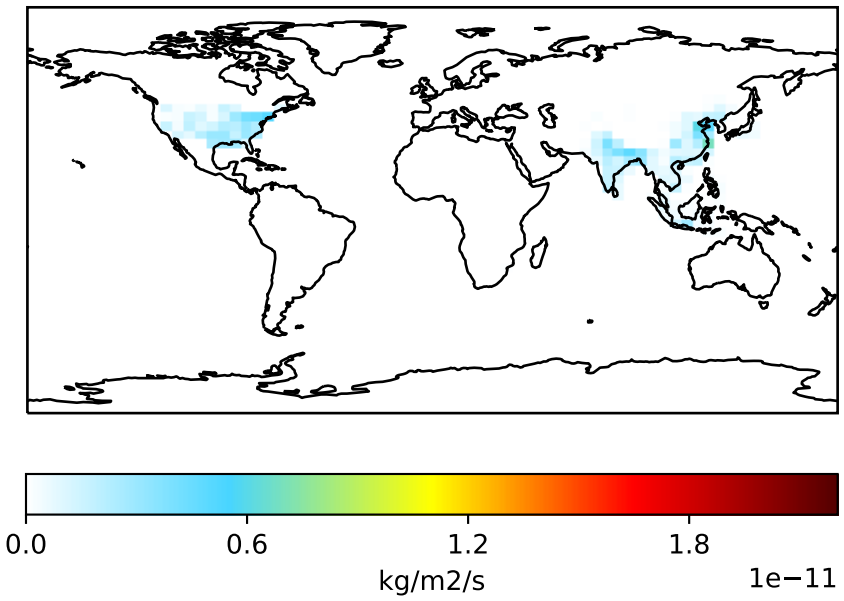
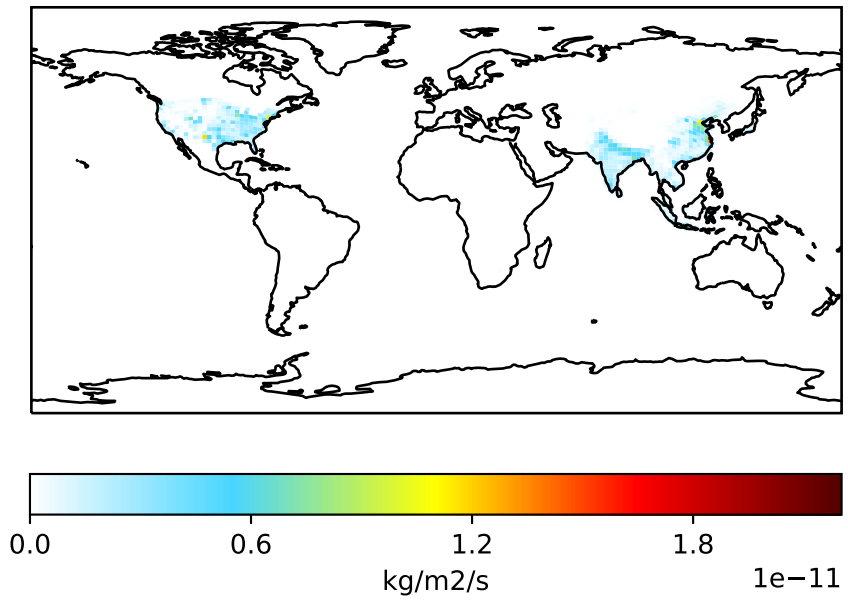
EmisACET_Anthro

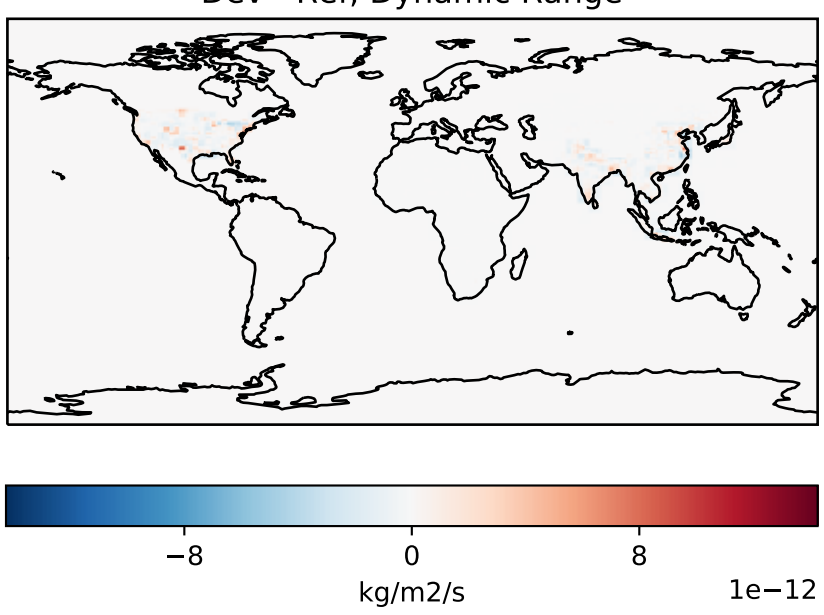
GC_12.8.0 (Ref)
4.0x5.0



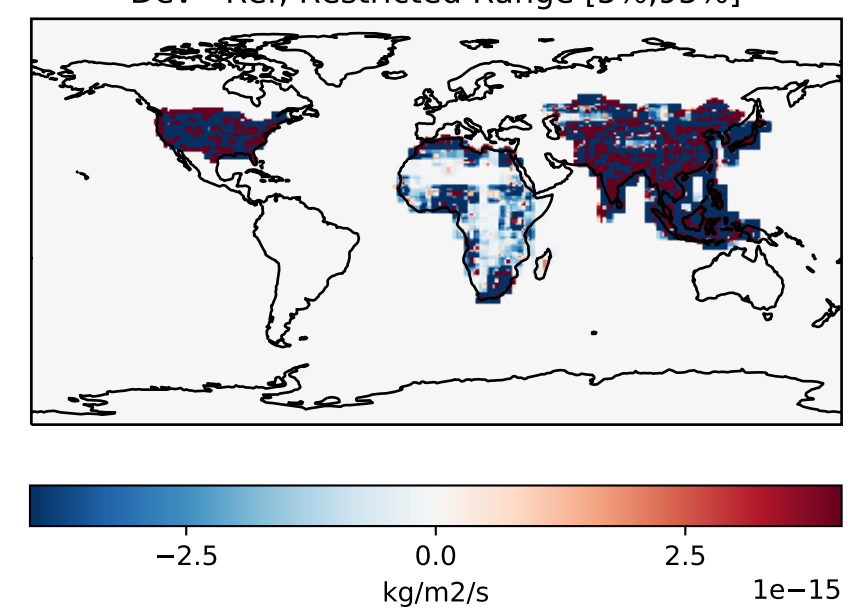
GCHP_12.8.0 (Dev)
c48



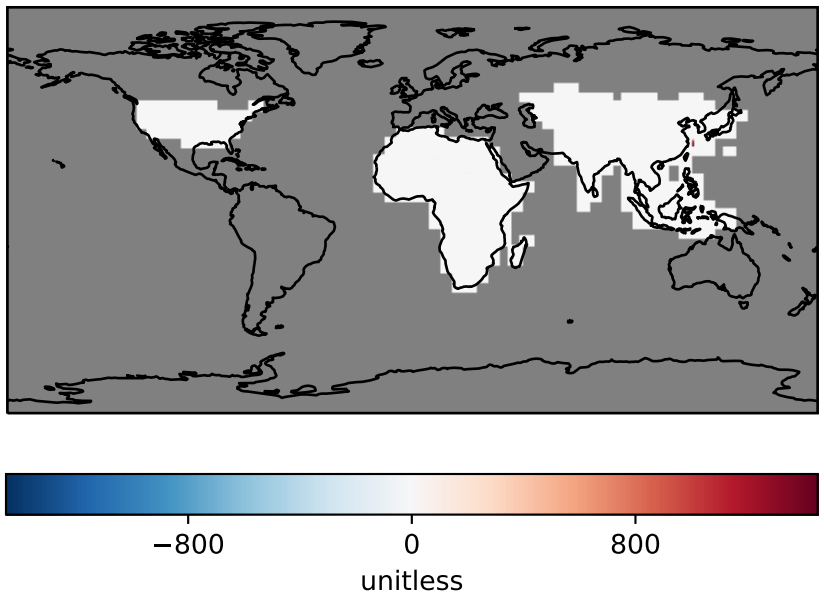
Difference (1x1.25)
Dev - Ref, Dynamic Range



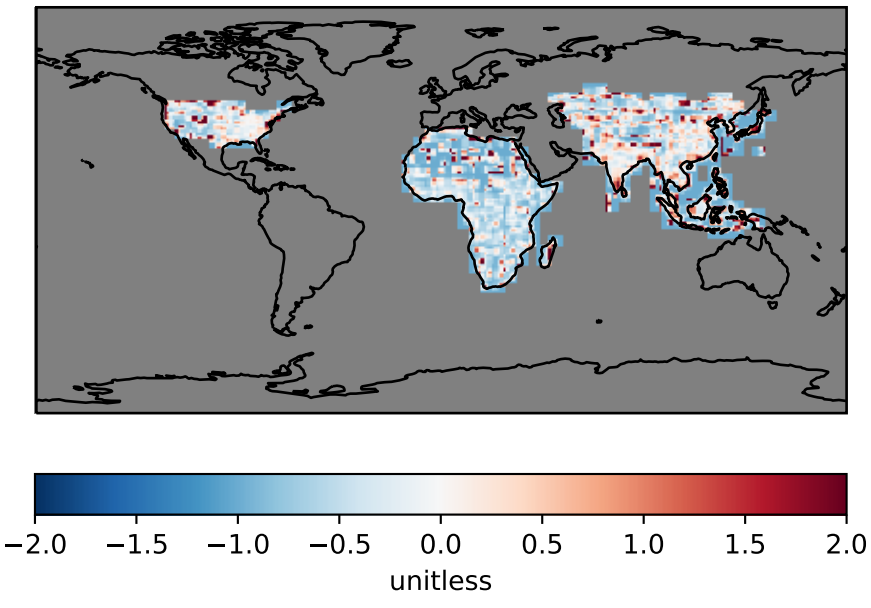
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

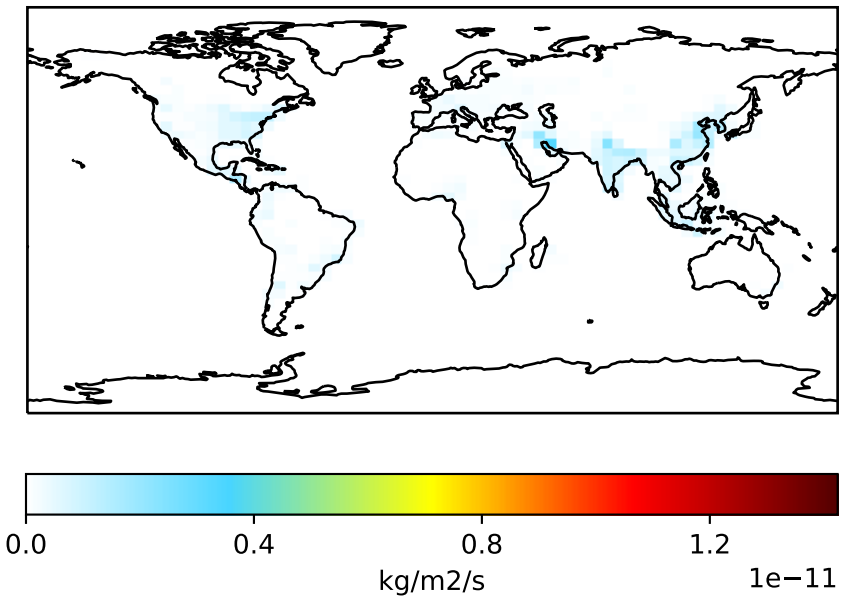


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

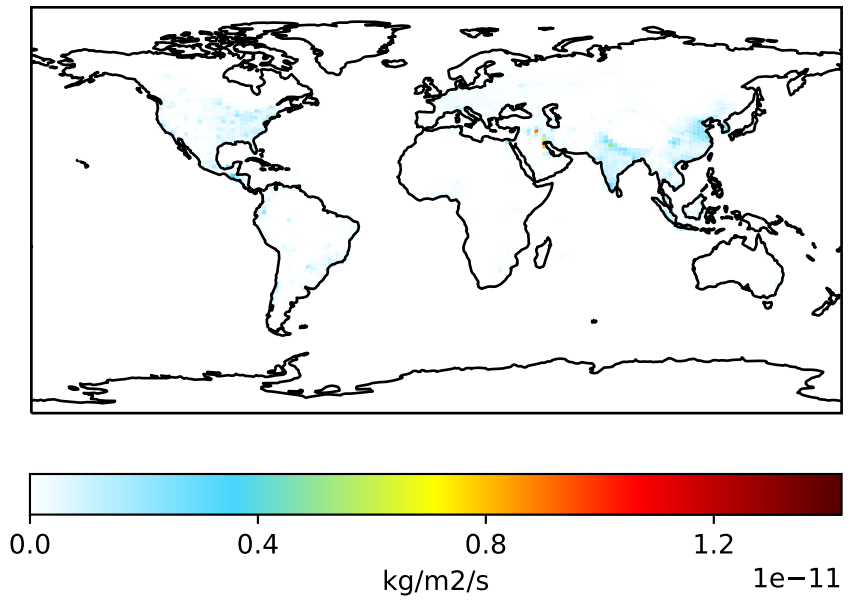


EmisALD2_Anthro

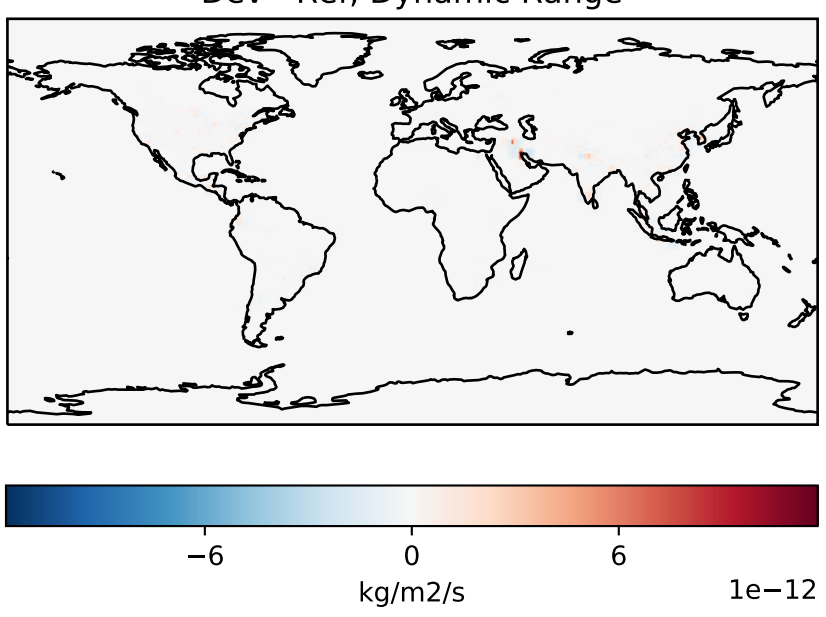
GC_12.8.0 (Ref)
4.0x5.0



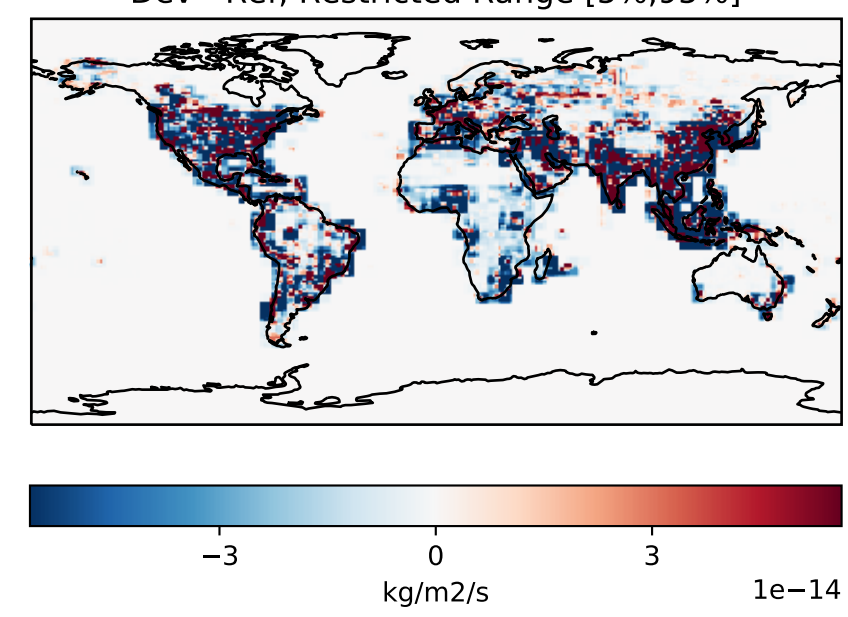
GCHP_12.8.0 (Dev)
c48



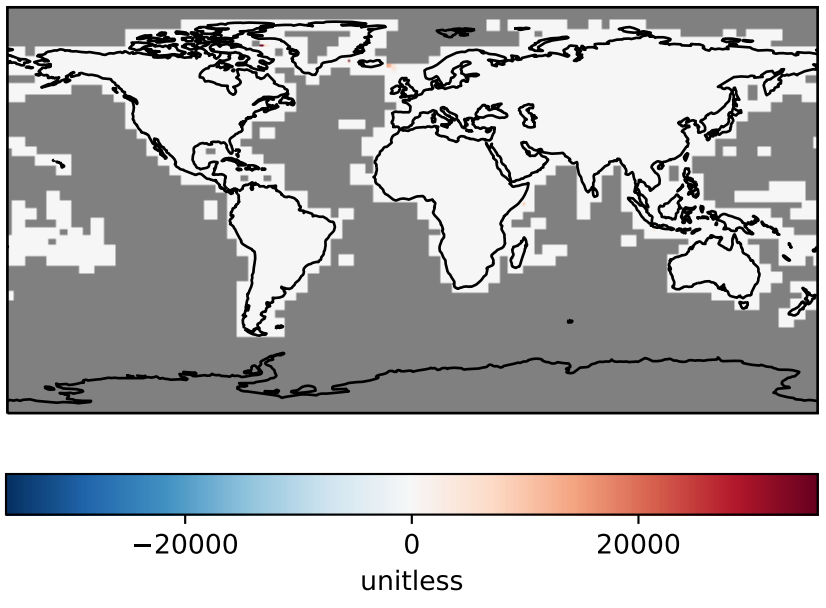
Difference (1x1.25)
Dev - Ref, Dynamic Range



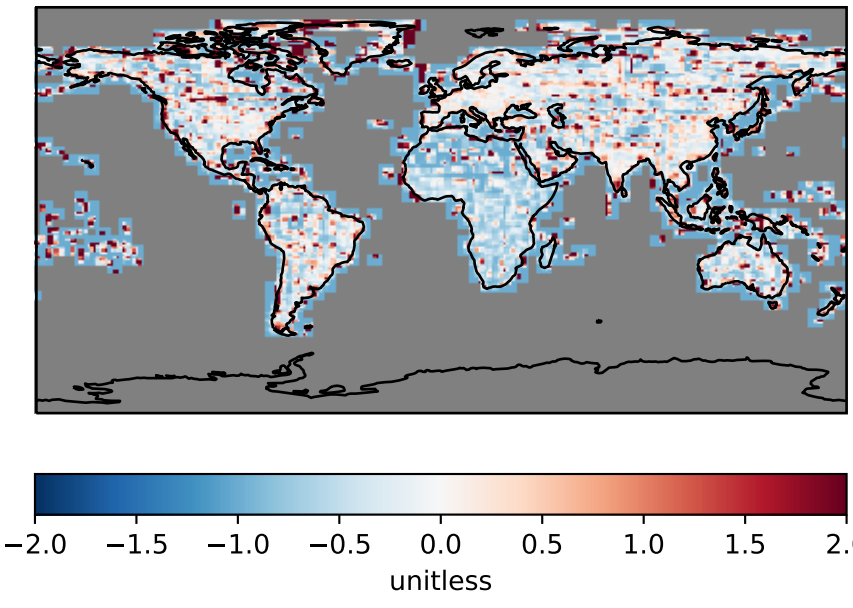
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

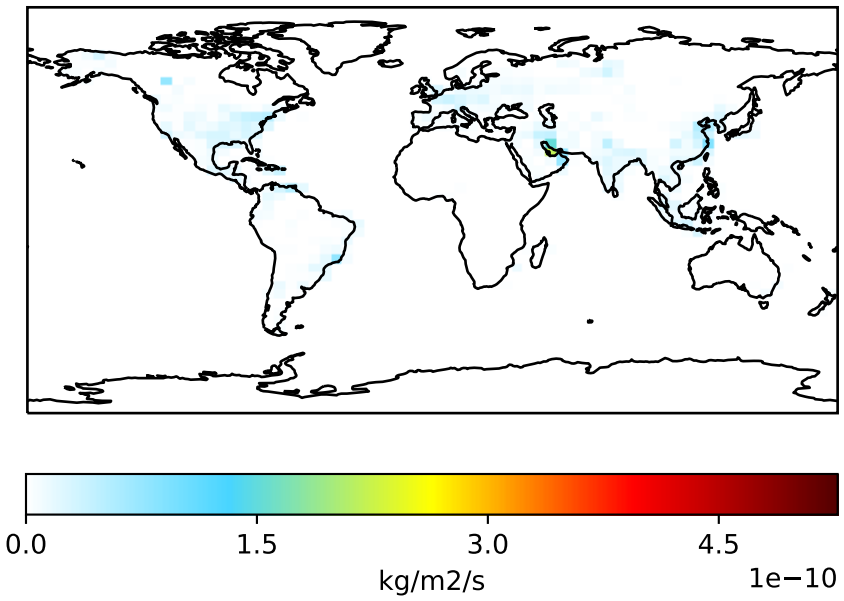


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

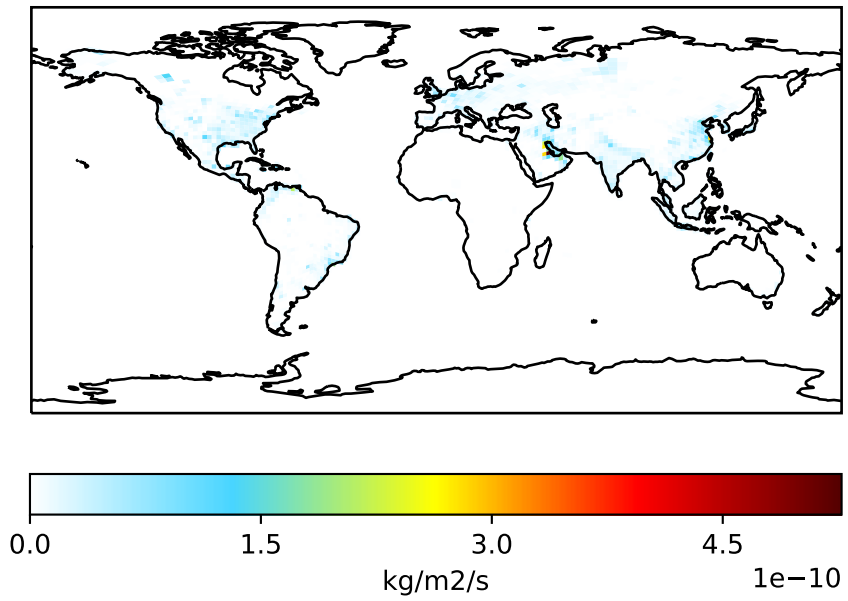


EmisALK4_Anthro

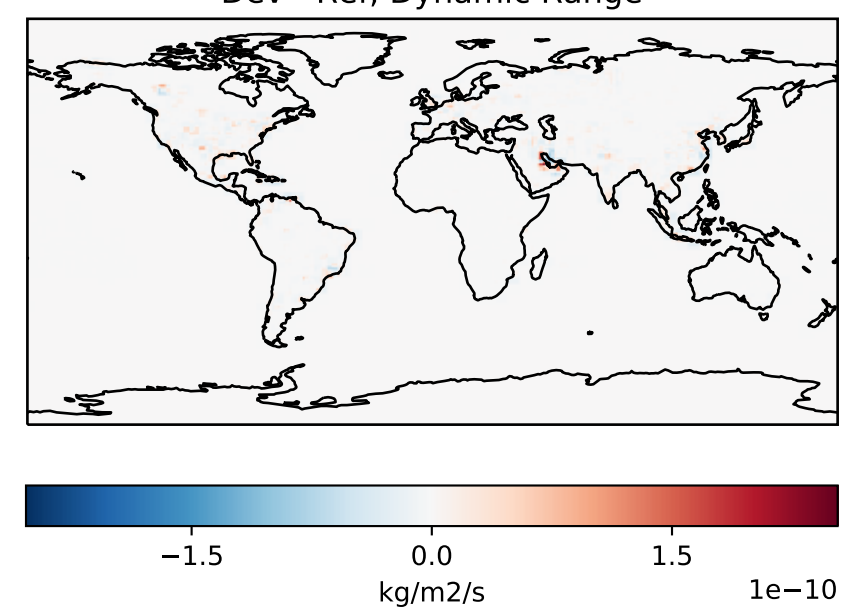
GC_12.8.0 (Ref)
4.0x5.0



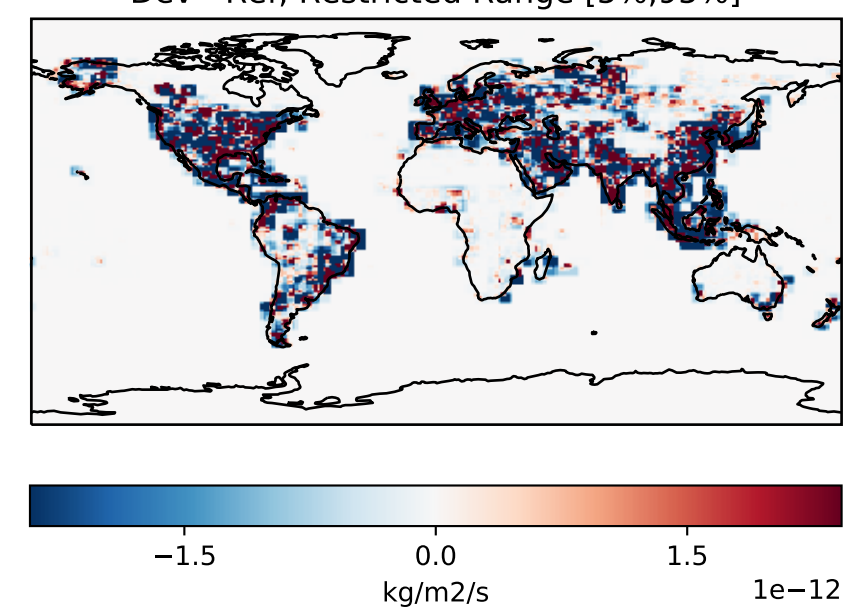
GCHP_12.8.0 (Dev)
c48



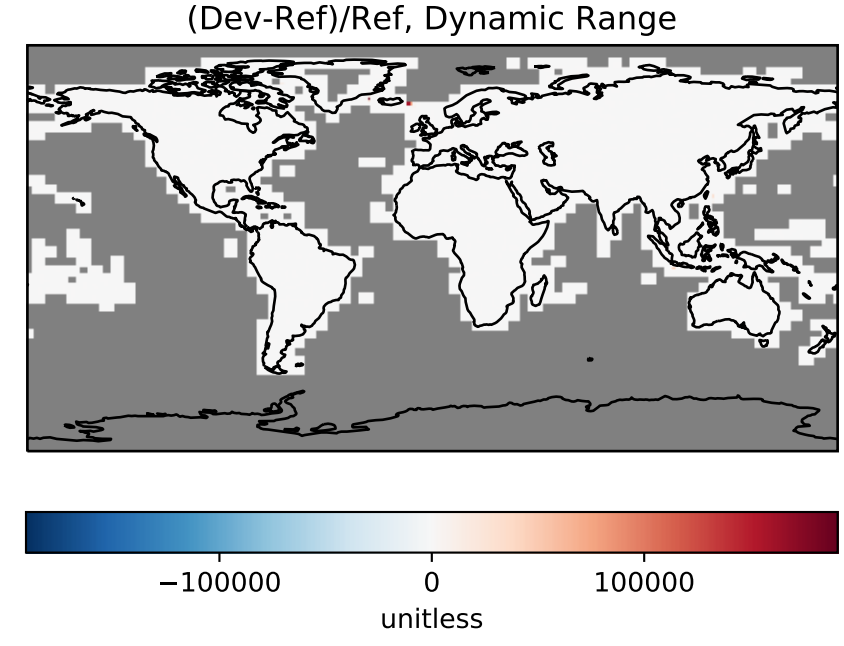
Difference (1x1.25)
Dev - Ref, Dynamic Range



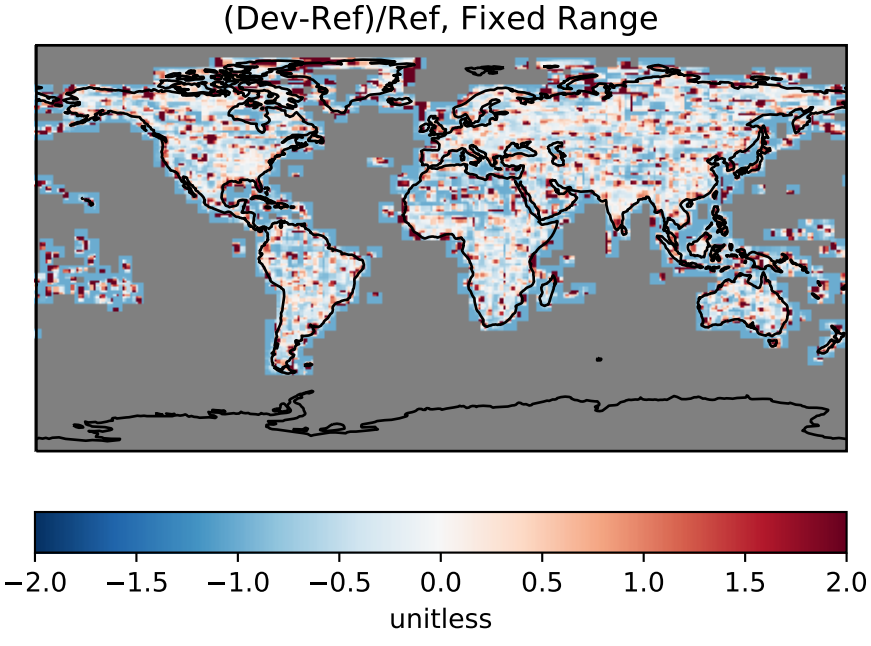
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

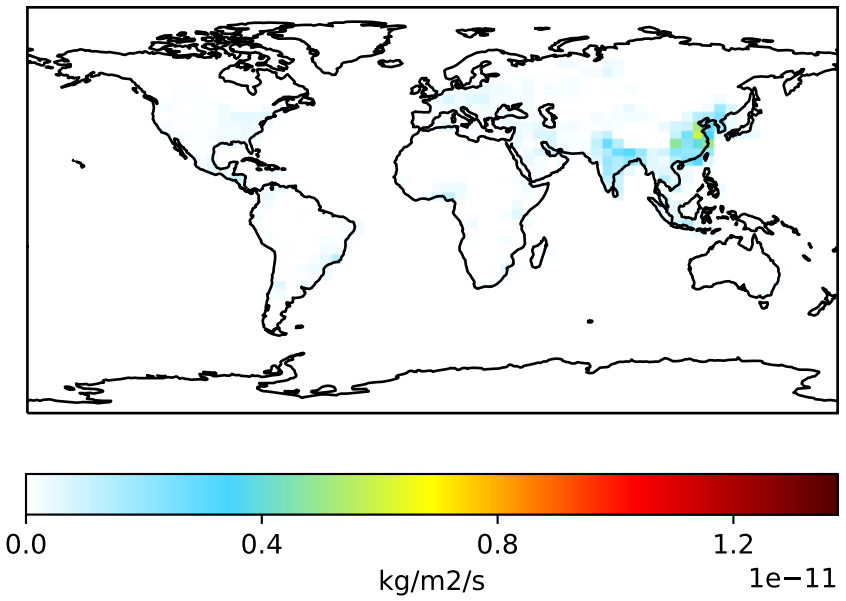


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

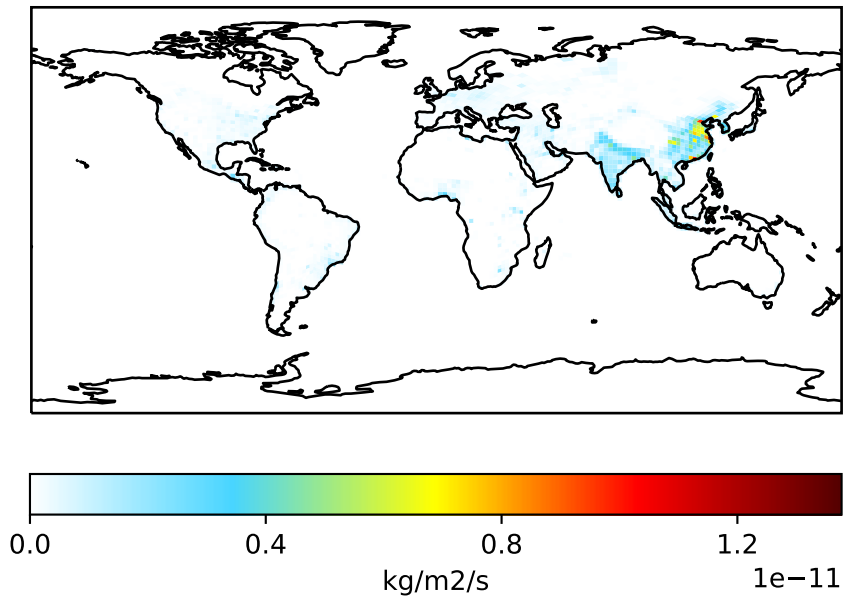


EmisBCPI_Anthro

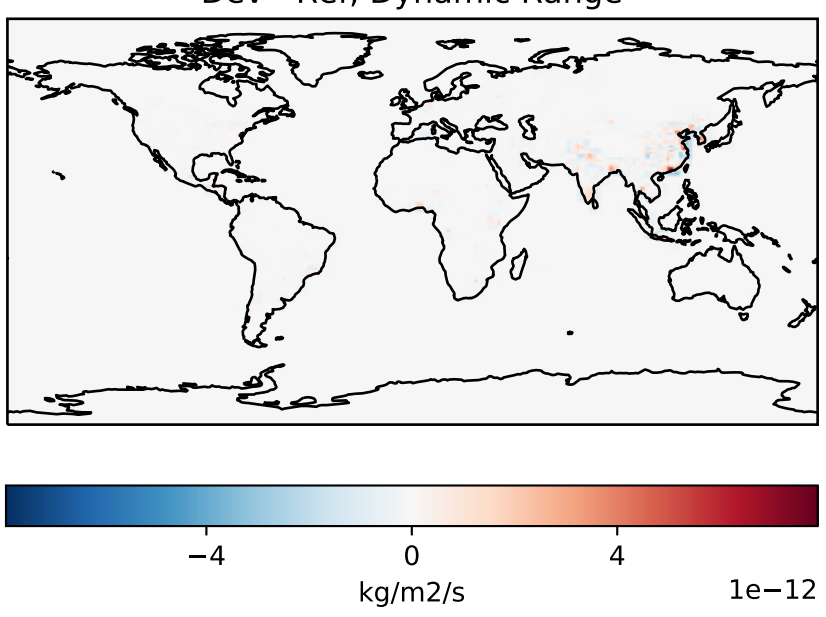
GC_12.8.0 (Ref)
4.0x5.0



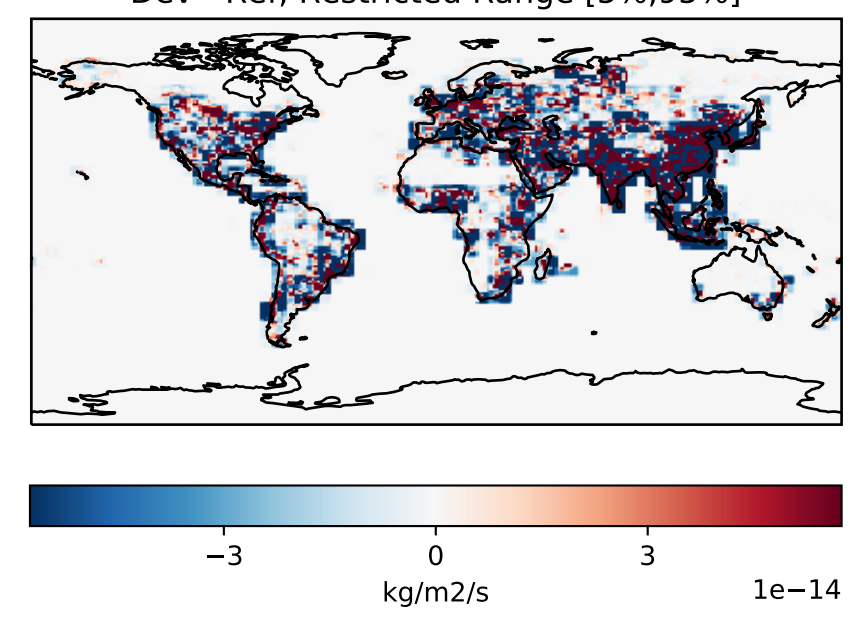
GCHP_12.8.0 (Dev)
c48



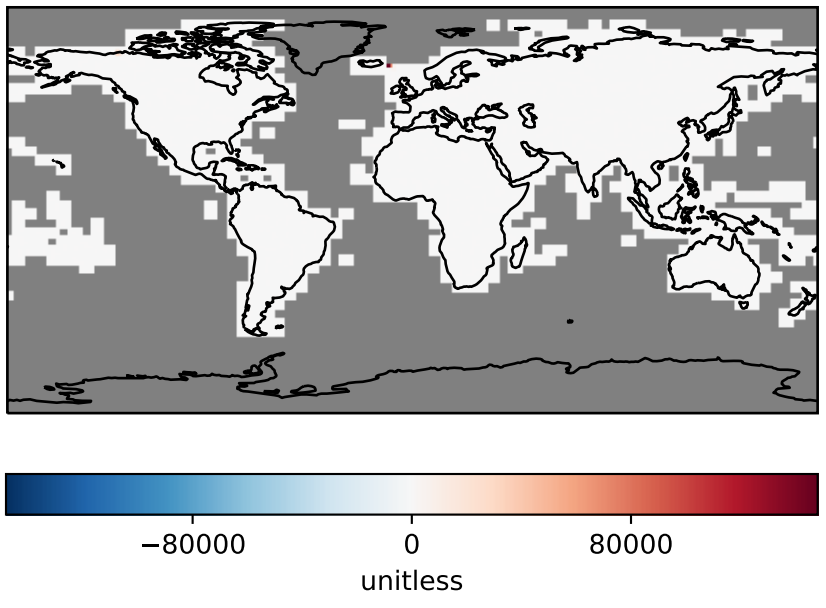
Difference (1x1.25)
Dev - Ref, Dynamic Range



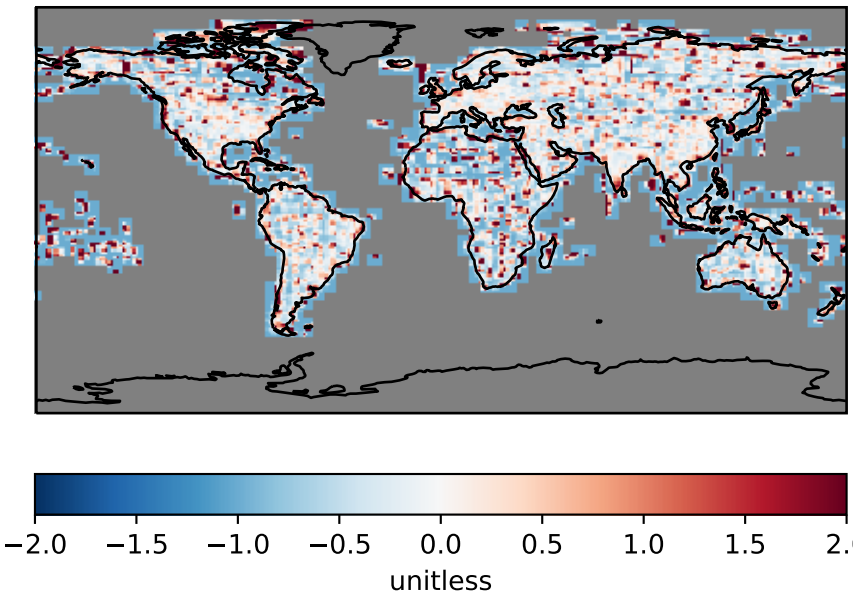
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

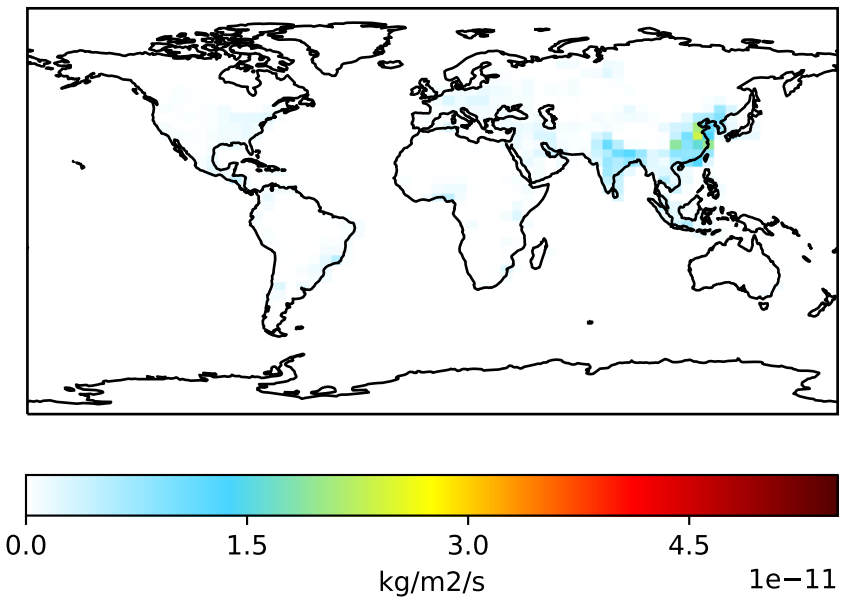


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

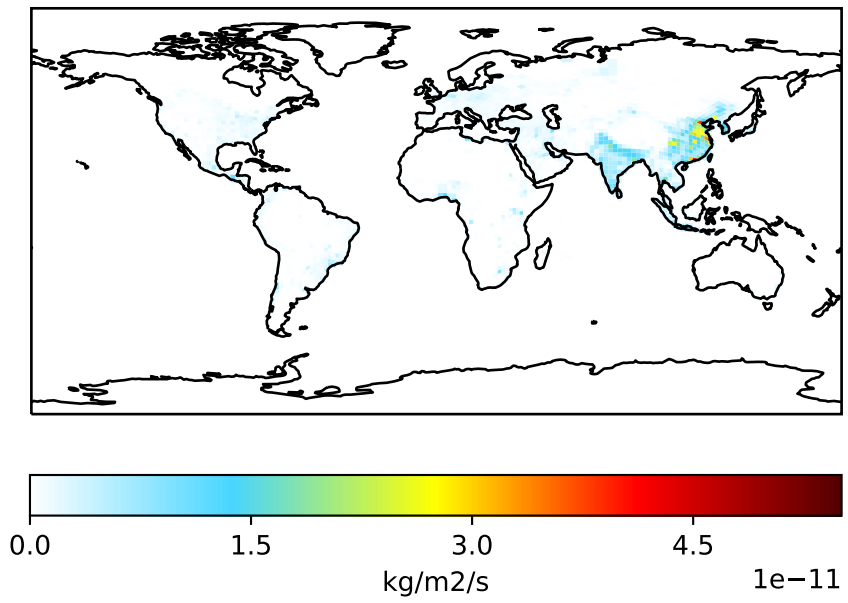


EmisBCPO_Anthro

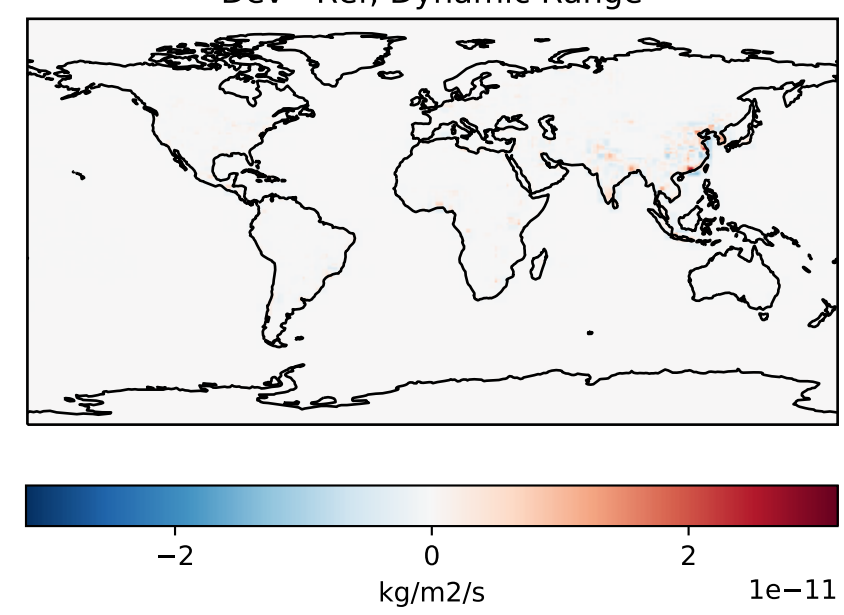
GC_12.8.0 (Ref)
4.0x5.0



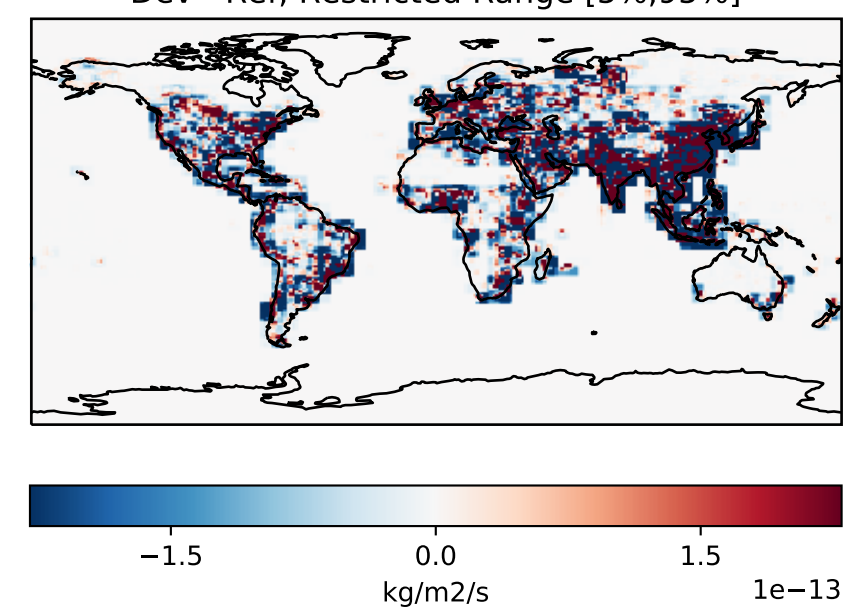
GCHP_12.8.0 (Dev)
c48



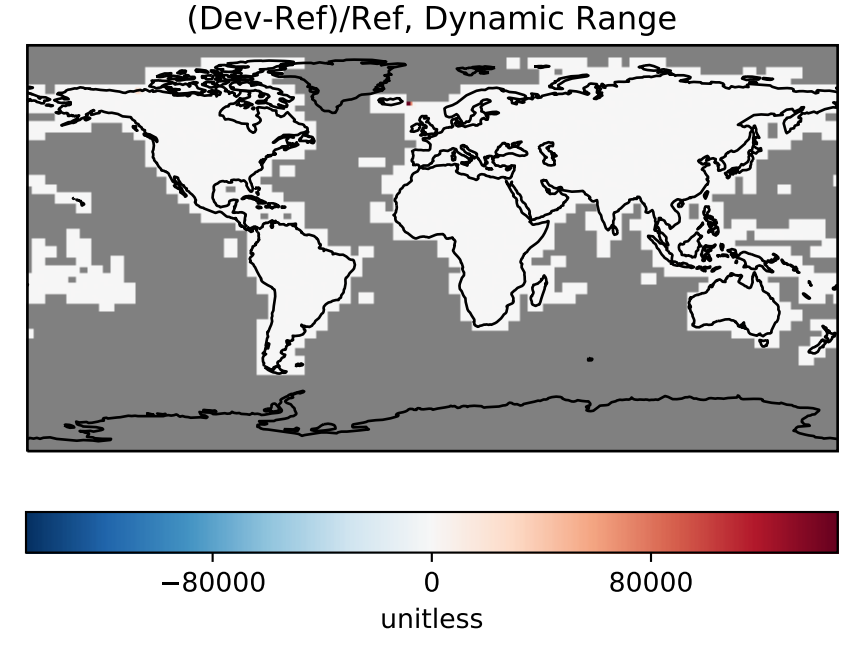
Difference (1x1.25)
Dev - Ref, Dynamic Range



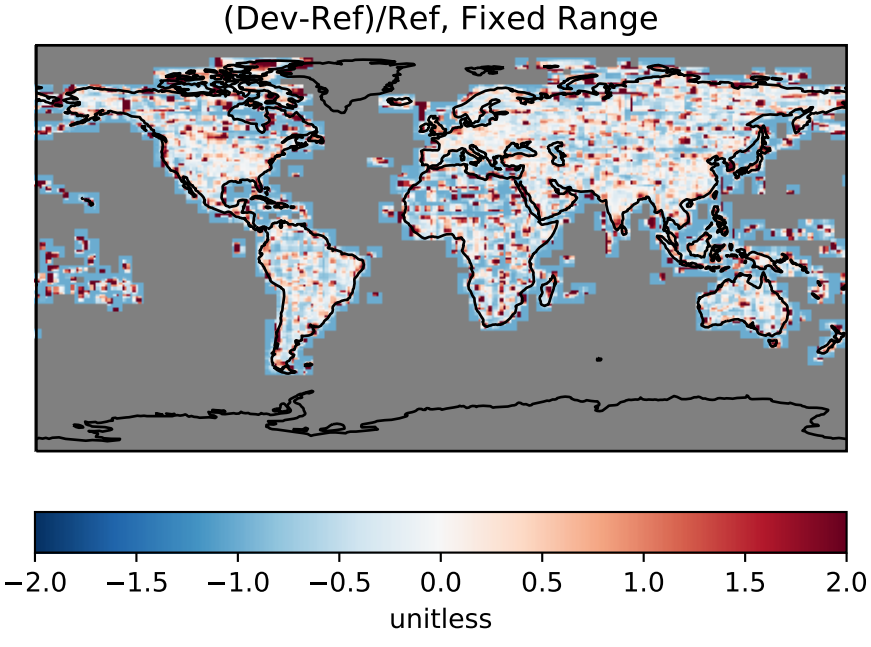
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

