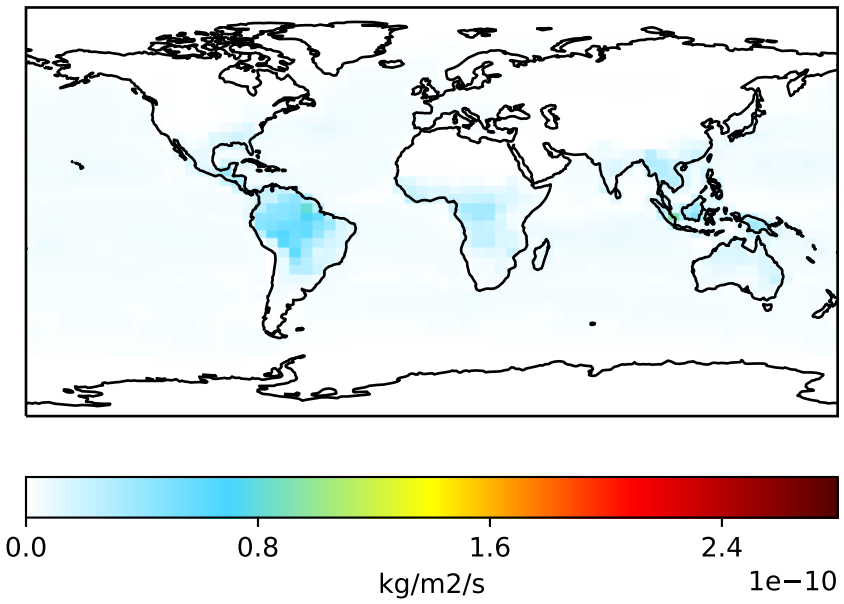
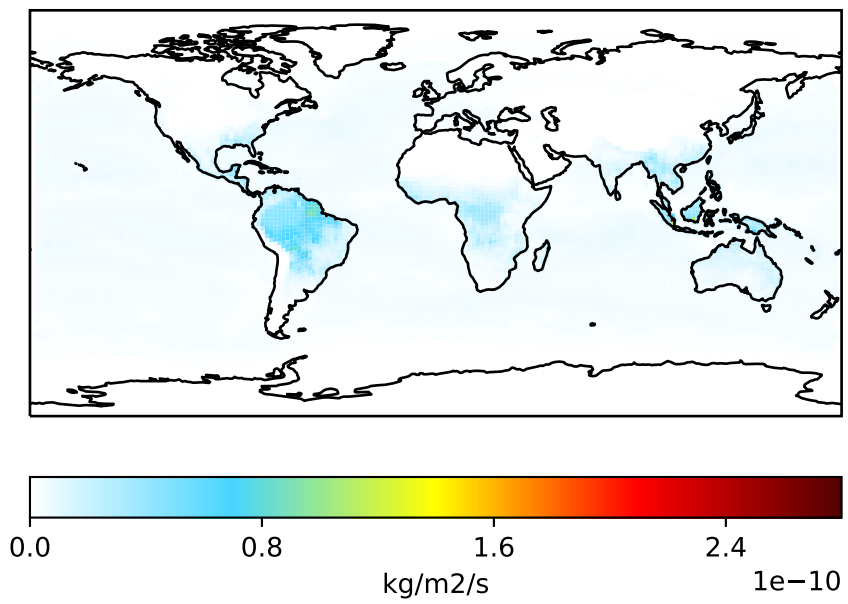
# EmisACET_Total (Oct2019)

