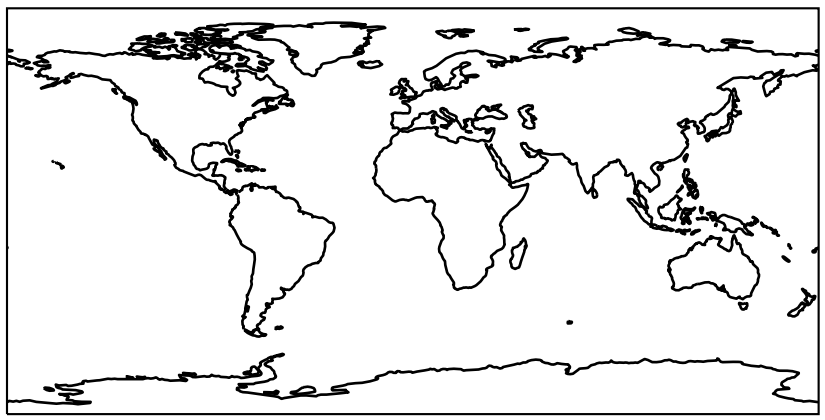
EmisACET_Anthro (Apr2019)

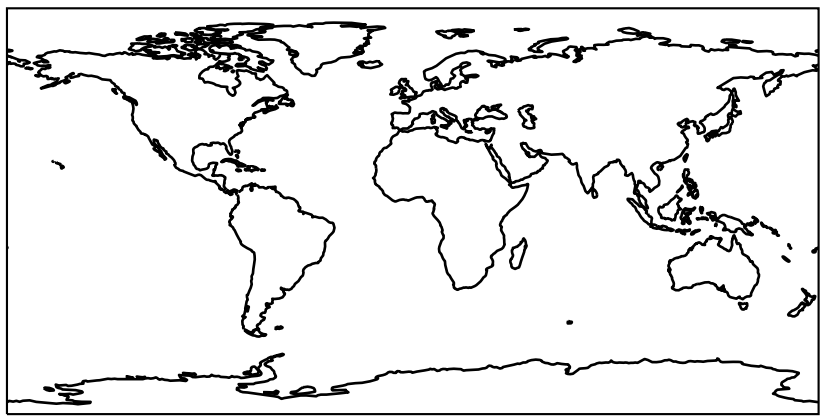
GCHP_13.0.0 (Ref)
c48





Zero throughout domain
kg/m2/s

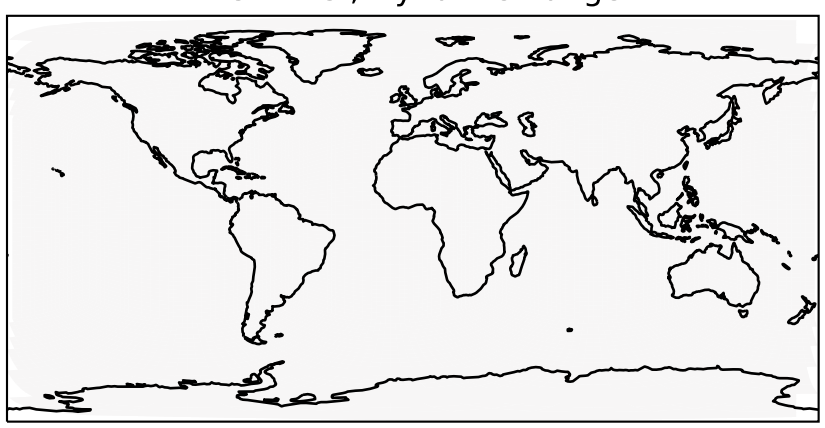
GCHP_13.2.0 (Dev)
c48





Zero throughout domain
kg/m2/s

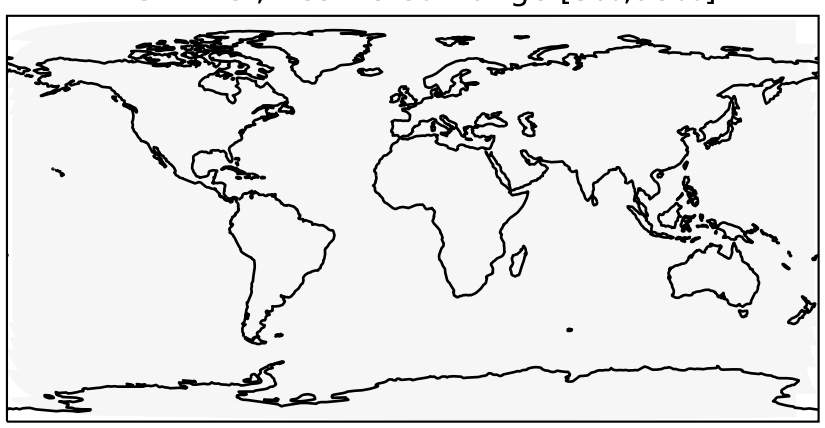
Difference
Dev - Ref, Dynamic Range





Zero throughout domain
kg/m2/s

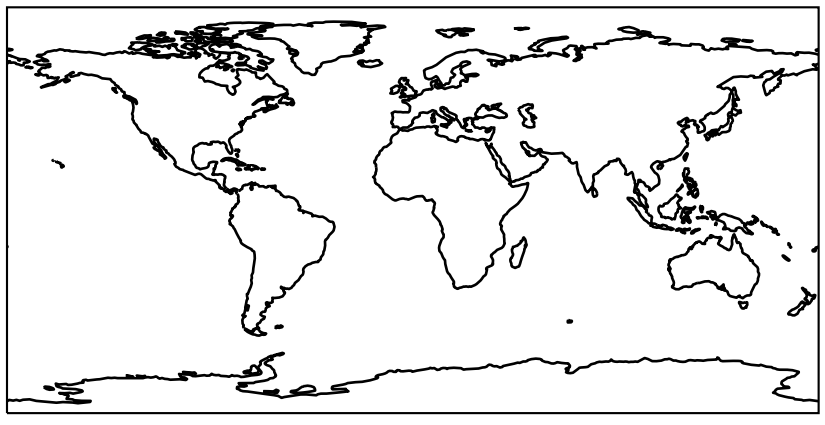
Difference
Dev - Ref, Restricted Range [5%,95%]





Zero throughout domain
kg/m2/s

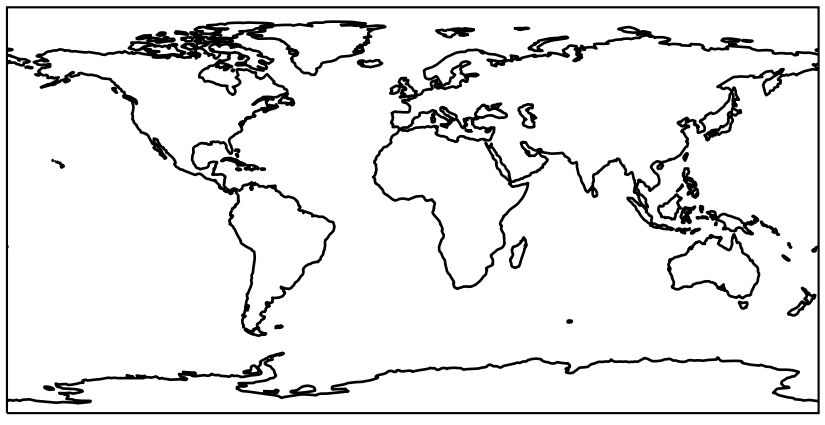
Ratio
Dev/Ref, Dynamic Range





Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range

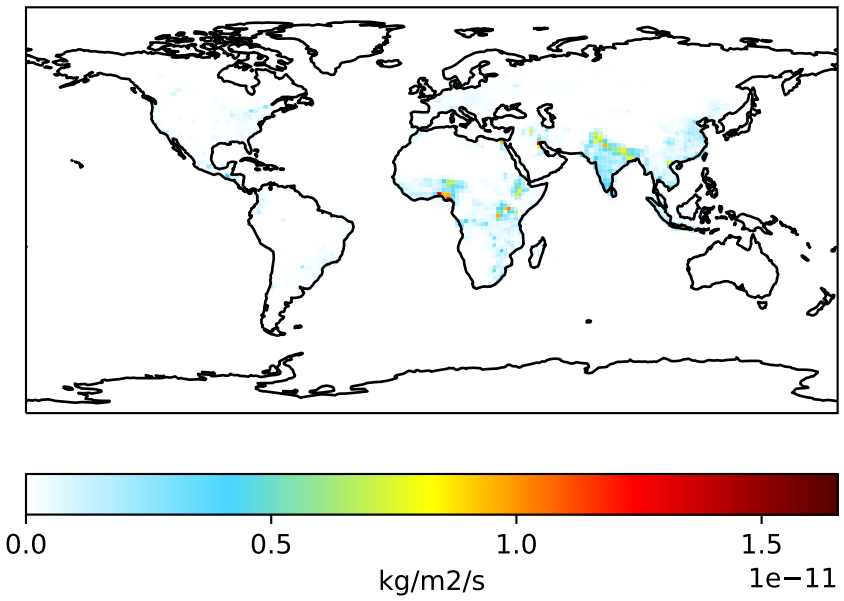




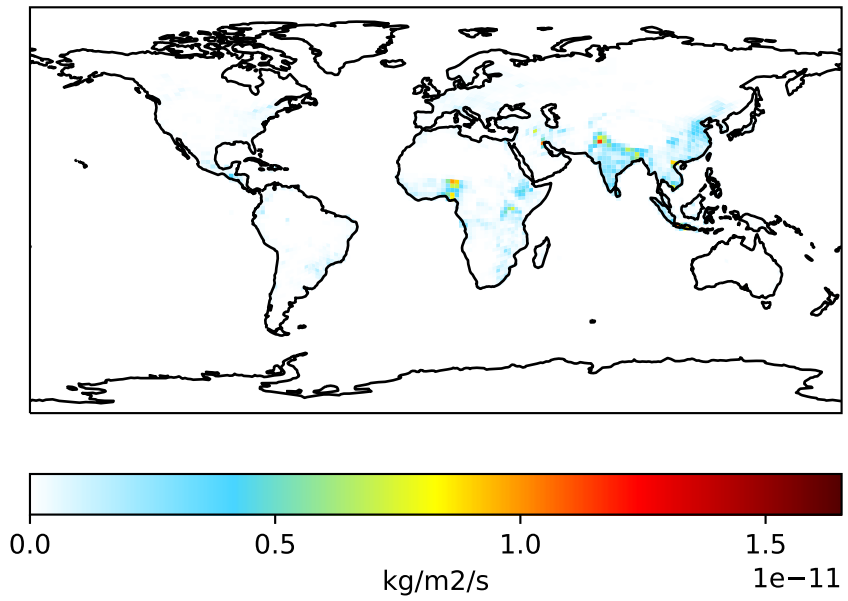
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unitless

EmisALD2_Anthro (Apr2019)

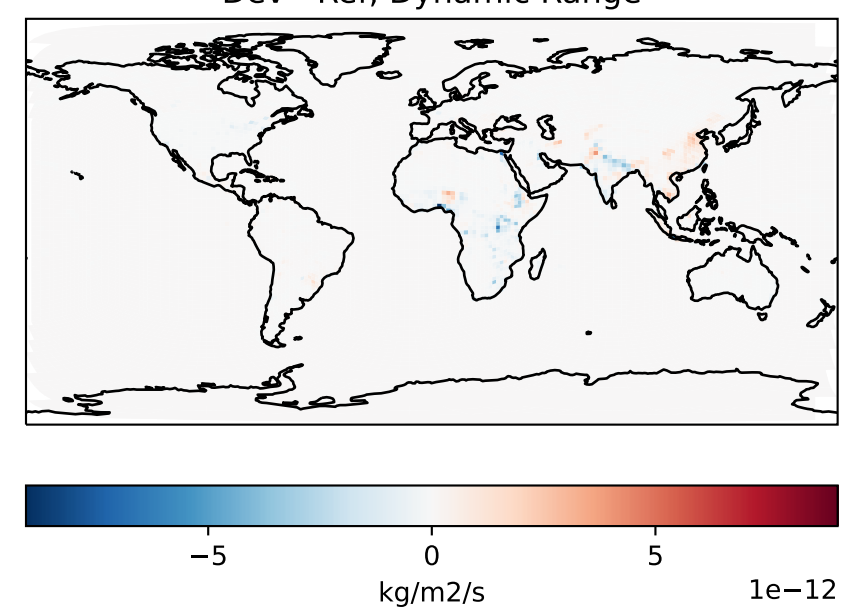
GCHP_13.0.0 (Ref)
c48



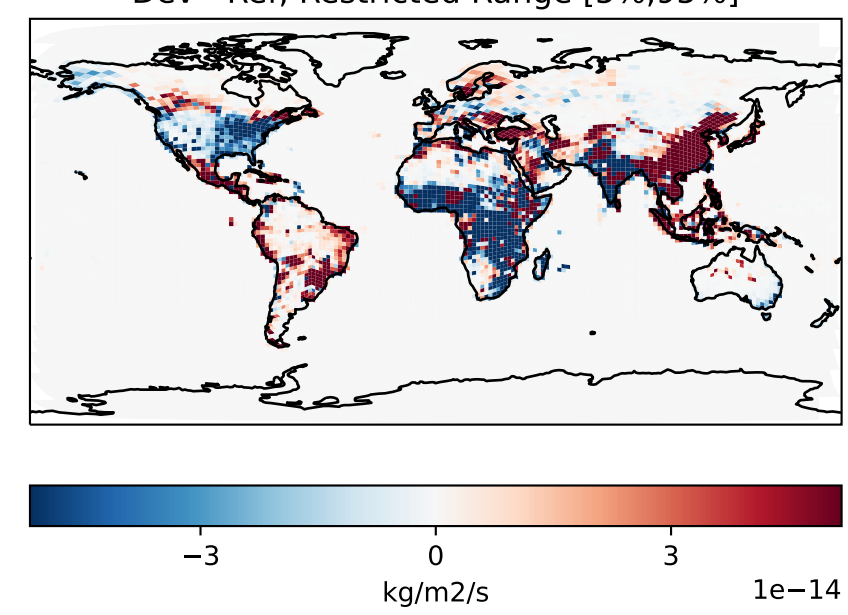
GCHP_13.2.0 (Dev)
c48



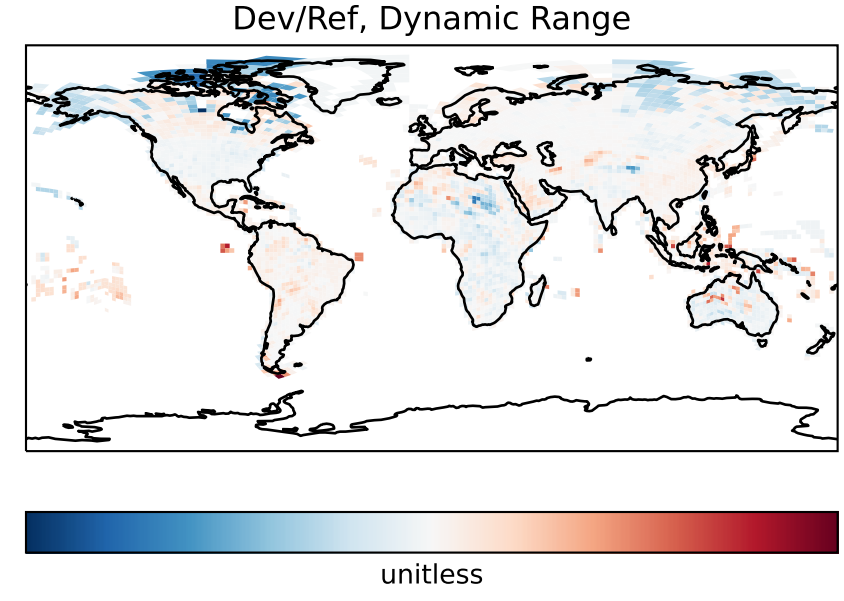
Difference
Dev - Ref, Dynamic Range



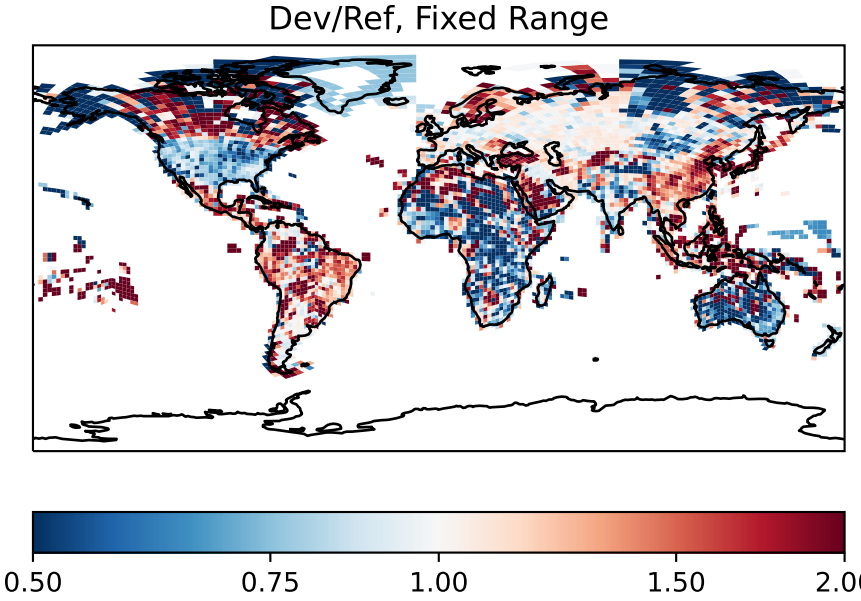
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

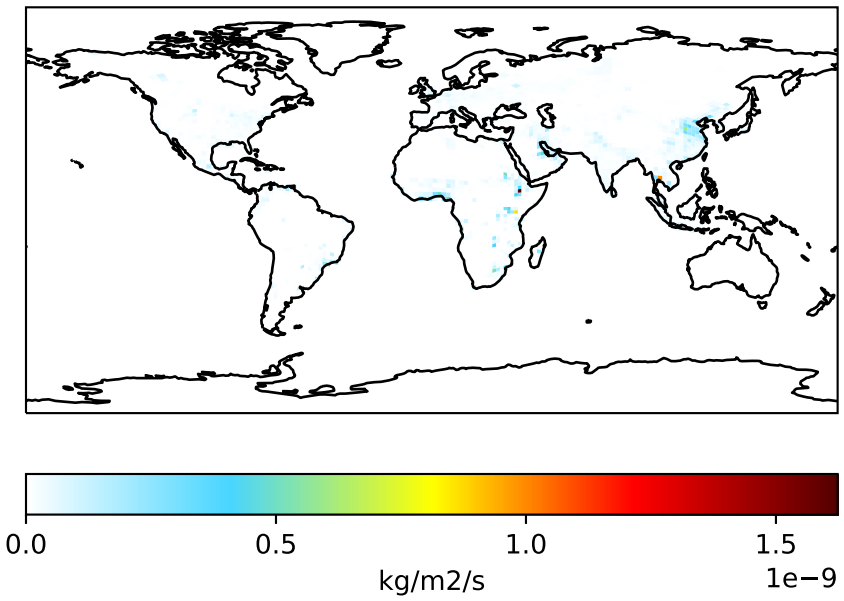


Ratio
Dev/Ref, Fixed Range

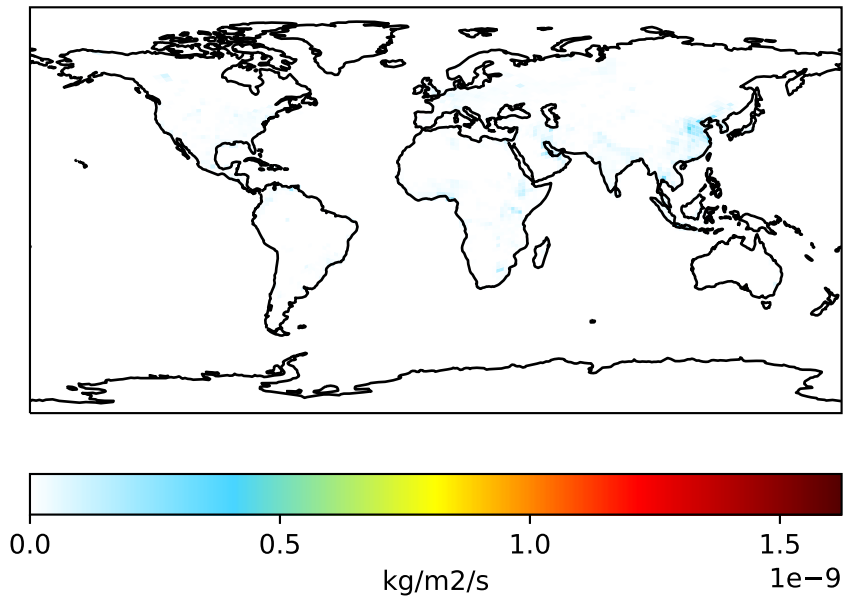


EmisALK4_Anthro (Apr2019)

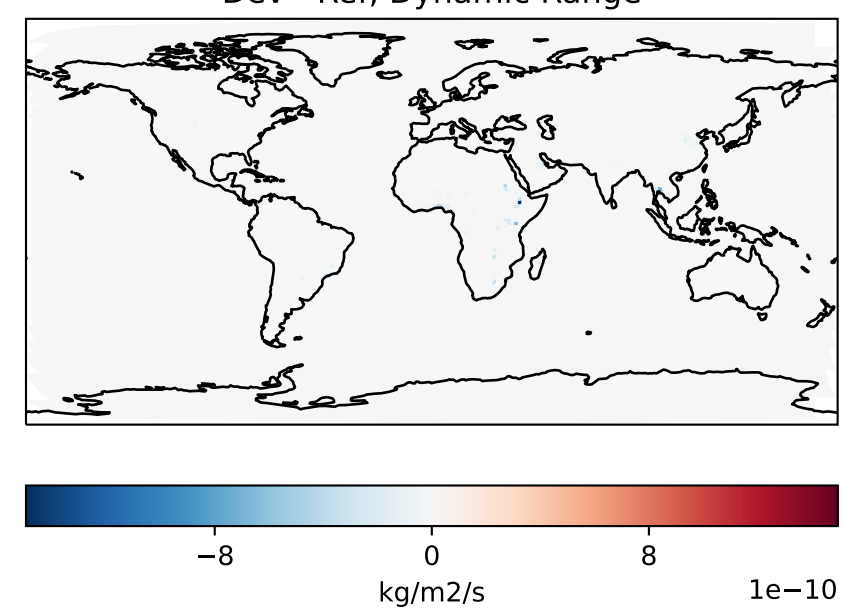
GCHP_13.0.0 (Ref)
c48



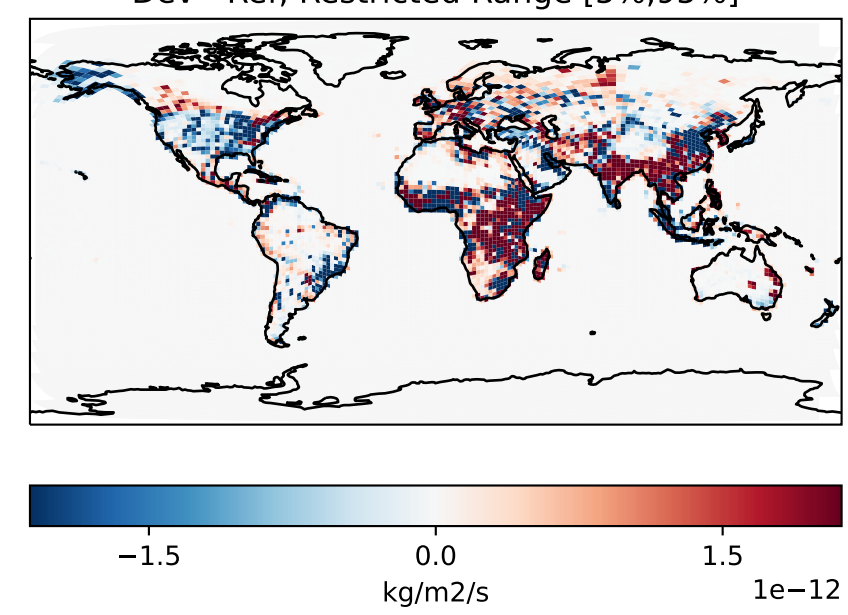
GCHP_13.2.0 (Dev)
c48



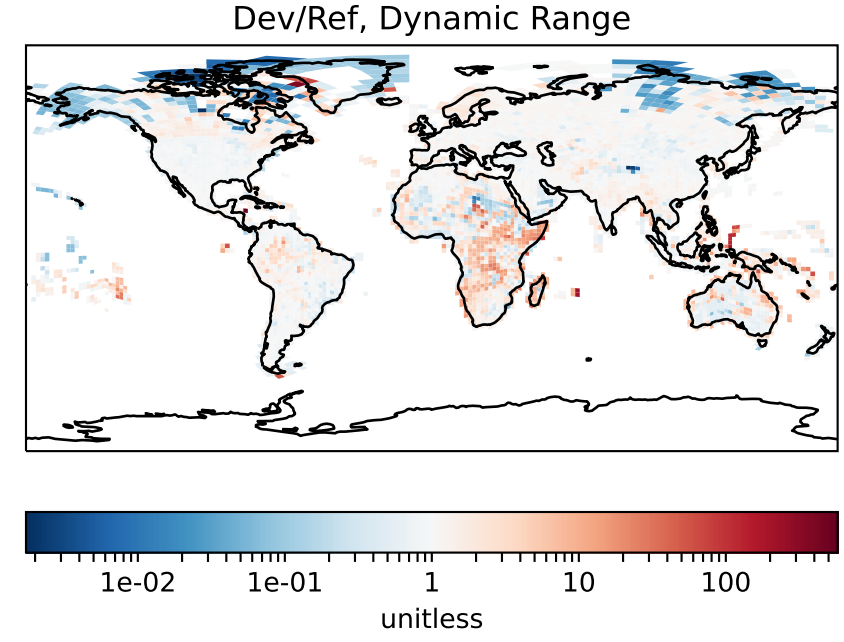
Difference
Dev - Ref, Dynamic Range



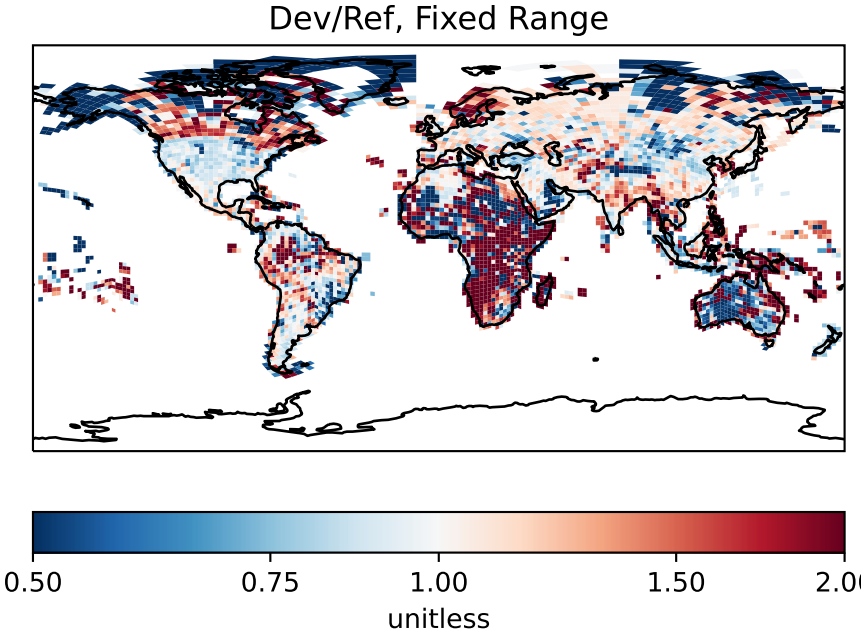
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

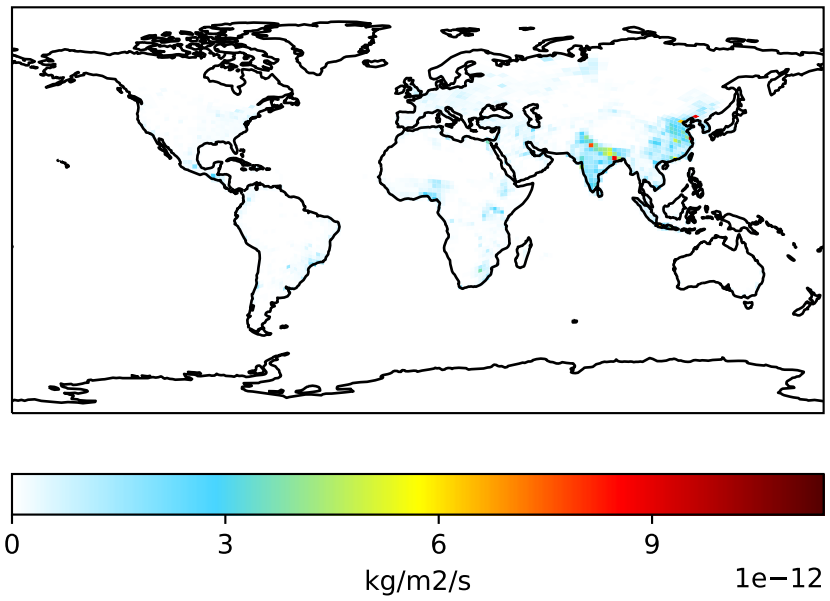


Ratio
Dev/Ref, Fixed Range

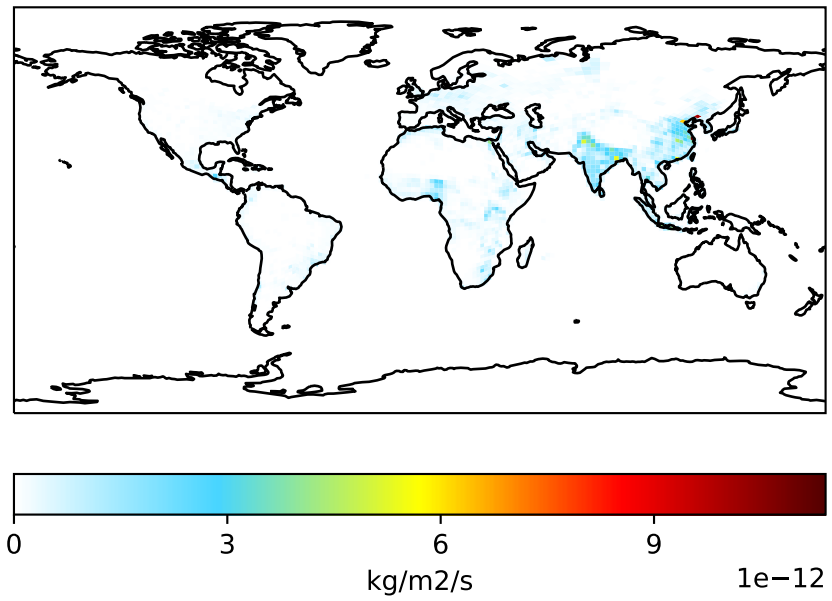


EmisBCPI_Anthro (Apr2019)

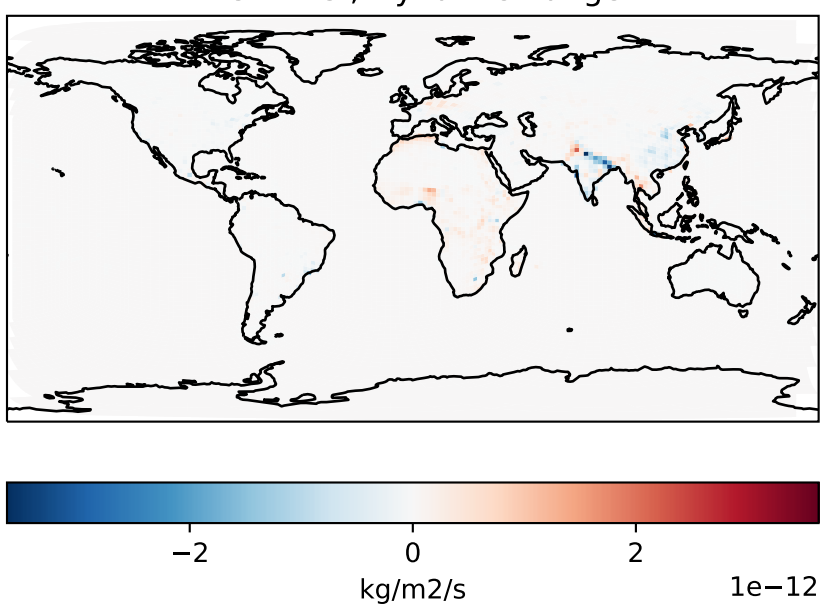
GCHP_13.0.0 (Ref)
c48



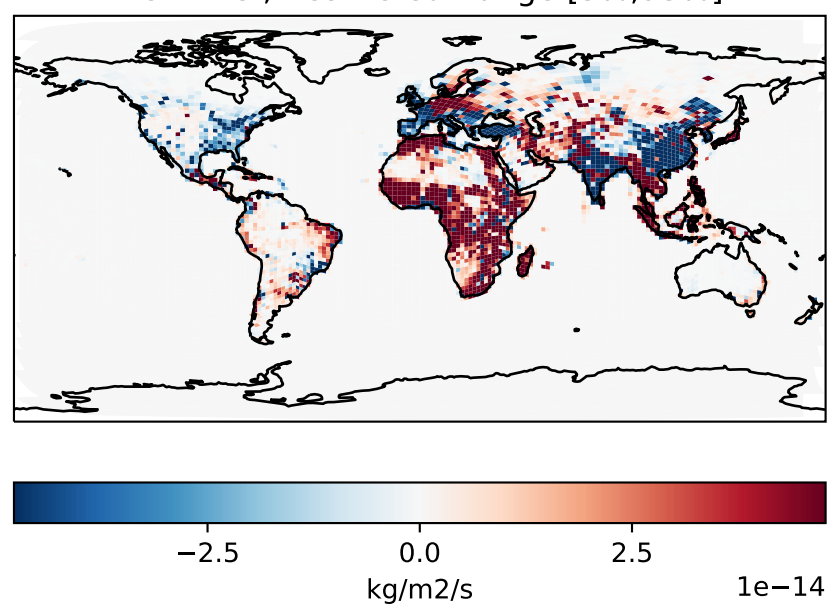
GCHP_13.2.0 (Dev)
c48



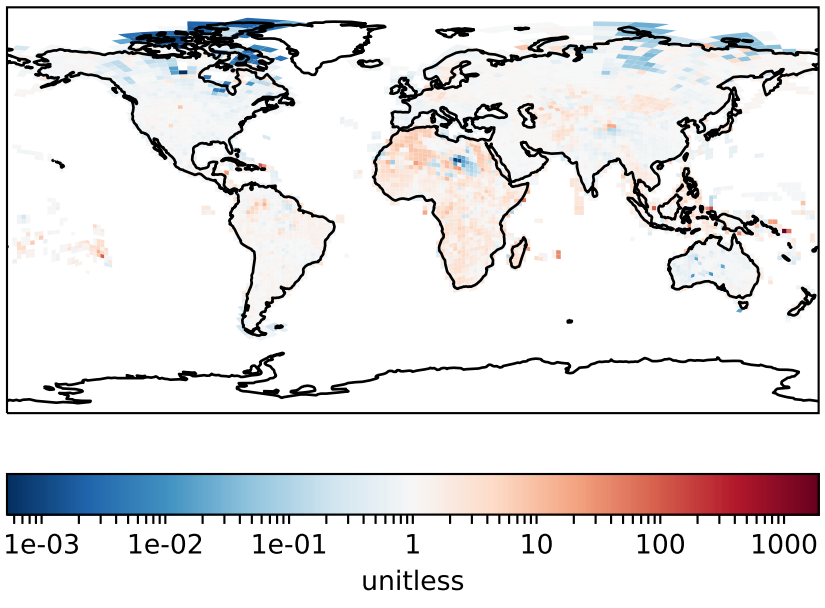
Difference
Dev - Ref, Dynamic Range



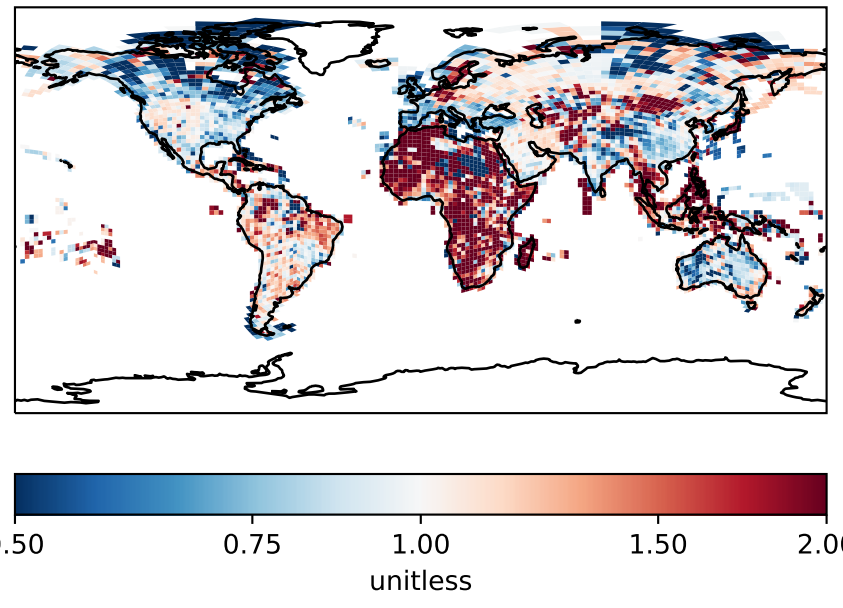
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

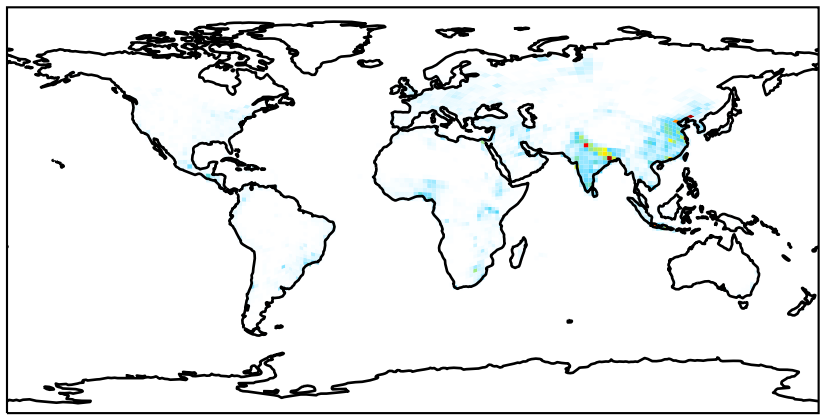


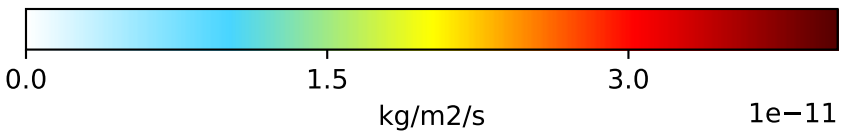
Ratio
Dev/Ref, Fixed Range



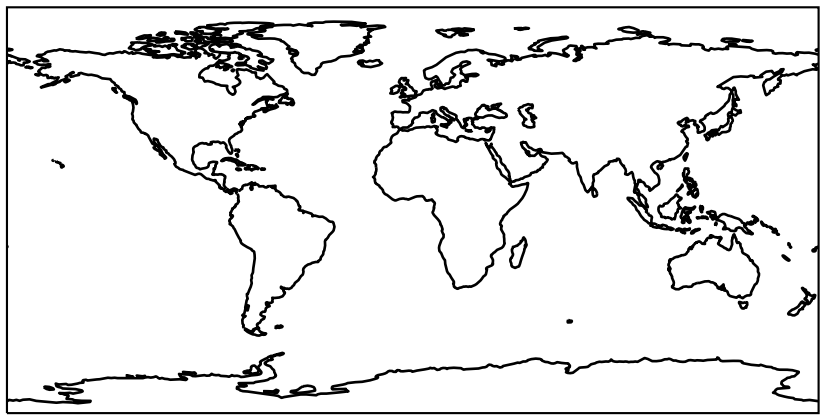
EmisBCPO_Anthro (Apr2019)

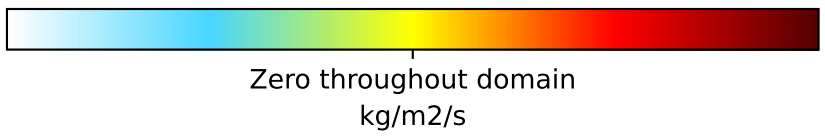
GCHP_13.0.0 (Ref)
c48



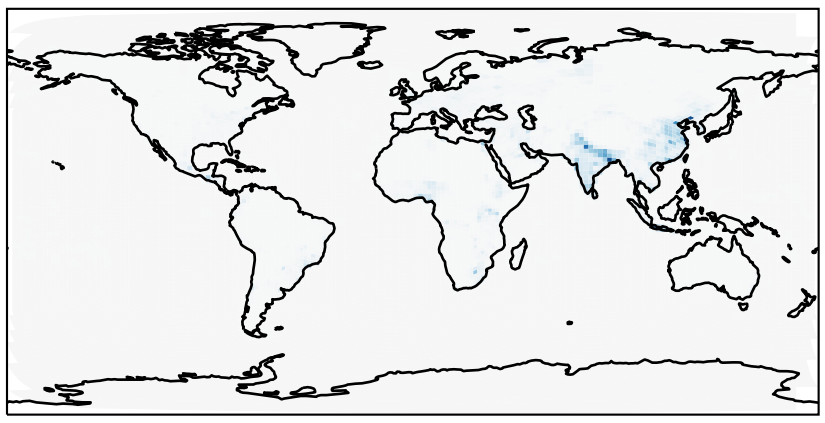


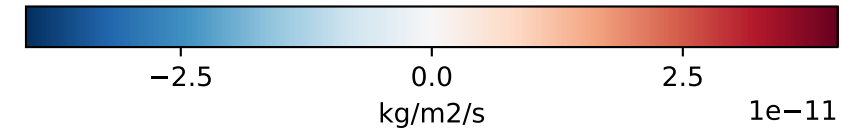
GCHP_13.2.0 (Dev)
c48



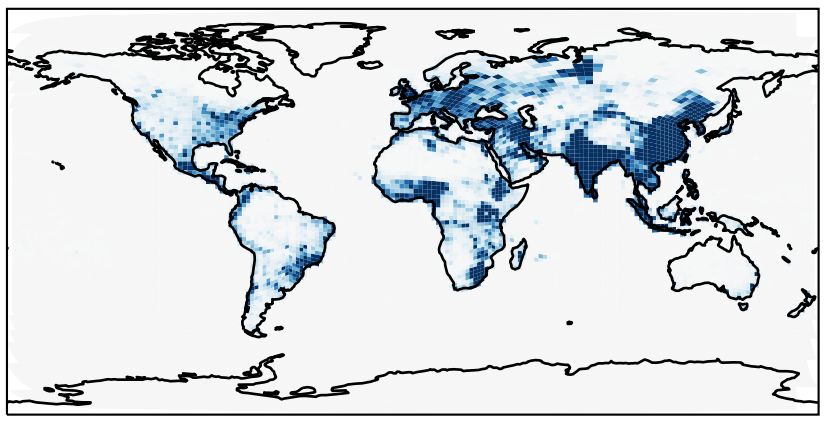


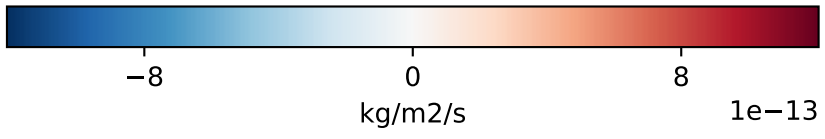
Difference
Dev - Ref, Dynamic Range



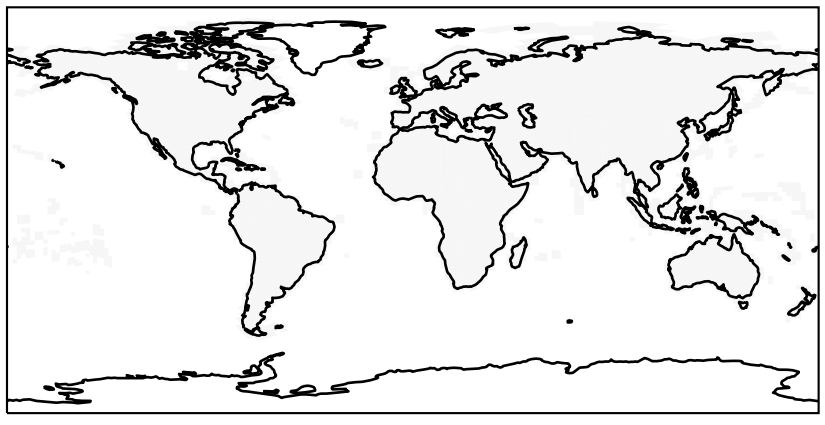


Difference
Dev - Ref, Restricted Range [5%,95%]



