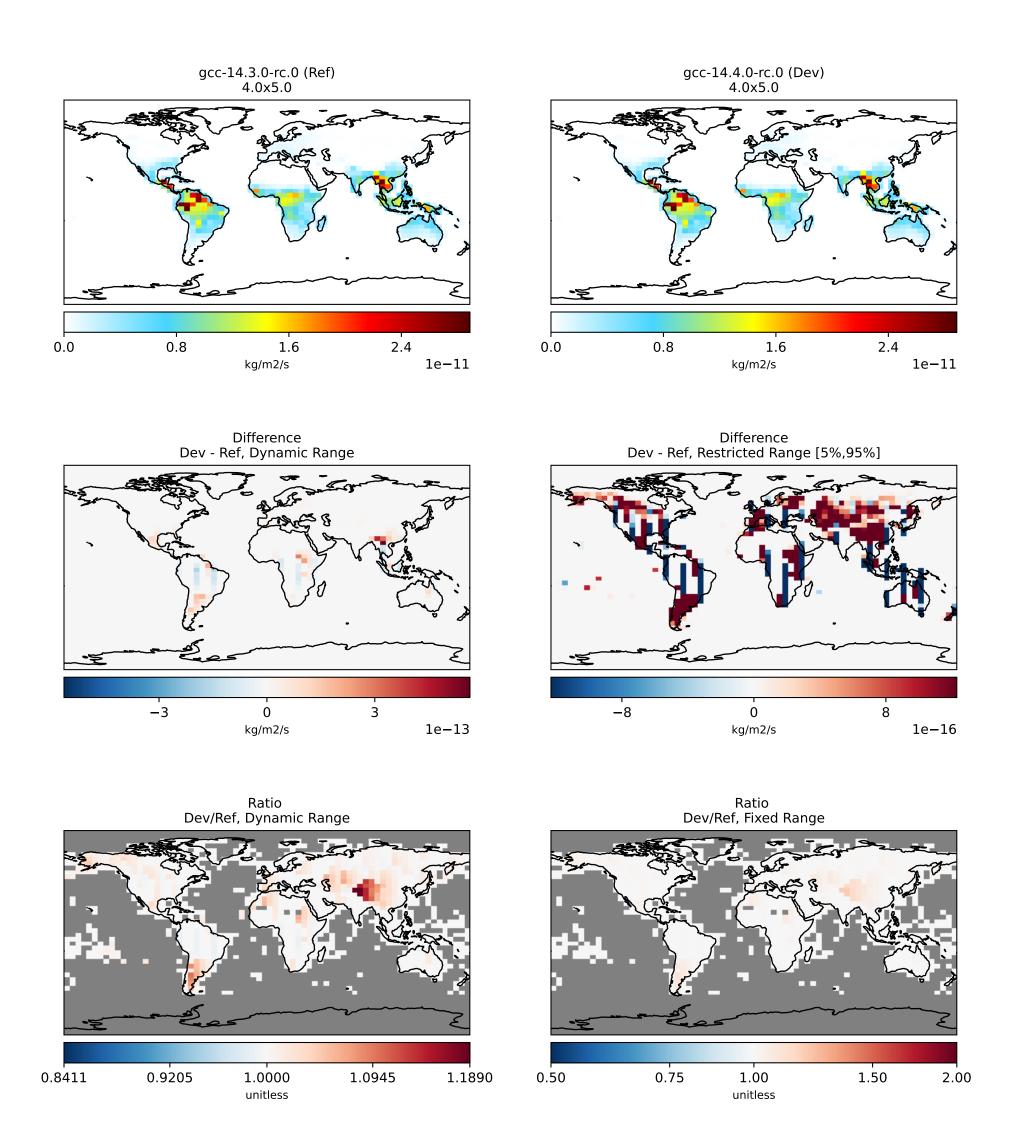




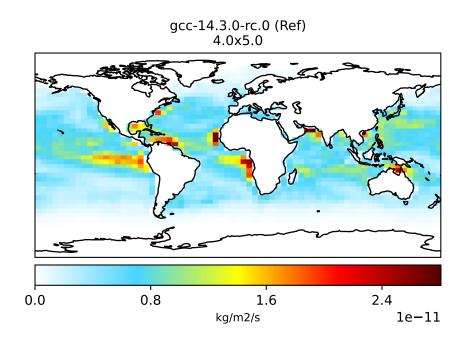
unitless

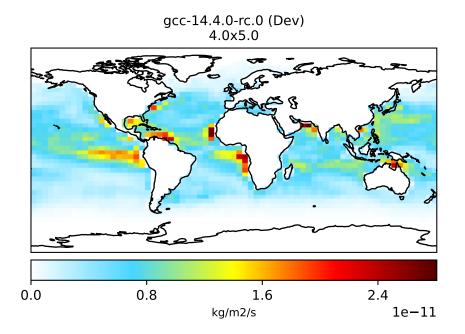


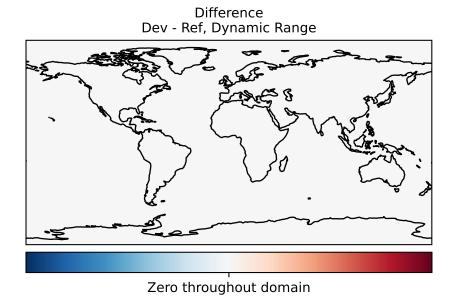
EmisALD2_Biogenic (Apr2019)



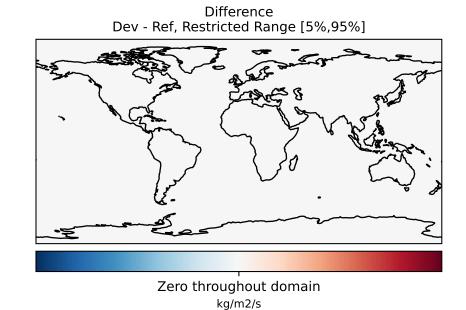
EmisALD2_Ocean (Apr2019)



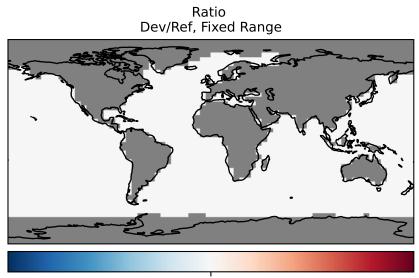


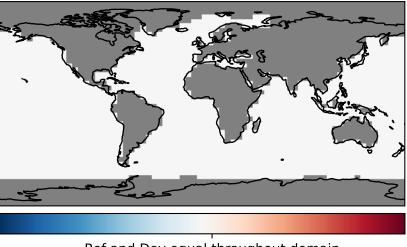


kg/m2/s



Ratio Dev/Ref, Dynamic Range

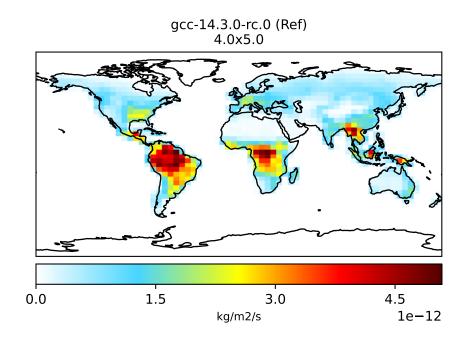


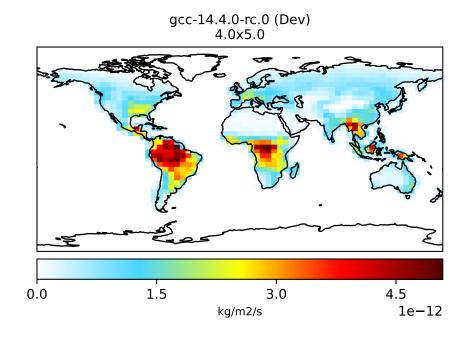


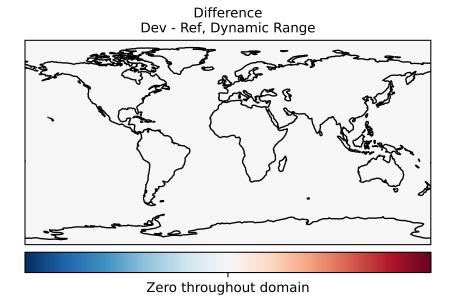
Ref and Dev equal throughout domain unitless

Ref and Dev equal throughout domain unitless

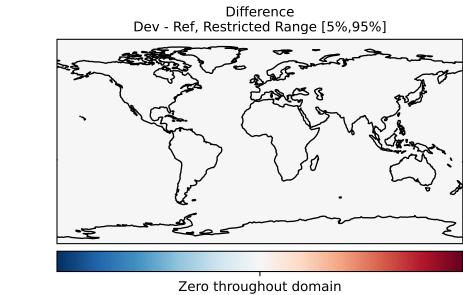
EmisALD2_PlantDecay (Apr2019)



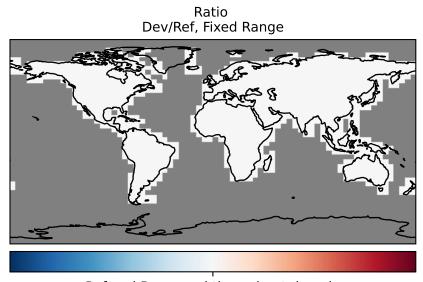




kg/m2/s

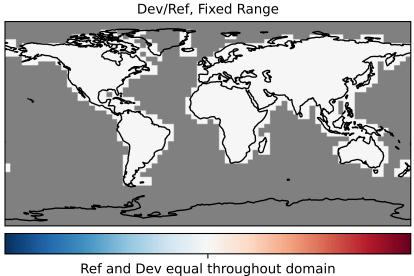


Ratio Dev/Ref, Dynamic Range



kg/m2/s

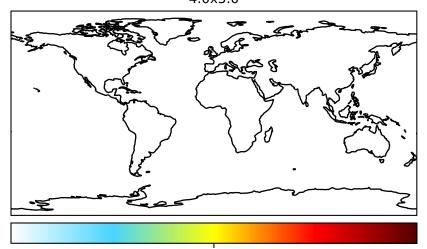
Ref and Dev equal throughout domain unitless



unitless

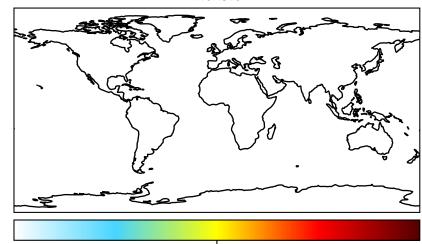
EmisALD2_Ship (Apr2019)

