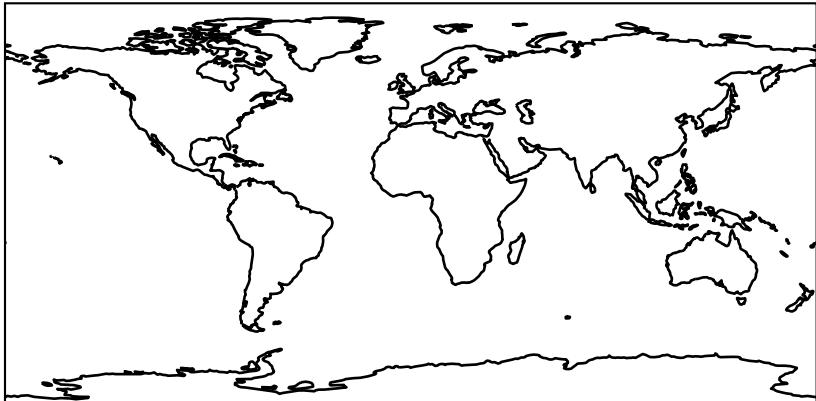


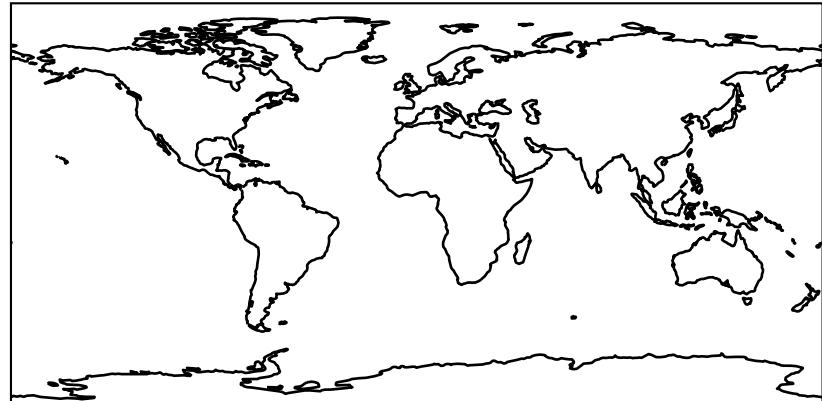
EmisACET_Anthro

GCHP_13.0.0-beta.0 (Ref)
c48



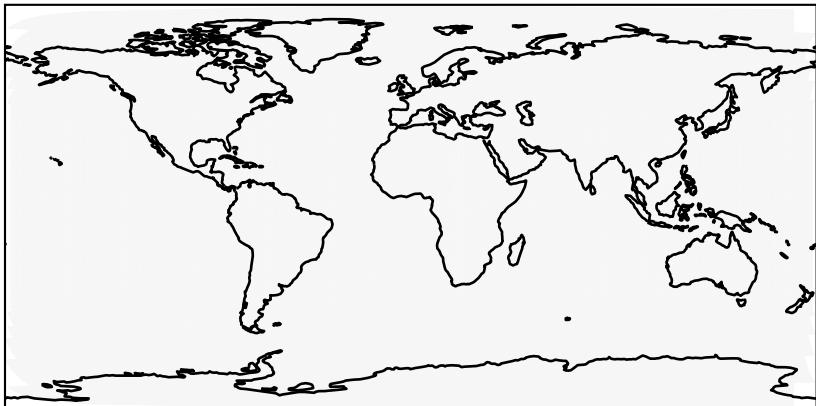
Zero throughout domain
kg/m²/s

GCHP_13.0.0-offlineEmis (Dev)
c48



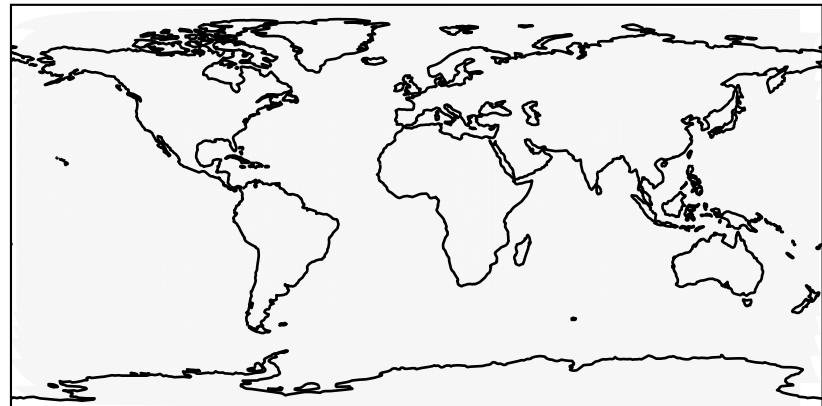
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



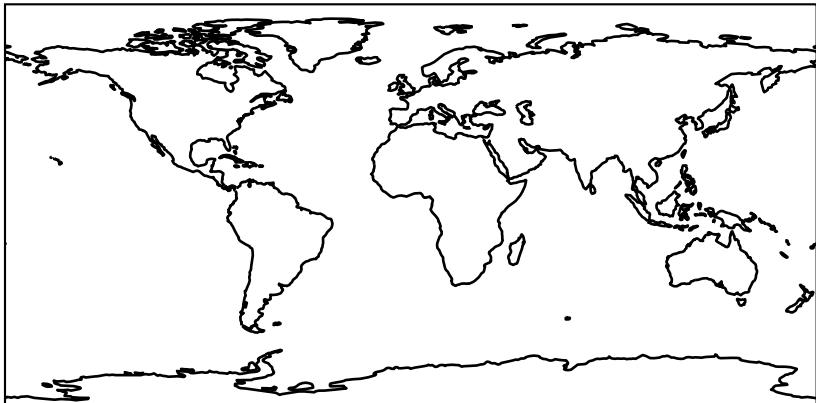
Zero throughout domain
kg/m²/s

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



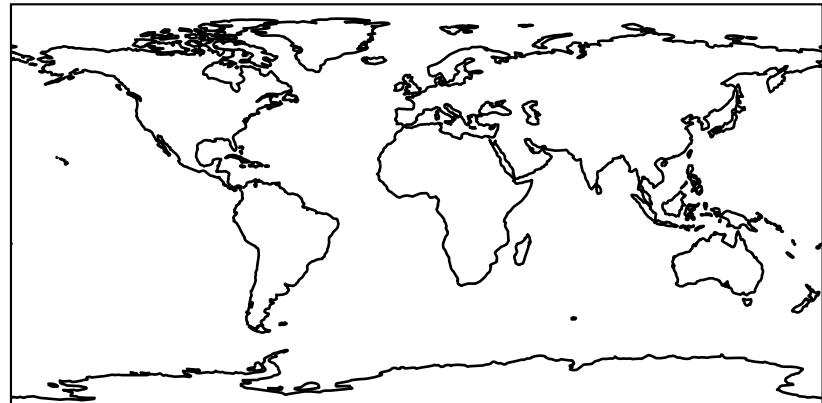
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

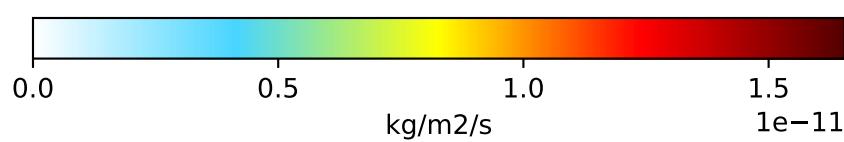
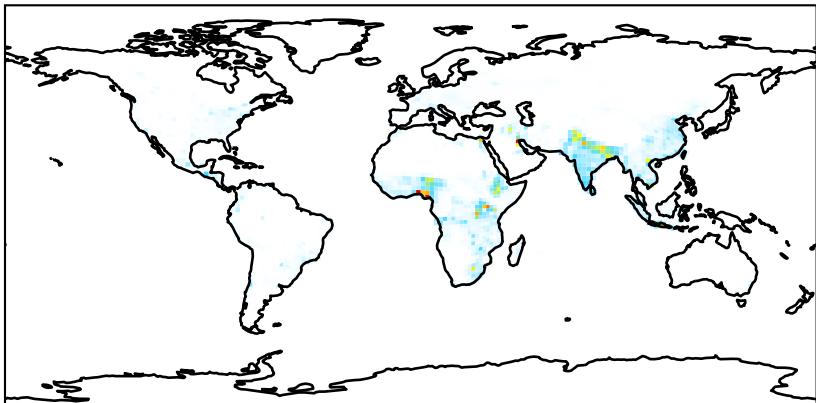
Ratio
Dev/Ref, Fixed Range



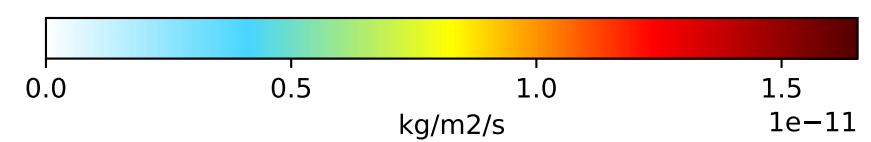
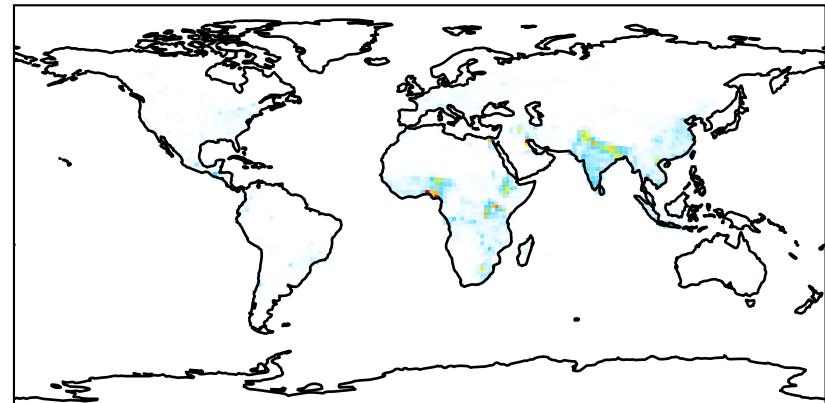
Undefined throughout domain
unitless

EmisALD2_Anthro

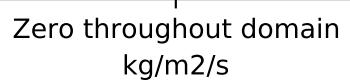
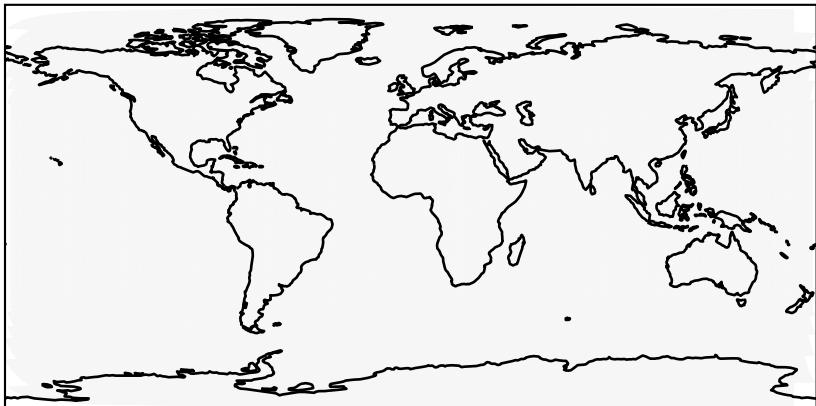
GCHP_13.0.0-beta.0 (Ref)
c48



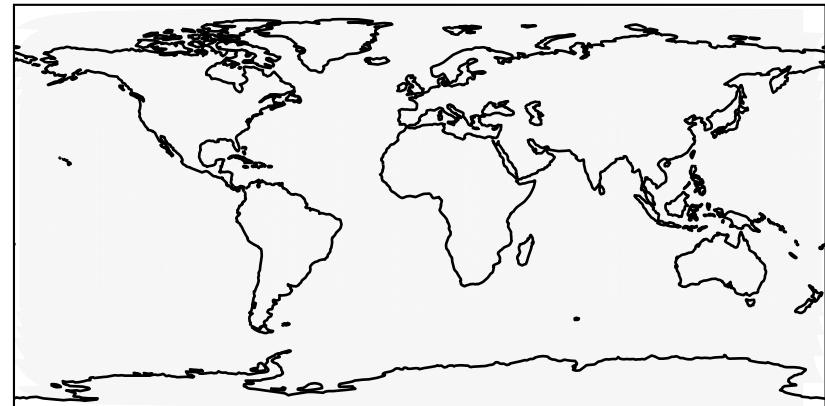
GCHP_13.0.0-offlineEmis (Dev)
c48



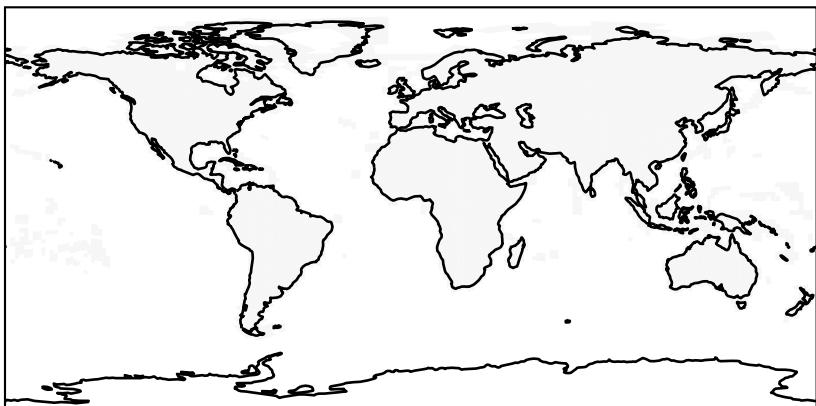
Difference
Dev - Ref, Dynamic Range



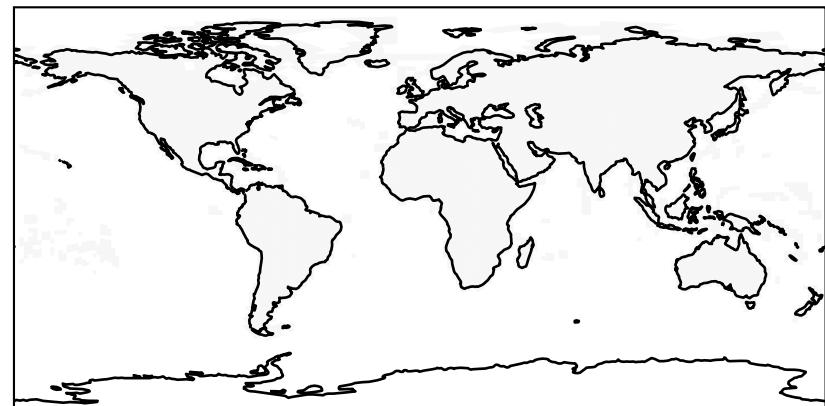
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

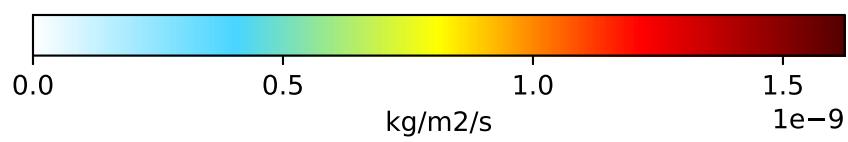
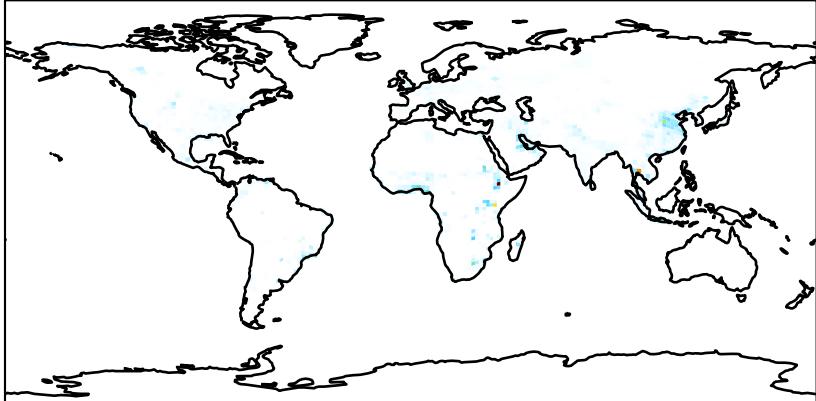


Ratio
Dev/Ref, Fixed Range

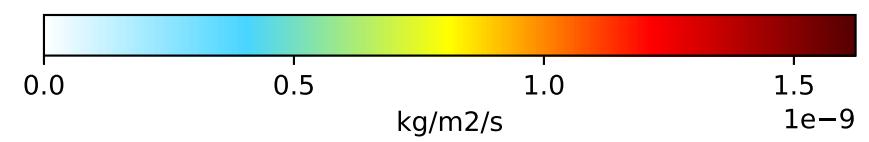
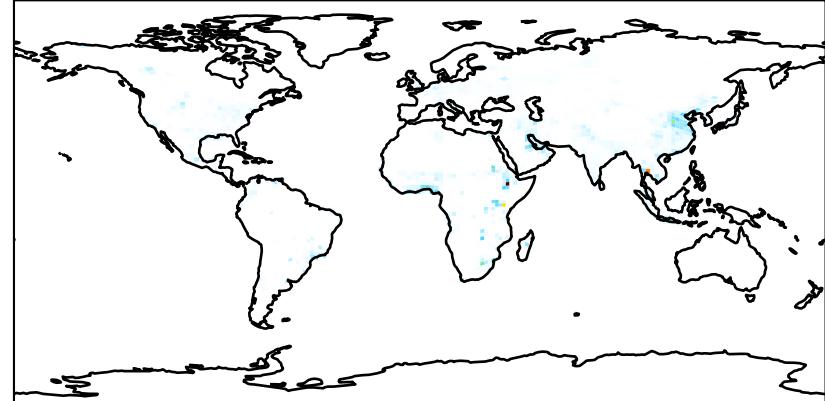


EmisALK4_Anthro

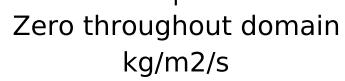
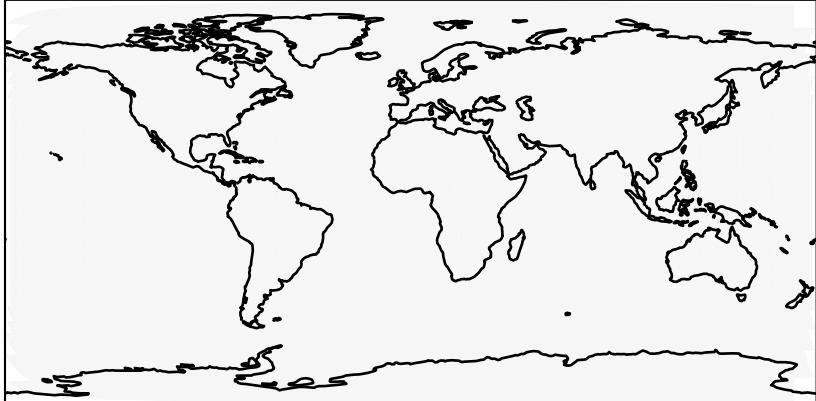
GCHP_13.0.0-beta.0 (Ref)
c48



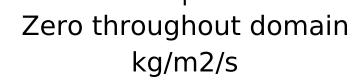
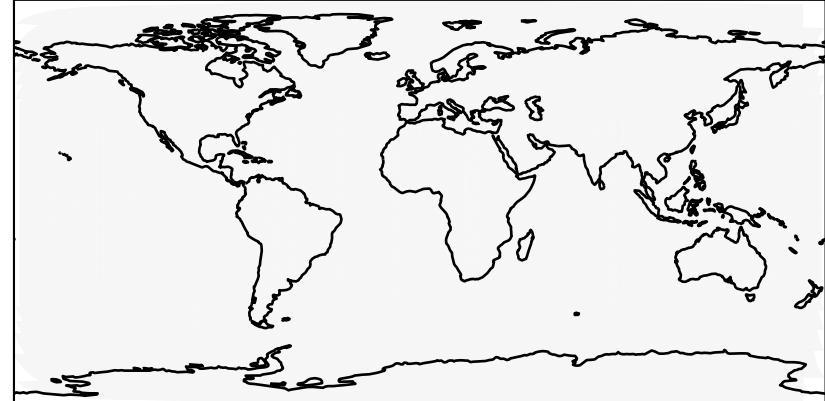
GCHP_13.0.0-offlineEmis (Dev)
c48



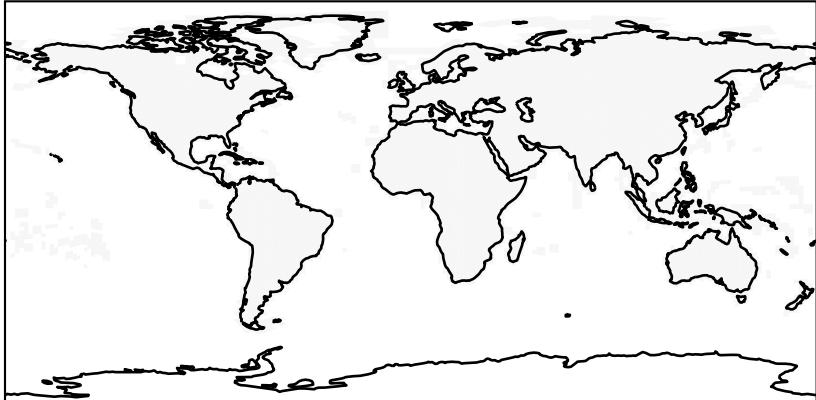
Difference
Dev - Ref, Dynamic Range



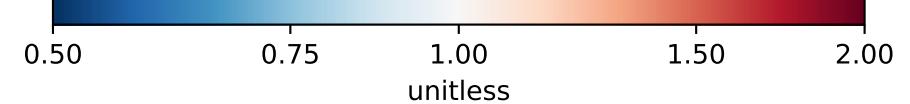
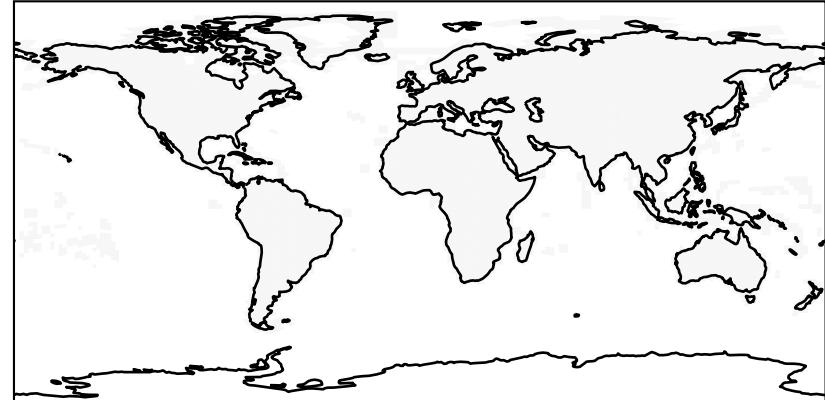
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

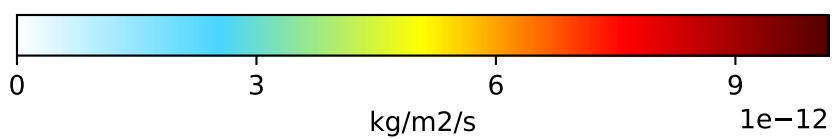
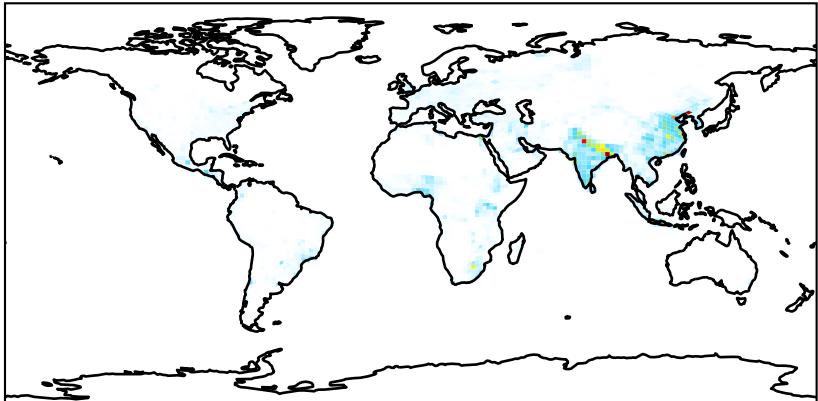


Ratio
Dev/Ref, Fixed Range

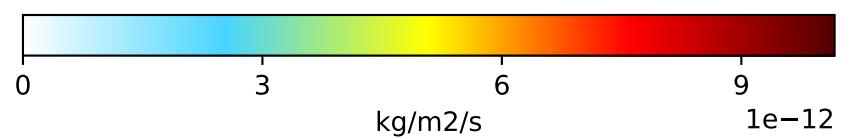
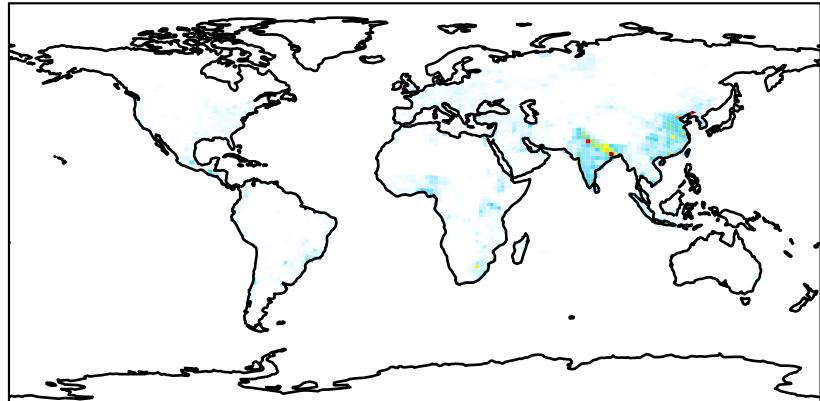


EmisBCPI_Anthro

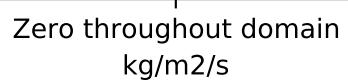
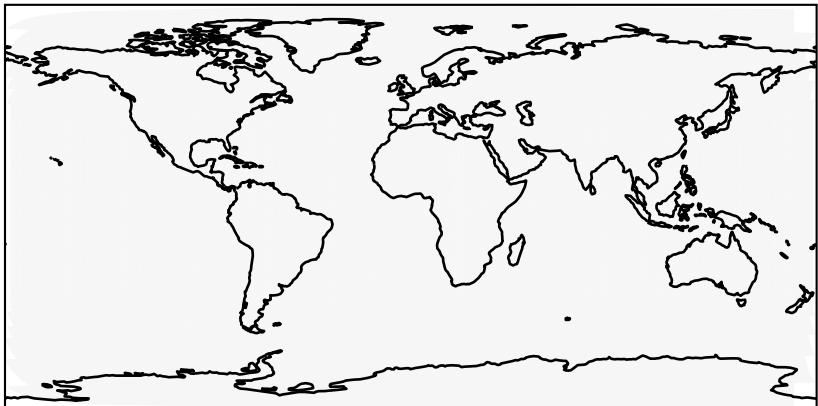
GCHP_13.0.0-beta.0 (Ref)
c48



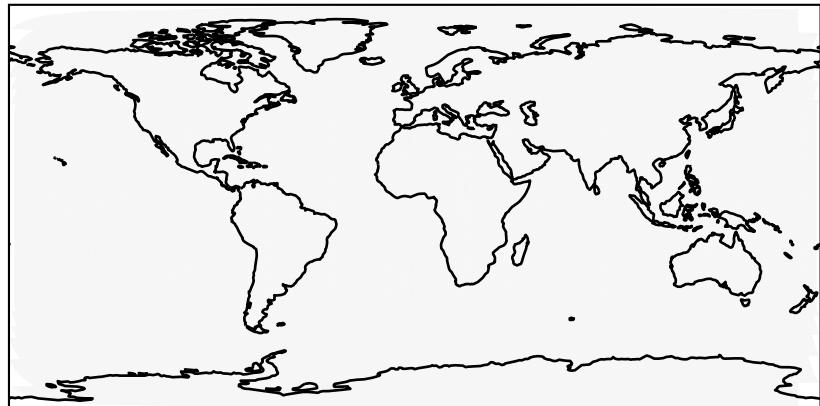
GCHP_13.0.0-offlineEmis (Dev)
c48



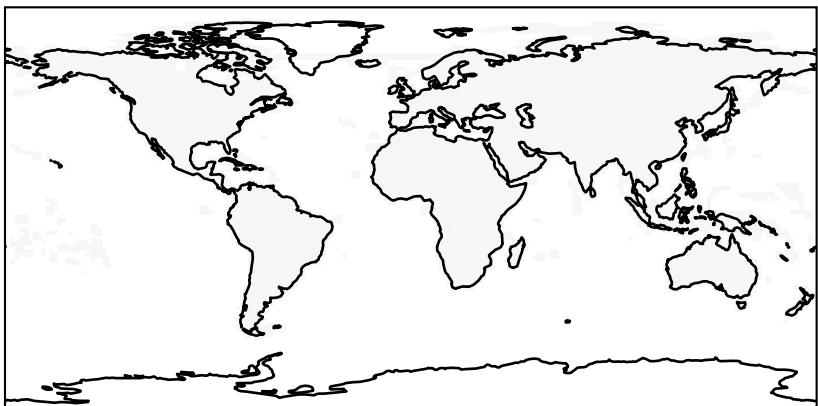
Difference
Dev - Ref, Dynamic Range



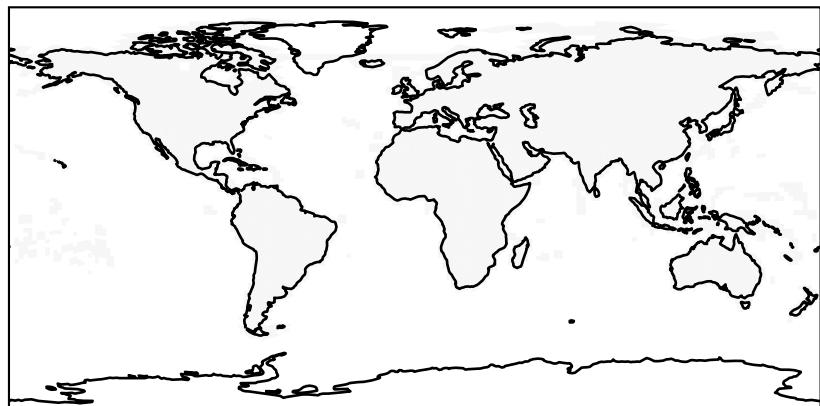
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

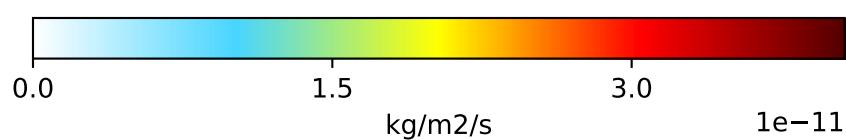
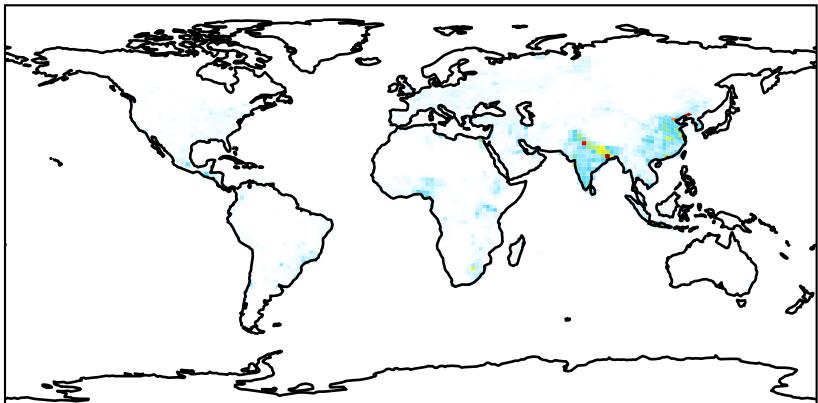


Ratio
Dev/Ref, Fixed Range

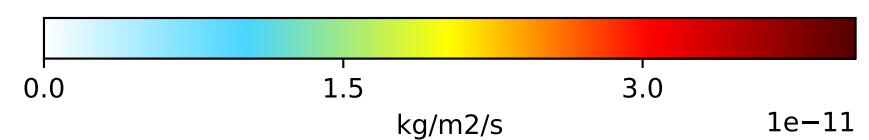
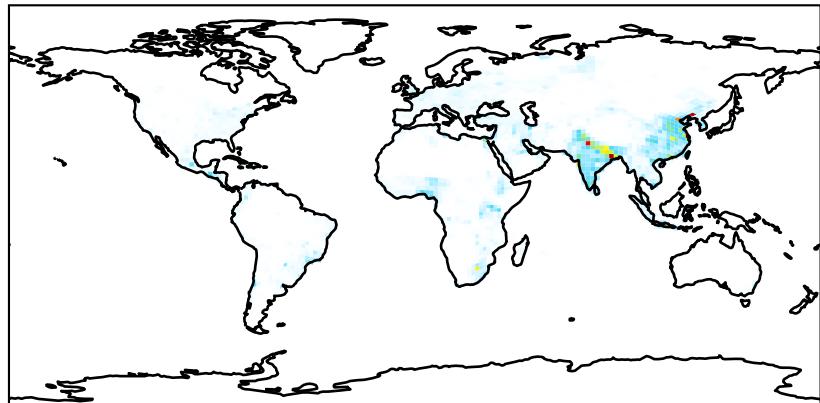


EmisBCPO_Anthro

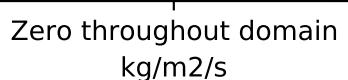
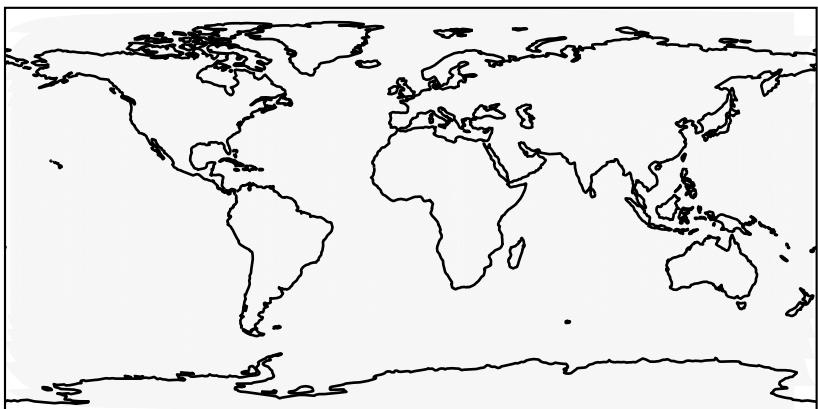
GCHP_13.0.0-beta.0 (Ref)
c48



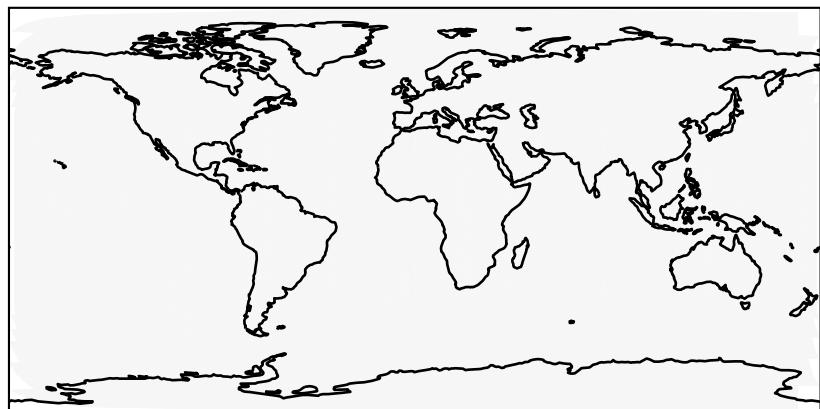
GCHP_13.0.0-offlineEmis (Dev)
c48



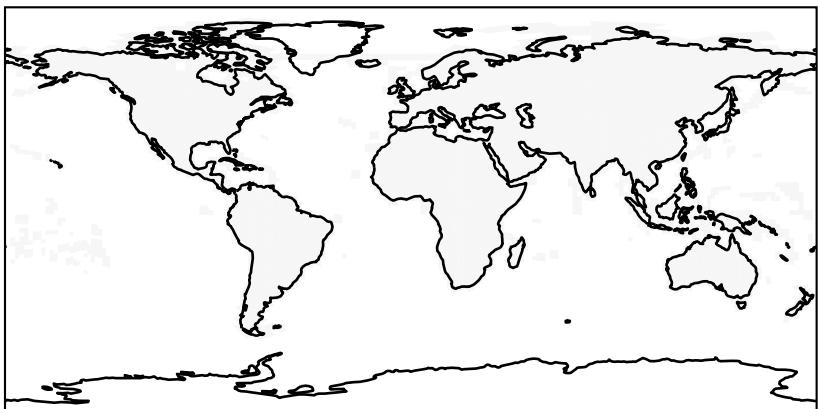
Difference
Dev - Ref, Dynamic Range



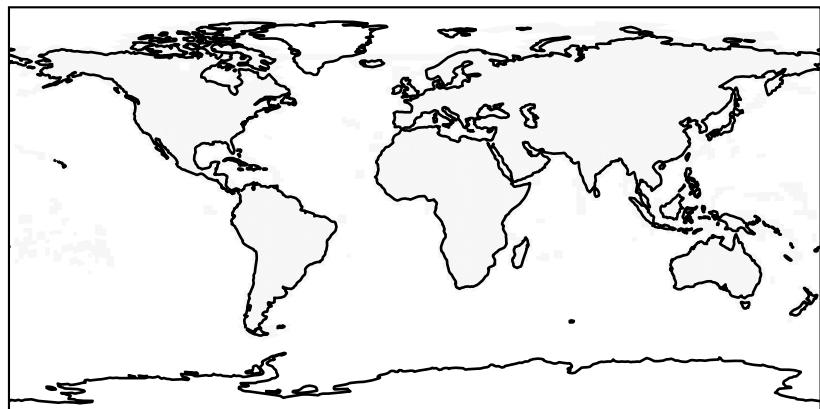
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

