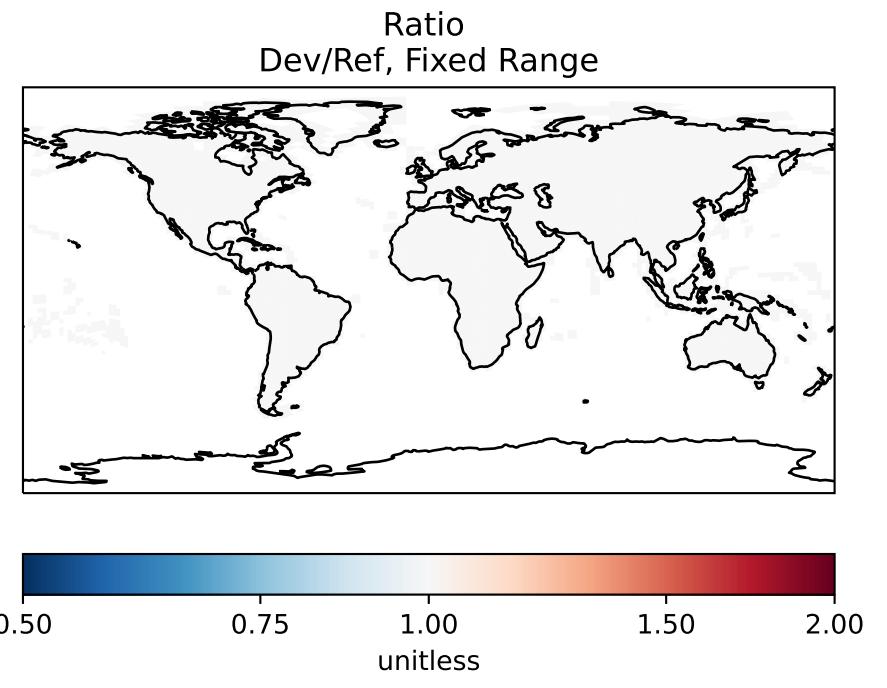
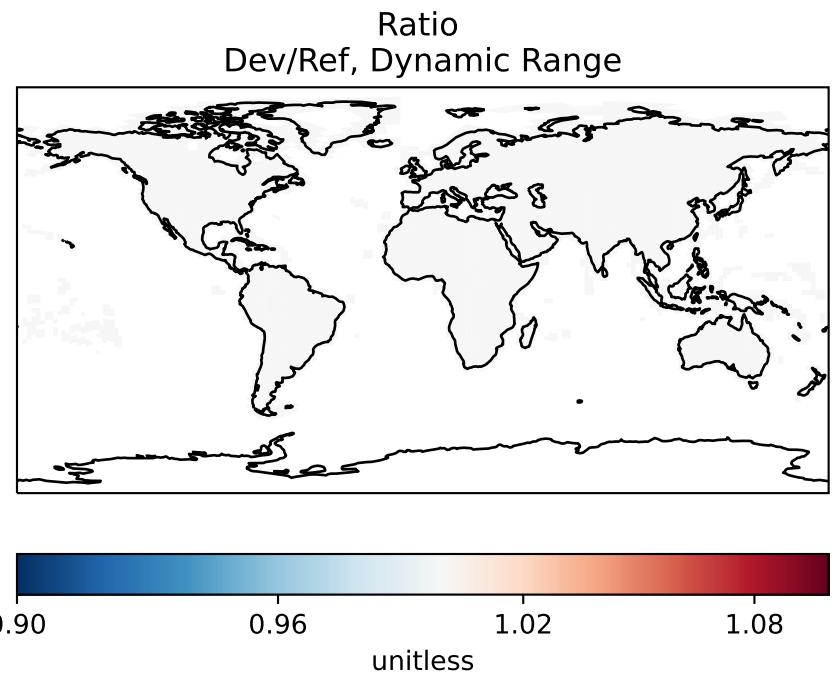
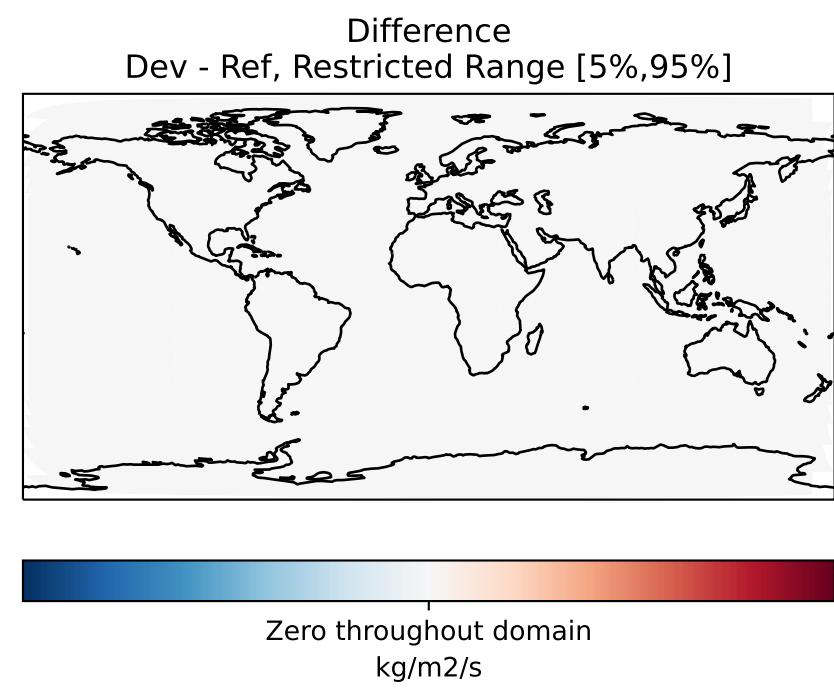
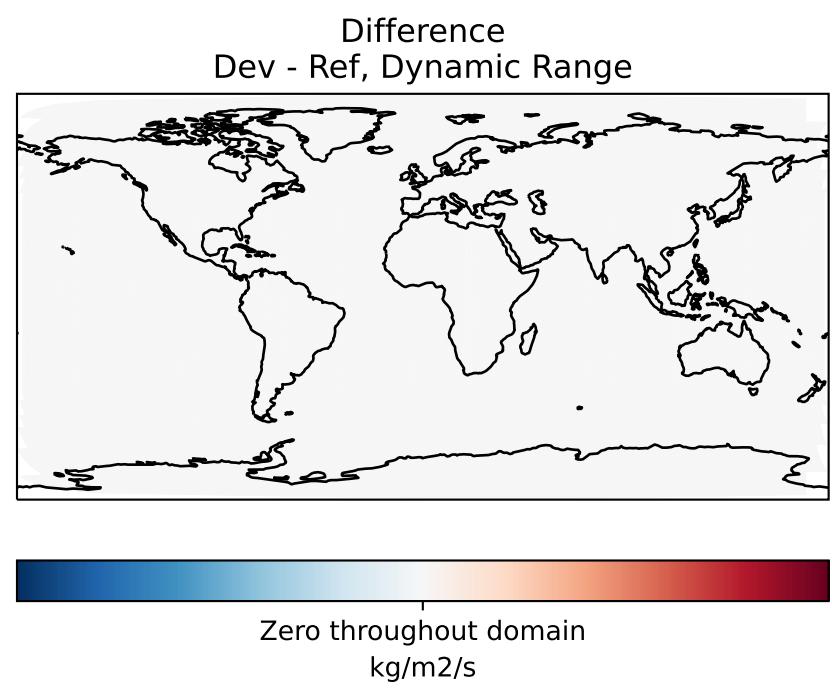
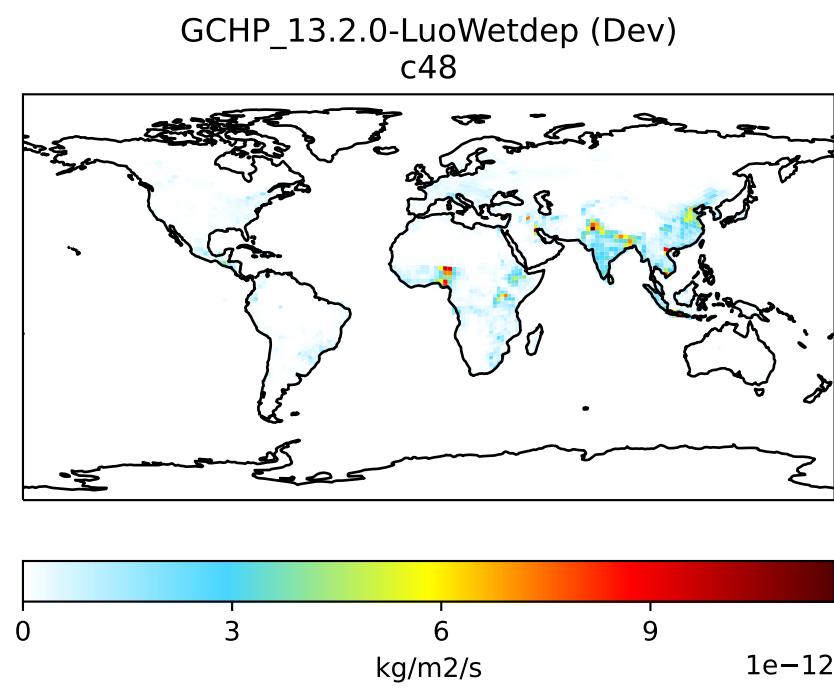
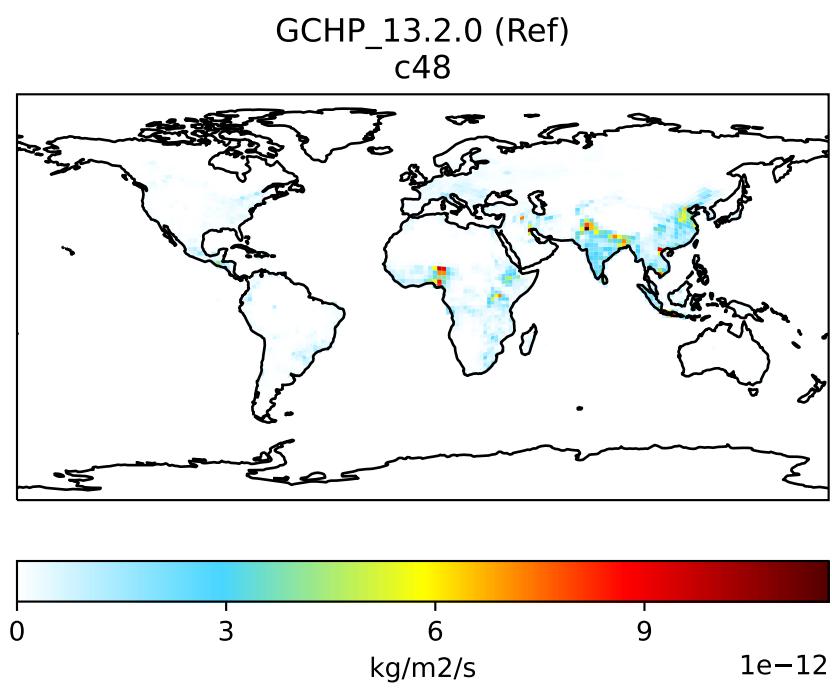
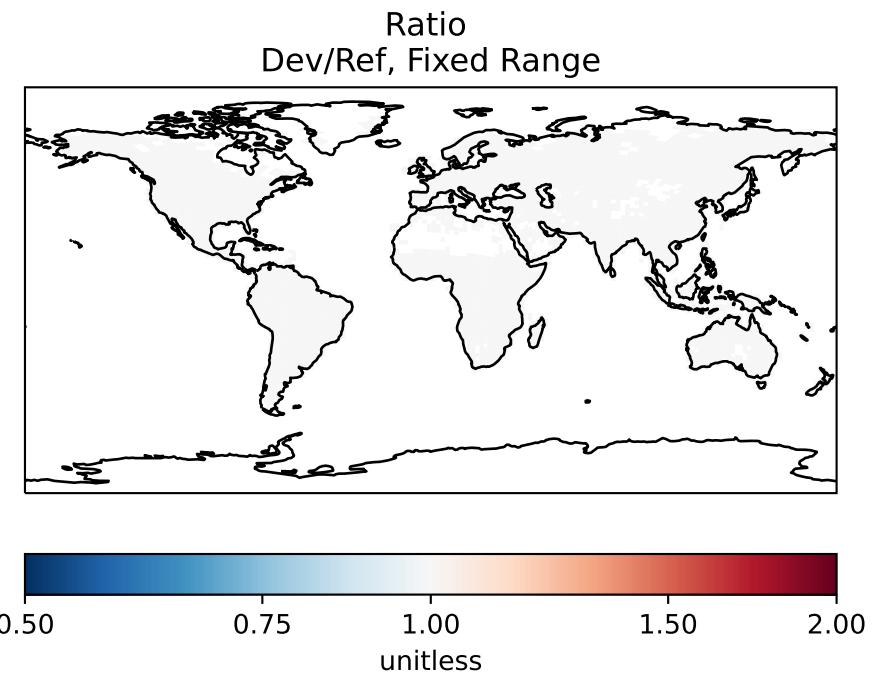
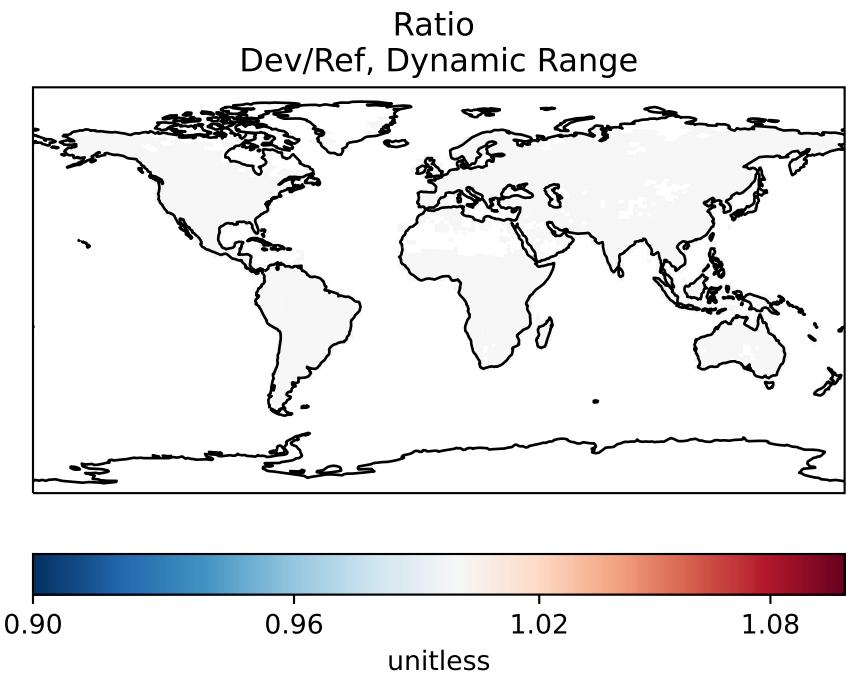
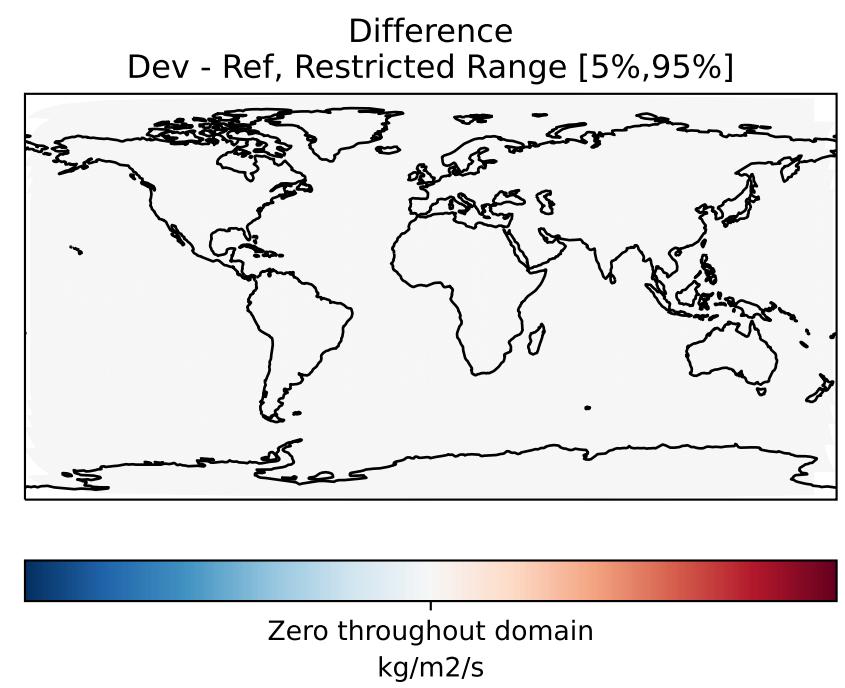
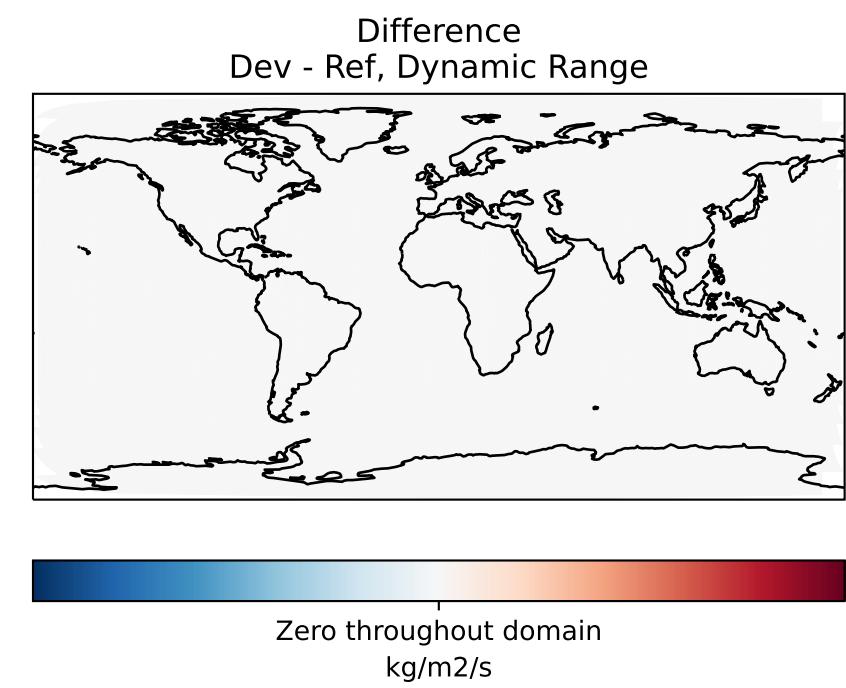
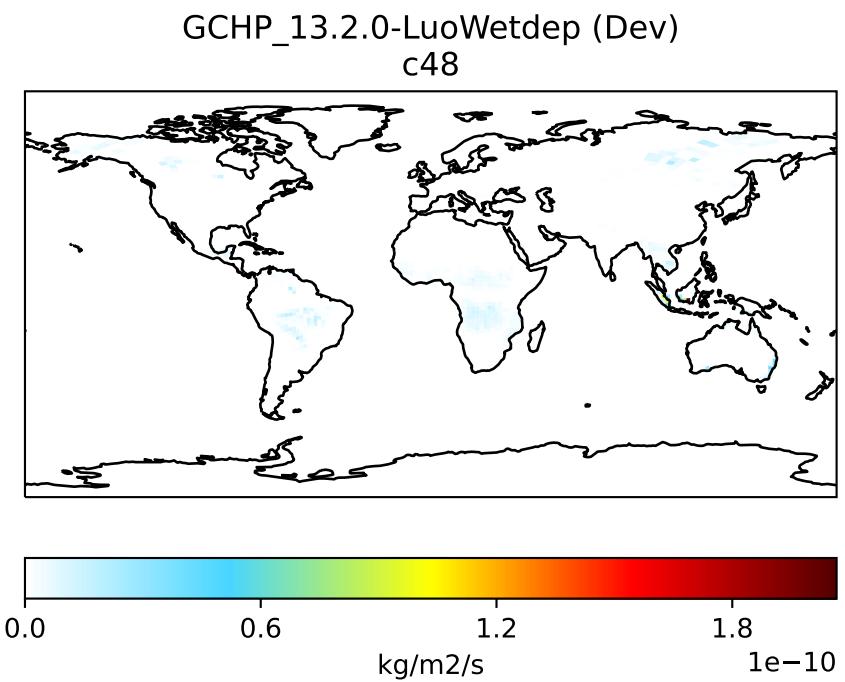
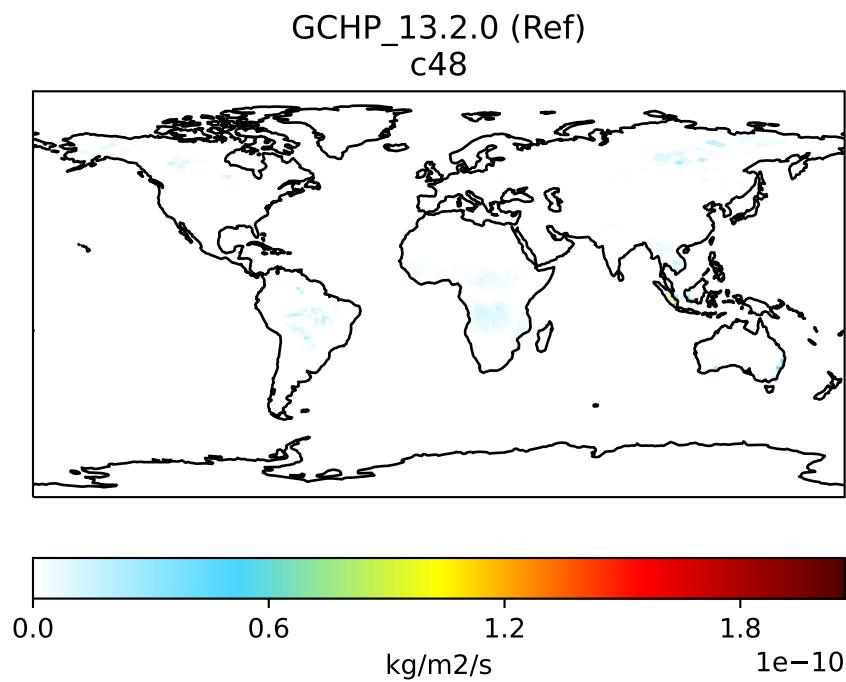


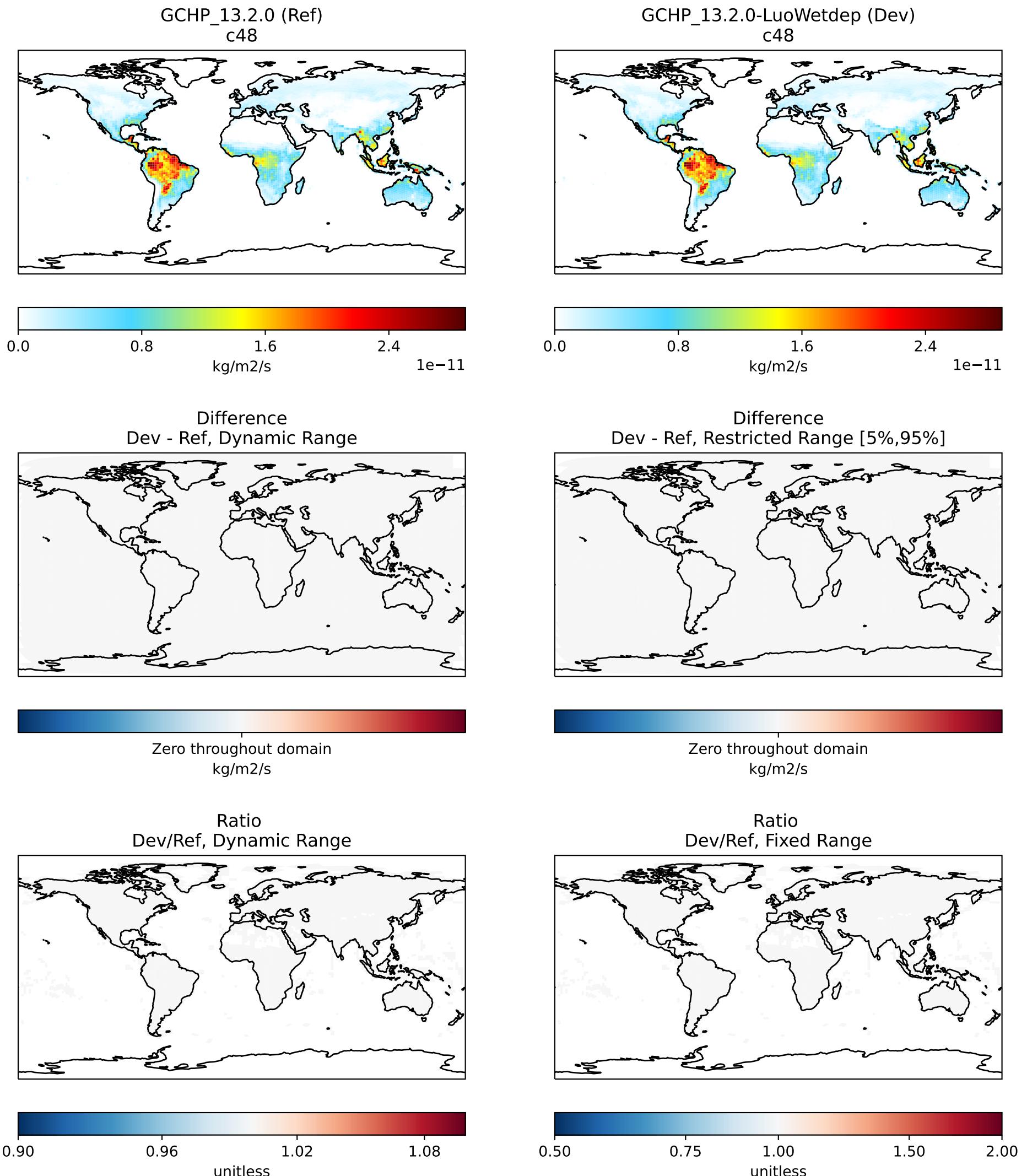
EmisALD2_Anthro (AnnualMean)



EmisALD2_BioBurn (AnnualMean)

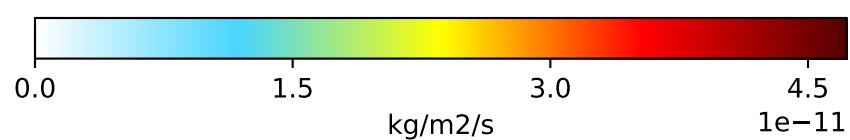
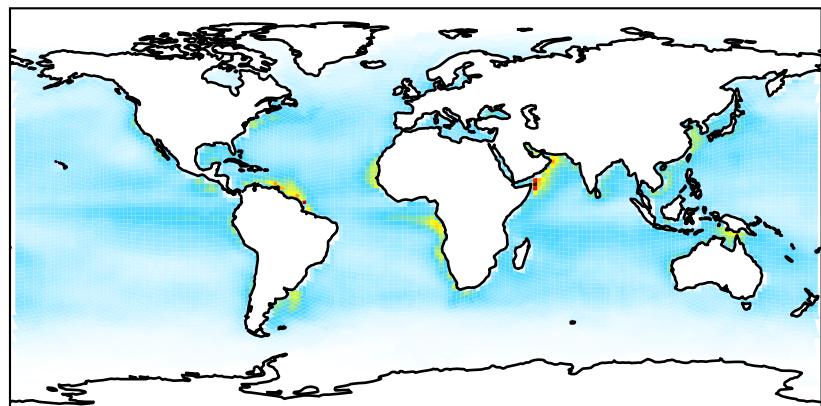


EmisALD2_Biogenic (AnnualMean)

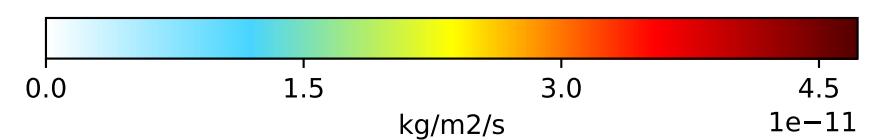
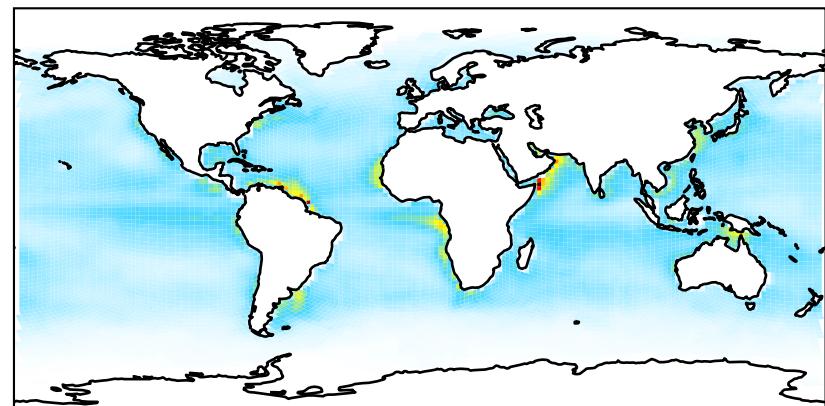


EmisALD2_Ocean (AnnualMean)

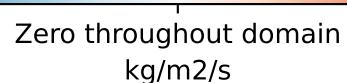
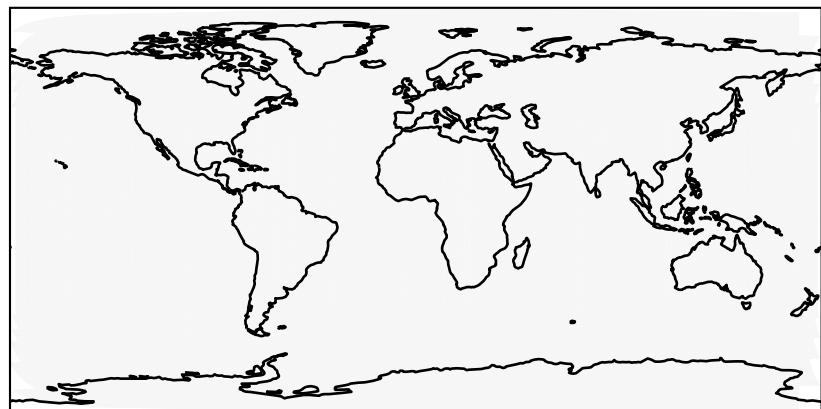
GCHP_13.2.0 (Ref)
c48



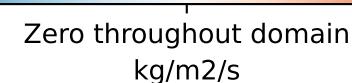
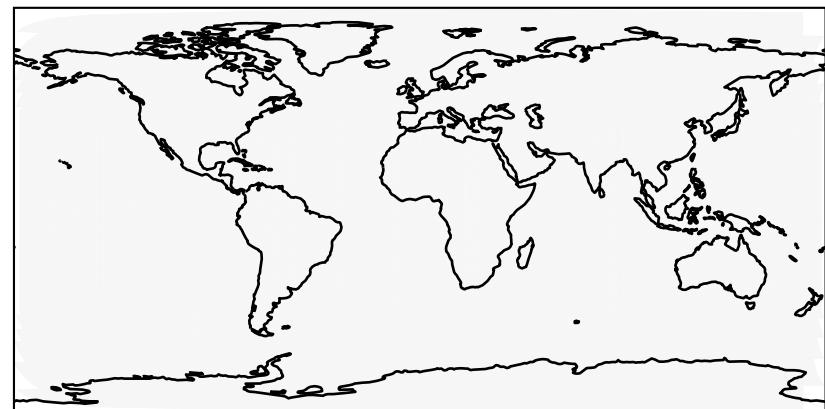
GCHP_13.2.0-LuoWetdep (Dev)
c48



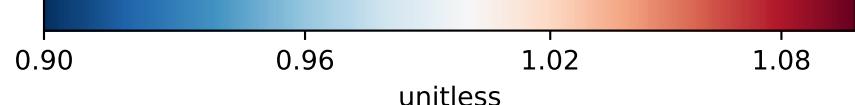
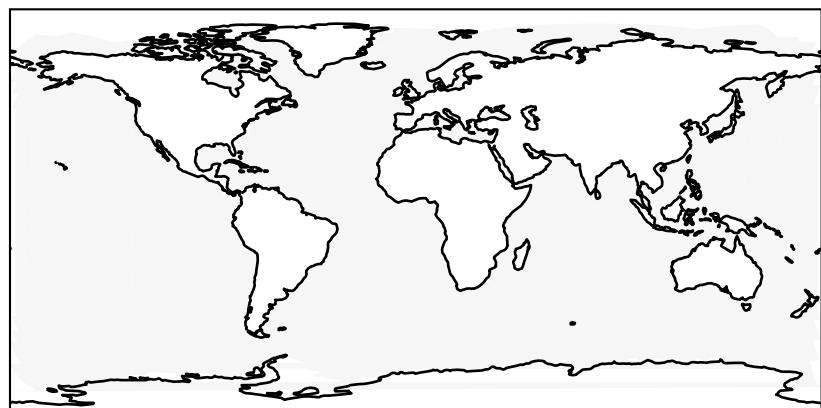
Difference
Dev - Ref, Dynamic Range



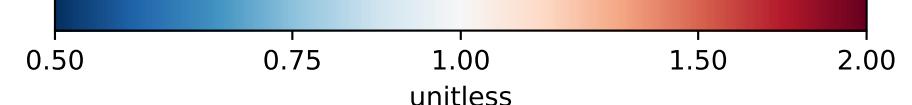
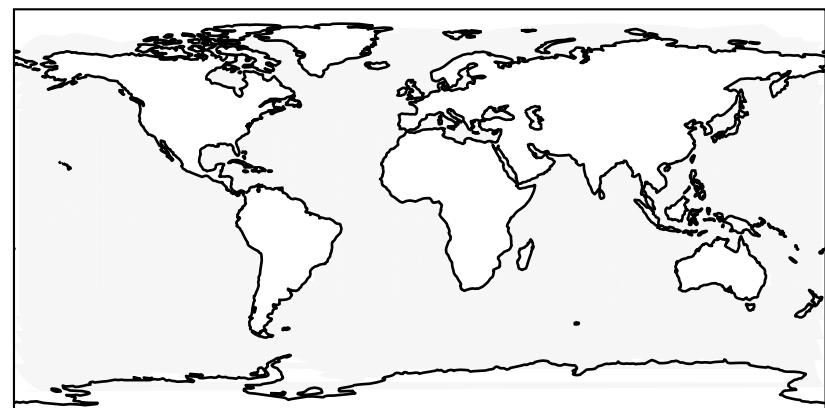
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

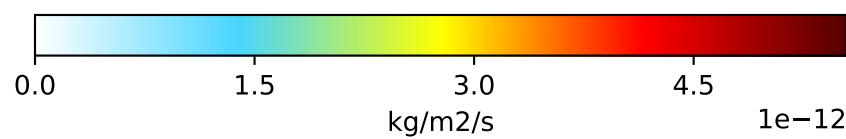
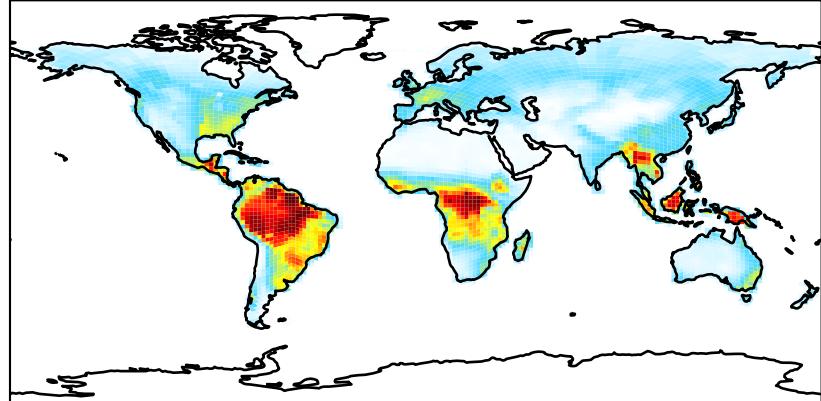


Ratio
Dev/Ref, Fixed Range

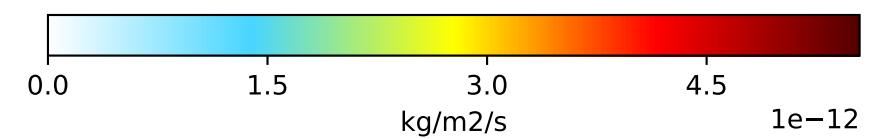
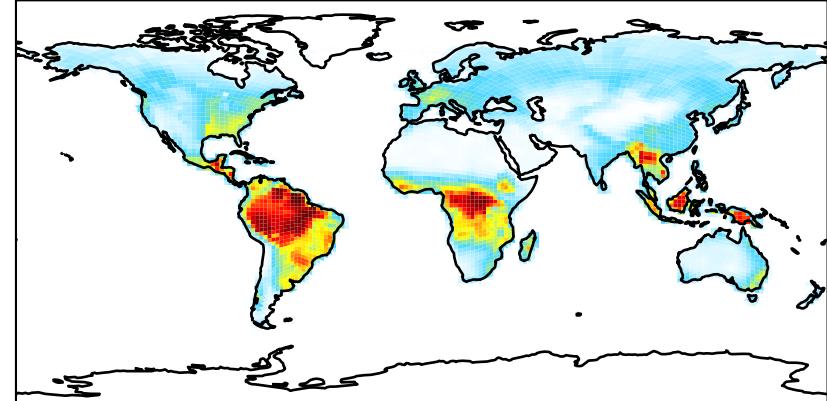