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



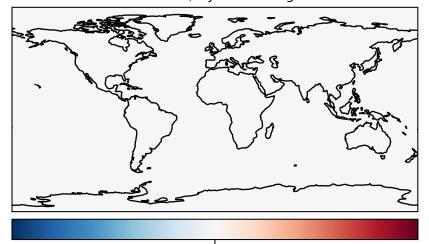
Zero throughout domain kg/m2/s

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



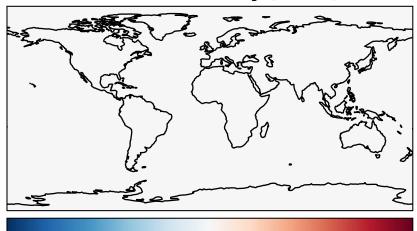
Zero throughout domain kg/m2/s

Difference Dev - Ref, Dynamic Range



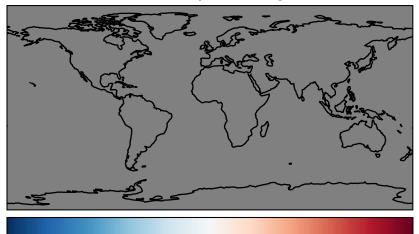
Zero throughout domain kg/m2/s

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



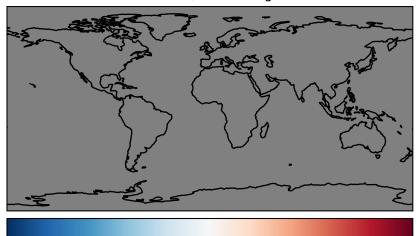
Zero throughout domain kg/m2/s

Ratio Dev/Ref, Dynamic Range



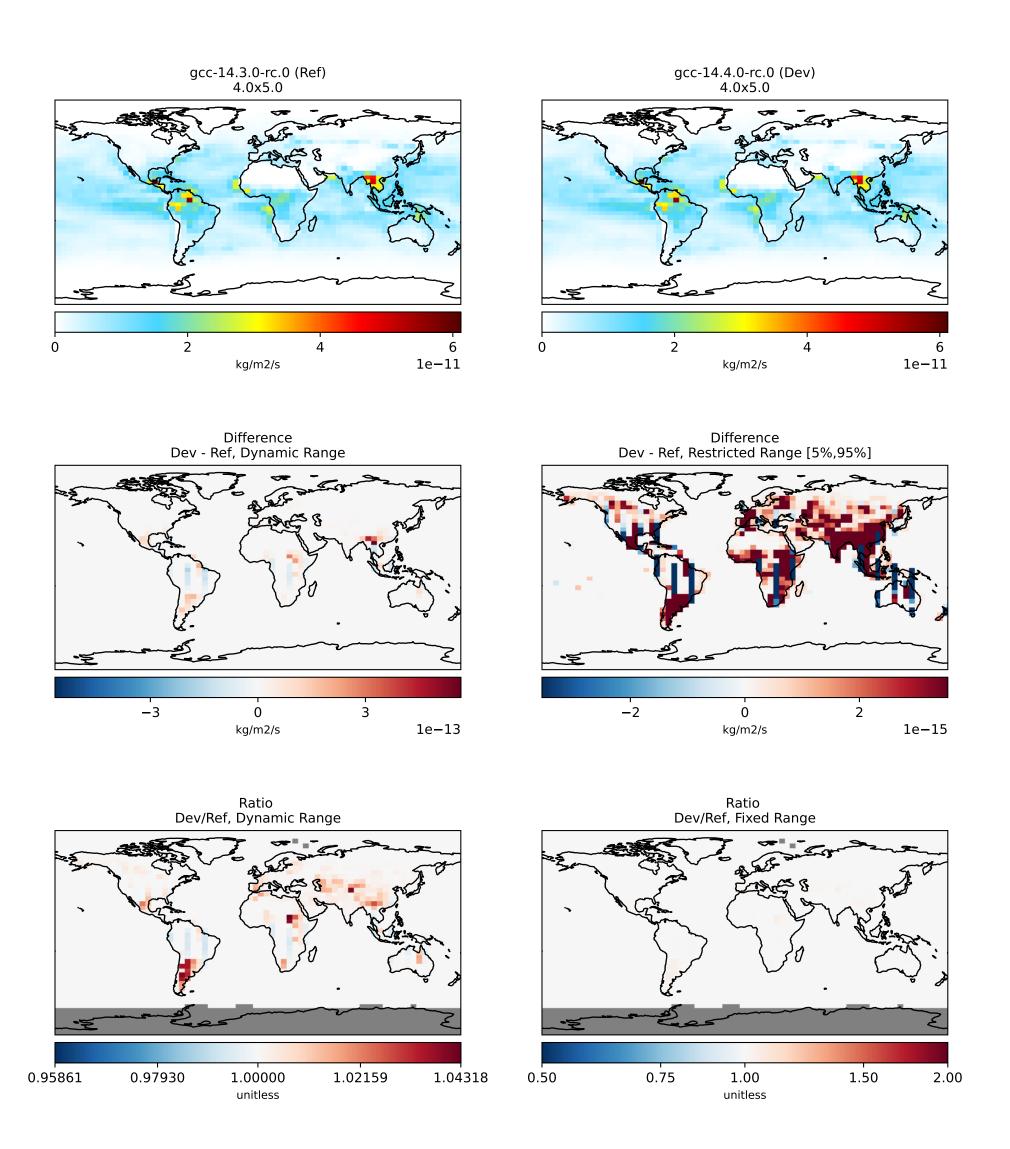
Undefined throughout domain unitless

Ratio Dev/Ref, Fixed Range

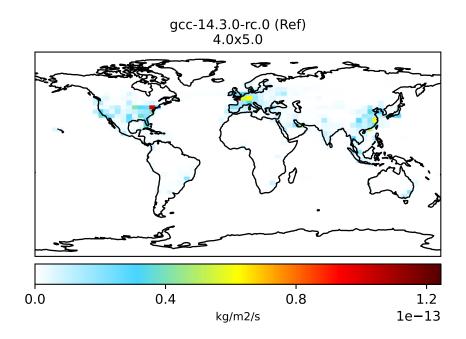


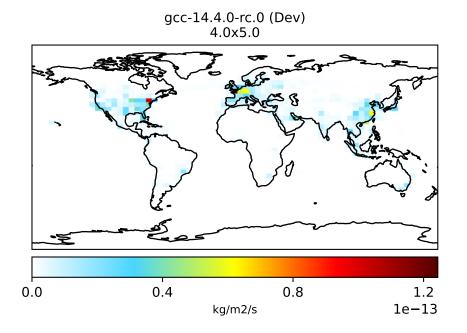
Undefined throughout domain unitless

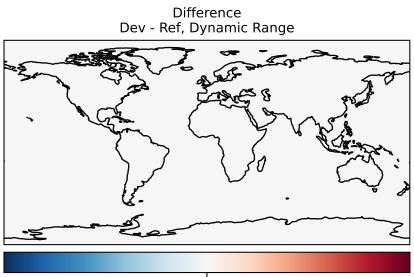
EmisALD2_Total (Apr2019)

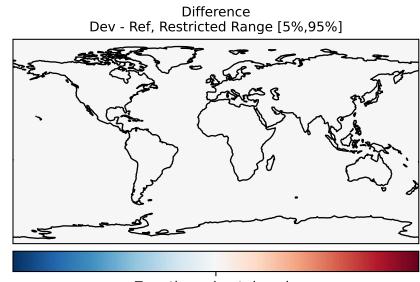


EmisCH2O_Aircraft (Apr2019)



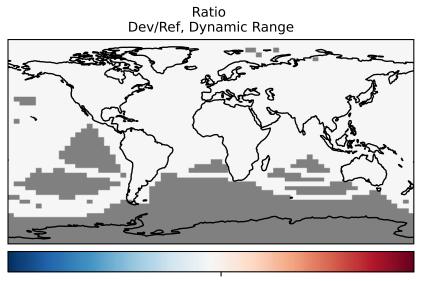


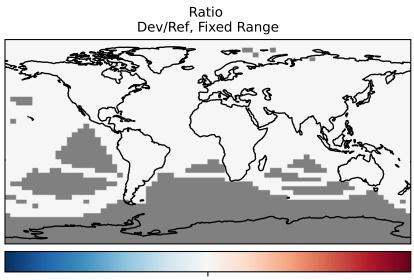




Zero throughout domain kg/m2/s

Zero throughout domain kg/m2/s

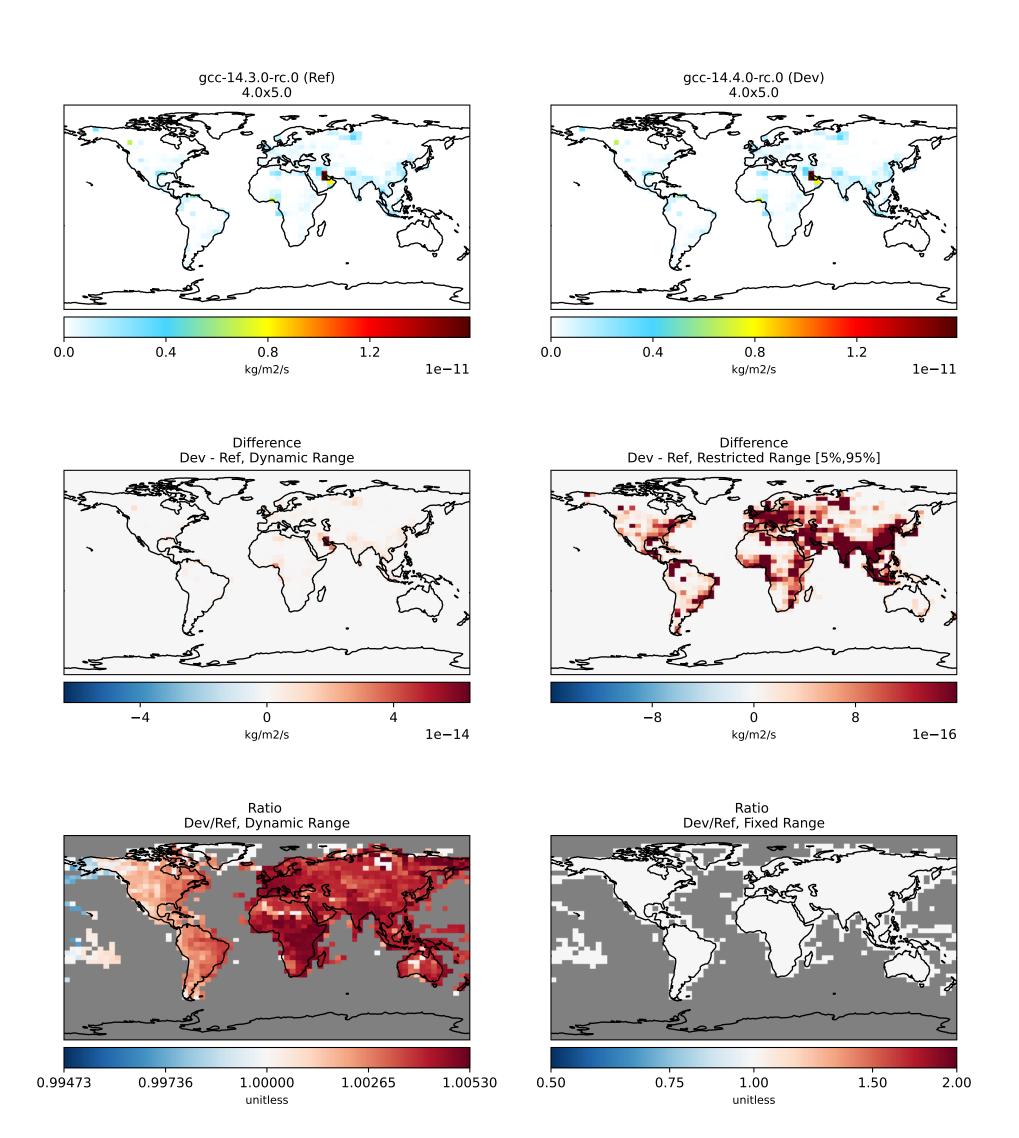




Ref and Dev equal throughout domain unitless

Ref and Dev equal throughout domain unitless

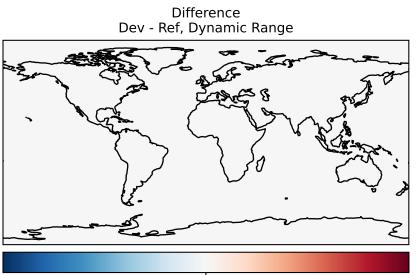
EmisCH2O_Anthro (Apr2019)