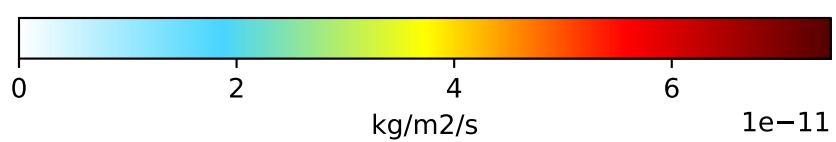
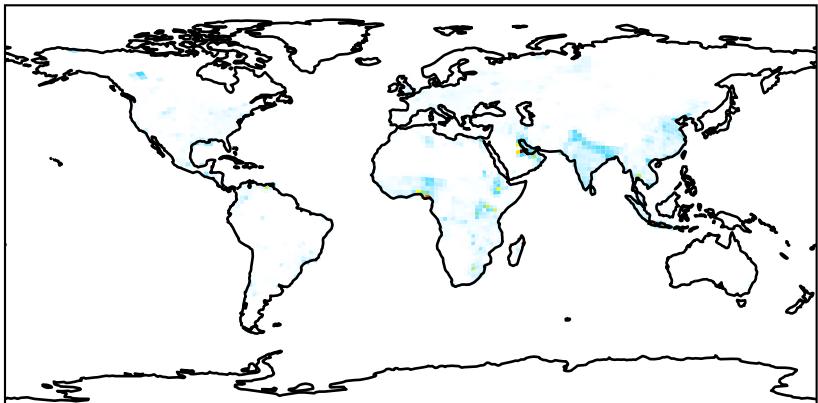


Ratio
Dev/Ref, Fixed Range

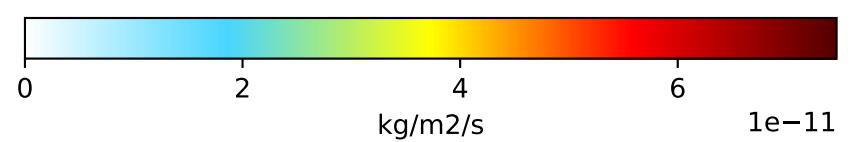
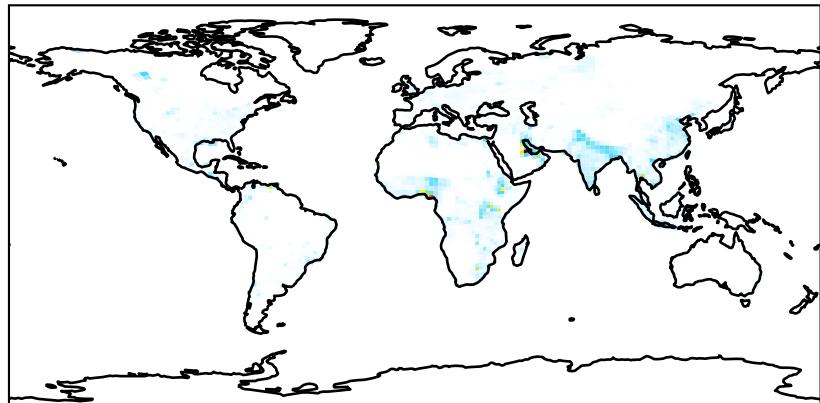


EmisBENZ_Anthro

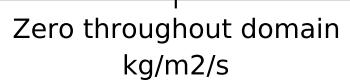
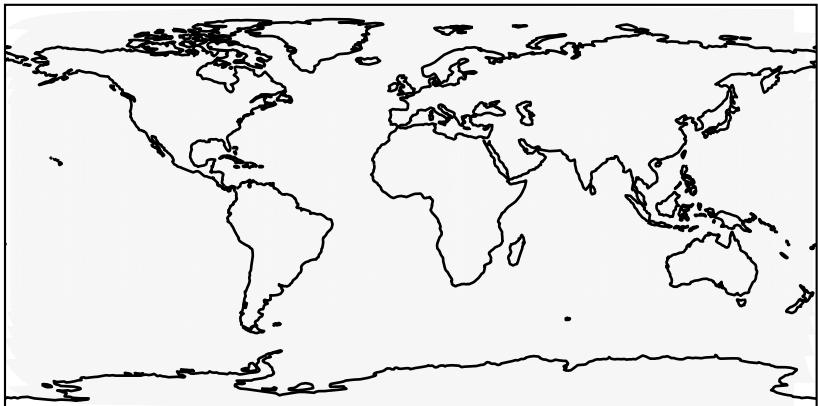
GCHP_13.0.0-beta.0 (Ref)
c48



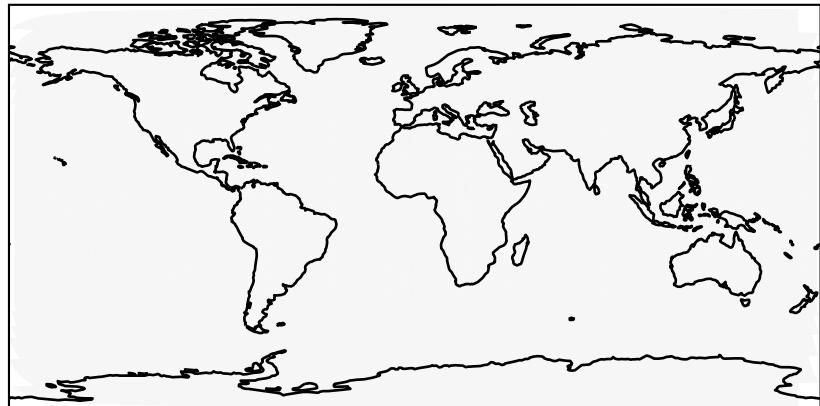
GCHP_13.0.0-offlineEmis (Dev)
c48



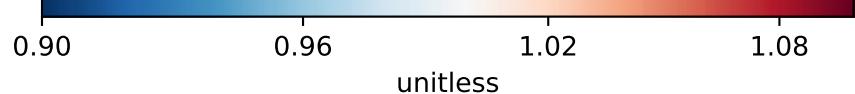
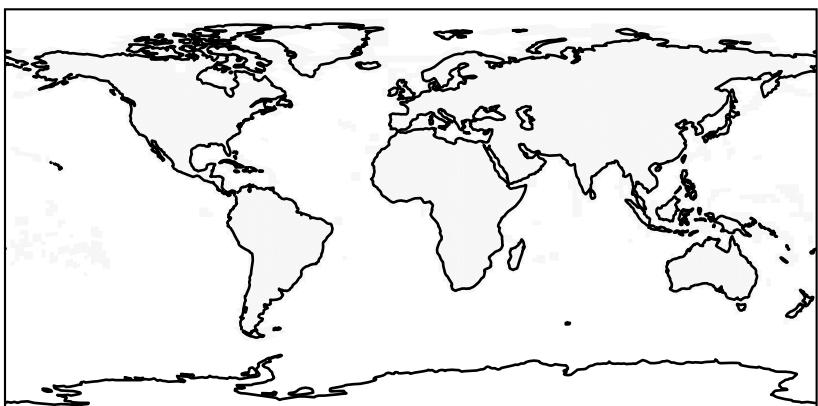
Difference
Dev - Ref, Dynamic Range



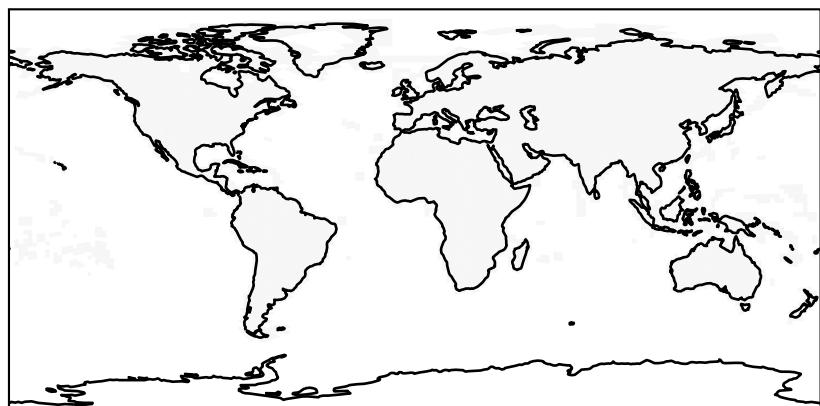
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

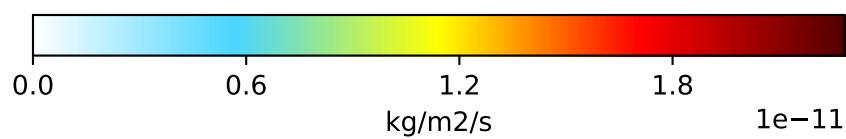
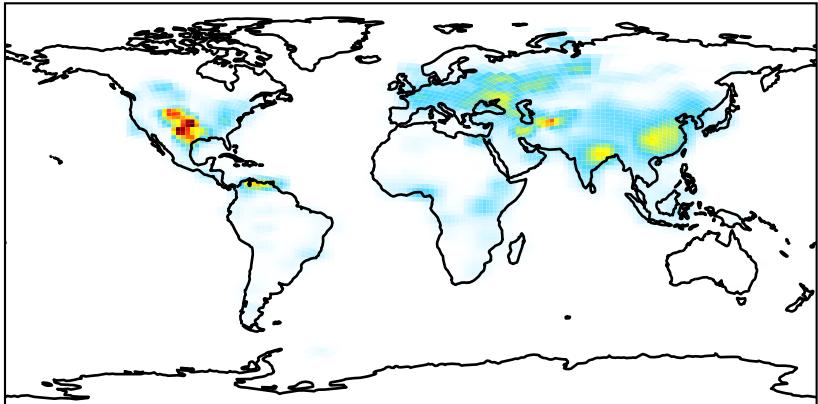


Ratio
Dev/Ref, Fixed Range

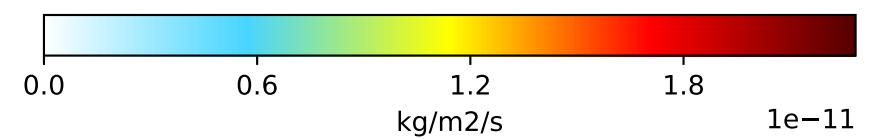
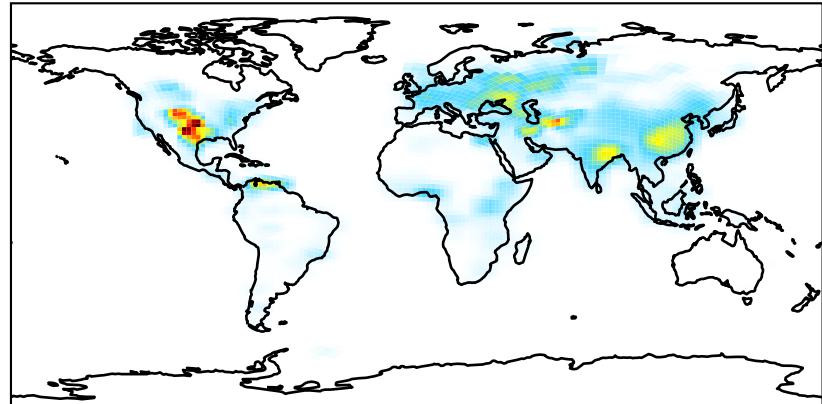


EmisC2H6_Anthro

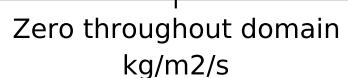
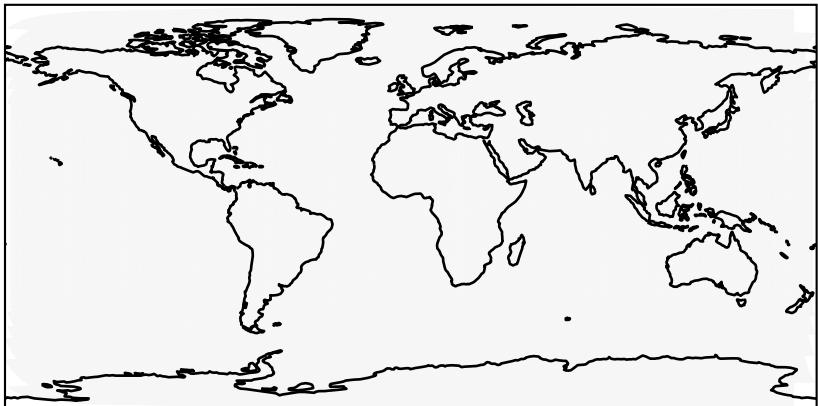
GCHP_13.0.0-beta.0 (Ref)
c48



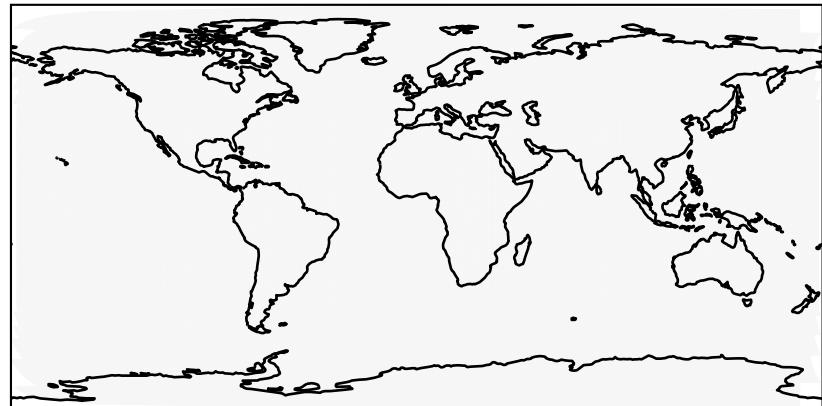
GCHP_13.0.0-offlineEmis (Dev)
c48



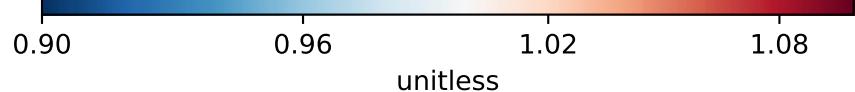
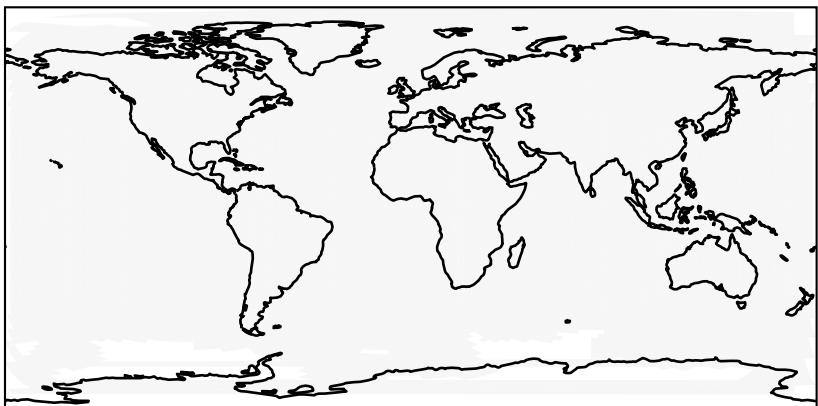
Difference
Dev - Ref, Dynamic Range



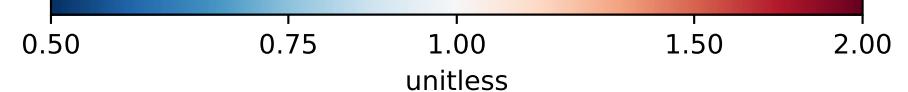
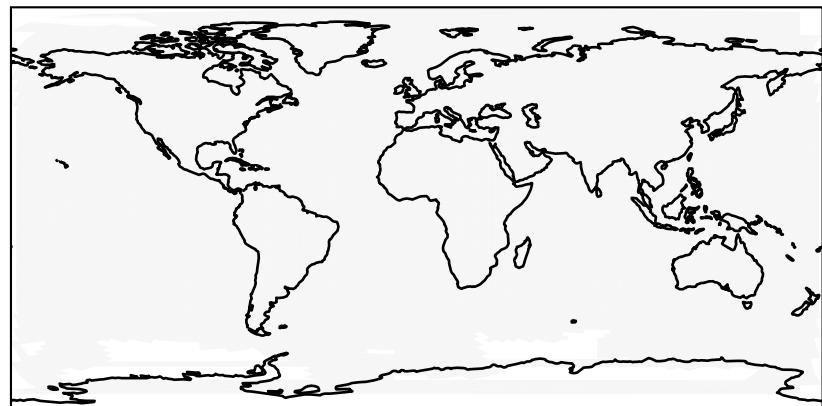
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

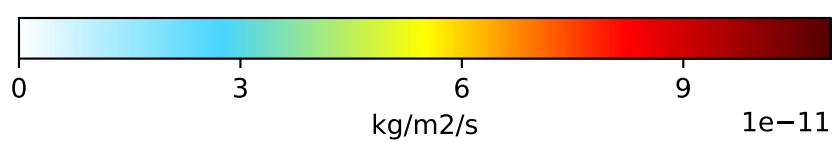
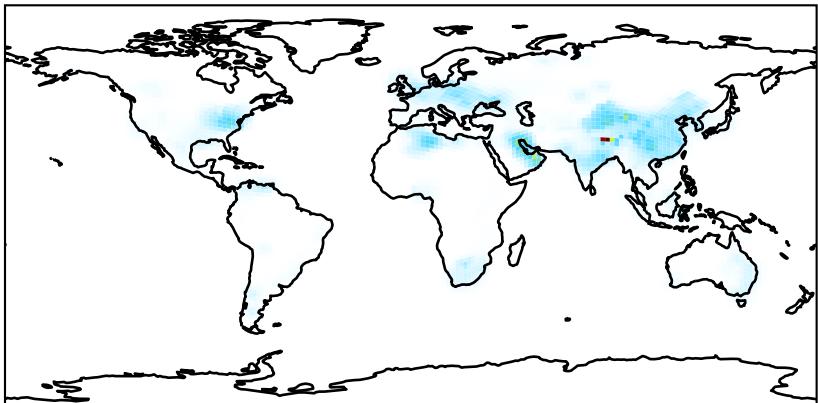


Ratio
Dev/Ref, Fixed Range

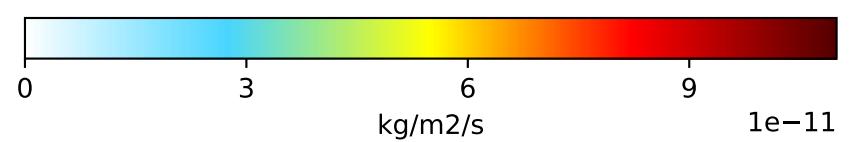
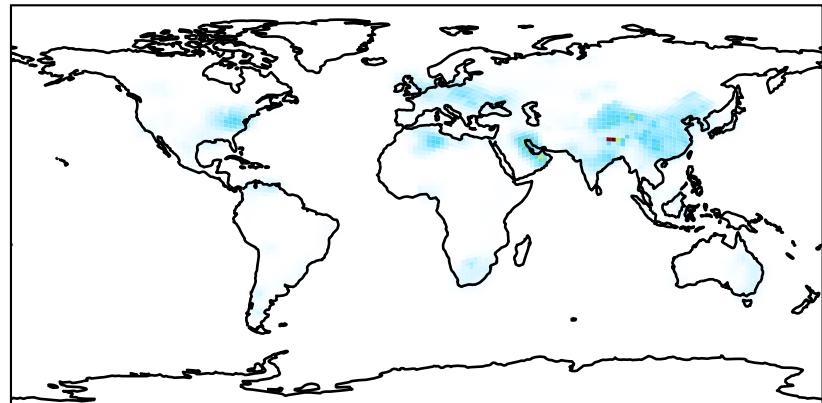


EmisC3H8_Anthro

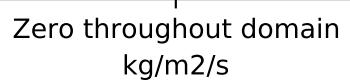
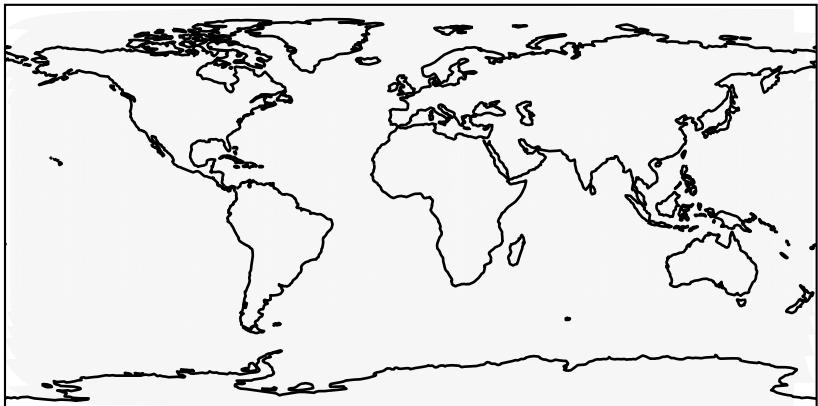
GCHP_13.0.0-beta.0 (Ref)
c48



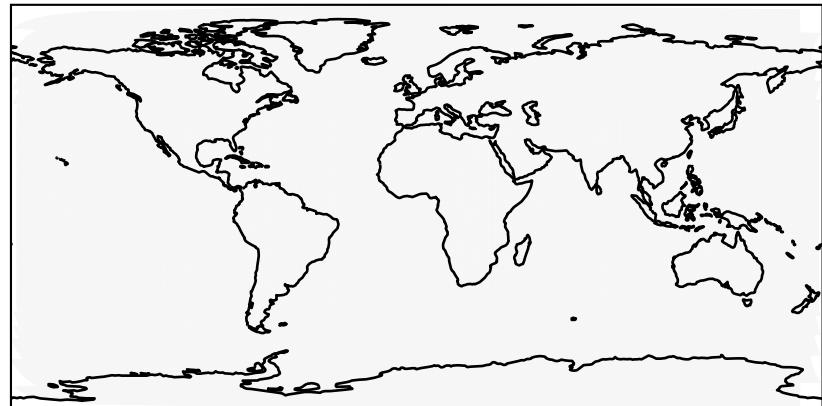
GCHP_13.0.0-offlineEmis (Dev)
c48



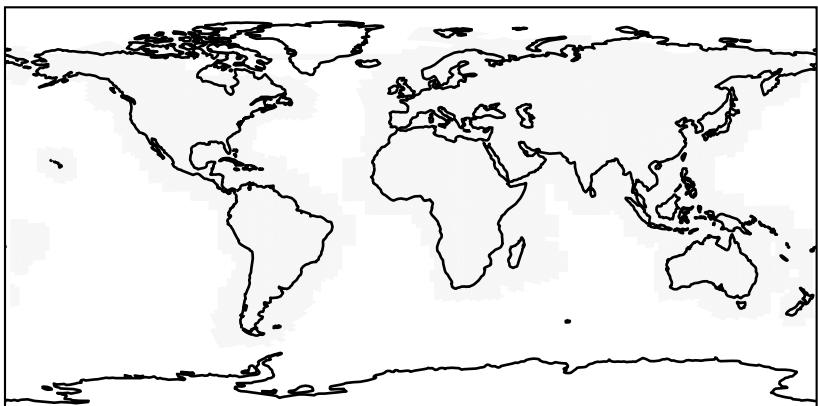
Difference
Dev - Ref, Dynamic Range



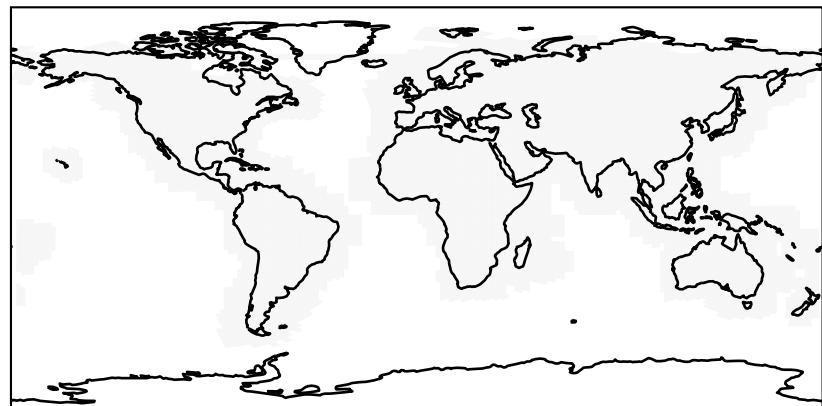
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

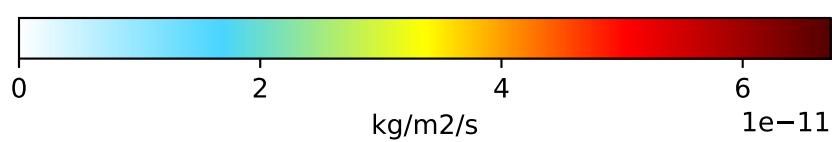
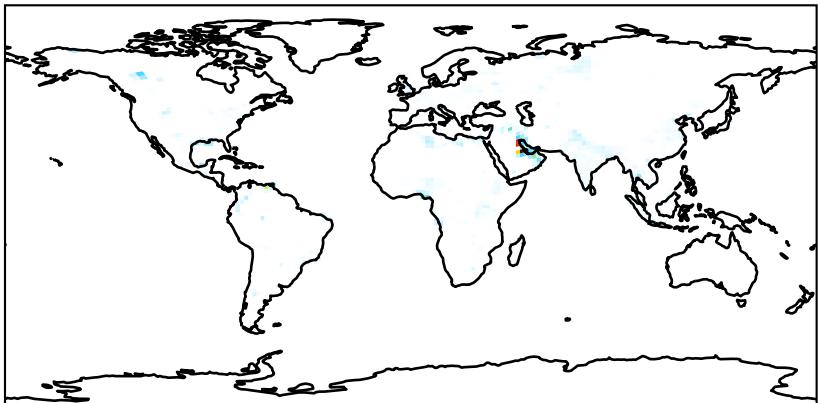


Ratio
Dev/Ref, Fixed Range

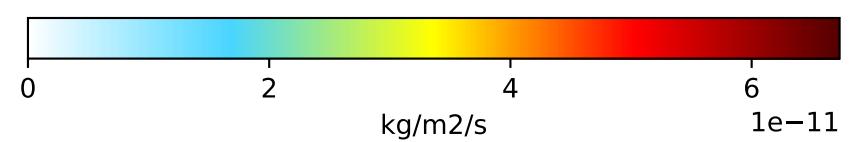
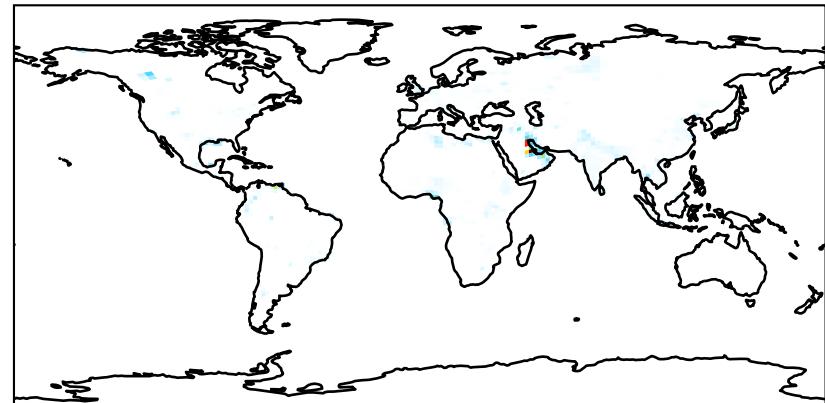


EmisCH2O_Anthro

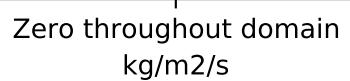
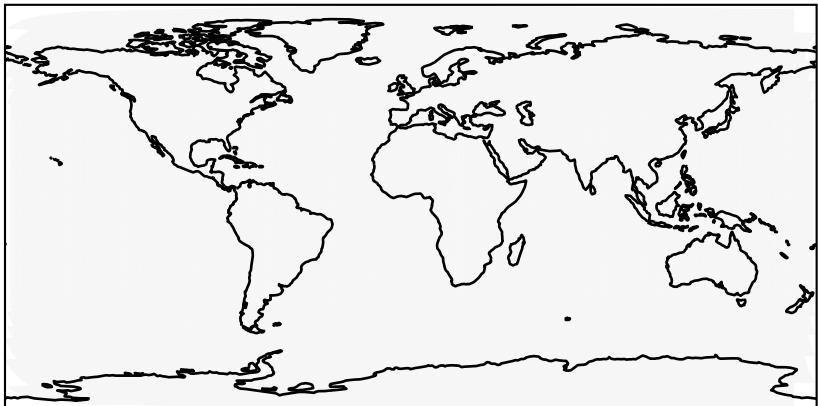
GCHP_13.0.0-beta.0 (Ref)
c48



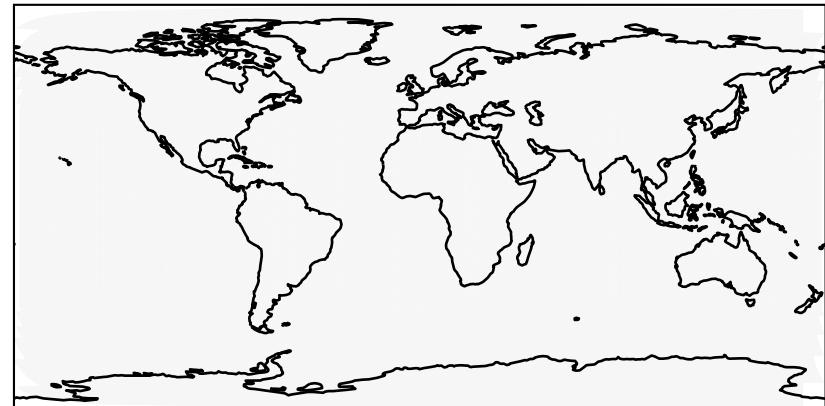
GCHP_13.0.0-offlineEmis (Dev)
c48



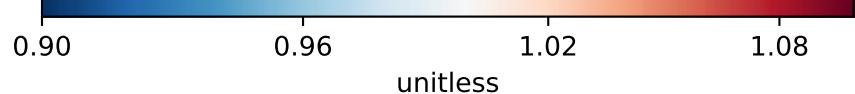
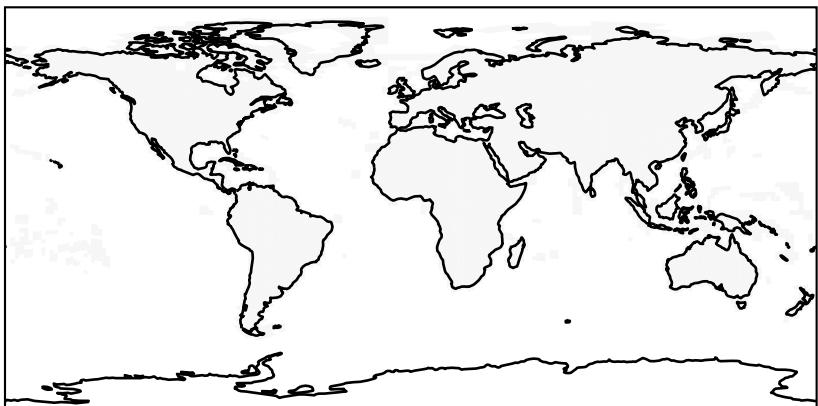
Difference
Dev - Ref, Dynamic Range



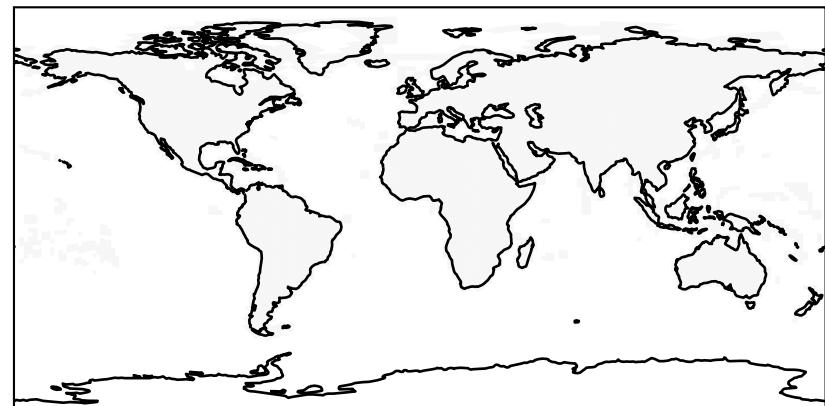
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

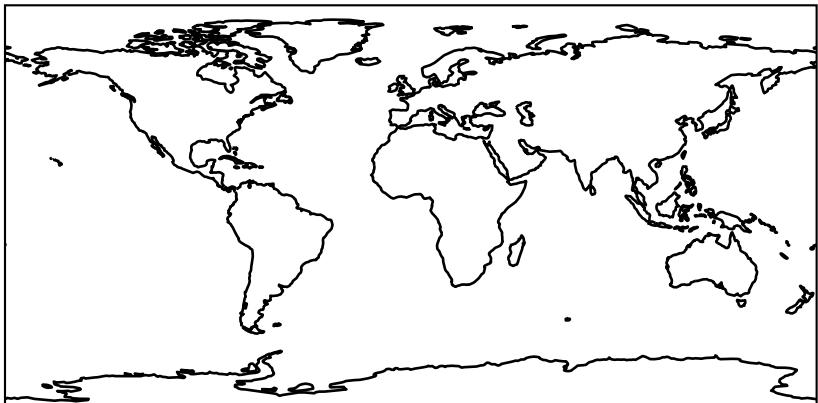


Ratio
Dev/Ref, Fixed Range



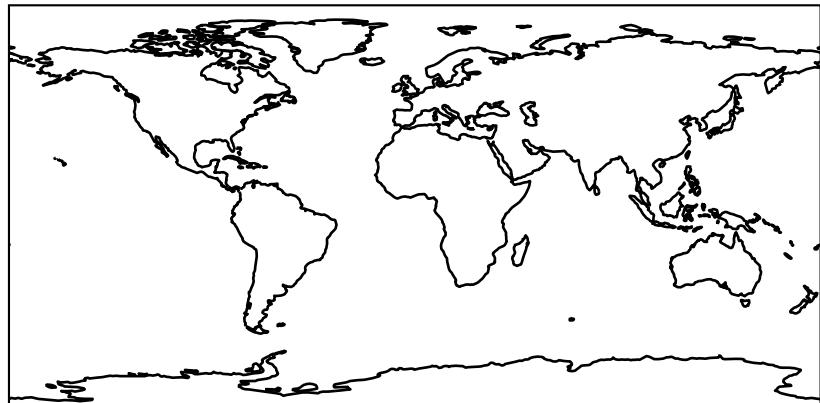
EmisCH4_Anthro

GCHP_13.0.0-beta.0 (Ref)
c48



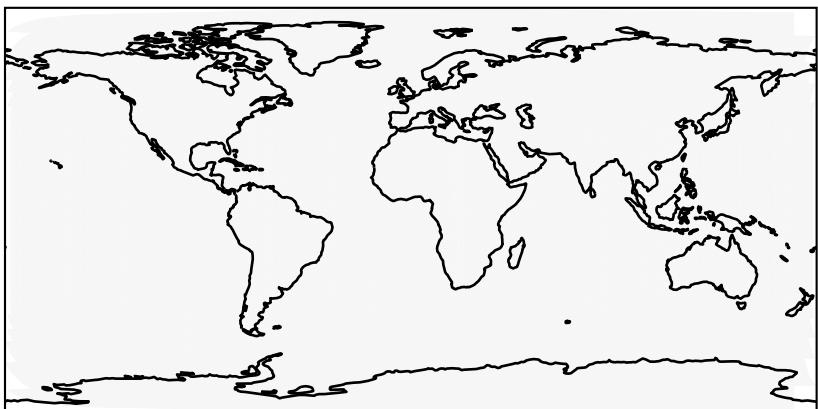
Zero throughout domain
kg/m²/s

GCHP_13.0.0-offlineEmis (Dev)
c48



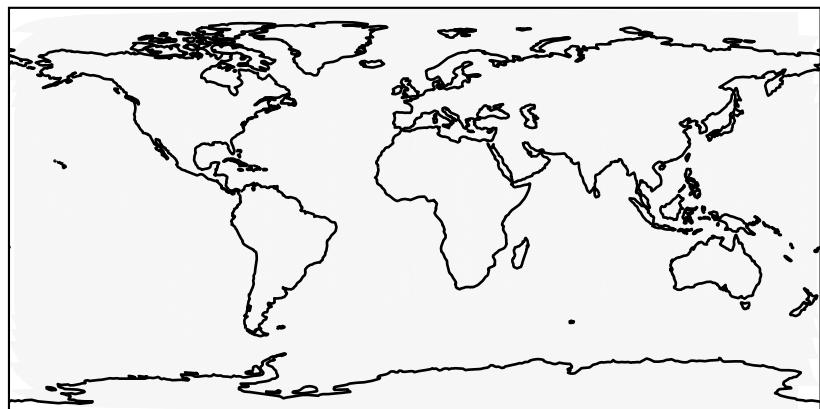
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



Zero throughout domain
kg/m²/s

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



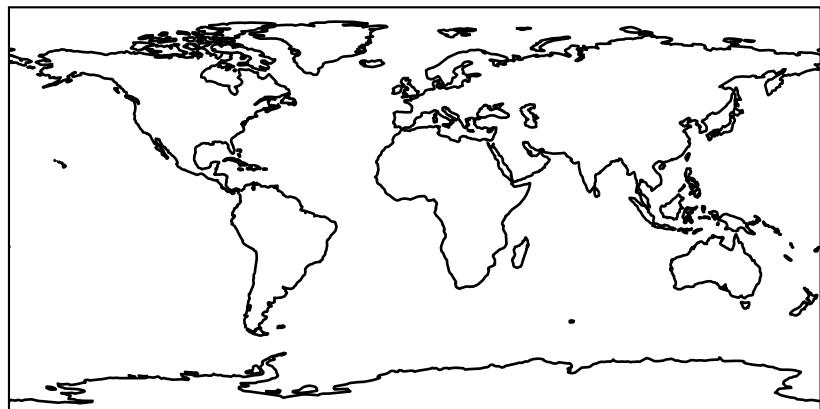
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