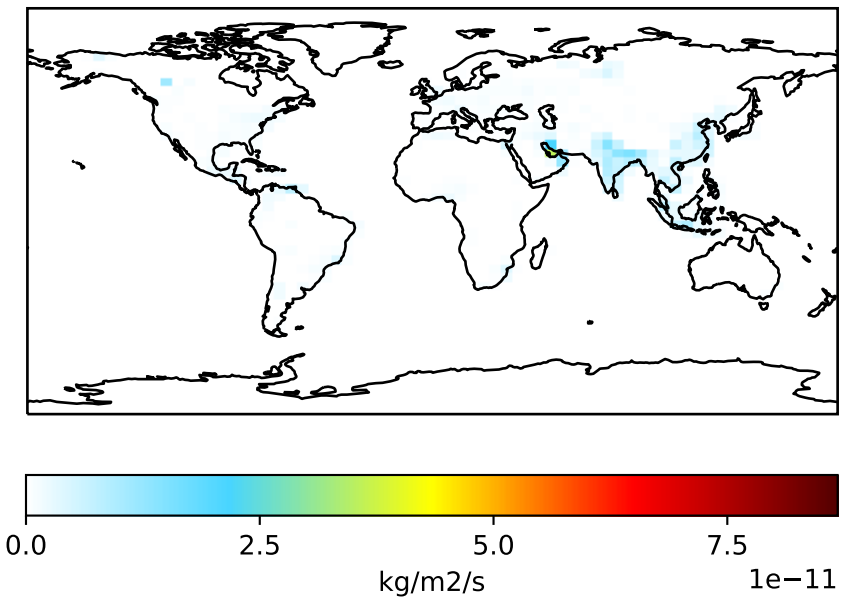


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

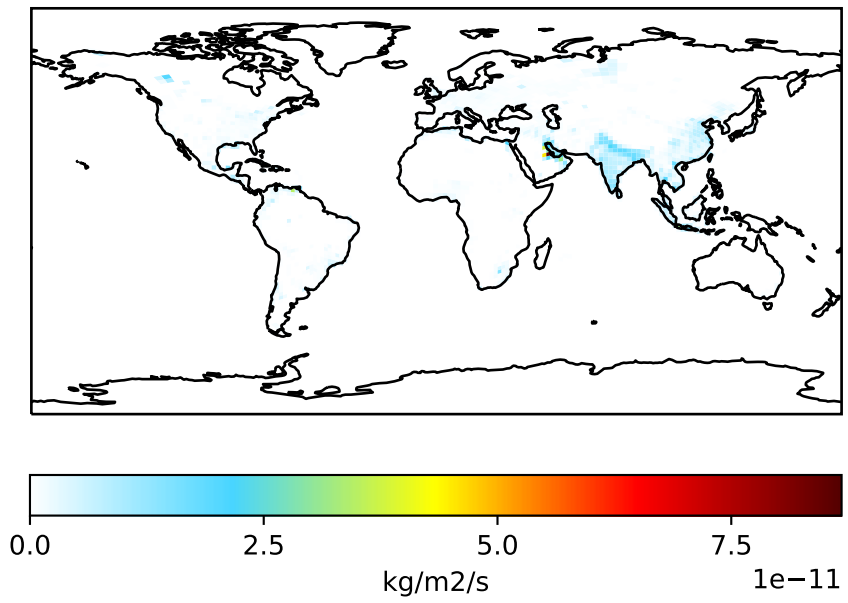


EmisBENZ_Anthro

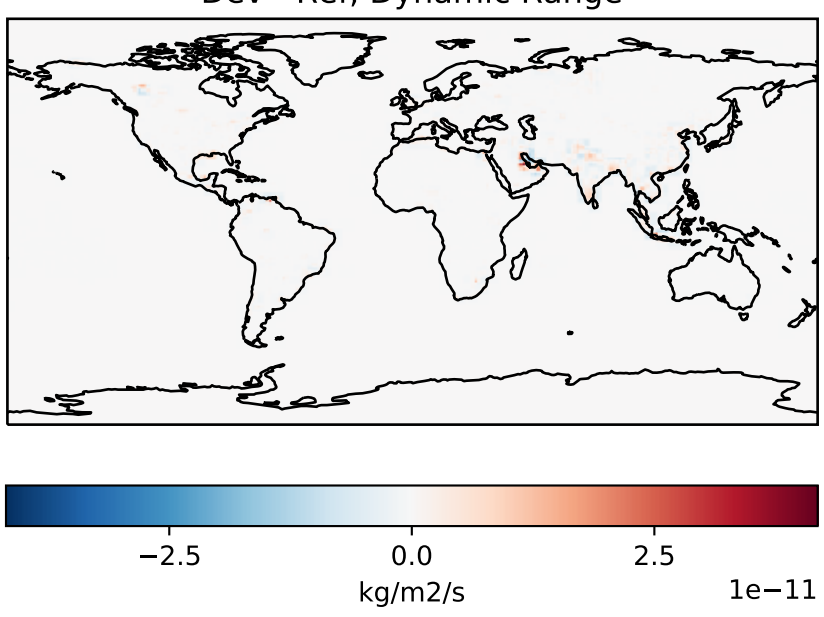
GC_12.8.0 (Ref)
4.0x5.0



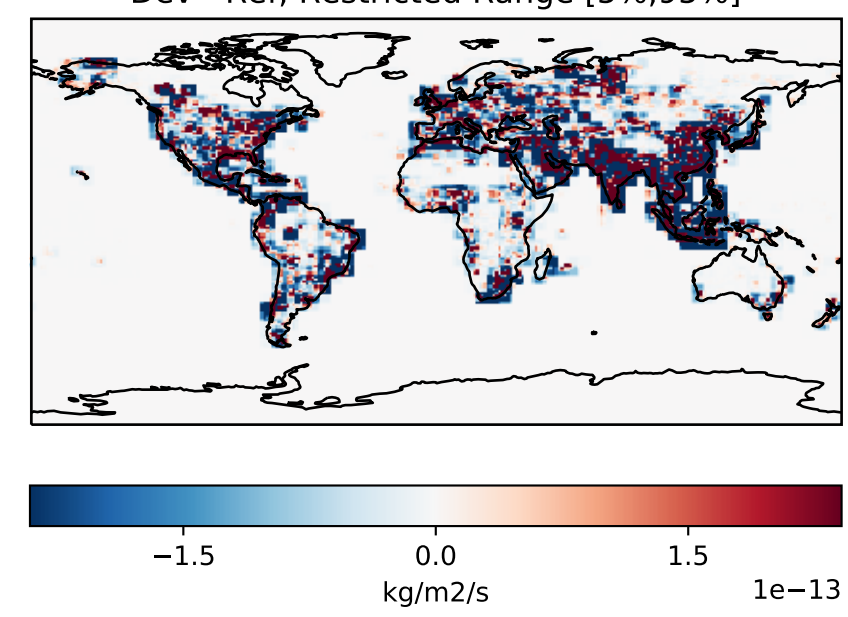
GCHP_12.8.0 (Dev)
c48



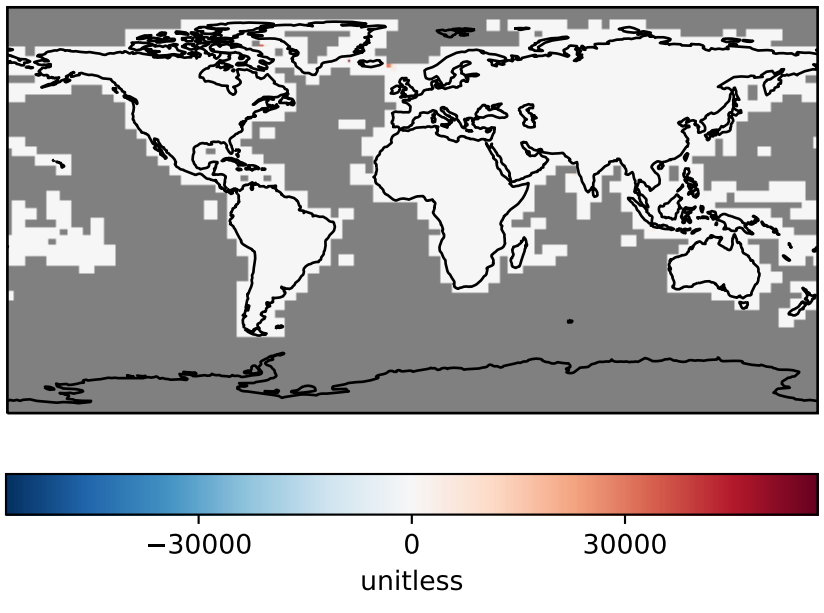
Difference (1x1.25)
Dev - Ref, Dynamic Range



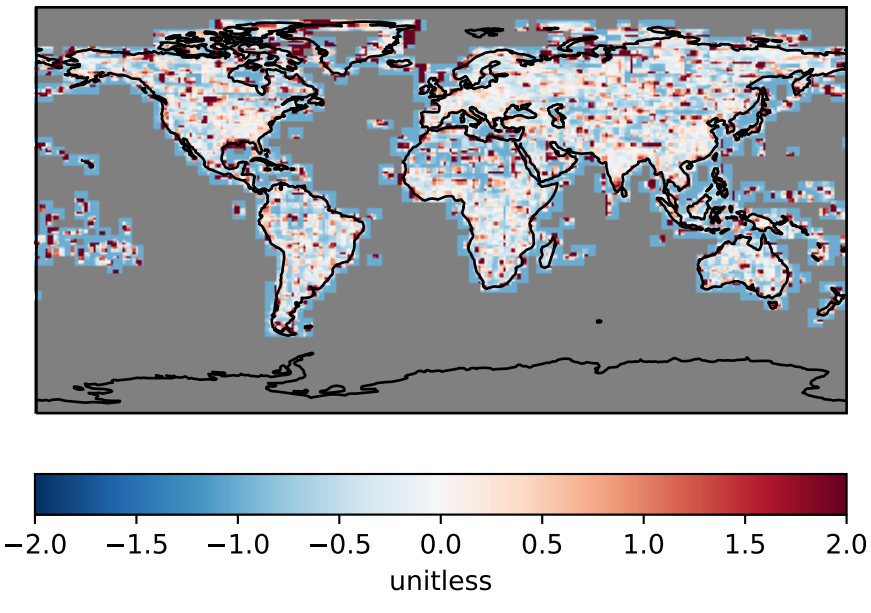
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

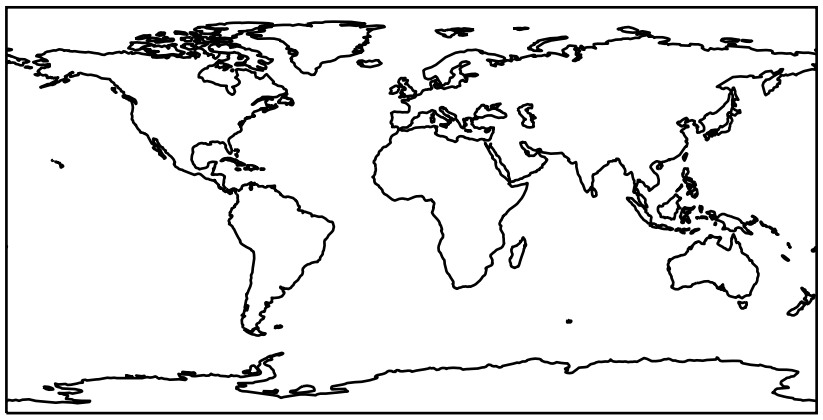


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



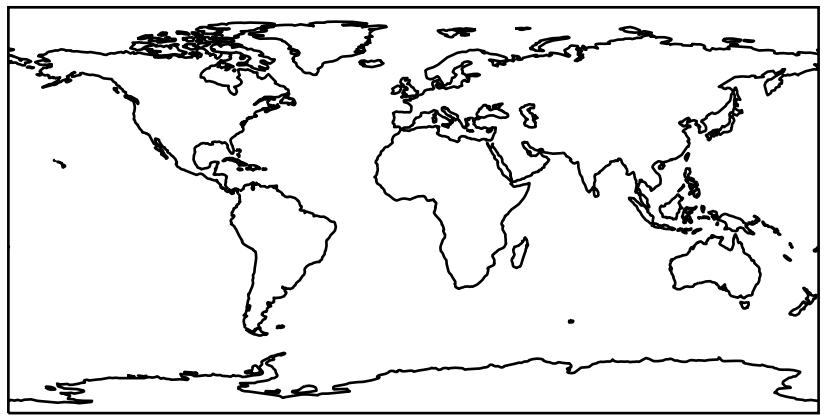
EmisC2H2_Anthro

GC_12.8.0 (Ref)
4.0x5.0



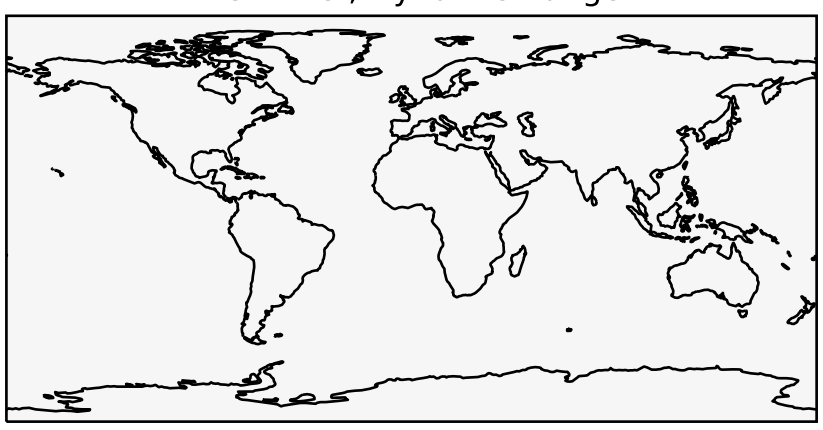
Zero throughout domain
kg/m2/s

GCHP_12.8.0 (Dev)
c48



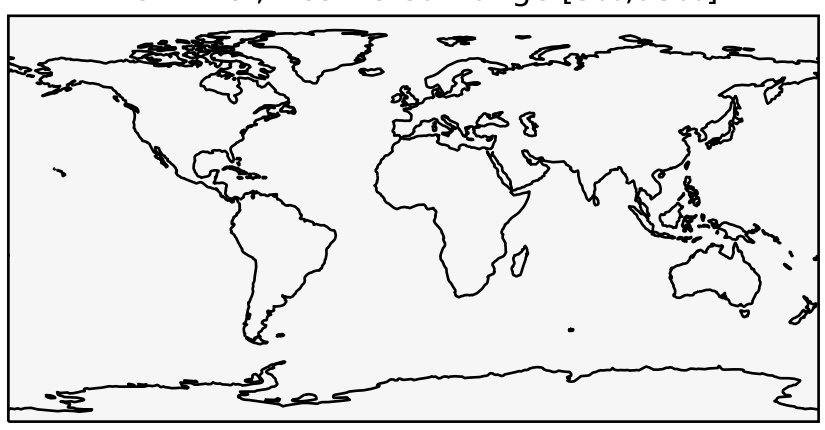
Zero throughout domain
kg/m2/s

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



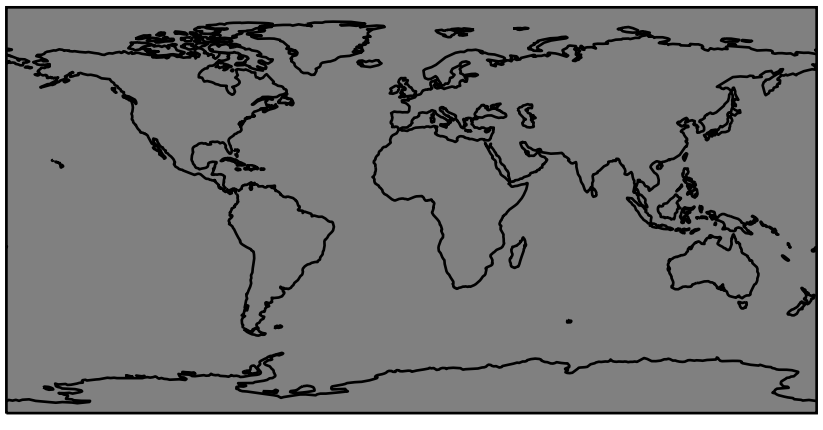
Zero throughout domain
kg/m2/s

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



Zero throughout domain
kg/m2/s

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



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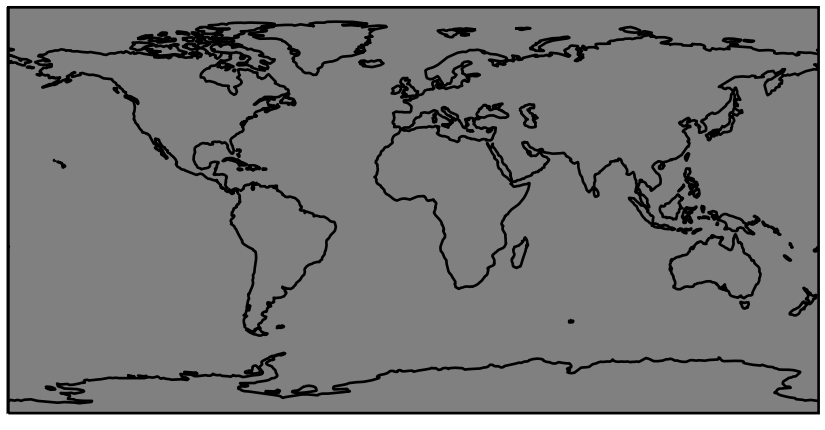
unitless

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



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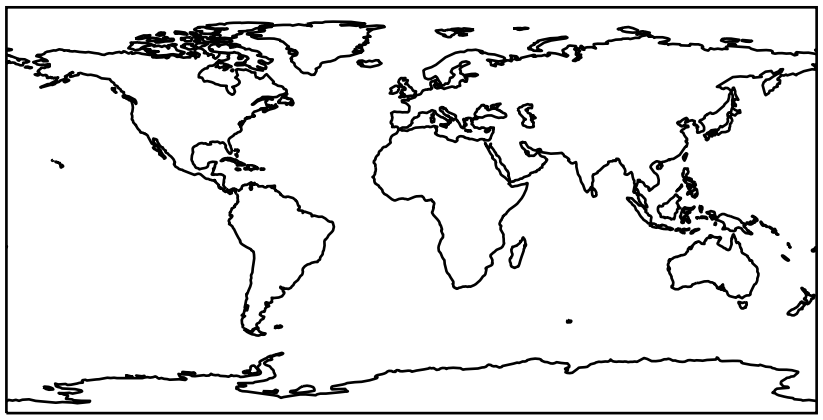
unitless

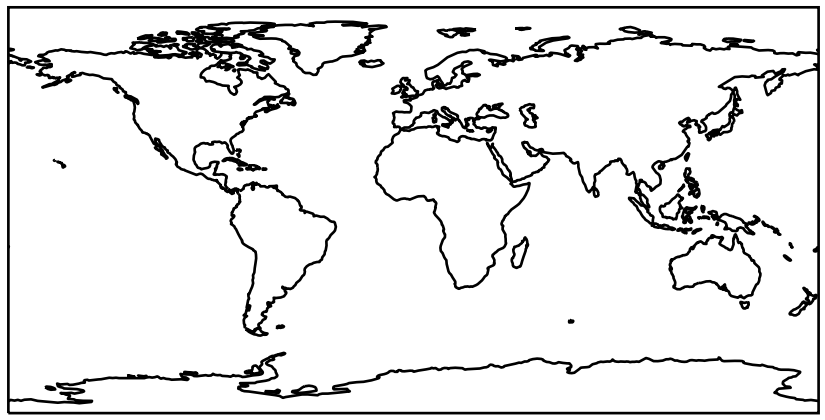
EmisC2H4_Anthro

GC_12.8.0 (Ref)
4.0x5.0



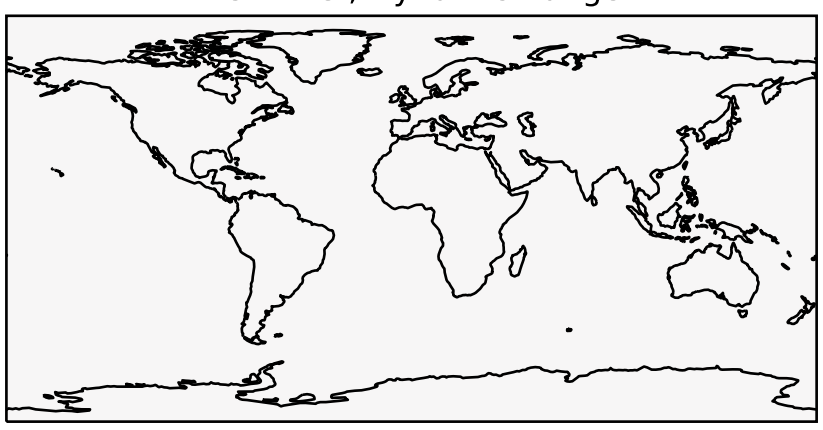
Zero throughout domain
kg/m2/s

GCHP_12.8.0 (Dev)
c48



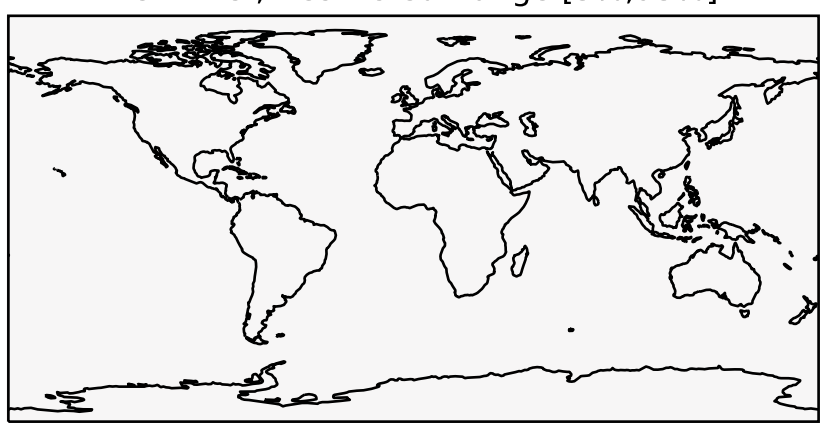
Zero throughout domain
kg/m2/s

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



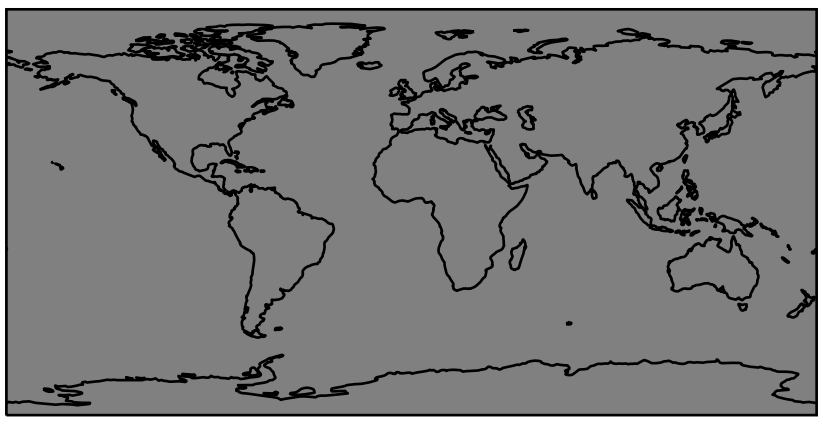
Zero throughout domain
kg/m2/s

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



Zero throughout domain
kg/m2/s

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



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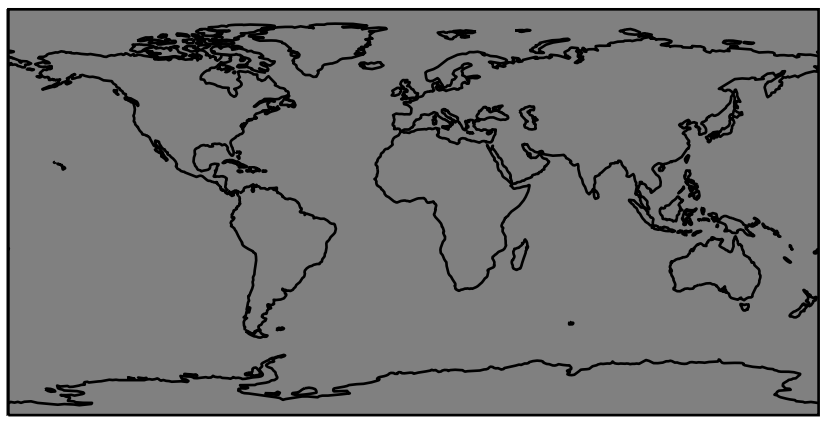
unitless

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



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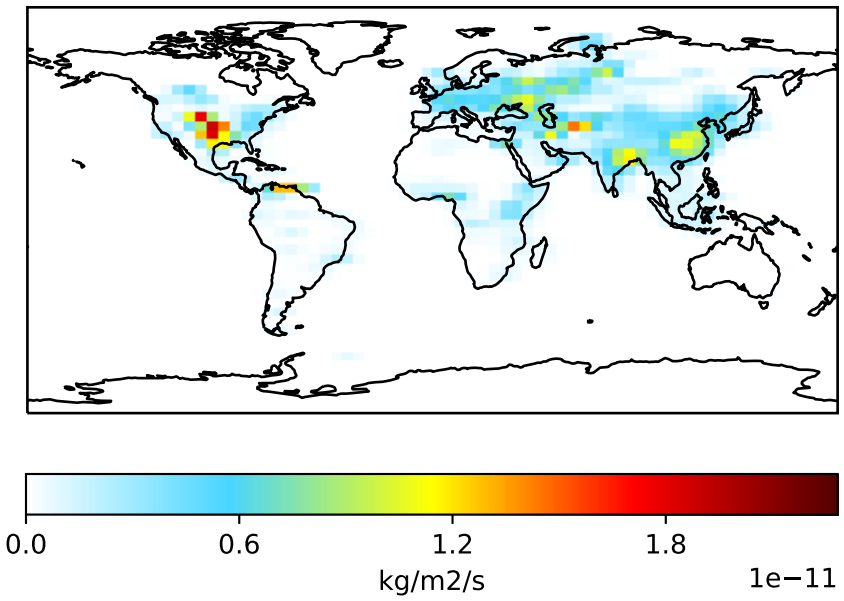
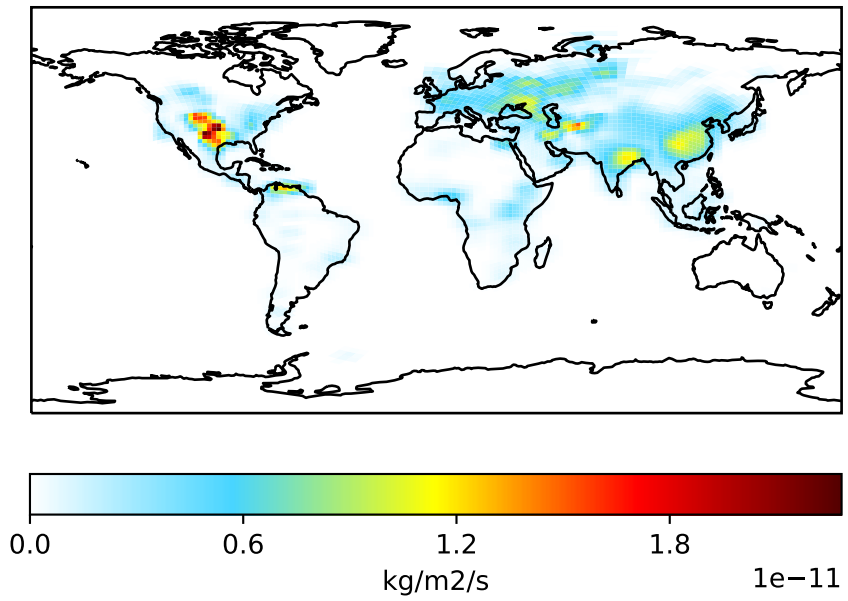
unitless

EmisC2H6_Anthro

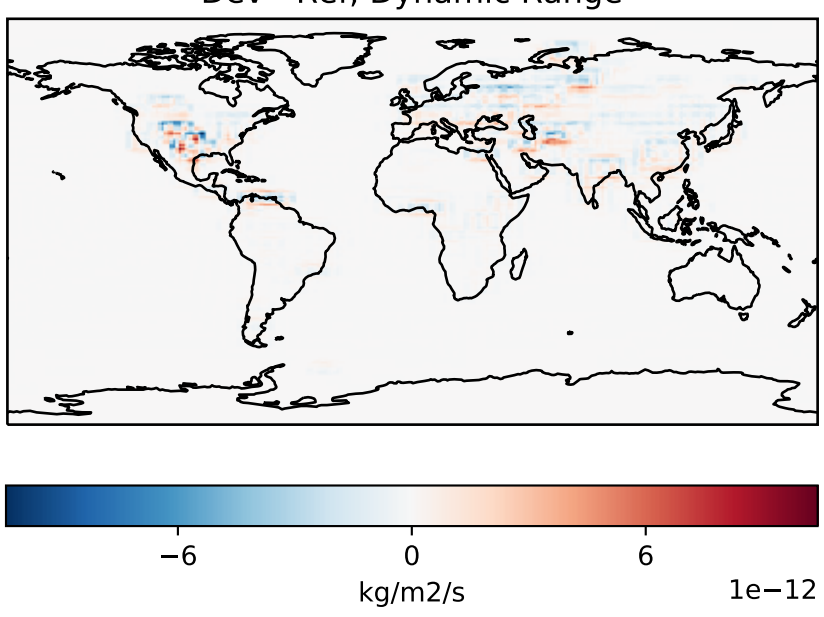
GC_12.8.0 (Ref)
4.0x5.0



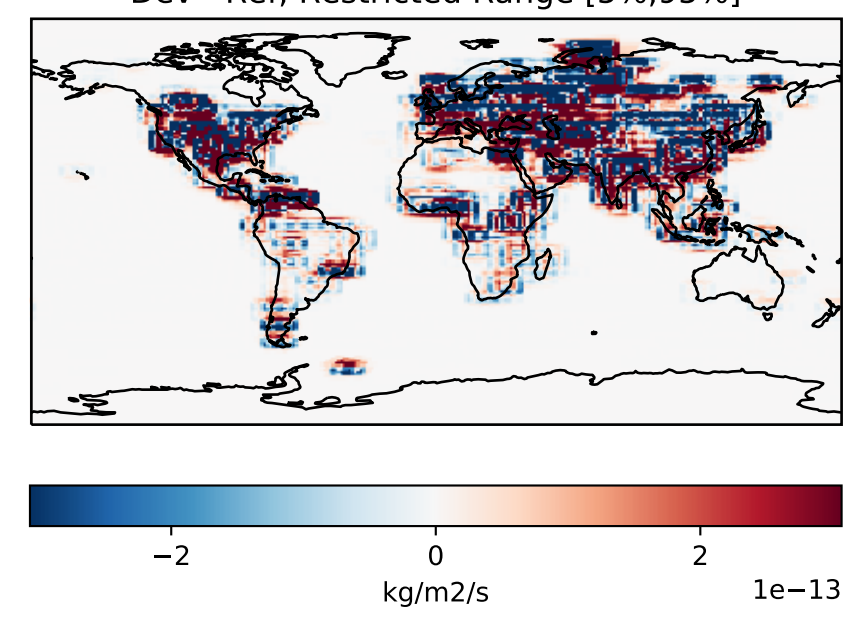
GCHP_12.8.0 (Dev)
c48



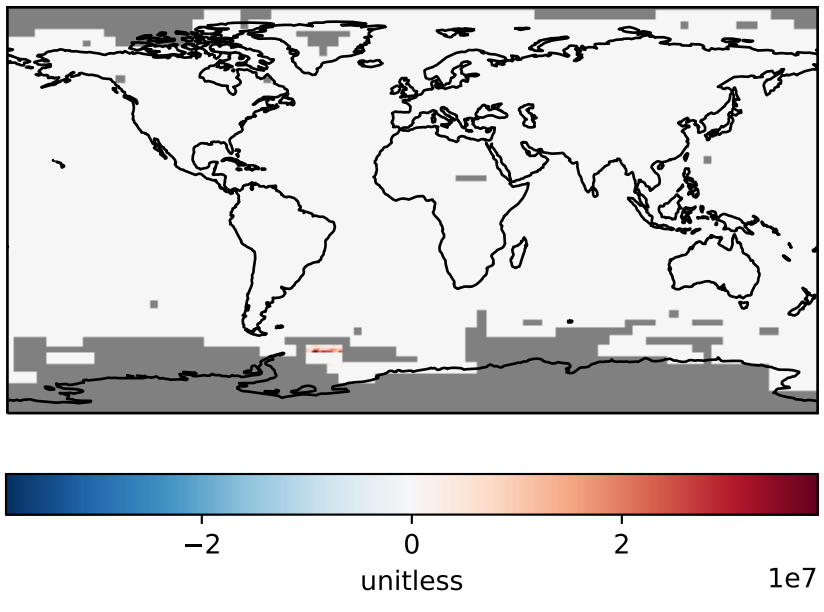
Difference (1x1.25)
Dev - Ref, Dynamic Range



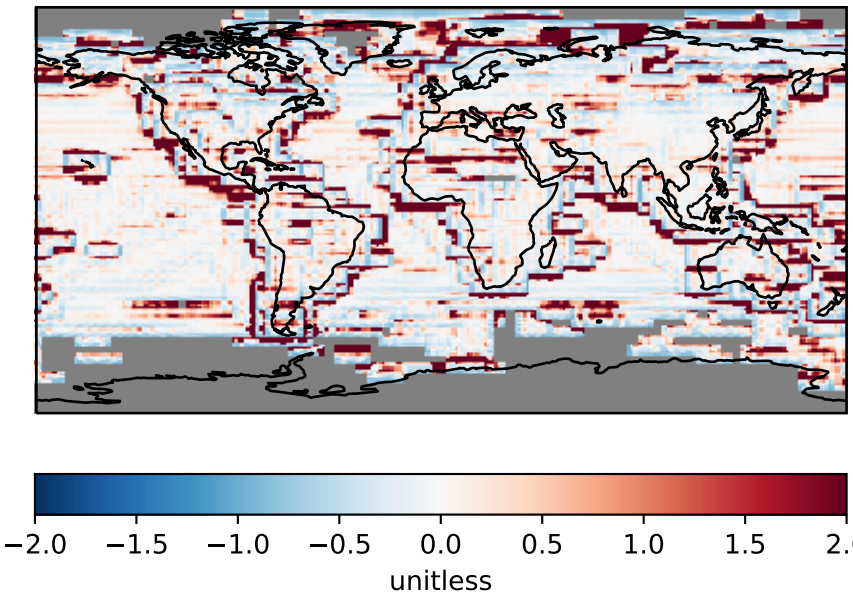
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

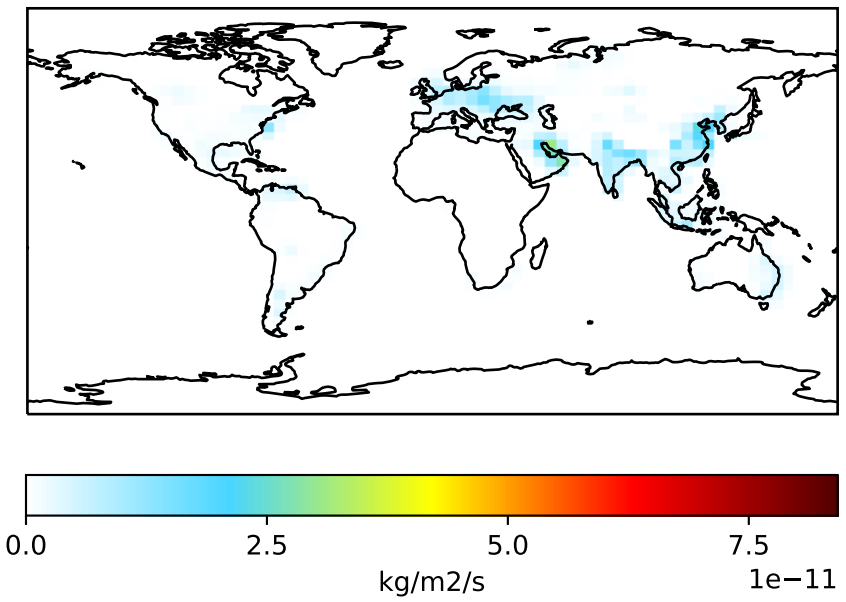


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

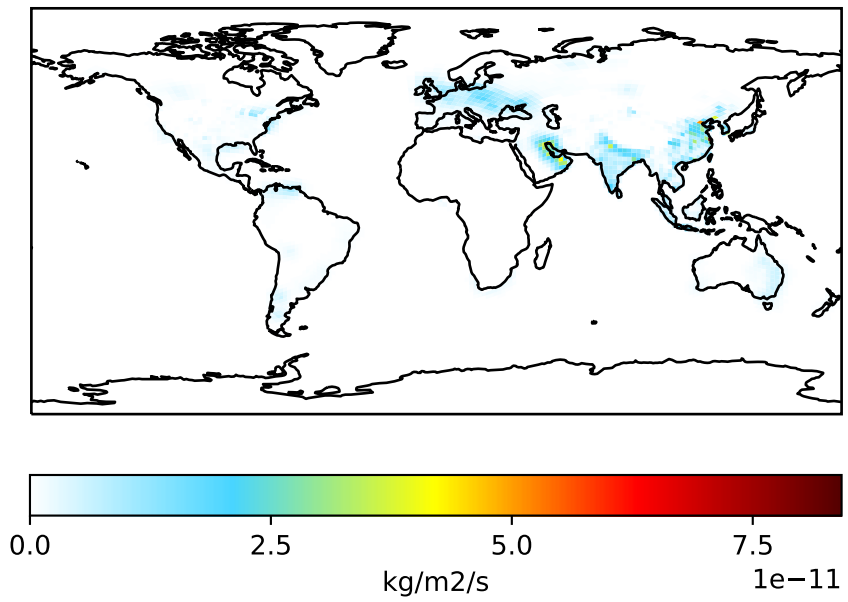


EmisC3H8_Anthro

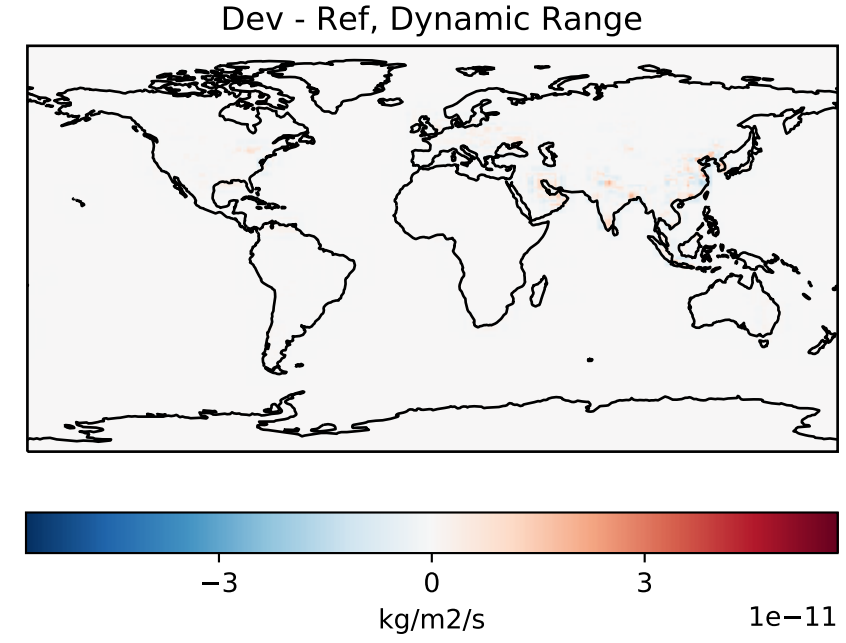
GC_12.8.0 (Ref)
4.0x5.0



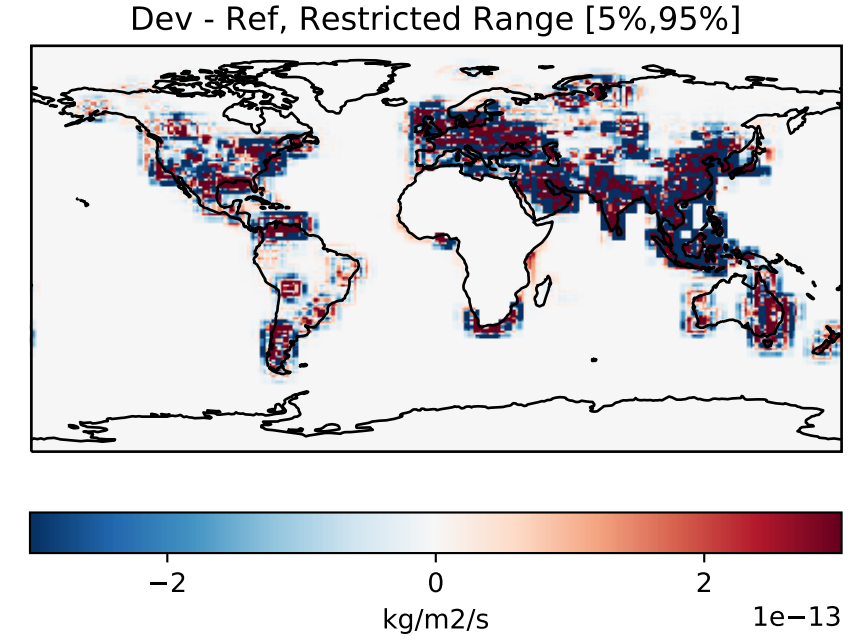
GCHP_12.8.0 (Dev)
c48



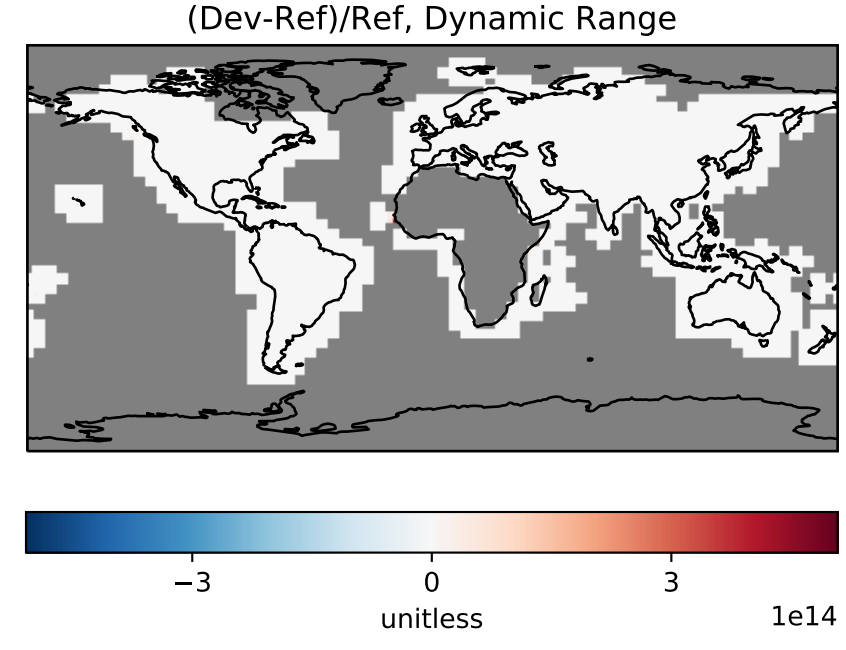
Difference (1x1.25)
Dev - Ref, Dynamic Range



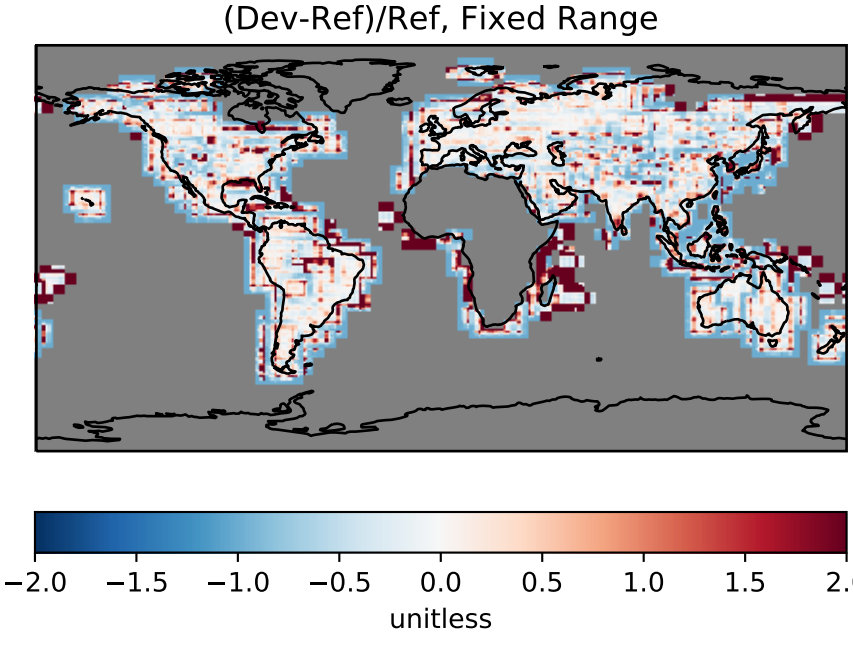
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

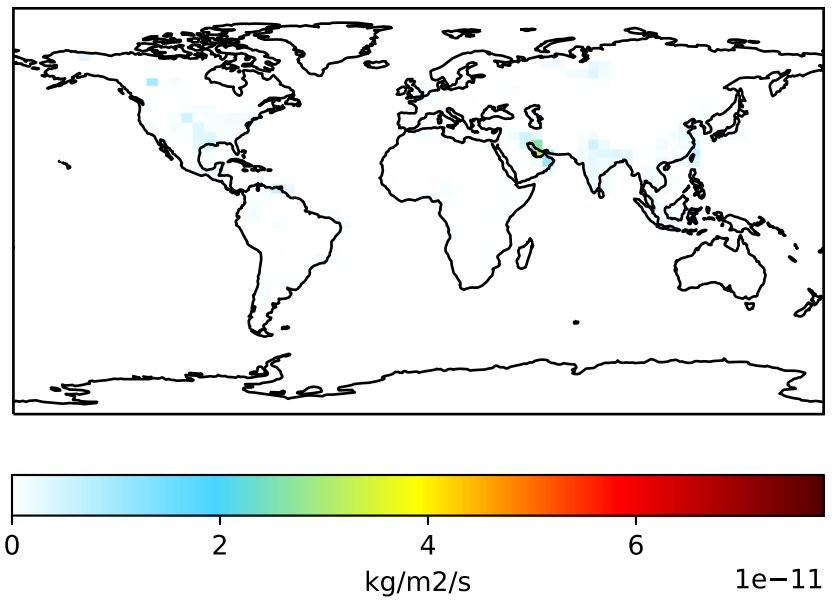


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

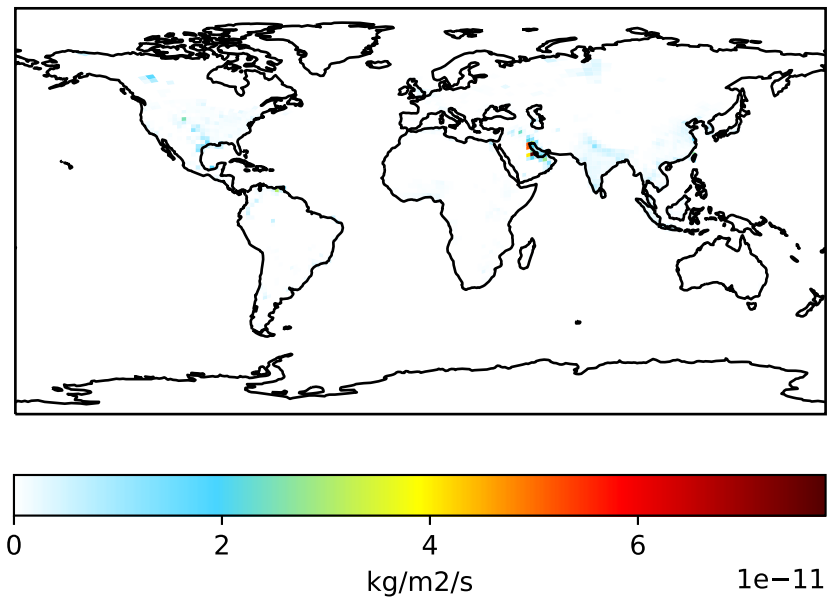


EmisCH2O_Anthro

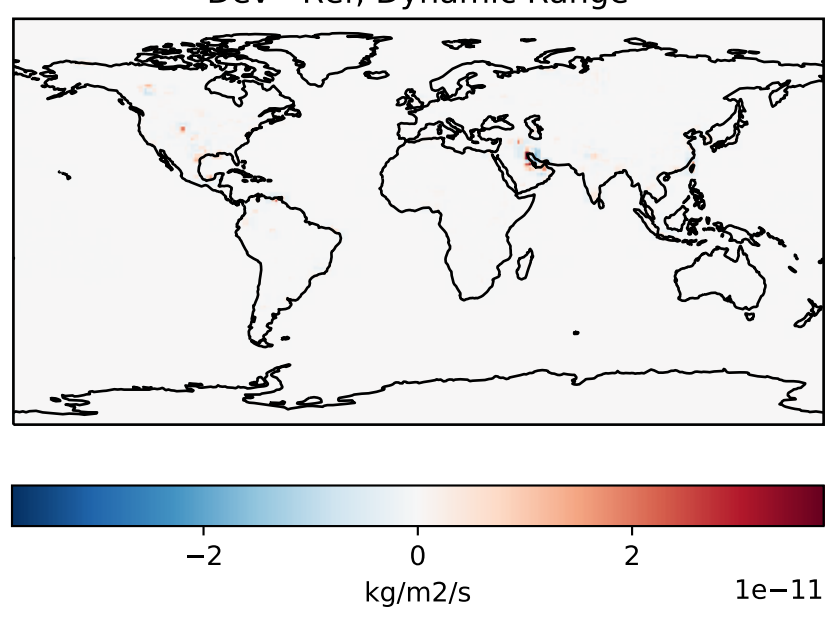
GC_12.8.0 (Ref)
4.0x5.0



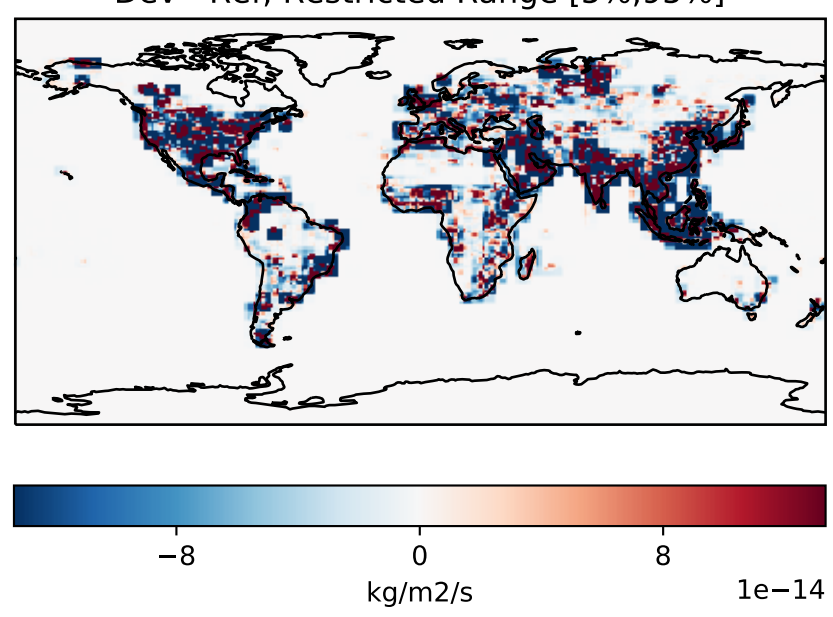
GCHP_12.8.0 (Dev)
c48



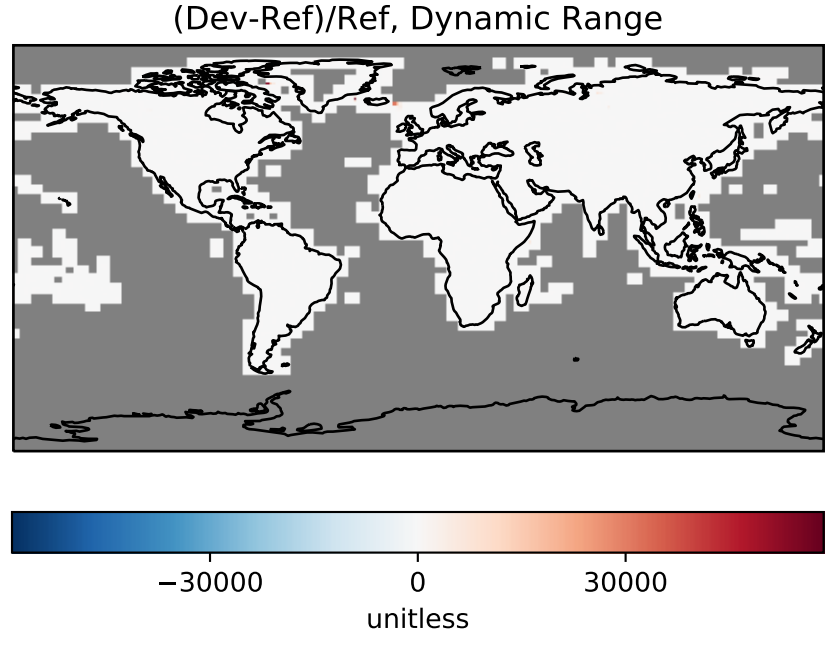
Difference (1x1.25)
Dev - Ref, Dynamic Range