EmisALD2_PlantDecay (AnnualMean)

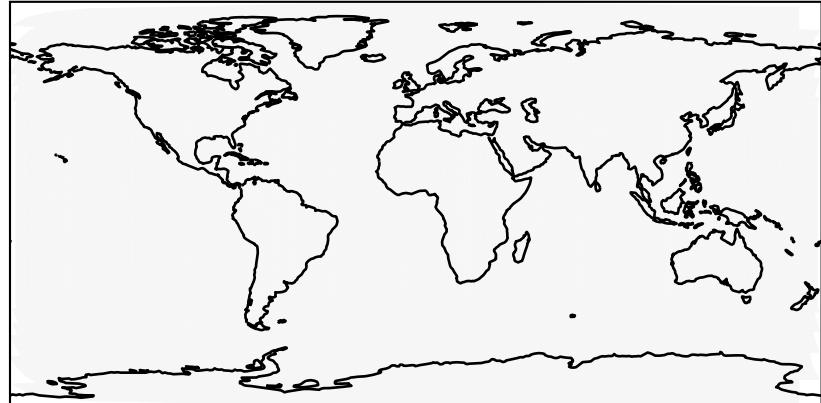
GCHP_13.2.0 (Ref)
c48



GCHP_13.2.0-LuoWetdep (Dev)
c48

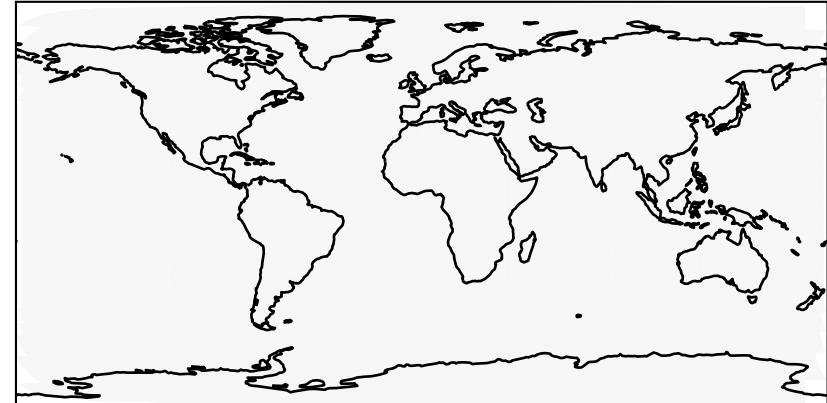


Difference
Dev - Ref, Dynamic Range



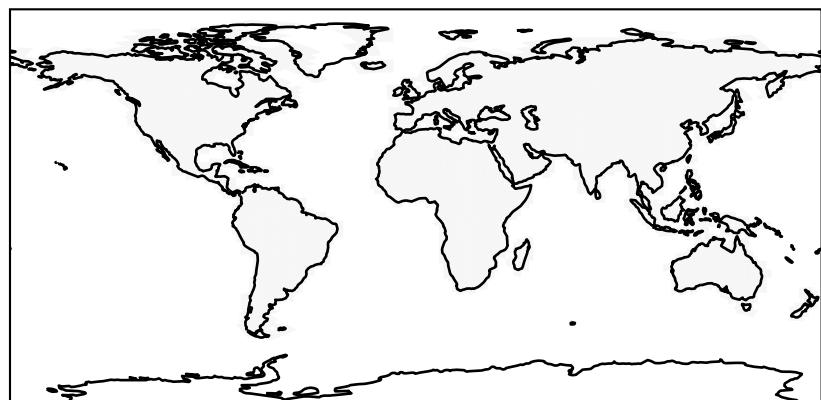
Zero throughout domain
kg/m²/s

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



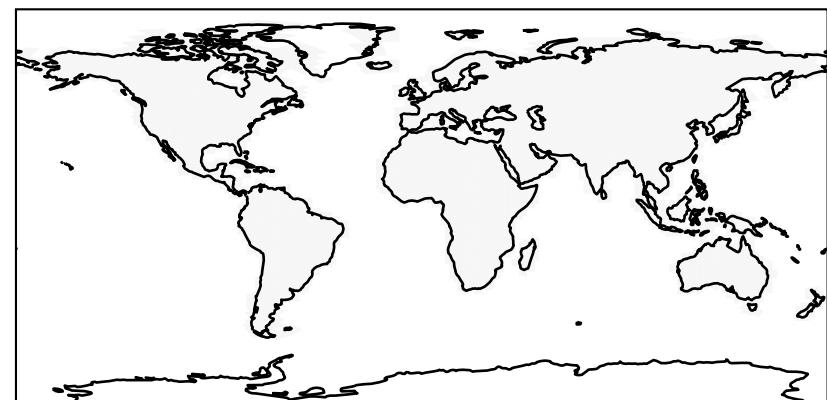
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



0.90 0.96 1.02 1.08
unitless

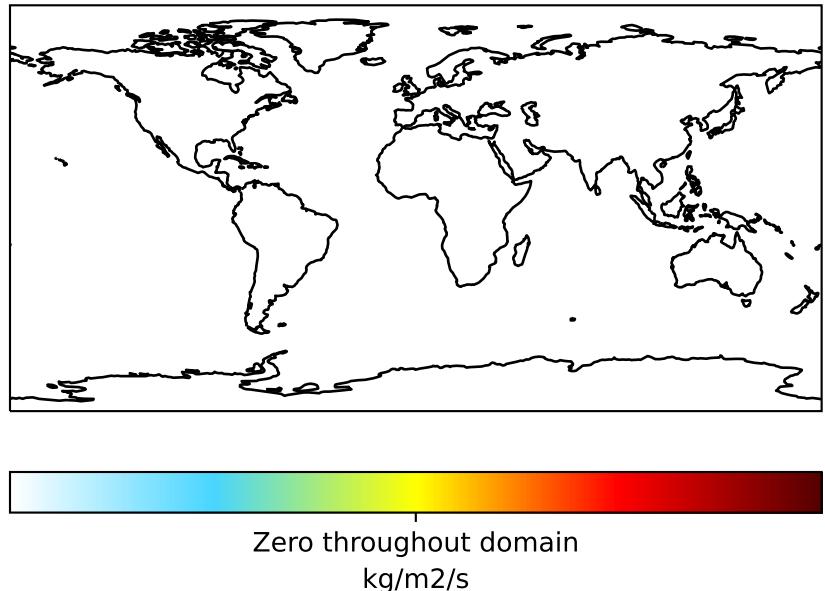
Ratio
Dev/Ref, Fixed Range



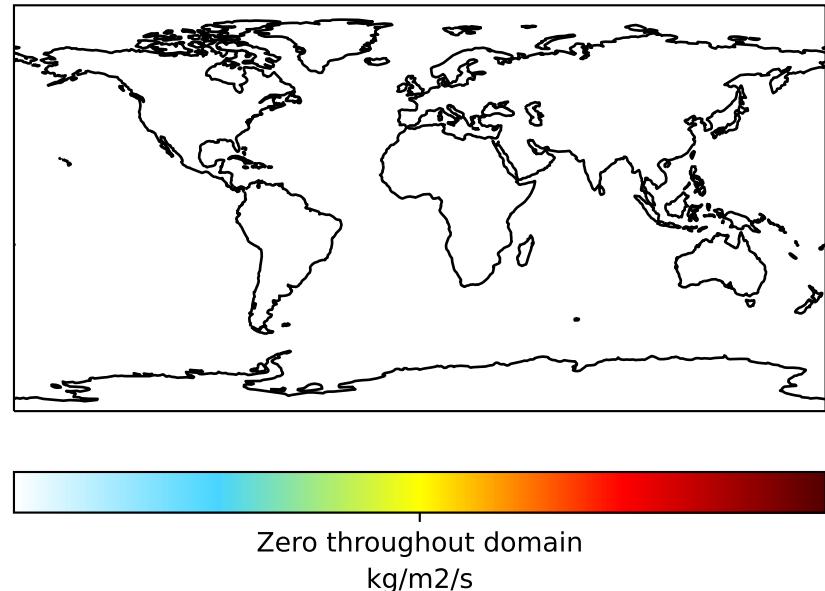
0.50 0.75 1.00 1.50 2.00
unitless

EmisALD2_Ship (AnnualMean)

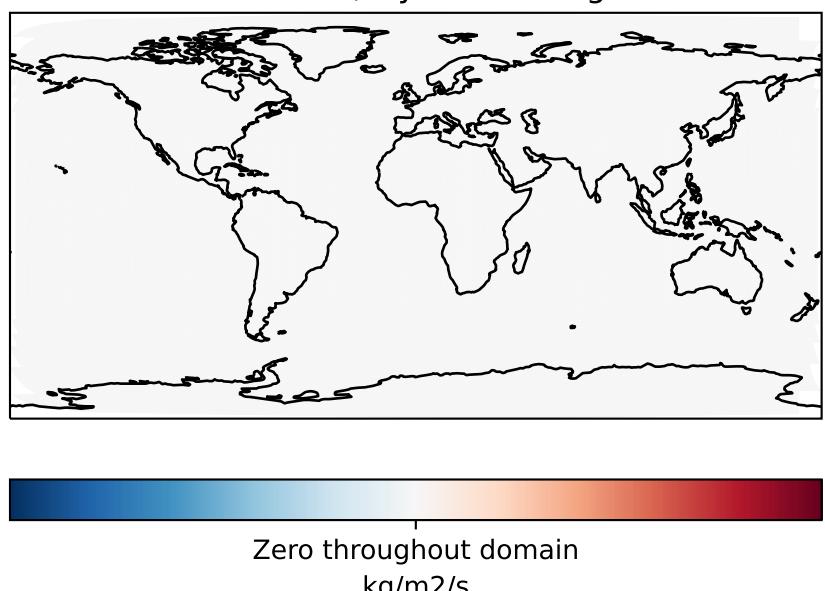
GCHP_13.2.0 (Ref)
c48



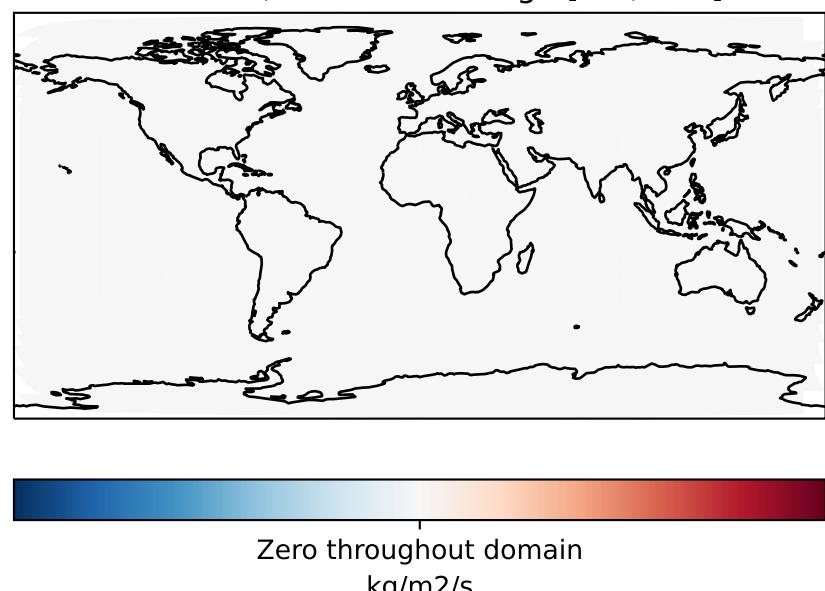
GCHP_13.2.0-LuoWetdep (Dev)
c48



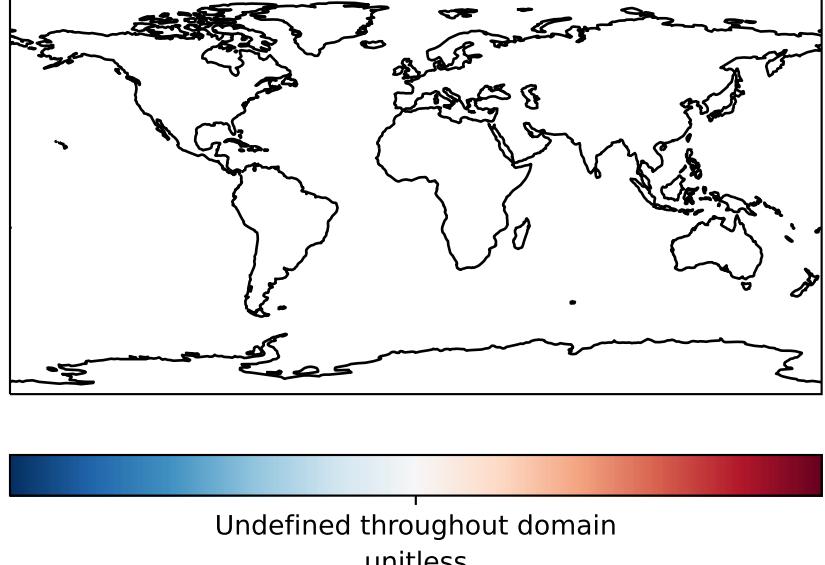
Difference
Dev - Ref, Dynamic Range



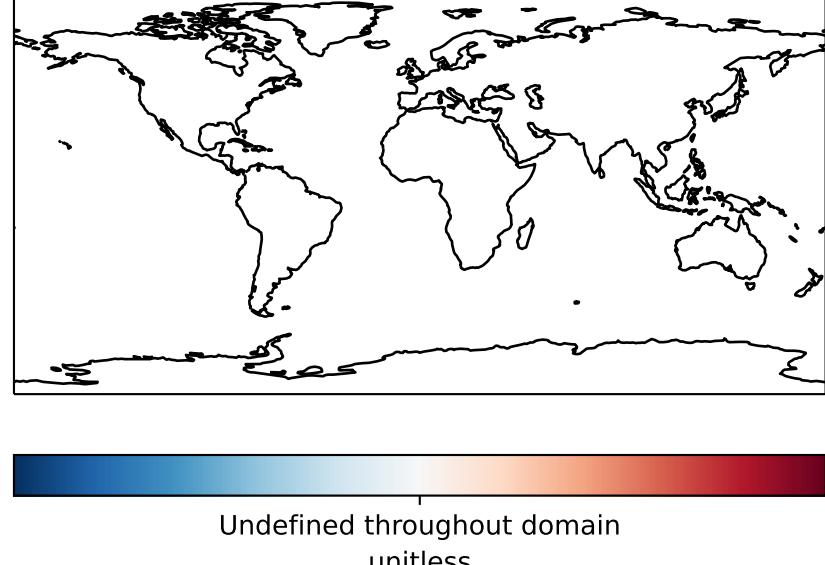
Difference
Dev - Ref, Restricted Range [5%,95%]



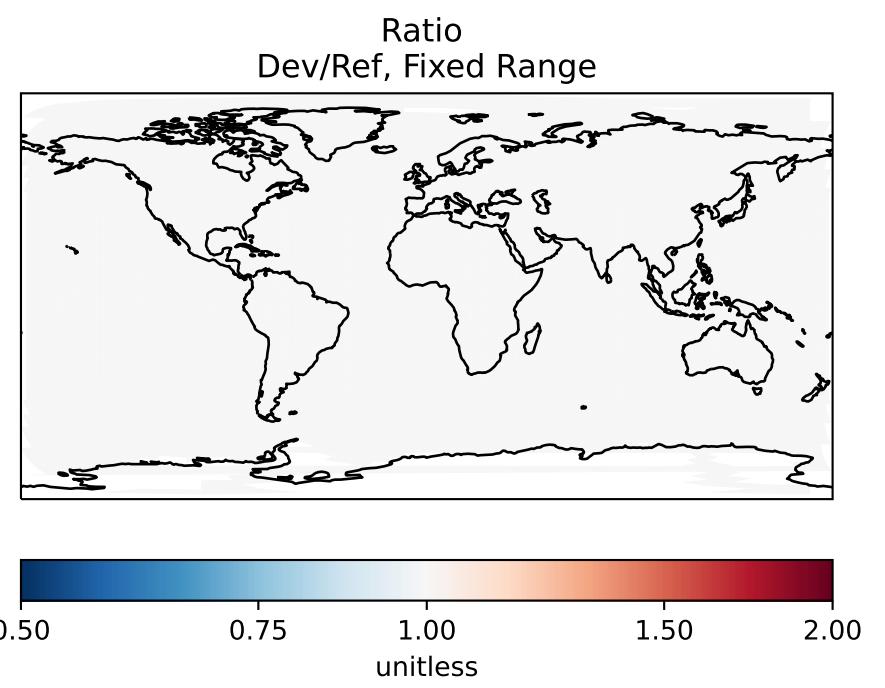
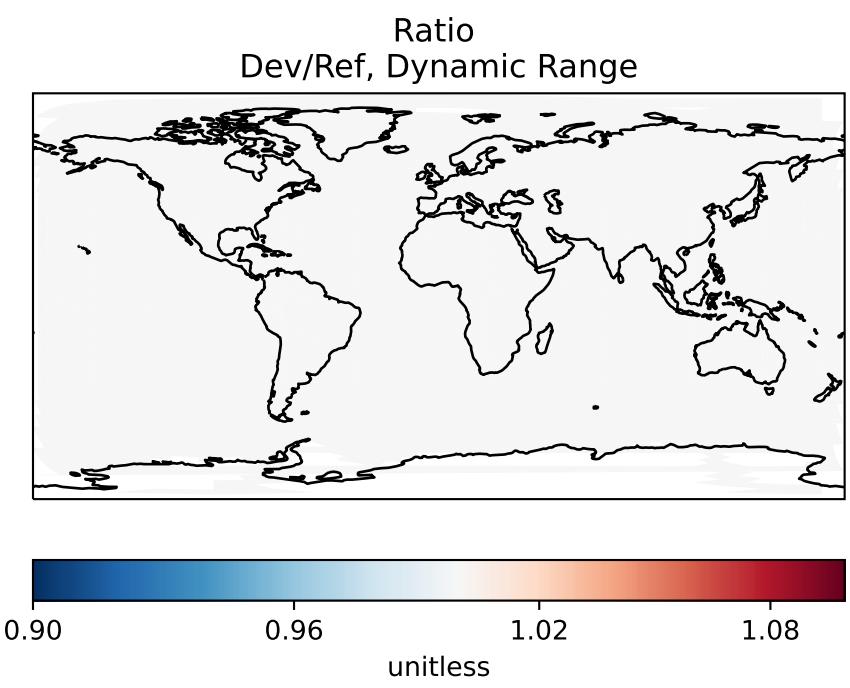
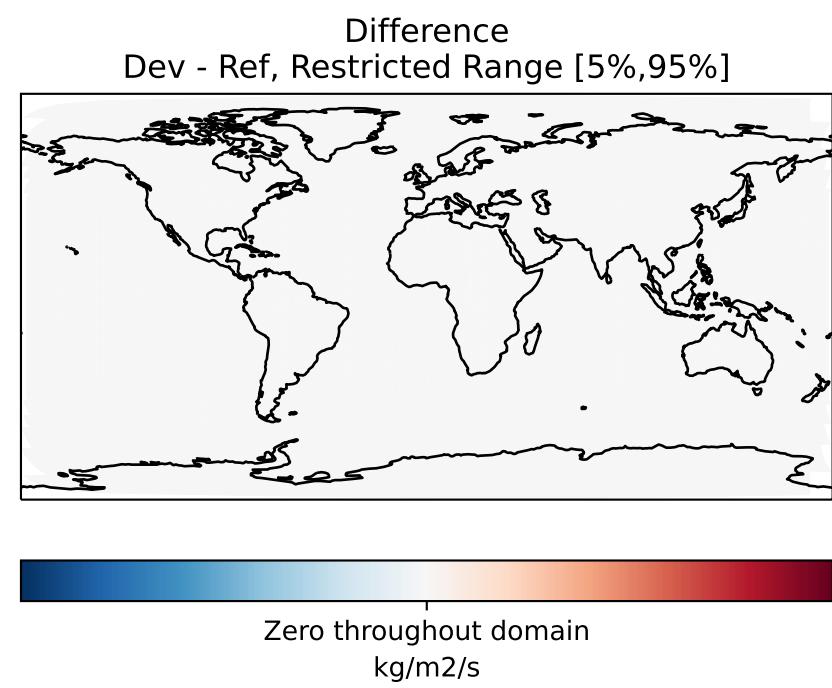
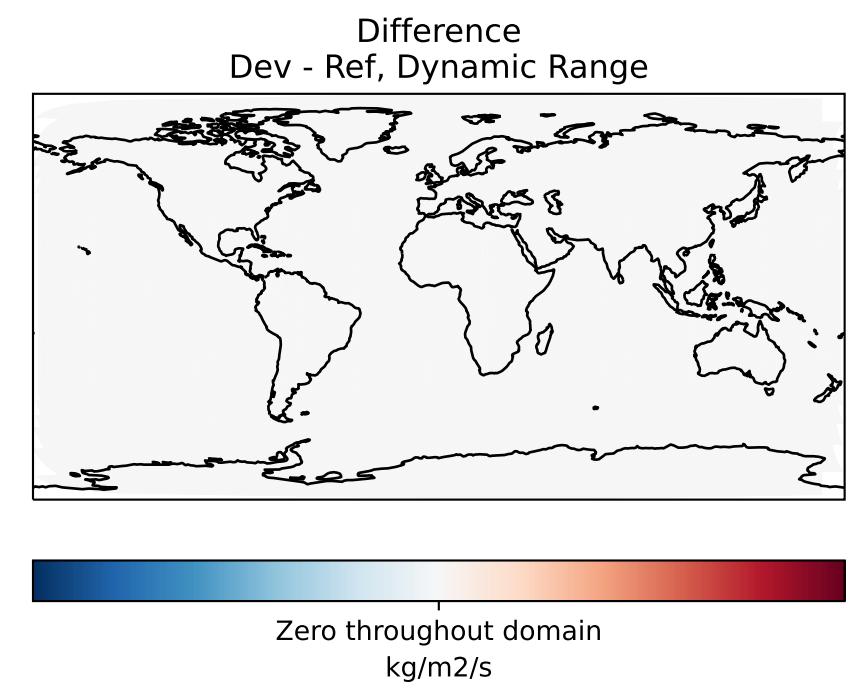
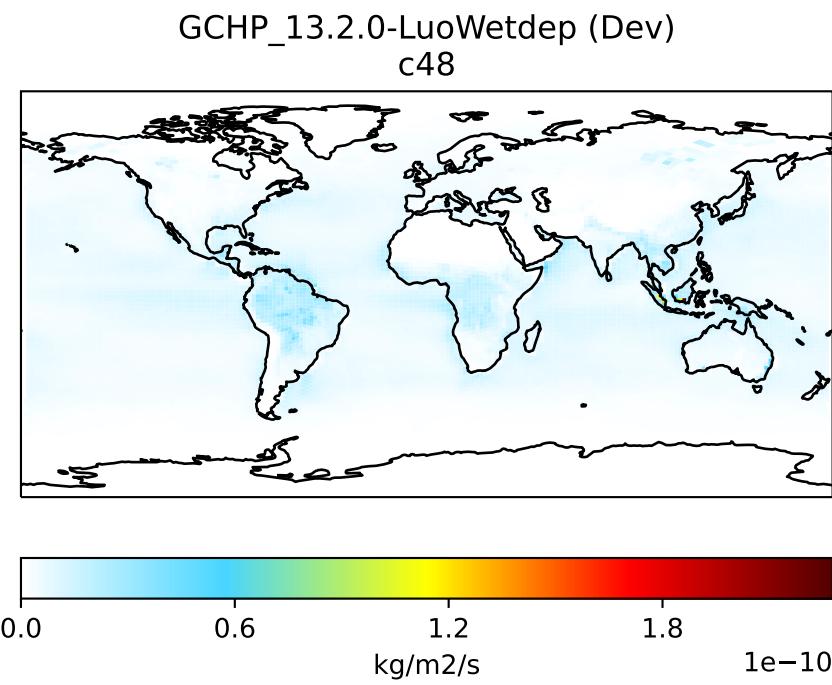
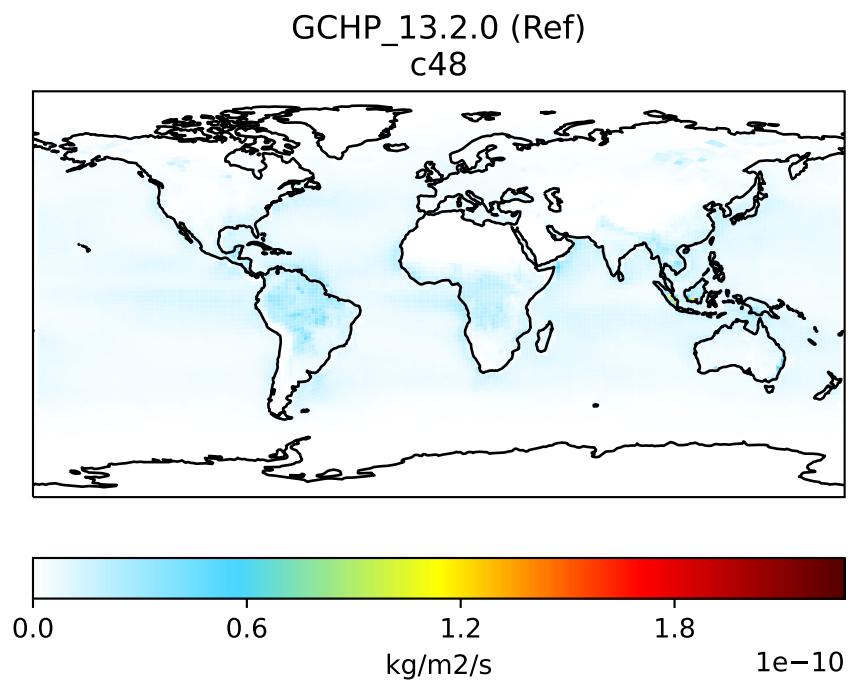
Ratio
Dev/Ref, Dynamic Range



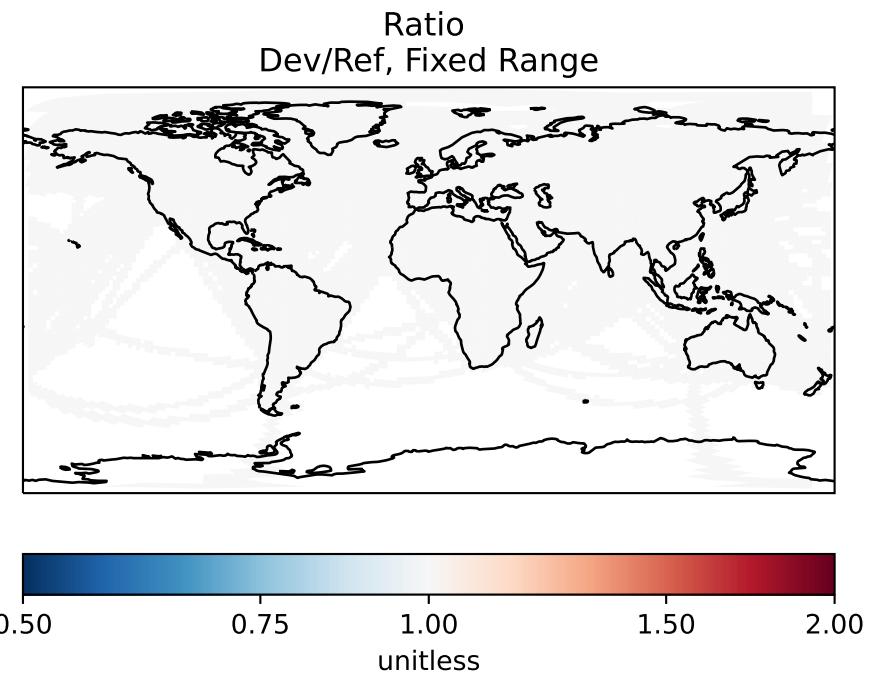
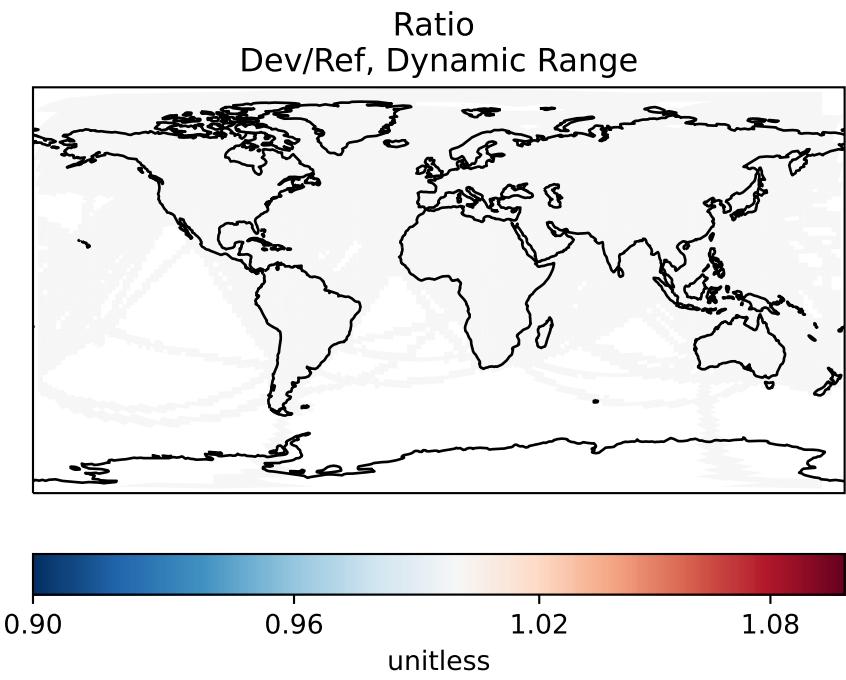
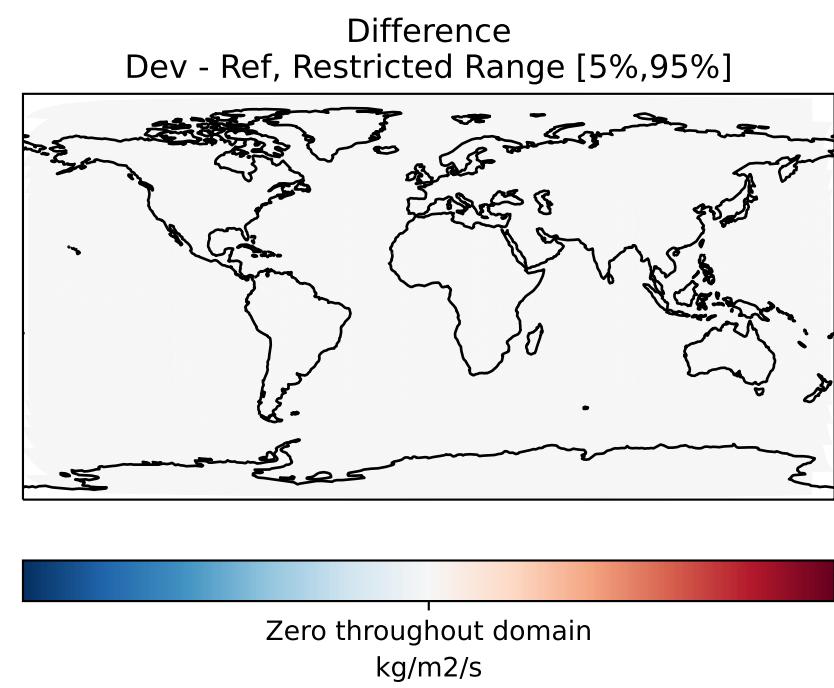
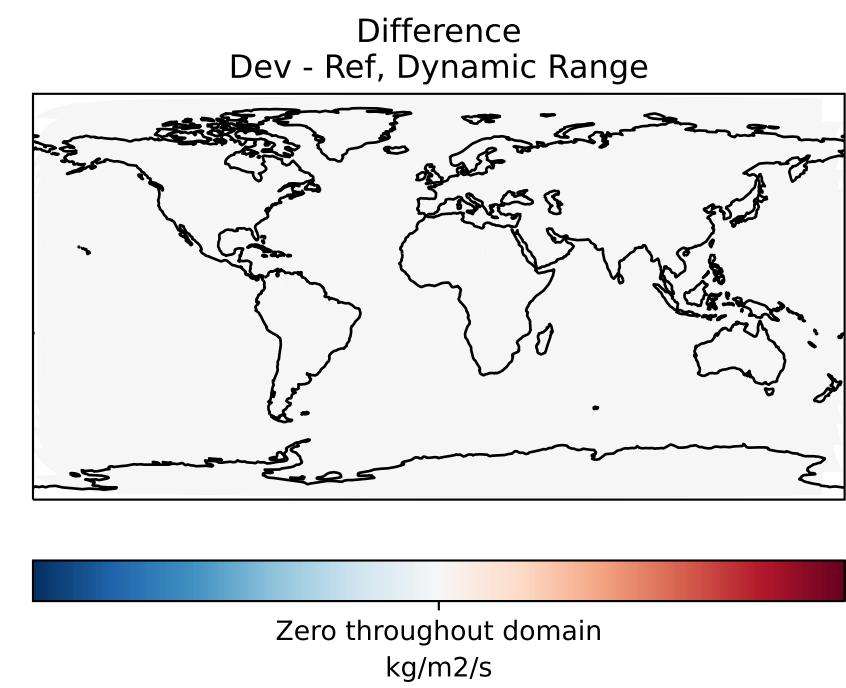
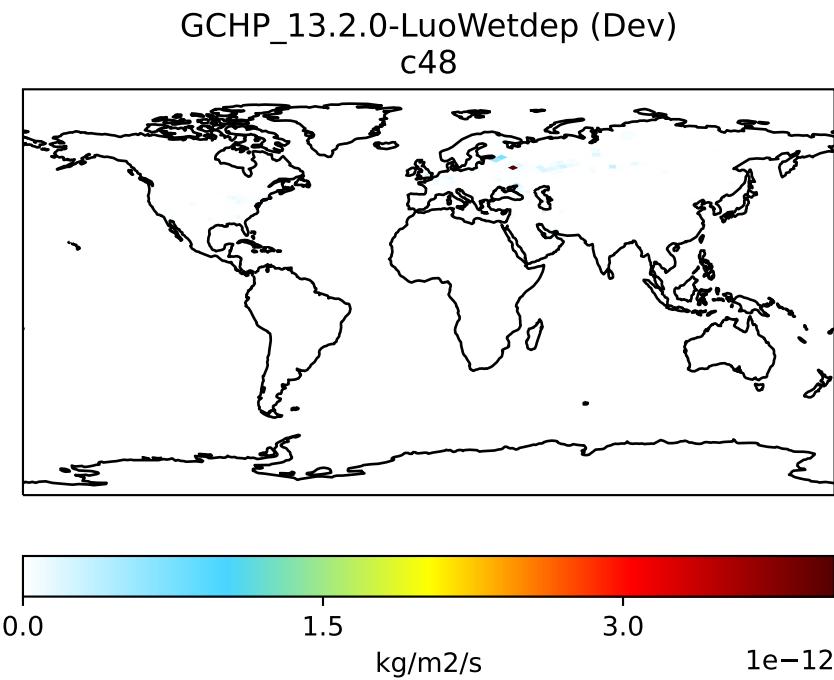
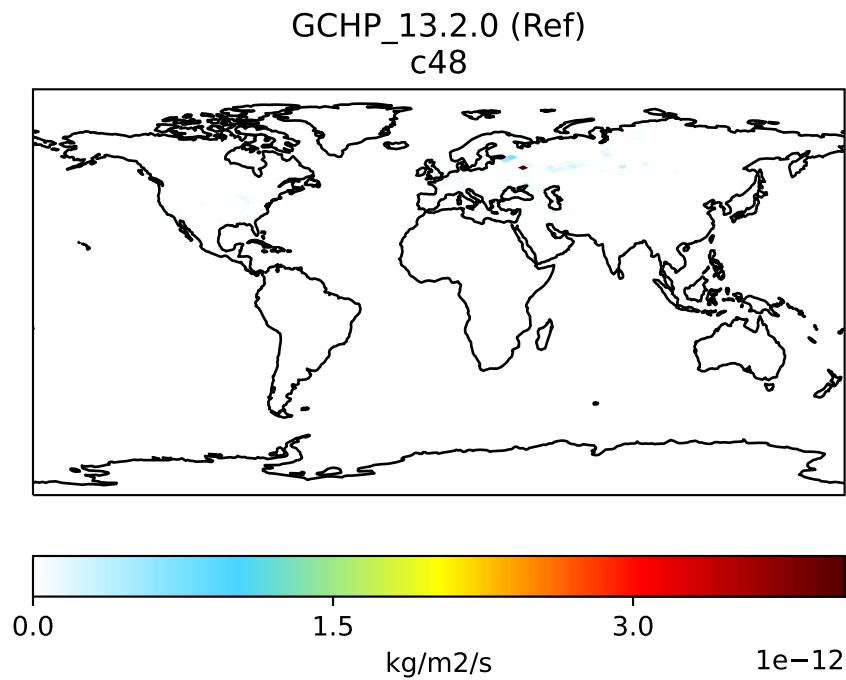
Ratio
Dev/Ref, Fixed Range