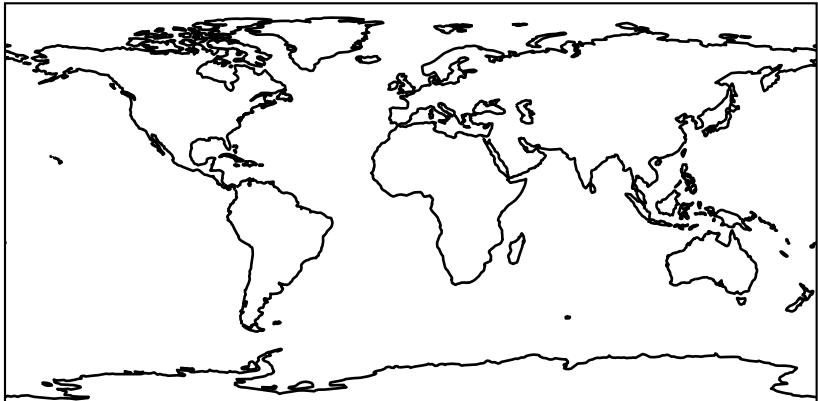
Ratio
Dev/Ref, Fixed Range



Undefined throughout domain
unitless

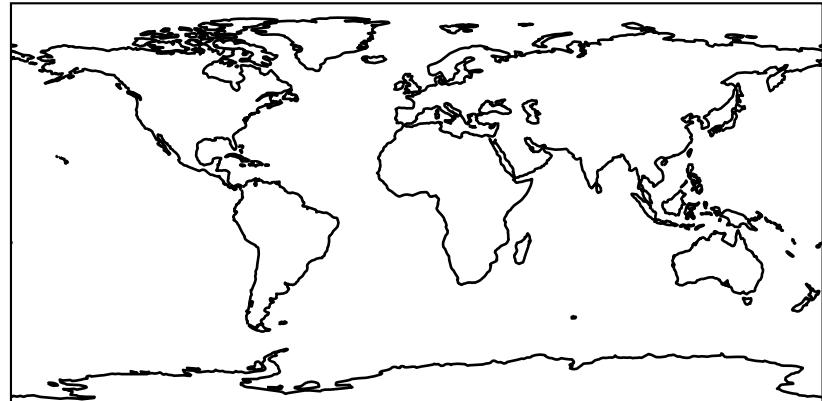
EmisCO2_Anthro

GCHP_13.0.0-beta.0 (Ref)
c48



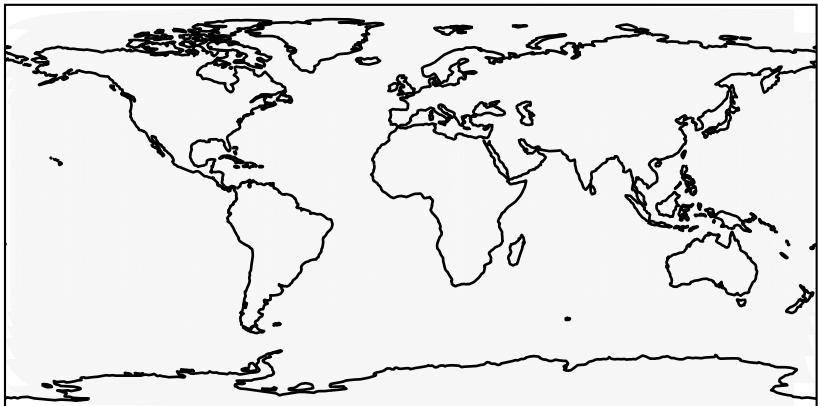
Zero throughout domain
kg/m²/s

GCHP_13.0.0-offlineEmis (Dev)
c48



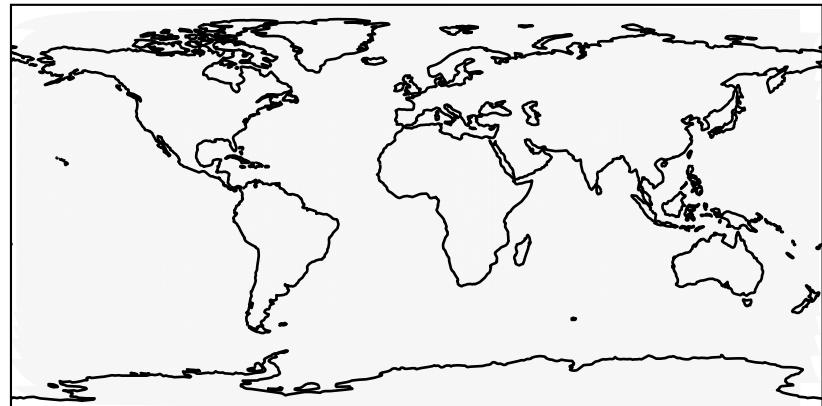
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



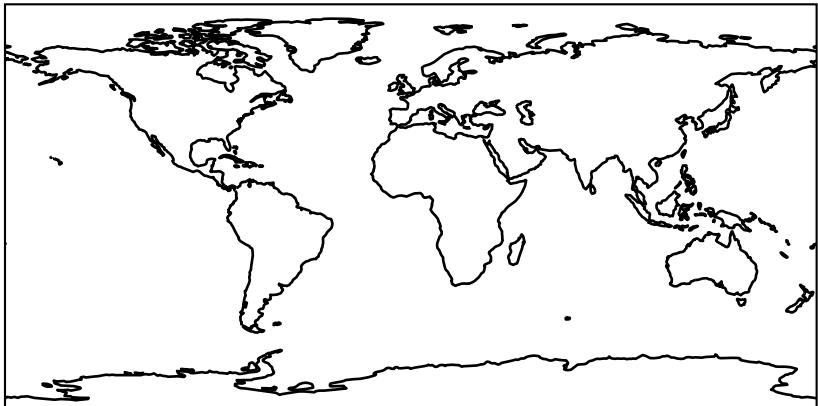
Zero throughout domain
kg/m²/s

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



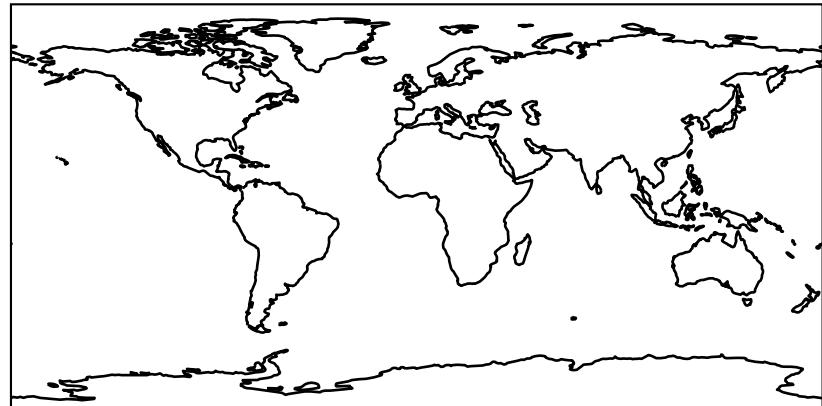
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

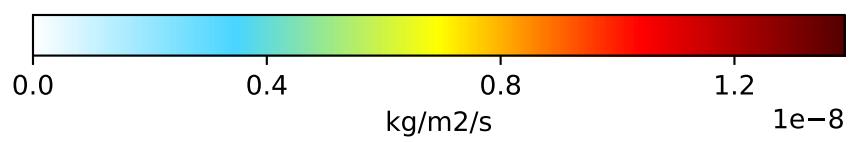
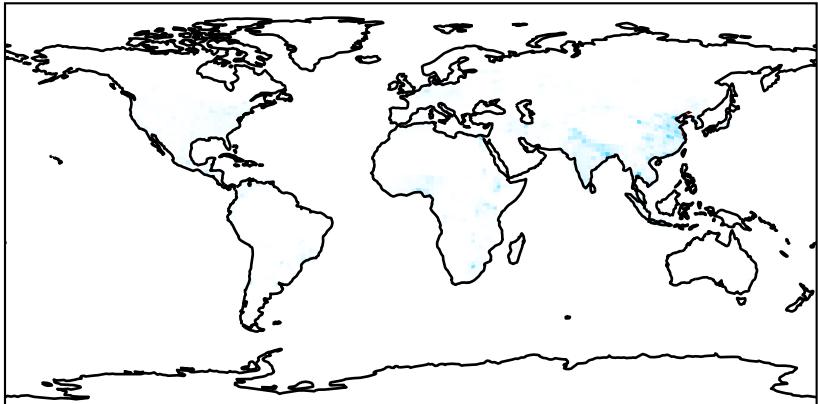
Ratio
Dev/Ref, Fixed Range



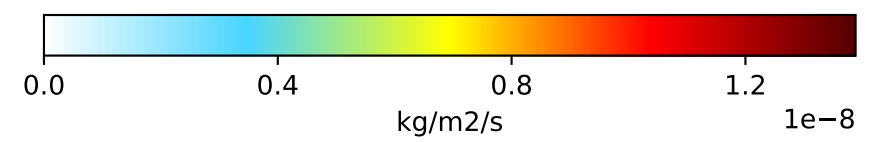
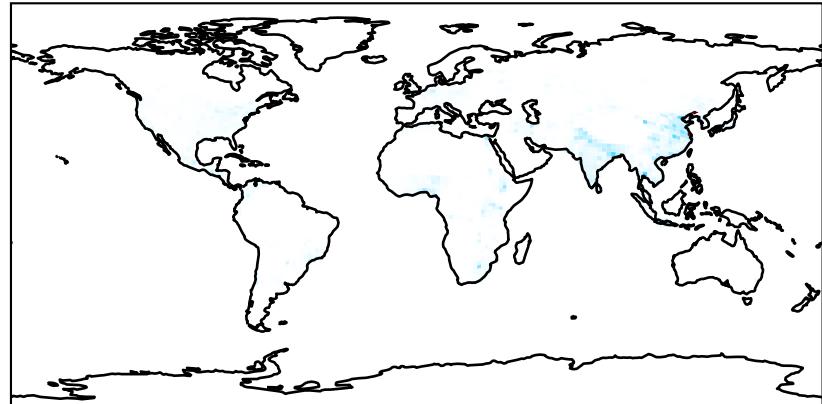
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unitless

EmisCO_Anthro

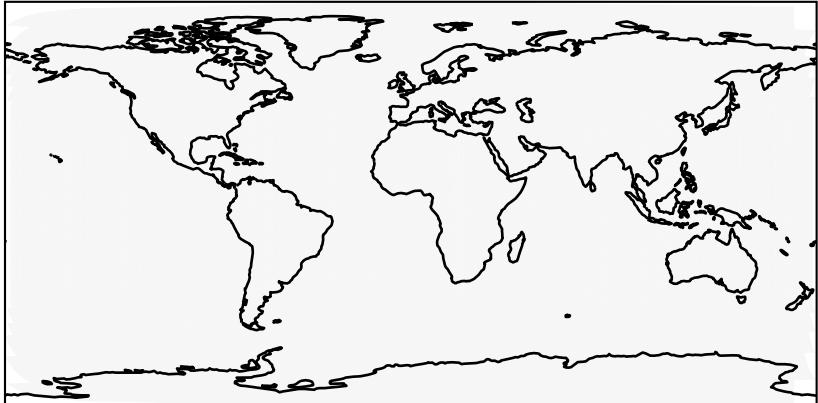
GCHP_13.0.0-beta.0 (Ref)
c48



GCHP_13.0.0-offlineEmis (Dev)
c48

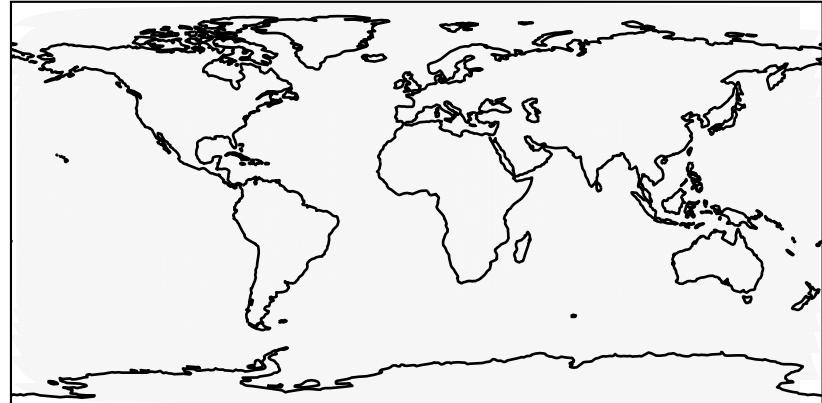


Difference
Dev - Ref, Dynamic Range



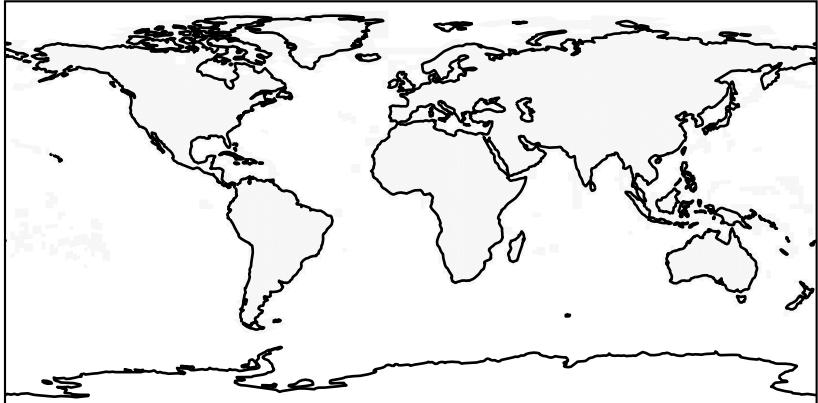
Zero throughout domain
kg/m²/s

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



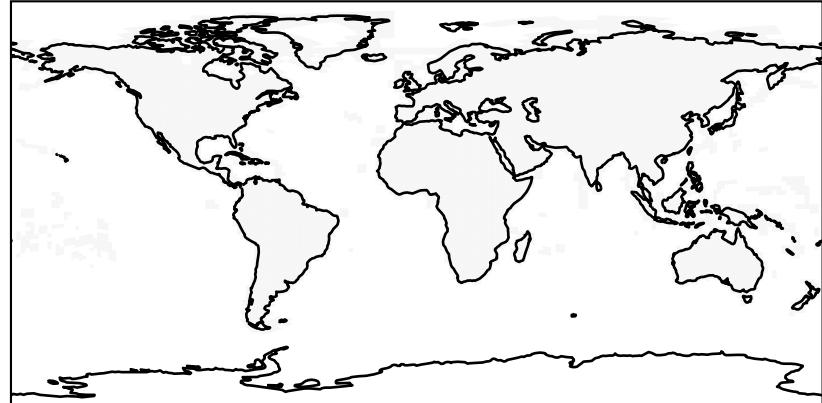
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



0.90 0.96 1.02 1.08
unitless

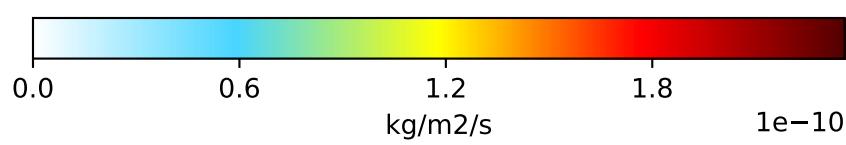
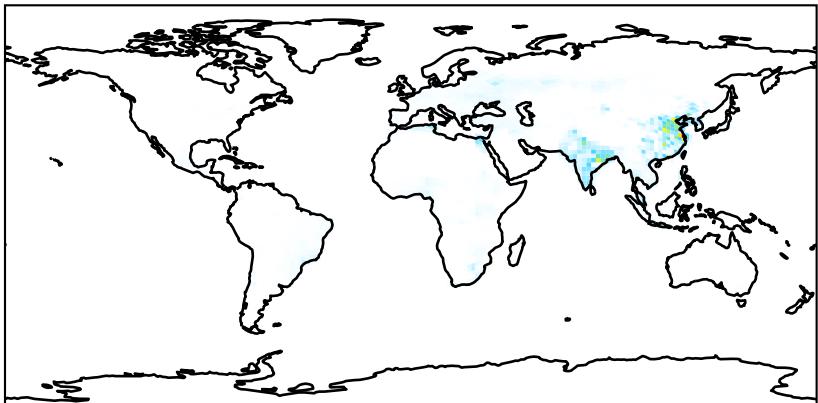
Ratio
Dev/Ref, Fixed Range



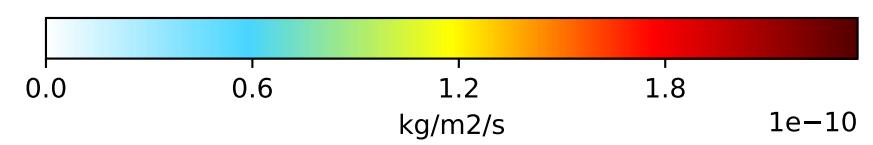
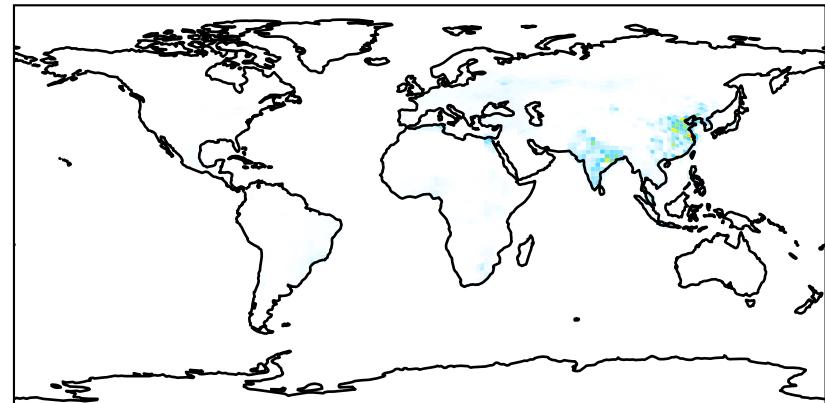
0.50 0.75 1.00 1.50 2.00
unitless

EmisDST1_Anthro

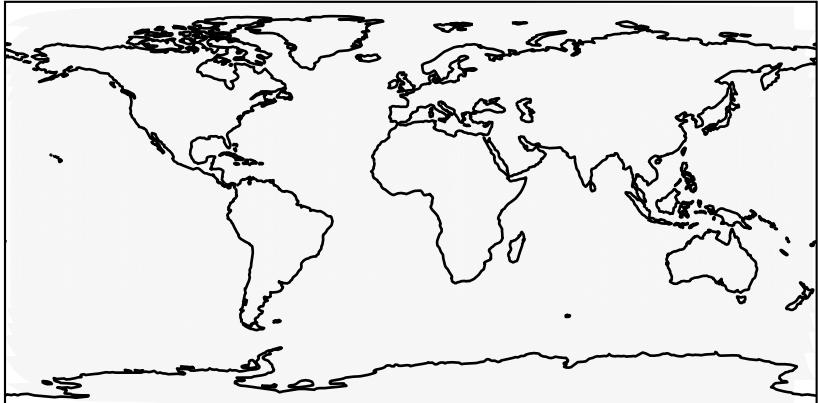
GCHP_13.0.0-beta.0 (Ref)
c48



GCHP_13.0.0-offlineEmis (Dev)
c48

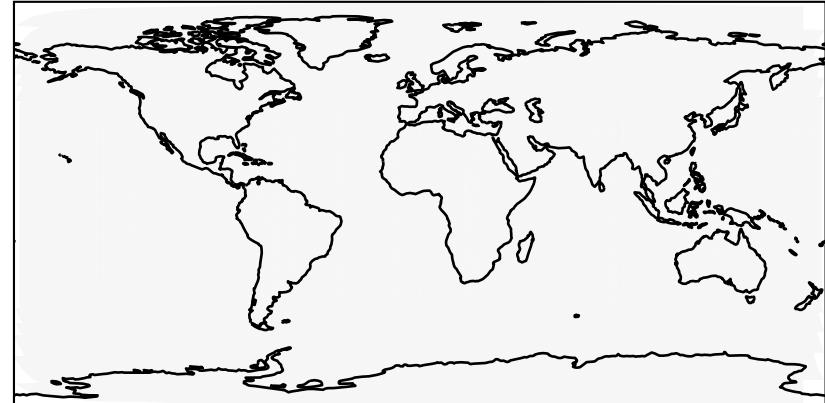


Difference
Dev - Ref, Dynamic Range



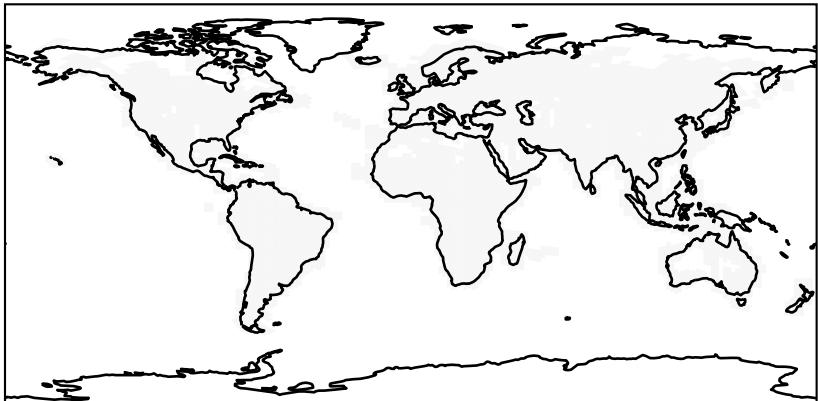
Zero throughout domain
kg/m²/s

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



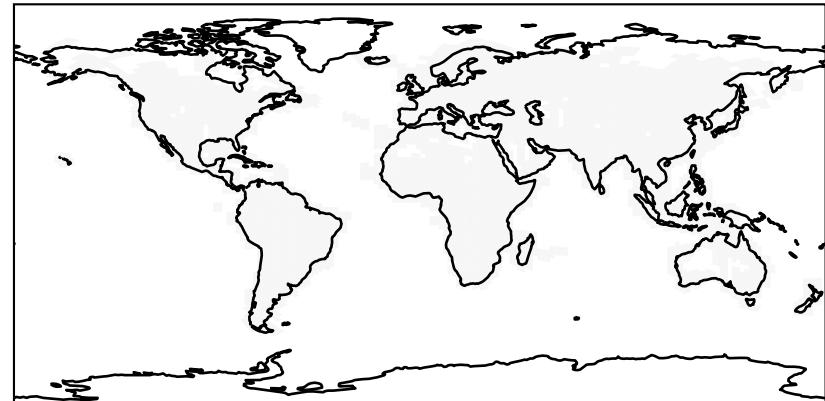
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



0.90 0.96 1.02 1.08
unitless

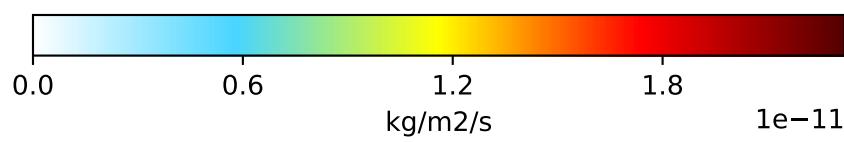
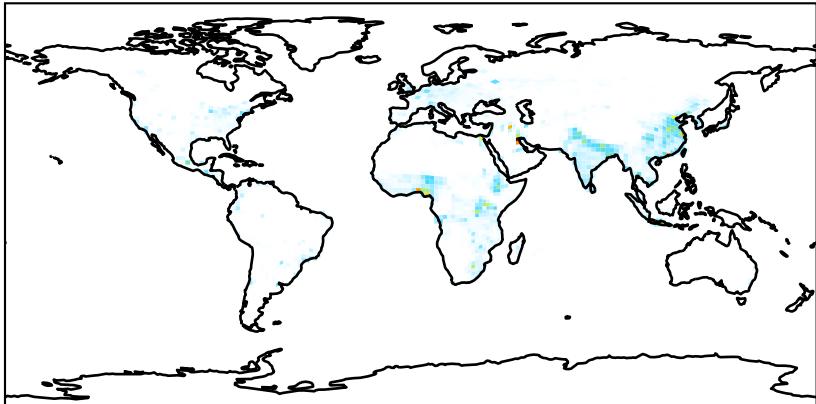
Ratio
Dev/Ref, Fixed Range



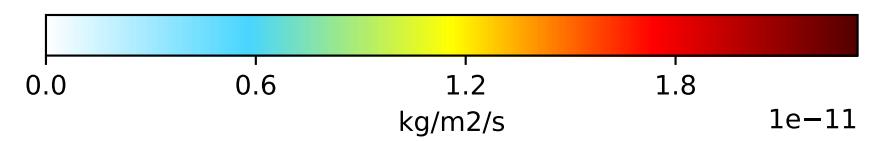
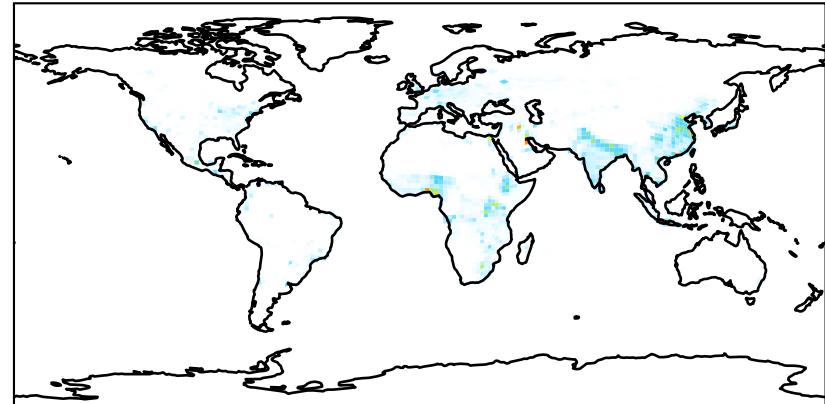
0.50 0.75 1.00 1.50 2.00
unitless

EmisEOH_Anthro

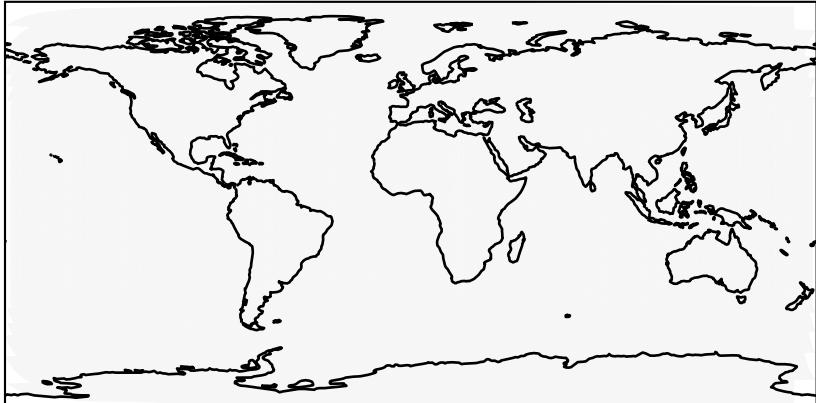
GCHP_13.0.0-beta.0 (Ref)
c48



GCHP_13.0.0-offlineEmis (Dev)
c48

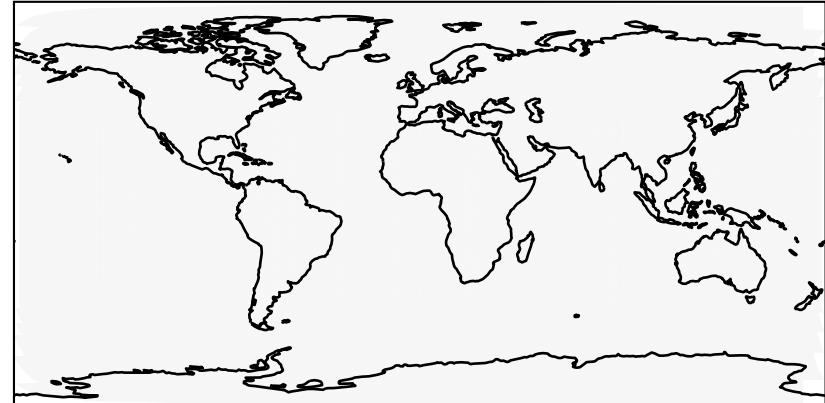


Difference
Dev - Ref, Dynamic Range



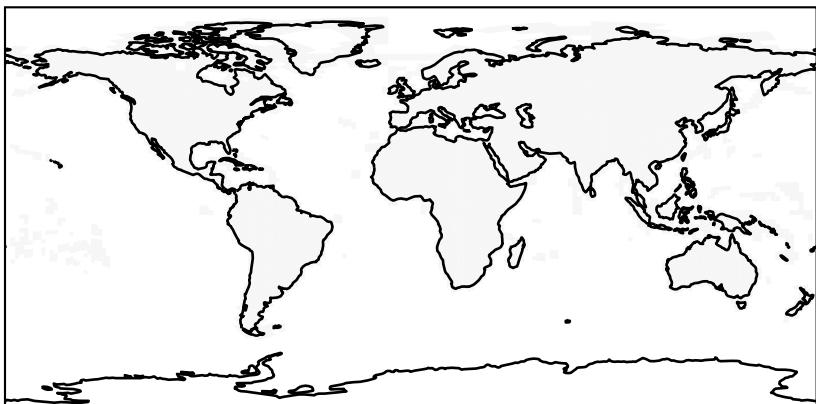
Zero throughout domain
kg/m2/s

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



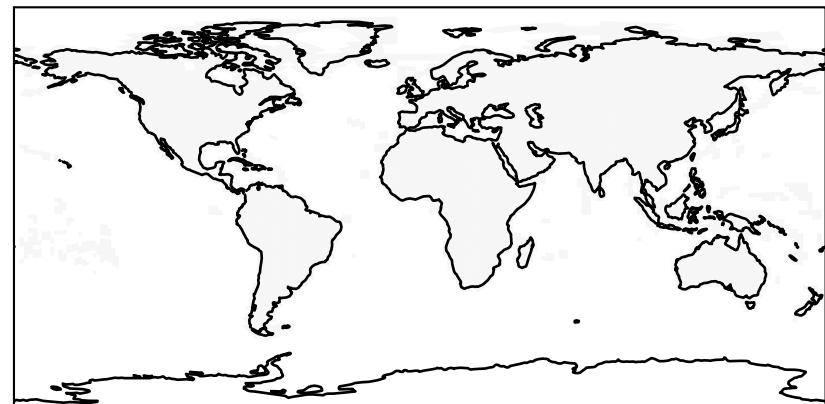
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



0.90 0.96 1.02 1.08
unitless

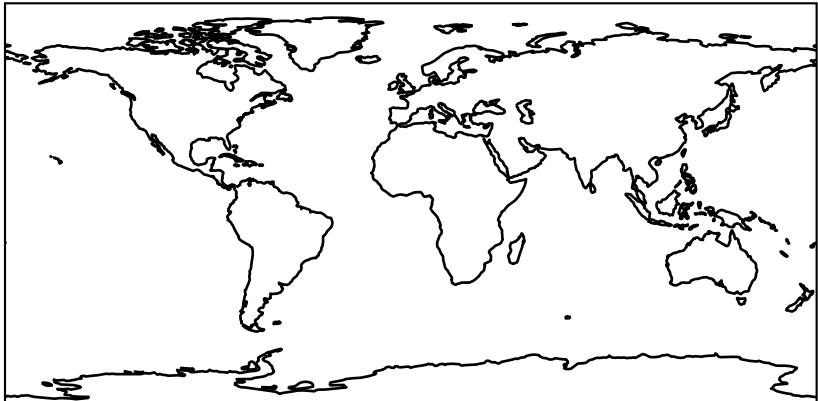
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

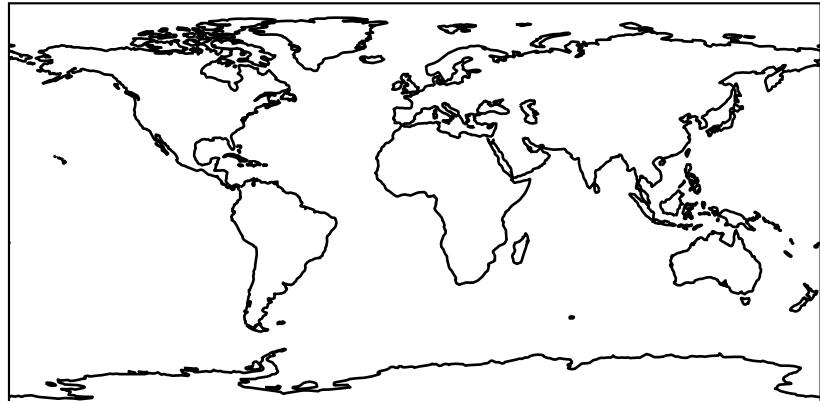
EmisGLYC_Anthro

GCHP_13.0.0-beta.0 (Ref)
c48



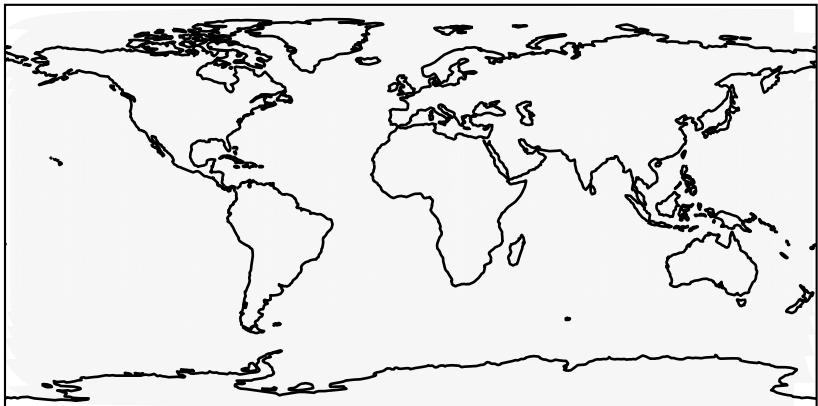
Zero throughout domain
kg/m²/s

GCHP_13.0.0-offlineEmis (Dev)
c48



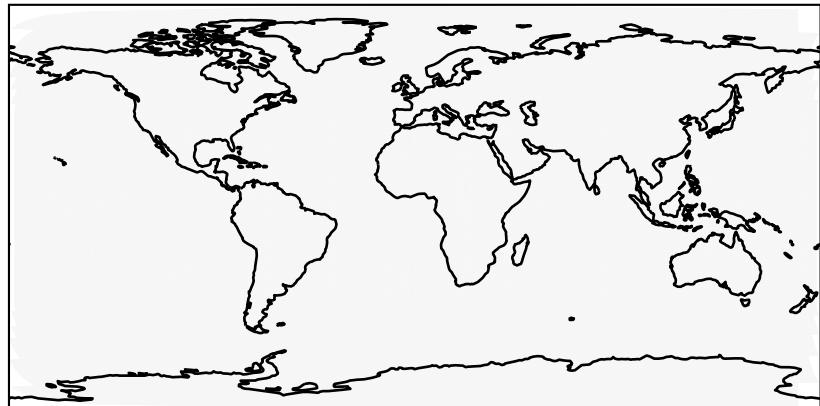
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



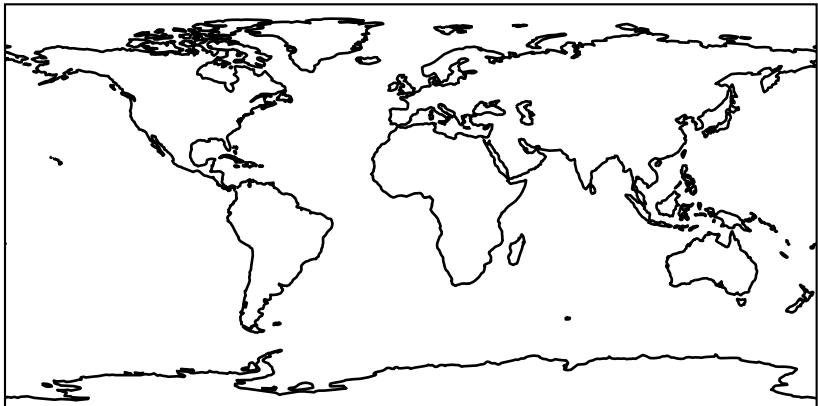
Zero throughout domain
kg/m²/s

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



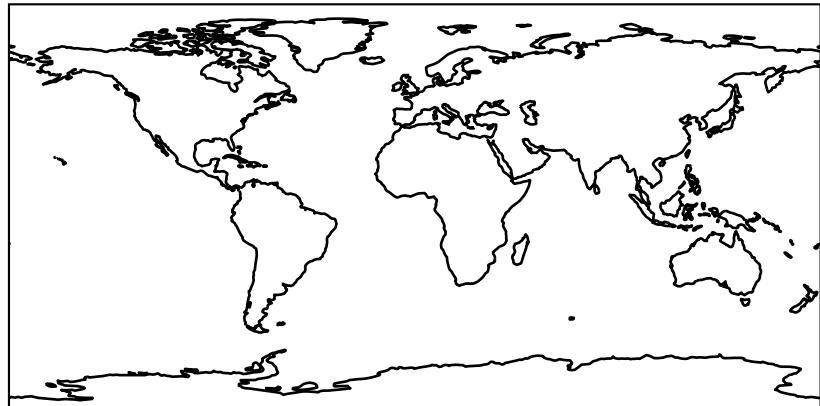
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