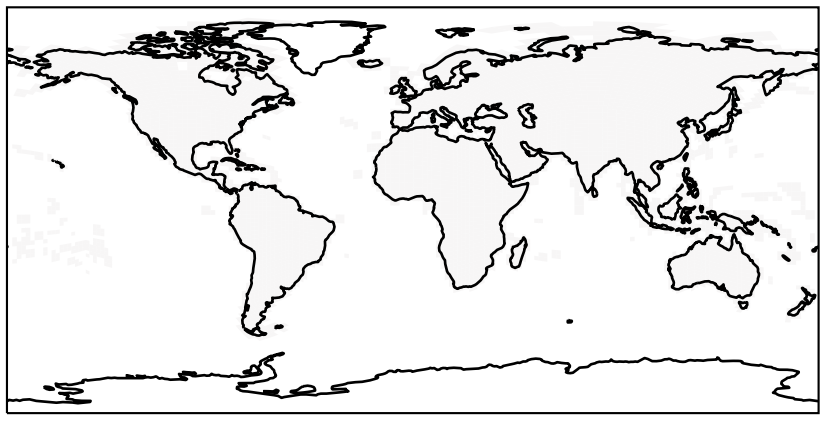


Ratio
Dev/Ref, Dynamic Range





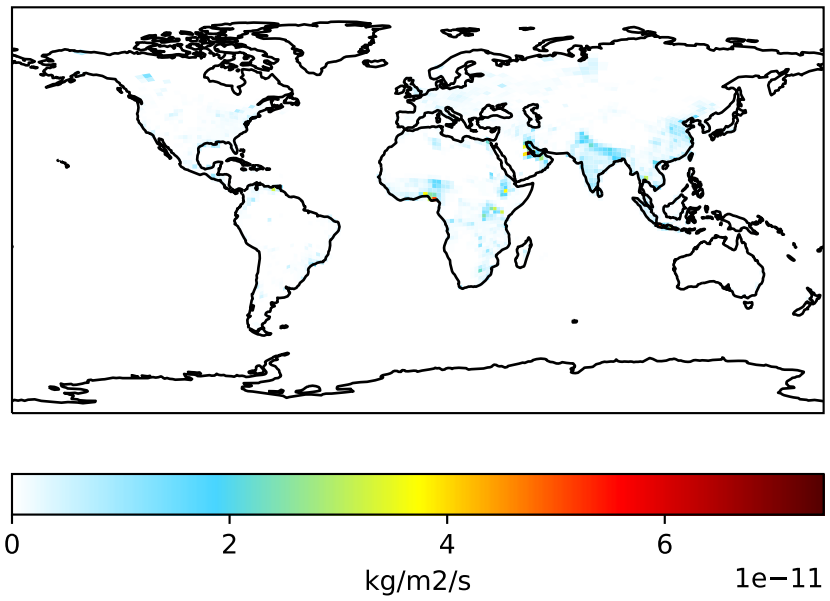
Ratio
Dev/Ref, Fixed Range



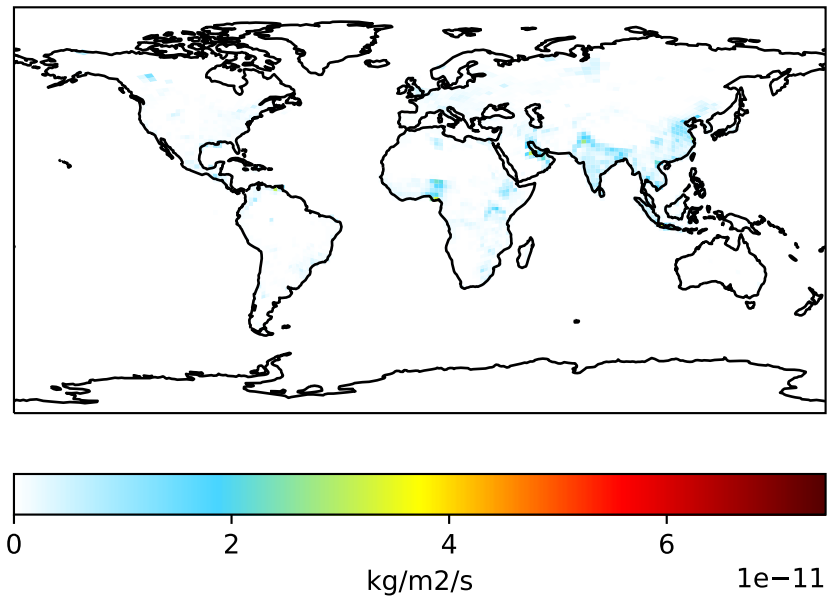


EmisBENZ_Anthro (Apr2019)

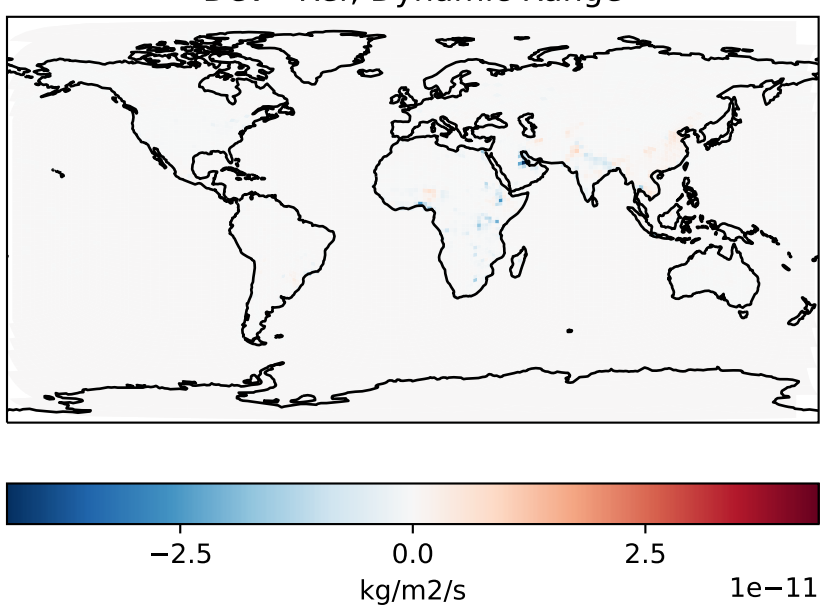
GCHP_13.0.0 (Ref)
c48



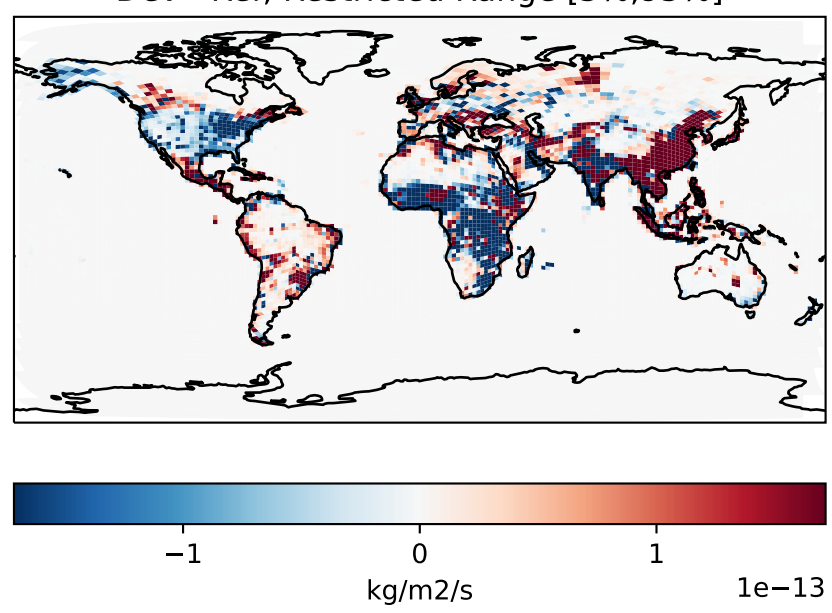
GCHP_13.2.0 (Dev)
c48



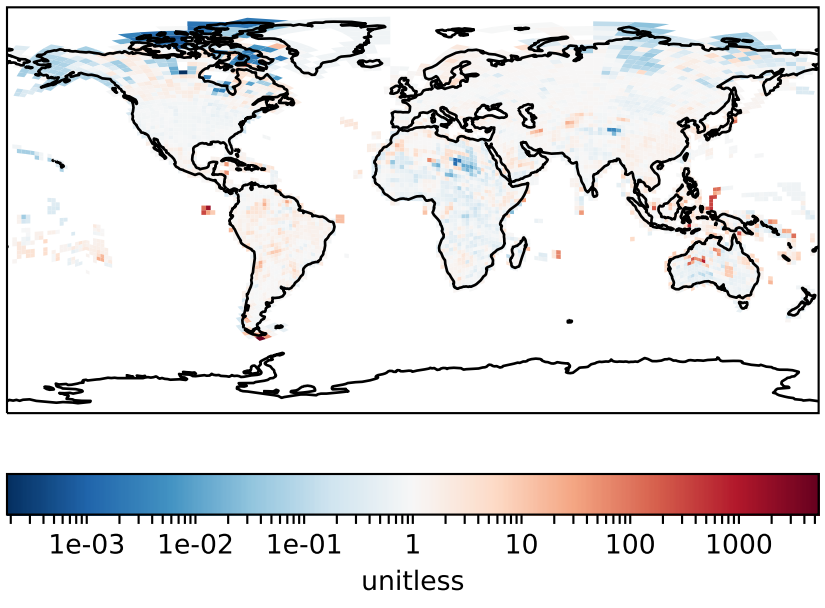
Difference
Dev - Ref, Dynamic Range



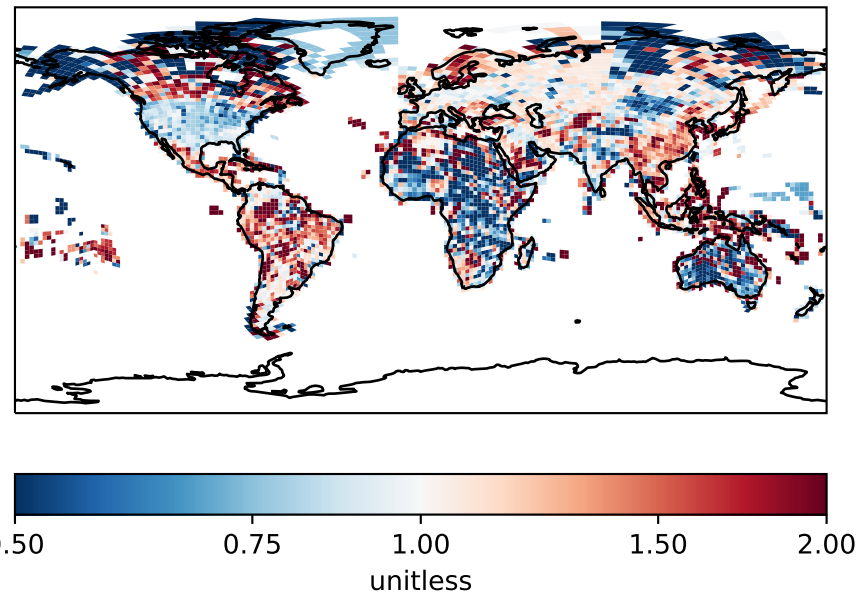
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

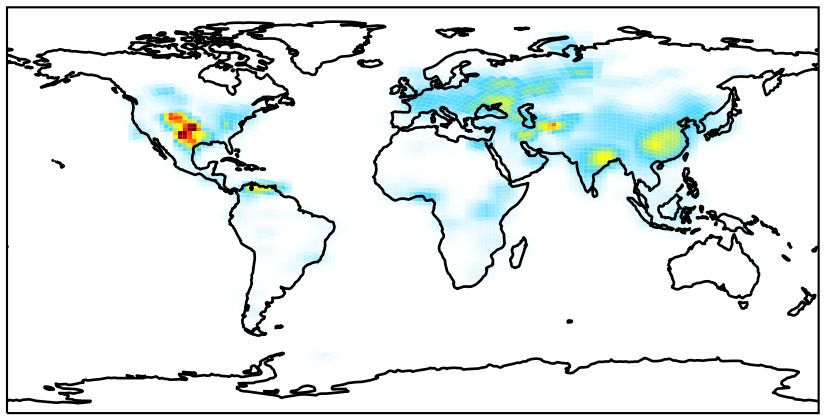


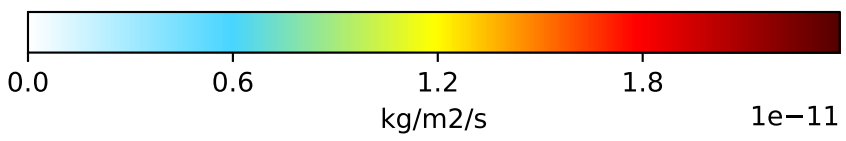
Ratio
Dev/Ref, Fixed Range



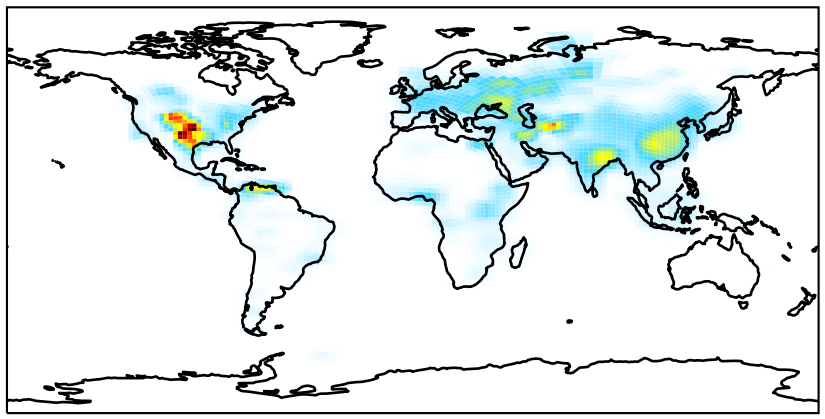
EmisC2H6_Anthro (Apr2019)

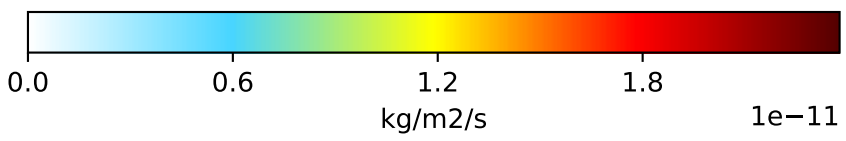
GCHP_13.0.0 (Ref)
c48



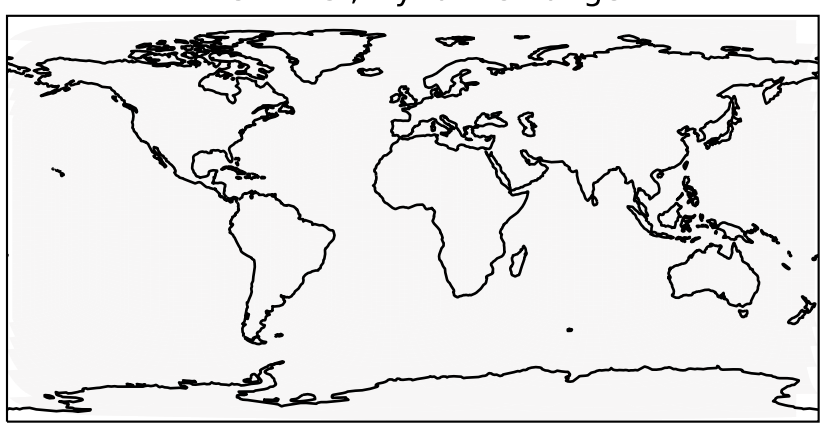


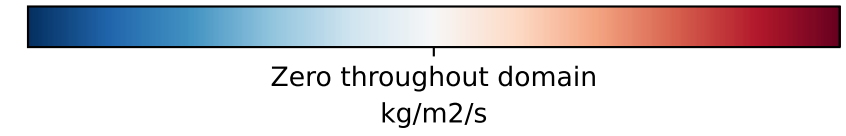
GCHP_13.2.0 (Dev)
c48



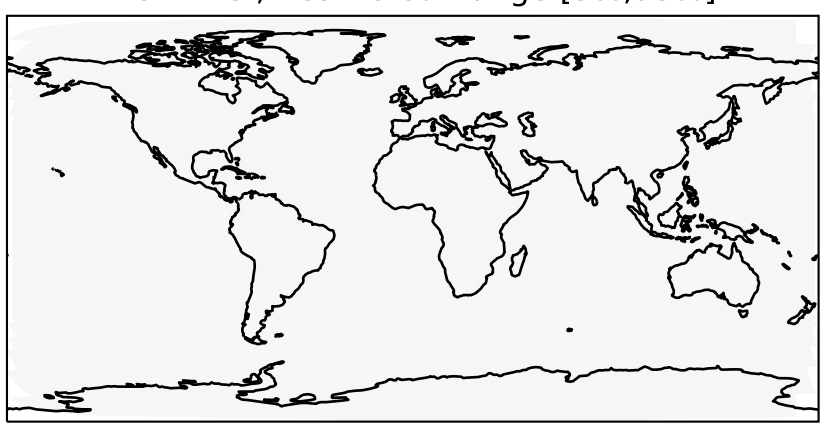


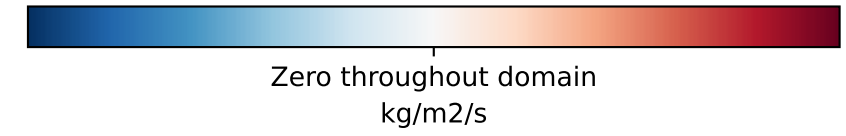
Difference
Dev - Ref, Dynamic Range



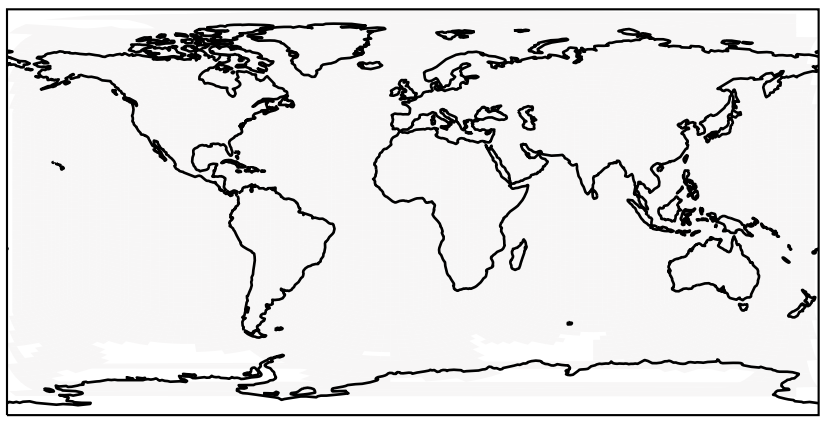


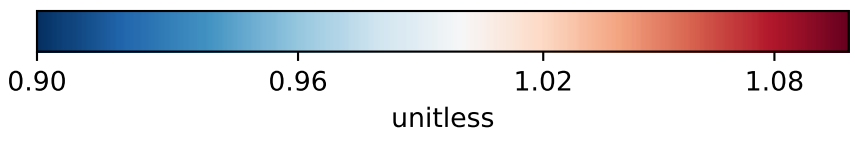
Difference
Dev - Ref, Restricted Range [5%,95%]



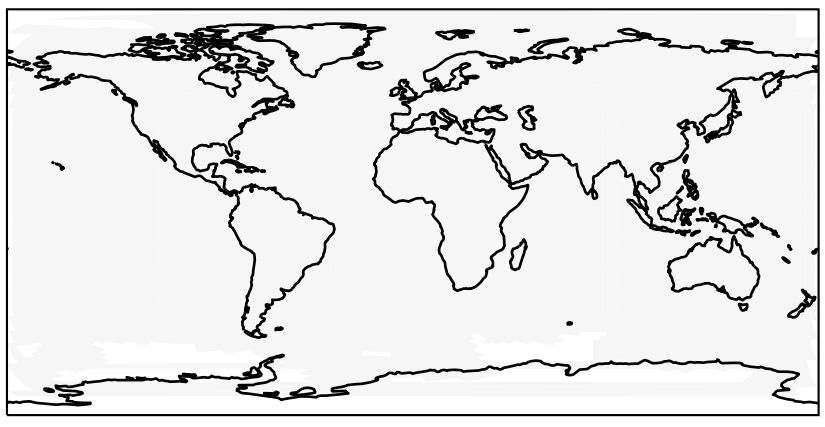


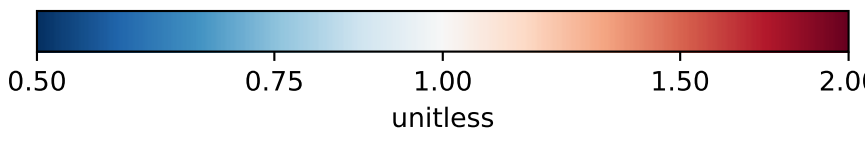
Ratio
Dev/Ref, Dynamic Range





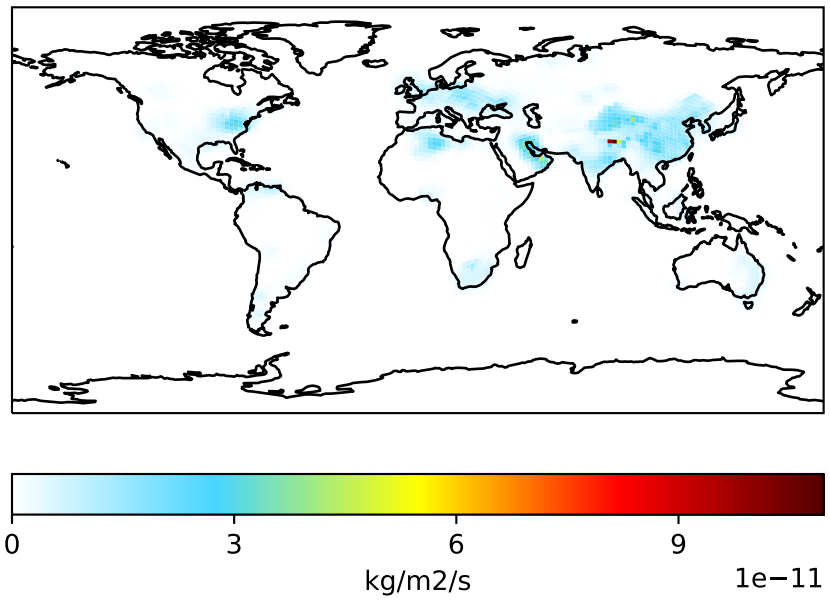
Ratio
Dev/Ref, Fixed Range



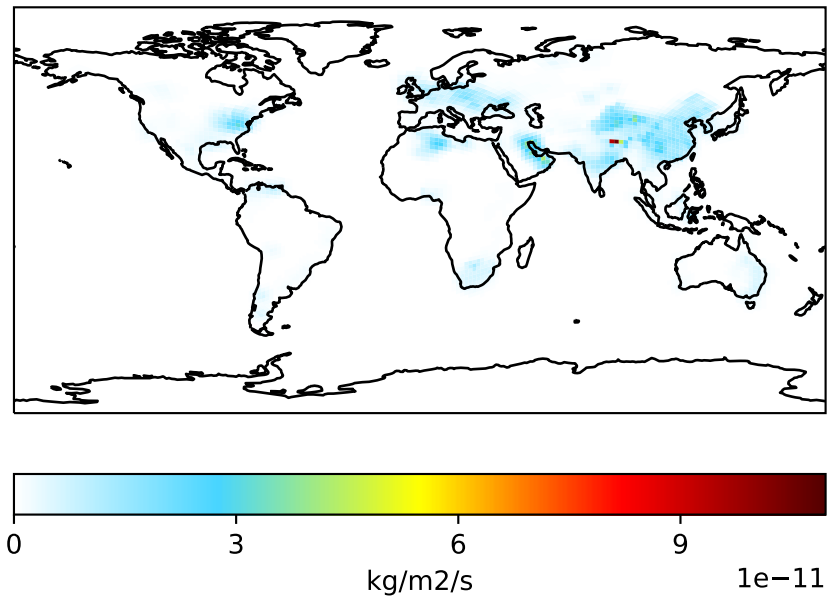


EmisC3H8_Anthro (Apr2019)

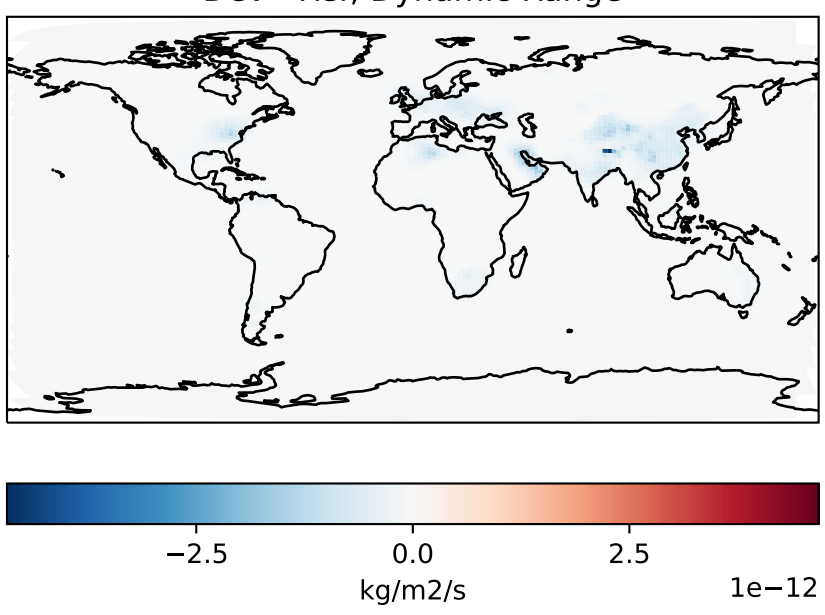
GCHP_13.0.0 (Ref)
c48



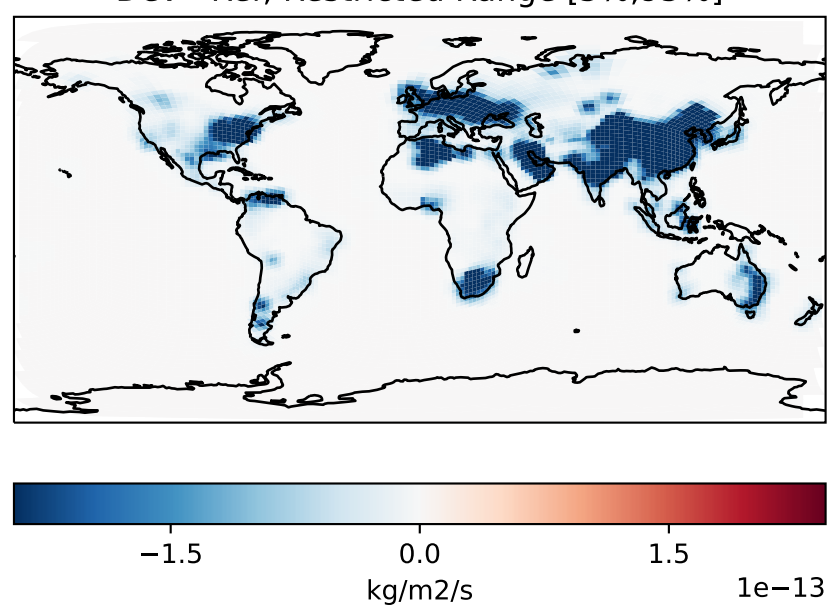
GCHP_13.2.0 (Dev)
c48



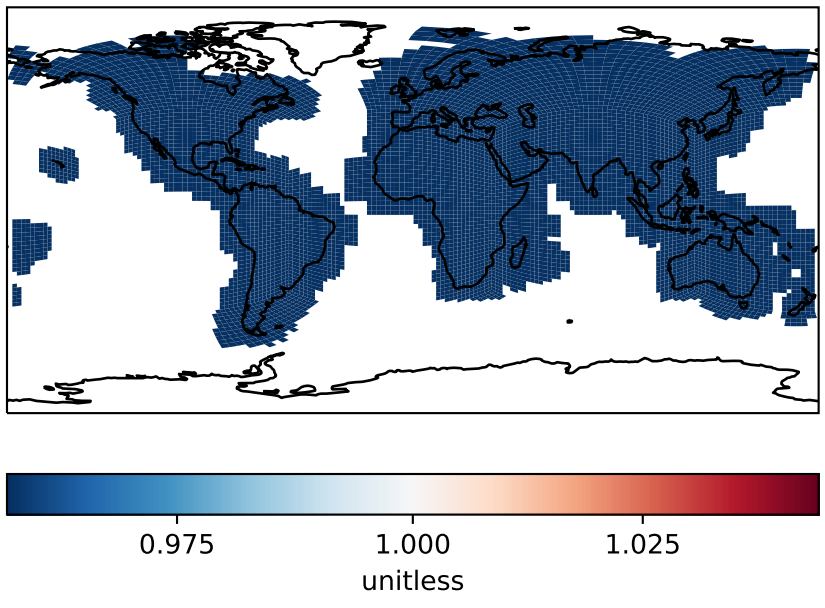
Difference
Dev - Ref, Dynamic Range



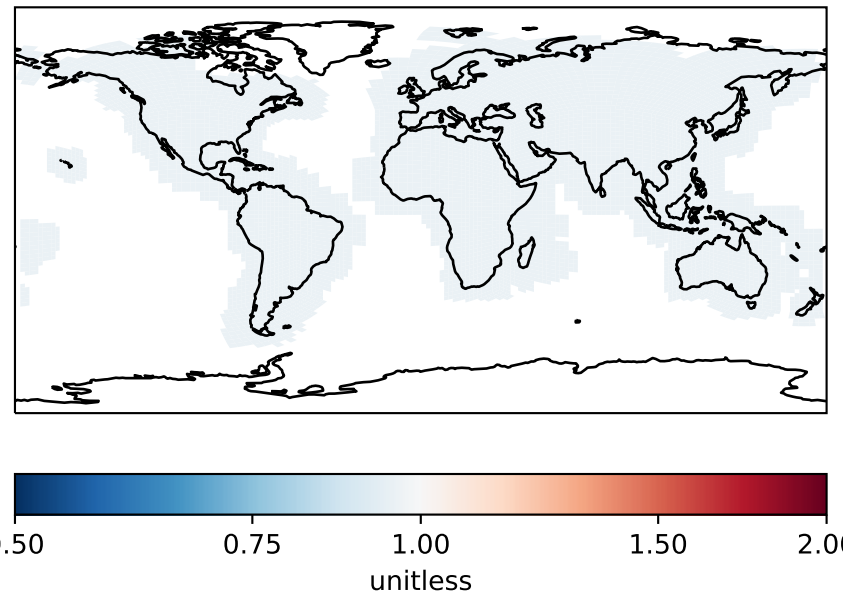
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

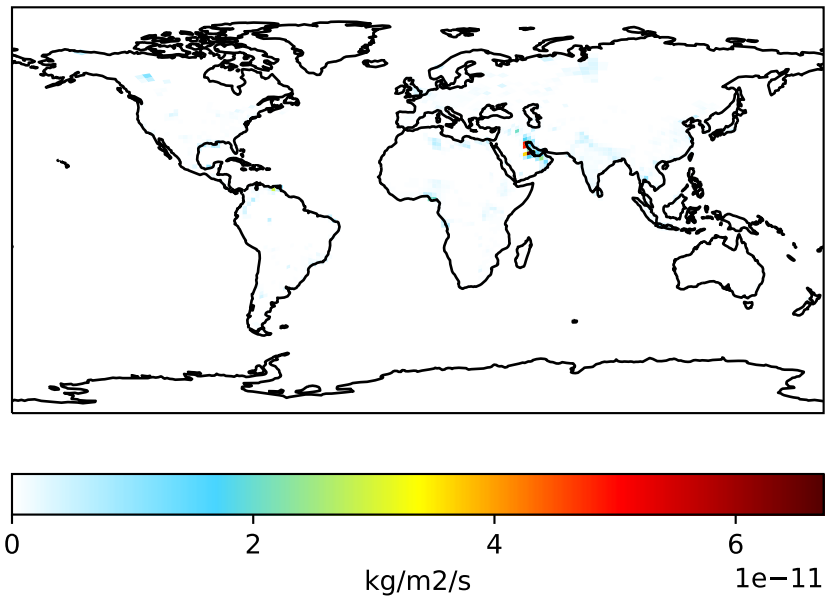


Ratio
Dev/Ref, Fixed Range

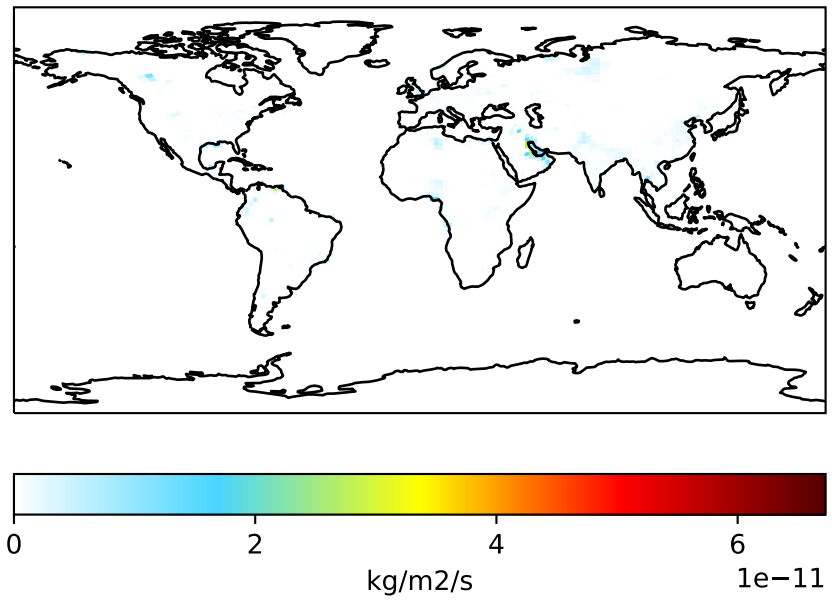


EmisCH2O_Anthro (Apr2019)

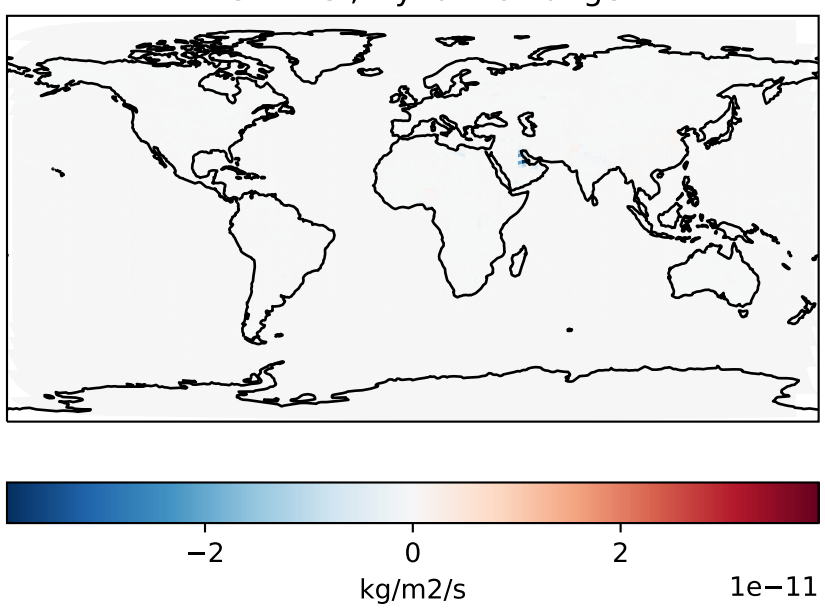
GCHP_13.0.0 (Ref)
c48



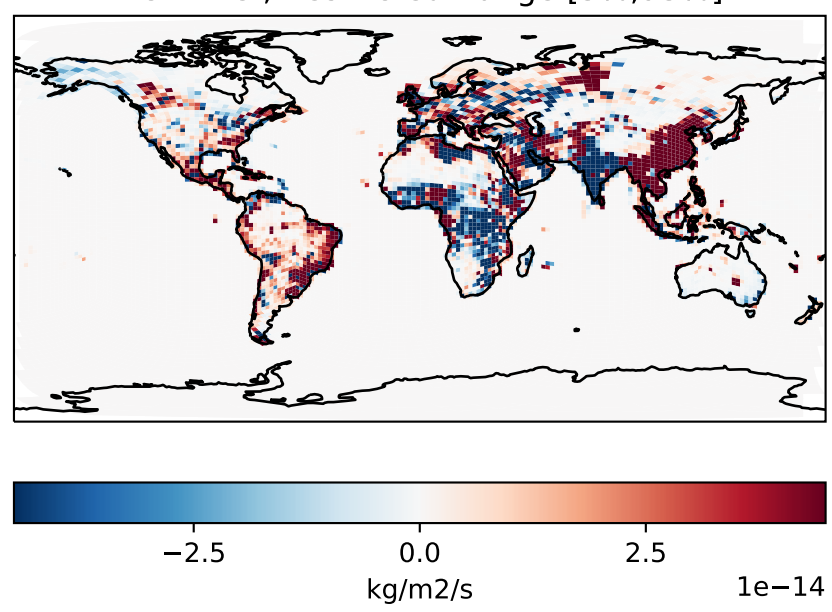
GCHP_13.2.0 (Dev)
c48



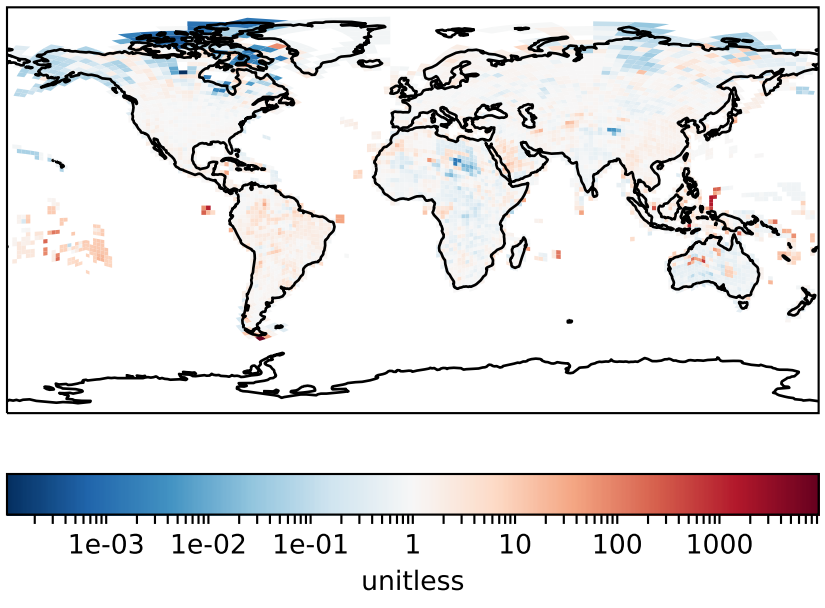
Difference
Dev - Ref, Dynamic Range



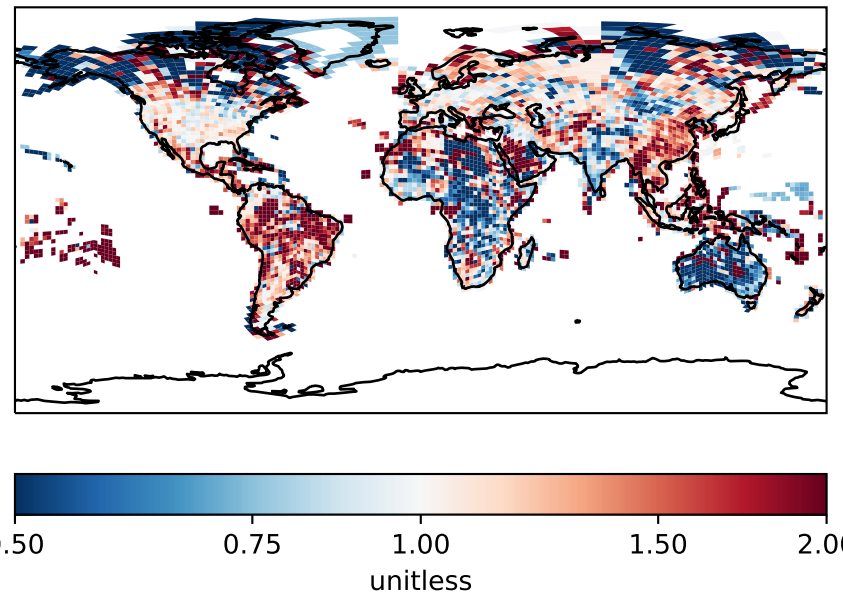
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

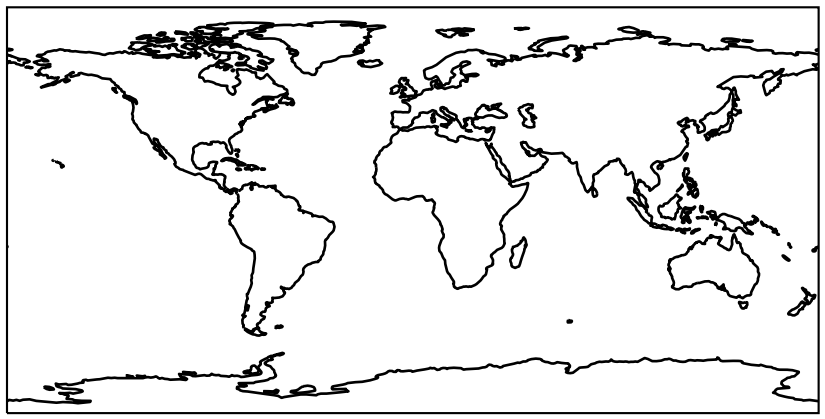


Ratio
Dev/Ref, Fixed Range



EmisCO2_Anthro (Apr2019)