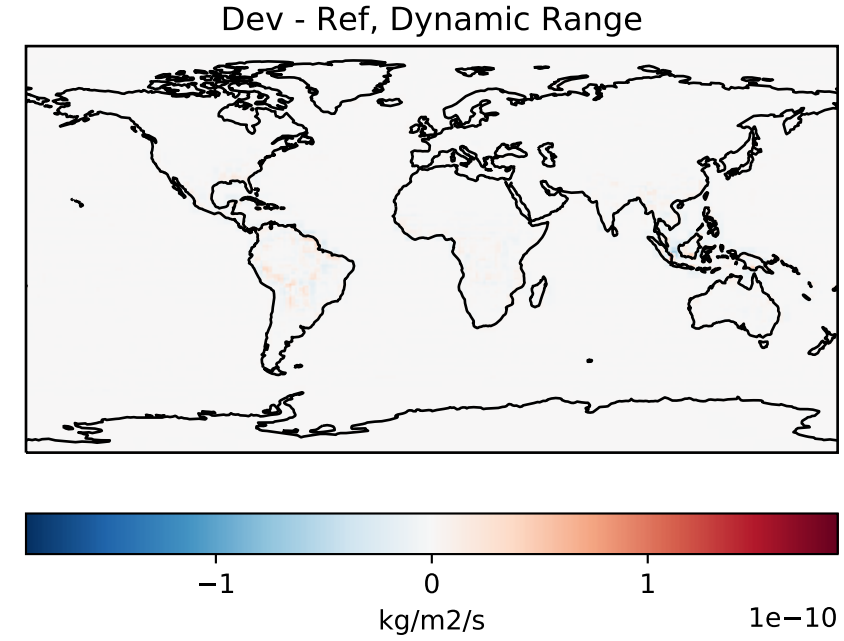
GCC_12.9.0 (Ref)
4.0x5.0



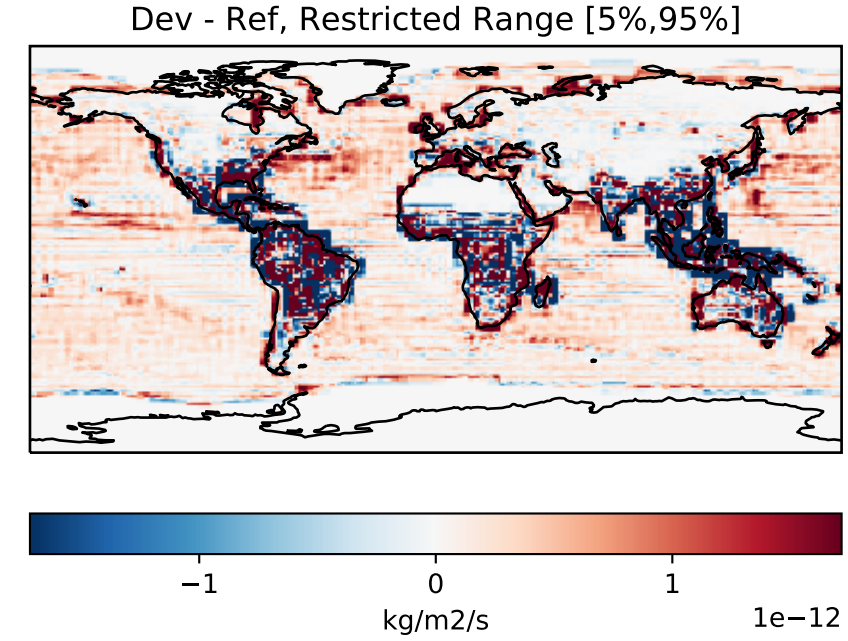

GCC_13.0.0-beta.1 (Dev)
c48



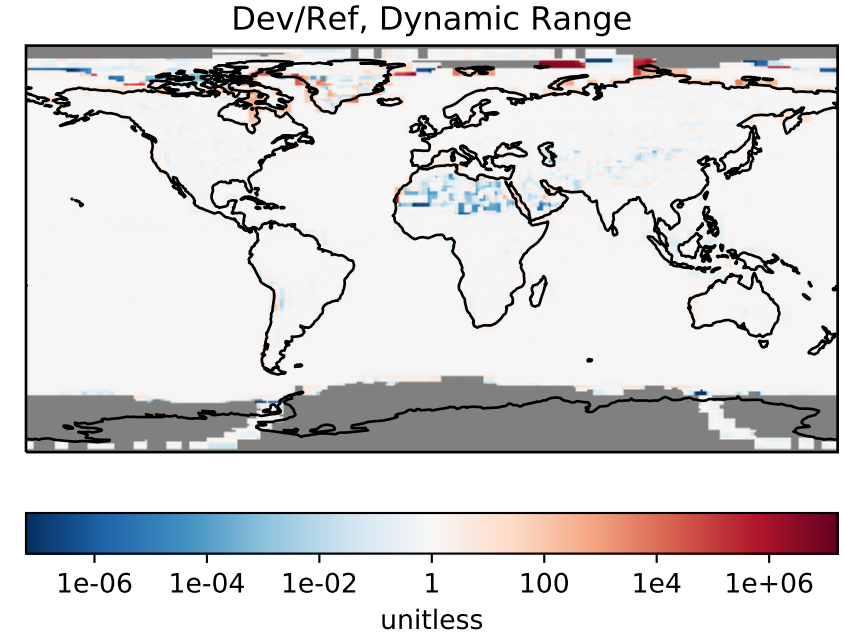

Difference (1x1.25)
Dev - Ref, Dynamic Range



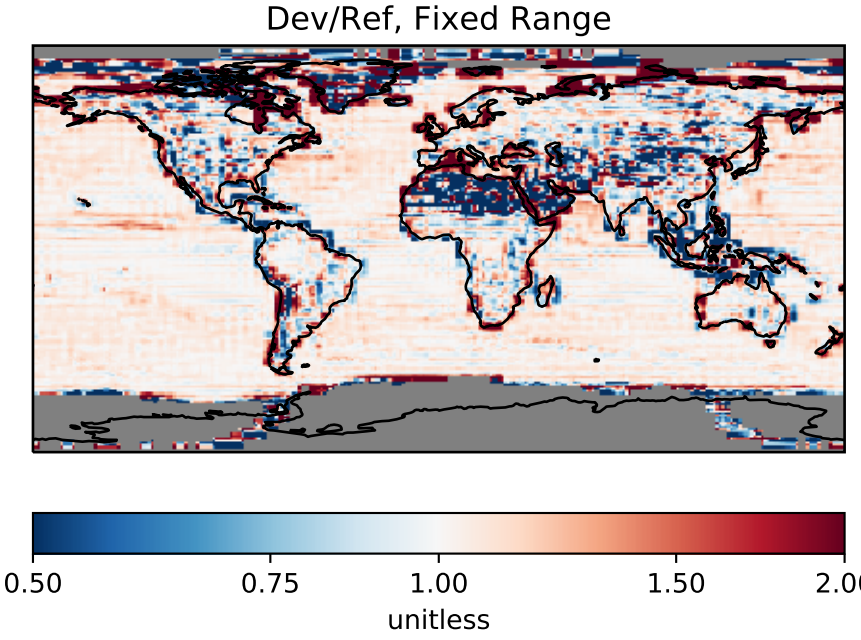

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

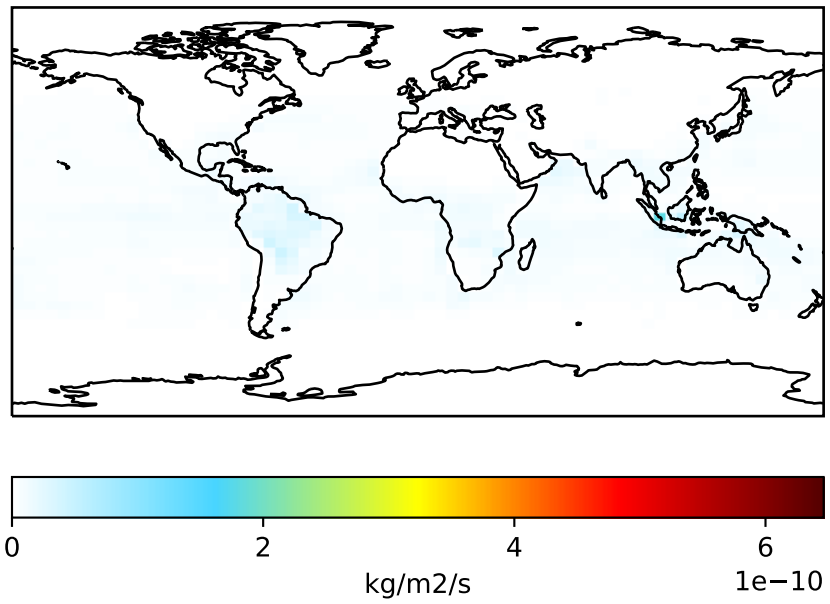



Ratio (1x1.25)
Dev/Ref, Fixed Range

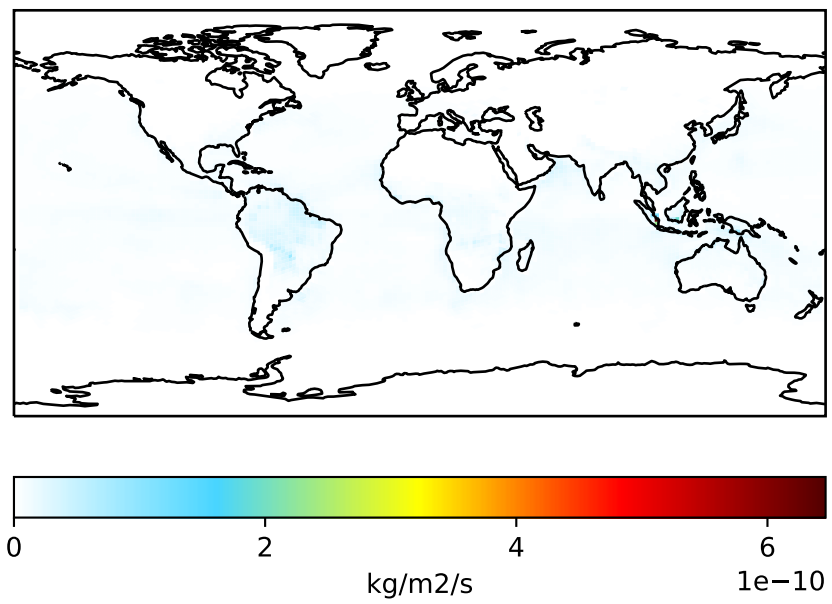


# EmisALD2_Total (Oct2019)

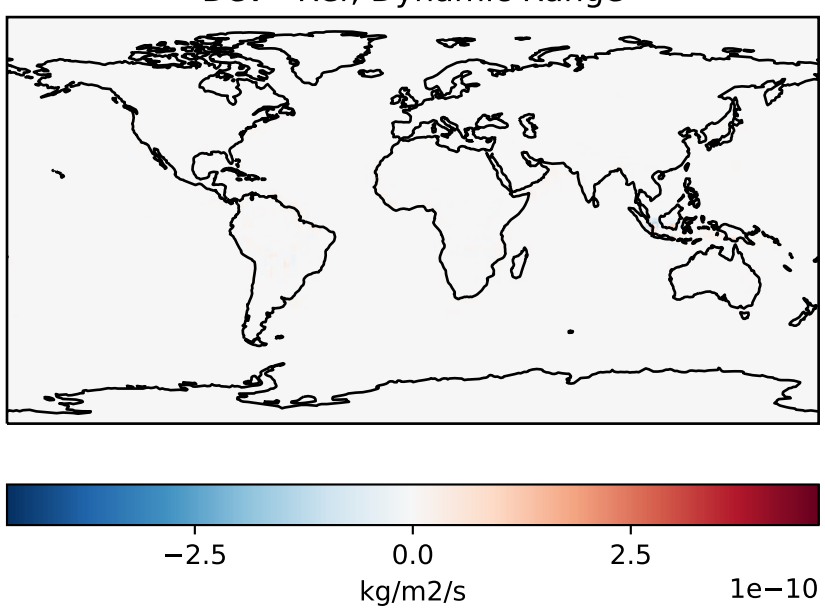
GCC_12.9.0 (Ref)
4.0x5.0



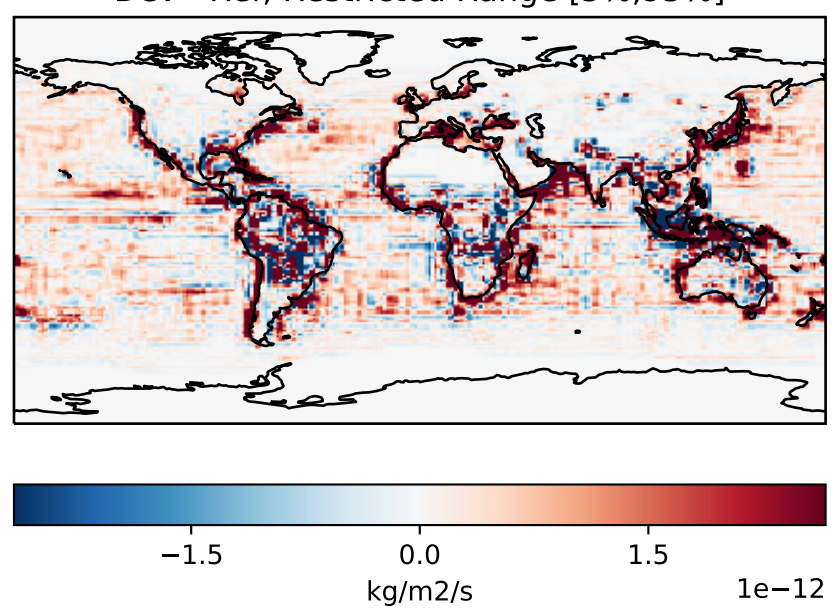

GCC_13.0.0-beta.1 (Dev)
c48



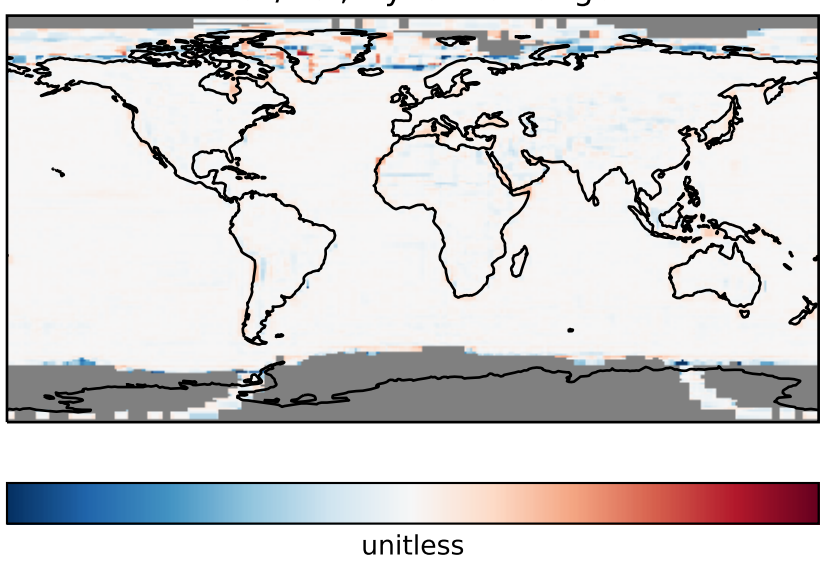

Difference (1x1.25)
Dev - Ref, Dynamic Range



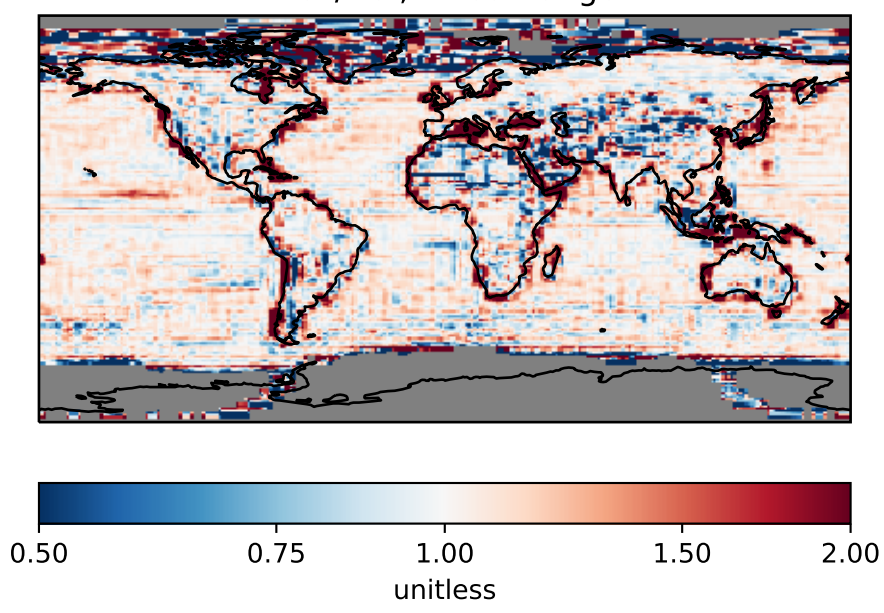

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

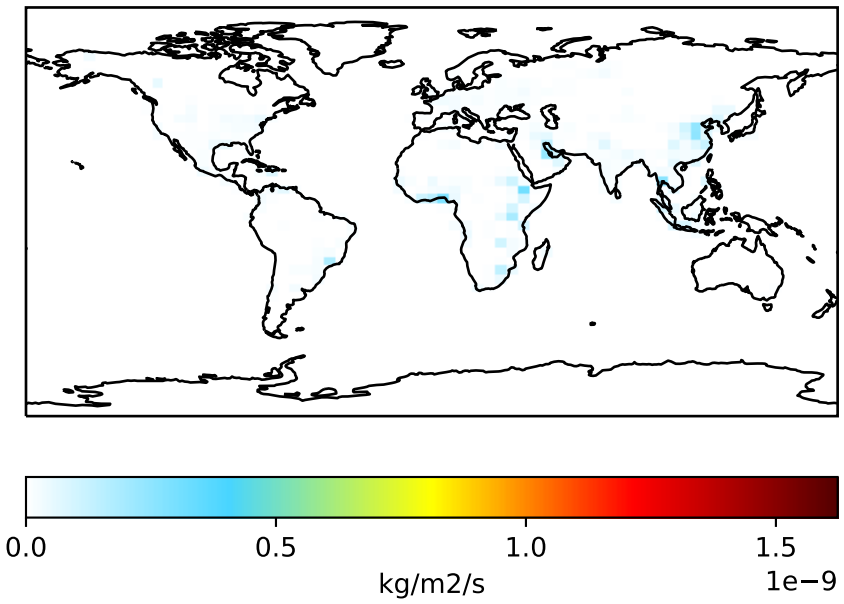



Ratio (1x1.25)
Dev/Ref, Fixed Range

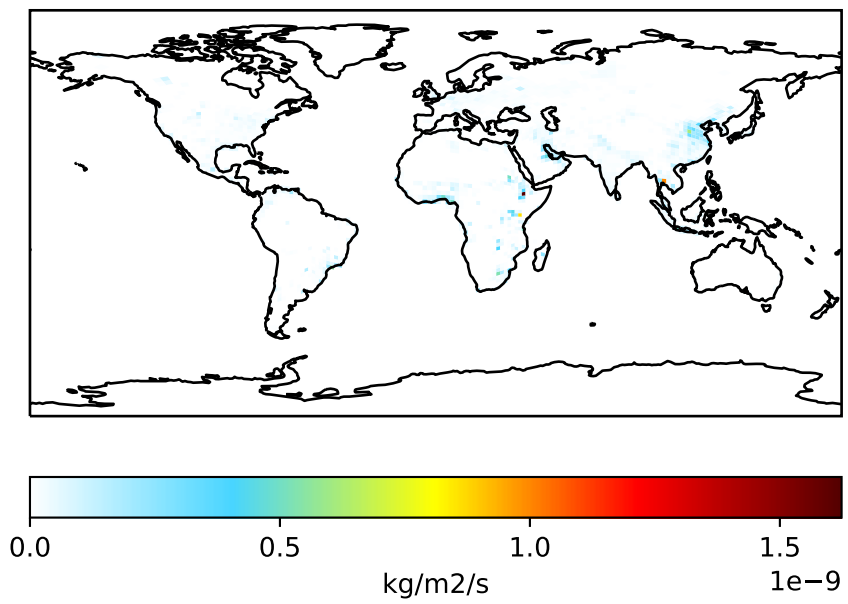


# EmisALK4_Total (Oct2019)

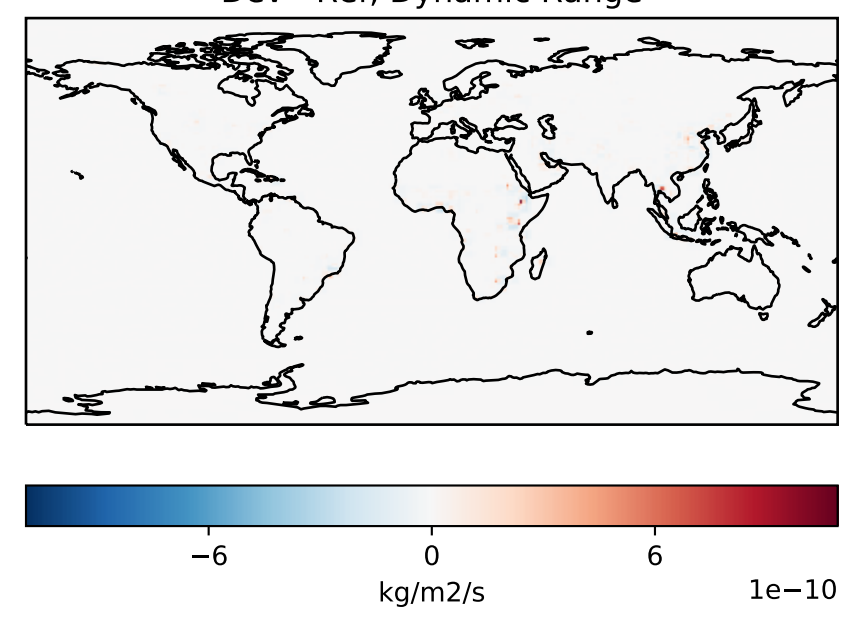
GCC_12.9.0 (Ref)
4.0x5.0



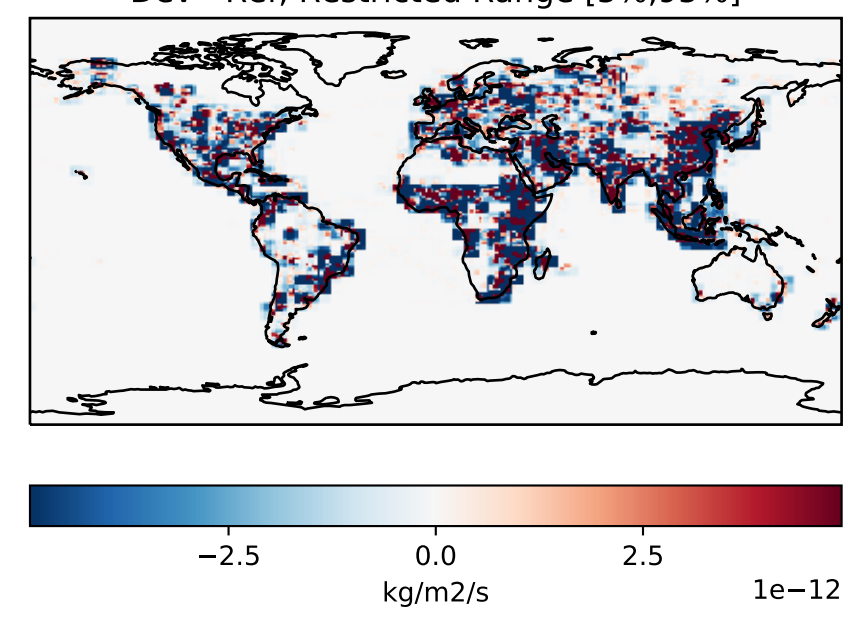

GCC_13.0.0-beta.1 (Dev)
c48



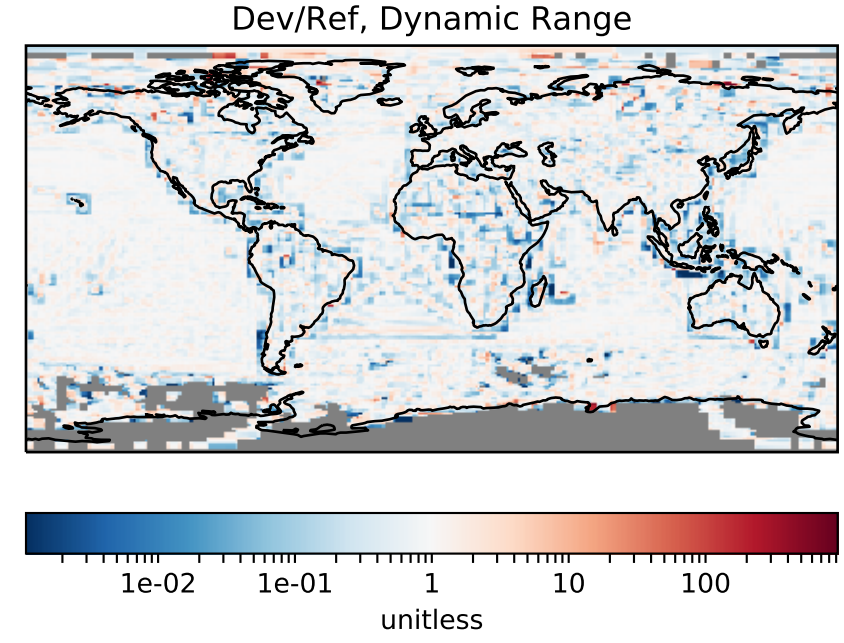

Difference (1x1.25)
Dev - Ref, Dynamic Range



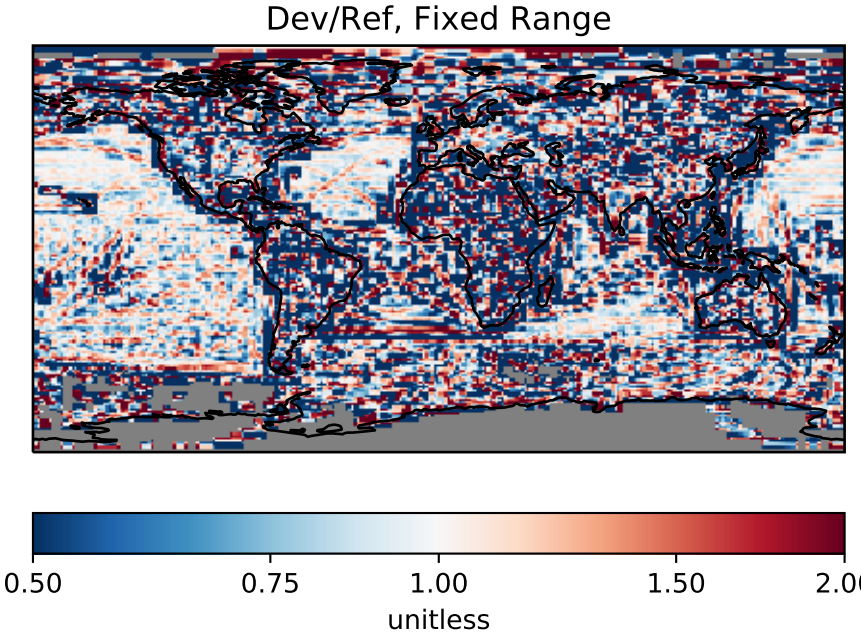

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

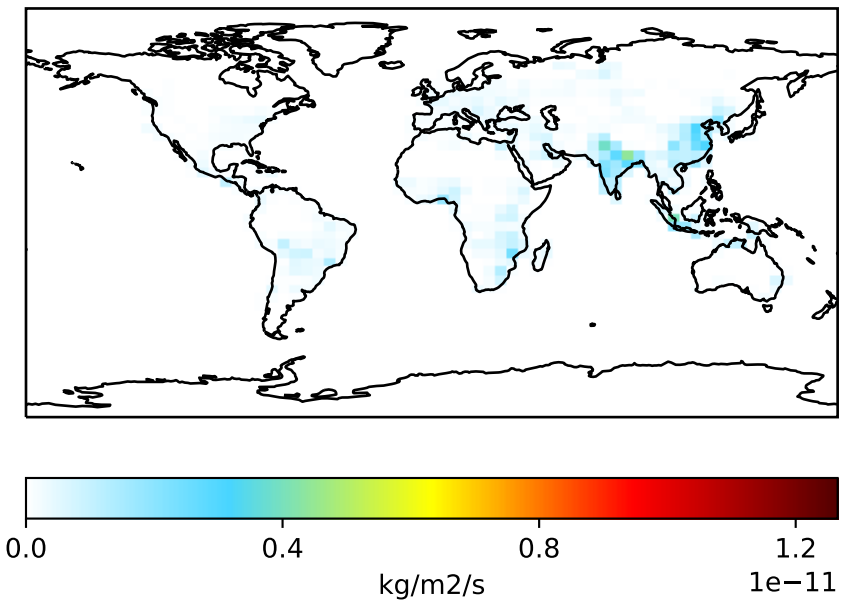



Ratio (1x1.25)
Dev/Ref, Fixed Range

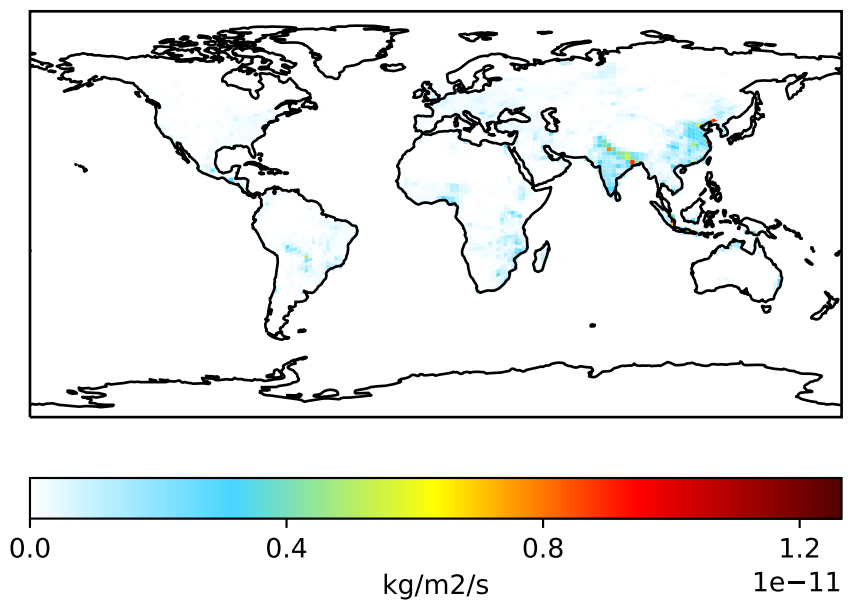


# EmisBCPI_Total (Oct2019)

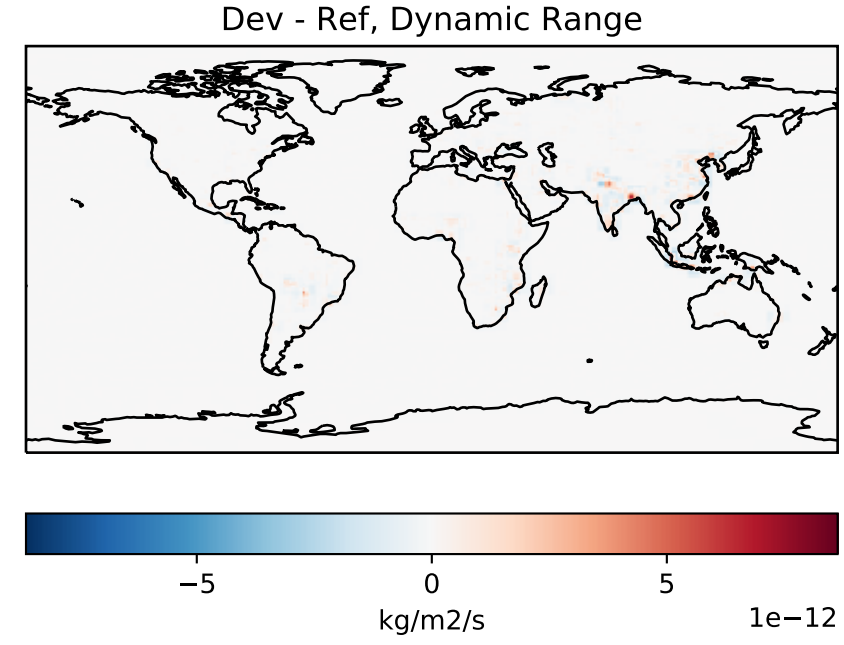
GCC_12.9.0 (Ref)
4.0x5.0



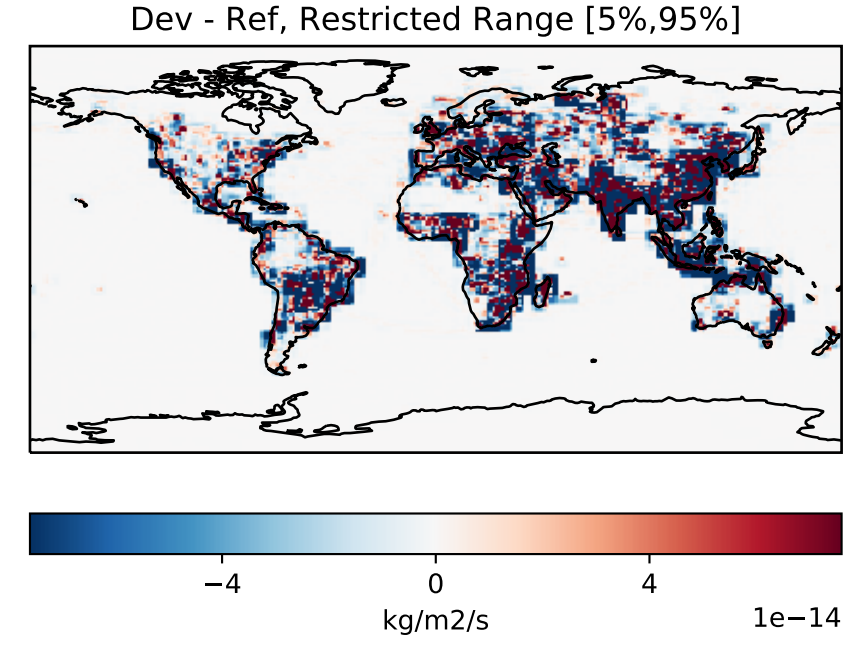

GCC_13.0.0-beta.1 (Dev)
c48



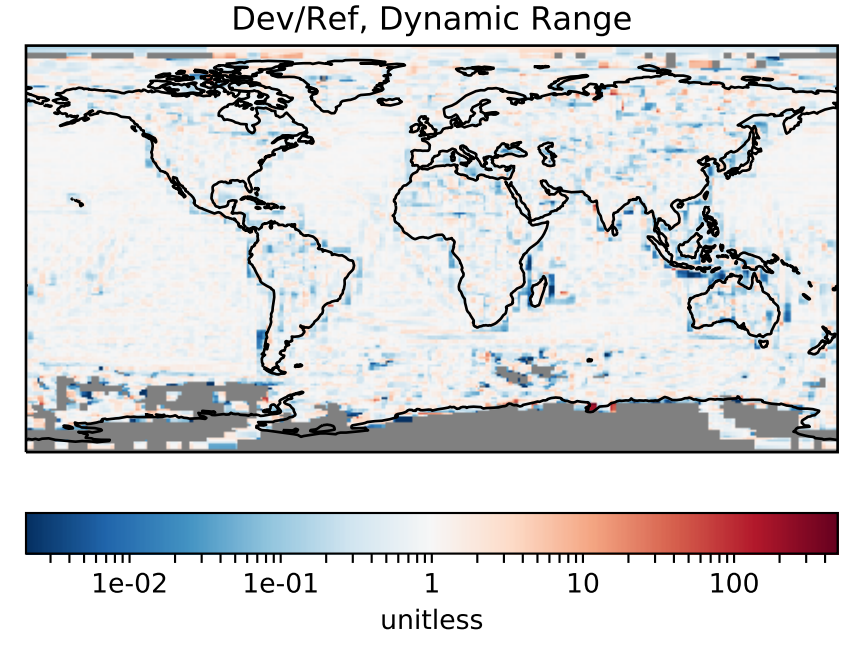

Difference (1x1.25)
Dev - Ref, Dynamic Range



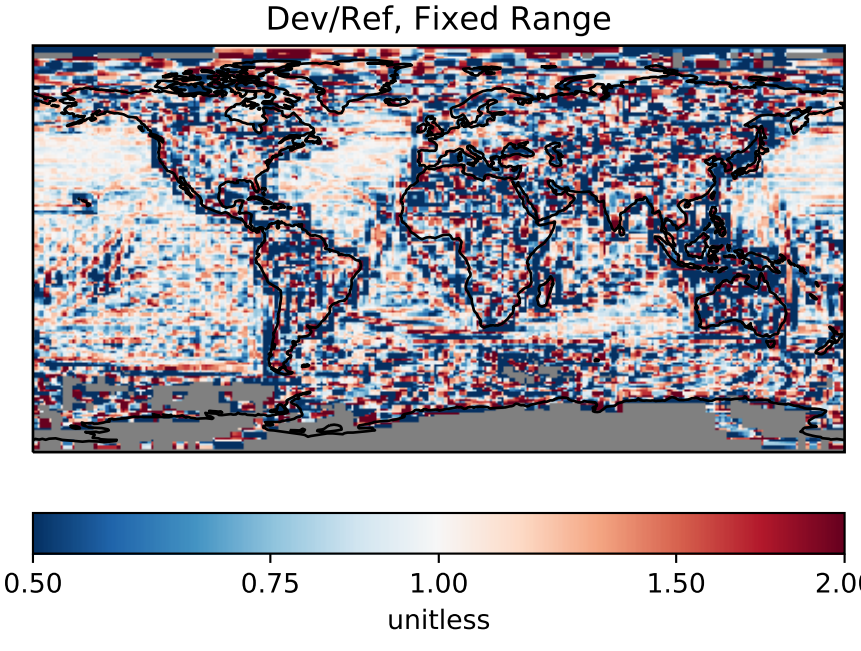

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

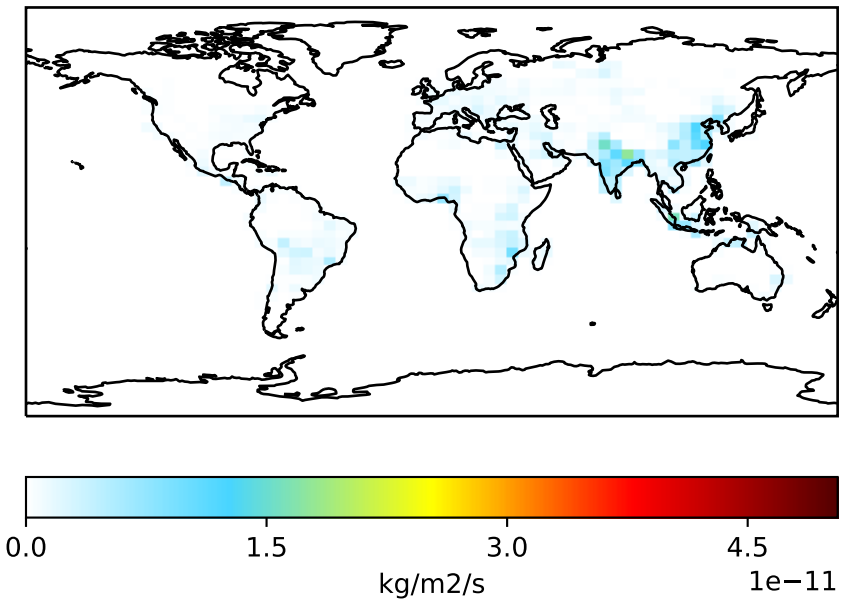



Ratio (1x1.25)
Dev/Ref, Fixed Range

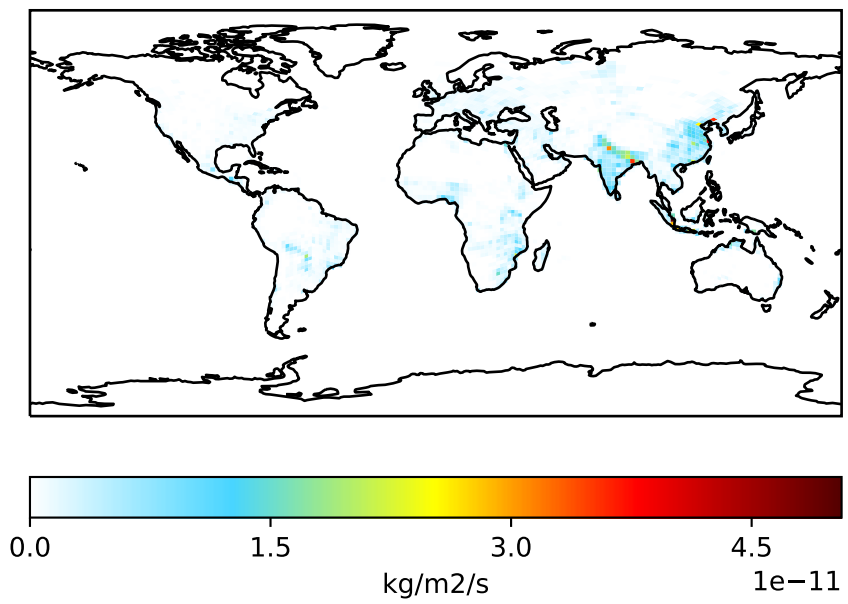


# EmisBCPO_Total (Oct2019)

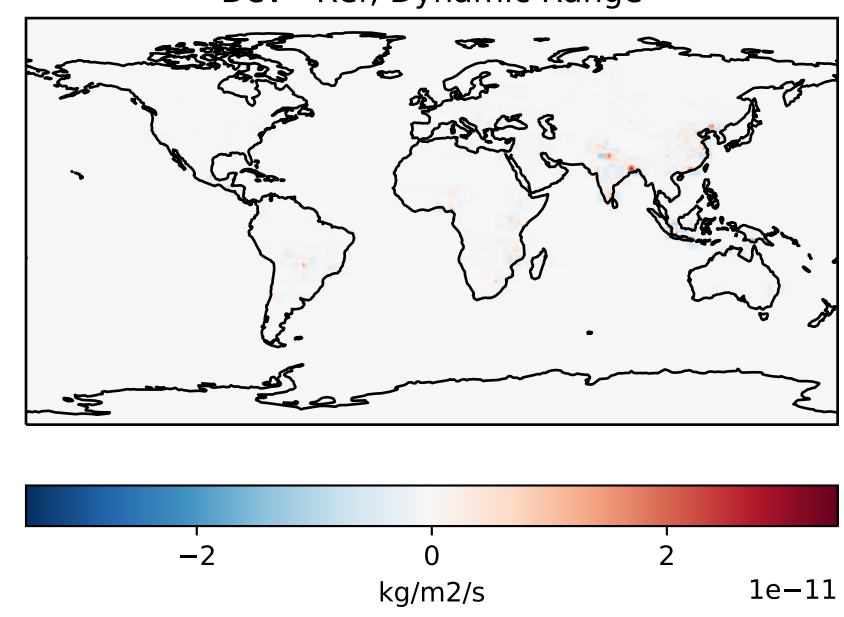
GCC_12.9.0 (Ref)
4.0x5.0



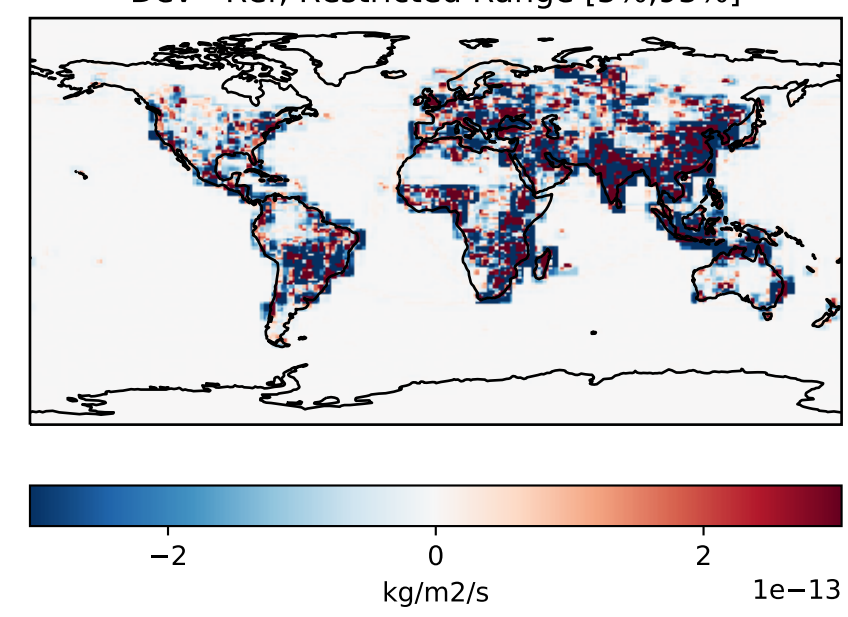

GCC_13.0.0-beta.1 (Dev)
c48



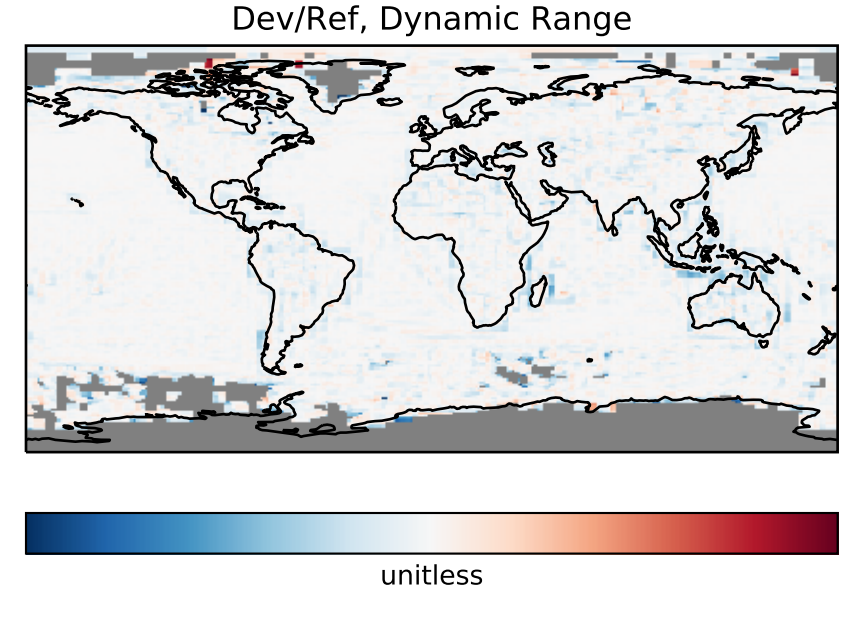

Difference (1x1.25)
Dev - Ref, Dynamic Range



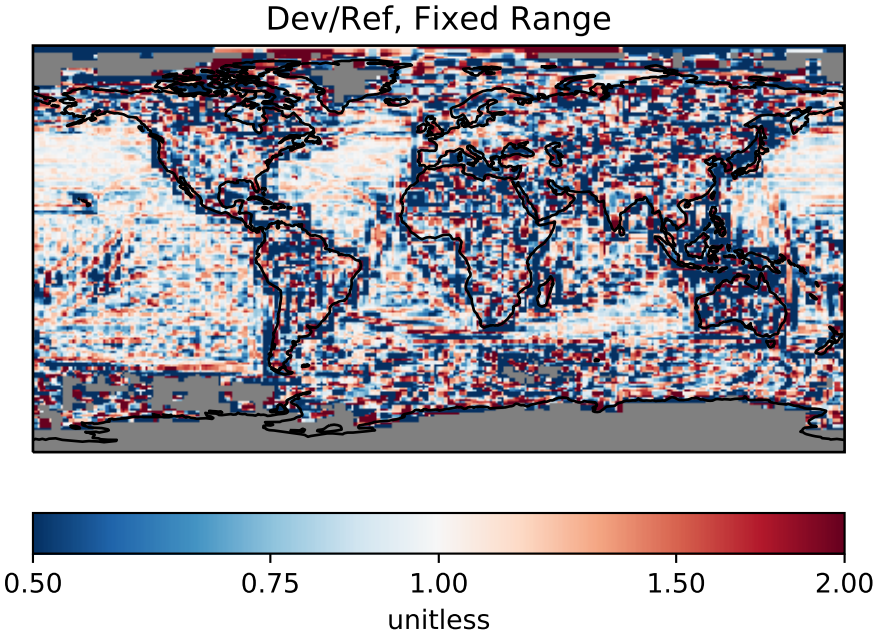

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