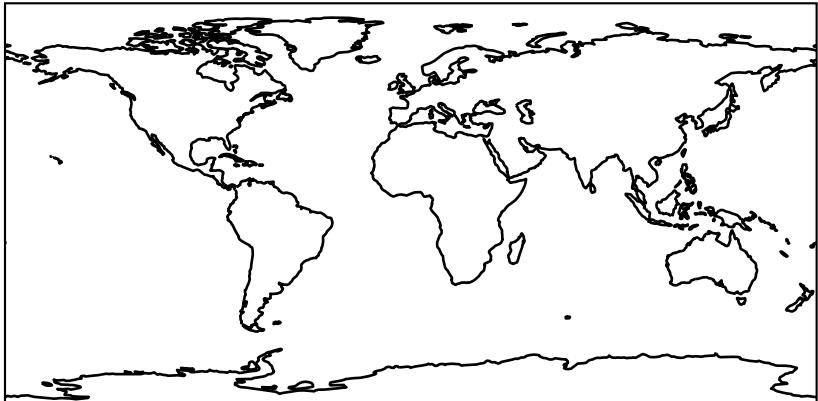
Ratio
Dev/Ref, Fixed Range



Undefined throughout domain
unitless

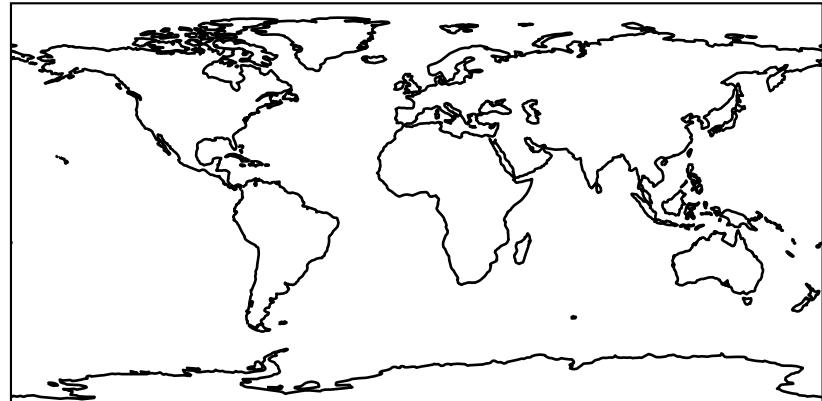
EmisGLYX_Anthro

GCHP_13.0.0-beta.0 (Ref)
c48



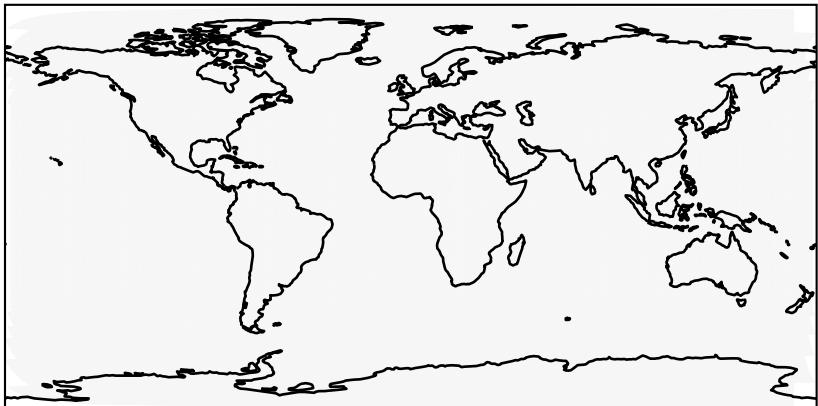
Zero throughout domain
kg/m²/s

GCHP_13.0.0-offlineEmis (Dev)
c48



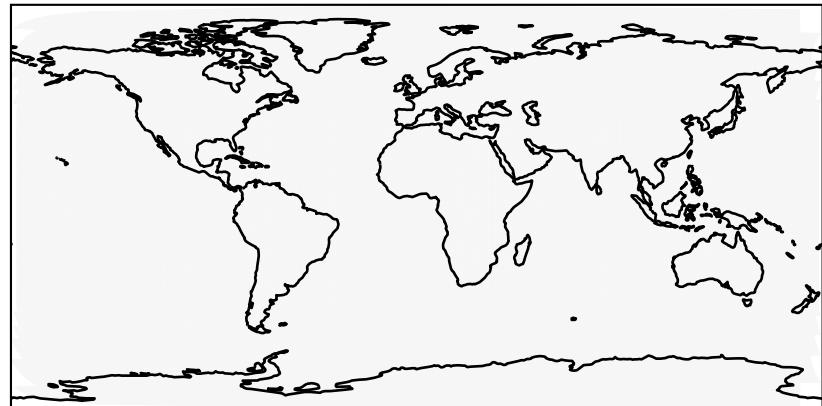
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



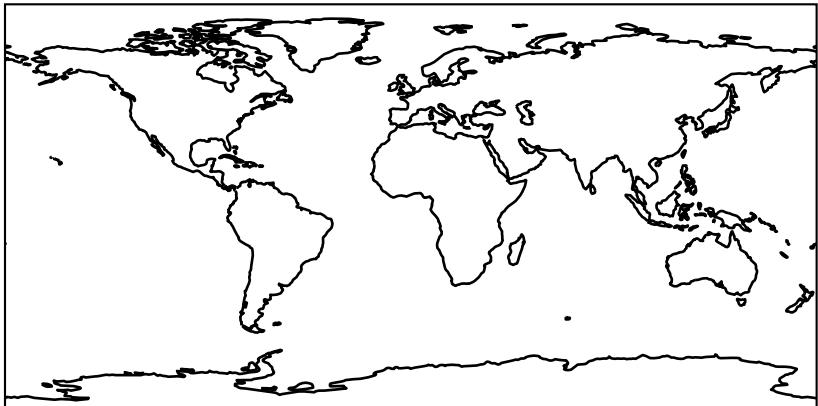
Zero throughout domain
kg/m²/s

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



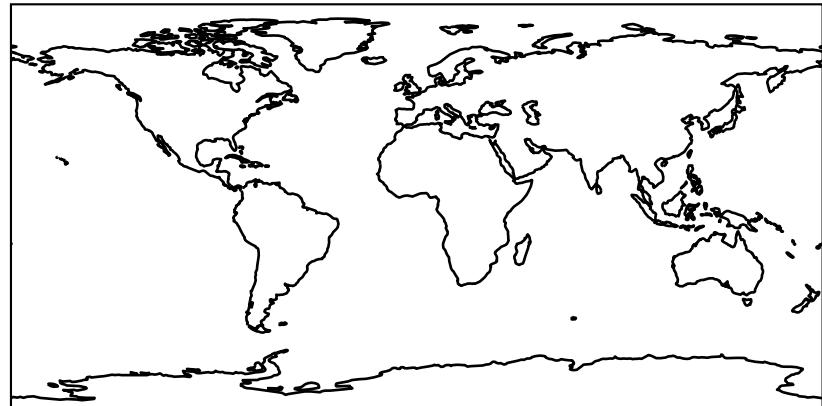
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

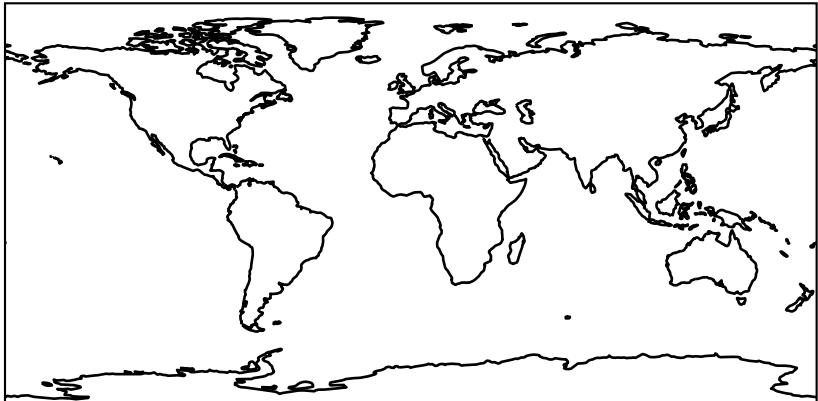
Ratio
Dev/Ref, Fixed Range



Undefined throughout domain
unitless

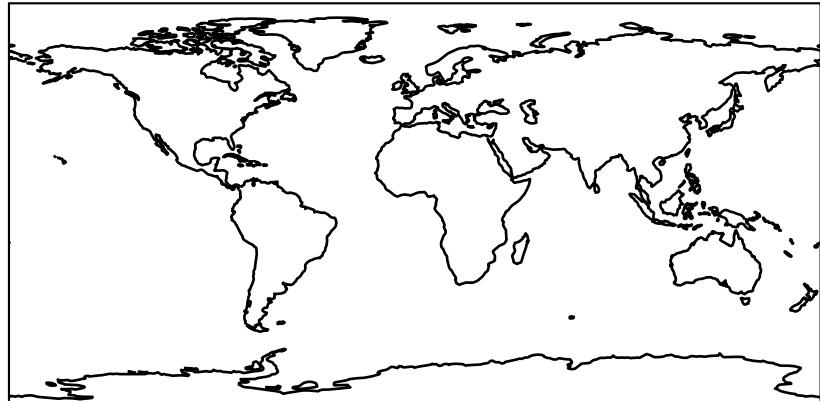
EmisHAC_Anthro

GCHP_13.0.0-beta.0 (Ref)
c48



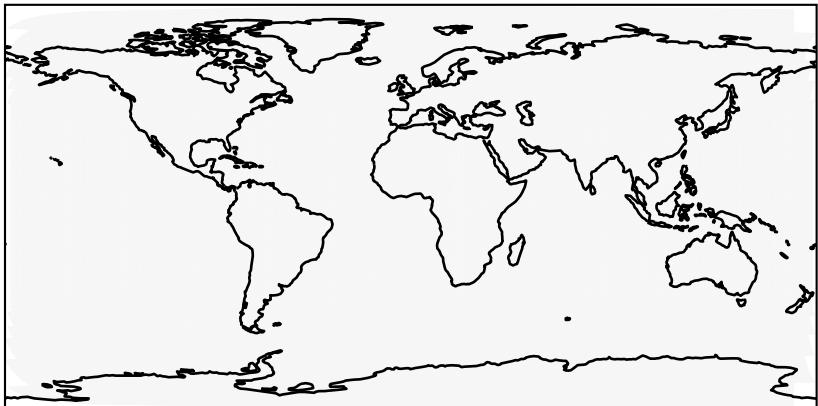
Zero throughout domain
kg/m²/s

GCHP_13.0.0-offlineEmis (Dev)
c48



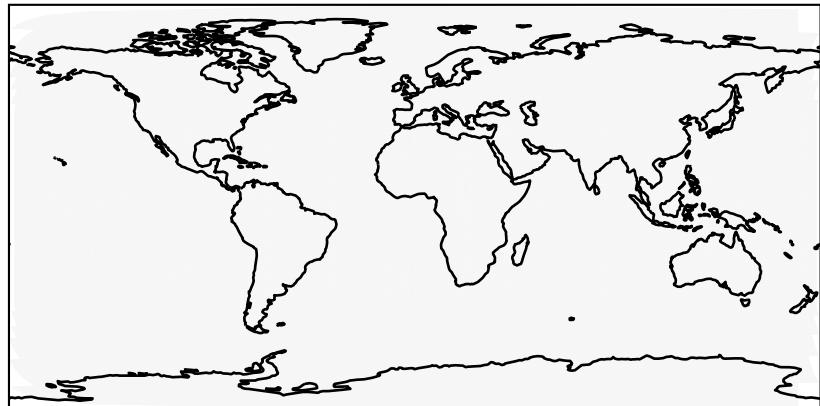
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



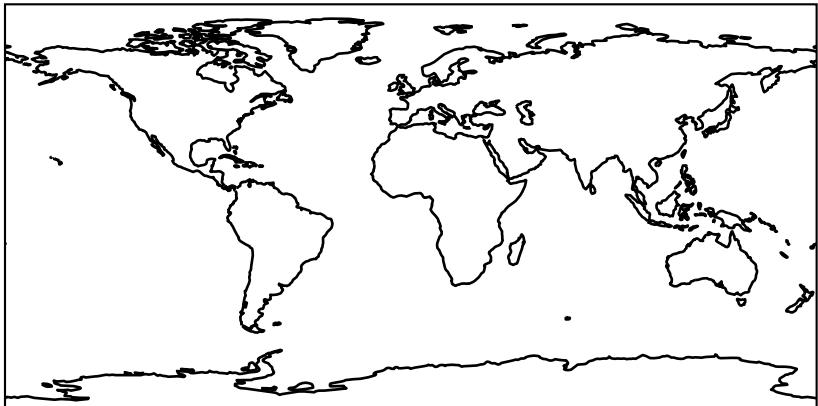
Zero throughout domain
kg/m²/s

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



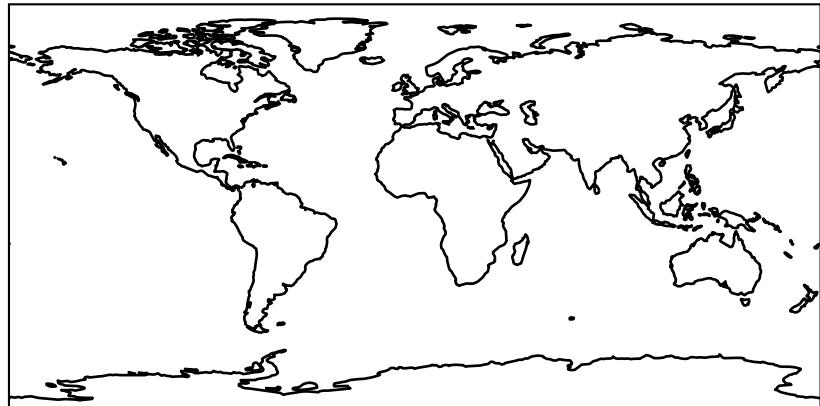
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

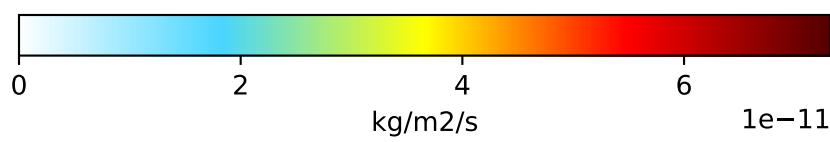
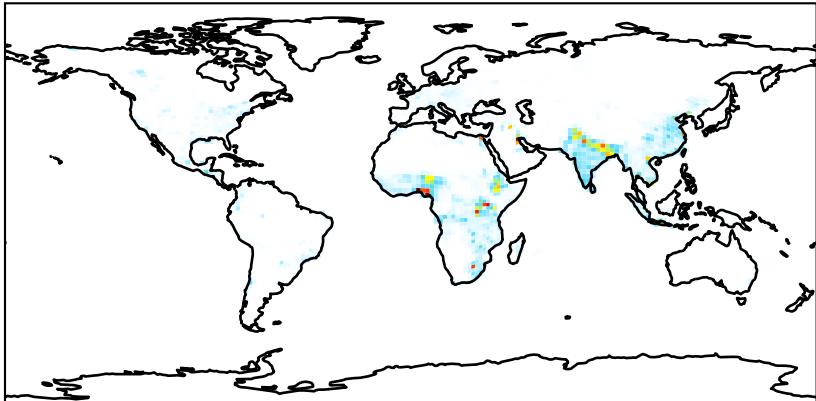
Ratio
Dev/Ref, Fixed Range



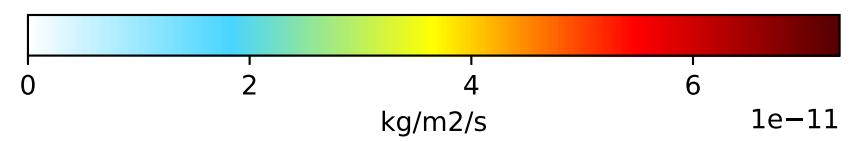
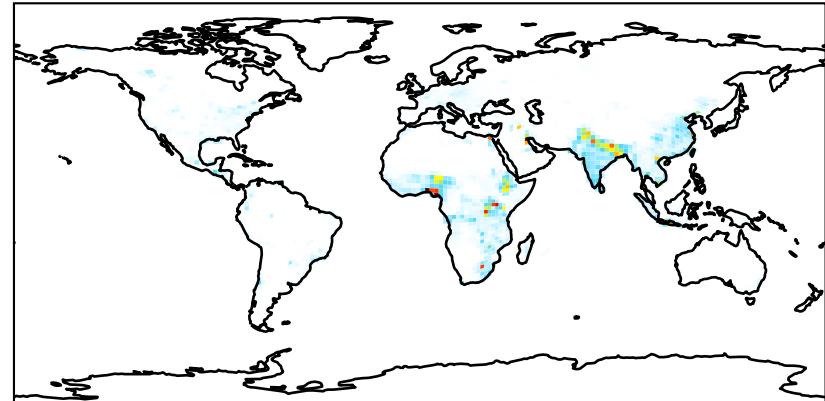
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unitless

EmisHCOOH_Anthro

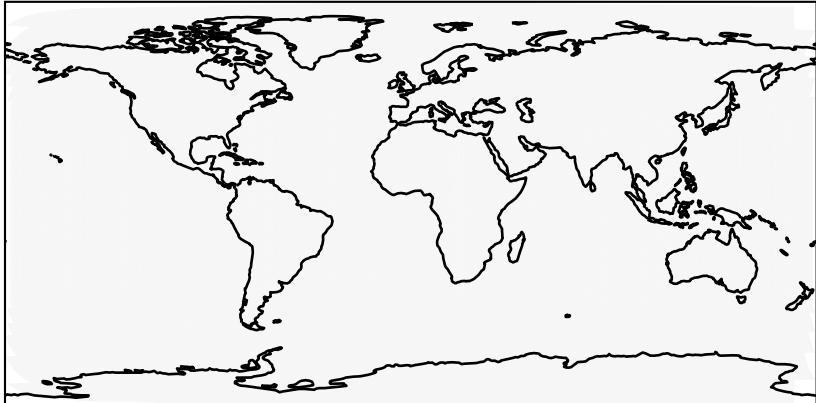
GCHP_13.0.0-beta.0 (Ref)
c48



GCHP_13.0.0-offlineEmis (Dev)
c48

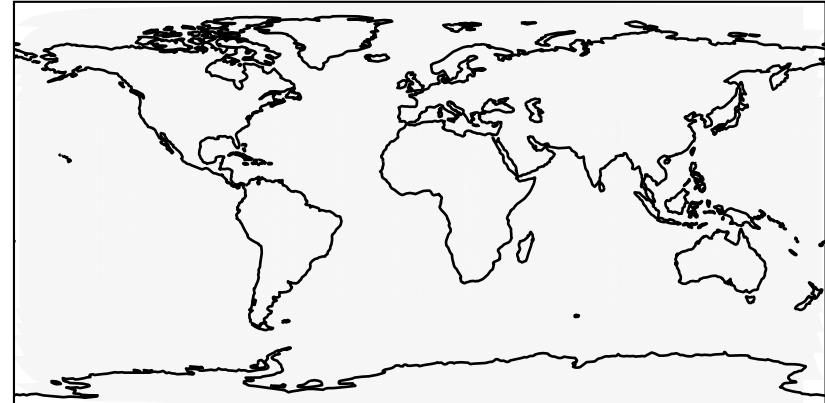


Difference
Dev - Ref, Dynamic Range



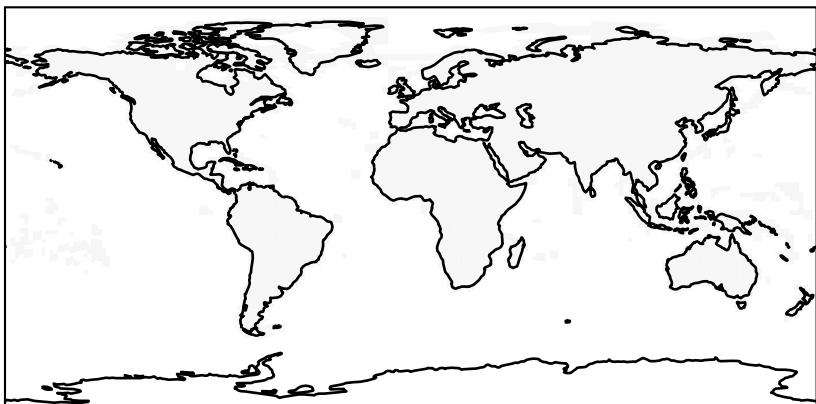
Zero throughout domain
kg/m²/s

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



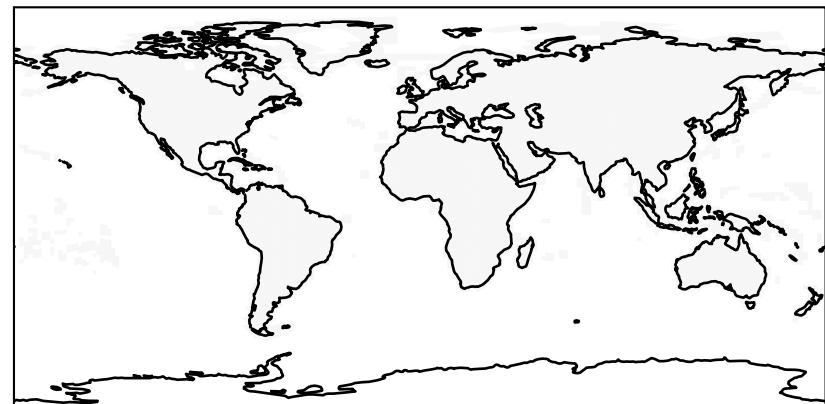
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



0.90 0.96 1.02 1.08
unitless

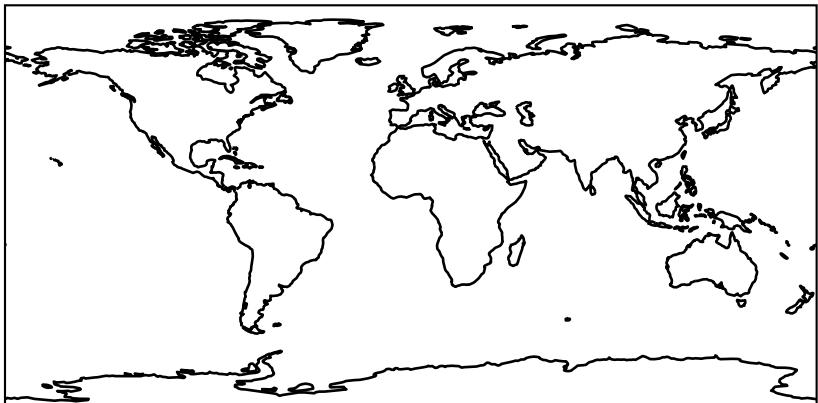
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

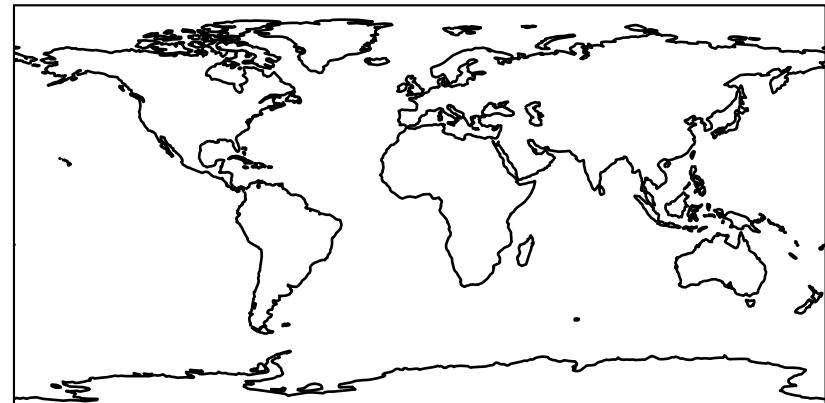
EmisHNO2_Anthro

GCHP_13.0.0-beta.0 (Ref)
c48



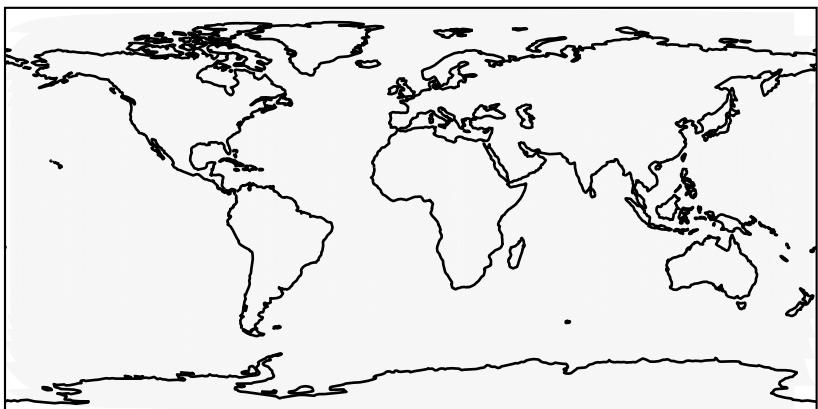
Zero throughout domain
kg/m²/s

GCHP_13.0.0-offlineEmis (Dev)
c48



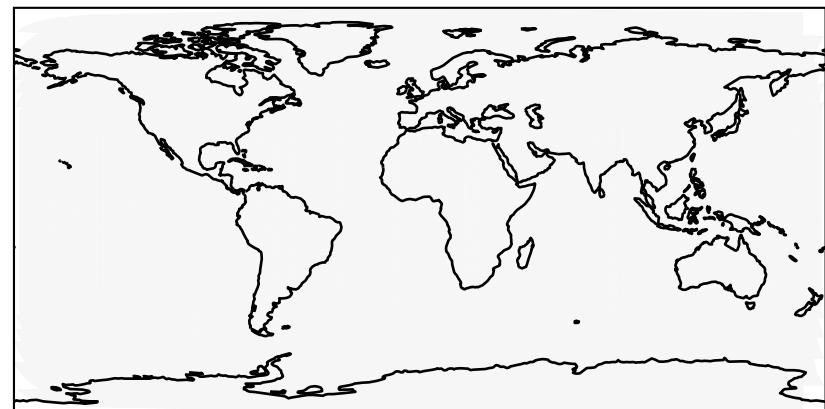
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



Zero throughout domain
kg/m²/s

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



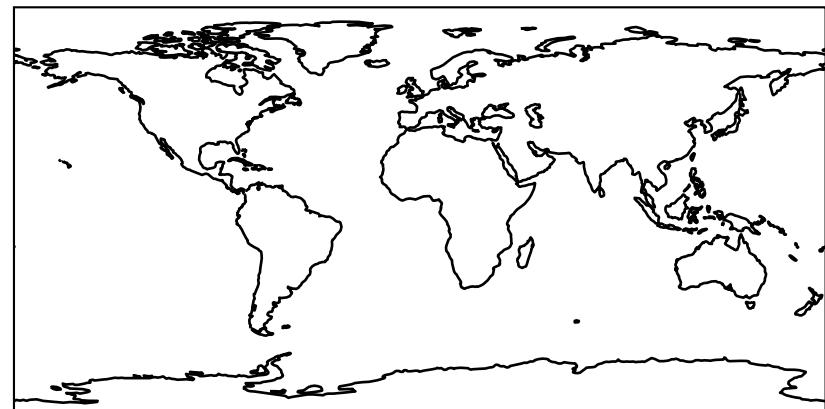
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

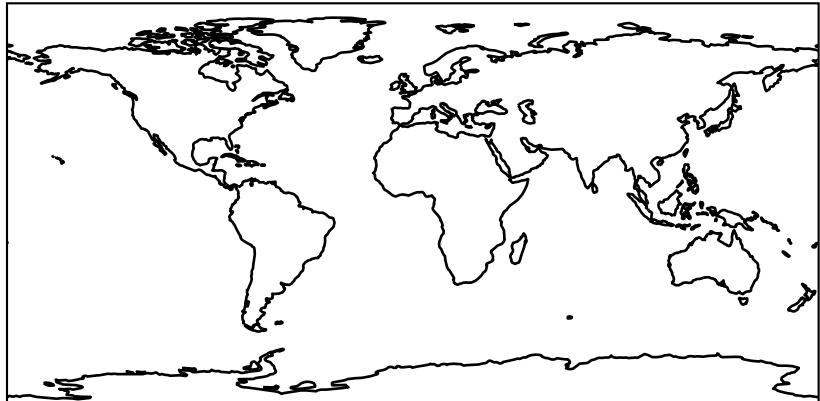
Ratio
Dev/Ref, Fixed Range



Undefined throughout domain
unitless

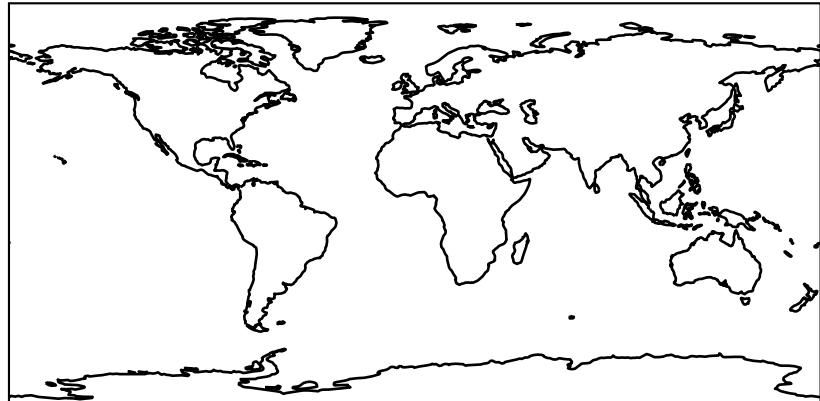
EmisISOP_Anthro

GCHP_13.0.0-beta.0 (Ref)
c48



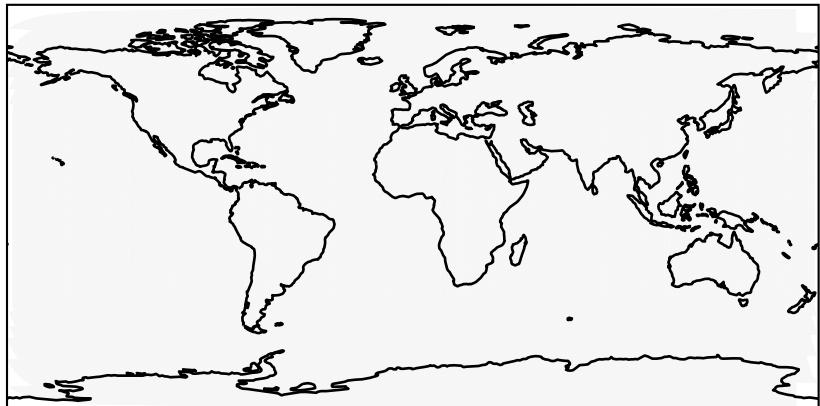
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kg/m²/s

GCHP_13.0.0-offlineEmis (Dev)
c48



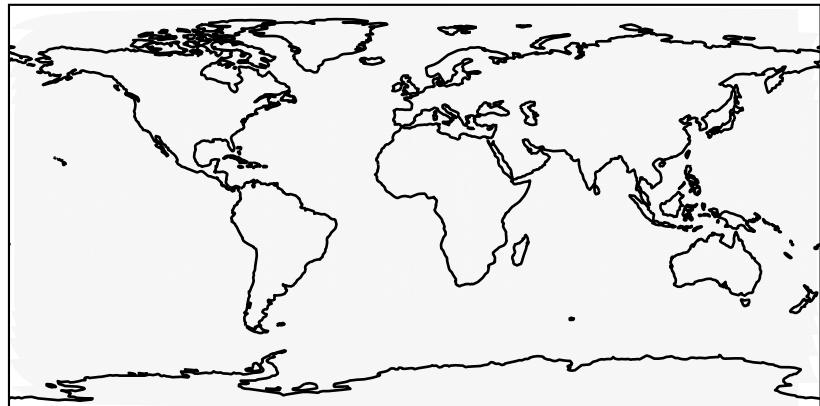
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kg/m²/s

Difference
Dev - Ref, Dynamic Range



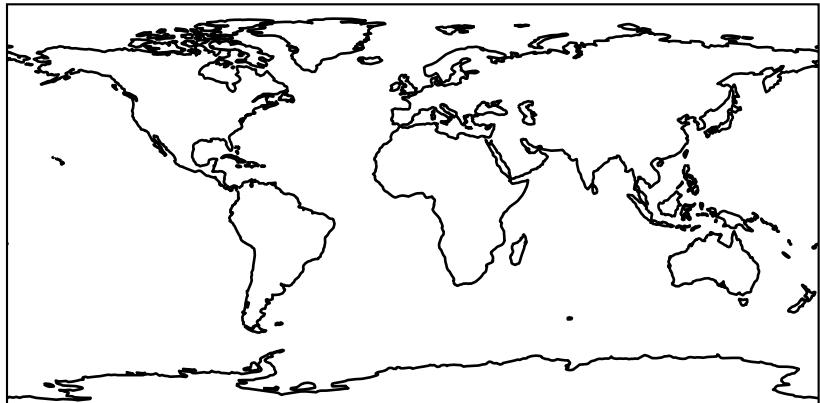
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kg/m²/s

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



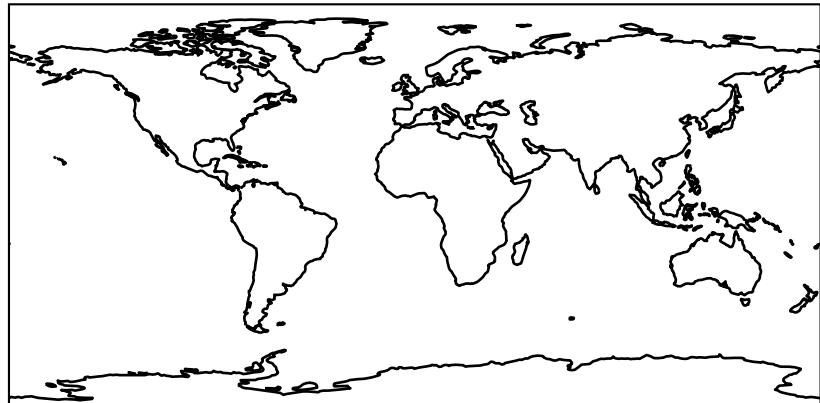
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kg/m²/s

Ratio
Dev/Ref, Dynamic Range



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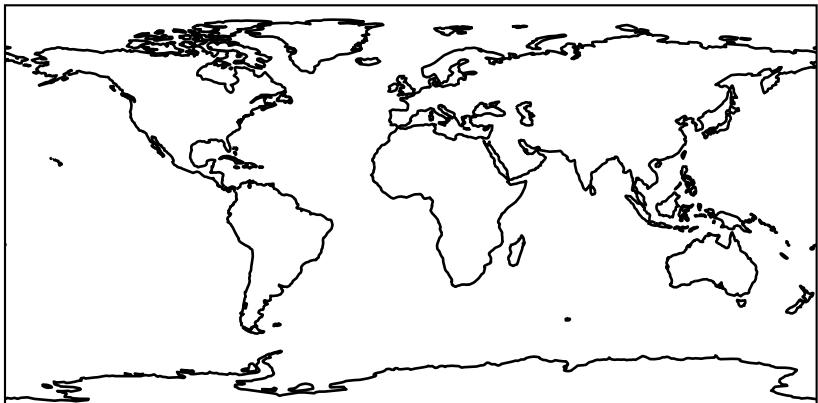
Ratio
Dev/Ref, Fixed Range



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unitless

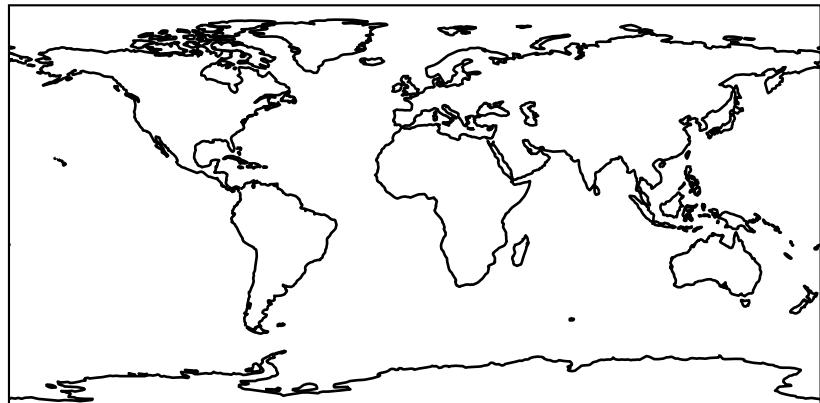
EmisMACR_Anthro

GCHP_13.0.0-beta.0 (Ref)
c48



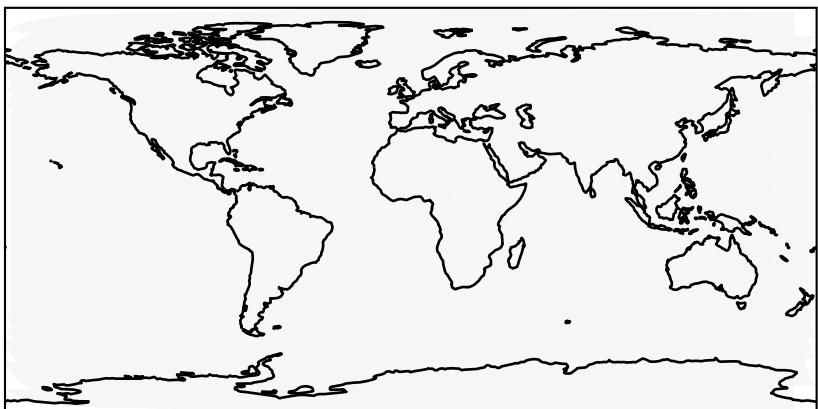
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kg/m²/s

GCHP_13.0.0-offlineEmis (Dev)
c48



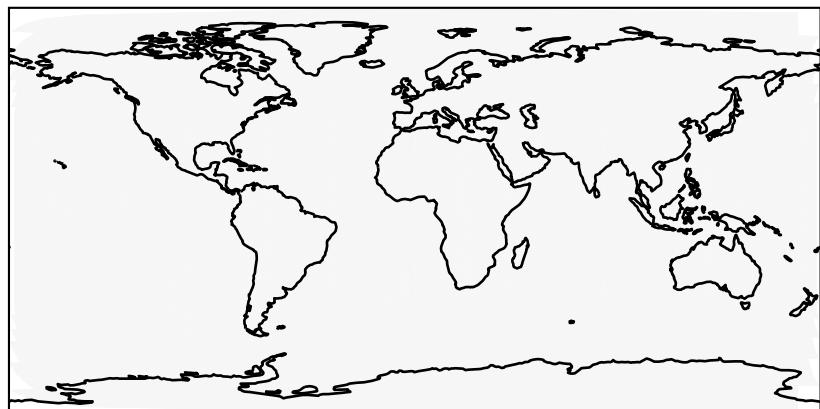
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kg/m²/s

Difference
Dev - Ref, Dynamic Range



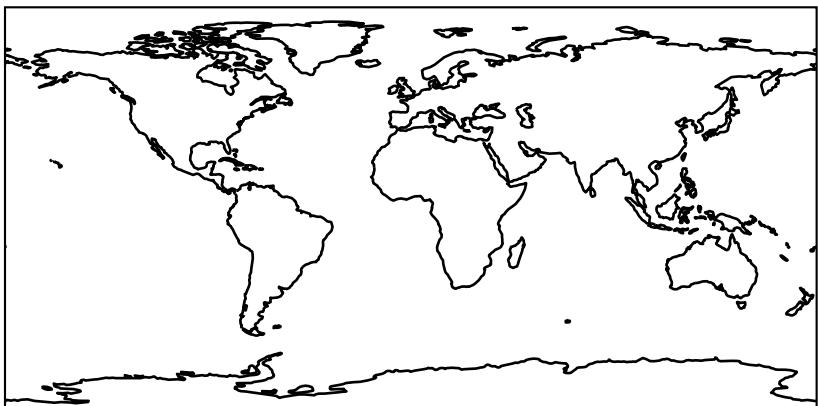
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kg/m²/s

