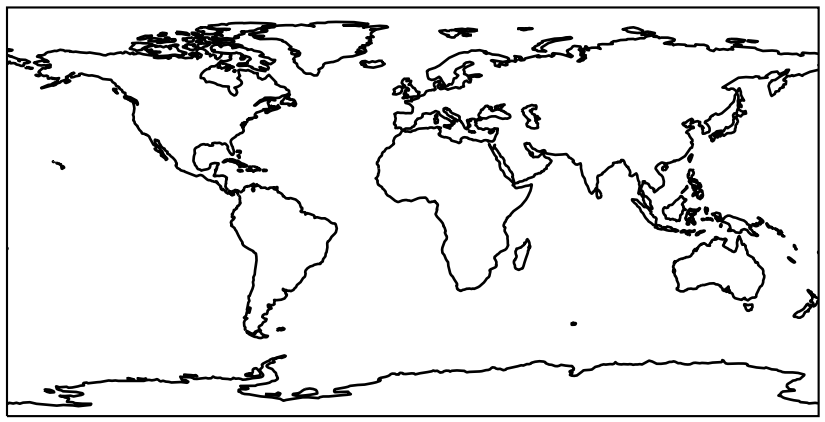
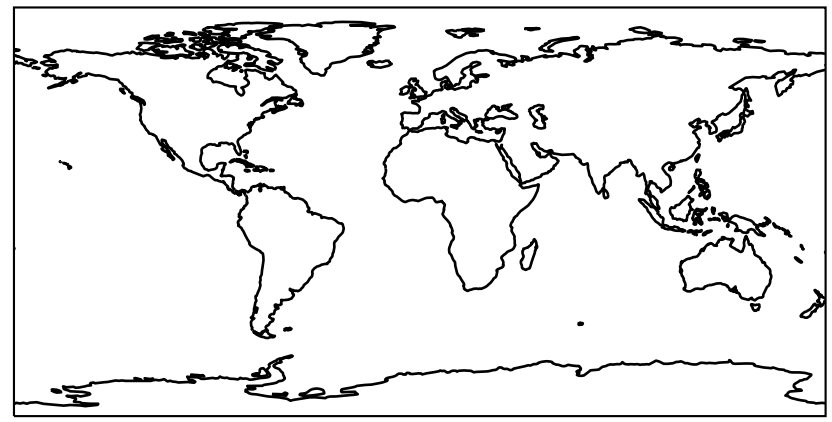
EmisALD2_Ship

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



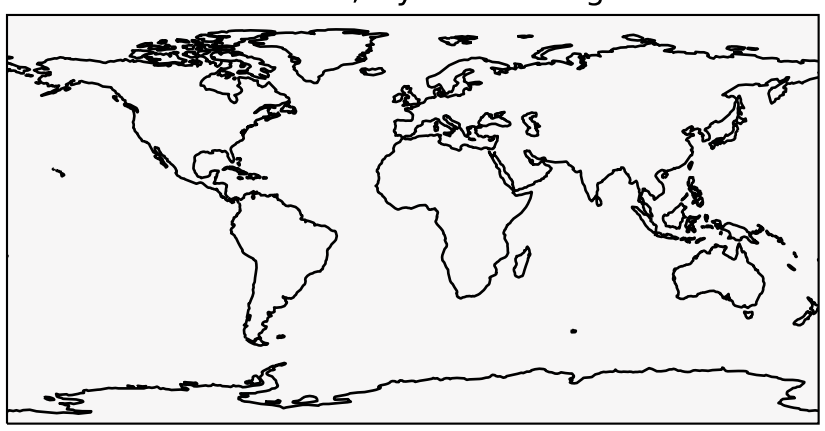
Zero throughout domain
kg/m2/s

GCC_13.2.0-beta.0-LuoWetdep (Dev)
4.0x5.0



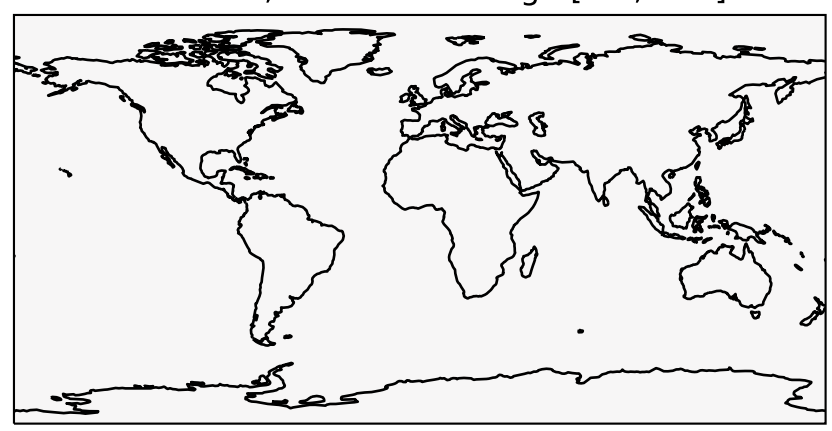
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



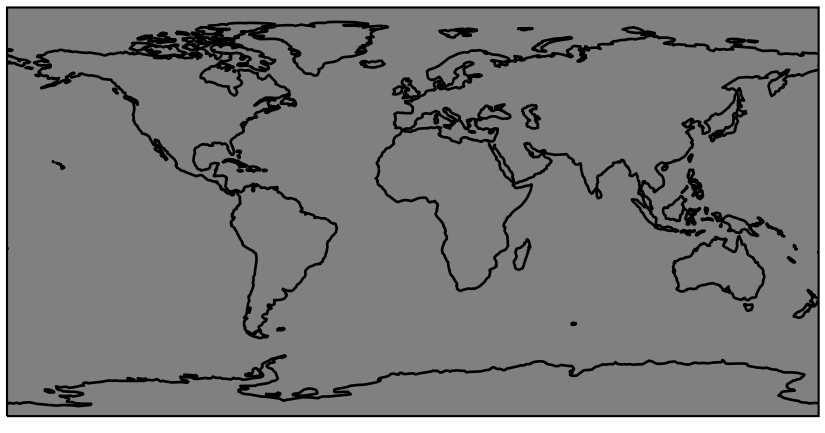
Zero throughout domain
kg/m2/s

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



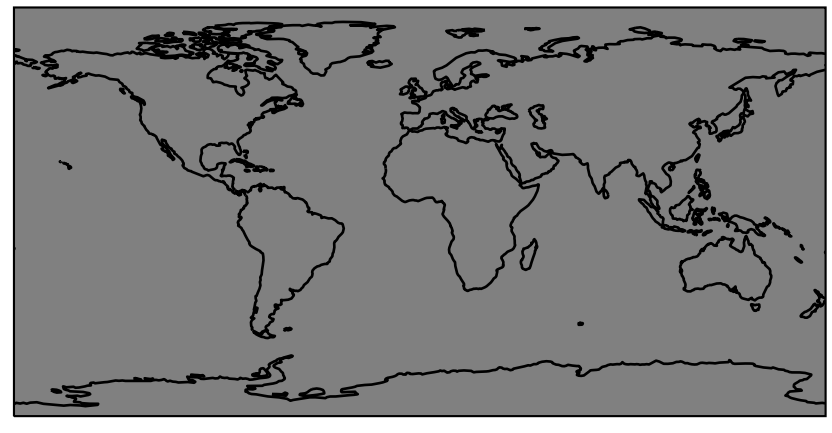
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

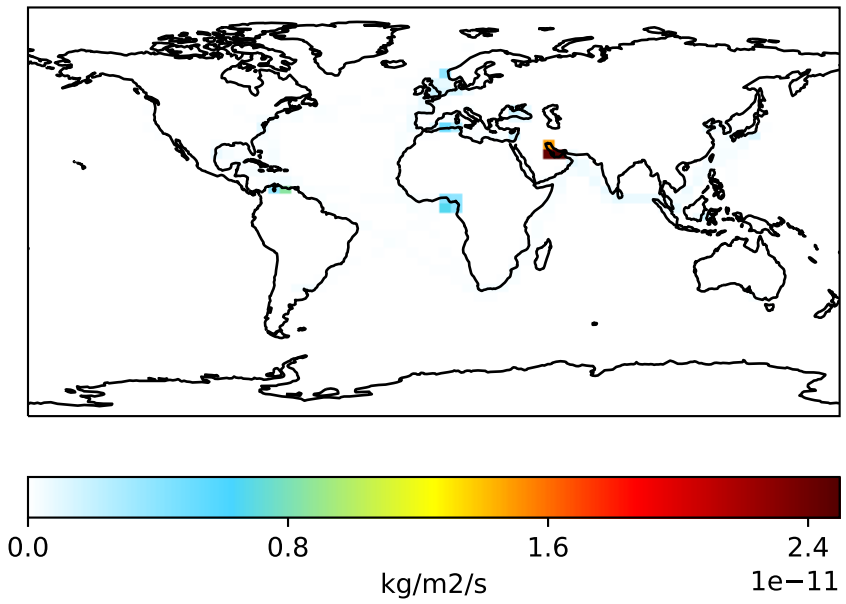
Ratio
Dev/Ref, Fixed Range



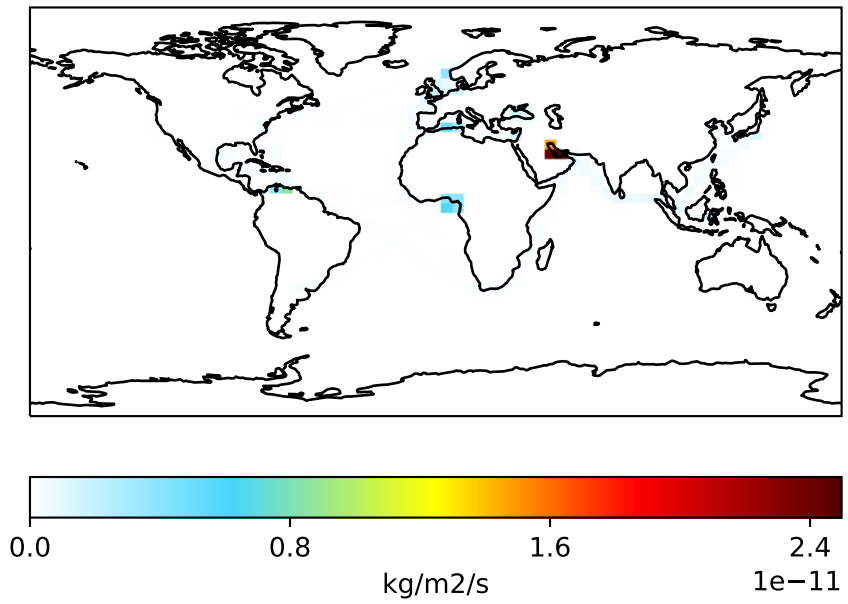
Undefined throughout domain
unitless

EmisALK4_Ship

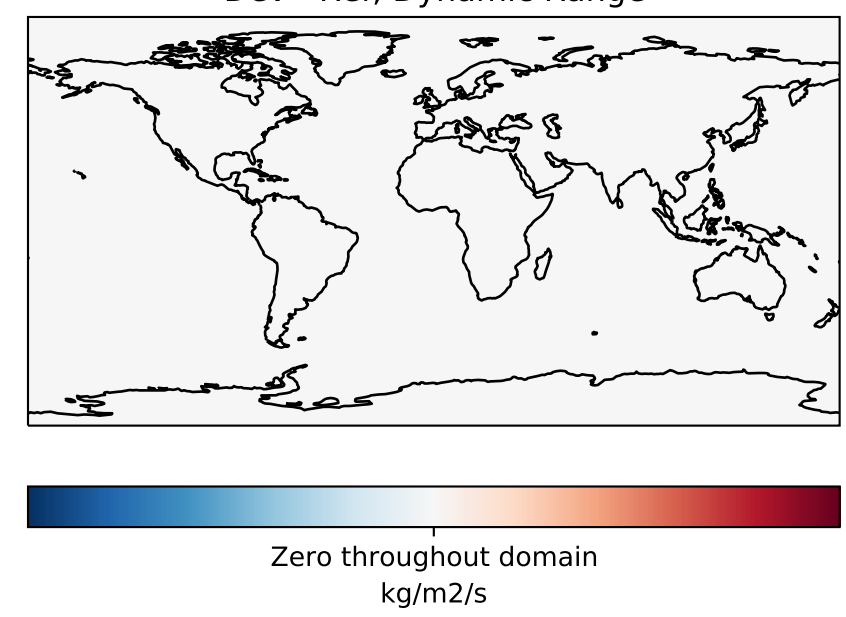
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



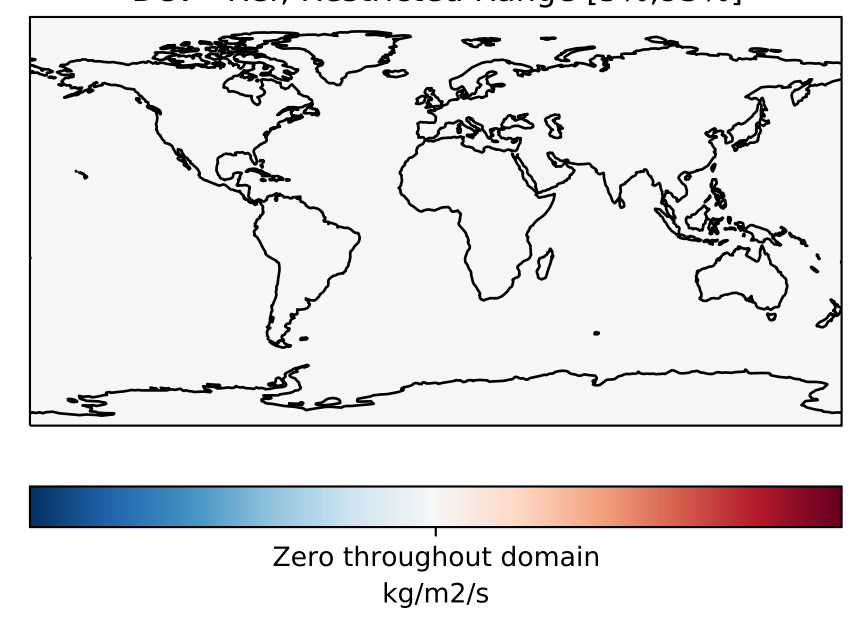
GCC_13.2.0-beta.0-LuoWetdep (Dev)
4.0x5.0



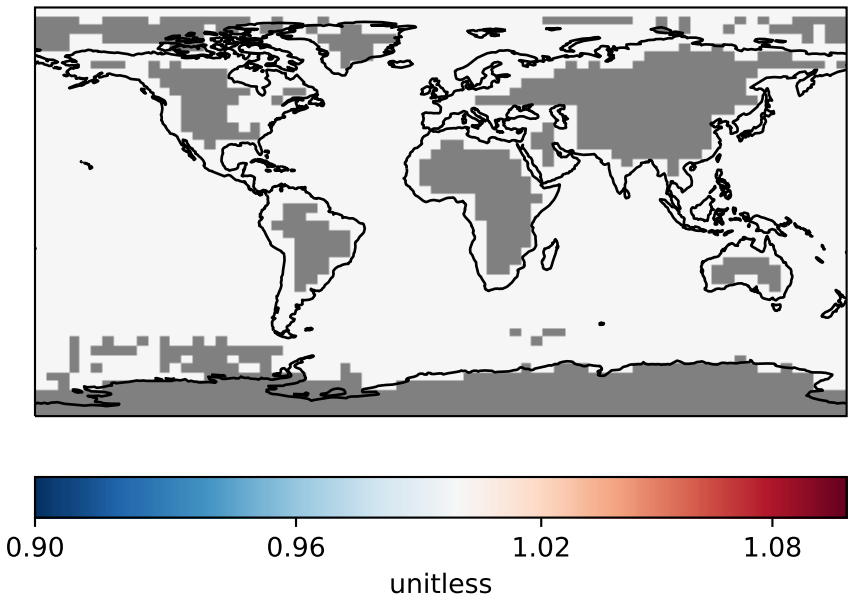
Difference
Dev - Ref, Dynamic Range



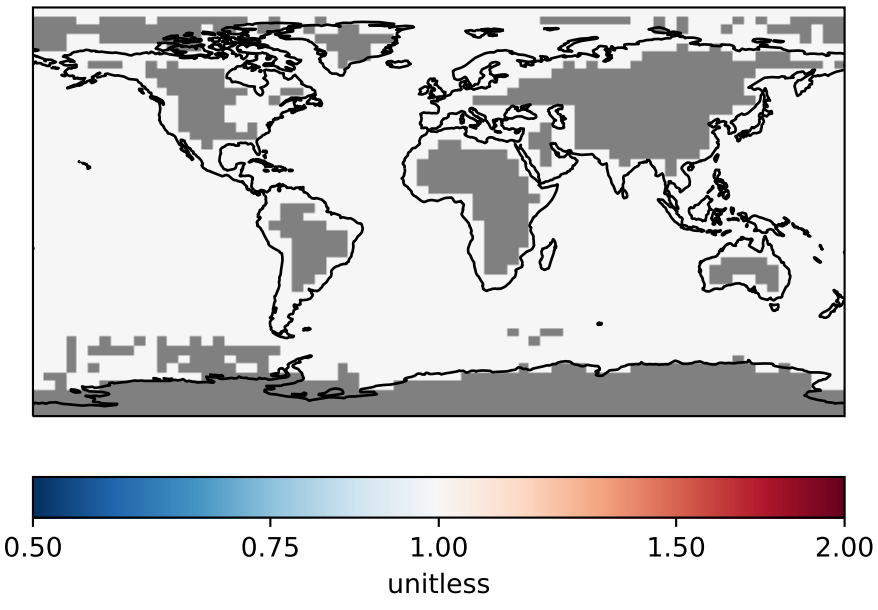
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

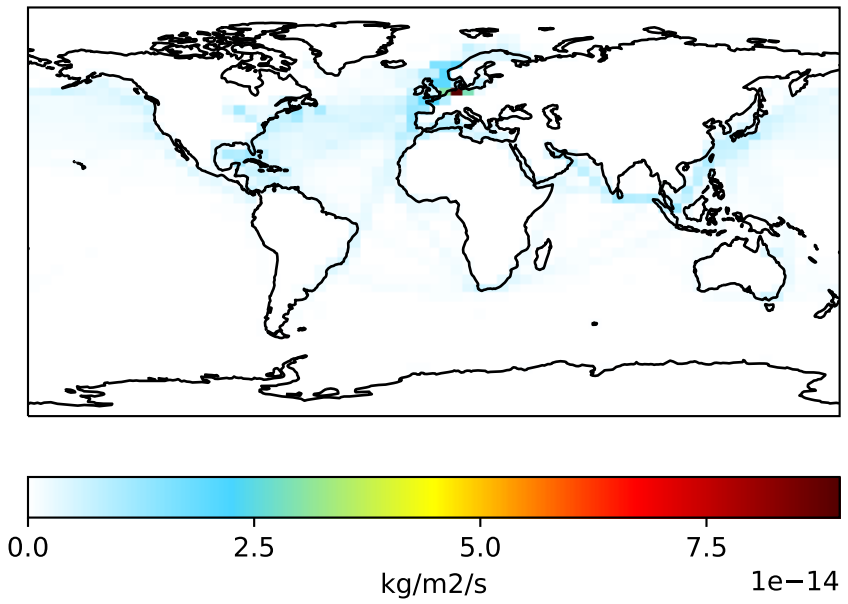


Ratio
Dev/Ref, Fixed Range

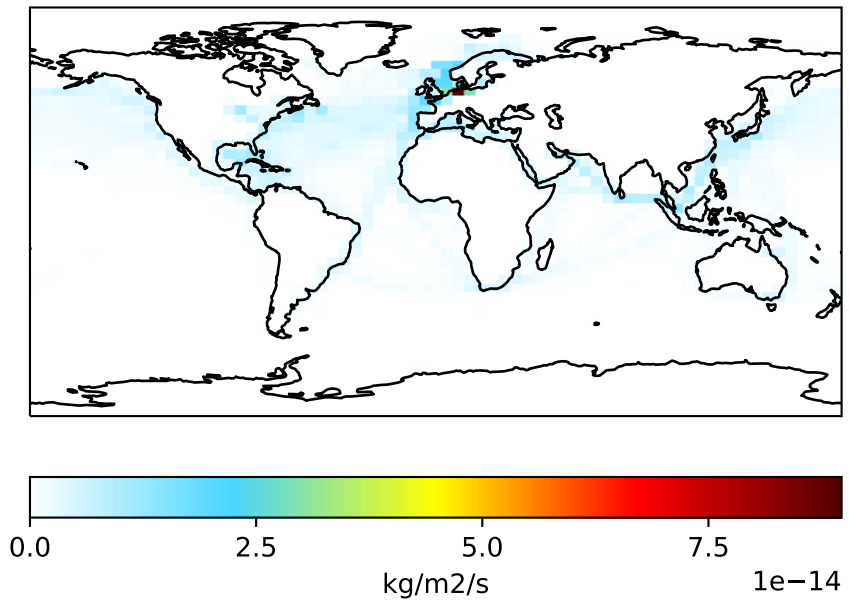


EmisBCPI_Ship

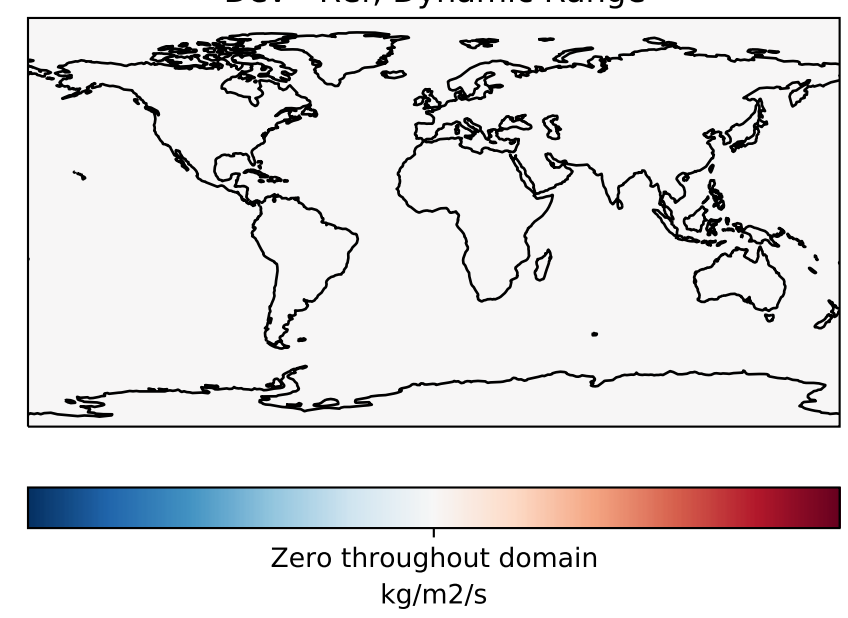
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



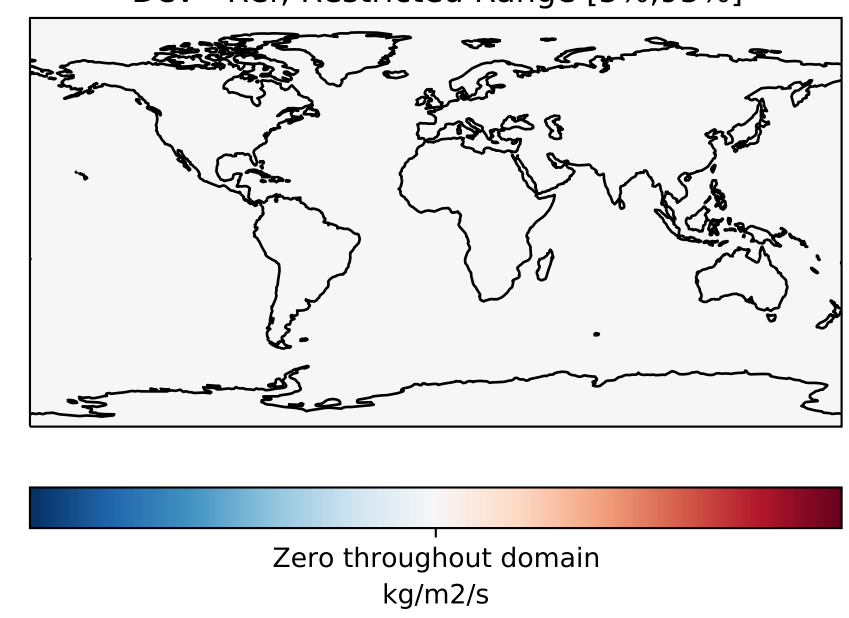
GCC_13.2.0-beta.0-LuoWetdep (Dev)
4.0x5.0



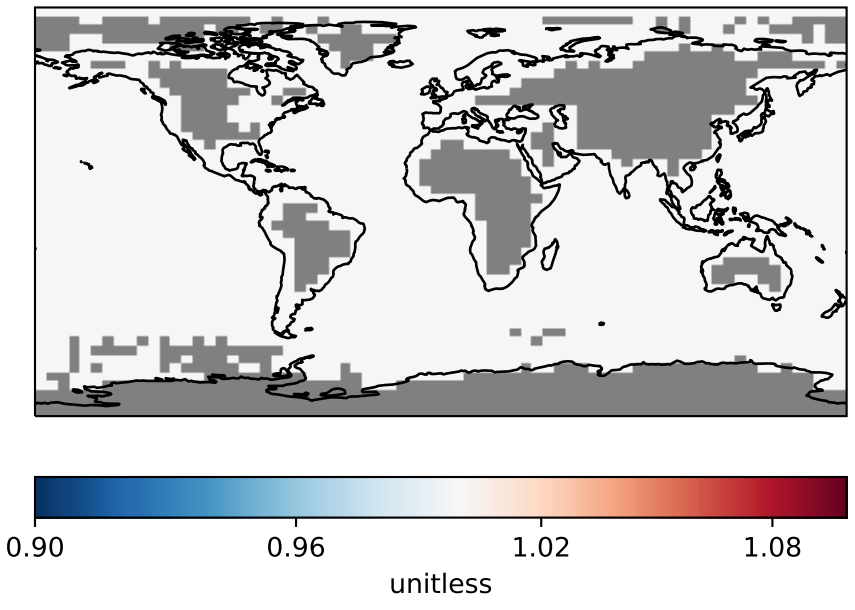
Difference
Dev - Ref, Dynamic Range



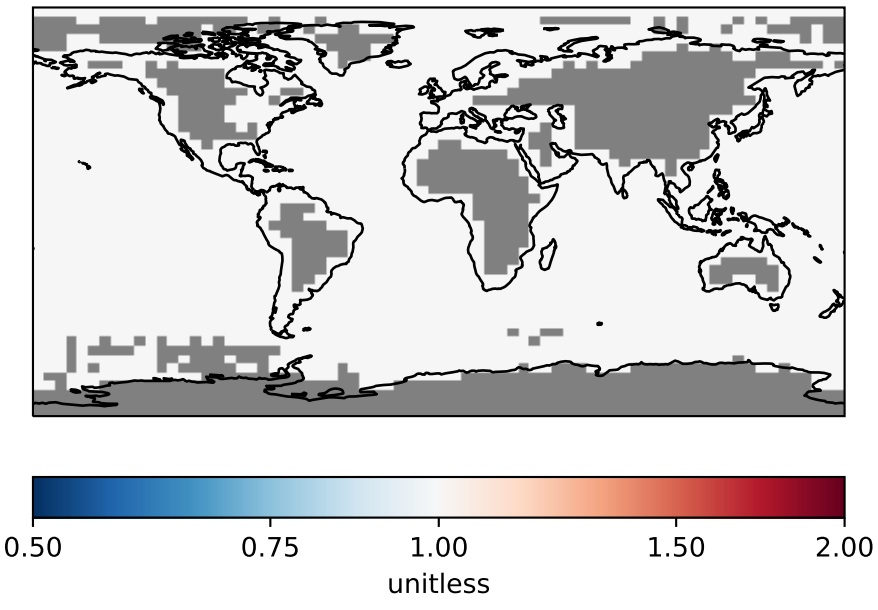
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

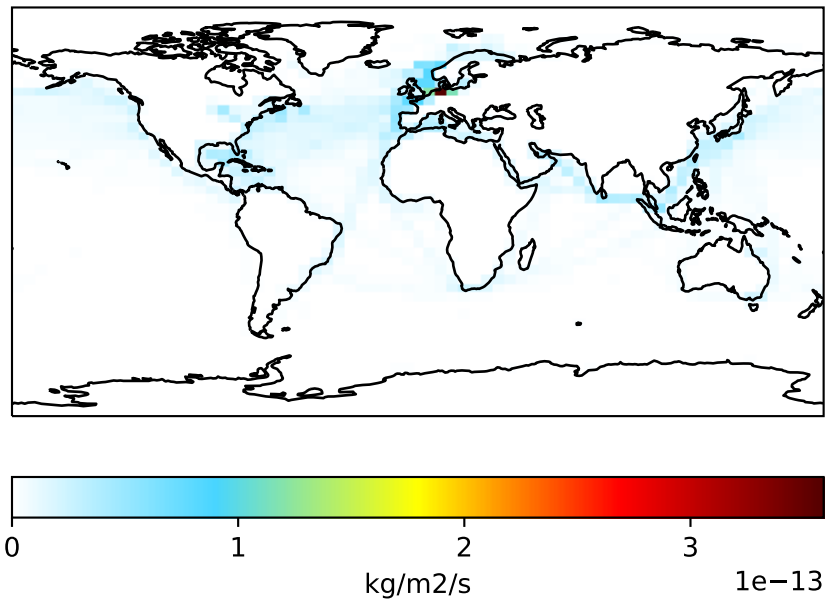


Ratio
Dev/Ref, Fixed Range

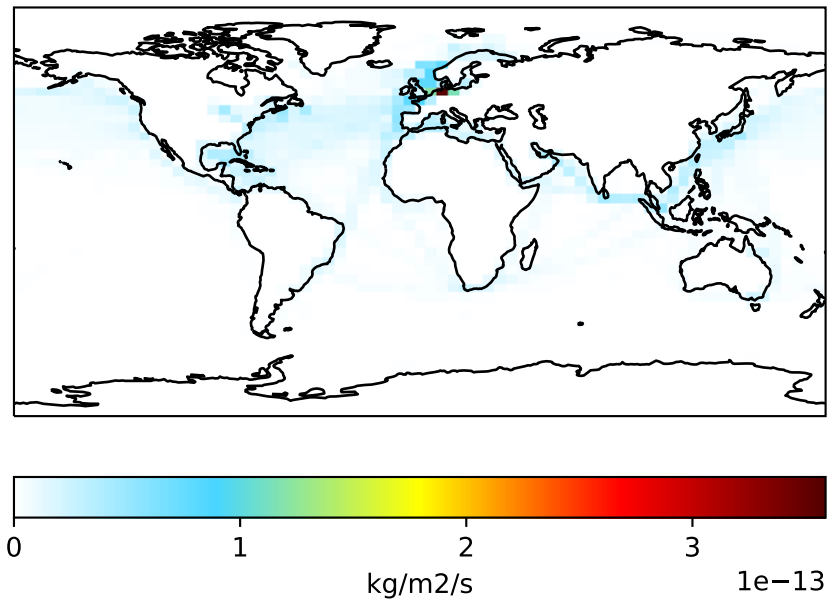


EmisBCPO_Ship

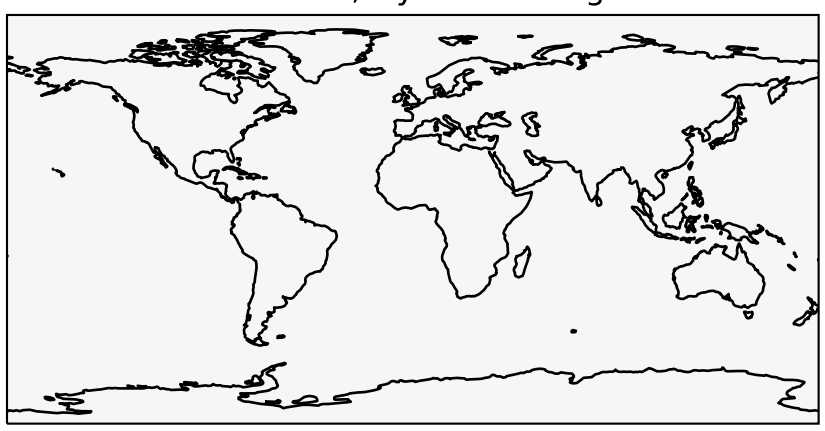
GCC_13.2.0-beta.0 (Ref)
4.0x5.0

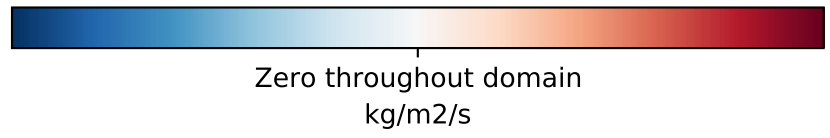


GCC_13.2.0-beta.0-LuoWetdep (Dev)
4.0x5.0

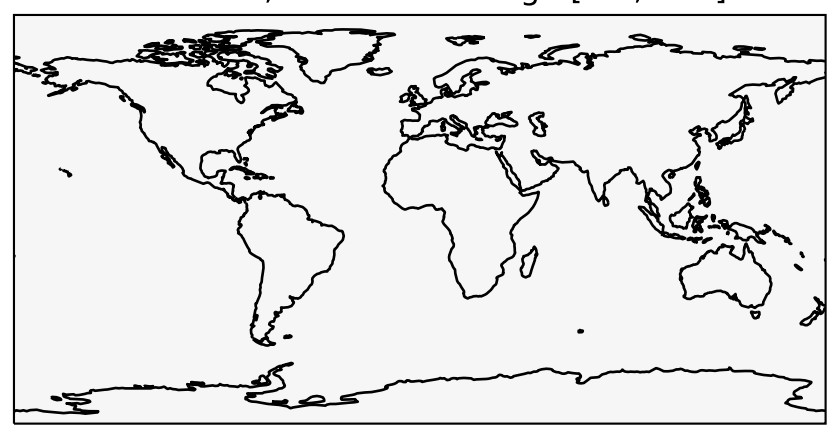


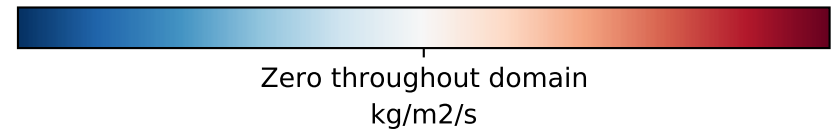
Difference
Dev - Ref, Dynamic Range



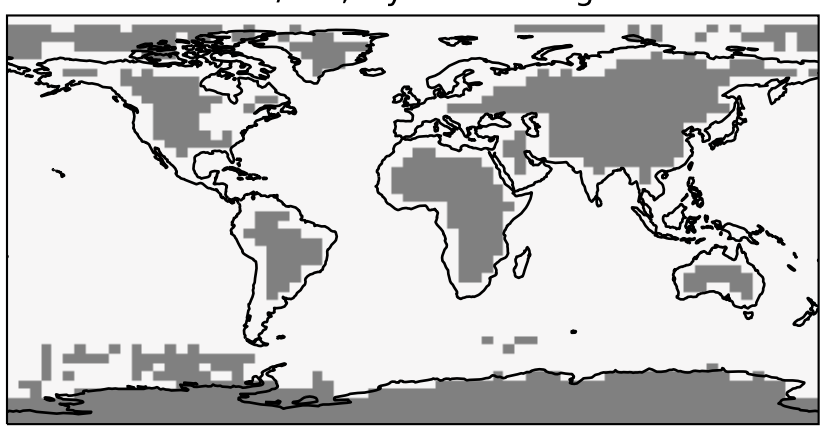


Difference
Dev - Ref, Restricted Range [5%,95%]

