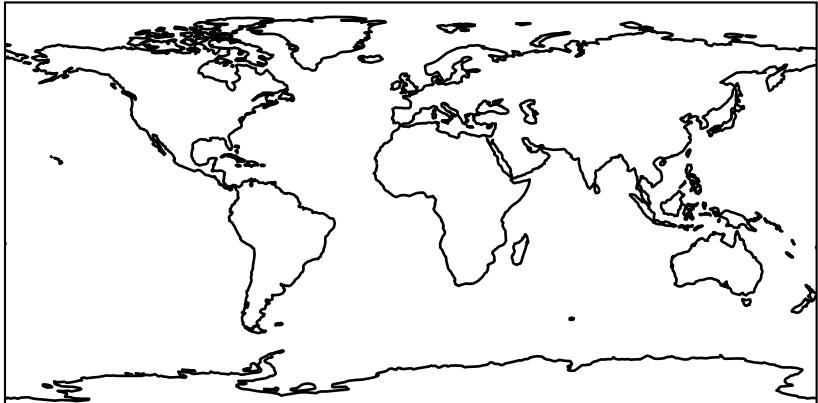


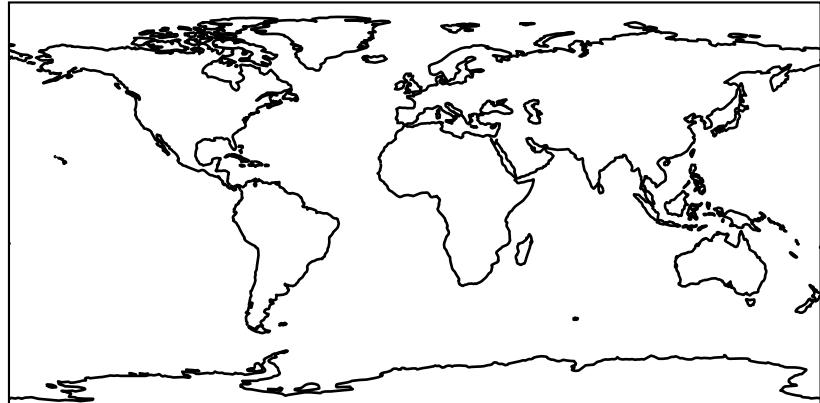
EmisALD2_Ship

GCC_13.2.0-beta.0 (Ref)
4.0x5.0



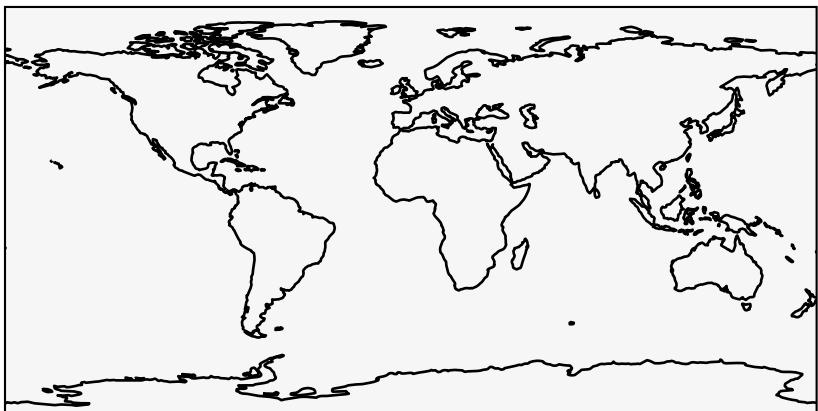
Zero throughout domain
kg/m²/s

GCC_13.3.0-rc.0 (Dev)
4.0x5.0



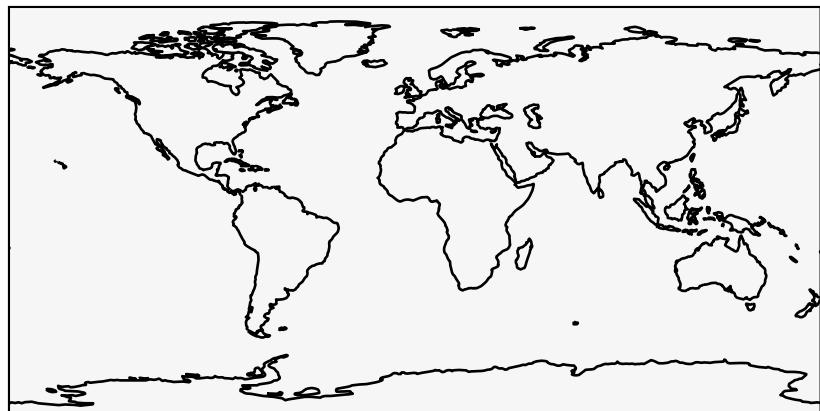
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



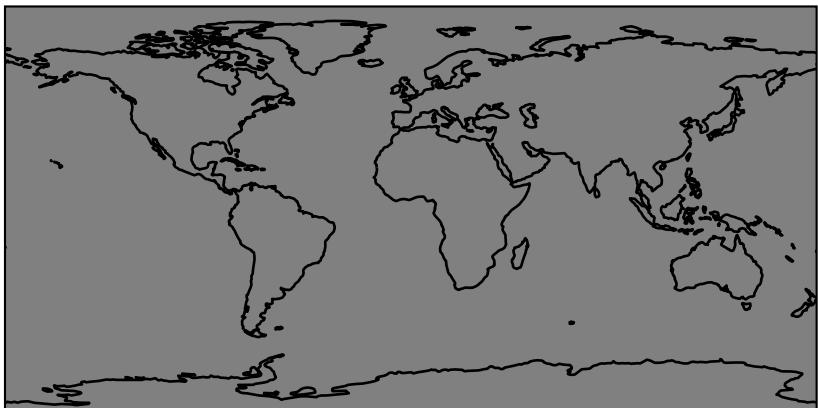
Zero throughout domain
kg/m²/s

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



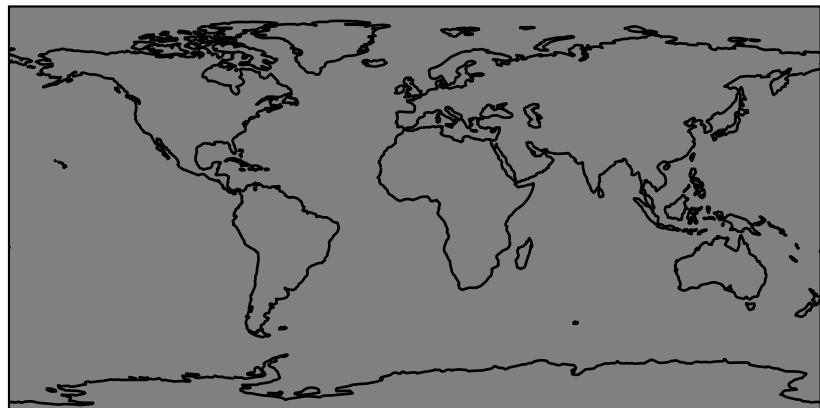
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

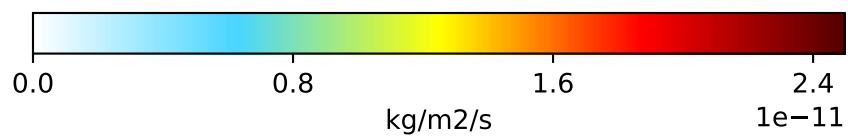
Ratio
Dev/Ref, Fixed Range



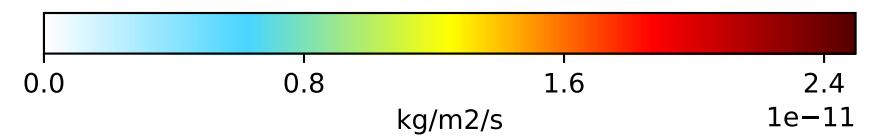
Undefined throughout domain
unitless

EmisALK4_Ship

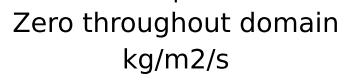
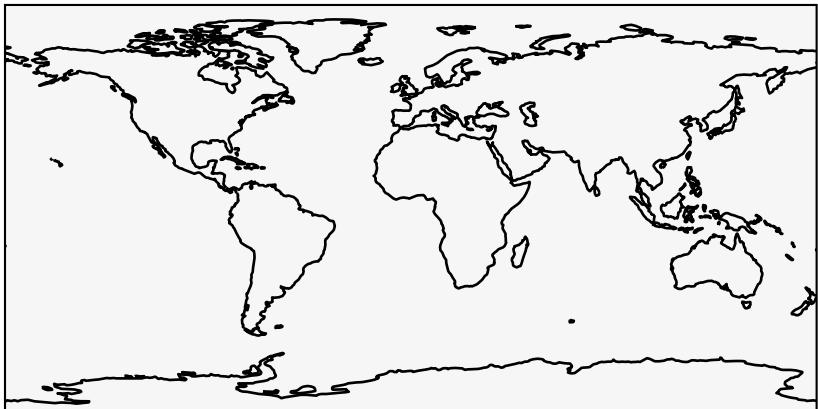
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



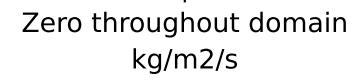
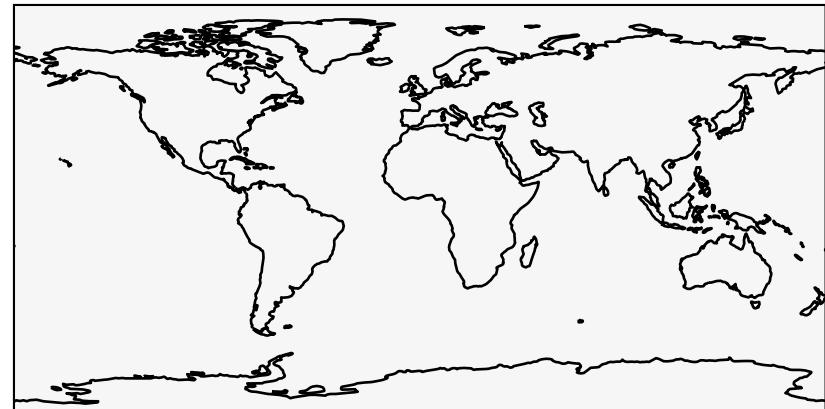
GCC_13.3.0-rc.0 (Dev)
4.0x5.0



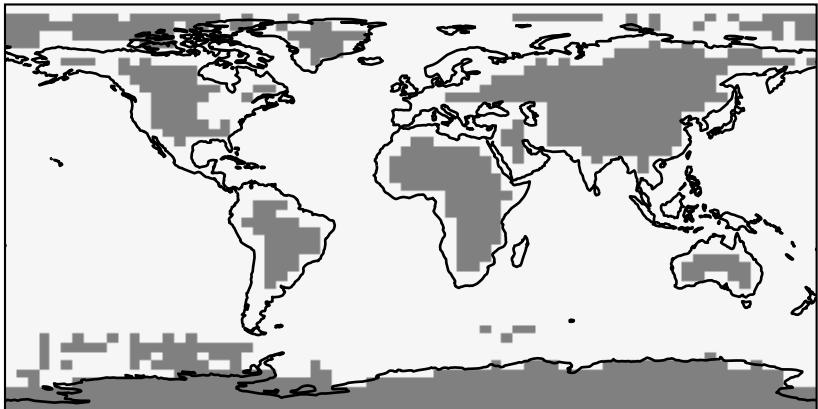
Difference
Dev - Ref, Dynamic Range



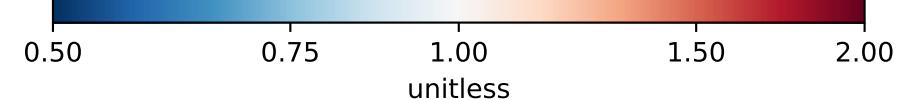
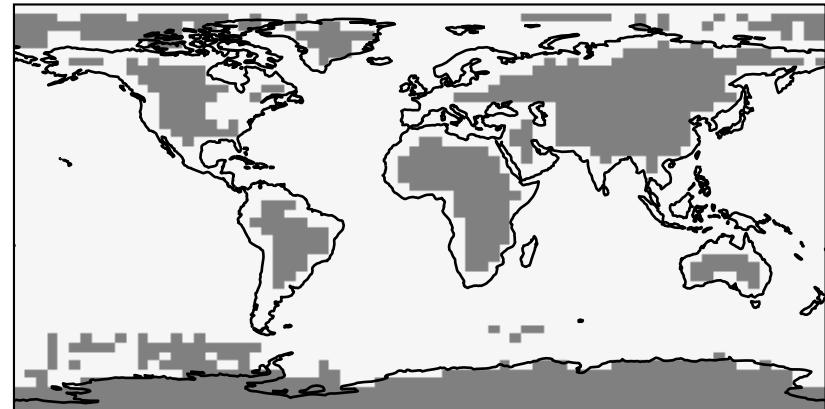
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

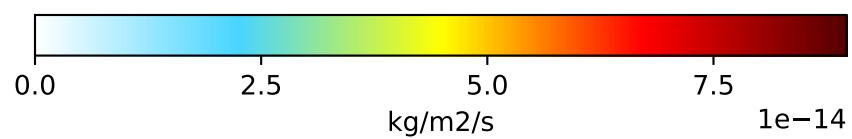
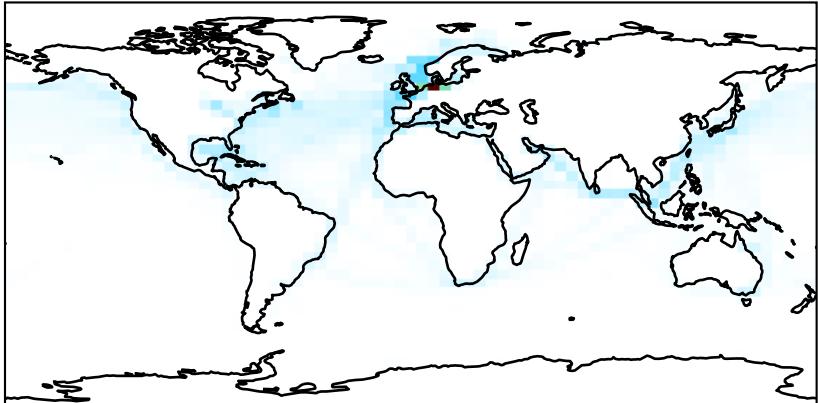


Ratio
Dev/Ref, Fixed Range

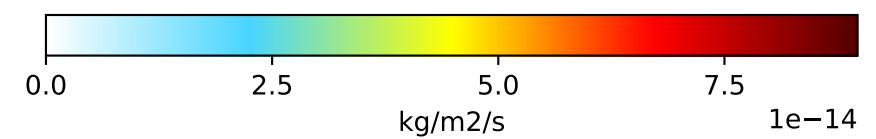
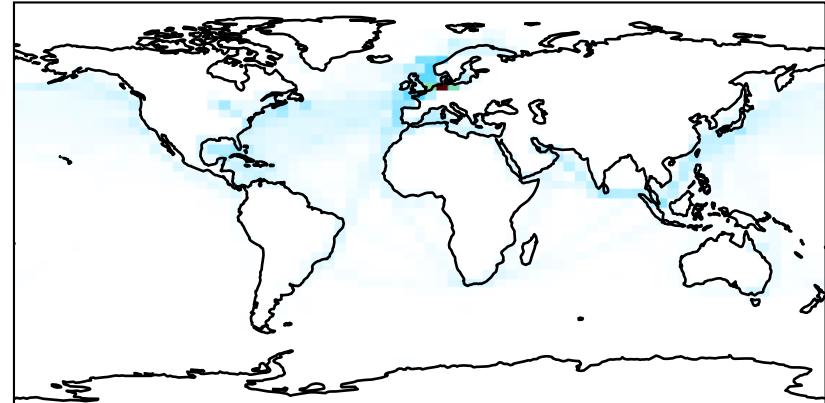


EmisBCPI_Ship

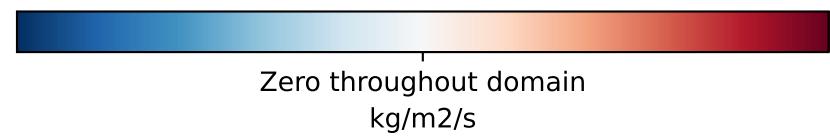
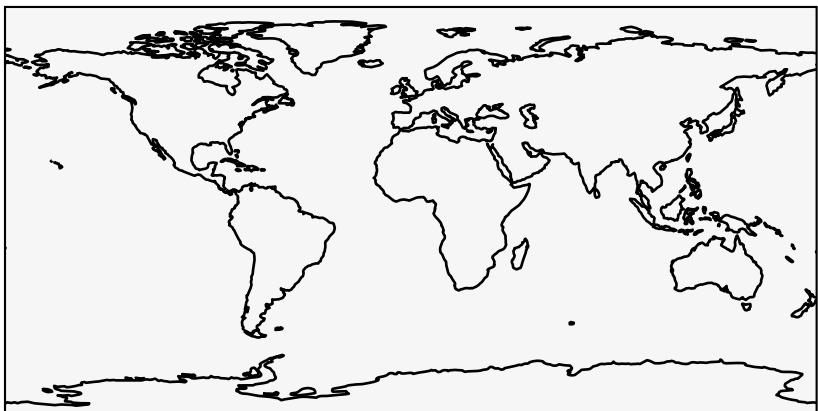
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



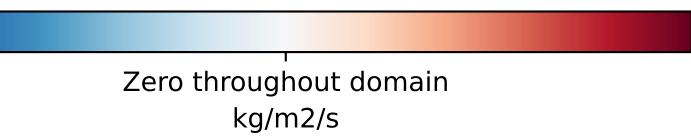
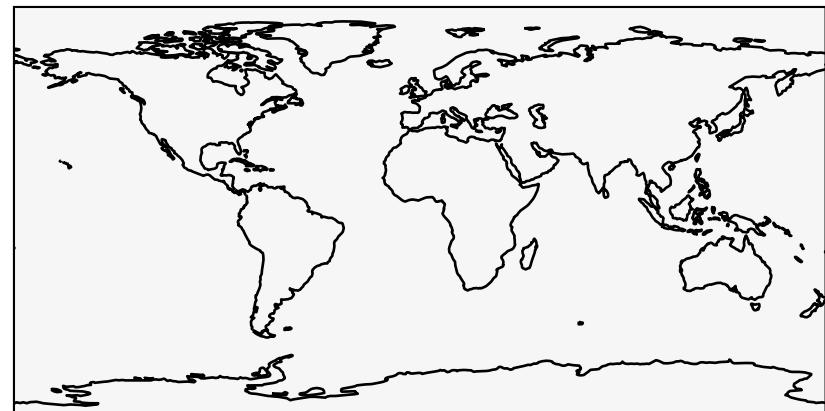
GCC_13.3.0-rc.0 (Dev)
4.0x5.0



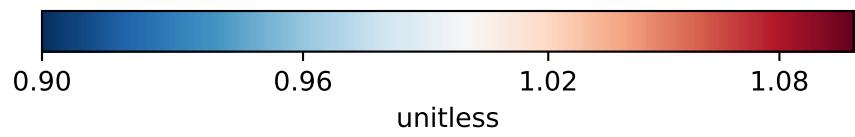
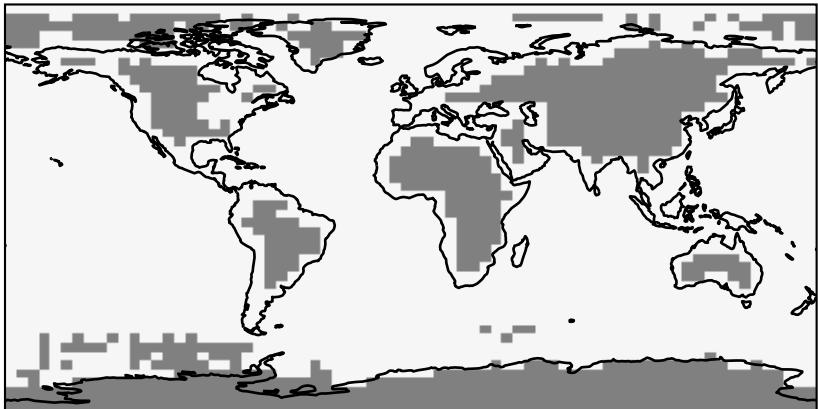
Difference
Dev - Ref, Dynamic Range



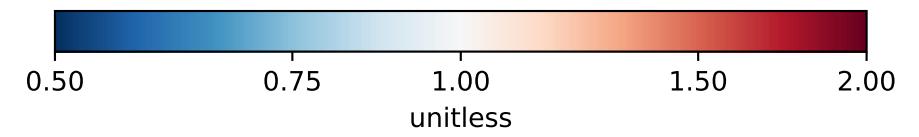
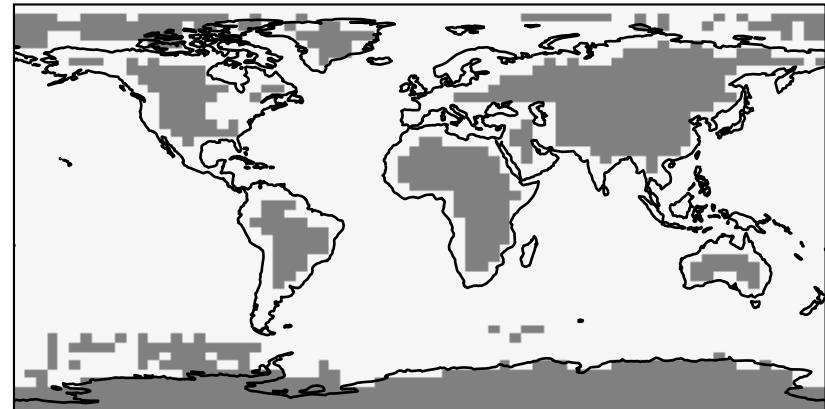
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

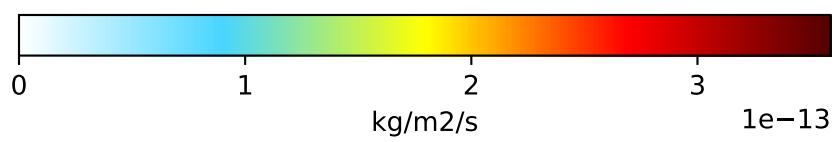
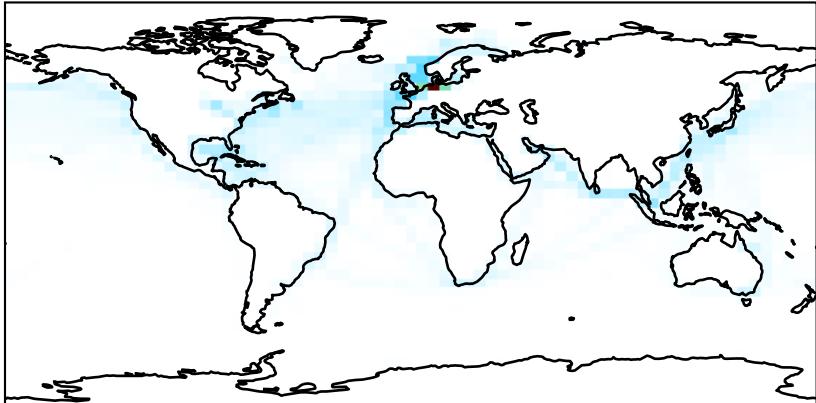


Ratio
Dev/Ref, Fixed Range

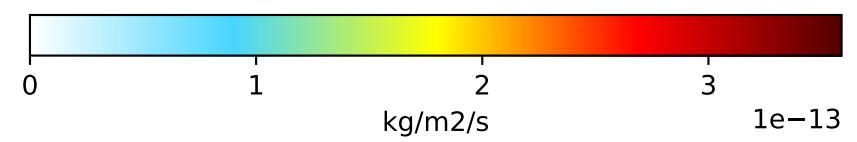
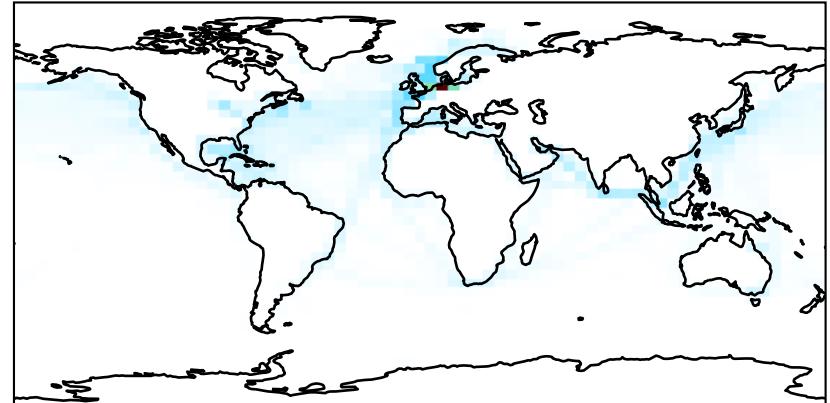


EmisBCPO_Ship

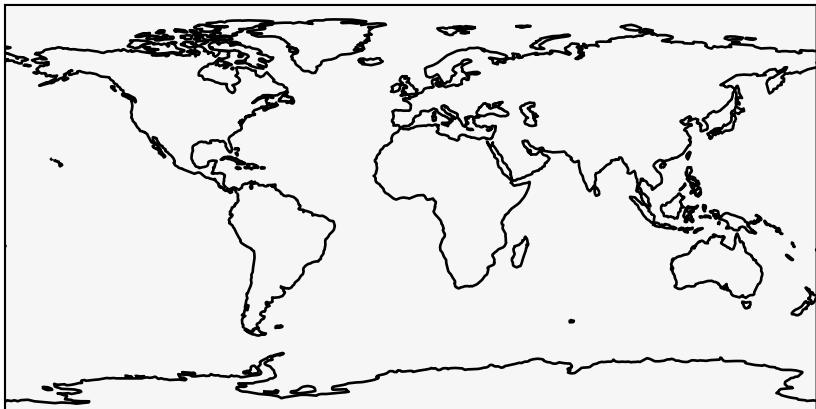
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



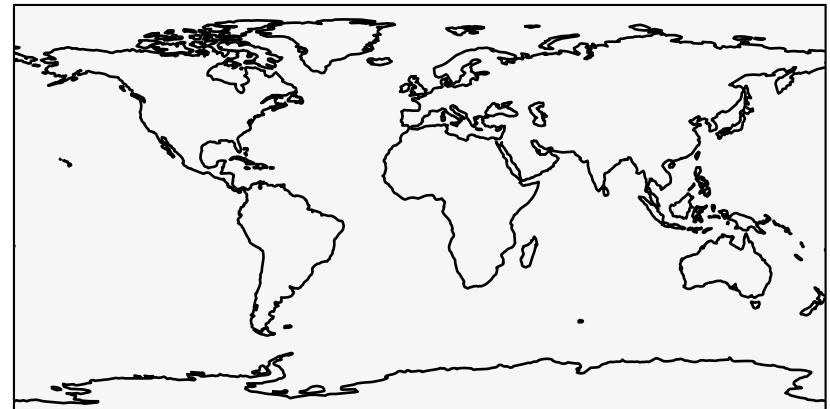
GCC_13.3.0-rc.0 (Dev)
4.0x5.0



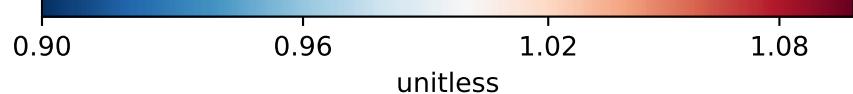
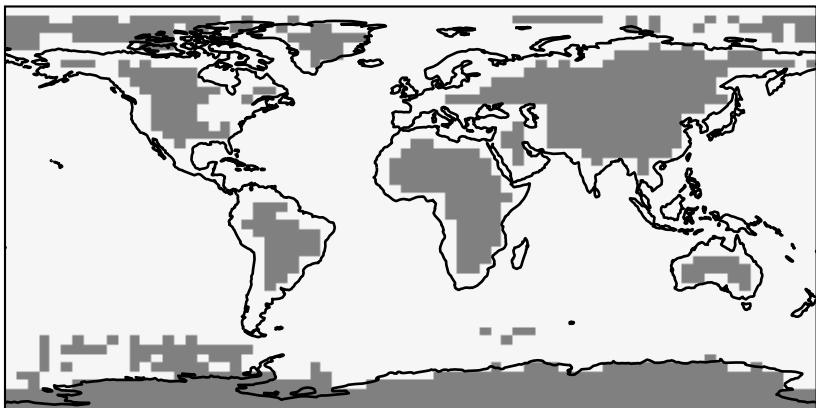
Difference
Dev - Ref, Dynamic Range



