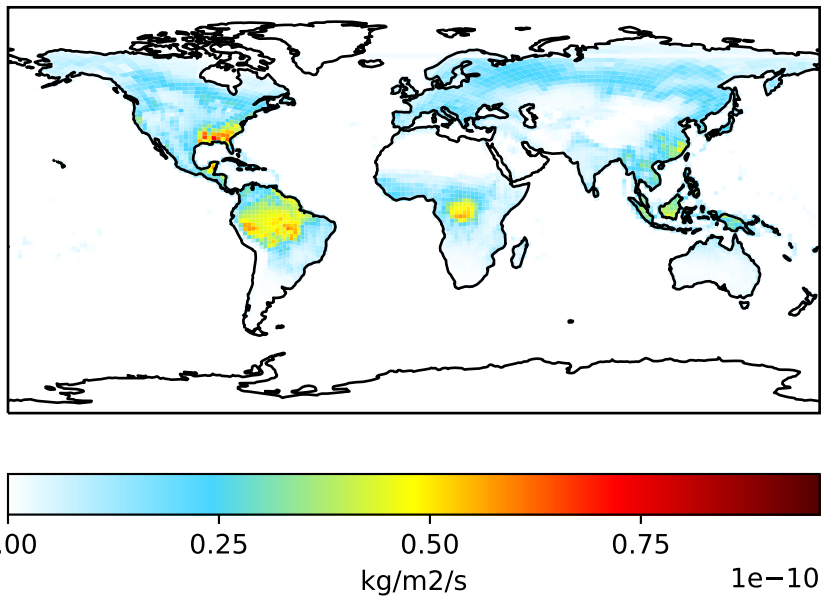
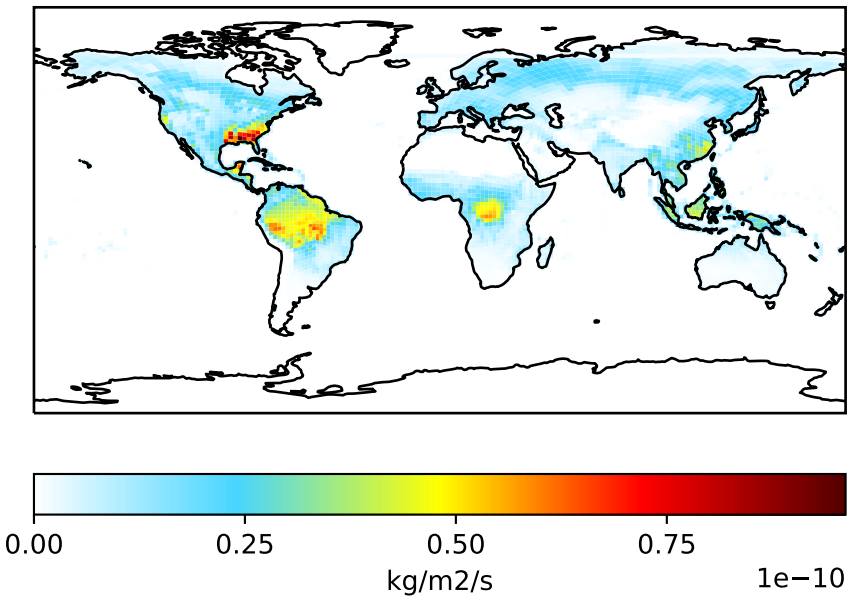
EmisACET_Biogenic

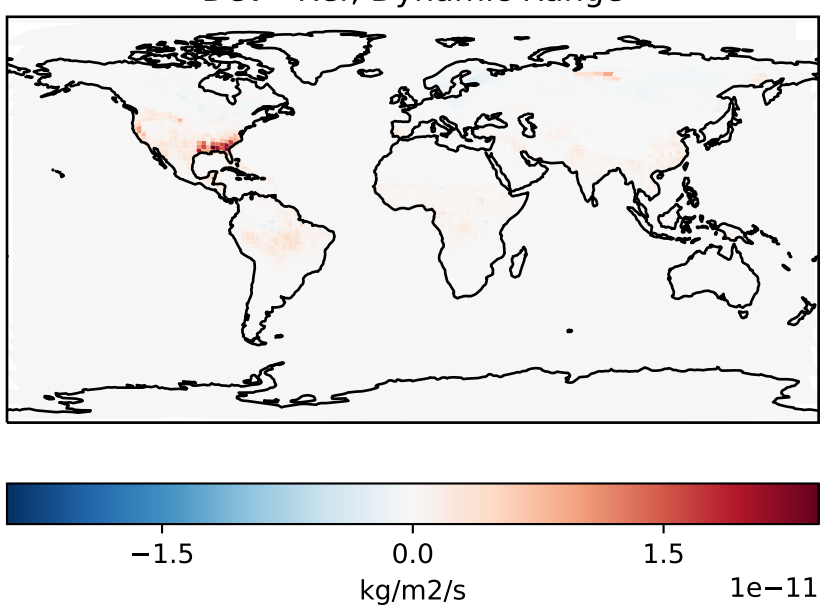
GCHP_12.4.0 (Ref)
c48



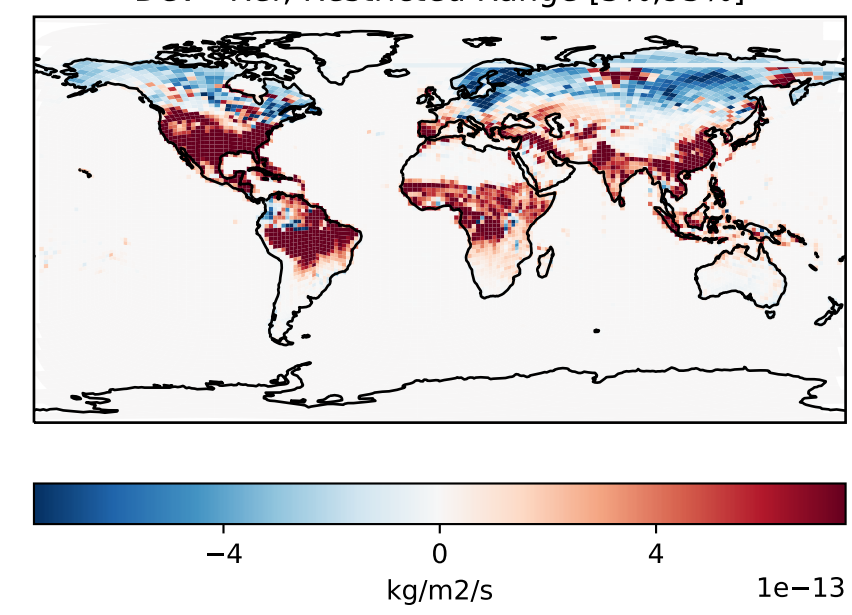
GCHP_12.5.0 (Dev)
c48



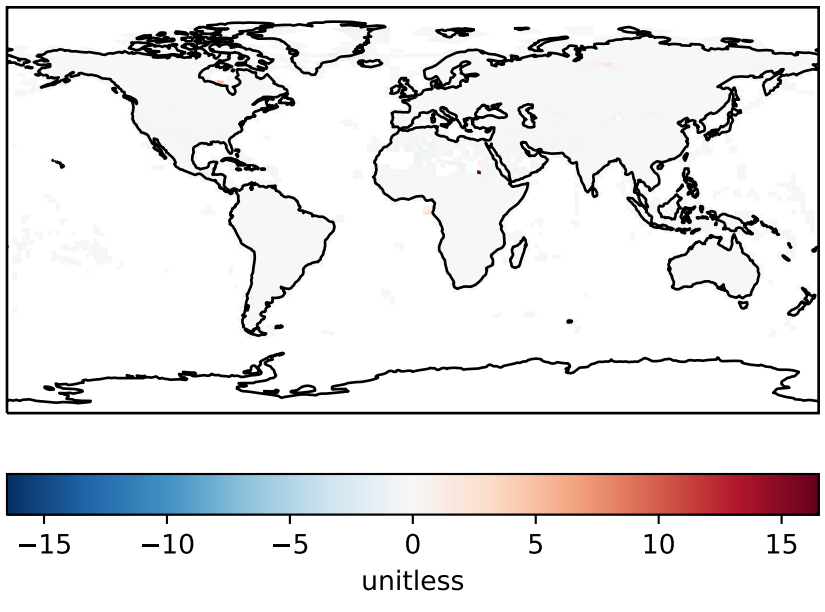
Difference
Dev - Ref, Dynamic Range



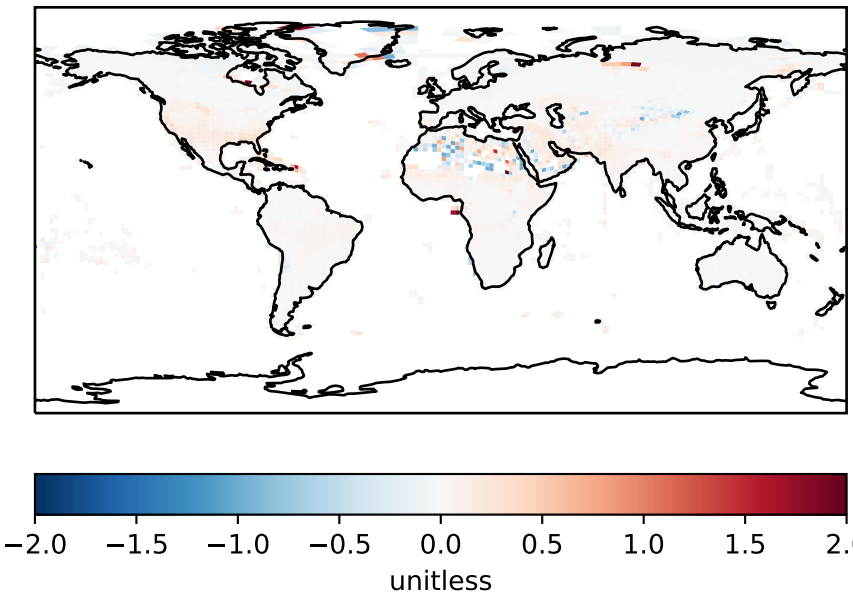
Difference
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference
(Dev-Ref)/Ref, Dynamic Range