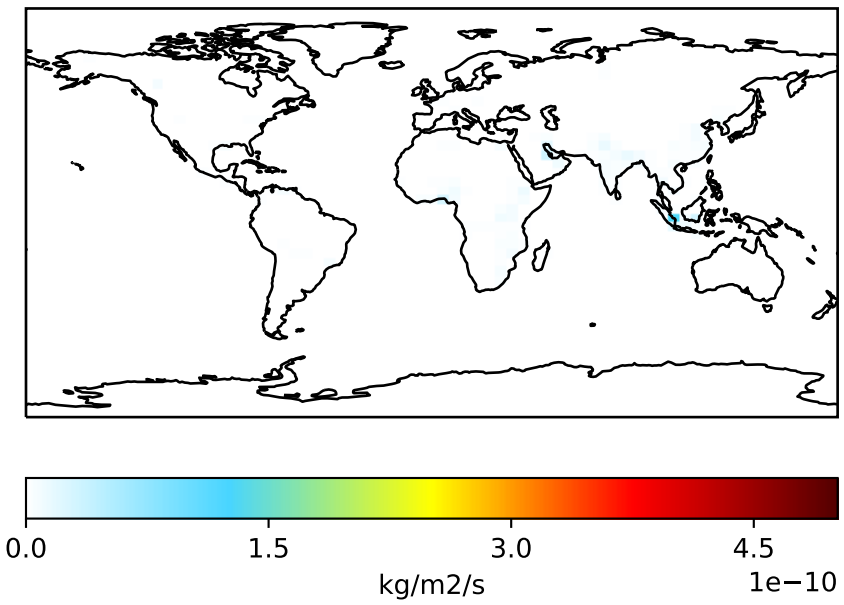



Ratio (1x1.25)
Dev/Ref, Fixed Range

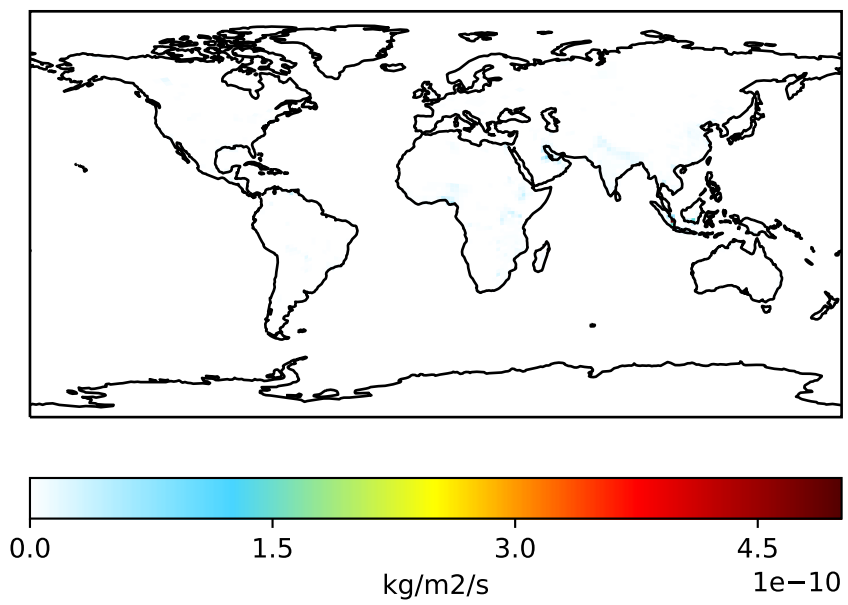


# EmisBENZ_Total (Oct2019)

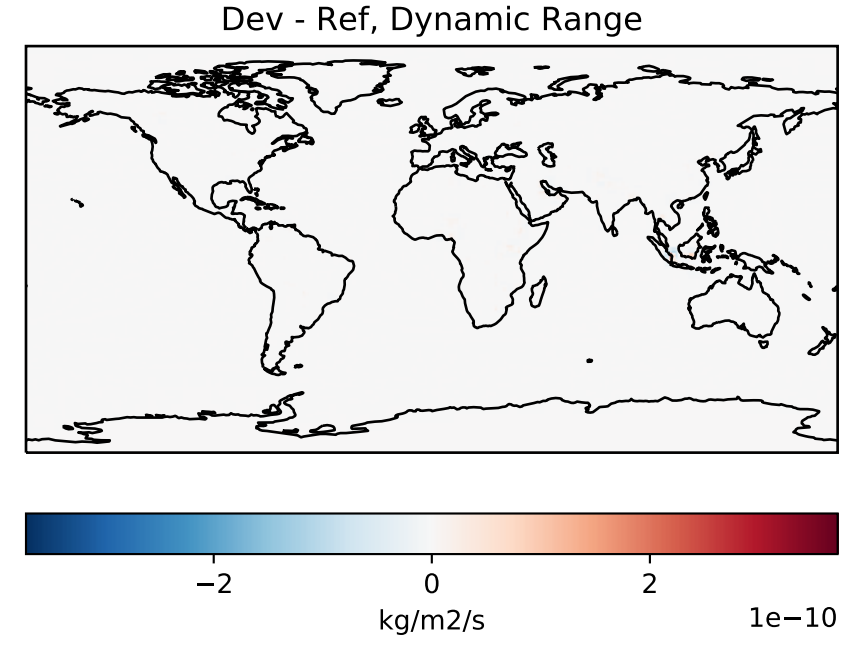
GCC_12.9.0 (Ref)
4.0x5.0



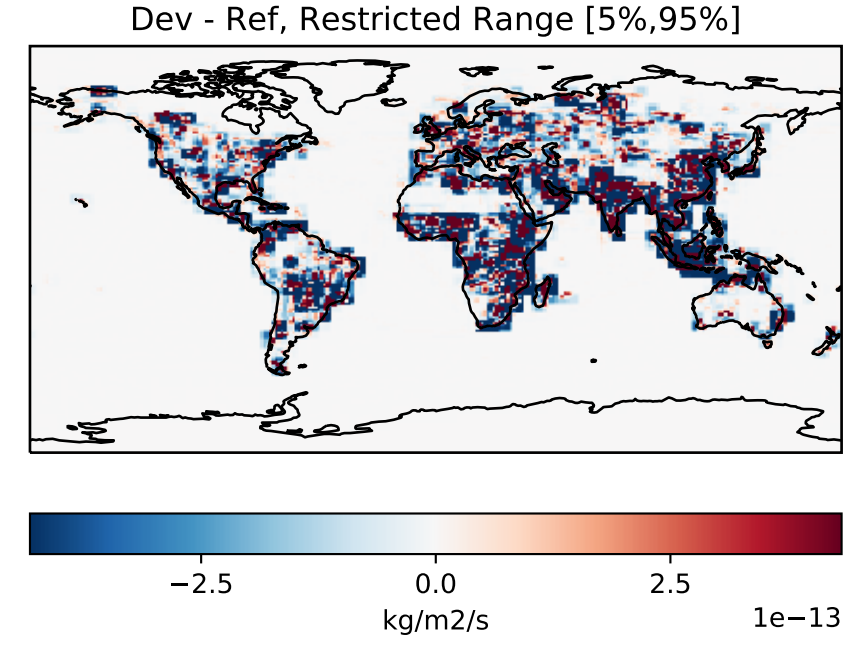

GCC_13.0.0-beta.1 (Dev)
c48



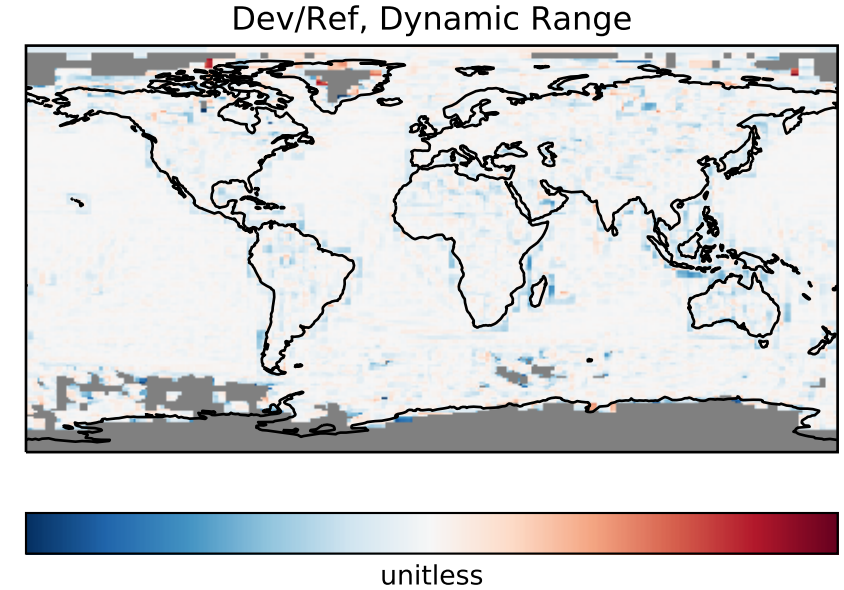

Difference (1x1.25)
Dev - Ref, Dynamic Range



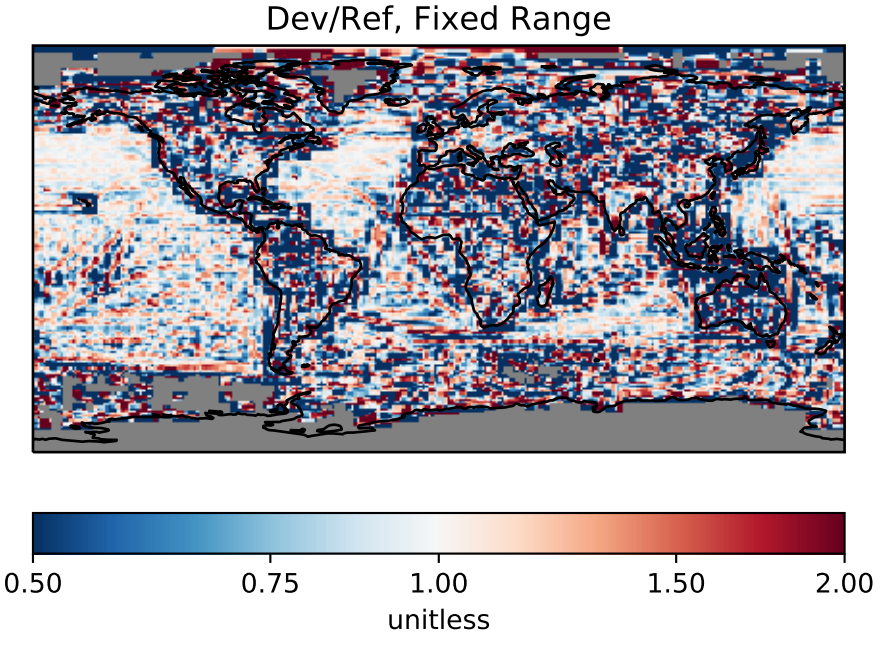

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

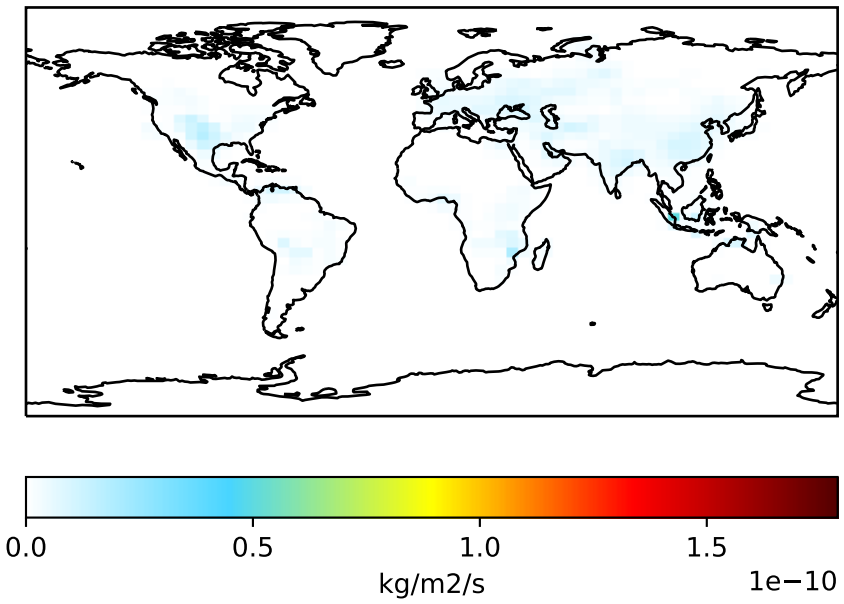



Ratio (1x1.25)
Dev/Ref, Fixed Range

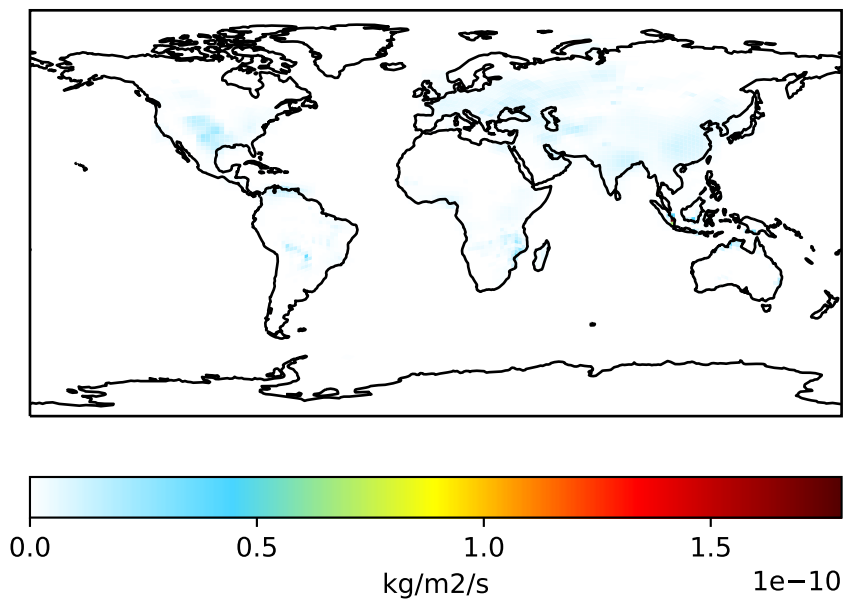


# EmisC2H6_Total (Oct2019)

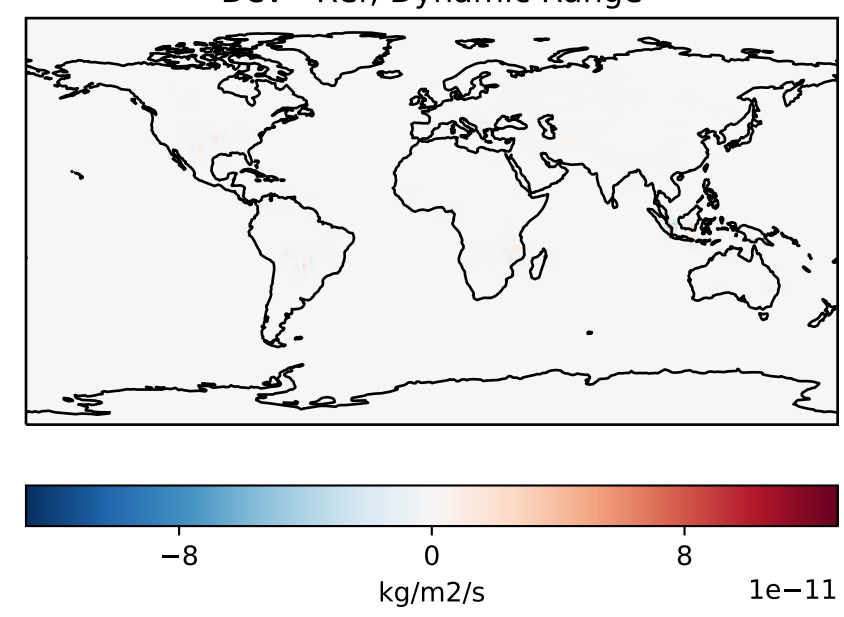
GCC_12.9.0 (Ref)
4.0x5.0



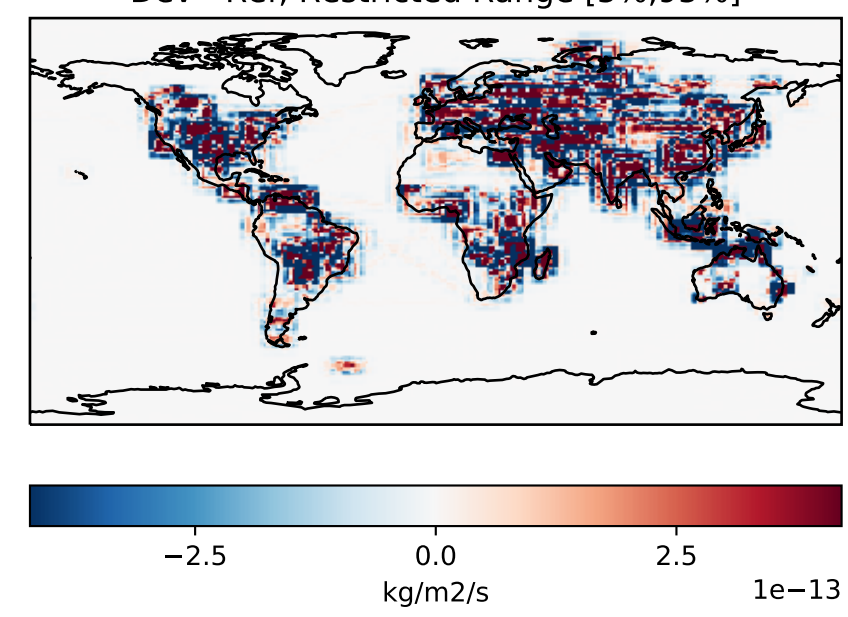

GCC_13.0.0-beta.1 (Dev)
c48



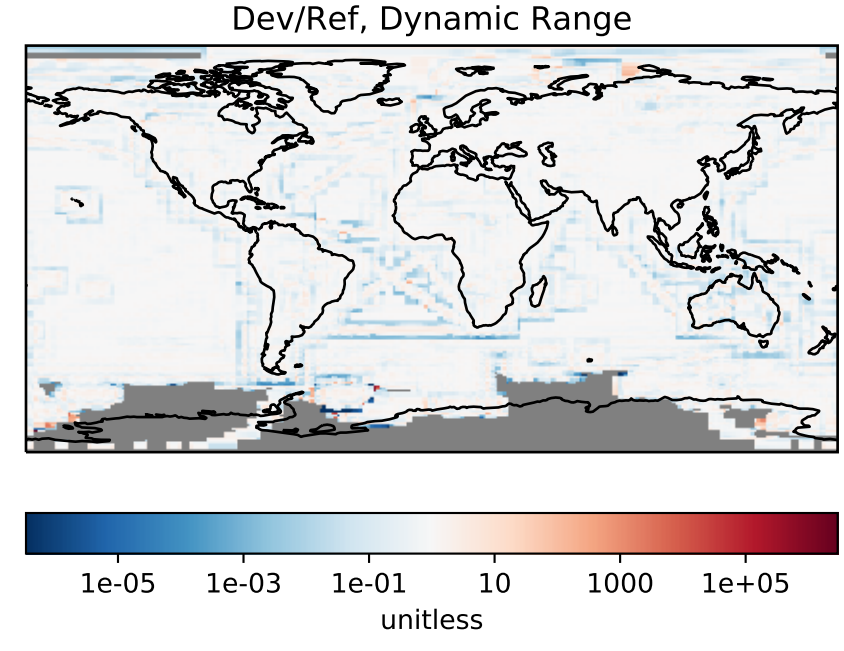

Difference (1x1.25)
Dev - Ref, Dynamic Range



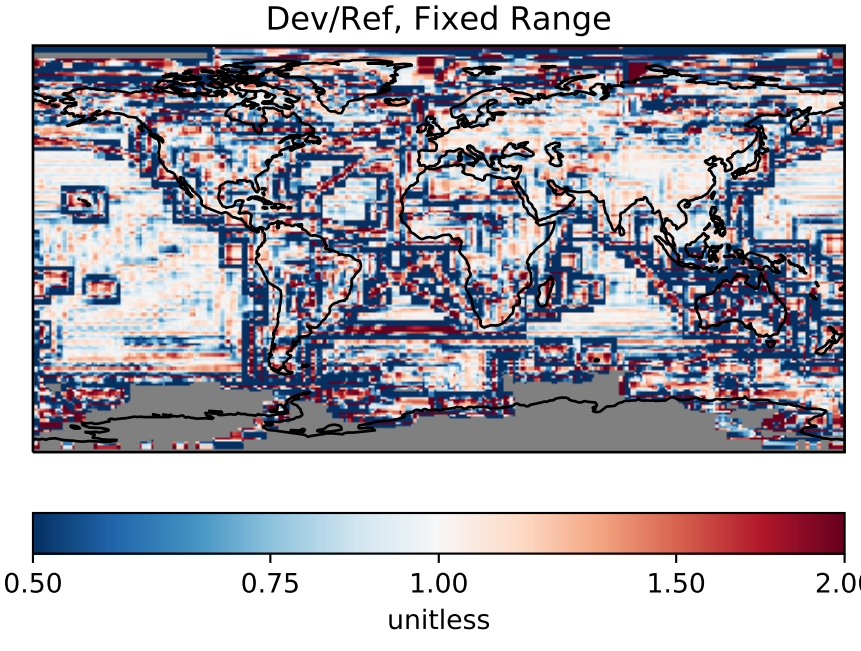

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

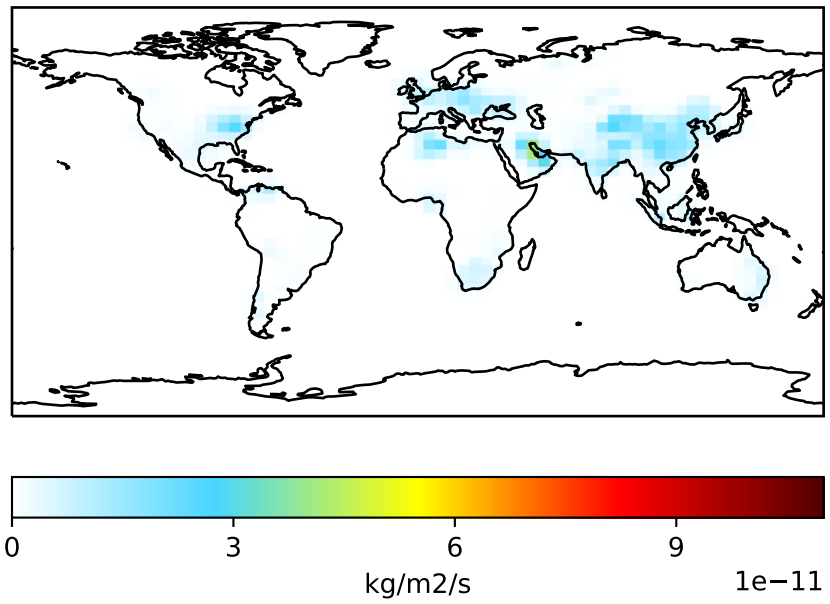



Ratio (1x1.25)
Dev/Ref, Fixed Range

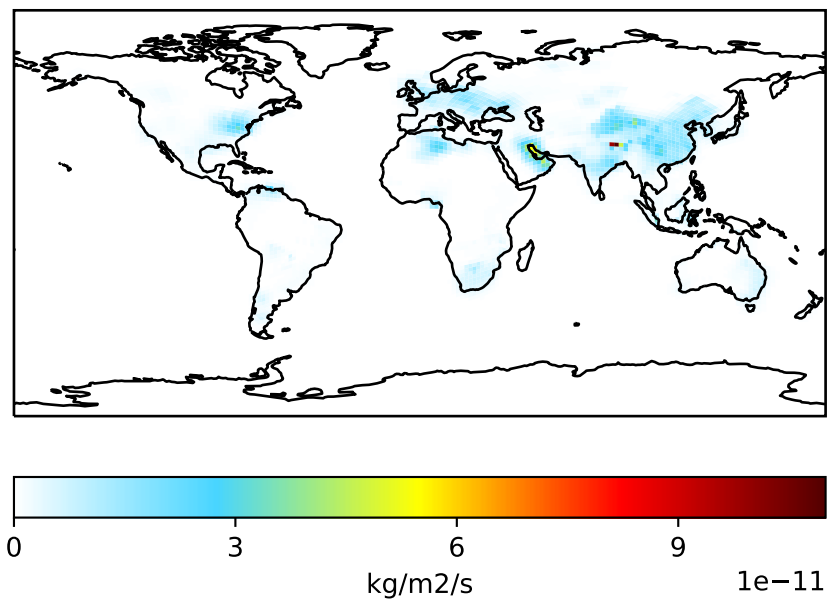


# EmisC3H8_Total (Oct2019)

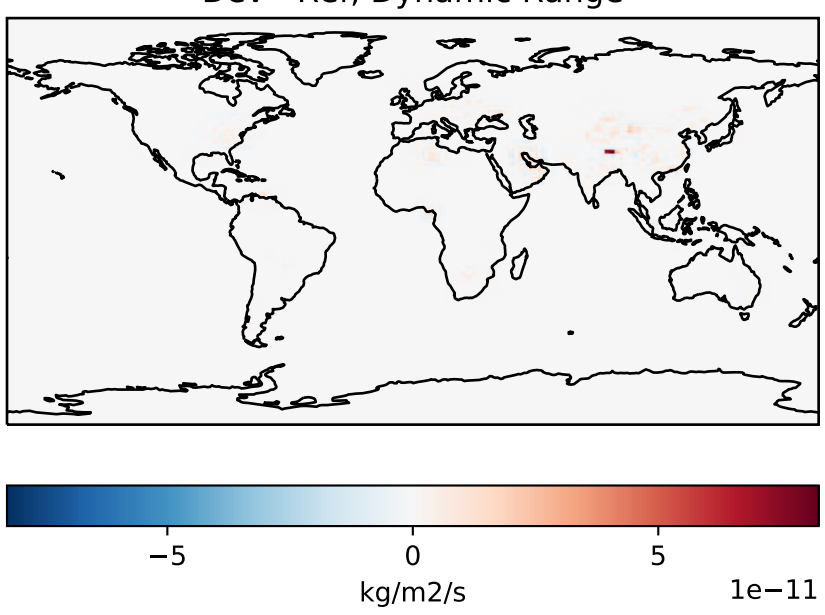
GCC_12.9.0 (Ref)
4.0x5.0



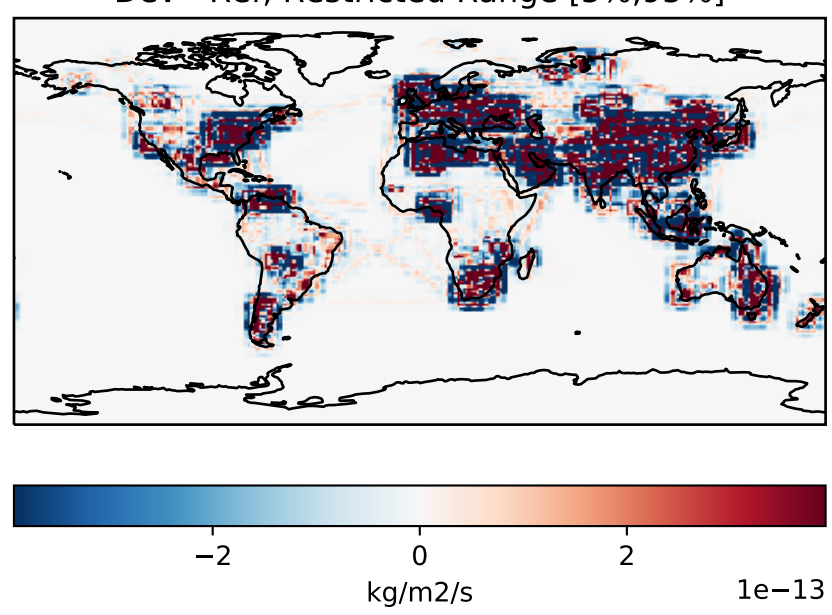

GCC_13.0.0-beta.1 (Dev)
c48



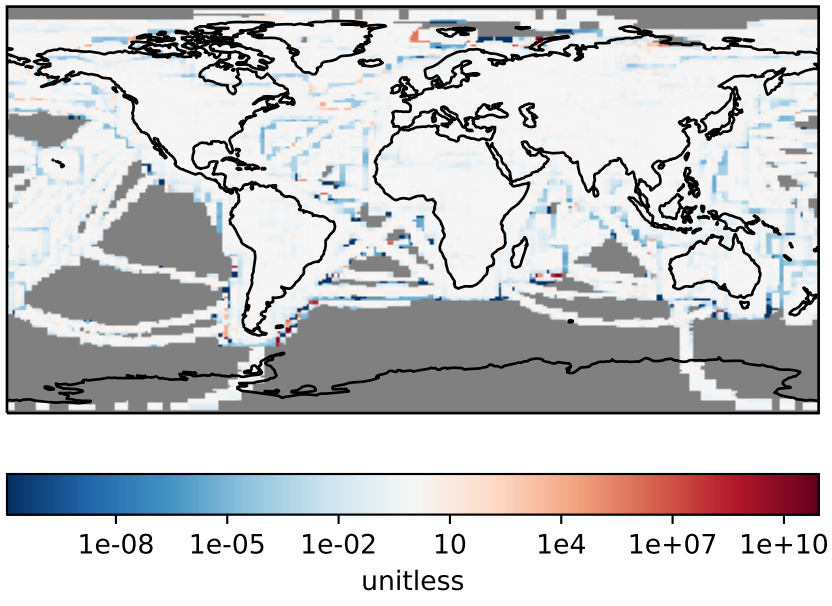

Difference (1x1.25)
Dev - Ref, Dynamic Range



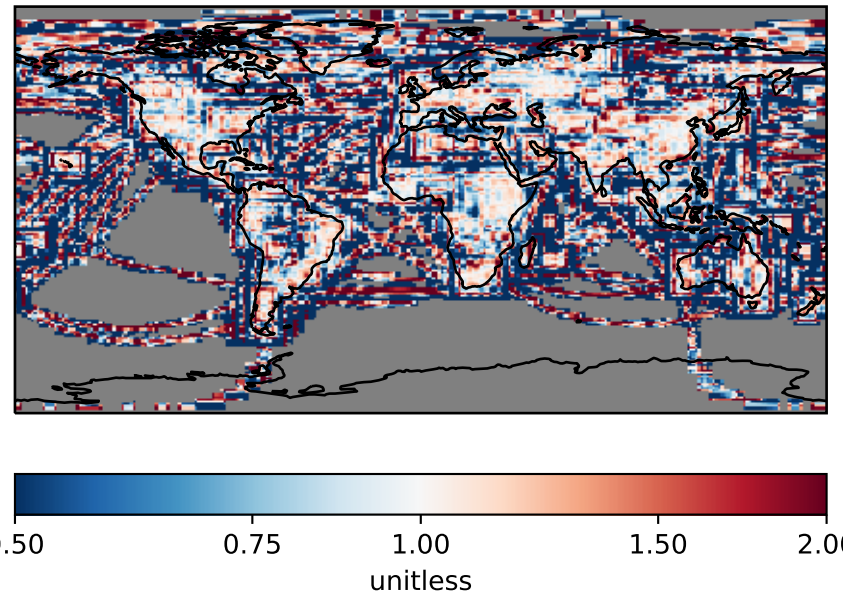

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

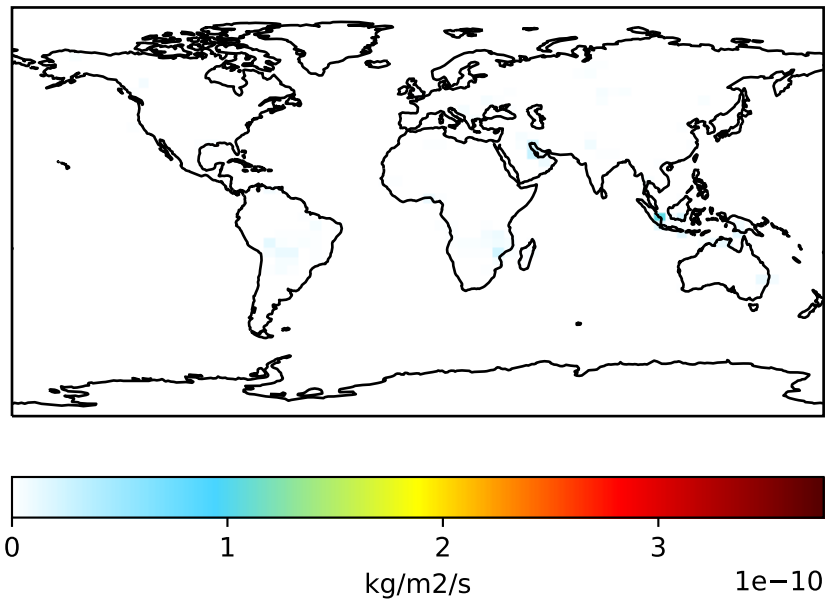



Ratio (1x1.25)
Dev/Ref, Fixed Range

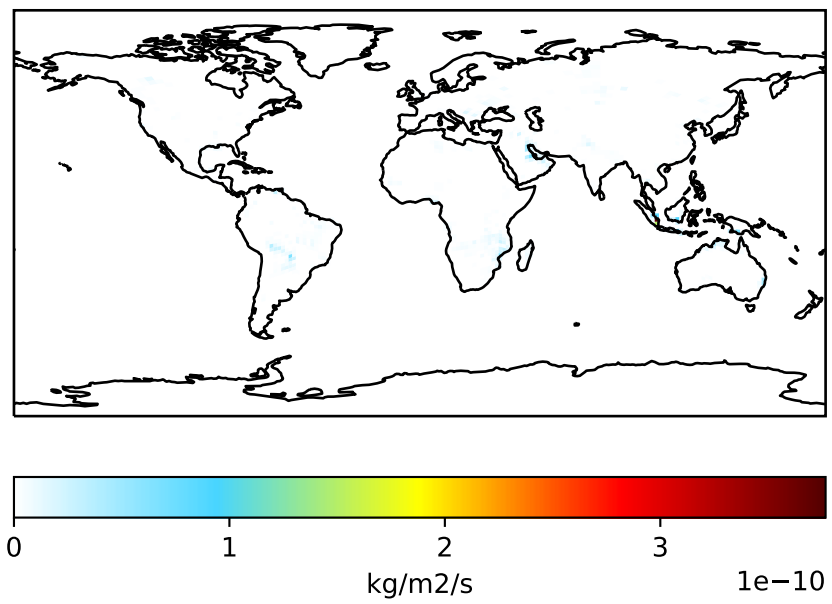


# EmisCH2O_Total (Oct2019)

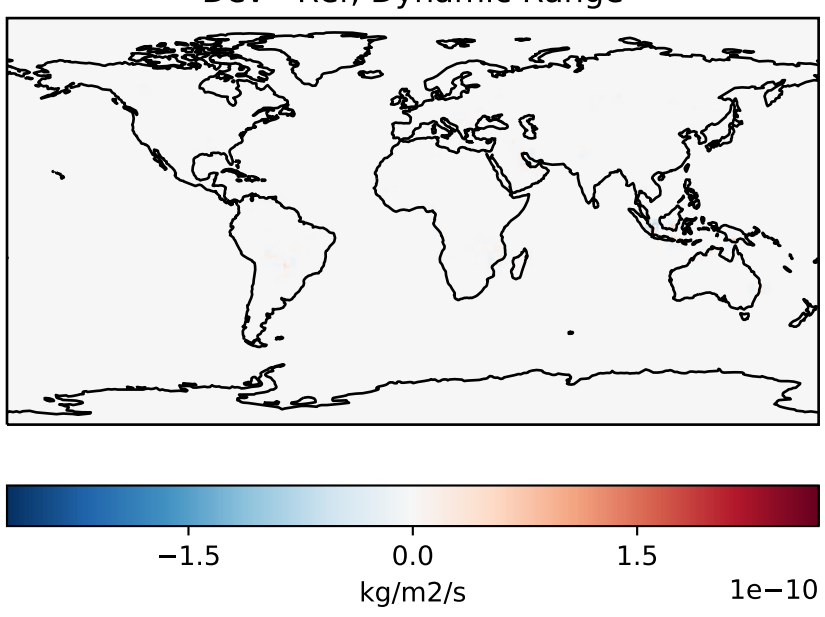
GCC_12.9.0 (Ref)
4.0x5.0



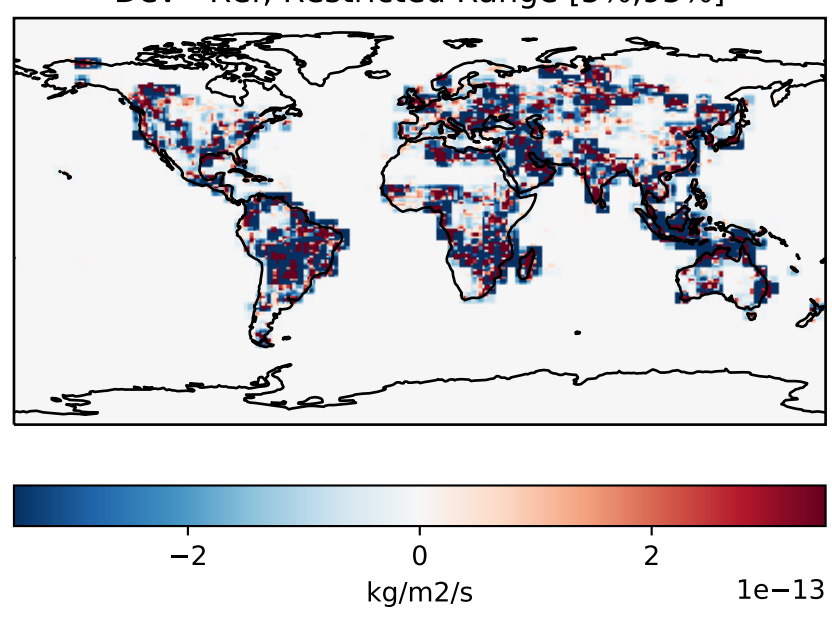

GCC_13.0.0-beta.1 (Dev)
c48



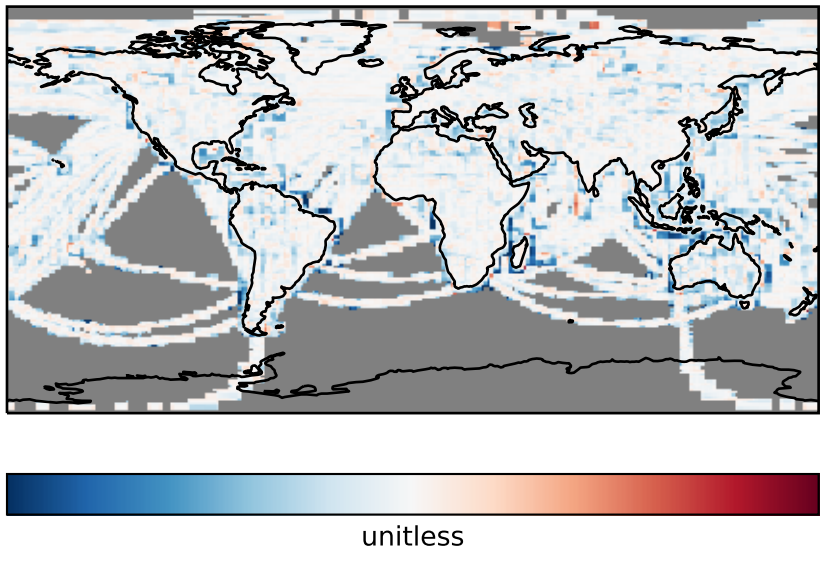

Difference (1x1.25)
Dev - Ref, Dynamic Range



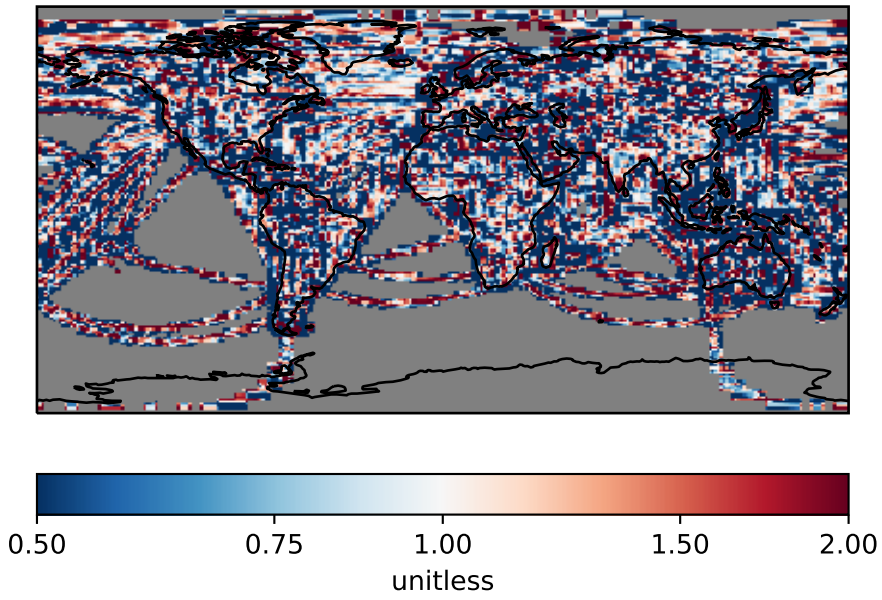

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

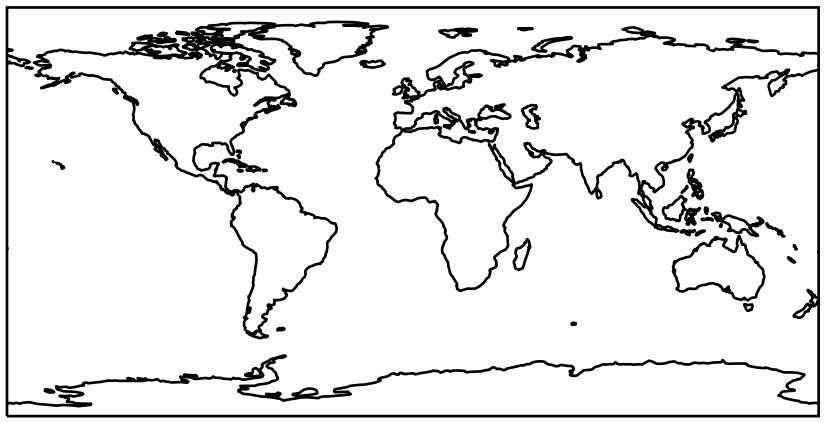



Ratio (1x1.25)
Dev/Ref, Fixed Range



# EmisCO2_Total (Oct2019)

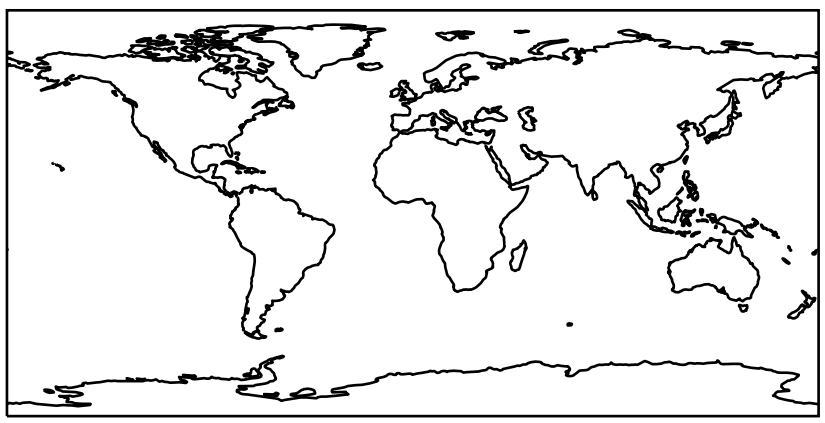
GCC_12.9.0 (Ref)
4.0x5.0





Zero throughout domain
kg/m2/s

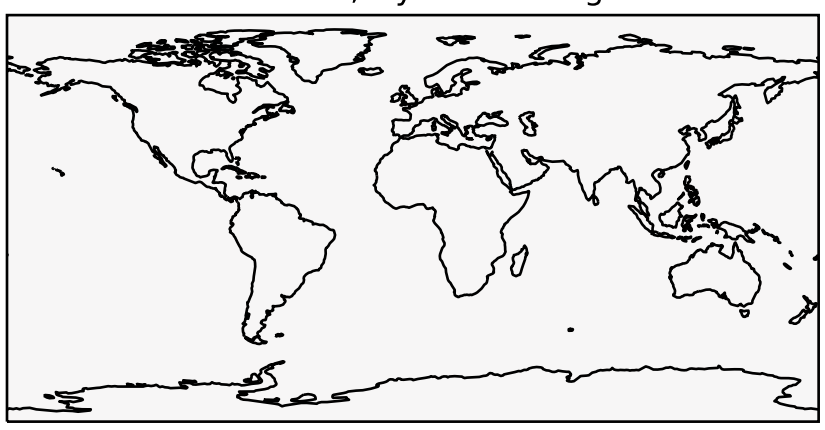
GCC_13.0.0-beta.1 (Dev)
c48





Zero throughout domain
kg/m2/s

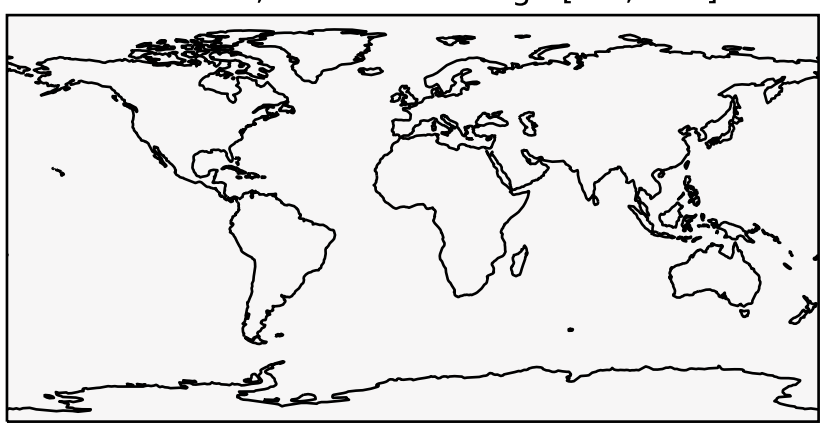