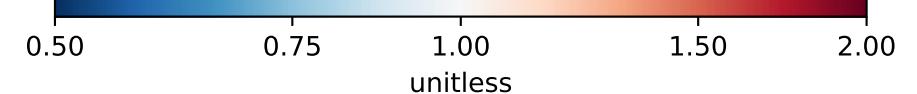
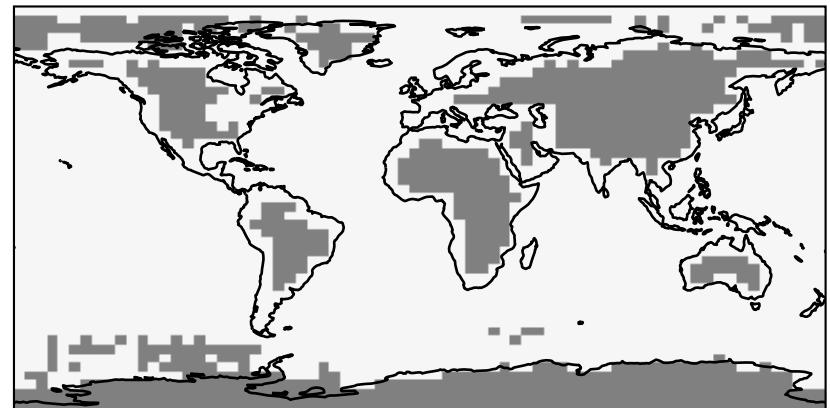
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

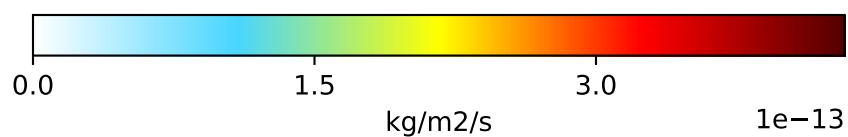
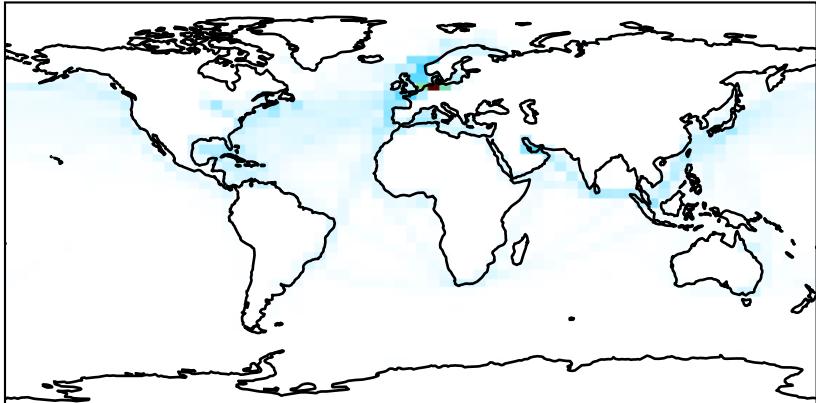


Ratio
Dev/Ref, Fixed Range

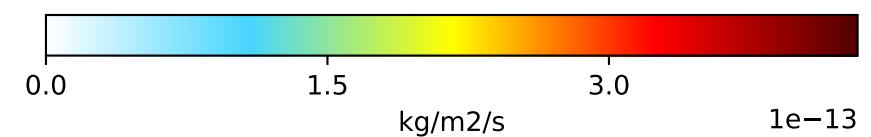
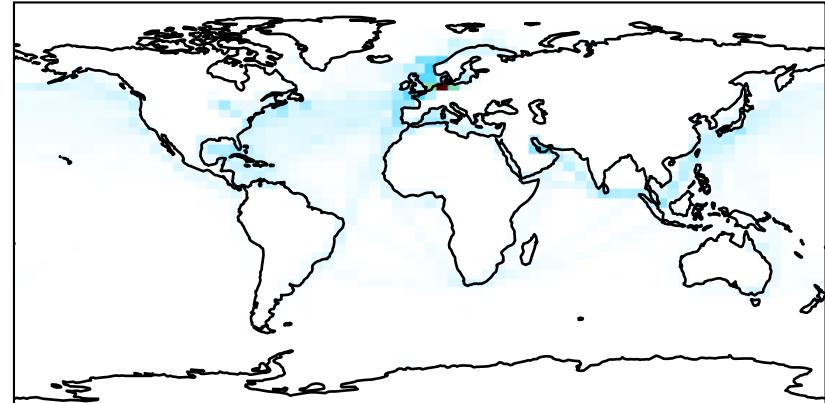


EmisBENZ_Ship

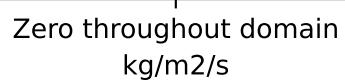
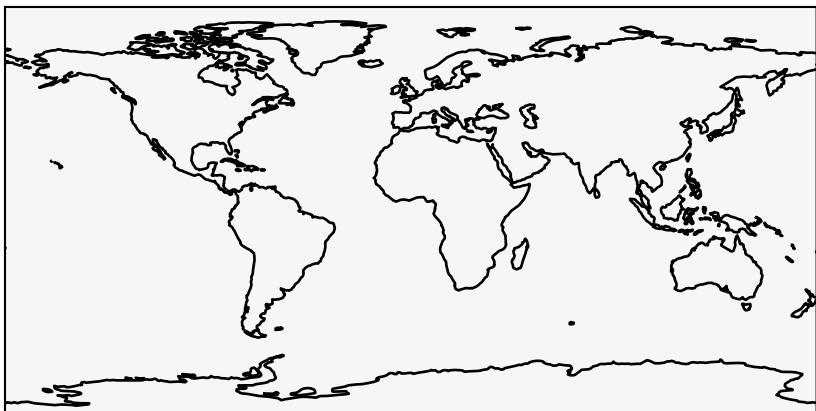
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



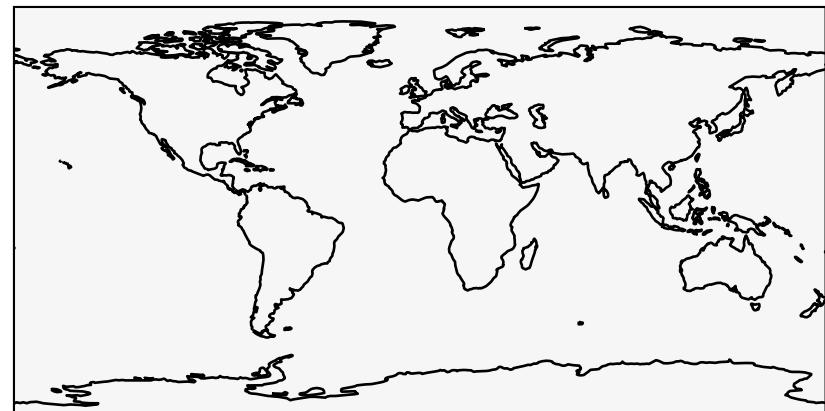
GCC_13.3.0-rc.0 (Dev)
4.0x5.0



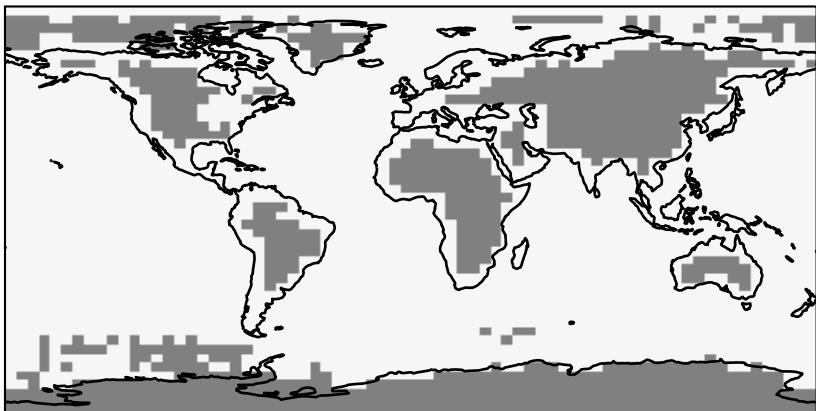
Difference
Dev - Ref, Dynamic Range



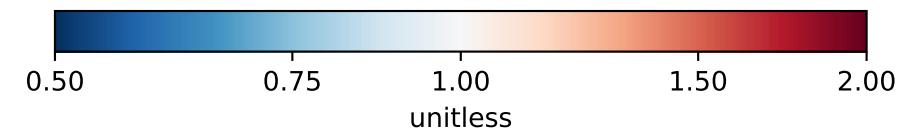
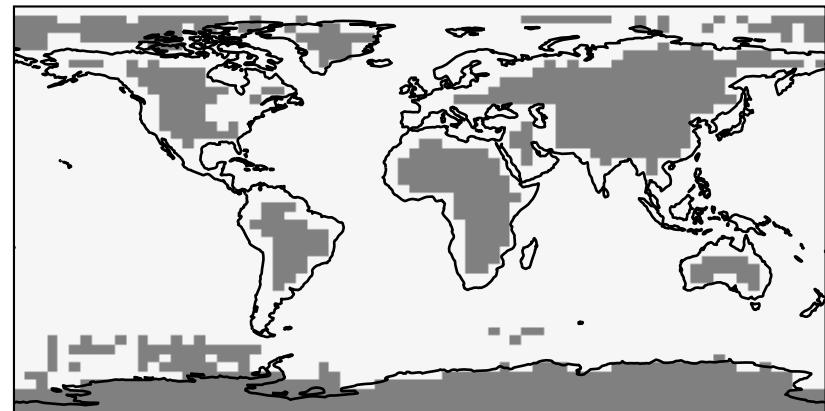
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

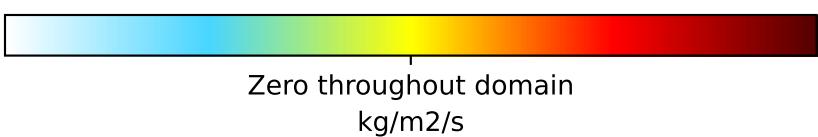
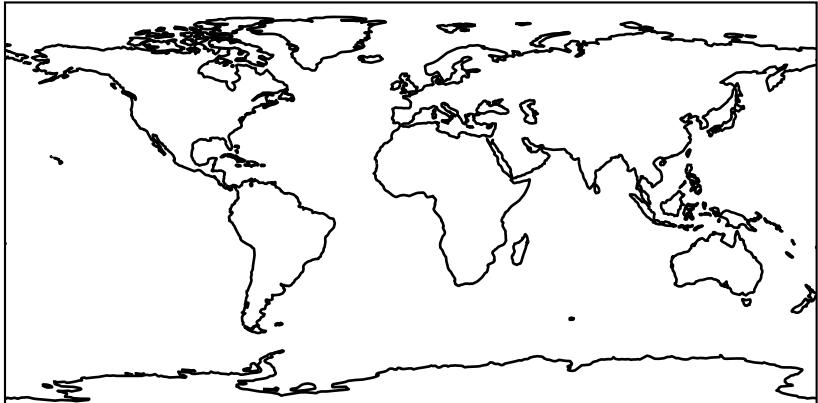


Ratio
Dev/Ref, Fixed Range

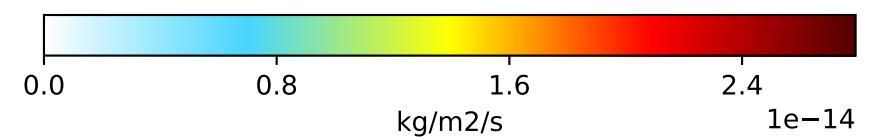
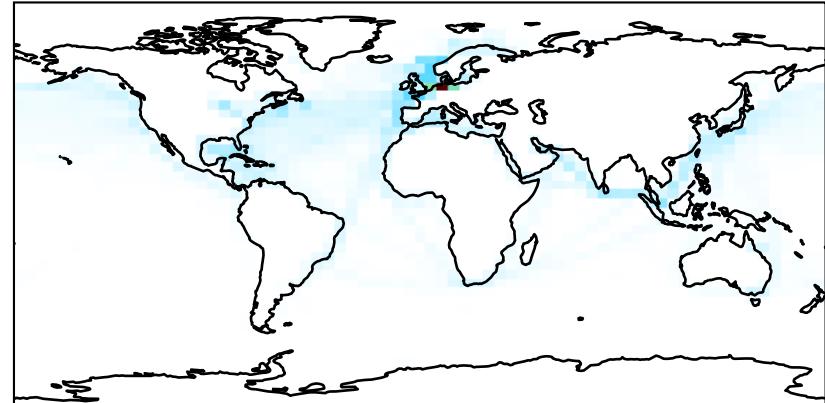


EmisC2H2_Ship

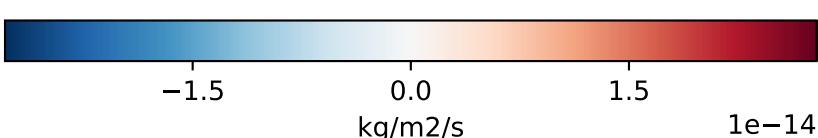
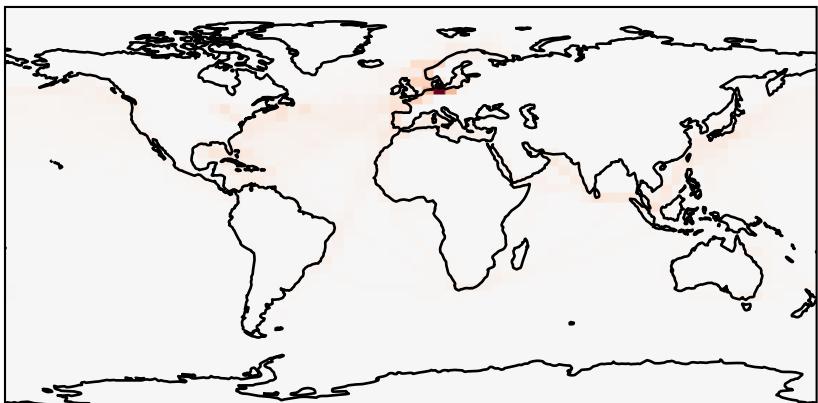
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



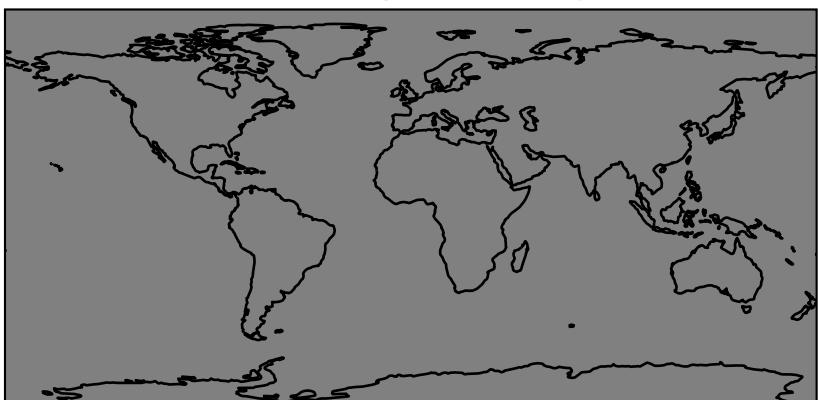
GCC_13.3.0-rc.0 (Dev)
4.0x5.0



Difference
Dev - Ref, Dynamic Range

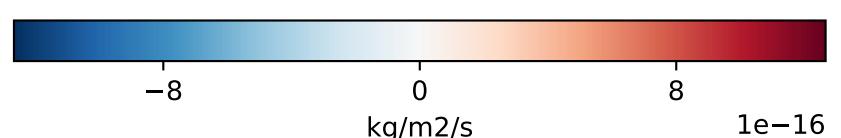
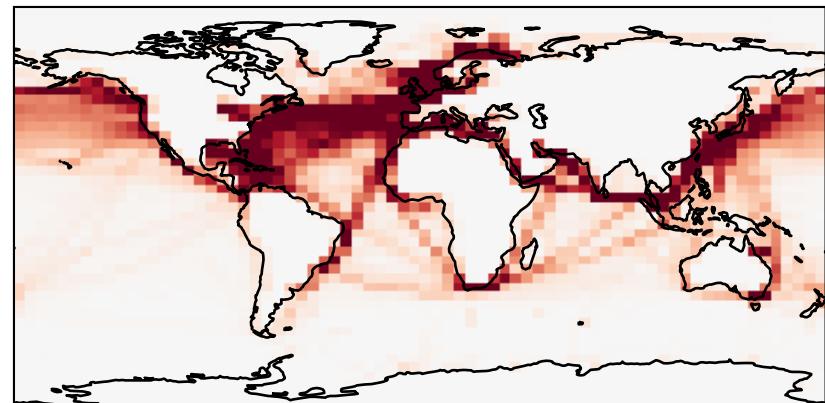


Ratio
Dev/Ref, Dynamic Range

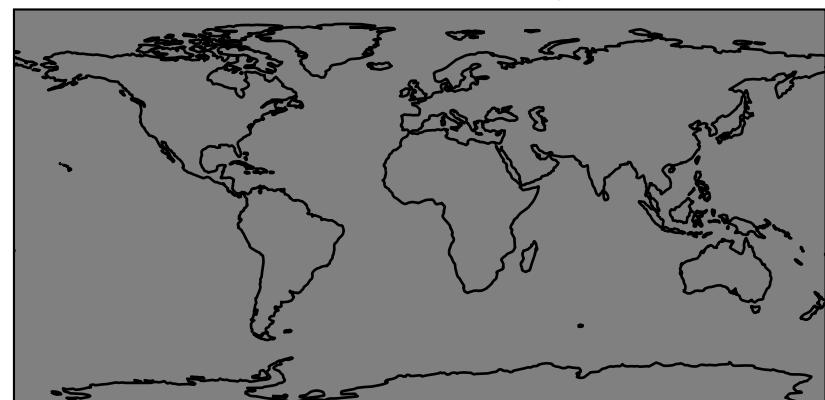


Undefined throughout domain
unitless

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



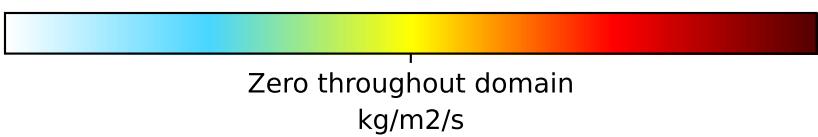
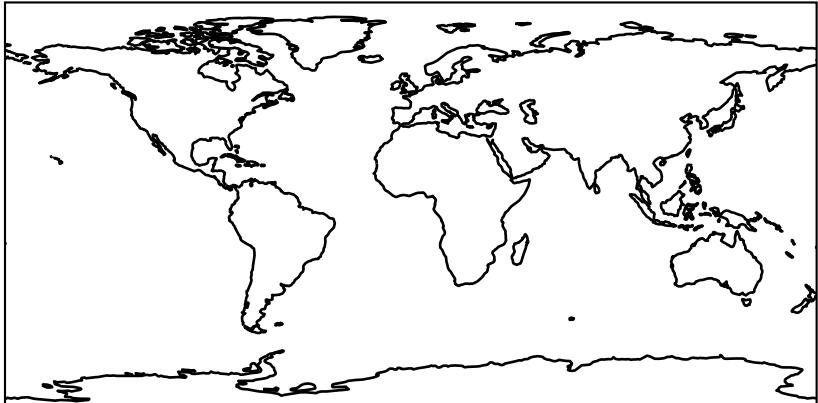
Ratio
Dev/Ref, Fixed Range



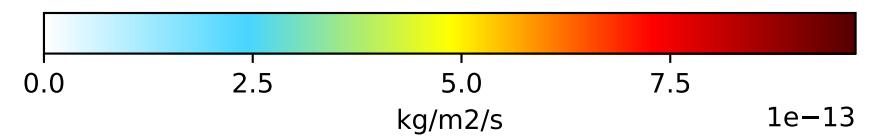
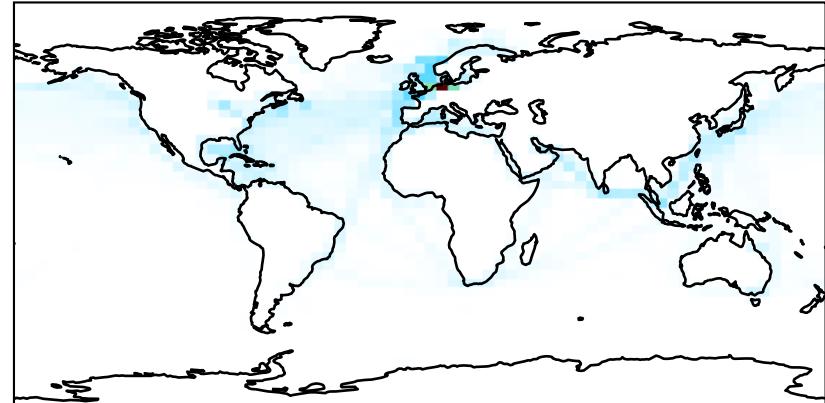
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EmisC2H4_Ship

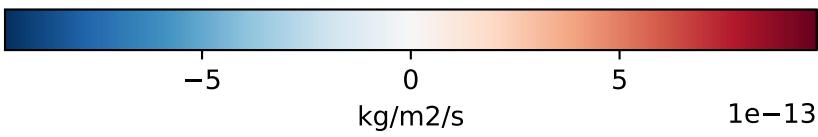
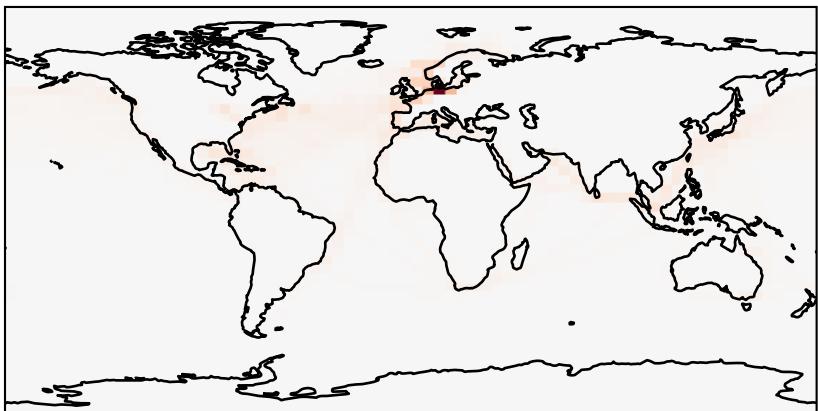
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



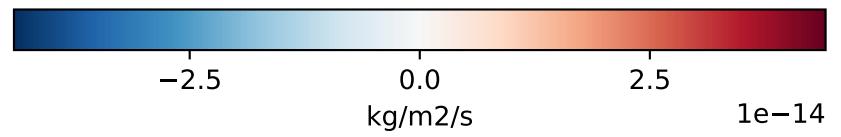
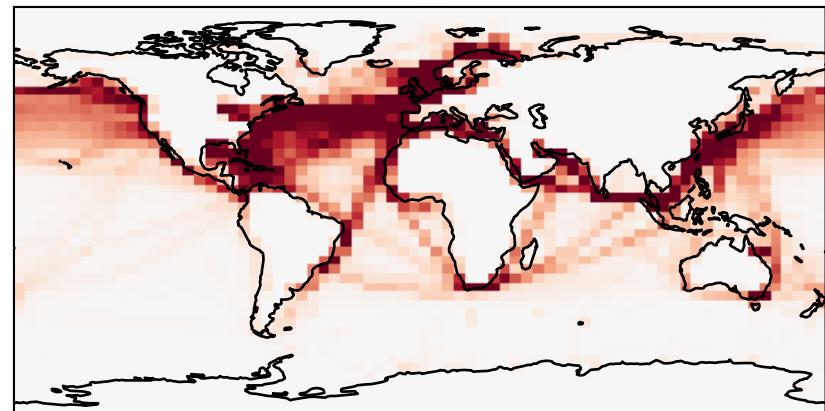
GCC_13.3.0-rc.0 (Dev)
4.0x5.0



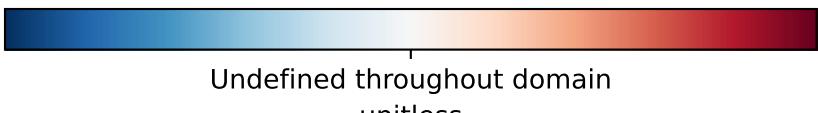
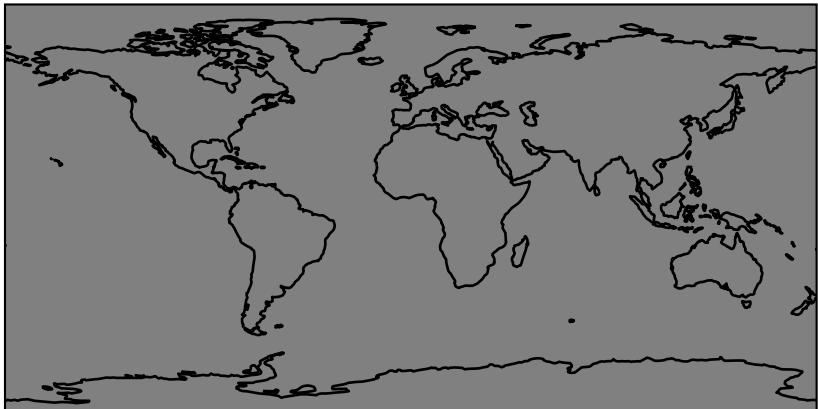
Difference
Dev - Ref, Dynamic Range



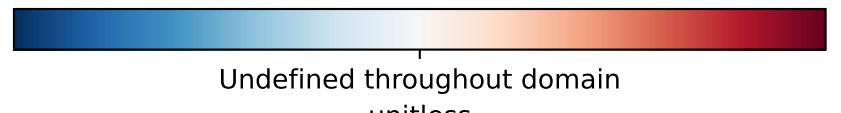
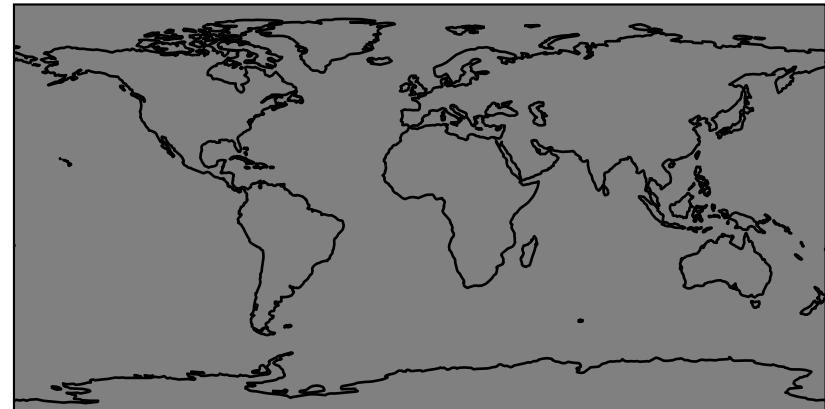
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

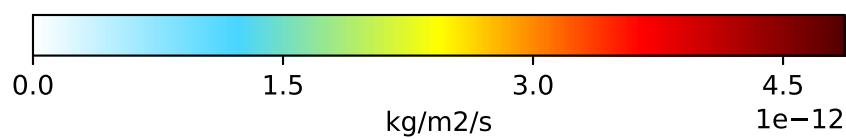
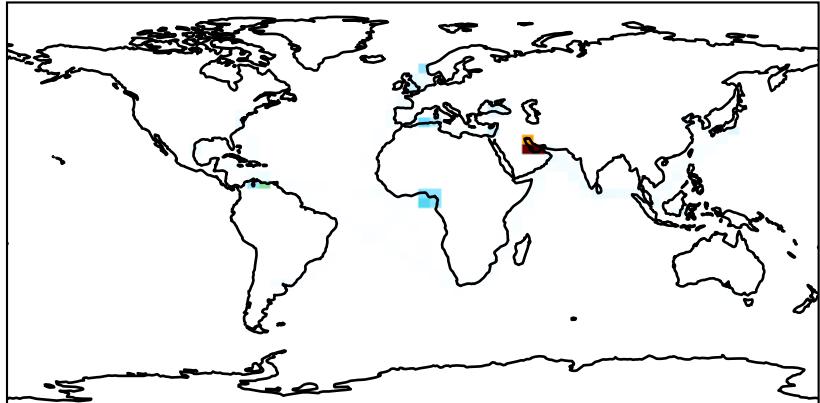


Ratio
Dev/Ref, Fixed Range

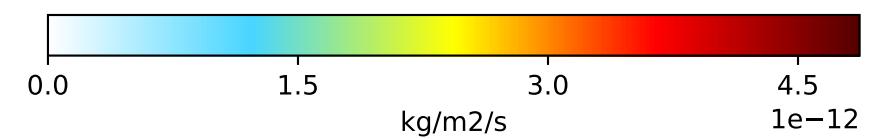
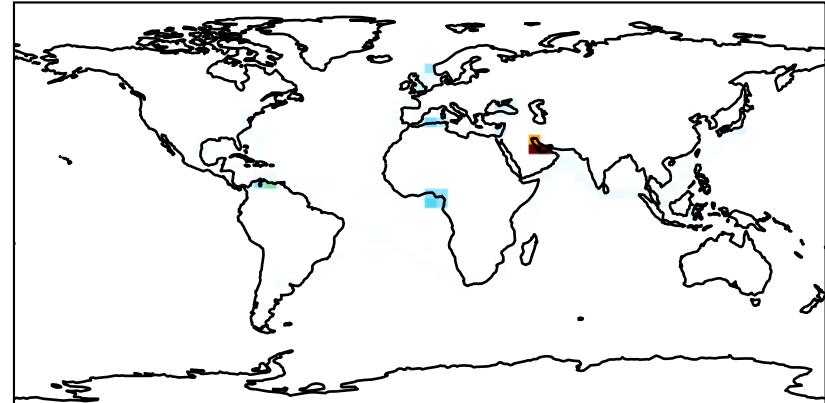