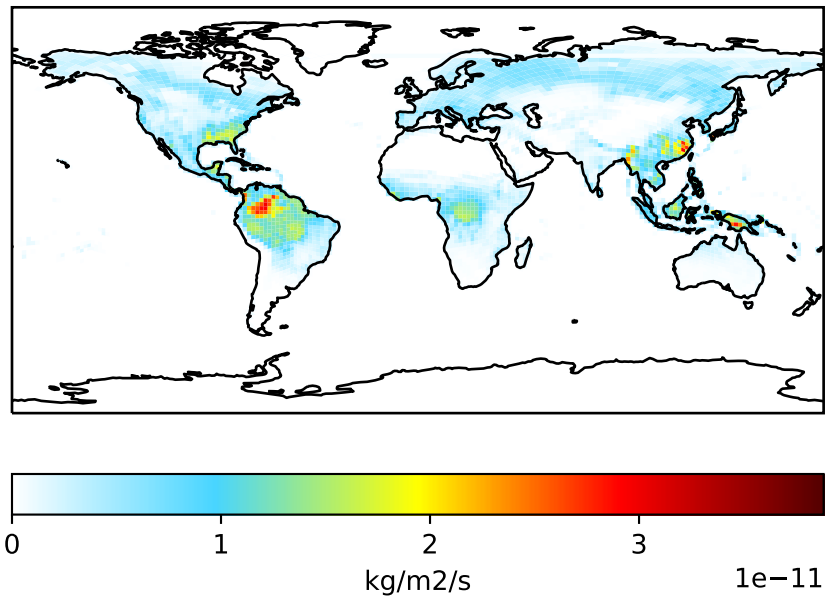


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

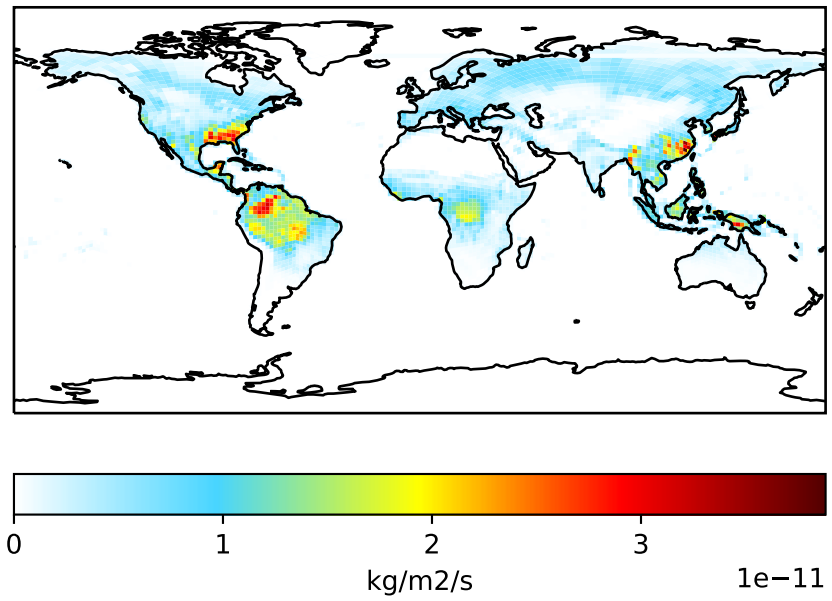


EmisALD2_Biogenic

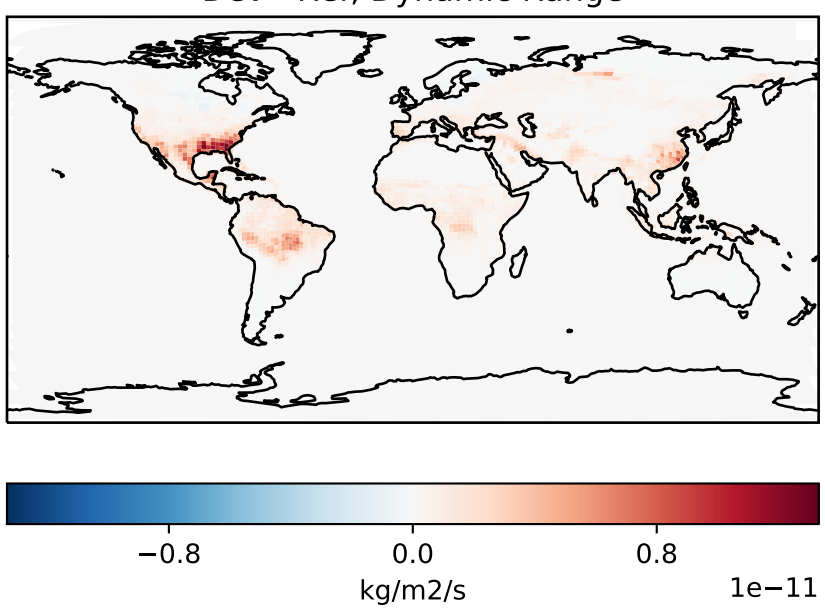
GCHP_12.4.0 (Ref)
c48



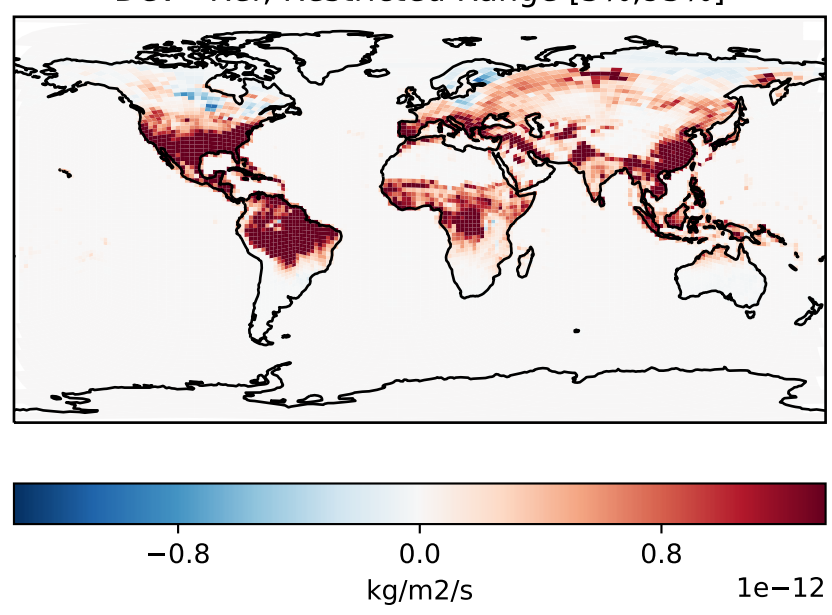
GCHP_12.5.0 (Dev)
c48



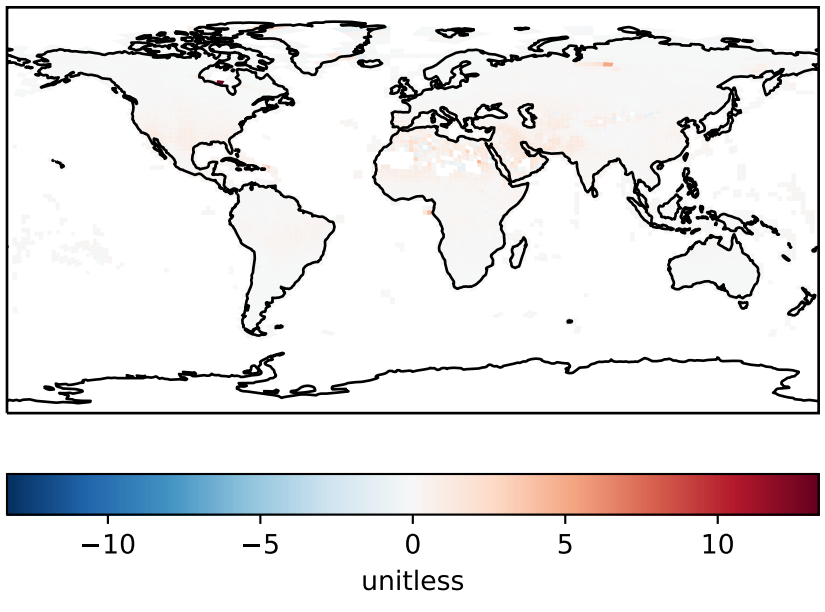
Difference
Dev - Ref, Dynamic Range



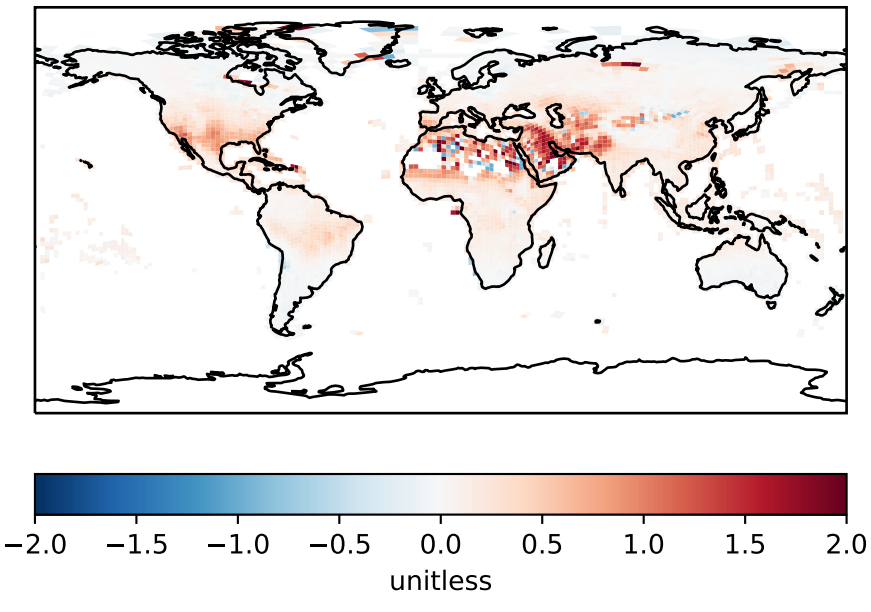
Difference
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference
(Dev-Ref)/Ref, Dynamic Range

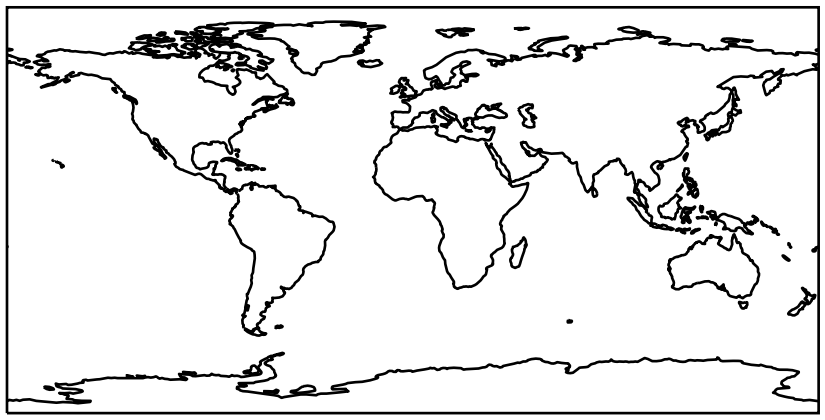


Fractional Difference
(Dev-Ref)/Ref, Fixed Range



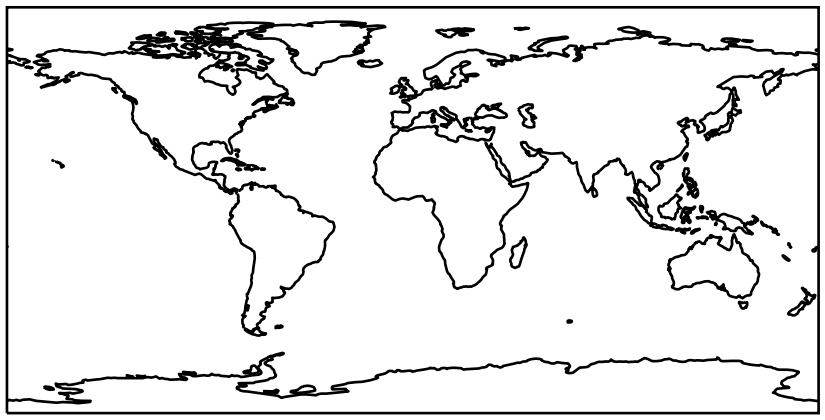
EmisC2H4_Biogenic

GCHP_12.4.0 (Ref)
c48



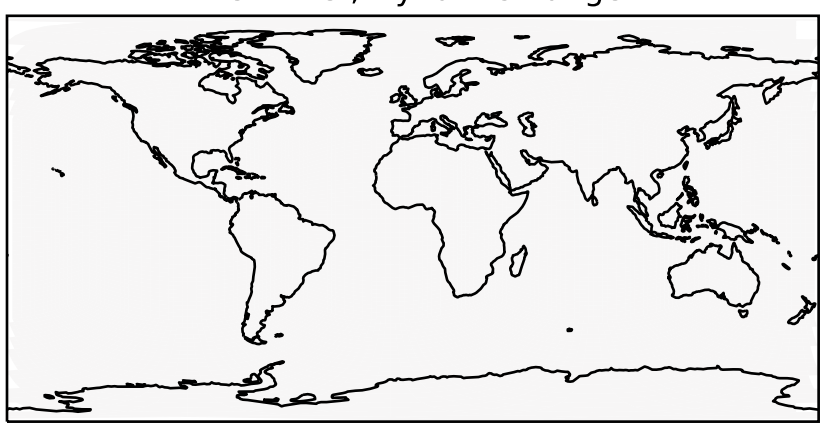
Zero throughout domain
kg/m2/s

GCHP_12.5.0 (Dev)
c48



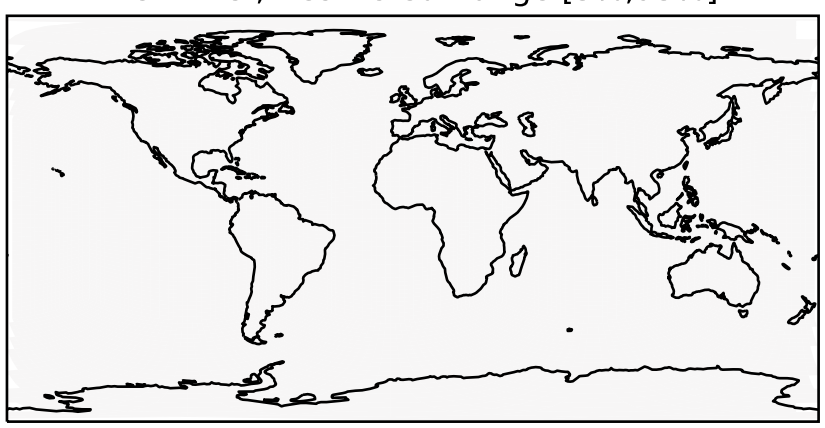
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



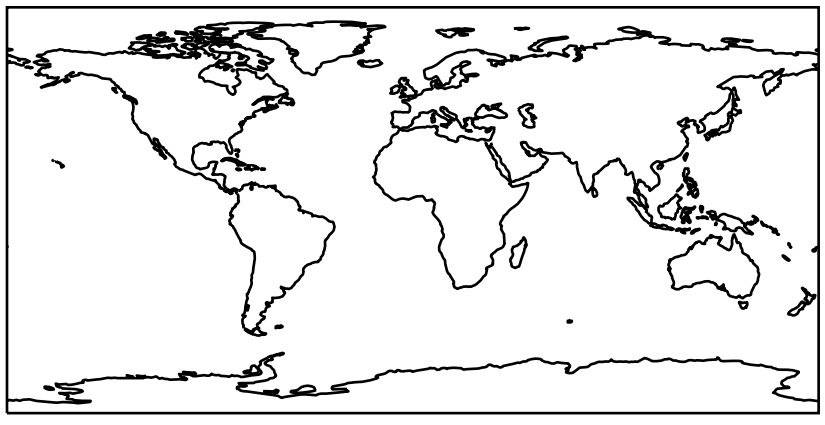
Zero throughout domain
kg/m2/s

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



Zero throughout domain
kg/m2/s

Fractional Difference
(Dev-Ref)/Ref, Dynamic Range



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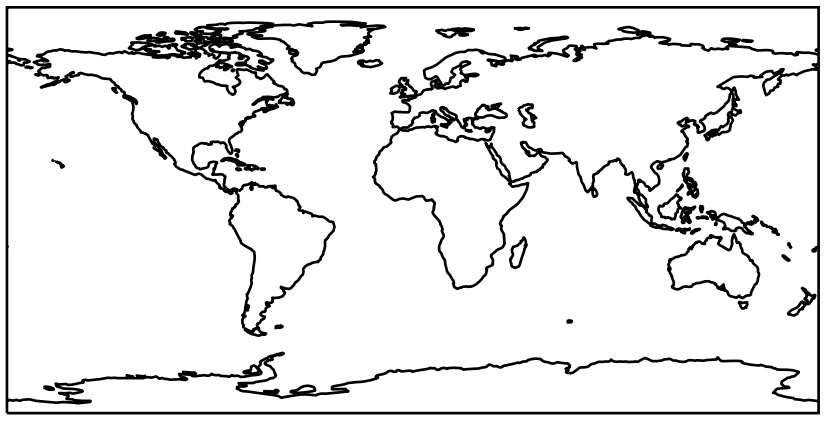
unitless

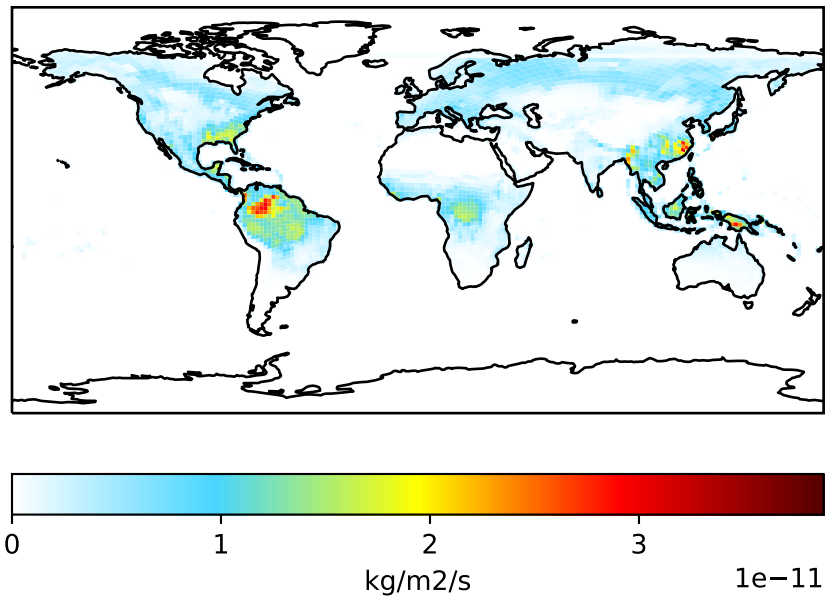
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