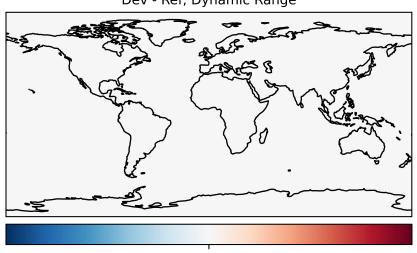


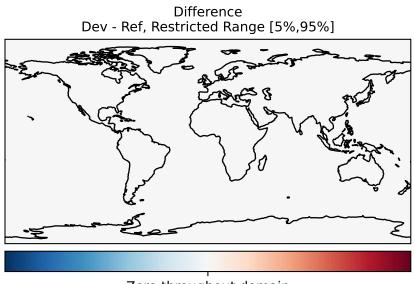
EmisCH2O_BioBurn (Apr2019)

gcc-14.3.0-rc.0 (Ref) 4.0x5.0 1 2 kg/m2/s 1e-11

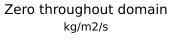
gcc-14.4.0-rc.0 (Dev) 4.0x5.0 1 2 kg/m2/s 1e-11

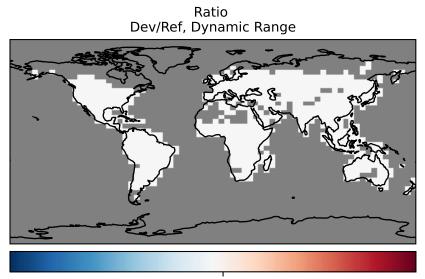


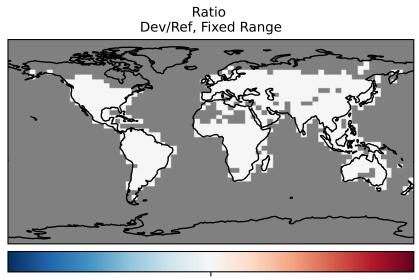




Zero throughout domain kg/m2/s





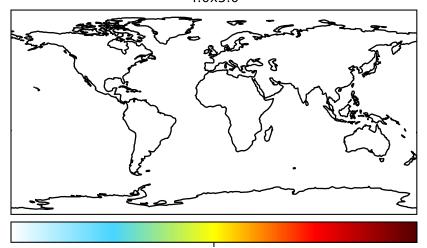


Ref and Dev equal throughout domain . unitless

Ref and Dev equal throughout domain unitless

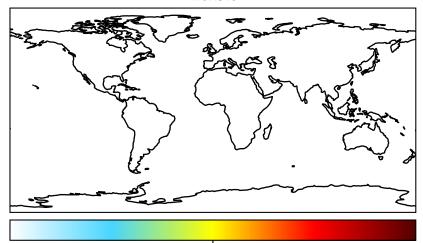
EmisCH2O_Ship (Apr2019)

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



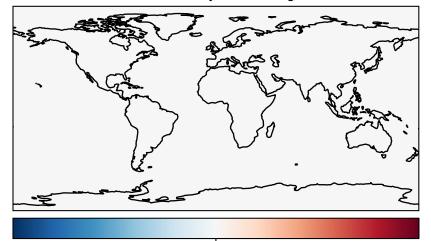
Zero throughout domain kg/m2/s

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



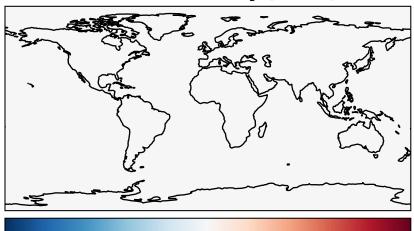
Zero throughout domain kg/m2/s

Difference Dev - Ref, Dynamic Range



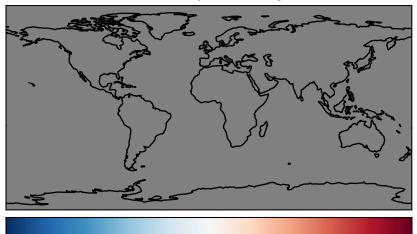
Zero throughout domain kg/m2/s

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



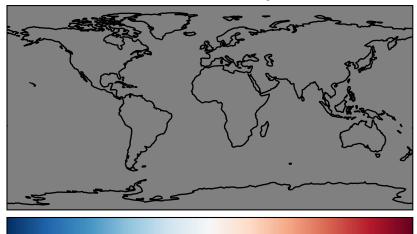
Zero throughout domain kg/m2/s

Ratio Dev/Ref, Dynamic Range



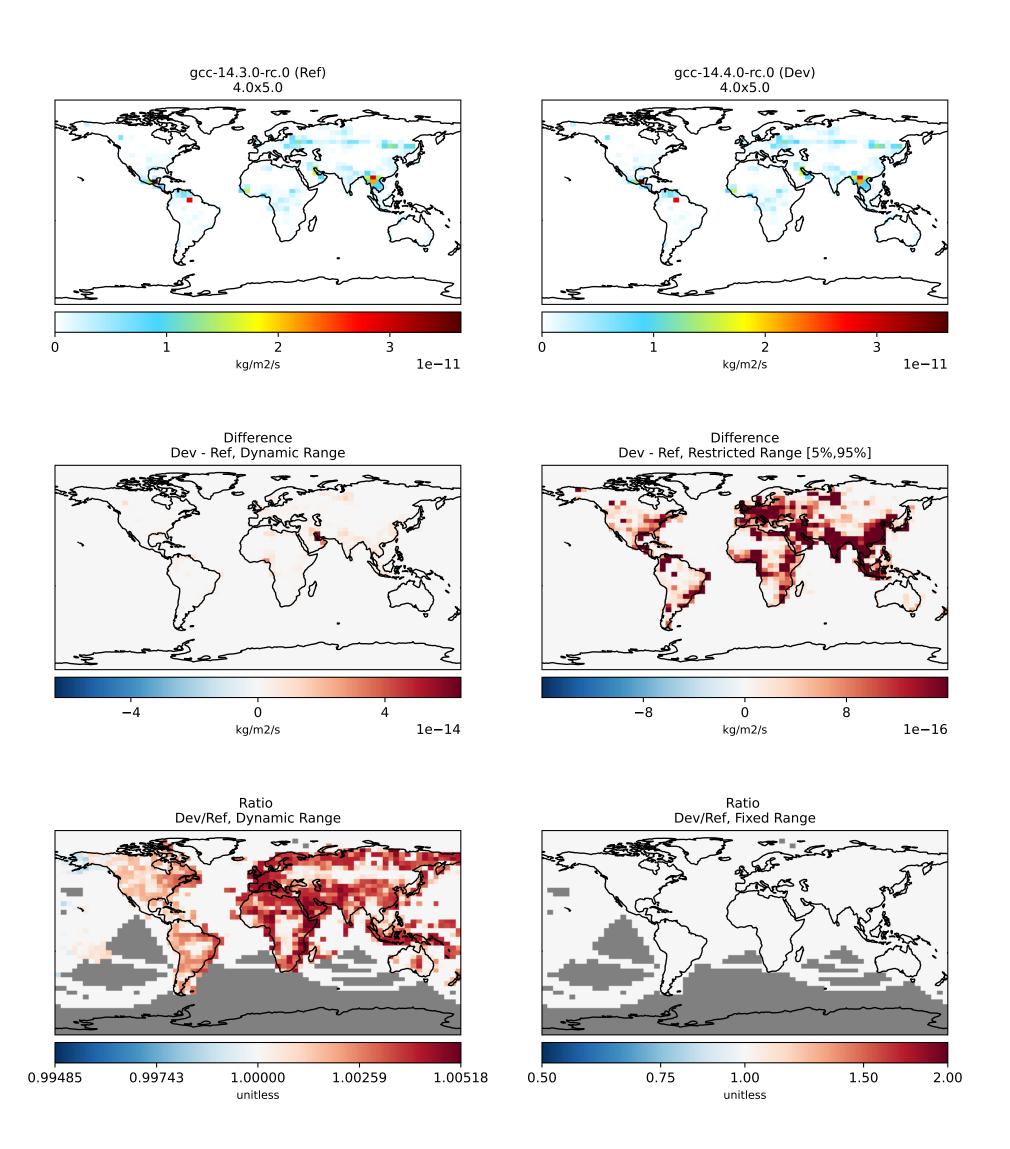
Undefined throughout domain unitless

Ratio Dev/Ref, Fixed Range

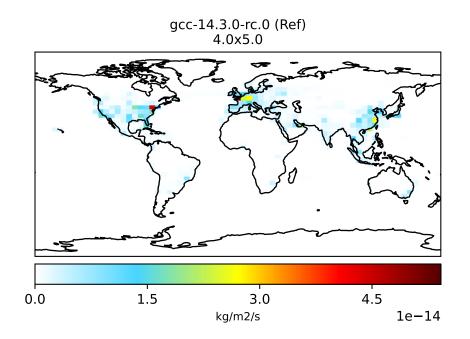


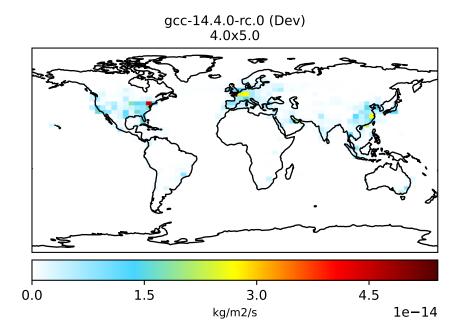
Undefined throughout domain unitless

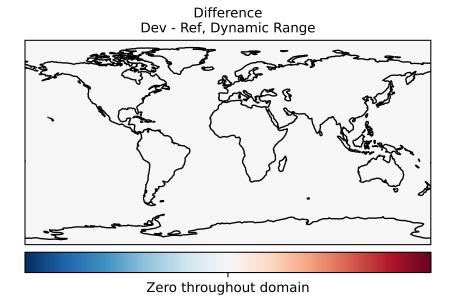
EmisCH2O_Total (Apr2019)



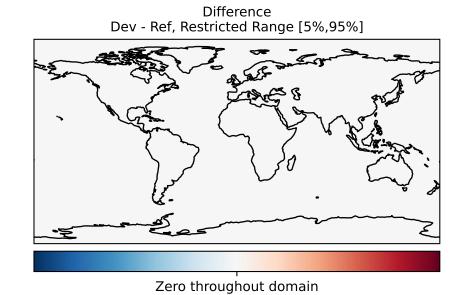
EmisMACR_Aircraft (Apr2019)



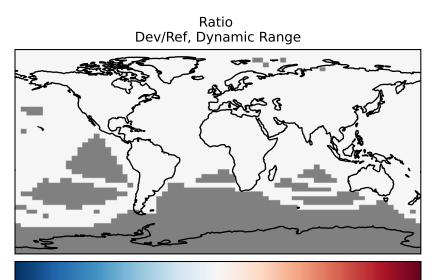


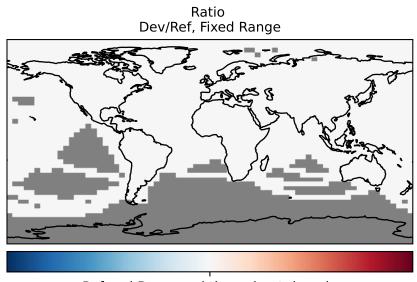


kg/m2/s



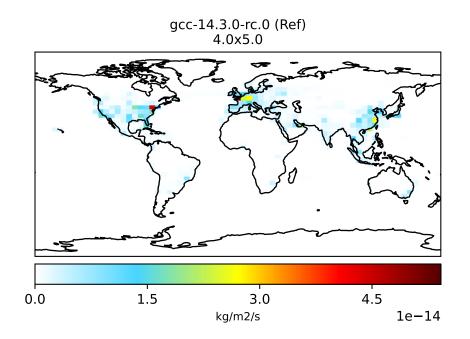
kg/m2/s

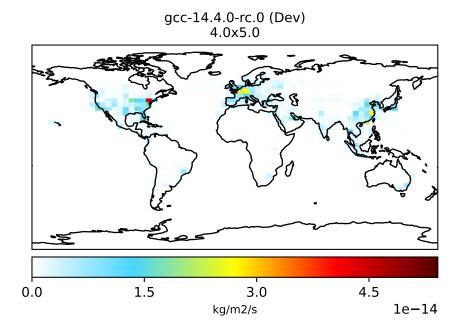


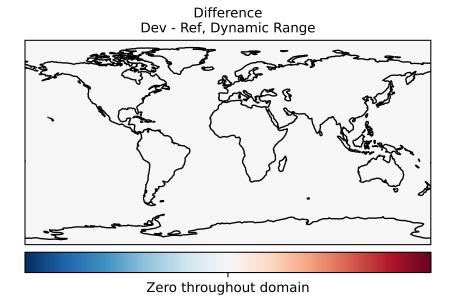


Ref and Dev equal throughout domain unitless Ref and Dev equal throughout domain unitless