EmisC2H6_Ship

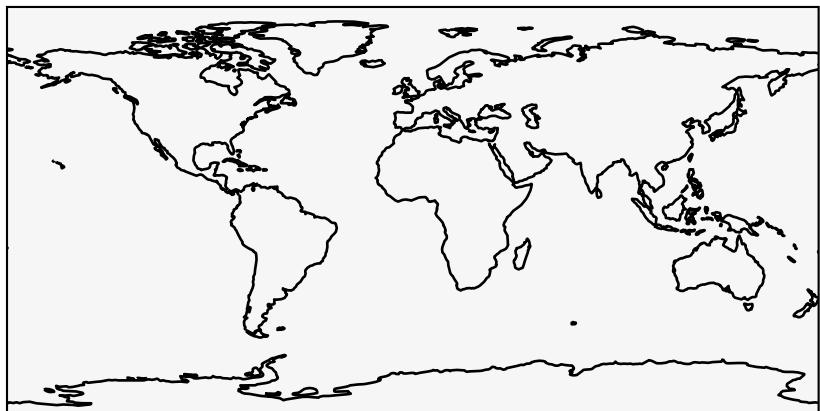
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



GCC_13.3.0-rc.0 (Dev)
4.0x5.0

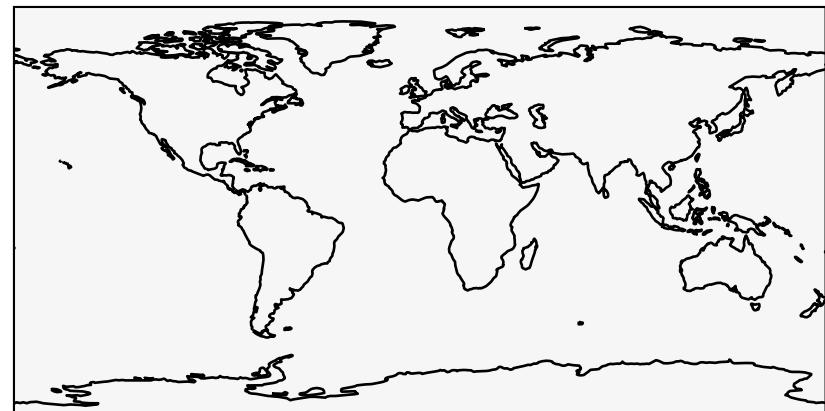


Difference
Dev - Ref, Dynamic Range



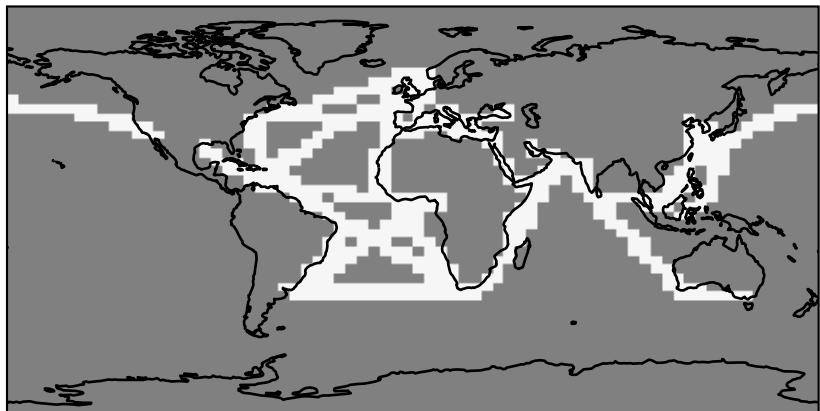
Zero throughout domain
kg/m²/s

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

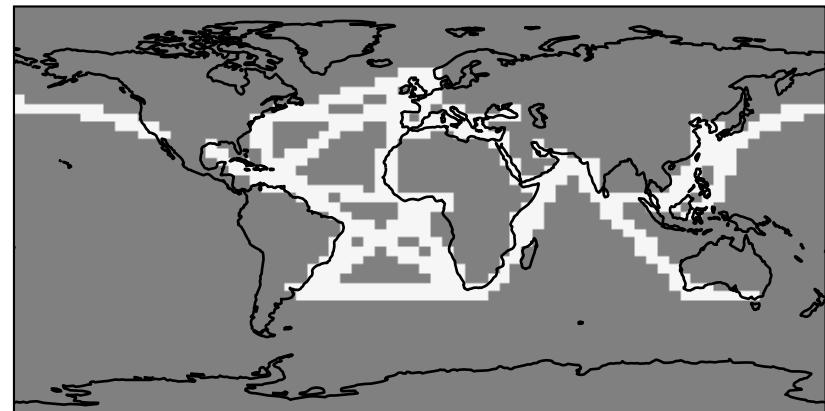


Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range

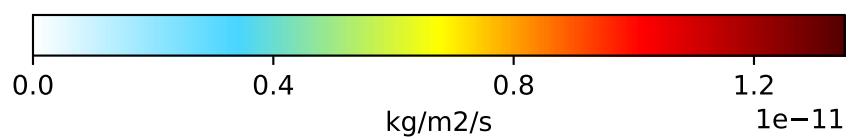
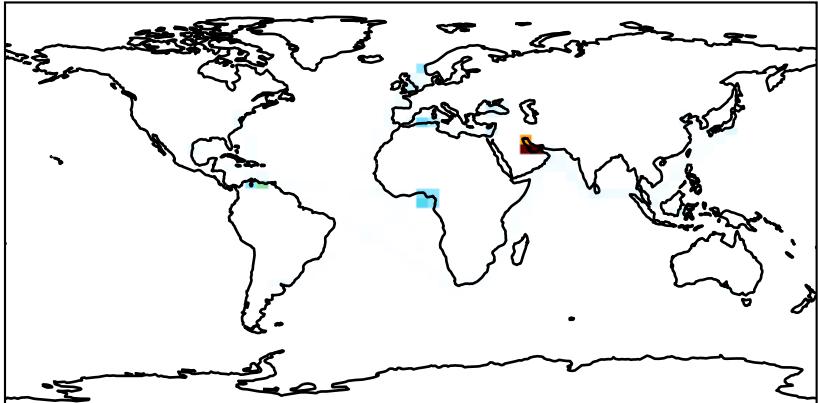


Ratio
Dev/Ref, Fixed Range

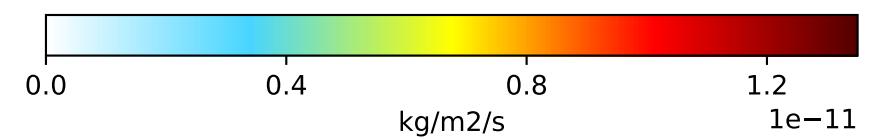
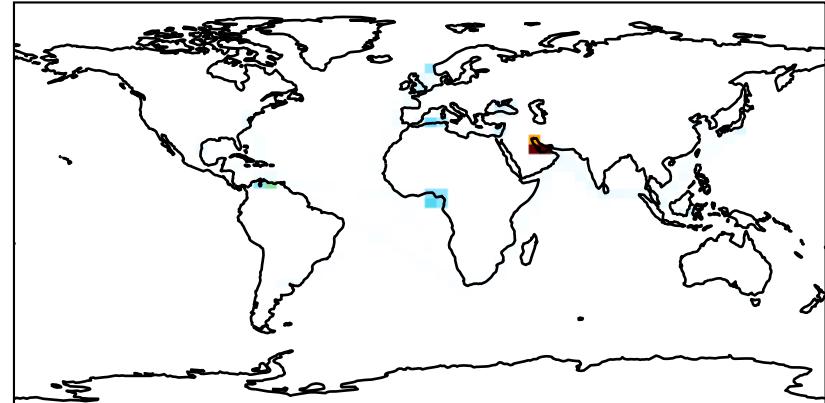


EmisC3H8_Ship

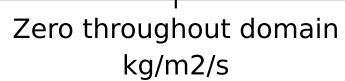
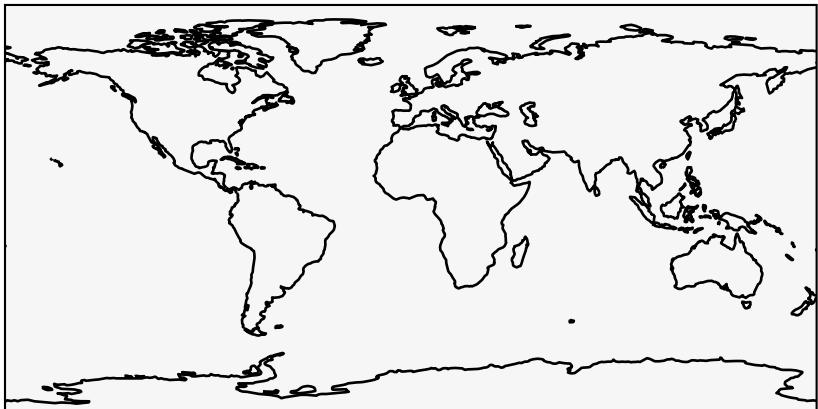
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



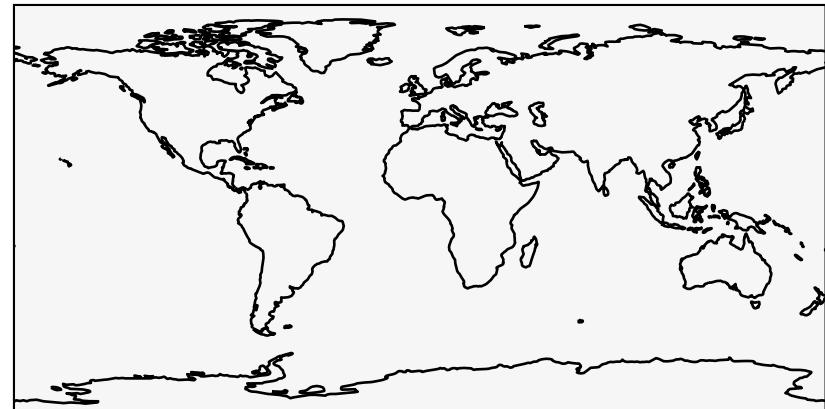
GCC_13.3.0-rc.0 (Dev)
4.0x5.0



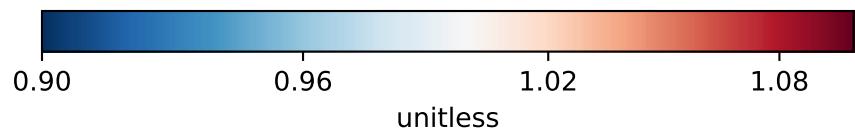
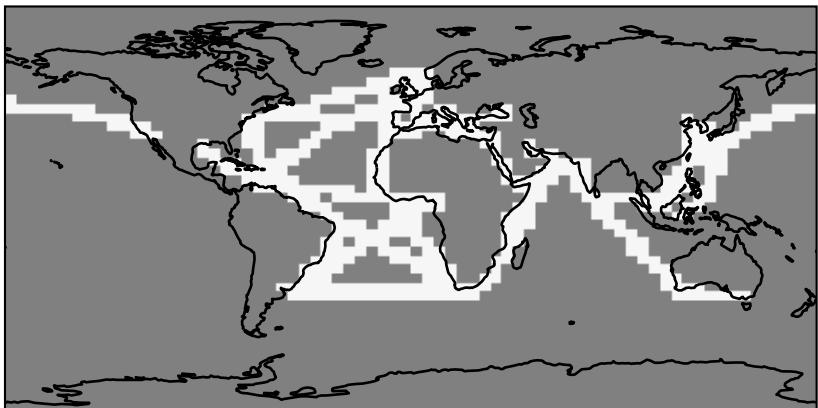
Difference
Dev - Ref, Dynamic Range



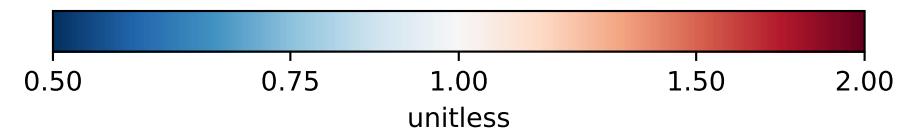
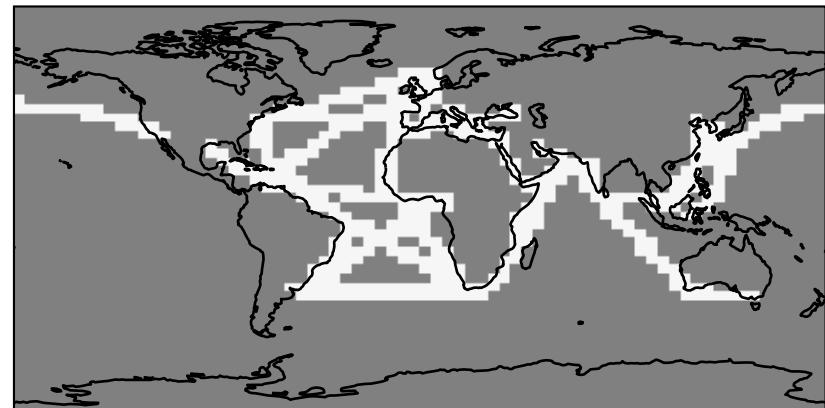
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

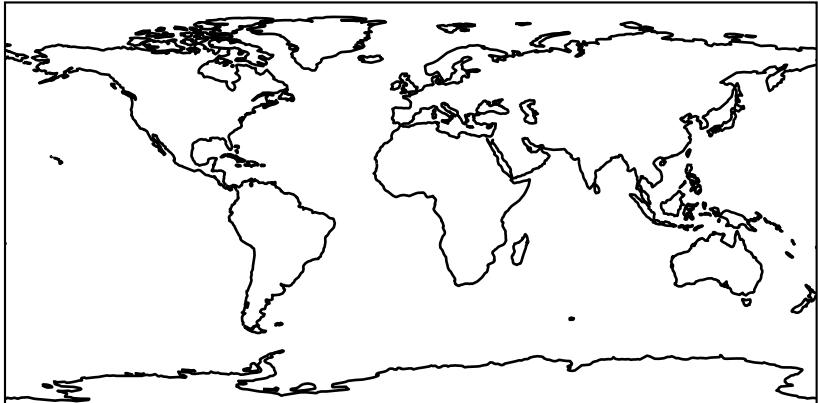


Ratio
Dev/Ref, Fixed Range



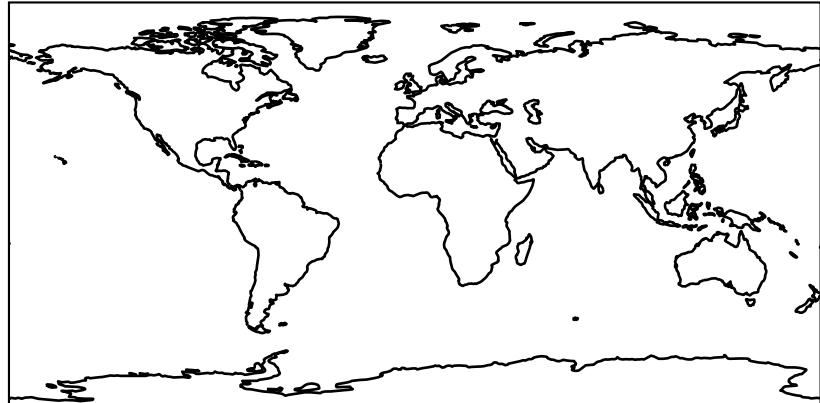
EmisCH2O_Ship

GCC_13.2.0-beta.0 (Ref)
4.0x5.0



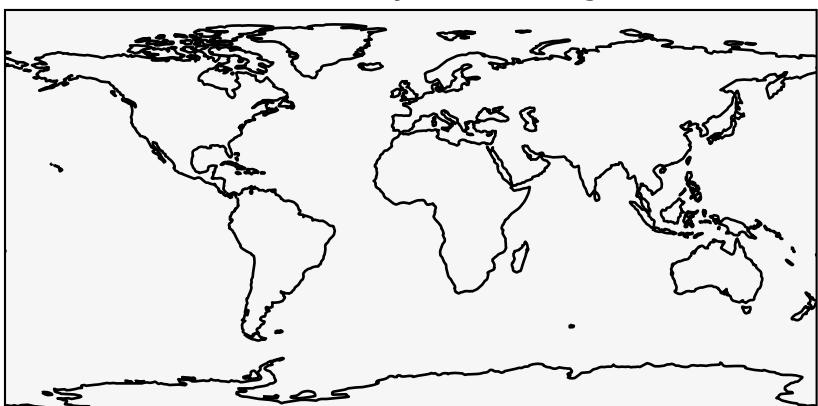
Zero throughout domain
kg/m²/s

GCC_13.3.0-rc.0 (Dev)
4.0x5.0



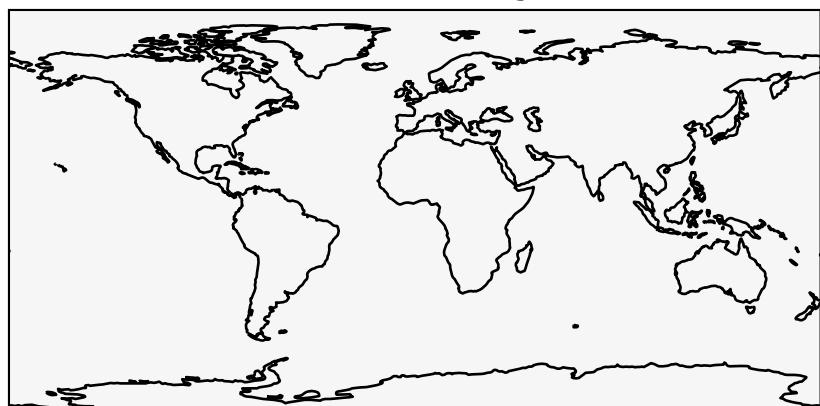
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



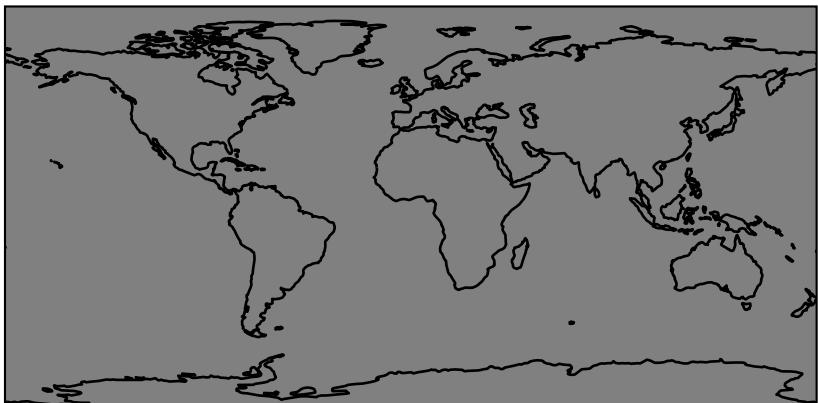
Zero throughout domain
kg/m²/s

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



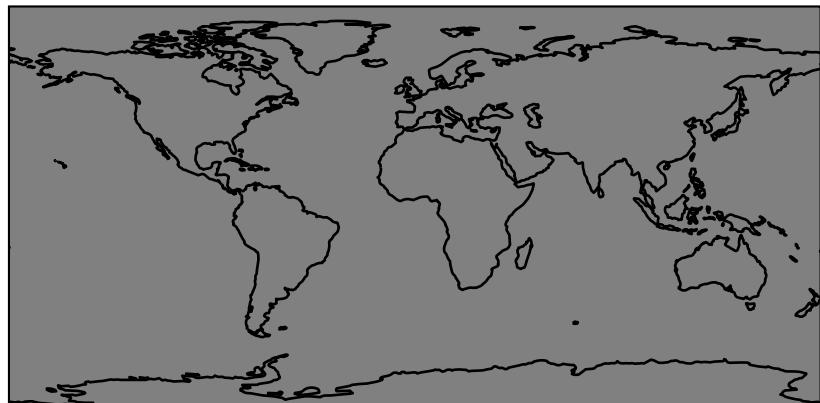
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

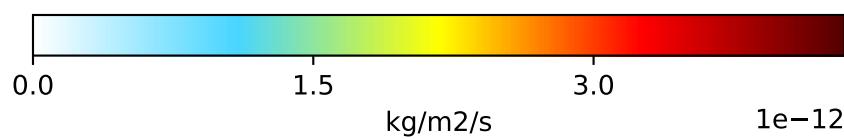
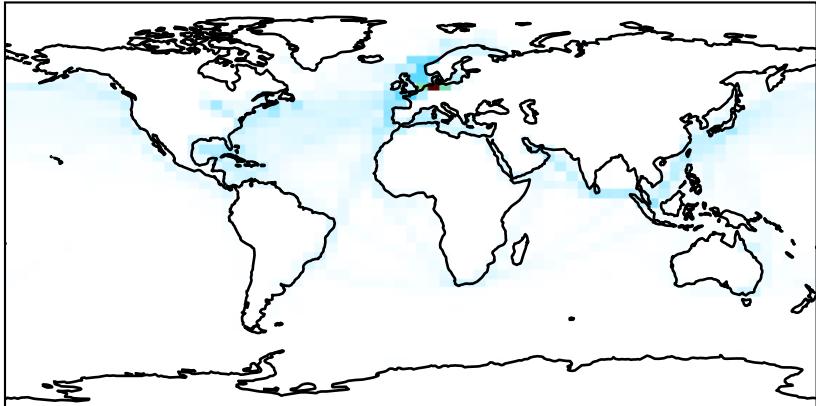
Ratio
Dev/Ref, Fixed Range



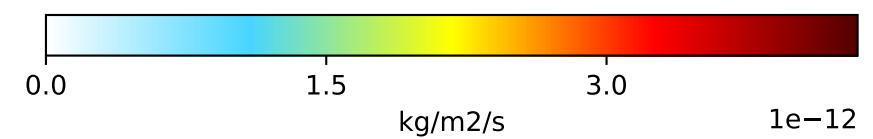
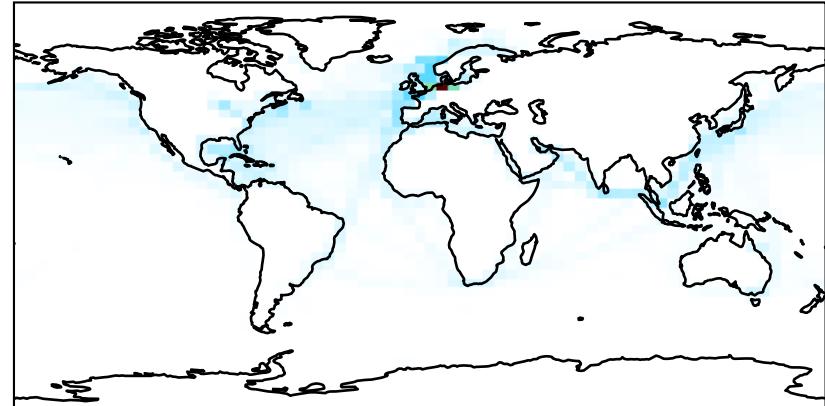
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unitless

EmisCO_Ship

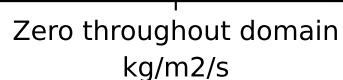
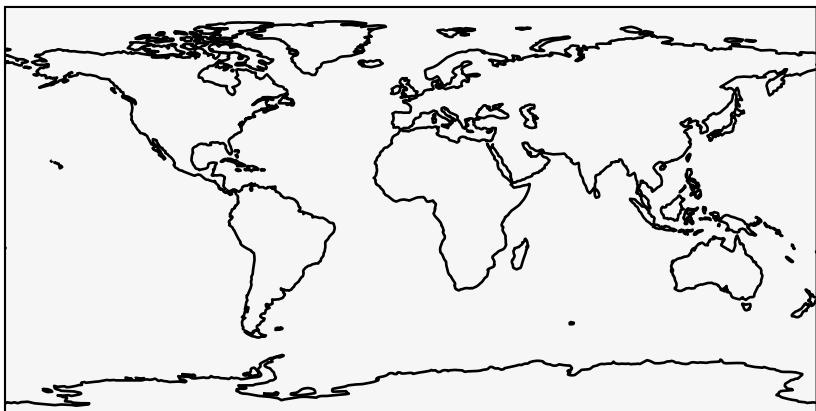
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



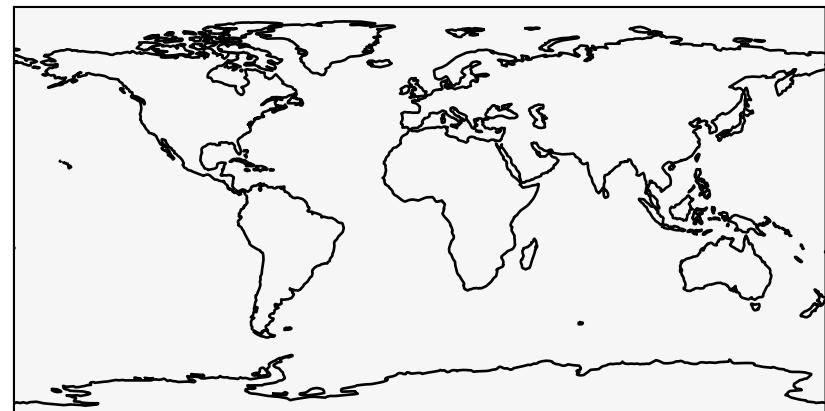
GCC_13.3.0-rc.0 (Dev)
4.0x5.0



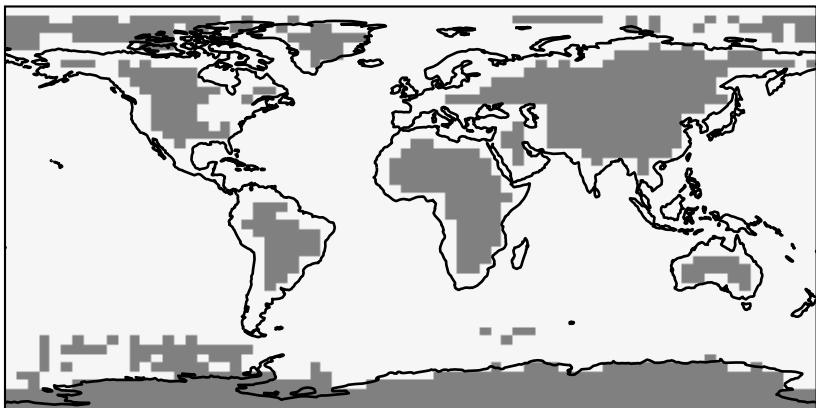
Difference
Dev - Ref, Dynamic Range



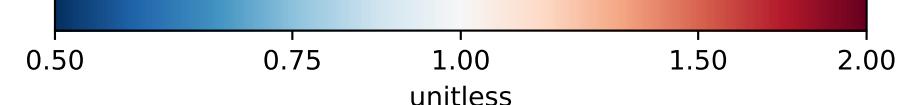
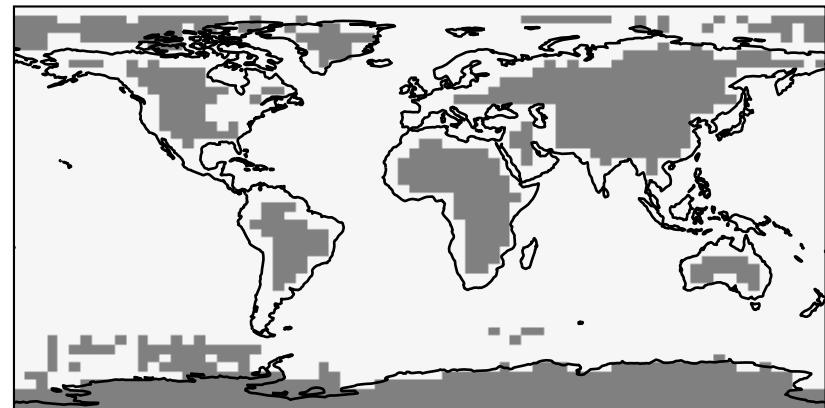
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