Difference (1x1.25)
Dev - Ref, Dynamic Range





Zero throughout domain
kg/m2/s

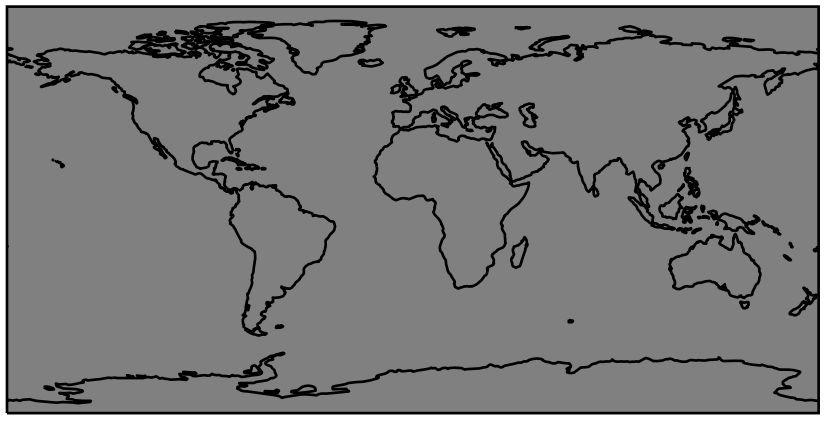
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]





Zero throughout domain
kg/m2/s

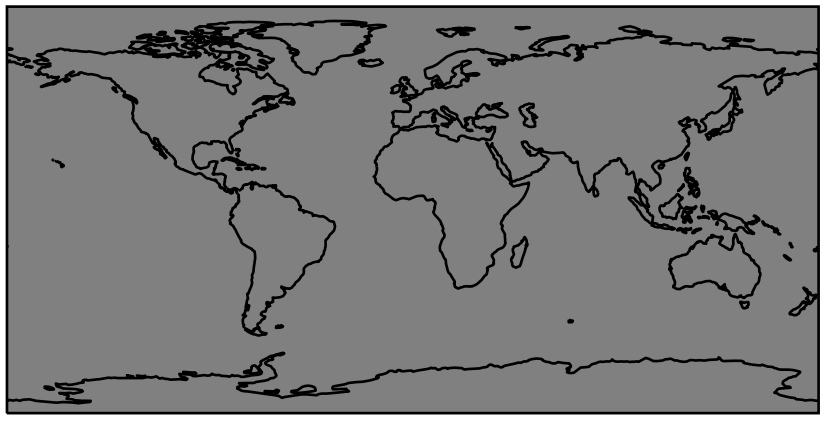
Ratio (1x1.25)
Dev/Ref, Dynamic Range





Undefined throughout domain
unitless

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

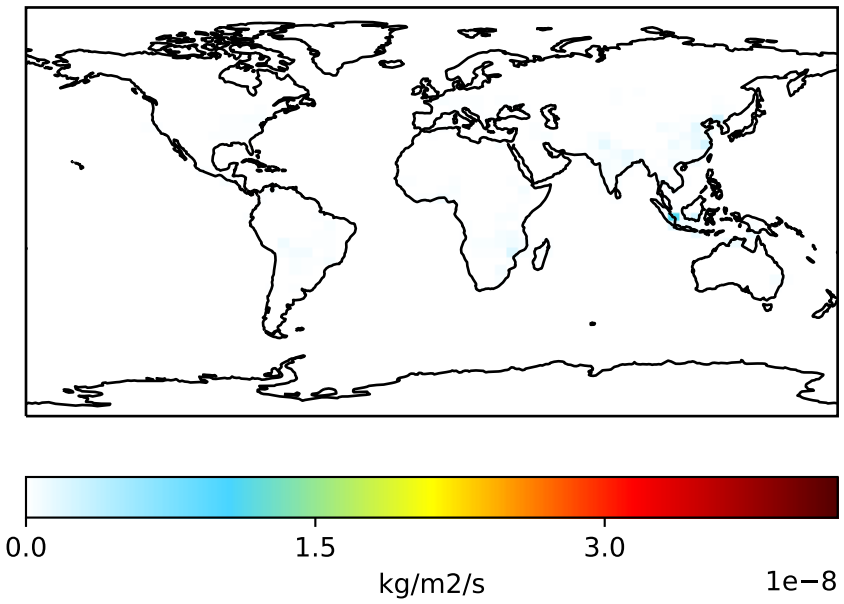




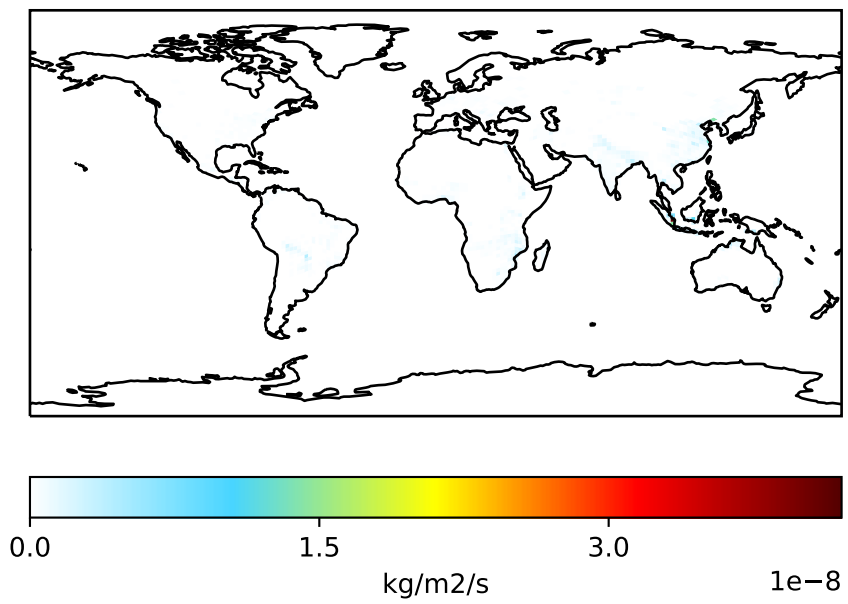
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# EmisCO_Total (Oct2019)

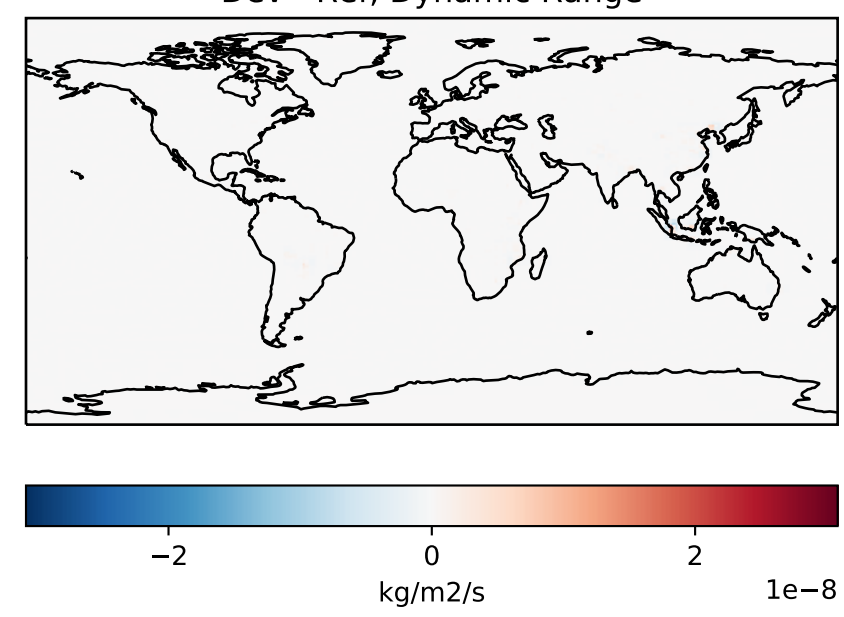
GCC_12.9.0 (Ref)
4.0x5.0



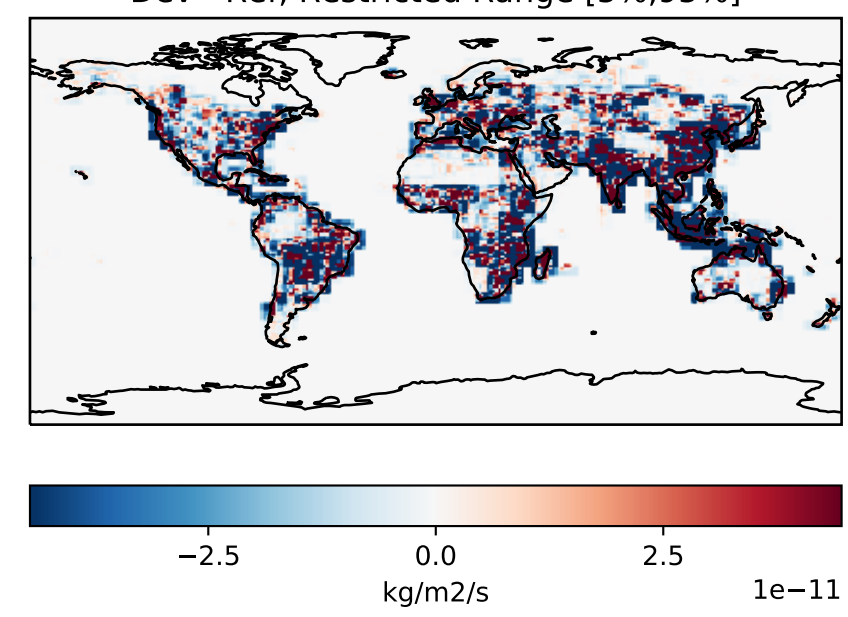

GCC_13.0.0-beta.1 (Dev)
c48



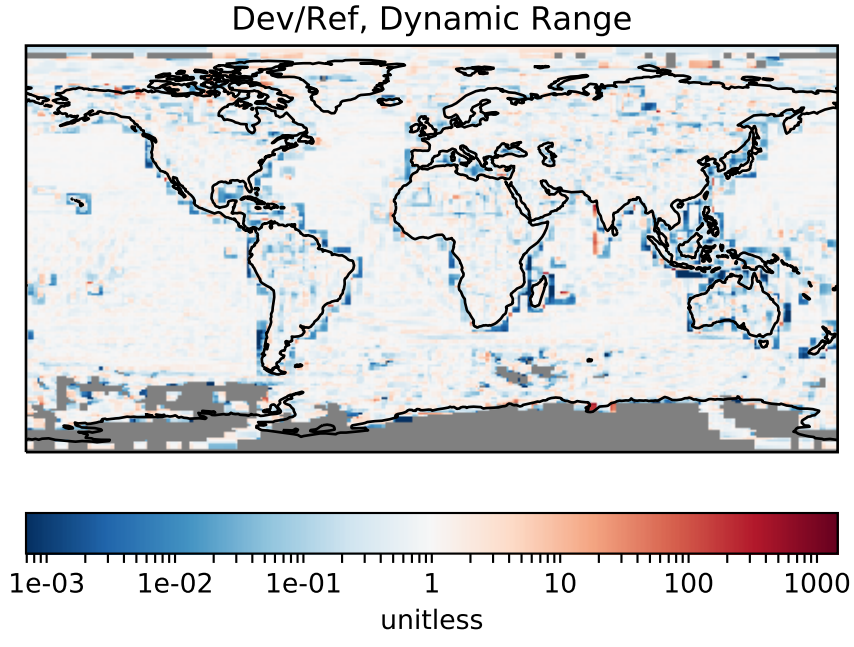

Difference (1x1.25)
Dev - Ref, Dynamic Range



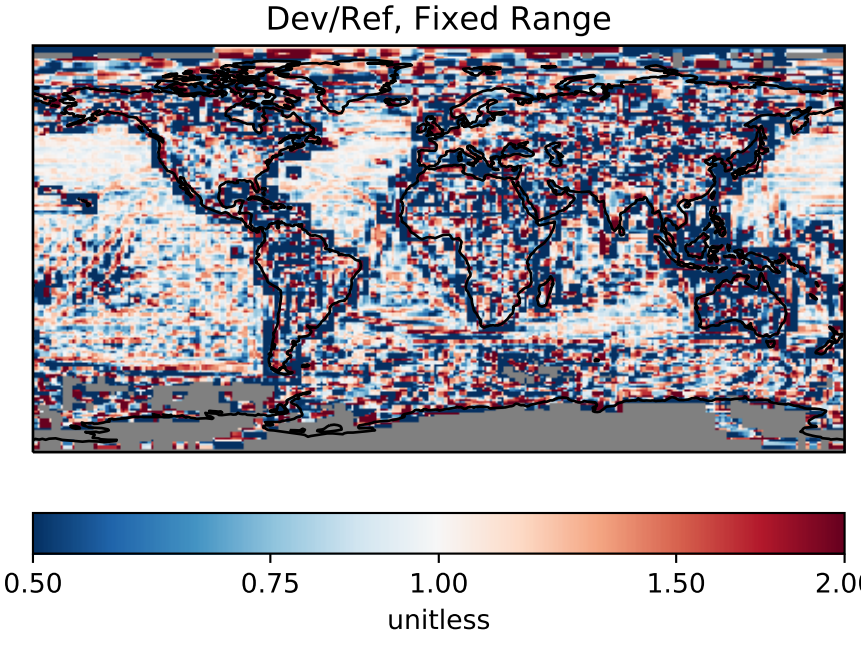

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

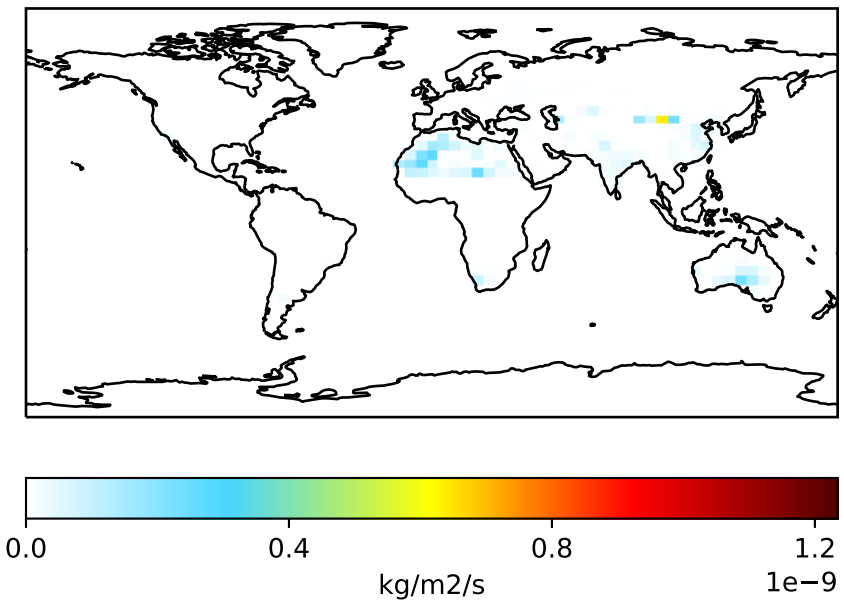



Ratio (1x1.25)
Dev/Ref, Fixed Range

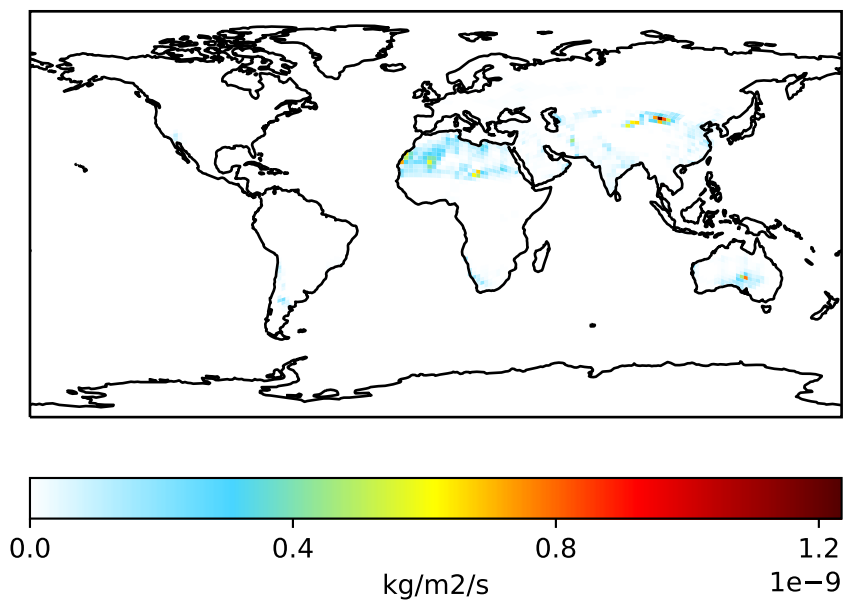


# EmisDST1_Total (Oct2019)

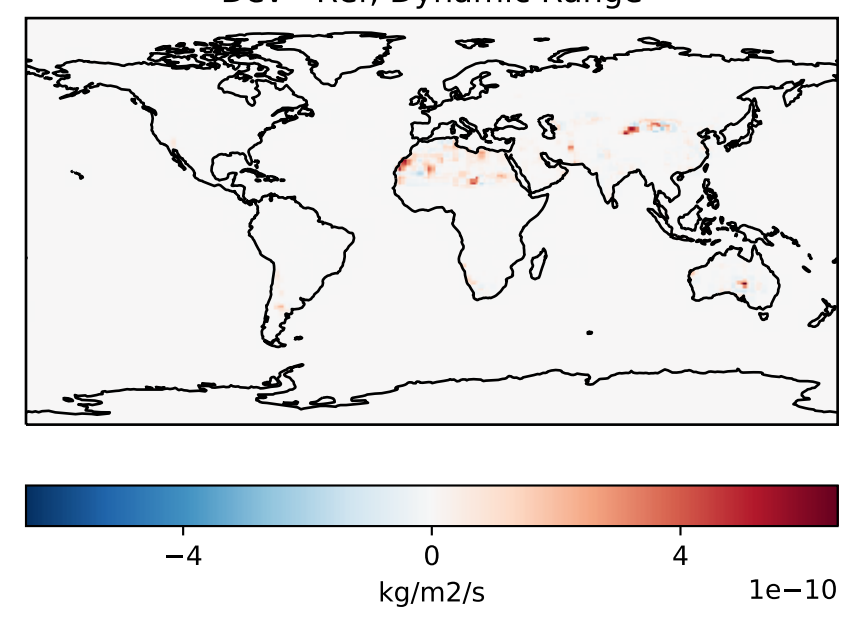
GCC_12.9.0 (Ref)
4.0x5.0



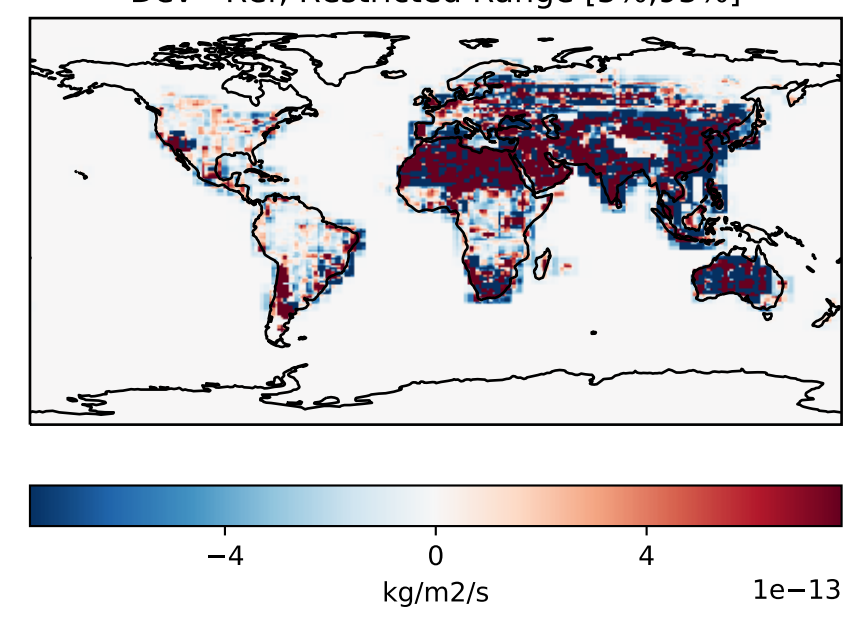

GCC_13.0.0-beta.1 (Dev)
c48



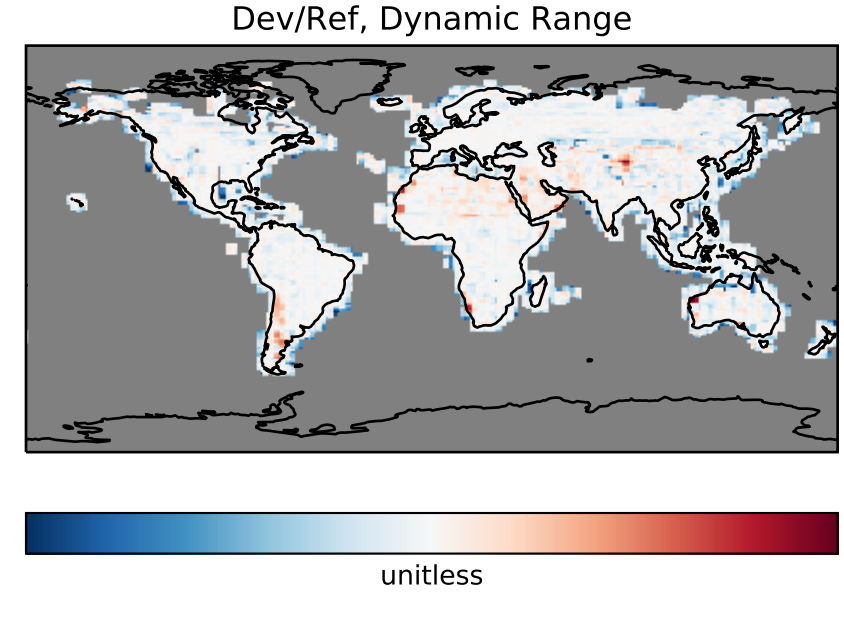

Difference (1x1.25)
Dev - Ref, Dynamic Range



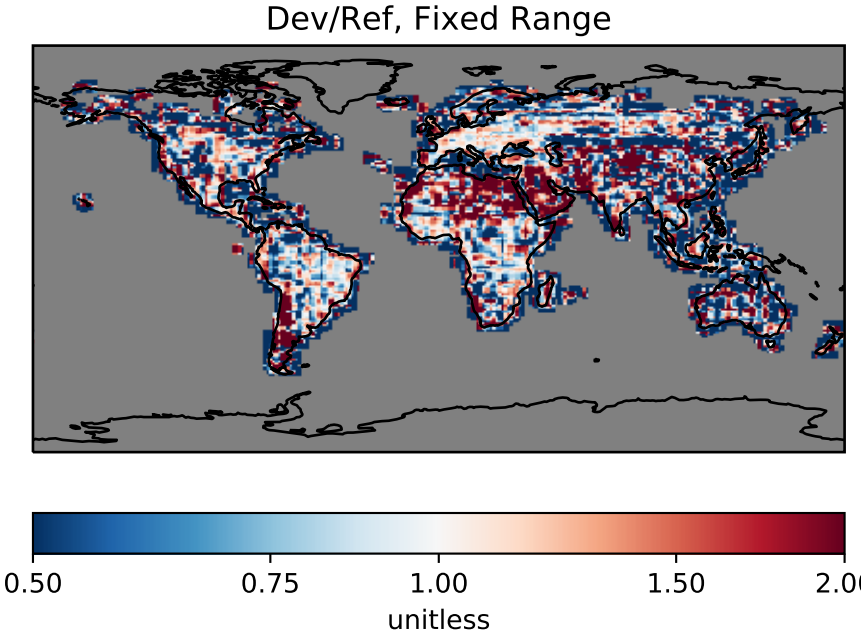

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

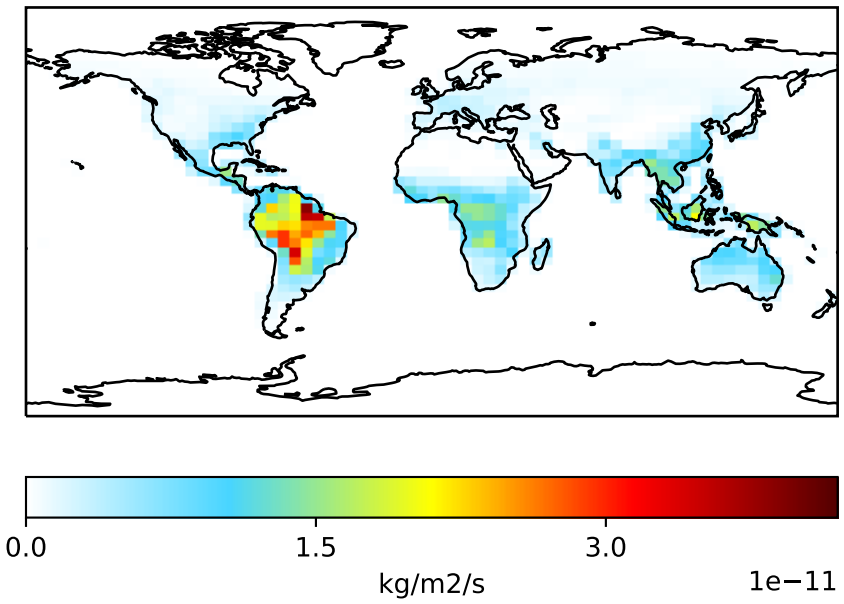



Ratio (1x1.25)
Dev/Ref, Fixed Range

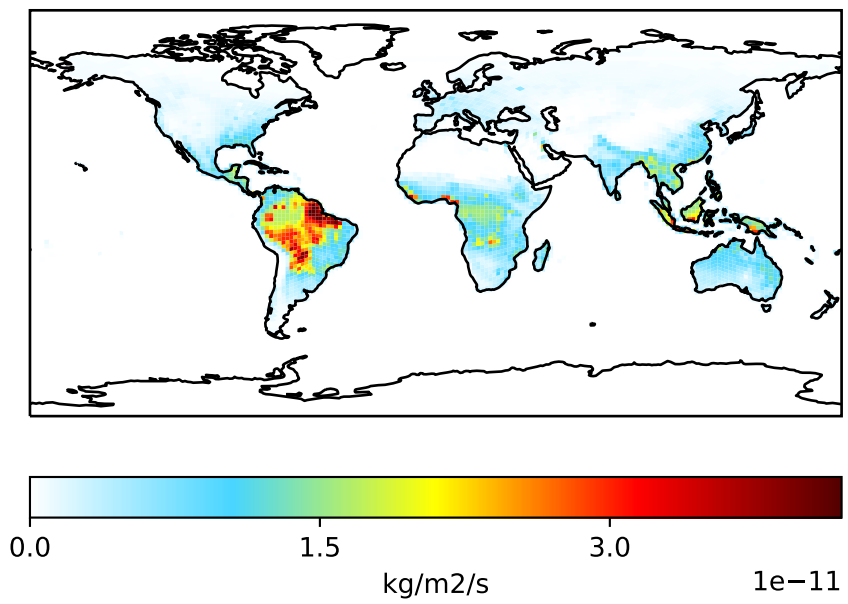


# EmisEOH_Total (Oct2019)

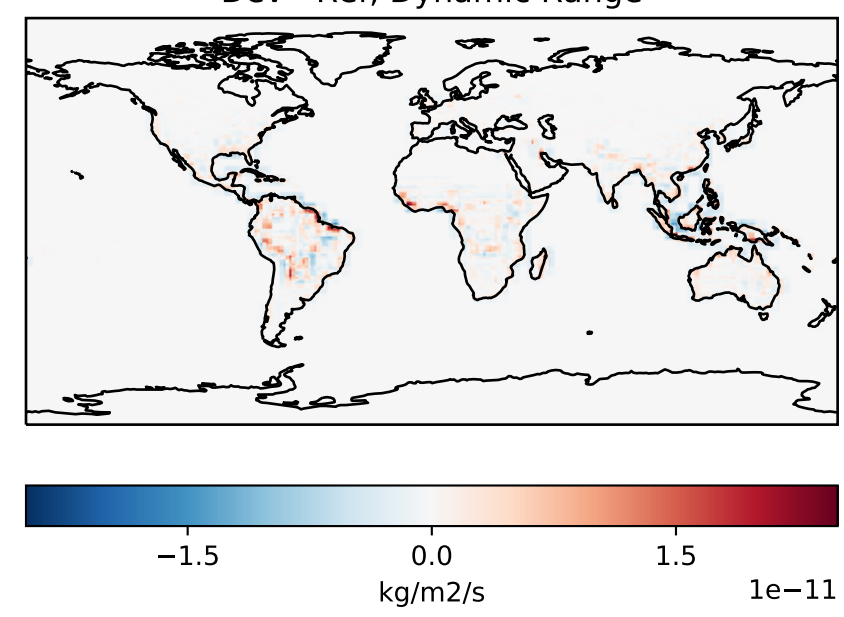
GCC_12.9.0 (Ref)
4.0x5.0



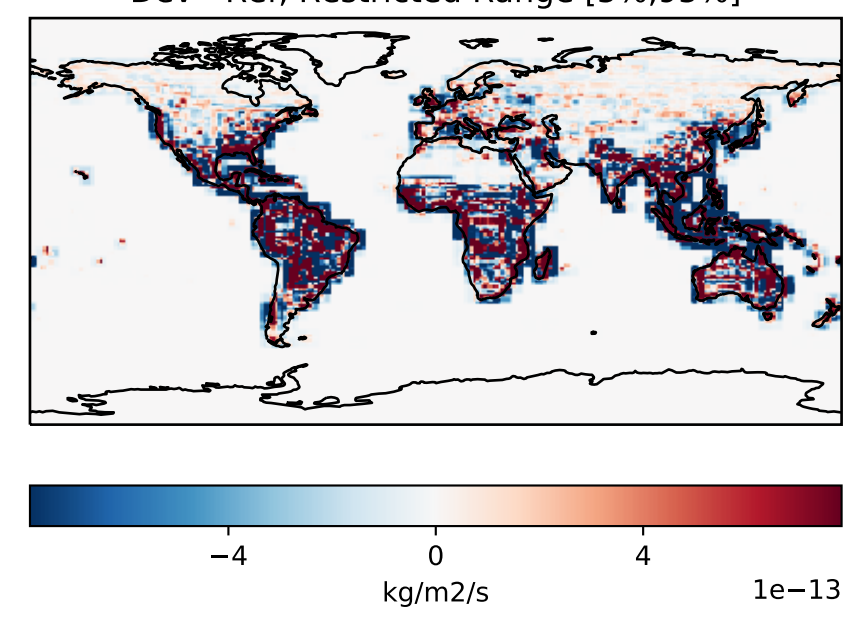

GCC_13.0.0-beta.1 (Dev)
c48



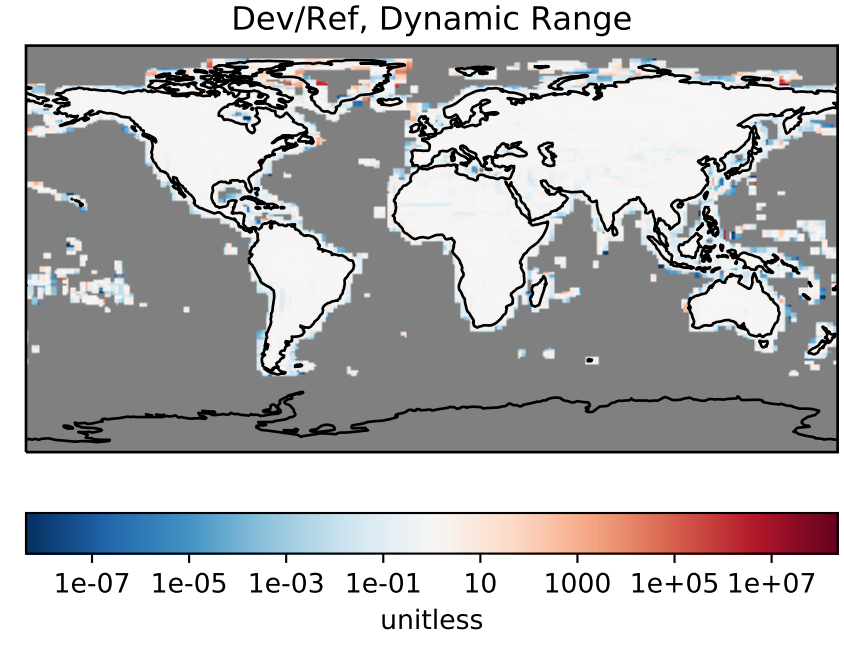

Difference (1x1.25)
Dev - Ref, Dynamic Range



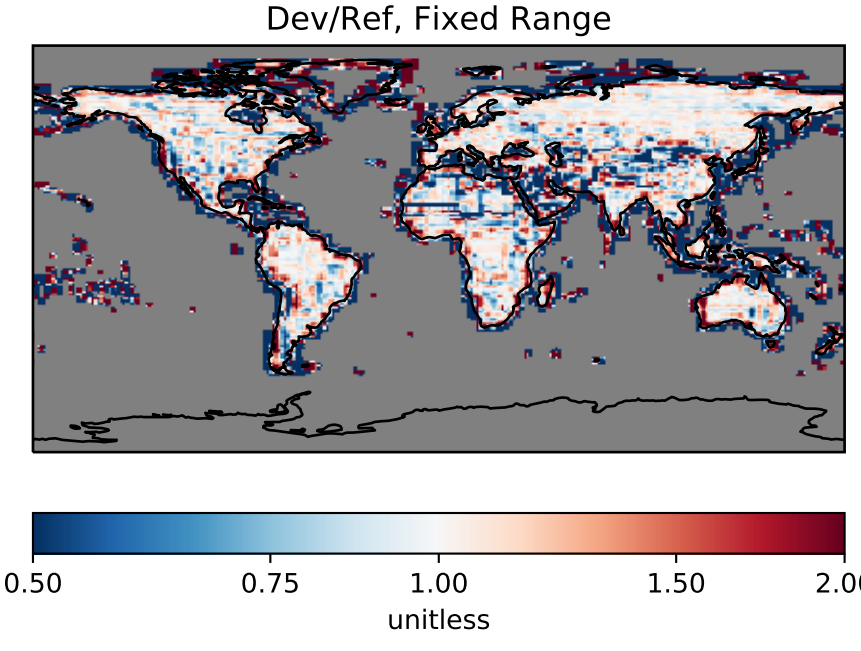

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

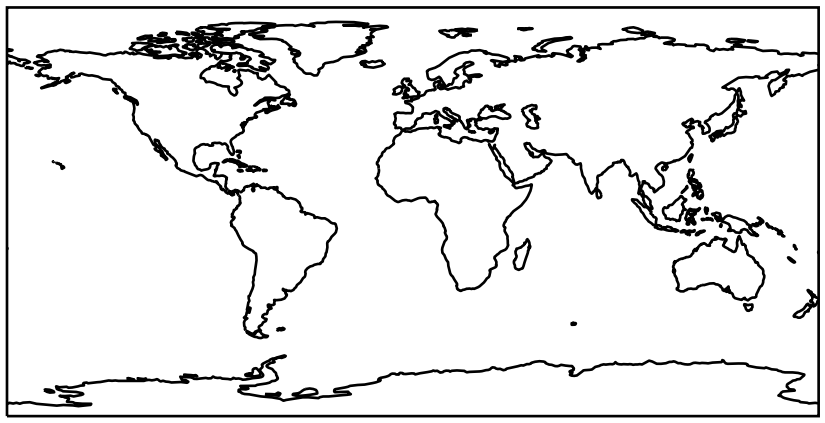



Ratio (1x1.25)
Dev/Ref, Fixed Range



# EmisGLYC_Total (Oct2019)

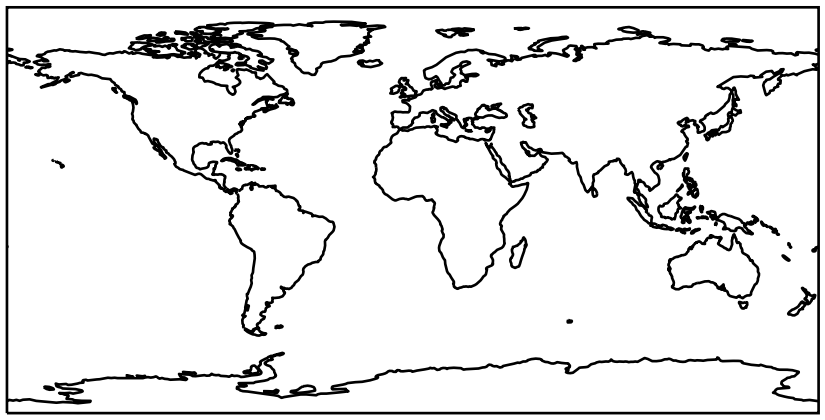
GCC_12.9.0 (Ref)
4.0x5.0





Zero throughout domain
kg/m2/s

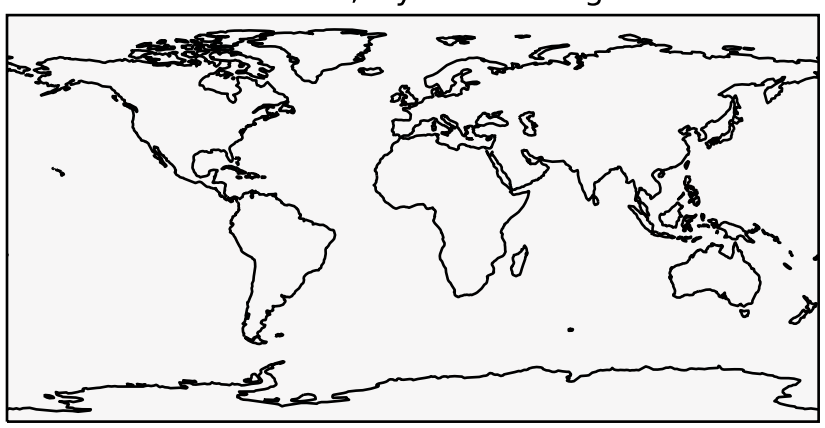
GCC_13.0.0-beta.1 (Dev)
c48





Zero throughout domain
kg/m2/s

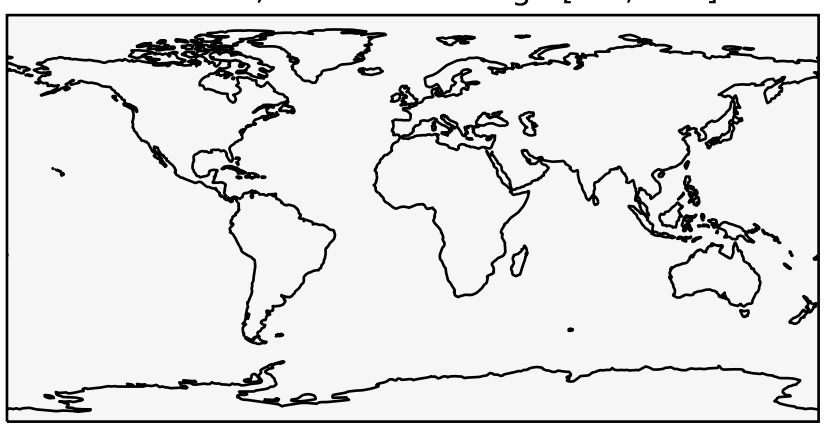
Difference (1x1.25)
Dev - Ref, Dynamic Range





