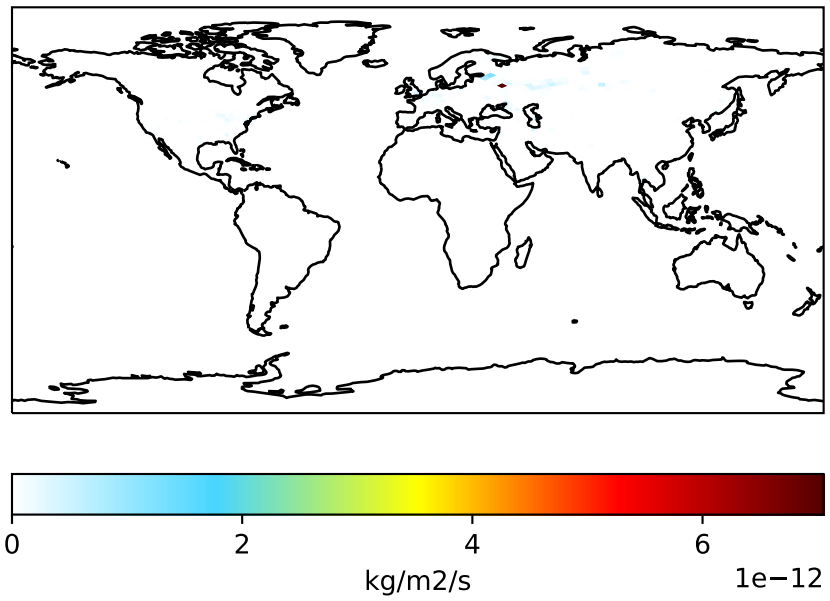
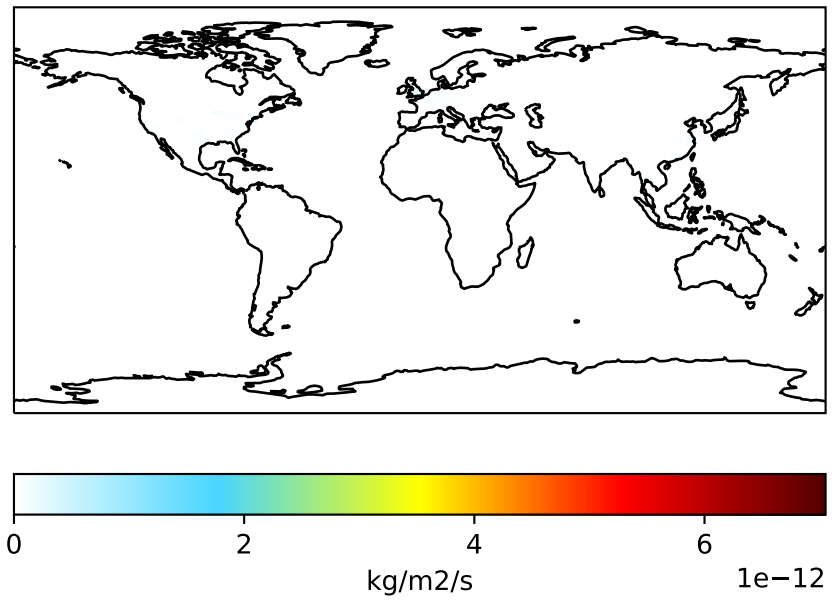
EmisALK4_Aircraft (Oct2019)

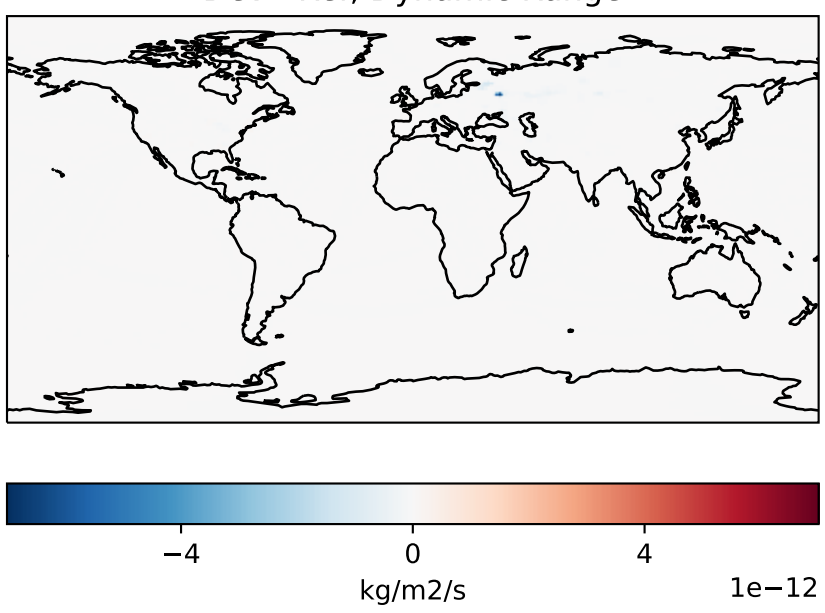
GCHP_13.0.0 (Ref)
c48



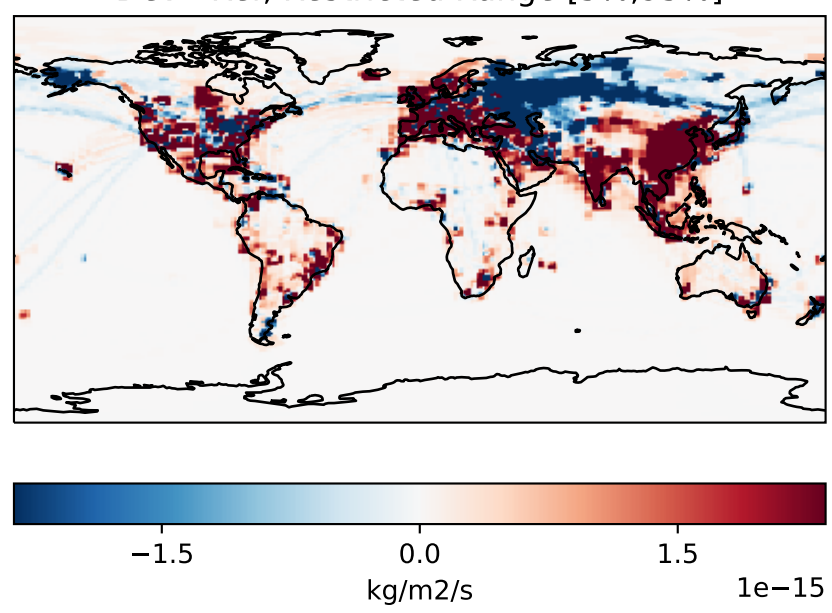
GCHP_14.0.0 (Dev)
c24



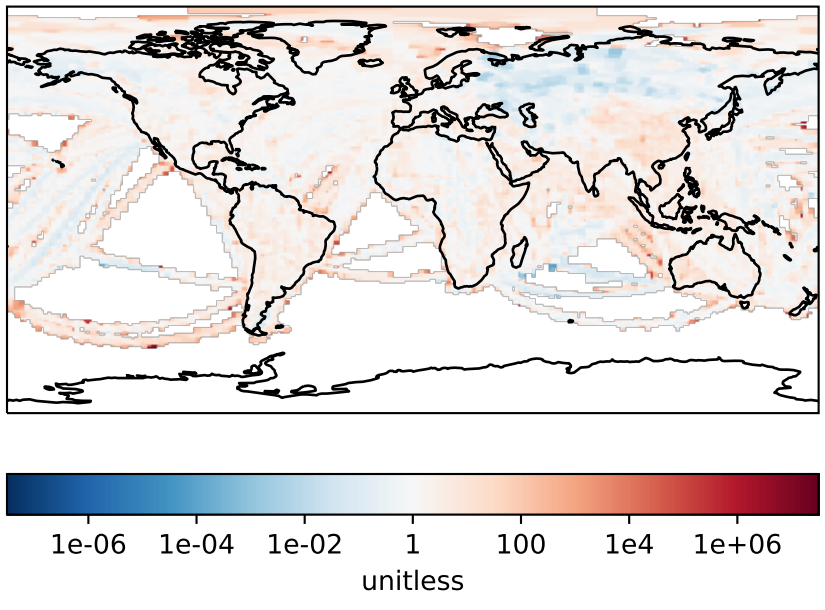
Difference (1x1.25)
Dev - Ref, Dynamic Range



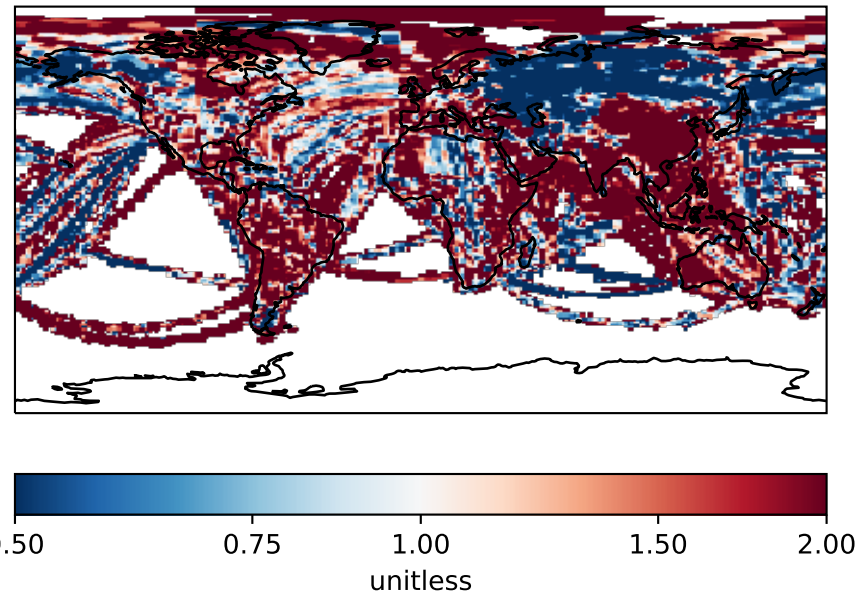
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

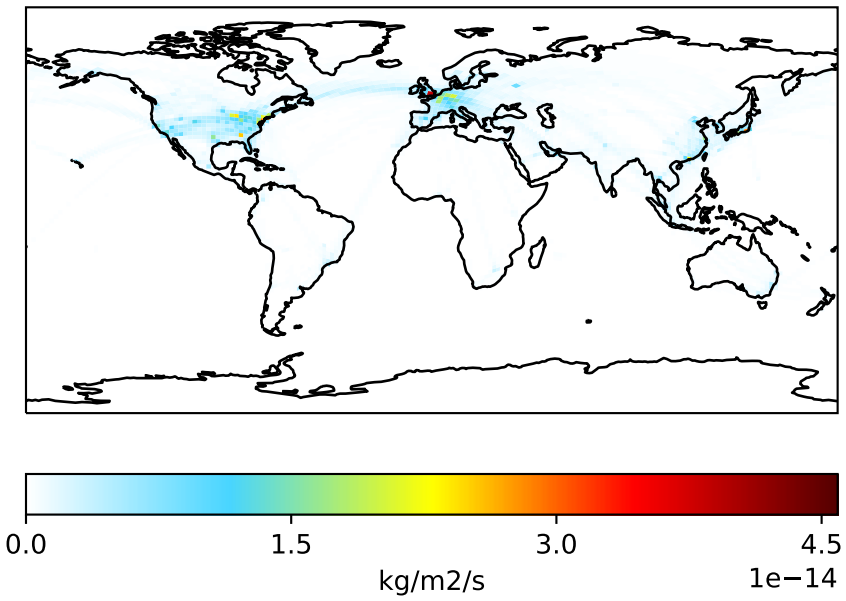


Ratio (1x1.25)
Dev/Ref, Fixed Range

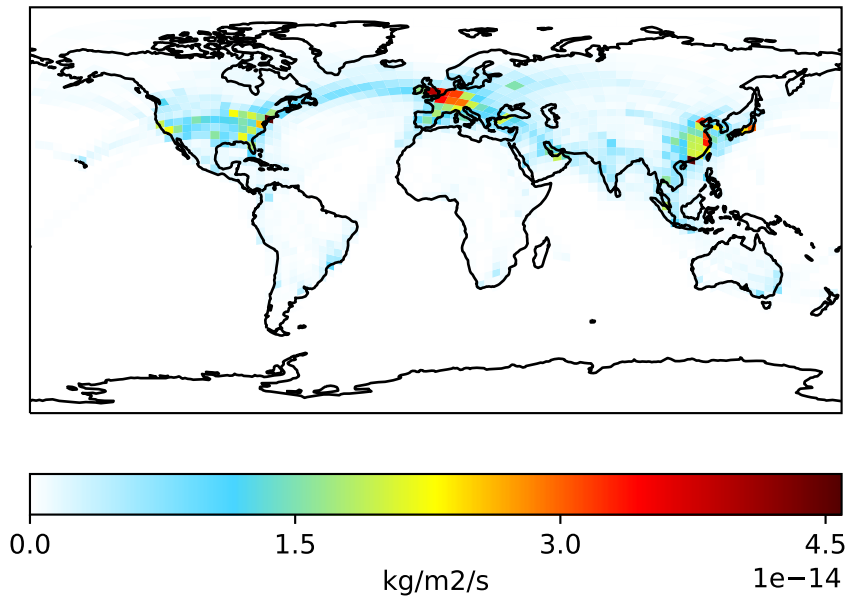


EmisBCPI_Aircraft (Oct2019)

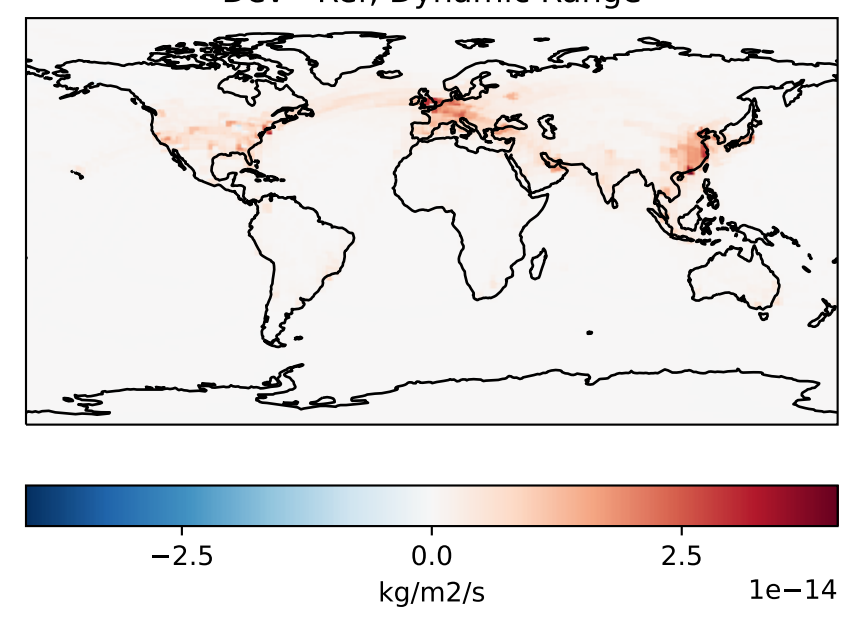
GCHP_13.0.0 (Ref)
c48



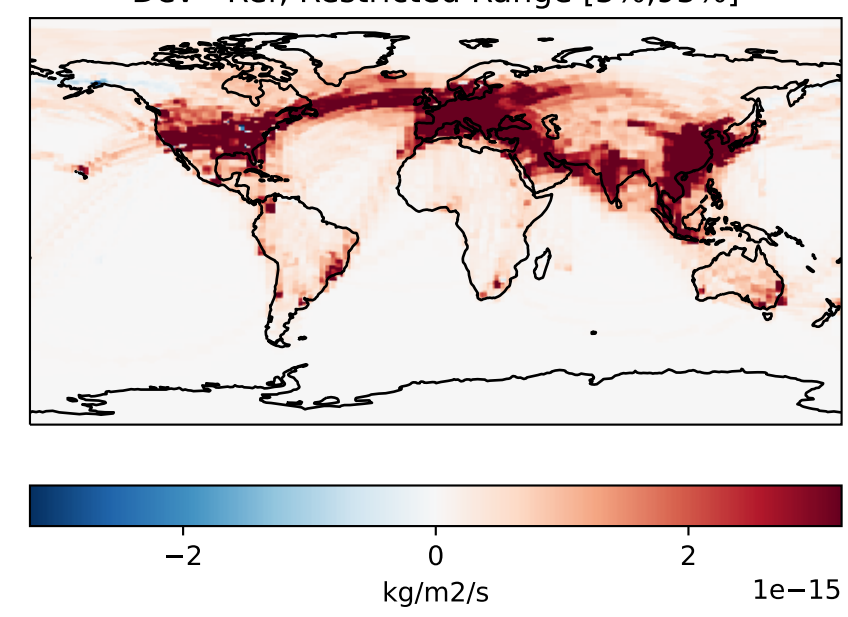
GCHP_14.0.0 (Dev)
c24



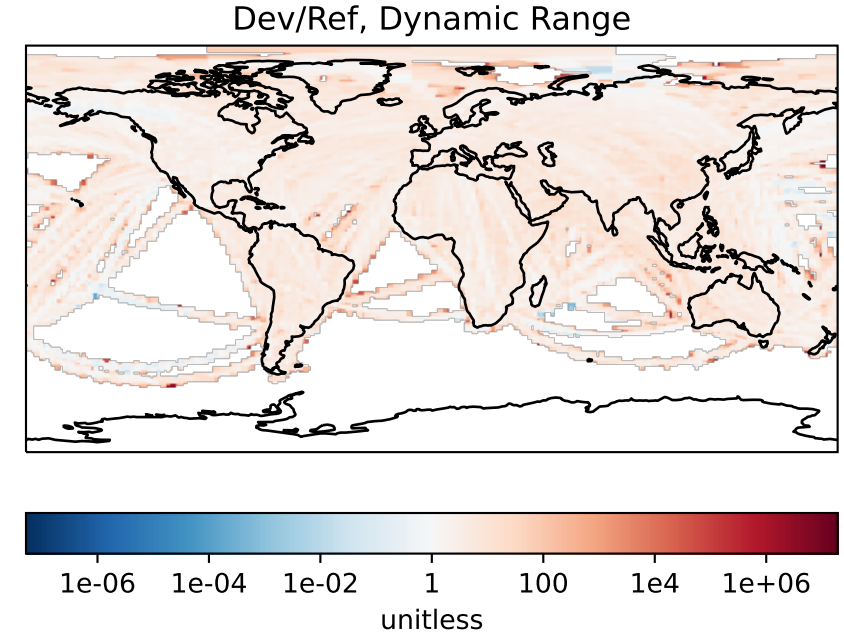
Difference (1x1.25)
Dev - Ref, Dynamic Range



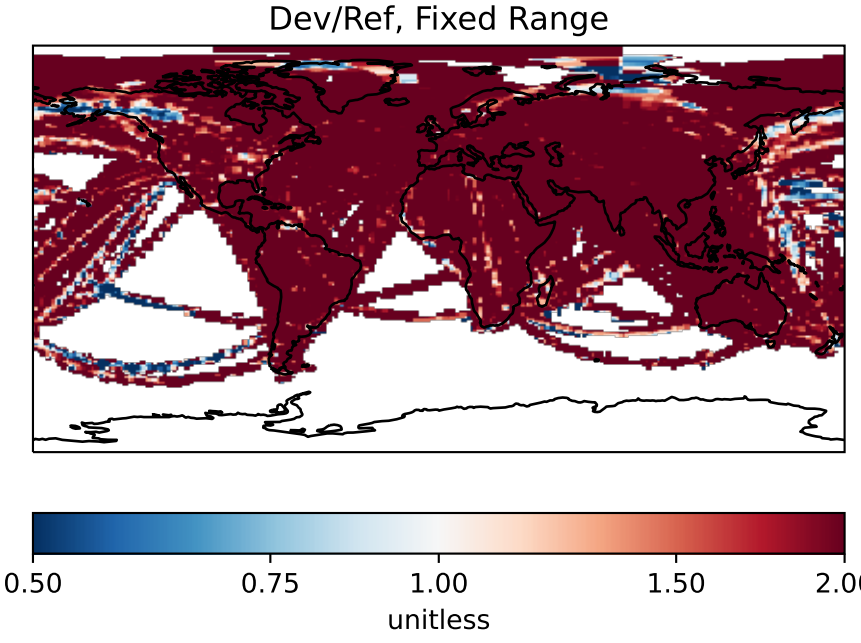
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