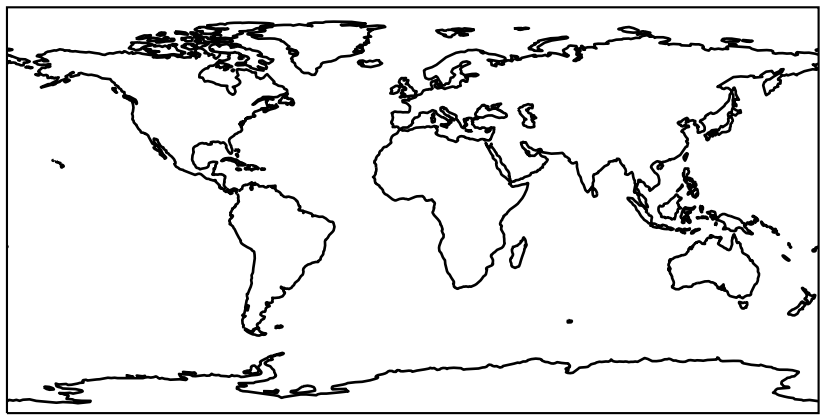
GCHP_13.0.0 (Ref)
c48





Zero throughout domain
kg/m2/s

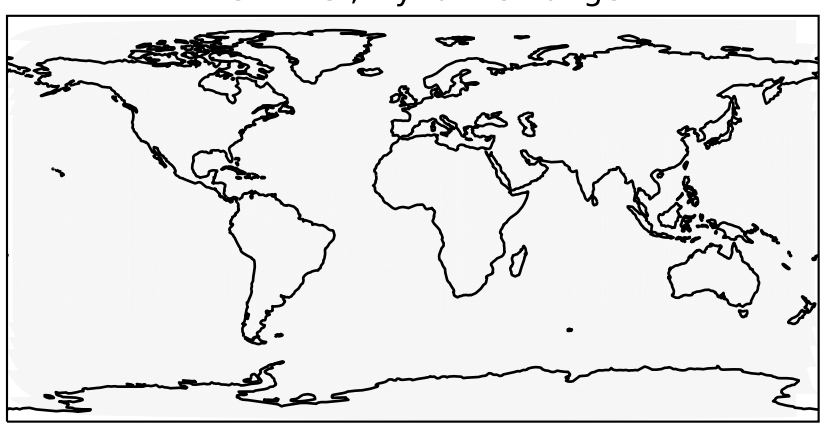
GCHP_13.2.0 (Dev)
c48





Zero throughout domain
kg/m2/s

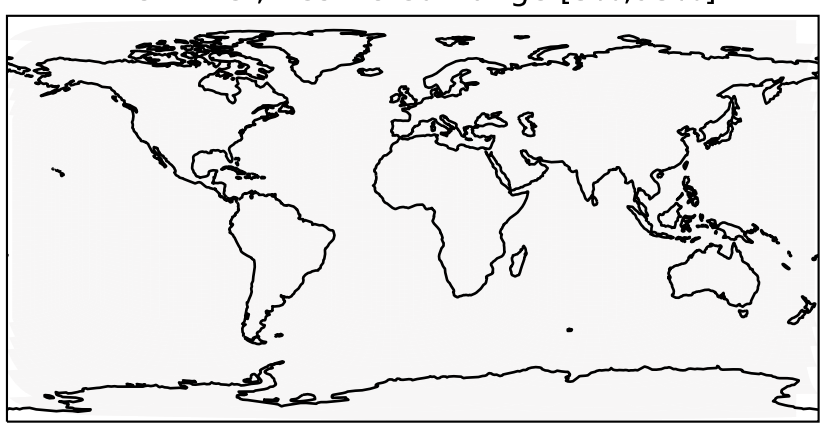
Difference
Dev - Ref, Dynamic Range





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kg/m2/s

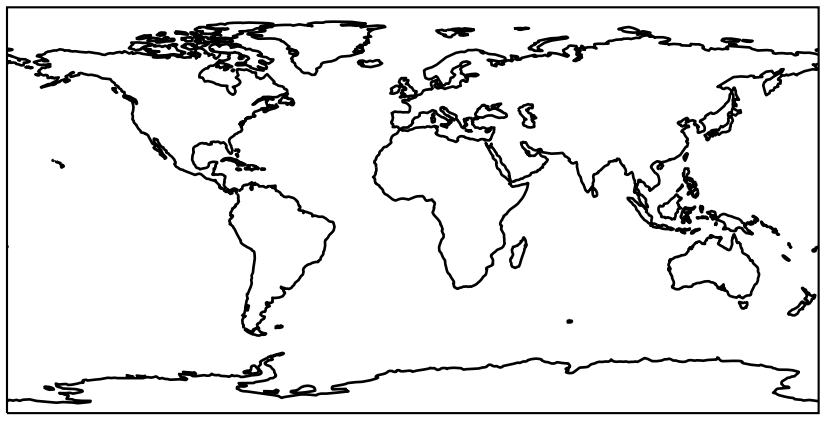
Difference
Dev - Ref, Restricted Range [5%,95%]





Zero throughout domain
kg/m2/s

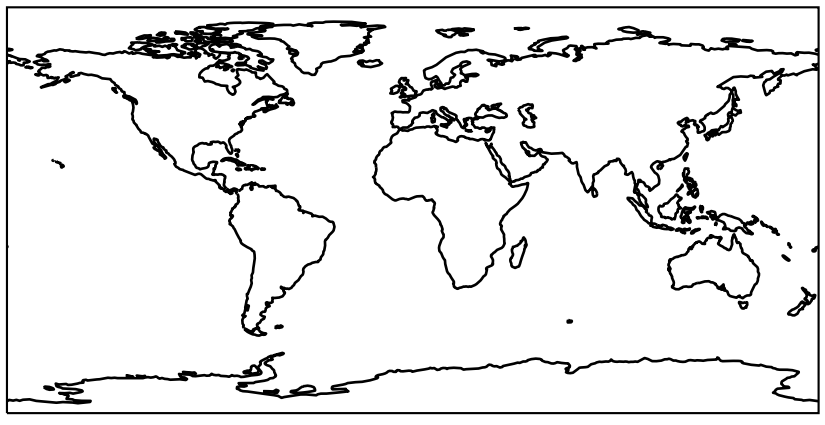
Ratio
Dev/Ref, Dynamic Range





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unitless

Ratio
Dev/Ref, Fixed Range

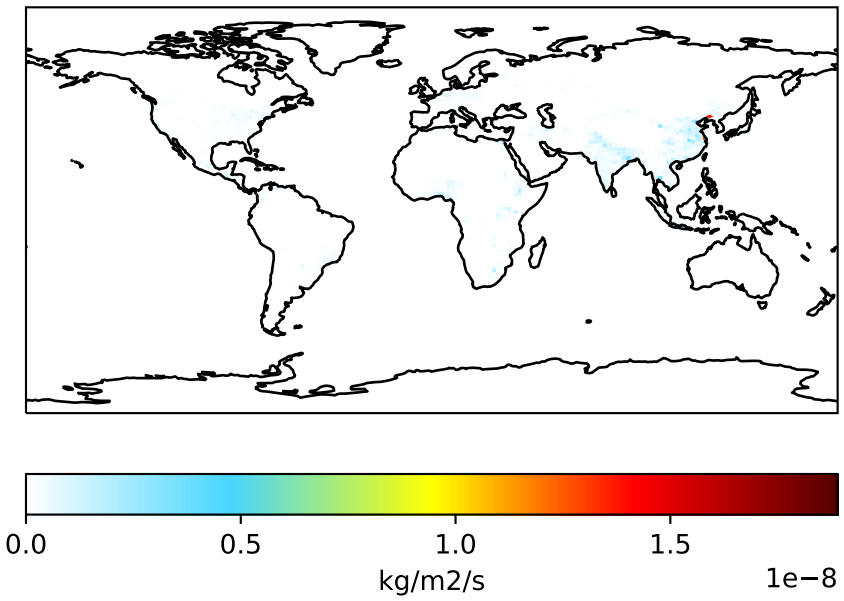




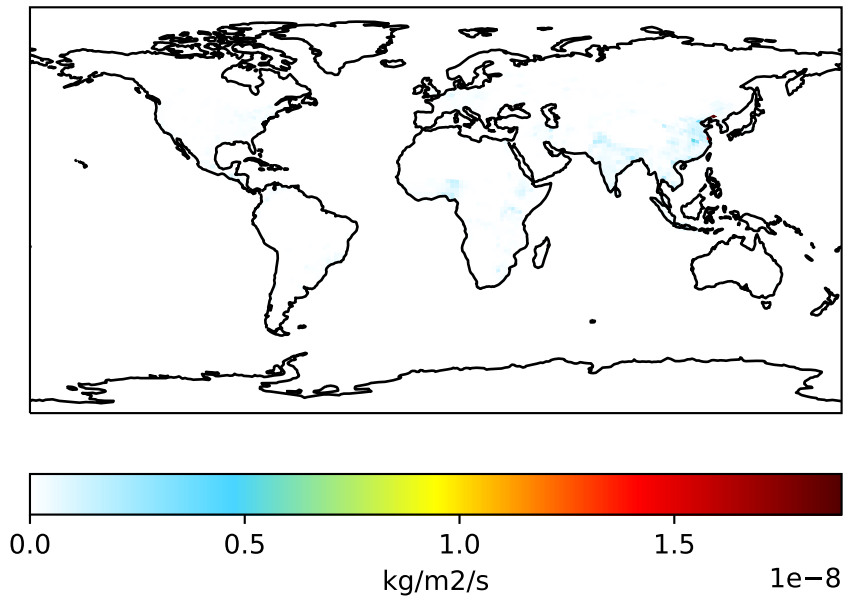
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EmisCO_Anthro (Apr2019)

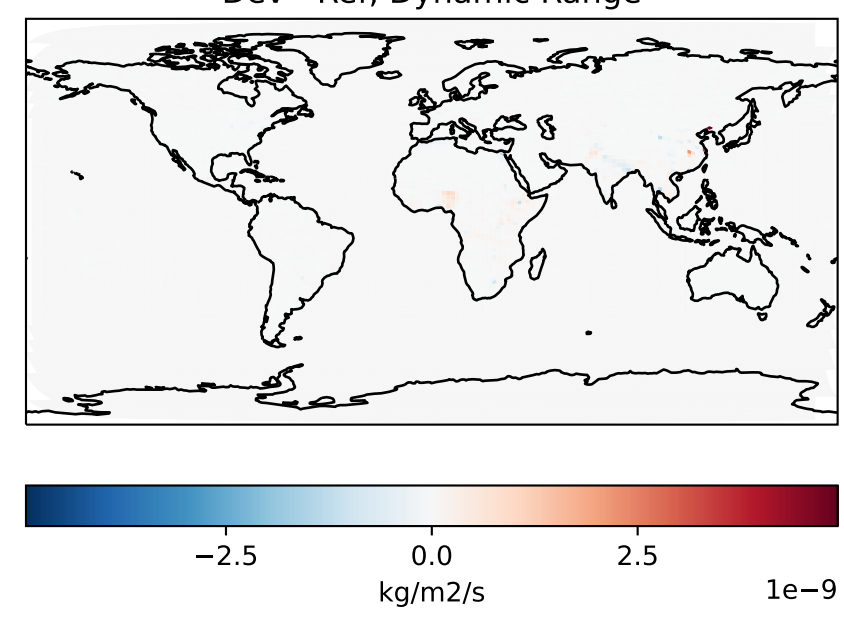
GCHP_13.0.0 (Ref)
c48



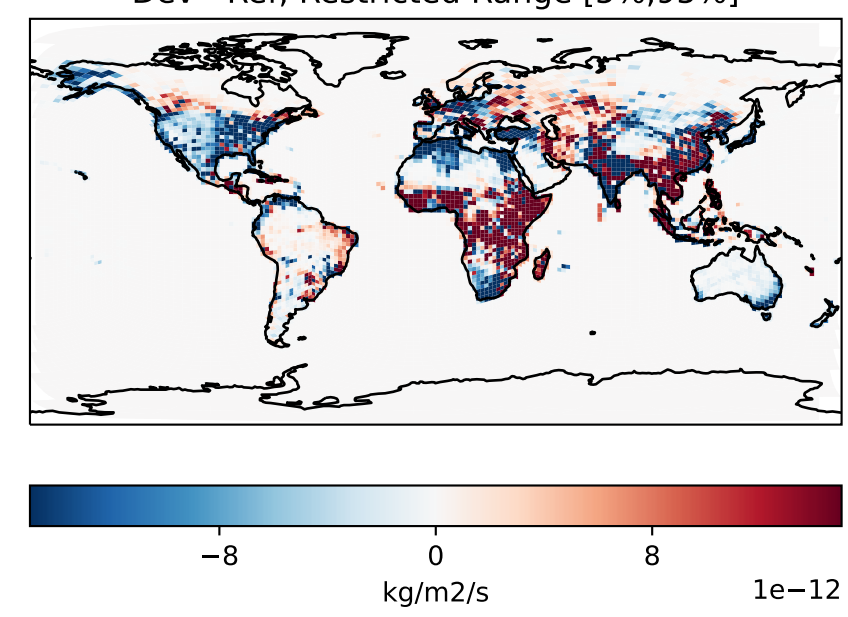
GCHP_13.2.0 (Dev)
c48



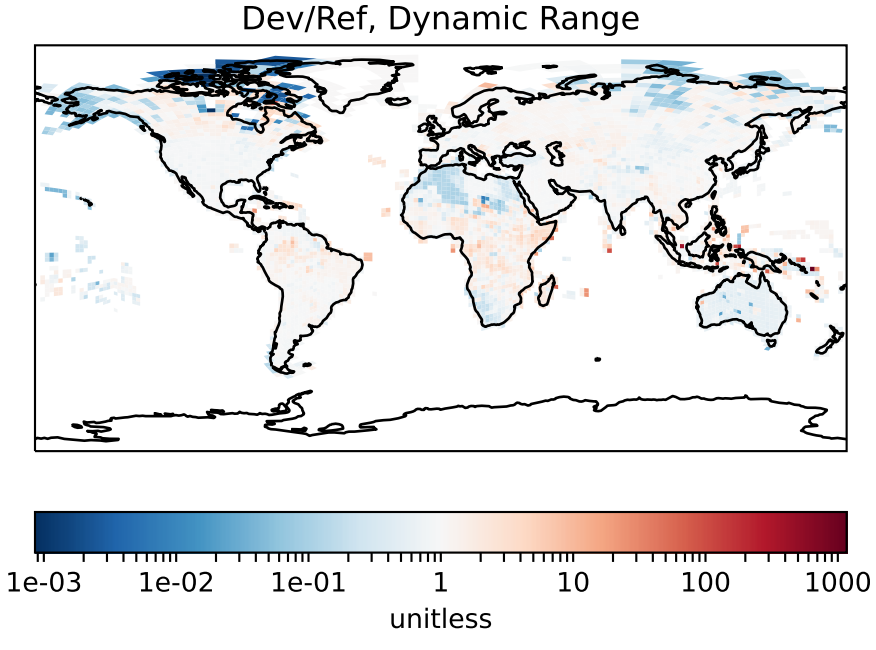
Difference
Dev - Ref, Dynamic Range



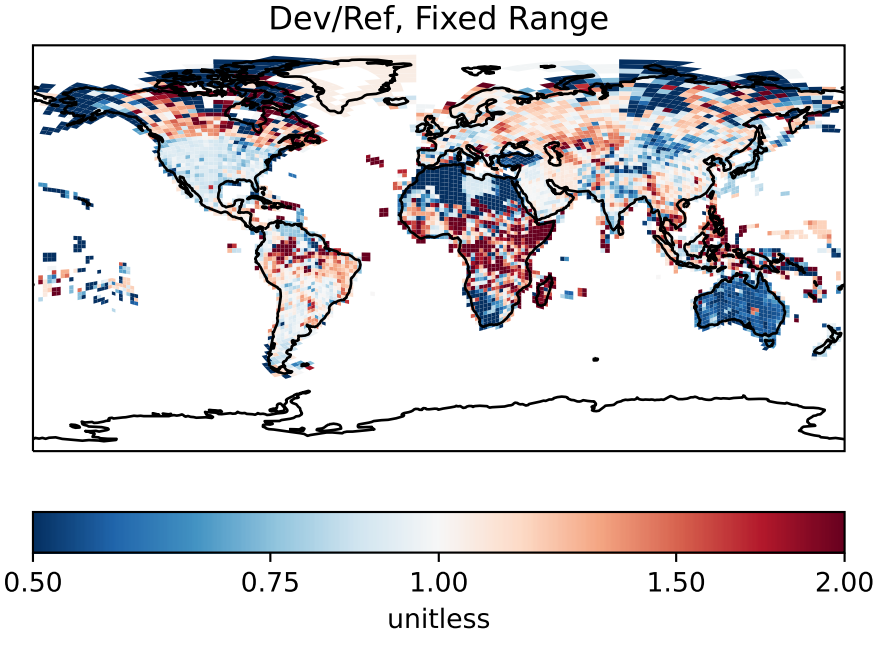
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

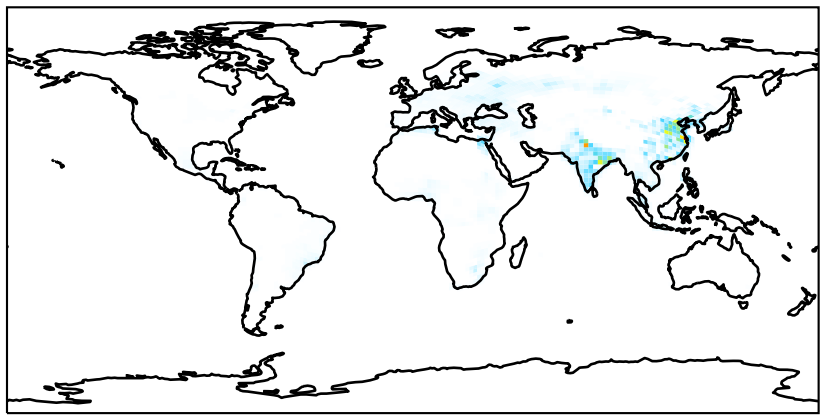


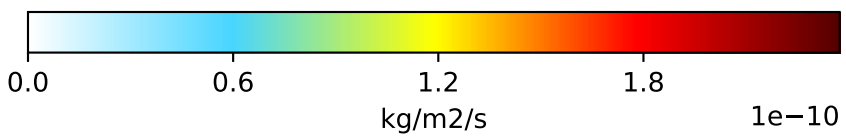
Ratio
Dev/Ref, Fixed Range



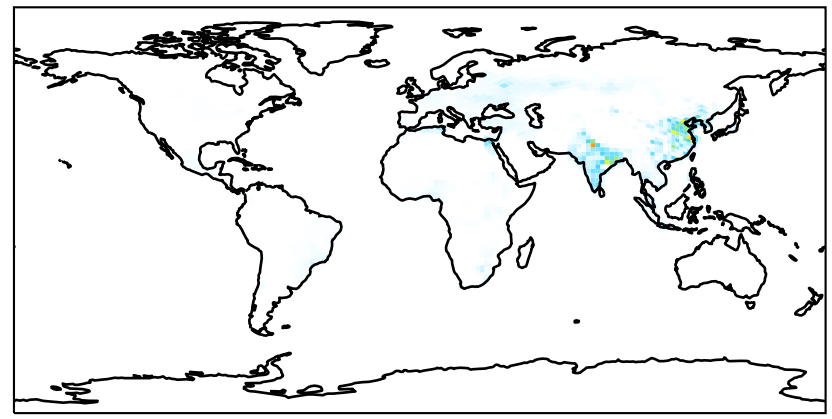
EmisDST1_Anthro (Apr2019)

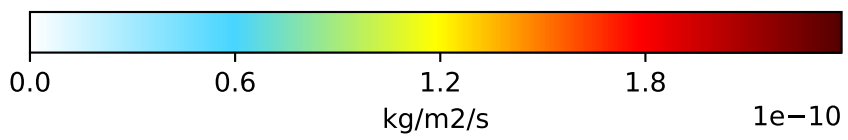
GCHP_13.0.0 (Ref)
c48



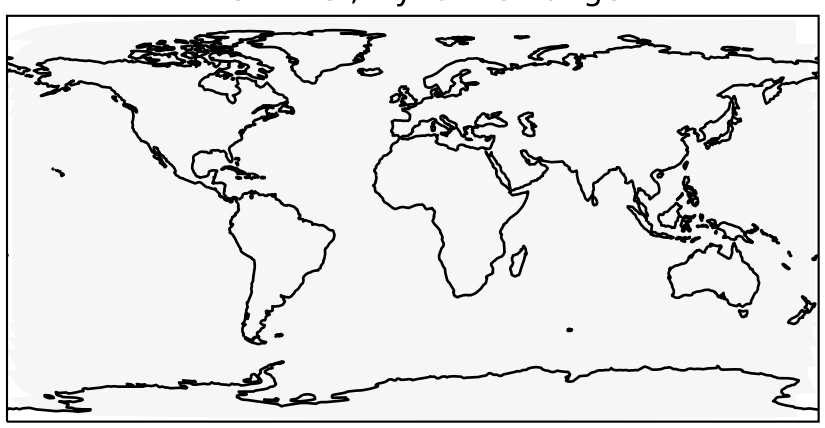


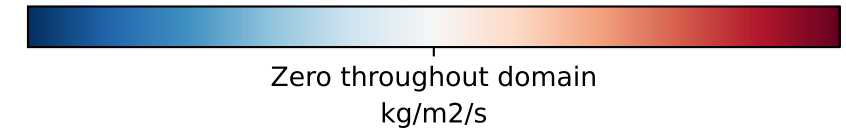
GCHP_13.2.0 (Dev)
c48



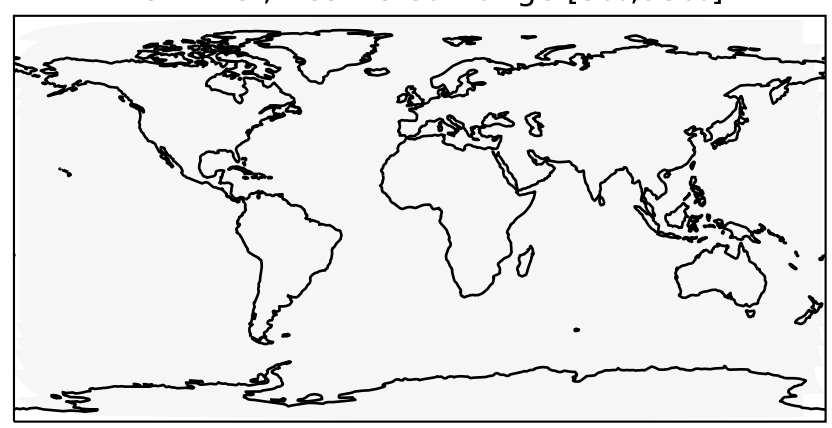


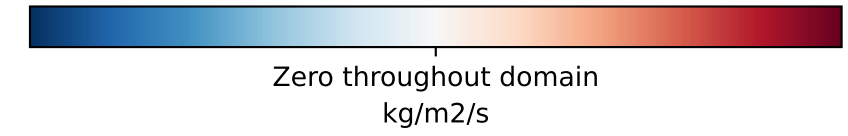
Difference
Dev - Ref, Dynamic Range



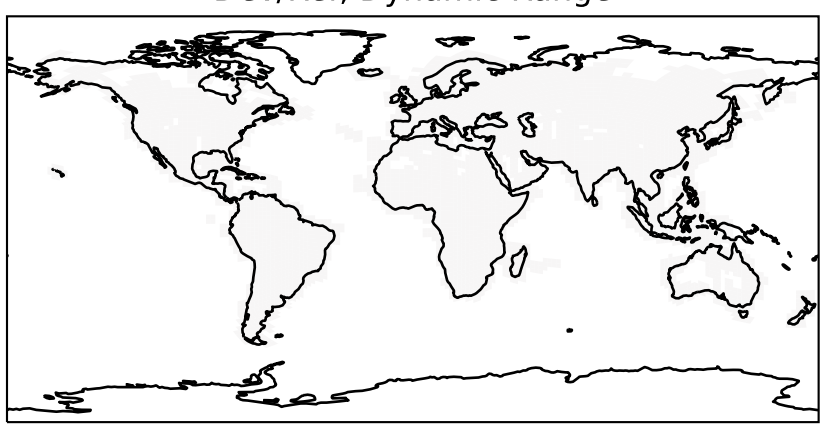


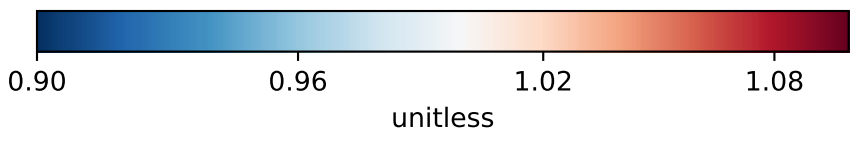
Difference
Dev - Ref, Restricted Range [5%,95%]



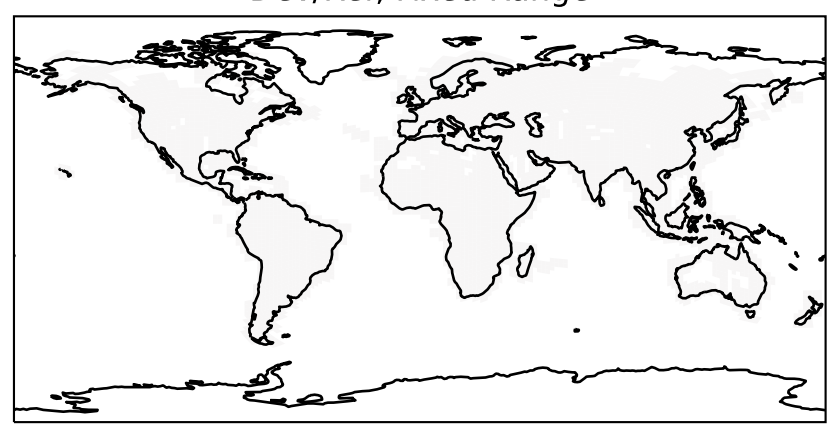


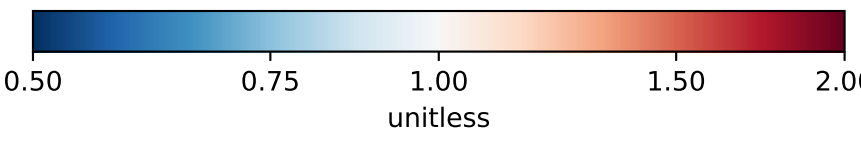
Ratio
Dev/Ref, Dynamic Range





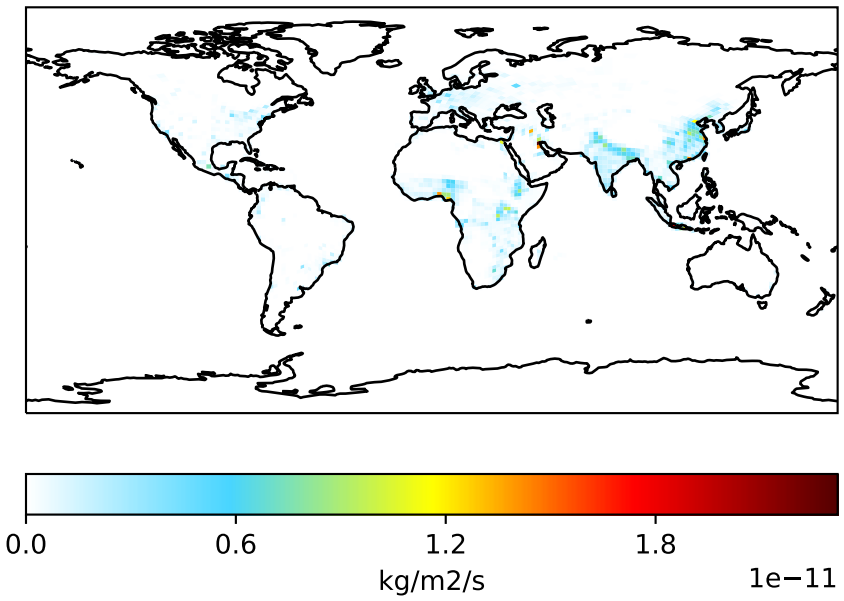
Ratio
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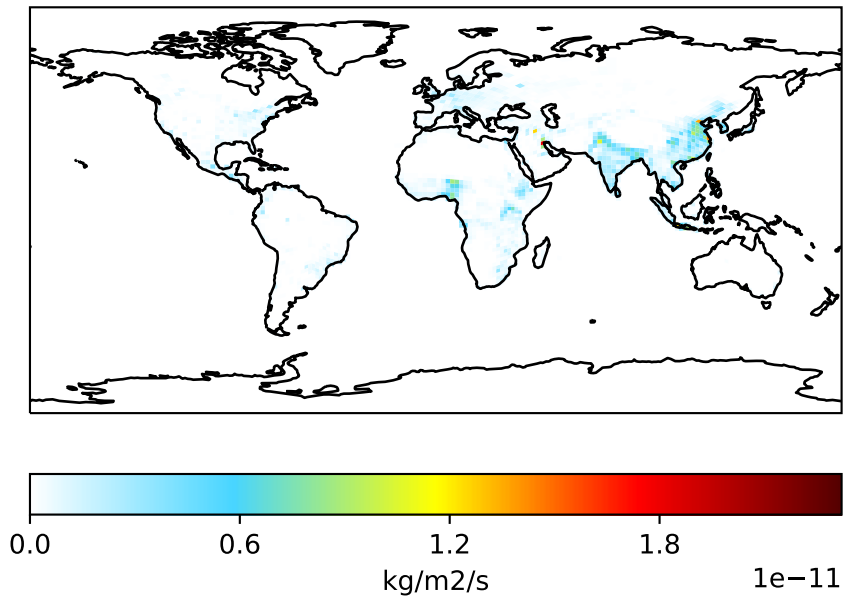


EmisEOH_Anthro (Apr2019)

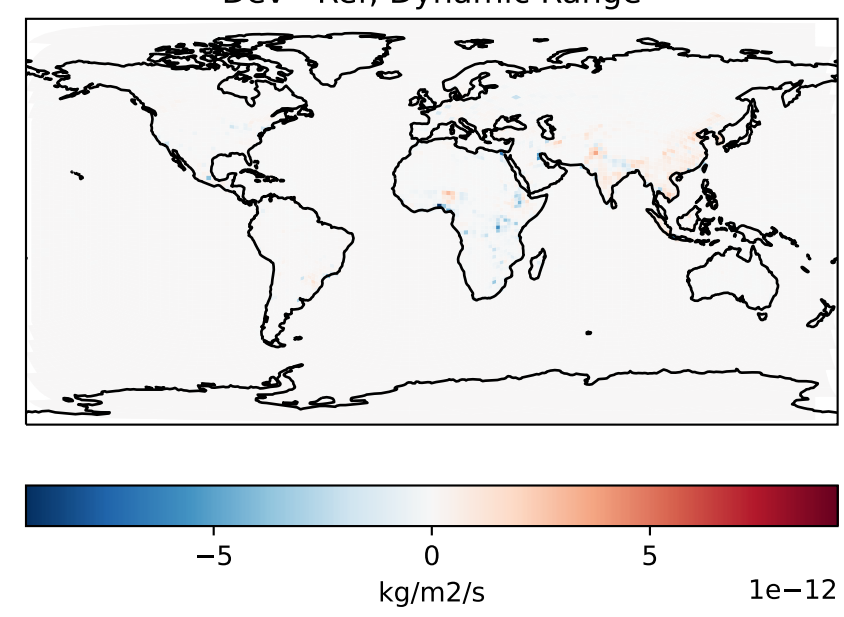
GCHP_13.0.0 (Ref)
c48



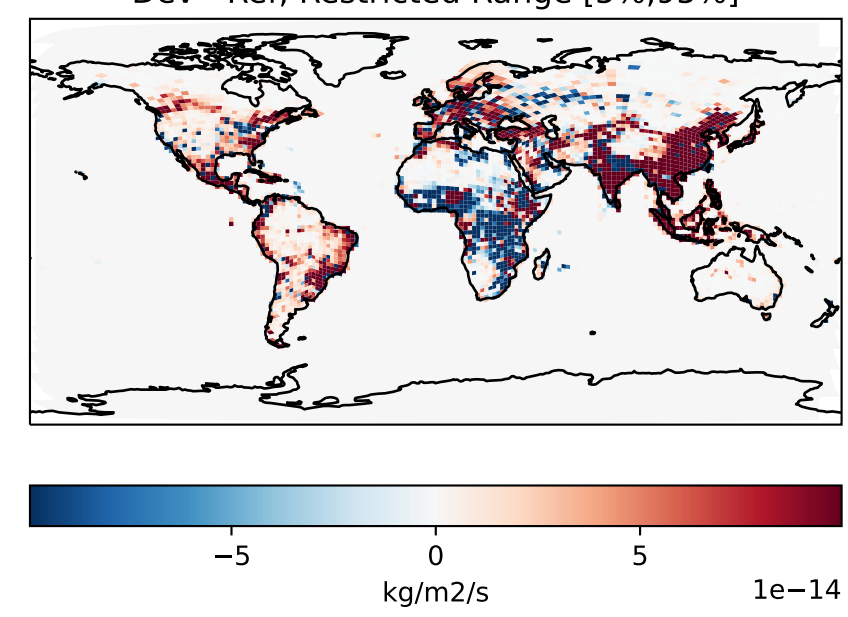
GCHP_13.2.0 (Dev)
c48



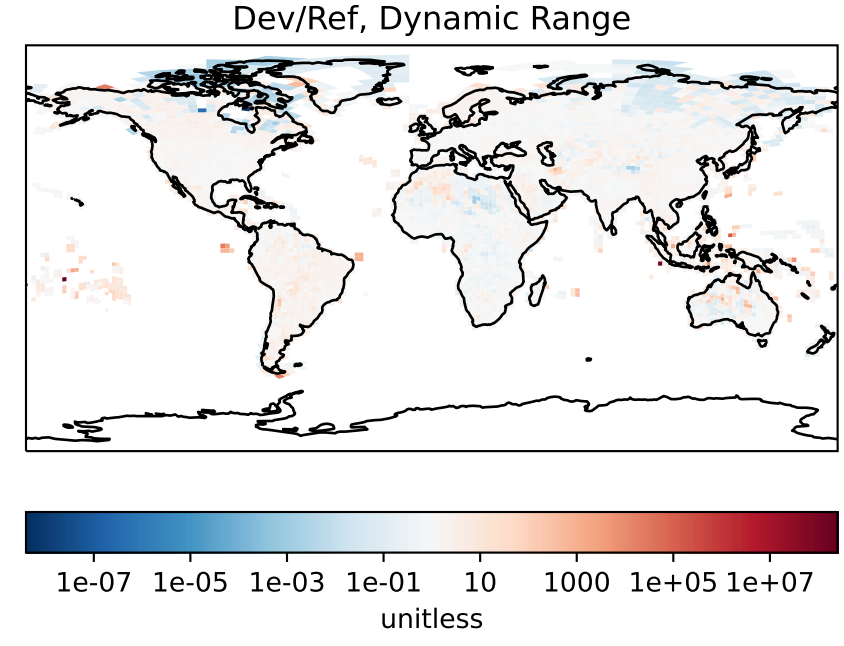
Difference
Dev - Ref, Dynamic Range



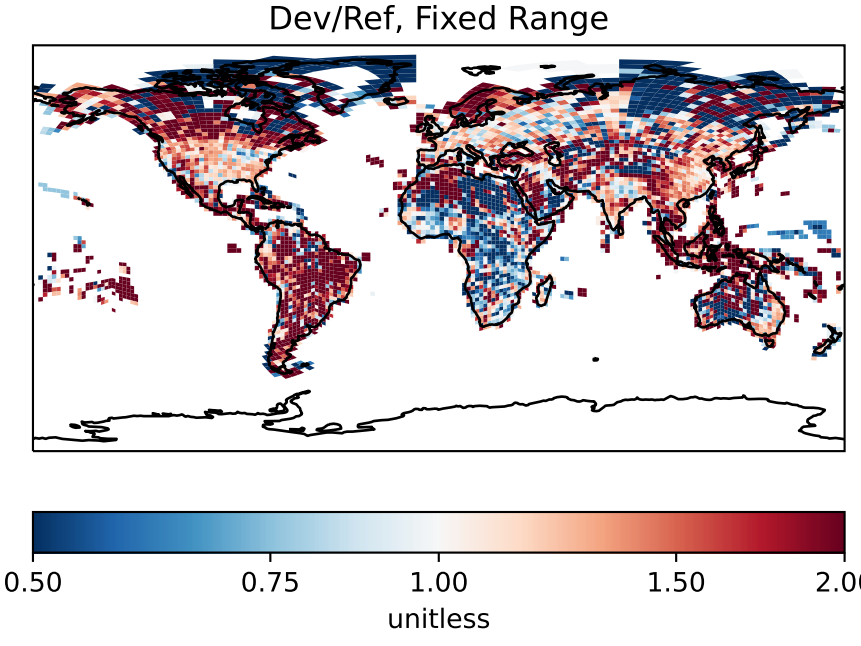
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

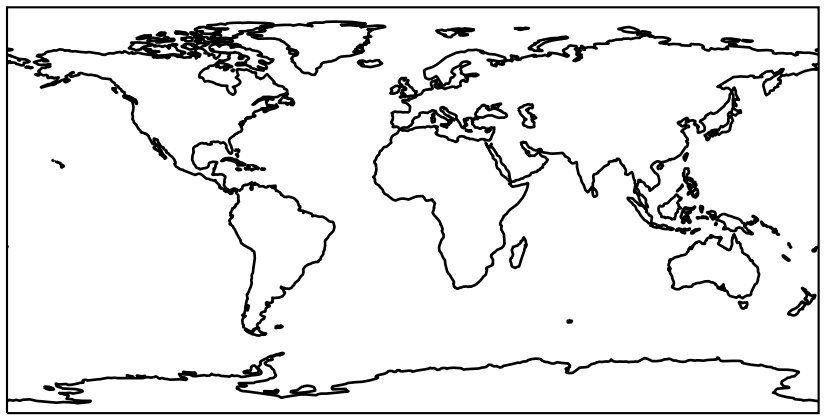


Ratio
Dev/Ref, Fixed Range



EmisGLYC_Anthro (Apr2019)

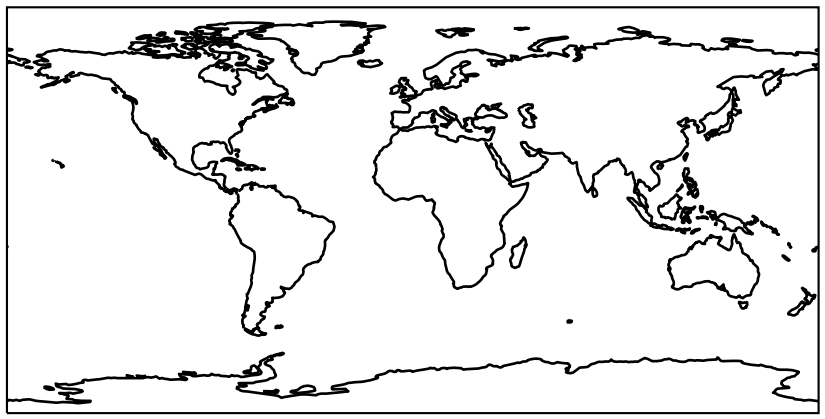
GCHP_13.0.0 (Ref)
c48





Zero throughout domain
kg/m2/s

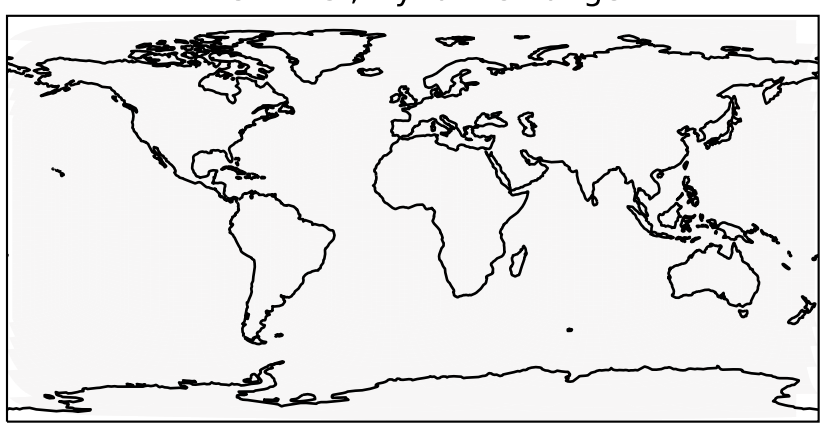
GCHP_13.2.0 (Dev)
c48





Zero throughout domain
kg/m2/s

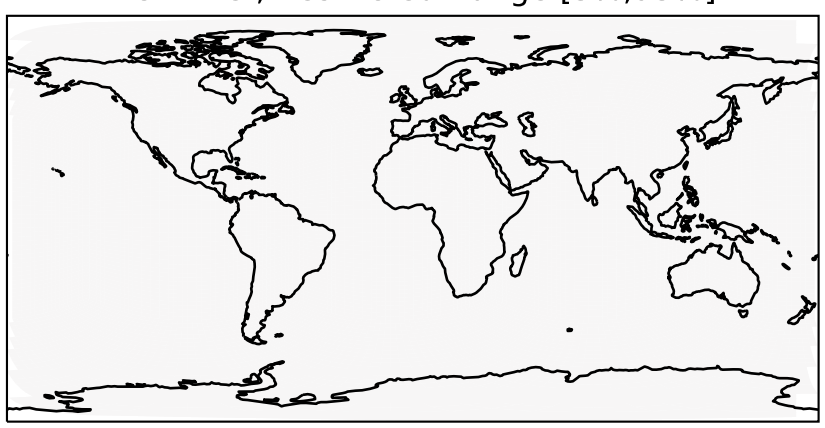
Difference
Dev - Ref, Dynamic Range





Zero throughout domain
kg/m2/s

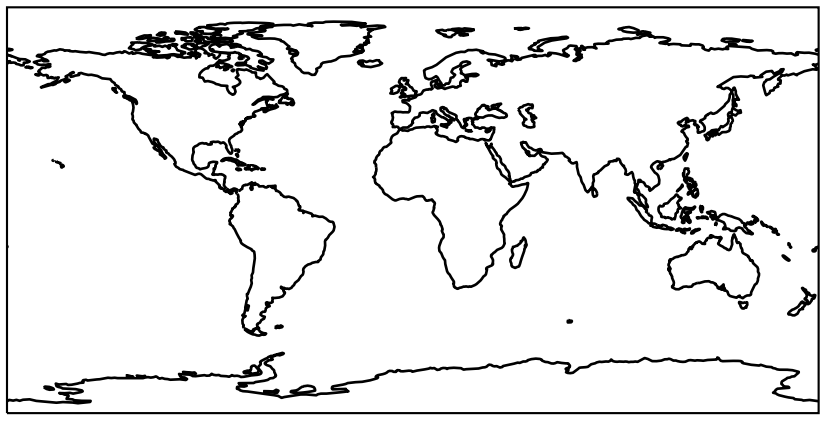
Difference
Dev - Ref, Restricted Range [5%,95%]