Zero throughout domain
kg/m2/s

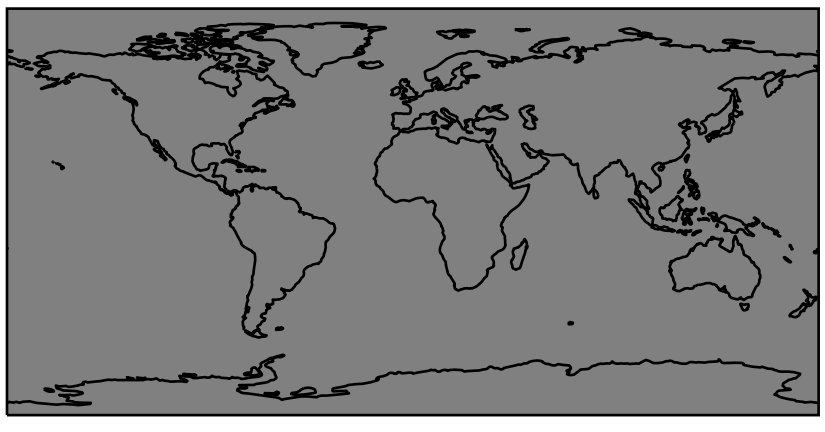
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]





Zero throughout domain
kg/m2/s

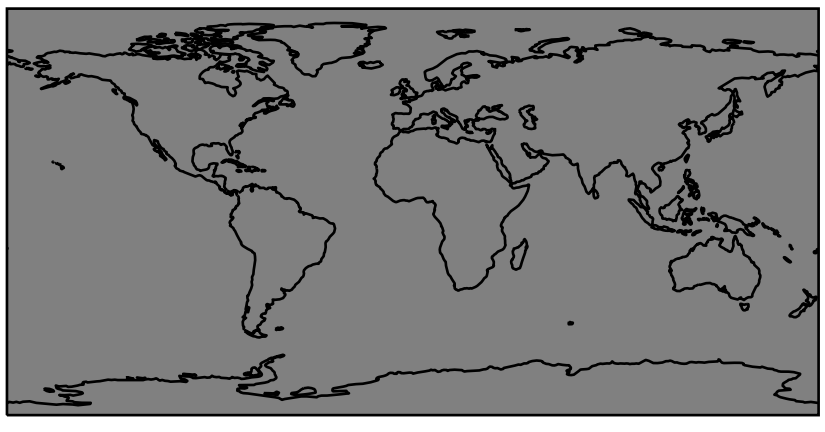
Ratio (1x1.25)
Dev/Ref, Dynamic Range





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unitless

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

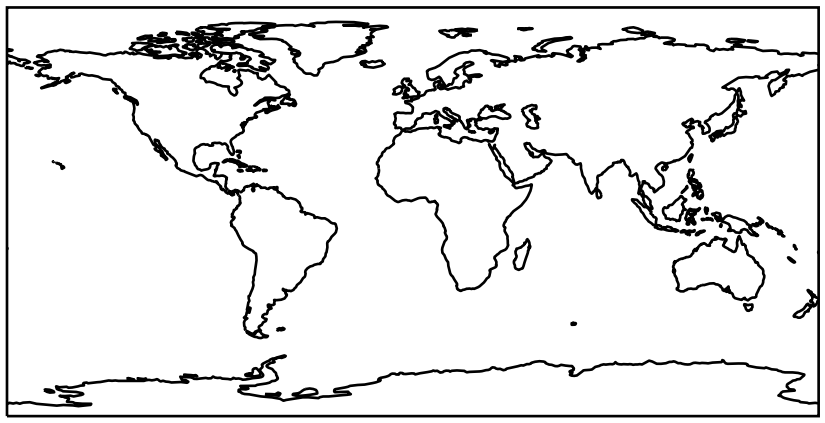




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unitless

# EmisHAC_Total (Oct2019)

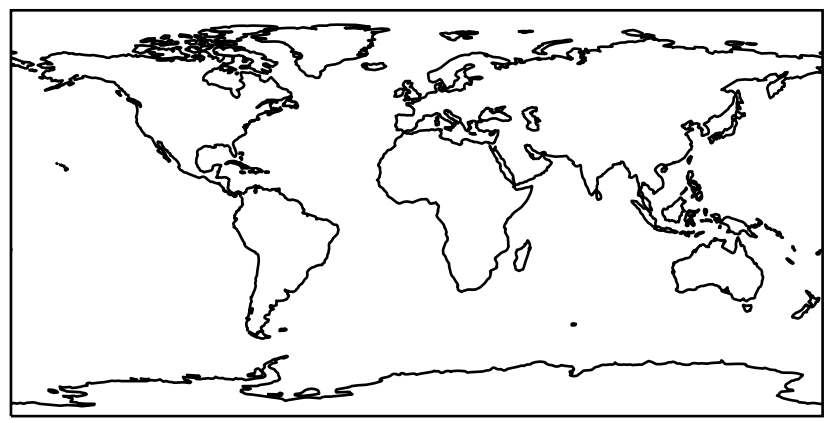
GCC_12.9.0 (Ref)
4.0x5.0





Zero throughout domain
kg/m2/s

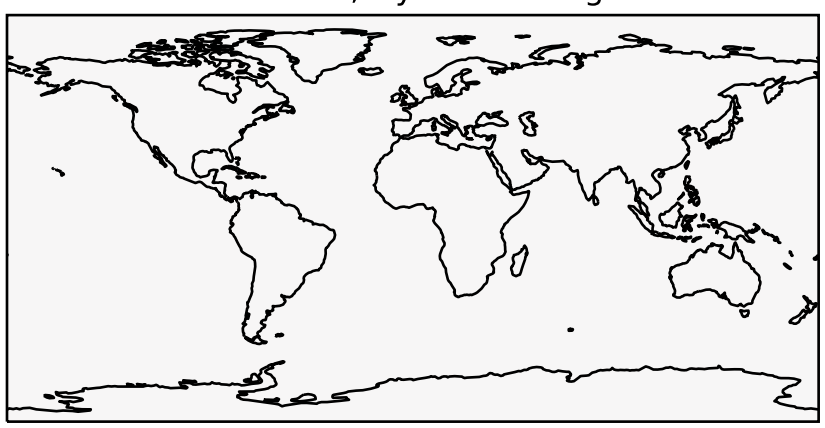
GCC_13.0.0-beta.1 (Dev)
c48





Zero throughout domain
kg/m2/s

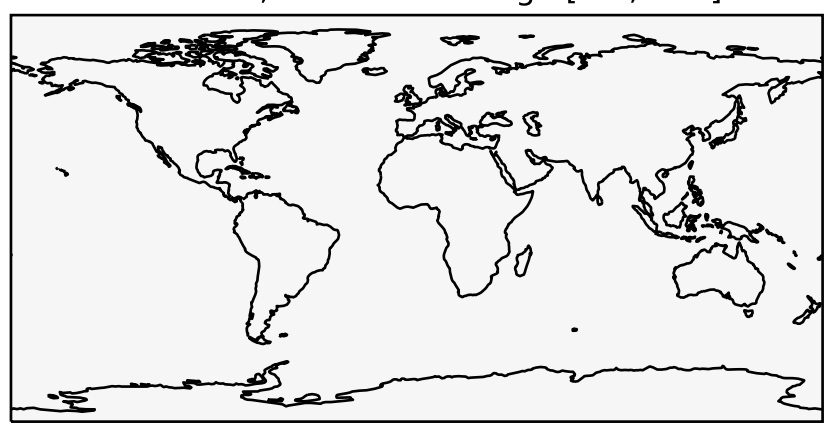
Difference (1x1.25)
Dev - Ref, Dynamic Range





Zero throughout domain
kg/m2/s

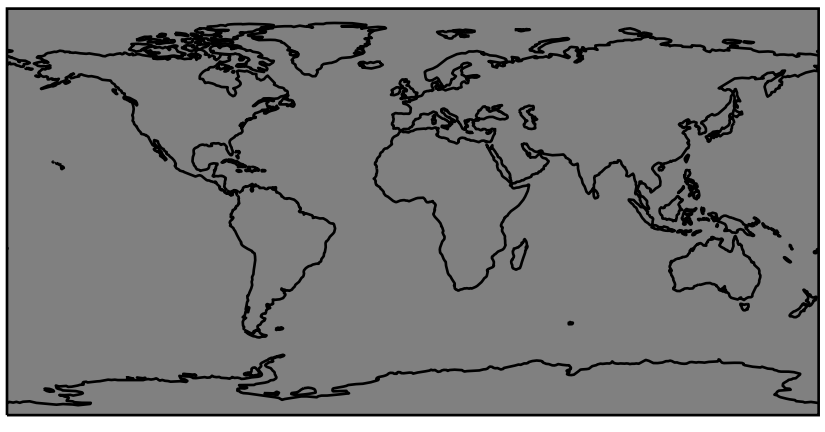
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]





Zero throughout domain
kg/m2/s

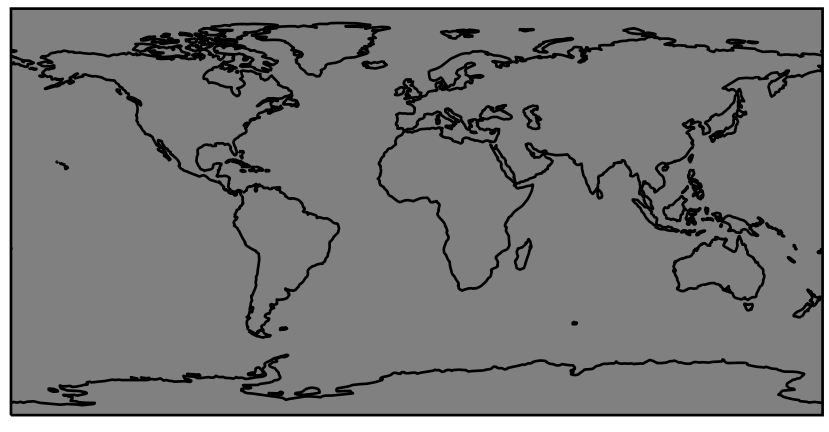
Ratio (1x1.25)
Dev/Ref, Dynamic Range





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unitless

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

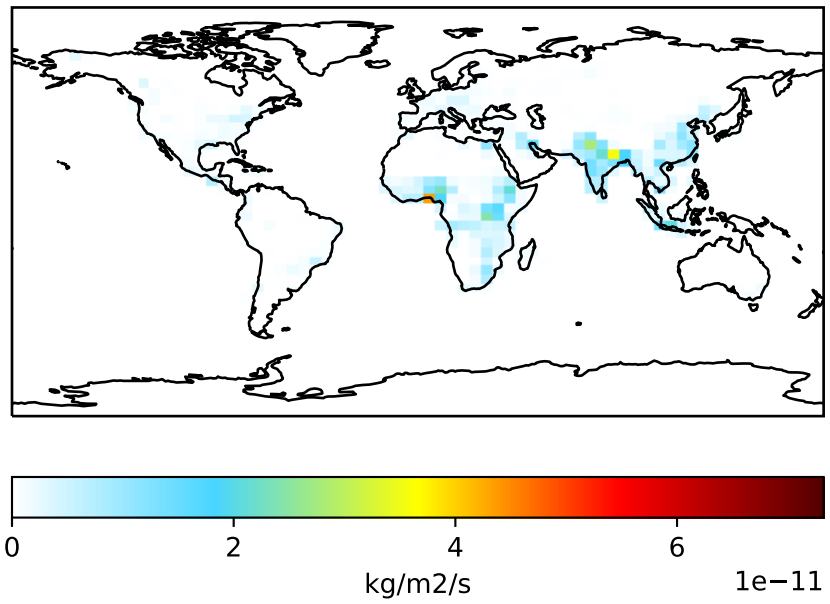




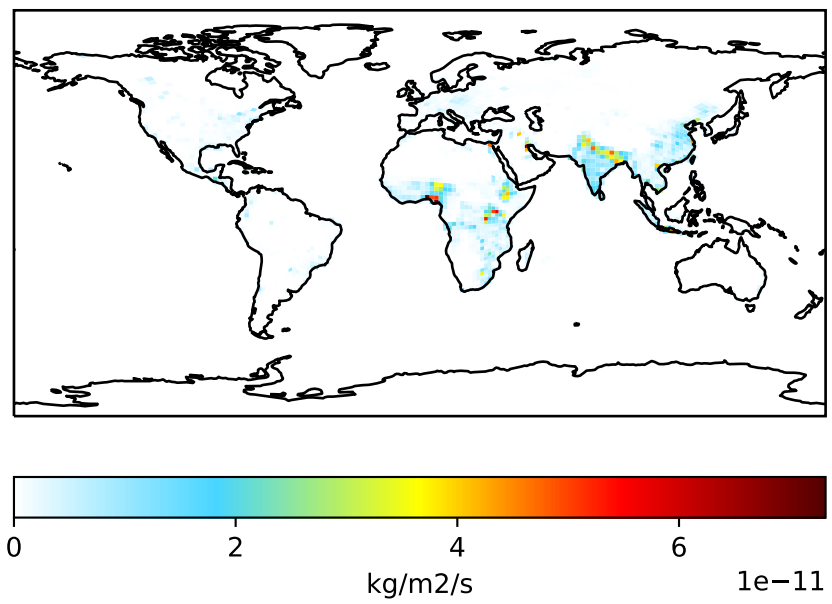
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# EmisHCOOH_Total (Oct2019)

