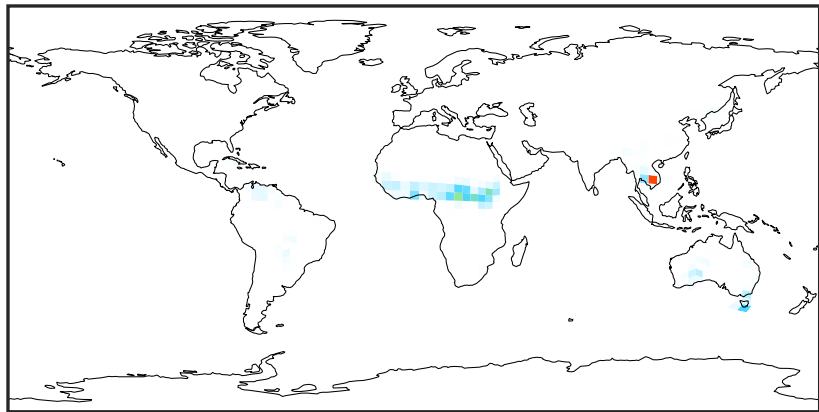


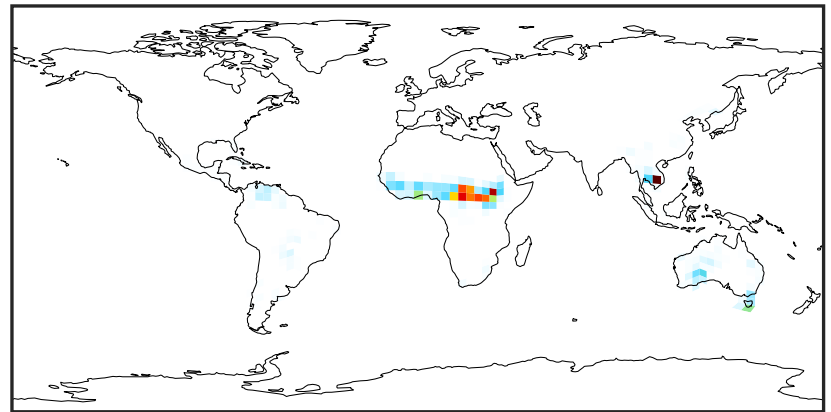
EmisACET_BioBurn (Jan2019)

GCHP_14.0.0 (Ref)
c24



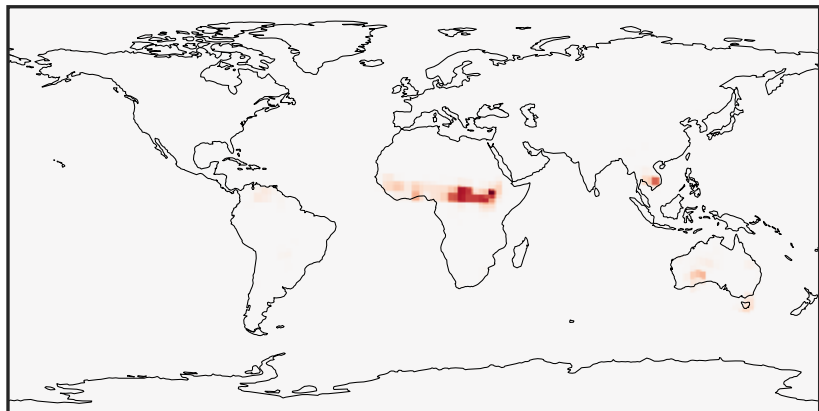
0.0 0.6 1.2 1.8 10^{-11} kg/m²/s

GCHP_14.2.0 (Dev)
c24



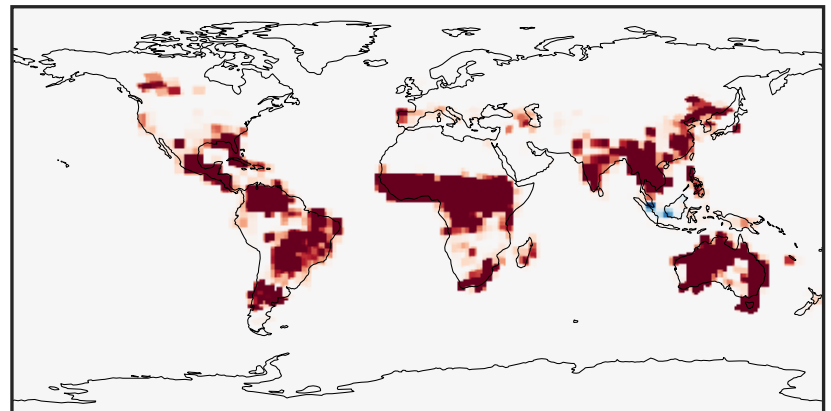
0.0 0.6 1.2 1.8 10^{-11} kg/m²/s

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



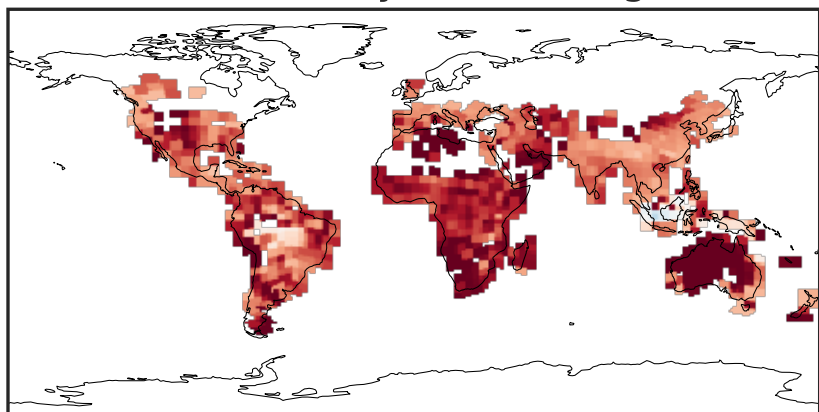
-8 0 8 10^{-12} kg/m²/s

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



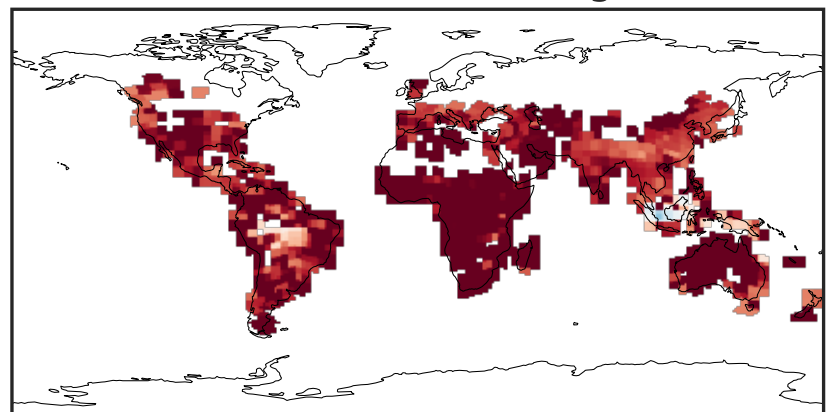
-1 0 1 10^{-14} kg/m²/s

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



0.340 0.670 1.000 1.969 2.938 unitless

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



0.50 0.75 1.00 1.50 2.00 unitless

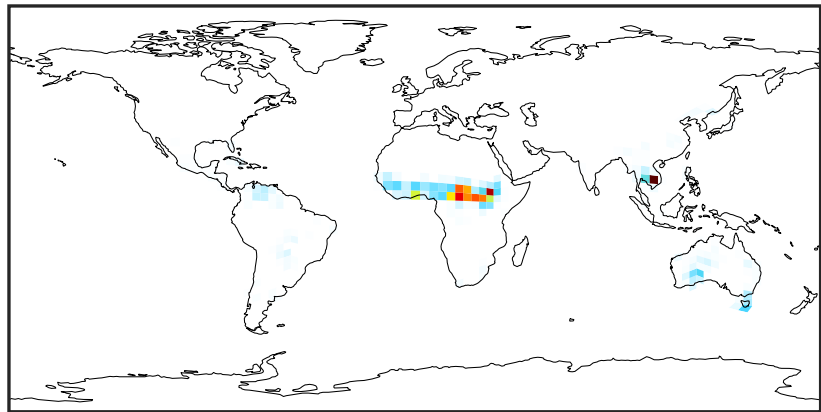
EmisACTA_BioBurn (Jan2019)

GCHP_14.0.0 (Ref)
c24



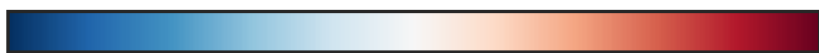
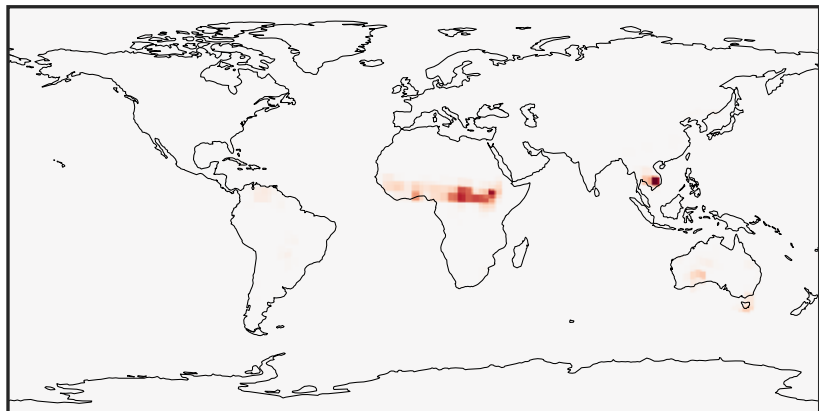
Zero throughout domain
kg/m²/s

GCHP_14.2.0 (Dev)
c24



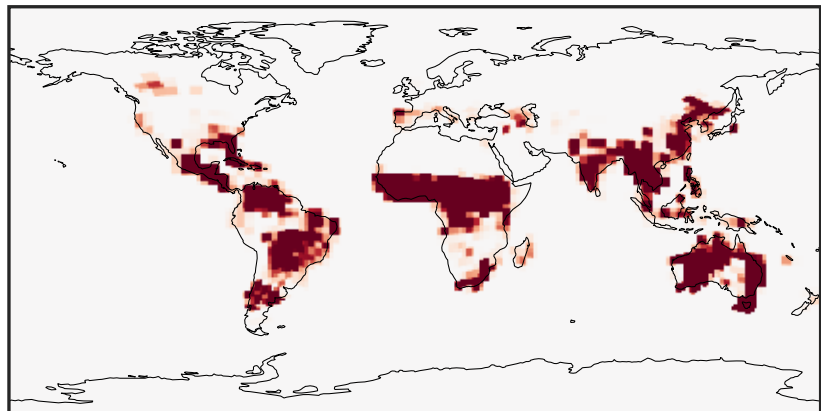
0 3 6 9
kg/m²/s 1e-11

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



-6 0 6
kg/m²/s 1e-11

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



-1.5 0.0 1.5
kg/m²/s 1e-13

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



Undefined throughout domain
unitless

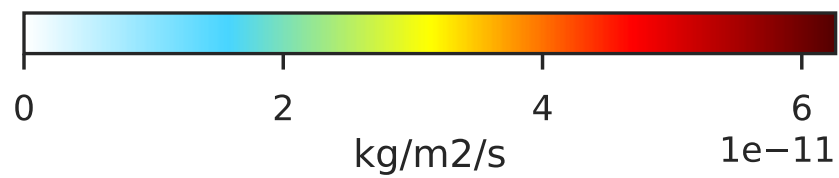
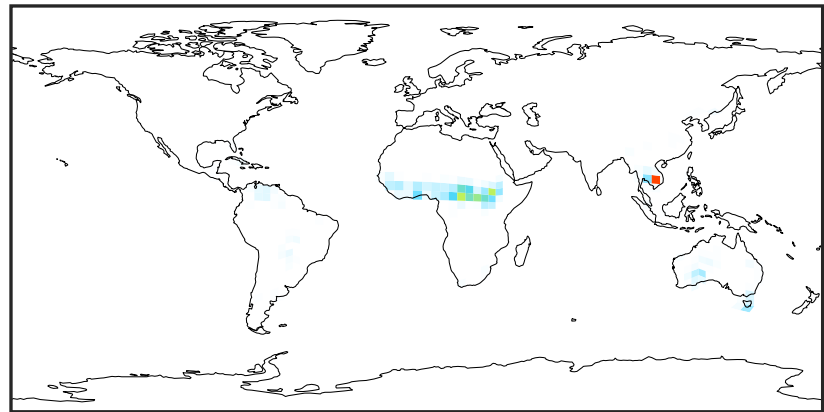
Ratio (1x1.25)
Dev/Ref, Fixed Range



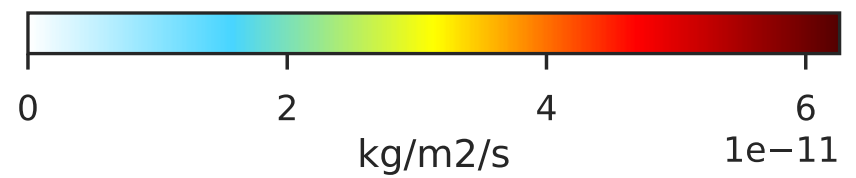
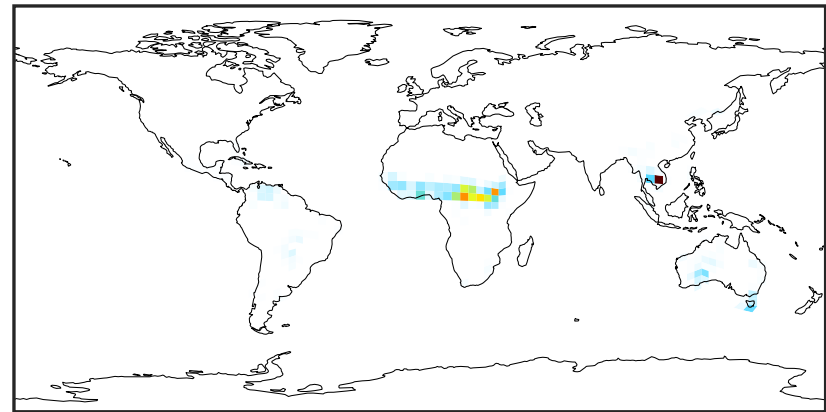
Undefined throughout domain
unitless

EmisALD2_BioBurn (Jan2019)

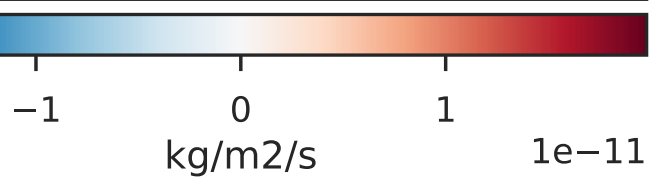
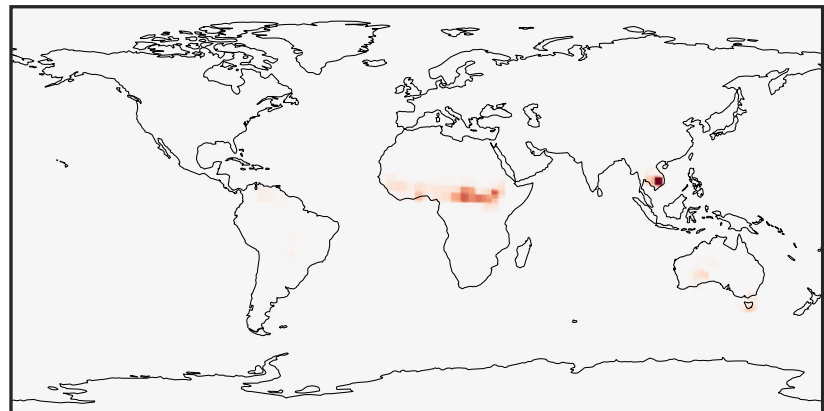
GCHP_14.0.0 (Ref)
c24



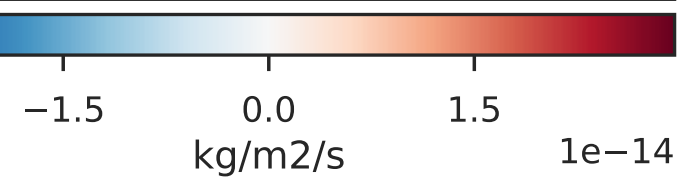
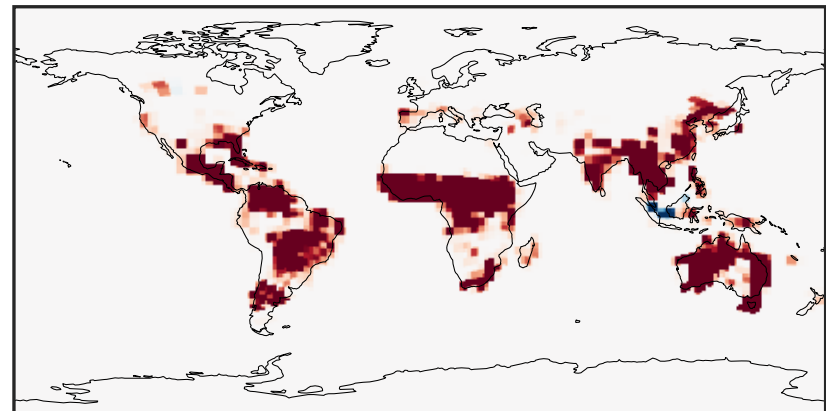
GCHP_14.2.0 (Dev)
c24



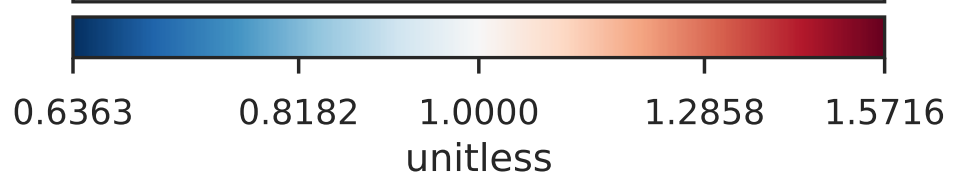
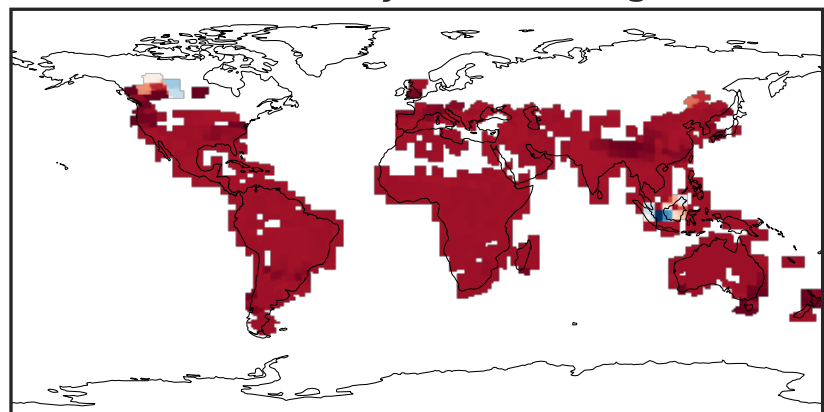
Difference (1x1.25)
Dev - Ref, Dynamic Range



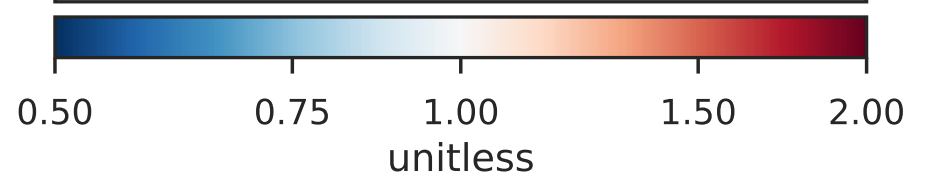
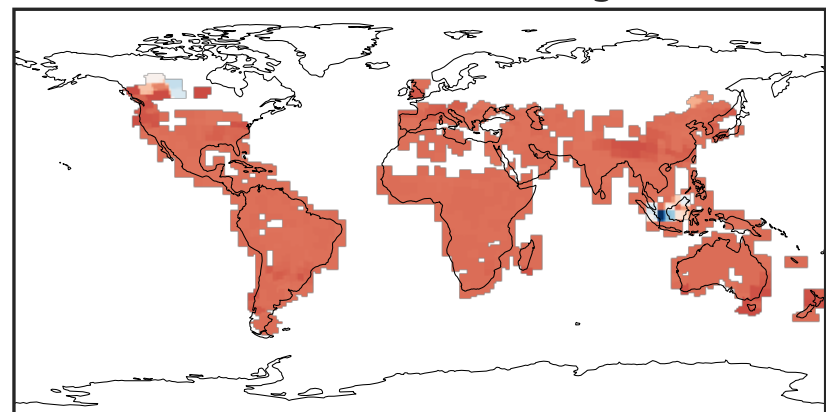
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

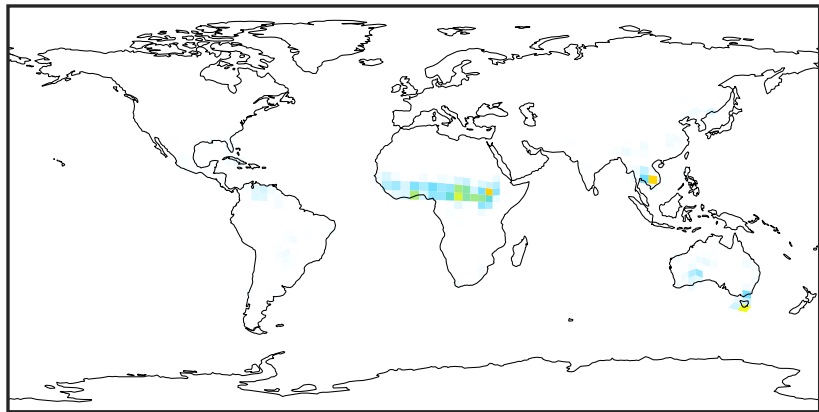


Ratio (1x1.25)
Dev/Ref, Fixed Range



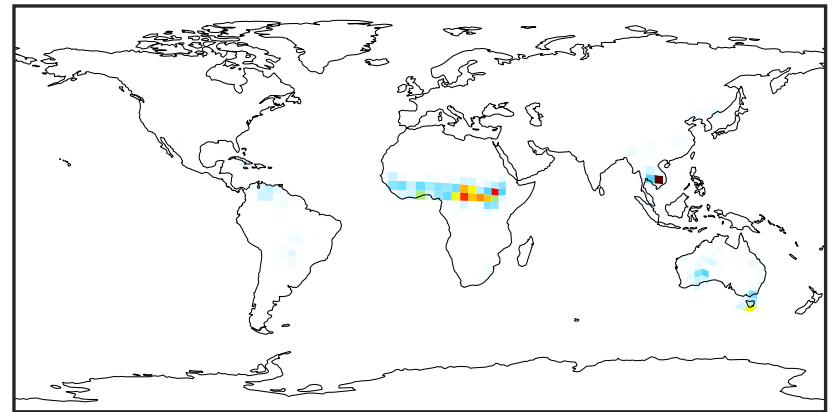
EmisALK4_BioBurn (Jan2019)

GCHP_14.0.0 (Ref)
c24



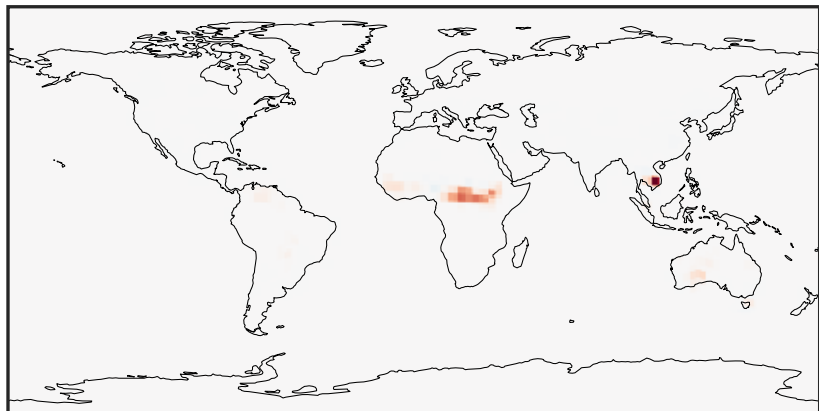
0.0 1.5 3.0 4.5
kg/m2/s $1e-12$

GCHP_14.2.0 (Dev)
c24



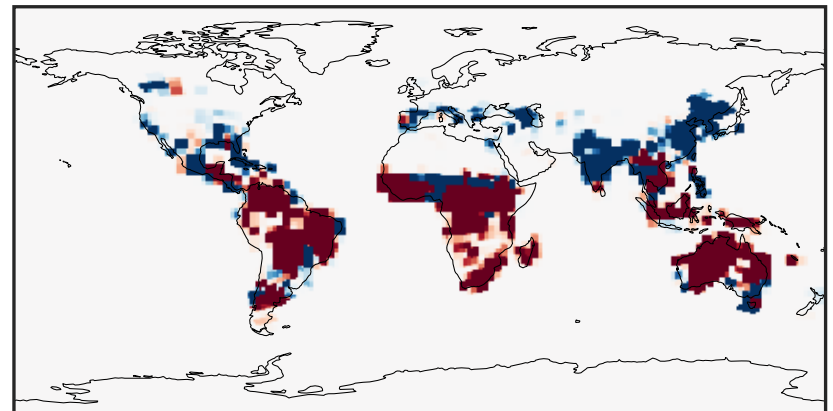
0.0 1.5 3.0 4.5
kg/m2/s $1e-12$

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



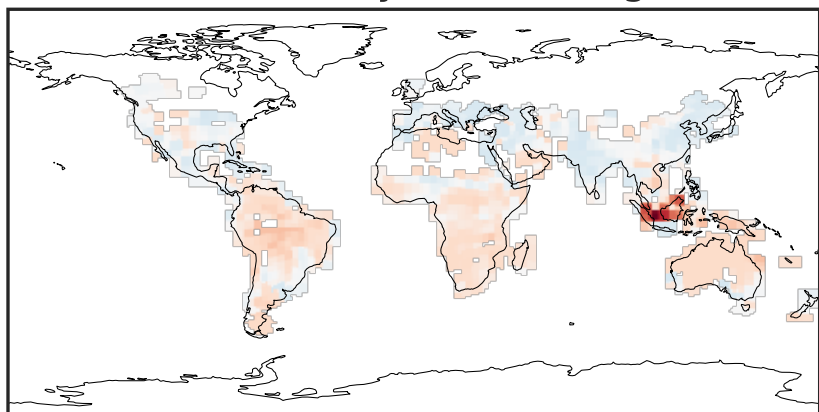
-1.5 0.0 1.5
kg/m2/s $1e-12$

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



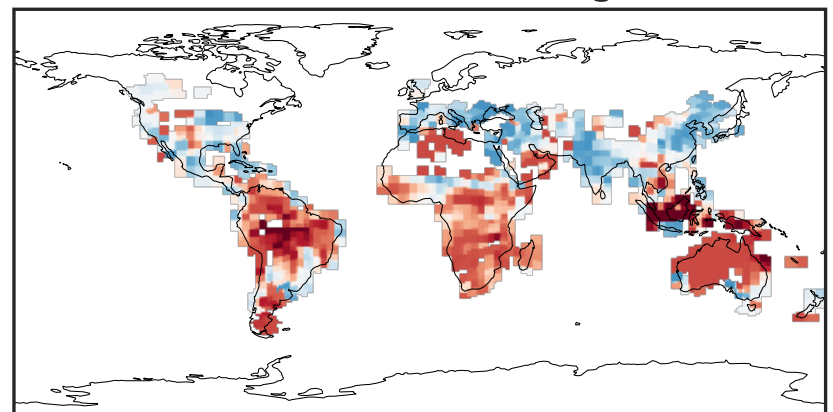
-3 0 3
kg/m2/s $1e-16$

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



$1e-01$ 1 10
unitless

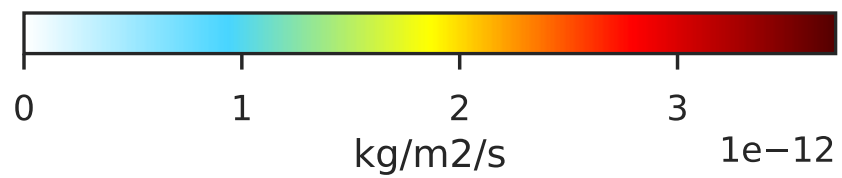
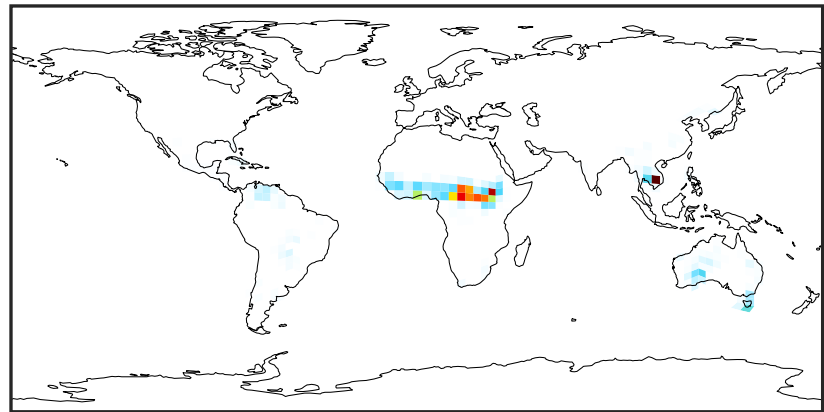
Ratio (1x1.25)
Dev/Ref, Fixed Range