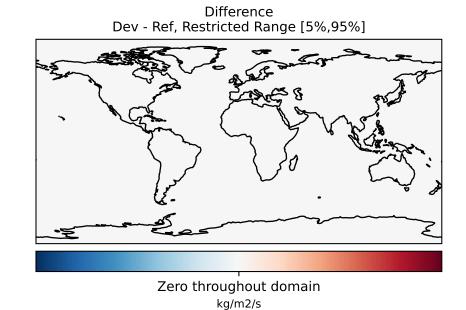
EmisMACR_Total (Apr2019)

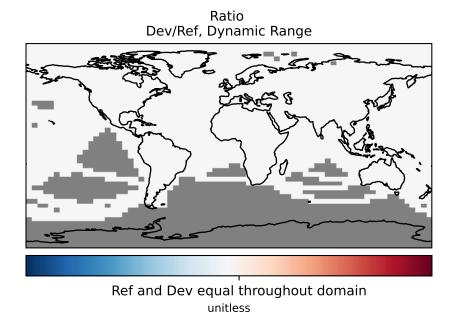


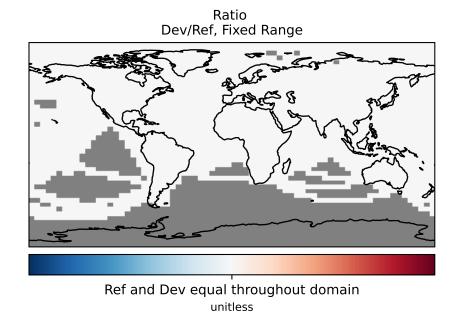




kg/m2/s







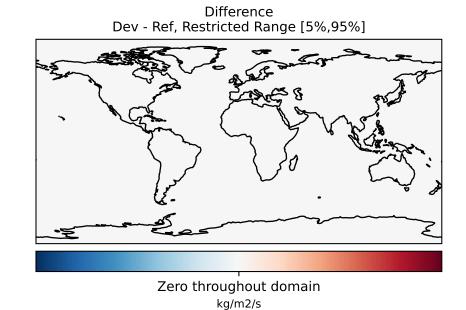
EmisACET_BioBurn (Apr2019)

gcc-14.3.0-rc.0 (Ref) 4.0x5.0 3 6 kg/m2/s 1e-12

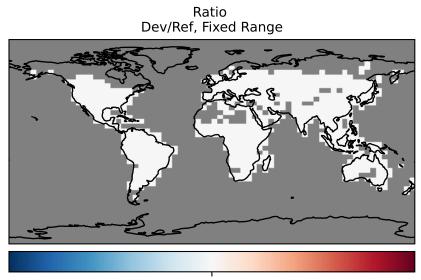
gcc-14.4.0-rc.0 (Dev) 4.0x5.0 3 6 kg/m2/s 1e-12

Difference Dev - Ref, Dynamic Range

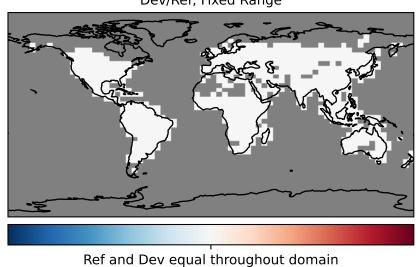
Zero throughout domain kg/m2/s



Ratio Dev/Ref, Dynamic Range

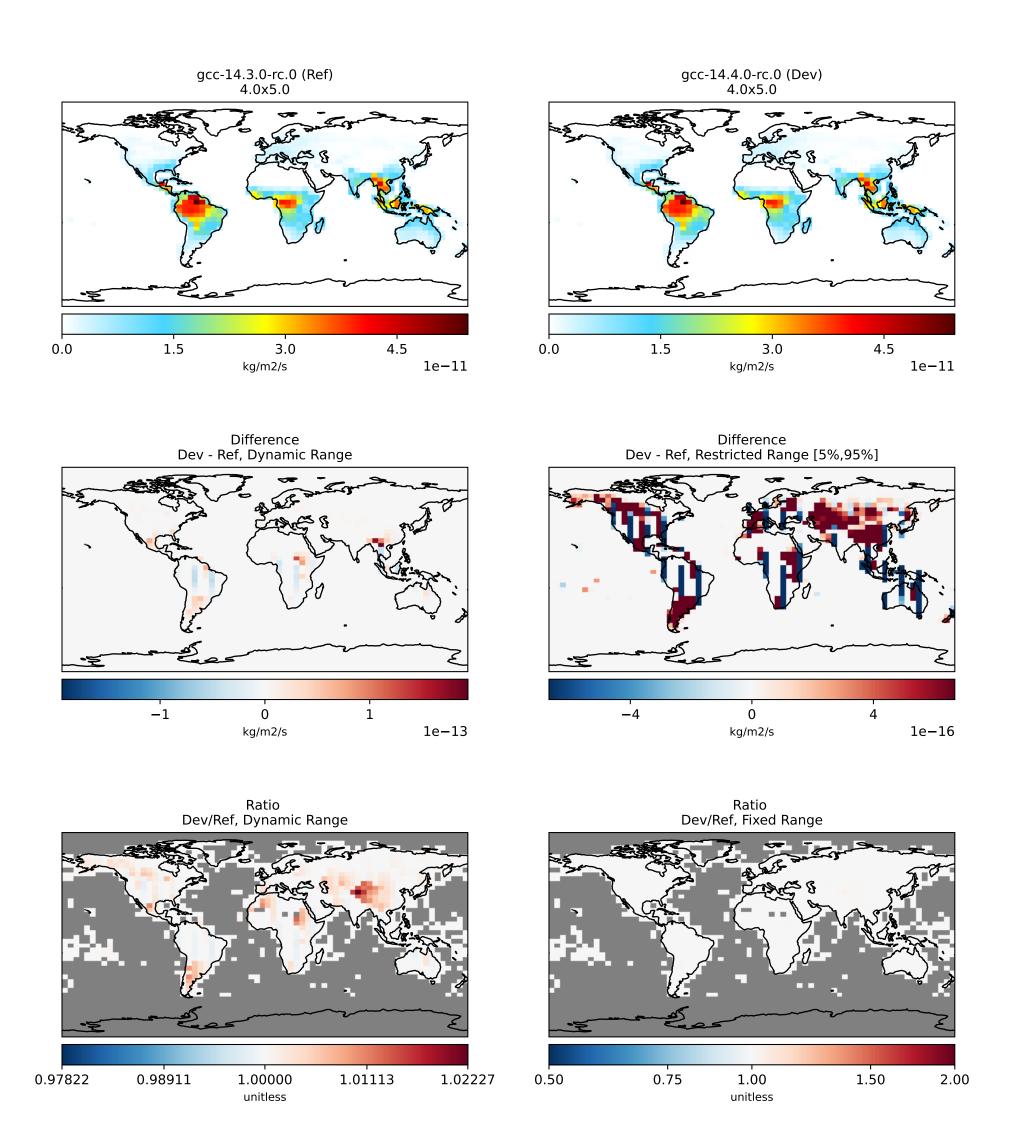


Ref and Dev equal throughout domain . unitless

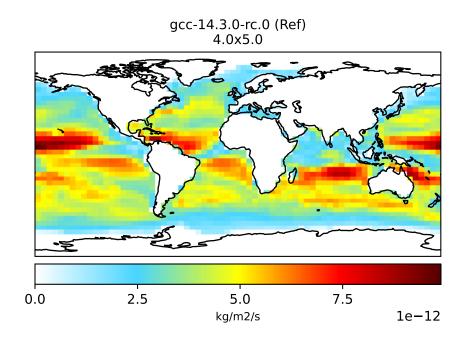


unitless

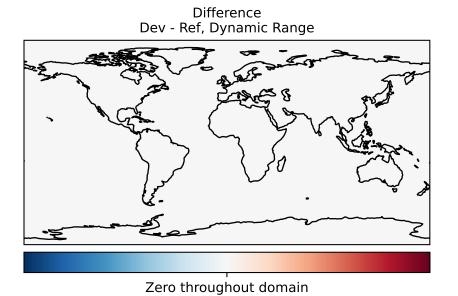
EmisACET_Biogenic (Apr2019)



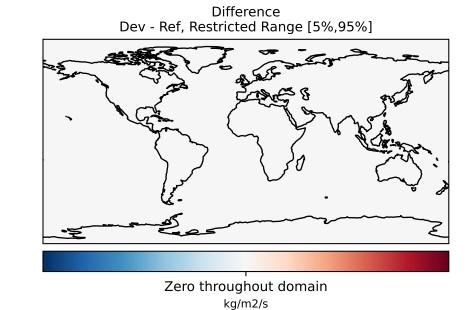
EmisACET_Ocean (Apr2019)



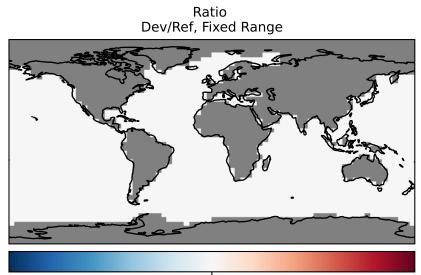
gcc-14.4.0-rc.0 (Dev) 4.0x5.0 7.5 2.5 5.0 0.0 1e-12 kg/m2/s