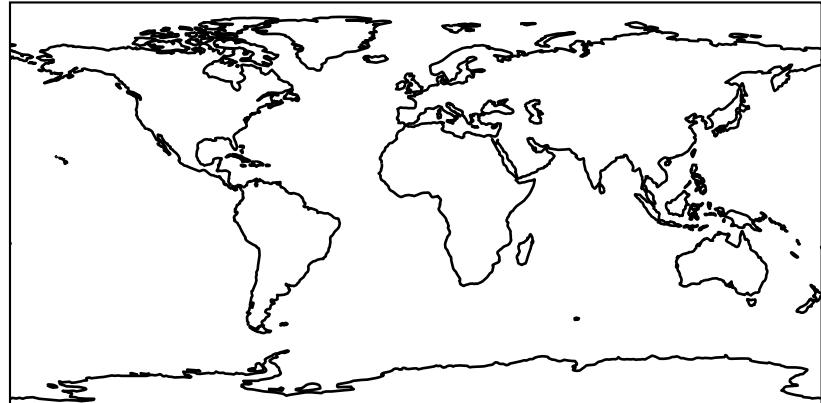


Ratio
Dev/Ref, Fixed Range



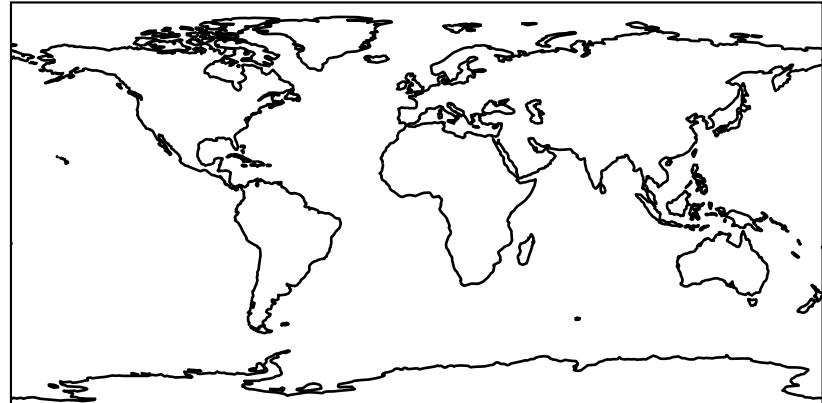
EmisEOH_Ship

GCC_13.2.0-beta.0 (Ref)
4.0x5.0



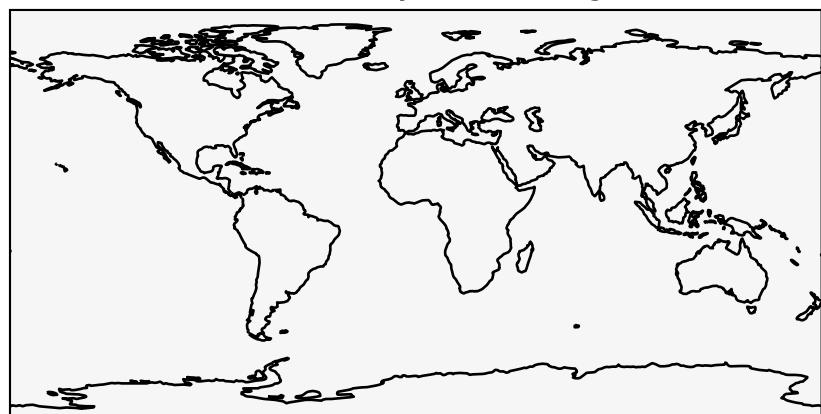
Zero throughout domain
kg/m²/s

GCC_13.3.0-rc.0 (Dev)
4.0x5.0



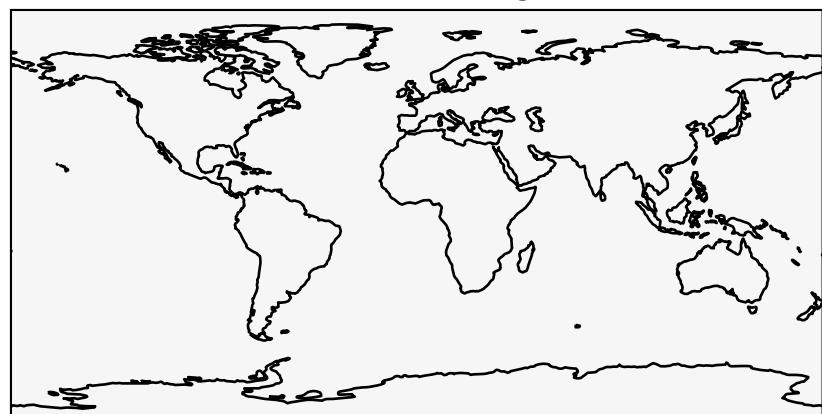
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



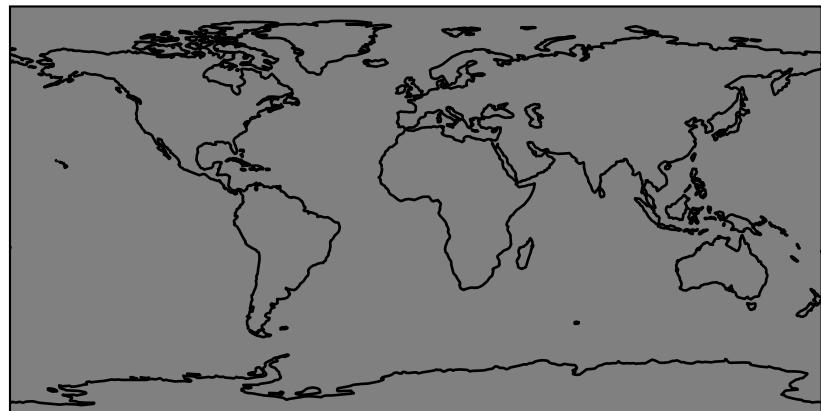
Zero throughout domain
kg/m²/s

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



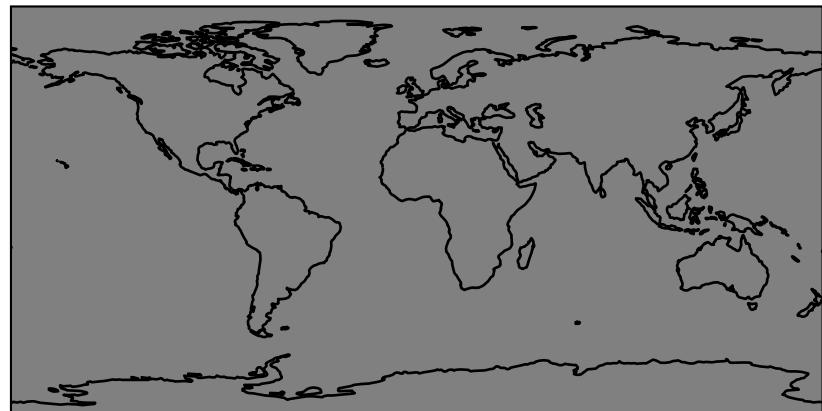
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

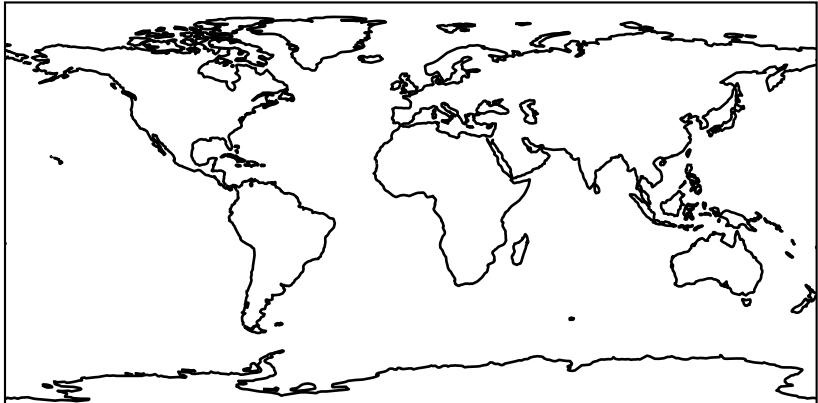
Ratio
Dev/Ref, Fixed Range



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unitless

EmisHCOOH_Ship

GCC_13.2.0-beta.0 (Ref)
4.0x5.0



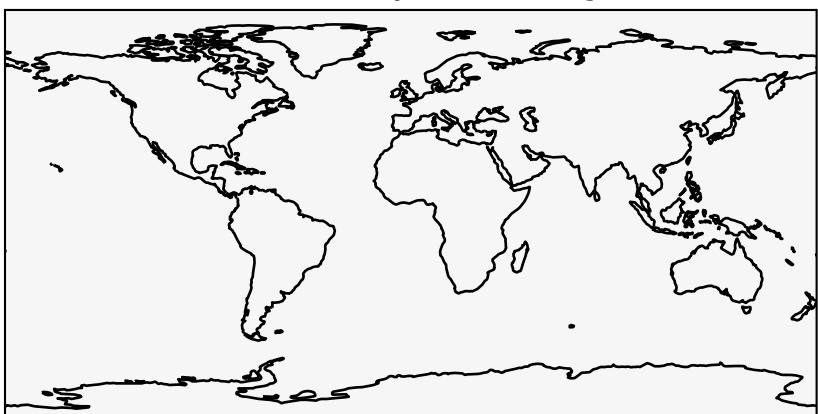
Zero throughout domain
kg/m²/s

GCC_13.3.0-rc.0 (Dev)
4.0x5.0



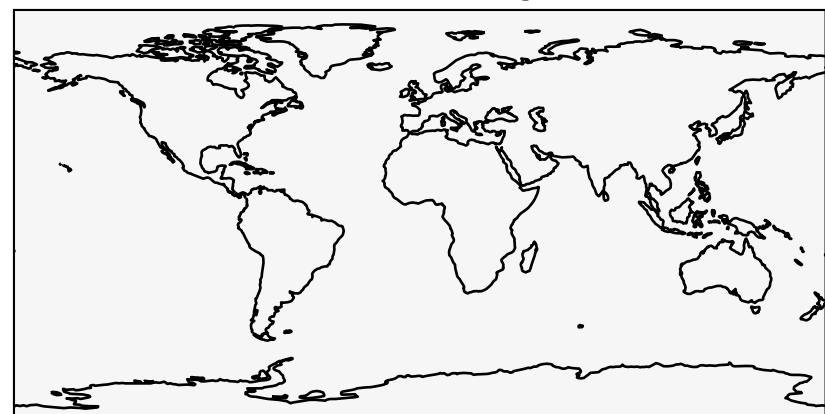
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



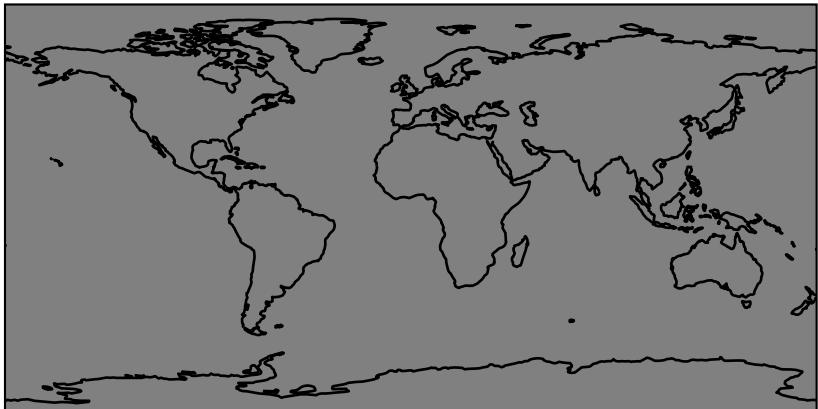
Zero throughout domain
kg/m²/s

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



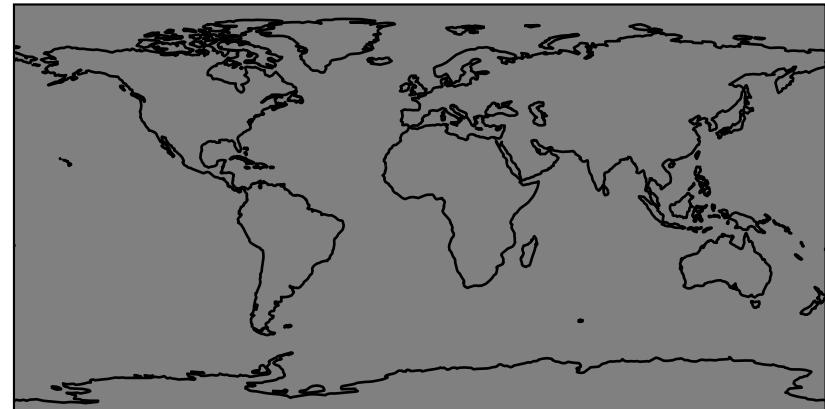
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



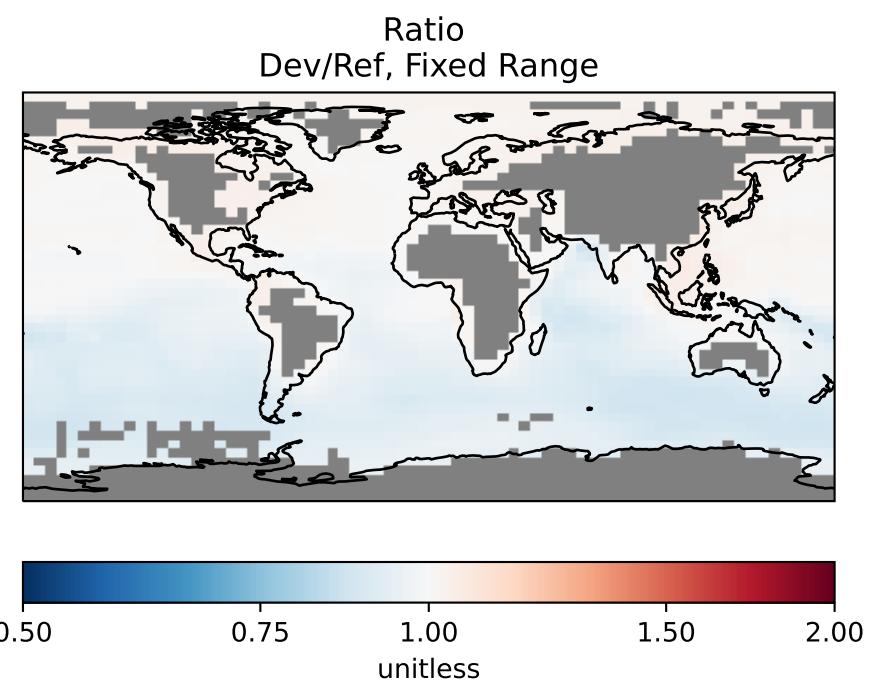
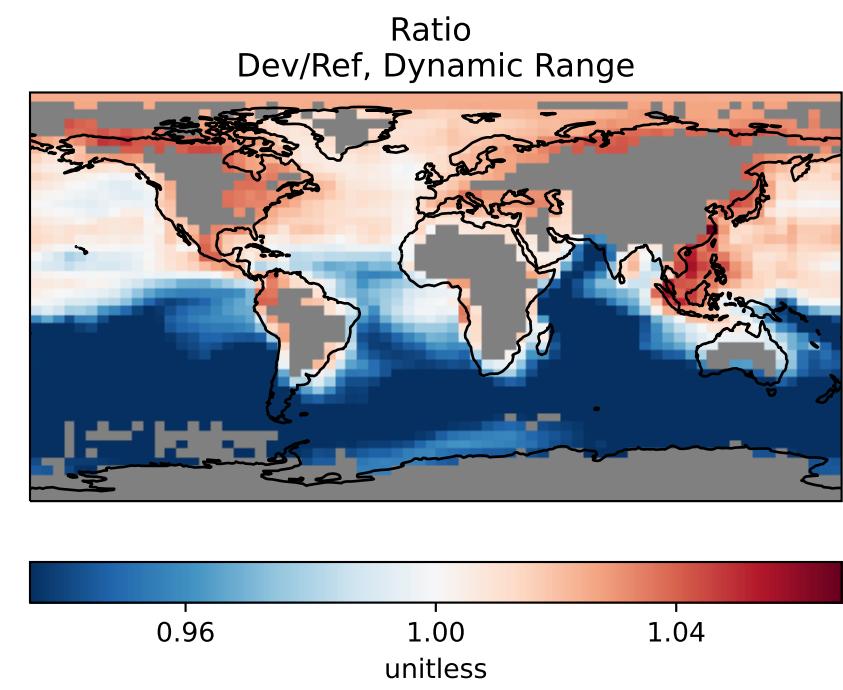
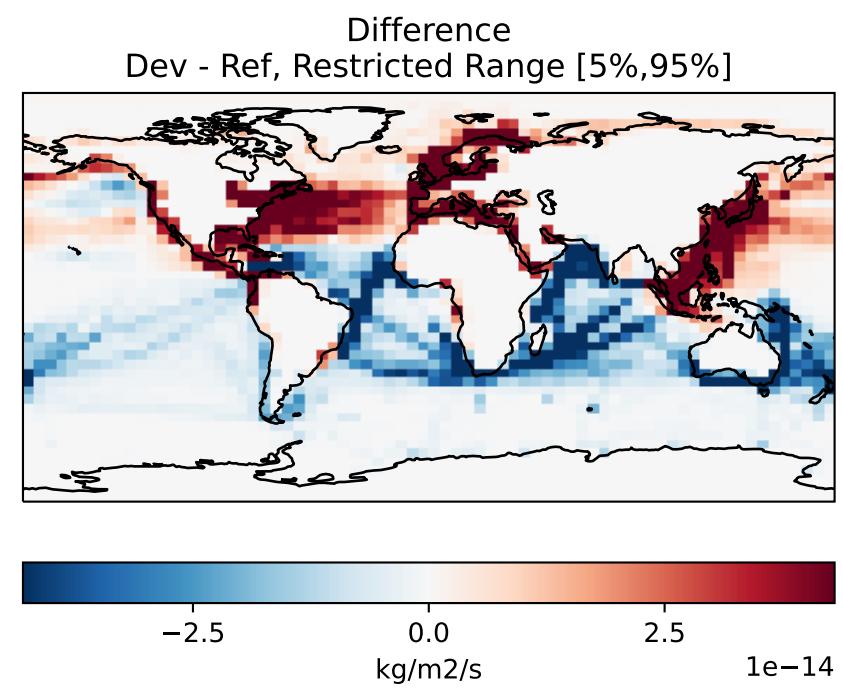
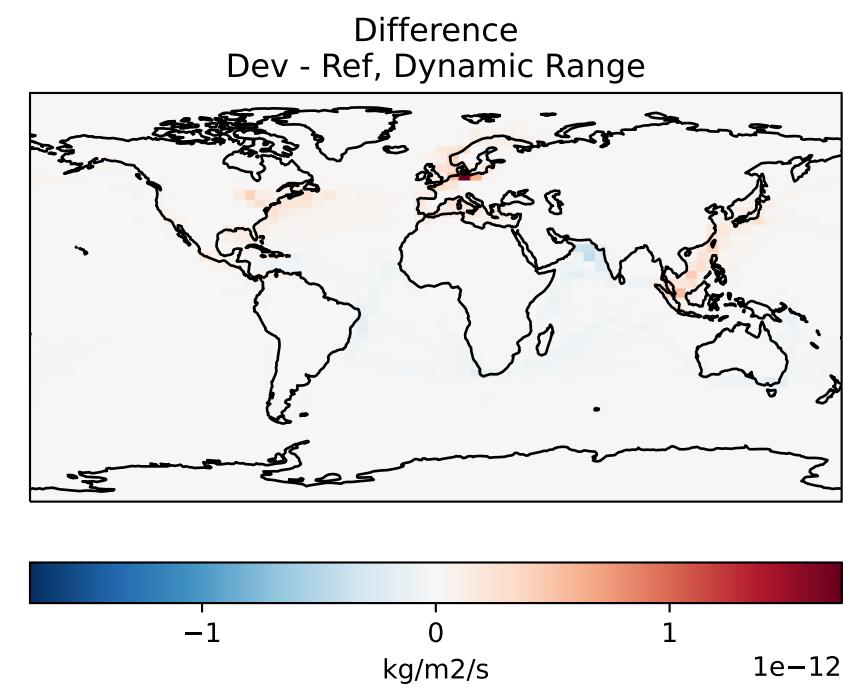
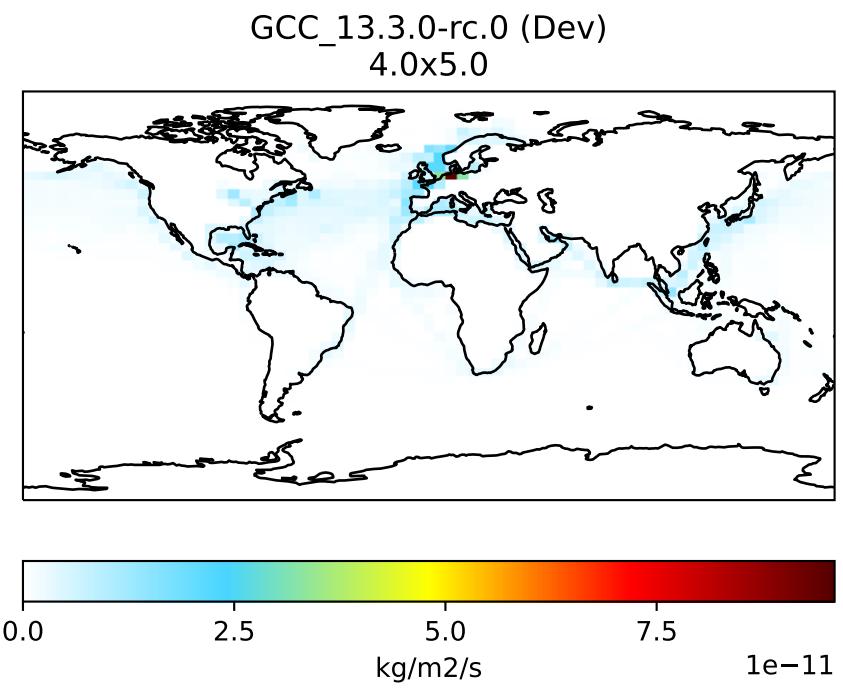
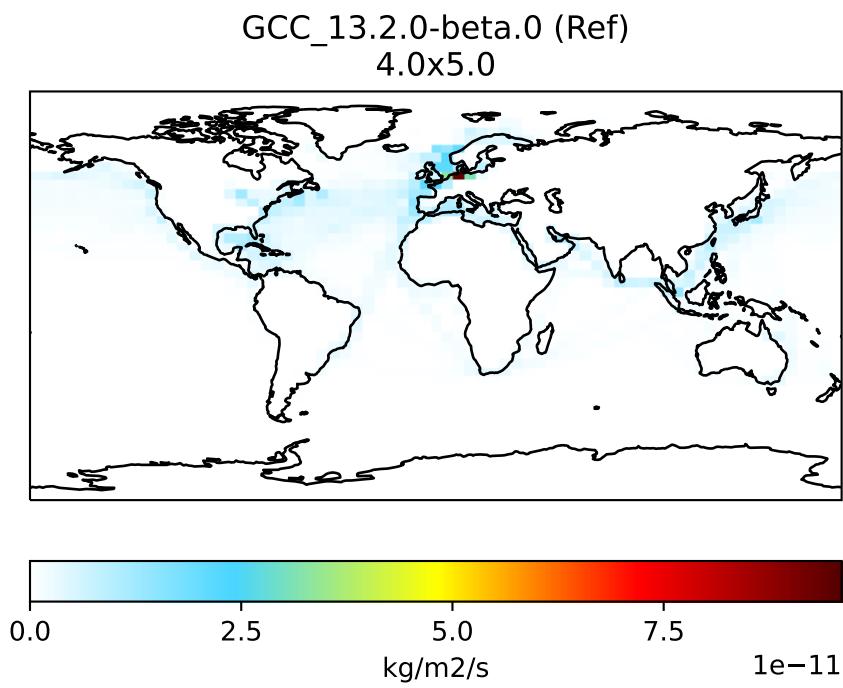
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Ratio
Dev/Ref, Fixed Range



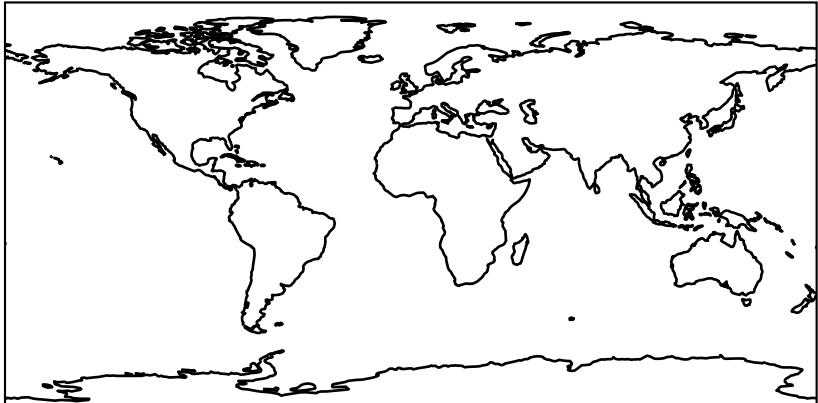
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EmisHNO3_Ship



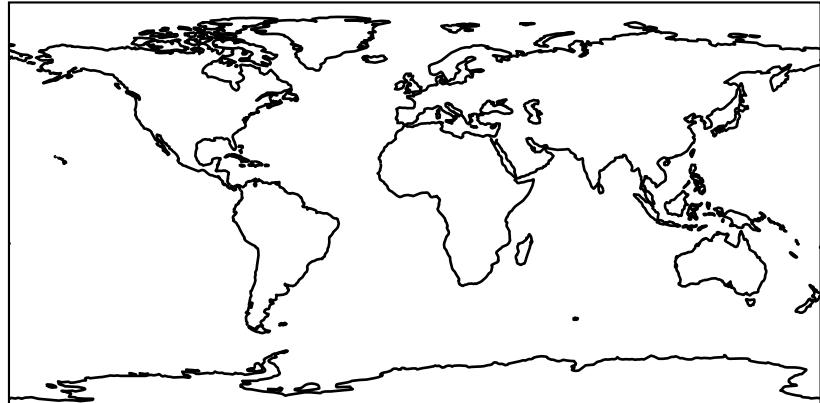
EmisMEK_Ship

GCC_13.2.0-beta.0 (Ref)
4.0x5.0



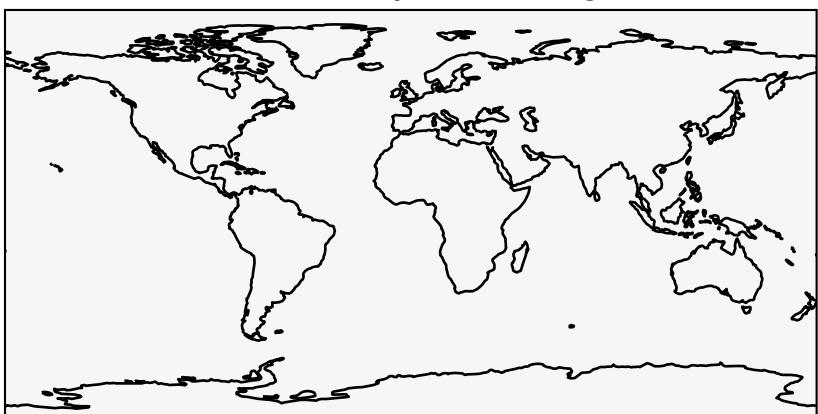
Zero throughout domain
kg/m²/s

GCC_13.3.0-rc.0 (Dev)
4.0x5.0



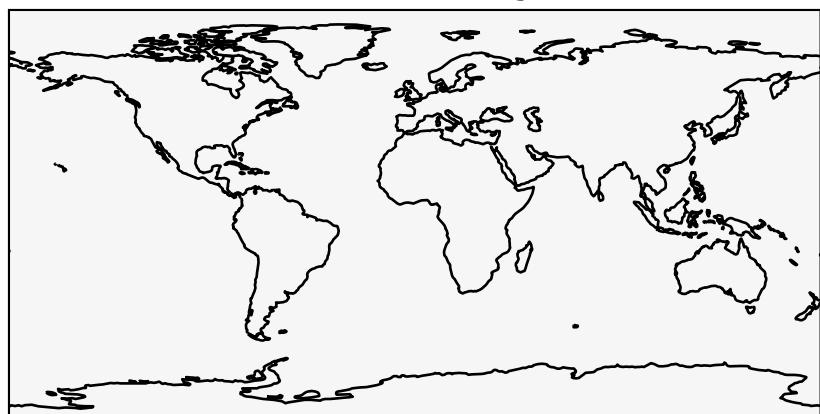
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



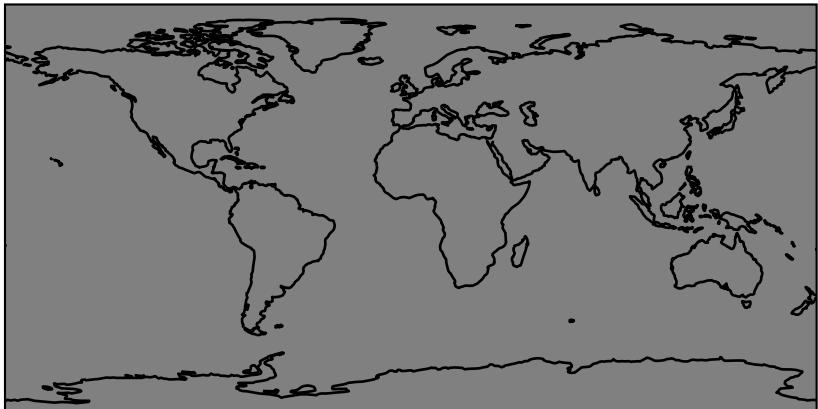
Zero throughout domain
kg/m²/s

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



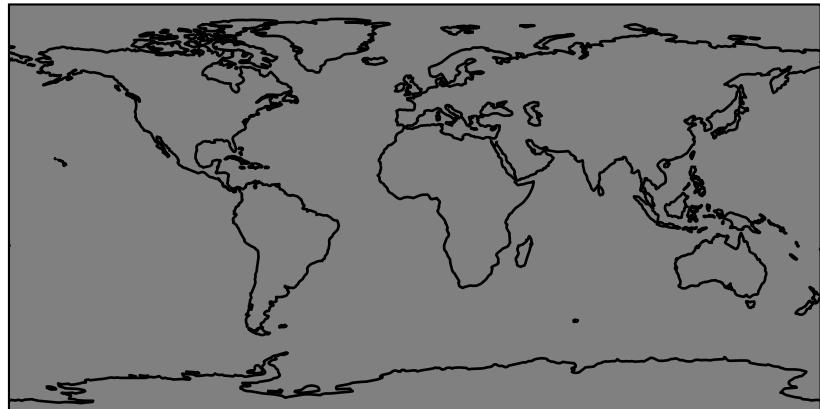
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