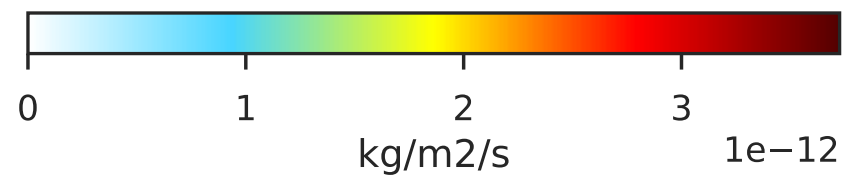
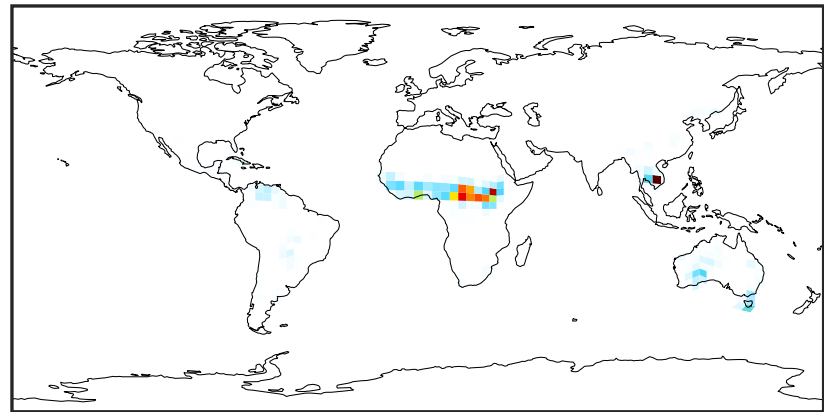
0.50 0.75 1.00 1.50 2.00
unitless

EmisBCPI_BioBurn (Jan2019)

GCHP_14.0.0 (Ref)
c24



GCHP_14.2.0 (Dev)
c24

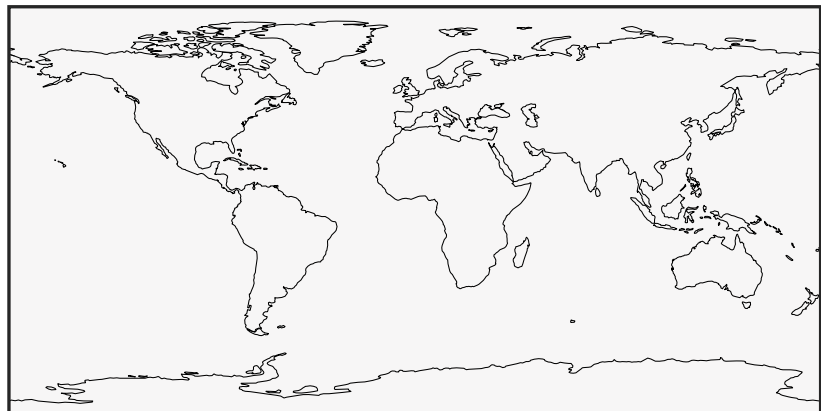


Difference (1x1.25)
Dev - Ref, Dynamic Range



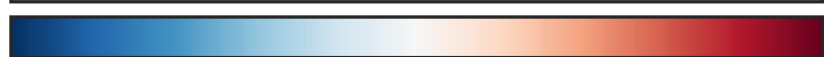
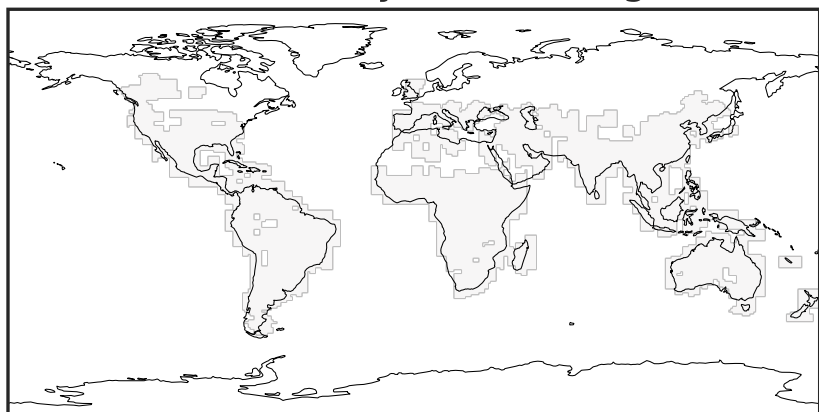
Zero throughout domain
kg/m²/s

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



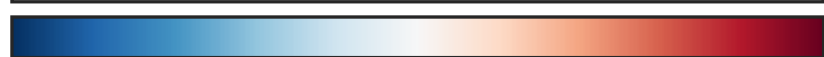
Zero throughout domain
kg/m²/s

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



Ref and Dev equal throughout domain
unitless

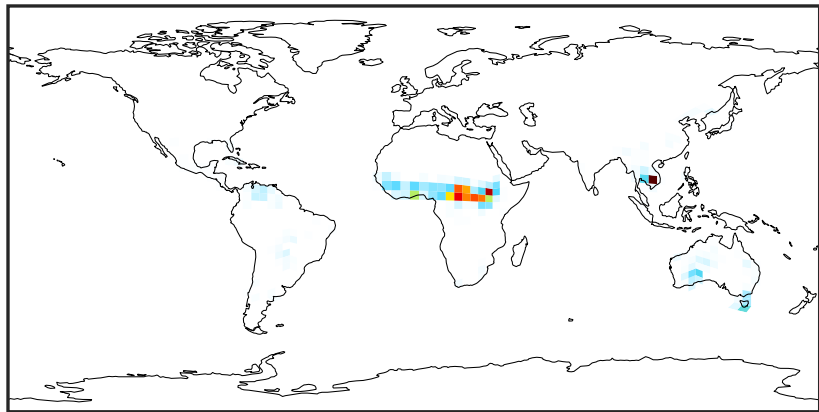
Ratio (1x1.25)
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless

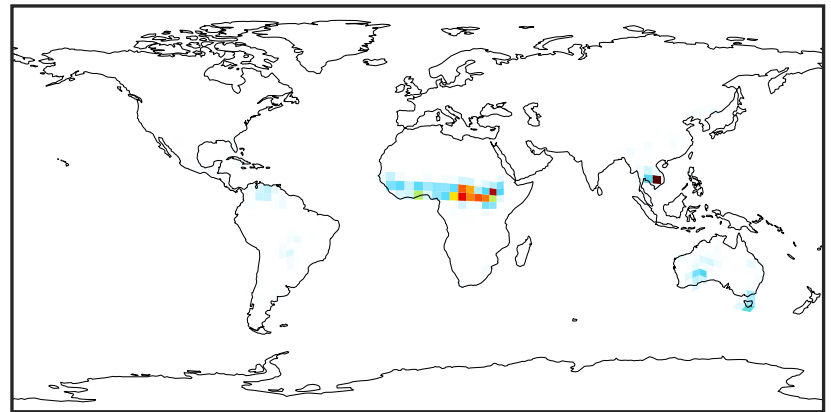
EmisBCPO_BioBurn (Jan2019)

GCHP_14.0.0 (Ref)
c24



0.0 0.4 0.8 1.2 $1e-11$
kg/m2/s

GCHP_14.2.0 (Dev)
c24



0.0 0.4 0.8 1.2 $1e-11$
kg/m2/s

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



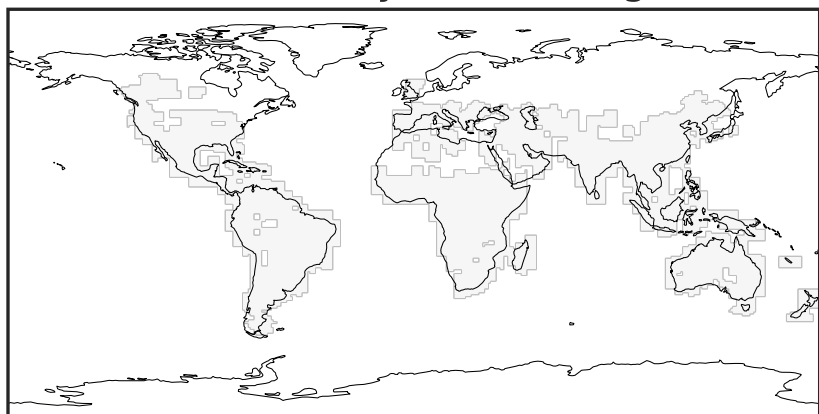
Zero throughout domain
kg/m2/s

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



Zero throughout domain
kg/m2/s

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



Ref and Dev equal throughout domain
unitless

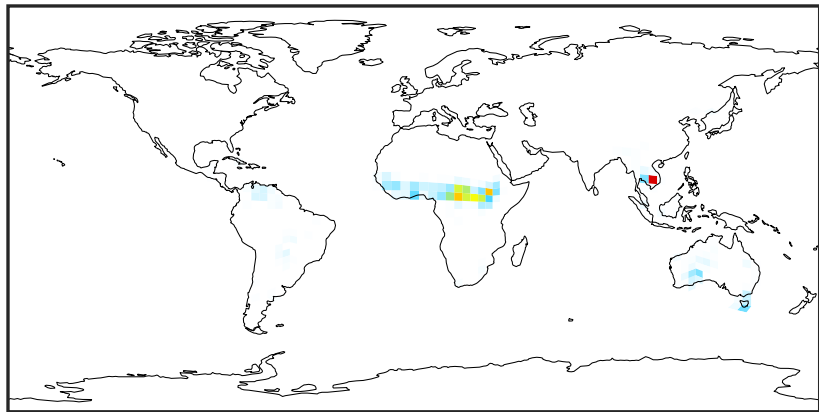
Ratio (1x1.25)
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless

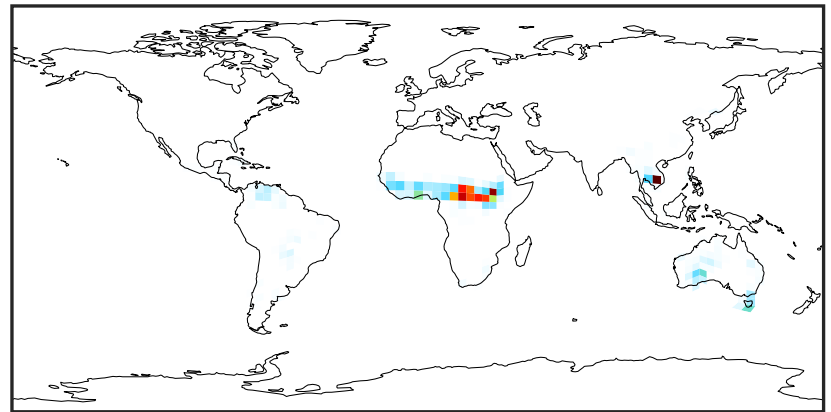
EmisBENZ_BioBurn (Jan2019)

GCHP_14.0.0 (Ref)
c24



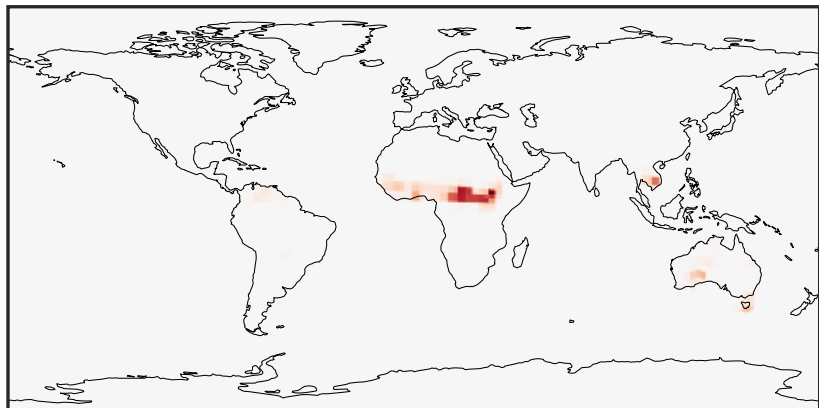
0.0 0.4 0.8 1.2
kg/m²/s 1e-11

GCHP_14.2.0 (Dev)
c24



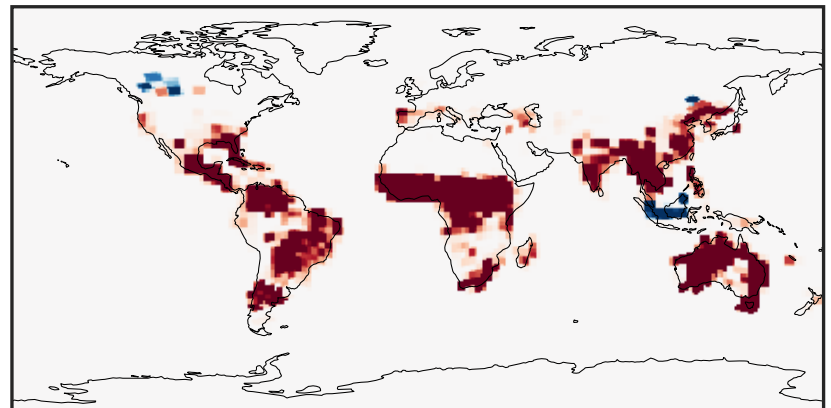
0.0 0.4 0.8 1.2
kg/m²/s 1e-11

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



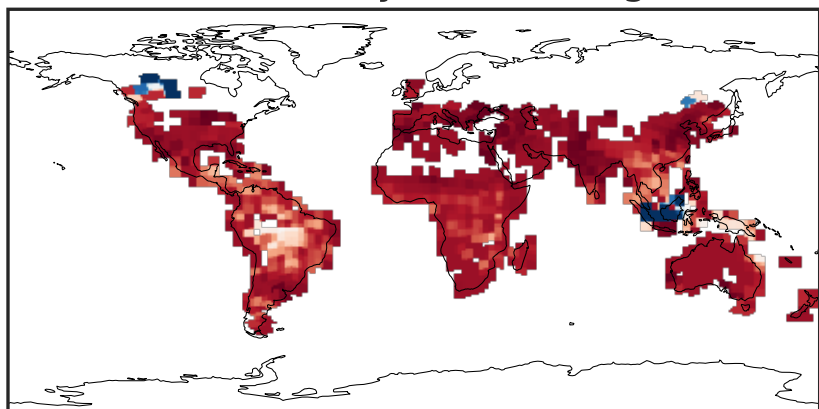
-3 0 3
kg/m²/s 1e-12

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



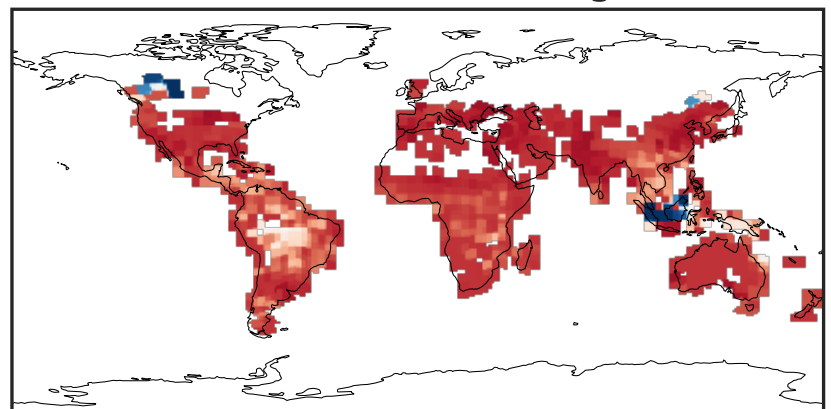
-5 0 5
kg/m²/s 1e-15

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



0.556 0.778 1.000 1.400 1.800
unitless

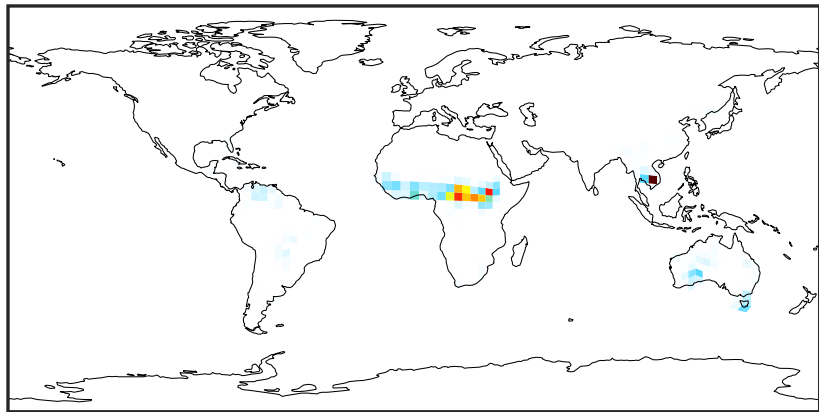
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

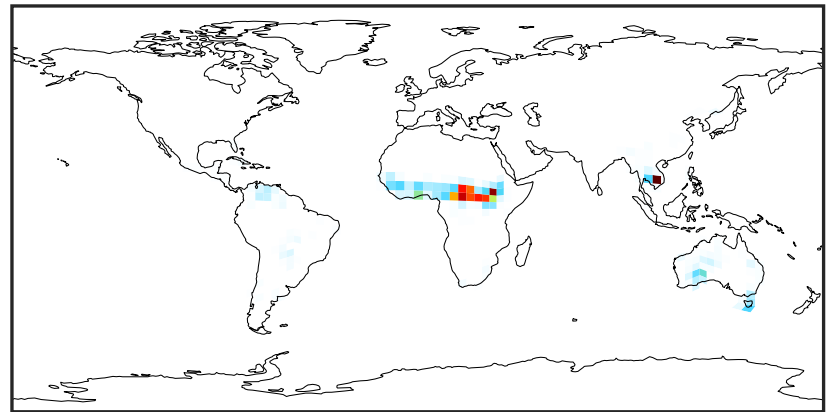
EmisC2H2_BioBurn (Jan2019)

GCHP_14.0.0 (Ref)
c24



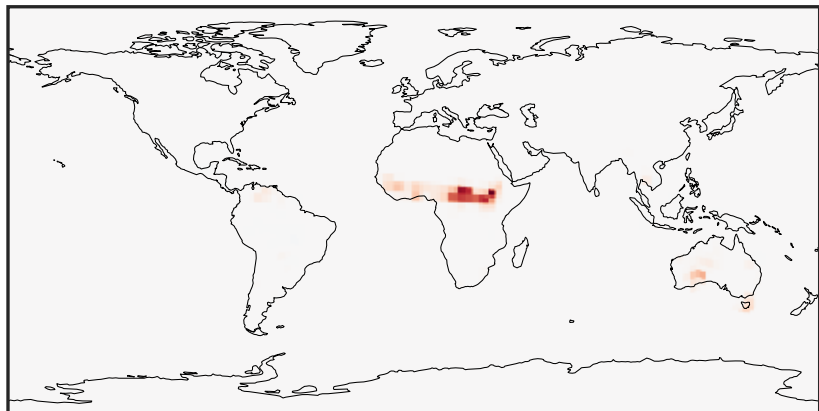
0.0 0.4 0.8 1.2
kg/m²/s 1e-11

GCHP_14.2.0 (Dev)
c24



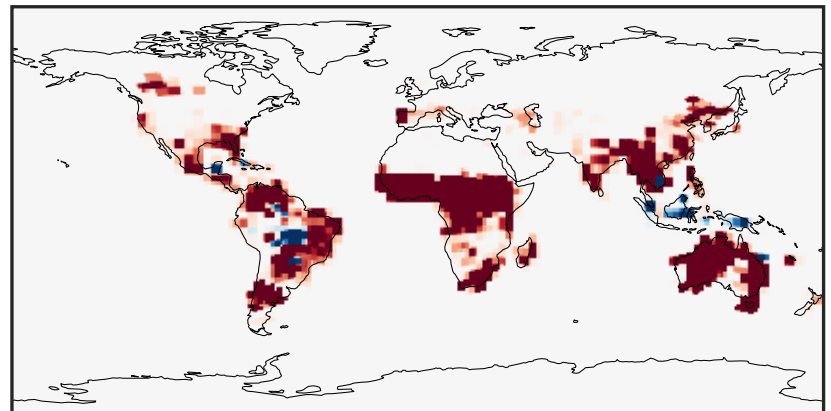
0.0 0.4 0.8 1.2
kg/m²/s 1e-11

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



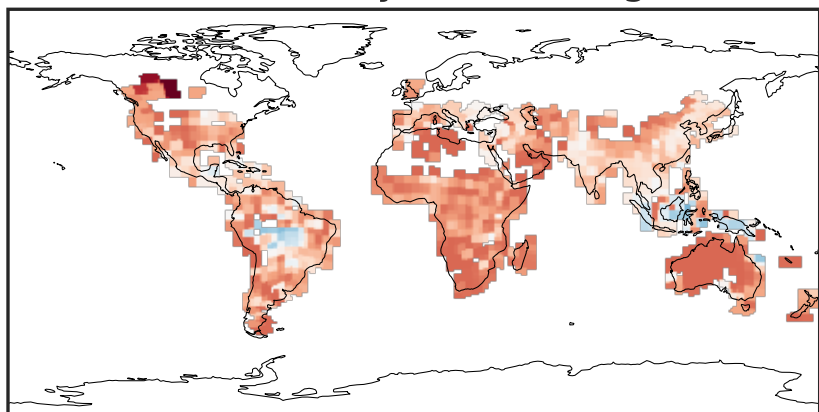
-1.5 0.0 1.5
kg/m²/s 1e-12

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



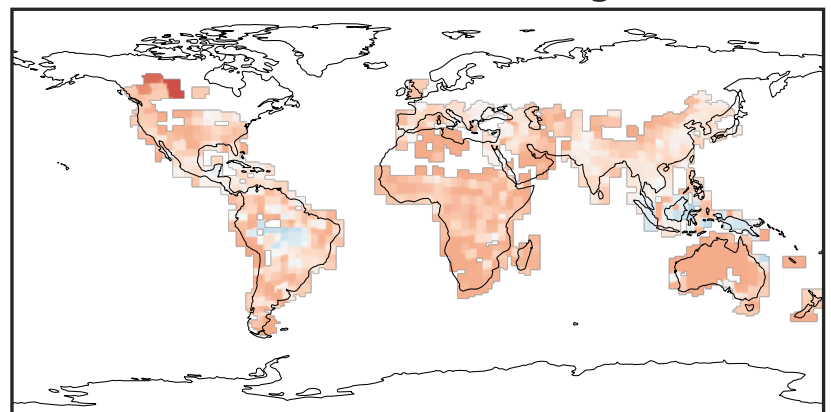
-1.5 0.0 1.5
kg/m²/s 1e-15

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



0.6393 0.8197 1.0000 1.2821 1.5641
unitless

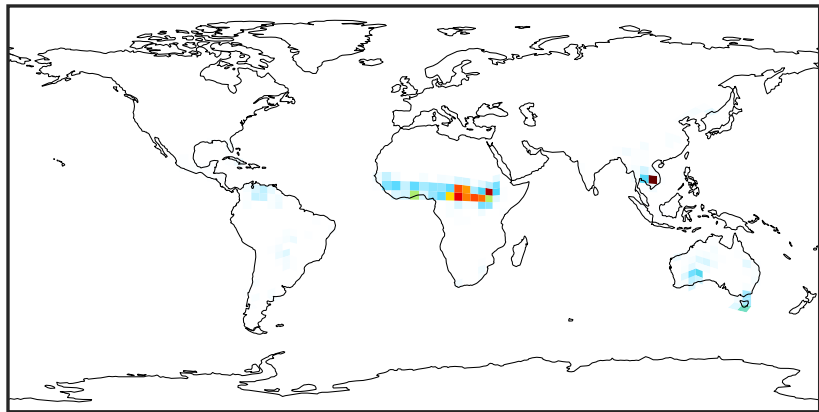
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

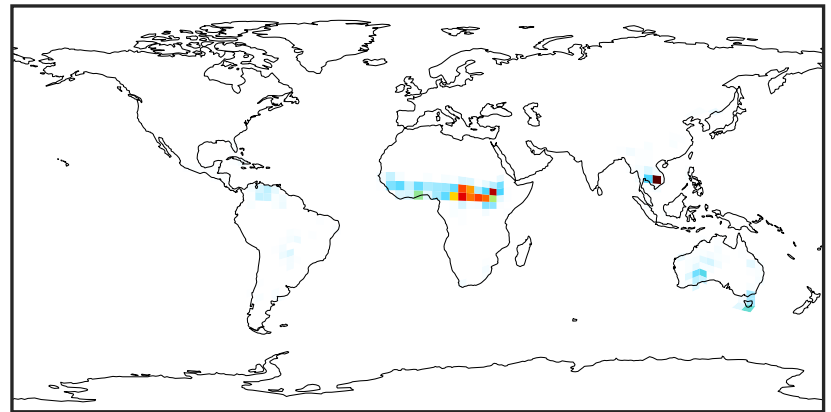
EmisC2H4_BioBurn (Jan2019)

