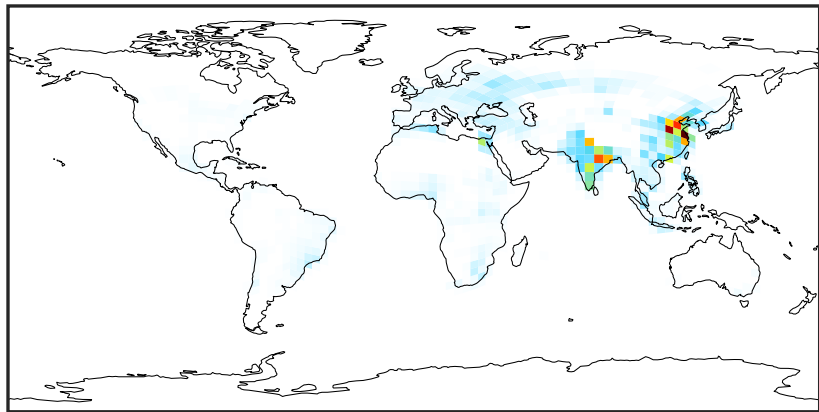


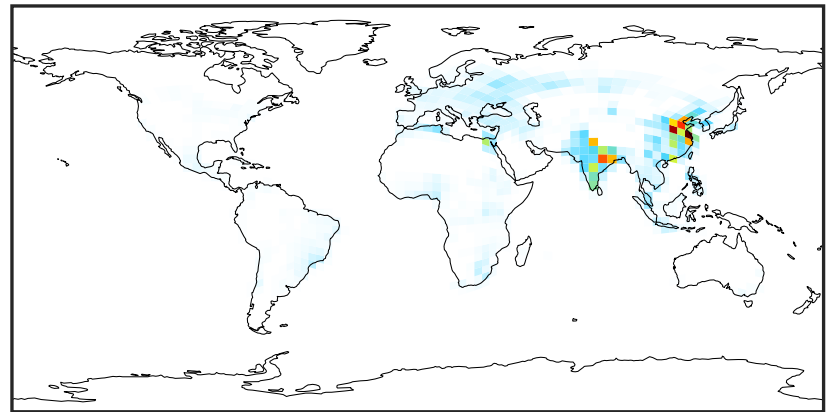
EmisDST1_Anthro (AnnualMean)

GCHP_14.0.0 (Ref)
c24



0.0 2.5 5.0 7.5 1e-11
kg/m2/s

GCHP_14.2.0 (Dev)
c24



0.0 2.5 5.0 7.5 1e-11
kg/m2/s

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



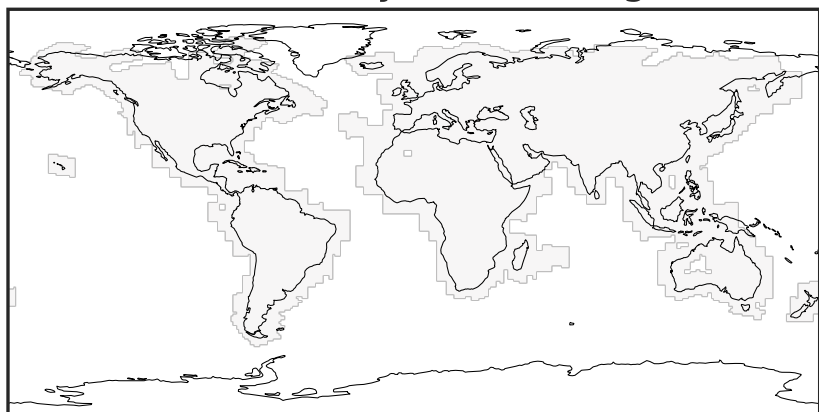
Zero throughout domain
kg/m2/s

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



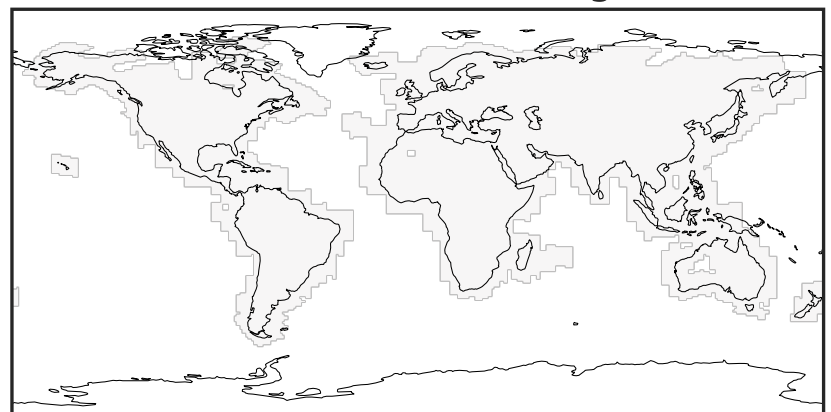
Zero throughout domain
kg/m2/s

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



Ref and Dev equal throughout domain
unitless

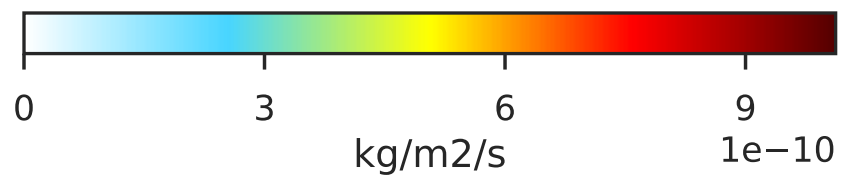
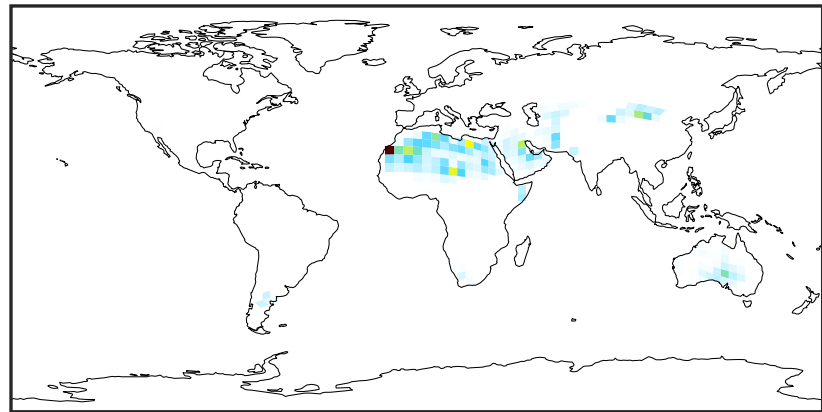
Ratio (1x1.25)
Dev/Ref, Fixed Range



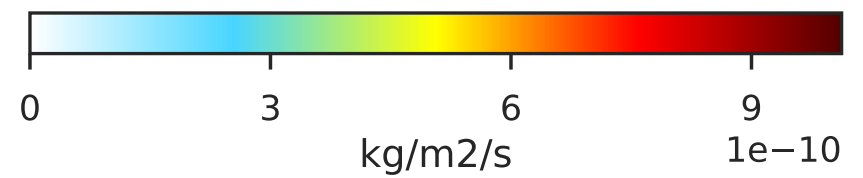
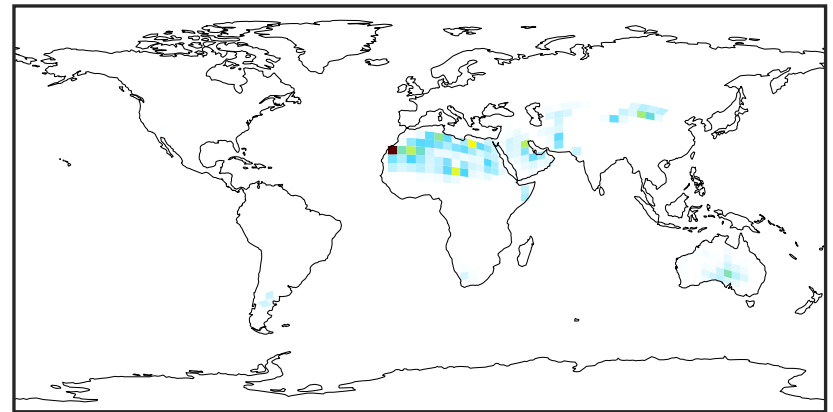
Ref and Dev equal throughout domain
unitless

EmisDST1_Natural (AnnualMean)

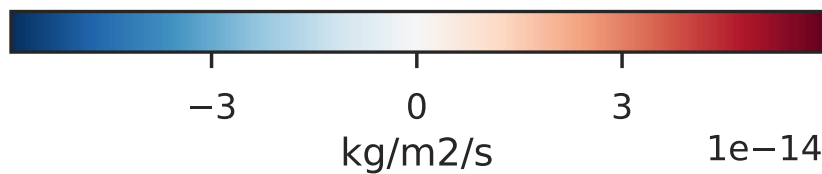
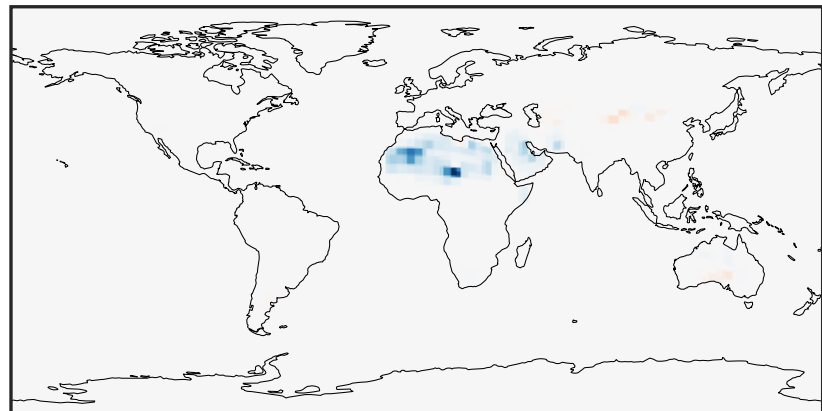
GCHP_14.0.0 (Ref)
c24



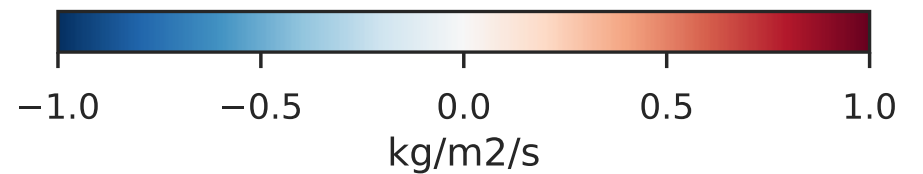
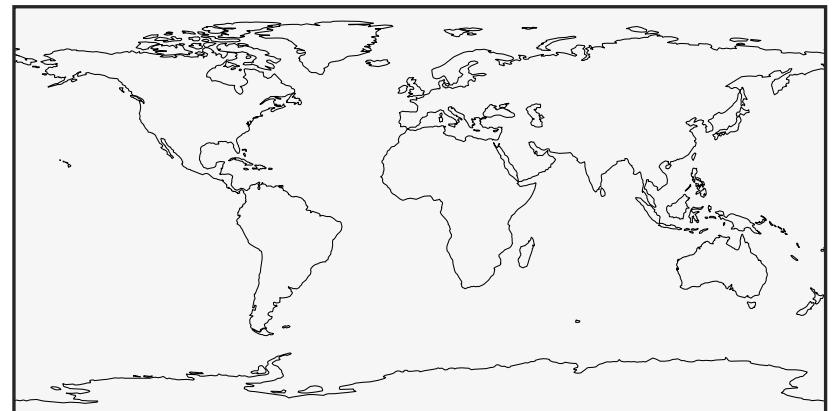
GCHP_14.2.0 (Dev)
c24



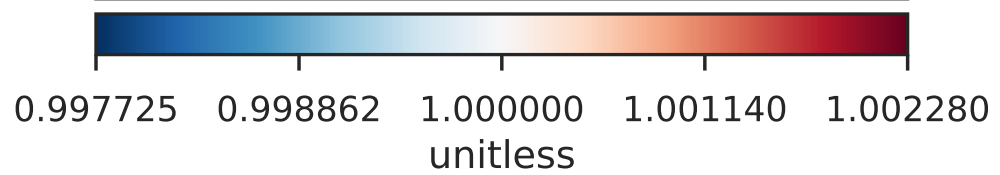
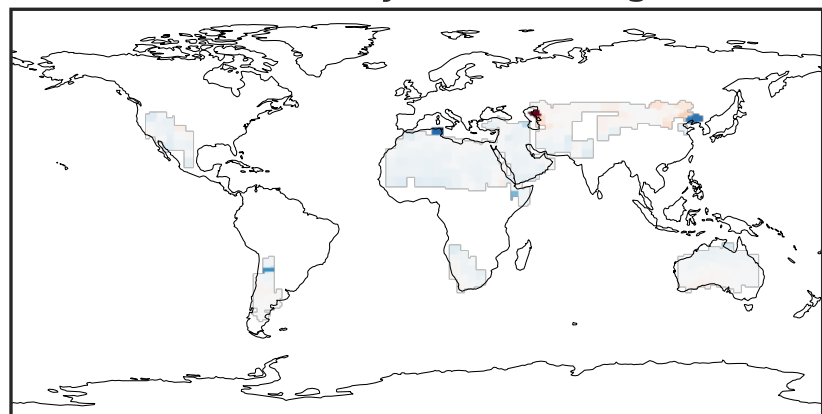
Difference (1x1.25)
Dev - Ref, Dynamic Range



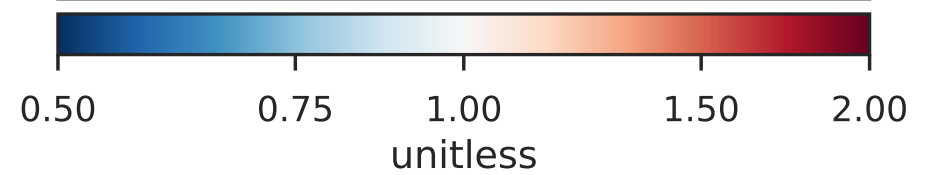
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

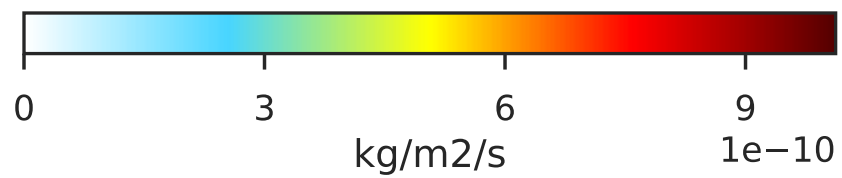
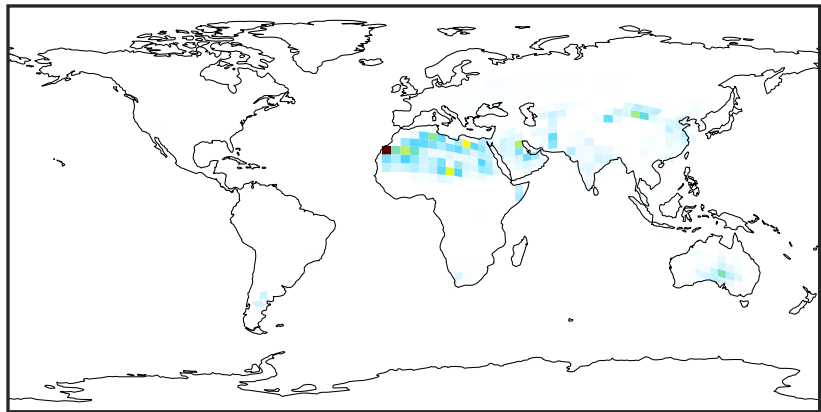


Ratio (1x1.25)
Dev/Ref, Fixed Range

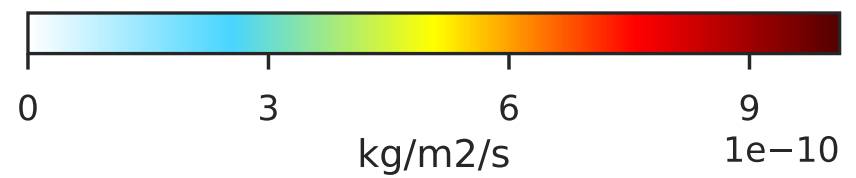
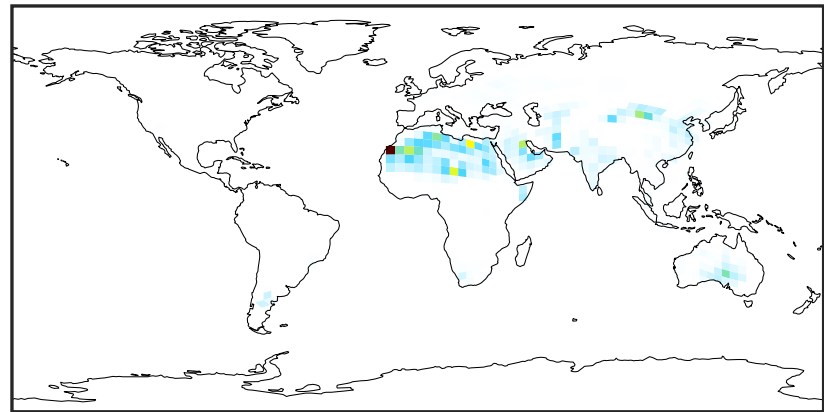


EmisDST1_Total (AnnualMean)

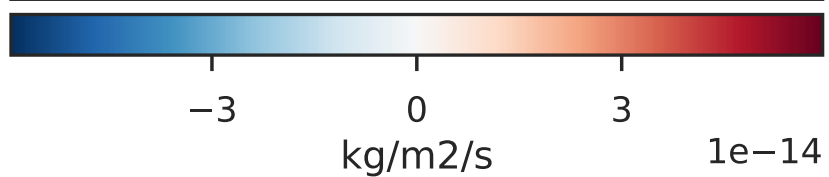
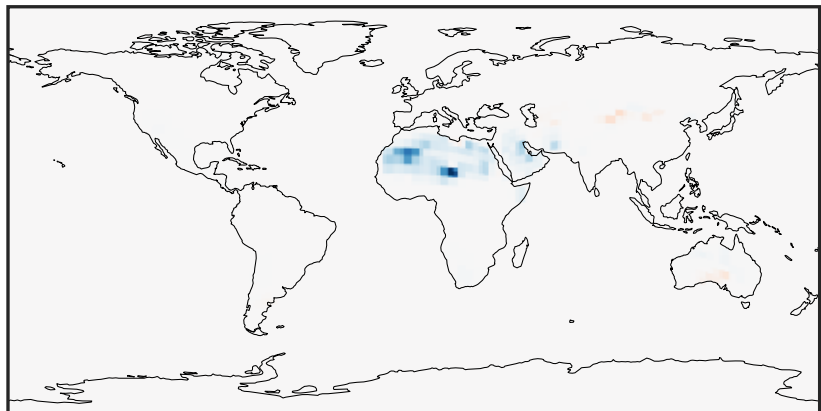
GCHP_14.0.0 (Ref)
c24



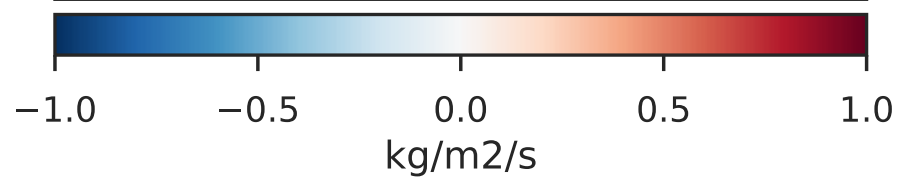
GCHP_14.2.0 (Dev)
c24



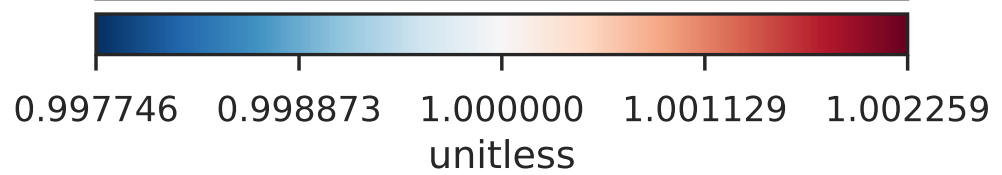
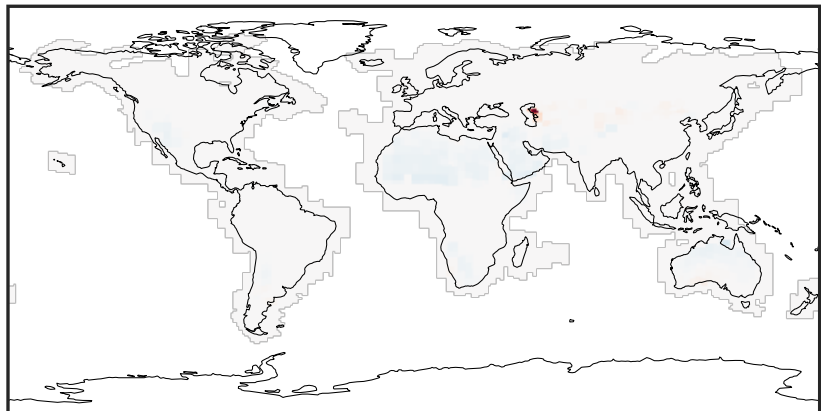
Difference (1x1.25)
Dev - Ref, Dynamic Range