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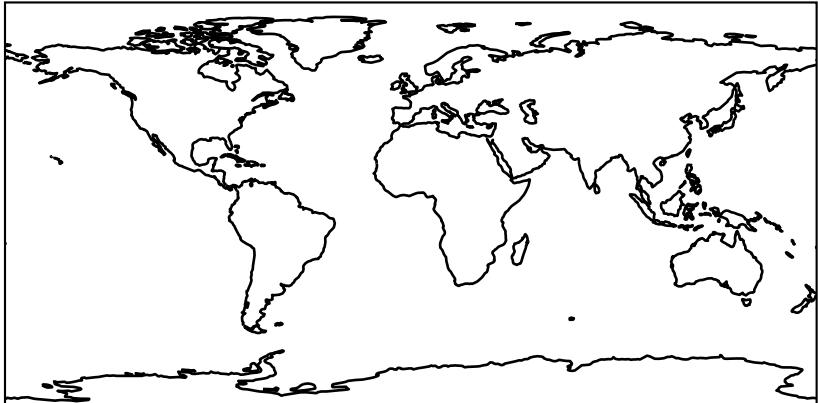
Ratio
Dev/Ref, Fixed Range



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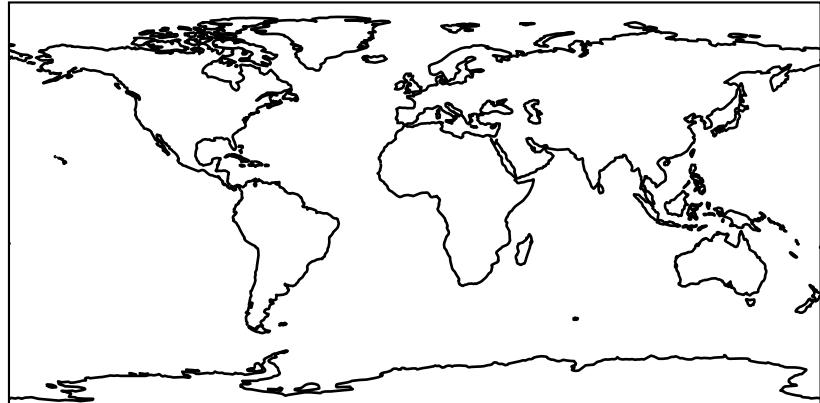
EmisMOH_Ship

GCC_13.2.0-beta.0 (Ref)
4.0x5.0



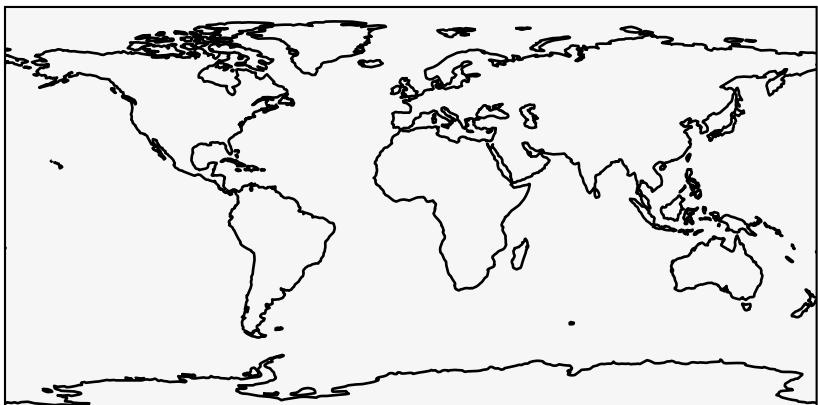
Zero throughout domain
kg/m²/s

GCC_13.3.0-rc.0 (Dev)
4.0x5.0



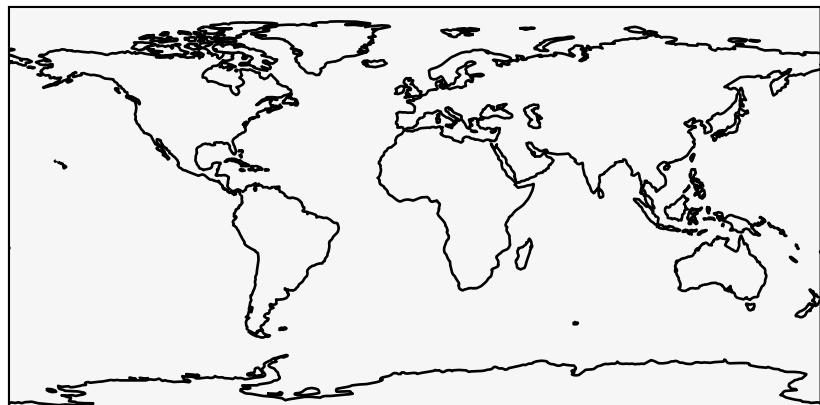
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



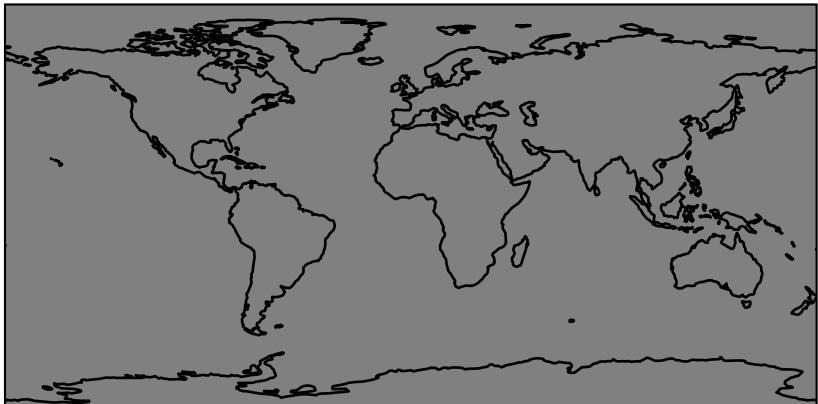
Zero throughout domain
kg/m²/s

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



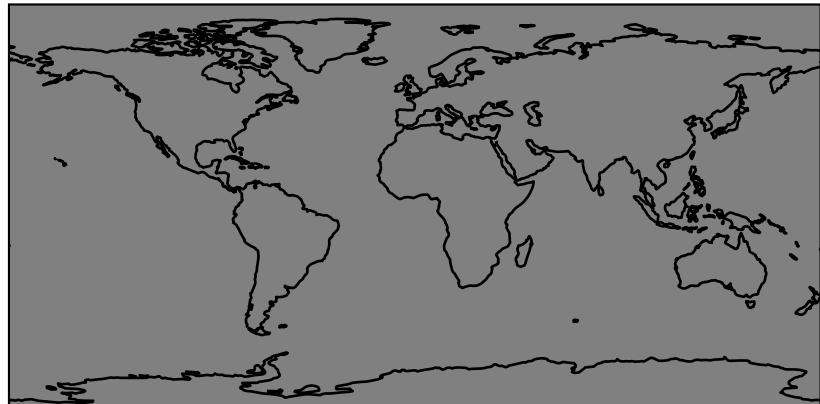
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



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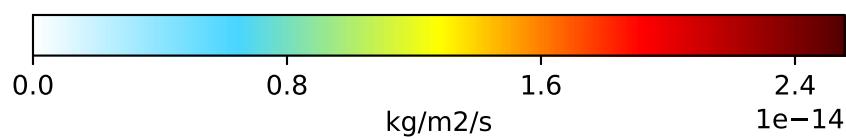
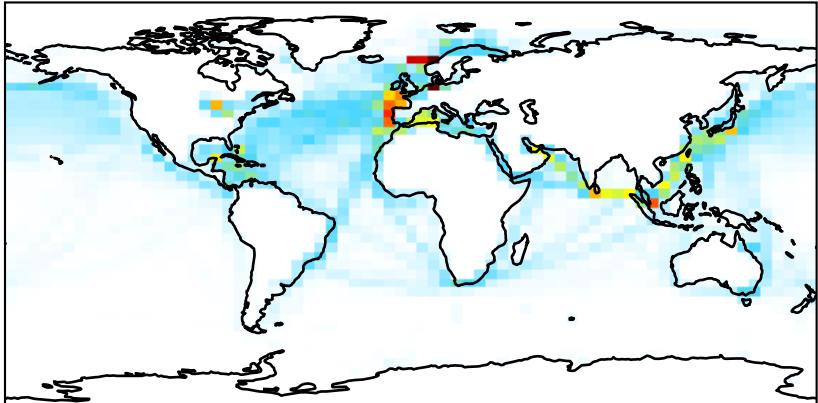
Ratio
Dev/Ref, Fixed Range



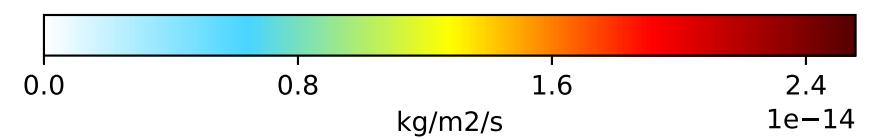
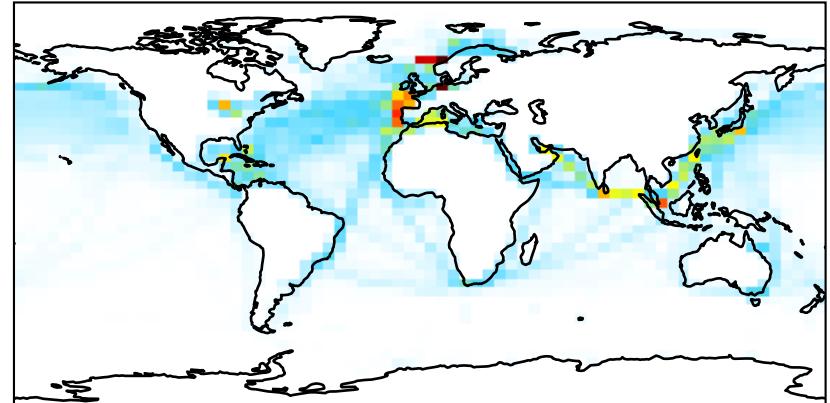
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EmisNH3_Ship

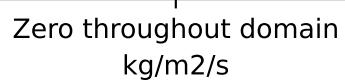
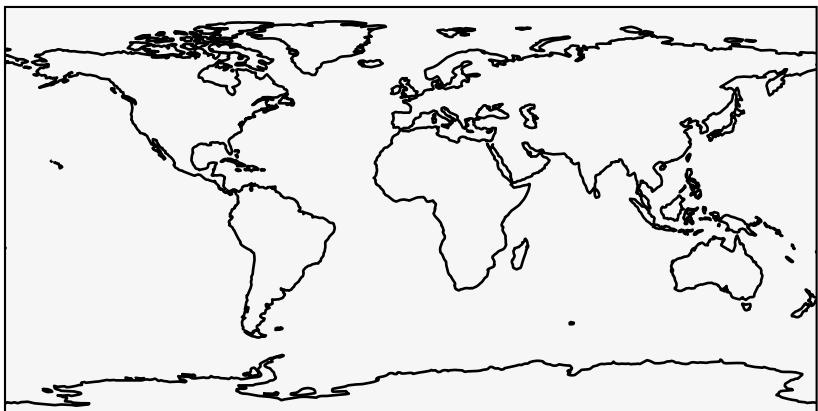
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



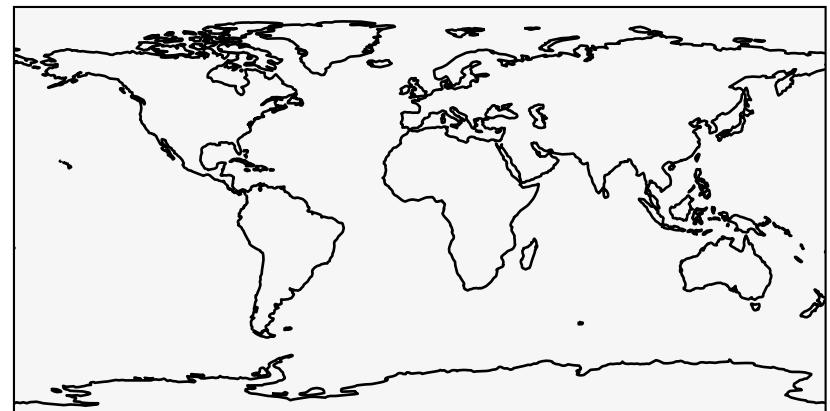
GCC_13.3.0-rc.0 (Dev)
4.0x5.0



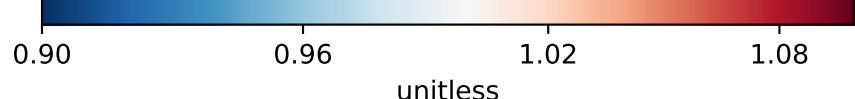
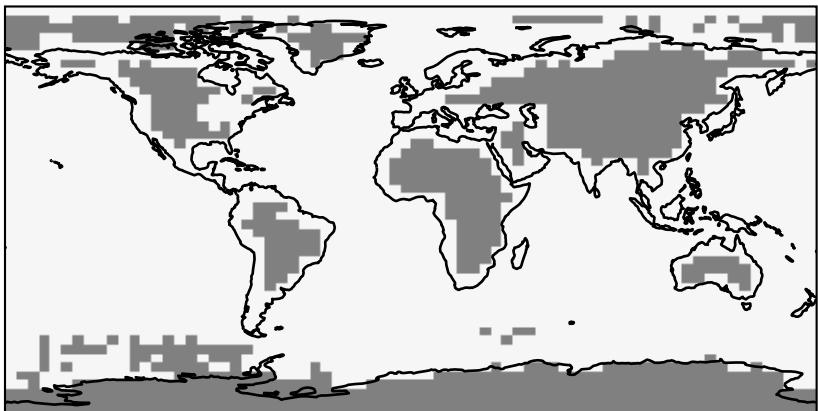
Difference
Dev - Ref, Dynamic Range



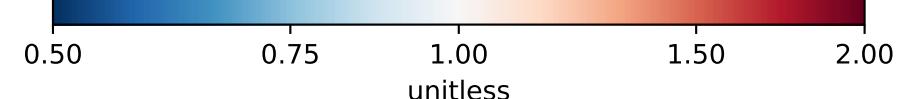
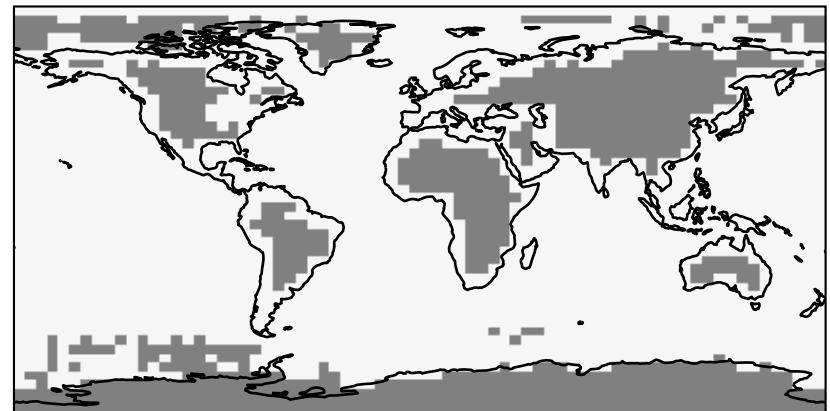
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

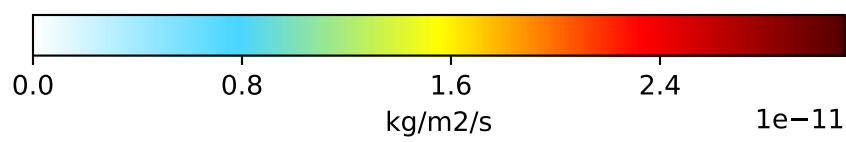
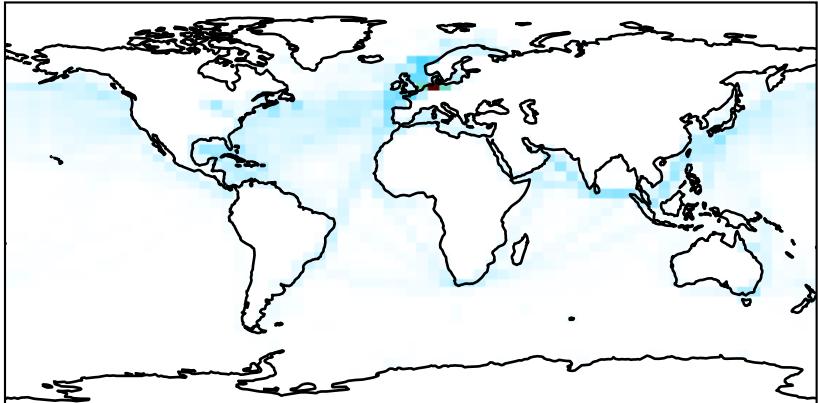


Ratio
Dev/Ref, Fixed Range

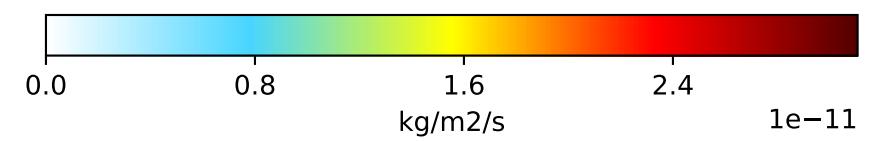
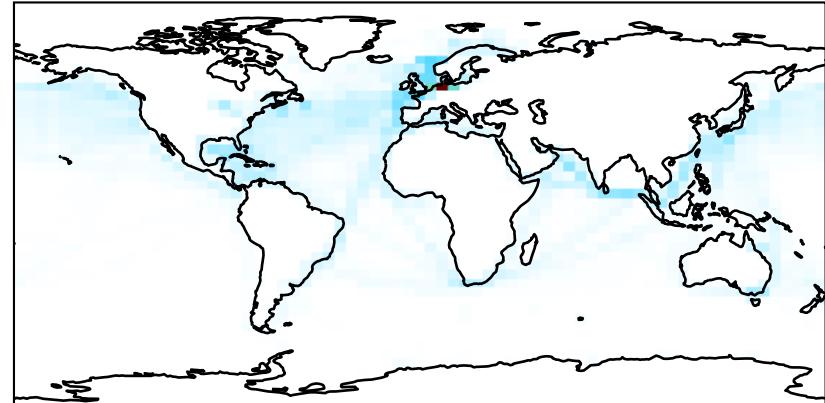


EmisNO2_Ship

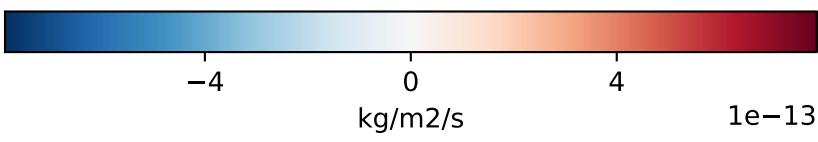
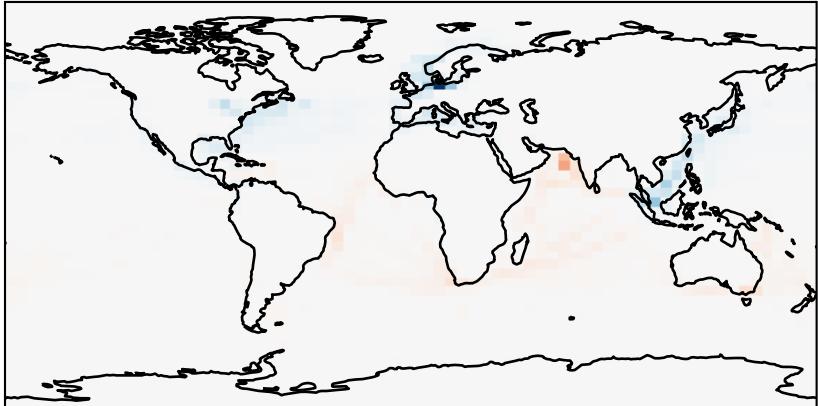
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



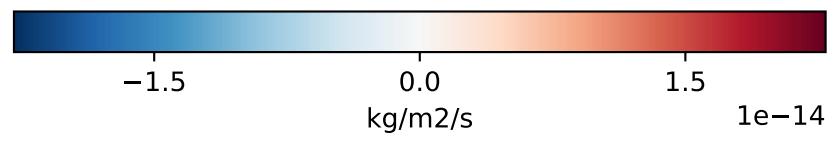
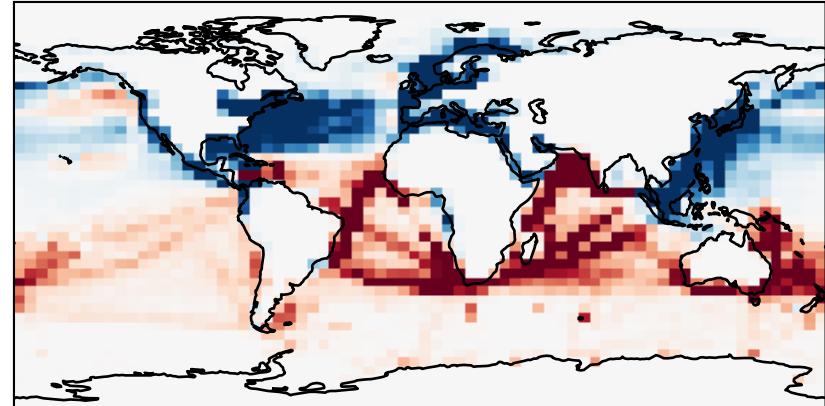
GCC_13.3.0-rc.0 (Dev)
4.0x5.0



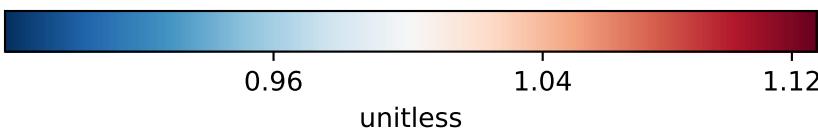
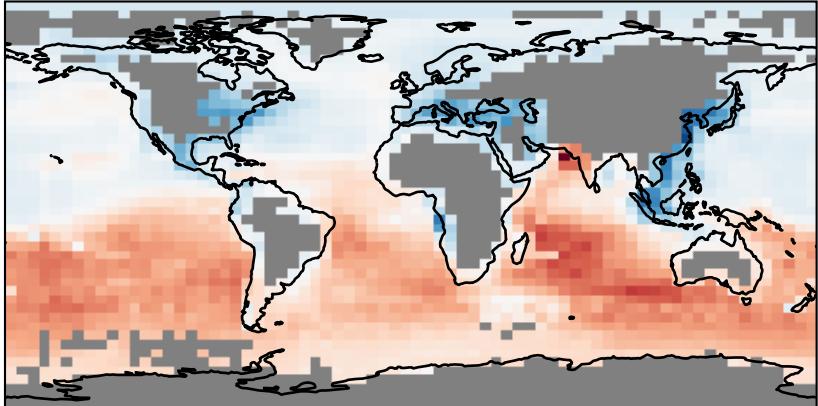
Difference
Dev - Ref, Dynamic Range



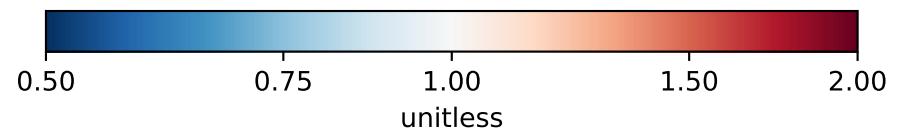
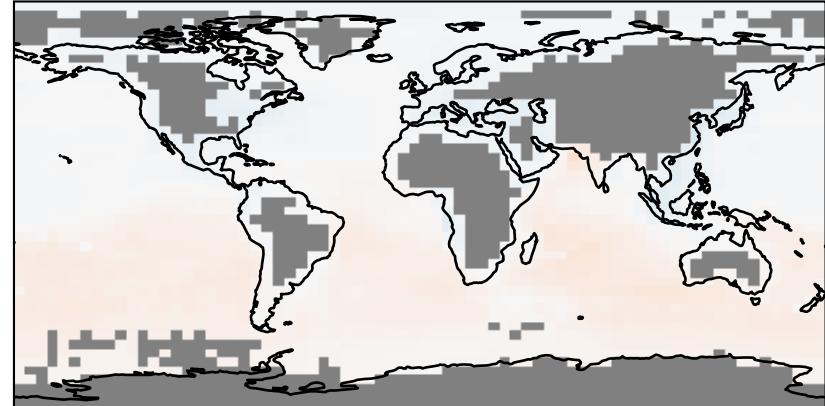
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

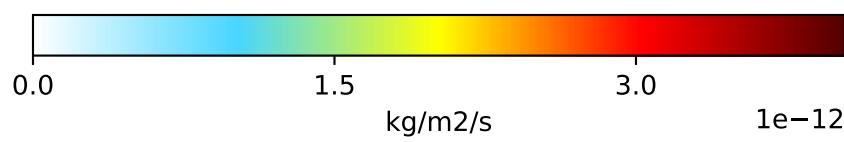
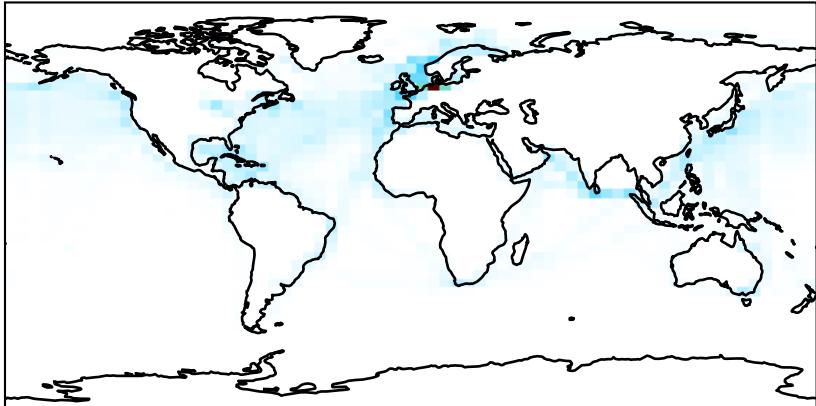


Ratio
Dev/Ref, Fixed Range

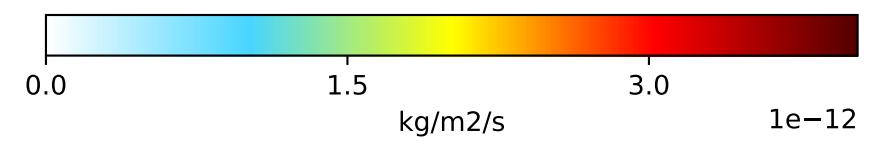
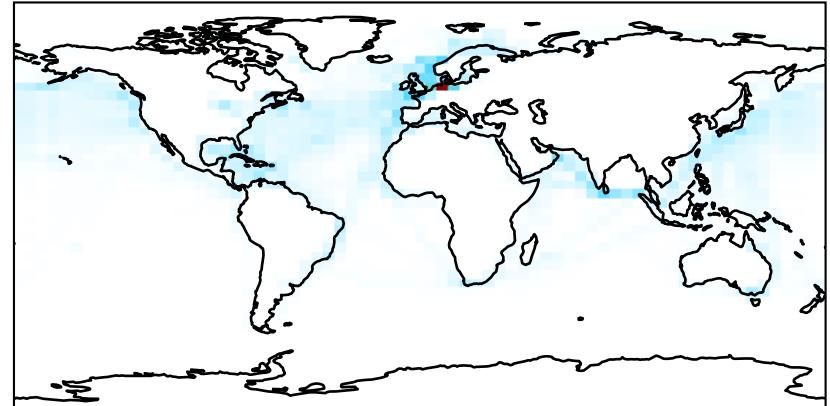