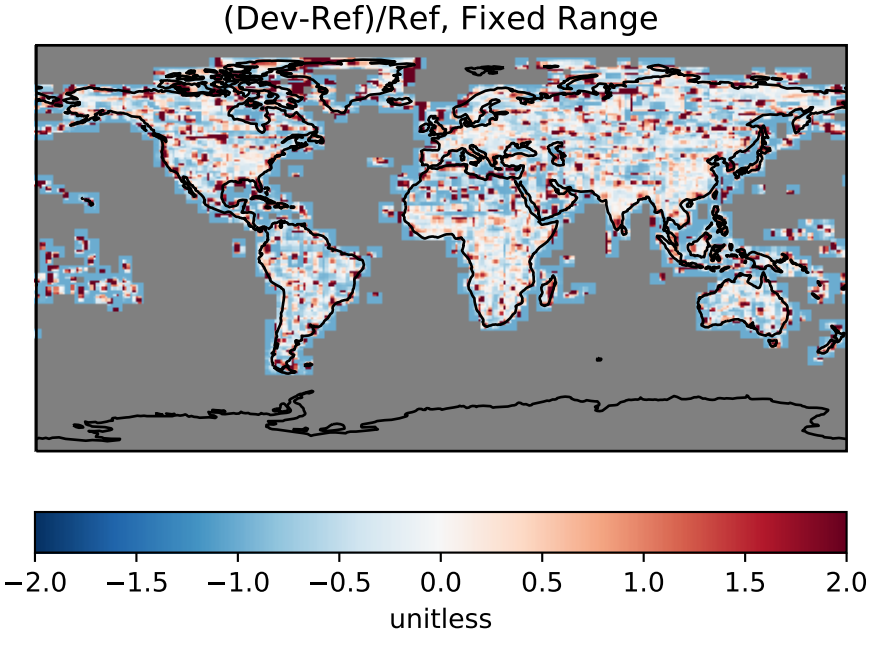
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

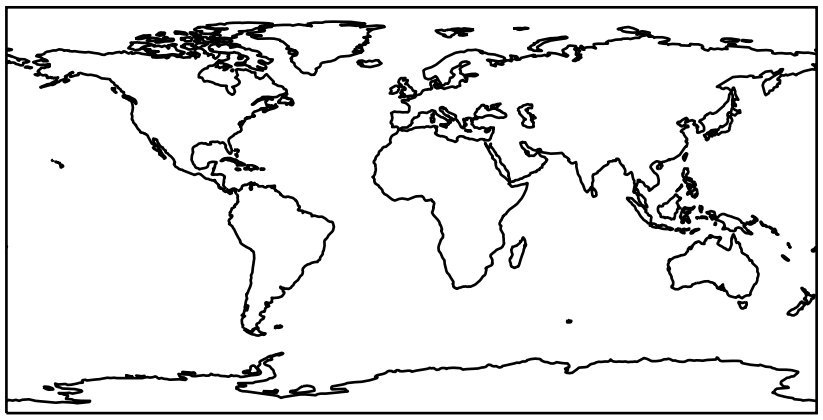


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



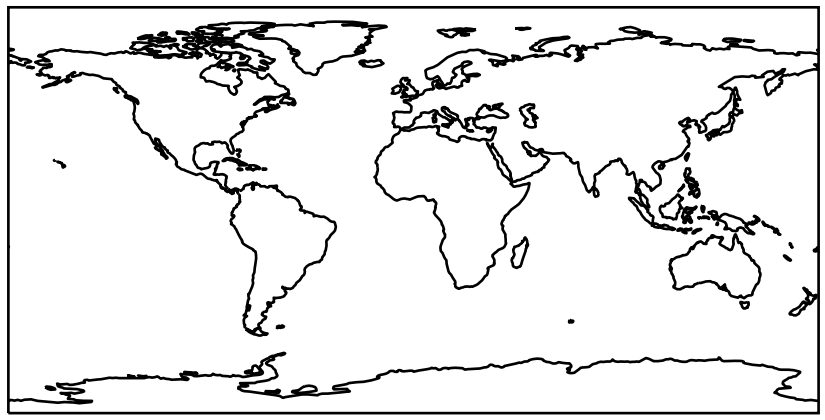
EmisCH4_Anthro

GC_12.8.0 (Ref)
4.0x5.0



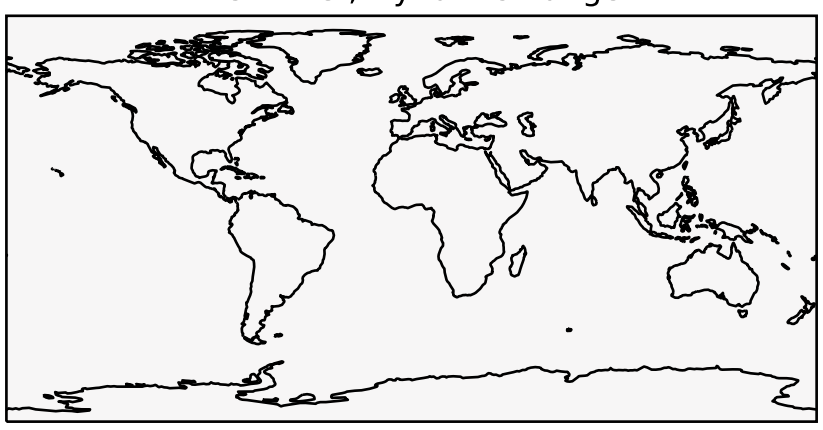
Zero throughout domain
kg/m2/s

GCHP_12.8.0 (Dev)
c48



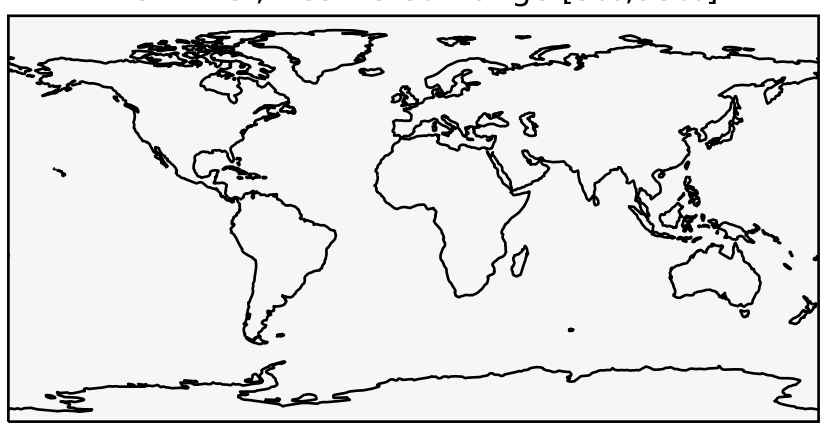
Zero throughout domain
kg/m2/s

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



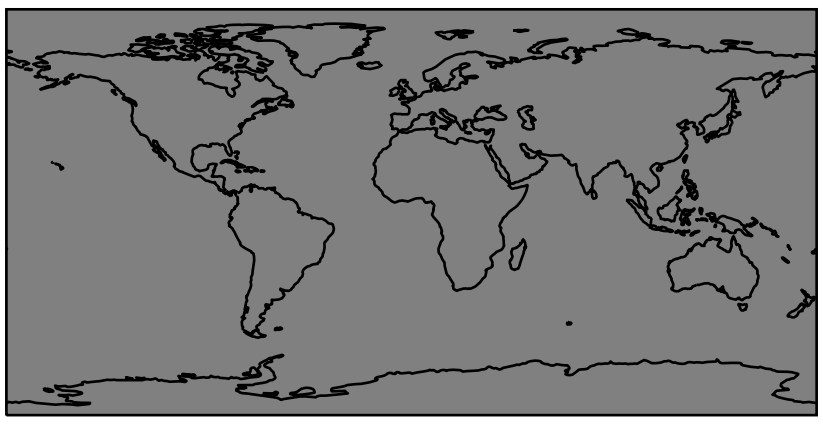
Zero throughout domain
kg/m2/s

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



Zero throughout domain
kg/m2/s

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



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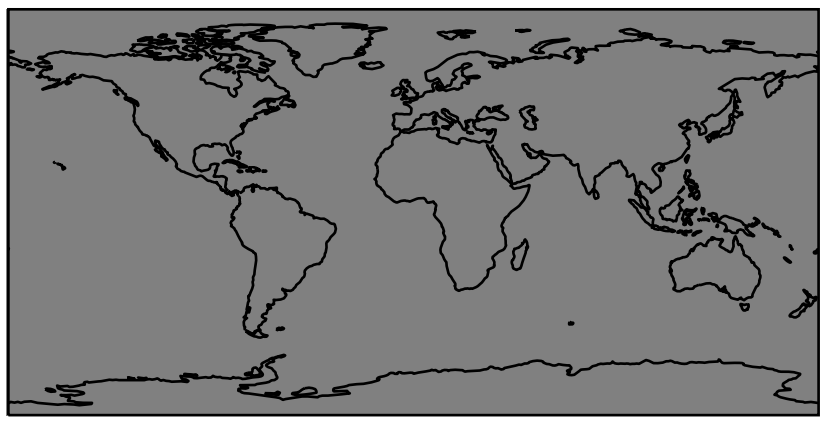
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



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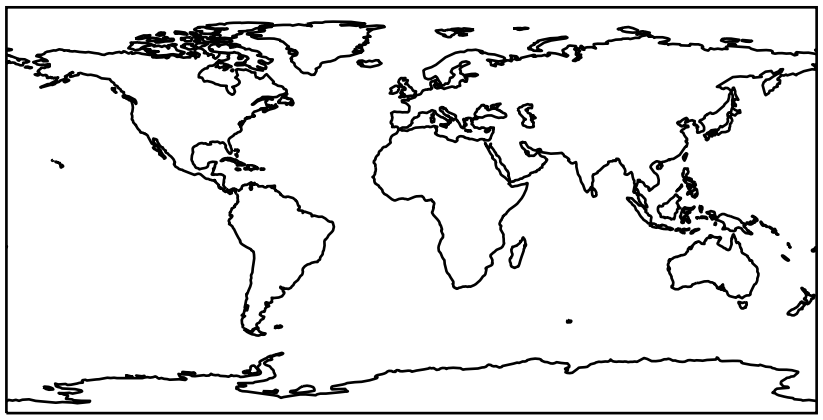
unitless

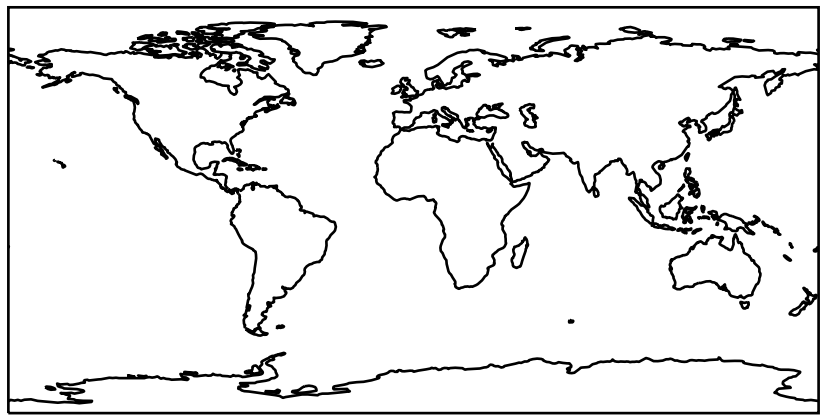
EmisCO2_Anthro

GC_12.8.0 (Ref)
4.0x5.0



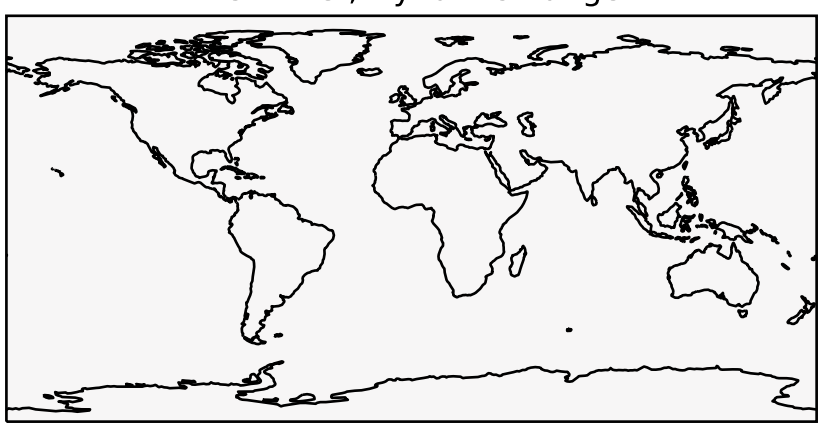
Zero throughout domain
kg/m2/s

GCHP_12.8.0 (Dev)
c48



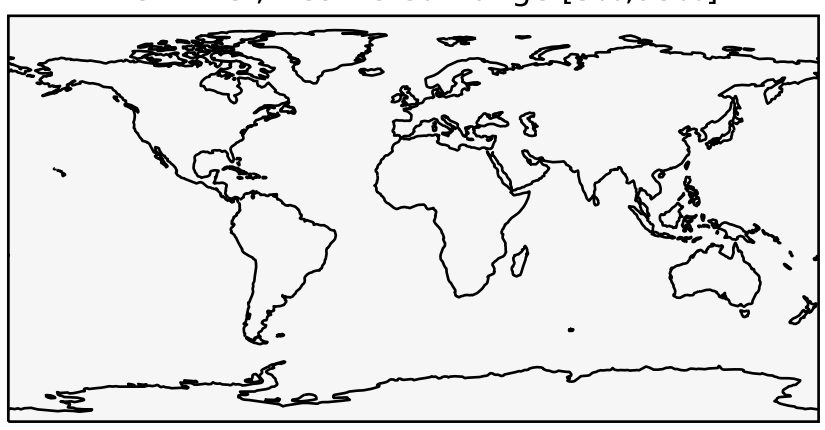
Zero throughout domain
kg/m2/s

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



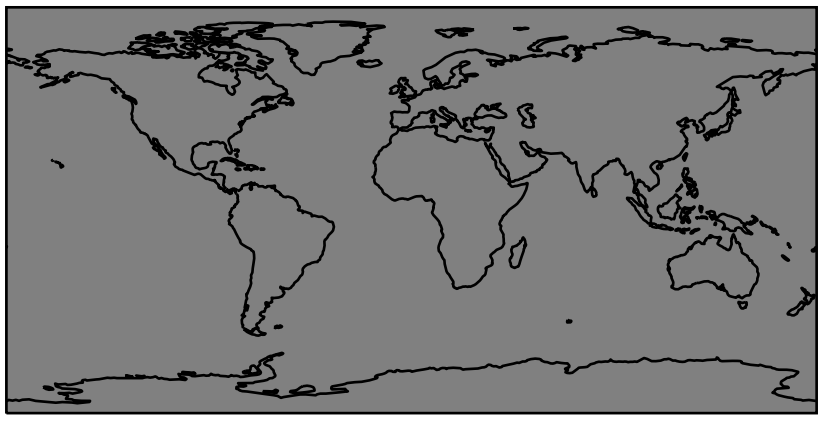
Zero throughout domain
kg/m2/s

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



Zero throughout domain
kg/m2/s

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



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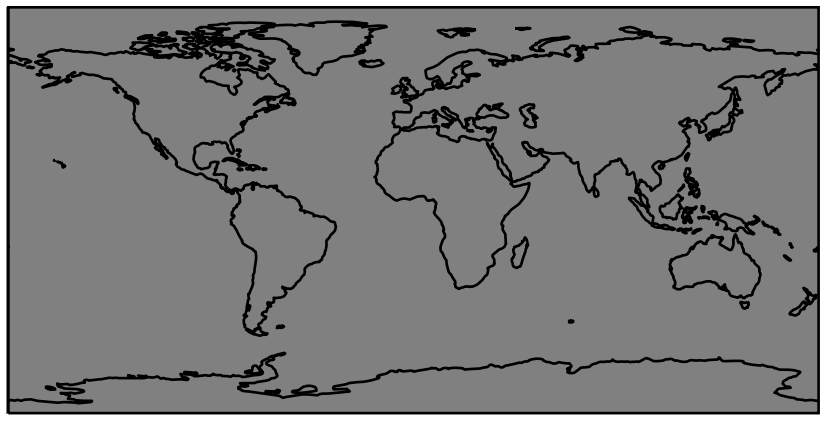
unitless

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



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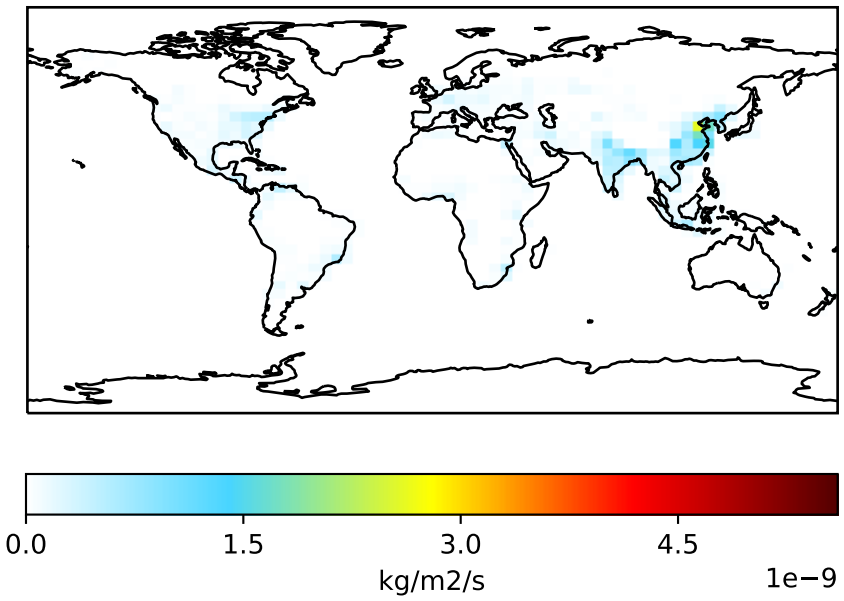
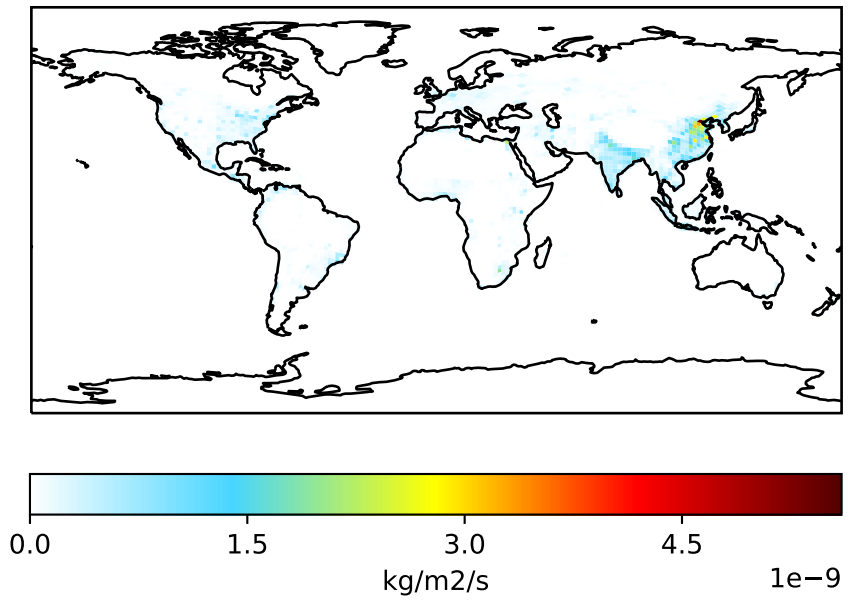
unitless

EmisCO_Anthro

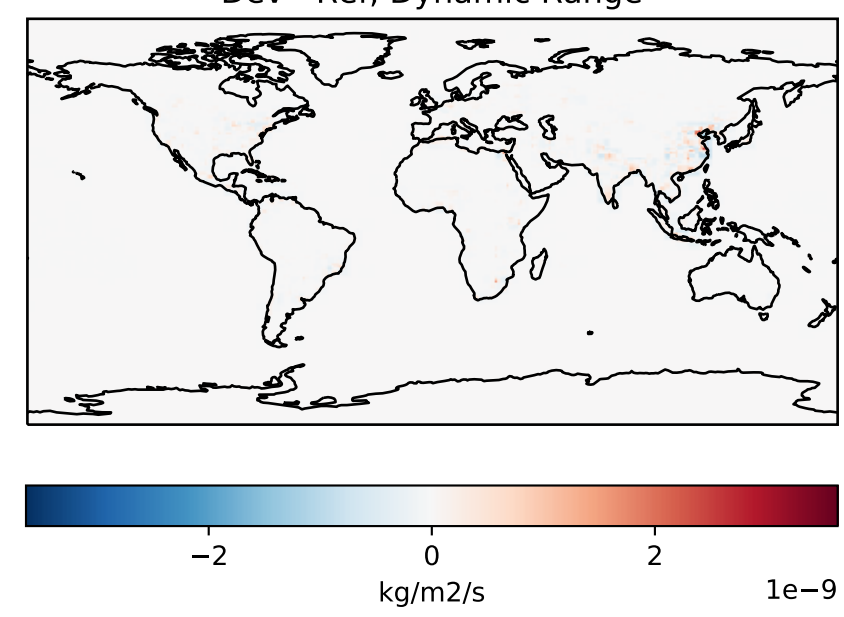
GC_12.8.0 (Ref)
4.0x5.0



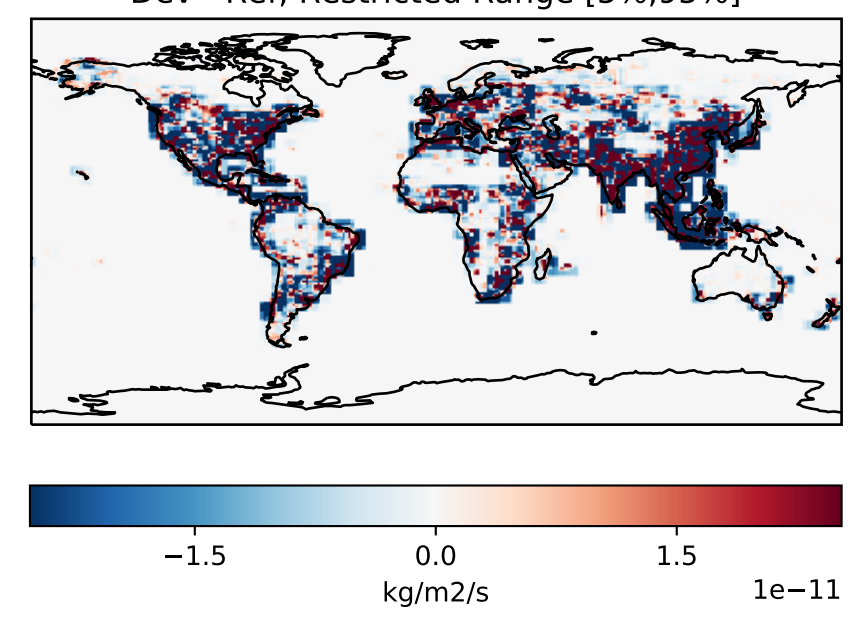
GCHP_12.8.0 (Dev)
c48



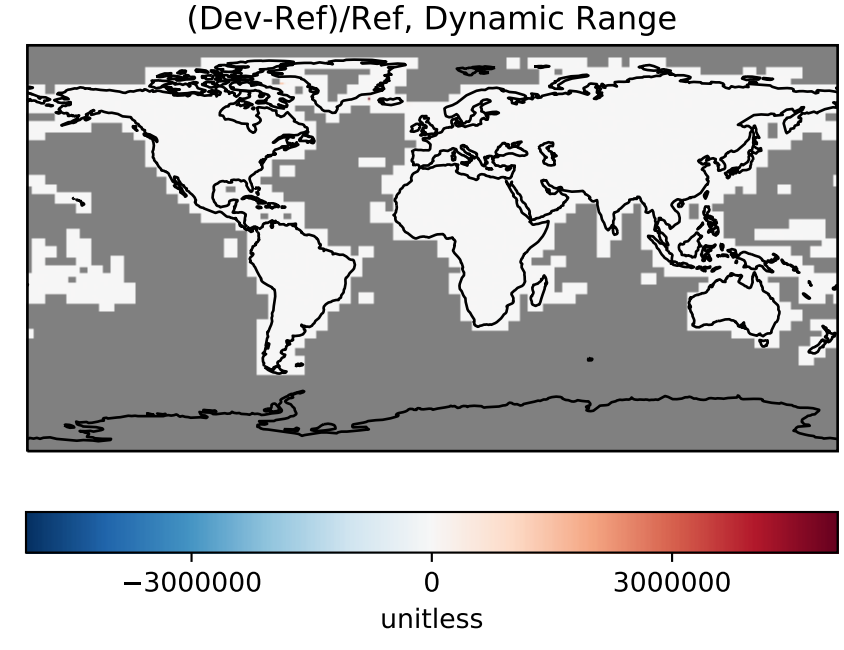
Difference (1x1.25)
Dev - Ref, Dynamic Range



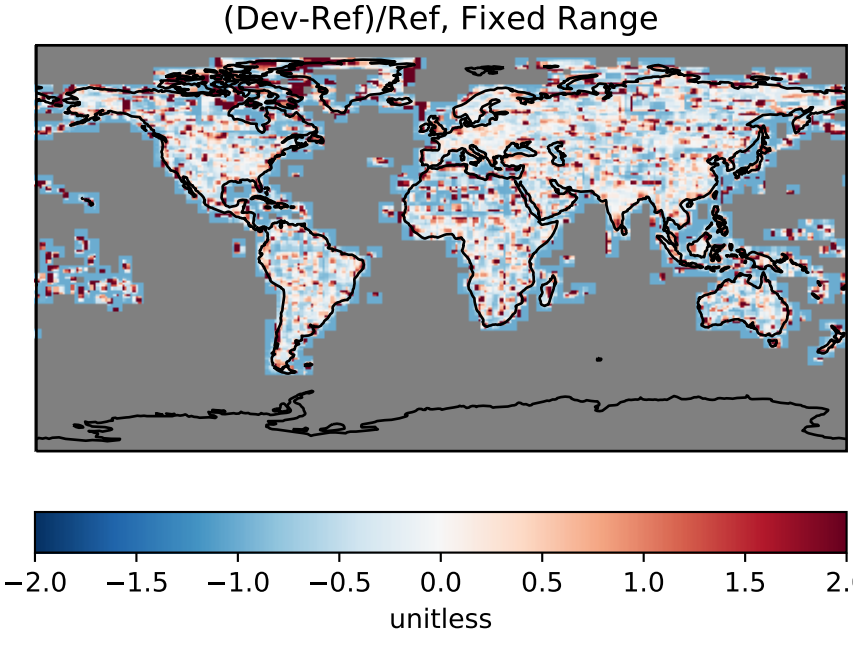
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

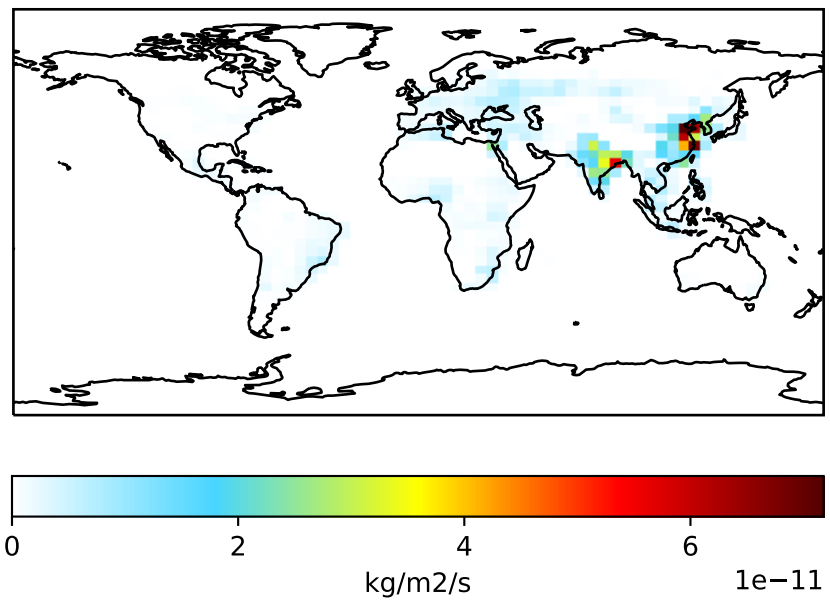


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

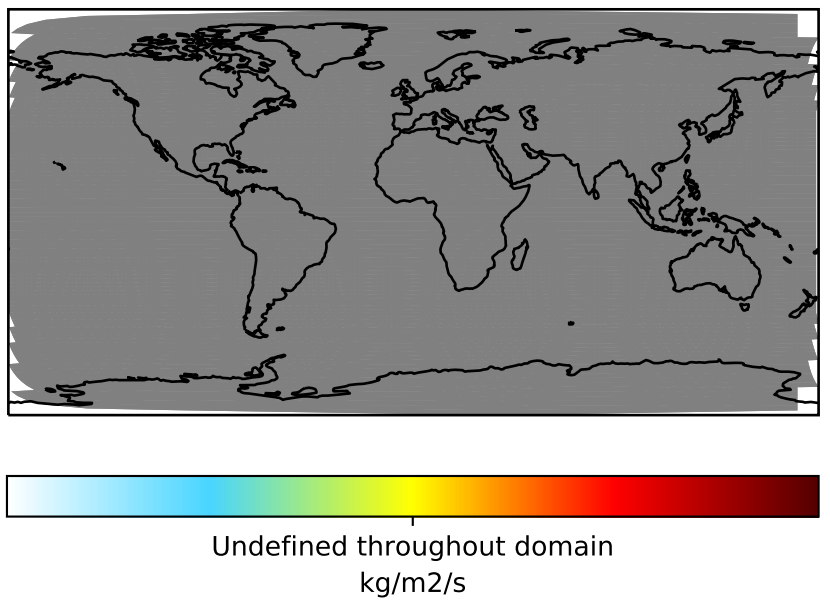


EmisDST1_Anthro

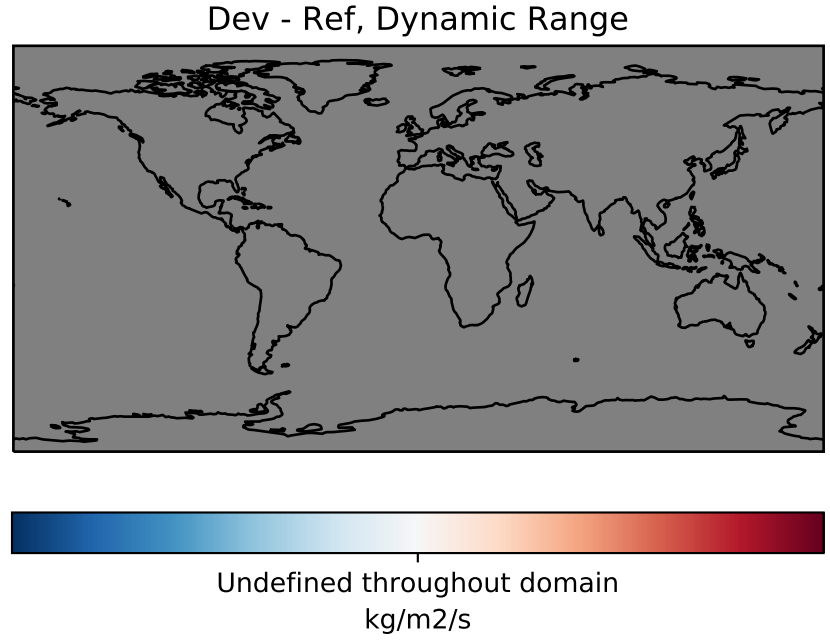
GC_12.8.0 (Ref)
4.0x5.0



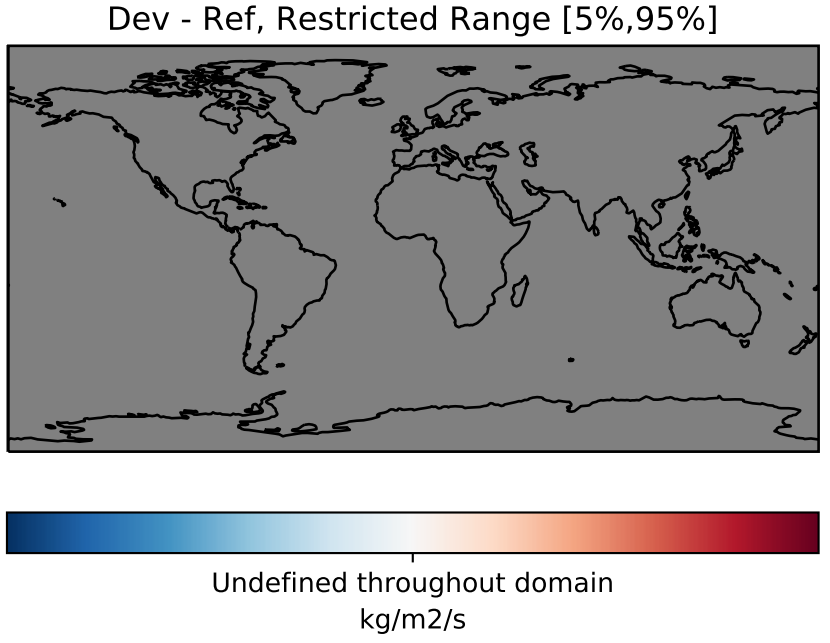
GCHP_12.8.0 (Dev)
c48



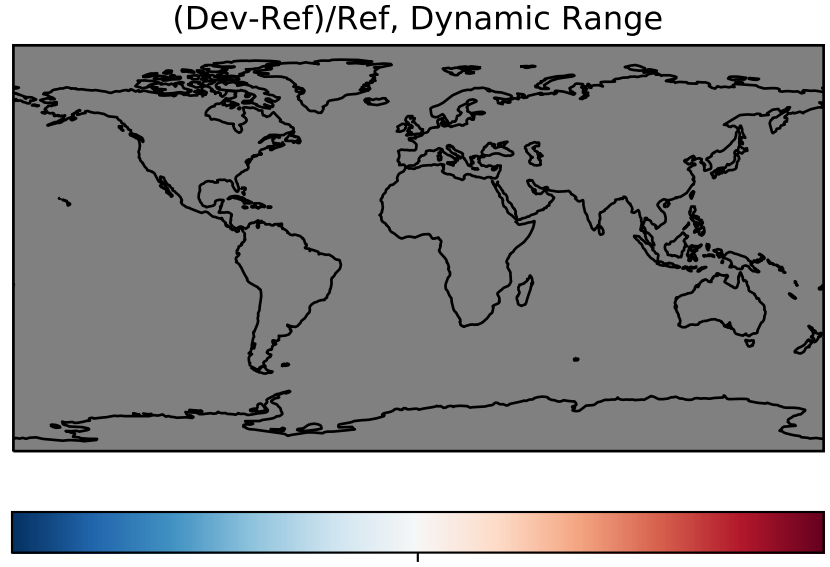
Difference (1x1.25)
Dev - Ref, Dynamic Range



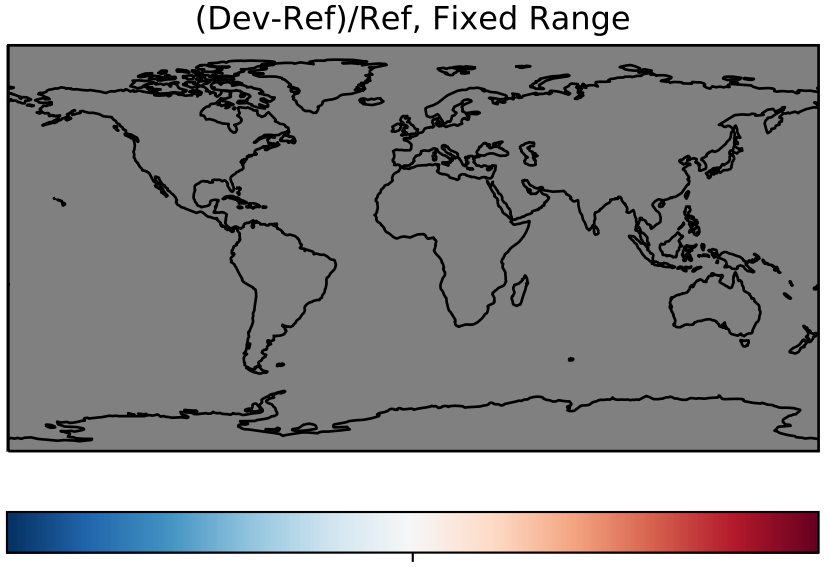
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

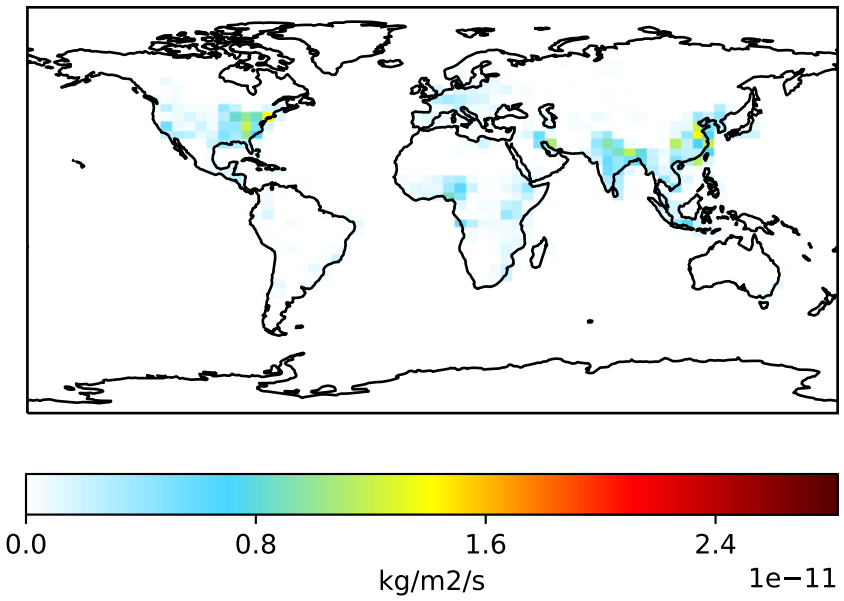


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

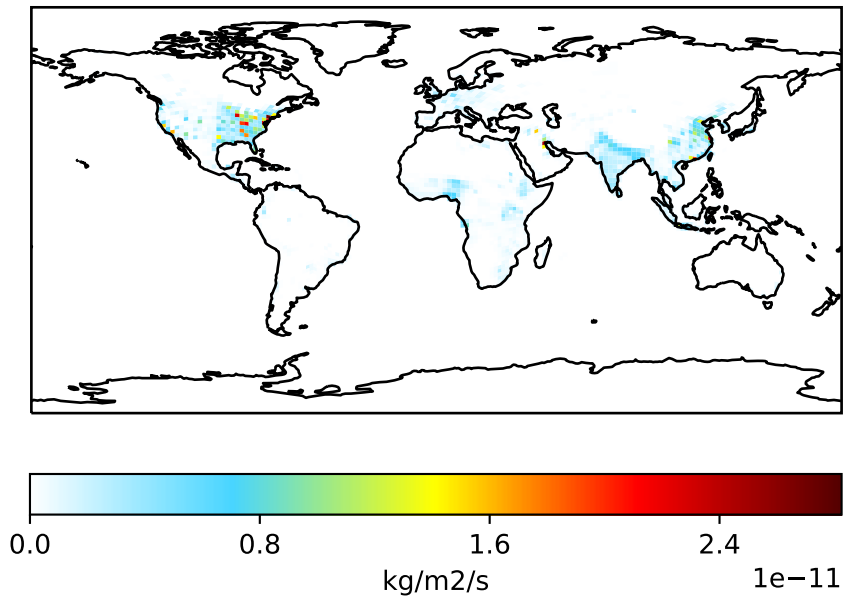


EmisEOH_Anthro

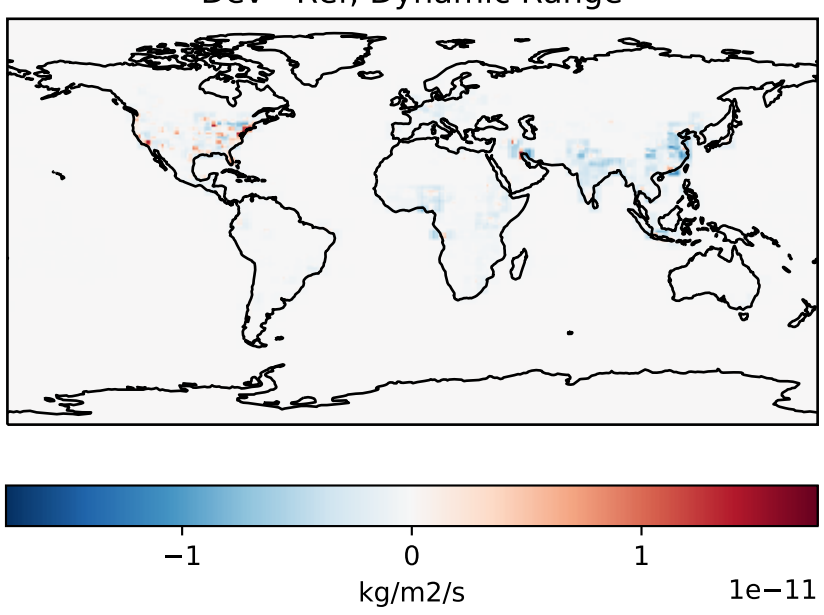
GC_12.8.0 (Ref)
4.0x5.0



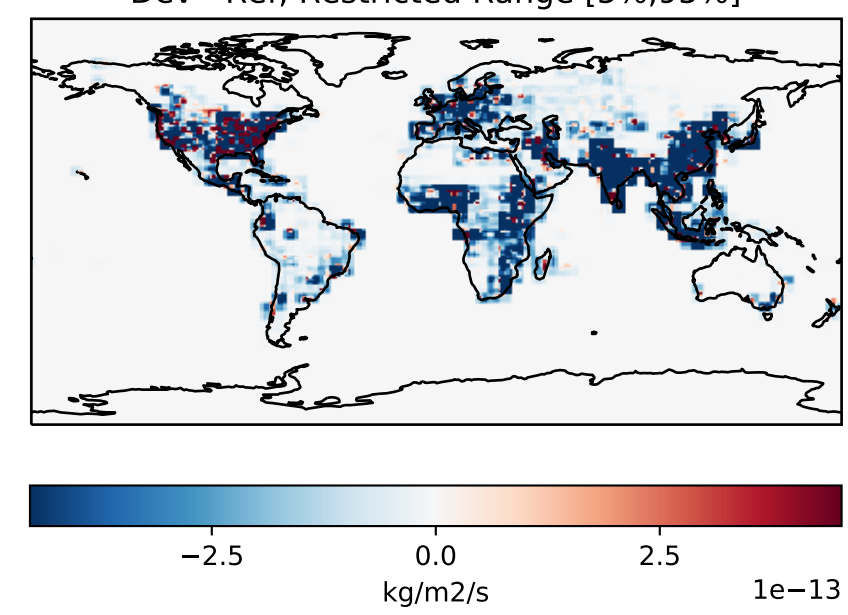
GCHP_12.8.0 (Dev)
c48



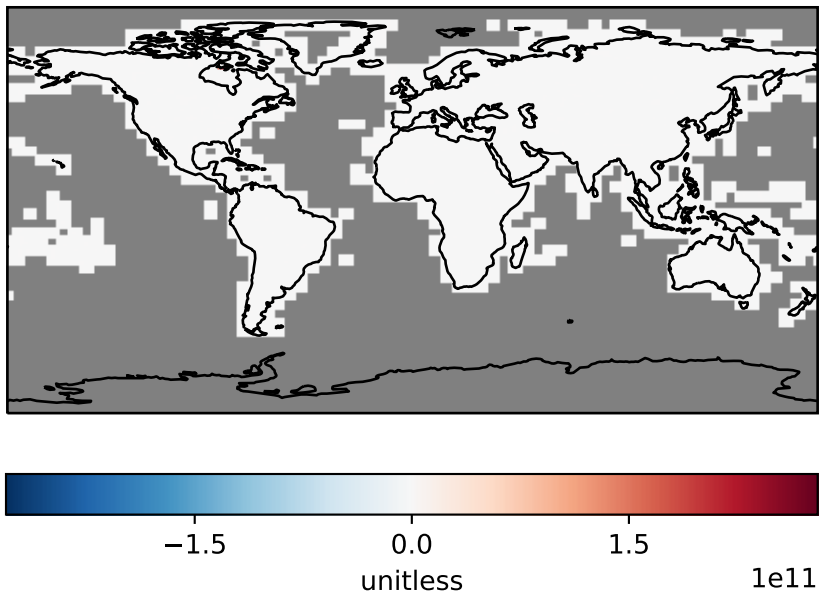
Difference (1x1.25)
Dev - Ref, Dynamic Range



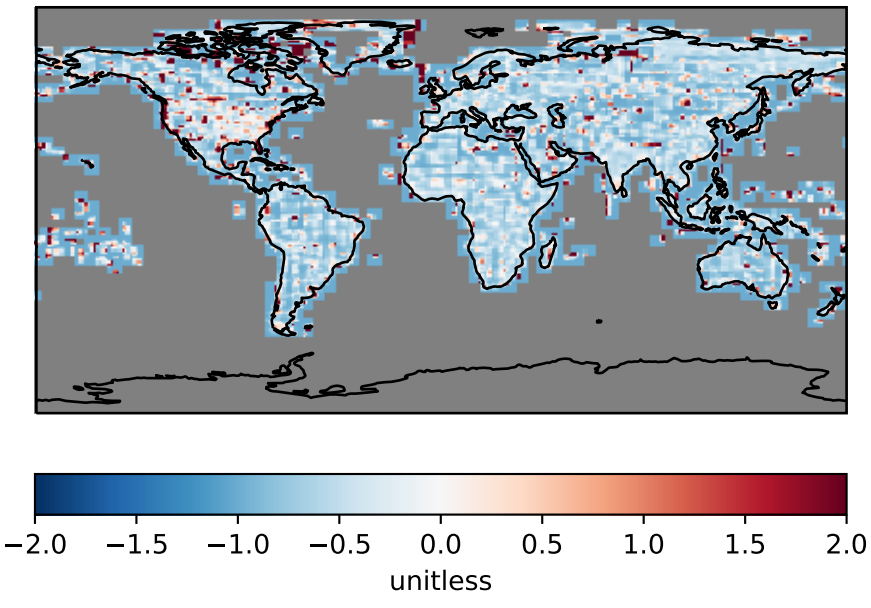
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