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



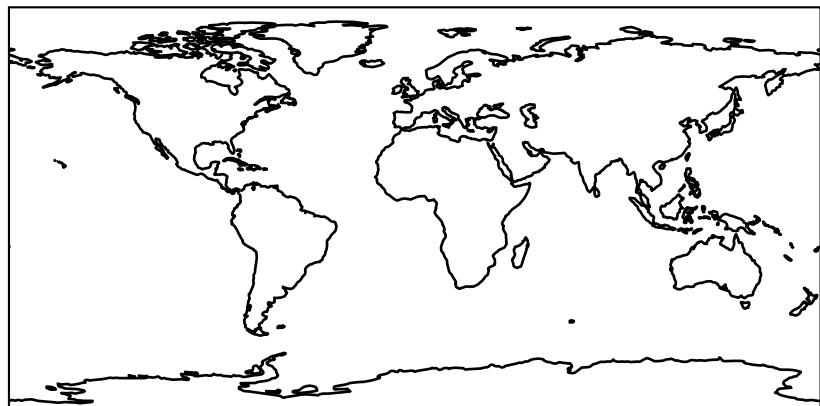
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kg/m²/s

Ratio
Dev/Ref, Dynamic Range



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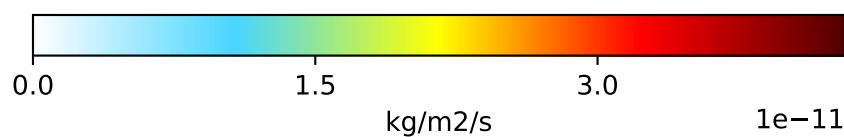
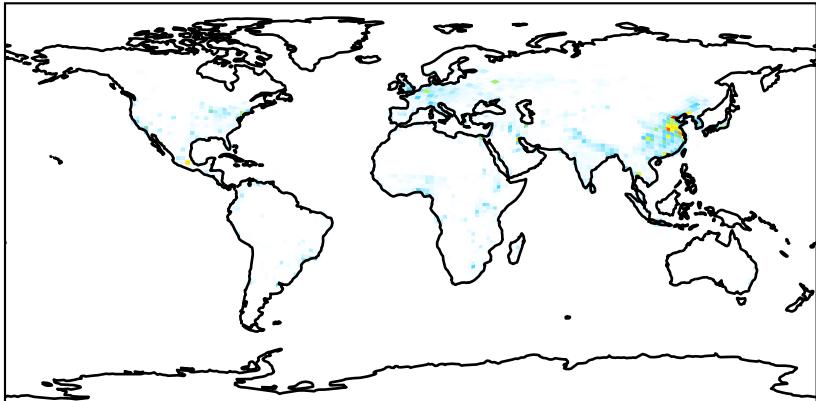
Ratio
Dev/Ref, Fixed Range



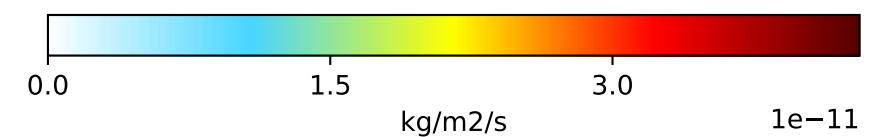
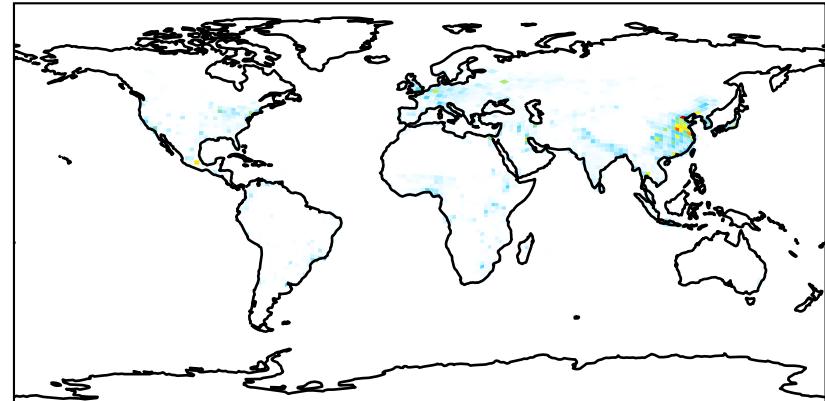
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EmisMEK_Anthro

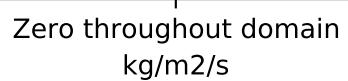
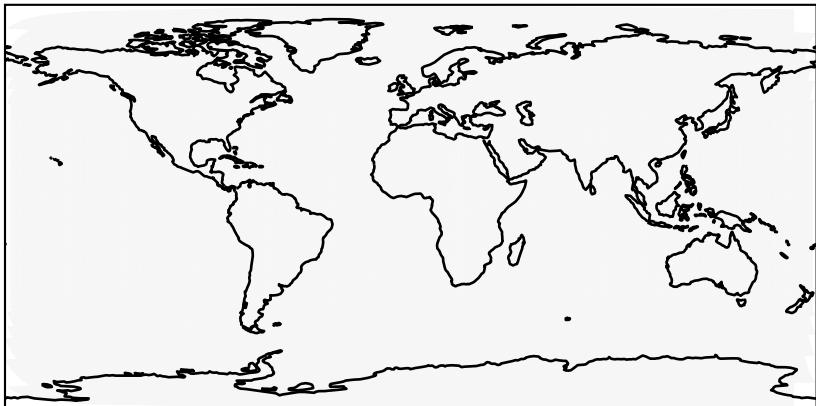
GCHP_13.0.0-beta.0 (Ref)
c48



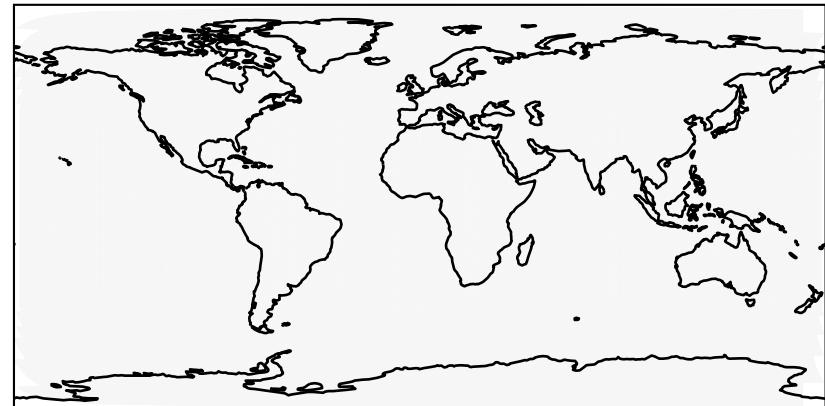
GCHP_13.0.0-offlineEmis (Dev)
c48



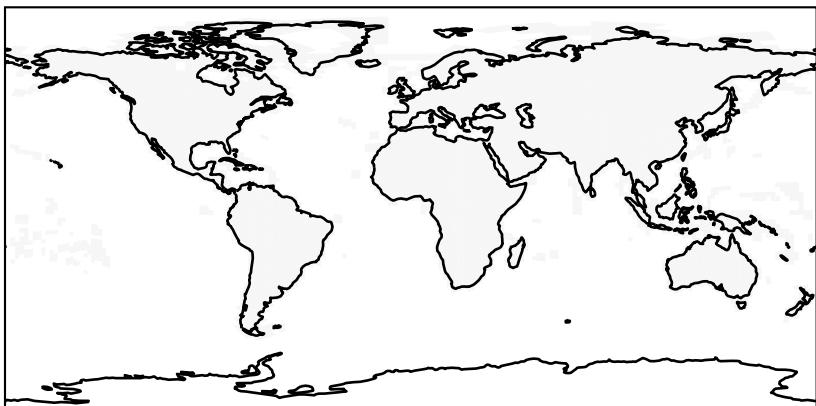
Difference
Dev - Ref, Dynamic Range



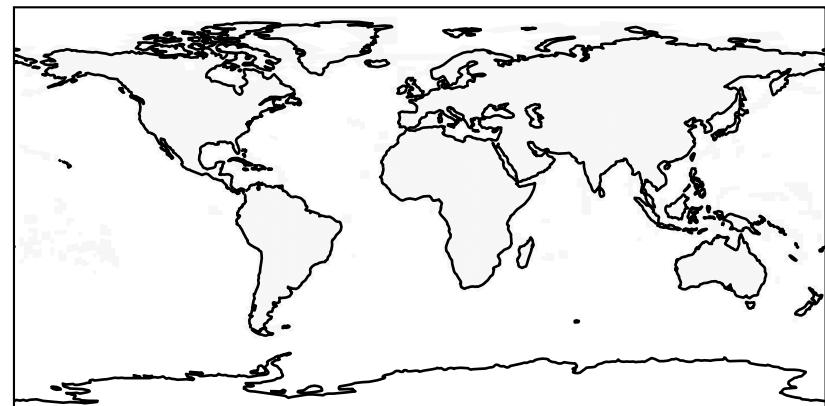
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

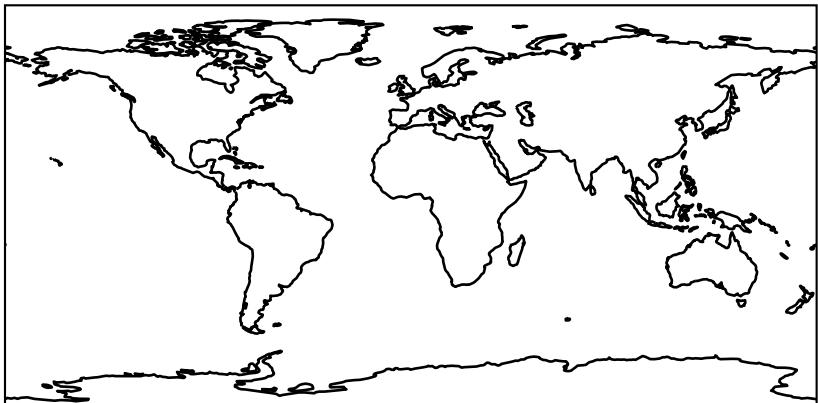


Ratio
Dev/Ref, Fixed Range

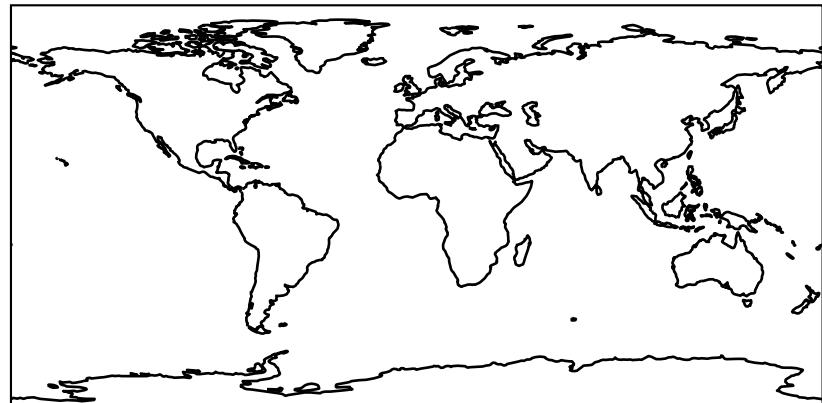


EmisMGLY_Anthro

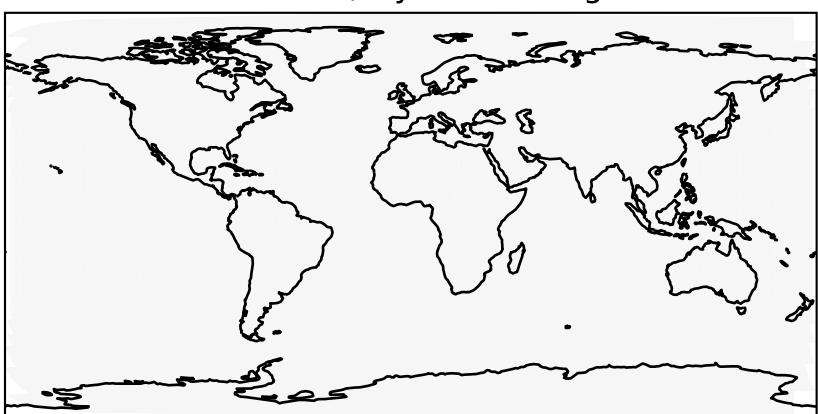
GCHP_13.0.0-beta.0 (Ref)
c48



GCHP_13.0.0-offlineEmis (Dev)
c48

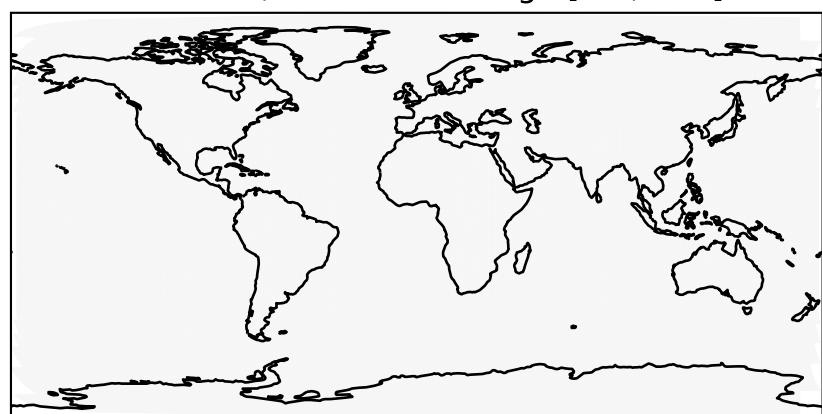


Difference
Dev - Ref, Dynamic Range



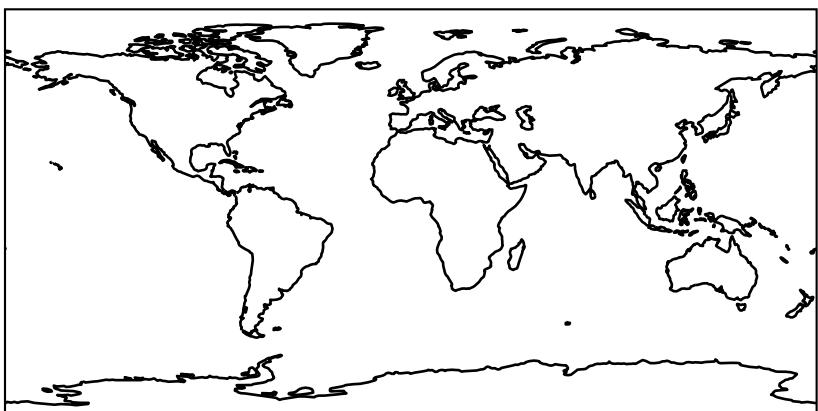
Zero throughout domain
kg/m2/s

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



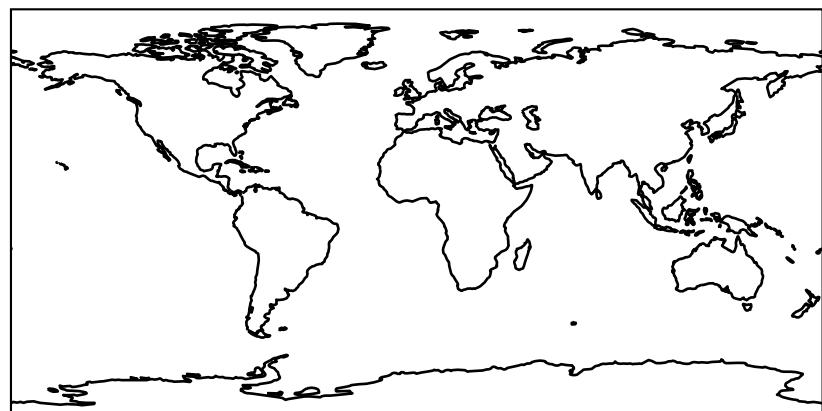
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
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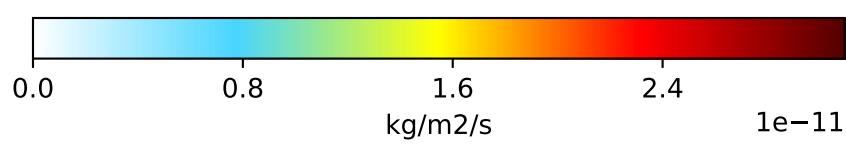
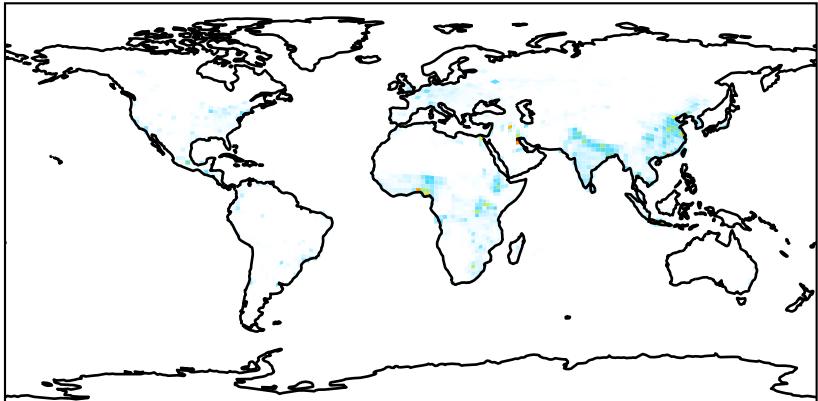
Ratio
Dev/Ref, Fixed Range



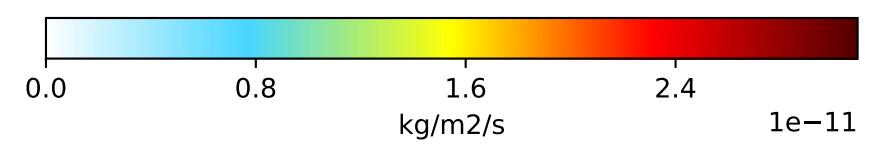
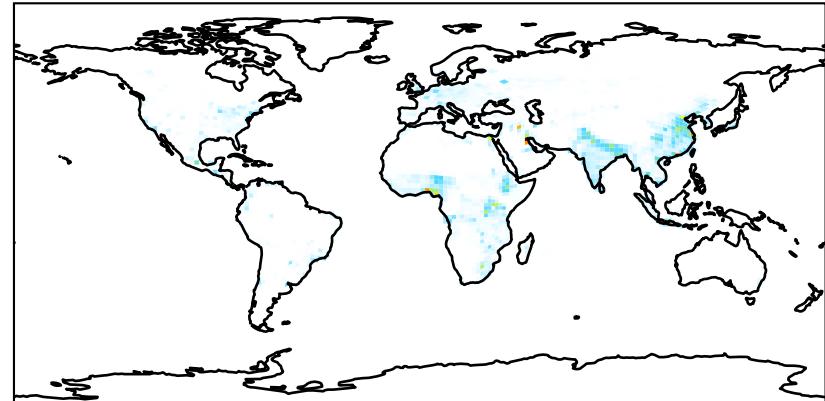
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EmisMOH_Anthro

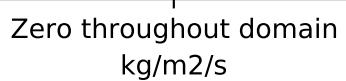
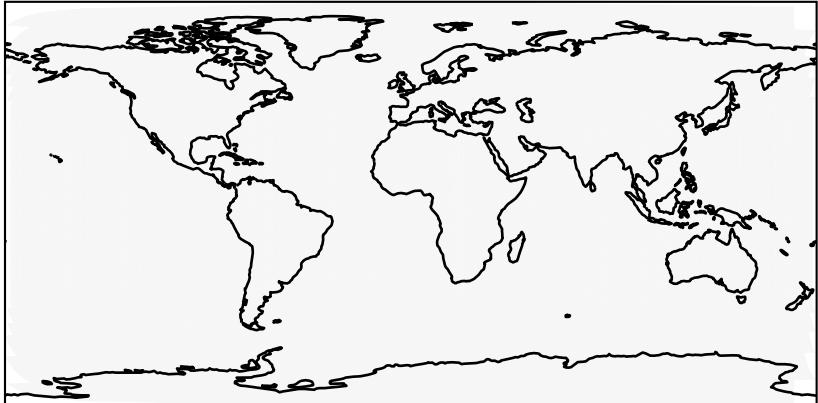
GCHP_13.0.0-beta.0 (Ref)
c48



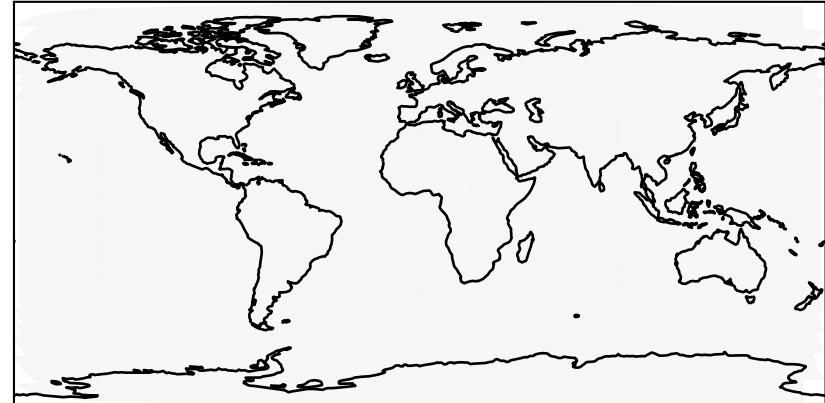
GCHP_13.0.0-offlineEmis (Dev)
c48



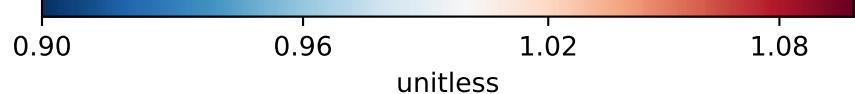
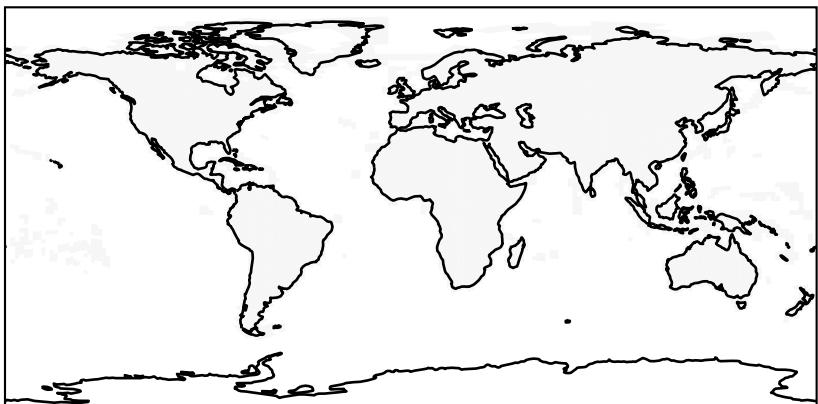
Difference
Dev - Ref, Dynamic Range



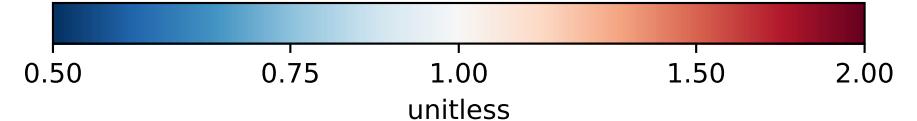
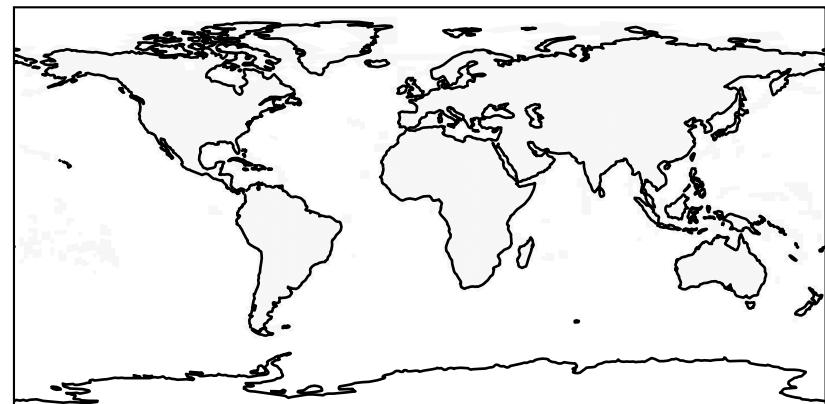
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

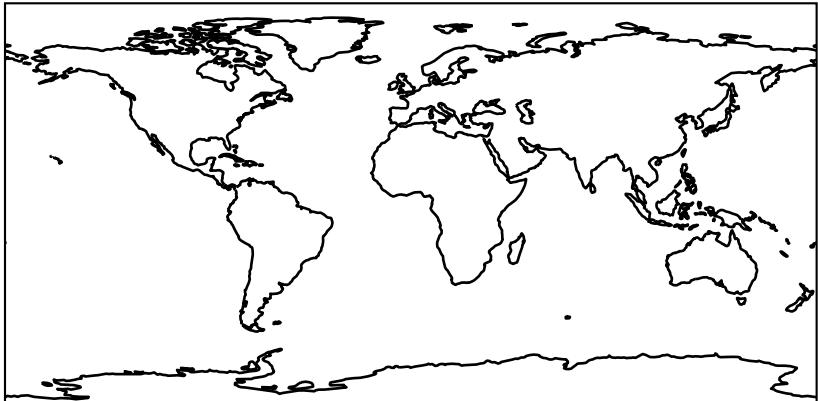


Ratio
Dev/Ref, Fixed Range



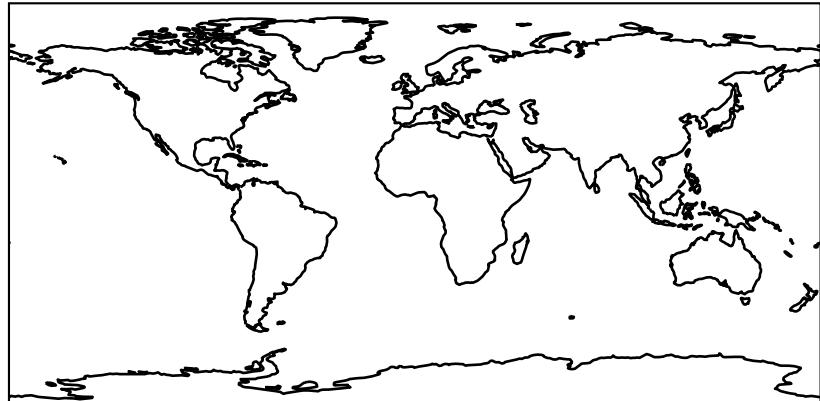
EmisMVK_Anthro

GCHP_13.0.0-beta.0 (Ref)
c48



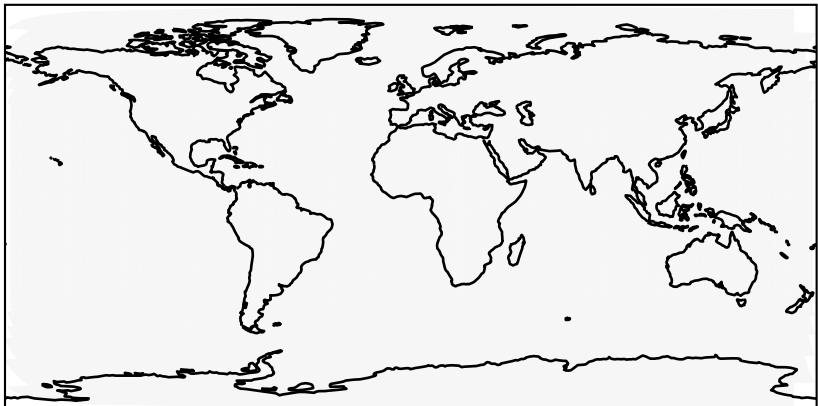
Zero throughout domain
kg/m²/s

GCHP_13.0.0-offlineEmis (Dev)
c48



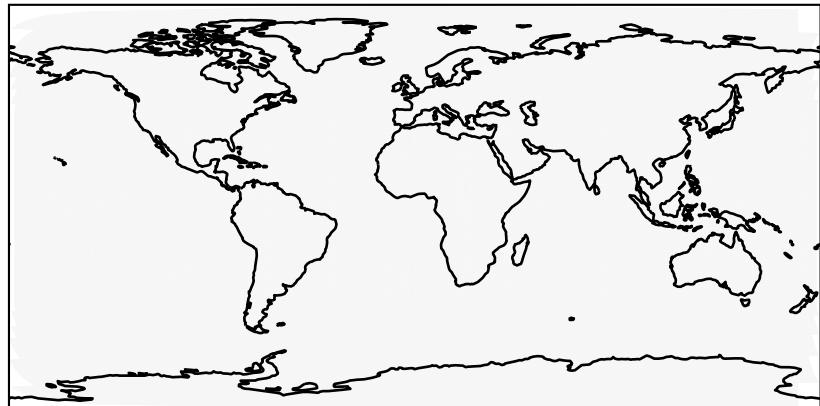
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



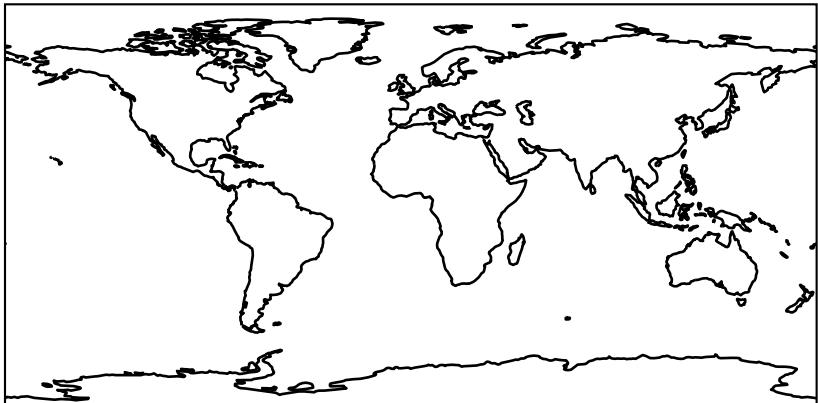
Zero throughout domain
kg/m²/s

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



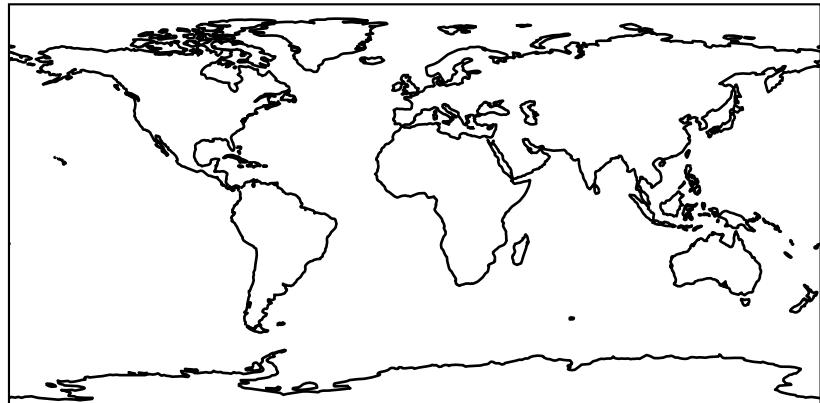
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



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unitless

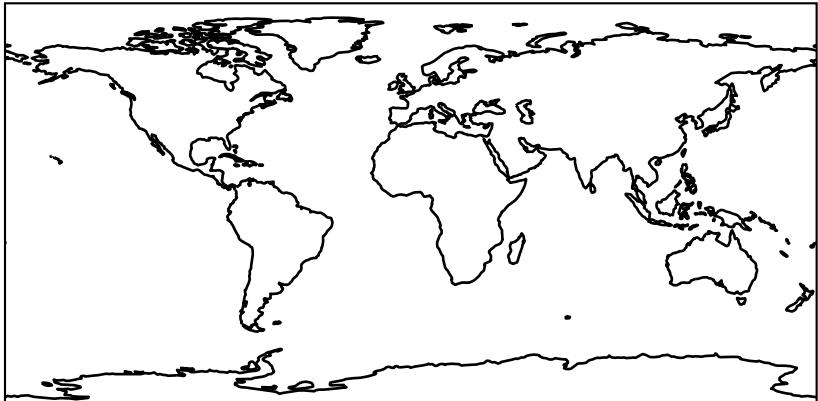
Ratio
Dev/Ref, Fixed Range



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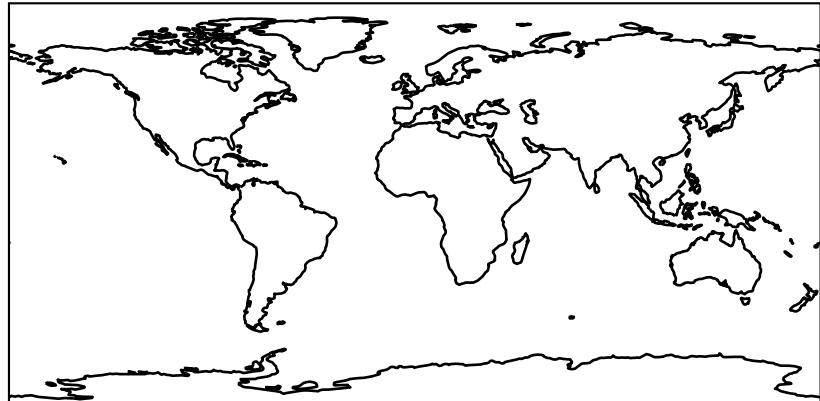
EmisNAP_Anthro

GCHP_13.0.0-beta.0 (Ref)
c48



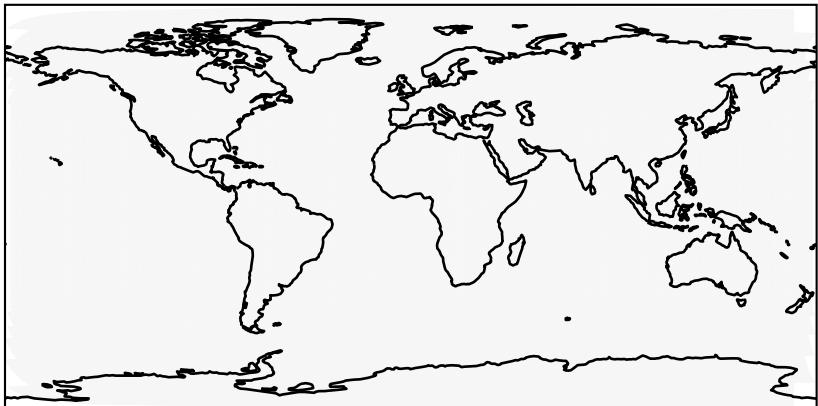
Zero throughout domain
kg/m²/s

GCHP_13.0.0-offlineEmis (Dev)
c48



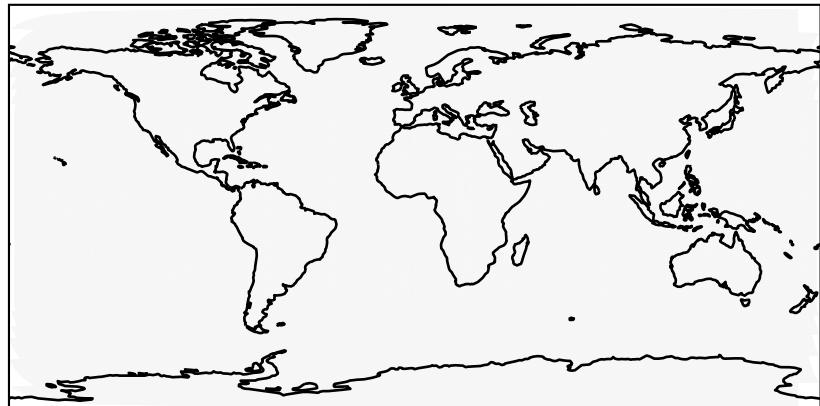
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



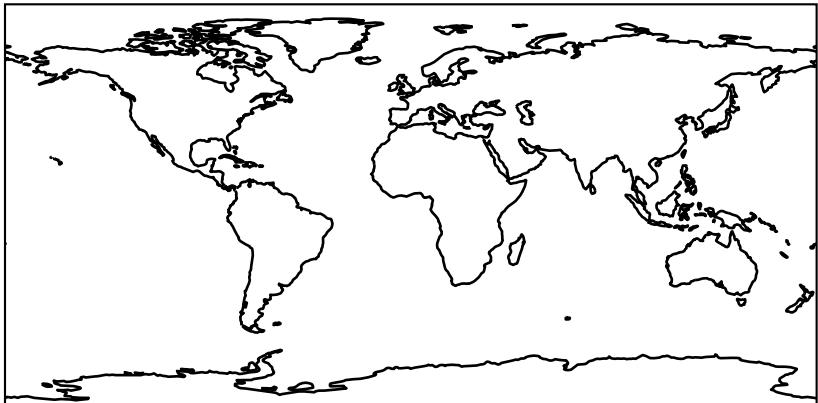
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kg/m²/s

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



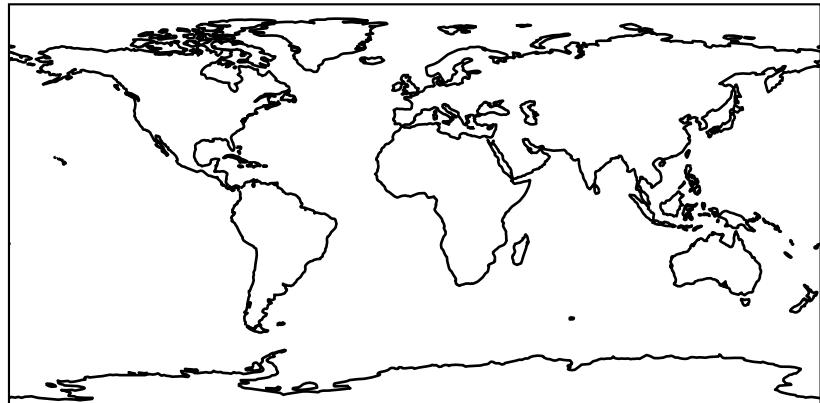
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