GCHP_14.0.0 (Ref)
c24



0.0 1.5 3.0 10^{-11}
kg/m²/s

GCHP_14.2.0 (Dev)
c24



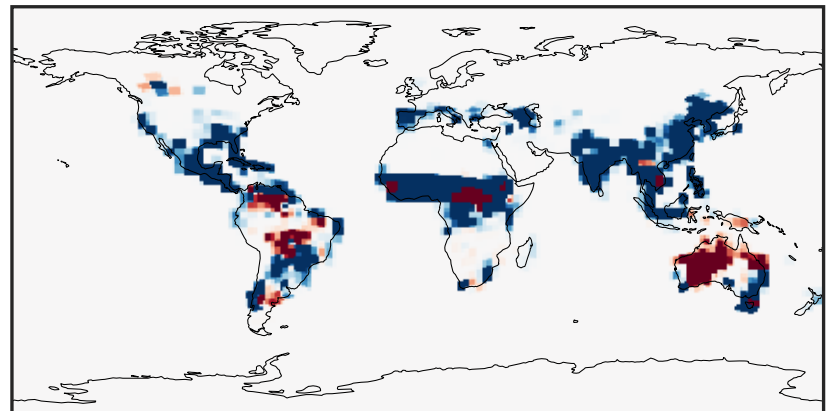
0.0 1.5 3.0 10^{-11}
kg/m²/s

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



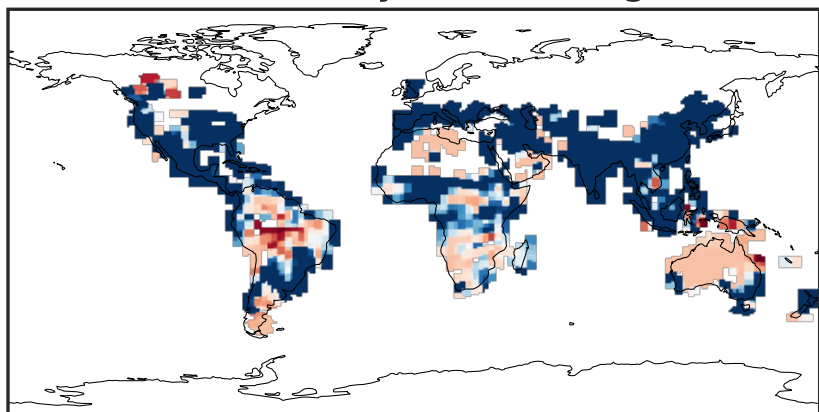
-8 0 8 10^{-13}
kg/m²/s

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



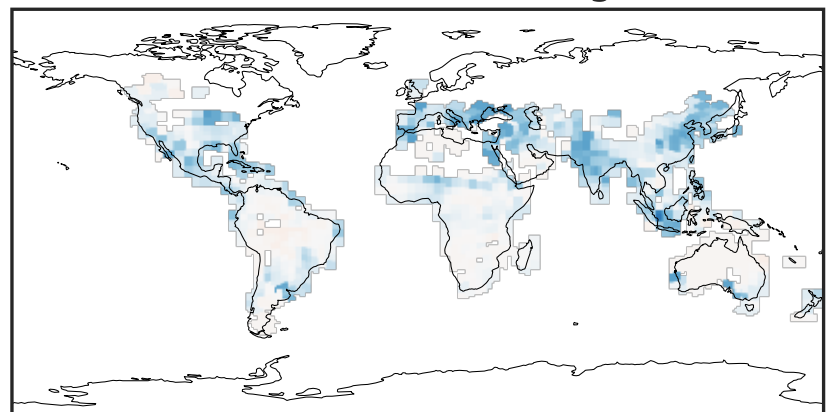
-1.5 0.0 1.5 10^{-15}
kg/m²/s

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



0.95920 0.97960 1.00000 1.02127 1.04254
unitless

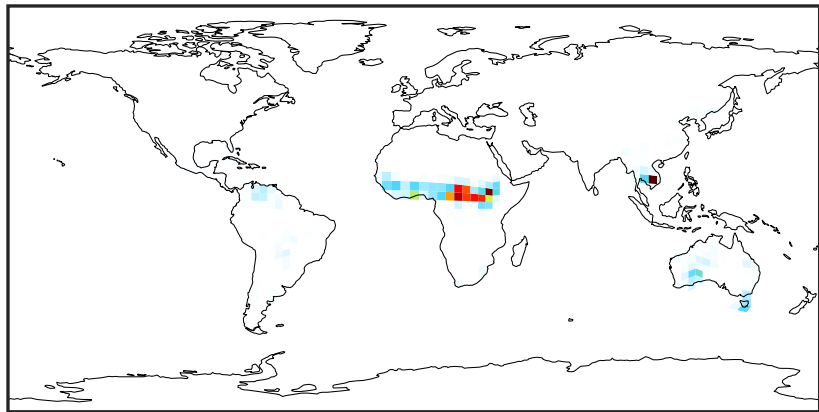
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

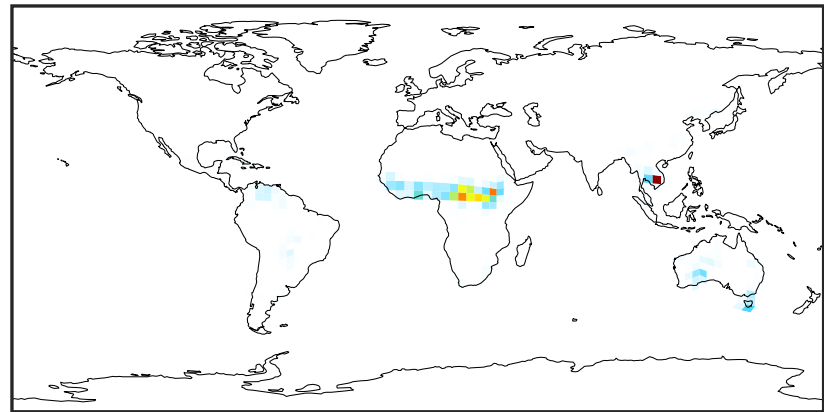
EmisC2H6_BioBurn (Jan2019)

GCHP_14.0.0 (Ref)
c24



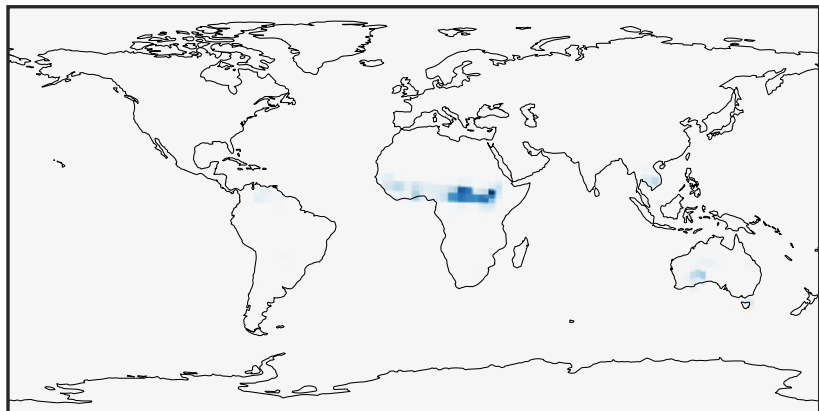
0.0 0.8 1.6 2.4
kg/m²/s 1e-11

GCHP_14.2.0 (Dev)
c24



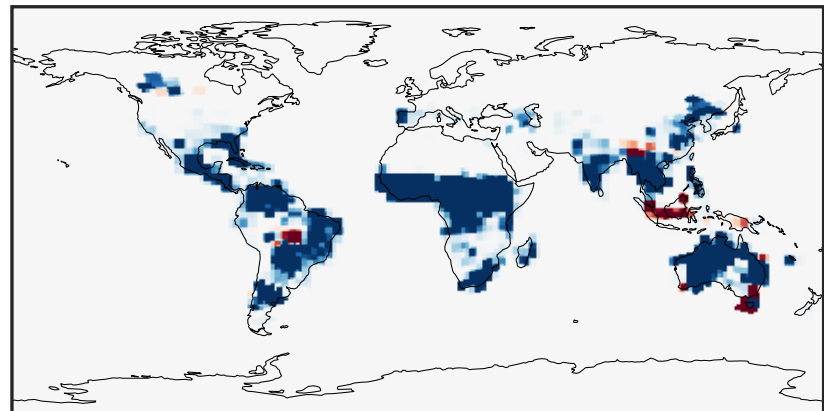
0.0 0.8 1.6 2.4
kg/m²/s 1e-11

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



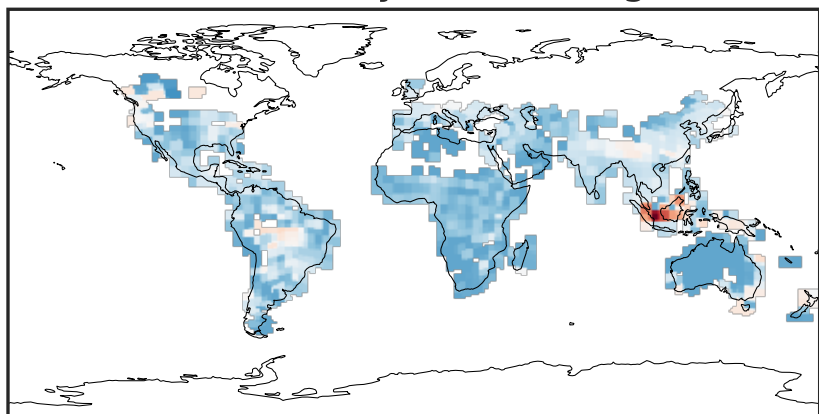
-5 0 5
kg/m²/s 1e-12

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



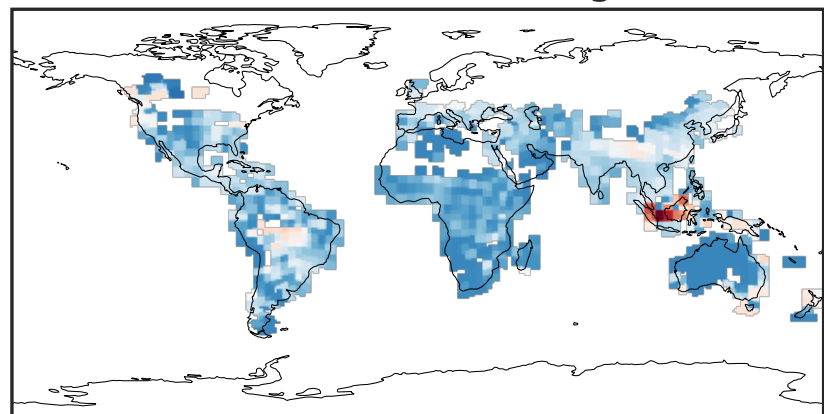
-5 0 5
kg/m²/s 1e-15

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



0.421 0.711 1.000 1.687 2.375
unitless

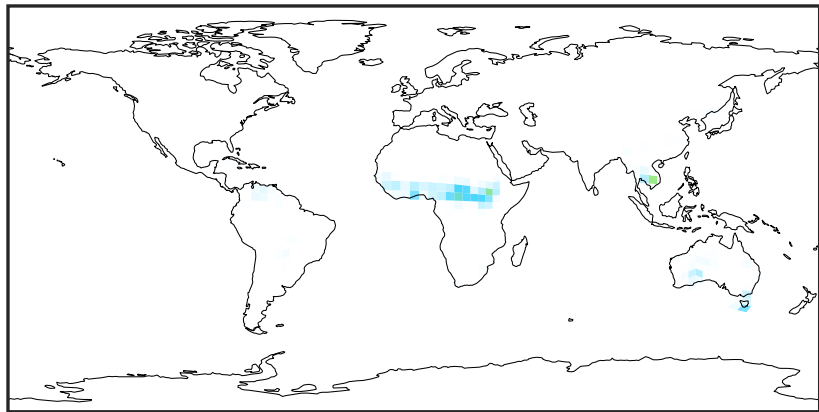
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

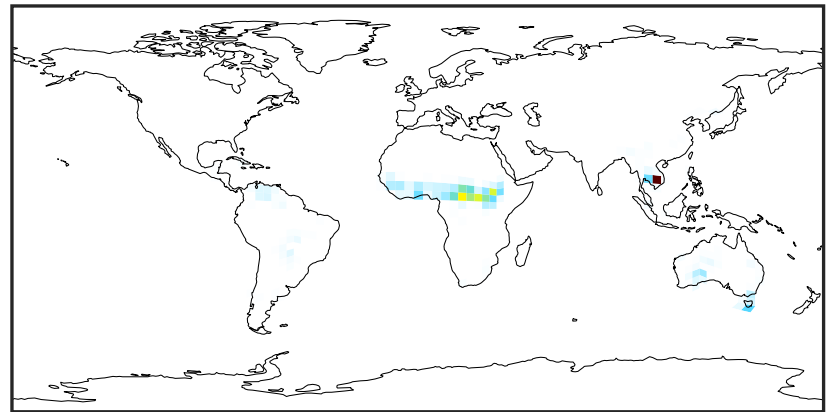
EmisC3H8_BioBurn (Jan2019)

GCHP_14.0.0 (Ref)
c24



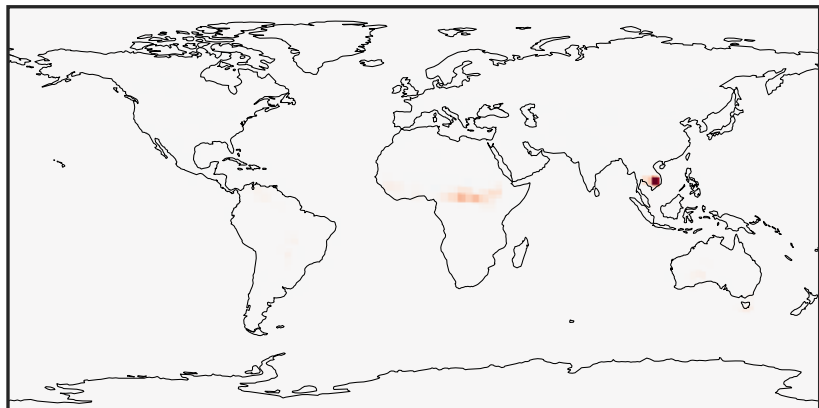
0.0 0.4 0.8 1.2
kg/m²/s 1e-11

GCHP_14.2.0 (Dev)
c24



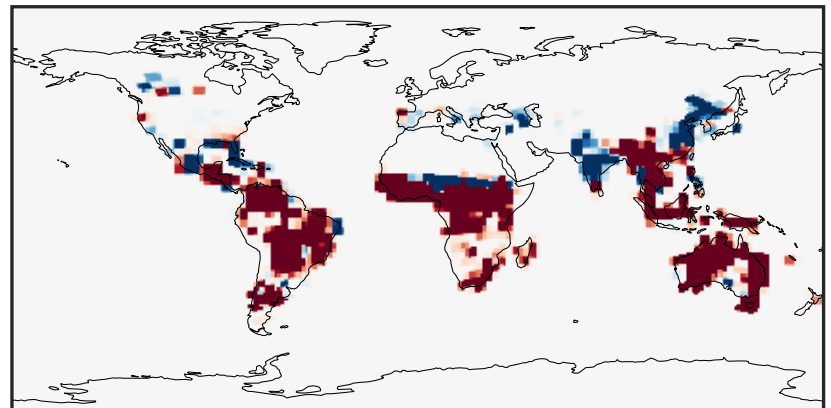
0.0 0.4 0.8 1.2
kg/m²/s 1e-11

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



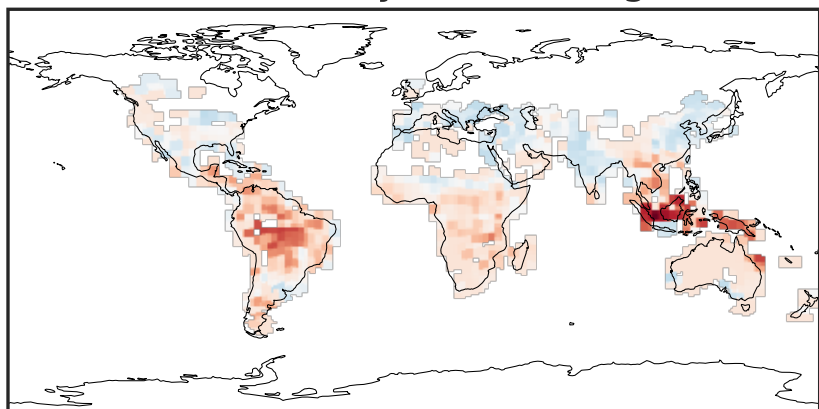
-5 0 5
kg/m²/s 1e-12

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



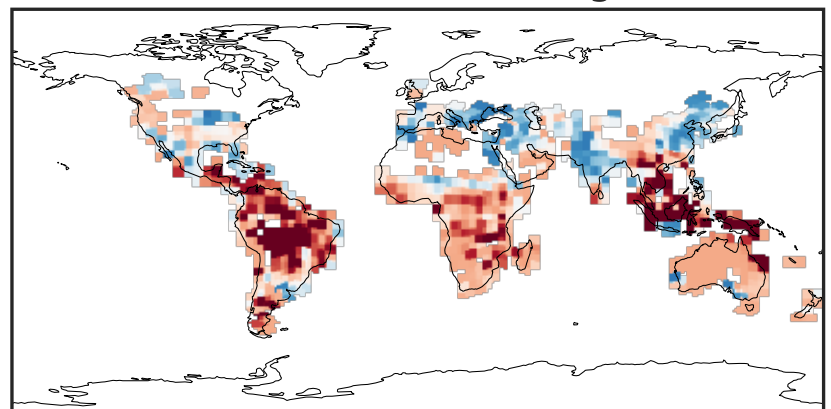
-1 0 1
kg/m²/s 1e-15

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



0.139 0.569 1.000 4.108 7.217
unitless

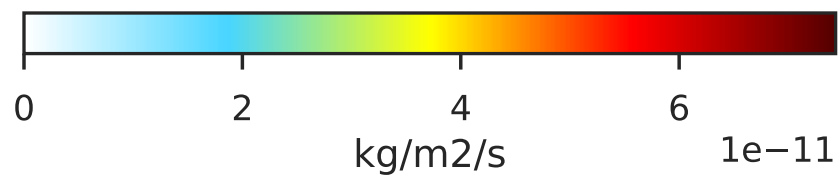
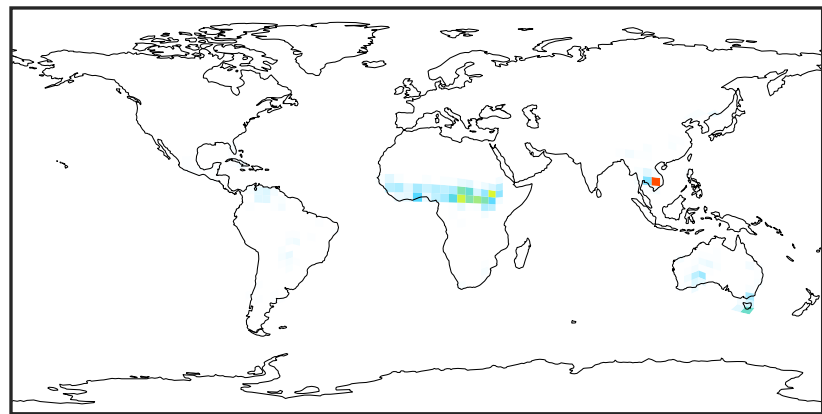
Ratio (1x1.25)
Dev/Ref, Fixed Range



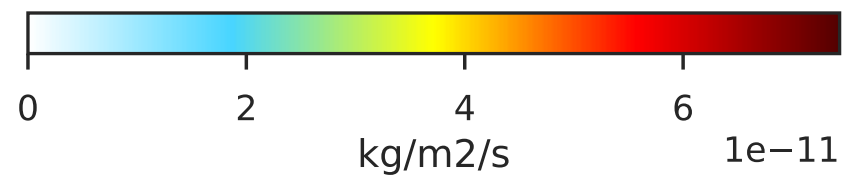
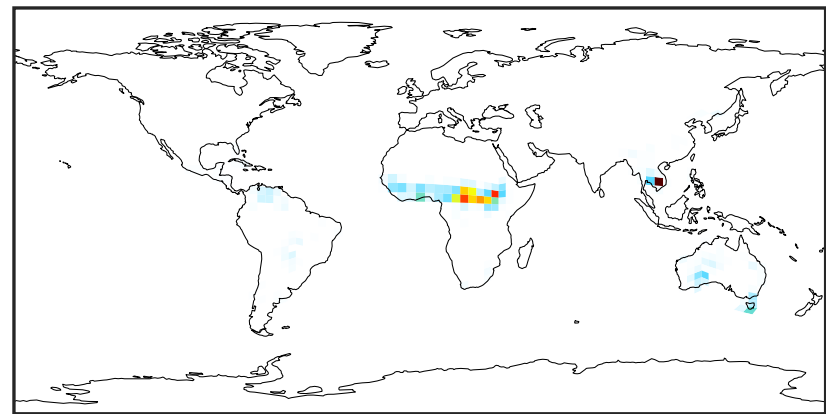
0.50 0.75 1.00 1.50 2.00
unitless

EmisCH2O_BioBurn (Jan2019)

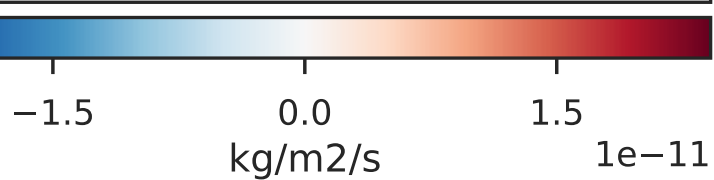
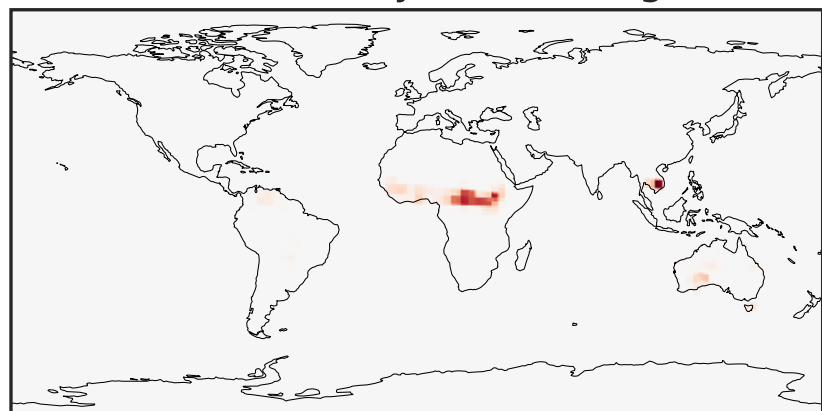
GCHP_14.0.0 (Ref)
c24



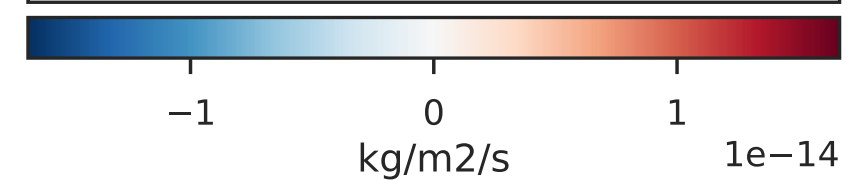
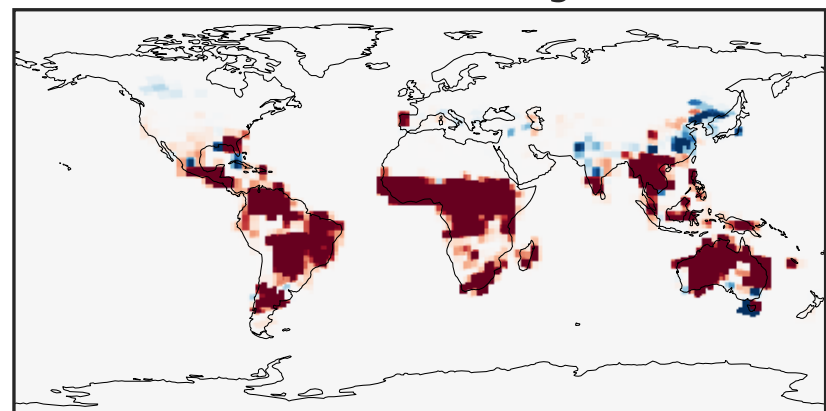
GCHP_14.2.0 (Dev)
c24



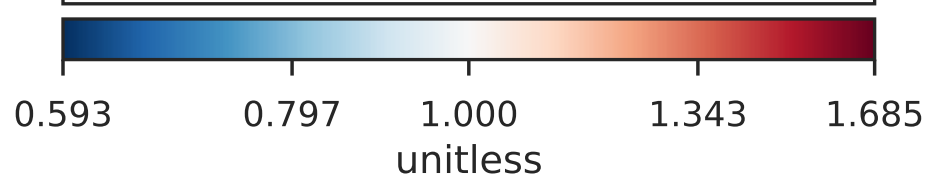
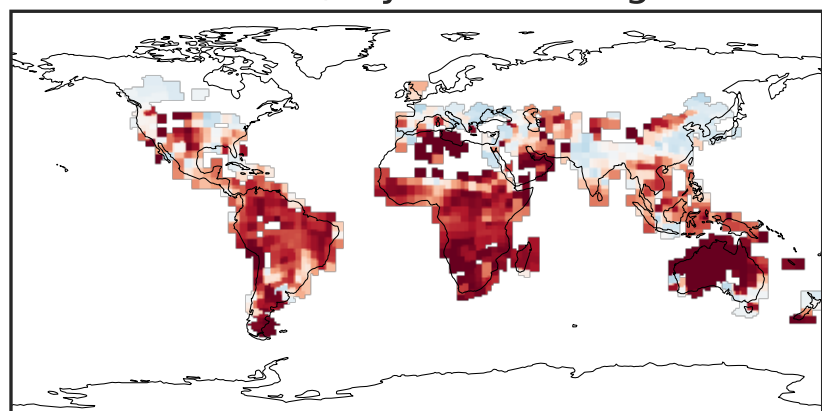
Difference (1x1.25)
Dev - Ref, Dynamic Range



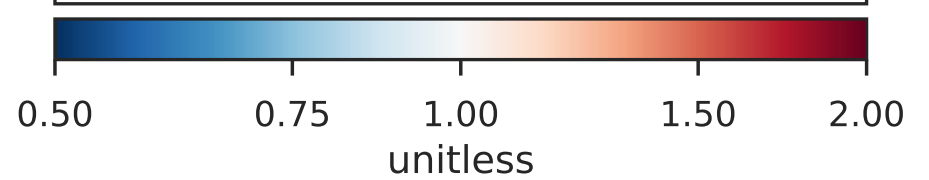
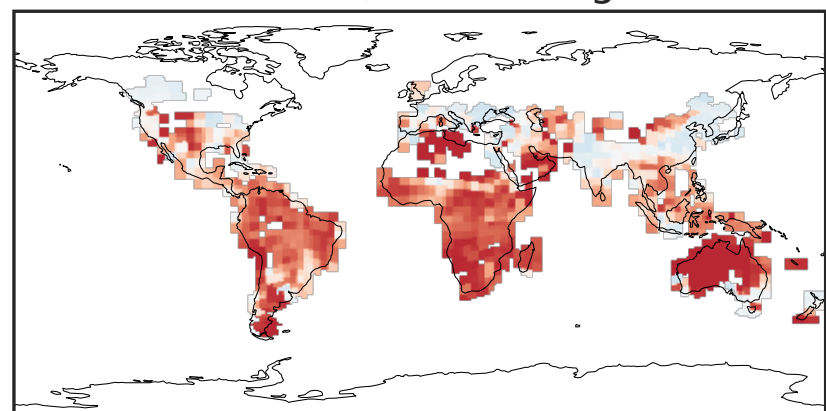
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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



