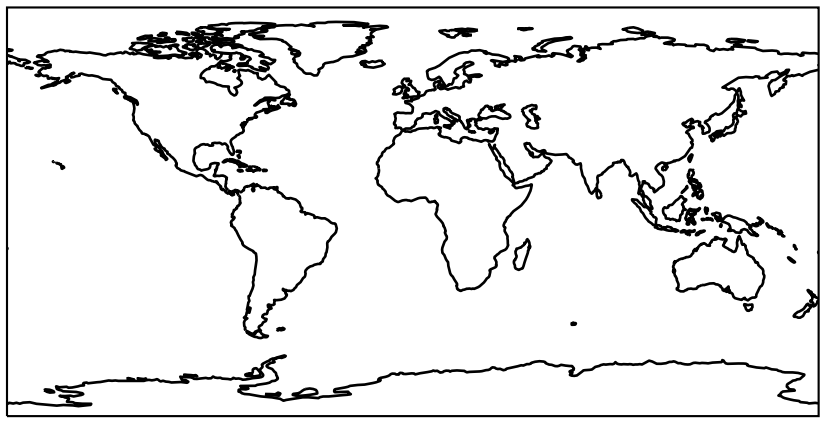
EmisACET_Anthro

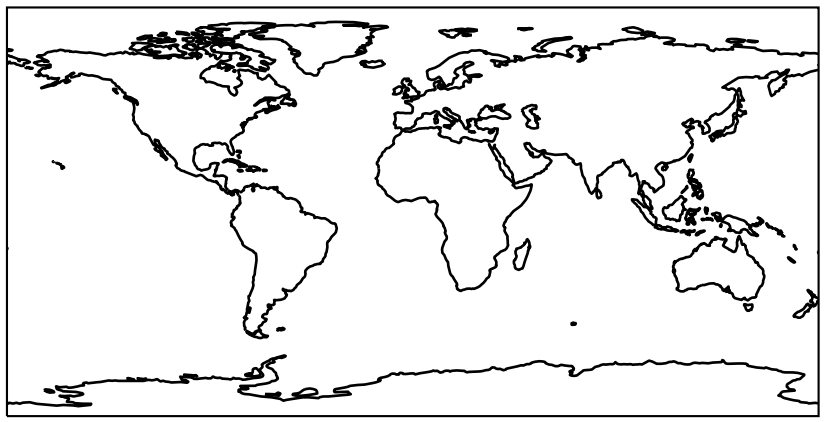
GCC_13.2.0-beta.0 (Ref)
4.0x5.0





Zero throughout domain
kg/m2/s

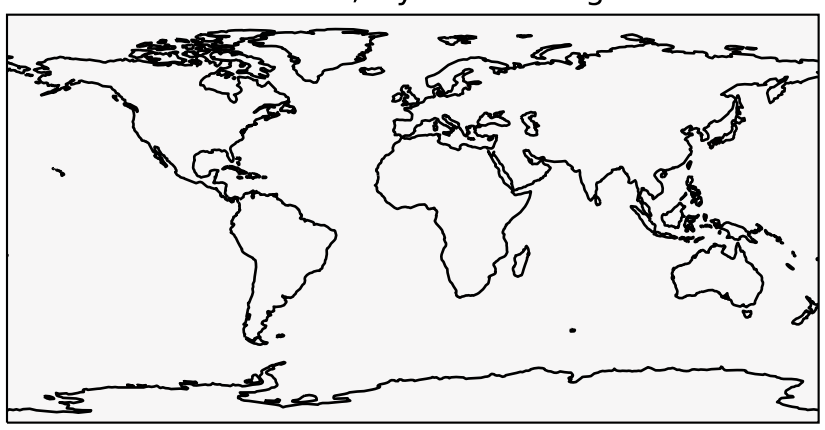
GCHP_13.2.0-beta.0 (Dev)
c48





Zero throughout domain
kg/m2/s

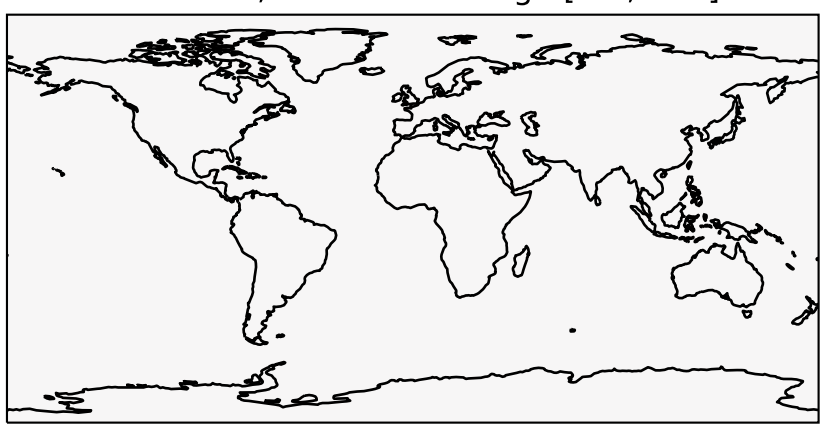
Difference (1x1.25)
Dev - Ref, Dynamic Range





Zero throughout domain
kg/m2/s

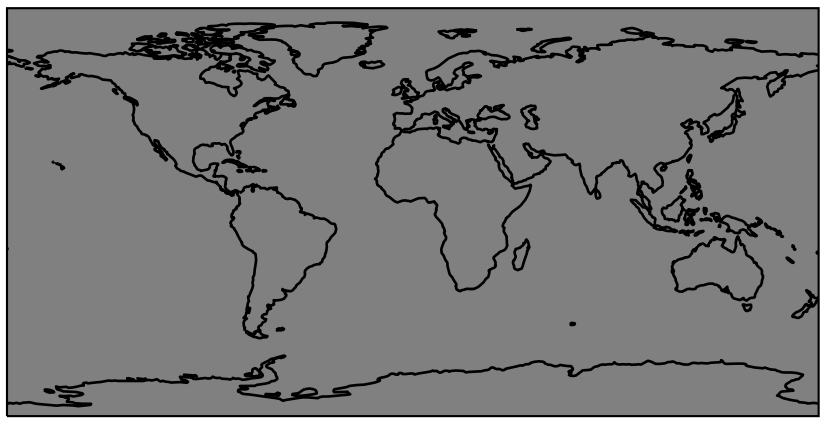
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]





Zero throughout domain
kg/m2/s

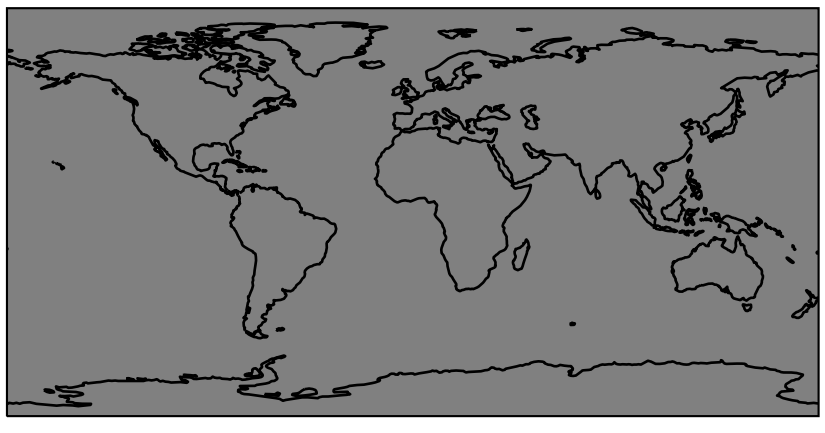
Ratio (1x1.25)
Dev/Ref, Dynamic Range





Undefined throughout domain
unitless

Ratio (1x1.25)
Dev/Ref, Fixed Range

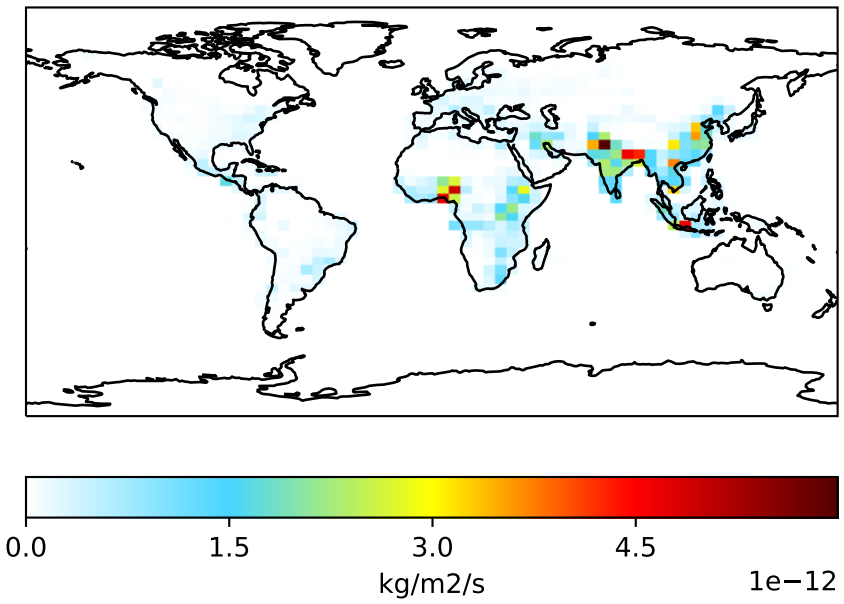




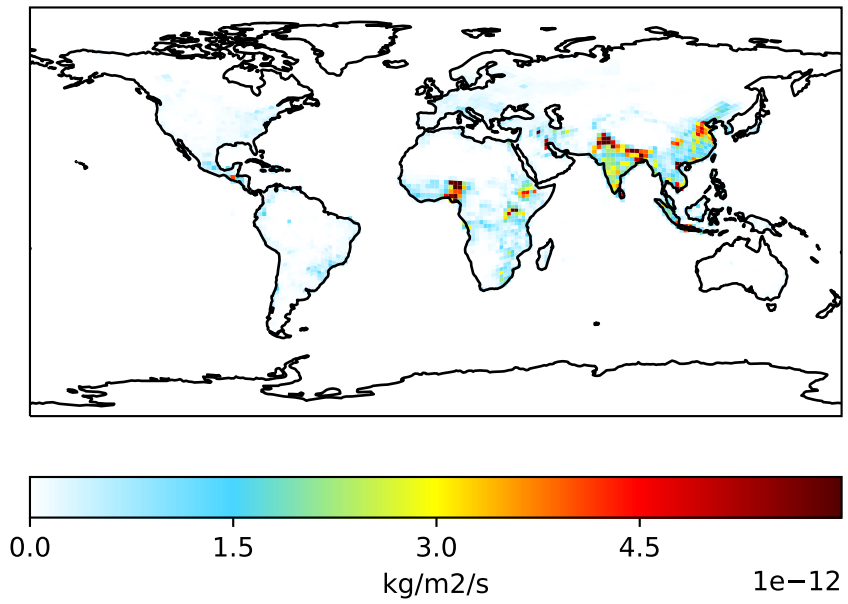
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unitless

EmisALD2_Anthro

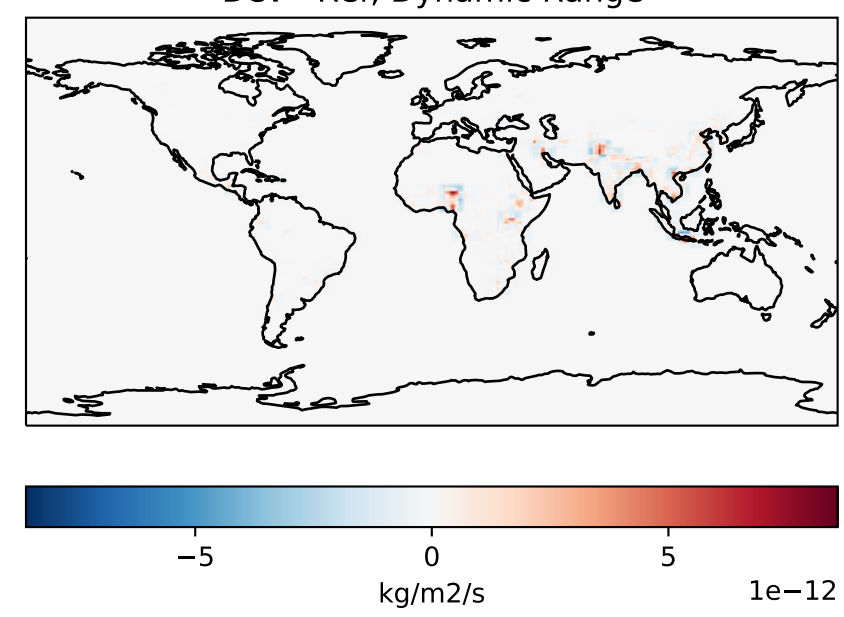
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



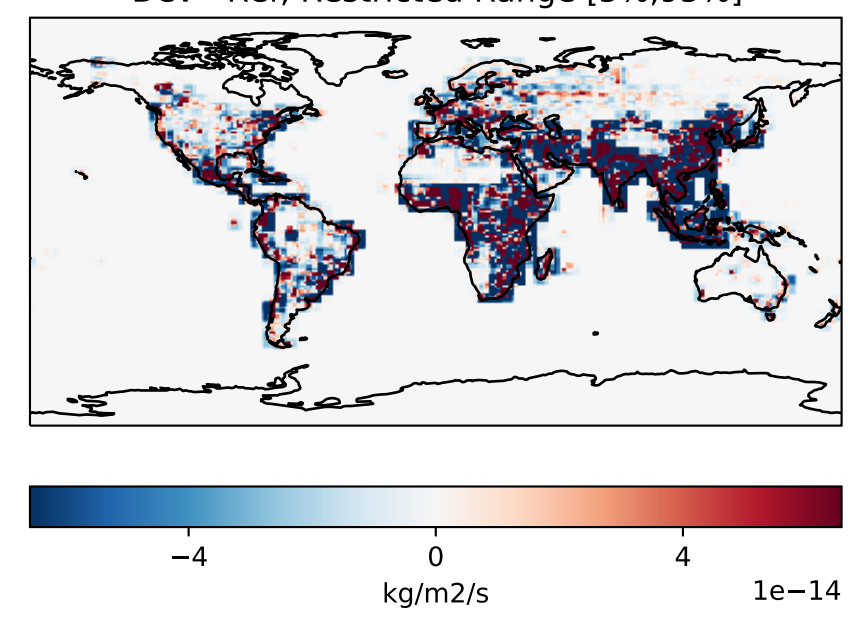
GCHP_13.2.0-beta.0 (Dev)
c48



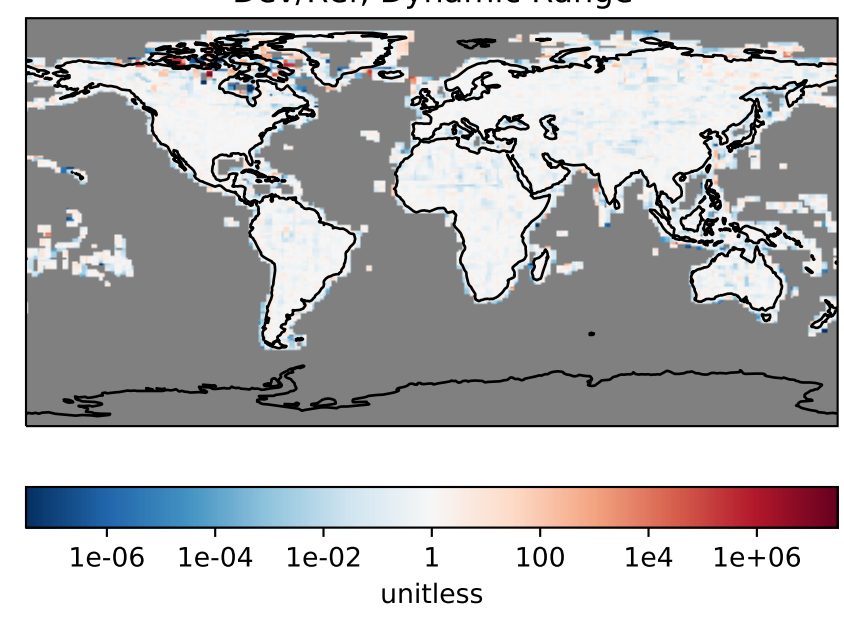
Difference (1x1.25)
Dev - Ref, Dynamic Range



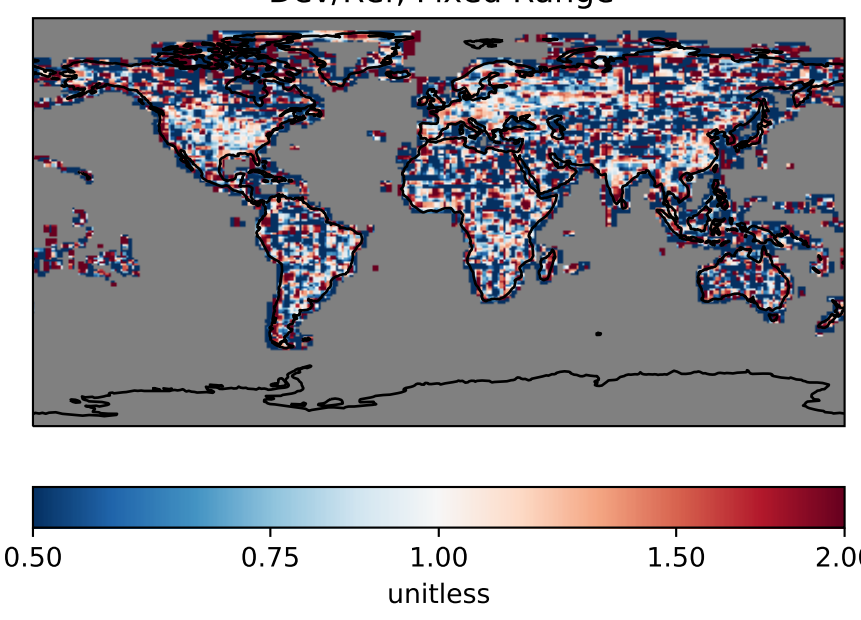
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

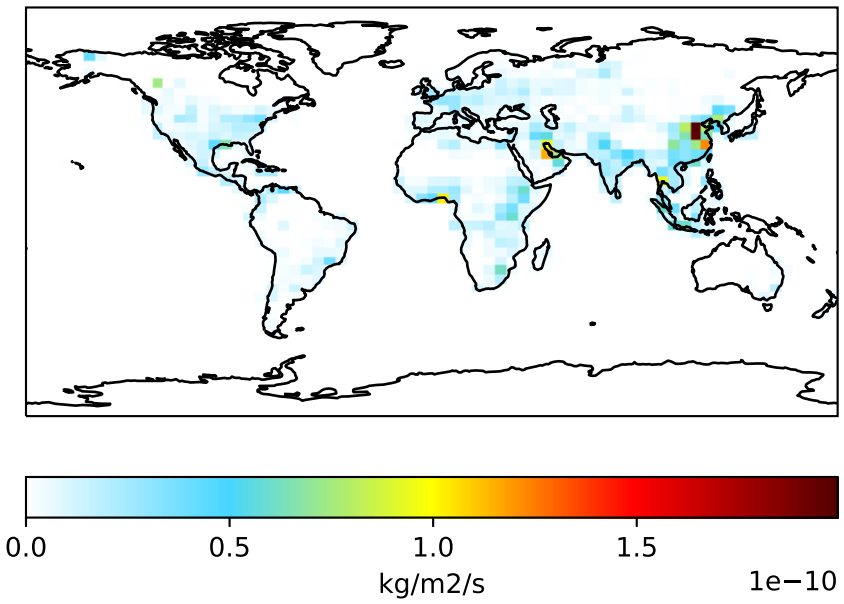


Ratio (1x1.25)
Dev/Ref, Fixed Range

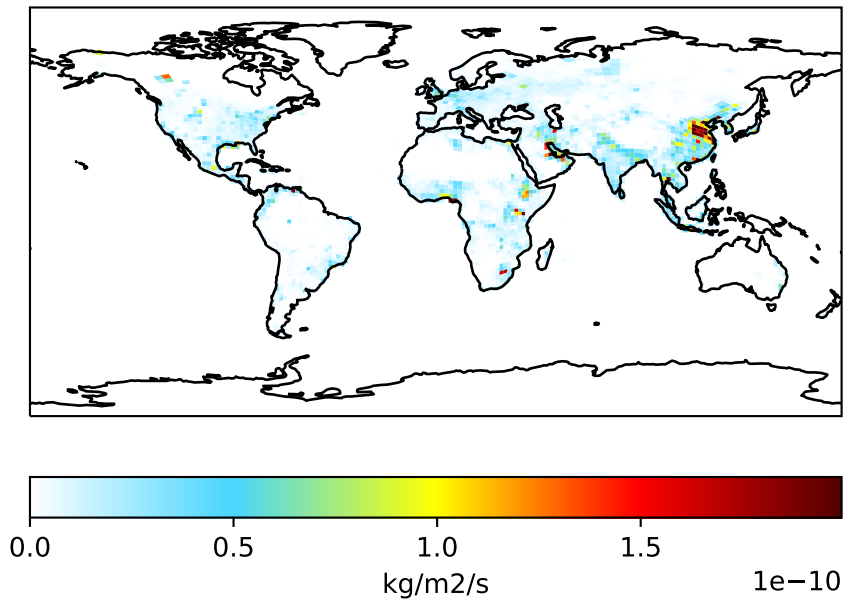


EmisALK4_Anthro

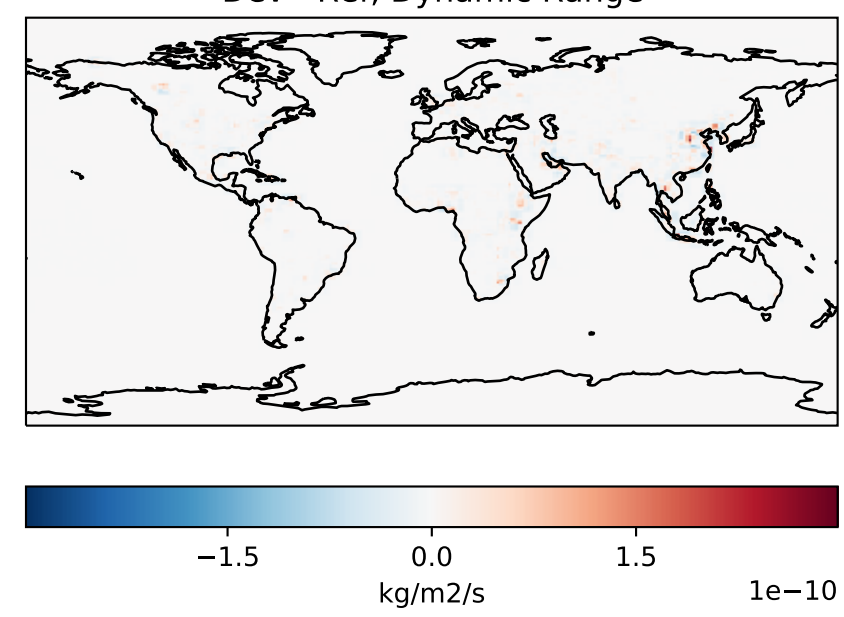
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



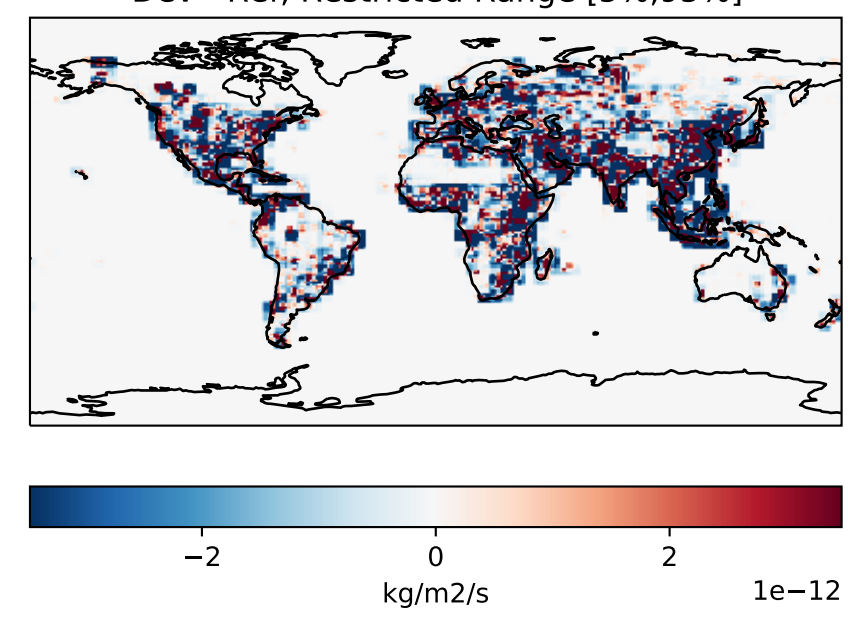
GCHP_13.2.0-beta.0 (Dev)
c48



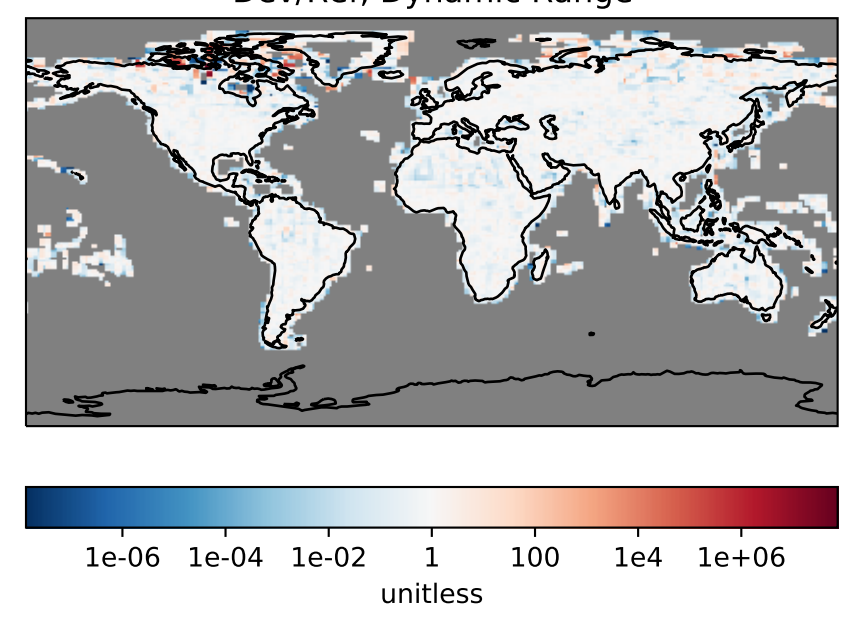
Difference (1x1.25)
Dev - Ref, Dynamic Range



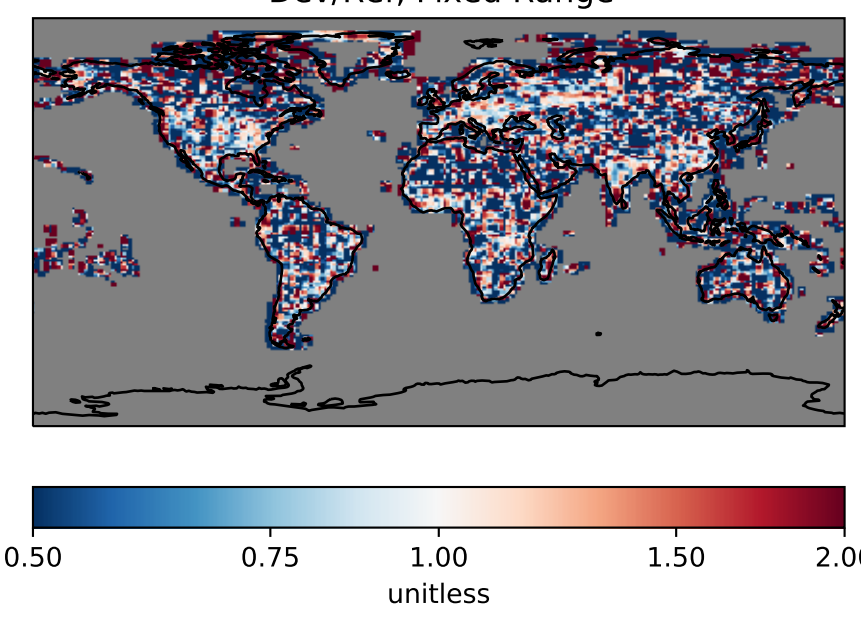
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

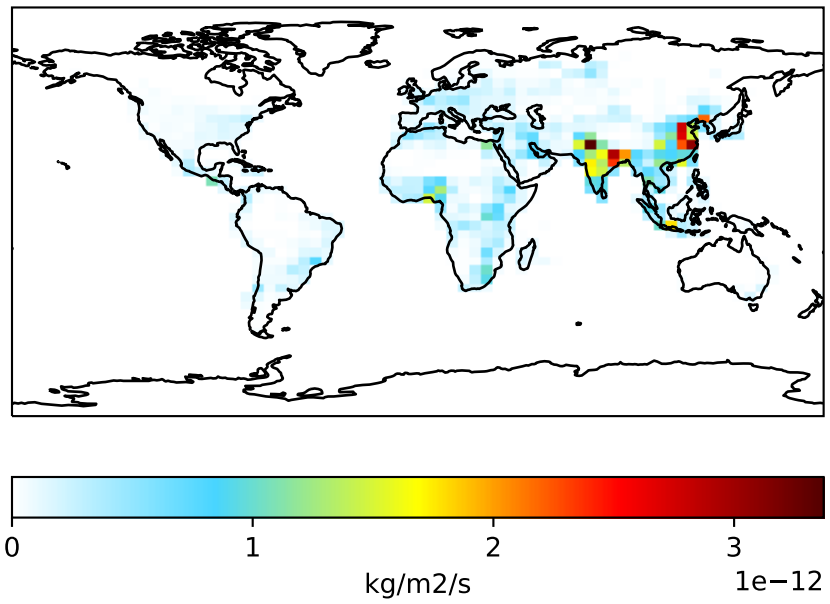


Ratio (1x1.25)
Dev/Ref, Fixed Range

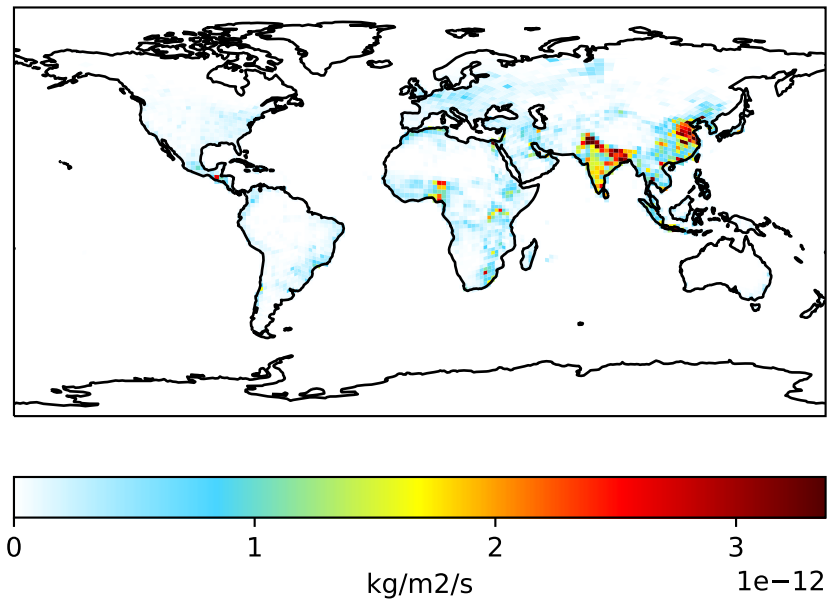


EmisBCPI_Anthro

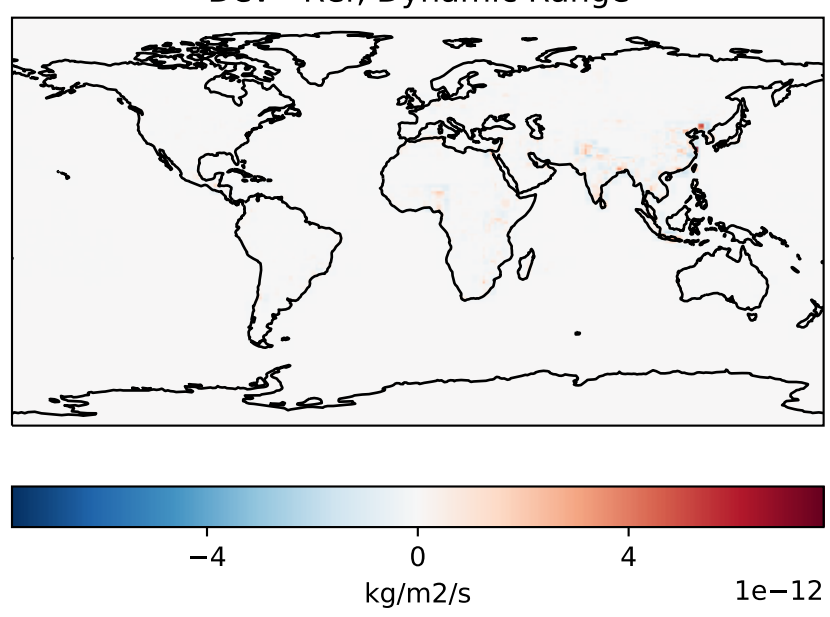
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



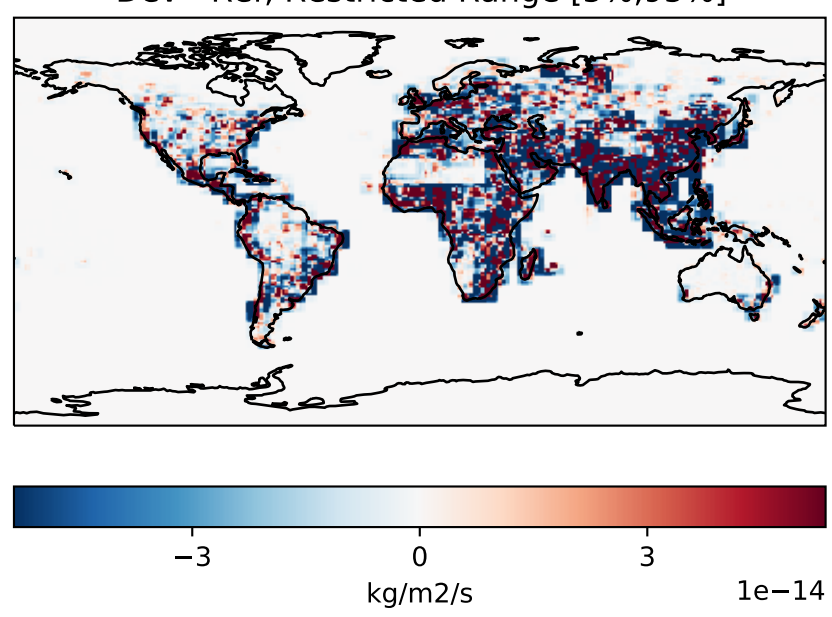
GCHP_13.2.0-beta.0 (Dev)
c48



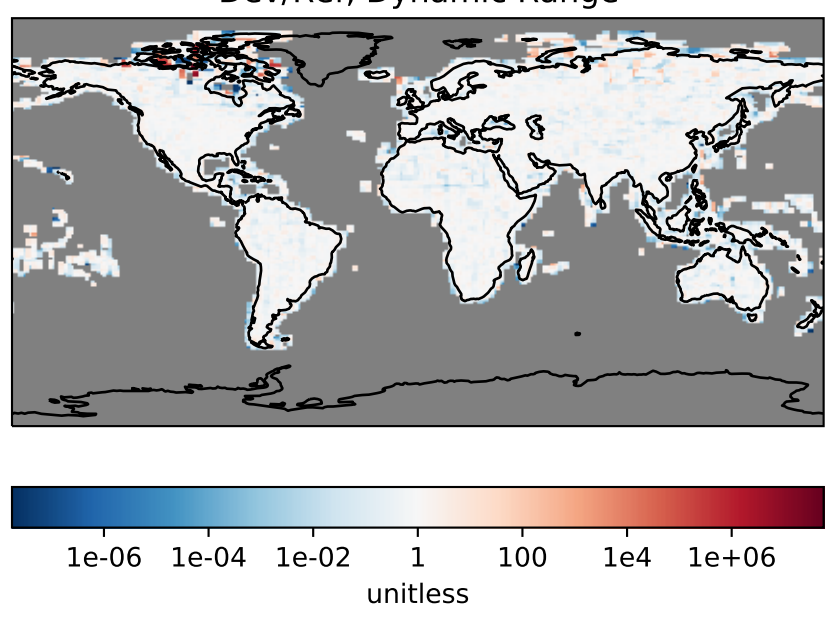
Difference (1x1.25)
Dev - Ref, Dynamic Range



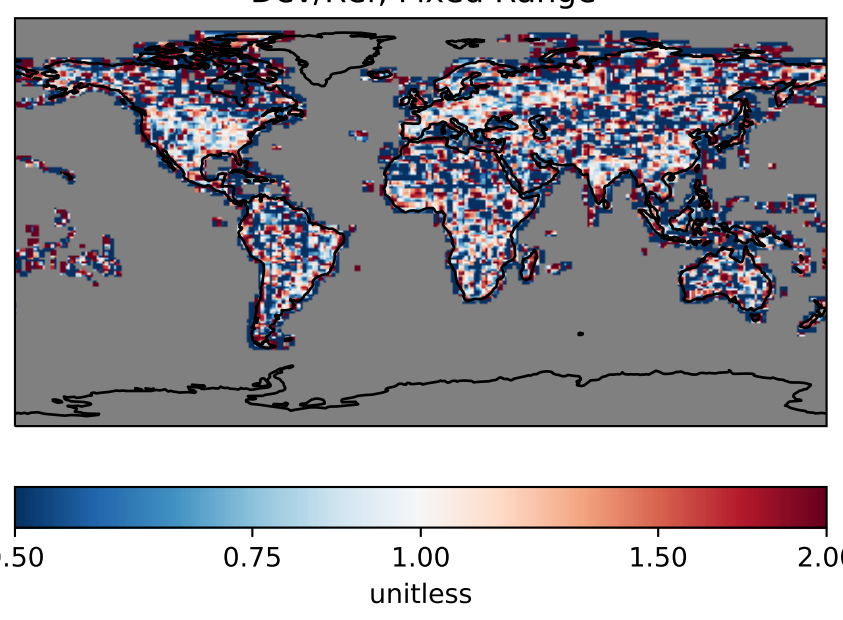
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

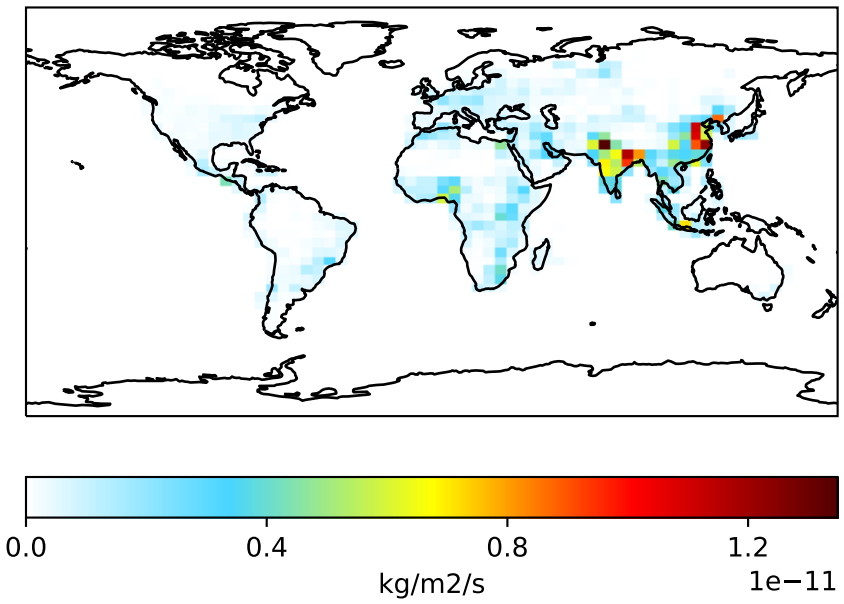


Ratio (1x1.25)
Dev/Ref, Fixed Range

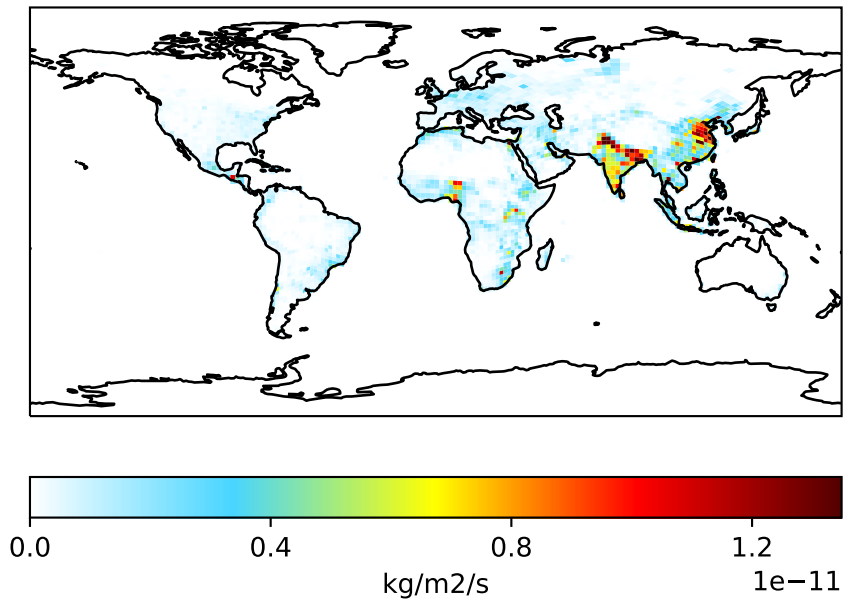


EmisBCPO_Anthro

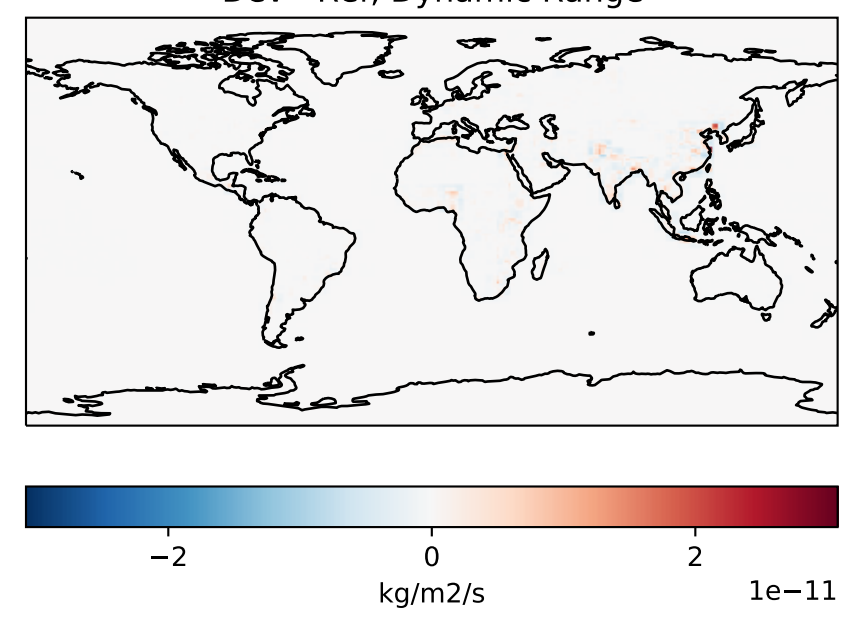
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