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unitless

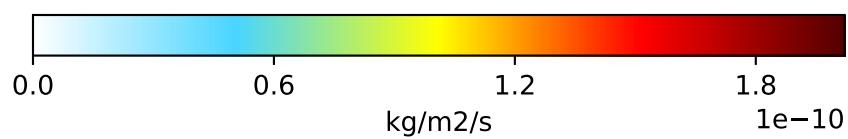
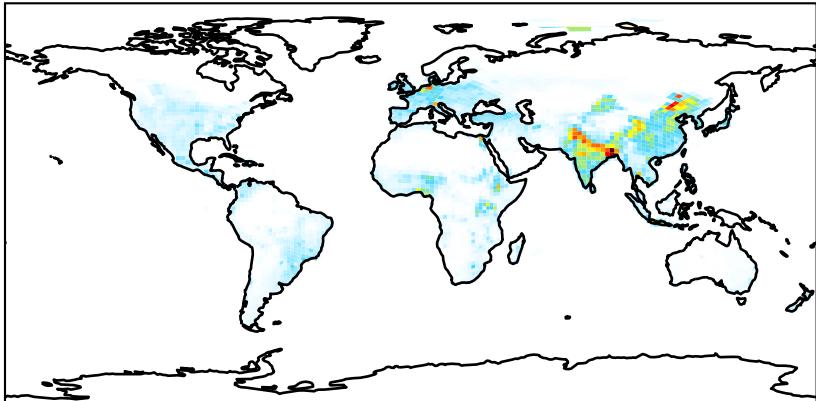
Ratio
Dev/Ref, Fixed Range



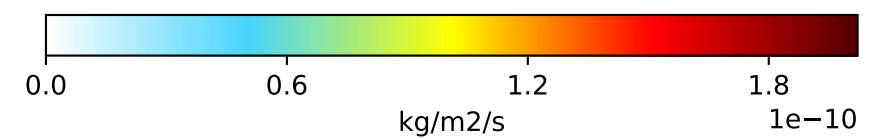
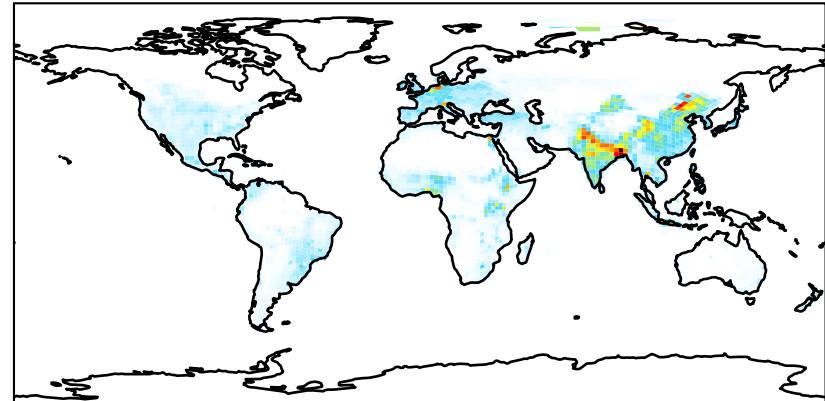
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EmisNH3_Anthro

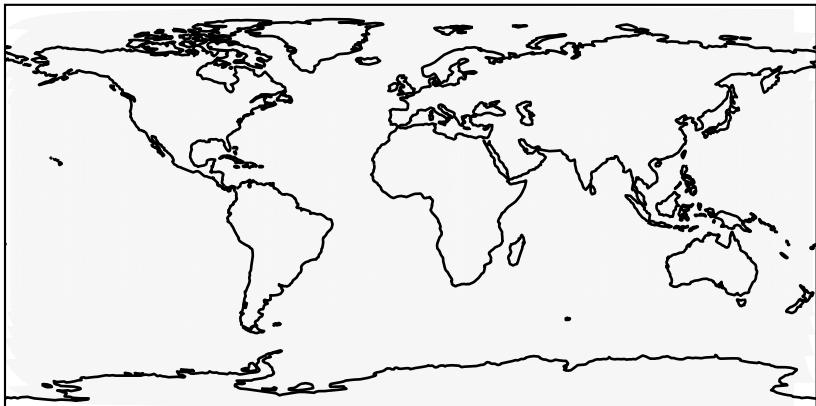
GCHP_13.0.0-beta.0 (Ref)
c48



GCHP_13.0.0-offlineEmis (Dev)
c48

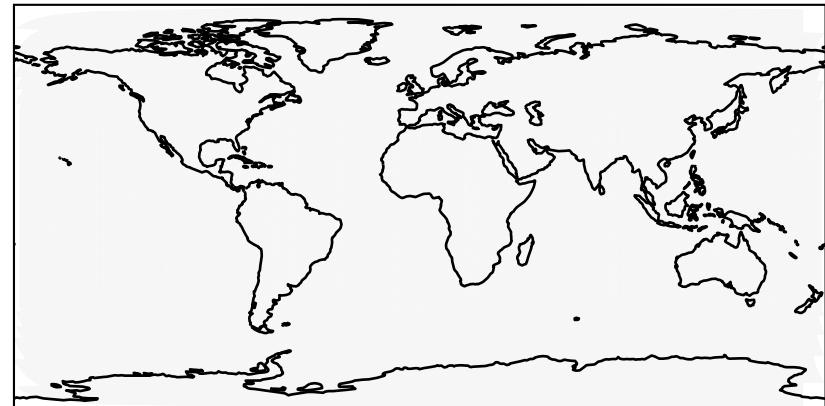


Difference
Dev - Ref, Dynamic Range



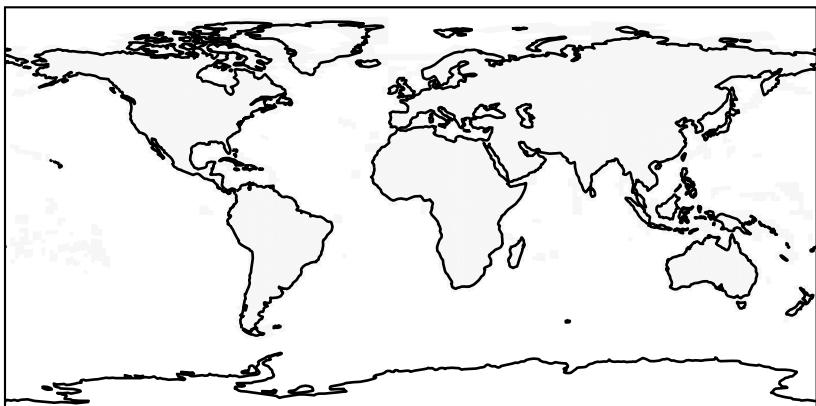
Zero throughout domain
kg/m²/s

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



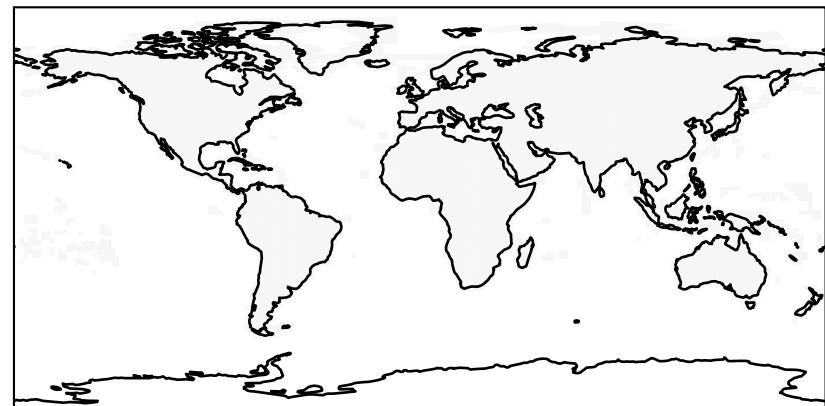
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



0.90 0.96 1.02 1.08
unitless

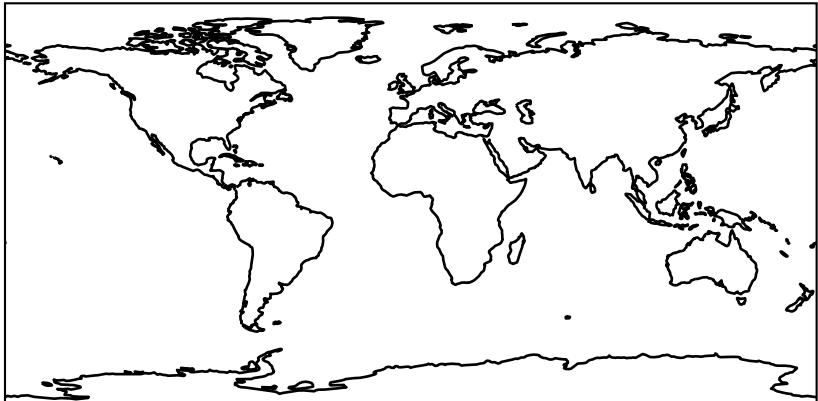
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

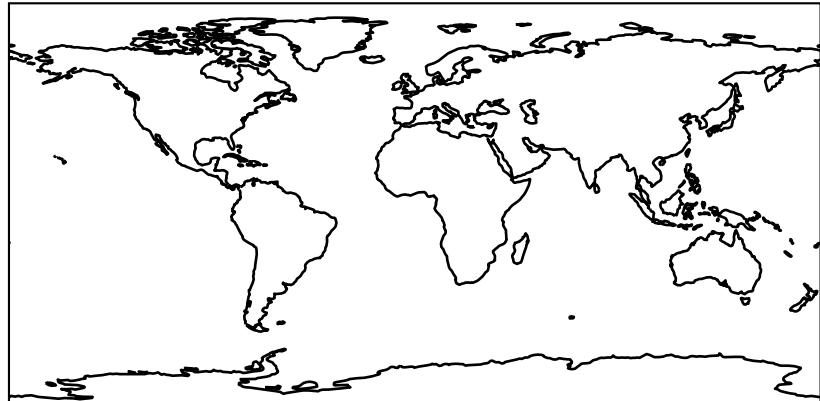
EmisNO2_Anthro

GCHP_13.0.0-beta.0 (Ref)
c48



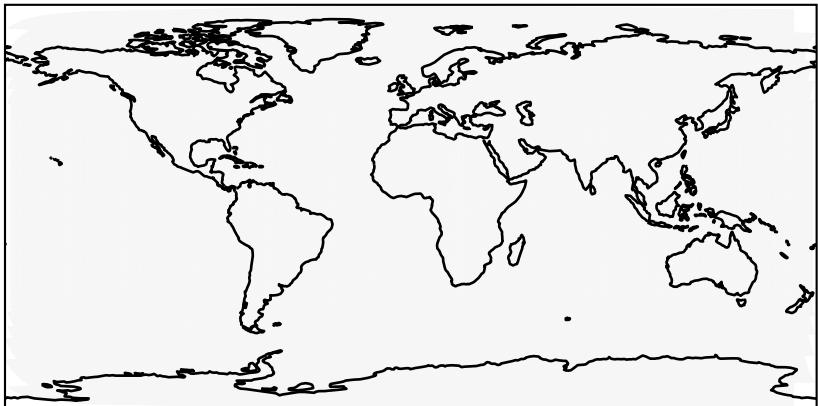
Zero throughout domain
kg/m²/s

GCHP_13.0.0-offlineEmis (Dev)
c48



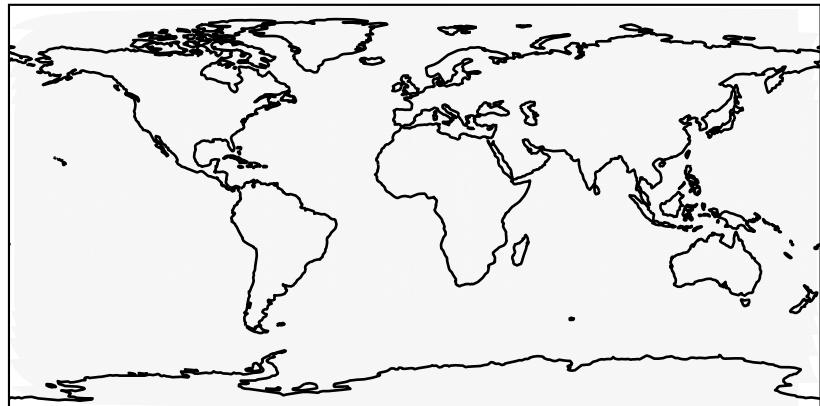
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



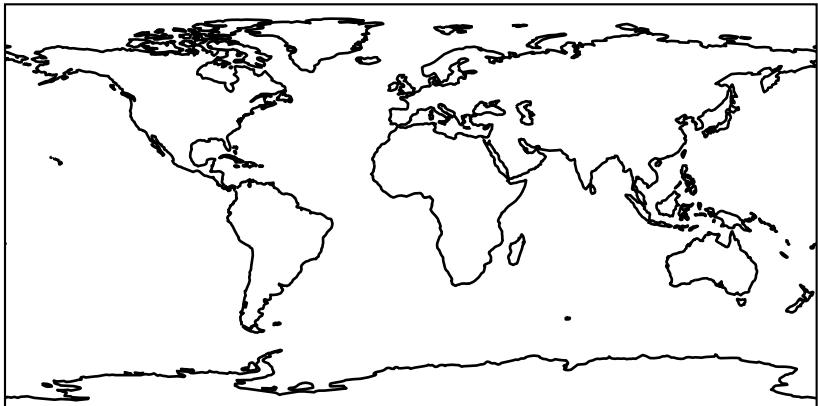
Zero throughout domain
kg/m²/s

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



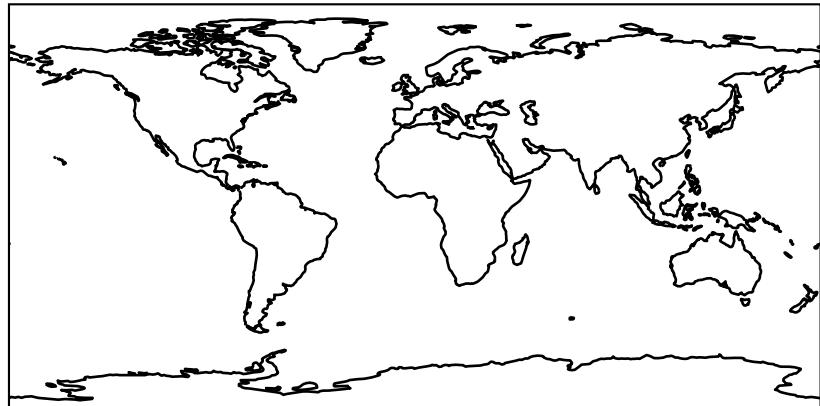
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kg/m²/s

Ratio
Dev/Ref, Dynamic Range



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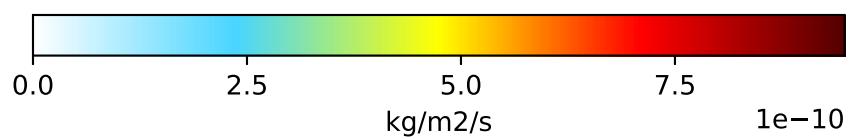
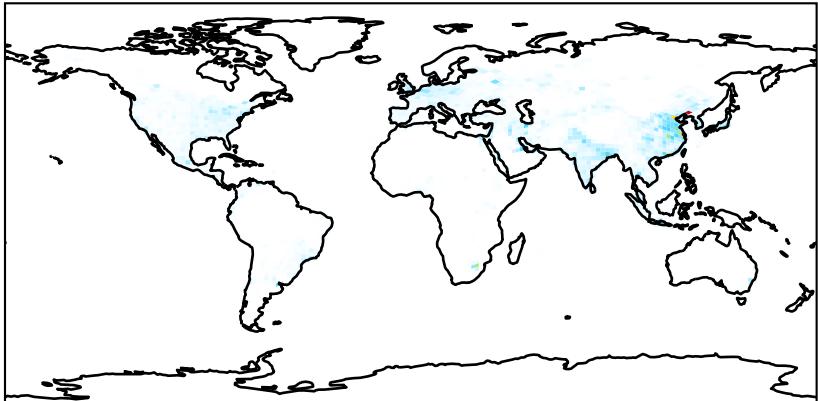
Ratio
Dev/Ref, Fixed Range



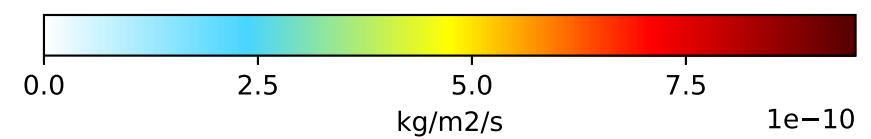
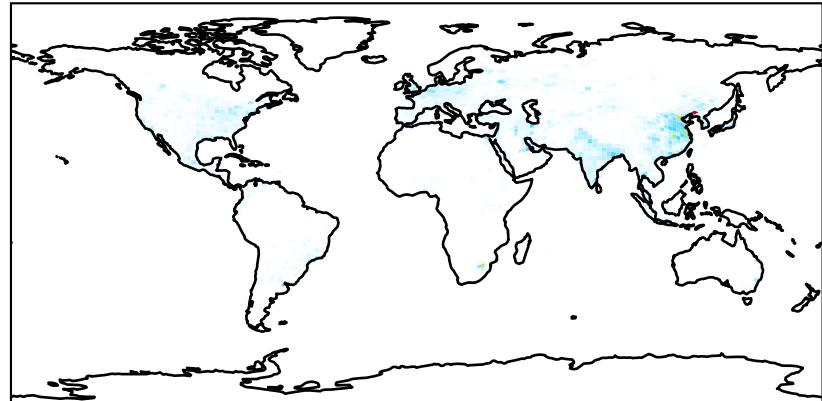
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EmisNO_Anthro

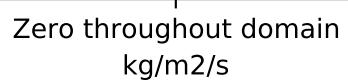
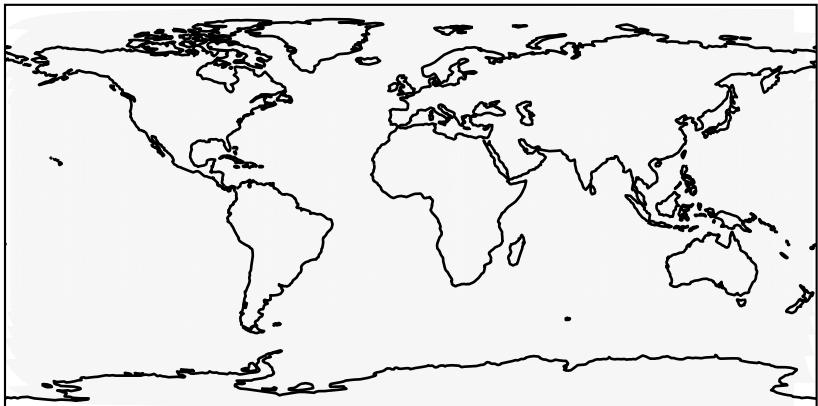
GCHP_13.0.0-beta.0 (Ref)
c48



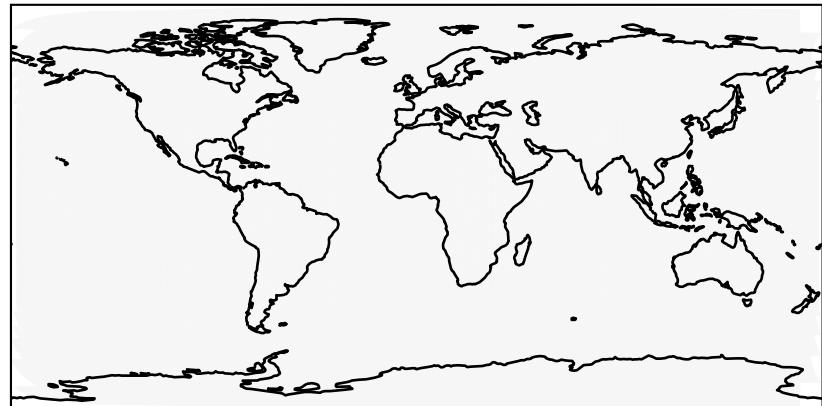
GCHP_13.0.0-offlineEmis (Dev)
c48



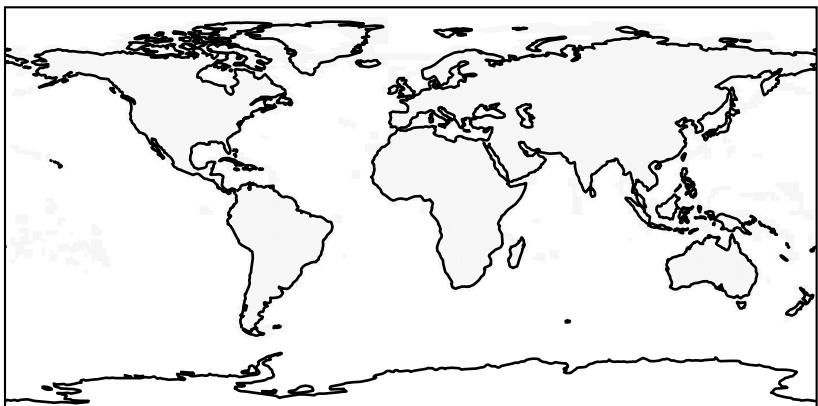
Difference
Dev - Ref, Dynamic Range



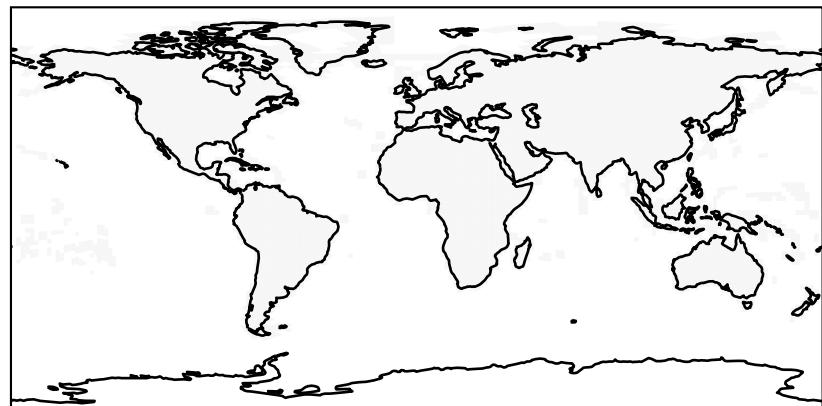
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

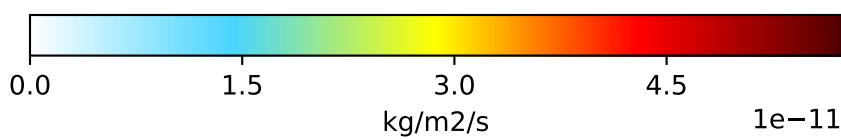
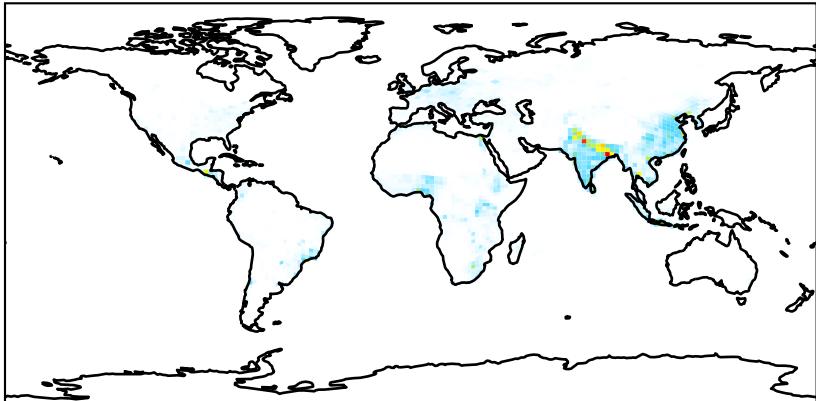


Ratio
Dev/Ref, Fixed Range

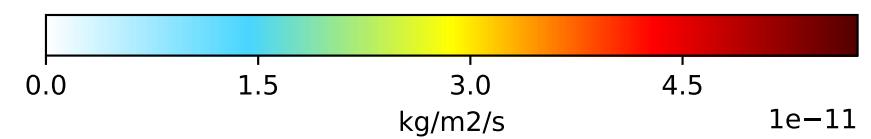
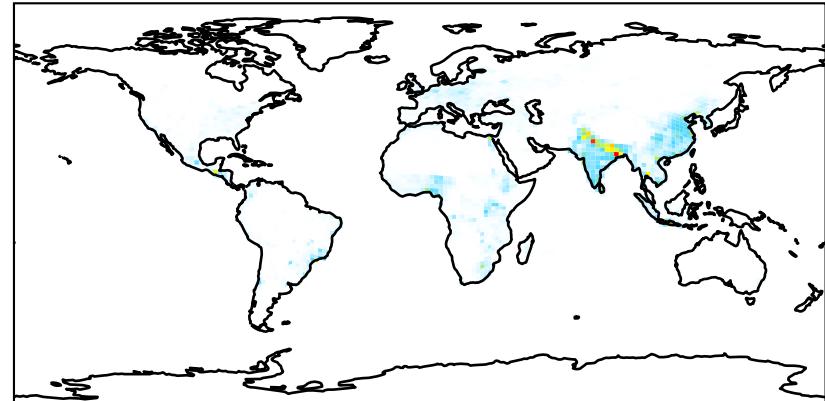


EmisOCPI_Anthro

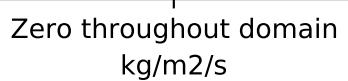
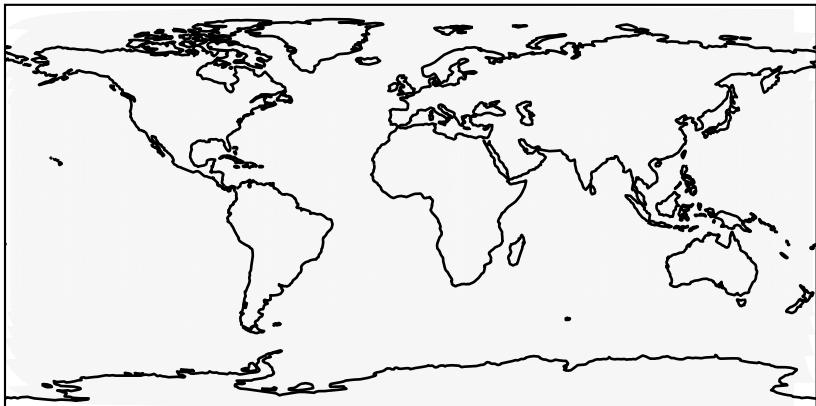
GCHP_13.0.0-beta.0 (Ref)
c48



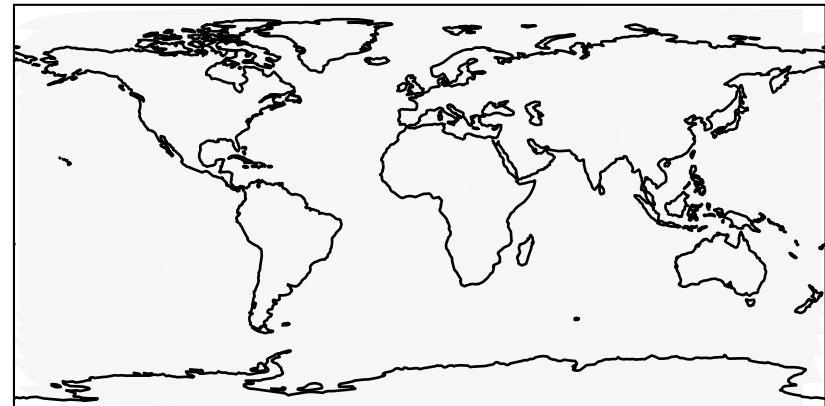
GCHP_13.0.0-offlineEmis (Dev)
c48



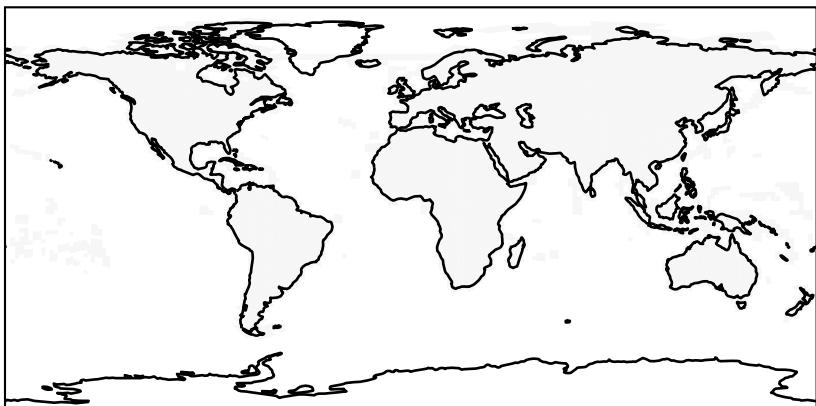
Difference
Dev - Ref, Dynamic Range



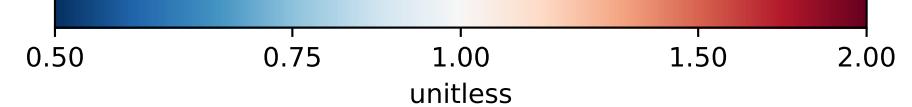
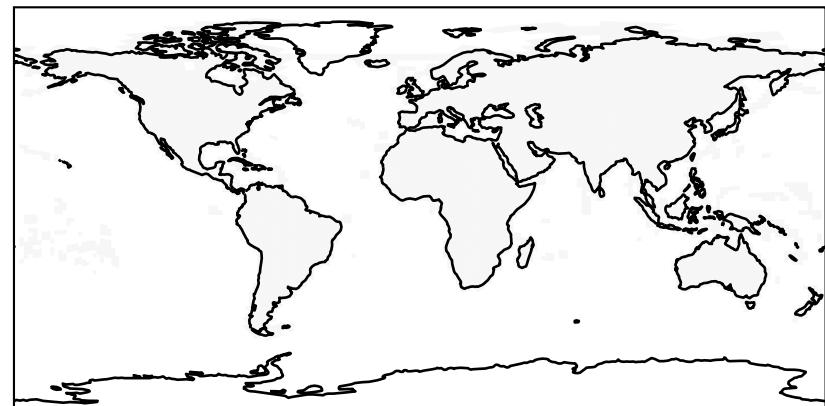
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

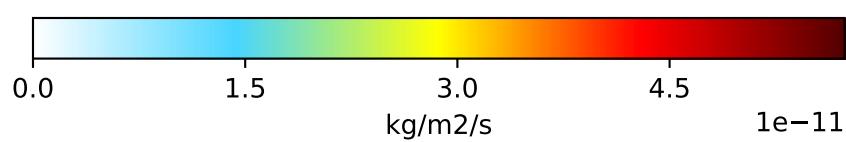
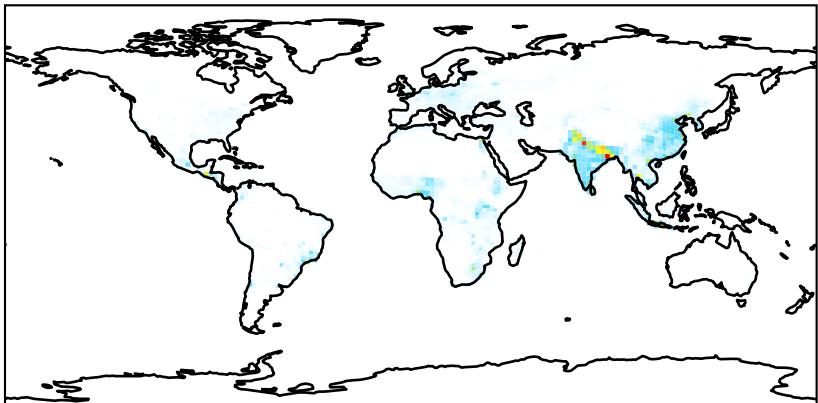


Ratio
Dev/Ref, Fixed Range

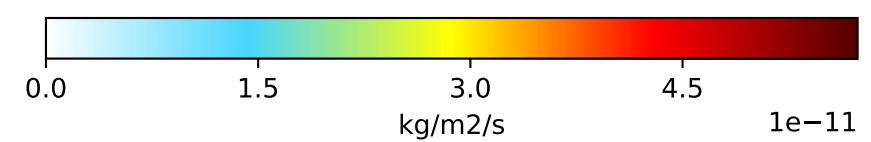
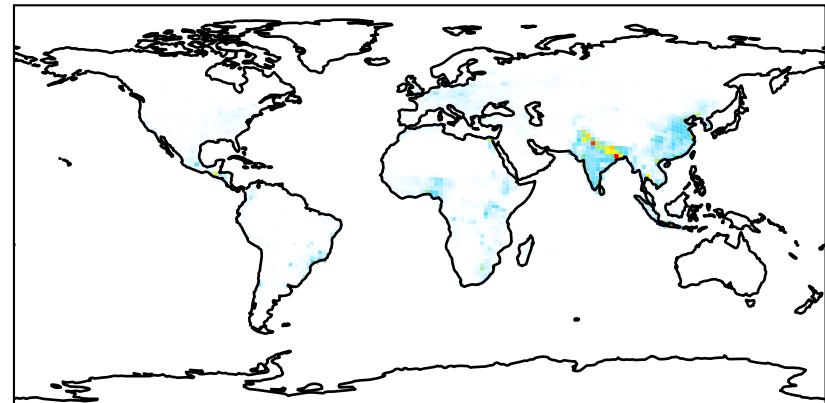


EmisOCPO_Anthro

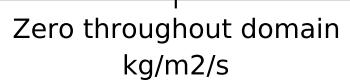
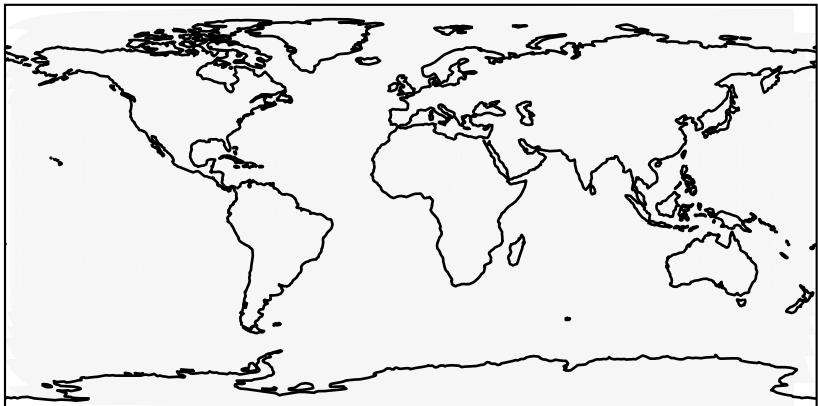
GCHP_13.0.0-beta.0 (Ref)
c48



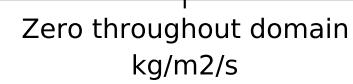
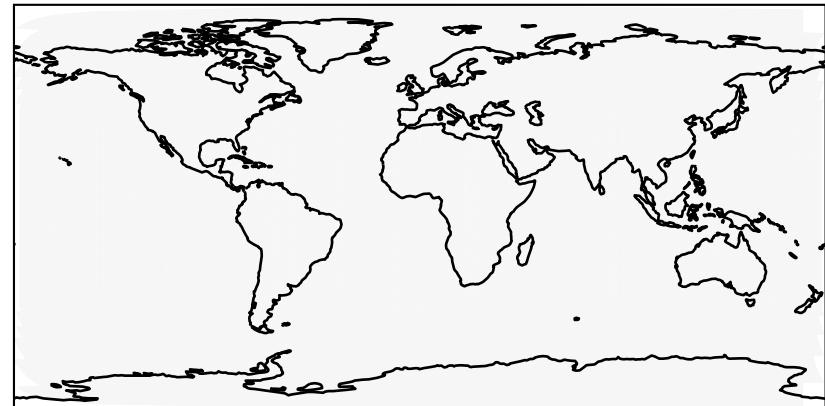
GCHP_13.0.0-offlineEmis (Dev)
c48



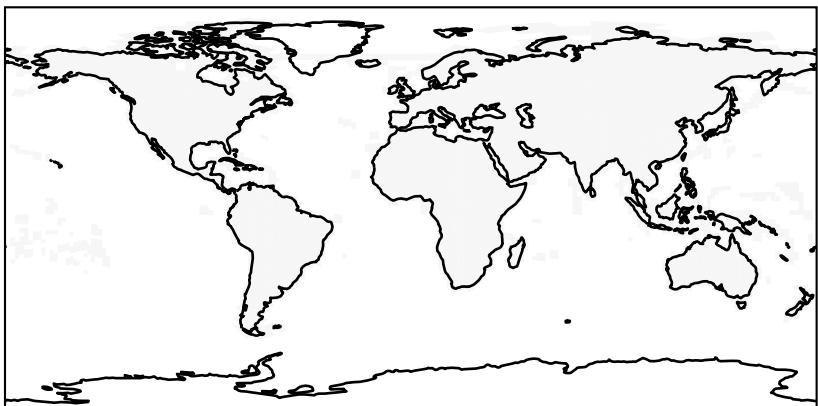
Difference
Dev - Ref, Dynamic Range



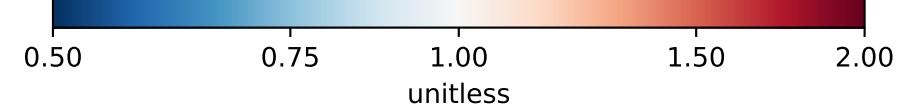
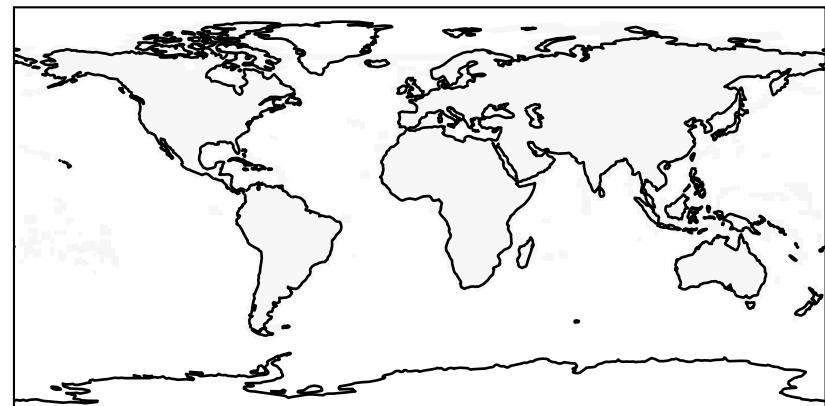
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