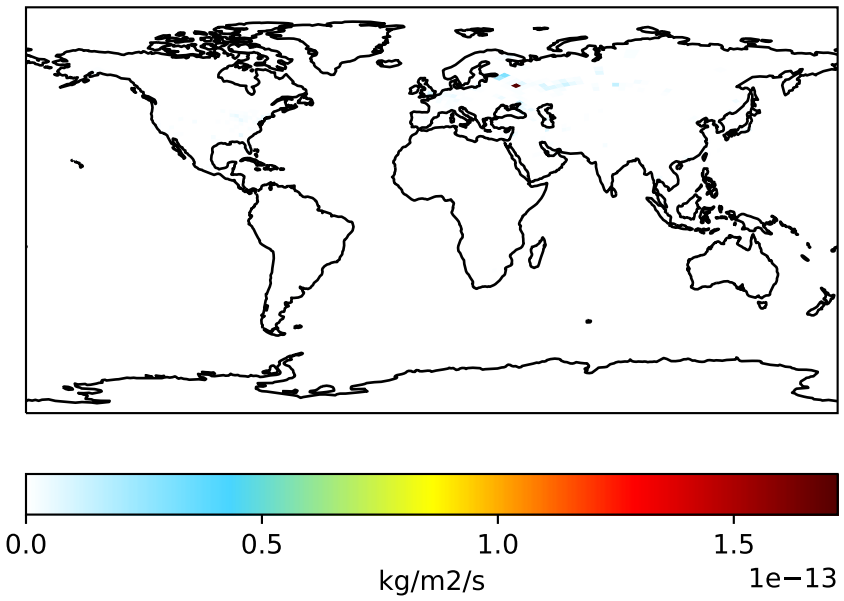


Ratio (1x1.25)
Dev/Ref, Fixed Range

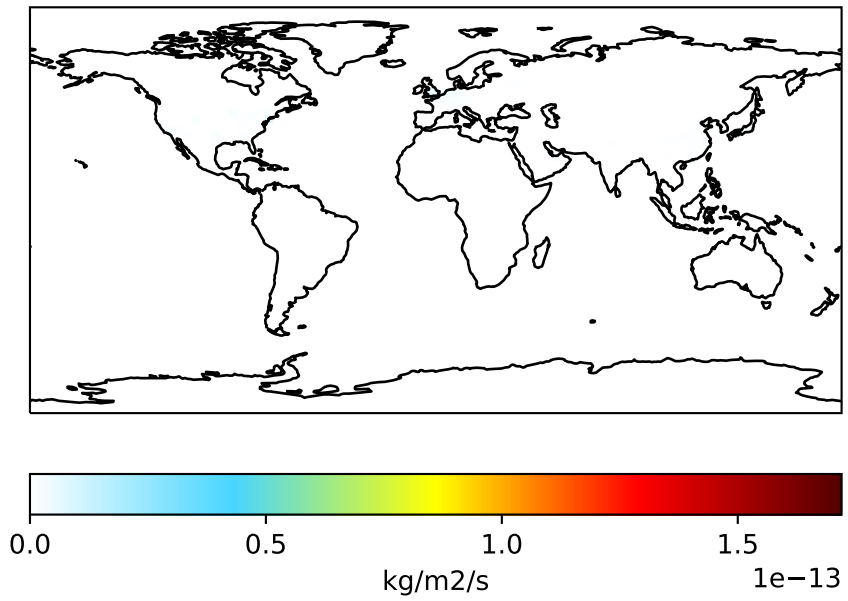


EmisC2H6_Aircraft (Oct2019)

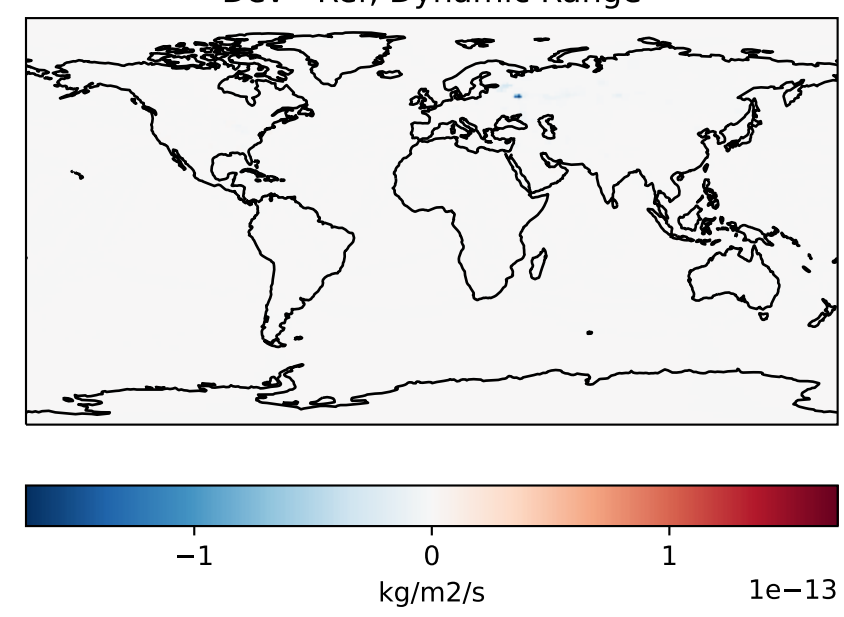
GCHP_13.0.0 (Ref)
c48



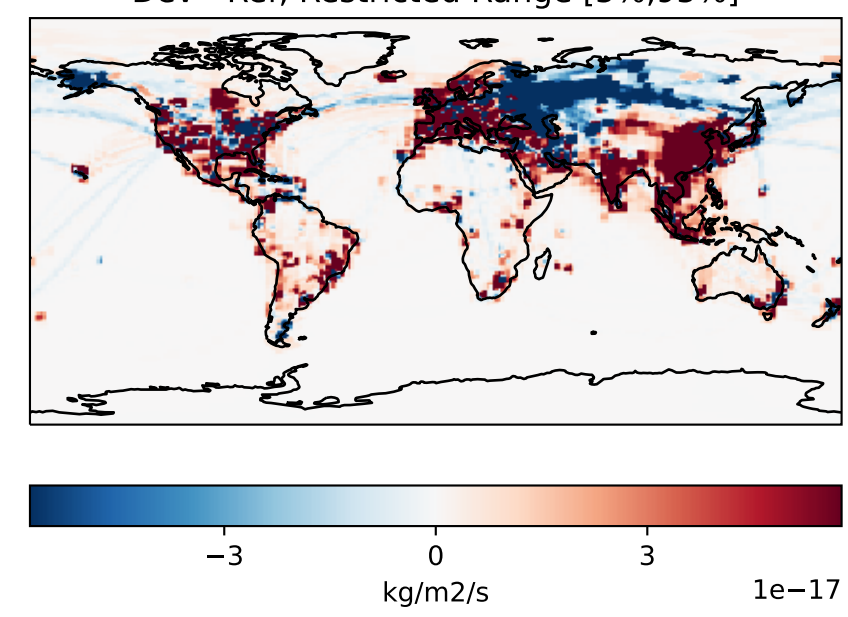
GCHP_14.0.0 (Dev)
c24



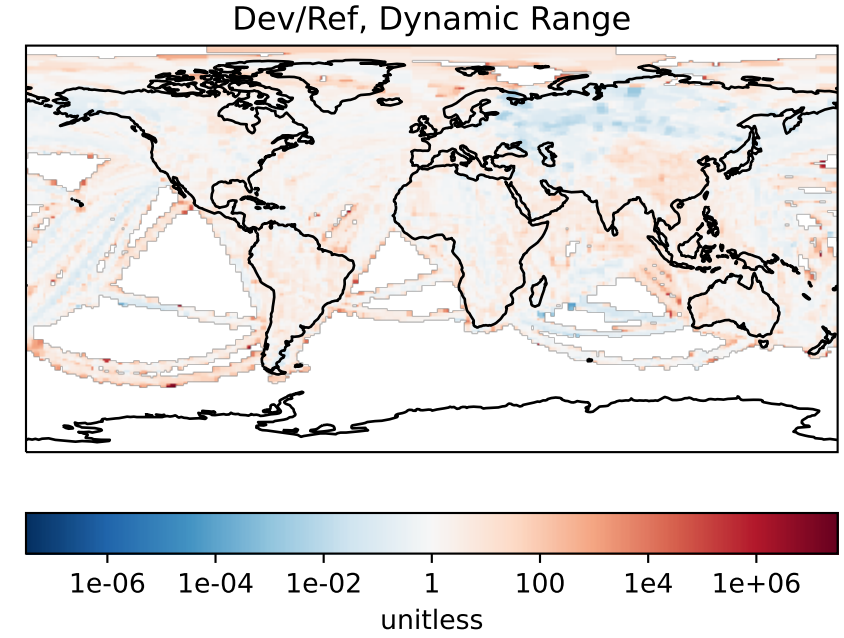
Difference (1x1.25)
Dev - Ref, Dynamic Range



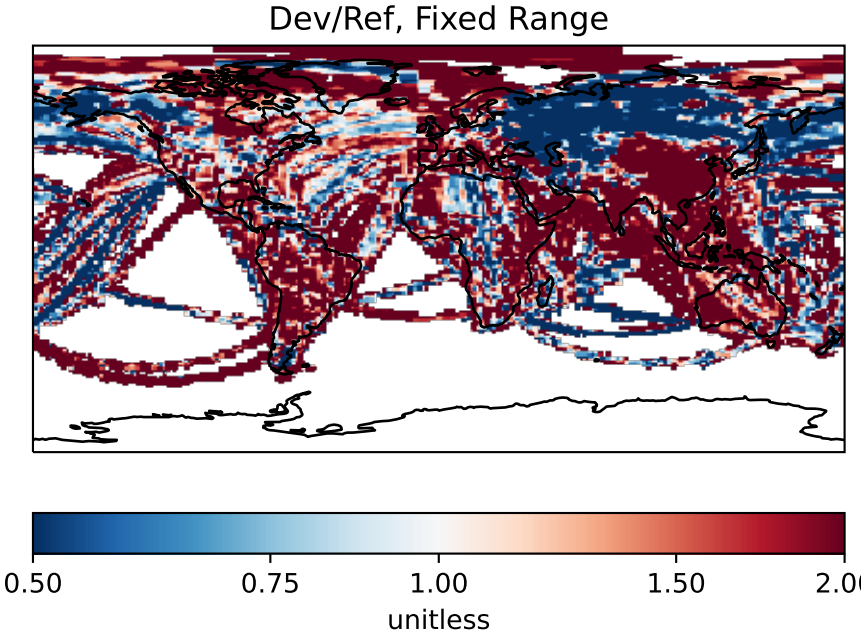
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

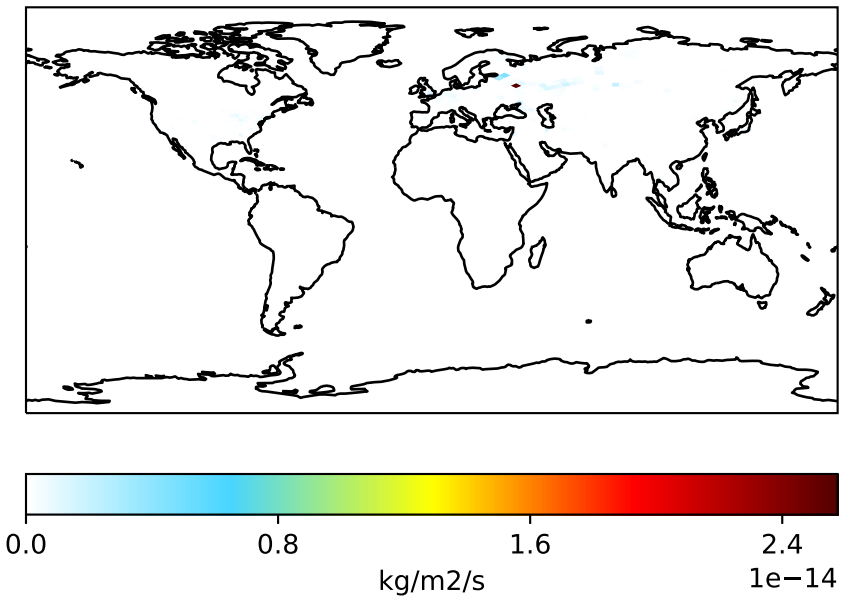


Ratio (1x1.25)
Dev/Ref, Fixed Range

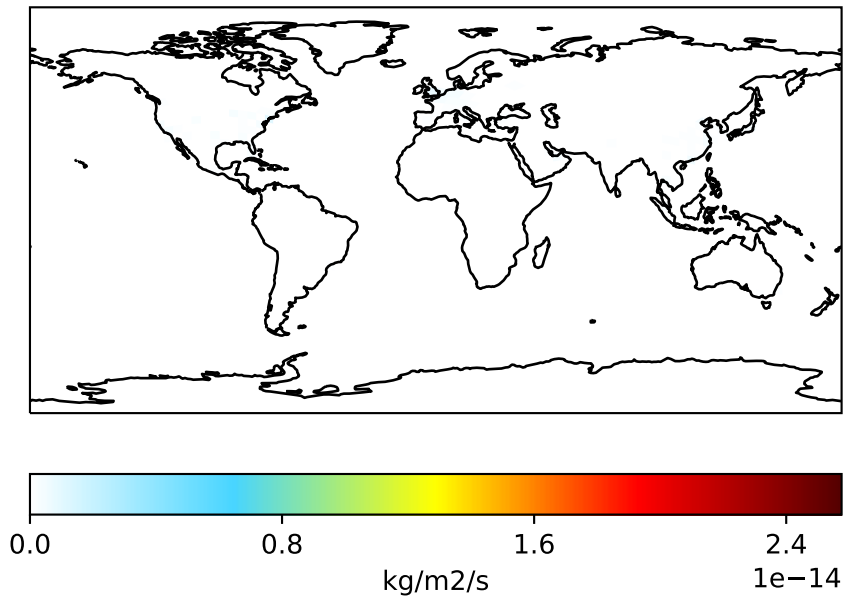


EmisC3H8_Aircraft (Oct2019)

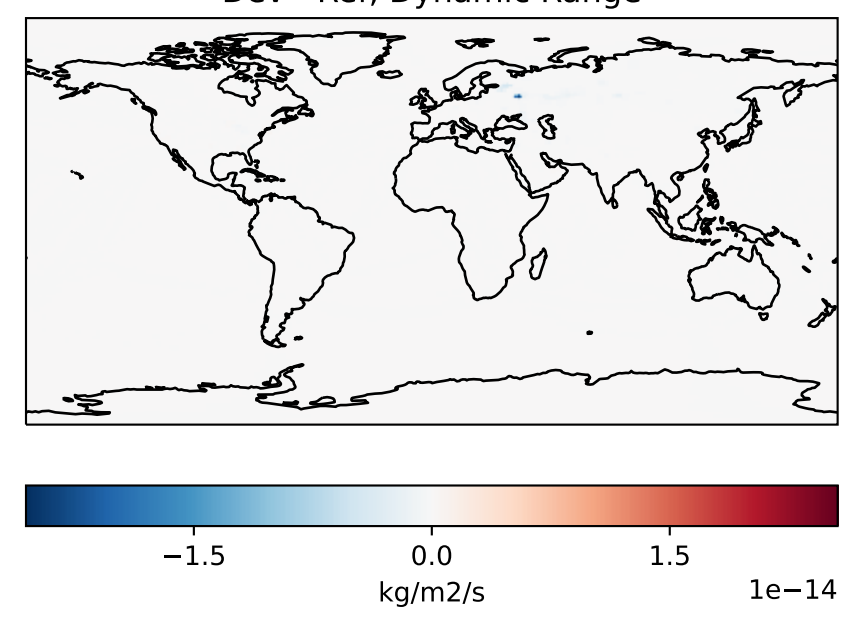
GCHP_13.0.0 (Ref)
c48



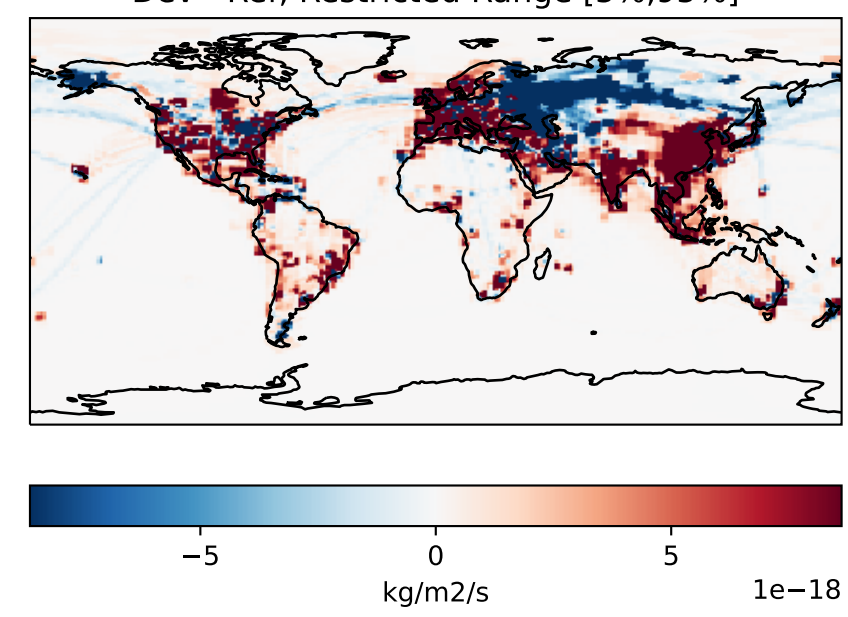
GCHP_14.0.0 (Dev)
c24



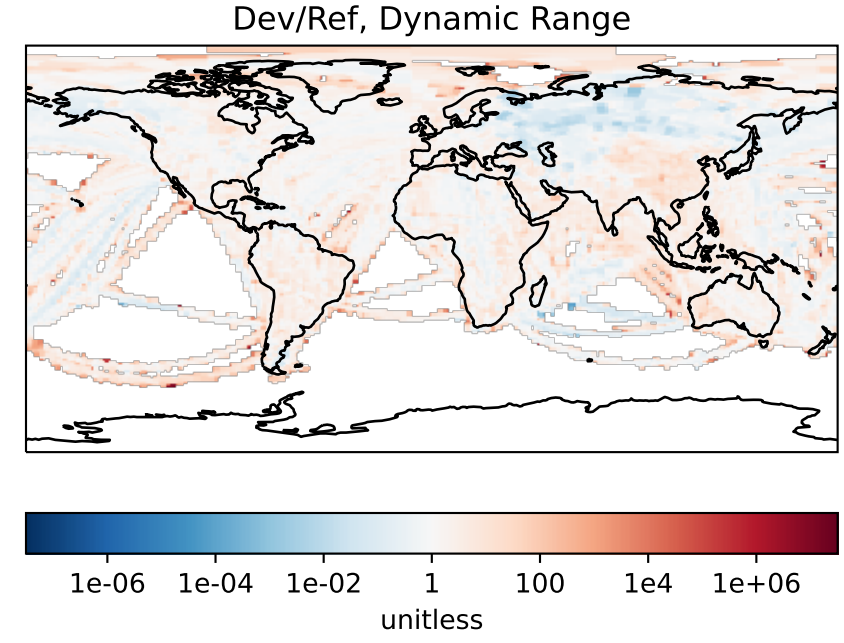
Difference (1x1.25)
Dev - Ref, Dynamic Range



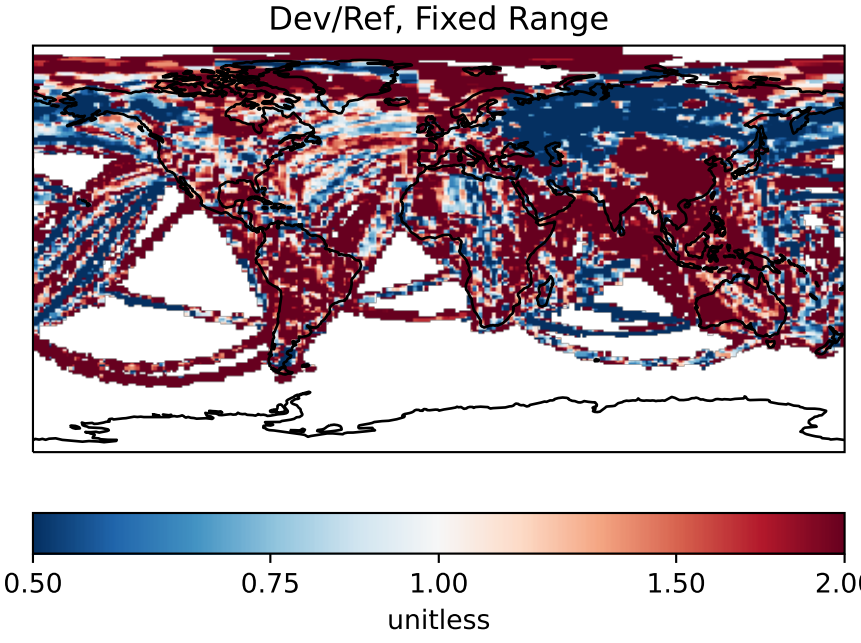
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