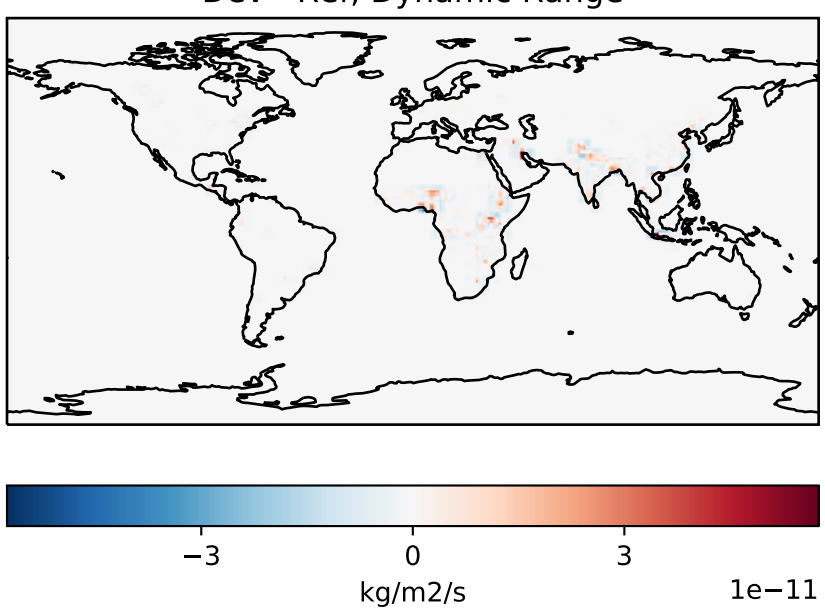
GCC_12.9.0 (Ref)
4.0x5.0



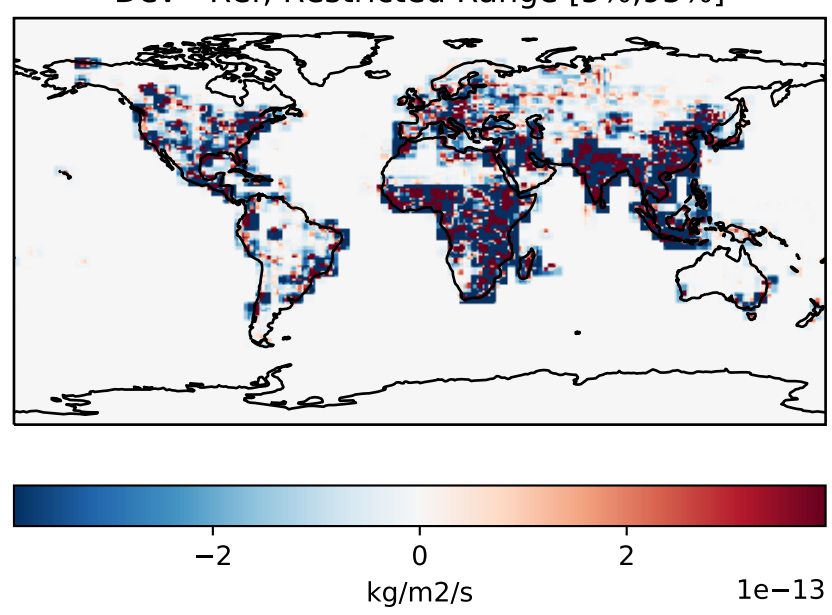

GCC_13.0.0-beta.1 (Dev)
c48



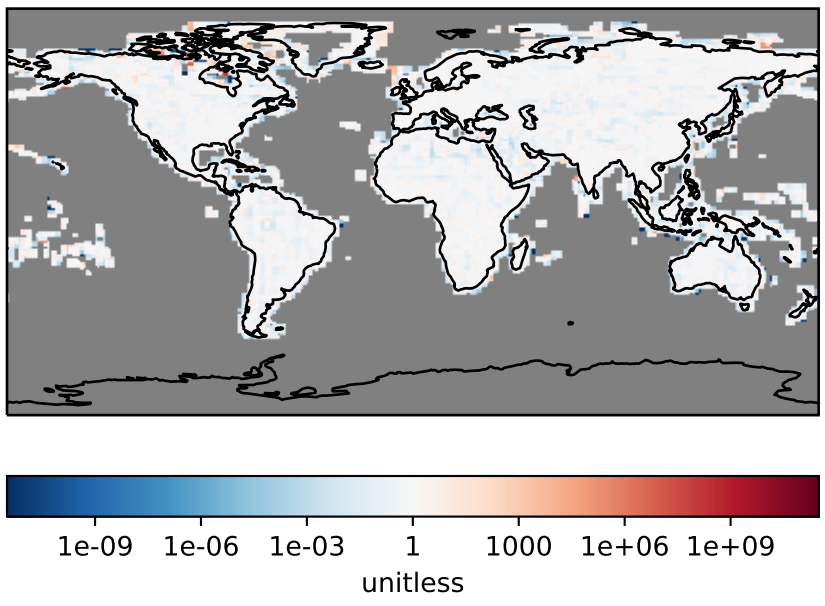

Difference (1x1.25)
Dev - Ref, Dynamic Range



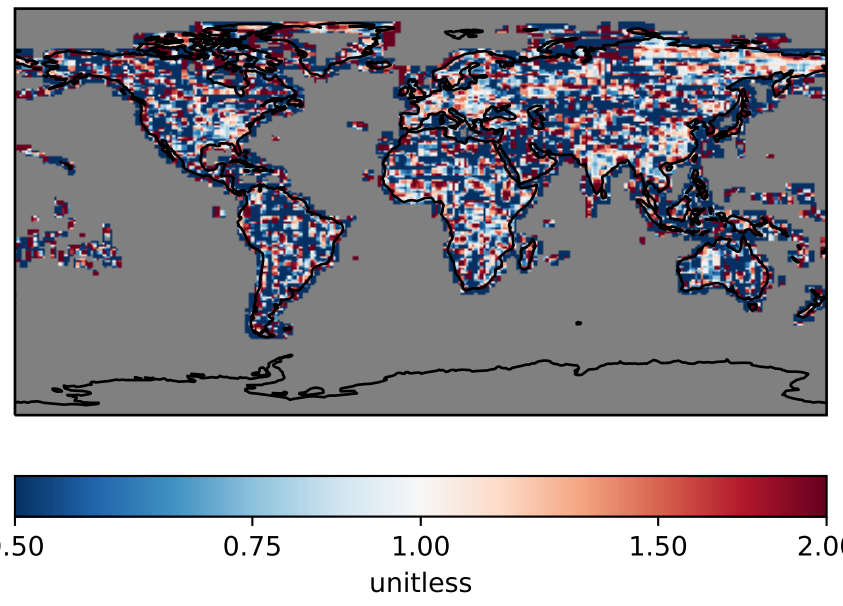

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

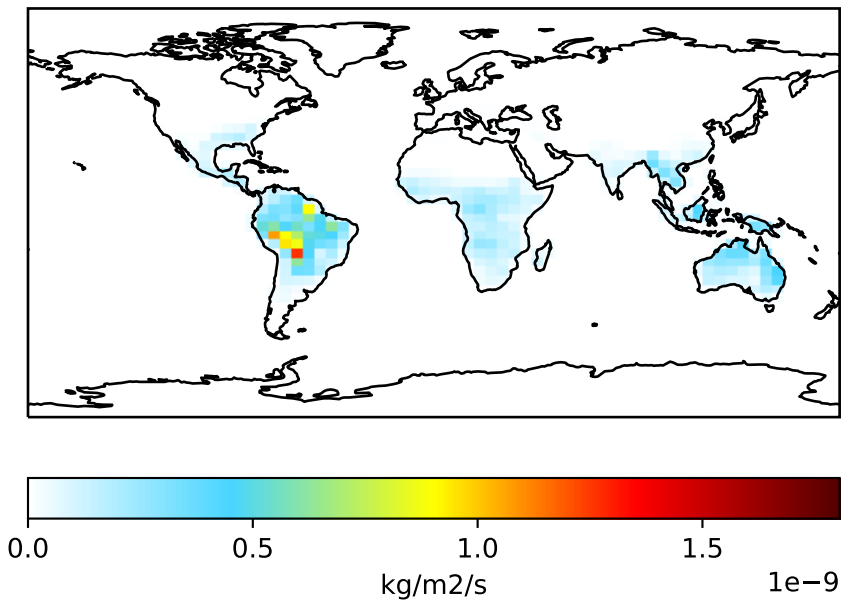



Ratio (1x1.25)
Dev/Ref, Fixed Range

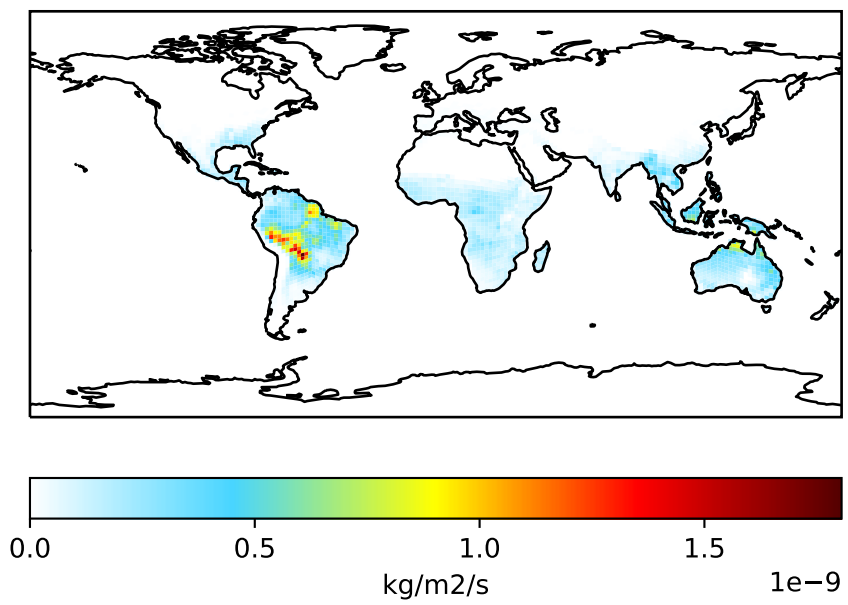


# EmisISOP_Total (Oct2019)

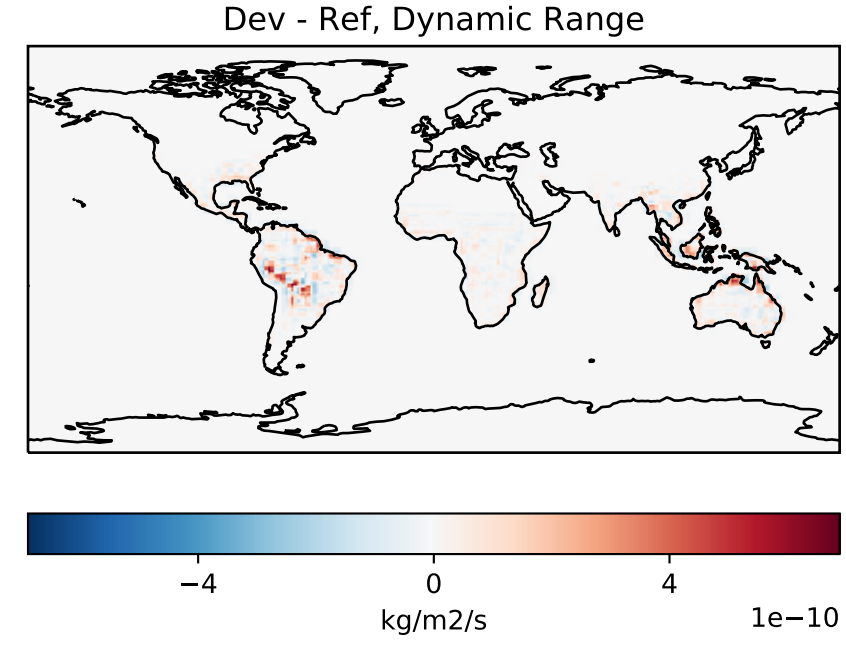
GCC_12.9.0 (Ref)
4.0x5.0



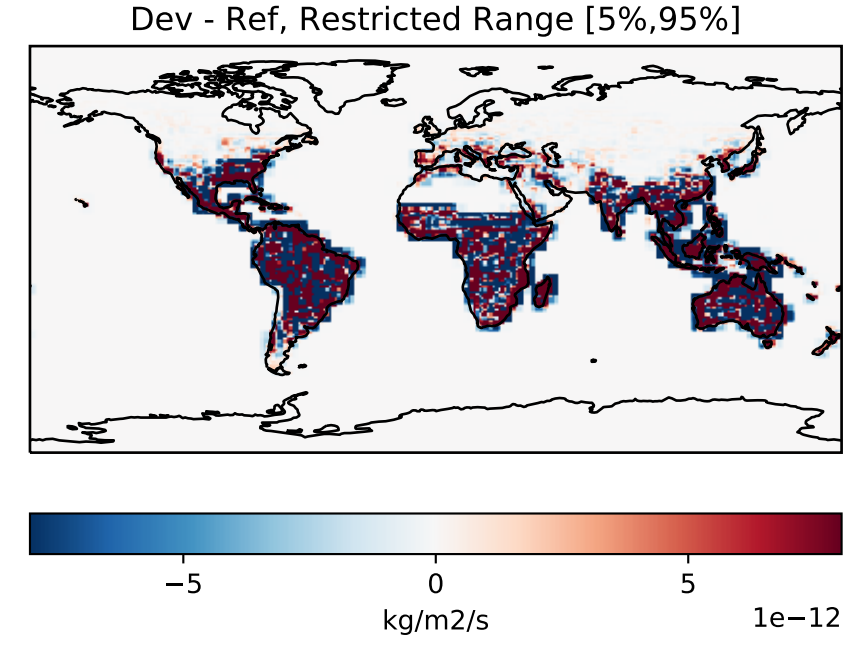

GCC_13.0.0-beta.1 (Dev)
c48



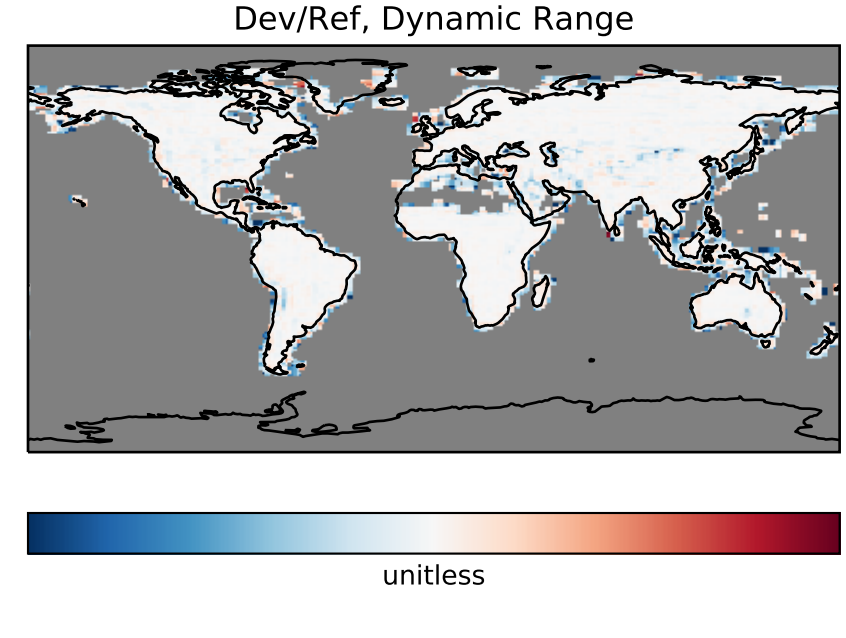

Difference (1x1.25)
Dev - Ref, Dynamic Range



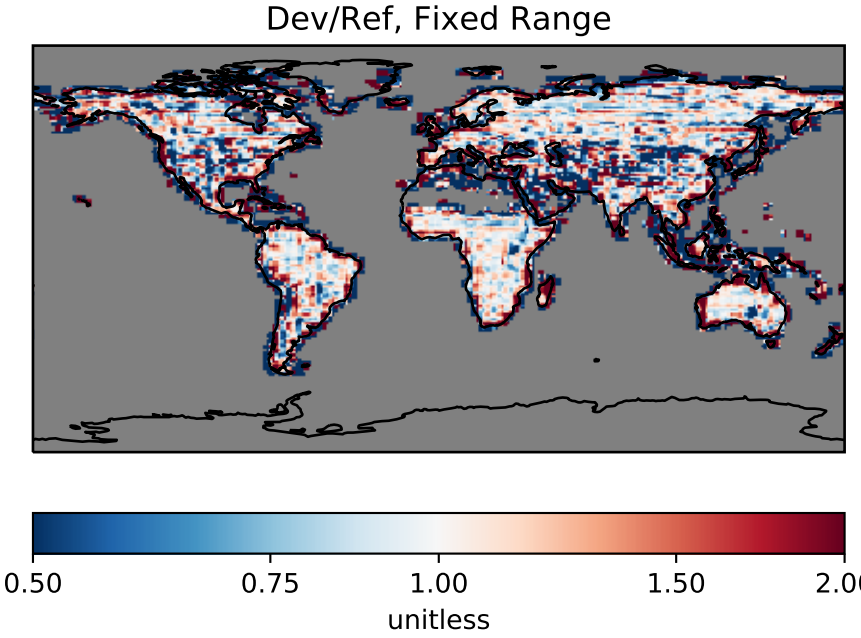

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

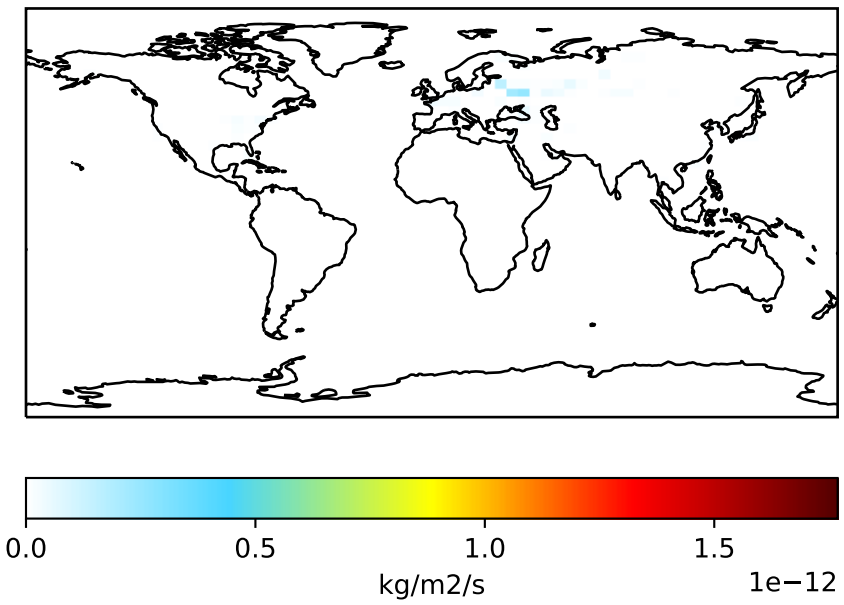



Ratio (1x1.25)
Dev/Ref, Fixed Range

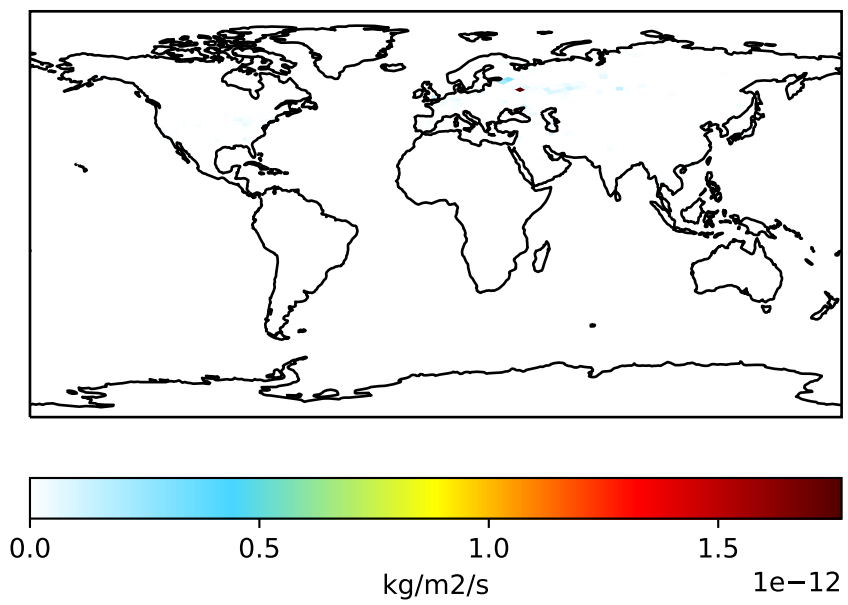


# EmisMACR_Total (Oct2019)

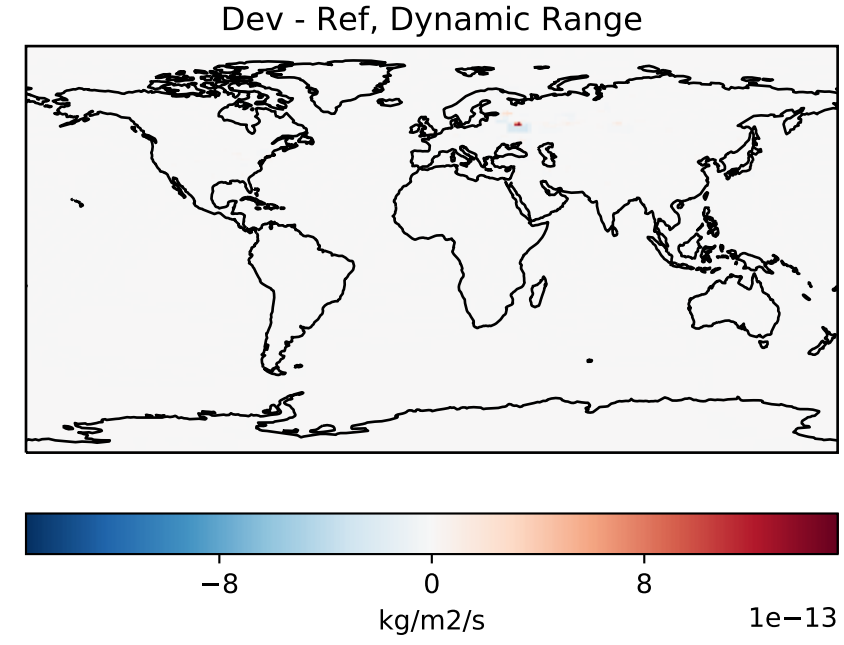
GCC_12.9.0 (Ref)
4.0x5.0



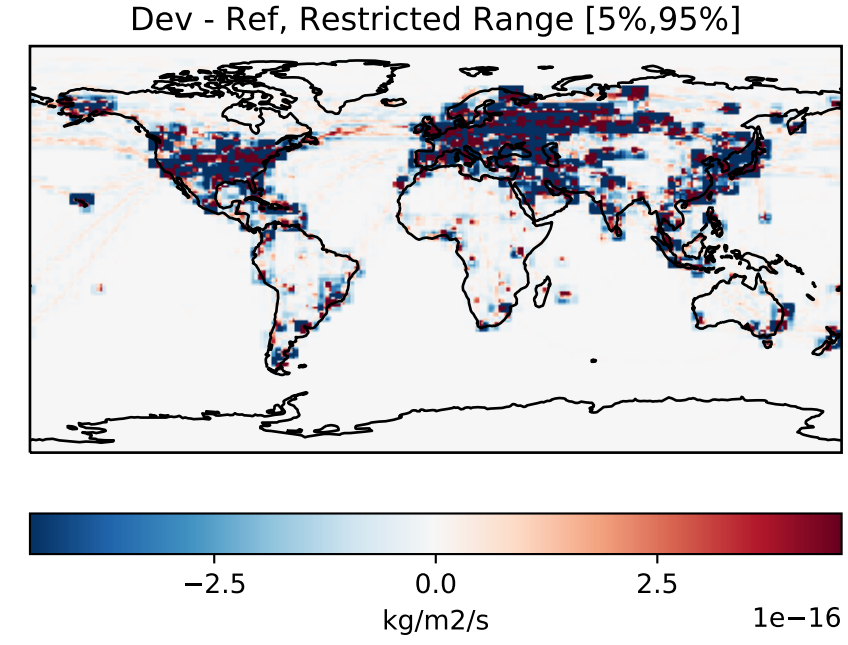

GCC_13.0.0-beta.1 (Dev)
c48



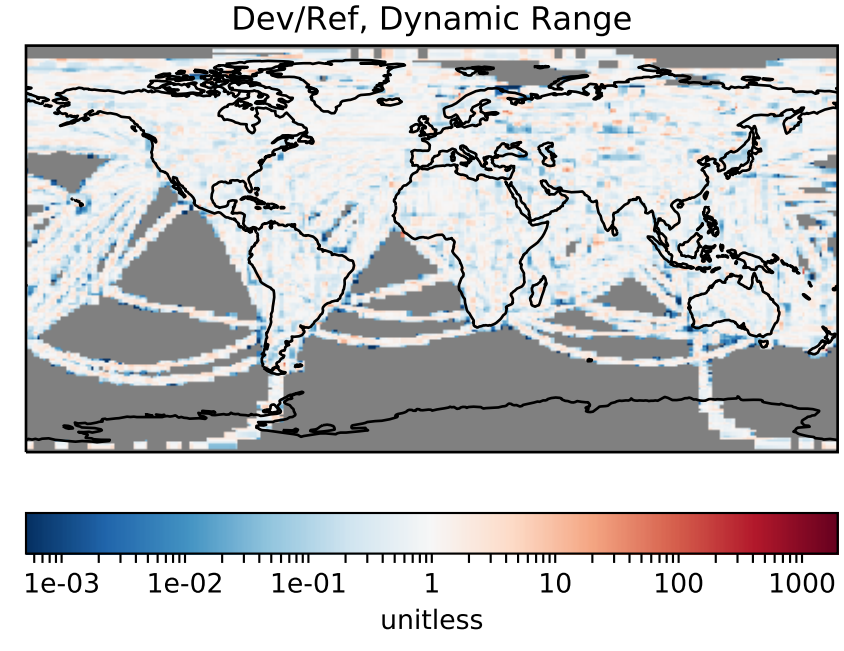

Difference (1x1.25)
Dev - Ref, Dynamic Range



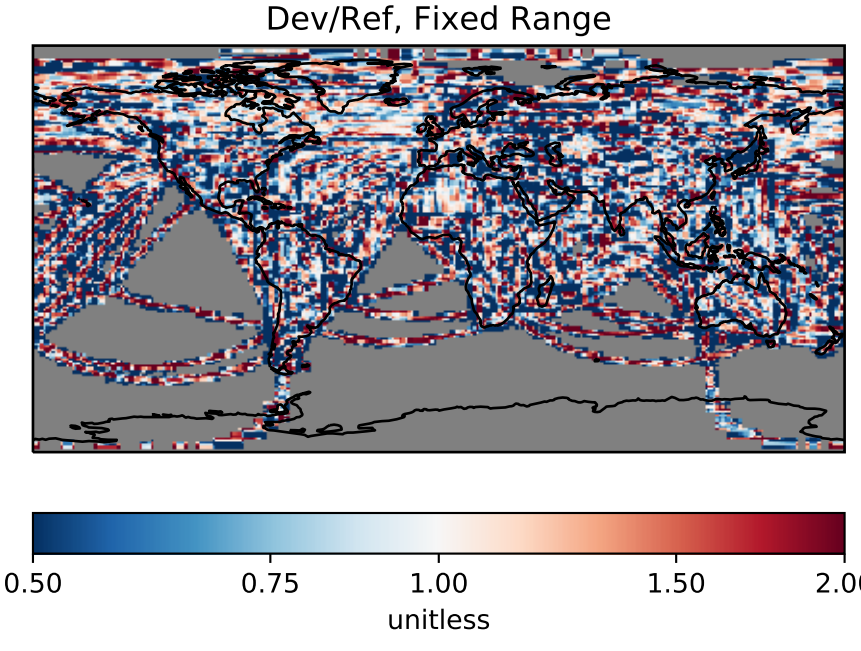

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

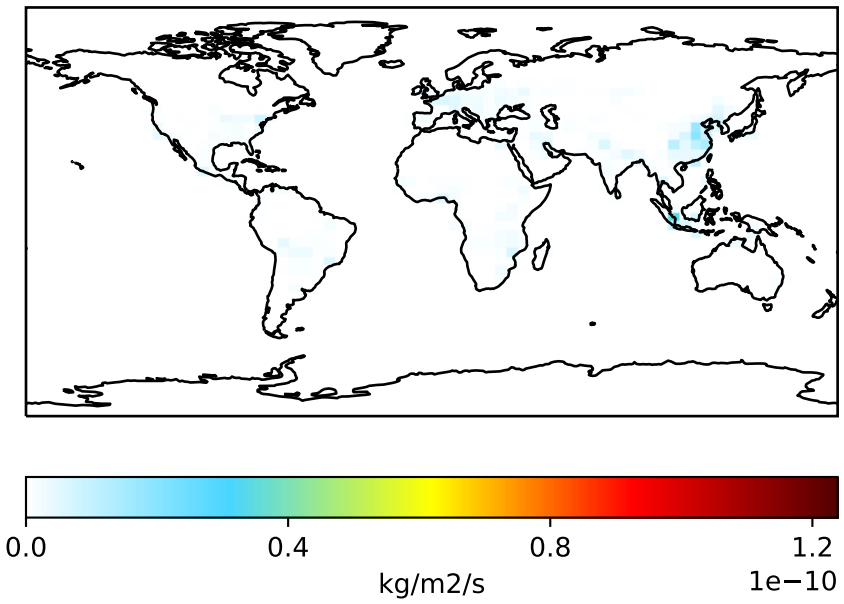



Ratio (1x1.25)
Dev/Ref, Fixed Range

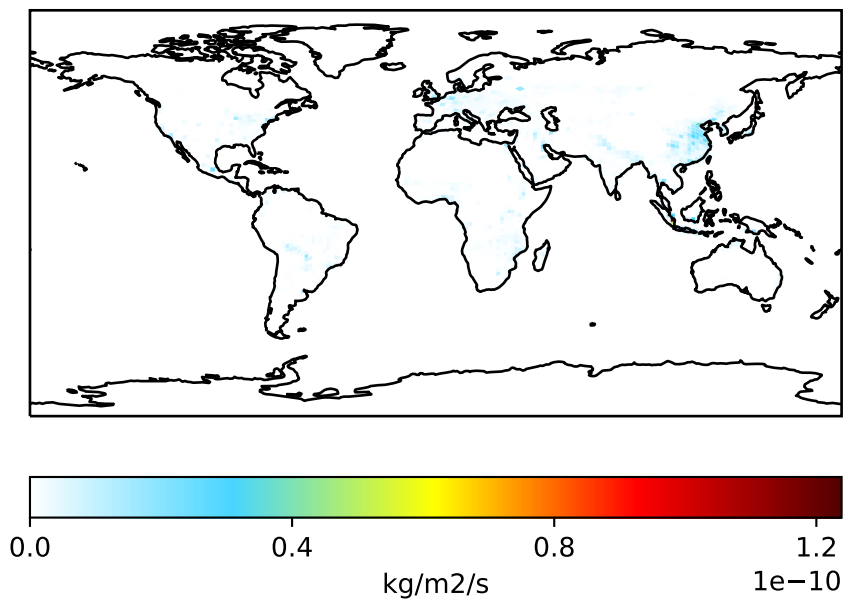


# EmisMEK_Total (Oct2019)

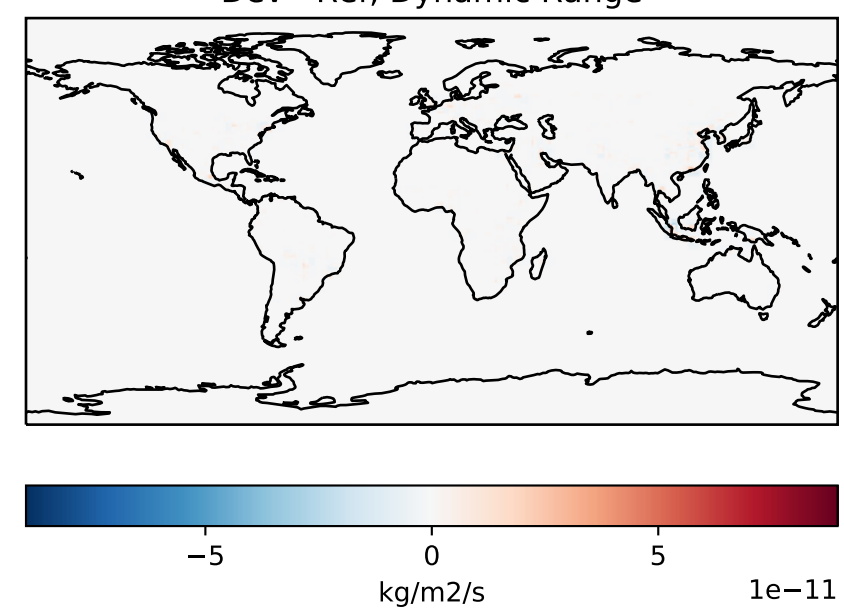
GCC_12.9.0 (Ref)
4.0x5.0



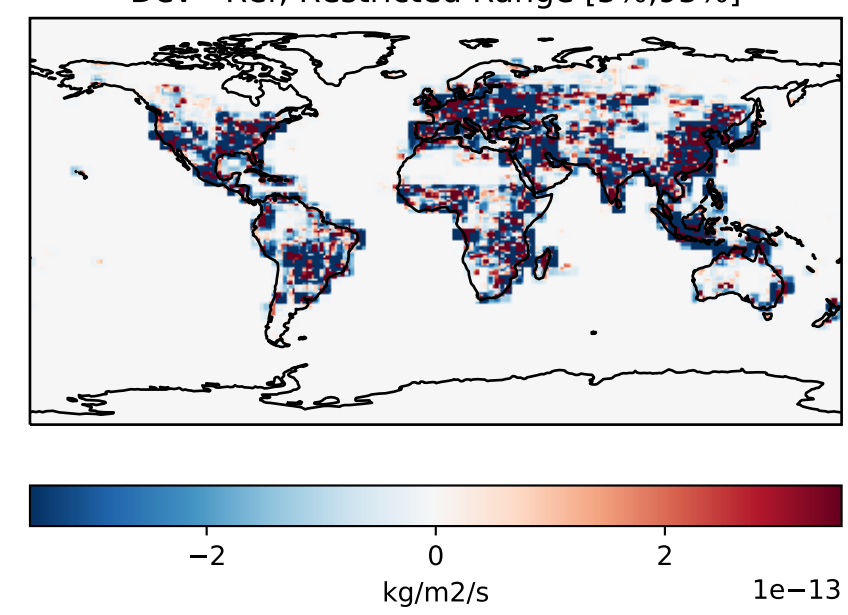

GCC_13.0.0-beta.1 (Dev)
c48



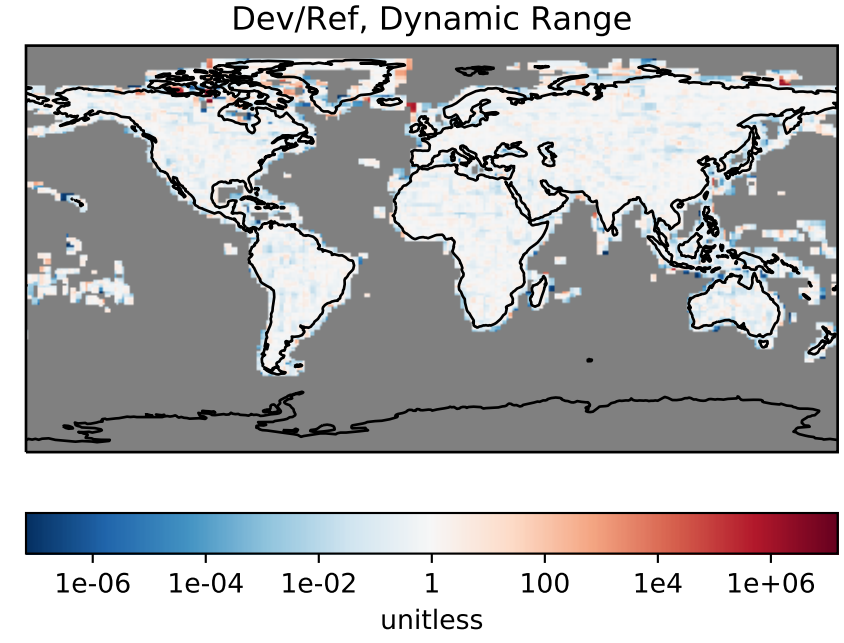

Difference (1x1.25)
Dev - Ref, Dynamic Range



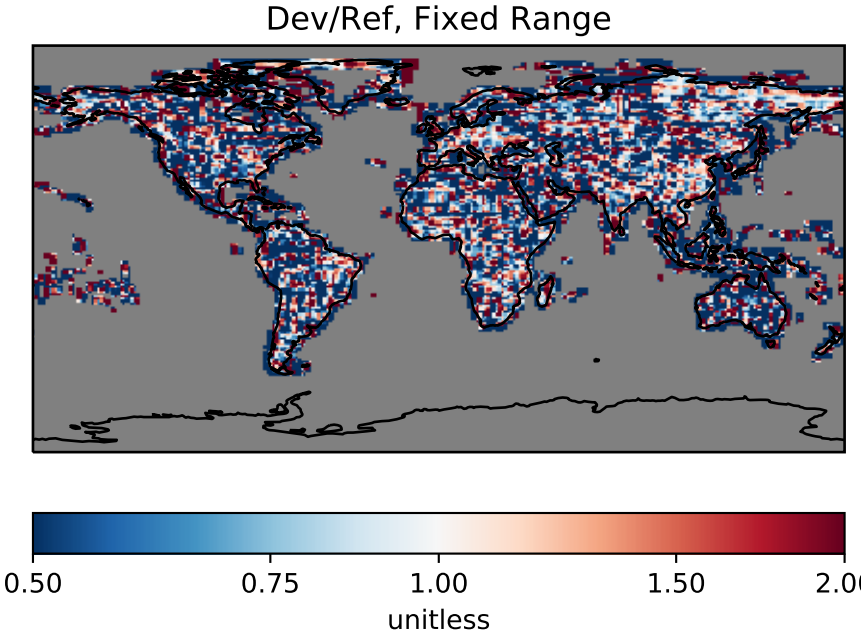

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

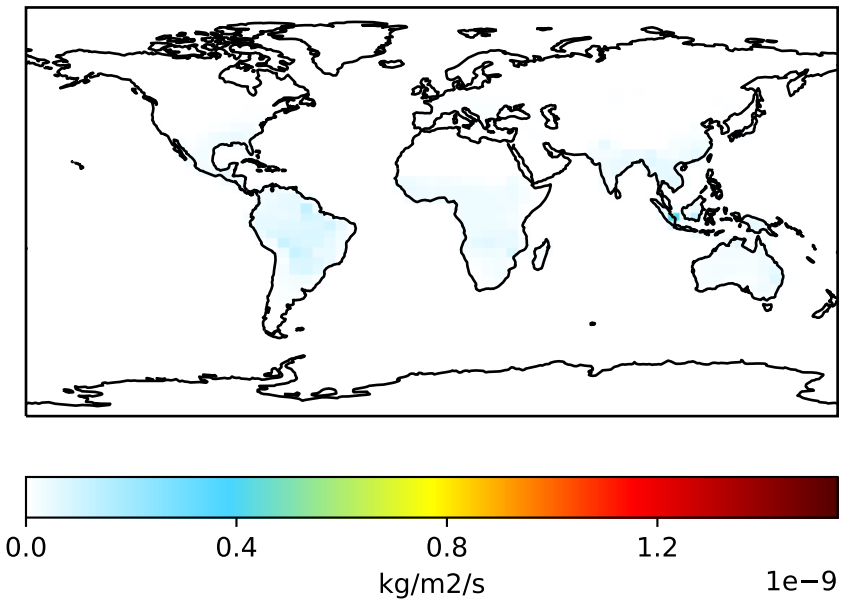



Ratio (1x1.25)
Dev/Ref, Fixed Range

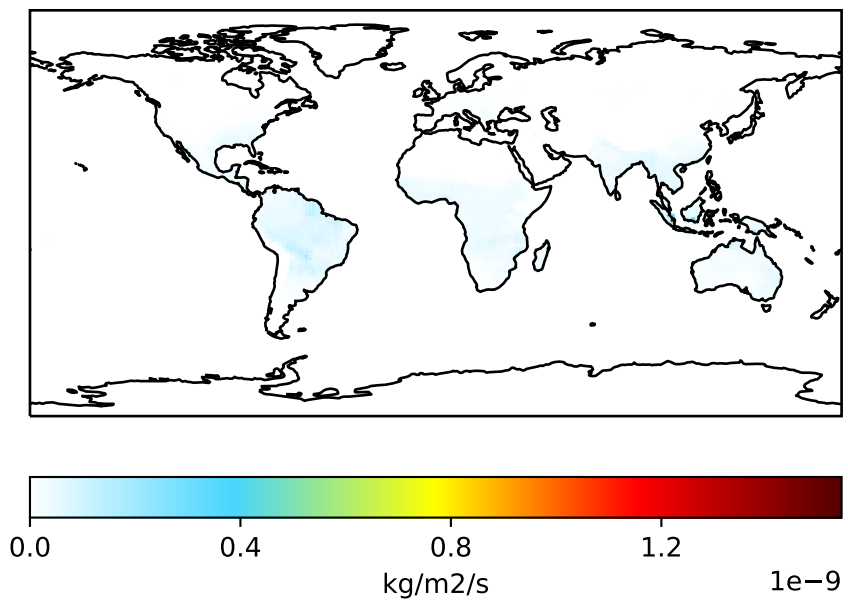


# EmisMOH_Total (Oct2019)

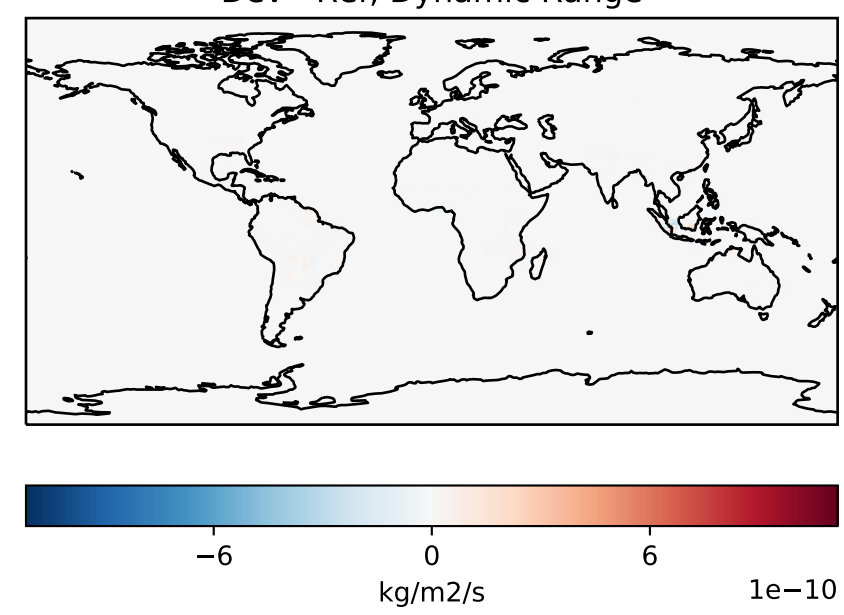
GCC_12.9.0 (Ref)
4.0x5.0



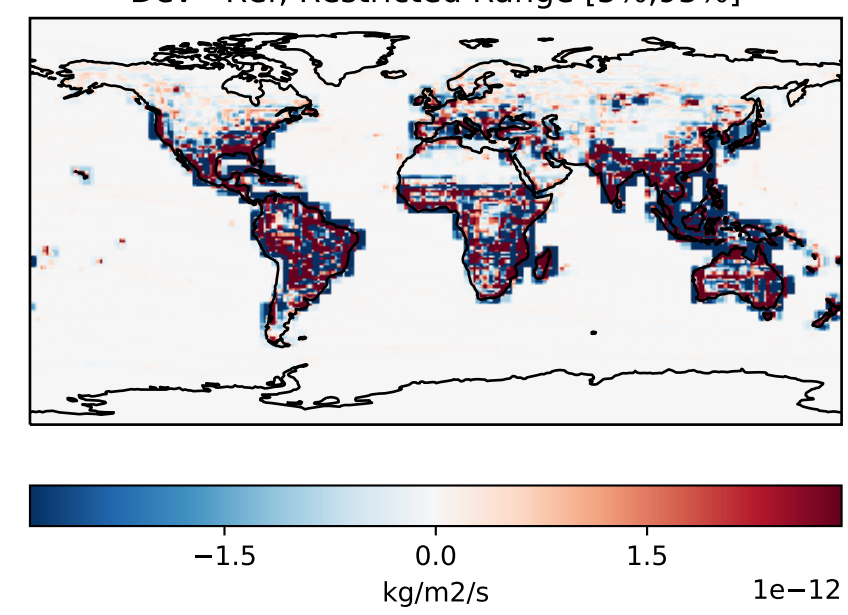

GCC_13.0.0-beta.1 (Dev)
c48



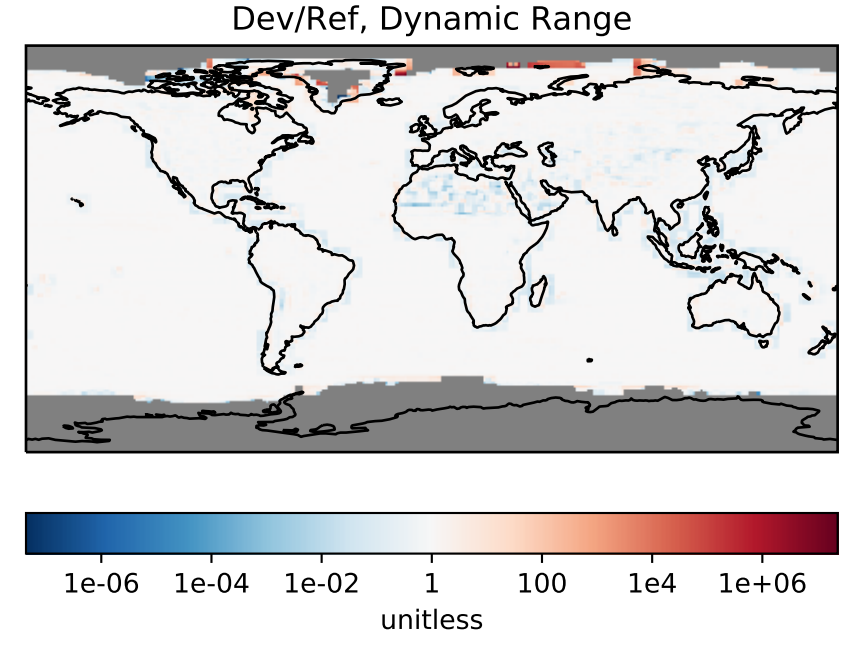

Difference (1x1.25)
Dev - Ref, Dynamic Range



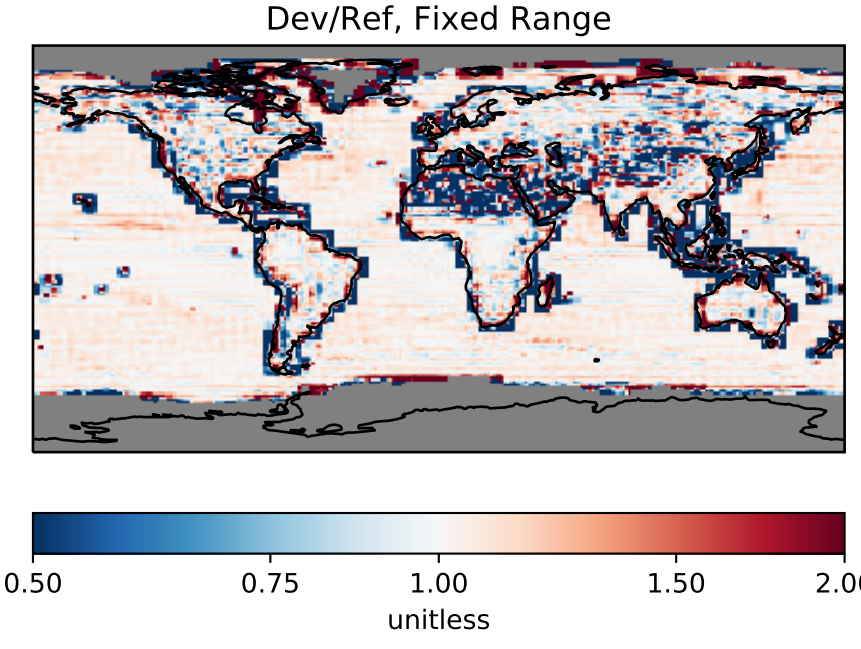

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

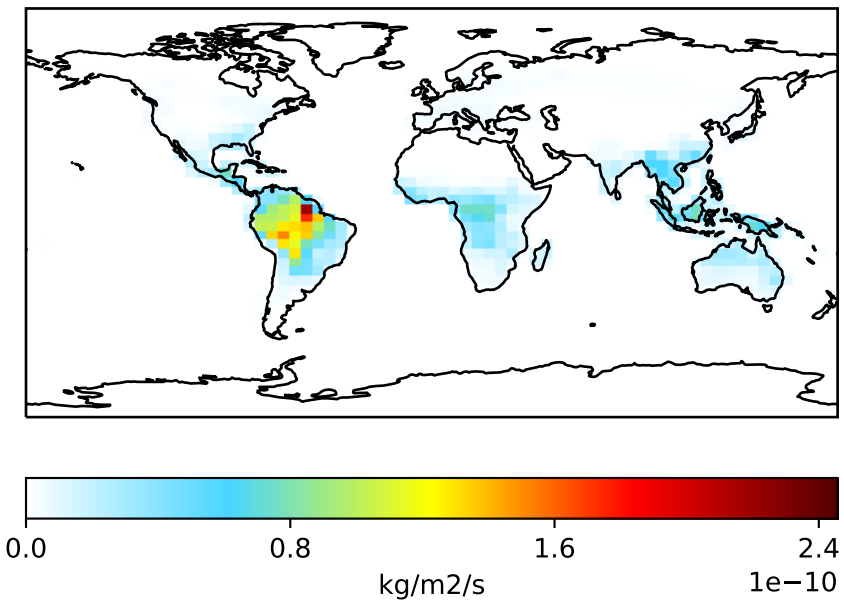



Ratio (1x1.25)
Dev/Ref, Fixed Range

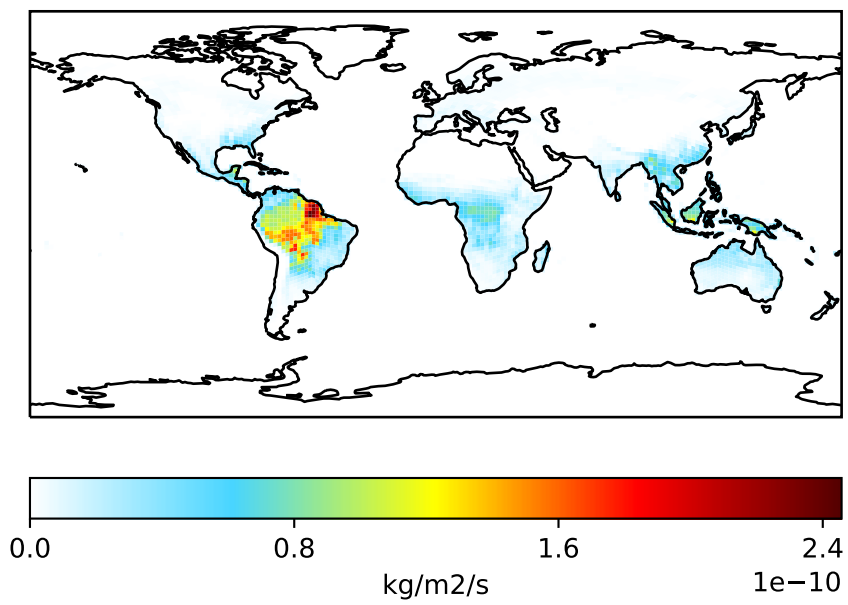


# EmisMTPA_Total (Oct2019)

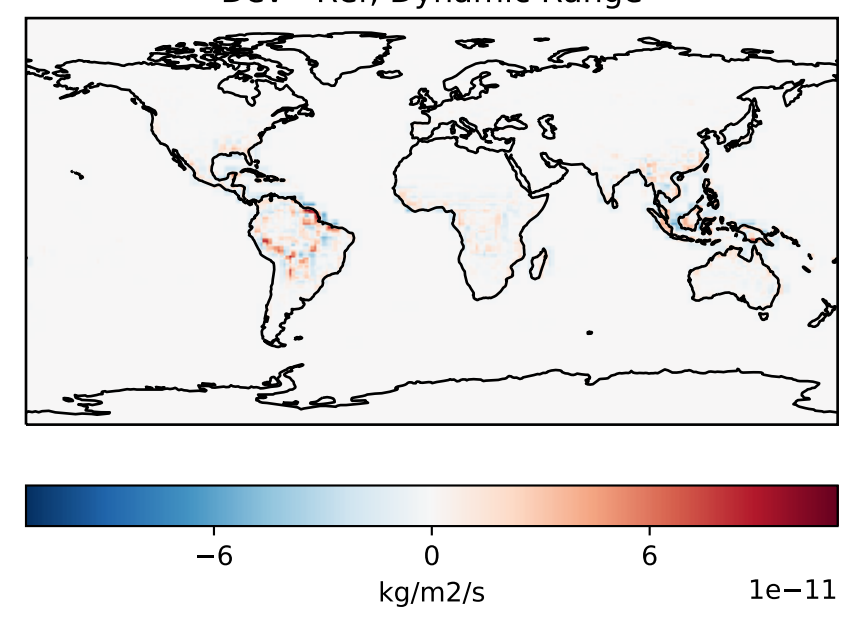
GCC_12.9.0 (Ref)
4.0x5.0



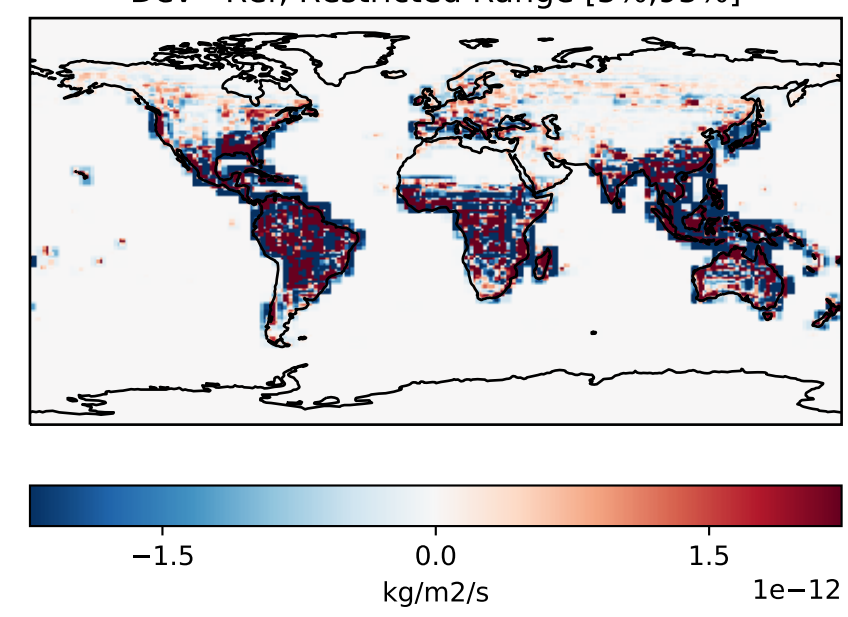

GCC_13.0.0-beta.1 (Dev)
c48



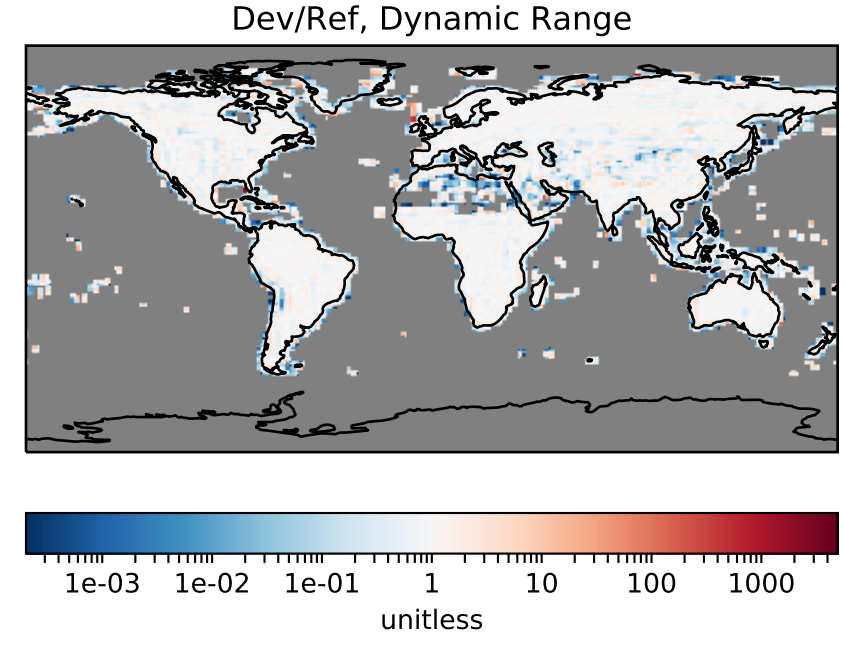

Difference (1x1.25)
Dev - Ref, Dynamic Range



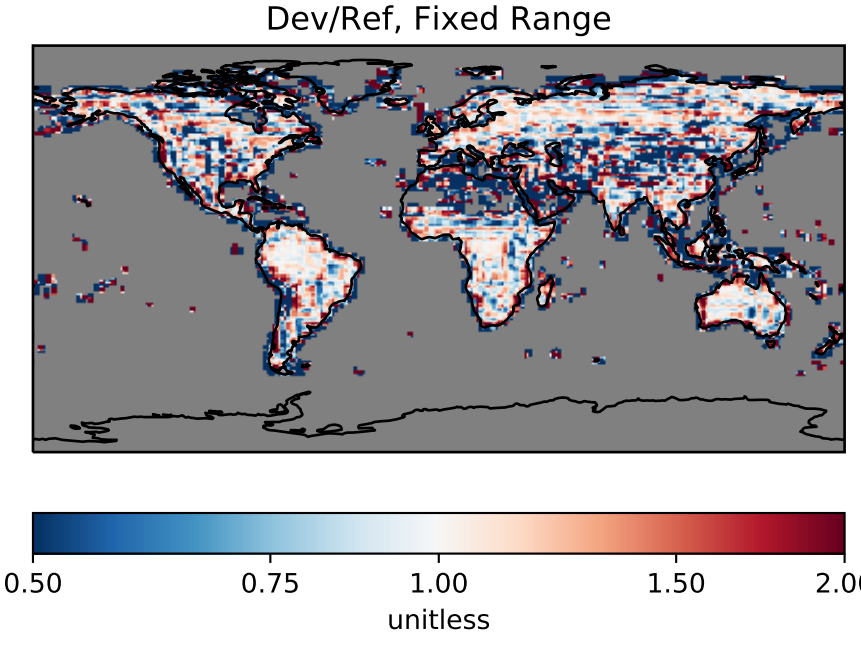

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

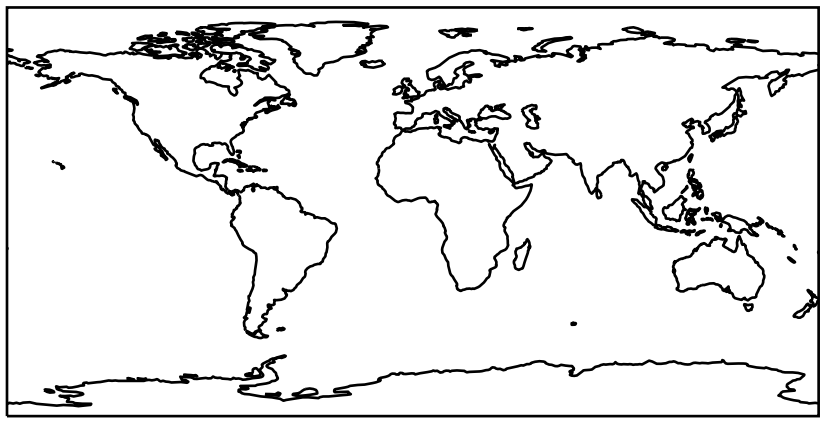



Ratio (1x1.25)
Dev/Ref, Fixed Range



# EmisNAP_Total (Oct2019)

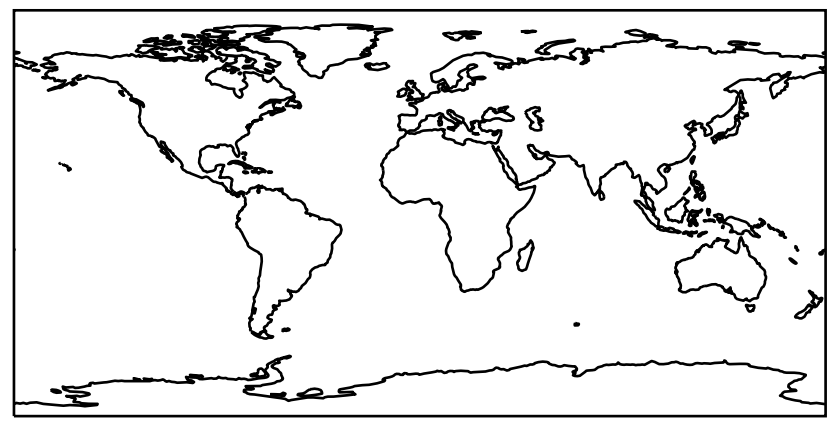
GCC_12.9.0 (Ref)
4.0x5.0





Zero throughout domain
kg/m2/s

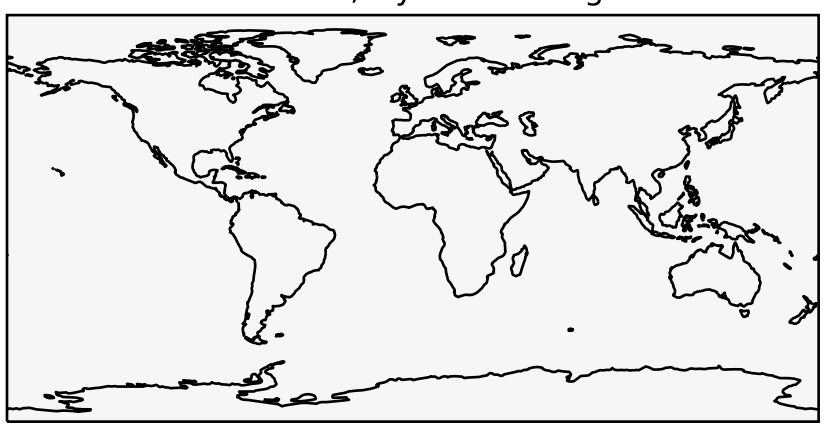
GCC_13.0.0-beta.1 (Dev)
c48





Zero throughout domain
kg/m2/s

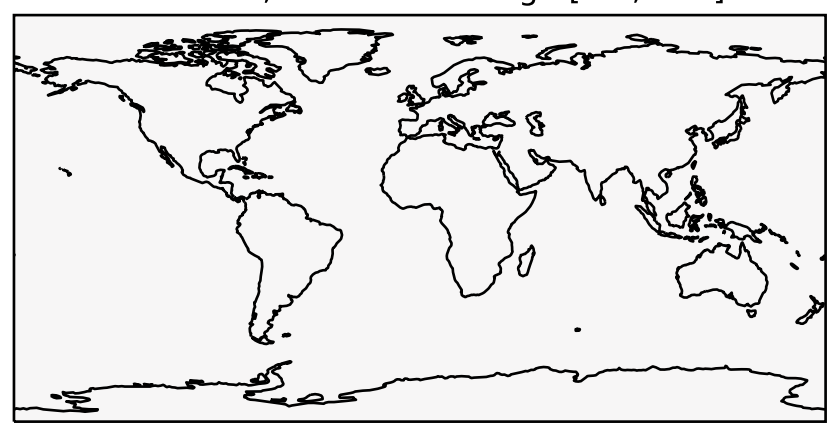
Difference (1x1.25)
Dev - Ref, Dynamic Range





Zero throughout domain
kg/m2/s

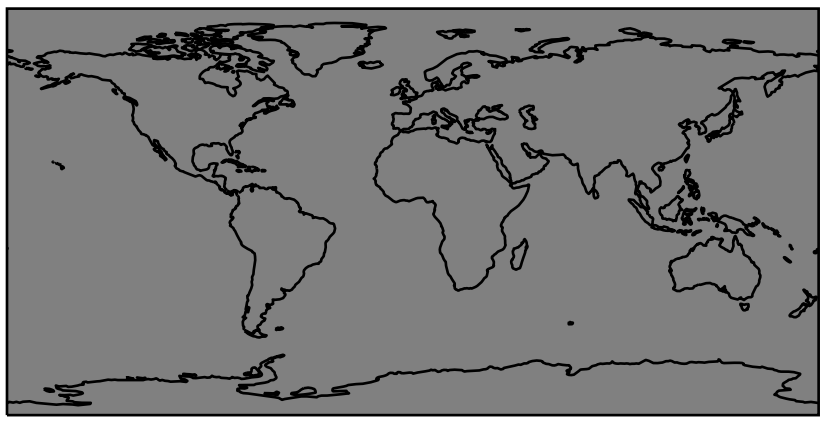
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]





Zero throughout domain
kg/m2/s

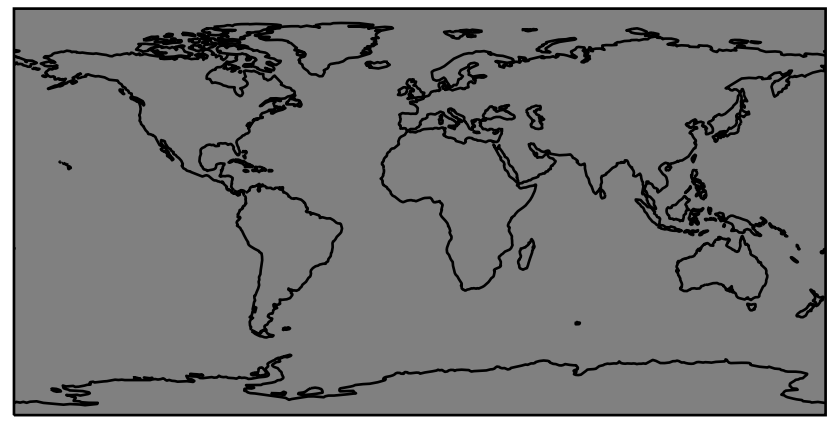
Ratio (1x1.25)
Dev/Ref, Dynamic Range





Undefined throughout domain
unitless

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

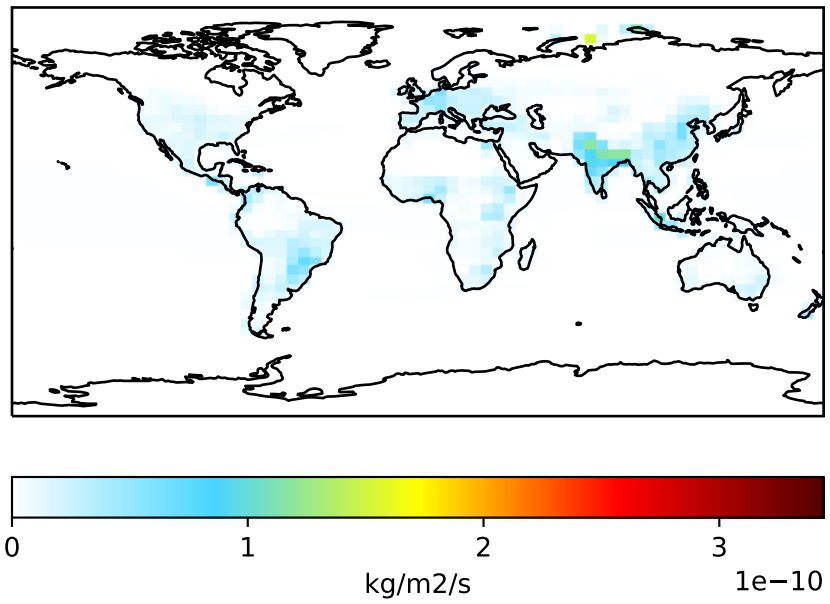




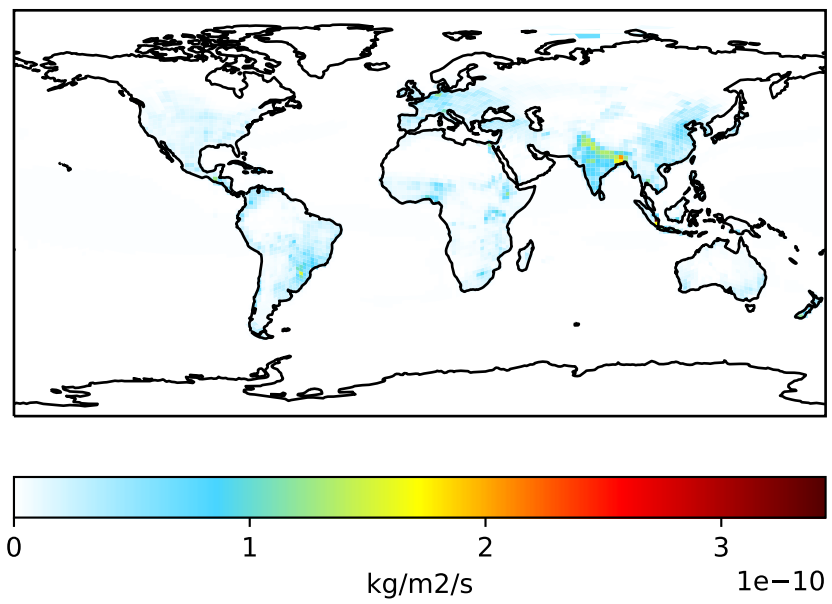
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# EmisNH3_Total (Oct2019)