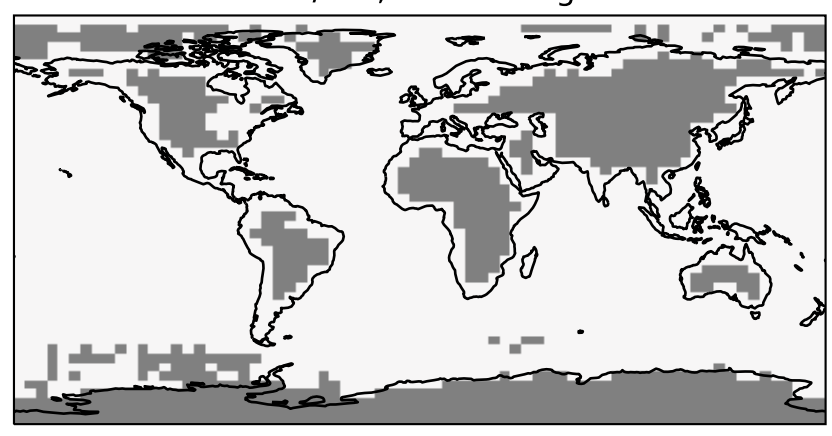


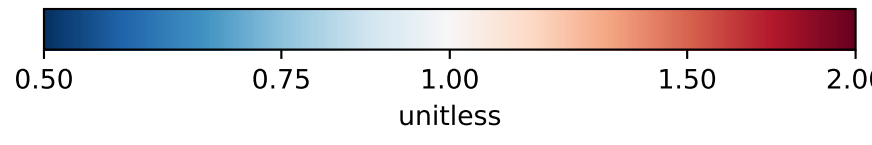


Ratio
Dev/Ref, Dynamic Range



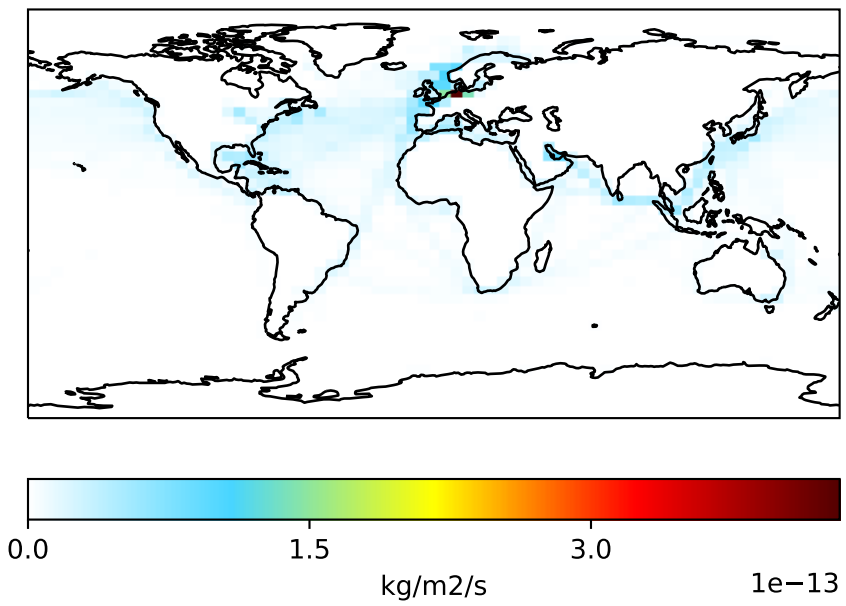
Ratio
Dev/Ref, Fixed Range



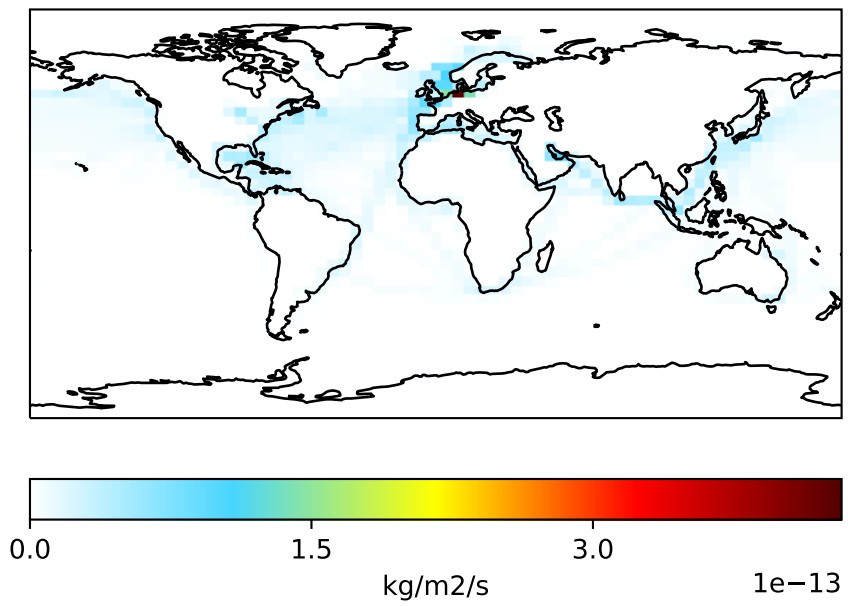


EmisBENZ_Ship

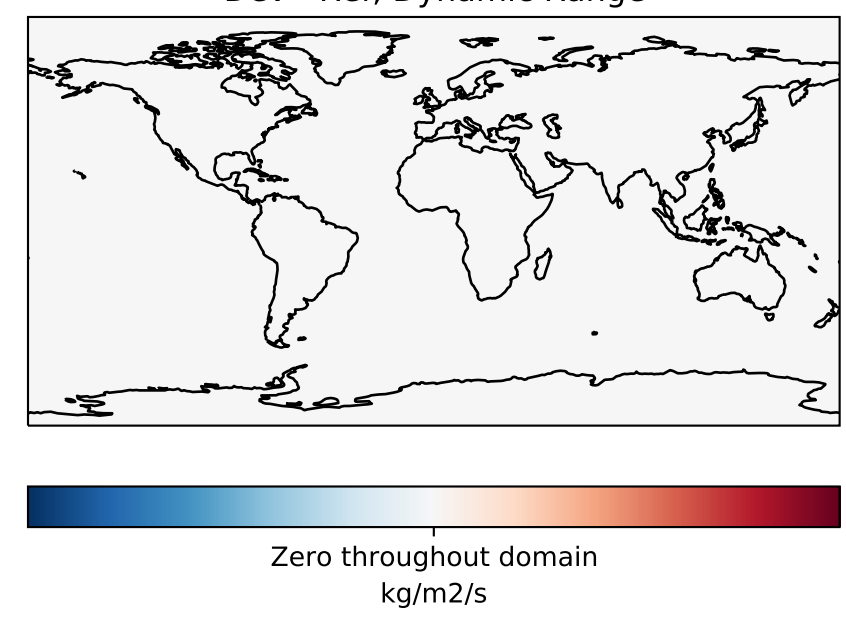
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



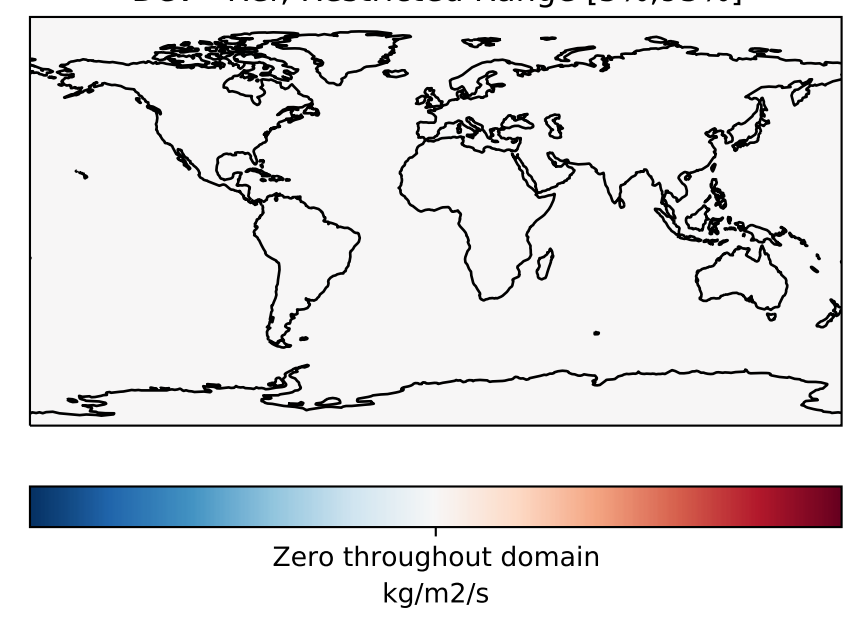
GCC_13.2.0-beta.0-LuoWetdep (Dev)
4.0x5.0



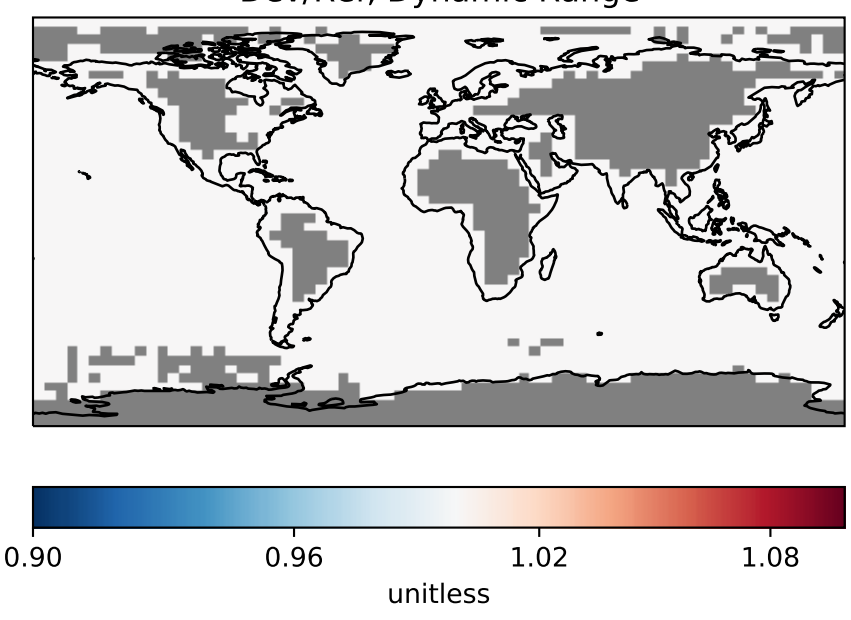
Difference
Dev - Ref, Dynamic Range



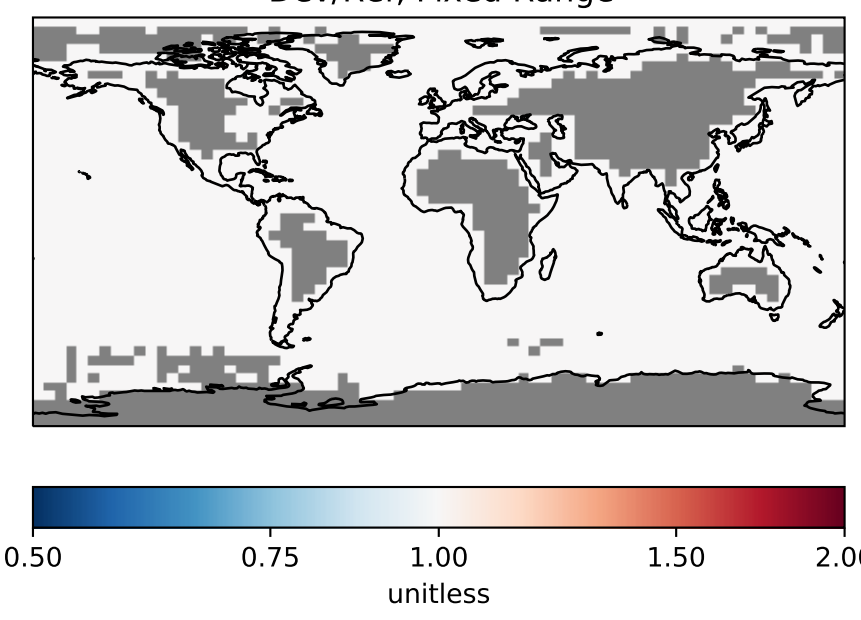
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

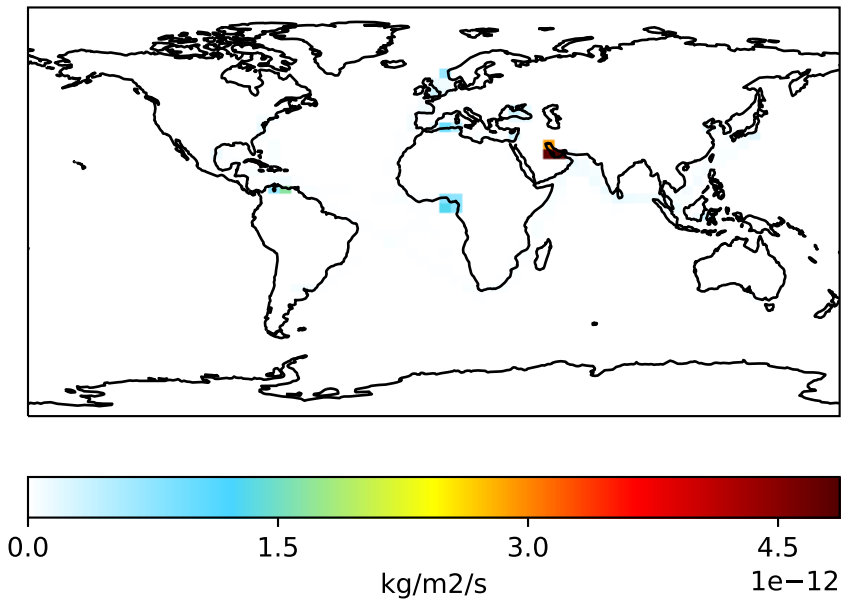


Ratio
Dev/Ref, Fixed Range

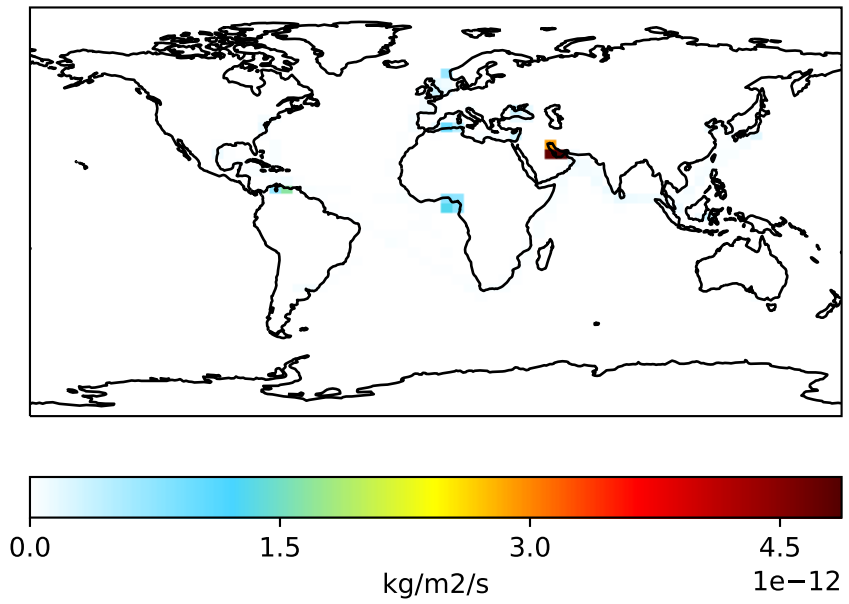


EmisC2H6_Ship

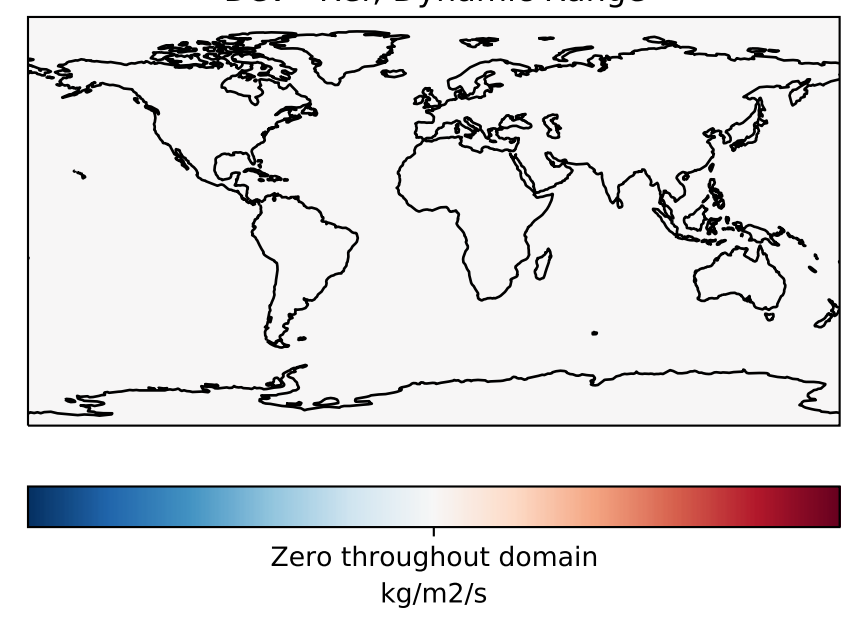
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



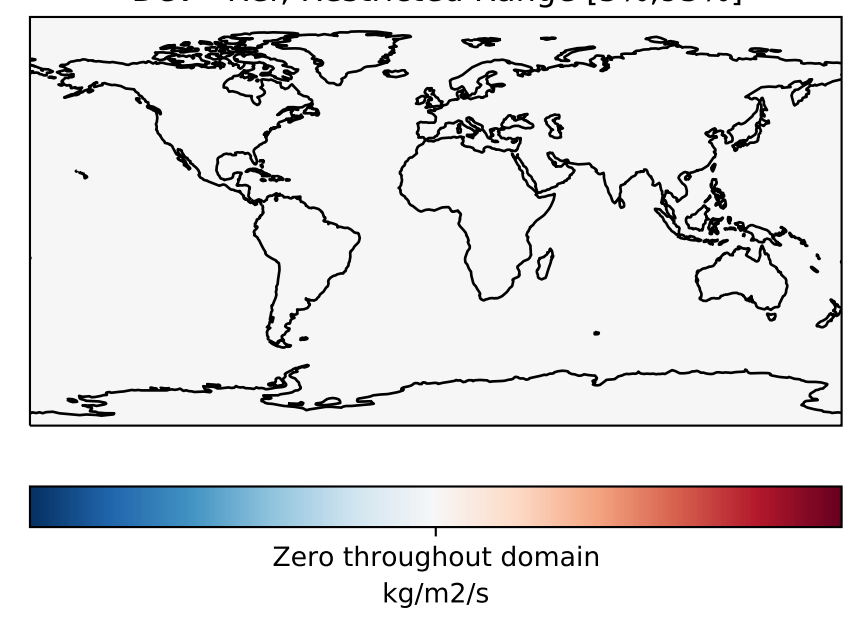
GCC_13.2.0-beta.0-LuoWetdep (Dev)
4.0x5.0



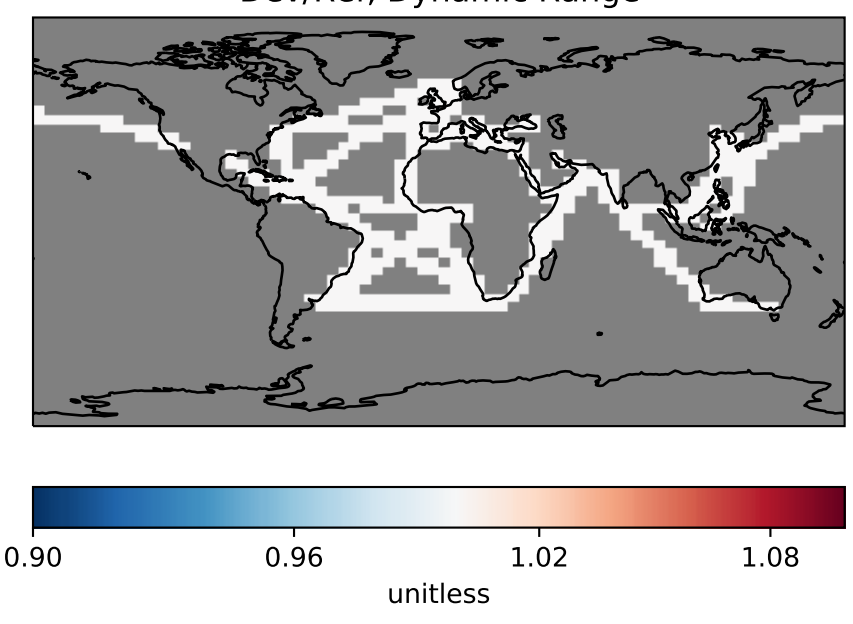
Difference
Dev - Ref, Dynamic Range



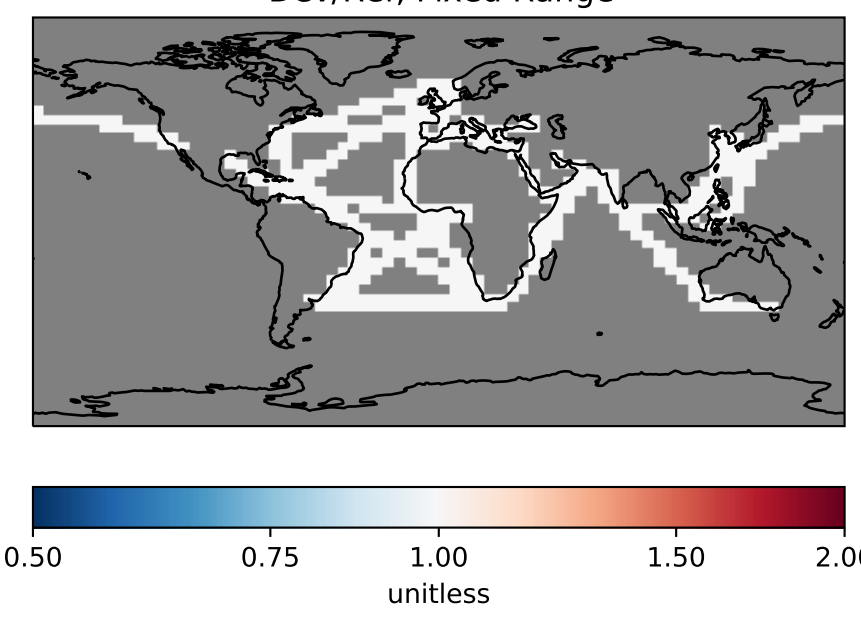
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

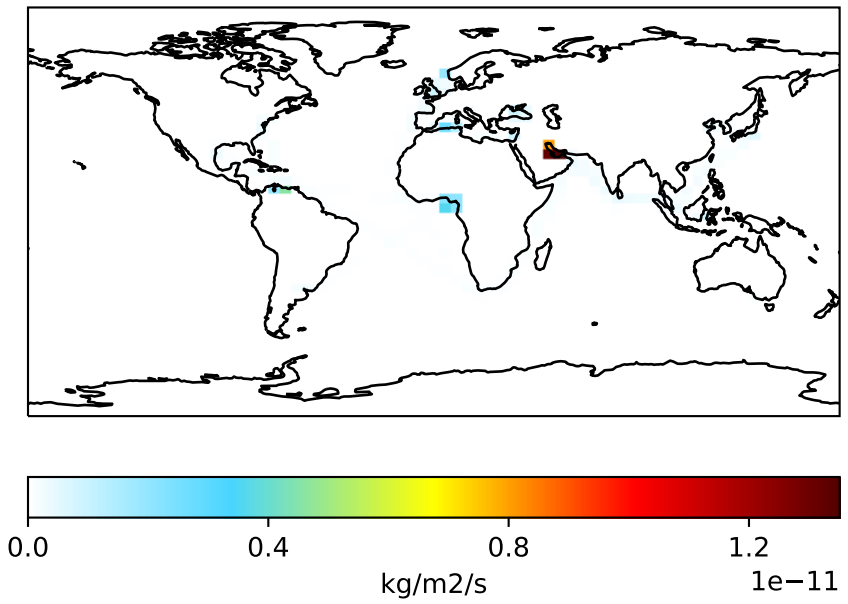


Ratio
Dev/Ref, Fixed Range

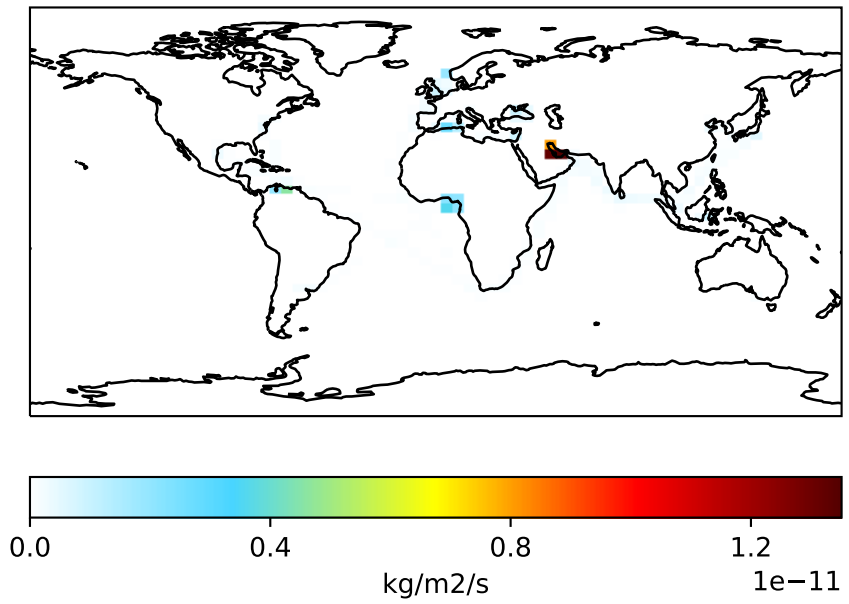


EmisC3H8_Ship

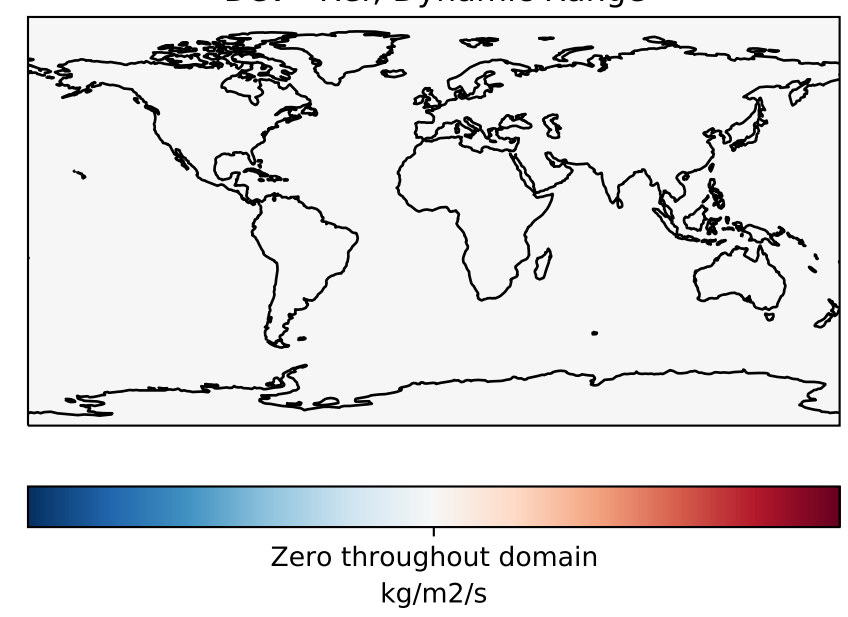
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



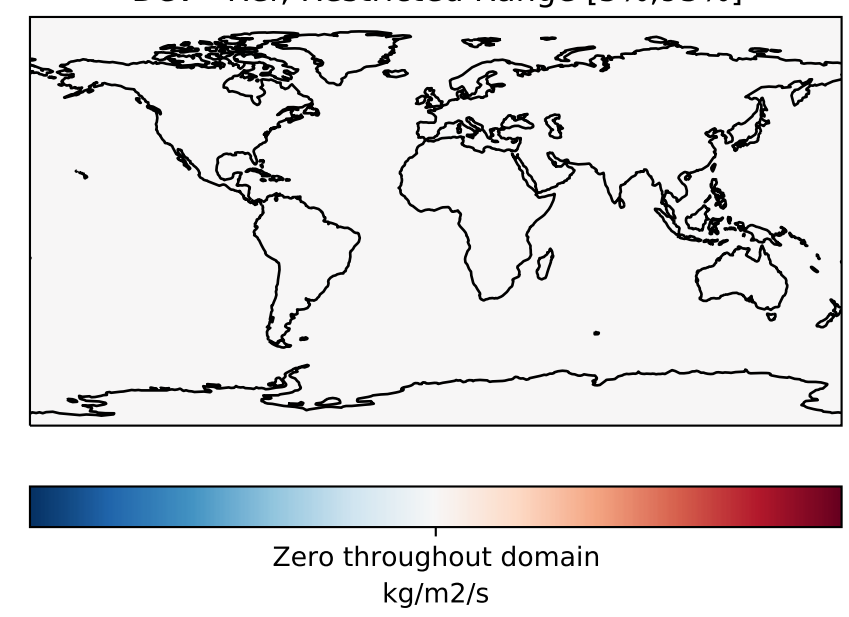
GCC_13.2.0-beta.0-LuoWetdep (Dev)
4.0x5.0



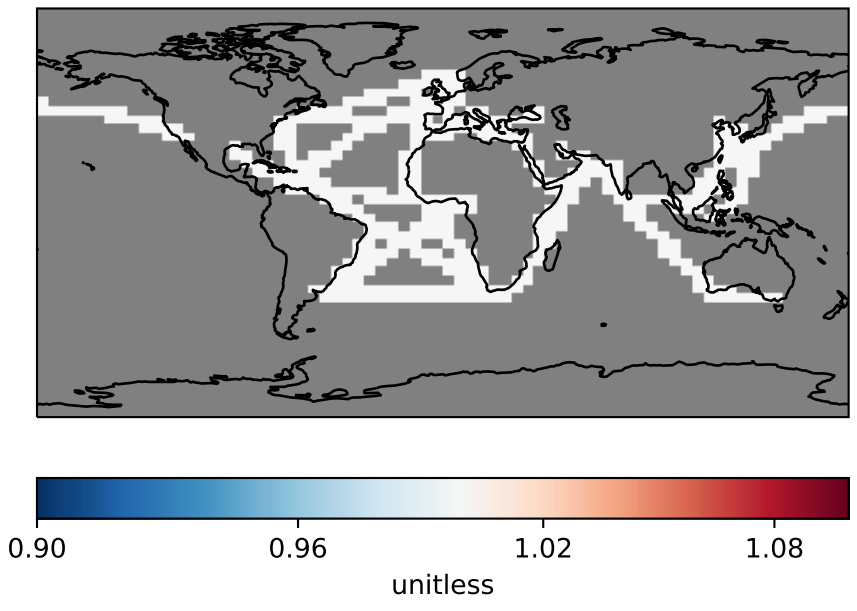
Difference
Dev - Ref, Dynamic Range



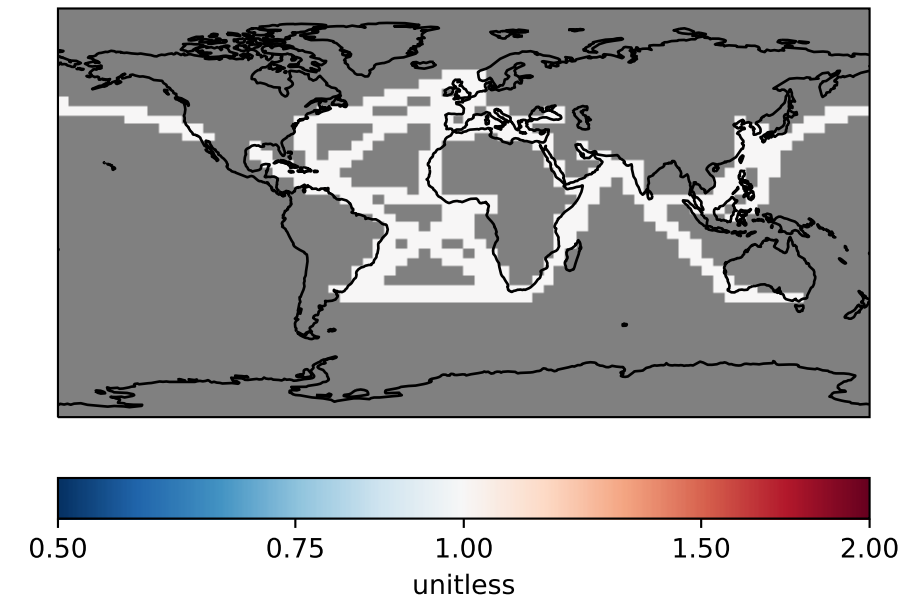
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

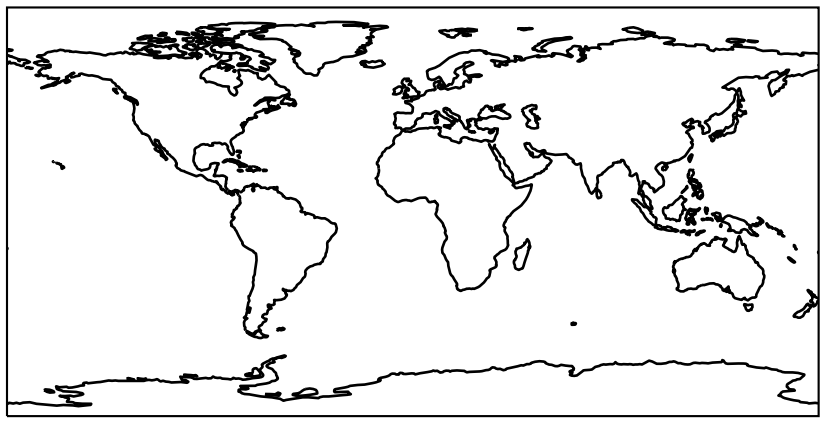


Ratio
Dev/Ref, Fixed Range



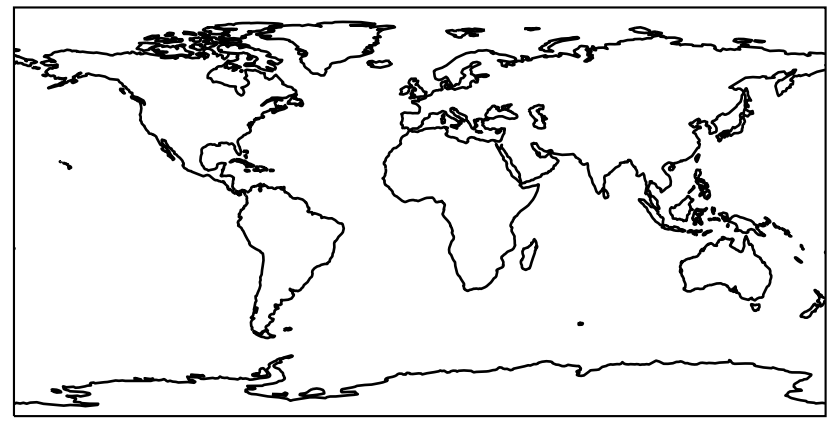
EmisCH2O_Ship

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



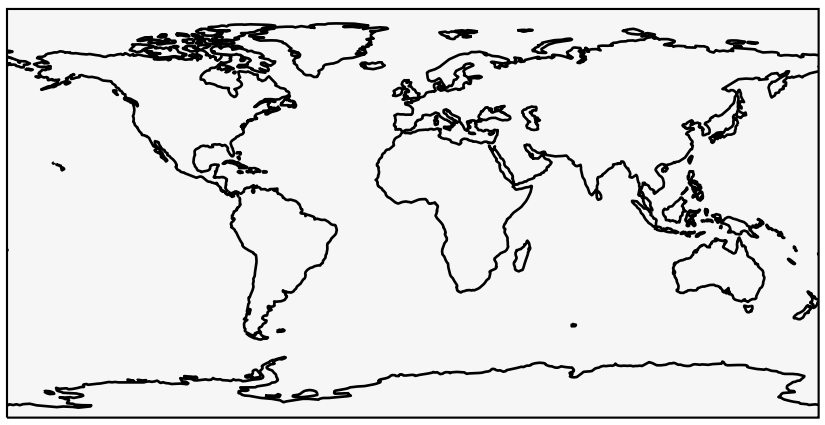
Zero throughout domain
kg/m2/s

GCC_13.2.0-beta.0-LuoWetdep (Dev)
4.0x5.0



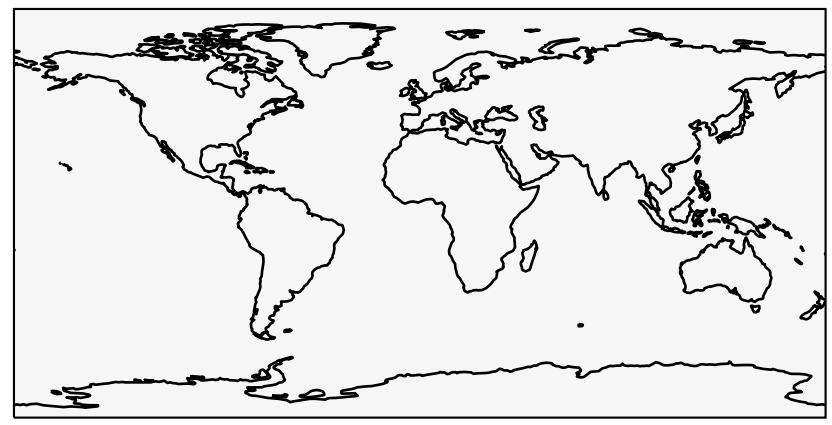
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



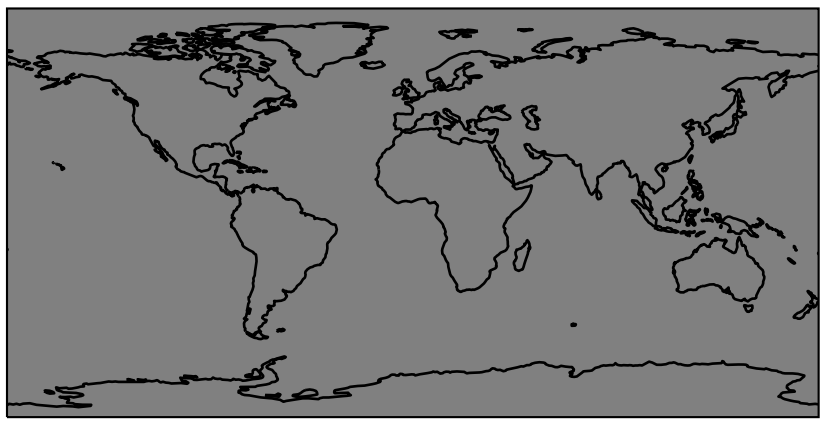
Zero throughout domain
kg/m2/s

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



Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



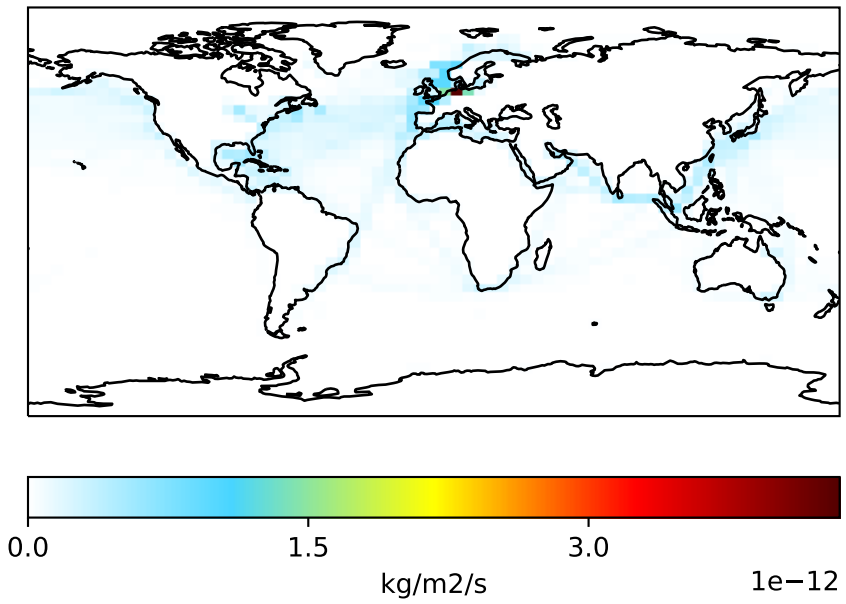
Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range

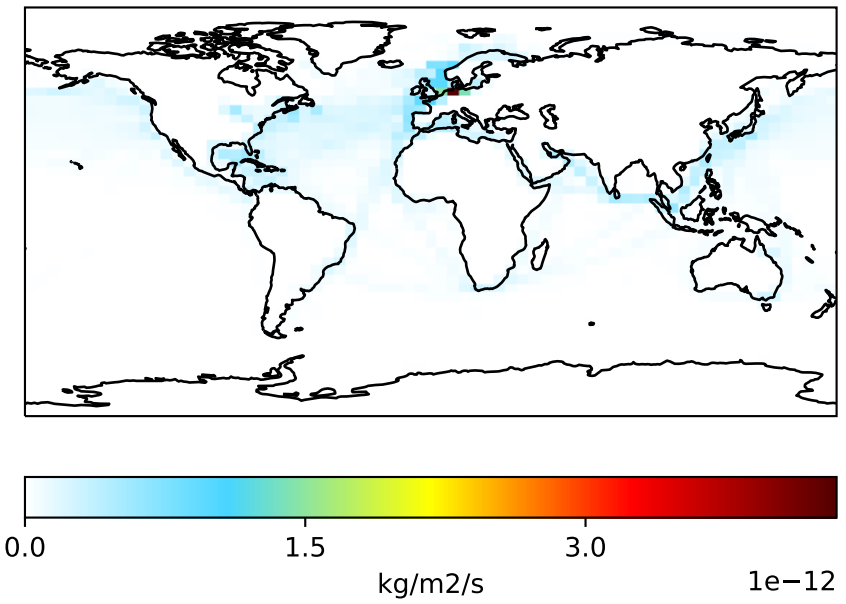
Undefined throughout domain
unitless

EmisCO_Ship

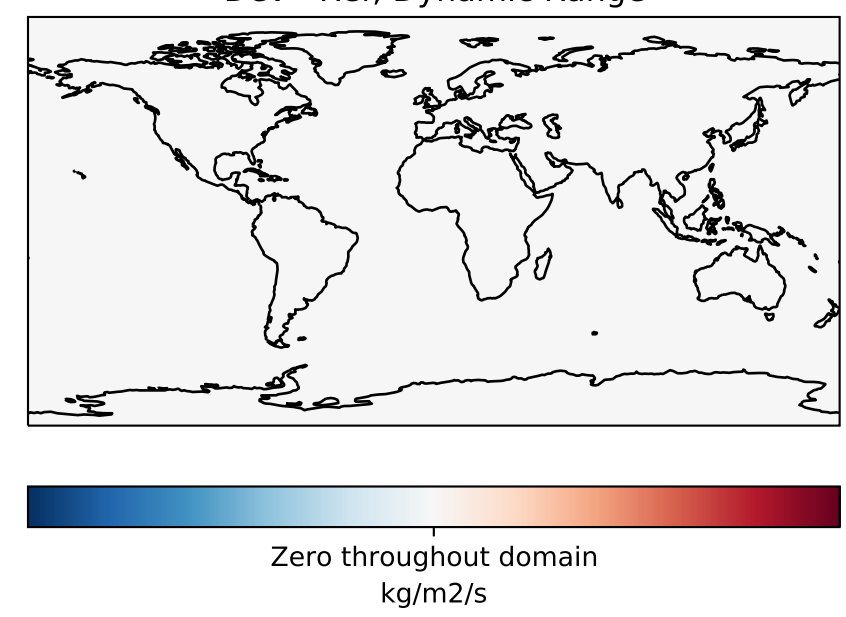
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



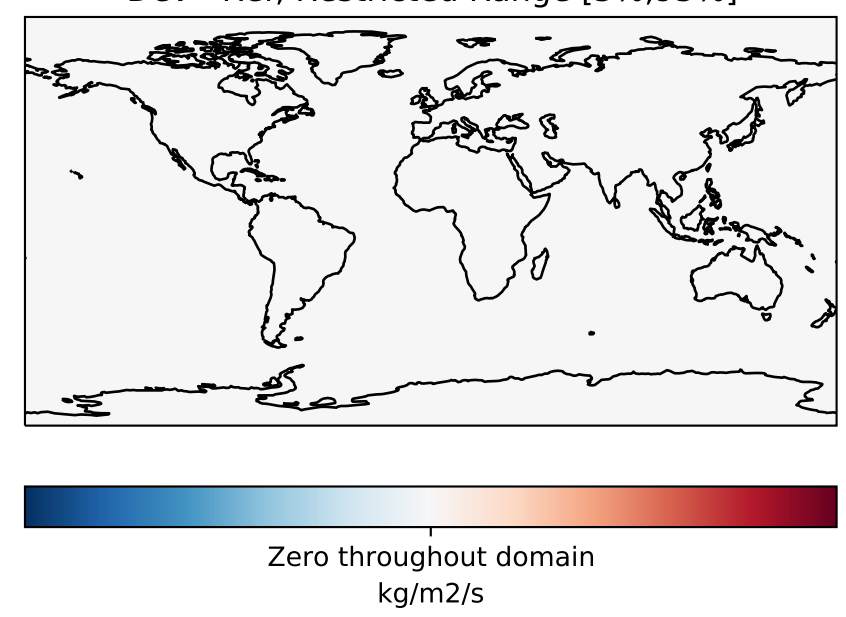
GCC_13.2.0-beta.0-LuoWetdep (Dev)
4.0x5.0



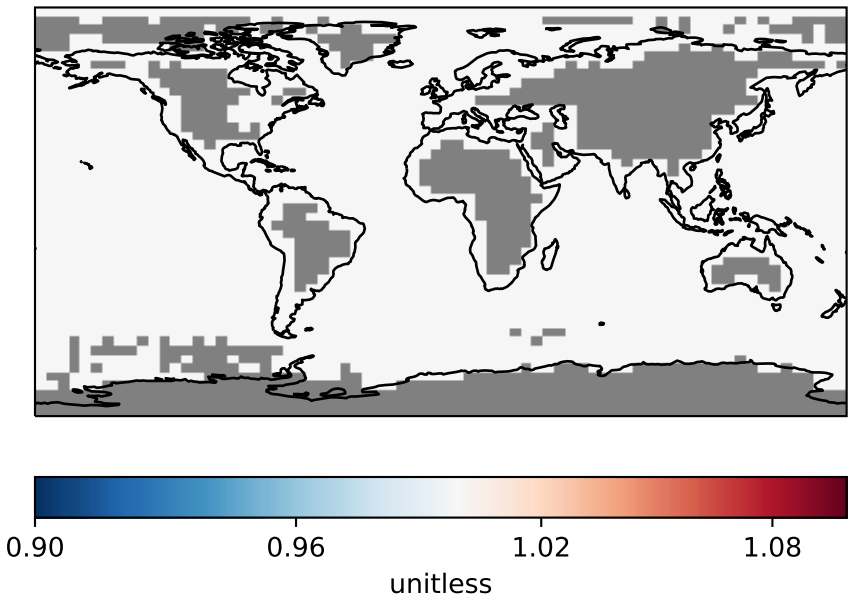
Difference
Dev - Ref, Dynamic Range



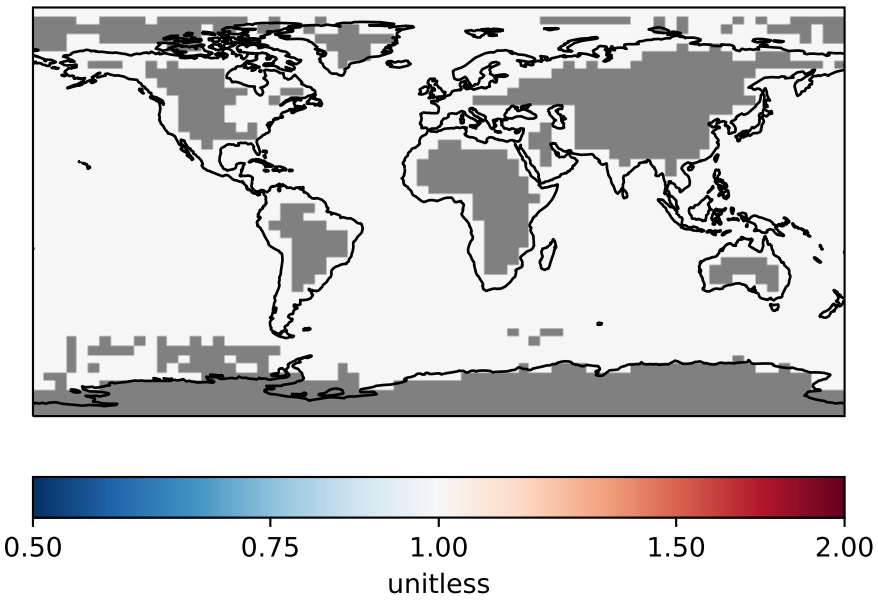
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

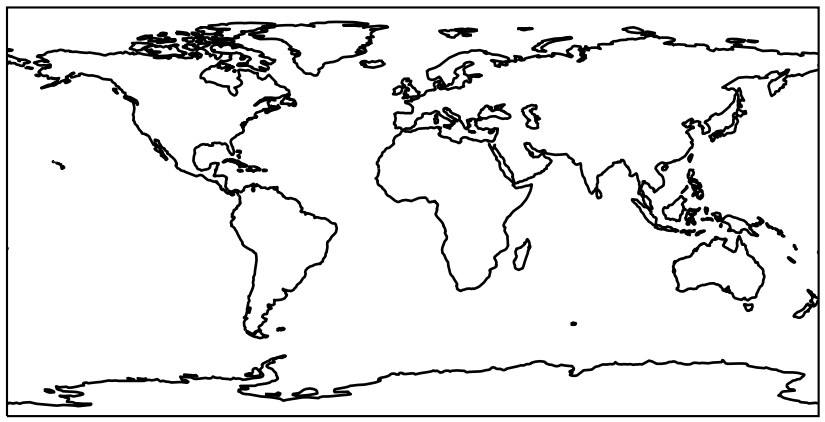


Ratio
Dev/Ref, Fixed Range



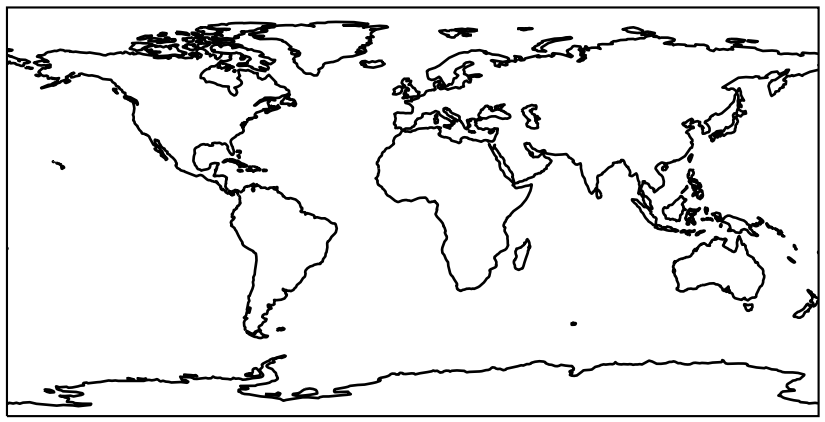
EmisEOH_Ship

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



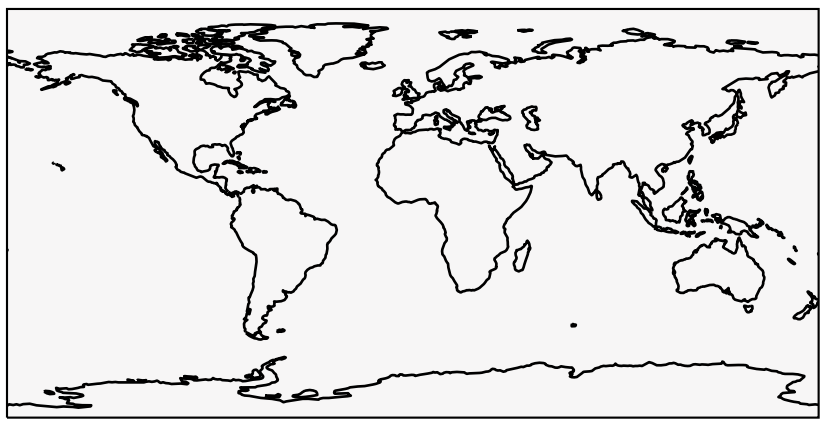
Zero throughout domain
kg/m2/s

GCC_13.2.0-beta.0-LuoWetdep (Dev)
4.0x5.0



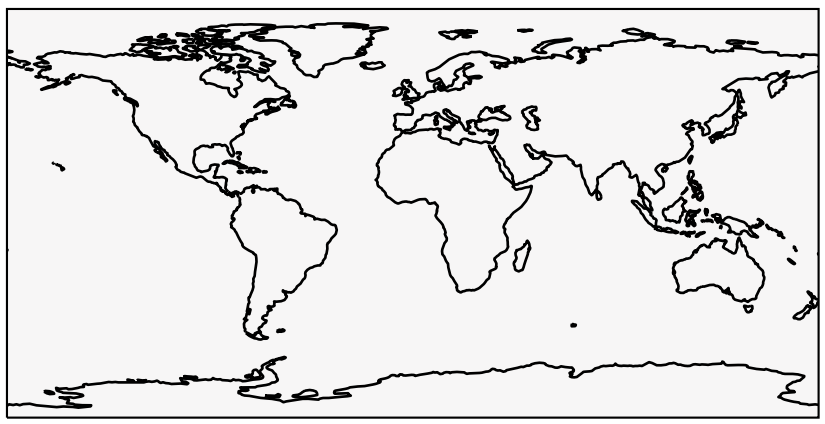
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



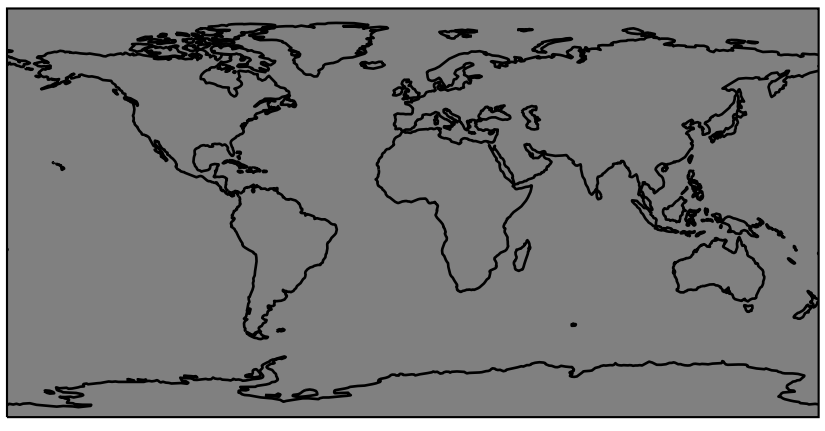
Zero throughout domain
kg/m2/s

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



Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



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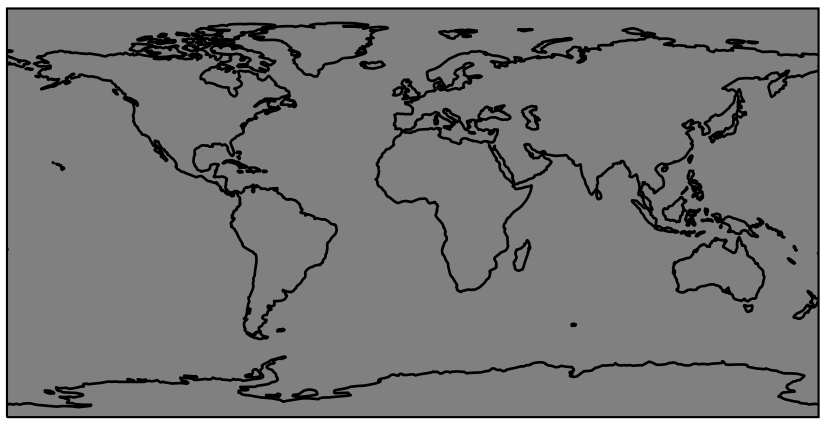
unitless

Ratio
Dev/Ref, Fixed Range



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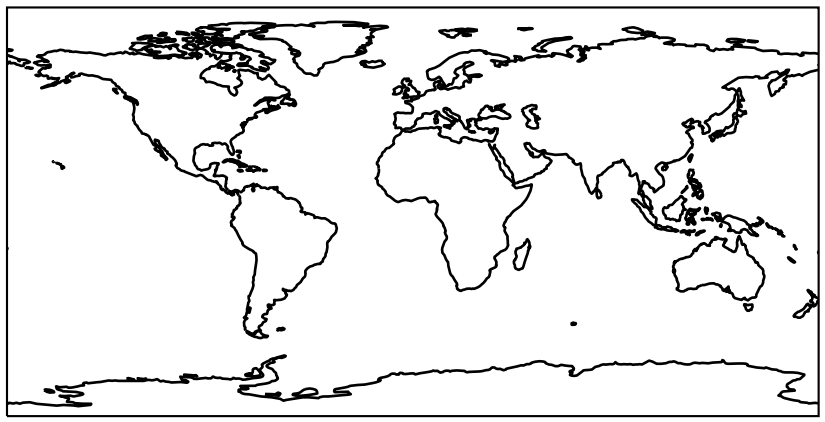
unitless

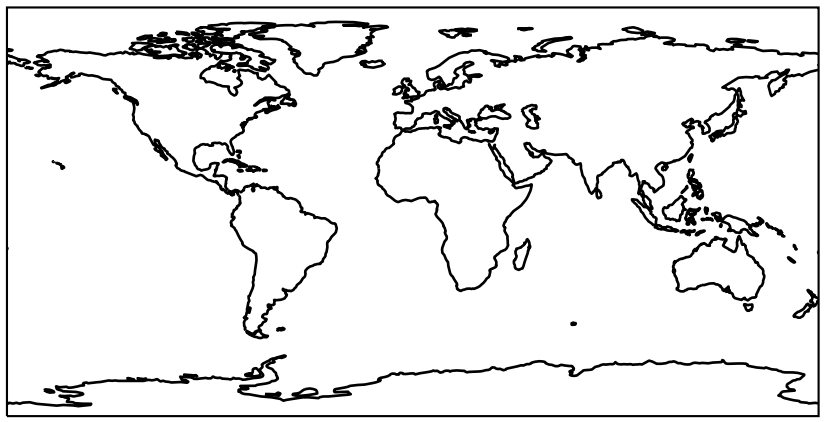
EmisHCOOH_Ship

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



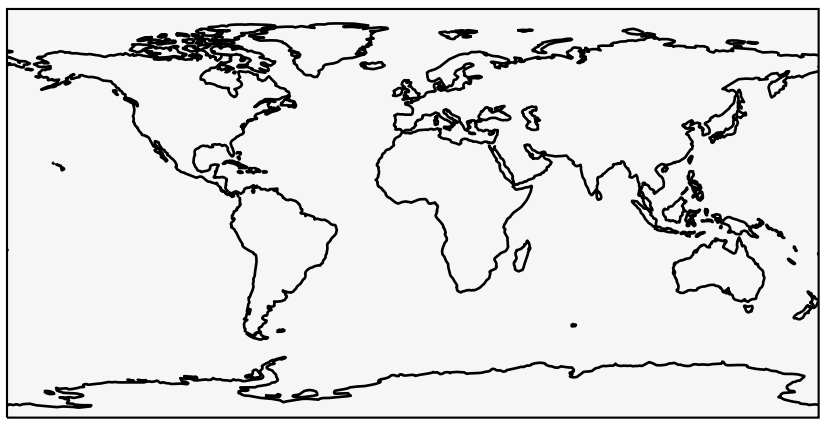
Zero throughout domain
kg/m2/s

GCC_13.2.0-beta.0-LuoWetdep (Dev)
4.0x5.0



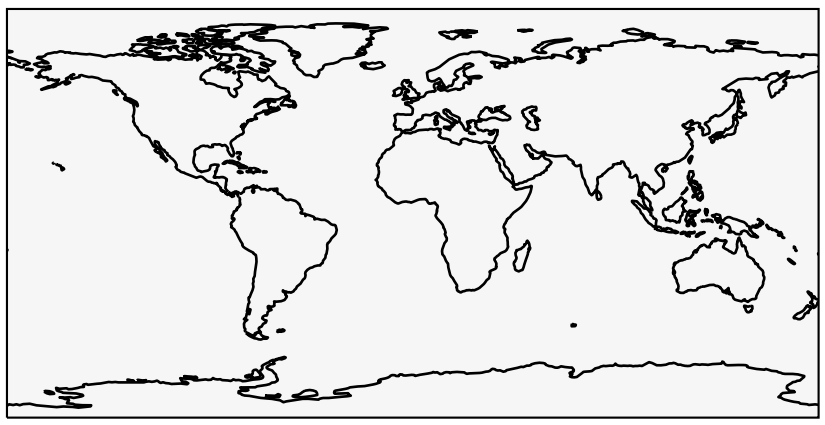
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



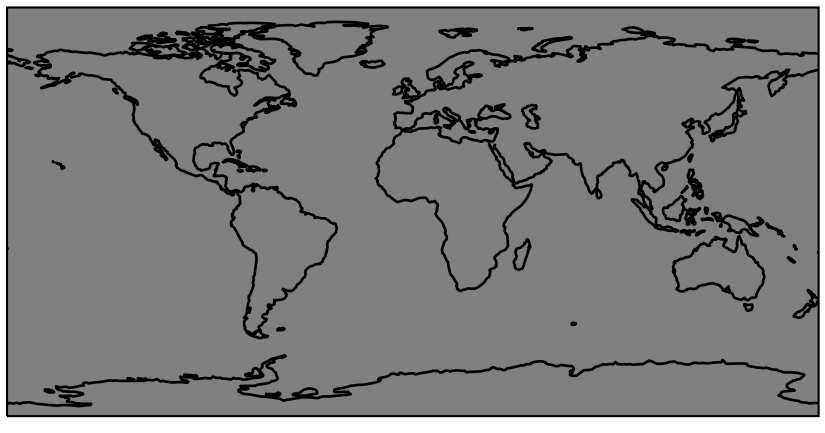
Zero throughout domain
kg/m2/s

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



Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



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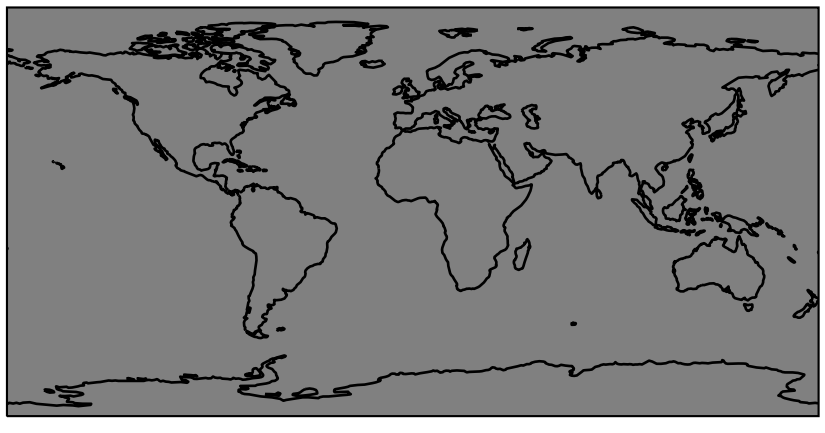
Ratio
Dev/Ref, Fixed Range



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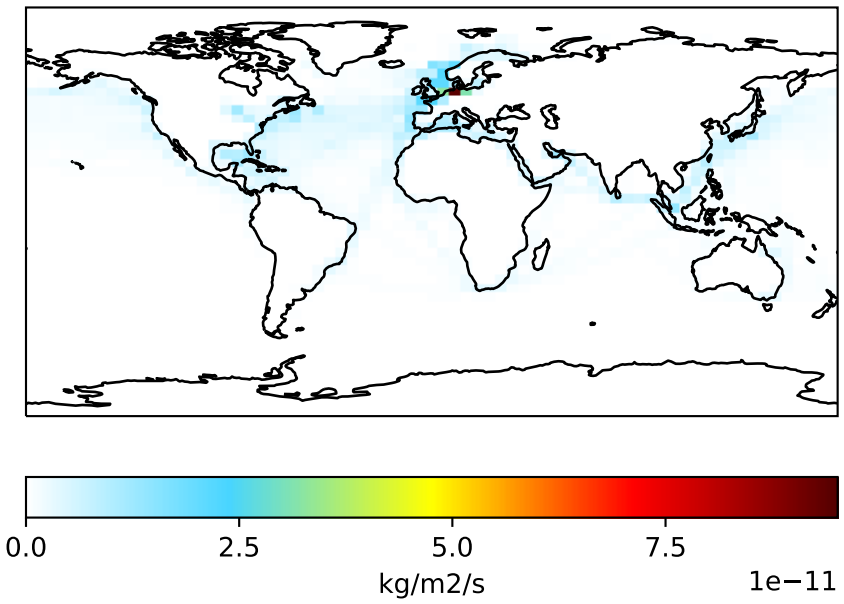
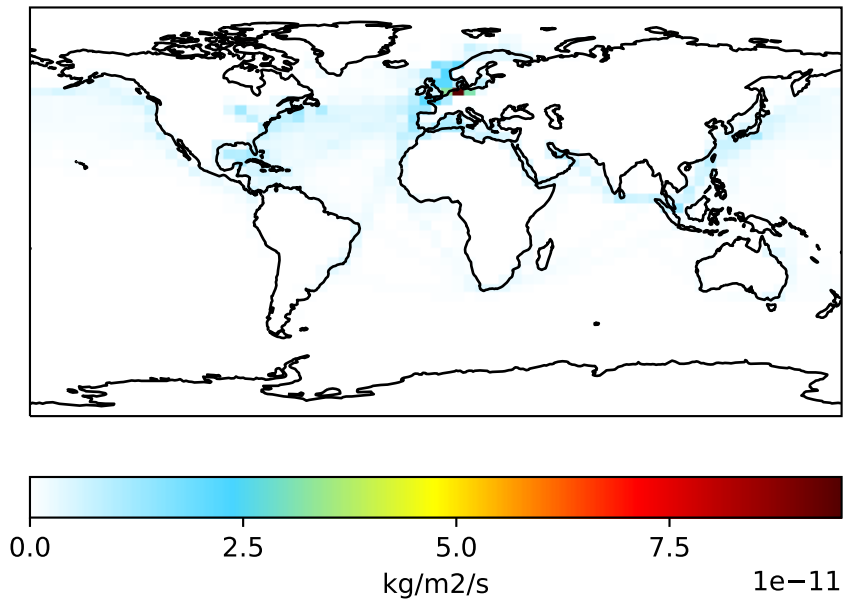
EmisHNO3_Ship

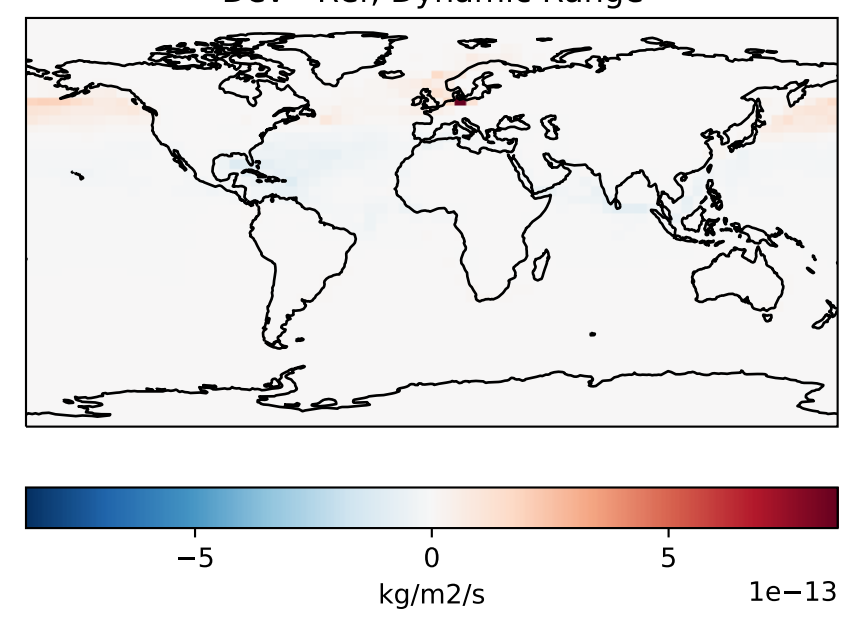
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



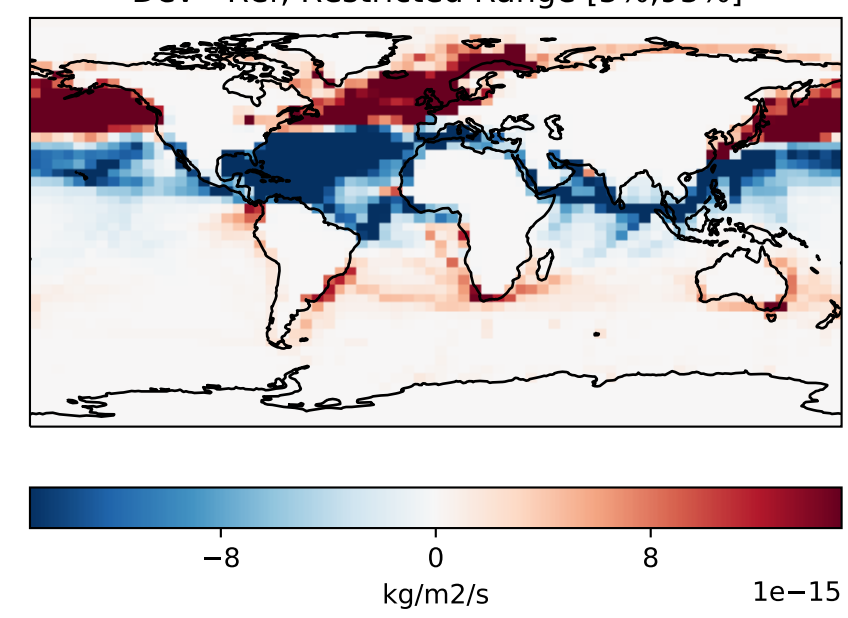
GCC_13.2.0-beta.0-LuoWetdep (Dev)
4.0x5.0



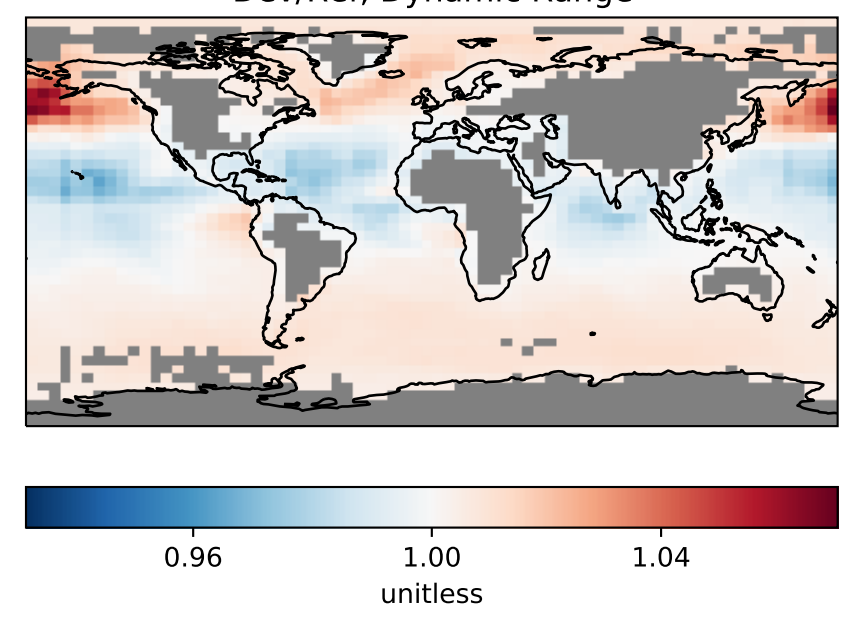
Difference
Dev - Ref, Dynamic Range



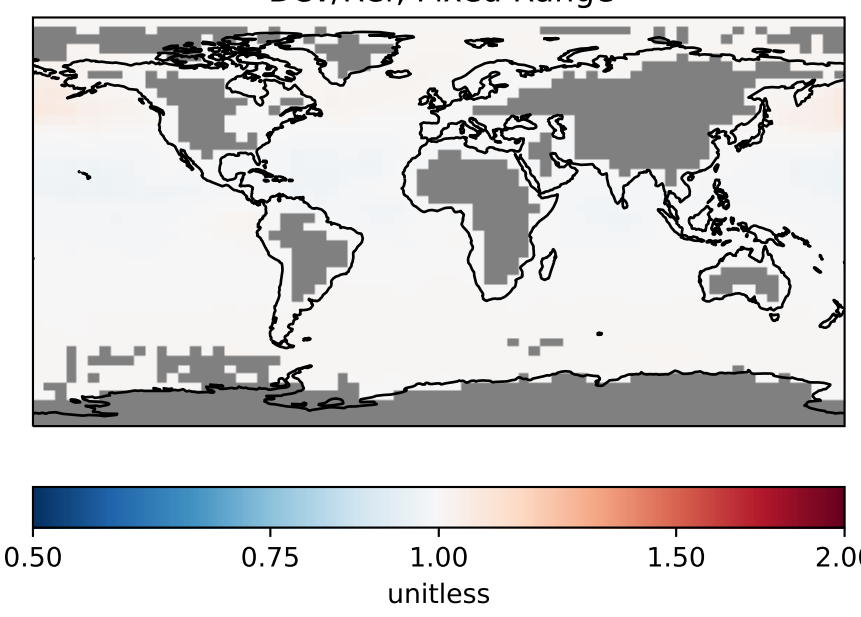
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

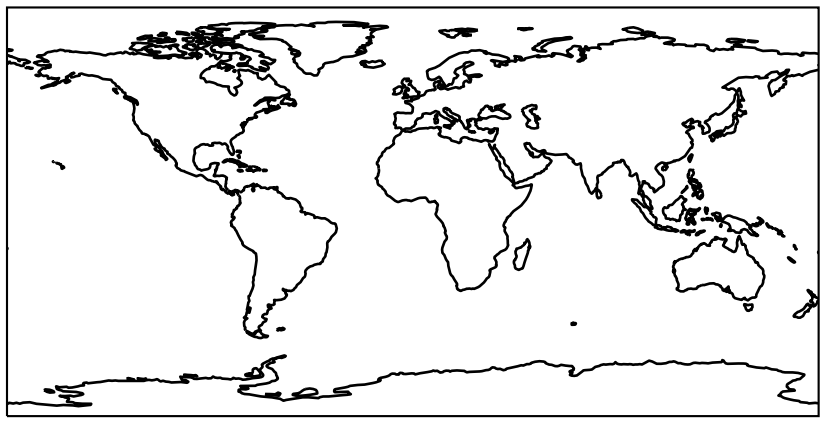


Ratio
Dev/Ref, Fixed Range



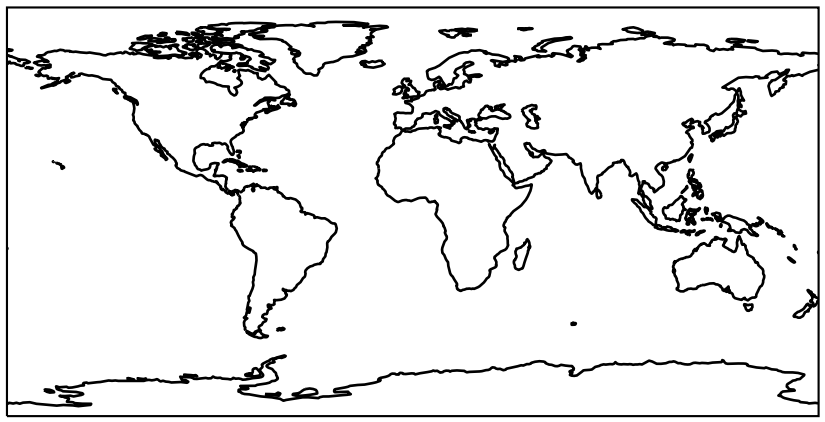
EmisMEK_Ship

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



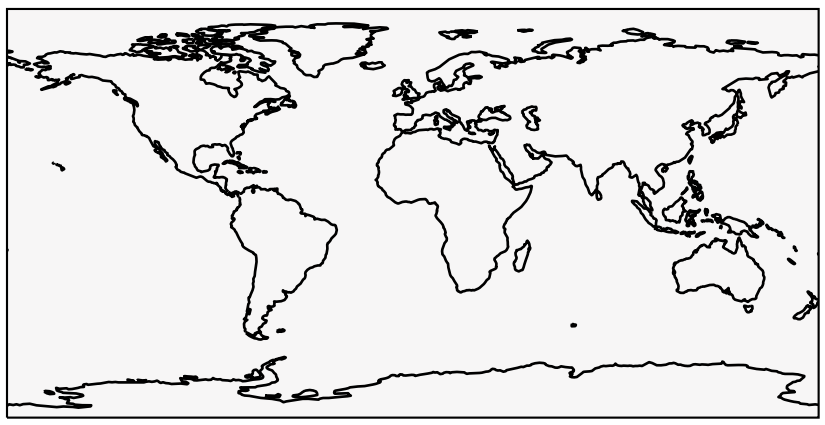
Zero throughout domain
kg/m2/s

GCC_13.2.0-beta.0-LuoWetdep (Dev)
4.0x5.0



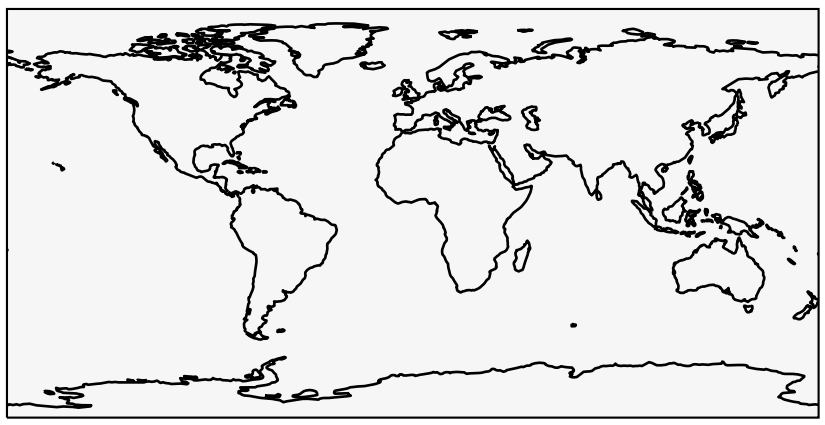
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



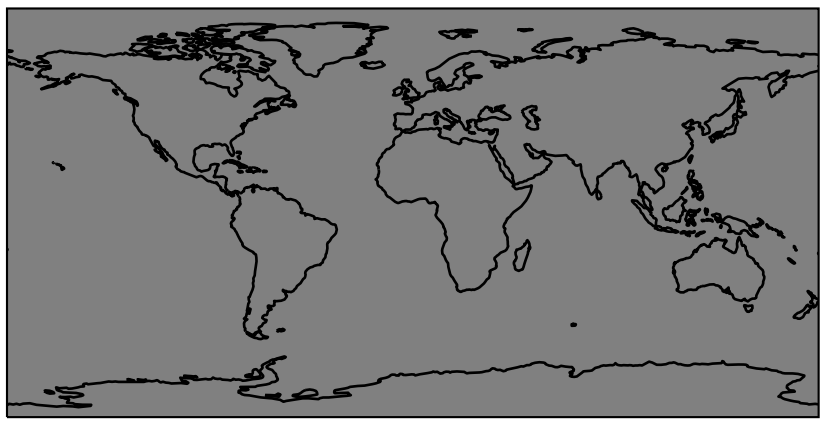
Zero throughout domain
kg/m2/s

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



Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



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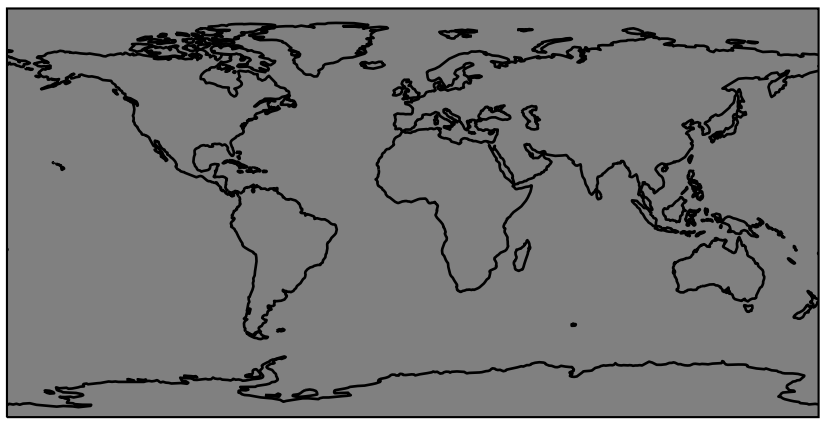
unitless

Ratio
Dev/Ref, Fixed Range



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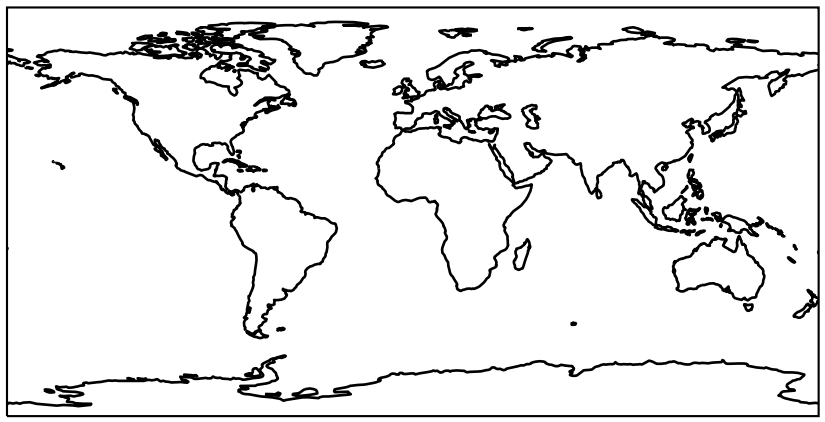
unitless

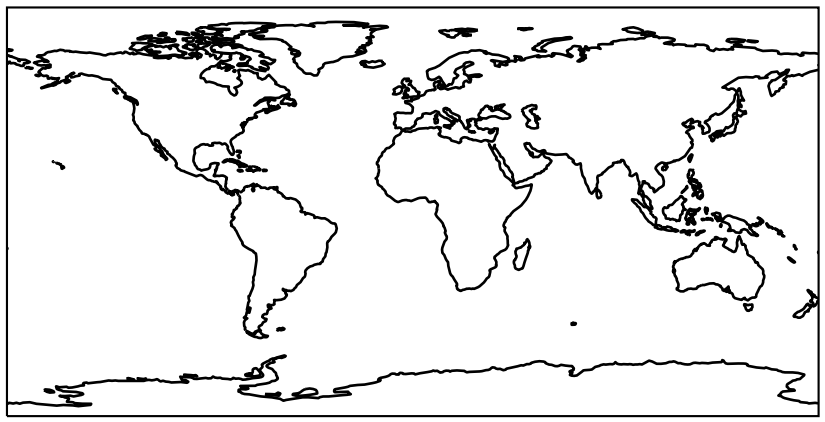
EmisMOH_Ship

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



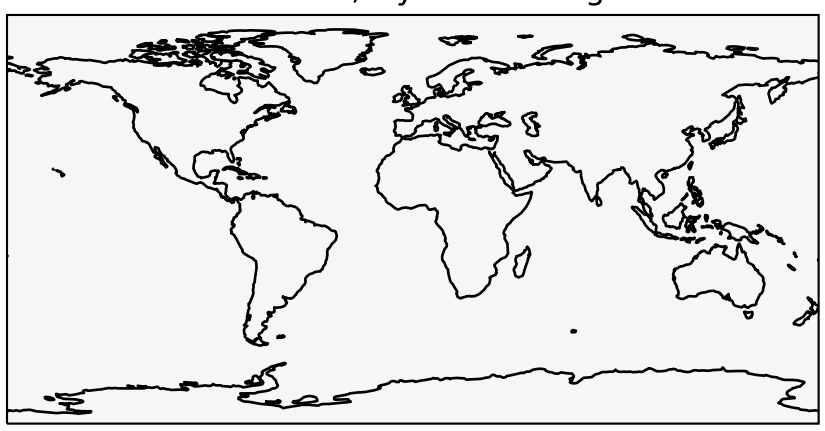
Zero throughout domain
kg/m2/s

GCC_13.2.0-beta.0-LuoWetdep (Dev)
4.0x5.0



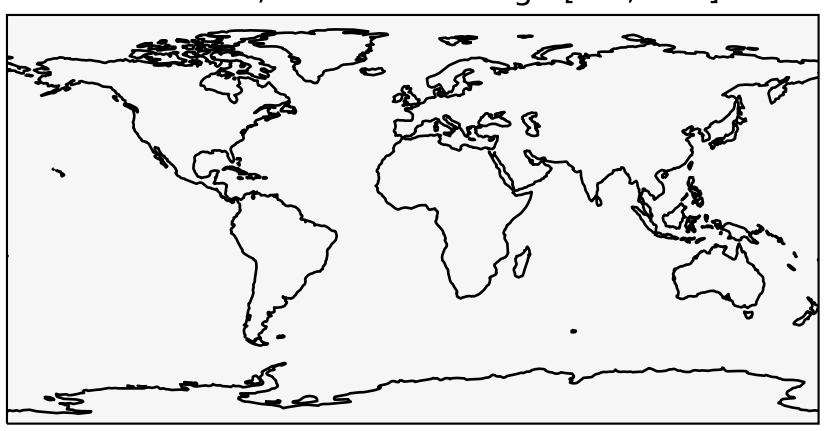
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



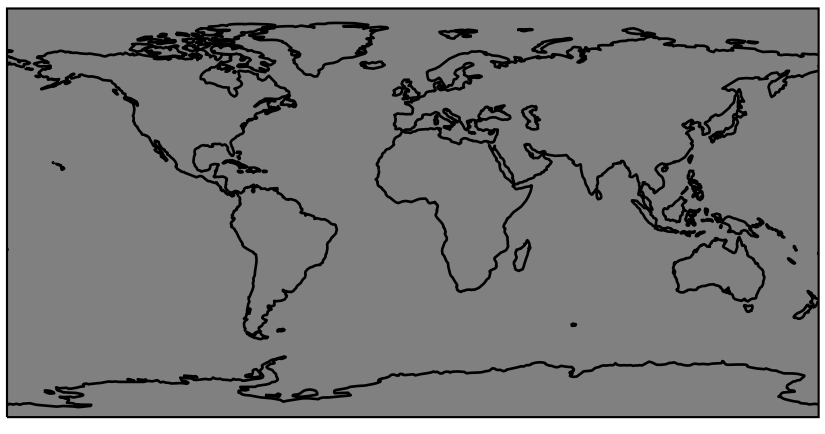
Zero throughout domain
kg/m2/s

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



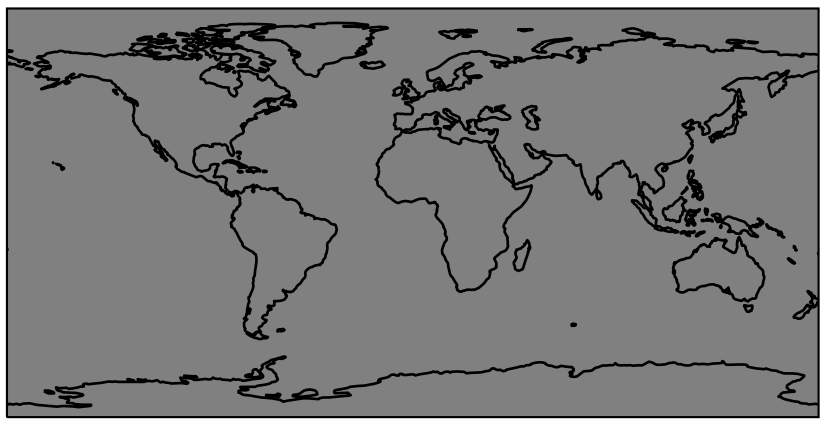
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range



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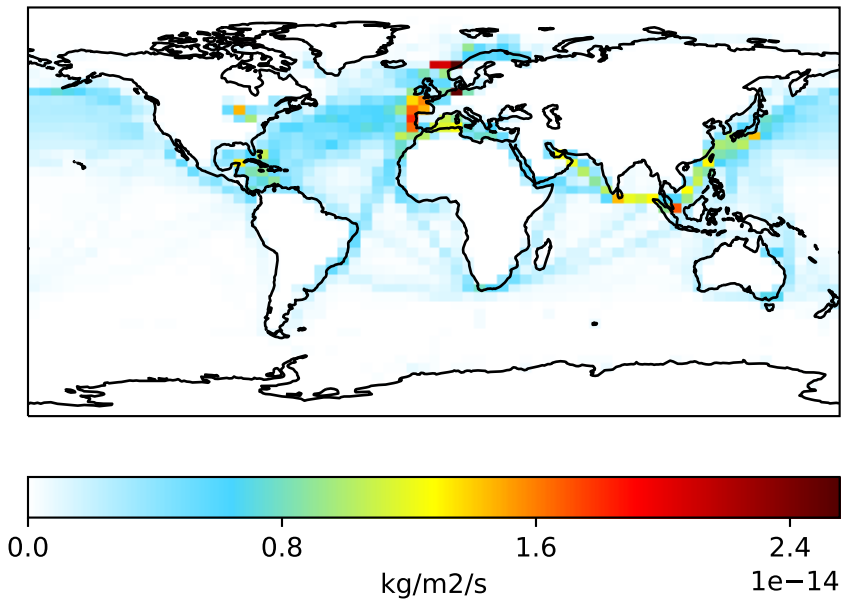
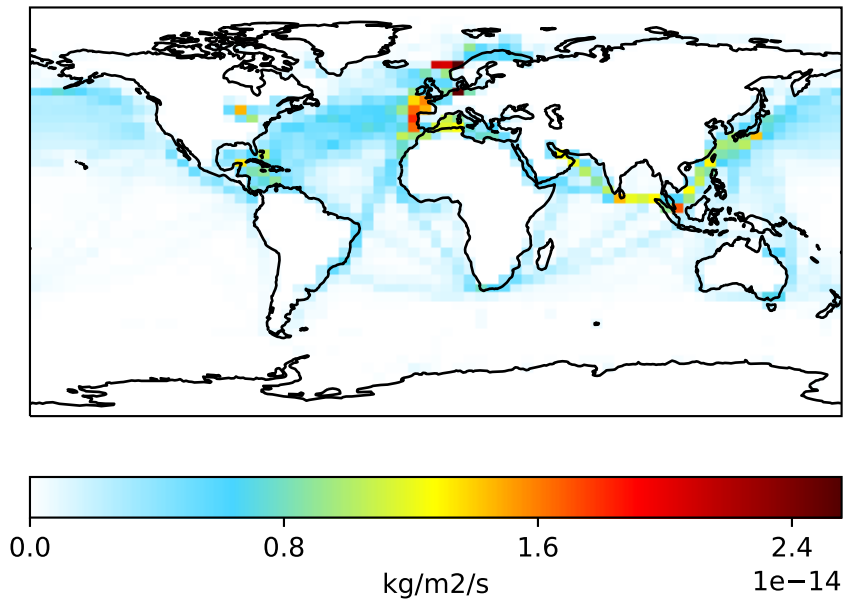
unitless

EmisNH3_Ship

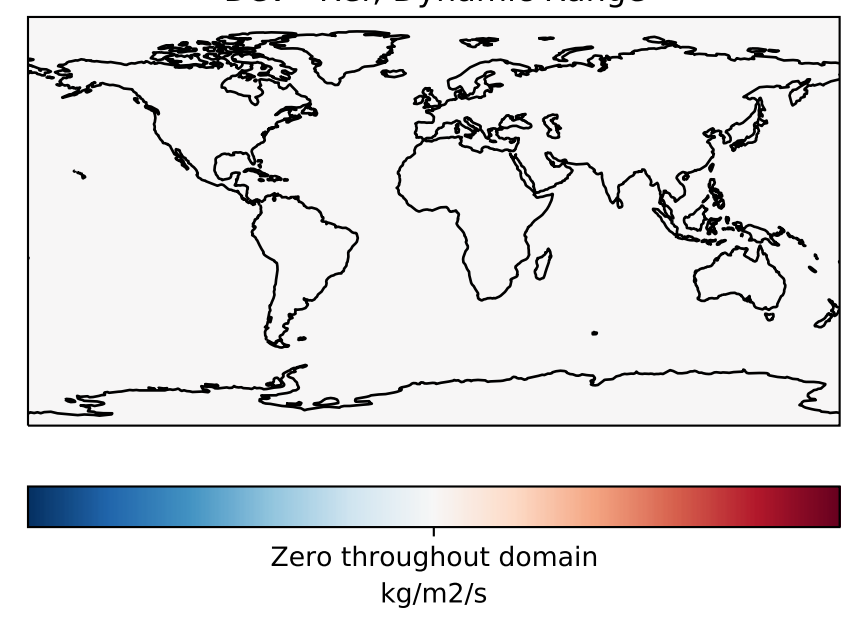
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



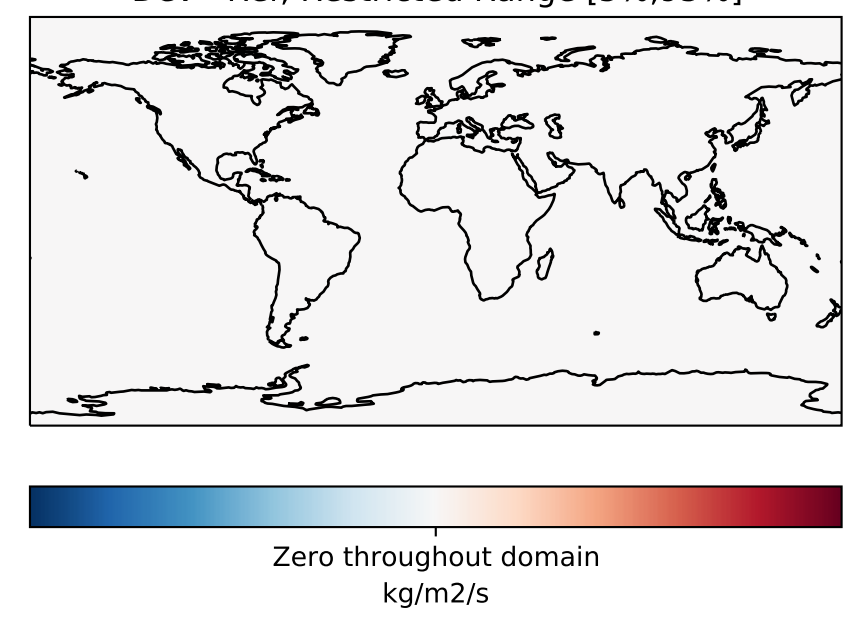
GCC_13.2.0-beta.0-LuoWetdep (Dev)
4.0x5.0



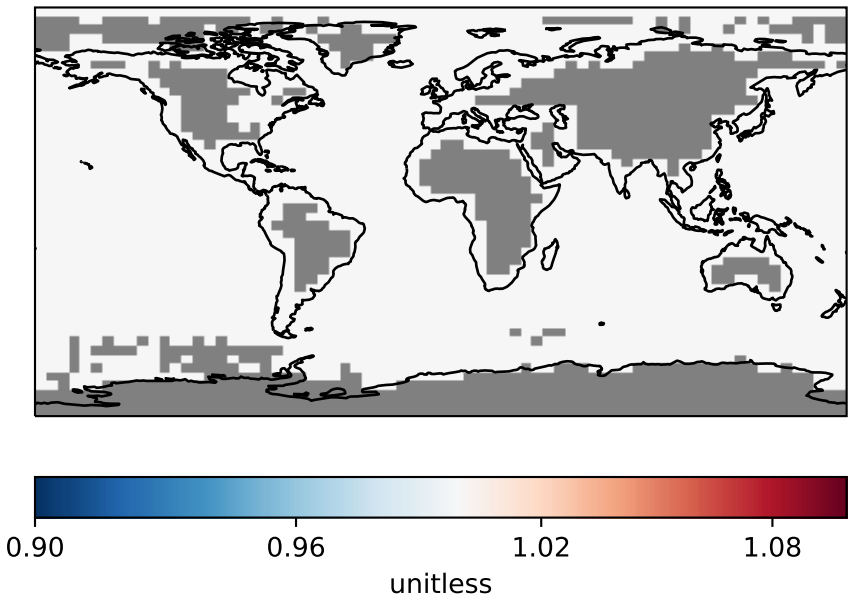
Difference
Dev - Ref, Dynamic Range



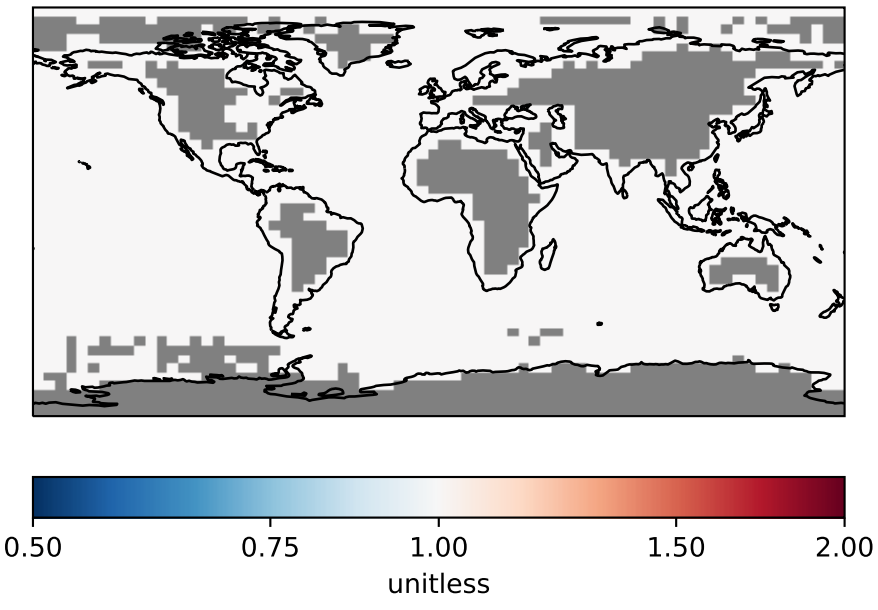
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

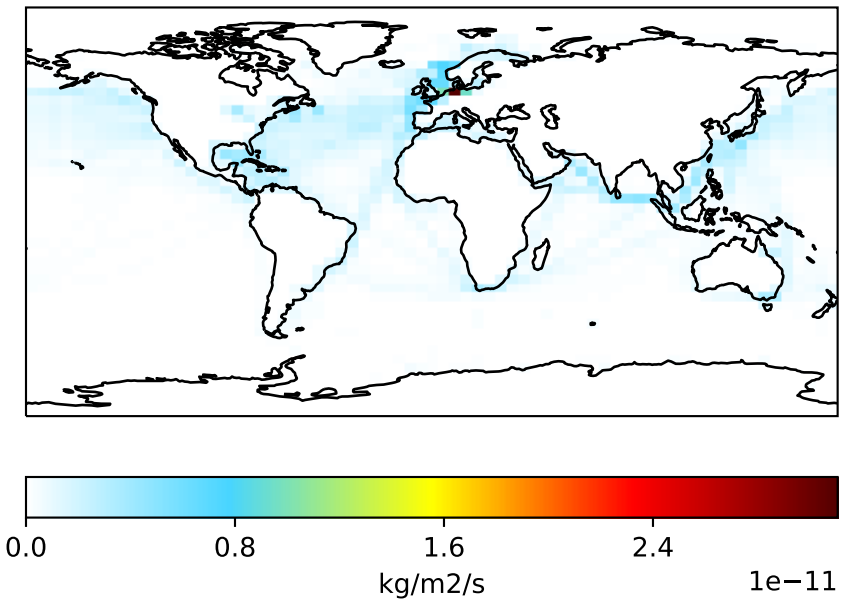


Ratio
Dev/Ref, Fixed Range

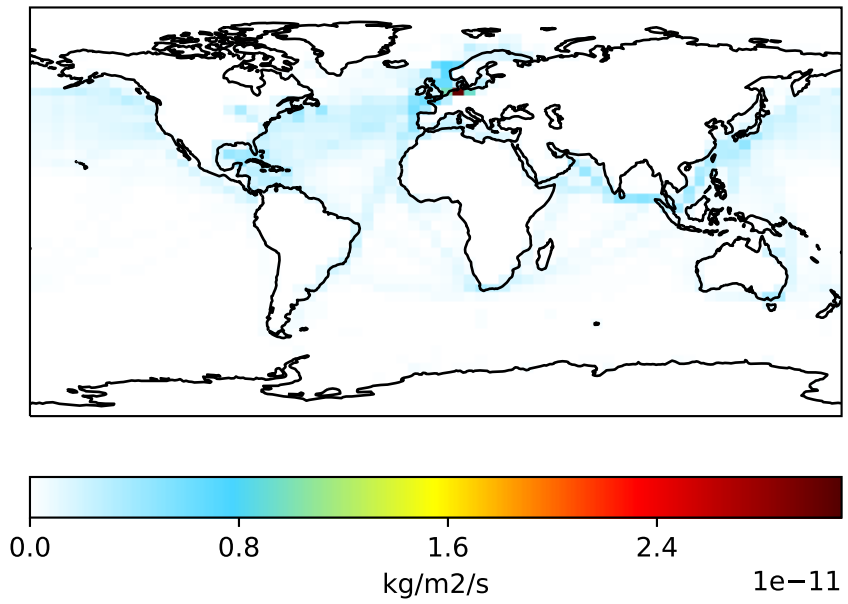


EmisNO2_Ship

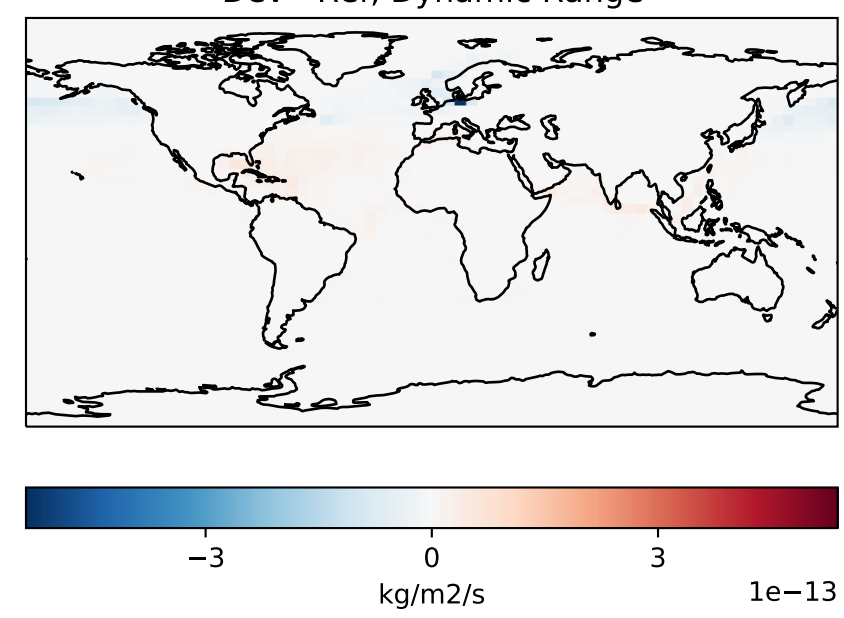
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



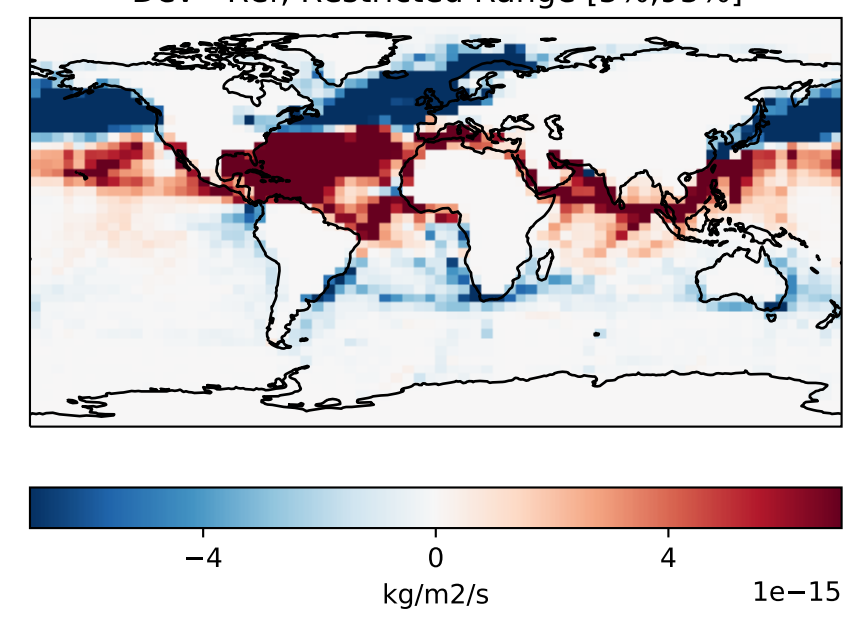
GCC_13.2.0-beta.0-LuoWetdep (Dev)
4.0x5.0



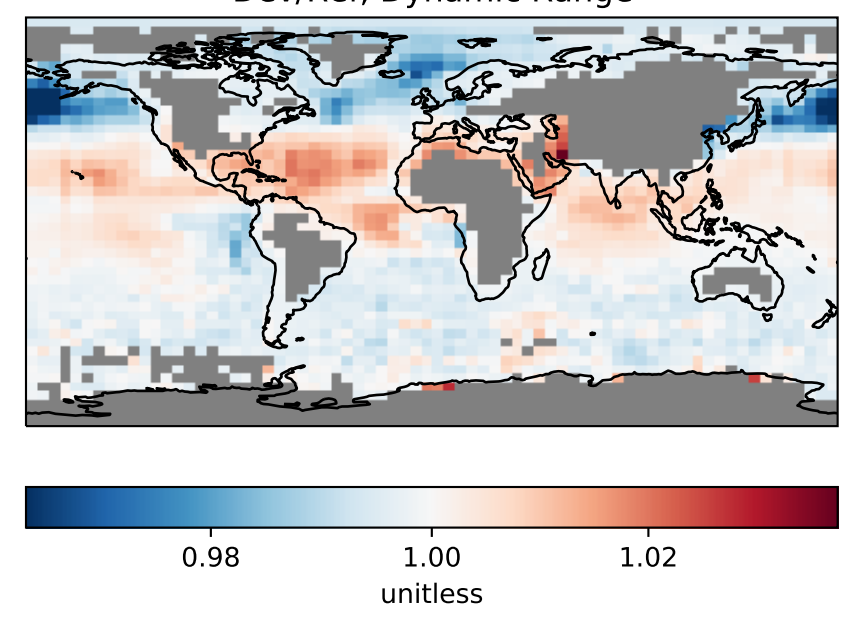
Difference
Dev - Ref, Dynamic Range



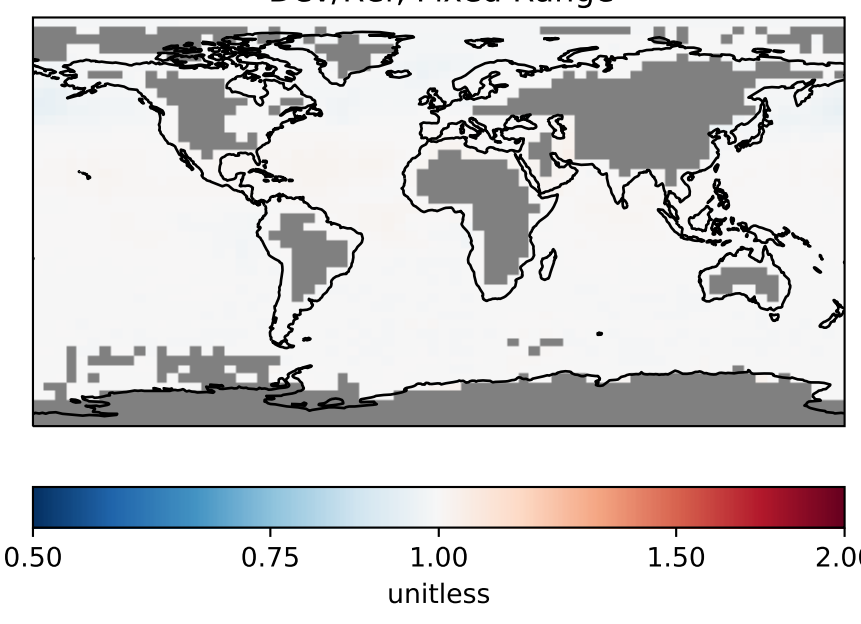
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

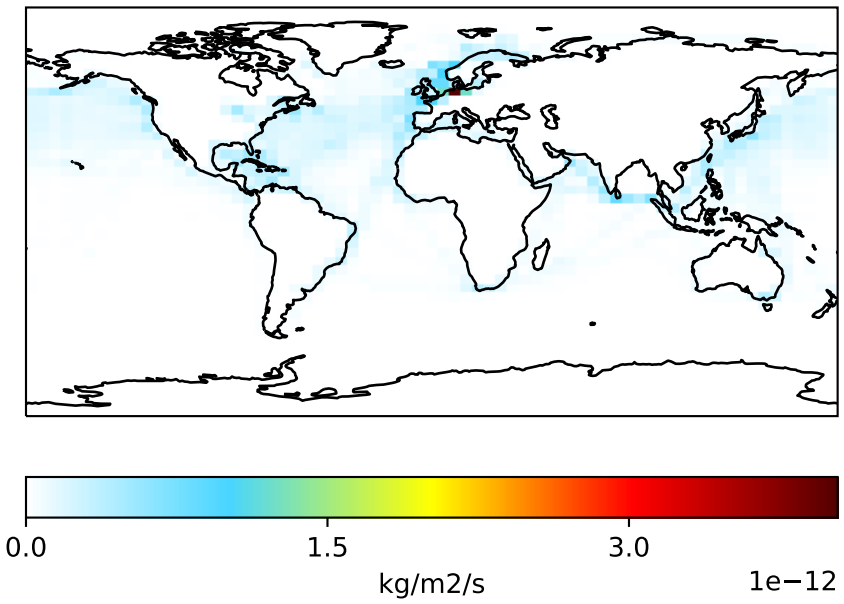


Ratio
Dev/Ref, Fixed Range

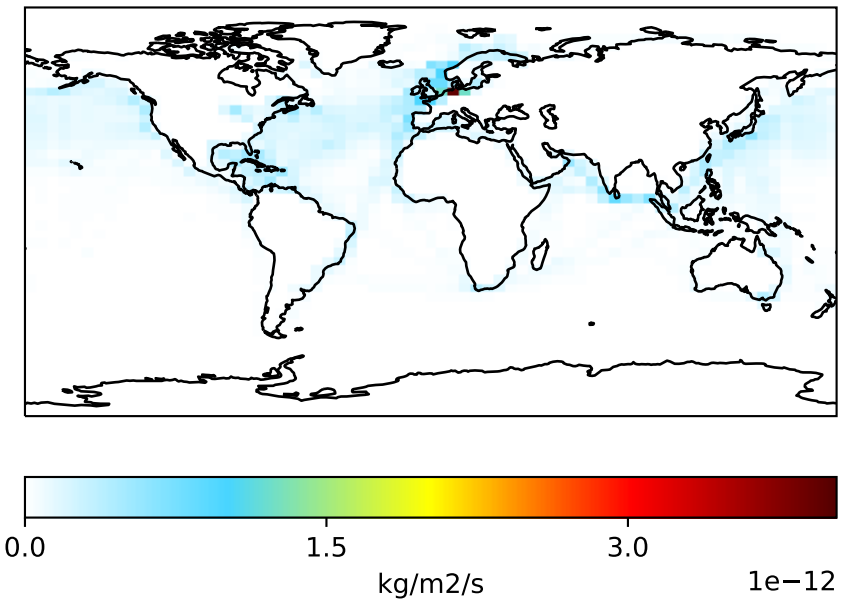


EmisNO_Ship

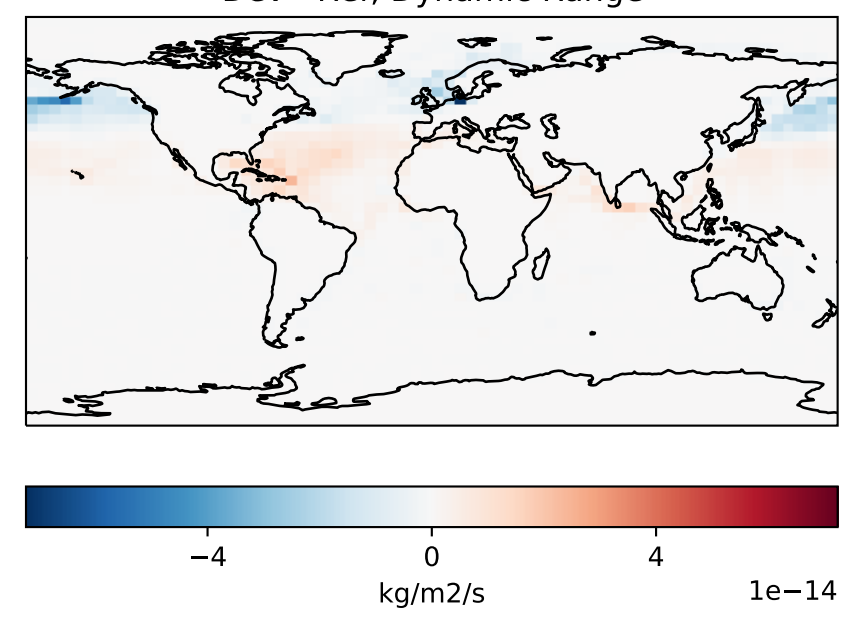
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



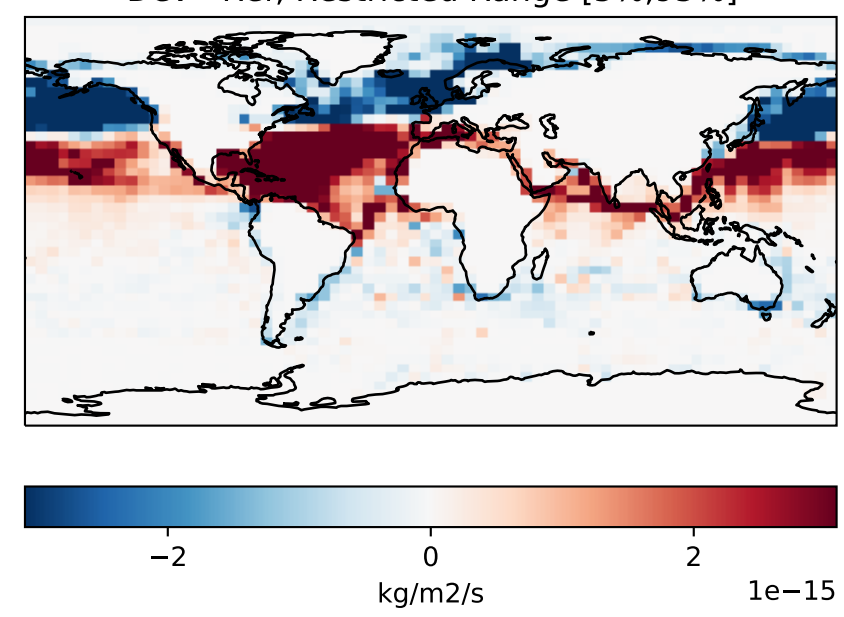
GCC_13.2.0-beta.0-LuoWetdep (Dev)
4.0x5.0



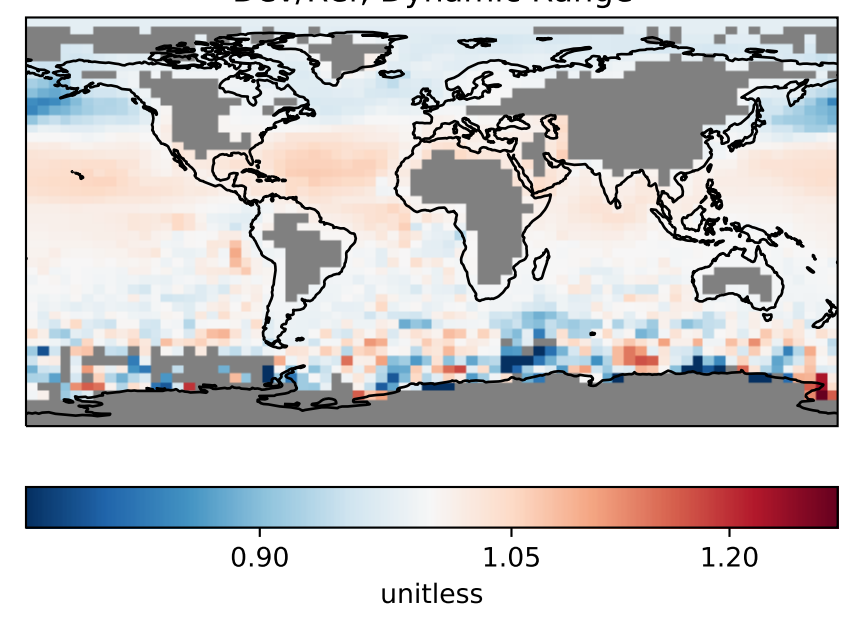
Difference
Dev - Ref, Dynamic Range



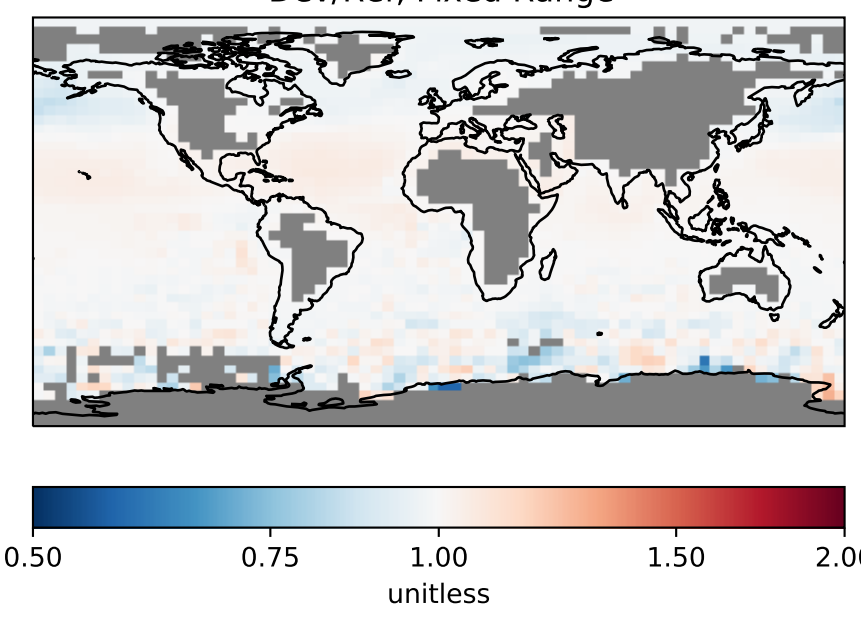
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

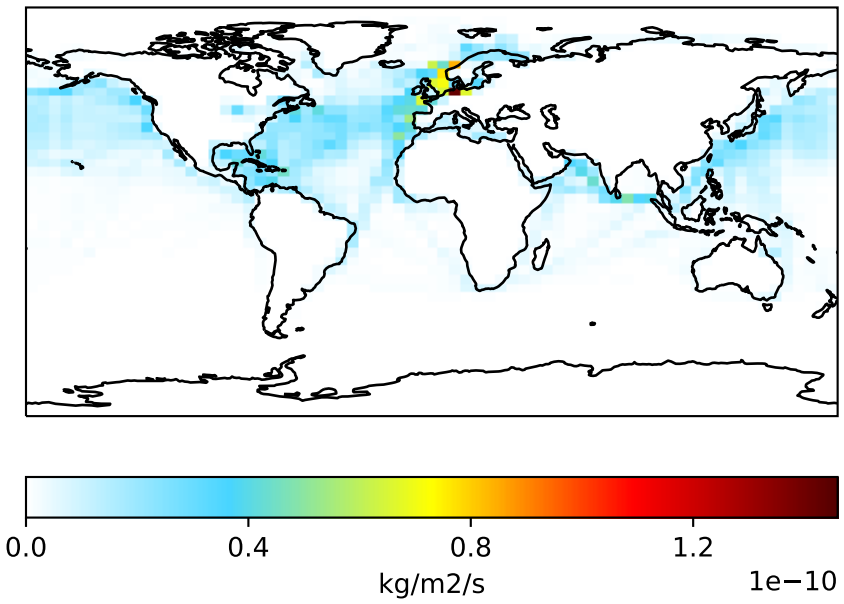


Ratio
Dev/Ref, Fixed Range

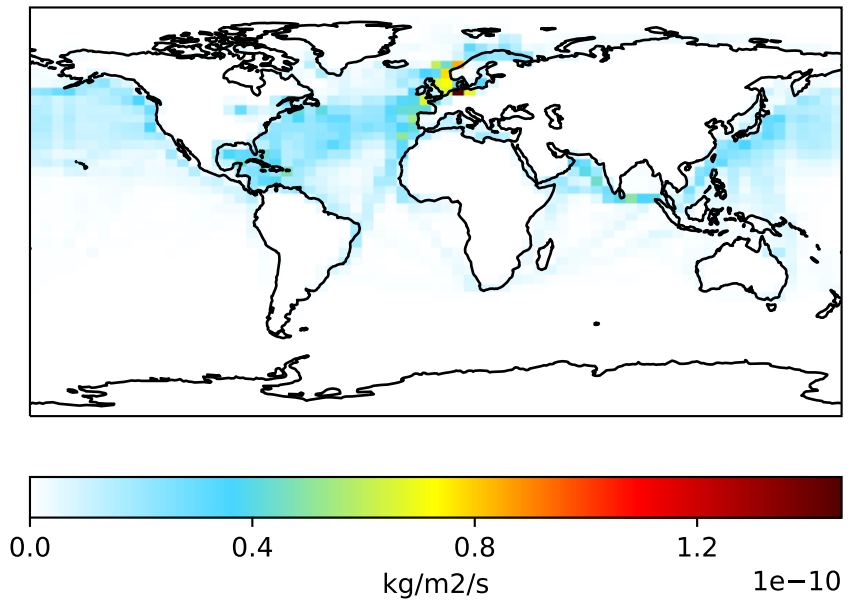


EmisO3_Ship

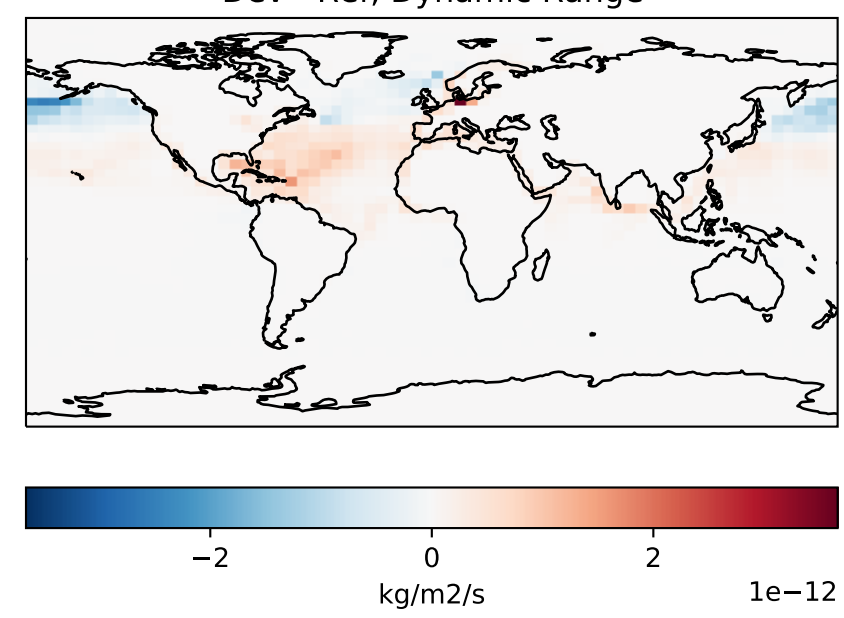
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



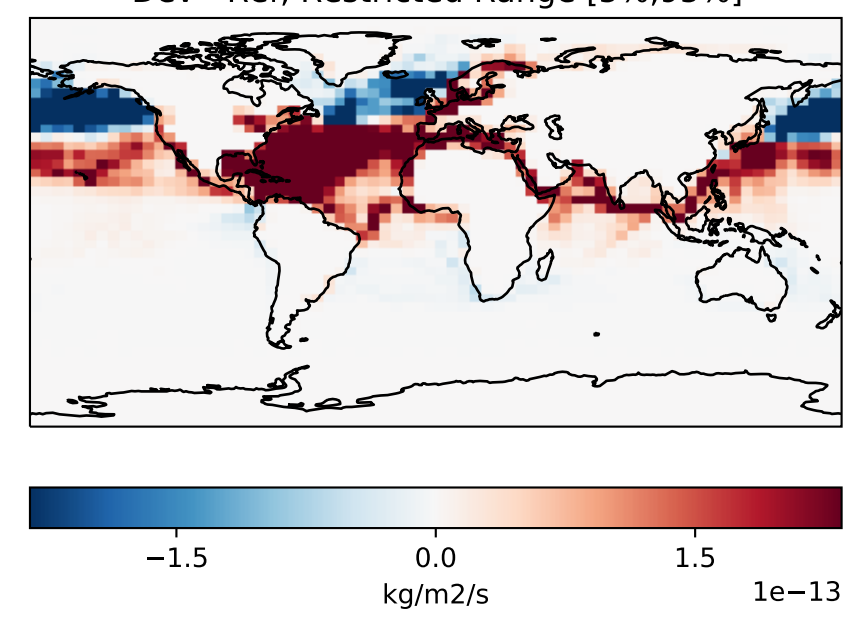
GCC_13.2.0-beta.0-LuoWetdep (Dev)
4.0x5.0



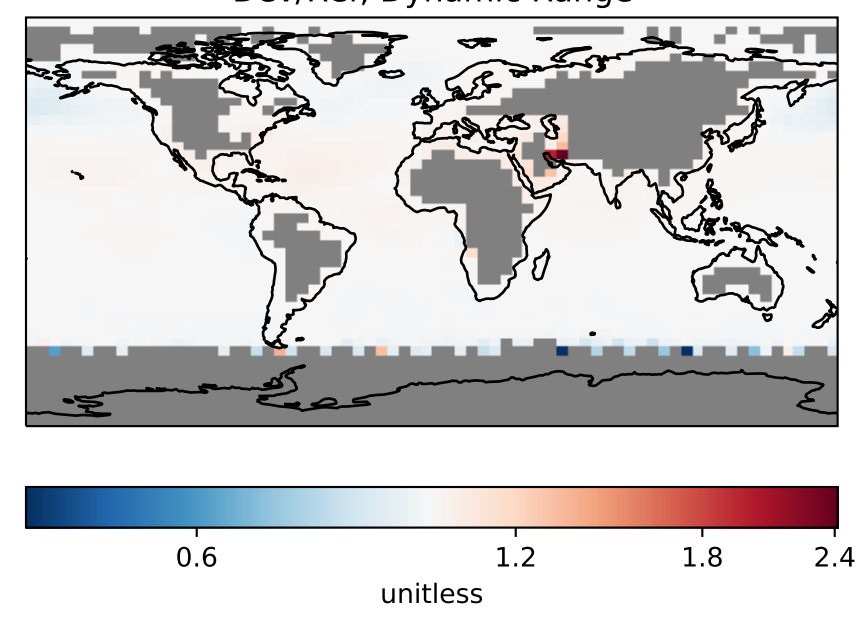
Difference
Dev - Ref, Dynamic Range



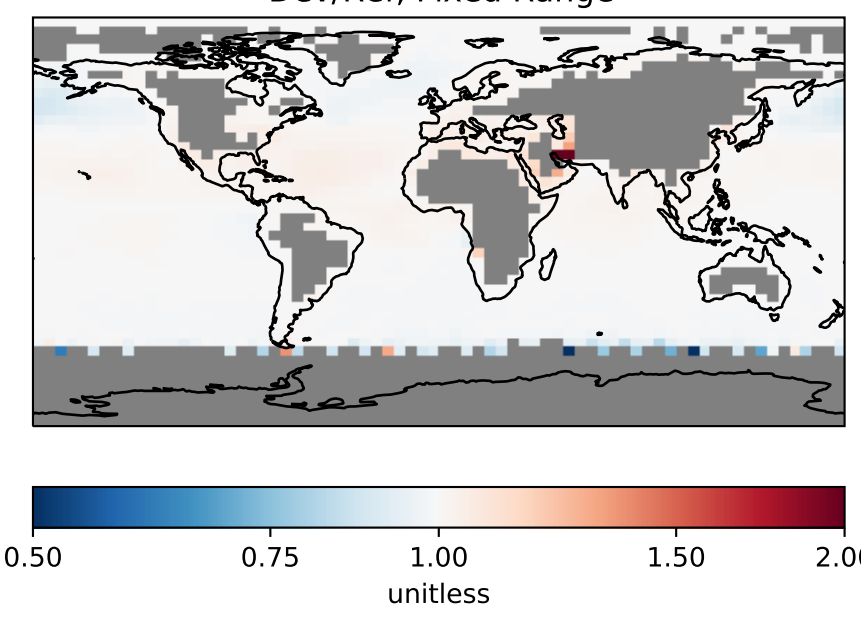
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

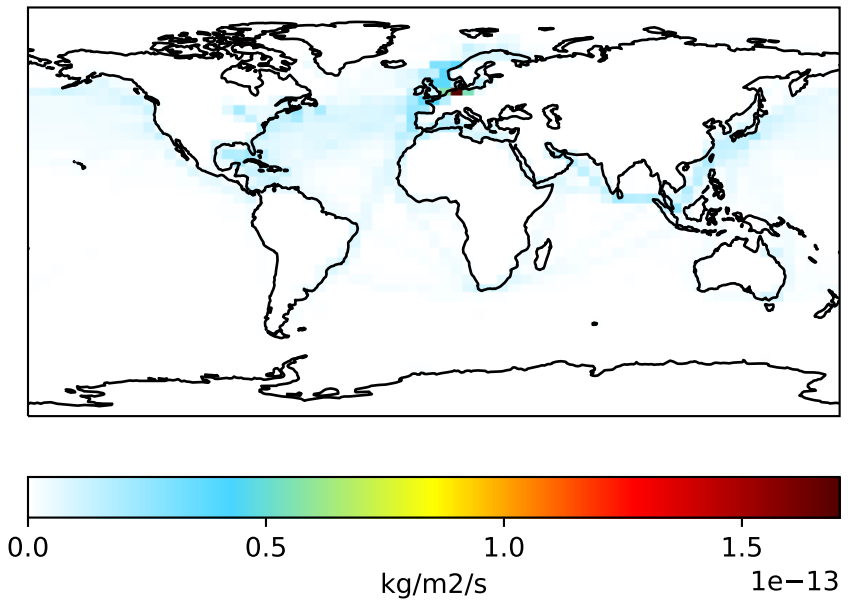


Ratio
Dev/Ref, Fixed Range

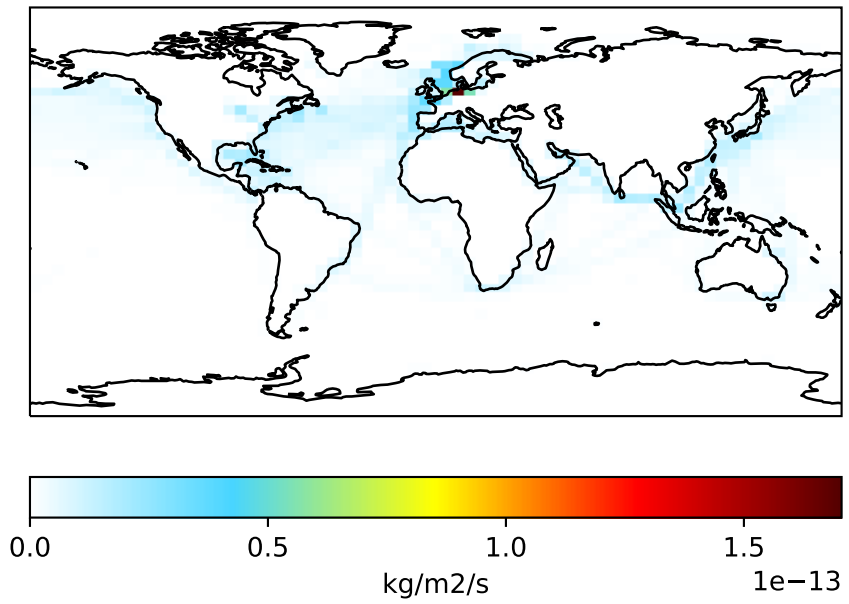


EmisOCPI_Ship

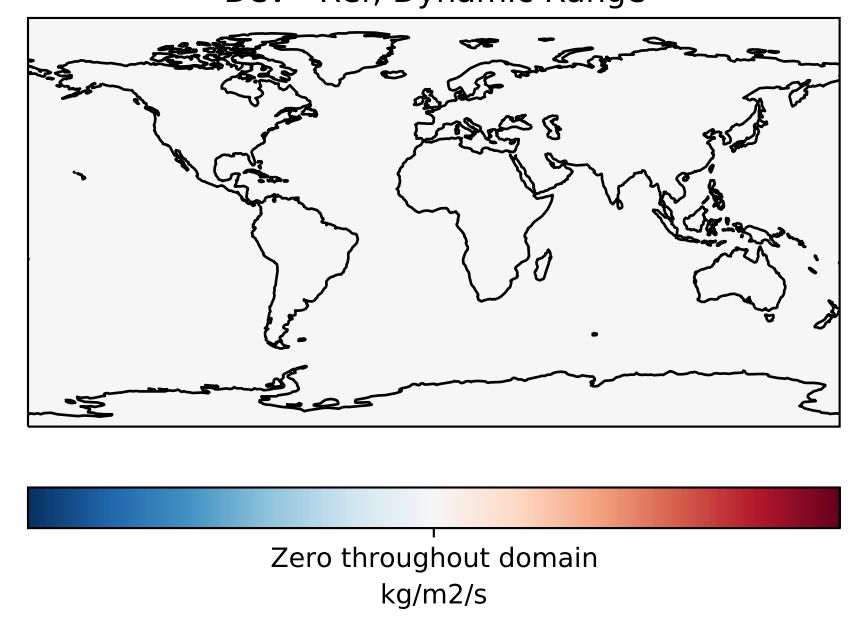
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



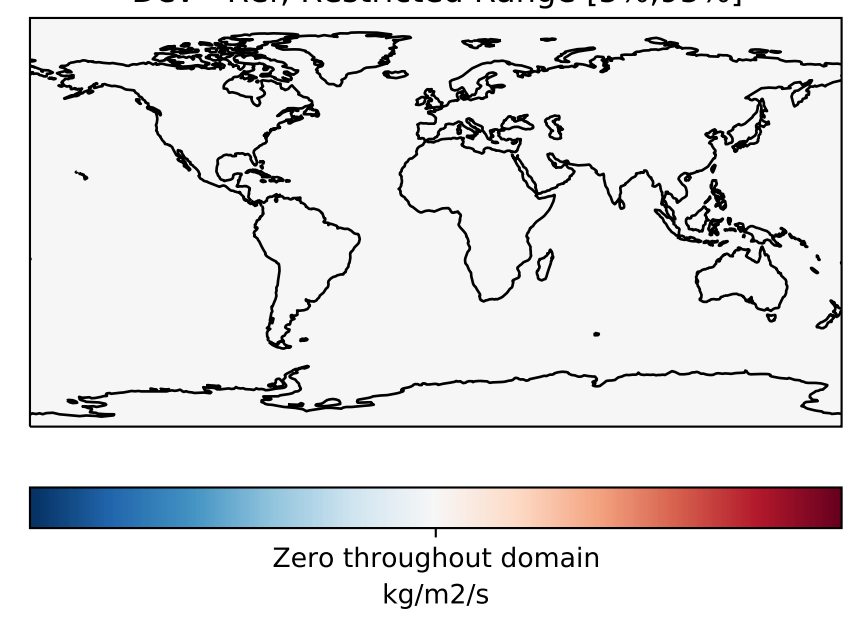
GCC_13.2.0-beta.0-LuoWetdep (Dev)
4.0x5.0



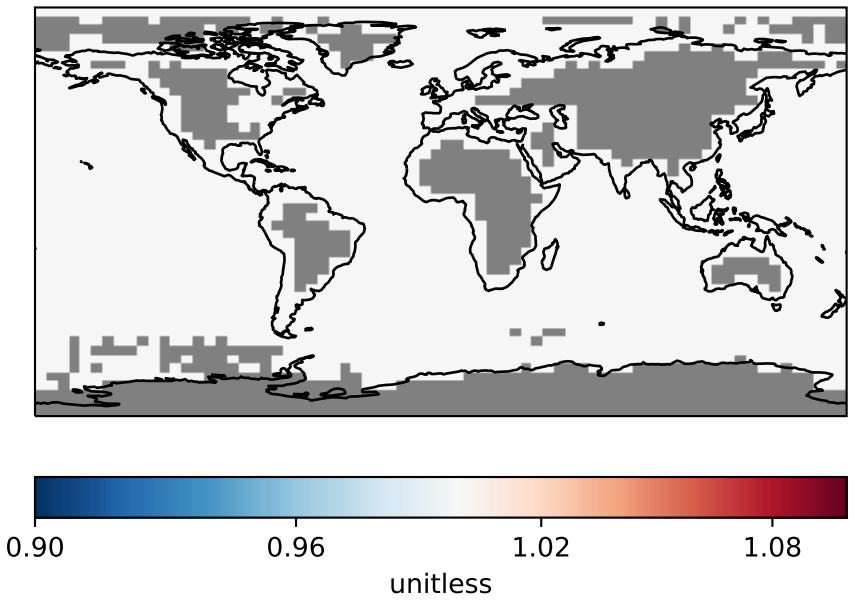
Difference
Dev - Ref, Dynamic Range



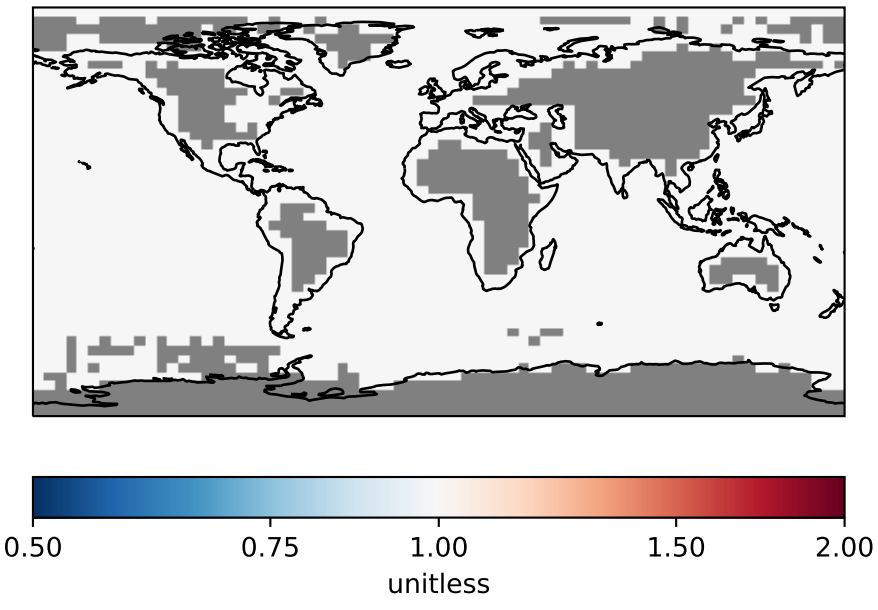
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

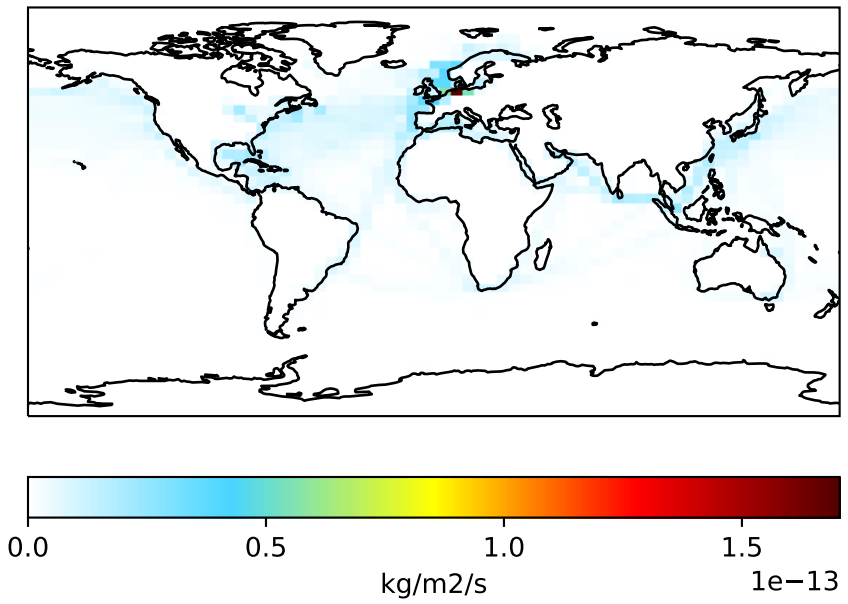


Ratio
Dev/Ref, Fixed Range

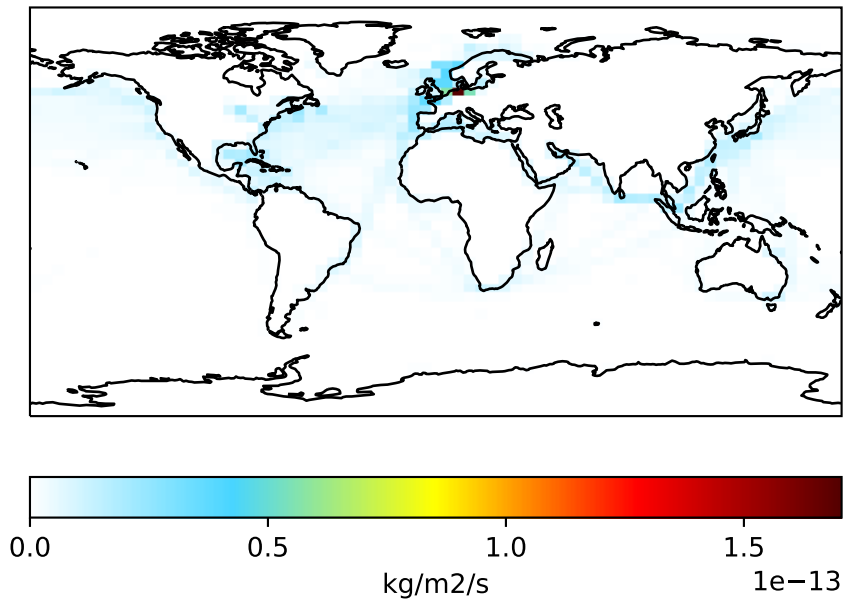


EmisOCPO_Ship

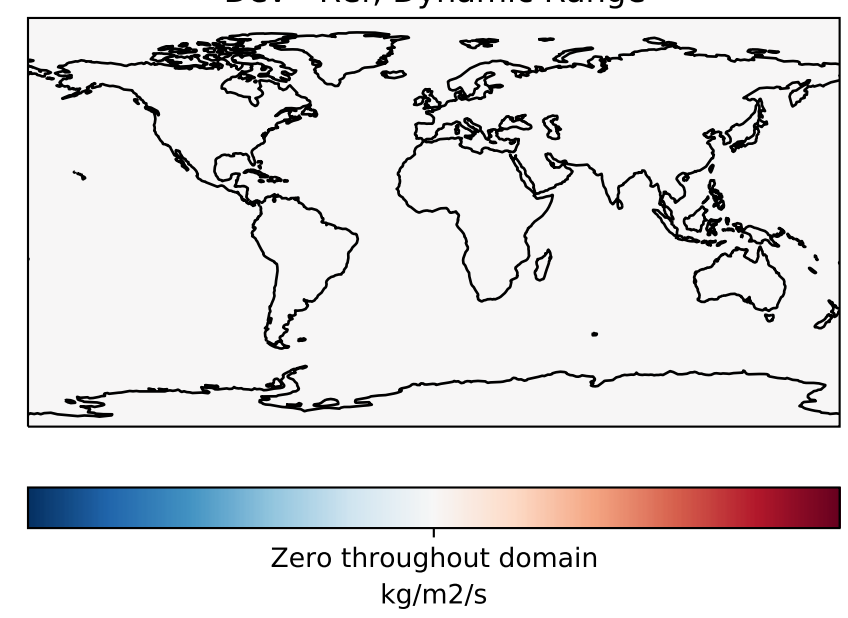
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



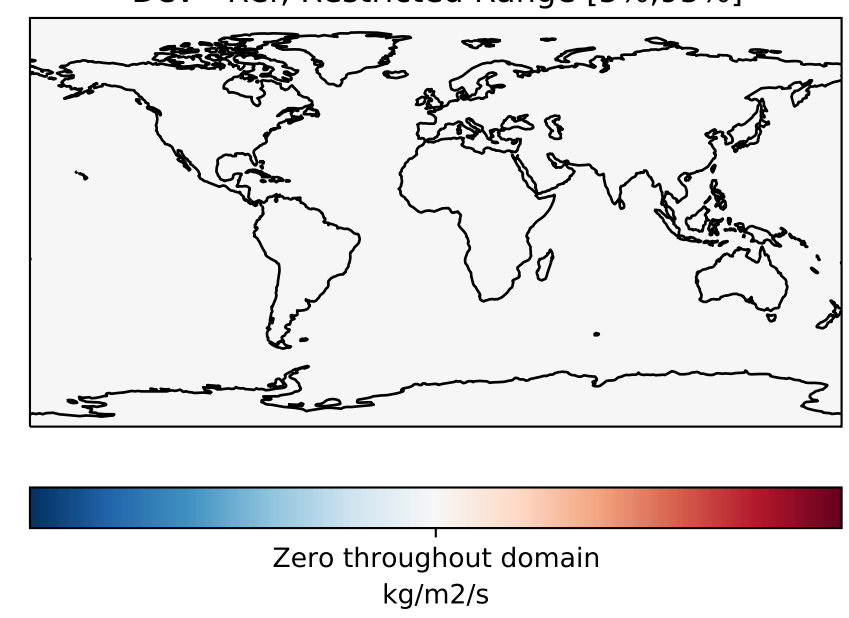
GCC_13.2.0-beta.0-LuoWetdep (Dev)
4.0x5.0



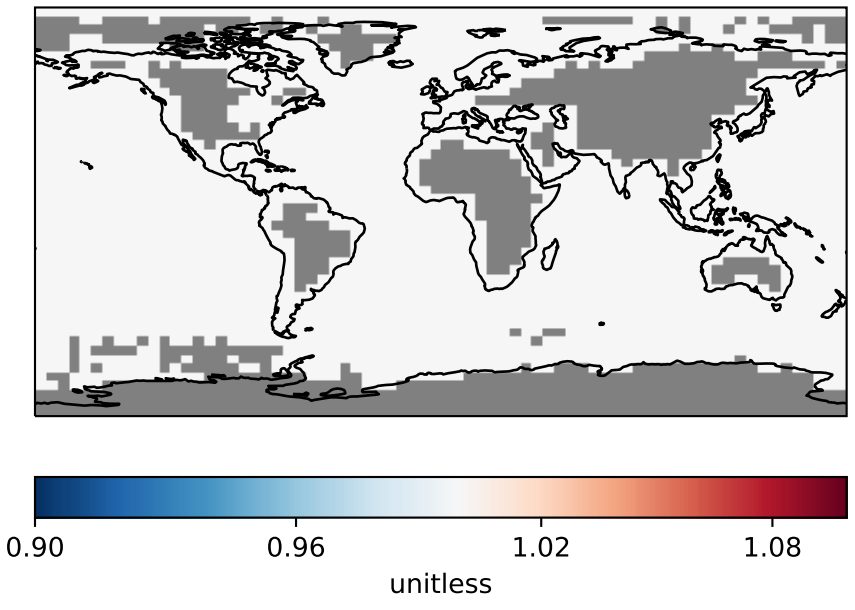
Difference
Dev - Ref, Dynamic Range



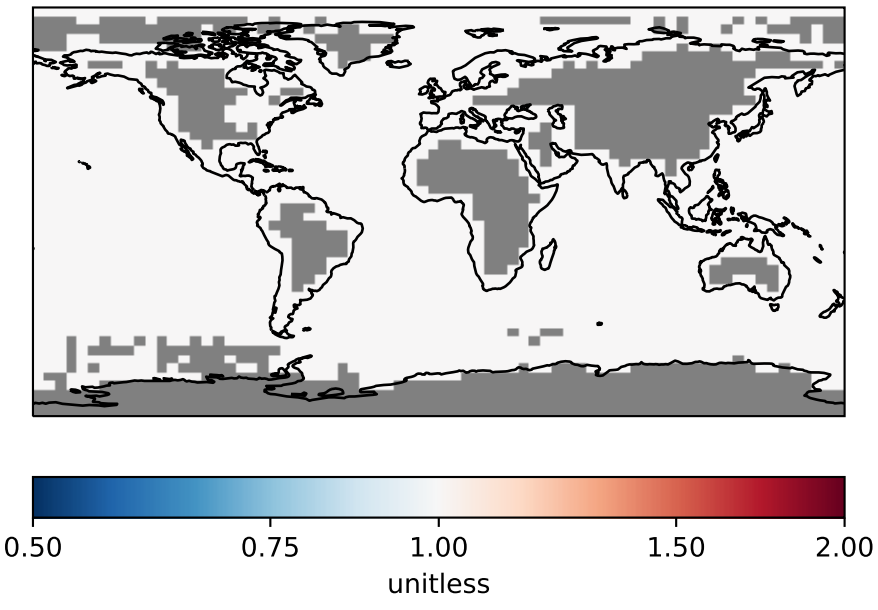
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

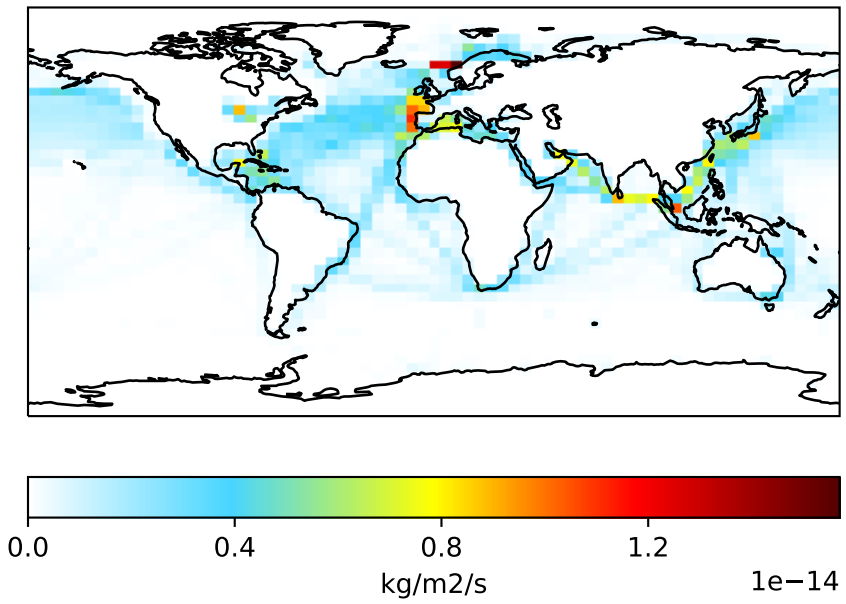


Ratio
Dev/Ref, Fixed Range

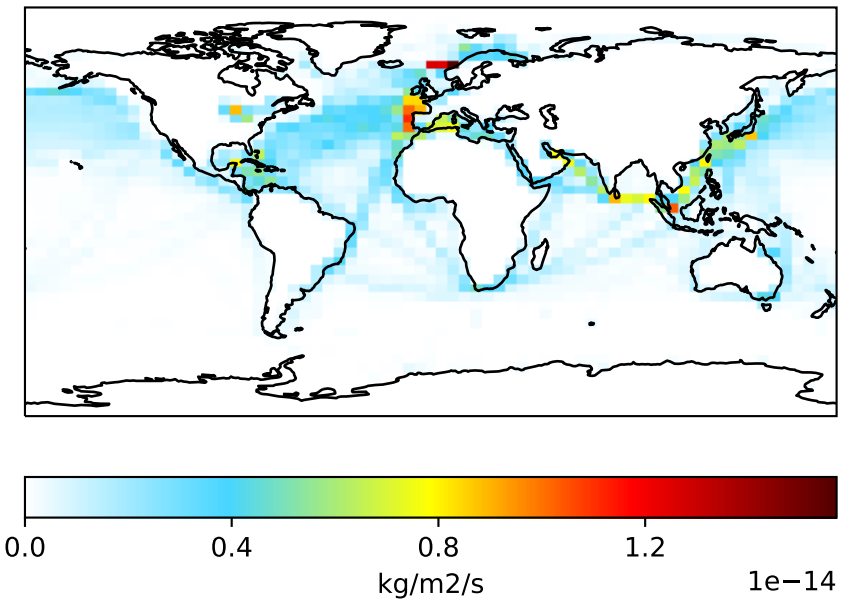


EmispFe_Ship

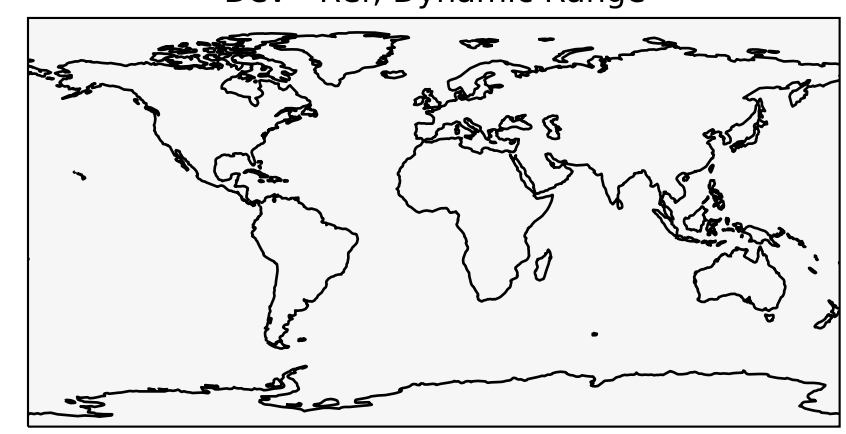
GCC_13.2.0-beta.0 (Ref)
4.0x5.0

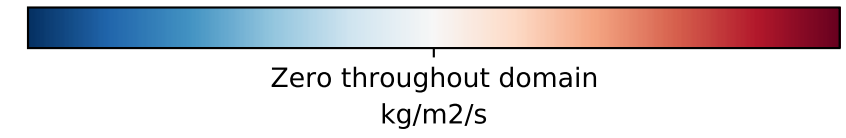


GCC_13.2.0-beta.0-LuoWetdep (Dev)
4.0x5.0

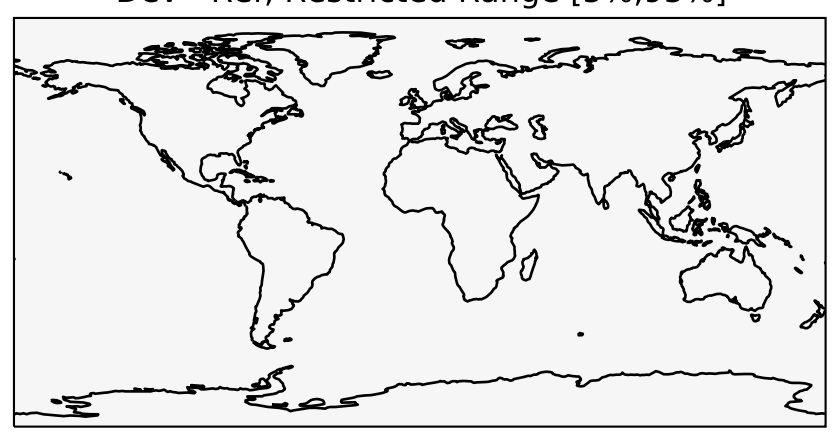


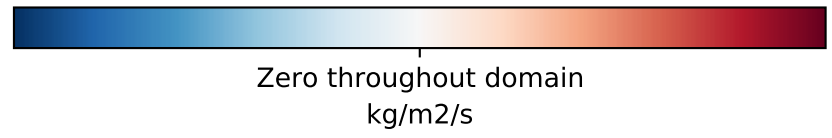
Difference
Dev - Ref, Dynamic Range



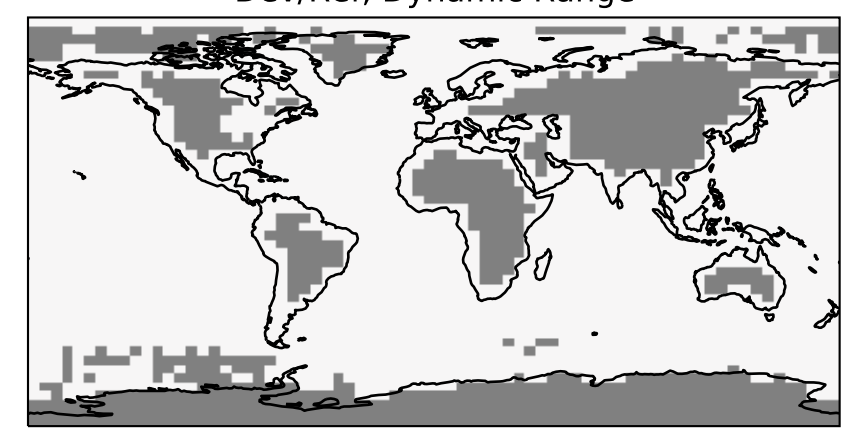


Difference
Dev - Ref, Restricted Range [5%,95%]