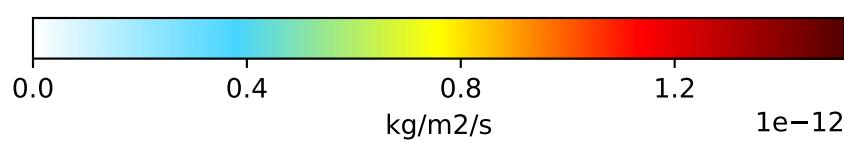
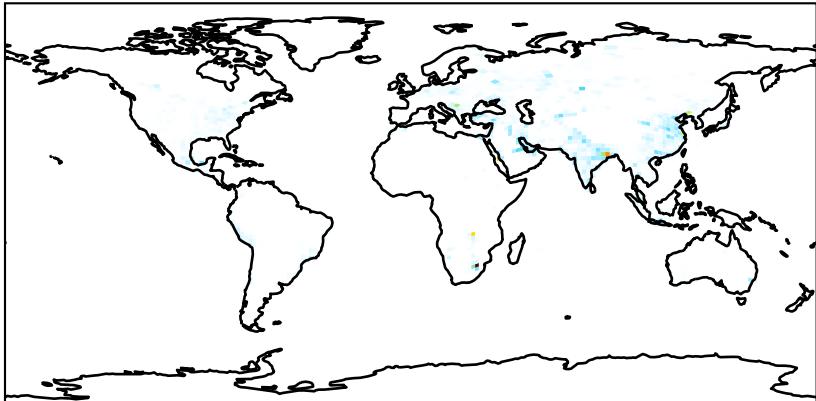


Ratio
Dev/Ref, Fixed Range

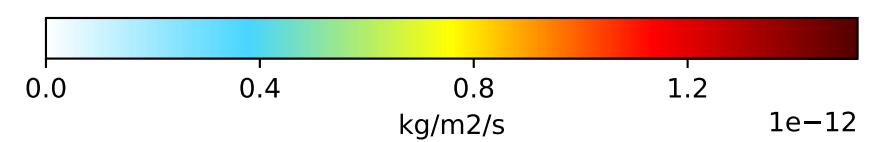
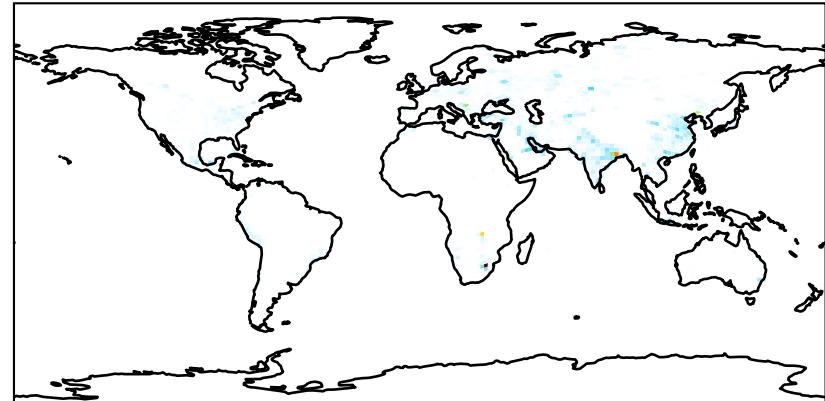


EmispFe_Anthro

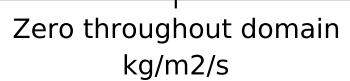
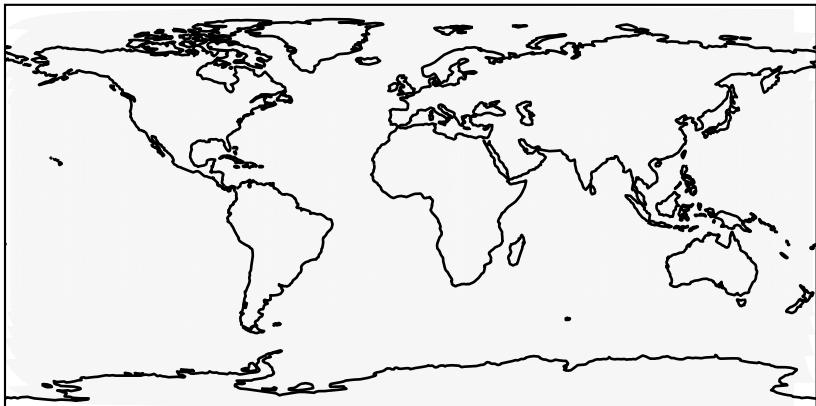
GCHP_13.0.0-beta.0 (Ref)
c48



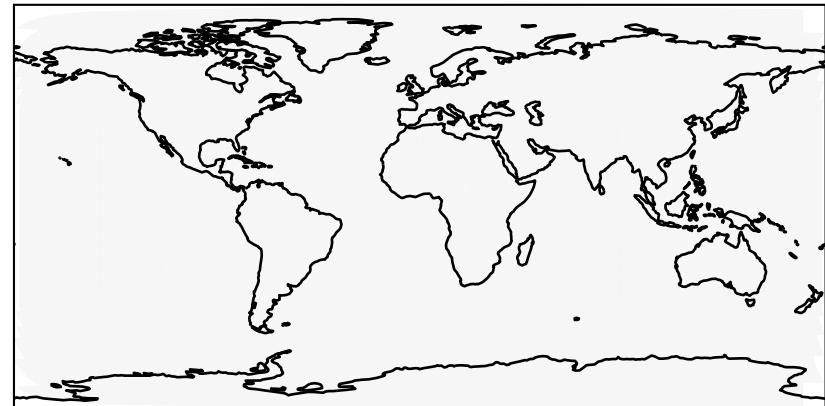
GCHP_13.0.0-offlineEmis (Dev)
c48



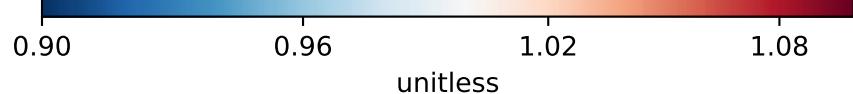
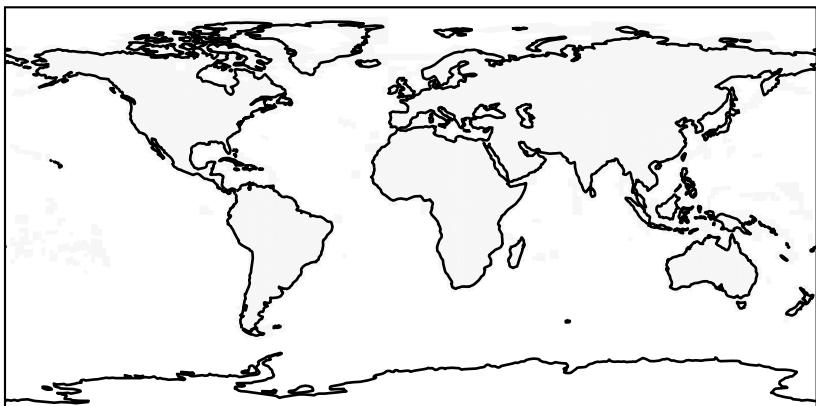
Difference
Dev - Ref, Dynamic Range



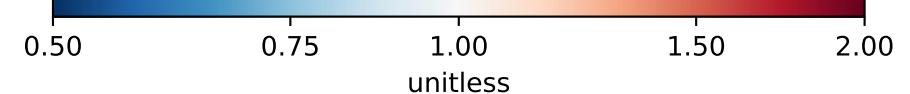
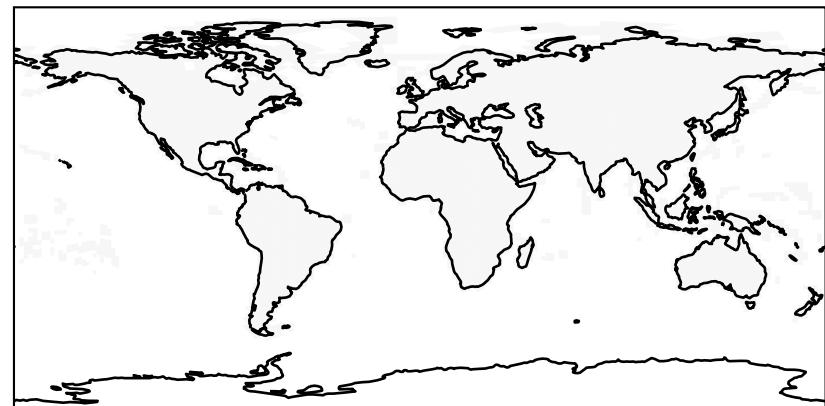
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

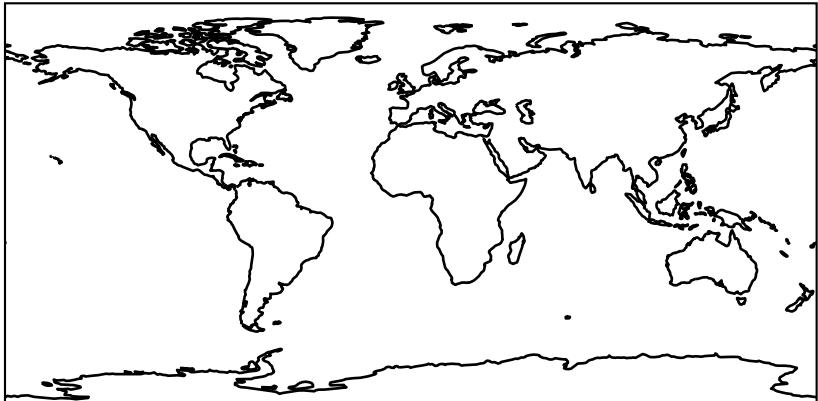


Ratio
Dev/Ref, Fixed Range



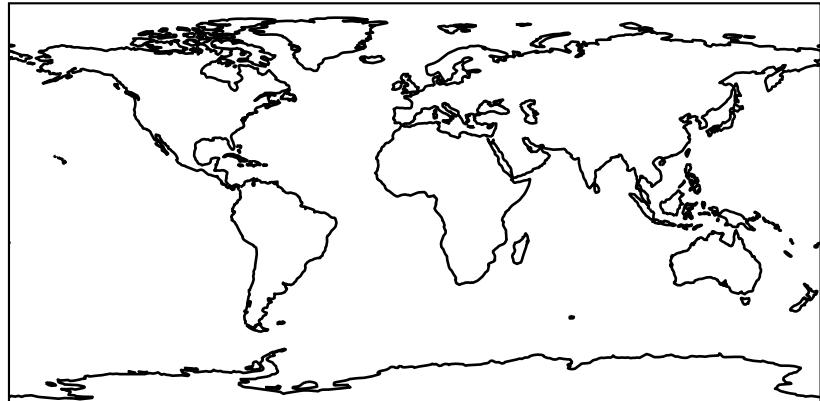
EmisPOG1_Anthro

GCHP_13.0.0-beta.0 (Ref)
c48



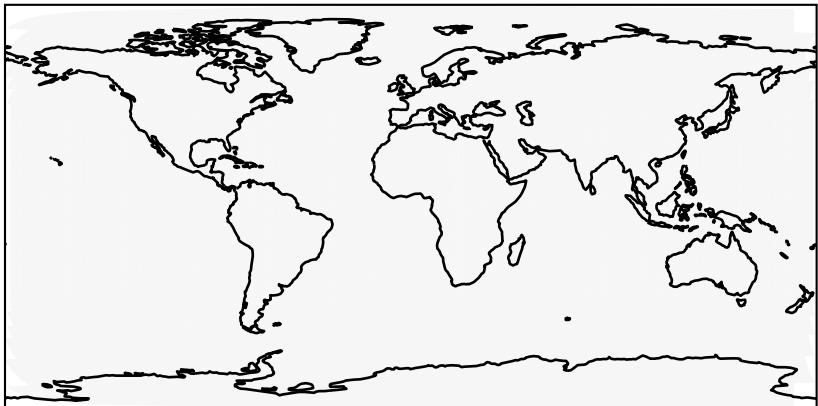
Zero throughout domain
kg/m²/s

GCHP_13.0.0-offlineEmis (Dev)
c48



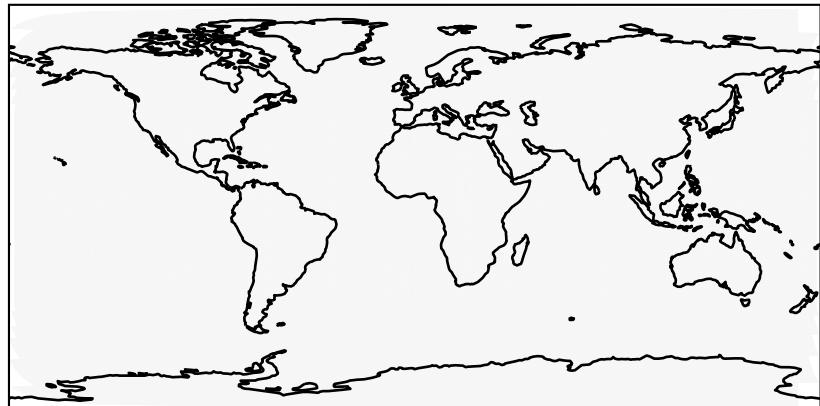
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



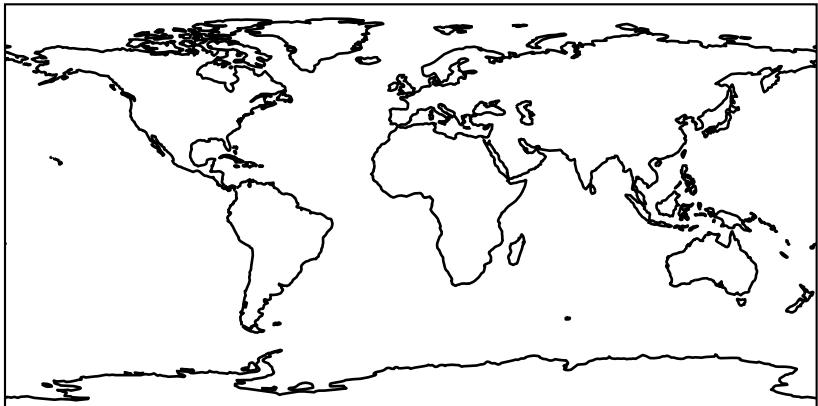
Zero throughout domain
kg/m²/s

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



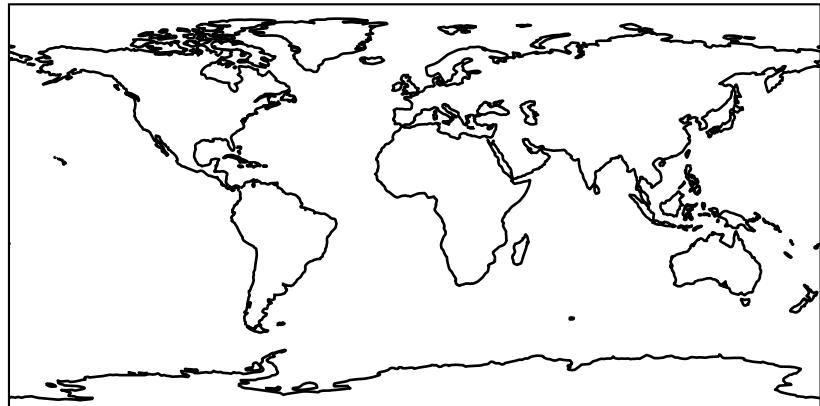
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

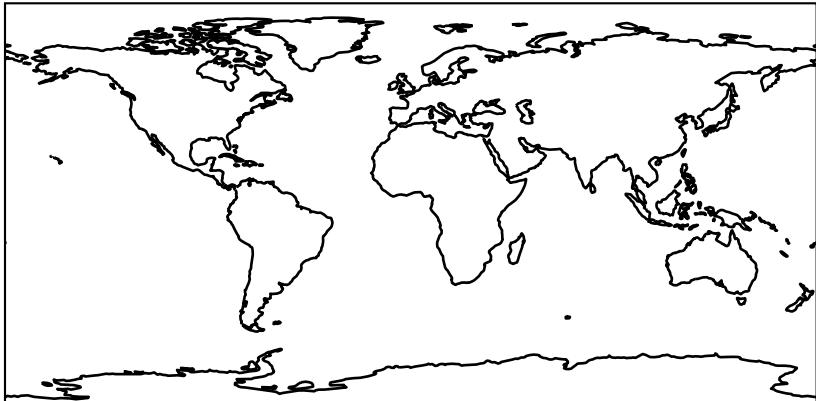
Ratio
Dev/Ref, Fixed Range



Undefined throughout domain
unitless

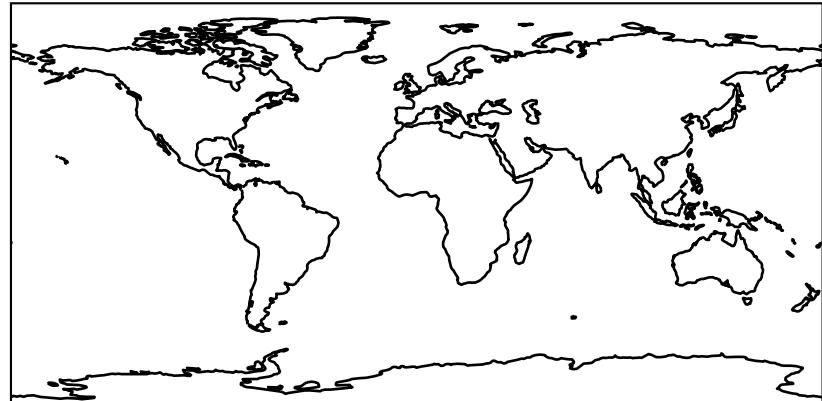
EmisPOG2_Anthro

GCHP_13.0.0-beta.0 (Ref)
c48



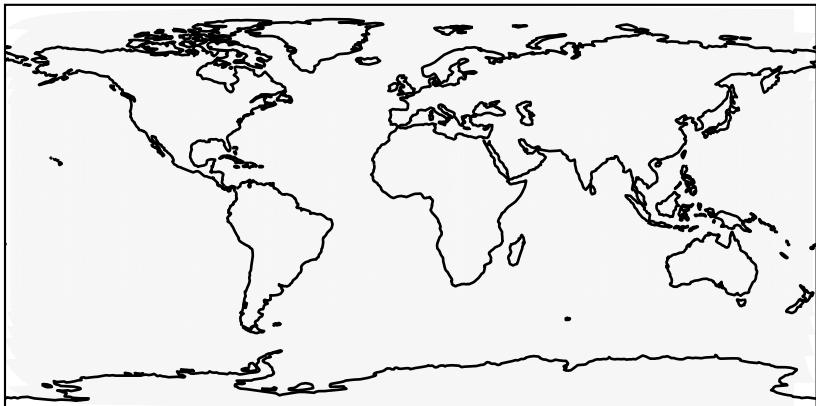
Zero throughout domain
kg/m²/s

GCHP_13.0.0-offlineEmis (Dev)
c48



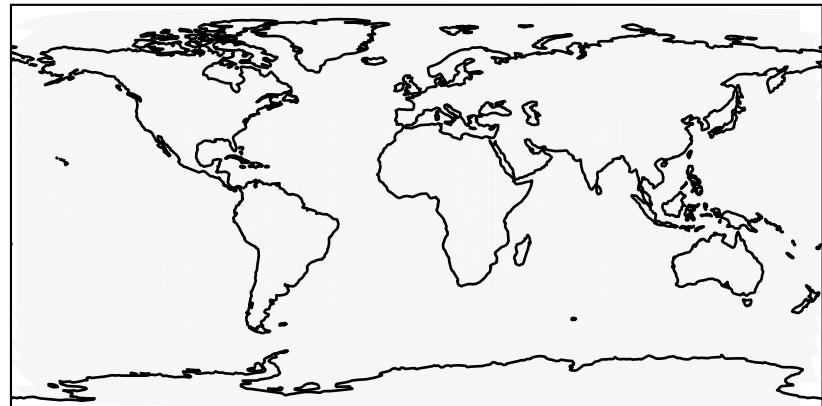
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



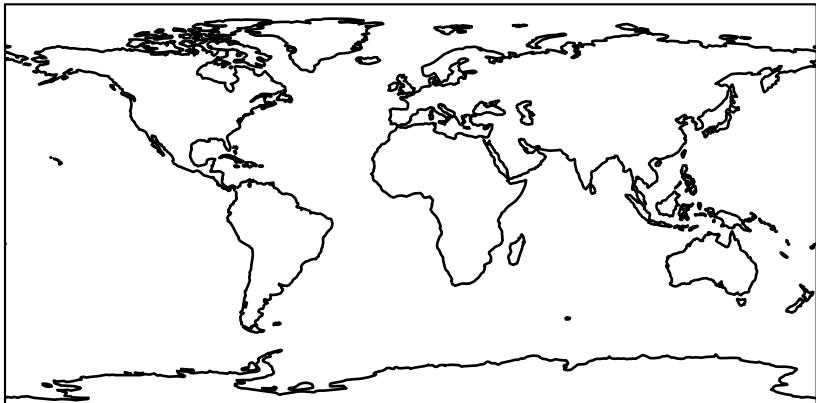
Zero throughout domain
kg/m²/s

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



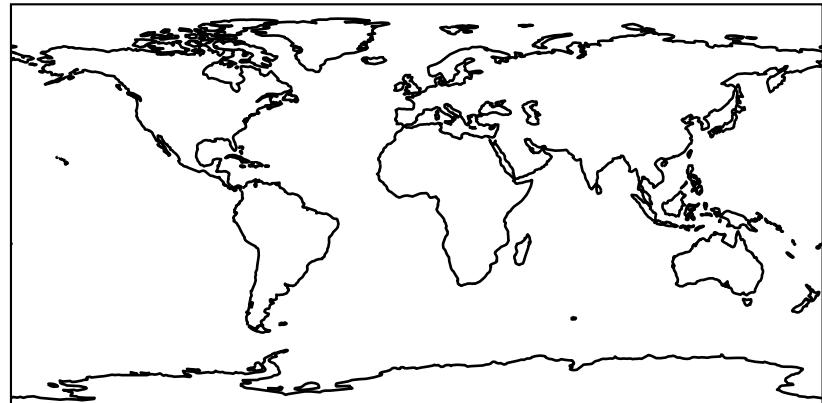
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

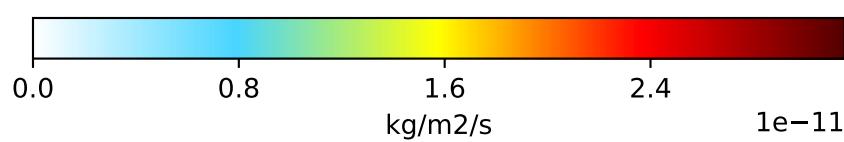
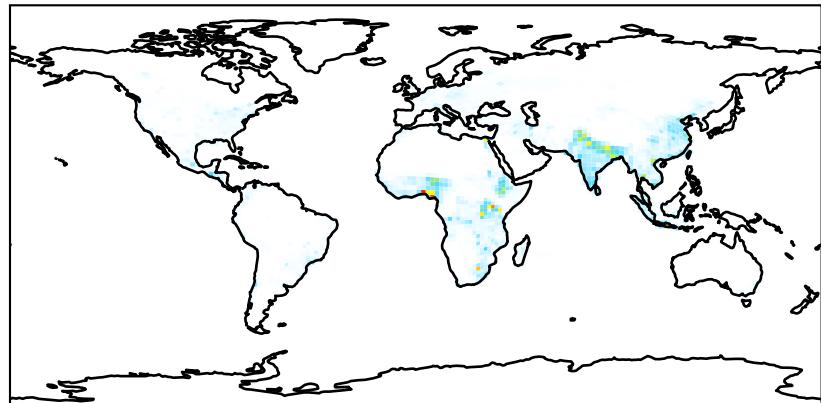
Ratio
Dev/Ref, Fixed Range



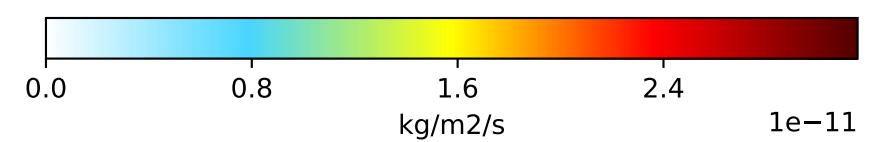
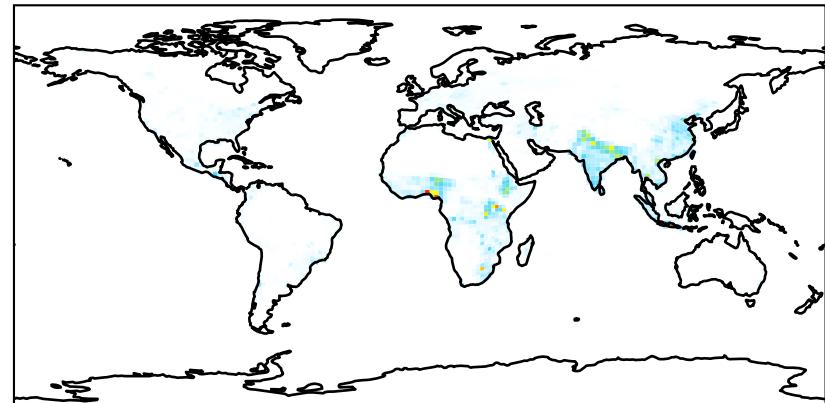
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unitless

EmisPRPE_Anthro

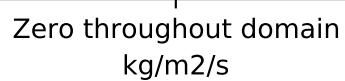
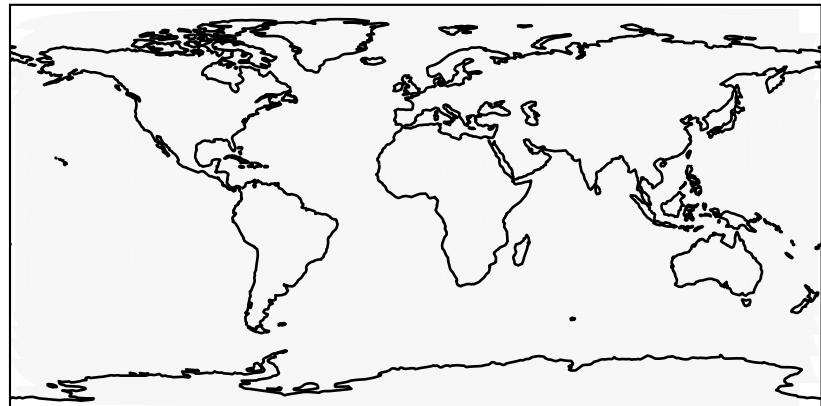
GCHP_13.0.0-beta.0 (Ref)
c48



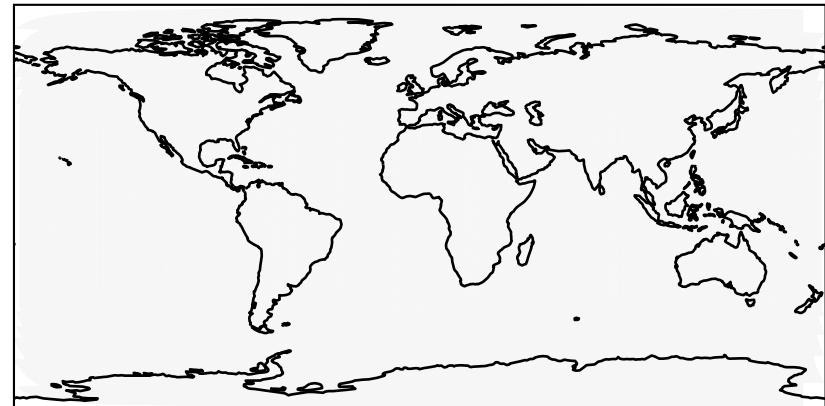
GCHP_13.0.0-offlineEmis (Dev)
c48



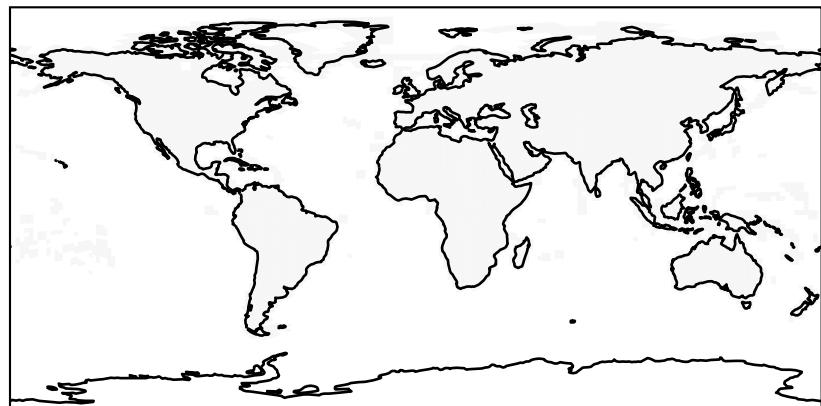
Difference
Dev - Ref, Dynamic Range



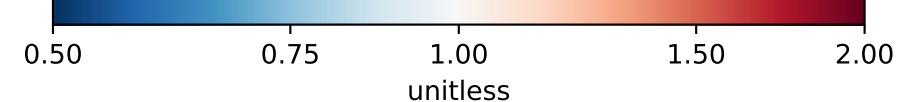
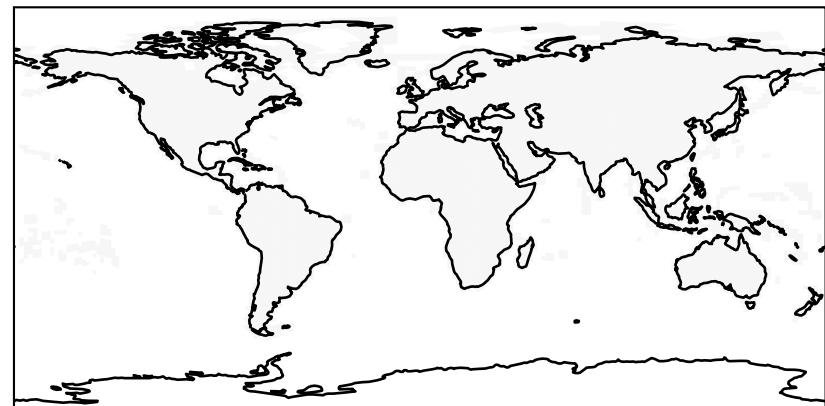
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

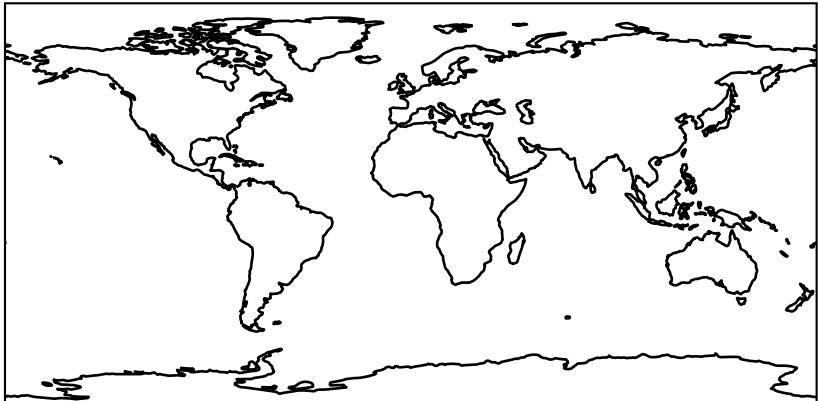


Ratio
Dev/Ref, Fixed Range



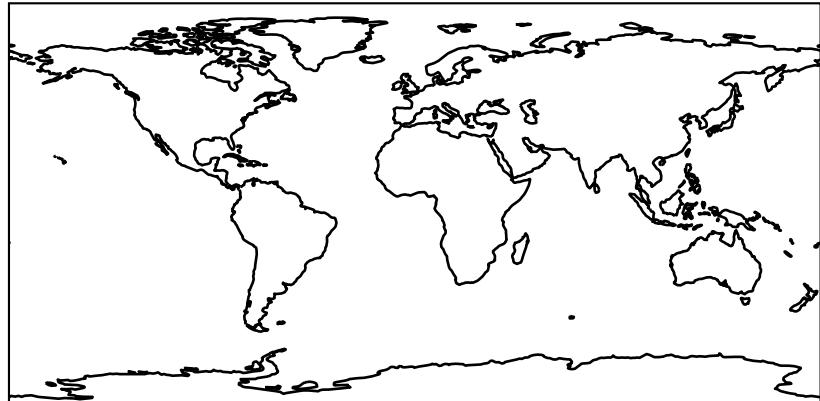
EmisRCHO_Anthro

GCHP_13.0.0-beta.0 (Ref)
c48



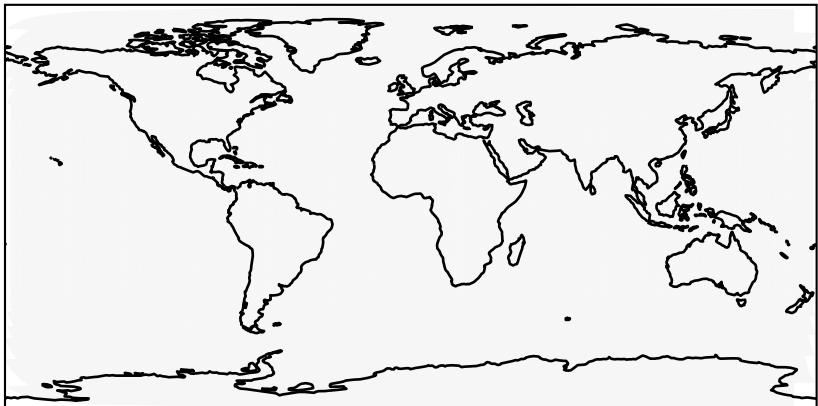
Zero throughout domain
kg/m²/s

GCHP_13.0.0-offlineEmis (Dev)
c48



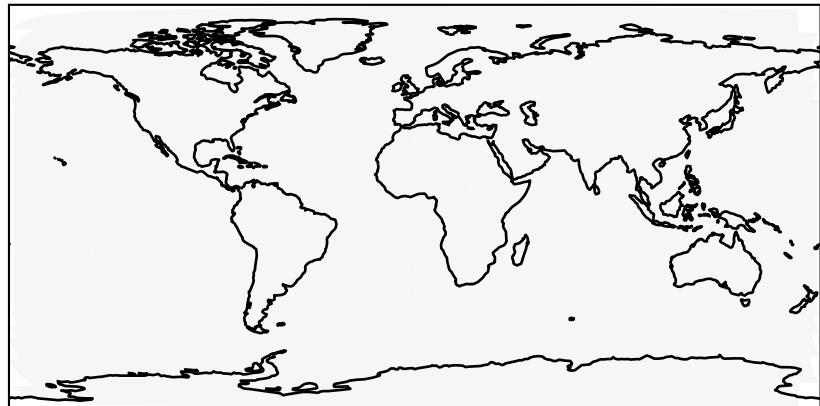
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



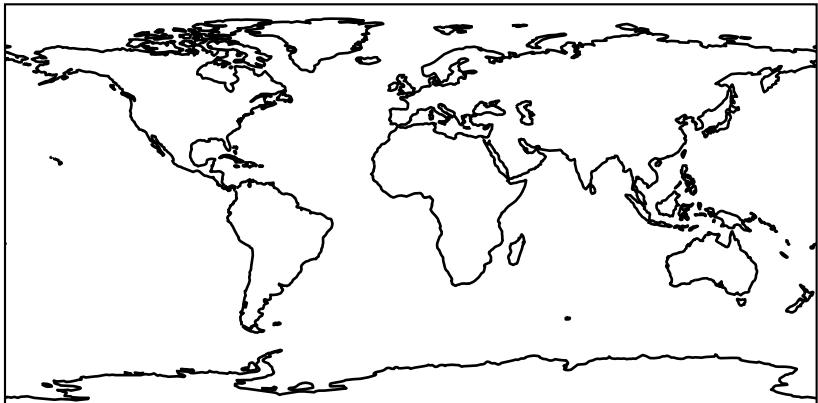
Zero throughout domain
kg/m²/s

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



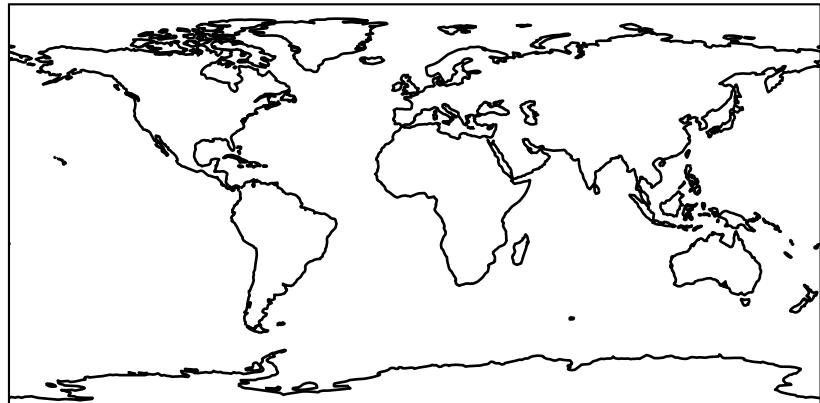
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

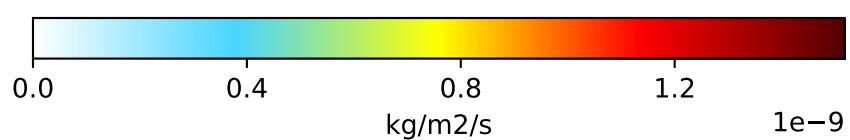
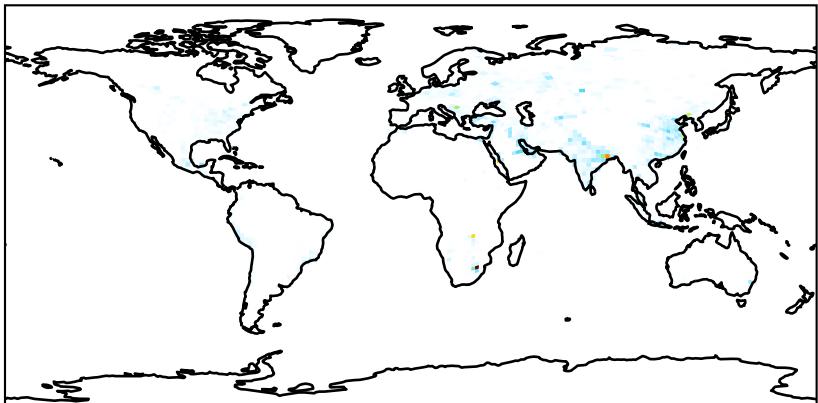
Ratio
Dev/Ref, Fixed Range