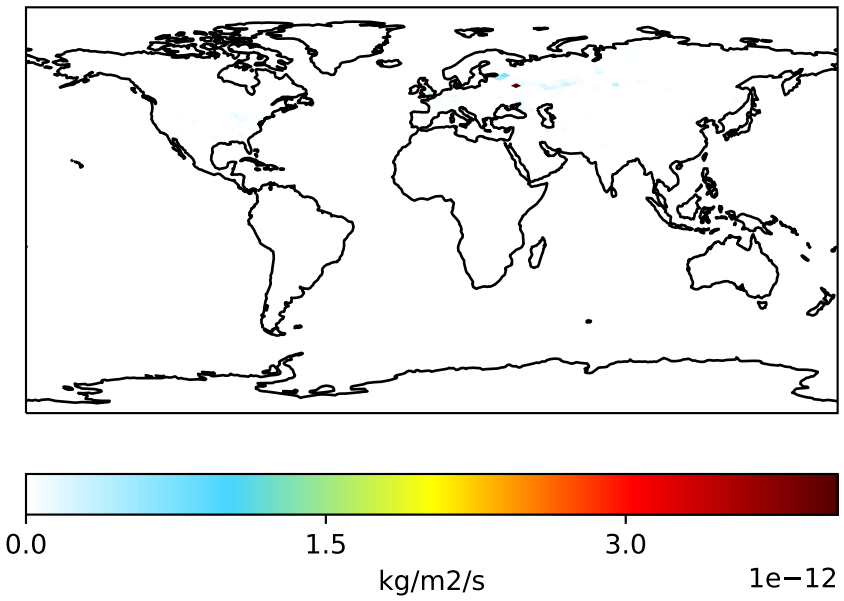


Ratio (1x1.25)
Dev/Ref, Fixed Range

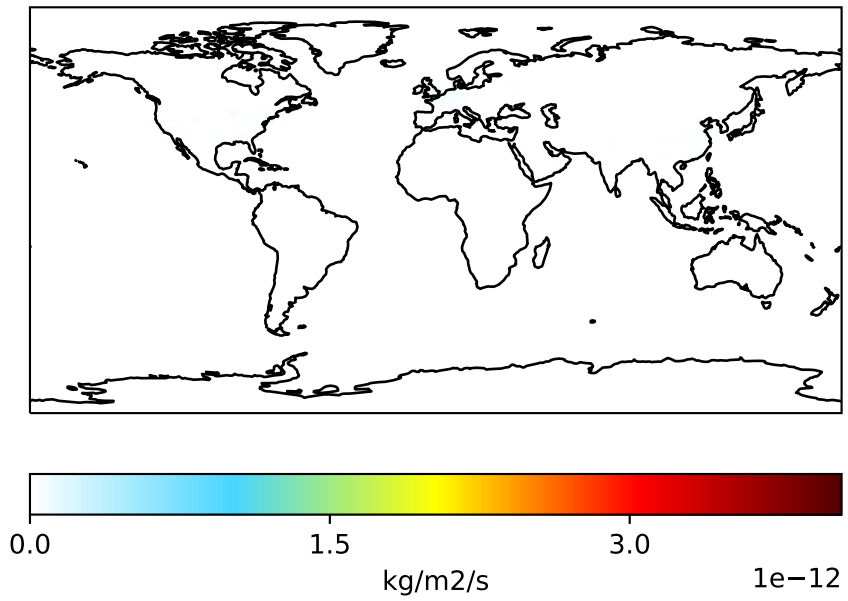


EmisCH2O_Aircraft (Oct2019)

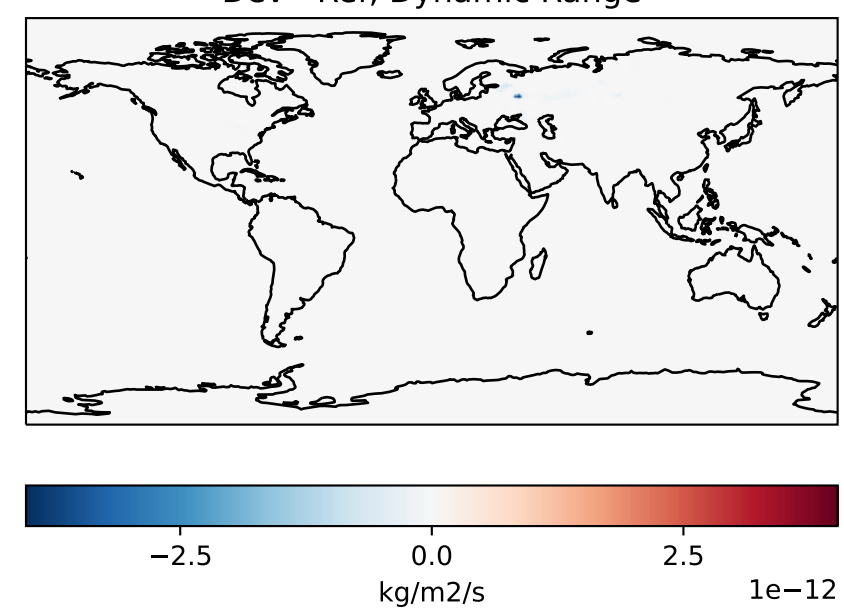
GCHP_13.0.0 (Ref)
c48



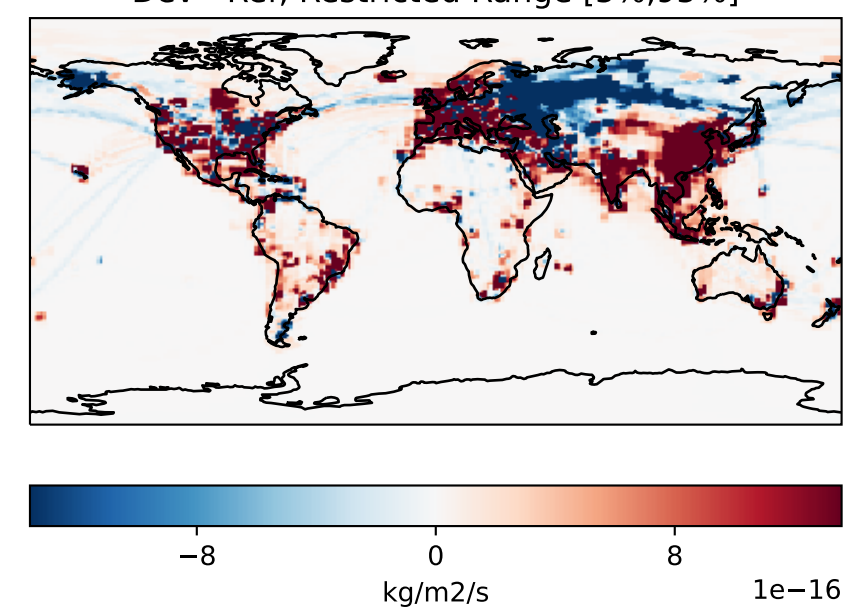
GCHP_14.0.0 (Dev)
c24



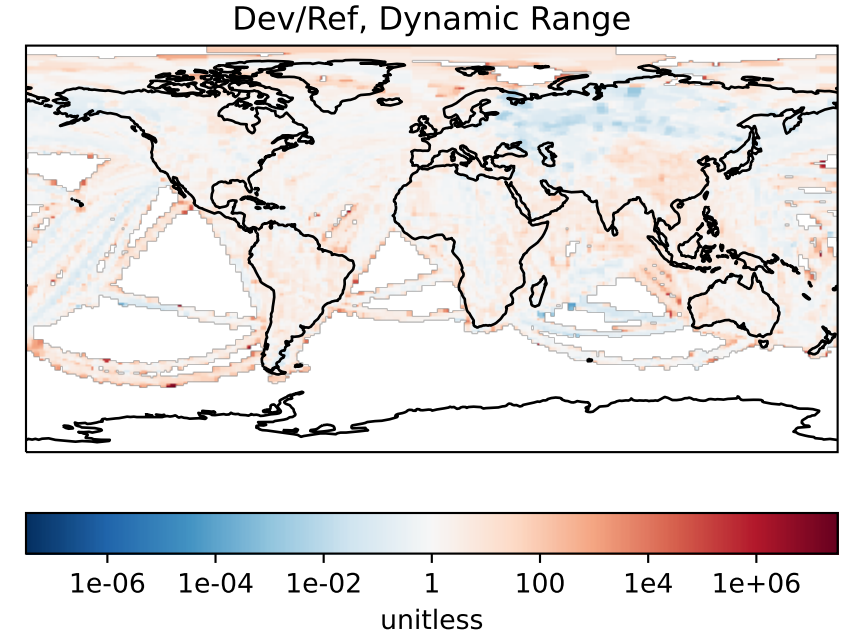
Difference (1x1.25)
Dev - Ref, Dynamic Range



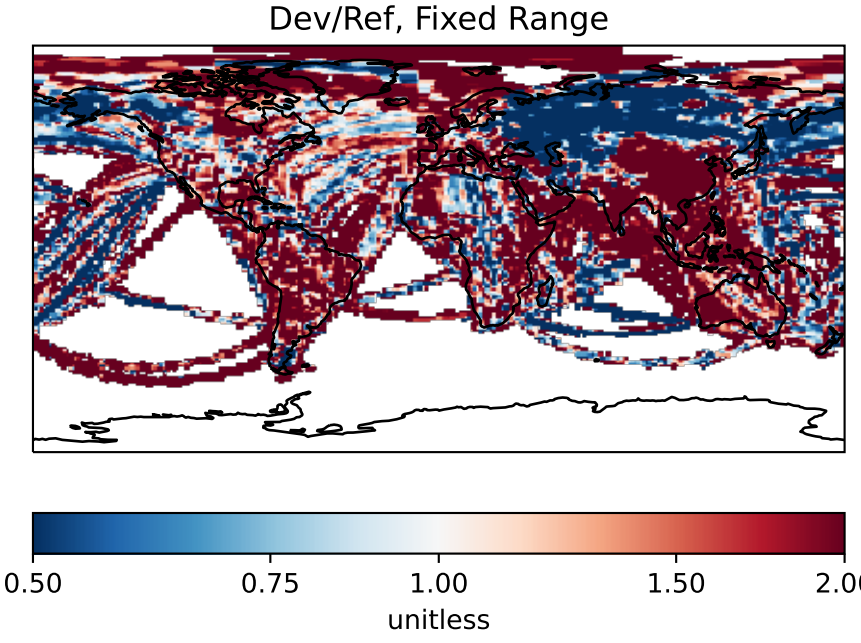
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

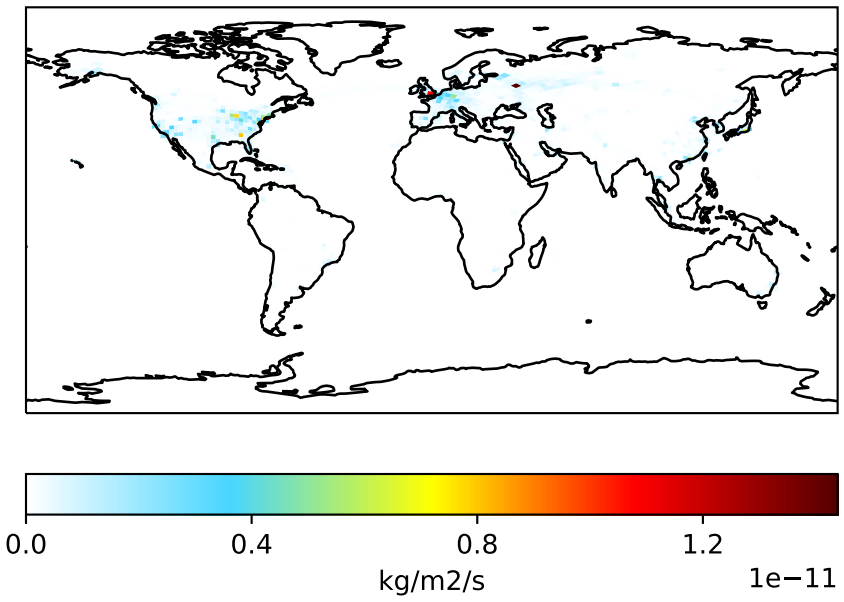


Ratio (1x1.25)
Dev/Ref, Fixed Range

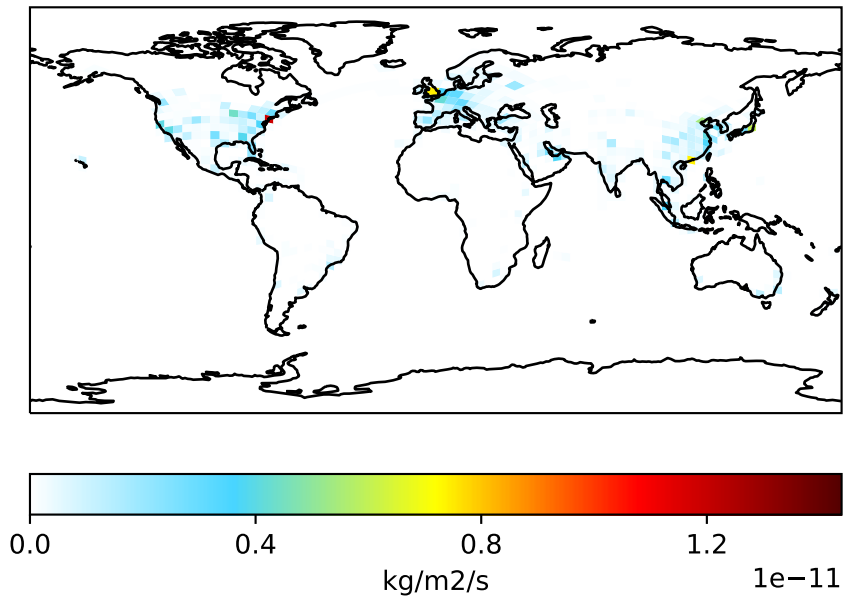


EmisCO_Aircraft (Oct2019)

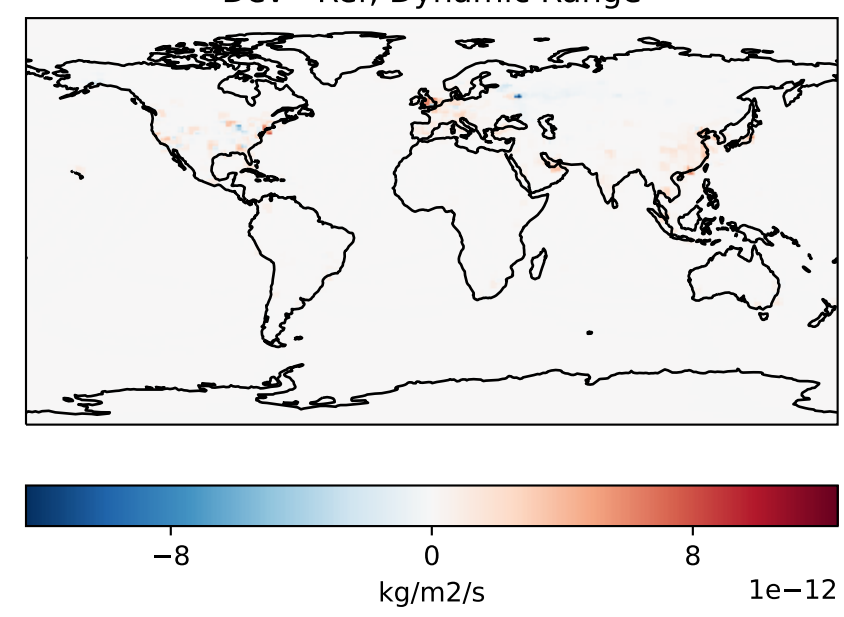
GCHP_13.0.0 (Ref)
c48



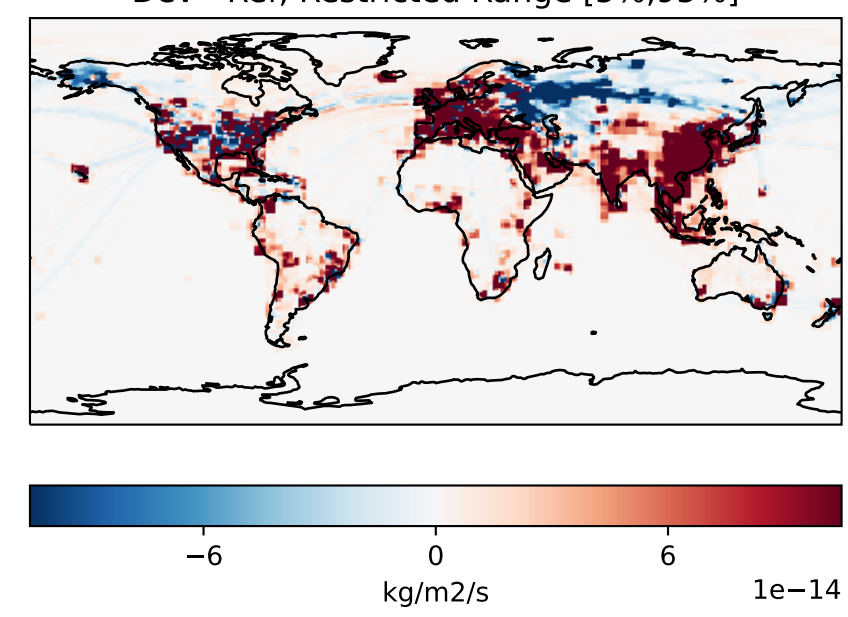
GCHP_14.0.0 (Dev)
c24



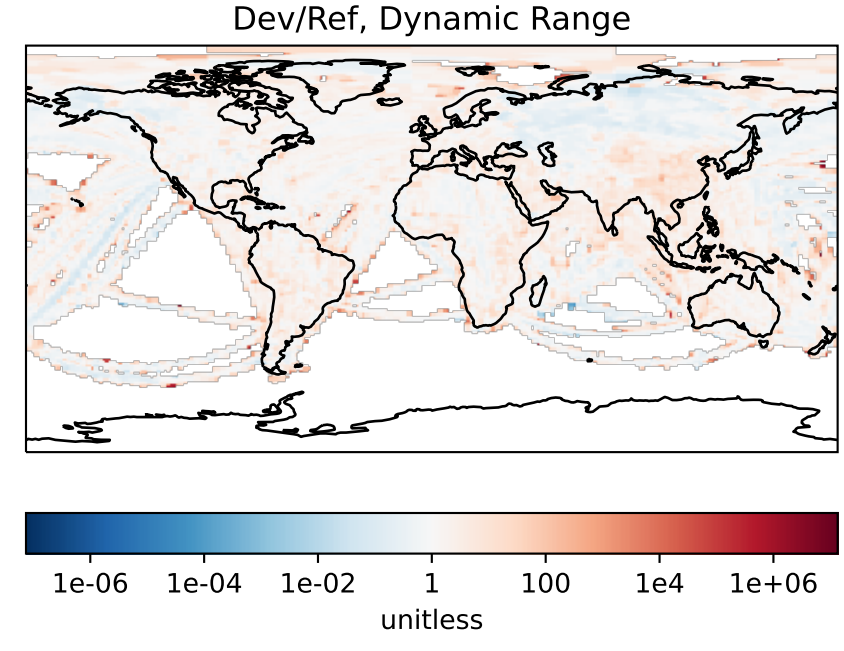
Difference (1x1.25)
Dev - Ref, Dynamic Range



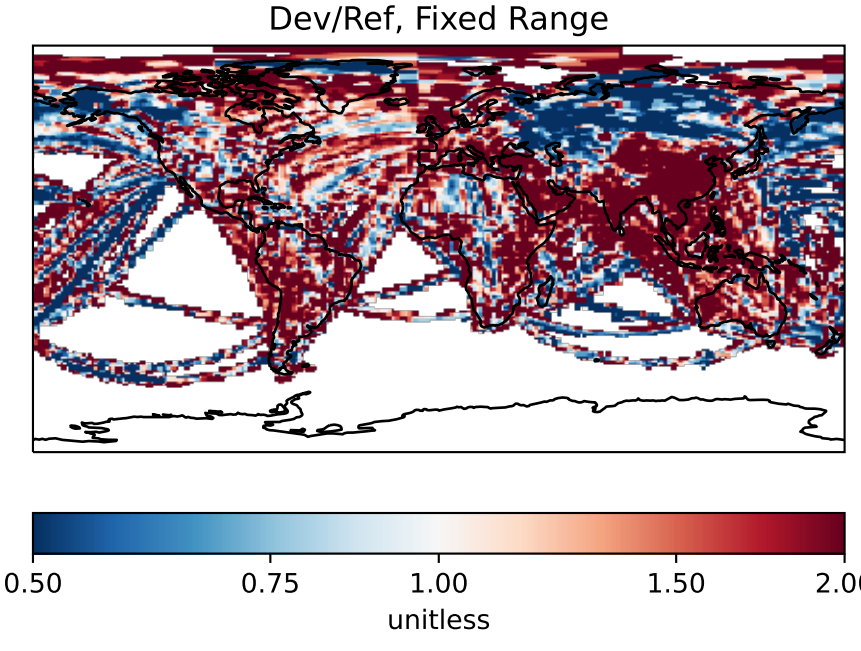
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

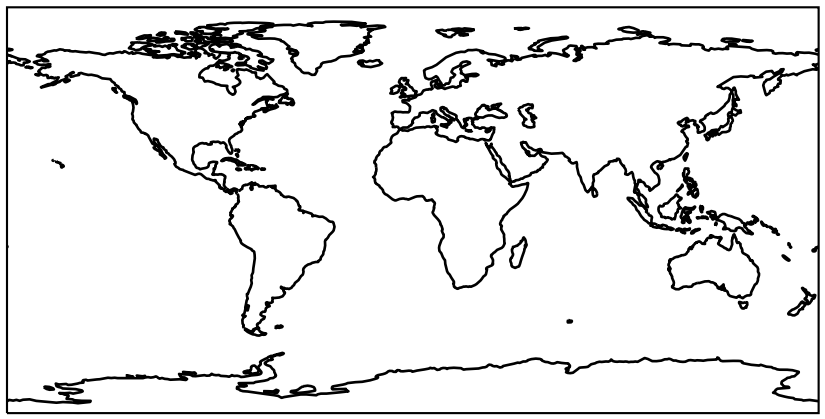


Ratio (1x1.25)
Dev/Ref, Fixed Range



EmisH2O_Aircraft (Oct2019)