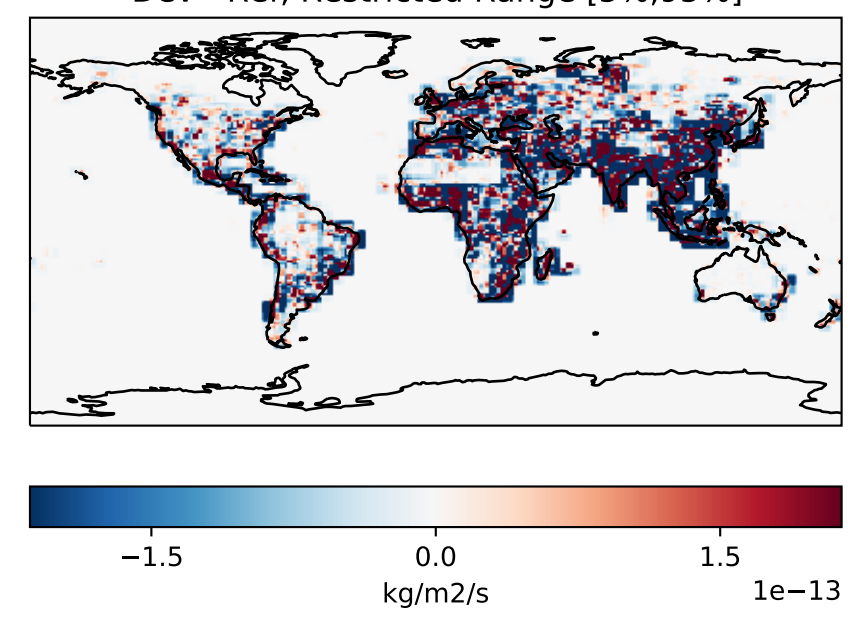
GCHP_13.2.0-beta.0 (Dev)
c48



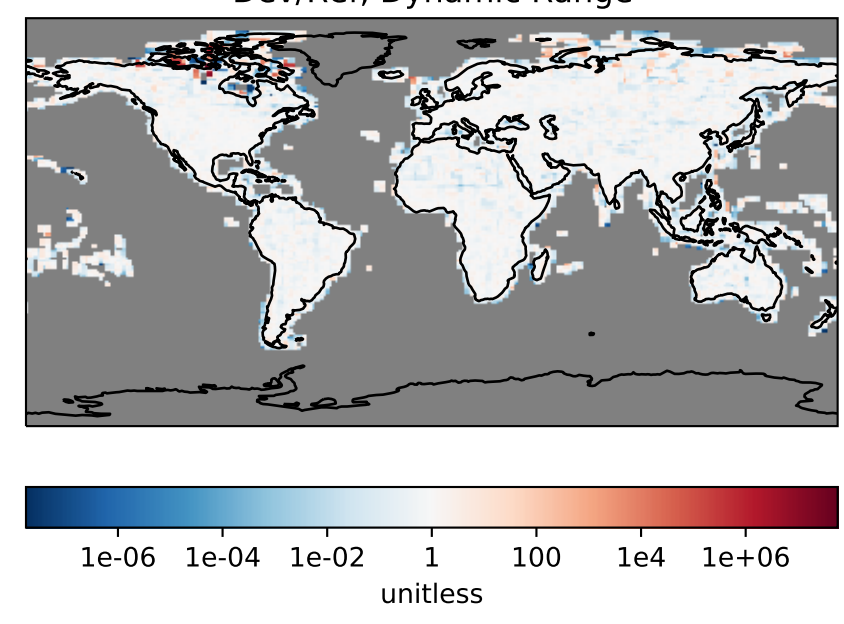
Difference (1x1.25)
Dev - Ref, Dynamic Range



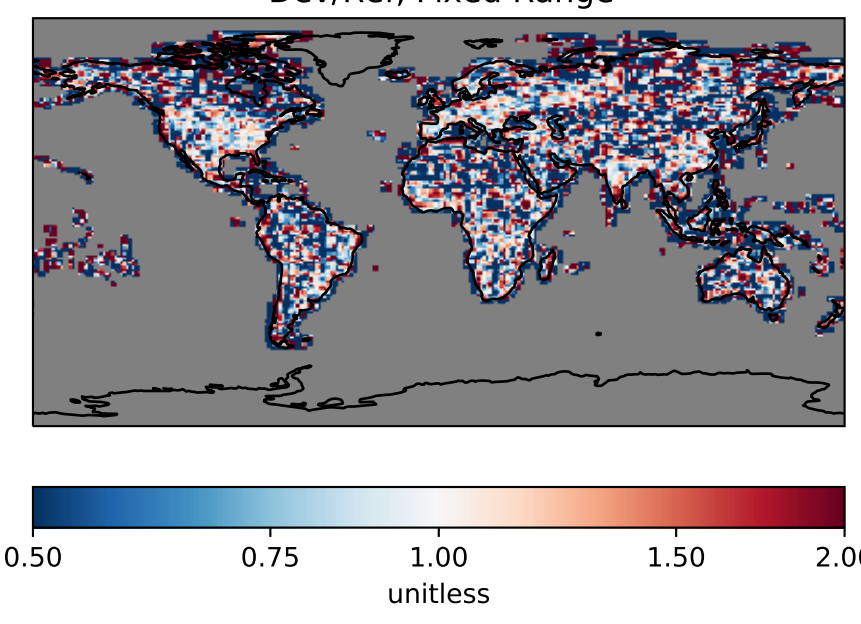
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

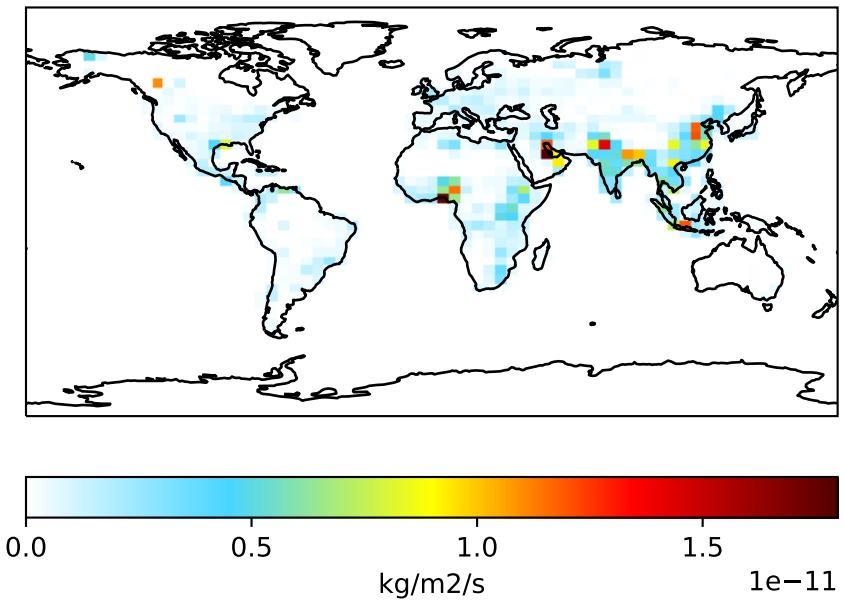


Ratio (1x1.25)
Dev/Ref, Fixed Range

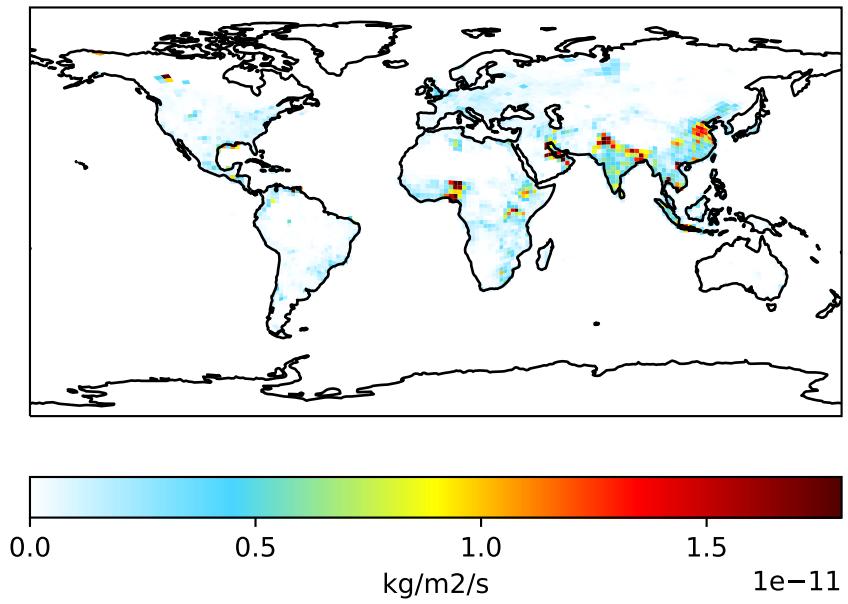


EmisBENZ_Anthro

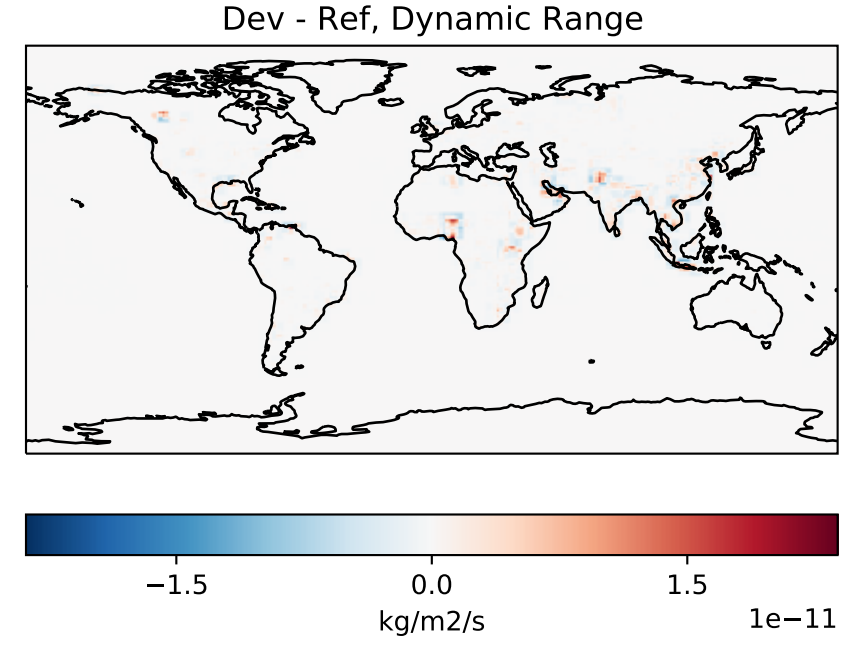
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



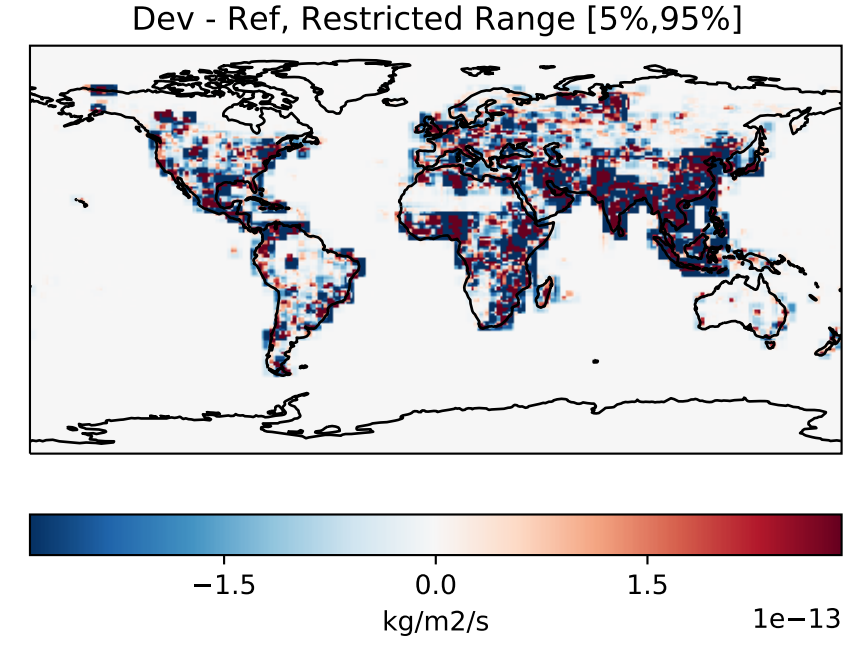
GCHP_13.2.0-beta.0 (Dev)
c48



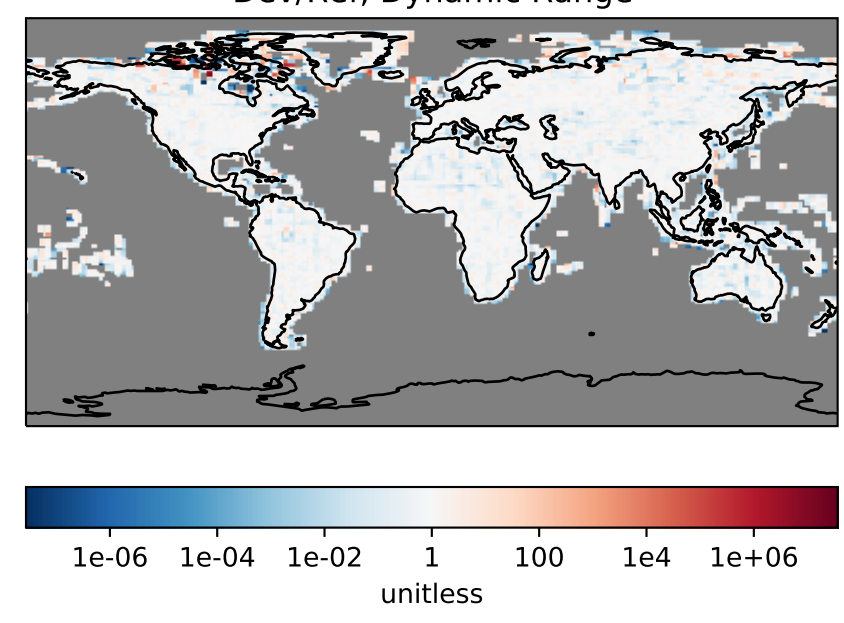
Difference (1x1.25)
Dev - Ref, Dynamic Range



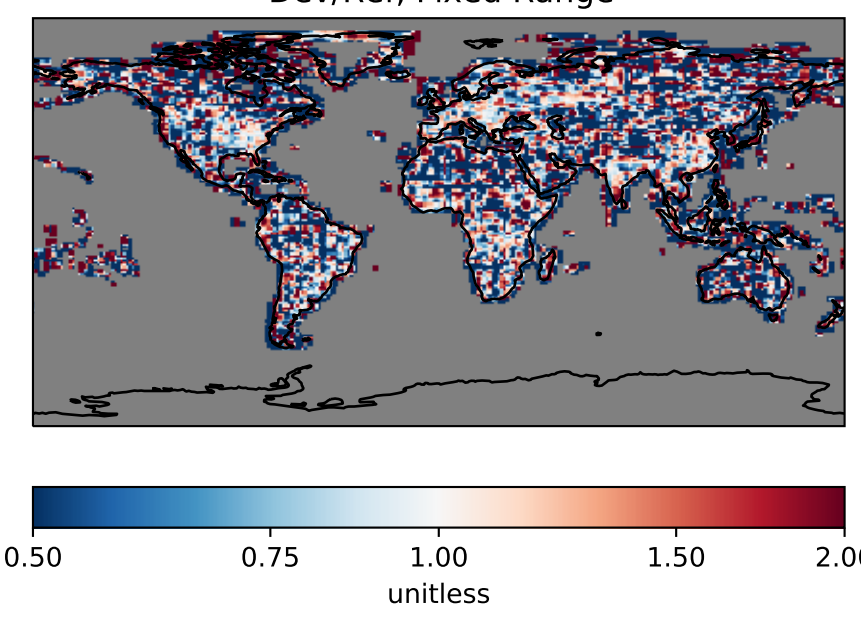
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

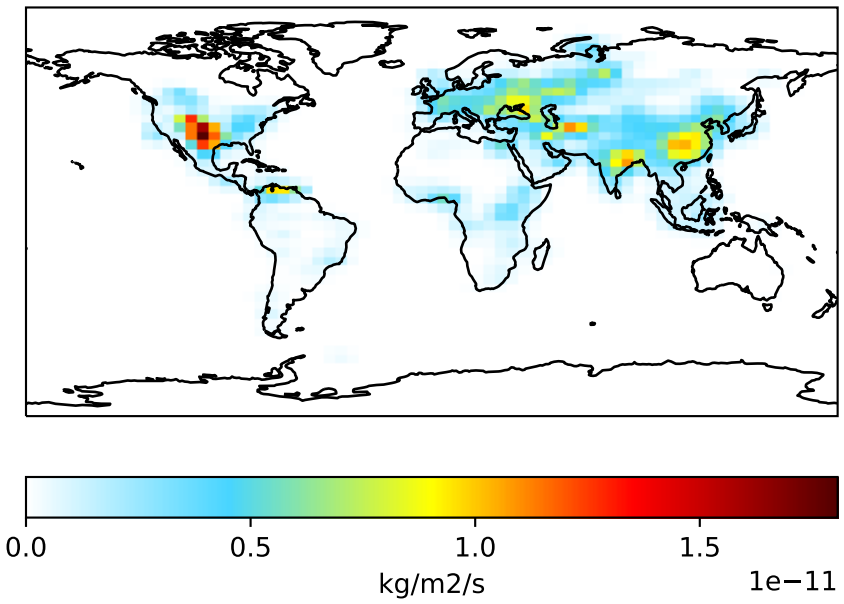


Ratio (1x1.25)
Dev/Ref, Fixed Range

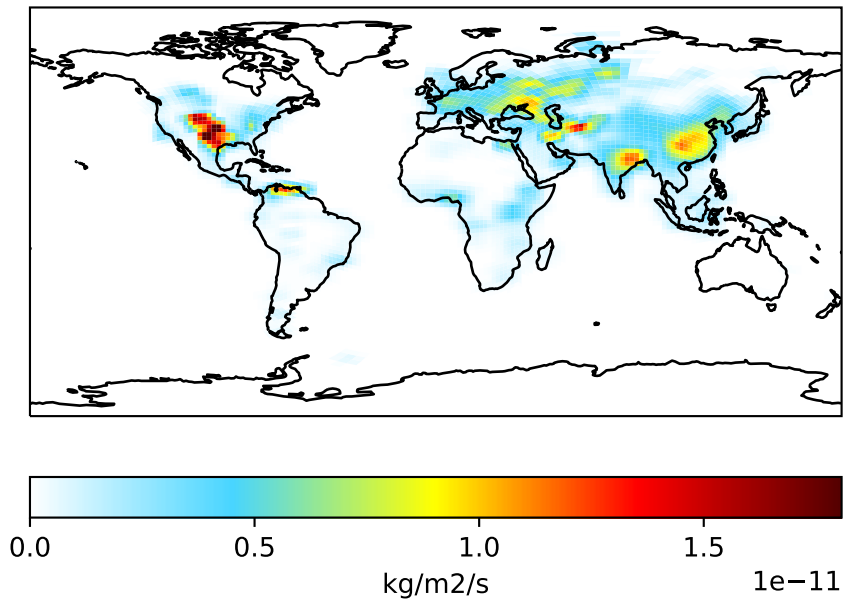


EmisC2H6_Anthro

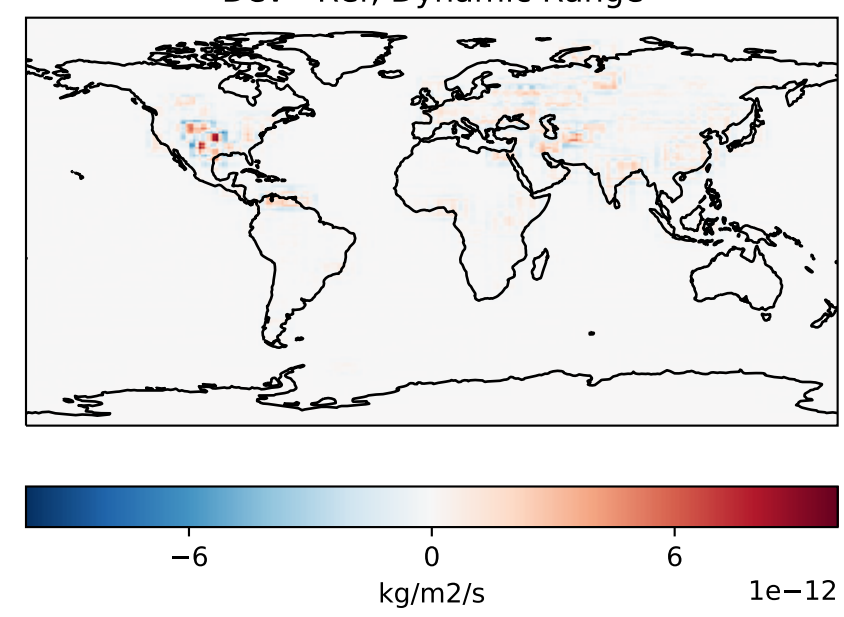
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



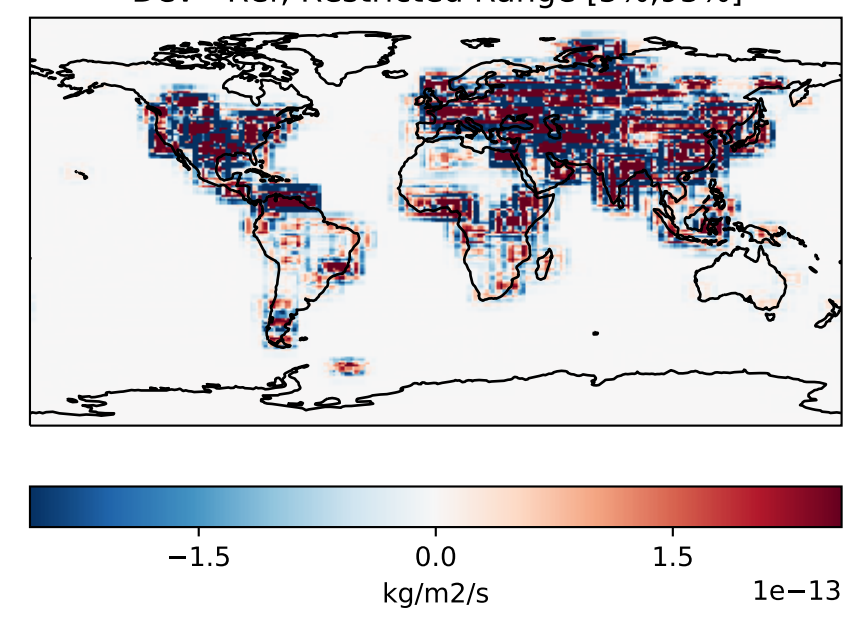
GCHP_13.2.0-beta.0 (Dev)
c48



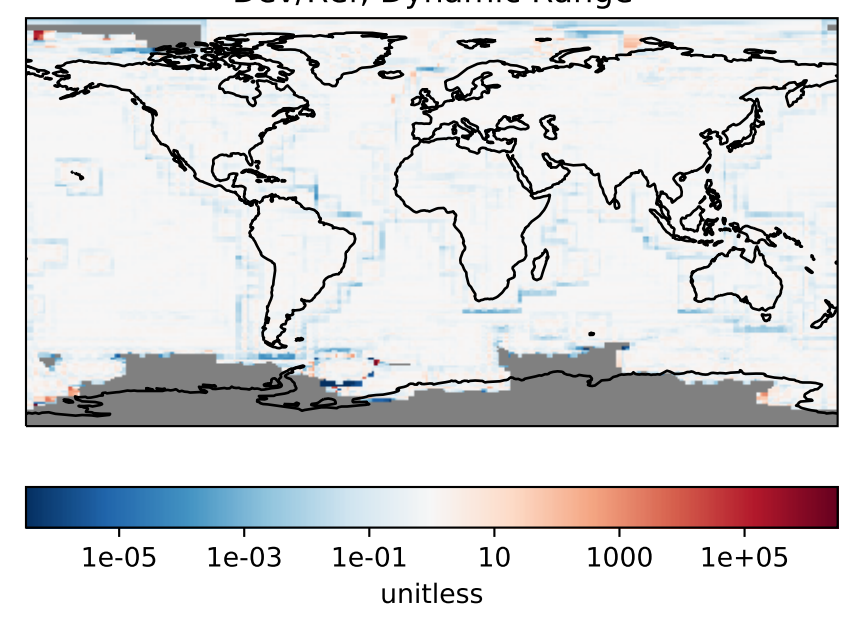
Difference (1x1.25)
Dev - Ref, Dynamic Range



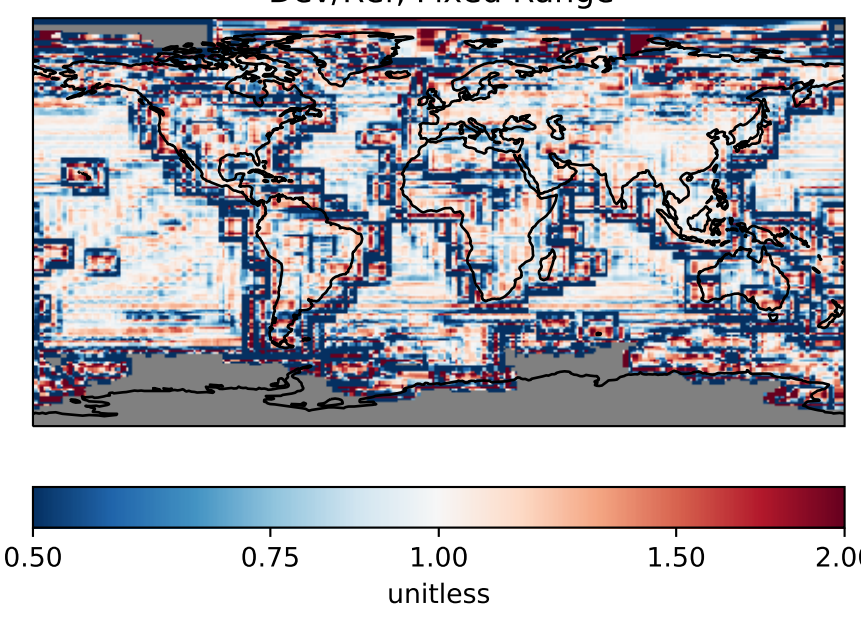
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

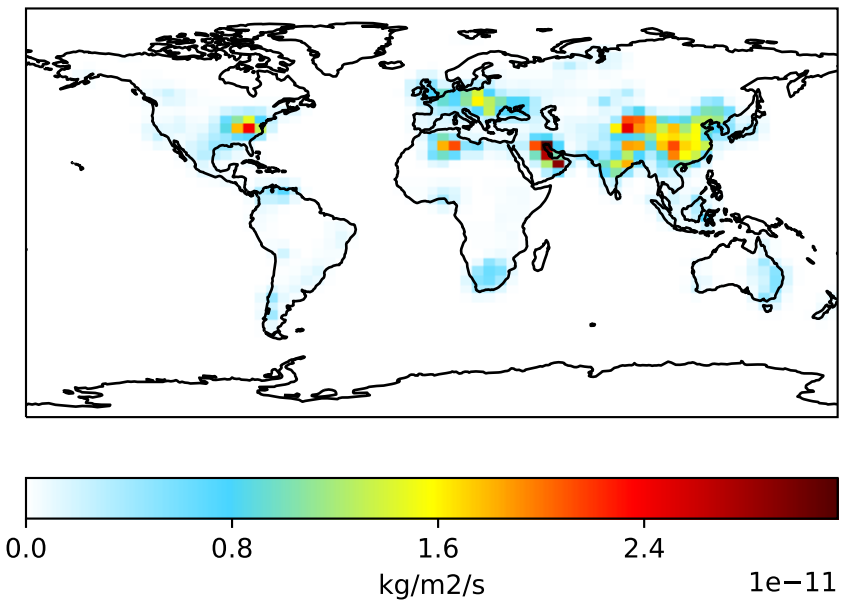


Ratio (1x1.25)
Dev/Ref, Fixed Range

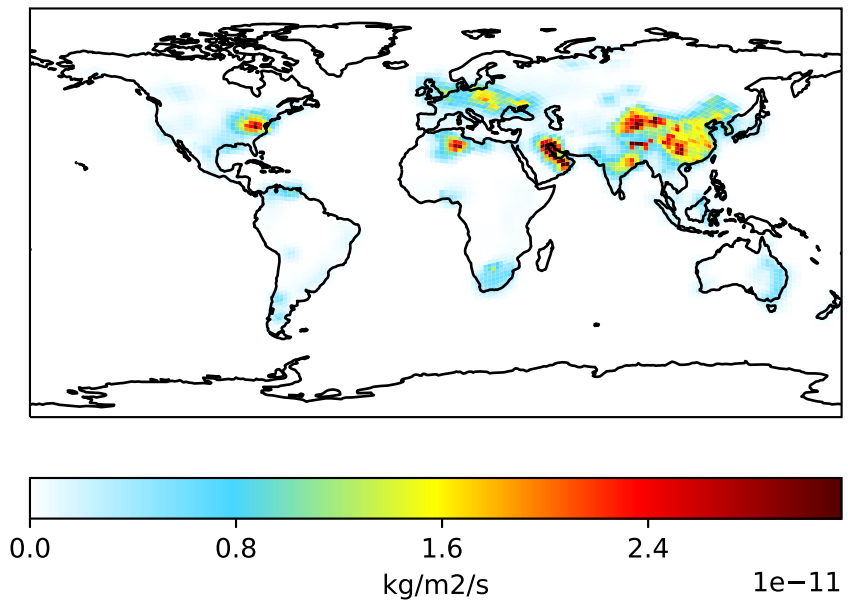


EmisC3H8_Anthro

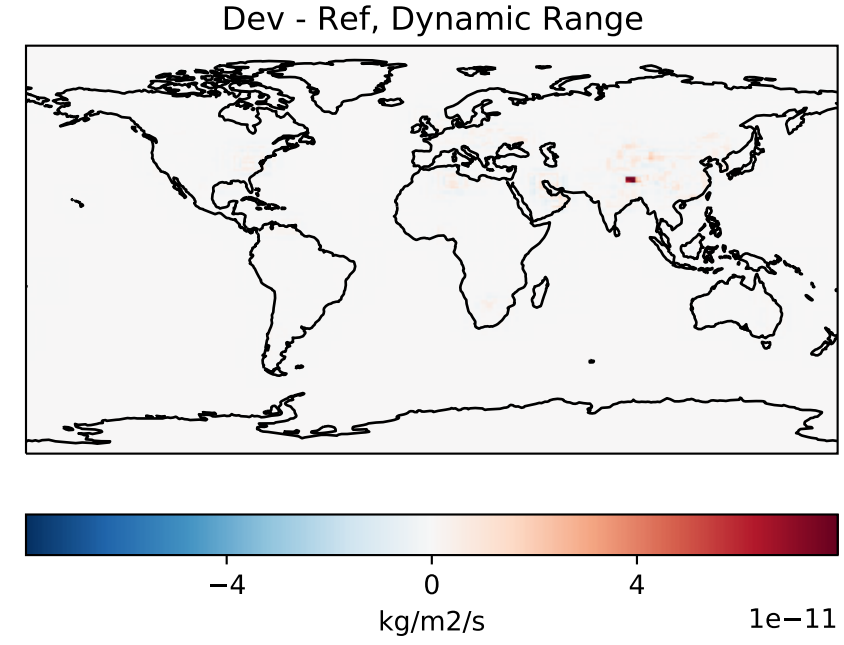
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



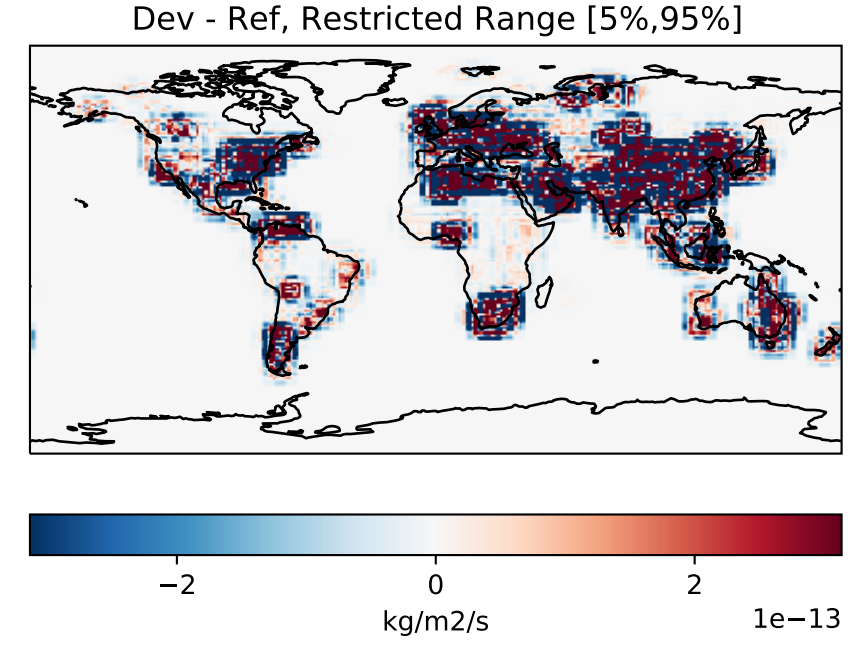
GCHP_13.2.0-beta.0 (Dev)
c48



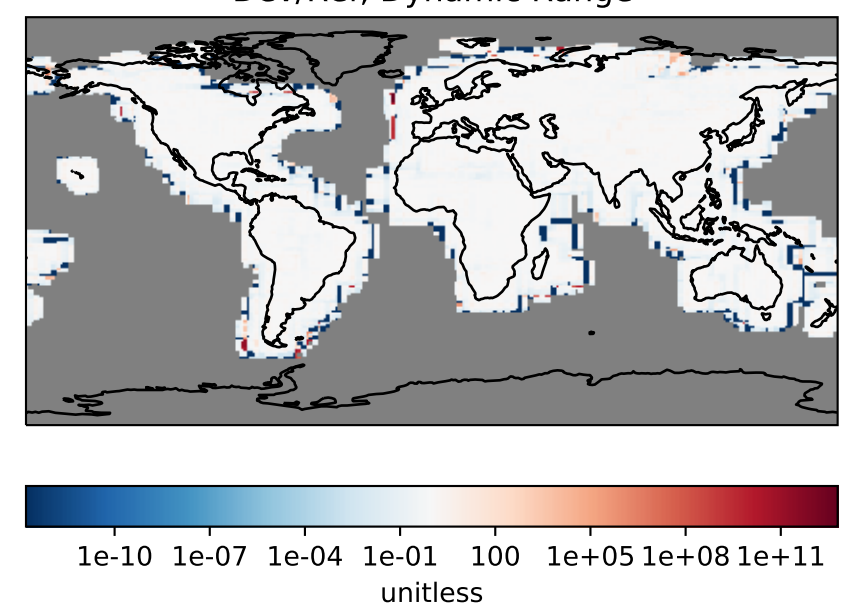
Difference (1x1.25)
Dev - Ref, Dynamic Range



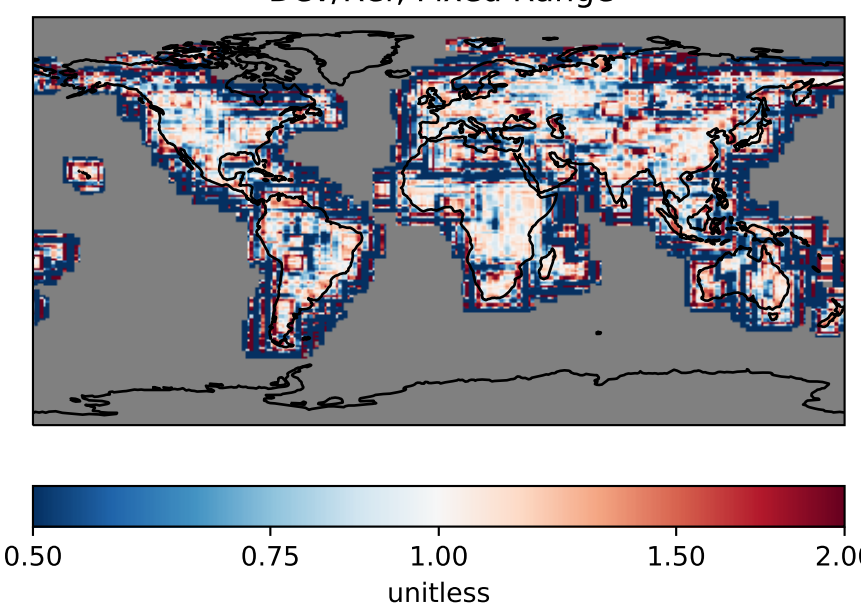
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

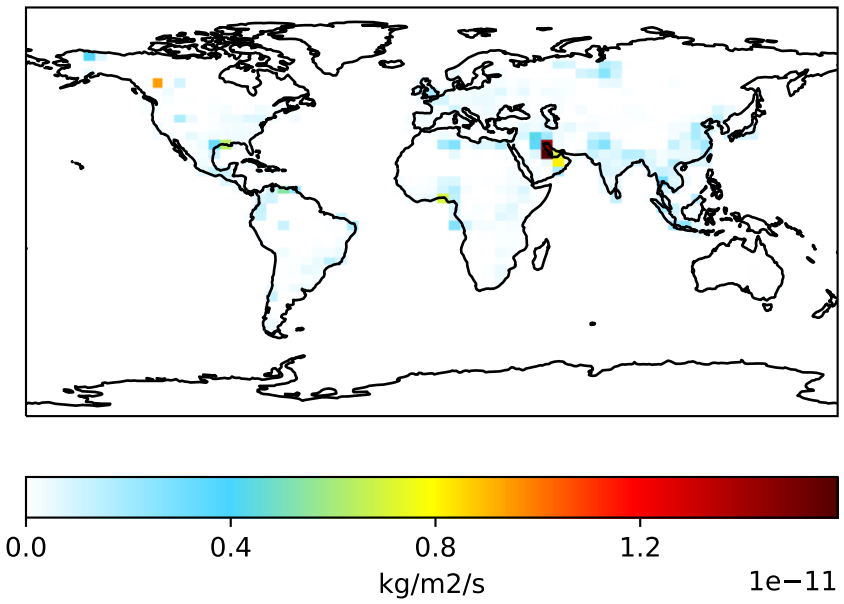


Ratio (1x1.25)
Dev/Ref, Fixed Range

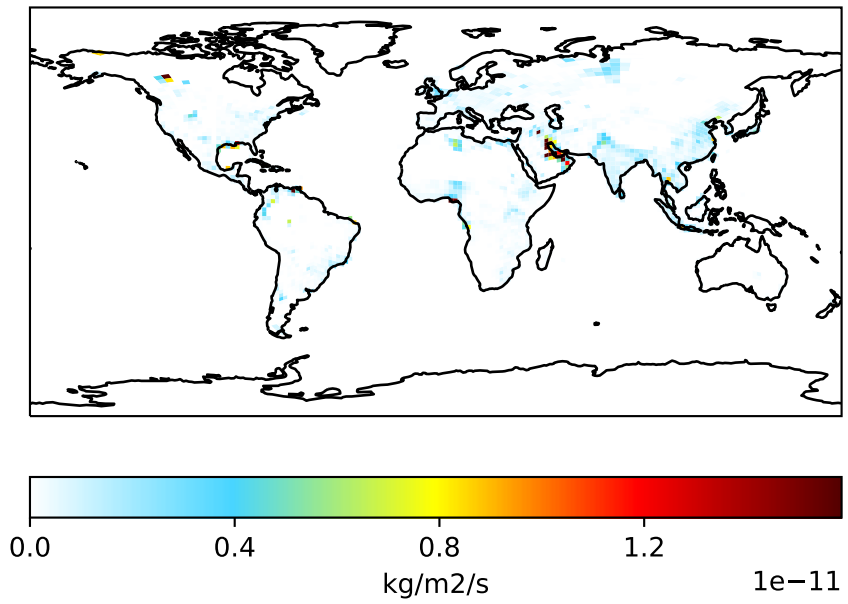


EmisCH2O_Anthro

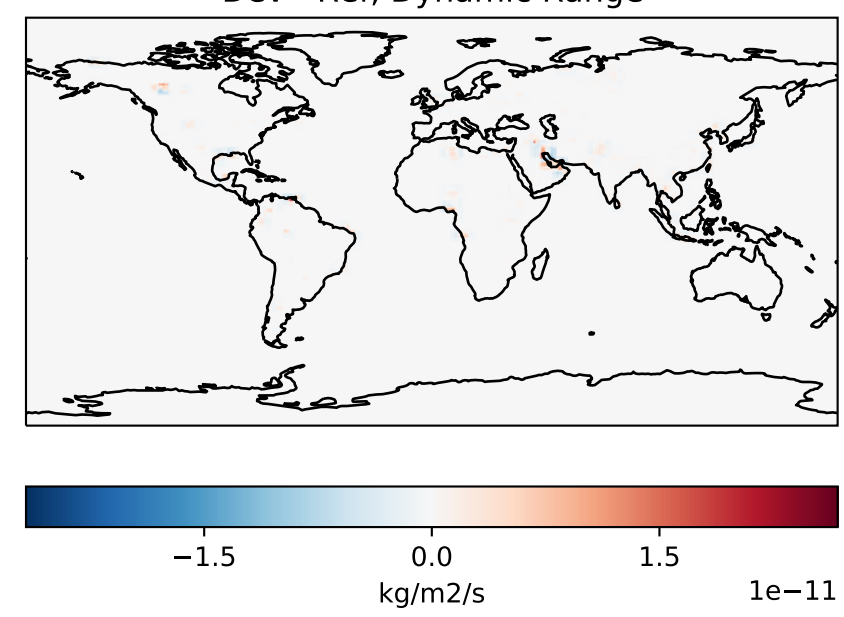
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



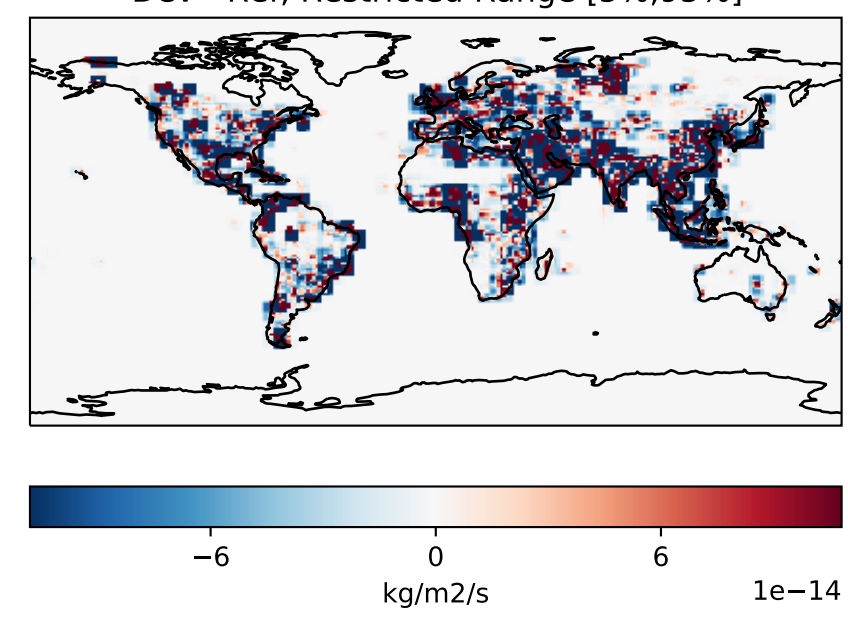
GCHP_13.2.0-beta.0 (Dev)
c48



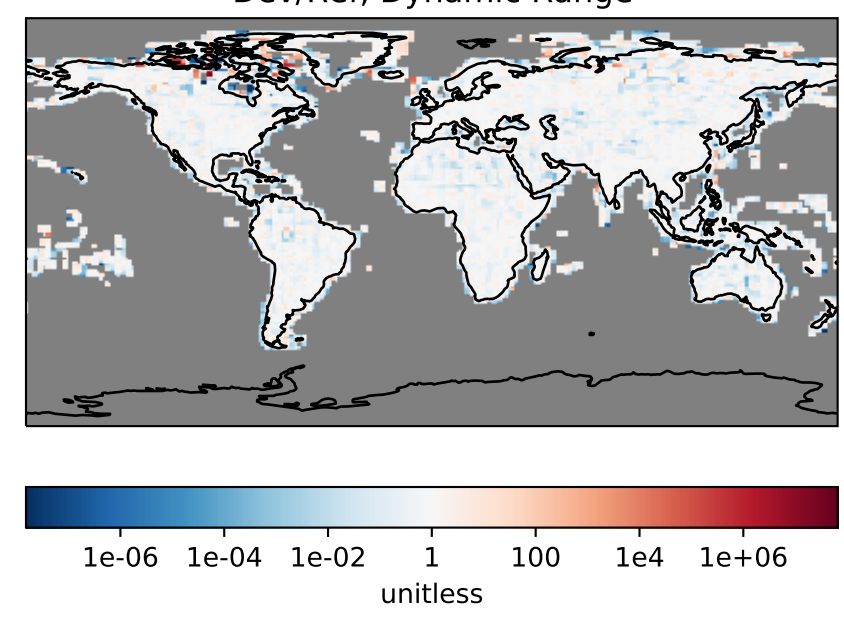
Difference (1x1.25)
Dev - Ref, Dynamic Range