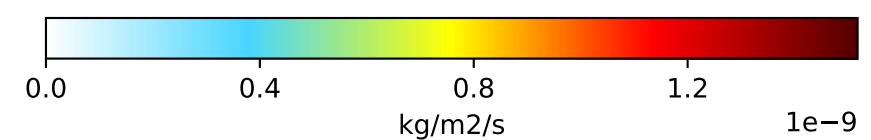
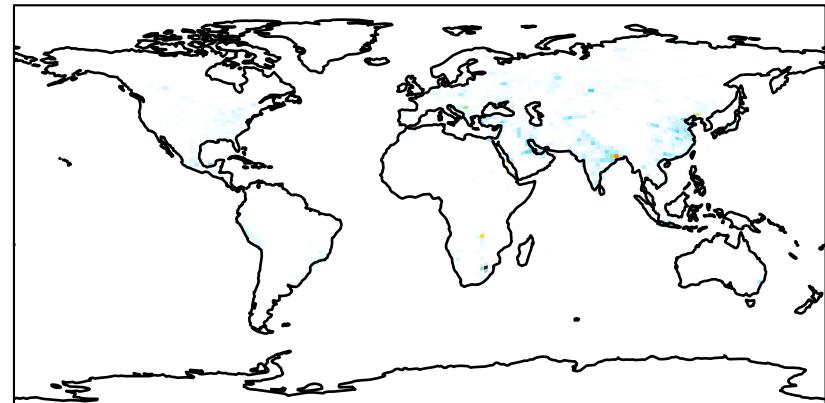
Undefined throughout domain
unitless

EmisSO2_Anthro

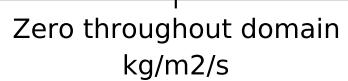
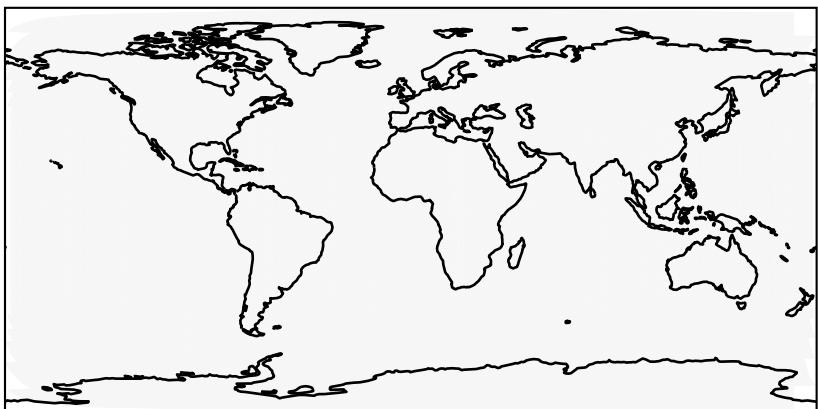
GCHP_13.0.0-beta.0 (Ref)
c48



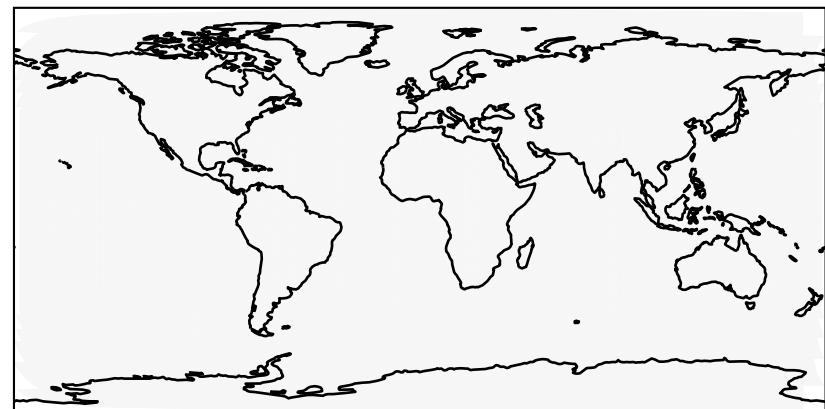
GCHP_13.0.0-offlineEmis (Dev)
c48



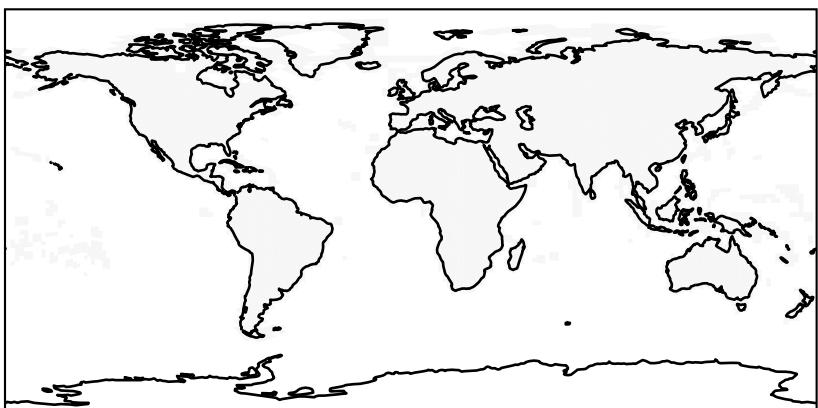
Difference
Dev - Ref, Dynamic Range



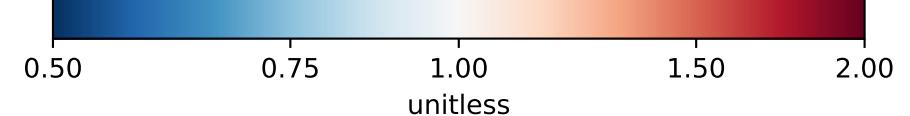
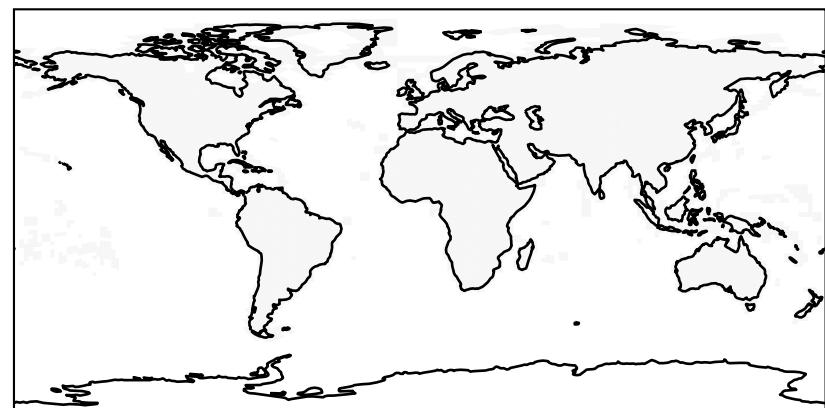
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

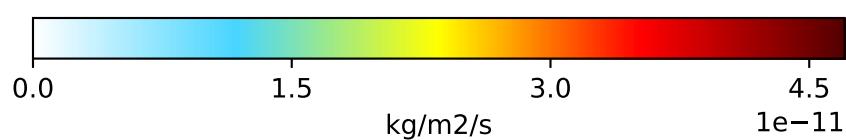
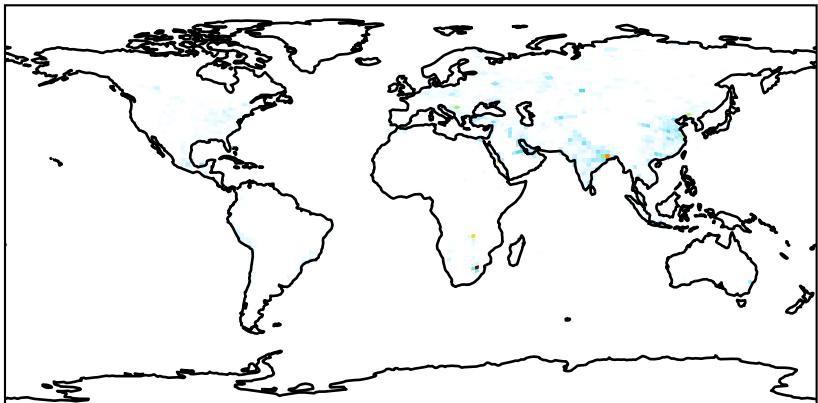


Ratio
Dev/Ref, Fixed Range

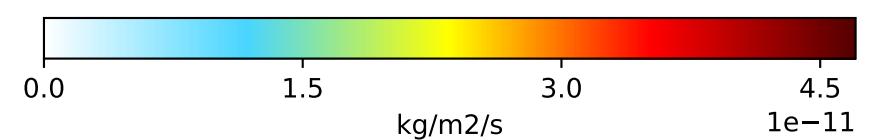
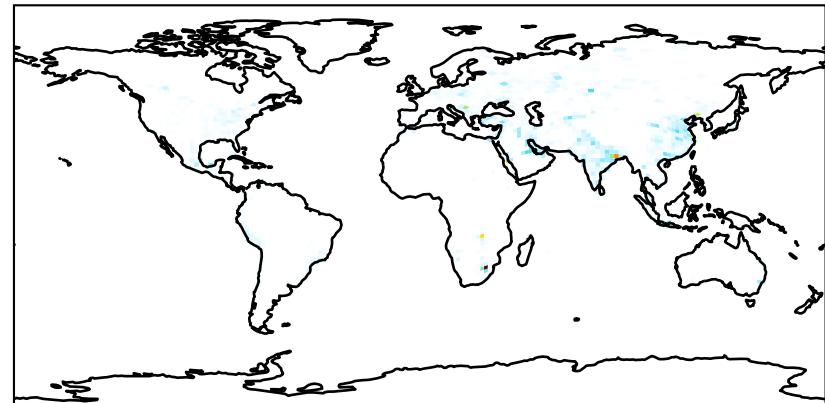


EmisSO4_Anthro

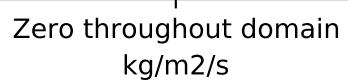
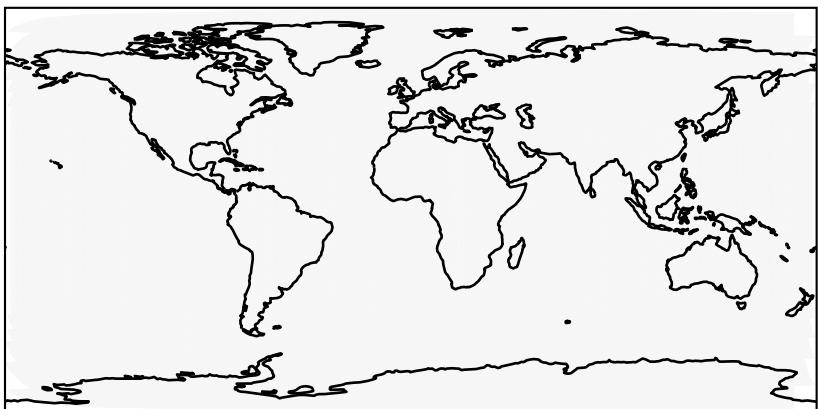
GCHP_13.0.0-beta.0 (Ref)
c48



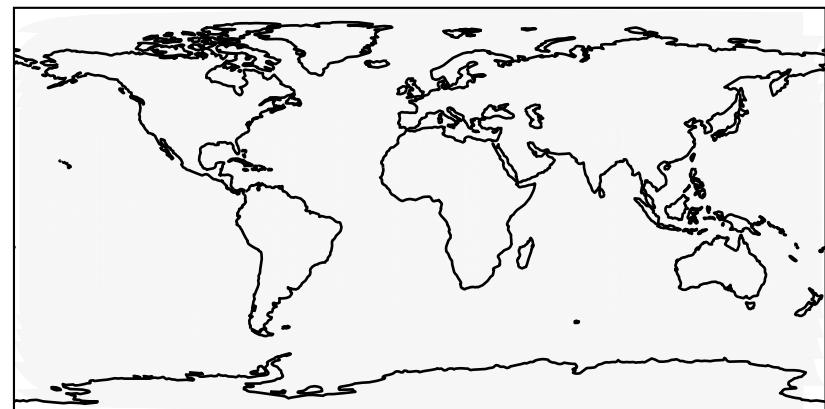
GCHP_13.0.0-offlineEmis (Dev)
c48



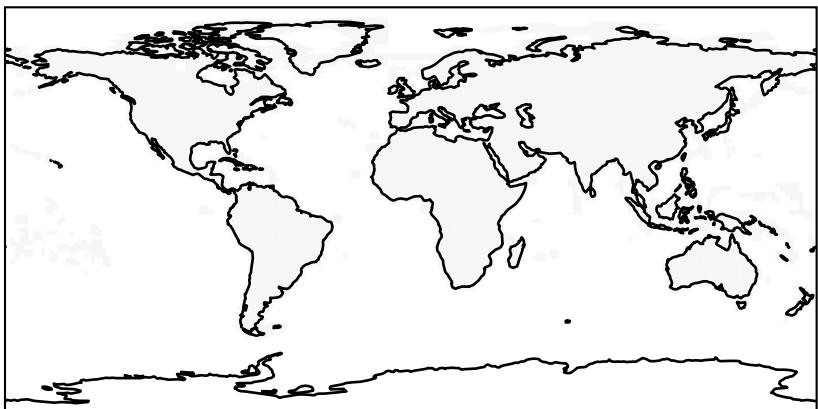
Difference
Dev - Ref, Dynamic Range



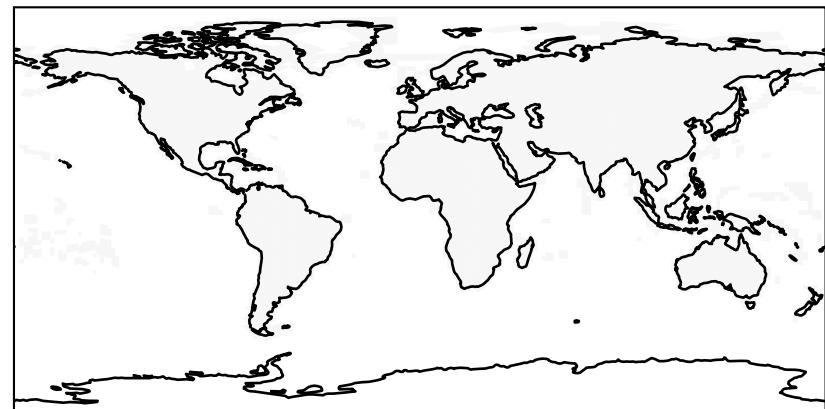
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

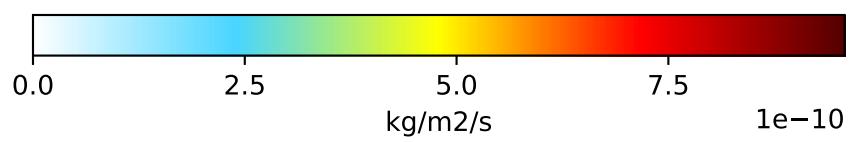
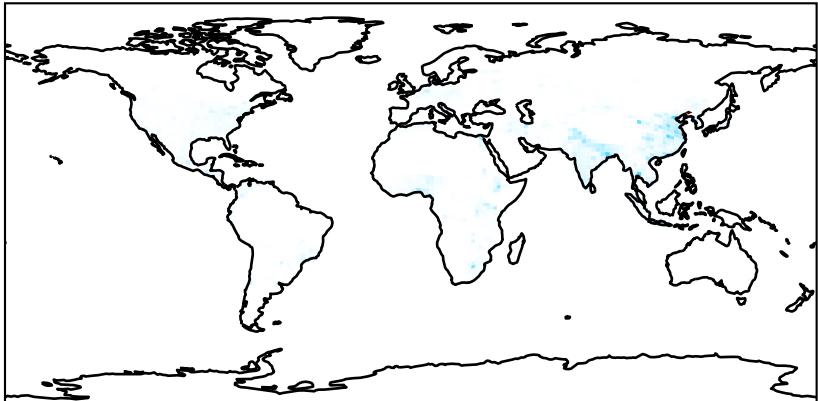


Ratio
Dev/Ref, Fixed Range

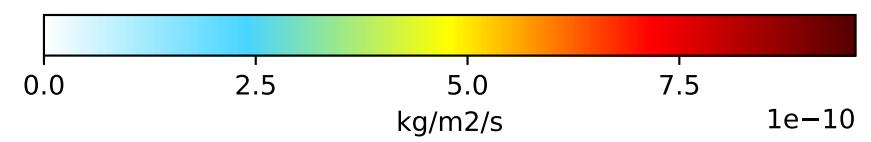
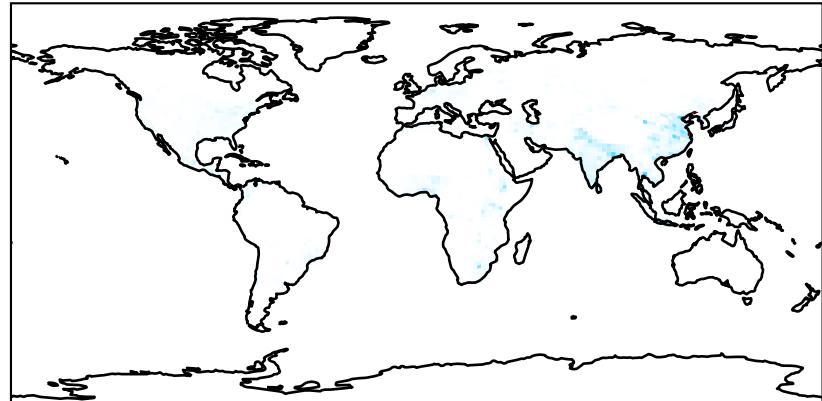


EmisSOAP_Anthro

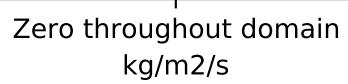
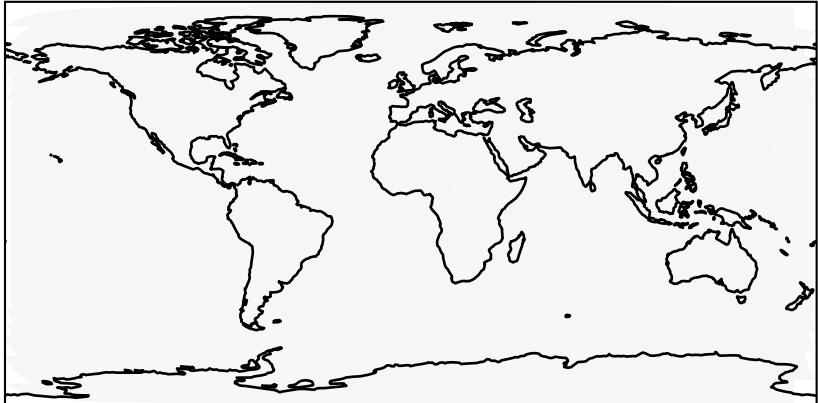
GCHP_13.0.0-beta.0 (Ref)
c48



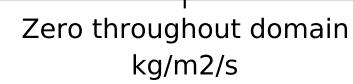
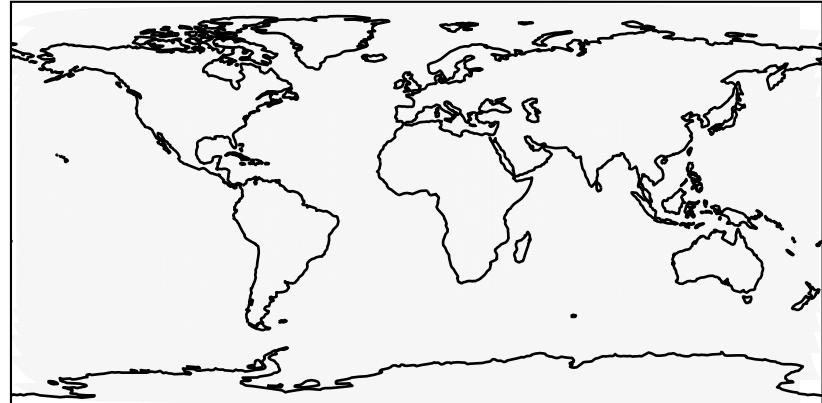
GCHP_13.0.0-offlineEmis (Dev)
c48



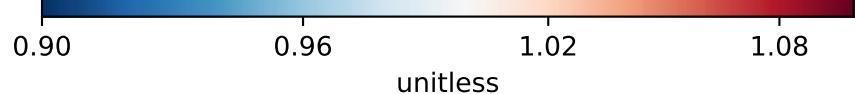
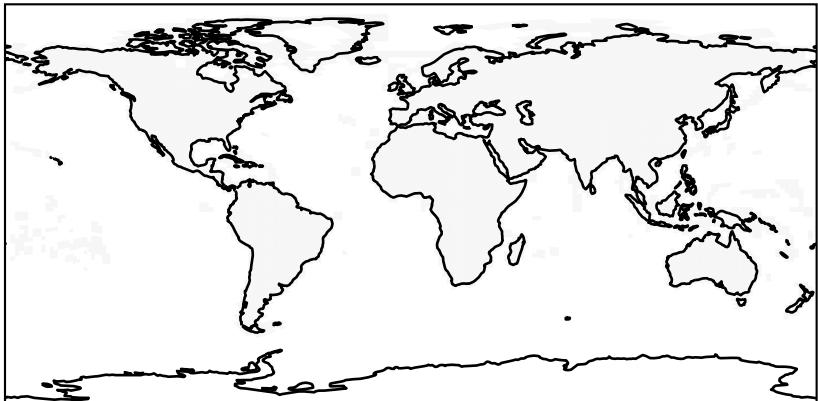
Difference
Dev - Ref, Dynamic Range



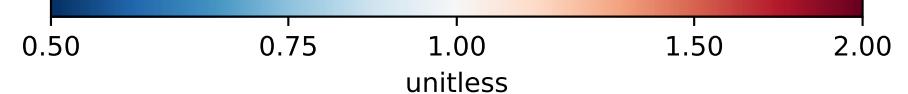
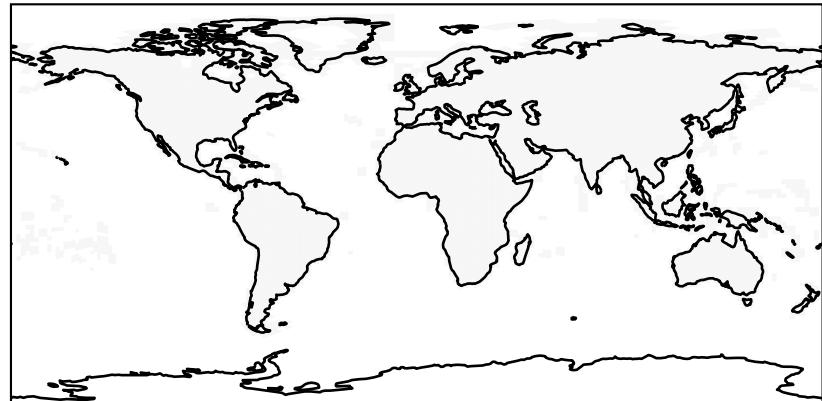
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

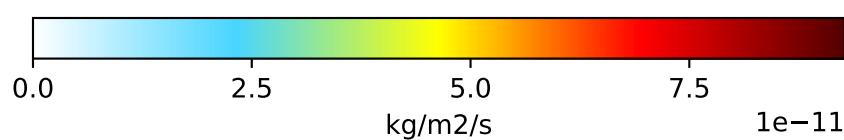
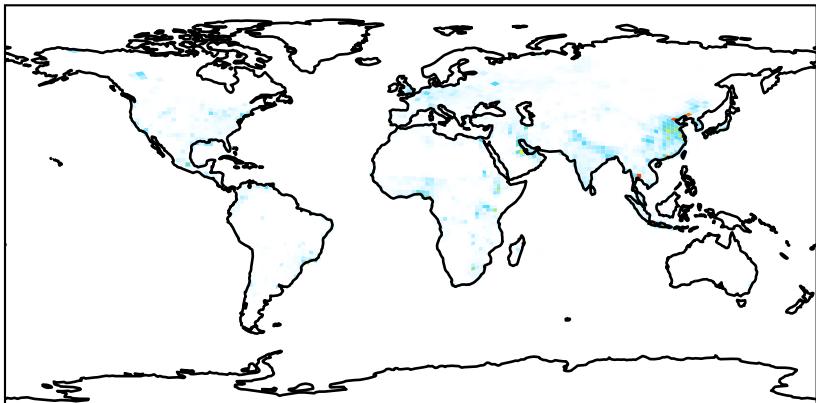


Ratio
Dev/Ref, Fixed Range

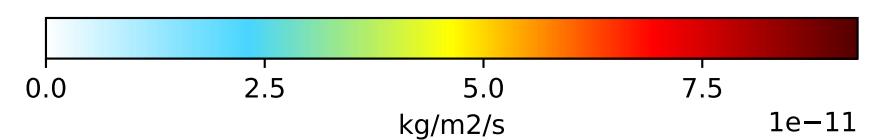
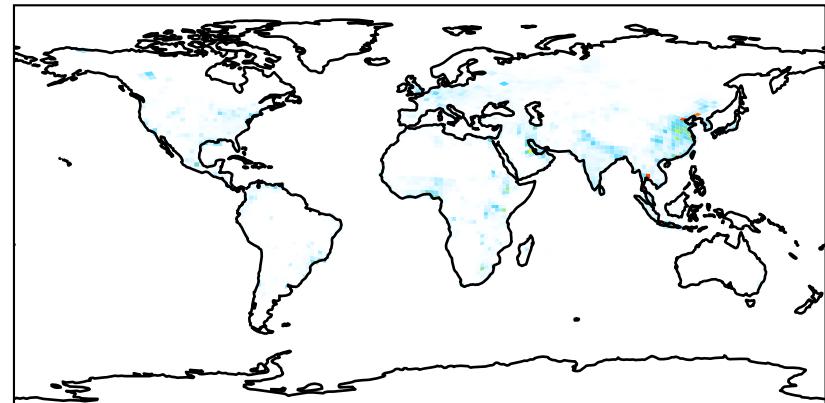


EmisTOLU_Anthro

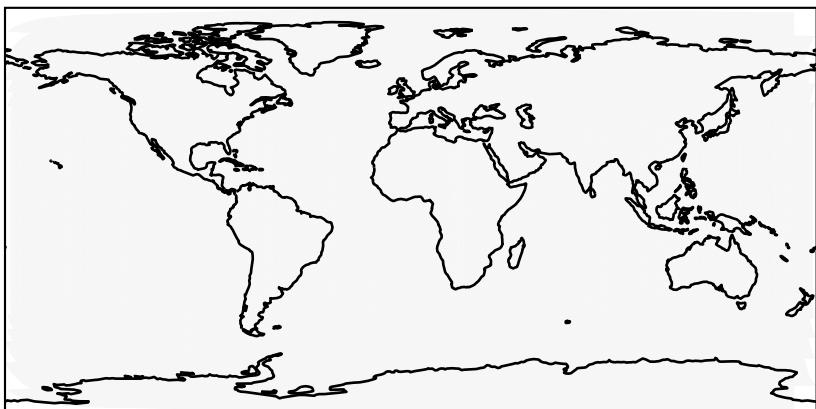
GCHP_13.0.0-beta.0 (Ref)
c48



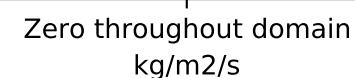
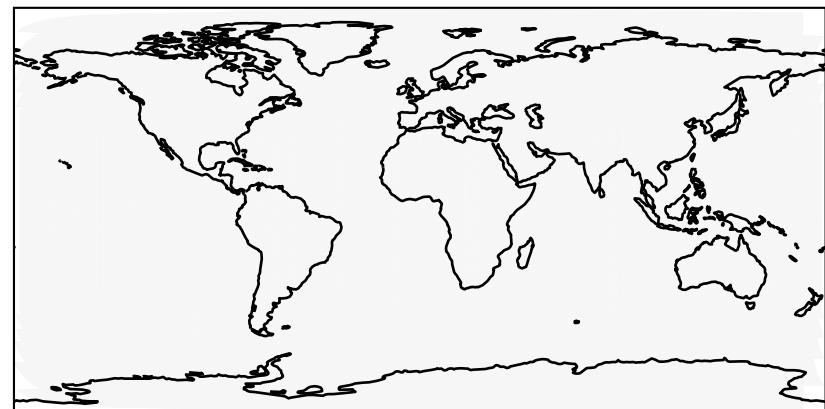
GCHP_13.0.0-offlineEmis (Dev)
c48



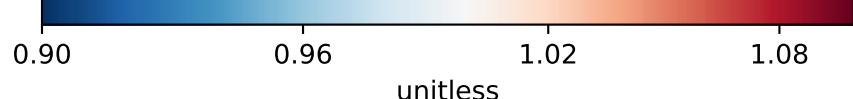
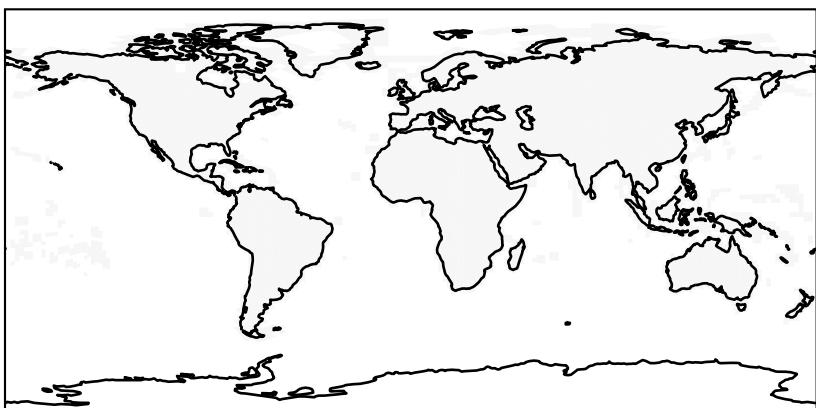
Difference
Dev - Ref, Dynamic Range



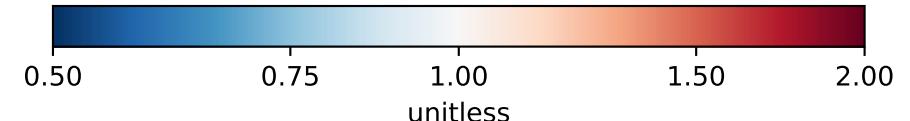
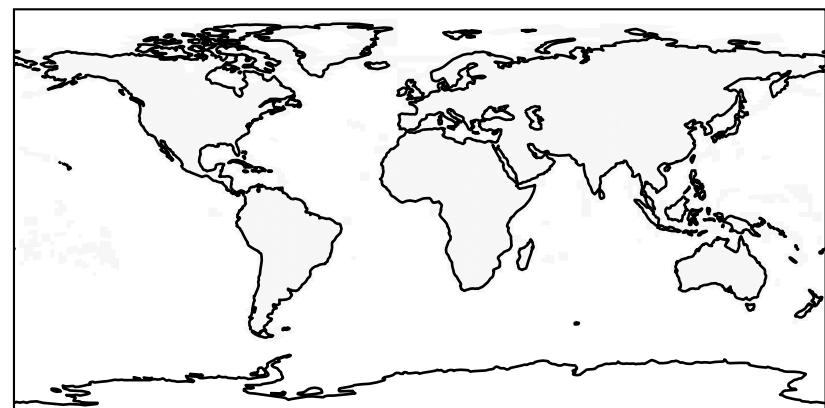
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

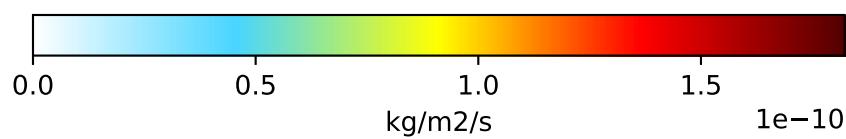
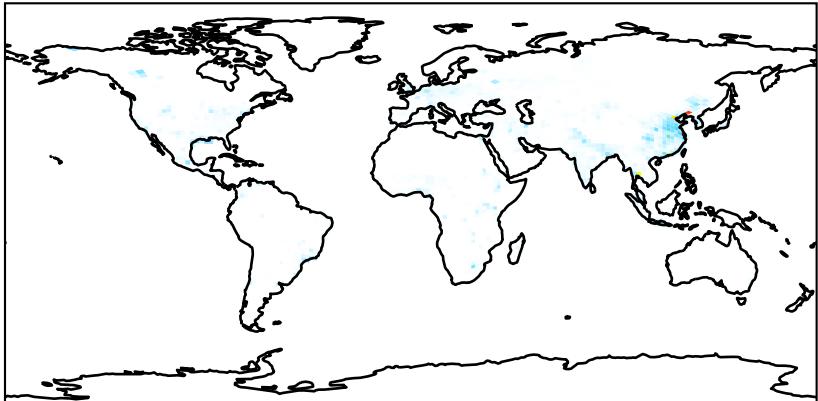


Ratio
Dev/Ref, Fixed Range

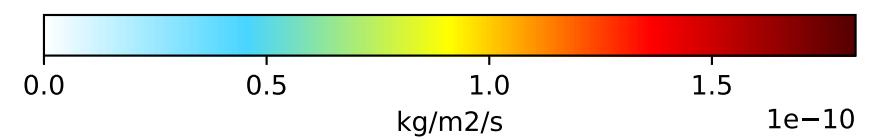
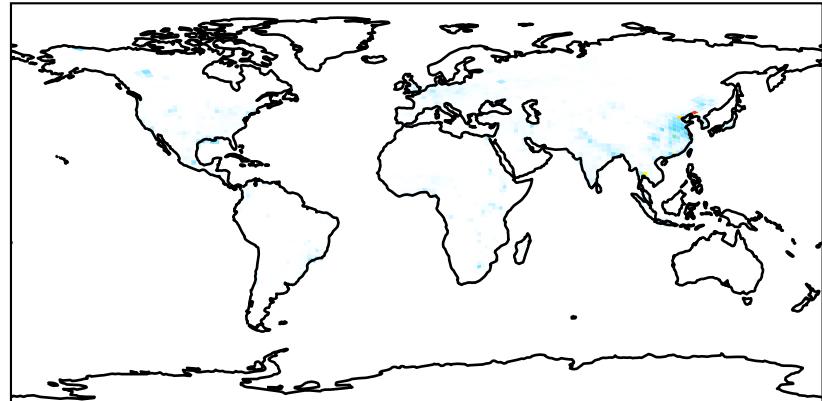


EmisXYLE_Anthro

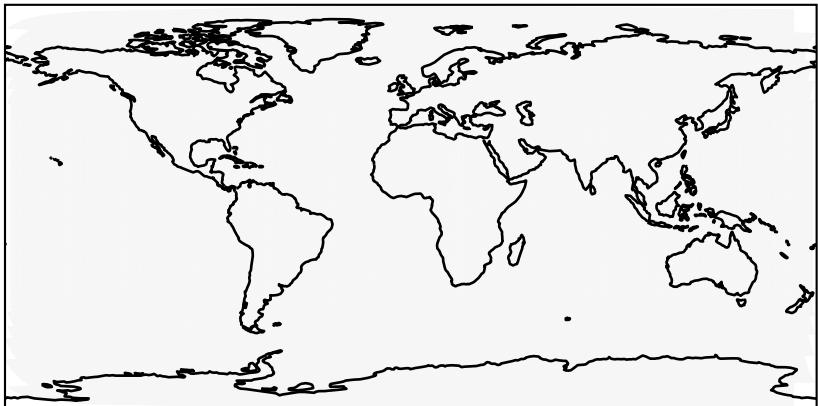
GCHP_13.0.0-beta.0 (Ref)
c48



GCHP_13.0.0-offlineEmis (Dev)
c48

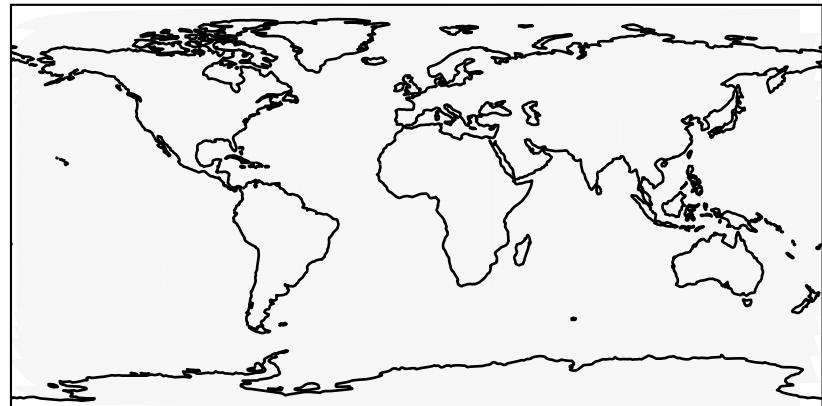


Difference
Dev - Ref, Dynamic Range



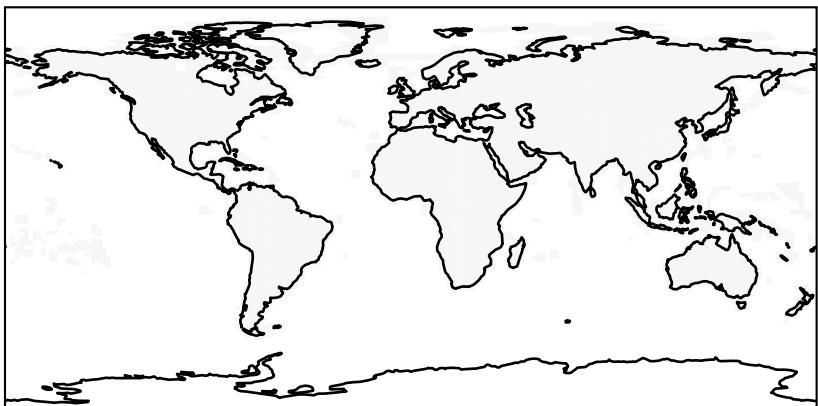
Zero throughout domain
kg/m²/s

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



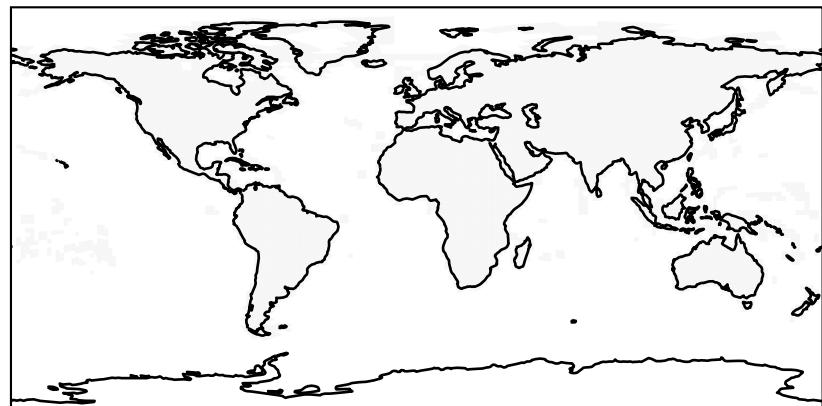
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



0.90 0.96 1.02 1.08
unitless

Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless