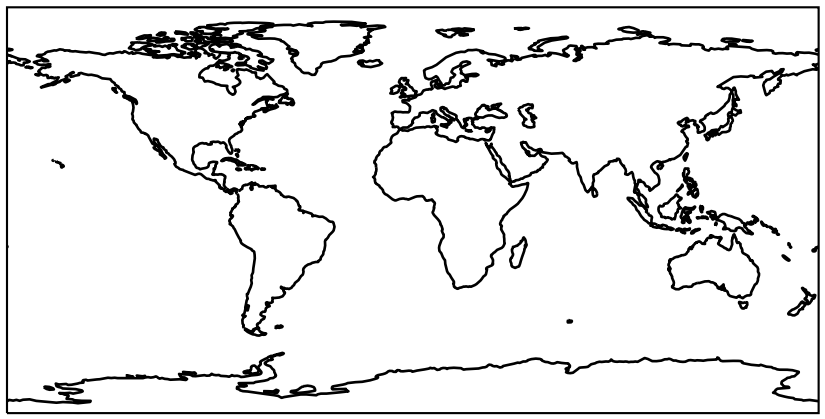
EmisALD2_Ship (Jan2019)

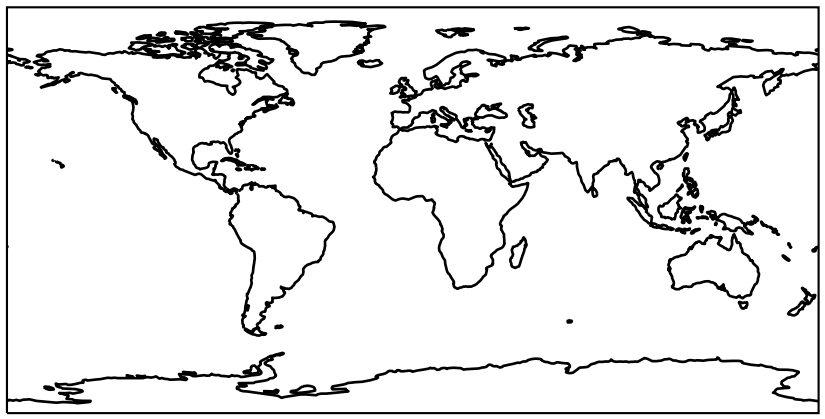
GCHP_13.2.0 (Ref)
c48





Zero throughout domain
kg/m2/s

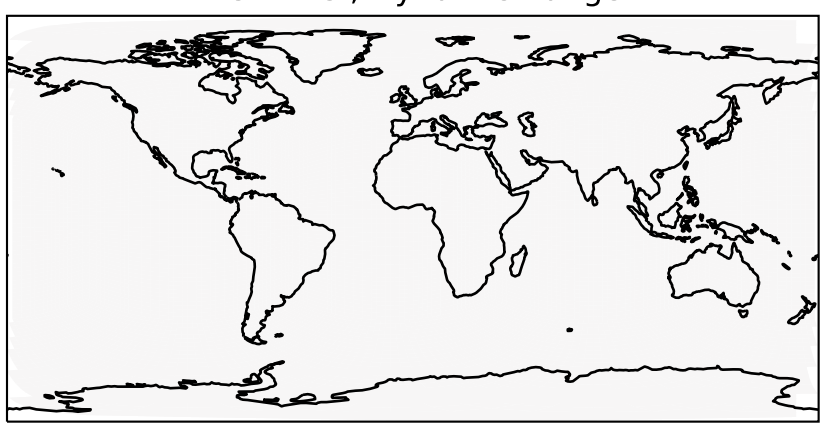
GCHP_13.2.0-LuoWetdep (Dev)
c48





Zero throughout domain
kg/m2/s

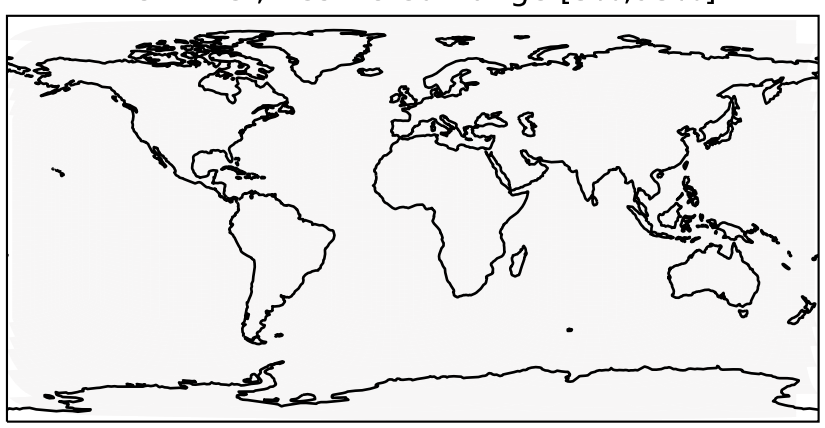
Difference
Dev - Ref, Dynamic Range





Zero throughout domain
kg/m2/s

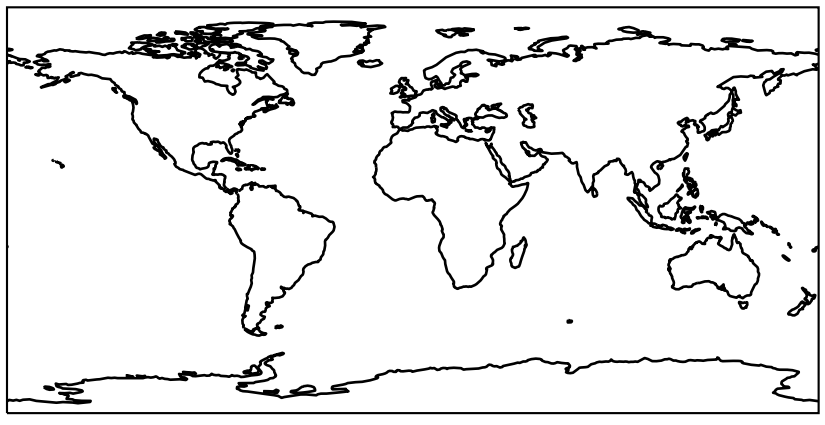
Difference
Dev - Ref, Restricted Range [5%,95%]





Zero throughout domain
kg/m2/s

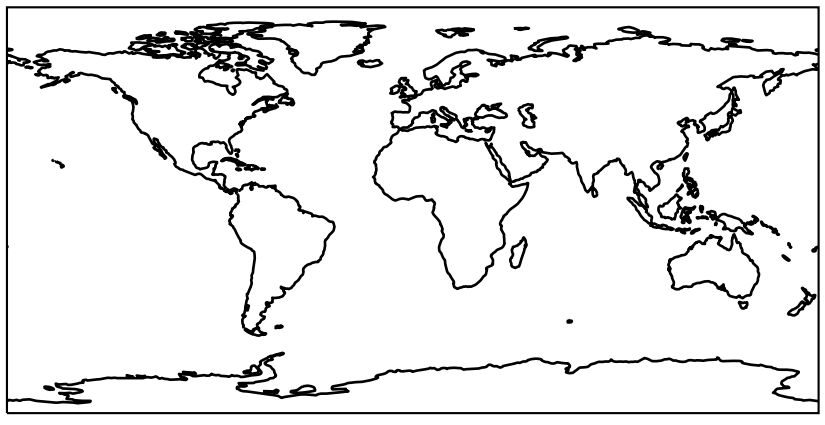
Ratio
Dev/Ref, Dynamic Range





Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range

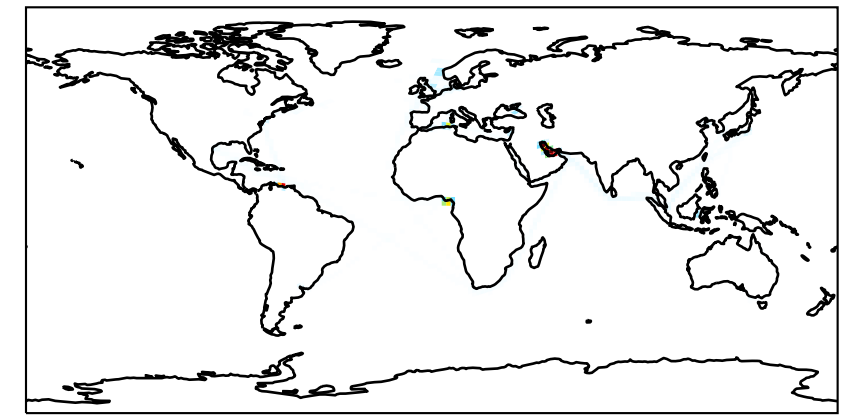


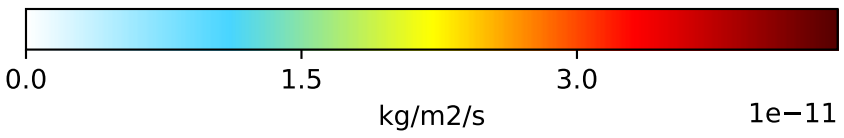


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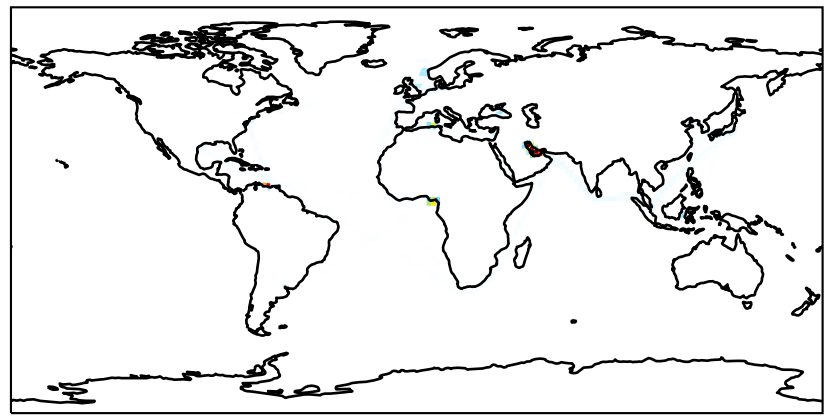
EmisALK4_Ship (Jan2019)

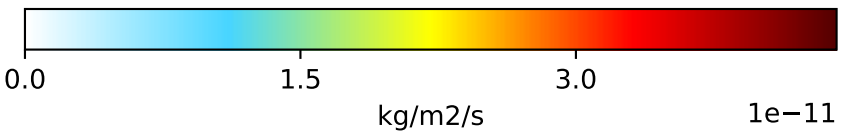
GCHP_13.2.0 (Ref)
c48



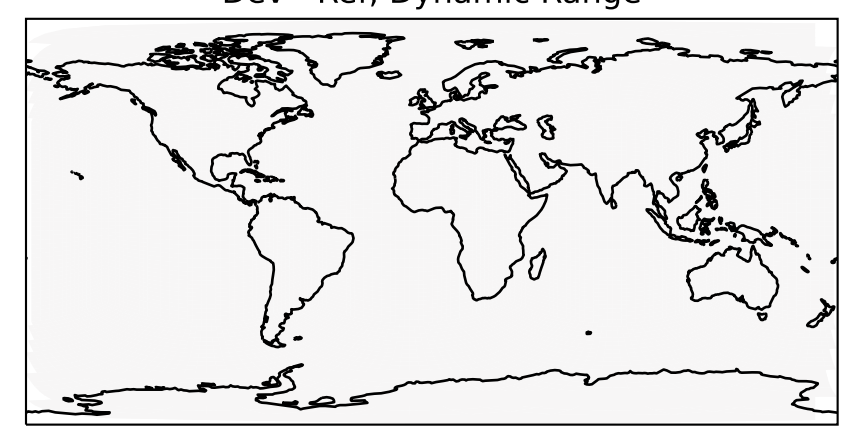


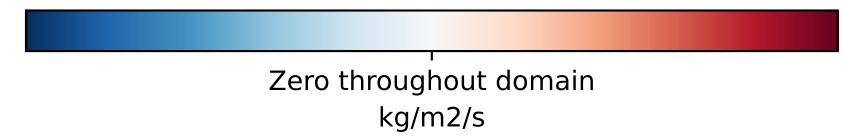
GCHP_13.2.0-LuoWetdep (Dev)
c48



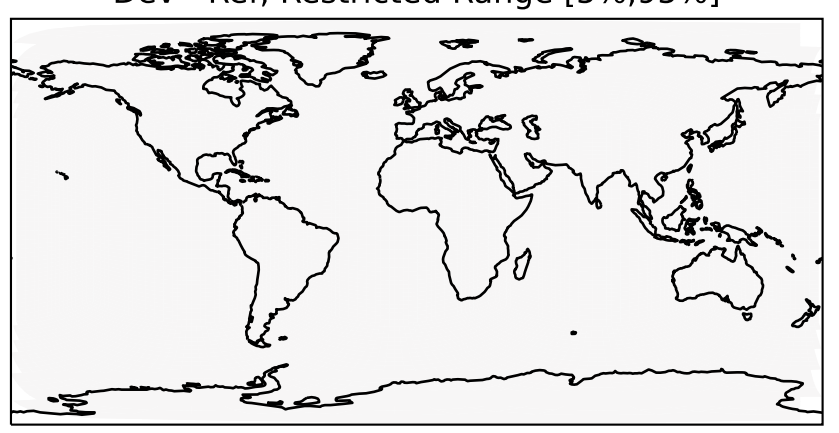


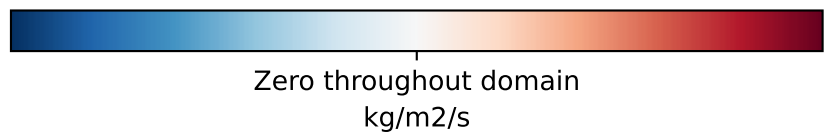
Difference
Dev - Ref, Dynamic Range



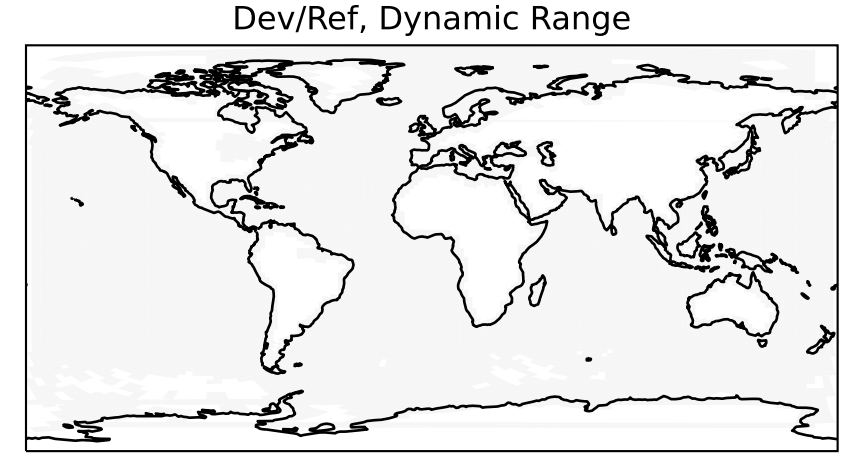


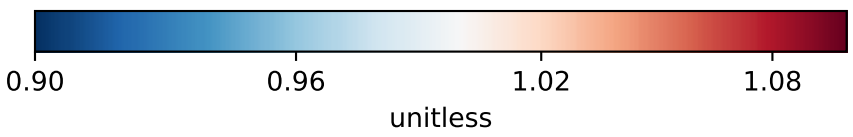
Difference
Dev - Ref, Restricted Range [5%,95%]



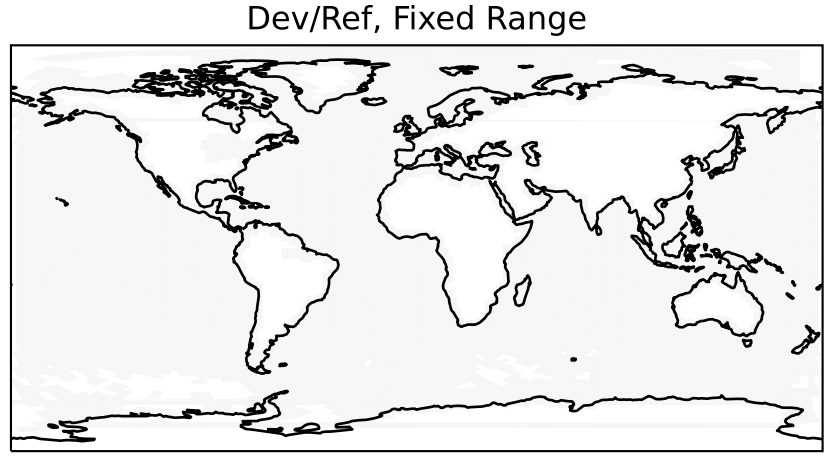


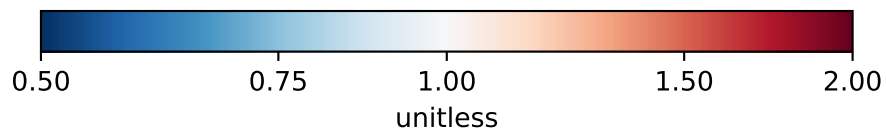
Ratio
Dev/Ref, Dynamic Range





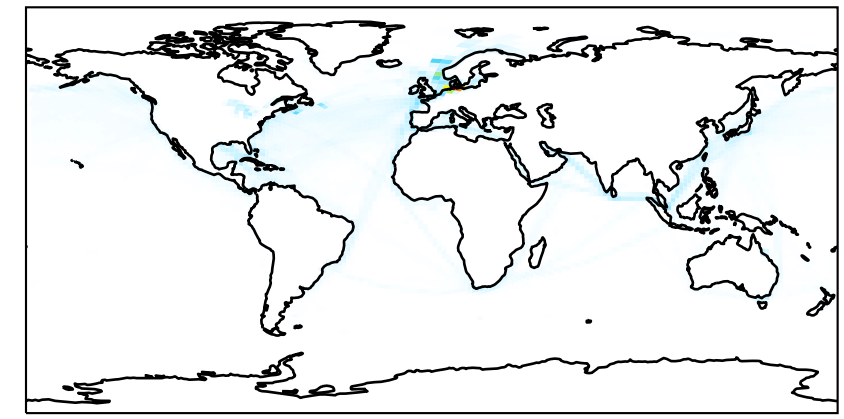
Ratio
Dev/Ref, Fixed Range

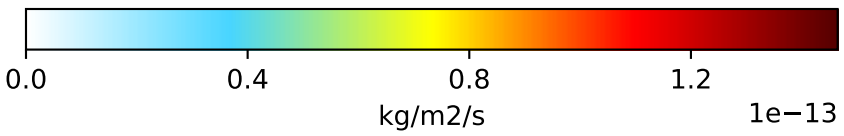




EmisBCPI_Ship (Jan2019)

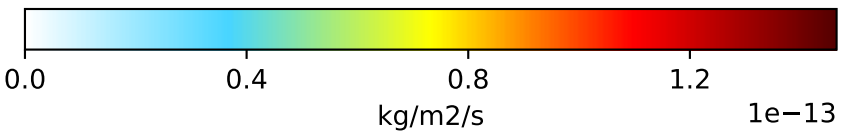
GCHP_13.2.0 (Ref)
c48



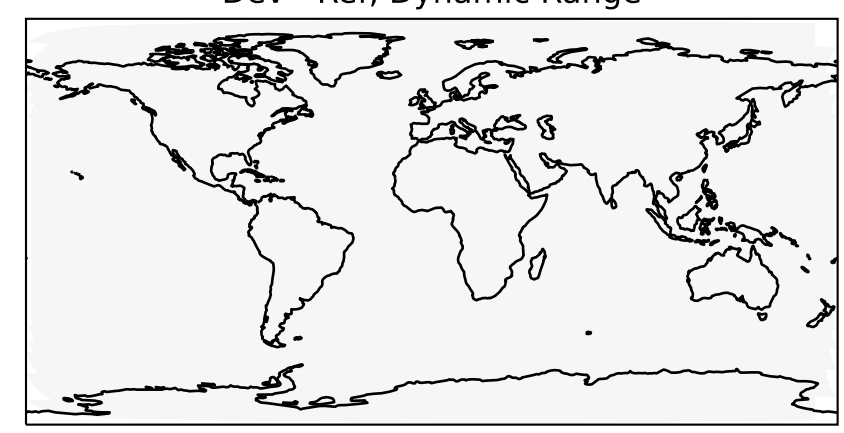


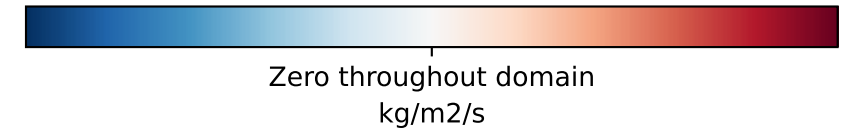
GCHP_13.2.0-LuoWetdep (Dev)
c48





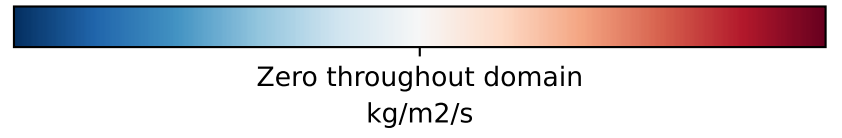
Difference
Dev - Ref, Dynamic Range



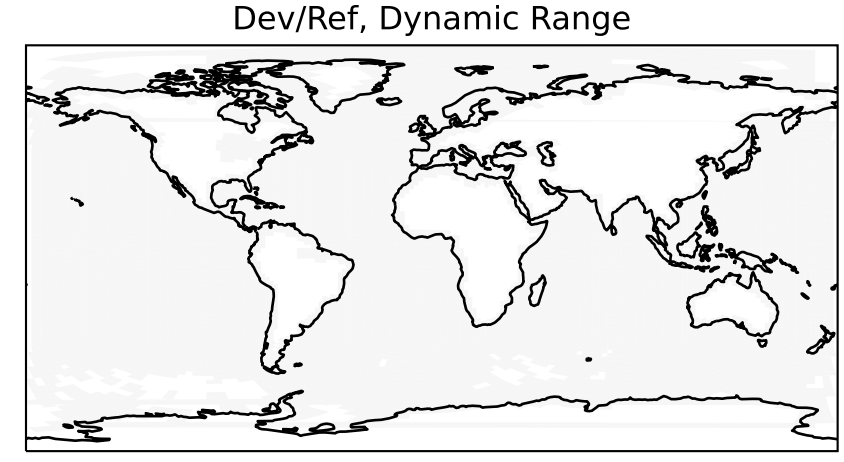


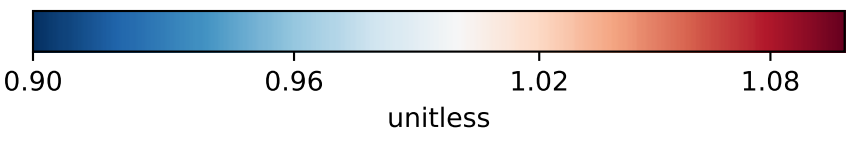
Difference
Dev - Ref, Restricted Range [5%,95%]



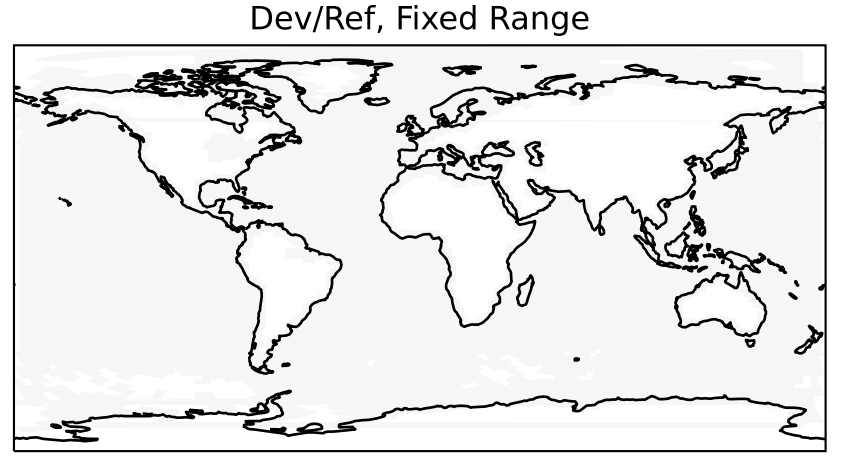


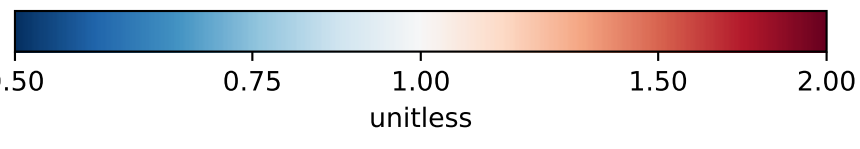
Ratio
Dev/Ref, Dynamic Range





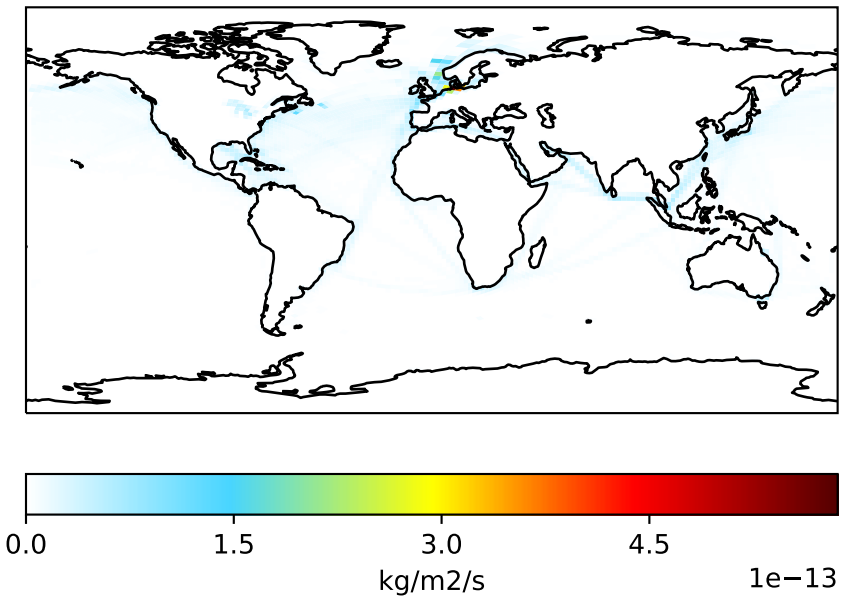
Ratio
Dev/Ref, Fixed Range



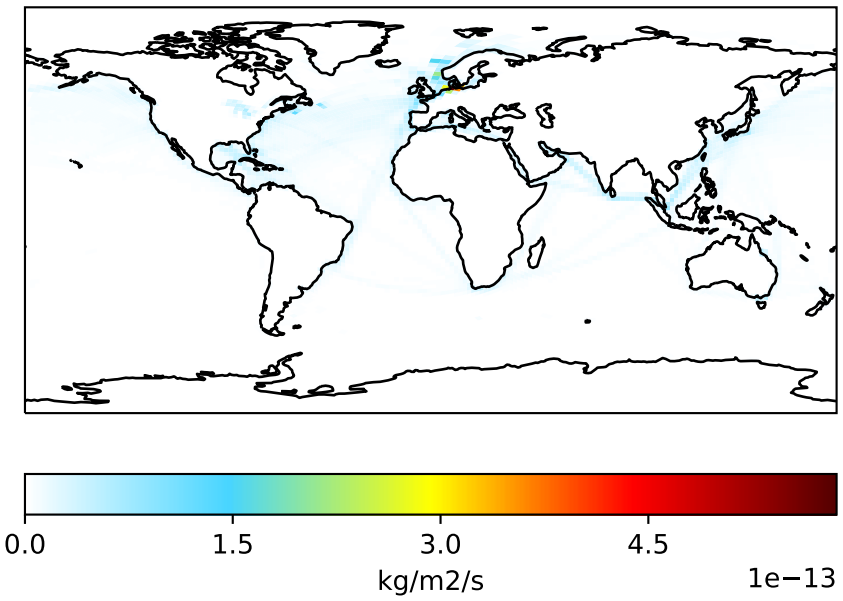


EmisBCPO_Ship (Jan2019)

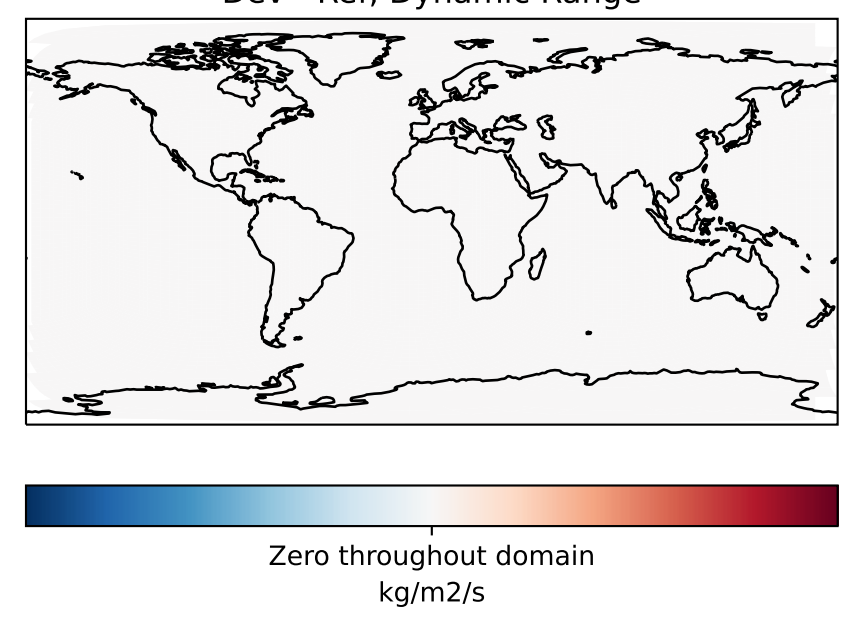
GCHP_13.2.0 (Ref)
c48



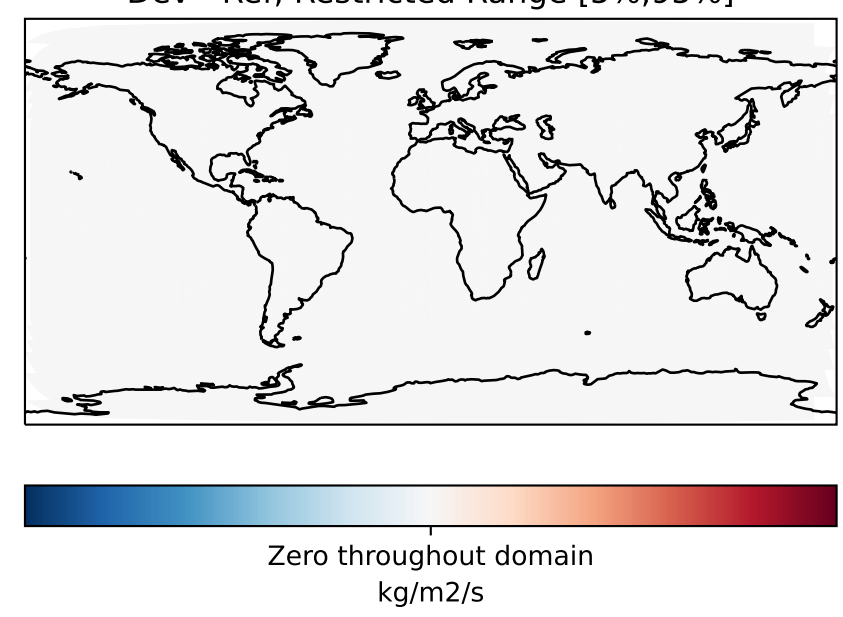
GCHP_13.2.0-LuoWetdep (Dev)
c48



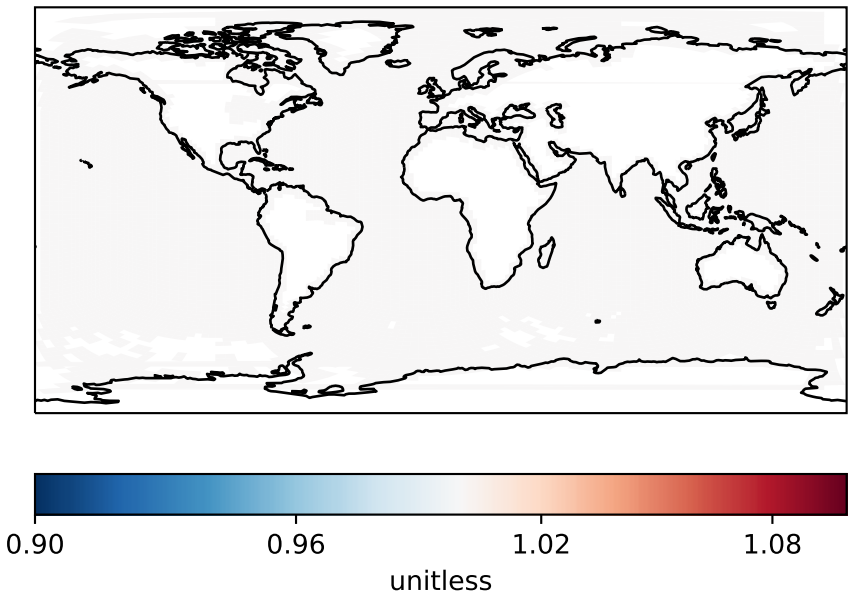
Difference
Dev - Ref, Dynamic Range



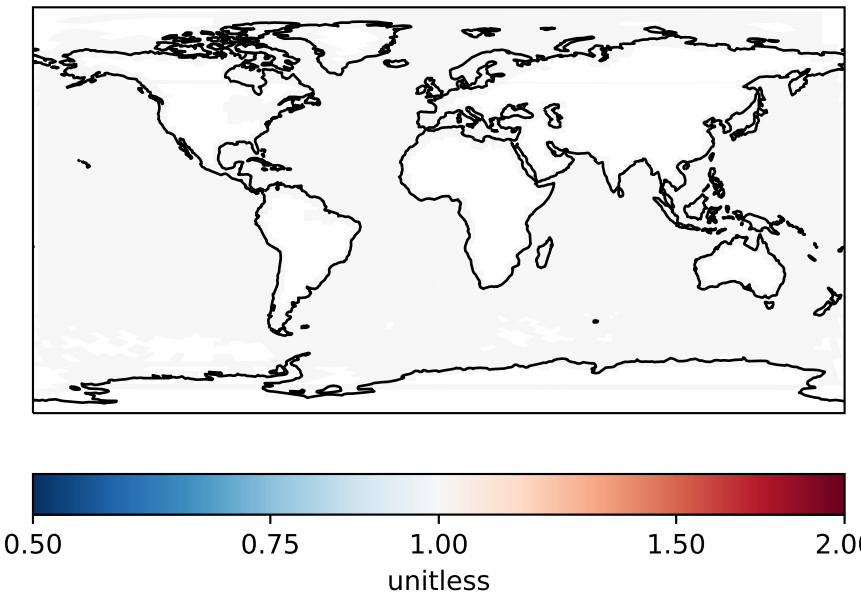
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

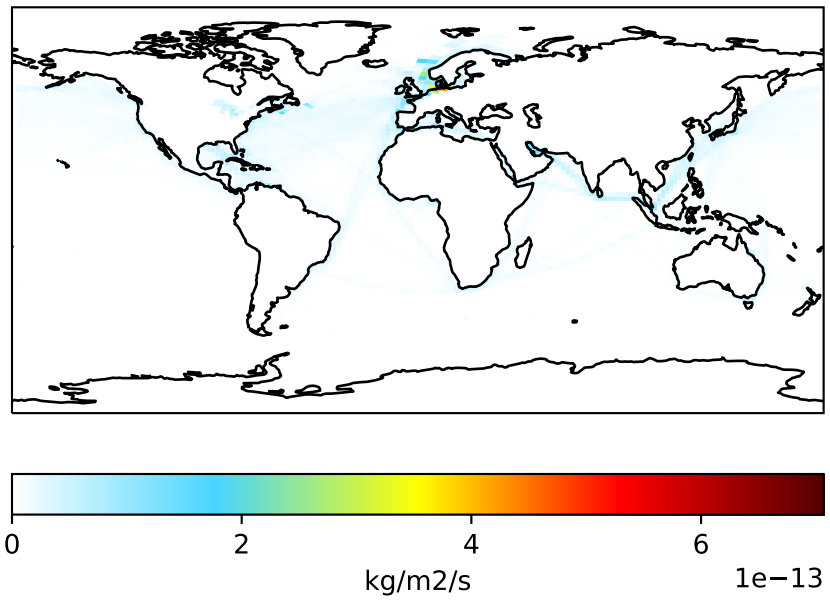


Ratio
Dev/Ref, Fixed Range

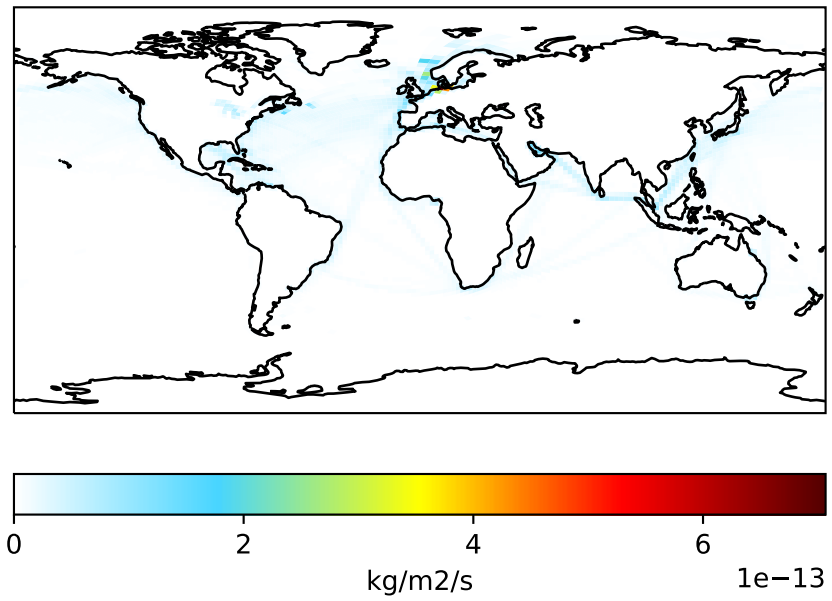


EmisBENZ_Ship (Jan2019)

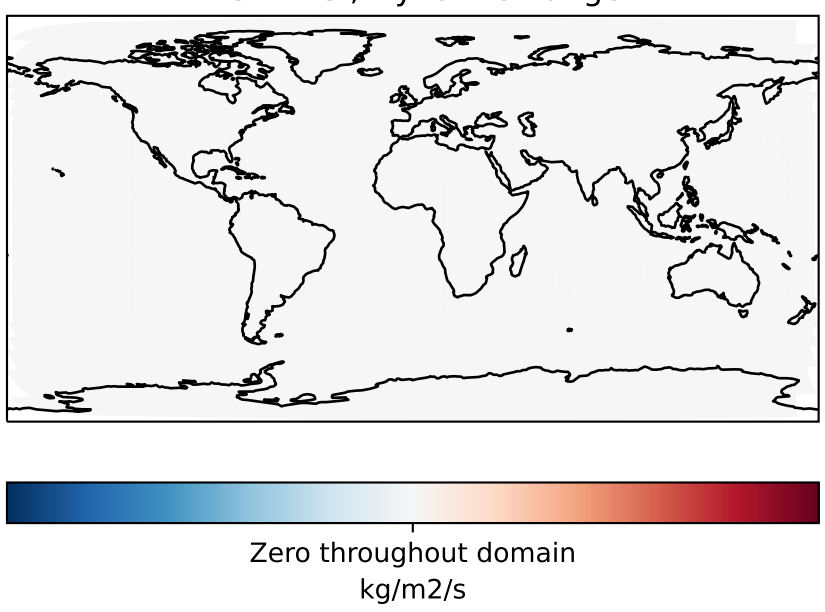
GCHP_13.2.0 (Ref)
c48



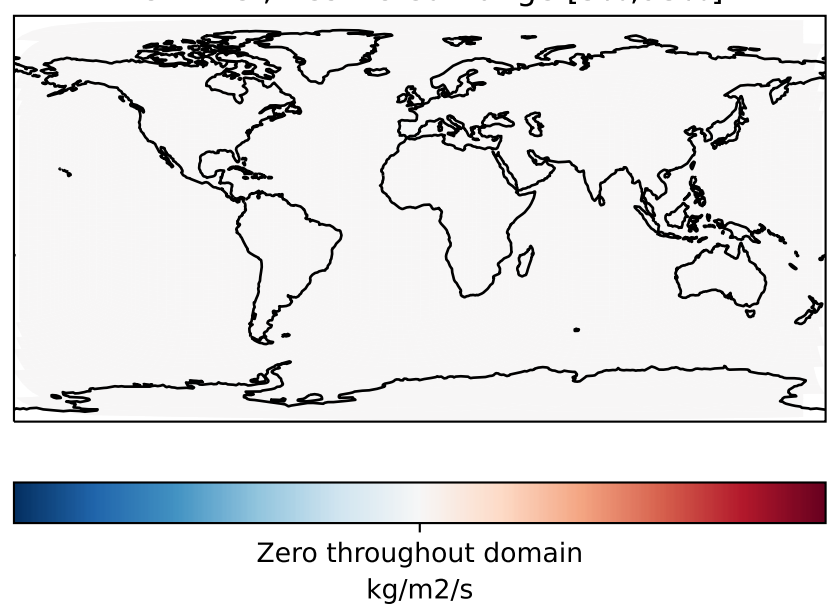
GCHP_13.2.0-LuoWetdep (Dev)
c48



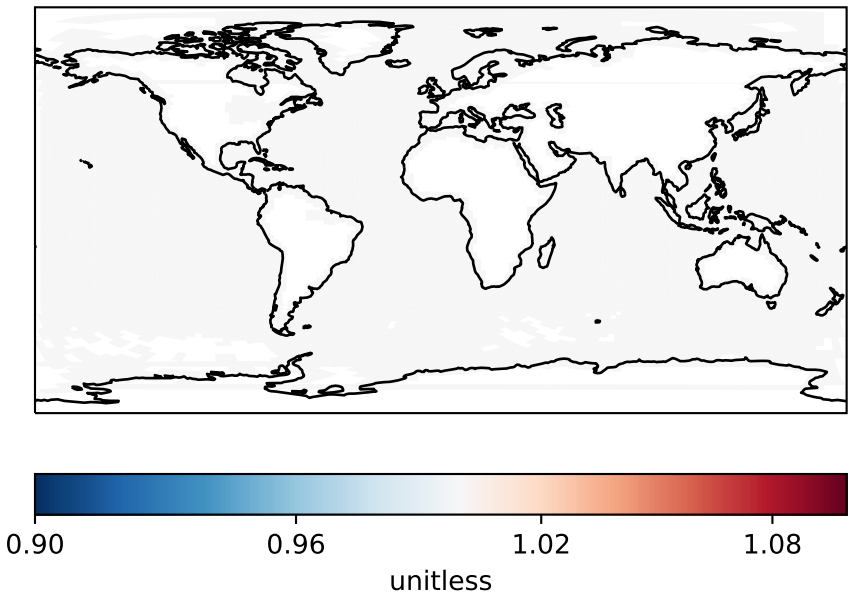
Difference
Dev - Ref, Dynamic Range



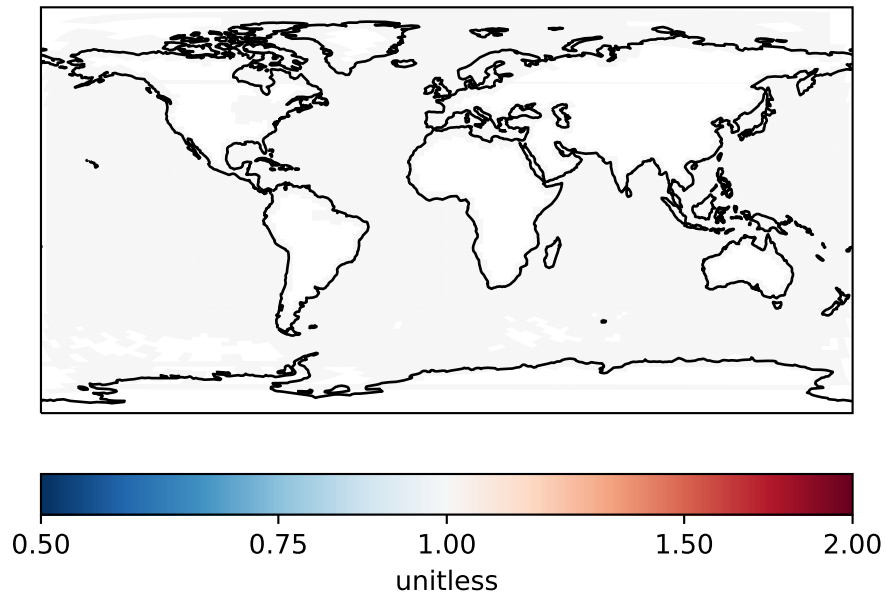
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

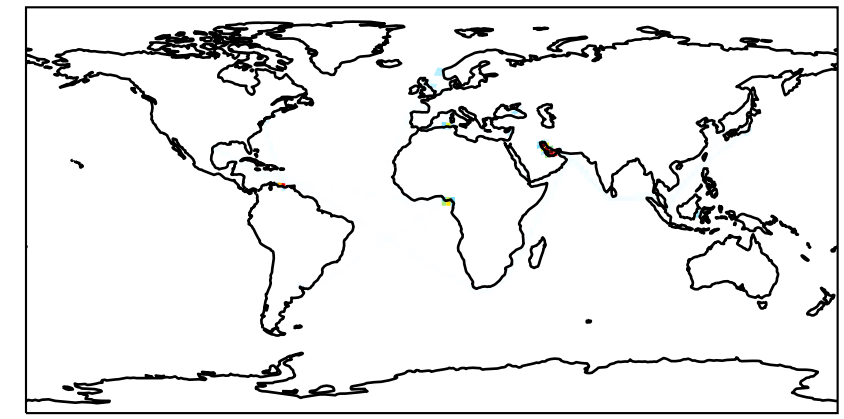


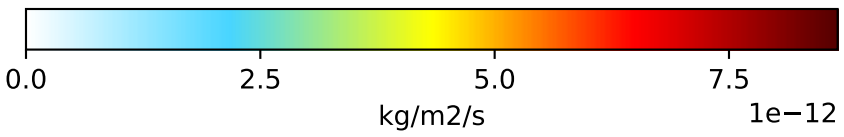
Ratio
Dev/Ref, Fixed Range



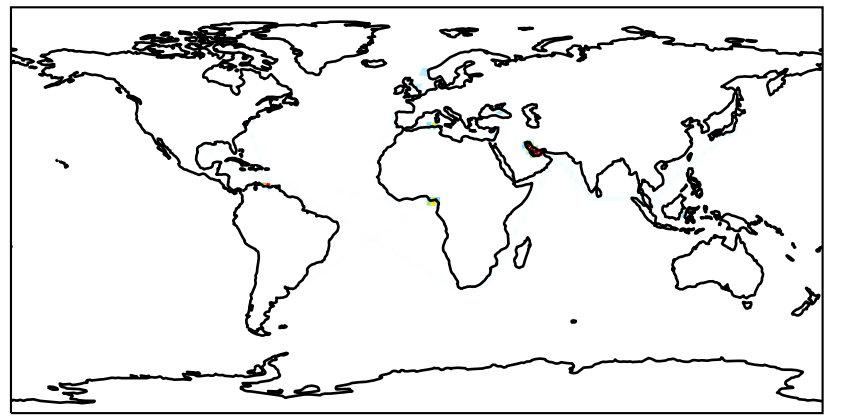
EmisC2H6_Ship (Jan2019)

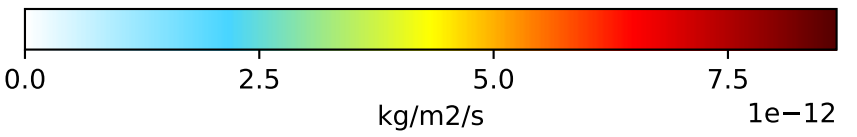
GCHP_13.2.0 (Ref)
c48



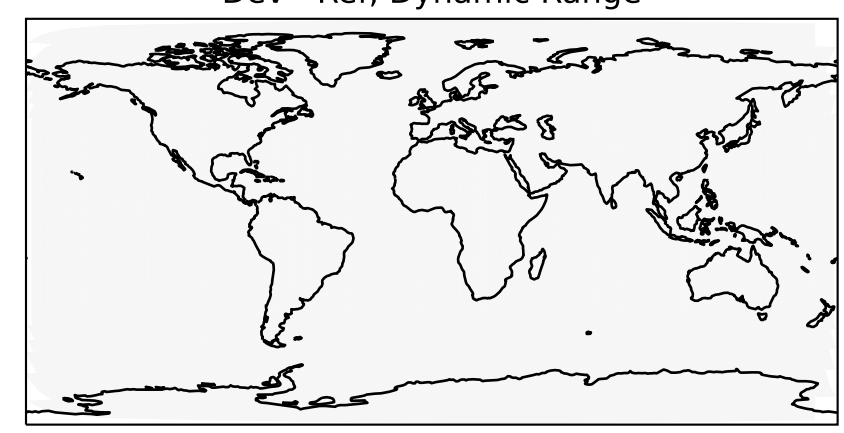


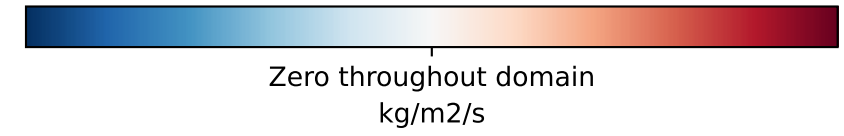
GCHP_13.2.0-LuoWetdep (Dev)
c48



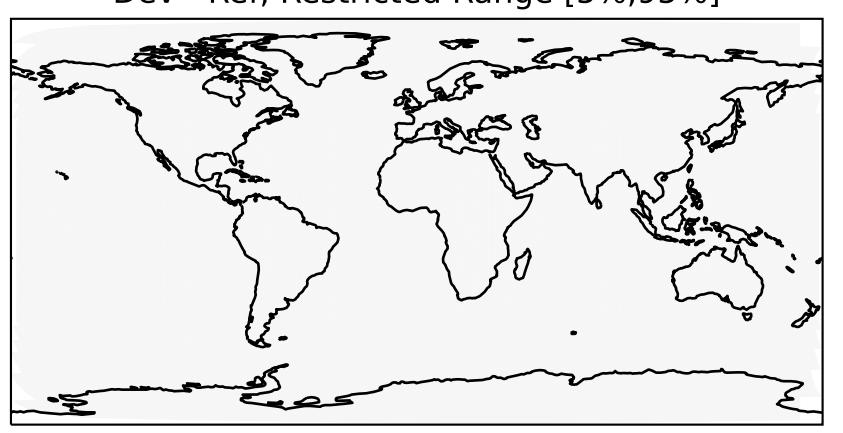


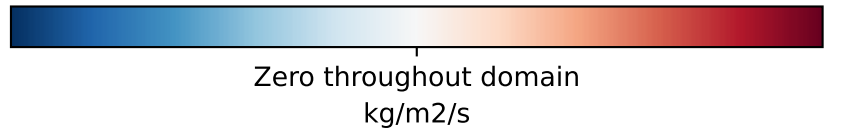
Difference
Dev - Ref, Dynamic Range



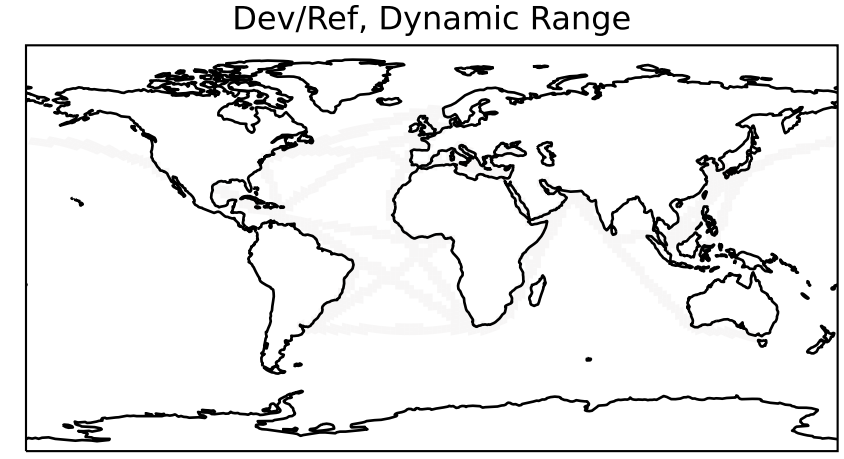


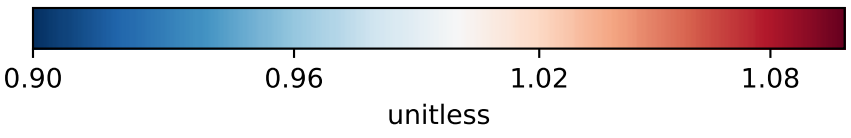
Difference
Dev - Ref, Restricted Range [5%,95%]



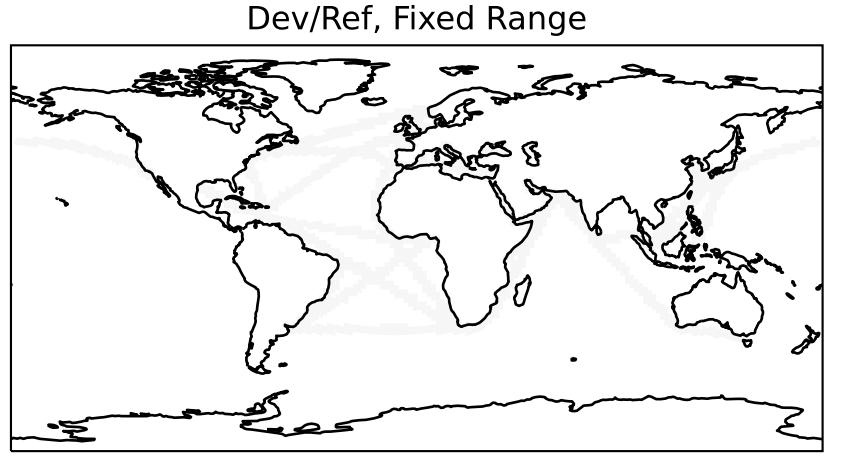


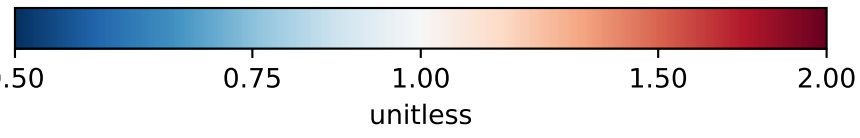
Ratio
Dev/Ref, Dynamic Range





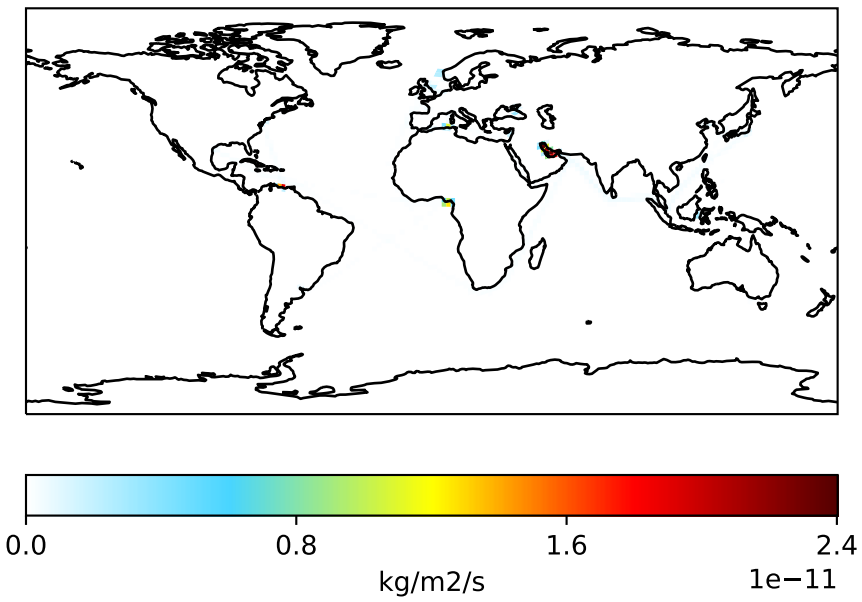
Ratio
Dev/Ref, Fixed Range



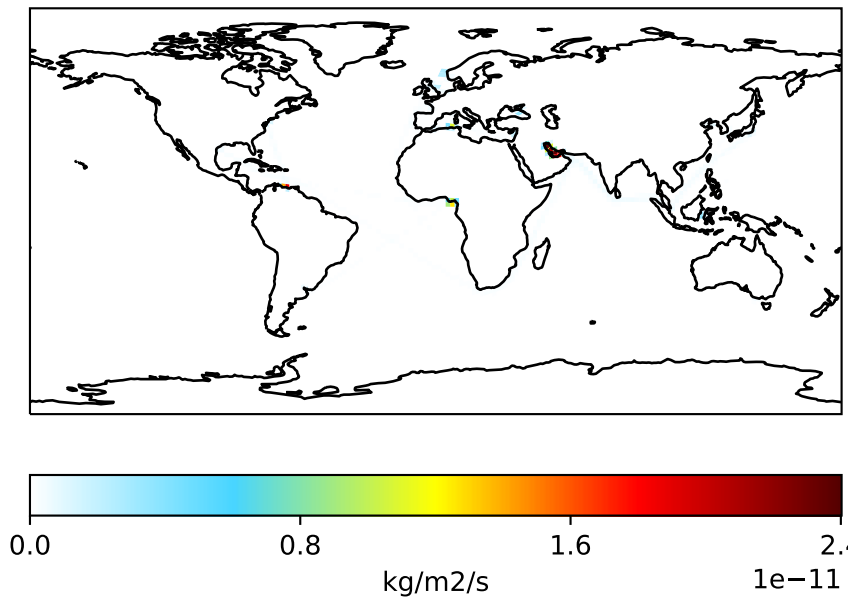


EmisC3H8_Ship (Jan2019)

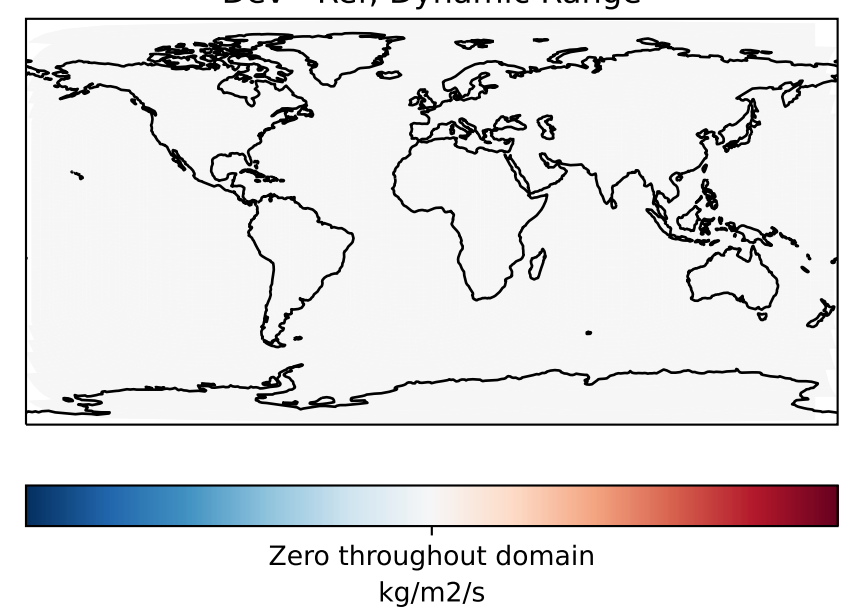
GCHP_13.2.0 (Ref)
c48



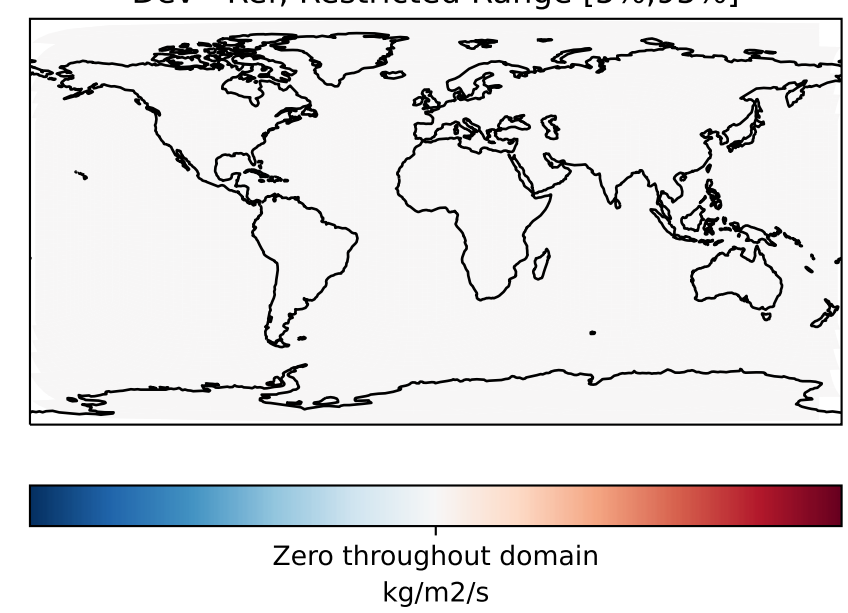
GCHP_13.2.0-LuoWetdep (Dev)
c48



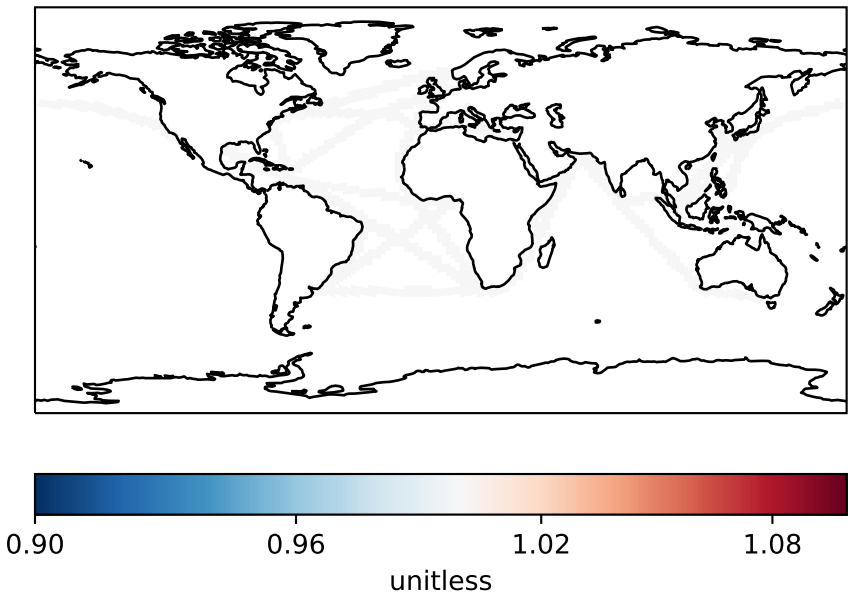
Difference
Dev - Ref, Dynamic Range



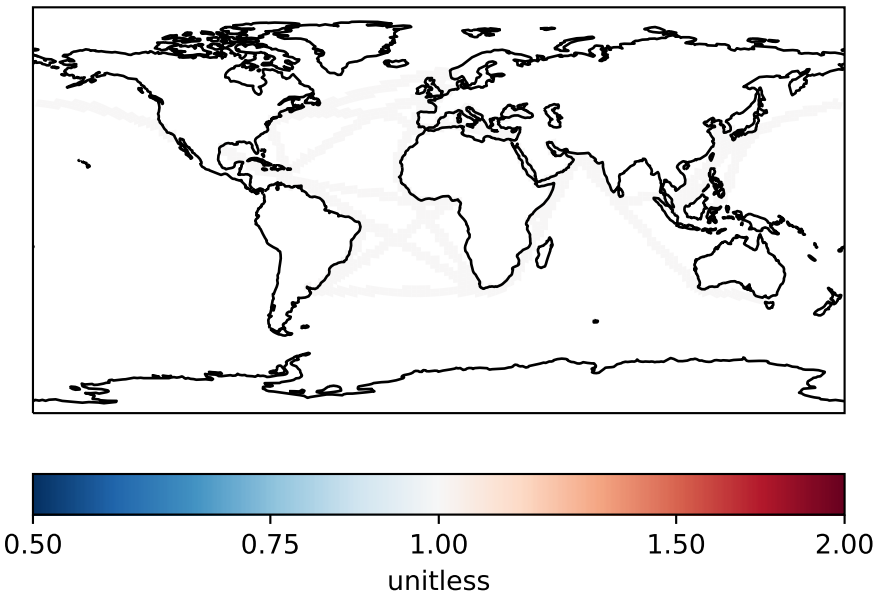
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

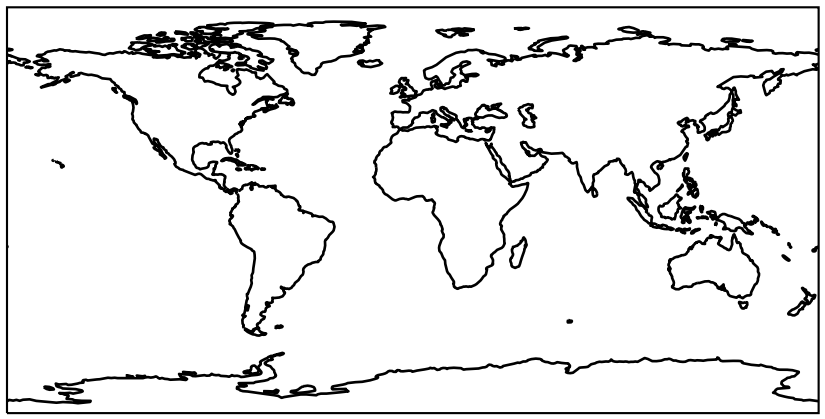


Ratio
Dev/Ref, Fixed Range



EmisCH2O_Ship (Jan2019)

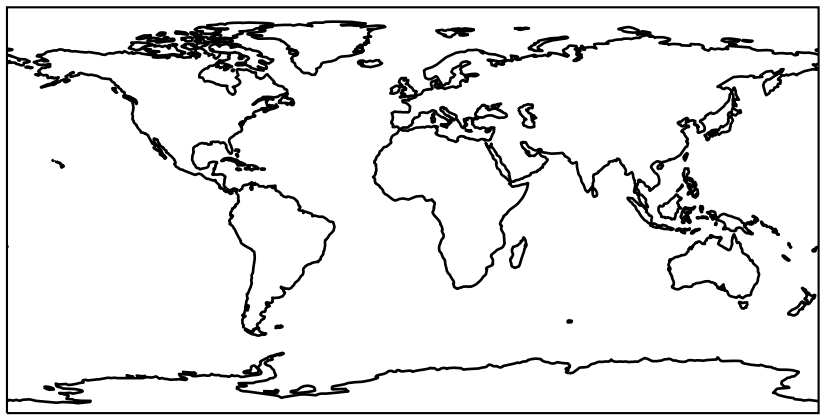
GCHP_13.2.0 (Ref)
c48





Zero throughout domain
kg/m2/s

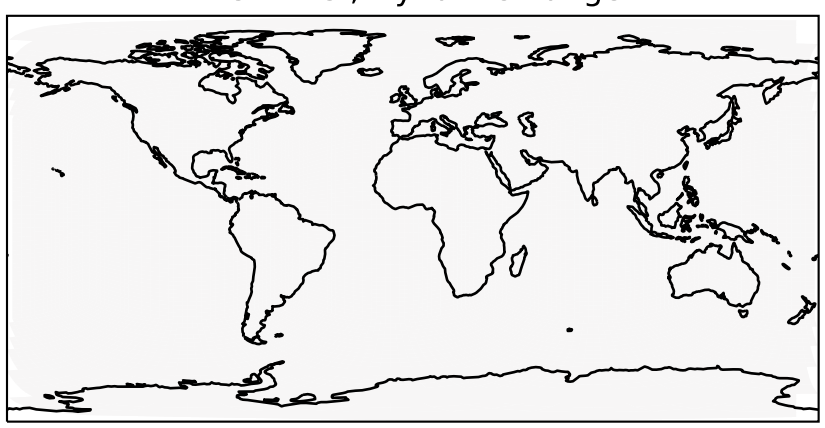
GCHP_13.2.0-LuoWetdep (Dev)
c48





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kg/m2/s

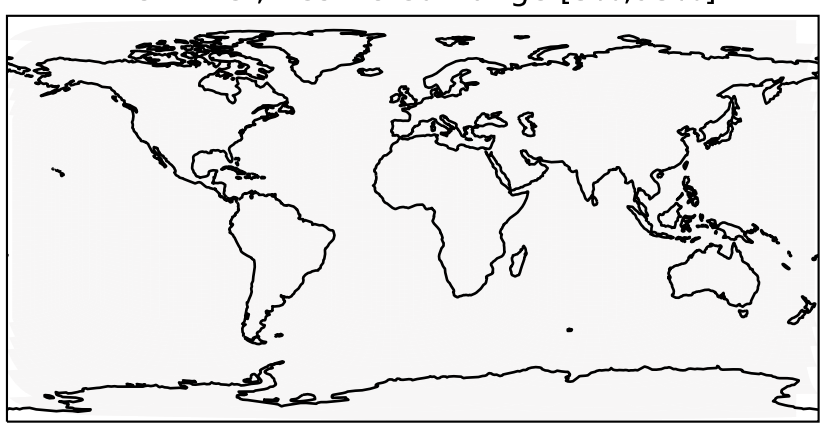
Difference
Dev - Ref, Dynamic Range





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kg/m2/s

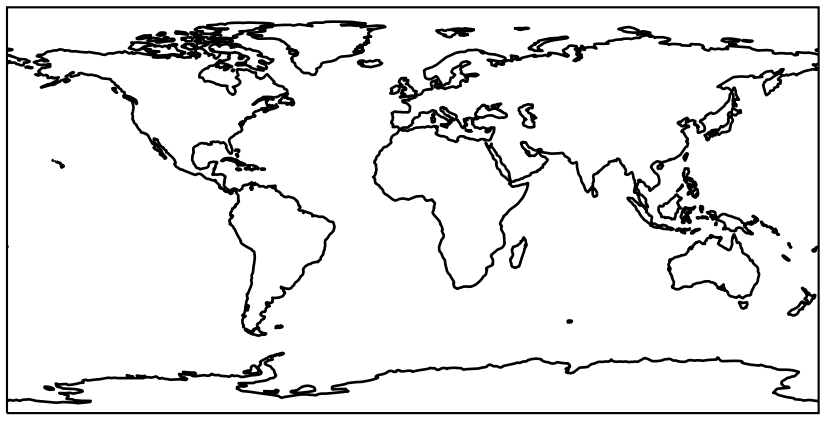
Difference
Dev - Ref, Restricted Range [5%,95%]





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kg/m2/s

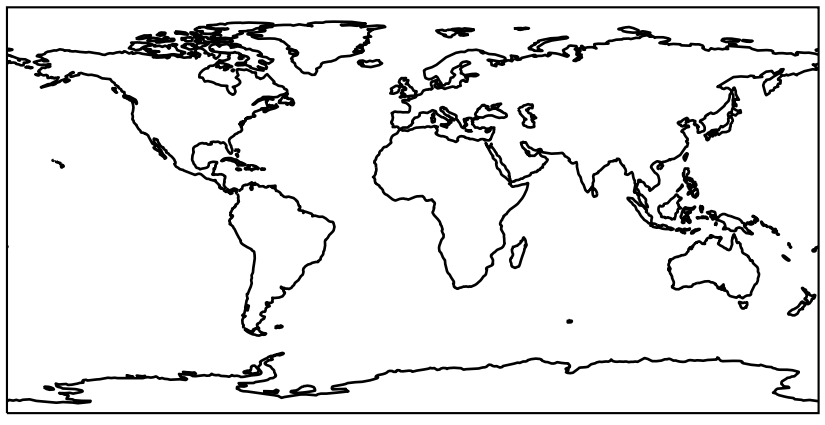
Ratio
Dev/Ref, Dynamic Range





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unitless

Ratio
Dev/Ref, Fixed Range

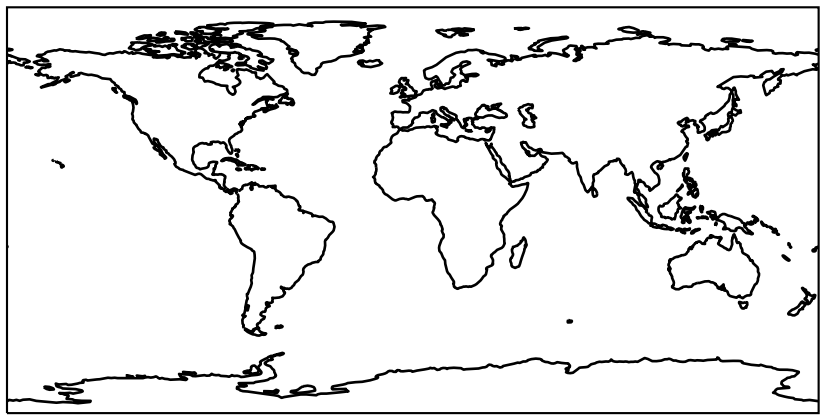




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EmisCO2_Ship (Jan2019)

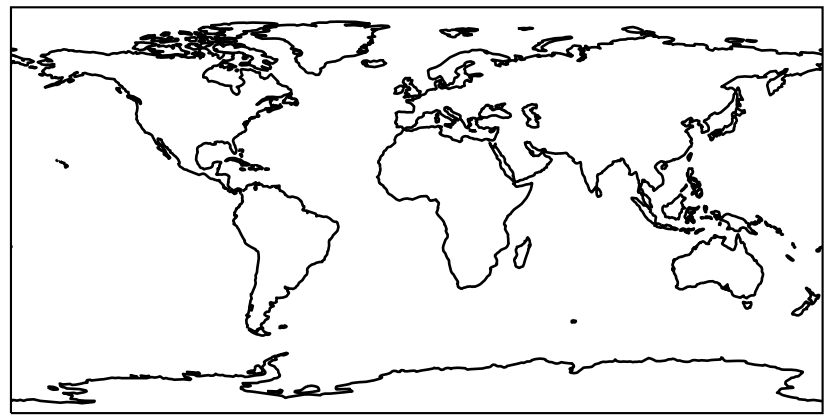
GCHP_13.2.0 (Ref)
c48





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kg/m2/s

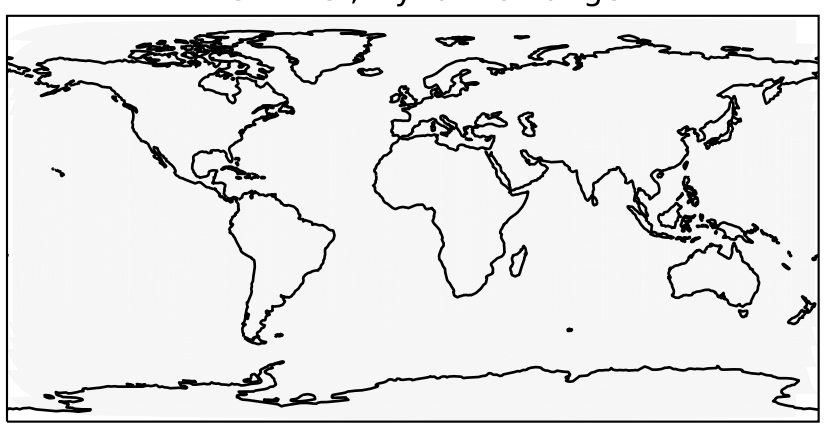
GCHP_13.2.0-LuoWetdep (Dev)
c48





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kg/m2/s

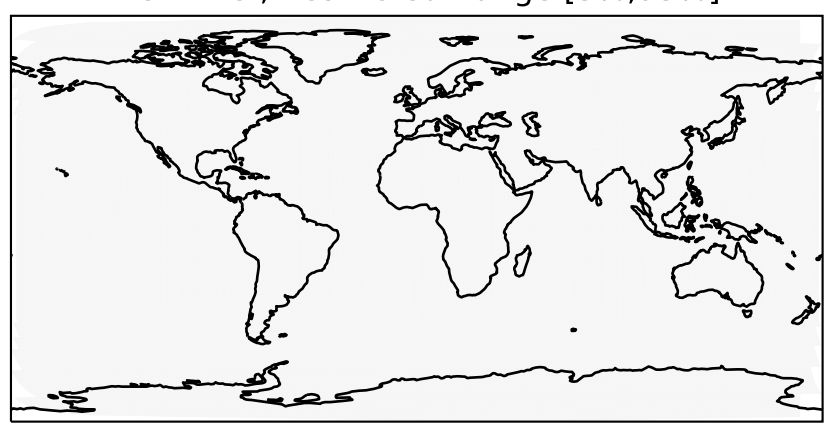
Difference
Dev - Ref, Dynamic Range





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kg/m2/s

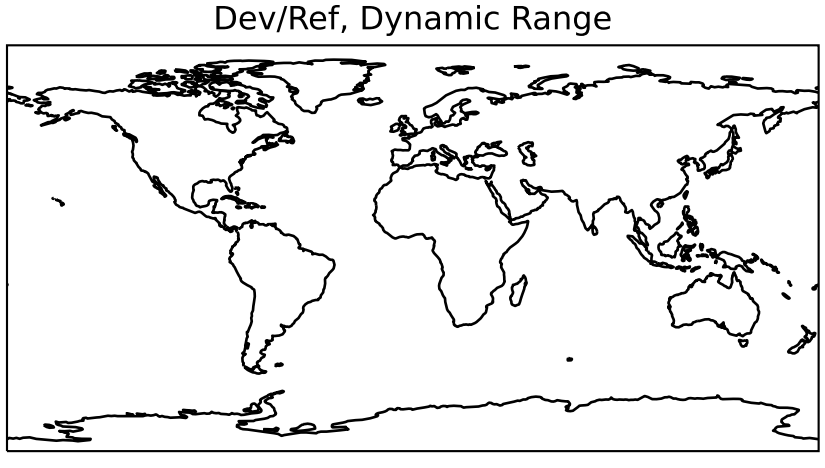
Difference
Dev - Ref, Restricted Range [5%,95%]





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kg/m2/s

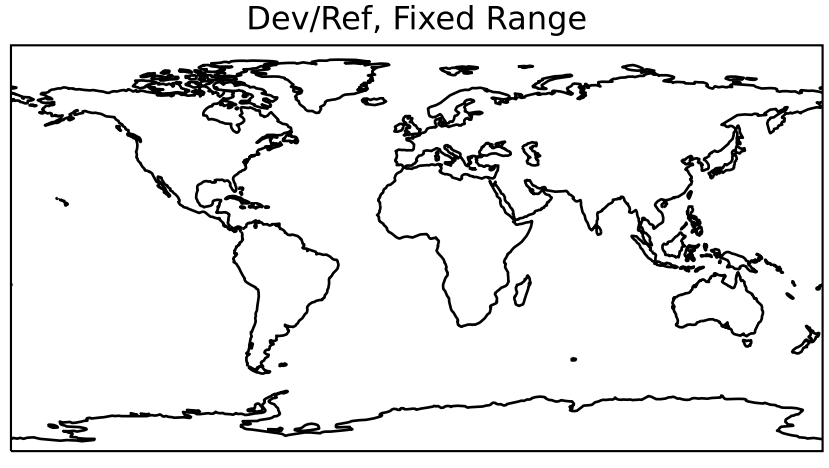
Ratio
Dev/Ref, Dynamic Range





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unitless

Ratio
Dev/Ref, Fixed Range

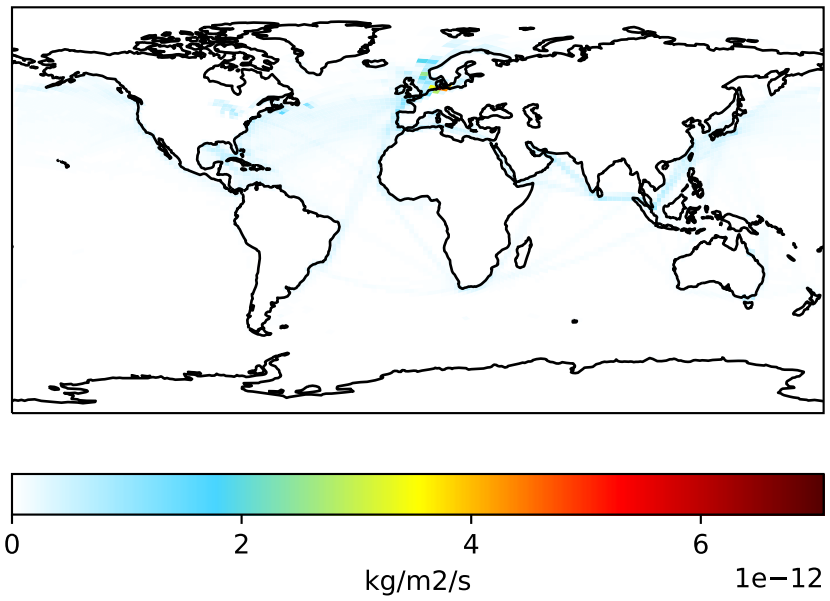




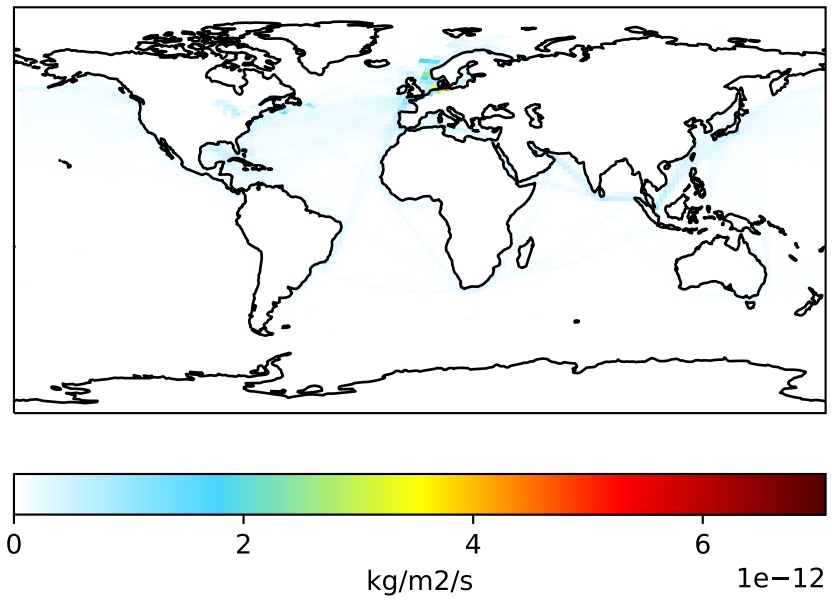
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EmisCO_Ship (Jan2019)

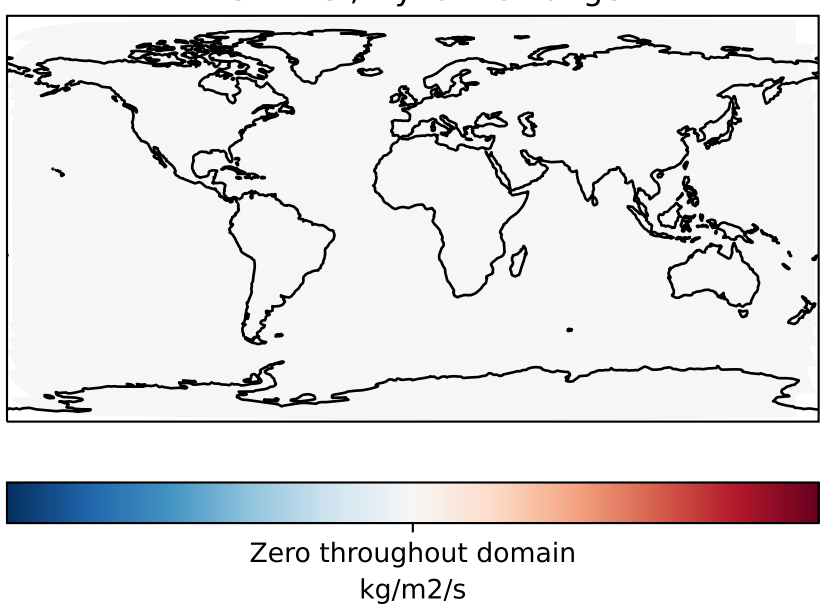
GCHP_13.2.0 (Ref)
c48



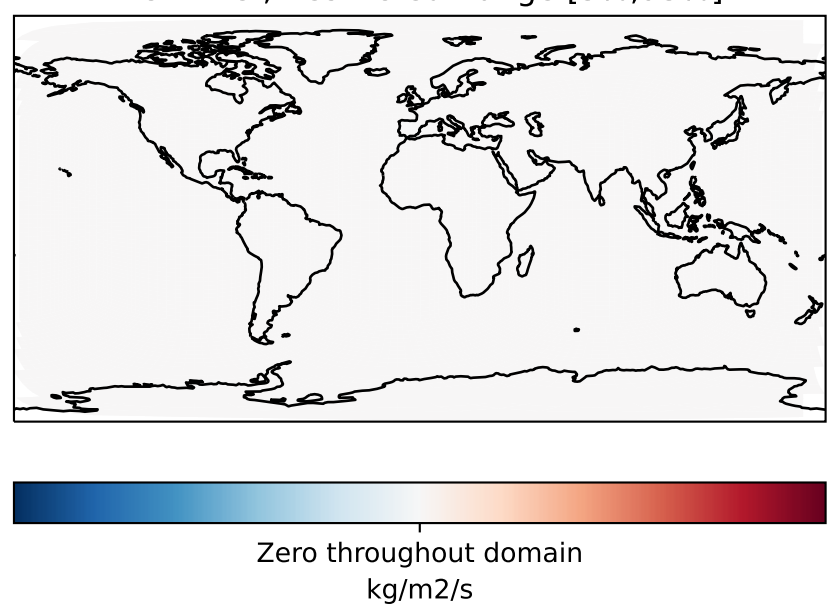
GCHP_13.2.0-LuoWetdep (Dev)
c48



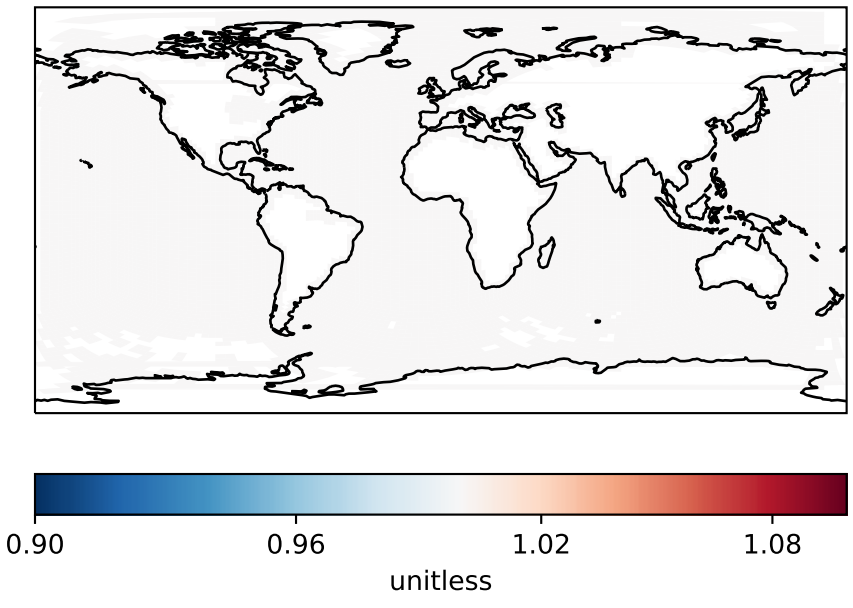
Difference
Dev - Ref, Dynamic Range



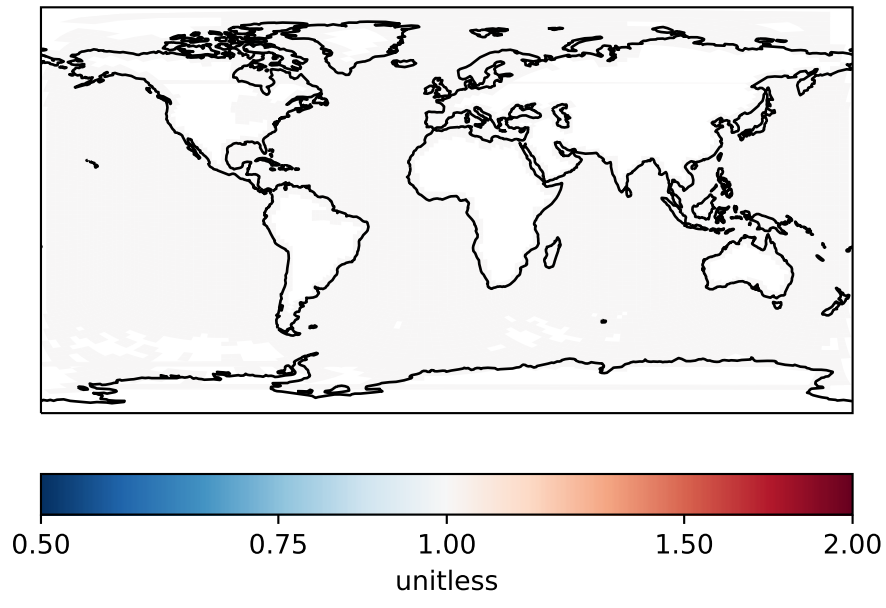
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

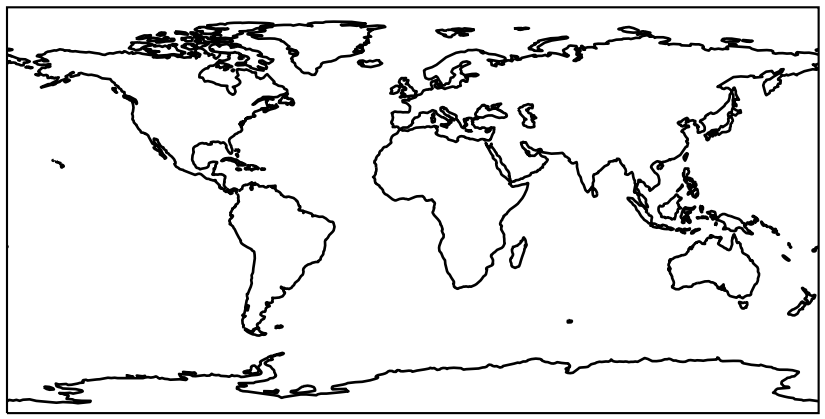


Ratio
Dev/Ref, Fixed Range



EmisEOH_Ship (Jan2019)

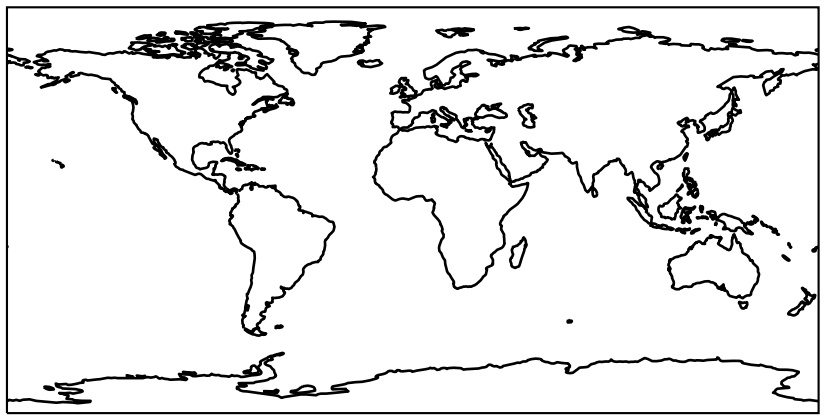
GCHP_13.2.0 (Ref)
c48





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kg/m2/s

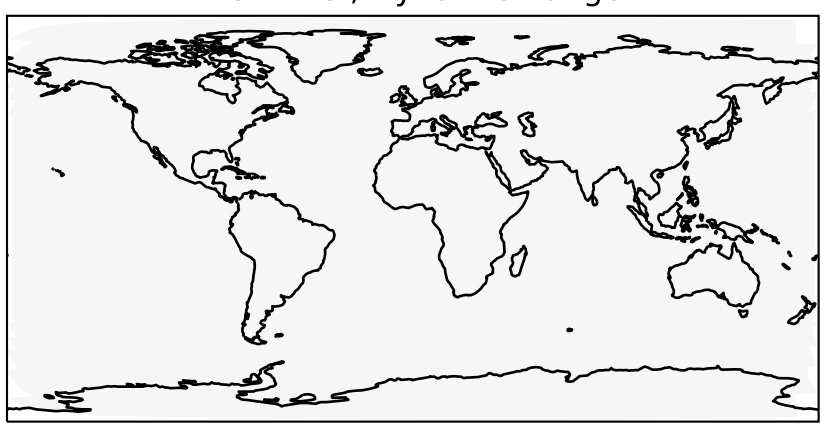
GCHP_13.2.0-LuoWetdep (Dev)
c48





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kg/m2/s

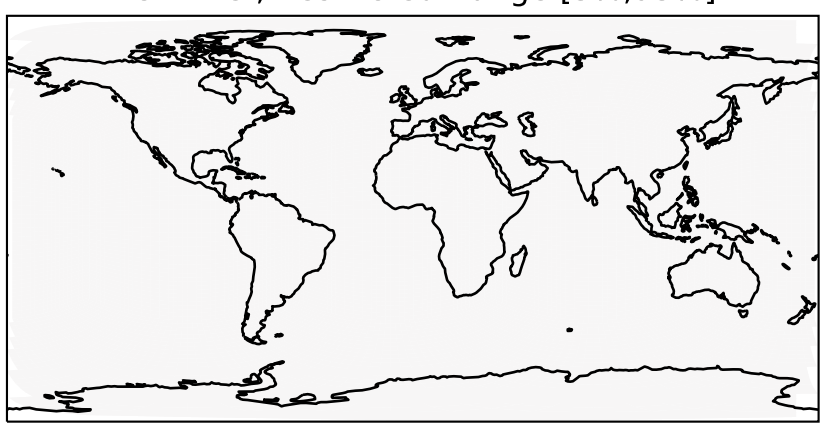
Difference
Dev - Ref, Dynamic Range





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kg/m2/s

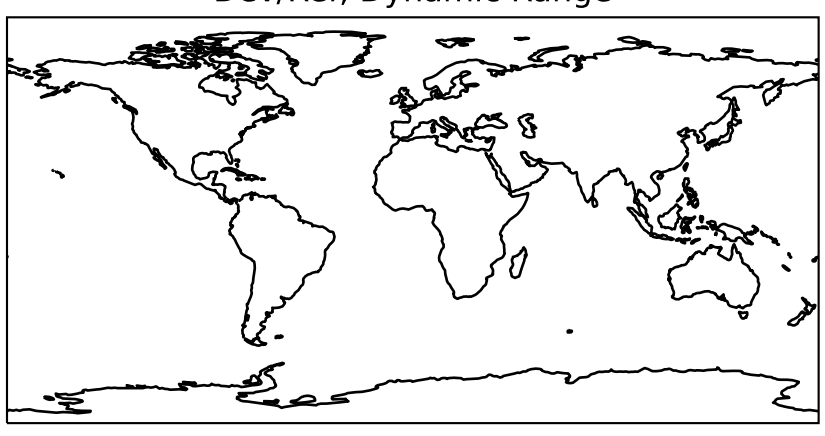
Difference
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kg/m2/s

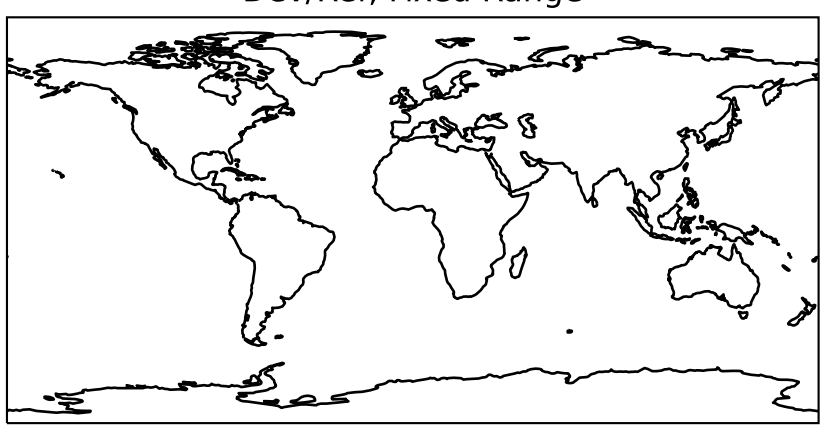
Ratio
Dev/Ref, Dynamic Range





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Ratio
Dev/Ref, Fixed Range

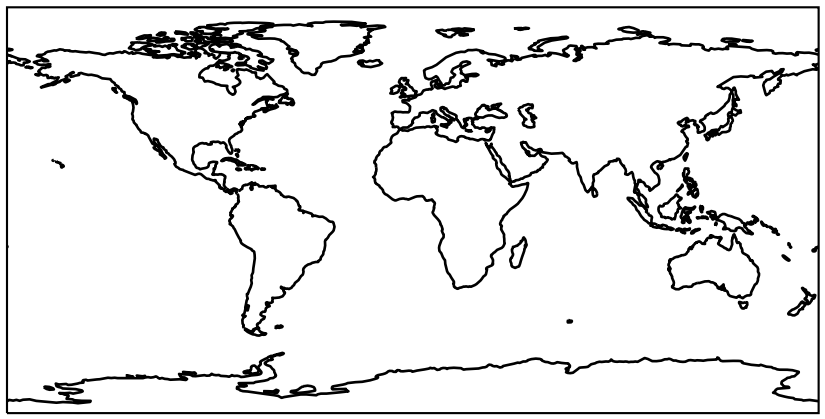




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EmisHCOOH_Ship (Jan2019)

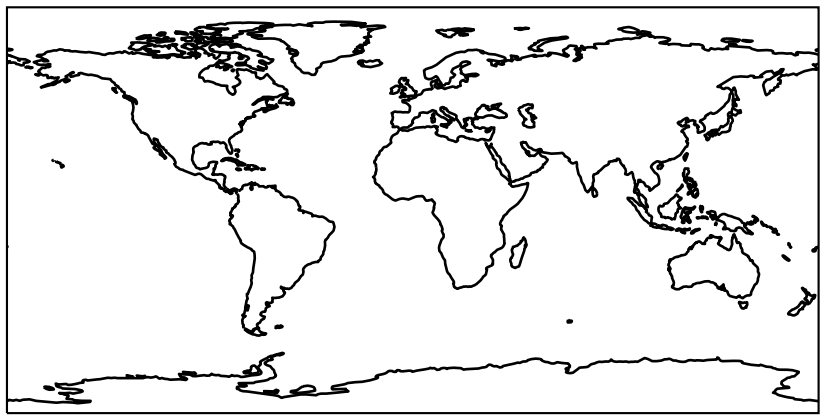
GCHP_13.2.0 (Ref)
c48





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kg/m2/s

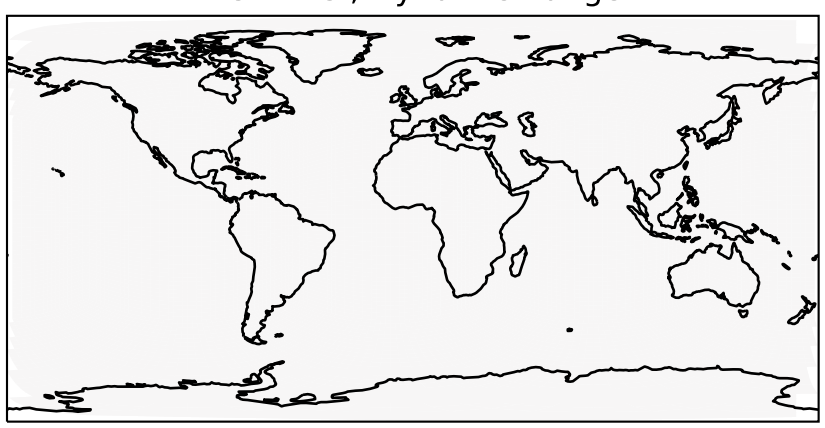
GCHP_13.2.0-LuoWetdep (Dev)
c48





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kg/m2/s

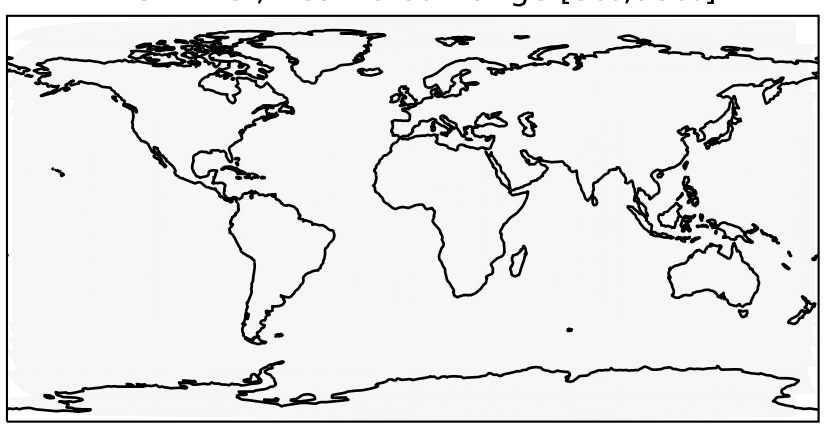
Difference
Dev - Ref, Dynamic Range





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kg/m2/s

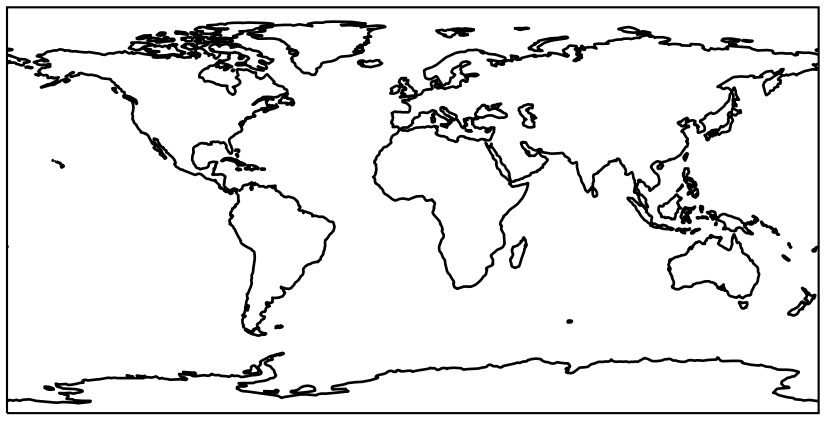
Difference
Dev - Ref, Restricted Range [5%,95%]





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kg/m2/s

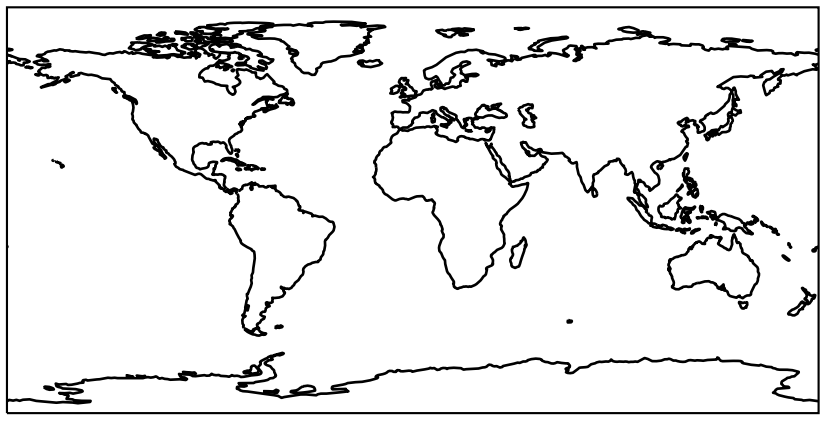
Ratio
Dev/Ref, Dynamic Range





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Ratio
Dev/Ref, Fixed Range

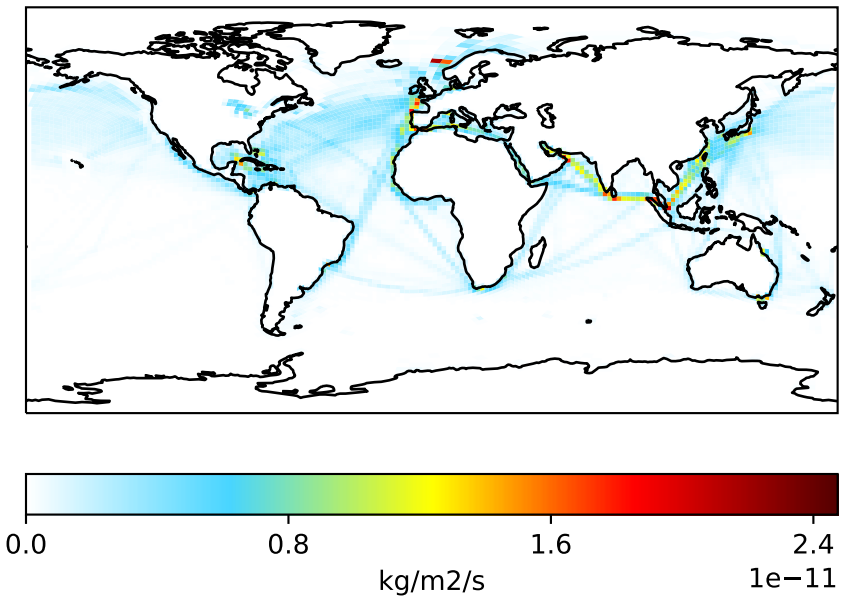




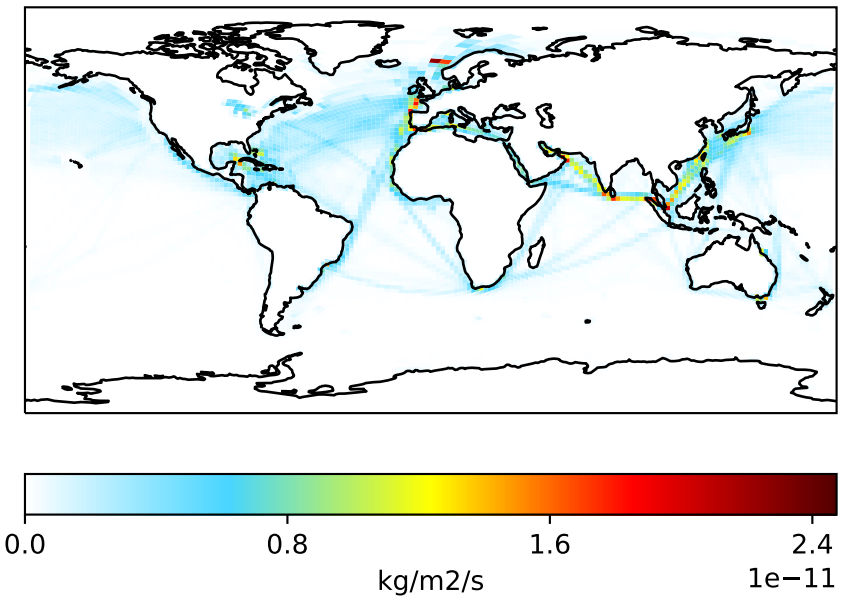
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EmisHNO3_Ship (Jan2019)

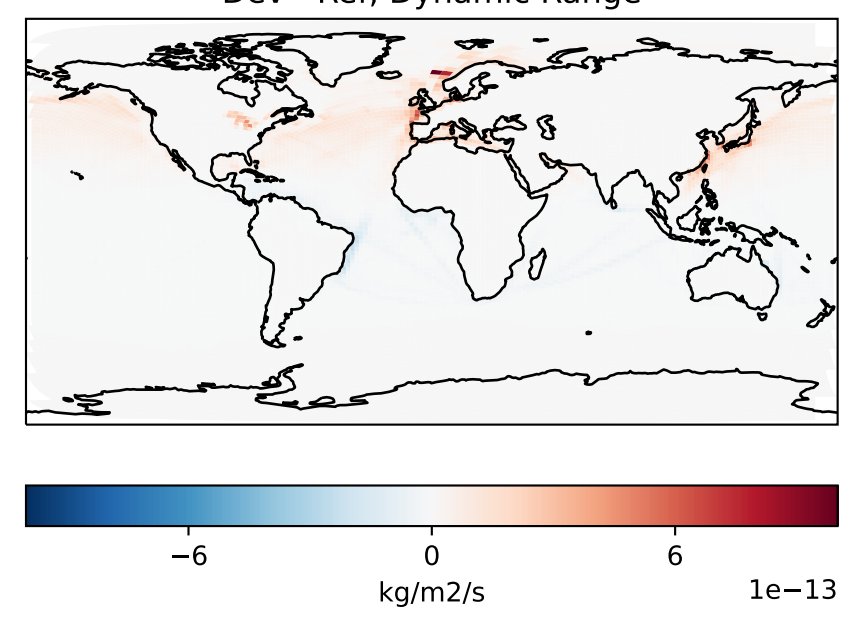
GCHP_13.2.0 (Ref)
c48



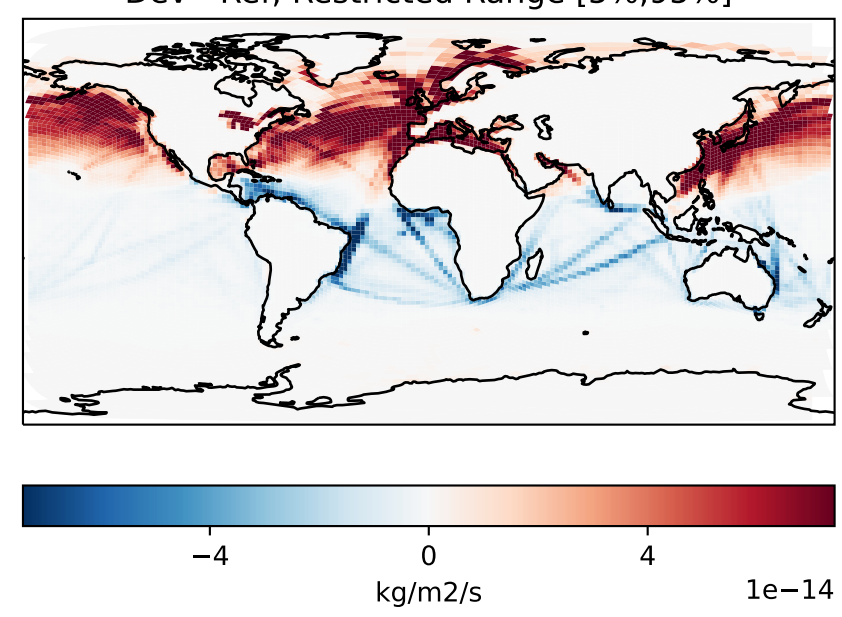
GCHP_13.2.0-LuoWetdep (Dev)
c48



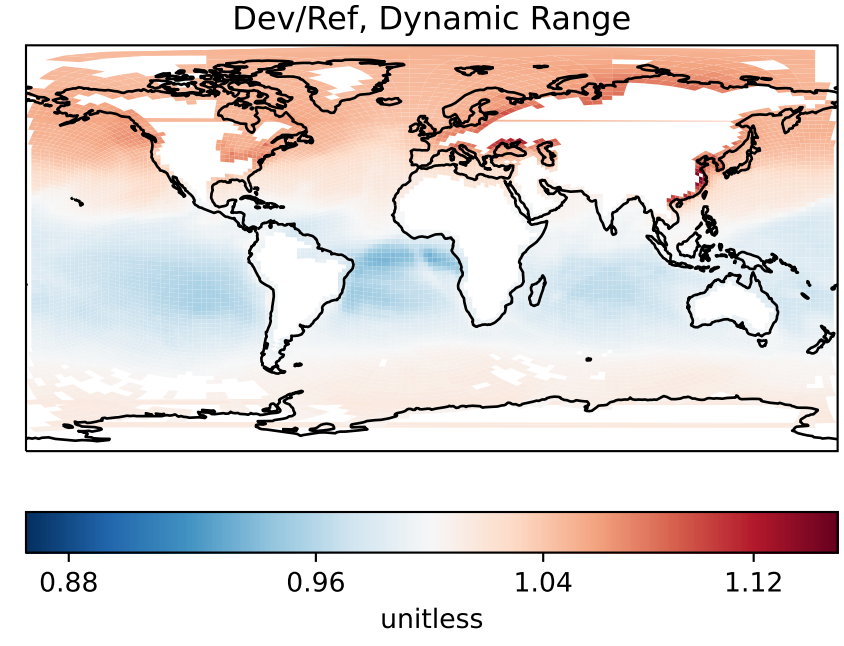
Difference
Dev - Ref, Dynamic Range



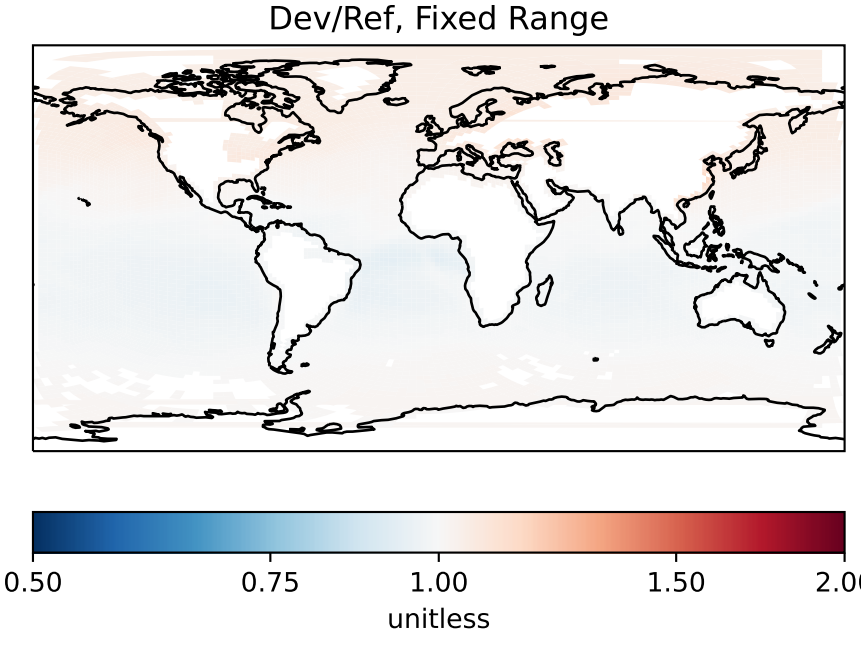
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

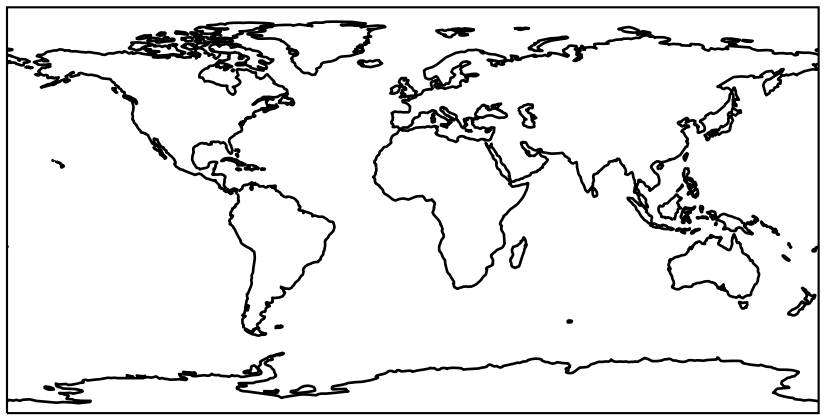


Ratio
Dev/Ref, Fixed Range



EmisMEK_Ship (Jan2019)

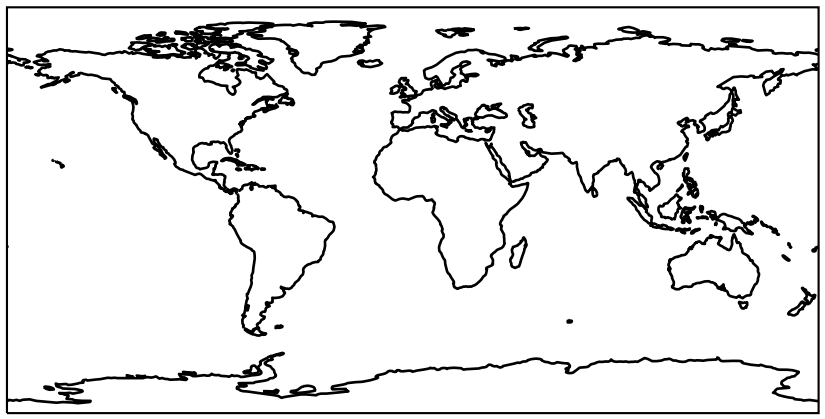
GCHP_13.2.0 (Ref)
c48





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kg/m2/s

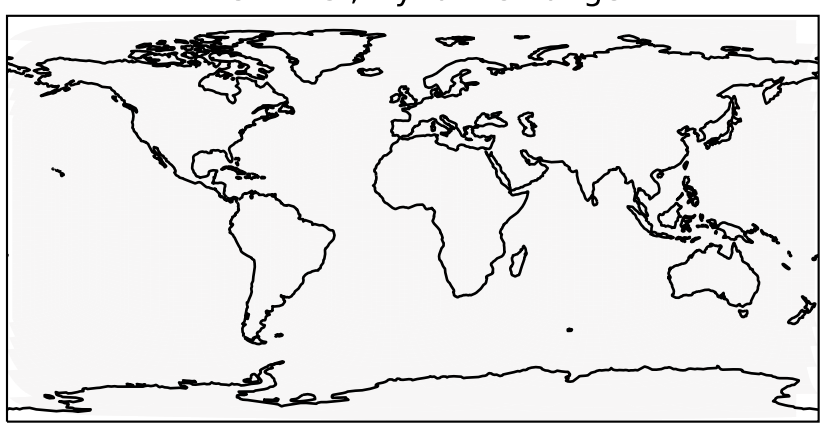
GCHP_13.2.0-LuoWetdep (Dev)
c48





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kg/m2/s

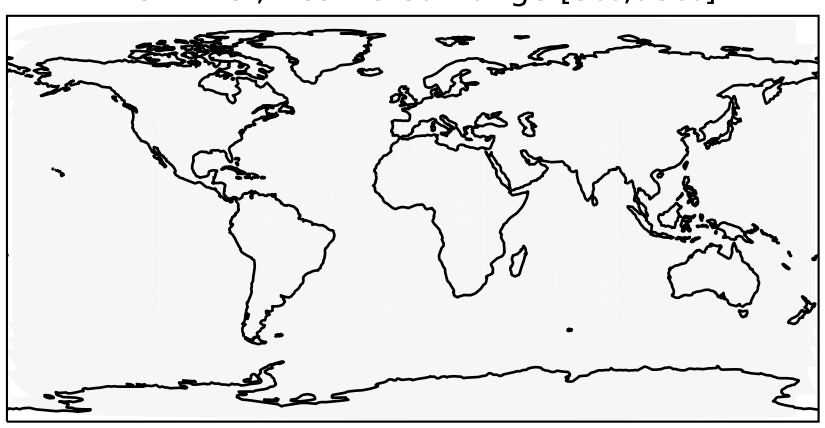
Difference
Dev - Ref, Dynamic Range





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kg/m2/s

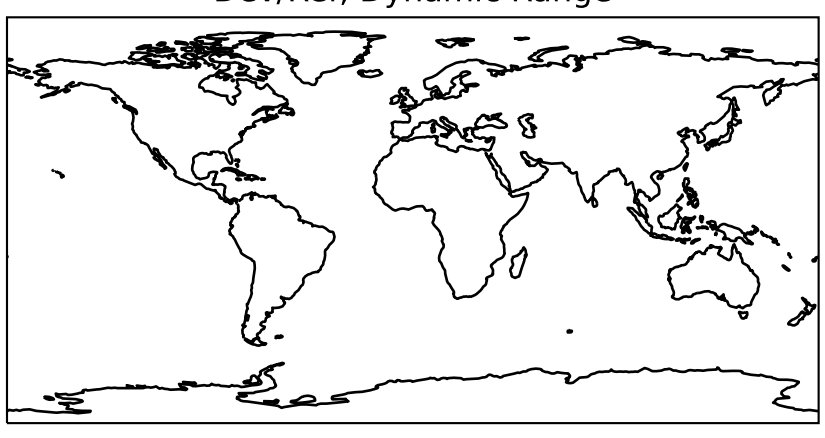
Difference
Dev - Ref, Restricted Range [5%,95%]





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kg/m2/s

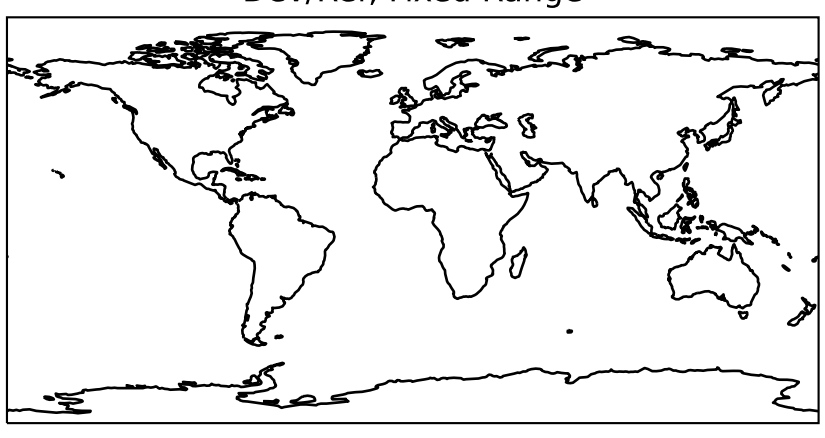
Ratio
Dev/Ref, Dynamic Range





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unitless

Ratio
Dev/Ref, Fixed Range

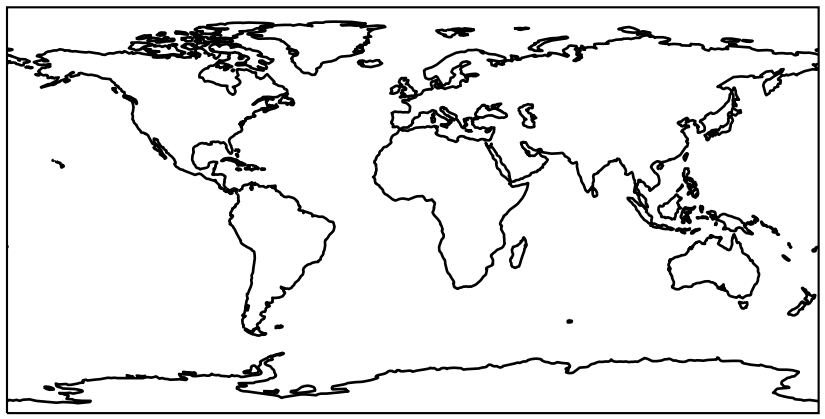




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EmisMOH_Ship (Jan2019)

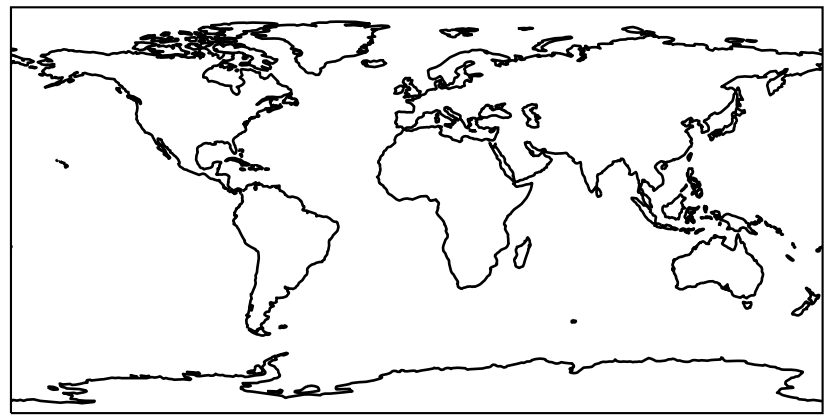
GCHP_13.2.0 (Ref)
c48





Zero throughout domain
kg/m2/s

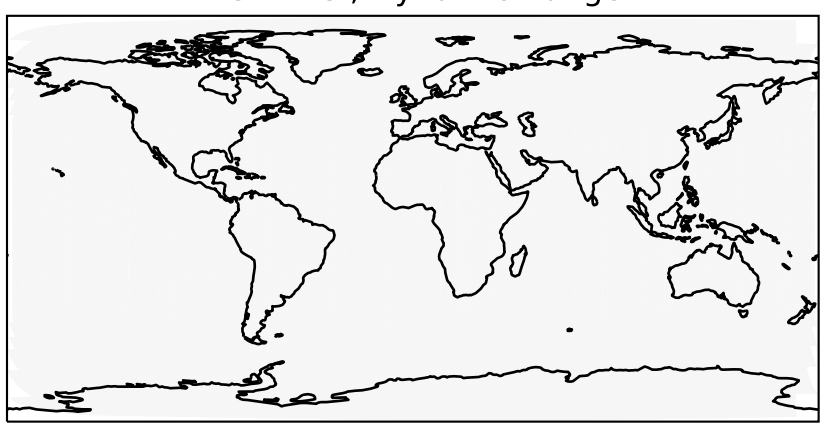
GCHP_13.2.0-LuoWetdep (Dev)
c48





Zero throughout domain
kg/m2/s

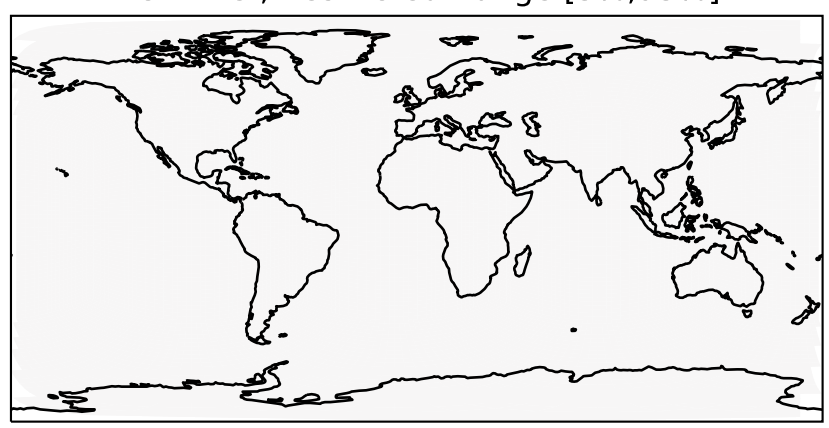
Difference
Dev - Ref, Dynamic Range





Zero throughout domain
kg/m2/s

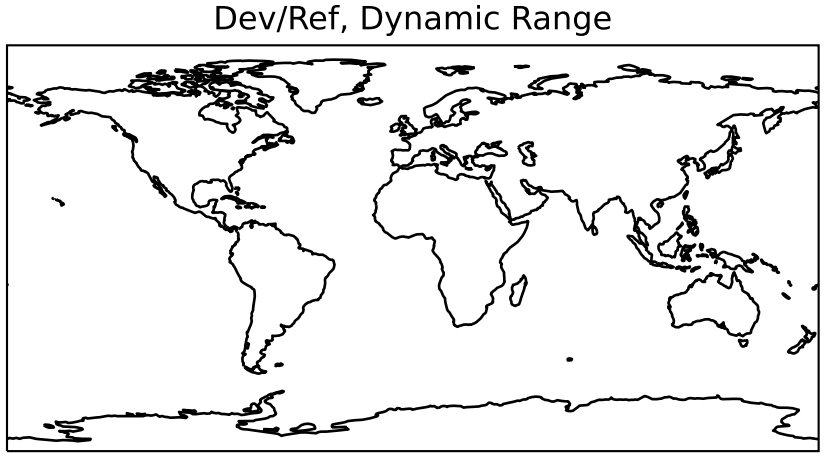
Difference
Dev - Ref, Restricted Range [5%,95%]





Zero throughout domain
kg/m2/s

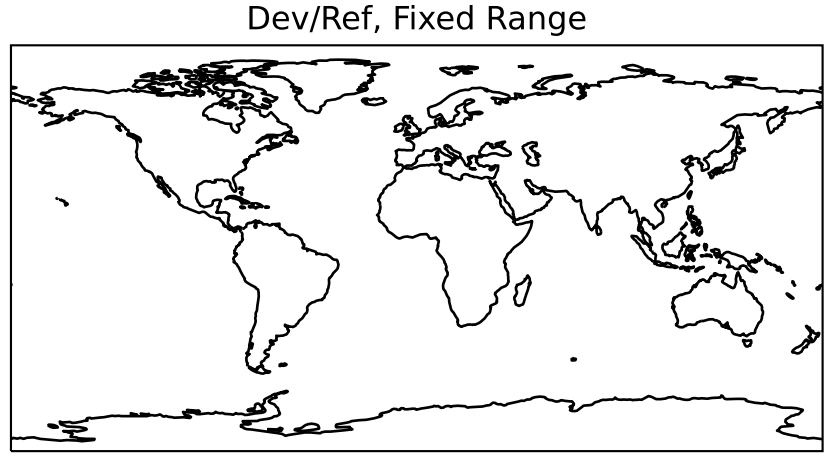
Ratio
Dev/Ref, Dynamic Range





Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range

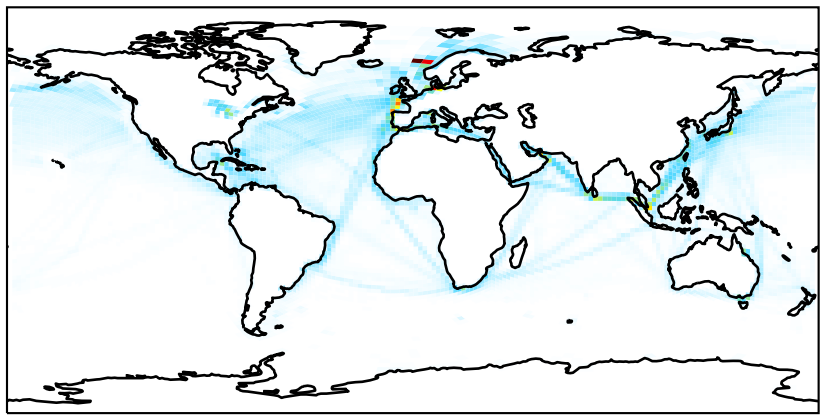


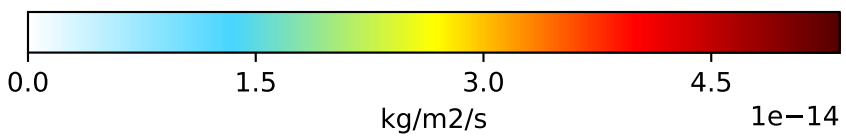


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unitless

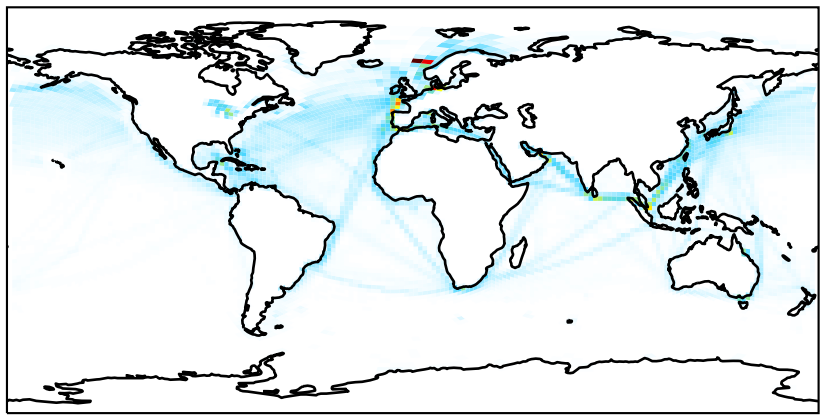
EmisNH3_Ship (Jan2019)

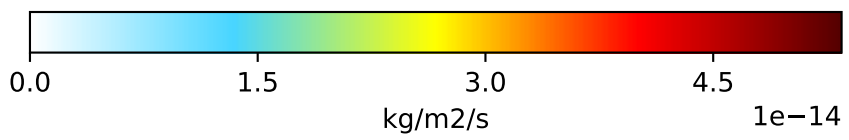
GCHP_13.2.0 (Ref)
c48



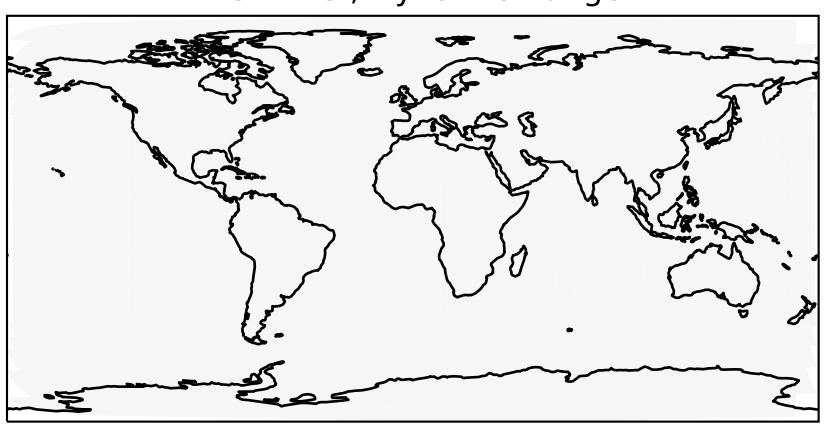


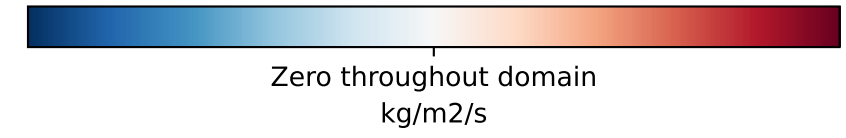
GCHP_13.2.0-LuoWetdep (Dev)
c48



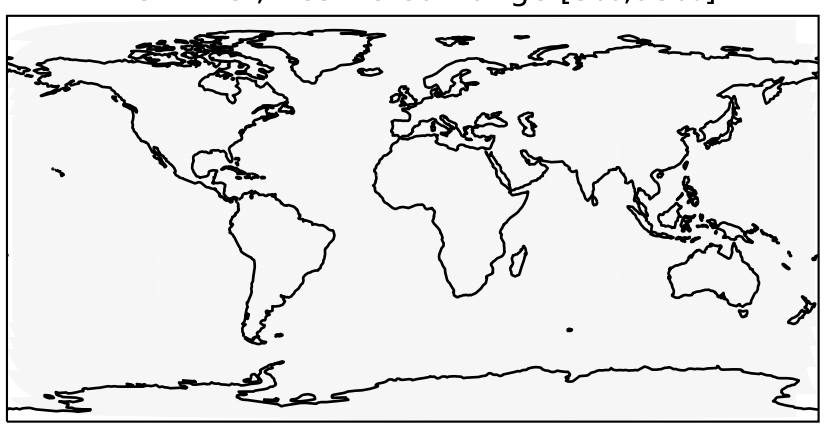


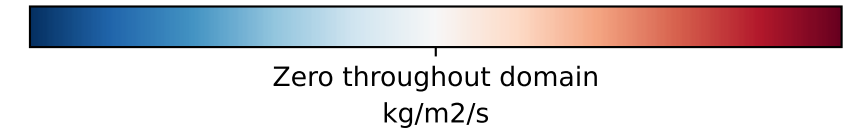
Difference
Dev - Ref, Dynamic Range



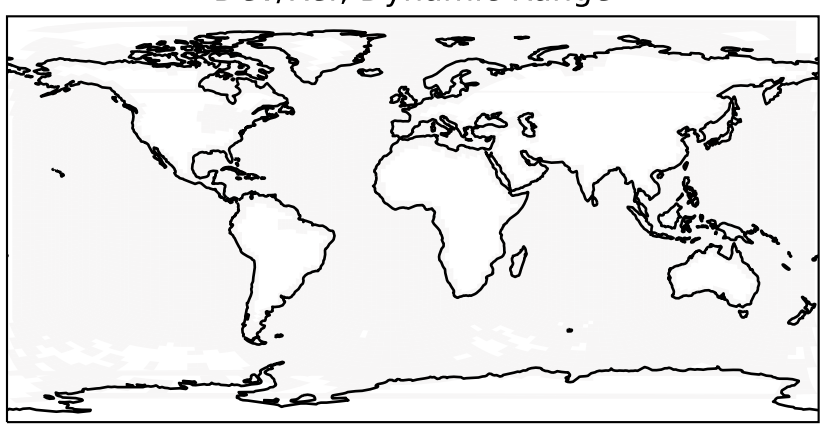


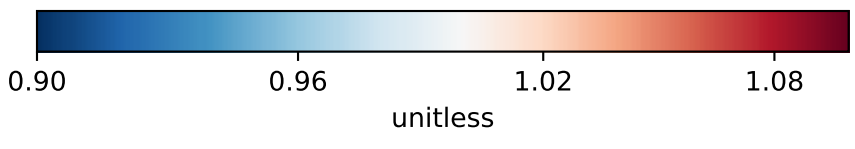
Difference
Dev - Ref, Restricted Range [5%,95%]



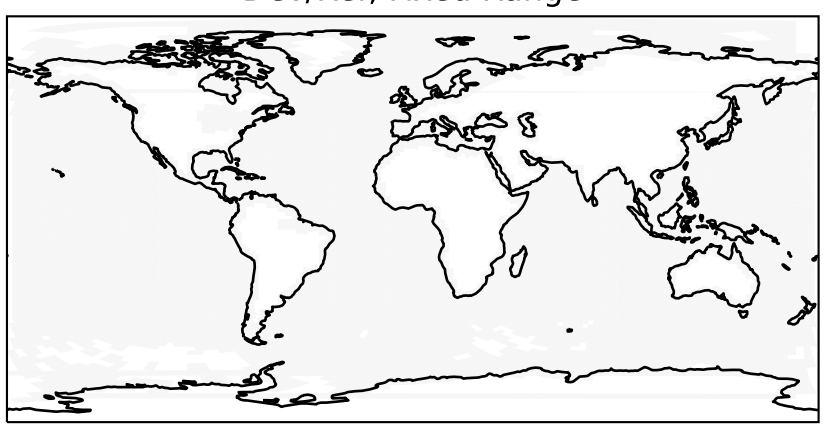


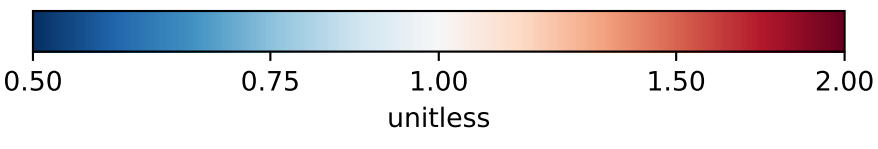
Ratio
Dev/Ref, Dynamic Range





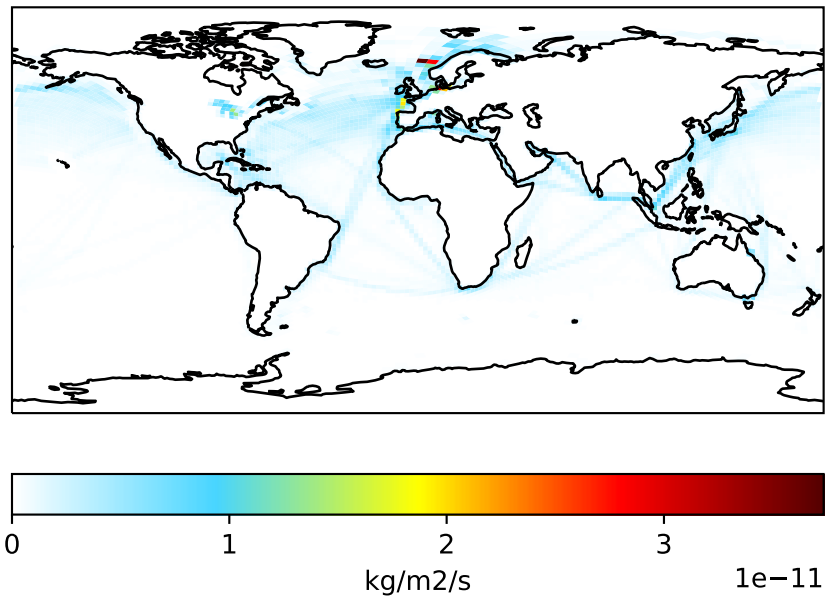
Ratio
Dev/Ref, Fixed Range



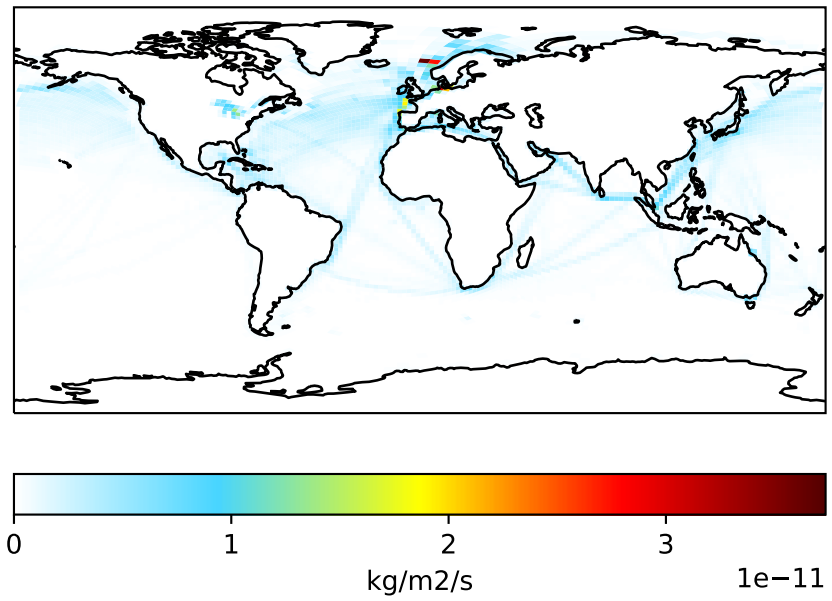


EmisNO2_Ship (Jan2019)

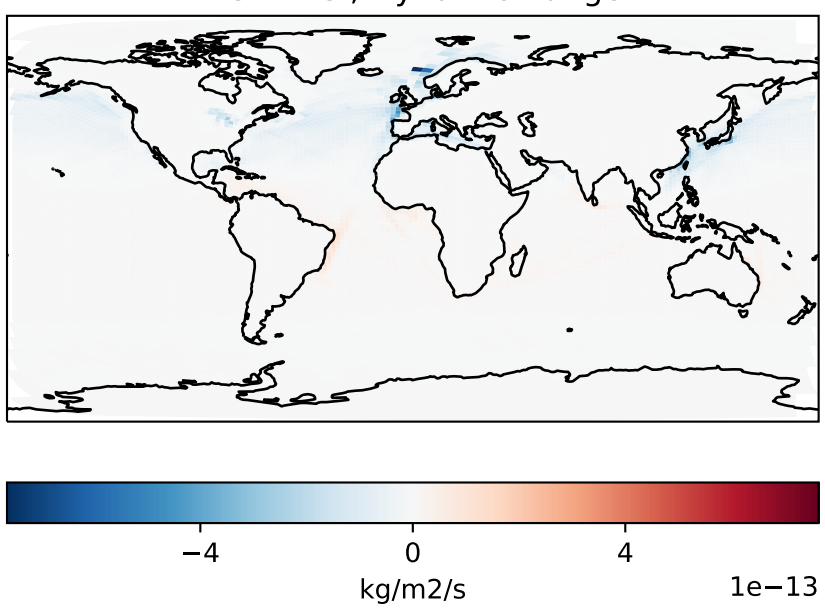
GCHP_13.2.0 (Ref)
c48



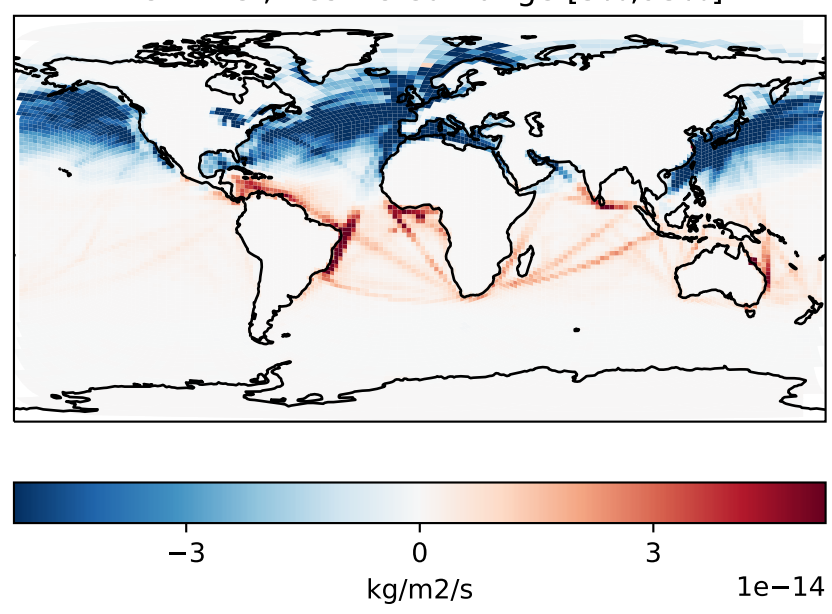
GCHP_13.2.0-LuoWetdep (Dev)
c48



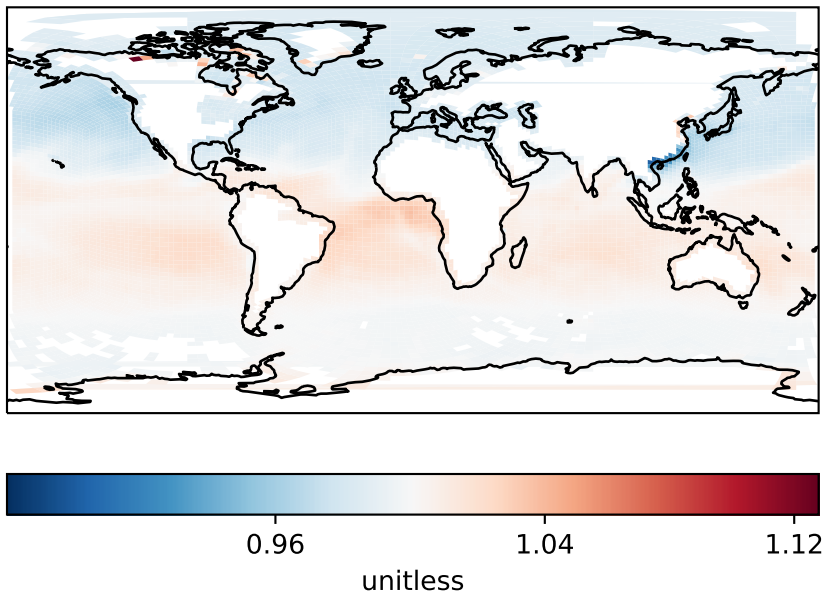
Difference
Dev - Ref, Dynamic Range



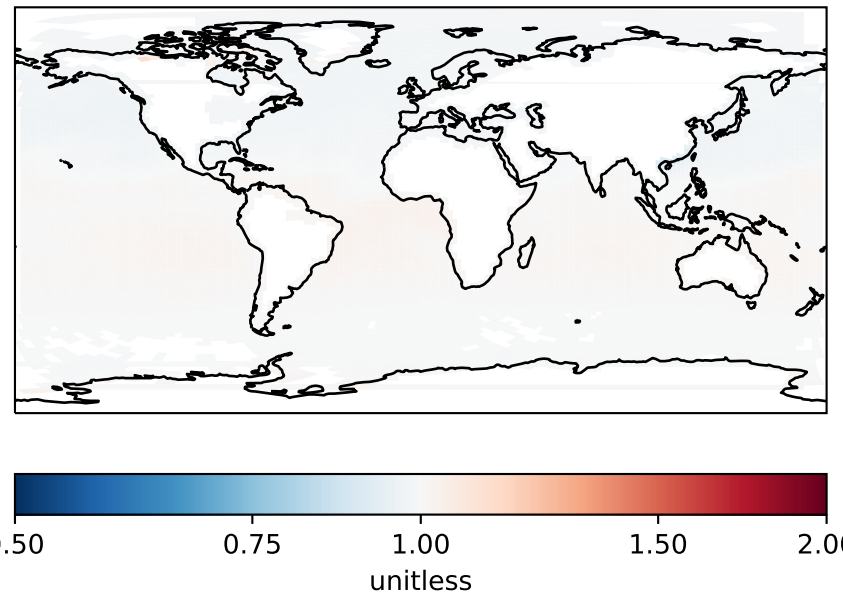
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

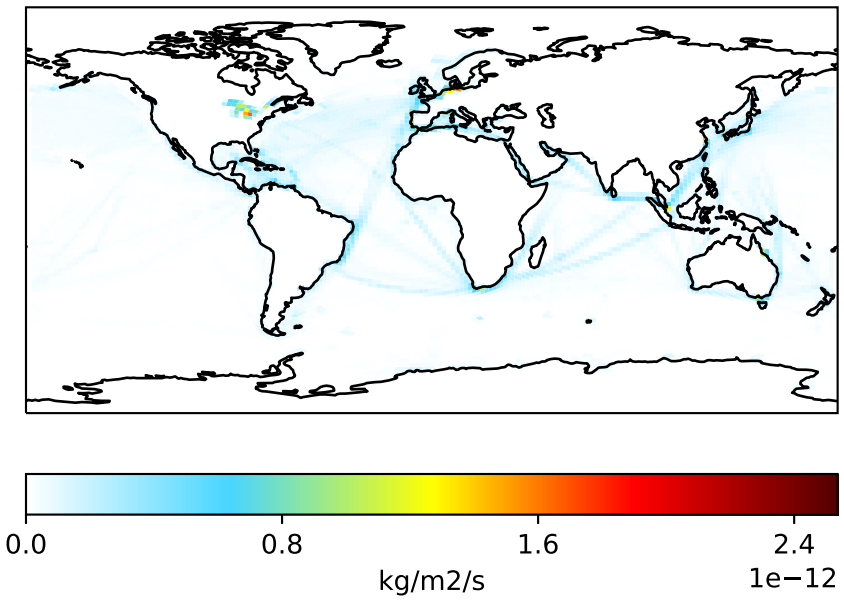


Ratio
Dev/Ref, Fixed Range

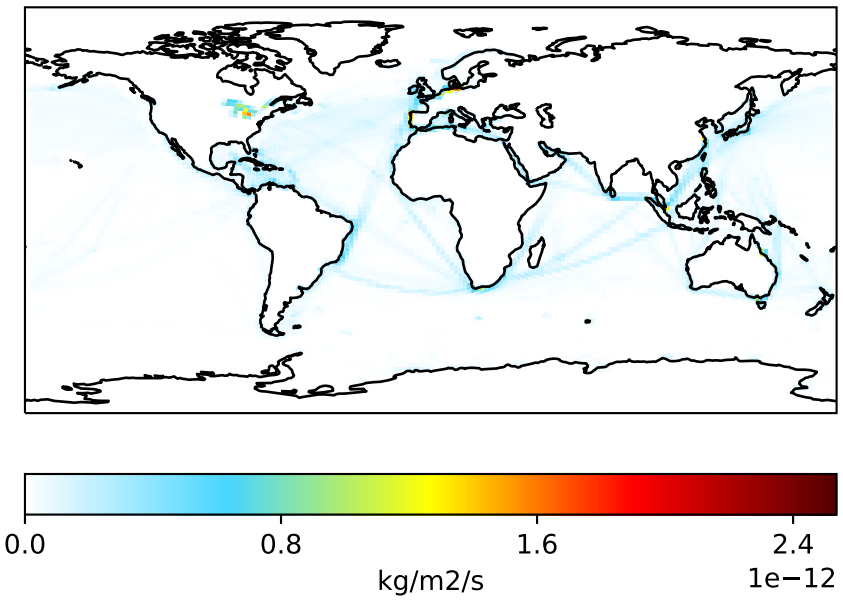


EmisNO_Ship (Jan2019)

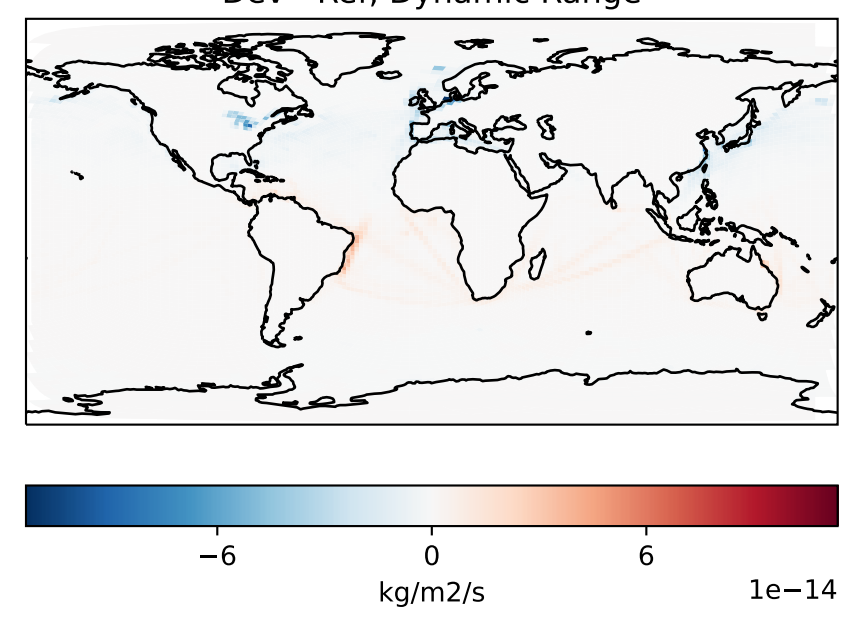
GCHP_13.2.0 (Ref)
c48



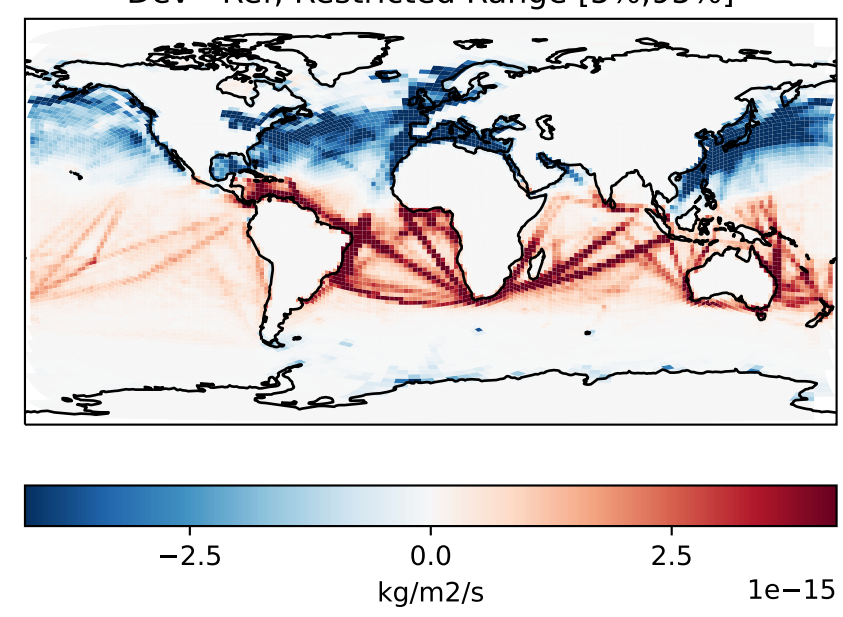
GCHP_13.2.0-LuoWetdep (Dev)
c48



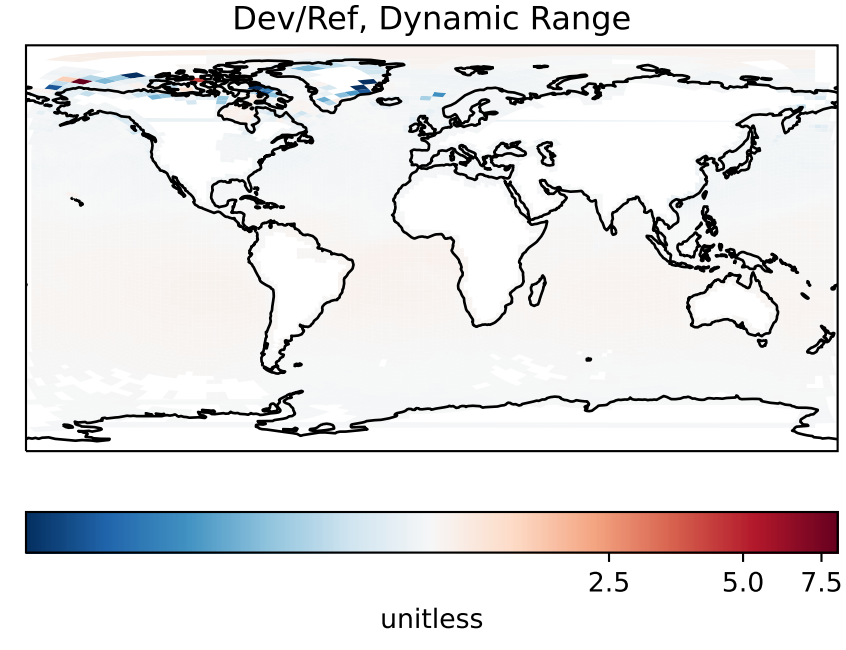
Difference
Dev - Ref, Dynamic Range



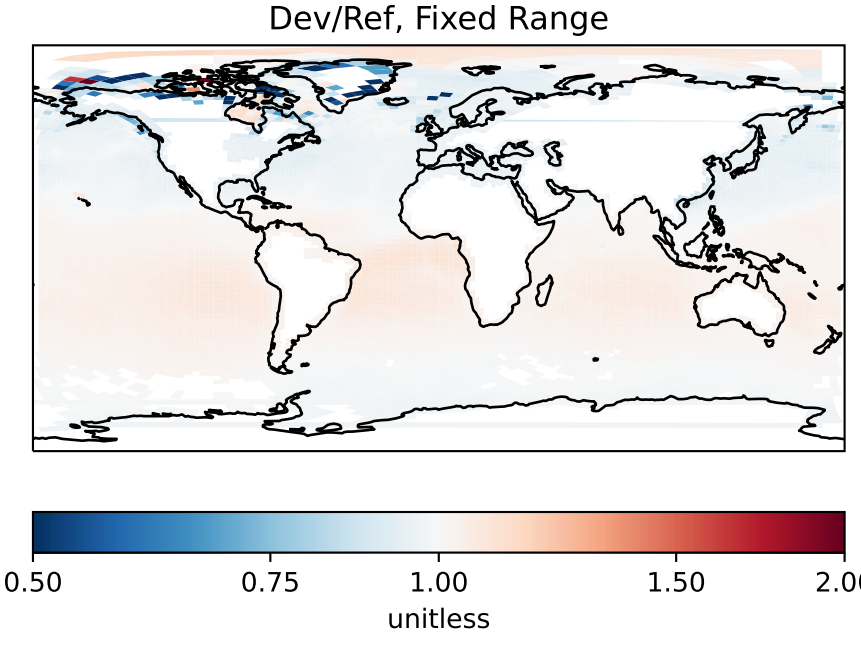
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