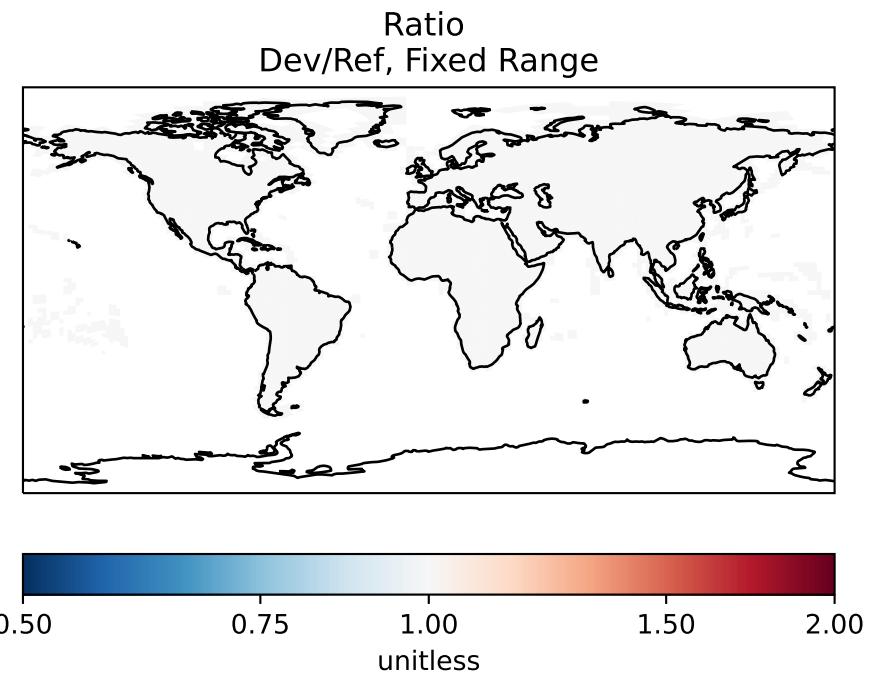
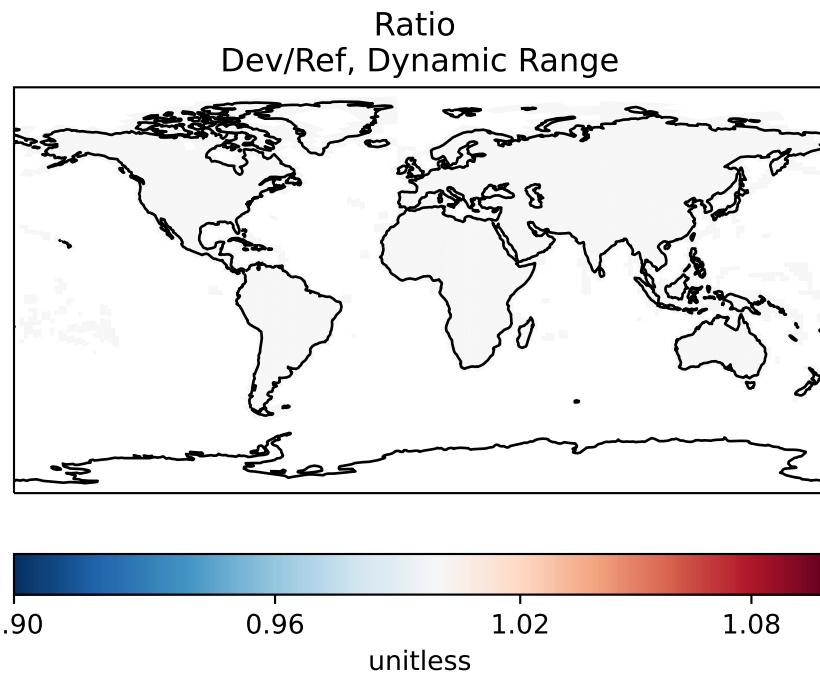
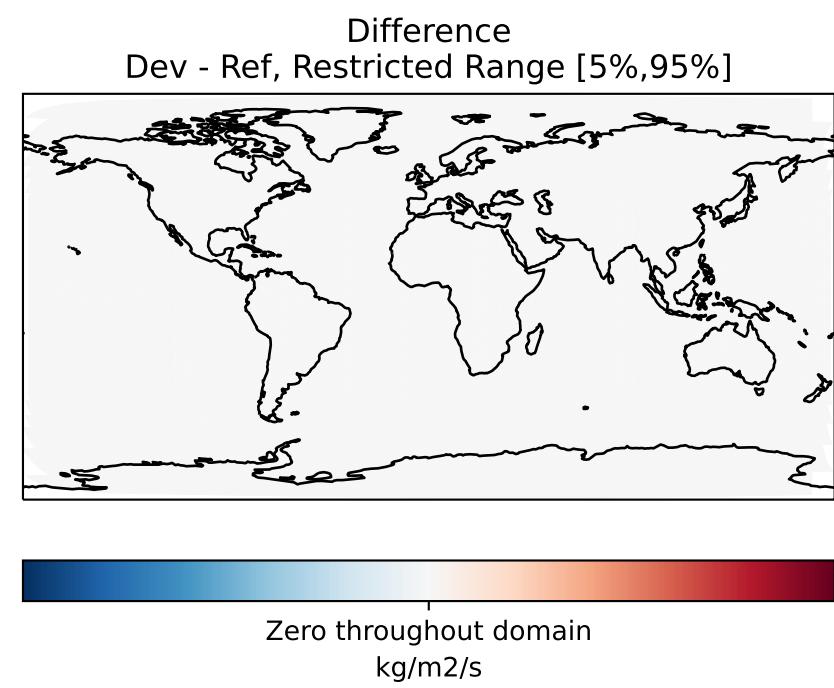
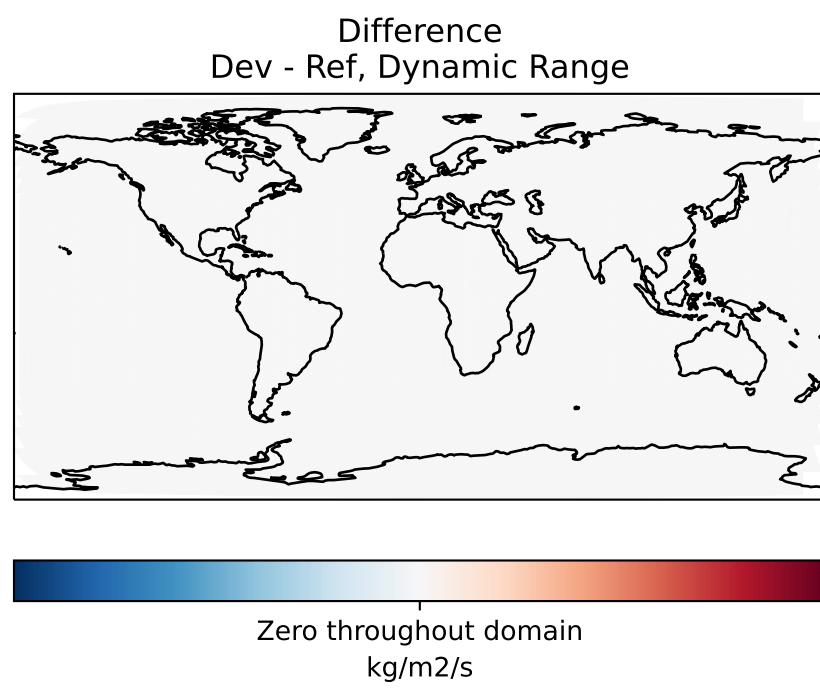
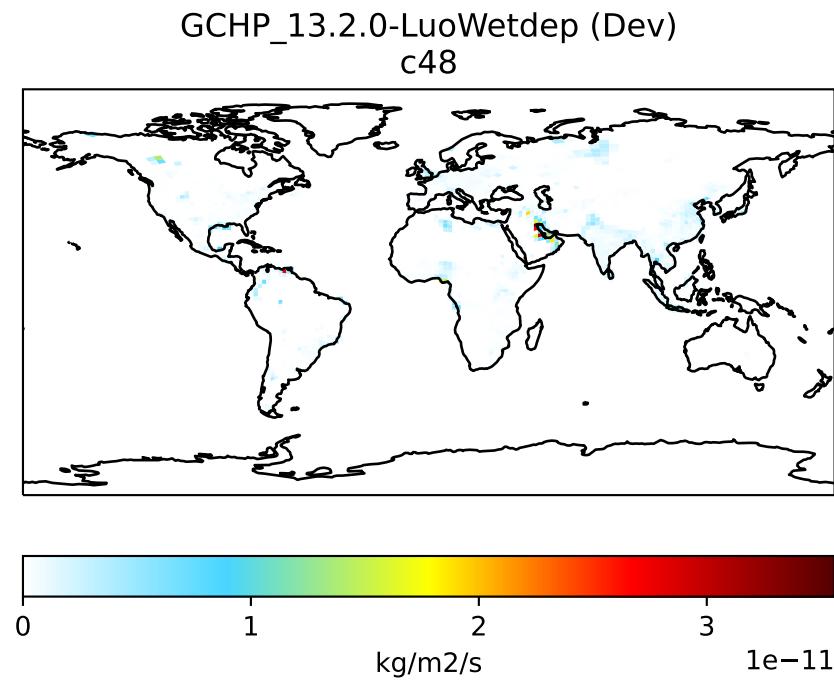
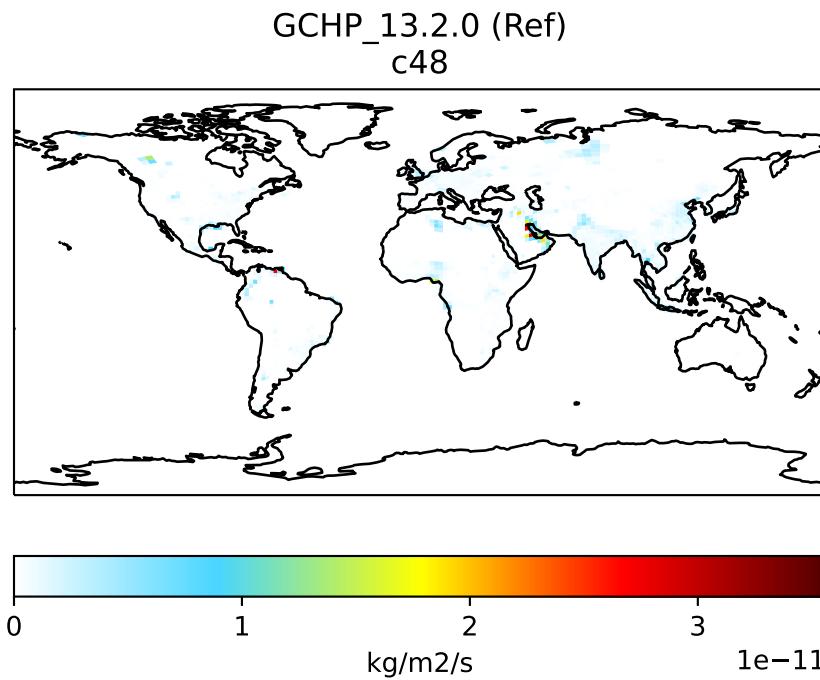
EmisALD2_Total (AnnualMean)



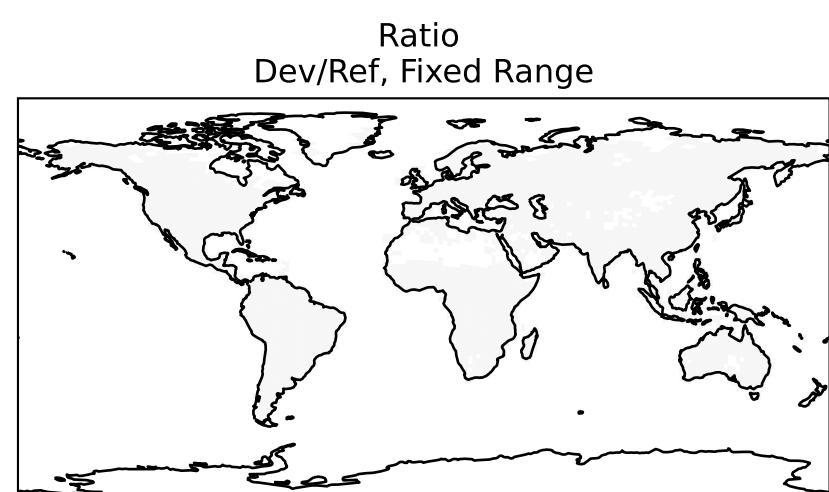
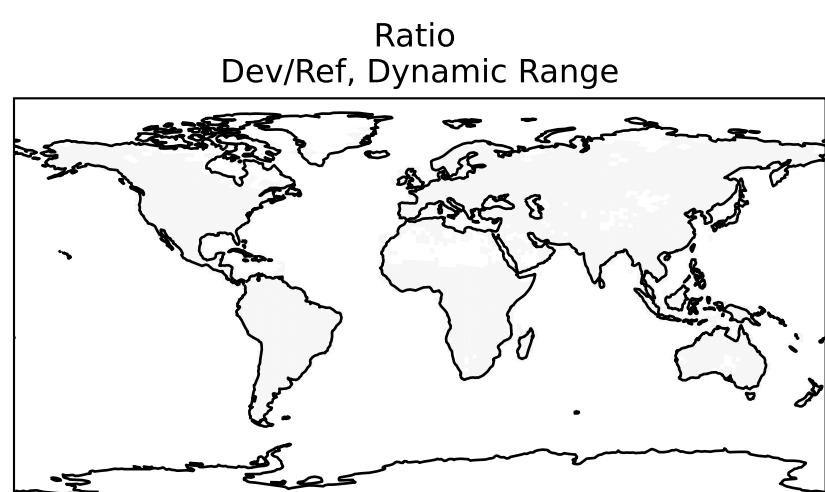
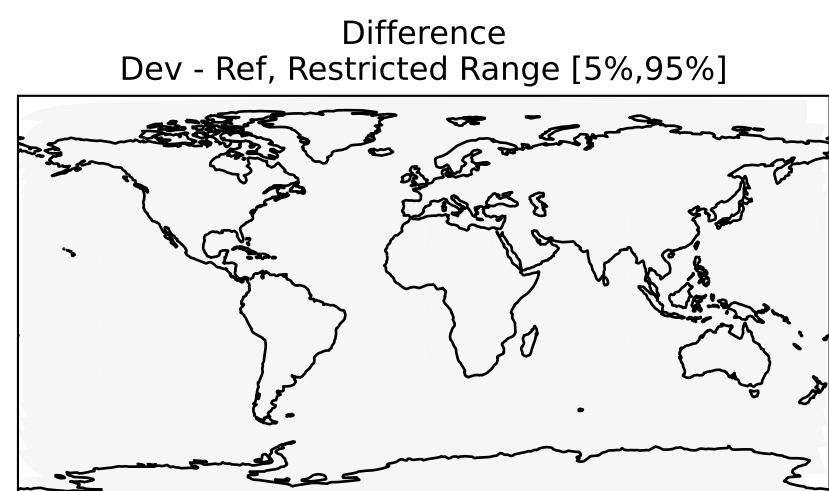
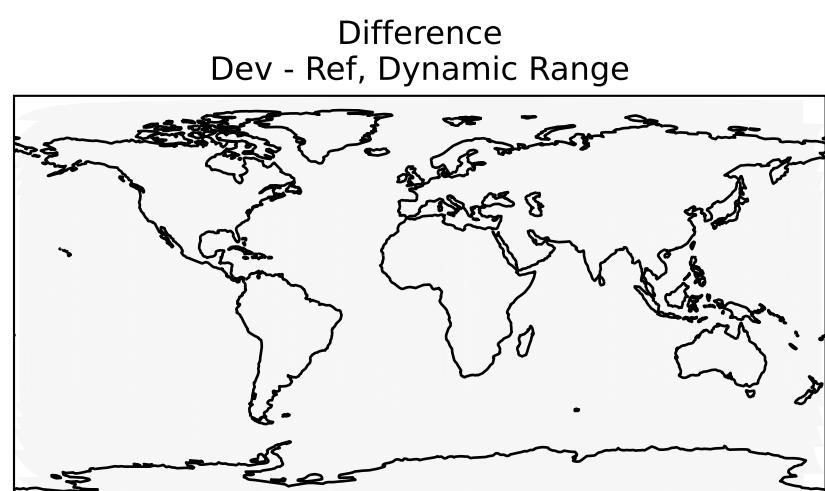
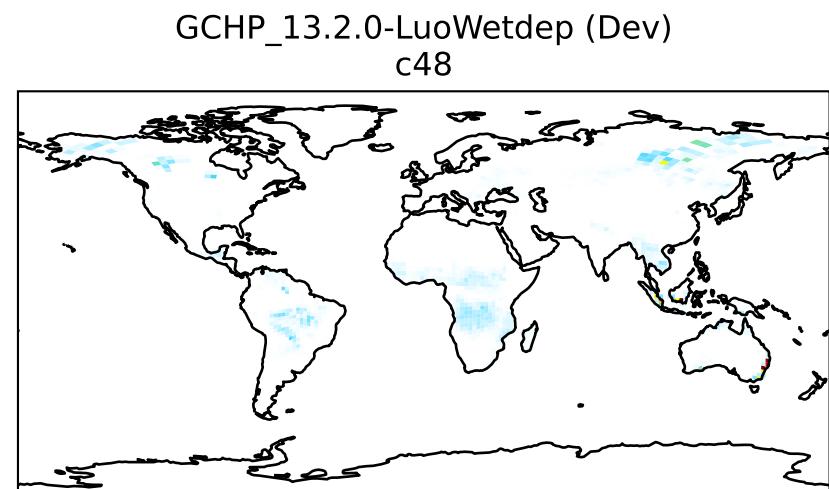
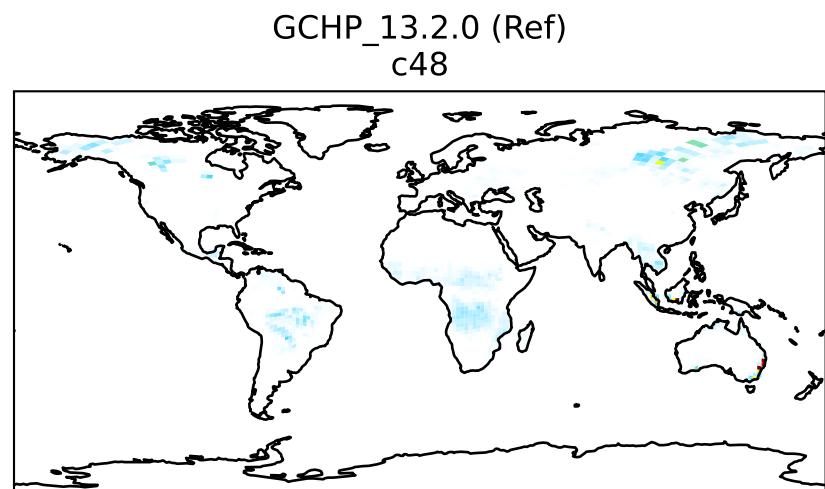
EmisCH2O_Aircraft (AnnualMean)



EmisCH2O_Anthro (AnnualMean)

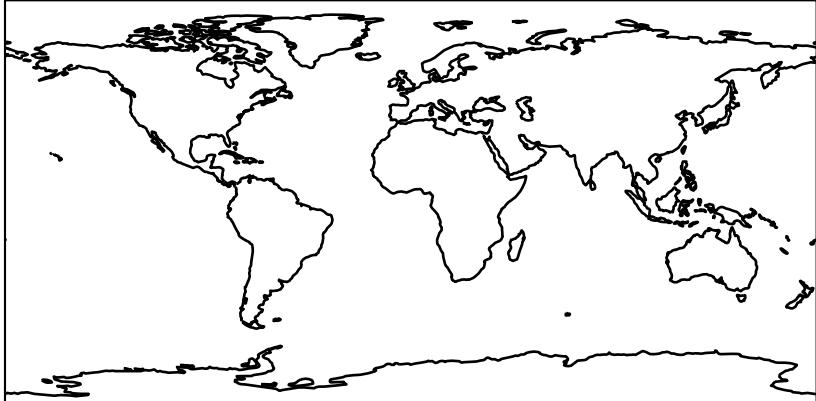


EmisCH2O_BioBurn (AnnualMean)



EmisCH2O_Ship (AnnualMean)

GCHP_13.2.0 (Ref)
c48



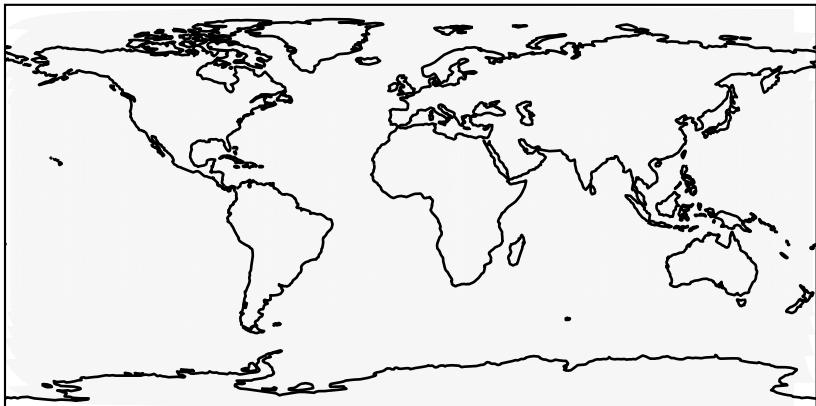
Zero throughout domain
kg/m²/s

GCHP_13.2.0-LuoWetdep (Dev)
c48



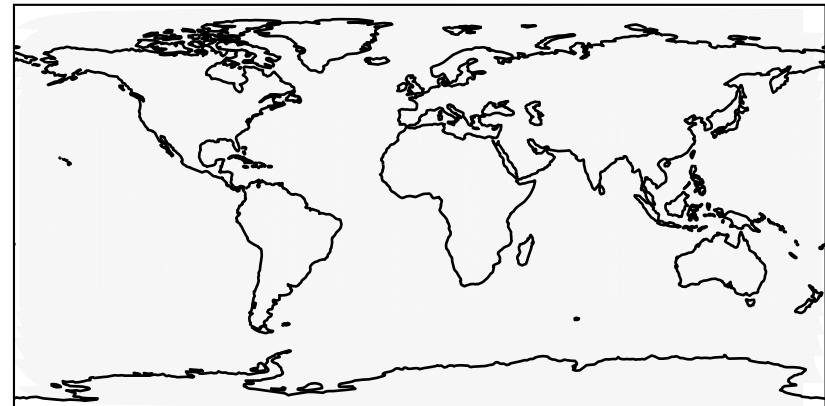
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



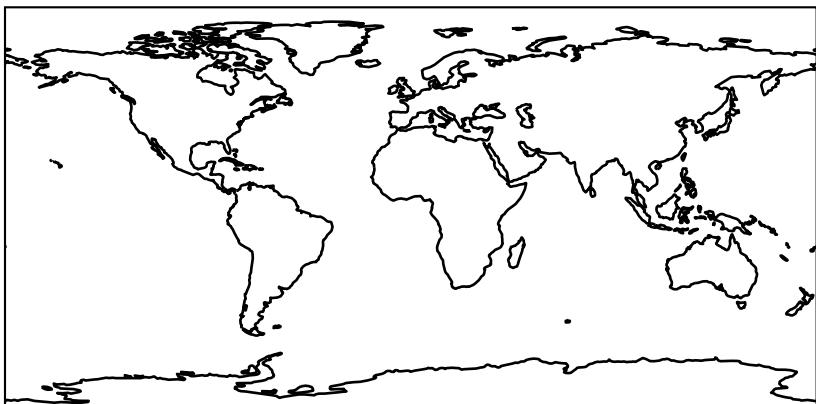
Zero throughout domain
kg/m²/s

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



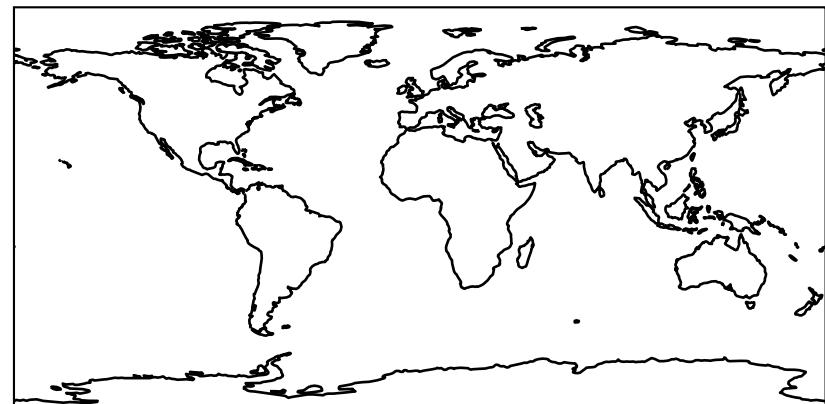
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



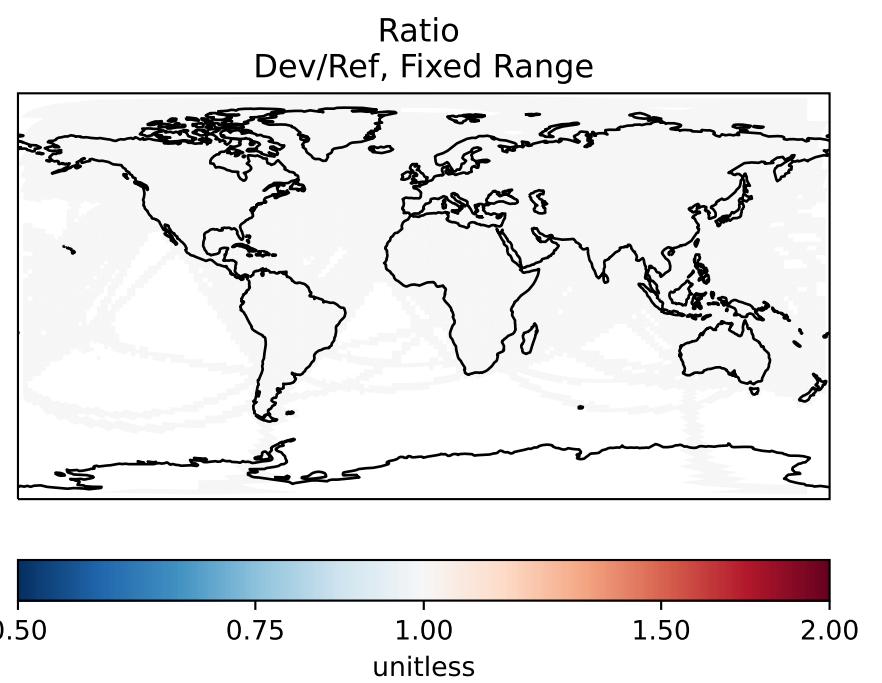
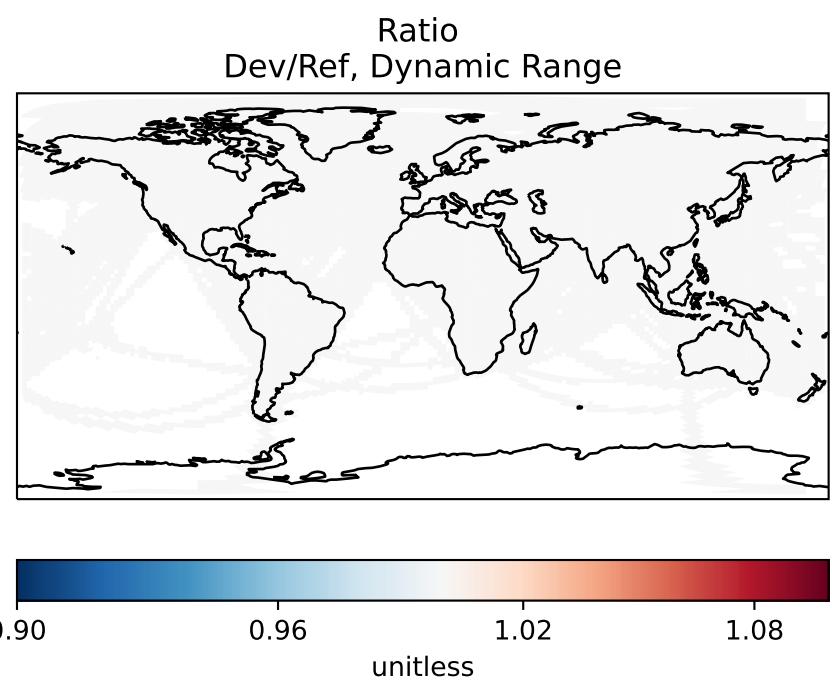
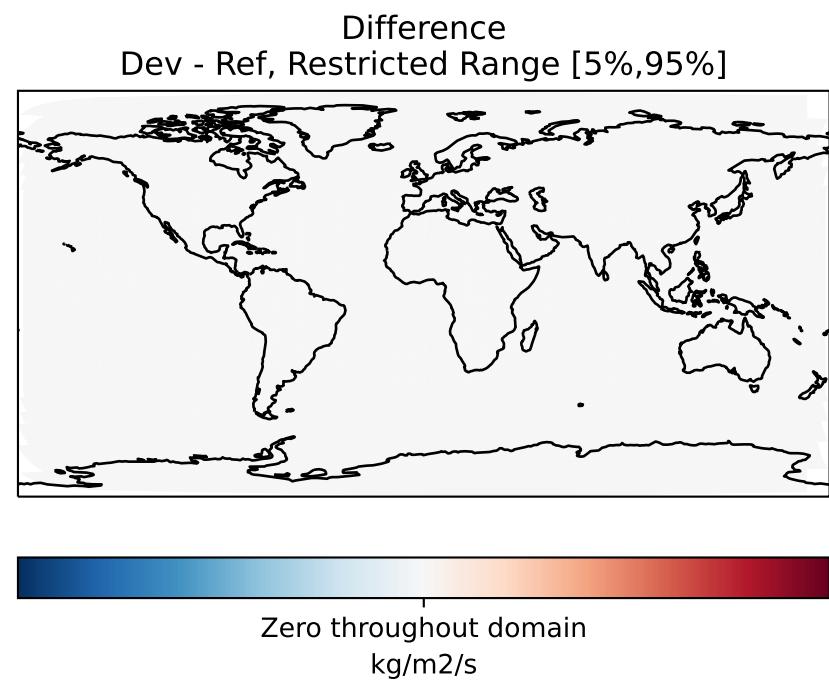
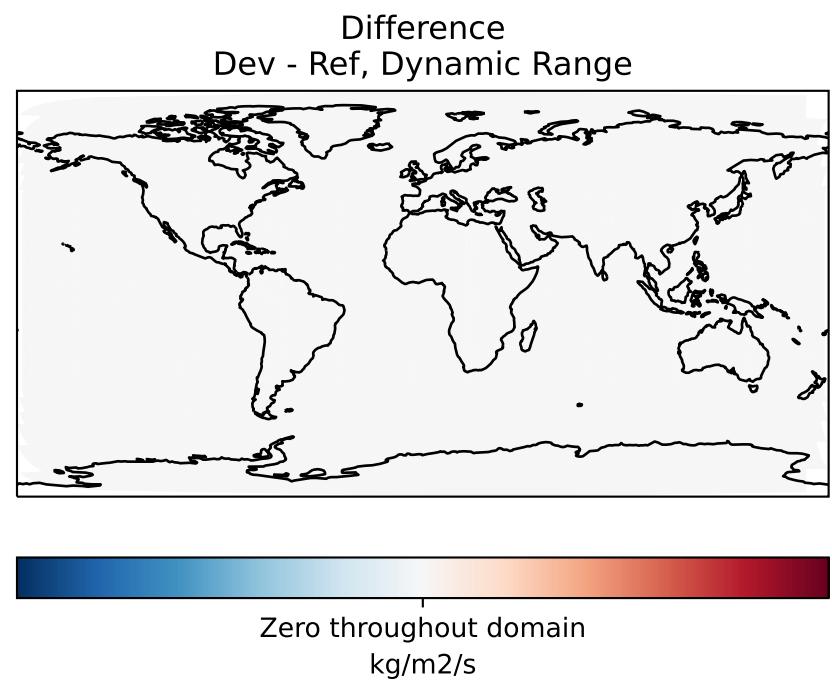
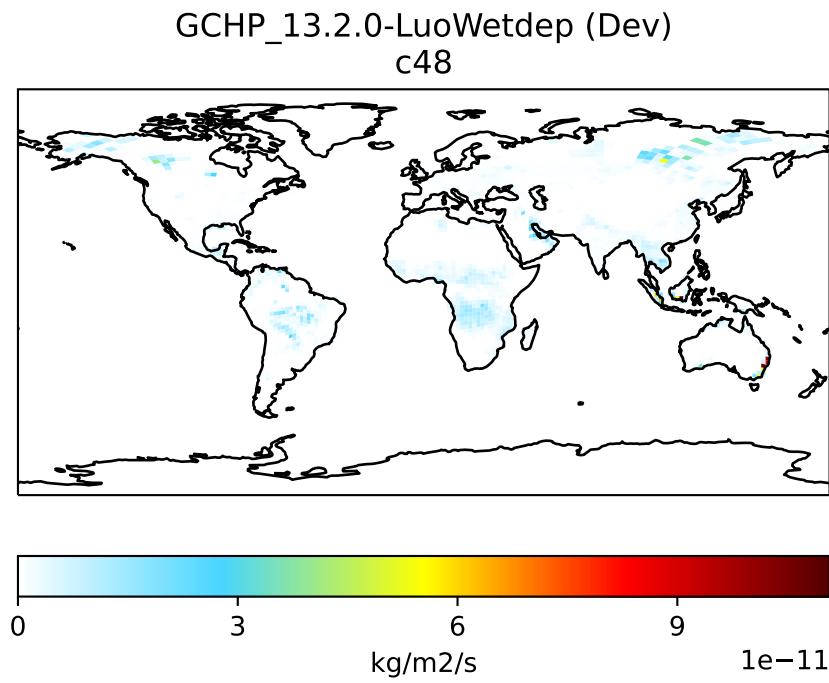
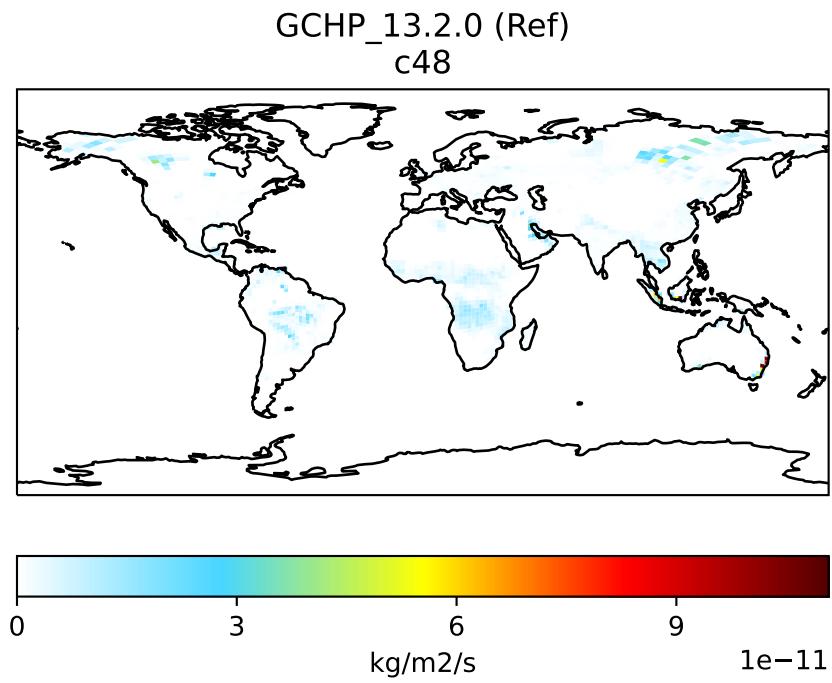
Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range