Zero throughout domain
kg/m2/s

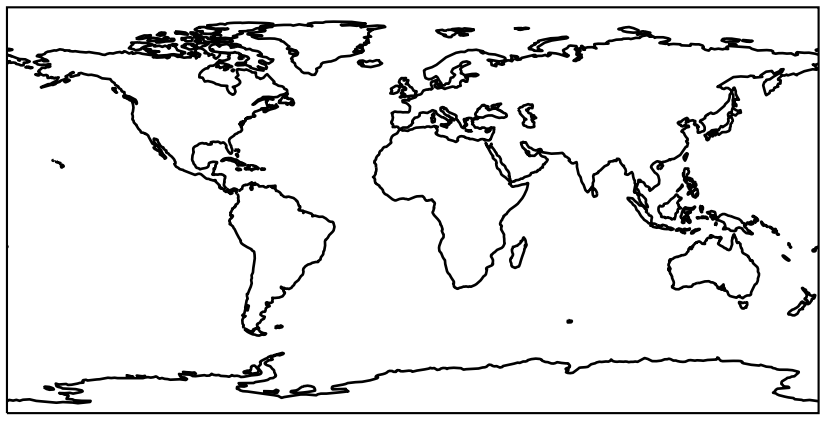
Ratio
Dev/Ref, Dynamic Range





Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range

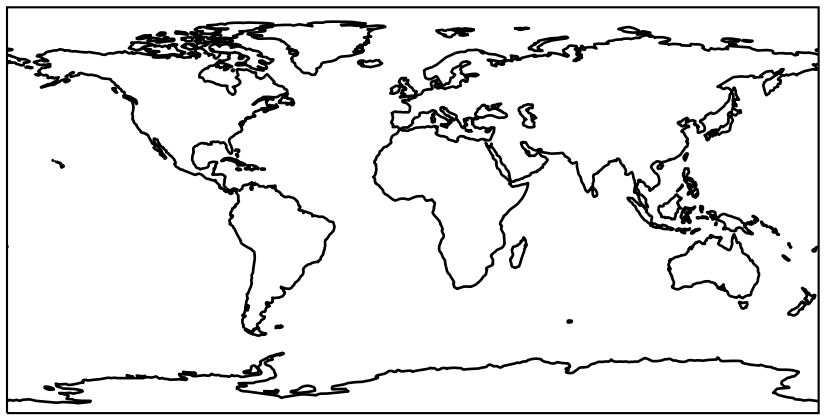




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unitless

EmisHAC_Anthro (Apr2019)

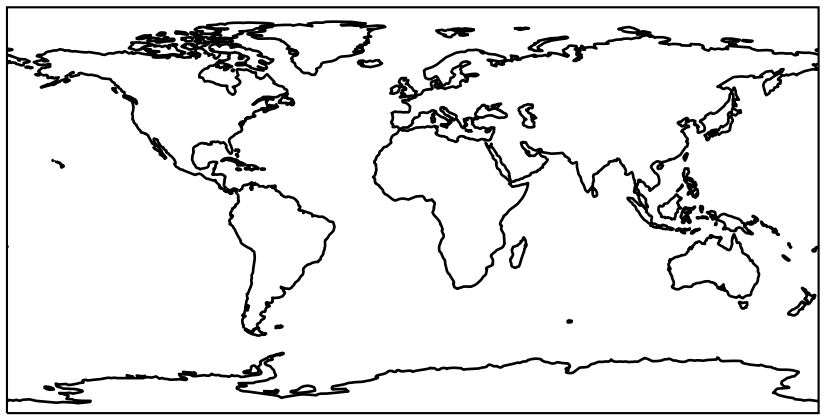
GCHP_13.0.0 (Ref)
c48





Zero throughout domain
kg/m2/s

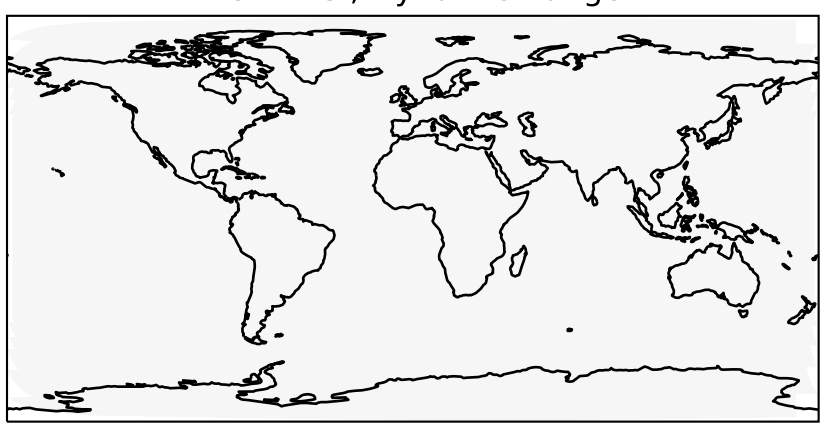
GCHP_13.2.0 (Dev)
c48





Zero throughout domain
kg/m2/s

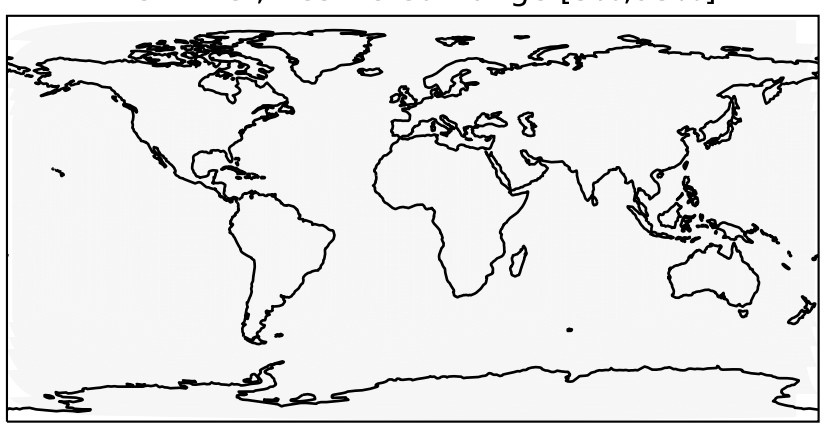
Difference
Dev - Ref, Dynamic Range





Zero throughout domain
kg/m2/s

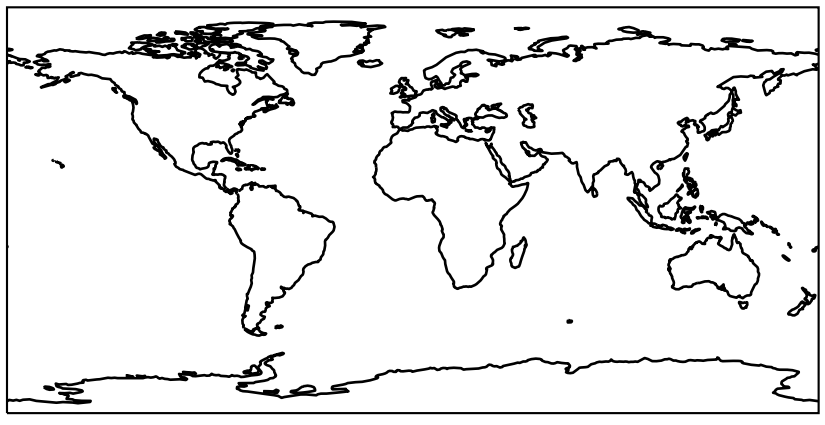
Difference
Dev - Ref, Restricted Range [5%,95%]





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kg/m2/s

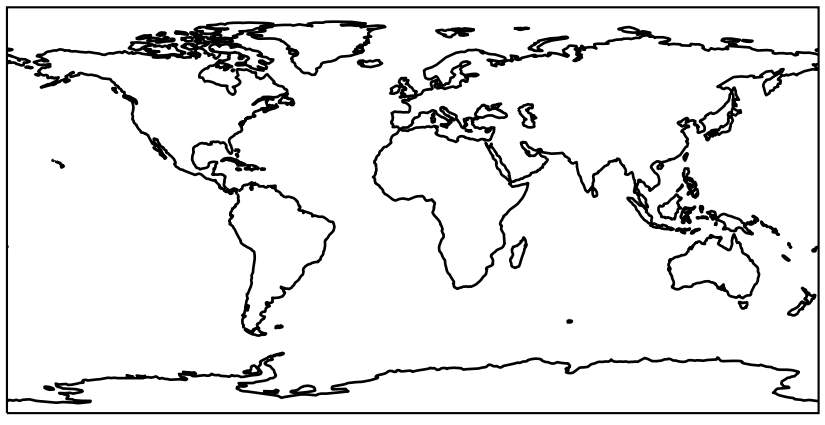
Ratio
Dev/Ref, Dynamic Range





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unitless

Ratio
Dev/Ref, Fixed Range

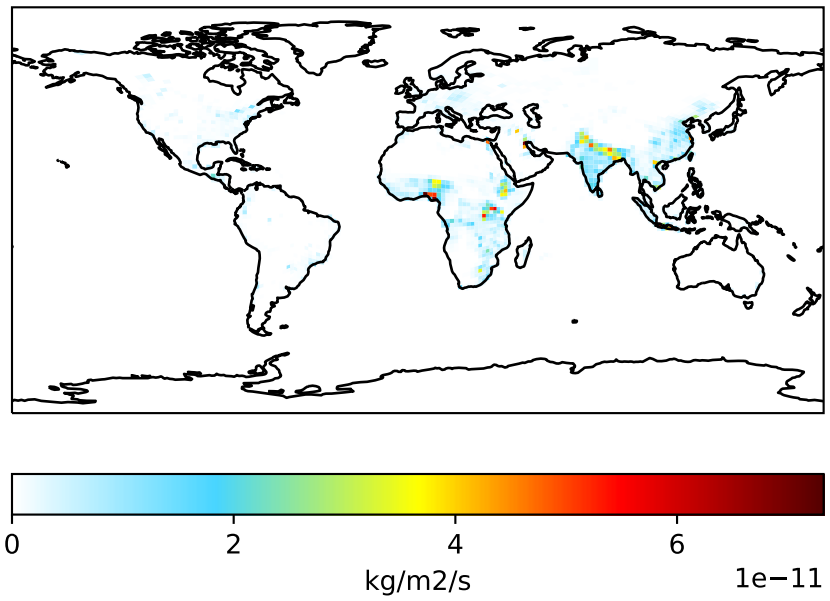




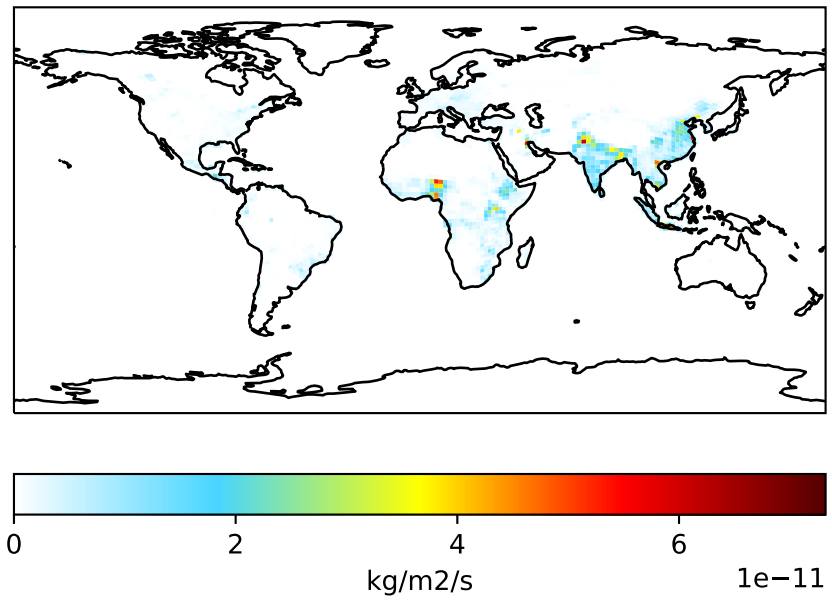
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EmisHCOOH_Anthro (Apr2019)

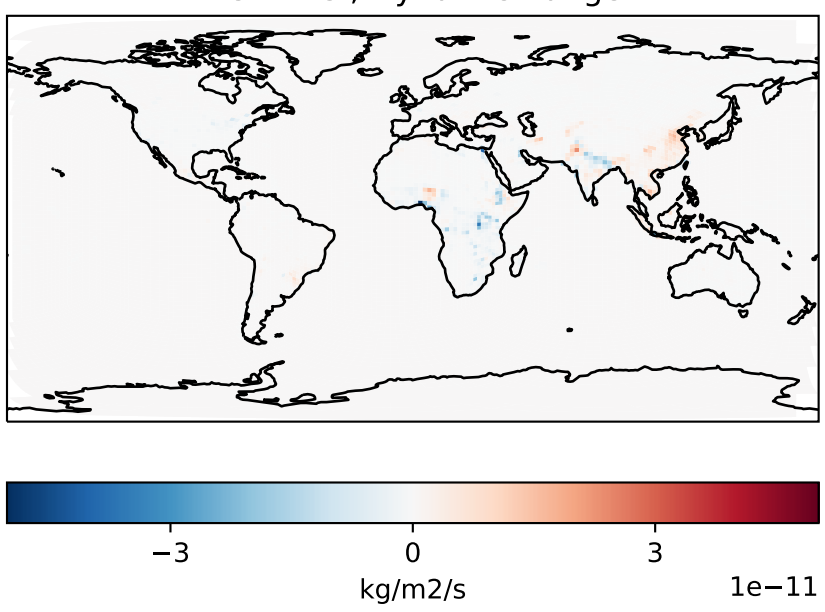
GCHP_13.0.0 (Ref)
c48



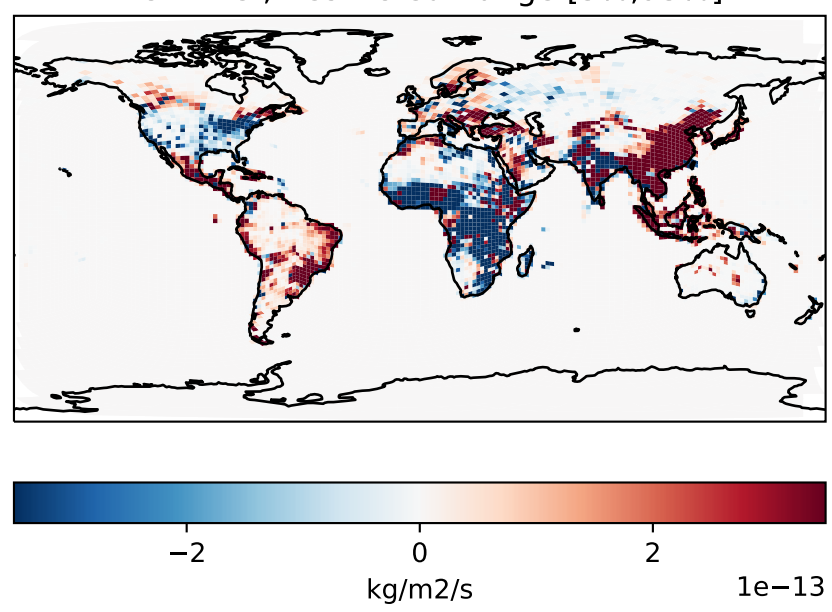
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c48



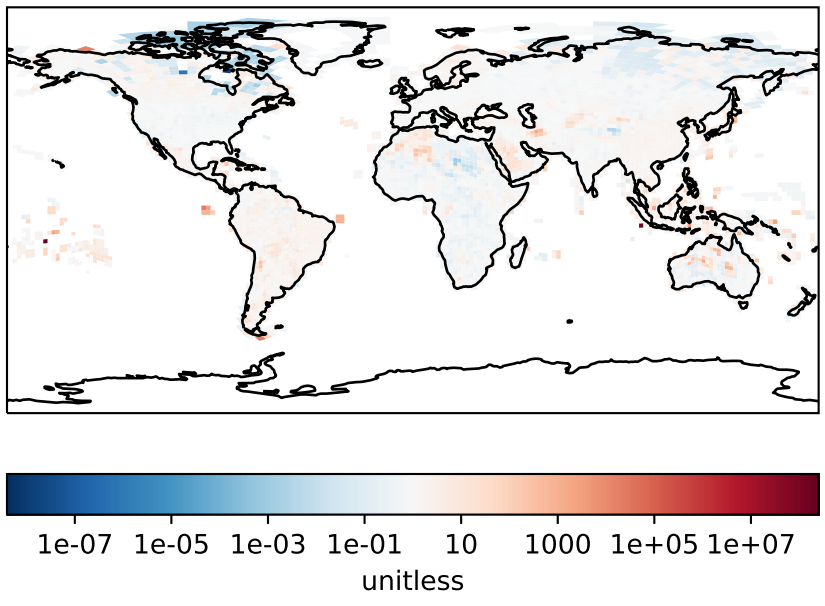
Difference
Dev - Ref, Dynamic Range



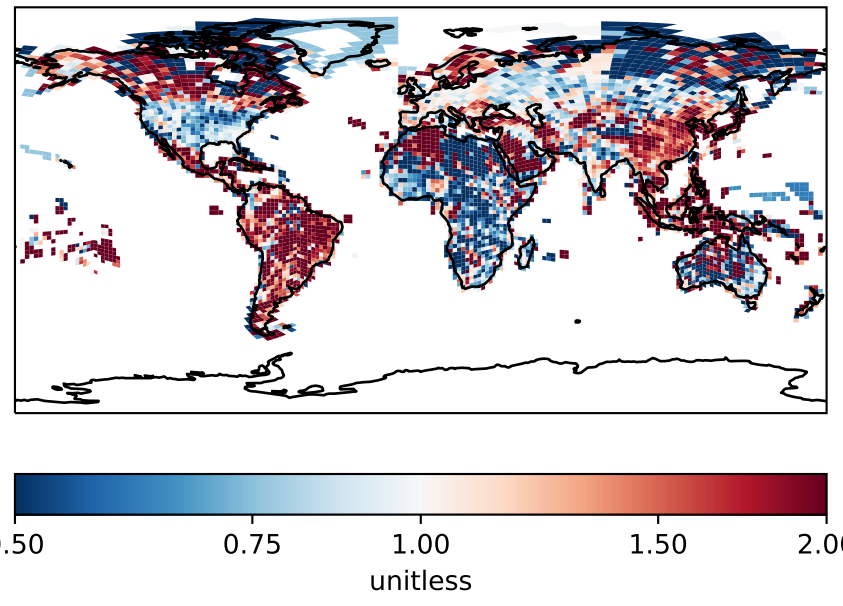
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

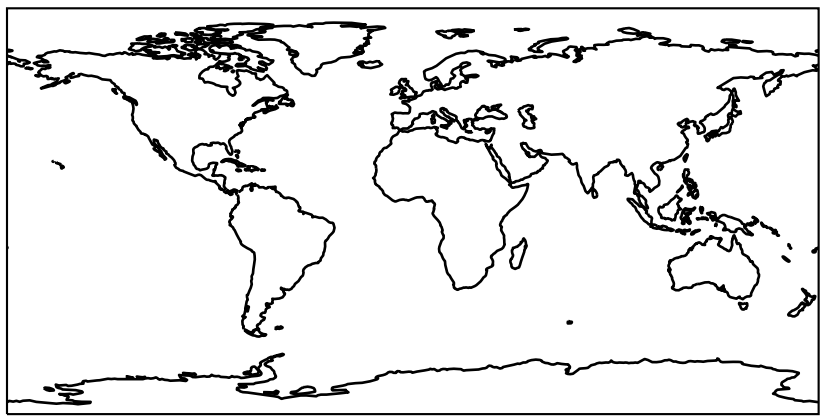


Ratio
Dev/Ref, Fixed Range



EmisHNO2_Anthro (Apr2019)

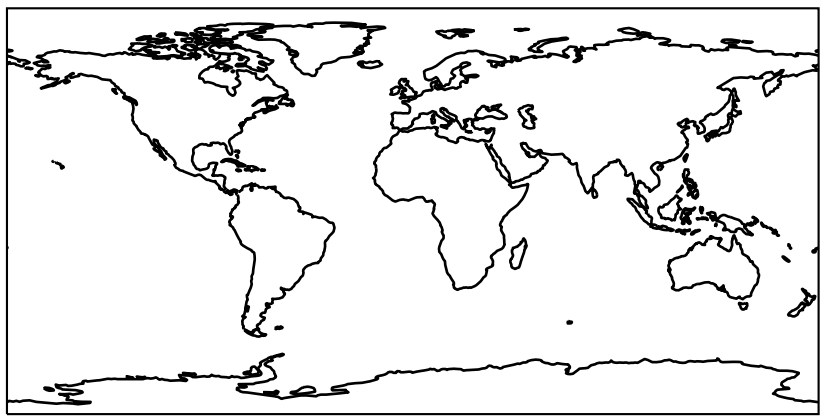
GCHP_13.0.0 (Ref)
c48





Zero throughout domain
kg/m2/s

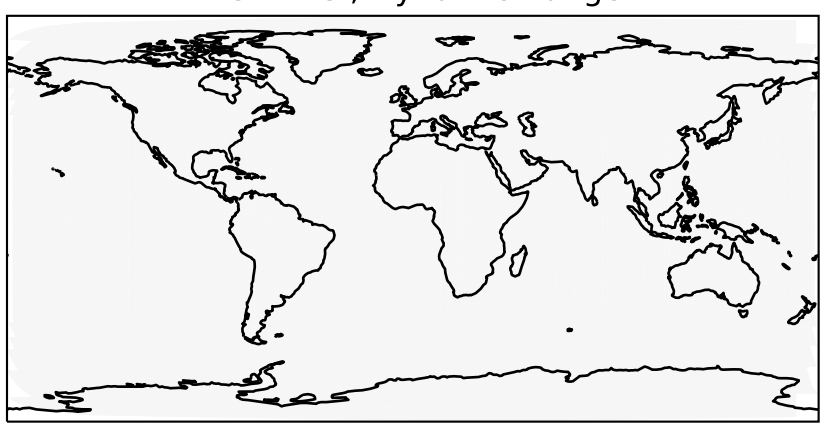
GCHP_13.2.0 (Dev)
c48





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kg/m2/s

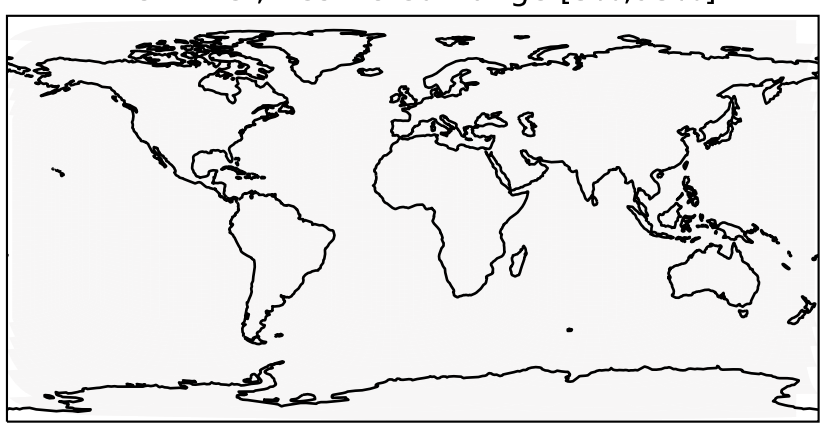
Difference
Dev - Ref, Dynamic Range





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kg/m2/s

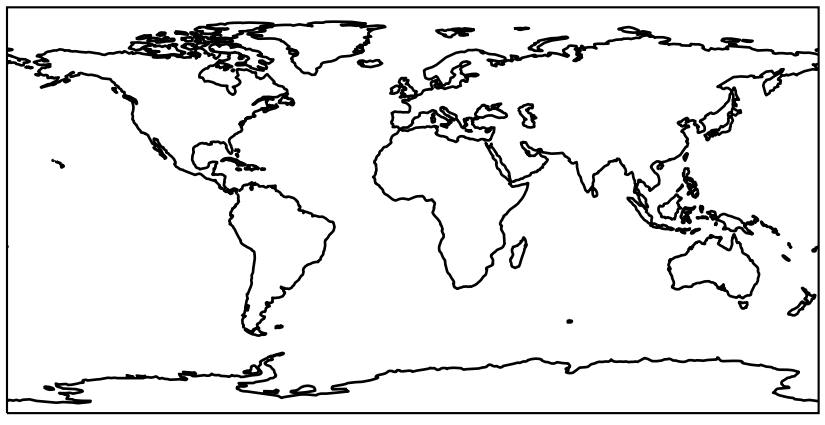
Difference
Dev - Ref, Restricted Range [5%,95%]





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kg/m2/s

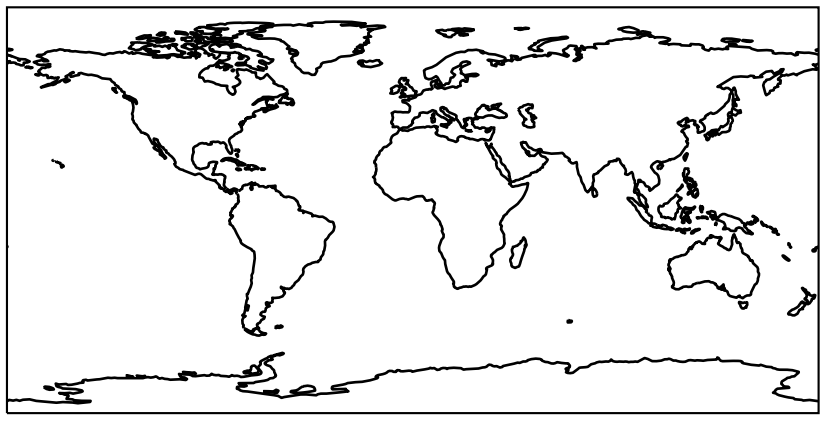
Ratio
Dev/Ref, Dynamic Range





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unitless

Ratio
Dev/Ref, Fixed Range

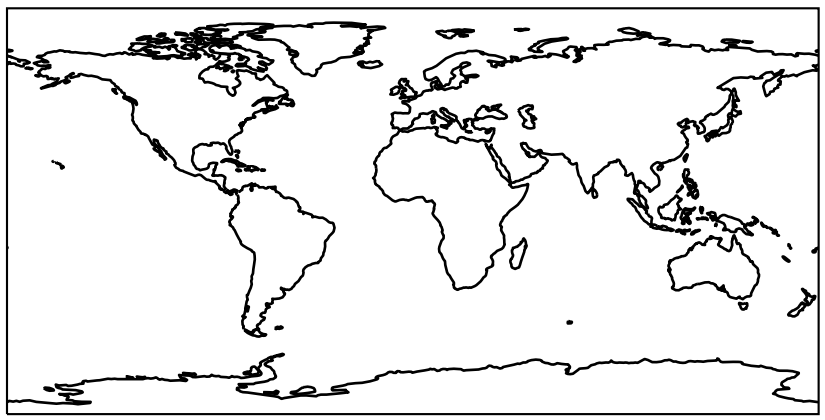




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unitless

EmisISOP_Anthro (Apr2019)

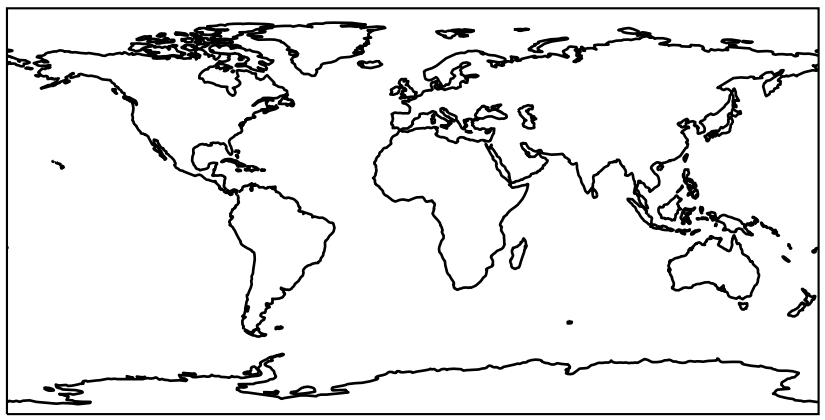
GCHP_13.0.0 (Ref)
c48





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kg/m2/s

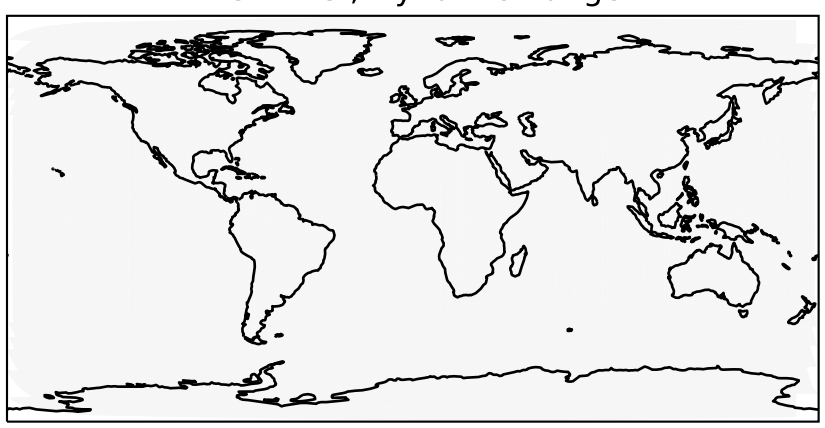
GCHP_13.2.0 (Dev)
c48





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kg/m2/s

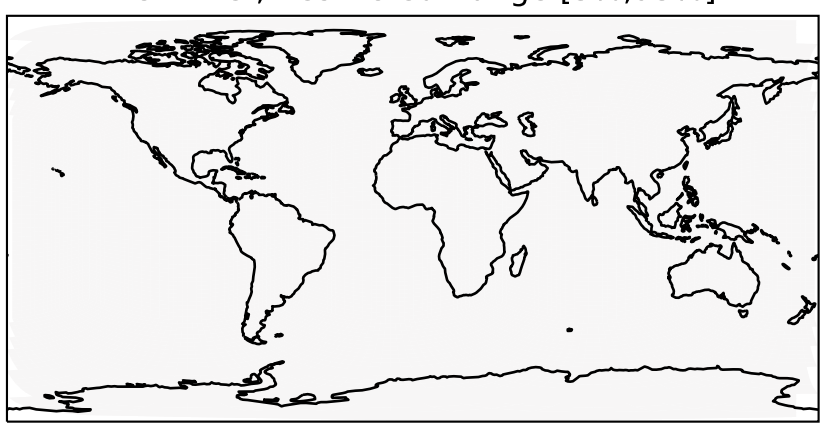
Difference
Dev - Ref, Dynamic Range





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kg/m2/s

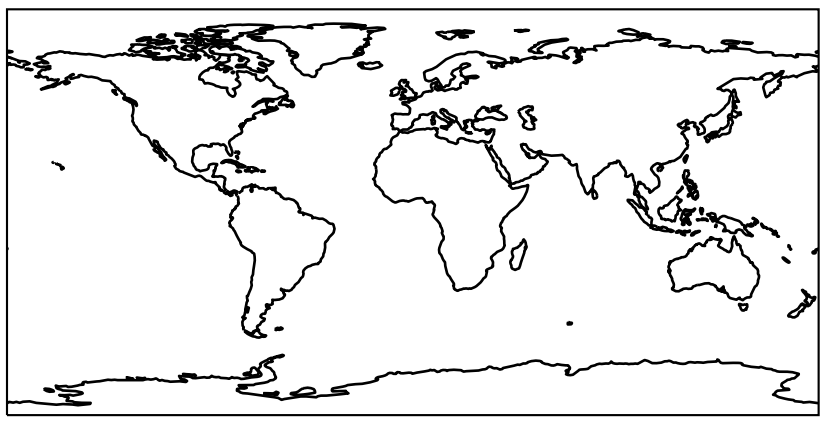
Difference
Dev - Ref, Restricted Range [5%,95%]





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kg/m2/s

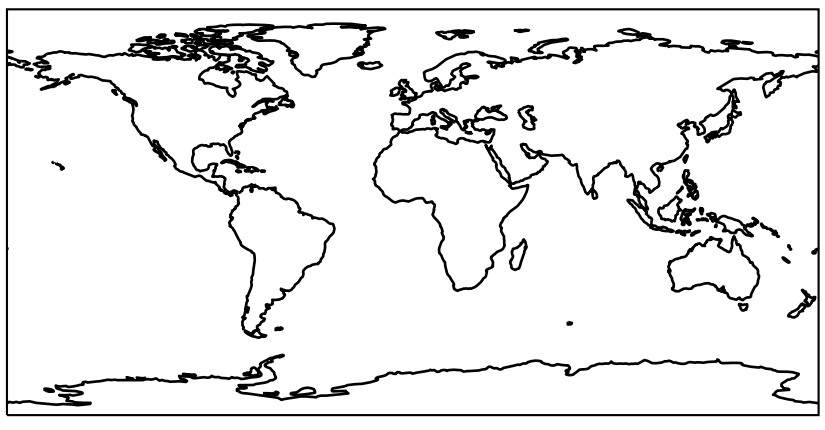
Ratio
Dev/Ref, Dynamic Range





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unitless

Ratio
Dev/Ref, Fixed Range

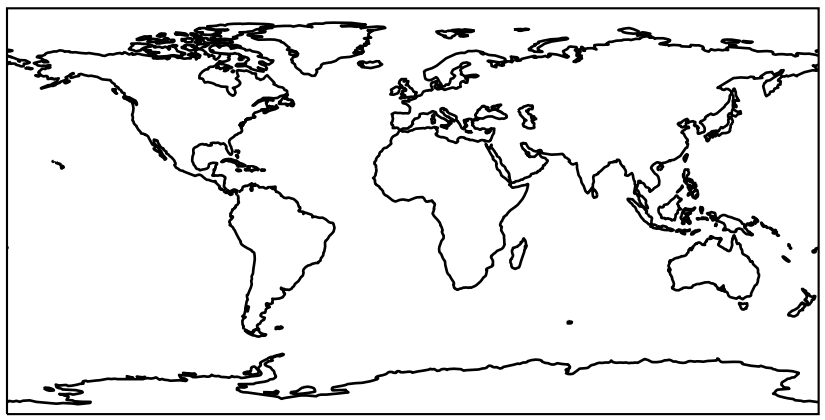




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EmisMACR_Anthro (Apr2019)

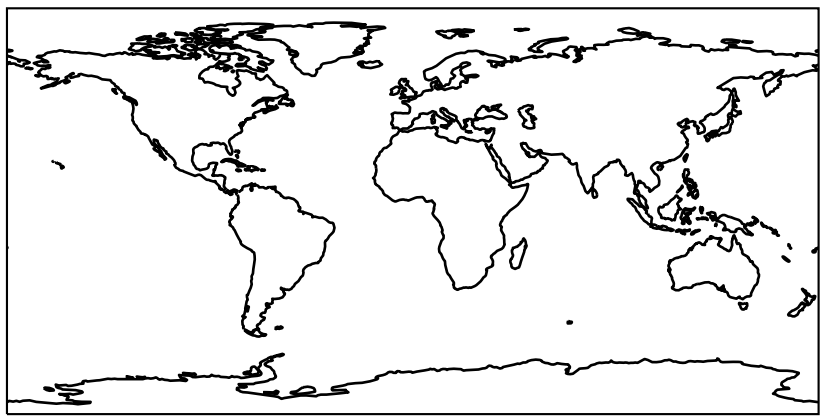
GCHP_13.0.0 (Ref)
c48





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kg/m2/s

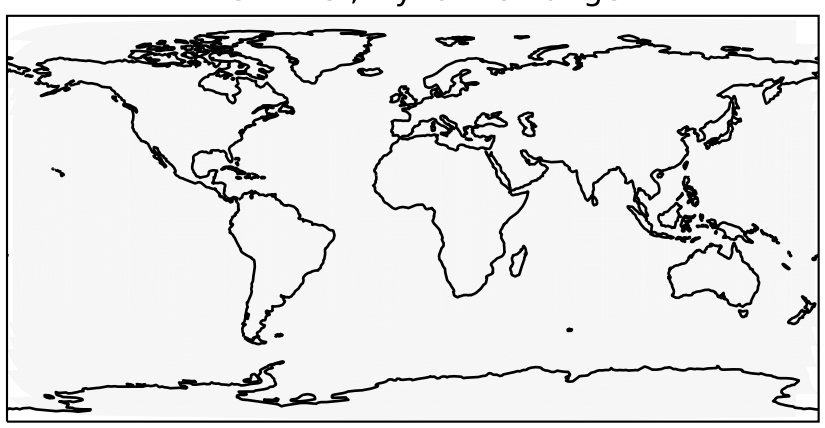
GCHP_13.2.0 (Dev)
c48





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kg/m2/s

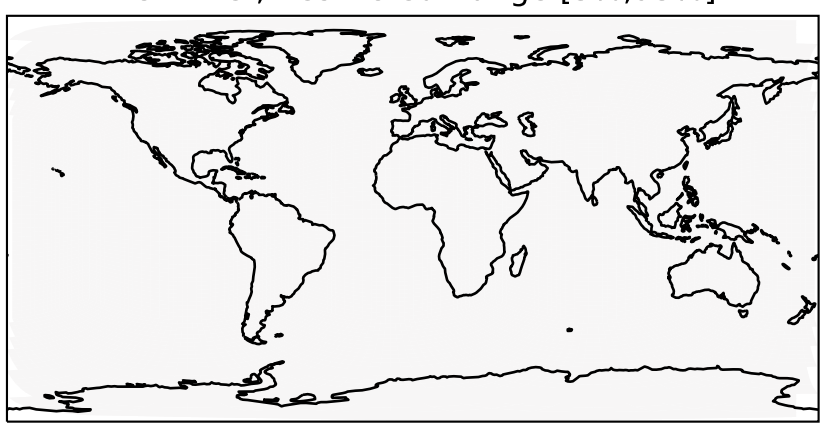
Difference
Dev - Ref, Dynamic Range





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kg/m2/s

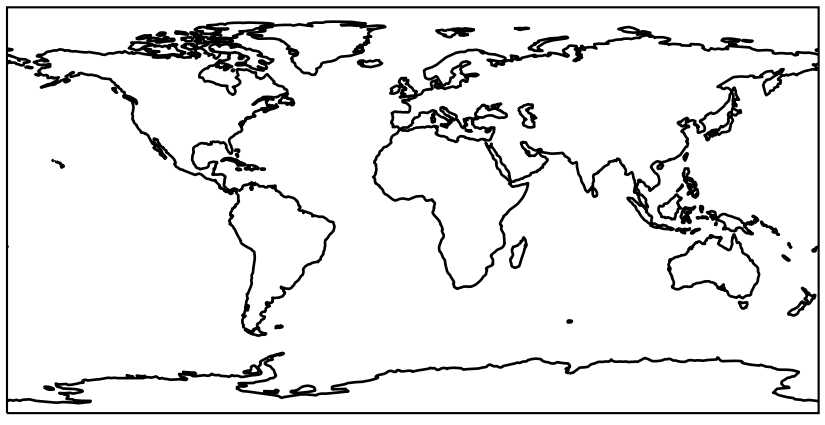
Difference
Dev - Ref, Restricted Range [5%,95%]





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kg/m2/s

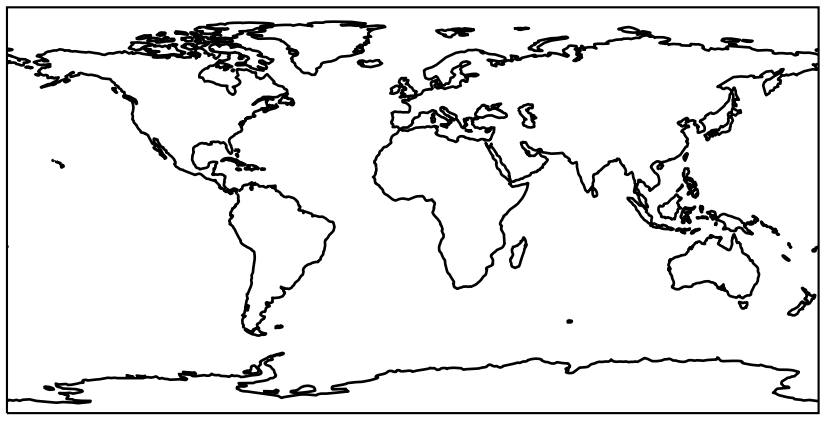
Ratio
Dev/Ref, Dynamic Range





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unitless

Ratio
Dev/Ref, Fixed Range

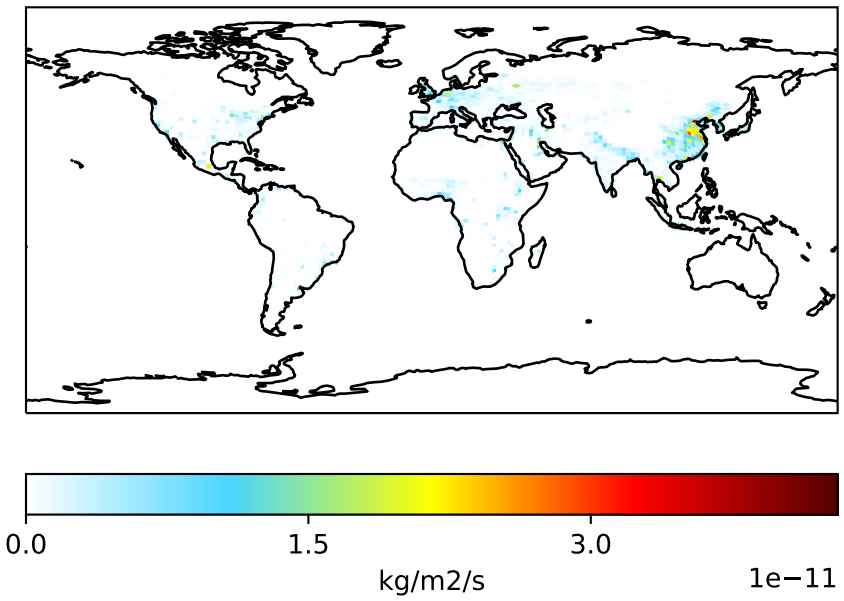




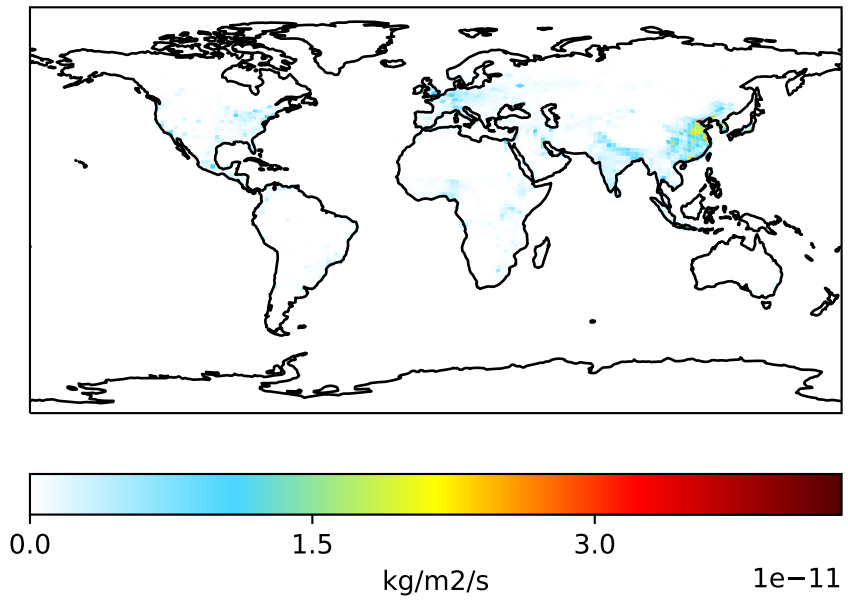
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EmisMEK_Anthro (Apr2019)

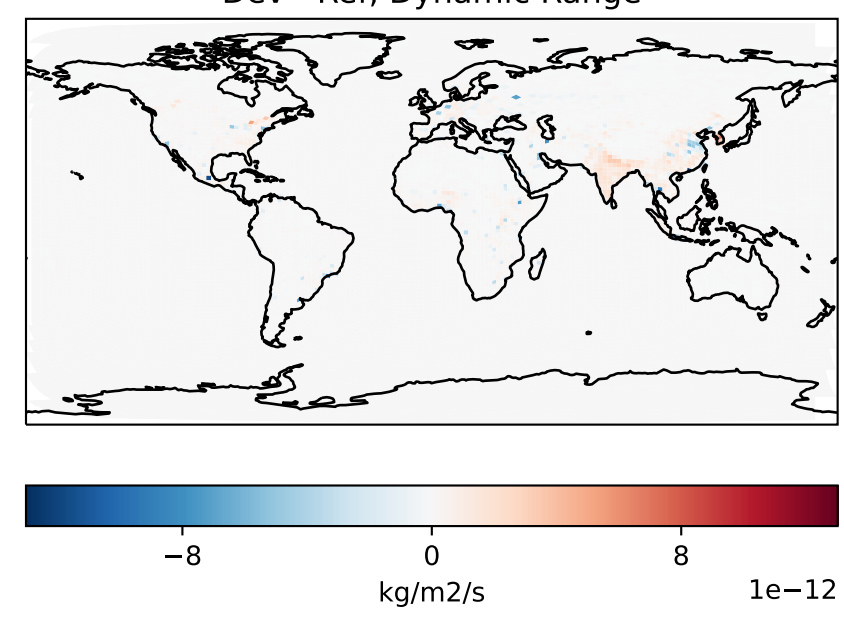
GCHP_13.0.0 (Ref)
c48



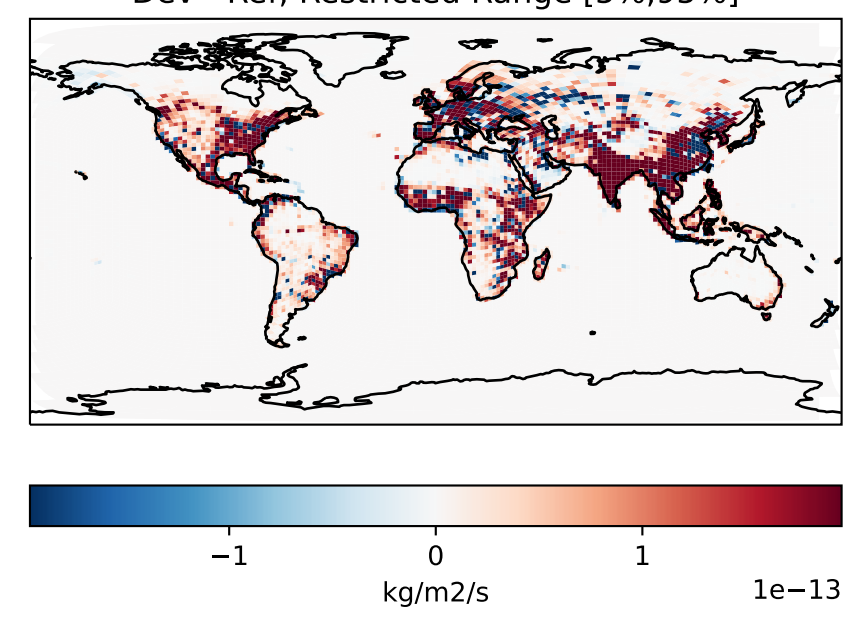
GCHP_13.2.0 (Dev)
c48



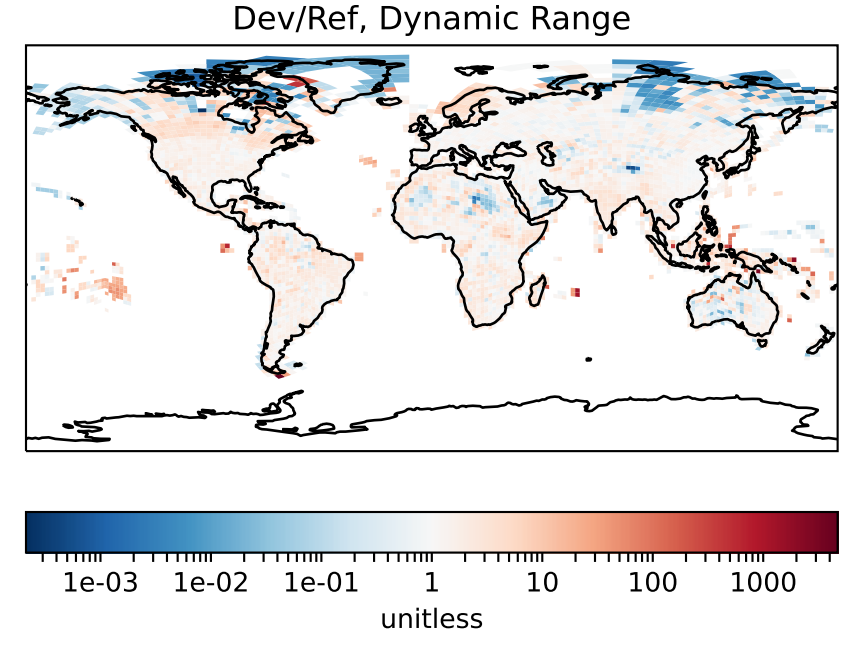
Difference
Dev - Ref, Dynamic Range



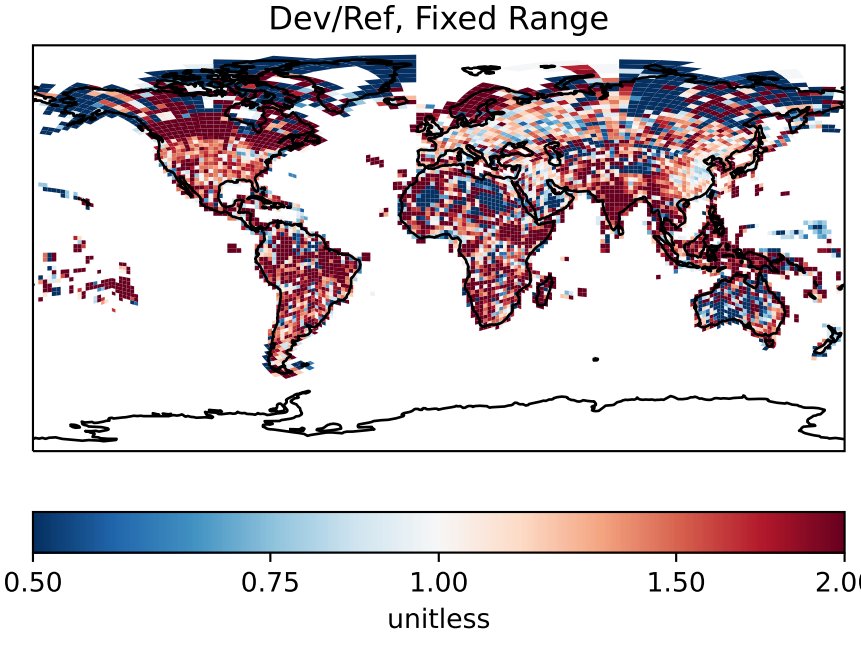
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

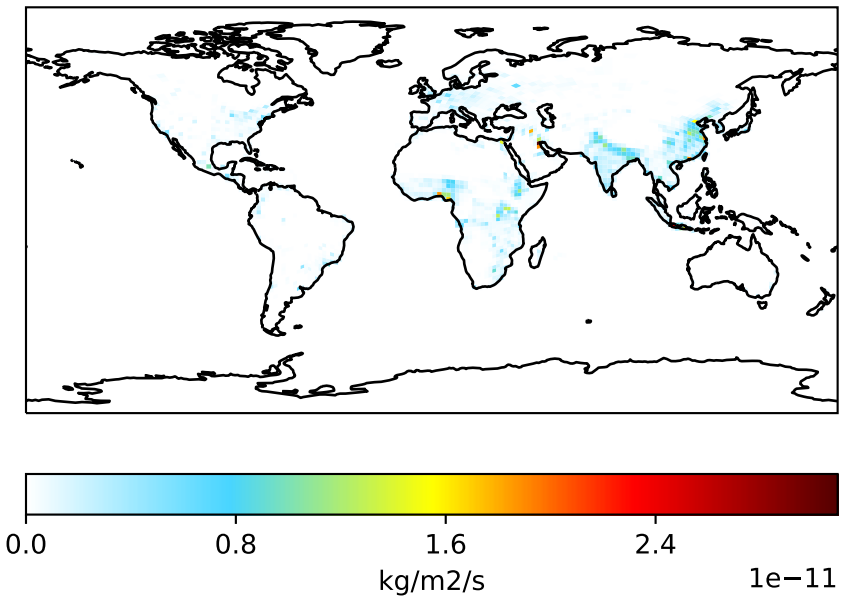


Ratio
Dev/Ref, Fixed Range

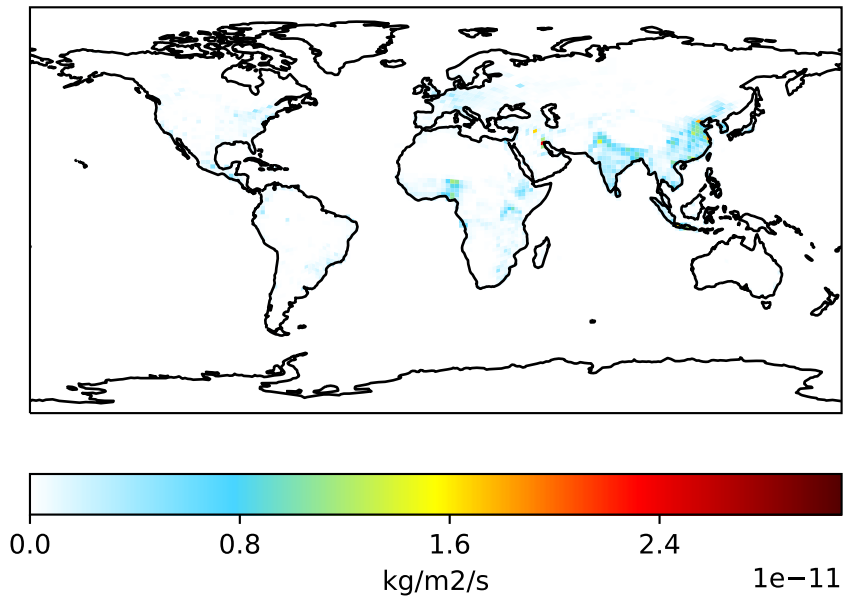


EmisMOH_Anthro (Apr2019)

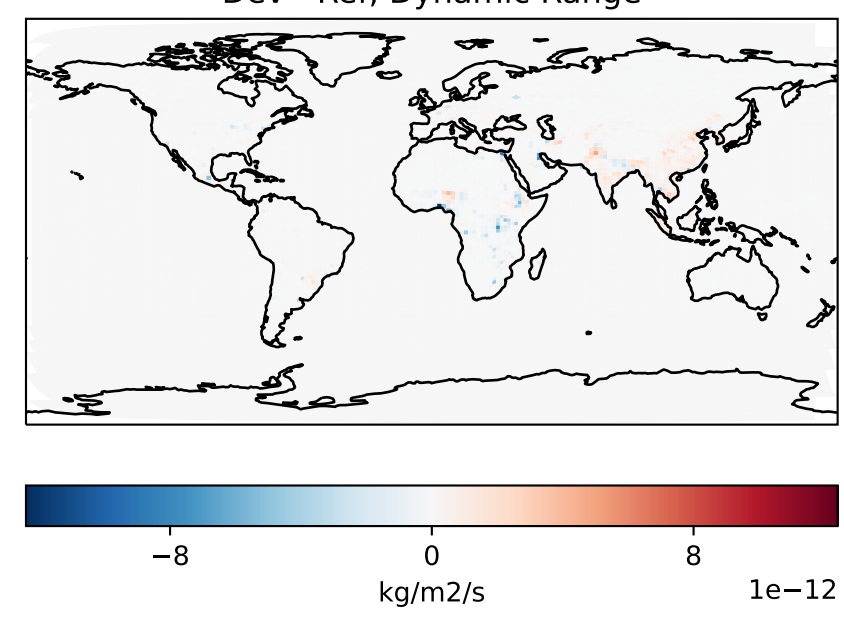
GCHP_13.0.0 (Ref)
c48



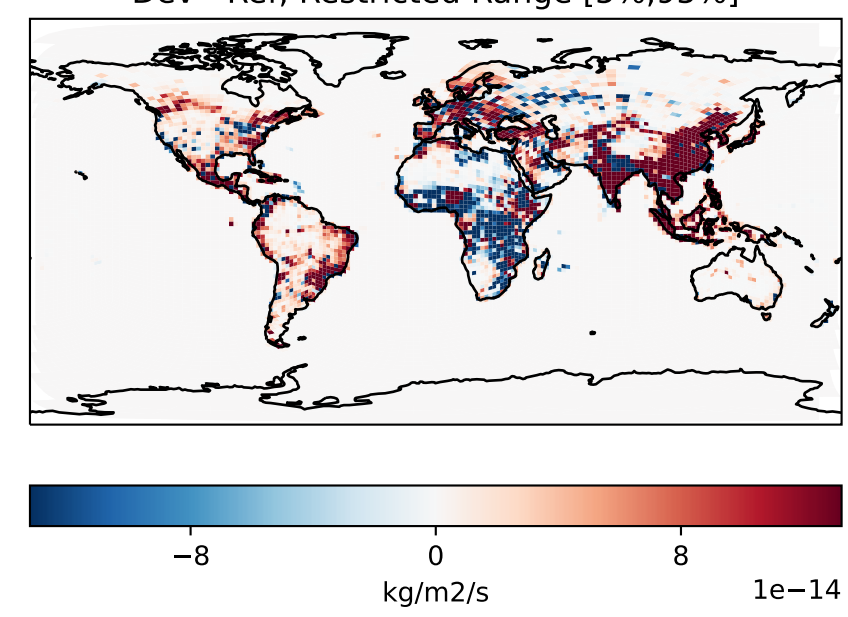
GCHP_13.2.0 (Dev)
c48



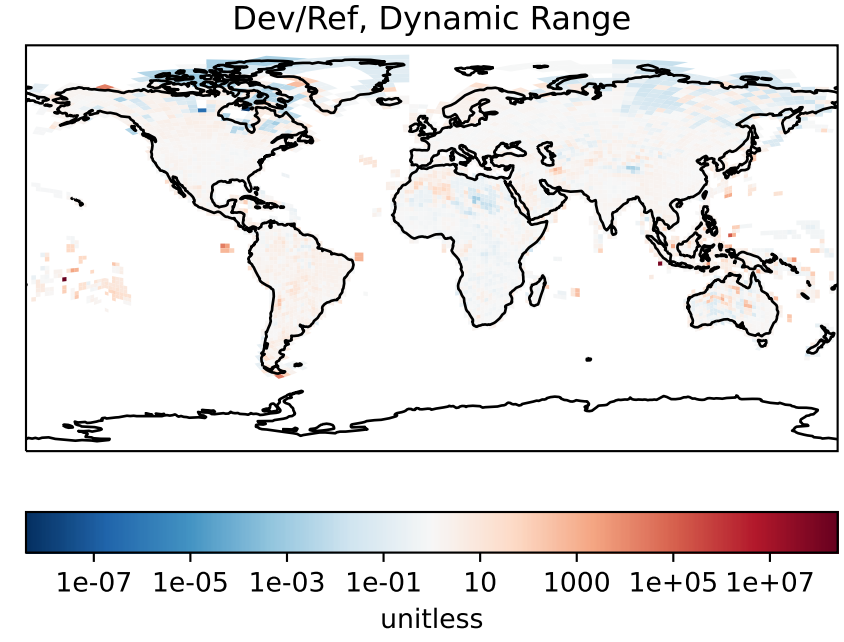
Difference
Dev - Ref, Dynamic Range



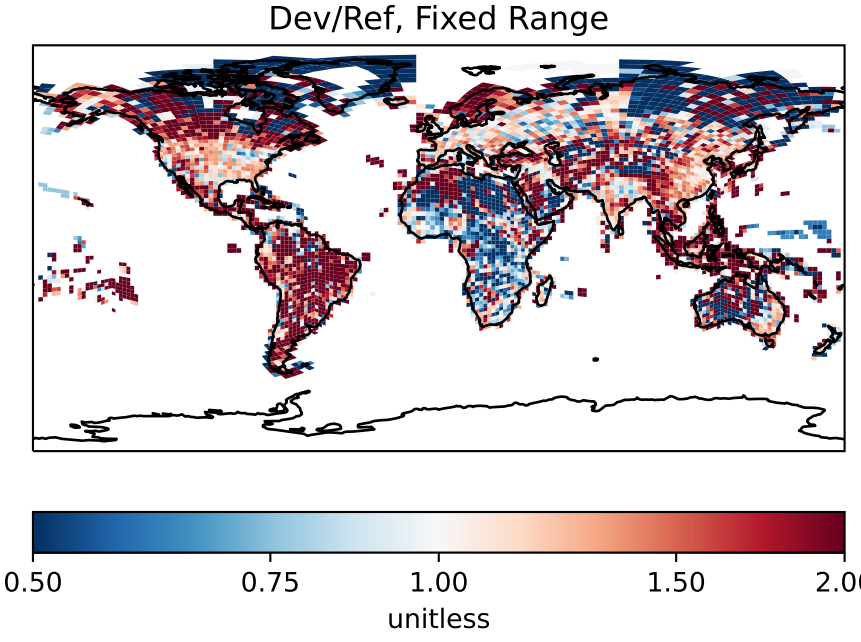
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

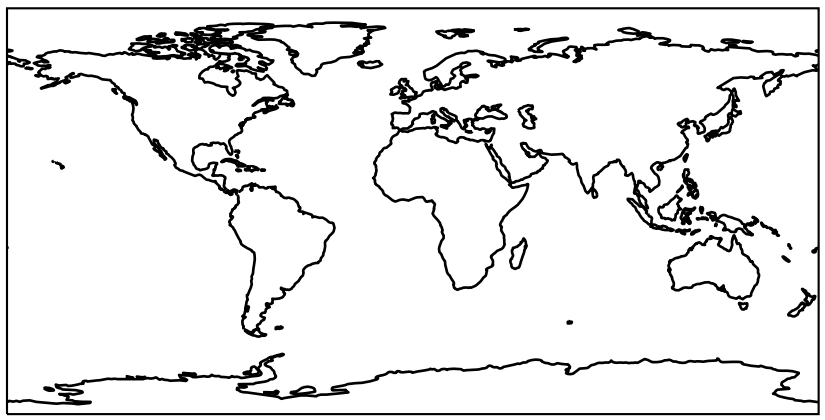


Ratio
Dev/Ref, Fixed Range



EmisMVK_Anthro (Apr2019)

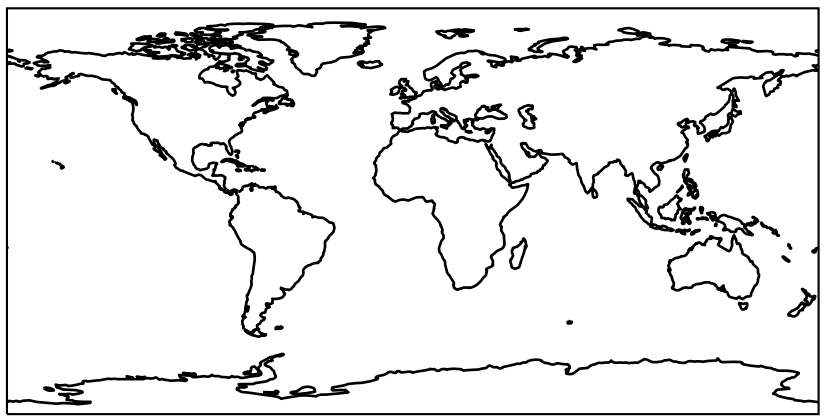
GCHP_13.0.0 (Ref)
c48





Zero throughout domain
kg/m2/s

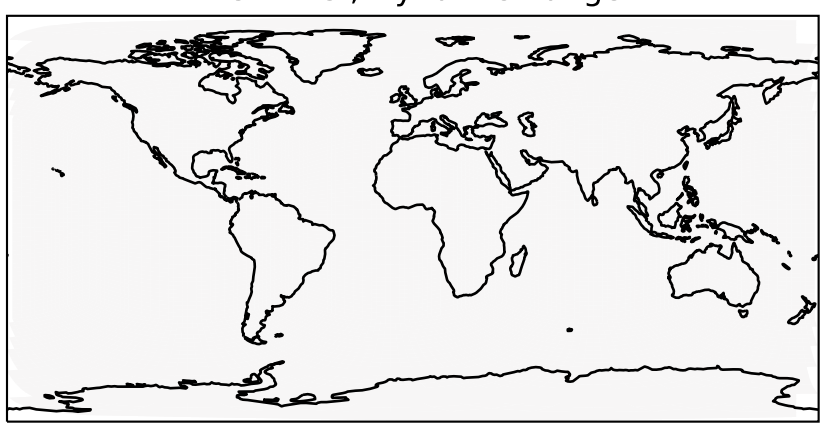
GCHP_13.2.0 (Dev)
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kg/m2/s

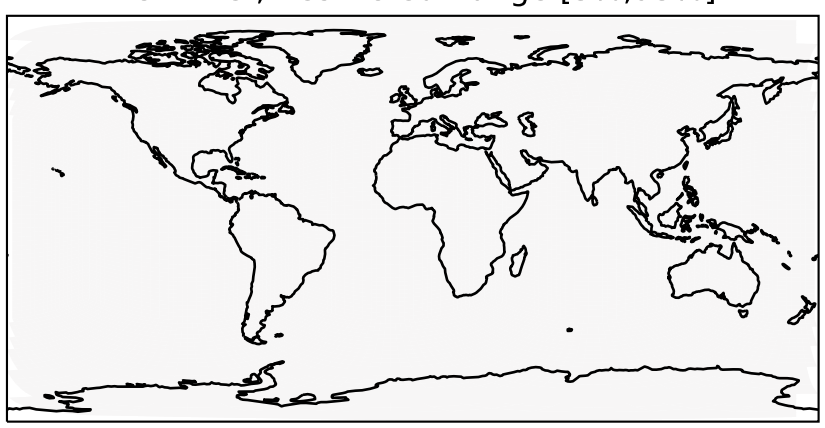
Difference
Dev - Ref, Dynamic Range





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kg/m2/s

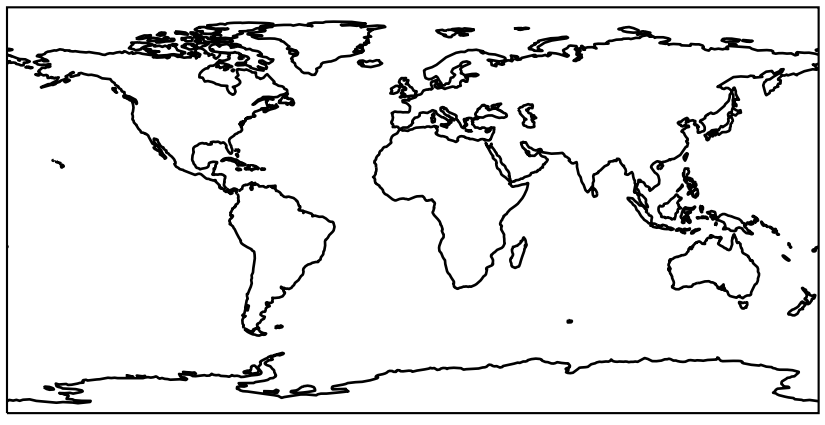
Difference
Dev - Ref, Restricted Range [5%,95%]





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kg/m2/s

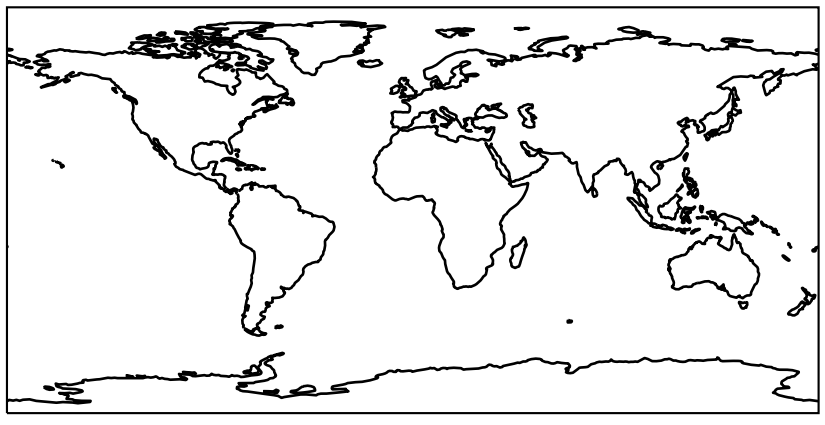
Ratio
Dev/Ref, Dynamic Range





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unitless

Ratio
Dev/Ref, Fixed Range

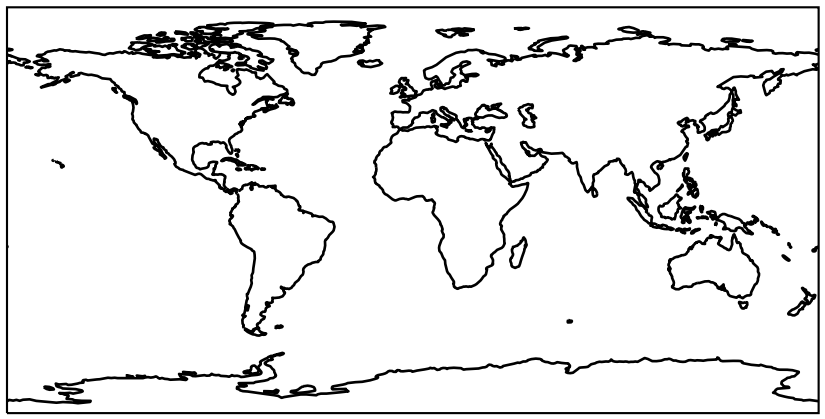




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EmisNAP_Anthro (Apr2019)

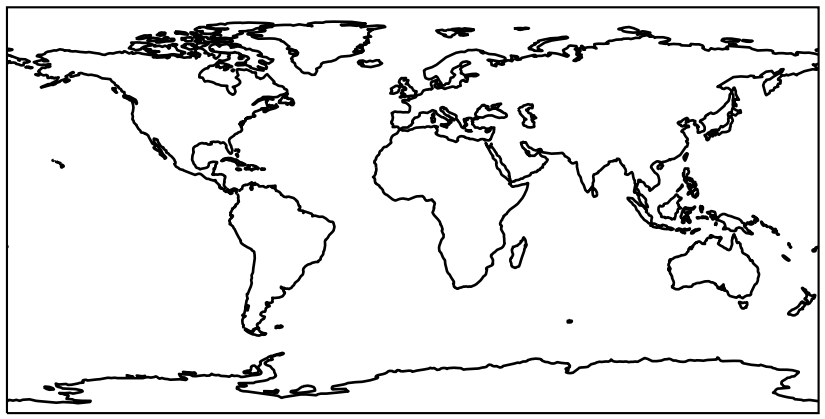
GCHP_13.0.0 (Ref)
c48





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kg/m2/s

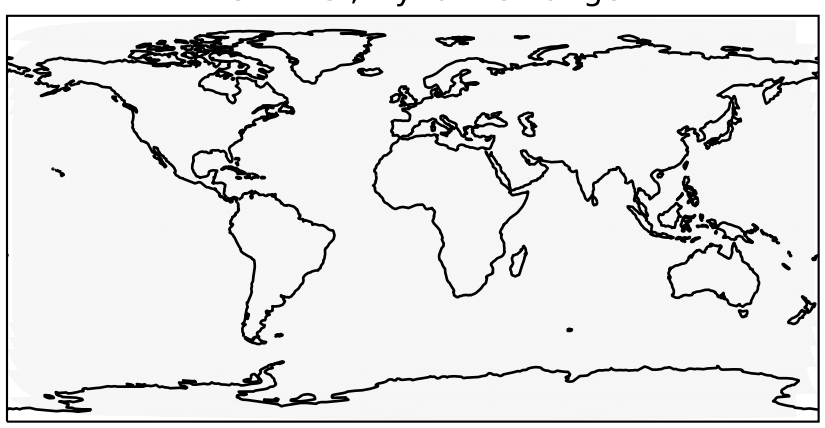
GCHP_13.2.0 (Dev)
c48





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kg/m2/s

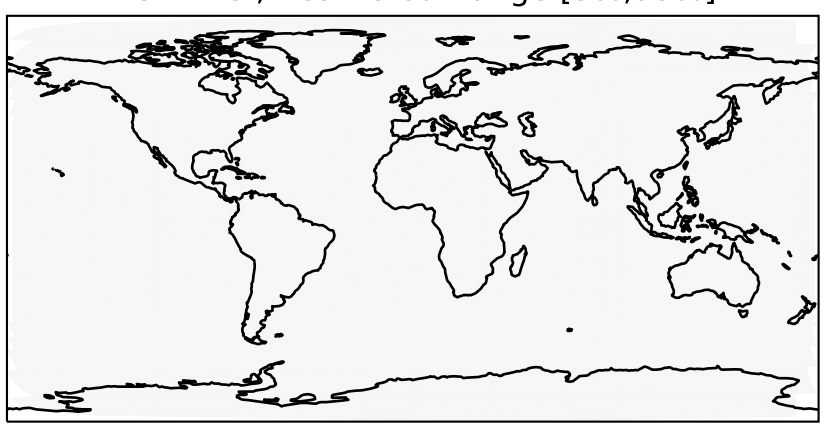
Difference
Dev - Ref, Dynamic Range





Zero throughout domain
kg/m2/s

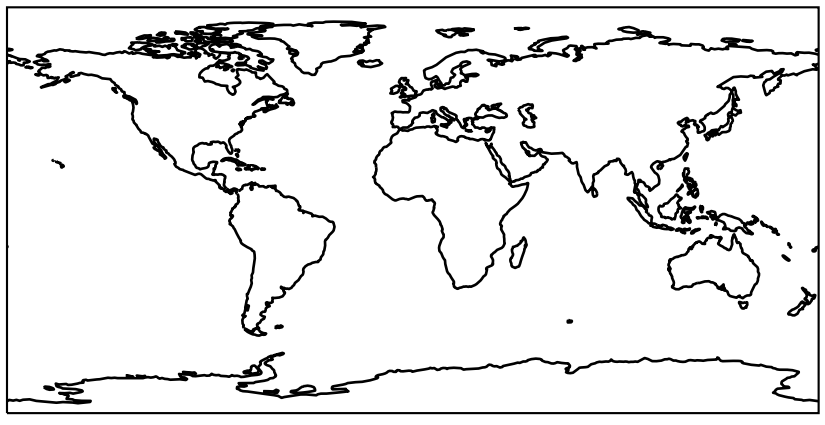
Difference
Dev - Ref, Restricted Range [5%,95%]





Zero throughout domain
kg/m2/s

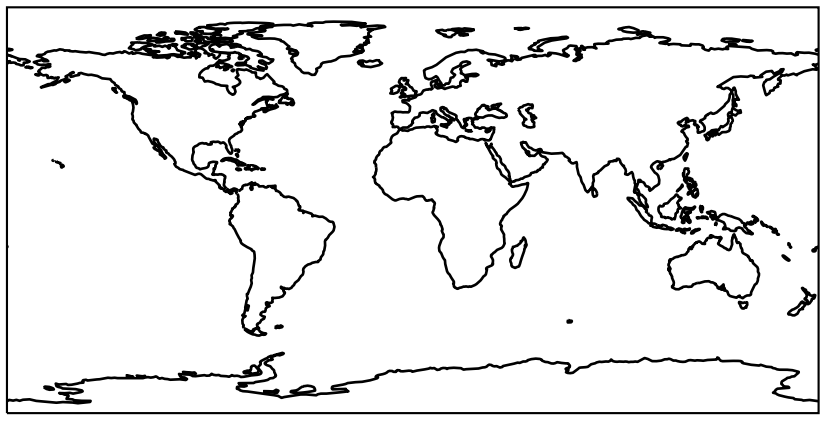
Ratio
Dev/Ref, Dynamic Range





Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range

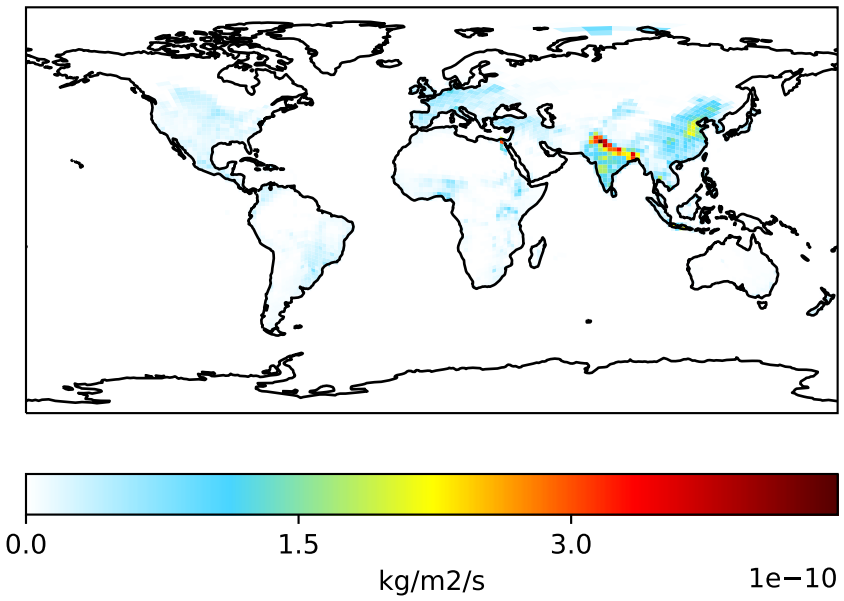




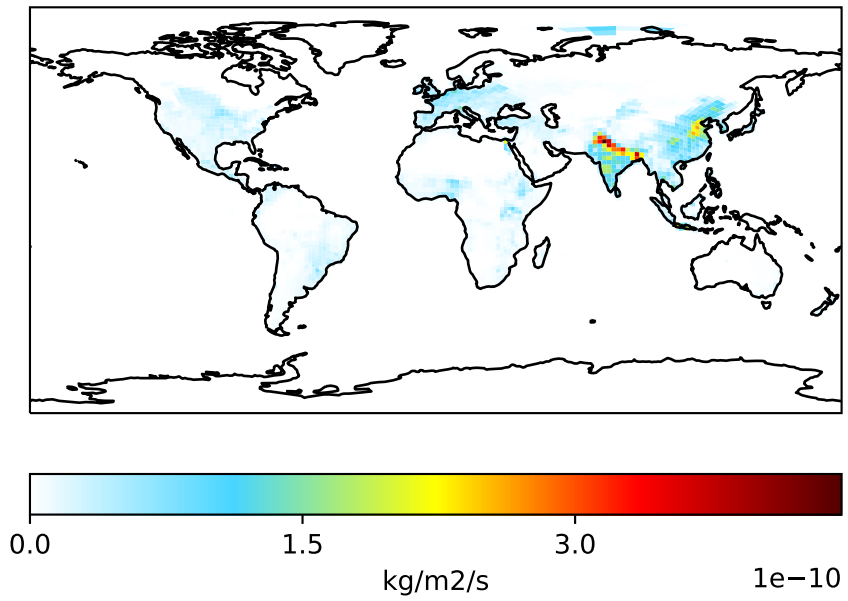
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EmisNH3_Anthro (Apr2019)

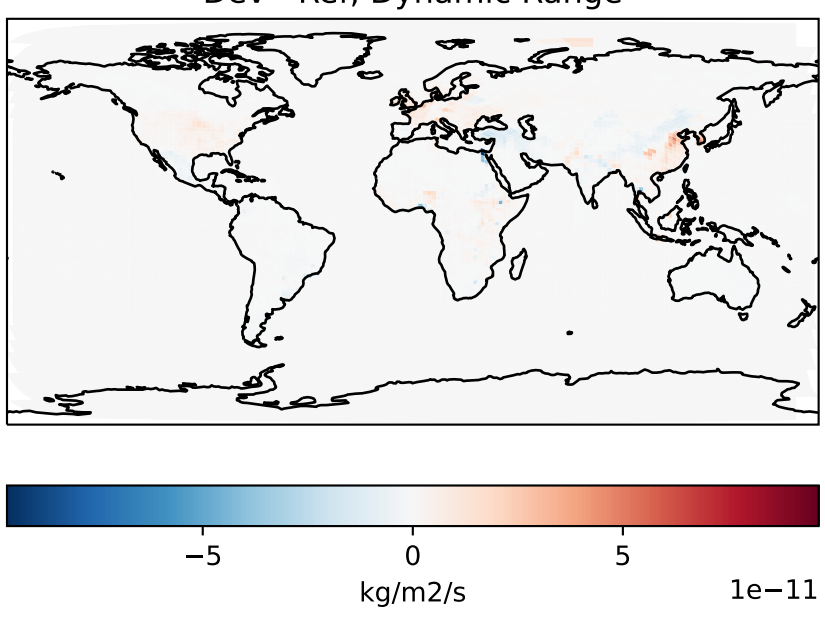
GCHP_13.0.0 (Ref)
c48



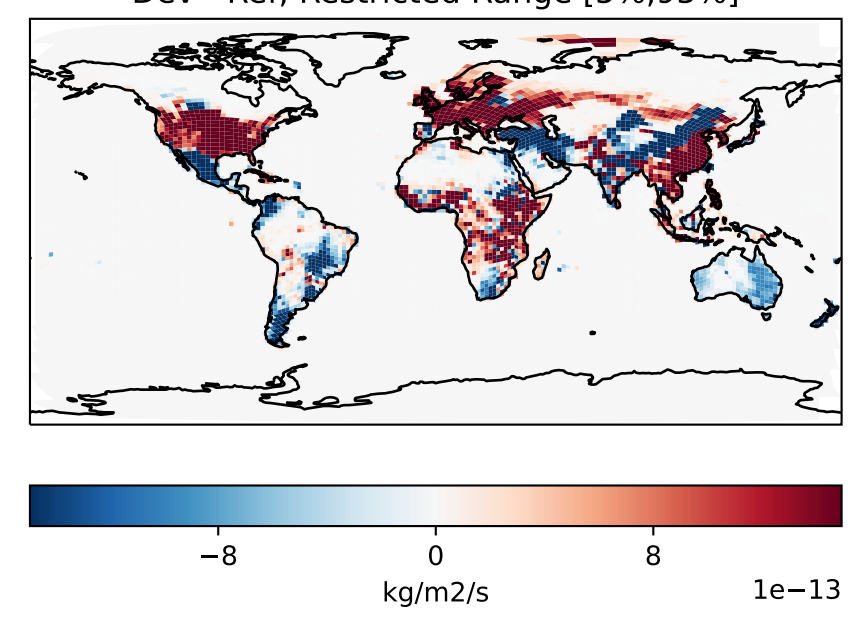
GCHP_13.2.0 (Dev)
c48



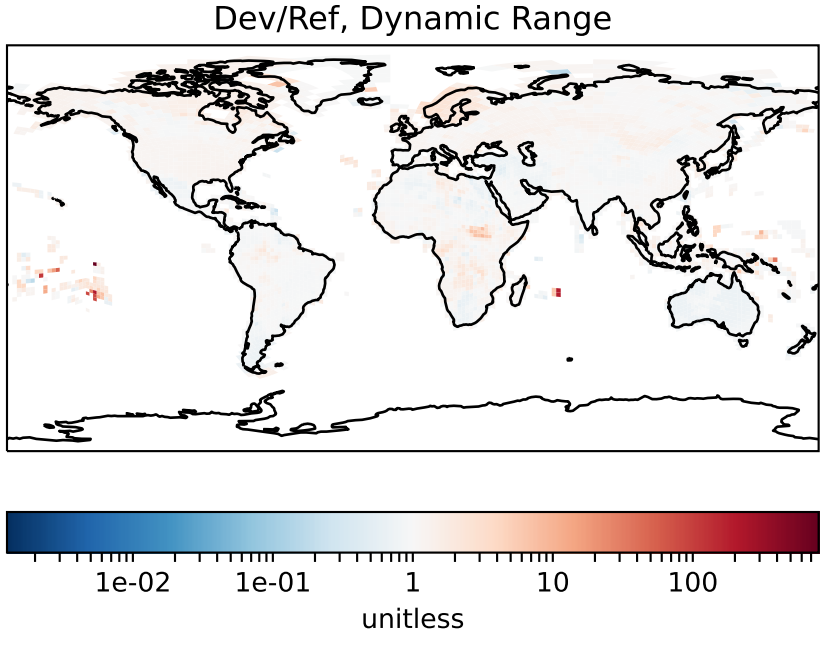
Difference
Dev - Ref, Dynamic Range



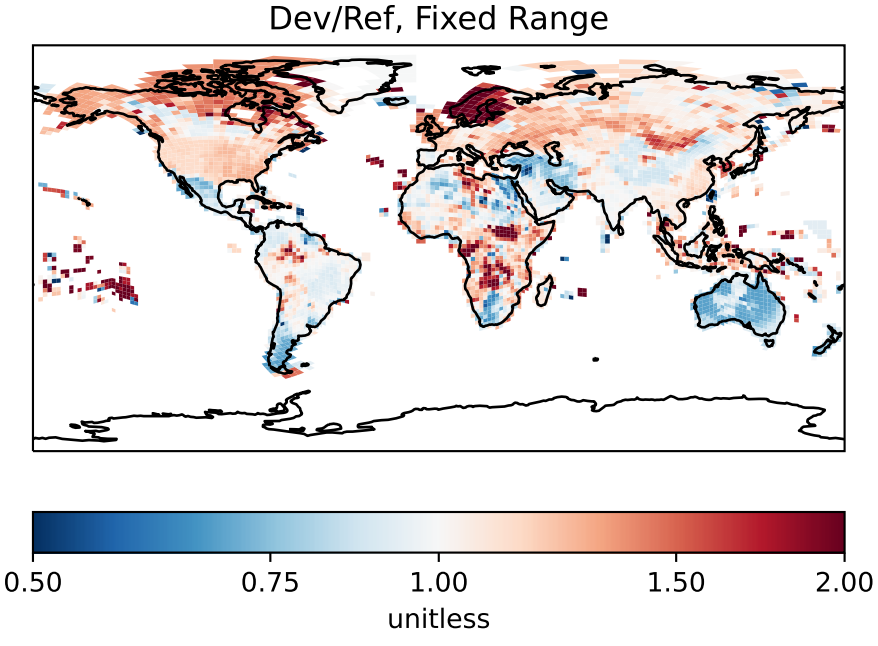
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

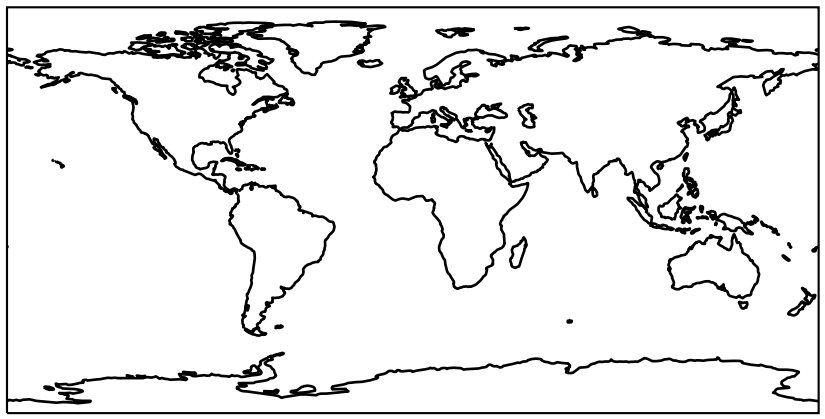


Ratio
Dev/Ref, Fixed Range



EmisNO2_Anthro (Apr2019)

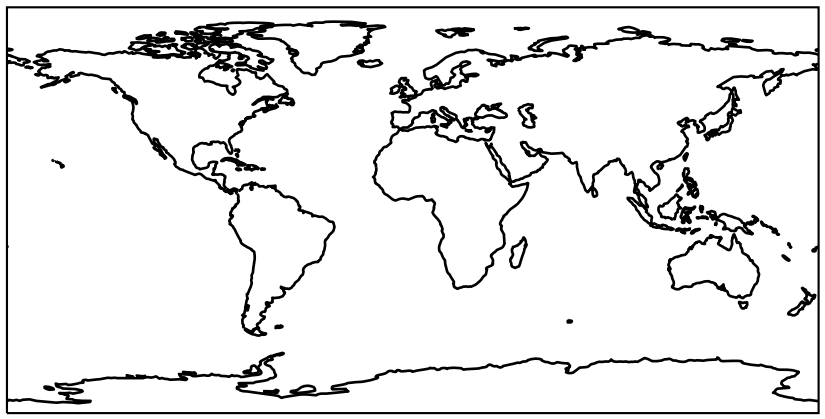
GCHP_13.0.0 (Ref)
c48





Zero throughout domain
kg/m2/s

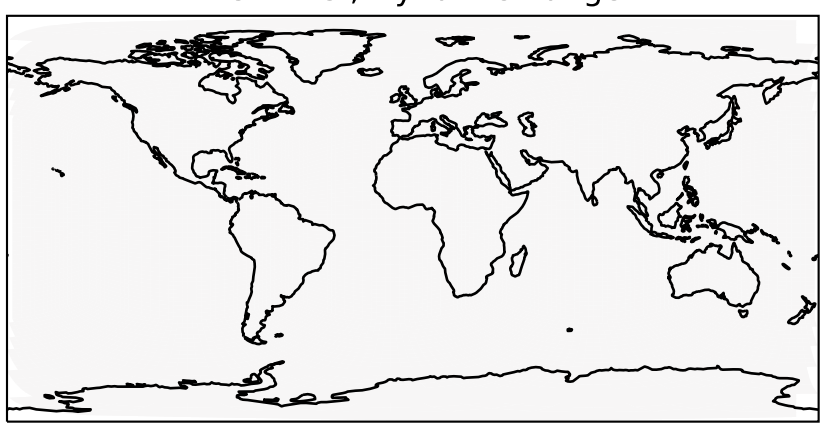
GCHP_13.2.0 (Dev)
c48





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kg/m2/s

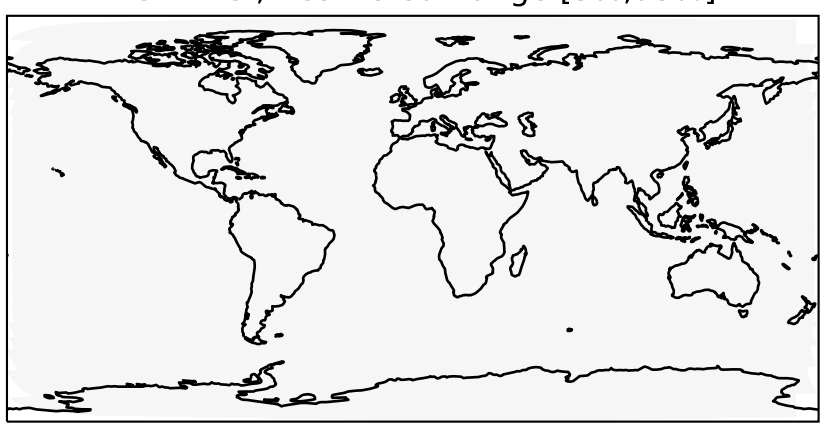
Difference
Dev - Ref, Dynamic Range





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kg/m2/s

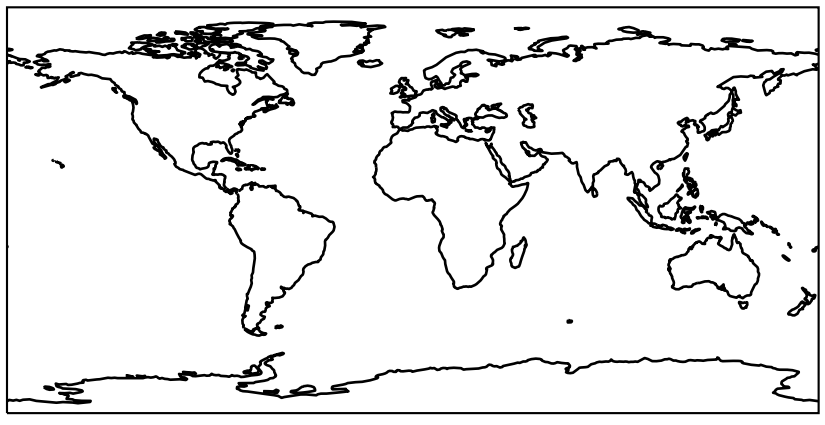
Difference
Dev - Ref, Restricted Range [5%,95%]





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kg/m2/s

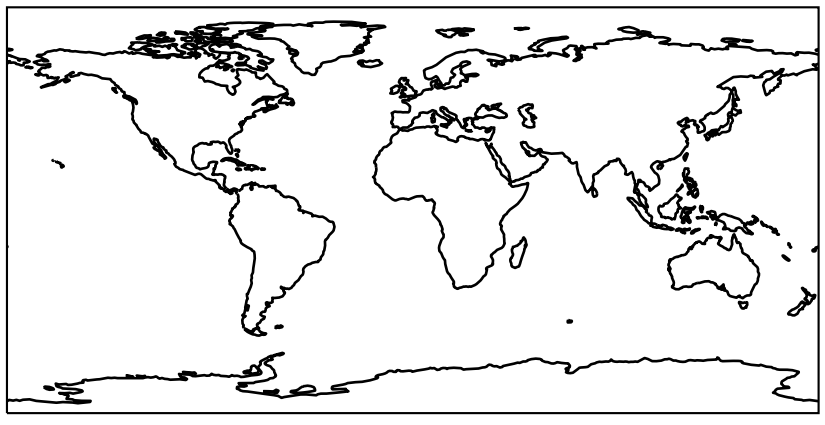
Ratio
Dev/Ref, Dynamic Range





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unitless

Ratio
Dev/Ref, Fixed Range

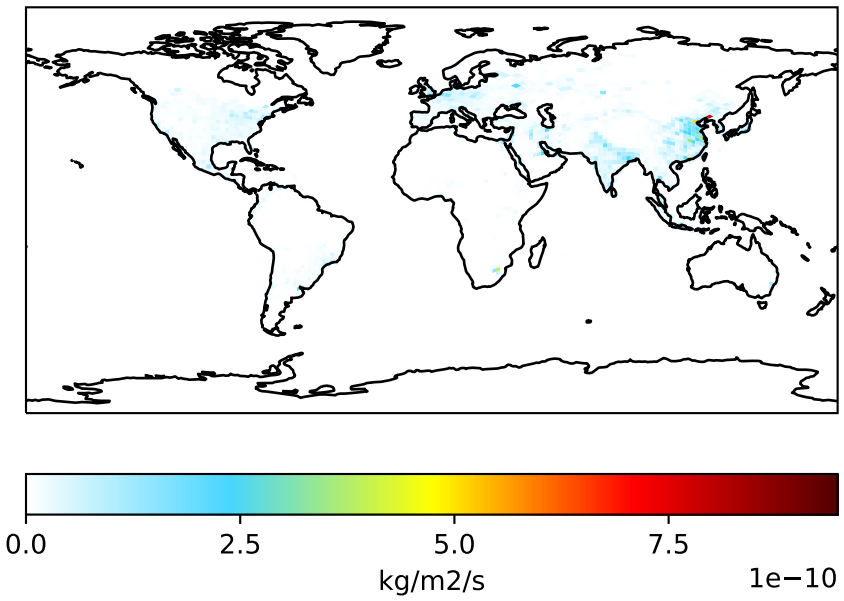




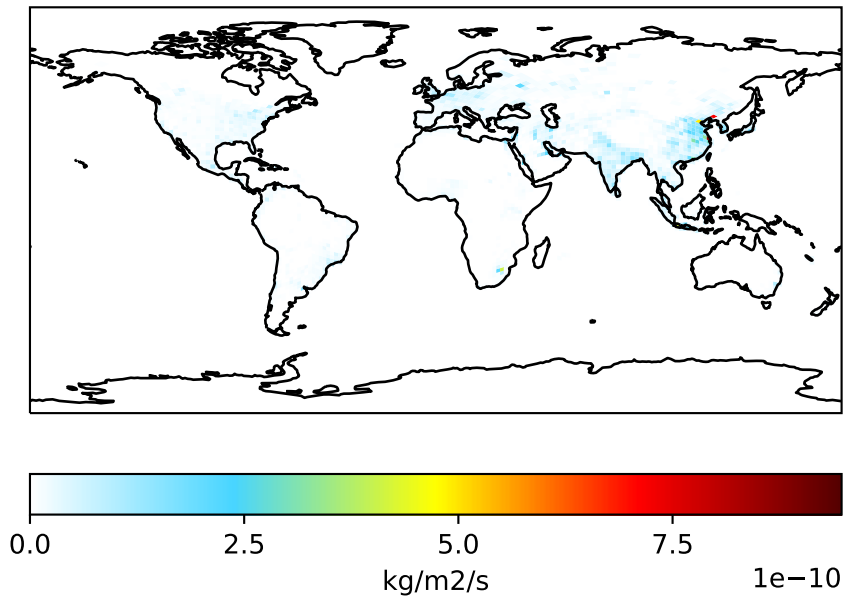
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EmisNO_Anthro (Apr2019)

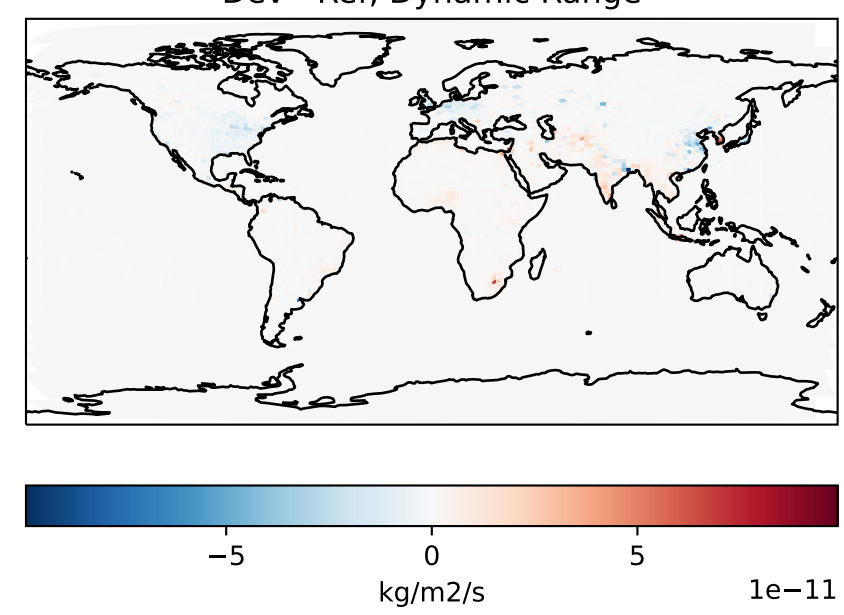
GCHP_13.0.0 (Ref)
c48



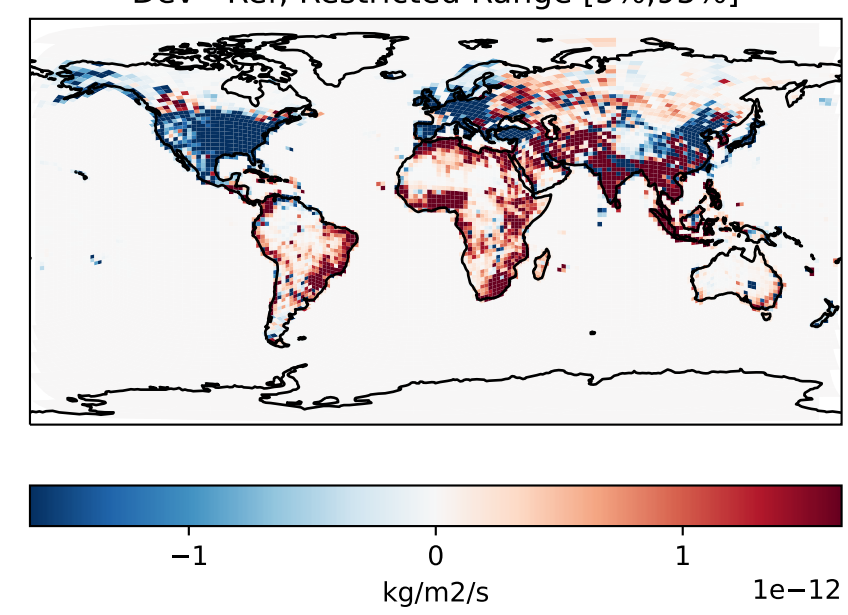
GCHP_13.2.0 (Dev)
c48



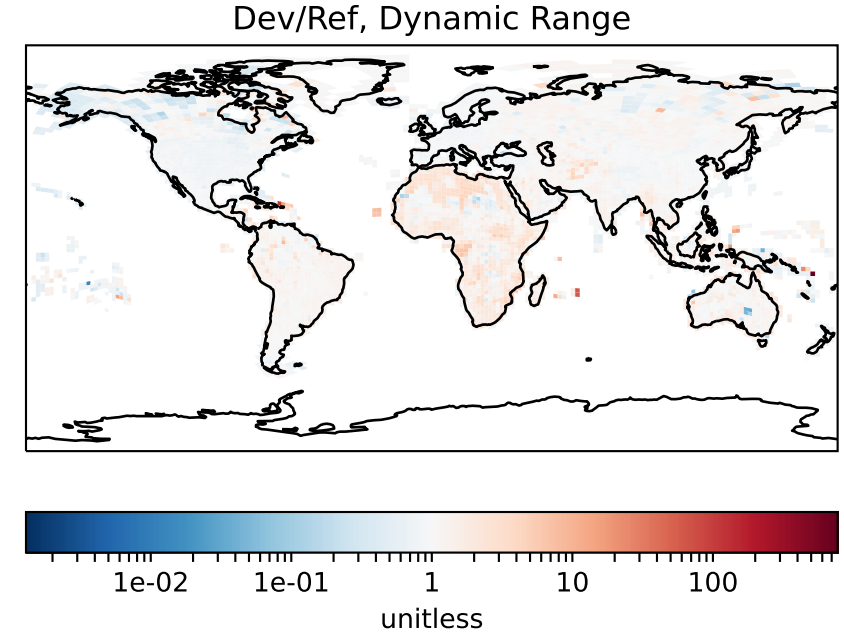
Difference
Dev - Ref, Dynamic Range



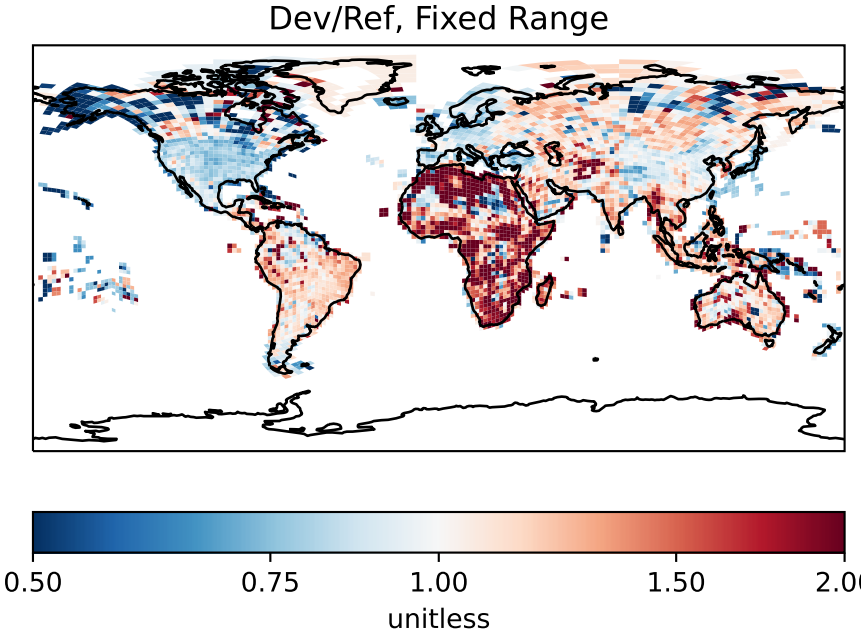
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

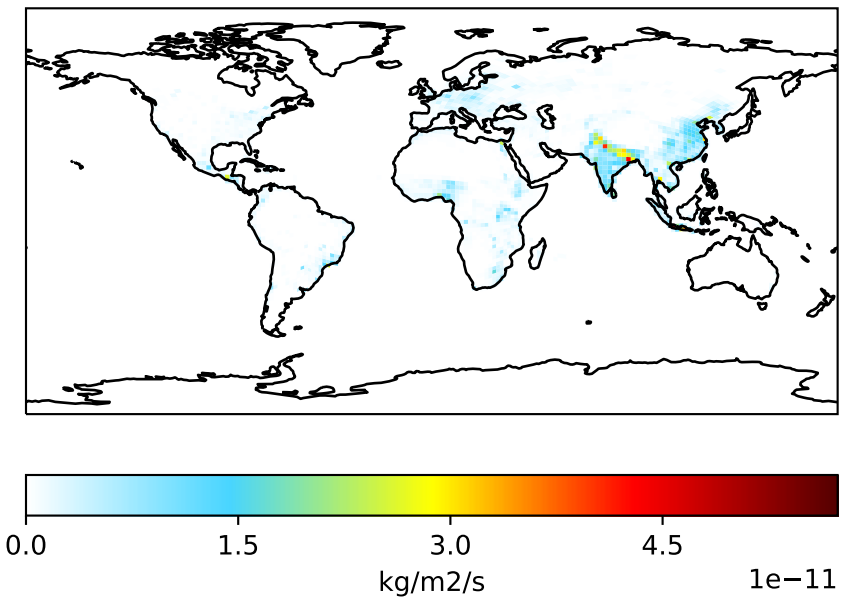


Ratio
Dev/Ref, Fixed Range

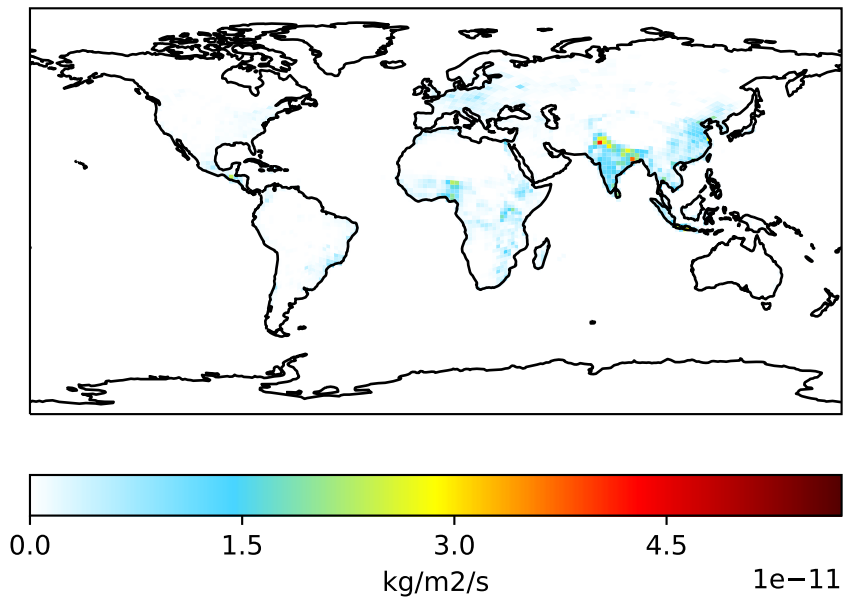


EmisOCPI_Anthro (Apr2019)

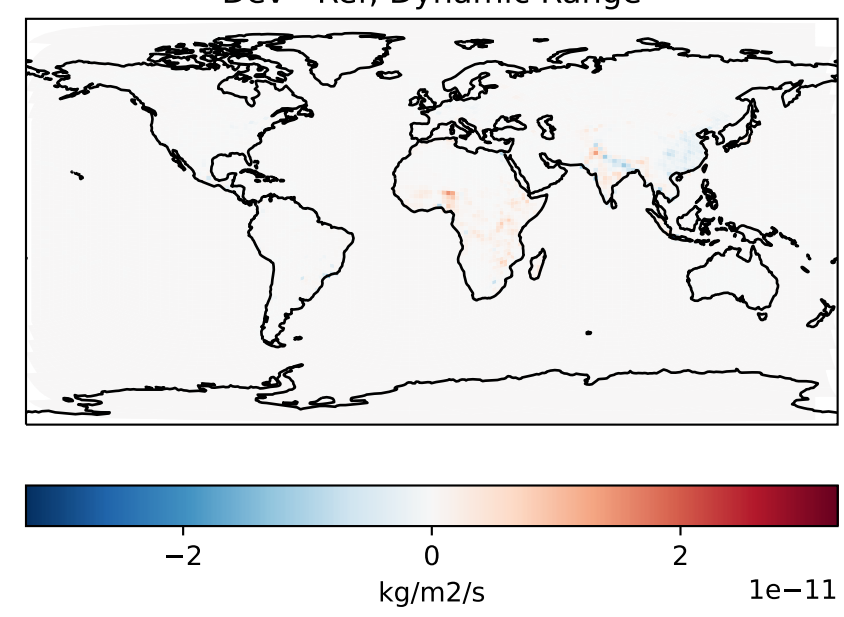
GCHP_13.0.0 (Ref)
c48



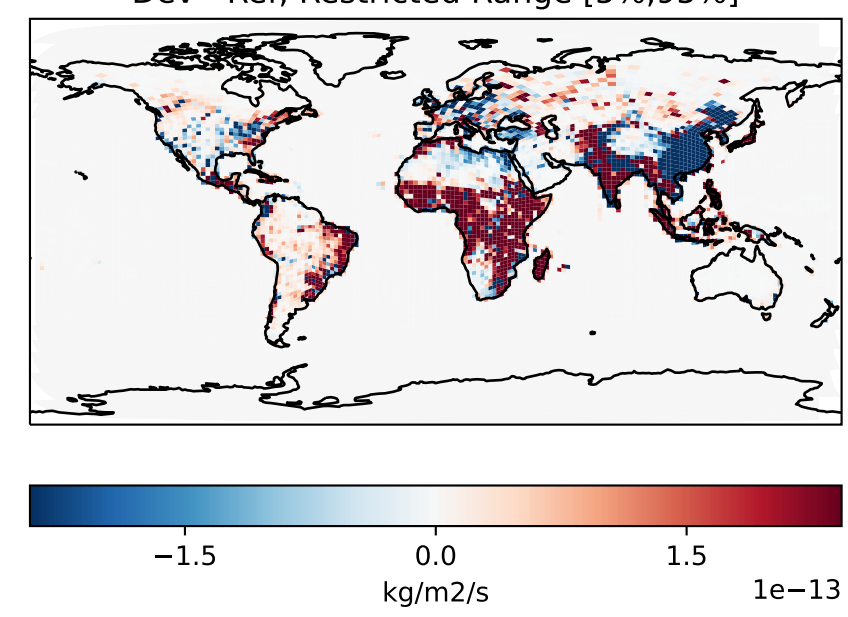
GCHP_13.2.0 (Dev)
c48



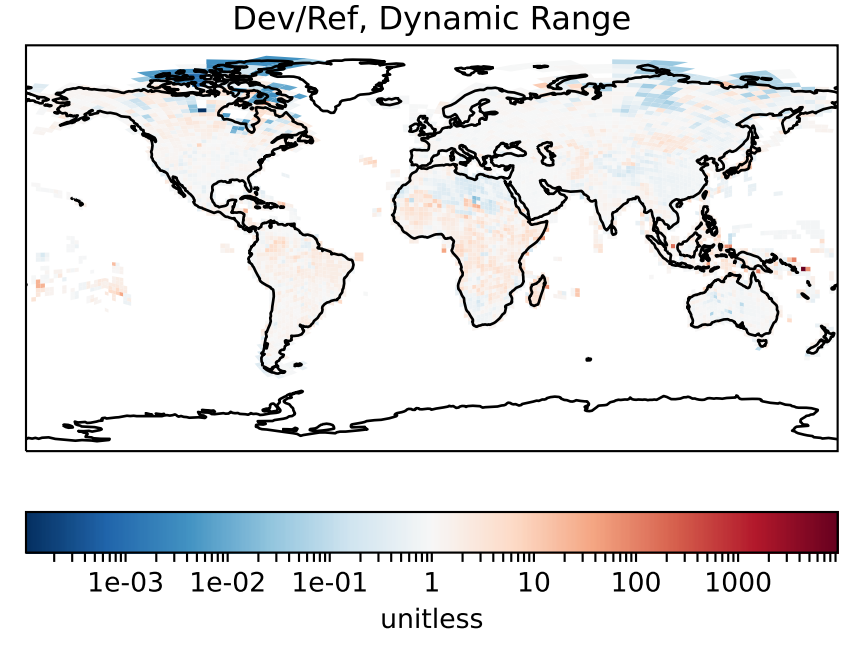
Difference
Dev - Ref, Dynamic Range



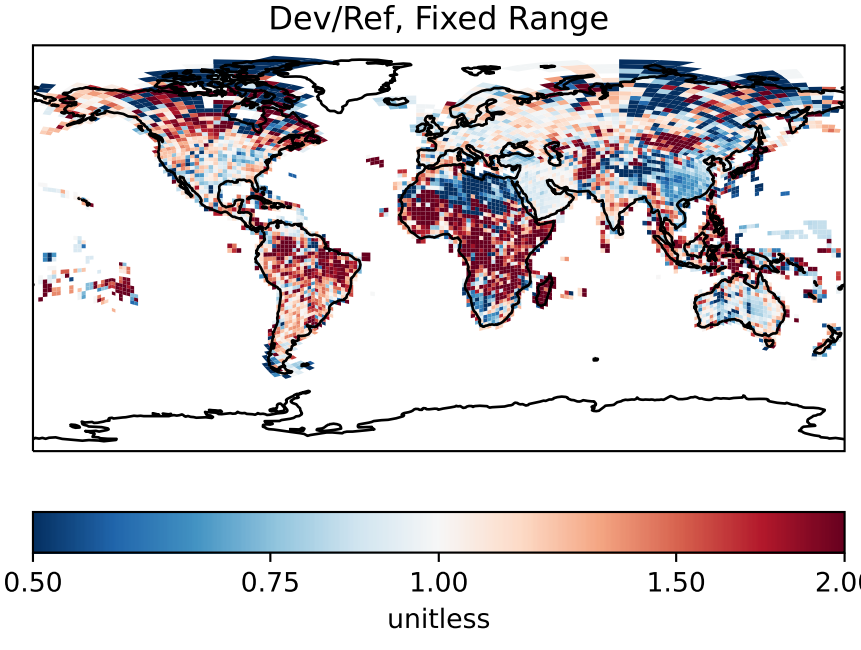
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

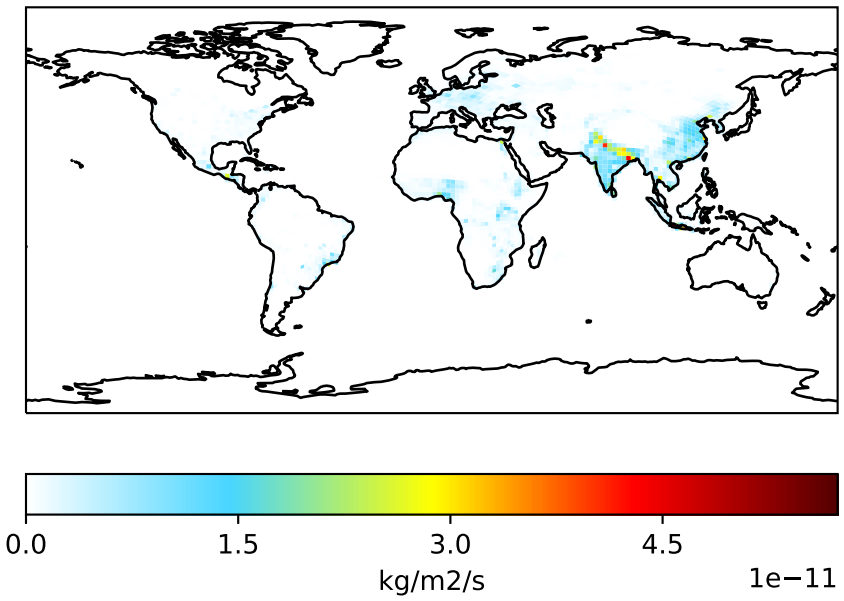


Ratio
Dev/Ref, Fixed Range

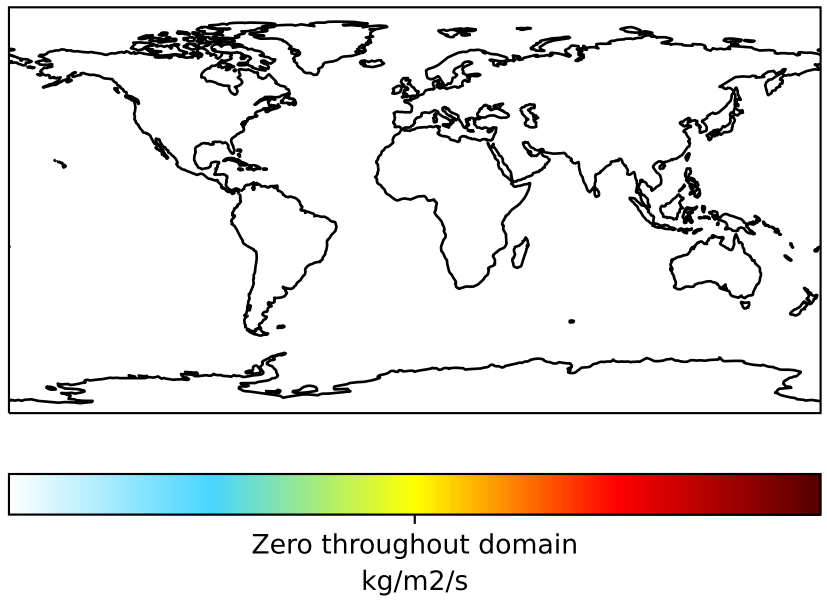


EmisOCPO_Anthro (Apr2019)

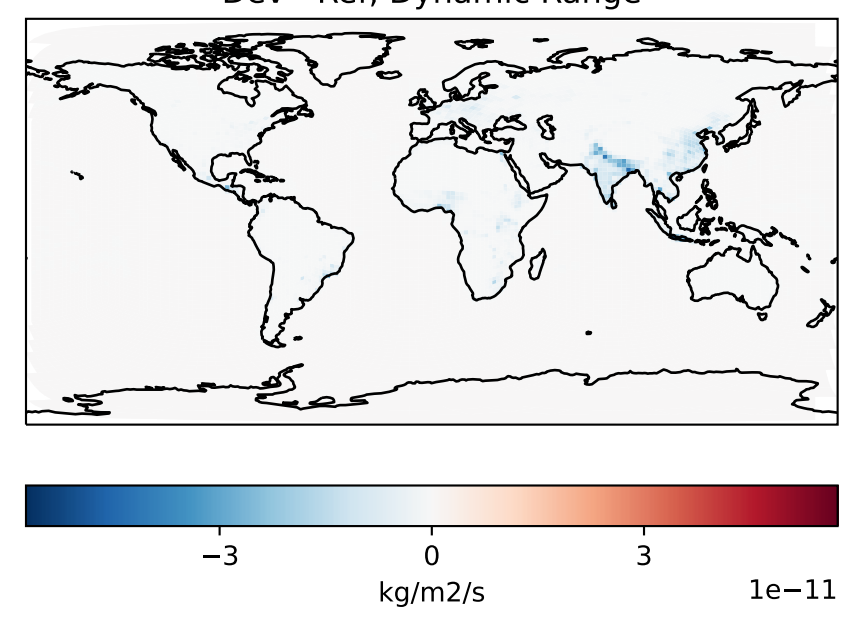
GCHP_13.0.0 (Ref)
c48



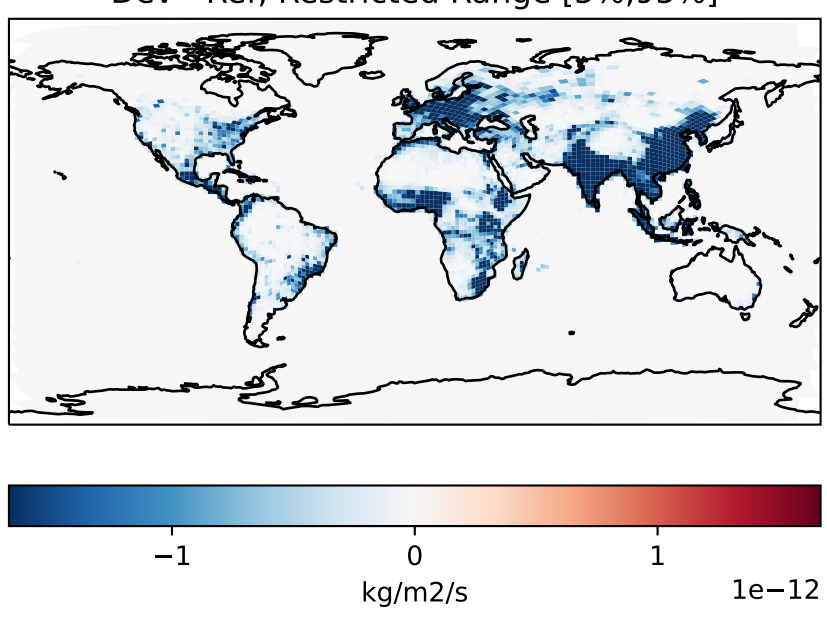
GCHP_13.2.0 (Dev)
c48



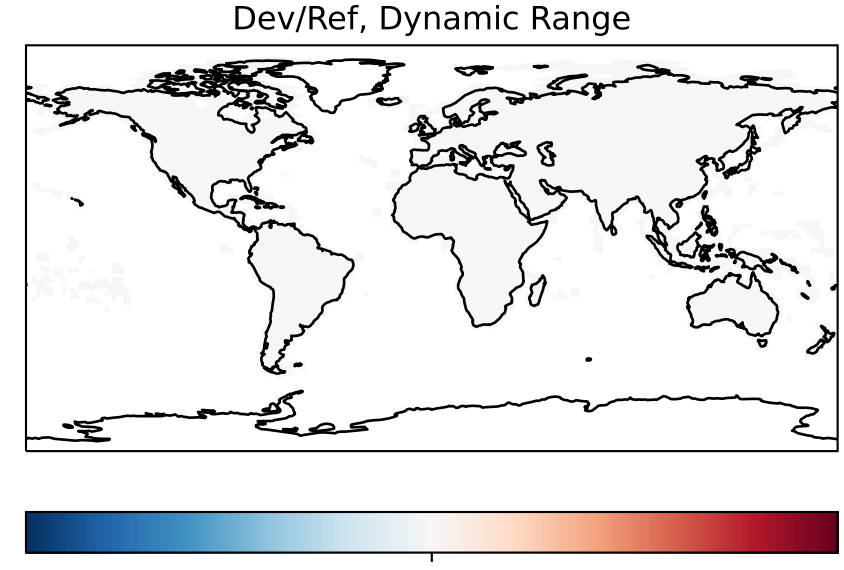
Difference
Dev - Ref, Dynamic Range



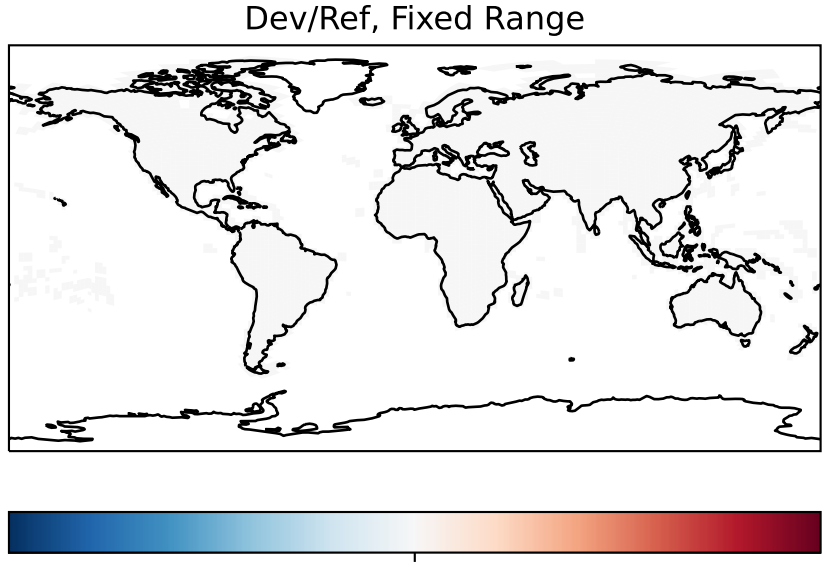
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

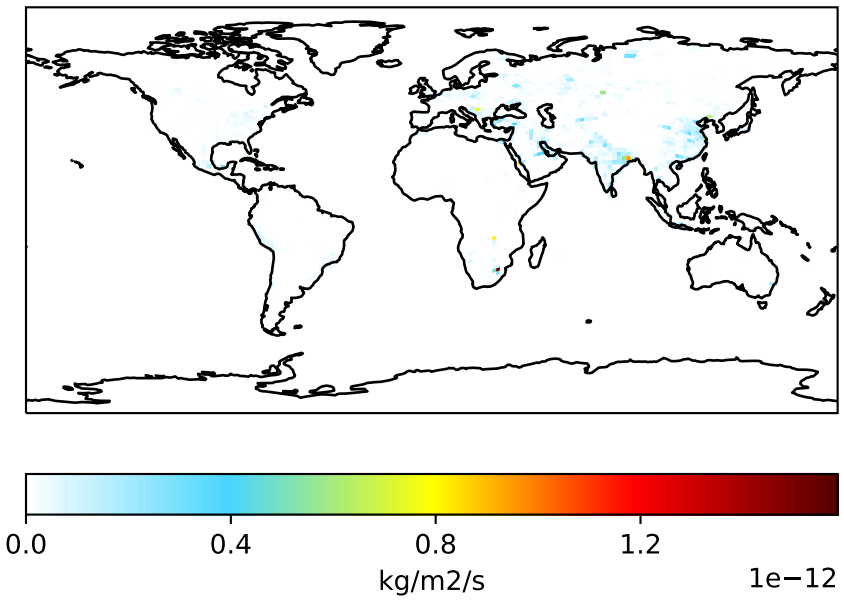


Ratio
Dev/Ref, Fixed Range

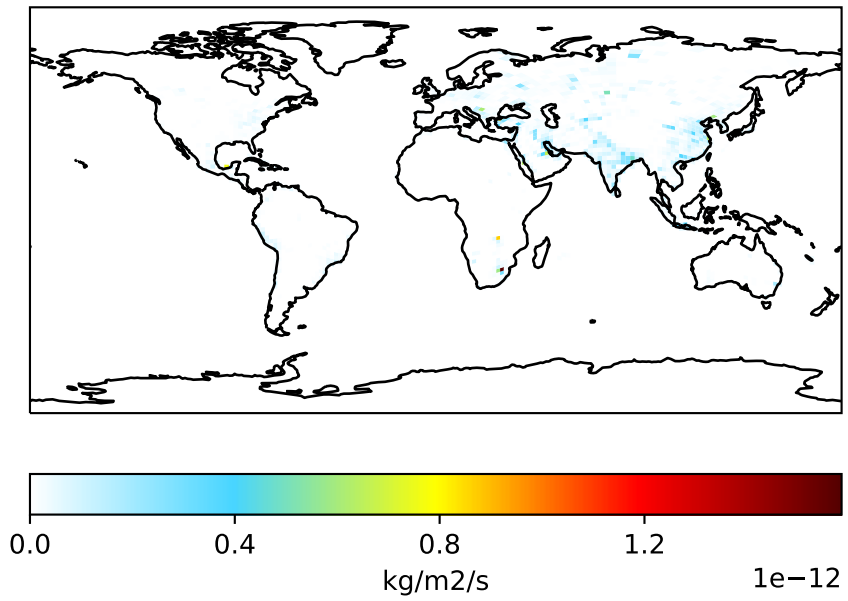


EmispFe_Anthro (Apr2019)

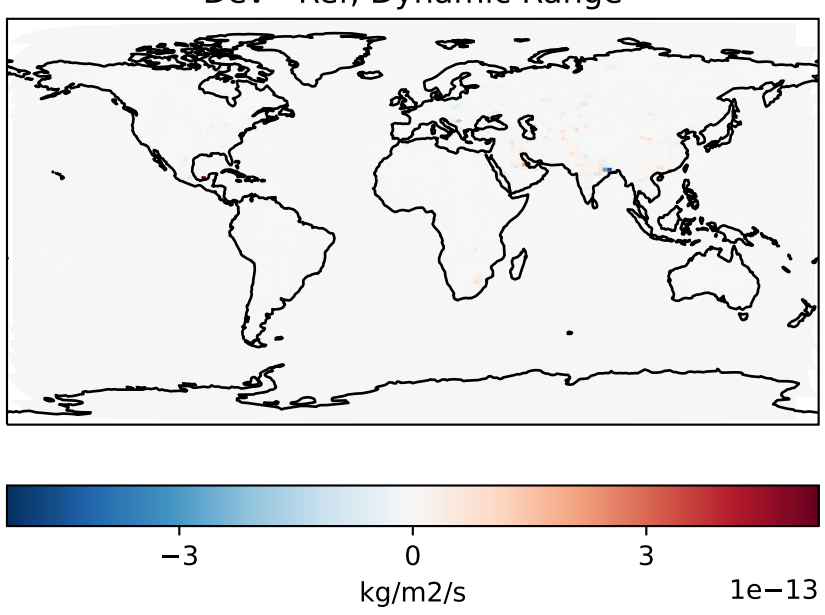
GCHP_13.0.0 (Ref)
c48



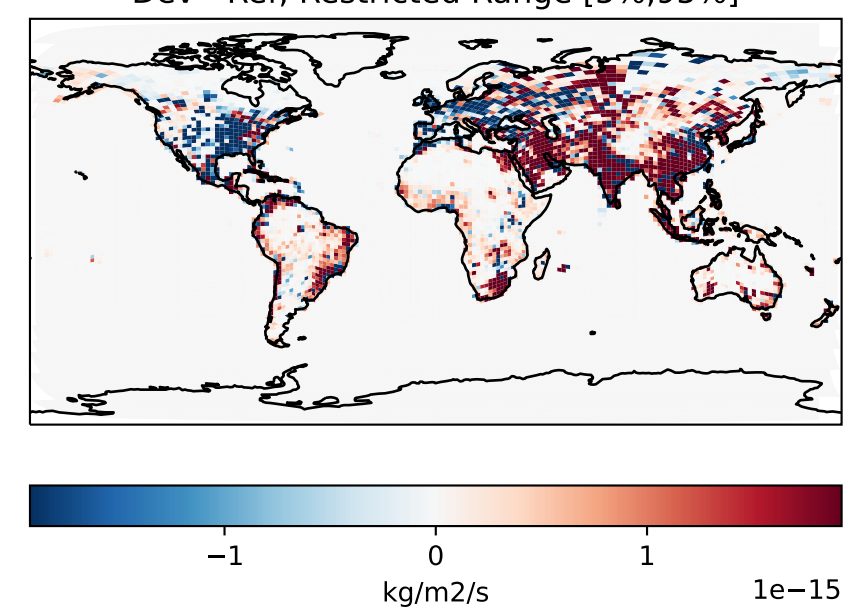
GCHP_13.2.0 (Dev)
c48



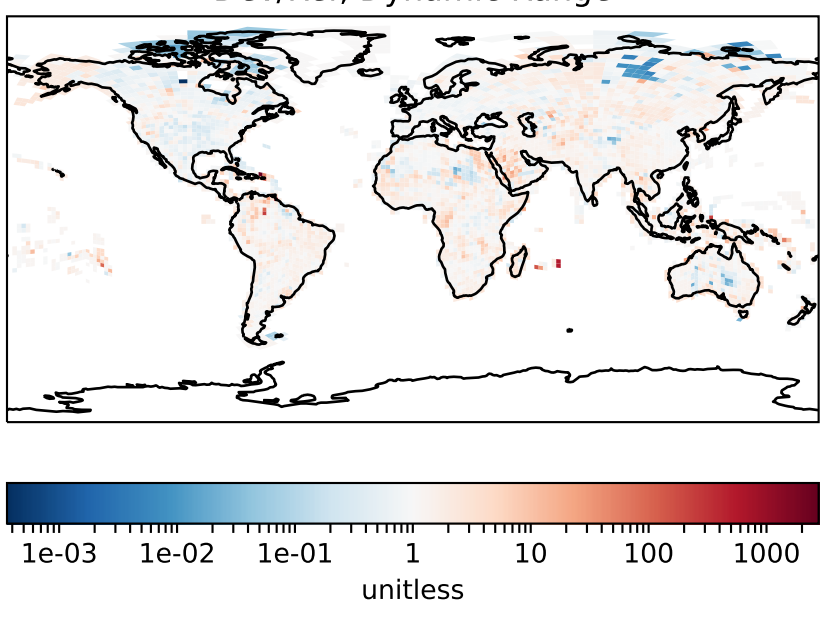
Difference
Dev - Ref, Dynamic Range



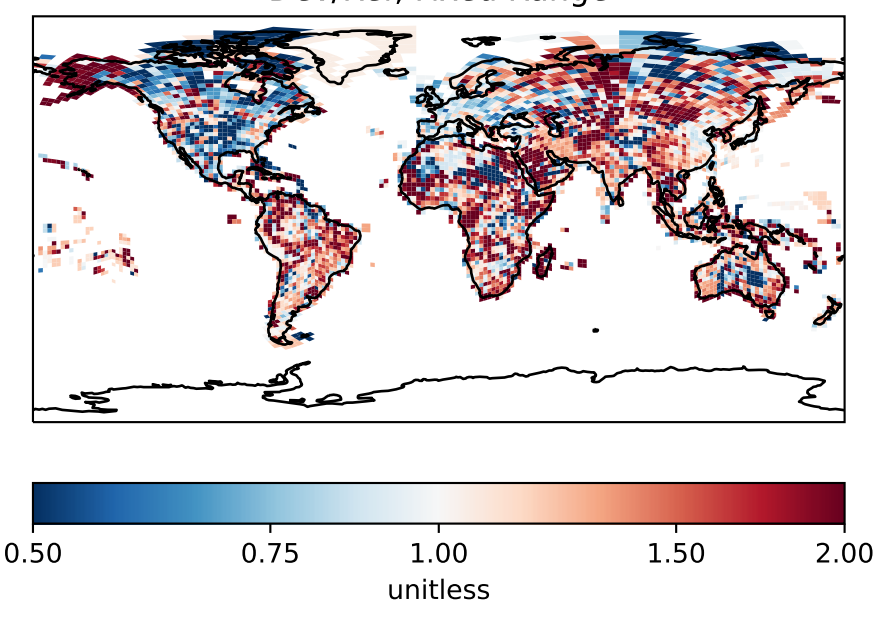
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

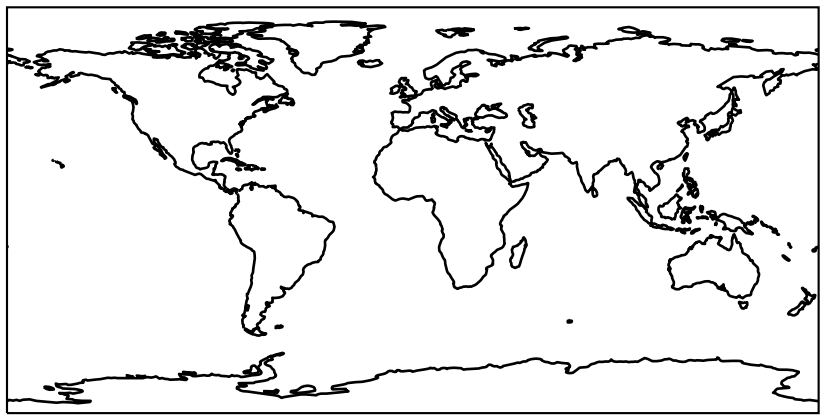


Ratio
Dev/Ref, Fixed Range



EmisPOG1_Anthro (Apr2019)

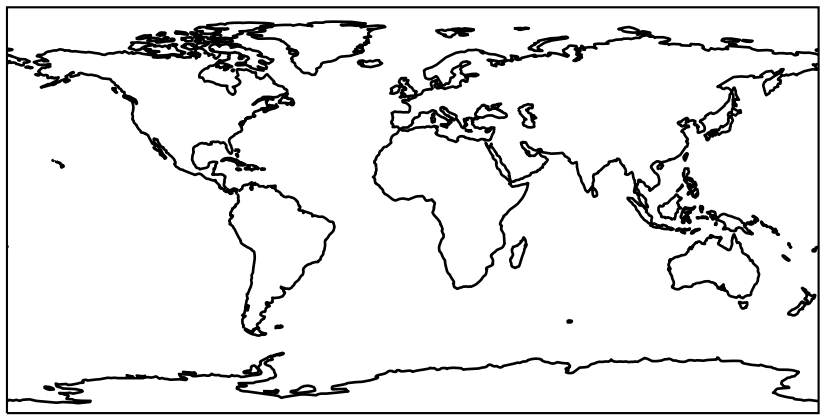
GCHP_13.0.0 (Ref)
c48





Zero throughout domain
kg/m2/s

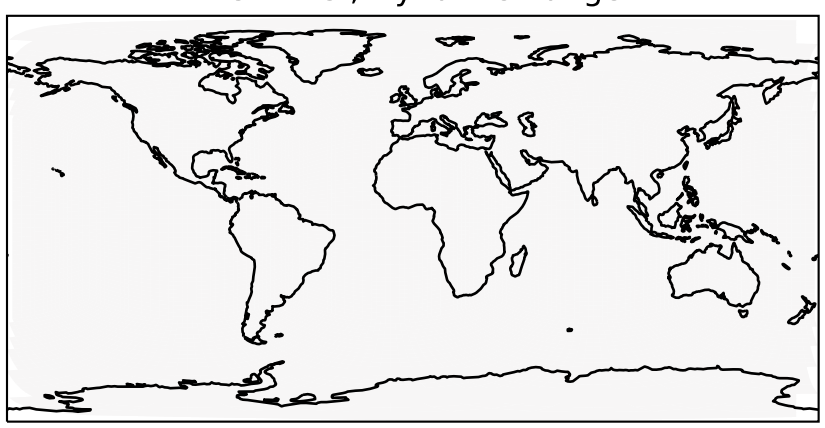
GCHP_13.2.0 (Dev)
c48





Zero throughout domain
kg/m2/s

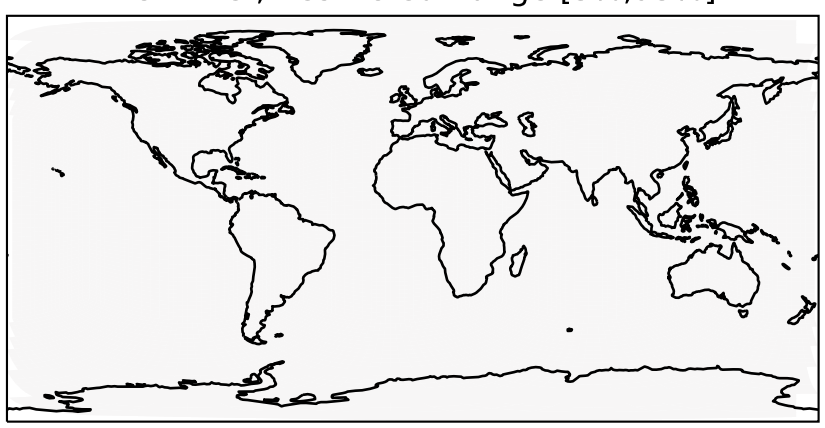
Difference
Dev - Ref, Dynamic Range





Zero throughout domain
kg/m2/s

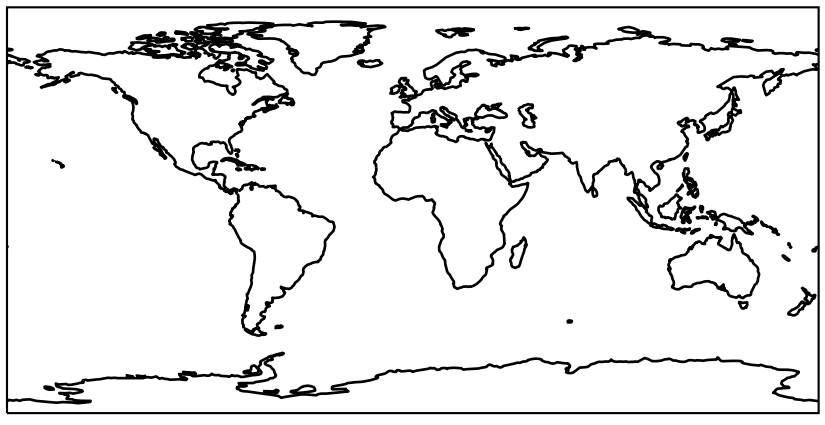
Difference
Dev - Ref, Restricted Range [5%,95%]





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kg/m2/s

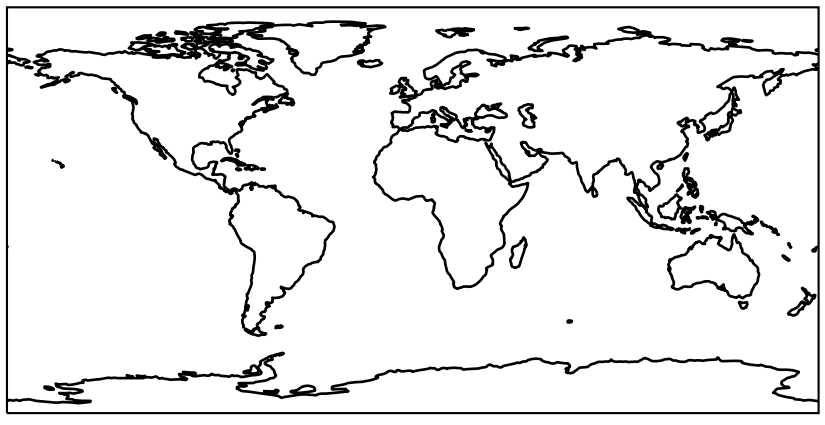
Ratio
Dev/Ref, Dynamic Range





Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range

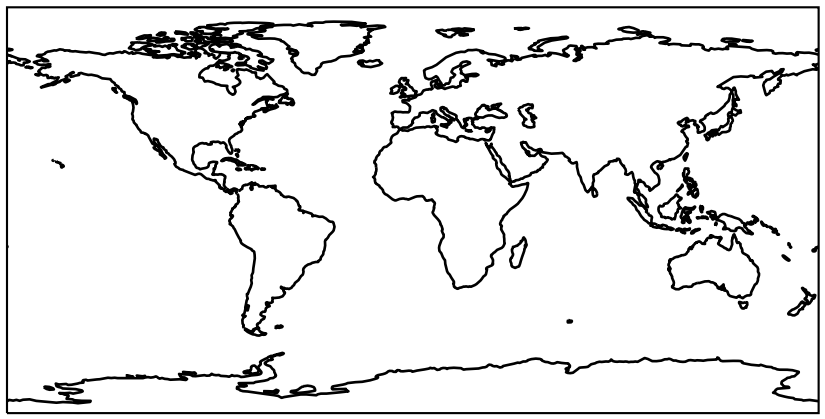




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unitless

EmisPOG2_Anthro (Apr2019)

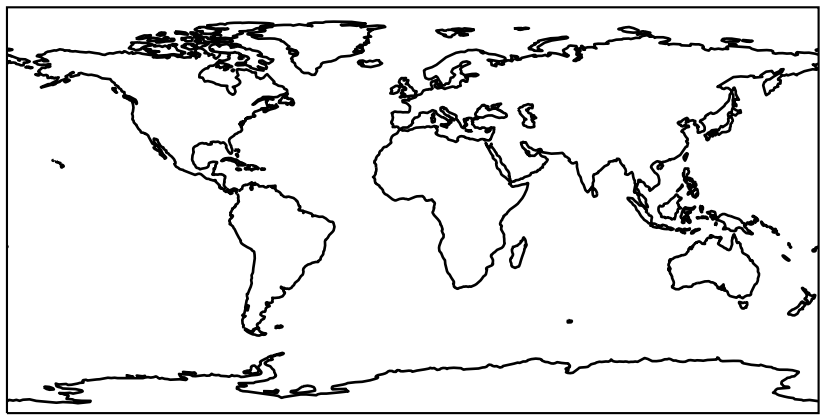
GCHP_13.0.0 (Ref)
c48





Zero throughout domain
kg/m2/s

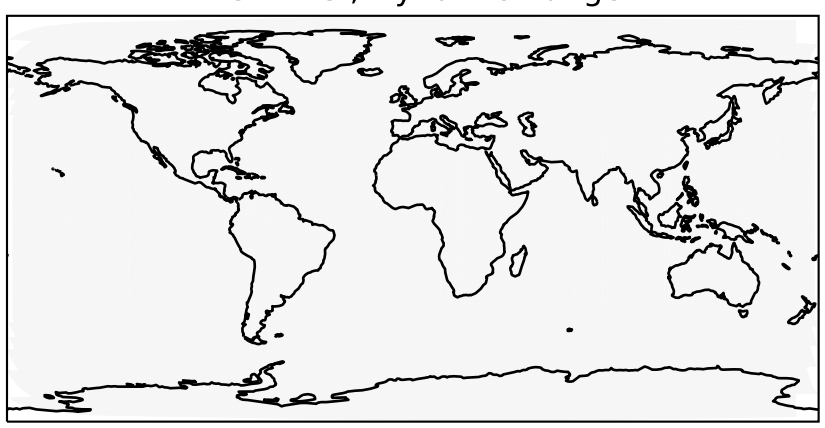
GCHP_13.2.0 (Dev)
c48





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kg/m2/s

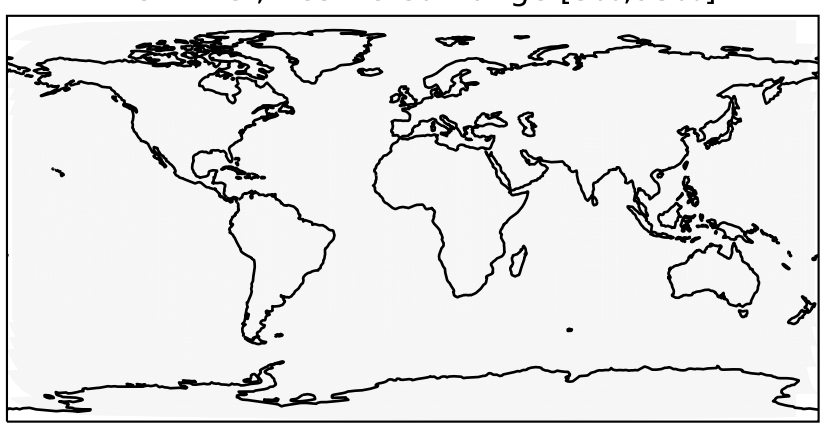
Difference
Dev - Ref, Dynamic Range





Zero throughout domain
kg/m2/s

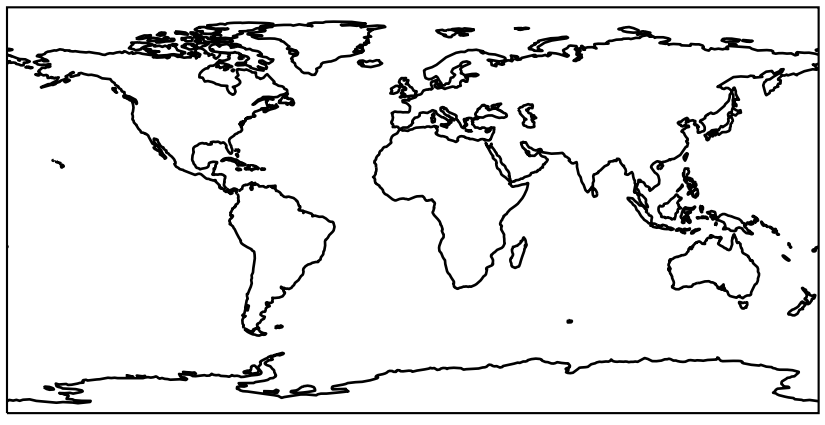
Difference
Dev - Ref, Restricted Range [5%,95%]





Zero throughout domain
kg/m2/s

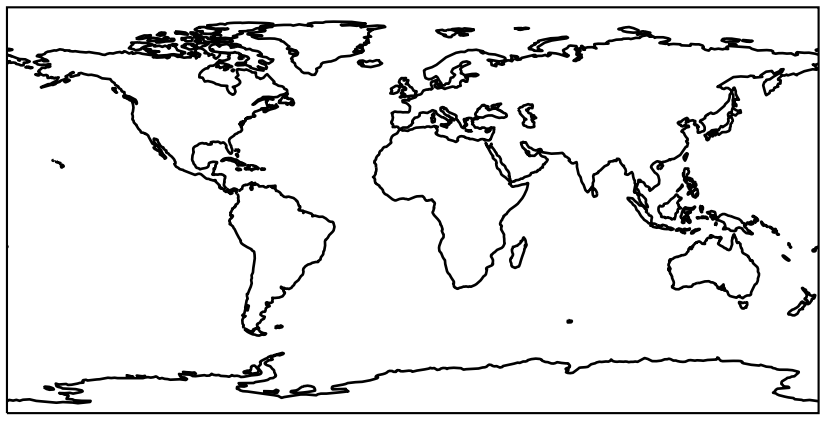
Ratio
Dev/Ref, Dynamic Range





Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range

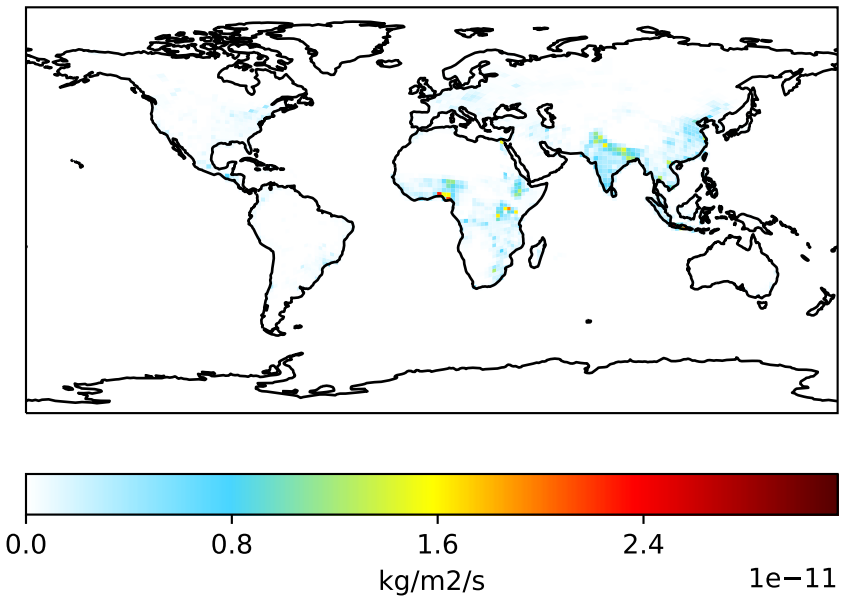




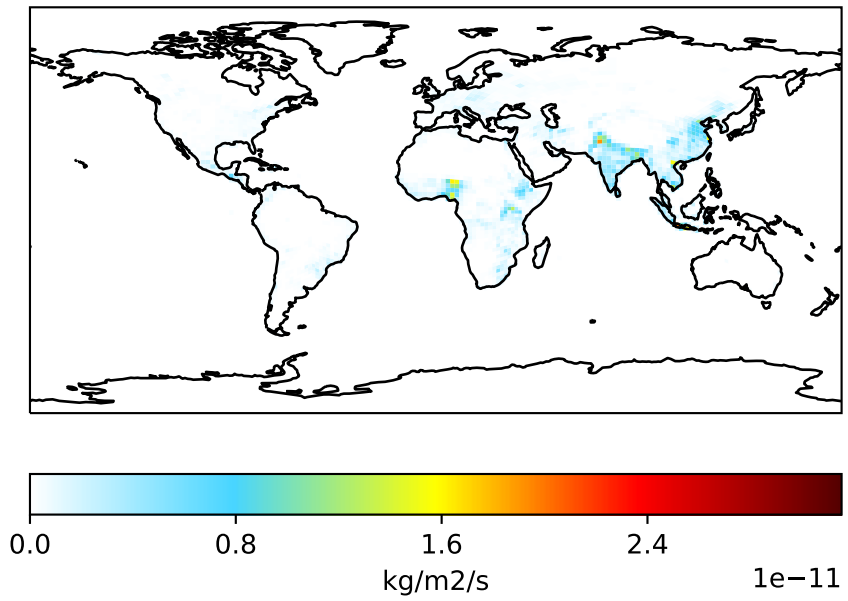
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EmisPRPE_Anthro (Apr2019)

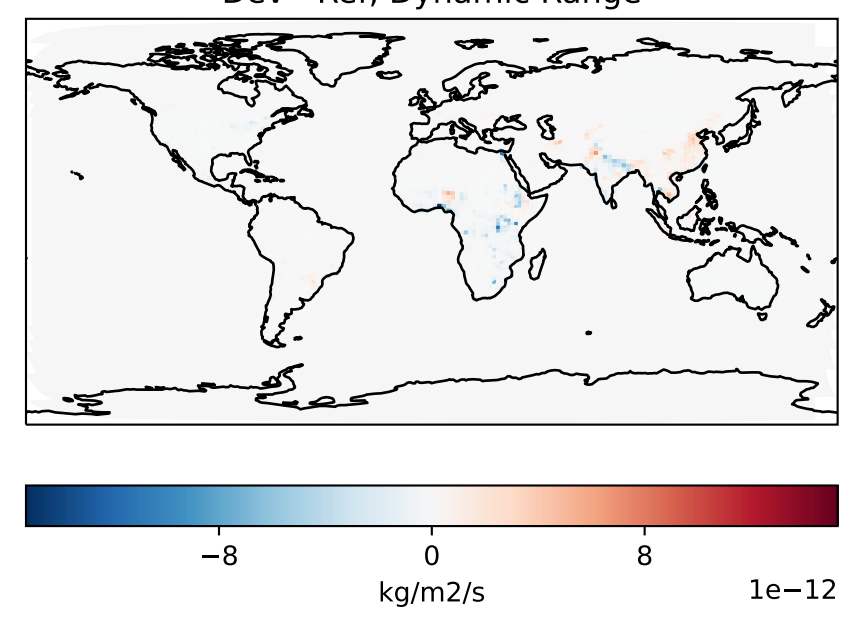
GCHP_13.0.0 (Ref)
c48



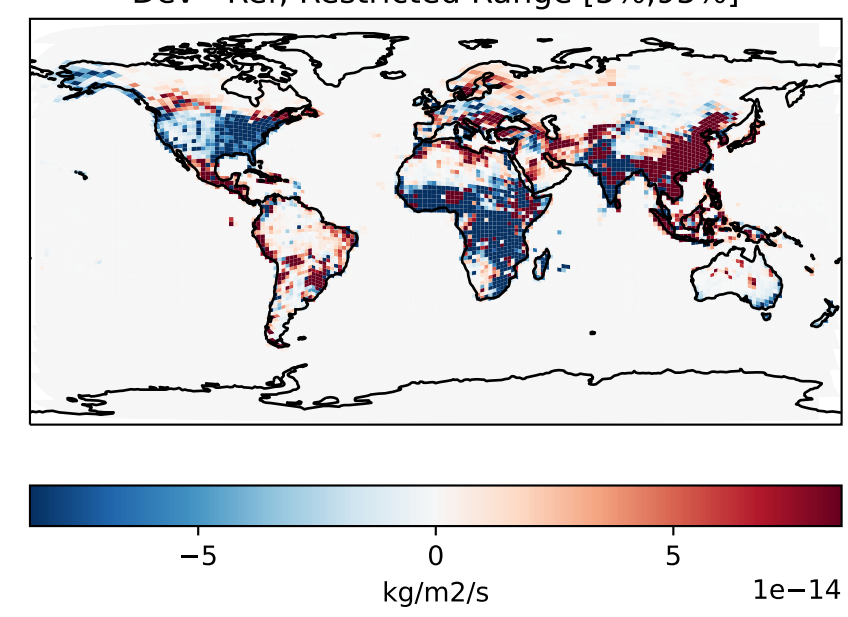
GCHP_13.2.0 (Dev)
c48



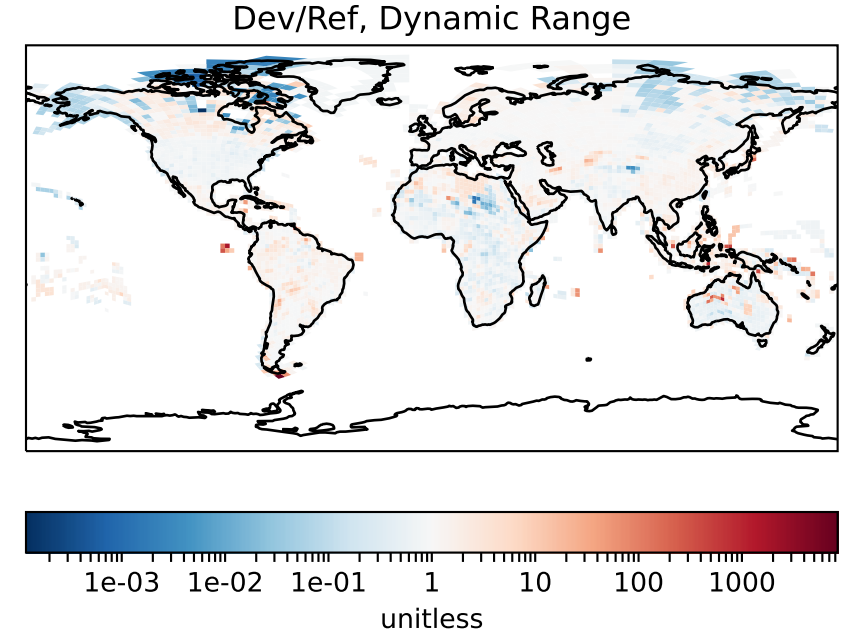
Difference
Dev - Ref, Dynamic Range



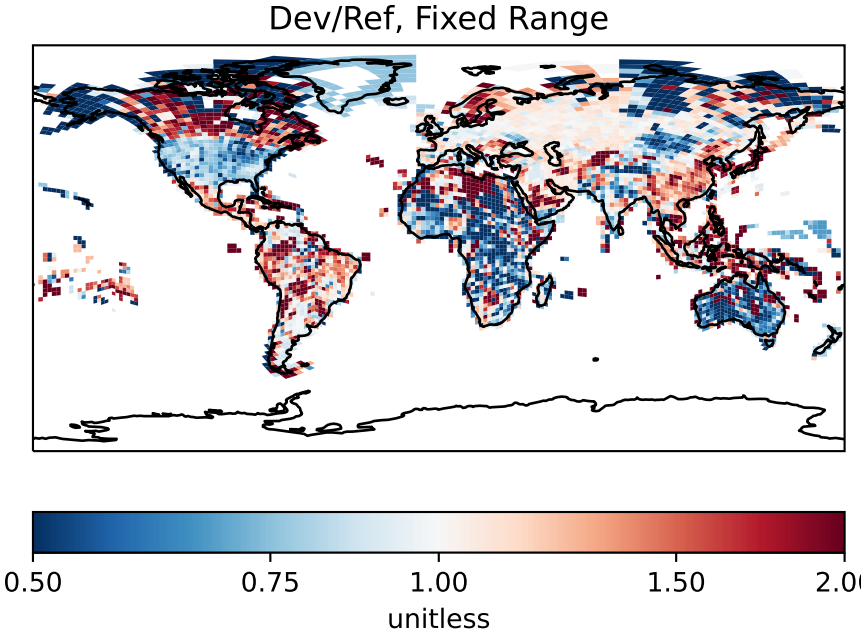
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

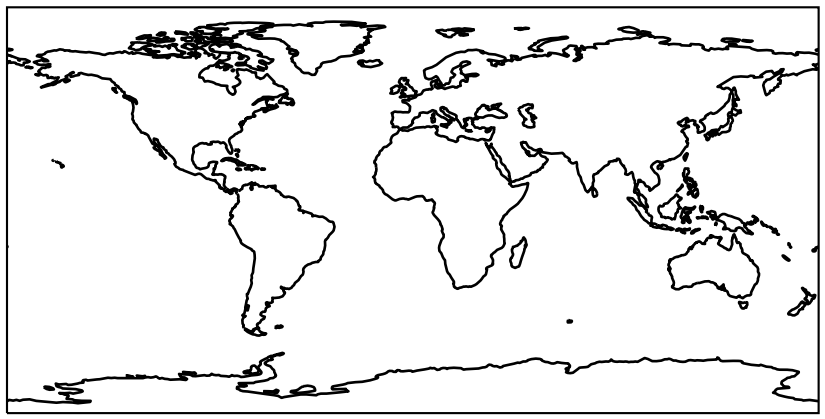


Ratio
Dev/Ref, Fixed Range



EmisRCHO_Anthro (Apr2019)

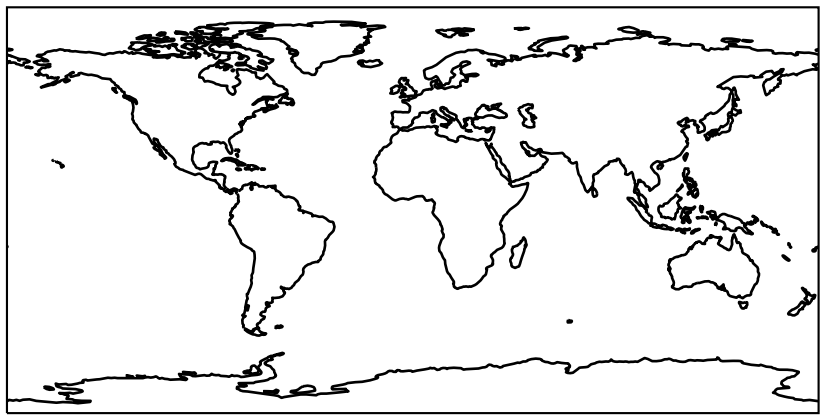
GCHP_13.0.0 (Ref)
c48





Zero throughout domain
kg/m2/s

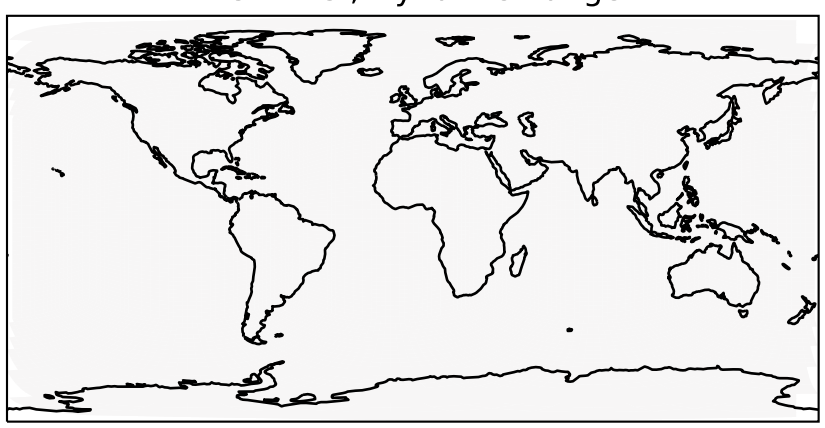
GCHP_13.2.0 (Dev)
c48





Zero throughout domain
kg/m2/s

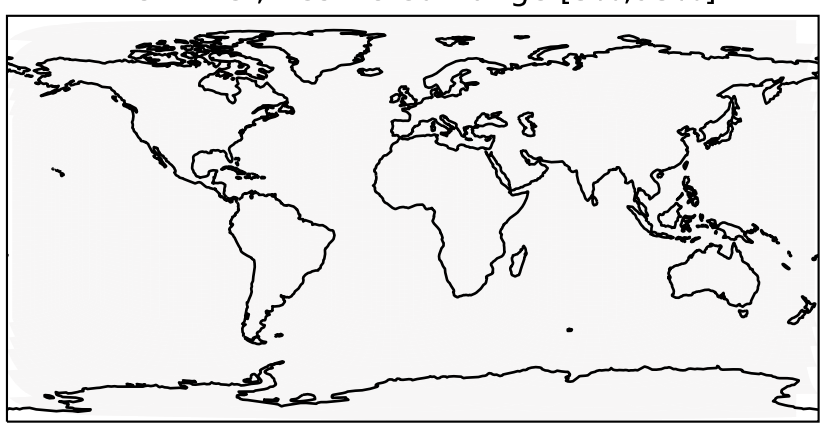
Difference
Dev - Ref, Dynamic Range





Zero throughout domain
kg/m2/s

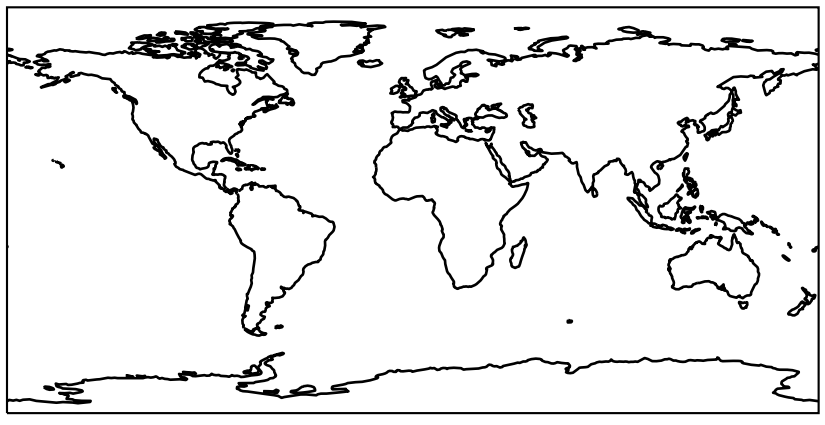
Difference
Dev - Ref, Restricted Range [5%,95%]





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kg/m2/s

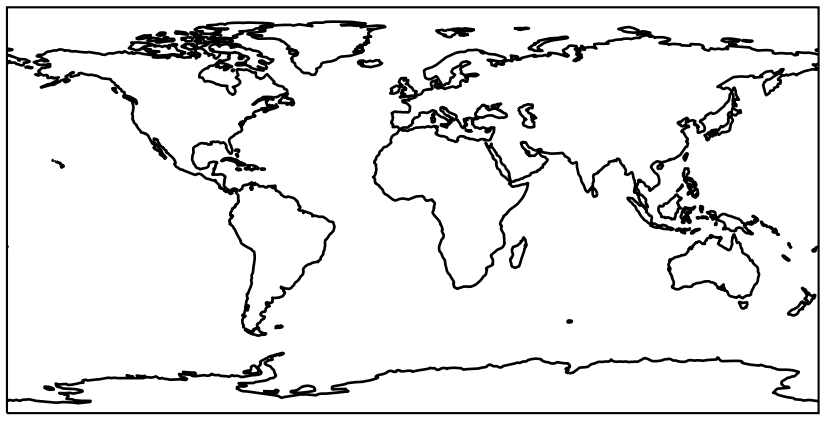
Ratio
Dev/Ref, Dynamic Range





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Ratio
Dev/Ref, Fixed Range

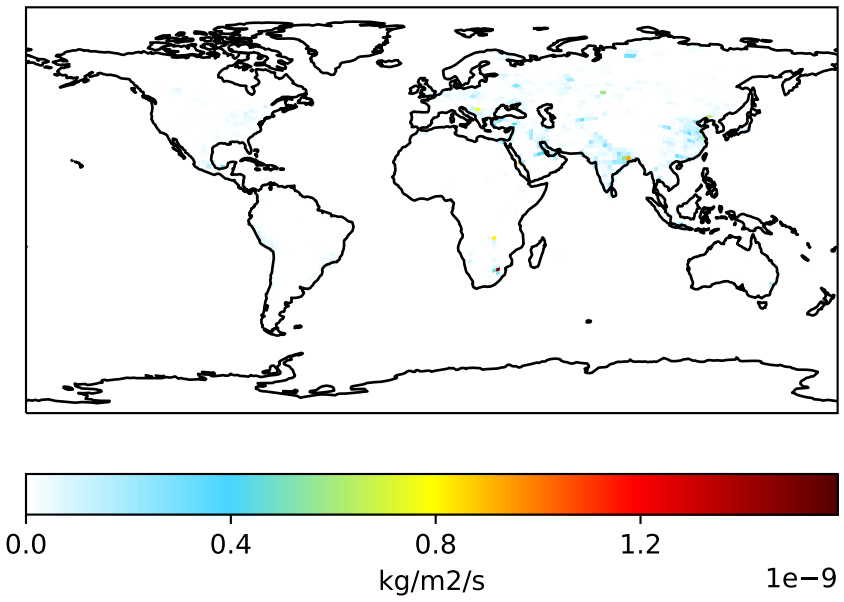




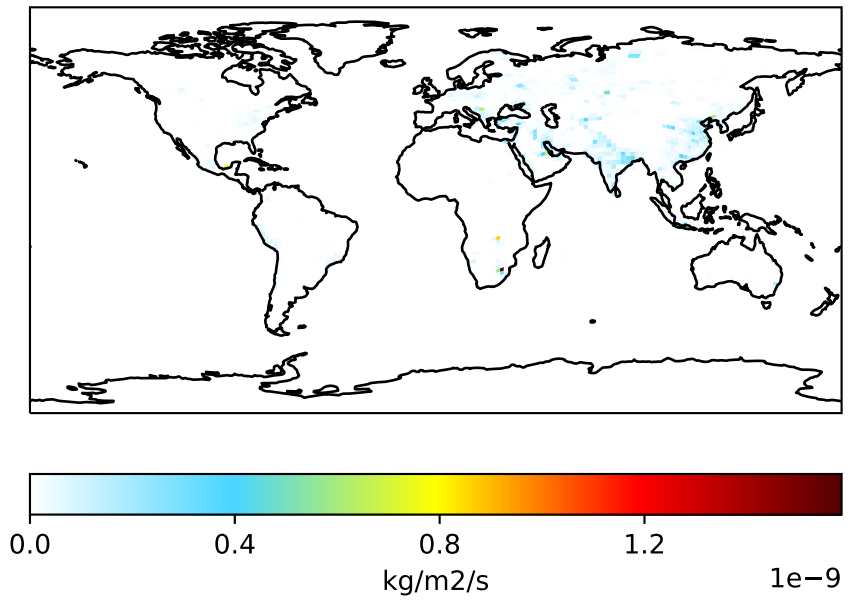
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EmisSO2_Anthro (Apr2019)