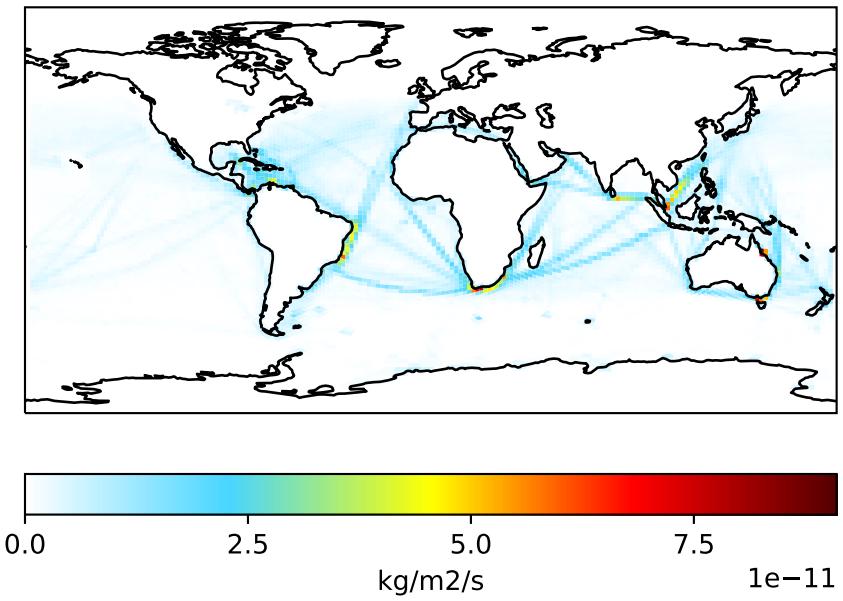


Ratio
Dev/Ref, Fixed Range

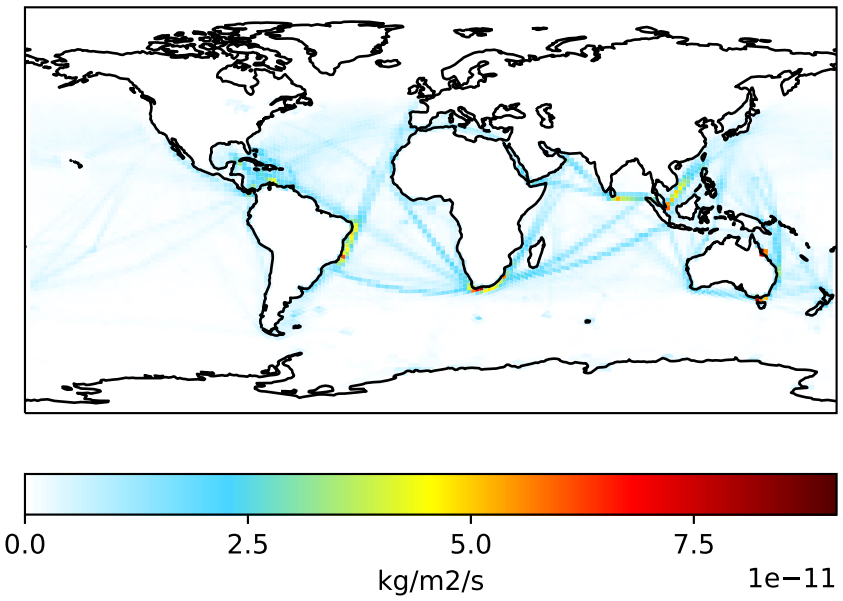


EmisO3_Ship (Jan2019)

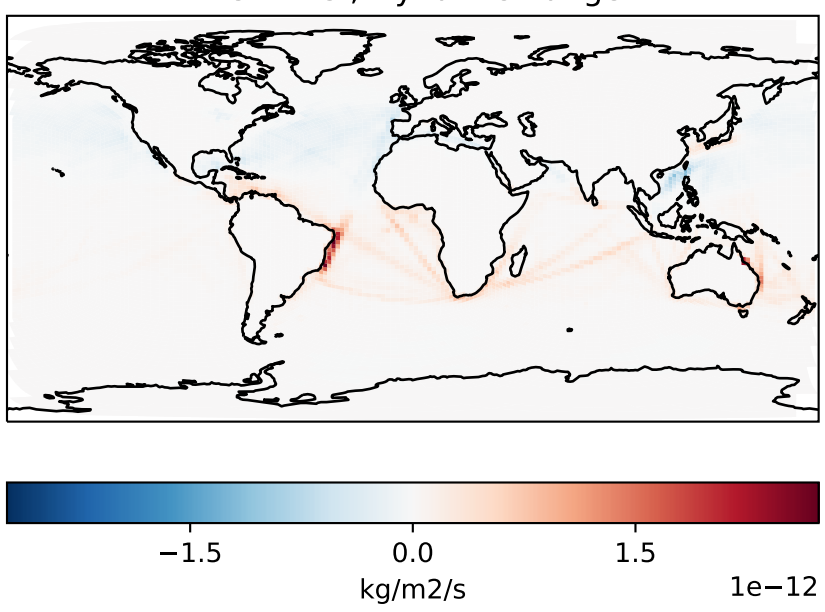
GCHP_13.2.0 (Ref)
c48



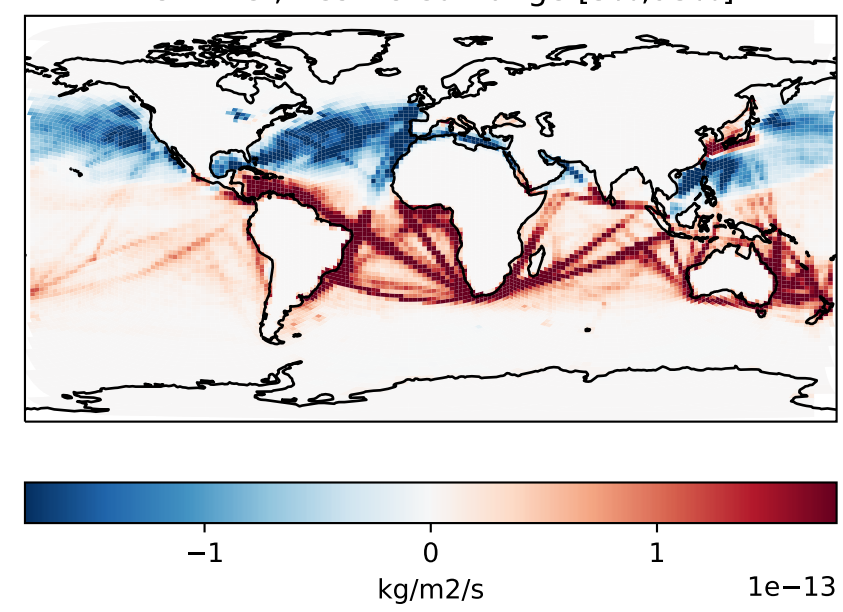
GCHP_13.2.0-LuoWetdep (Dev)
c48



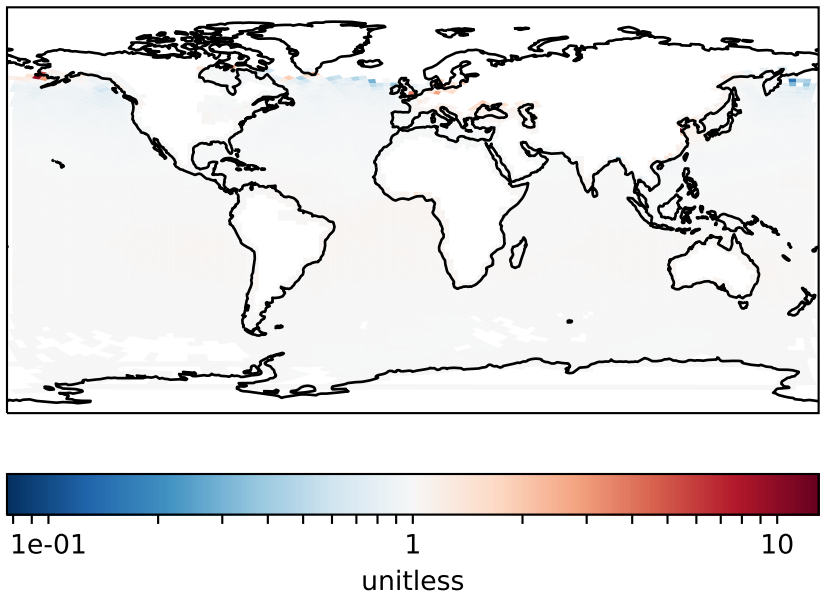
Difference
Dev - Ref, Dynamic Range



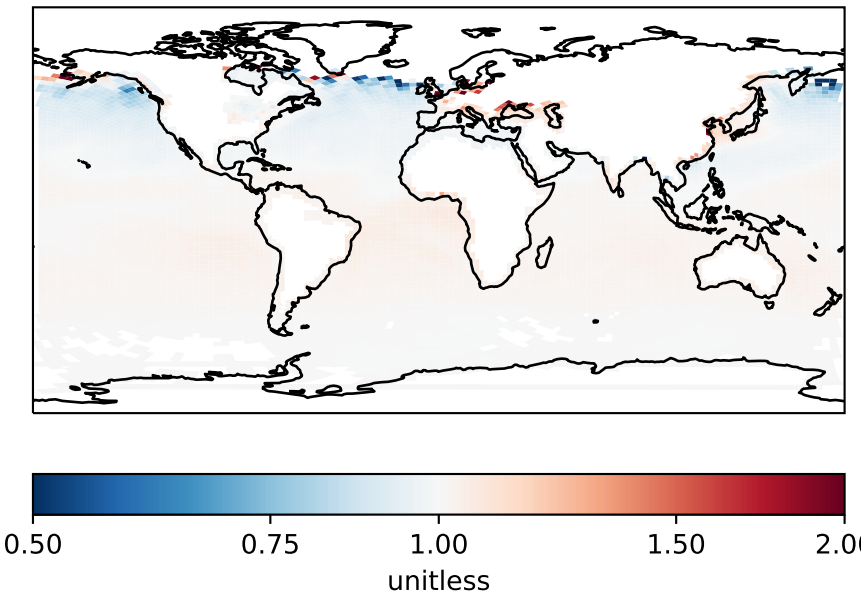
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

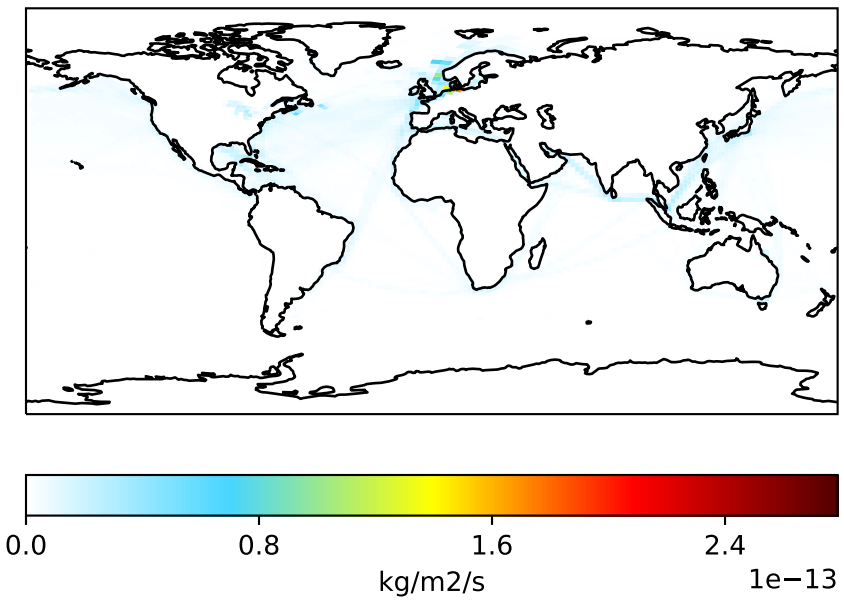


Ratio
Dev/Ref, Fixed Range

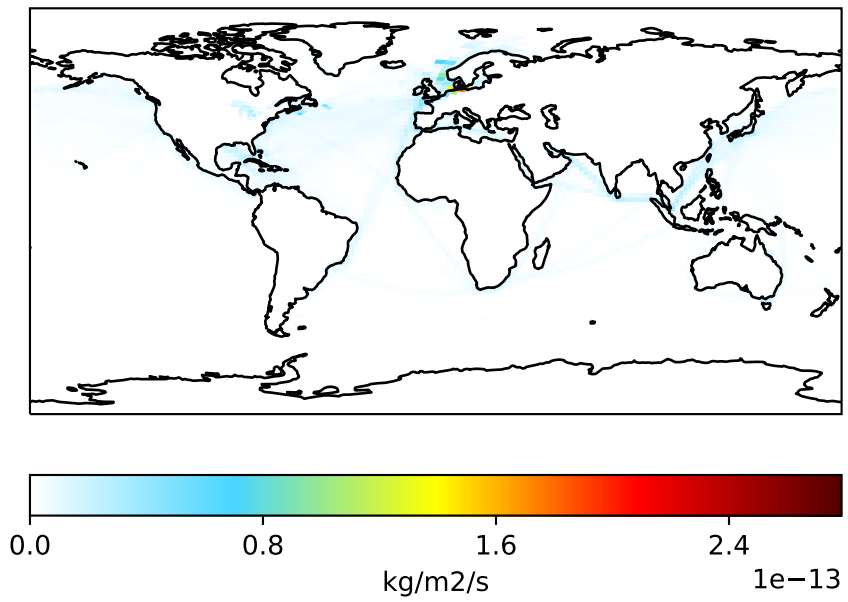


EmisOCPI_Ship (Jan2019)

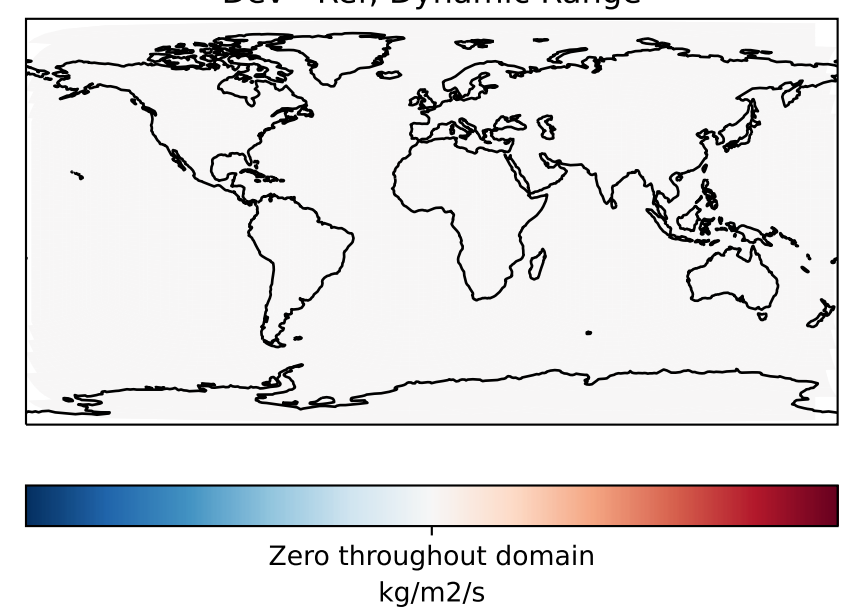
GCHP_13.2.0 (Ref)
c48



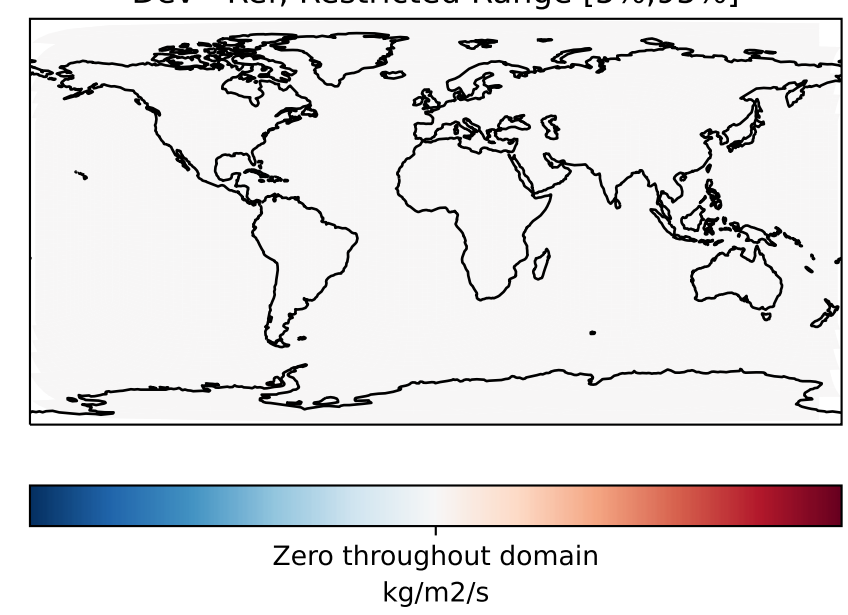
GCHP_13.2.0-LuoWetdep (Dev)
c48



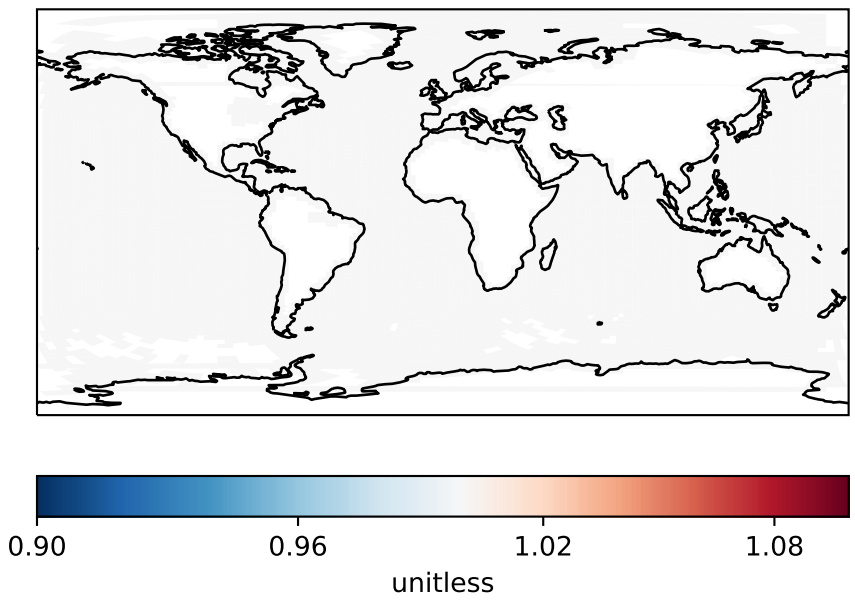
Difference
Dev - Ref, Dynamic Range



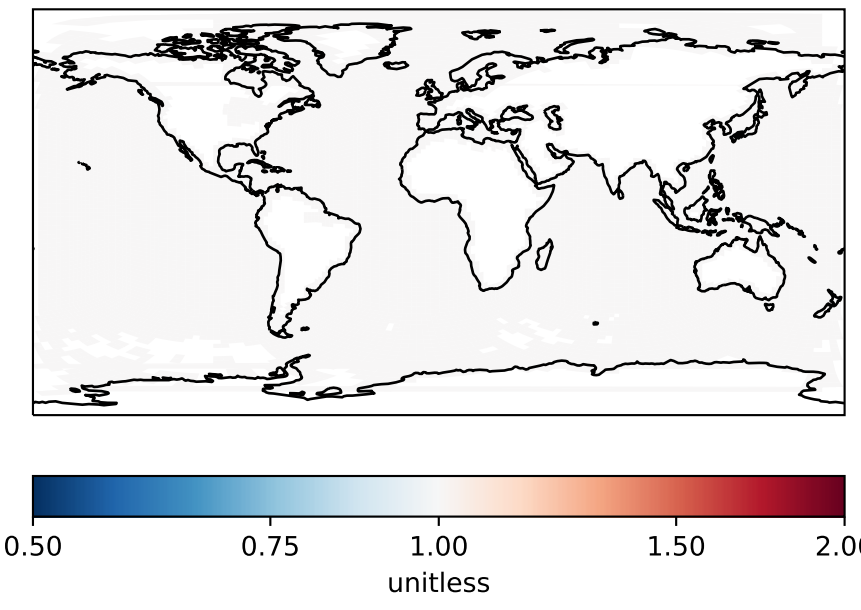
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range



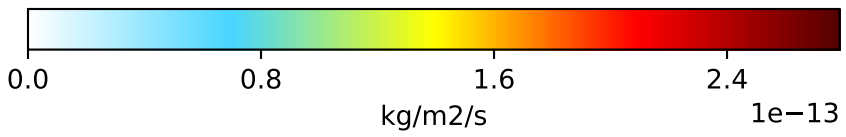
Ratio
Dev/Ref, Fixed Range



EmisOCPO_Ship (Jan2019)

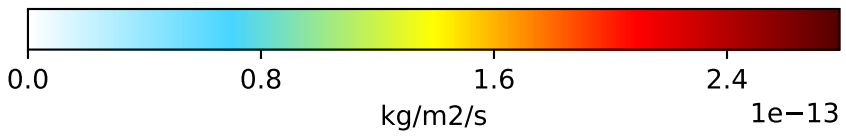
GCHP_13.2.0 (Ref)
c48



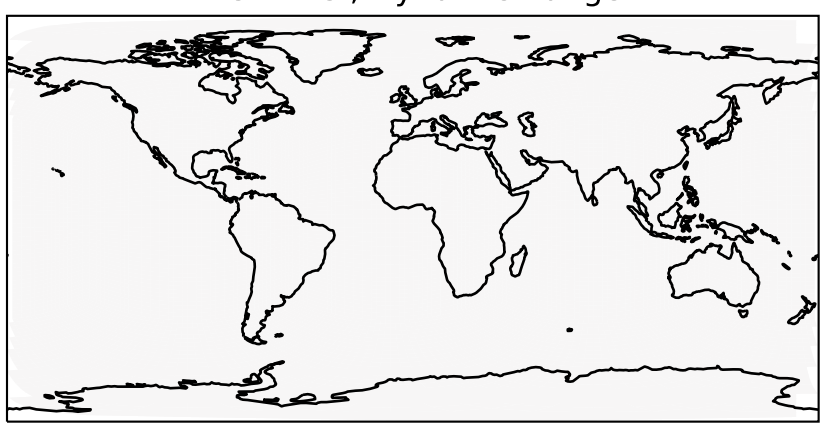


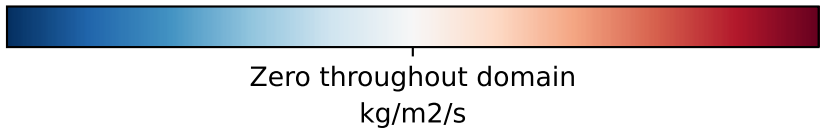
GCHP_13.2.0-LuoWetdep (Dev)
c48



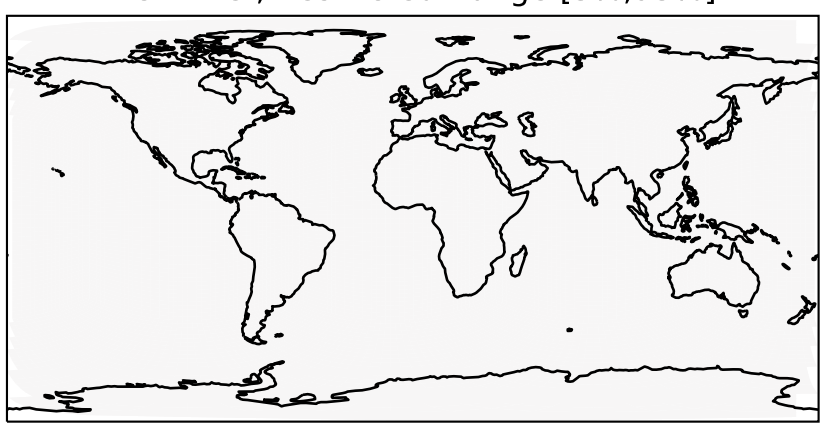


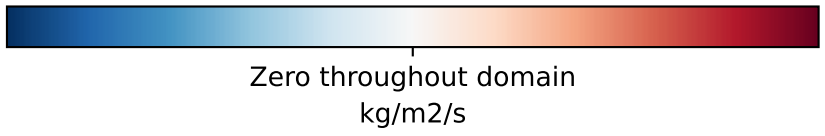
Difference
Dev - Ref, Dynamic Range



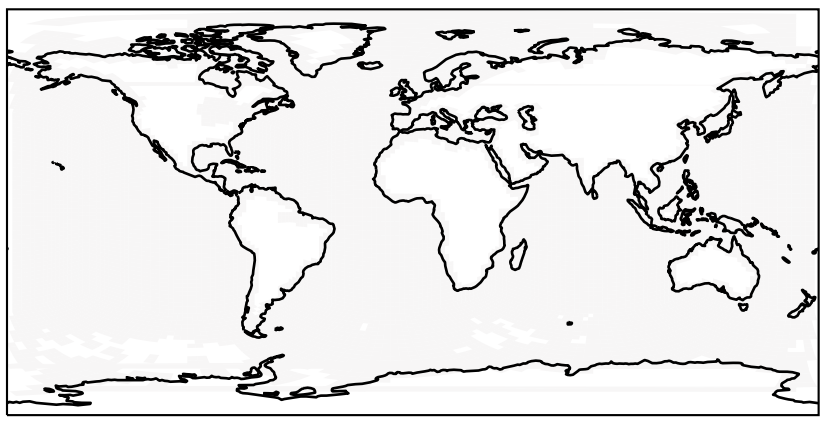


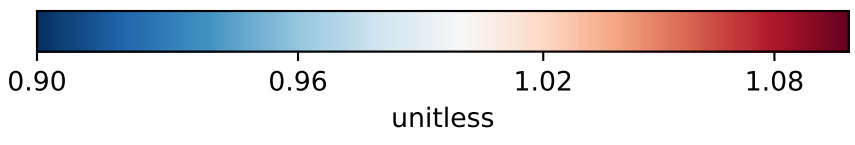
Difference
Dev - Ref, Restricted Range [5%,95%]





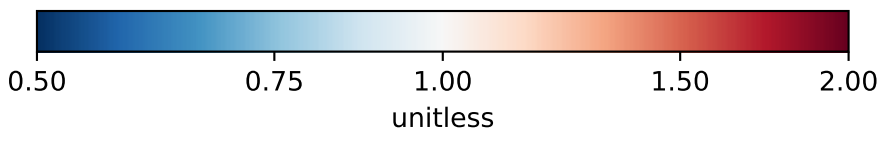
Ratio
Dev/Ref, Dynamic Range





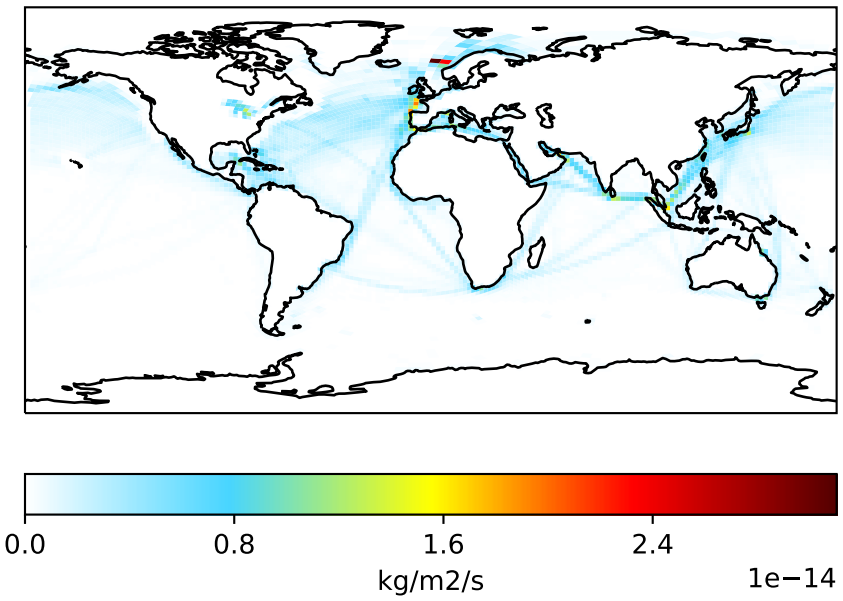
Ratio
Dev/Ref, Fixed Range



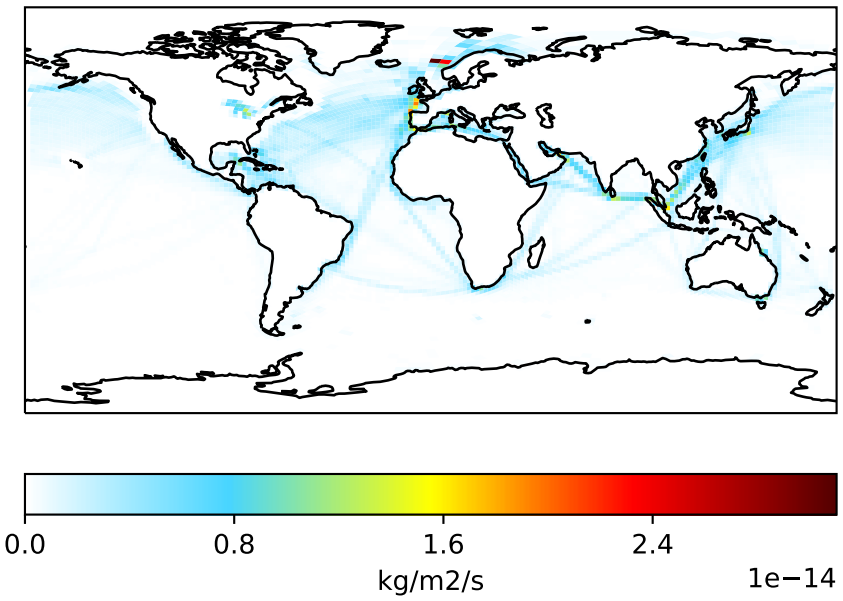


EmispFe_Ship (Jan2019)

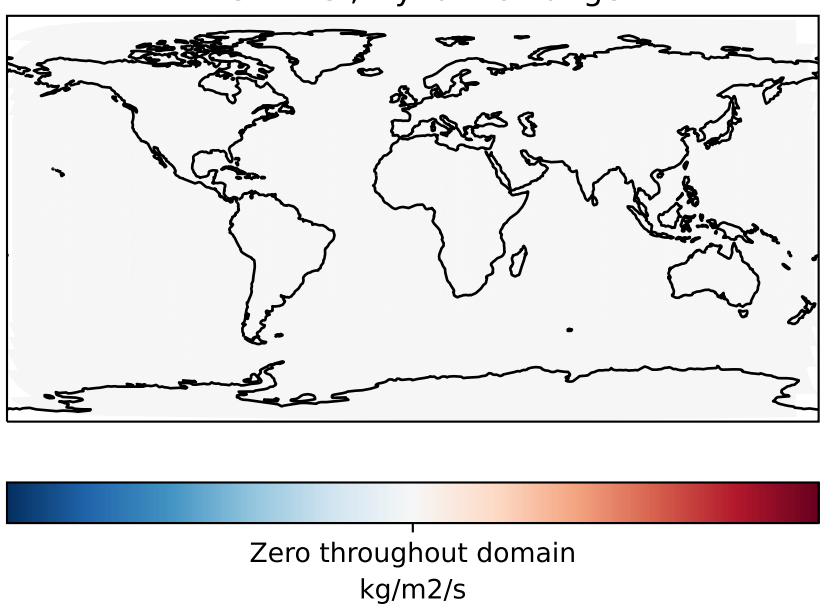
GCHP_13.2.0 (Ref)
c48



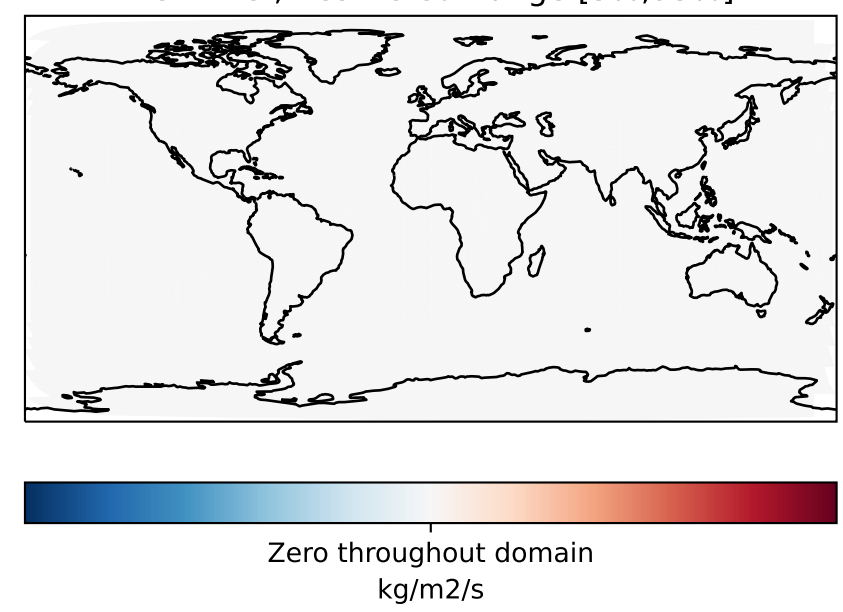
GCHP_13.2.0-LuoWetdep (Dev)
c48



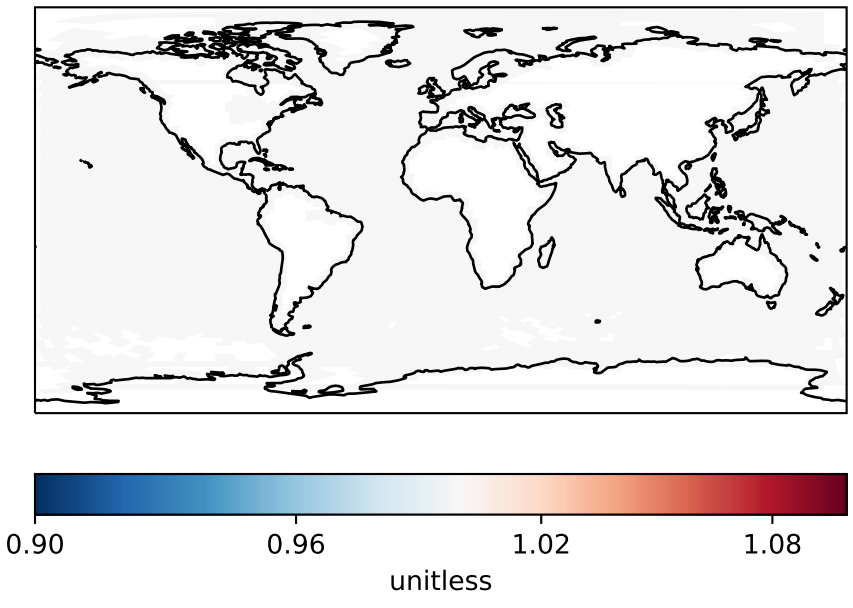
Difference
Dev - Ref, Dynamic Range



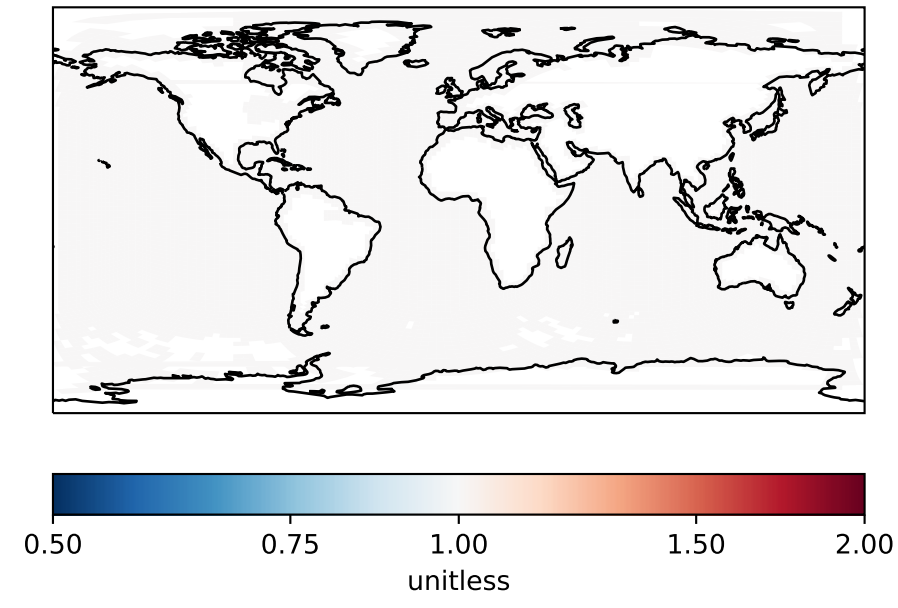
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range



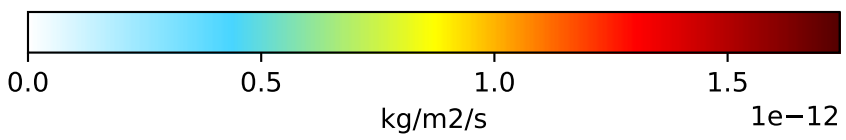
Ratio
Dev/Ref, Fixed Range



EmisPRPE_Ship (Jan2019)

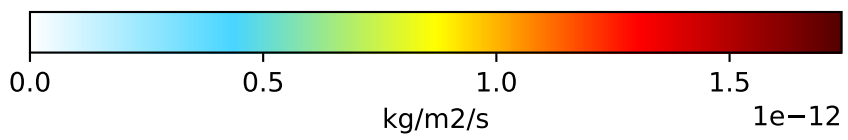
GCHP_13.2.0 (Ref)
c48



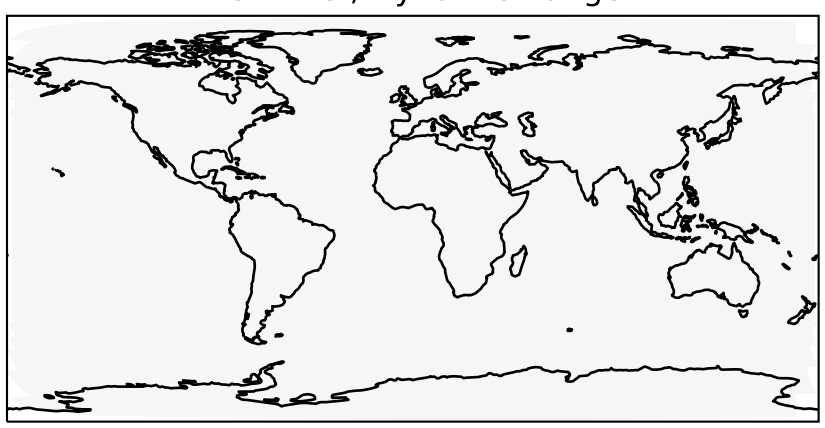


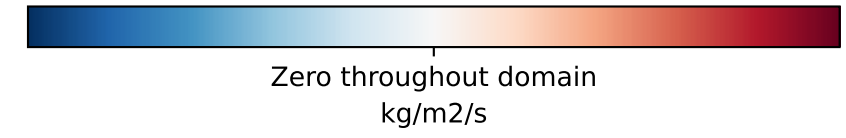
GCHP_13.2.0-LuoWetdep (Dev)
c48



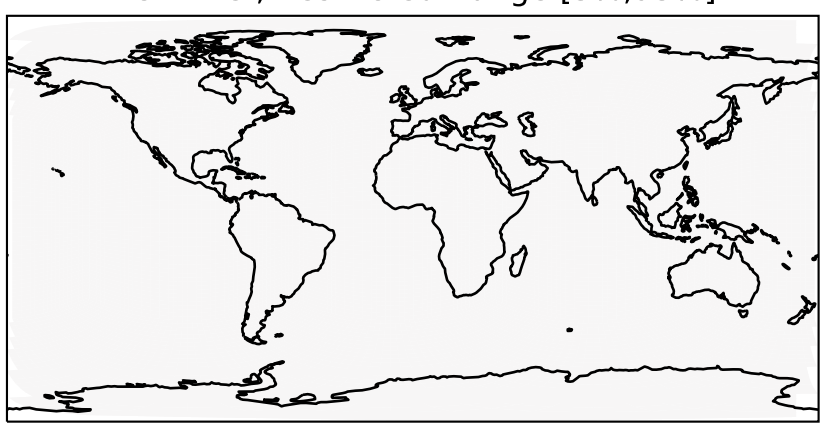


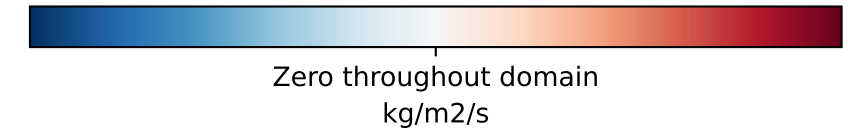
Difference
Dev - Ref, Dynamic Range



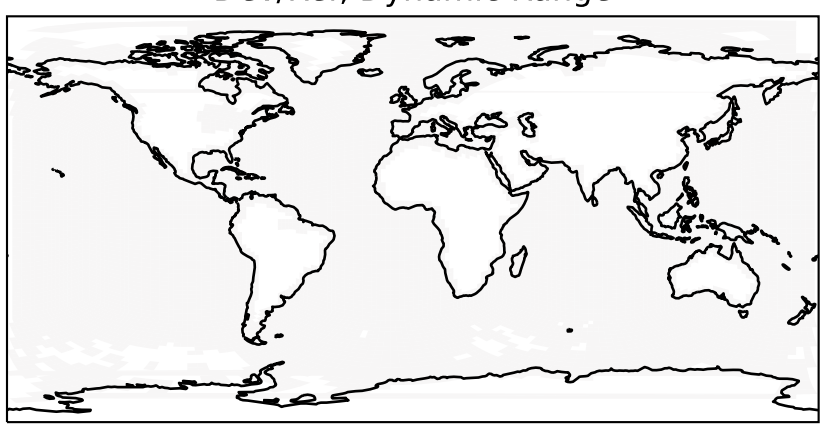


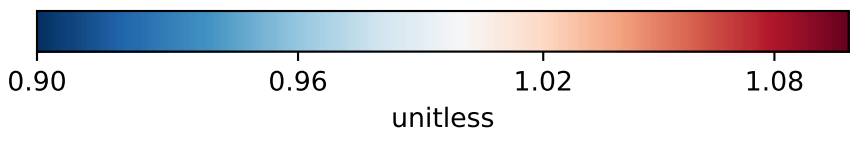
Difference
Dev - Ref, Restricted Range [5%,95%]



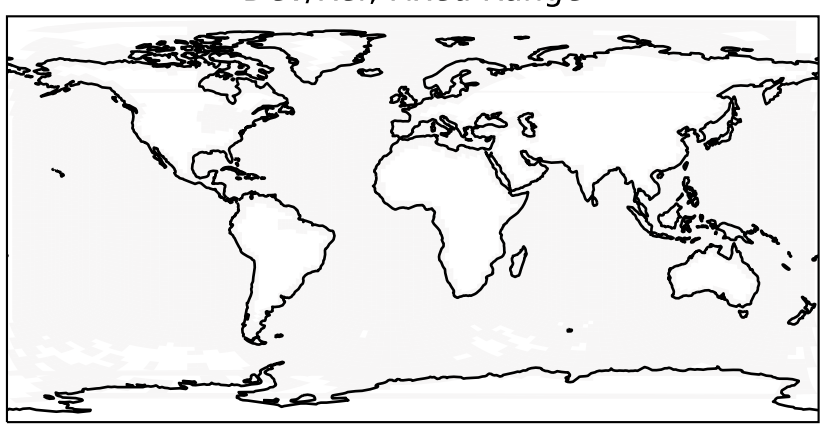


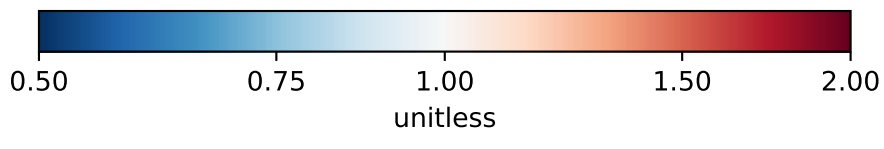
Ratio
Dev/Ref, Dynamic Range





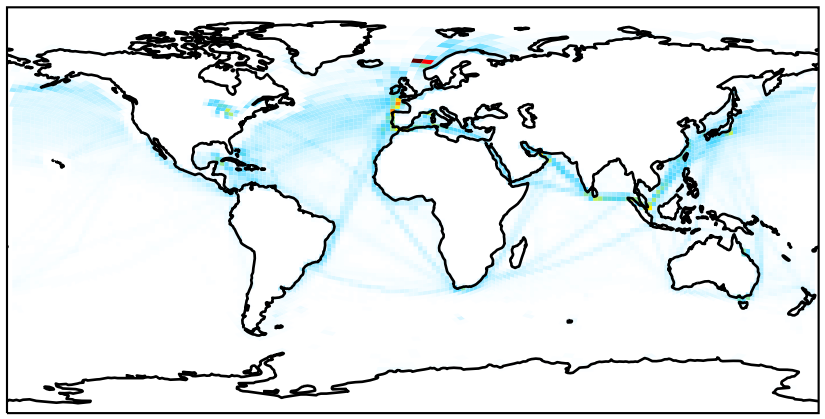
Ratio
Dev/Ref, Fixed Range

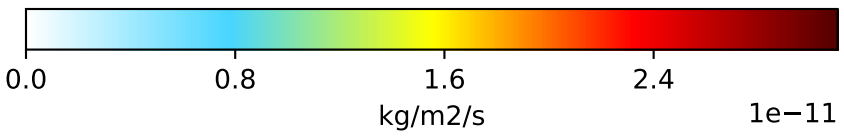




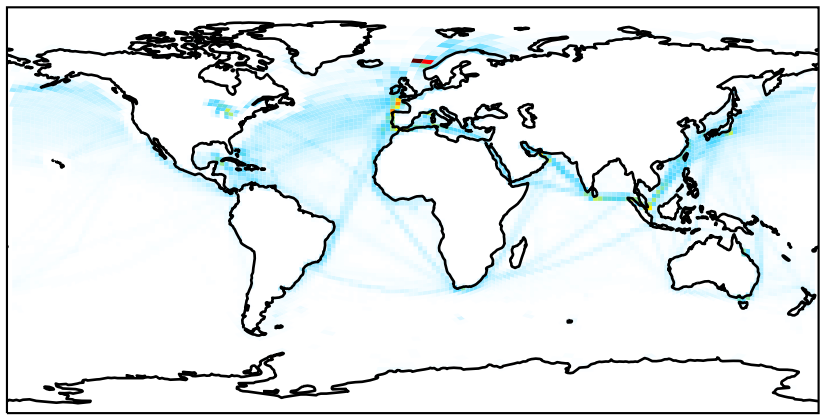
EmisSO2_Ship (Jan2019)

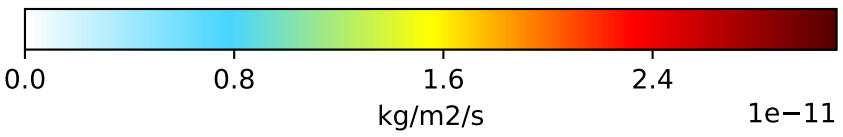
GCHP_13.2.0 (Ref)
c48



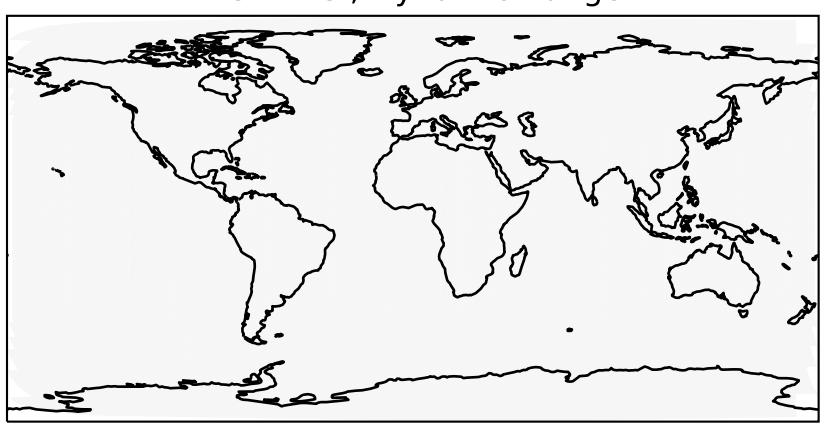


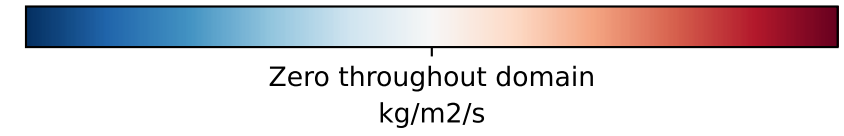
GCHP_13.2.0-LuoWetdep (Dev)
c48



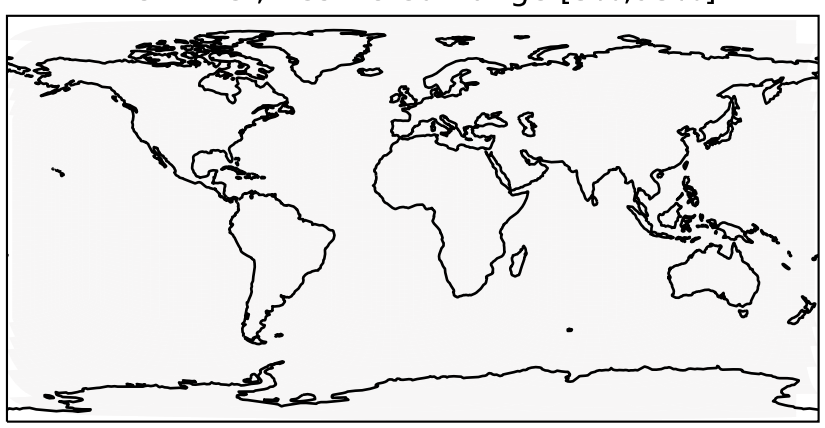


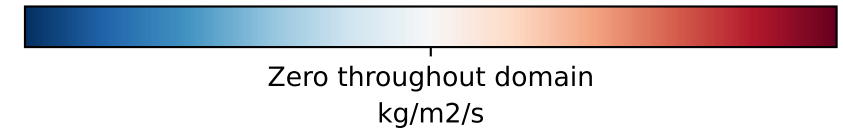
Difference
Dev - Ref, Dynamic Range



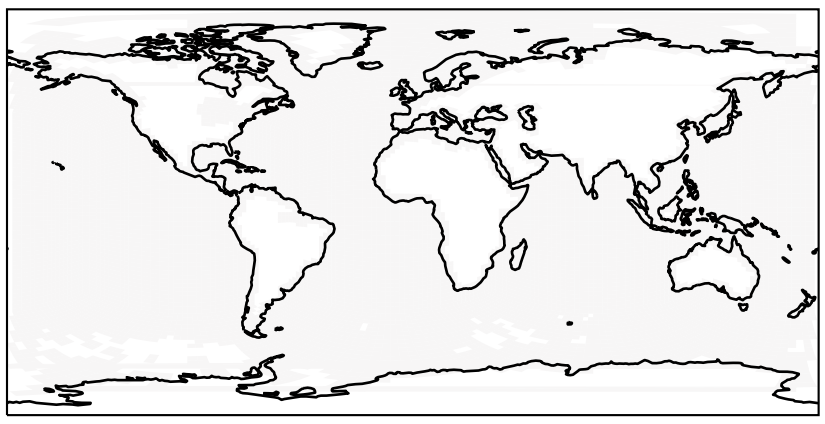


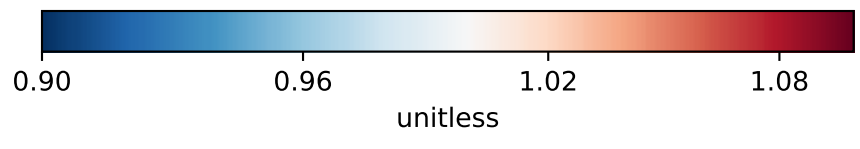
Difference
Dev - Ref, Restricted Range [5%,95%]





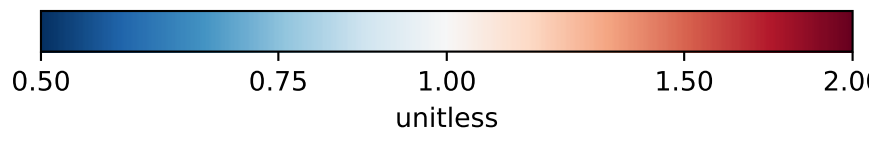
Ratio
Dev/Ref, Dynamic Range





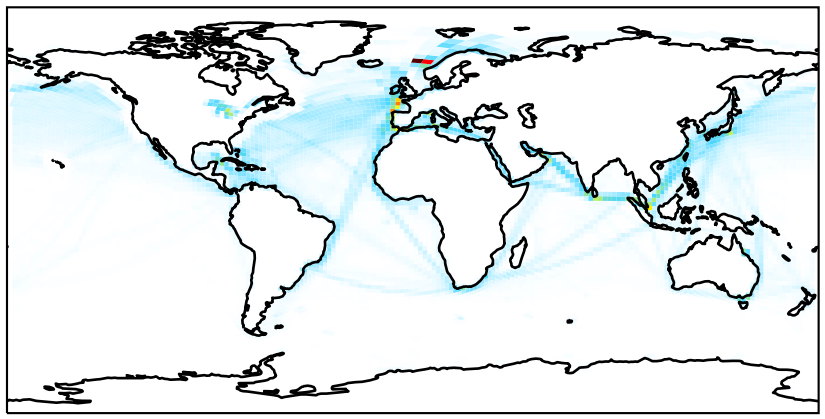
Ratio
Dev/Ref, Fixed Range

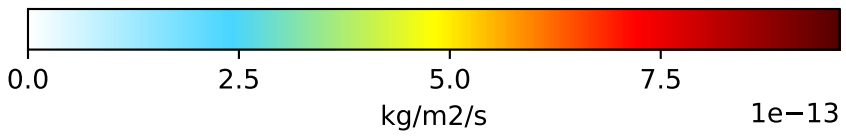




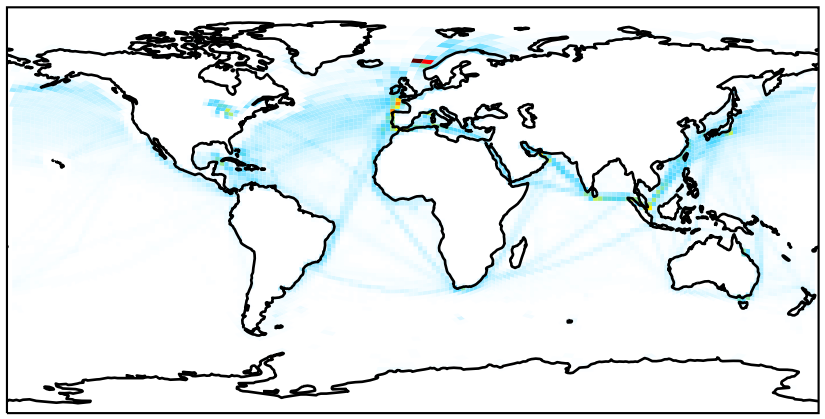
EmisSO4_Ship (Jan2019)

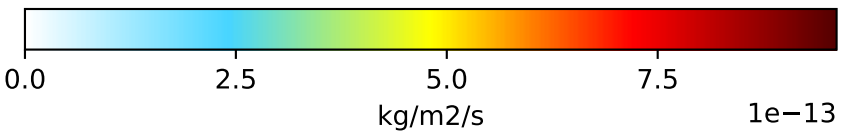
GCHP_13.2.0 (Ref)
c48



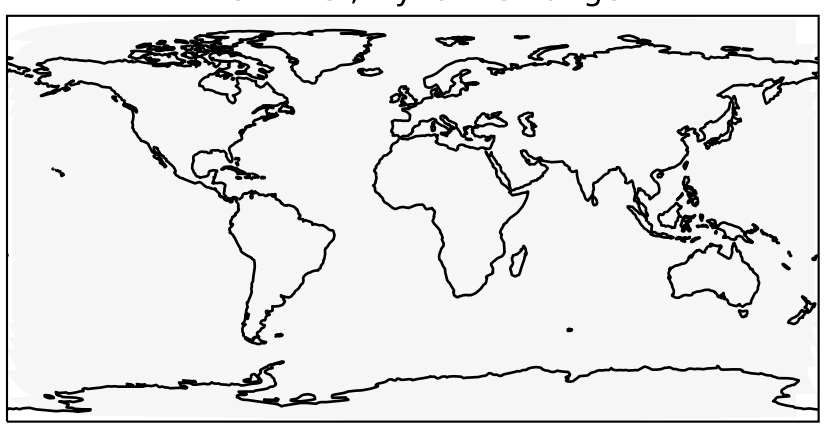


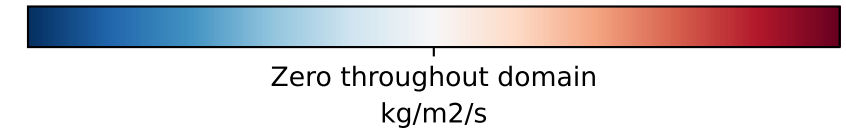
GCHP_13.2.0-LuoWetdep (Dev)
c48



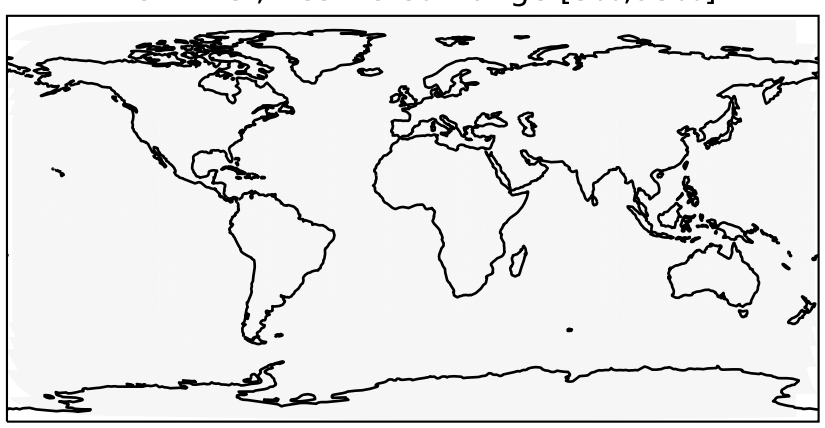


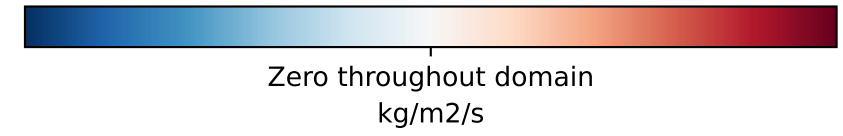
Difference
Dev - Ref, Dynamic Range



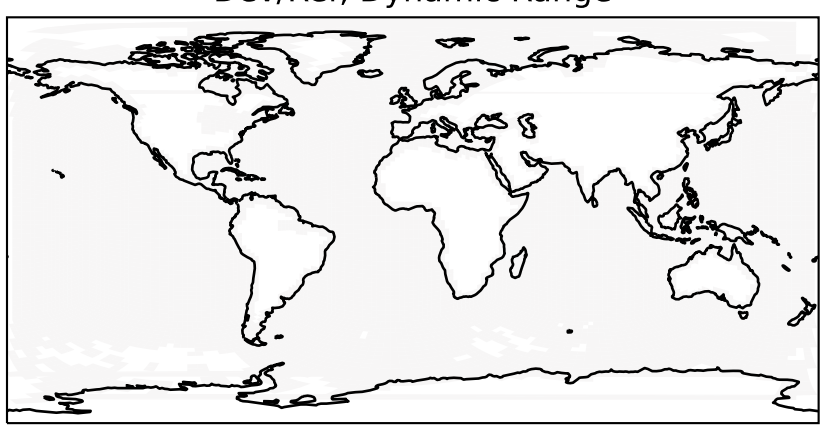


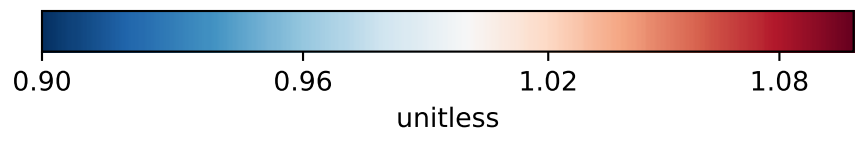
Difference
Dev - Ref, Restricted Range [5%,95%]