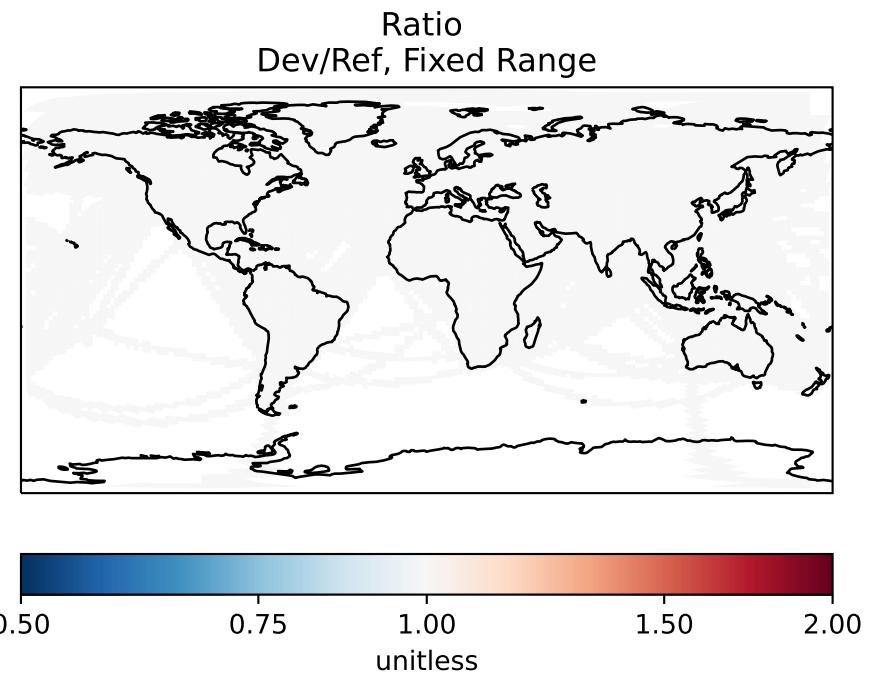
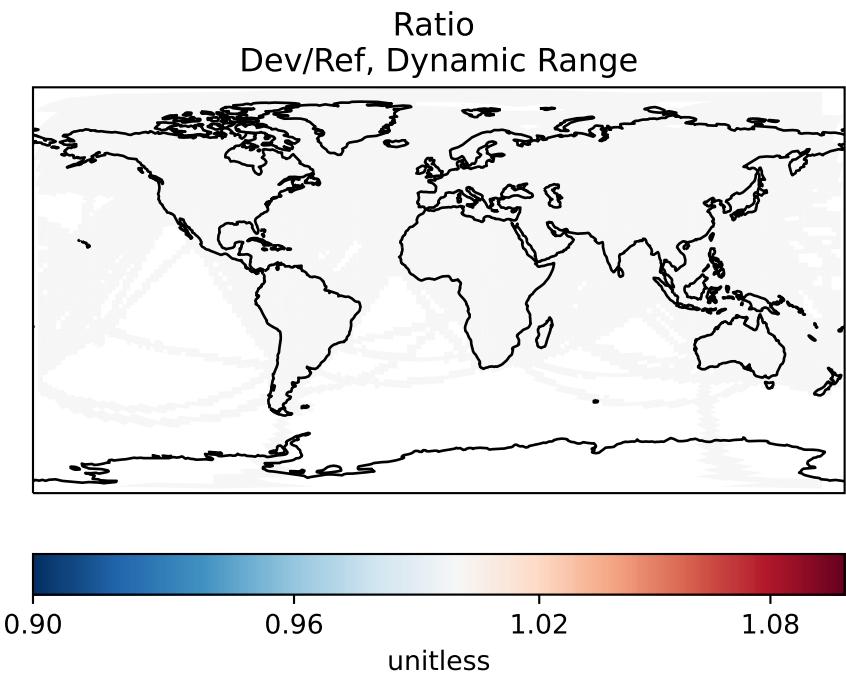
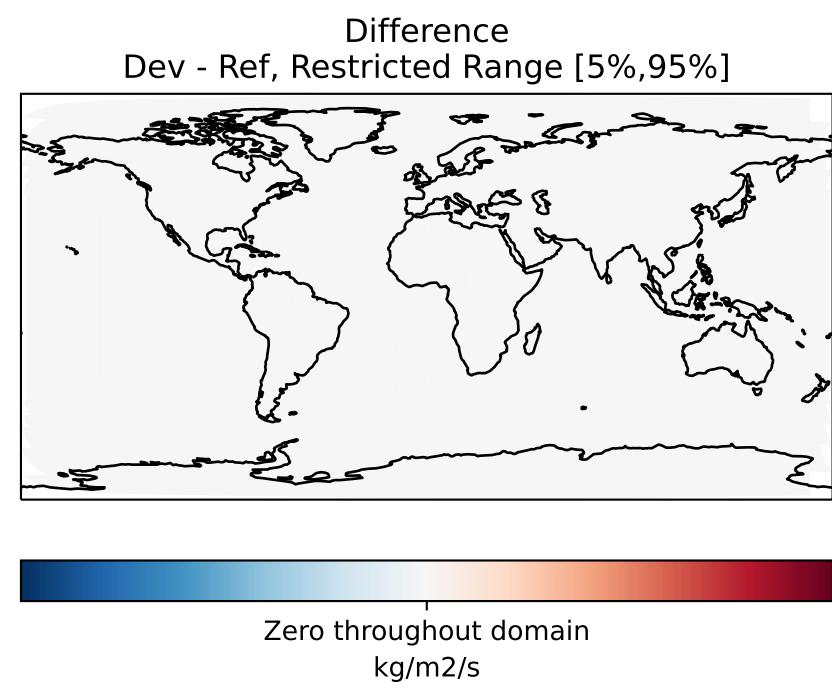
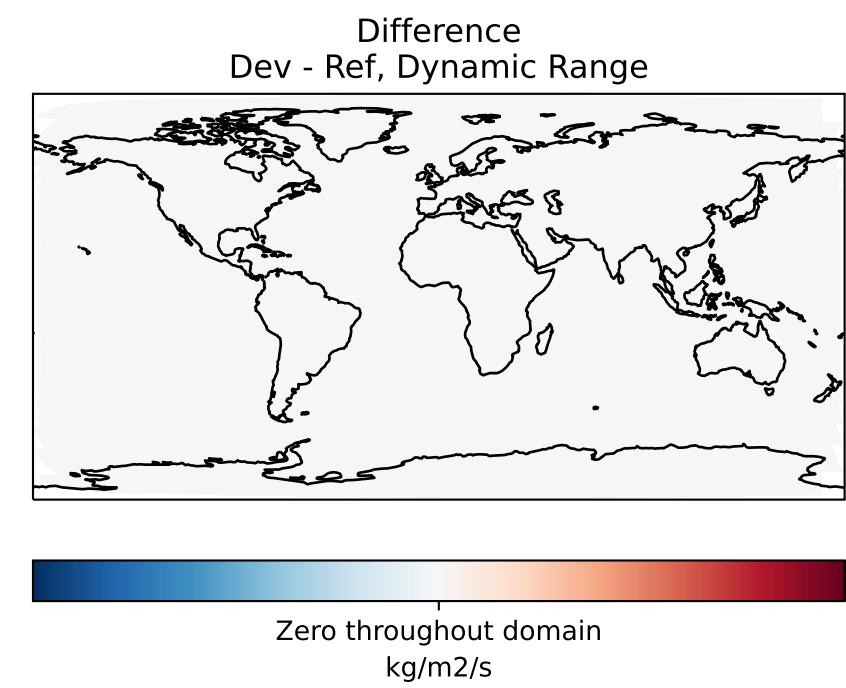
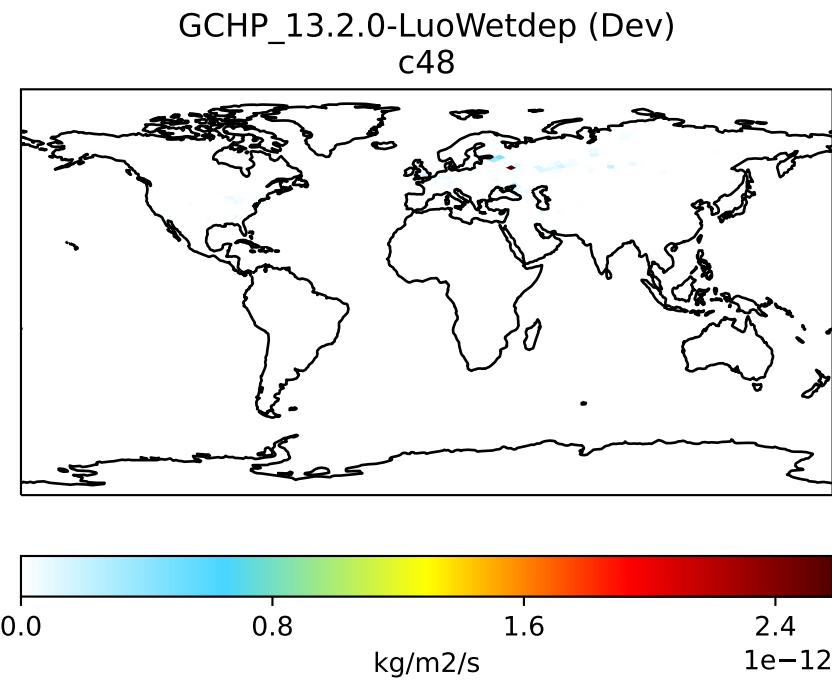
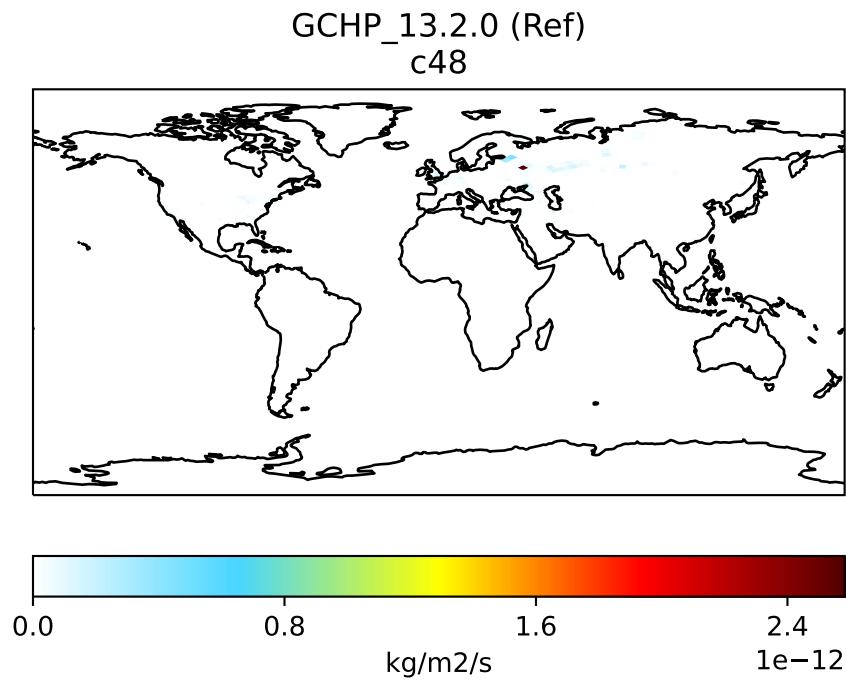


Undefined throughout domain
unitless

EmisCH2O_Total (AnnualMean)

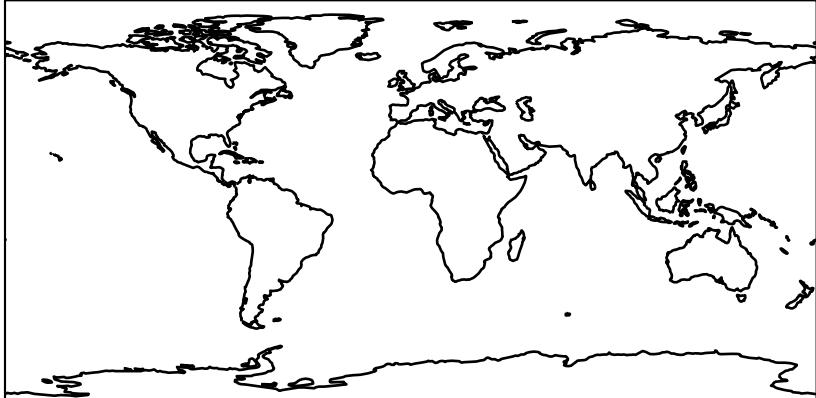


EmisMACR_Aircraft (AnnualMean)



EmisMACR_Anthro (AnnualMean)

GCHP_13.2.0 (Ref)
c48



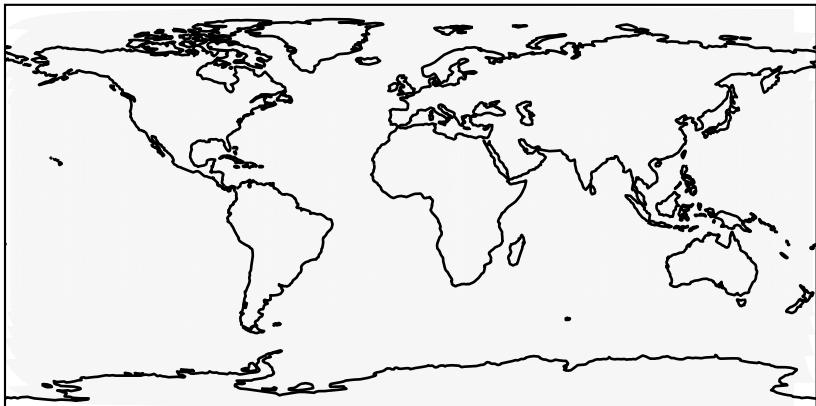
Zero throughout domain
kg/m²/s

GCHP_13.2.0-LuoWetdep (Dev)
c48



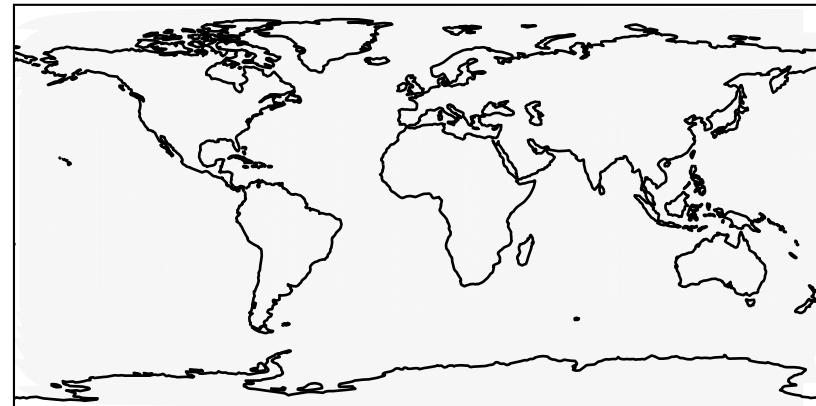
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



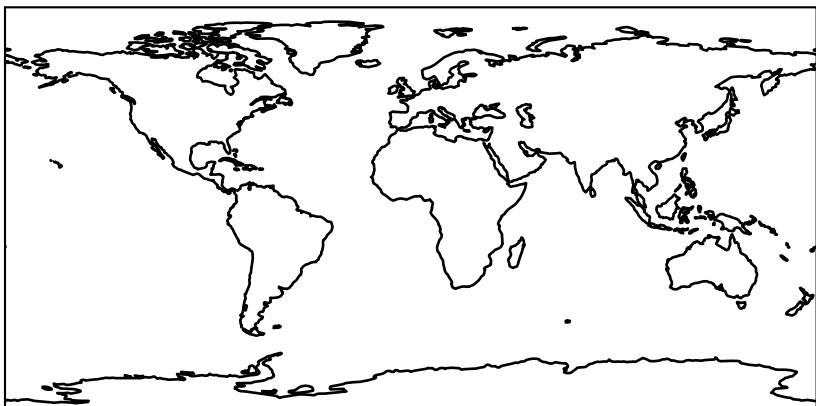
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kg/m²/s

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



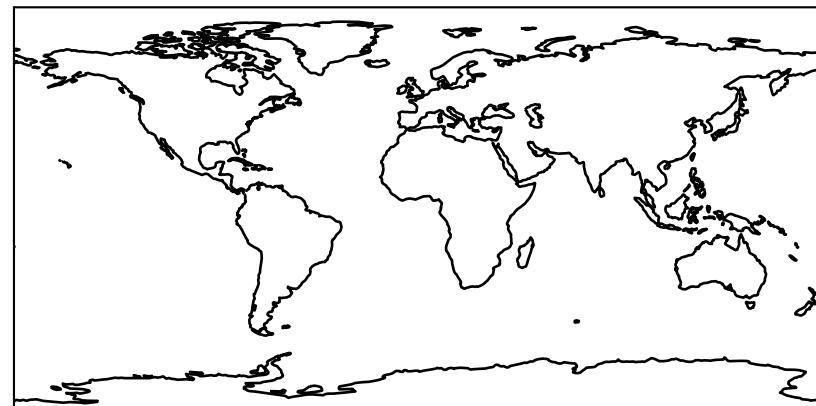
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kg/m²/s

Ratio
Dev/Ref, Dynamic Range



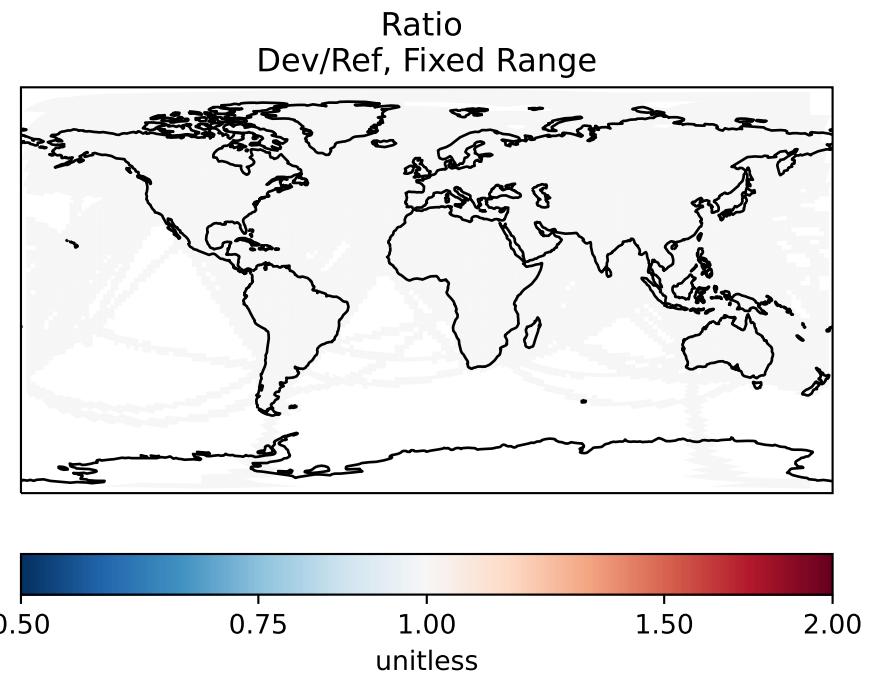
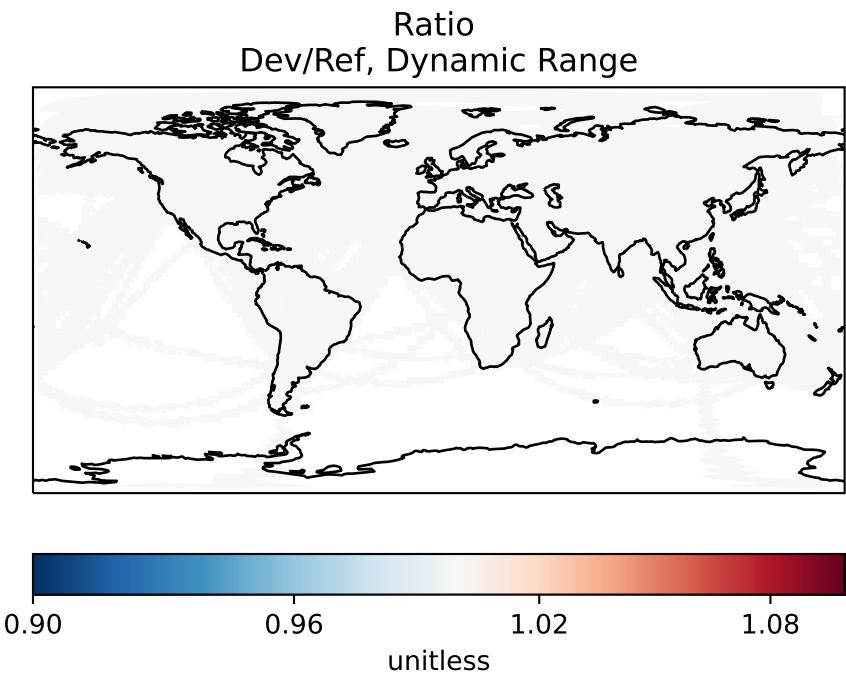
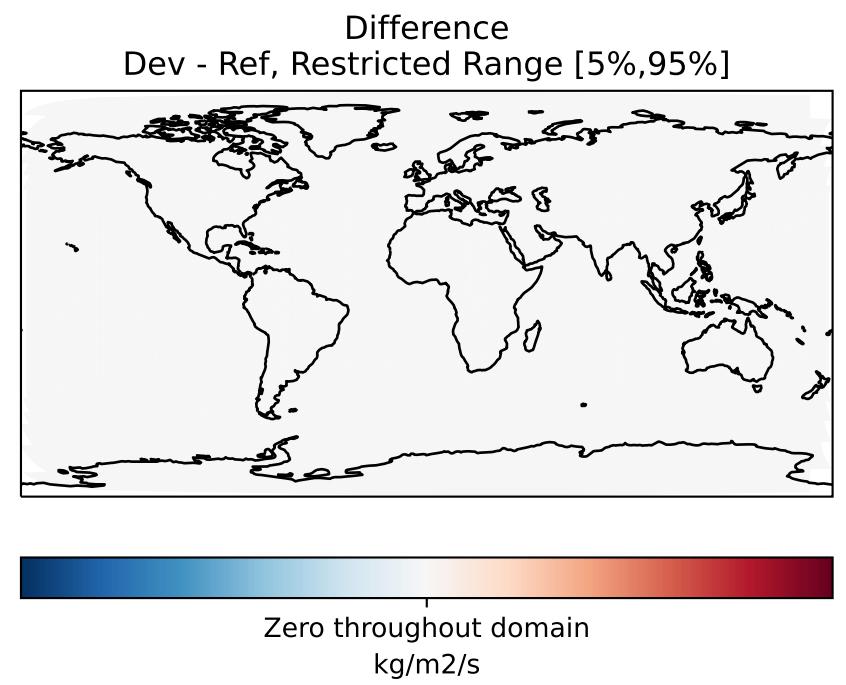
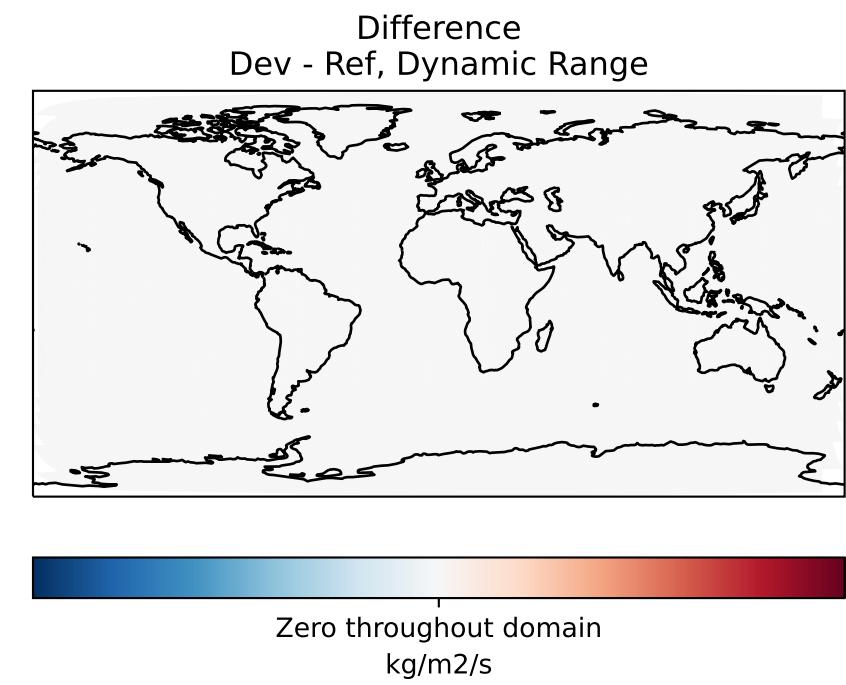
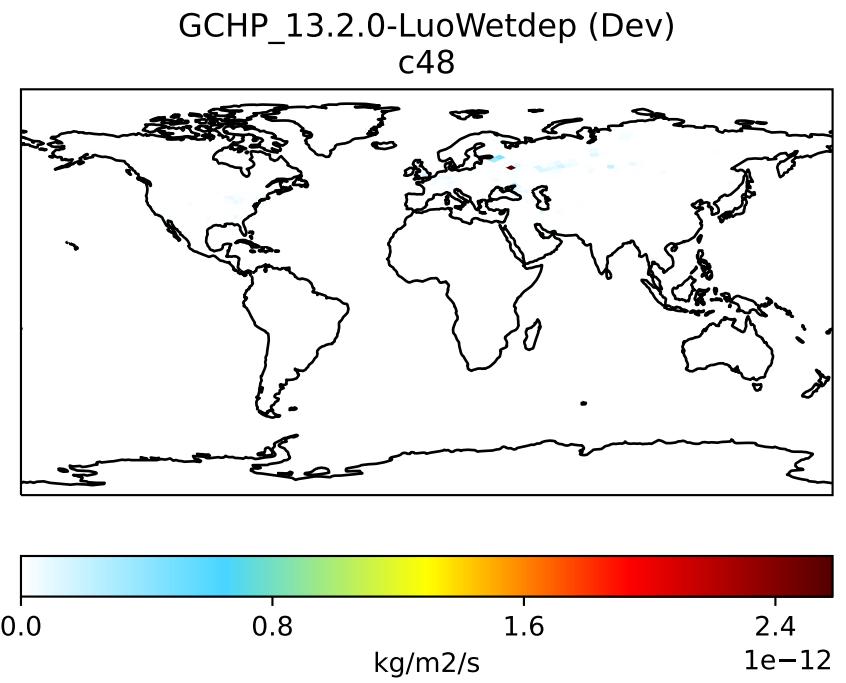
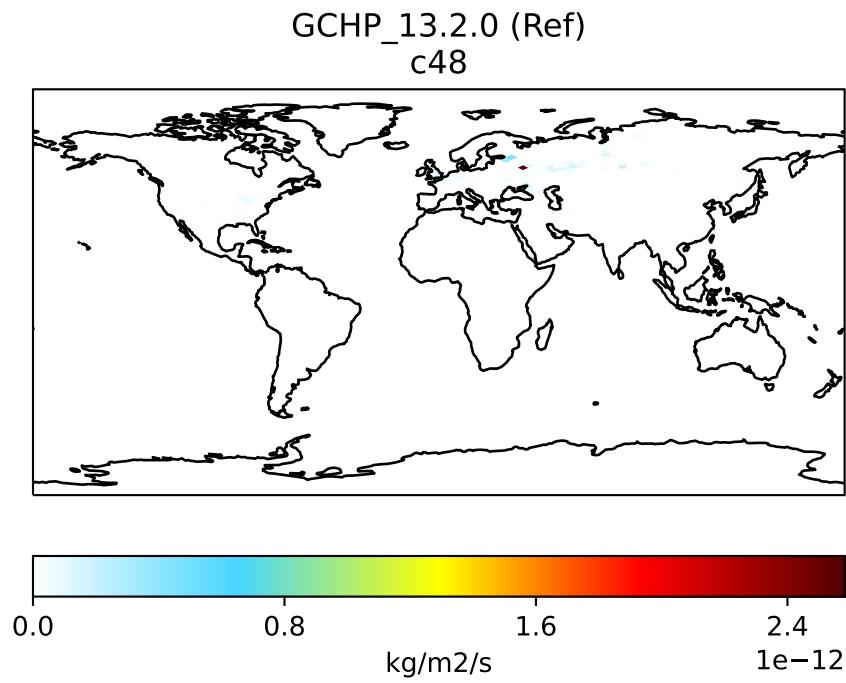
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Ratio
Dev/Ref, Fixed Range



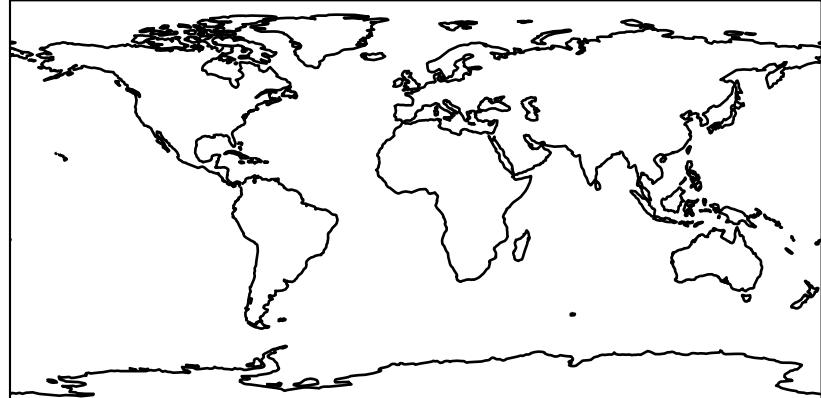
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EmisMACR_Total (AnnualMean)



EmisACET_Anthro (AnnualMean)

GCHP_13.2.0 (Ref)
c48



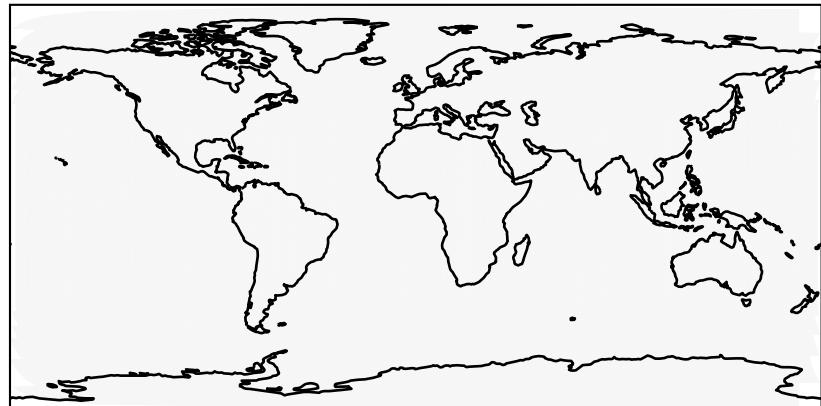
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kg/m²/s

GCHP_13.2.0-LuoWetdep (Dev)
c48



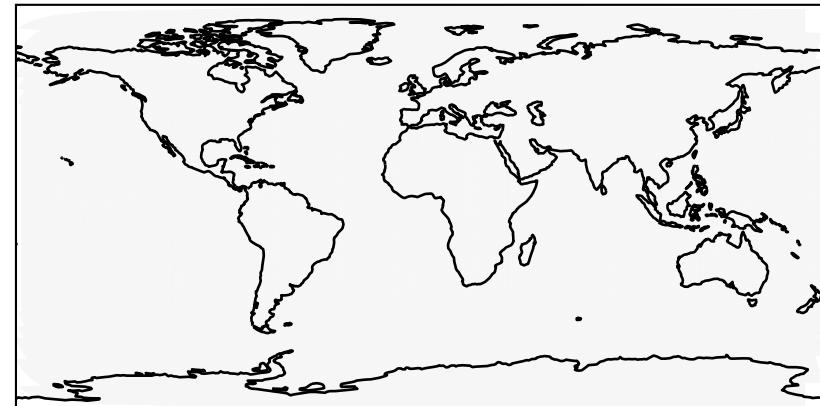
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kg/m²/s

Difference
Dev - Ref, Dynamic Range



Zero throughout domain
kg/m²/s

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



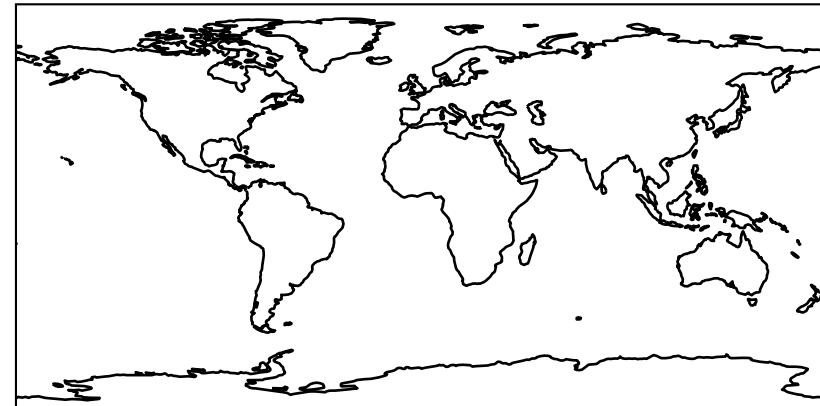
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kg/m²/s

Ratio
Dev/Ref, Dynamic Range



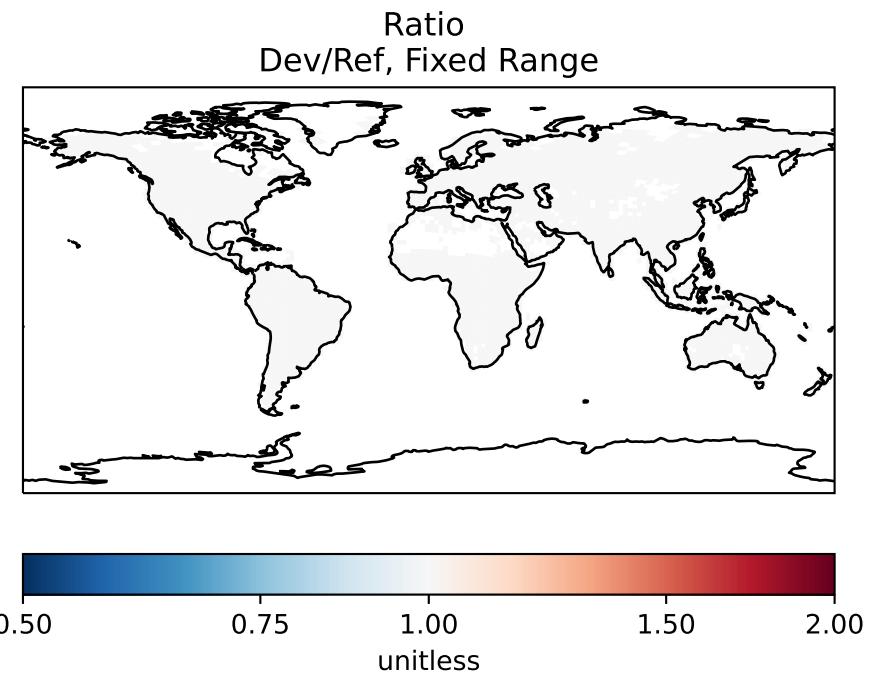
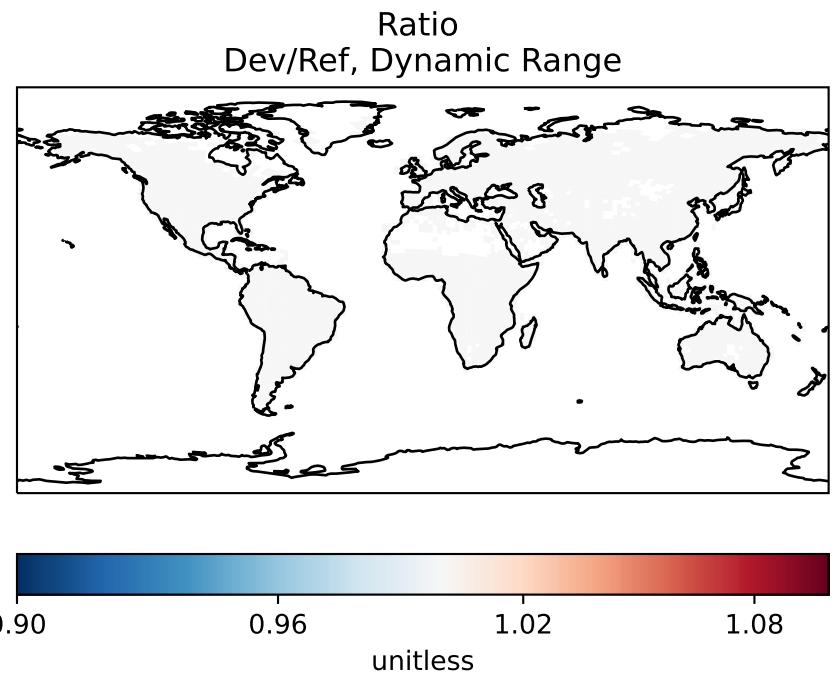
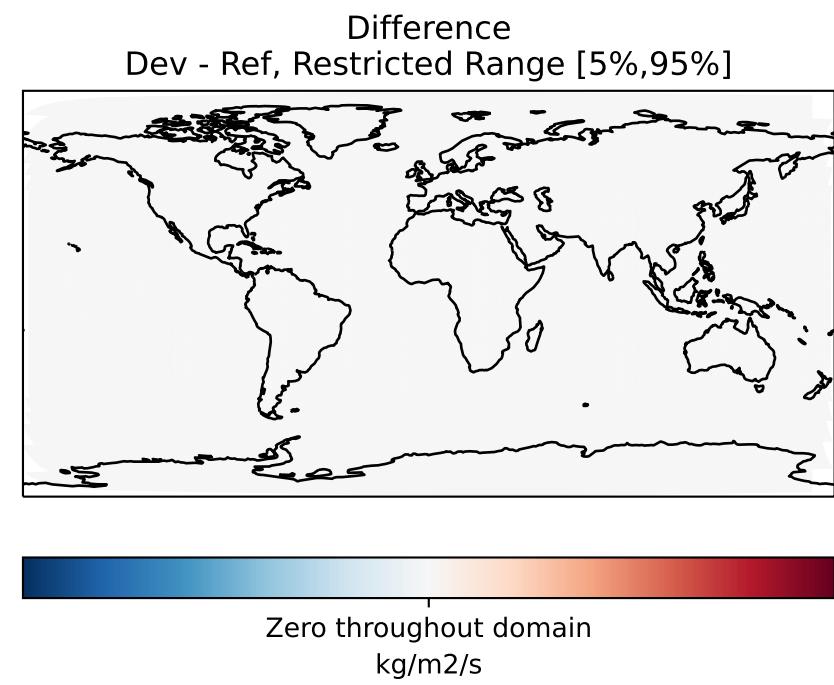
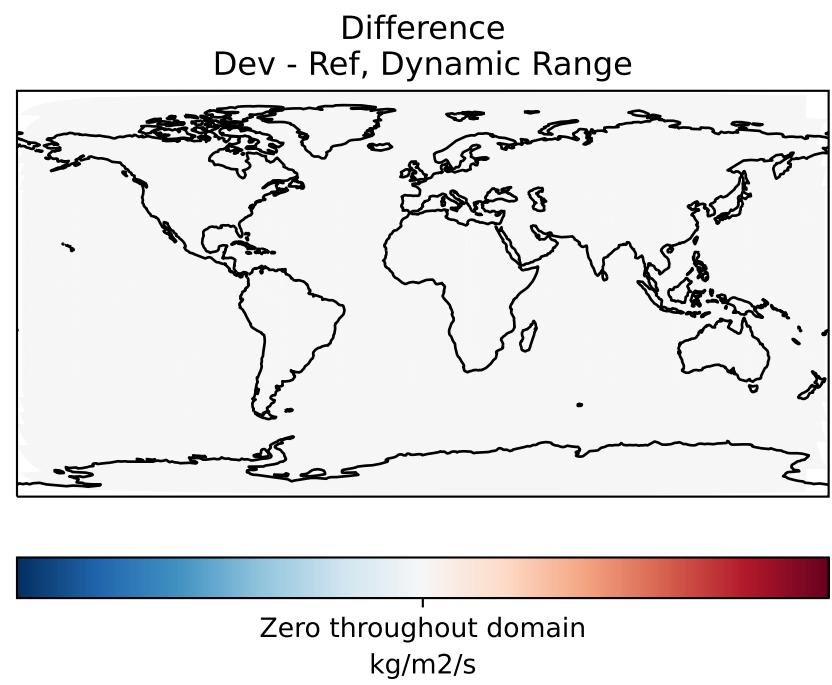
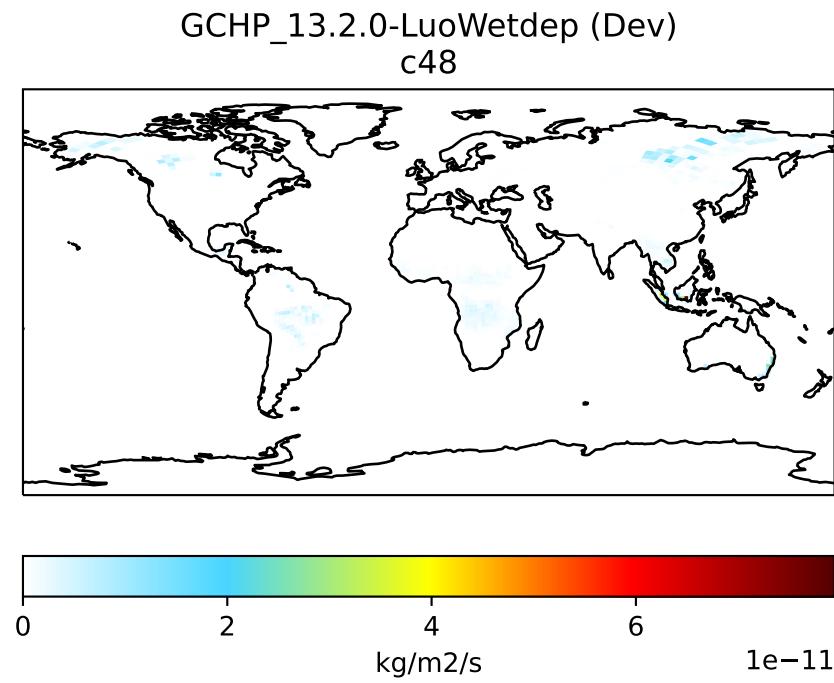
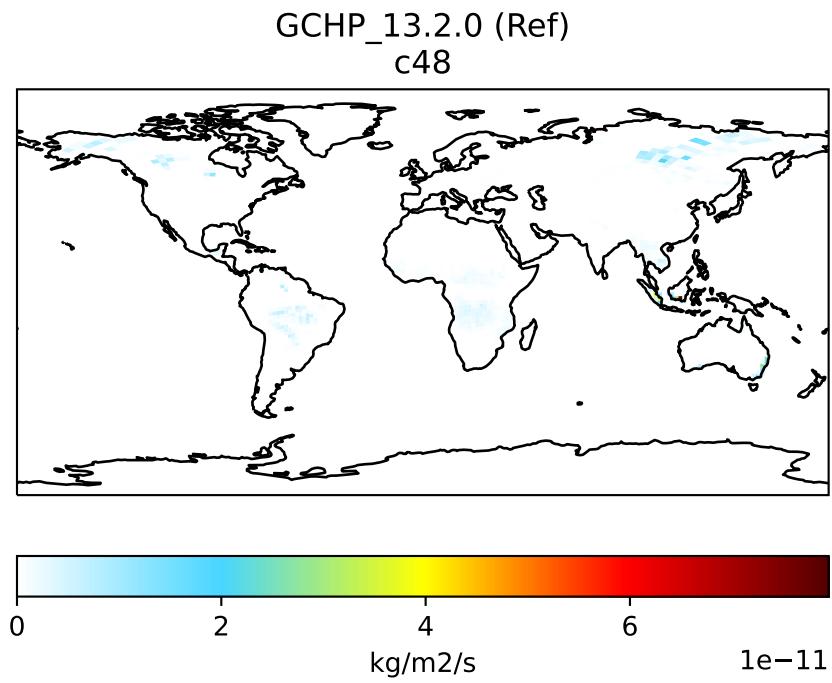
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unitless

Ratio
Dev/Ref, Fixed Range

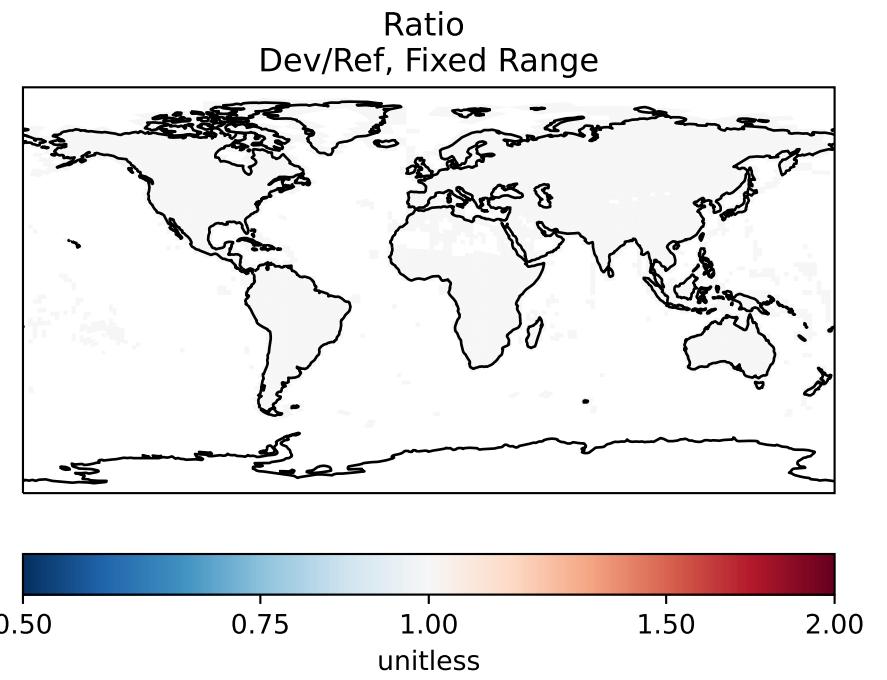
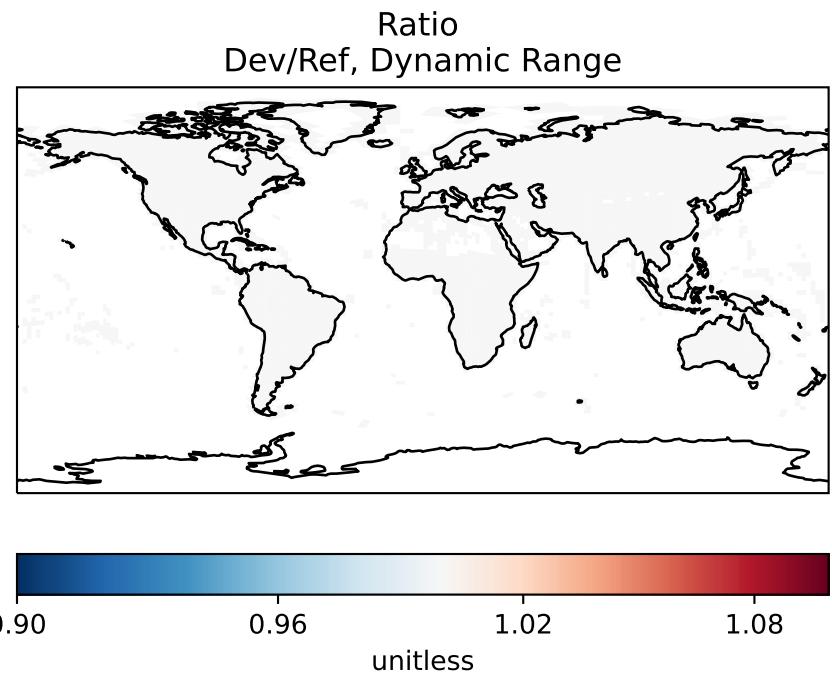
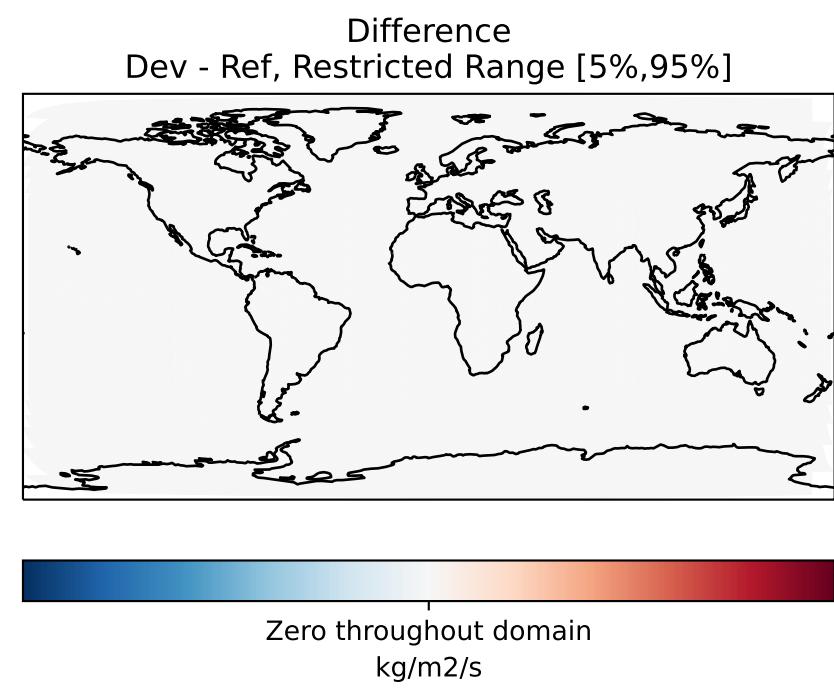
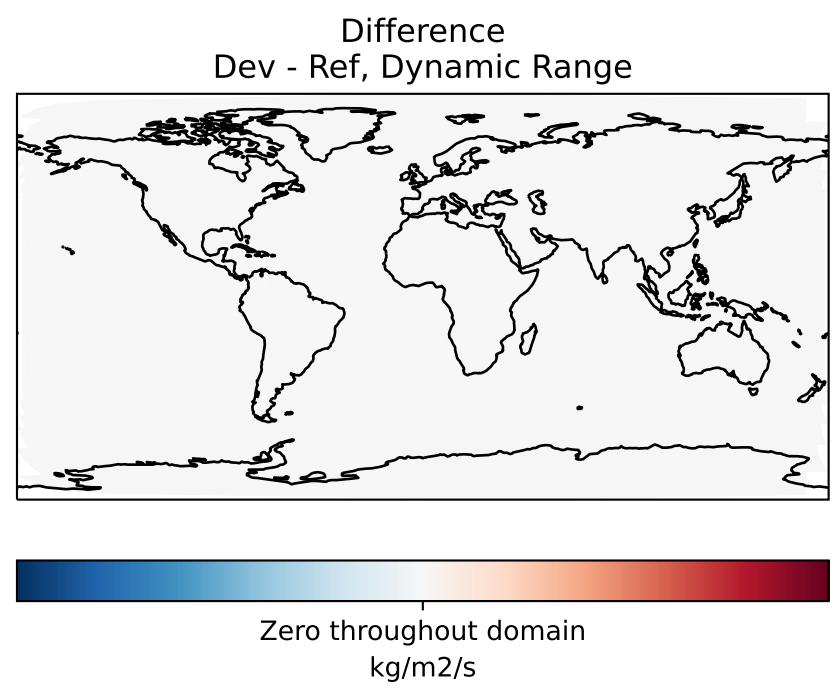
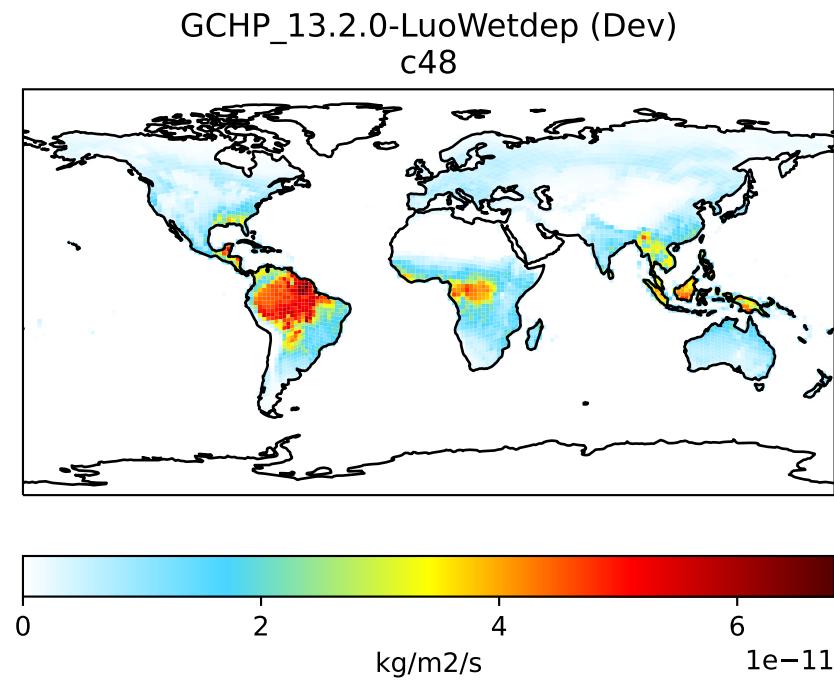
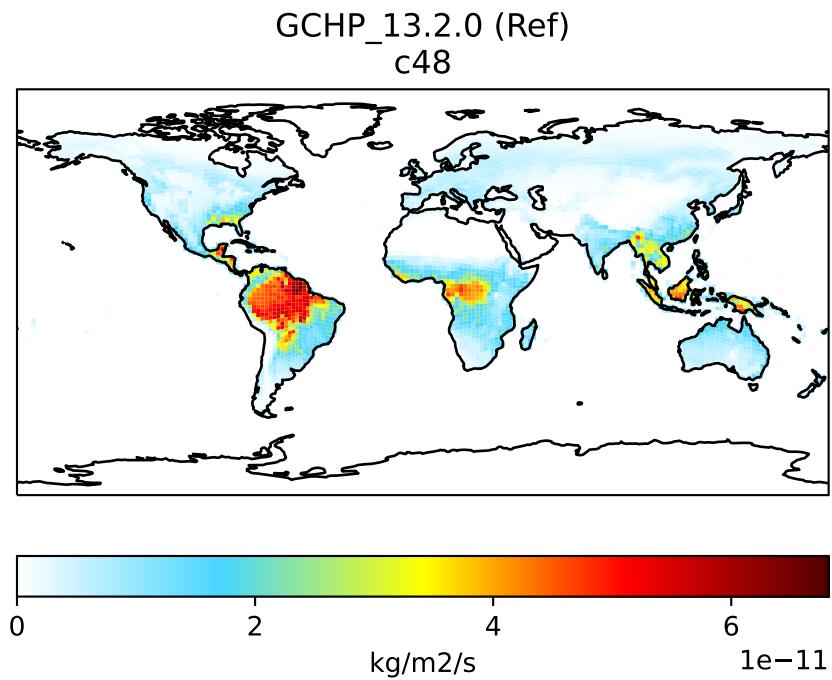


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unitless

EmisACET_BioBurn (AnnualMean)

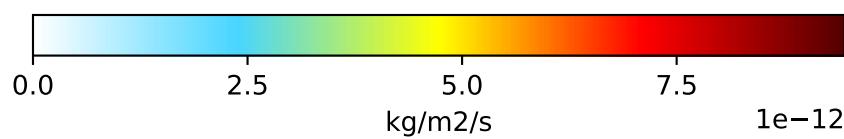
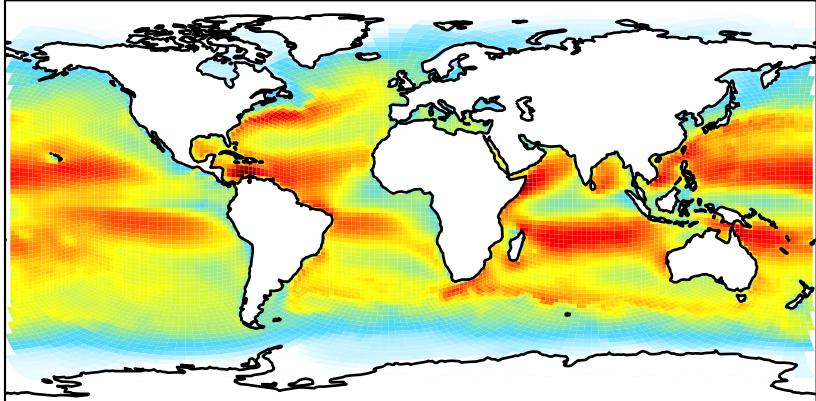


EmisACET_Biogenic (AnnualMean)

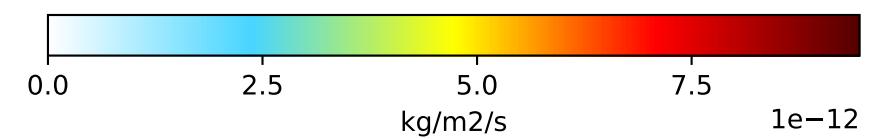
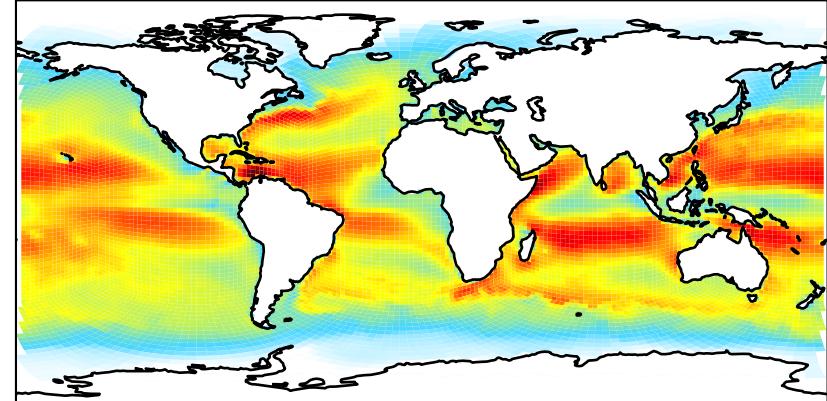


EmisACET_Ocean (AnnualMean)

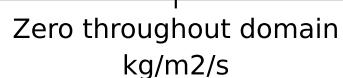
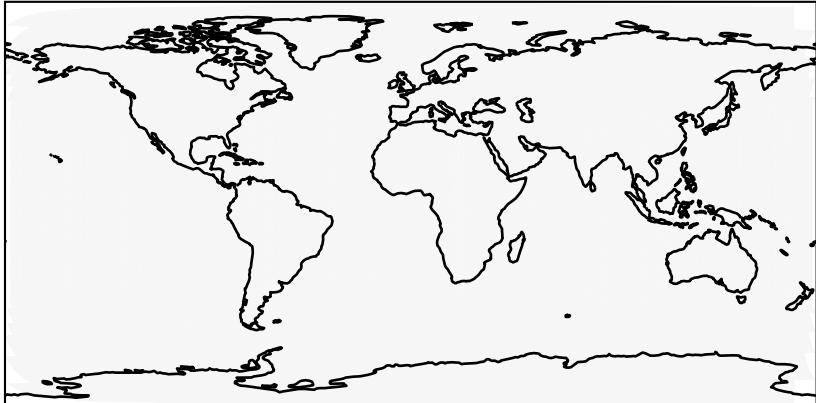
GCHP_13.2.0 (Ref)
c48



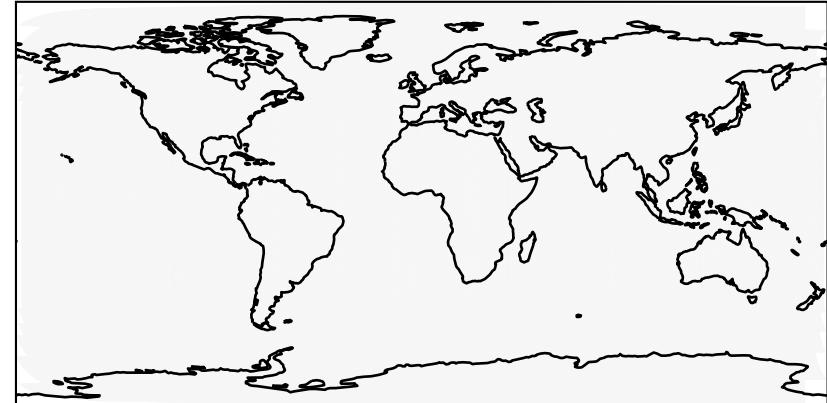
GCHP_13.2.0-LuoWetdep (Dev)
c48



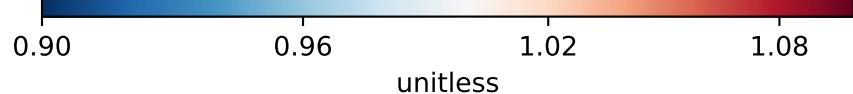
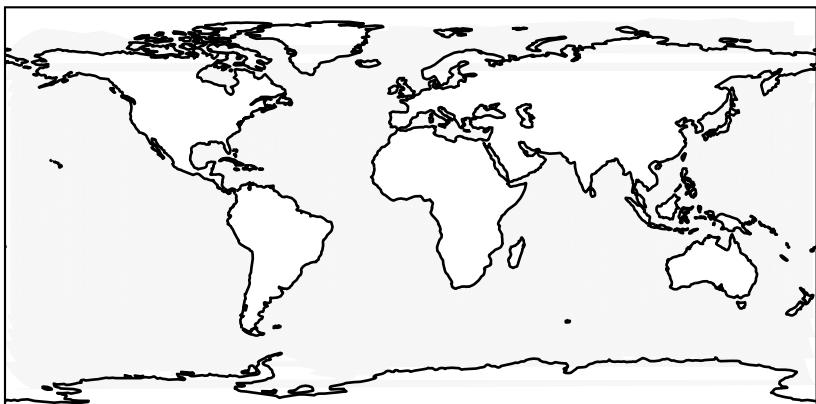
Difference
Dev - Ref, Dynamic Range



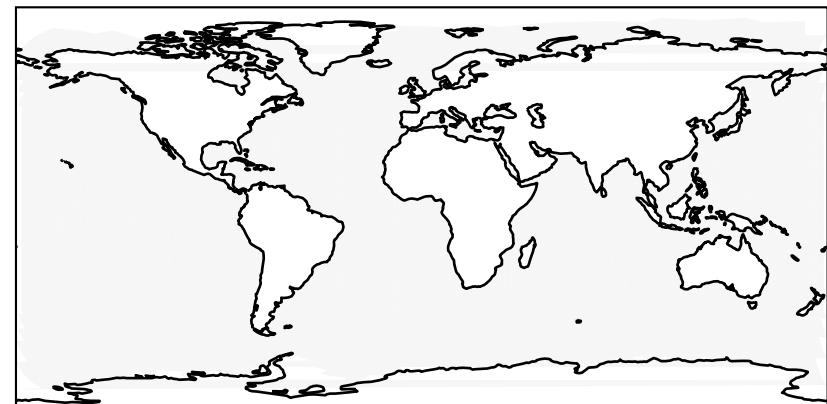
Difference
Dev - Ref, Restricted Range [5%,95%]



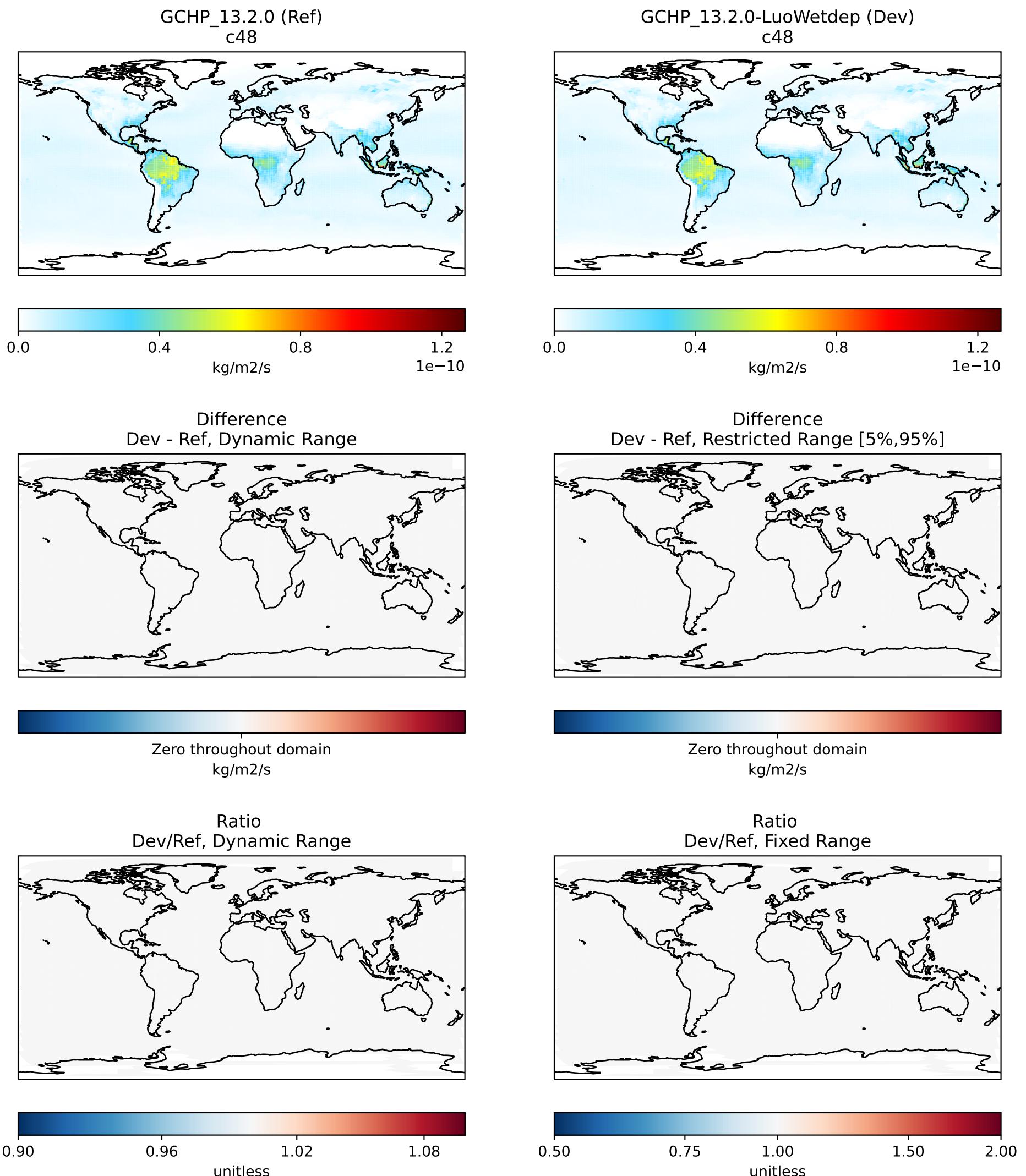
Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

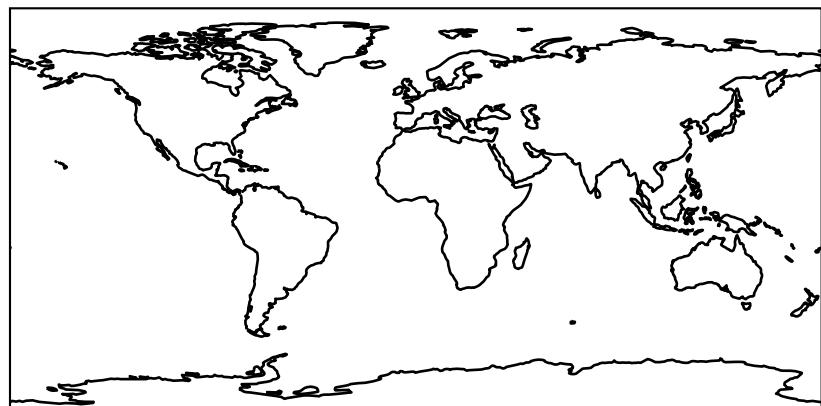


EmisACET_Total (AnnualMean)



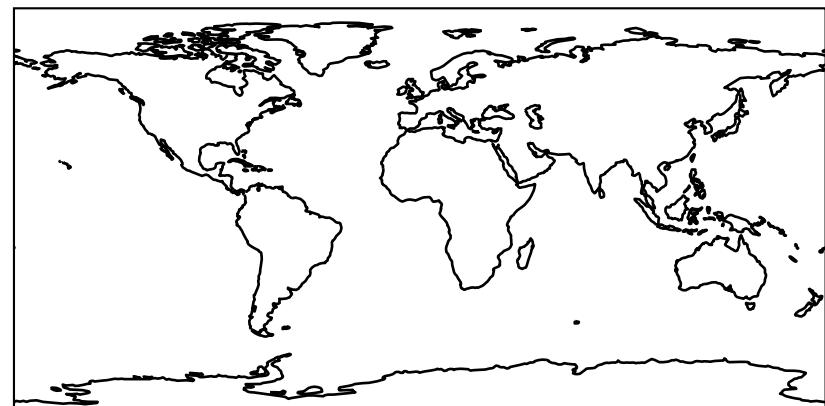
EmisHAC_Anthro (AnnualMean)

GCHP_13.2.0 (Ref)
c48



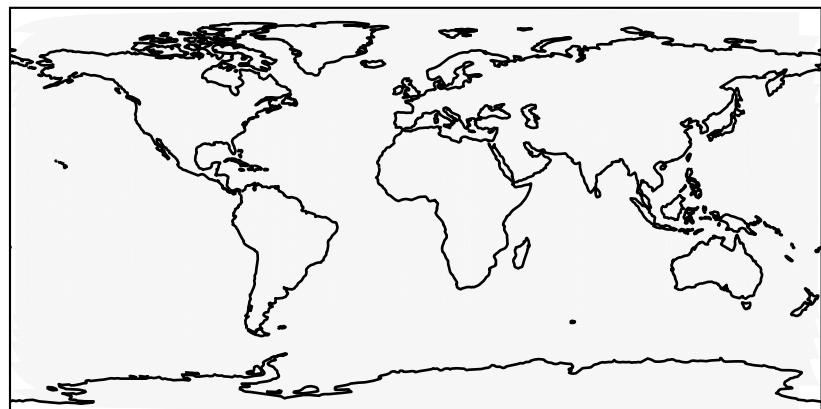
Zero throughout domain
kg/m²/s

GCHP_13.2.0-LuoWetdep (Dev)
c48



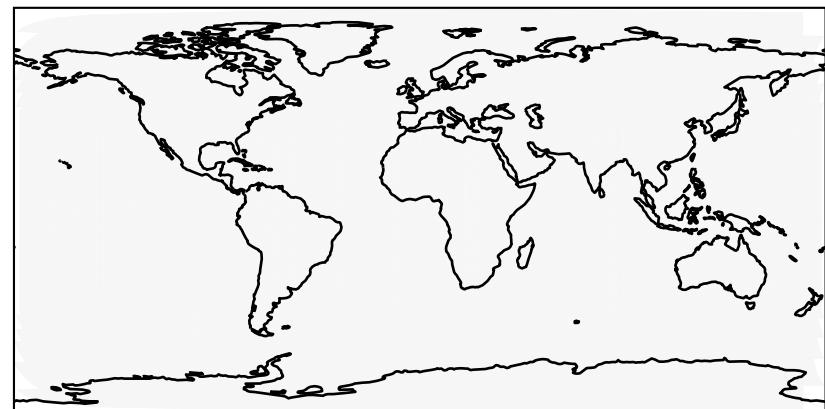
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



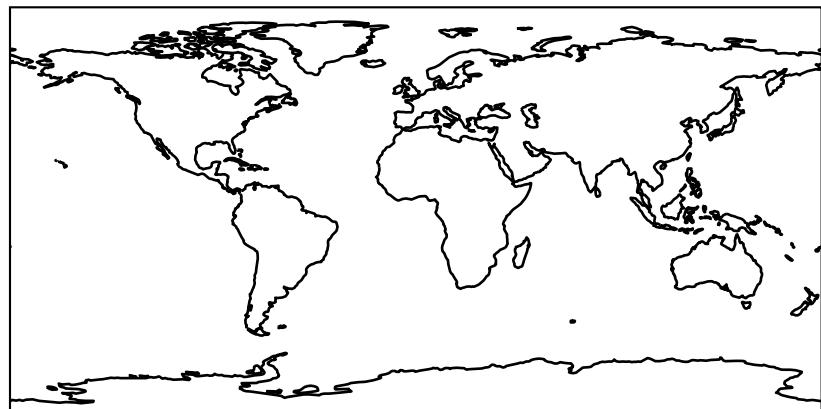
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kg/m²/s

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



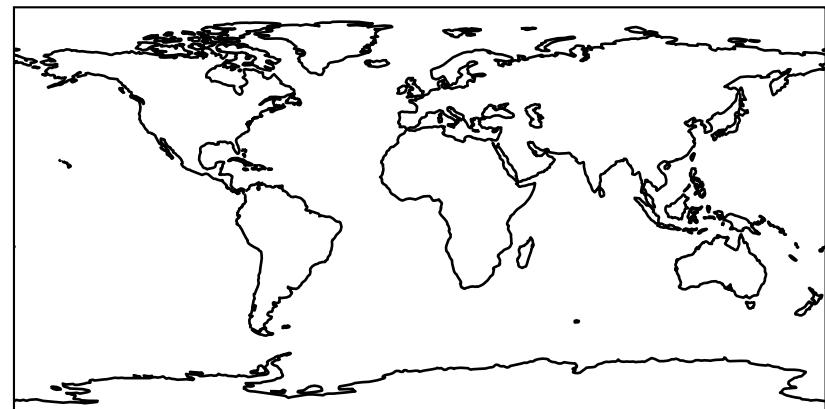
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kg/m²/s

Ratio
Dev/Ref, Dynamic Range



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unitless

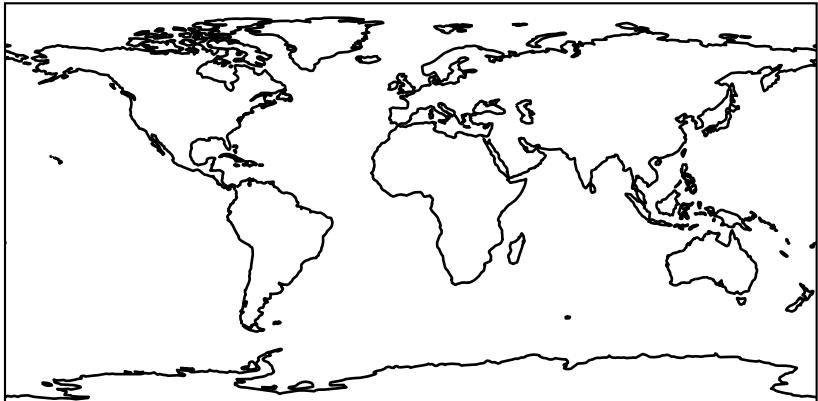
Ratio
Dev/Ref, Fixed Range



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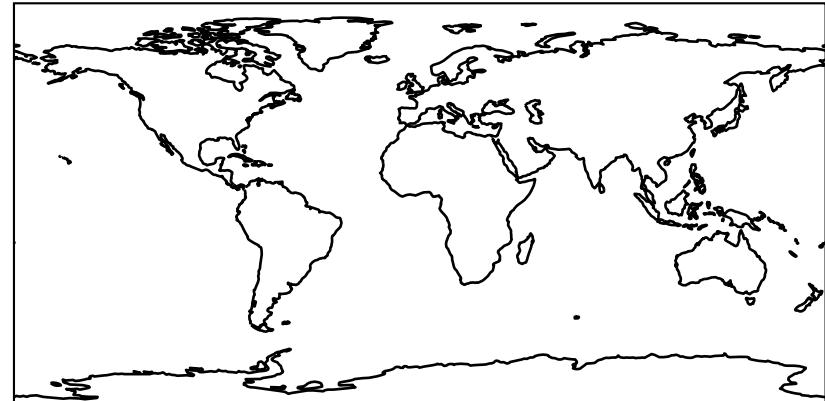
EmisHAC_Total (AnnualMean)