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



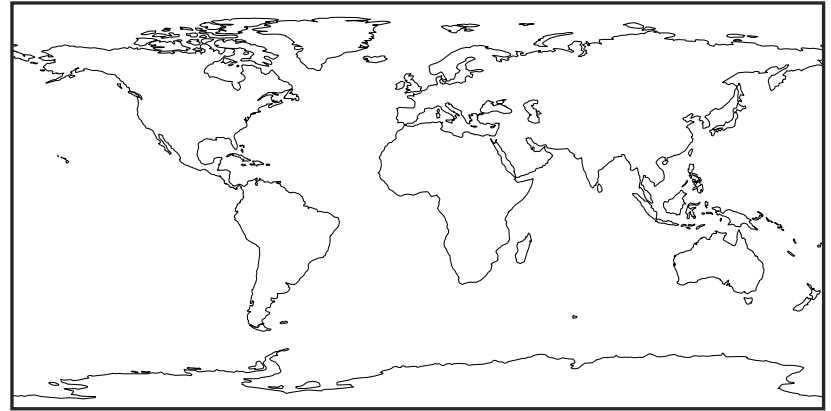
EmisCO2_BioBurn (Jan2019)

GCHP_14.0.0 (Ref)
c24



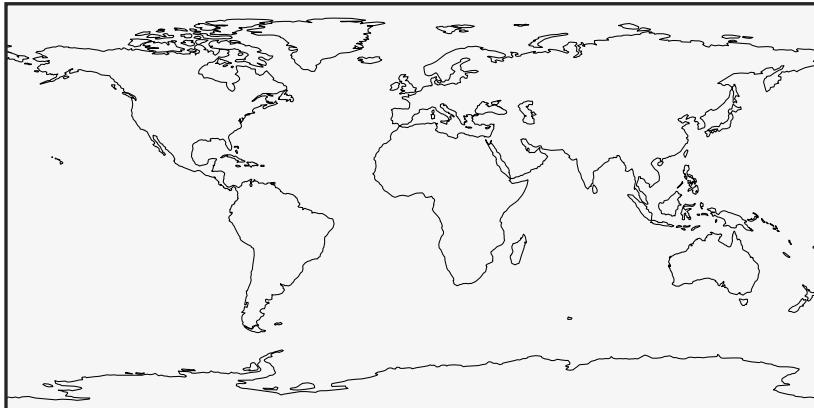
Zero throughout domain
kg/m2/s

GCHP_14.2.0 (Dev)
c24



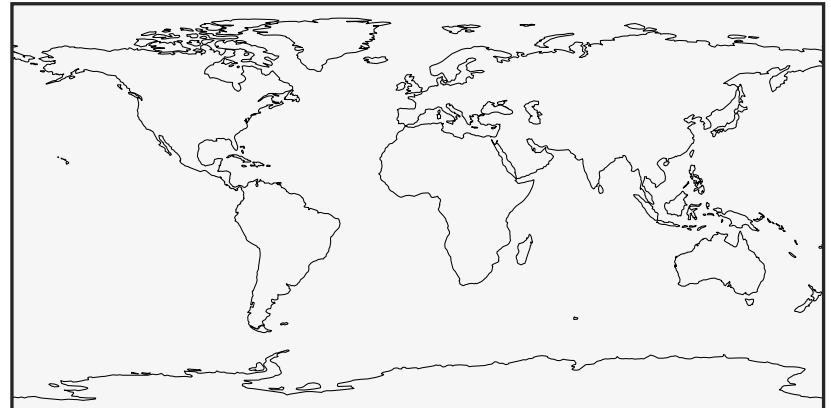
Zero throughout domain
kg/m2/s

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



Zero throughout domain
kg/m2/s

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



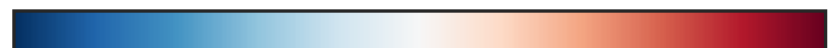
Zero throughout domain
kg/m2/s

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



Undefined throughout domain
unitless

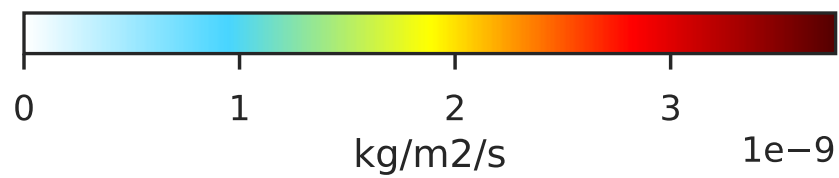
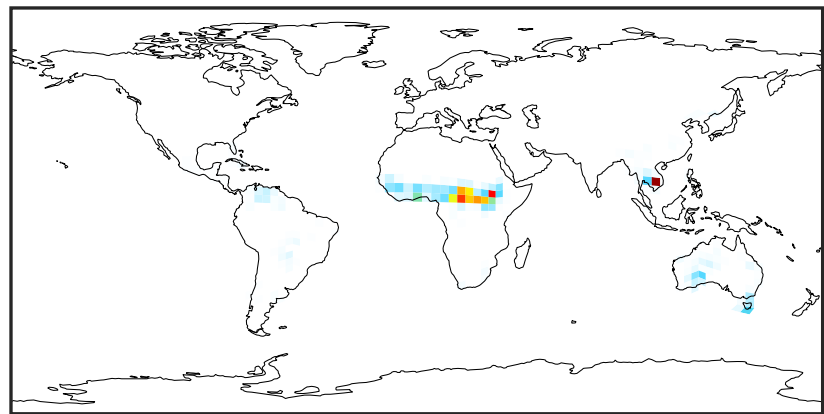
Ratio (1x1.25)
Dev/Ref, Fixed Range



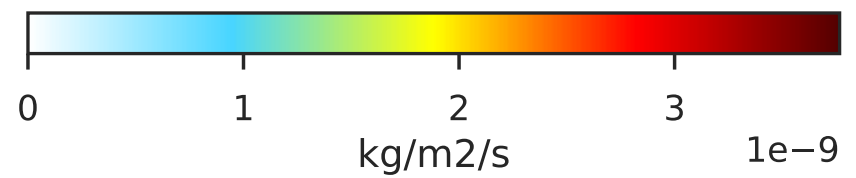
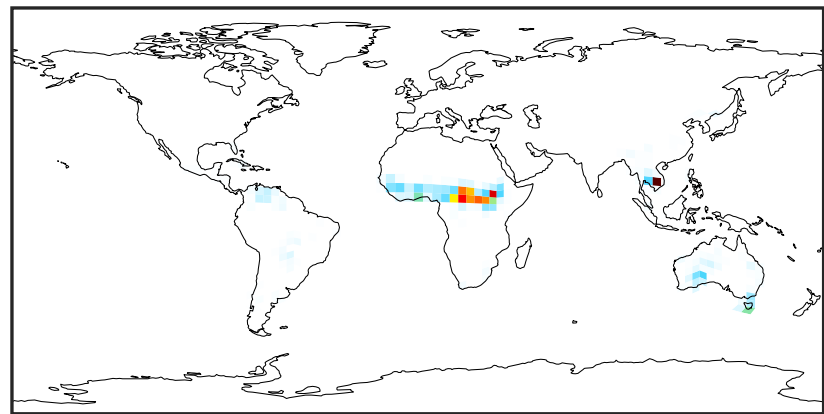
Undefined throughout domain
unitless

EmisCO_BioBurn (Jan2019)

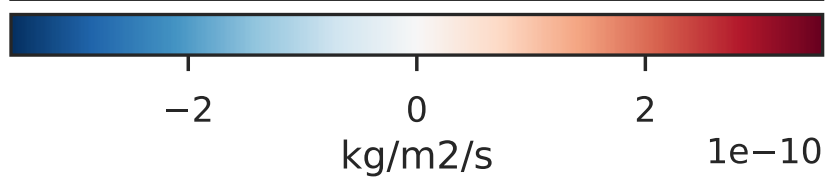
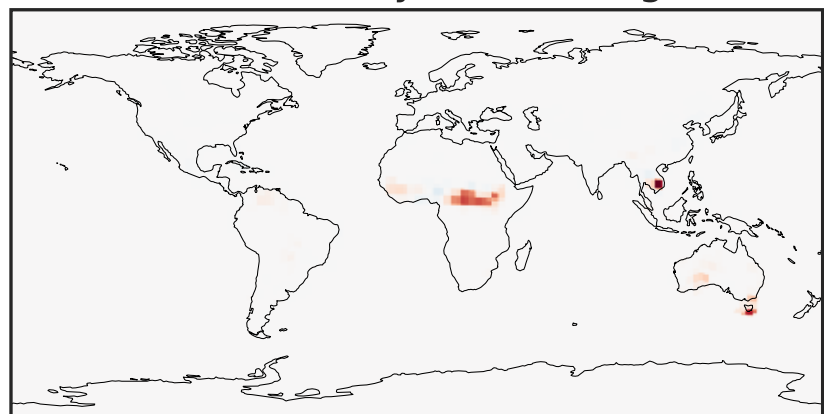
GCHP_14.0.0 (Ref)
c24



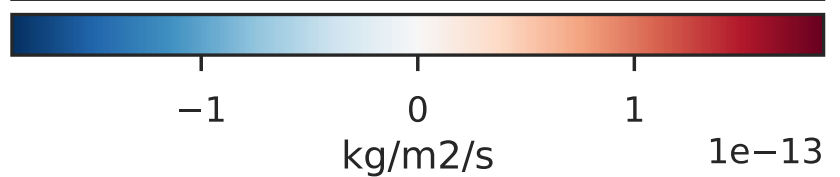
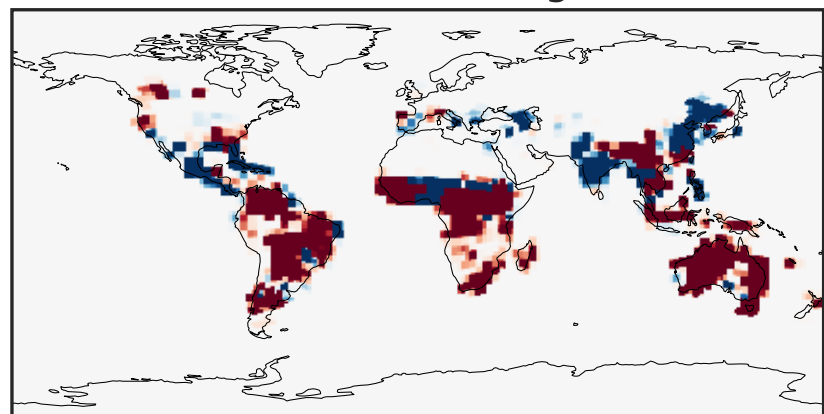
GCHP_14.2.0 (Dev)
c24



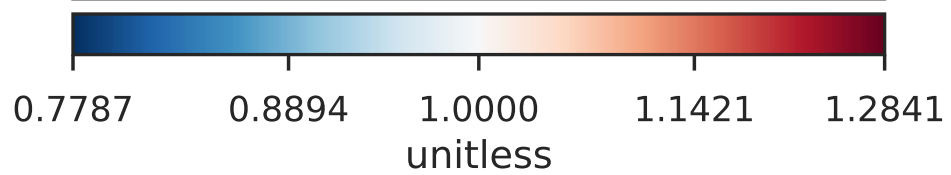
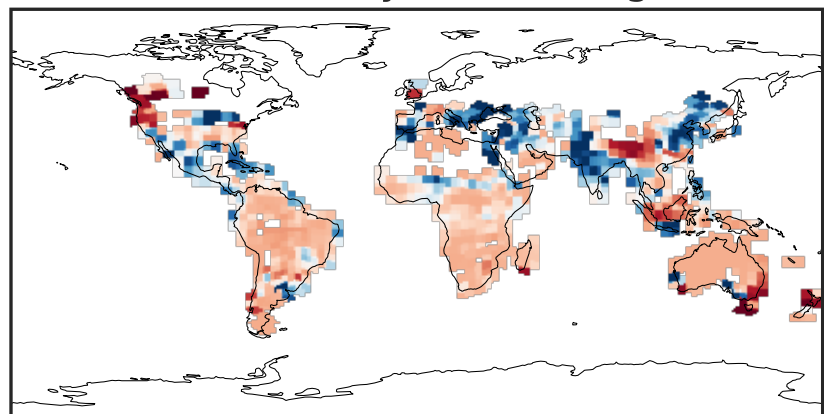
Difference (1x1.25)
Dev - Ref, Dynamic Range



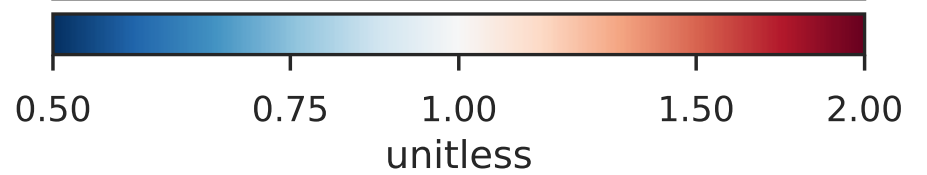
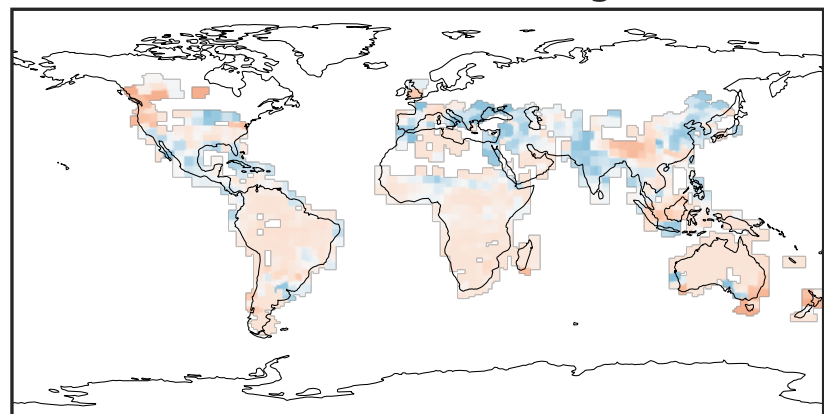
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

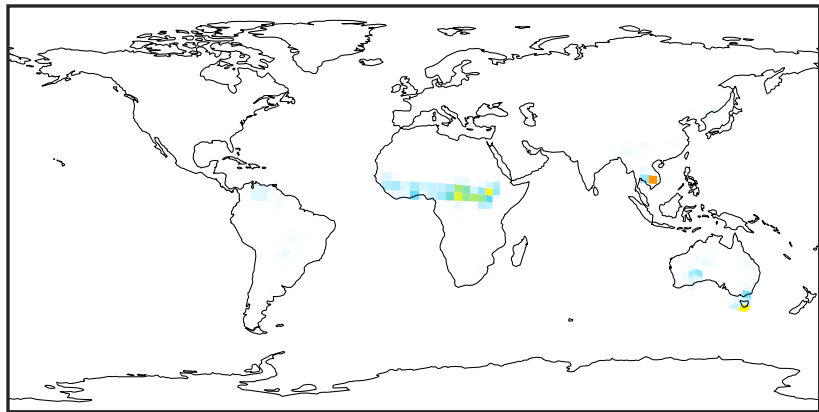


Ratio (1x1.25)
Dev/Ref, Fixed Range



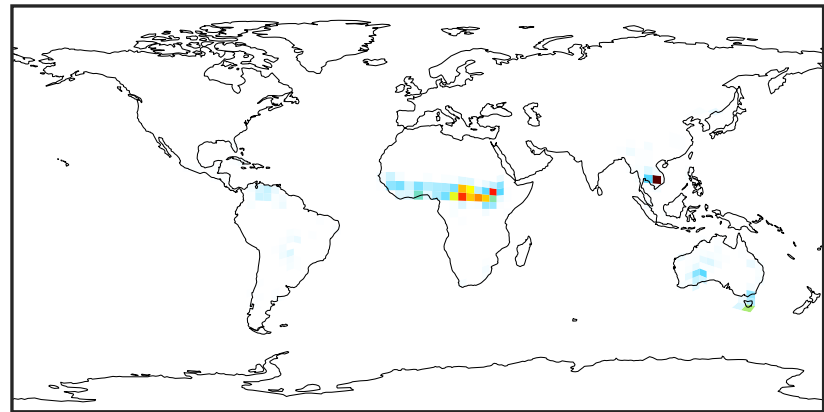
EmisEOH_BioBurn (Jan2019)

GCHP_14.0.0 (Ref)
c24



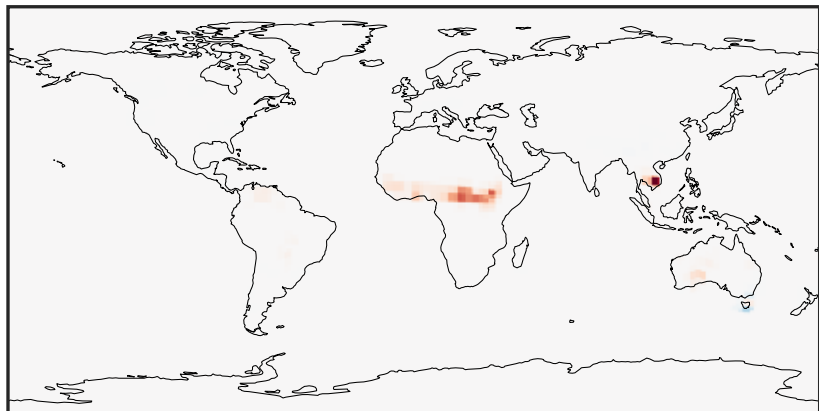
0.0 0.6 1.2 1.8
kg/m2/s 1e-12

GCHP_14.2.0 (Dev)
c24



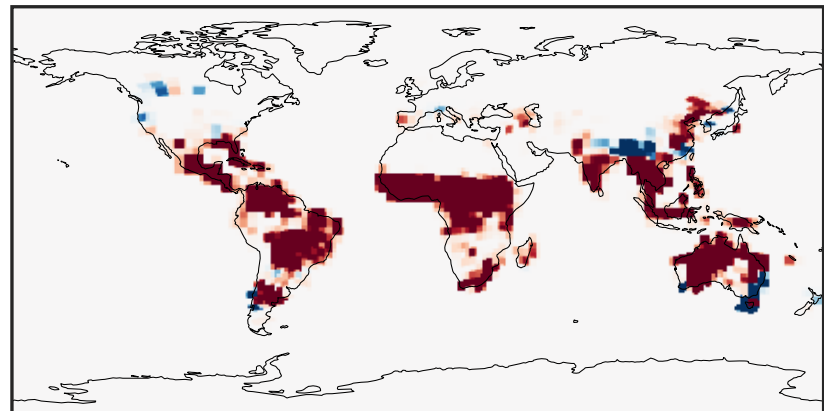
0.0 0.6 1.2 1.8
kg/m2/s 1e-12

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



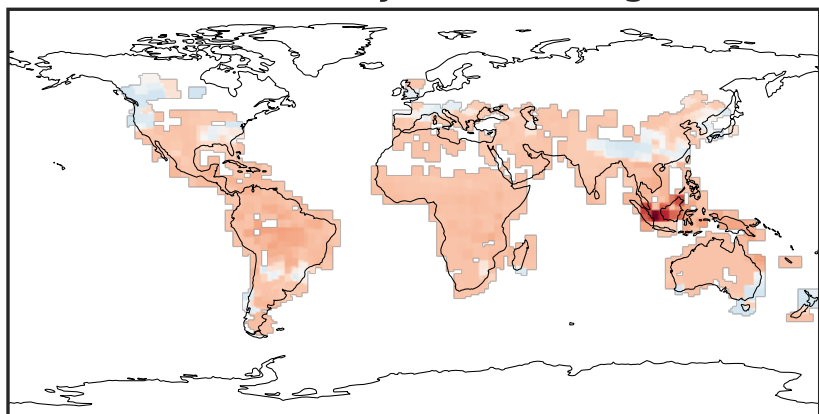
-5 0 5
kg/m2/s 1e-13

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



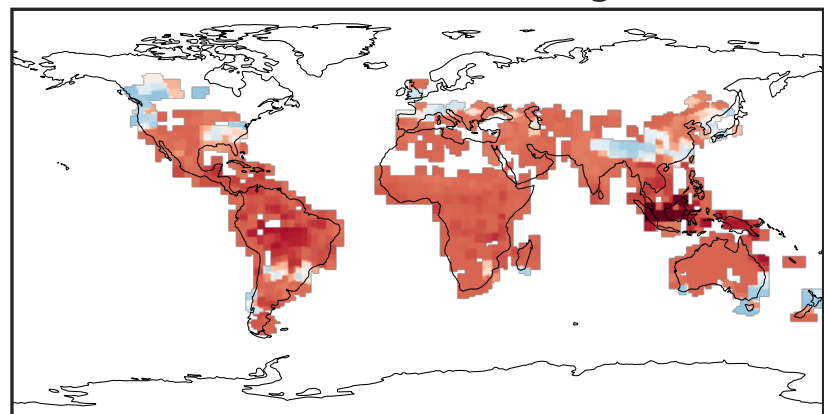
-5 0 5
kg/m2/s 1e-16

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



0.240 0.620 1.000 2.583 4.165
unitless

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



0.50 0.75 1.00 1.50 2.00
unitless

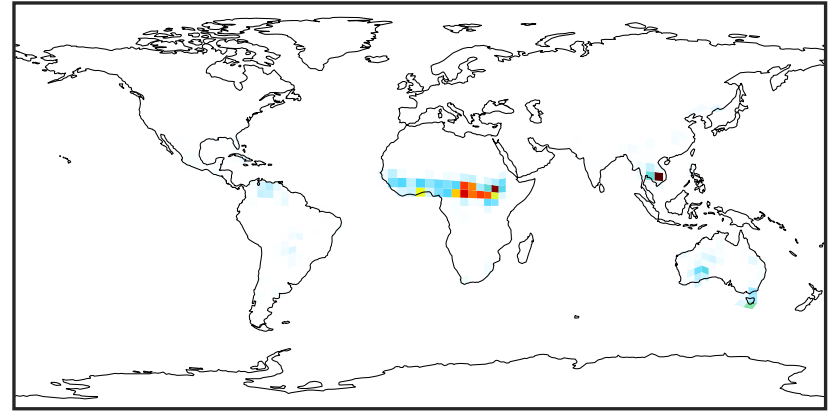
EmisFURA_BioBurn (Jan2019)

GCHP_14.0.0 (Ref)
c24



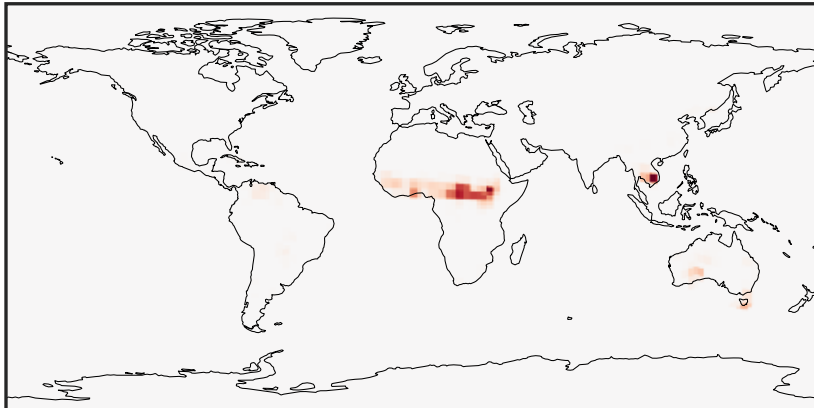
Zero throughout domain
kg/m²/s

GCHP_14.2.0 (Dev)
c24



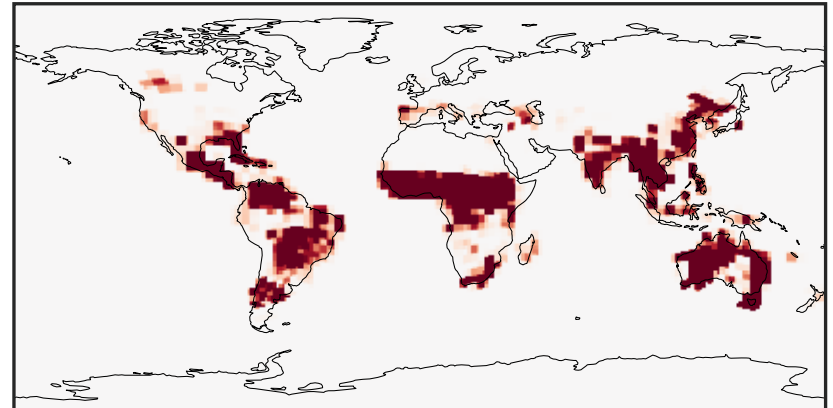
0.0 0.8 1.6 2.4
kg/m²/s 1e-11

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



-1.5 0.0 1.5
kg/m²/s 1e-11

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



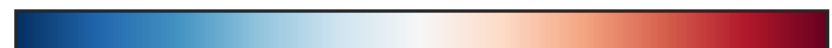
-4 0 4
kg/m²/s 1e-14

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



Undefined throughout domain
unitless

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



Undefined throughout domain
unitless

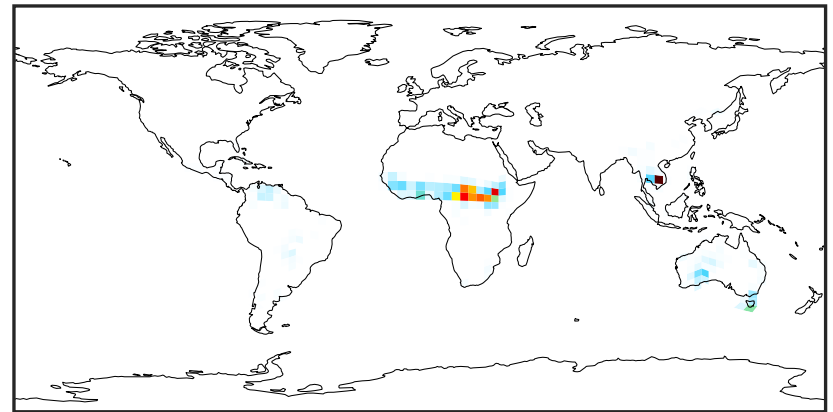
EmisGLYX_BioBurn (Jan2019)