EmisNO_Ship

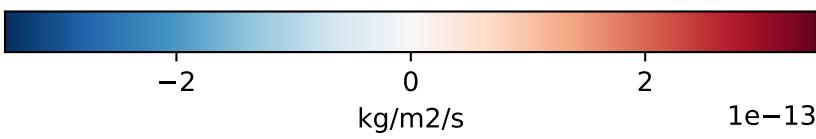
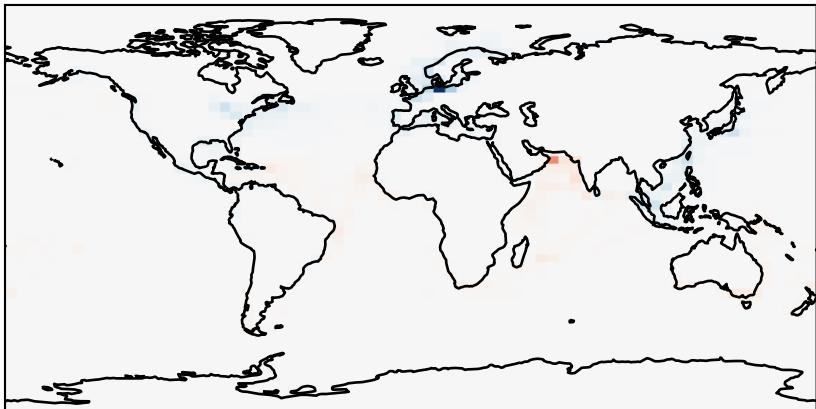
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



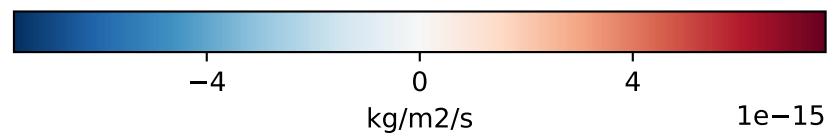
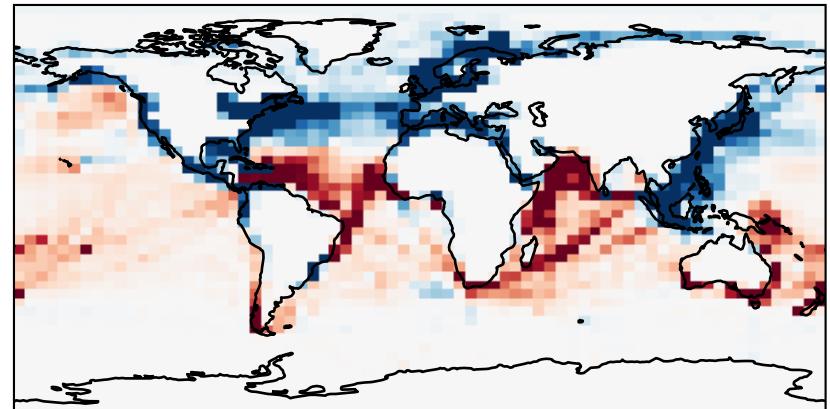
GCC_13.3.0-rc.0 (Dev)
4.0x5.0



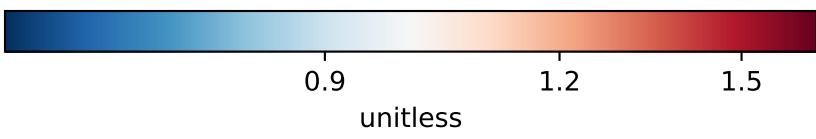
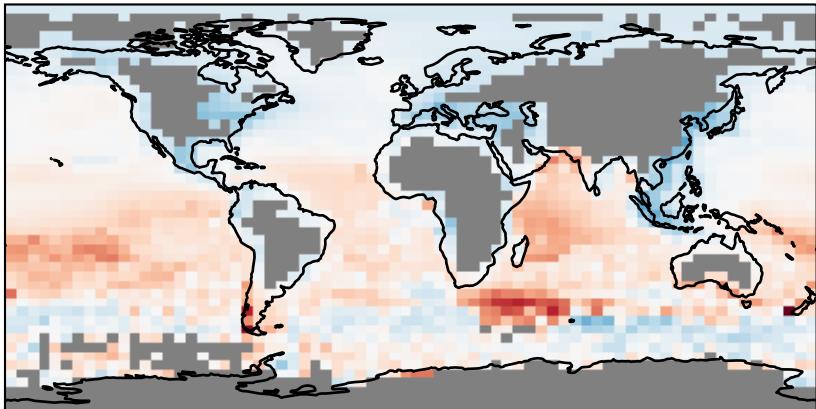
Difference
Dev - Ref, Dynamic Range



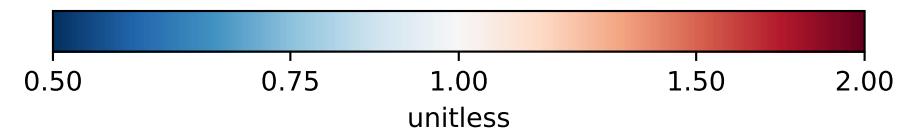
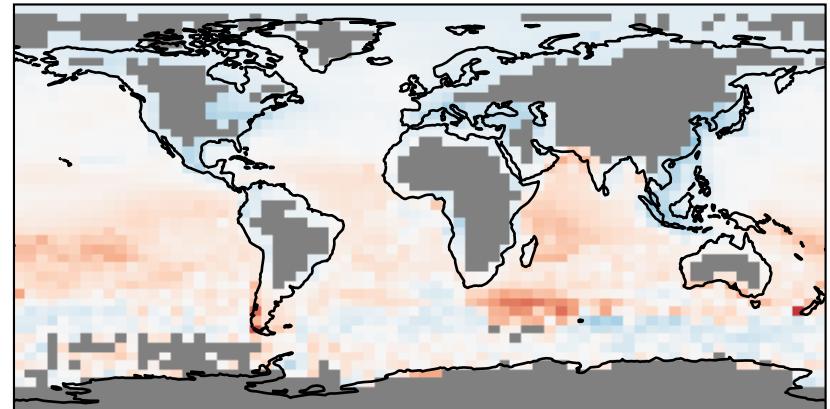
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

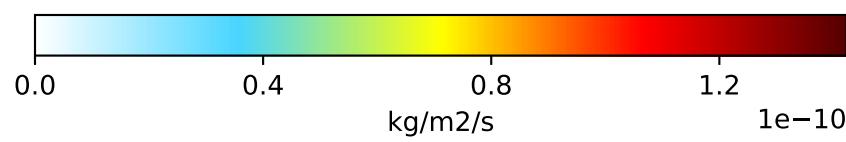
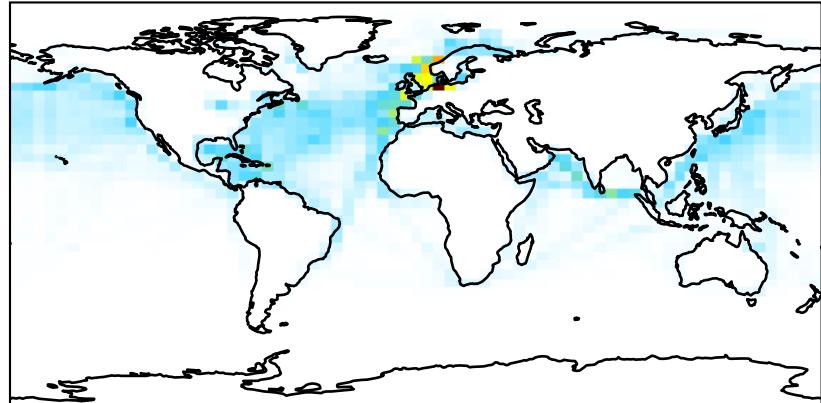


Ratio
Dev/Ref, Fixed Range

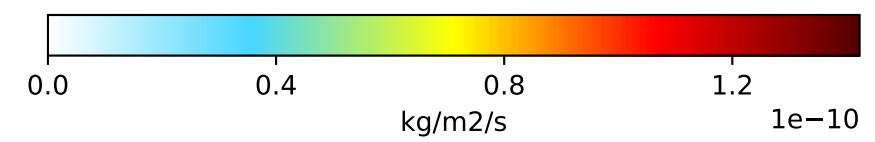
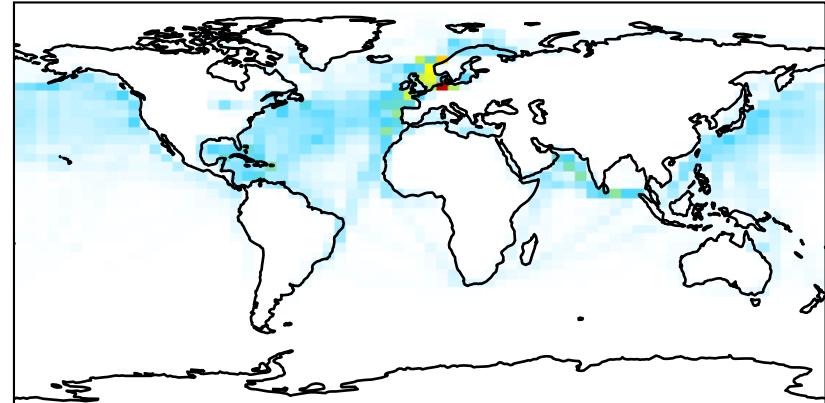


EmisO3_Ship

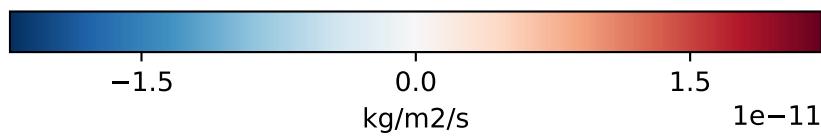
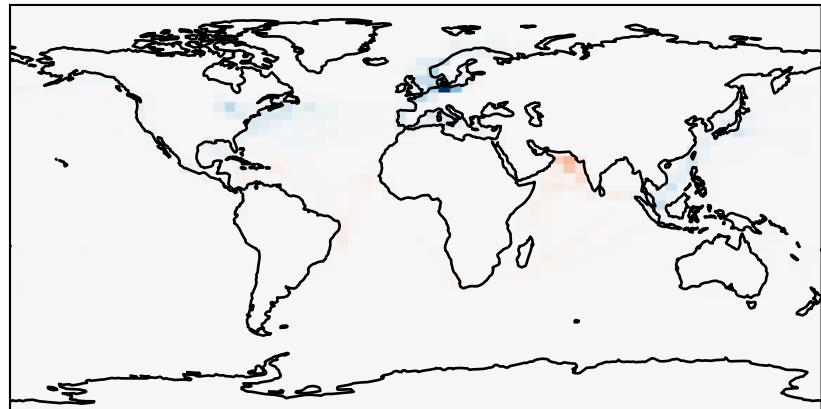
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



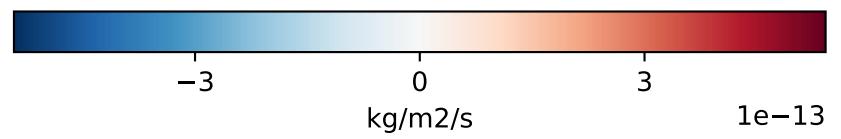
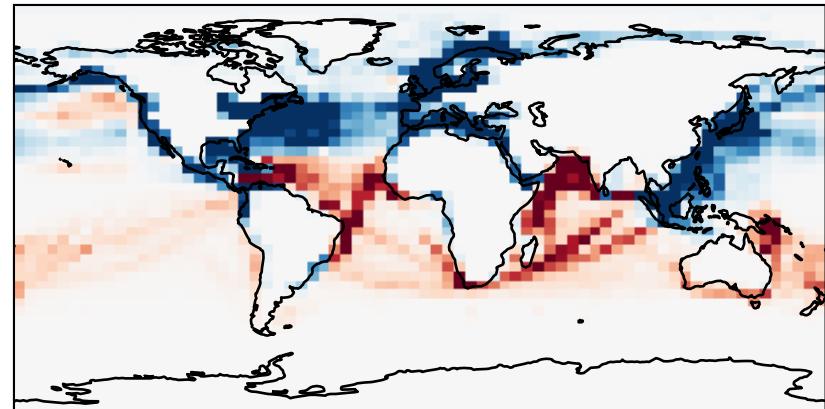
GCC_13.3.0-rc.0 (Dev)
4.0x5.0



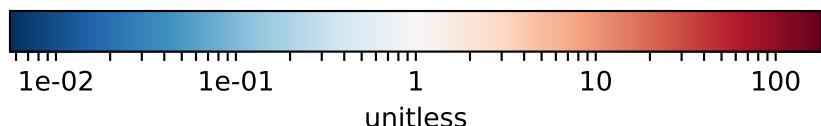
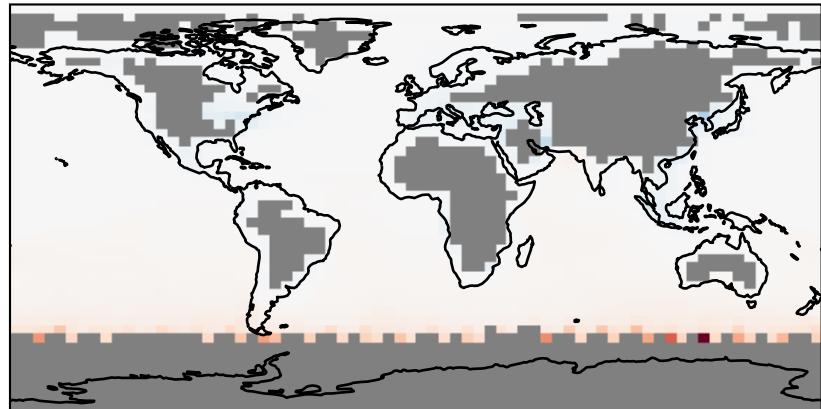
Difference
Dev - Ref, Dynamic Range



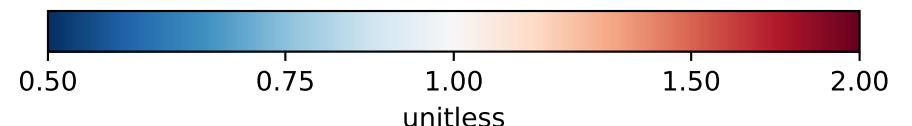
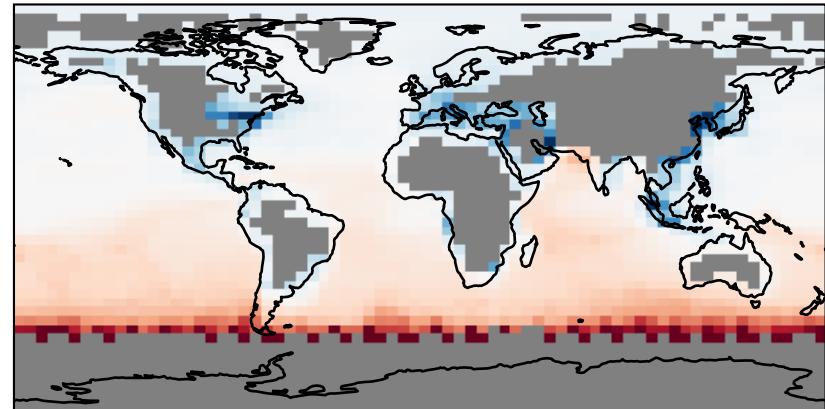
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

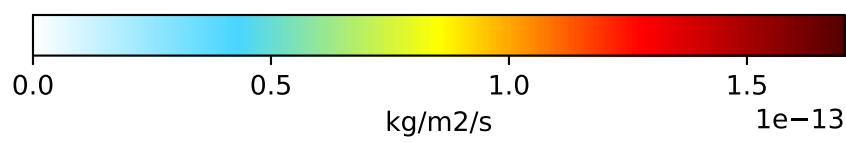
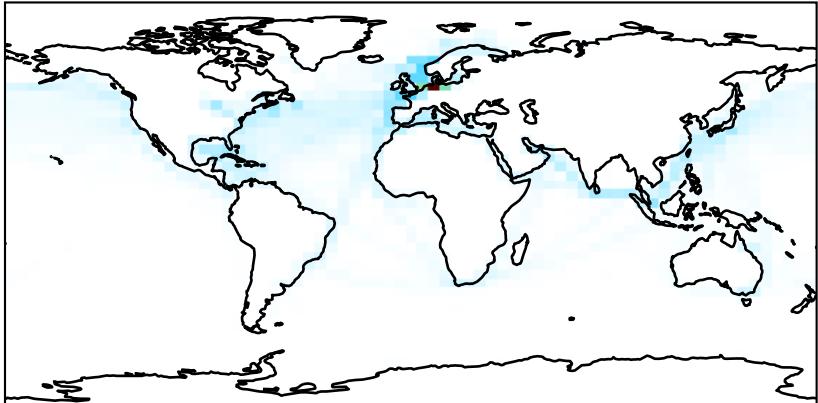


Ratio
Dev/Ref, Fixed Range

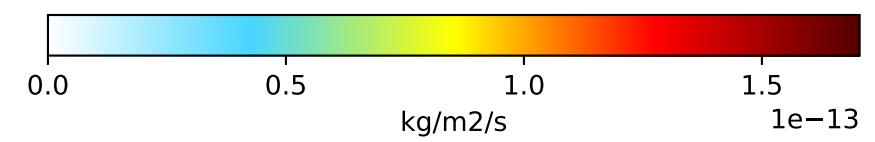
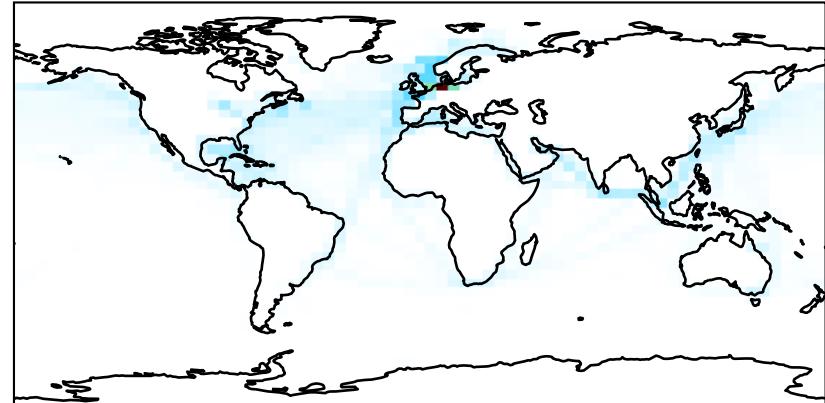


EmisOCPI_Ship

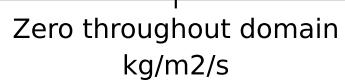
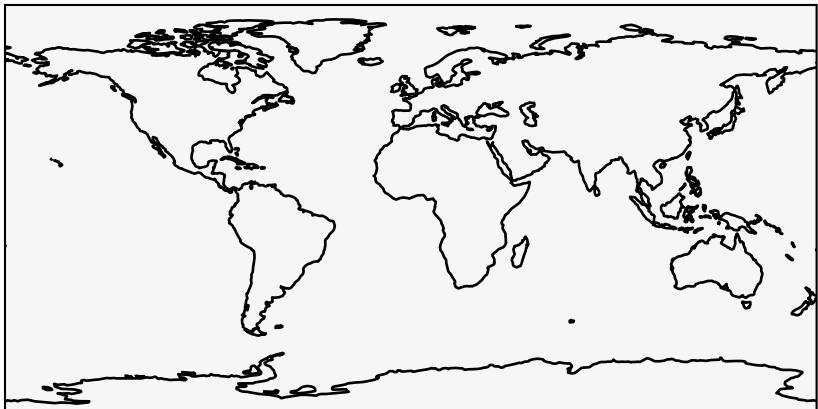
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



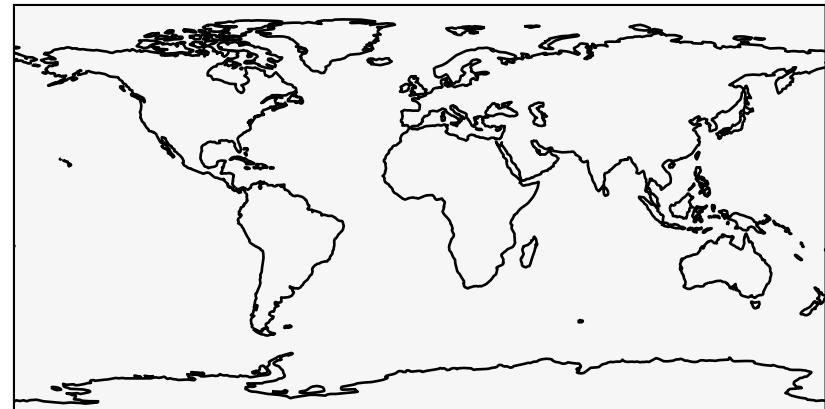
GCC_13.3.0-rc.0 (Dev)
4.0x5.0



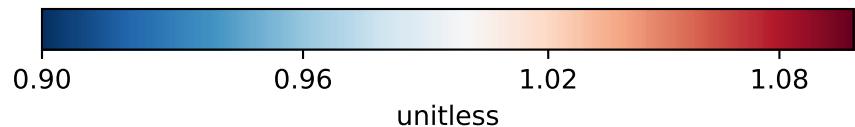
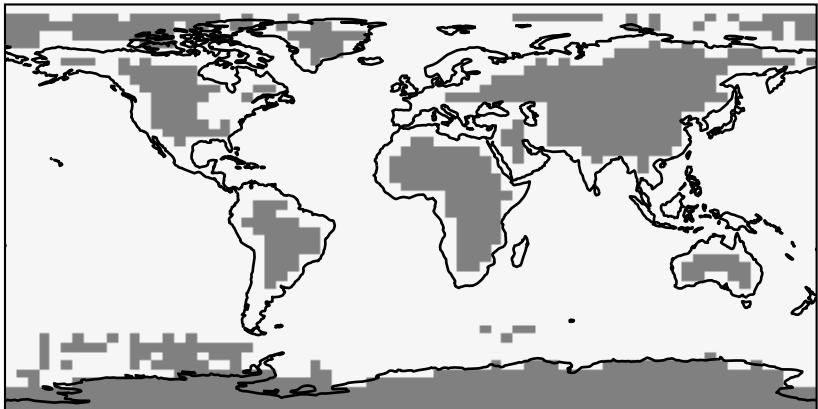
Difference
Dev - Ref, Dynamic Range



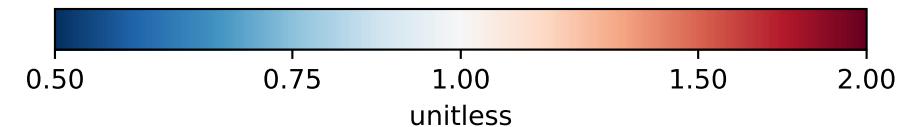
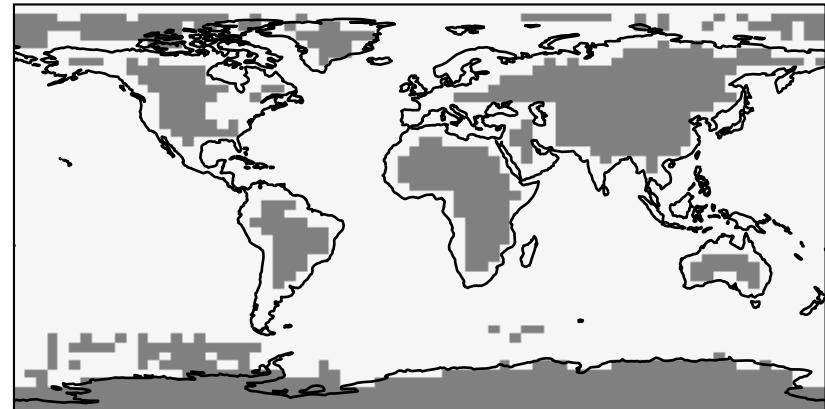
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

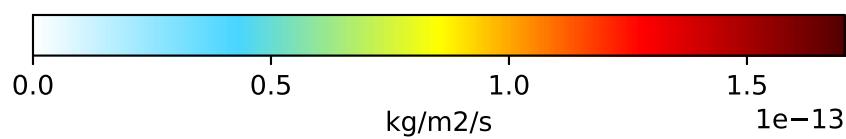
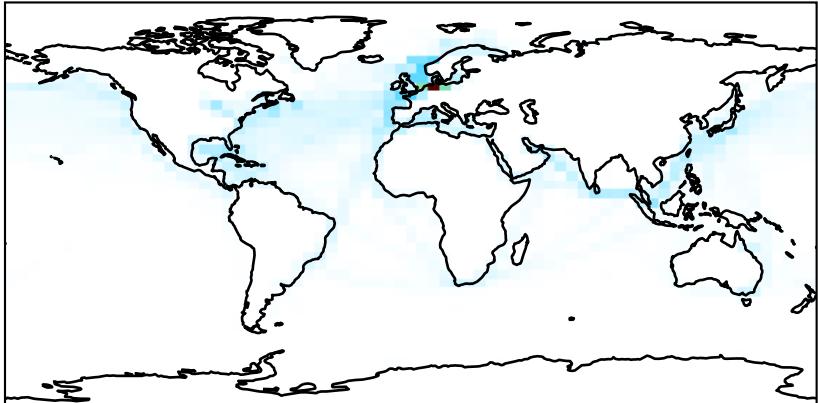


Ratio
Dev/Ref, Fixed Range

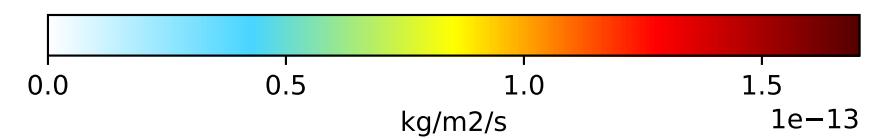
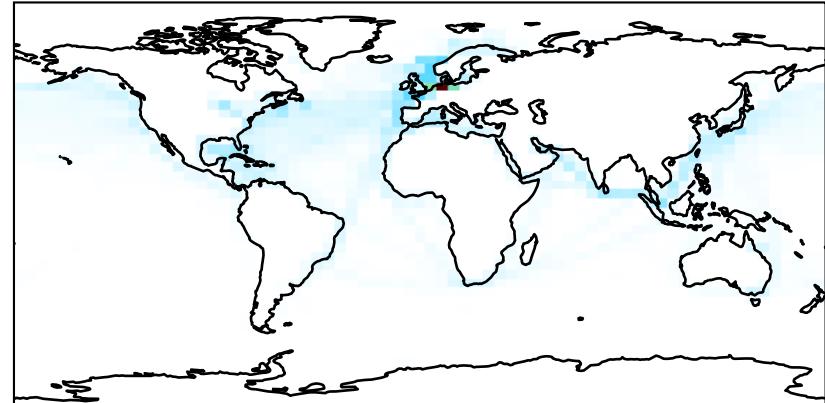


EmisOCPO_Ship

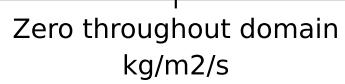
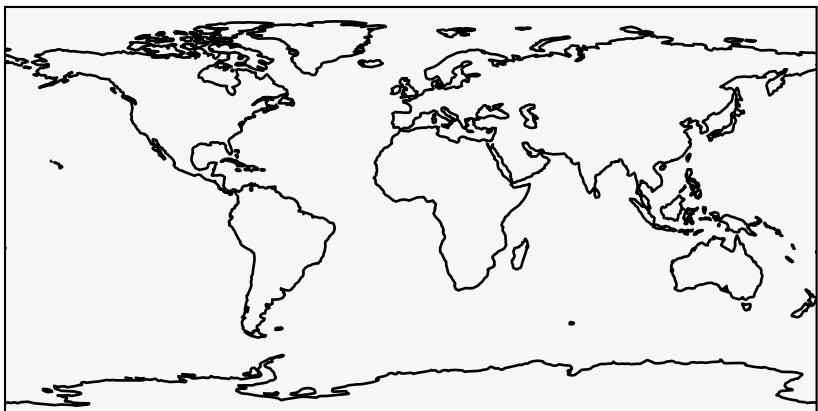
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