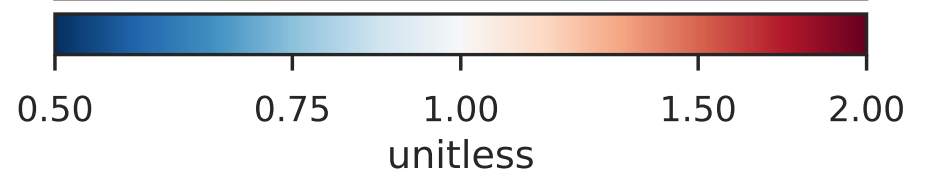
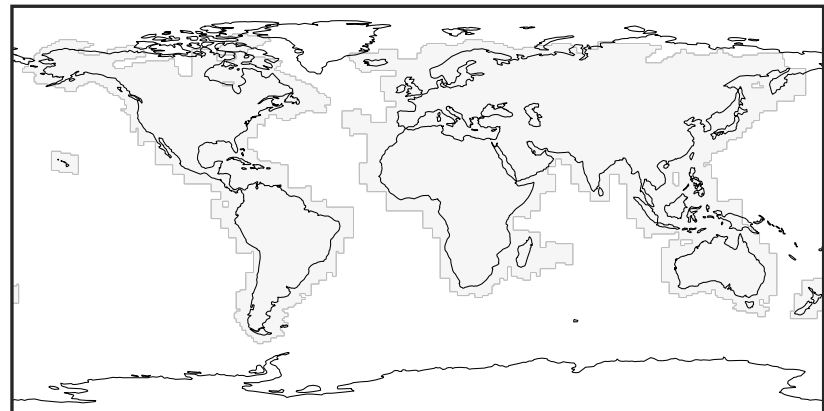
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

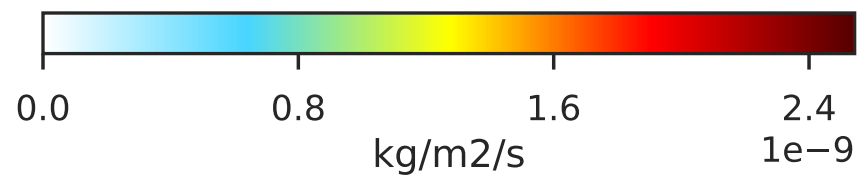
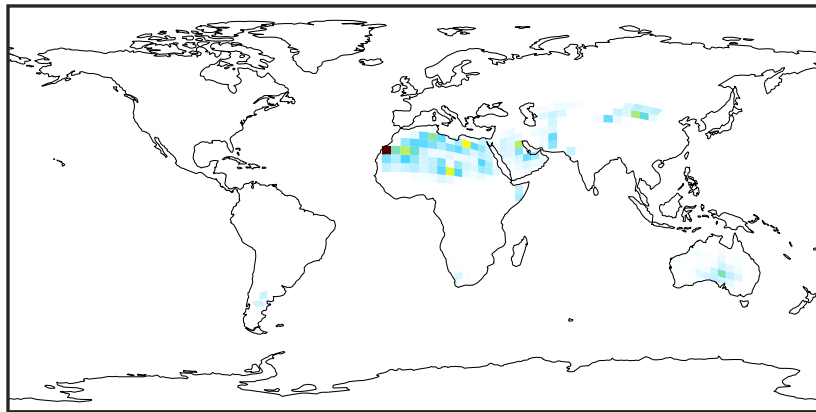


Ratio (1x1.25)
Dev/Ref, Fixed Range

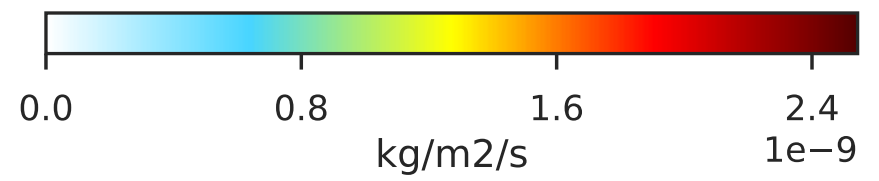
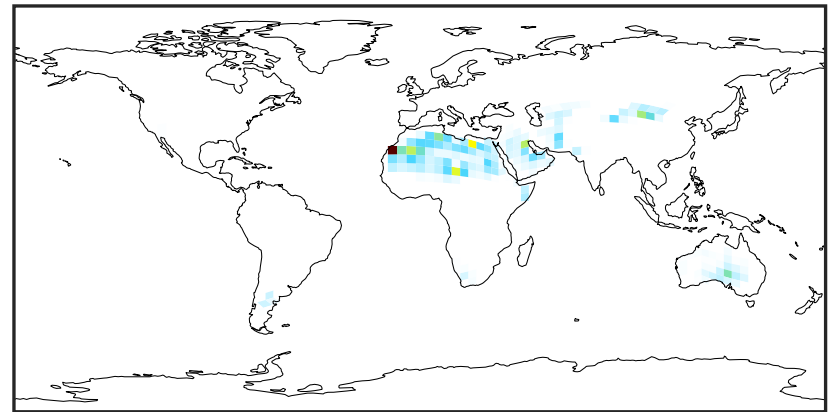


EmisDST2_Natural (AnnualMean)

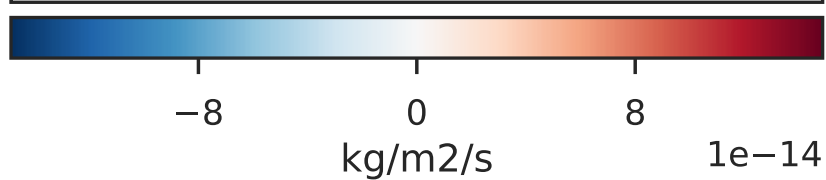
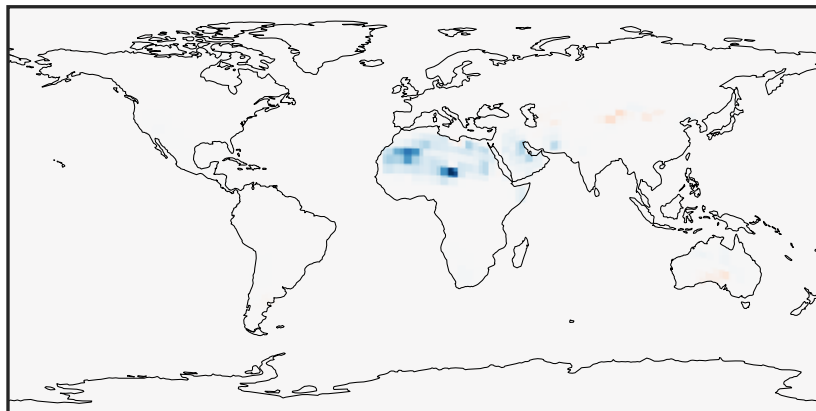
GCHP_14.0.0 (Ref)
c24



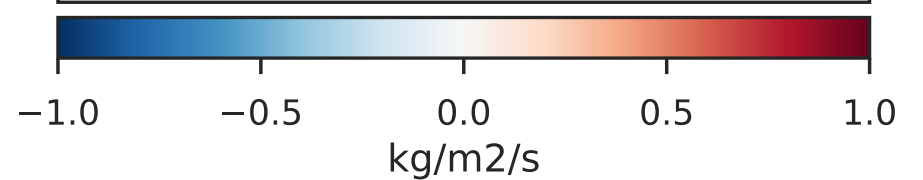
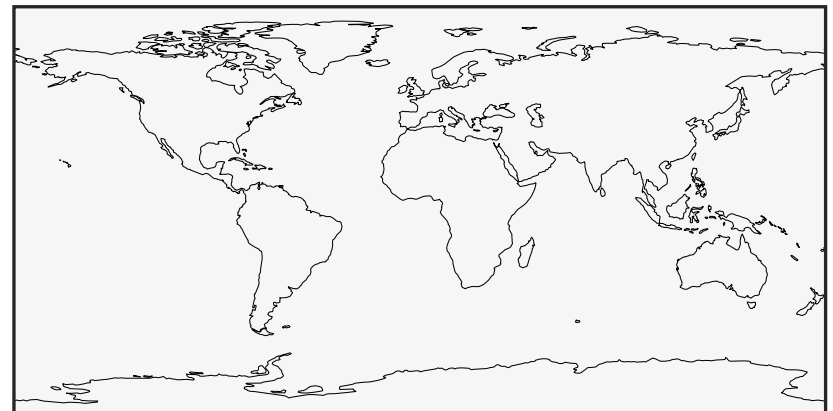
GCHP_14.2.0 (Dev)
c24



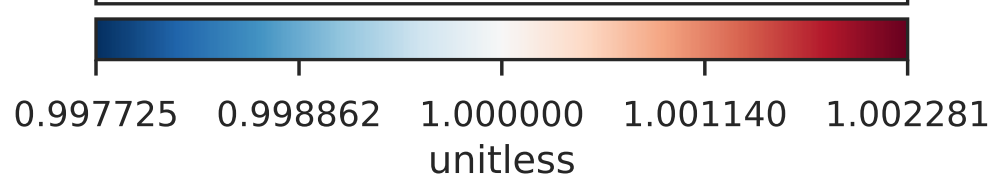
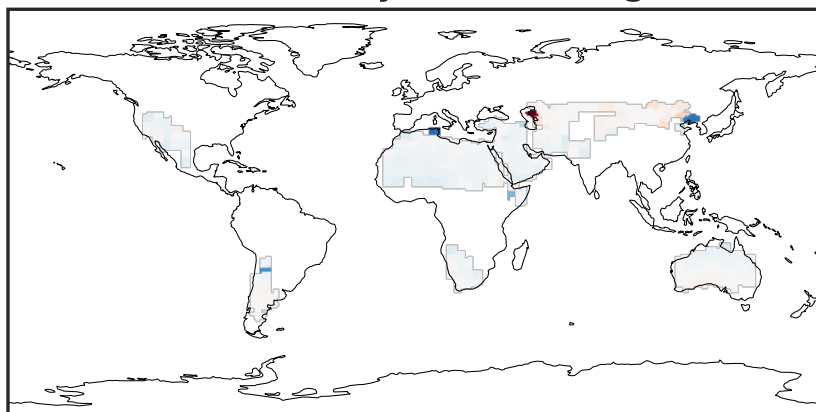
Difference (1x1.25)
Dev - Ref, Dynamic Range



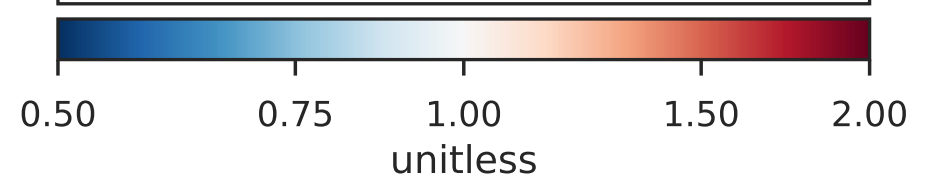
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

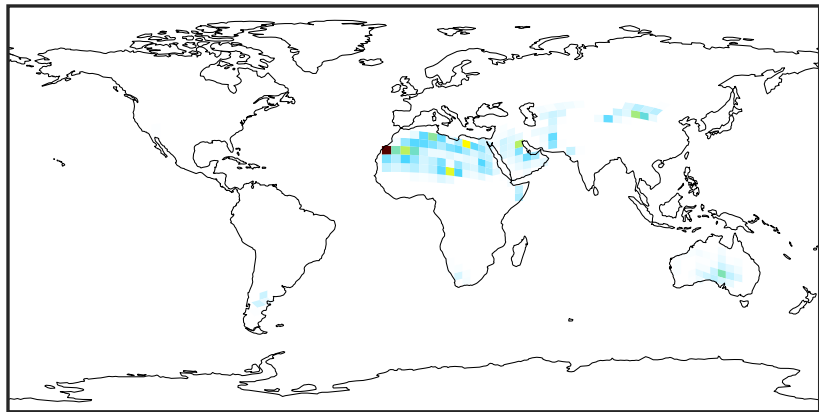


Ratio (1x1.25)
Dev/Ref, Fixed Range



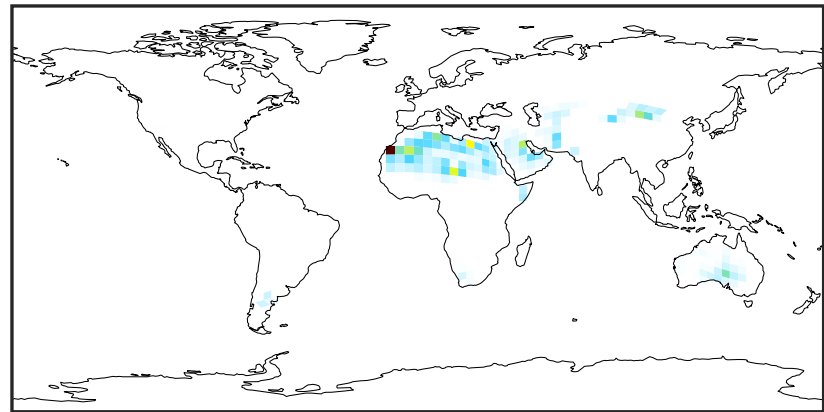
EmisDST3_Natural (AnnualMean)

GCHP_14.0.0 (Ref)
c24



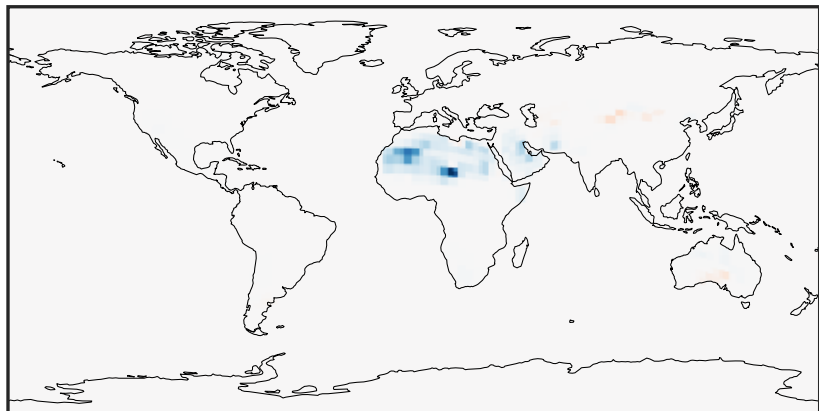
0.0 1.5 3.0 4.5
kg/m²/s 1e-9

GCHP_14.2.0 (Dev)
c24



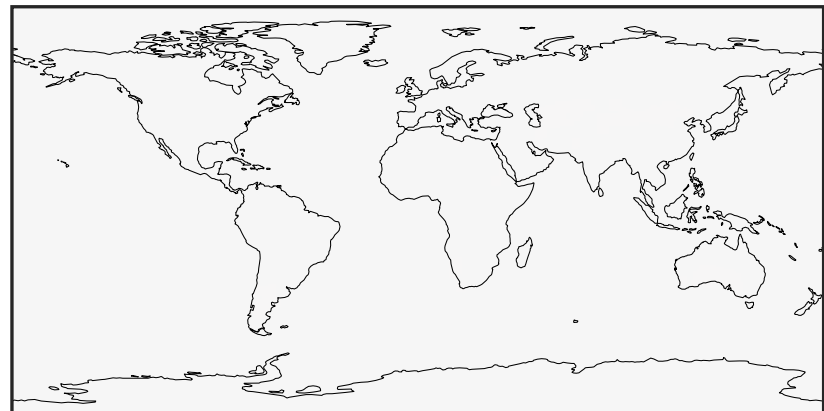
0.0 1.5 3.0 4.5
kg/m²/s 1e-9

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



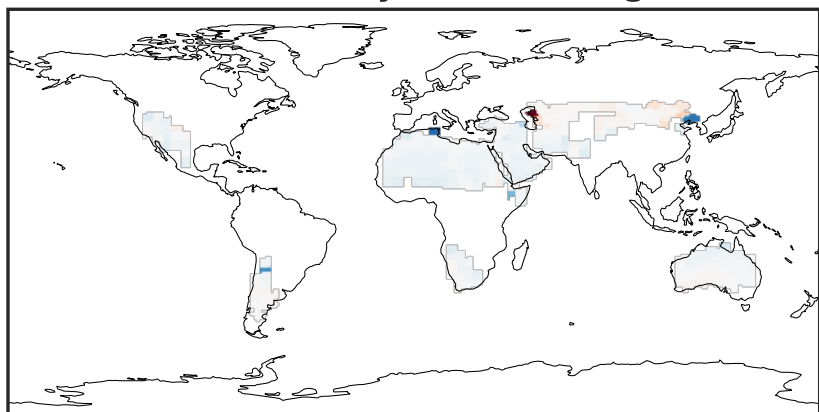
-1.5 0.0 1.5
kg/m²/s 1e-13

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



-1.0 -0.5 0.0 0.5 1.0
kg/m²/s

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



0.997725 0.998862 1.000000 1.001140 1.002280
unitless

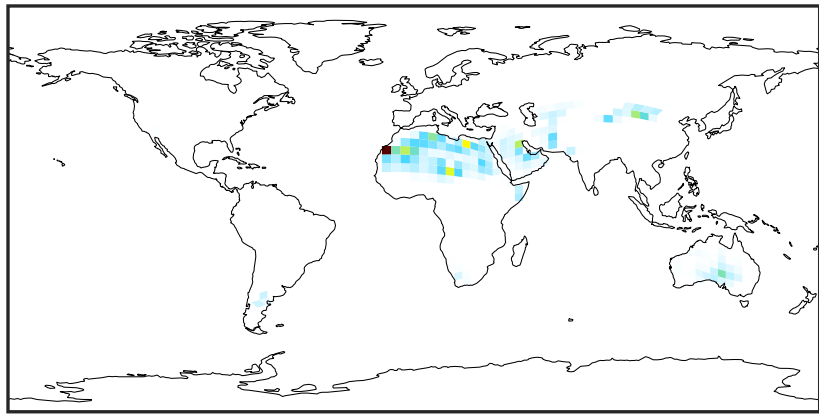
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

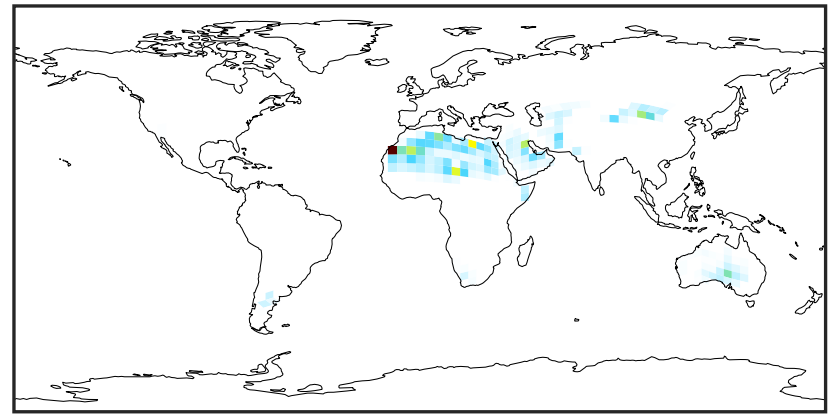
EmisDST4_Natural (AnnualMean)

GCHP_14.0.0 (Ref)
c24



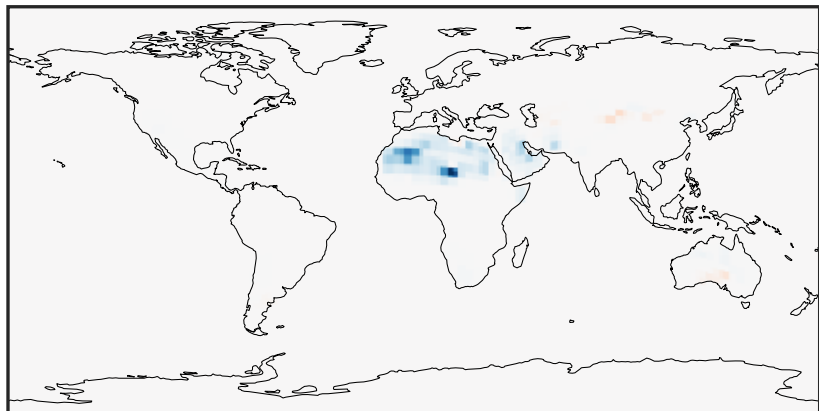
0.0 1.5 3.0 4.5
kg/m²/s 1e-9

GCHP_14.2.0 (Dev)
c24



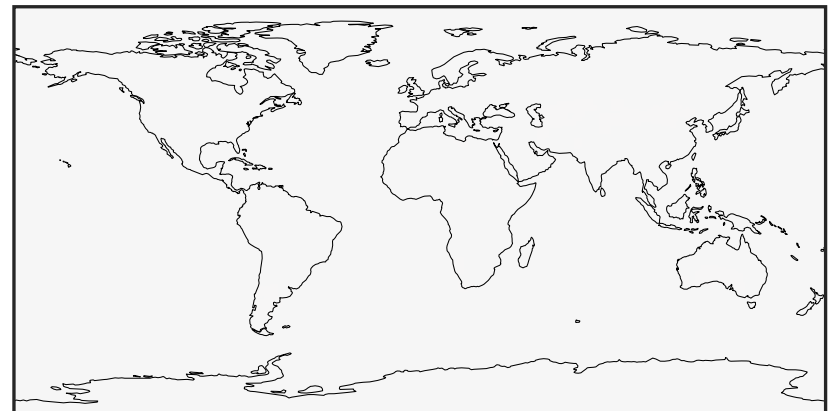
0.0 1.5 3.0 4.5
kg/m²/s 1e-9

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



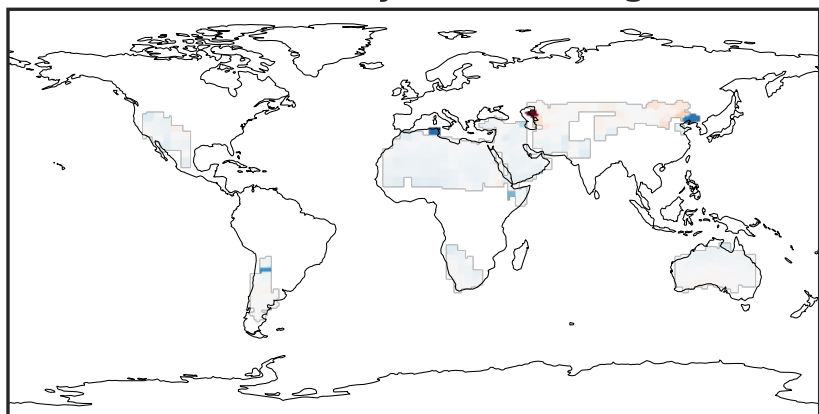
-1.5 0.0 1.5
kg/m²/s 1e-13

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



-1.0 -0.5 0.0 0.5 1.0
kg/m²/s

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



0.997725 0.998862 1.000000 1.001140 1.002280
unitless

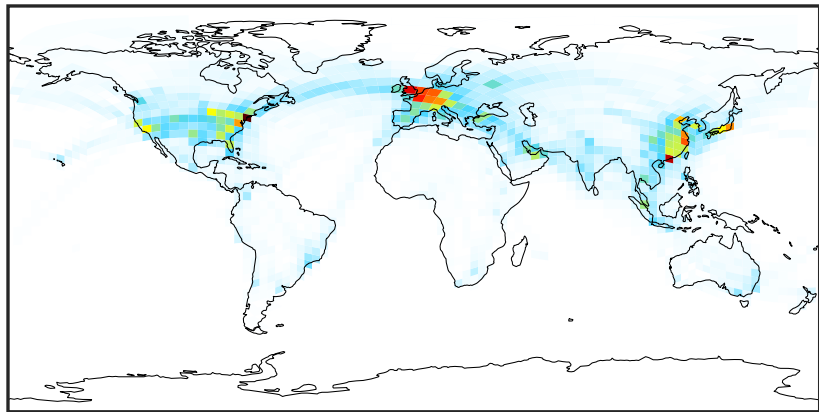
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

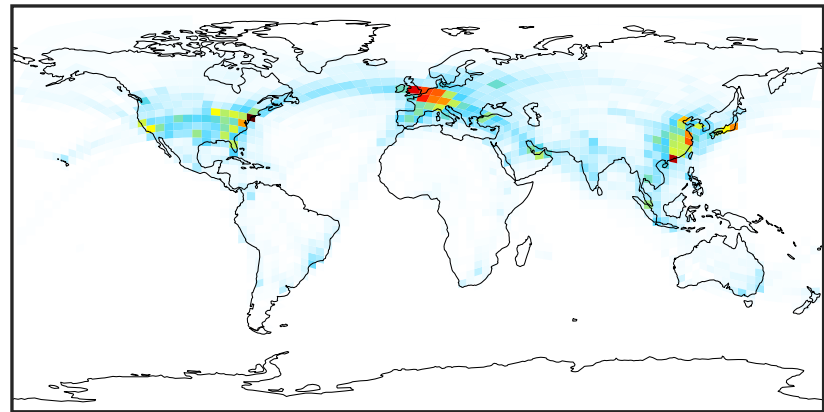
EmisSO4_Aircraft (AnnualMean)

GCHP_14.0.0 (Ref)
c24



0.0 0.6 1.2 1.8 $1e-14$
kg/m²/s

GCHP_14.2.0 (Dev)
c24



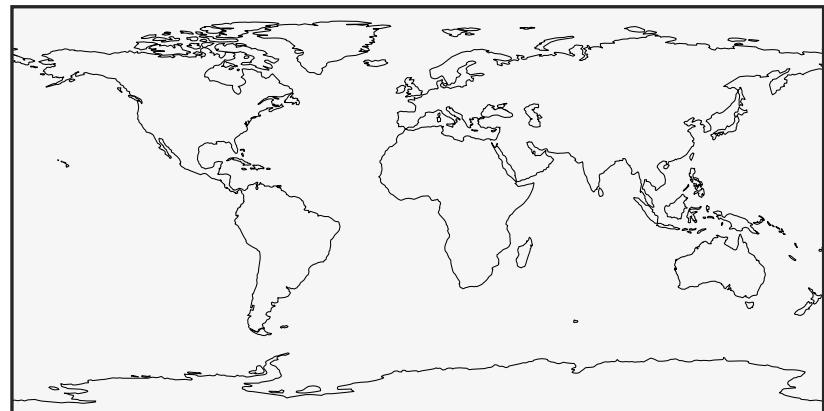
0.0 0.6 1.2 1.8 $1e-14$
kg/m²/s

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



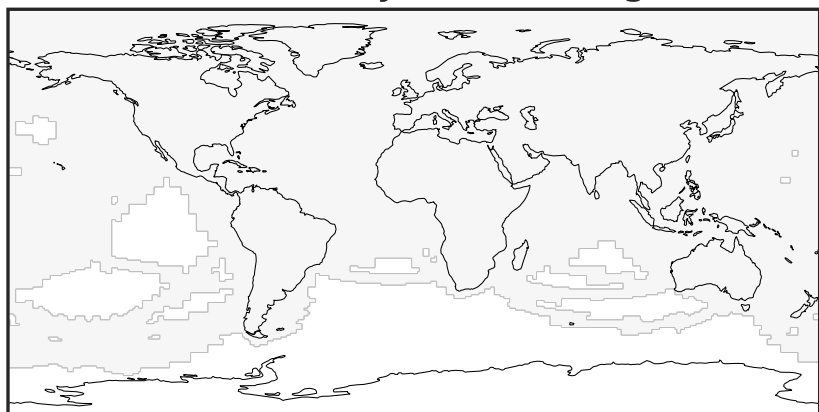
Zero throughout domain
kg/m²/s

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



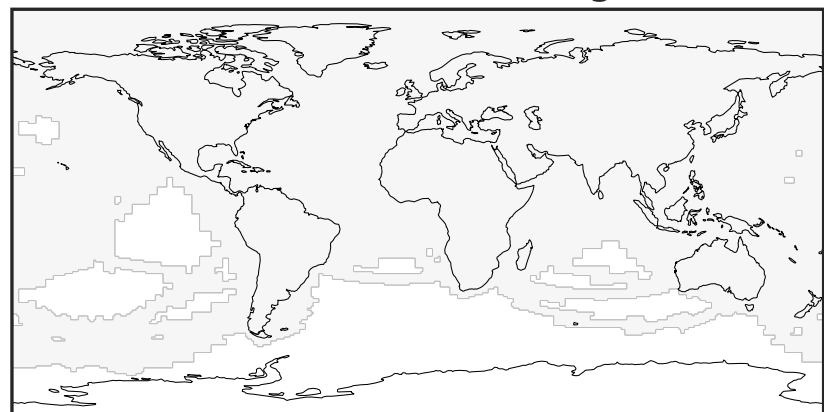
Zero throughout domain
kg/m²/s

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



Ref and Dev equal throughout domain
unitless

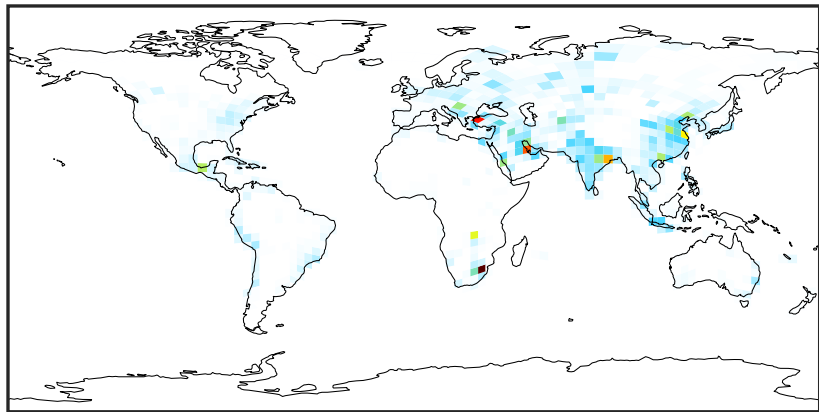
Ratio (1x1.25)
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless

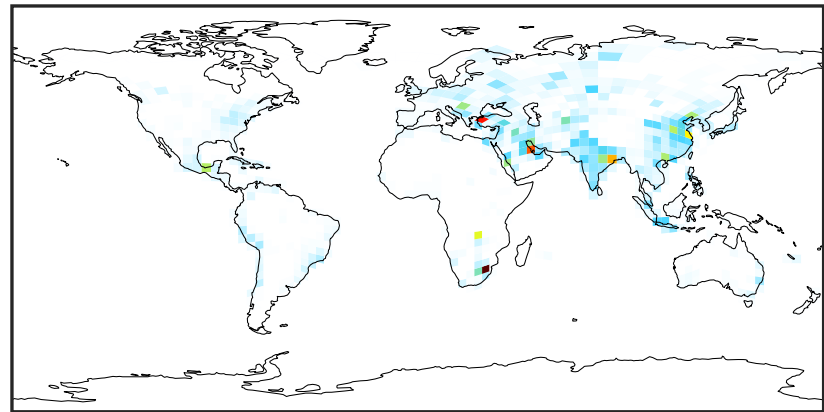
EmisSO4_Anthro (AnnualMean)

GCHP_14.0.0 (Ref)
c24



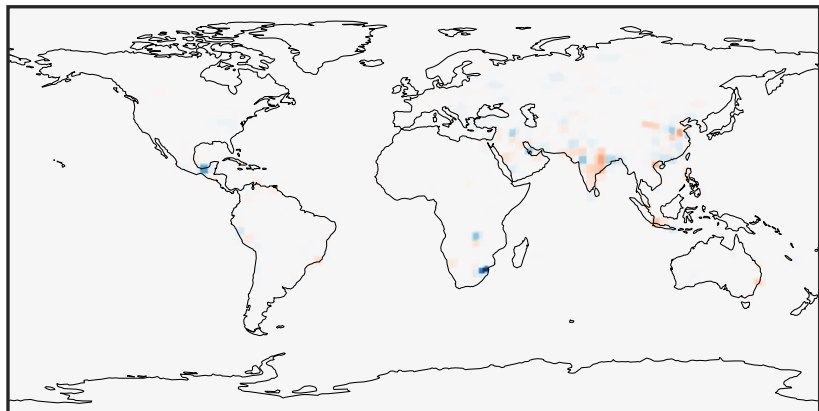
0.0 0.4 0.8 1.2 10^{-11}
kg/m²/s

GCHP_14.2.0 (Dev)
c24



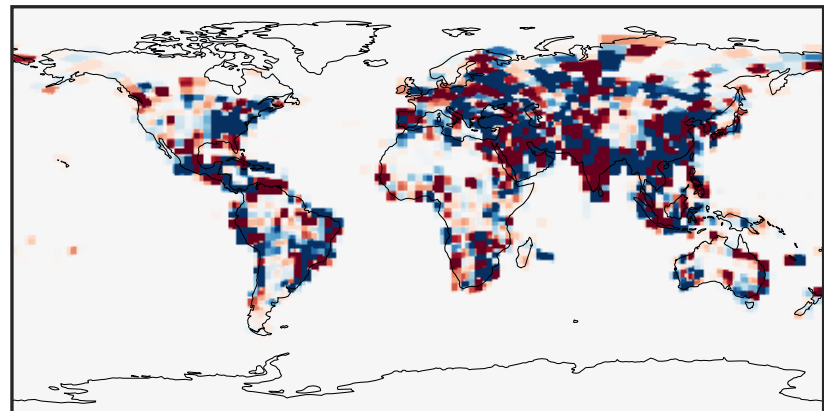
0.0 0.4 0.8 1.2 10^{-11}
kg/m²/s

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



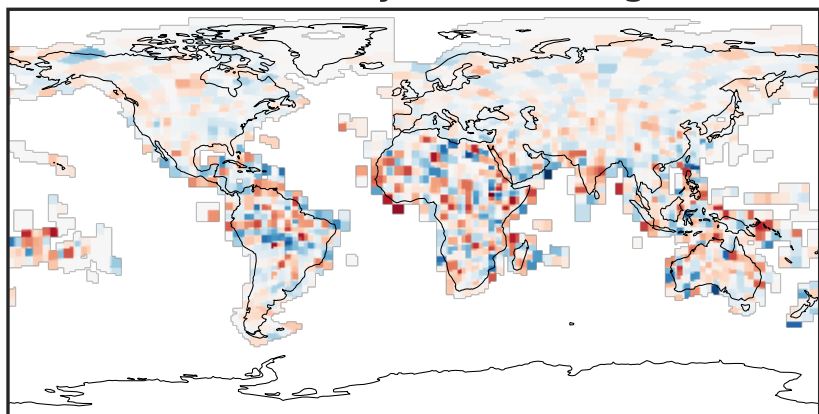
-2.5 0.0 2.5 10^{-16}
kg/m²/s

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



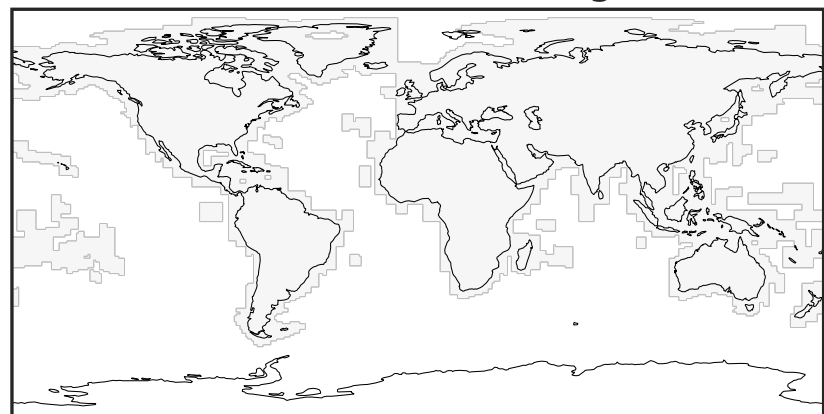
-1 0 1 10^{-18}
kg/m²/s

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



0.999912 1.000000 1.000088
unitless

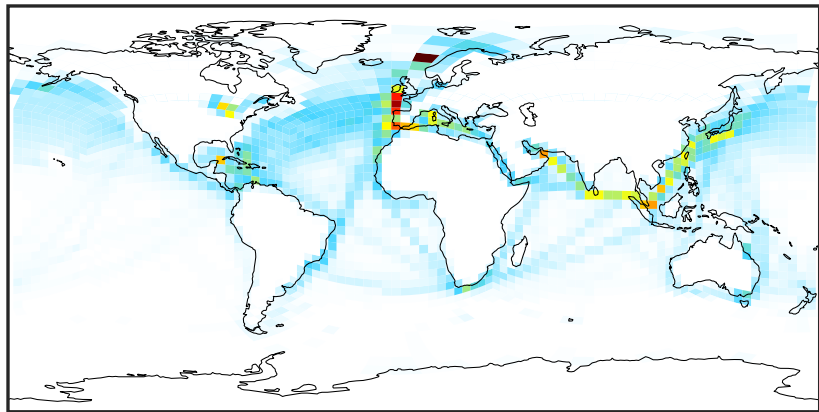
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

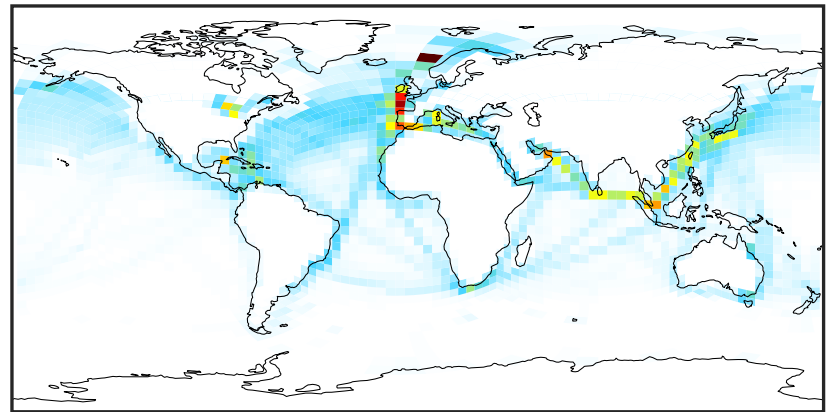
EmisSO4_Ship (AnnualMean)

GCHP_14.0.0 (Ref)
c24



0.0 1.5 3.0 4.5
kg/m2/s 1e-13

GCHP_14.2.0 (Dev)
c24



0.0 1.5 3.0 4.5
kg/m2/s 1e-13

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



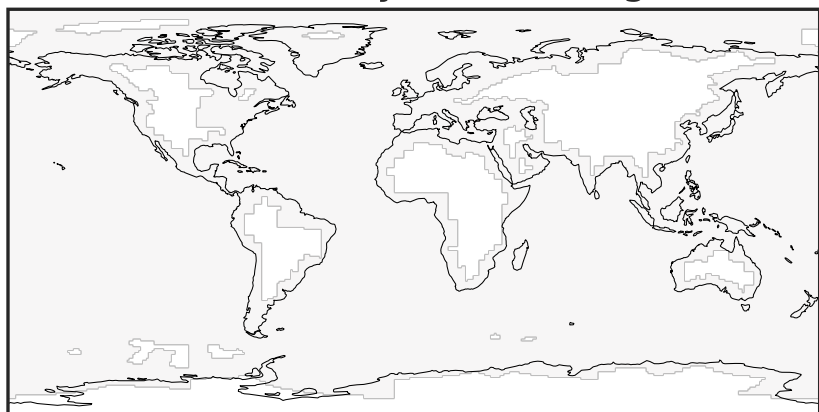
Zero throughout domain
kg/m2/s

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



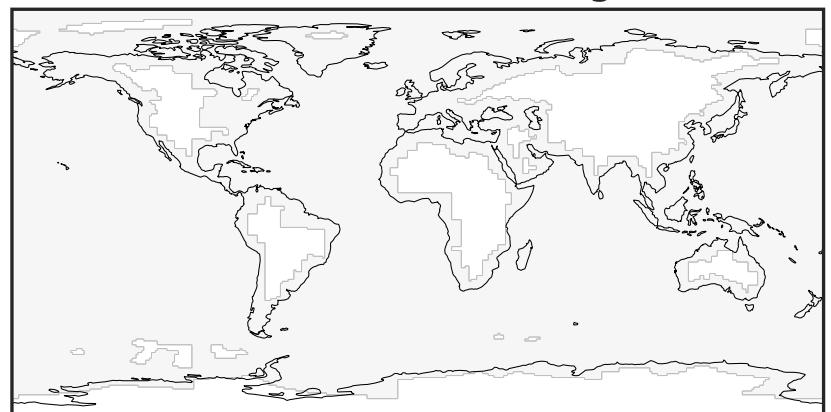
Zero throughout domain
kg/m2/s

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



Ref and Dev equal throughout domain
unitless

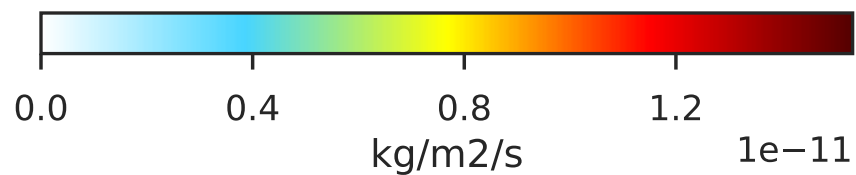
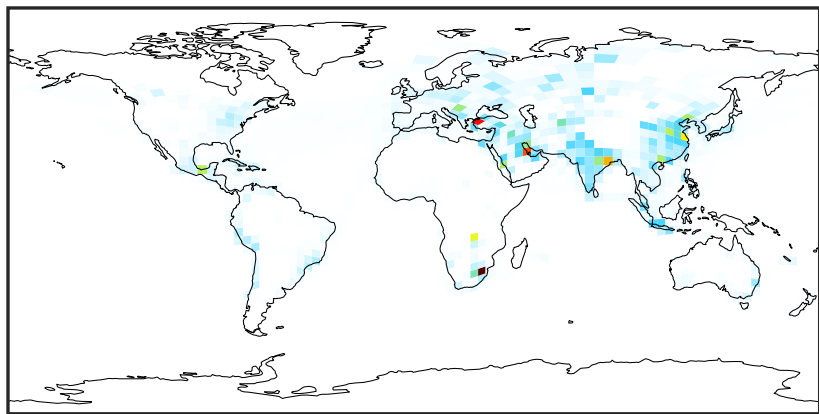
Ratio (1x1.25)
Dev/Ref, Fixed Range



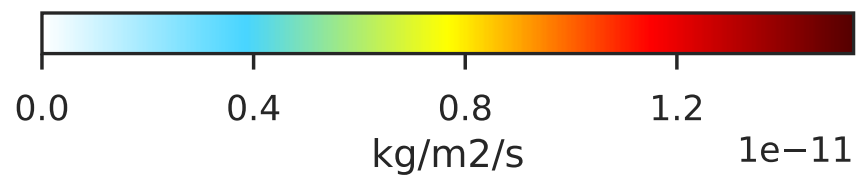
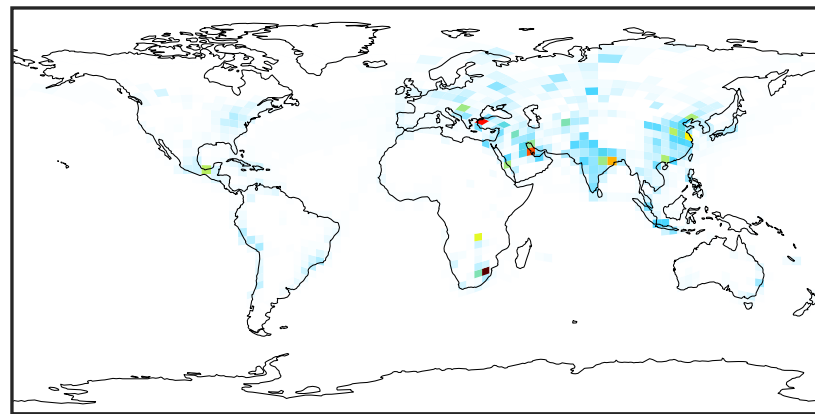
Ref and Dev equal throughout domain
unitless

EmisSO4_Total (AnnualMean)

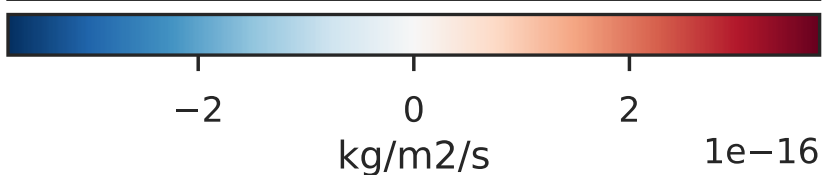
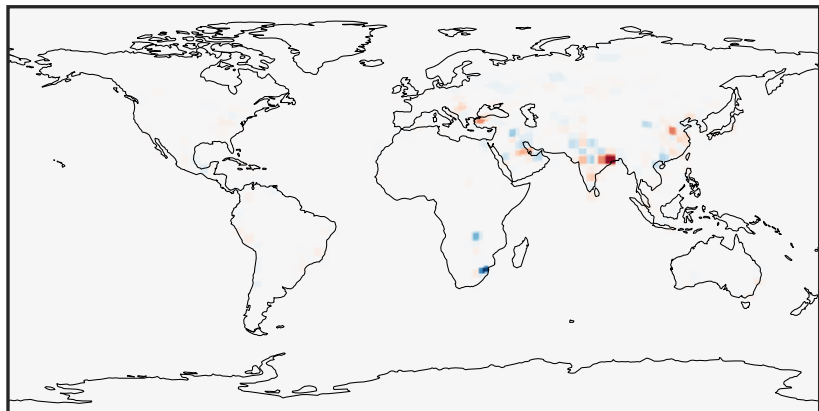
GCHP_14.0.0 (Ref)
c24



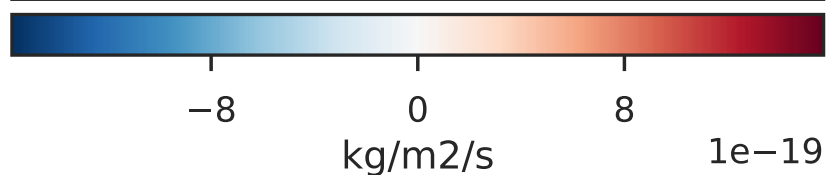
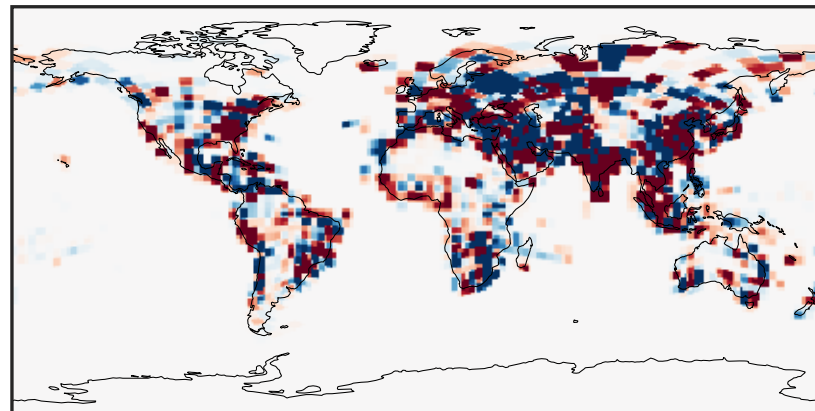
GCHP_14.2.0 (Dev)
c24



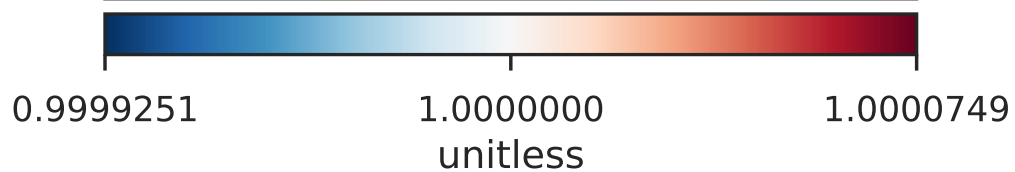
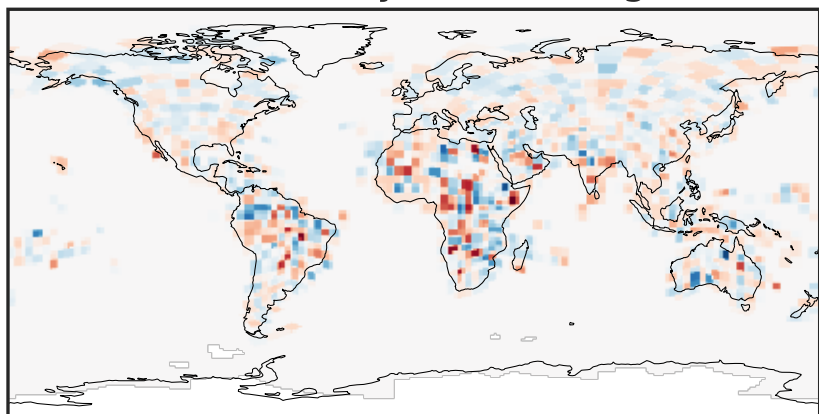
Difference (1x1.25)
Dev - Ref, Dynamic Range



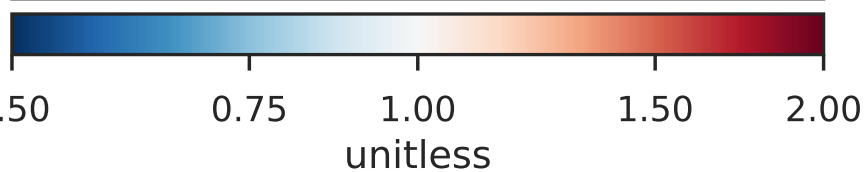
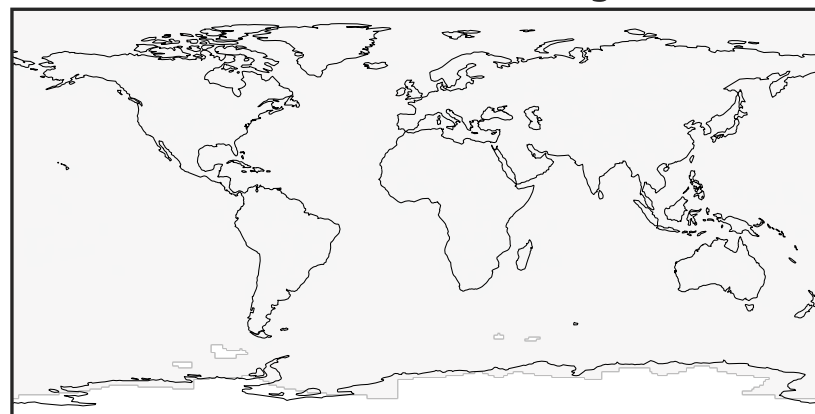
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

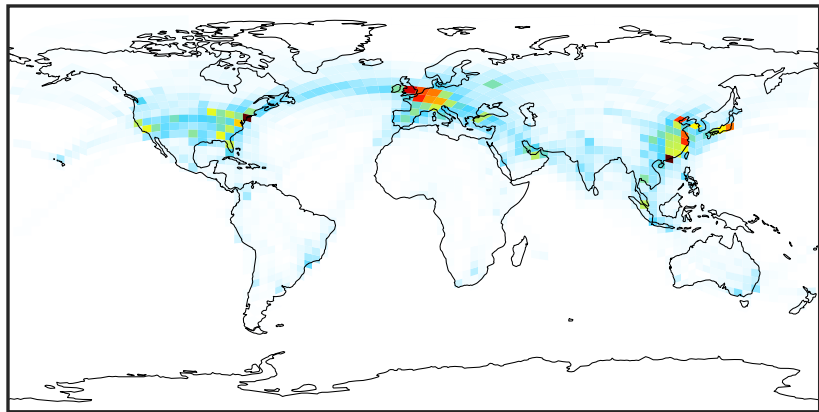


Ratio (1x1.25)
Dev/Ref, Fixed Range



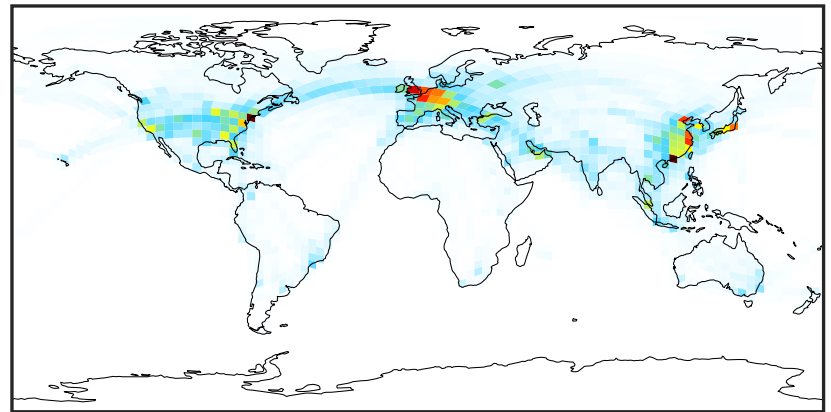
EmisBCPI_Aircraft (AnnualMean)

GCHP_14.0.0 (Ref)
c24



0.0 1.5 3.0 4.5
kg/m²/s 1e-14

GCHP_14.2.0 (Dev)
c24



0.0 1.5 3.0 4.5
kg/m²/s 1e-14

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



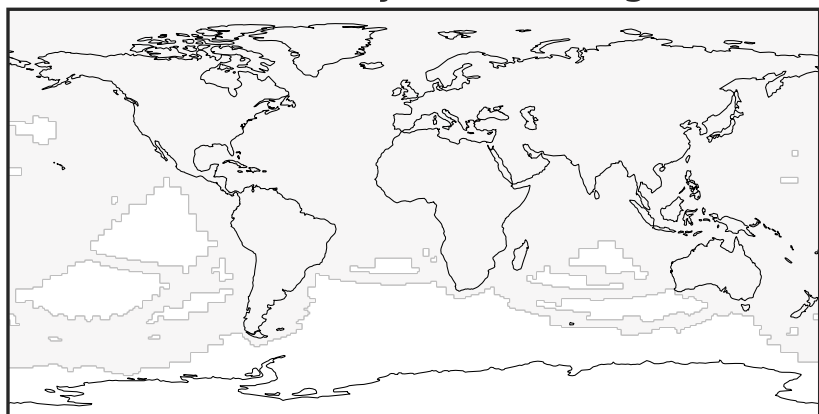
Zero throughout domain
kg/m²/s

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



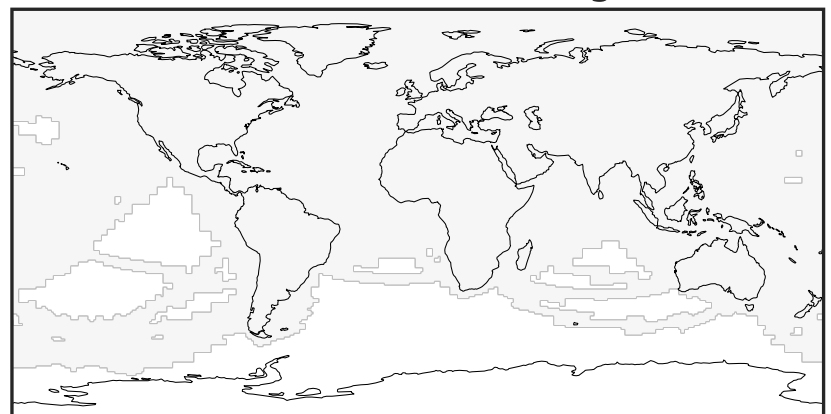
Zero throughout domain
kg/m²/s

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



Ref and Dev equal throughout domain
unitless

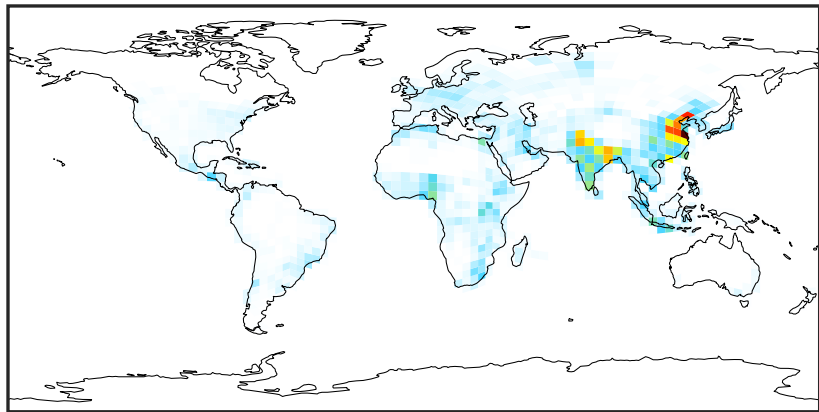
Ratio (1x1.25)
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless

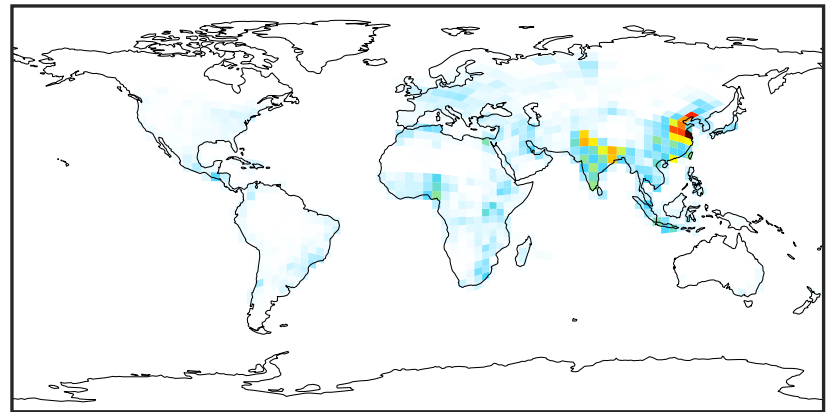
EmisBCPI_Anthro (AnnualMean)

GCHP_14.0.0 (Ref)
c24



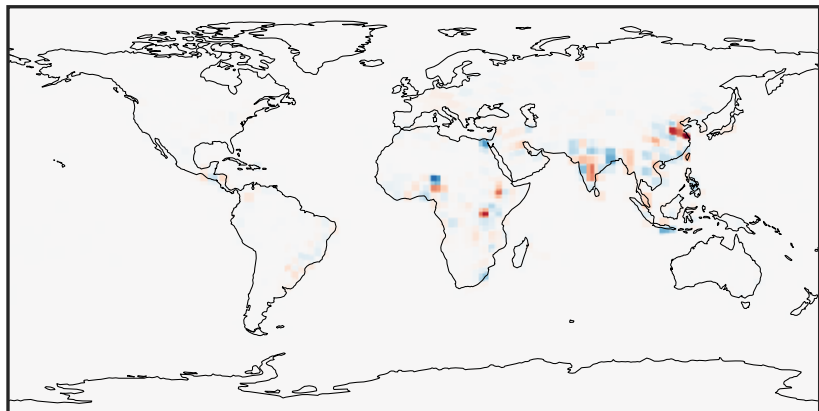
0.0 1.5 3.0 4.5
kg/m2/s $1e-12$

GCHP_14.2.0 (Dev)
c24



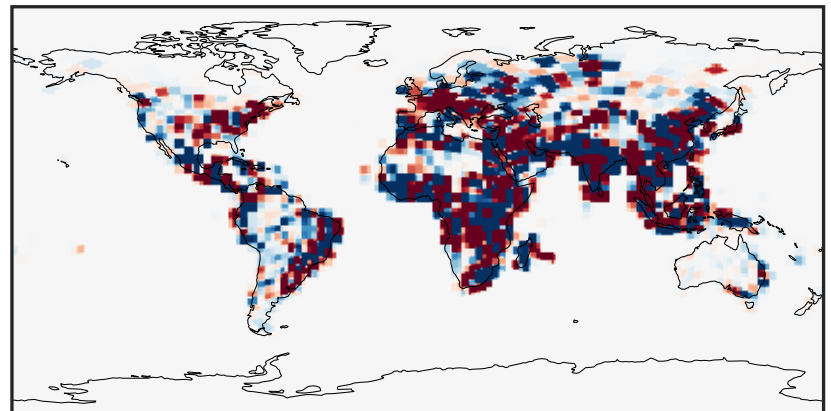
0.0 1.5 3.0 4.5
kg/m2/s $1e-12$

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



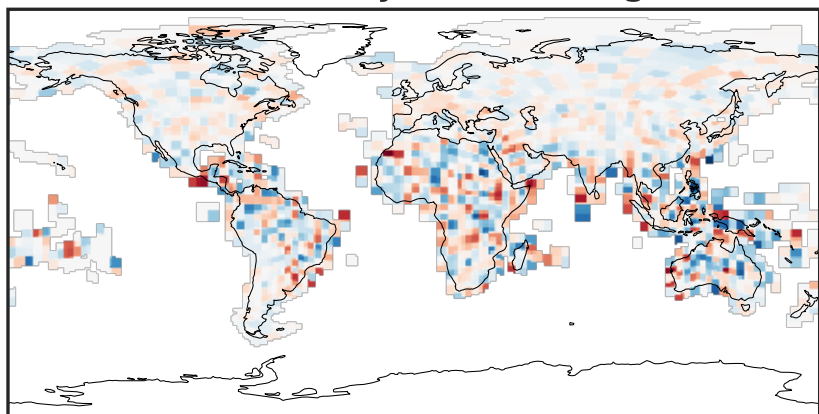
-8 0 8
kg/m2/s $1e-17$

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



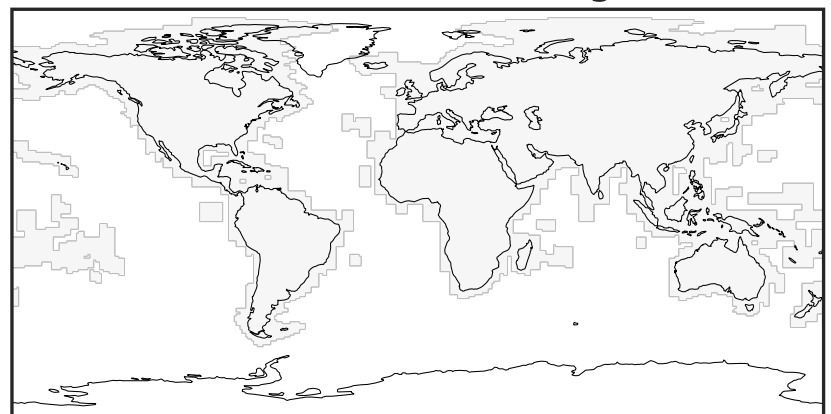
-8 0 8
kg/m2/s $1e-19$

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



0.9998948 1.000000 1.0001052
unitless

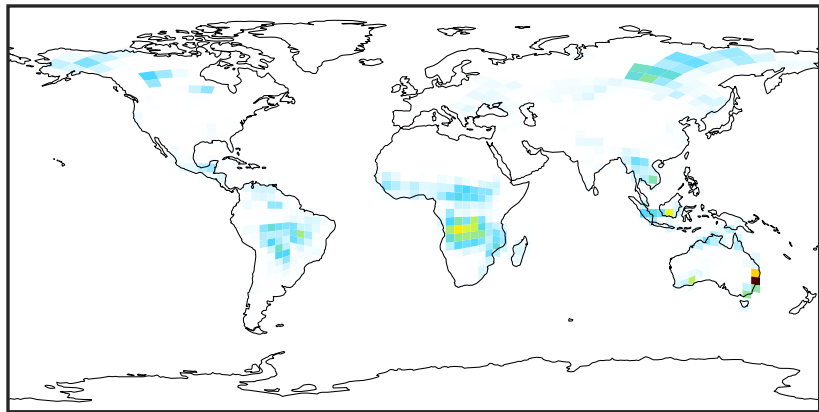
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

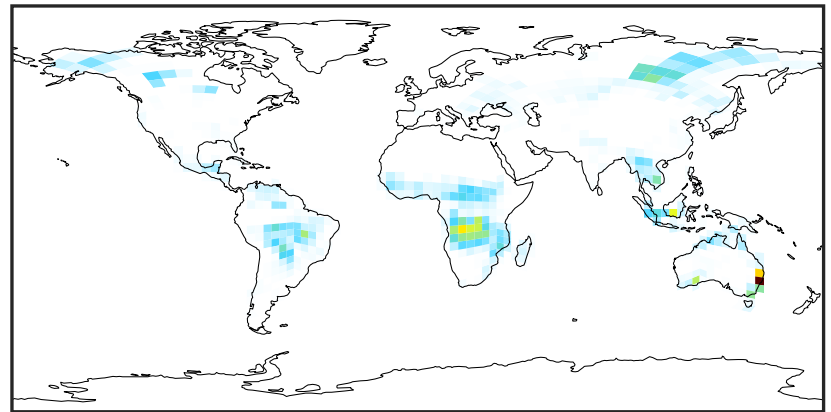
EmisBCPI_BioBurn (AnnualMean)

GCHP_14.0.0 (Ref)
c24



0.0 0.8 1.6 2.4
kg/m2/s 1e-12

GCHP_14.2.0 (Dev)
c24



0.0 0.8 1.6 2.4
kg/m2/s 1e-12

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



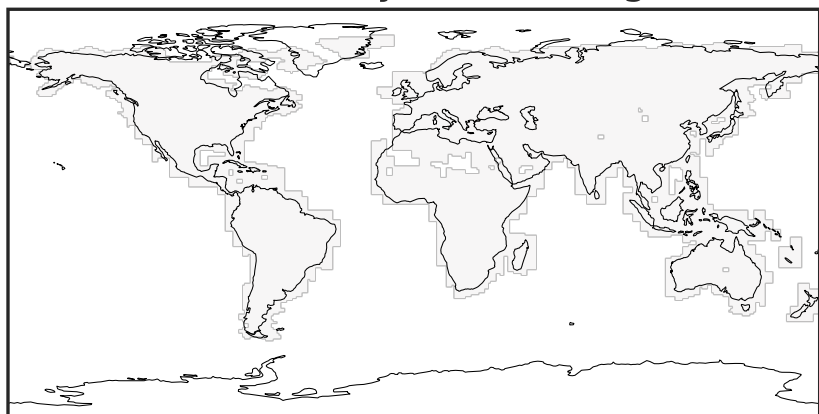
Zero throughout domain
kg/m2/s

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



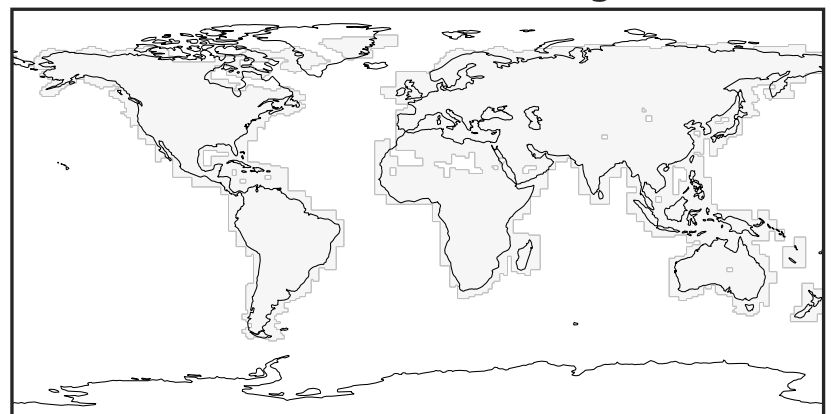
Zero throughout domain
kg/m2/s

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



Ref and Dev equal throughout domain
unitless

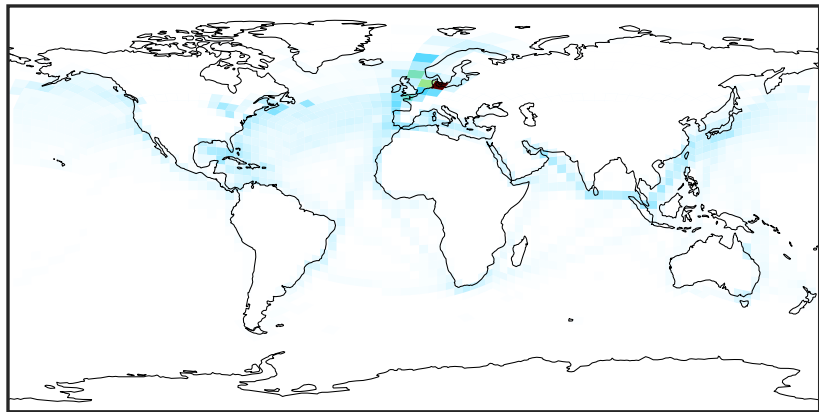
Ratio (1x1.25)
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless

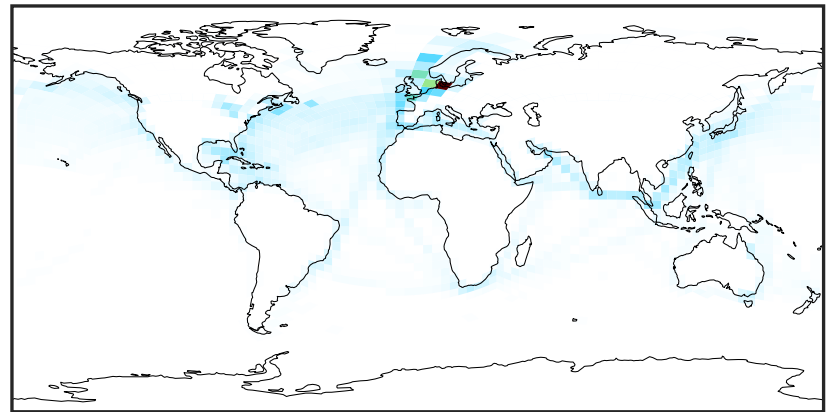
EmisBCPI_Ship (AnnualMean)

GCHP_14.0.0 (Ref)
c24



0.0 2.5 5.0 7.5
kg/m2/s 1e-14

GCHP_14.2.0 (Dev)
c24



0.0 2.5 5.0 7.5
kg/m2/s 1e-14

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



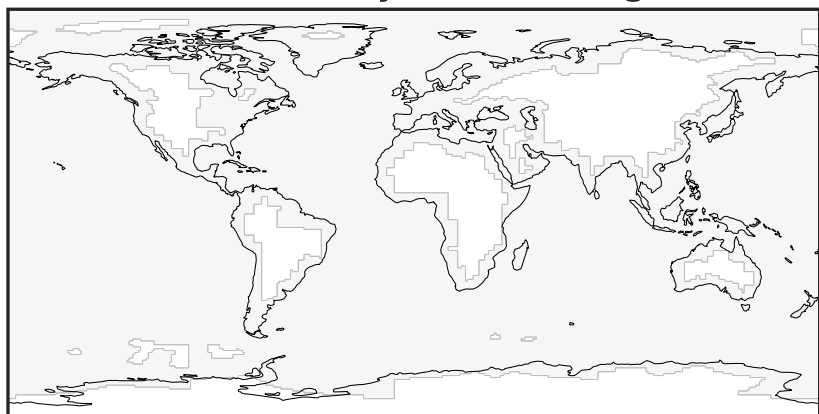
Zero throughout domain
kg/m2/s

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



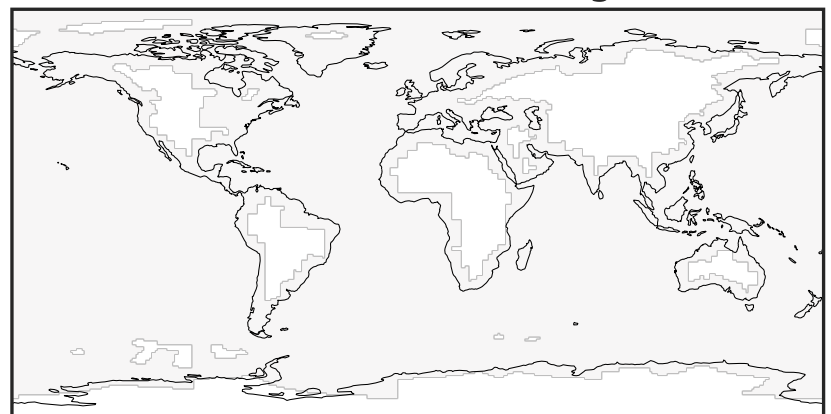
Zero throughout domain
kg/m2/s

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



Ref and Dev equal throughout domain
unitless

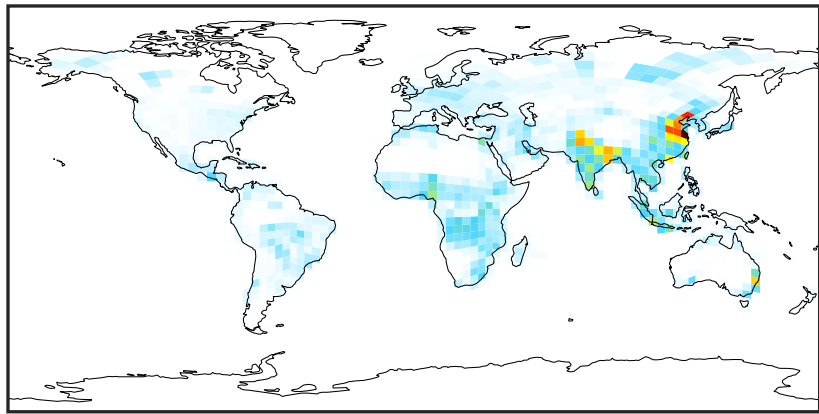
Ratio (1x1.25)
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless

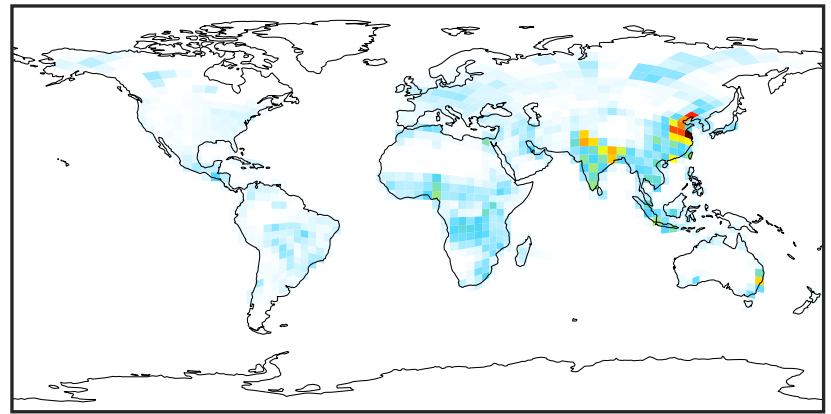
EmisBCPI_Total (AnnualMean)

GCHP_14.0.0 (Ref)
c24



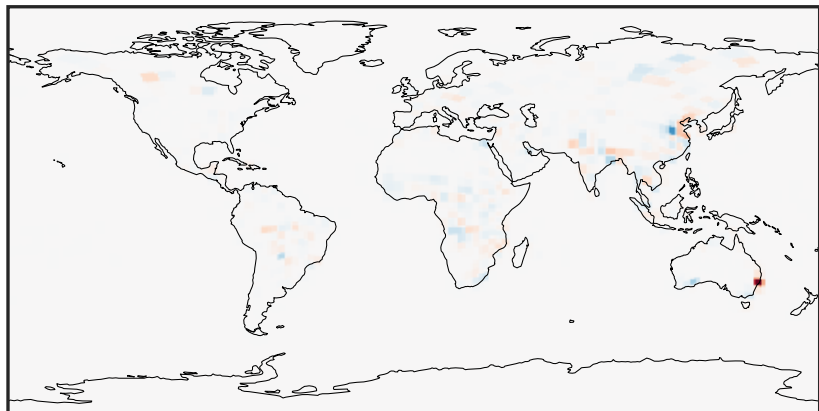
0.0 1.5 3.0 4.5
kg/m2/s $1e-12$

GCHP_14.2.0 (Dev)
c24



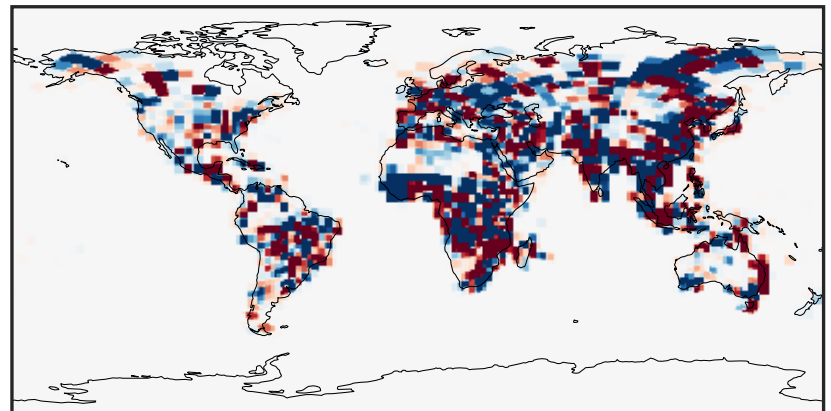
0.0 1.5 3.0 4.5
kg/m2/s $1e-12$

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



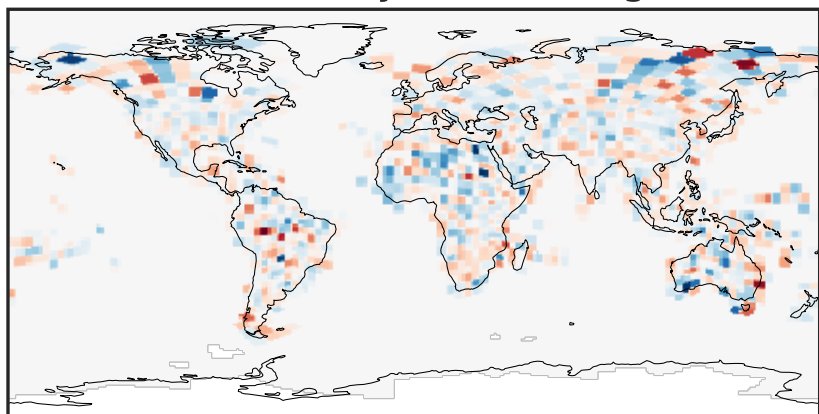
-1 0 1
kg/m2/s $1e-16$

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



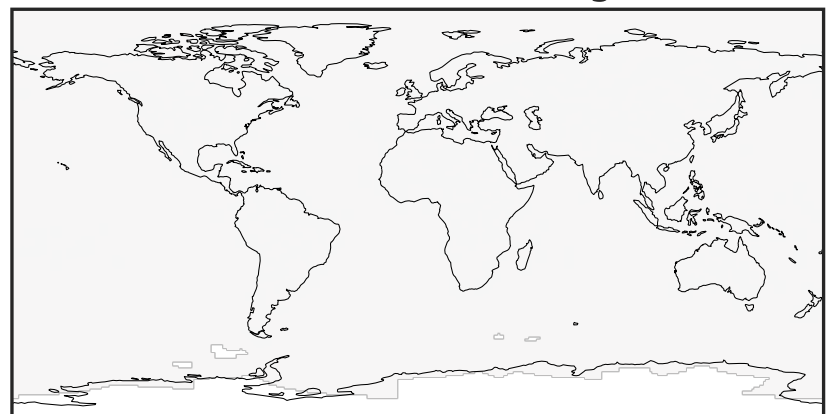
-1 0 1
kg/m2/s $1e-18$

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



0.9999323 1.000000 1.0000677
unitless

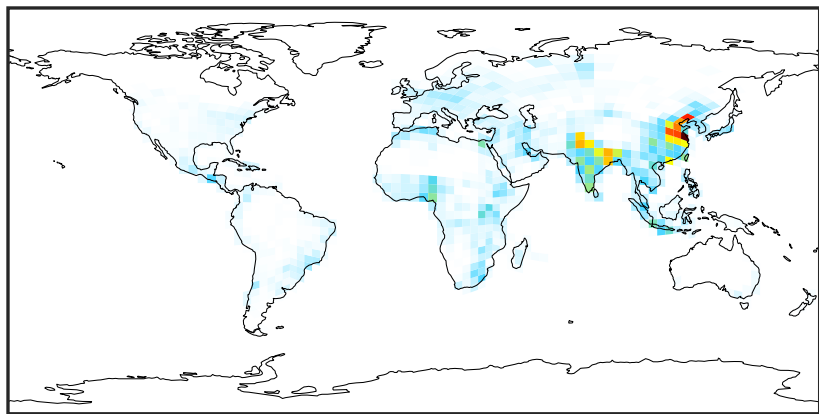
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

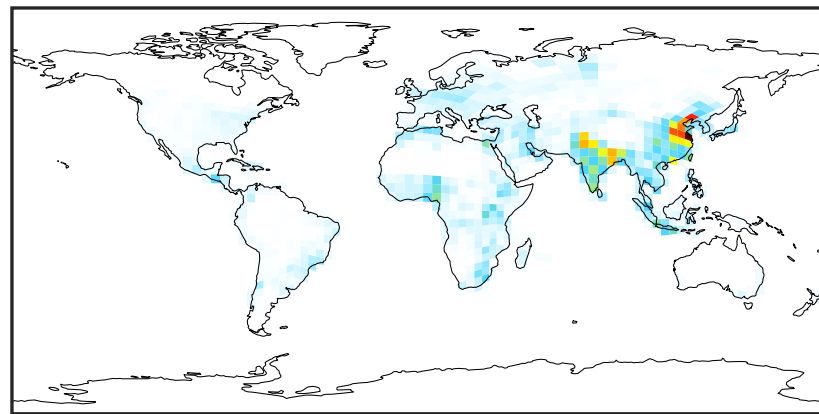
EmisBCPO_Anthro (AnnualMean)

GCHP_14.0.0 (Ref)
c24



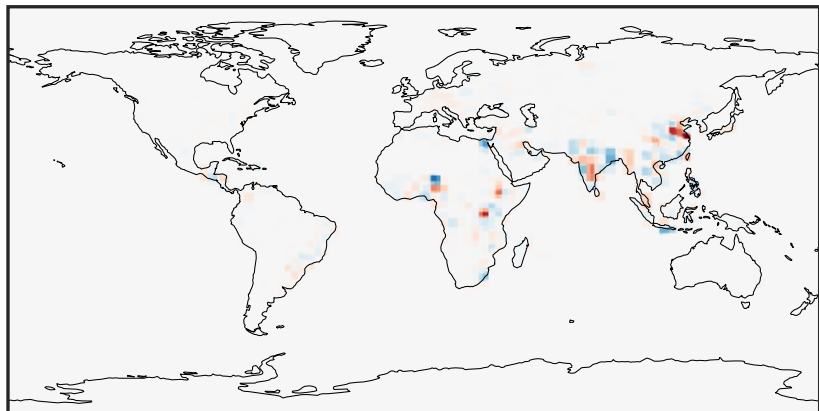
0.0 0.5 1.0 1.5 $1e-11$
kg/m²/s

GCHP_14.2.0 (Dev)
c24



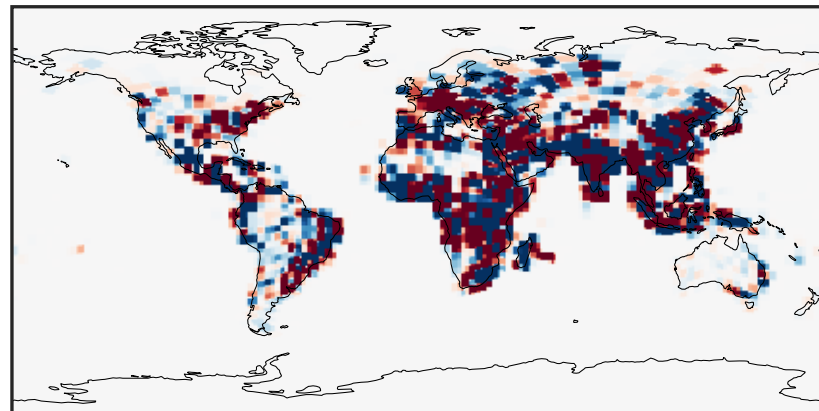
0.0 0.5 1.0 1.5 $1e-11$
kg/m²/s

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



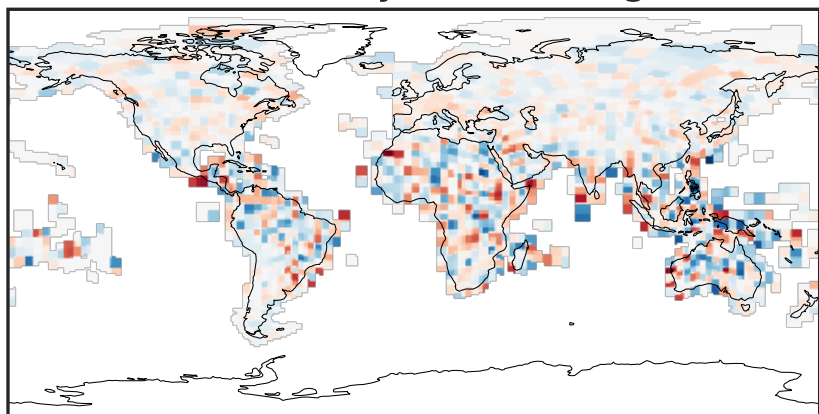
-3 0 3 $1e-16$
kg/m²/s

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



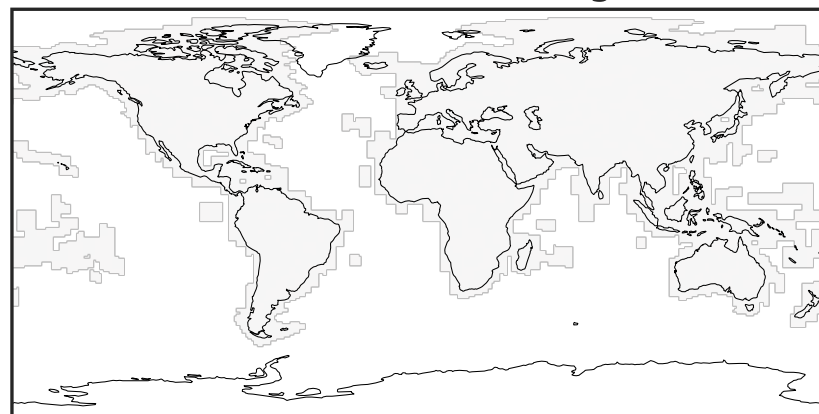
-2.5 0.0 2.5 $1e-18$
kg/m²/s

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



0.9998948 1.000000 1.0001052
unitless

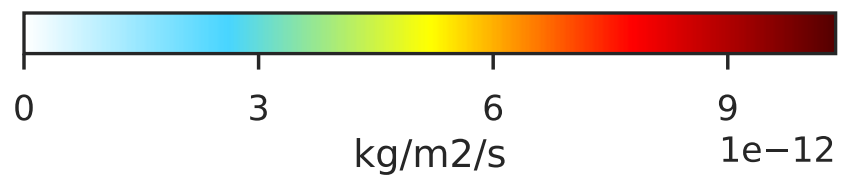
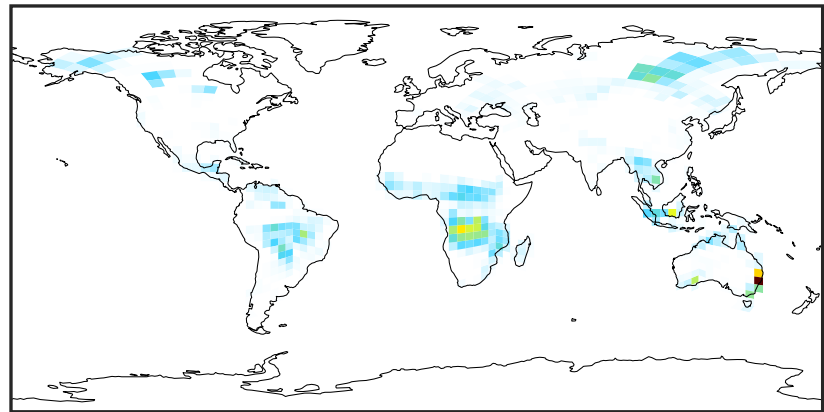
Ratio (1x1.25)
Dev/Ref, Fixed Range



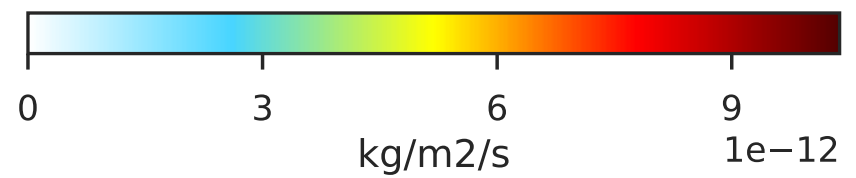
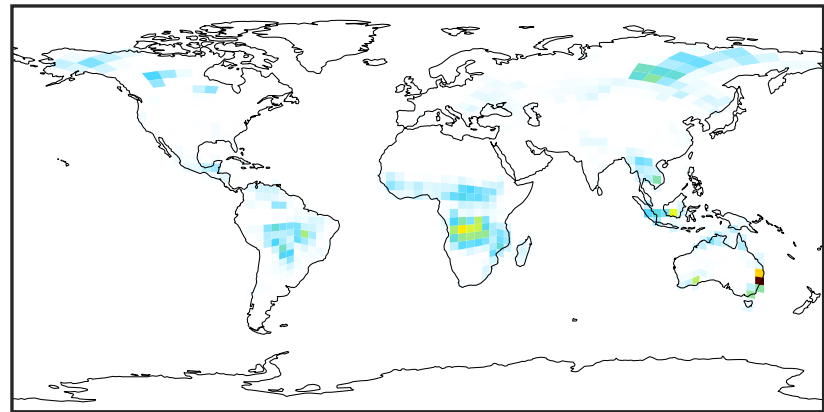
0.50 0.75 1.00 1.50 2.00
unitless

EmisBCPO_BioBurn (AnnualMean)

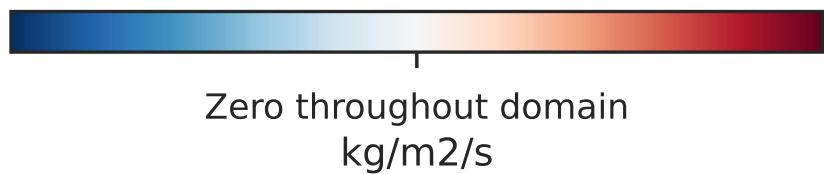
GCHP_14.0.0 (Ref)
c24



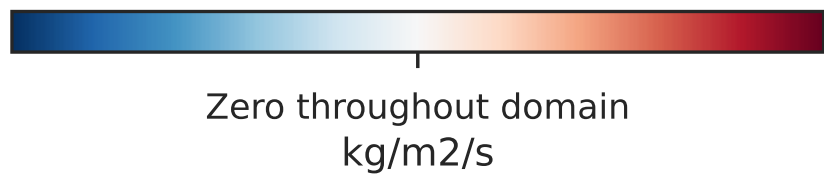
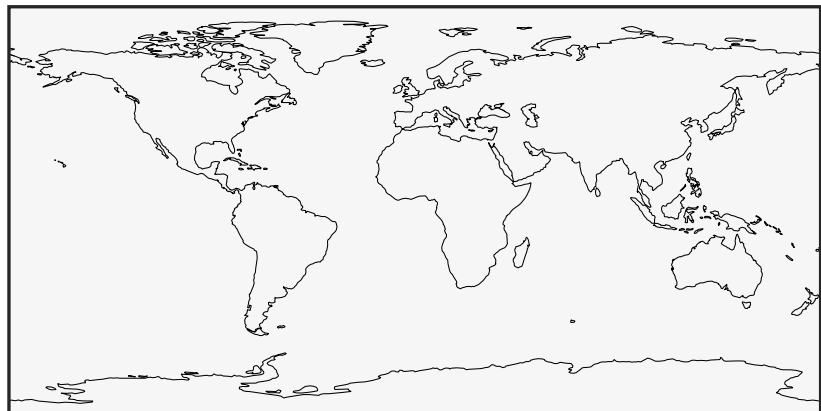
GCHP_14.2.0 (Dev)
c24



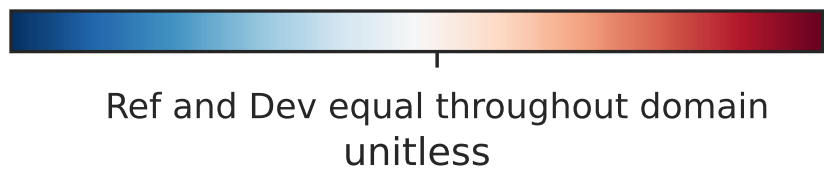
Difference (1x1.25)
Dev - Ref, Dynamic Range



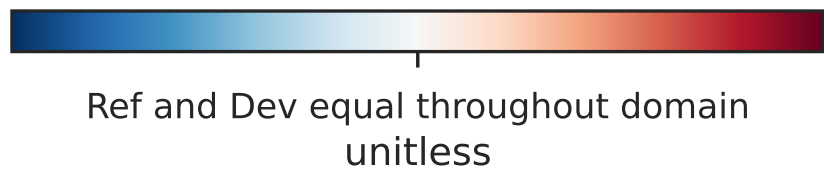
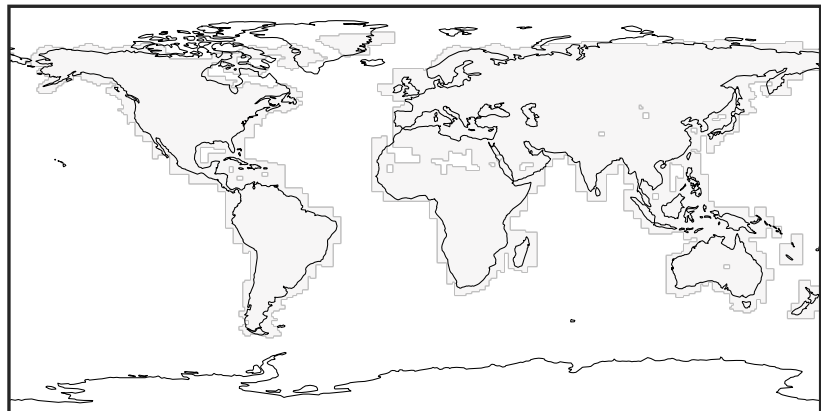
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

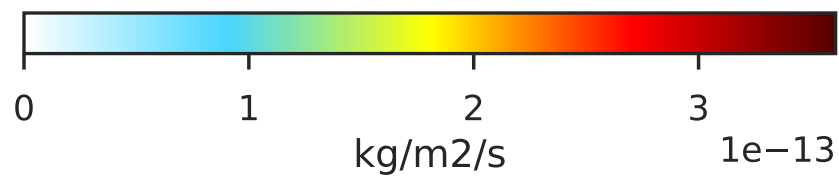
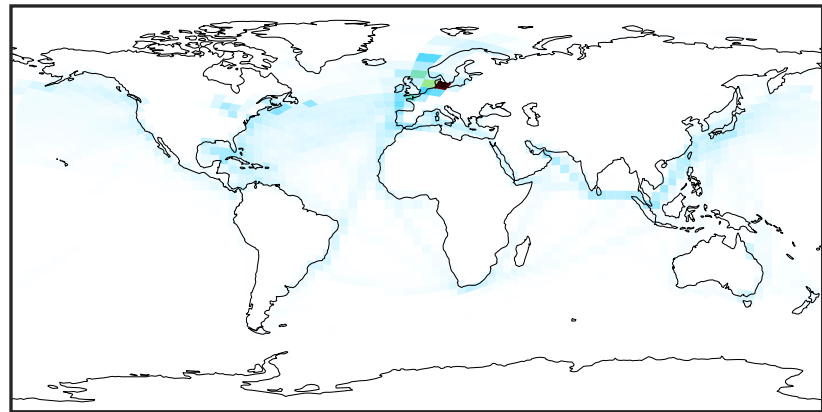


Ratio (1x1.25)
Dev/Ref, Fixed Range

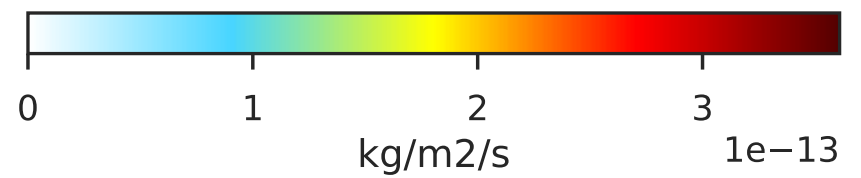
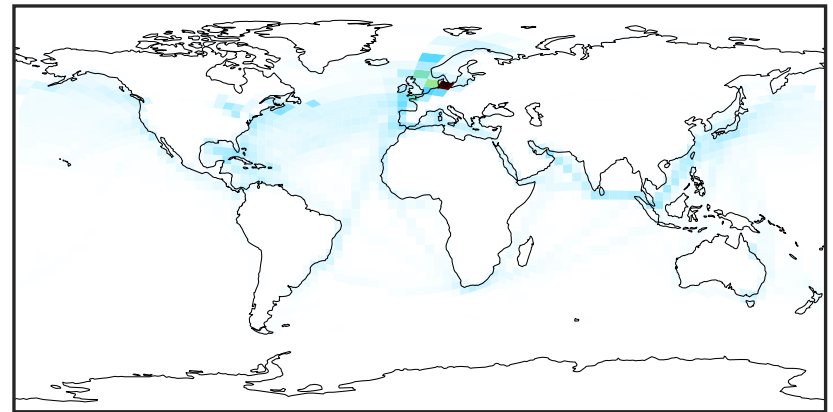


EmisBCPO_Ship (AnnualMean)

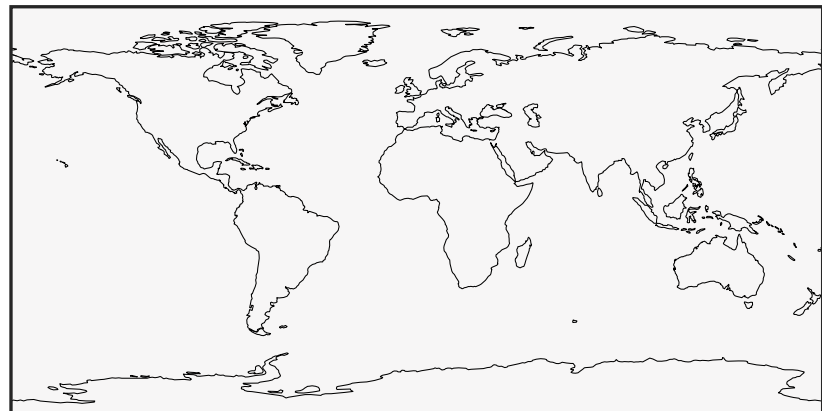
GCHP_14.0.0 (Ref)
c24



GCHP_14.2.0 (Dev)
c24

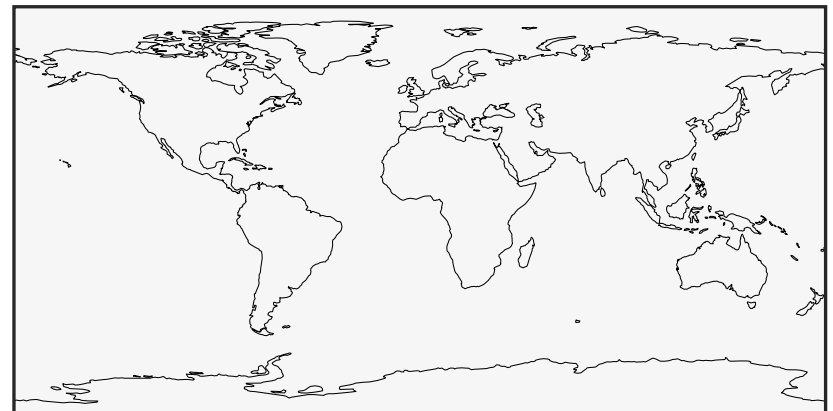


Difference (1x1.25)
Dev - Ref, Dynamic Range



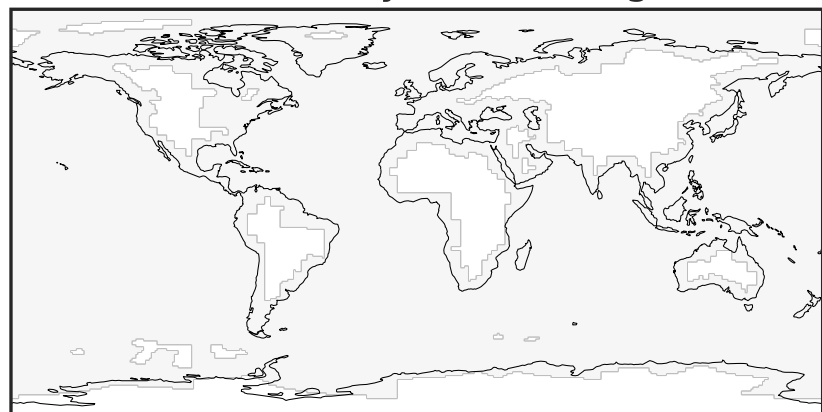
Zero throughout domain
kg/m2/s

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



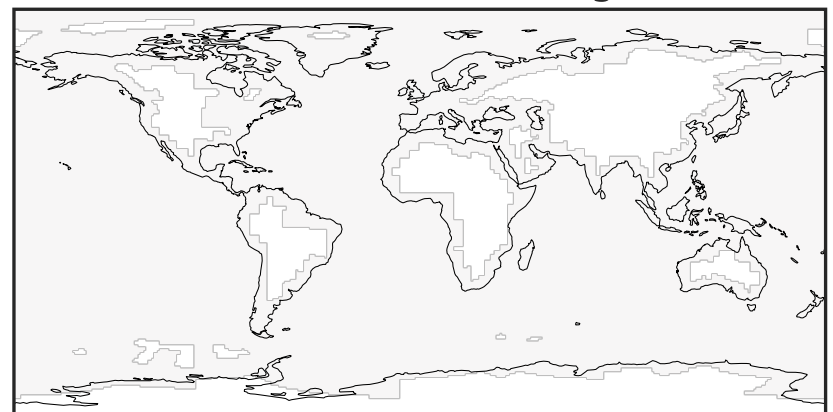
Zero throughout domain
kg/m2/s

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



Ref and Dev equal throughout domain
unitless

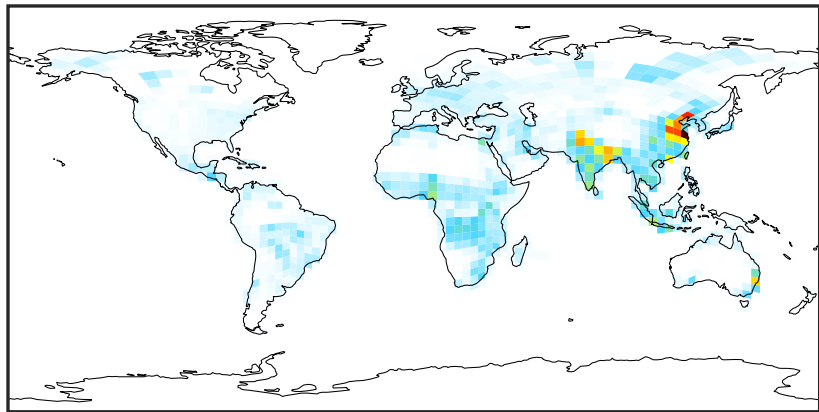
Ratio (1x1.25)
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless

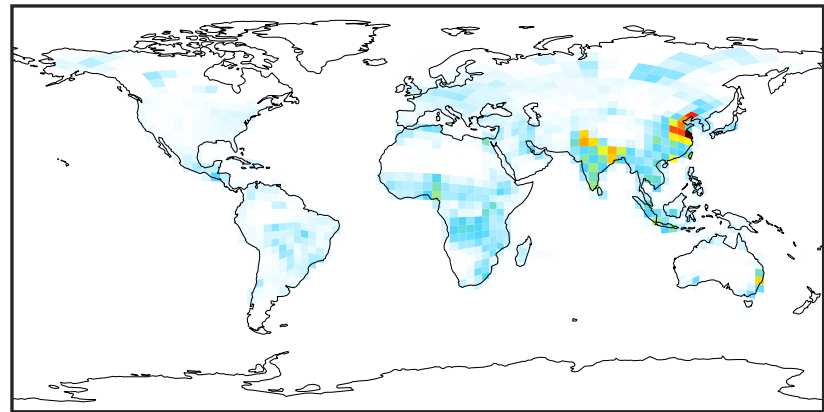
EmisBCPO_Total (AnnualMean)

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



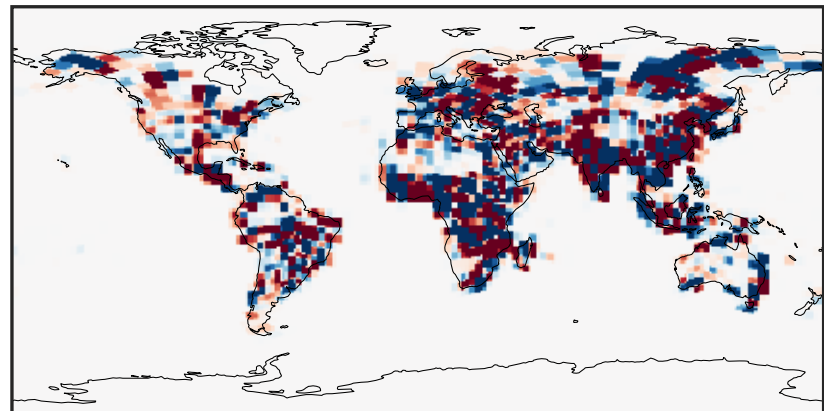
0.0 0.5 1.0 1.5 $1e-11$
kg/m²/s

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



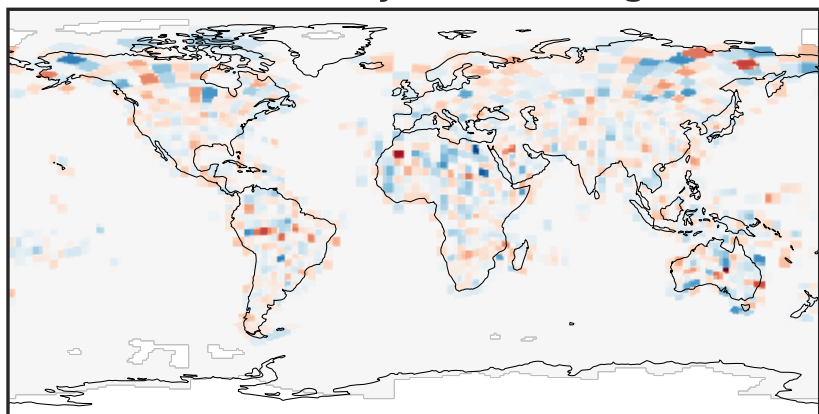
-4 0 4 $1e-16$
kg/m²/s

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



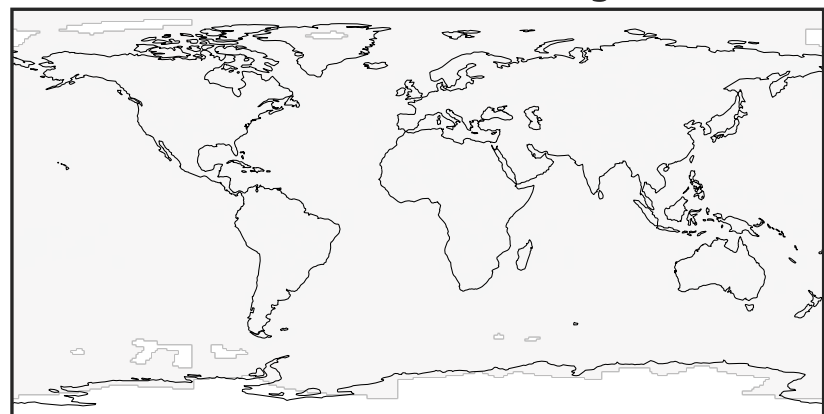
-3 0 3 $1e-18$
kg/m²/s

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



0.999907 1.000000 1.000093
unitless

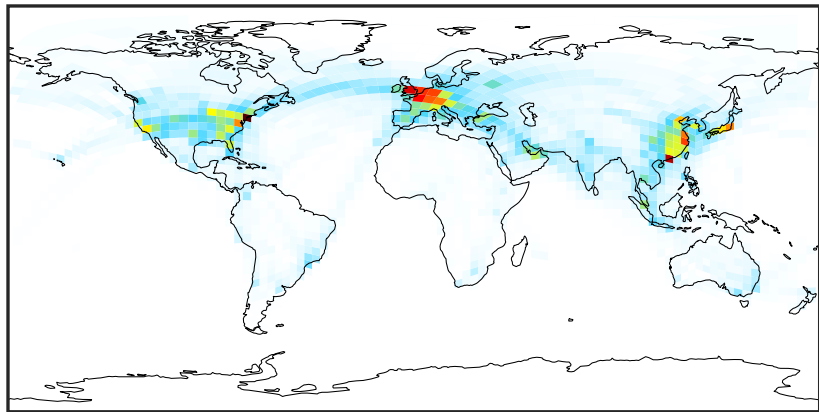
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

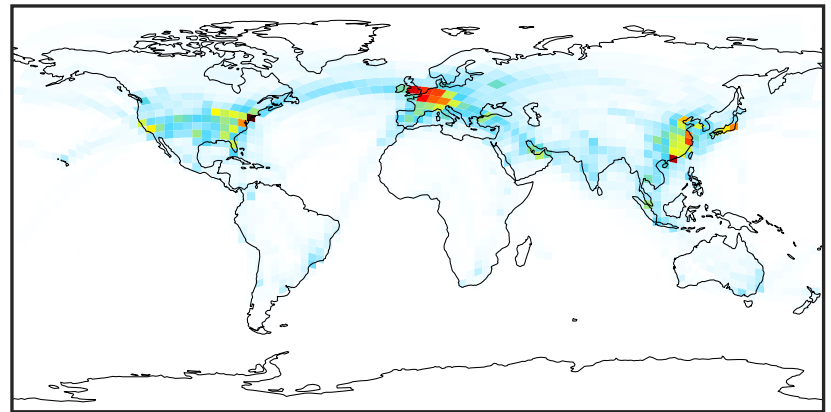
EmisOCPI_Aircraft (AnnualMean)

GCHP_14.0.0 (Ref)
c24



0.0 0.5 1.0 1.5
kg/m²/s 1e-14

GCHP_14.2.0 (Dev)
c24



0.0 0.5 1.0 1.5
kg/m²/s 1e-14

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



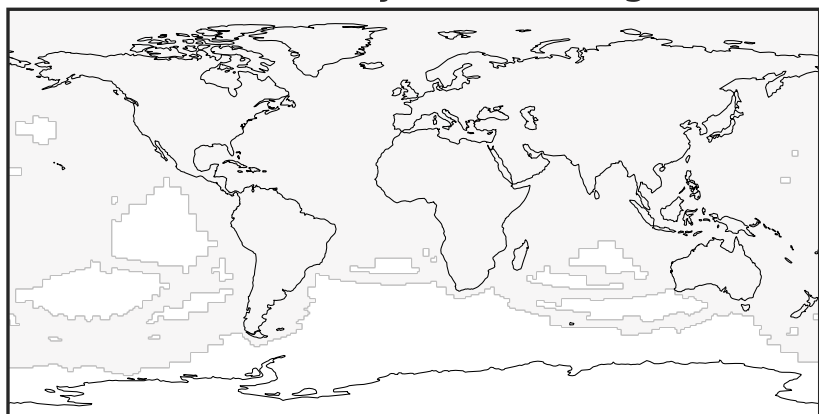
Zero throughout domain
kg/m²/s

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



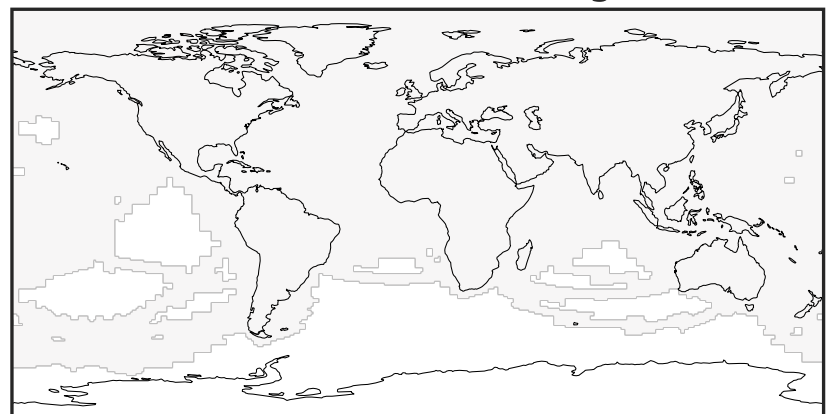
Zero throughout domain
kg/m²/s

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



Ref and Dev equal throughout domain
unitless

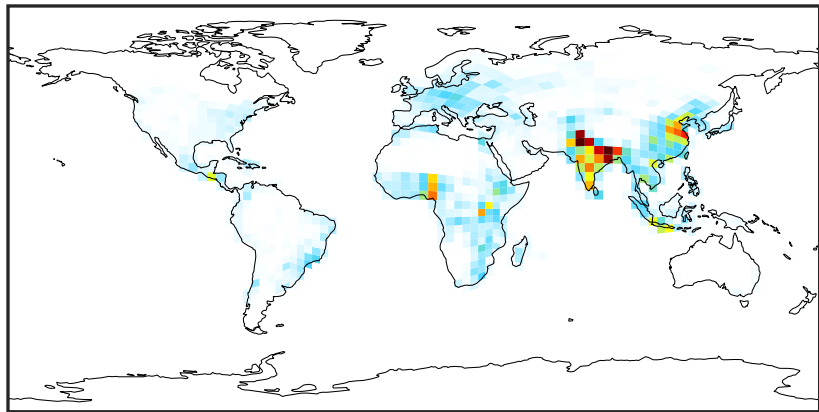
Ratio (1x1.25)
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless

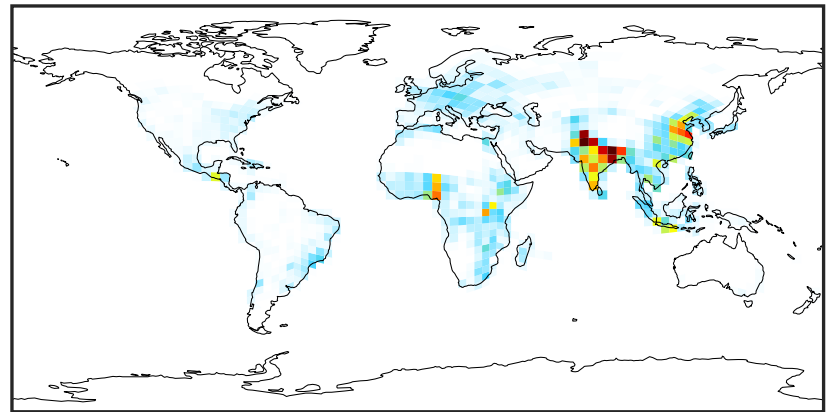
EmisOCPI_Anthro (AnnualMean)

GCHP_14.0.0 (Ref)
c24



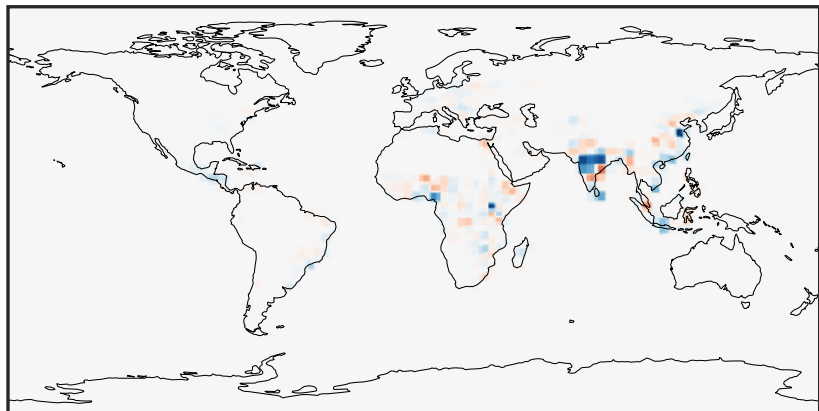
0.0 0.6 1.2 1.8
kg/m²/s 1e-11

GCHP_14.2.0 (Dev)
c24



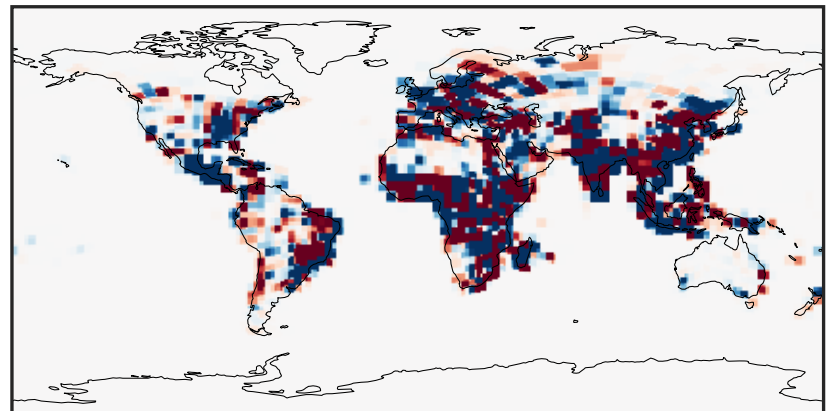
0.0 0.6 1.2 1.8
kg/m²/s 1e-11

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



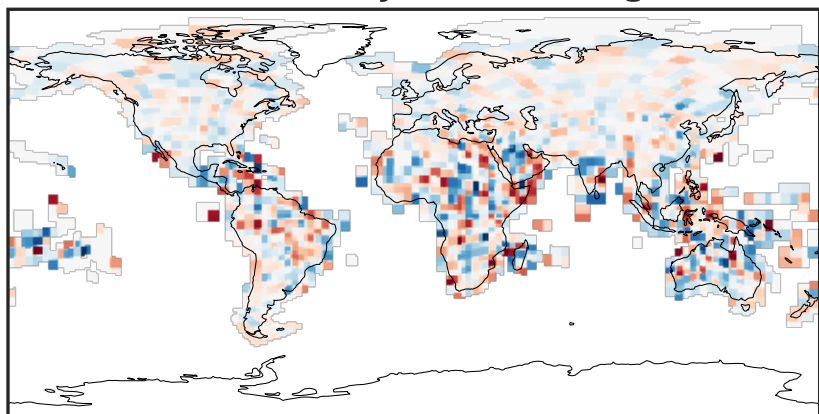
-4 0 4
kg/m²/s 1e-16

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



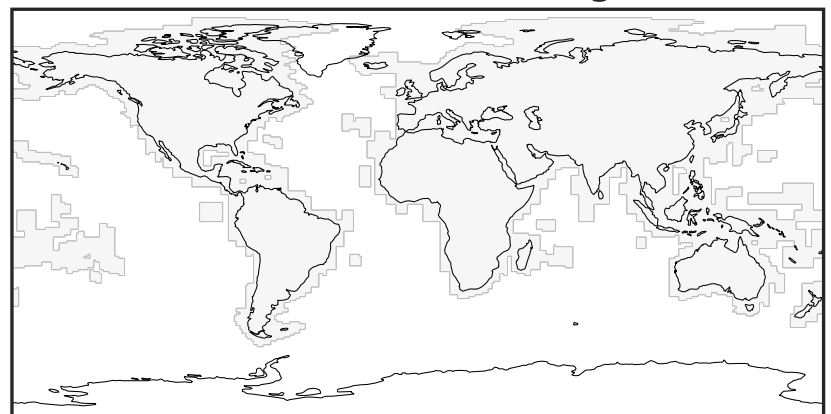
-4 0 4
kg/m²/s 1e-18

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



0.999913 1.000000 1.000087
unitless

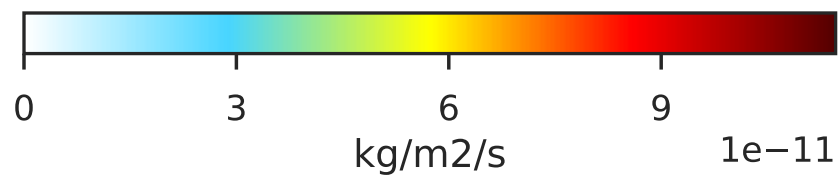
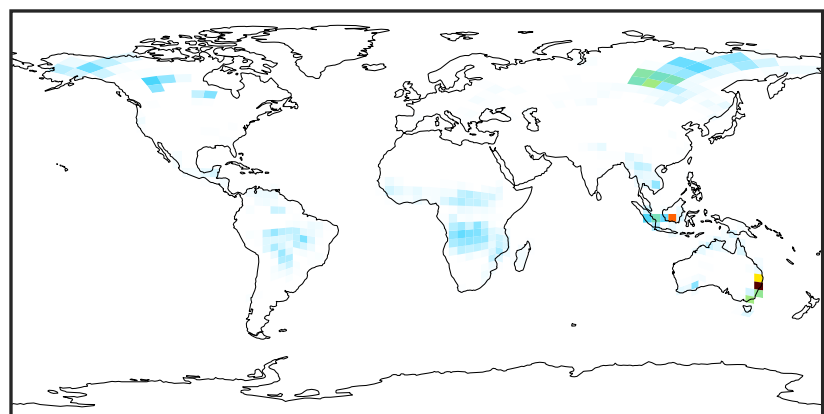
Ratio (1x1.25)
Dev/Ref, Fixed Range



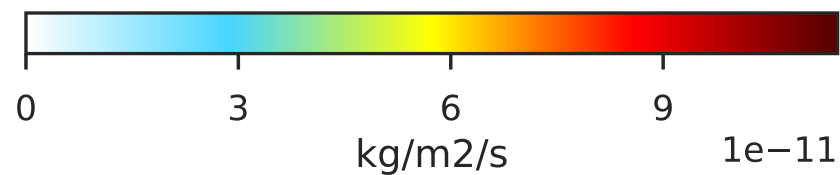
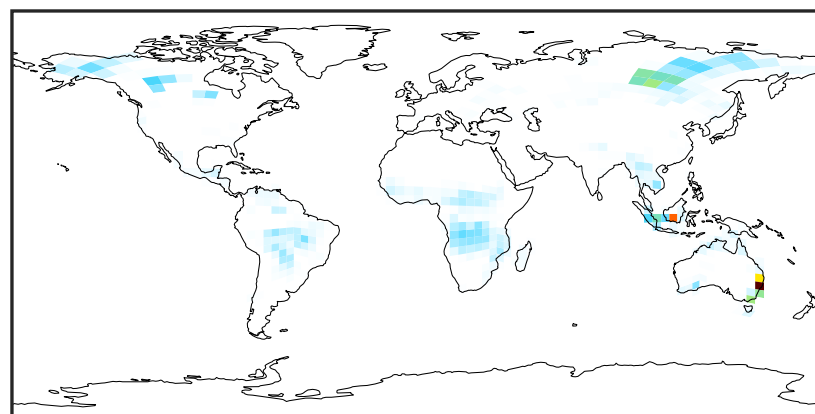
0.50 0.75 1.00 1.50 2.00
unitless

EmisOCPI_BioBurn (AnnualMean)

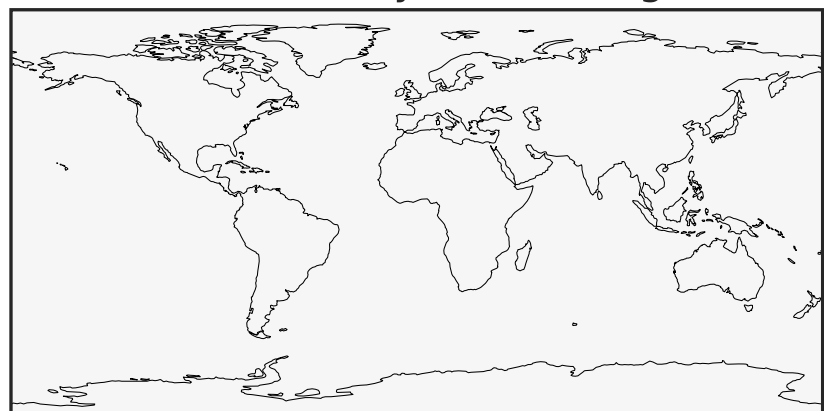
GCHP_14.0.0 (Ref)
c24



GCHP_14.2.0 (Dev)
c24

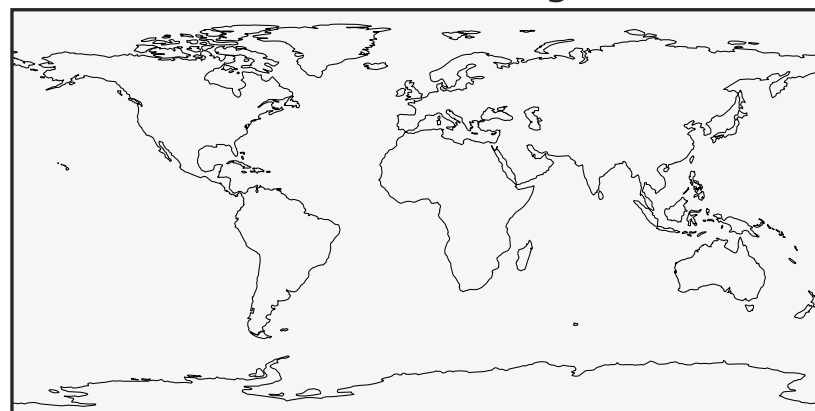


Difference (1x1.25)
Dev - Ref, Dynamic Range



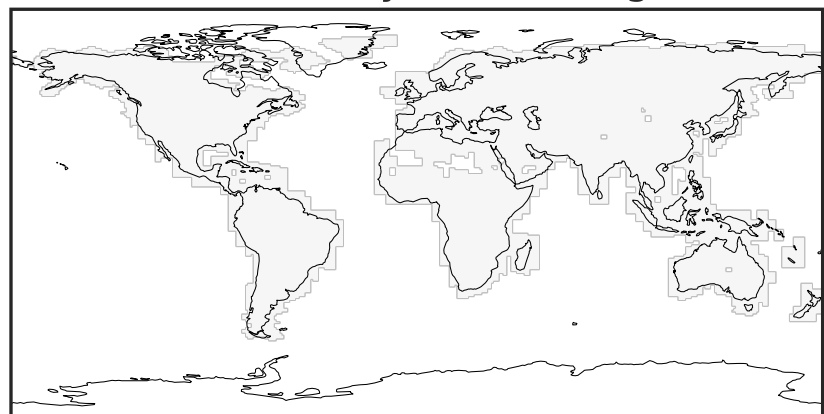
Zero throughout domain
kg/m2/s

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



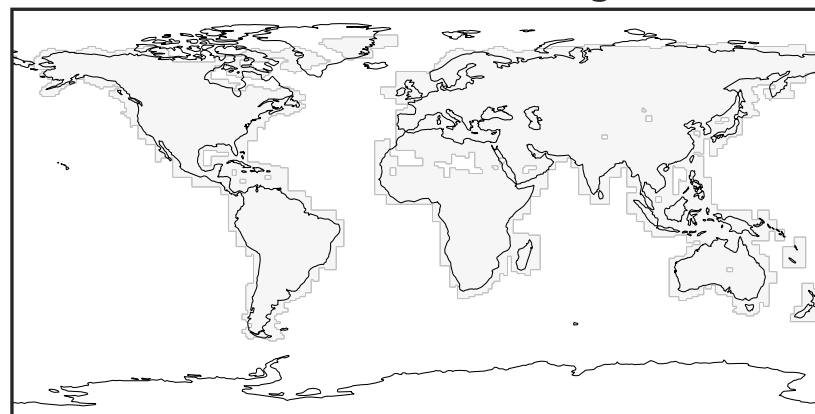
Zero throughout domain
kg/m2/s

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



Ref and Dev equal throughout domain
unitless

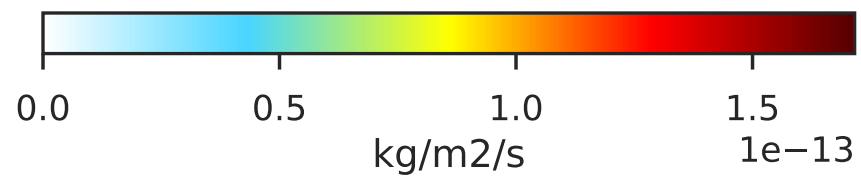
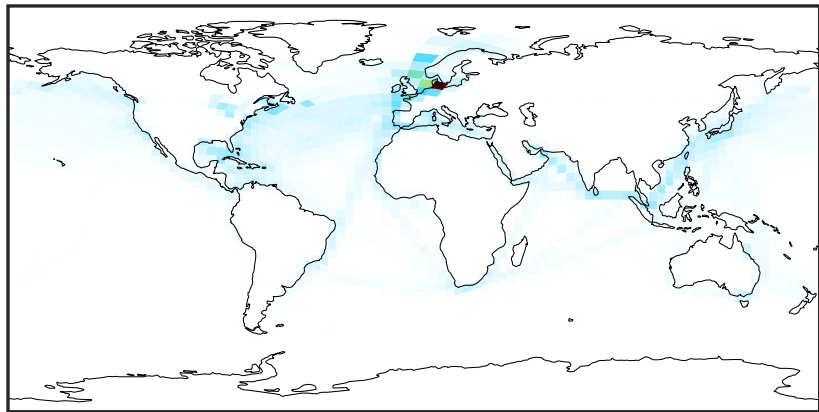
Ratio (1x1.25)
Dev/Ref, Fixed Range



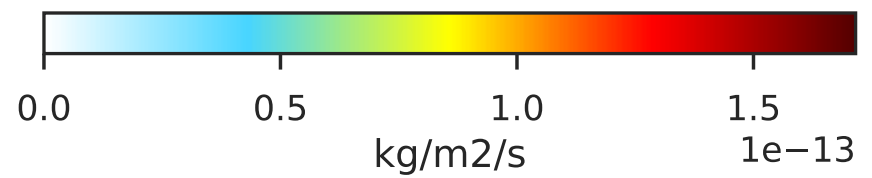
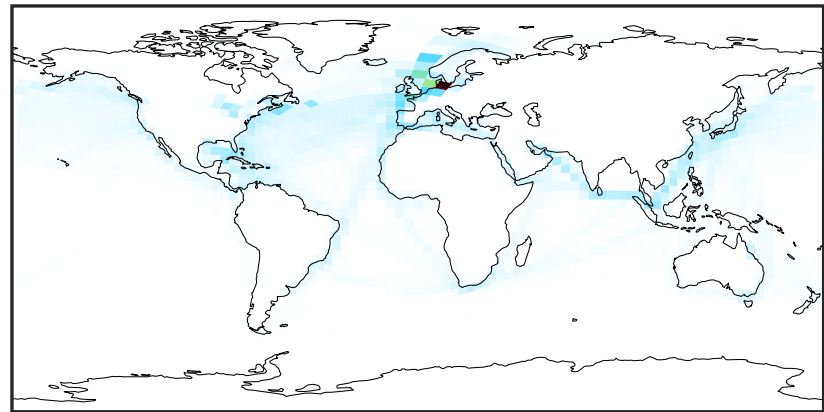
Ref and Dev equal throughout domain
unitless