GCHP_14.0.0 (Ref)
c24



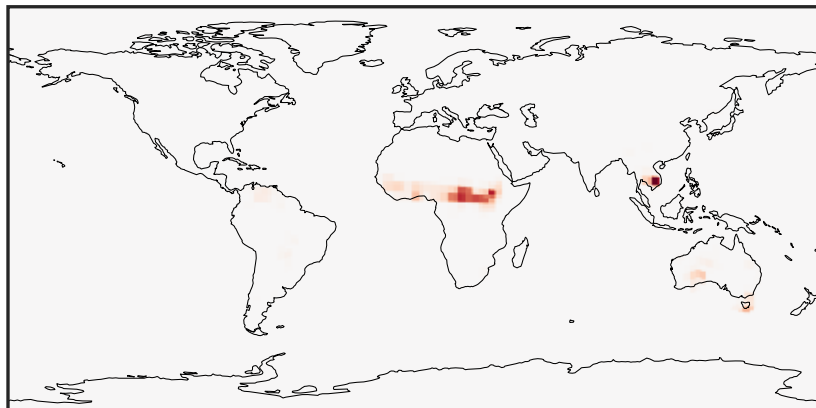
Zero throughout domain
kg/m²/s

GCHP_14.2.0 (Dev)
c24



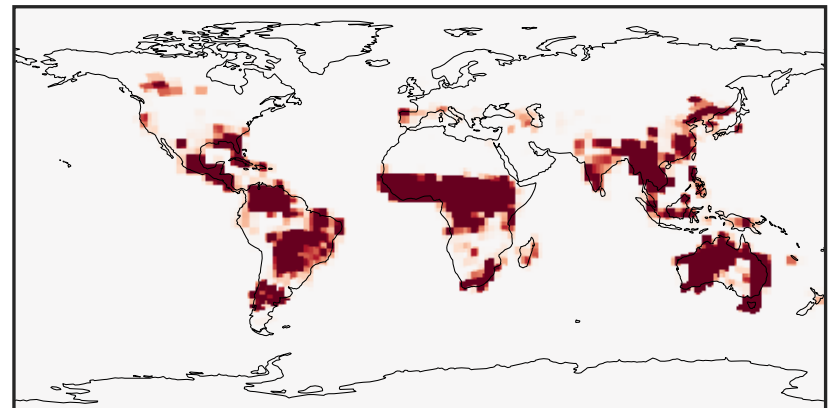
0.0 0.5 1.0 1.5
kg/m²/s 1e-11

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



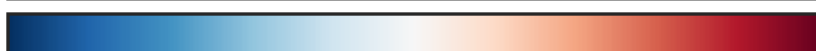
-1 0 1
kg/m²/s 1e-11

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



-1.5 0.0 1.5
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

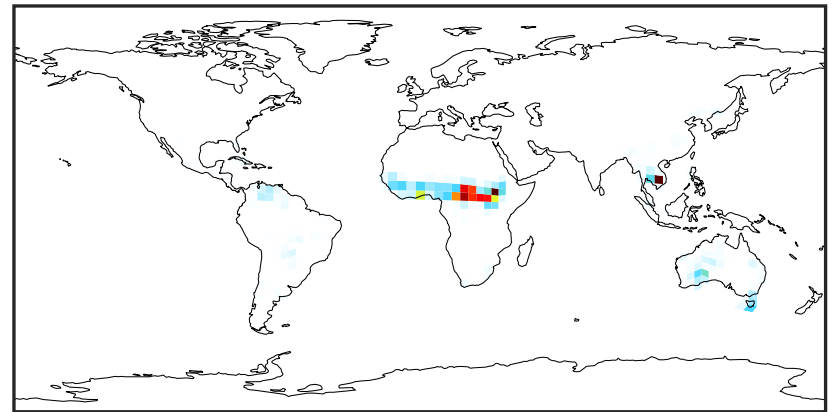
EmisSOP_BioBurn (Jan2019)

GCHP_14.0.0 (Ref)
c24



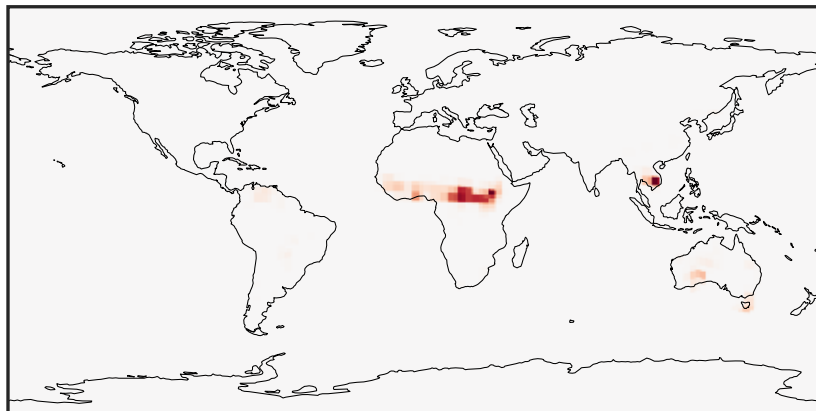
Zero throughout domain
kg/m²/s

GCHP_14.2.0 (Dev)
c24



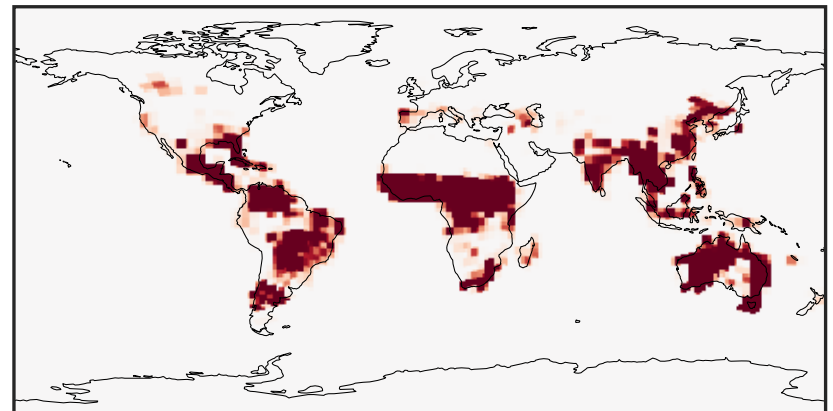
0.0 1.5 3.0
kg/m²/s 1e-12

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



-2.5 0.0 2.5
kg/m²/s 1e-12

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



-5 0 5
kg/m²/s 1e-15

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



Undefined throughout domain
unitless

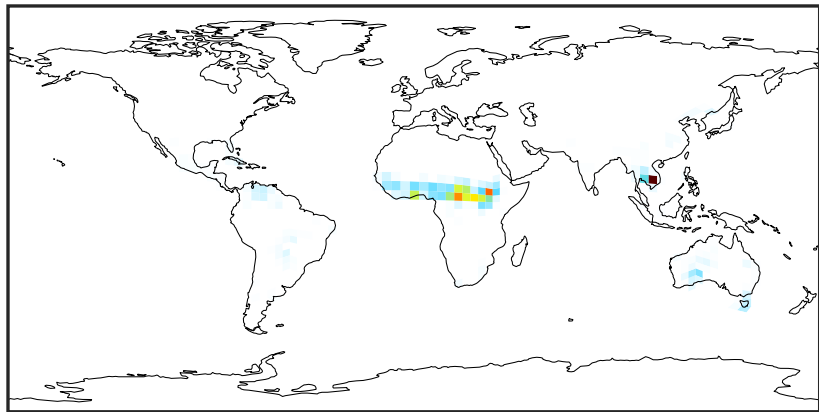
Ratio (1x1.25)
Dev/Ref, Fixed Range



Undefined throughout domain
unitless

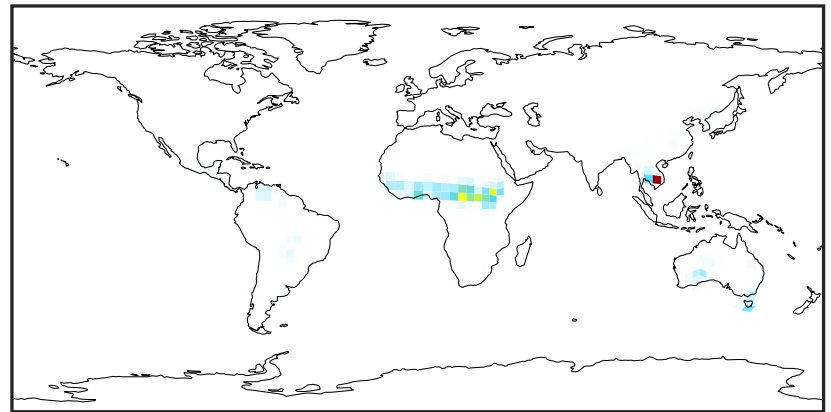
EmisMEK_BioBurn (Jan2019)

GCHP_14.0.0 (Ref)
c24



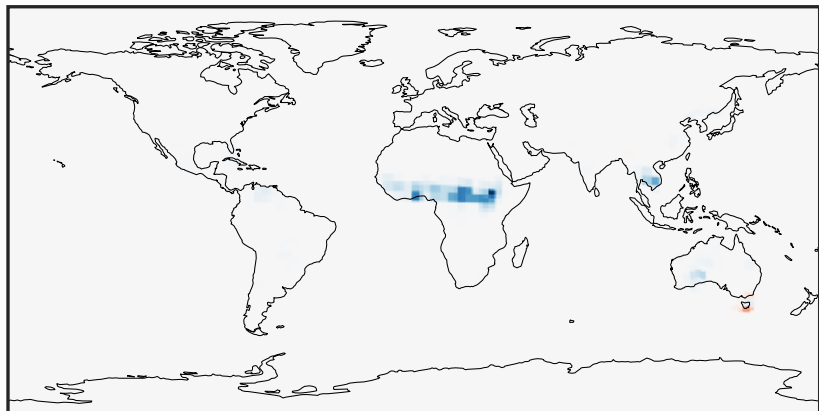
0.0 0.4 0.8 1.2
kg/m²/s 1e-11

GCHP_14.2.0 (Dev)
c24



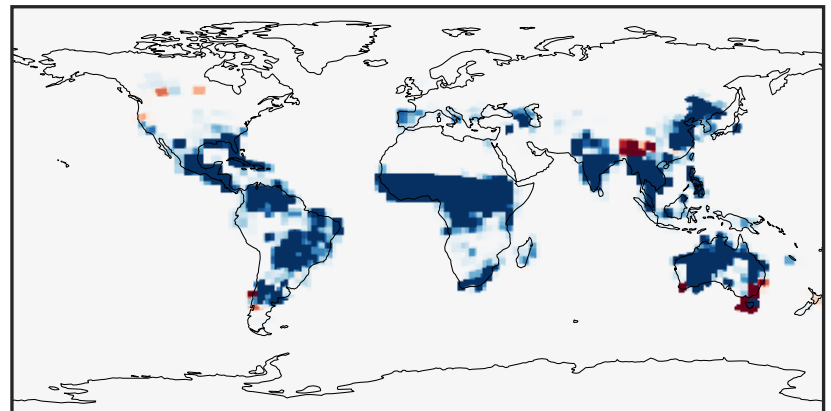
0.0 0.4 0.8 1.2
kg/m²/s 1e-11

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



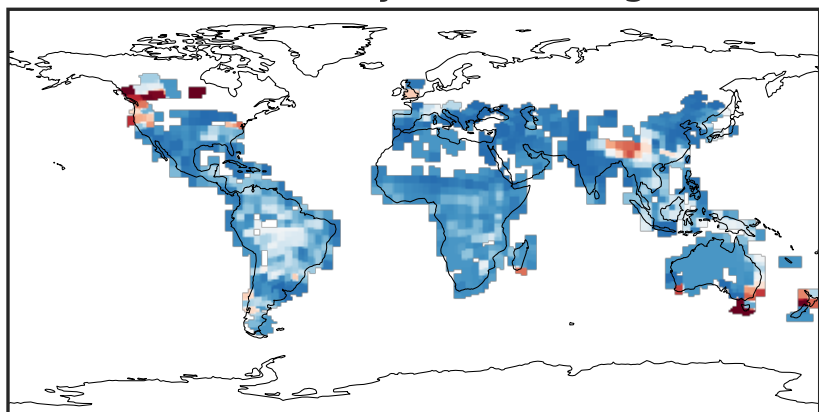
-1.5 0.0 1.5
kg/m²/s 1e-12

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



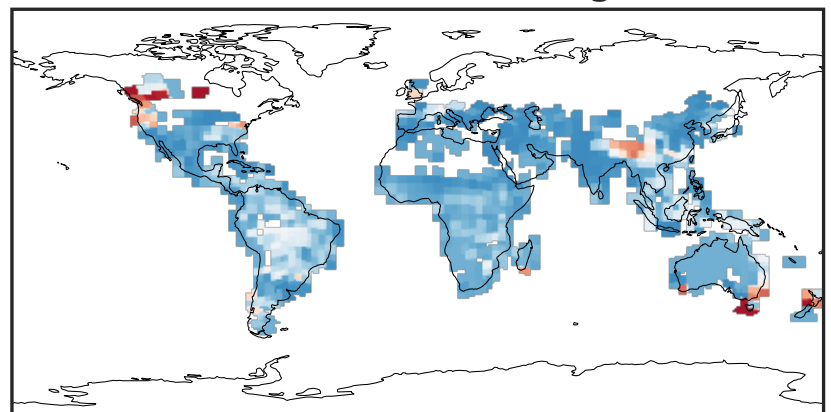
-3 0 3
kg/m²/s 1e-15

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



0.565 0.783 1.000 1.385 1.769
unitless

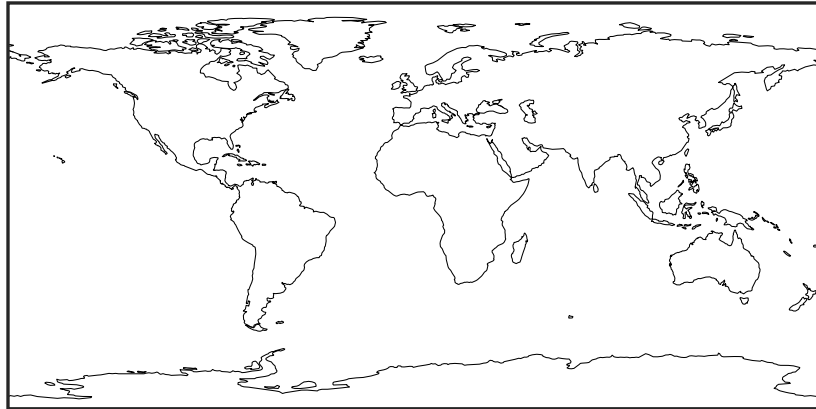
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

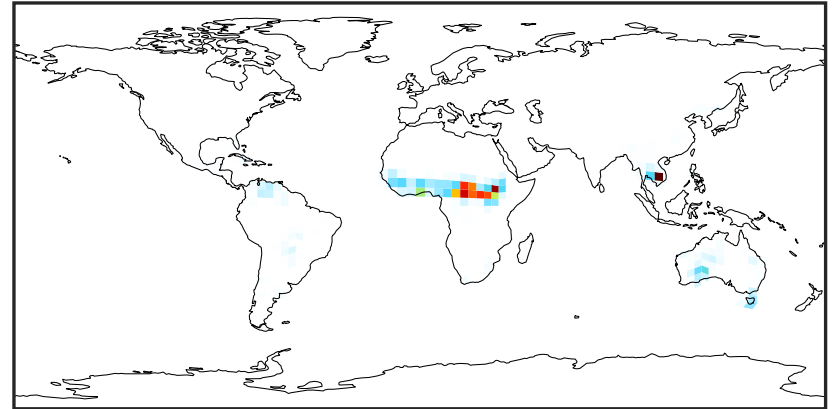
EmisMGLY_BioBurn (Jan2019)

GCHP_14.0.0 (Ref)
c24



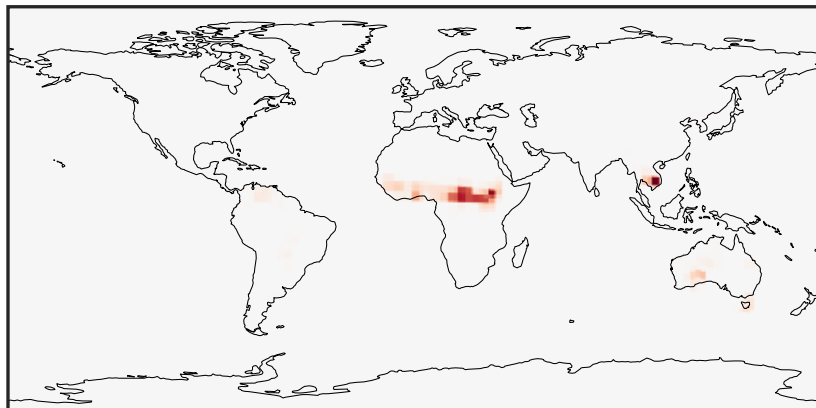
Zero throughout domain
kg/m²/s

GCHP_14.2.0 (Dev)
c24



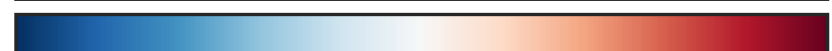
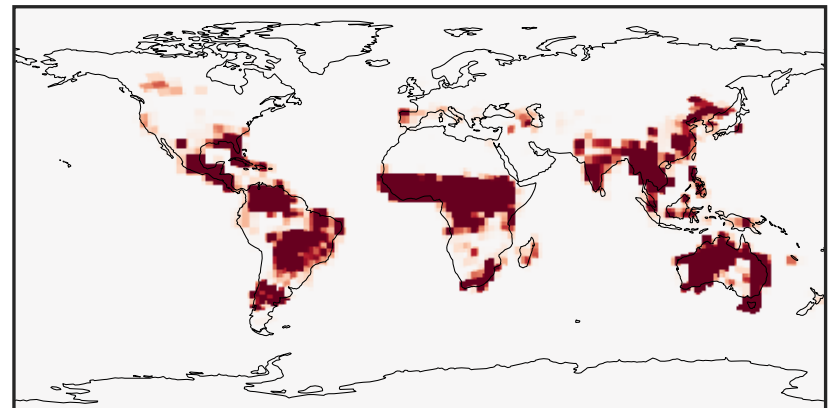
0.0 0.5 1.0 1.5
kg/m²/s 1e-11

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



-1 0 1
kg/m²/s 1e-11

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



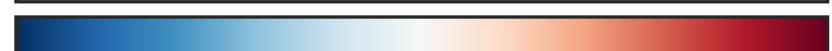
-2 0 2
kg/m²/s 1e-14

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



Undefined throughout domain
unitless

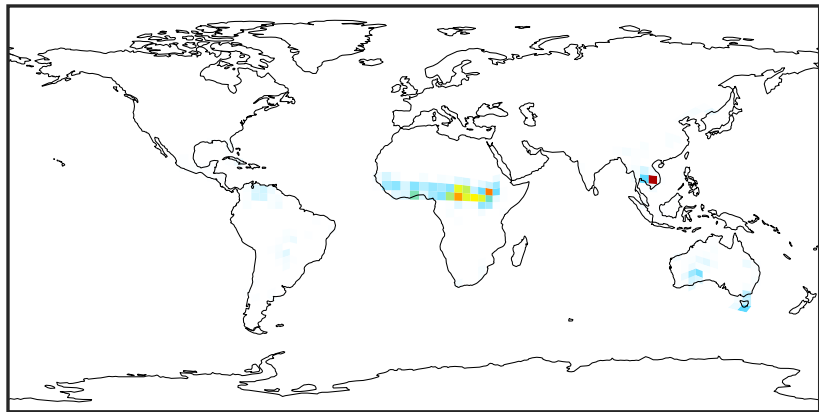
Ratio (1x1.25)
Dev/Ref, Fixed Range



Undefined throughout domain
unitless

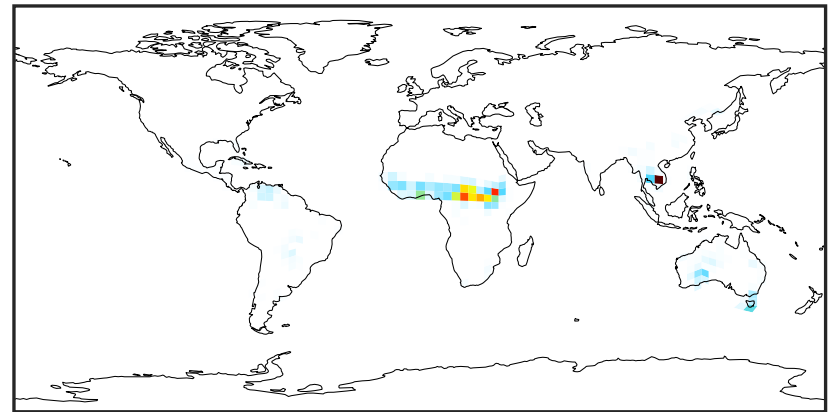
EmisMOH_BioBurn (Jan2019)

GCHP_14.0.0 (Ref)
c24



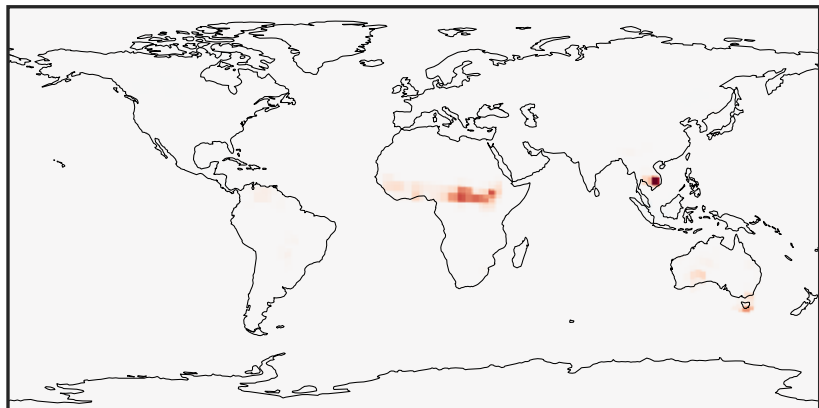
0.0 2.5 5.0 7.5
kg/m²/s 10^{-11}

GCHP_14.2.0 (Dev)
c24



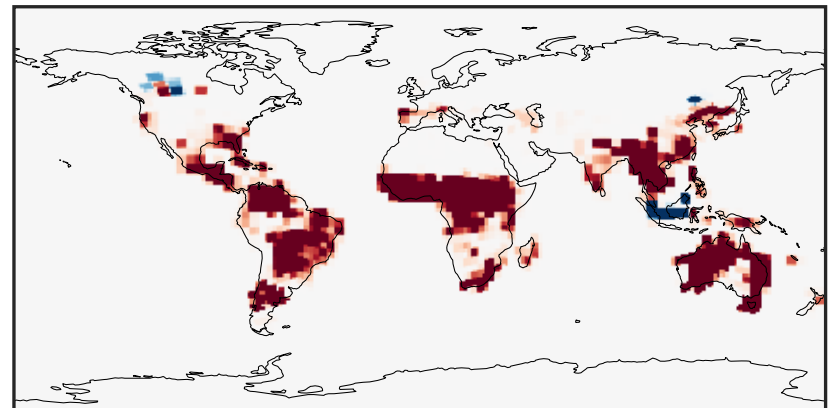
0.0 2.5 5.0 7.5
kg/m²/s 10^{-11}

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



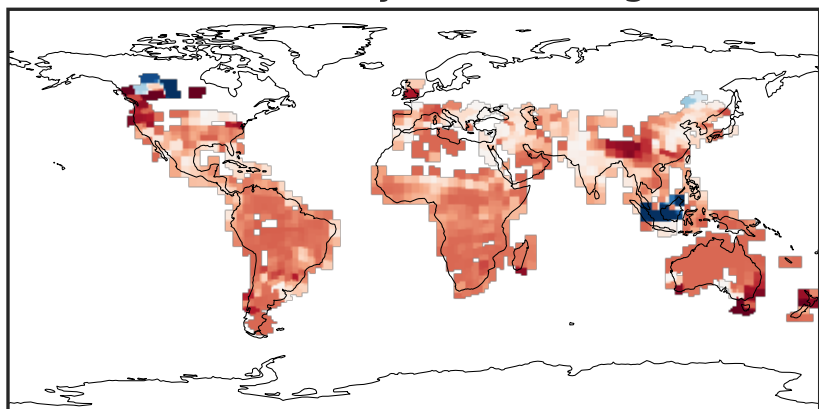
-6 0 6
kg/m²/s 10^{-12}

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



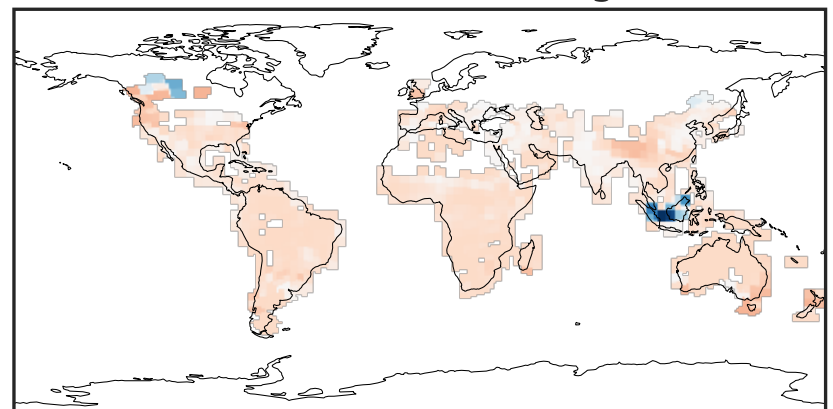
-8 0 8
kg/m²/s 10^{-15}

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



0.7909 0.8954 1.0000 1.1322 1.2644
unitless

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



0.50 0.75 1.00 1.50 2.00
unitless

EmisMTPA_BioBurn (Jan2019)

GCHP_14.0.0 (Ref)
c24



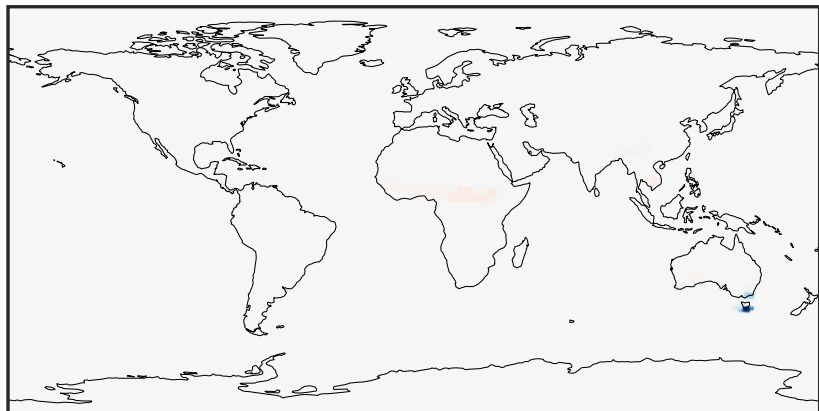
0.0 0.6 1.2 1.8
kg/m²/s 10^{-11}

GCHP_14.2.0 (Dev)
c24



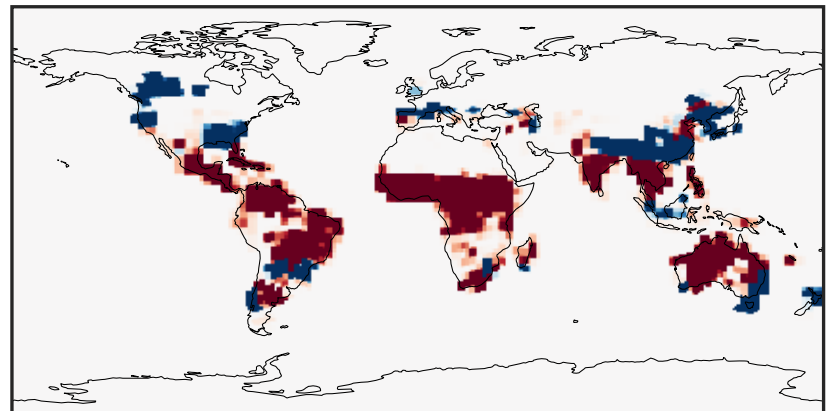
0.0 0.6 1.2 1.8
kg/m²/s 10^{-11}

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



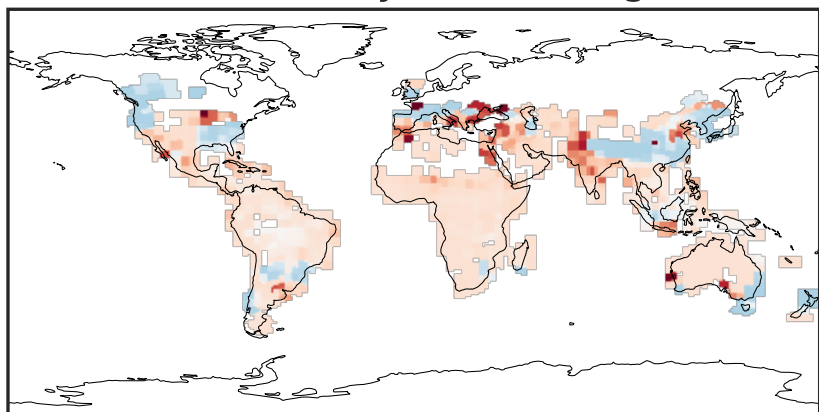
-5 0 5
kg/m²/s 10^{-12}

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



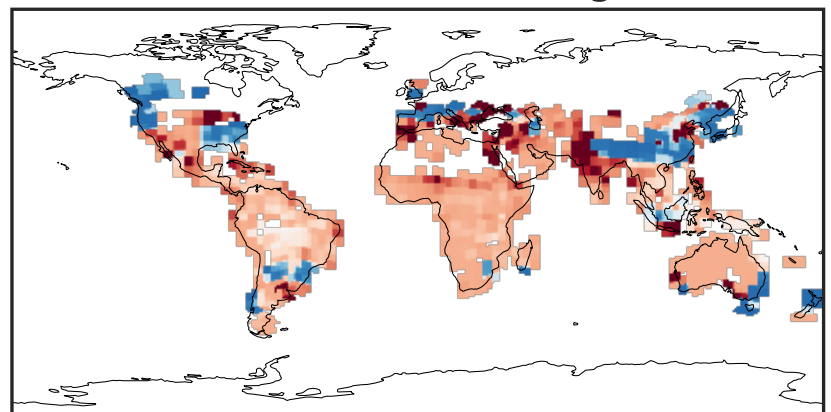
-5 0 5
kg/m²/s 10^{-16}

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



0.185 0.593 1.000 3.200 5.400
unitless

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



0.50 0.75 1.00 1.50 2.00
unitless

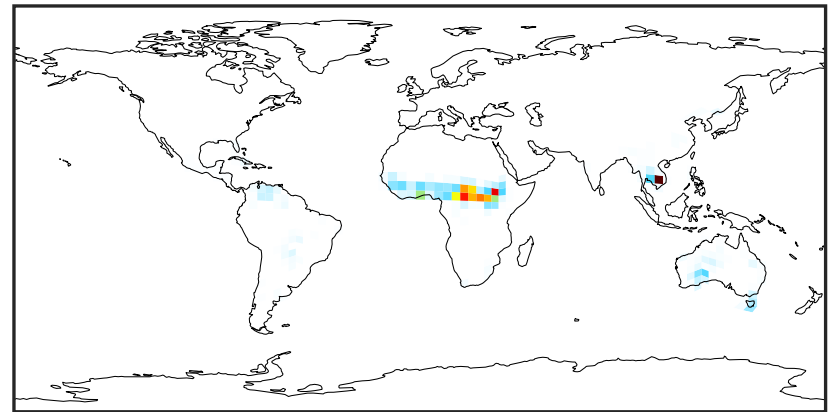
EmisMVK_BioBurn (Jan2019)