GCHP_13.0.0 (Ref)
c48



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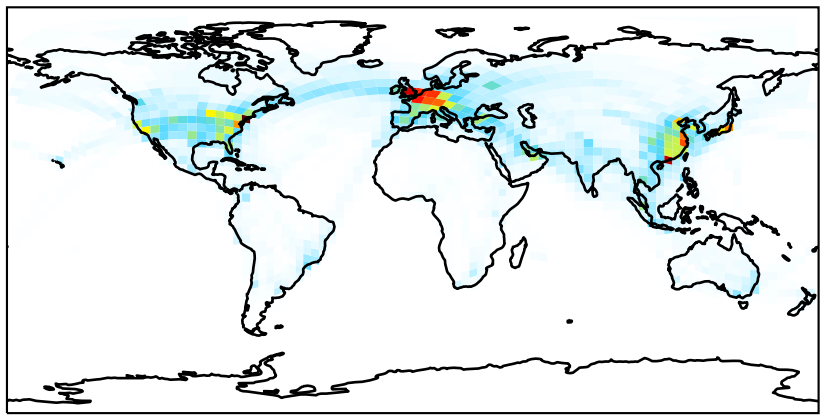
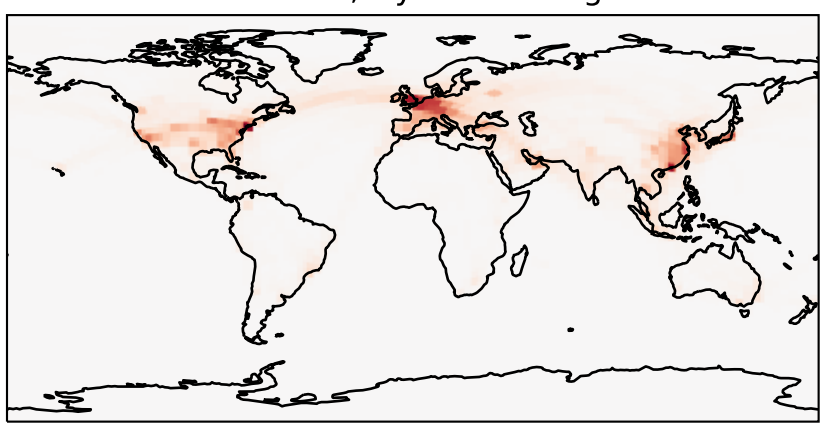
kg/m2/s

GCHP_14.0.0 (Dev)
c24



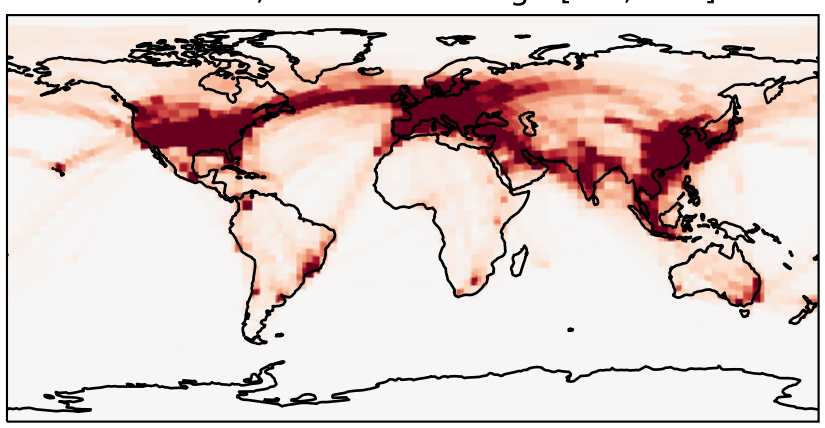
0.0 2.5 5.0 7.5
kg/m2/s
1e−10

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



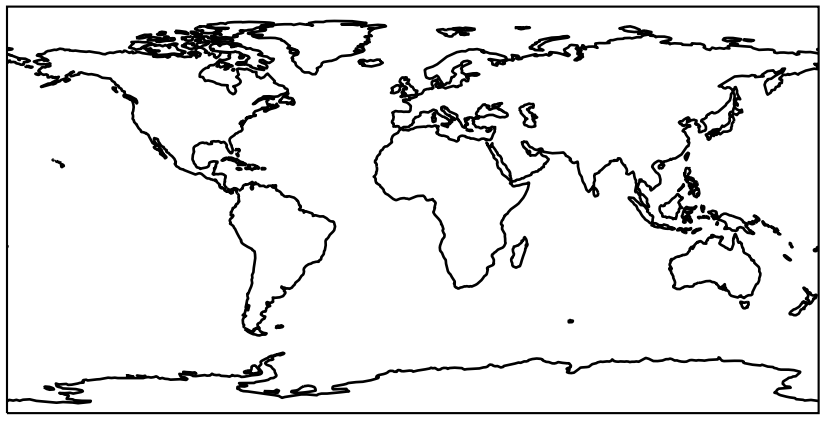
−5 0 5
kg/m2/s
1e−10

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



−4 0 4
kg/m2/s
1e−11

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



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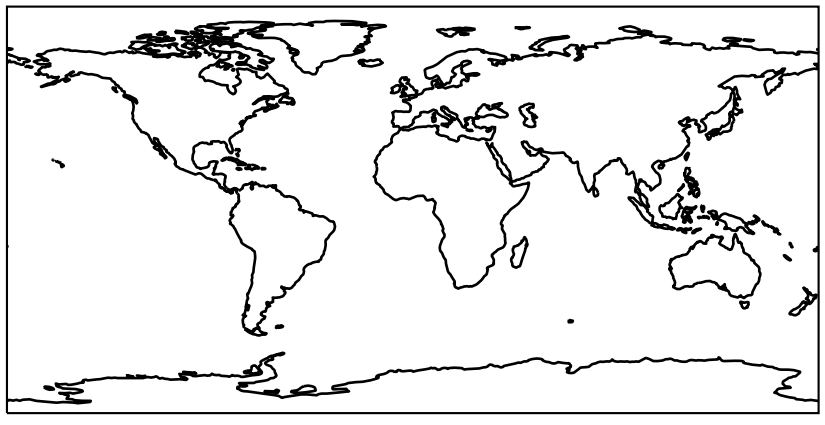
unitless

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



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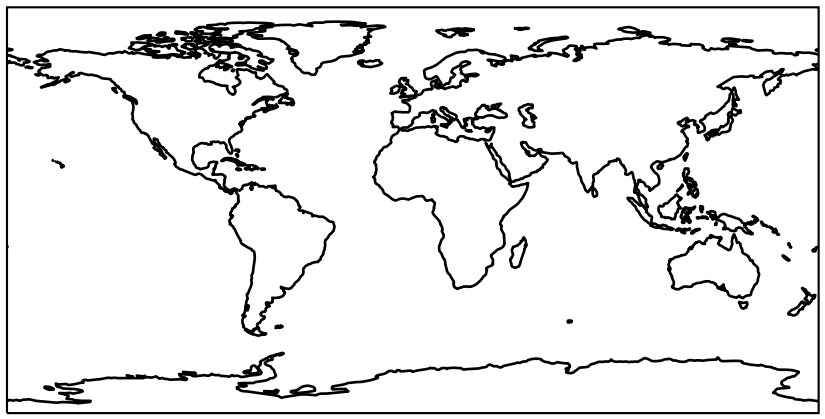
EmisHONO_Aircraft (Oct2019)

GCHP_13.0.0 (Ref)
c48



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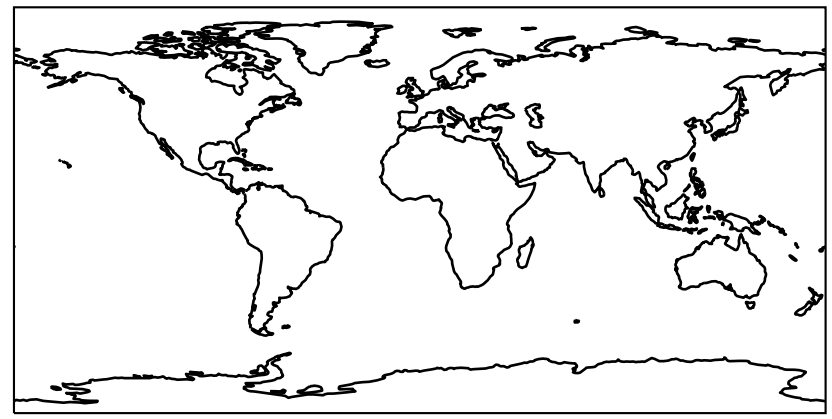
kg/m2/s

GCHP_14.0.0 (Dev)
c24



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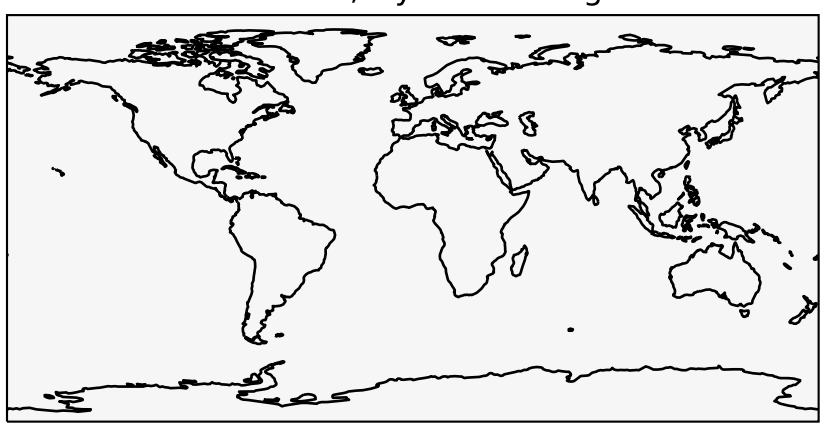
kg/m2/s

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



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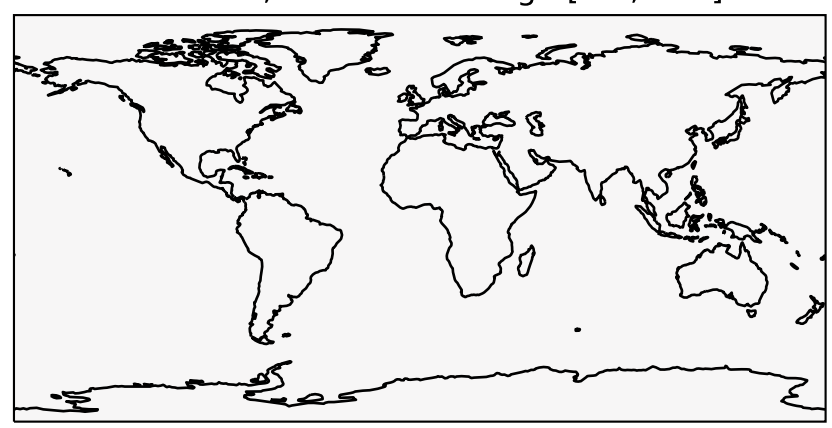
kg/m2/s

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



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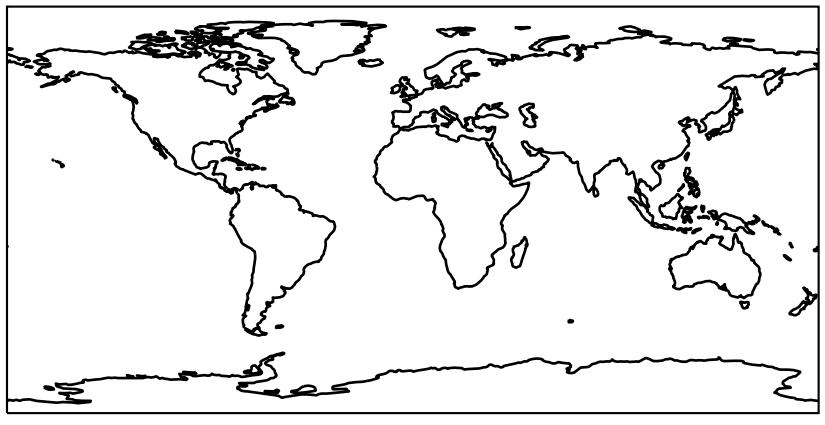
kg/m2/s

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



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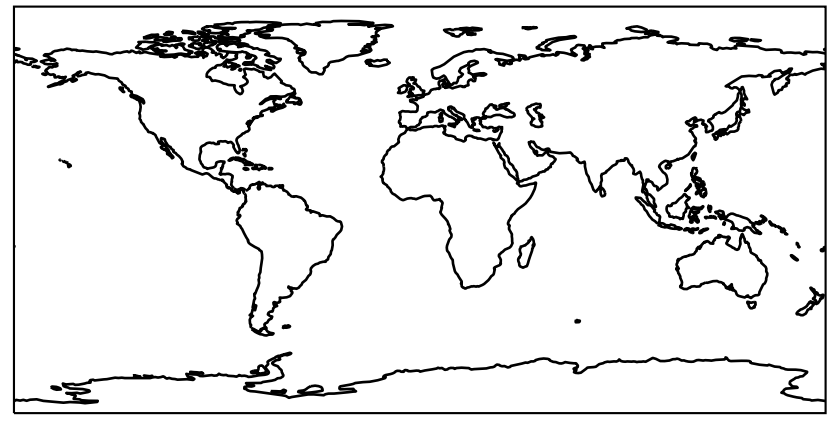
unitless

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



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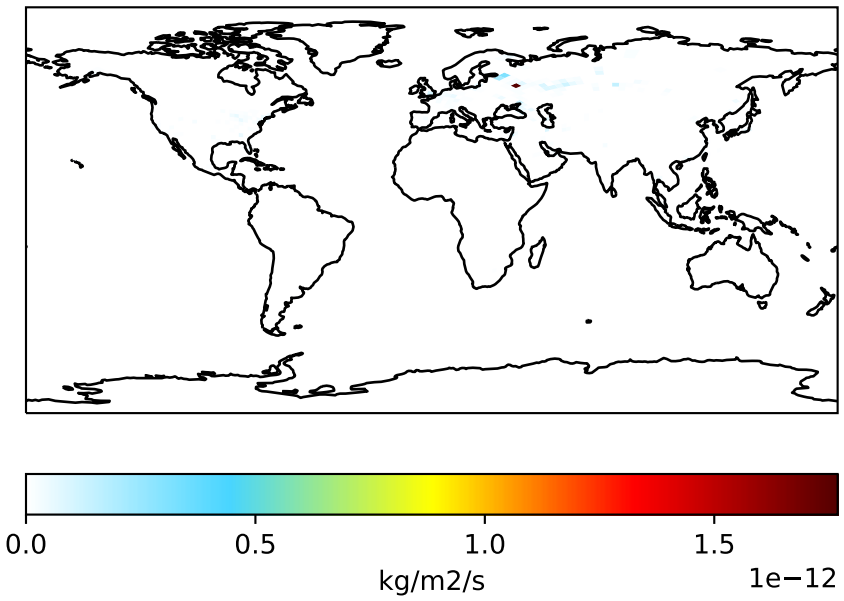
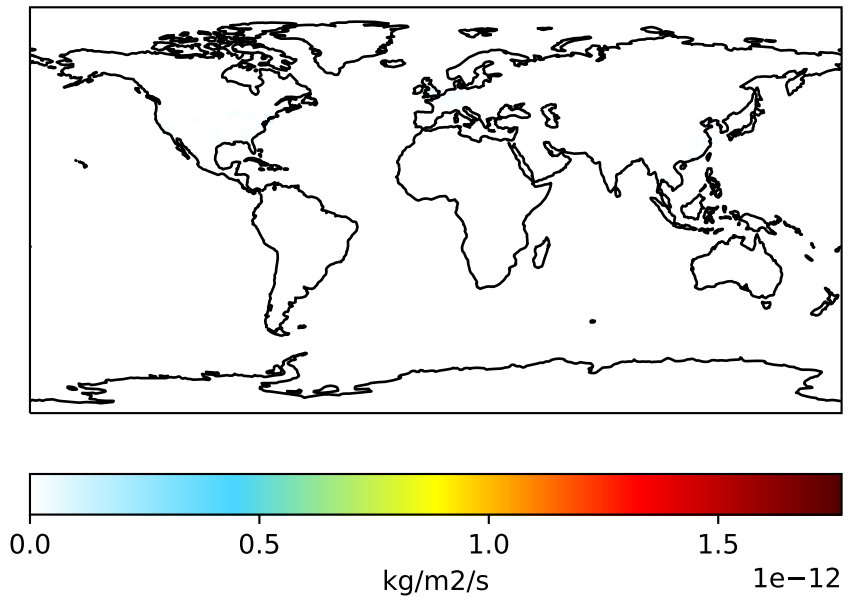
unitless

EmisMACR_Aircraft (Oct2019)

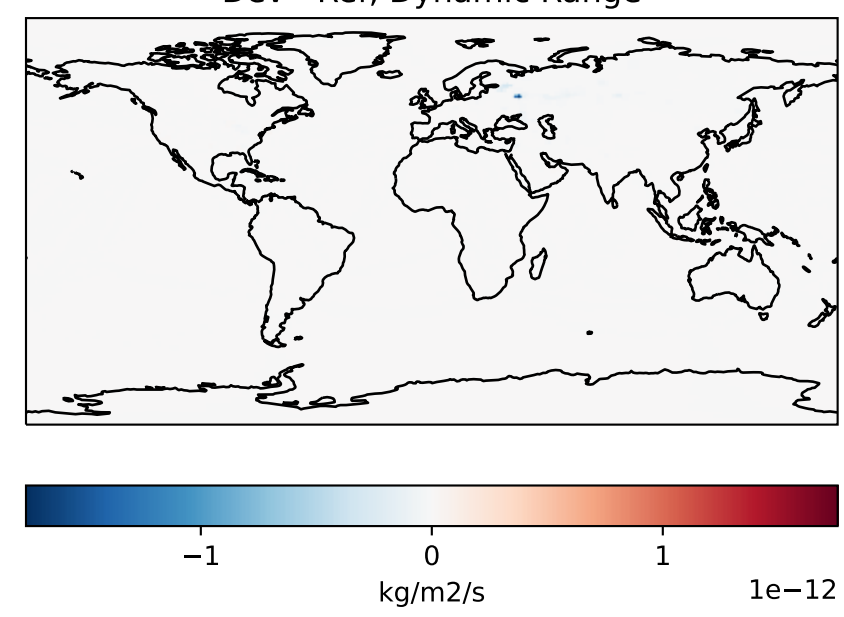
GCHP_13.0.0 (Ref)
c48



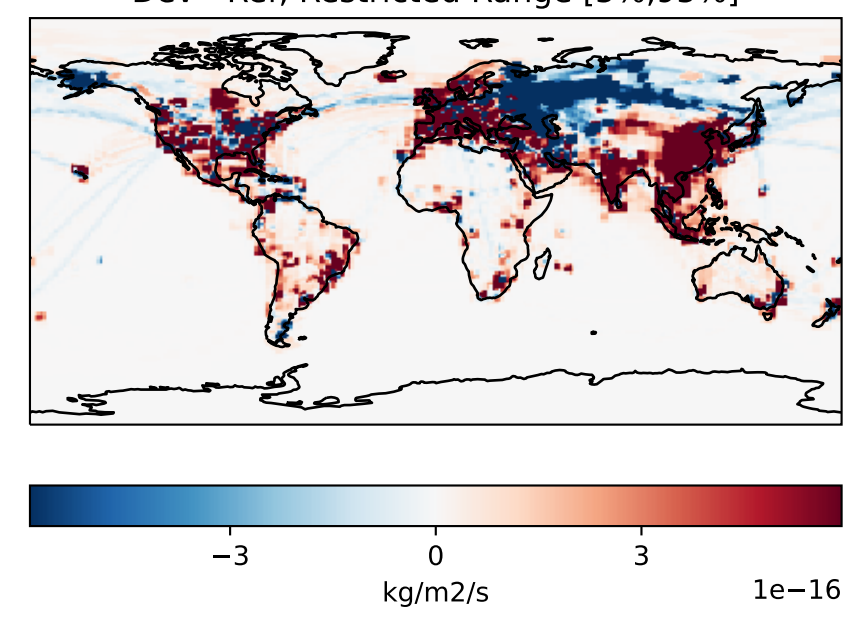
GCHP_14.0.0 (Dev)
c24



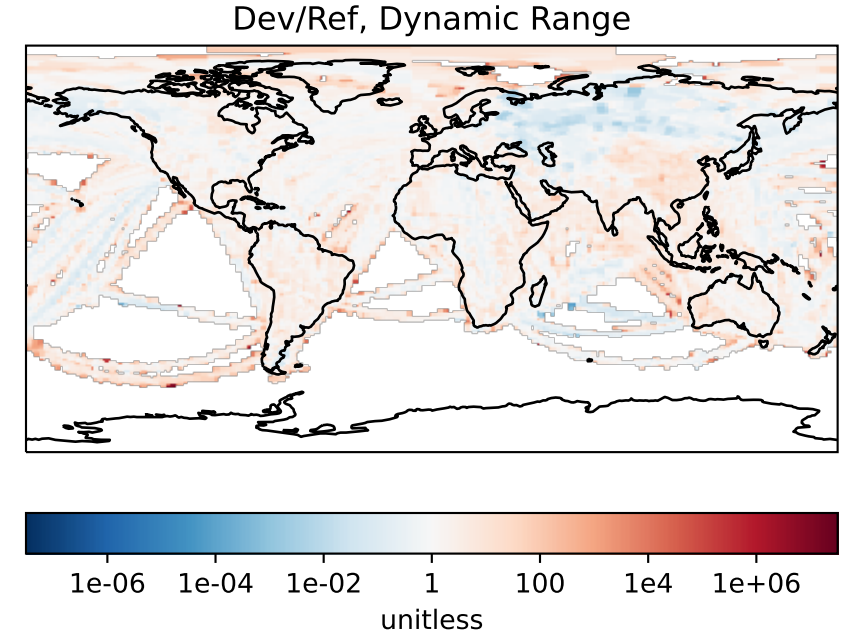
Difference (1x1.25)
Dev - Ref, Dynamic Range



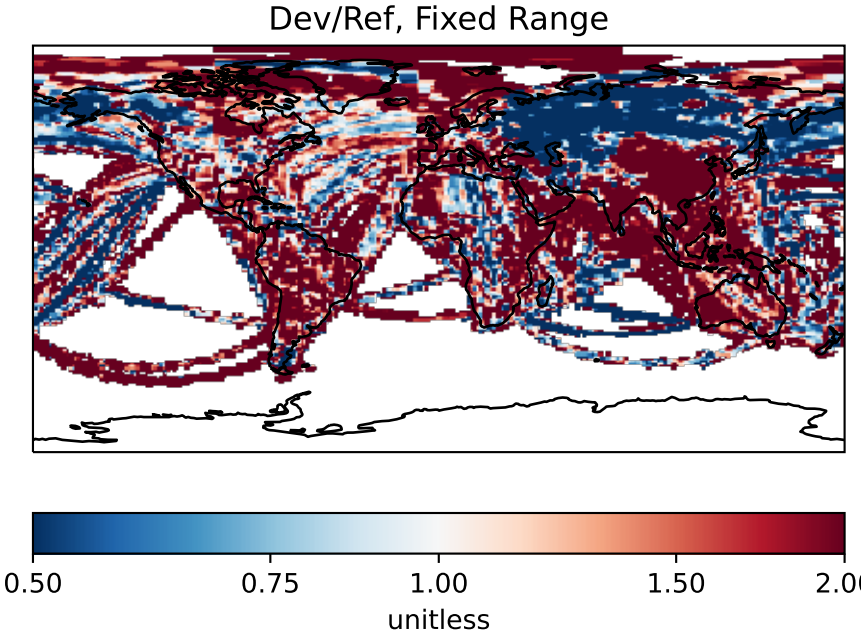
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

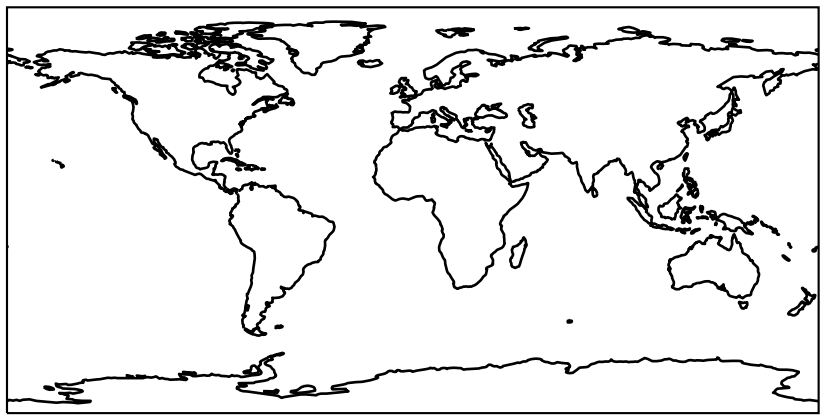


Ratio (1x1.25)
Dev/Ref, Fixed Range



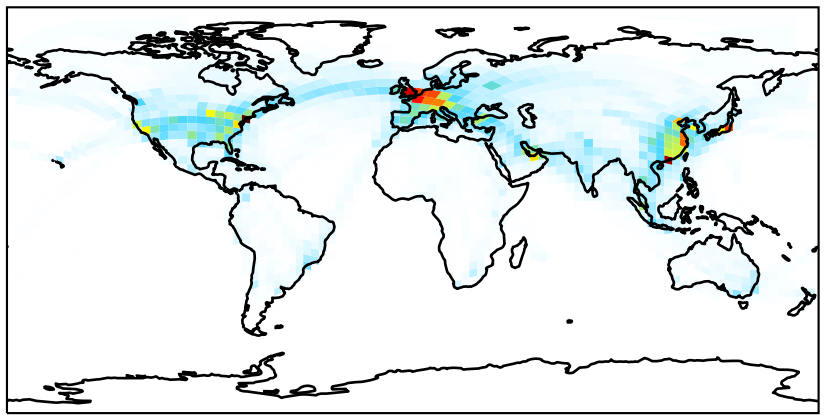
EmisNO2_Aircraft (Oct2019)

GCHP_13.0.0 (Ref)
c48



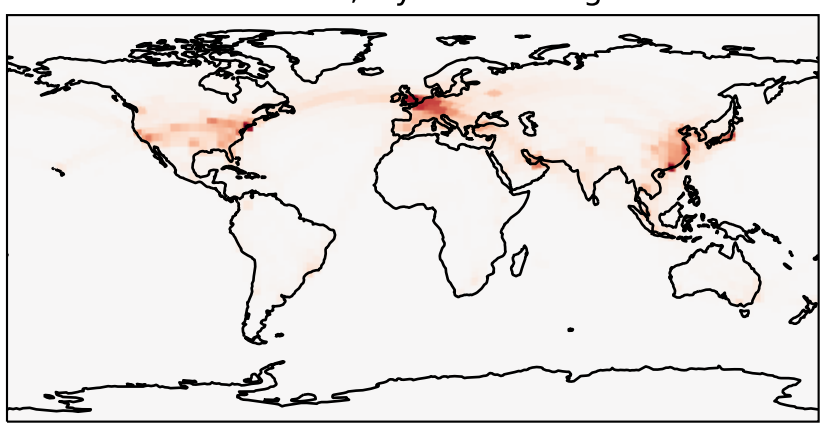
Zero throughout domain
kg/m2/s

GCHP_14.0.0 (Dev)
c24



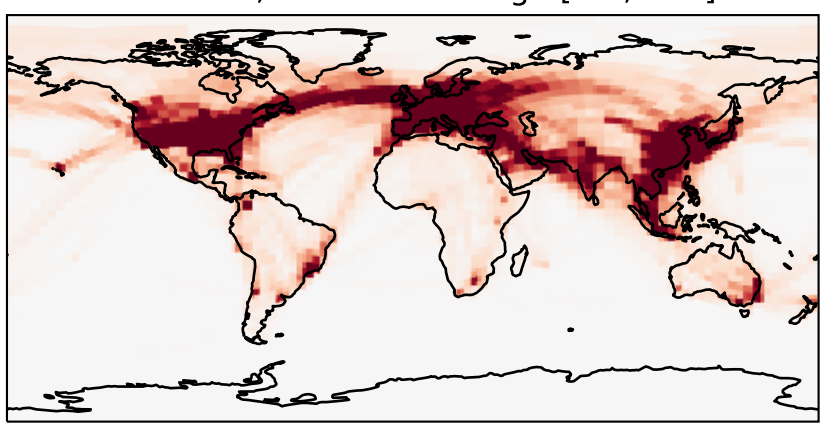
0.0 0.4 0.8 1.2
kg/m2/s
1e−12

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



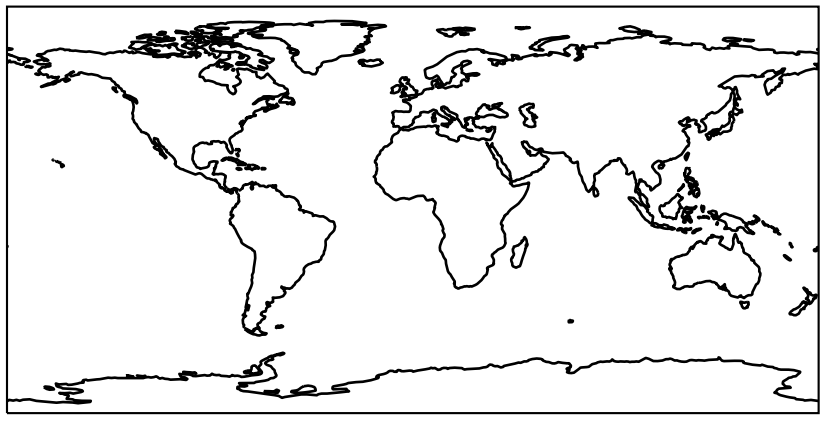
−8 0 8
kg/m2/s
1e−13

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



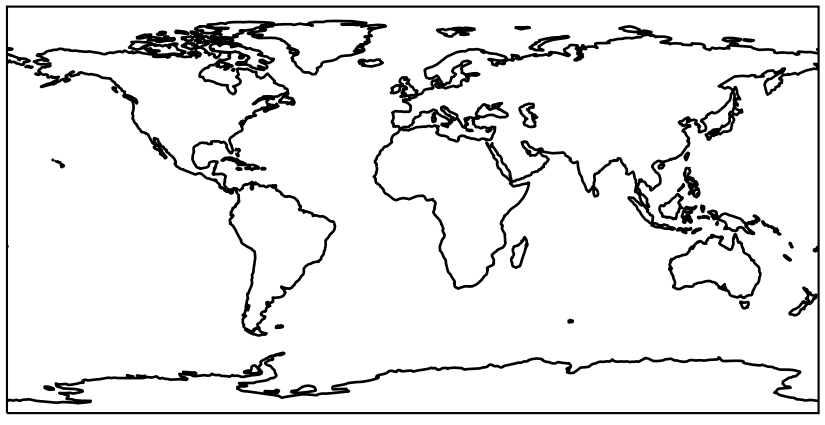
−8 0 8
kg/m2/s
1e−14

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



Undefined throughout domain
unitless

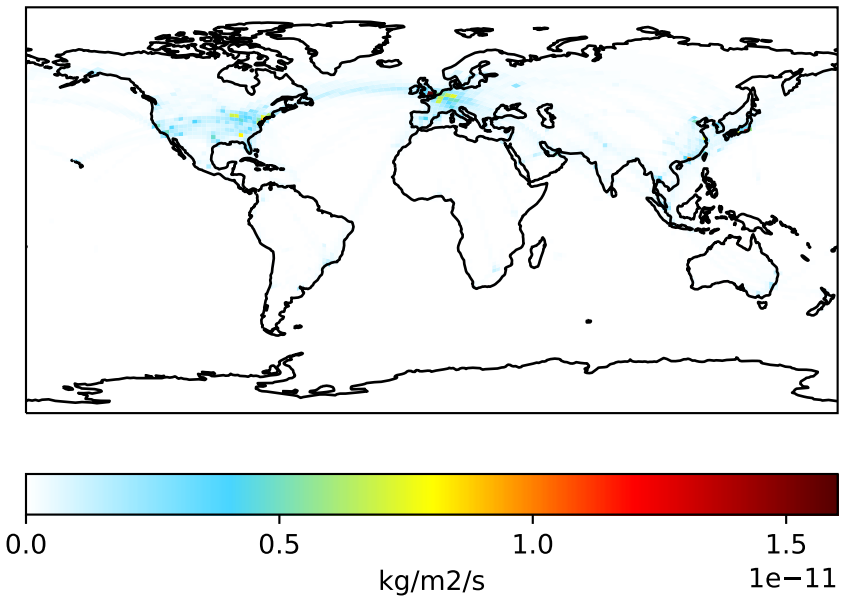
Ratio (1x1.25)
Dev/Ref, Fixed Range



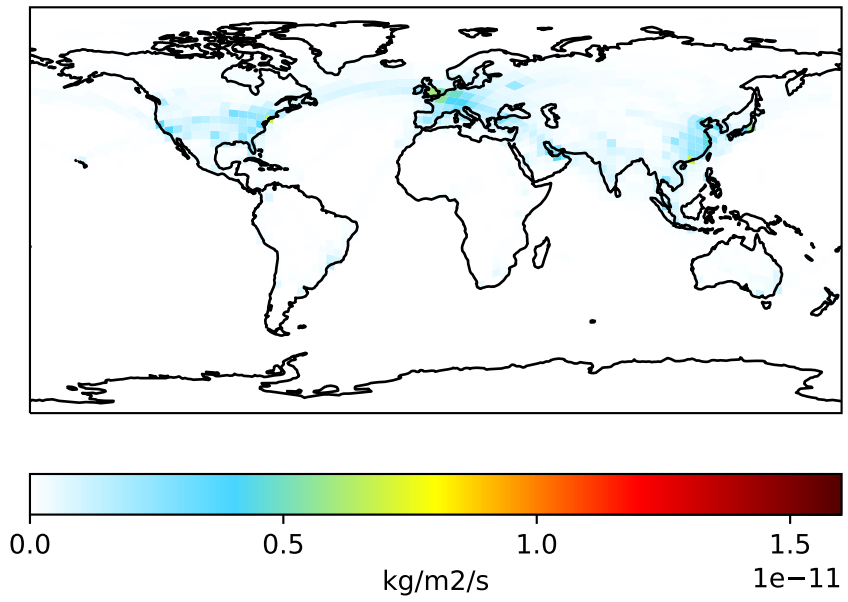
Undefined throughout domain
unitless

EmisNO_Aircraft (Oct2019)

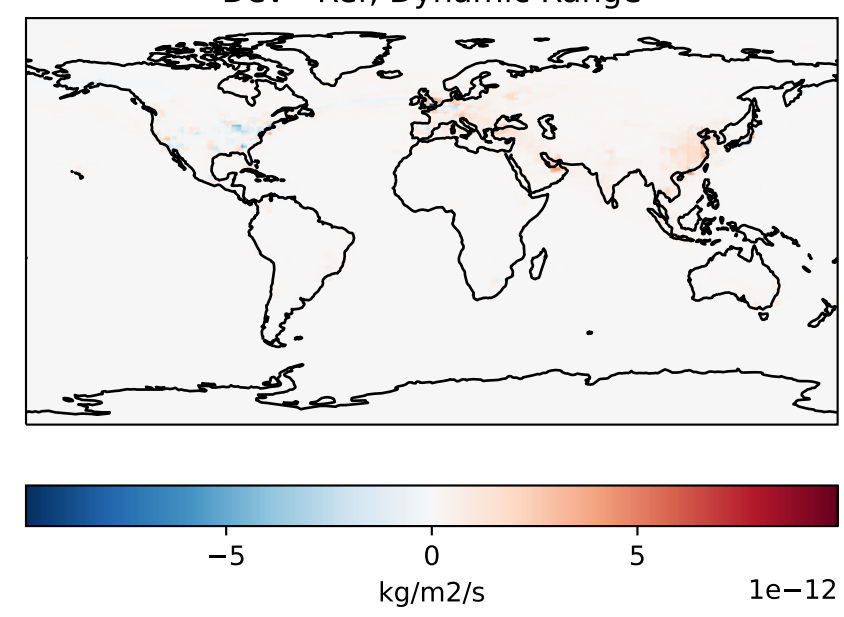
GCHP_13.0.0 (Ref)
c48



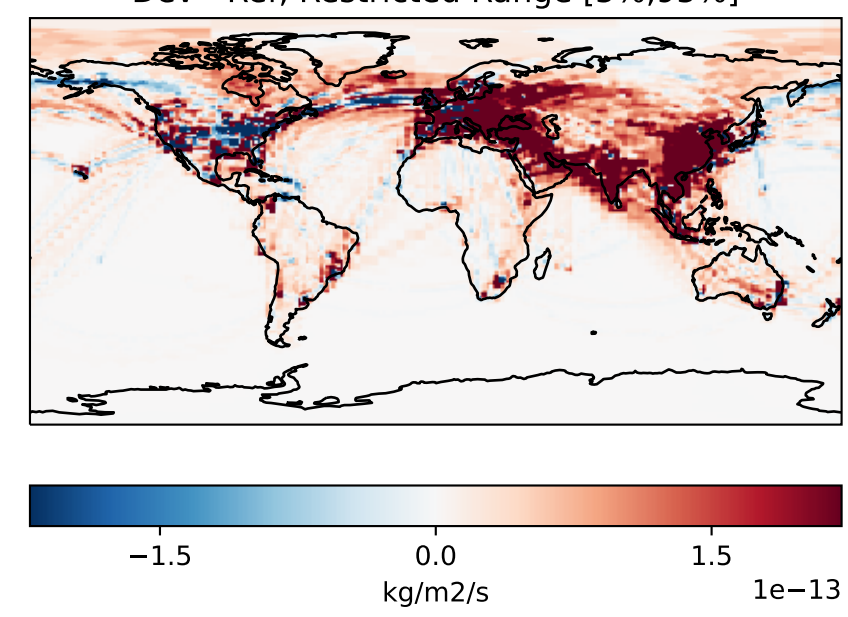
GCHP_14.0.0 (Dev)
c24



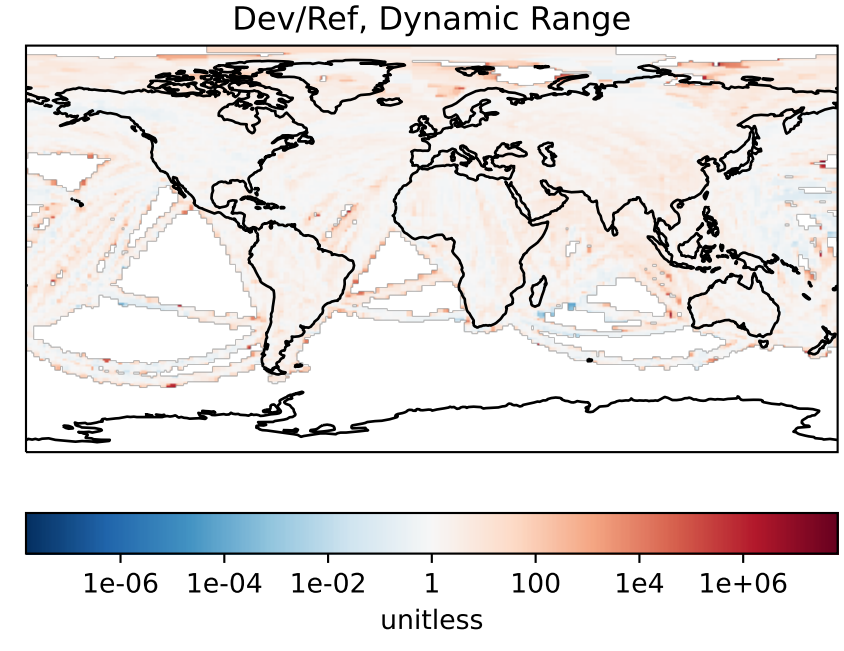
Difference (1x1.25)
Dev - Ref, Dynamic Range



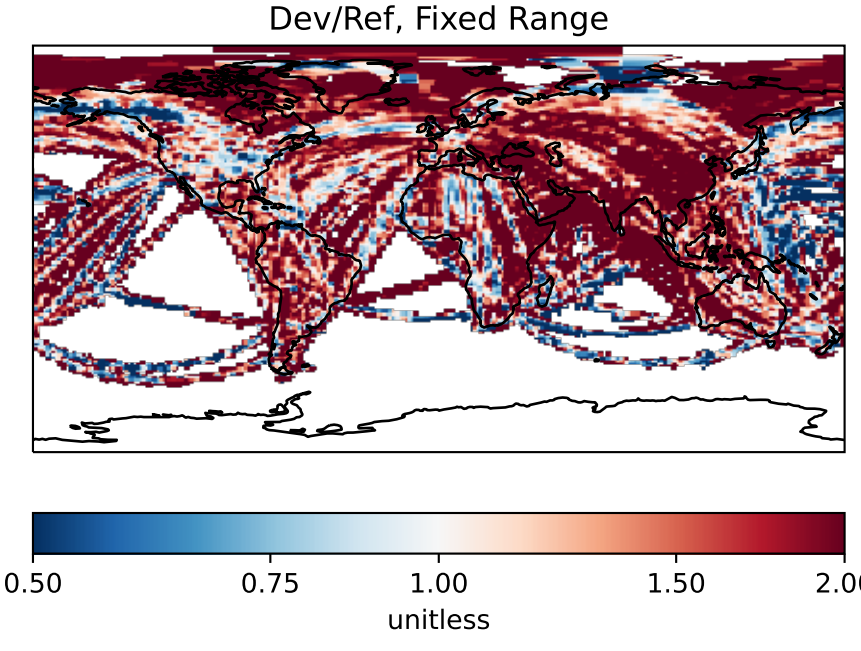
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

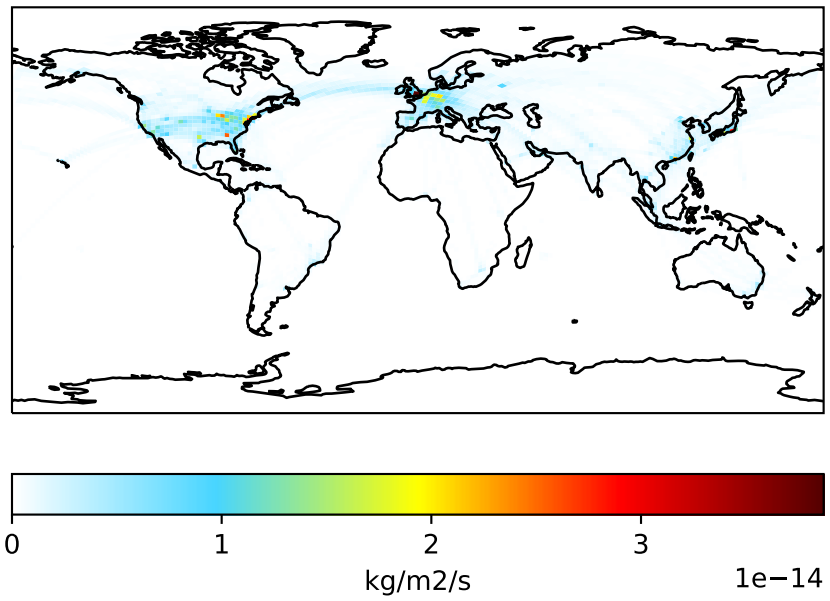


Ratio (1x1.25)
Dev/Ref, Fixed Range

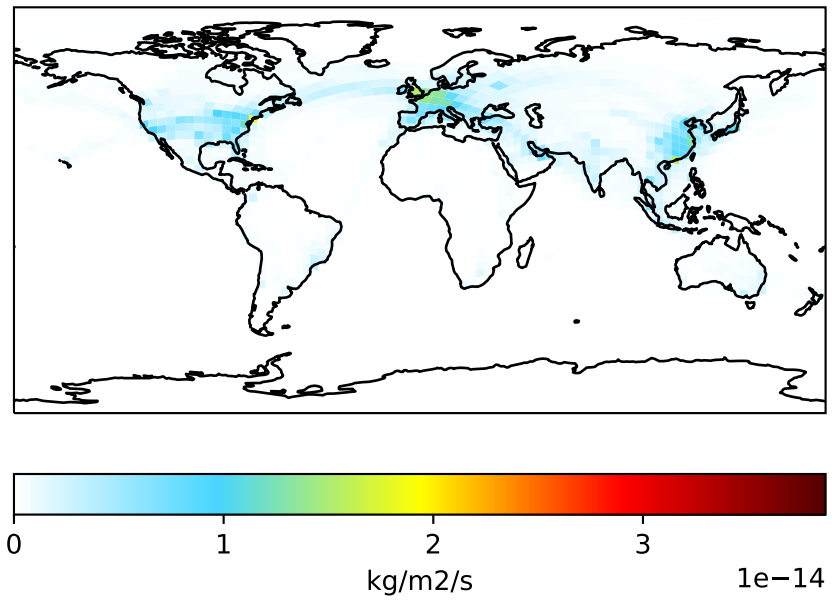


EmisOCPI_Aircraft (Oct2019)

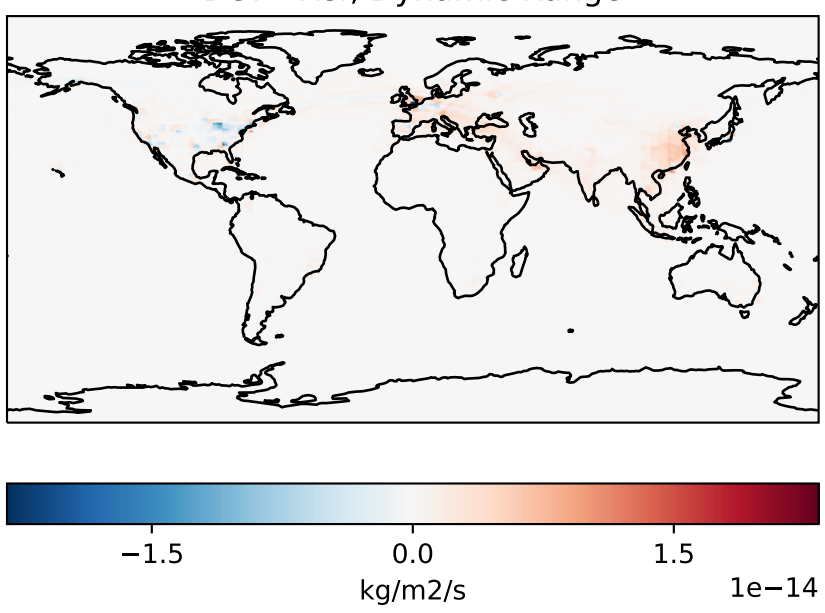
GCHP_13.0.0 (Ref)
c48



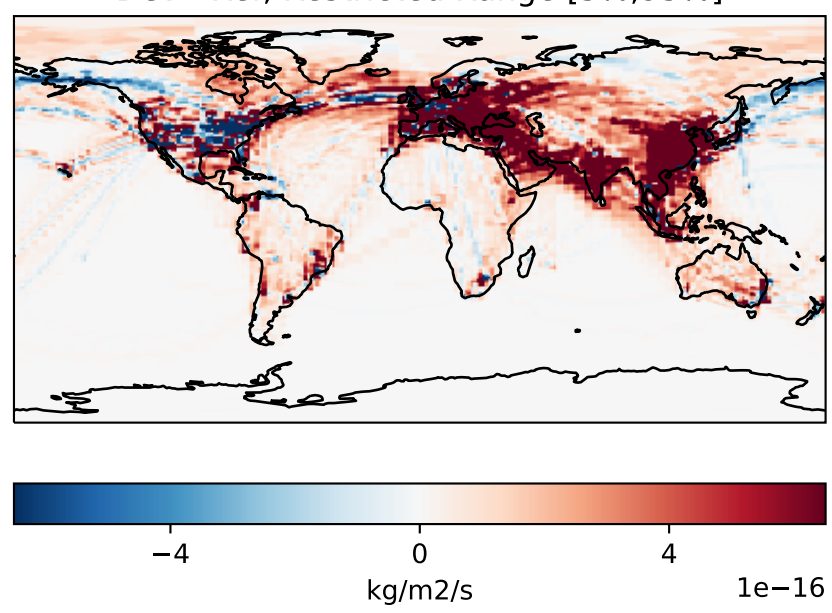
GCHP_14.0.0 (Dev)
c24



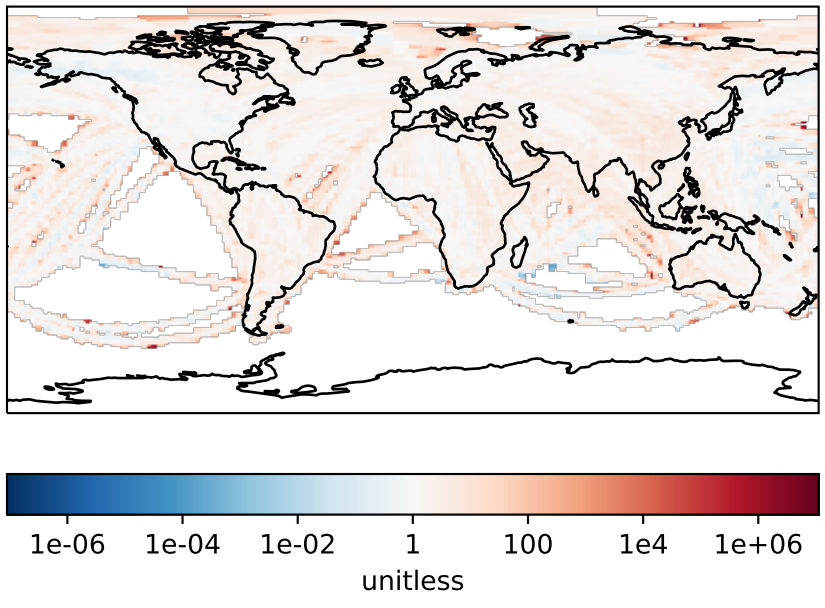
Difference (1x1.25)
Dev - Ref, Dynamic Range



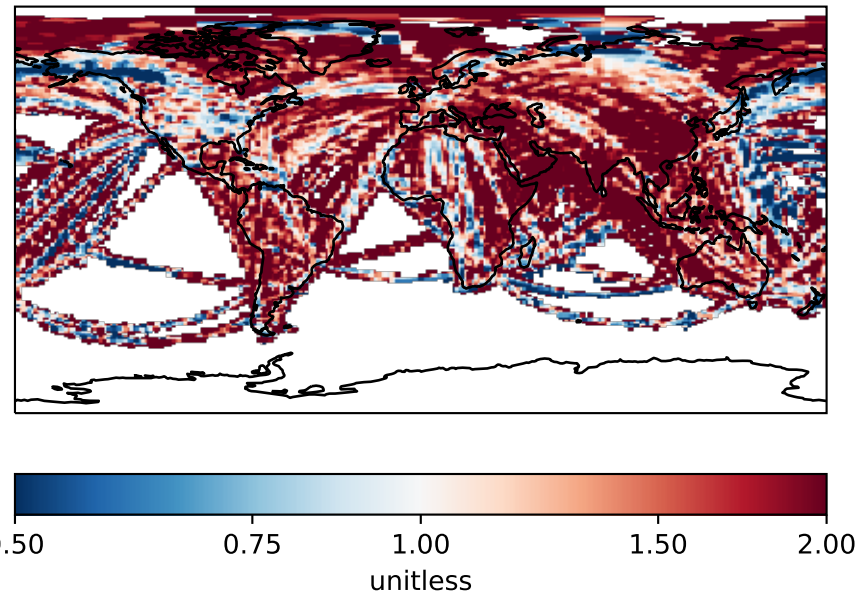
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

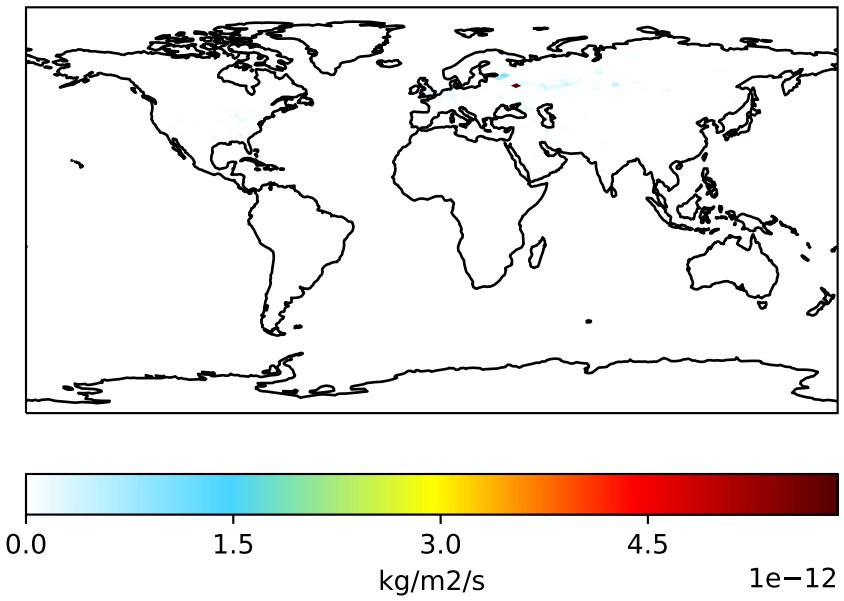


Ratio (1x1.25)
Dev/Ref, Fixed Range

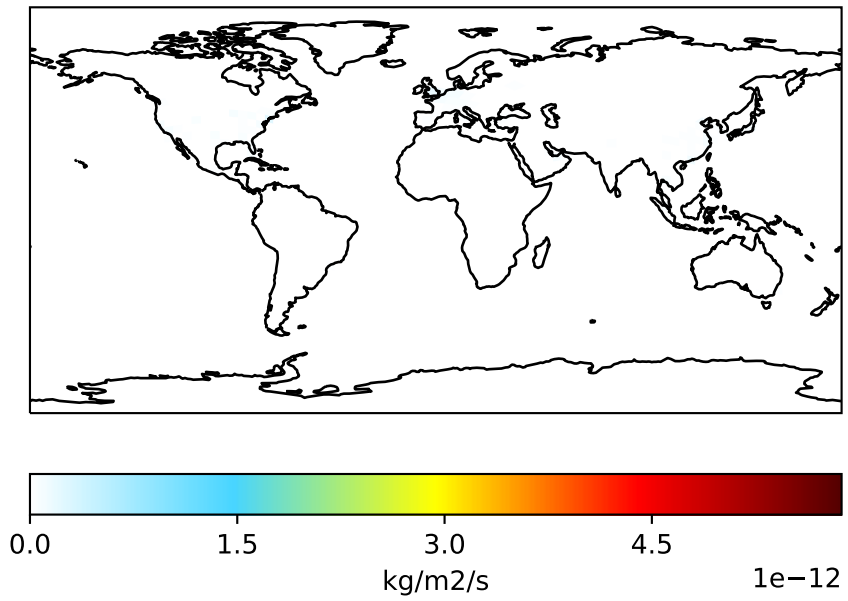


EmisPRPE_Aircraft (Oct2019)

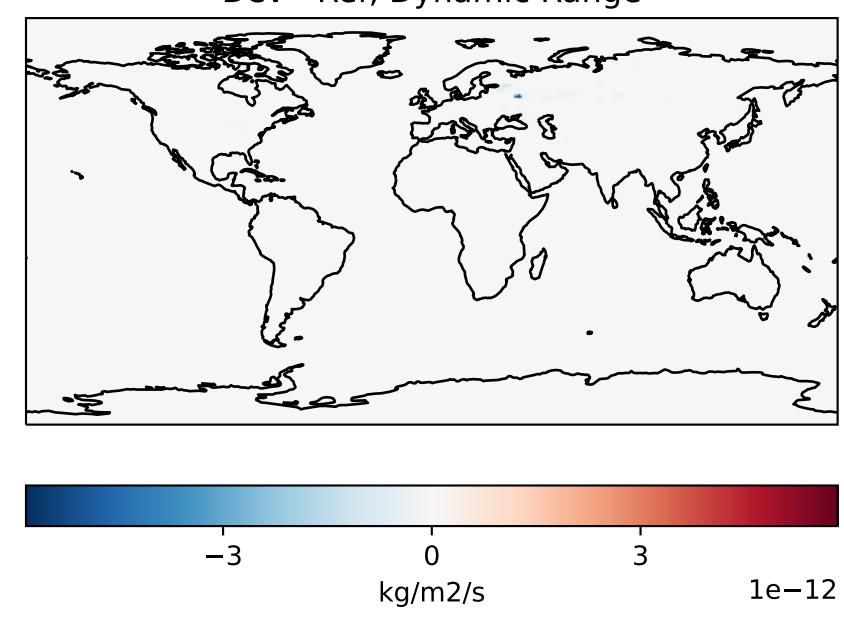
GCHP_13.0.0 (Ref)
c48



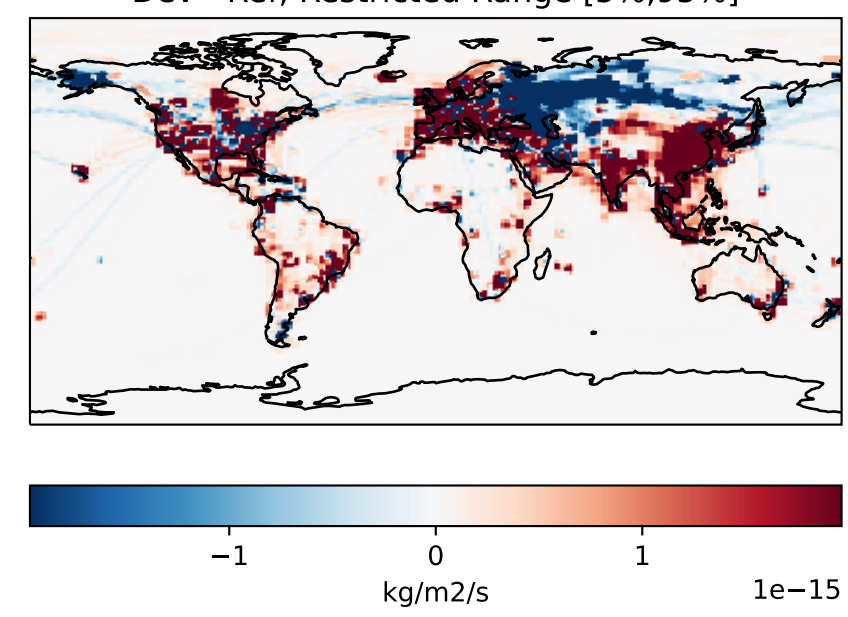
GCHP_14.0.0 (Dev)
c24



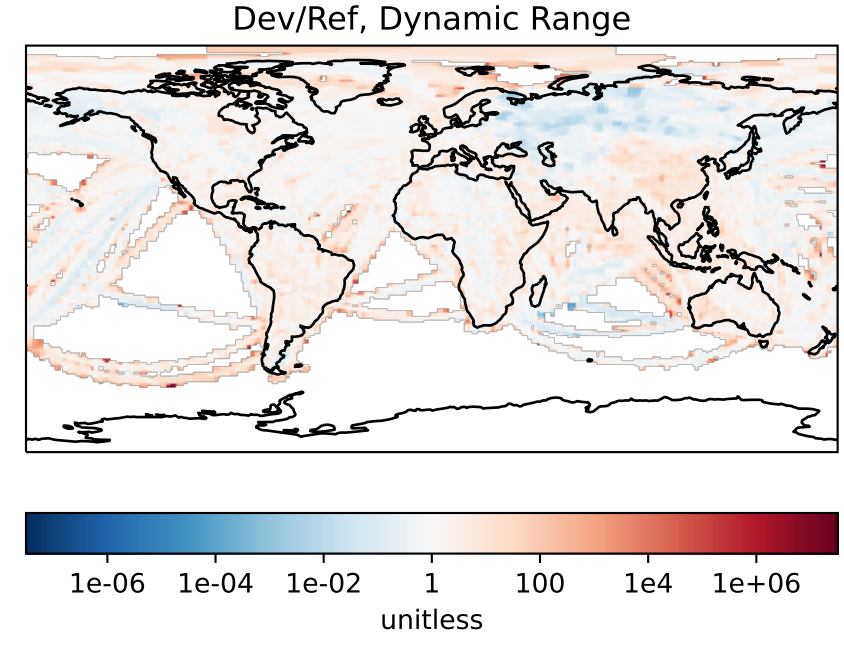
Difference (1x1.25)
Dev - Ref, Dynamic Range



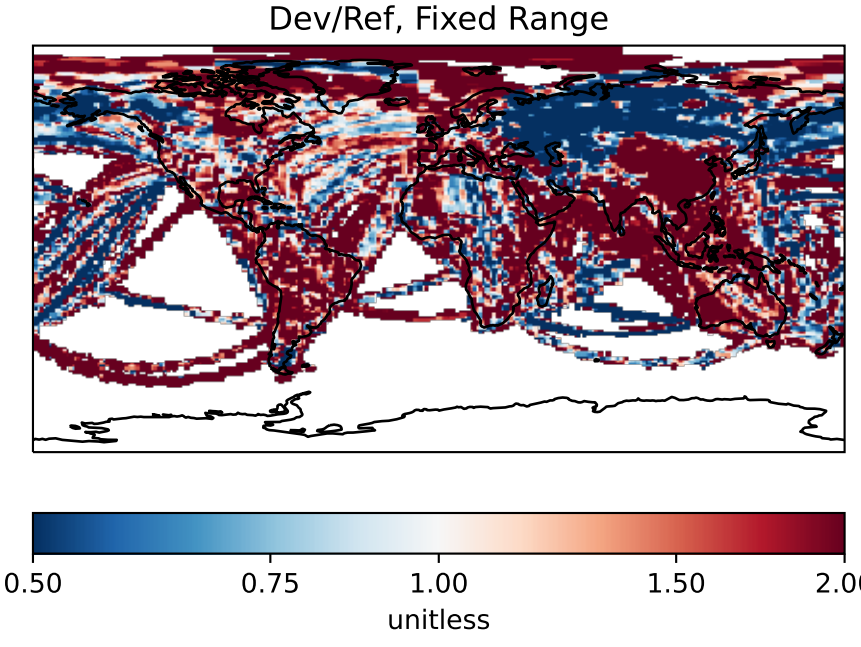
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

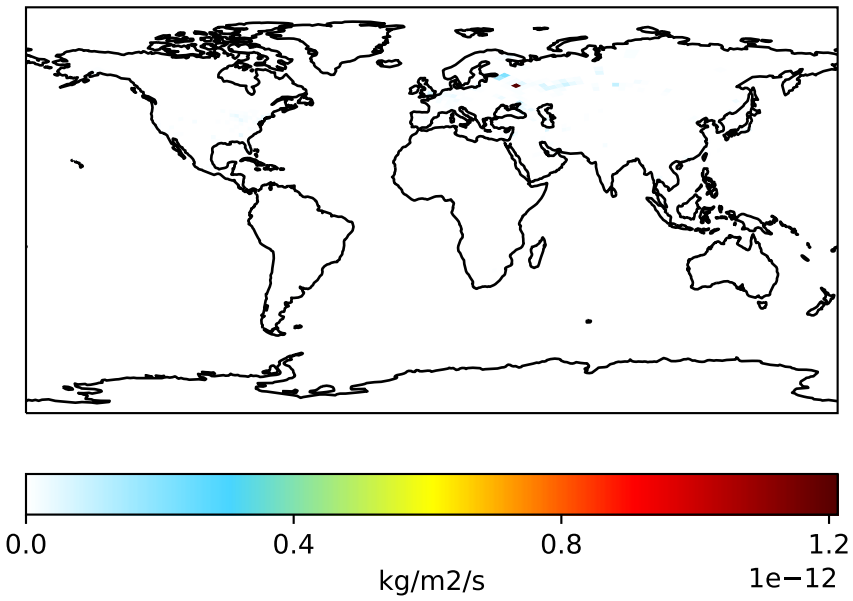


Ratio (1x1.25)
Dev/Ref, Fixed Range

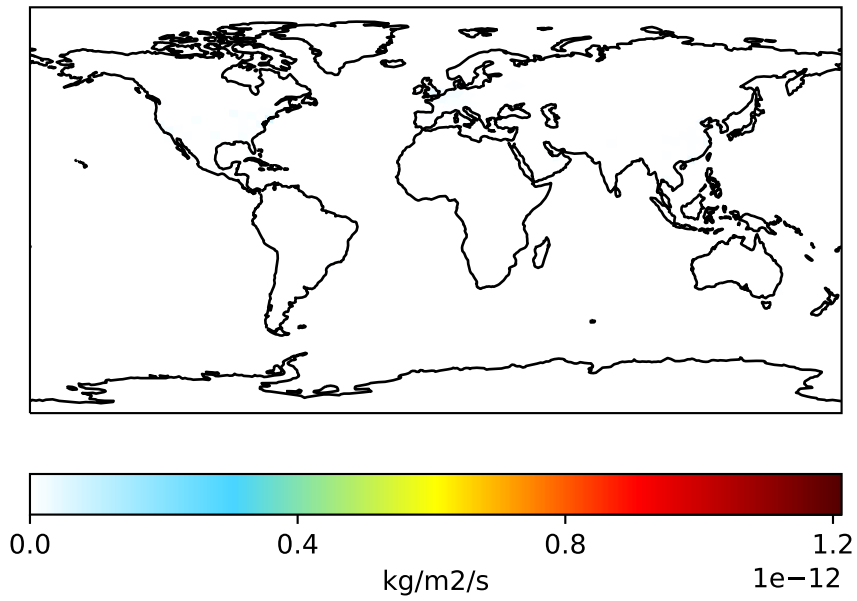


EmisRCHO_Aircraft (Oct2019)

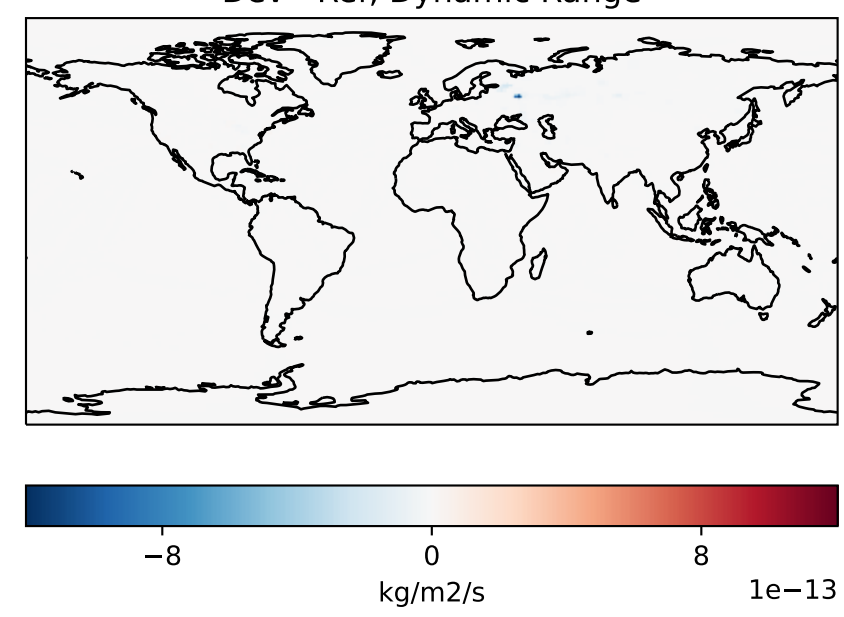
GCHP_13.0.0 (Ref)
c48



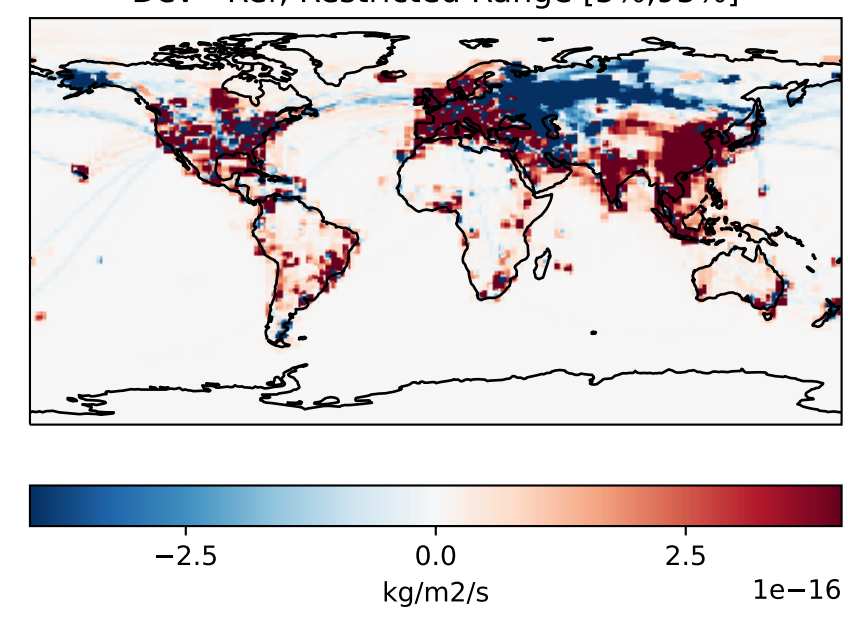
GCHP_14.0.0 (Dev)
c24



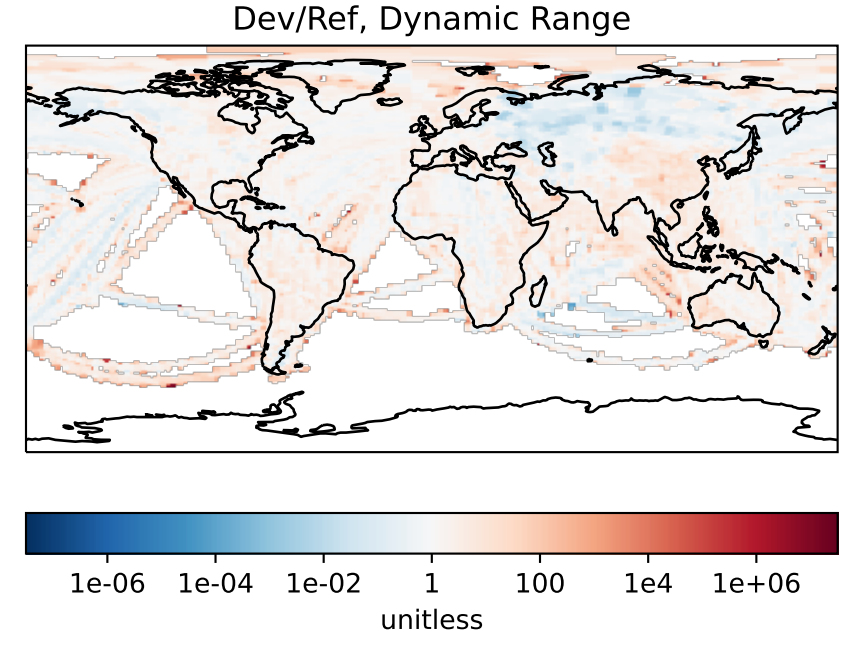
Difference (1x1.25)
Dev - Ref, Dynamic Range



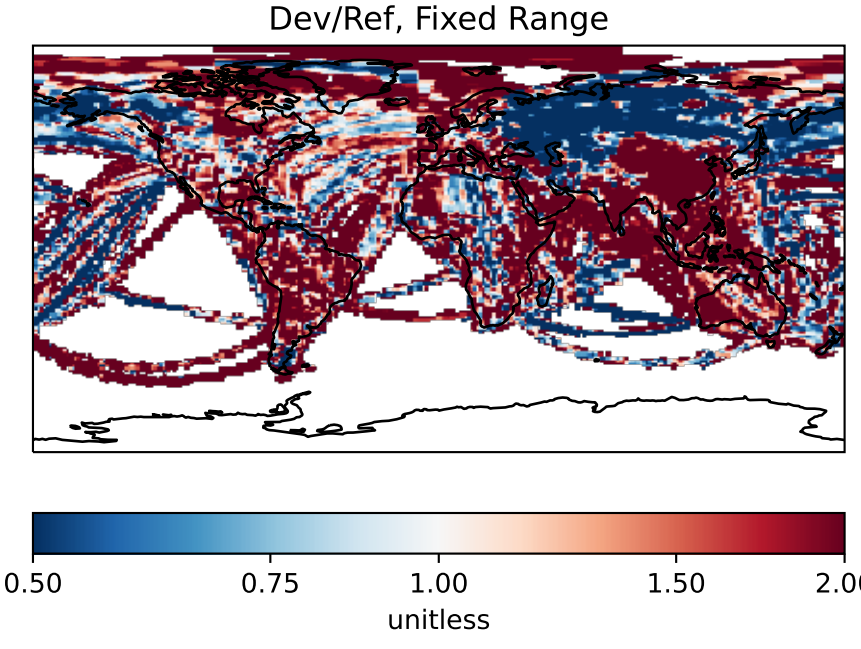
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

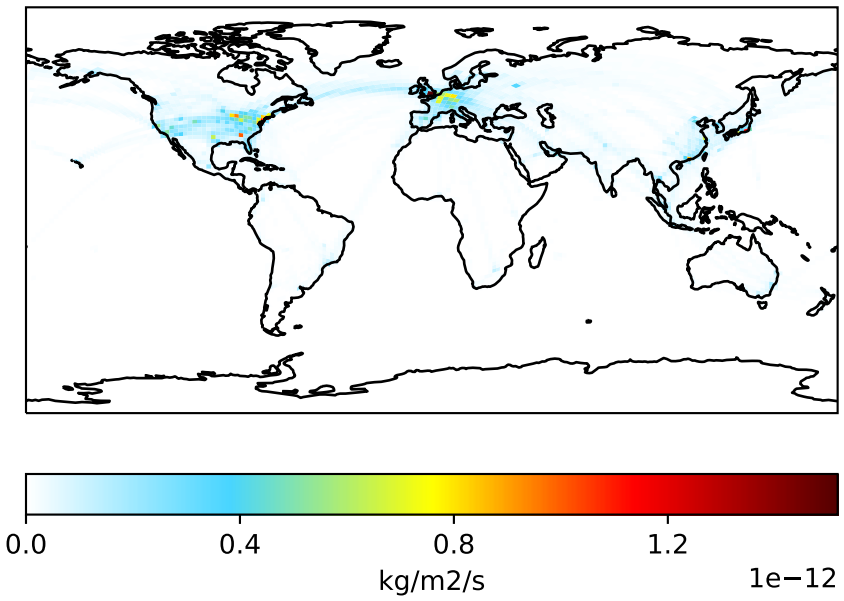


Ratio (1x1.25)
Dev/Ref, Fixed Range

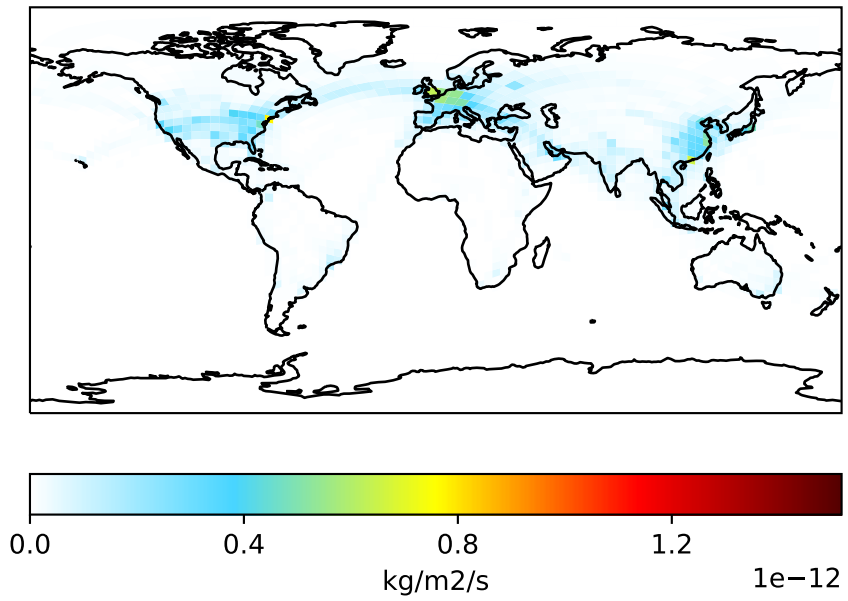


EmisSO2_Aircraft (Oct2019)

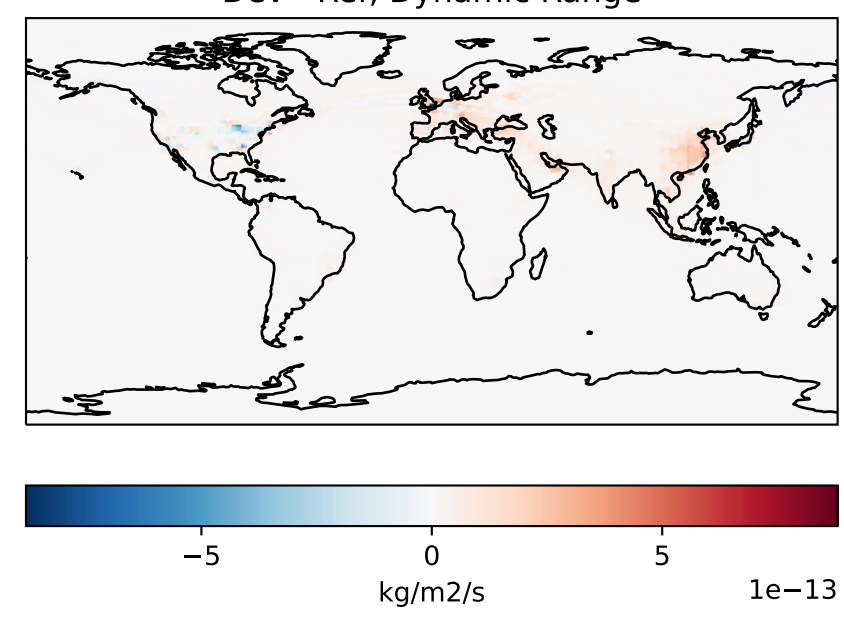
GCHP_13.0.0 (Ref)
c48



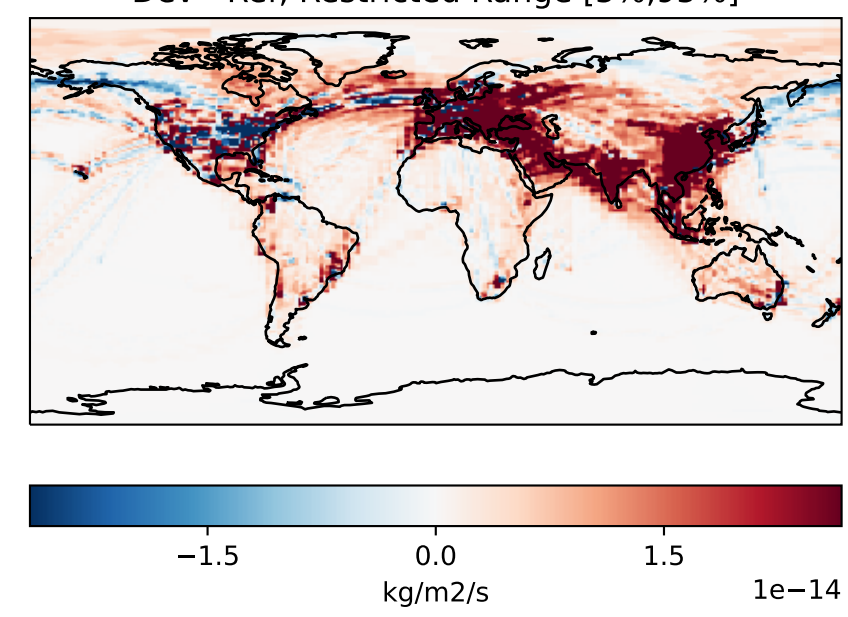
GCHP_14.0.0 (Dev)
c24



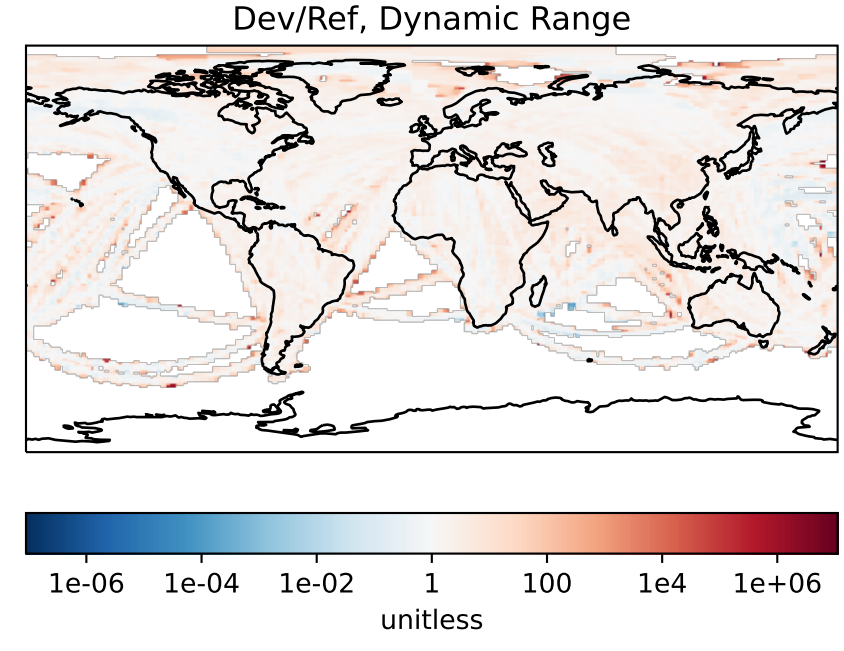
Difference (1x1.25)
Dev - Ref, Dynamic Range



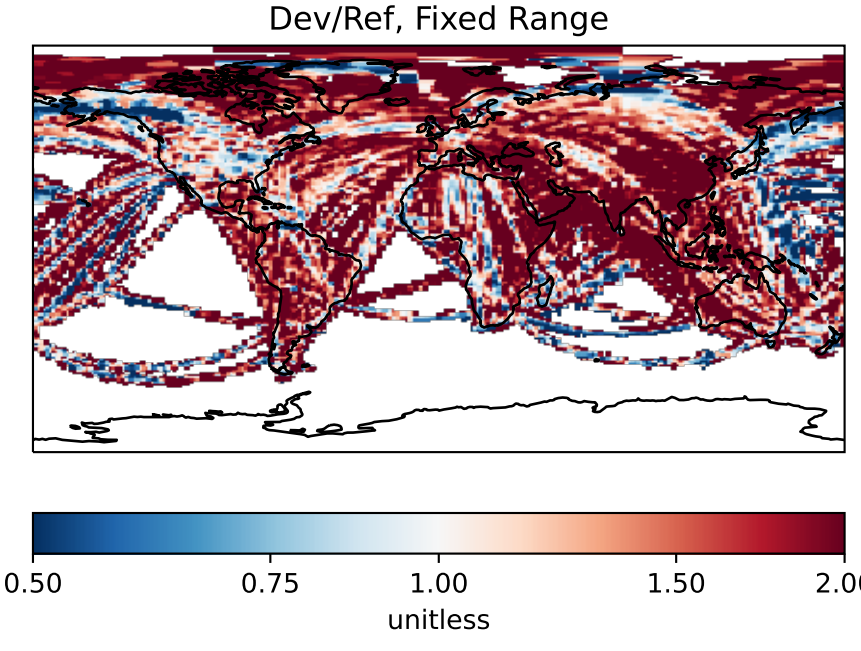
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

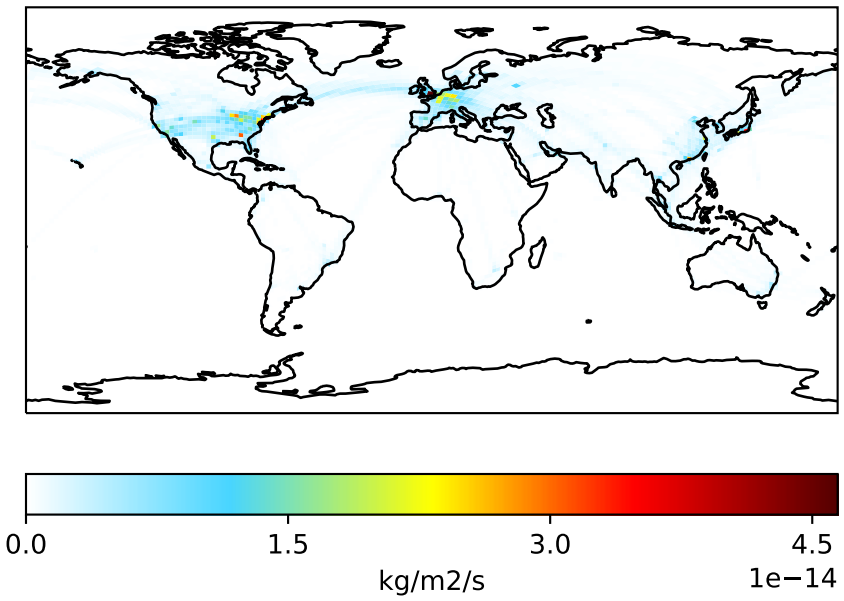


Ratio (1x1.25)
Dev/Ref, Fixed Range

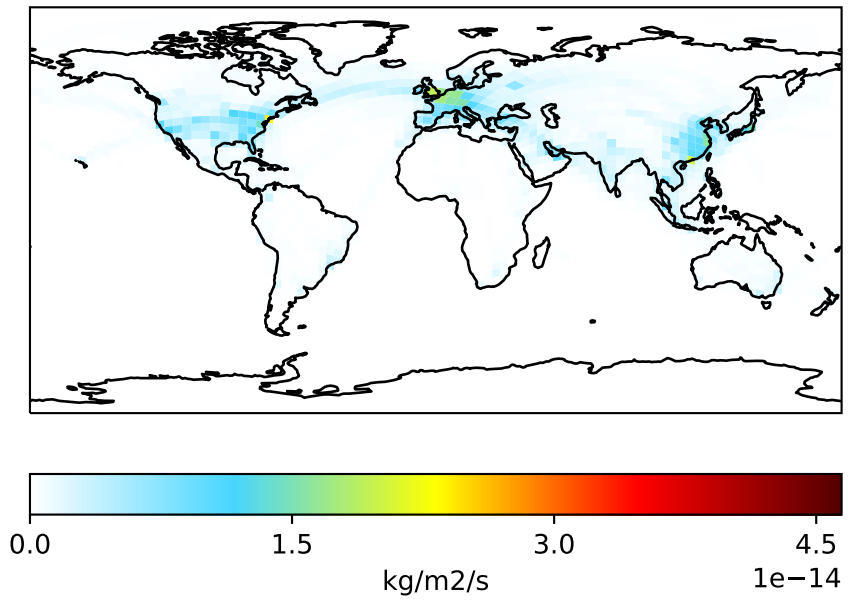


EmisSO4_Aircraft (Oct2019)

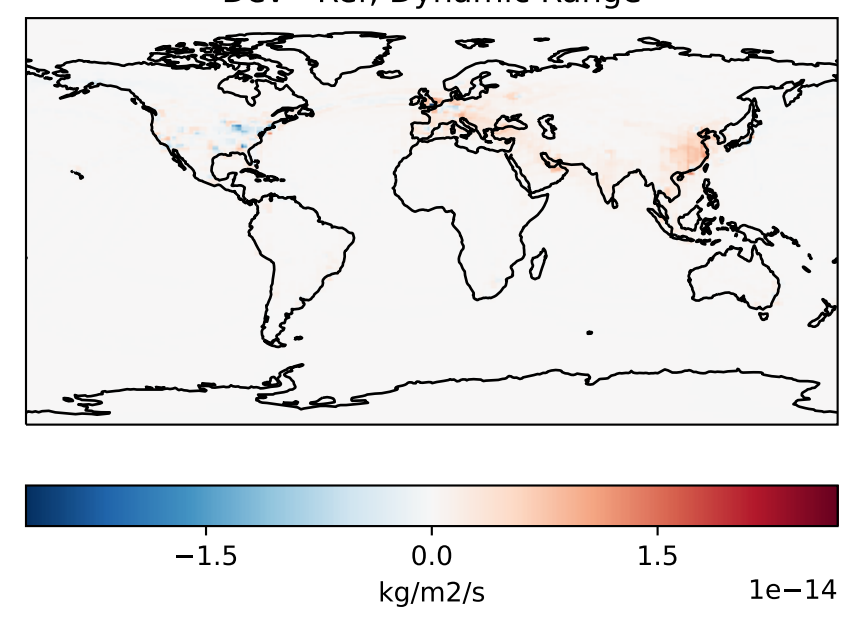
GCHP_13.0.0 (Ref)
c48



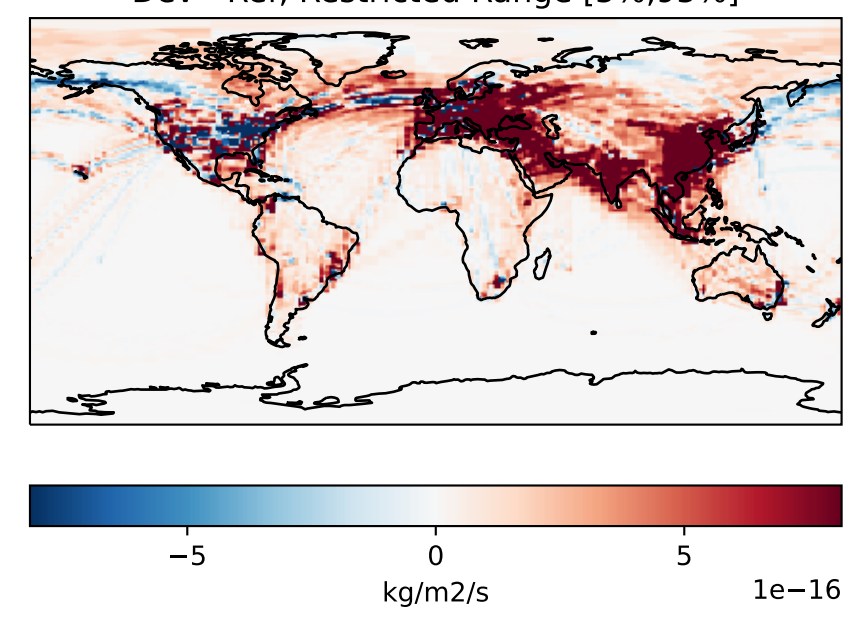
GCHP_14.0.0 (Dev)
c24



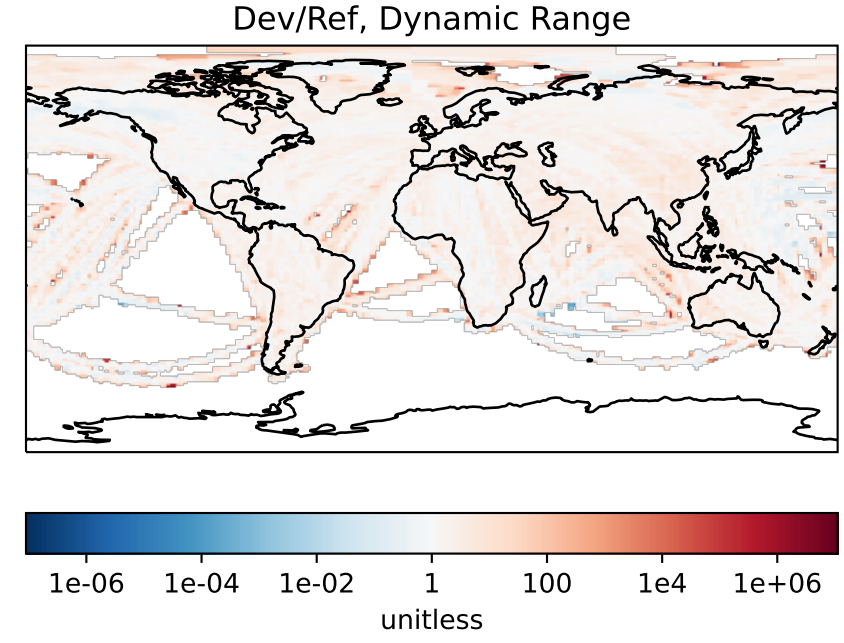
Difference (1x1.25)
Dev - Ref, Dynamic Range



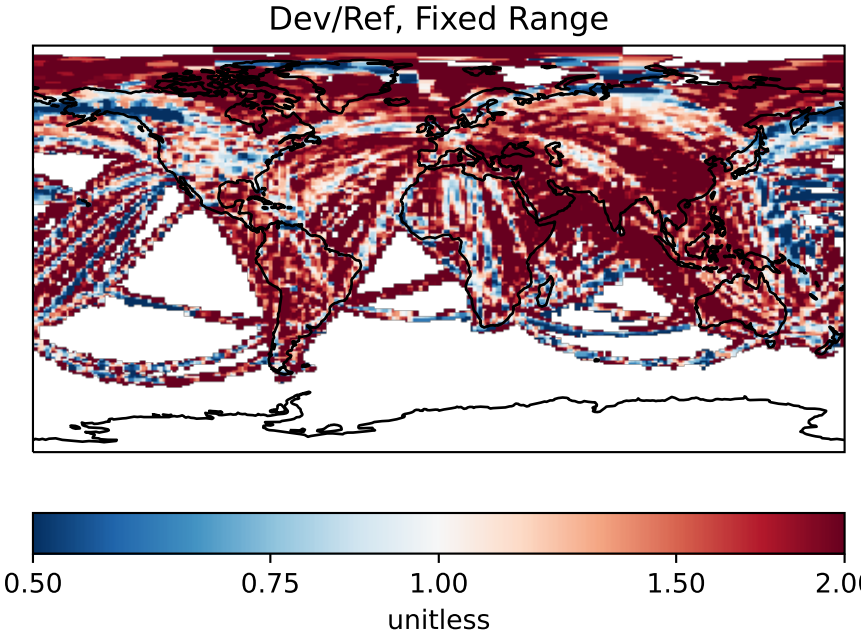
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

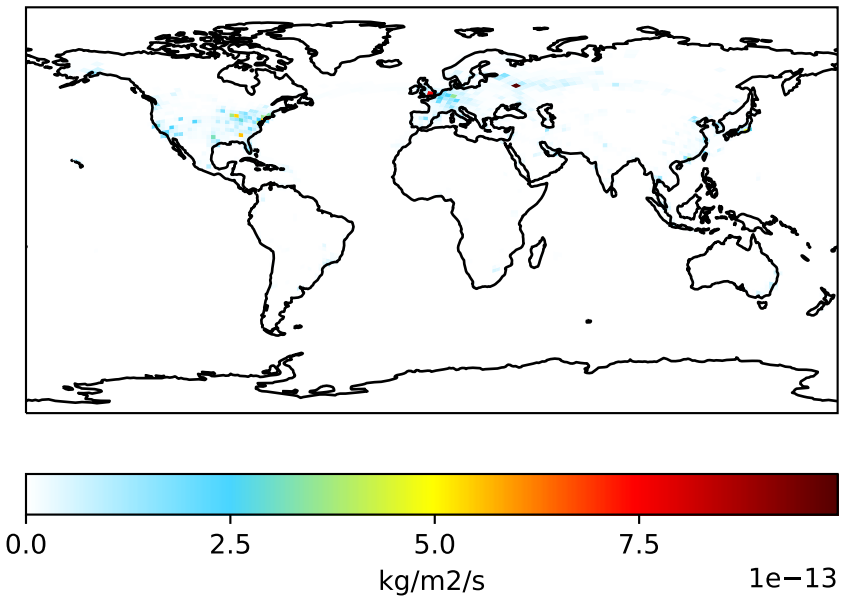


Ratio (1x1.25)
Dev/Ref, Fixed Range

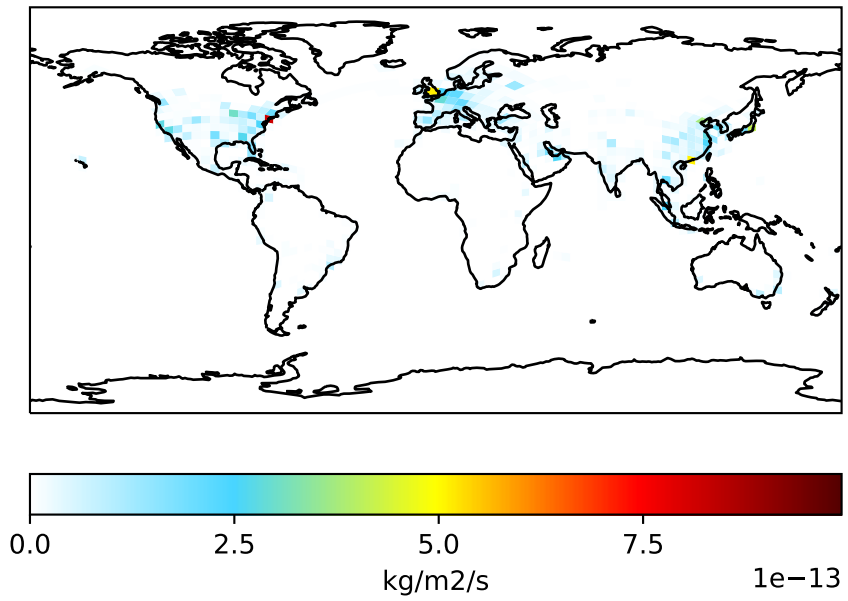


EmisSOAP_Aircraft (Oct2019)

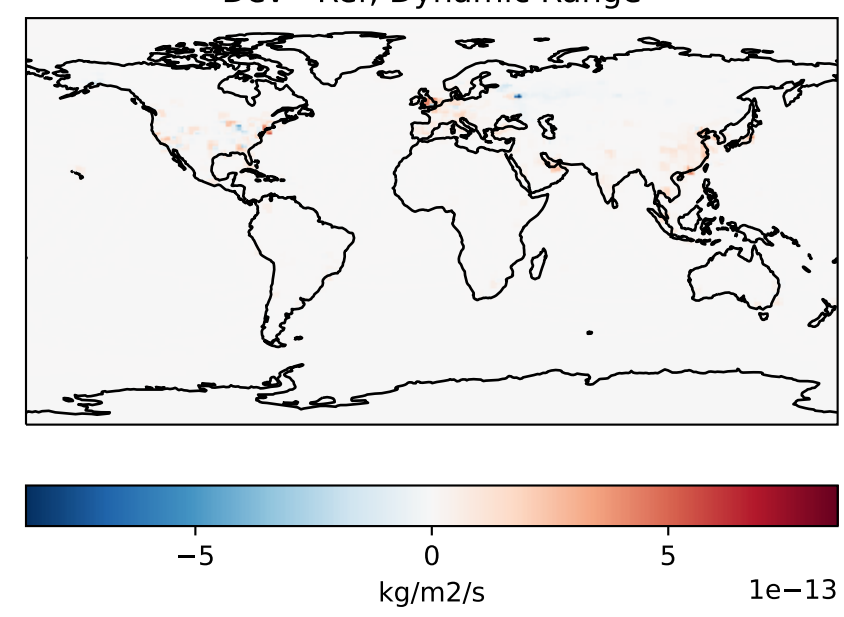
GCHP_13.0.0 (Ref)
c48



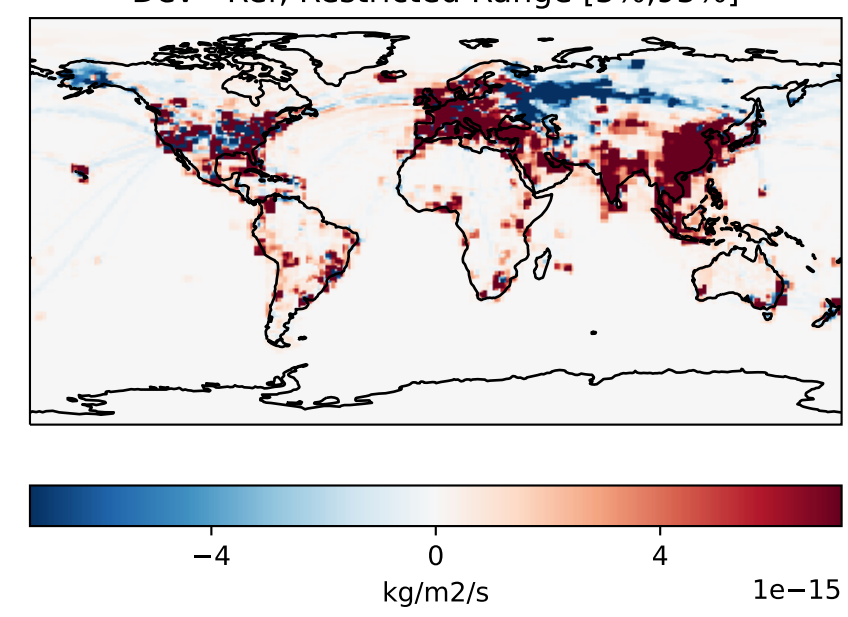
GCHP_14.0.0 (Dev)
c24



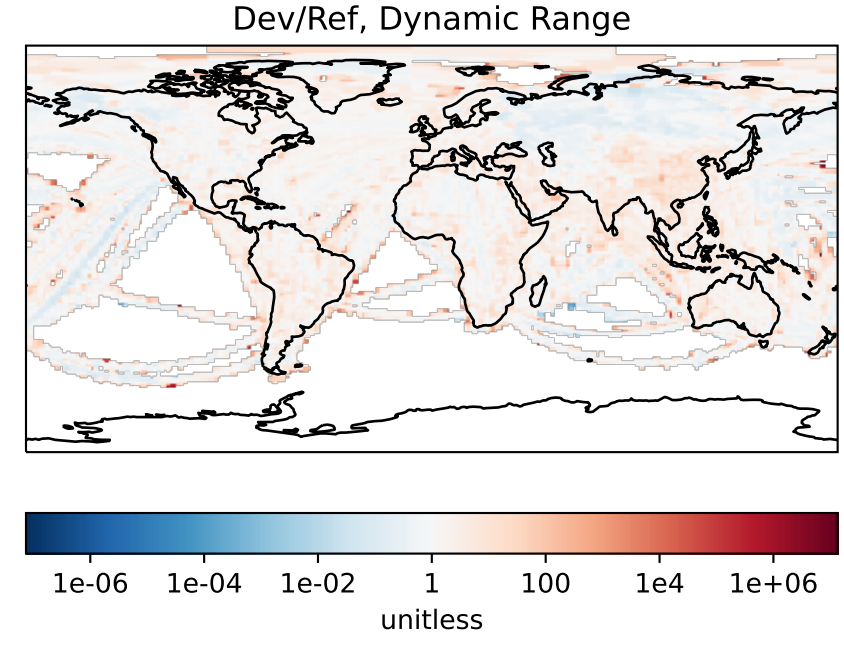
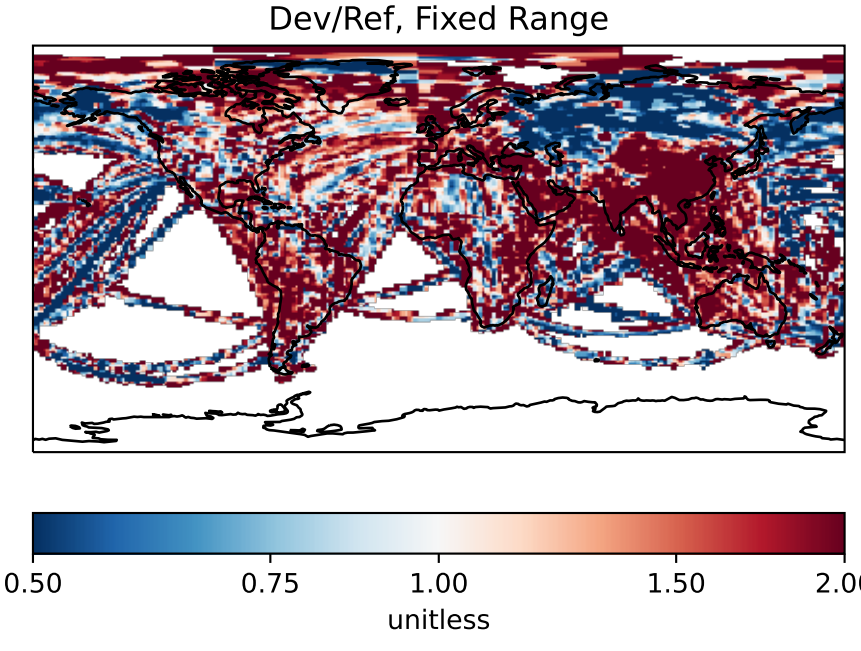
Difference (1x1.25)
Dev - Ref, Dynamic Range



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



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



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