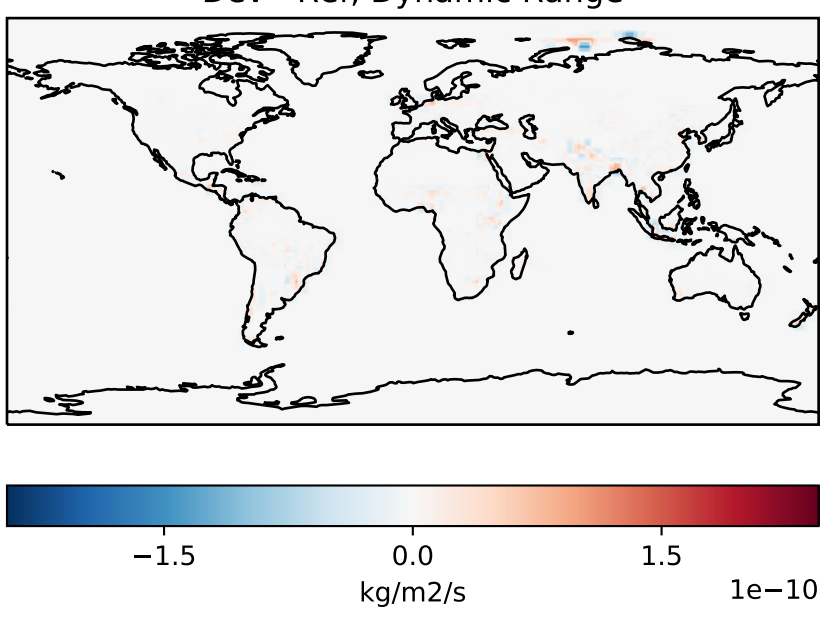
GCC_12.9.0 (Ref)
4.0x5.0



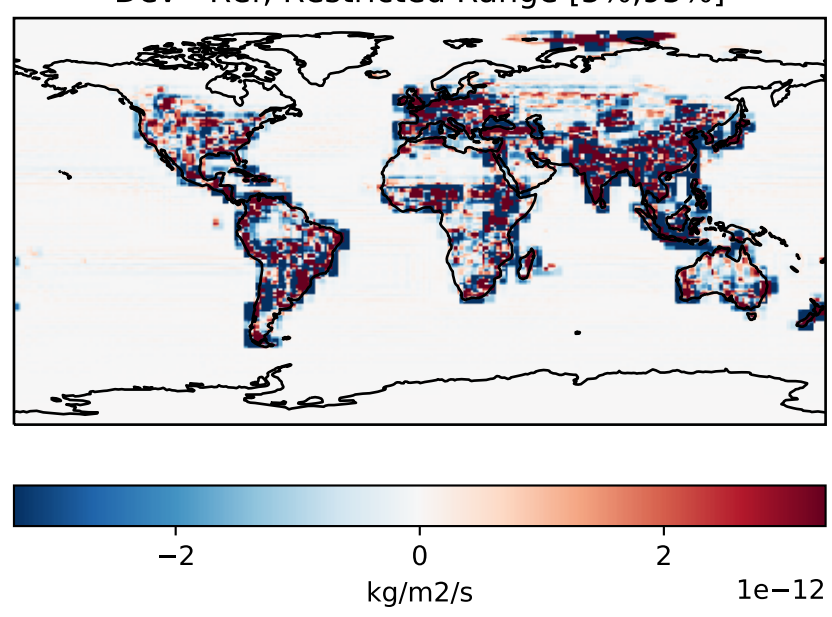

GCC_13.0.0-beta.1 (Dev)
c48



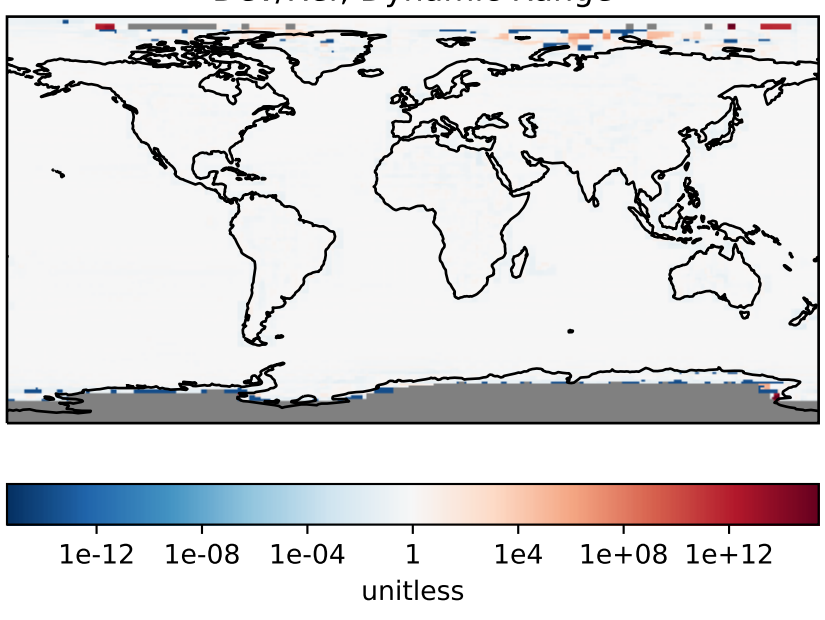

Difference (1x1.25)
Dev - Ref, Dynamic Range



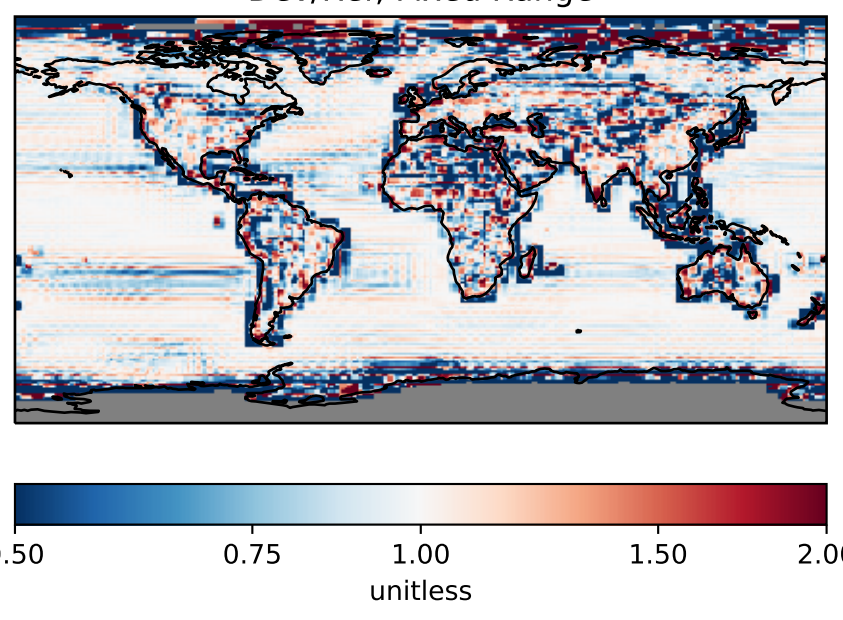

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

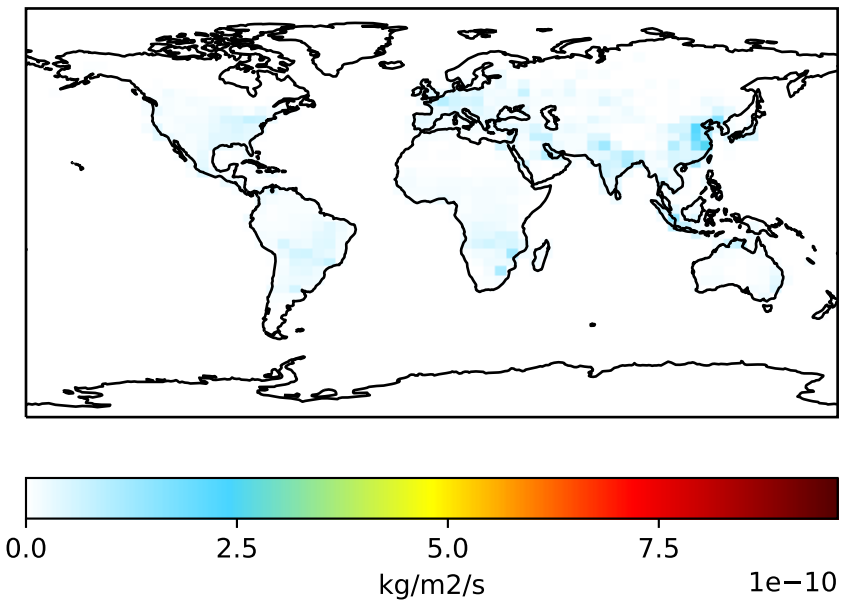



Ratio (1x1.25)
Dev/Ref, Fixed Range

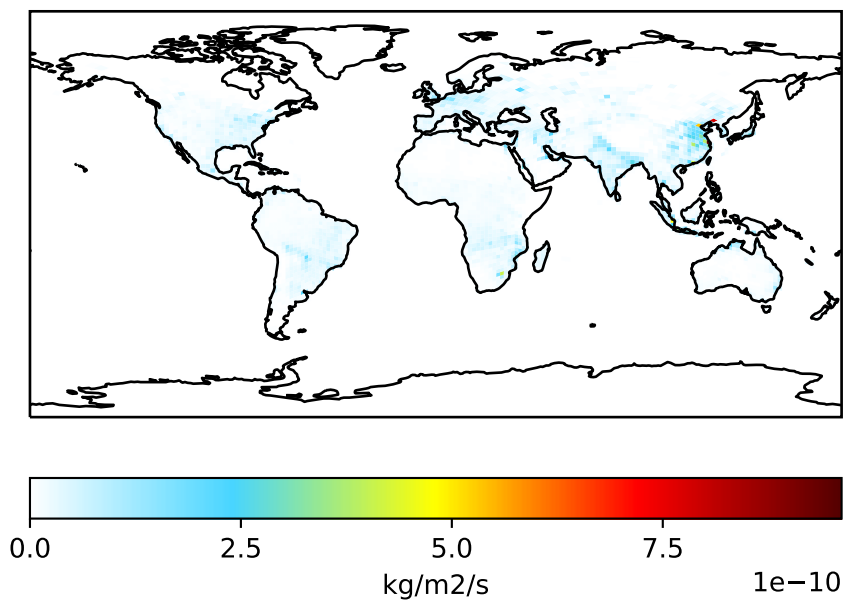


# EmisNO_Total (Oct2019)

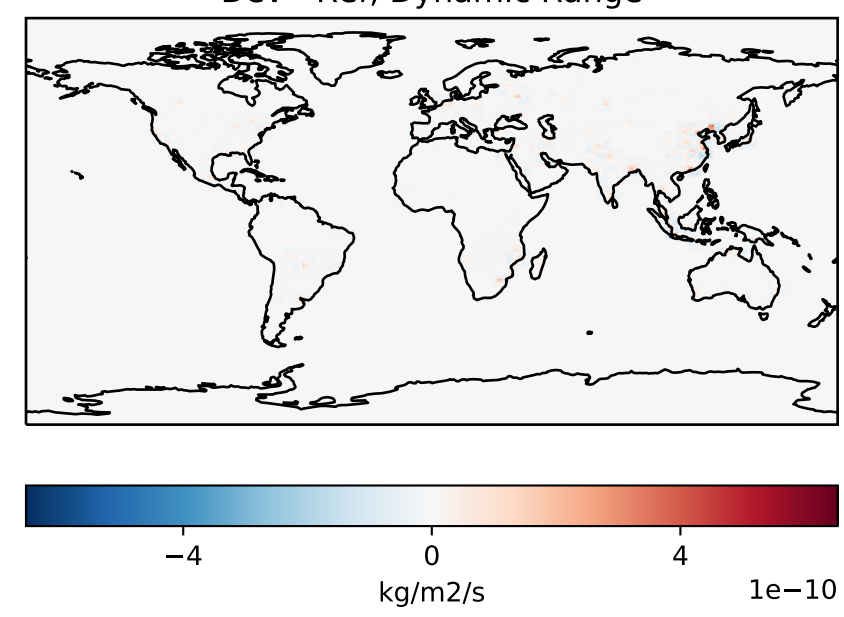
GCC_12.9.0 (Ref)
4.0x5.0



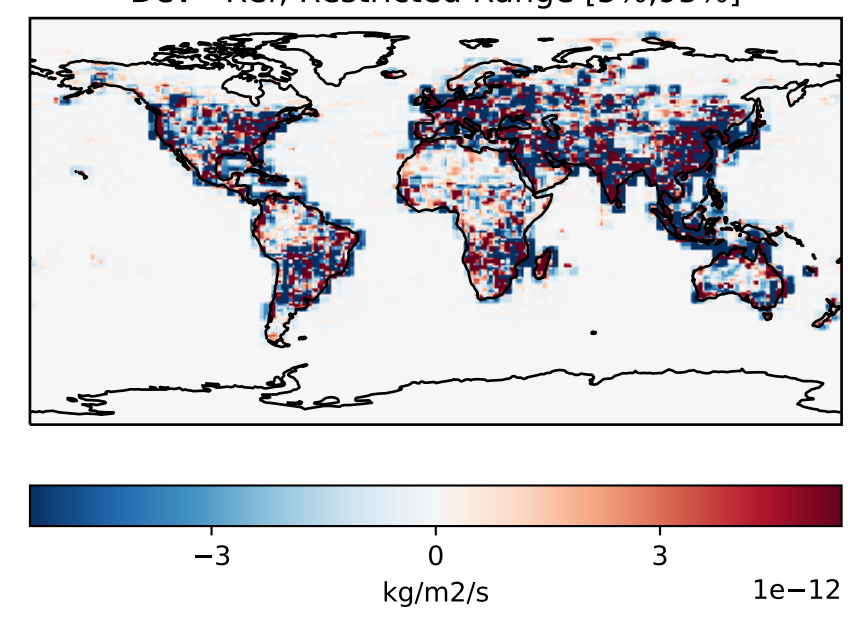

GCC_13.0.0-beta.1 (Dev)
c48



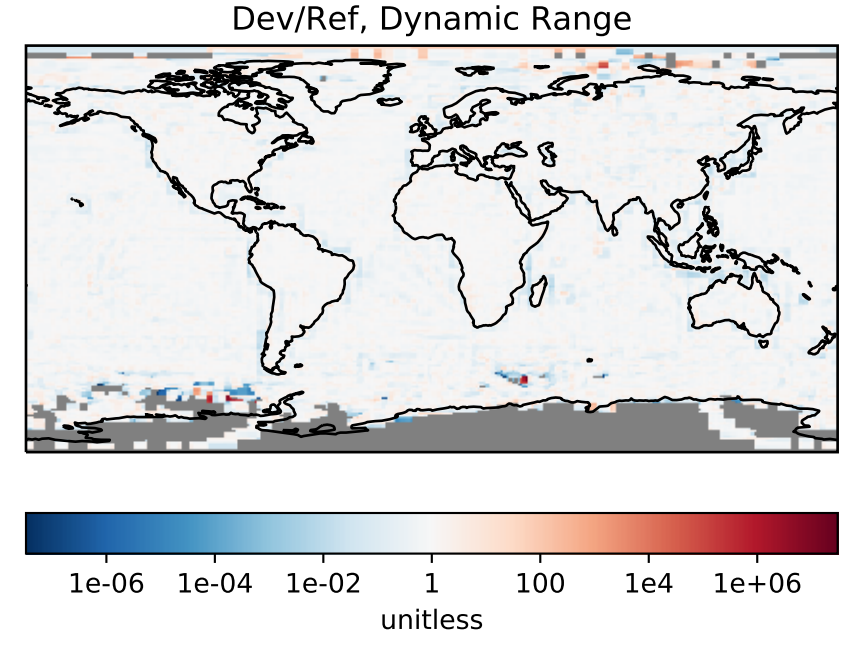

Difference (1x1.25)
Dev - Ref, Dynamic Range



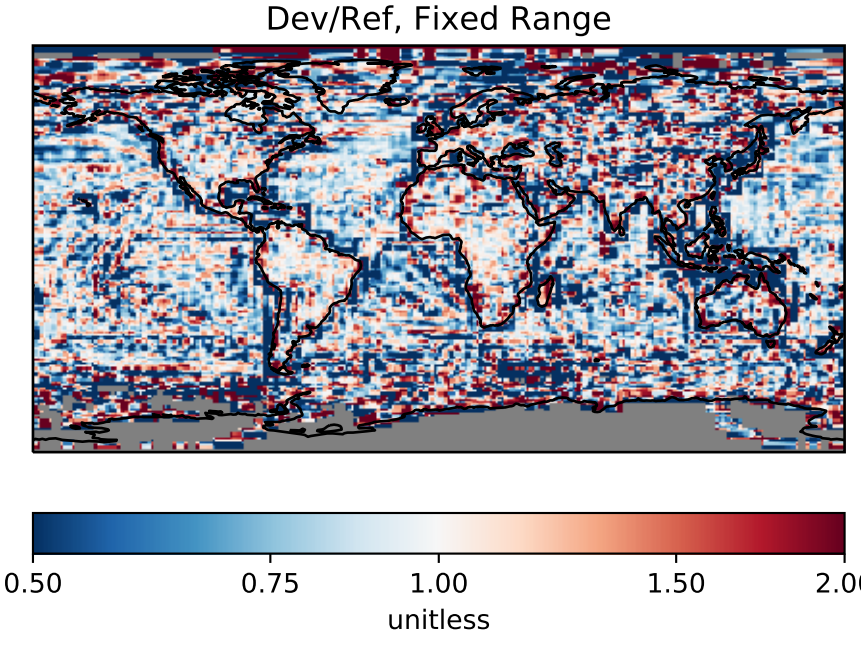

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

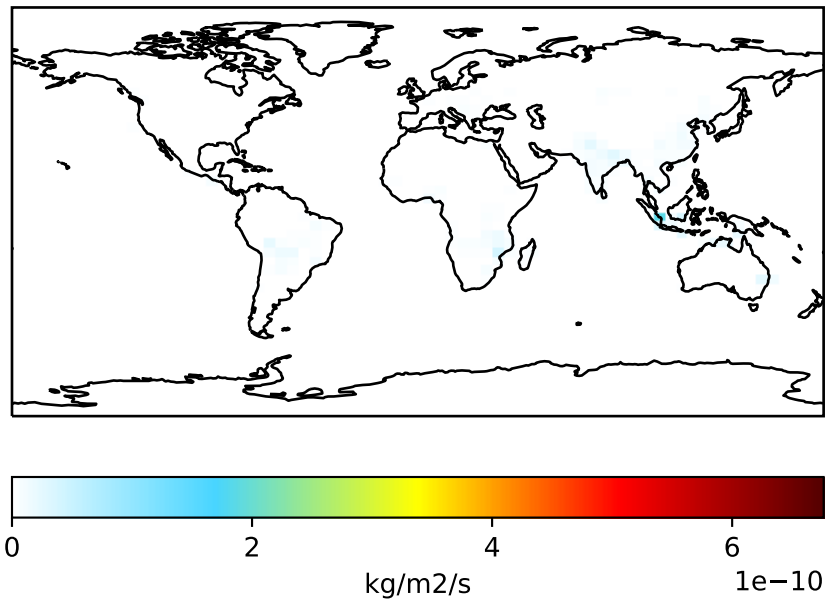



Ratio (1x1.25)
Dev/Ref, Fixed Range

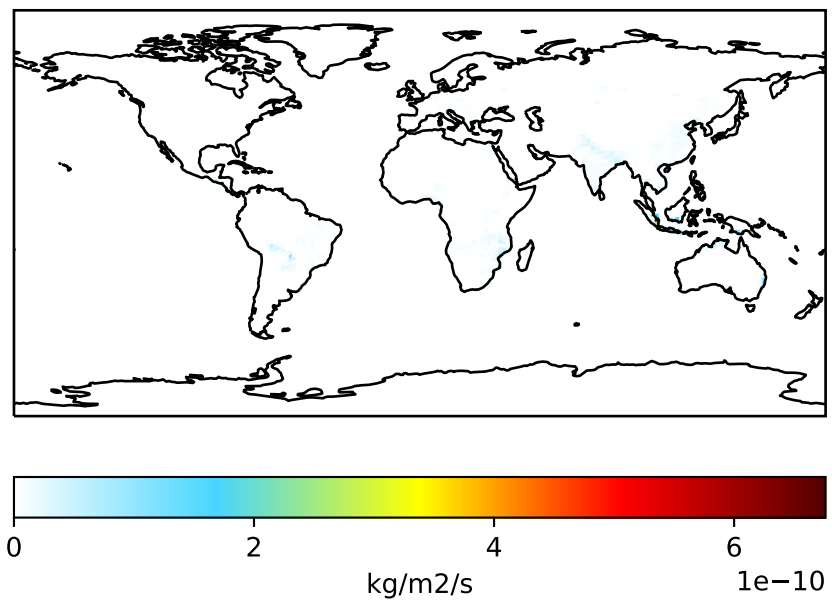


# EmisOCPI_Total (Oct2019)

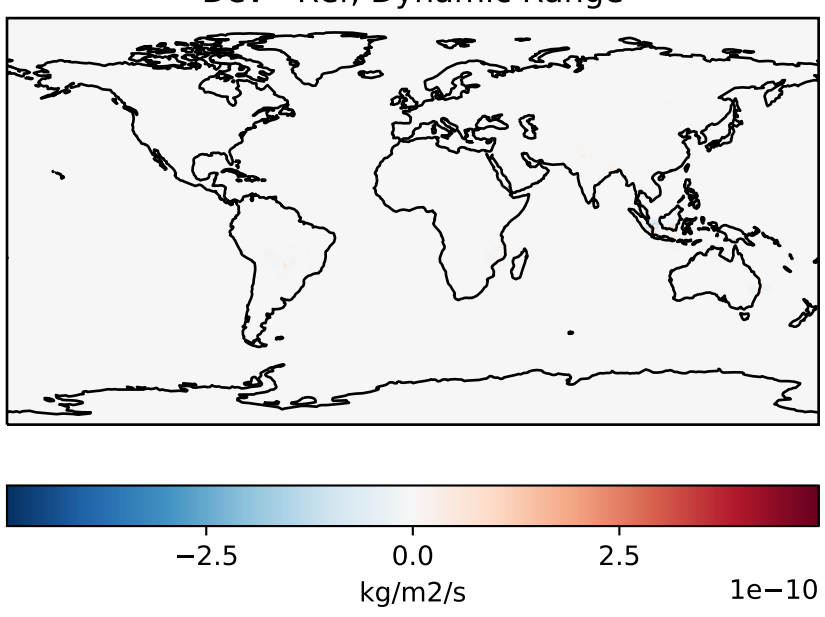
GCC_12.9.0 (Ref)
4.0x5.0



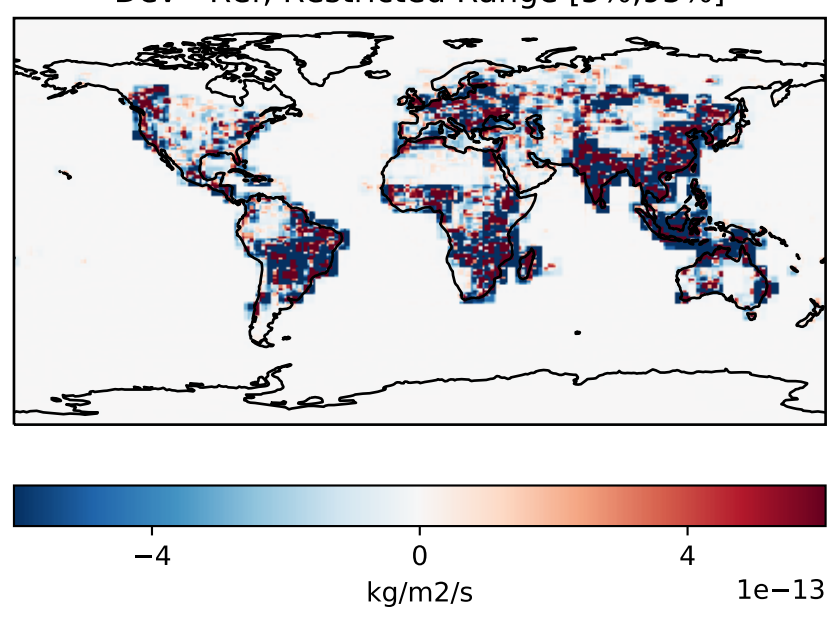

GCC_13.0.0-beta.1 (Dev)
c48



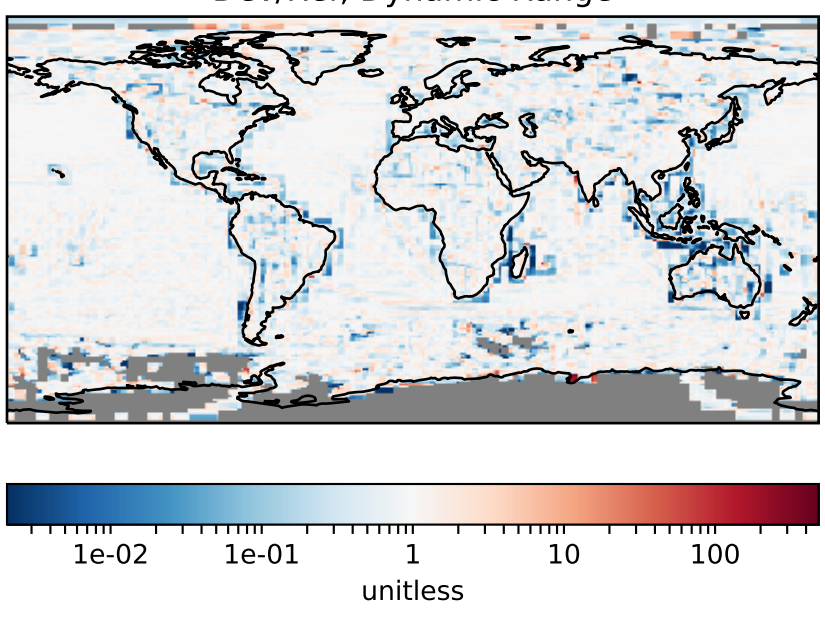

Difference (1x1.25)
Dev - Ref, Dynamic Range



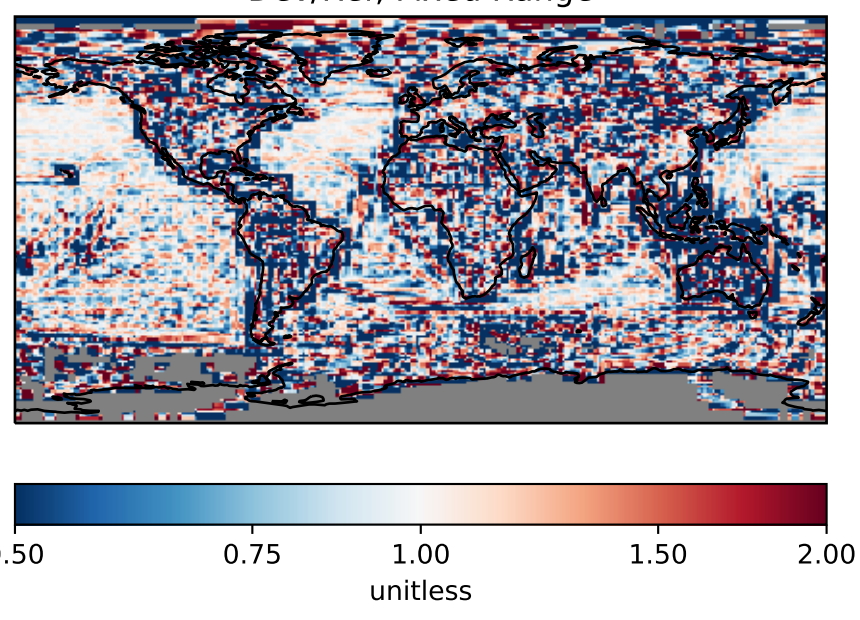

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

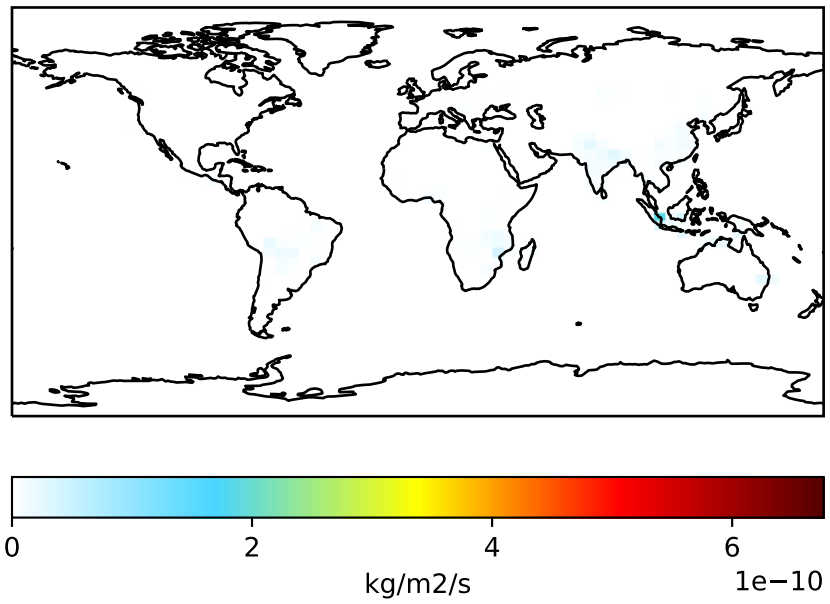



Ratio (1x1.25)
Dev/Ref, Fixed Range

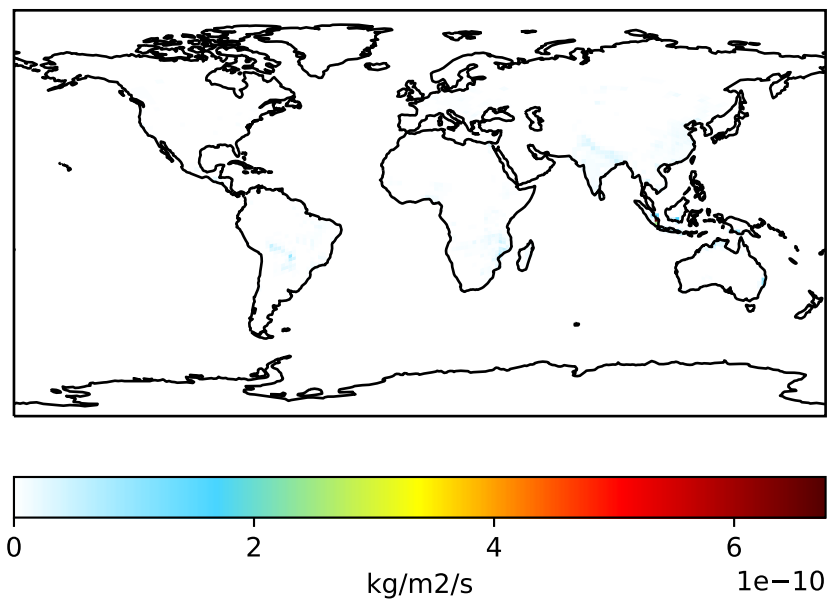


# EmisOCPO_Total (Oct2019)

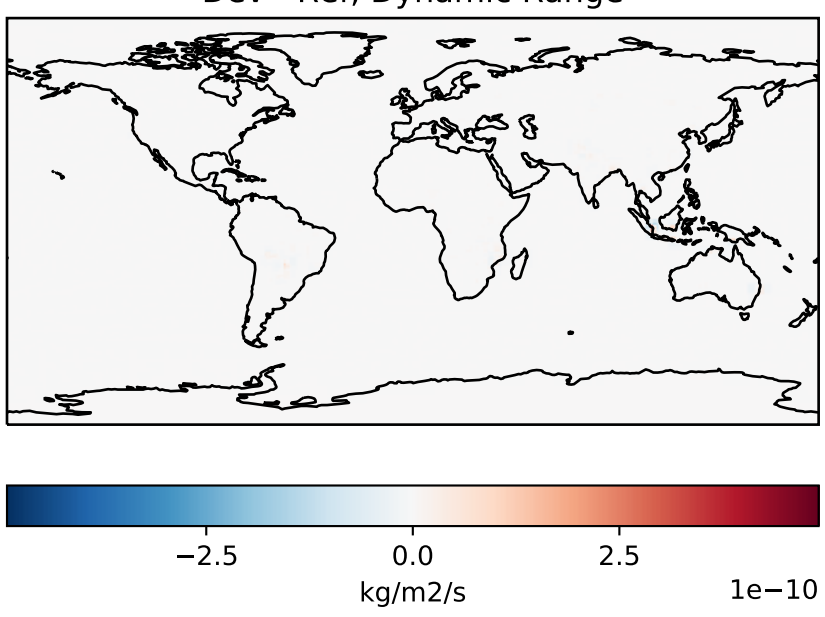
GCC_12.9.0 (Ref)
4.0x5.0



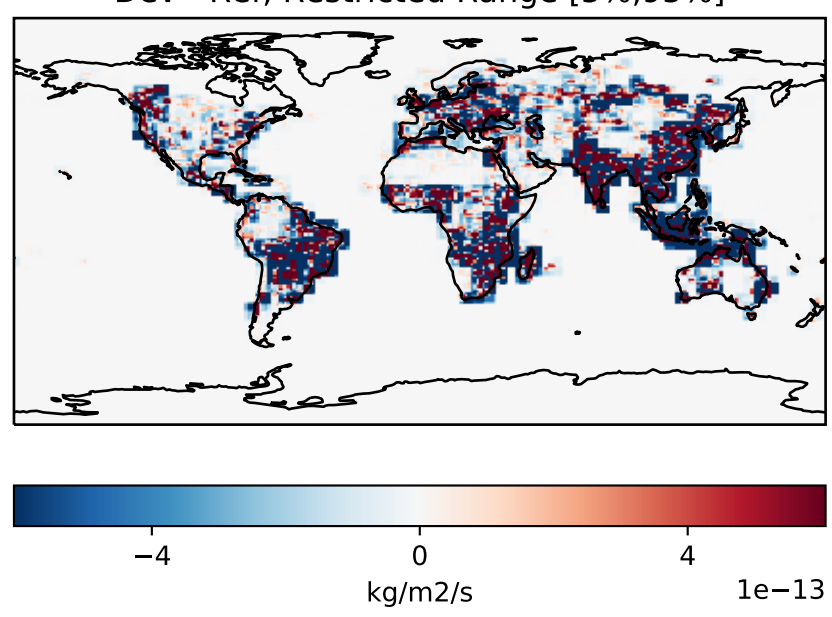

GCC_13.0.0-beta.1 (Dev)
c48



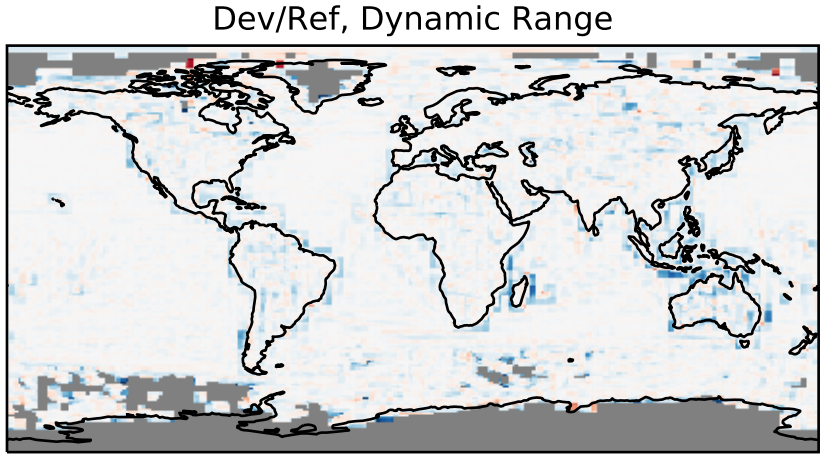

Difference (1x1.25)
Dev - Ref, Dynamic Range



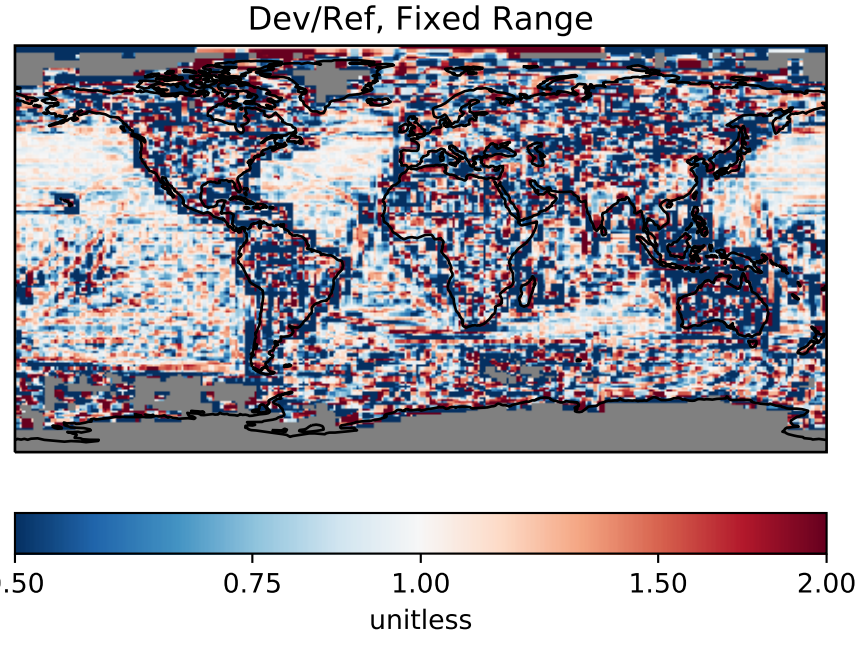

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

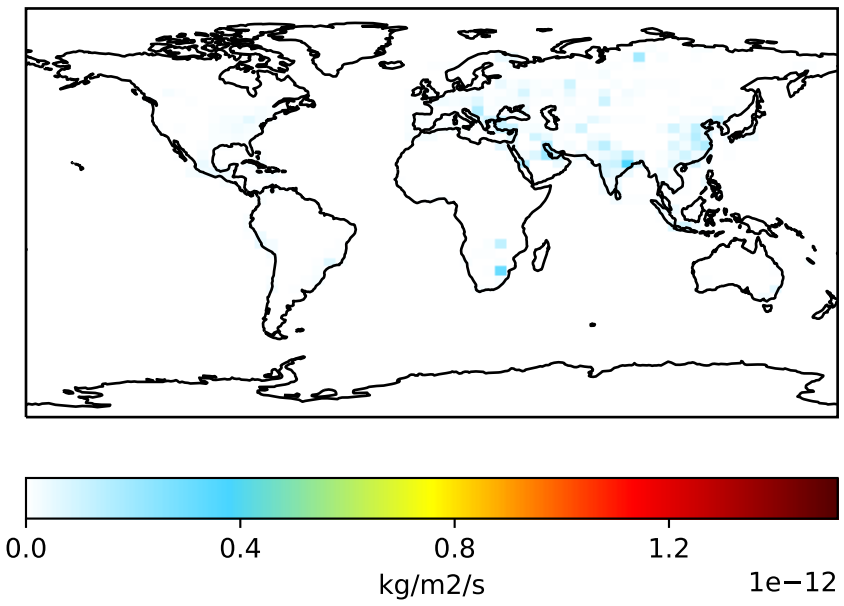



Ratio (1x1.25)
Dev/Ref, Fixed Range

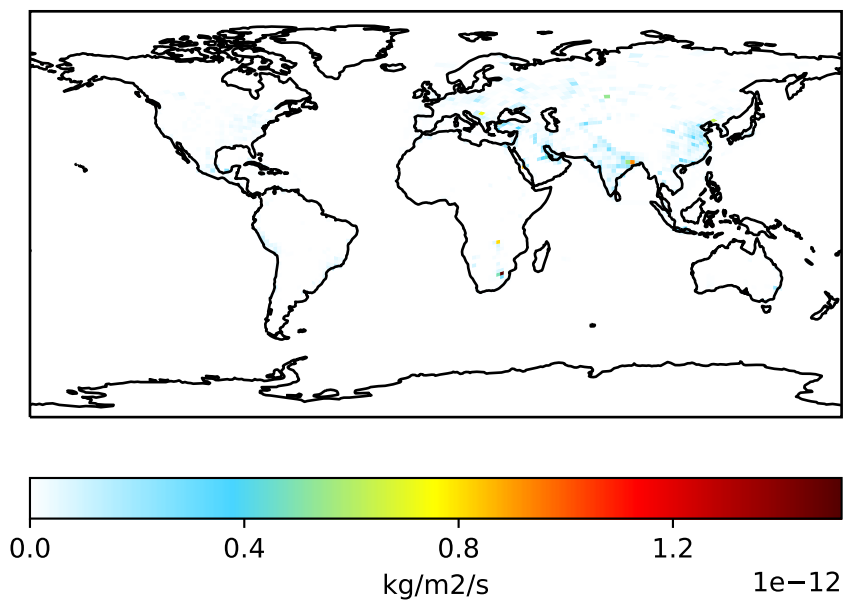


# EmispFe_Total (Oct2019)

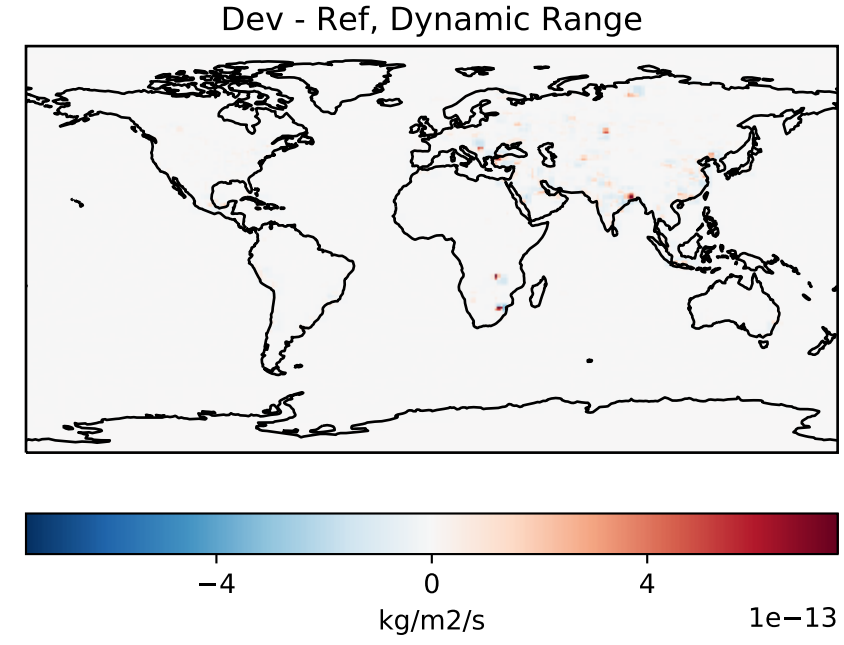
GCC_12.9.0 (Ref)
4.0x5.0



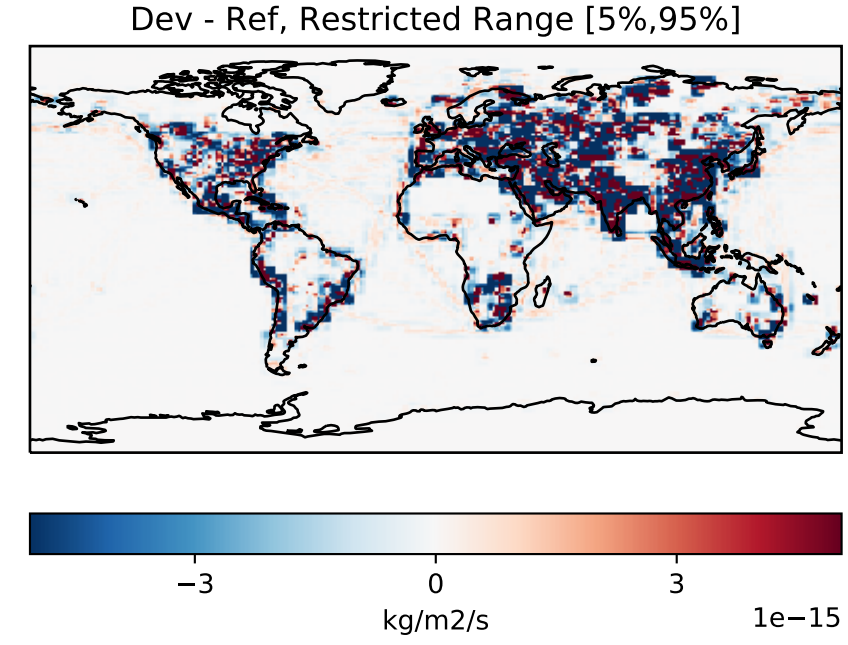

GCC_13.0.0-beta.1 (Dev)
c48



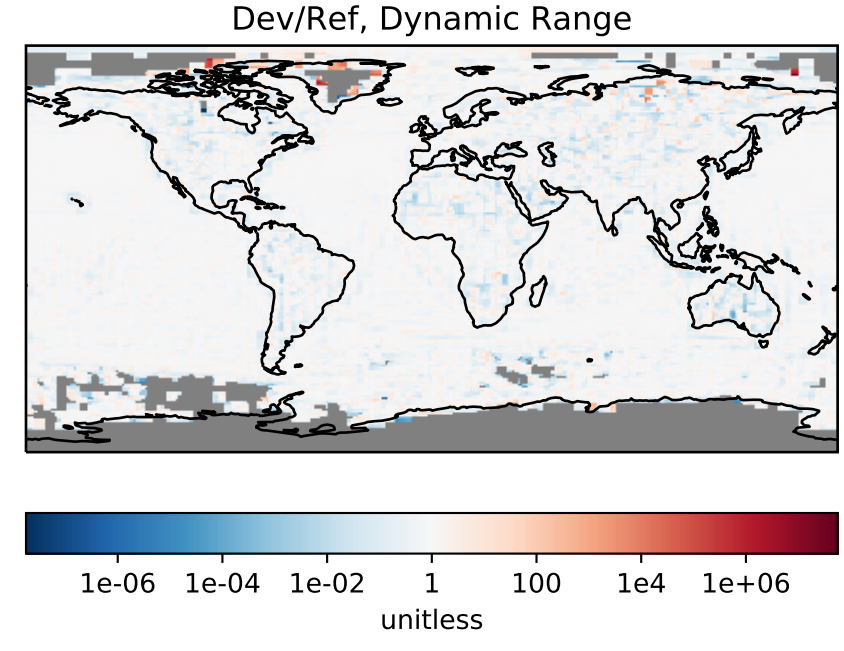

Difference (1x1.25)
Dev - Ref, Dynamic Range



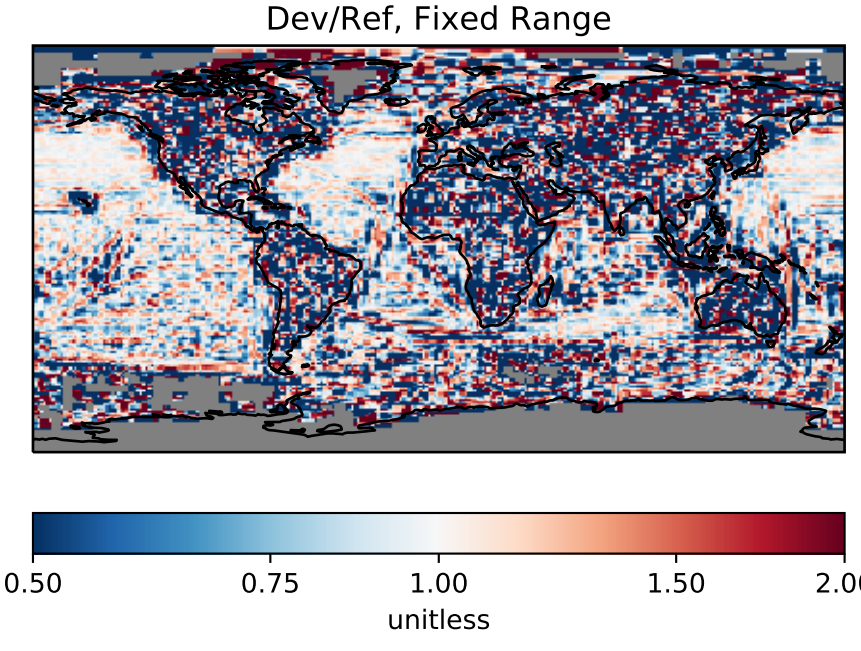

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

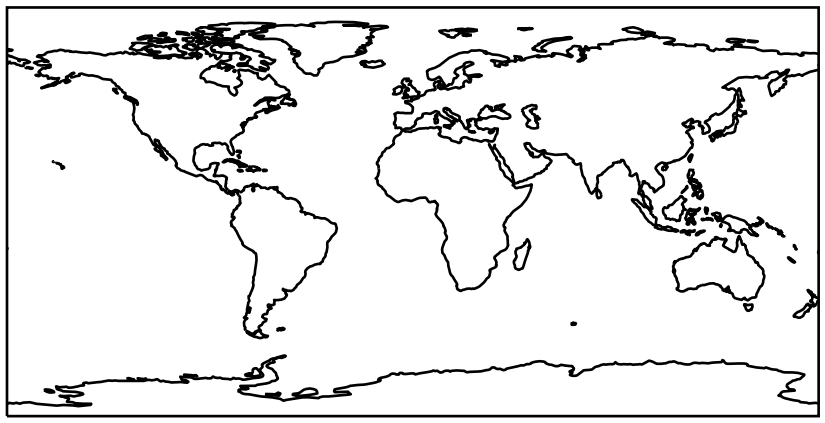



Ratio (1x1.25)
Dev/Ref, Fixed Range



# EmisPOG1_Total (Oct2019)

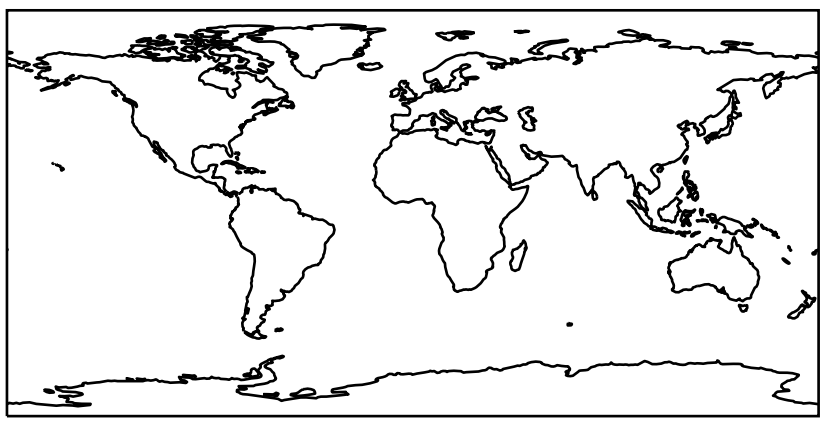
GCC_12.9.0 (Ref)
4.0x5.0





Zero throughout domain
kg/m2/s

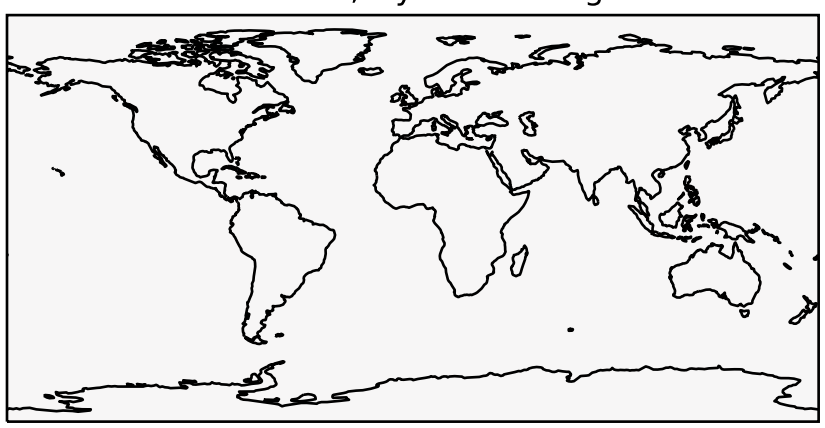
GCC_13.0.0-beta.1 (Dev)
c48





Zero throughout domain
kg/m2/s

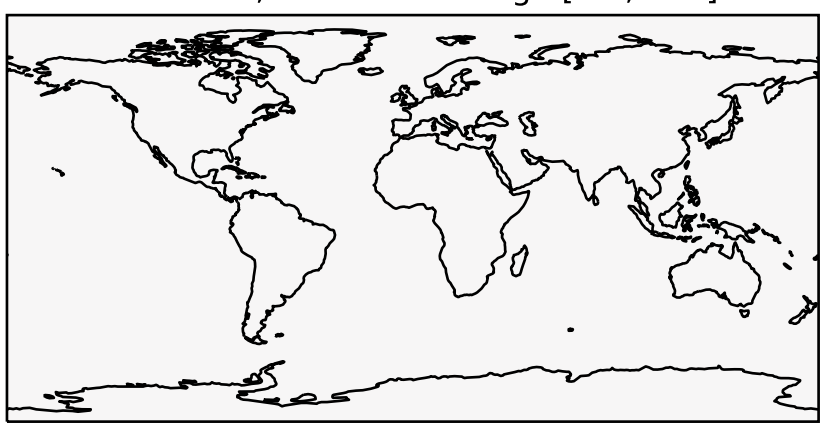
Difference (1x1.25)
Dev - Ref, Dynamic Range





Zero throughout domain
kg/m2/s

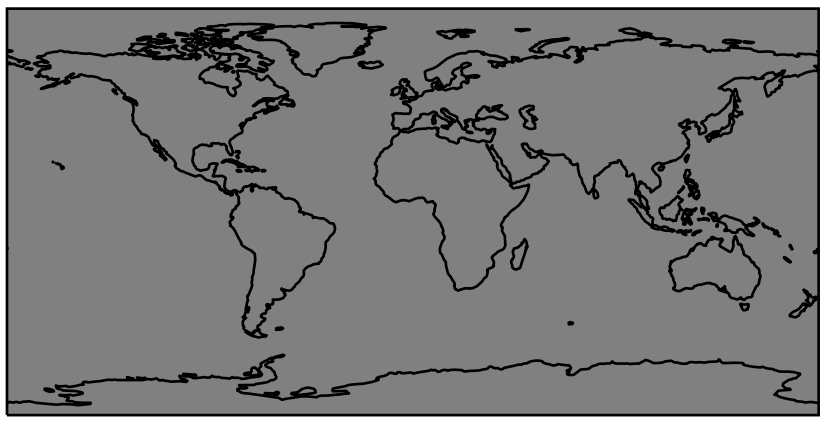
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]





Zero throughout domain
kg/m2/s

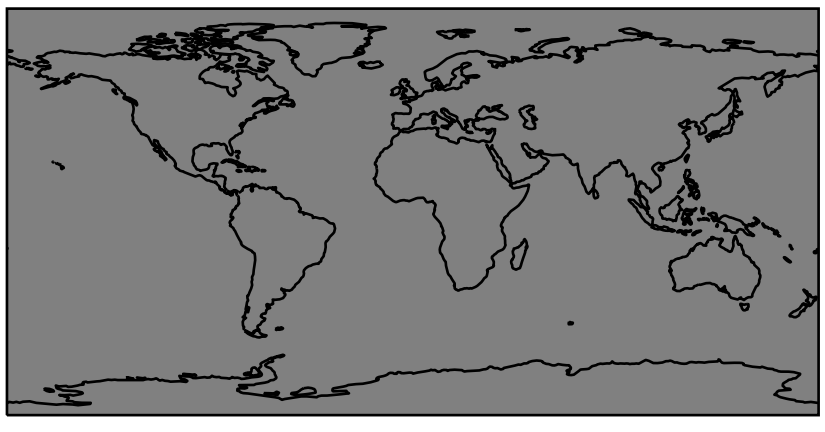
Ratio (1x1.25)
Dev/Ref, Dynamic Range





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unitless

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

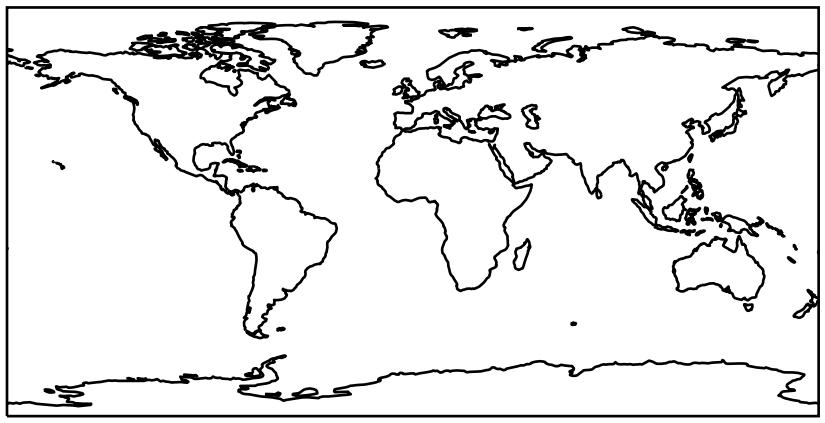




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unitless

# EmisPOG2_Total (Oct2019)

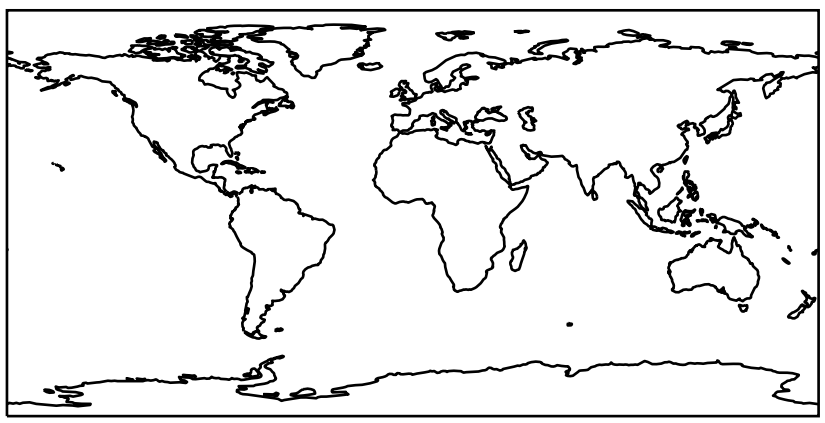
GCC_12.9.0 (Ref)
4.0x5.0





Zero throughout domain
kg/m2/s

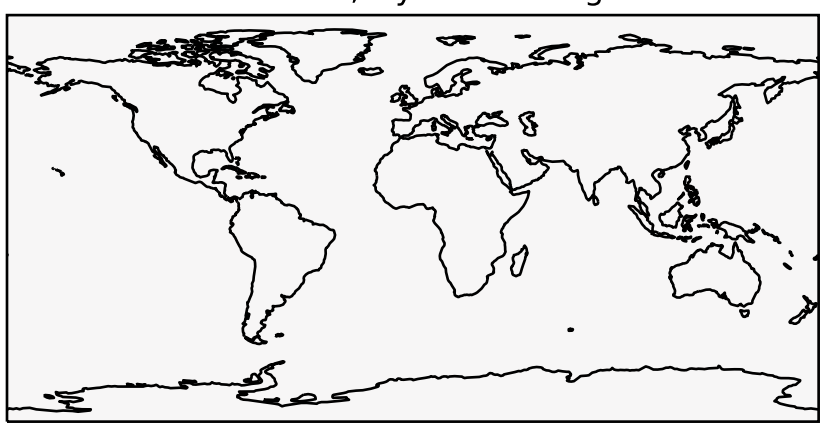
GCC_13.0.0-beta.1 (Dev)
c48





Zero throughout domain
kg/m2/s

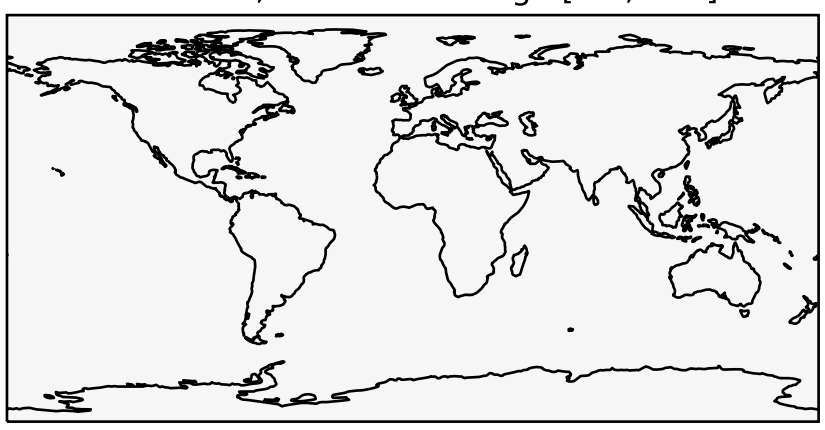
Difference (1x1.25)
Dev - Ref, Dynamic Range





Zero throughout domain
kg/m2/s

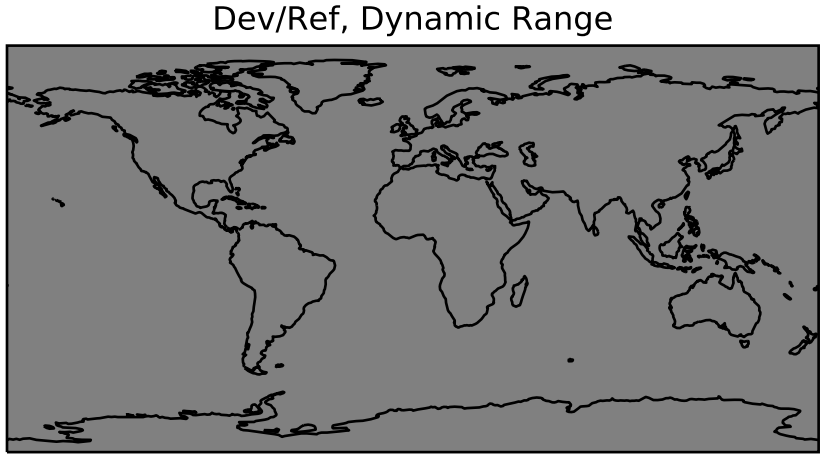
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]





Zero throughout domain
kg/m2/s

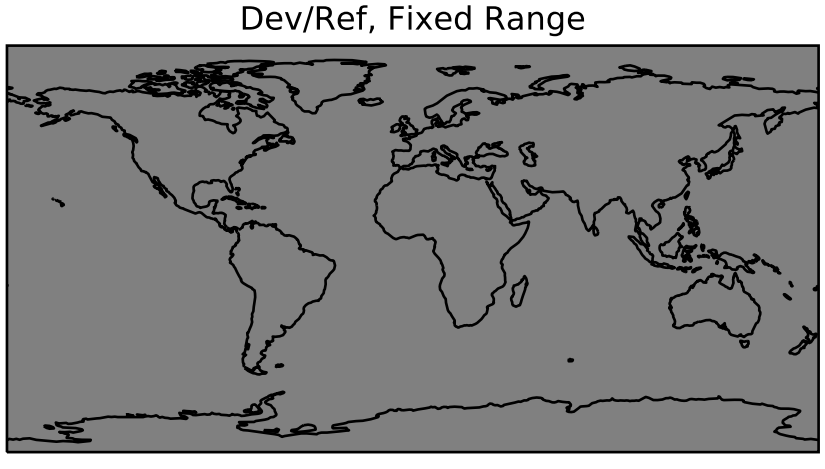
Ratio (1x1.25)
Dev/Ref, Dynamic Range





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unitless

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

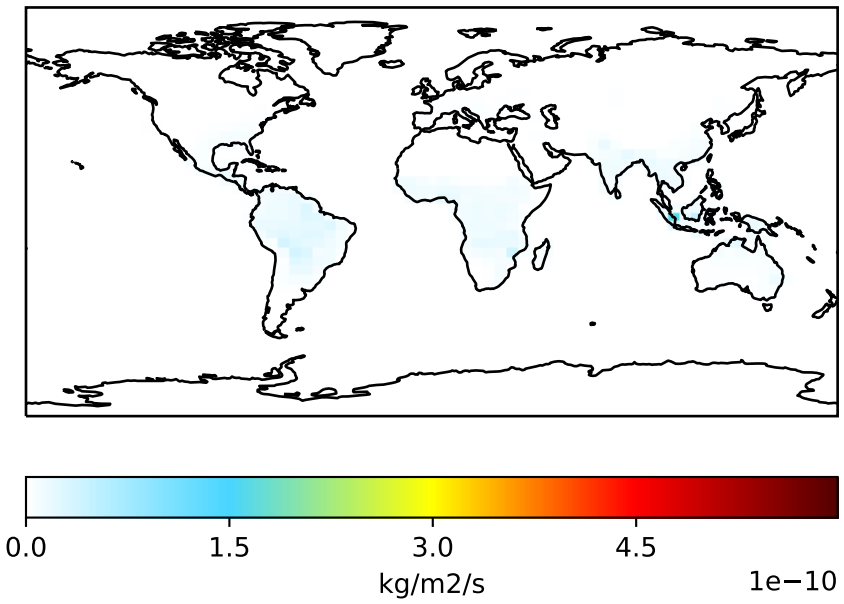




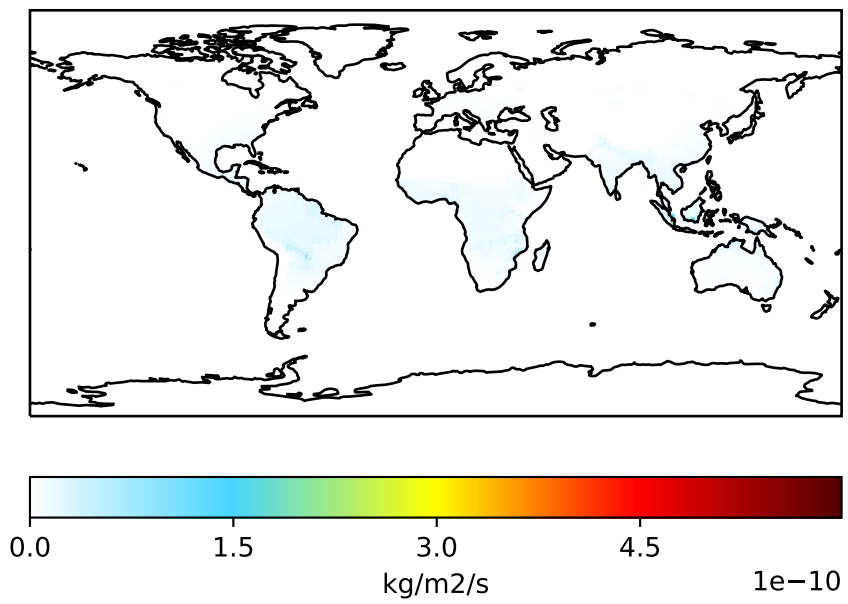
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# EmisPRPE_Total (Oct2019)