GCHP_14.0.0 (Ref)
c24



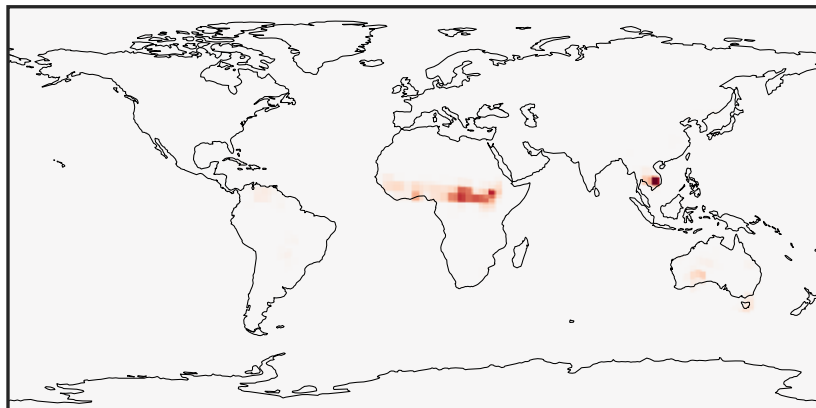
Zero throughout domain
kg/m²/s

GCHP_14.2.0 (Dev)
c24



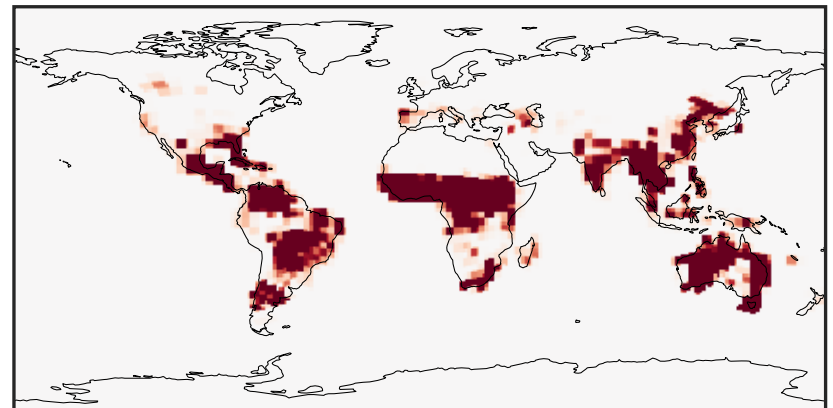
0.0 0.4 0.8 1.2
kg/m²/s 1e-11

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



-8 0 8
kg/m²/s 1e-12

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



-1.5 0.0 1.5
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

EmisNAP_BioBurn (Jan2019)

GCHP_14.0.0 (Ref)
c24



Zero throughout domain
kg/m2/s

GCHP_14.2.0 (Dev)
c24



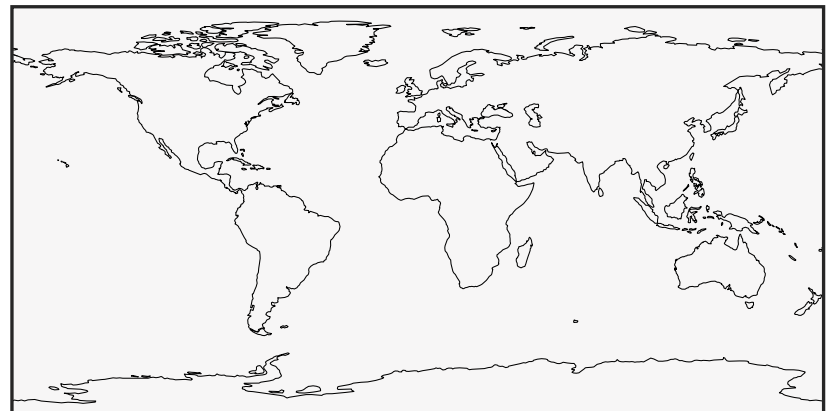
Zero throughout domain
kg/m2/s

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



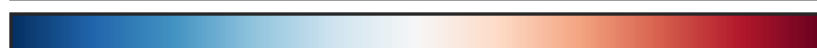
Zero throughout domain
kg/m2/s

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



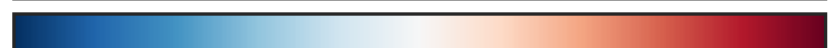
Zero throughout domain
kg/m2/s

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



Undefined throughout domain
unitless

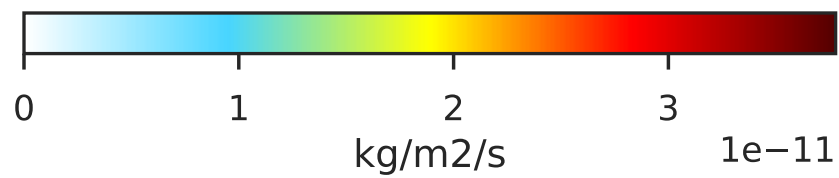
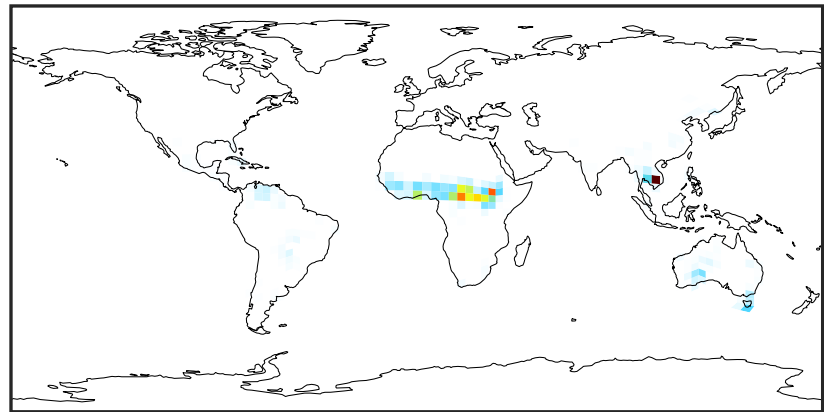
Ratio (1x1.25)
Dev/Ref, Fixed Range



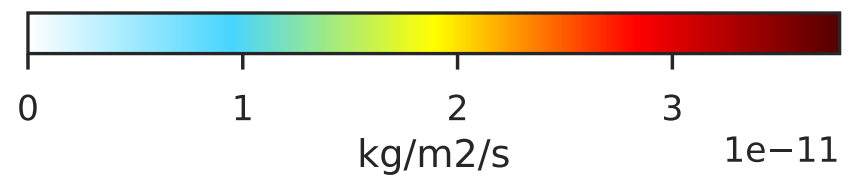
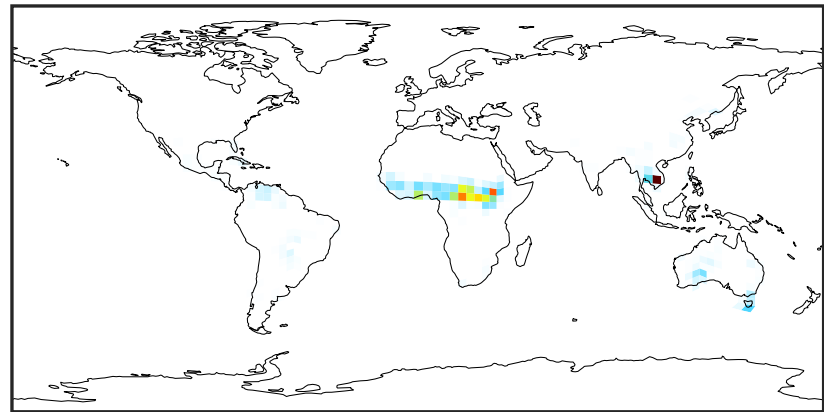
Undefined throughout domain
unitless

EmisNH3_BioBurn (Jan2019)

GCHP_14.0.0 (Ref)
c24



GCHP_14.2.0 (Dev)
c24



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



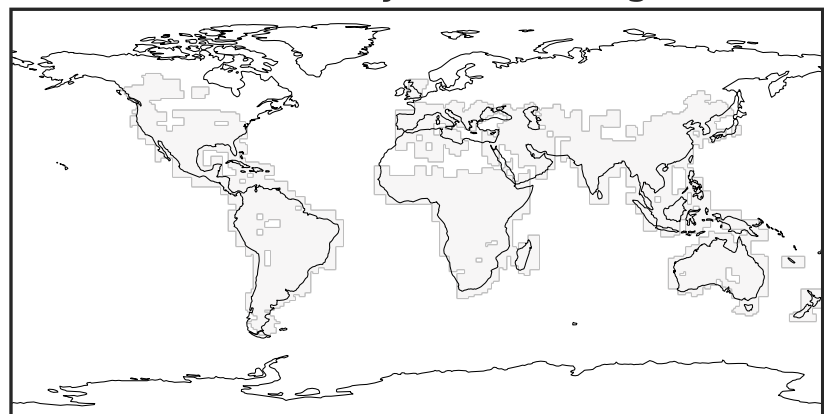
Zero throughout domain
kg/m2/s

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



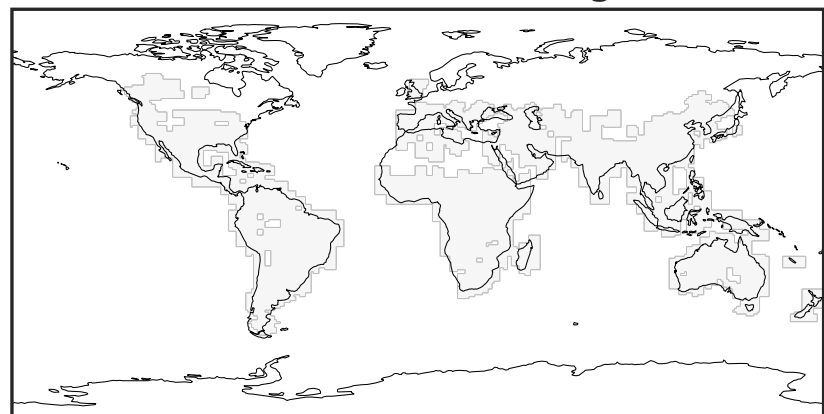
Zero throughout domain
kg/m2/s

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



Ref and Dev equal throughout domain
unitless

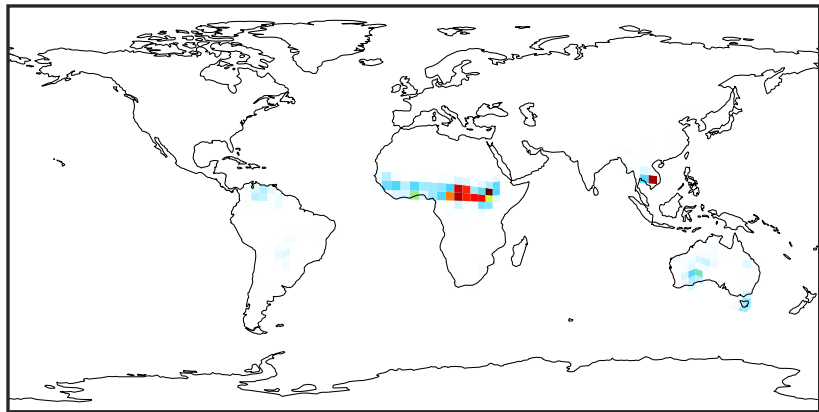
Ratio (1x1.25)
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless

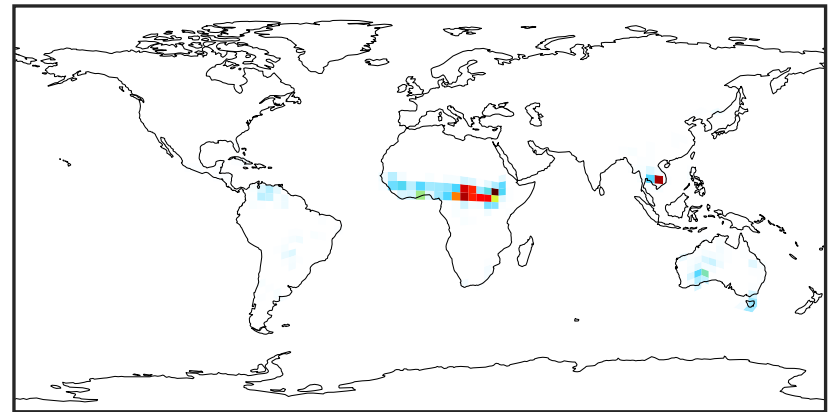
EmisNO_BioBurn (Jan2019)

GCHP_14.0.0 (Ref)
c24



0.0 0.4 0.8 1.2 $1e-10$
kg/m²/s

GCHP_14.2.0 (Dev)
c24



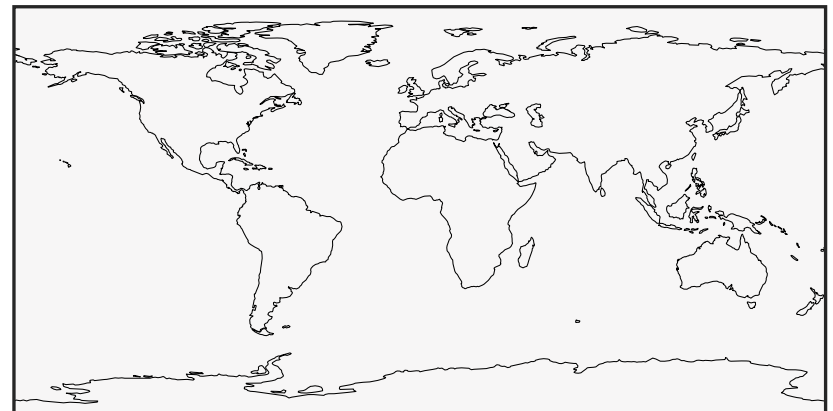
0.0 0.4 0.8 1.2 $1e-10$
kg/m²/s

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



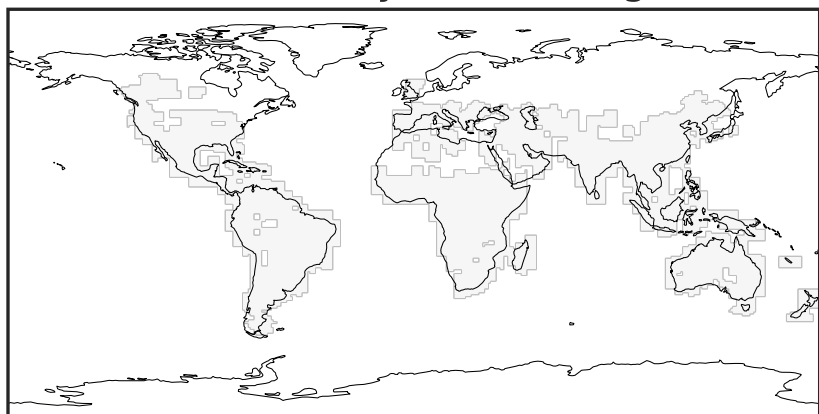
Zero throughout domain
kg/m²/s

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



Zero throughout domain
kg/m²/s

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



Ref and Dev equal throughout domain
unitless

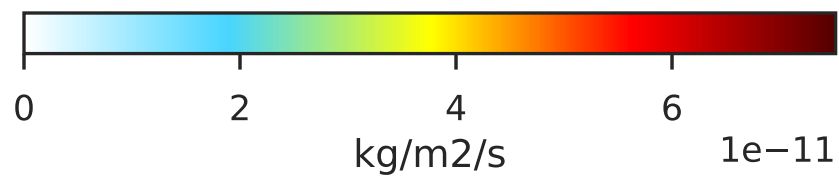
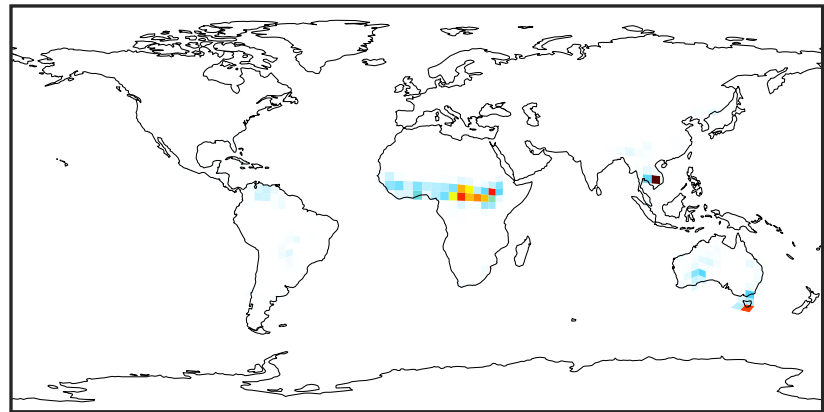
Ratio (1x1.25)
Dev/Ref, Fixed Range



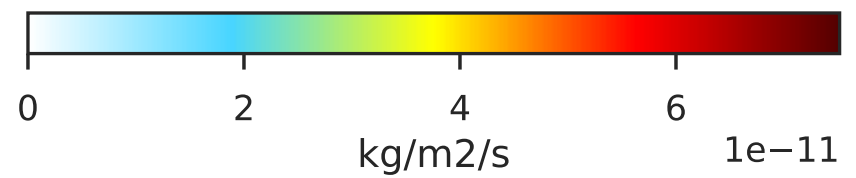
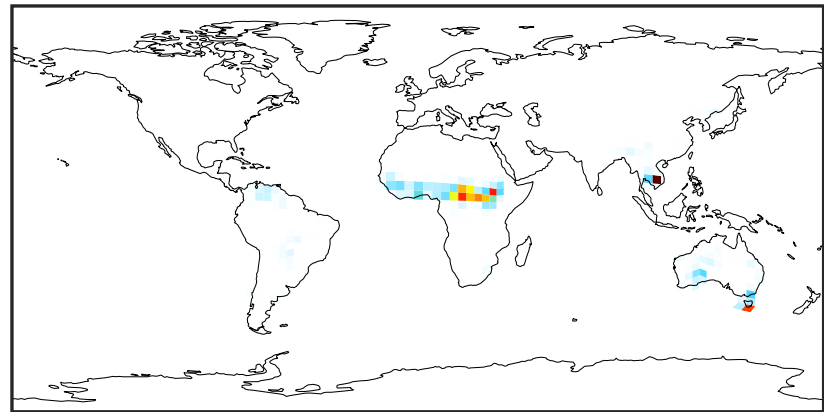
Ref and Dev equal throughout domain
unitless

EmisOCPI_BioBurn (Jan2019)

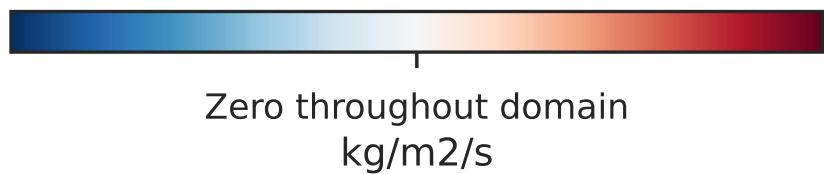
GCHP_14.0.0 (Ref)
c24



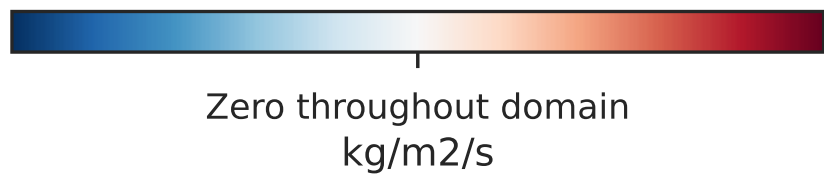
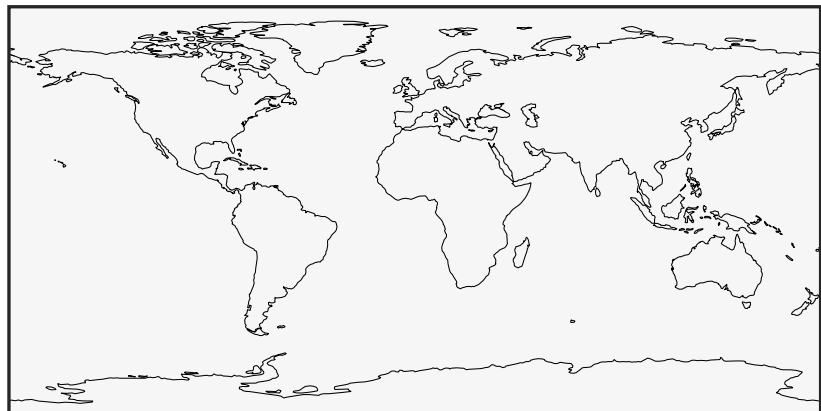
GCHP_14.2.0 (Dev)
c24



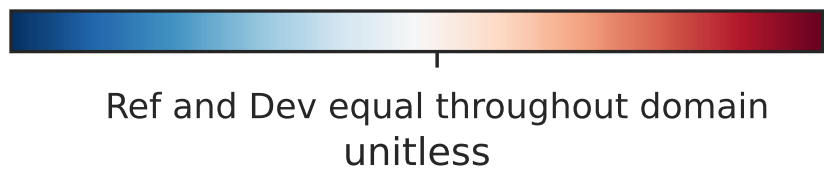
Difference (1x1.25)
Dev - Ref, Dynamic Range



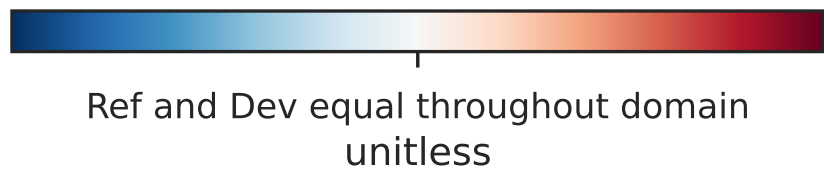
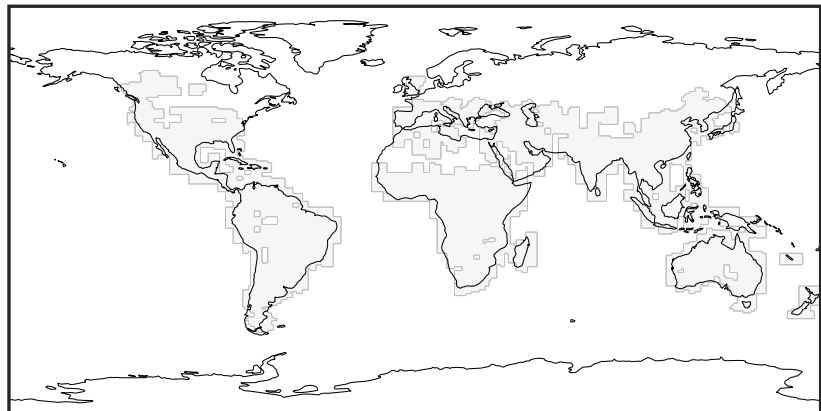
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

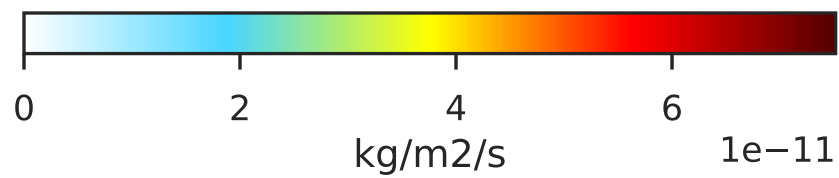
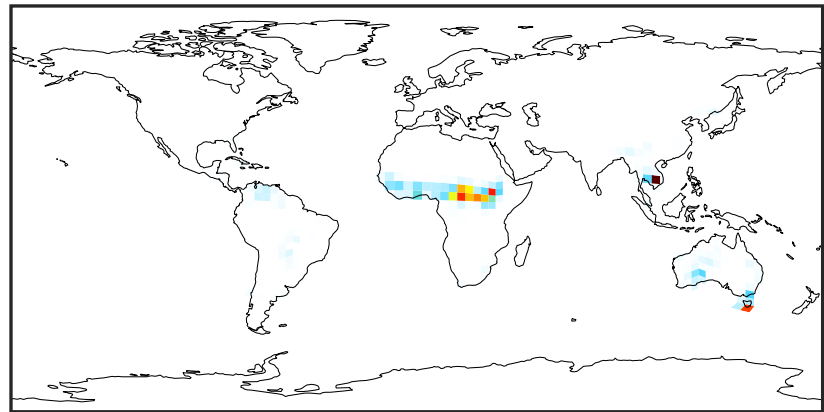