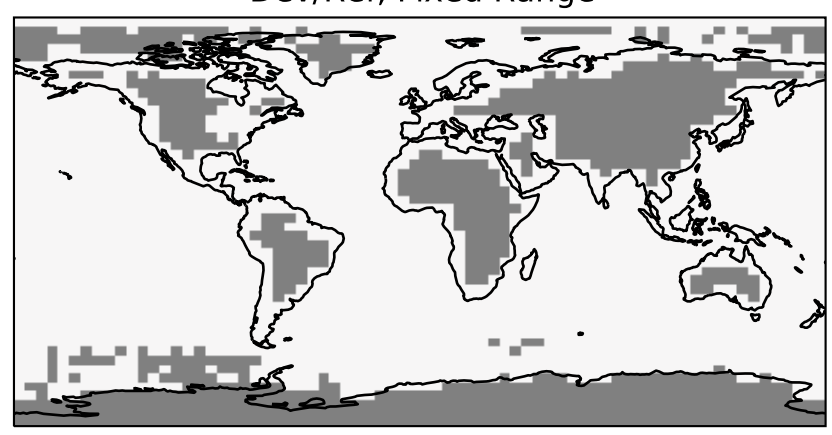


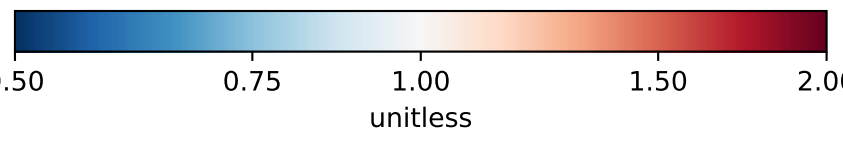


Ratio
Dev/Ref, Dynamic Range



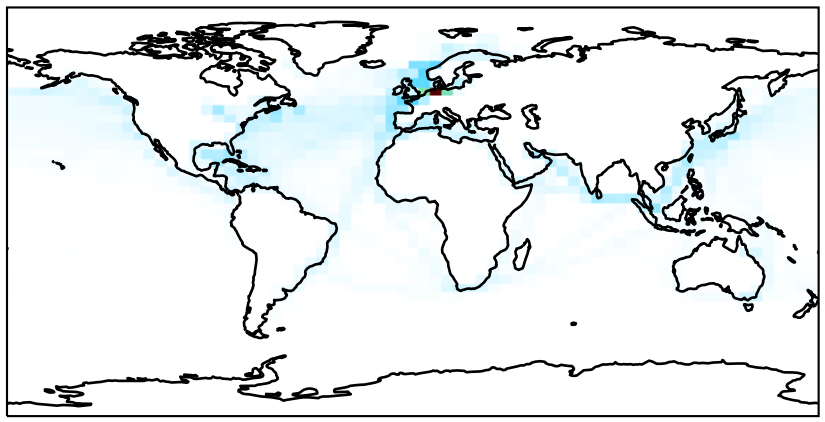
Ratio
Dev/Ref, Fixed Range

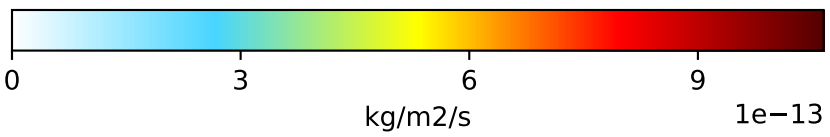




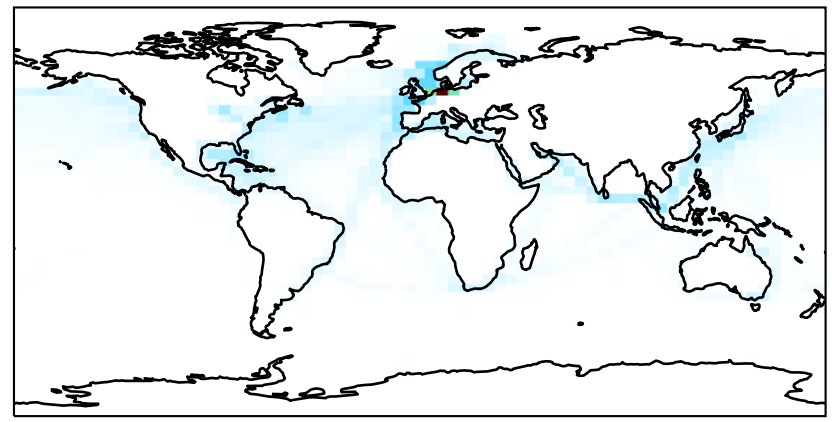
EmisPRPE_Ship

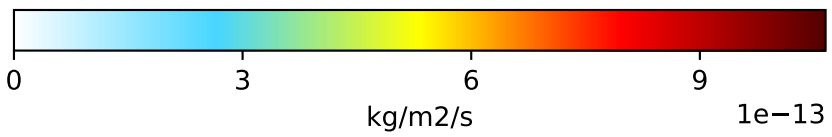
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



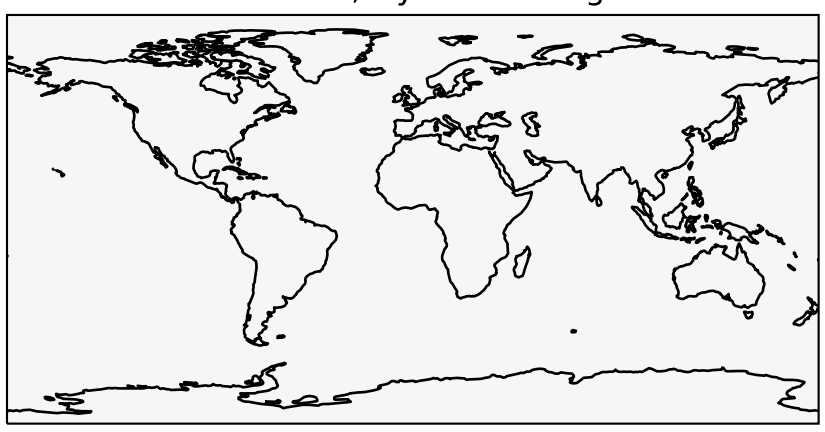


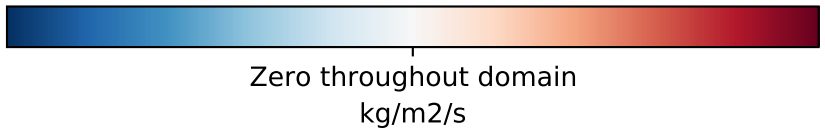
GCC_13.2.0-beta.0-LuoWetdep (Dev)
4.0x5.0



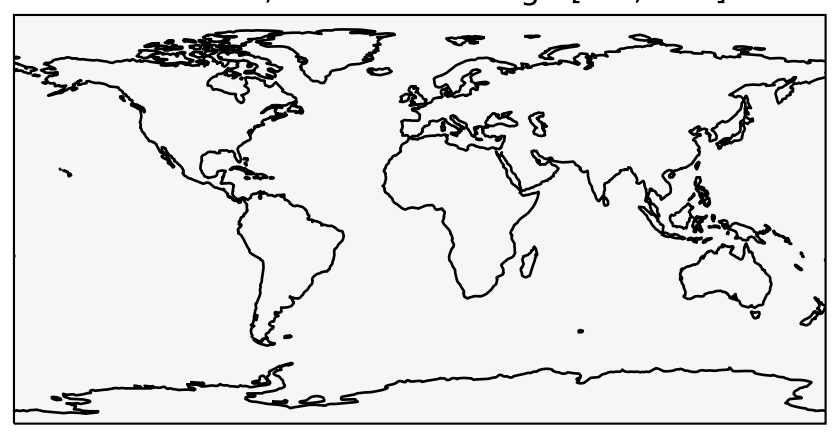


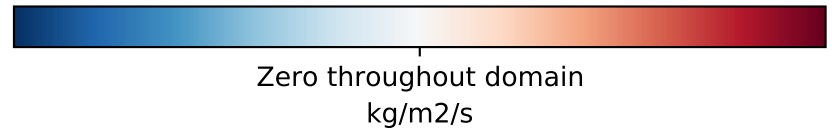
Difference
Dev - Ref, Dynamic Range



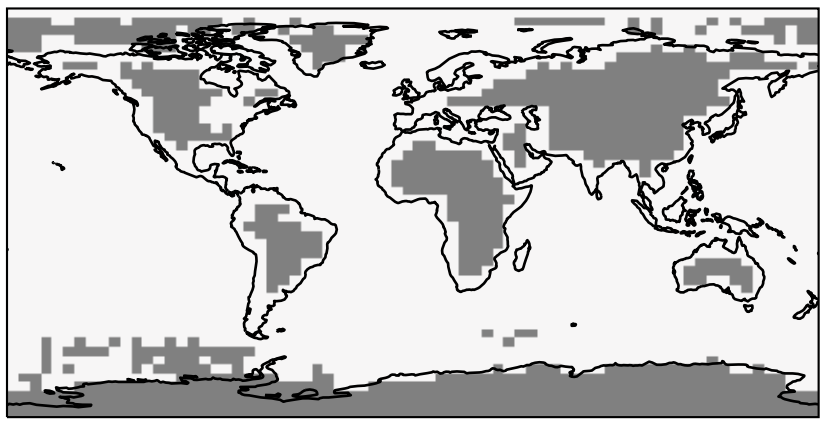


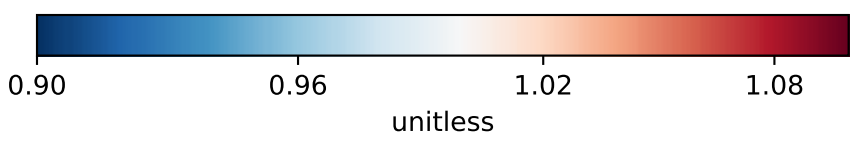
Difference
Dev - Ref, Restricted Range [5%,95%]



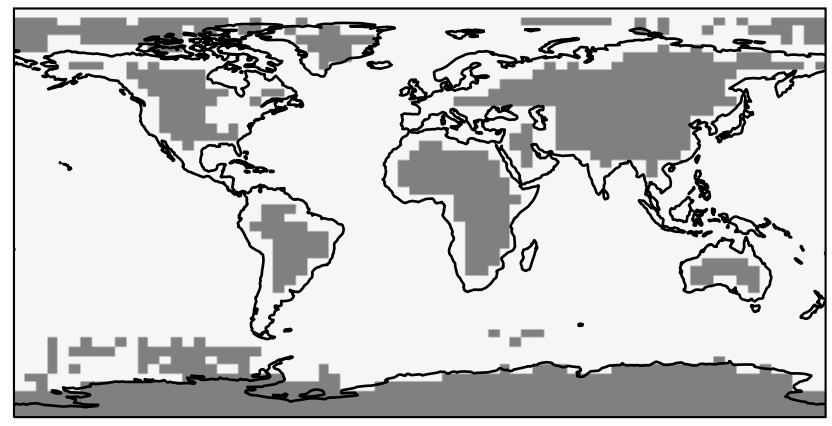


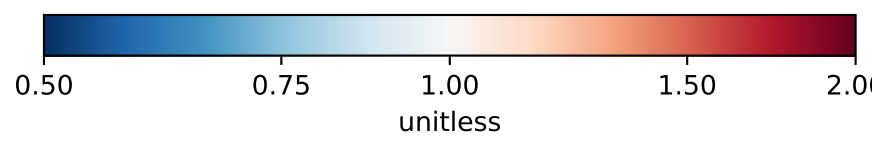
Ratio
Dev/Ref, Dynamic Range





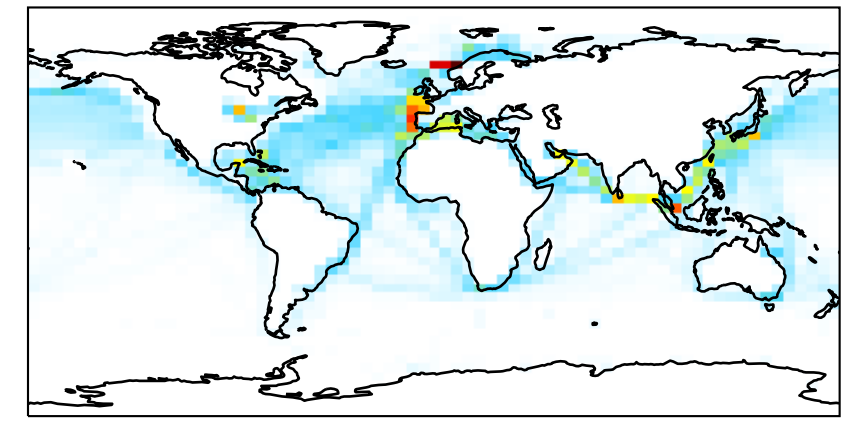
Ratio
Dev/Ref, Fixed Range

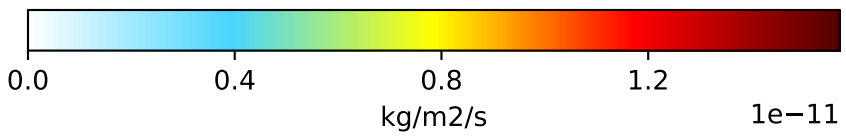




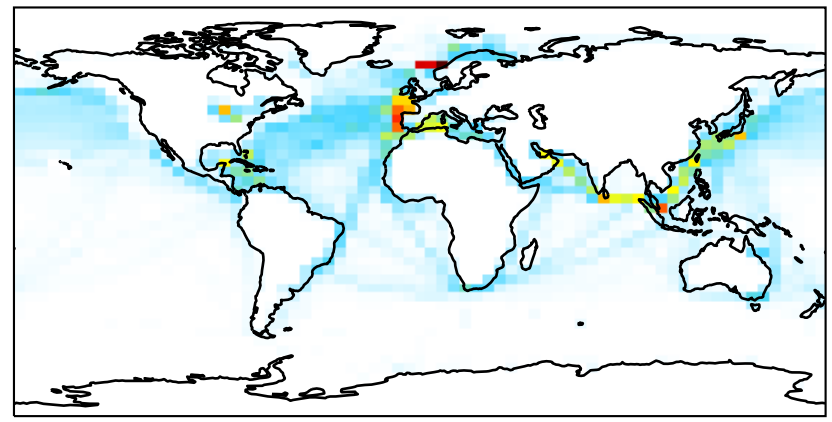
EmisSO2_Ship

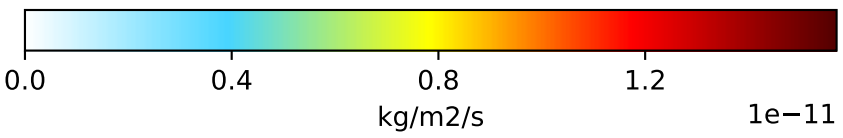
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



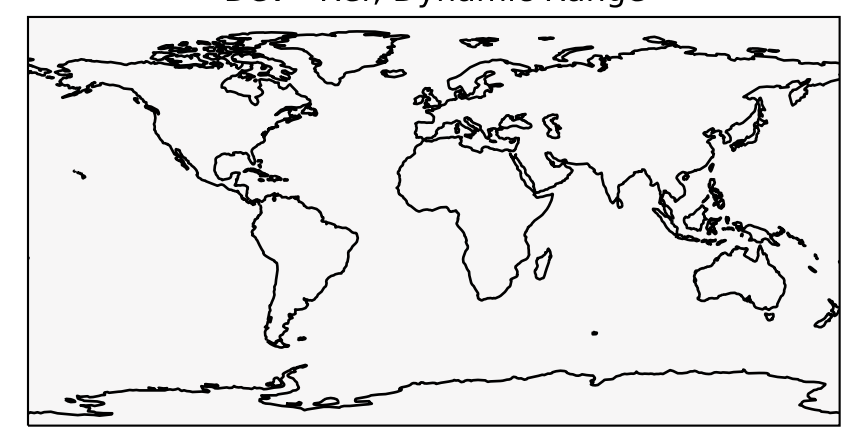


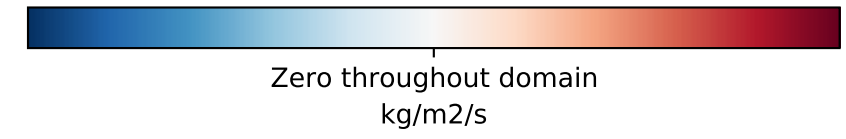
GCC_13.2.0-beta.0-LuoWetdep (Dev)
4.0x5.0



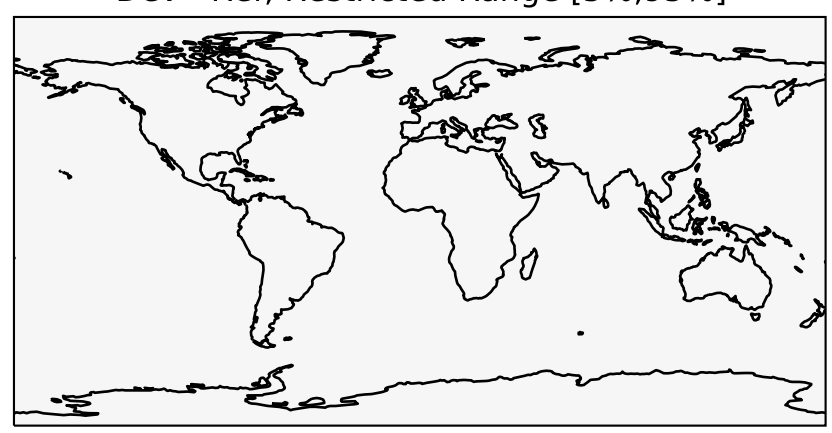


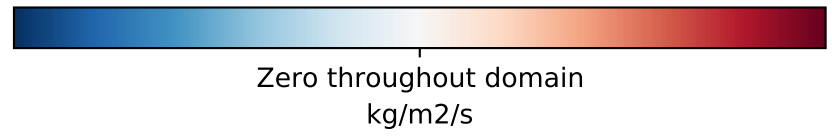
Difference
Dev - Ref, Dynamic Range



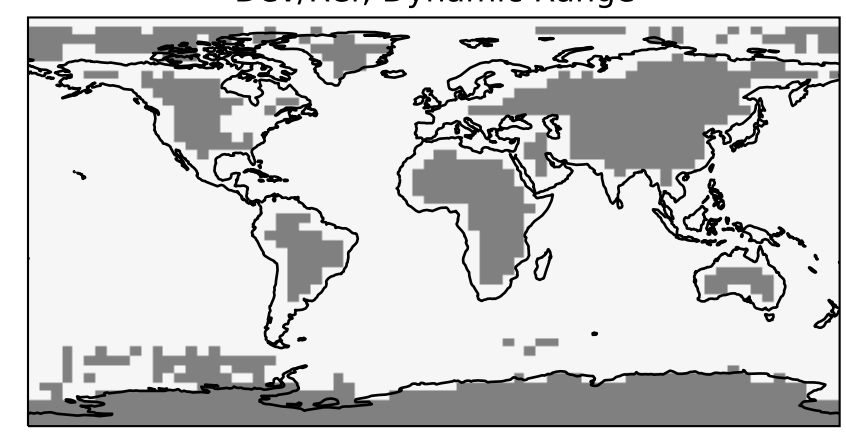


Difference
Dev - Ref, Restricted Range [5%,95%]

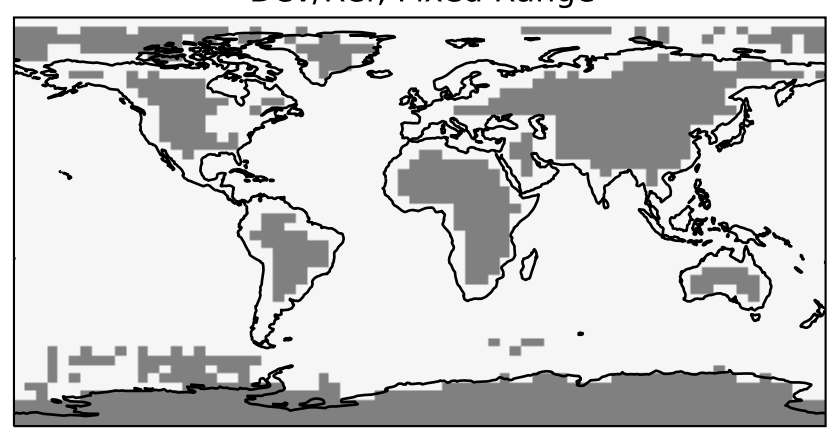


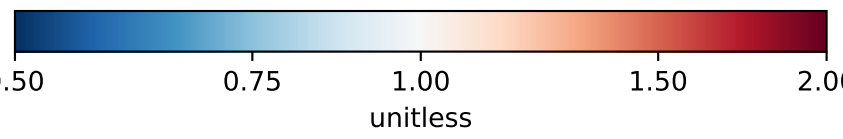


Ratio
Dev/Ref, Dynamic Range



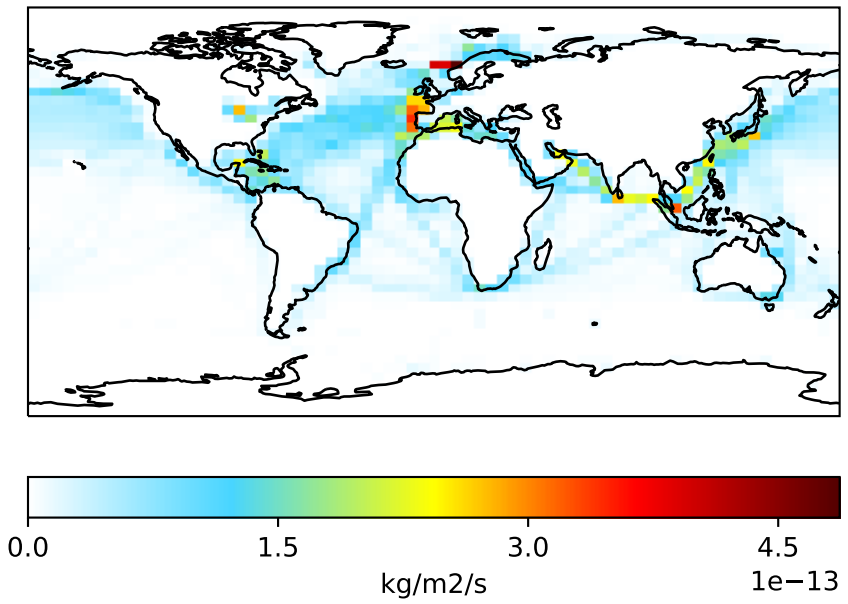
Ratio
Dev/Ref, Fixed Range



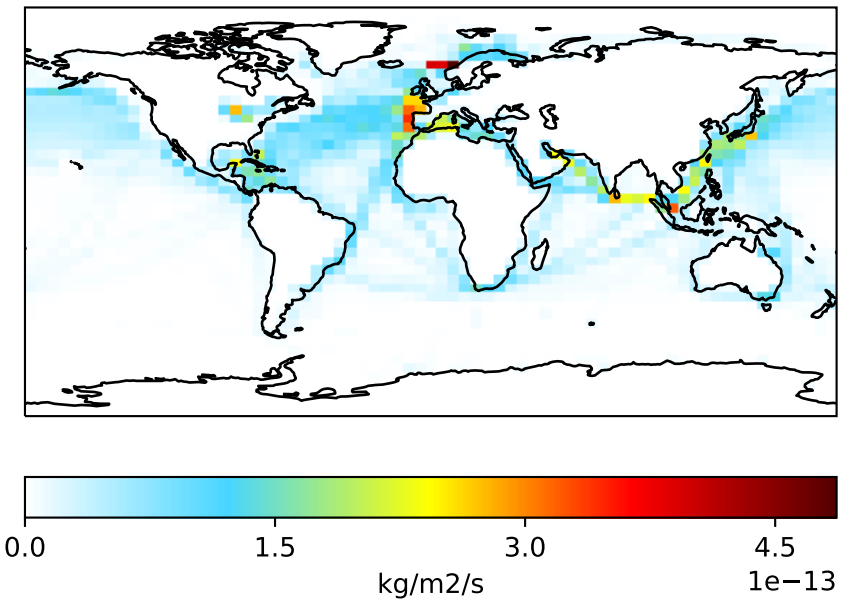


EmisSO4_Ship

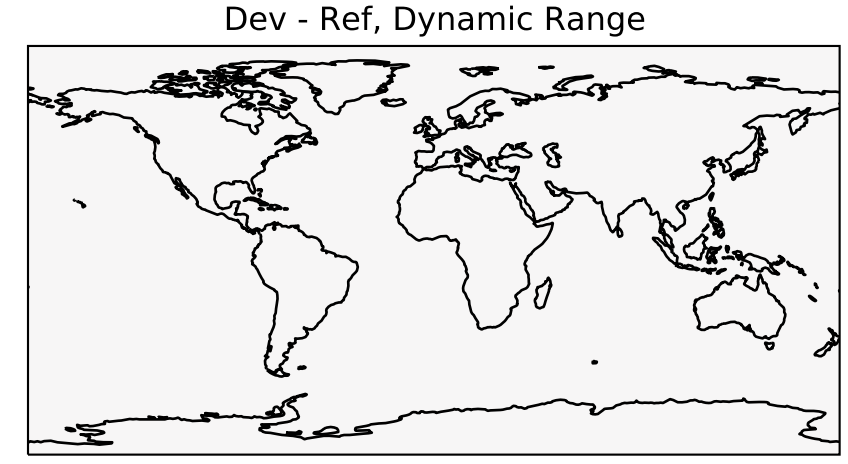
GCC_13.2.0-beta.0 (Ref)
4.0x5.0

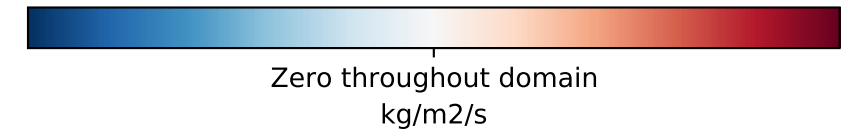


GCC_13.2.0-beta.0-LuoWetdep (Dev)
4.0x5.0

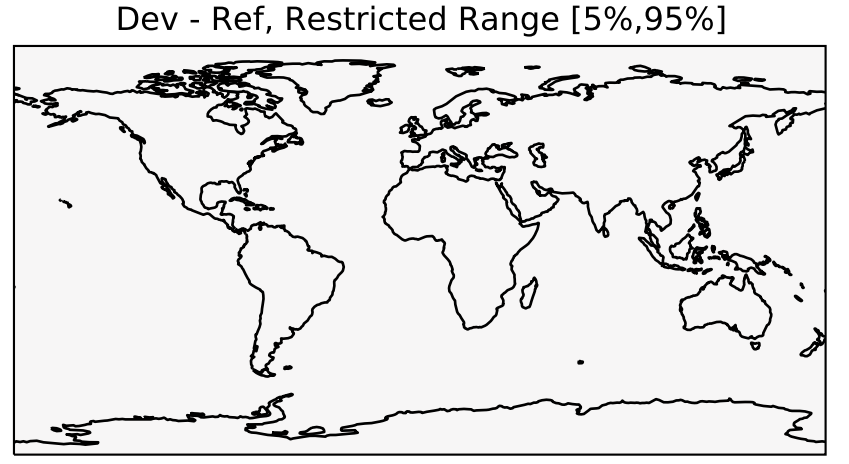


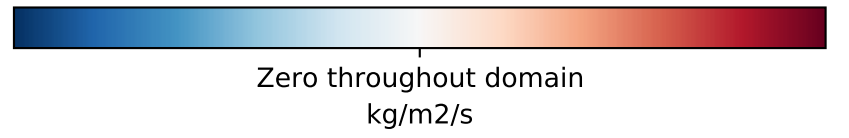
Difference
Dev - Ref, Dynamic Range



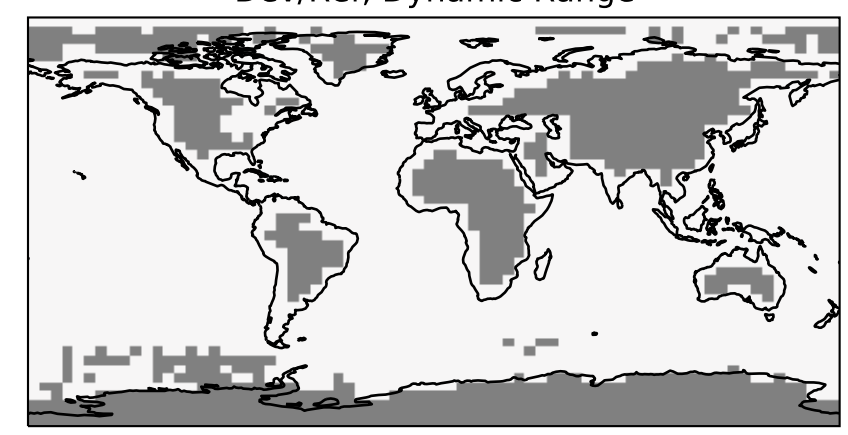


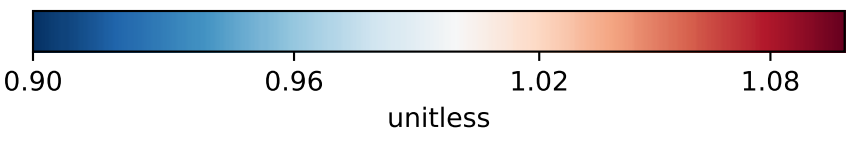
Difference
Dev - Ref, Restricted Range [5%,95%]