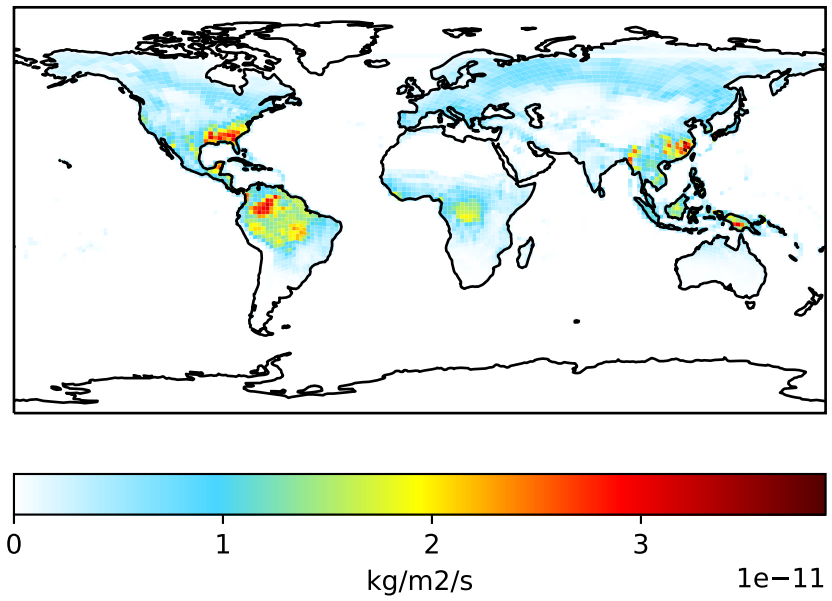
Undefined throughout domain
unitless

EmisEOH_Biogenic

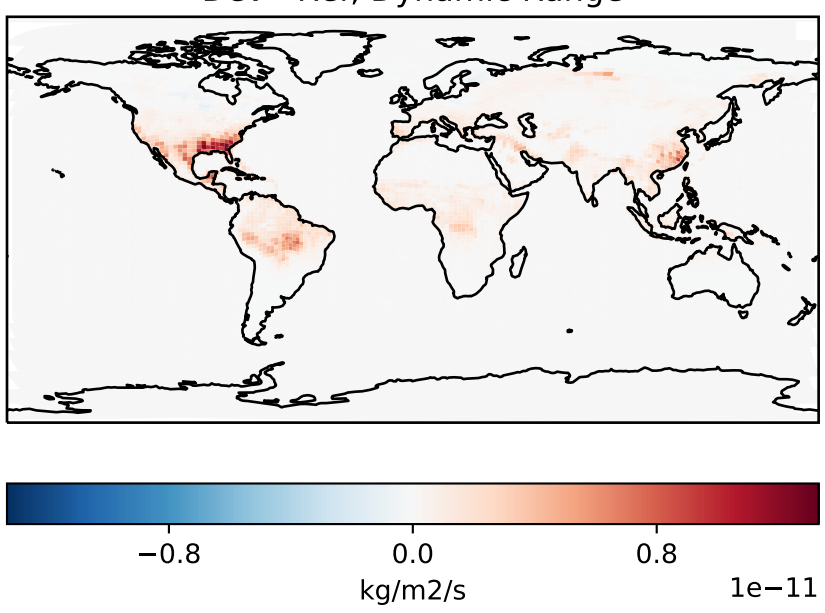
GCHP_12.4.0 (Ref)
c48



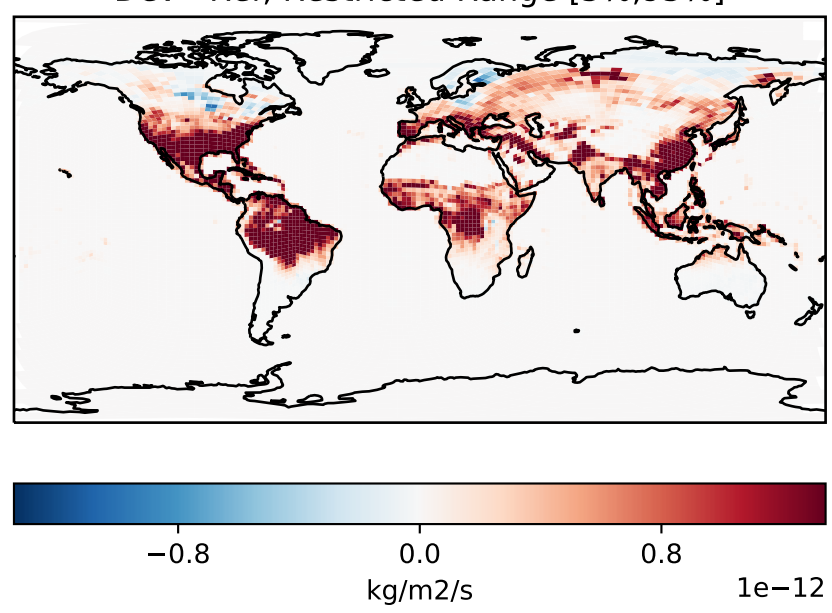
GCHP_12.5.0 (Dev)
c48



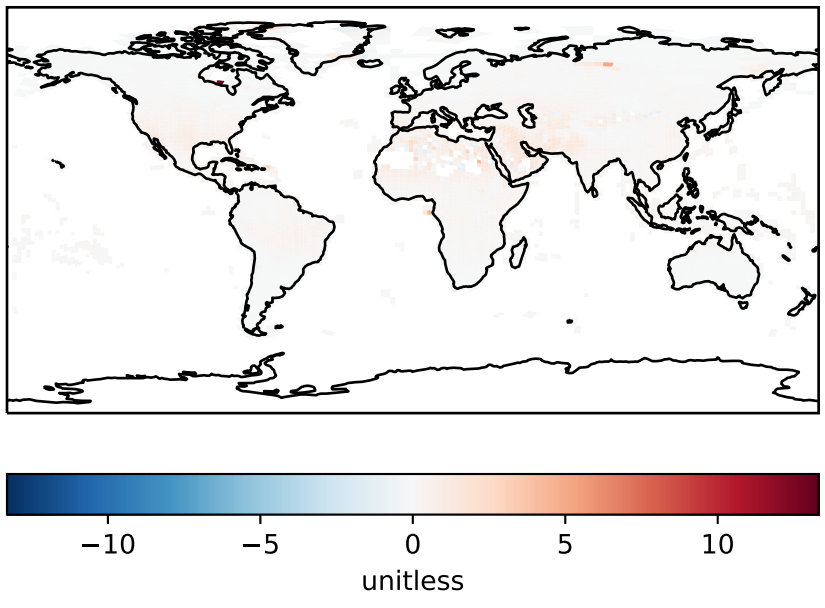
Difference
Dev - Ref, Dynamic Range



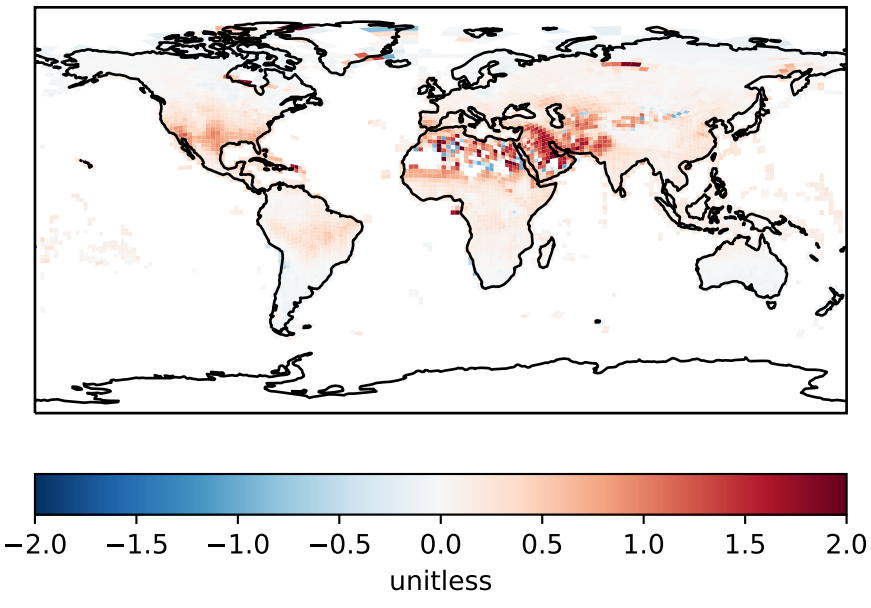
Difference
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference
(Dev-Ref)/Ref, Dynamic Range

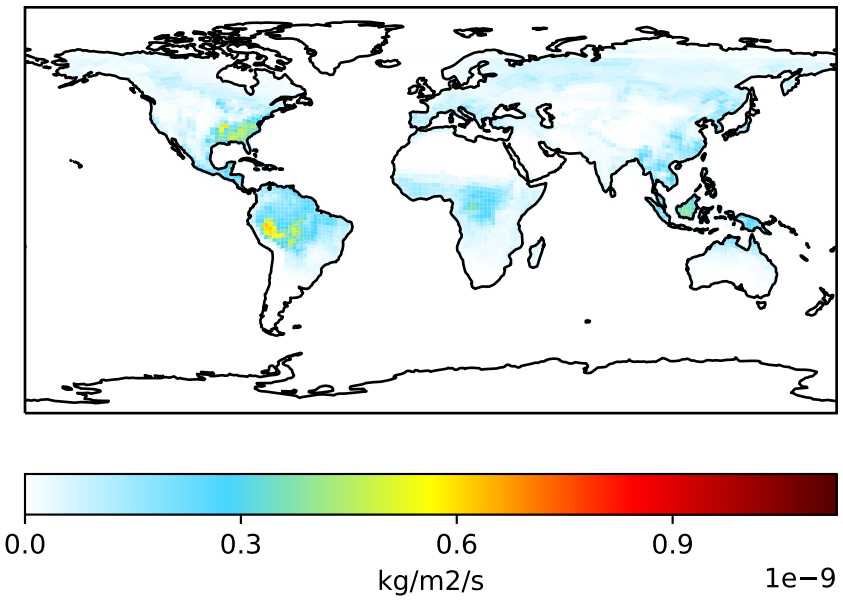


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

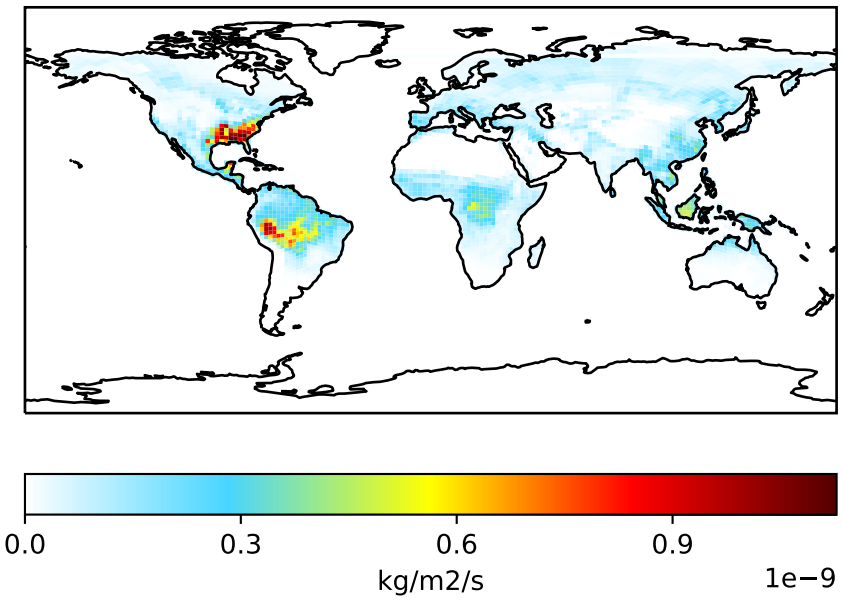


EmisISOP_Biogenic

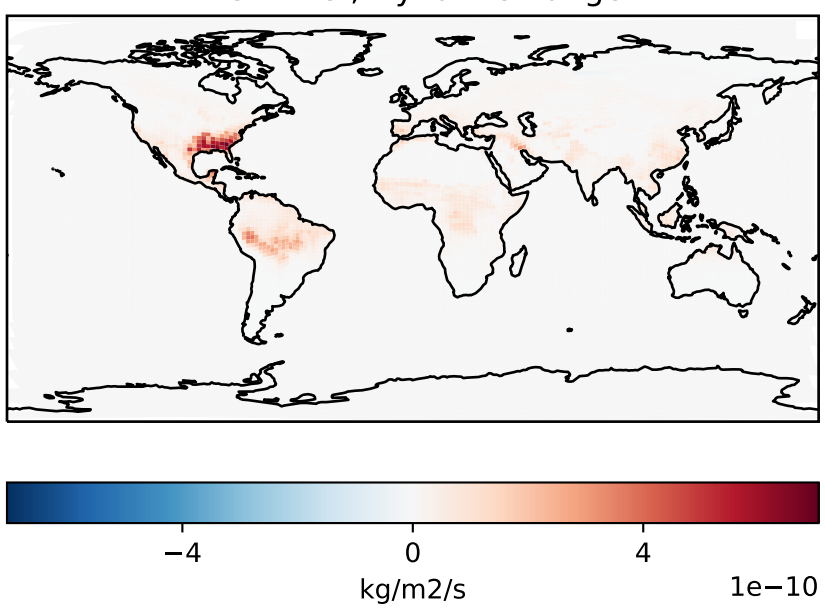
GCHP_12.4.0 (Ref)
c48



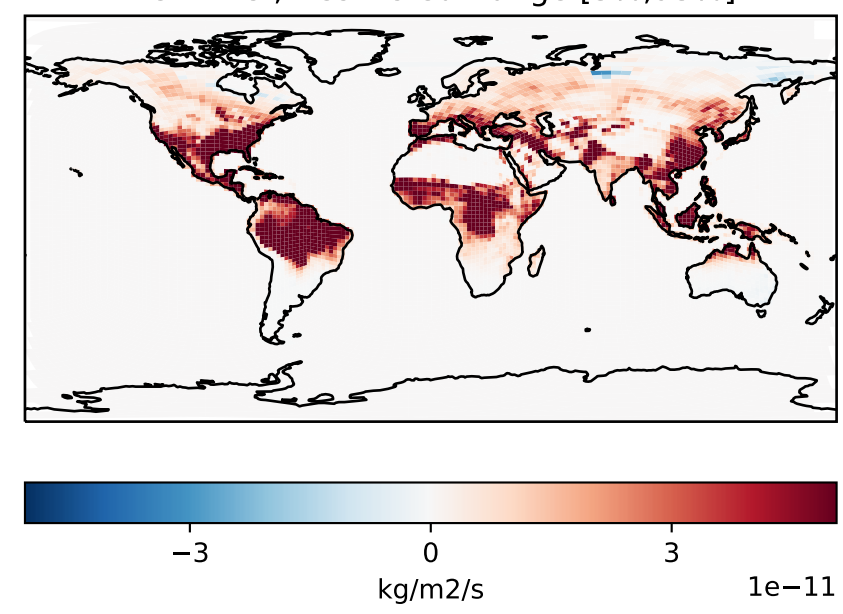
GCHP_12.5.0 (Dev)
c48



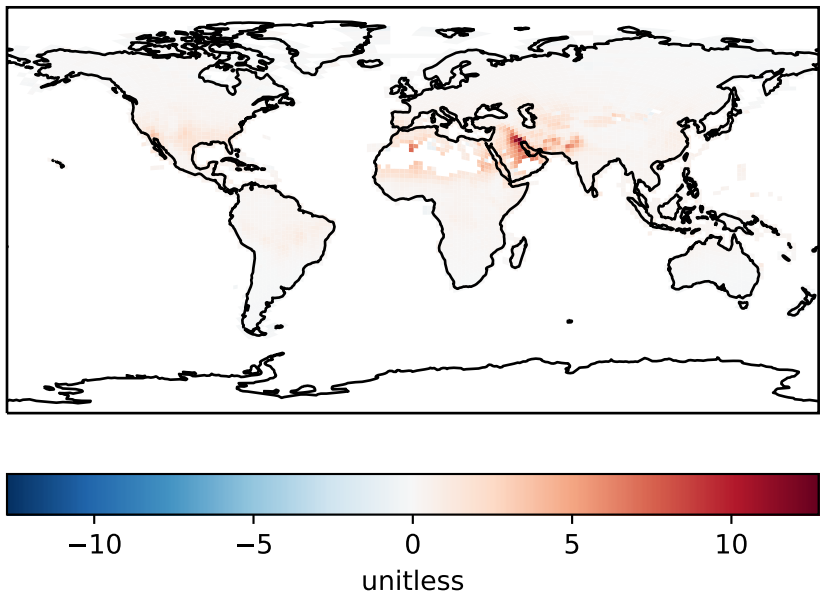
Difference
Dev - Ref, Dynamic Range



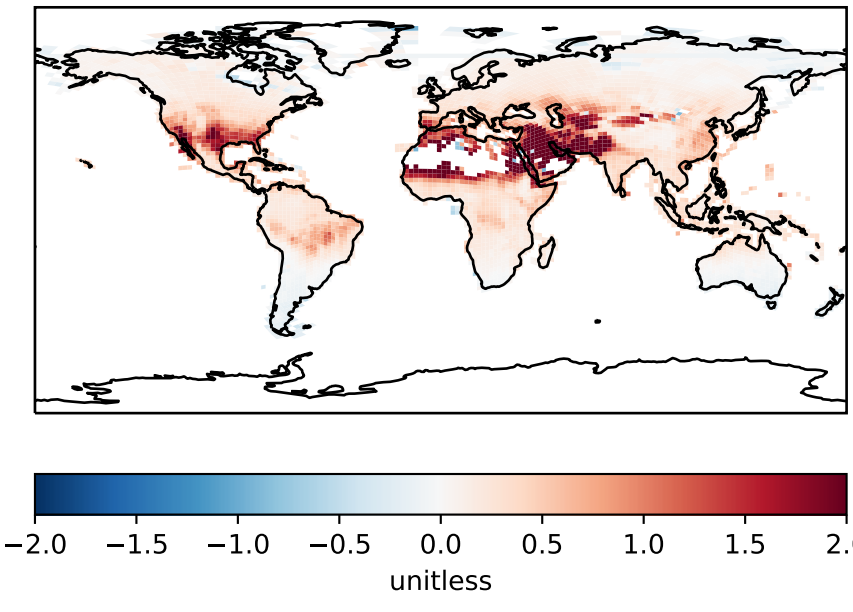
Difference
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference
(Dev-Ref)/Ref, Dynamic Range

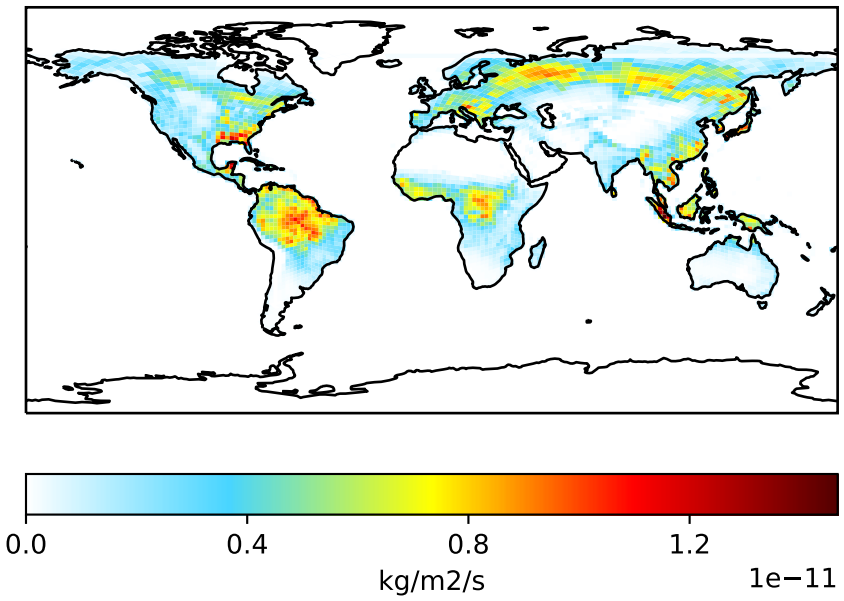


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

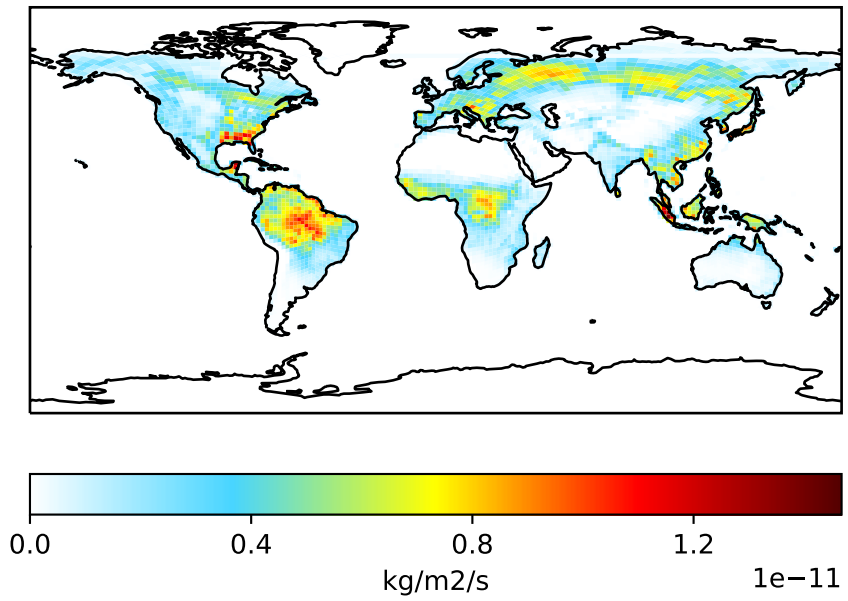


EmisLIMO_Biogenic

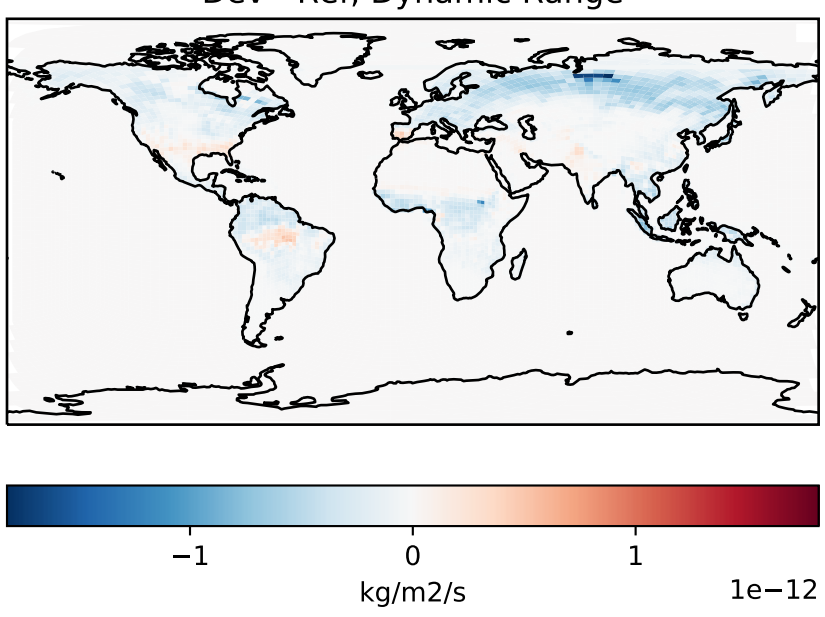
GCHP_12.4.0 (Ref)
c48



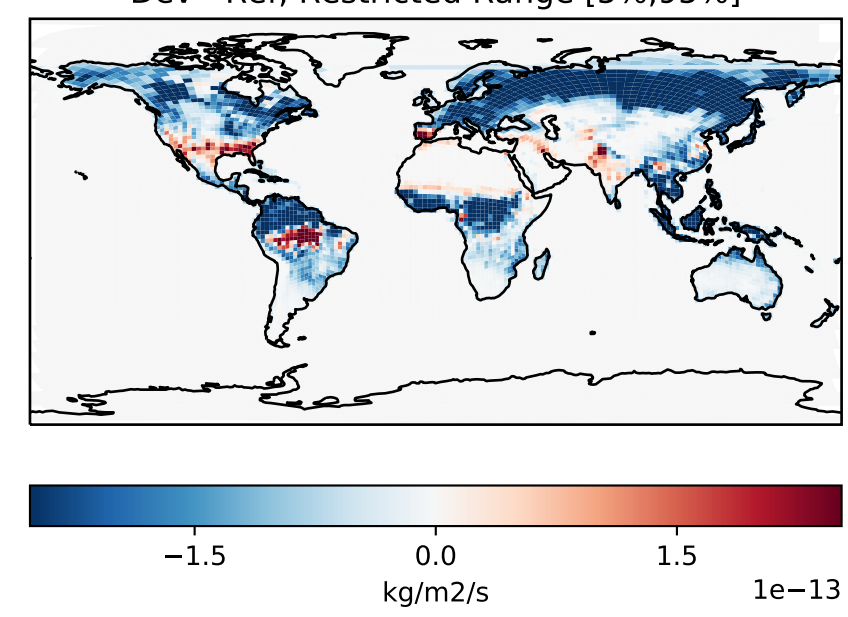
GCHP_12.5.0 (Dev)
c48



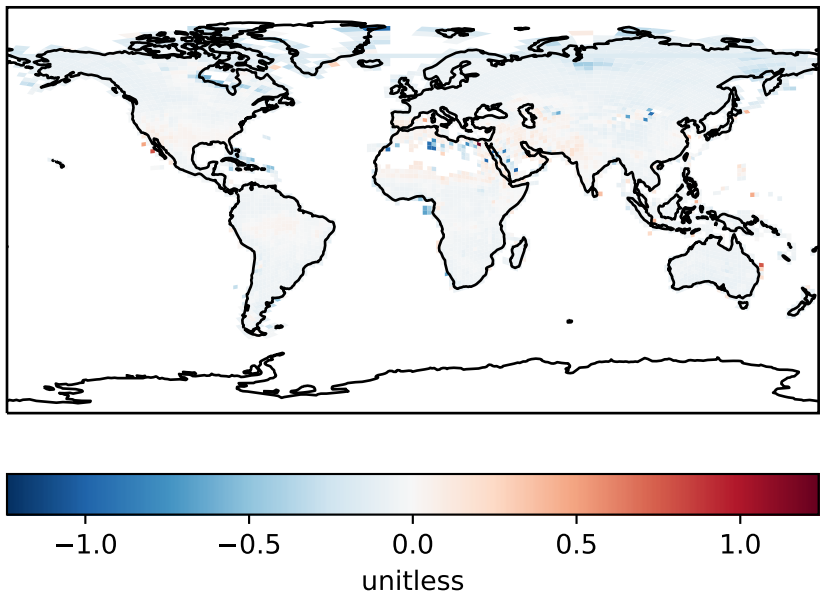
Difference
Dev - Ref, Dynamic Range



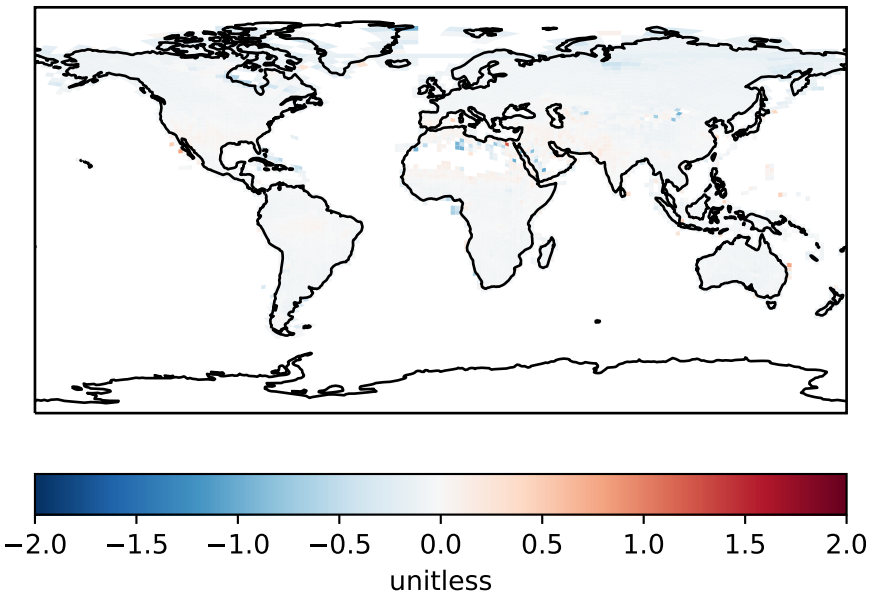
Difference
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference
(Dev-Ref)/Ref, Dynamic Range

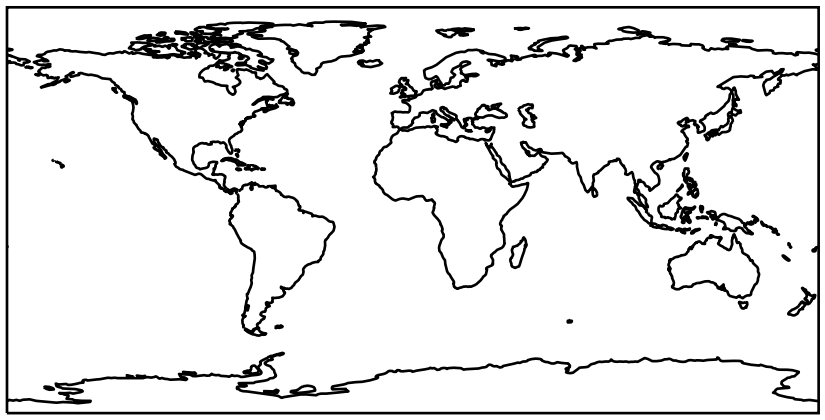


Fractional Difference
(Dev-Ref)/Ref, Fixed Range



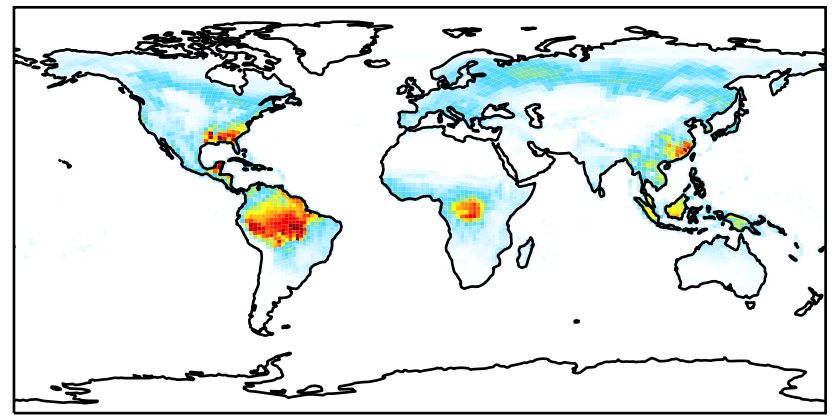
EmisMTPA_Biogenic

GCHP_12.4.0 (Ref)
c48



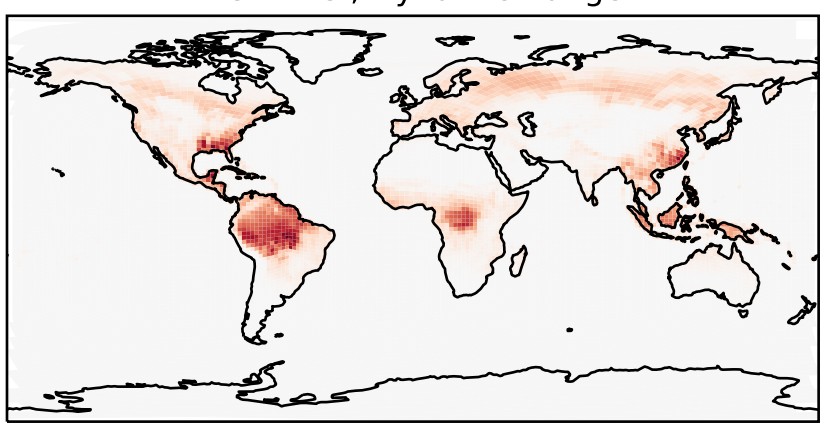
Zero throughout domain
kg/m2/s

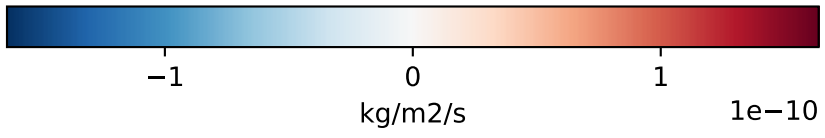
GCHP_12.5.0 (Dev)
c48



0.0 0.5 1.0 1.5
kg/m2/s
1e−10

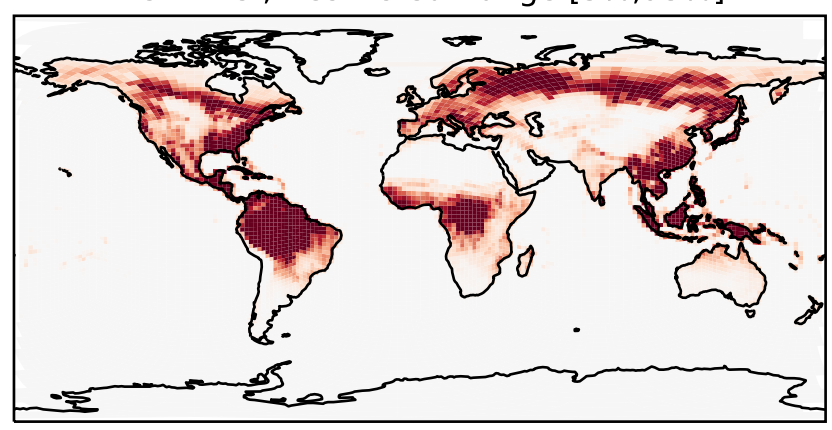
Difference
Dev - Ref, Dynamic Range

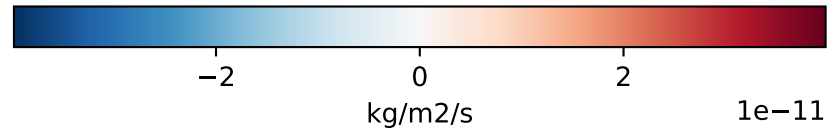




−1 0 1
kg/m2/s
1e−10

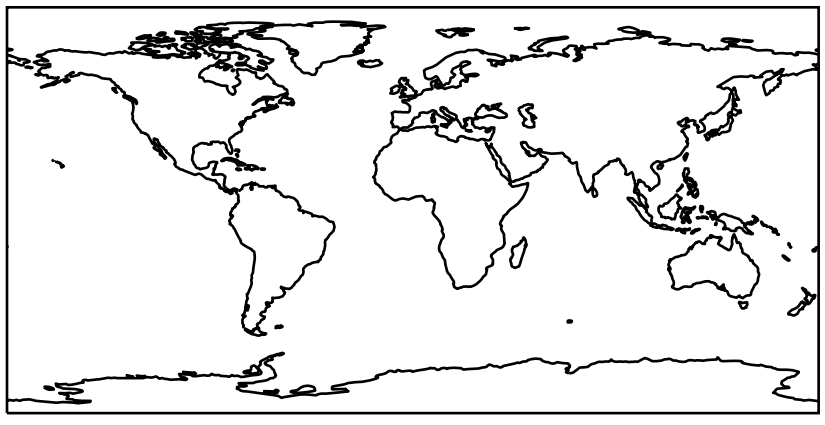
Difference
Dev - Ref, Restricted Range [5%,95%]





−2 0 2
kg/m2/s
1e−11

Fractional Difference
(Dev-Ref)/Ref, Dynamic Range



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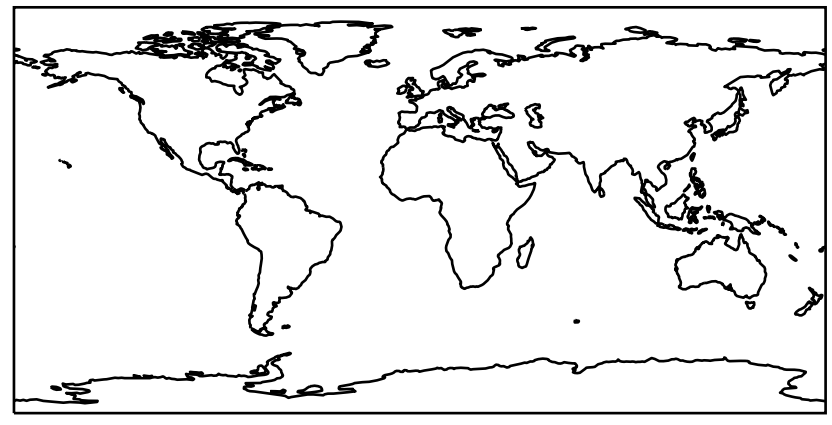
unitless

Fractional Difference
(Dev-Ref)/Ref, Fixed Range



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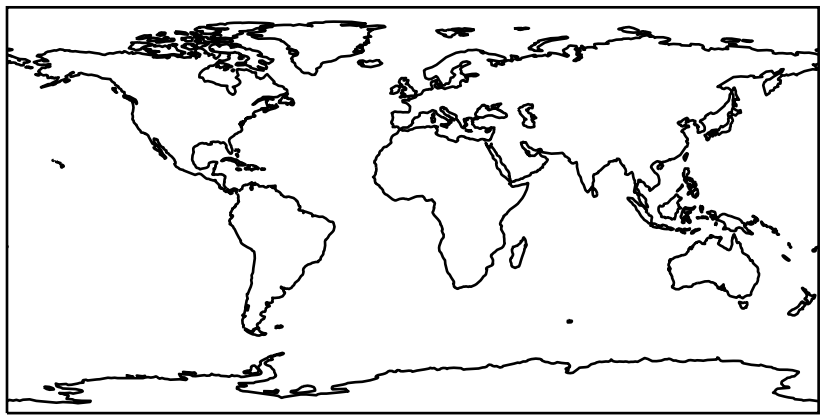
unitless

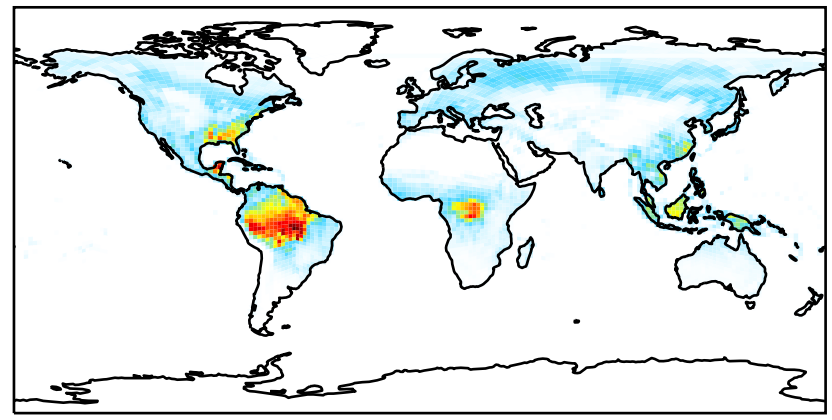
EmisMTPO_Biogenic

GCHP_12.4.0 (Ref)
c48



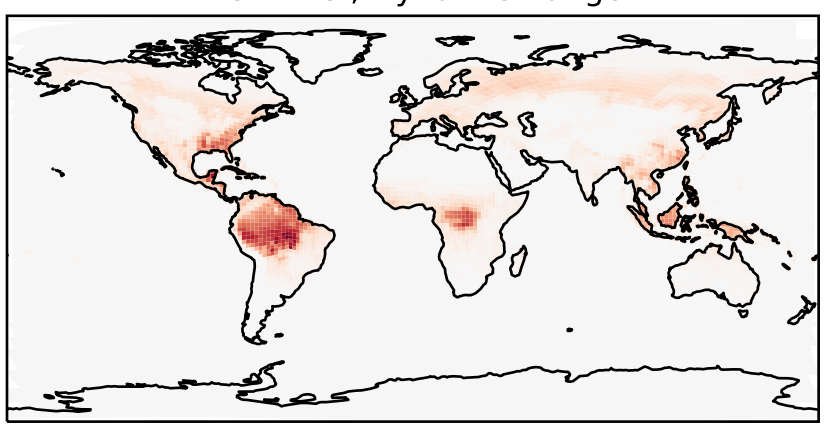
Zero throughout domain
kg/m2/s

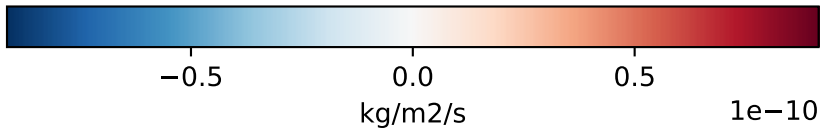
GCHP_12.5.0 (Dev)
c48



0.00 0.25 0.50 0.75
kg/m2/s
1e−10

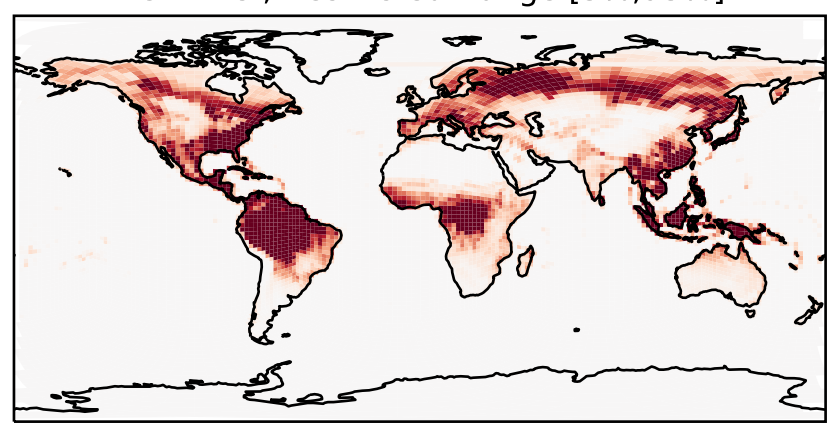
Difference
Dev - Ref, Dynamic Range

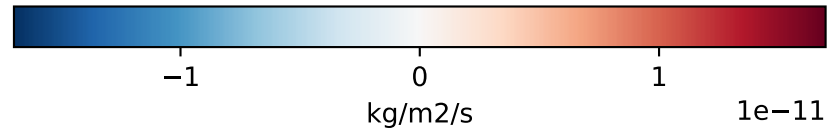




−0.5 0.0 0.5
kg/m2/s
1e−10

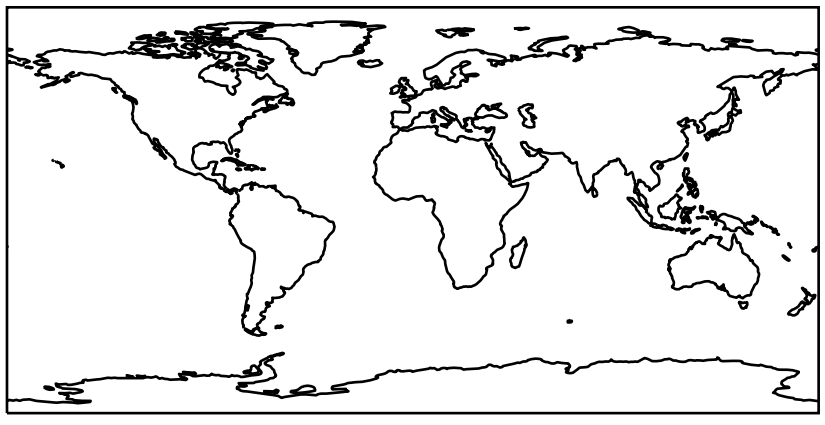
Difference
Dev - Ref, Restricted Range [5%,95%]





−1 0 1
kg/m2/s
1e−11

Fractional Difference
(Dev-Ref)/Ref, Dynamic Range



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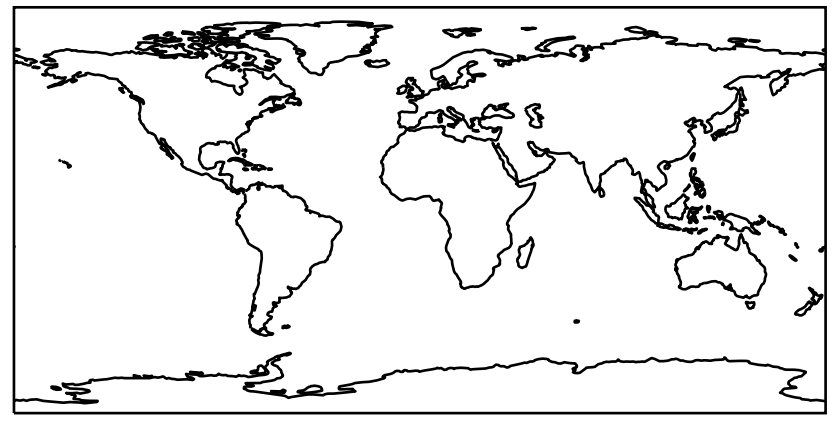
unitless

Fractional Difference
(Dev-Ref)/Ref, Fixed Range



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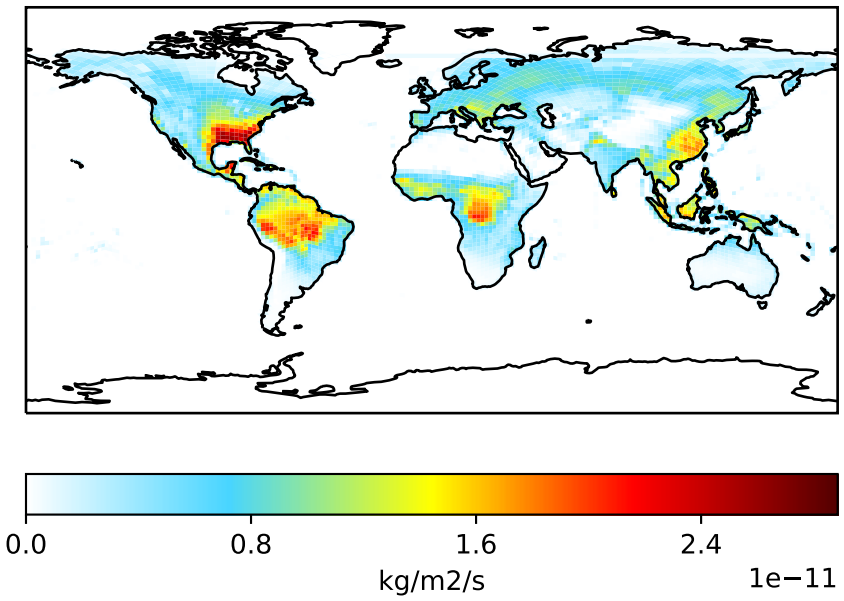
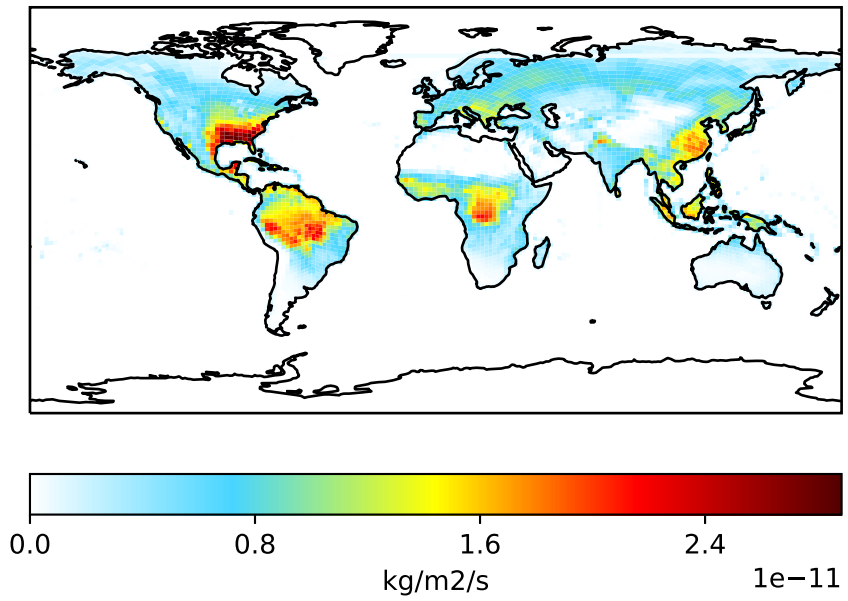
EmisPRPE_Biogenic

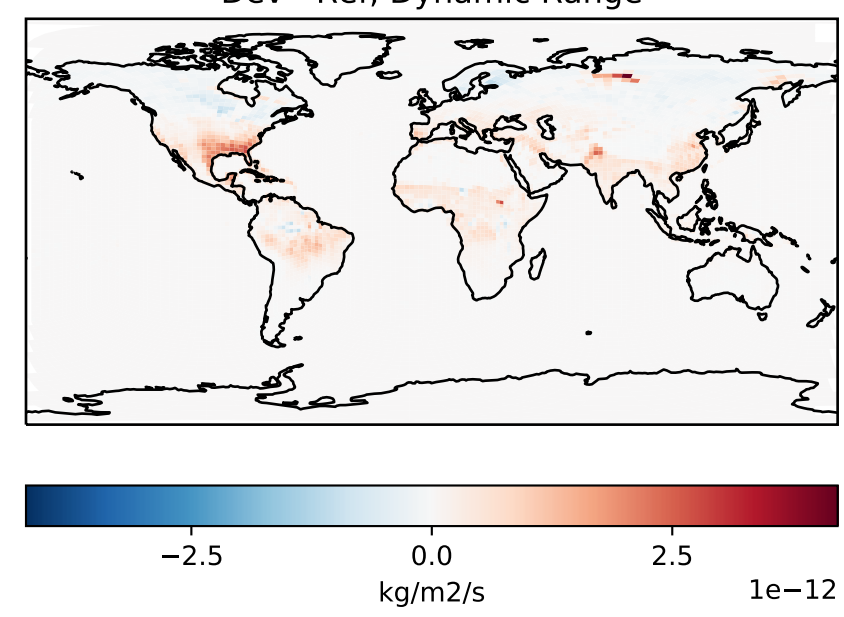
GCHP_12.4.0 (Ref)
c48



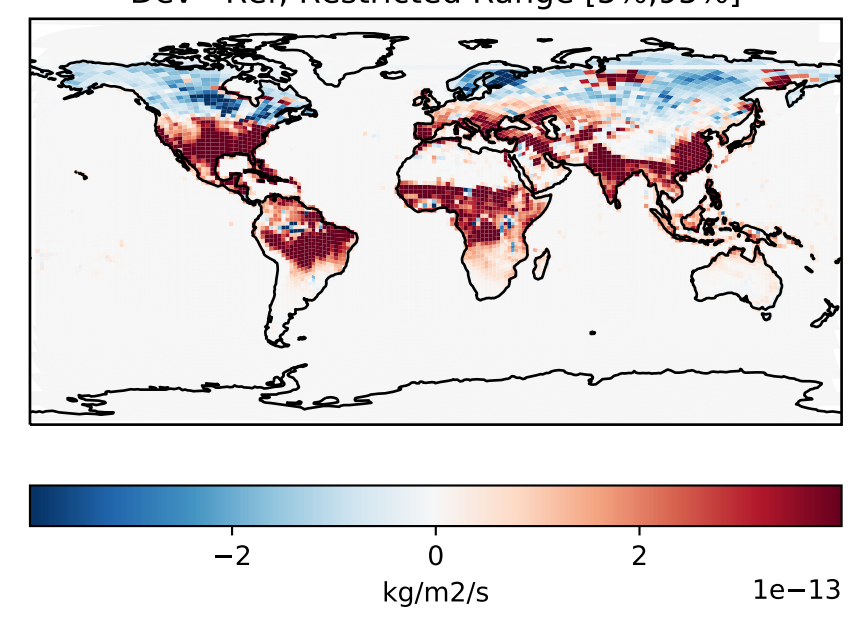
GCHP_12.5.0 (Dev)
c48



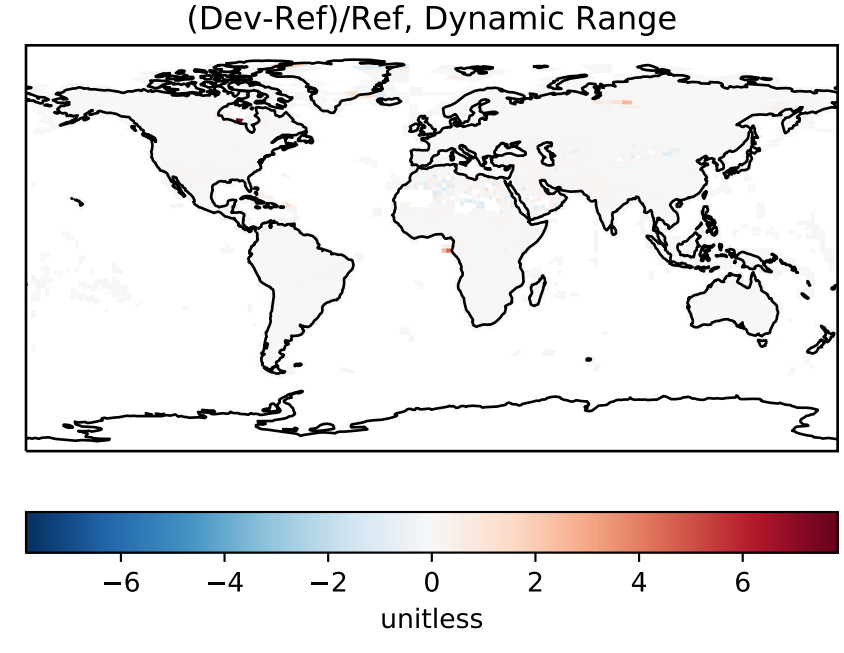
Difference
Dev - Ref, Dynamic Range



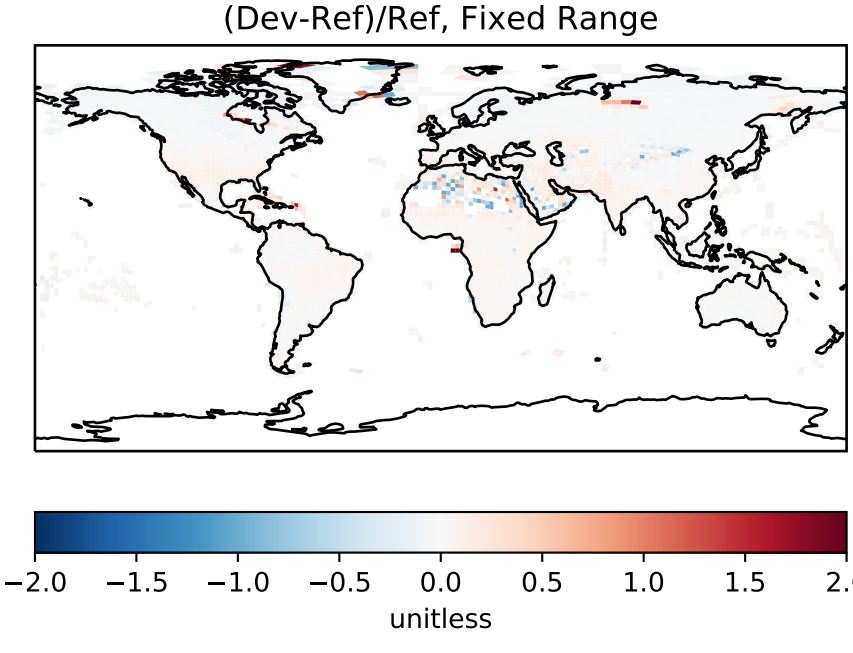
Difference
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference
(Dev-Ref)/Ref, Dynamic Range

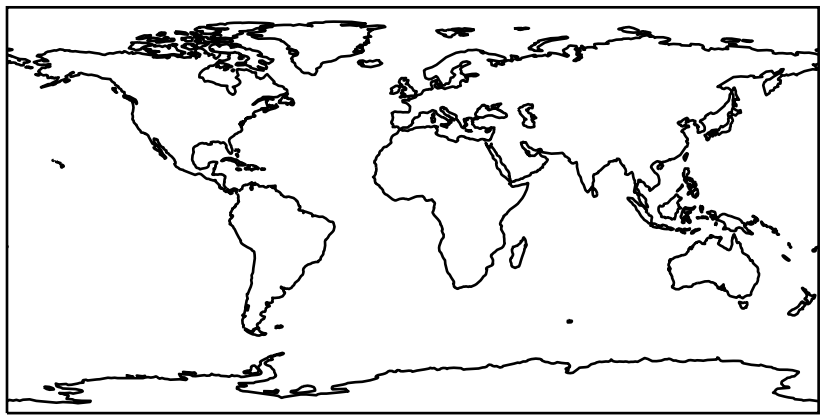


Fractional Difference
(Dev-Ref)/Ref, Fixed Range



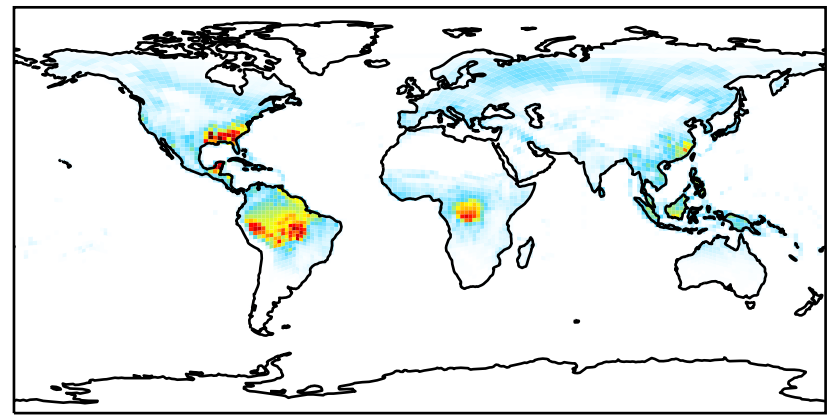
EmisSESQ_Biogenic

GCHP_12.4.0 (Ref)
c48



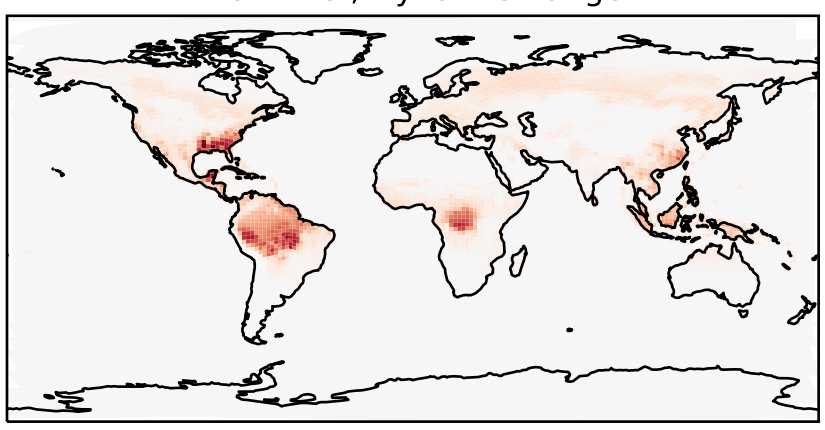
Zero throughout domain
kg/m2/s

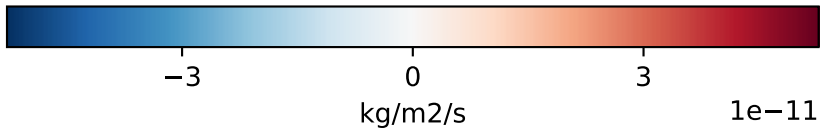
GCHP_12.5.0 (Dev)
c48



0.0 1.5 3.0 4.5
kg/m2/s
1e−11

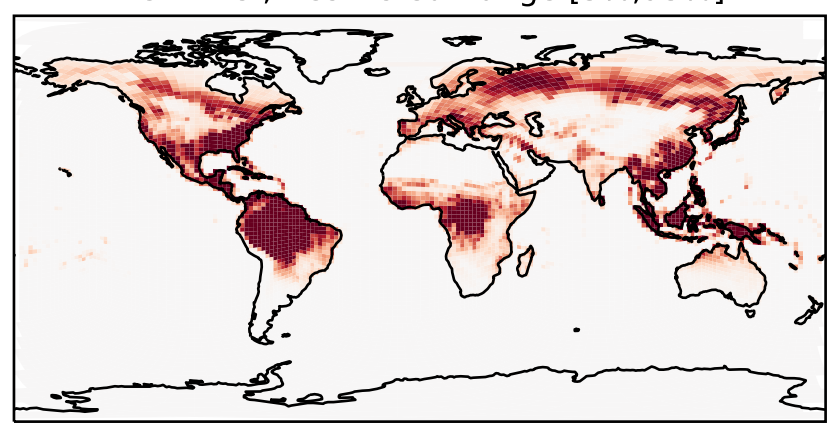
Difference
Dev - Ref, Dynamic Range

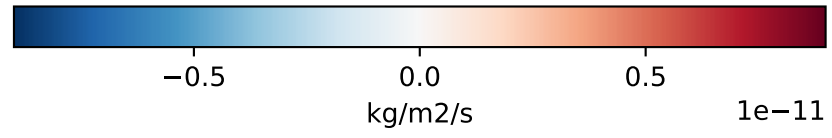




−3 0 3
kg/m2/s
1e−11

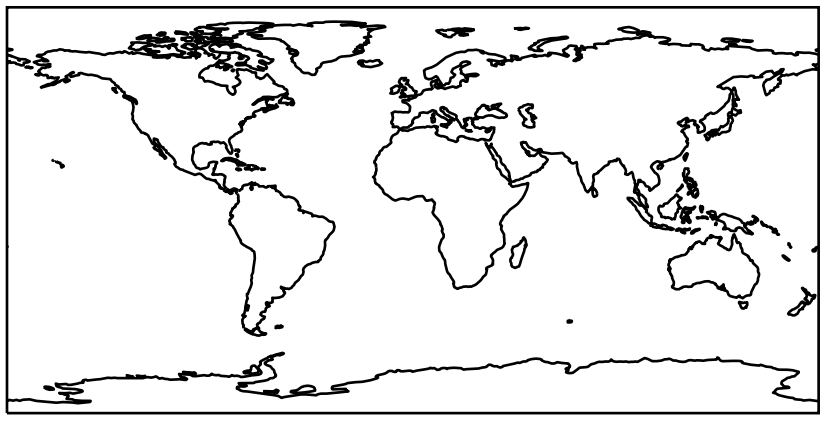
Difference
Dev - Ref, Restricted Range [5%,95%]





−0.5 0.0 0.5
kg/m2/s
1e−11

Fractional Difference
(Dev-Ref)/Ref, Dynamic Range



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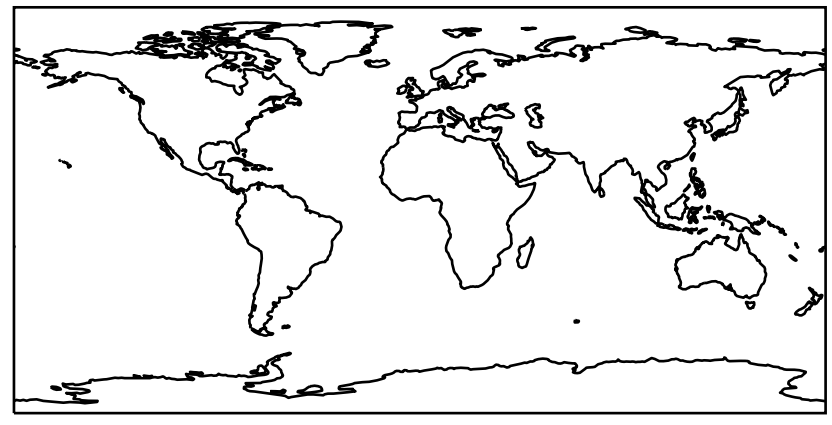
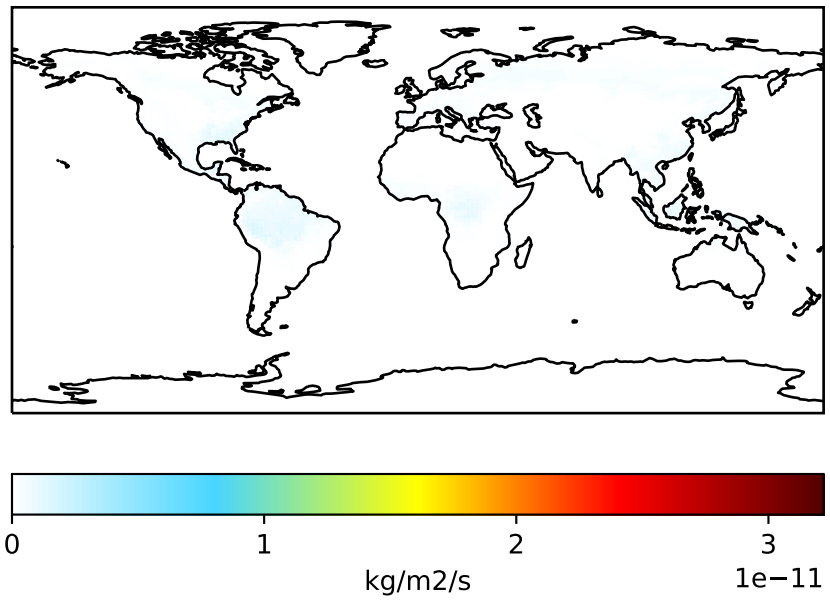
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