kg/m2/s



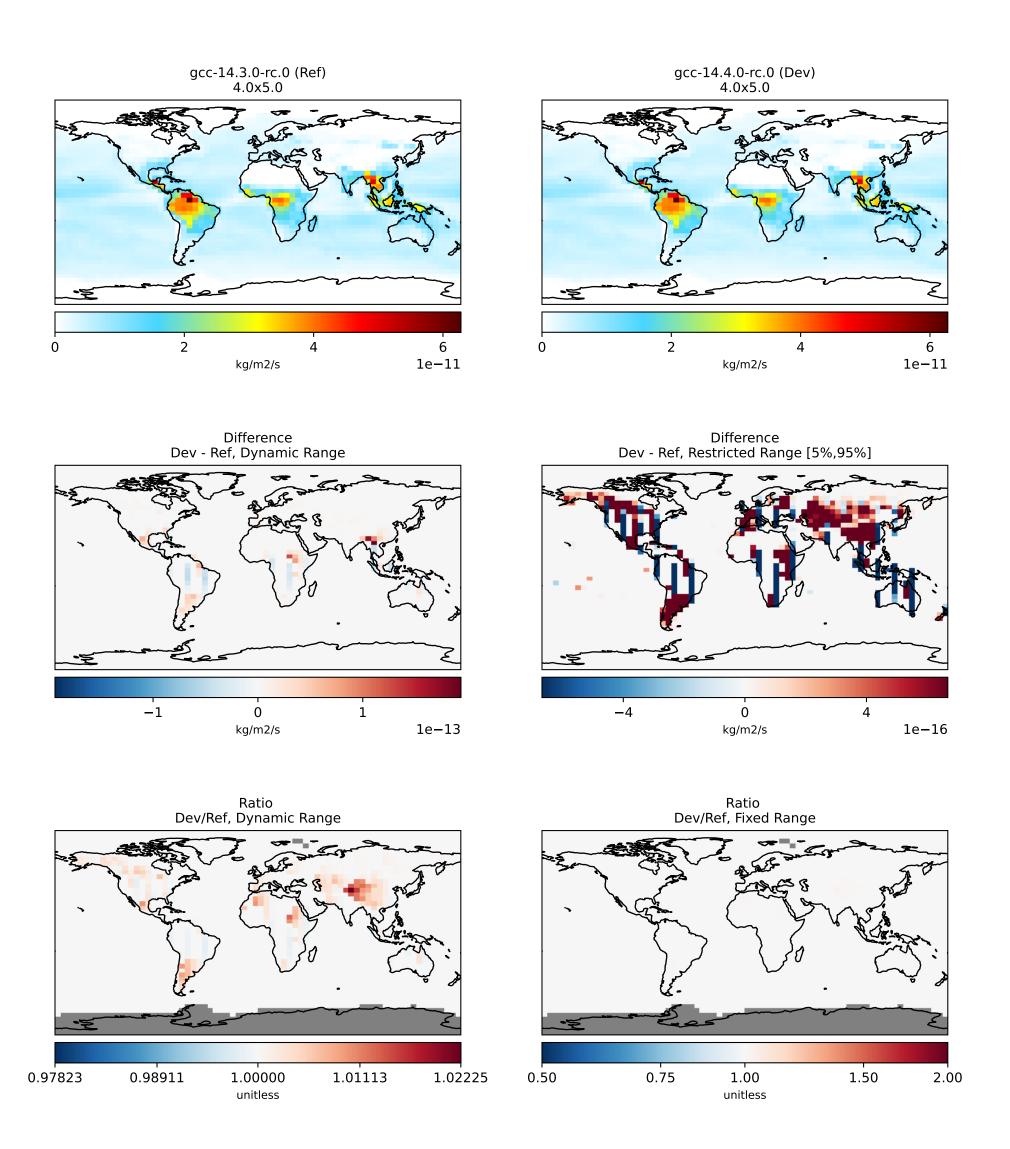
Ratio Dev/Ref, Dynamic Range



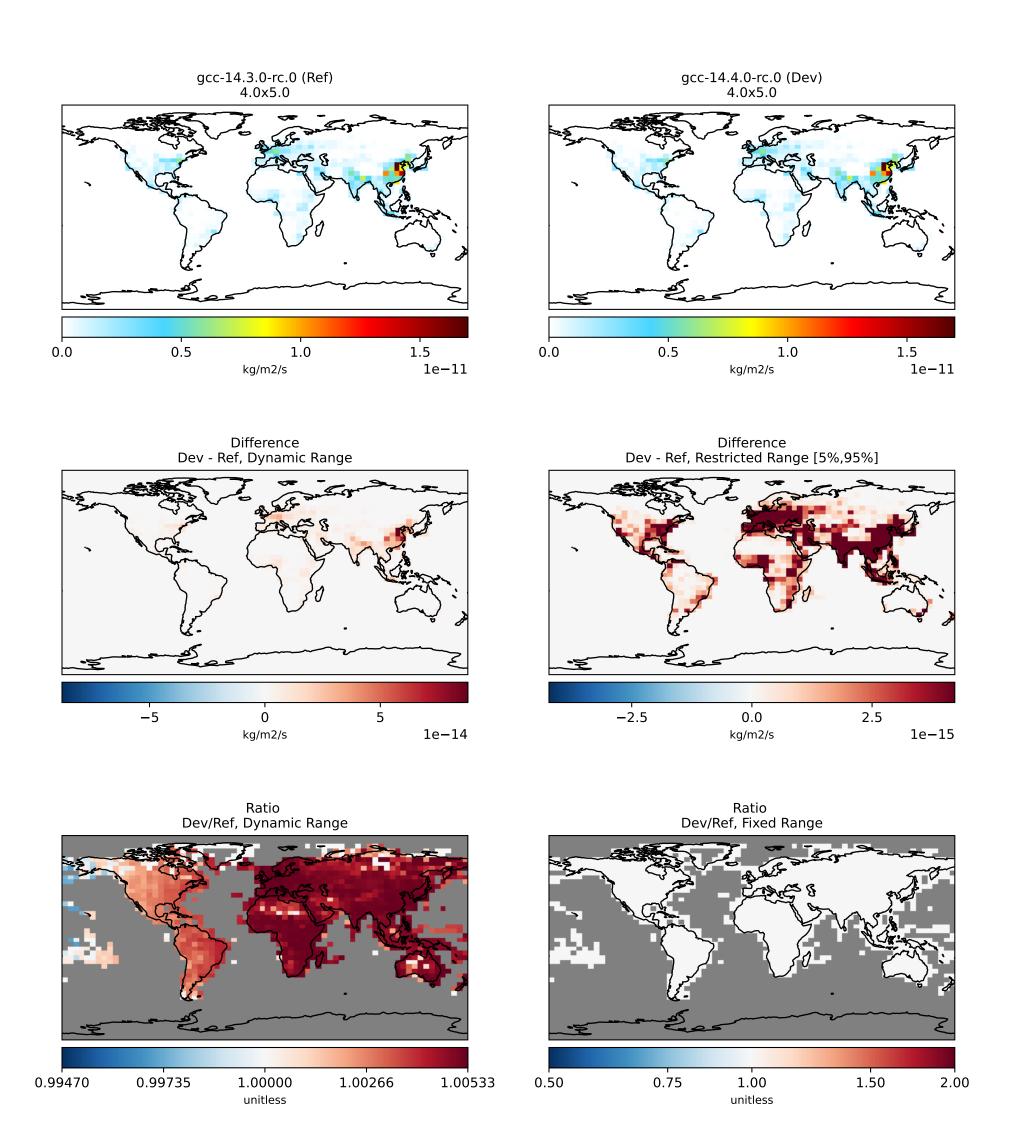
Ref and Dev equal throughout domain unitless

Ref and Dev equal throughout domain unitless

EmisACET_Total (Apr2019)



EmisMEK_Anthro (Apr2019)

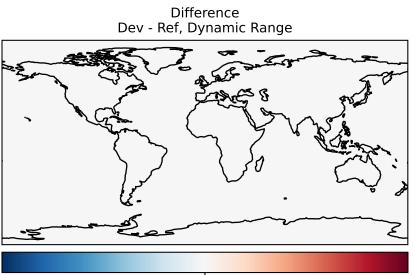


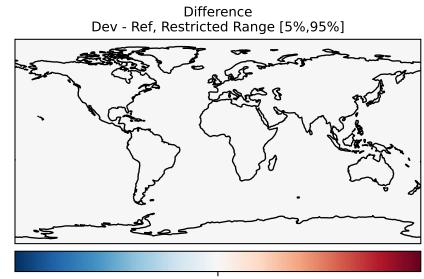
EmisMEK_BioBurn (Apr2019)

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

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

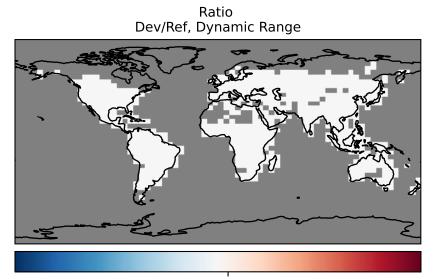
0
2
4
6
kg/m2/s
1e-12

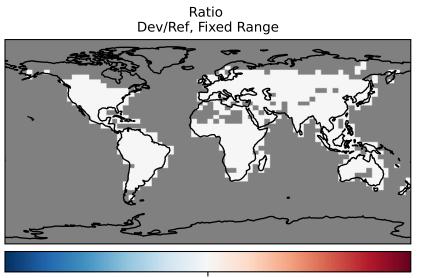




Zero throughout domain kg/m2/s

Zero throughout domain kg/m2/s



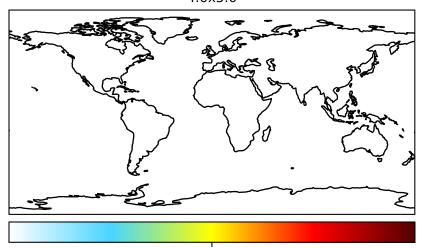


Ref and Dev equal throughout domain unitless

Ref and Dev equal throughout domain unitless

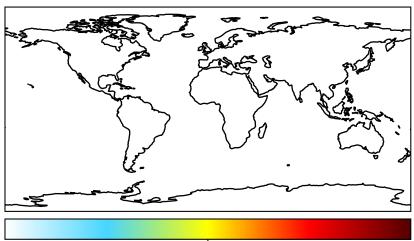
EmisMEK_Ship (Apr2019)