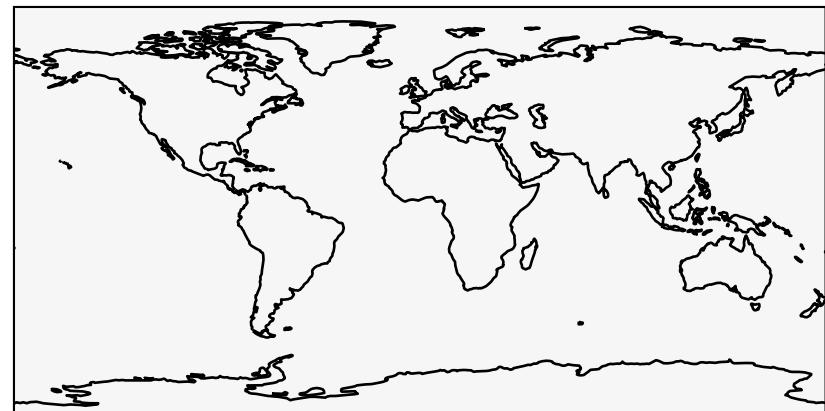
GCC_13.3.0-rc.0 (Dev)
4.0x5.0



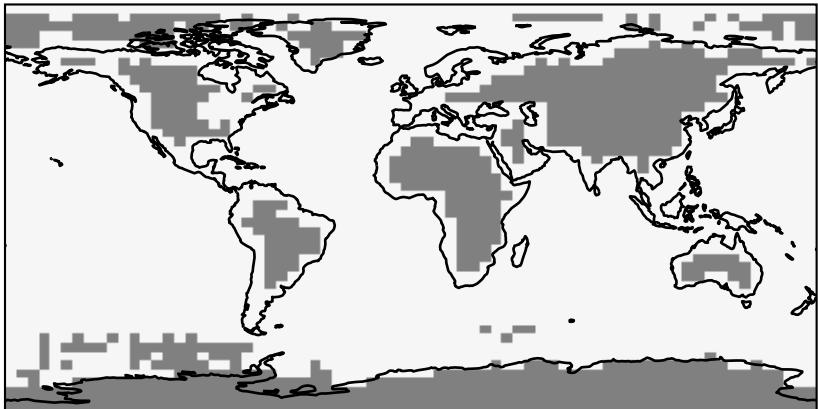
Difference
Dev - Ref, Dynamic Range



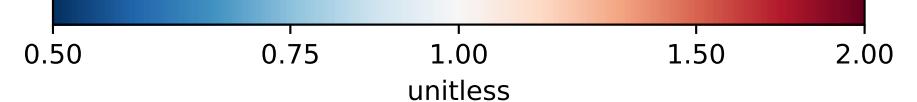
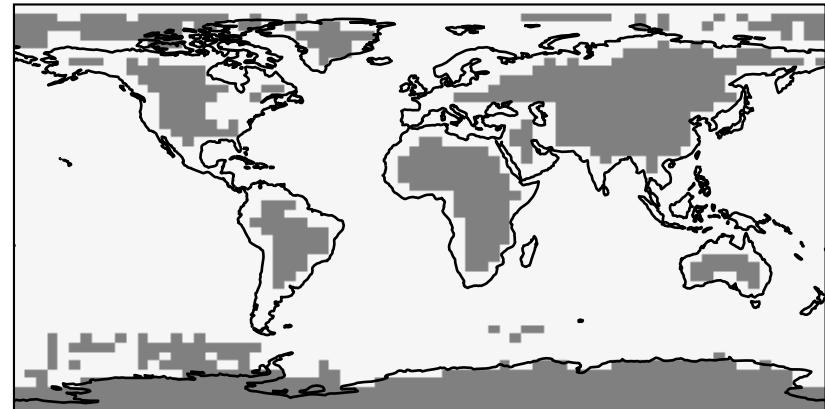
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

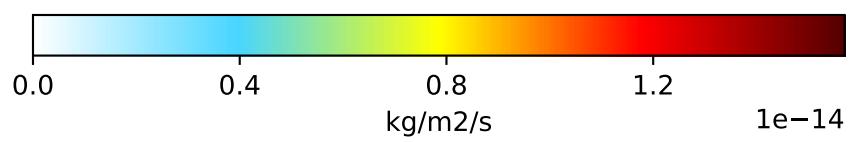
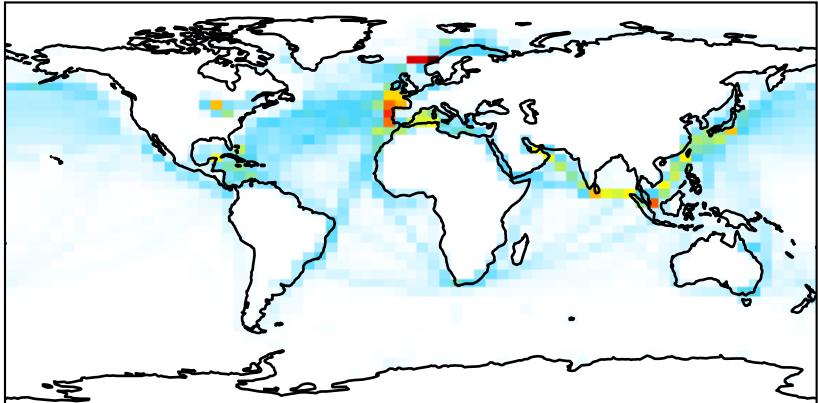


Ratio
Dev/Ref, Fixed Range

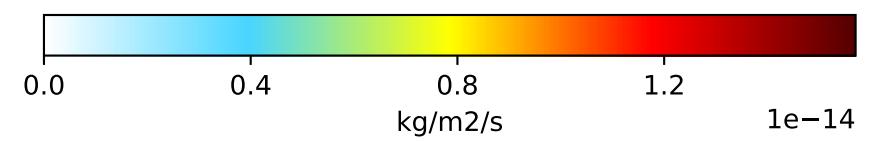
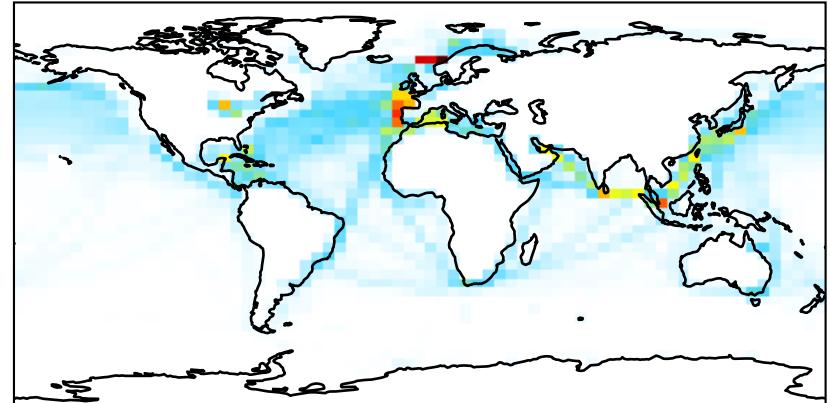


EmispFe_Ship

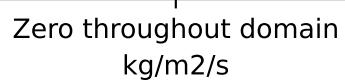
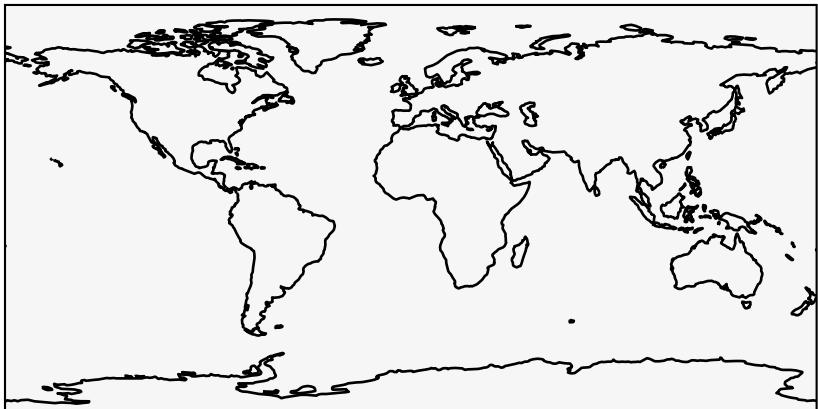
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



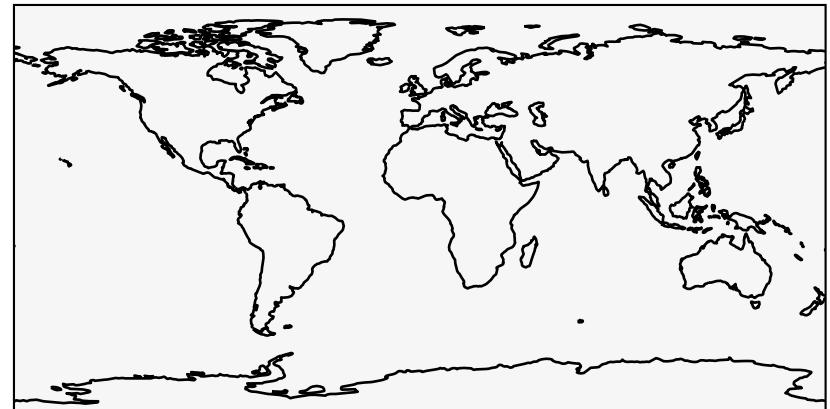
GCC_13.3.0-rc.0 (Dev)
4.0x5.0



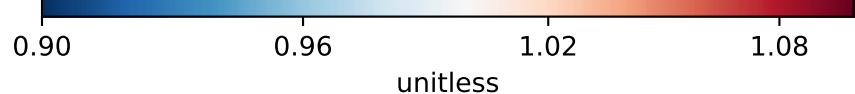
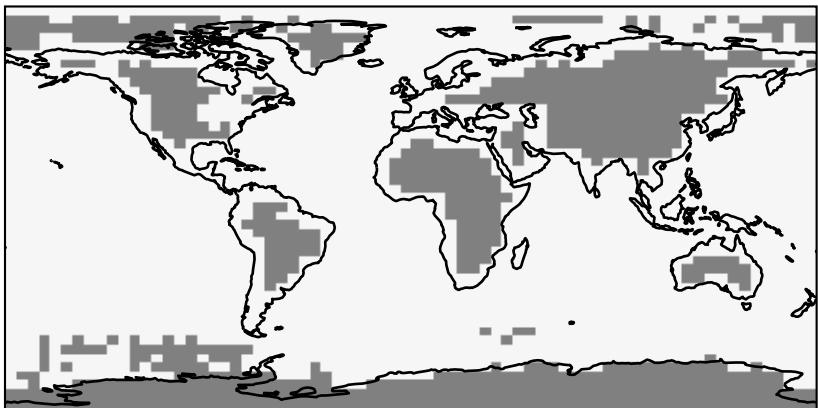
Difference
Dev - Ref, Dynamic Range



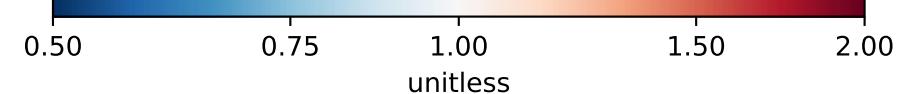
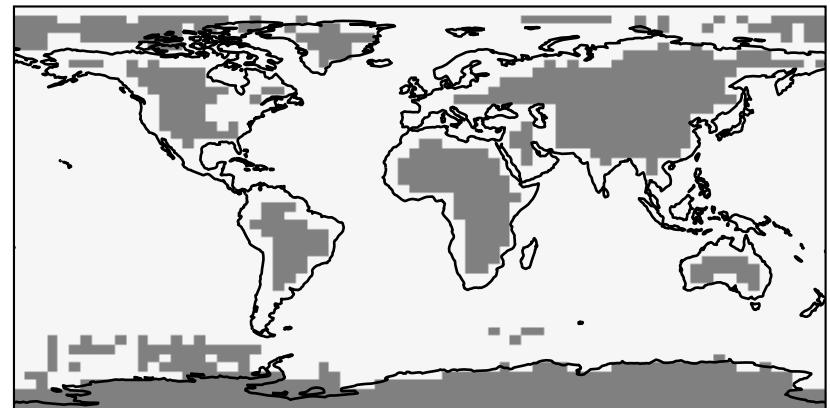
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

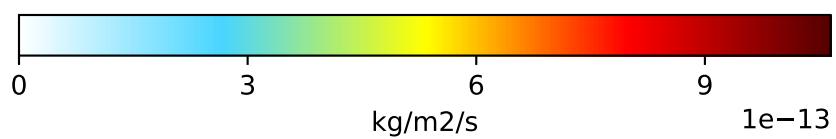
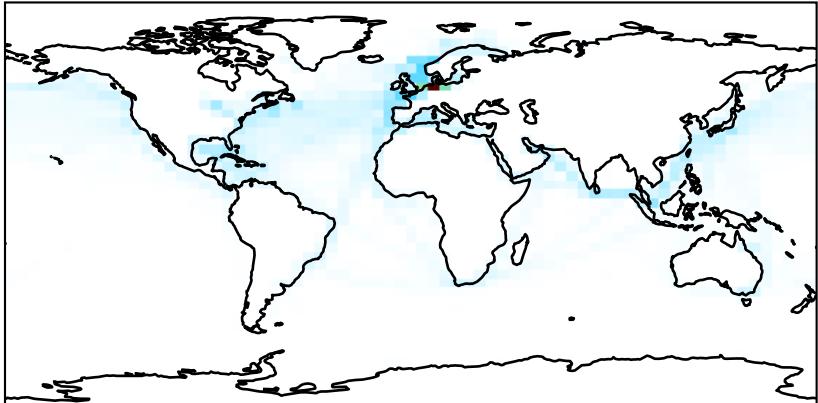


Ratio
Dev/Ref, Fixed Range

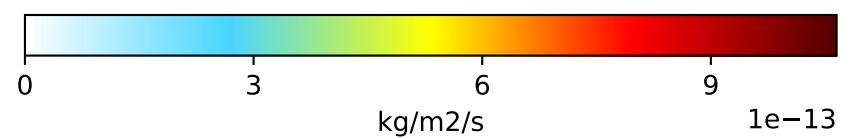
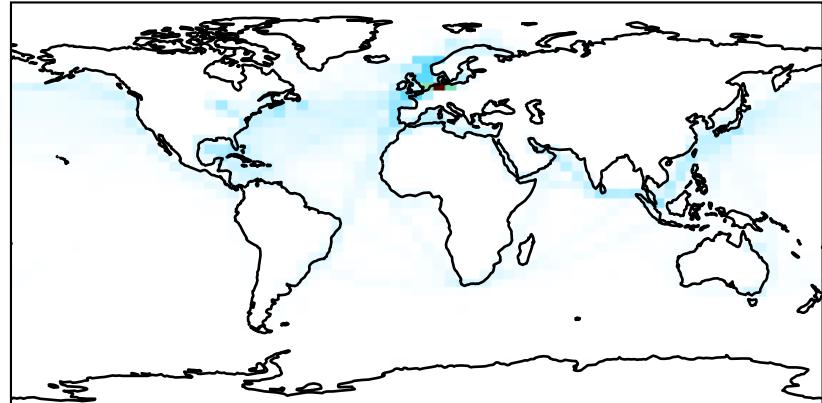


EmisPRPE_Ship

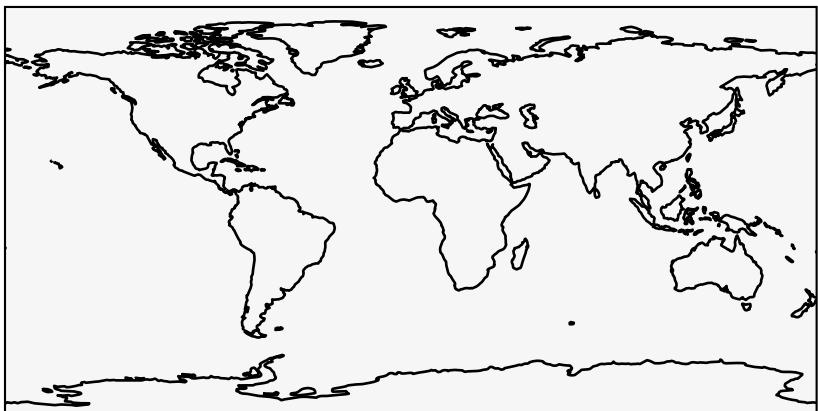
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



GCC_13.3.0-rc.0 (Dev)
4.0x5.0

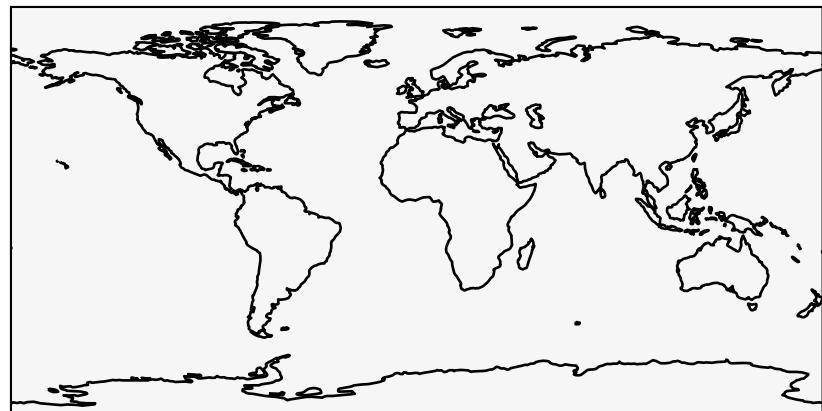


Difference
Dev - Ref, Dynamic Range



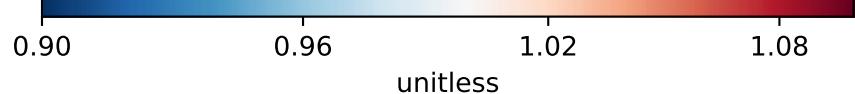
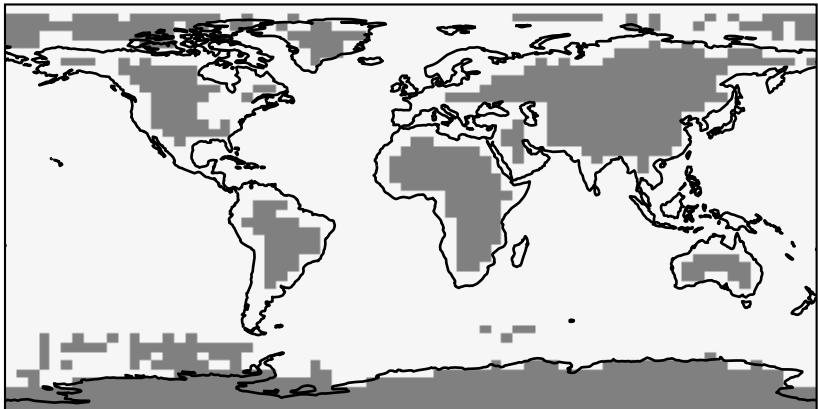
Zero throughout domain
kg/m²/s

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

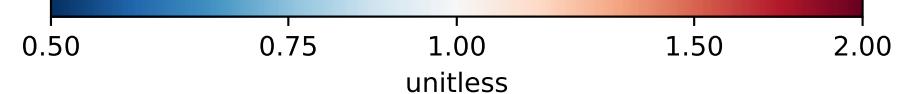
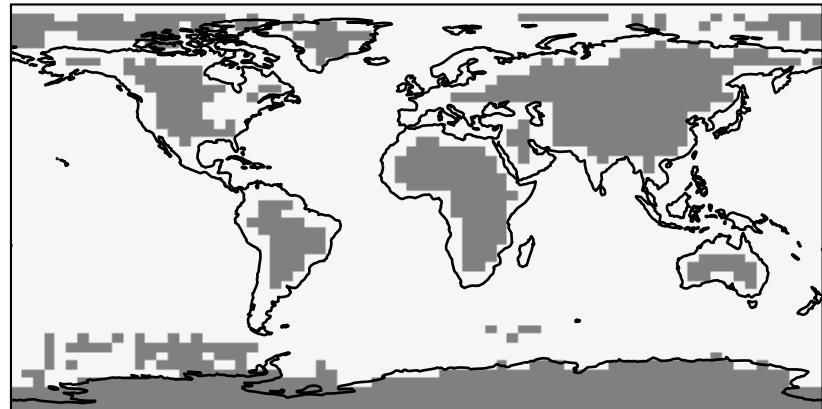


Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range

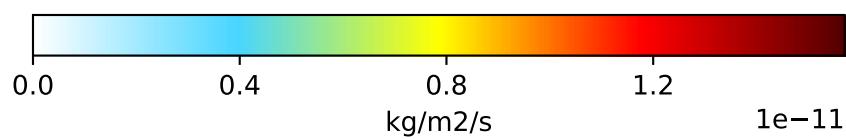
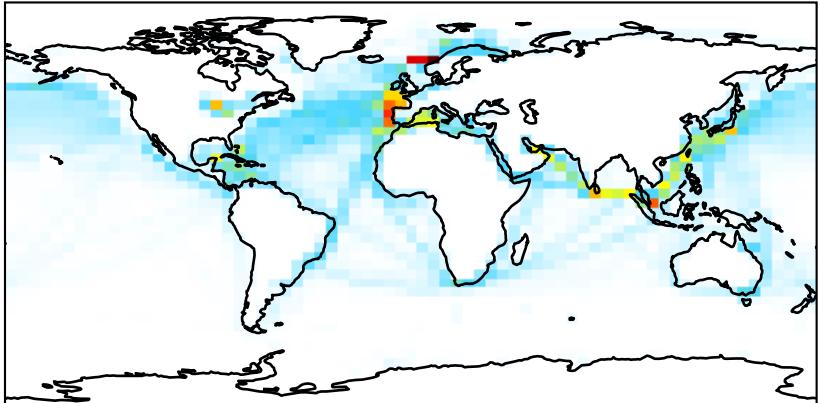


Ratio
Dev/Ref, Fixed Range

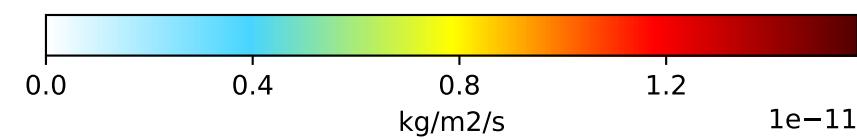
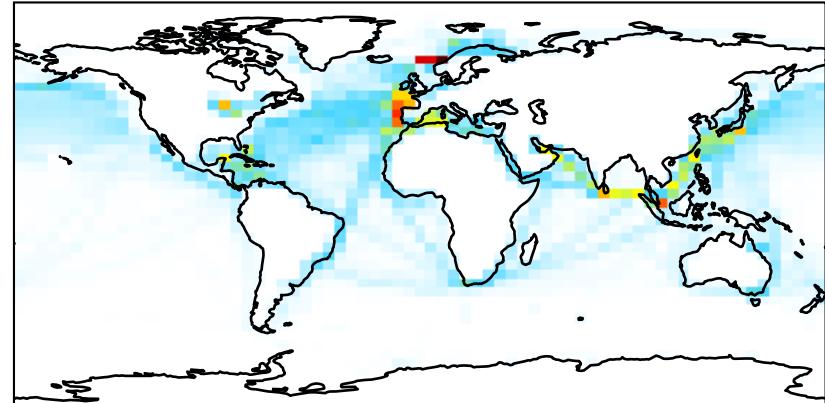


EmisSO2_Ship

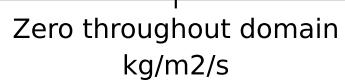
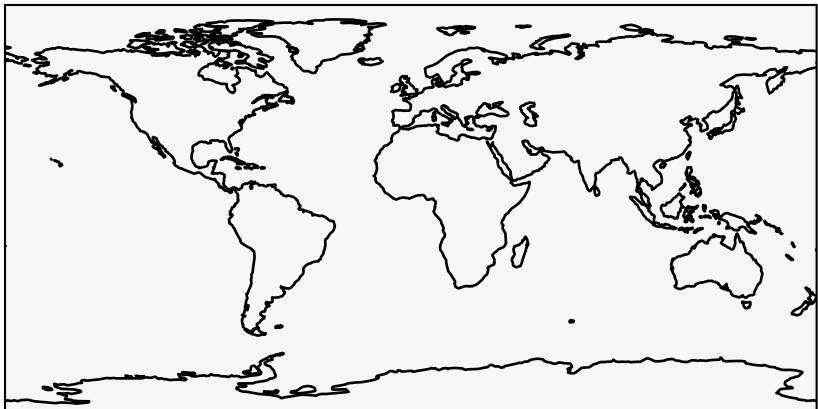
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



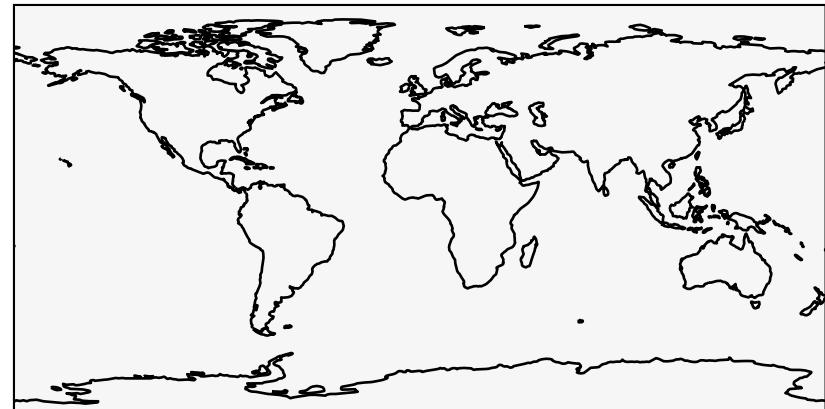
GCC_13.3.0-rc.0 (Dev)
4.0x5.0



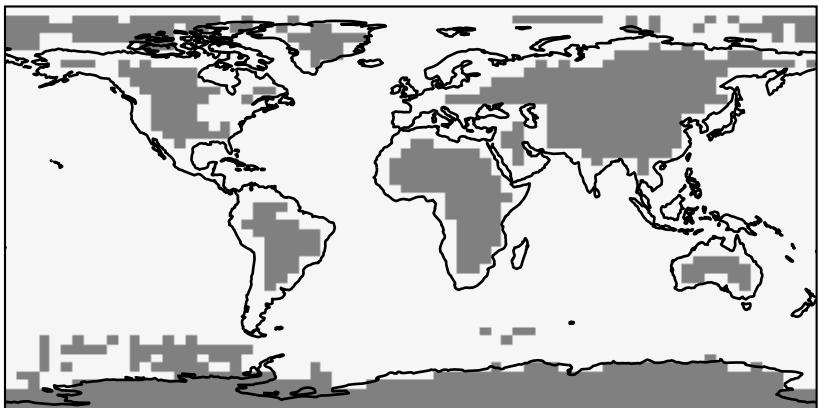
Difference
Dev - Ref, Dynamic Range



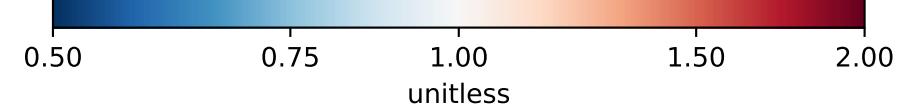
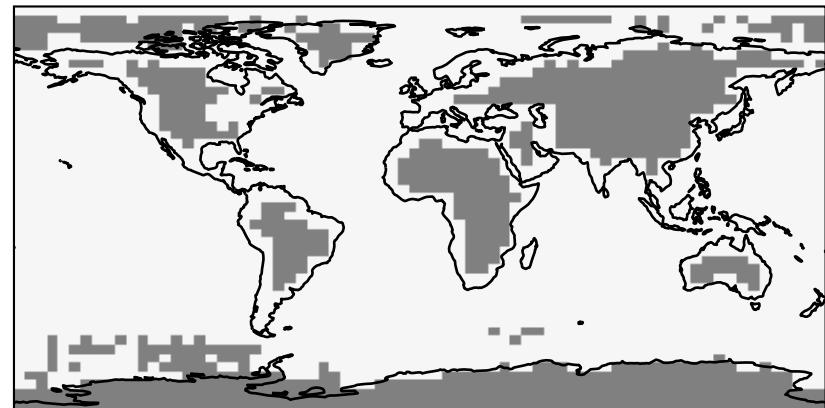
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

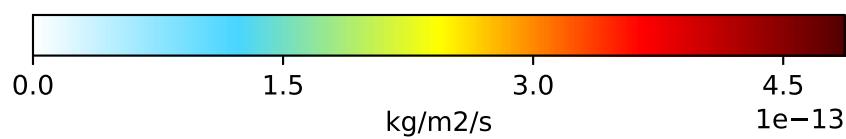
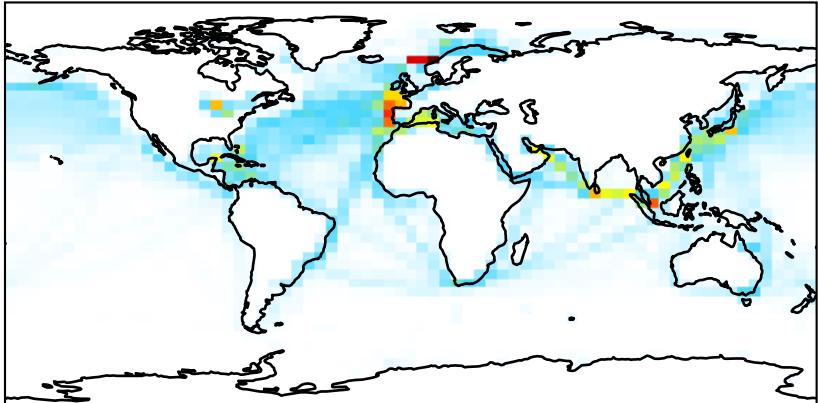


Ratio
Dev/Ref, Fixed Range

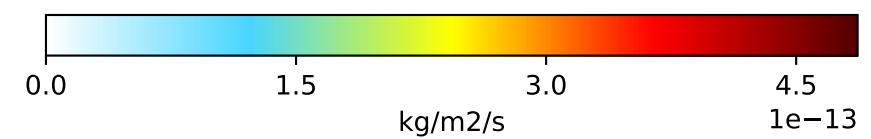
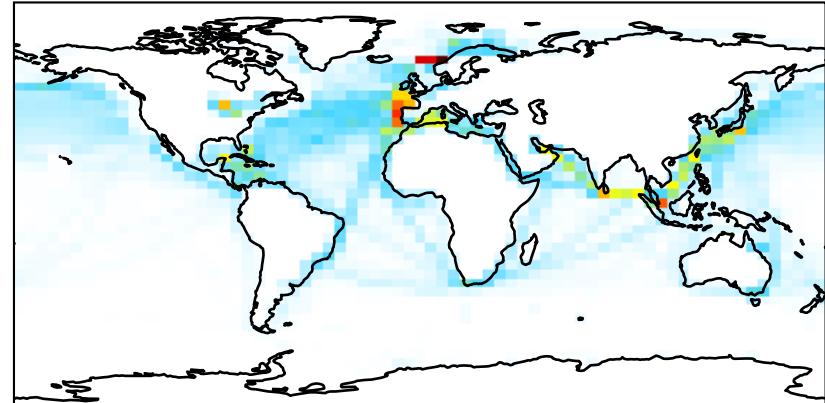