Ratio (1x1.25)
Dev/Ref, Fixed Range

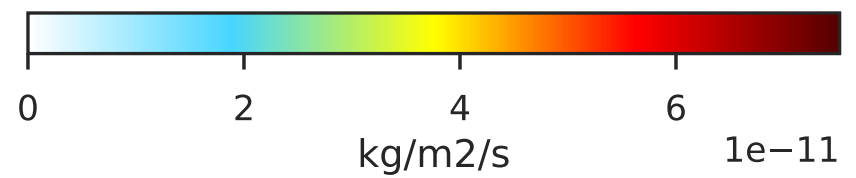
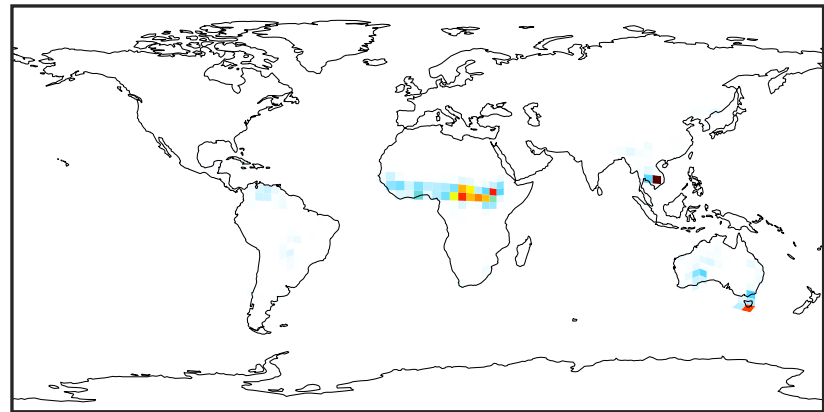


EmisOCPO_BioBurn (Jan2019)

GCHP_14.0.0 (Ref)
c24



GCHP_14.2.0 (Dev)
c24



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



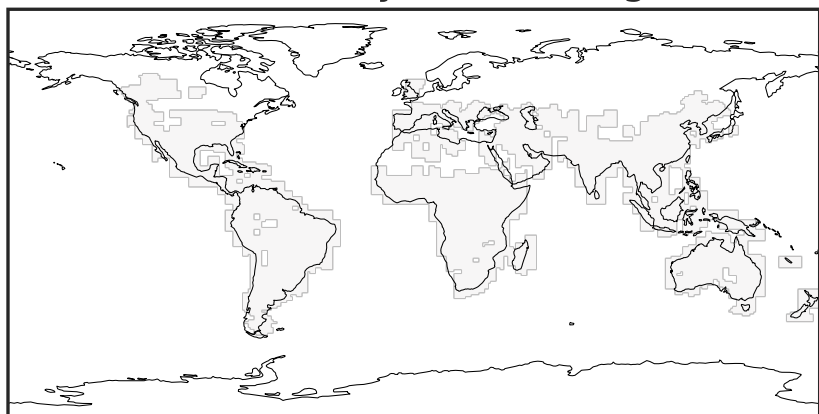
Zero throughout domain
kg/m²/s

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



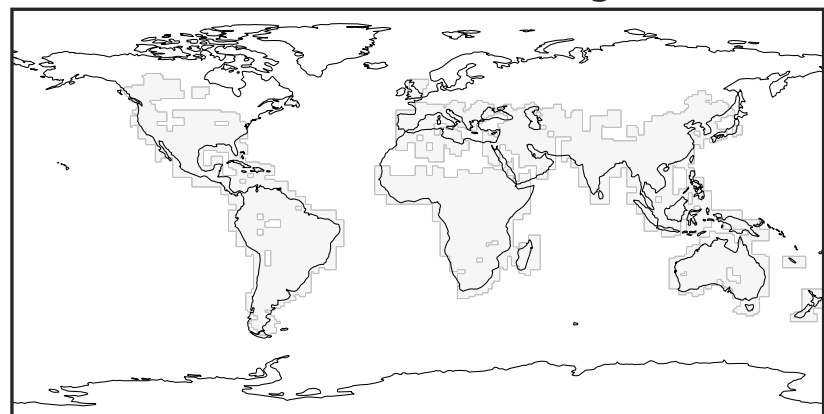
Zero throughout domain
kg/m²/s

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



Ref and Dev equal throughout domain
unitless

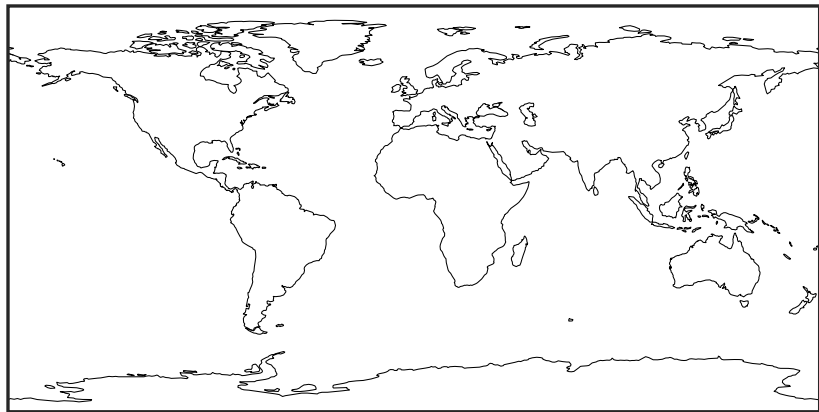
Ratio (1x1.25)
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless

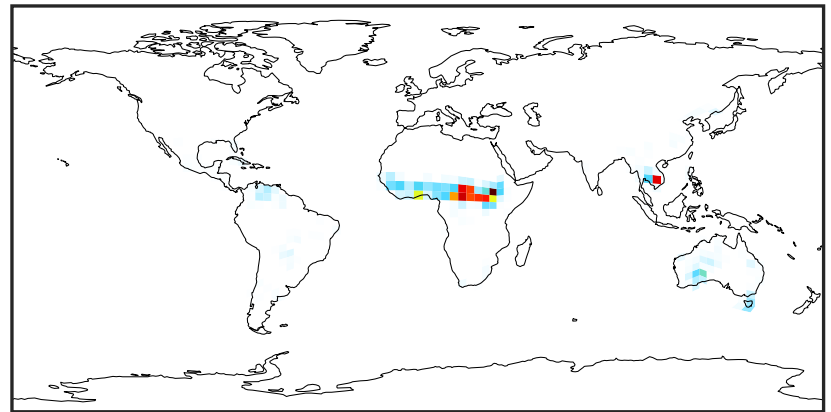
EmisPHEN_BioBurn (Jan2019)

GCHP_14.0.0 (Ref)
c24



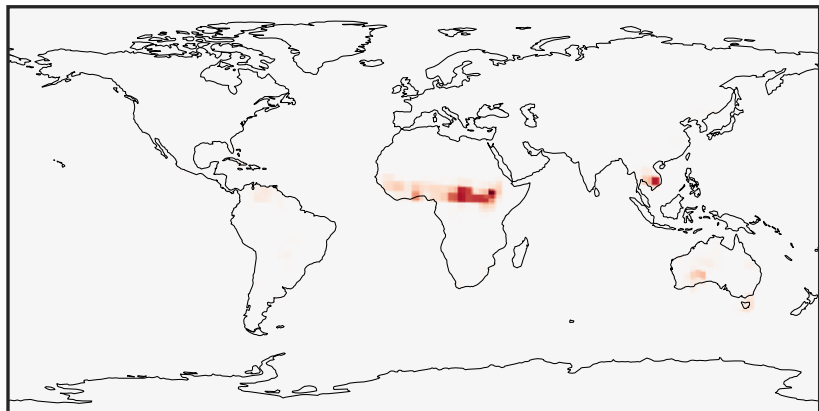
Zero throughout domain
kg/m²/s

GCHP_14.2.0 (Dev)
c24



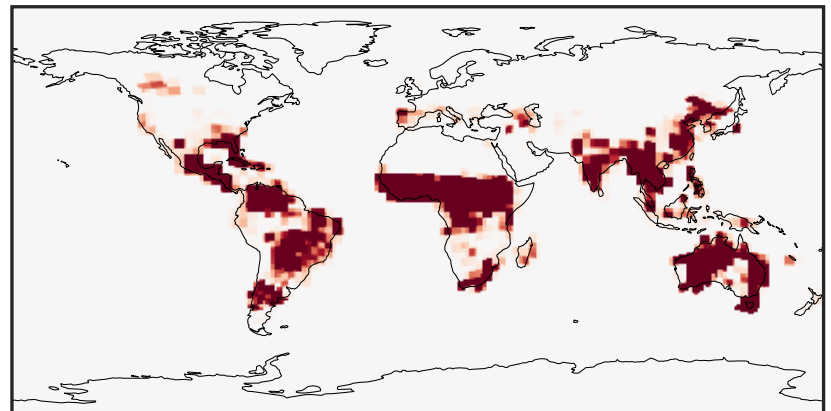
0.0 0.5 1.0 1.5
kg/m²/s 1e-11

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



-1 0 1
kg/m²/s 1e-11

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



-2 0 2
kg/m²/s 1e-14

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



Undefined throughout domain
unitless

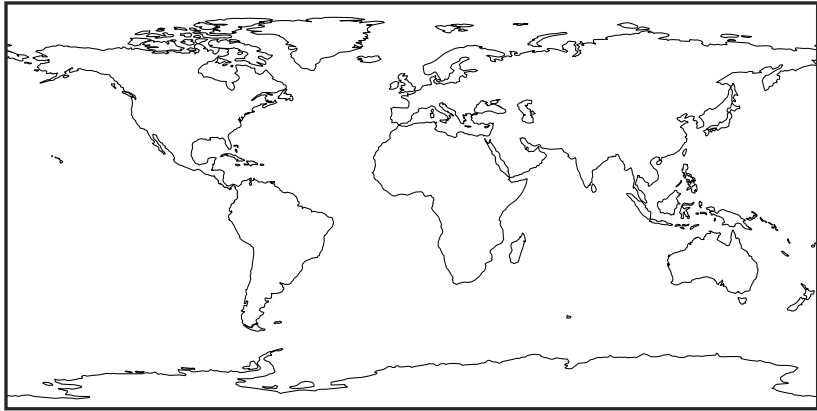
Ratio (1x1.25)
Dev/Ref, Fixed Range



Undefined throughout domain
unitless

EmisPOG1_BioBurn (Jan2019)

GCHP_14.0.0 (Ref)
c24



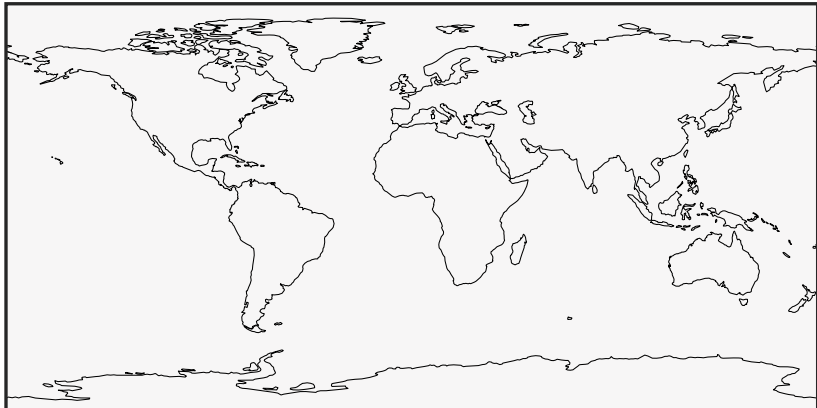
Zero throughout domain
kg/m²/s

GCHP_14.2.0 (Dev)
c24



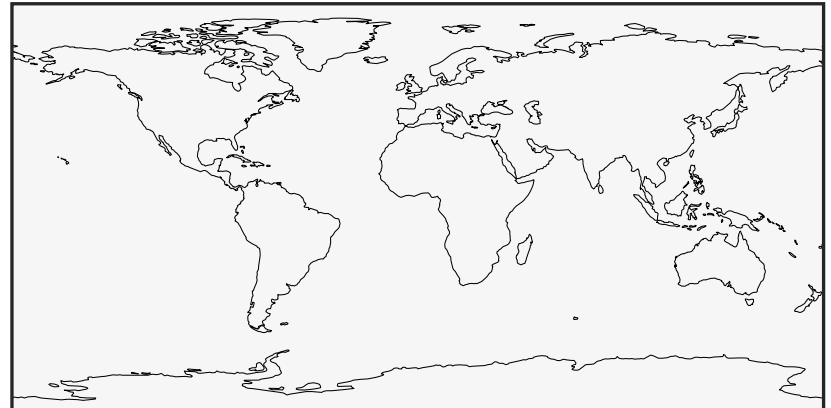
Zero throughout domain
kg/m²/s

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



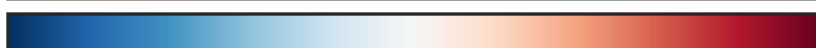
Zero throughout domain
kg/m²/s

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



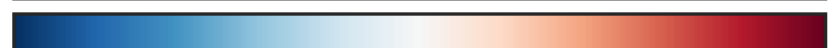
Zero throughout domain
kg/m²/s

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



Undefined throughout domain
unitless

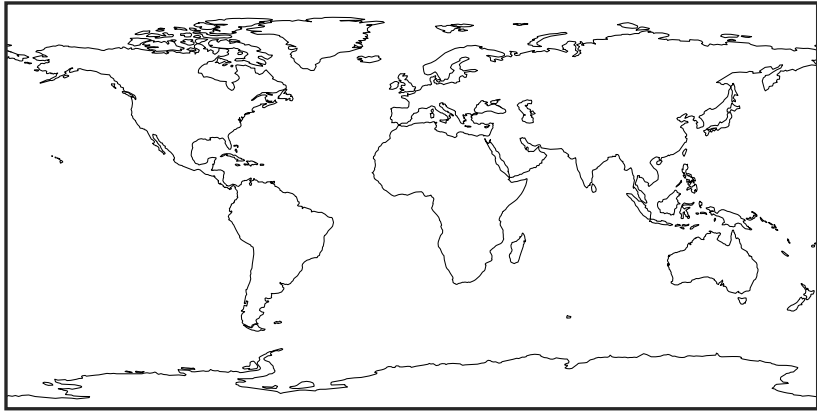
Ratio (1x1.25)
Dev/Ref, Fixed Range



Undefined throughout domain
unitless

EmisPOG2_BioBurn (Jan2019)

GCHP_14.0.0 (Ref)
c24



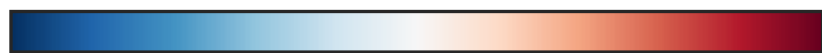
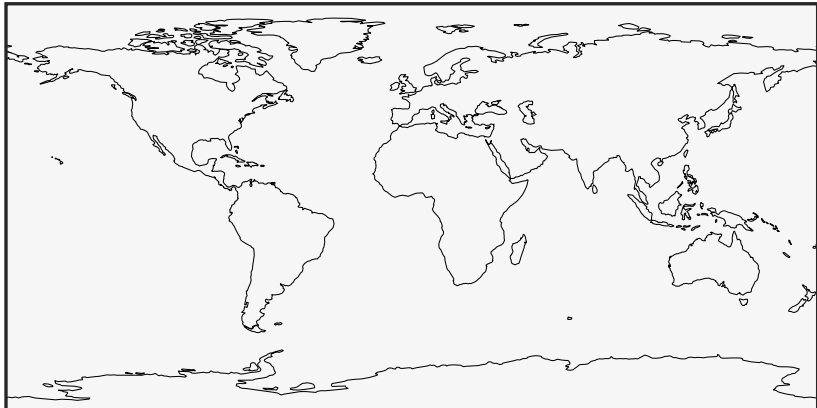
Zero throughout domain
kg/m²/s

GCHP_14.2.0 (Dev)
c24



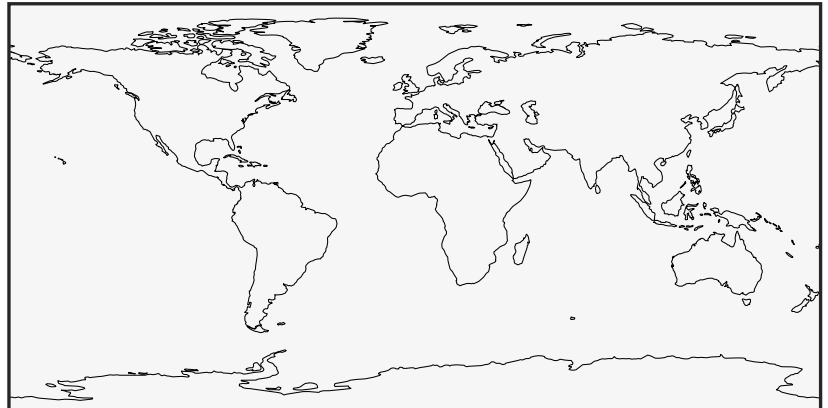
Zero throughout domain
kg/m²/s

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

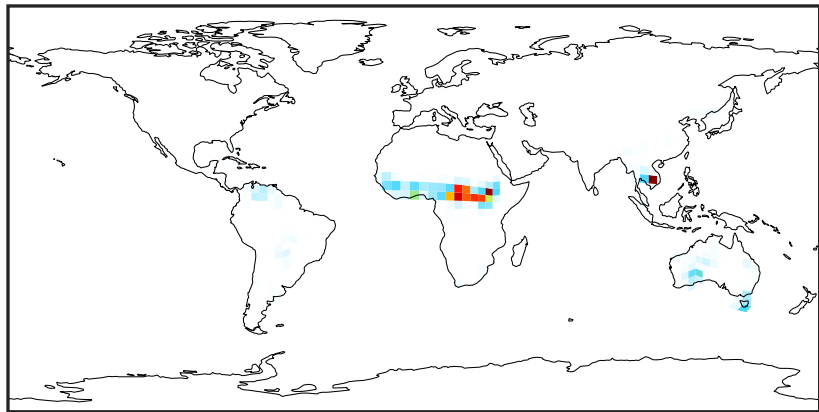
Ratio (1x1.25)
Dev/Ref, Fixed Range



Undefined throughout domain
unitless

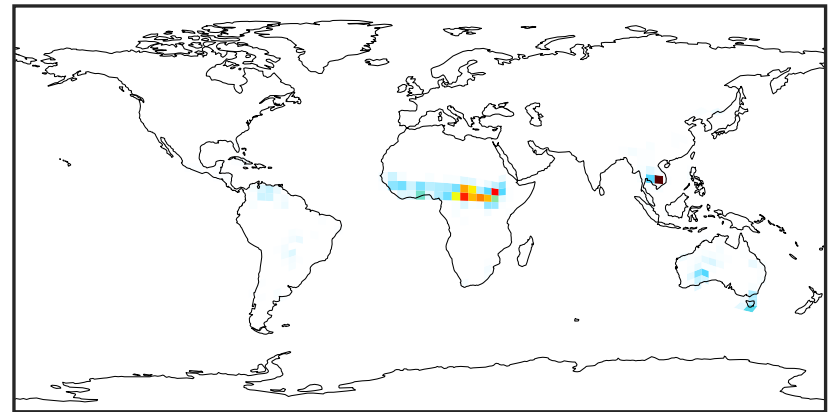
EmisPRPE_BioBurn (Jan2019)

GCHP_14.0.0 (Ref)
c24



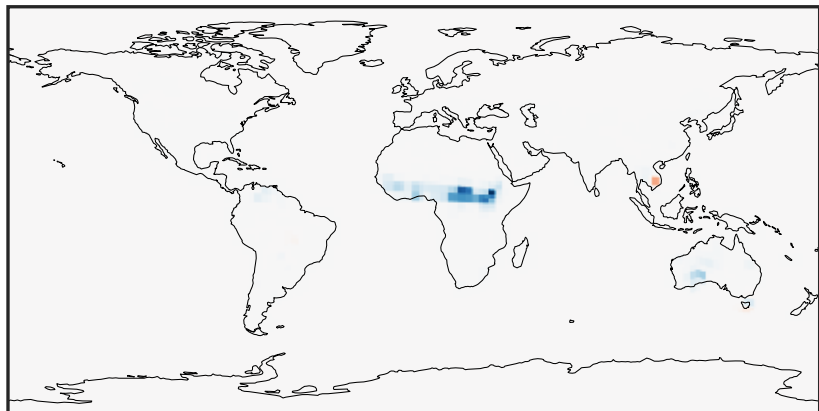
0.0 1.5 3.0 $1e-11$
kg/m²/s

GCHP_14.2.0 (Dev)
c24



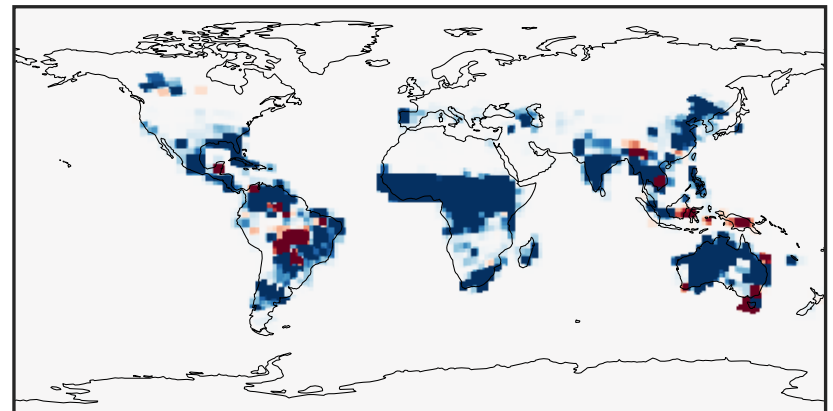
0.0 1.5 3.0 $1e-11$
kg/m²/s

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



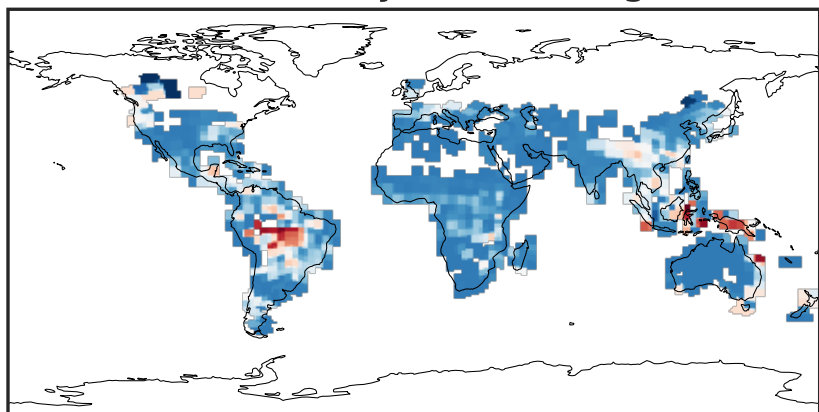
-4 0 4 $1e-12$
kg/m²/s

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



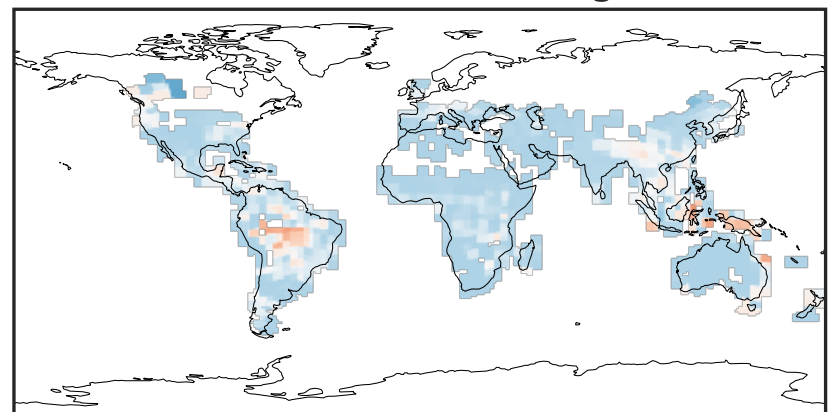
-4 0 4 $1e-15$
kg/m²/s

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



0.7355 0.8677 1.0000 1.1798 1.3596
unitless

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



0.50 0.75 1.00 1.50 2.00
unitless

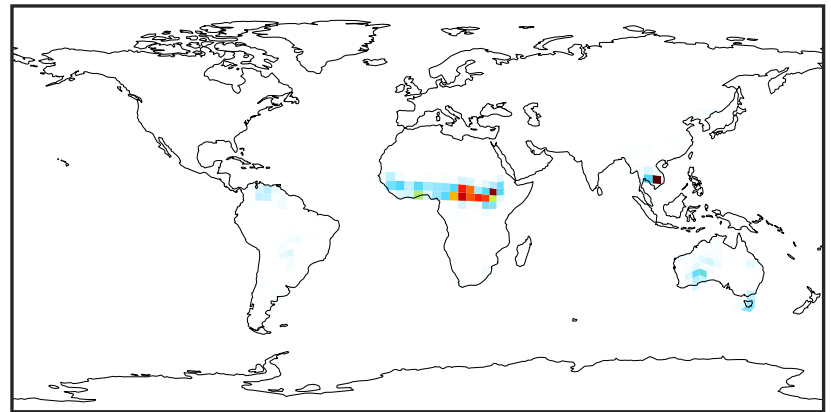
EmisRCHO_BioBurn (Jan2019)

GCHP_14.0.0 (Ref)
c24



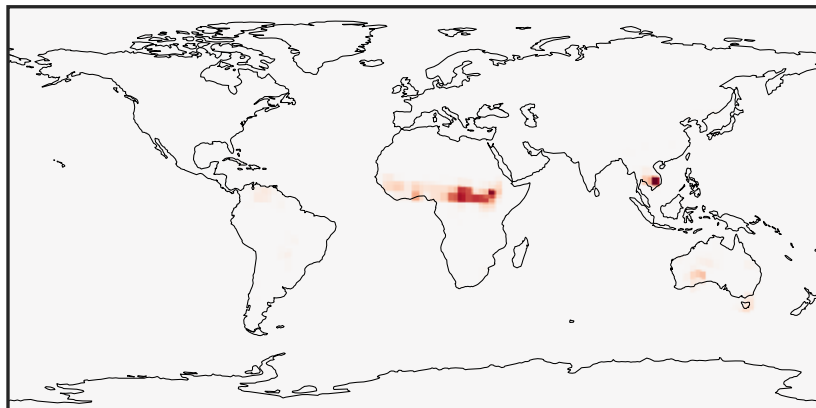
Zero throughput domain
kg/m²/s

GCHP_14.2.0 (Dev)
c24



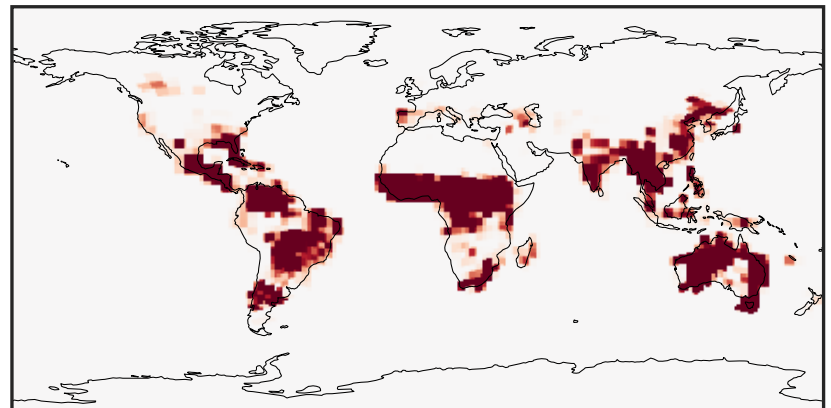
0.0 1.5 3.0 4.5
kg/m²/s 1e-11

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



-3 0 3
kg/m²/s 1e-11

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



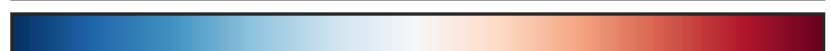
-6 0 6
kg/m²/s 1e-14

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



Undefined throughput domain
unitless

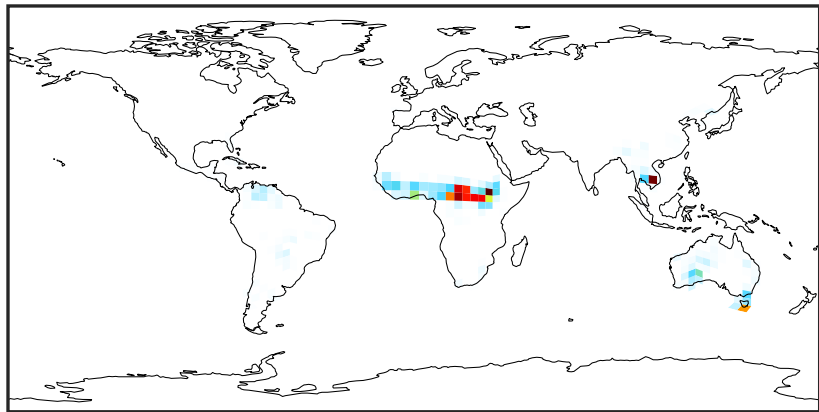
Ratio (1x1.25)
Dev/Ref, Fixed Range



Undefined throughput domain
unitless

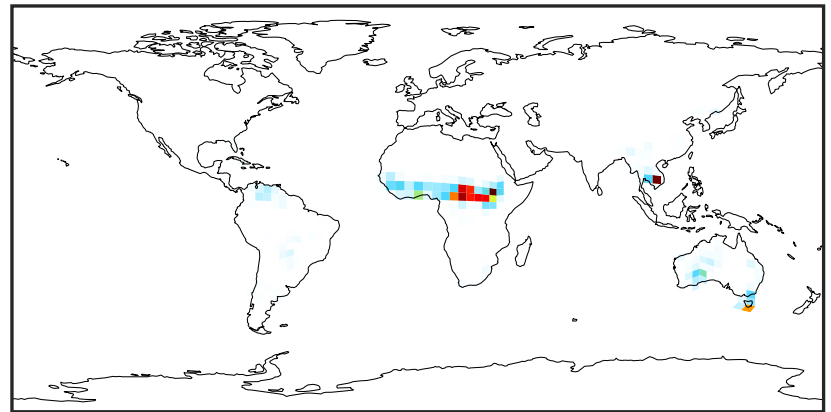
EmisSO2_BioBurn (Jan2019)