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



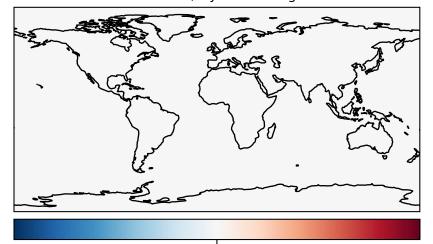
Zero throughout domain kg/m2/s

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



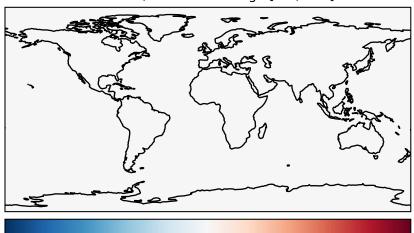
Zero throughout domain kg/m2/s

Difference Dev - Ref, Dynamic Range



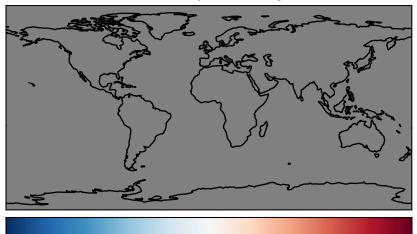
Zero throughout domain kg/m2/s

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



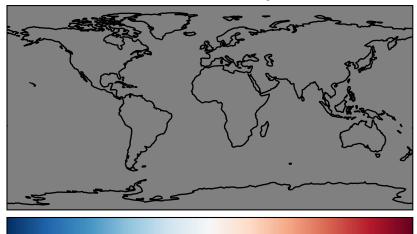
Zero throughout domain kg/m2/s

Ratio Dev/Ref, Dynamic Range



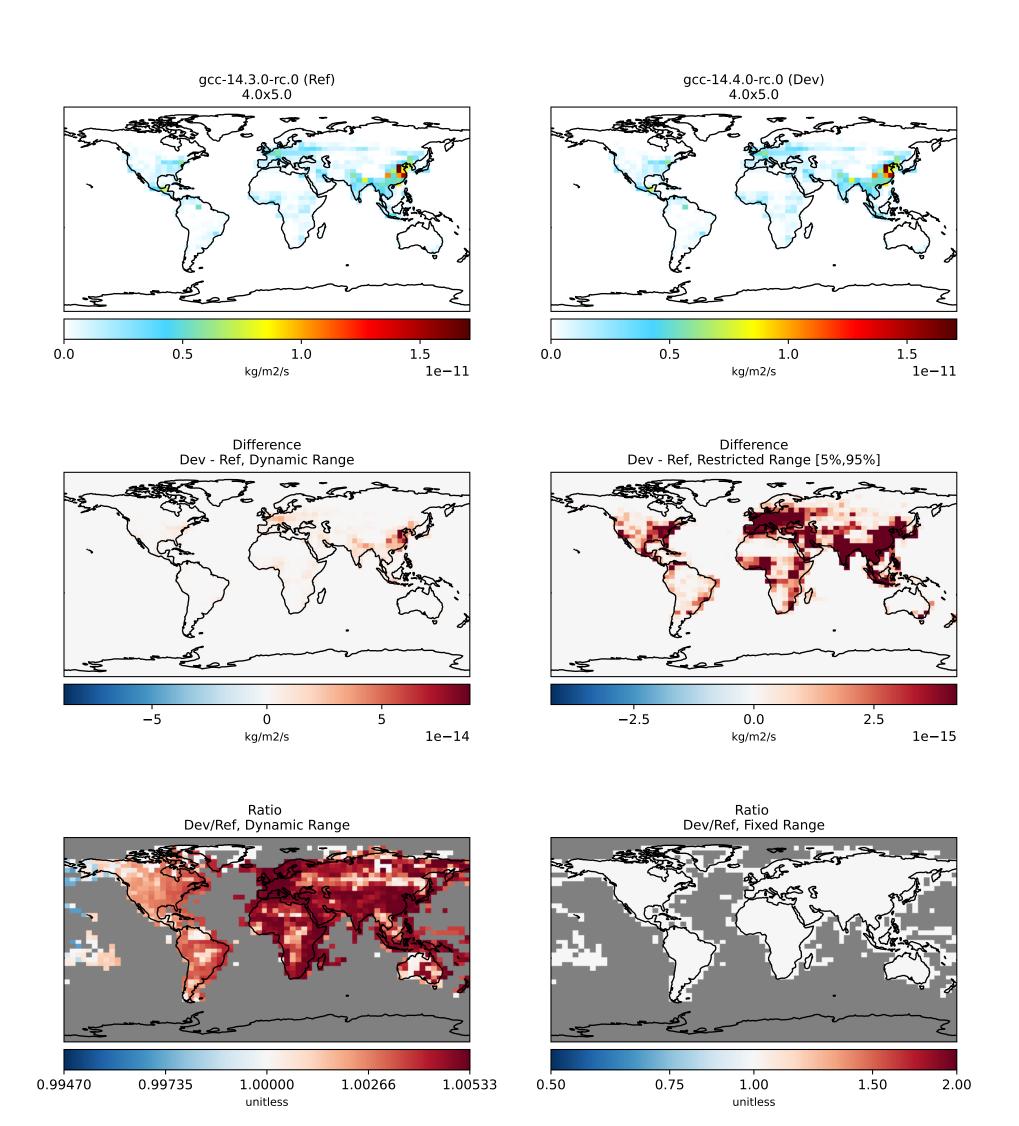
Undefined throughout domain unitless

Ratio Dev/Ref, Fixed Range



Undefined throughout domain unitless

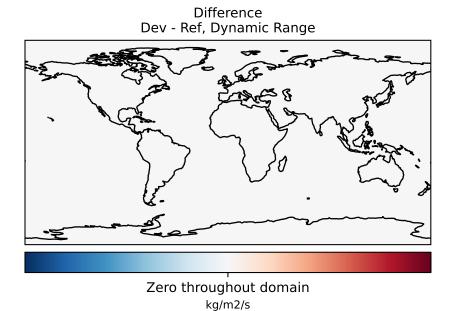
EmisMEK_Total (Apr2019)

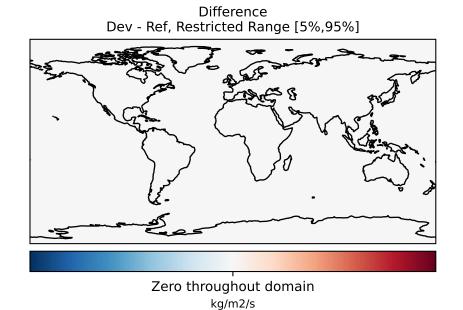


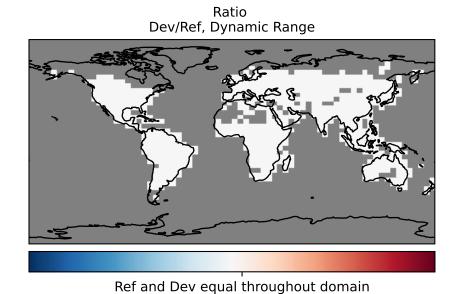
EmisMVK_BioBurn (Apr2019)

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

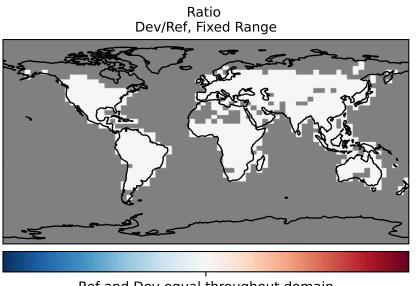
gcc-14.4.0-rc.0 (Dev) 4.0x5.0 2 kg/m2/s 1e-12







. unitless

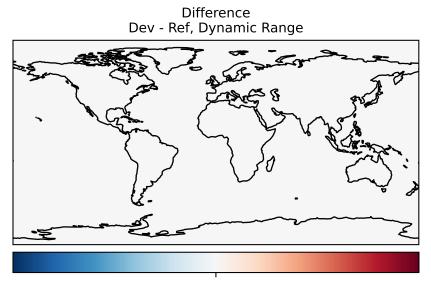


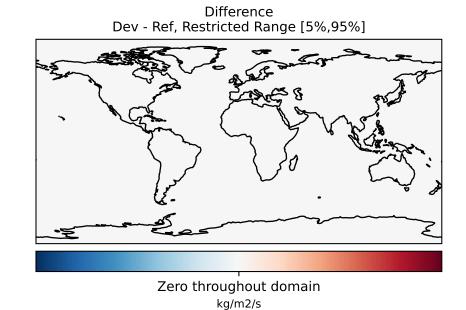
Ref and Dev equal throughout domain unitless

EmisMVK_Total (Apr2019)

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

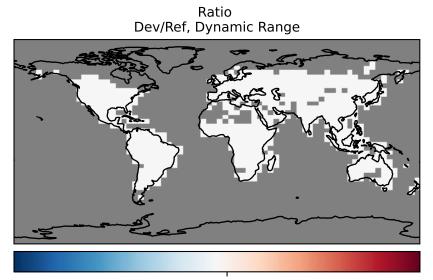
gcc-14.4.0-rc.0 (Dev) 4.0x5.0

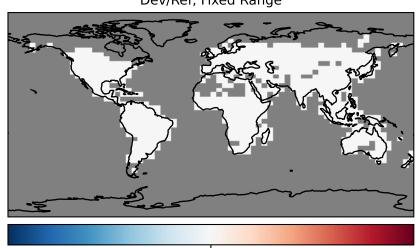




Zero throughout domain kg/m2/s



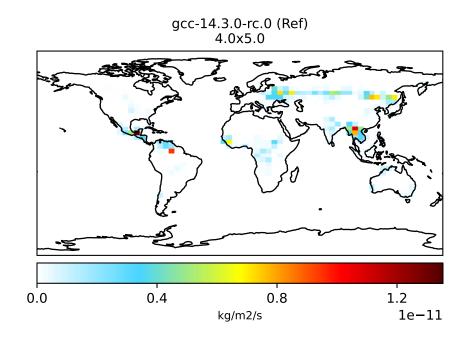




Ref and Dev equal throughout domain unitless

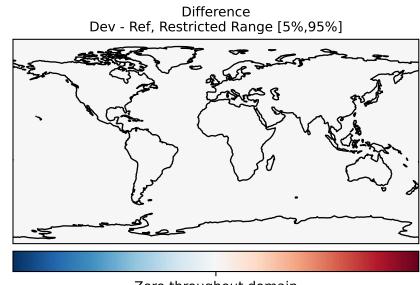
Ref and Dev equal throughout domain unitless

EmisFURA_BioBurn (Apr2019)



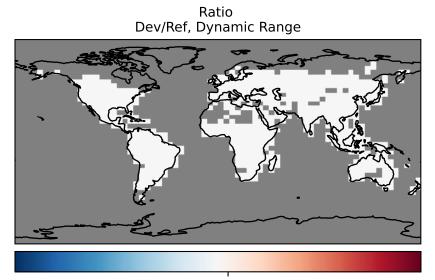
0.0 0.4 0.8 1.2 kg/m2/s 1e-11

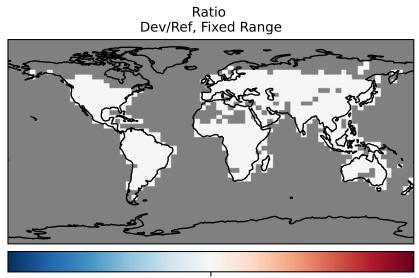
Difference Dev - Ref, Dynamic Range



Zero throughout domain kg/m2/s

Zero throughout domain kg/m2/s

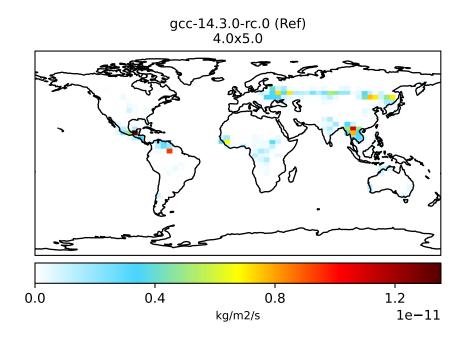


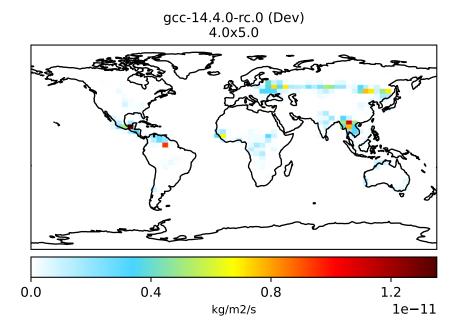


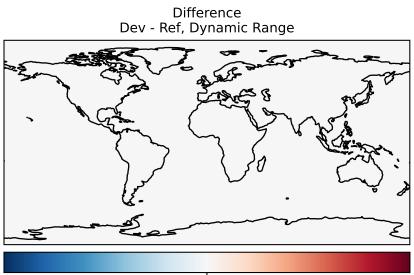
Ref and Dev equal throughout domain unitless

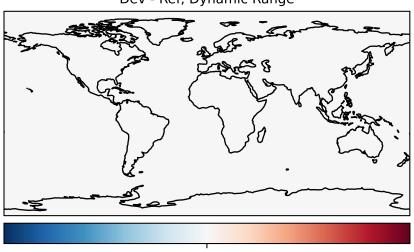
Ref and Dev equal throughout domain unitless

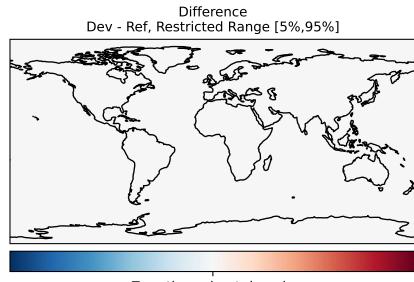
EmisFURA_Total (Apr2019)





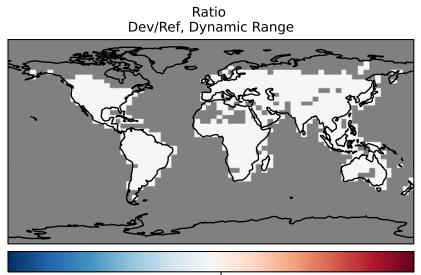






Zero throughout domain kg/m2/s

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

EmisGLYX_BioBurn (Apr2019)