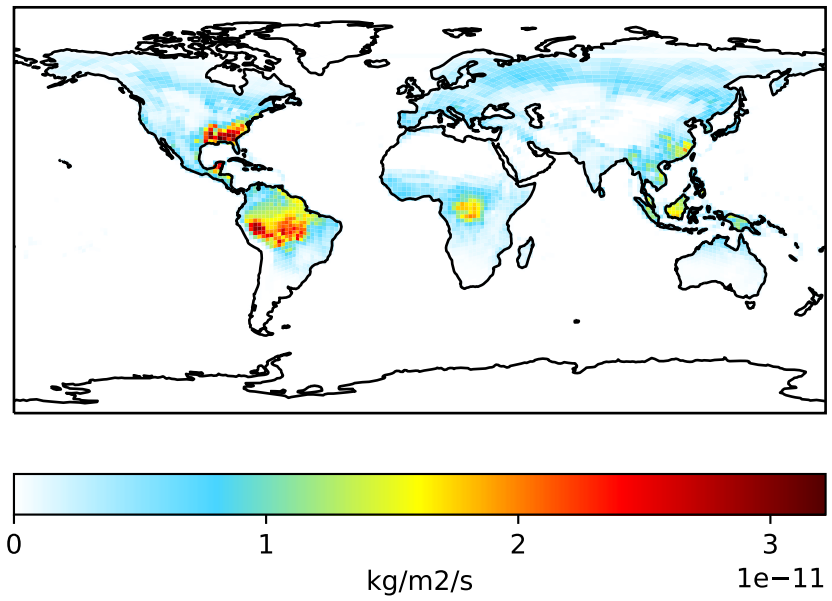
Undefined throughout domain
unitless

EmisSOAP_Biogenic

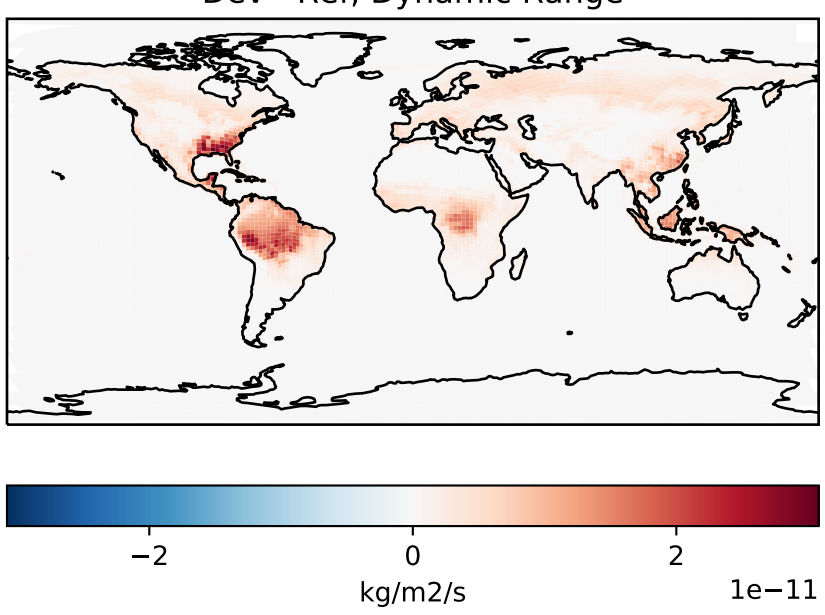
GCHP_12.4.0 (Ref)
c48



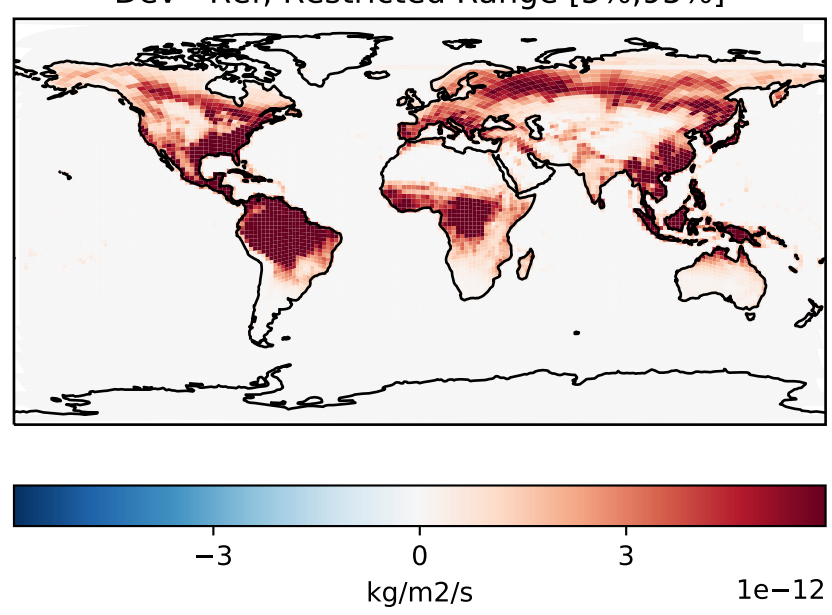
GCHP_12.5.0 (Dev)
c48



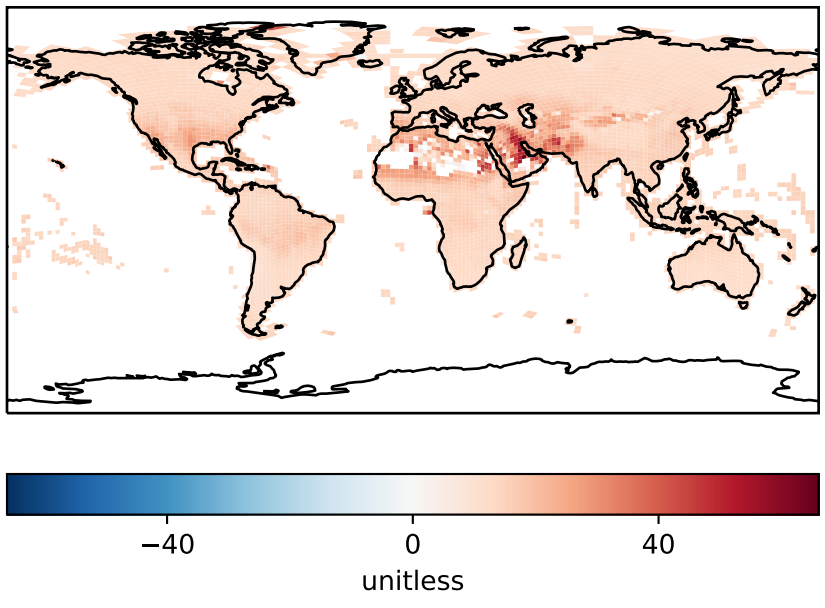
Difference
Dev - Ref, Dynamic Range



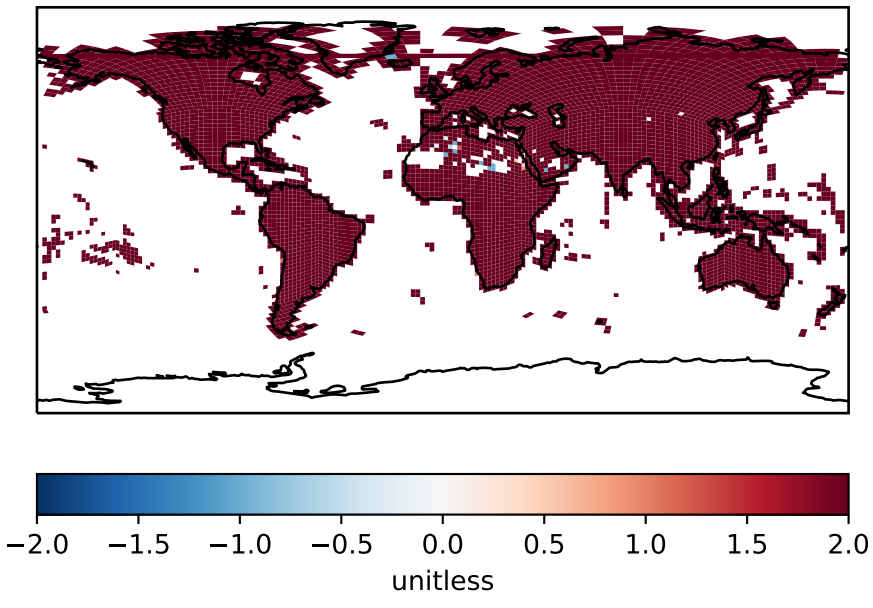
Difference
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference
(Dev-Ref)/Ref, Dynamic Range

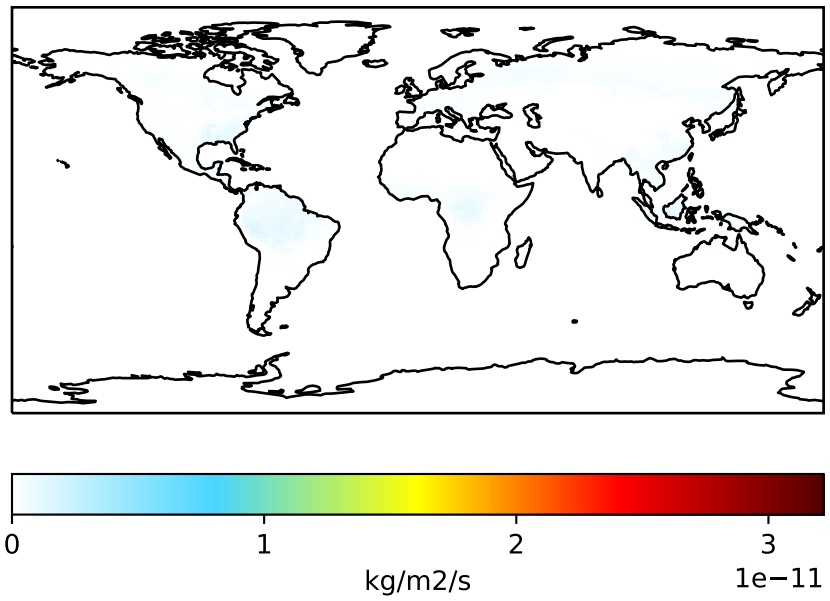


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

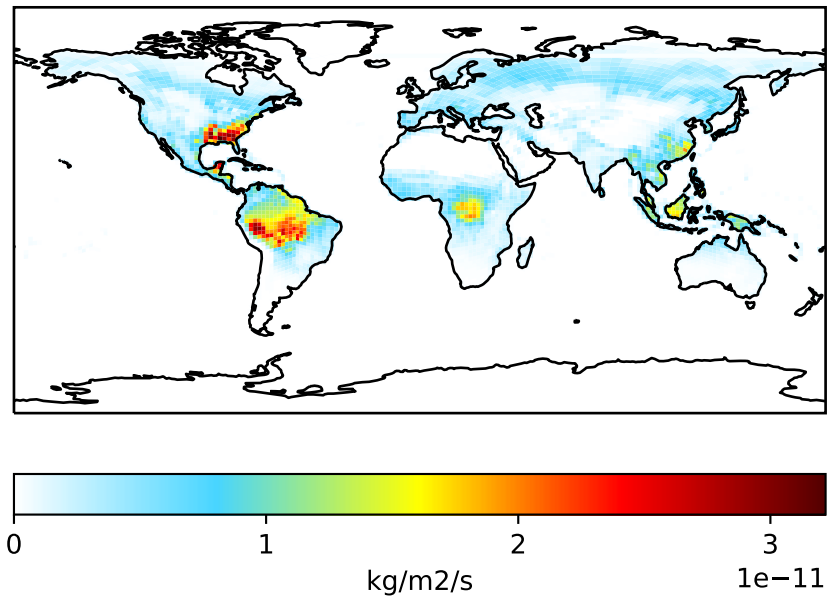


EmisSOAS_Biogenic

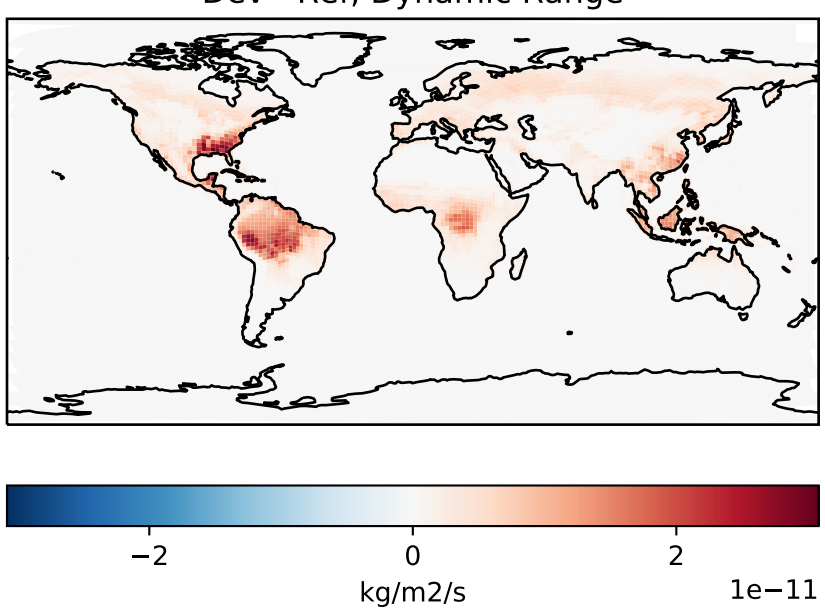
GCHP_12.4.0 (Ref)
c48



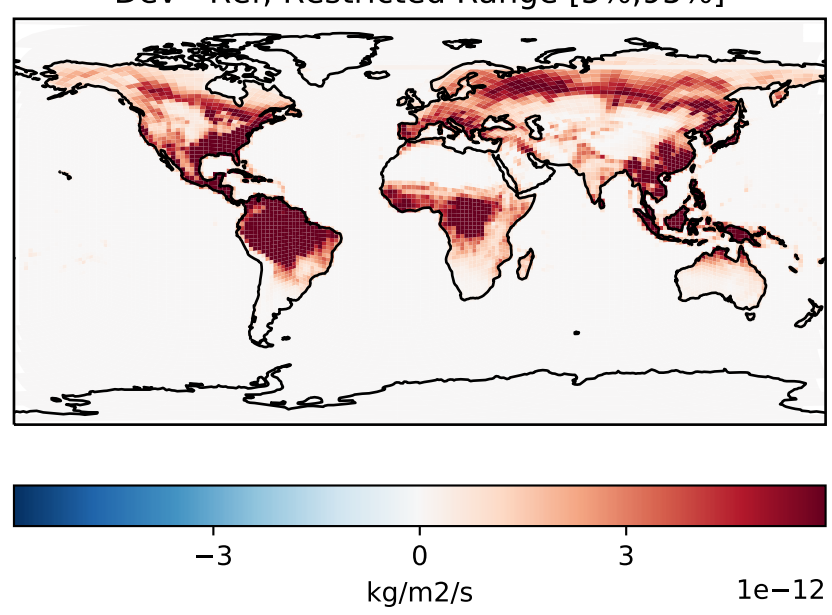
GCHP_12.5.0 (Dev)
c48



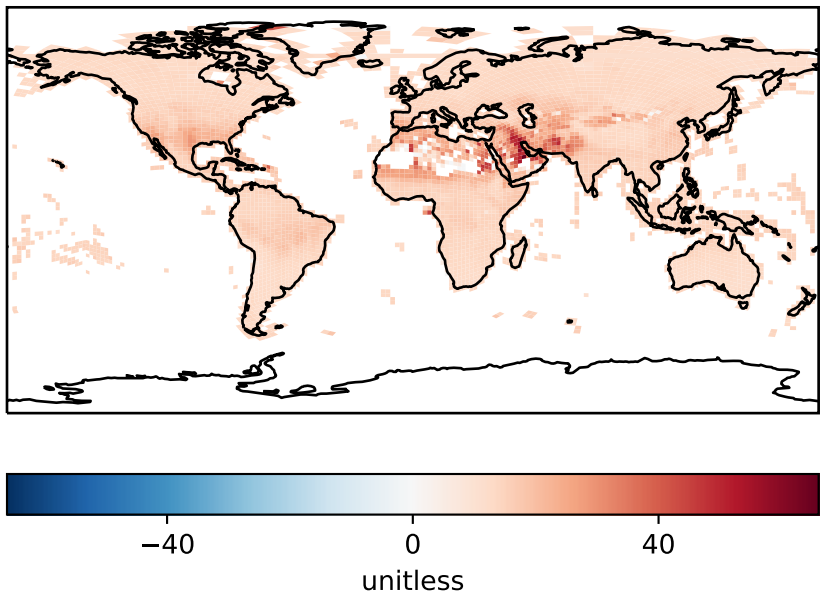
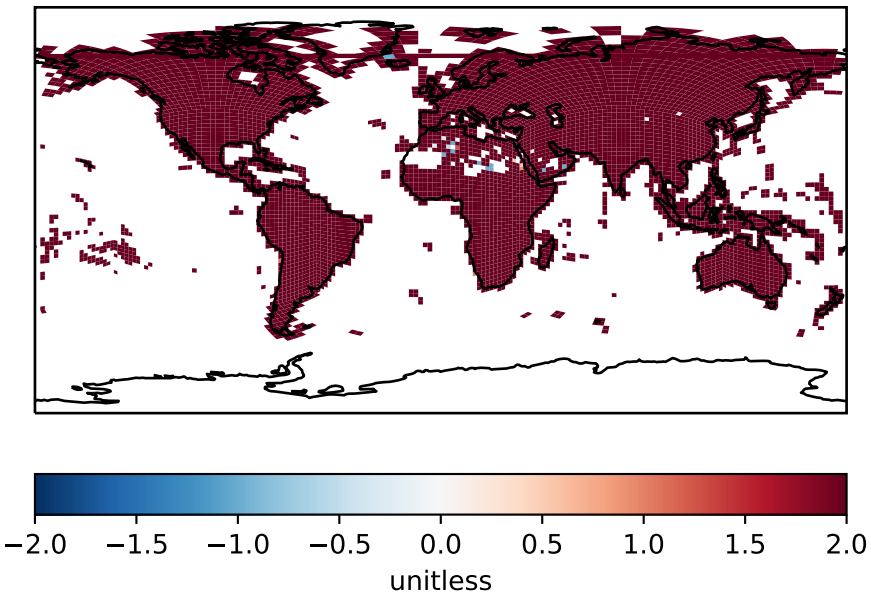
Difference
Dev - Ref, Dynamic Range



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



Fractional Difference
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference
(Dev-Ref)/Ref, Fixed Range