GCHP_13.2.0 (Ref)
c48



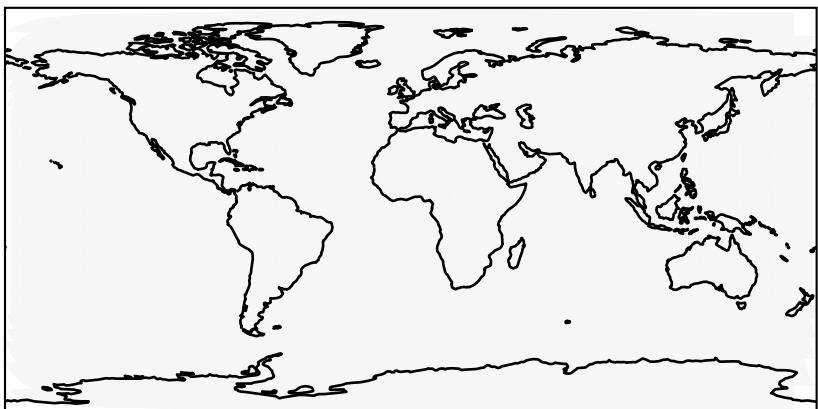
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kg/m²/s

GCHP_13.2.0-LuoWetdep (Dev)
c48



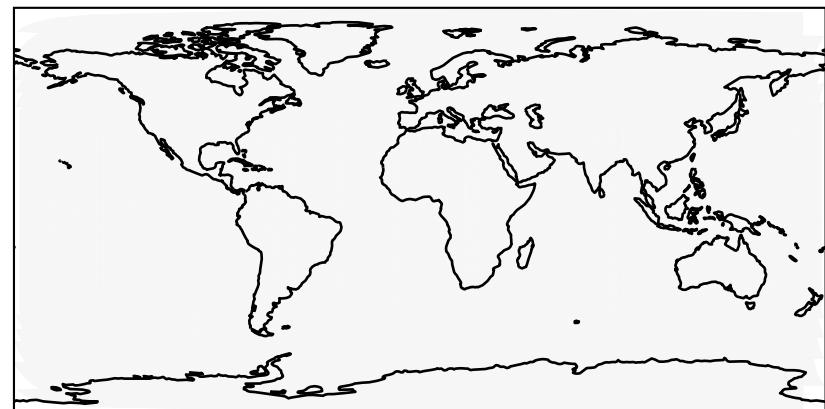
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



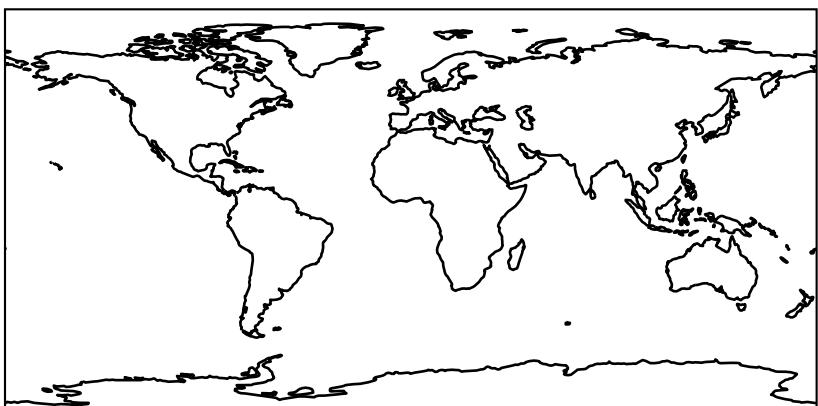
Zero throughout domain
kg/m²/s

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



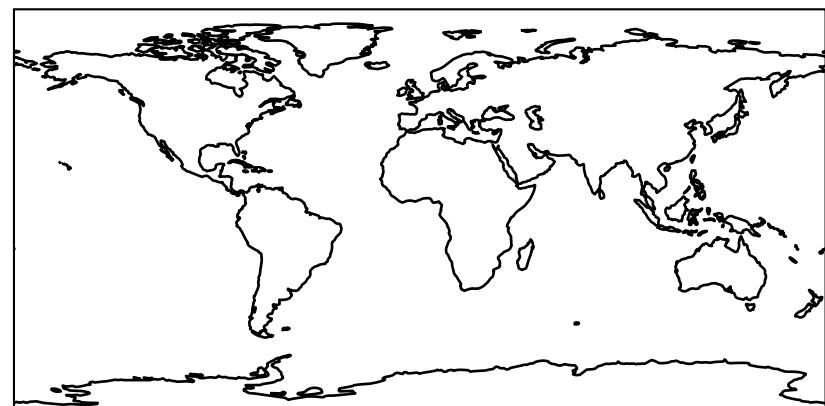
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



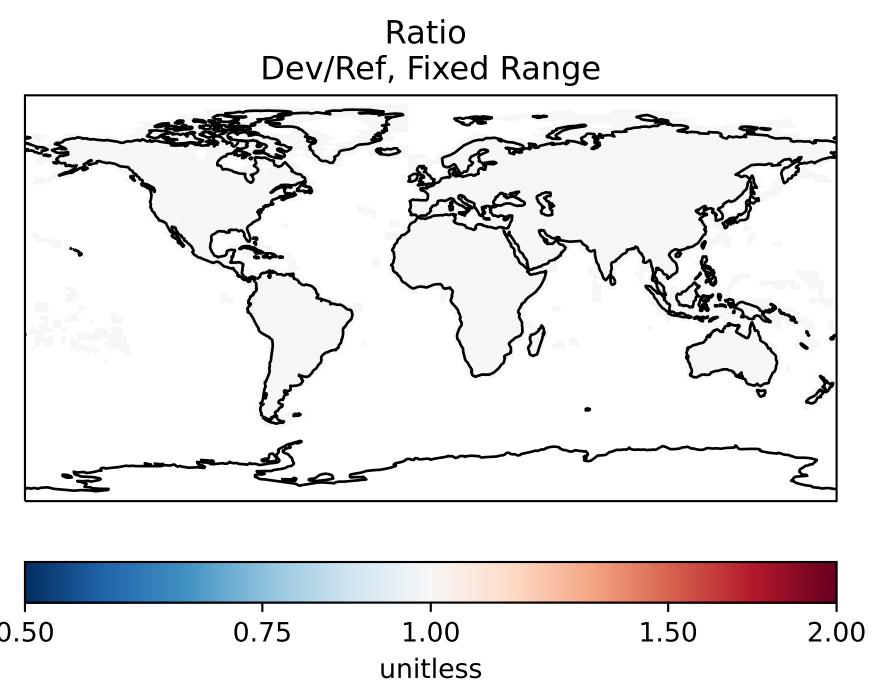
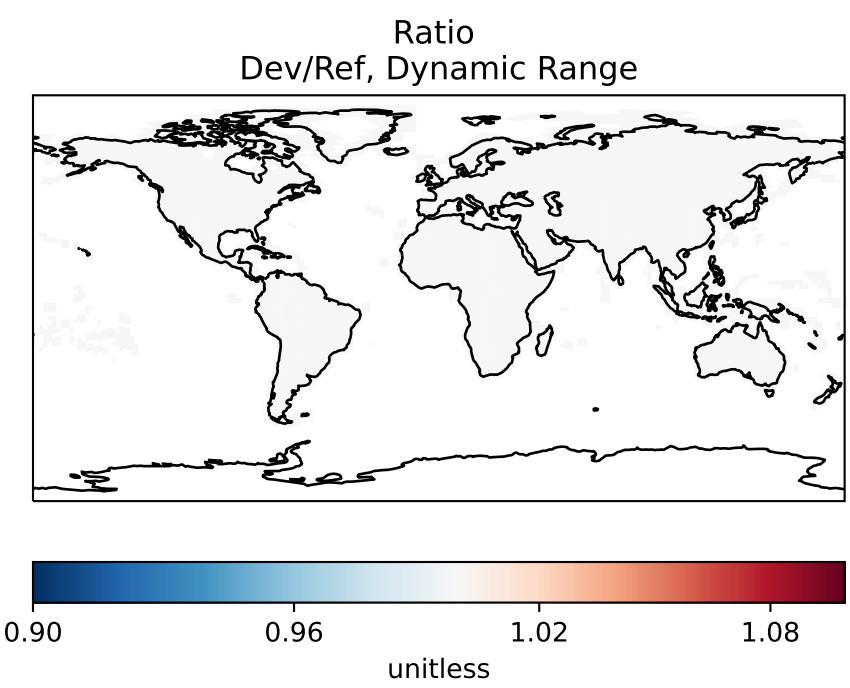
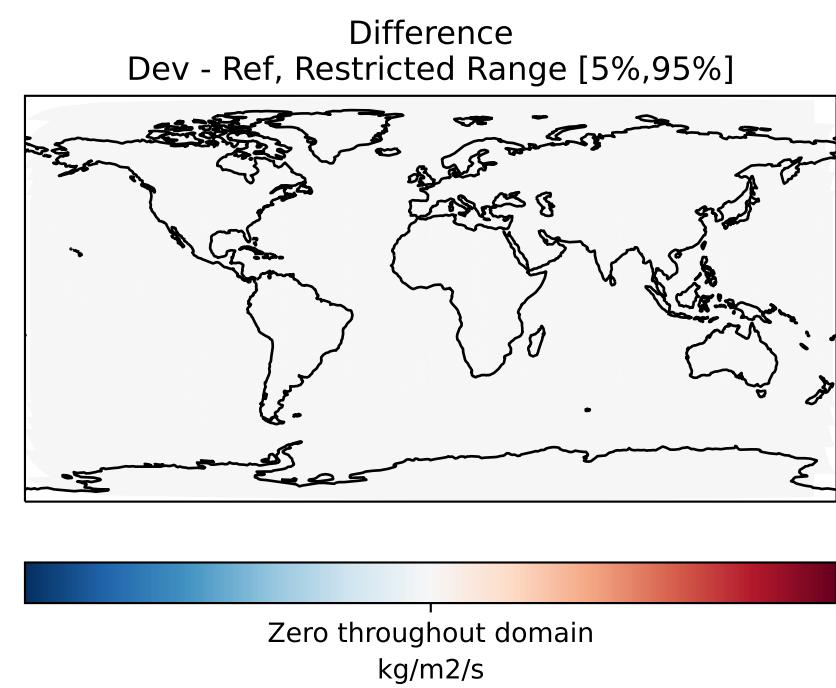
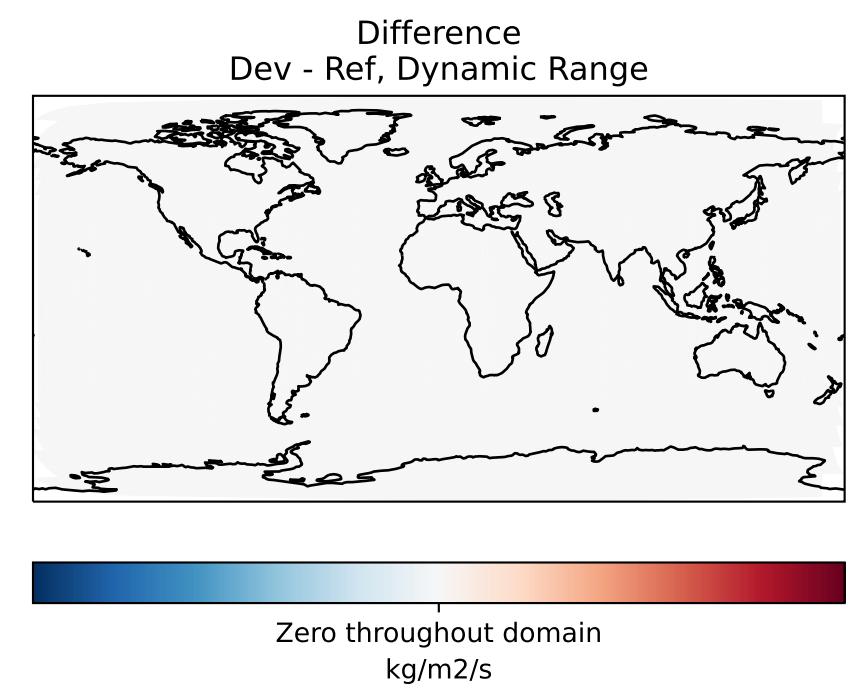
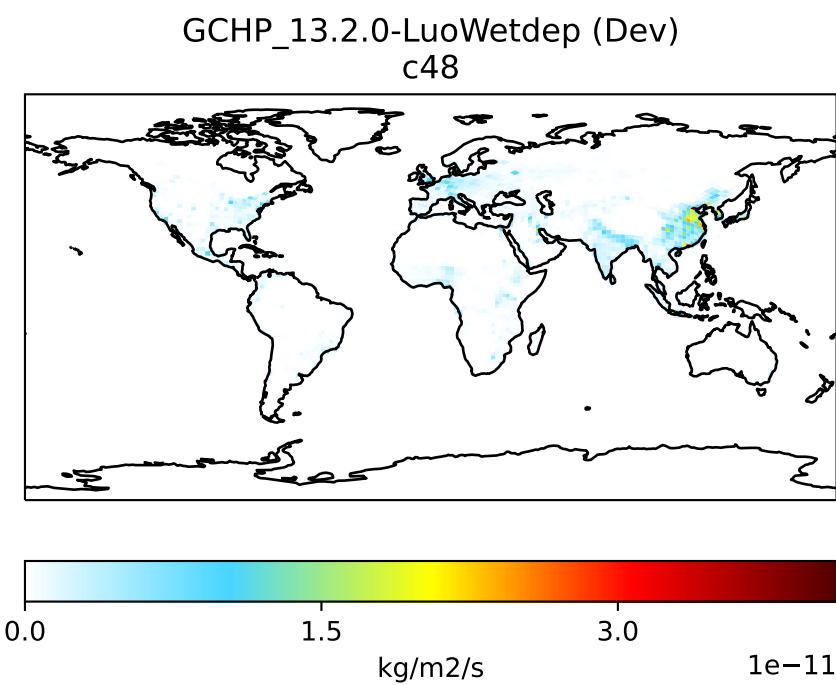
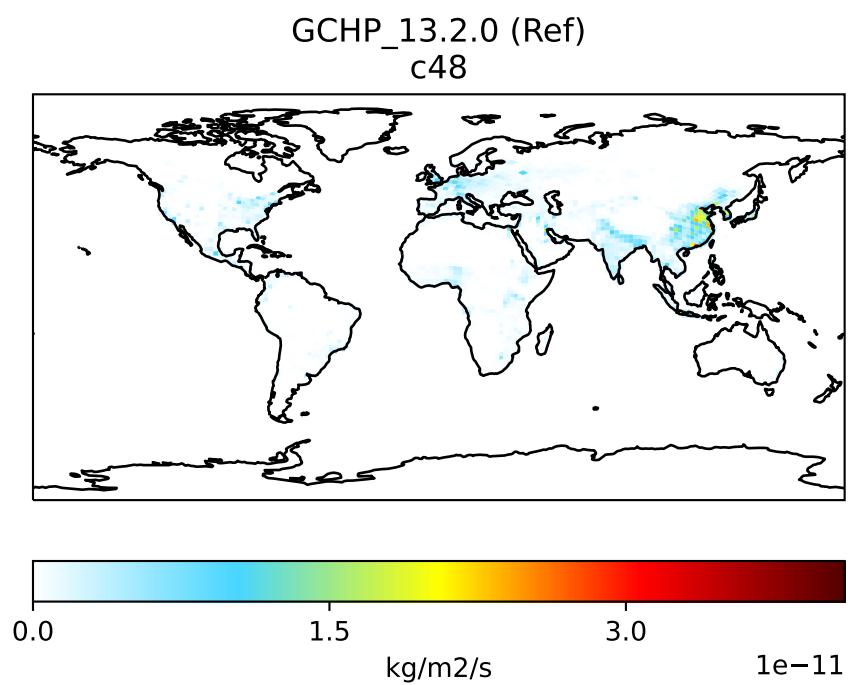
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Ratio
Dev/Ref, Fixed Range

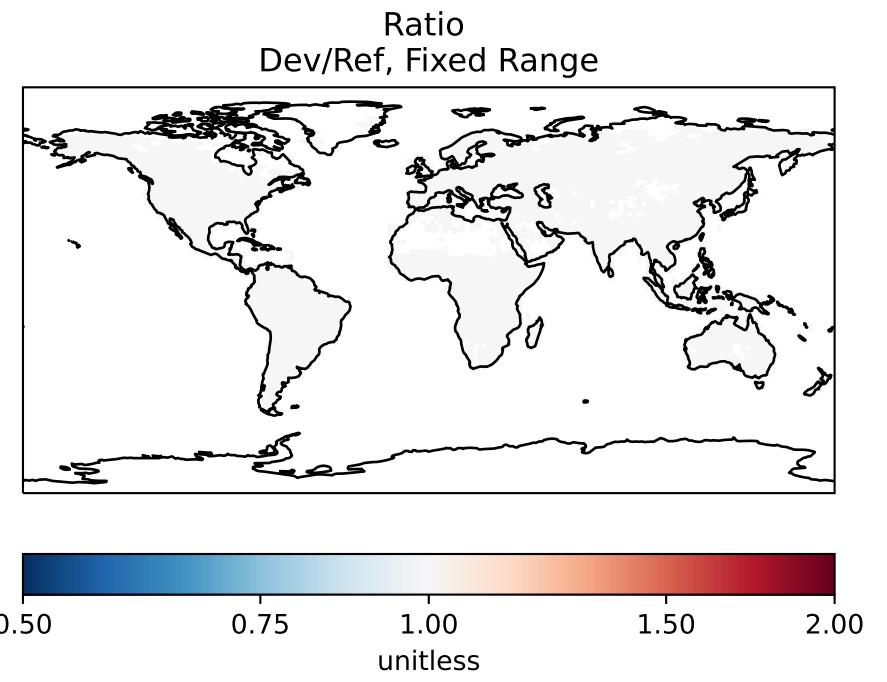
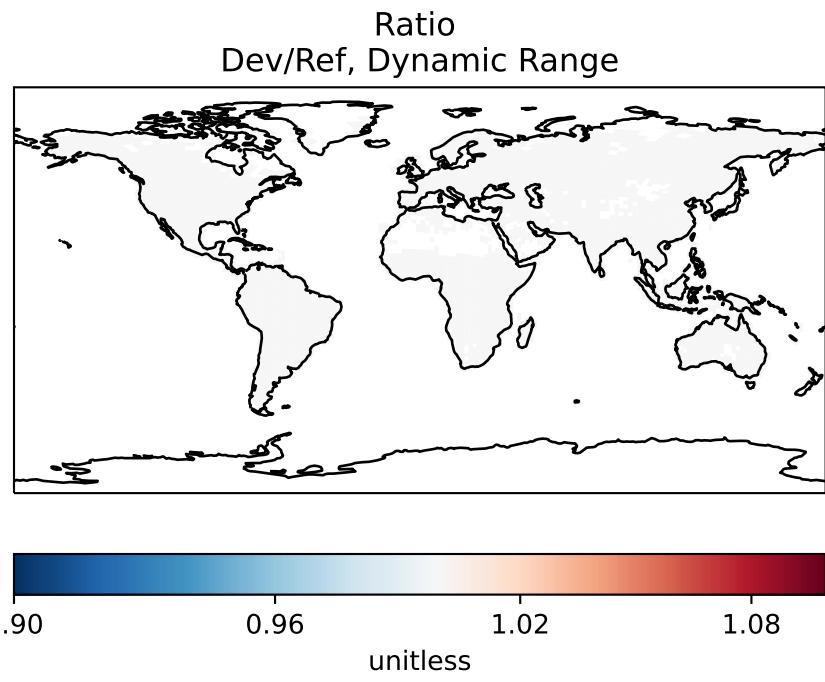
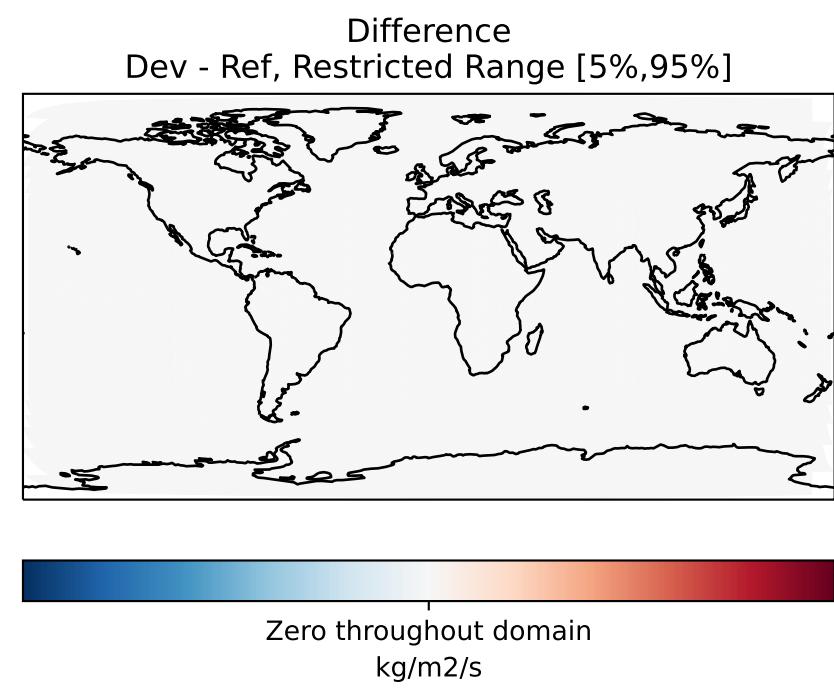
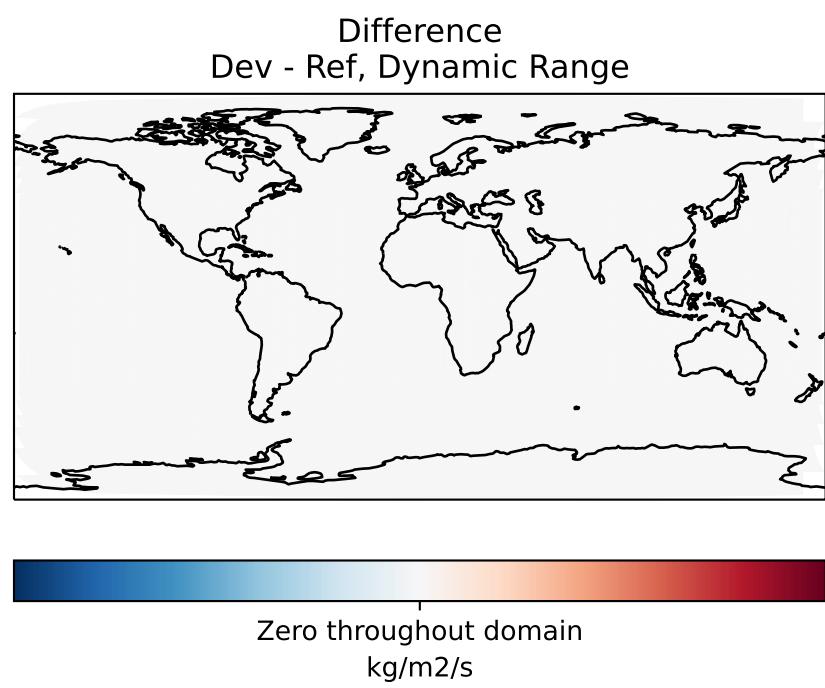
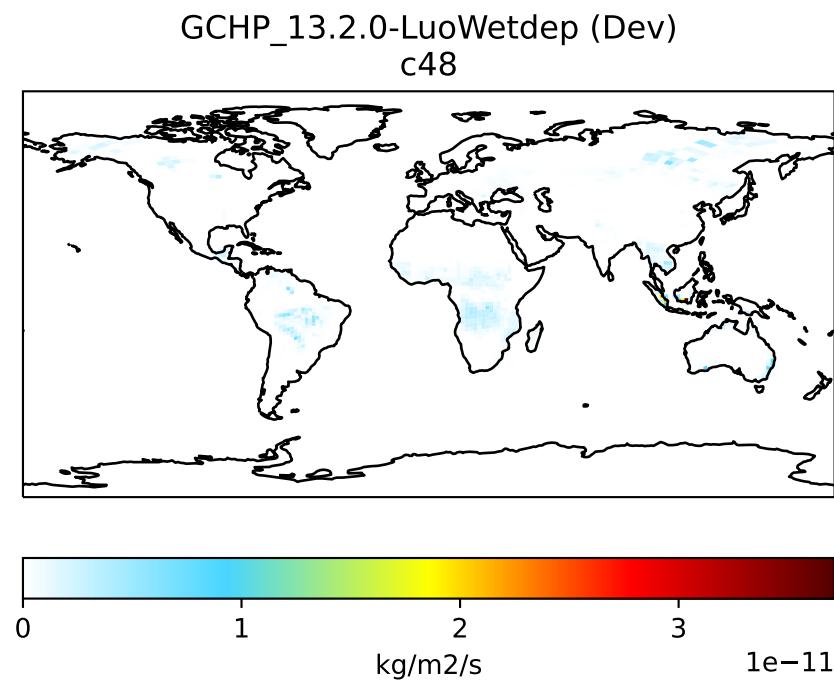
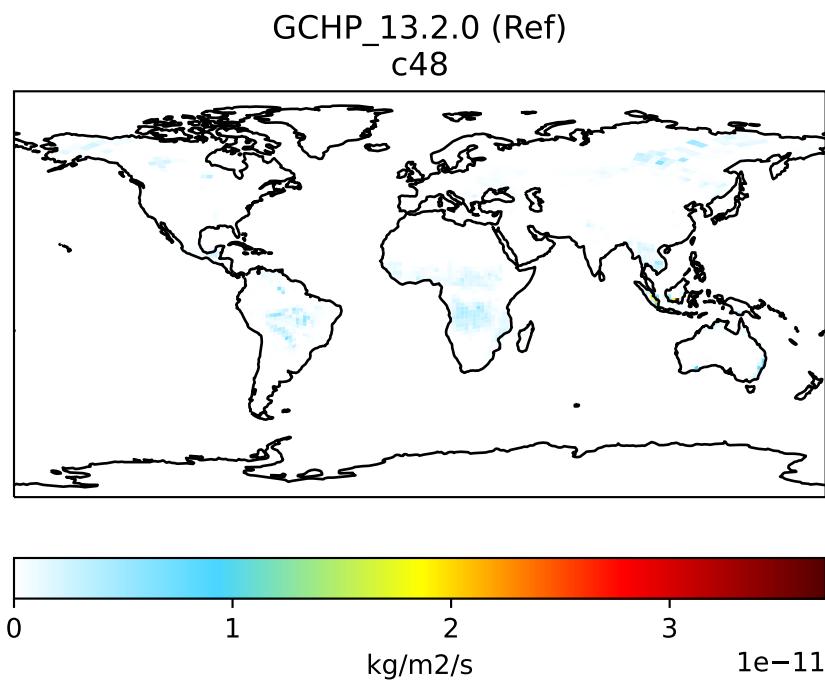


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unitless

EmisMEK_Anthro (AnnualMean)

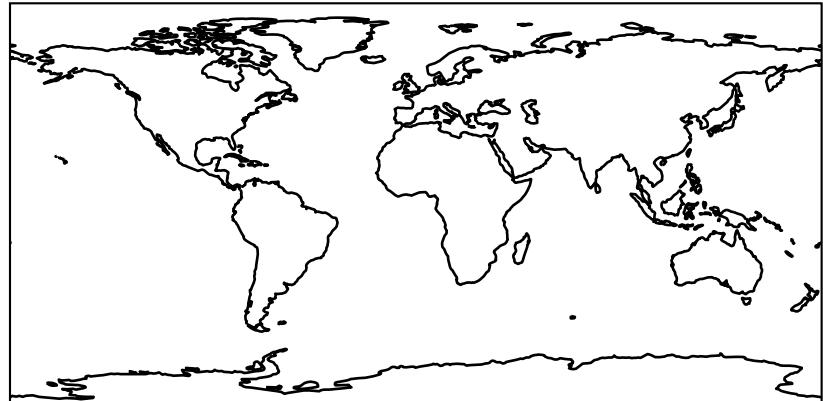


EmisMEK_BioBurn (AnnualMean)



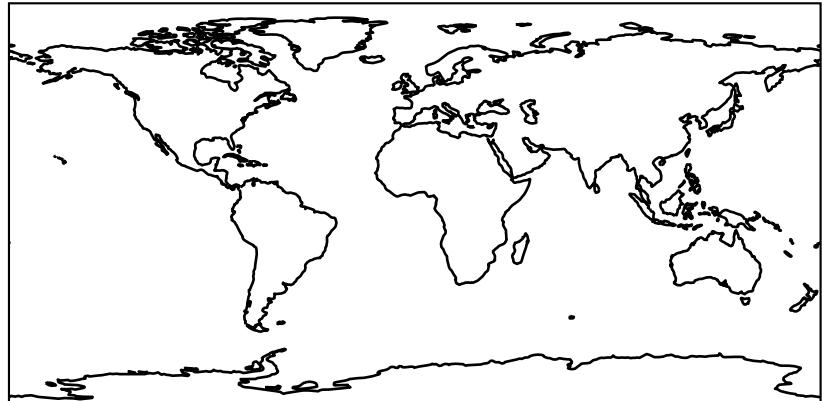
EmisMEK_Ship (AnnualMean)

GCHP_13.2.0 (Ref)
c48



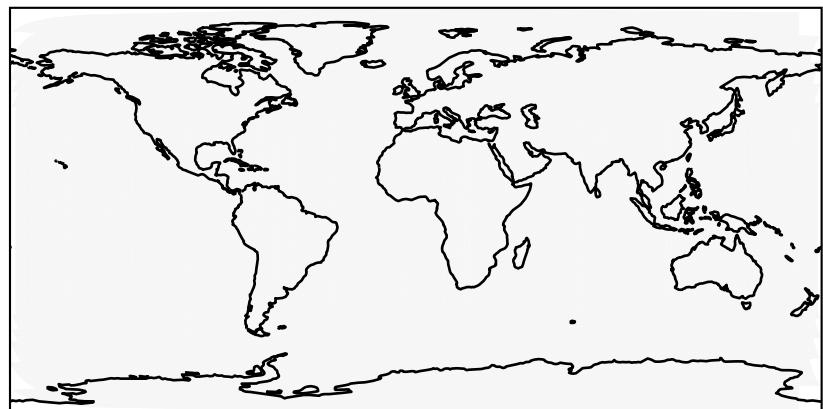
Zero throughout domain
kg/m²/s

GCHP_13.2.0-LuoWetdep (Dev)
c48



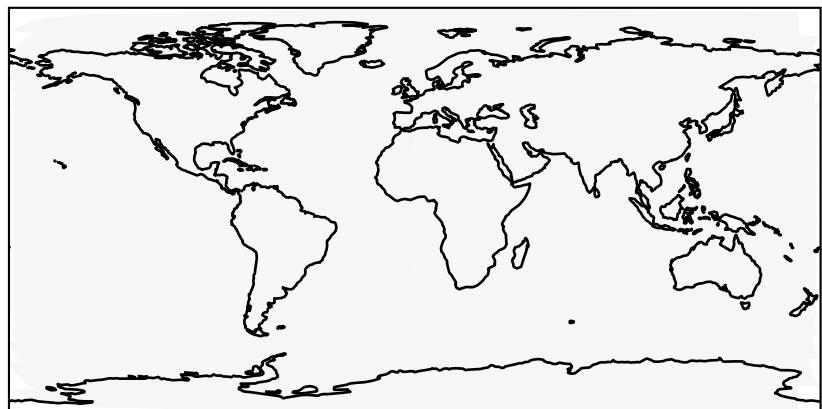
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kg/m²/s

Difference
Dev - Ref, Dynamic Range



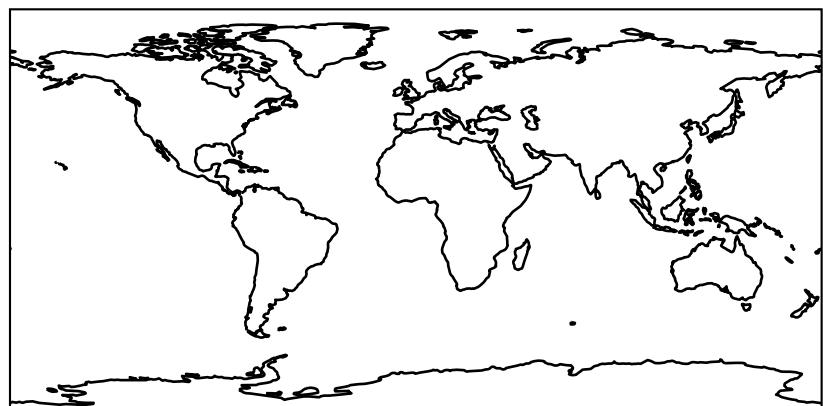
Zero throughout domain
kg/m²/s

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



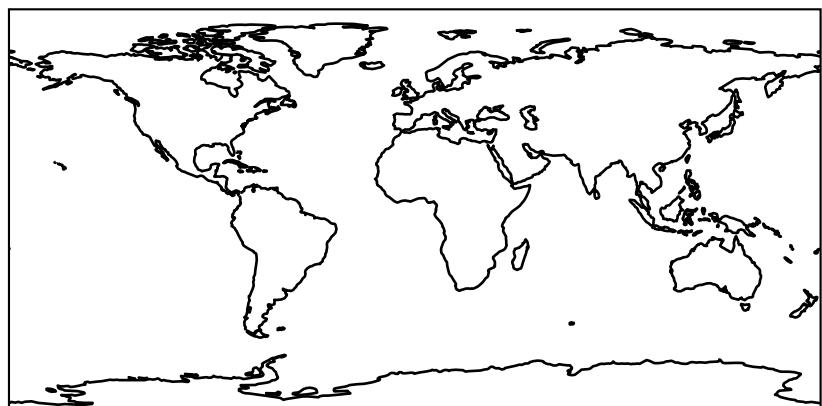
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