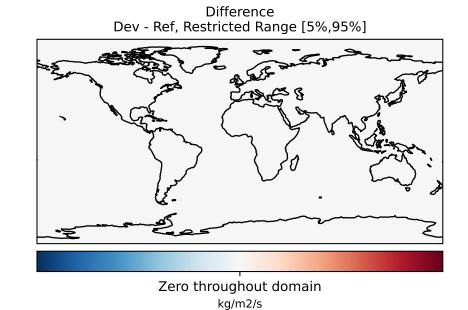
gcc-14.3.0-rc.0 (Ref) 4.0x5.0

2
4
6
kg/m2/s
1e-12

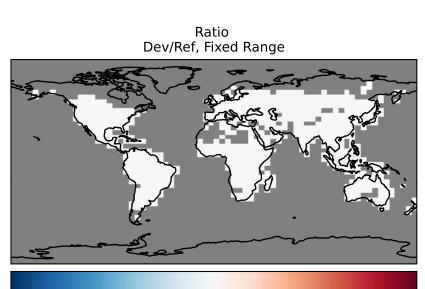
gcc-14.4.0-rc.0 (Dev) 4.0x5.0

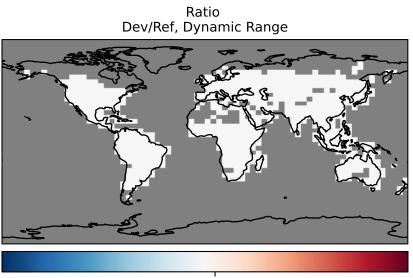
2
4
6
kg/m2/s
1e-12

Difference Dev - Ref, Dynamic Range



Zero throughout domain kg/m2/s





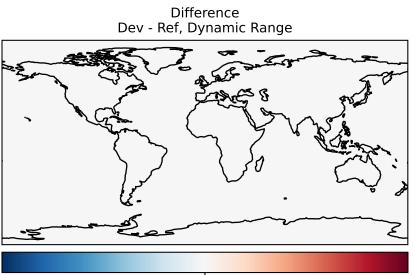
Ref and Dev equal throughout domain unitless

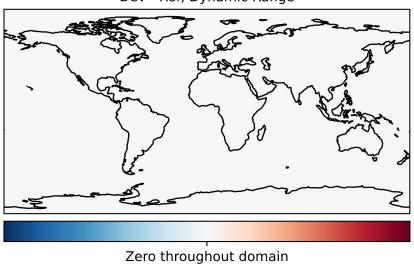
Ref and Dev equal throughout domain unitless

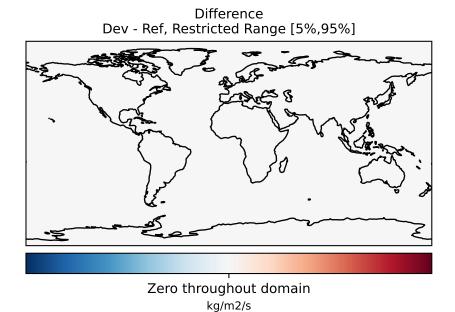
EmisGLYX_Total (Apr2019)

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

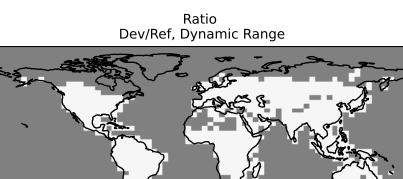
gcc-14.4.0-rc.0 (Dev) 4.0x5.0 2 kg/m2/s 1e-12



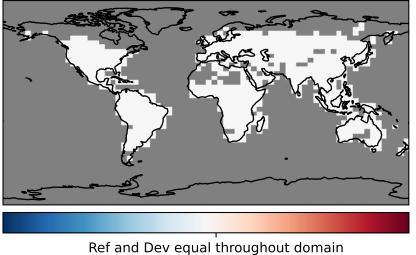




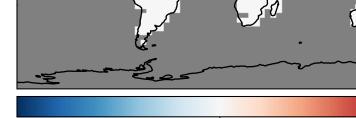
Ratio Dev/Ref, Fixed Range



kg/m2/s

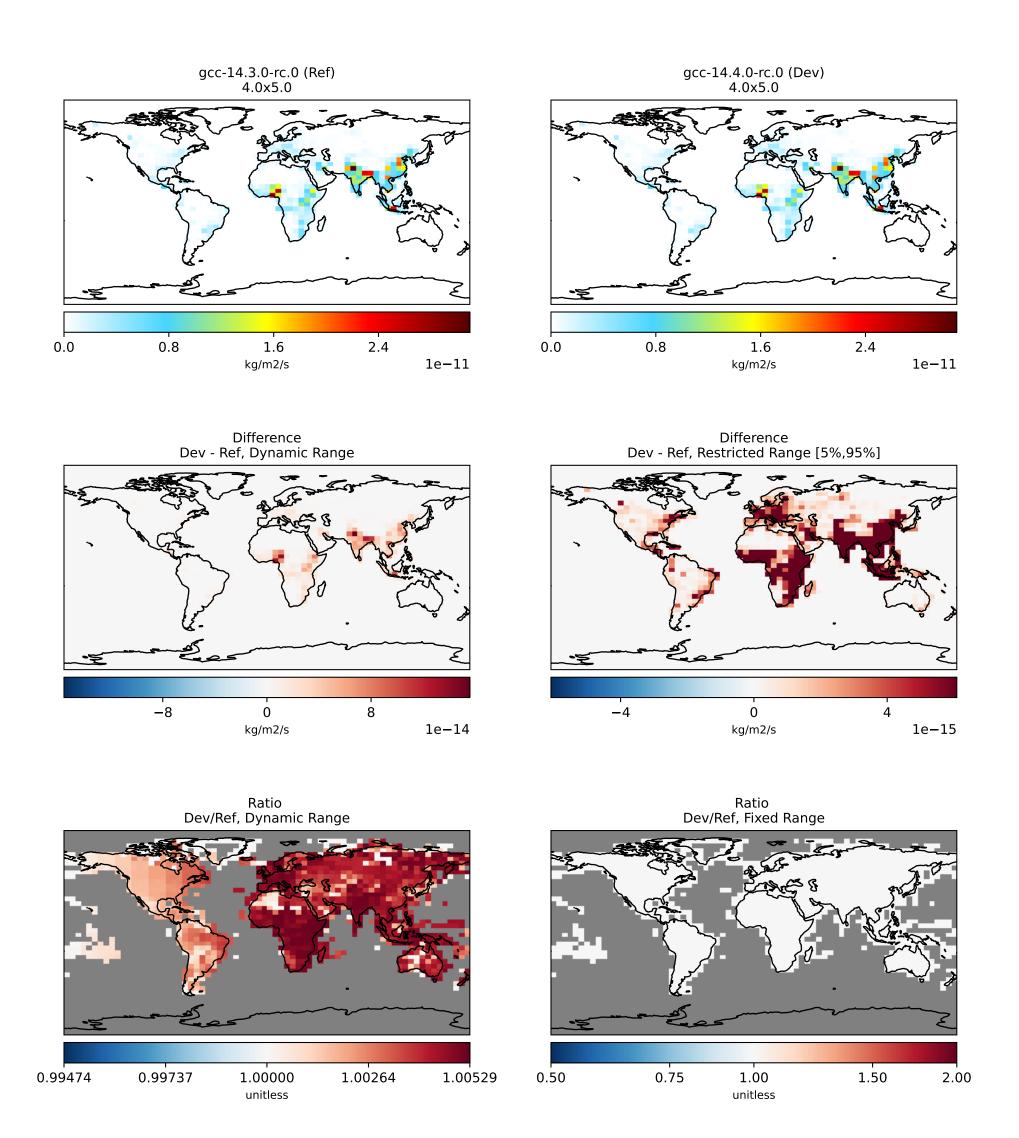


. unitless



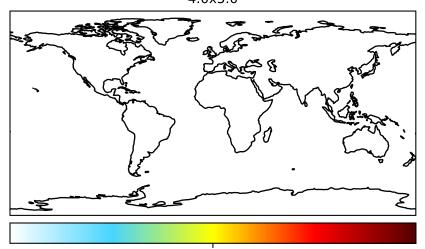
Ref and Dev equal throughout domain unitless

EmisHCOOH_Anthro (Apr2019)



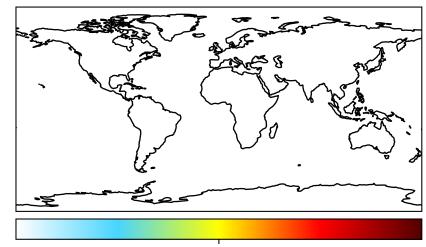
EmisHCOOH_Ship (Apr2019)

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



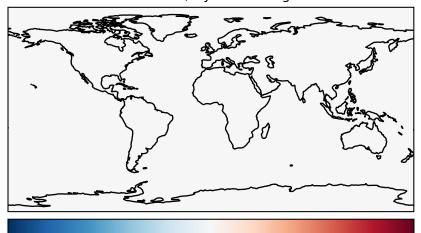
Zero throughout domain kg/m2/s

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



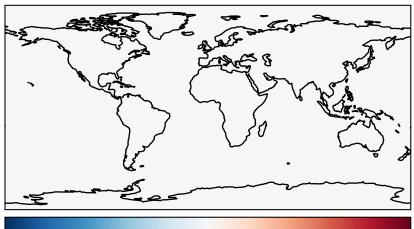
Zero throughout domain kg/m2/s

Difference Dev - Ref, Dynamic Range



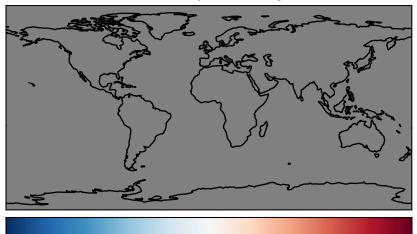
Zero throughout domain kg/m2/s

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



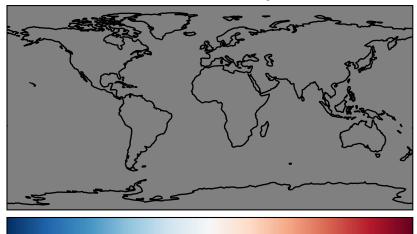
Zero throughout domain kg/m2/s

Ratio Dev/Ref, Dynamic Range



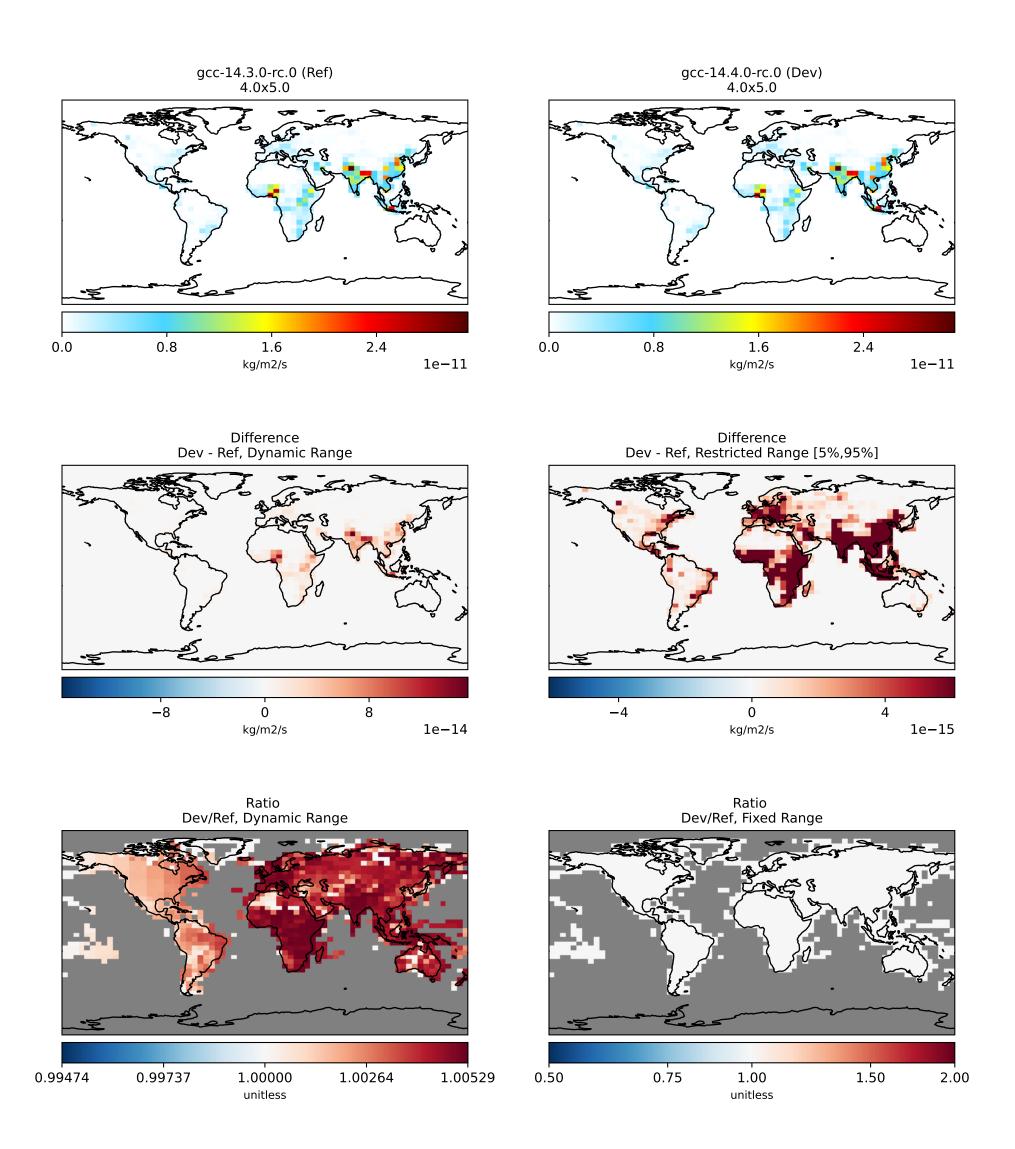
Undefined throughout domain unitless

Ratio Dev/Ref, Fixed Range



Undefined throughout domain unitless

EmisHCOOH_Total (Apr2019)