GCHP_14.0.0 (Ref)
c24



0.0 0.5 1.0 1.5 $1e-11$
kg/m²/s

GCHP_14.2.0 (Dev)
c24



0.0 0.5 1.0 1.5 $1e-11$
kg/m²/s

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



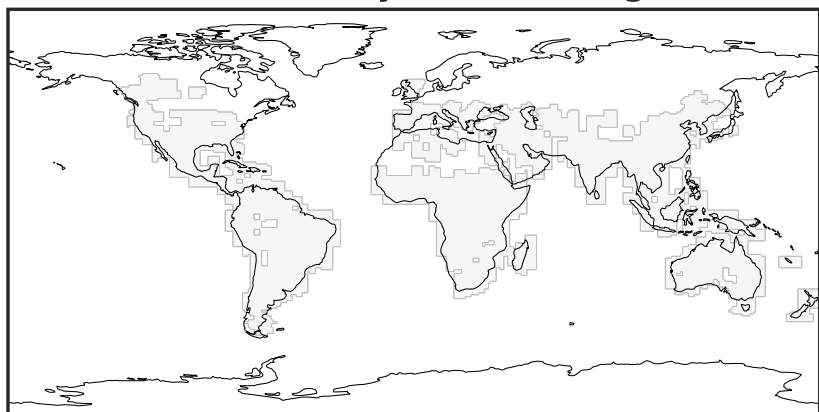
Zero throughout domain
kg/m²/s

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



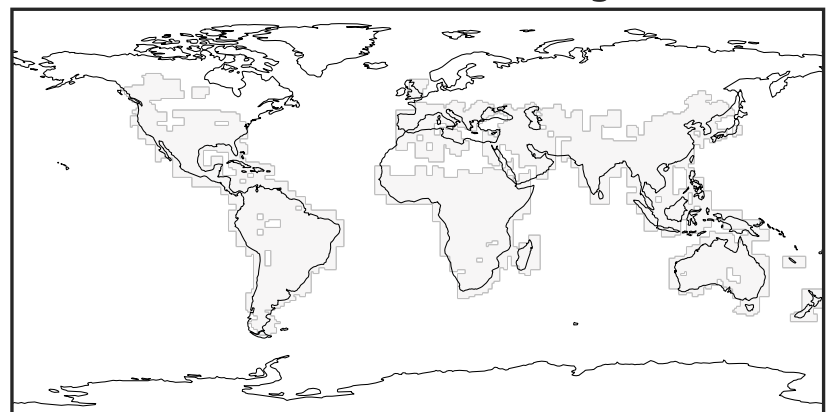
Zero throughout domain
kg/m²/s

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



Ref and Dev equal throughout domain
unitless

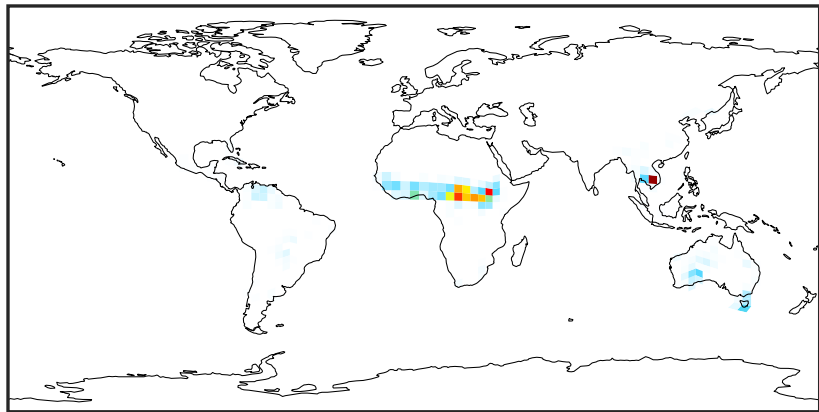
Ratio (1x1.25)
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless

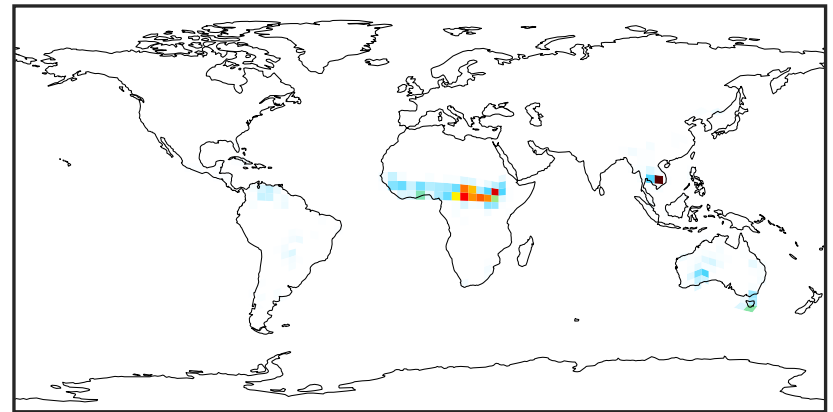
EmisSOAP_BioBurn (Jan2019)

GCHP_14.0.0 (Ref)
c24



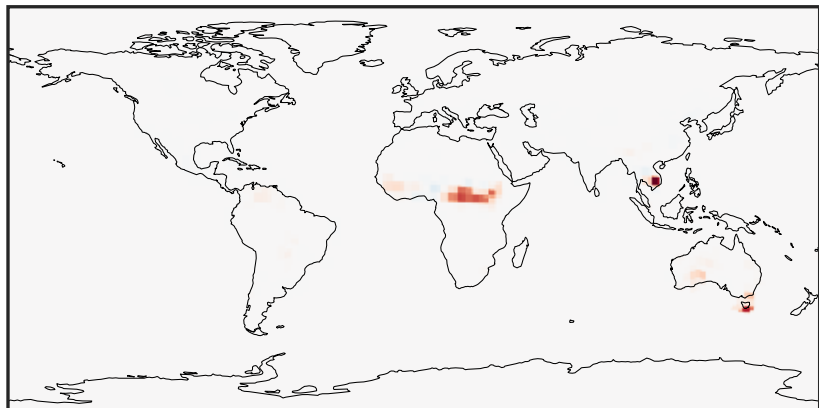
0.0 1.5 3.0 4.5
kg/m²/s 1e-11

GCHP_14.2.0 (Dev)
c24



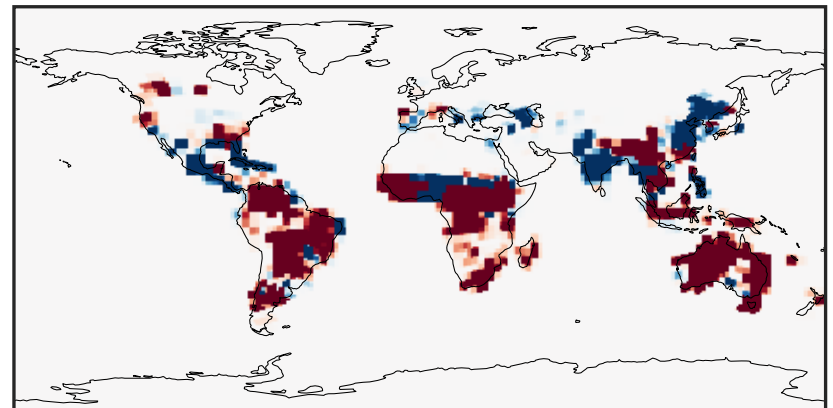
0.0 1.5 3.0 4.5
kg/m²/s 1e-11

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



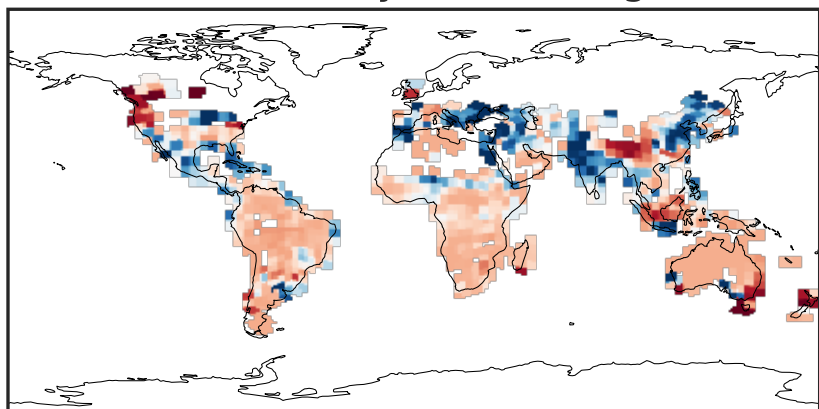
-2.5 0.0 2.5
kg/m²/s 1e-12

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



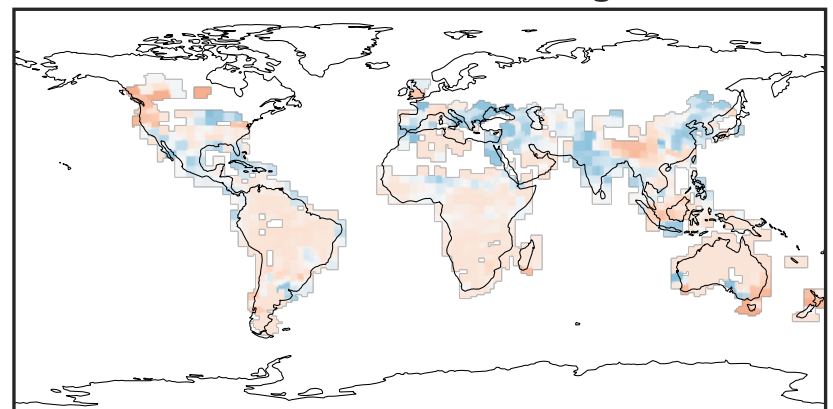
-1.5 0.0 1.5
kg/m²/s 1e-15

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



0.7787 0.8894 1.0000 1.1421 1.2841
unitless

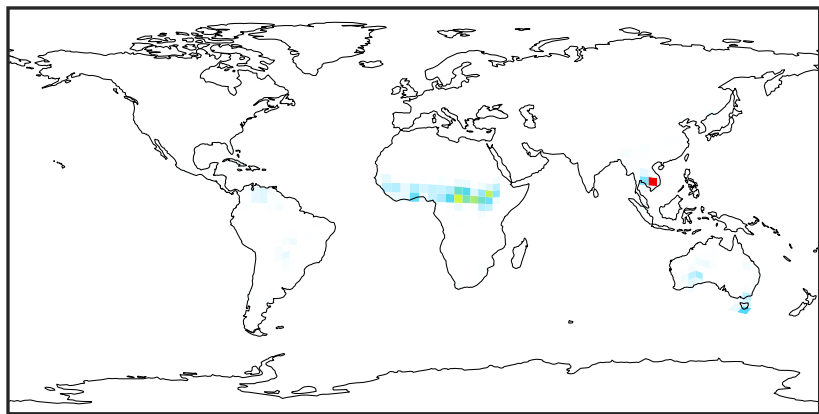
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

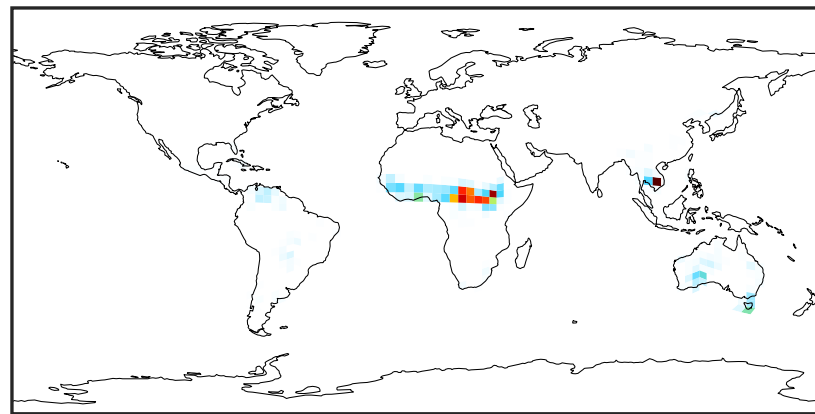
EmisTOLU_BioBurn (Jan2019)

GCHP_14.0.0 (Ref)
c24



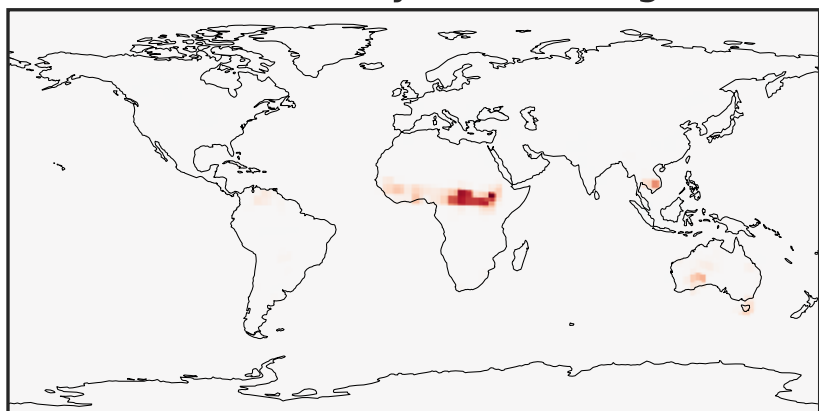
0.0 2.5 5.0 7.5
kg/m2/s 1e-12

GCHP_14.2.0 (Dev)
c24



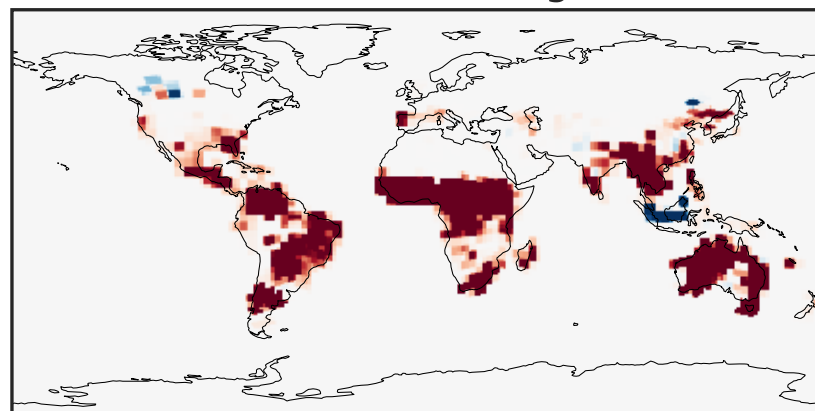
0.0 2.5 5.0 7.5
kg/m2/s 1e-12

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



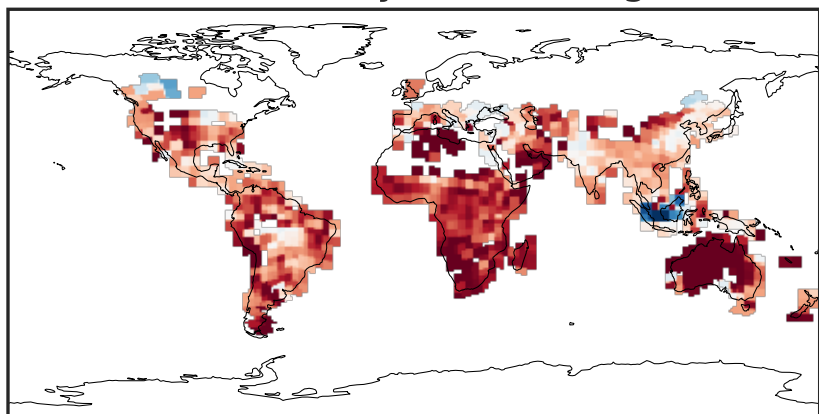
-2.5 0.0 2.5
kg/m2/s 1e-12

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



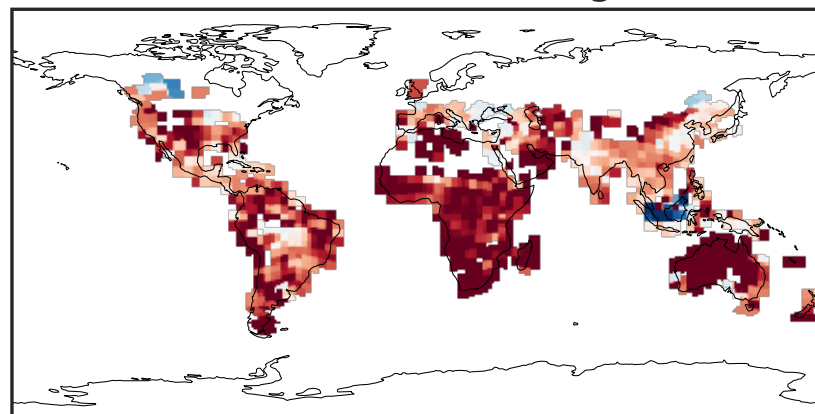
-2.5 0.0 2.5
kg/m2/s 1e-15

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



0.421 0.711 1.000 1.688 2.375
unitless

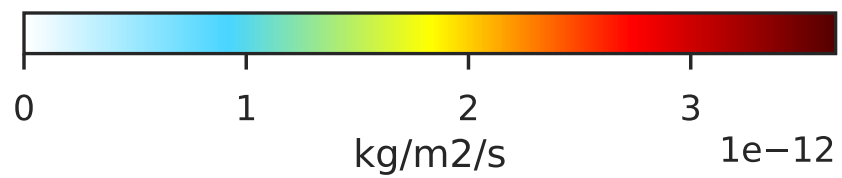
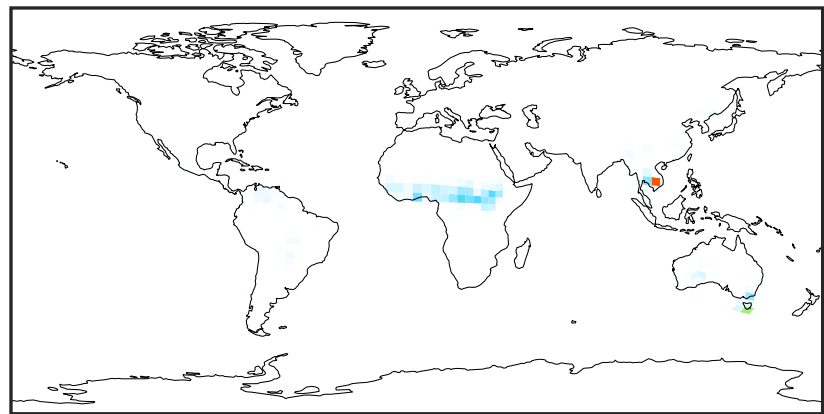
Ratio (1x1.25)
Dev/Ref, Fixed Range



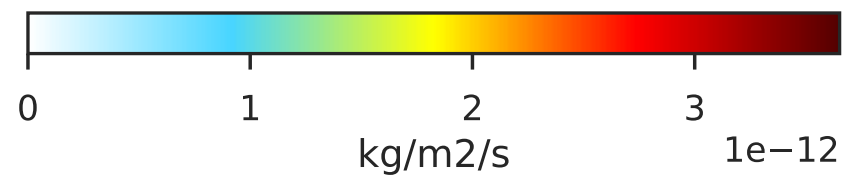
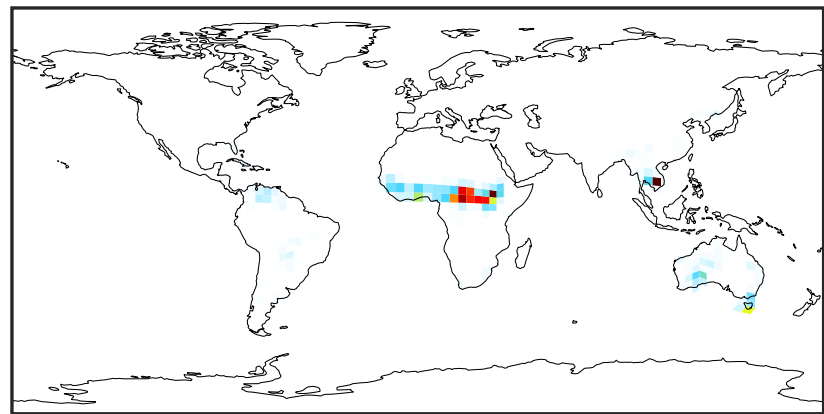
0.50 0.75 1.00 1.50 2.00
unitless

EmisXYLE_BioBurn (Jan2019)

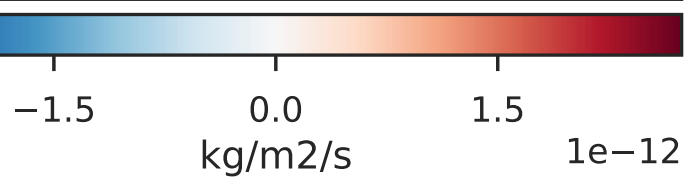
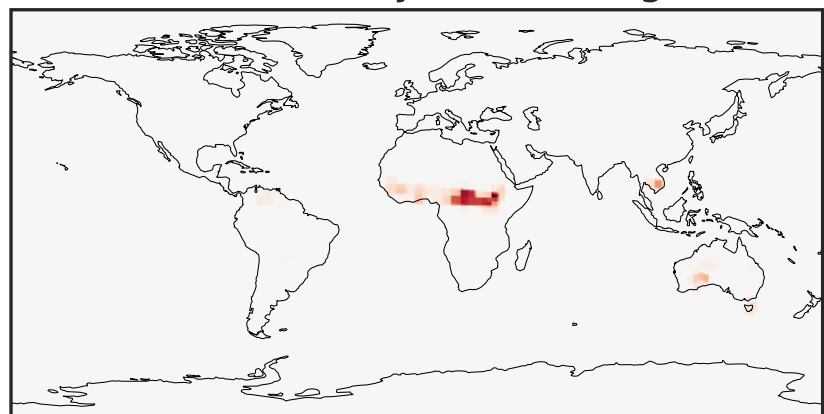
GCHP_14.0.0 (Ref)
c24



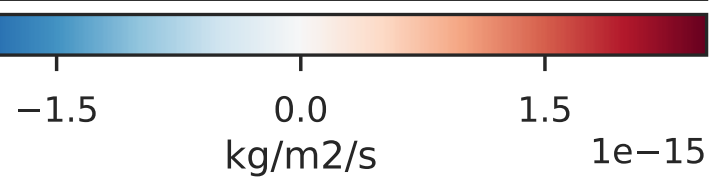
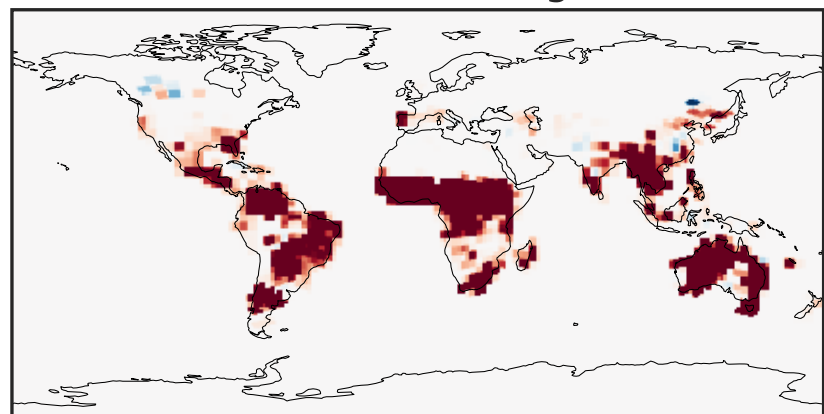
GCHP_14.2.0 (Dev)
c24



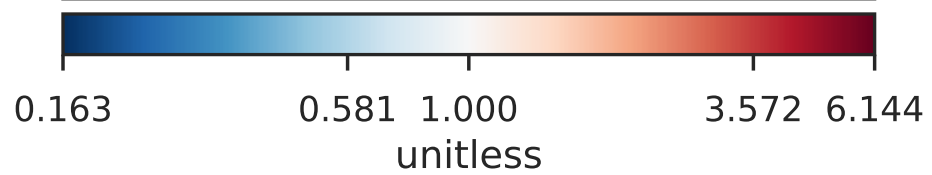
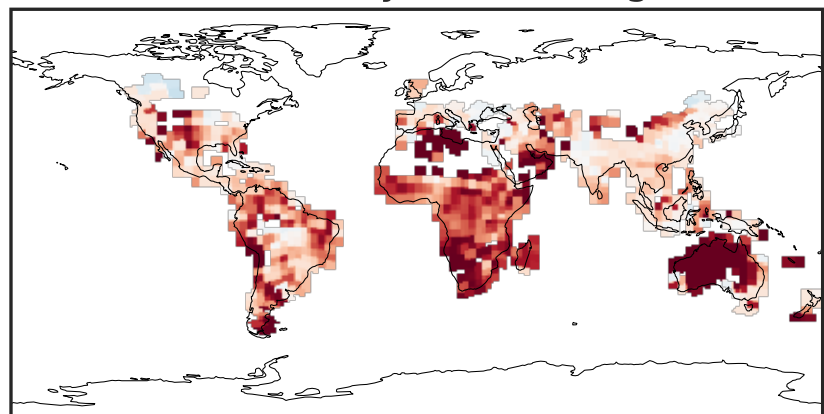
Difference (1x1.25)
Dev - Ref, Dynamic Range



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



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



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