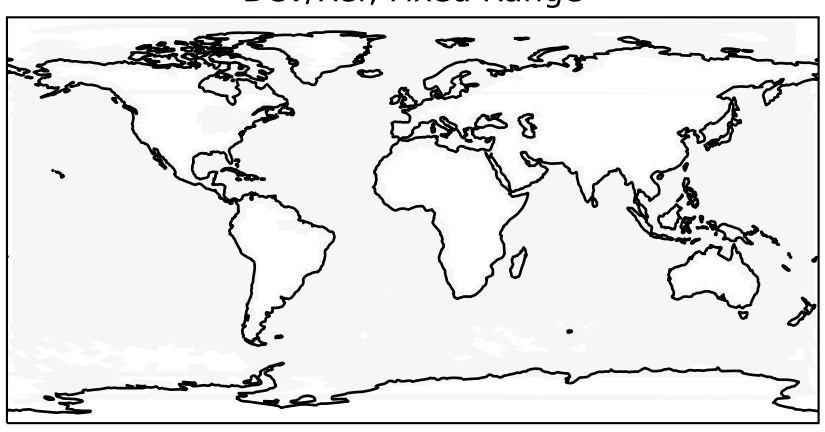


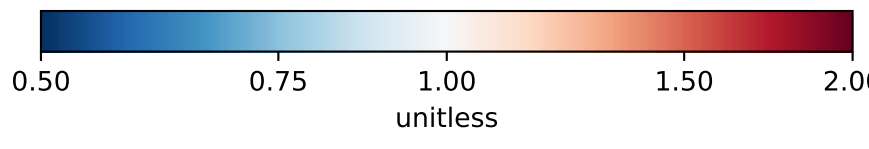
Ratio
Dev/Ref, Dynamic Range





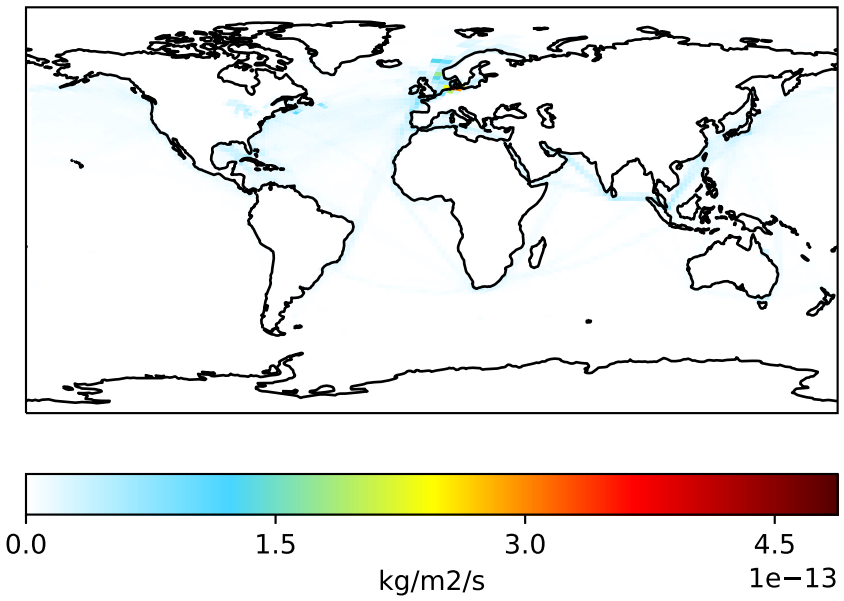
Ratio
Dev/Ref, Fixed Range



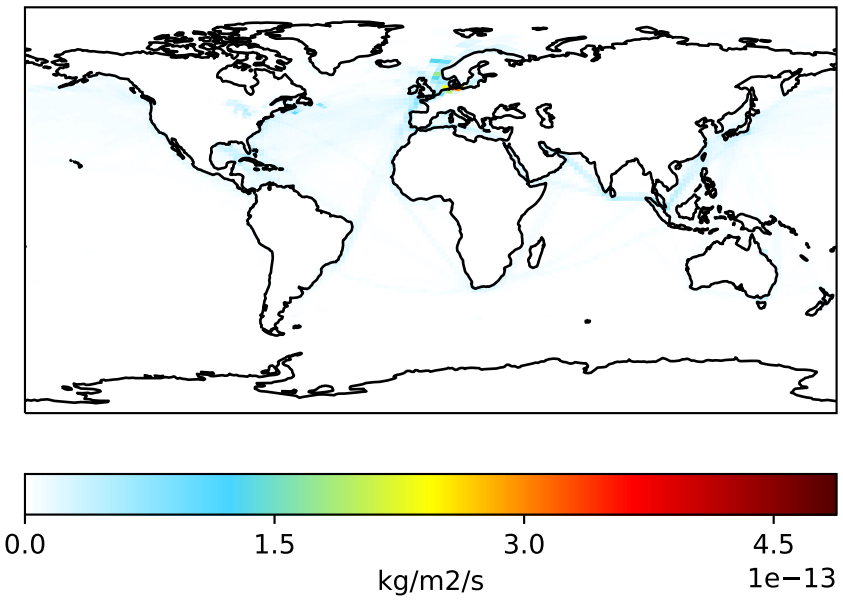


EmisSOAP_Ship (Jan2019)

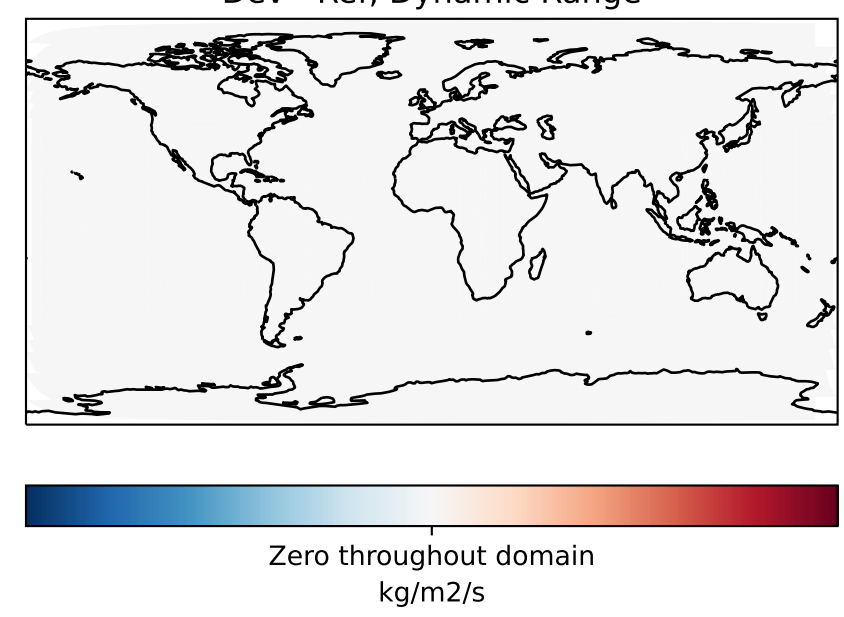
GCHP_13.2.0 (Ref)
c48



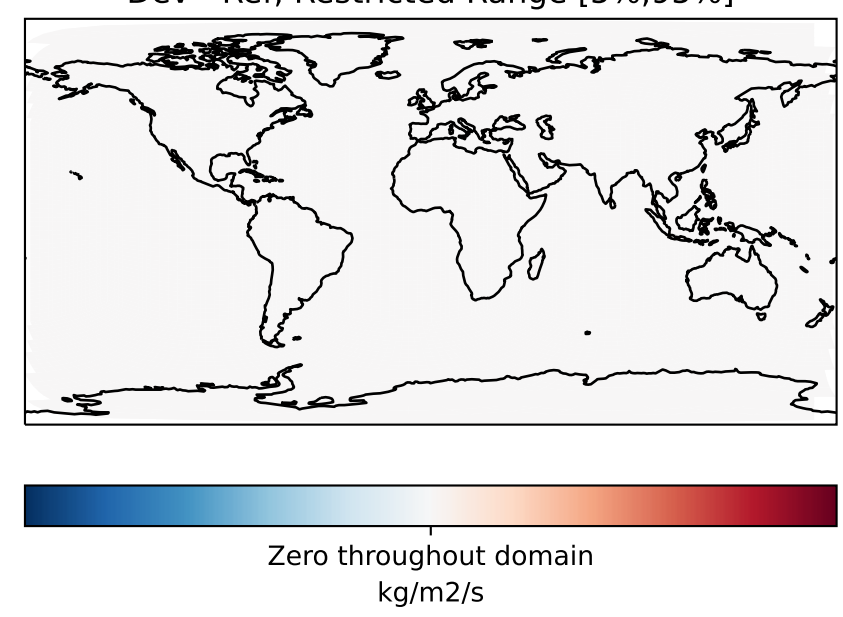
GCHP_13.2.0-LuoWetdep (Dev)
c48



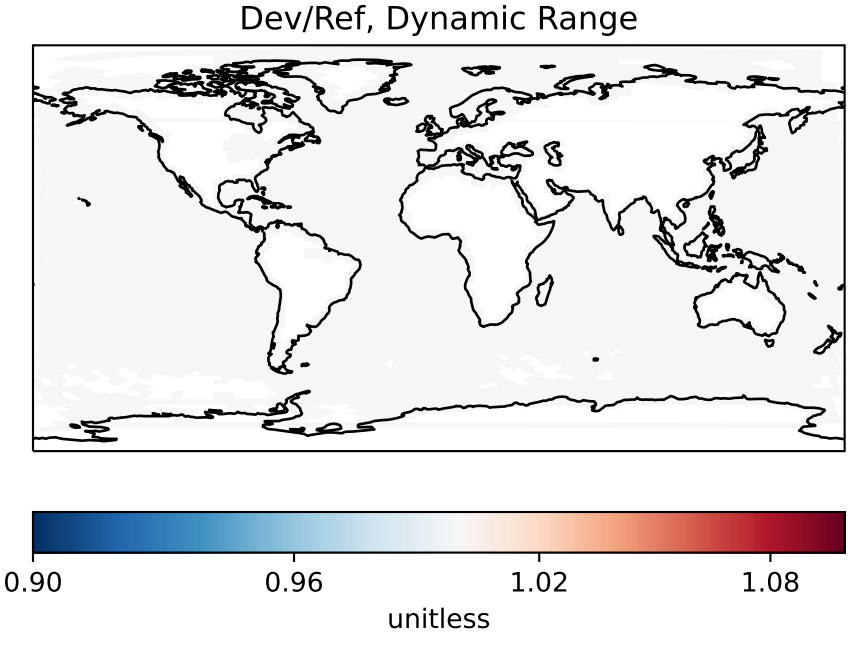
Difference
Dev - Ref, Dynamic Range



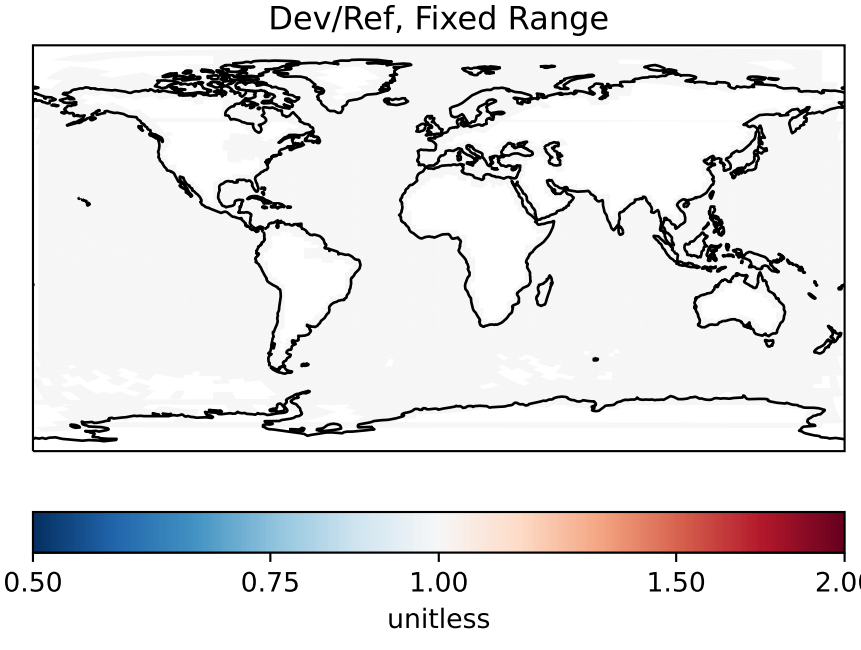
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

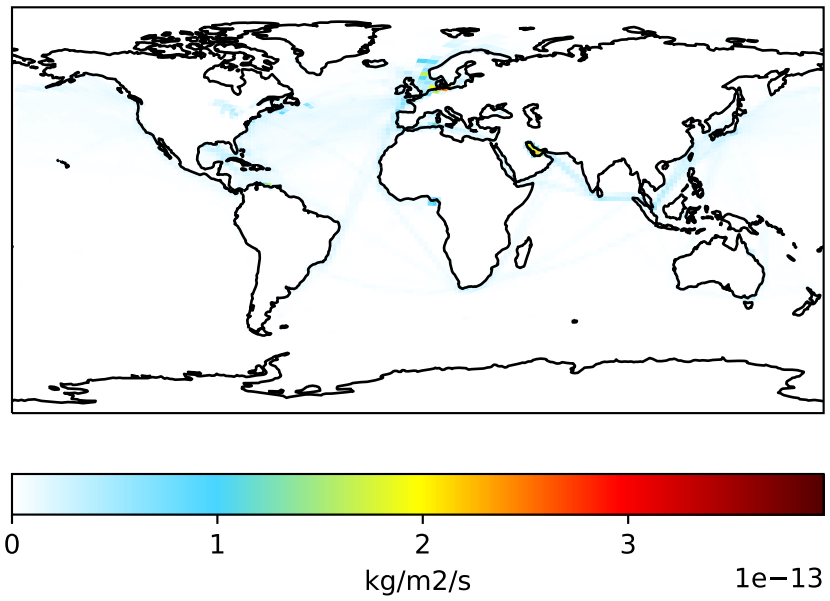


Ratio
Dev/Ref, Fixed Range

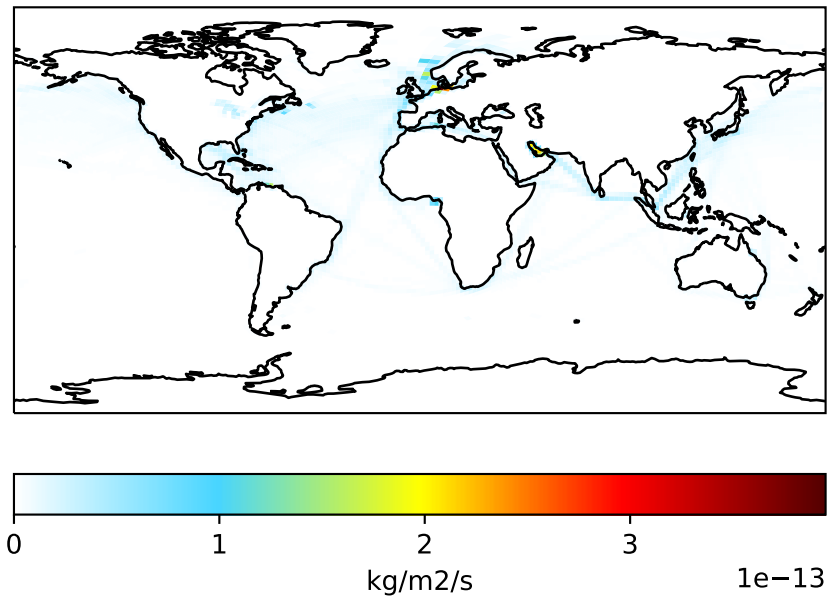


EmisTOLU_Ship (Jan2019)

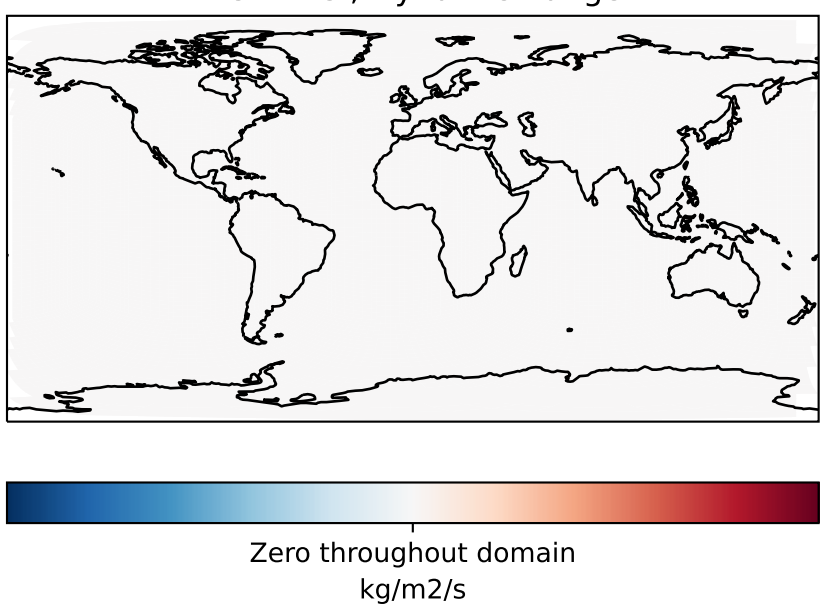
GCHP_13.2.0 (Ref)
c48



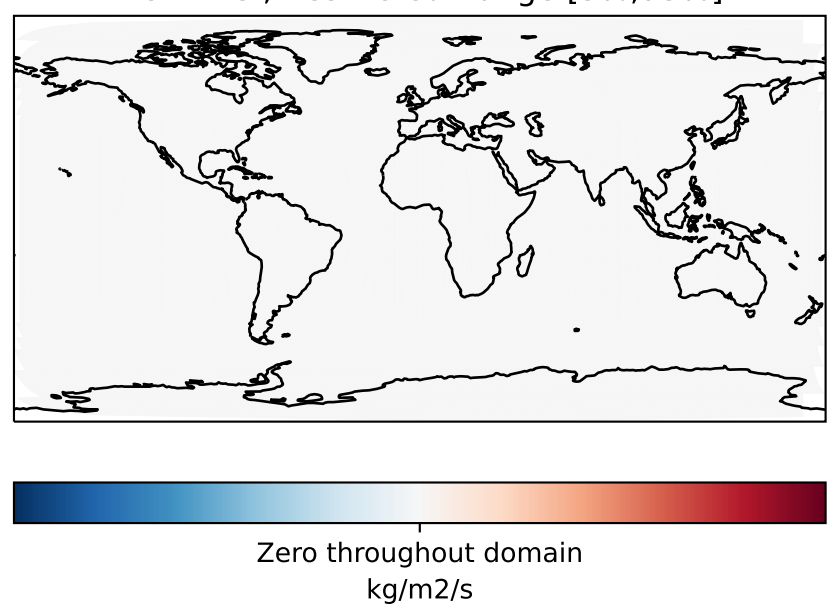
GCHP_13.2.0-LuoWetdep (Dev)
c48



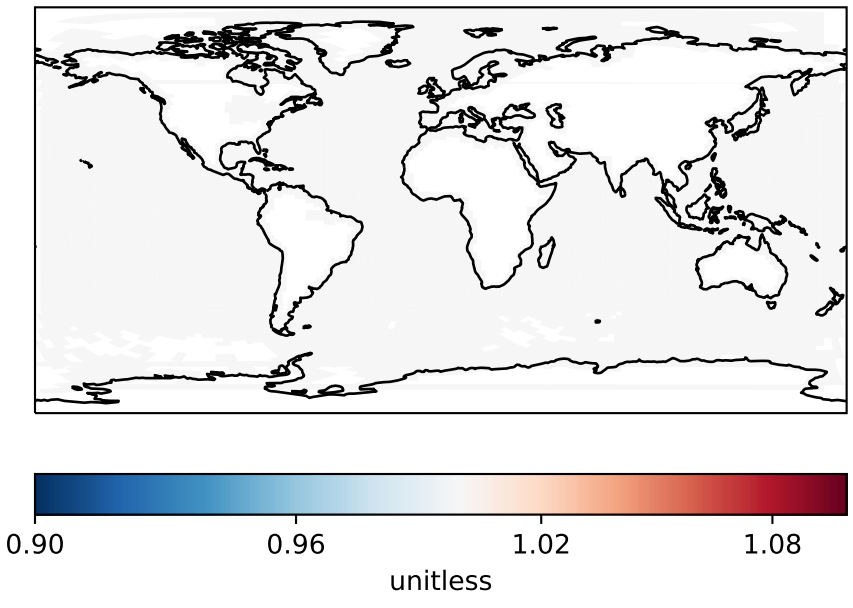
Difference
Dev - Ref, Dynamic Range



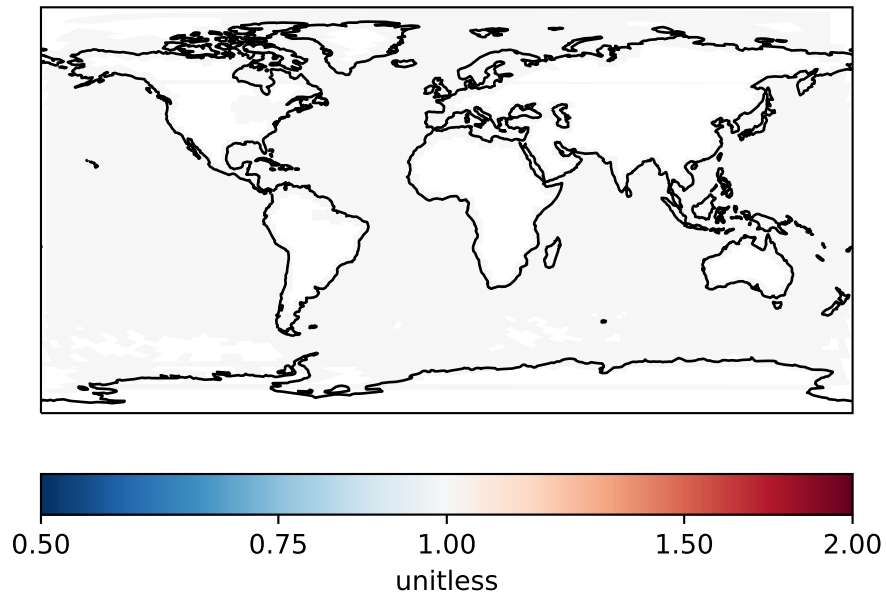
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

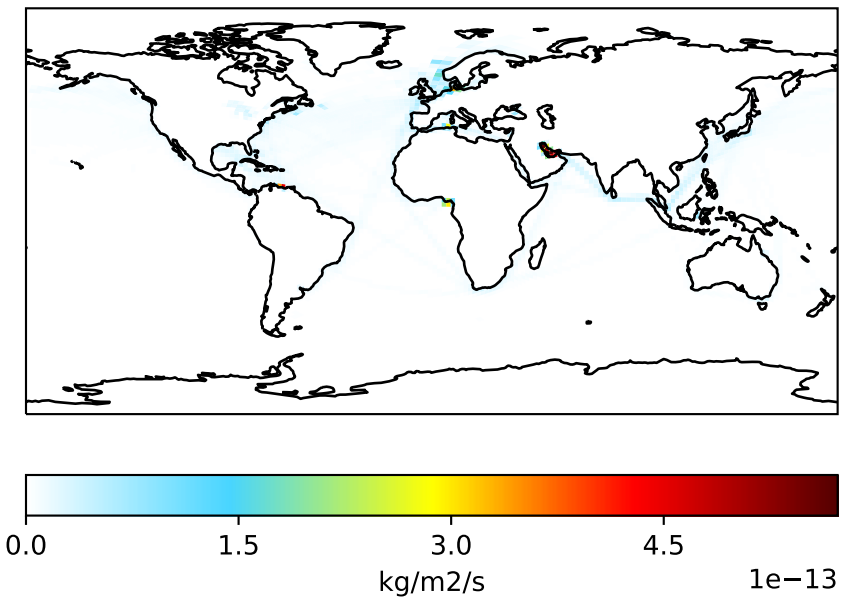


Ratio
Dev/Ref, Fixed Range

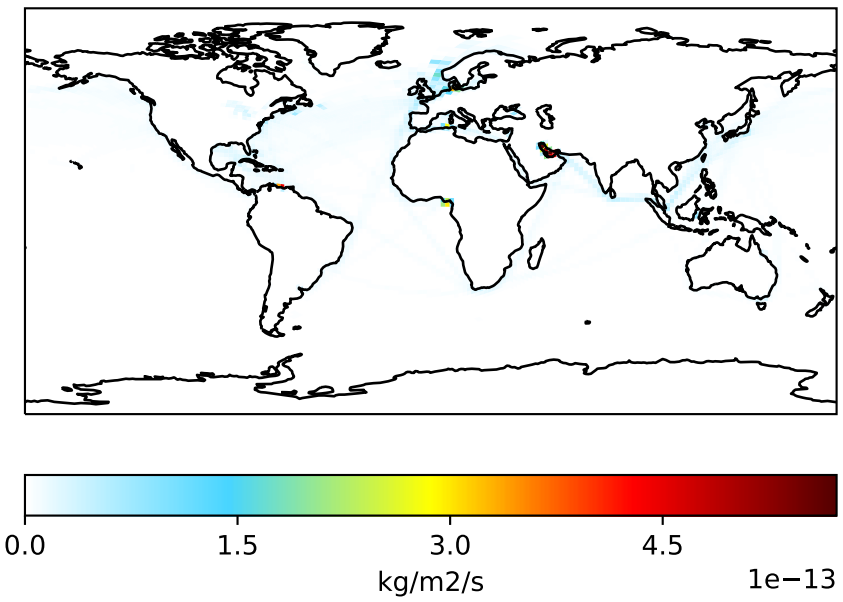


EmisXYLE_Ship (Jan2019)

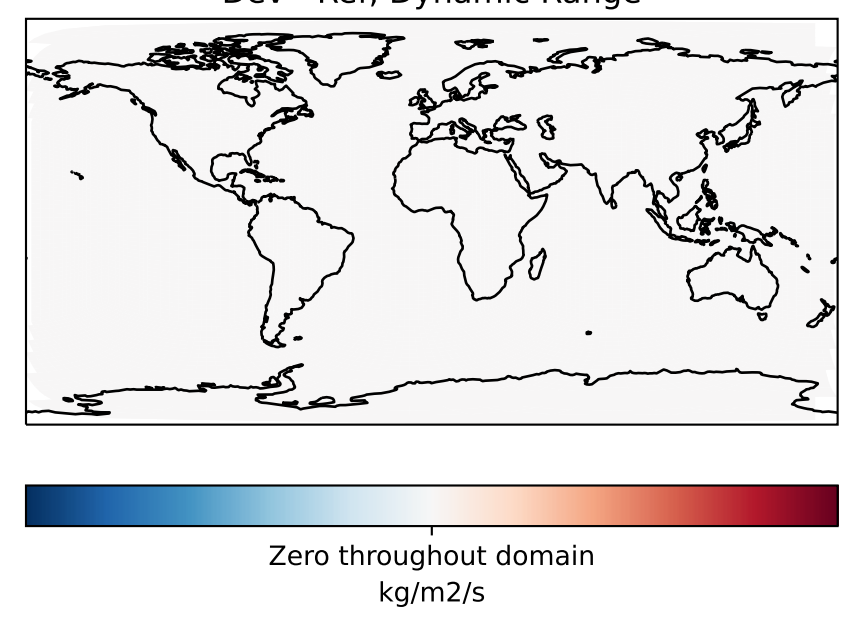
GCHP_13.2.0 (Ref)
c48



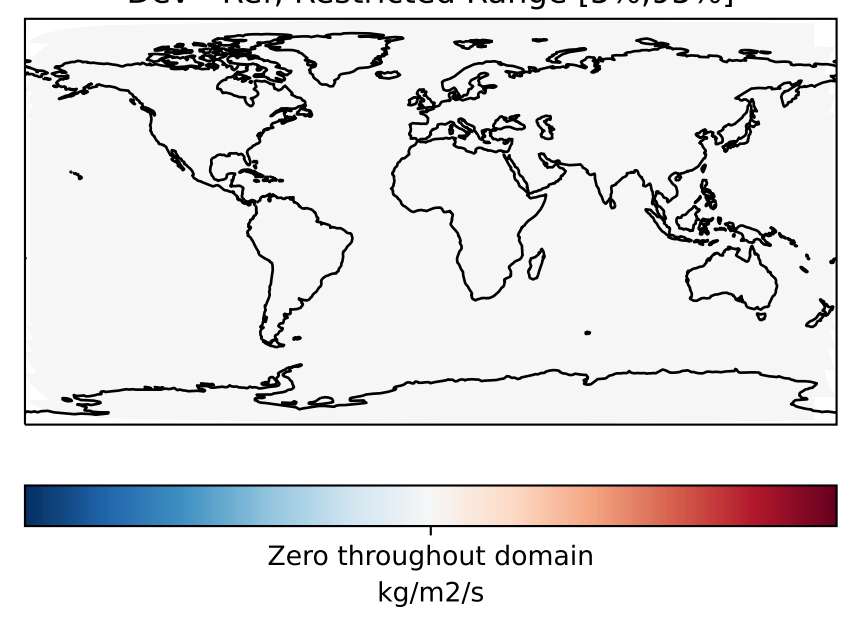
GCHP_13.2.0-LuoWetdep (Dev)
c48



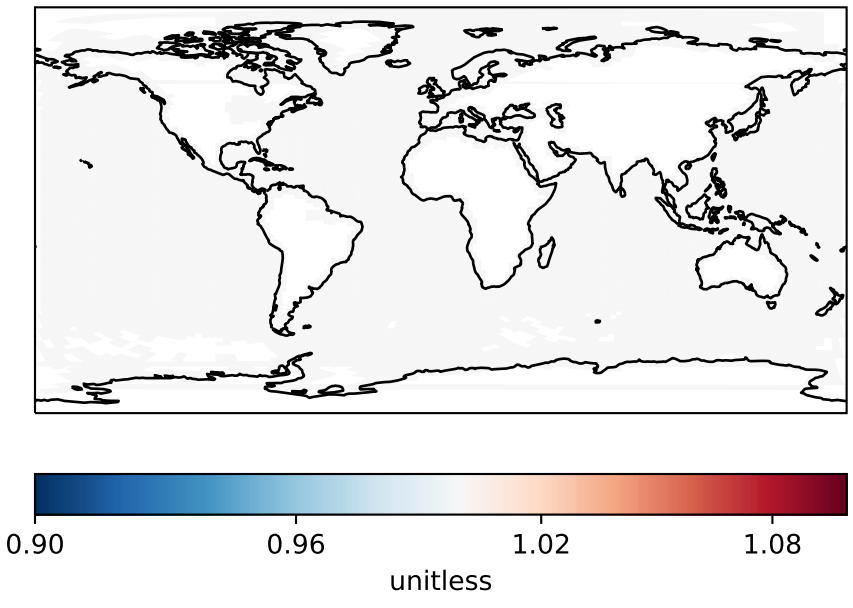
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