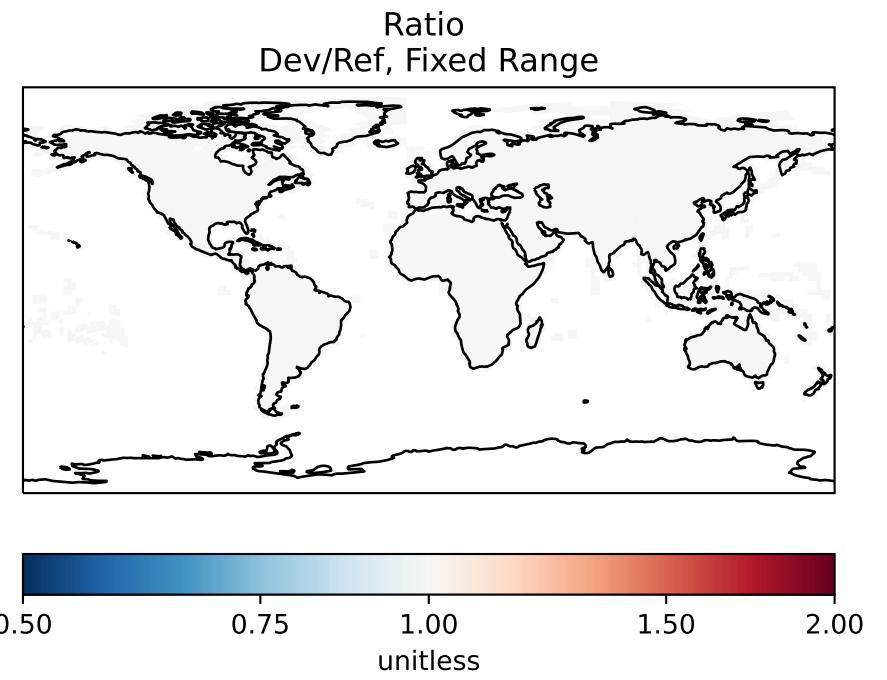
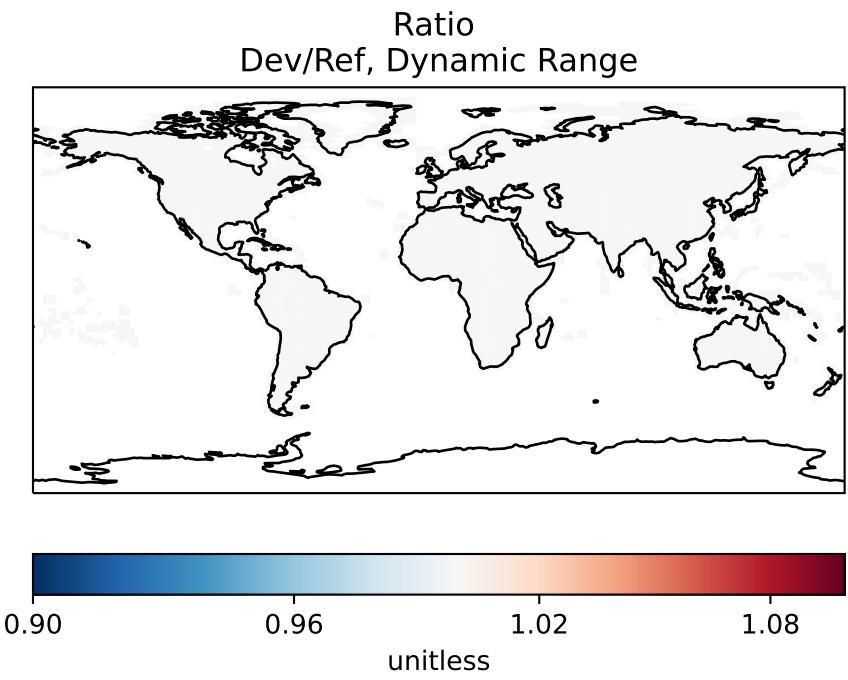
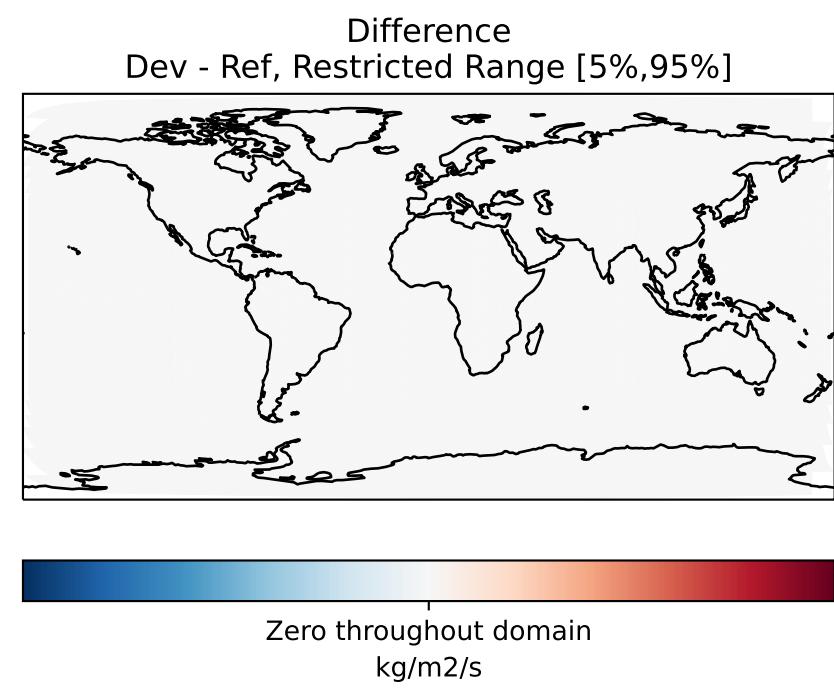
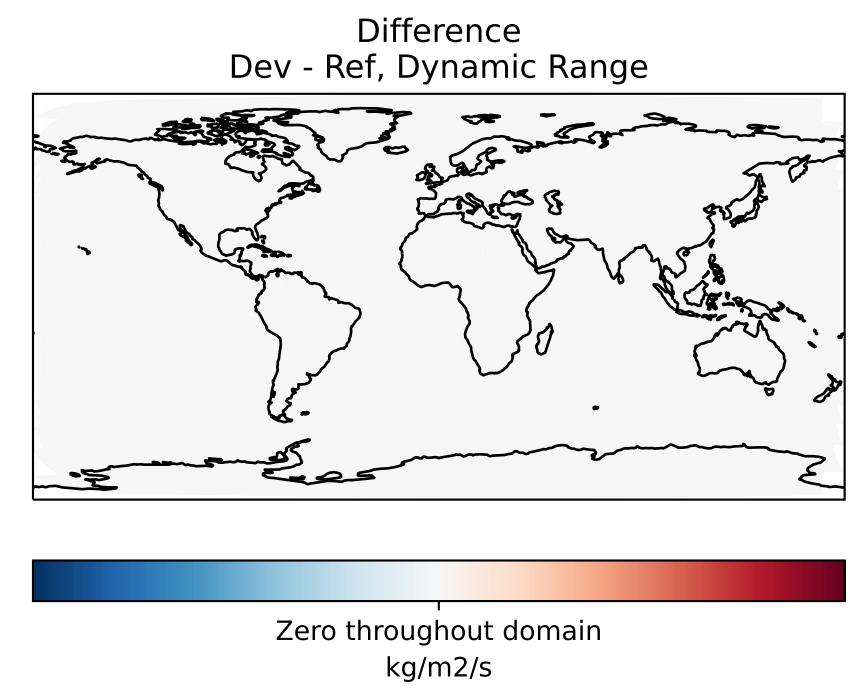
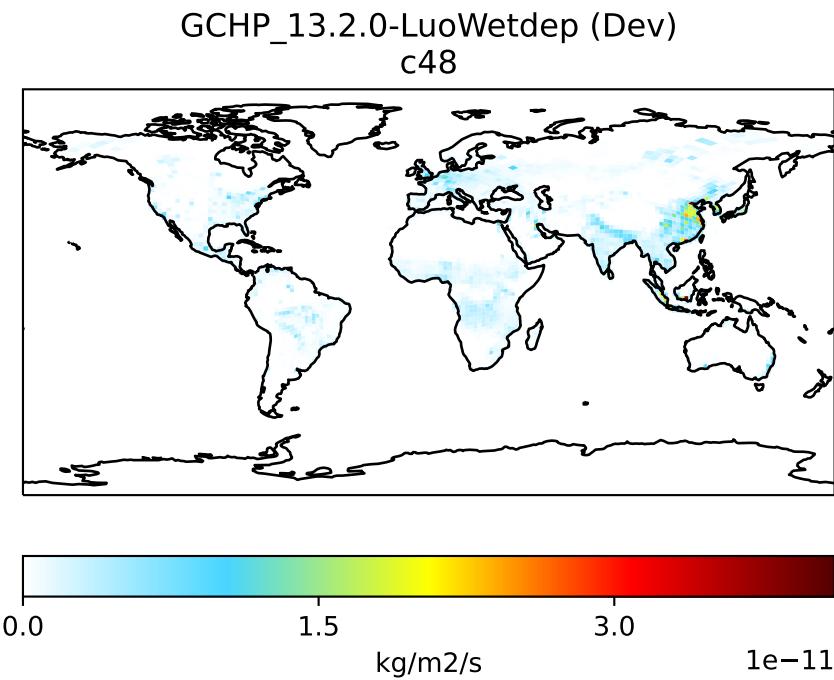
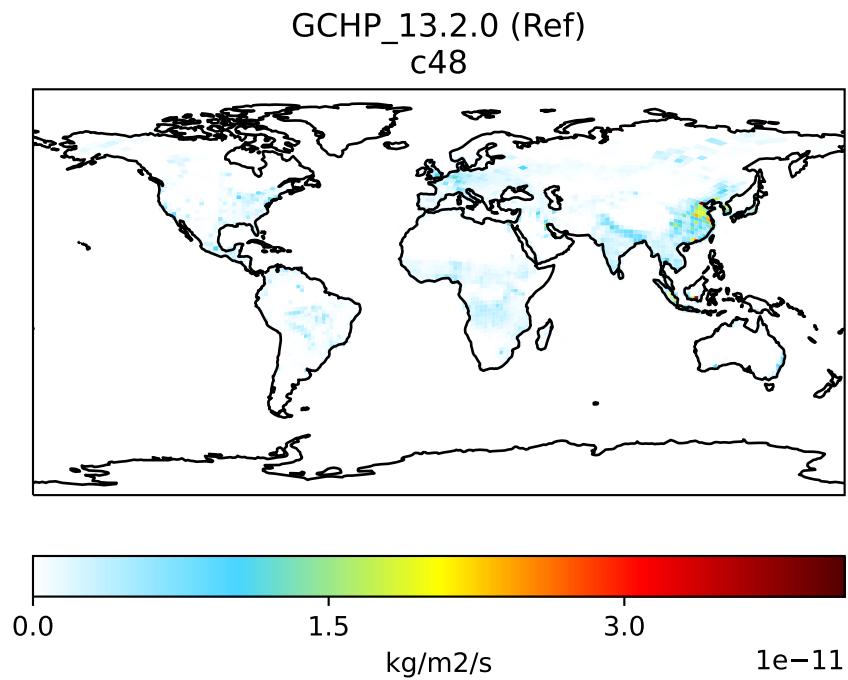
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unitless

Ratio
Dev/Ref, Fixed Range



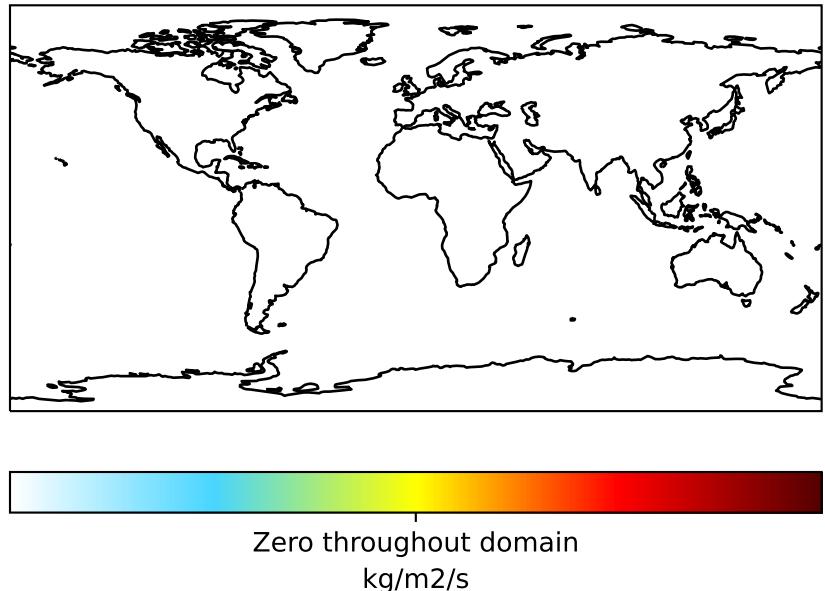
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EmisMEK_Total (AnnualMean)

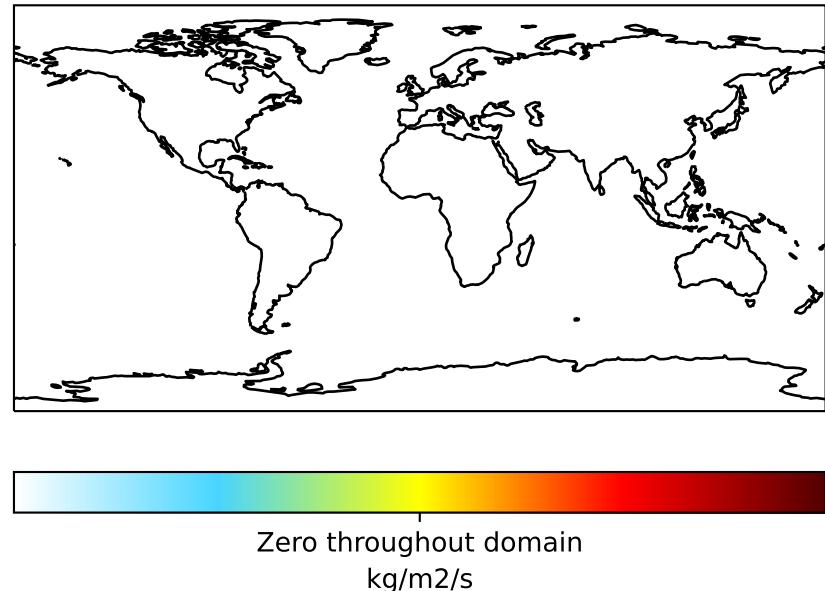


EmisMVK_Anthro (AnnualMean)

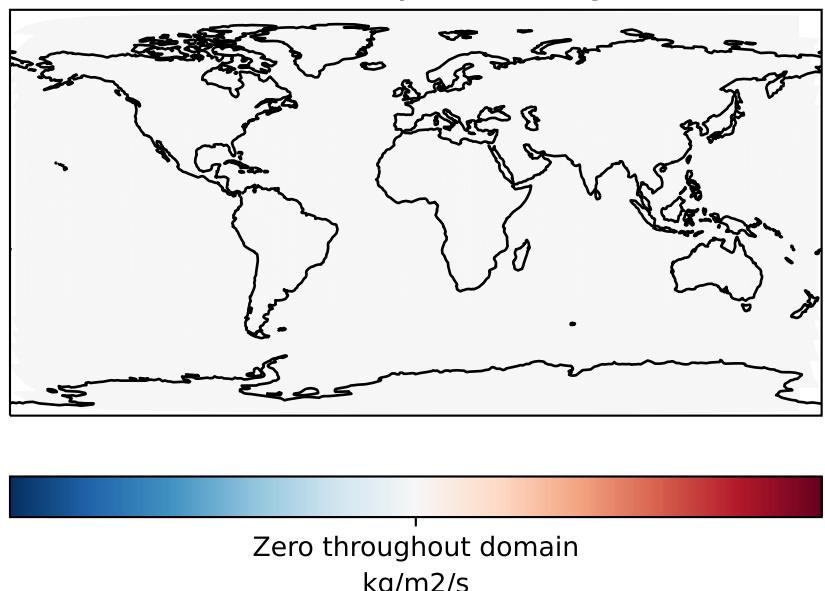
GCHP_13.2.0 (Ref)
c48



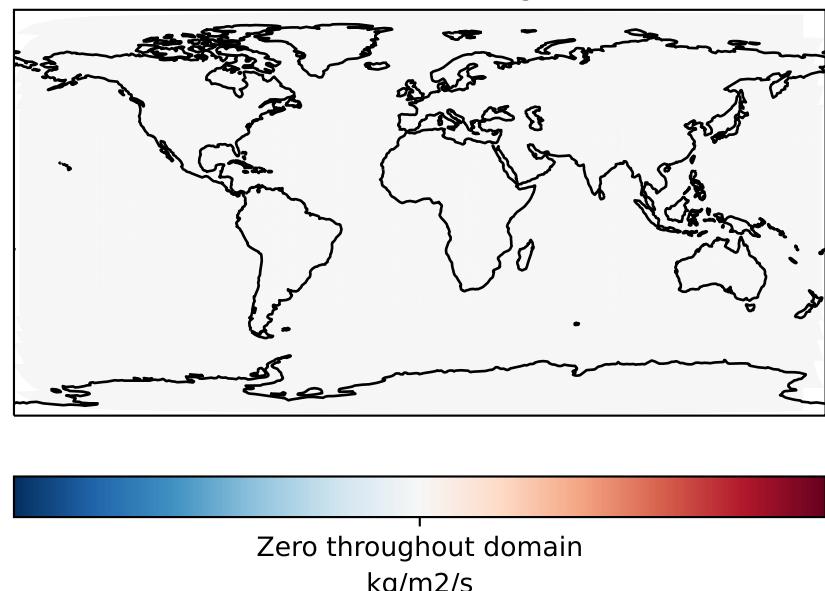
GCHP_13.2.0-LuoWetdep (Dev)
c48



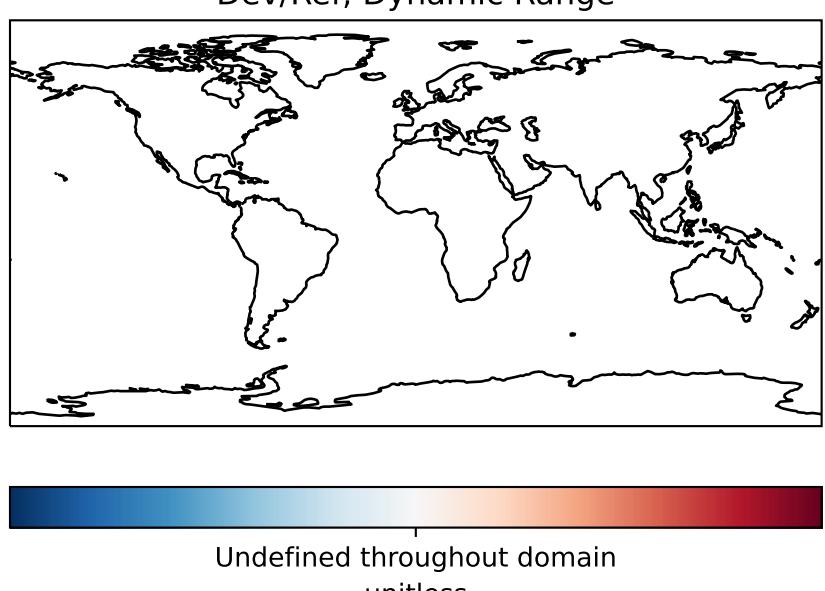
Difference
Dev - Ref, Dynamic Range



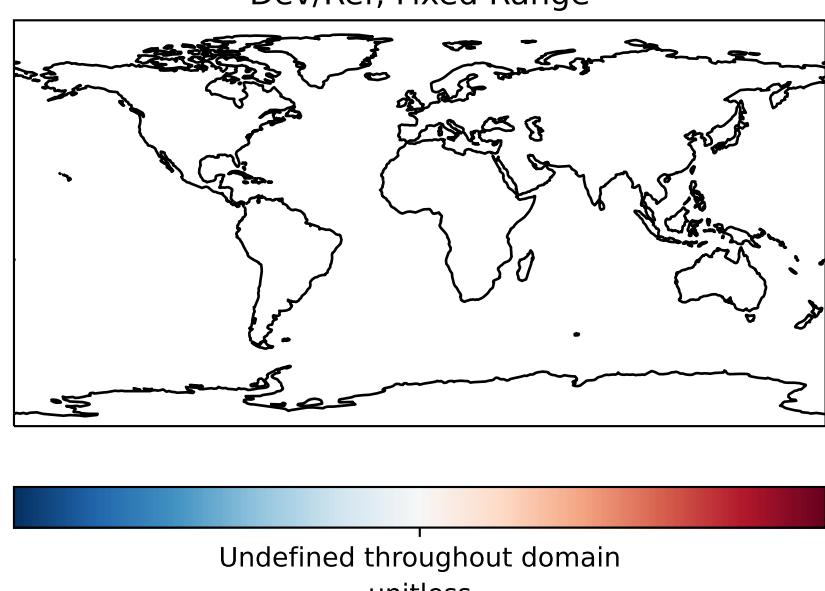
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

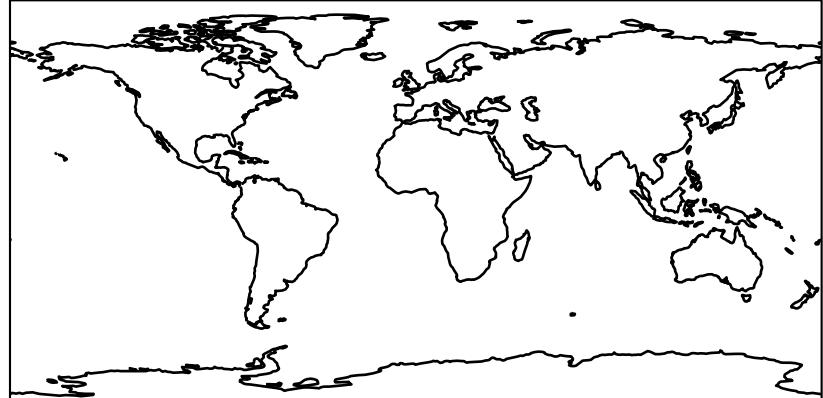


Ratio
Dev/Ref, Fixed Range



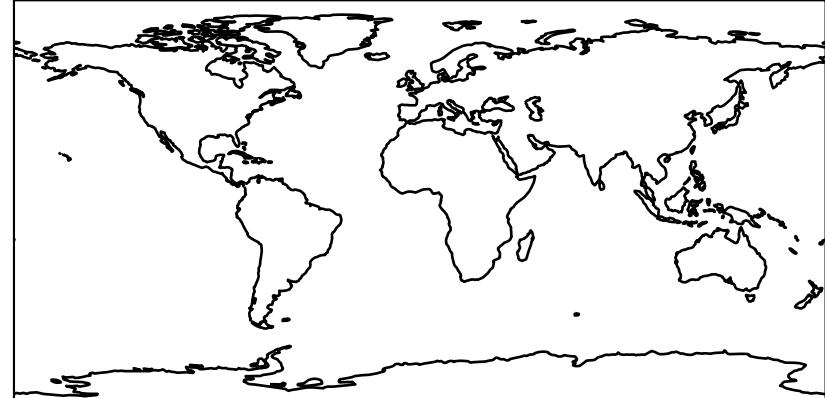
EmisGLYC_Anthro (AnnualMean)

GCHP_13.2.0 (Ref)
c48



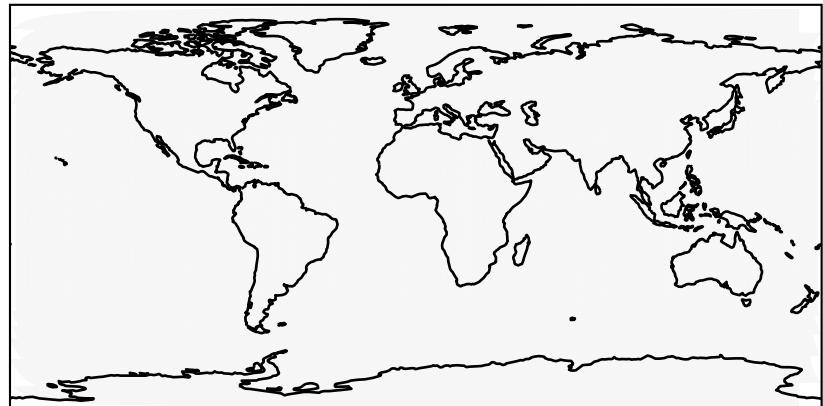
Zero throughout domain
kg/m²/s

GCHP_13.2.0-LuoWetdep (Dev)
c48



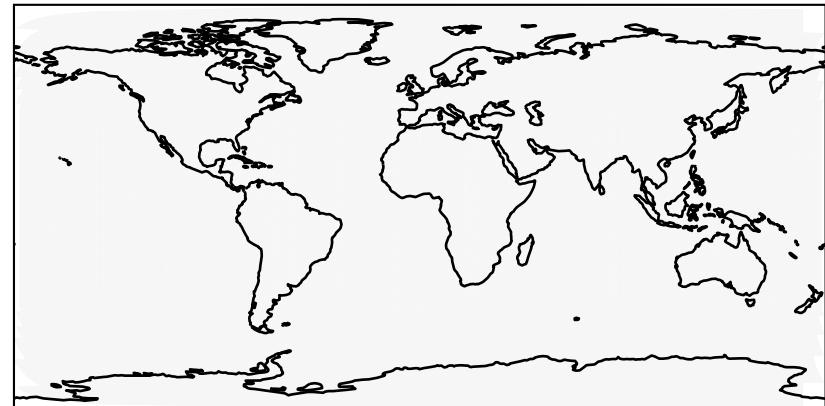
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kg/m²/s

Difference
Dev - Ref, Dynamic Range



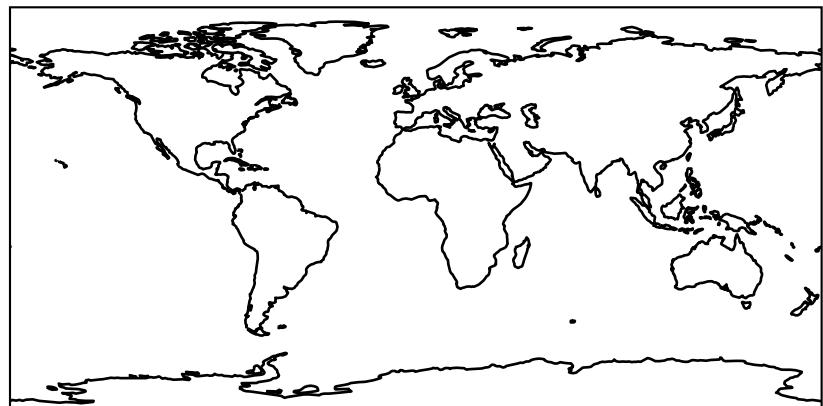
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kg/m²/s

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



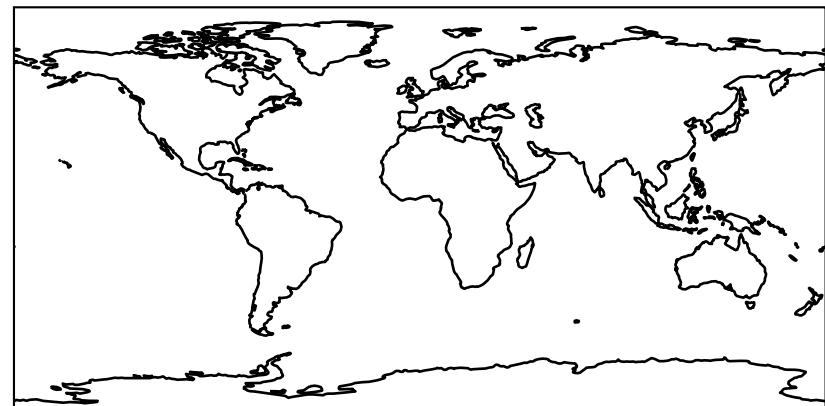
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kg/m²/s

Ratio
Dev/Ref, Dynamic Range



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unitless

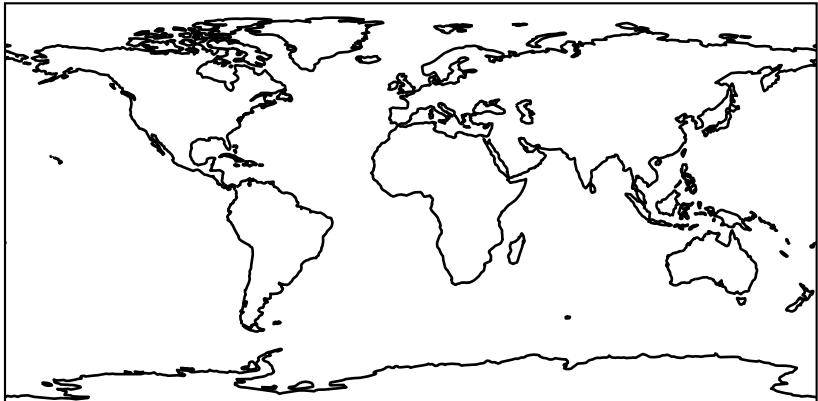
Ratio
Dev/Ref, Fixed Range



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EmisGLYC_Total (AnnualMean)

GCHP_13.2.0 (Ref)
c48



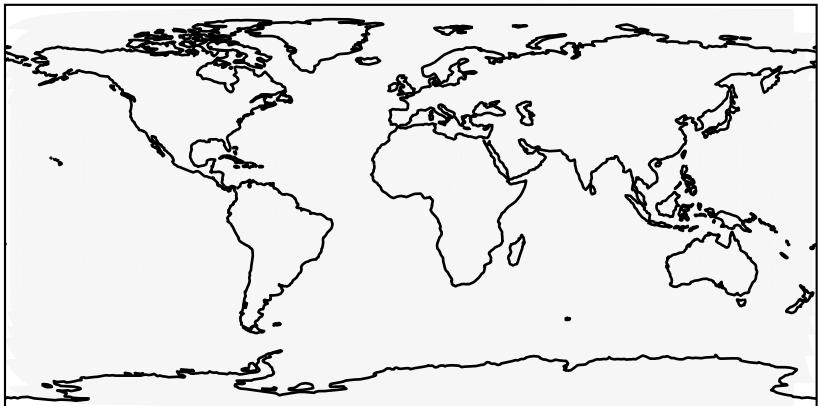
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kg/m²/s

GCHP_13.2.0-LuoWetdep (Dev)
c48



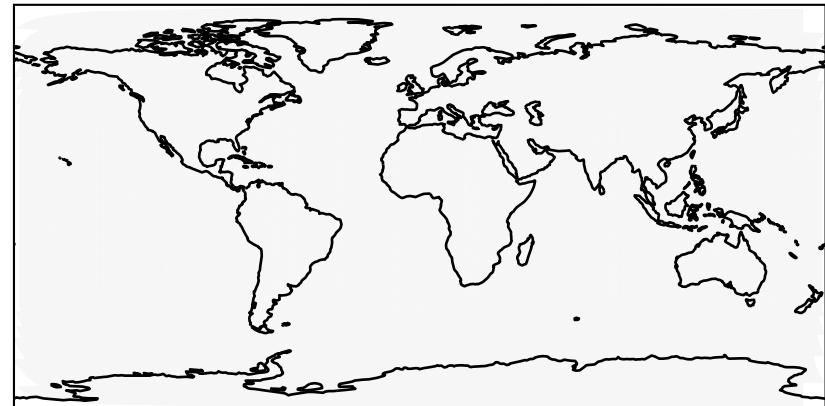
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kg/m²/s

Difference
Dev - Ref, Dynamic Range



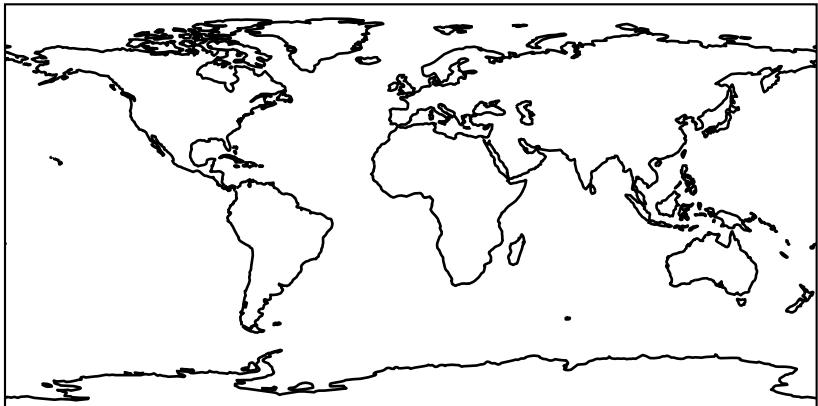
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kg/m²/s

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



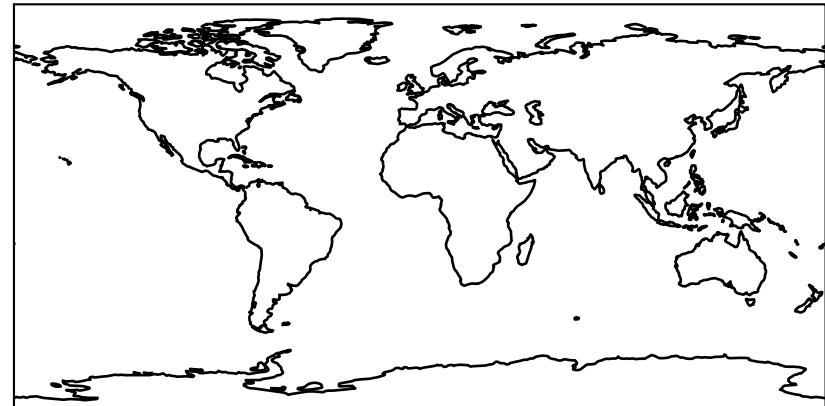
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kg/m²/s

Ratio
Dev/Ref, Dynamic Range



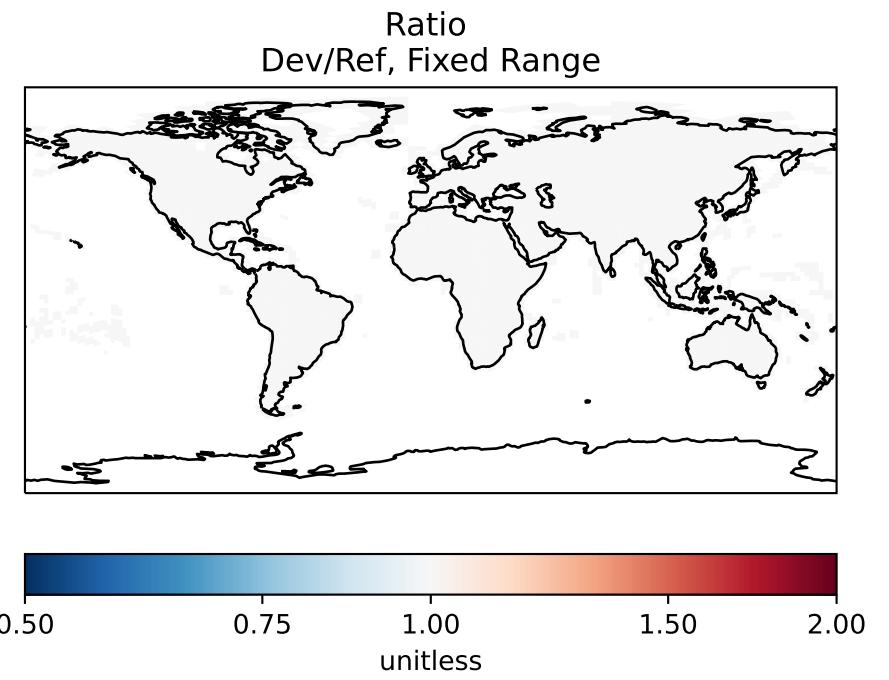
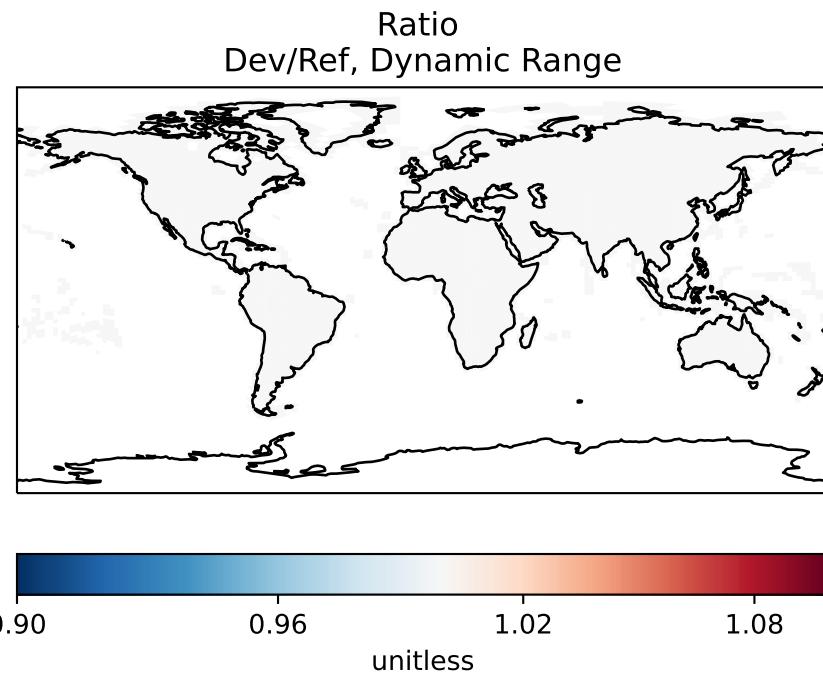
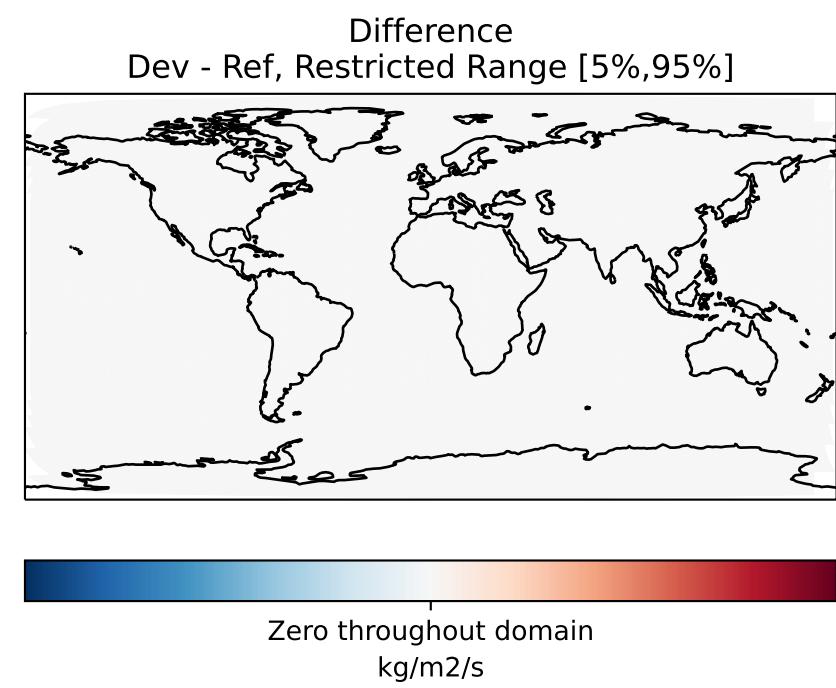
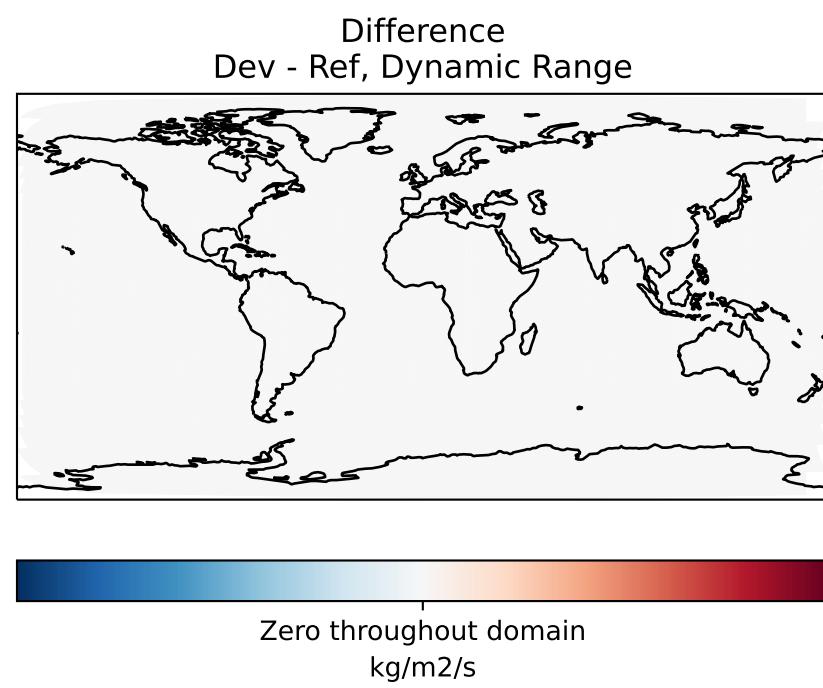
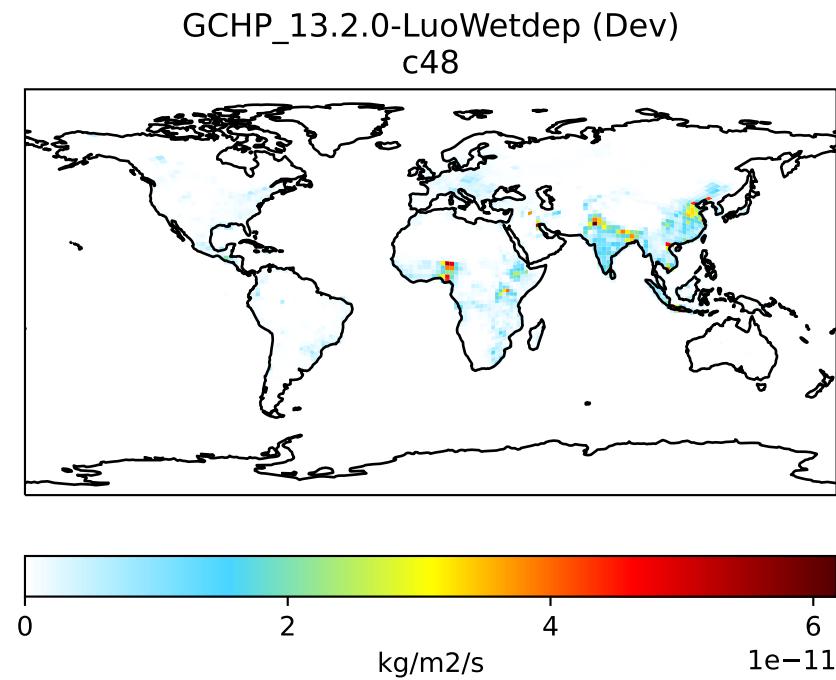
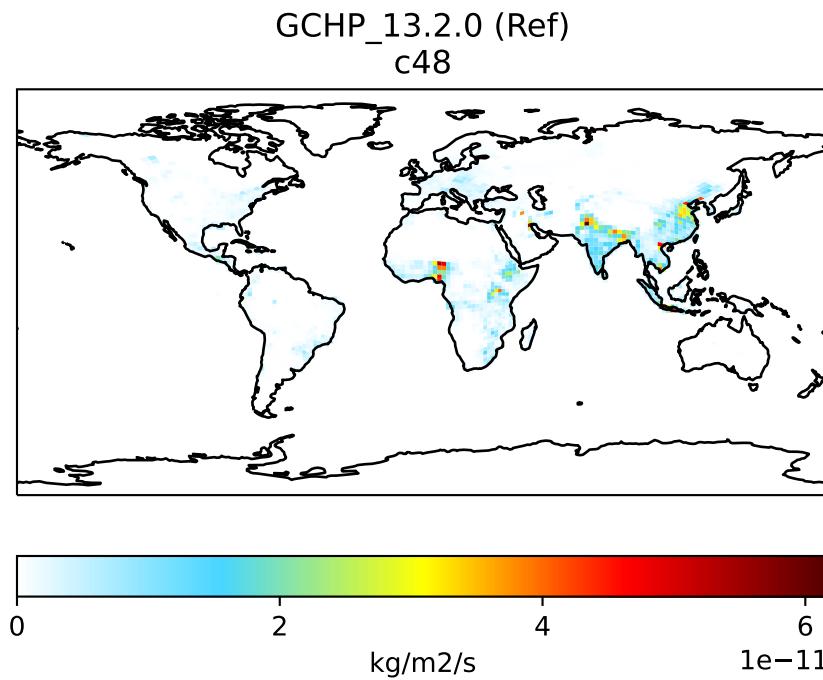
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Ratio
Dev/Ref, Fixed Range