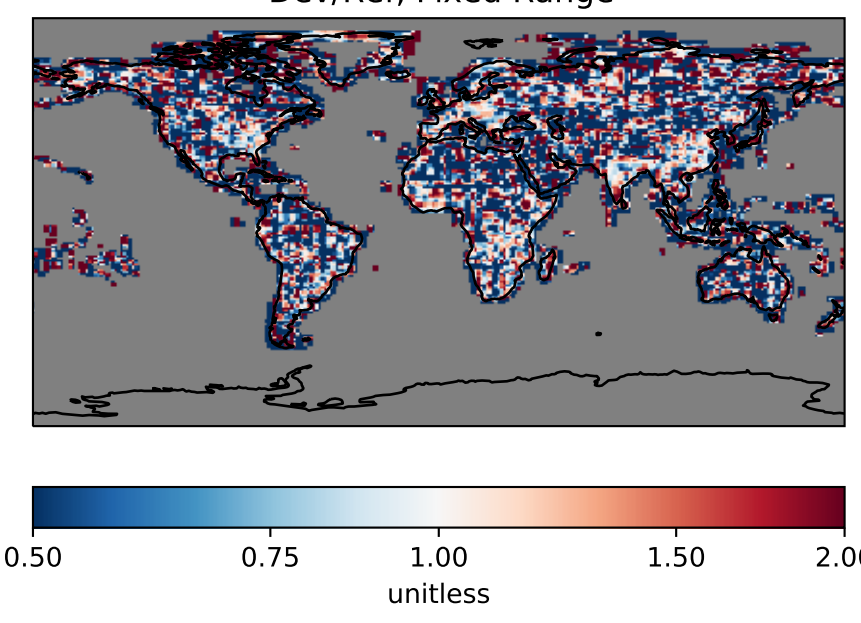
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

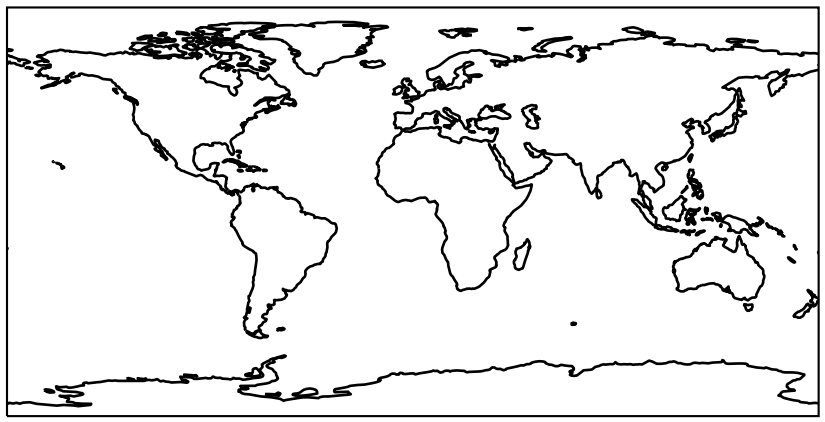


Ratio (1x1.25)
Dev/Ref, Fixed Range



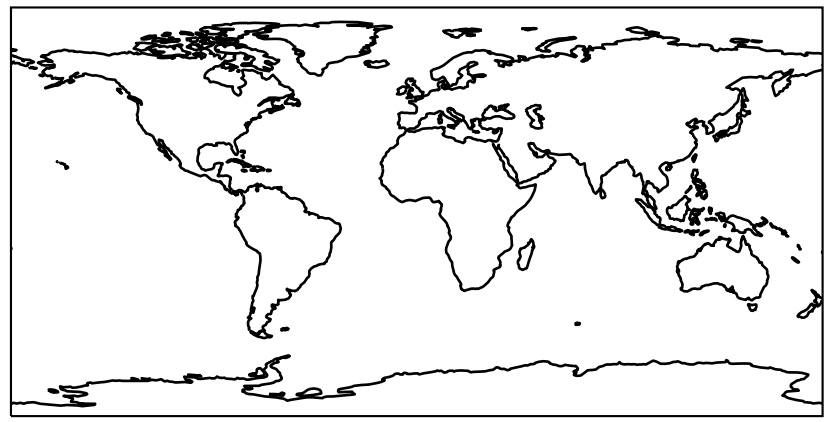
EmisCO2_Anthro

GCC_13.2.0-beta.0 (Ref)
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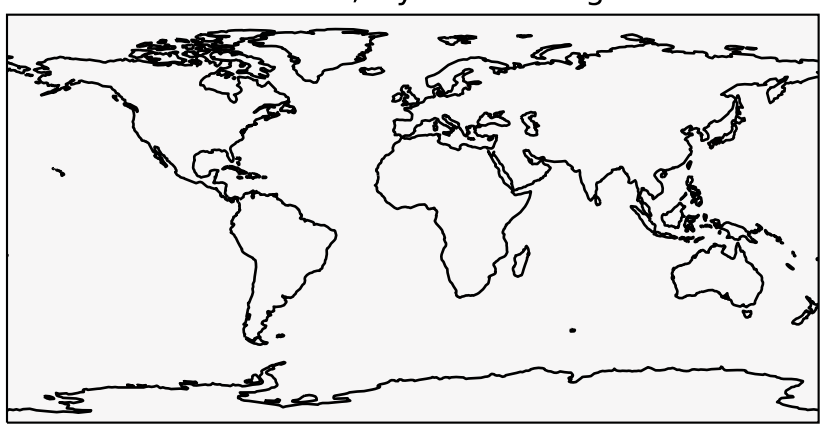
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kg/m2/s

GCHP_13.2.0-beta.0 (Dev)
c48



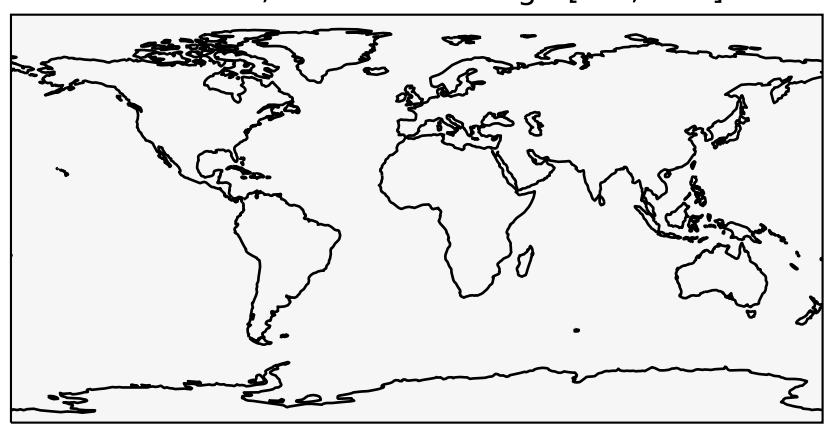
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kg/m2/s

Difference (1x1.25)
Dev - Ref, Dynamic Range



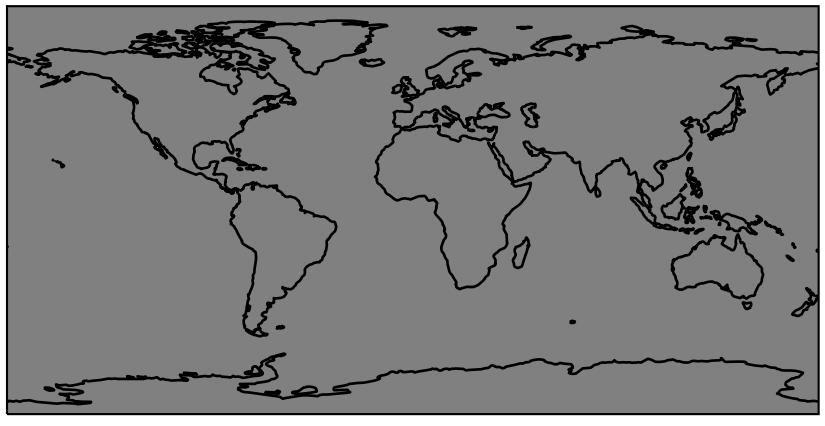
Zero throughout domain
kg/m2/s

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



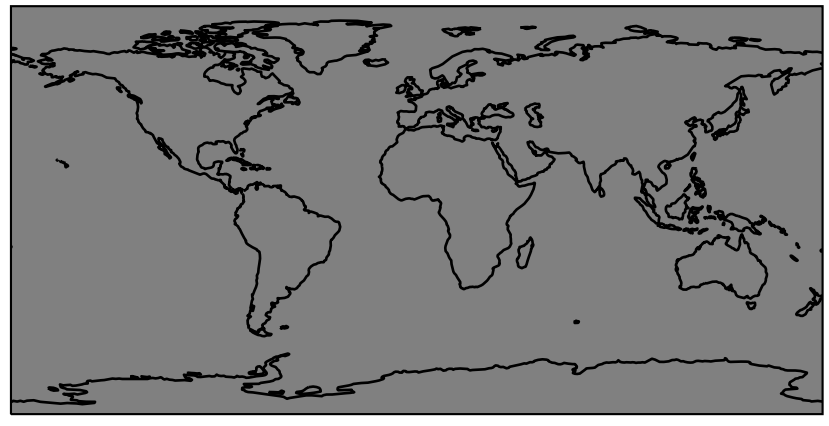
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kg/m2/s

Ratio (1x1.25)
Dev/Ref, Dynamic Range



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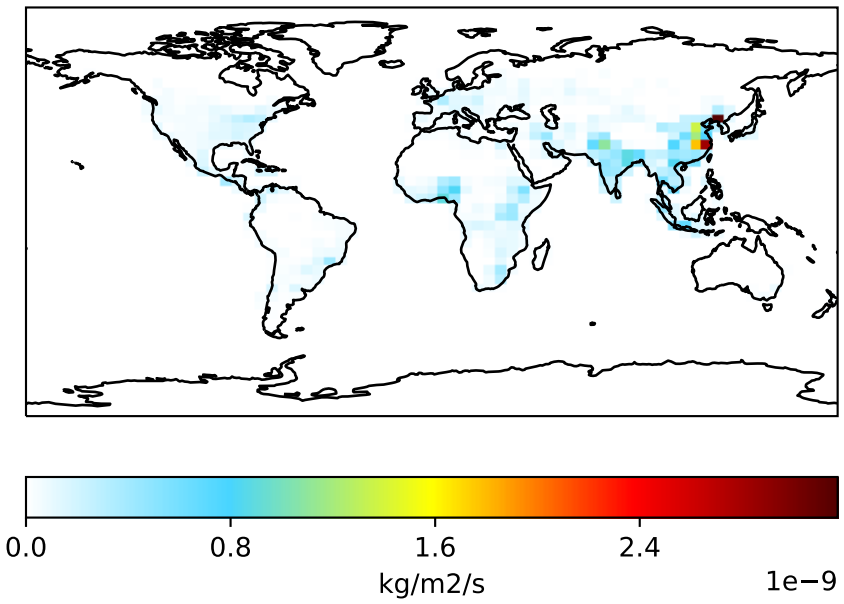
Ratio (1x1.25)
Dev/Ref, Fixed Range



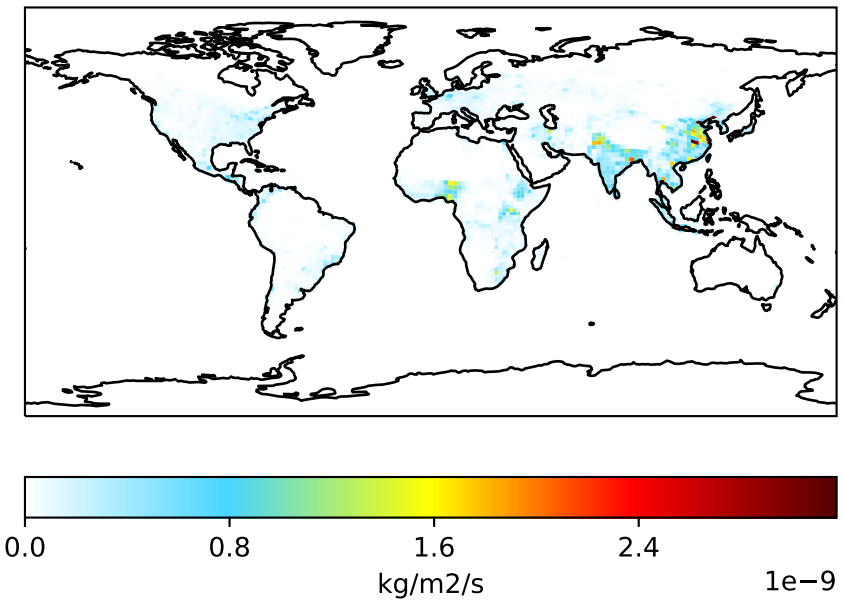
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EmisCO_Anthro

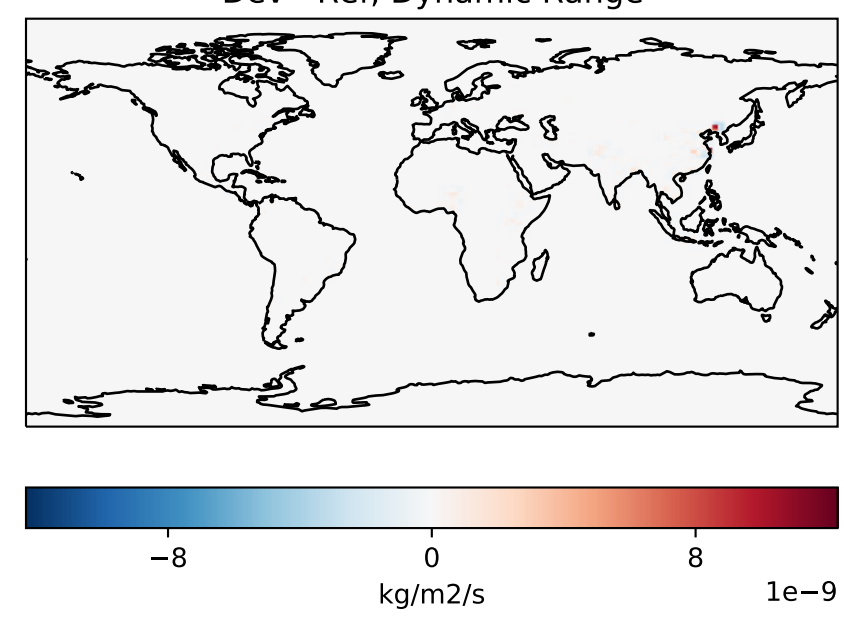
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



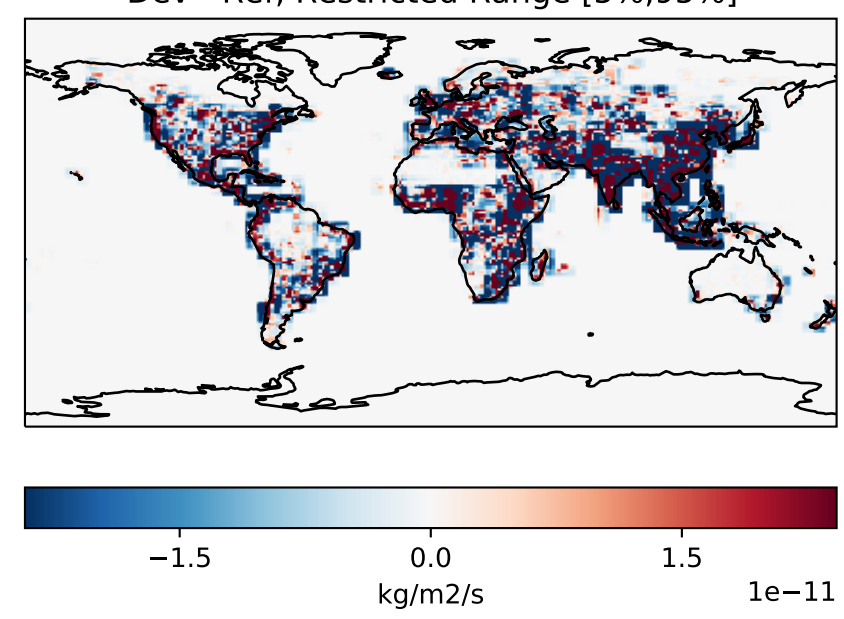
GCHP_13.2.0-beta.0 (Dev)
c48



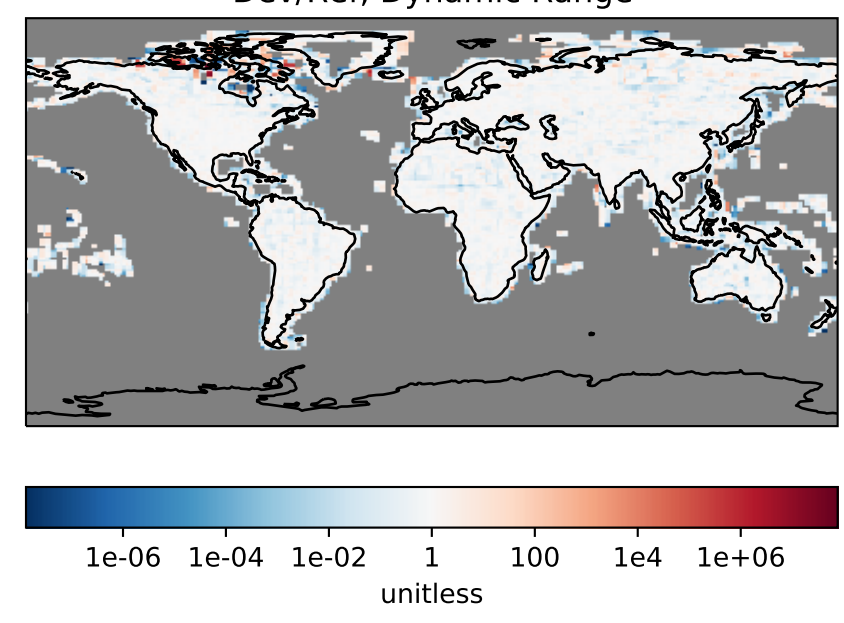
Difference (1x1.25)
Dev - Ref, Dynamic Range



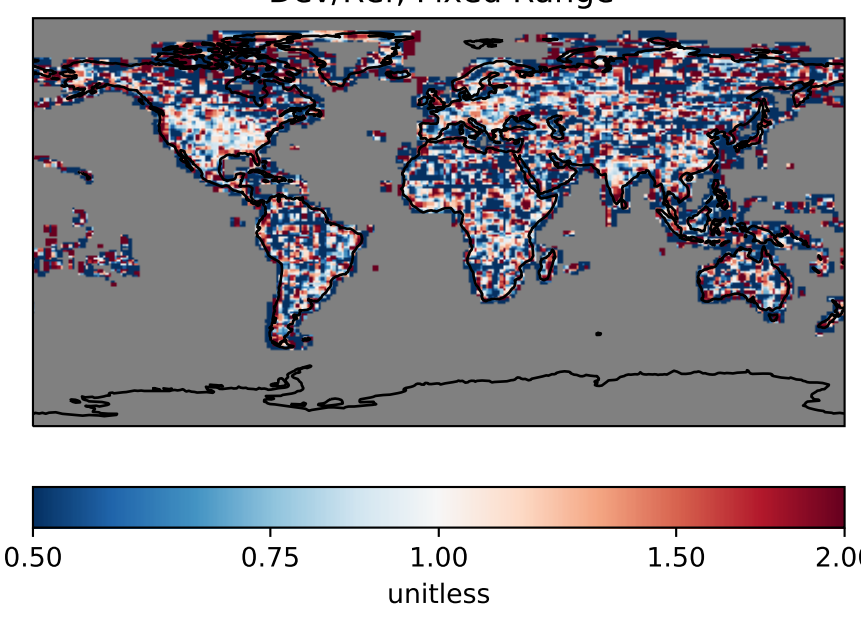
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

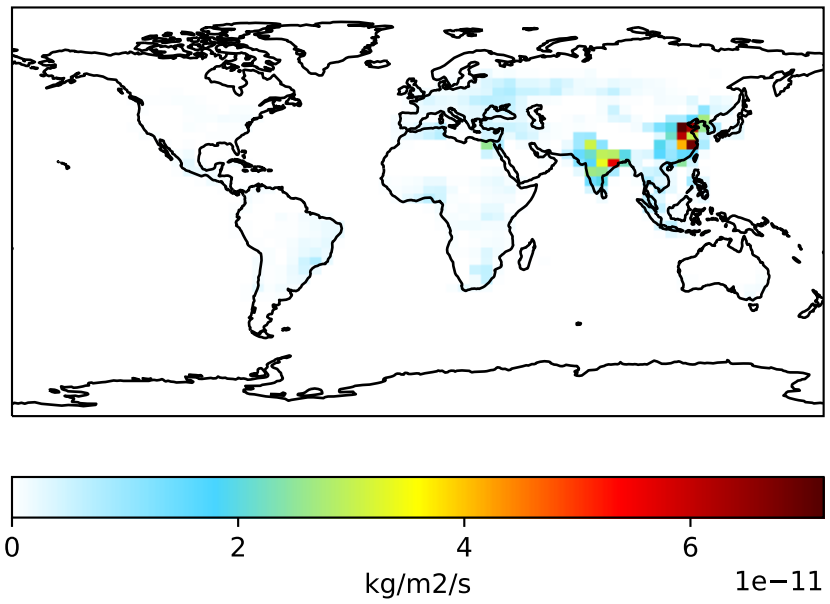


Ratio (1x1.25)
Dev/Ref, Fixed Range

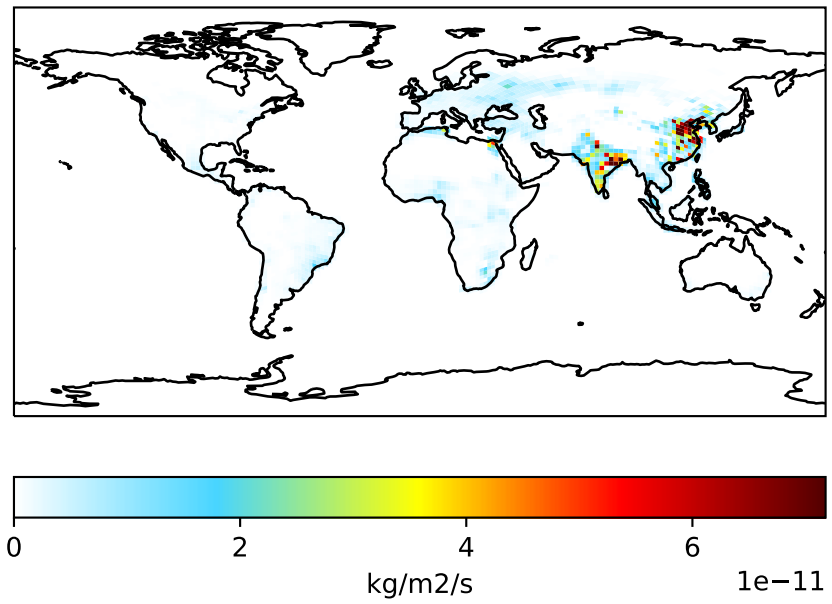


EmisDST1_Anthro

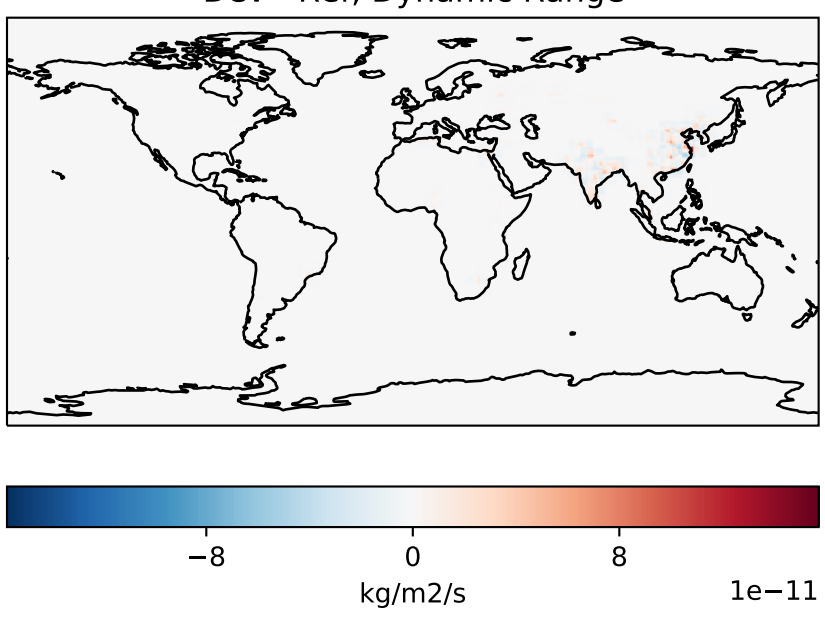
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



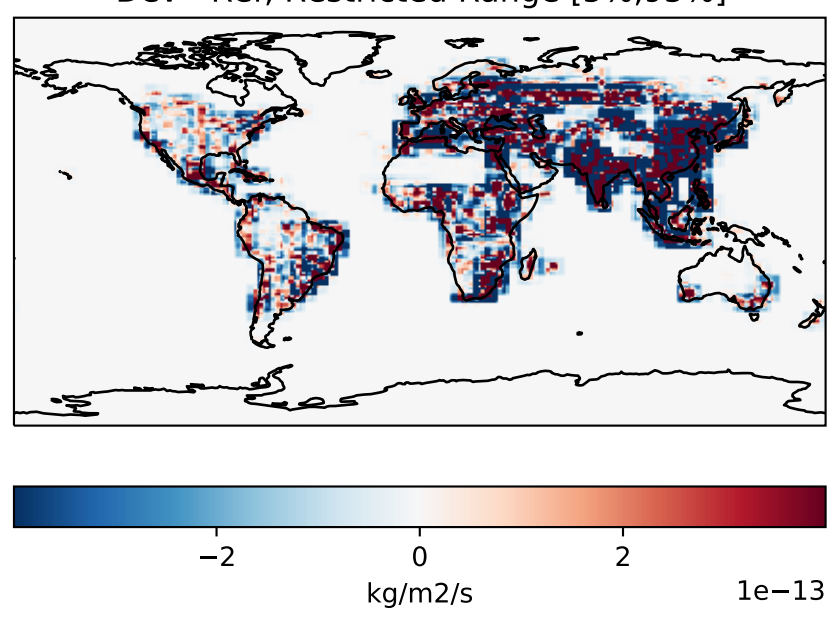
GCHP_13.2.0-beta.0 (Dev)
c48



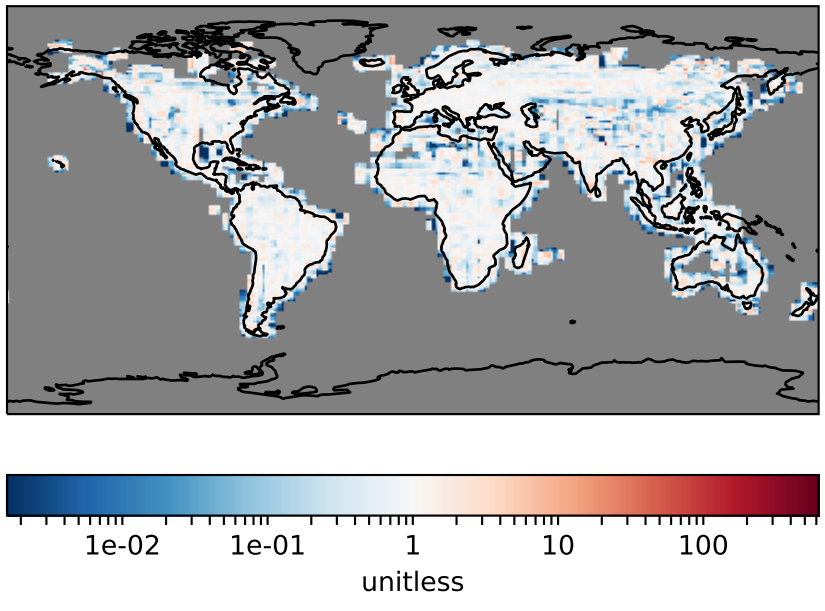
Difference (1x1.25)
Dev - Ref, Dynamic Range



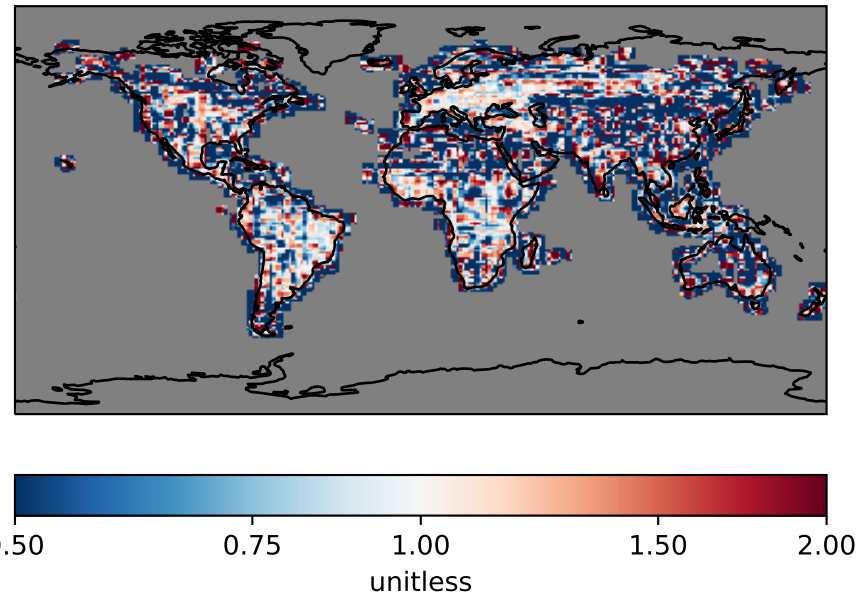
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

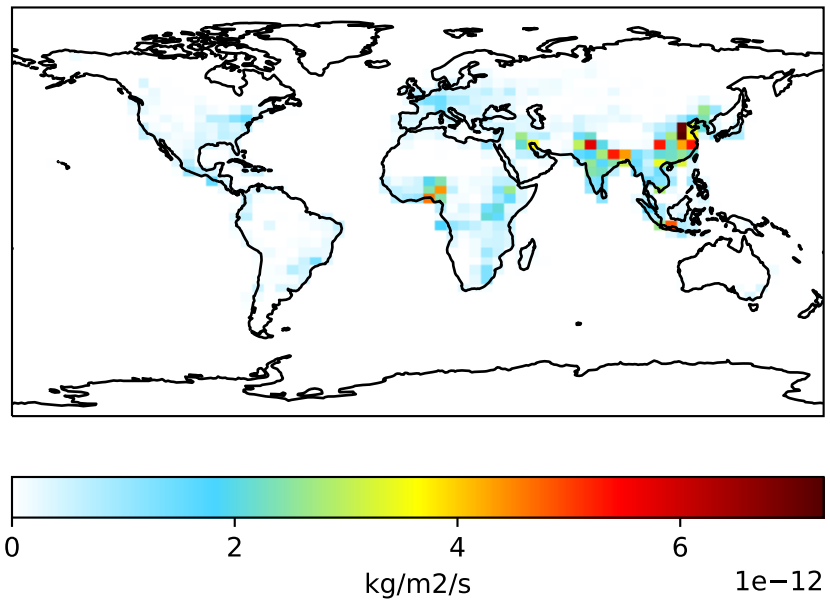


Ratio (1x1.25)
Dev/Ref, Fixed Range

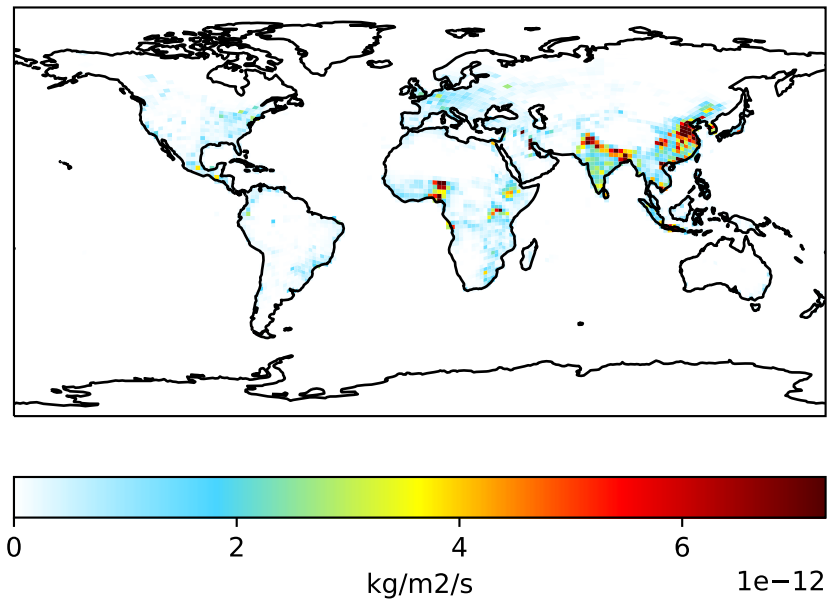


EmisEOH_Anthro

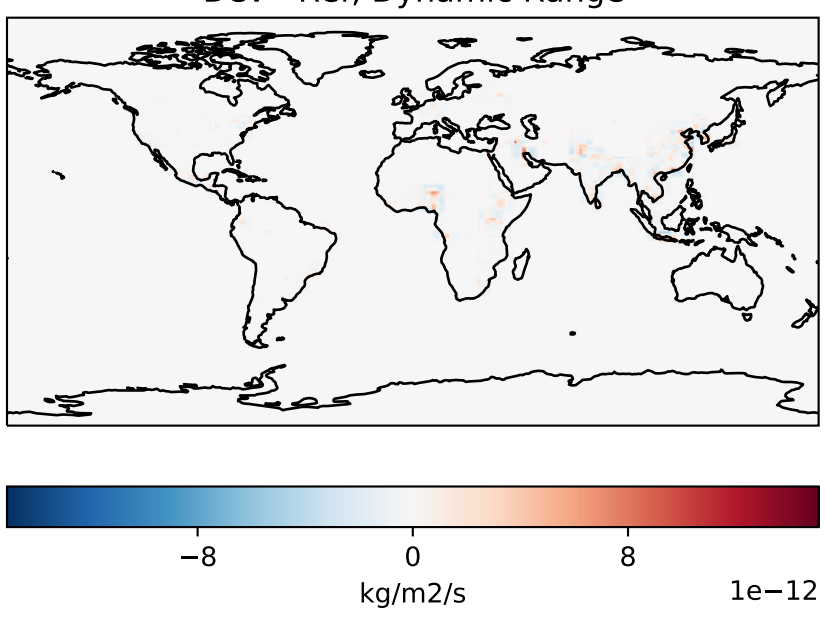
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



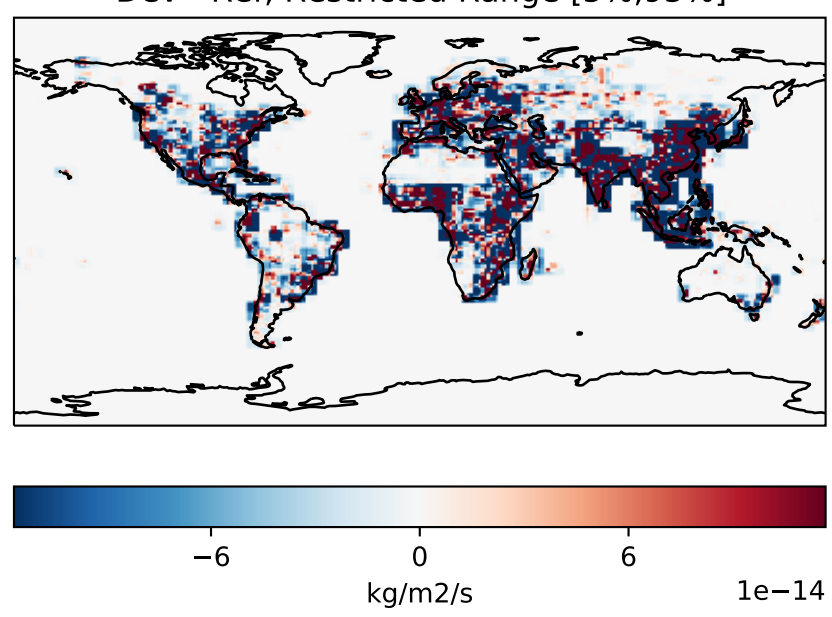
GCHP_13.2.0-beta.0 (Dev)
c48



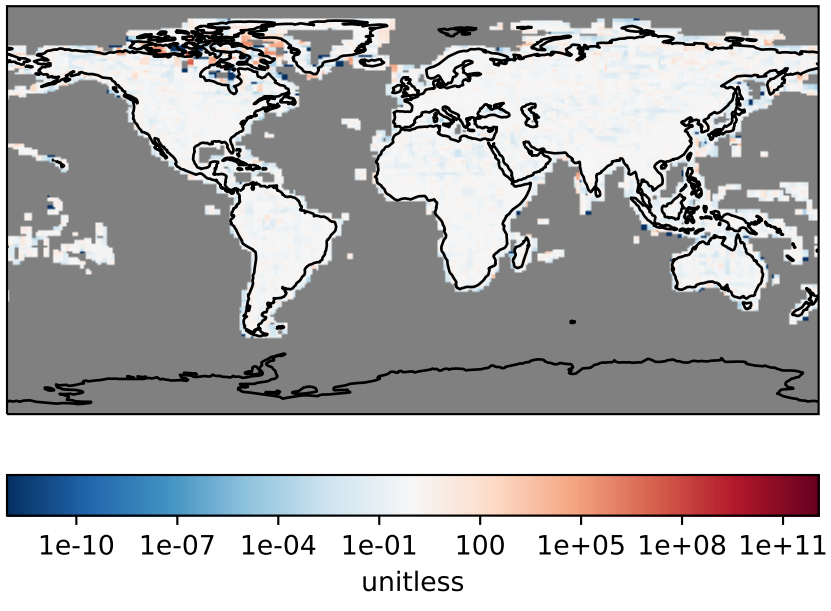
Difference (1x1.25)
Dev - Ref, Dynamic Range



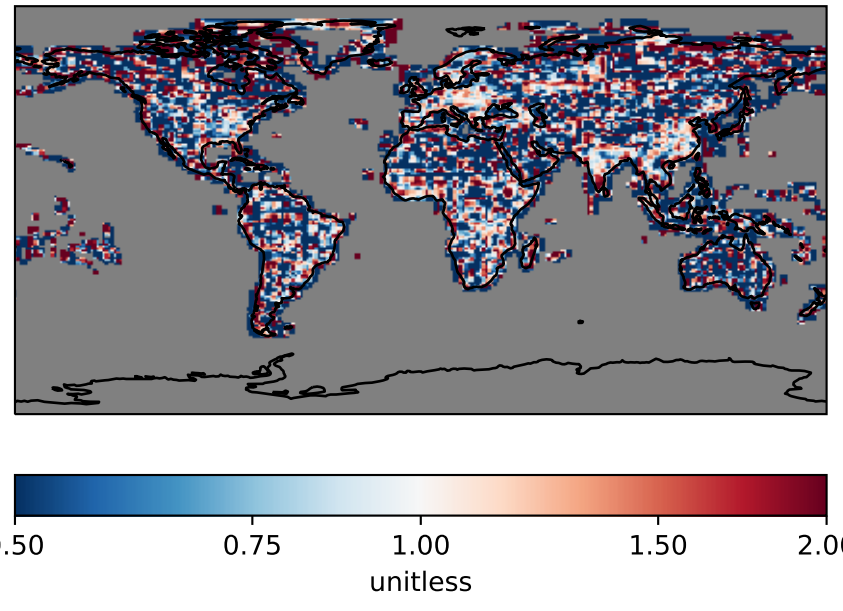
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

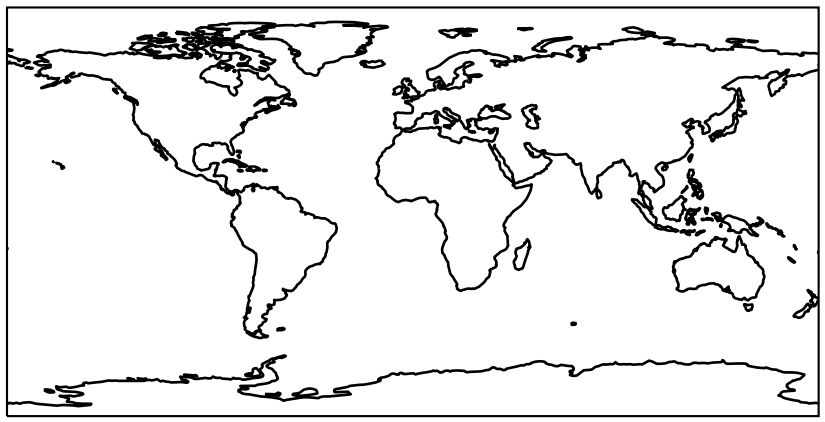


Ratio (1x1.25)
Dev/Ref, Fixed Range



EmisGLYC_Anthro

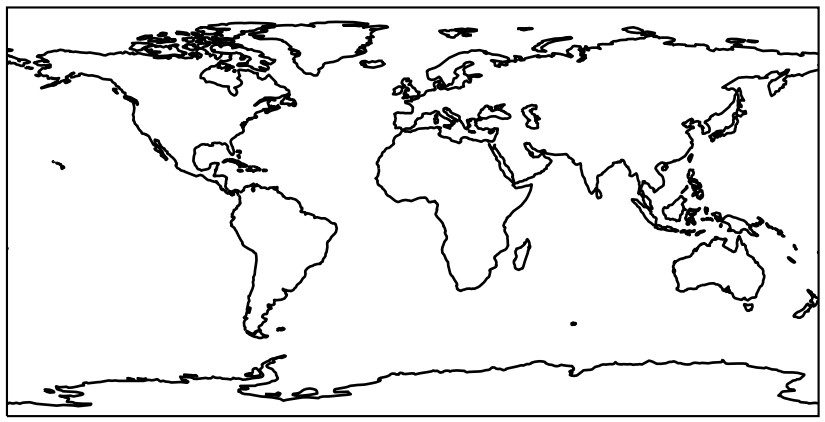
GCC_13.2.0-beta.0 (Ref)
4.0x5.0





Zero throughout domain
kg/m2/s

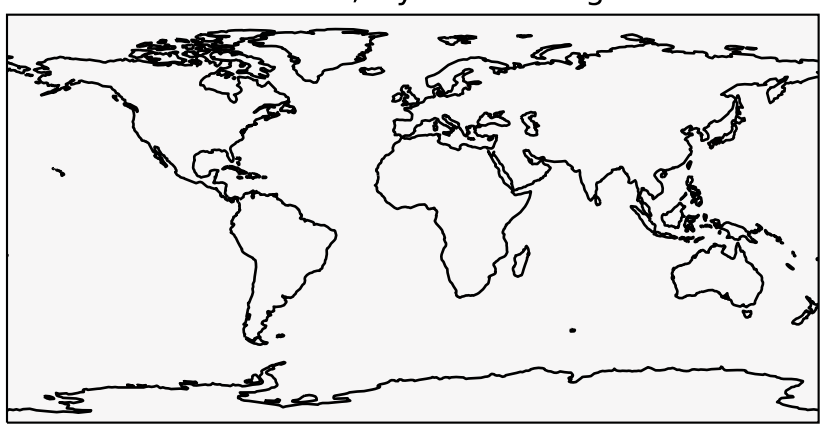
GCHP_13.2.0-beta.0 (Dev)
c48





Zero throughout domain
kg/m2/s

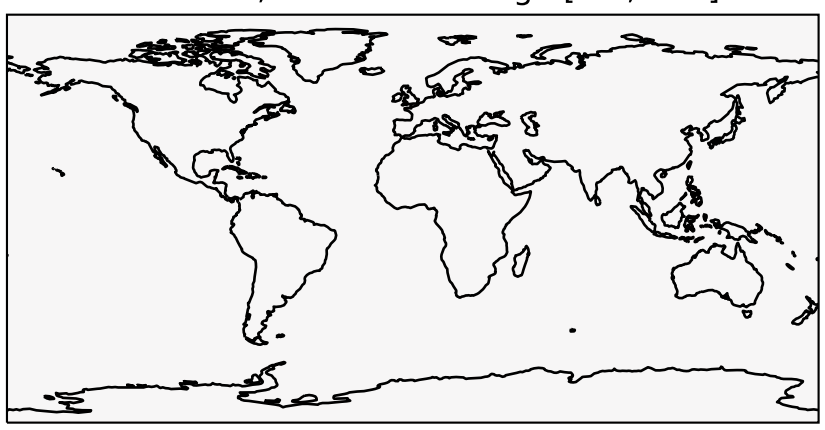
Difference (1x1.25)
Dev - Ref, Dynamic Range





Zero throughout domain
kg/m2/s

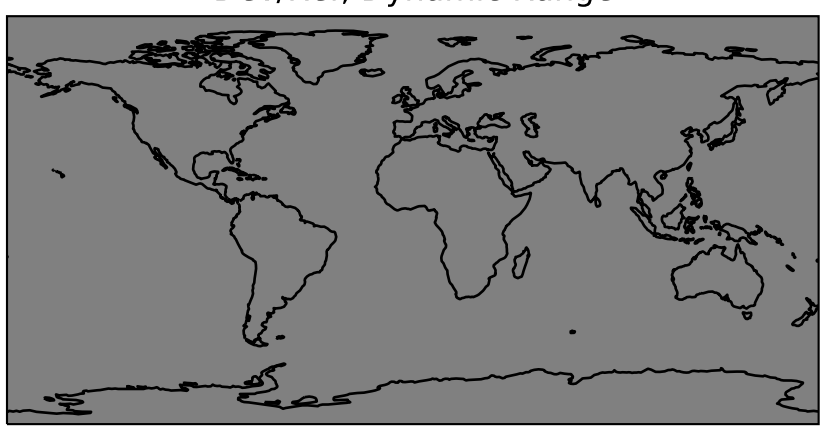
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]





Zero throughout domain
kg/m2/s

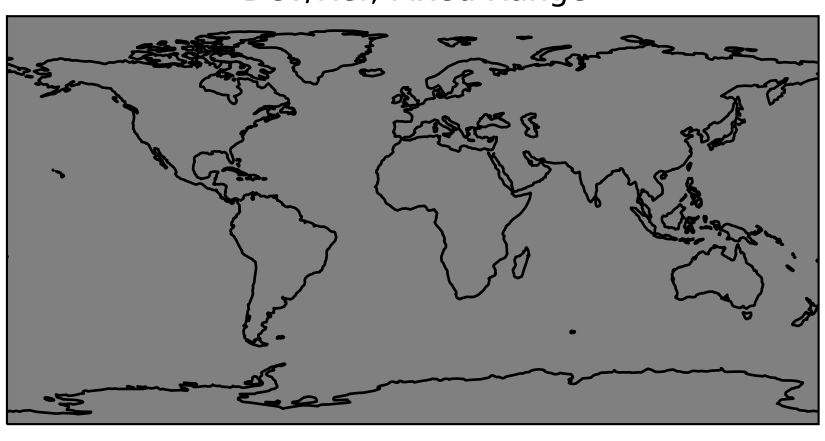
Ratio (1x1.25)
Dev/Ref, Dynamic Range





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unitless

Ratio (1x1.25)
Dev/Ref, Fixed Range

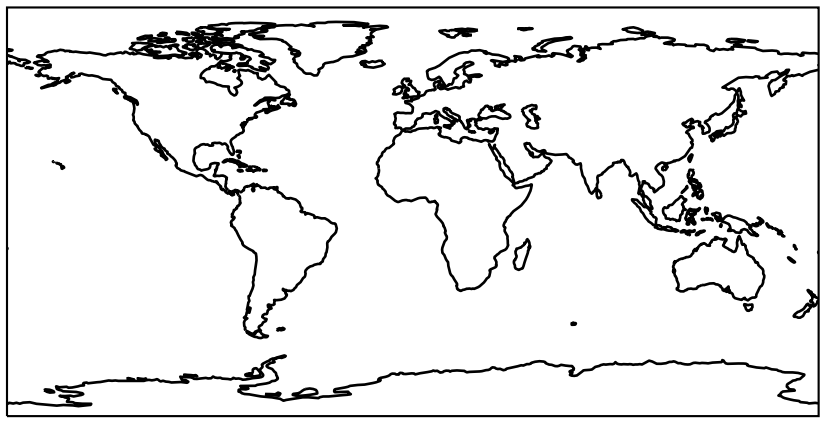




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EmisHAC_Anthro

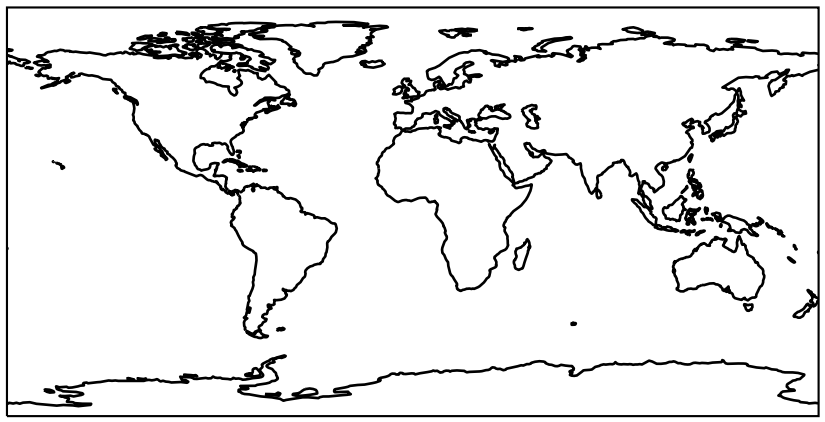
GCC_13.2.0-beta.0 (Ref)
4.0x5.0





Zero throughout domain
kg/m2/s

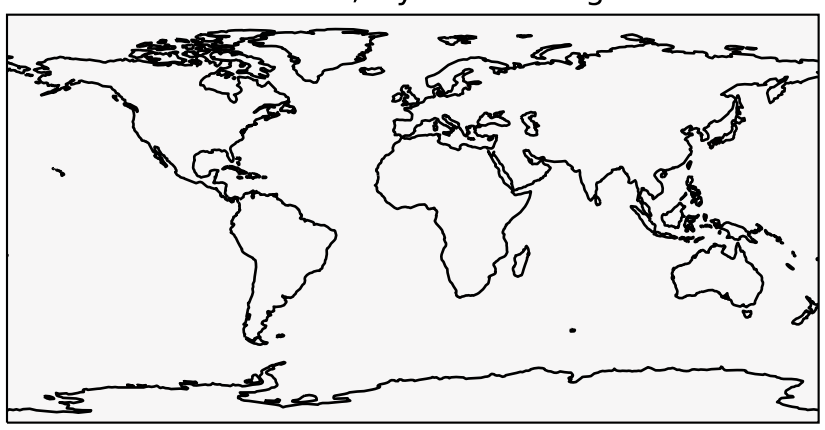
GCHP_13.2.0-beta.0 (Dev)
c48





Zero throughout domain
kg/m2/s

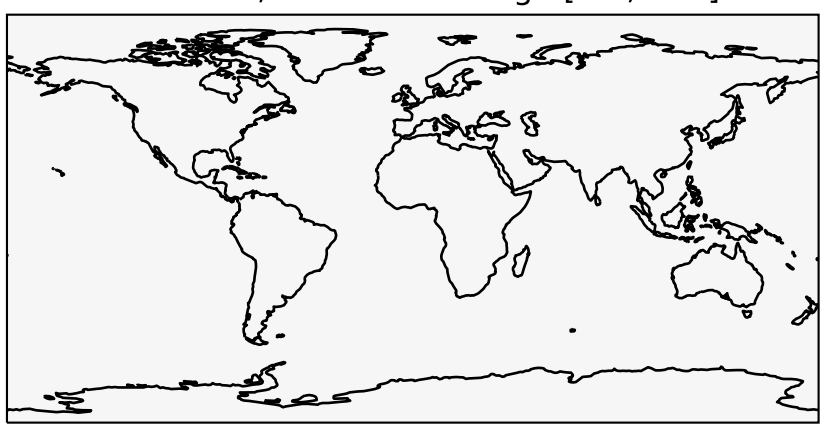
Difference (1x1.25)
Dev - Ref, Dynamic Range





Zero throughout domain
kg/m2/s

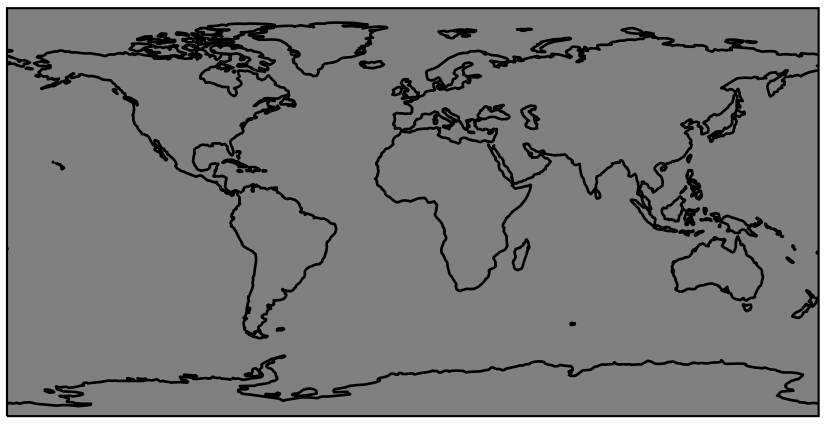
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]





Zero throughout domain
kg/m2/s

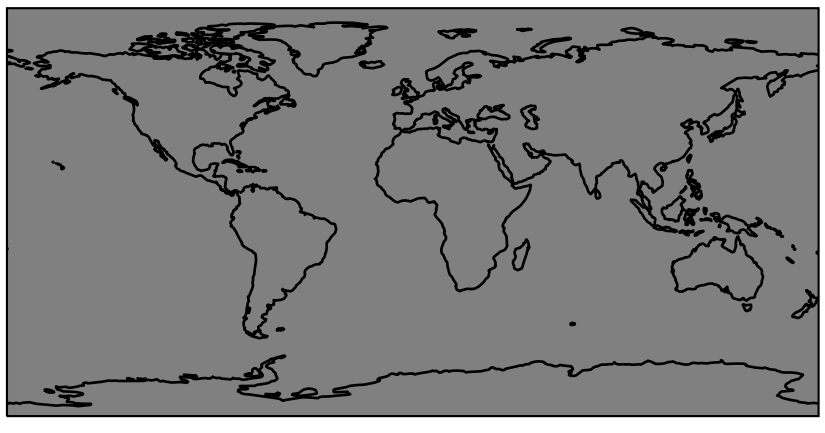
Ratio (1x1.25)
Dev/Ref, Dynamic Range





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Ratio (1x1.25)
Dev/Ref, Fixed Range

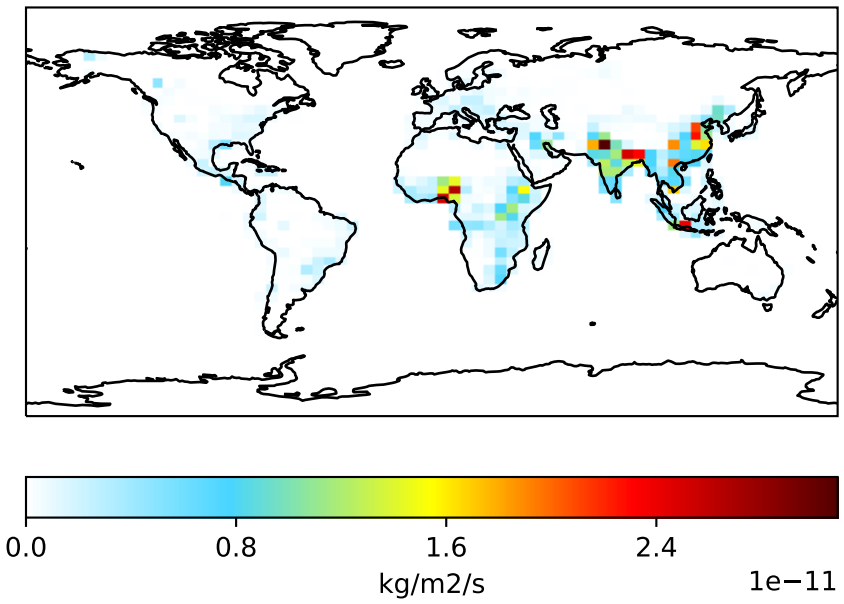




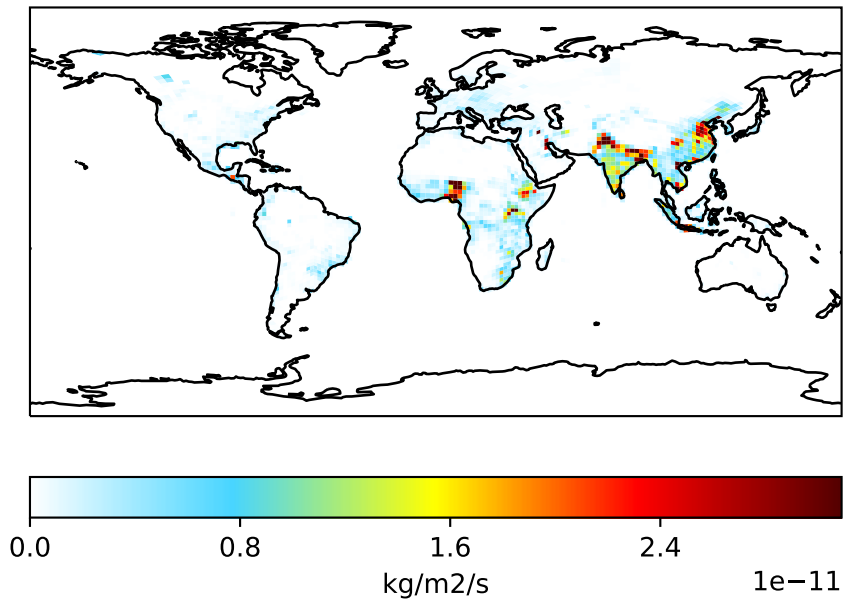
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unitless

EmisHCOOH_Anthro

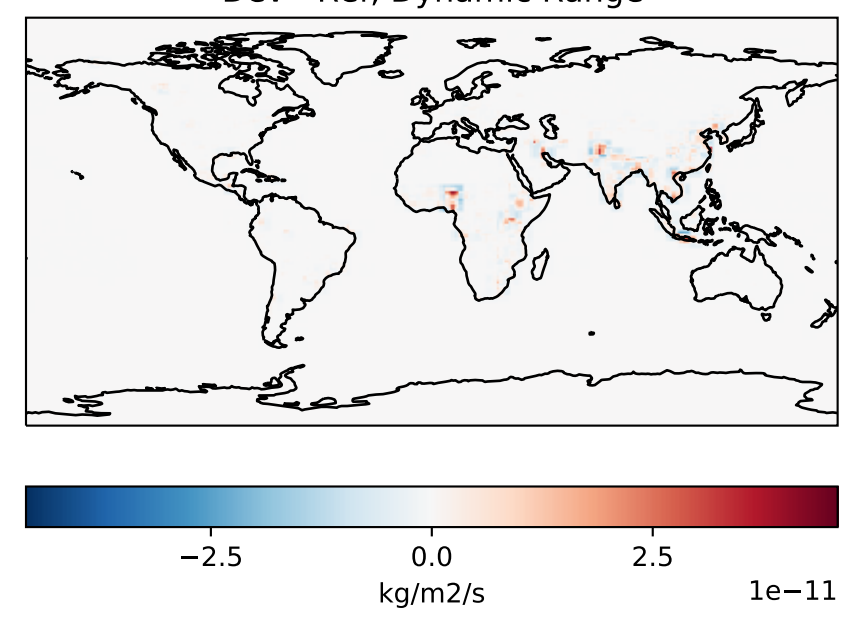
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



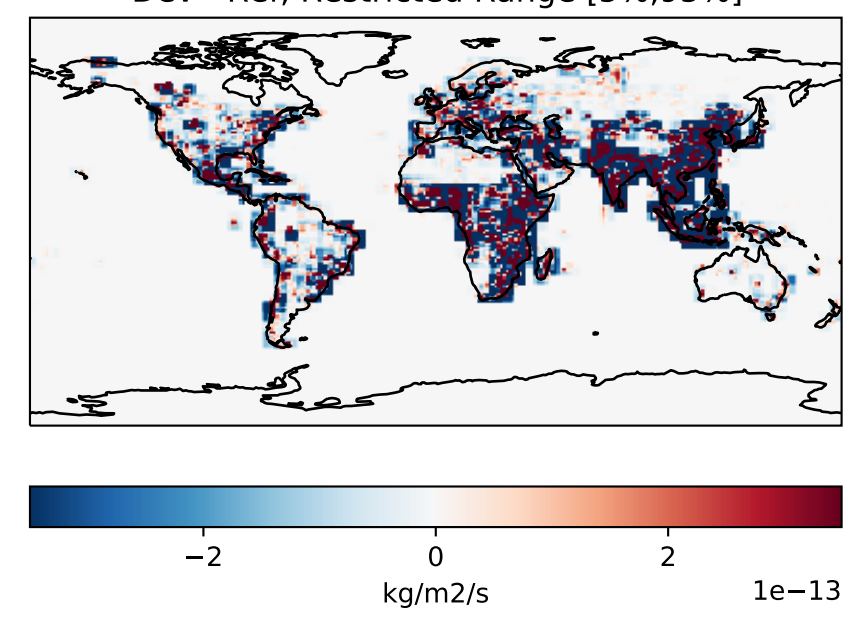
GCHP_13.2.0-beta.0 (Dev)
c48



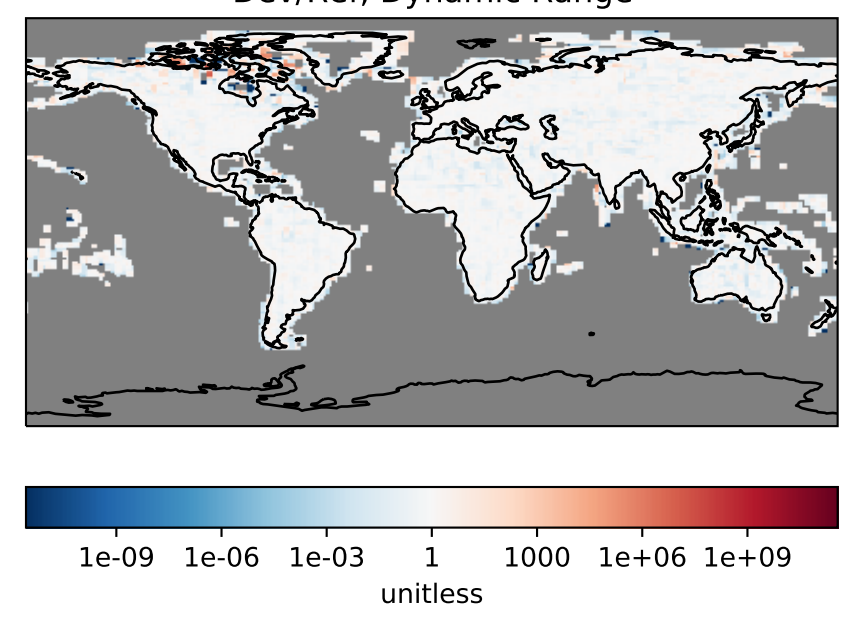
Difference (1x1.25)
Dev - Ref, Dynamic Range



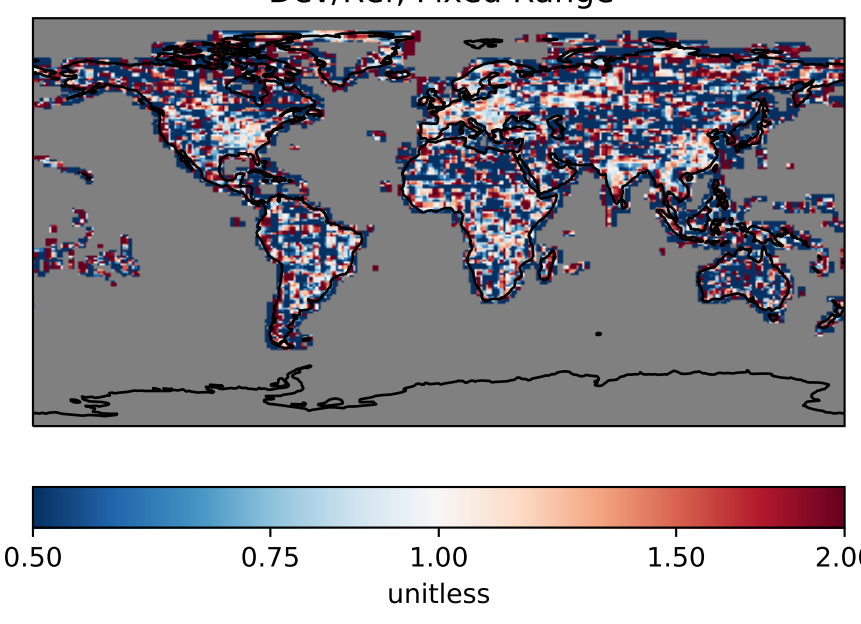
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

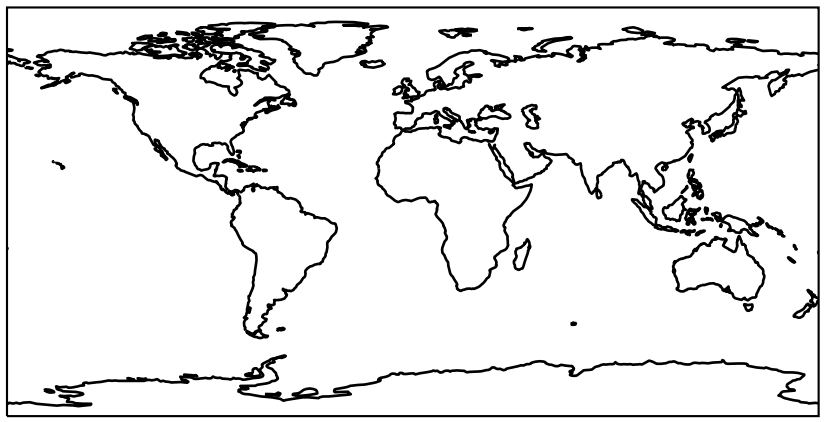


Ratio (1x1.25)
Dev/Ref, Fixed Range



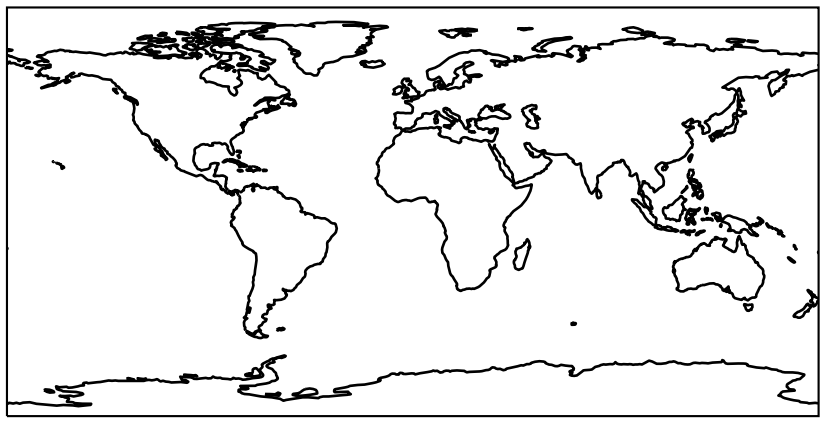
EmisHNO2_Anthro

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



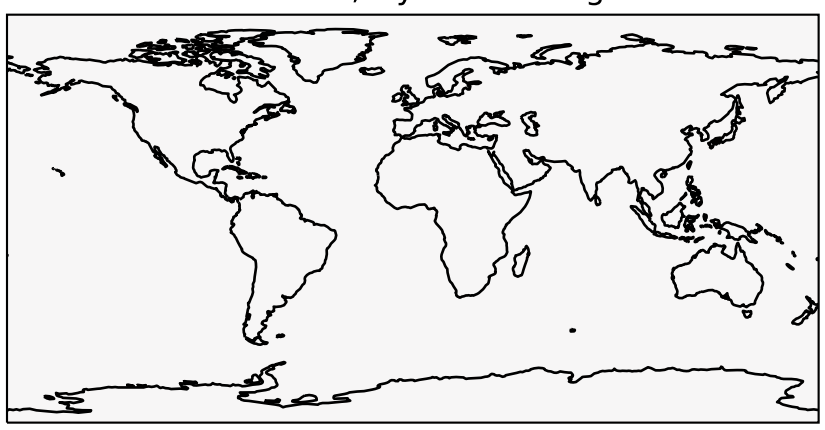
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kg/m2/s

GCHP_13.2.0-beta.0 (Dev)
c48



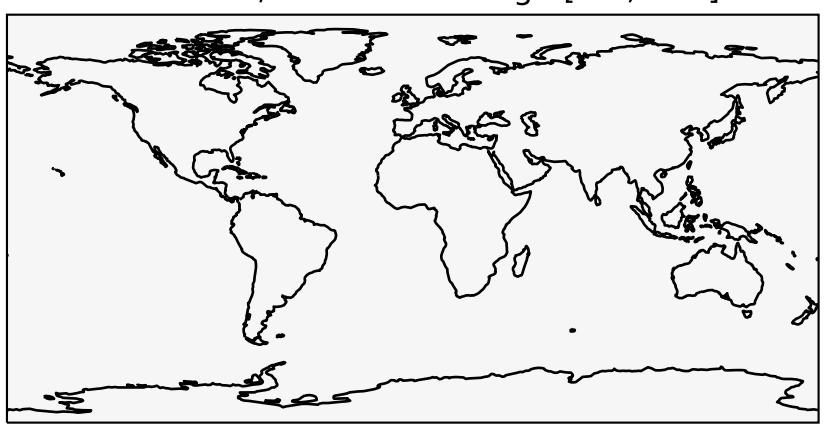
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kg/m2/s

Difference (1x1.25)
Dev - Ref, Dynamic Range



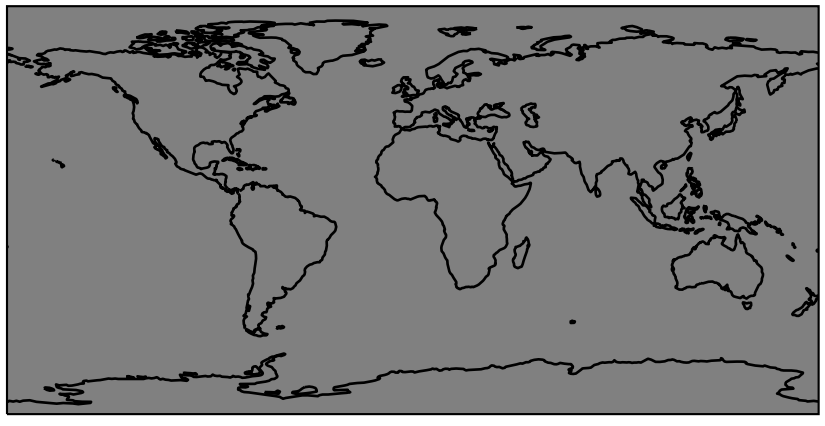
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kg/m2/s

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



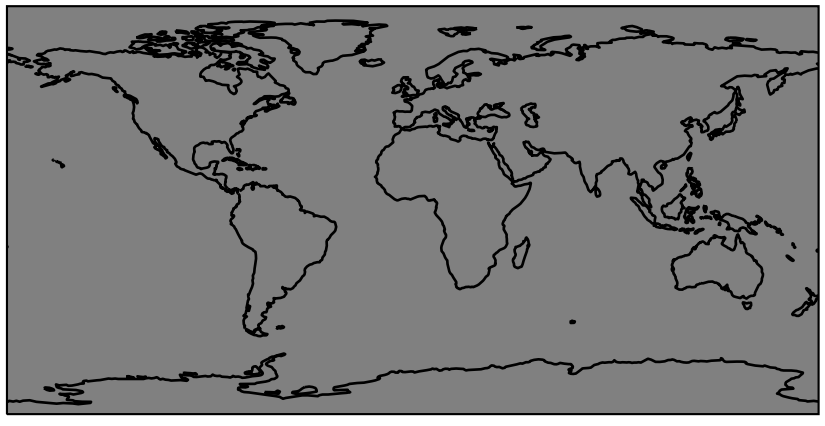
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kg/m2/s

Ratio (1x1.25)
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

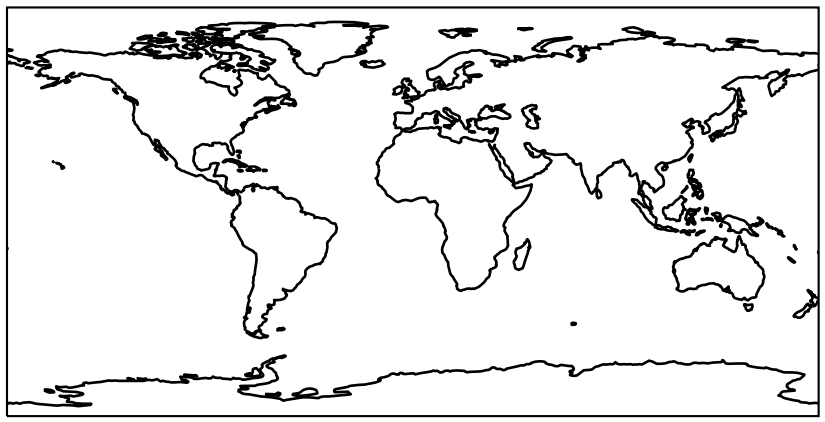
Ratio (1x1.25)
Dev/Ref, Fixed Range



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unitless

EmisISOP_Anthro

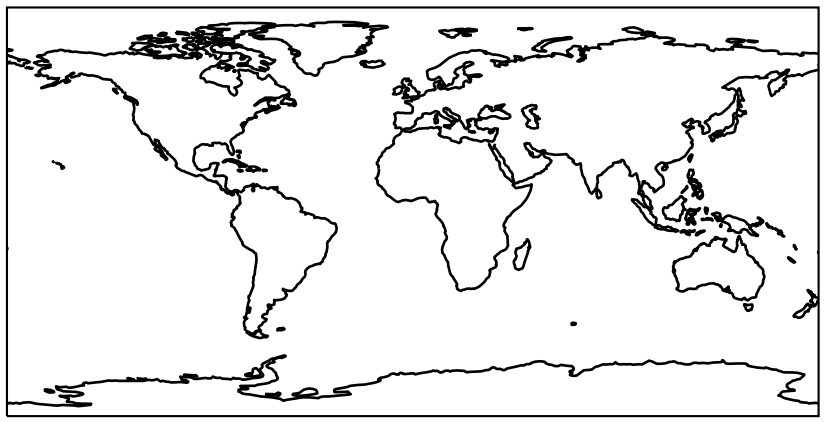
GCC_13.2.0-beta.0 (Ref)
4.0x5.0





Zero throughout domain
kg/m2/s

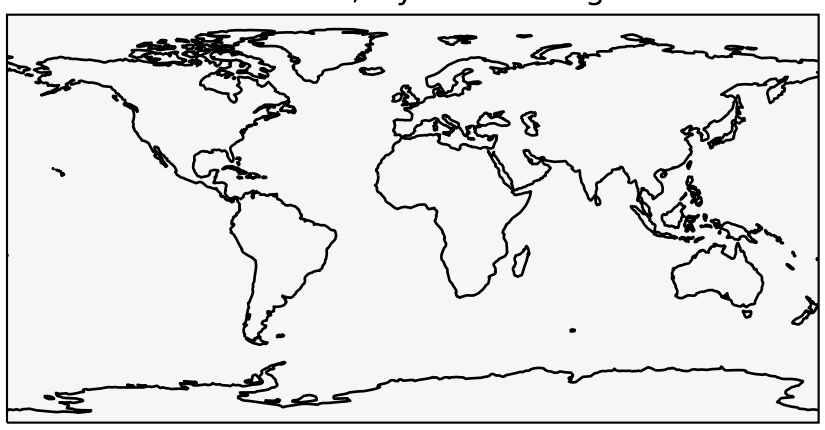
GCHP_13.2.0-beta.0 (Dev)
c48





Zero throughout domain
kg/m2/s

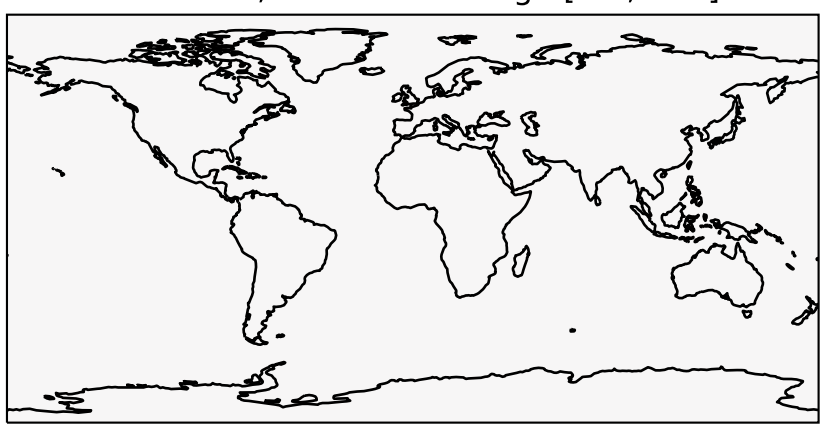
Difference (1x1.25)
Dev - Ref, Dynamic Range





Zero throughout domain
kg/m2/s

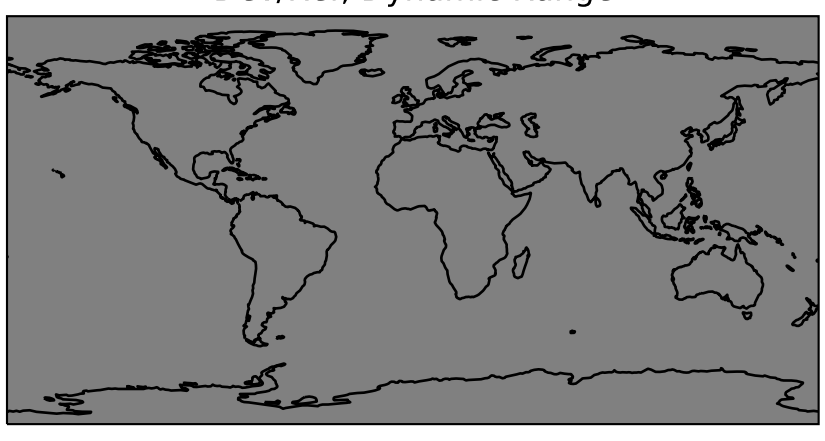
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]





Zero throughout domain
kg/m2/s

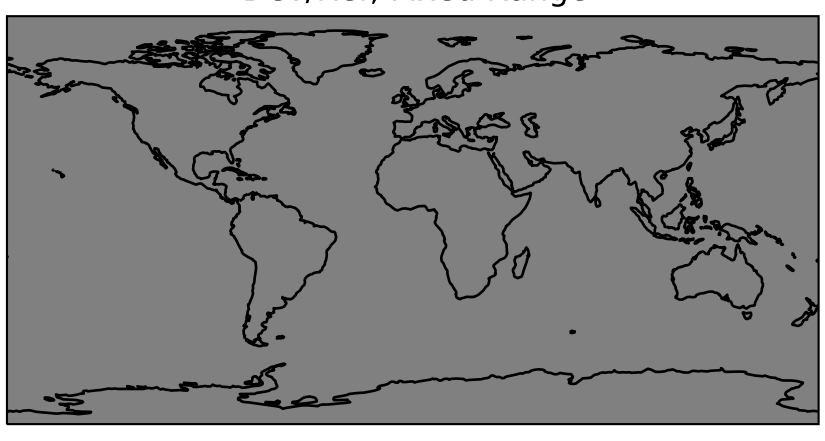
Ratio (1x1.25)
Dev/Ref, Dynamic Range





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Ratio (1x1.25)
Dev/Ref, Fixed Range

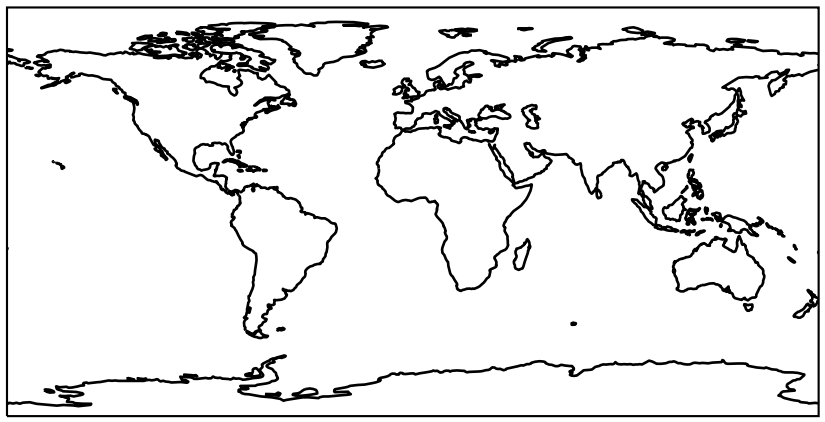




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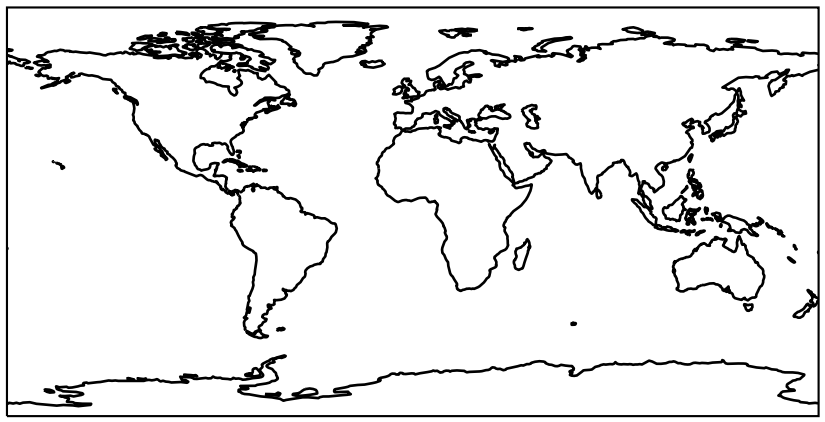
EmisMACR_Anthro

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



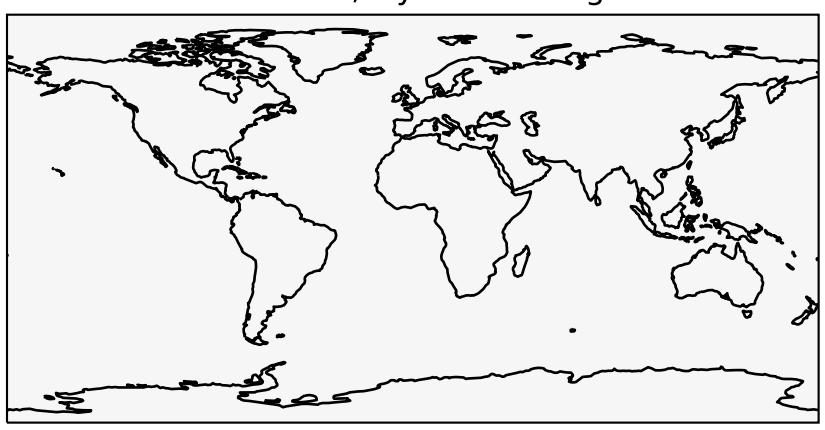
Zero throughout domain
kg/m2/s

GCHP_13.2.0-beta.0 (Dev)
c48



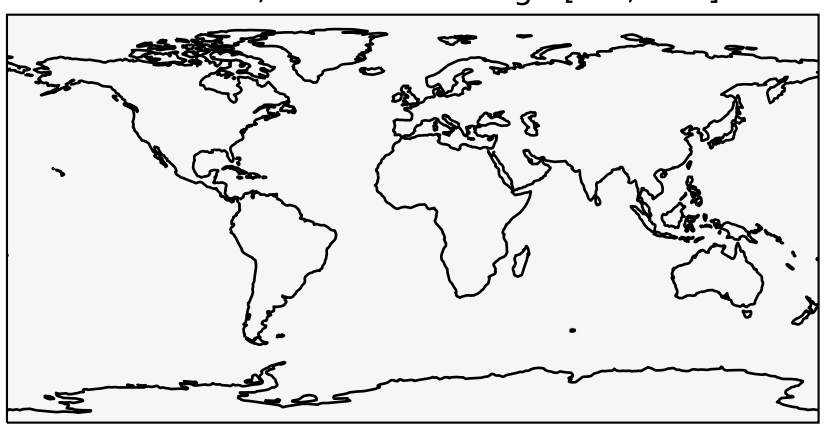
Zero throughout domain
kg/m2/s

Difference (1x1.25)
Dev - Ref, Dynamic Range



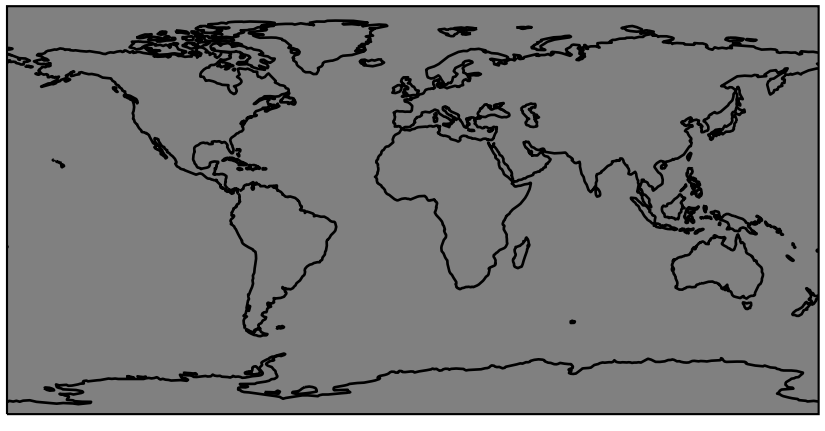
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kg/m2/s

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



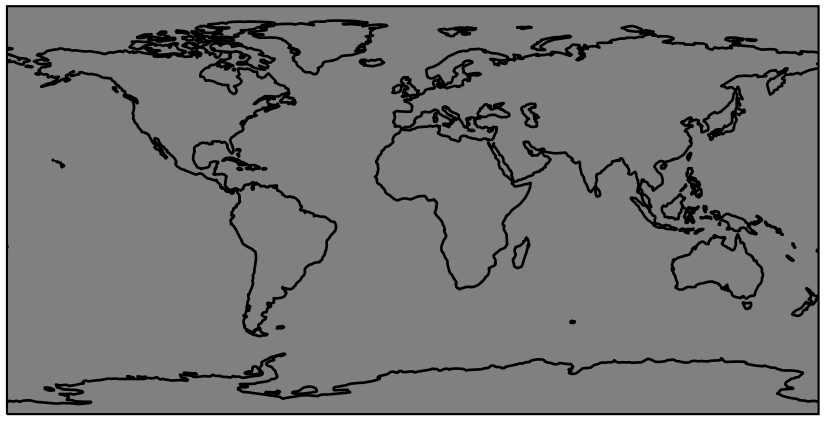
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kg/m2/s

Ratio (1x1.25)
Dev/Ref, Dynamic Range



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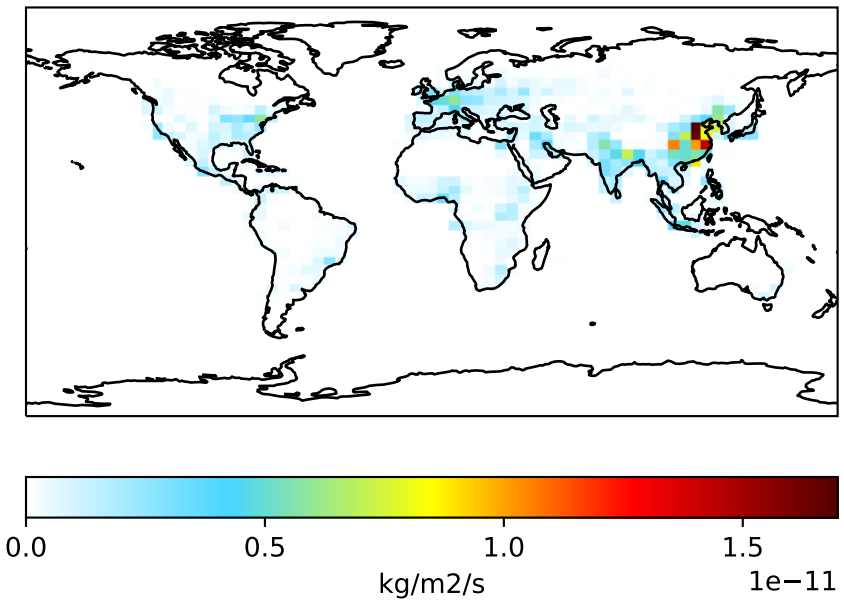
Ratio (1x1.25)
Dev/Ref, Fixed Range



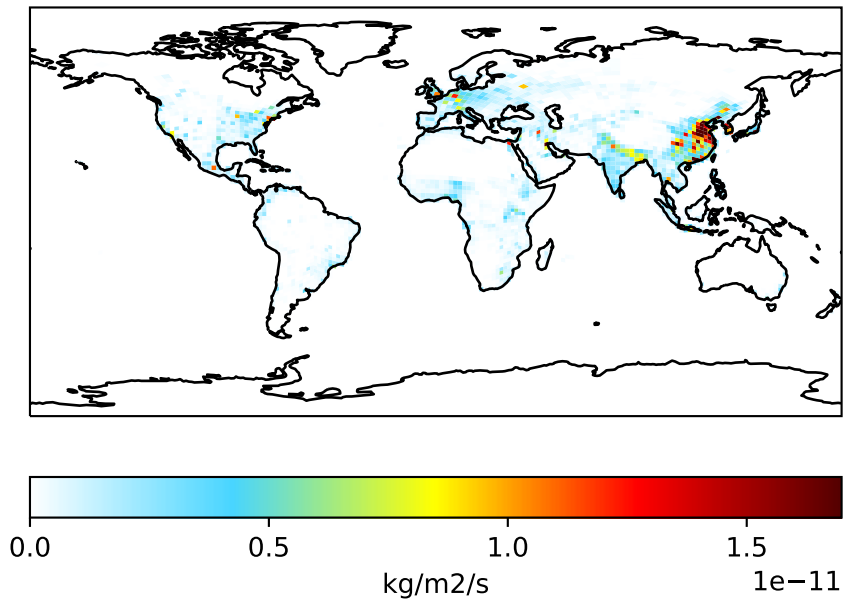
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EmisMEK_Anthro

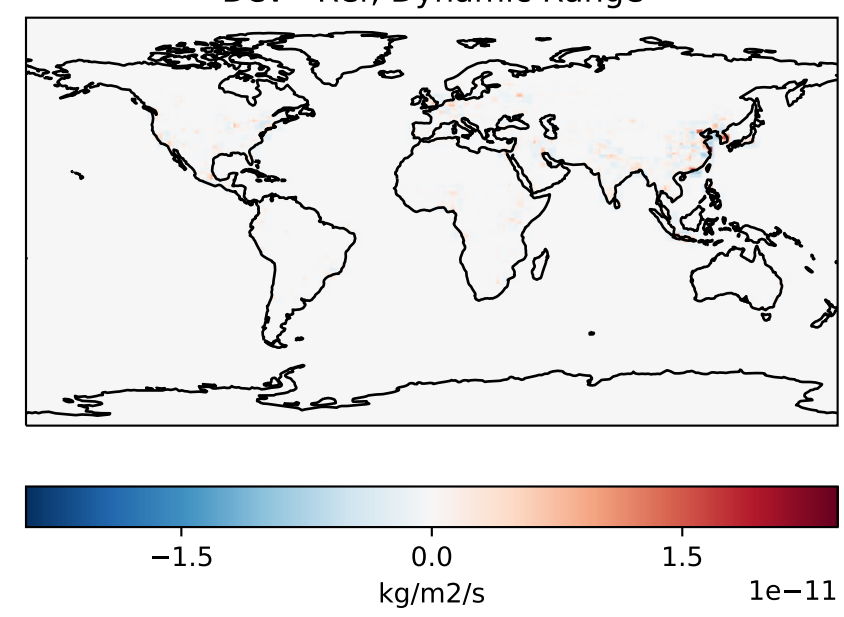
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



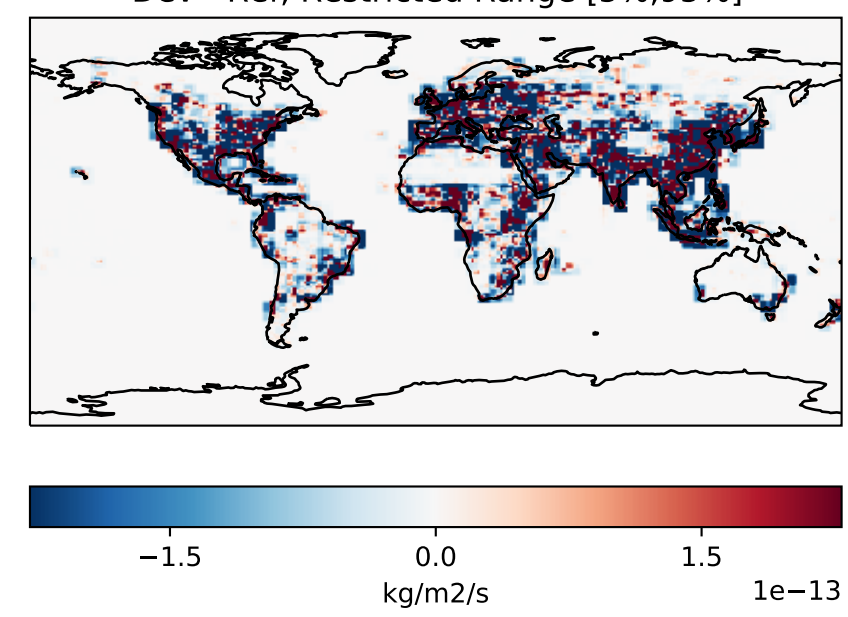
GCHP_13.2.0-beta.0 (Dev)
c48



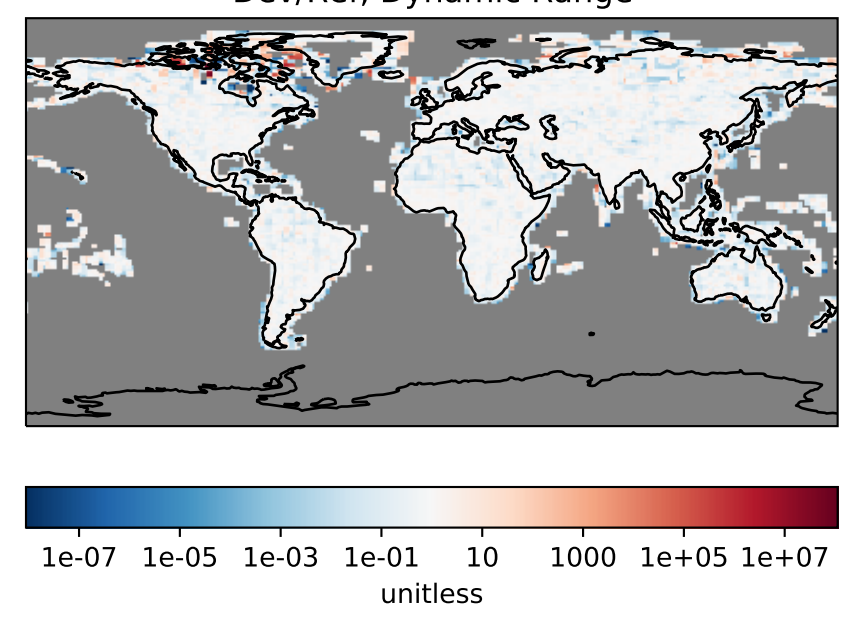
Difference (1x1.25)
Dev - Ref, Dynamic Range



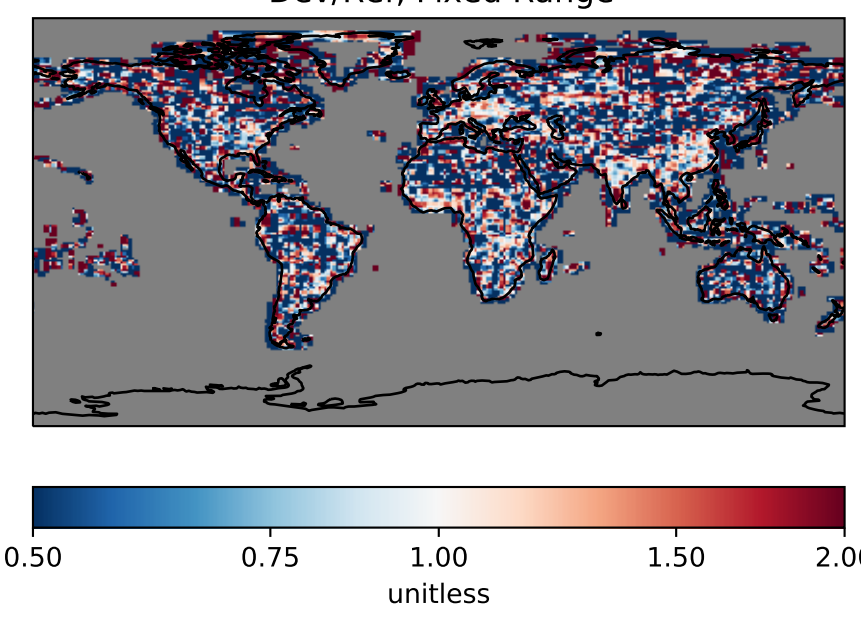
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

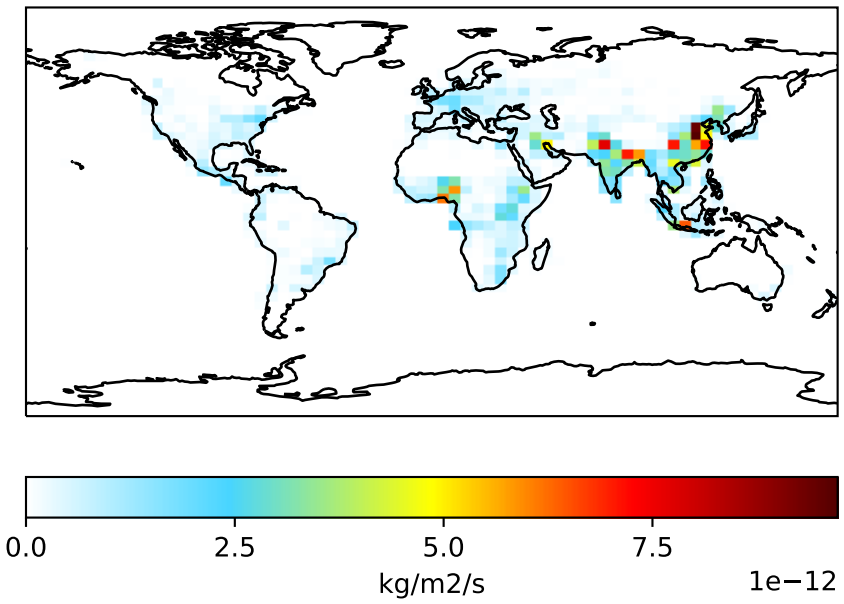


Ratio (1x1.25)
Dev/Ref, Fixed Range

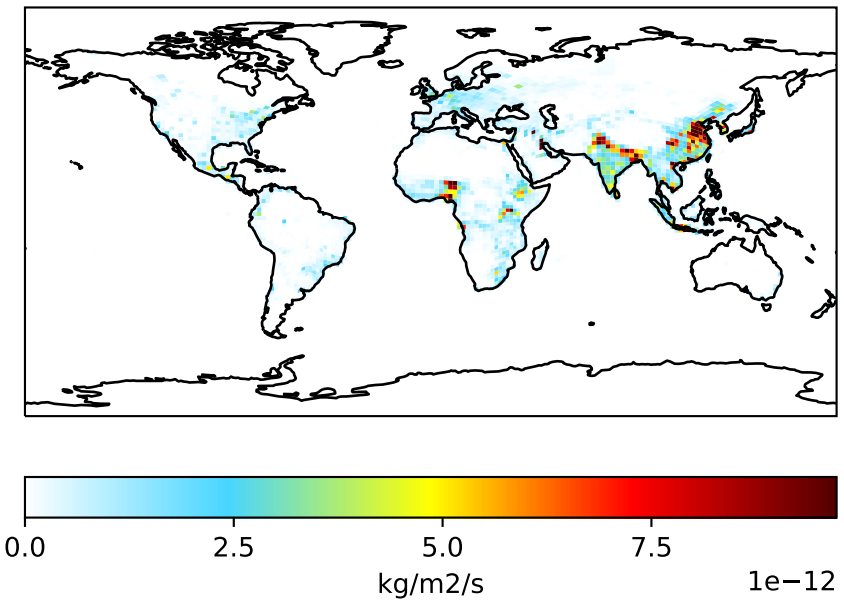


EmisMOH_Anthro

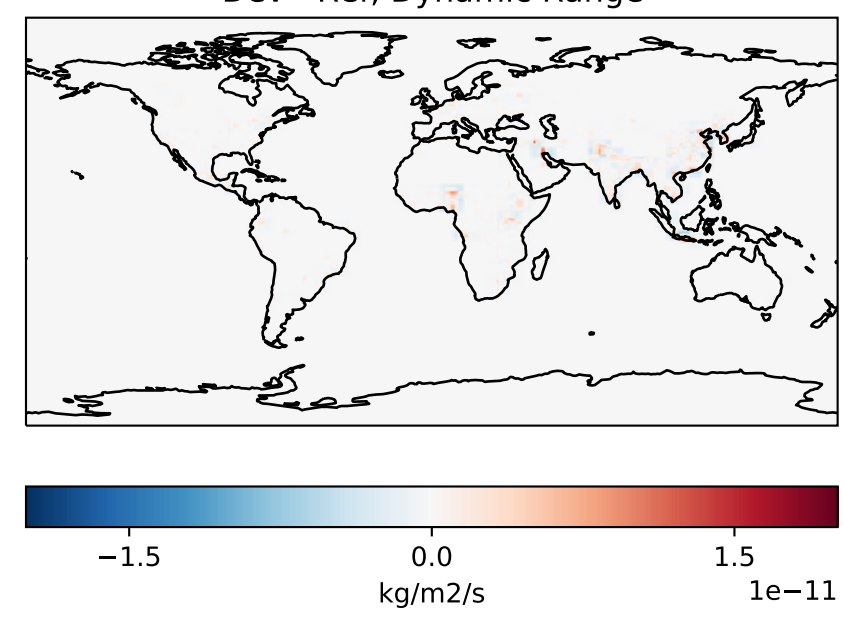
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



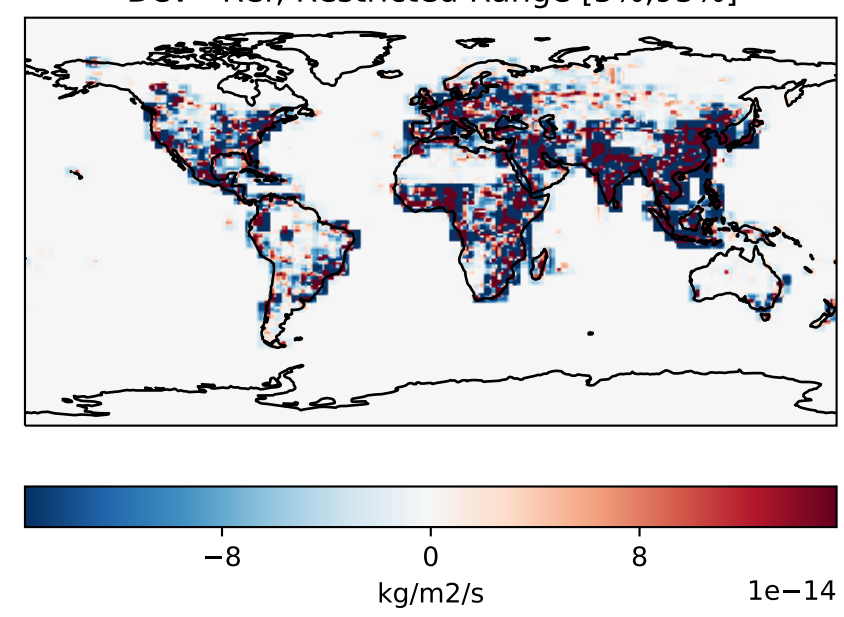
GCHP_13.2.0-beta.0 (Dev)
c48



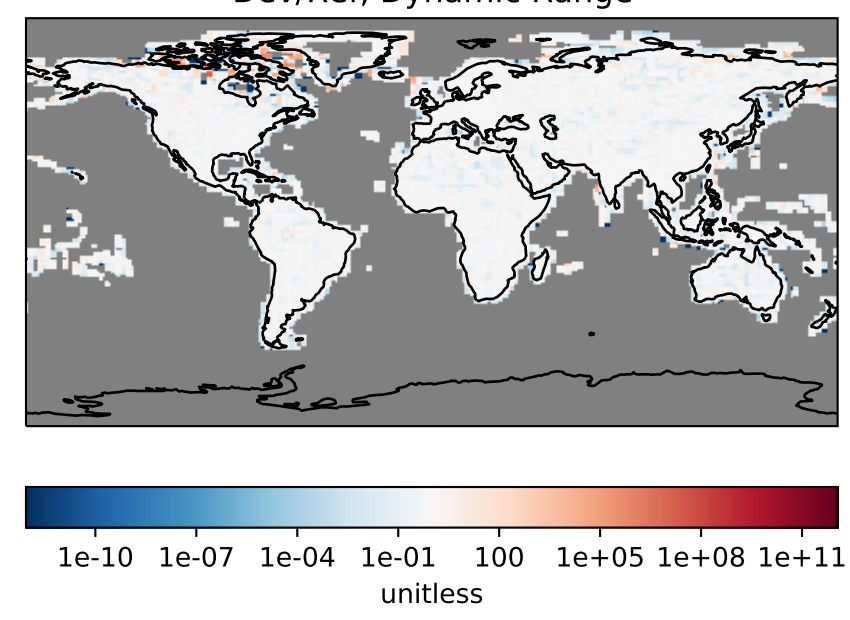
Difference (1x1.25)
Dev - Ref, Dynamic Range



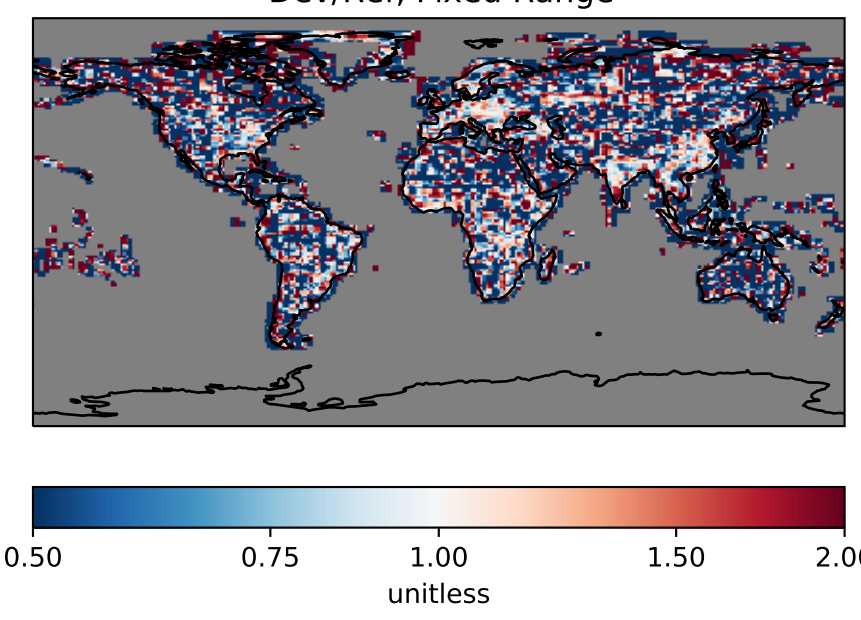
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

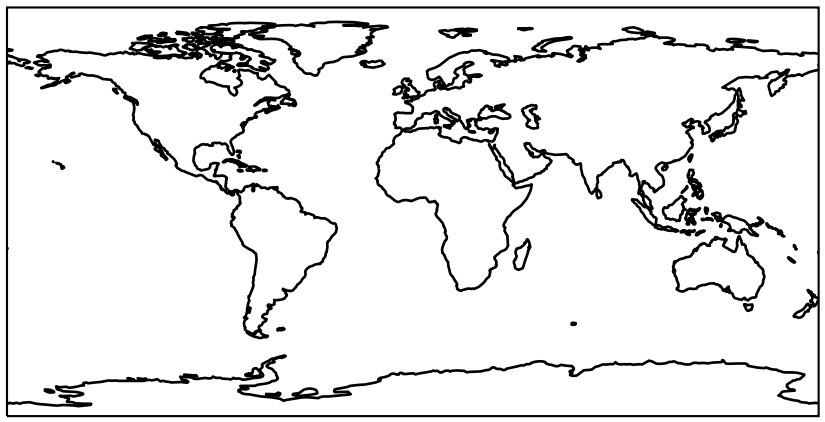


Ratio (1x1.25)
Dev/Ref, Fixed Range



EmisMVK_Anthro

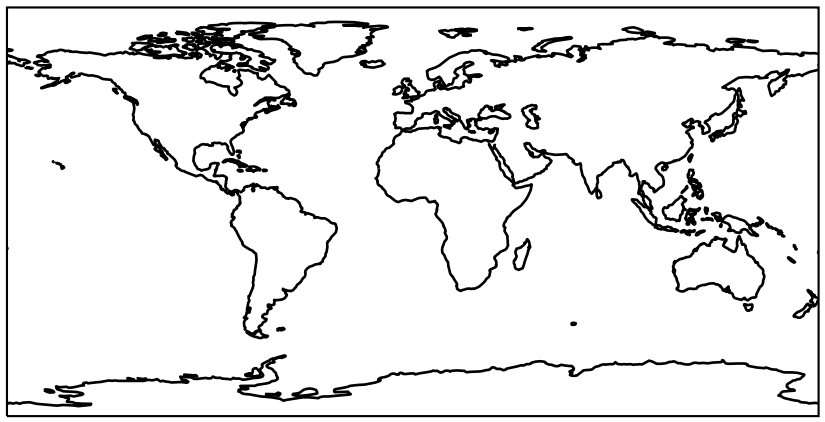
GCC_13.2.0-beta.0 (Ref)
4.0x5.0





Zero throughout domain
kg/m2/s

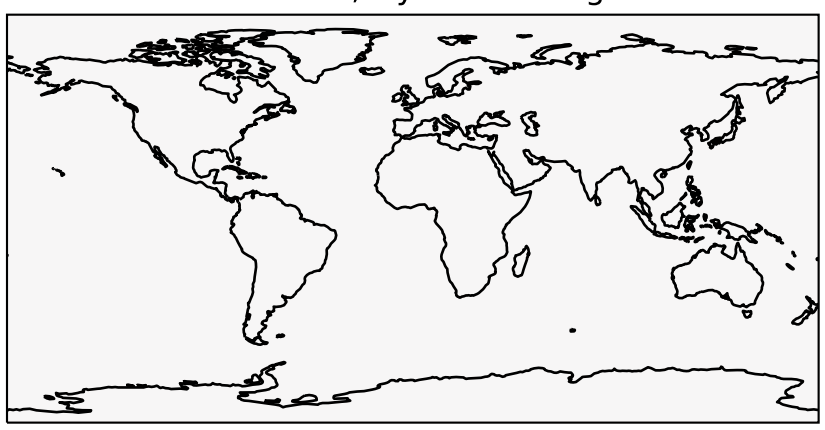
GCHP_13.2.0-beta.0 (Dev)
c48





Zero throughout domain
kg/m2/s

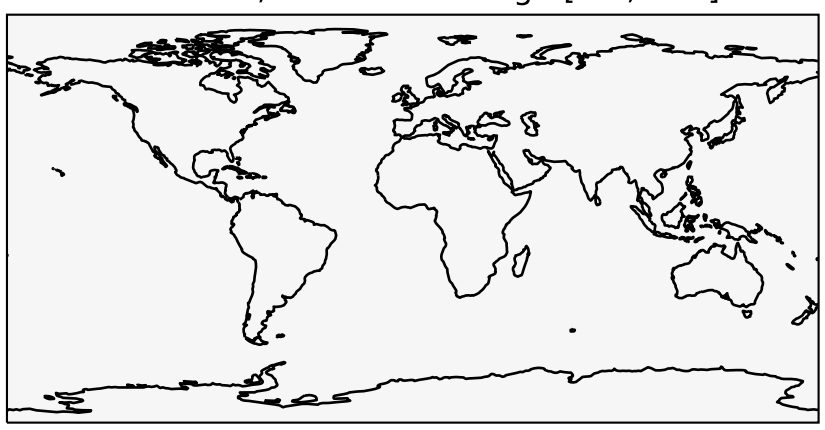
Difference (1x1.25)
Dev - Ref, Dynamic Range





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kg/m2/s

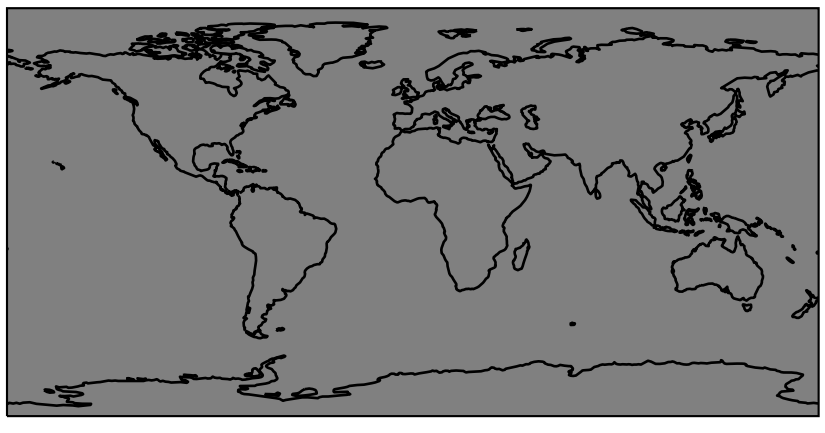
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]





Zero throughout domain
kg/m2/s

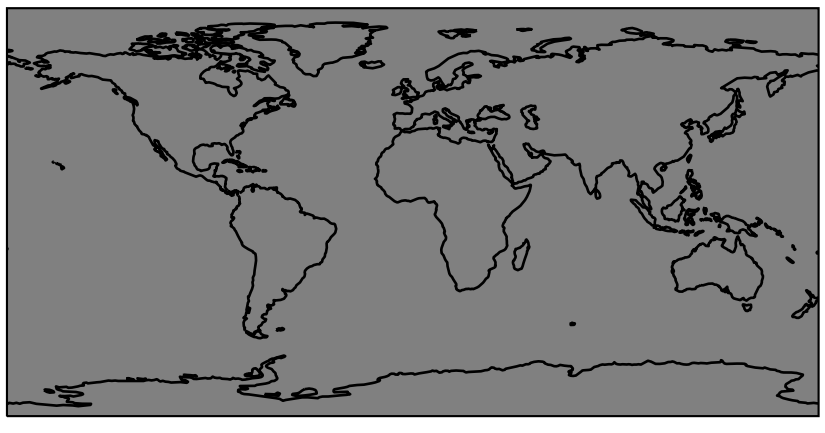
Ratio (1x1.25)
Dev/Ref, Dynamic Range





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Ratio (1x1.25)
Dev/Ref, Fixed Range

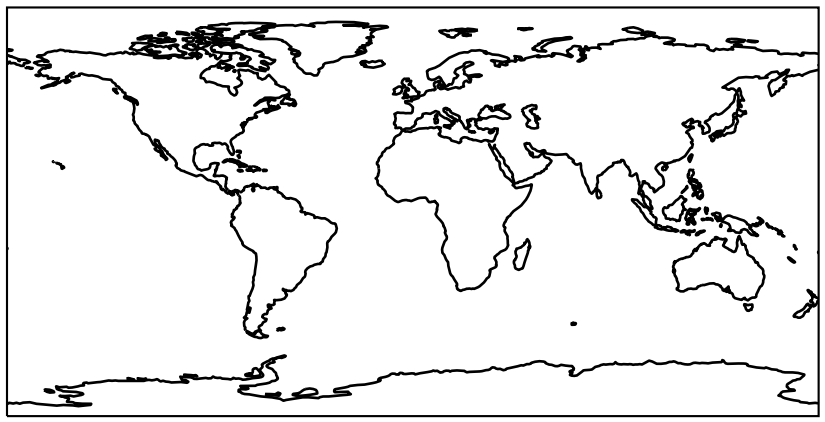




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EmisNAP_Anthro

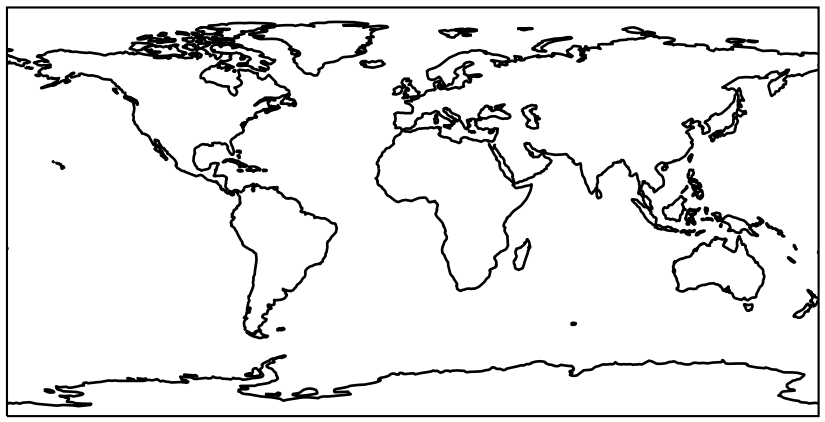
GCC_13.2.0-beta.0 (Ref)
4.0x5.0





Zero throughout domain
kg/m2/s

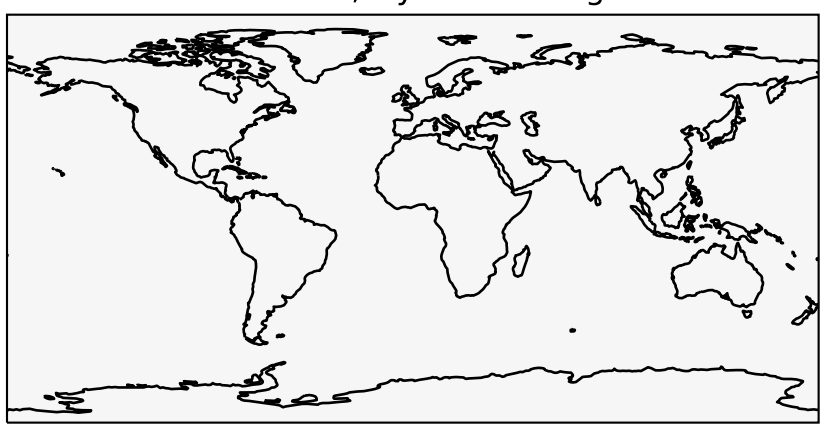
GCHP_13.2.0-beta.0 (Dev)
c48





Zero throughout domain
kg/m2/s

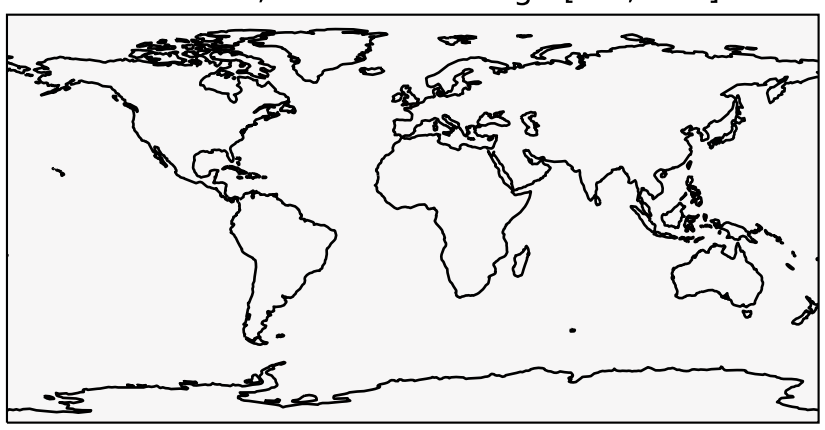
Difference (1x1.25)
Dev - Ref, Dynamic Range





Zero throughout domain
kg/m2/s

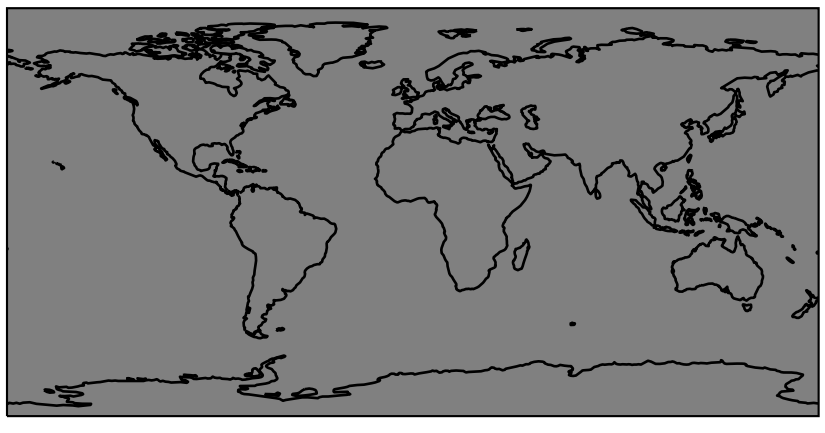
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]





Zero throughout domain
kg/m2/s

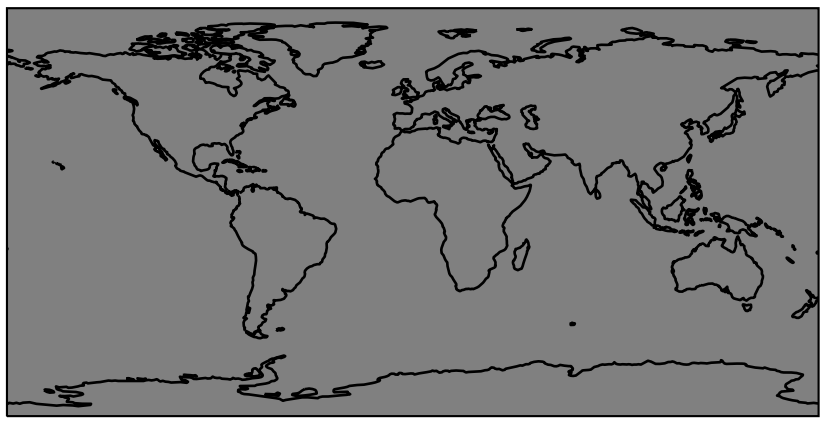
Ratio (1x1.25)
Dev/Ref, Dynamic Range





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Ratio (1x1.25)
Dev/Ref, Fixed Range

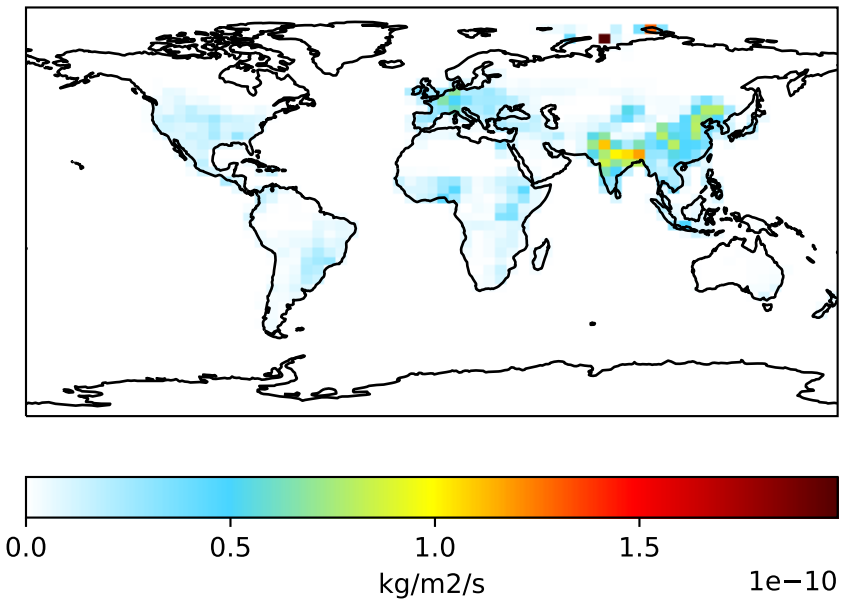




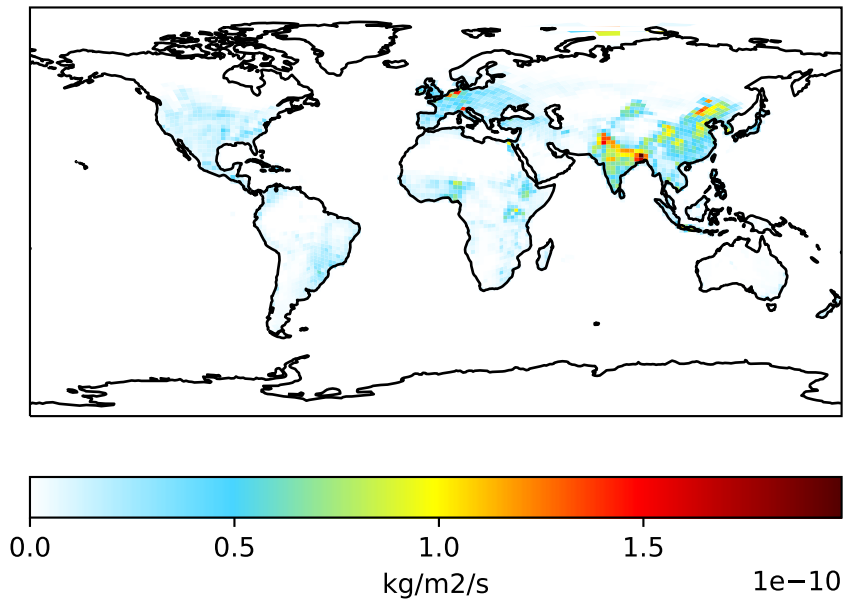
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EmisNH3_Anthro

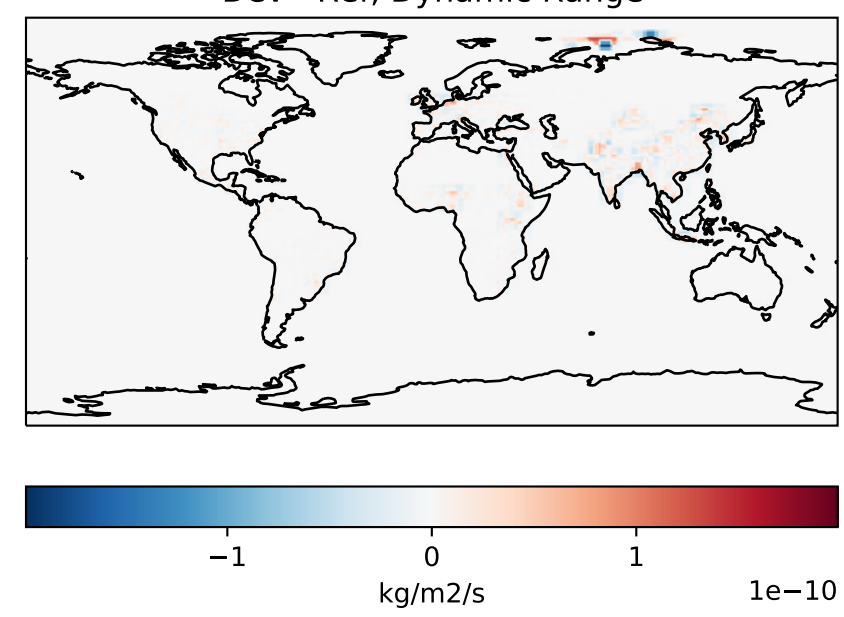
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



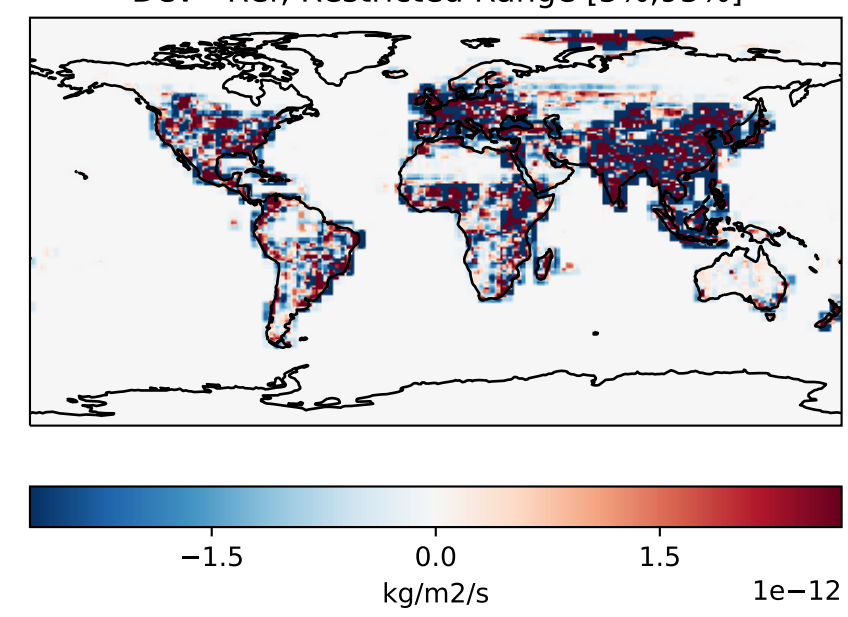
GCHP_13.2.0-beta.0 (Dev)
c48



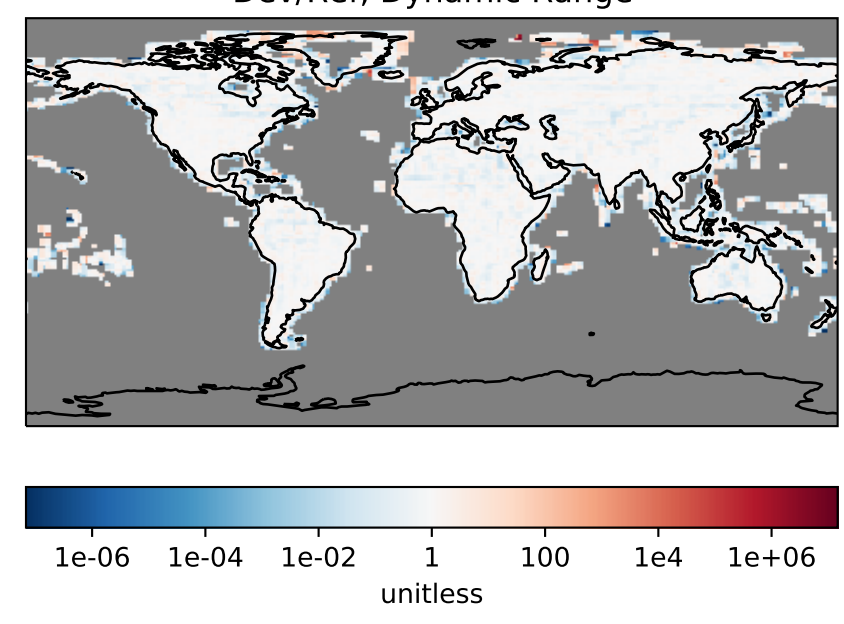
Difference (1x1.25)
Dev - Ref, Dynamic Range



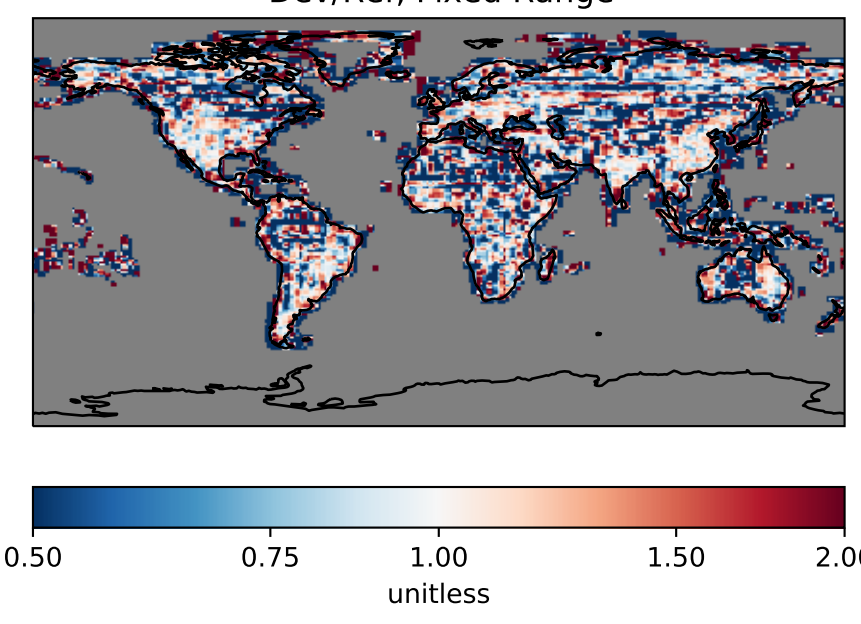
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

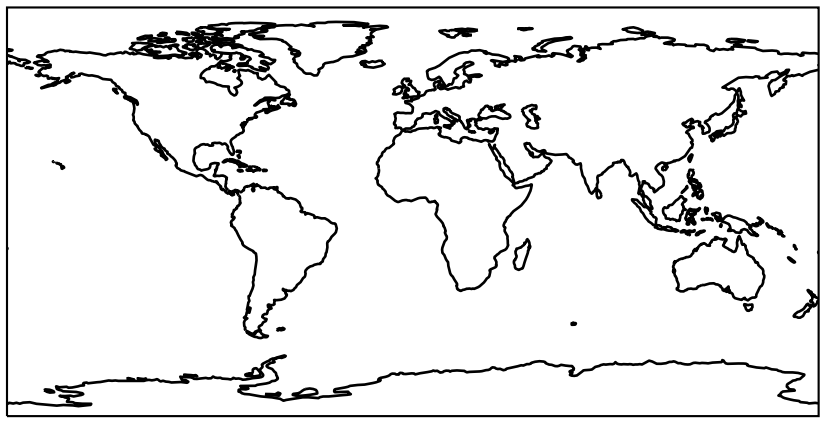


Ratio (1x1.25)
Dev/Ref, Fixed Range



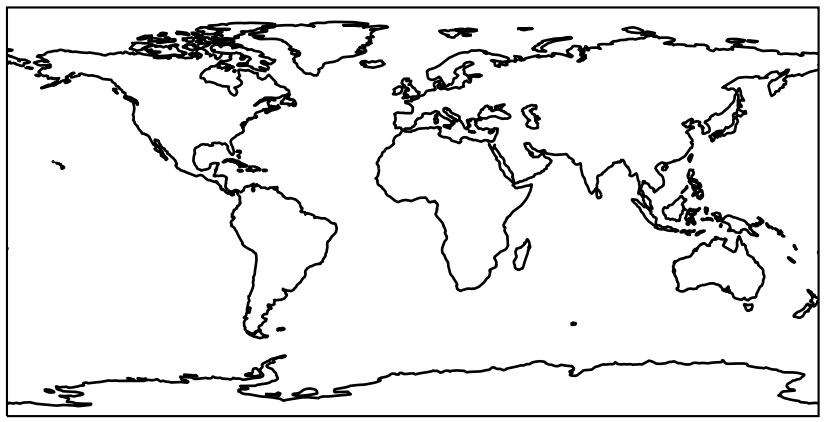
EmisNO2_Anthro

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



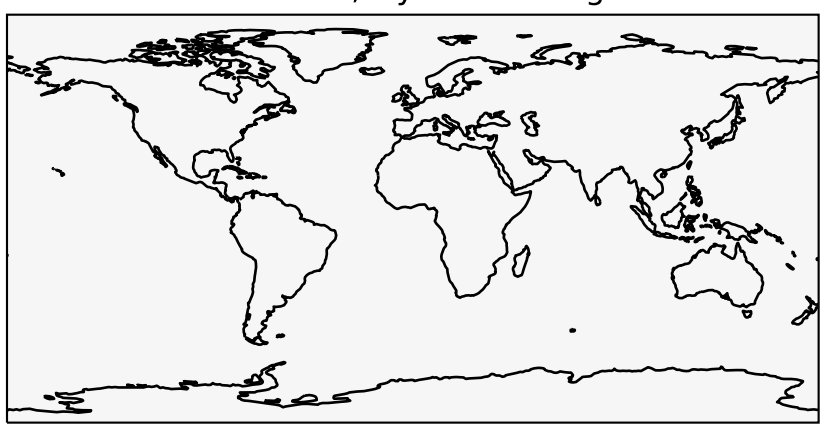
Zero throughout domain
kg/m2/s

GCHP_13.2.0-beta.0 (Dev)
c48



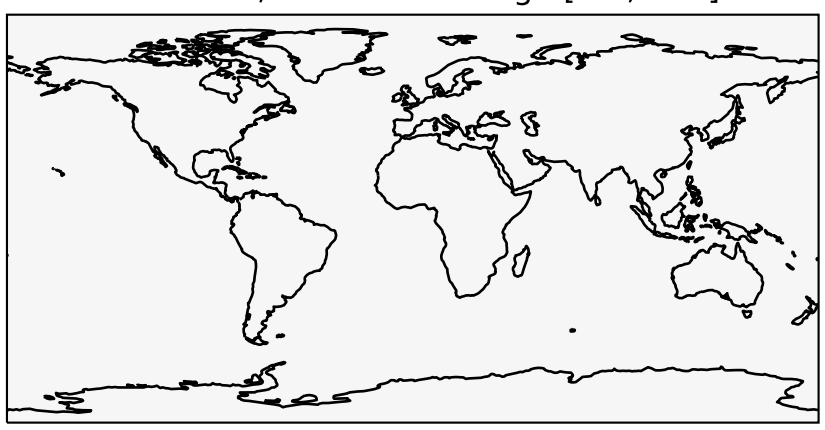
Zero throughout domain
kg/m2/s

Difference (1x1.25)
Dev - Ref, Dynamic Range



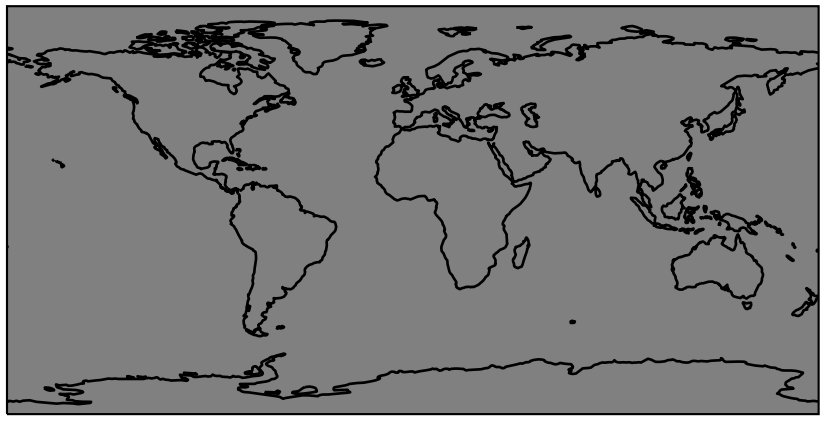
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kg/m2/s

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



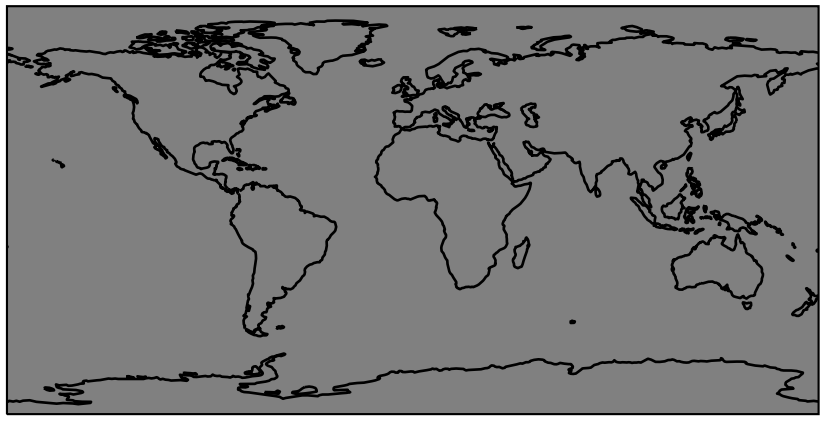
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kg/m2/s

Ratio (1x1.25)
Dev/Ref, Dynamic Range



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unitless

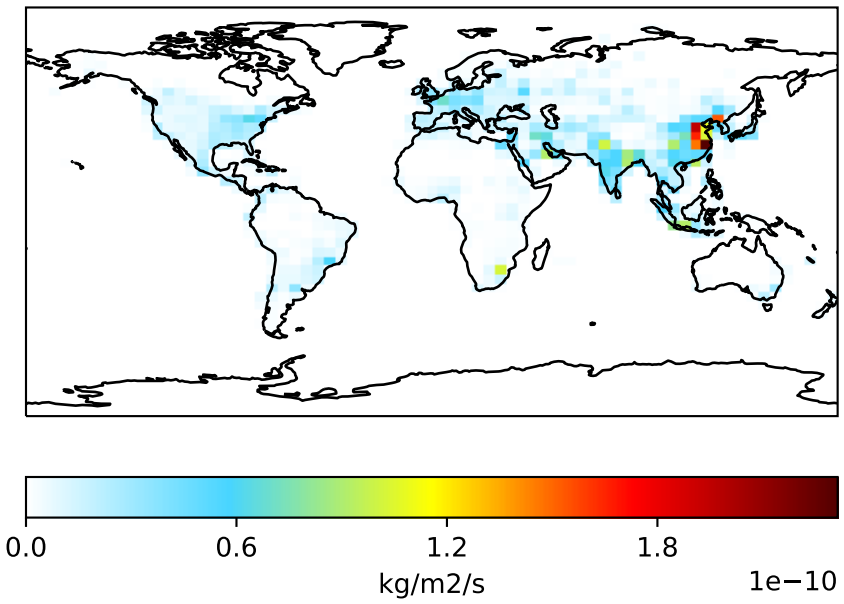
Ratio (1x1.25)
Dev/Ref, Fixed Range



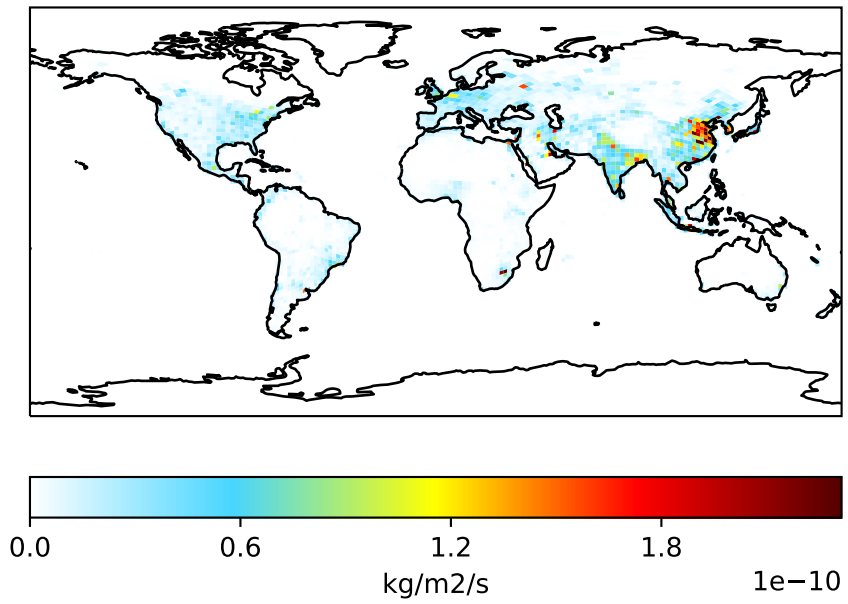
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EmisNO_Anthro

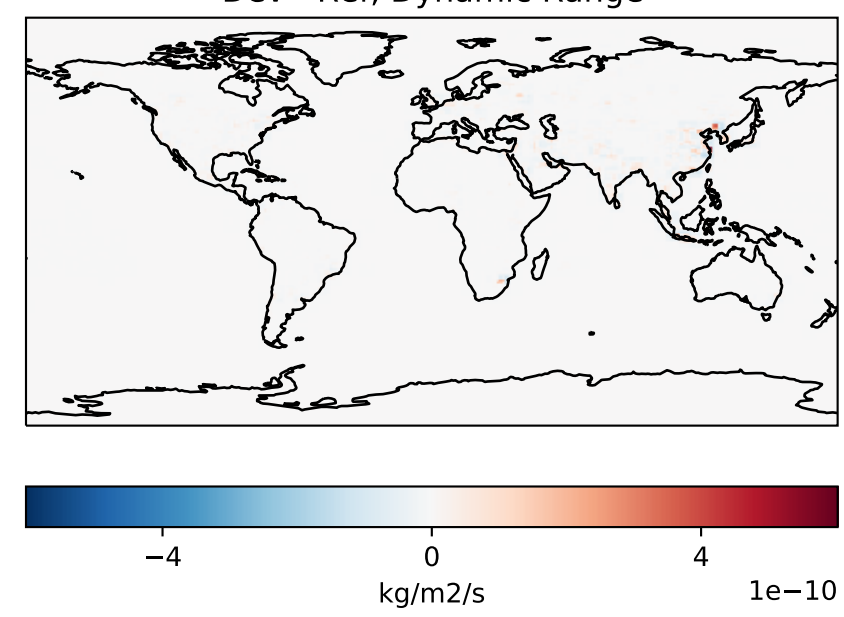
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



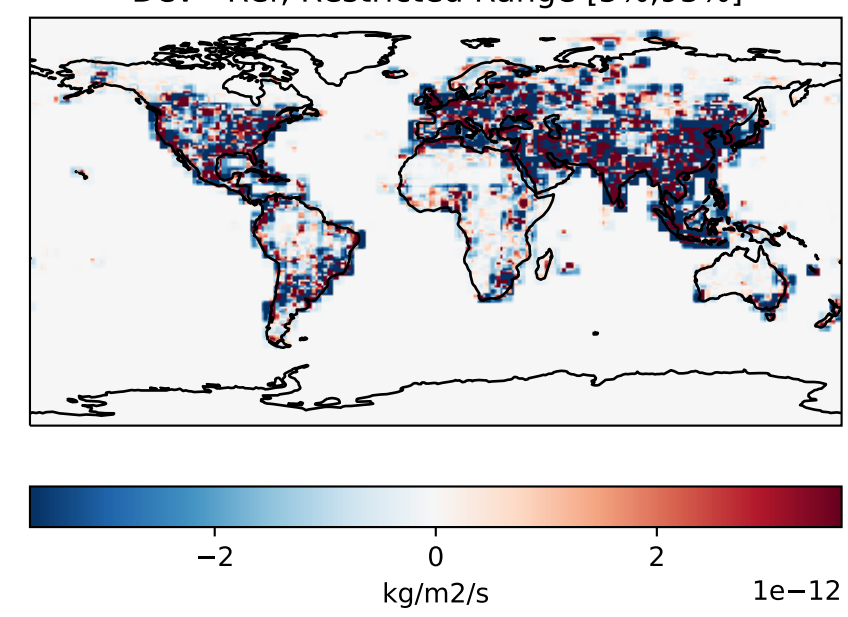
GCHP_13.2.0-beta.0 (Dev)
c48



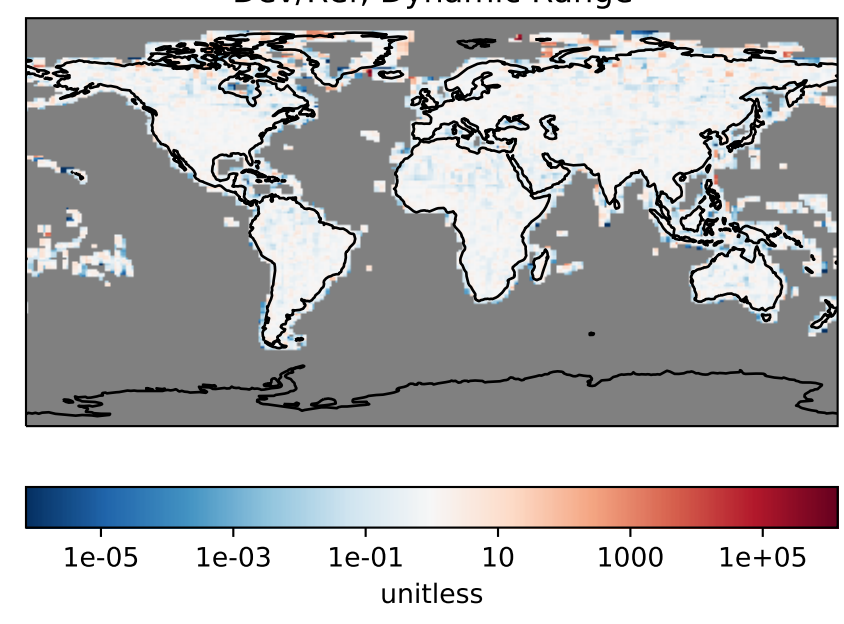
Difference (1x1.25)
Dev - Ref, Dynamic Range



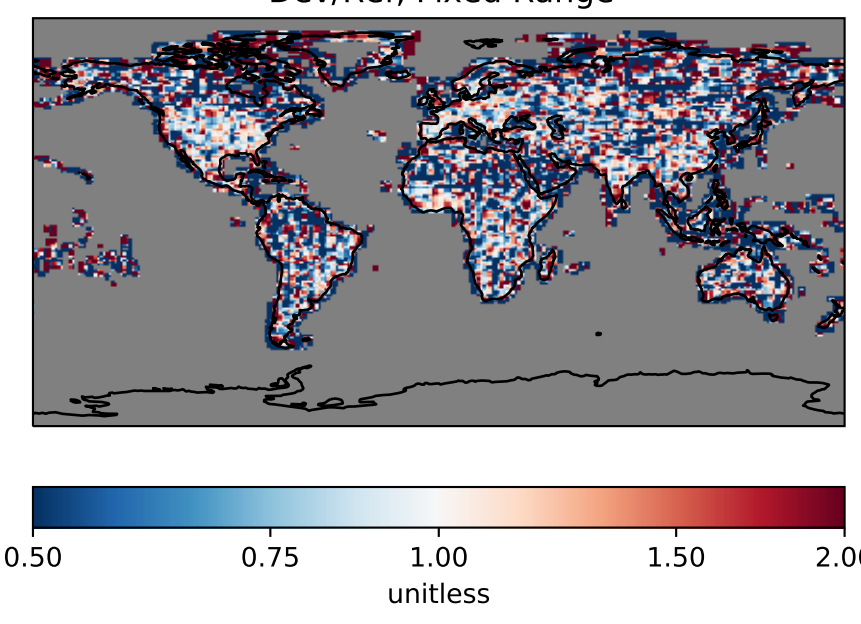
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

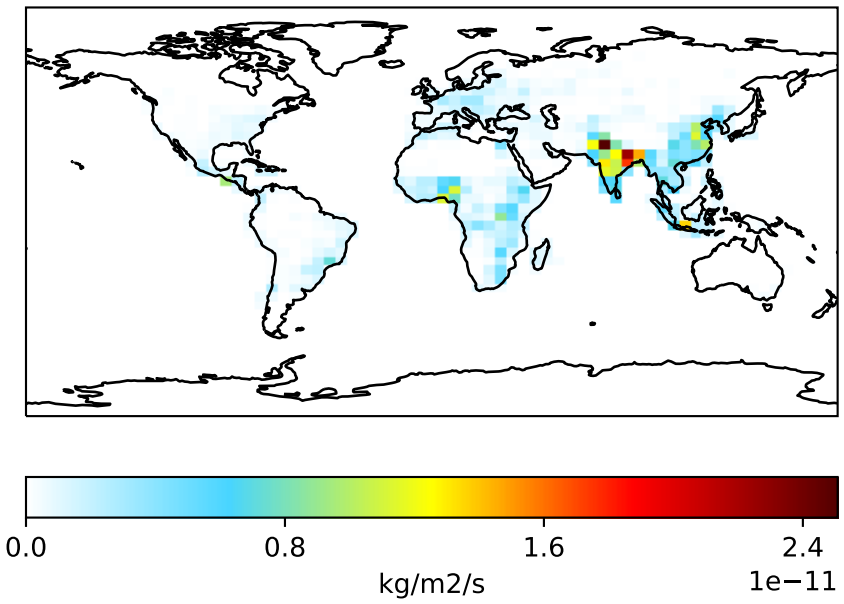


Ratio (1x1.25)
Dev/Ref, Fixed Range

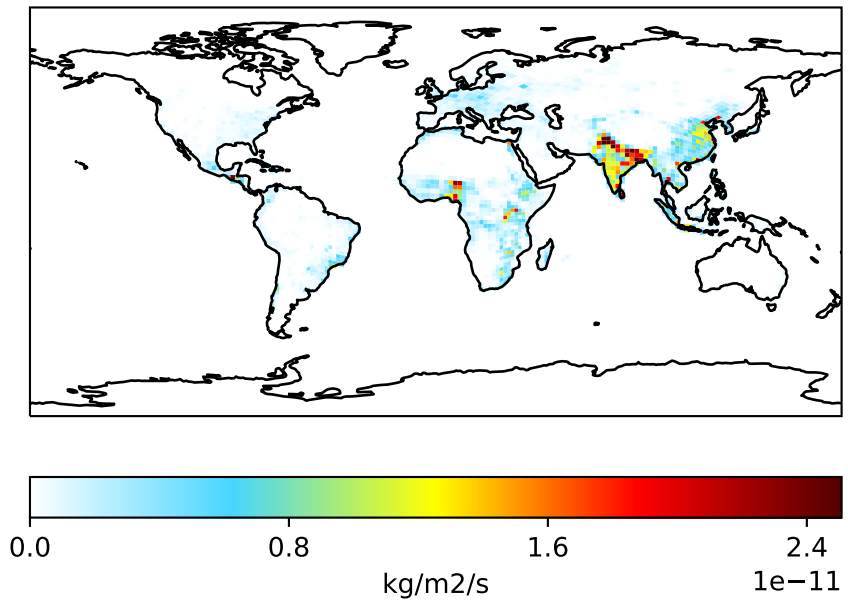


EmisOCPI_Anthro

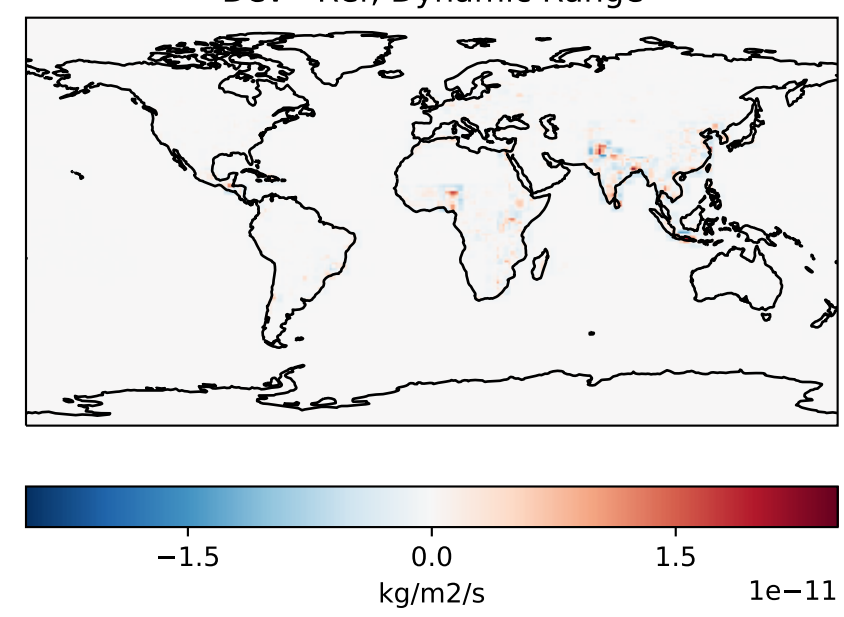
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



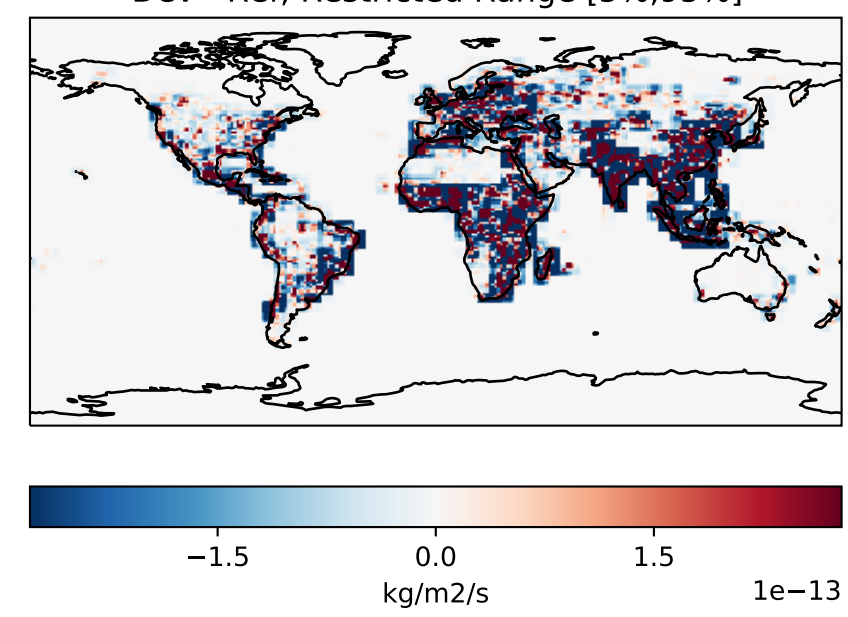
GCHP_13.2.0-beta.0 (Dev)
c48



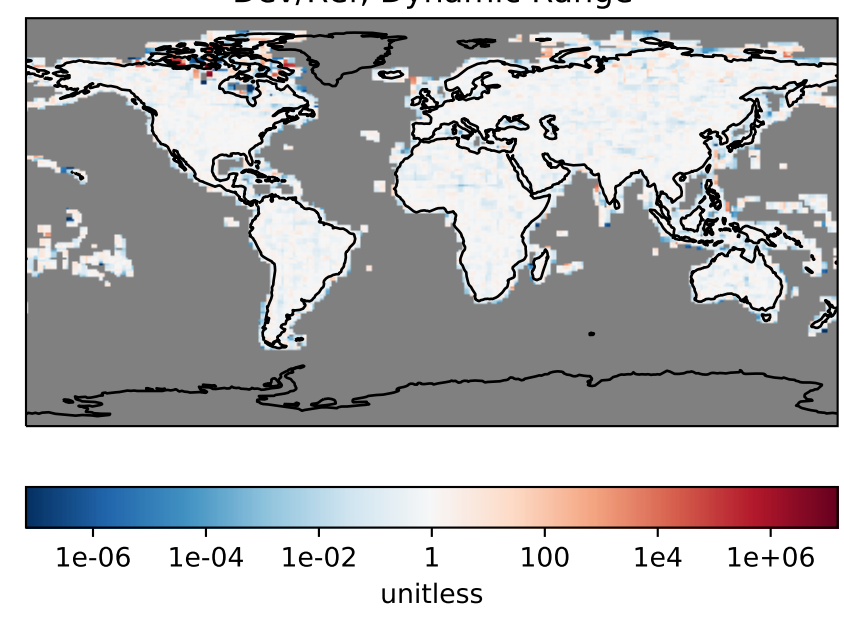
Difference (1x1.25)
Dev - Ref, Dynamic Range



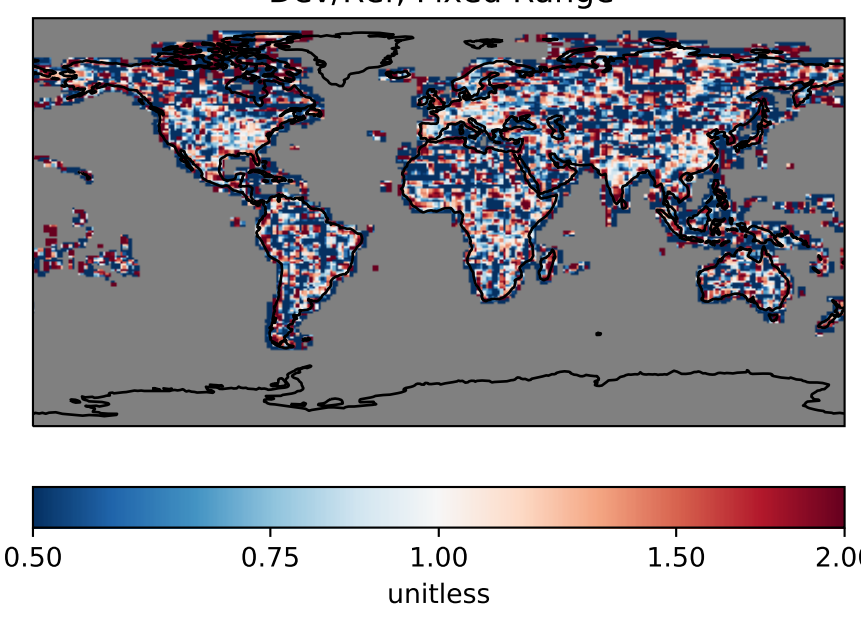
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

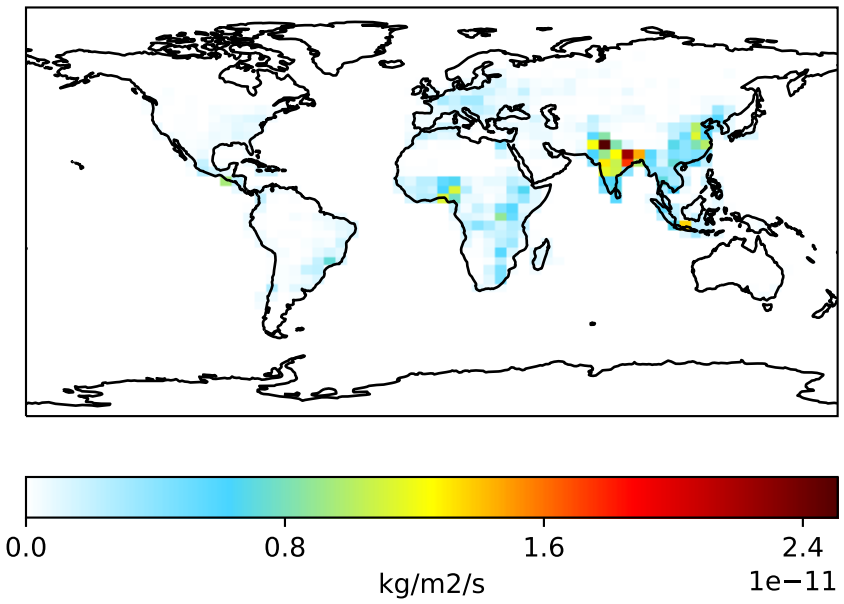


Ratio (1x1.25)
Dev/Ref, Fixed Range

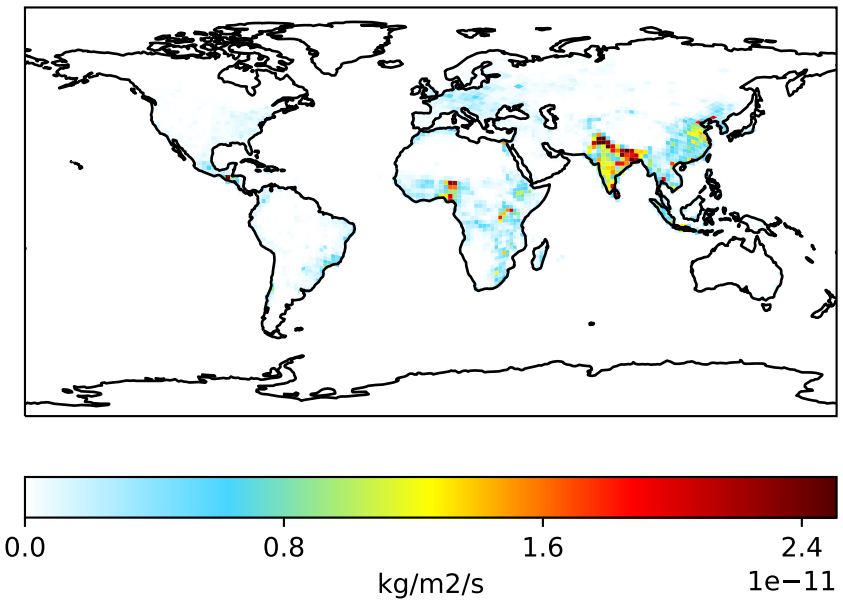


EmisOCPO_Anthro

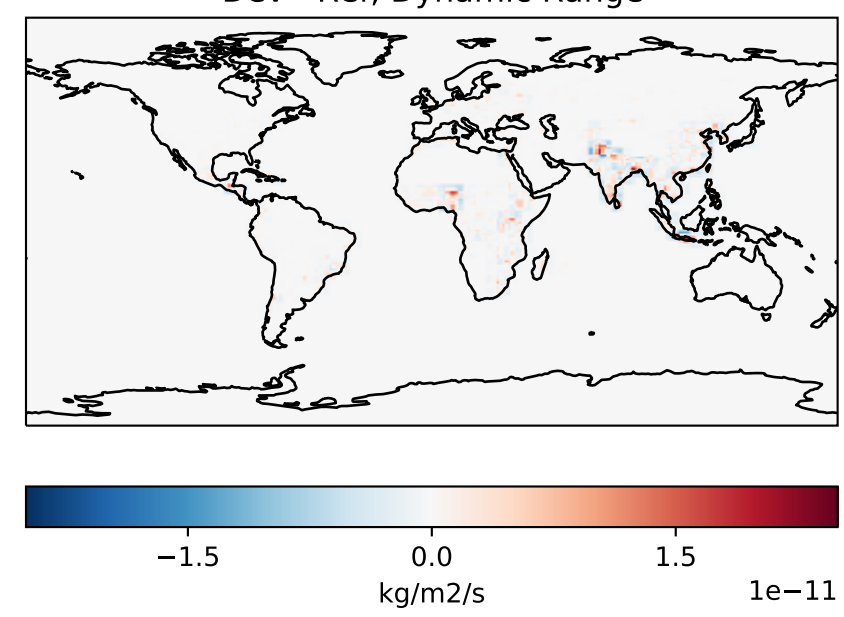
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



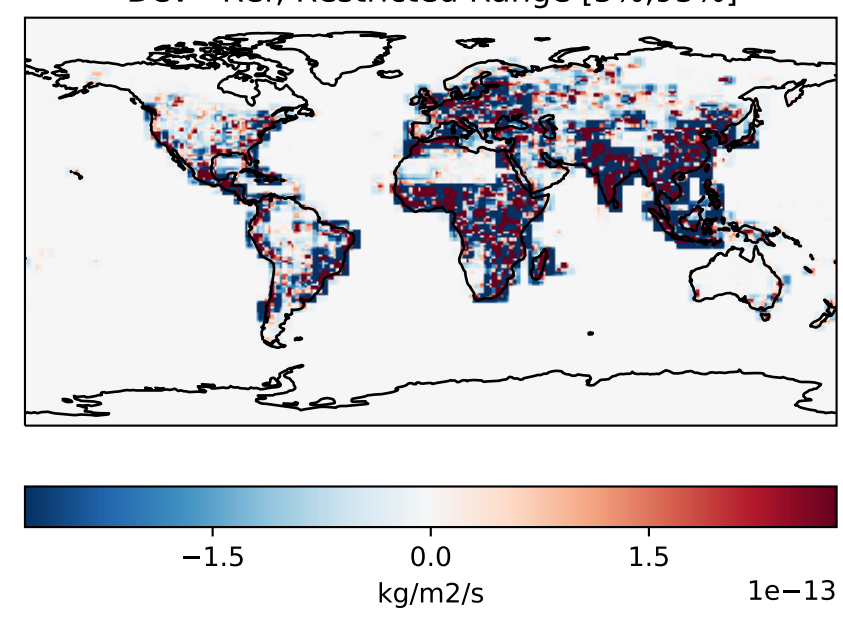
GCHP_13.2.0-beta.0 (Dev)
c48



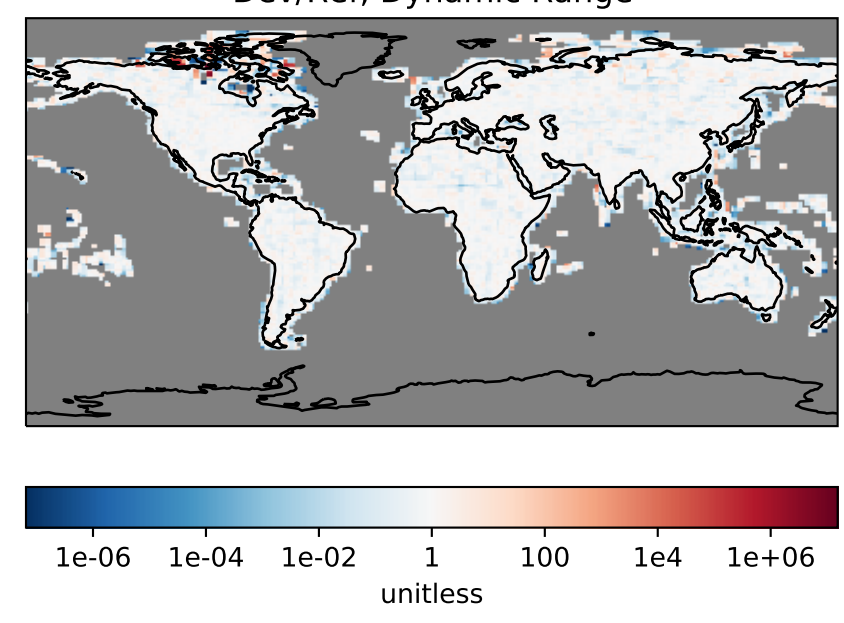
Difference (1x1.25)
Dev - Ref, Dynamic Range



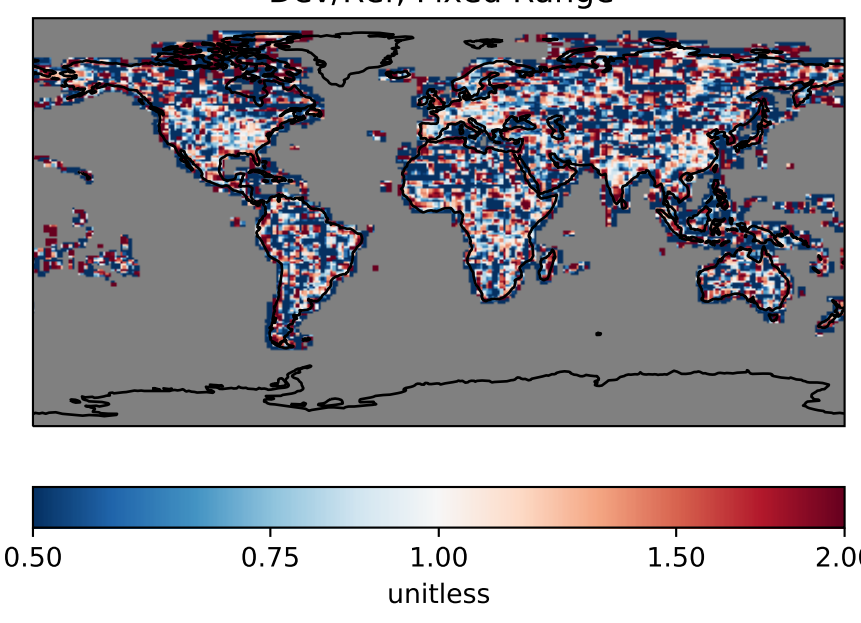
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

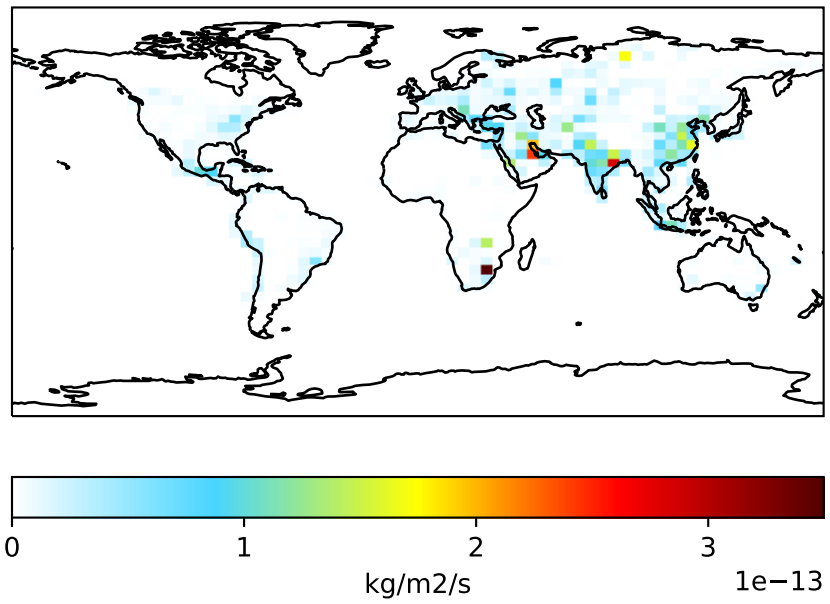


Ratio (1x1.25)
Dev/Ref, Fixed Range

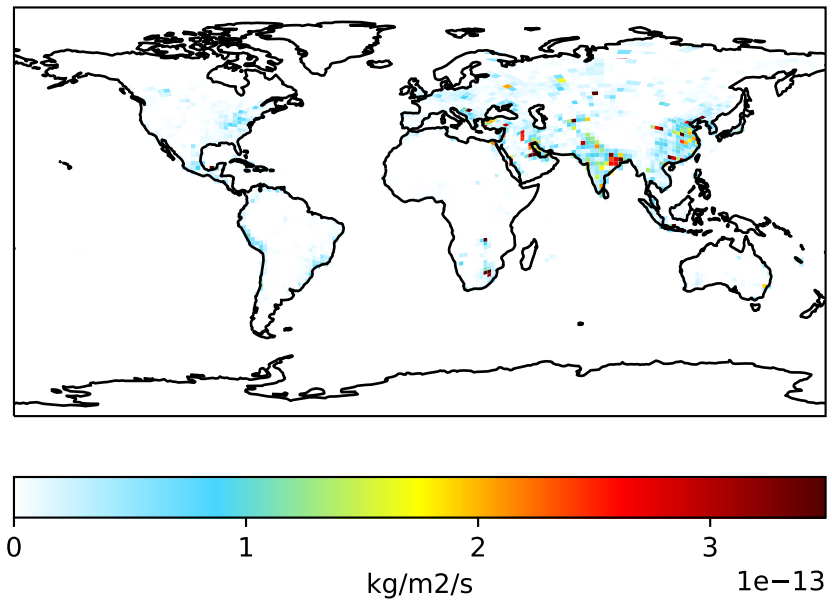


EmispFe_Anthro

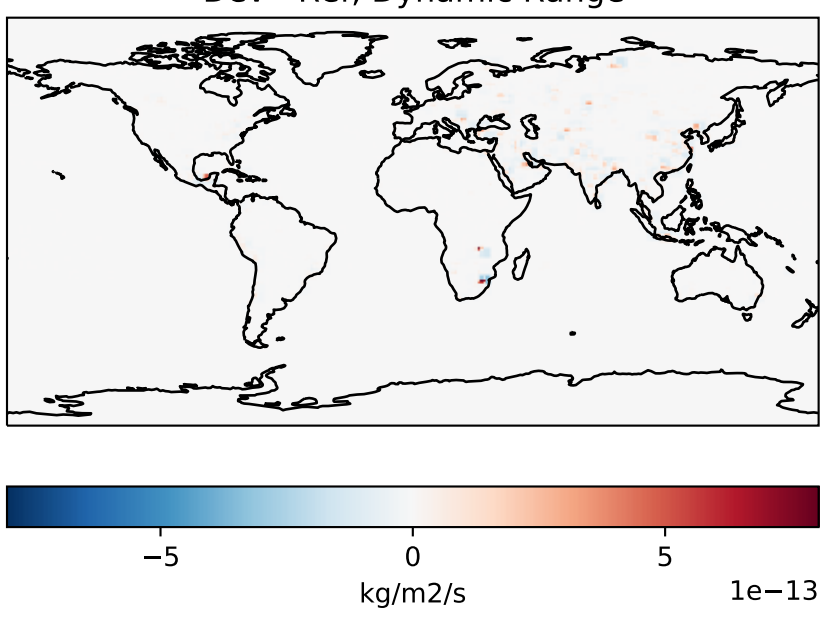
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



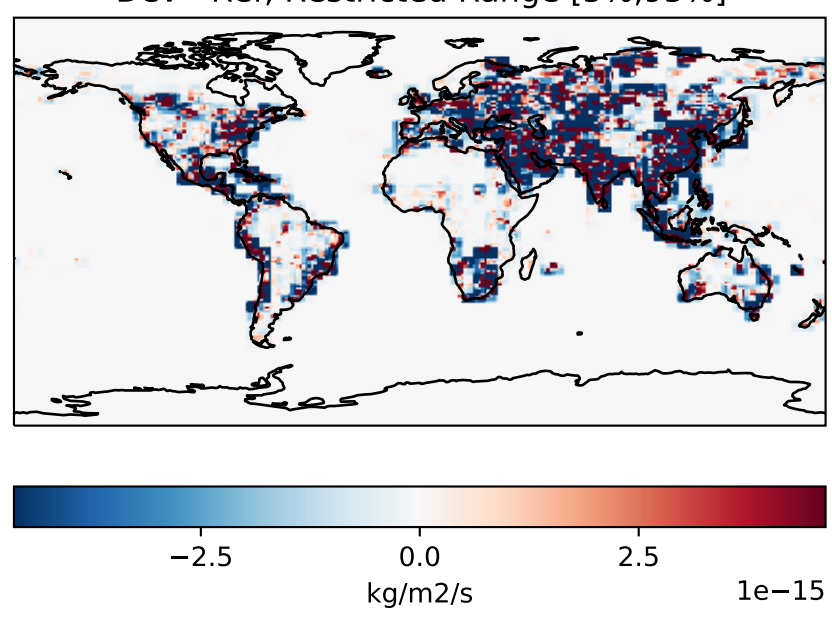
GCHP_13.2.0-beta.0 (Dev)
c48



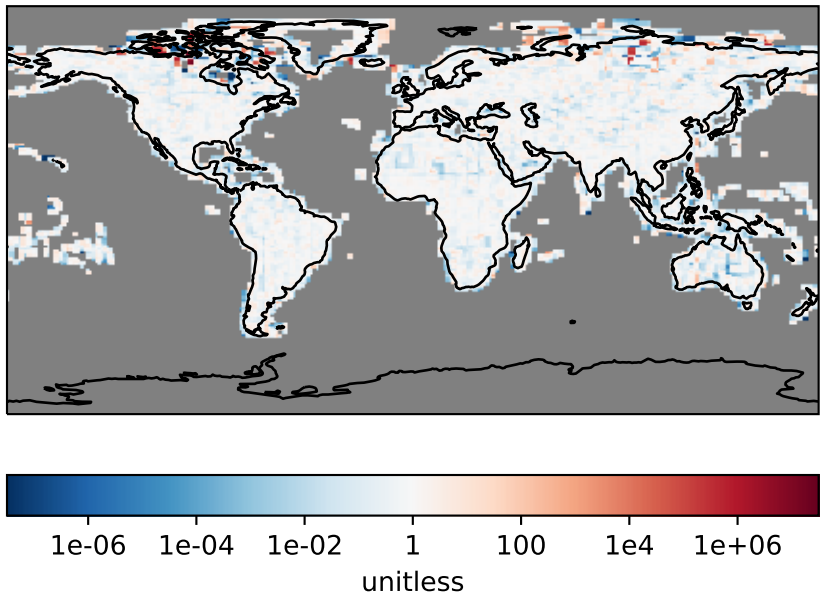
Difference (1x1.25)
Dev - Ref, Dynamic Range



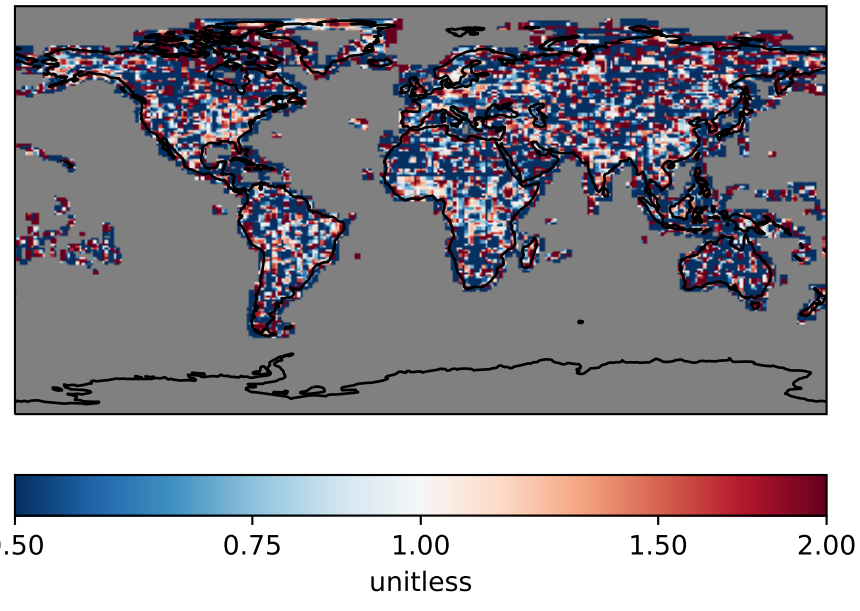
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

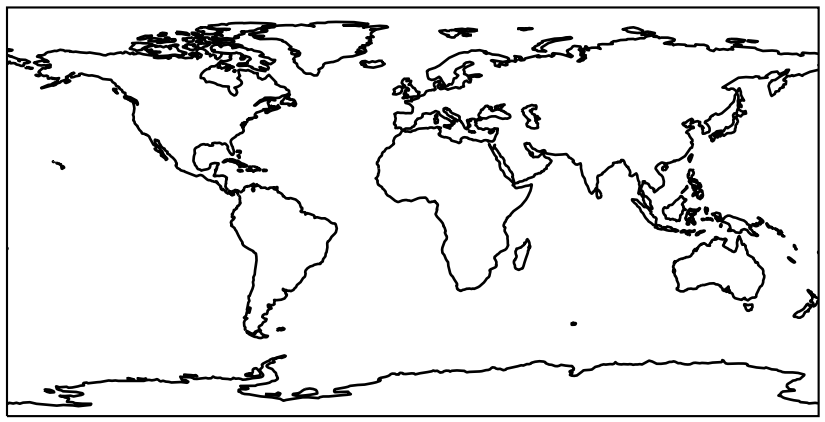


Ratio (1x1.25)
Dev/Ref, Fixed Range



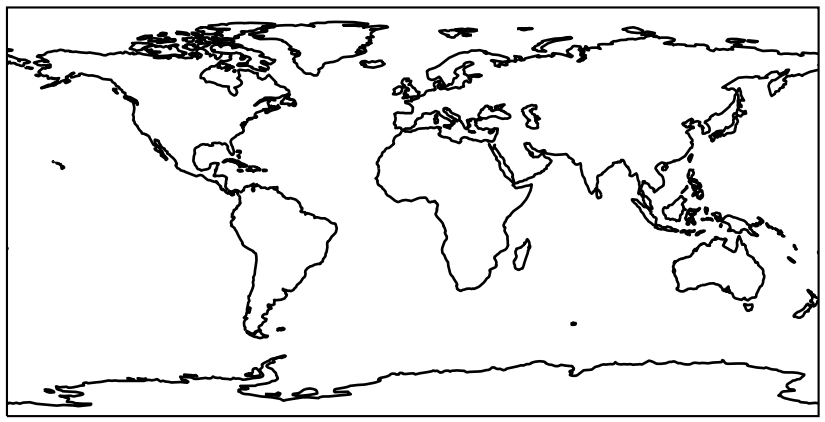
EmisPOG1_Anthro

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



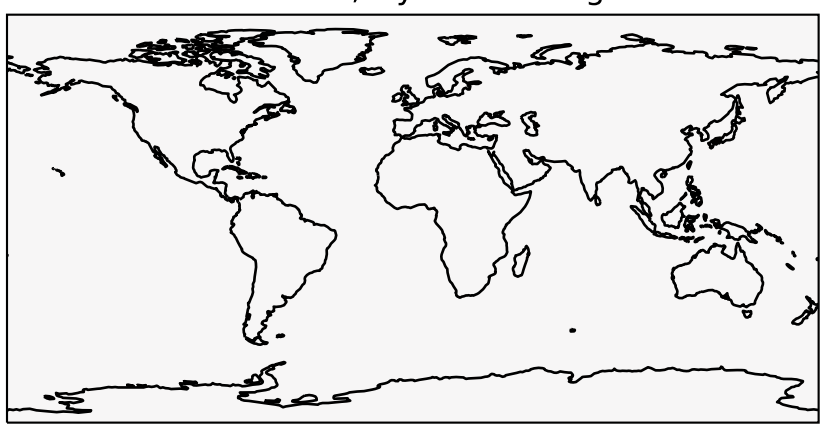
Zero throughout domain
kg/m2/s

GCHP_13.2.0-beta.0 (Dev)
c48



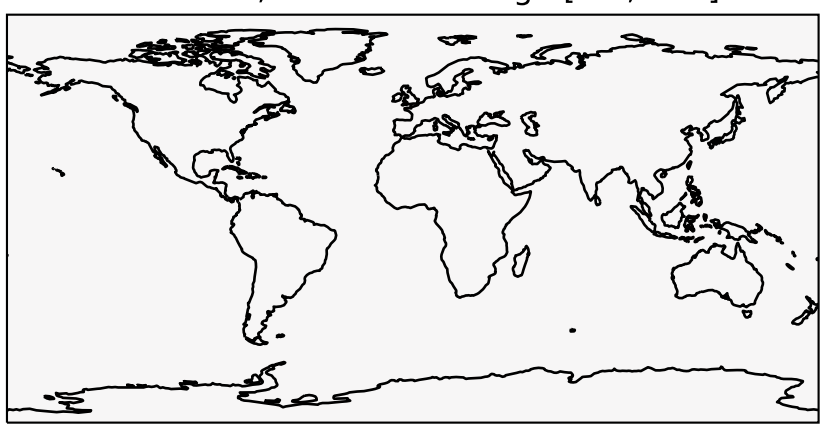
Zero throughout domain
kg/m2/s

Difference (1x1.25)
Dev - Ref, Dynamic Range



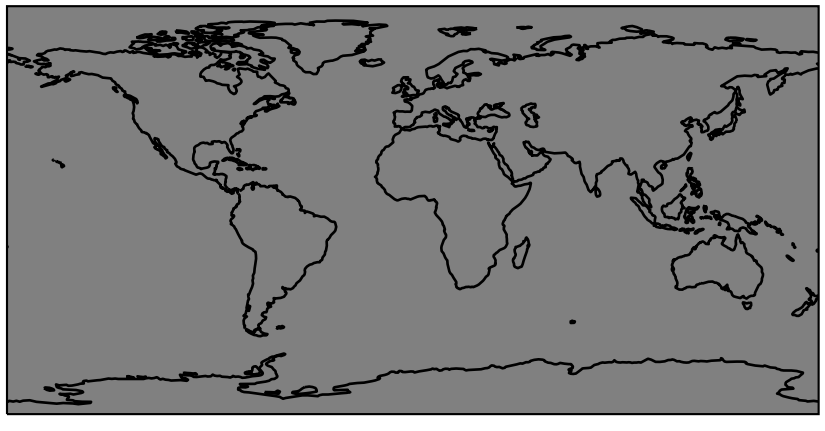
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kg/m2/s

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



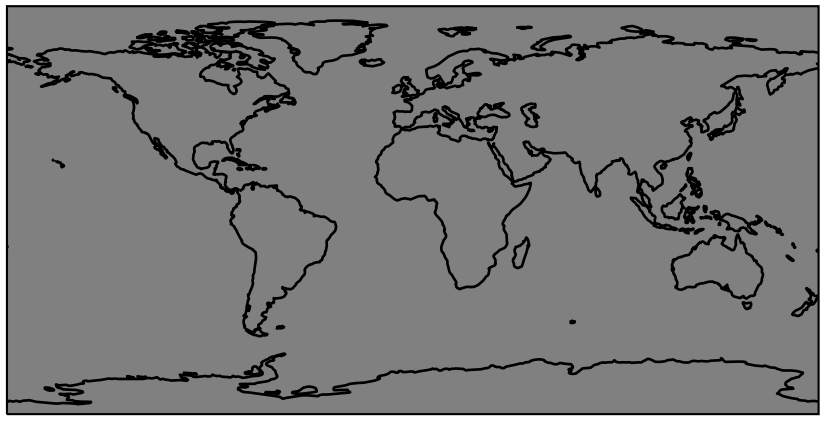
Zero throughout domain
kg/m2/s

Ratio (1x1.25)
Dev/Ref, Dynamic Range



Undefined throughout domain
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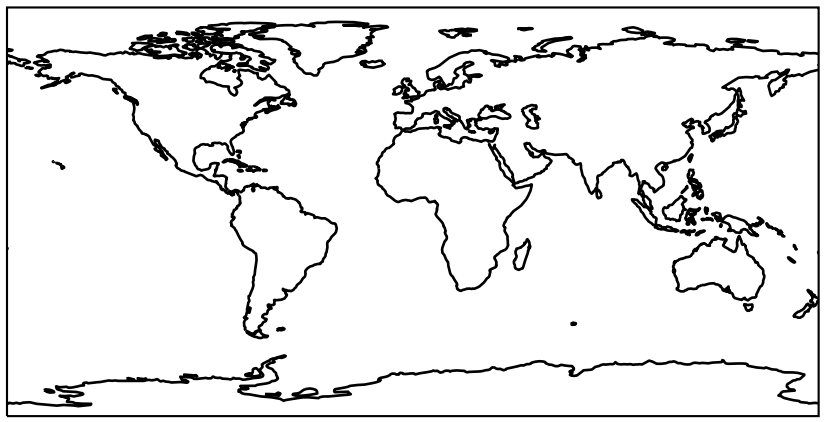
Ratio (1x1.25)
Dev/Ref, Fixed Range



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unitless

EmisPOG2_Anthro

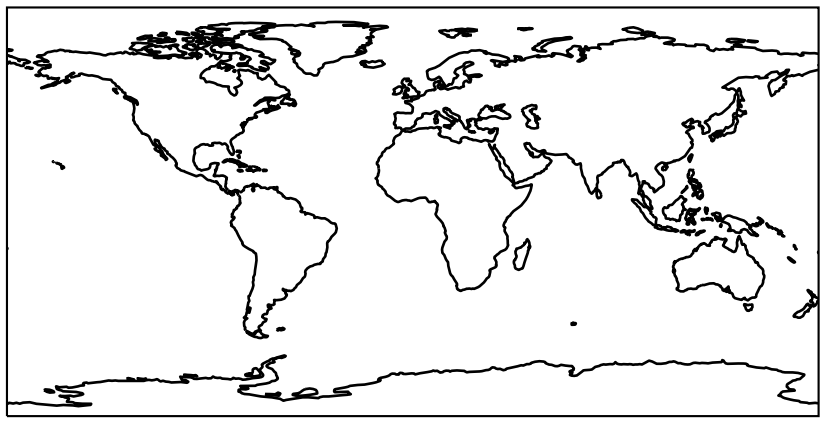
GCC_13.2.0-beta.0 (Ref)
4.0x5.0





Zero throughout domain
kg/m2/s

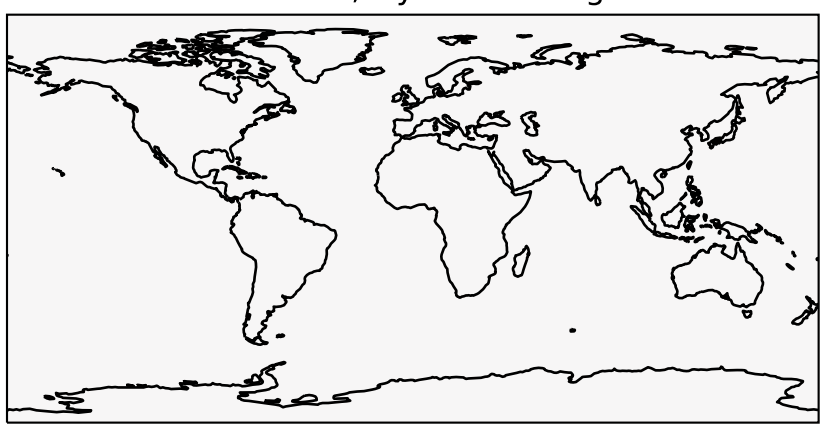
GCHP_13.2.0-beta.0 (Dev)
c48





Zero throughout domain
kg/m2/s

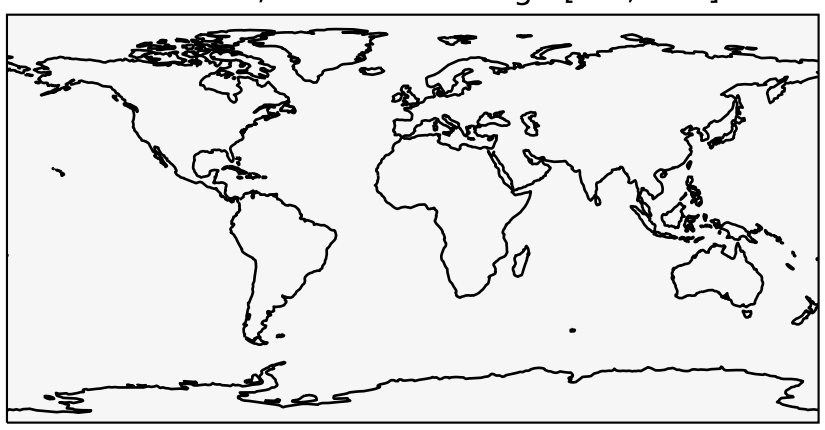
Difference (1x1.25)
Dev - Ref, Dynamic Range





Zero throughout domain
kg/m2/s

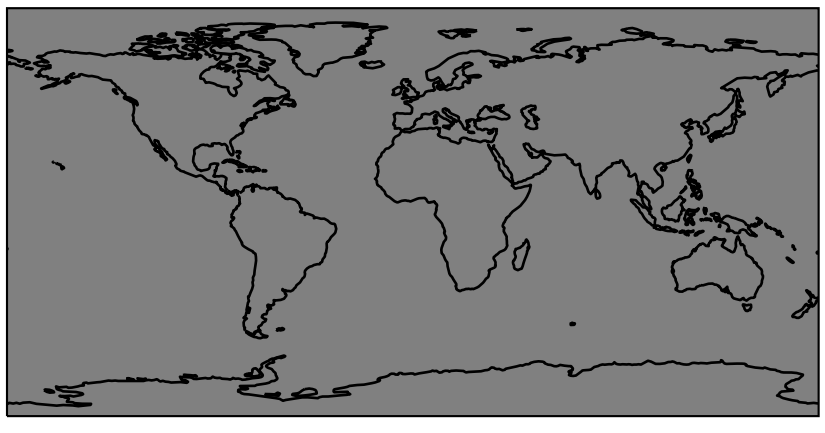
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]





Zero throughout domain
kg/m2/s

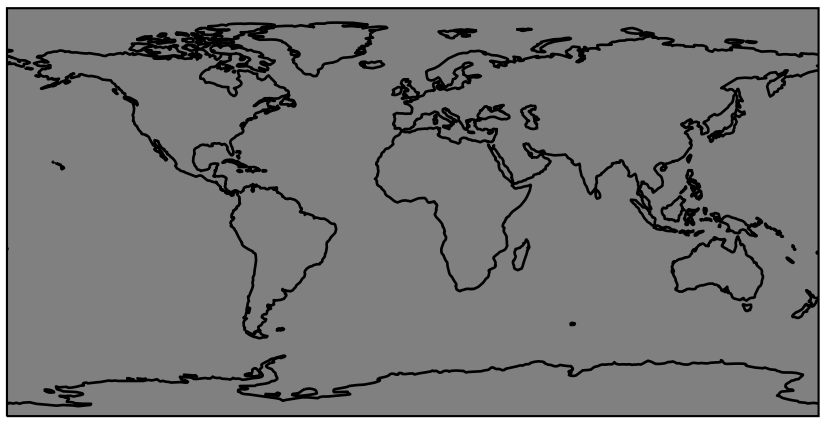
Ratio (1x1.25)
Dev/Ref, Dynamic Range





Undefined throughout domain
unitless

Ratio (1x1.25)
Dev/Ref, Fixed Range

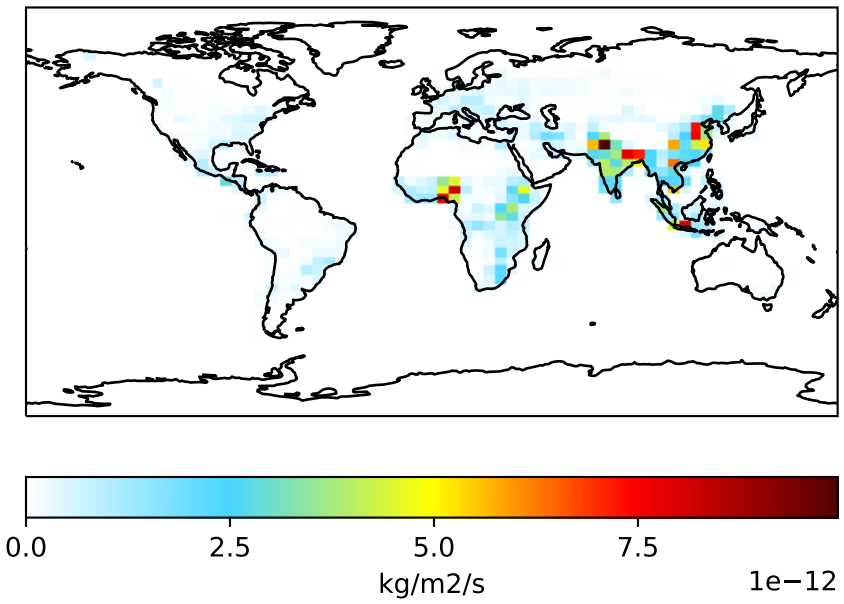




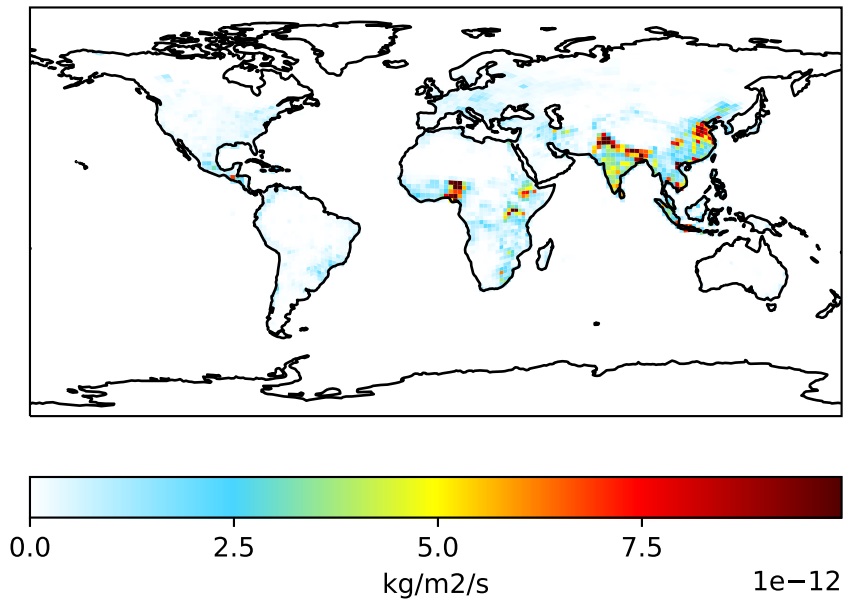
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EmisPRPE_Anthro

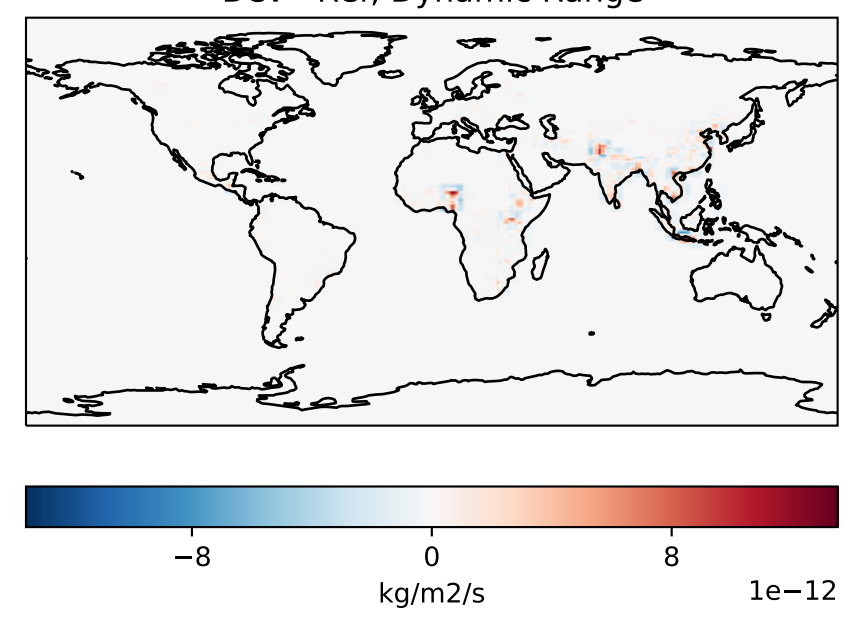
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



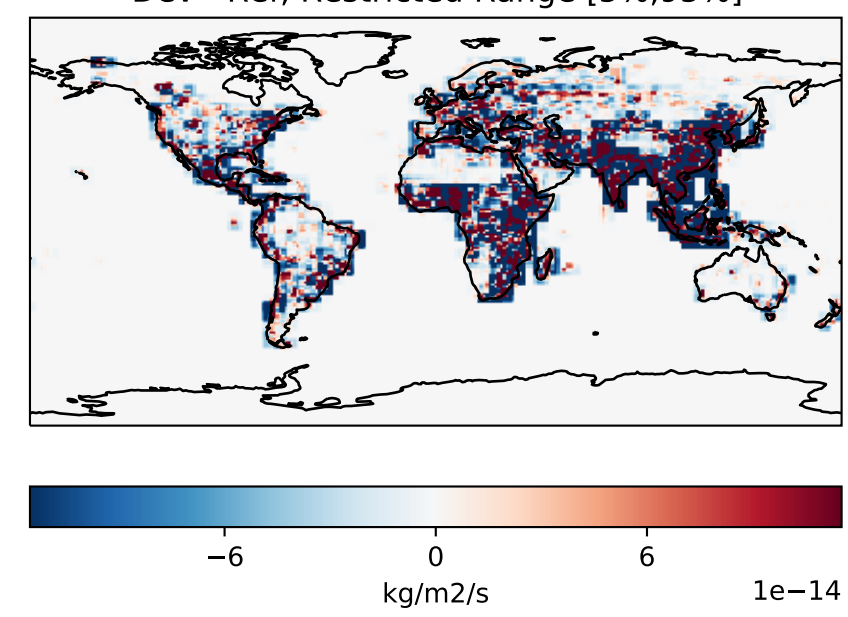
GCHP_13.2.0-beta.0 (Dev)
c48



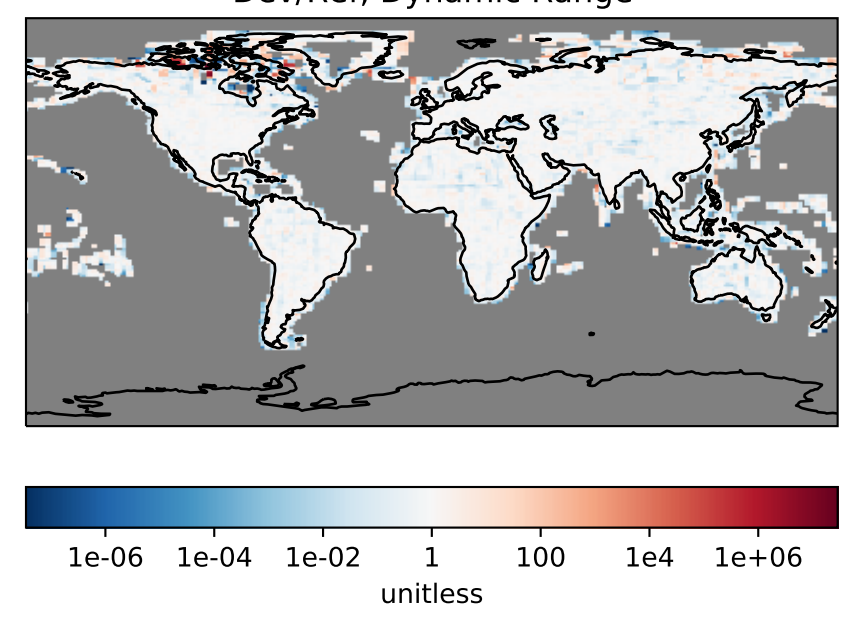
Difference (1x1.25)
Dev - Ref, Dynamic Range



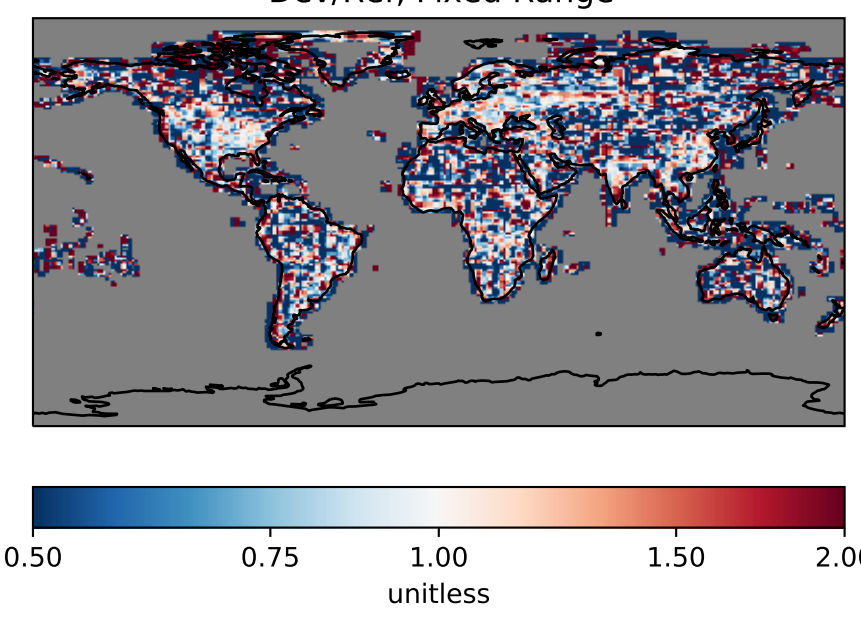
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

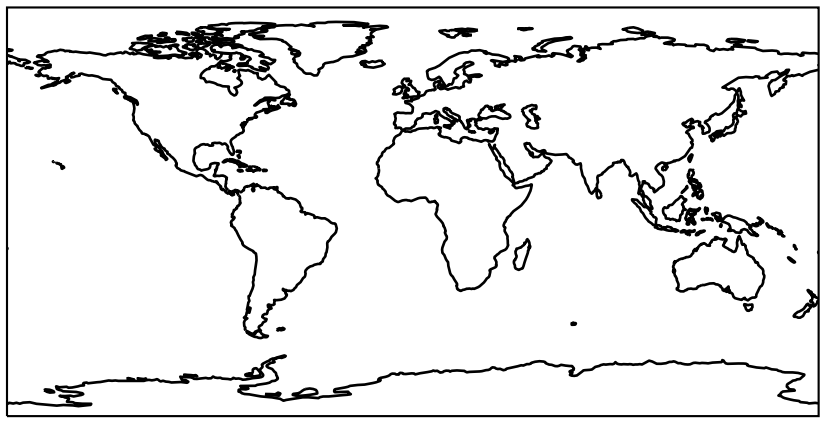


Ratio (1x1.25)
Dev/Ref, Fixed Range



EmisRCHO_Anthro

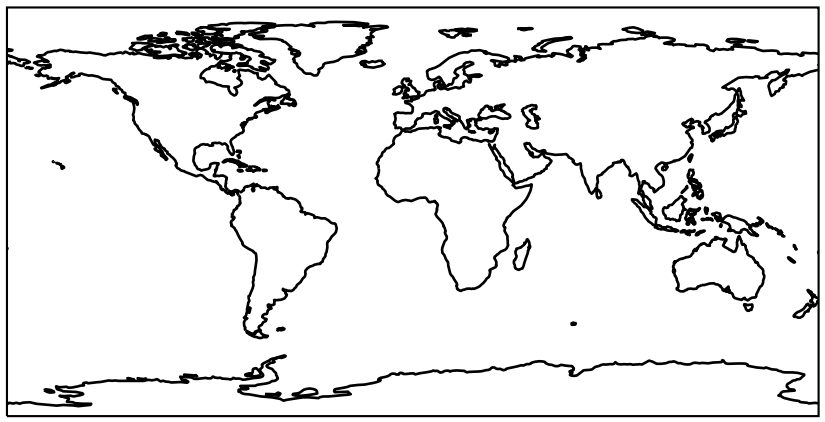
GCC_13.2.0-beta.0 (Ref)
4.0x5.0





Zero throughout domain
kg/m2/s

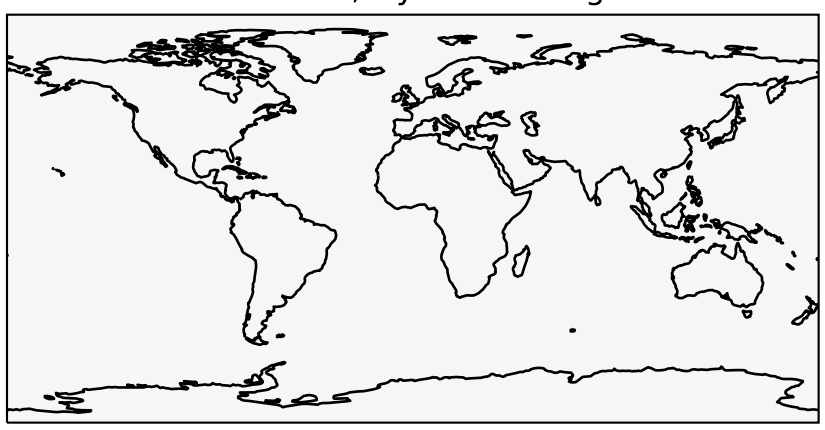
GCHP_13.2.0-beta.0 (Dev)
c48





Zero throughout domain
kg/m2/s

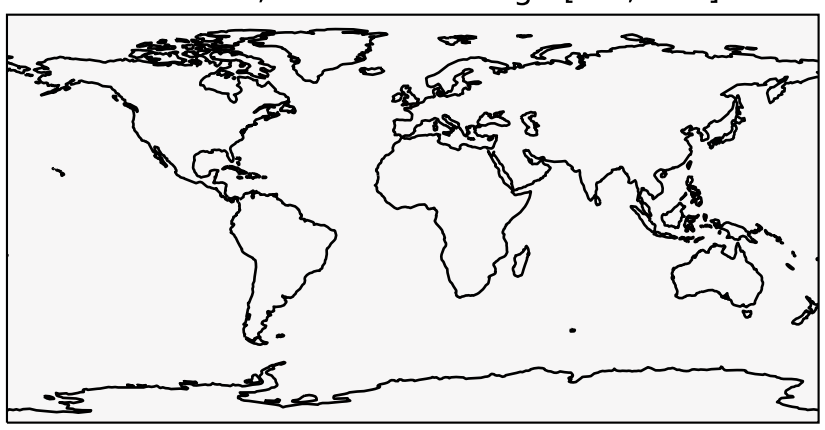
Difference (1x1.25)
Dev - Ref, Dynamic Range





Zero throughout domain
kg/m2/s

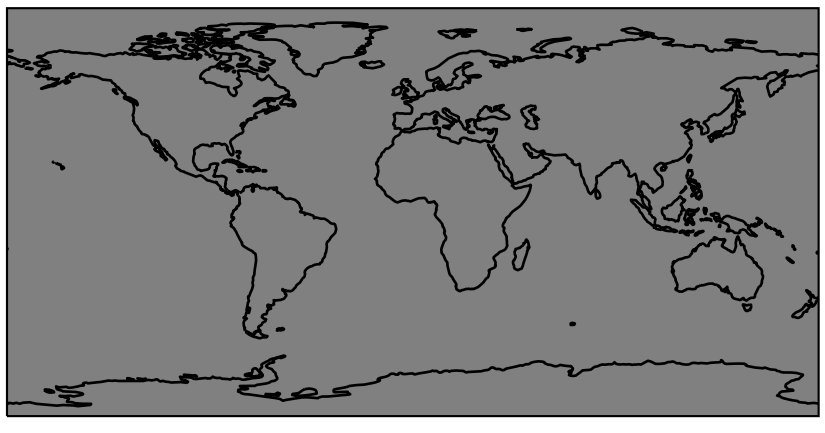
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]





Zero throughout domain
kg/m2/s

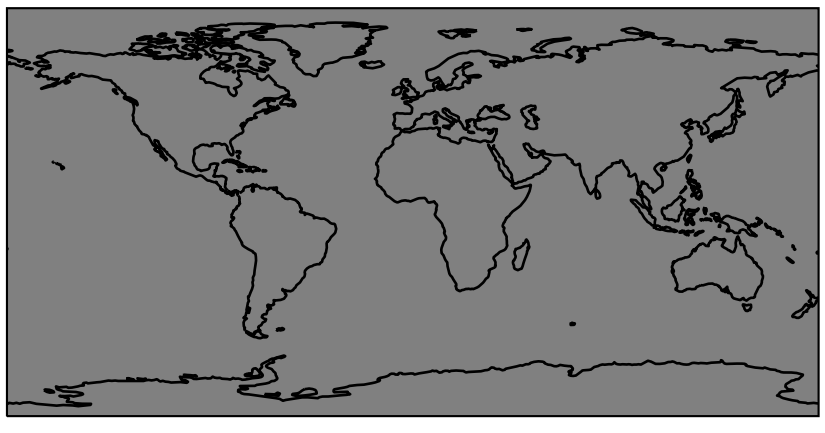
Ratio (1x1.25)
Dev/Ref, Dynamic Range





Undefined throughout domain
unitless

Ratio (1x1.25)
Dev/Ref, Fixed Range

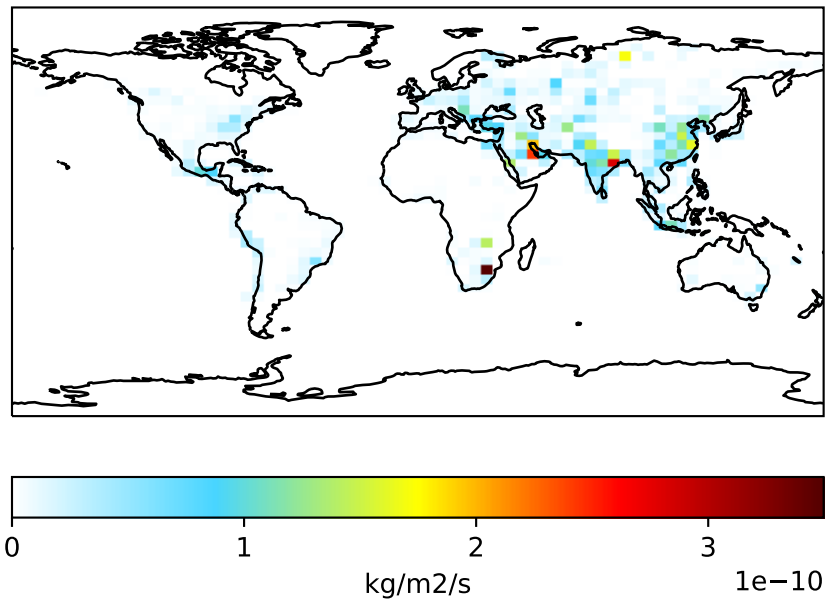




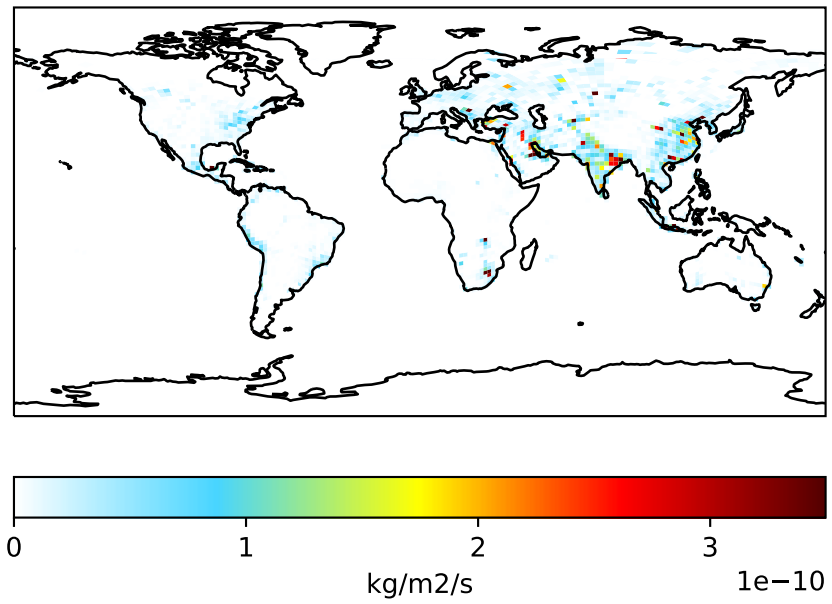
Undefined throughout domain
unitless

EmisSO2_Anthro

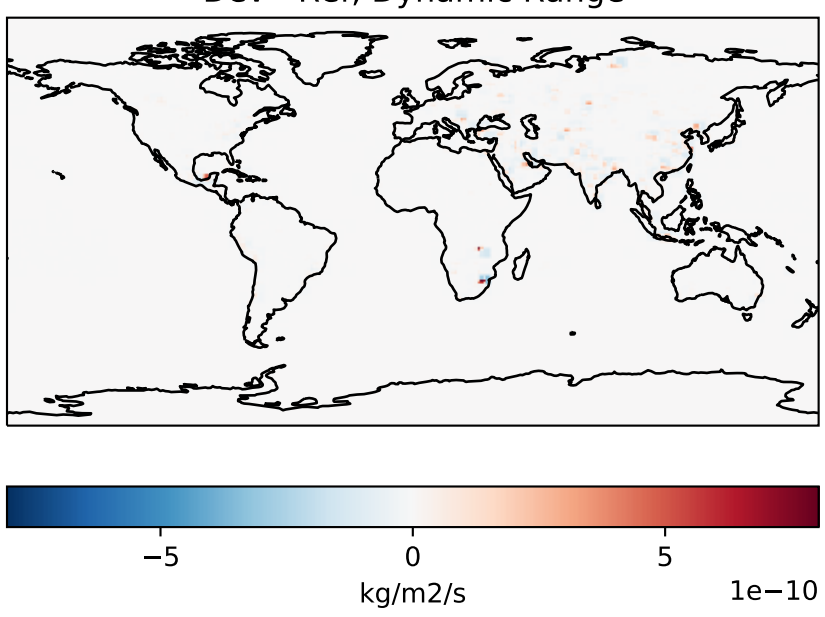
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



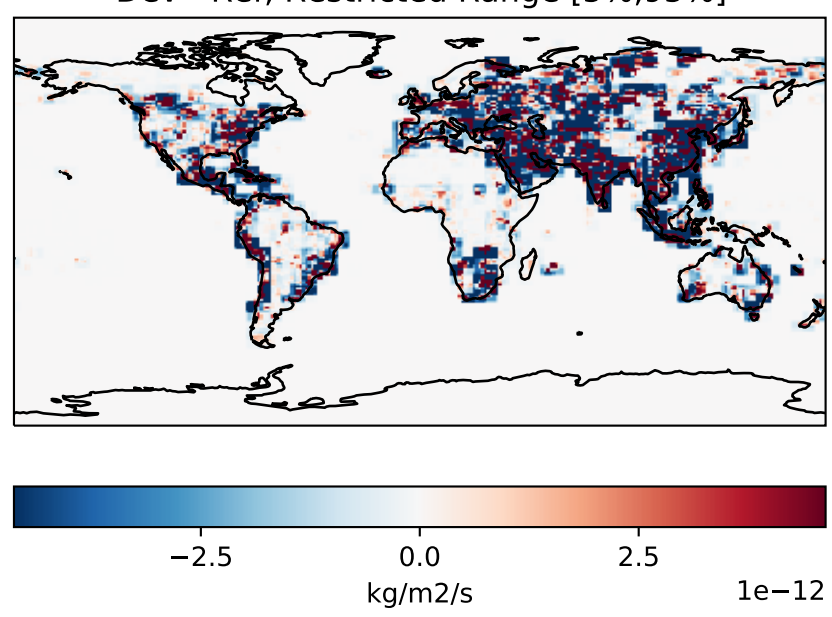
GCHP_13.2.0-beta.0 (Dev)
c48



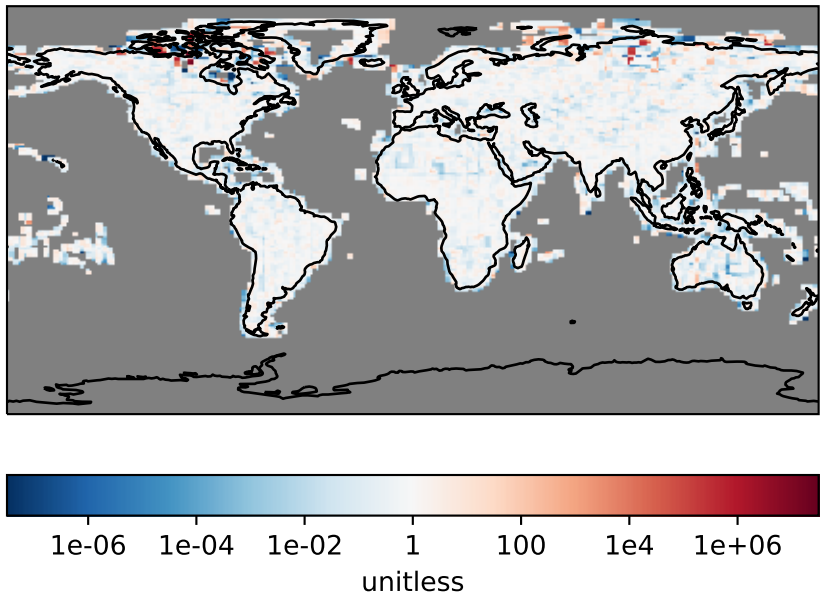
Difference (1x1.25)
Dev - Ref, Dynamic Range



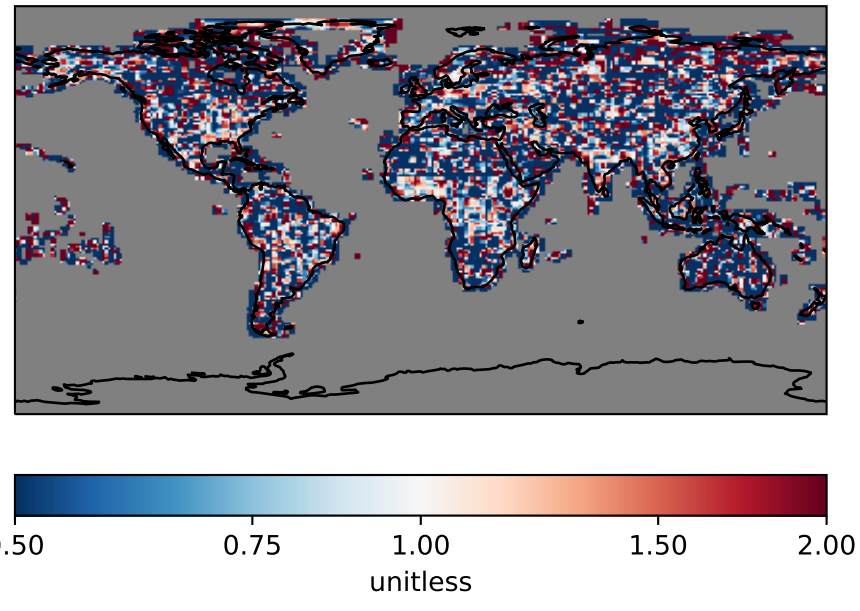
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

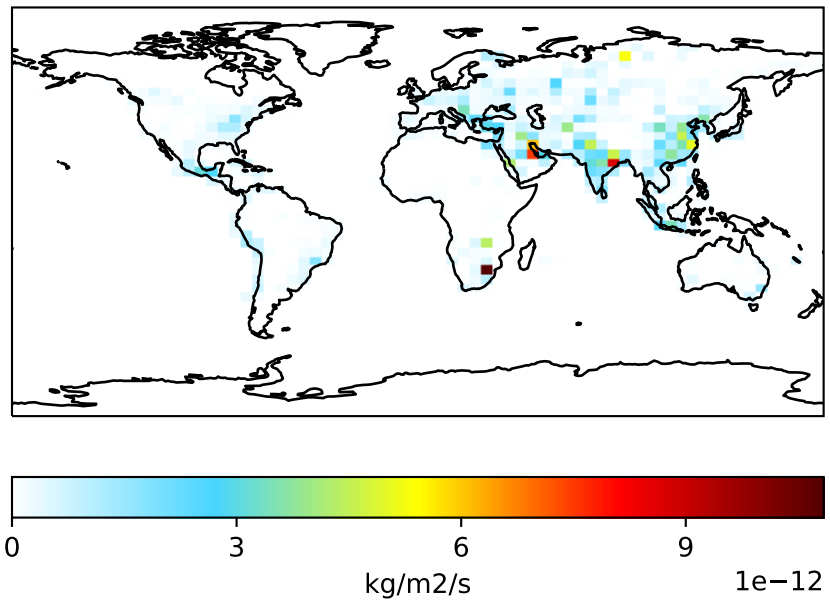


Ratio (1x1.25)
Dev/Ref, Fixed Range

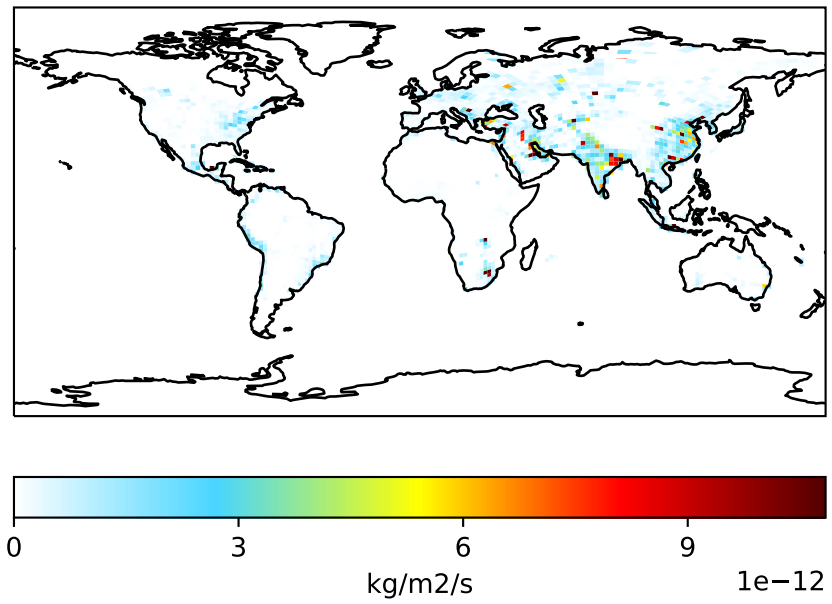


EmisSO4_Anthro

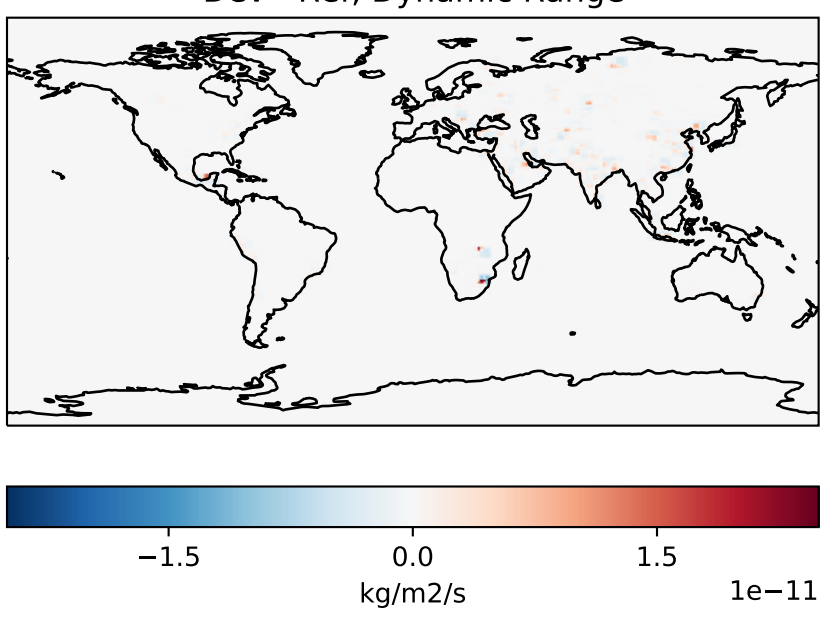
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



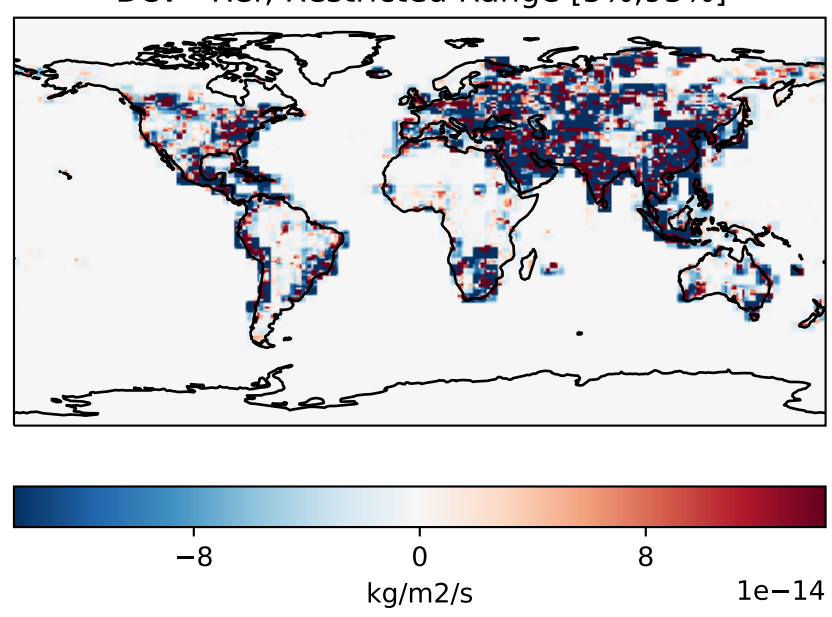
GCHP_13.2.0-beta.0 (Dev)
c48



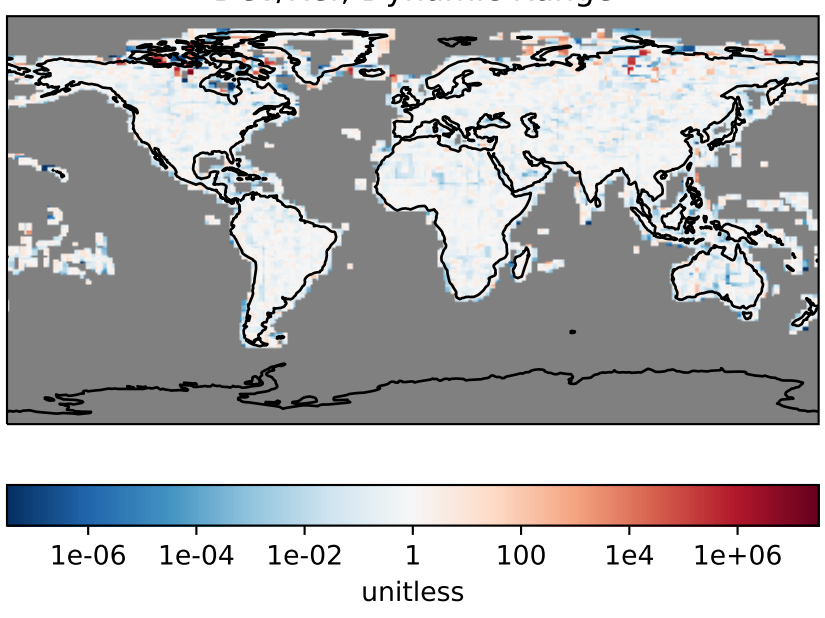
Difference (1x1.25)
Dev - Ref, Dynamic Range



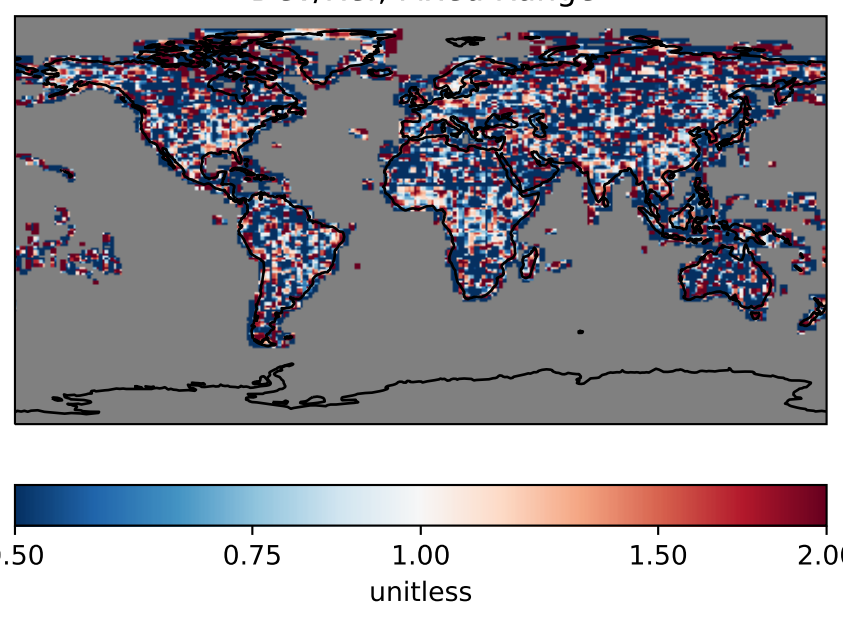
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

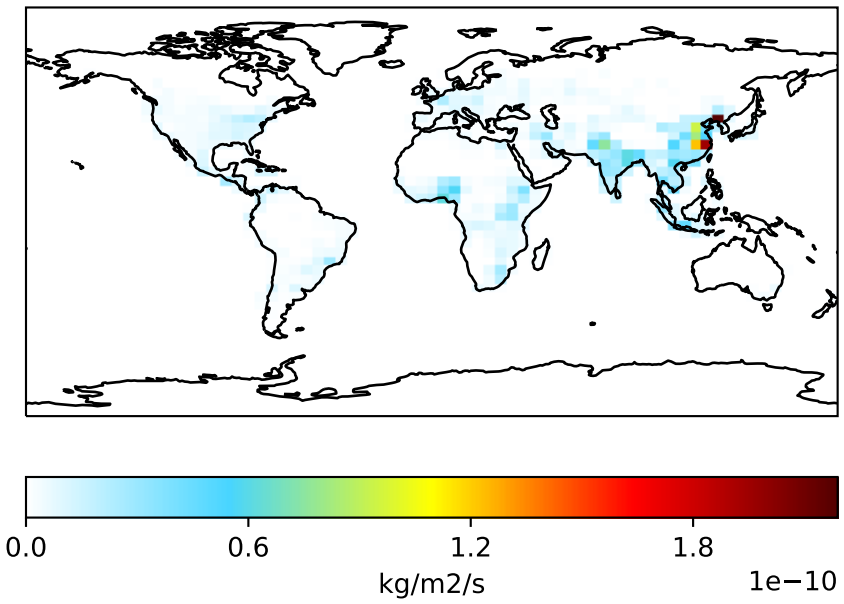


Ratio (1x1.25)
Dev/Ref, Fixed Range

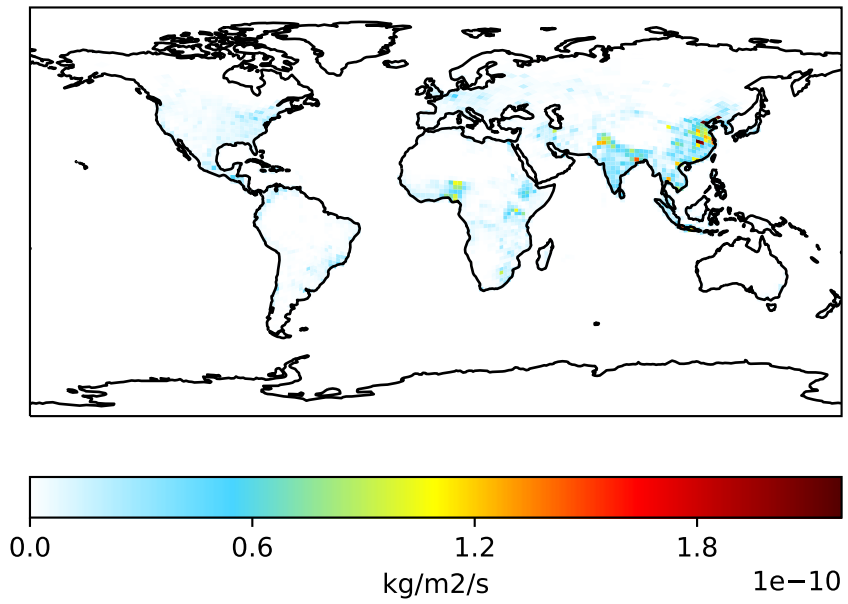


EmisSOAP_Anthro

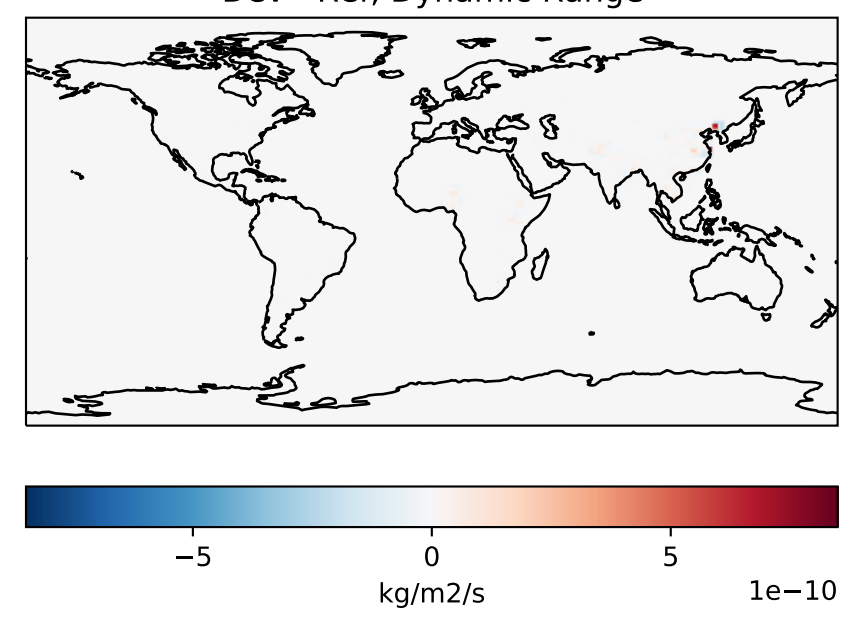
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



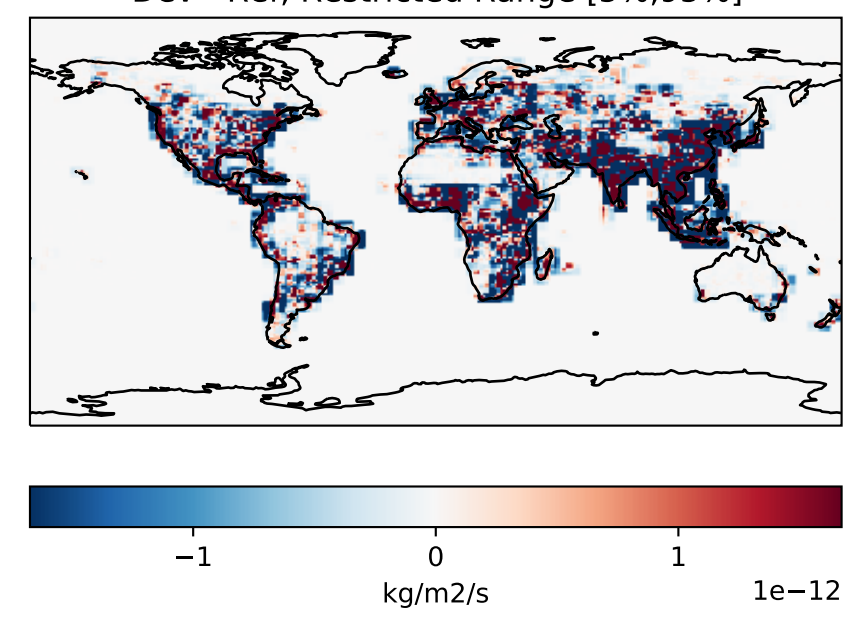
GCHP_13.2.0-beta.0 (Dev)
c48



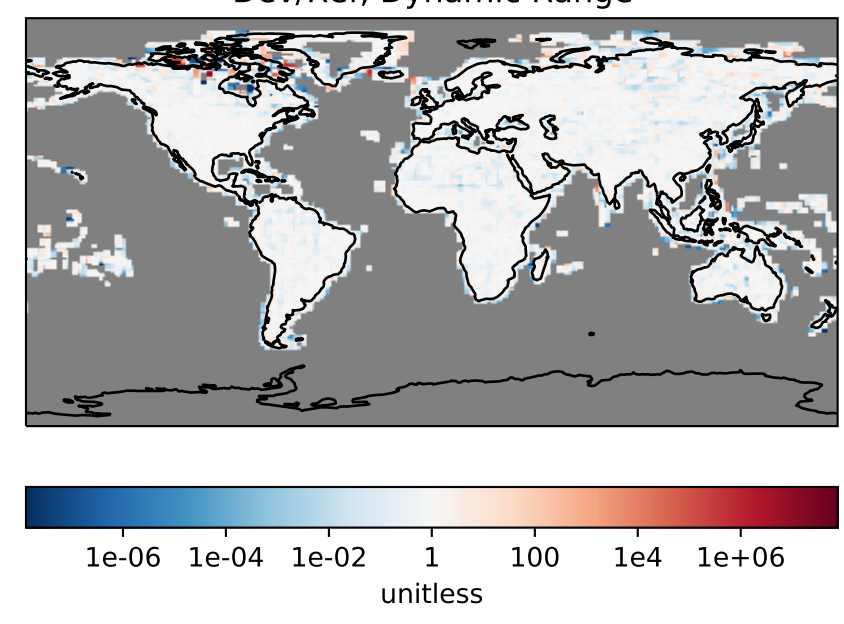
Difference (1x1.25)
Dev - Ref, Dynamic Range



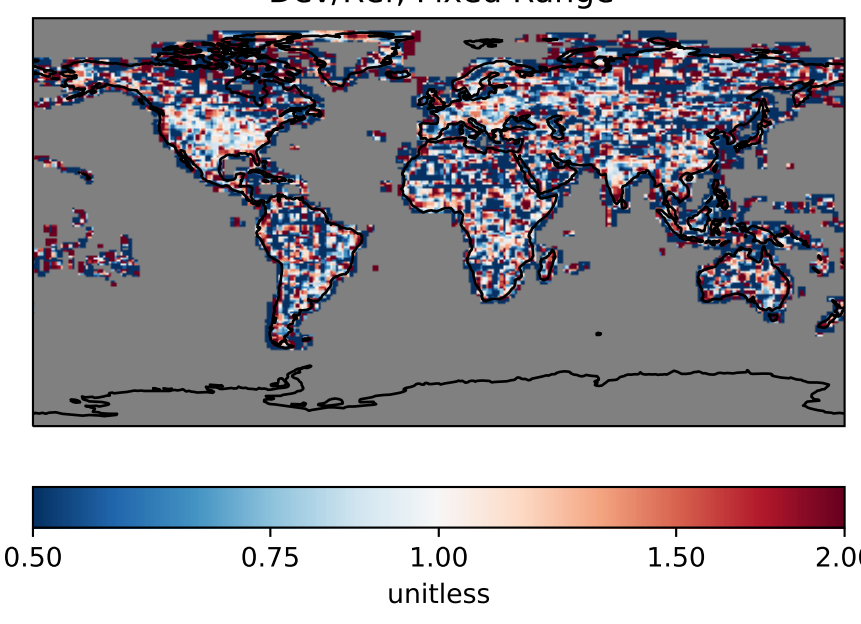
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

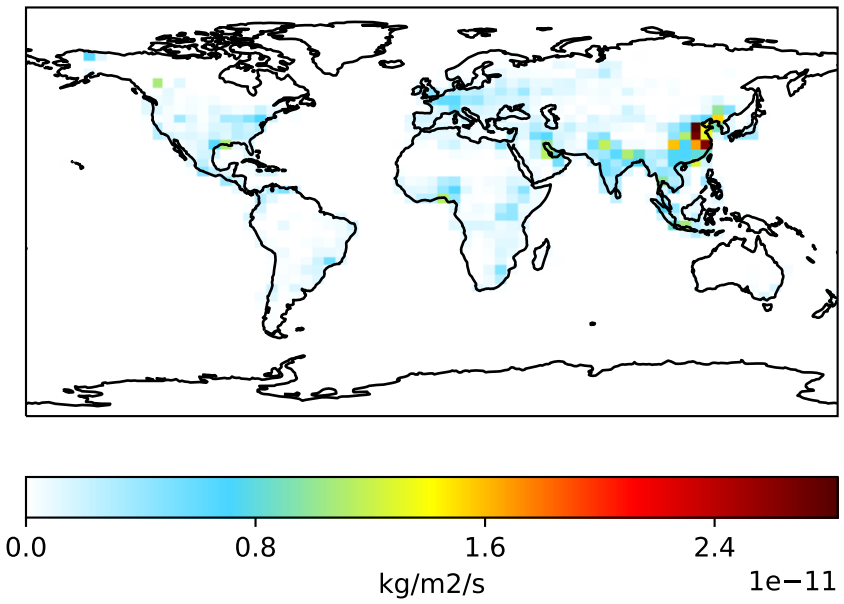


Ratio (1x1.25)
Dev/Ref, Fixed Range

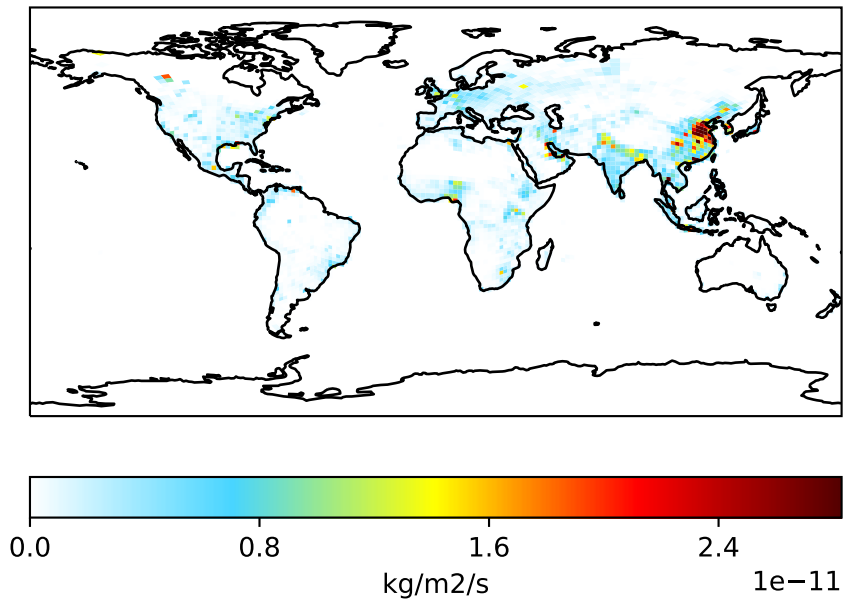


EmisTOLU_Anthro

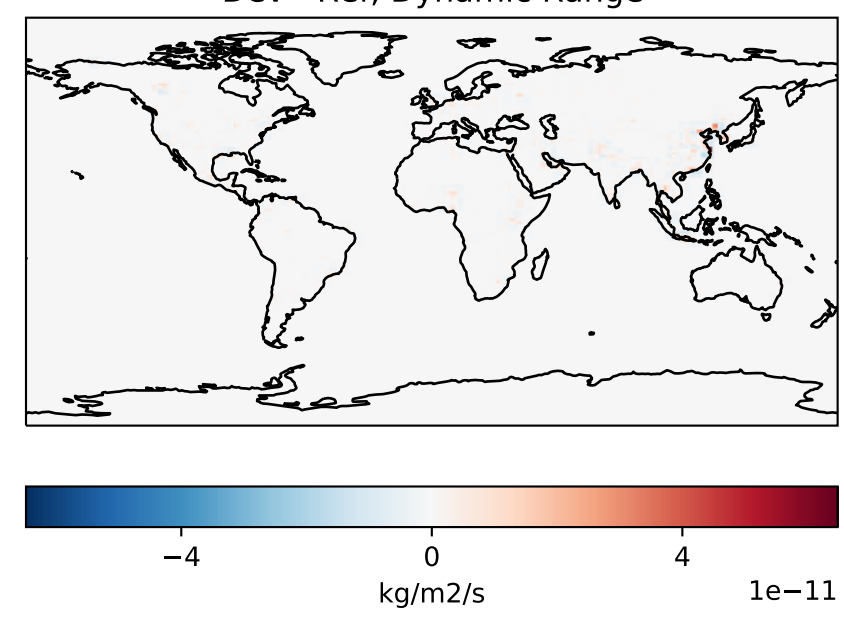
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



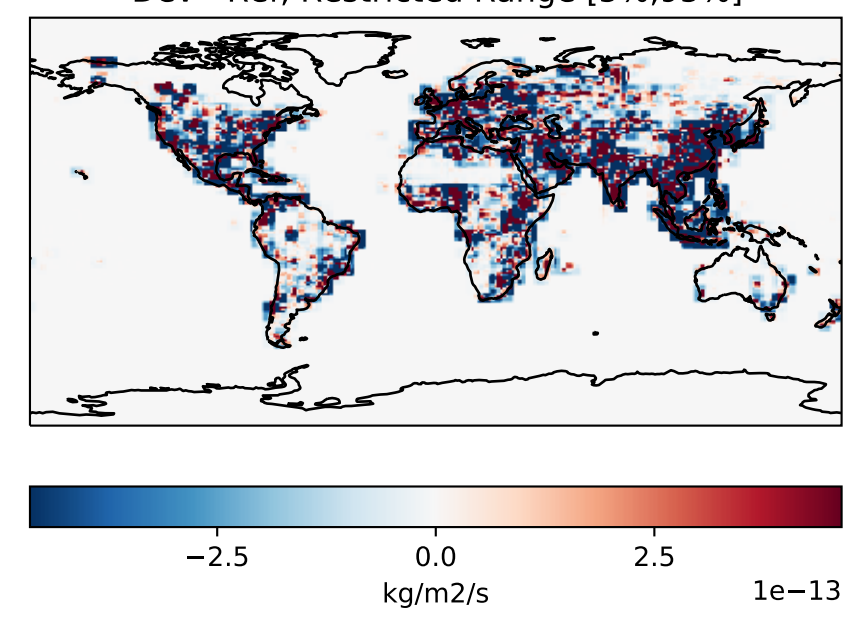
GCHP_13.2.0-beta.0 (Dev)
c48



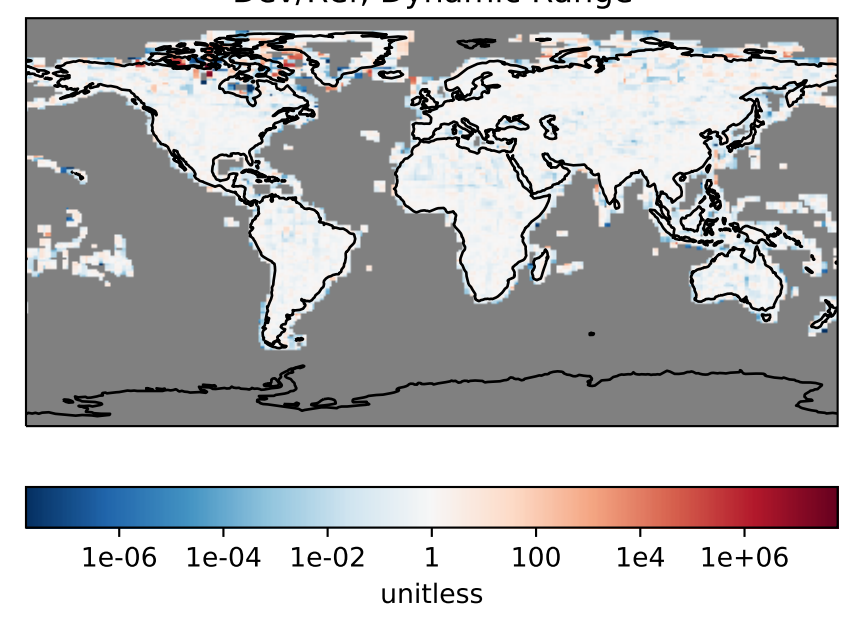
Difference (1x1.25)
Dev - Ref, Dynamic Range



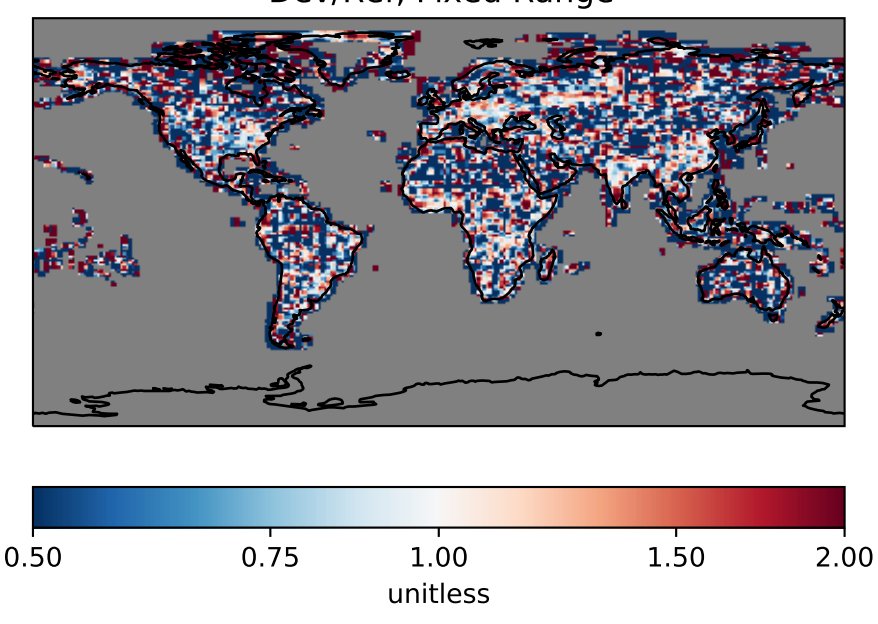
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

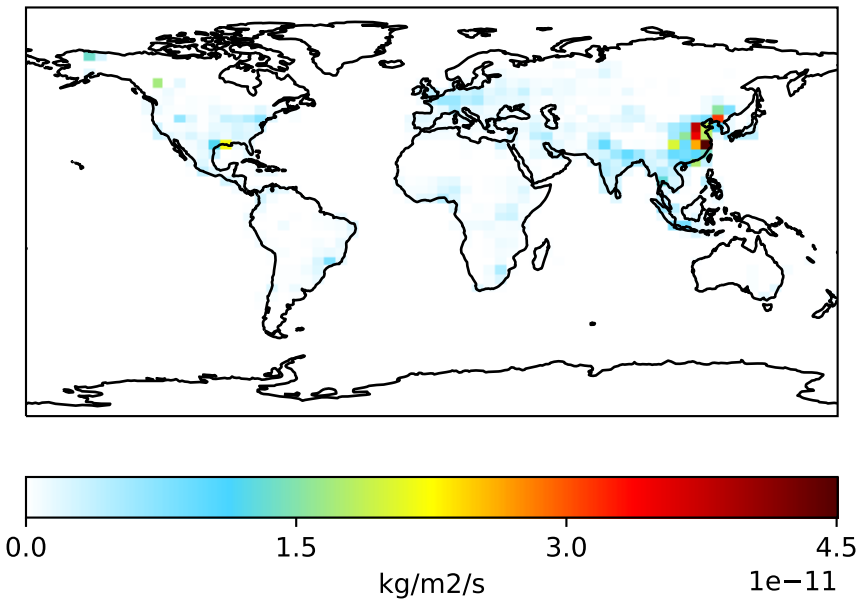


Ratio (1x1.25)
Dev/Ref, Fixed Range

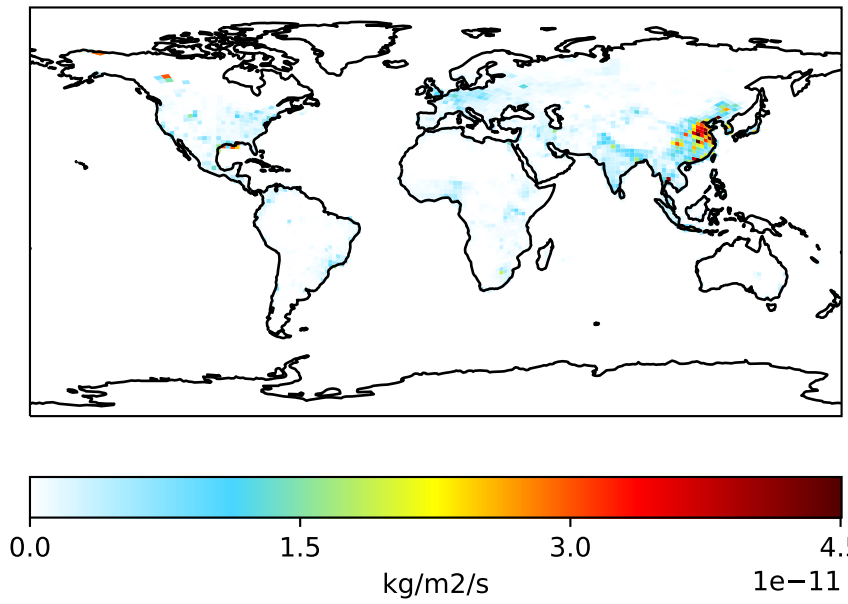


EmisXYLE_Anthro

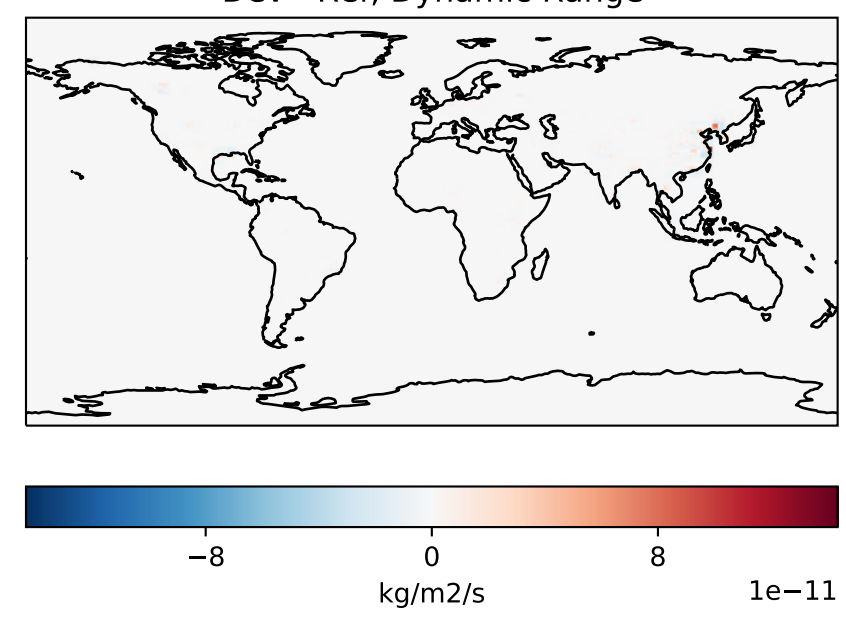
GCC_13.2.0-beta.0 (Ref)
4.0x5.0



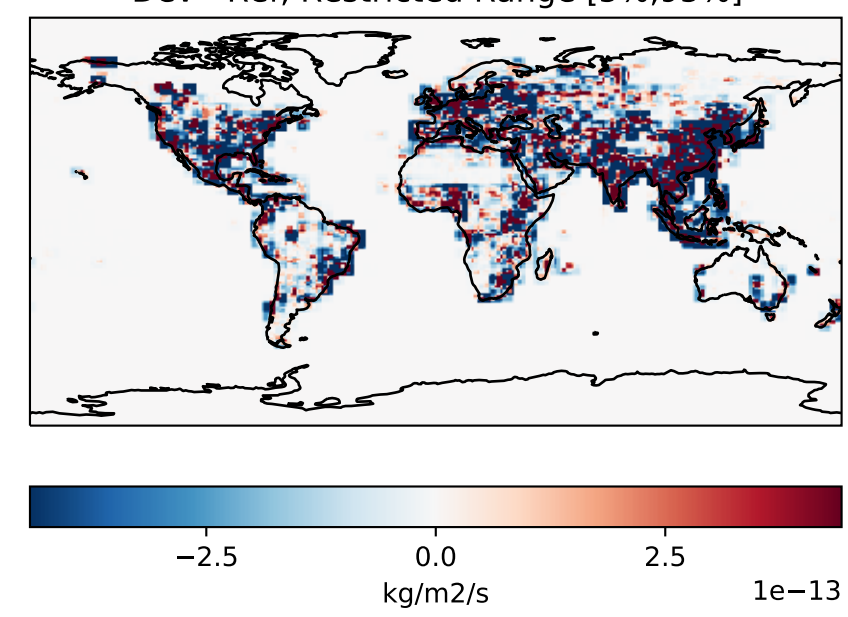
GCHP_13.2.0-beta.0 (Dev)
c48



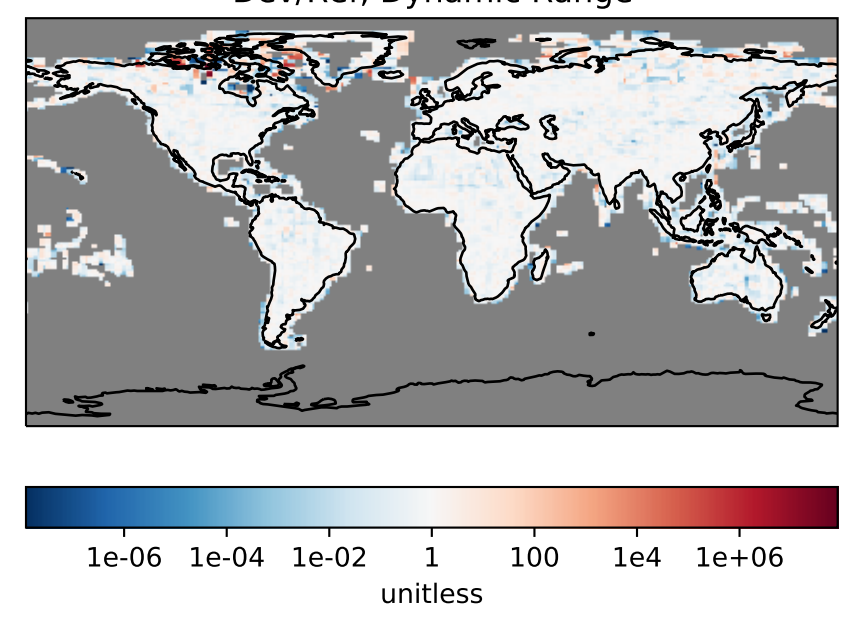
Difference (1x1.25)
Dev - Ref, Dynamic Range



Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range



Ratio (1x1.25)
Dev/Ref, Fixed Range