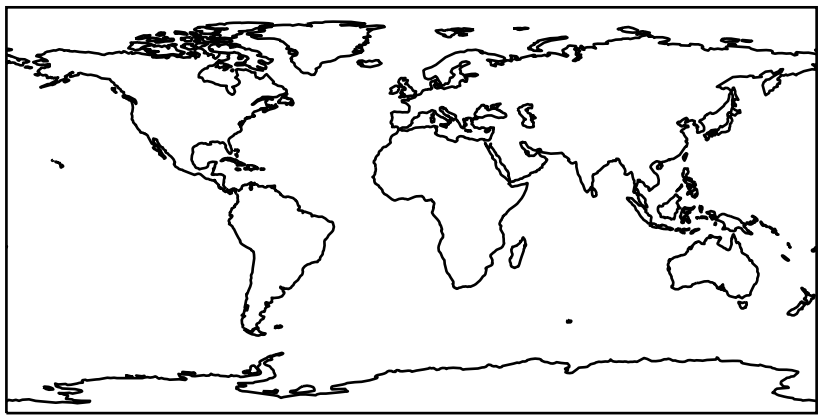


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



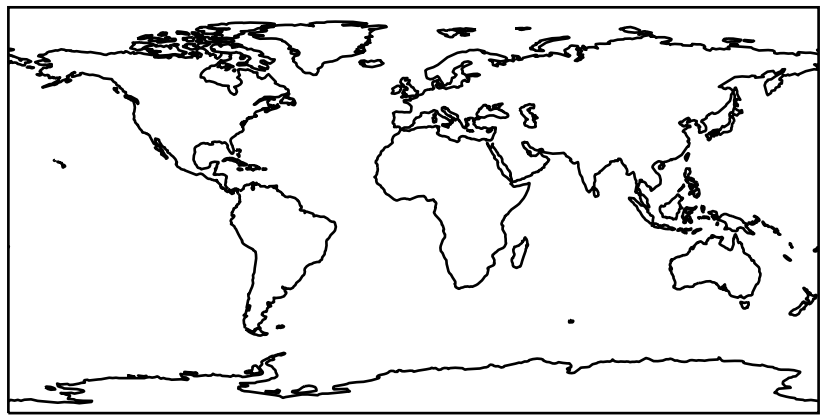
EmisGLYC_Anthro

GC_12.8.0 (Ref)
4.0x5.0



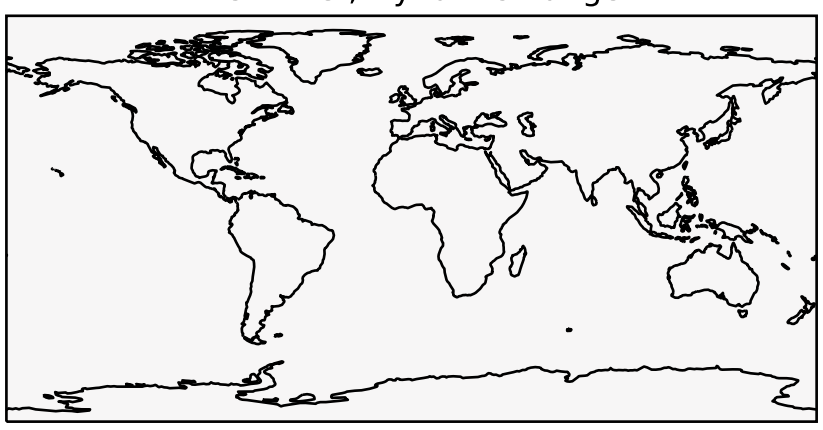
Zero throughout domain
kg/m2/s

GCHP_12.8.0 (Dev)
c48



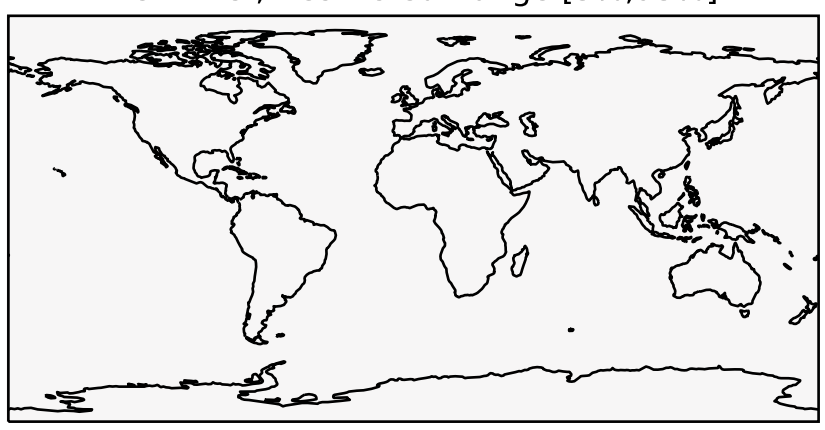
Zero throughout domain
kg/m2/s

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



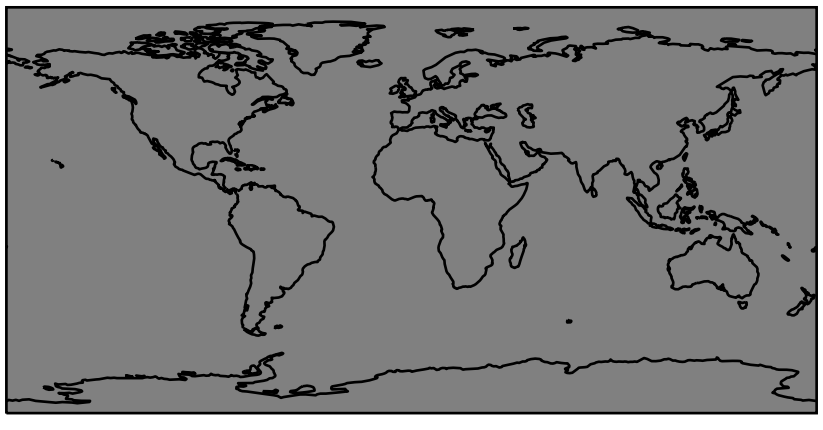
Zero throughout domain
kg/m2/s

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



Zero throughout domain
kg/m2/s

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



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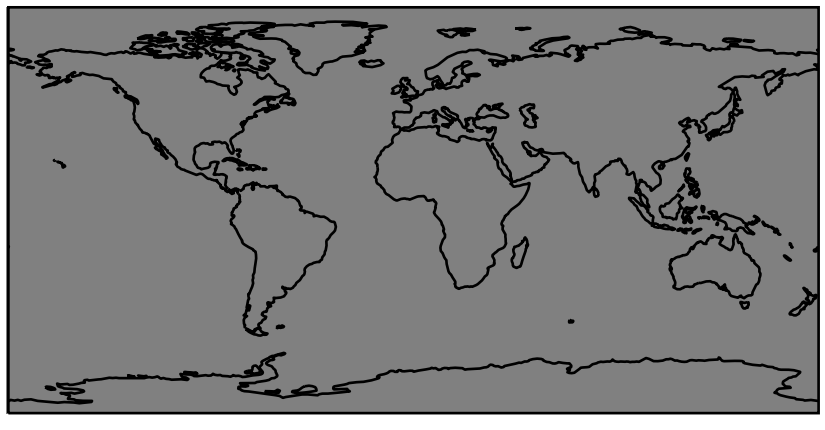
unitless

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



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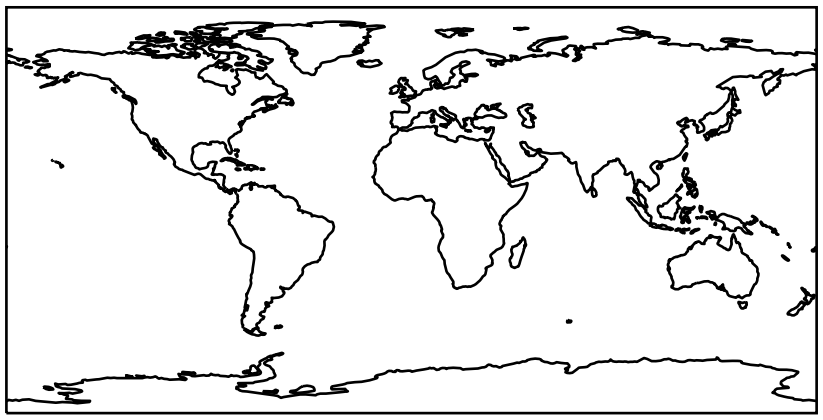
unitless

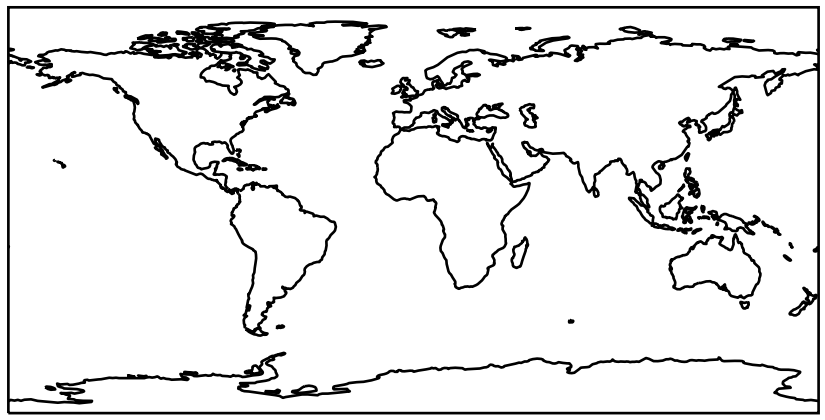
EmisGLYX_Anthro

GC_12.8.0 (Ref)
4.0x5.0



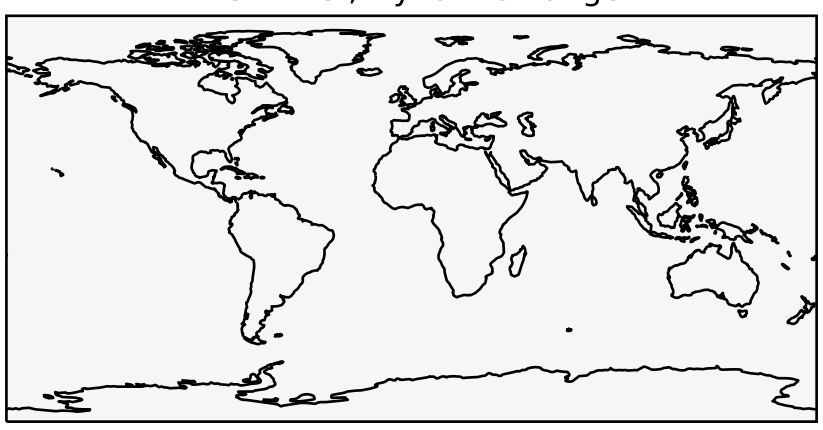
Zero throughout domain
kg/m2/s

GCHP_12.8.0 (Dev)
c48



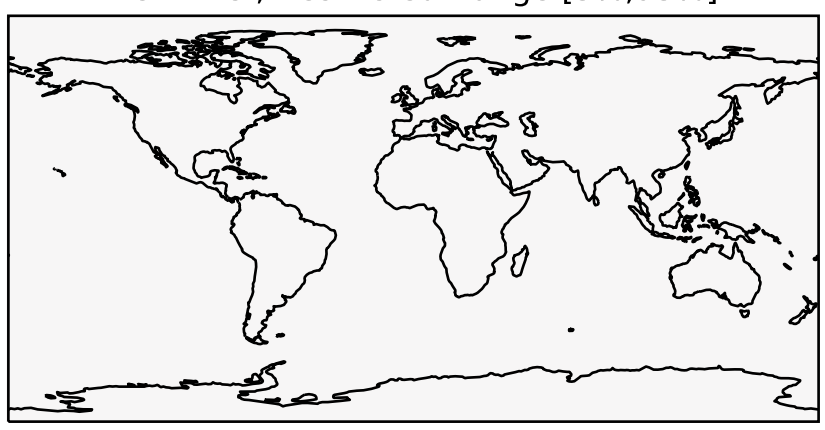
Zero throughout domain
kg/m2/s

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



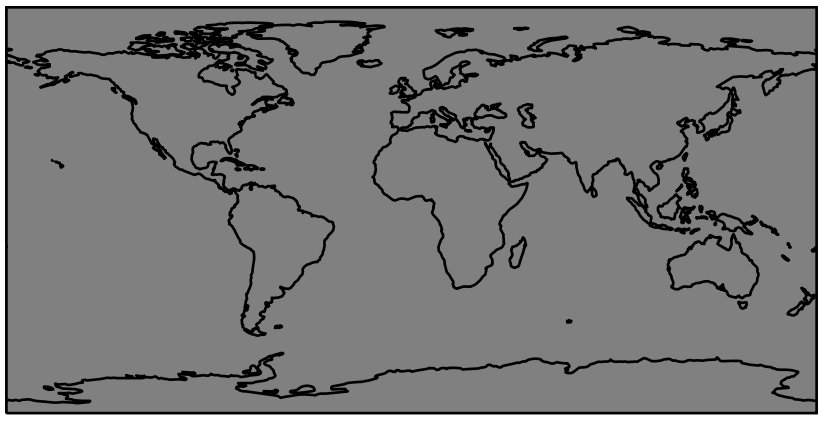
Zero throughout domain
kg/m2/s

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



Zero throughout domain
kg/m2/s

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



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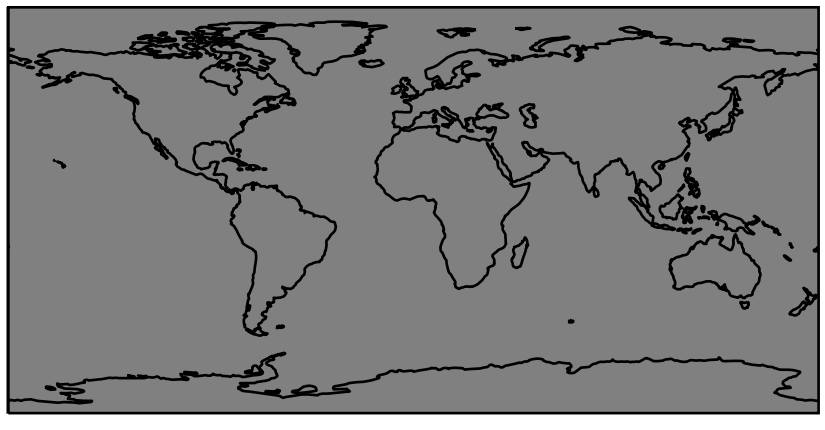
unitless

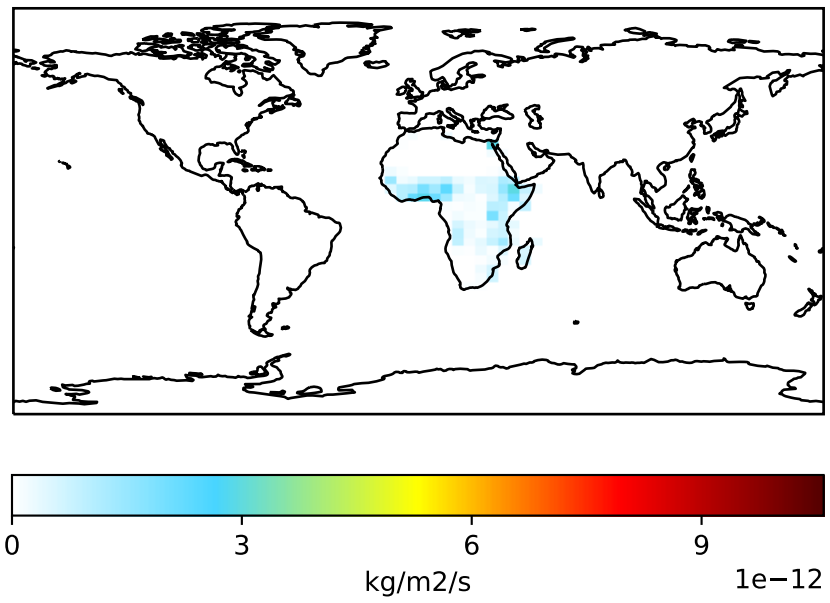
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



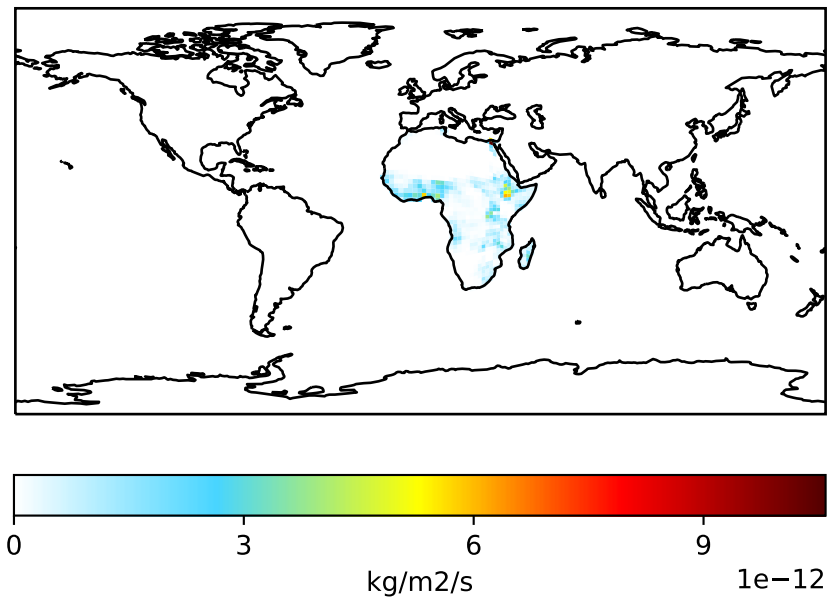
Undefined throughout domain
unitless

EmisHAC_Anthro

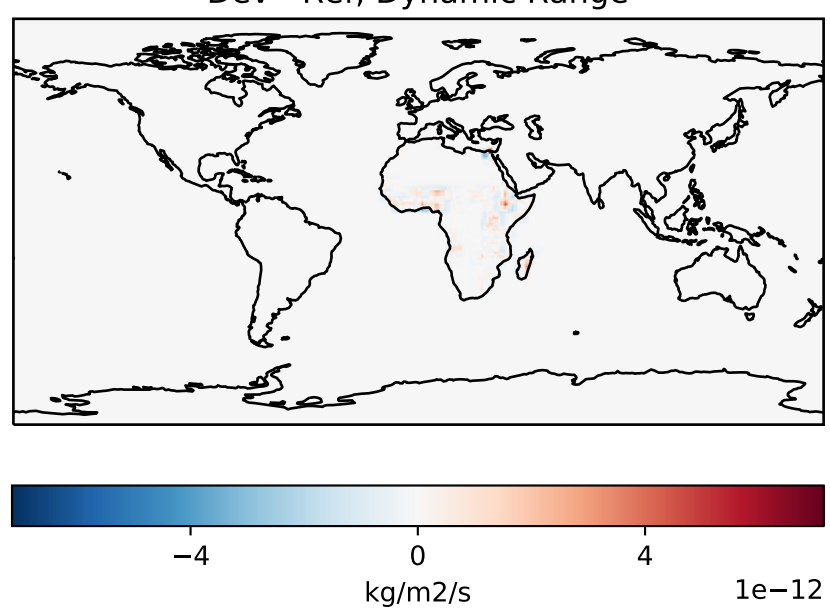
GC_12.8.0 (Ref)
4.0x5.0



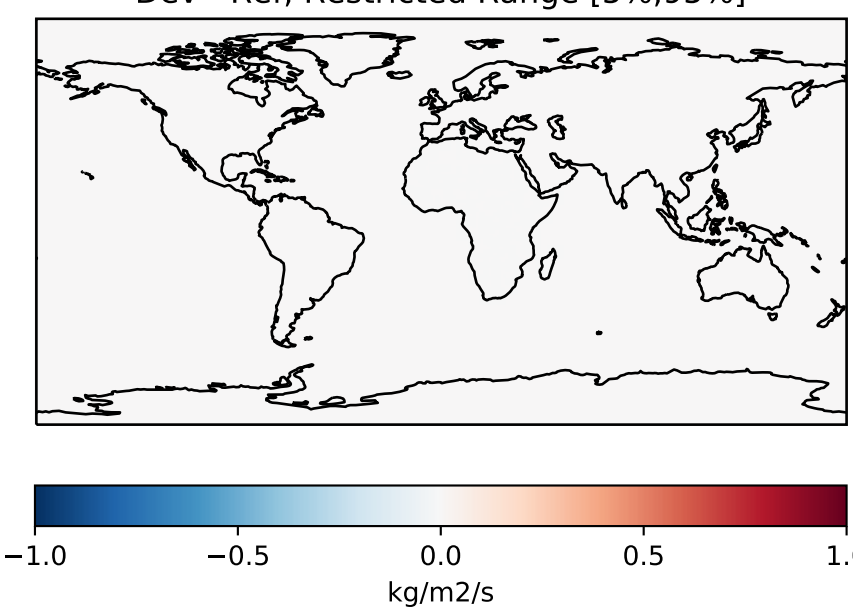
GCHP_12.8.0 (Dev)
c48



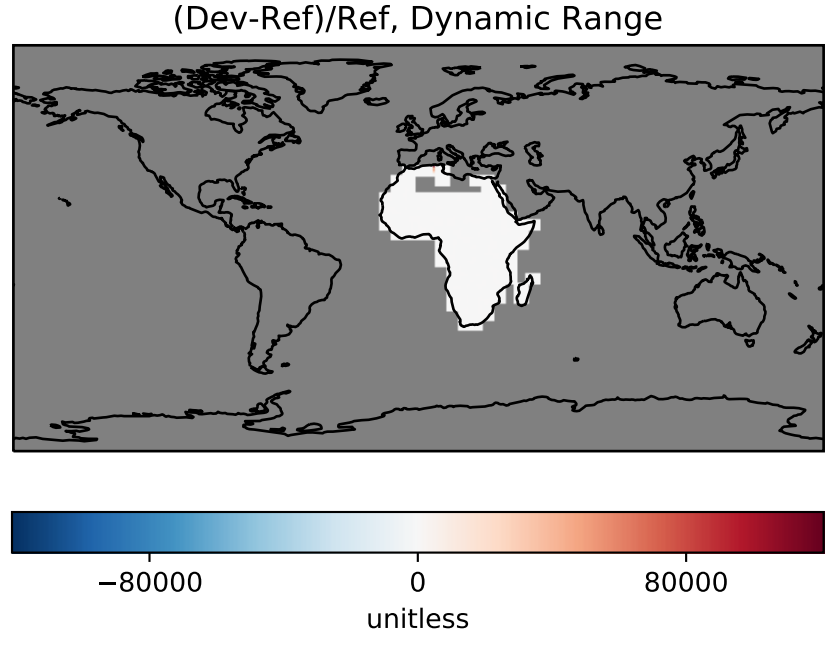
Difference (1x1.25)
Dev - Ref, Dynamic Range



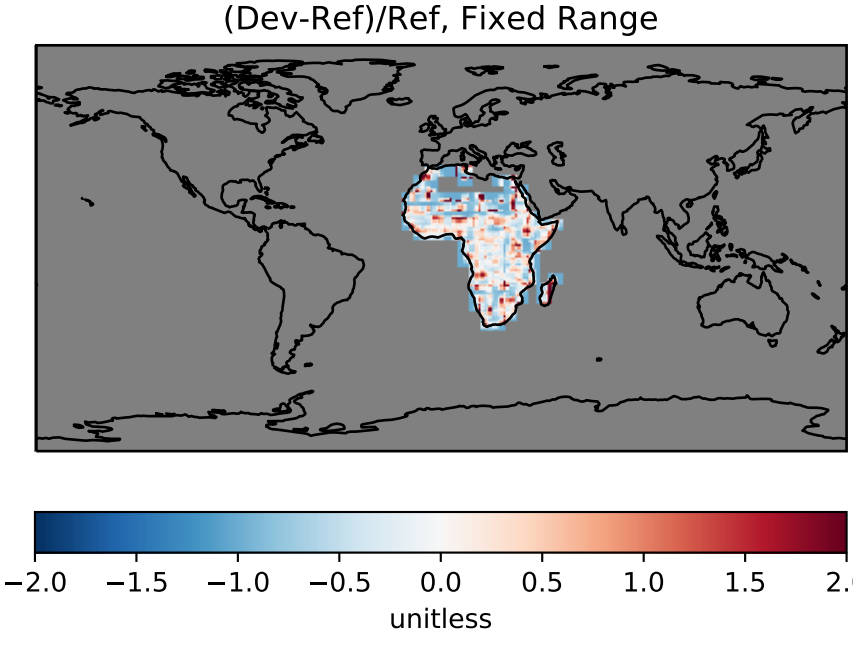
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

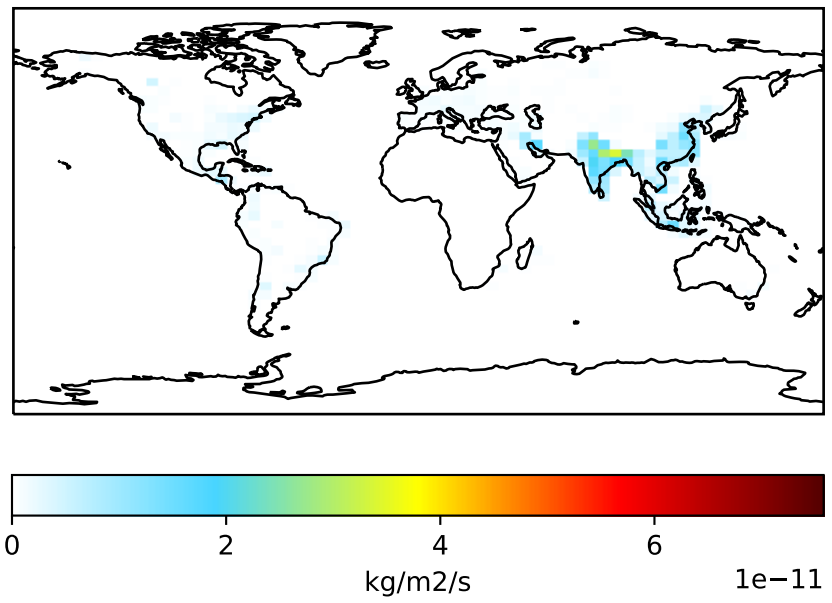


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

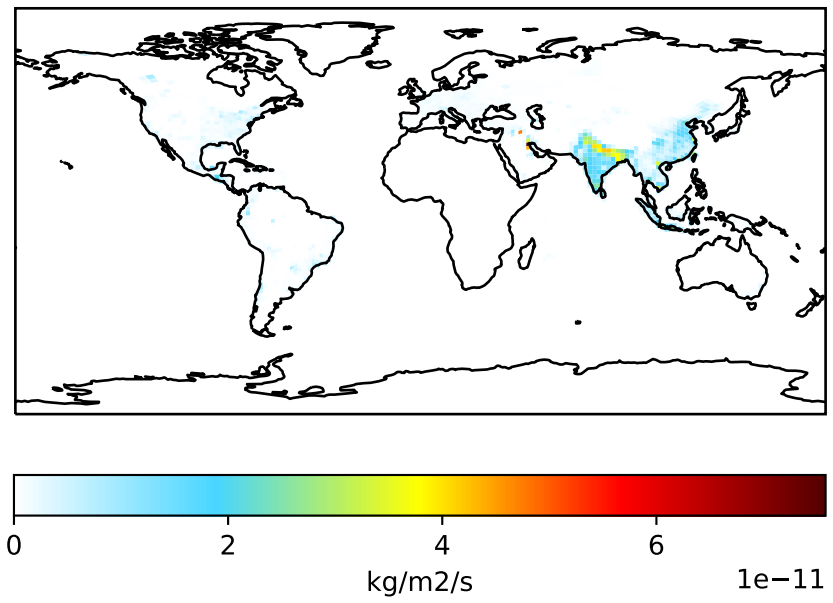


EmisHCOOH_Anthro

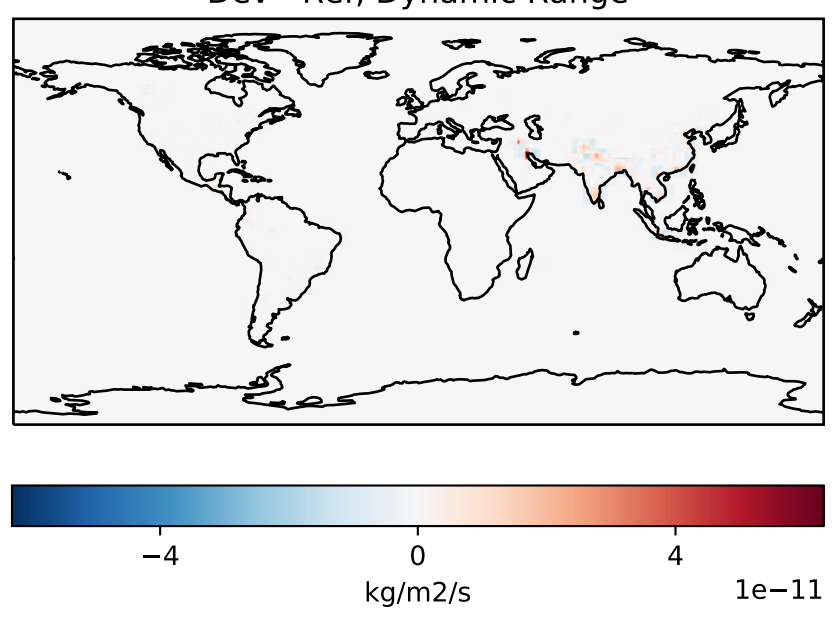
GC_12.8.0 (Ref)
4.0x5.0



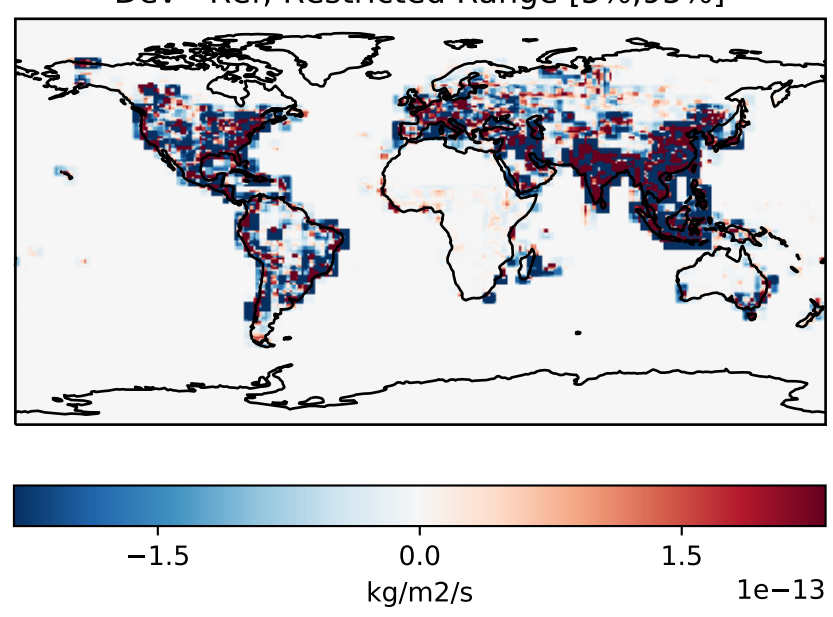
GCHP_12.8.0 (Dev)
c48



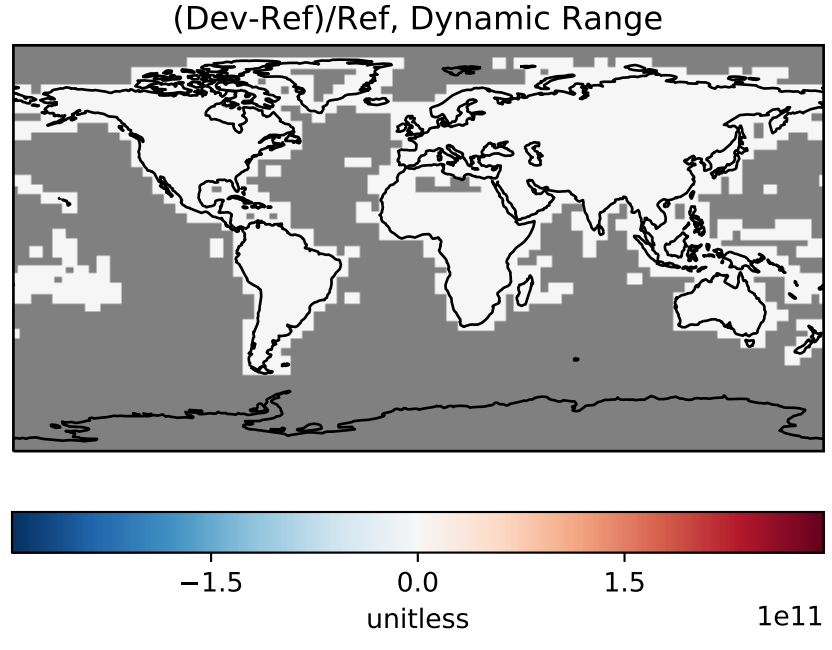
Difference (1x1.25)
Dev - Ref, Dynamic Range



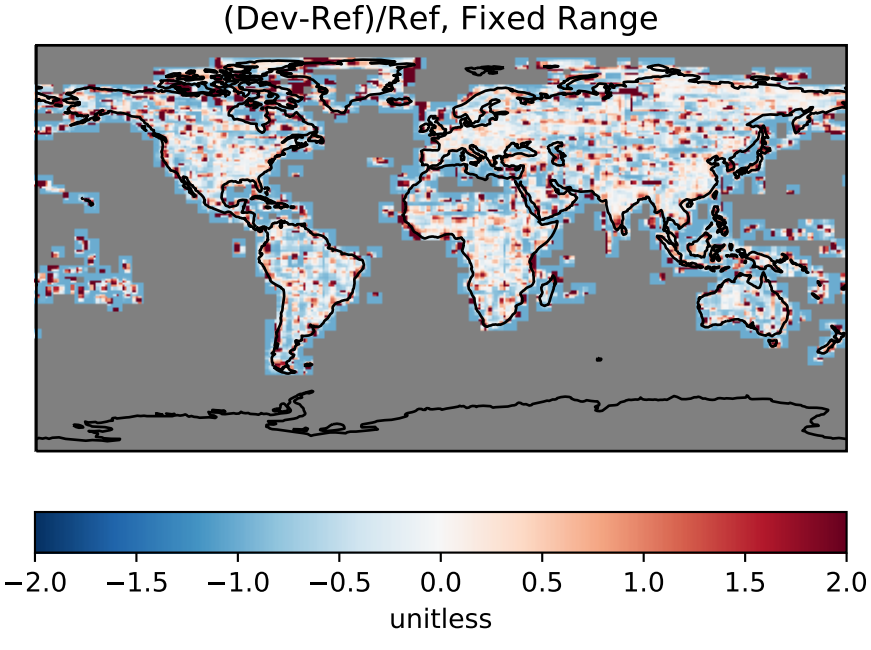
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

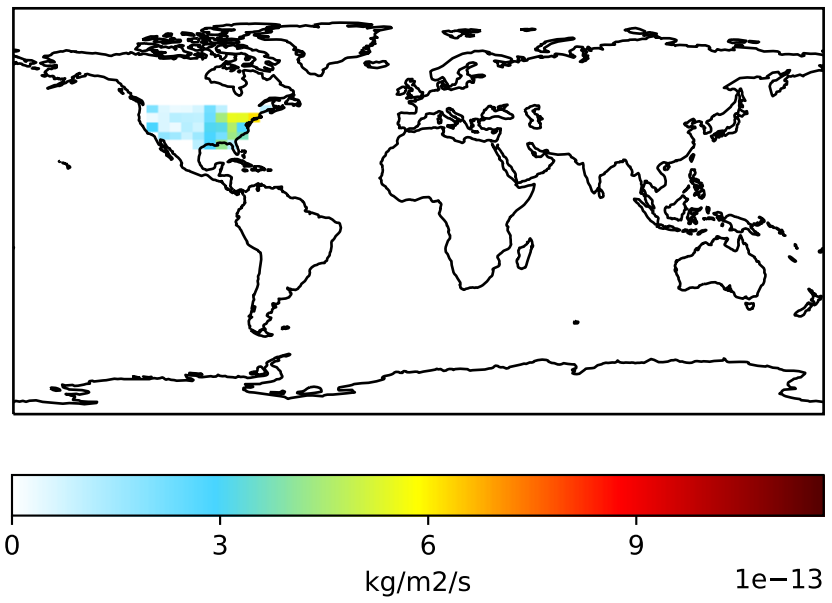


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

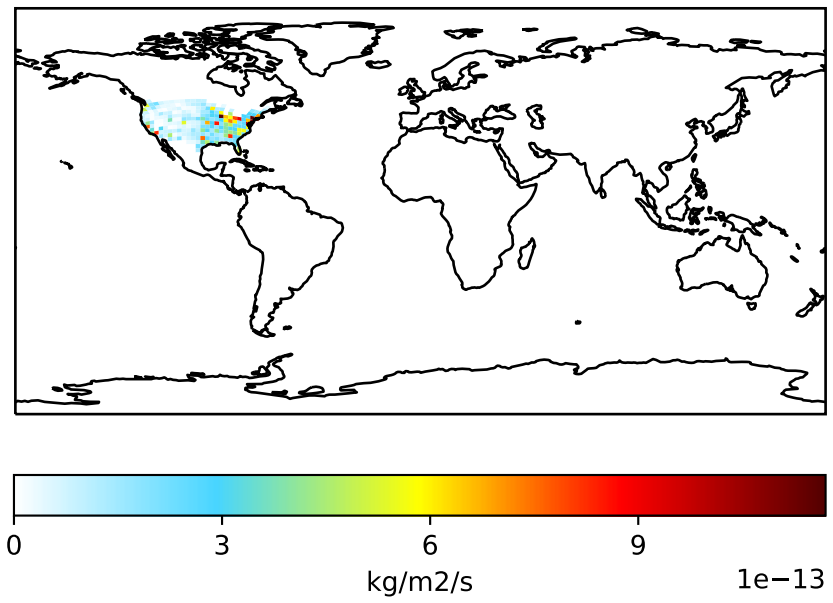


EmisHNO2_Anthro

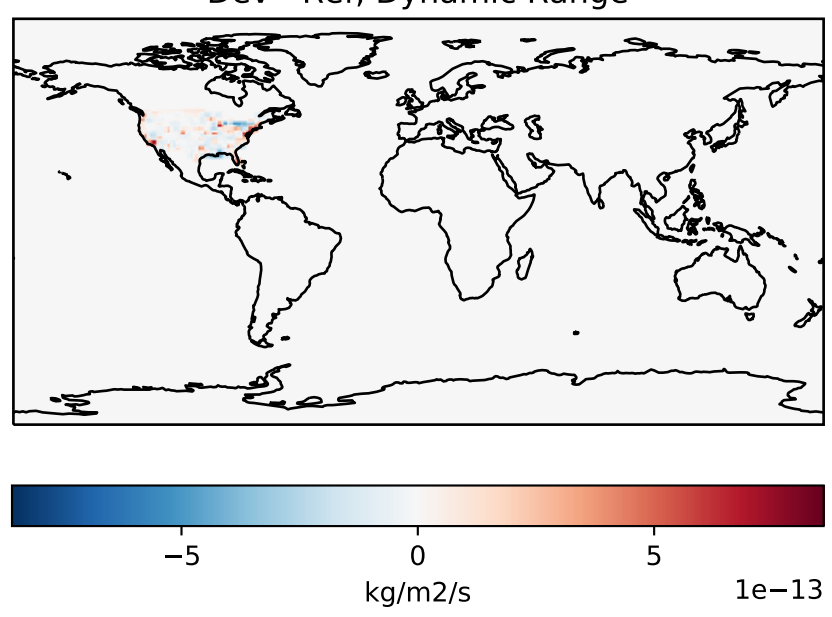
GC_12.8.0 (Ref)
4.0x5.0



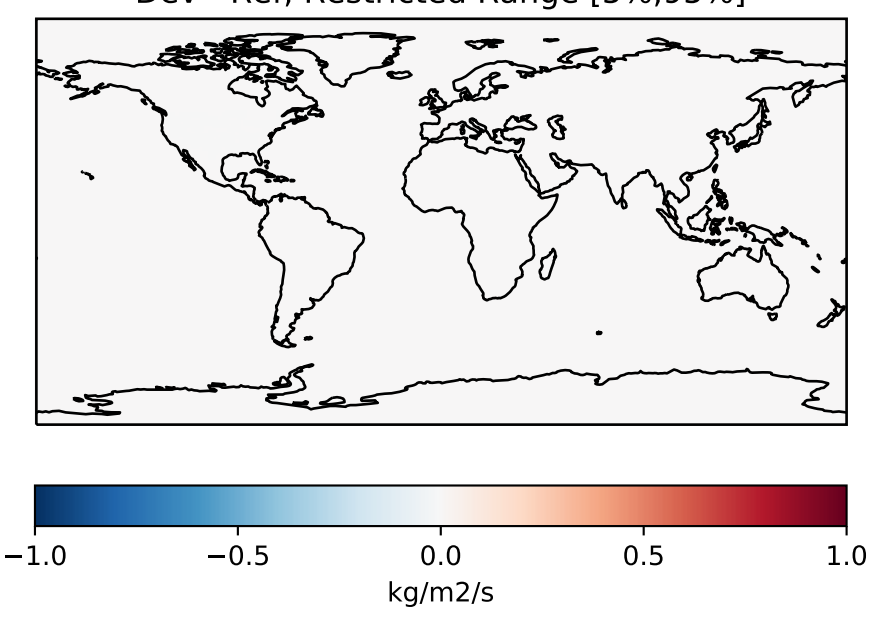
GCHP_12.8.0 (Dev)
c48



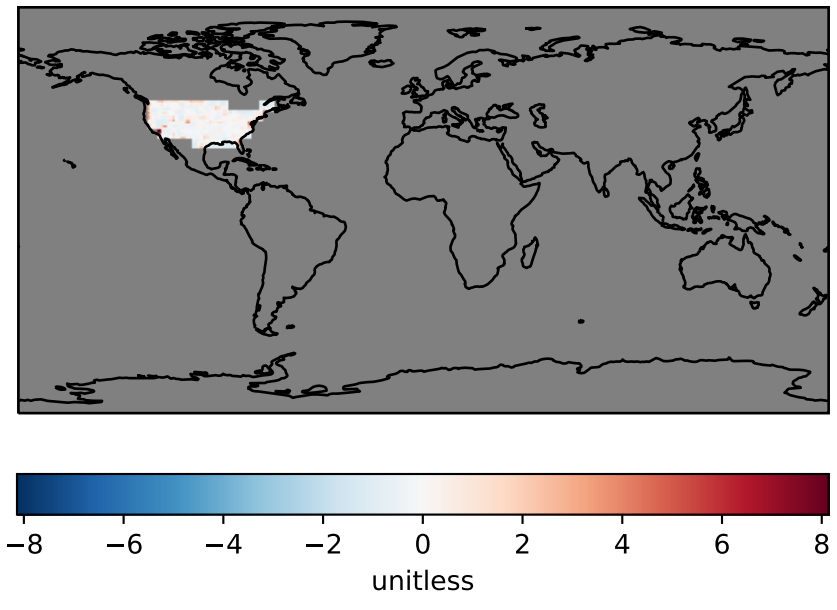
Difference (1x1.25)
Dev - Ref, Dynamic Range



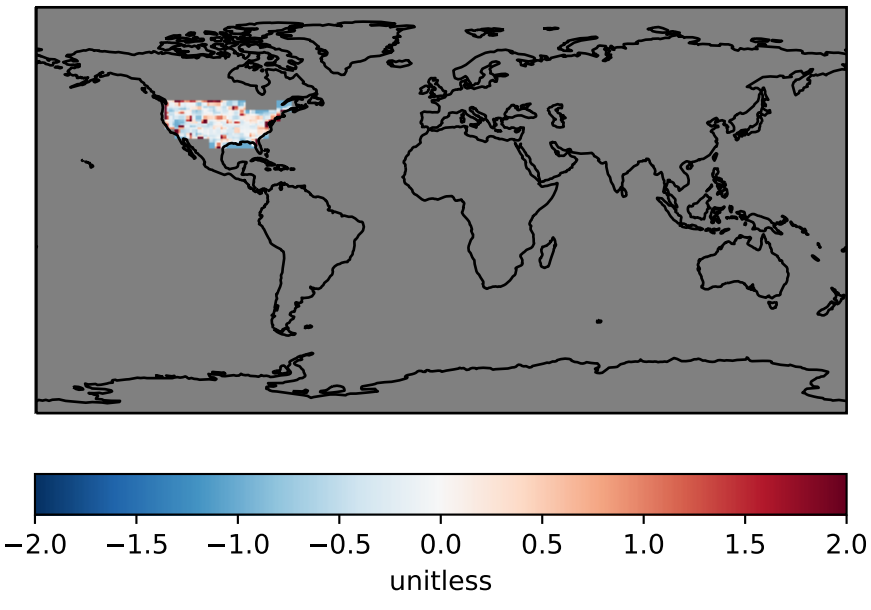
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

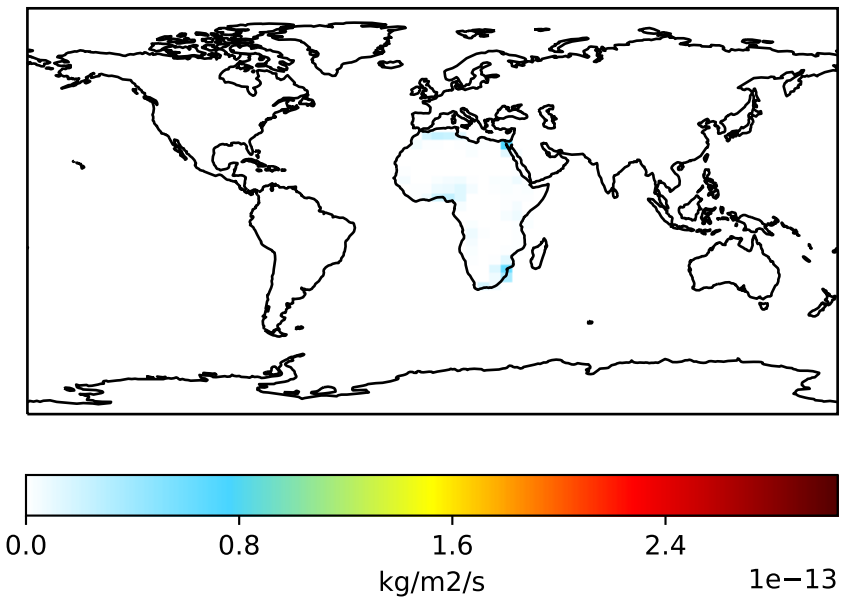


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

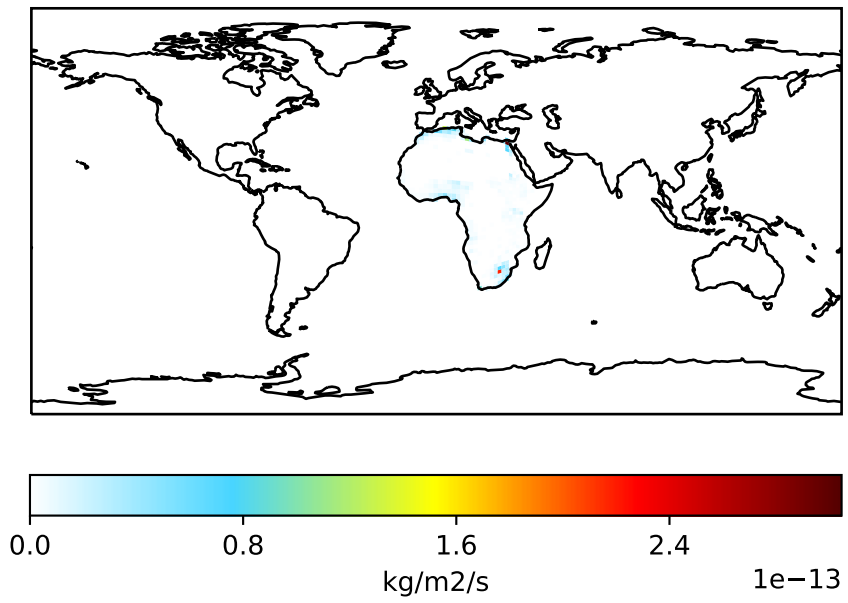


EmisISOP_Anthro

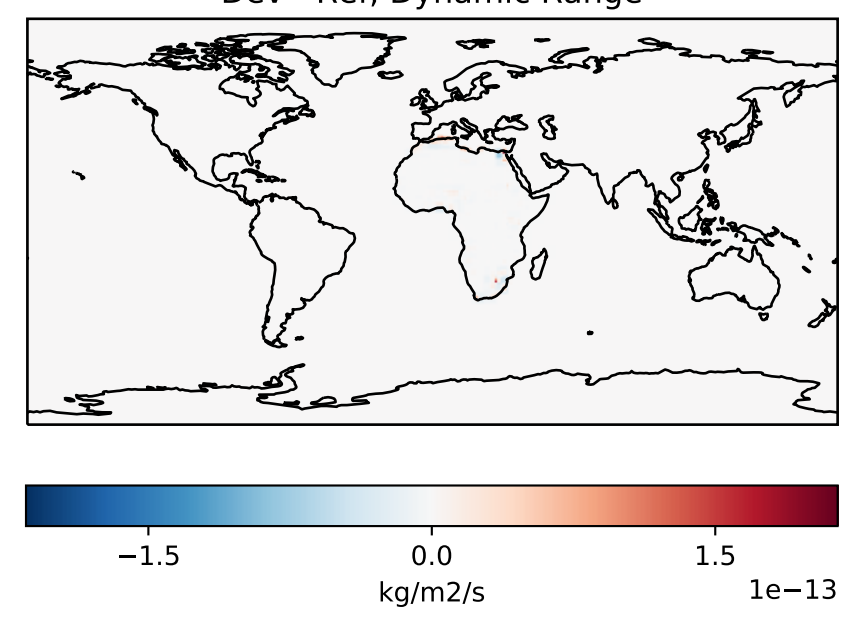
GC_12.8.0 (Ref)
4.0x5.0



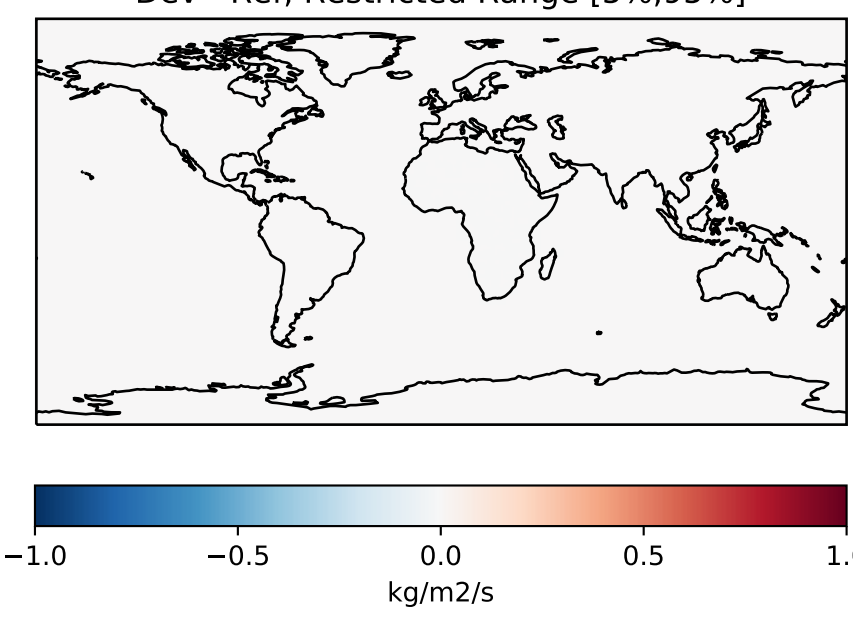
GCHP_12.8.0 (Dev)
c48



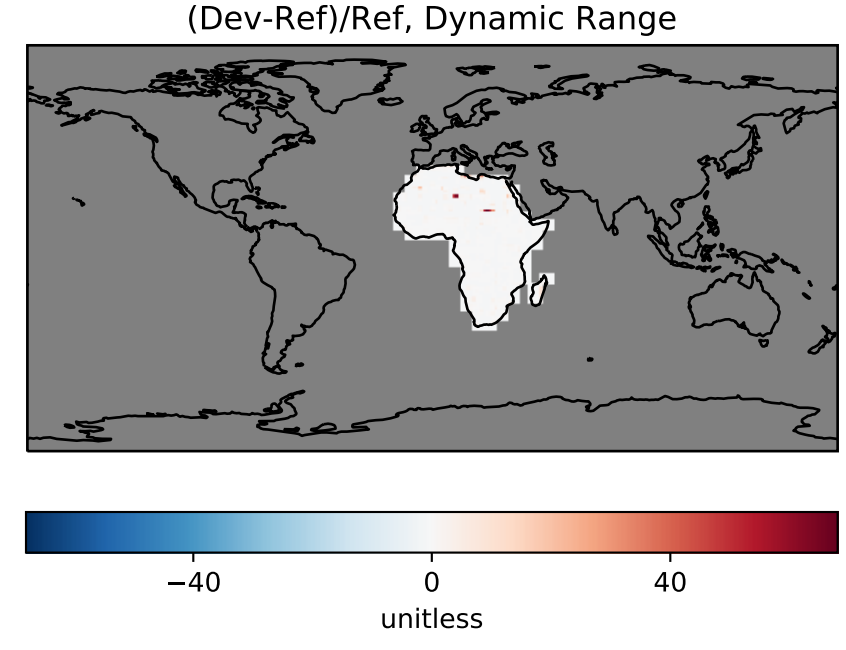
Difference (1x1.25)
Dev - Ref, Dynamic Range