EmisSO4_Ship

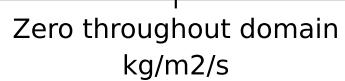
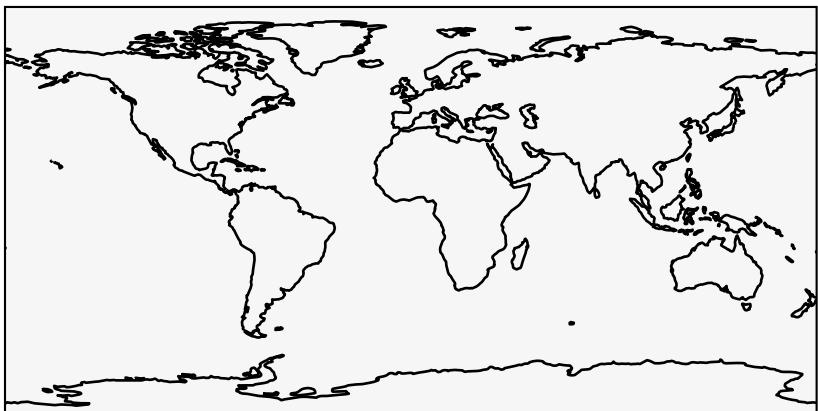
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



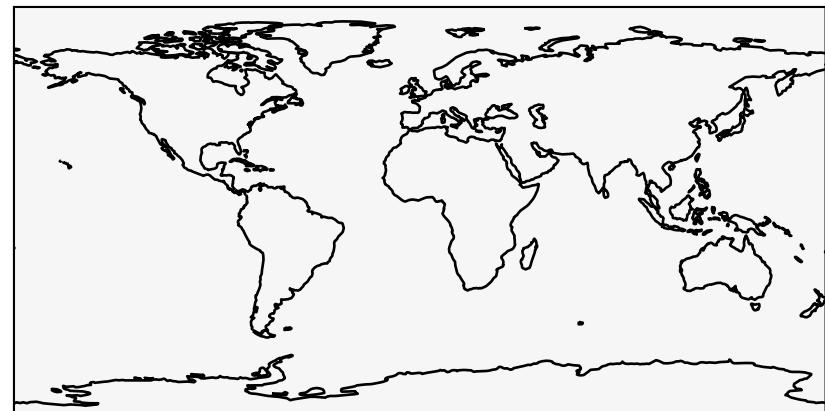
GCC_13.3.0-rc.0 (Dev)
4.0x5.0



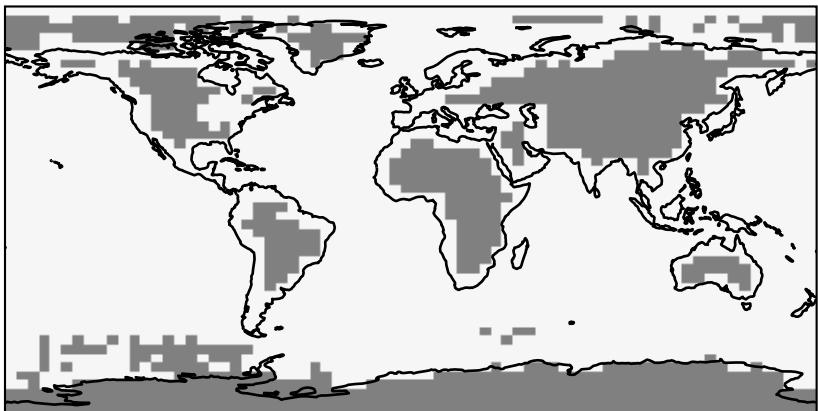
Difference
Dev - Ref, Dynamic Range



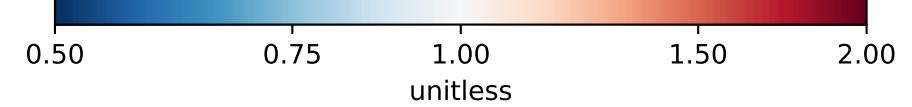
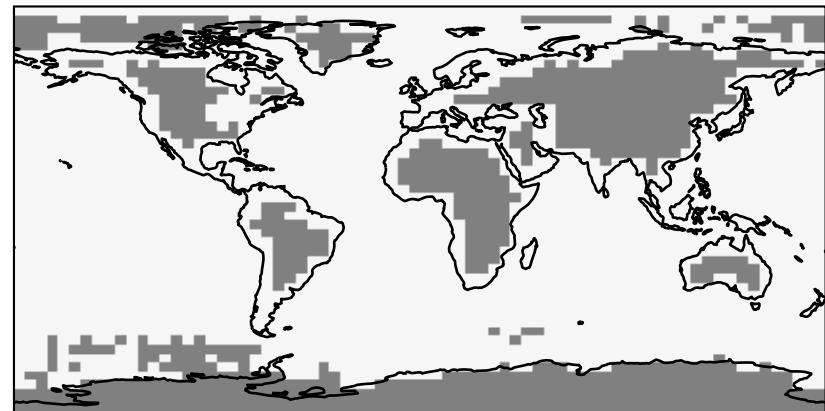
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

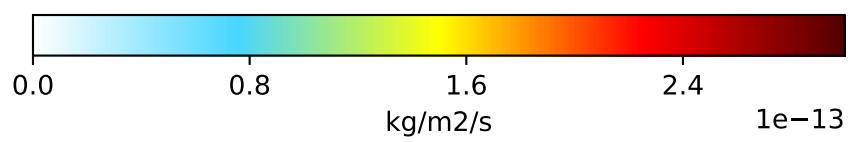
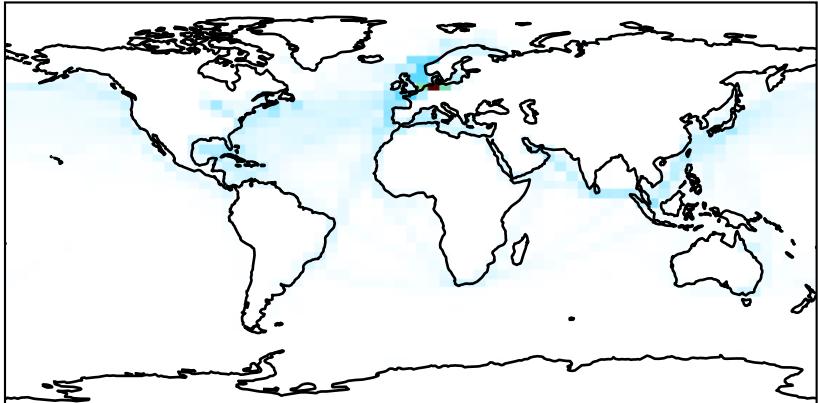


Ratio
Dev/Ref, Fixed Range

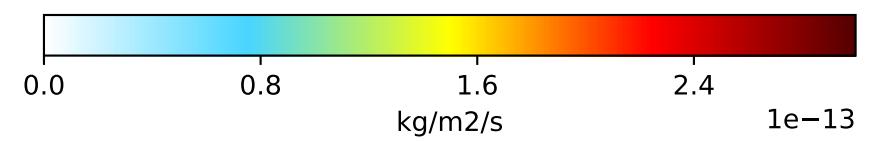
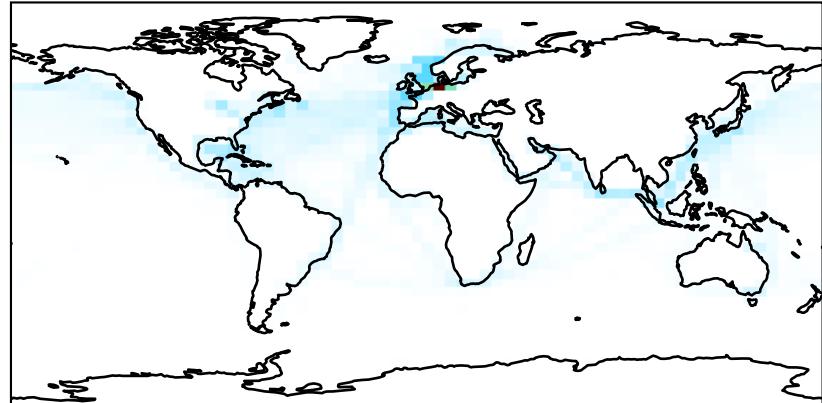


EmisSOAP_Ship

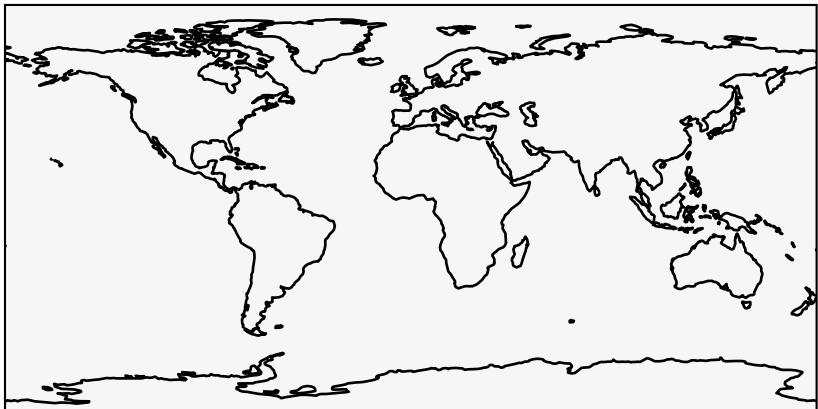
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



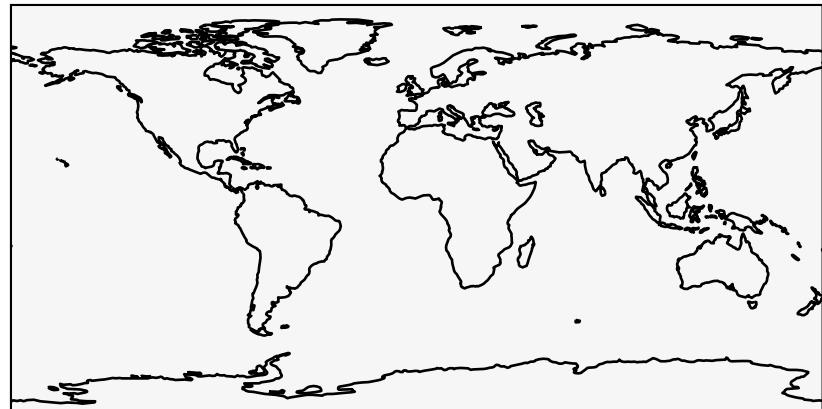
GCC_13.3.0-rc.0 (Dev)
4.0x5.0



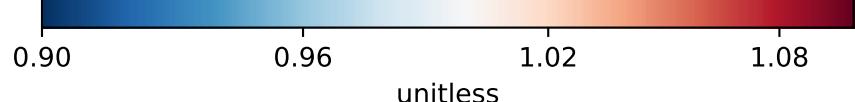
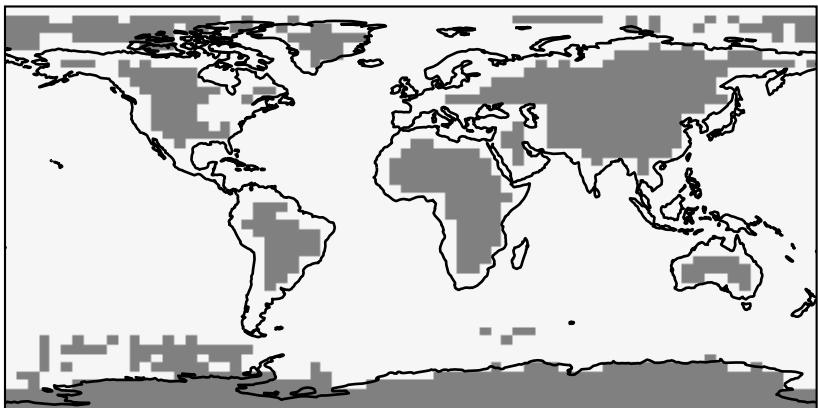
Difference
Dev - Ref, Dynamic Range



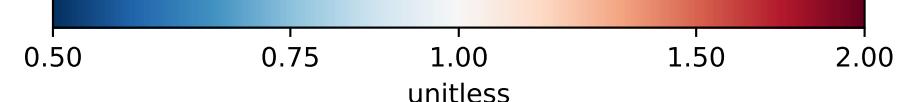
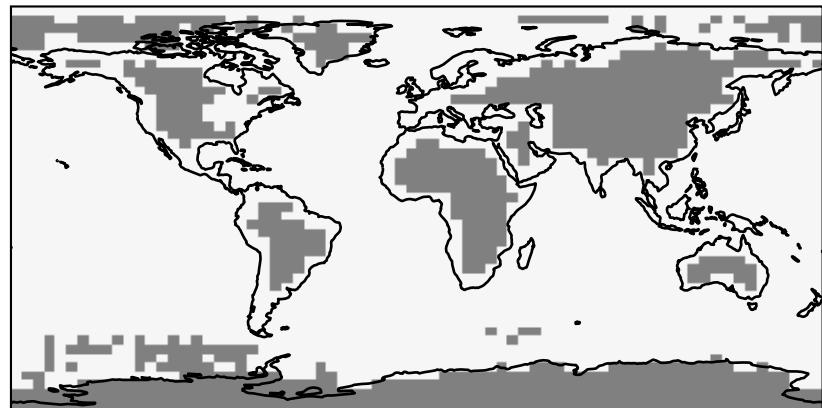
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

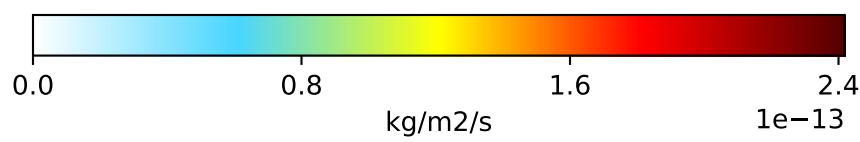
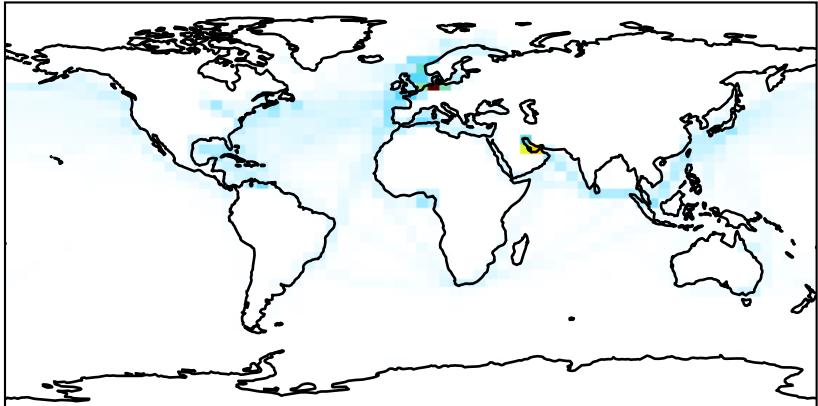


Ratio
Dev/Ref, Fixed Range

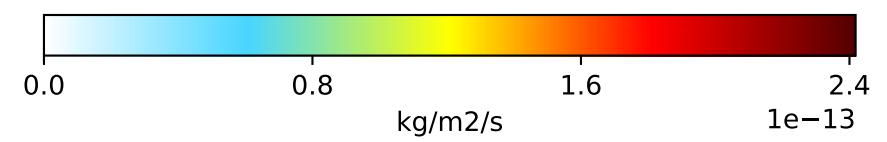
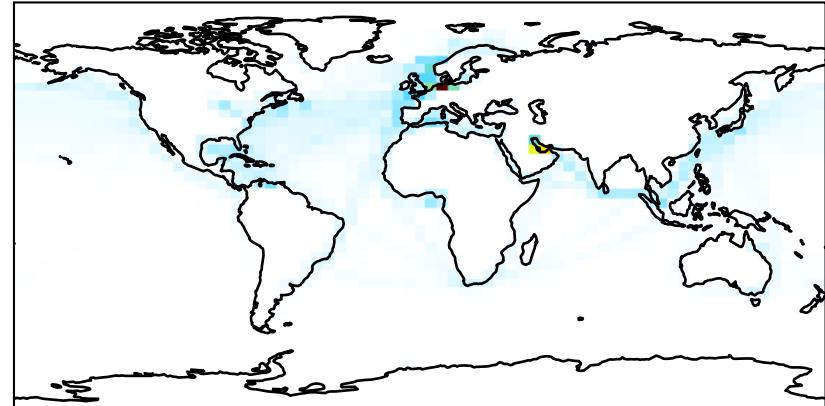


EmisTOLU_Ship

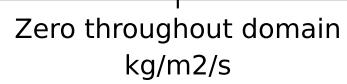
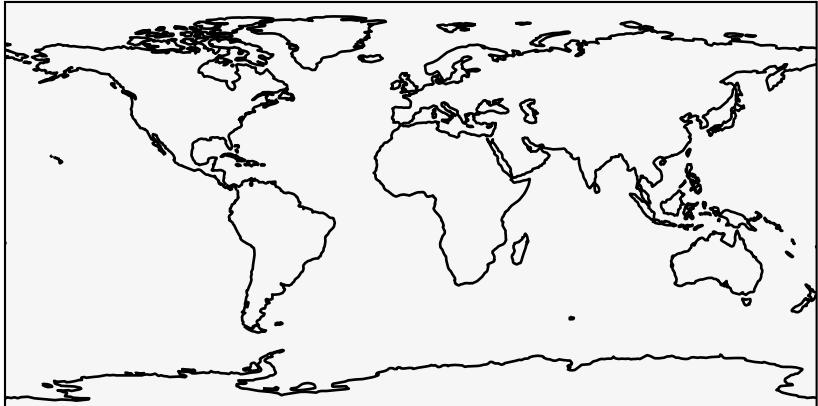
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



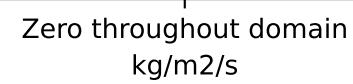
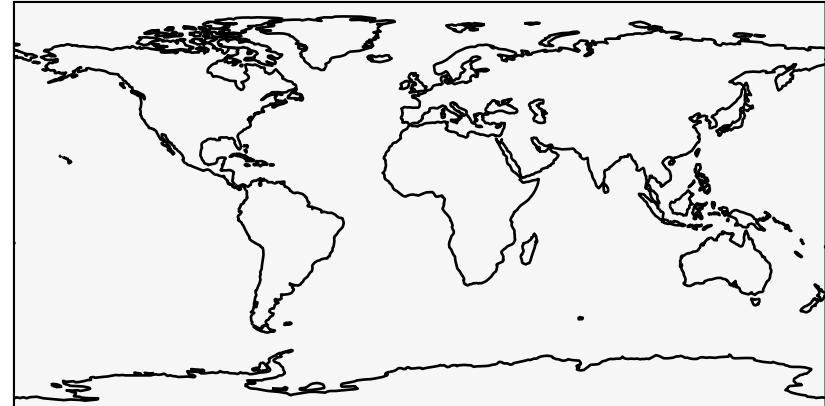
GCC_13.3.0-rc.0 (Dev)
4.0x5.0



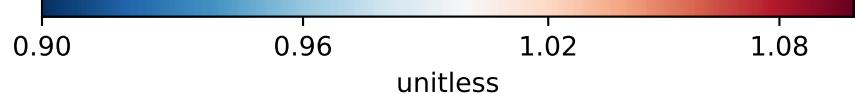
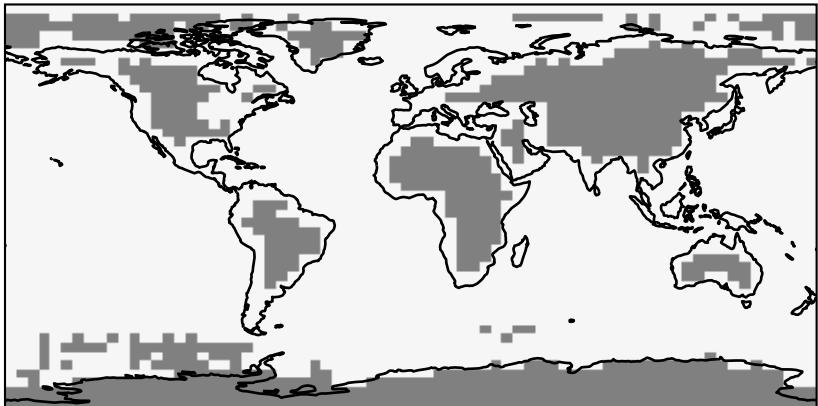
Difference
Dev - Ref, Dynamic Range



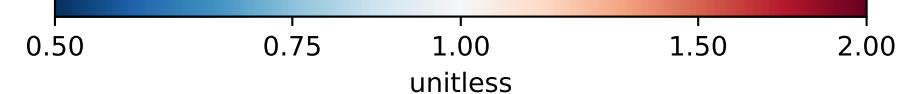
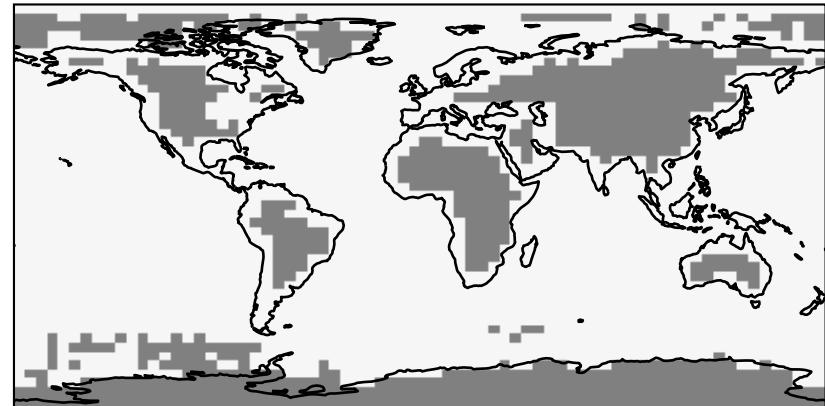
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

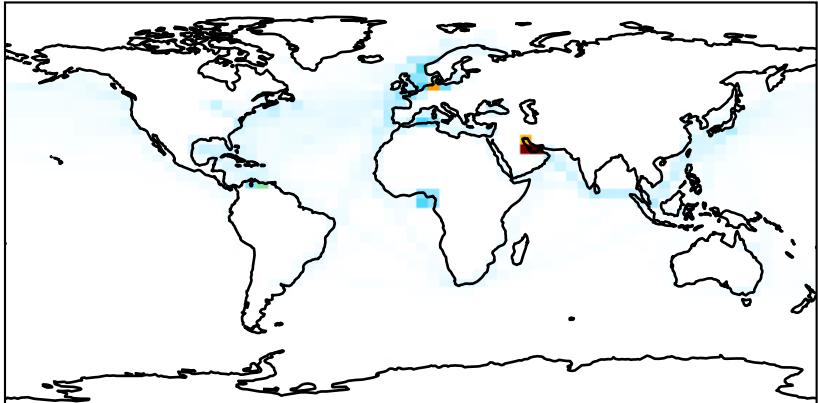


Ratio
Dev/Ref, Fixed Range

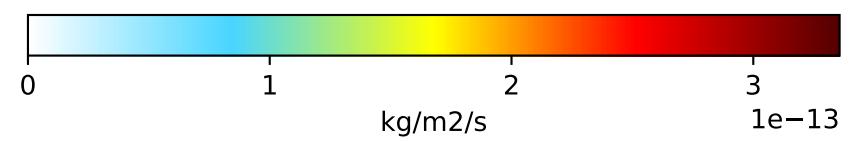
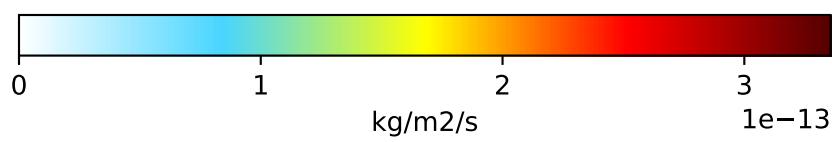
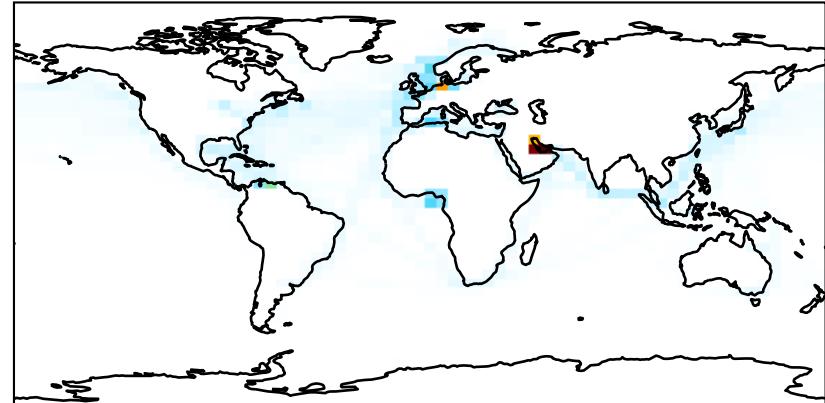


EmisXYLE_Ship

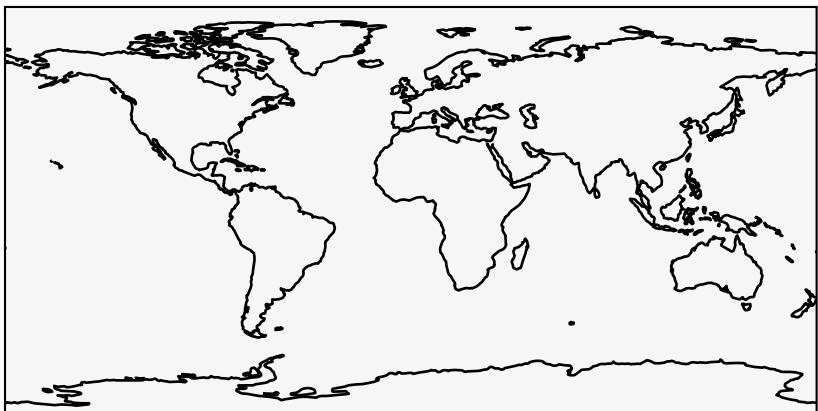
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



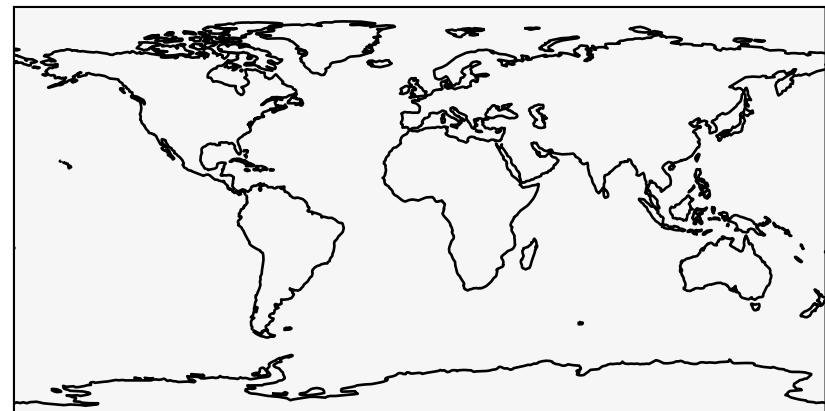
GCC_13.3.0-rc.0 (Dev)
4.0x5.0



Difference
Dev - Ref, Dynamic Range



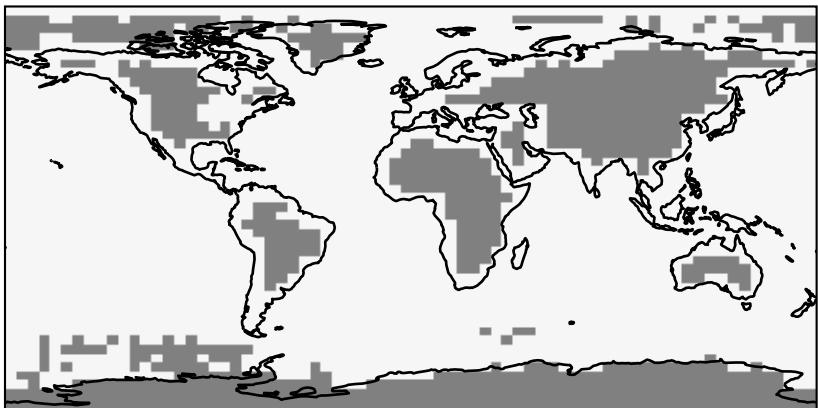
Difference
Dev - Ref, Restricted Range [5%, 95%]



Zero throughout domain
kg/m²/s

Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