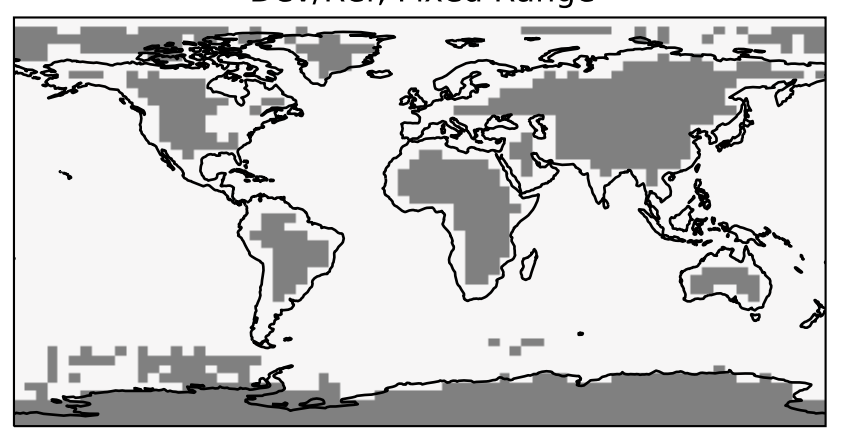


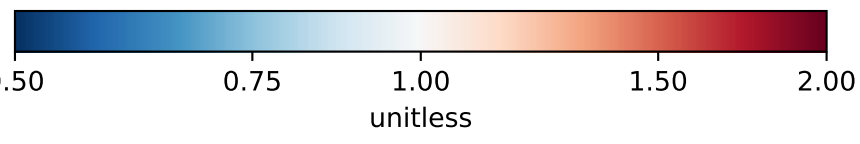
Ratio
Dev/Ref, Dynamic Range





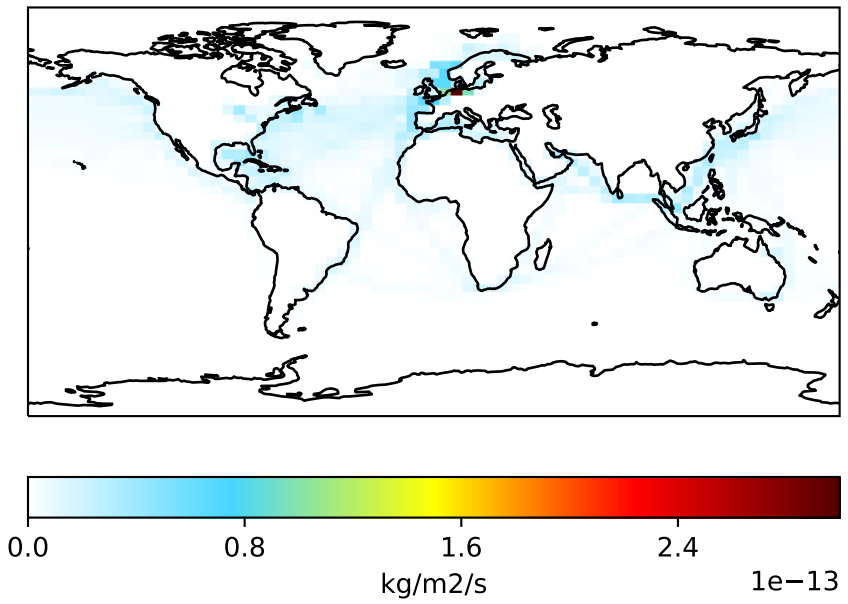
Ratio
Dev/Ref, Fixed Range



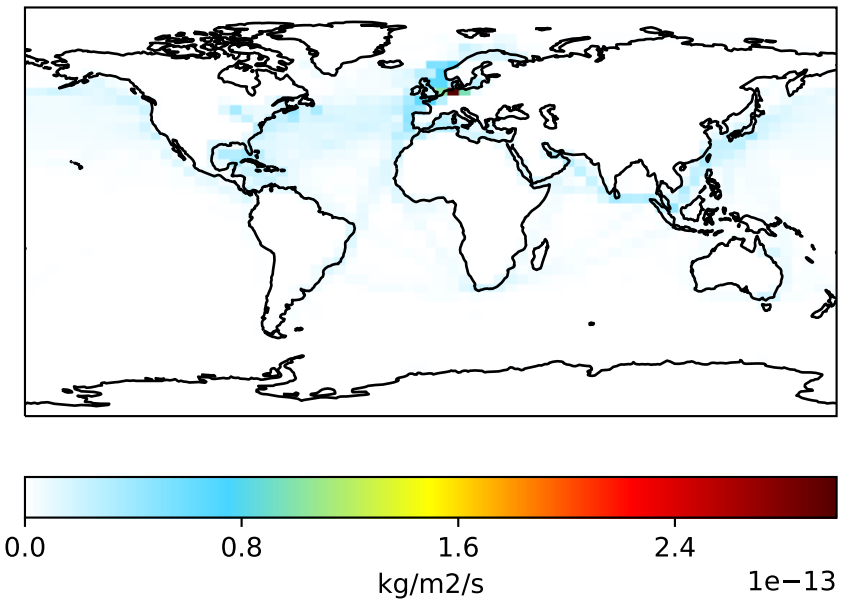


EmisSOAP_Ship

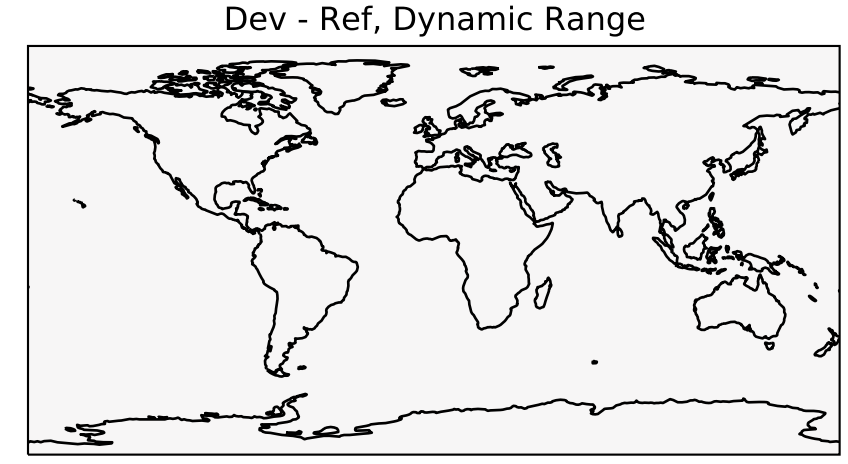
GCC_13.2.0-beta.0 (Ref)
4.0x5.0

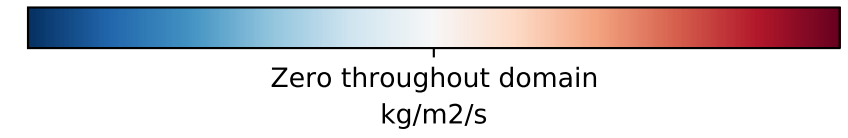


GCC_13.2.0-beta.0-LuoWetdep (Dev)
4.0x5.0

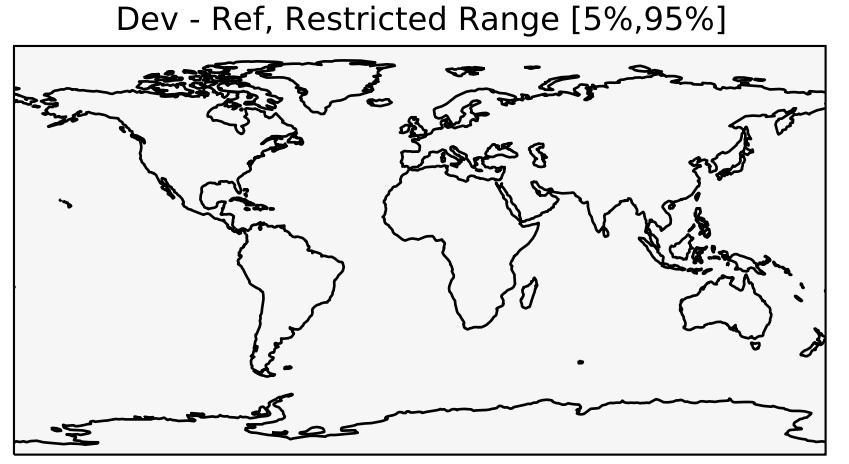


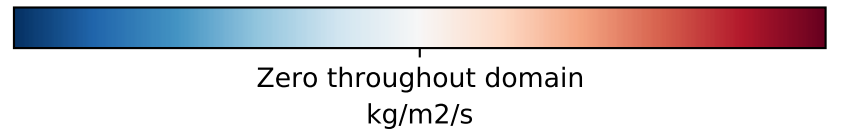
Difference
Dev - Ref, Dynamic Range



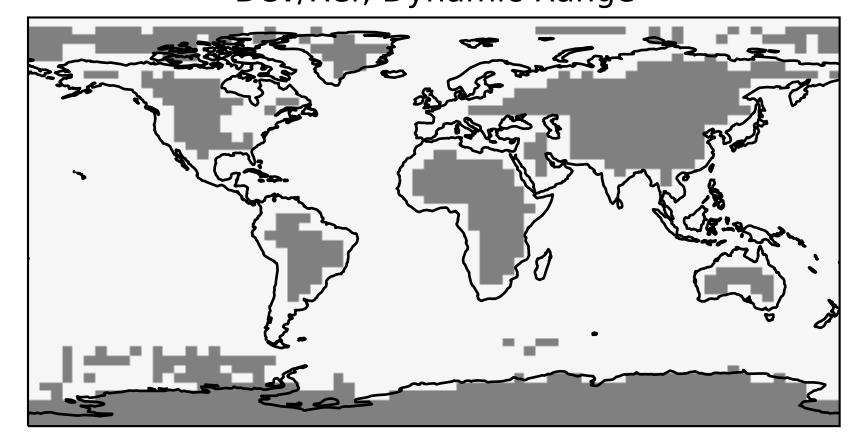


Difference
Dev - Ref, Restricted Range [5%,95%]

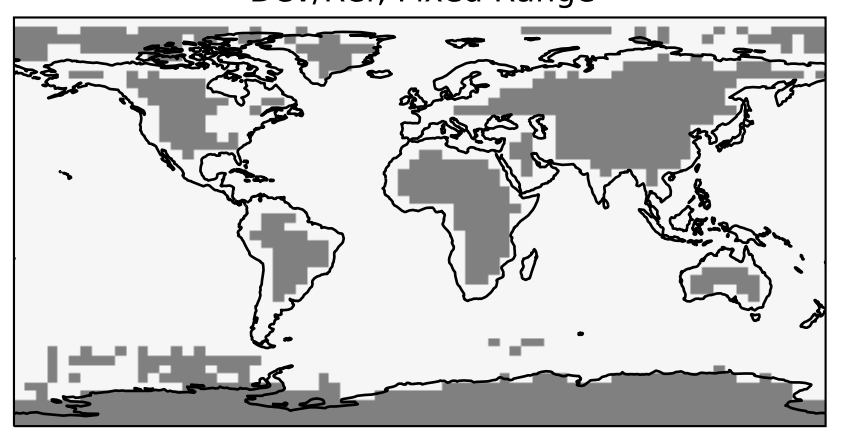


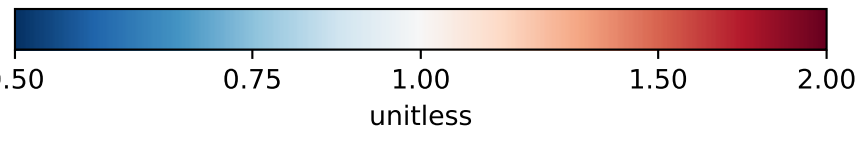


Ratio
Dev/Ref, Dynamic Range



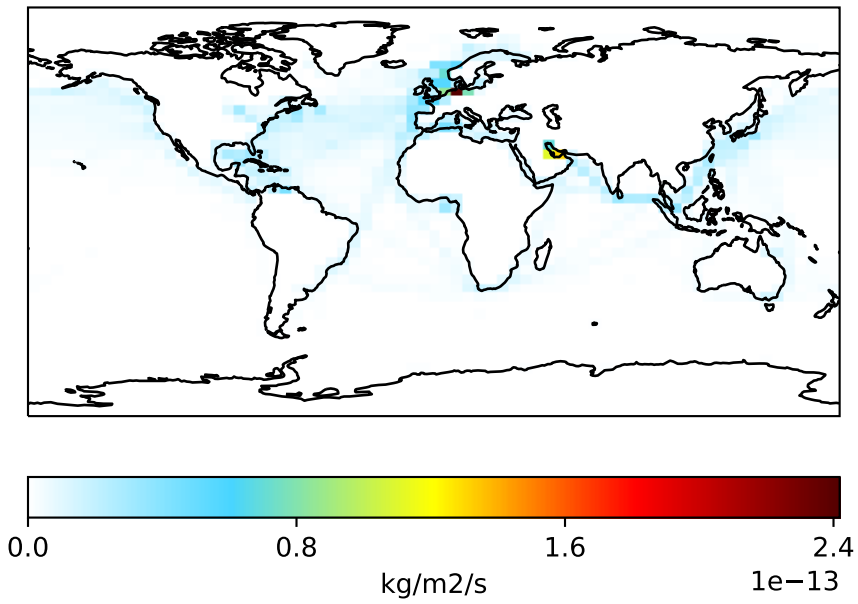
Ratio
Dev/Ref, Fixed Range



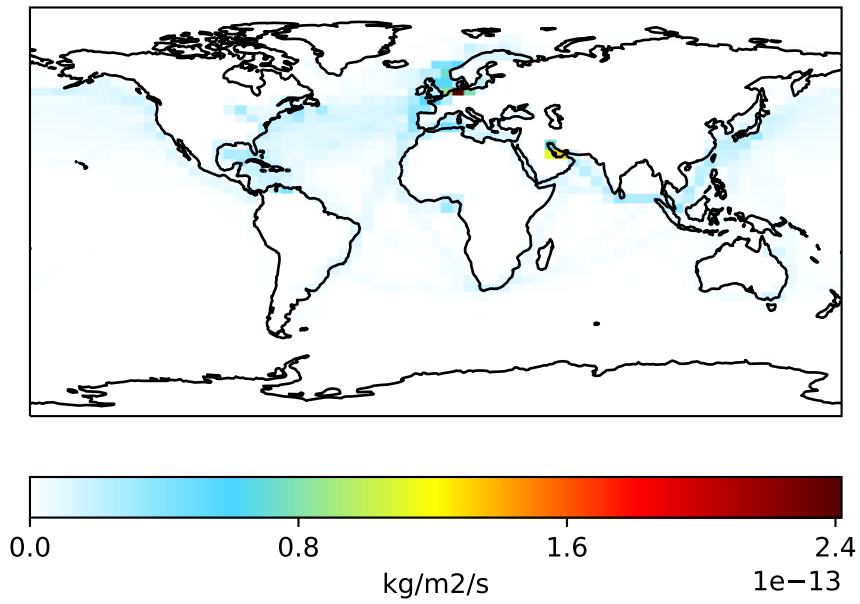


EmisTOLU_Ship

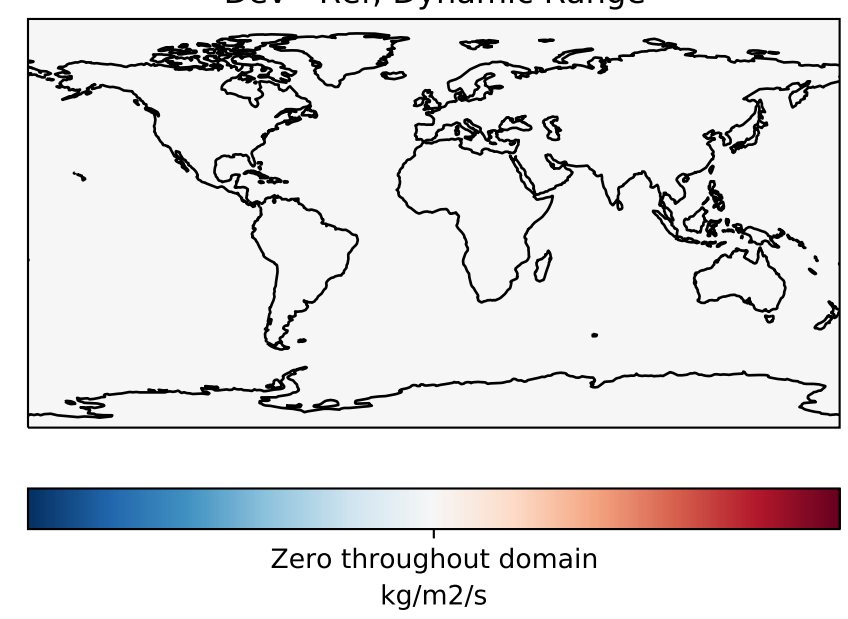
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



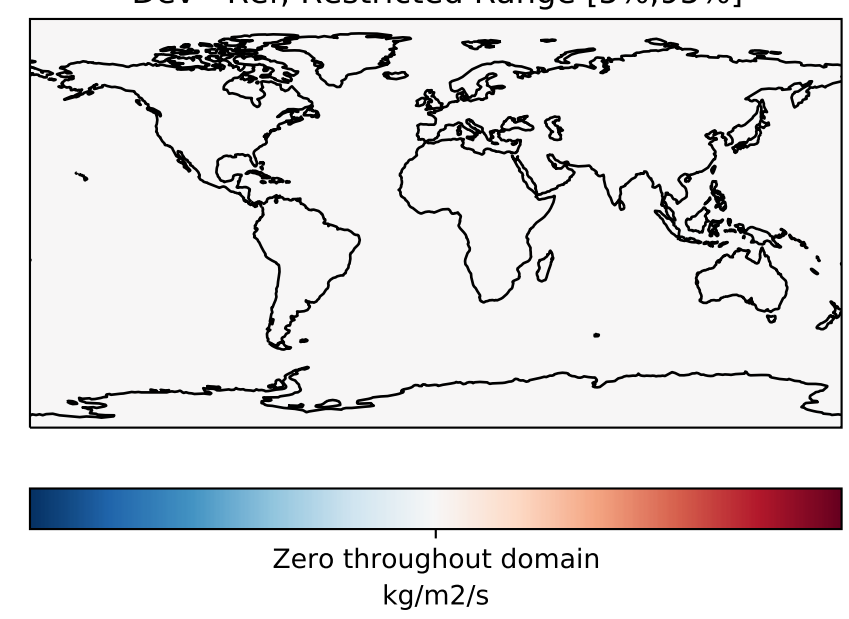
GCC_13.2.0-beta.0-LuoWetdep (Dev)
4.0x5.0



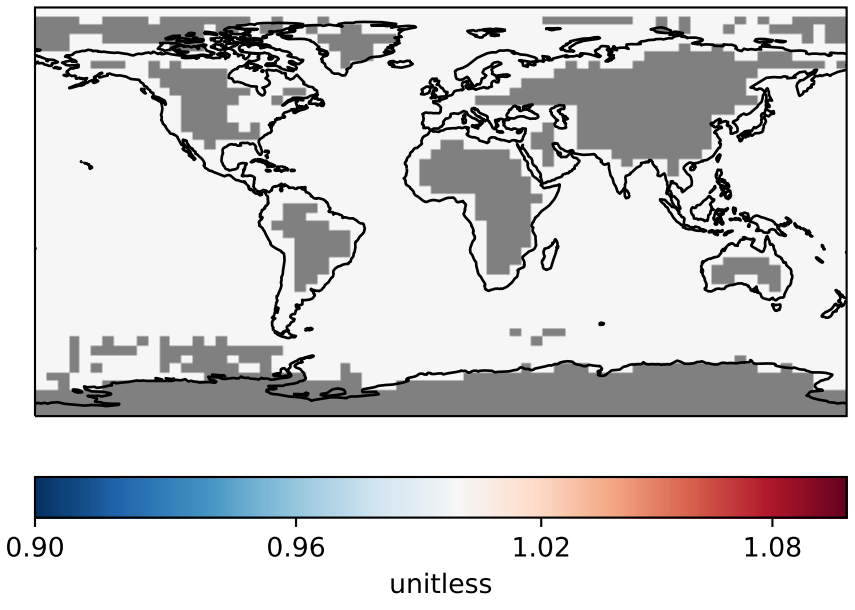
Difference
Dev - Ref, Dynamic Range



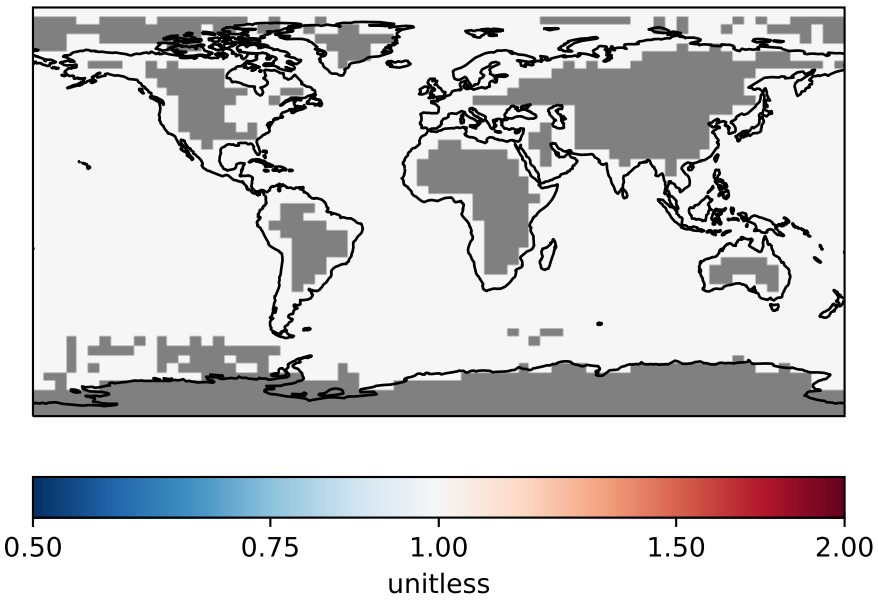
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

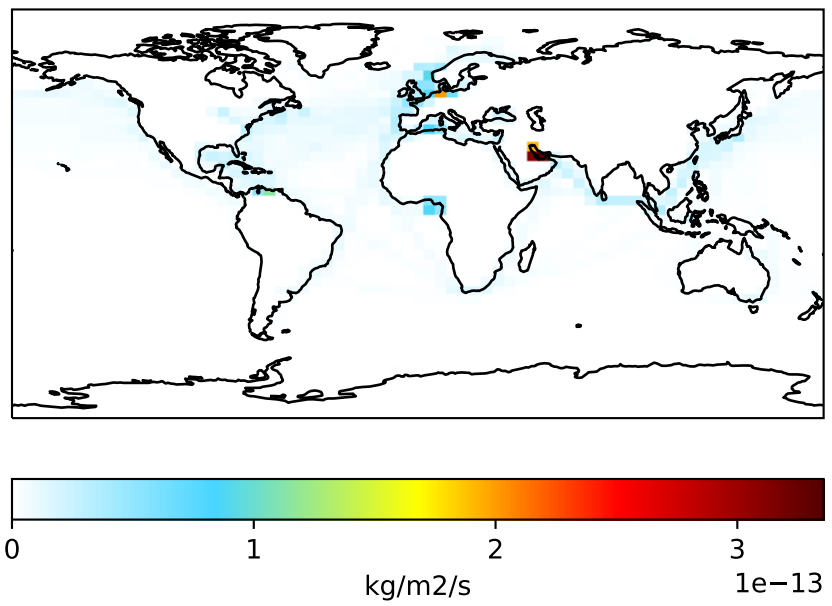


Ratio
Dev/Ref, Fixed Range

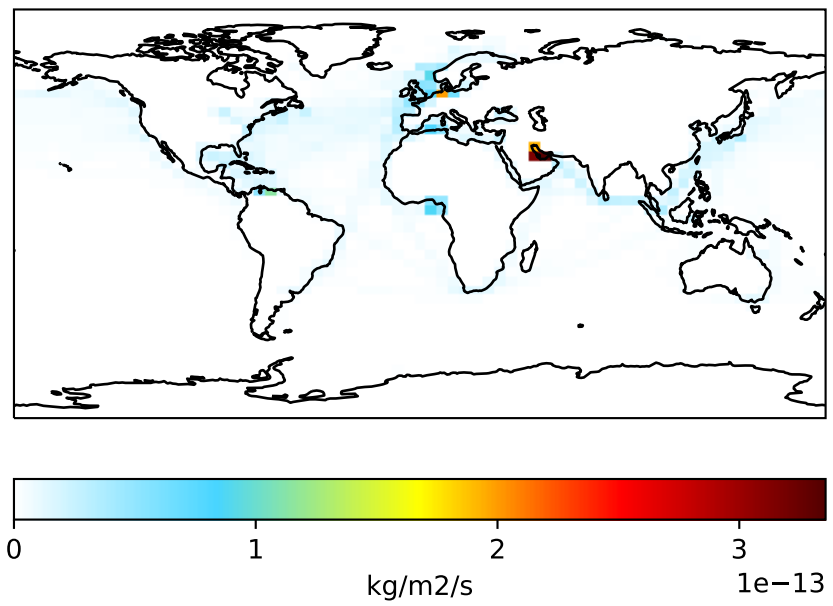


EmisXYLE_Ship

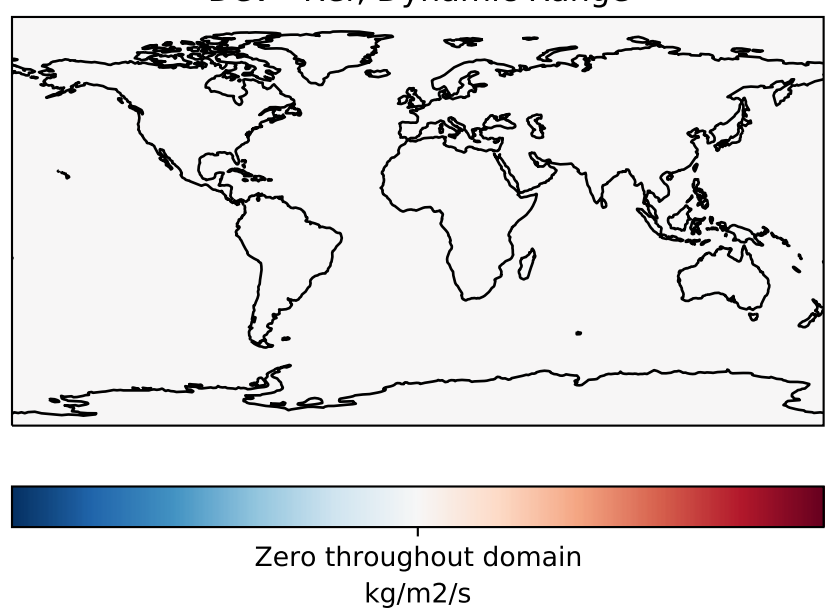
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



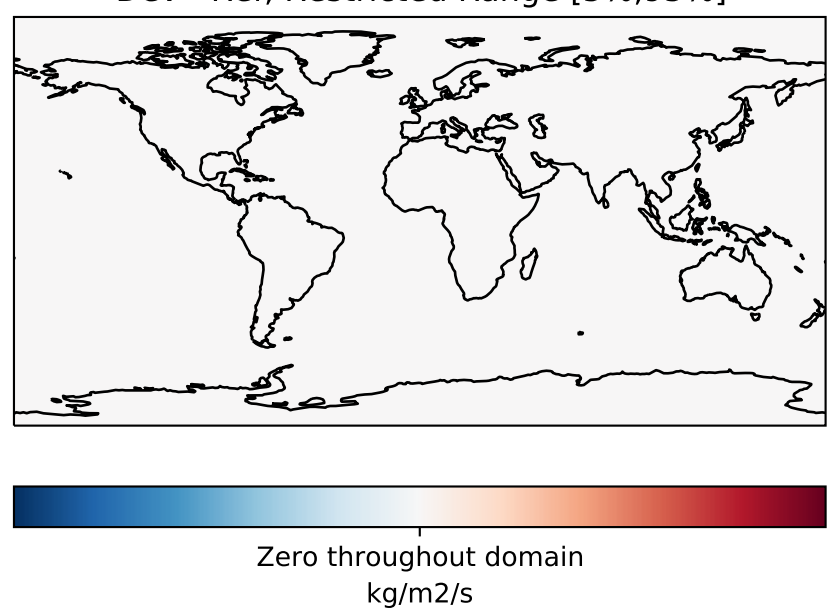
GCC_13.2.0-beta.0-LuoWetdep (Dev)
4.0x5.0



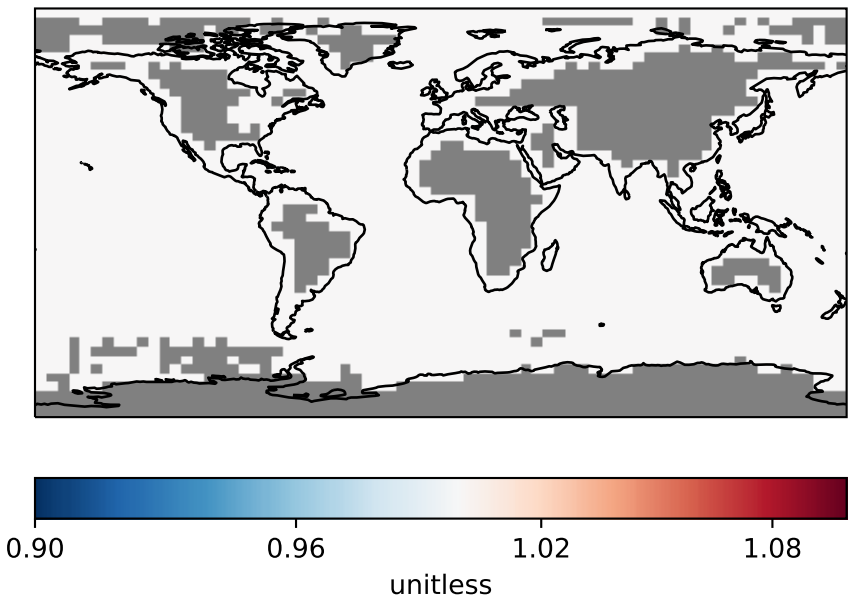
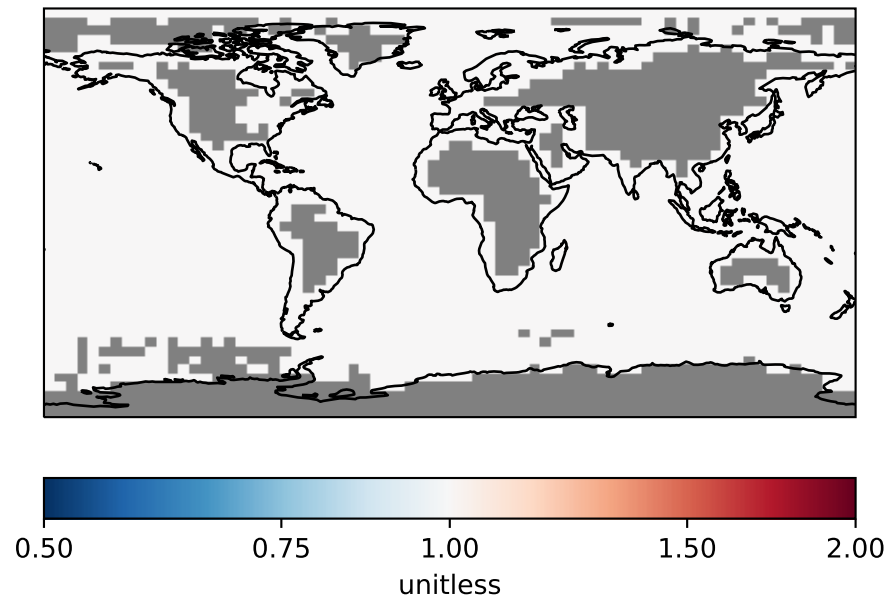
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range