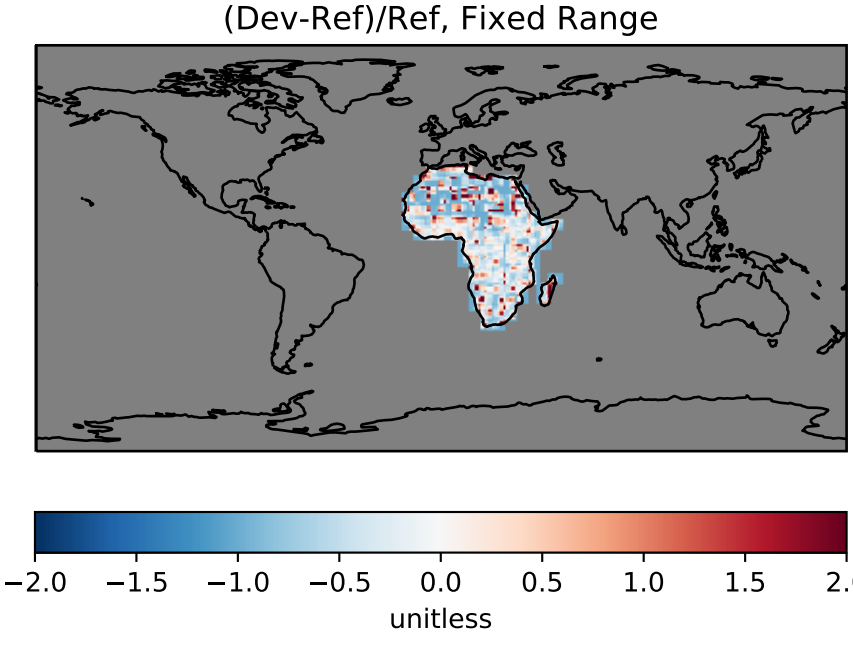
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

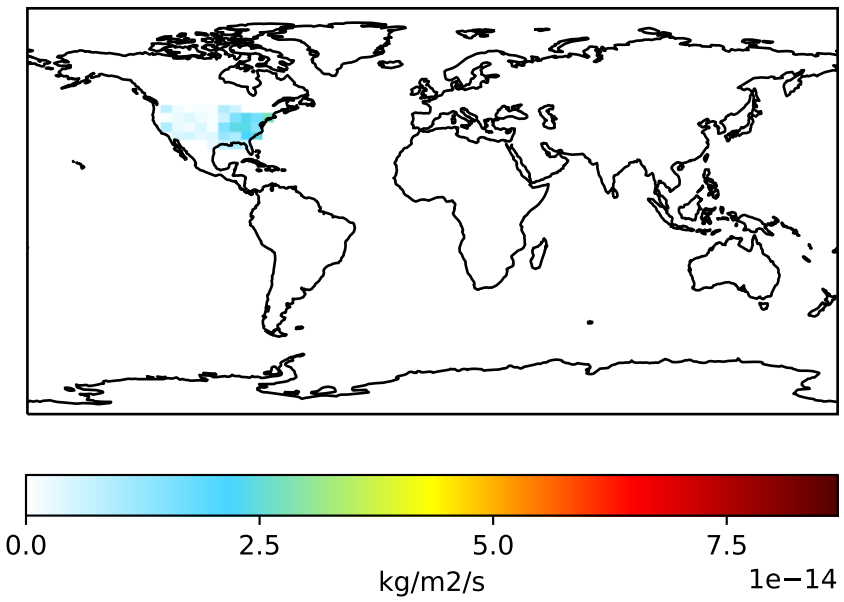


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

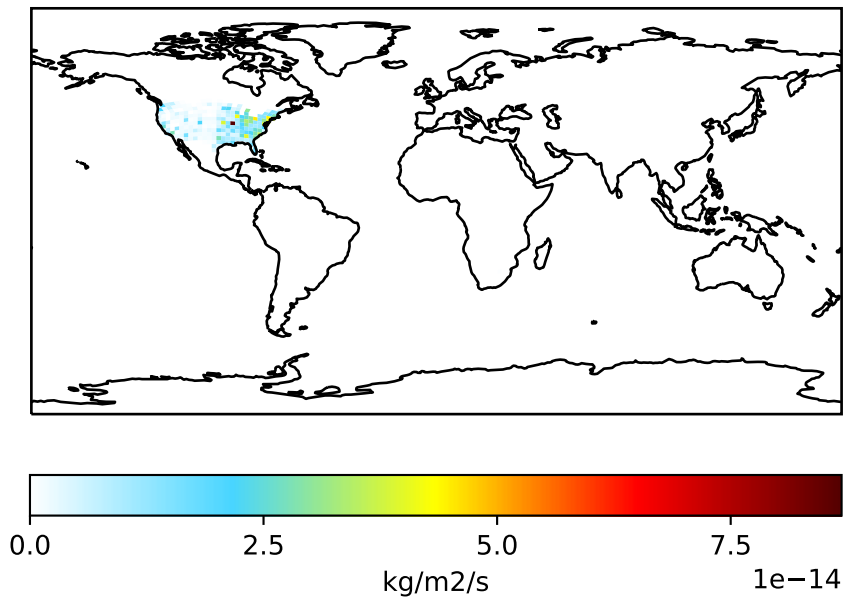


EmisMACR_Anthro

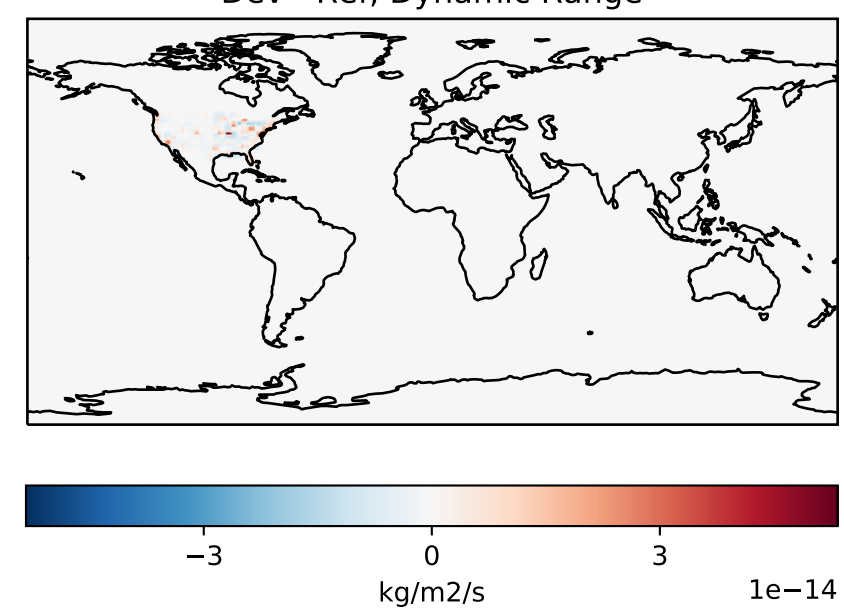
GC_12.8.0 (Ref)
4.0x5.0



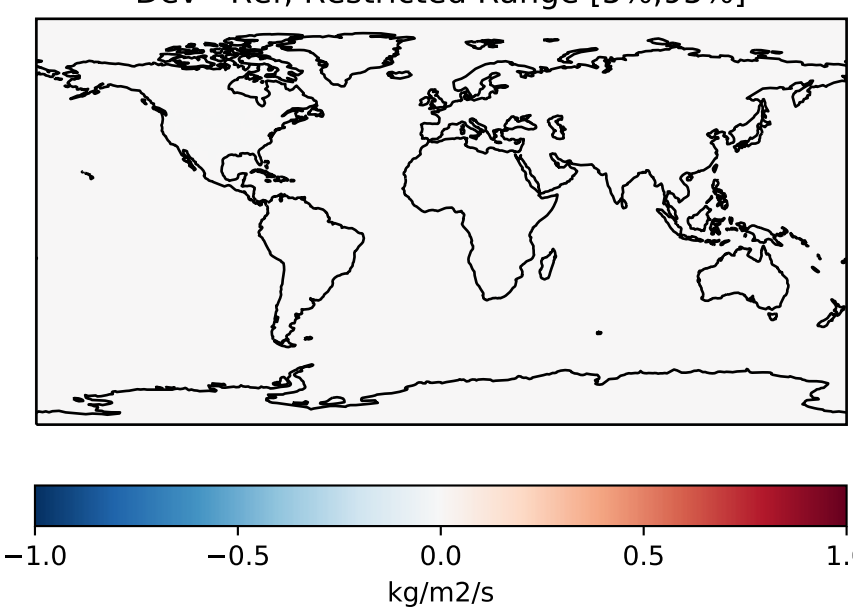
GCHP_12.8.0 (Dev)
c48



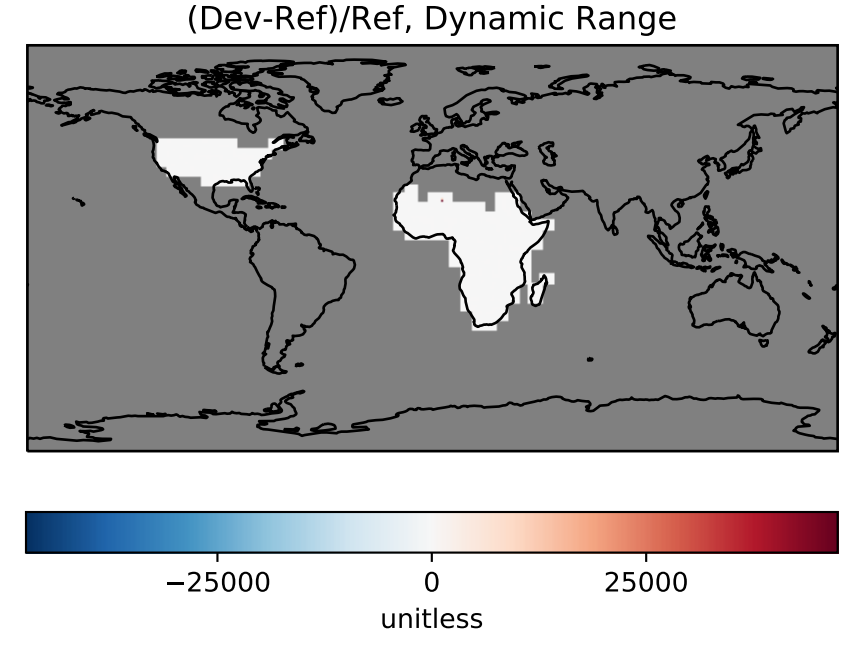
Difference (1x1.25)
Dev - Ref, Dynamic Range



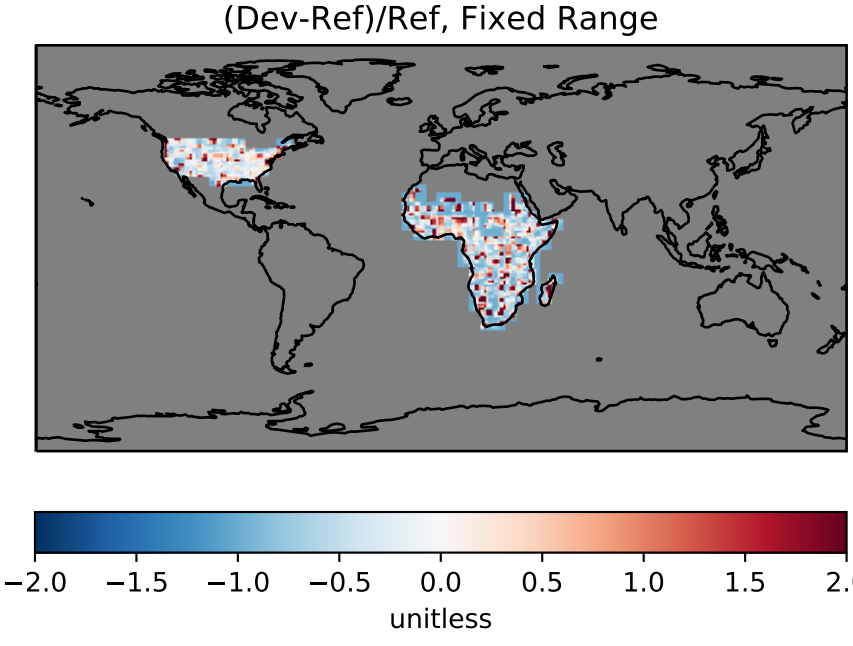
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

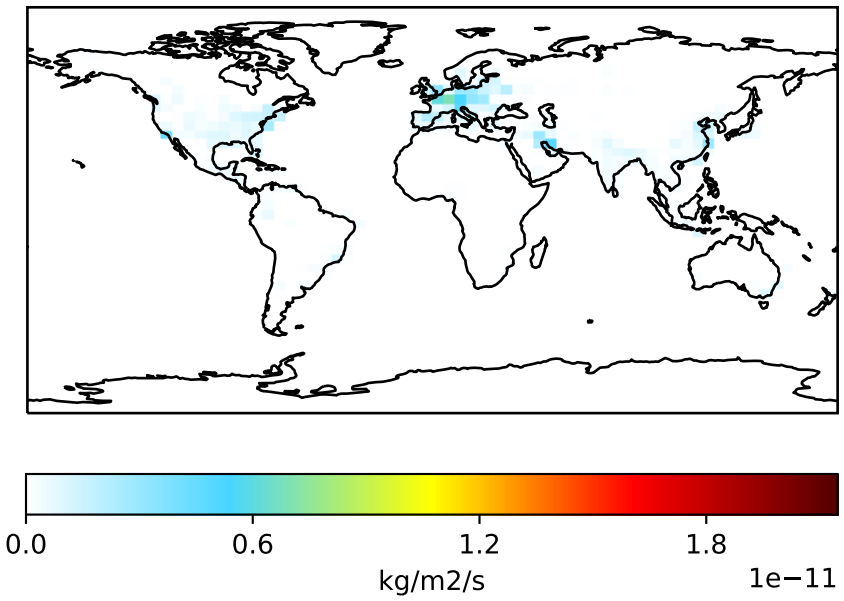


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

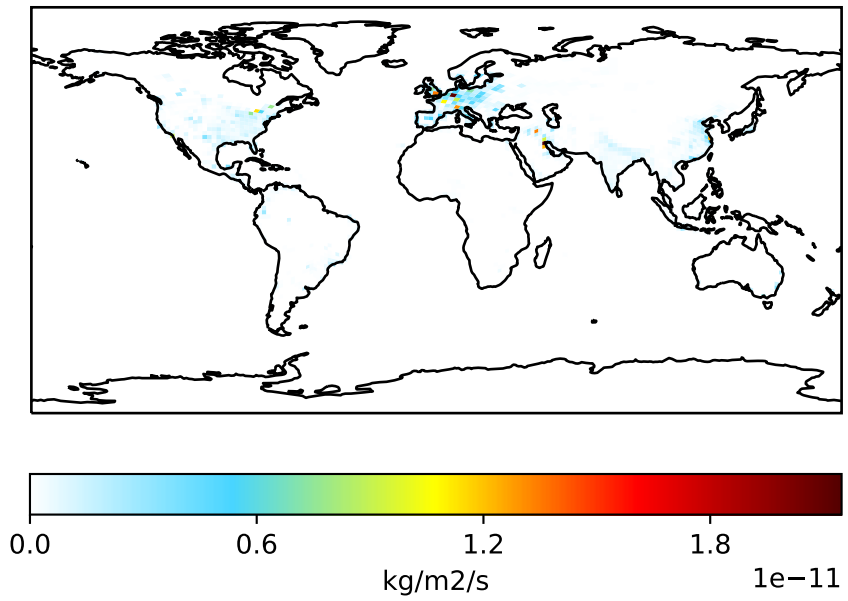


EmisMEK_Anthro

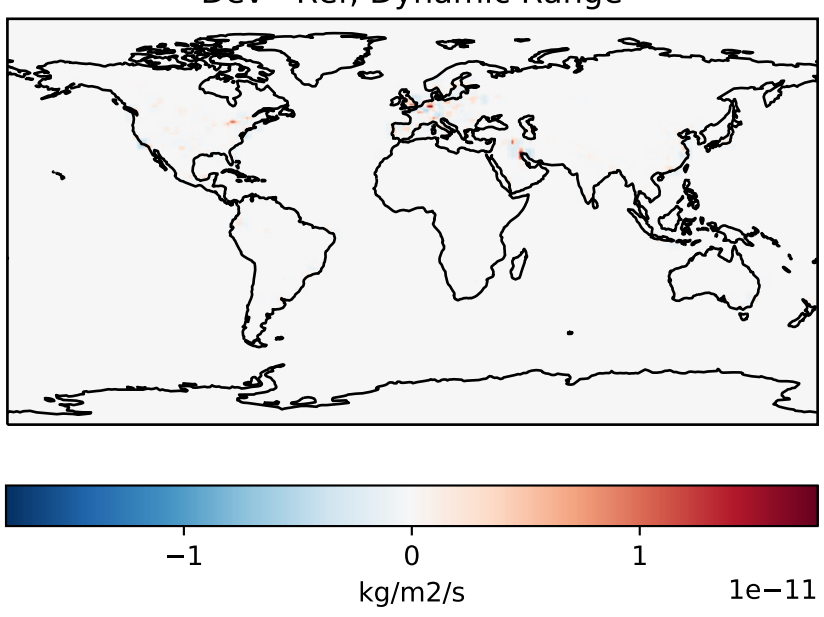
GC_12.8.0 (Ref)
4.0x5.0



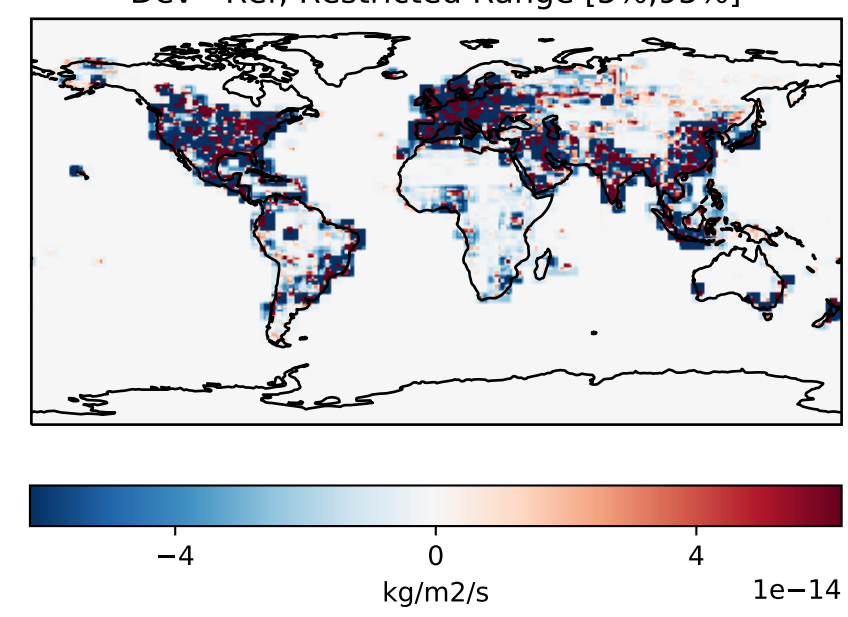
GCHP_12.8.0 (Dev)
c48



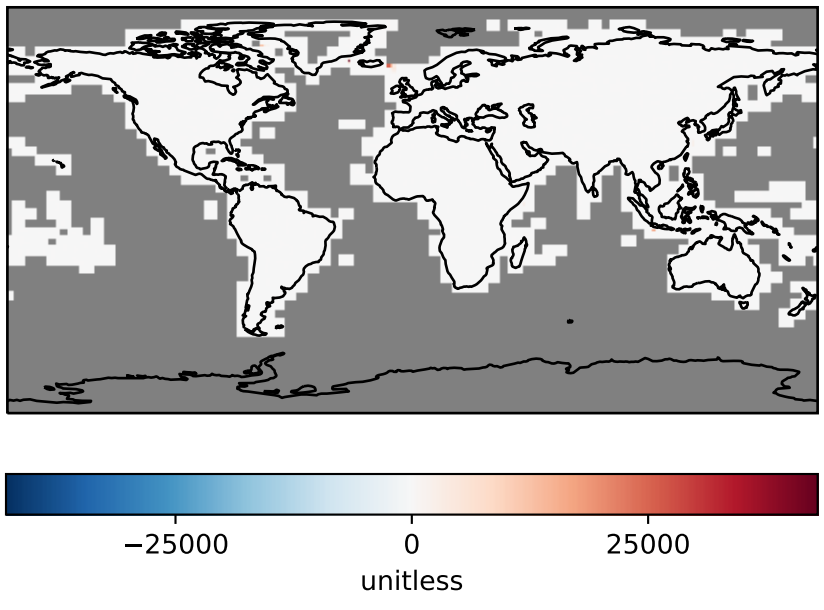
Difference (1x1.25)
Dev - Ref, Dynamic Range



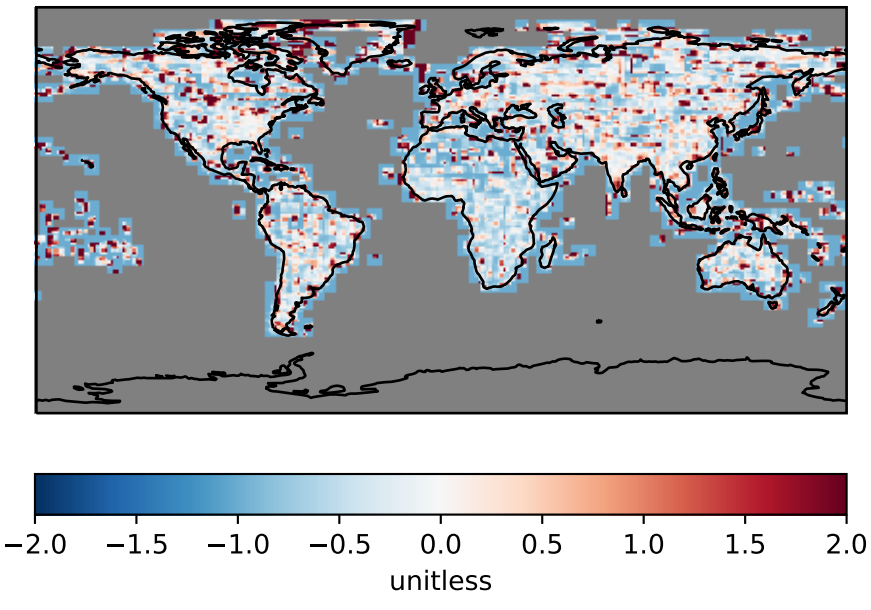
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

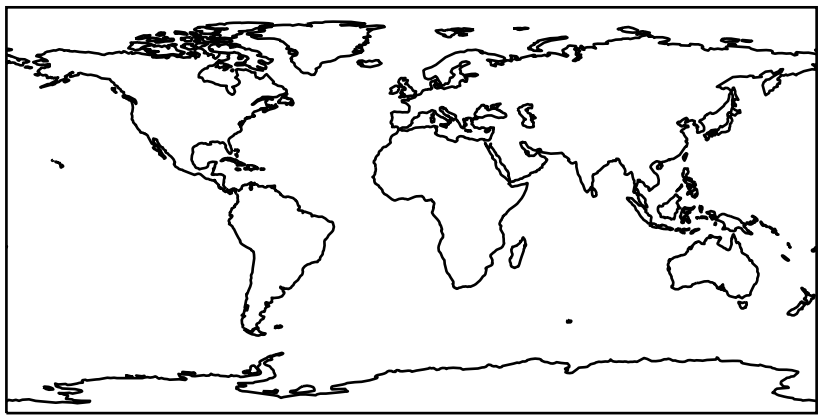


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



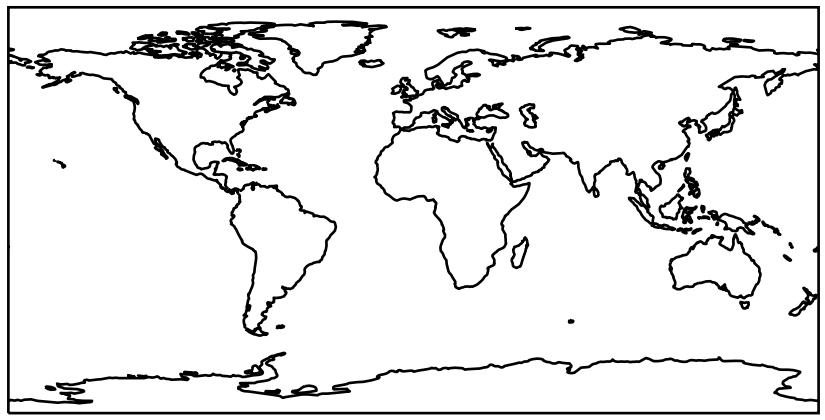
EmisMGLY_Anthro

GC_12.8.0 (Ref)
4.0x5.0



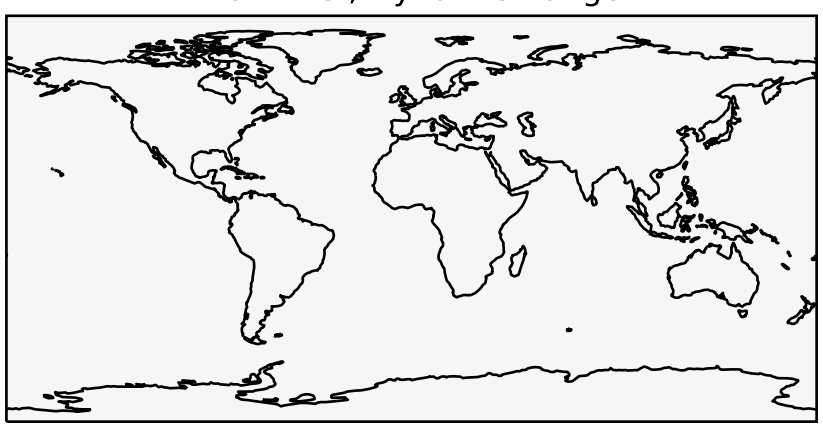
Zero throughout domain
kg/m2/s

GCHP_12.8.0 (Dev)
c48



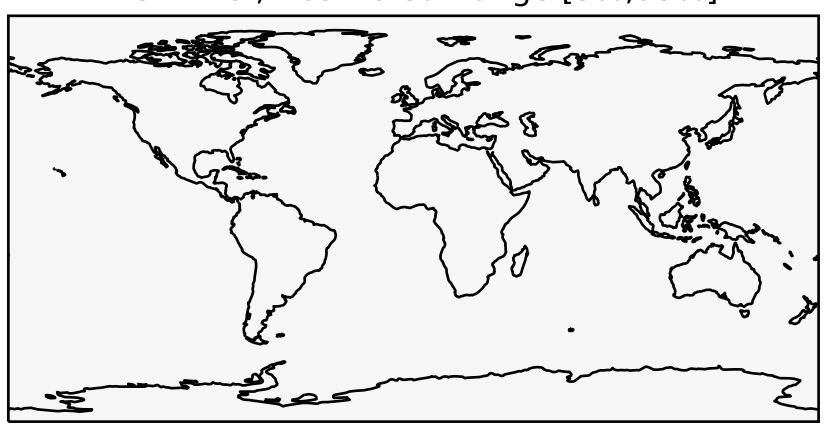
Zero throughout domain
kg/m2/s

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



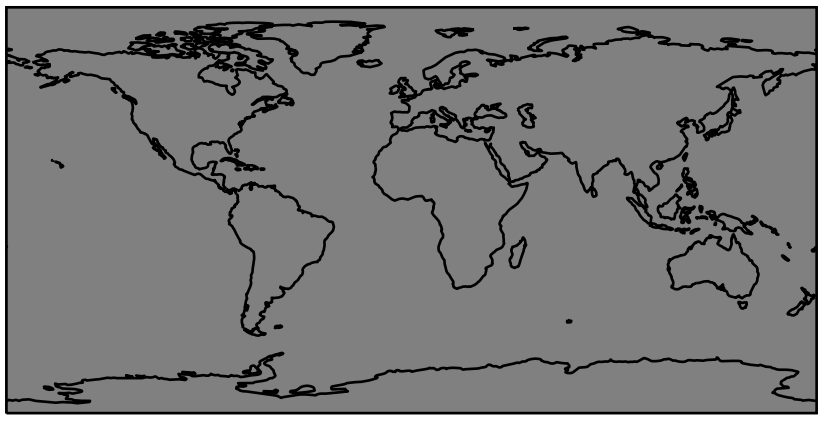
Zero throughout domain
kg/m2/s

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



Zero throughout domain
kg/m2/s

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



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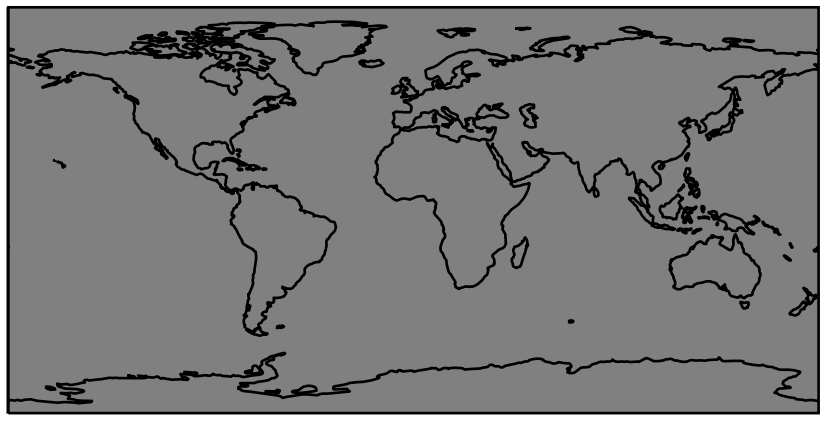
unitless

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



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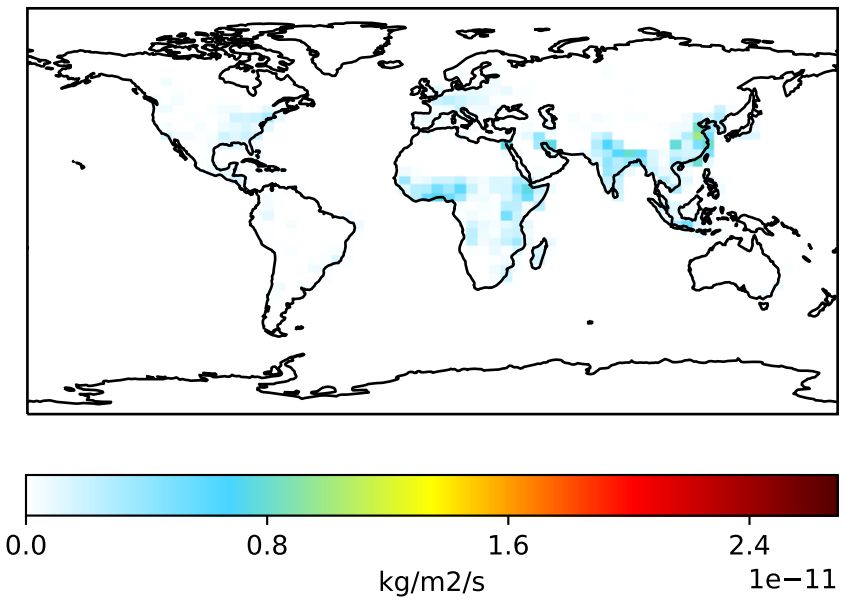
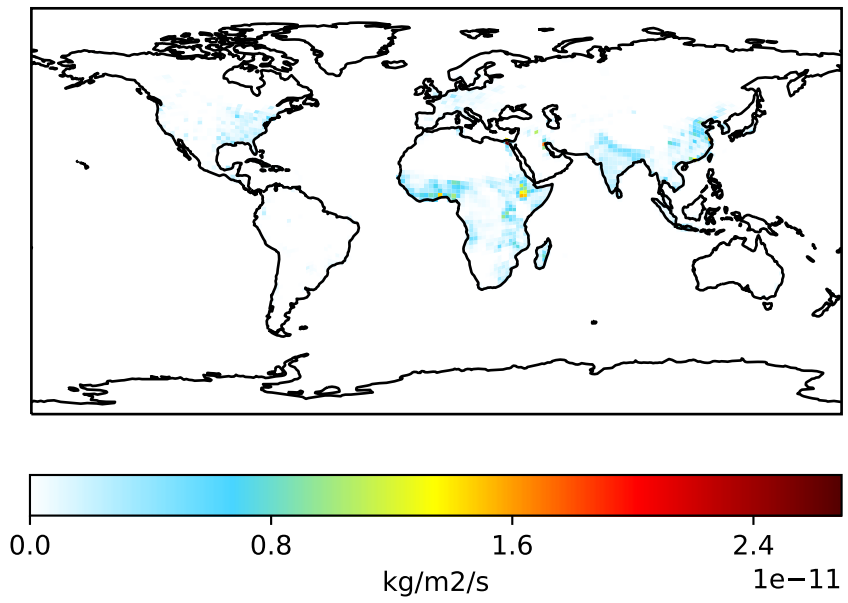
EmisMOH_Anthro

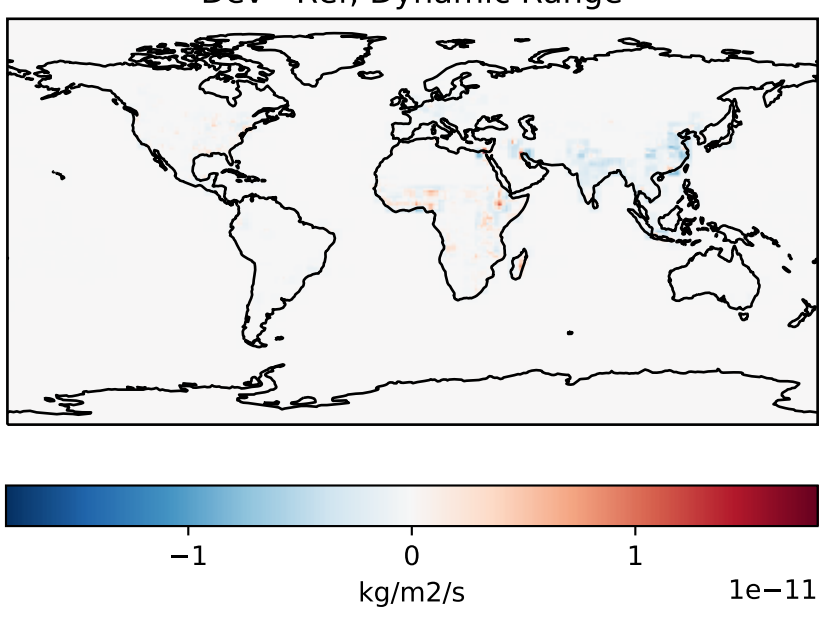
GC_12.8.0 (Ref)
4.0x5.0



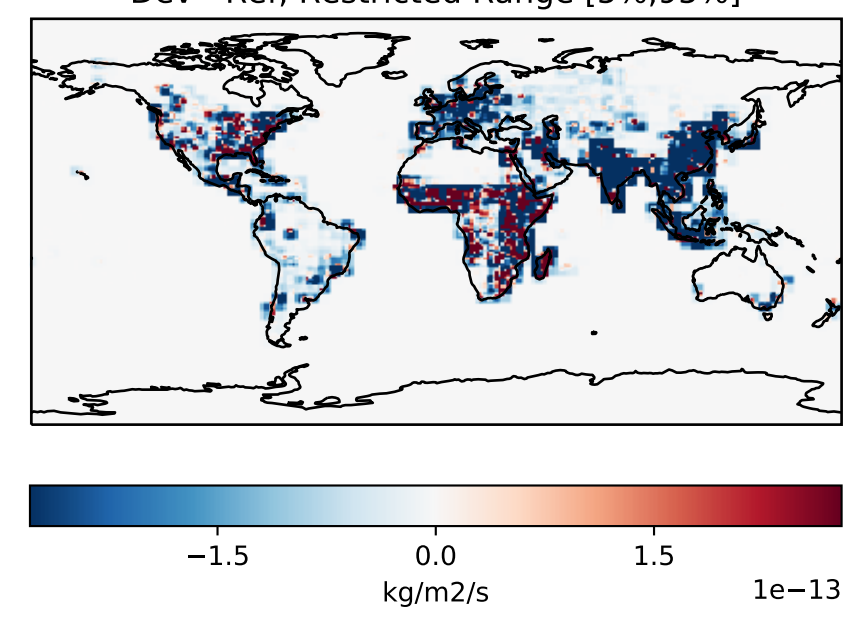
GCHP_12.8.0 (Dev)
c48



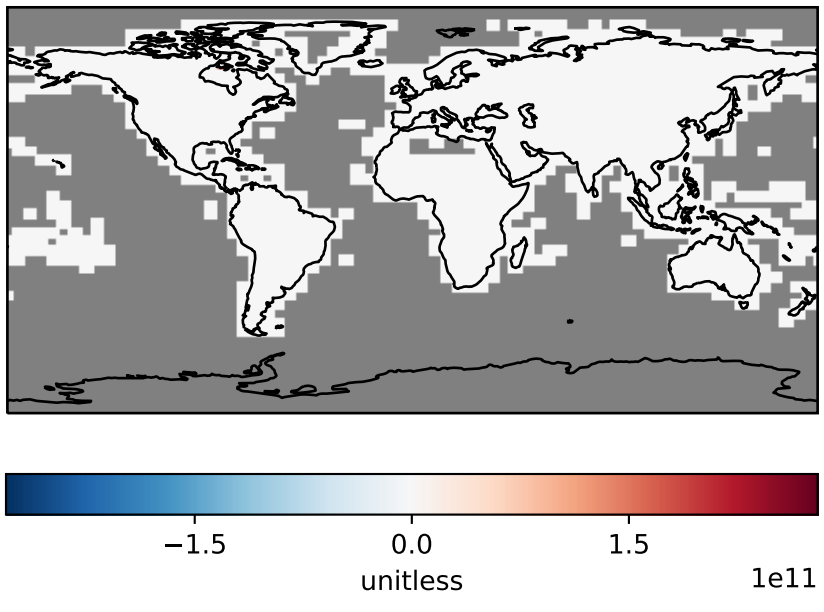
Difference (1x1.25)
Dev - Ref, Dynamic Range



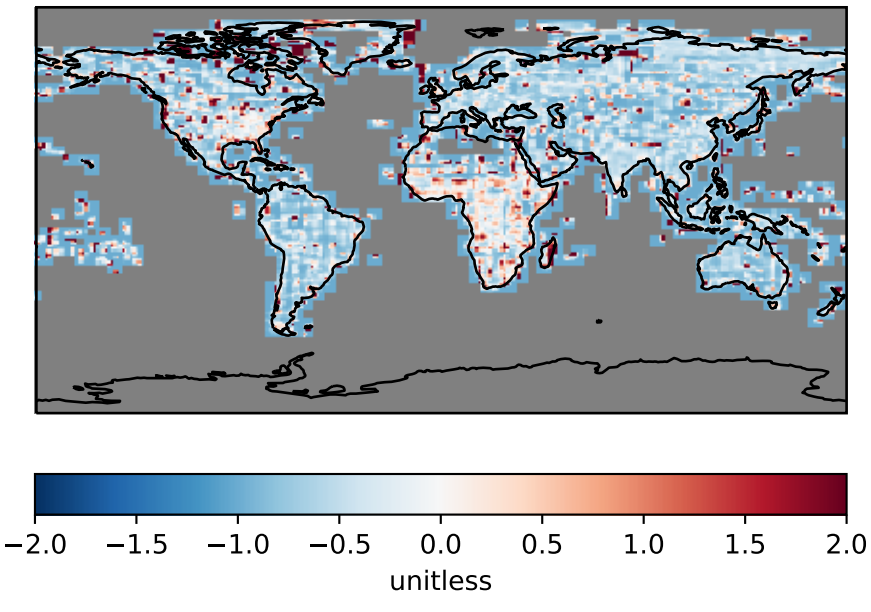
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

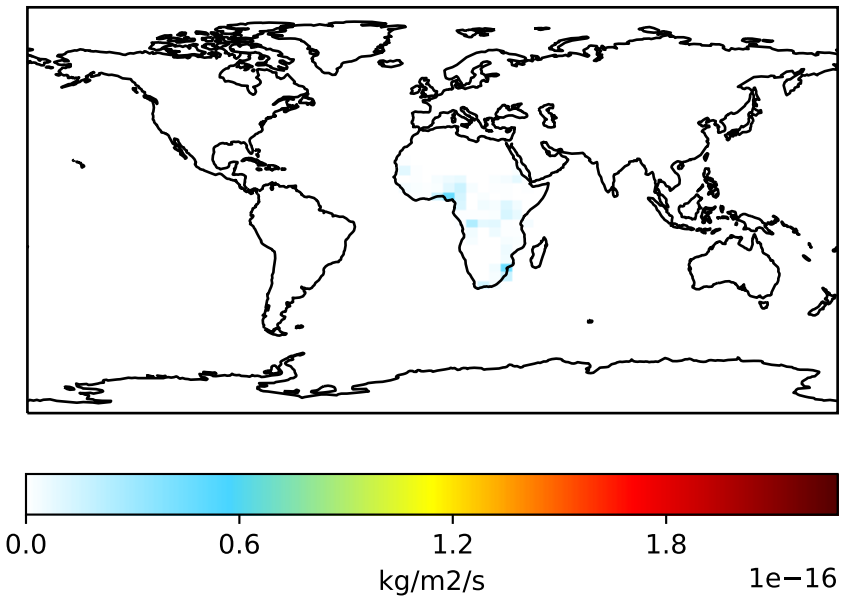


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

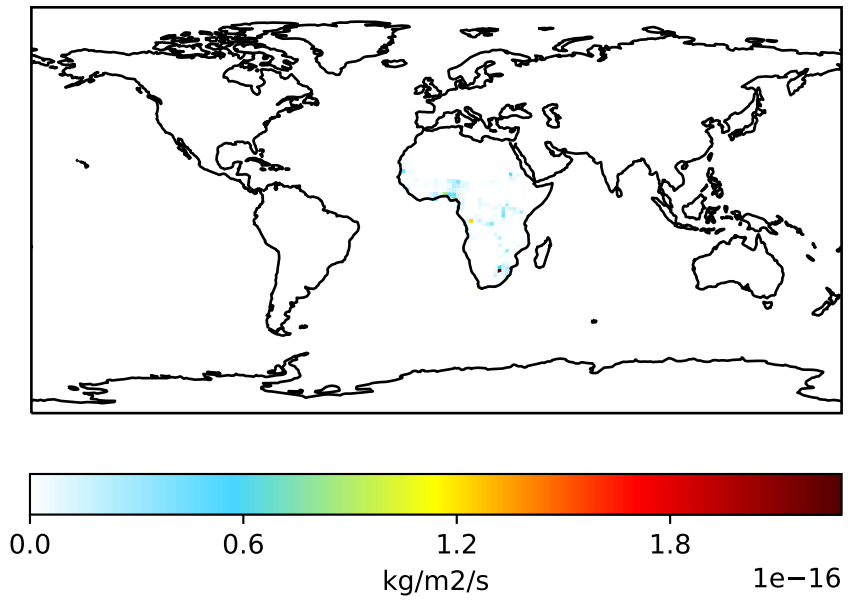


EmisMVK_Anthro

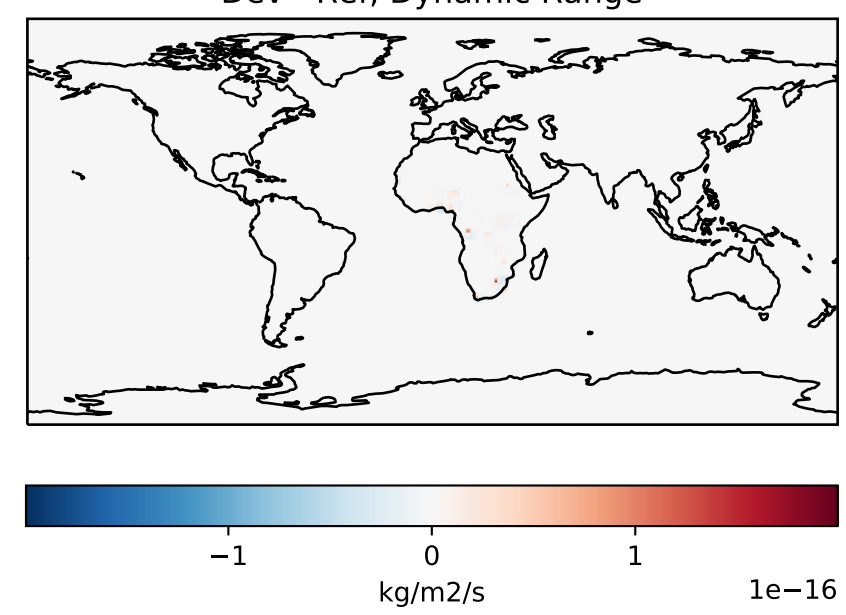
GC_12.8.0 (Ref)
4.0x5.0



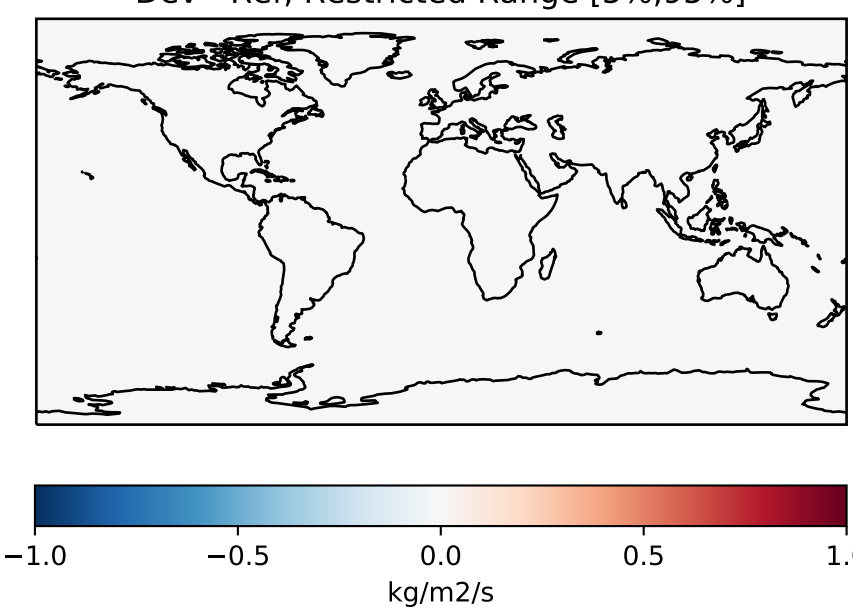
GCHP_12.8.0 (Dev)
c48



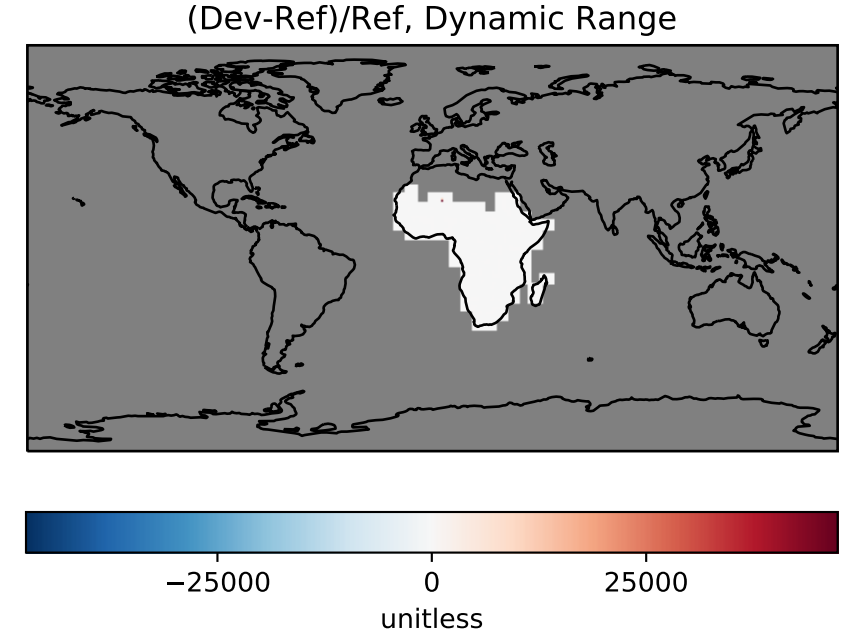
Difference (1x1.25)
Dev - Ref, Dynamic Range



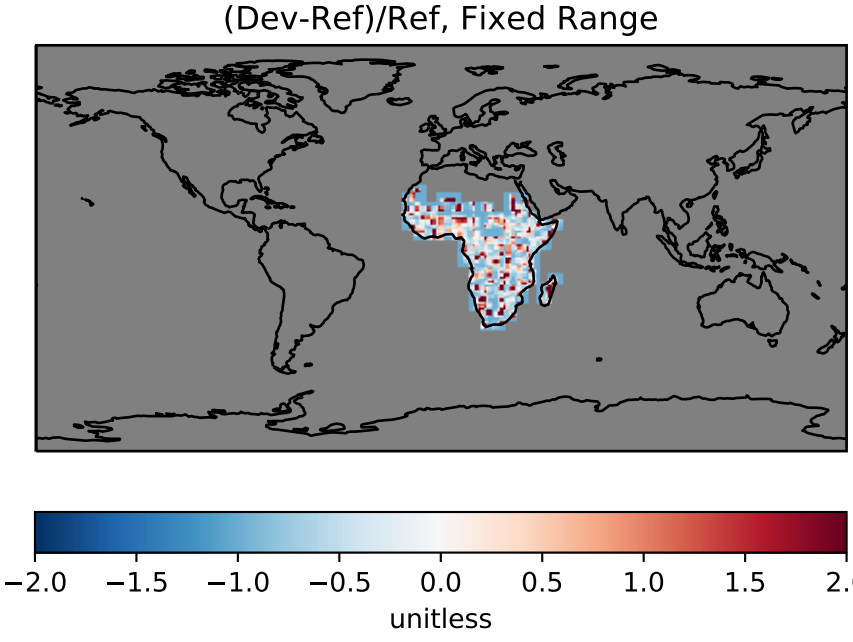
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

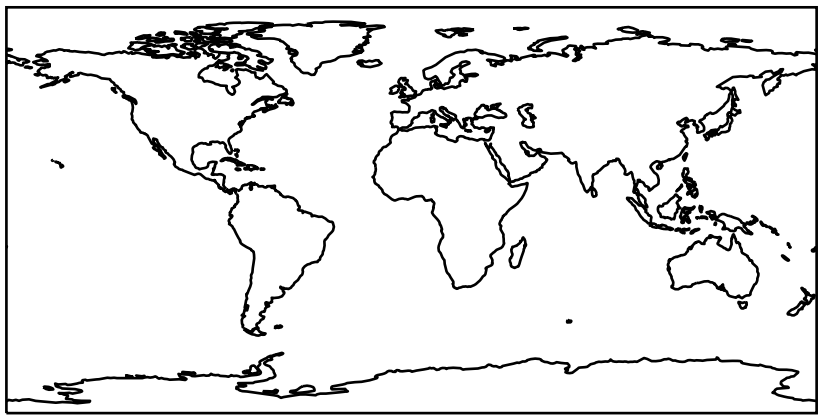


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



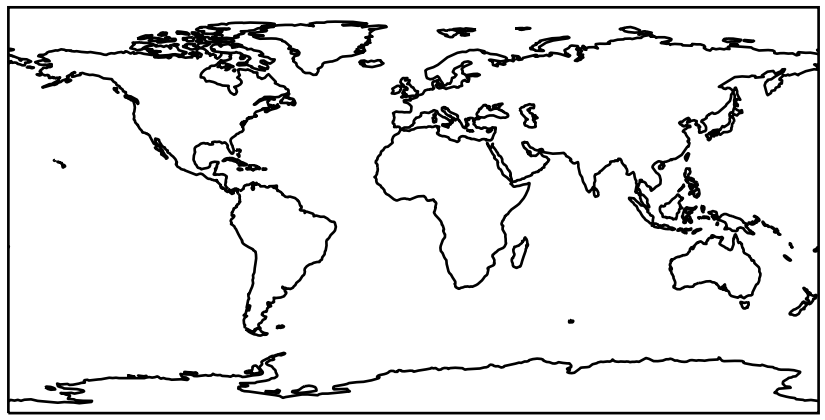
EmisNAP_Anthro

GC_12.8.0 (Ref)
4.0x5.0



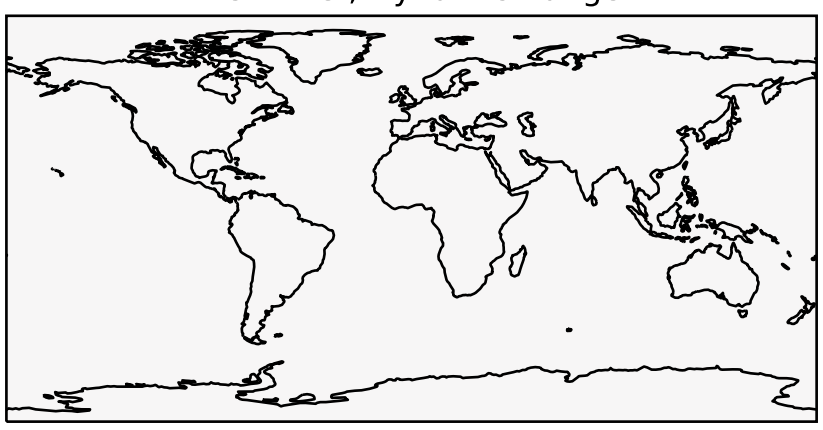
Zero throughout domain
kg/m2/s

GCHP_12.8.0 (Dev)
c48



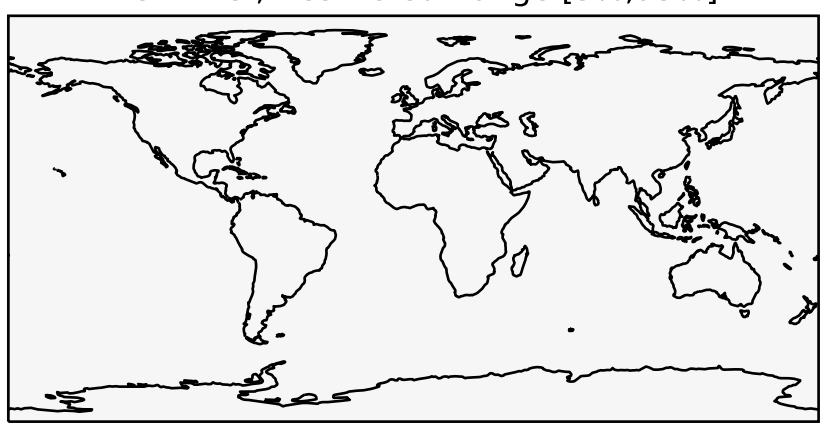
Zero throughout domain
kg/m2/s

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



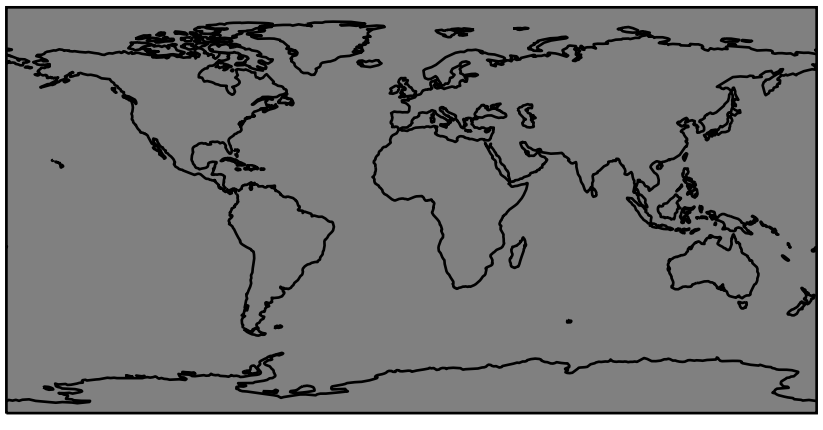
Zero throughout domain
kg/m2/s

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



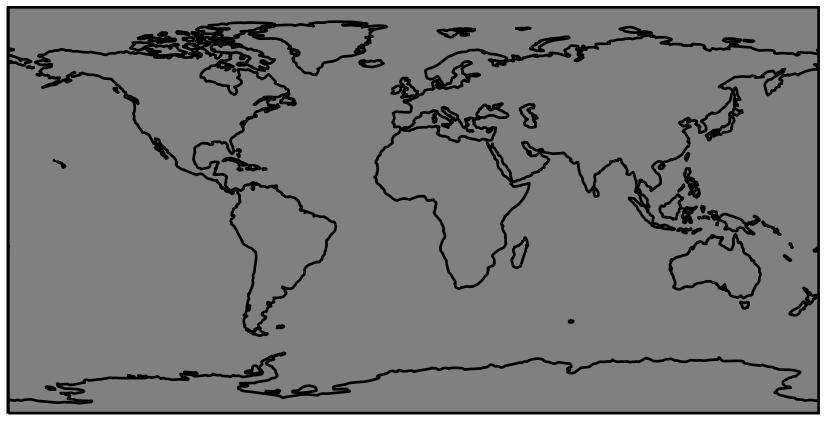
Zero throughout domain
kg/m2/s

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



Undefined throughout domain
unitless

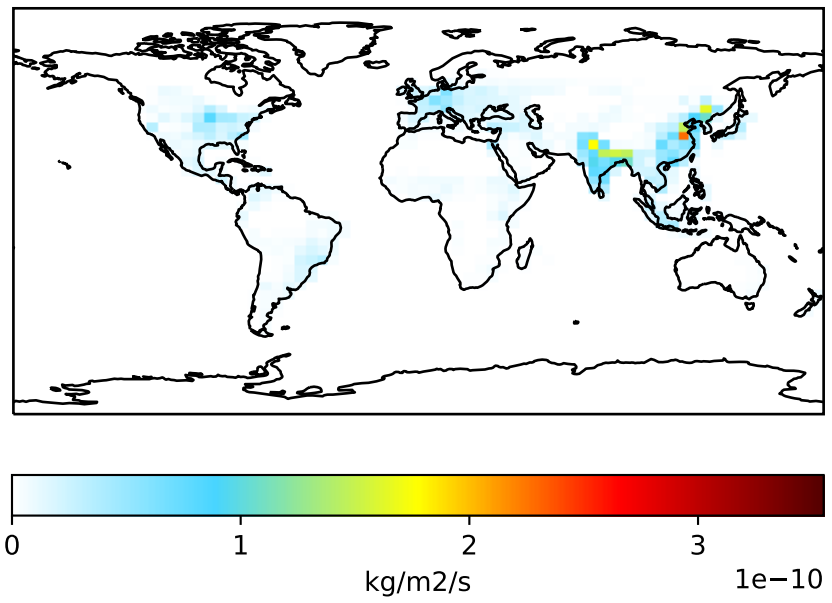
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



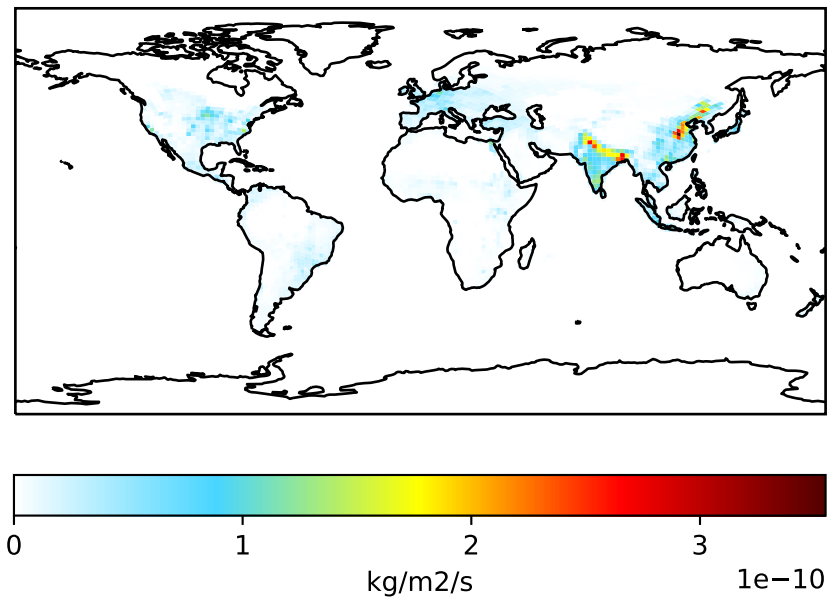
Undefined throughout domain
unitless

EmisNH3_Anthro

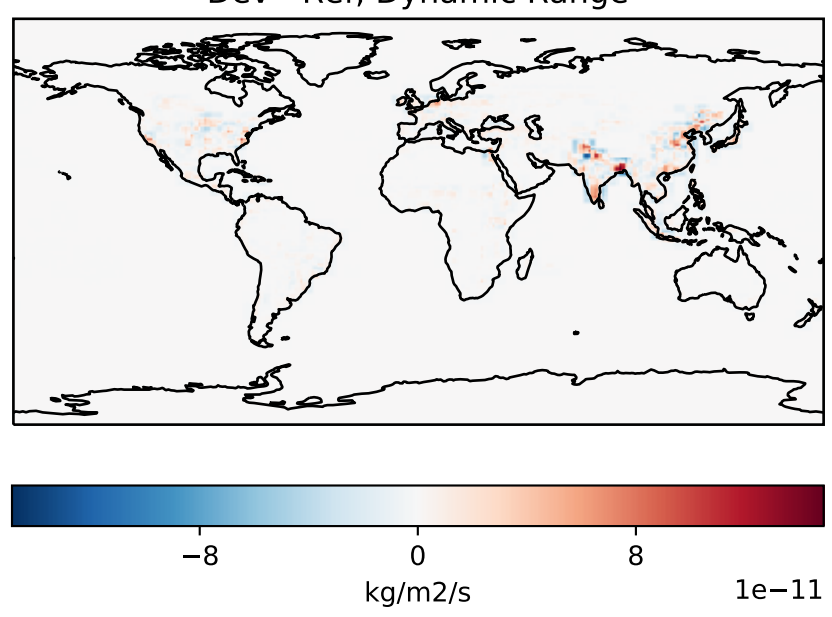
GC_12.8.0 (Ref)
4.0x5.0



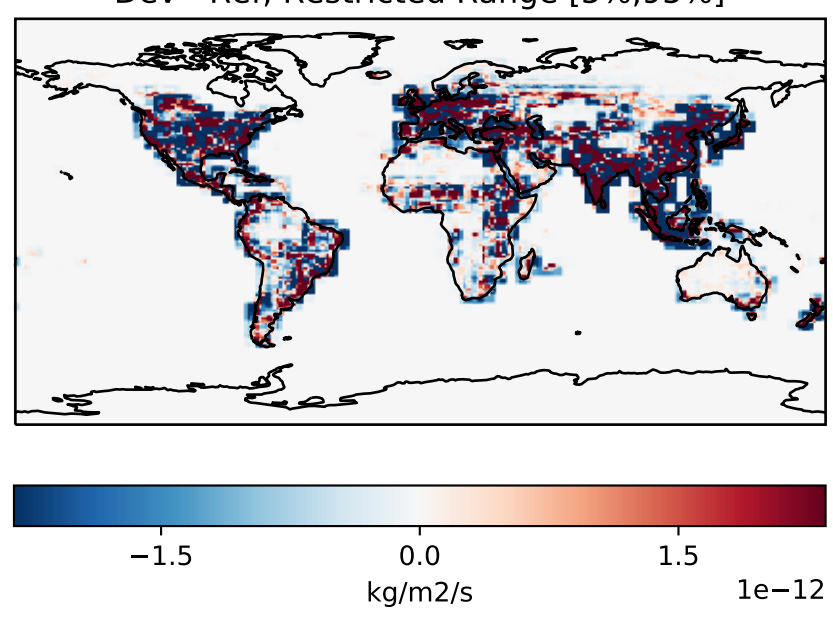
GCHP_12.8.0 (Dev)
c48



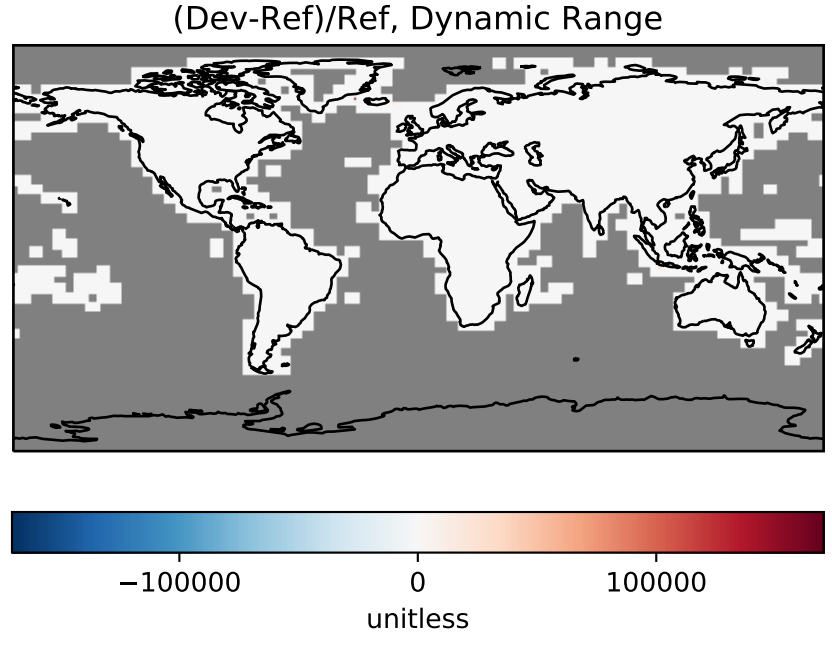
Difference (1x1.25)
Dev - Ref, Dynamic Range



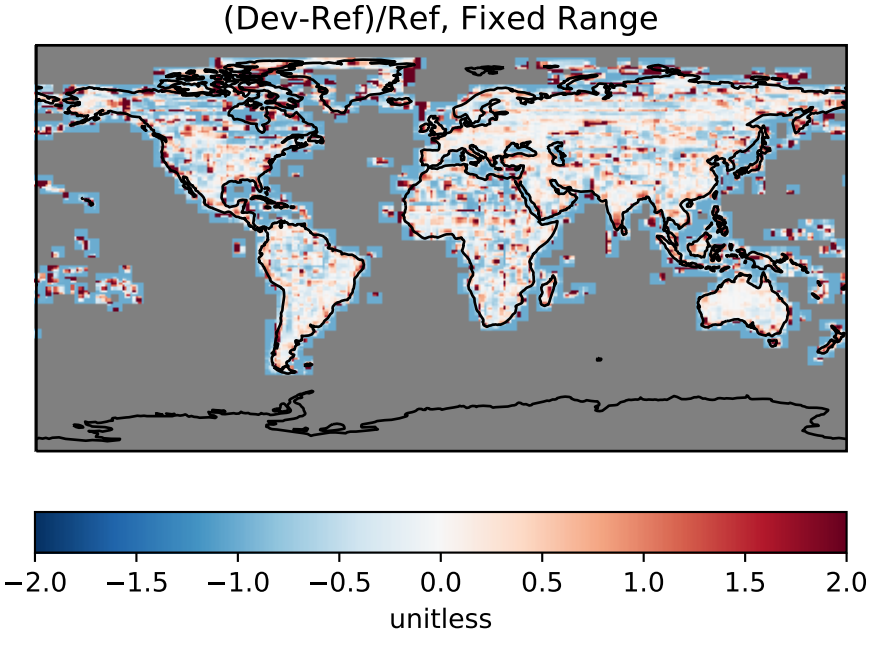
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

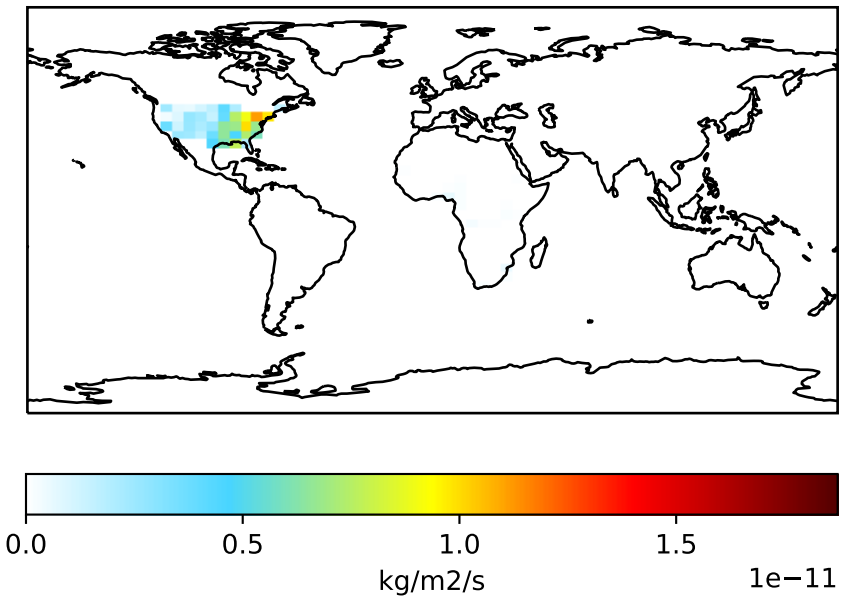


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

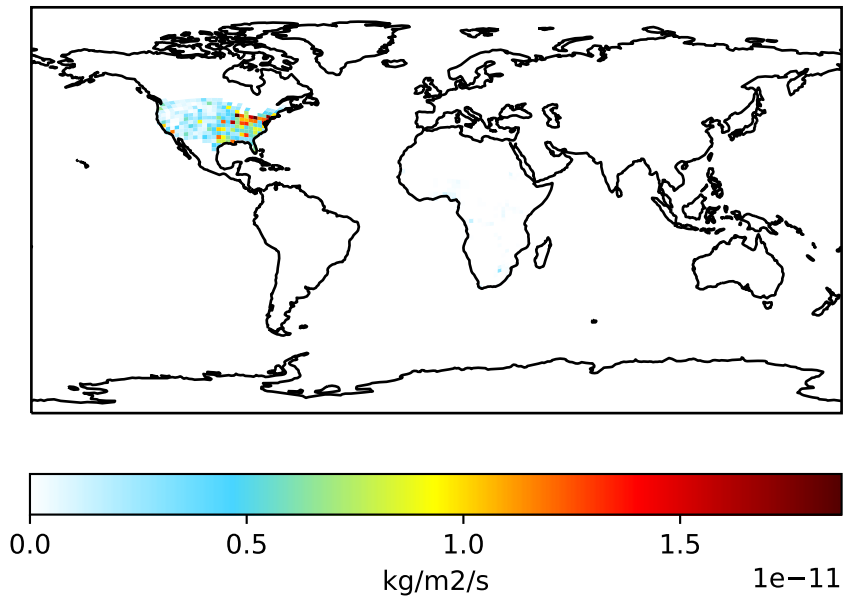


EmisNO2_Anthro

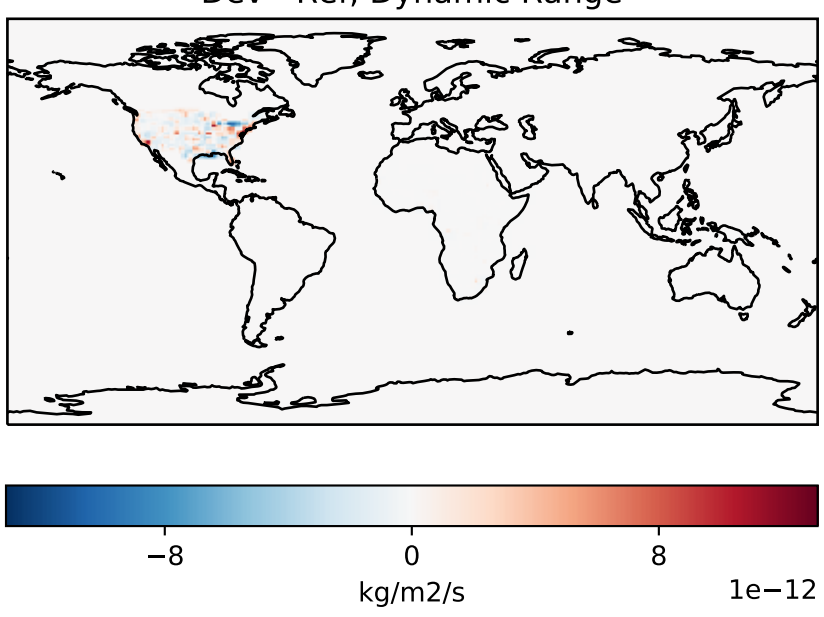
GC_12.8.0 (Ref)
4.0x5.0



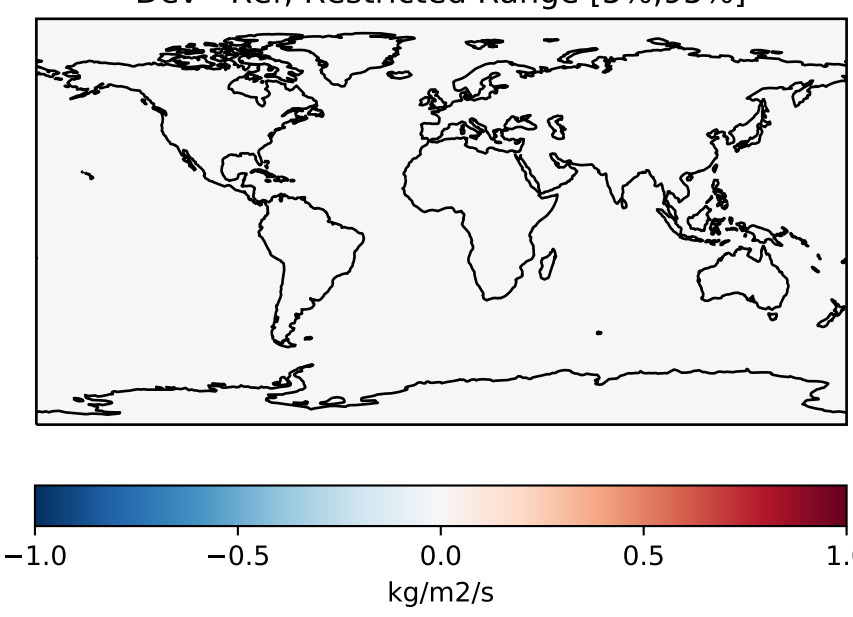
GCHP_12.8.0 (Dev)
c48



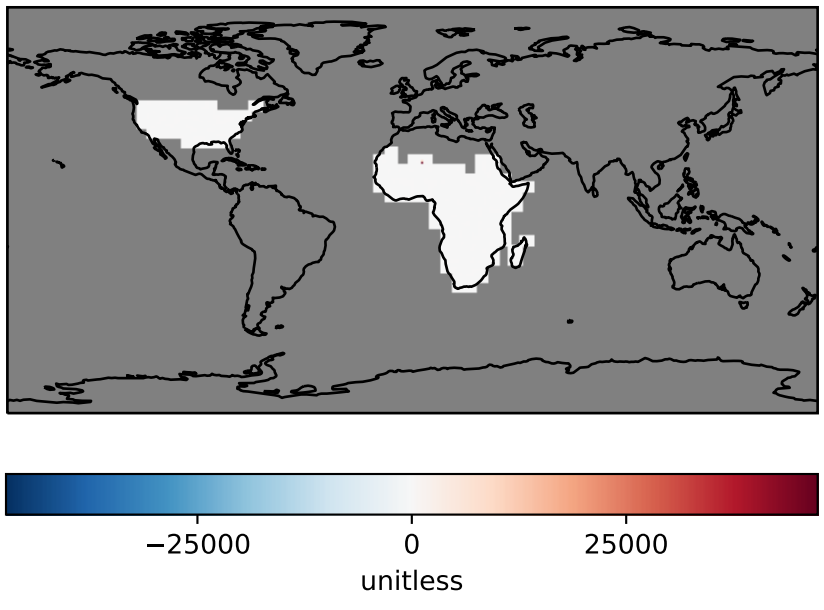
Difference (1x1.25)
Dev - Ref, Dynamic Range



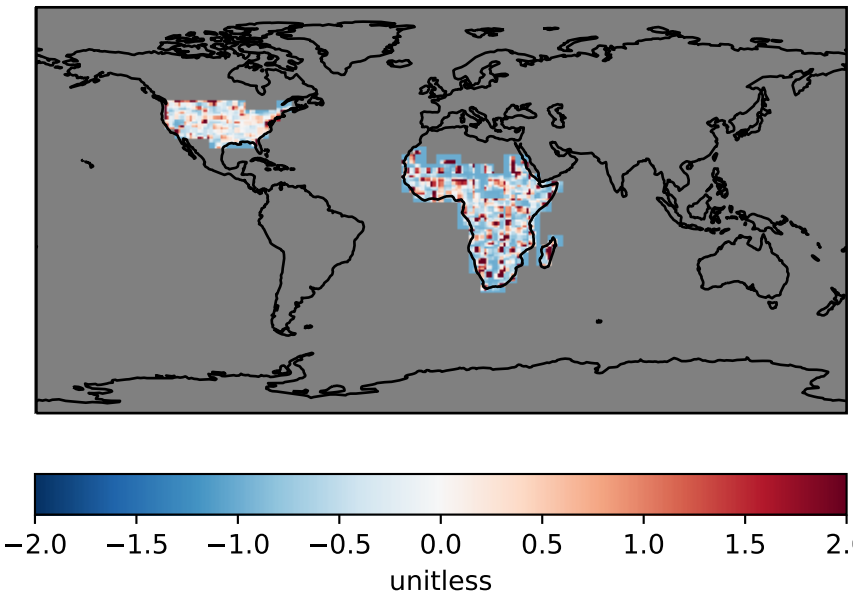
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

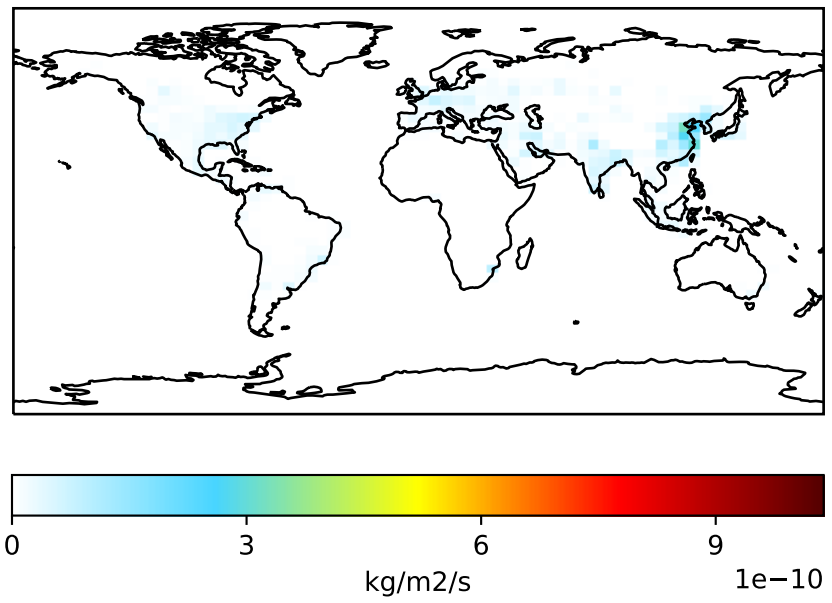


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

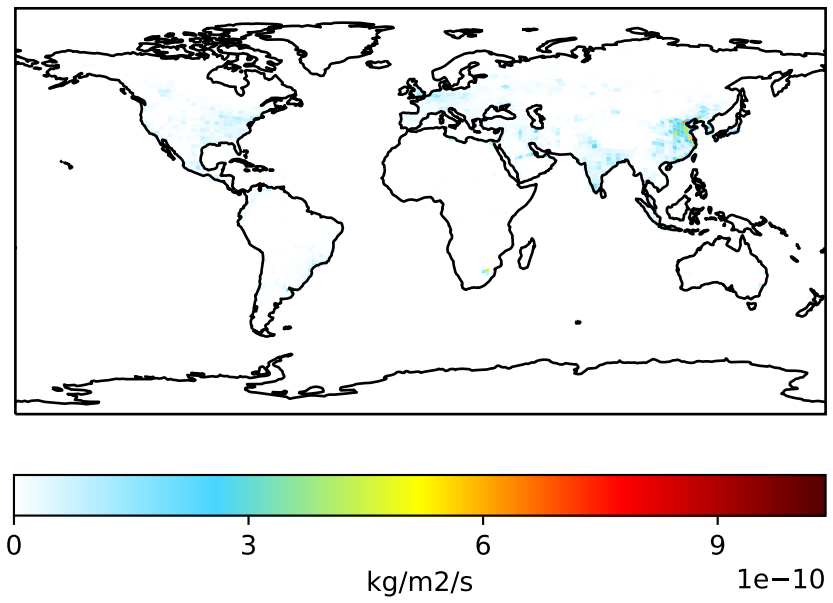


EmisNO_Anthro

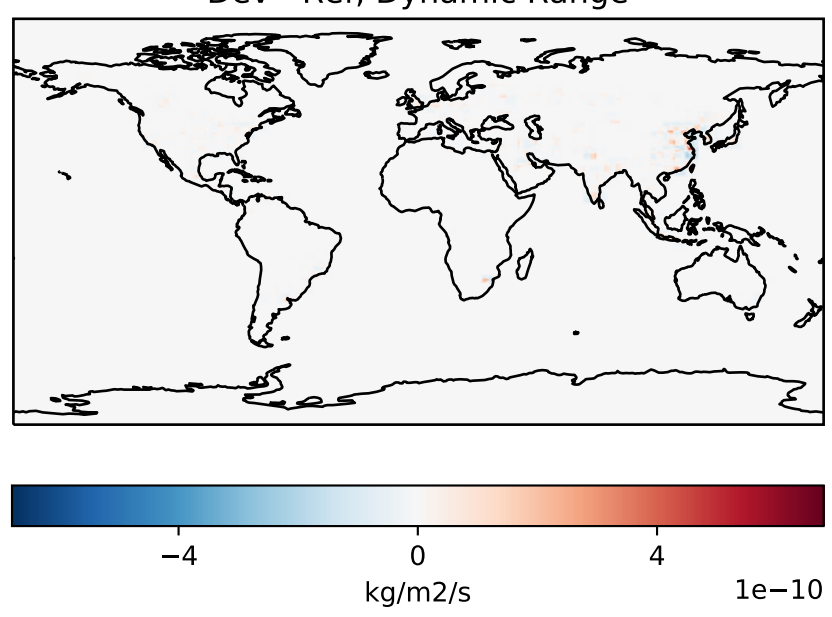
GC_12.8.0 (Ref)
4.0x5.0



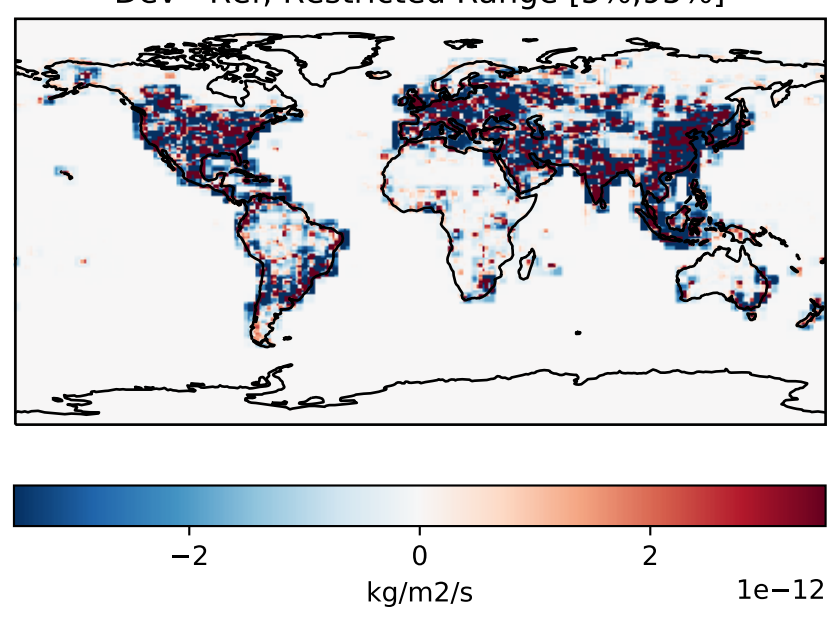
GCHP_12.8.0 (Dev)
c48



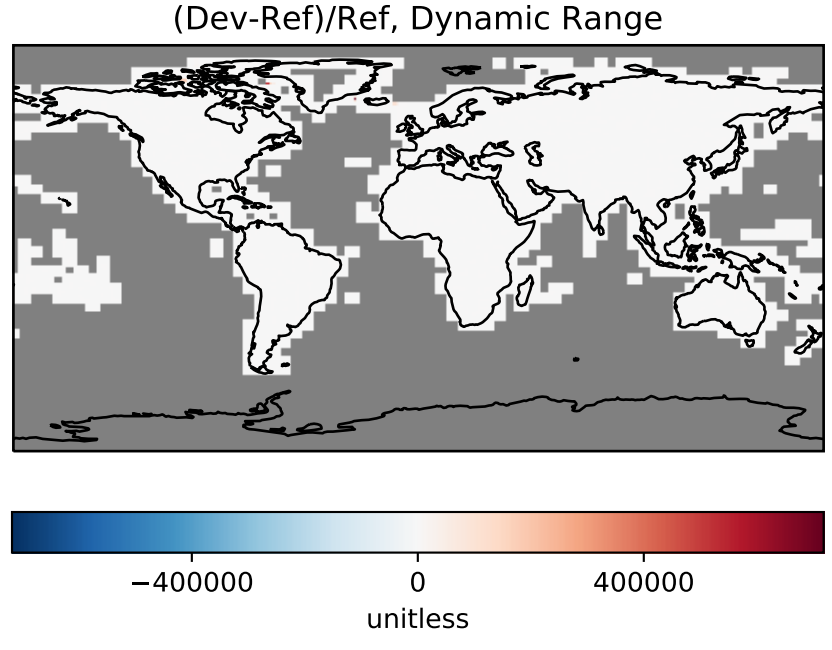
Difference (1x1.25)
Dev - Ref, Dynamic Range



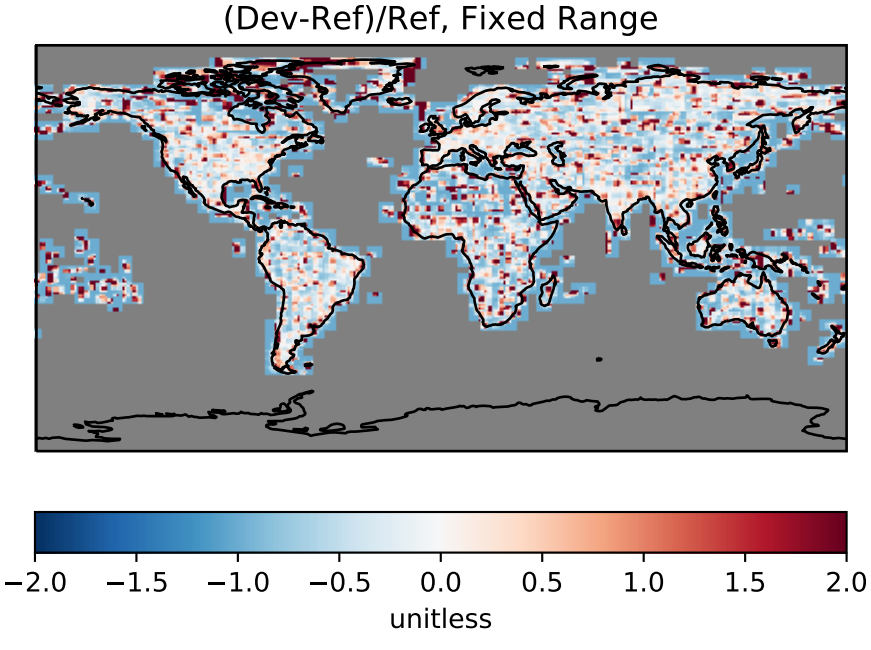
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

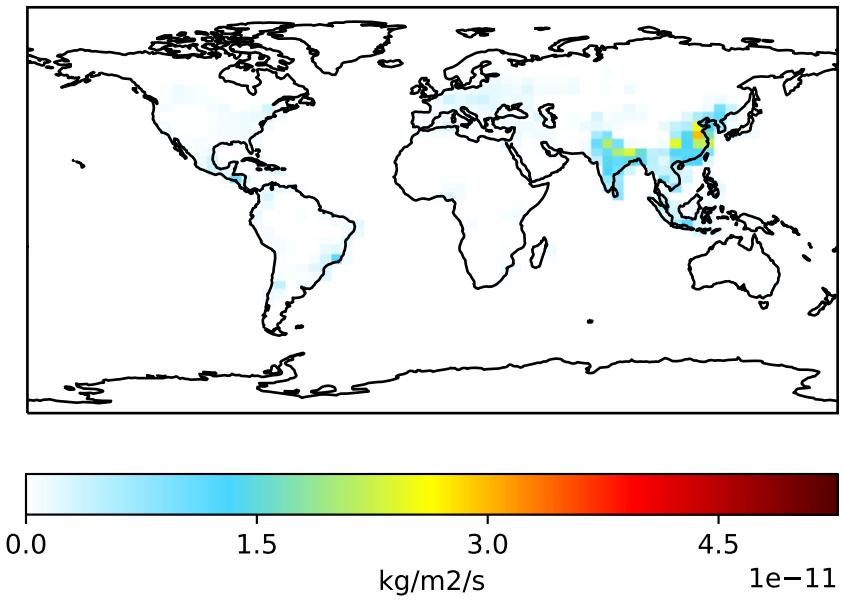


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

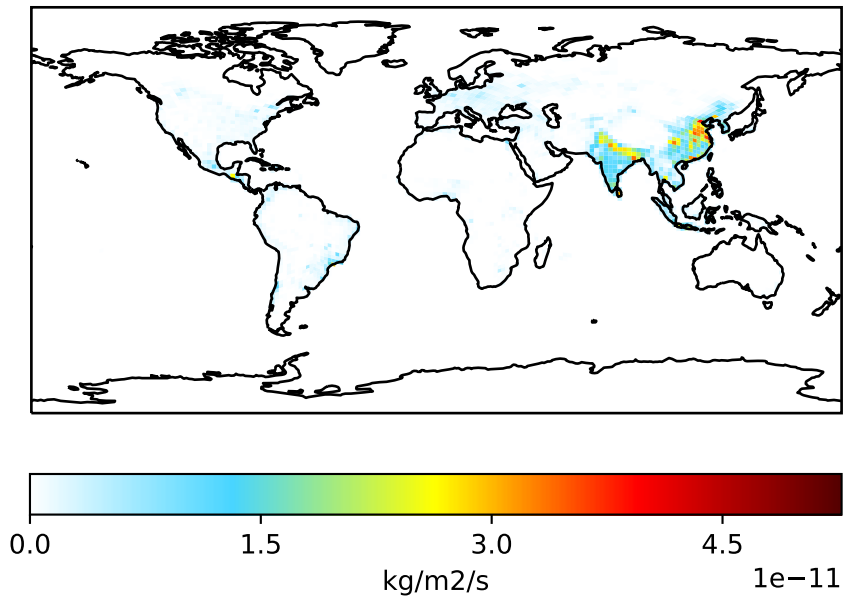


EmisOCPI_Anthro

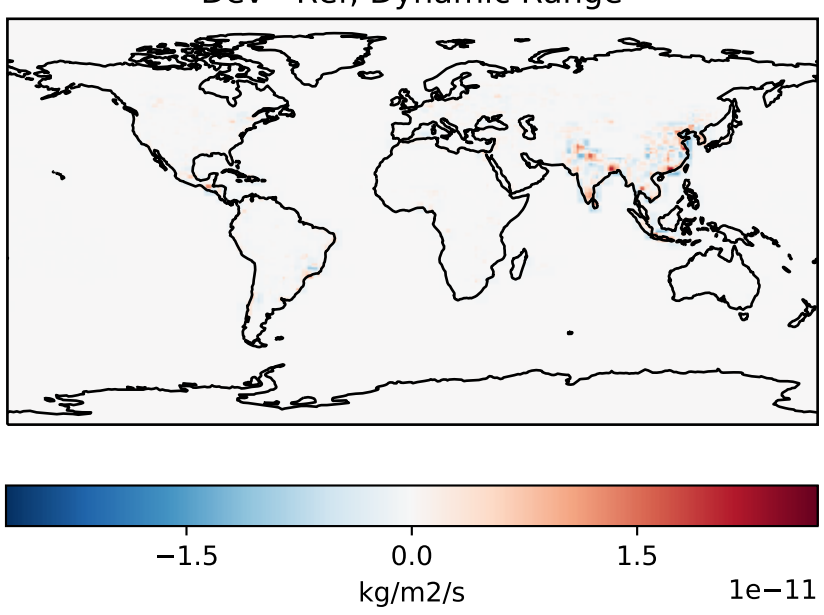
GC_12.8.0 (Ref)
4.0x5.0



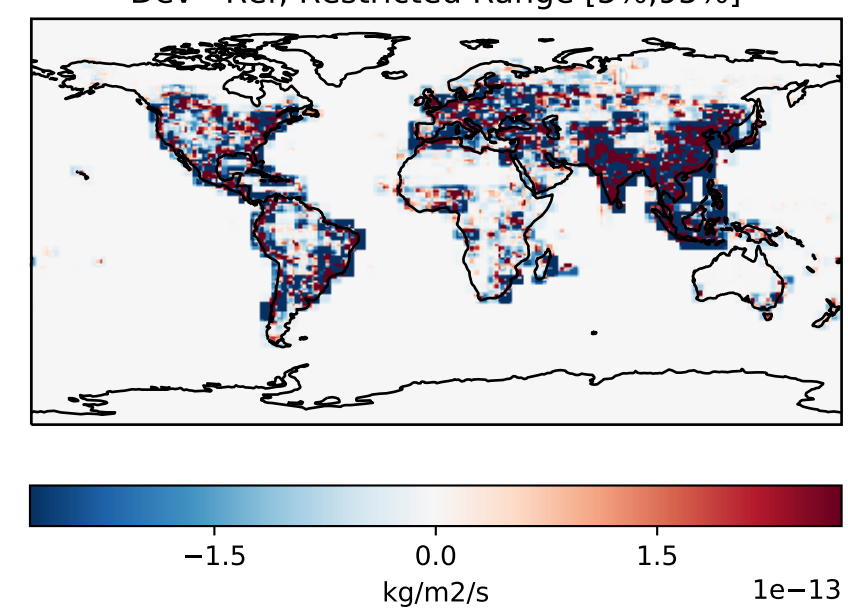
GCHP_12.8.0 (Dev)
c48



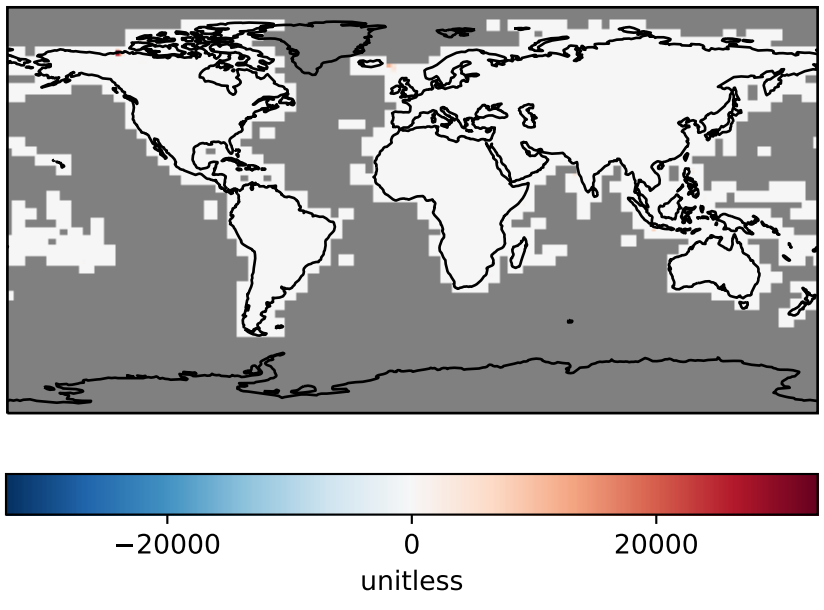
Difference (1x1.25)
Dev - Ref, Dynamic Range



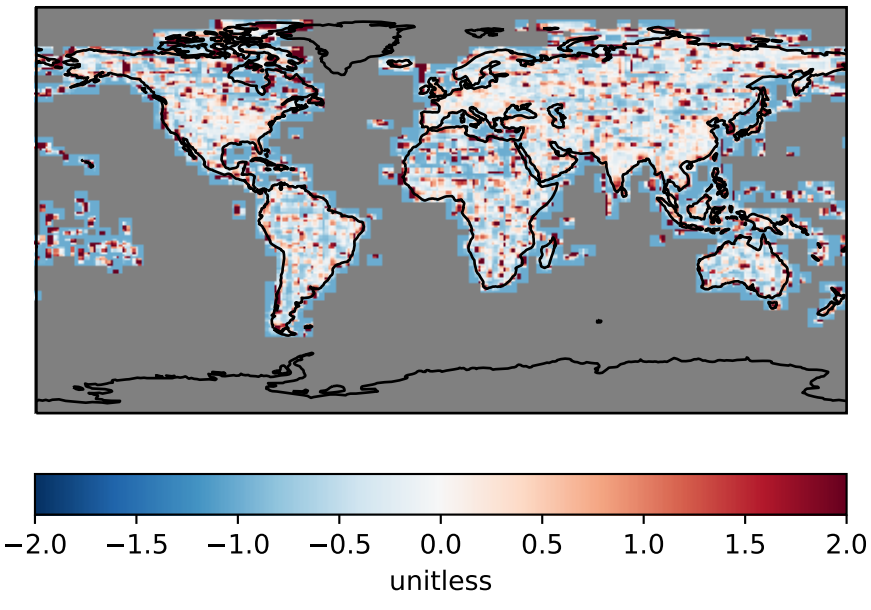
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

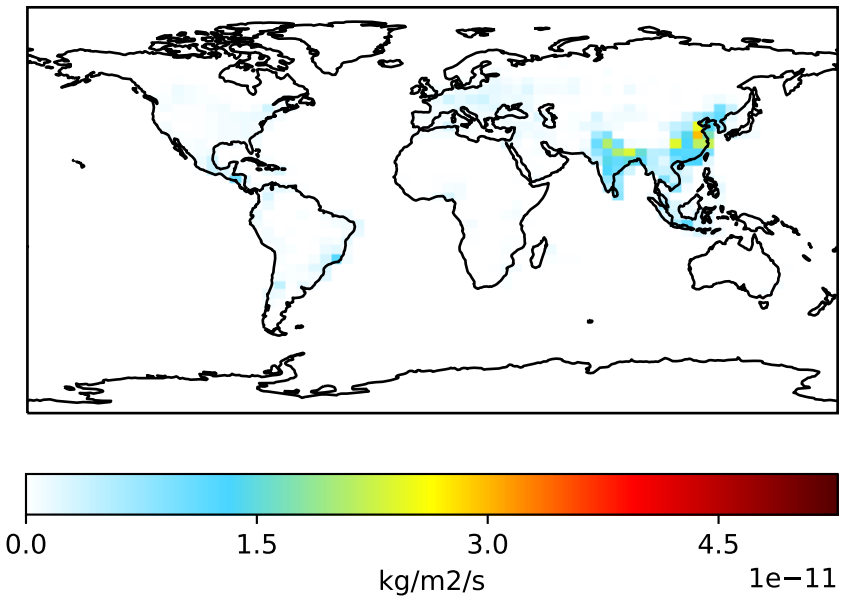


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

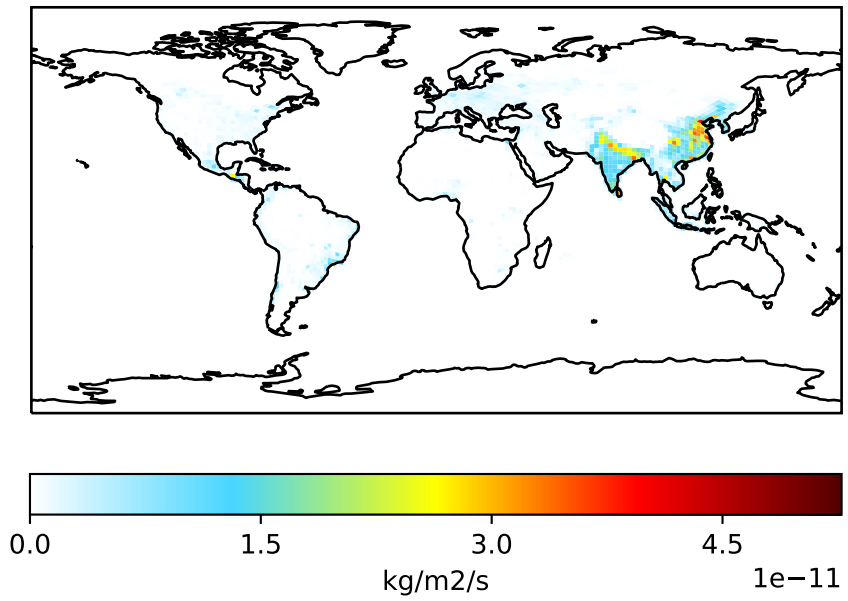


EmisOCPO_Anthro

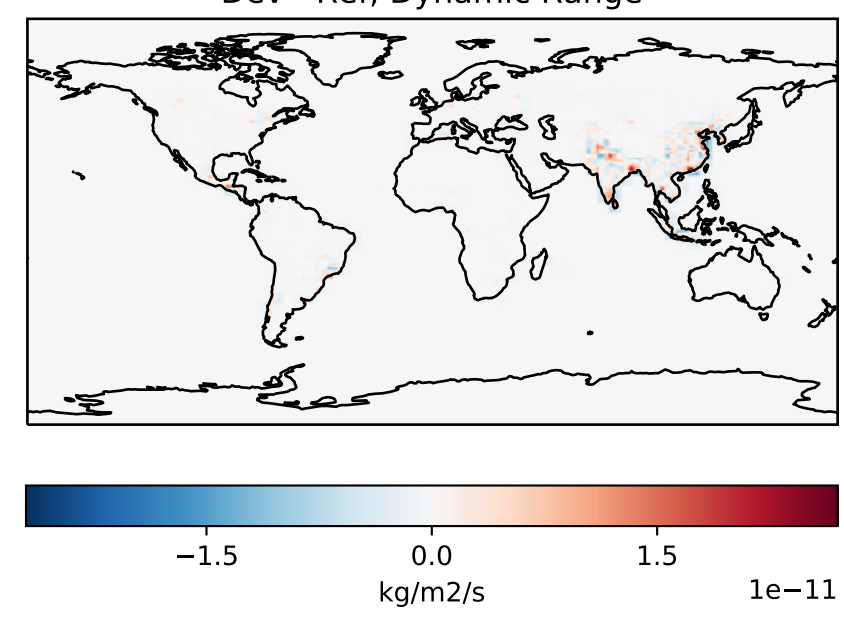
GC_12.8.0 (Ref)
4.0x5.0



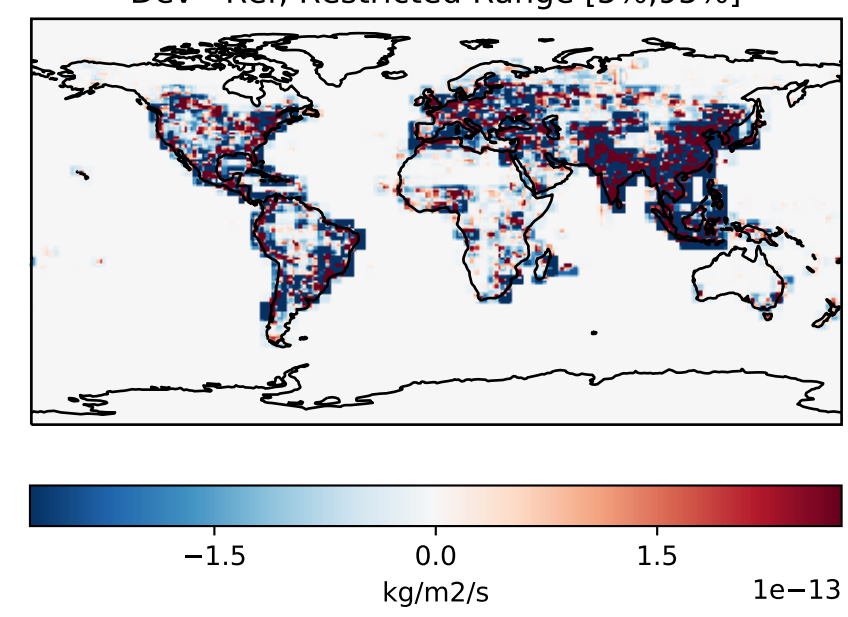
GCHP_12.8.0 (Dev)
c48



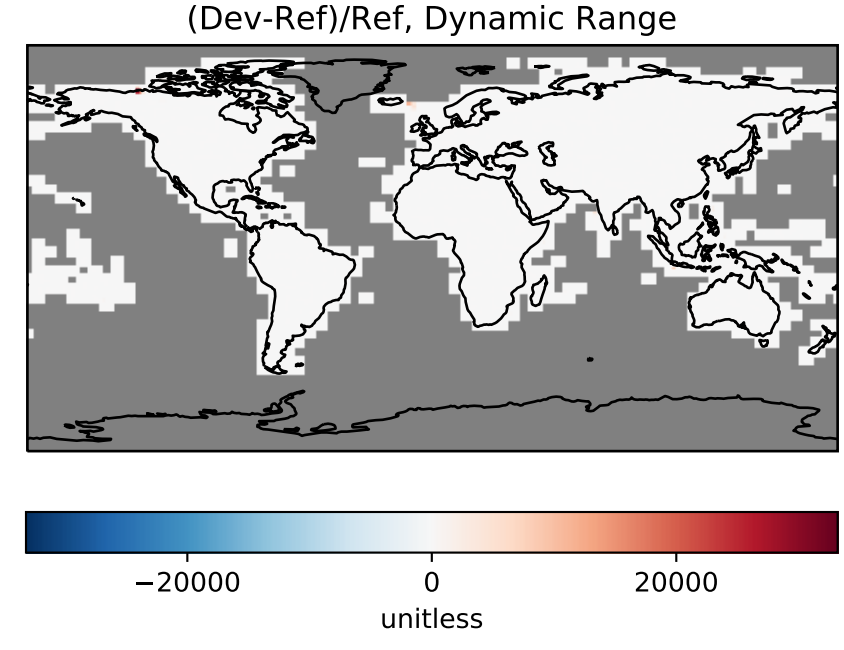
Difference (1x1.25)
Dev - Ref, Dynamic Range



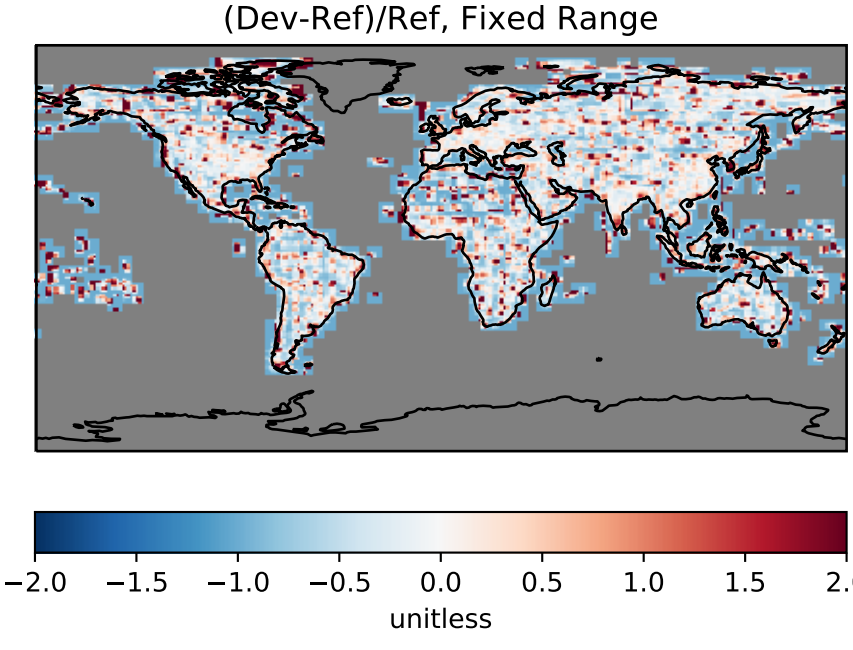
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

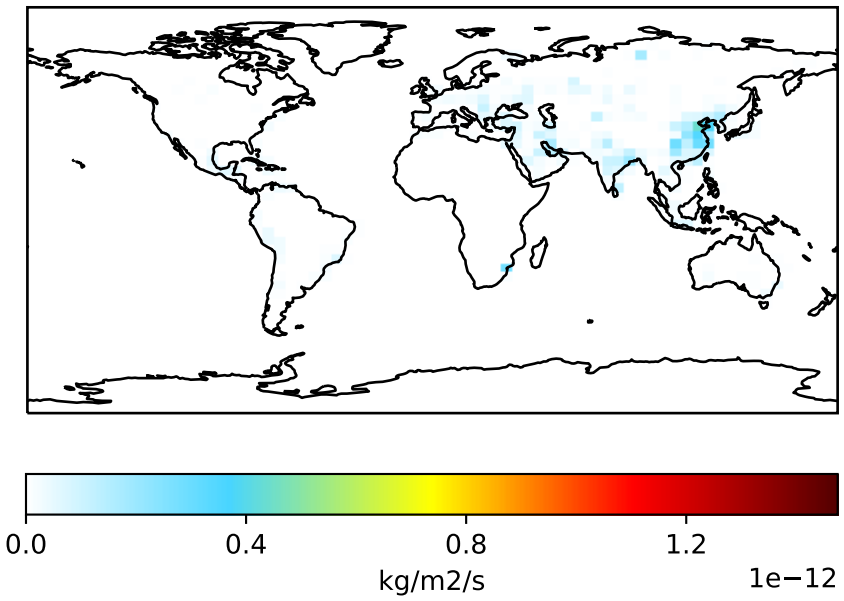


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

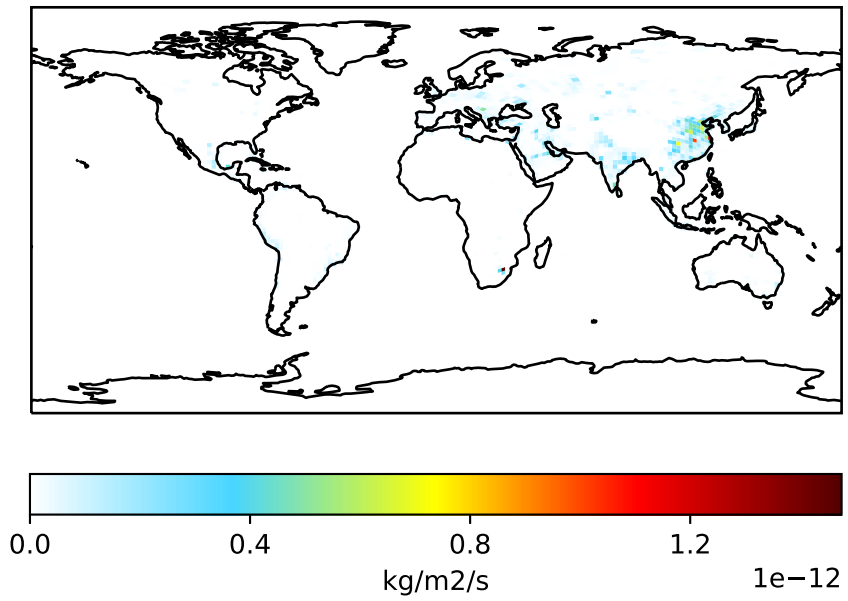


EmispFe_Anthro

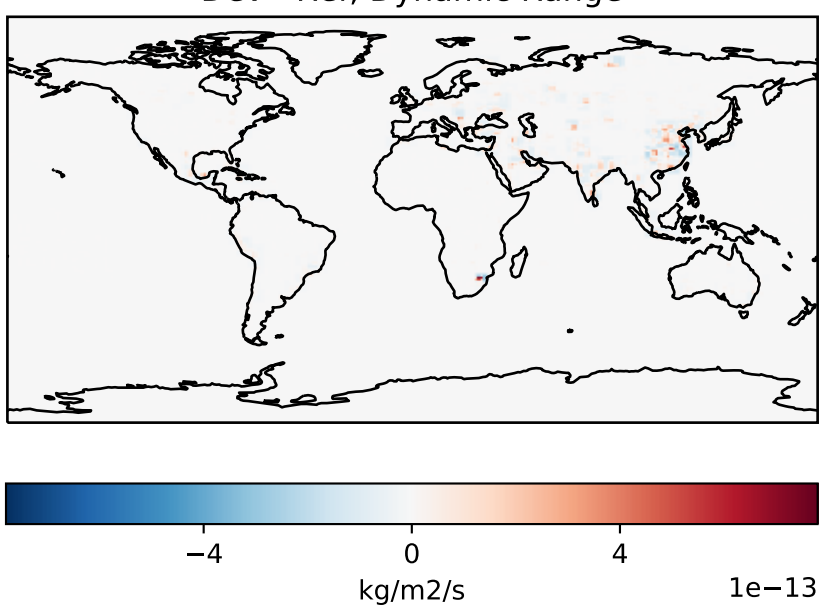
GC_12.8.0 (Ref)
4.0x5.0



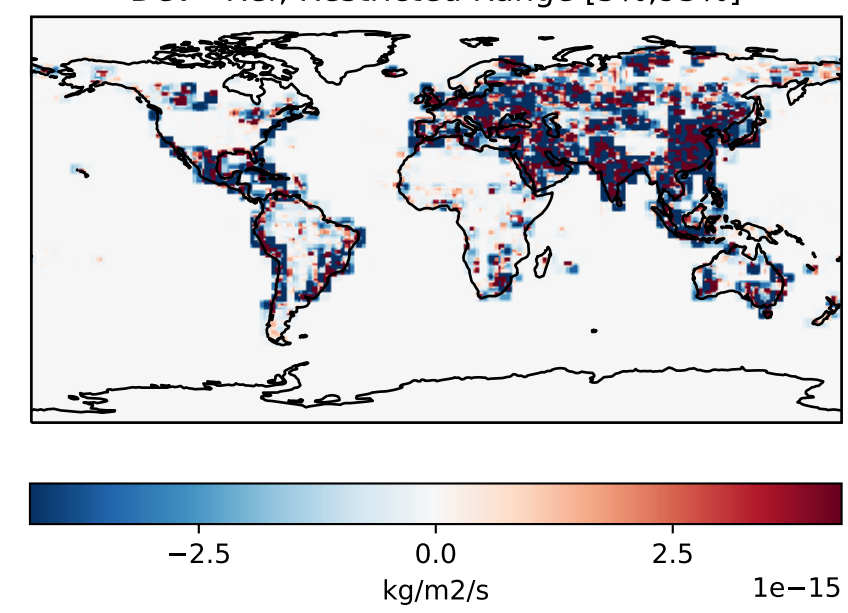
GCHP_12.8.0 (Dev)
c48



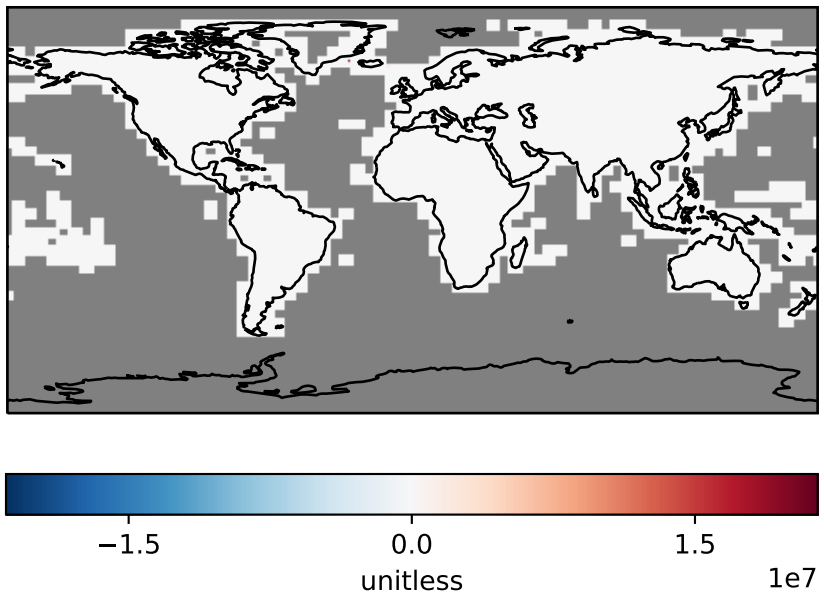
Difference (1x1.25)
Dev - Ref, Dynamic Range



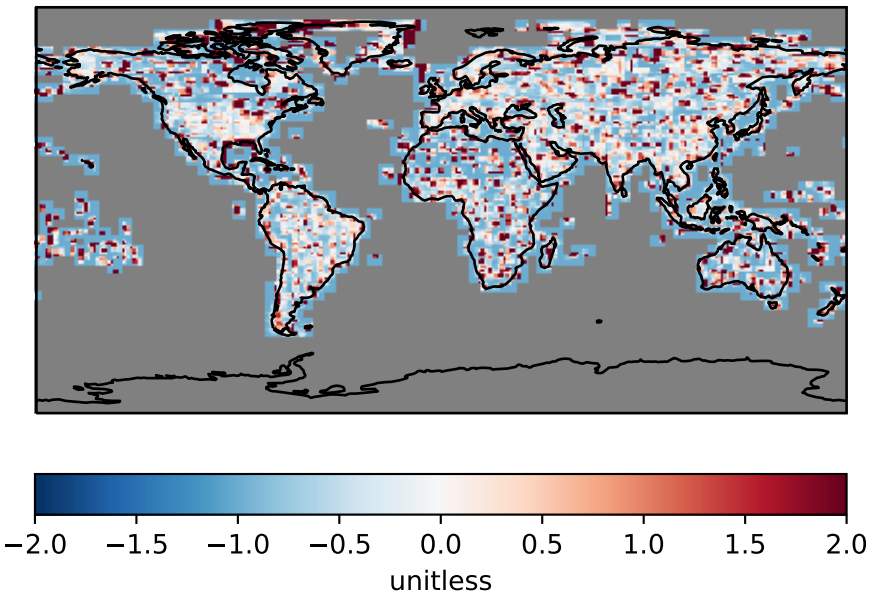
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

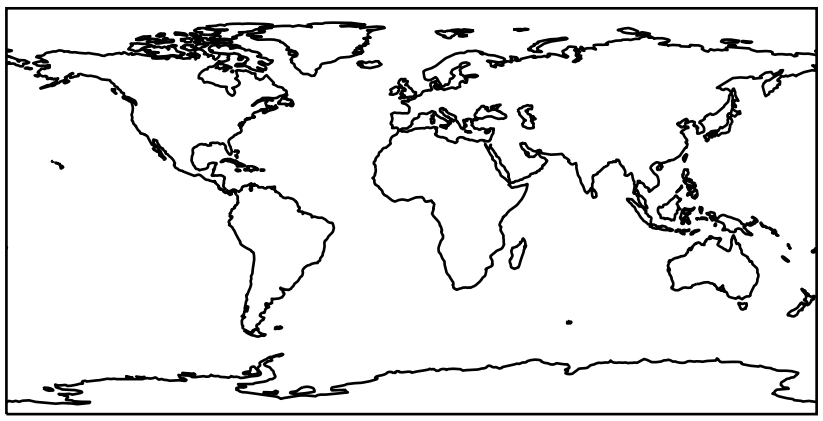


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



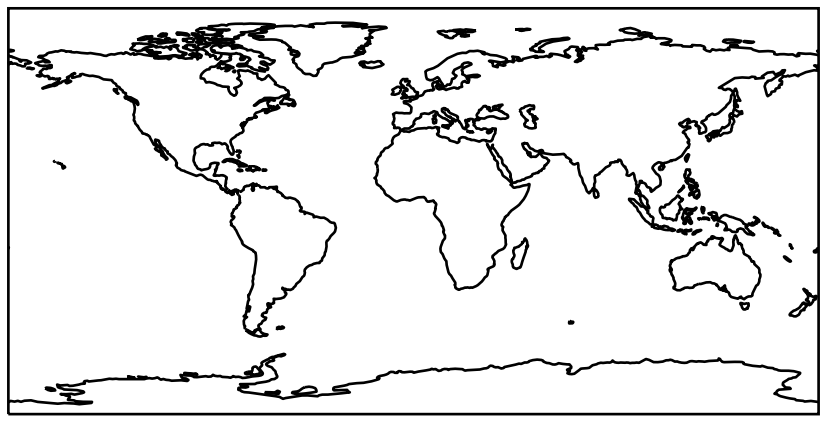
EmisPOG1_Anthro

GC_12.8.0 (Ref)
4.0x5.0



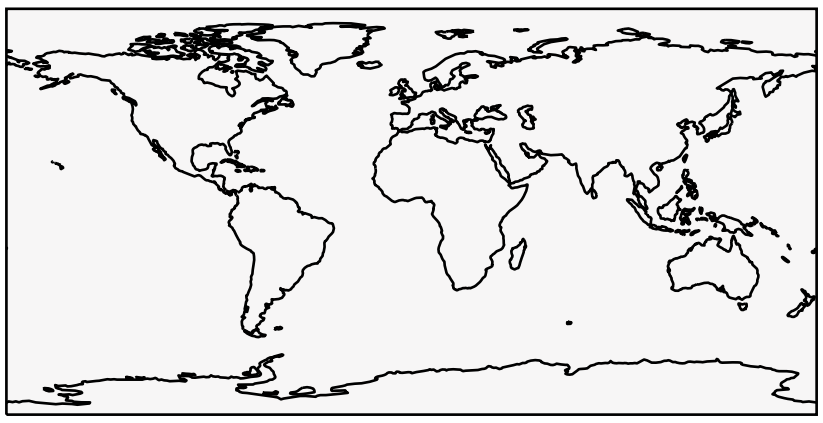
Zero throughout domain
kg/m2/s

GCHP_12.8.0 (Dev)
c48



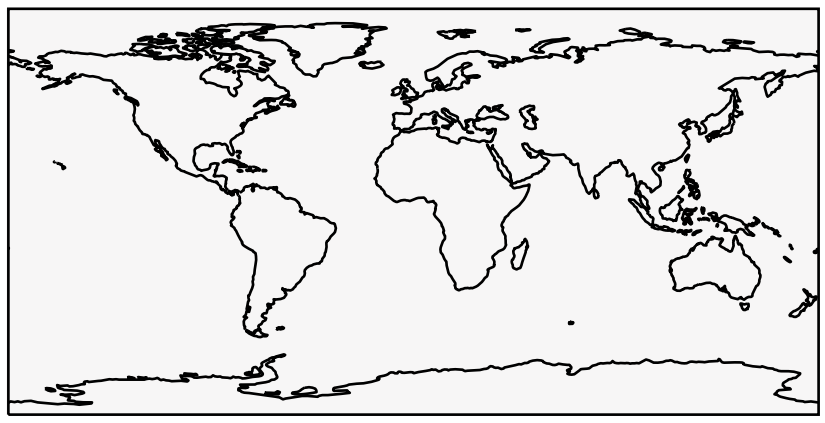
Zero throughout domain
kg/m2/s

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



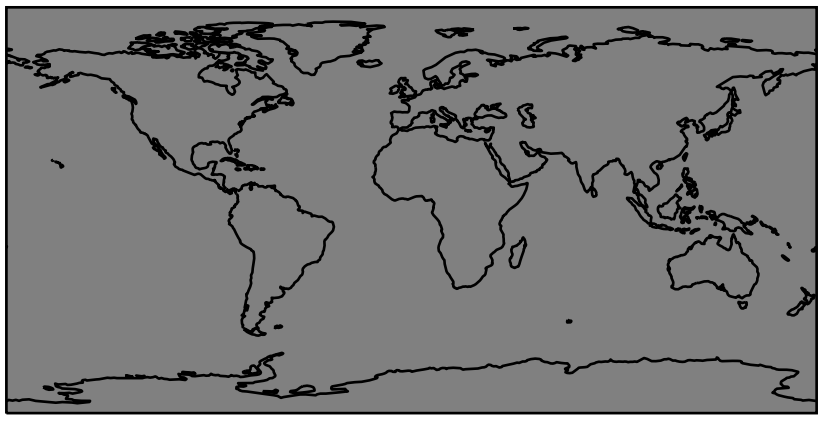
Zero throughout domain
kg/m2/s

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



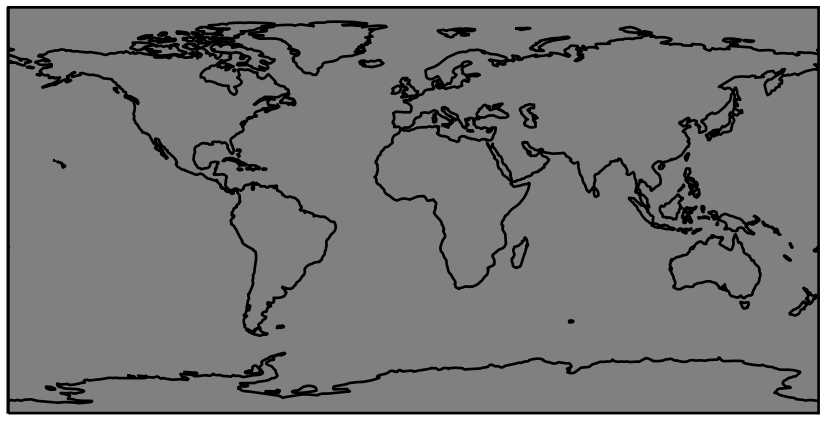
Zero throughout domain
kg/m2/s

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



Undefined throughout domain
unitless

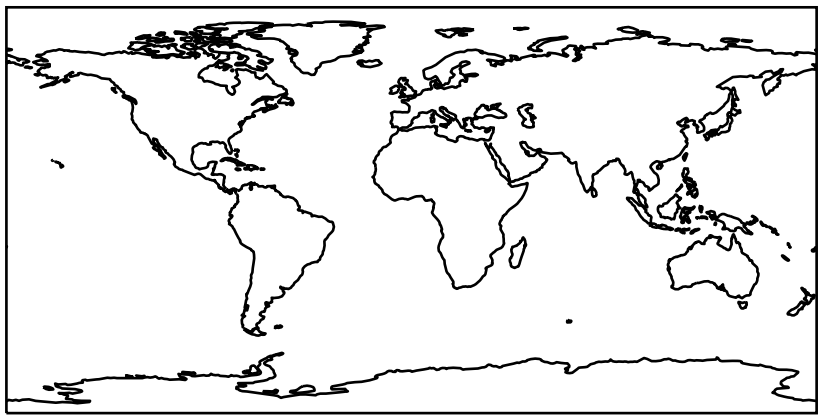
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



Undefined throughout domain
unitless

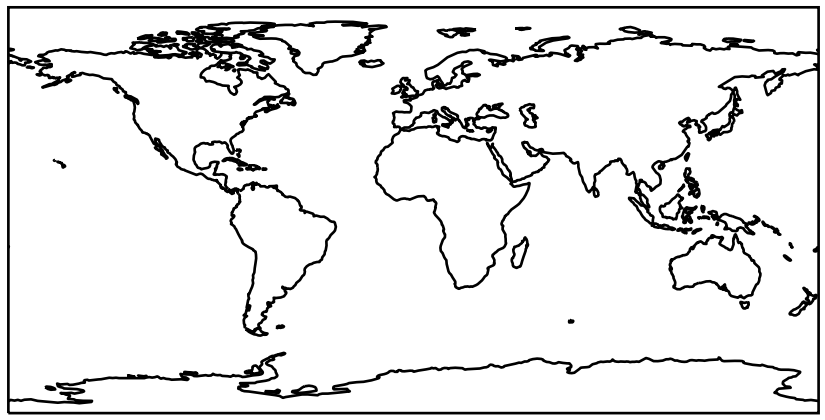
EmisPOG2_Anthro

GC_12.8.0 (Ref)
4.0x5.0



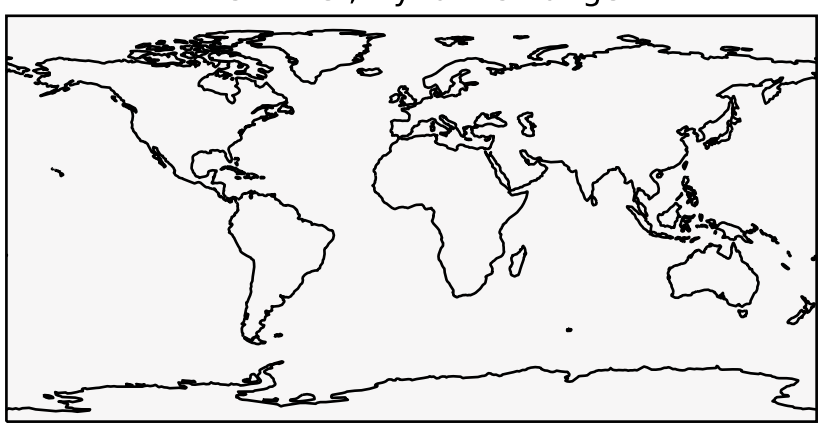
Zero throughout domain
kg/m2/s

GCHP_12.8.0 (Dev)
c48



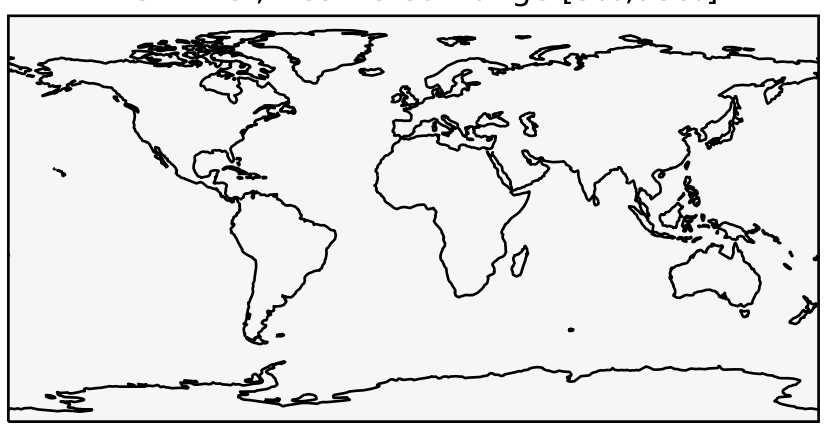
Zero throughout domain
kg/m2/s

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



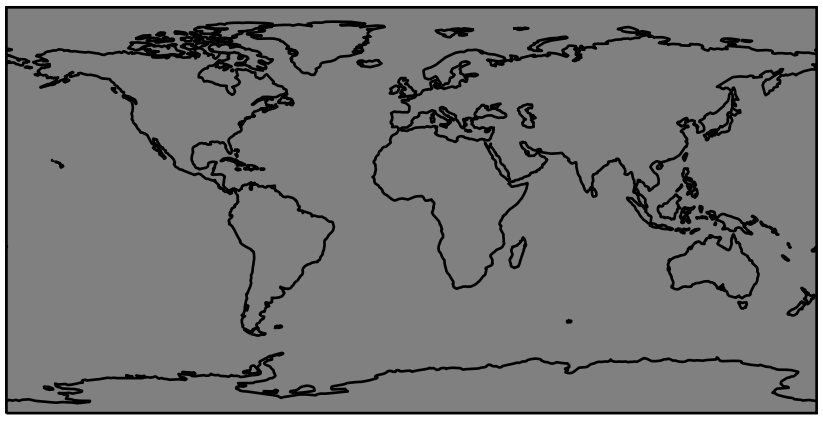
Zero throughout domain
kg/m2/s

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



Zero throughout domain
kg/m2/s

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



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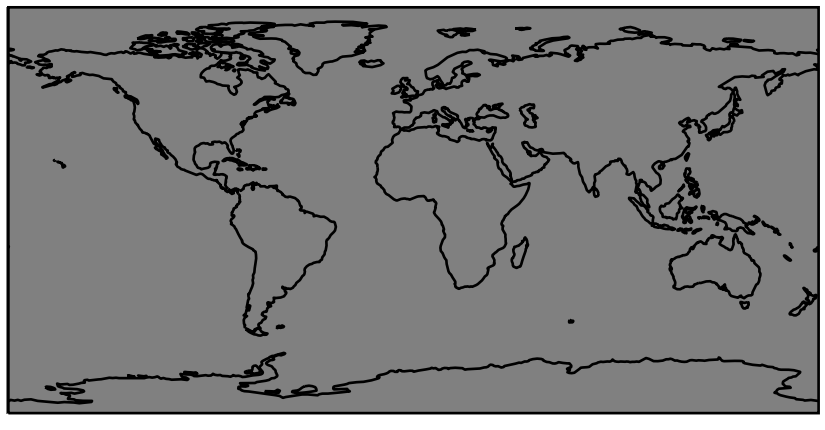
unitless

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



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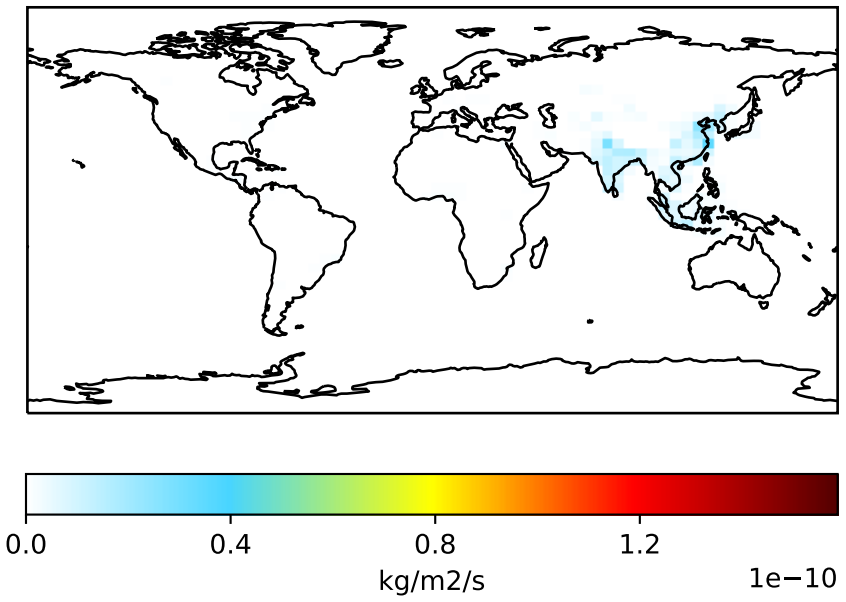
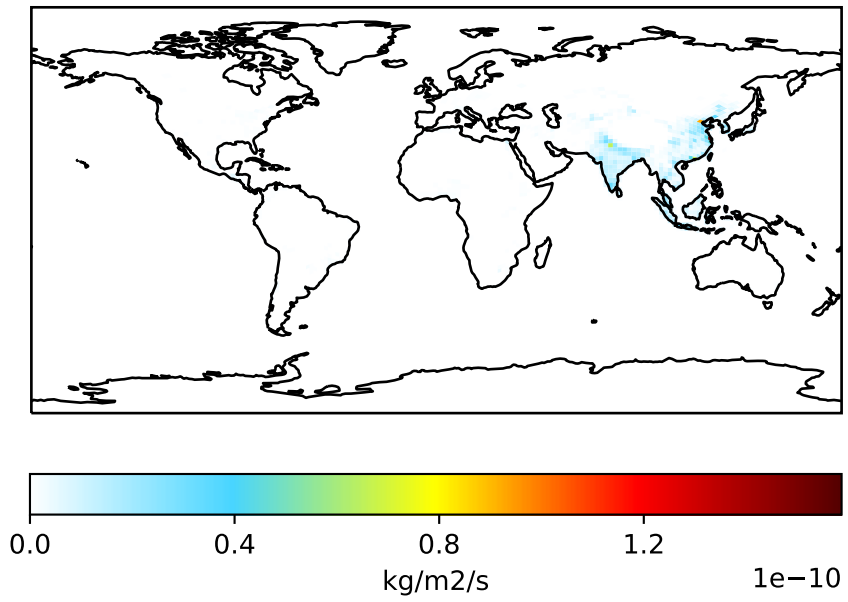
unitless

EmisPRPE_Anthro

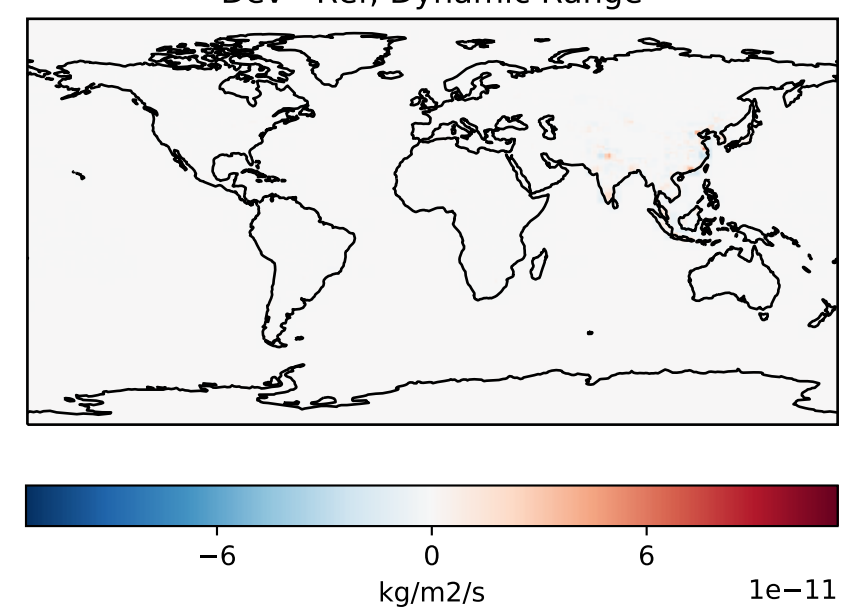
GC_12.8.0 (Ref)
4.0x5.0



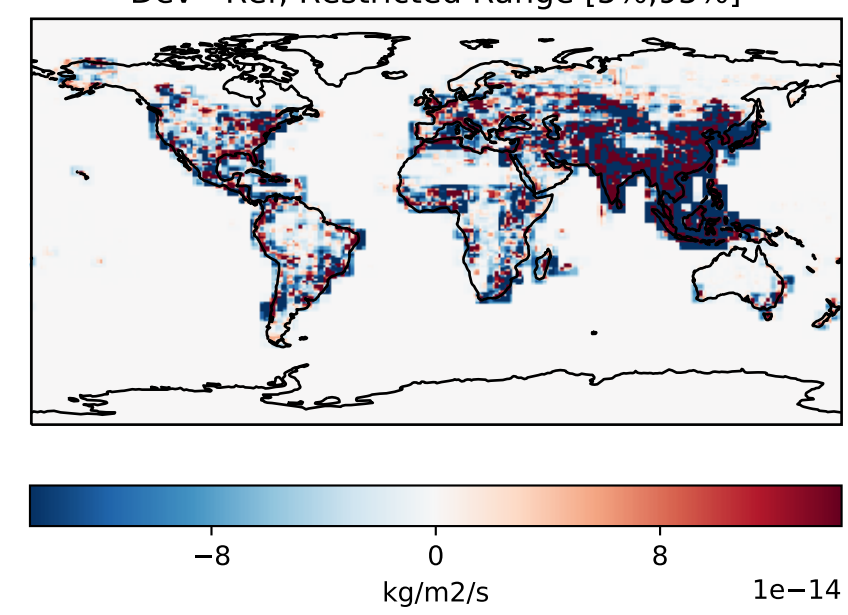
GCHP_12.8.0 (Dev)
c48



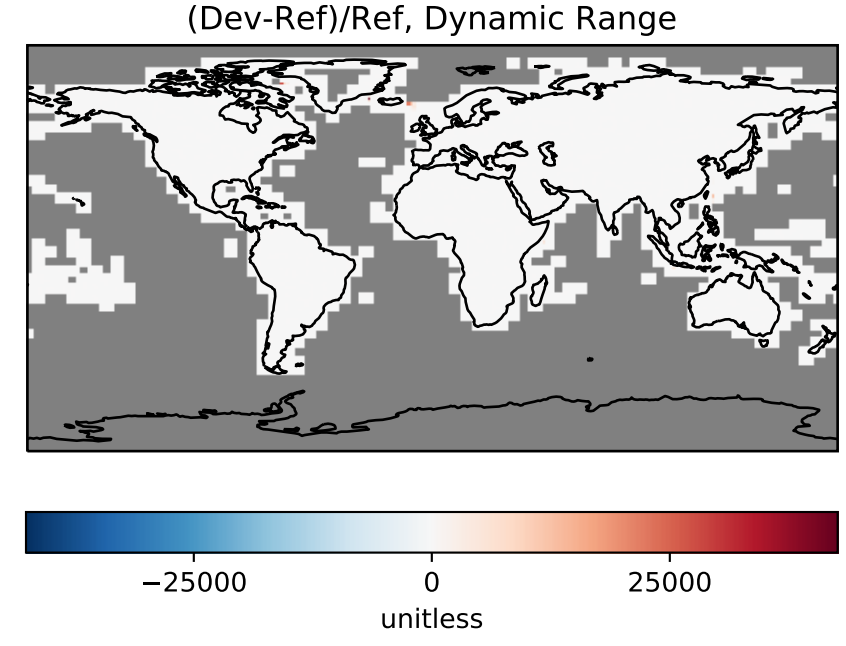
Difference (1x1.25)
Dev - Ref, Dynamic Range



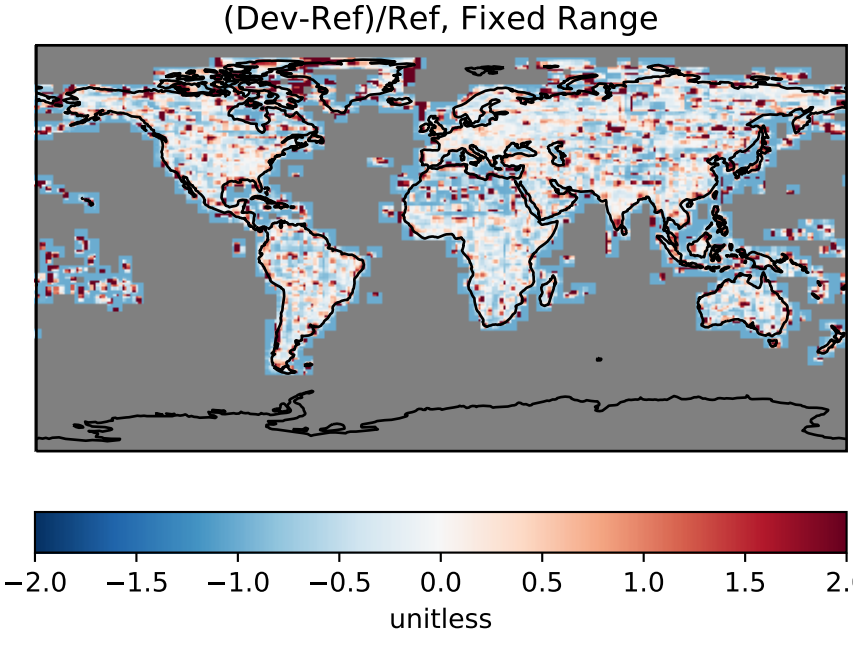
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

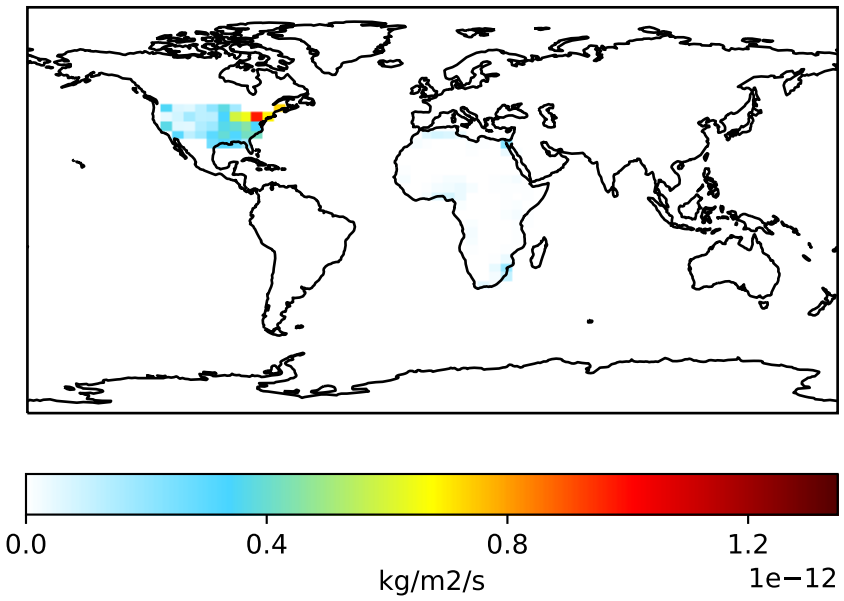


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

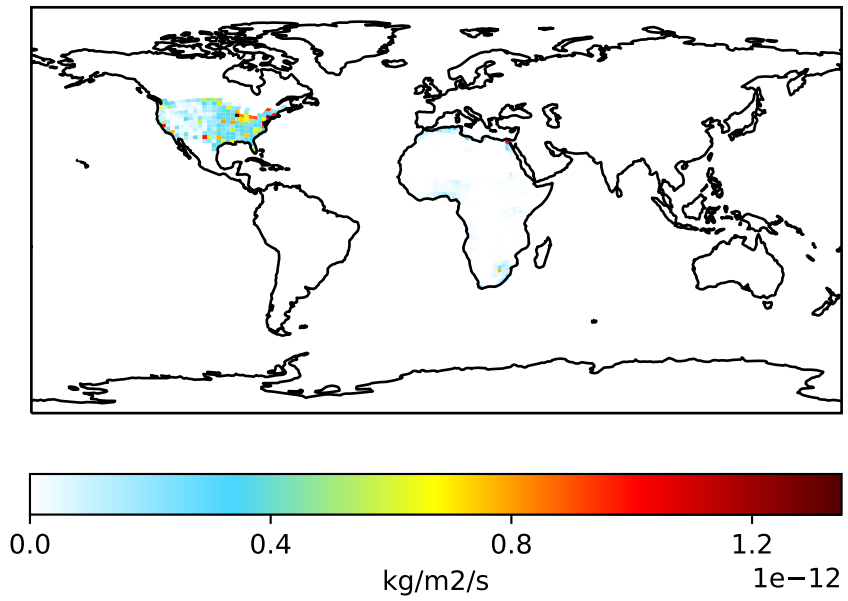


EmisRCHO_Anthro

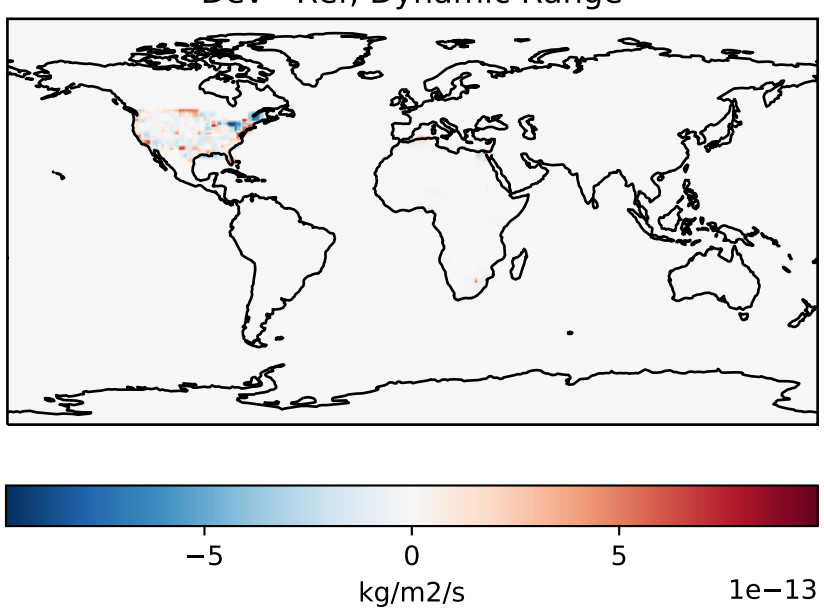
GC_12.8.0 (Ref)
4.0x5.0



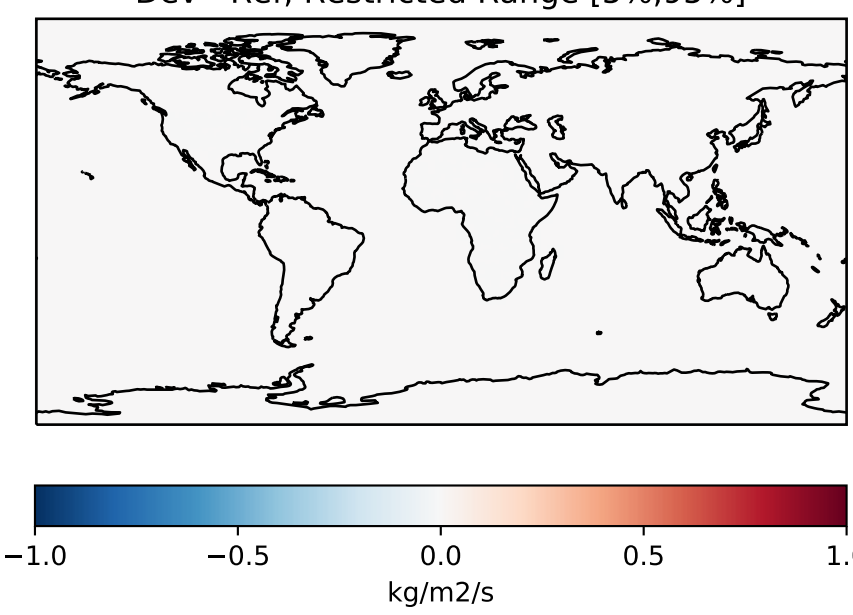
GCHP_12.8.0 (Dev)
c48



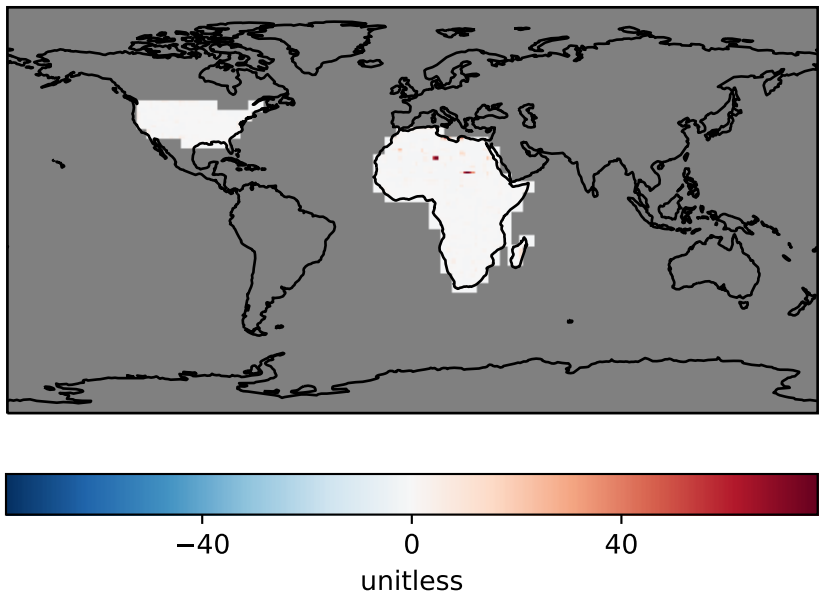
Difference (1x1.25)
Dev - Ref, Dynamic Range



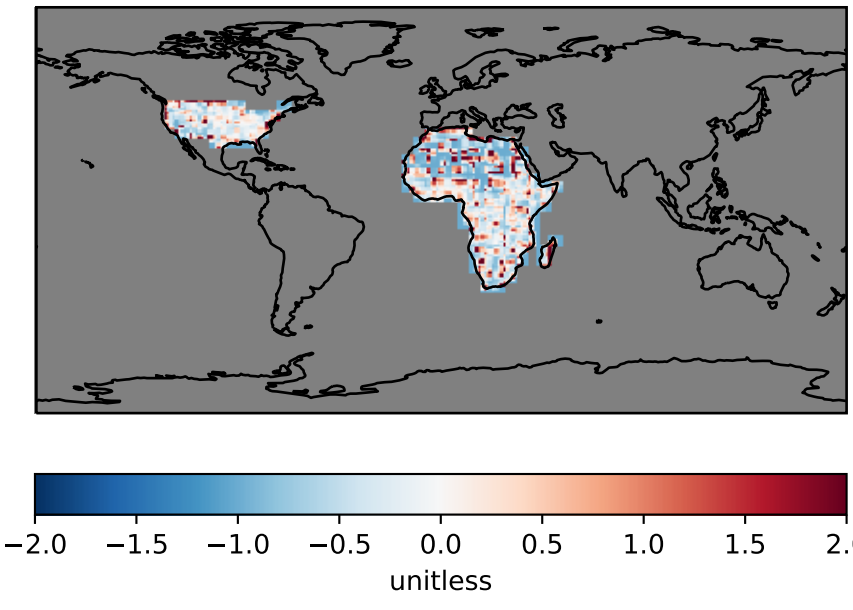
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

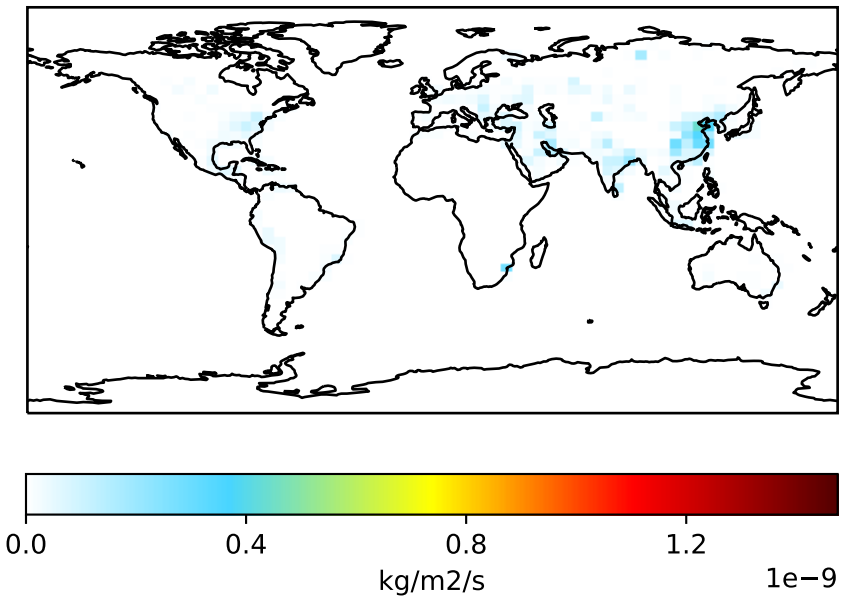


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

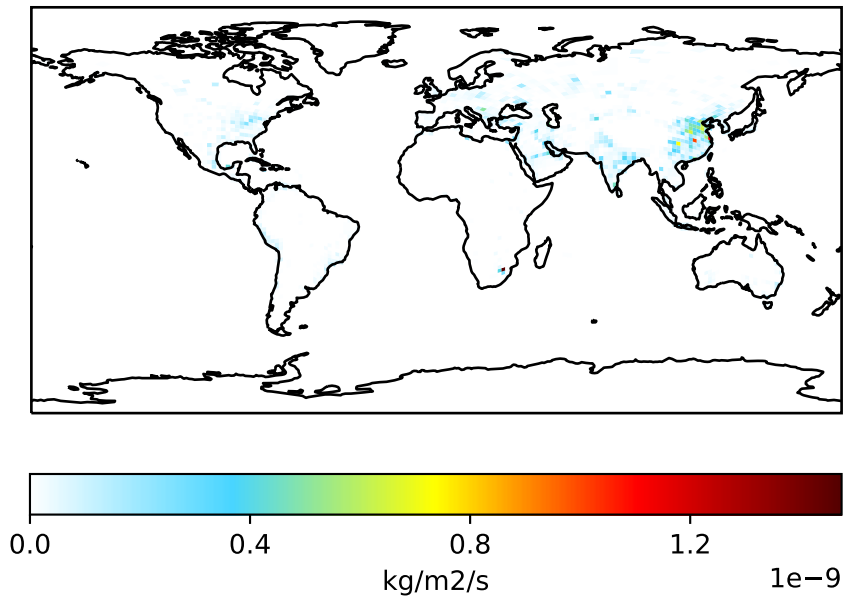


EmisSO2_Anthro

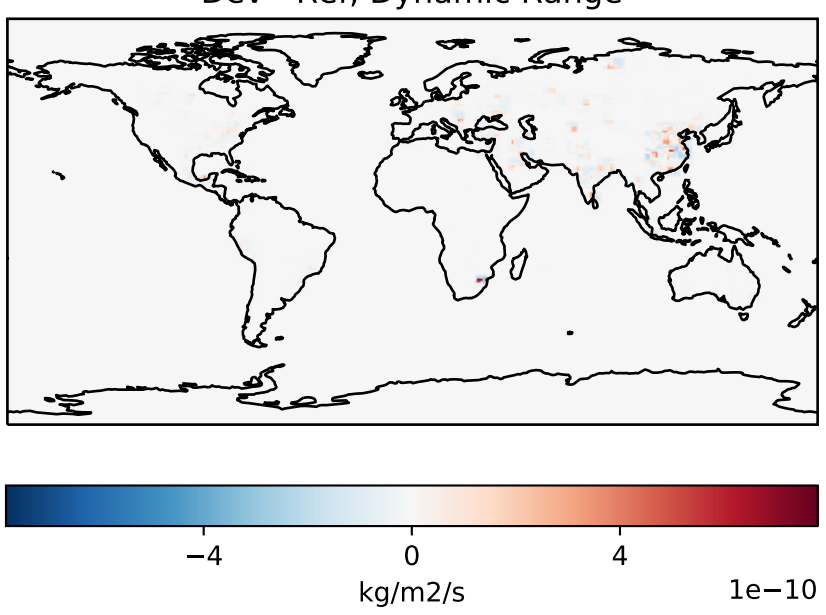
GC_12.8.0 (Ref)
4.0x5.0



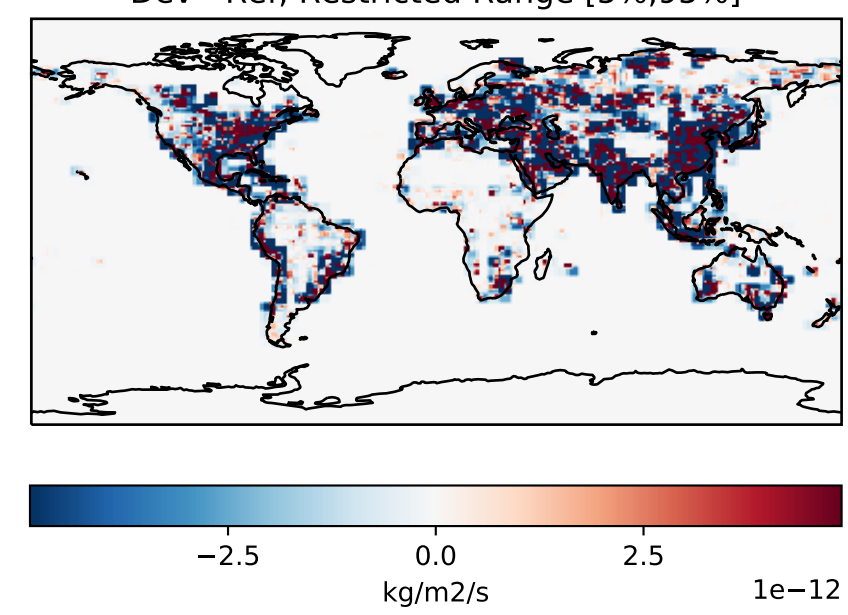
GCHP_12.8.0 (Dev)
c48



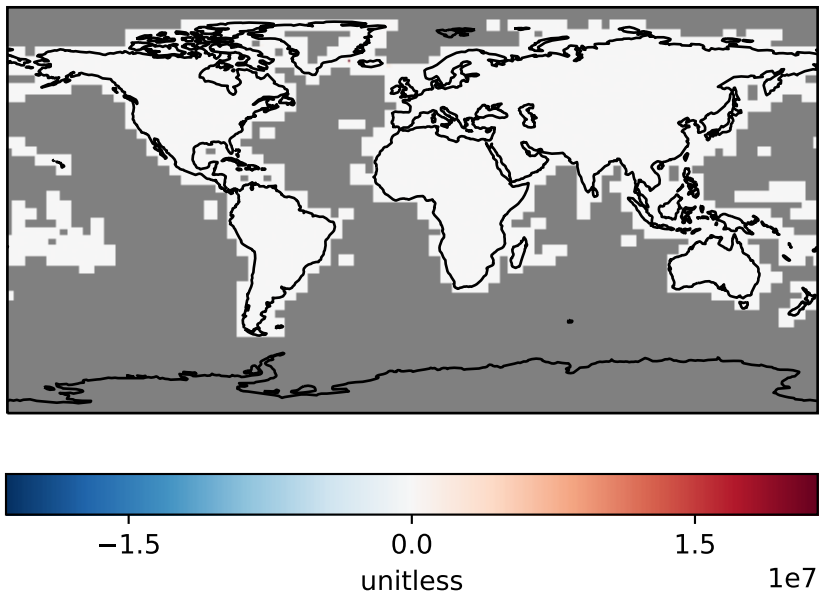
Difference (1x1.25)
Dev - Ref, Dynamic Range



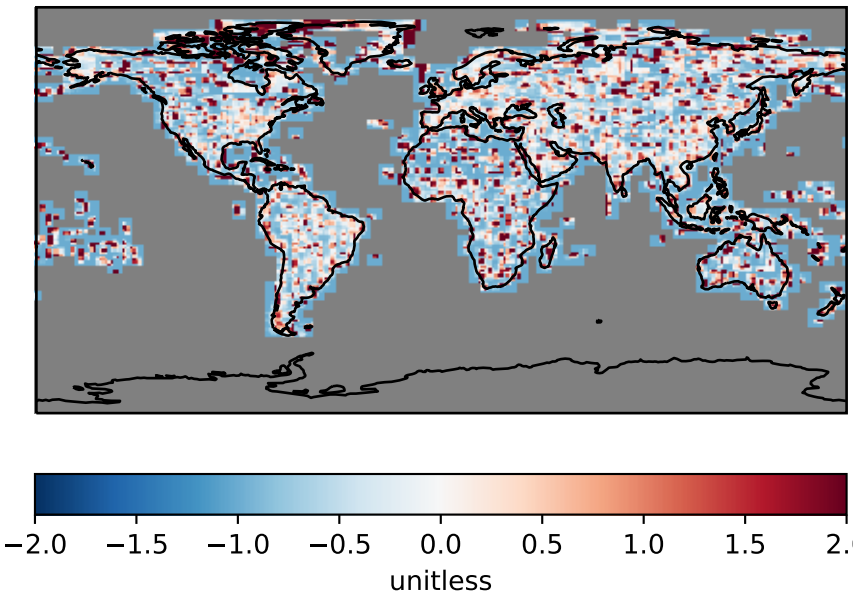
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

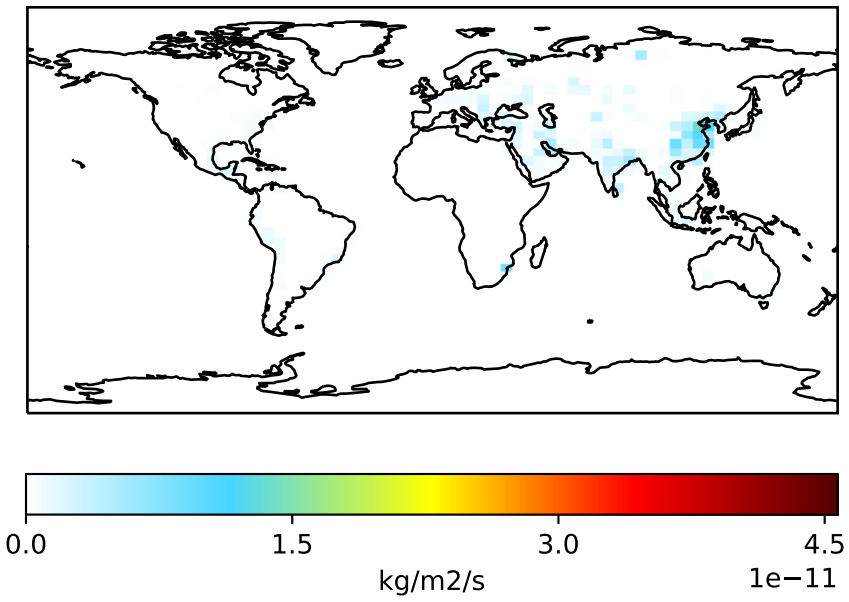


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

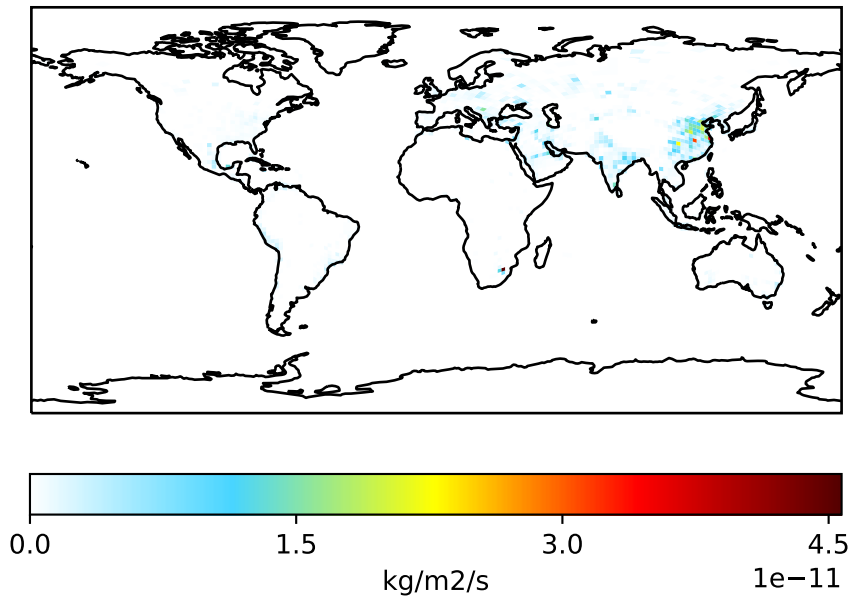


EmisSO4_Anthro

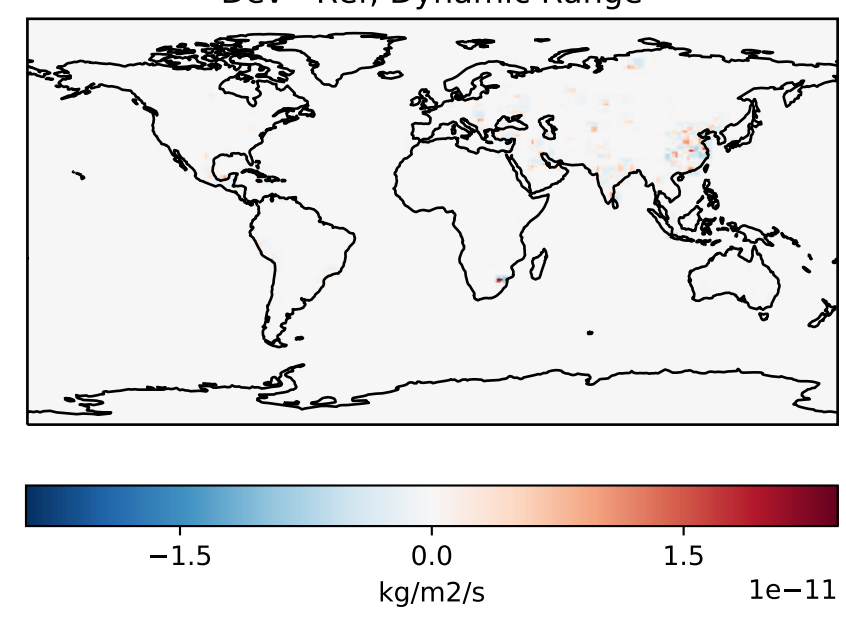
GC_12.8.0 (Ref)
4.0x5.0



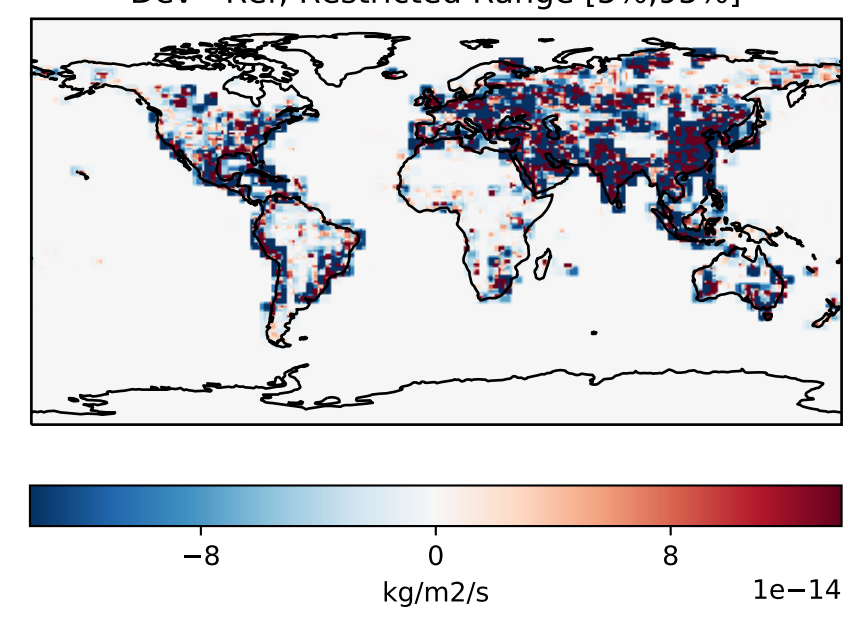
GCHP_12.8.0 (Dev)
c48



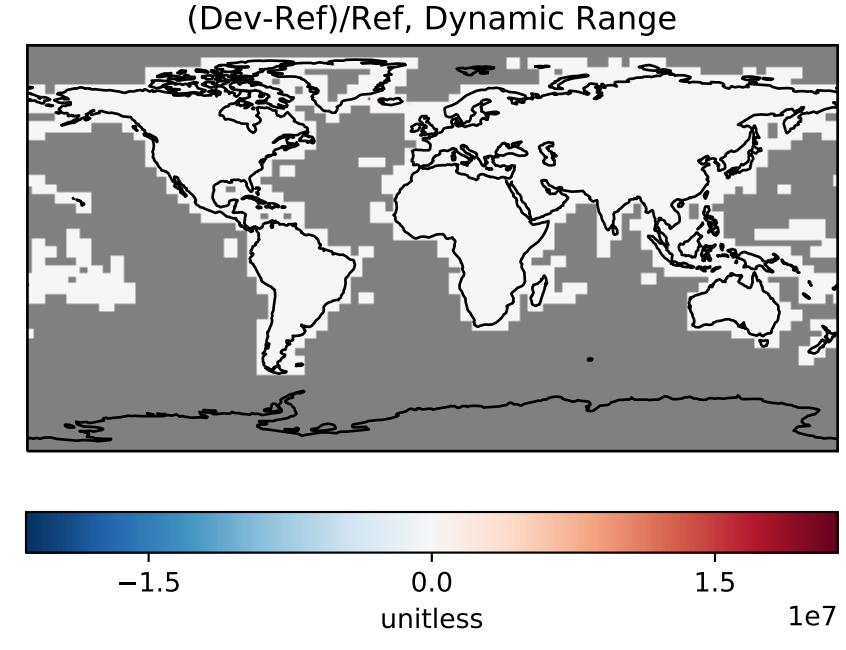
Difference (1x1.25)
Dev - Ref, Dynamic Range



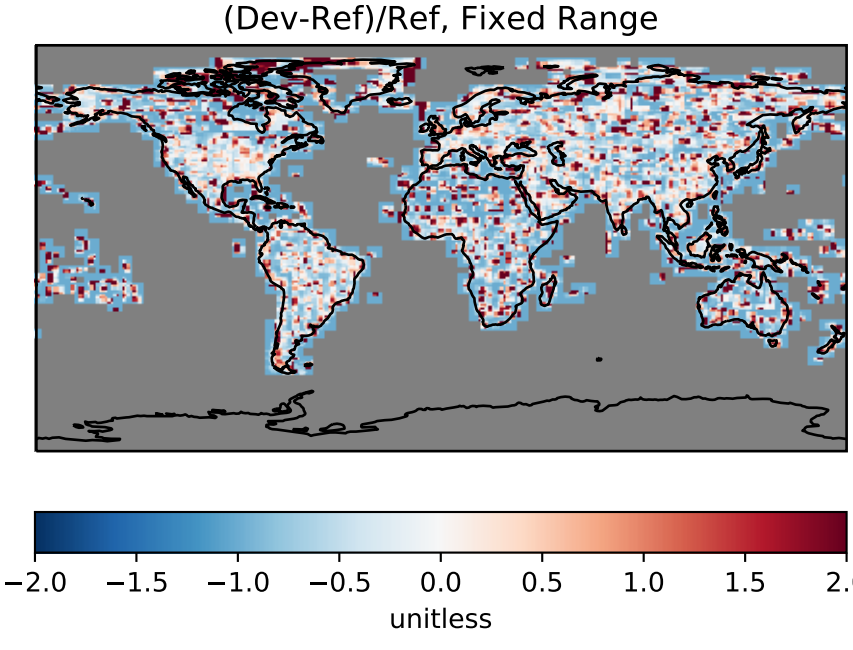
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

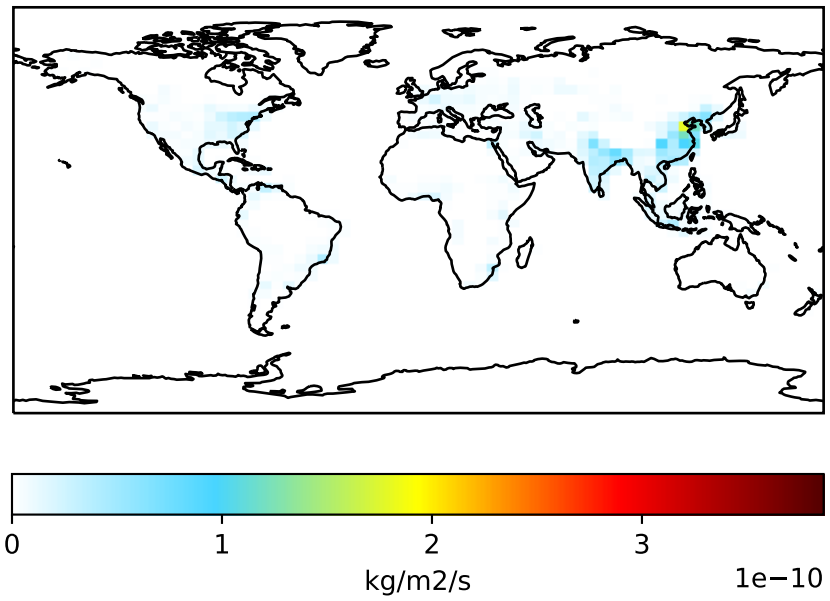


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

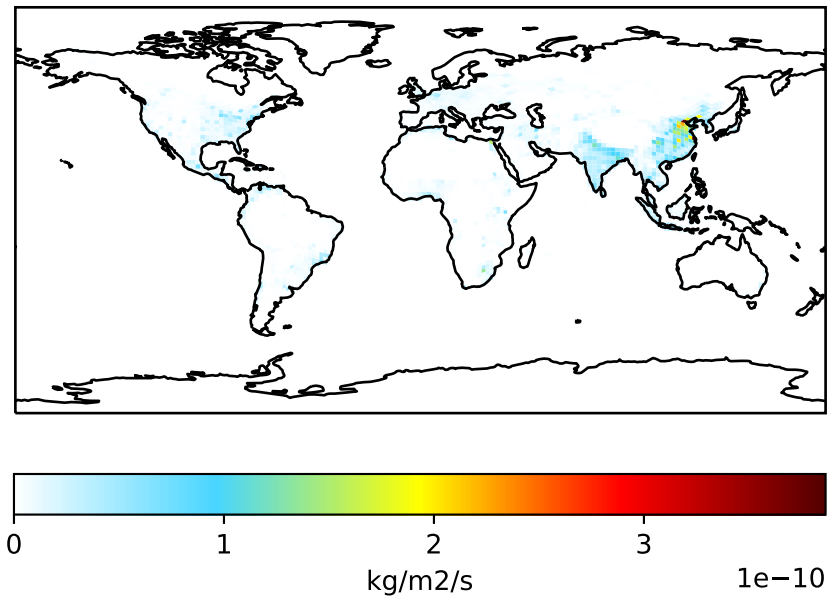


EmisSOAP_Anthro

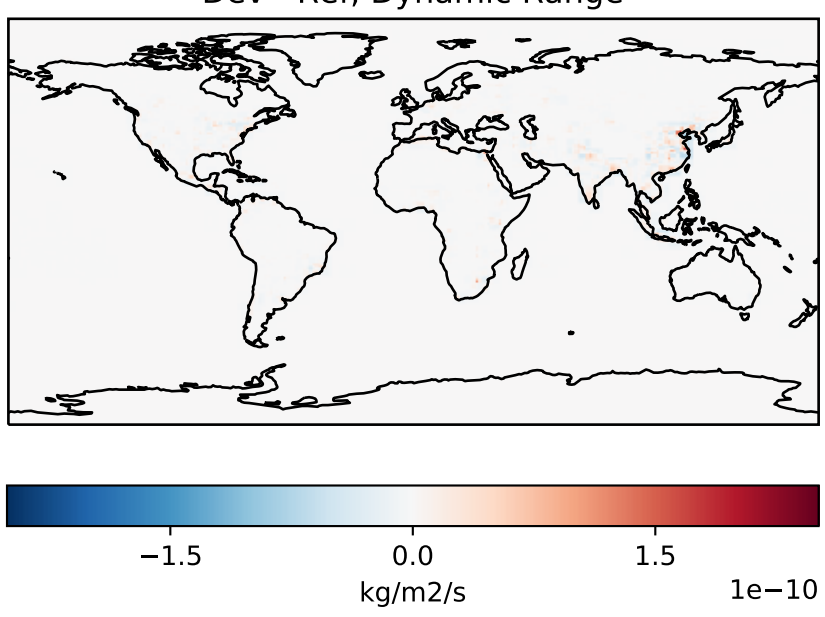
GC_12.8.0 (Ref)
4.0x5.0



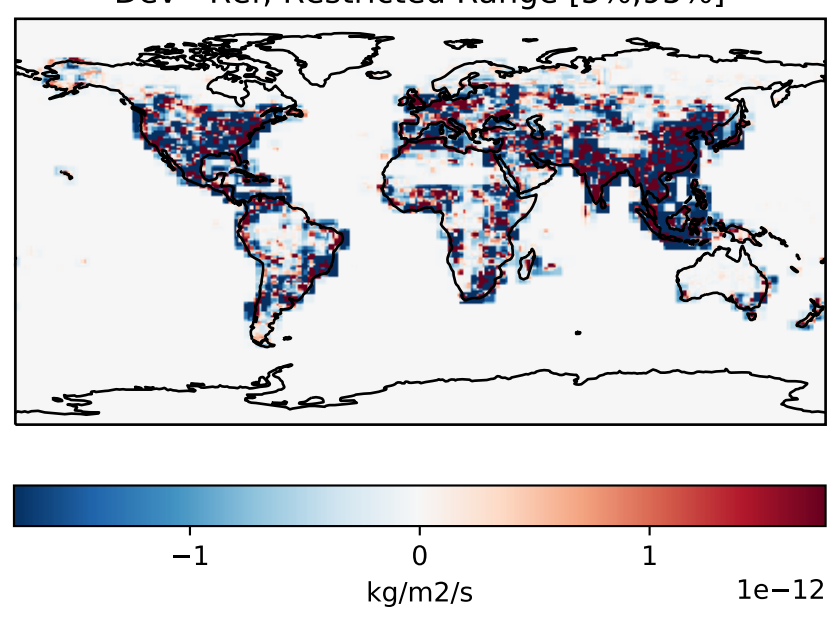
GCHP_12.8.0 (Dev)
c48



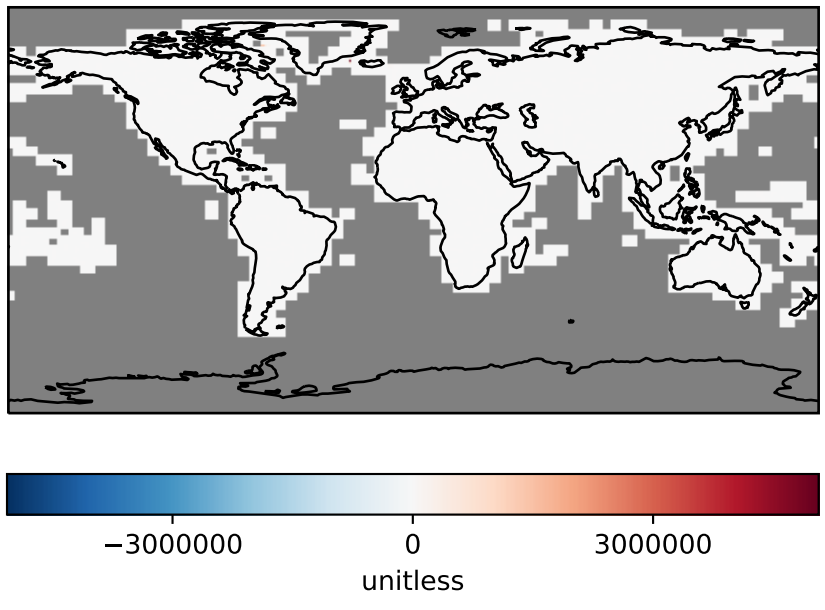
Difference (1x1.25)
Dev - Ref, Dynamic Range



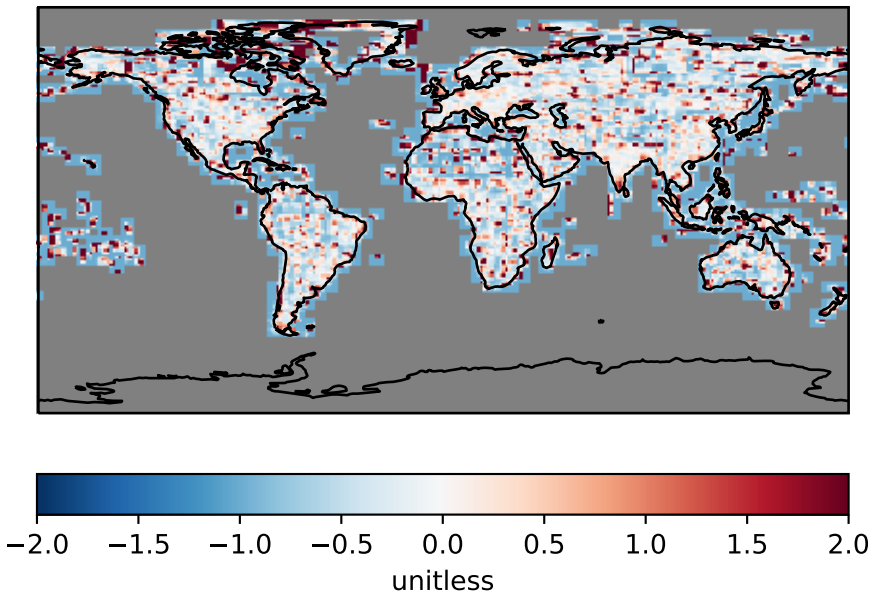
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

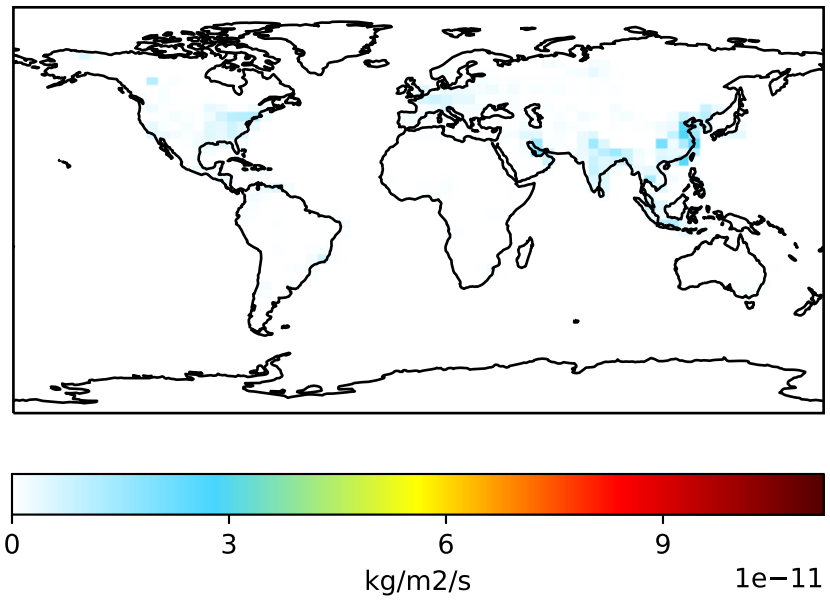


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

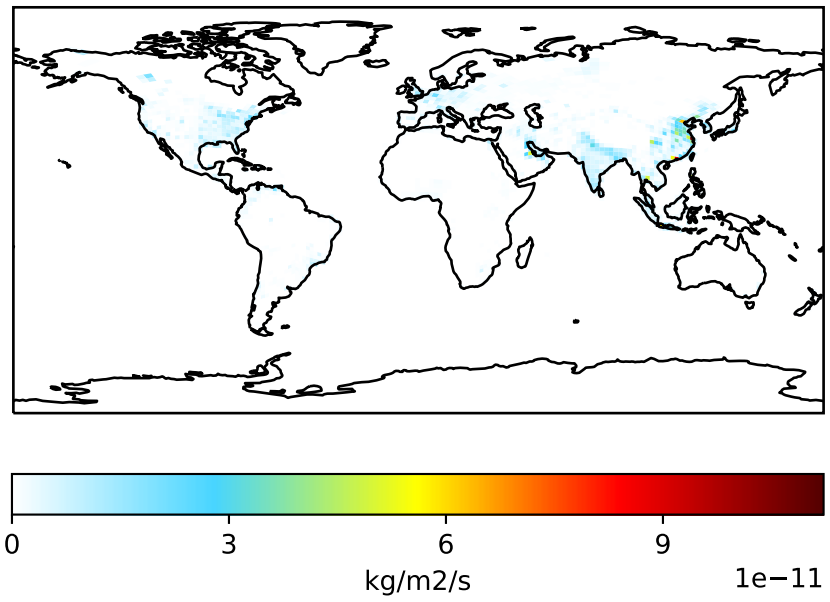


EmisTOLU_Anthro

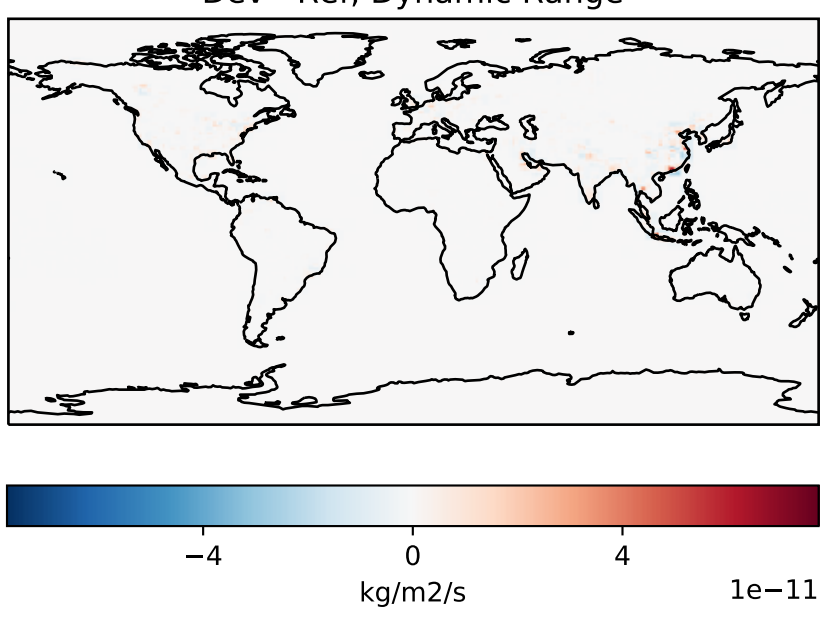
GC_12.8.0 (Ref)
4.0x5.0



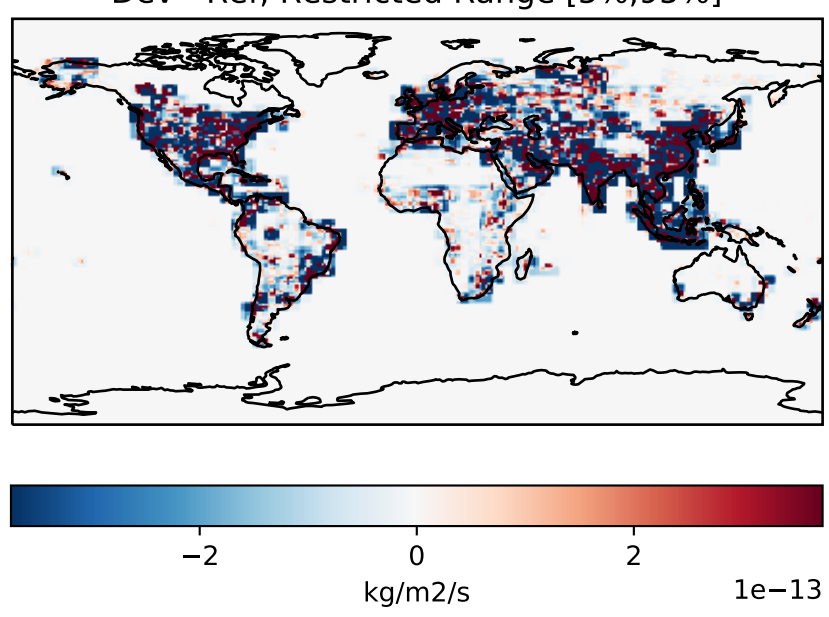
GCHP_12.8.0 (Dev)
c48



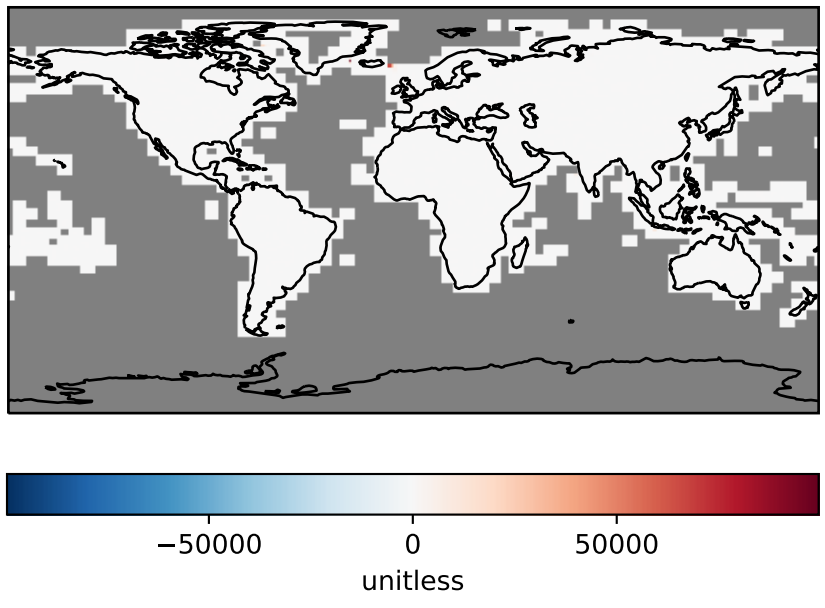
Difference (1x1.25)
Dev - Ref, Dynamic Range



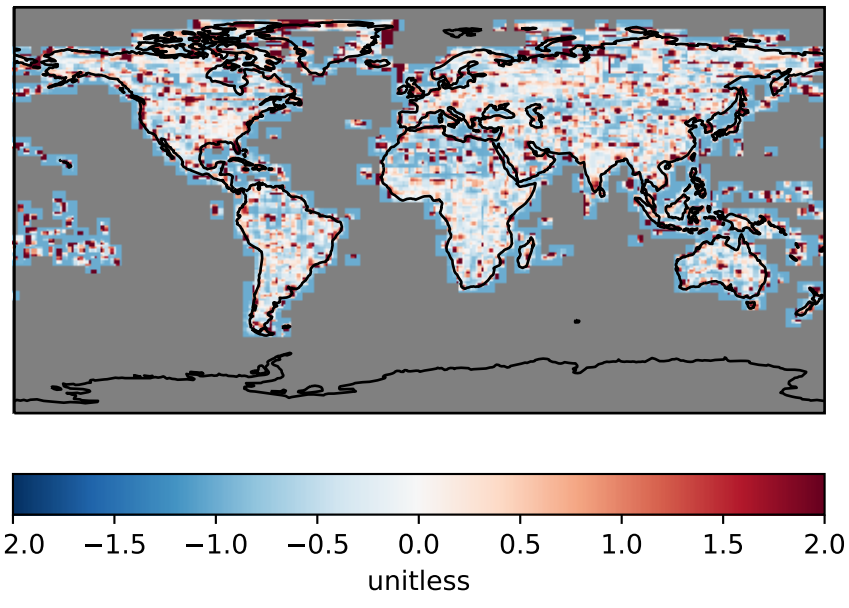
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

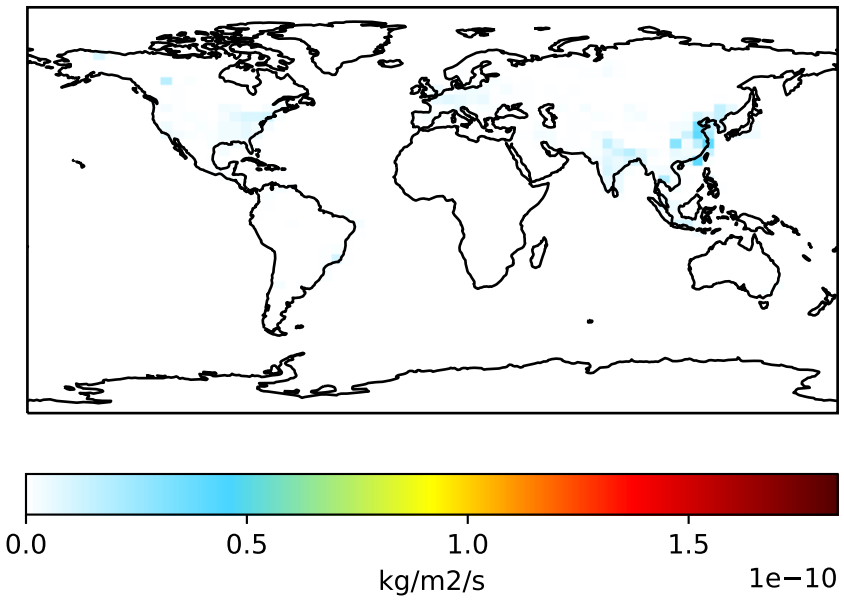


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

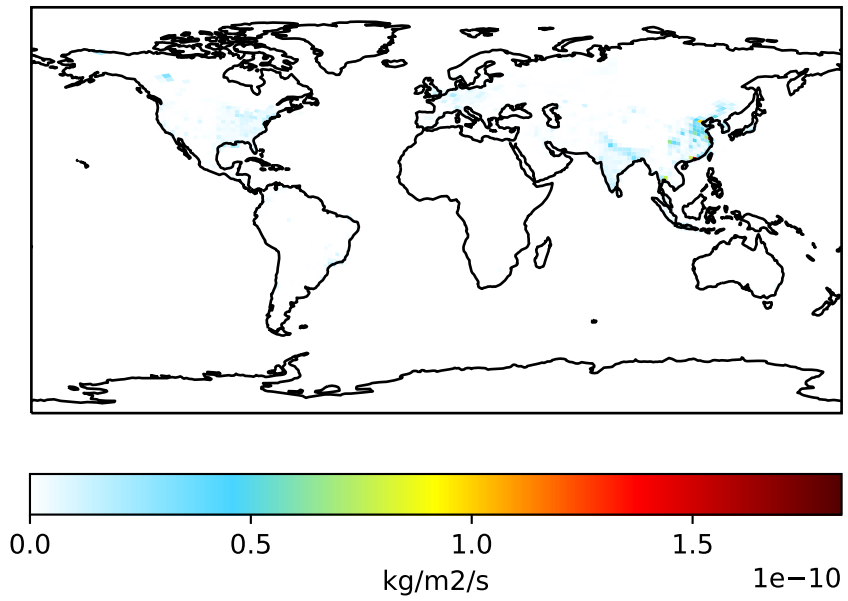


EmisXYLE_Anthro

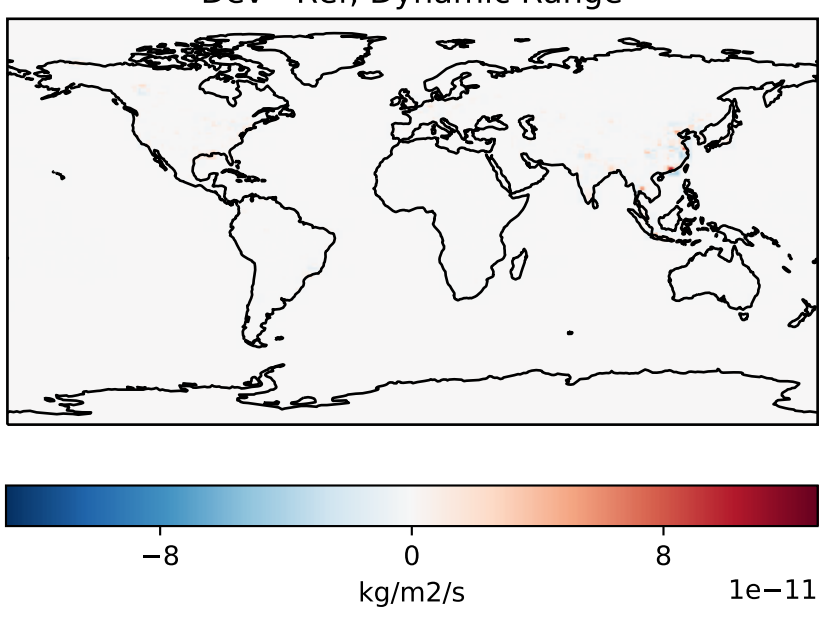
GC_12.8.0 (Ref)
4.0x5.0



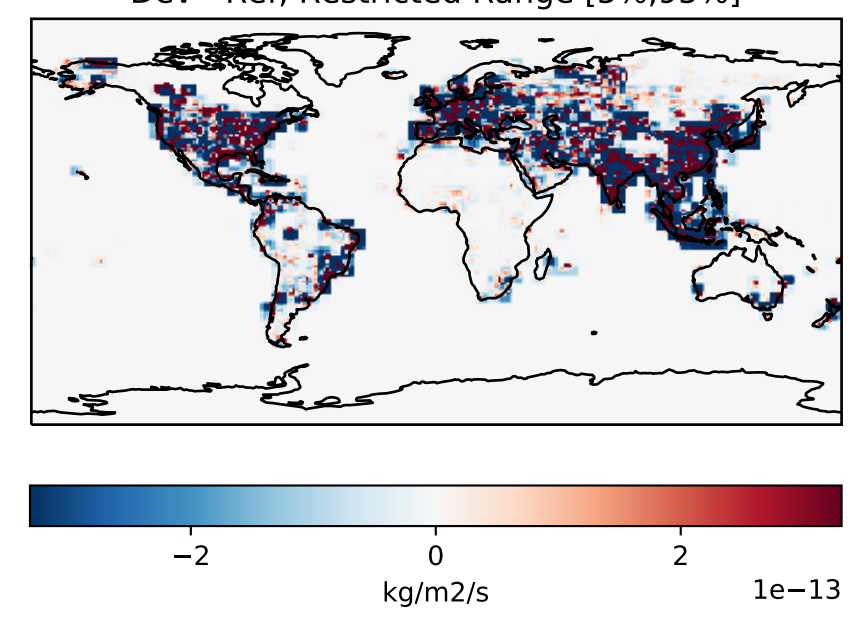
GCHP_12.8.0 (Dev)
c48



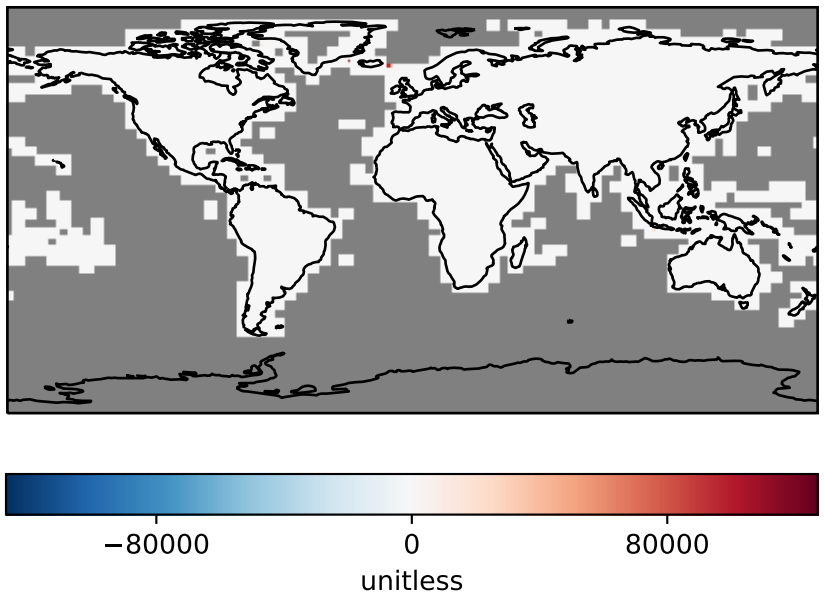
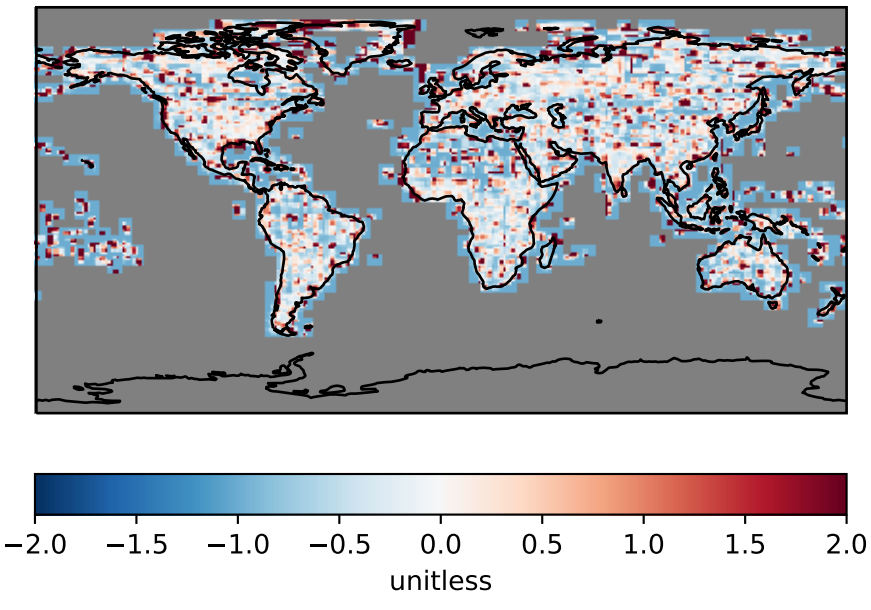
Difference (1x1.25)
Dev - Ref, Dynamic Range



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



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



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range