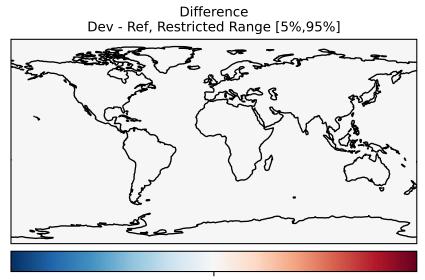
EmisPHEN_BioBurn (Apr2019)

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

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

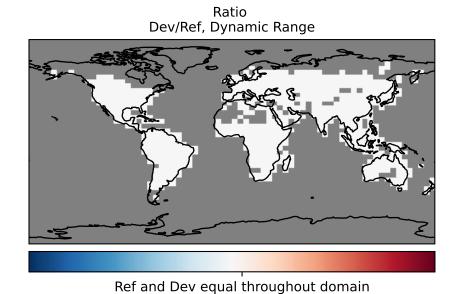
0
2
4
6
kg/m2/s
1e-12

Difference Dev - Ref, Dynamic Range

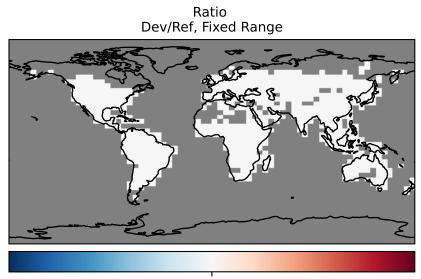


Zero throughout domain kg/m2/s

Zero throughout domain kg/m2/s



. unitless

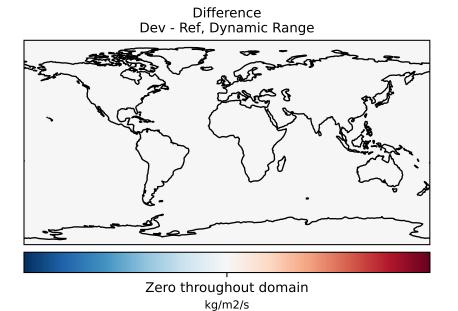


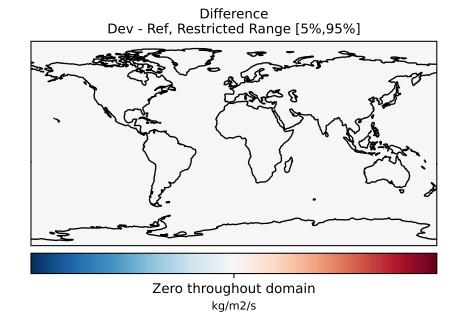
Ref and Dev equal throughout domain unitless

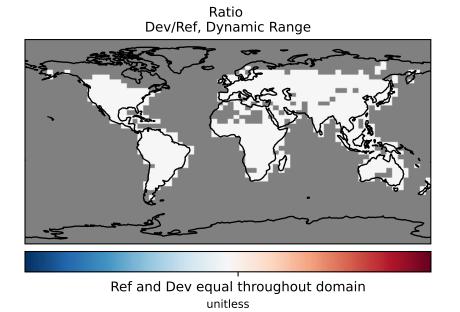
EmisPHEN_Total (Apr2019)

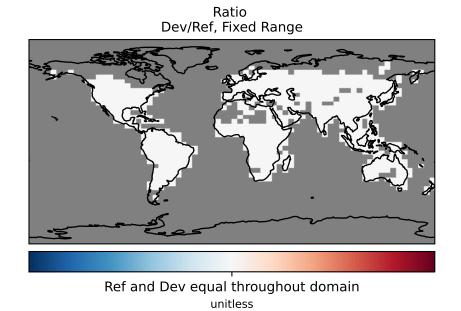
gcc-14.3.0-rc.0 (Ref) 4.0x5.0

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









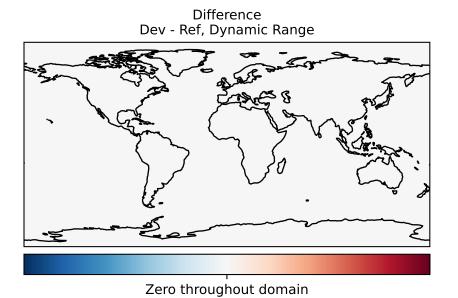
EmisRCHO_Aircraft (Apr2019)

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

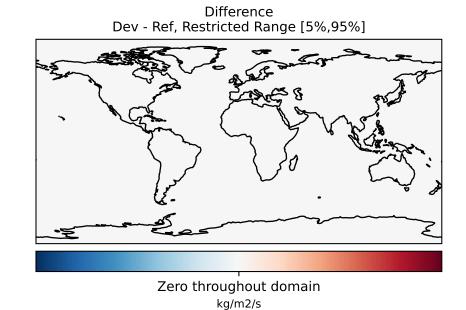
gcc-14.4.0-rc.0 (Dev) 4.0x5.0

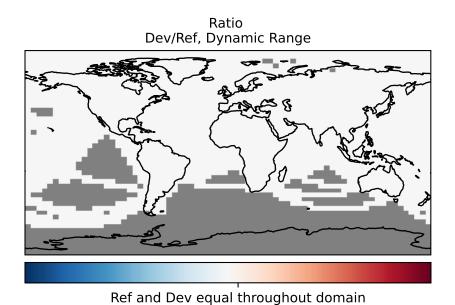
1
2
3
kg/m2/s

1e-14

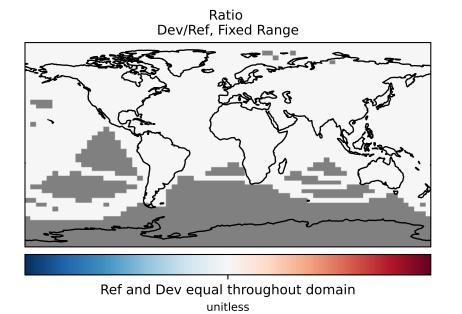


kg/m2/s





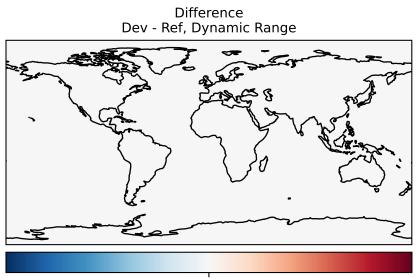
unitless

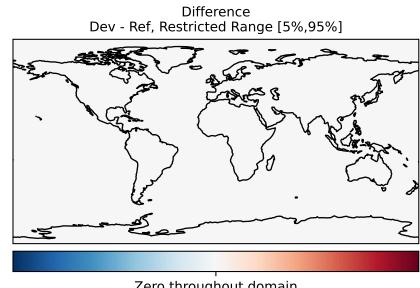


EmisRCHO_BioBurn (Apr2019)

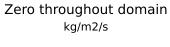
0.0 0.8 1.6 2.4 kg/m2/s 1.6 le-11

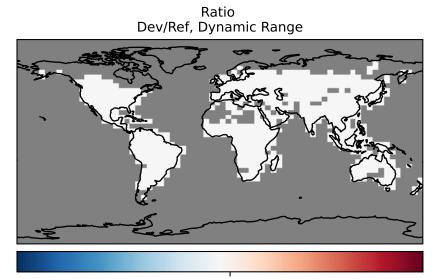
0.0 0.8 1.6 2.4 kg/m2/s 1.61

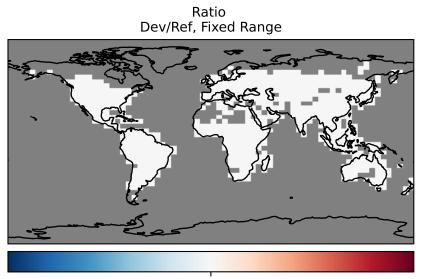




Zero throughout domain kg/m2/s



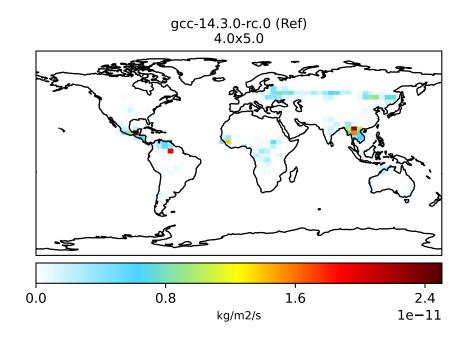


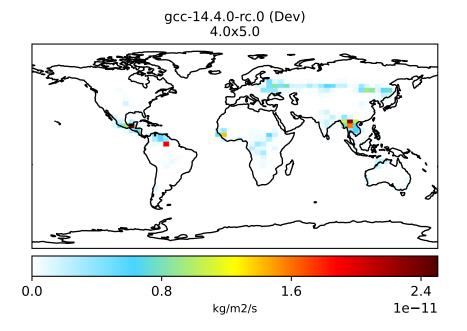


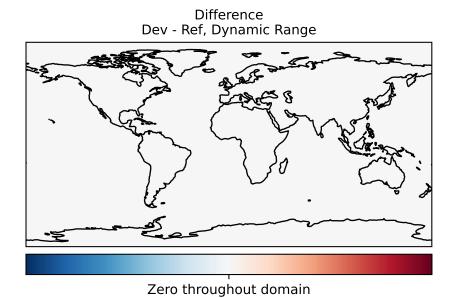
Ref and Dev equal throughout domain unitless

Ref and Dev equal throughout domain unitless

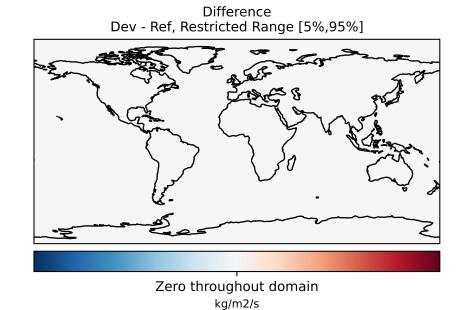
EmisRCHO_Total (Apr2019)

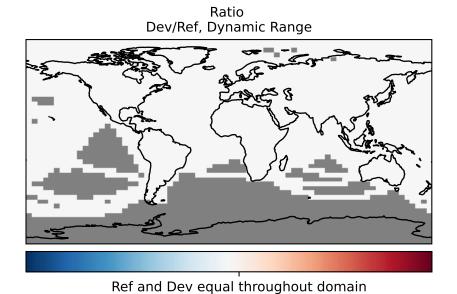






kg/m2/s





unitless