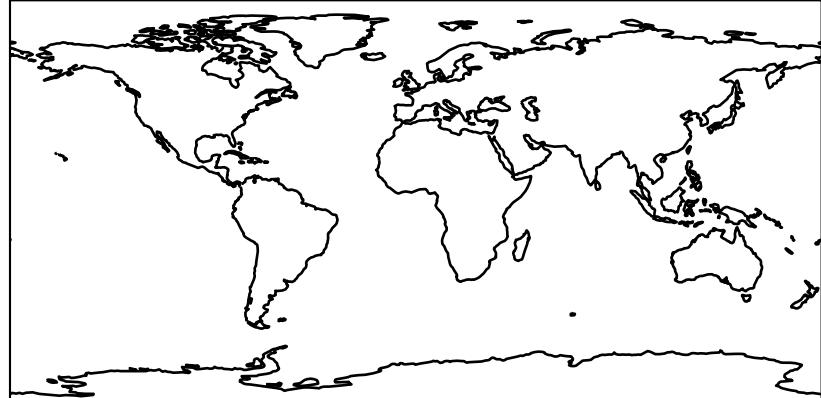
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EmisHCOOH_Anthro (AnnualMean)



EmisHCOOH_Ship (AnnualMean)

GCHP_13.2.0 (Ref)
c48



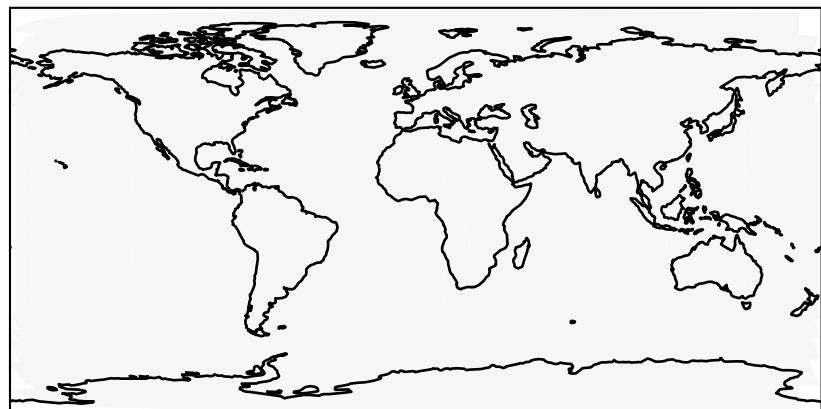
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kg/m²/s

GCHP_13.2.0-LuoWetdep (Dev)
c48



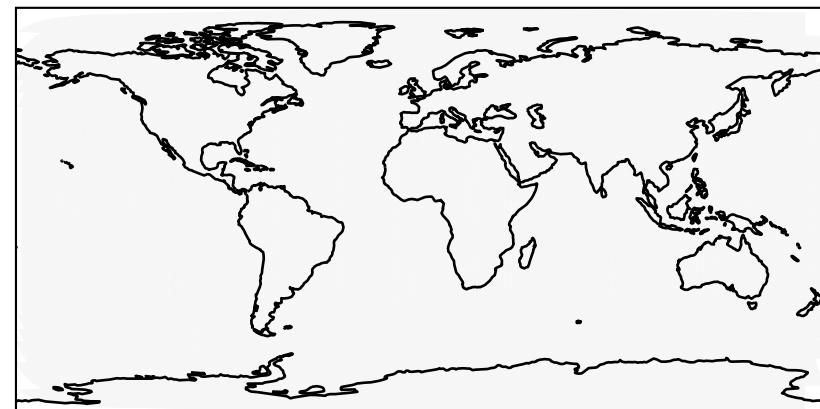
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



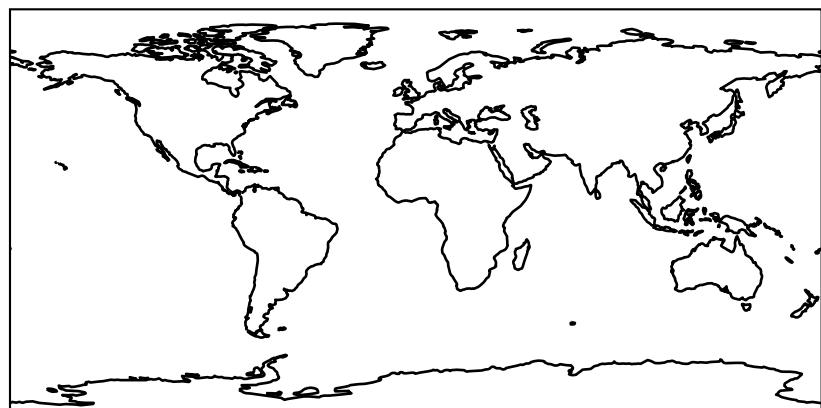
Zero throughout domain
kg/m²/s

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



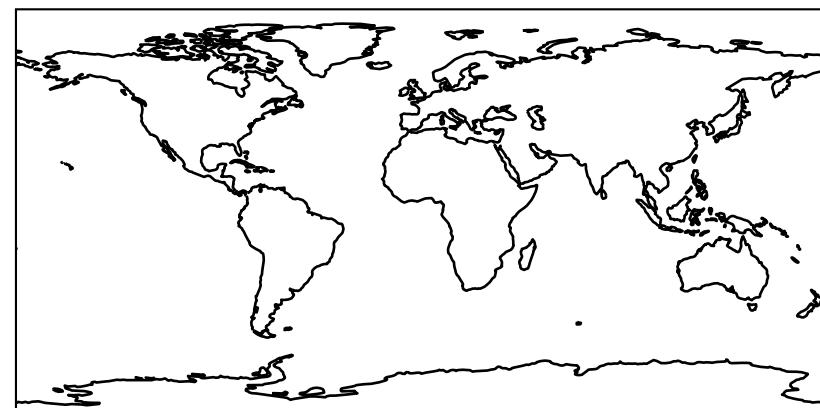
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



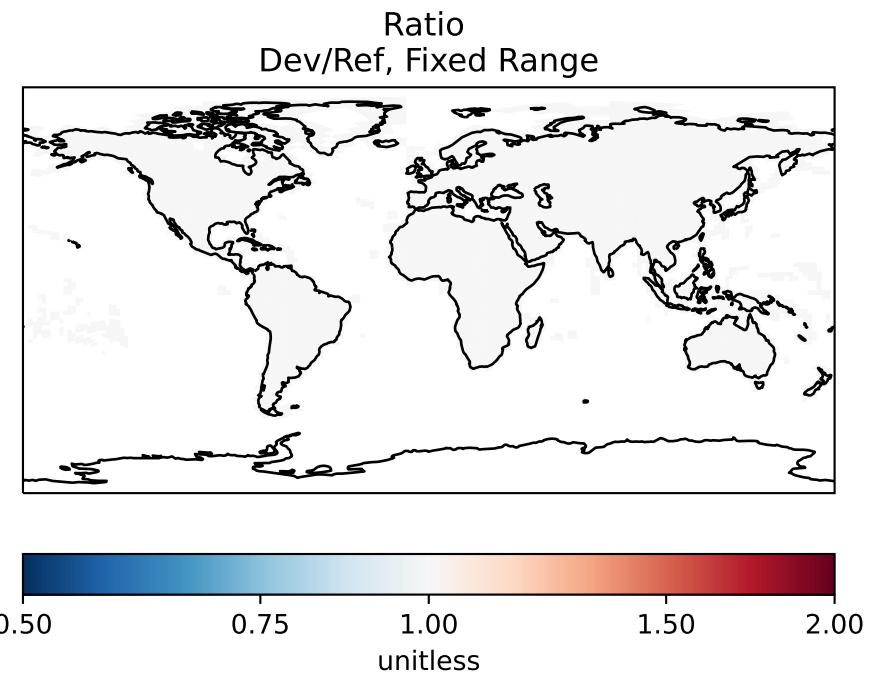
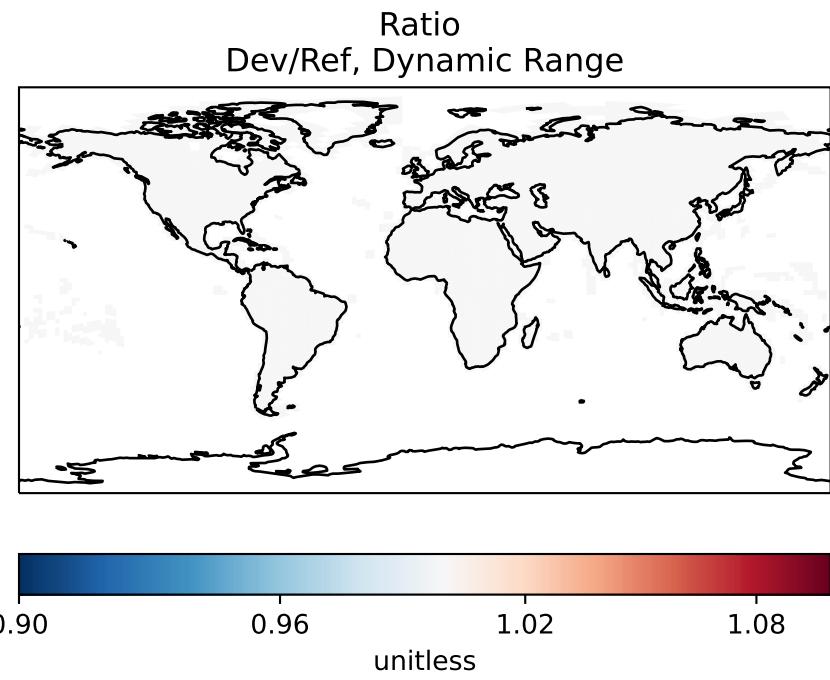
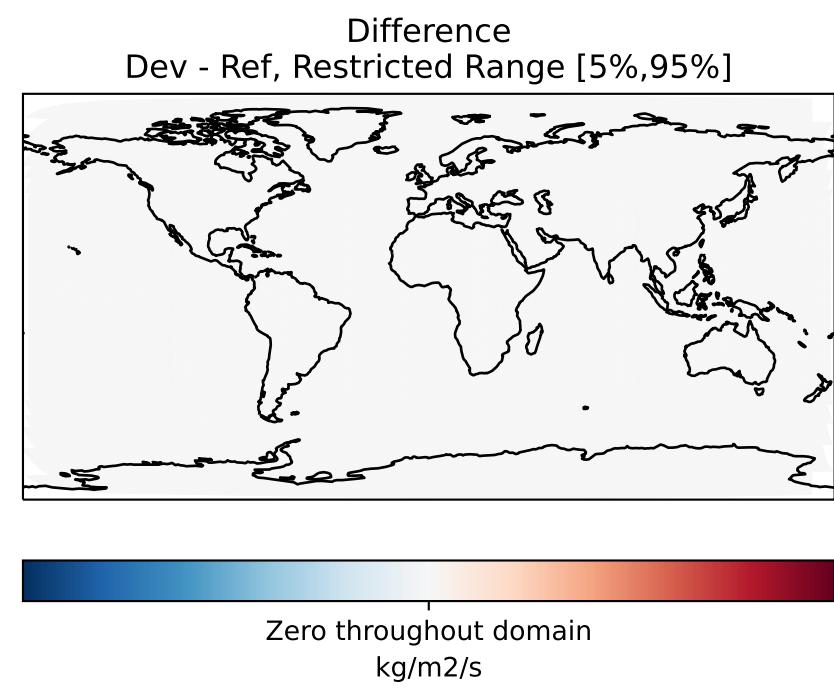
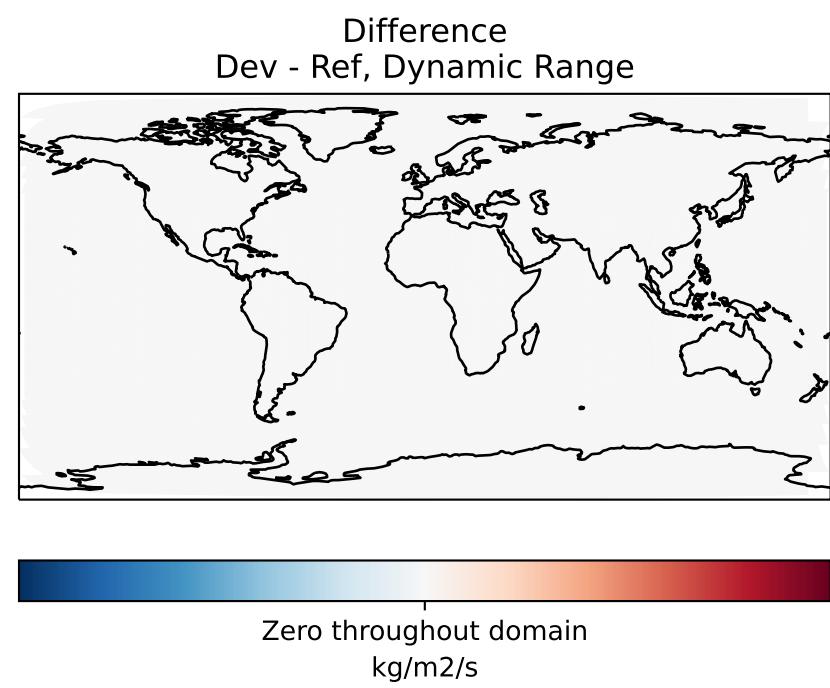
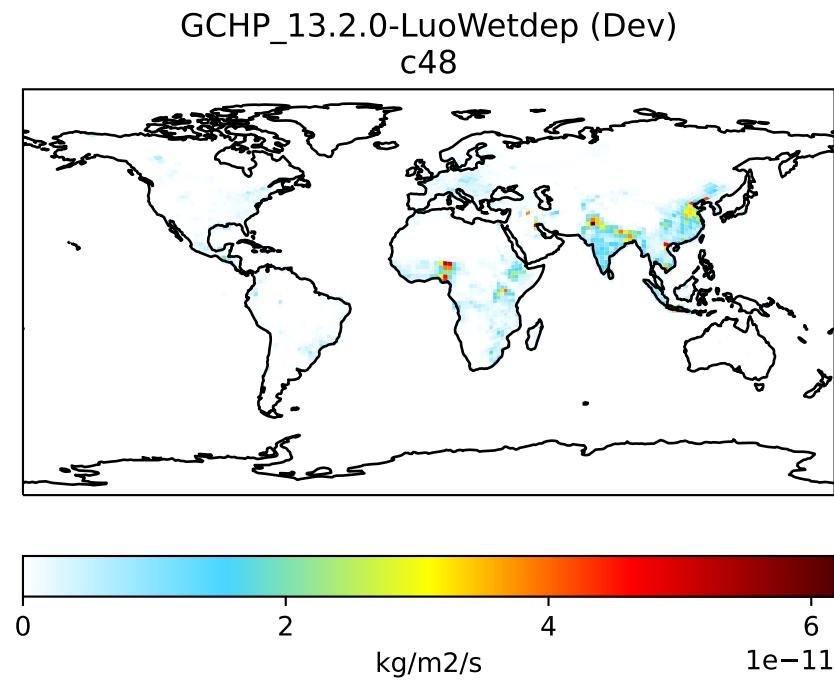
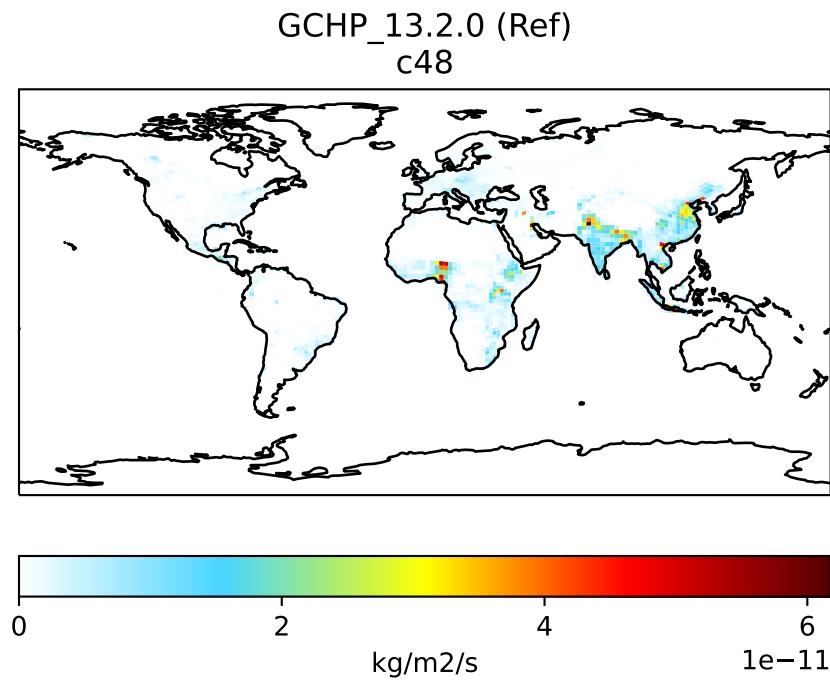
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Ratio
Dev/Ref, Fixed Range

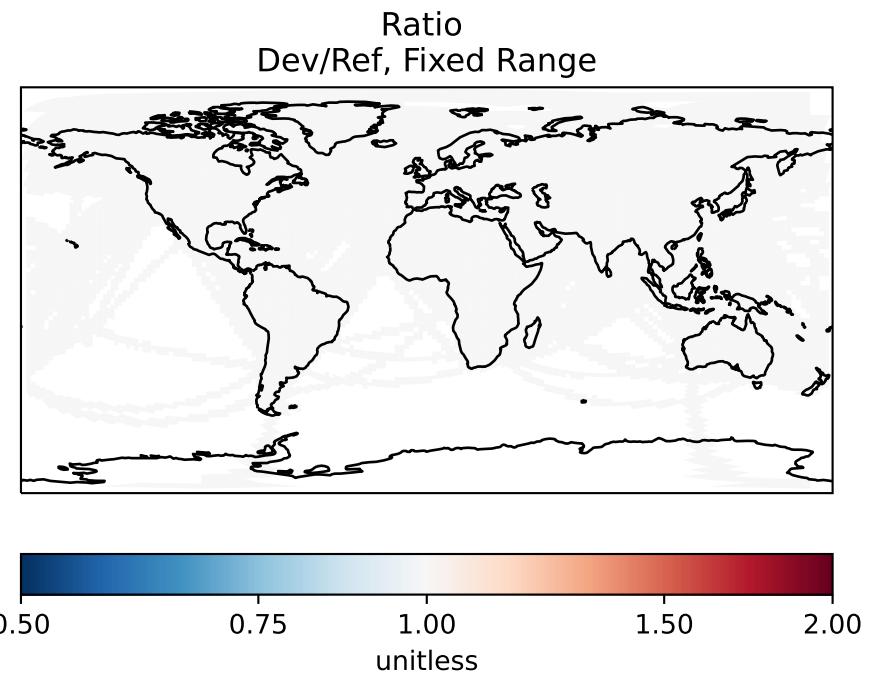
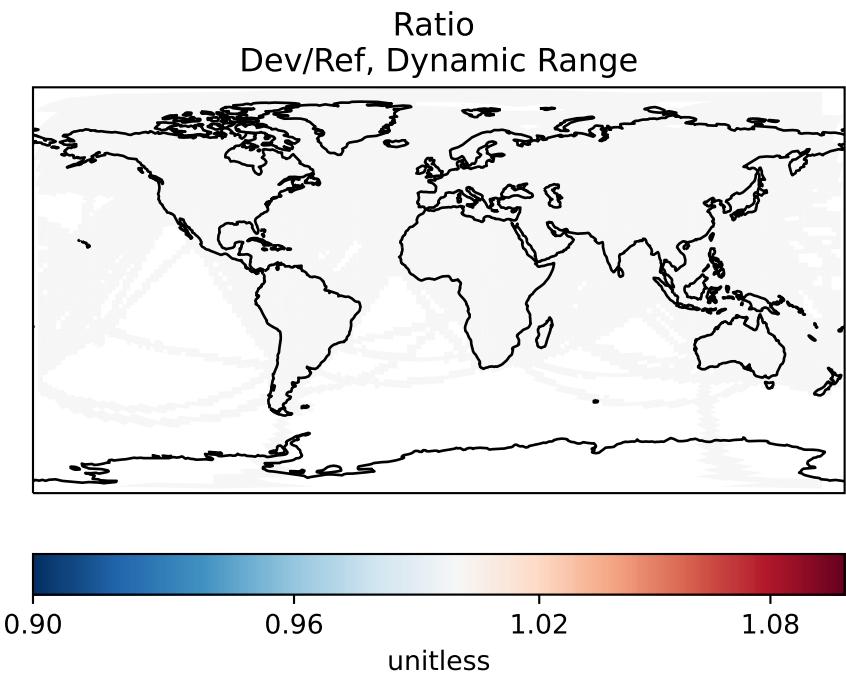
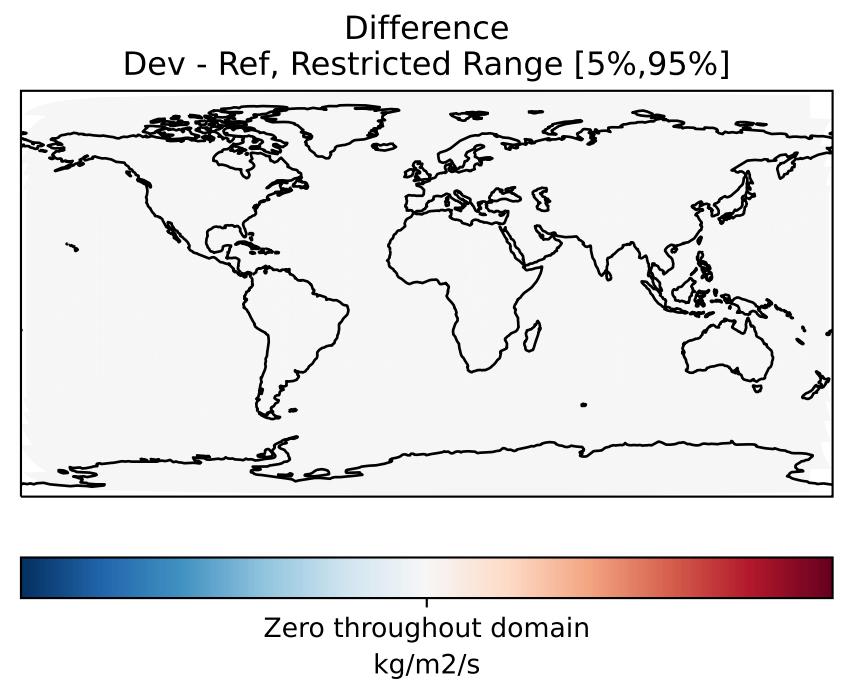
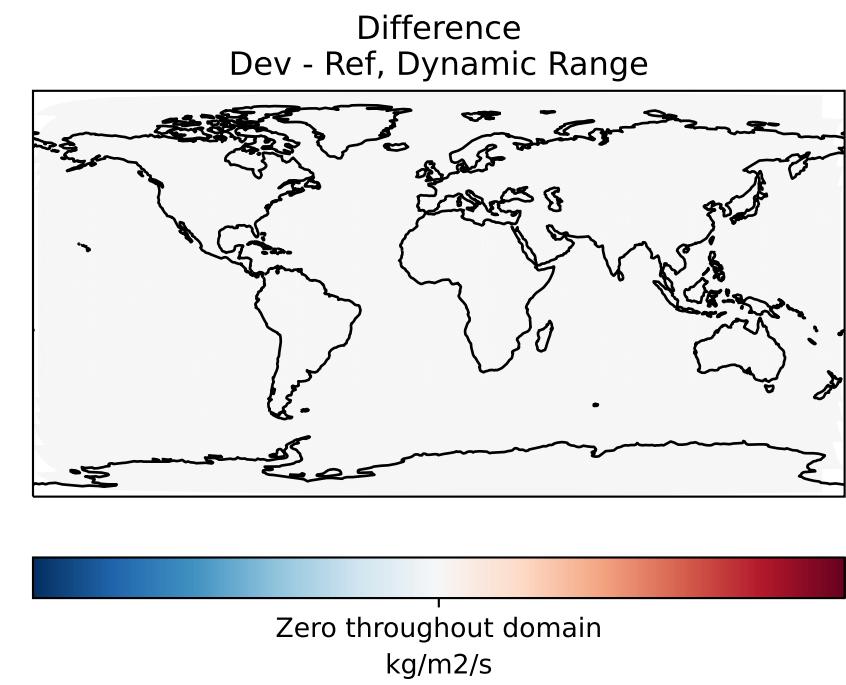
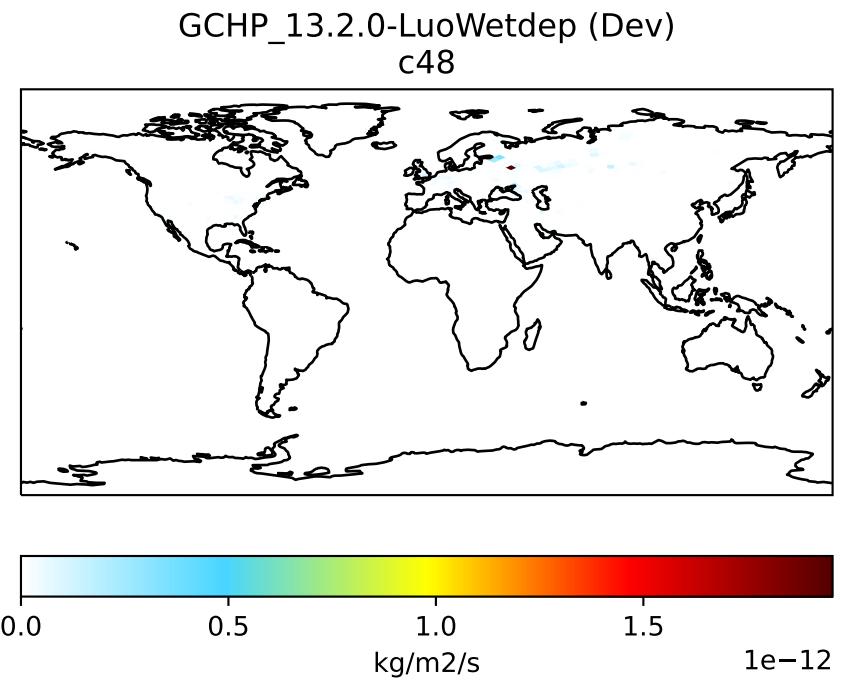
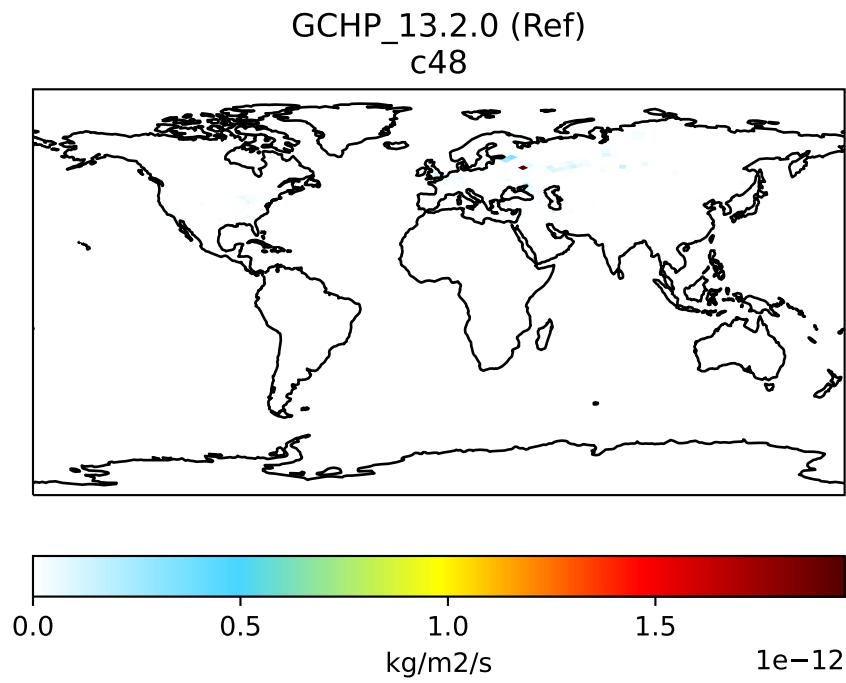


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unitless

EmisHCOOH_Total (AnnualMean)

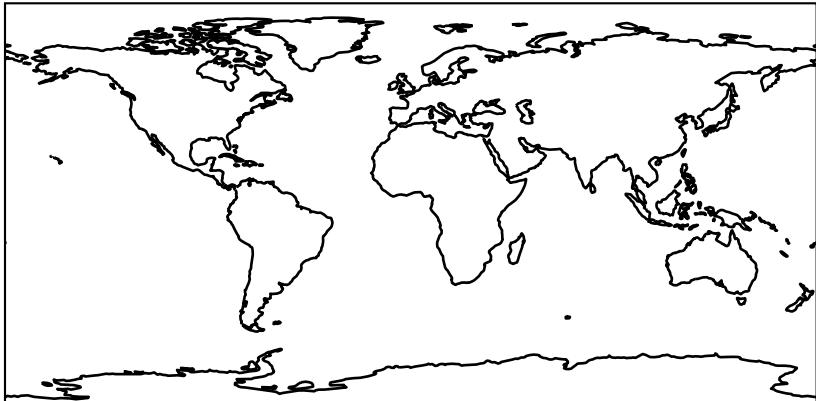


EmisRCHO_Aircraft (AnnualMean)



EmisRCHO_Anthro (AnnualMean)

GCHP_13.2.0 (Ref)
c48



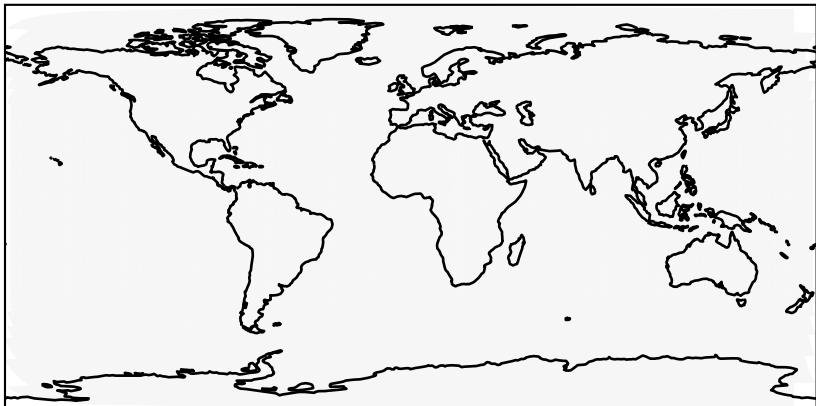
Zero throughout domain
kg/m²/s

GCHP_13.2.0-LuoWetdep (Dev)
c48



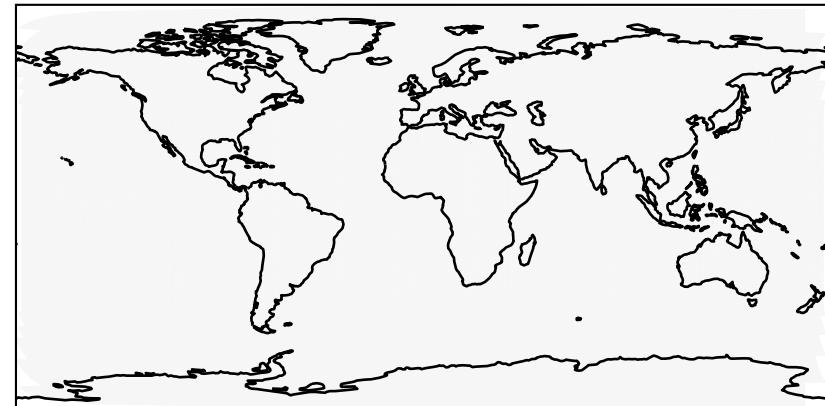
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kg/m²/s

Difference
Dev - Ref, Dynamic Range



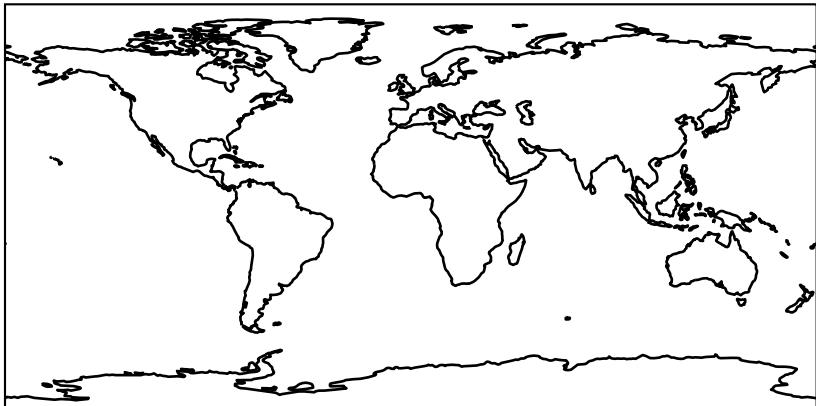
Zero throughout domain
kg/m²/s

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

EmisRCHO_Total (AnnualMean)