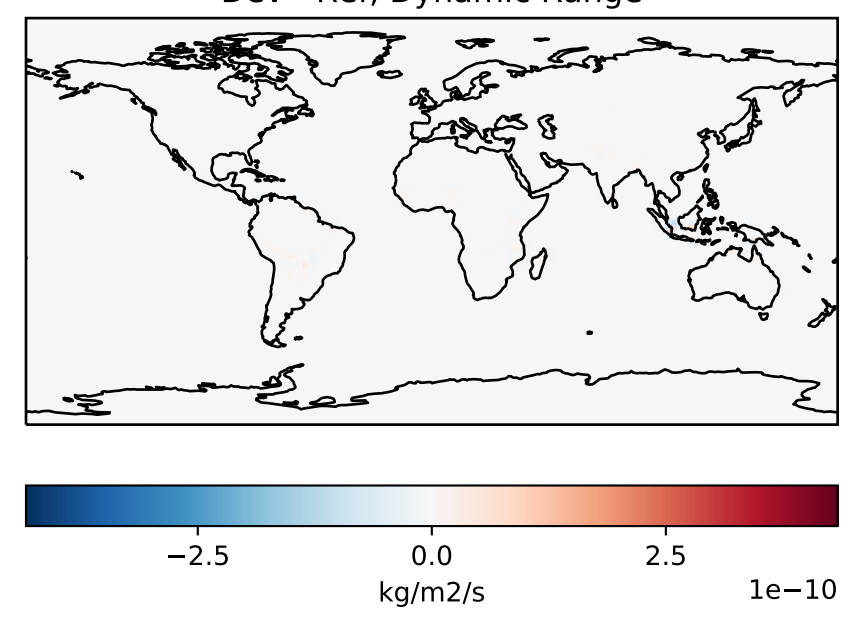
GCC_12.9.0 (Ref)
4.0x5.0



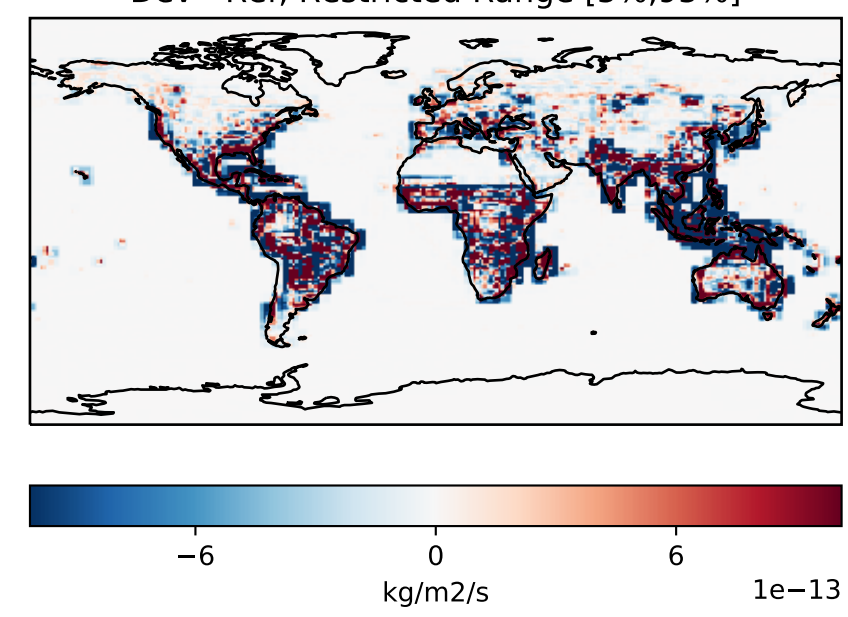

GCC_13.0.0-beta.1 (Dev)
c48



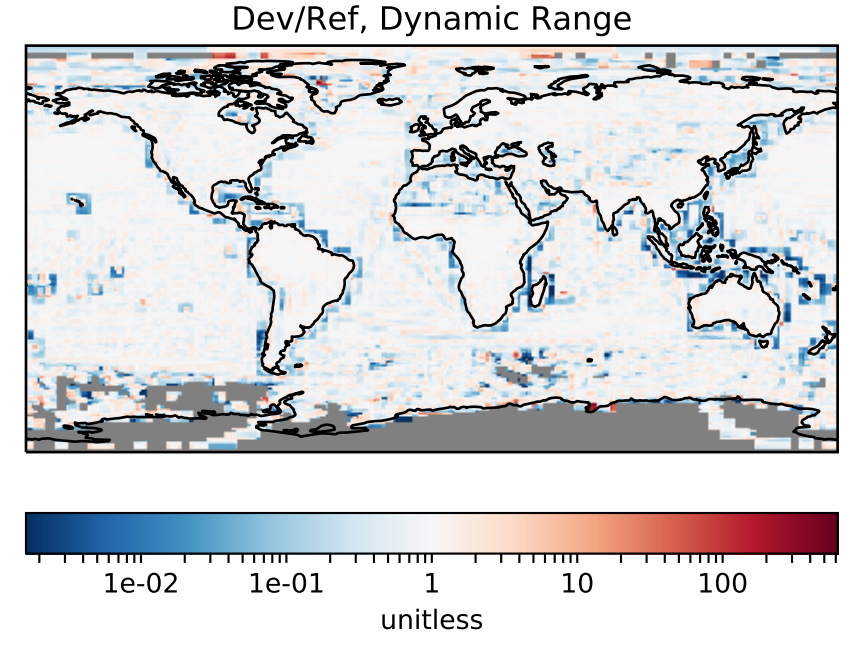

Difference (1x1.25)
Dev - Ref, Dynamic Range



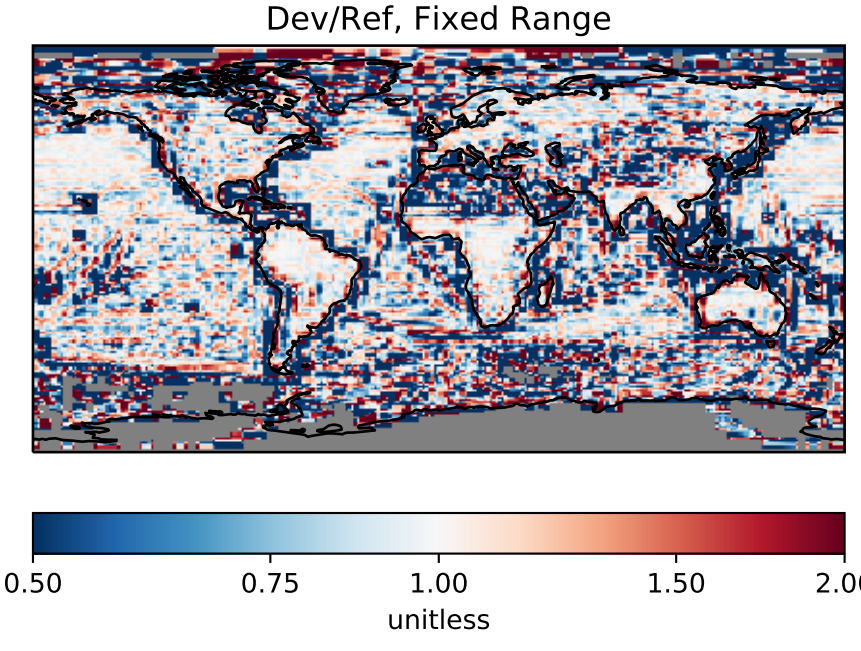

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

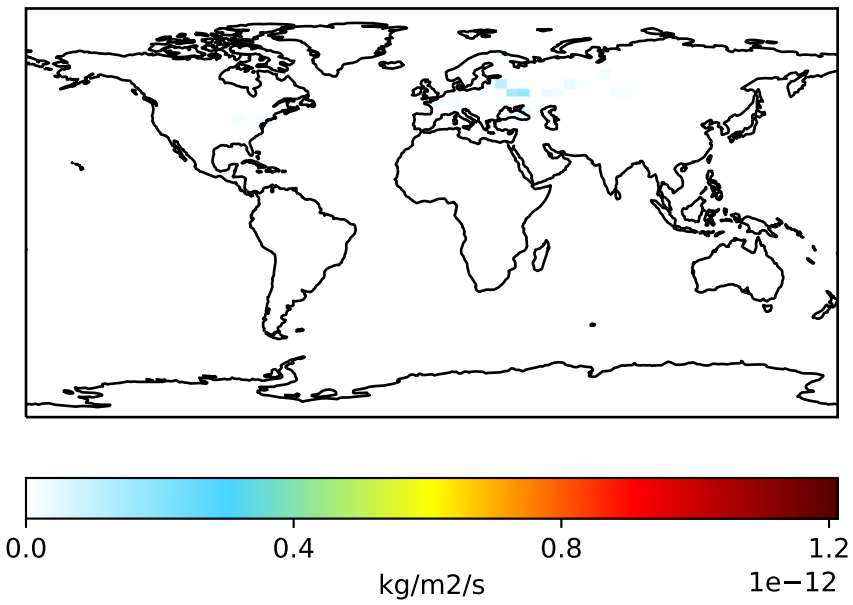



Ratio (1x1.25)
Dev/Ref, Fixed Range

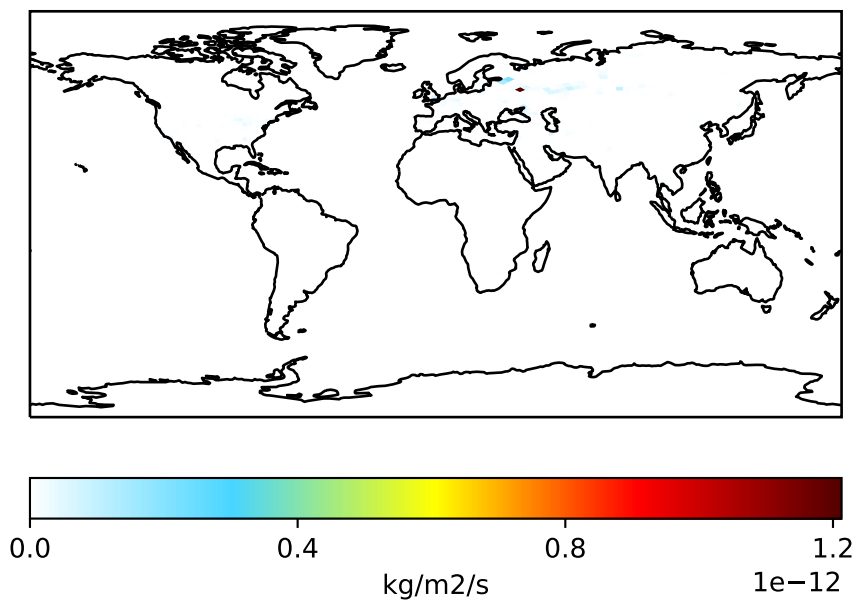


# EmisRCHO_Total (Oct2019)

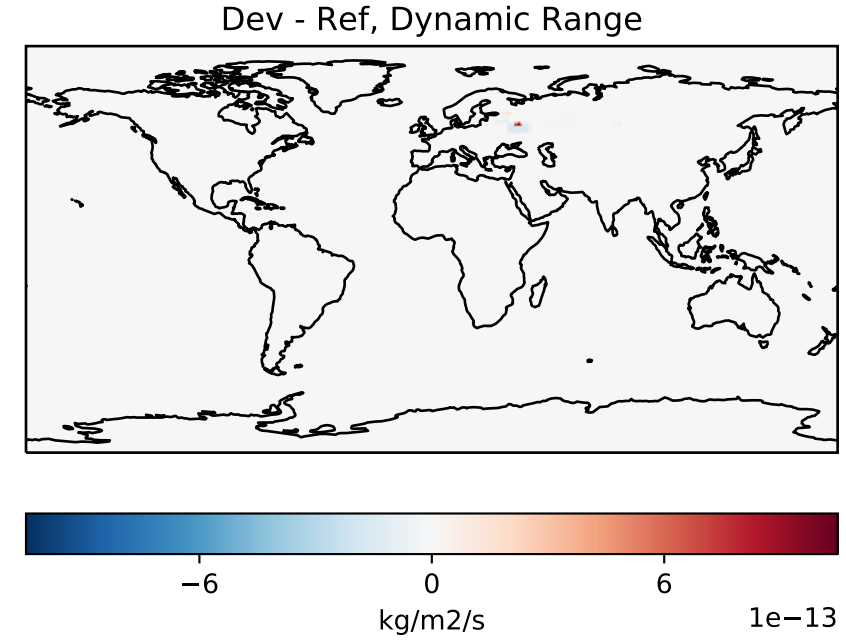
GCC_12.9.0 (Ref)
4.0x5.0



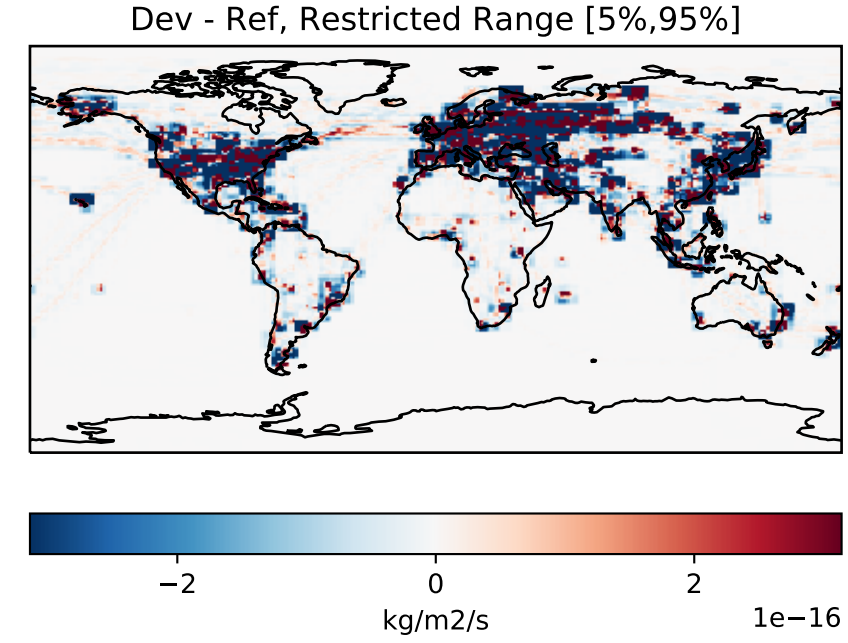

GCC_13.0.0-beta.1 (Dev)
c48



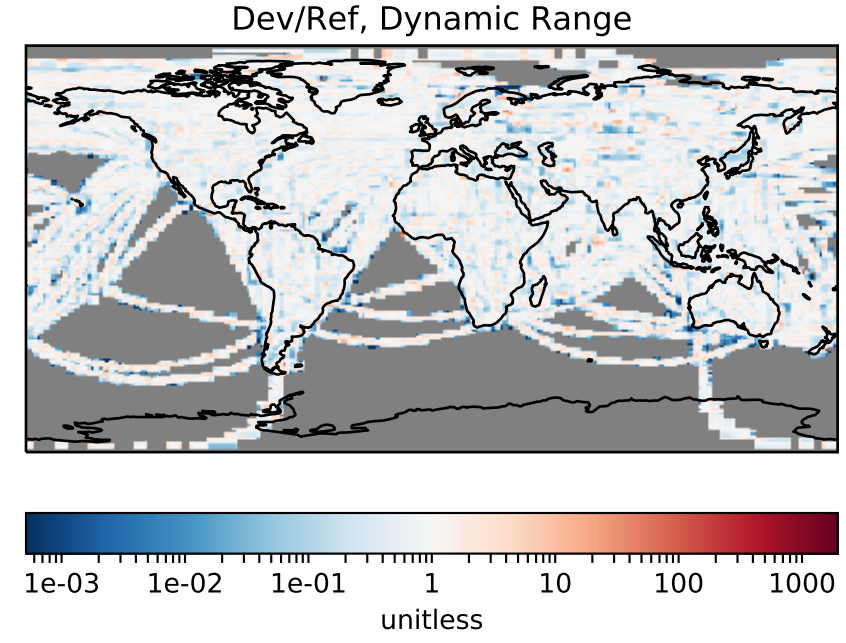

Difference (1x1.25)
Dev - Ref, Dynamic Range



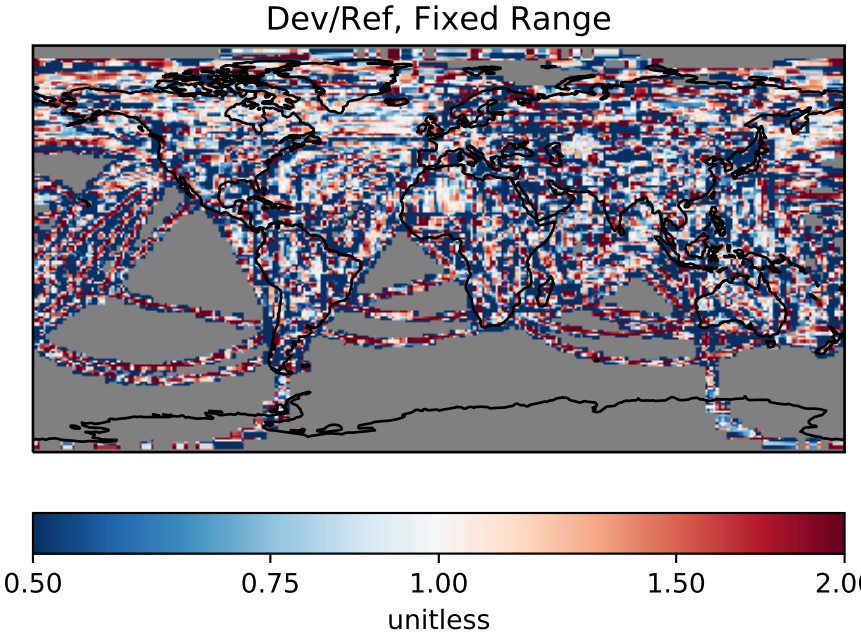

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

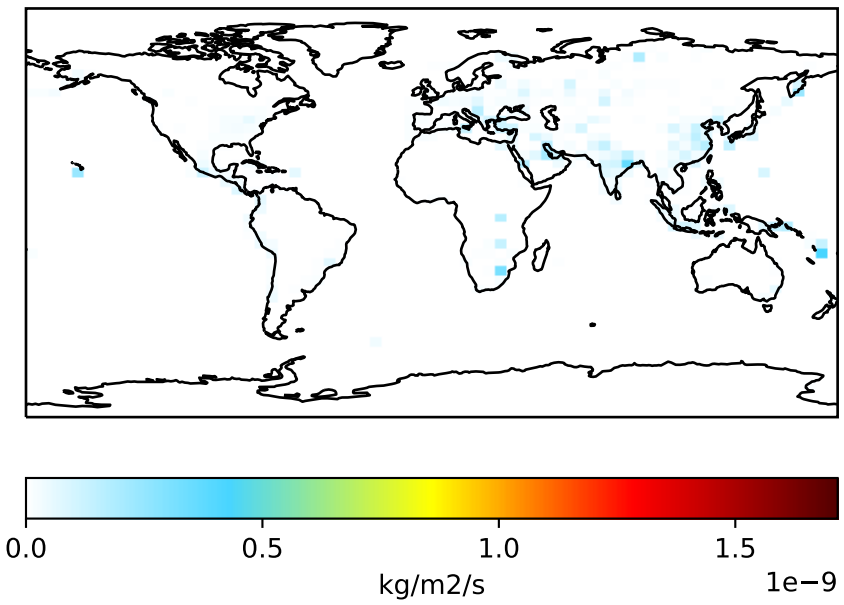



Ratio (1x1.25)
Dev/Ref, Fixed Range

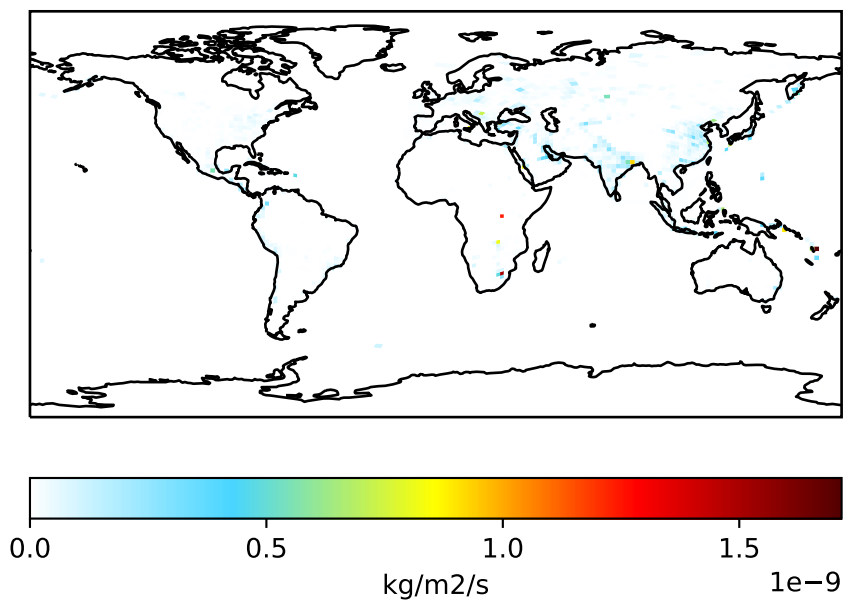


# EmisSO2_Total (Oct2019)

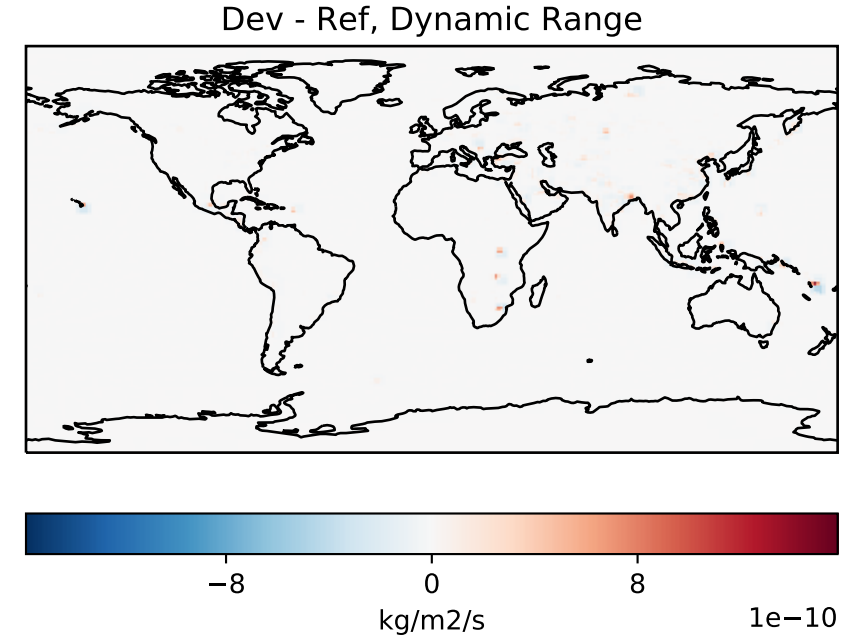
GCC_12.9.0 (Ref)
4.0x5.0



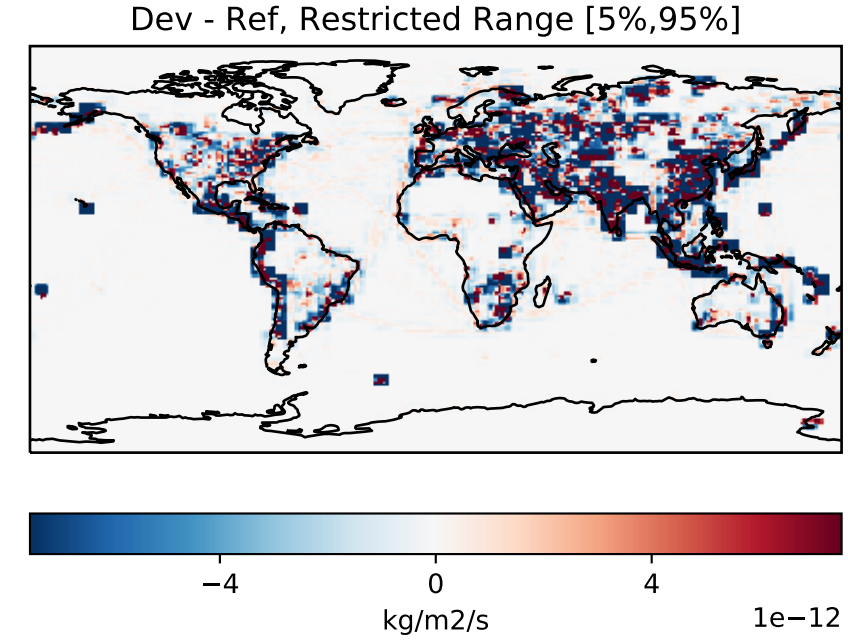

GCC_13.0.0-beta.1 (Dev)
c48



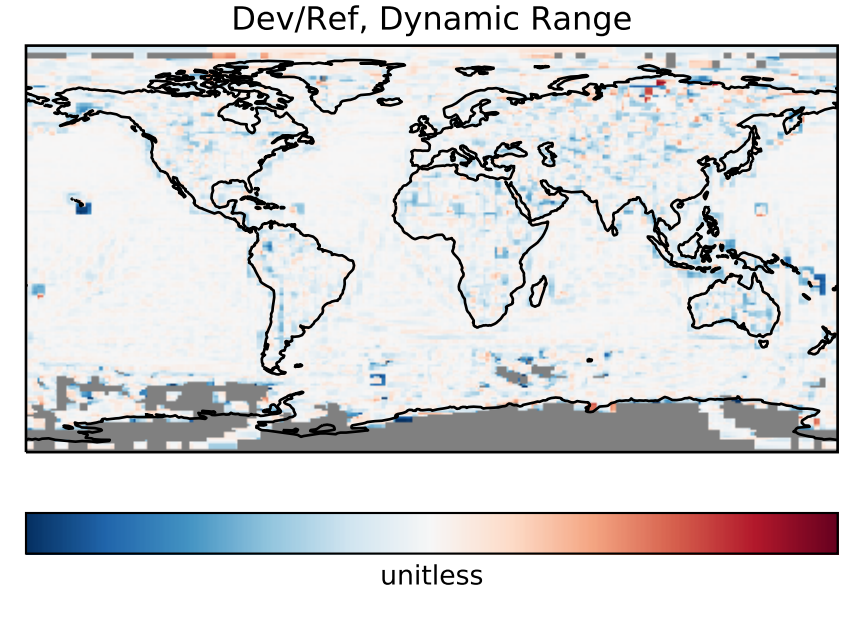

Difference (1x1.25)
Dev - Ref, Dynamic Range



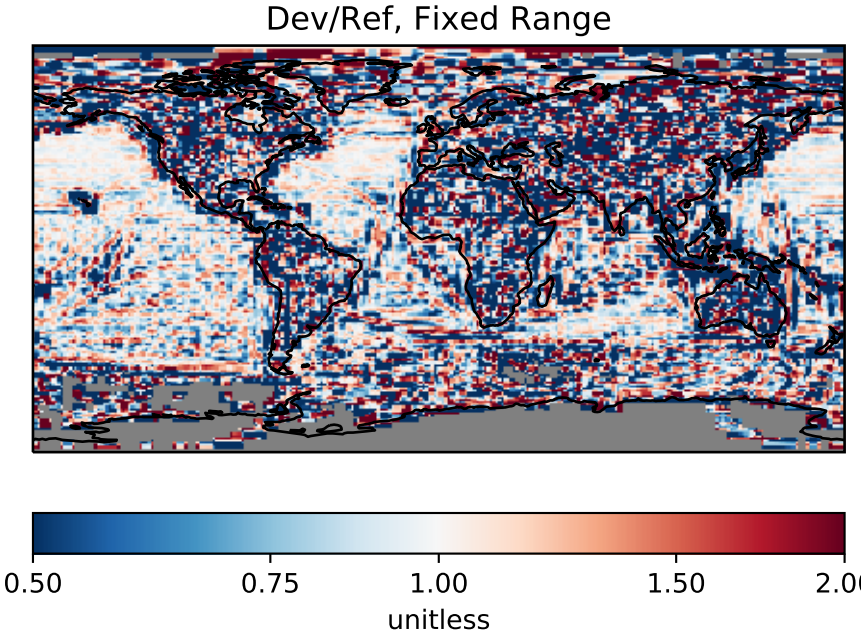

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

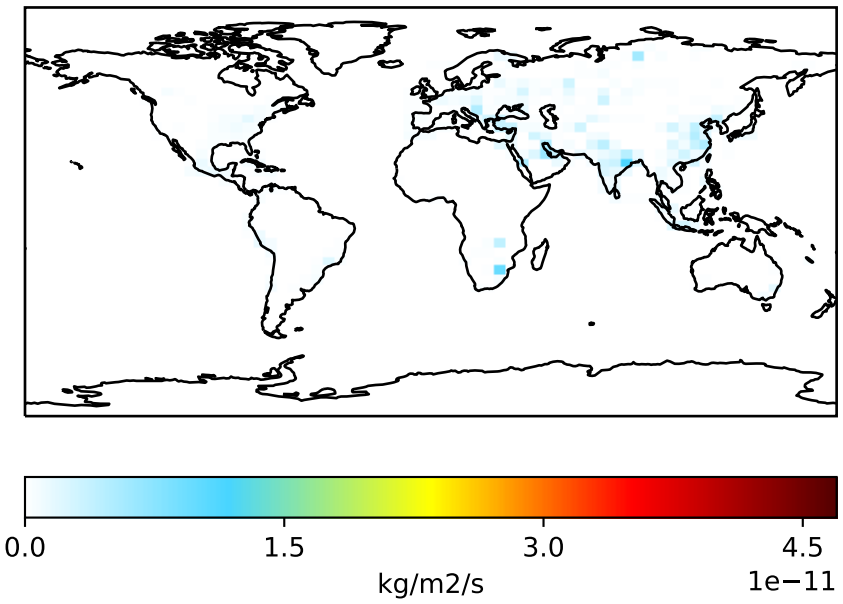



Ratio (1x1.25)
Dev/Ref, Fixed Range

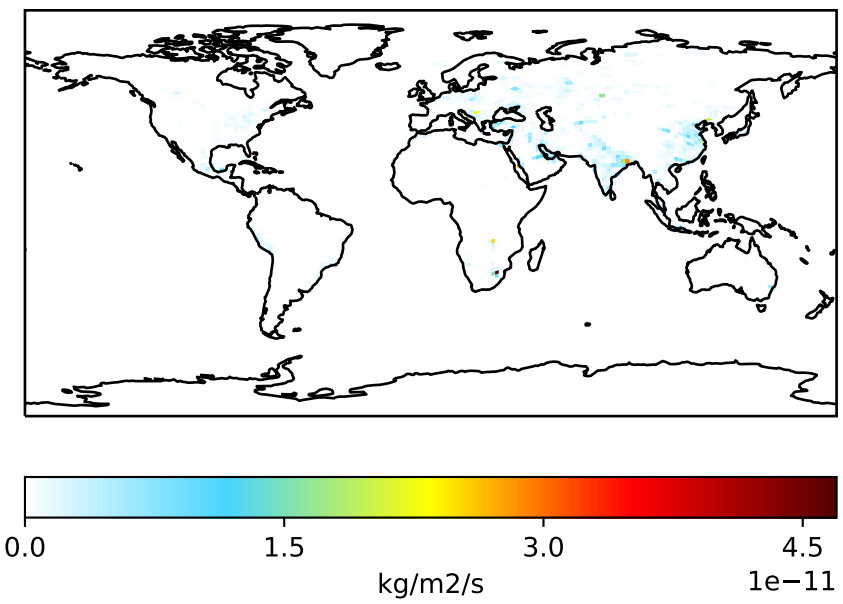


# EmisSO4_Total (Oct2019)

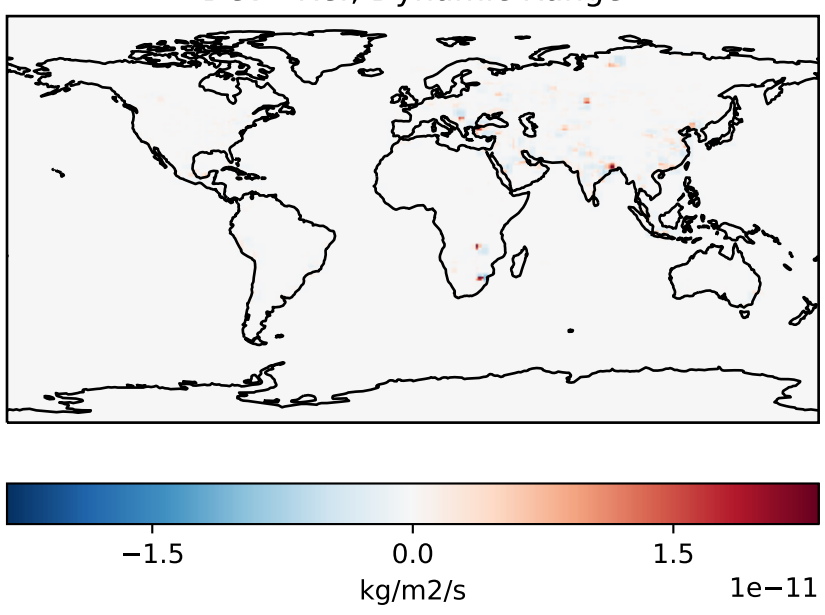
GCC_12.9.0 (Ref)
4.0x5.0



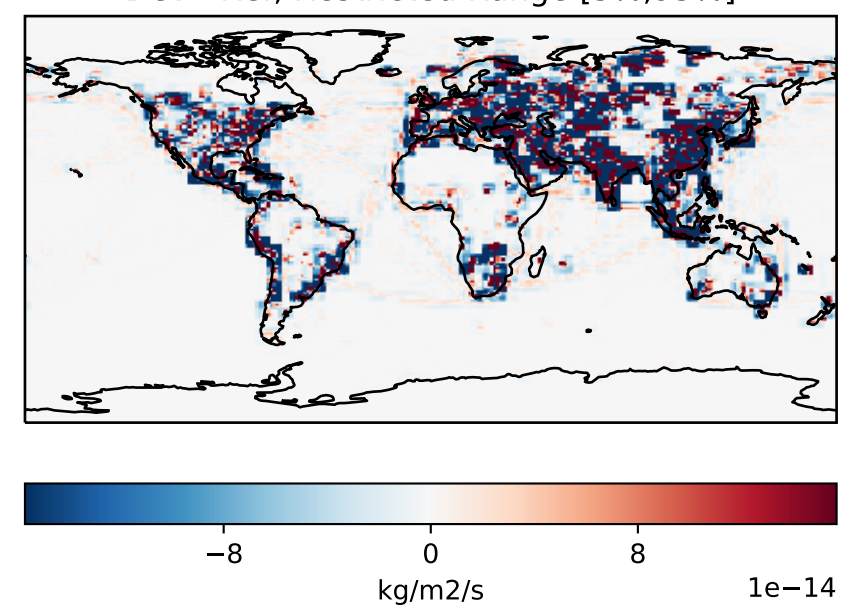

GCC_13.0.0-beta.1 (Dev)
c48



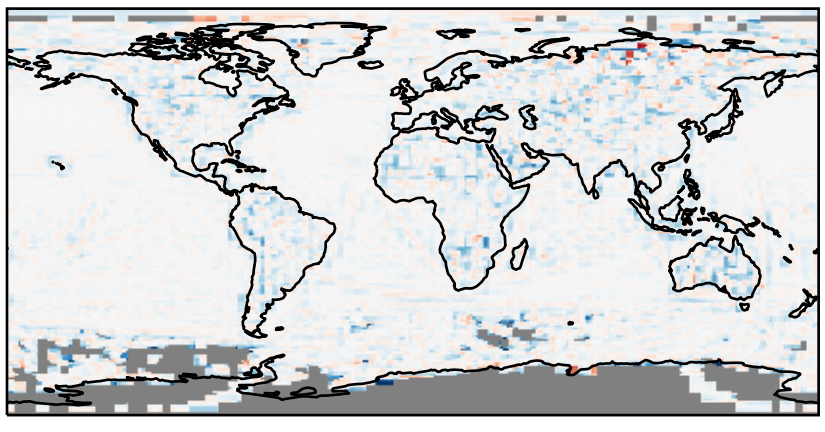

Difference (1x1.25)
Dev - Ref, Dynamic Range



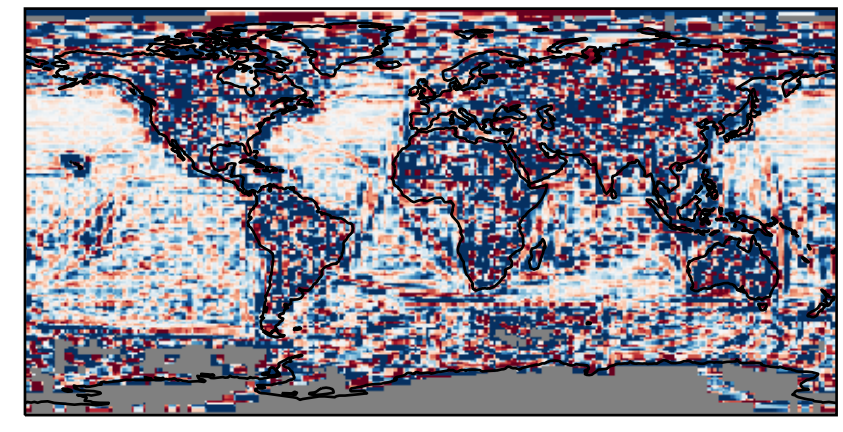

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

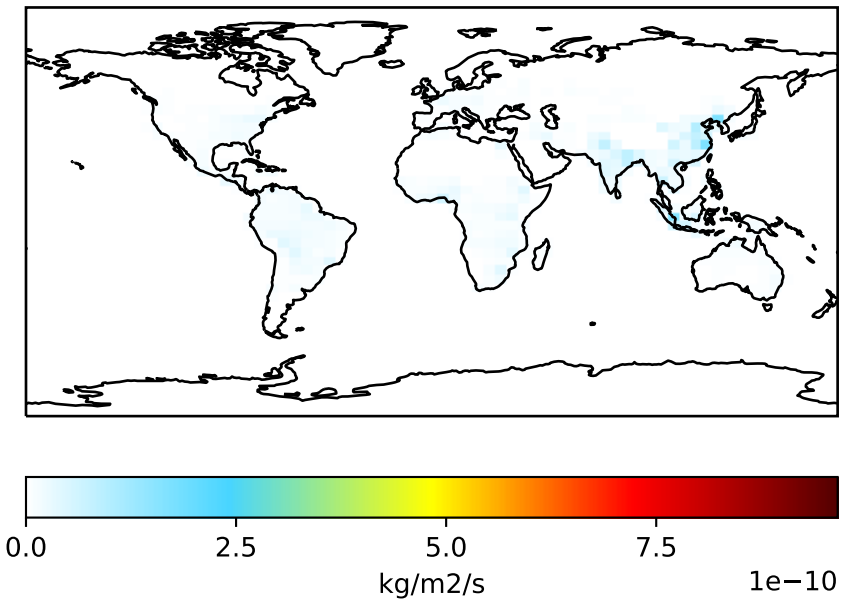



Ratio (1x1.25)
Dev/Ref, Fixed Range

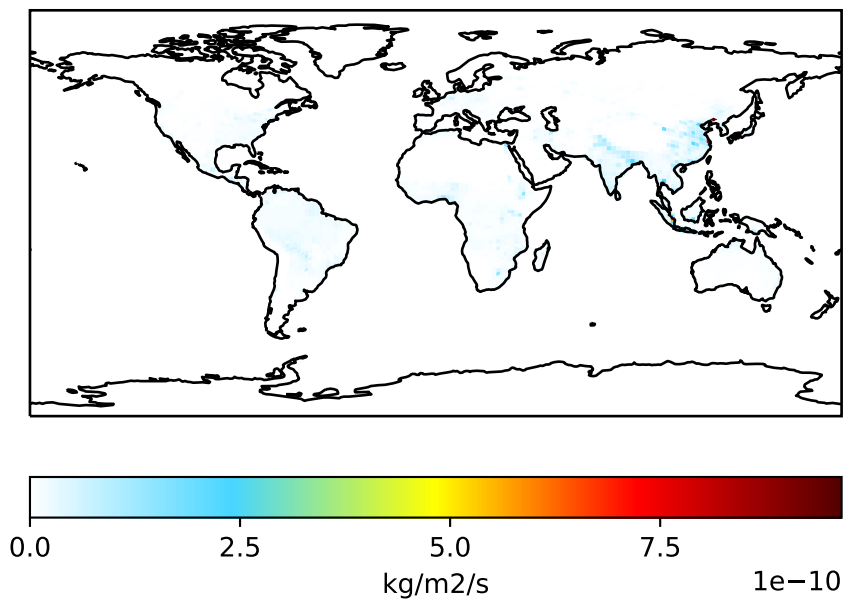


# EmisSOAP_Total (Oct2019)

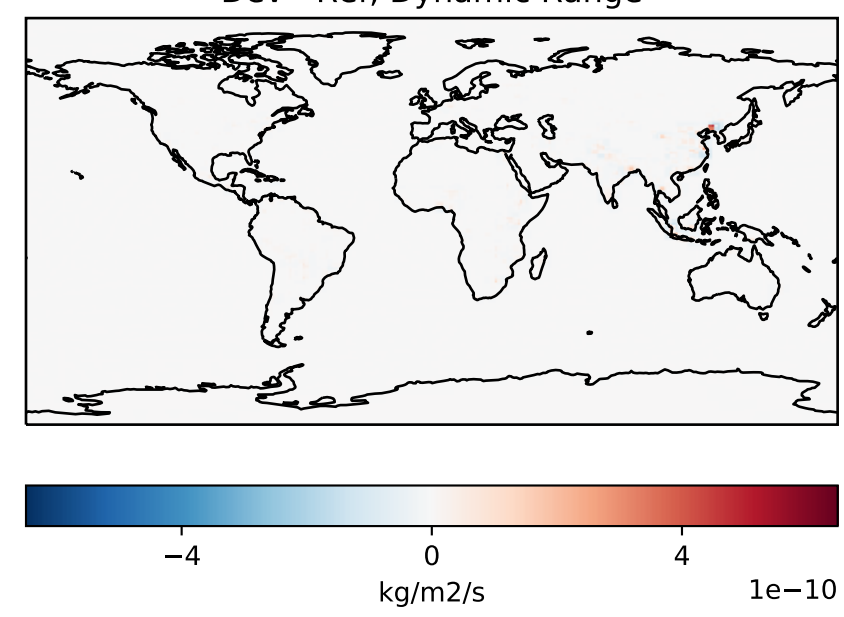
GCC_12.9.0 (Ref)
4.0x5.0



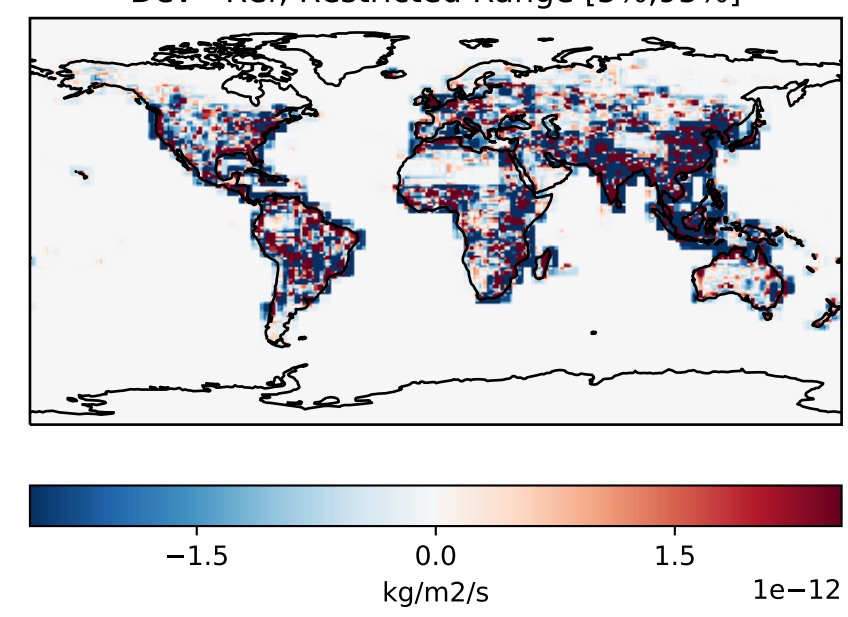

GCC_13.0.0-beta.1 (Dev)
c48



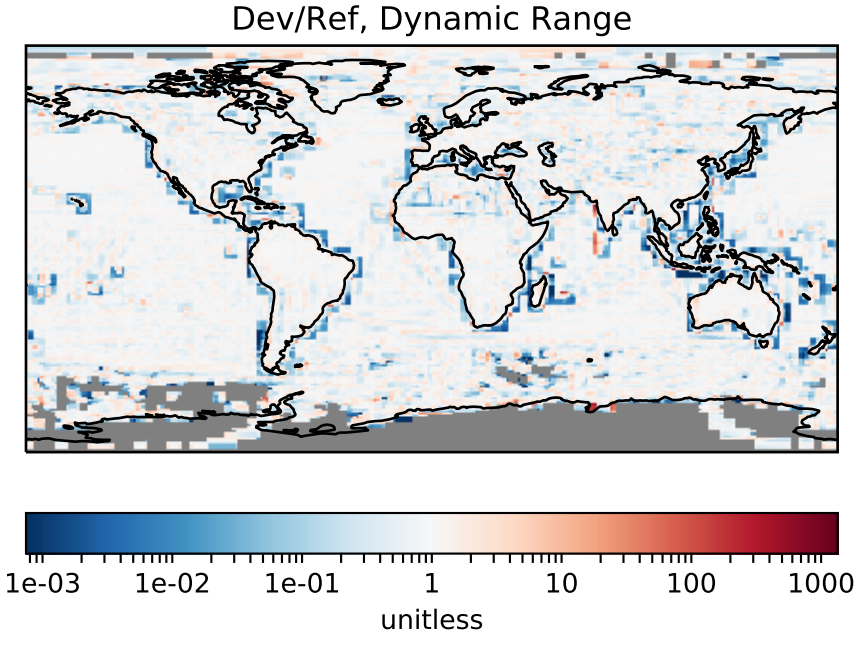

Difference (1x1.25)
Dev - Ref, Dynamic Range



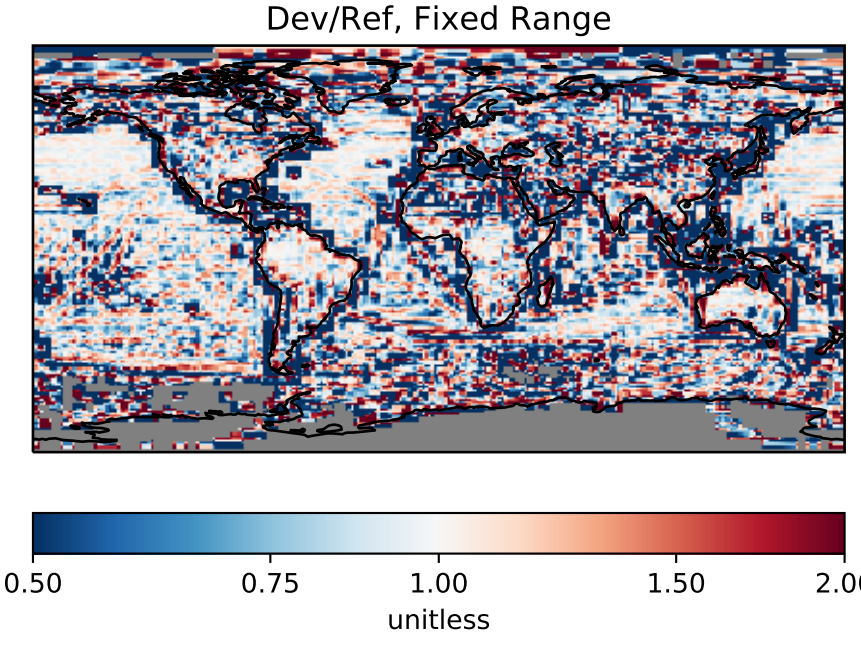

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

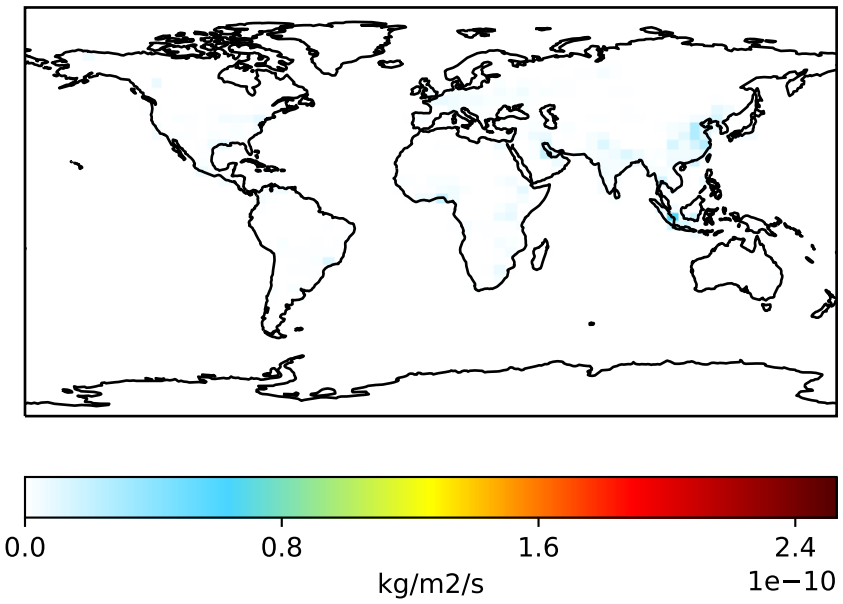



Ratio (1x1.25)
Dev/Ref, Fixed Range

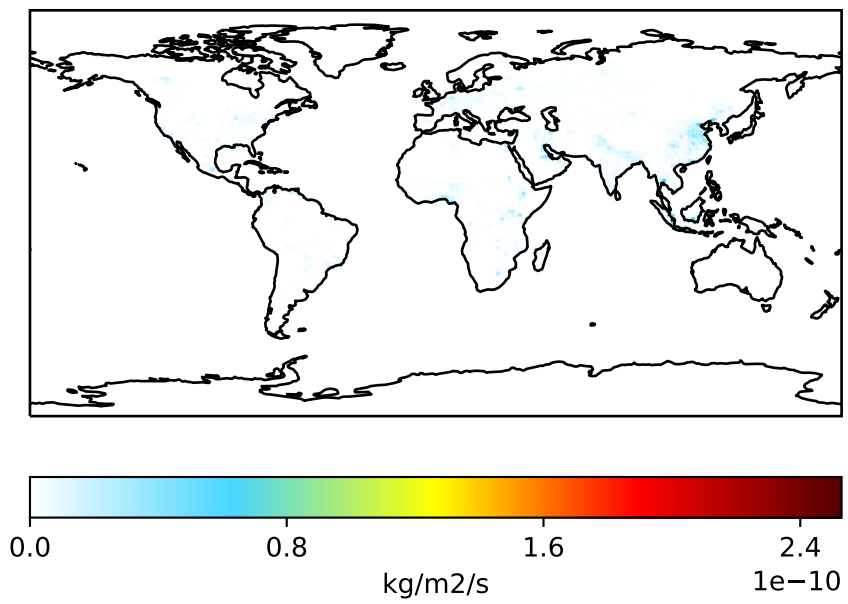


# EmisTOLU_Total (Oct2019)

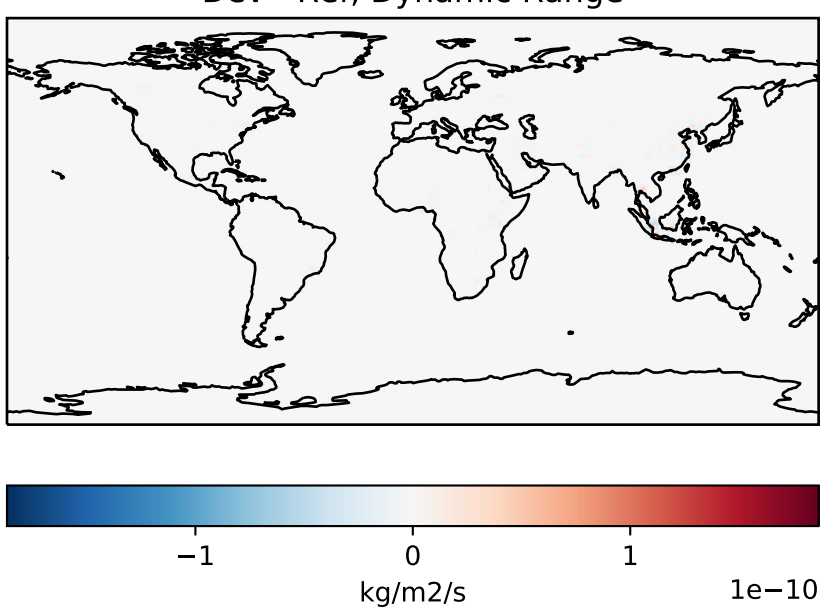
GCC_12.9.0 (Ref)
4.0x5.0



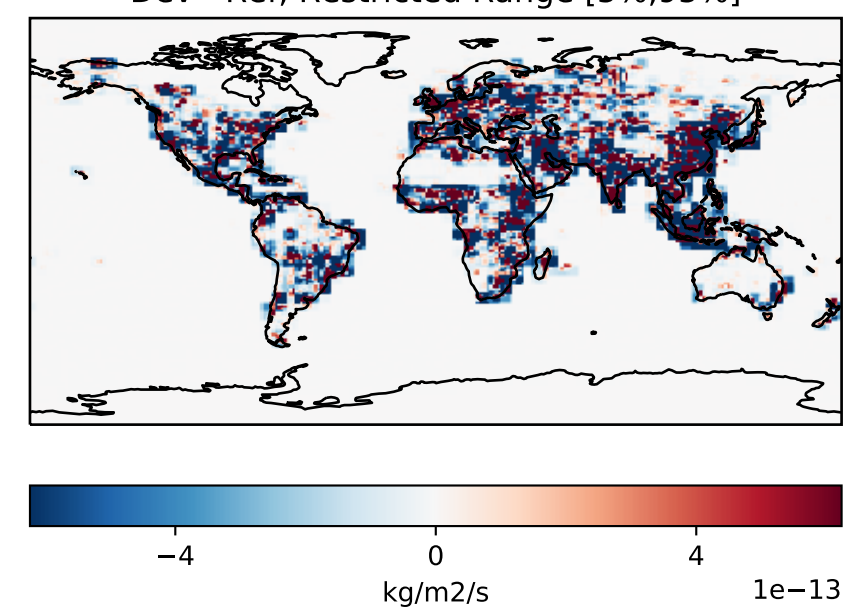

GCC_13.0.0-beta.1 (Dev)
c48



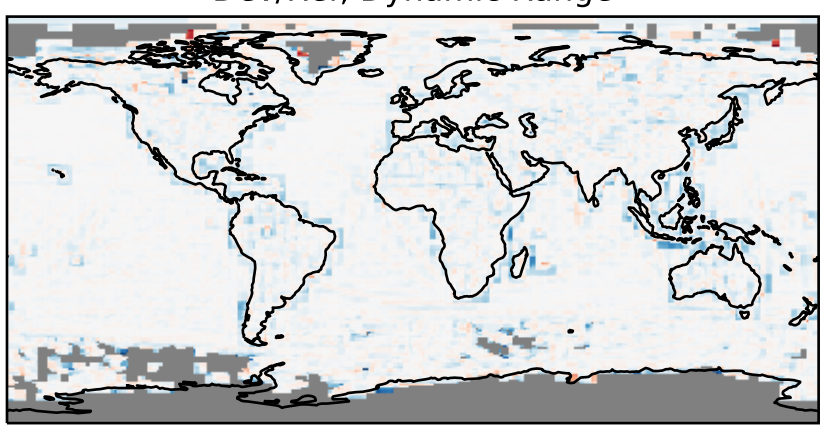

Difference (1x1.25)
Dev - Ref, Dynamic Range



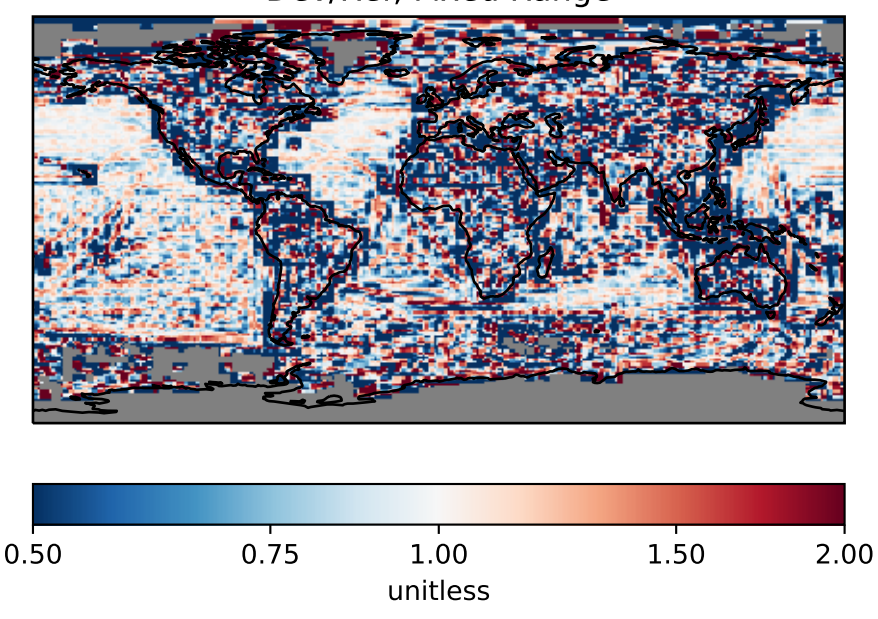

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

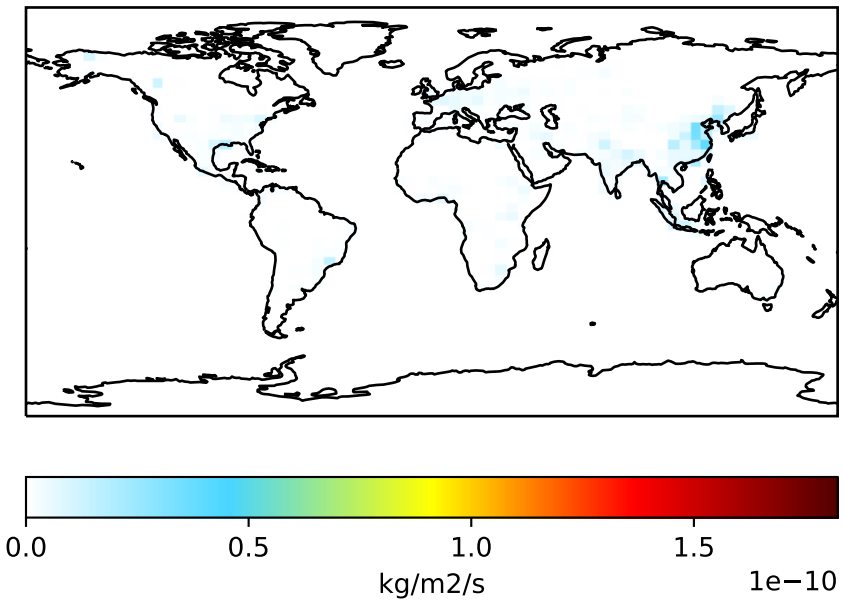



Ratio (1x1.25)
Dev/Ref, Fixed Range

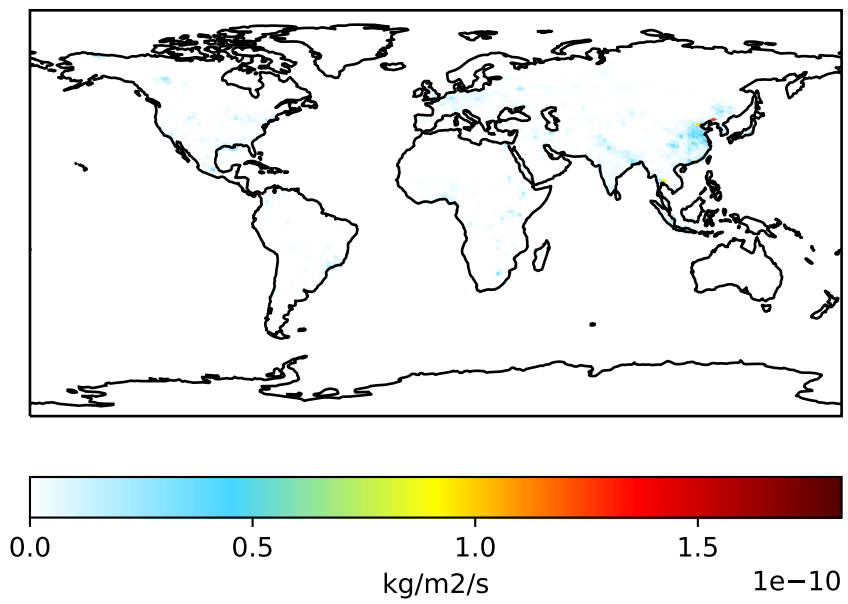


# EmisXYLE_Total (Oct2019)

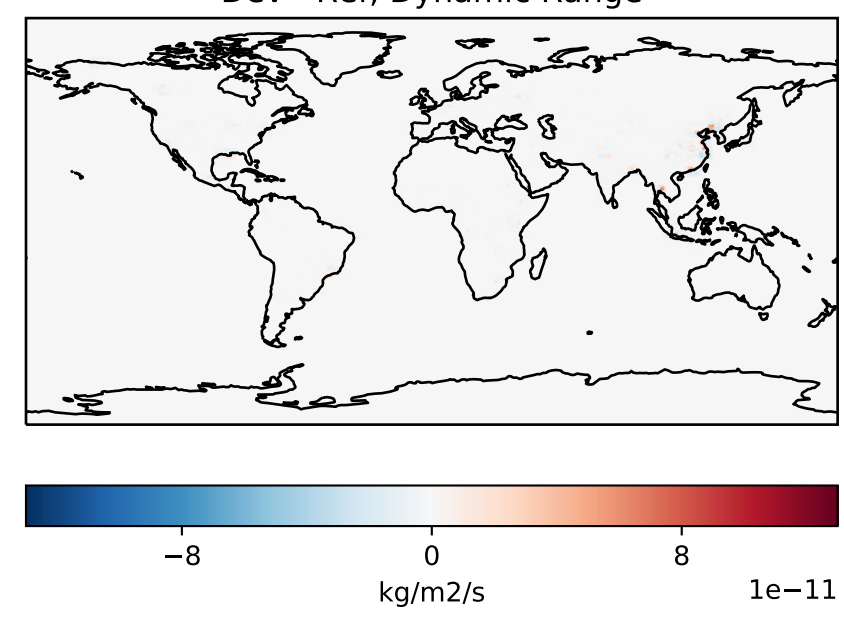
GCC_12.9.0 (Ref)
4.0x5.0



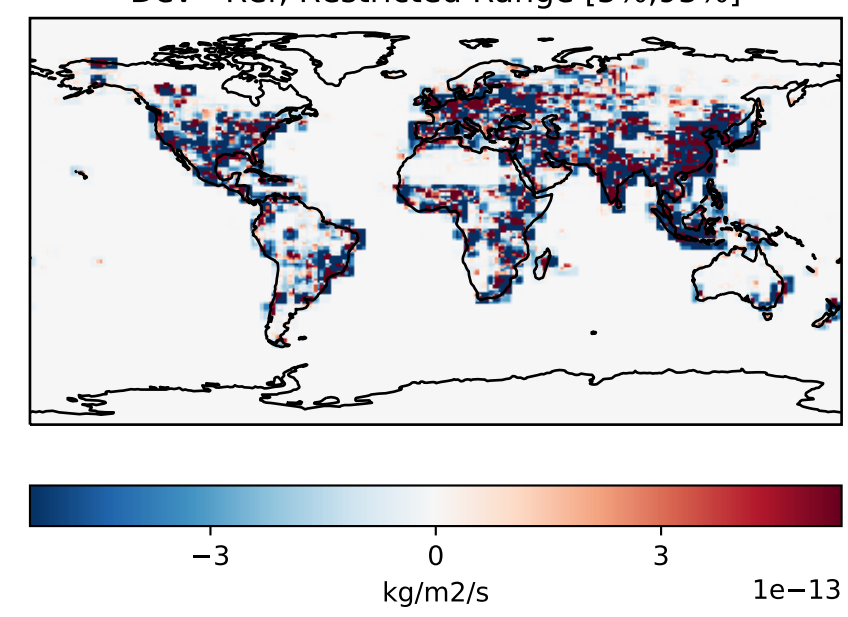

GCC_13.0.0-beta.1 (Dev)
c48



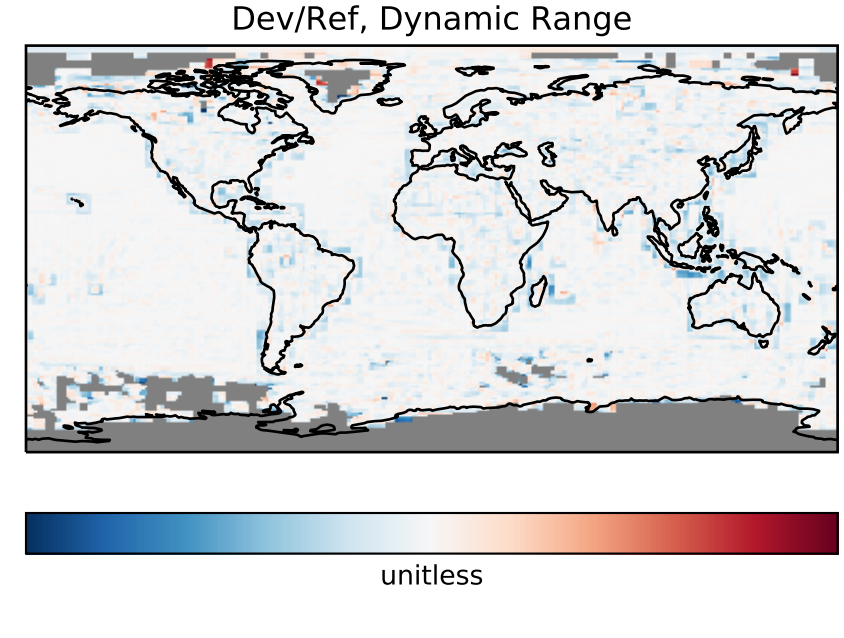

Difference (1x1.25)
Dev - Ref, Dynamic Range




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




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




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