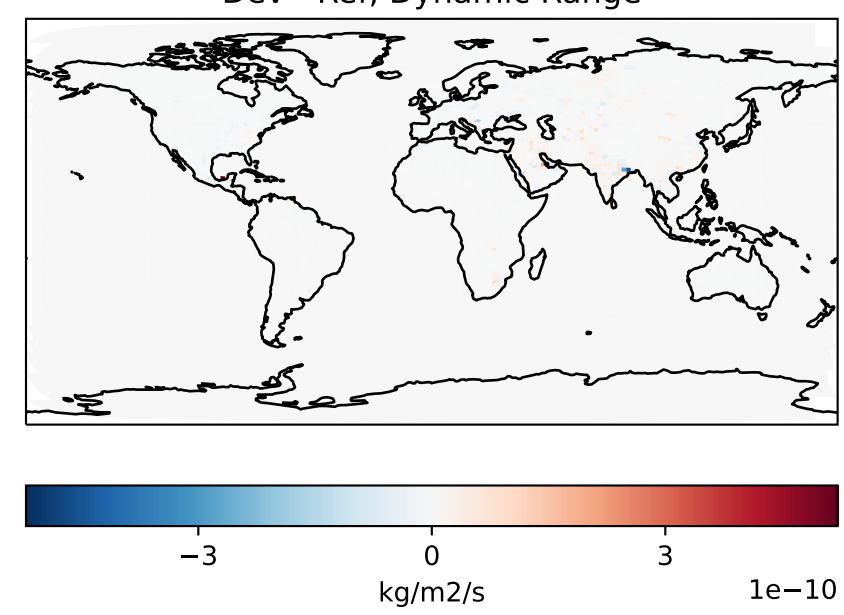
GCHP_13.0.0 (Ref)
c48



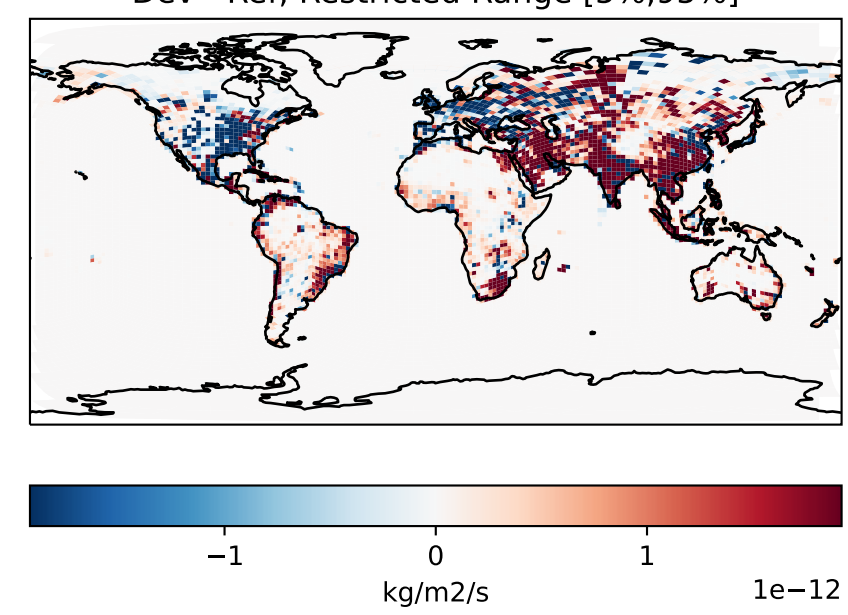
GCHP_13.2.0 (Dev)
c48



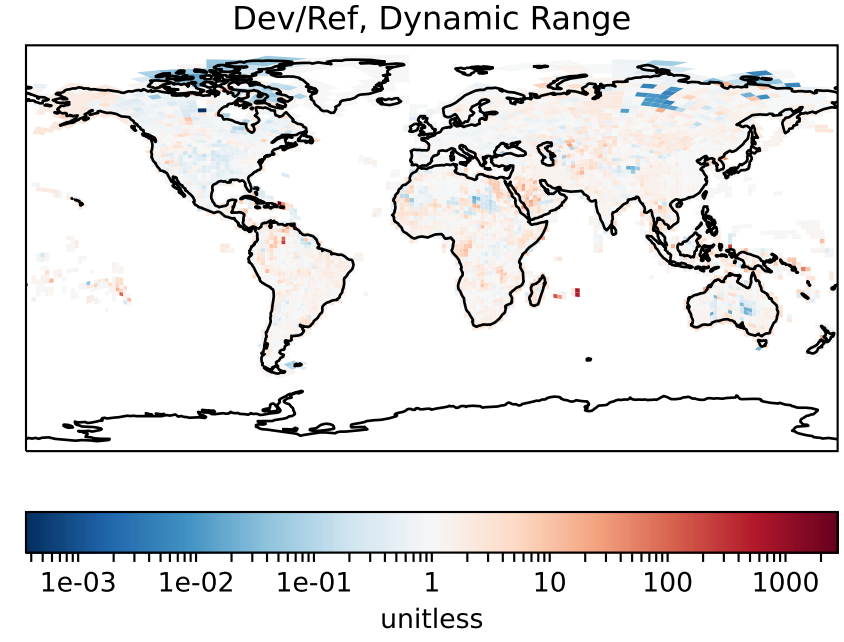
Difference
Dev - Ref, Dynamic Range



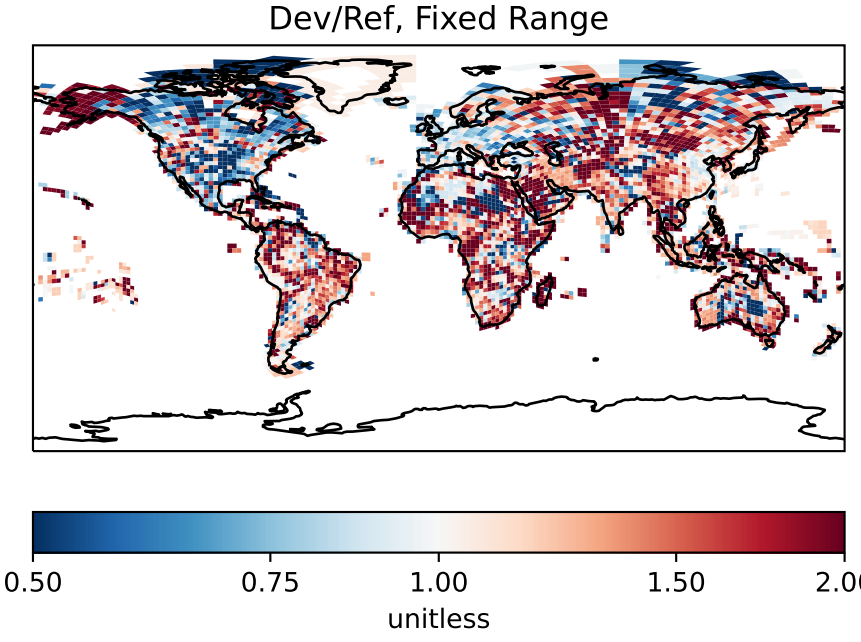
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

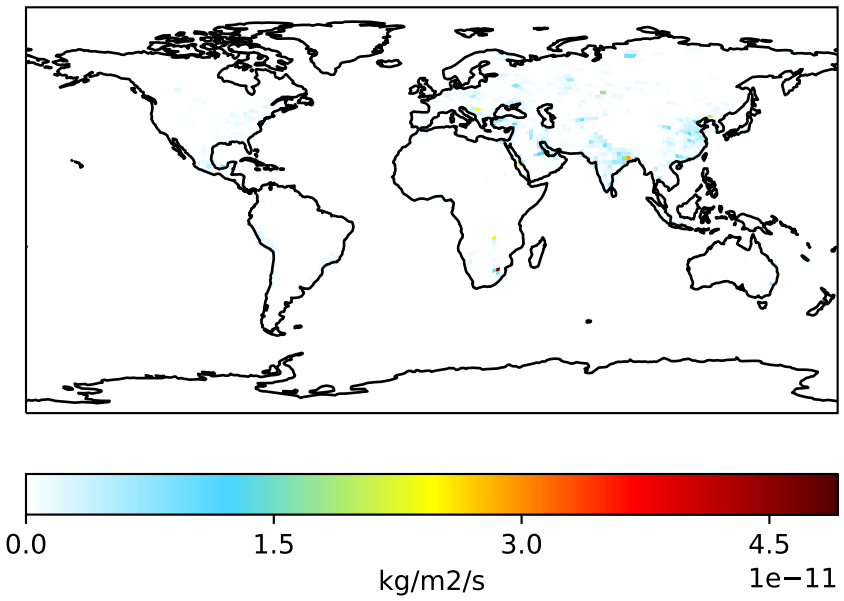


Ratio
Dev/Ref, Fixed Range

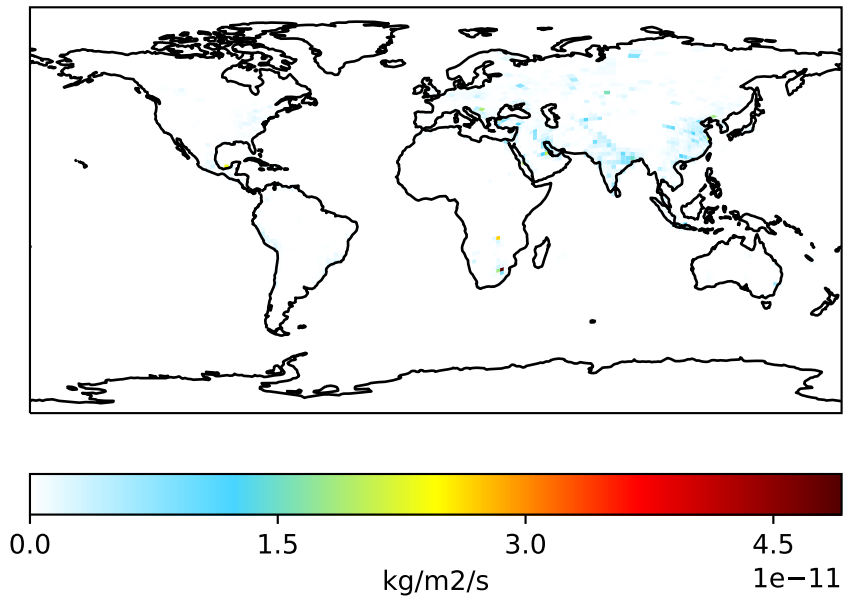


EmisSO4_Anthro (Apr2019)

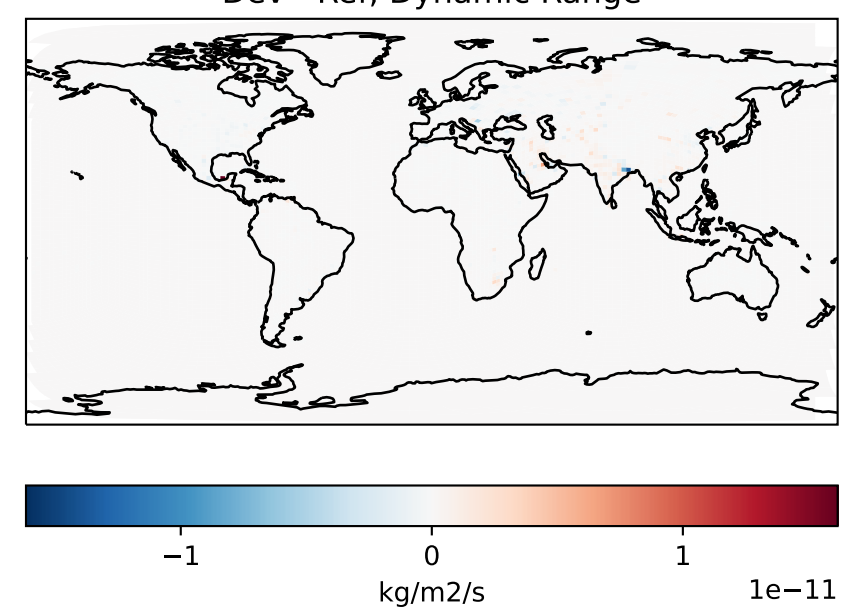
GCHP_13.0.0 (Ref)
c48



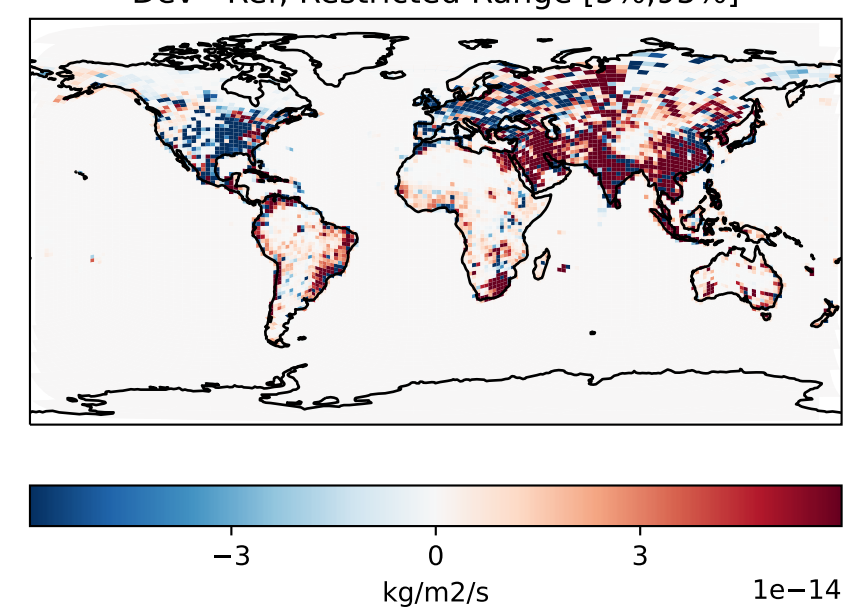
GCHP_13.2.0 (Dev)
c48



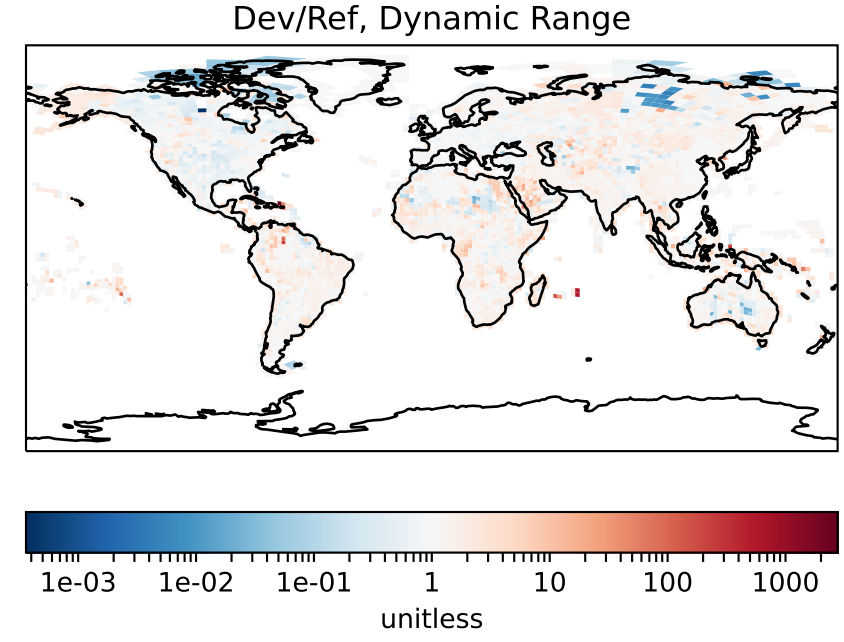
Difference
Dev - Ref, Dynamic Range



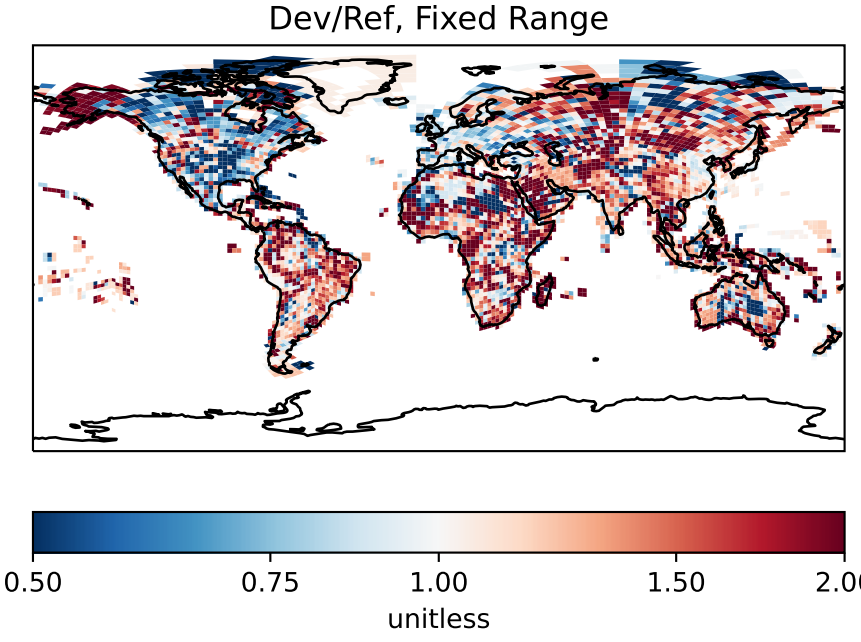
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

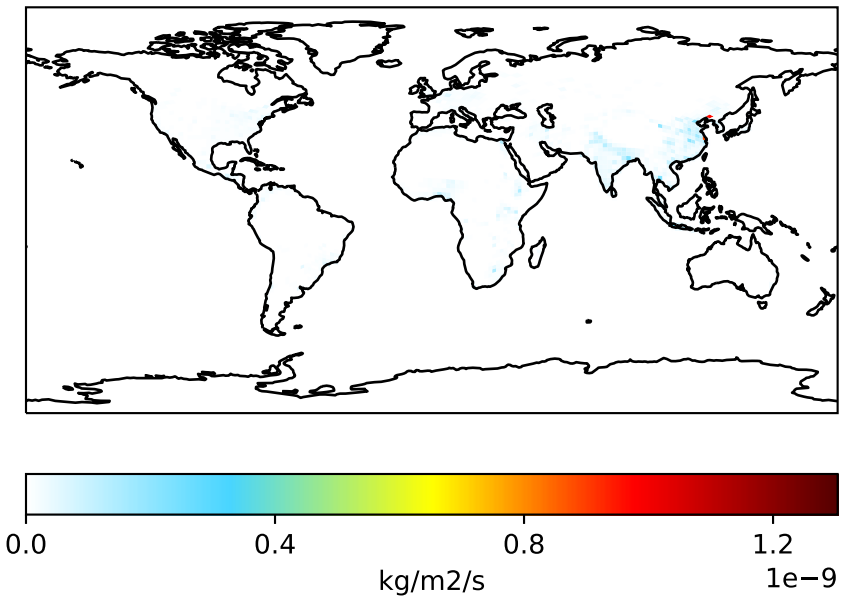


Ratio
Dev/Ref, Fixed Range

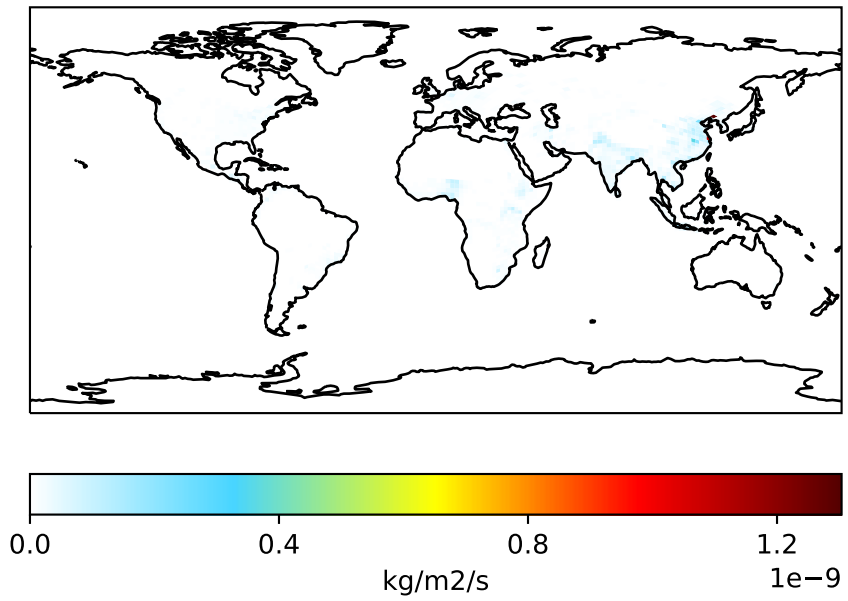


EmisSOAP_Anthro (Apr2019)

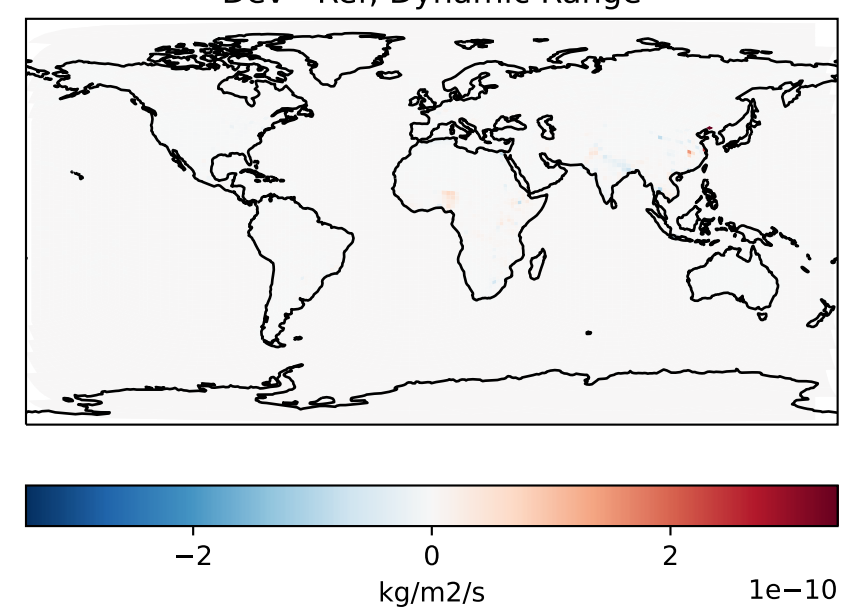
GCHP_13.0.0 (Ref)
c48



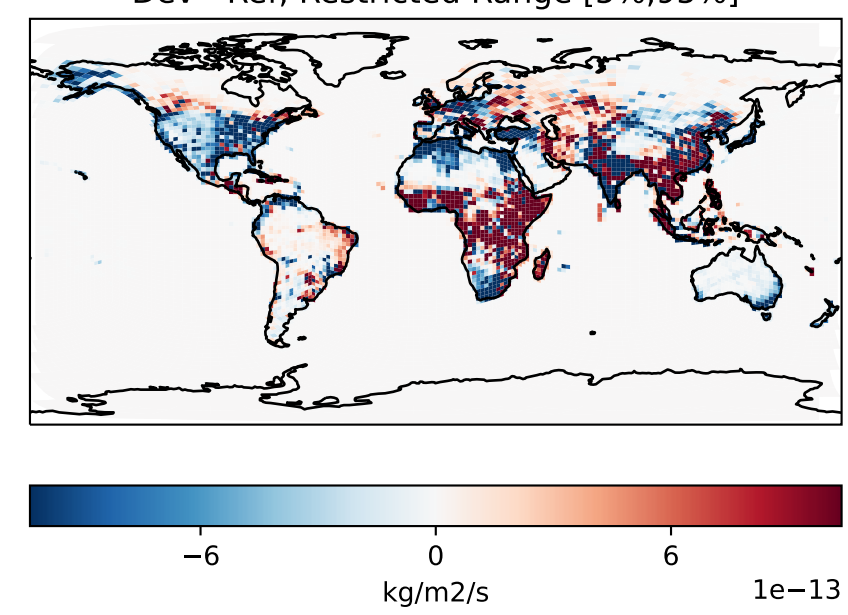
GCHP_13.2.0 (Dev)
c48



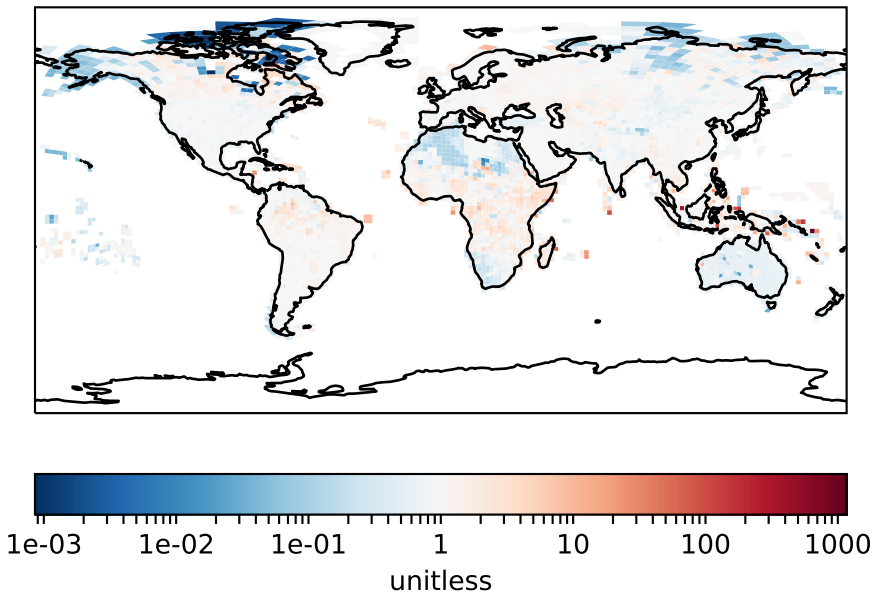
Difference
Dev - Ref, Dynamic Range



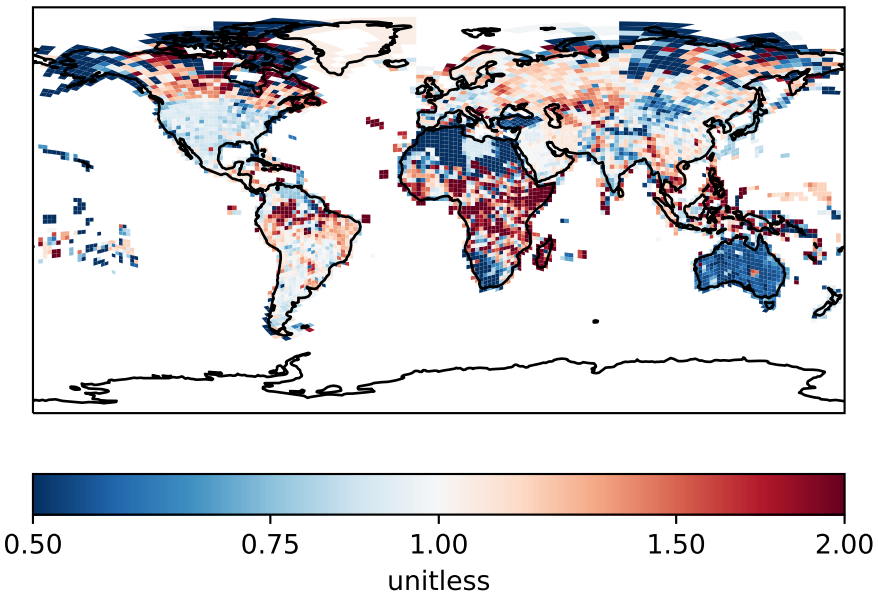
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

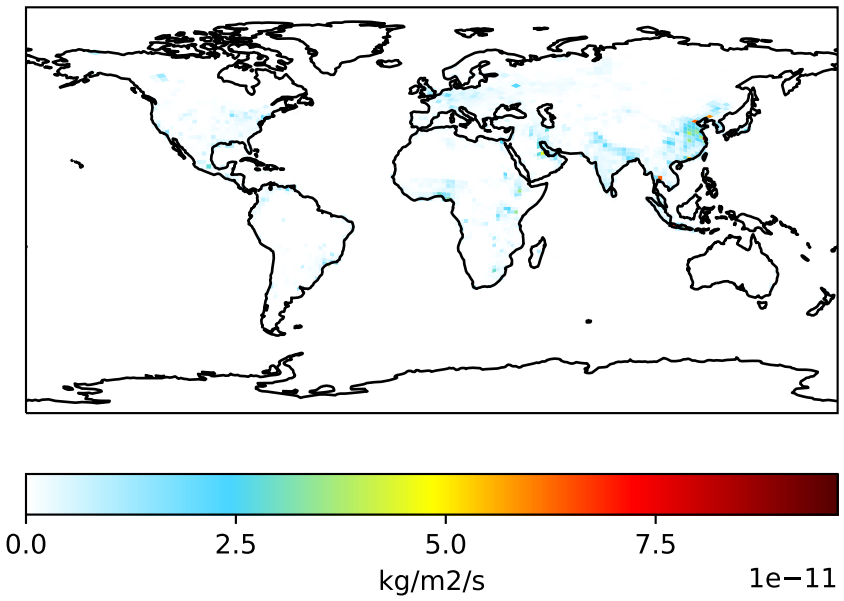


Ratio
Dev/Ref, Fixed Range

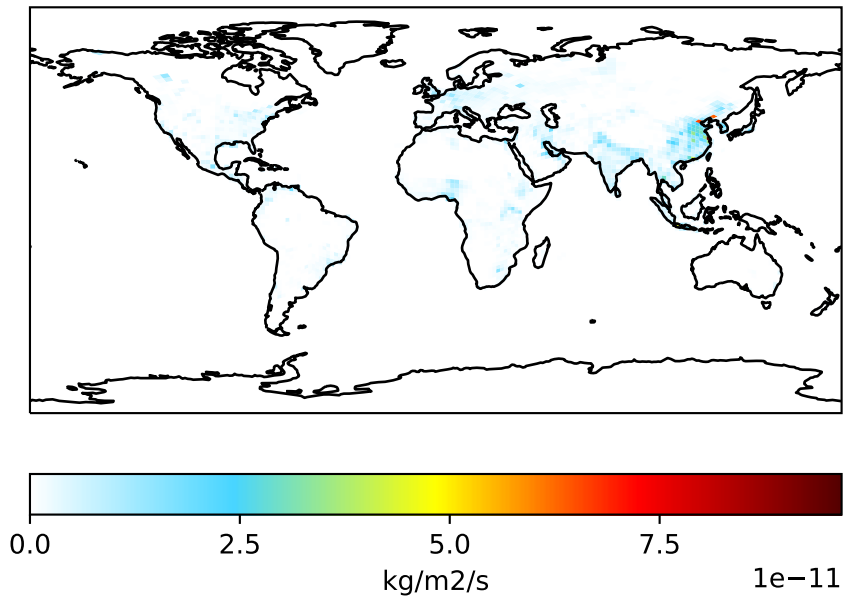


EmisTOLU_Anthro (Apr2019)

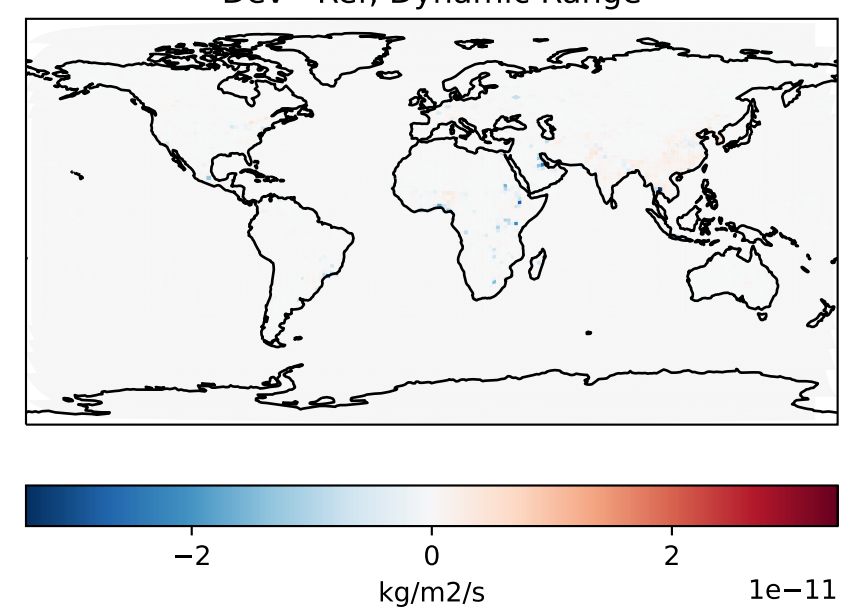
GCHP_13.0.0 (Ref)
c48



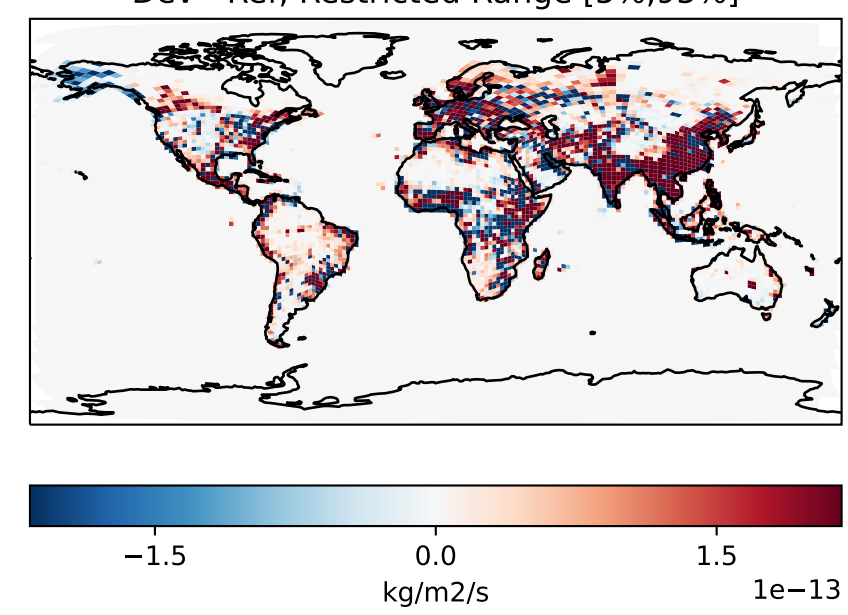
GCHP_13.2.0 (Dev)
c48



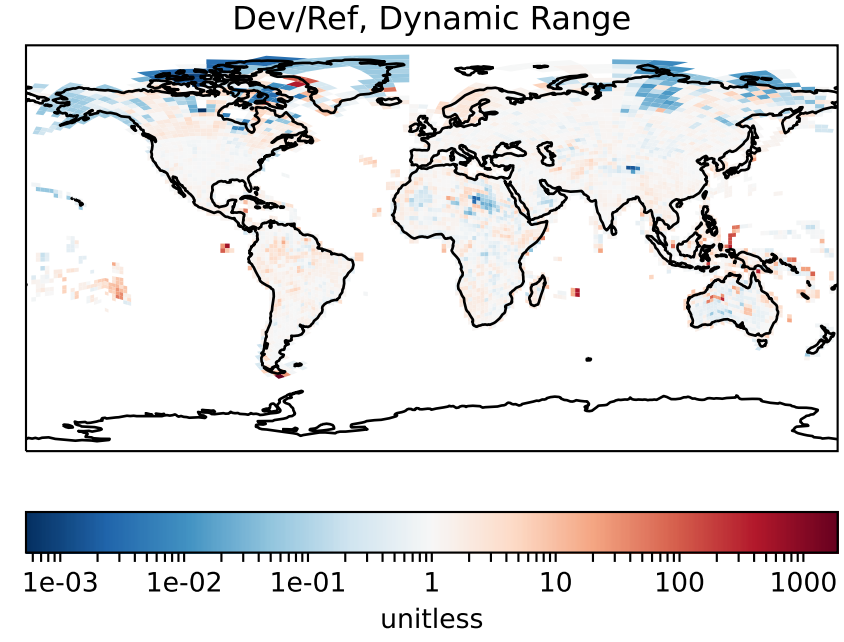
Difference
Dev - Ref, Dynamic Range



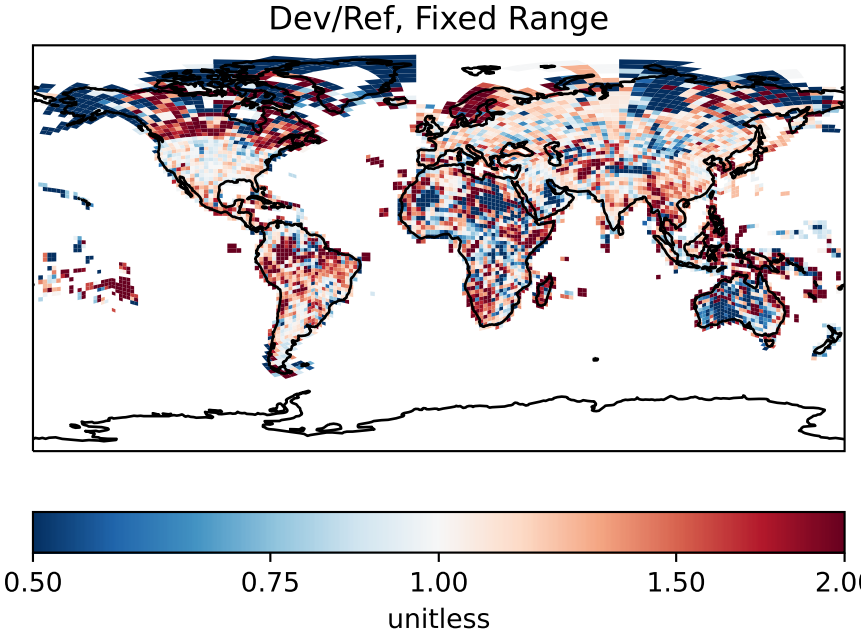
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

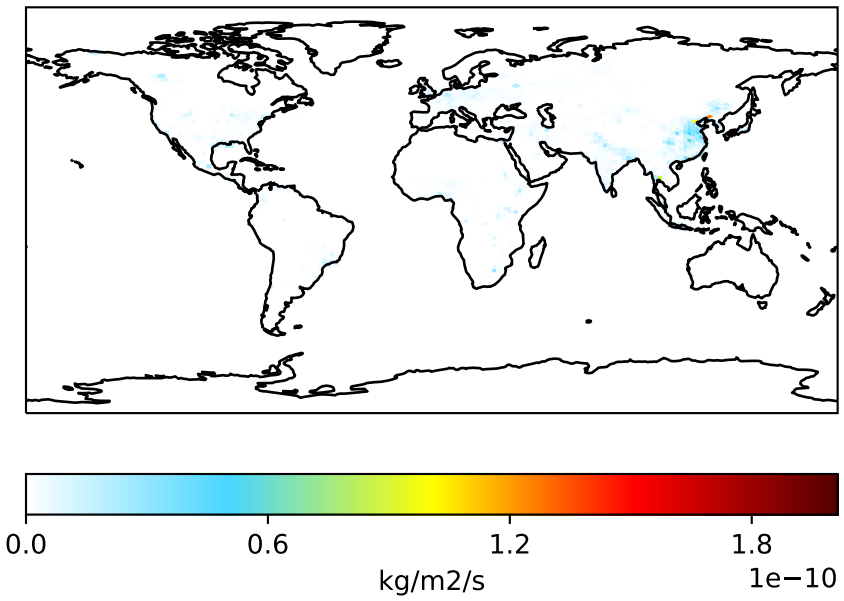


Ratio
Dev/Ref, Fixed Range

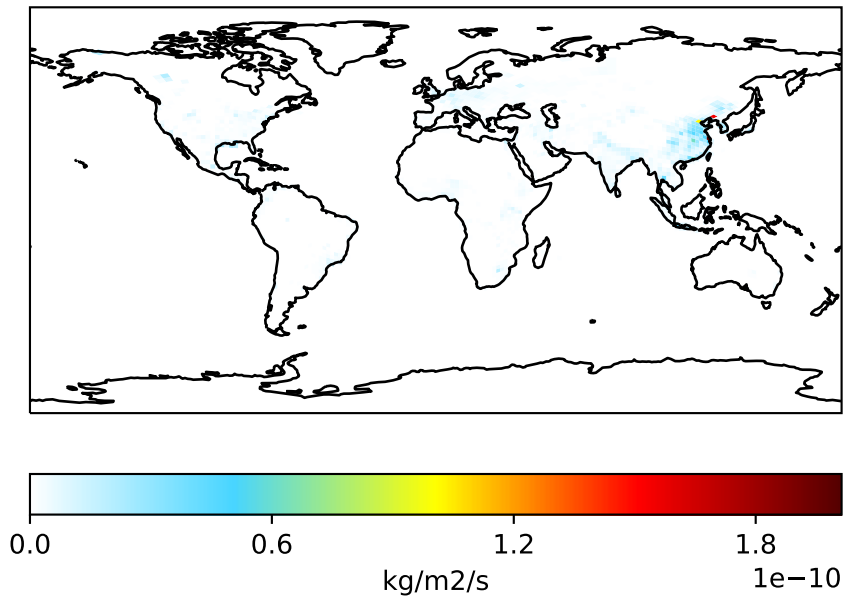


EmisXYLE_Anthro (Apr2019)

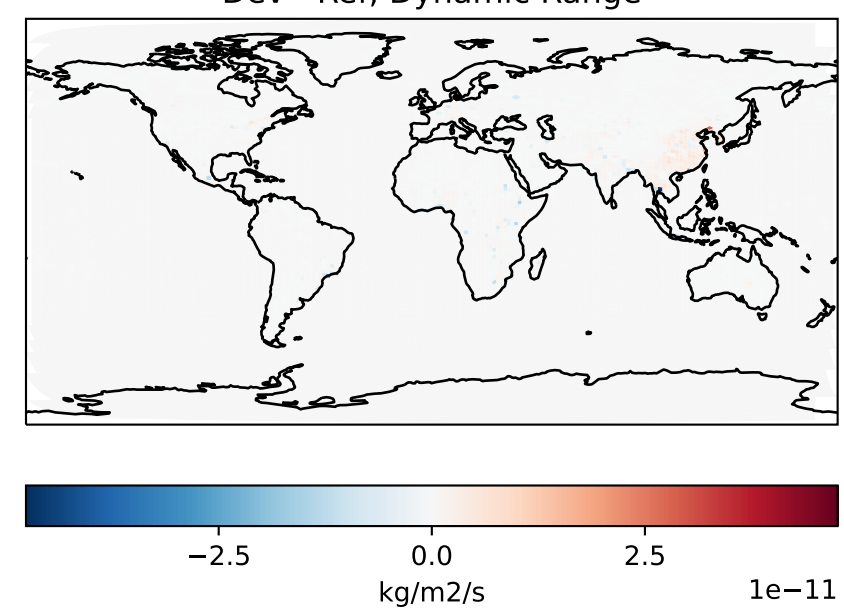
GCHP_13.0.0 (Ref)
c48



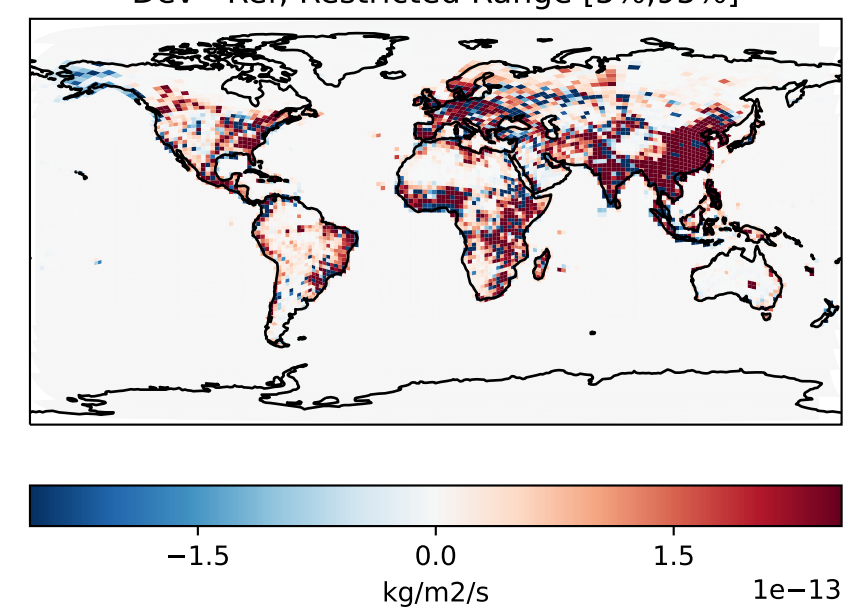
GCHP_13.2.0 (Dev)
c48



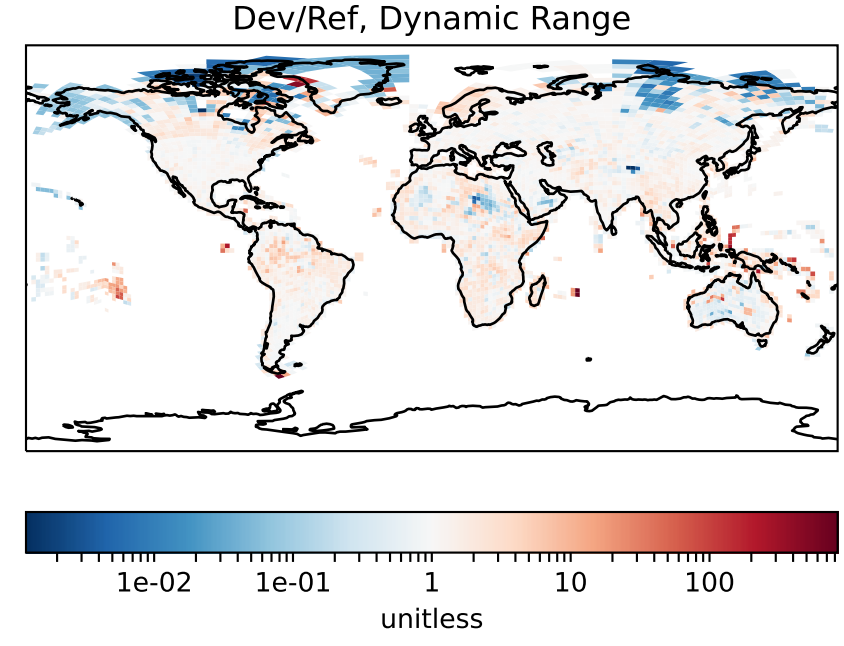
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