EmisOCPI_Ship (AnnualMean)

GCHP_14.0.0 (Ref)
c24



GCHP_14.2.0 (Dev)
c24

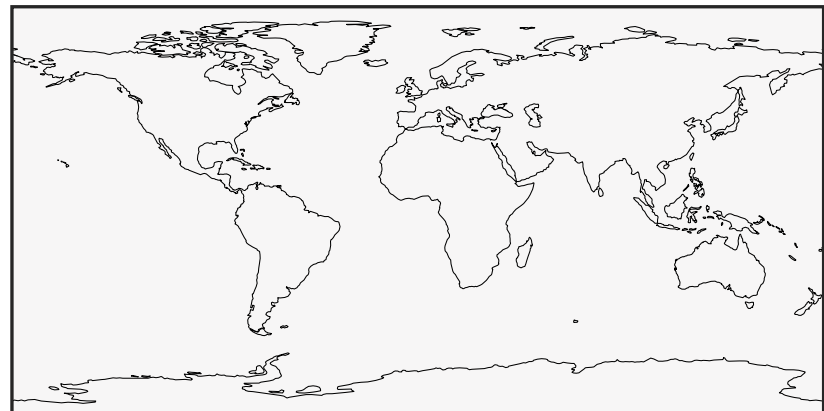


Difference (1x1.25)
Dev - Ref, Dynamic Range



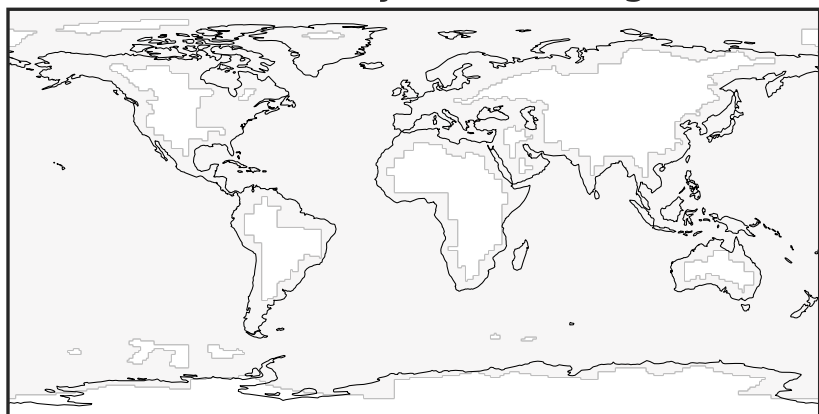
Zero throughout domain
kg/m2/s

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



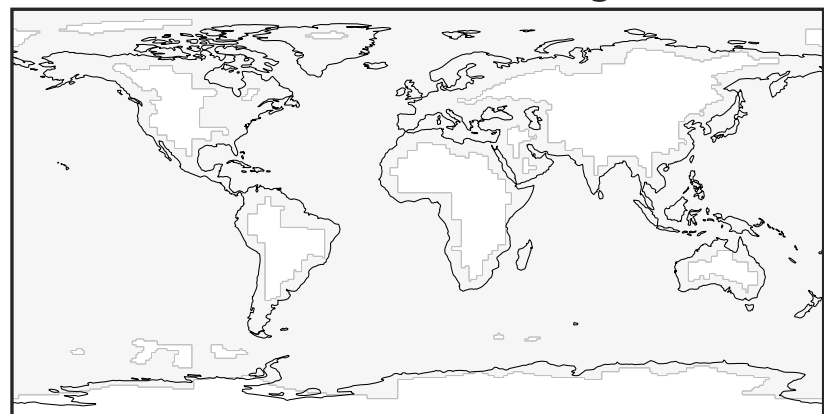
Zero throughout domain
kg/m2/s

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



Ref and Dev equal throughout domain
unitless

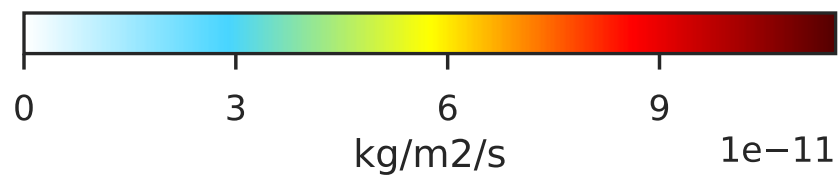
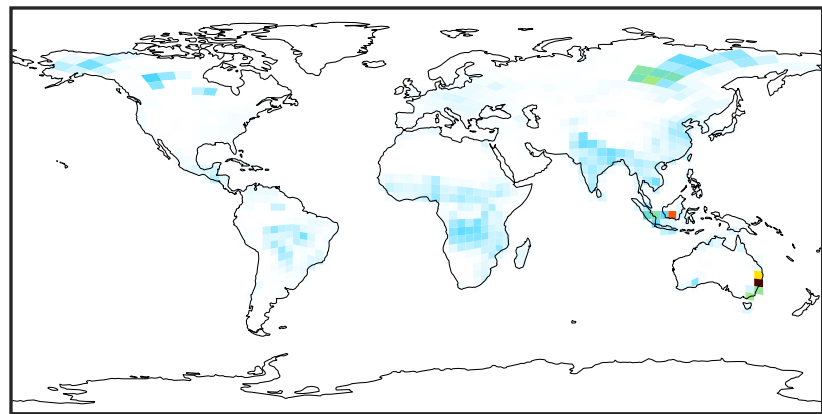
Ratio (1x1.25)
Dev/Ref, Fixed Range



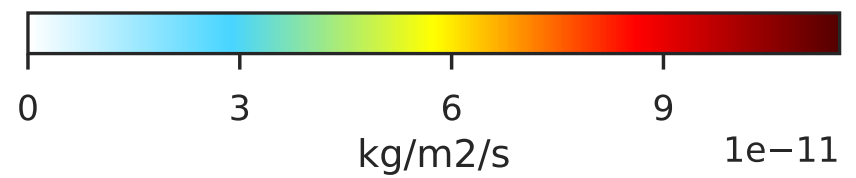
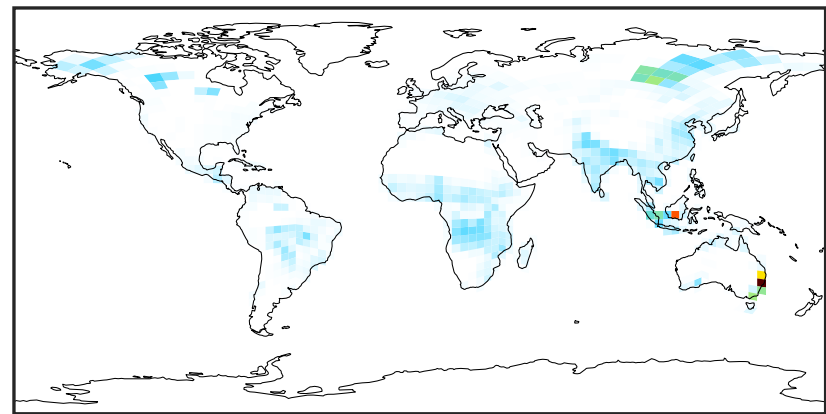
Ref and Dev equal throughout domain
unitless

EmisOCPI_Total (AnnualMean)

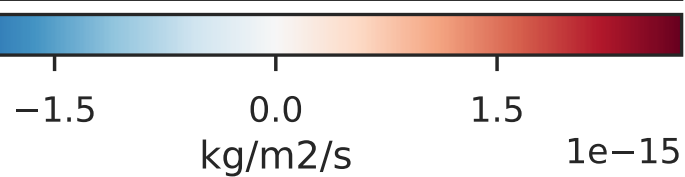
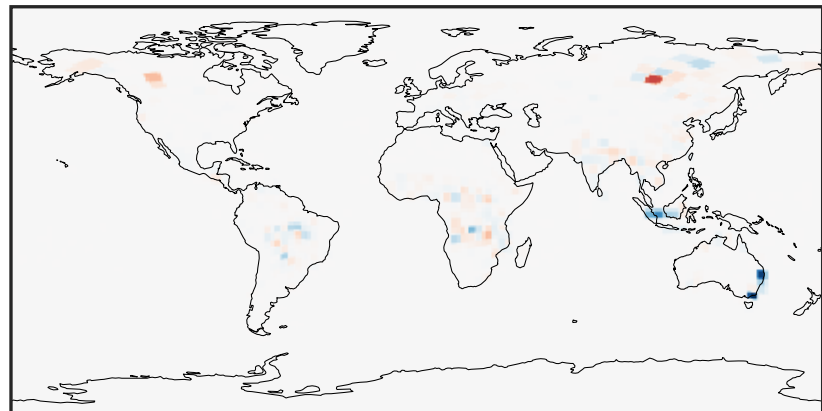
GCHP_14.0.0 (Ref)
c24



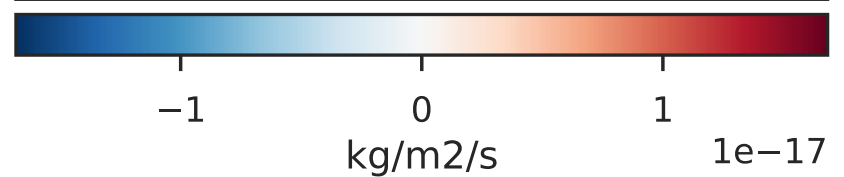
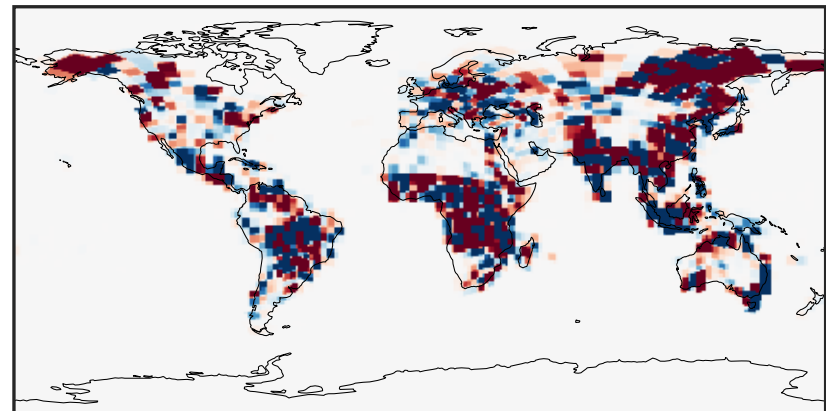
GCHP_14.2.0 (Dev)
c24



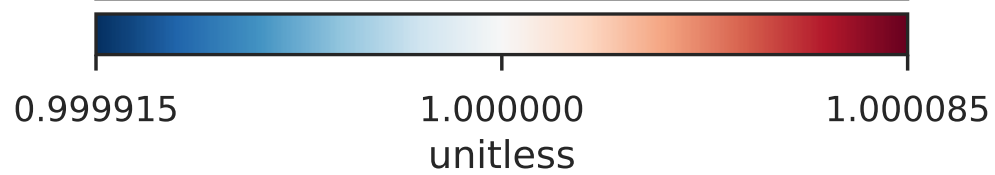
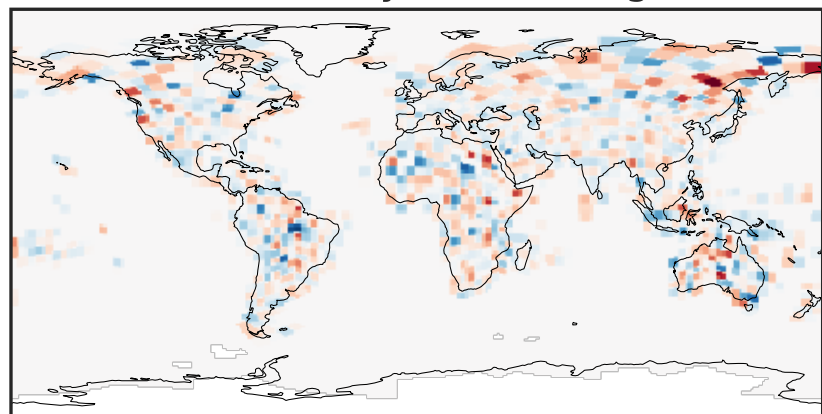
Difference (1x1.25)
Dev - Ref, Dynamic Range



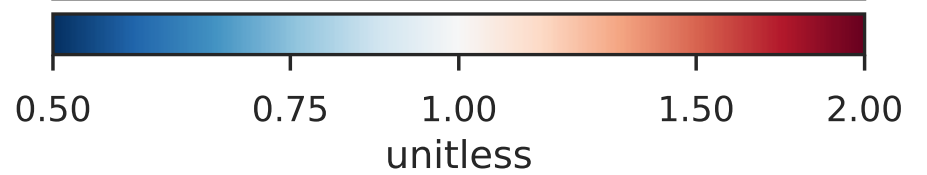
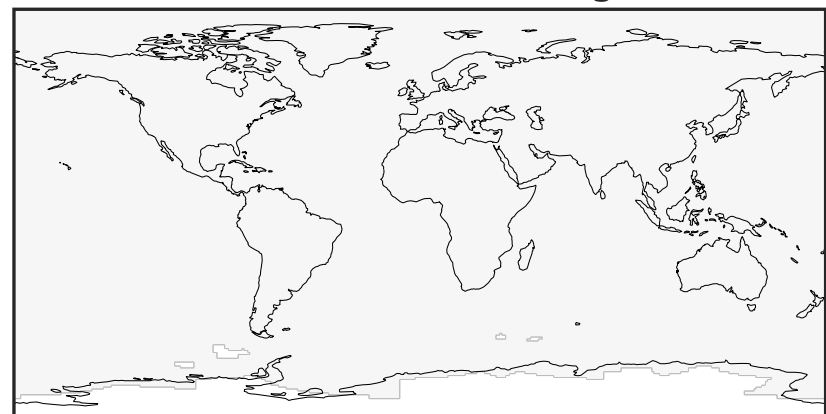
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

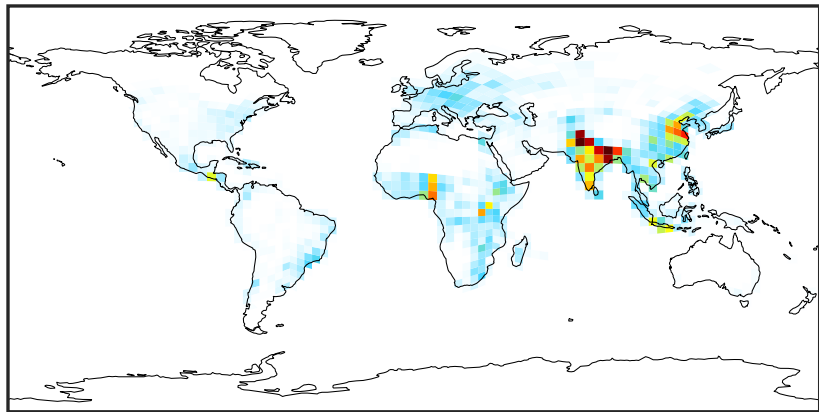


Ratio (1x1.25)
Dev/Ref, Fixed Range



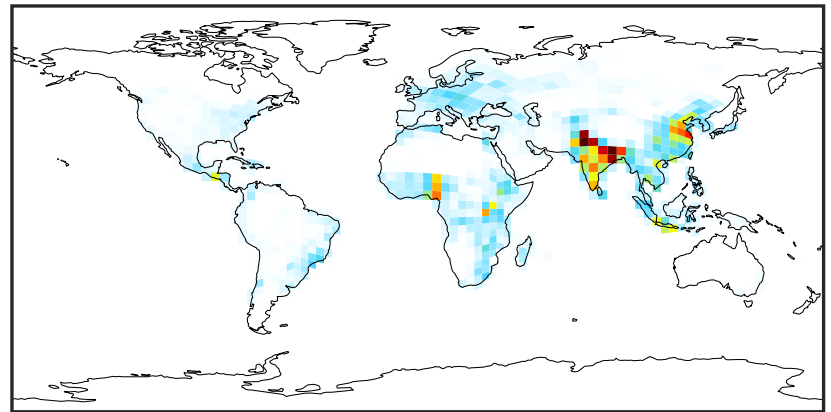
EmisOCPO_Anthro (AnnualMean)

GCHP_14.0.0 (Ref)
c24



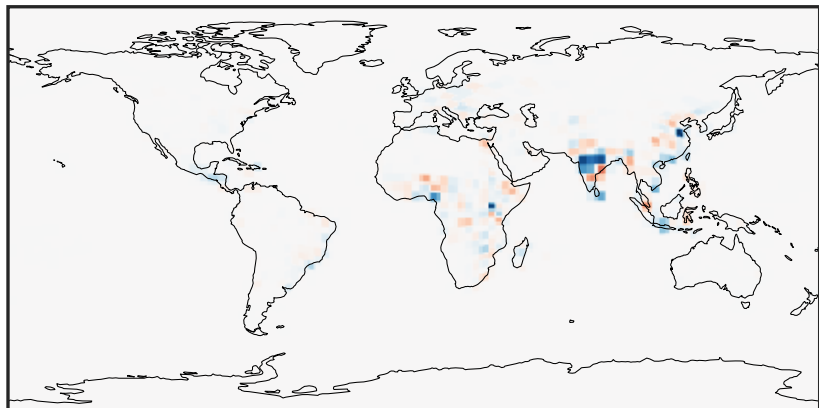
0.0 0.6 1.2 1.8
kg/m²/s 1e-11

GCHP_14.2.0 (Dev)
c24



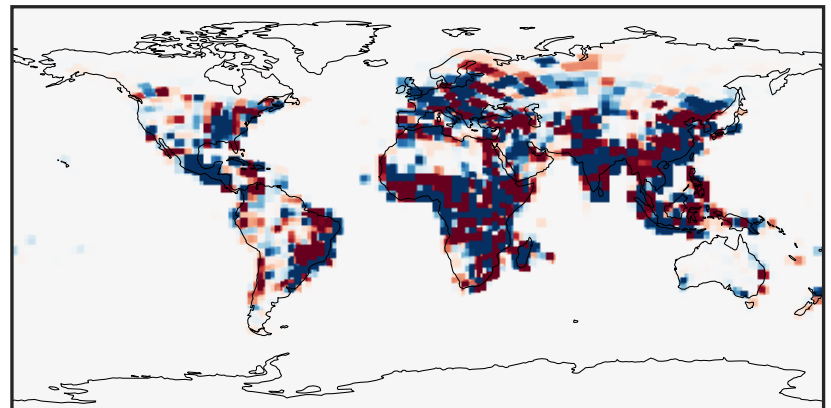
0.0 0.6 1.2 1.8
kg/m²/s 1e-11

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



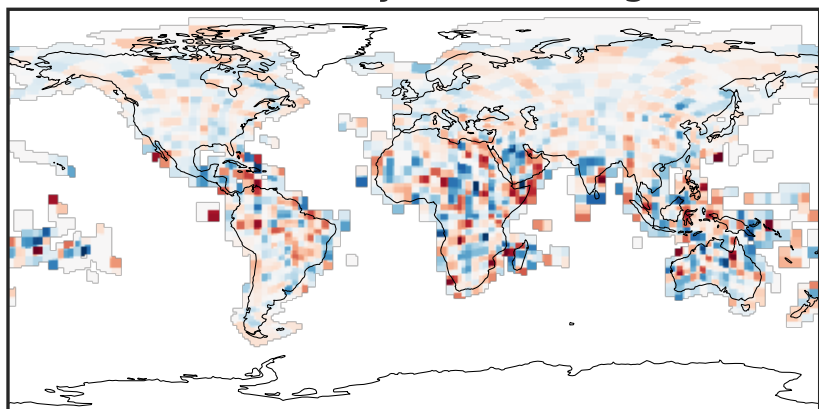
-4 0 4
kg/m²/s 1e-16

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



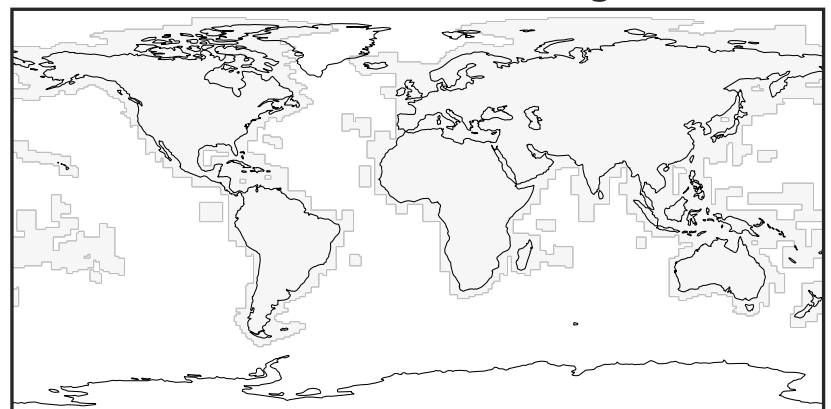
-4 0 4
kg/m²/s 1e-18

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



0.999913 1.000000 1.000087
unitless

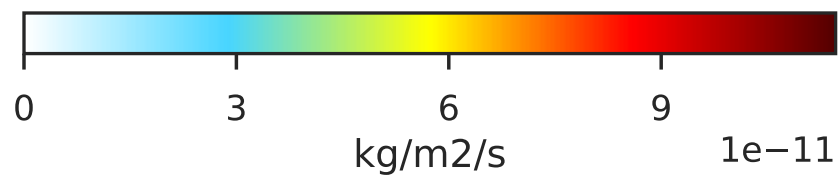
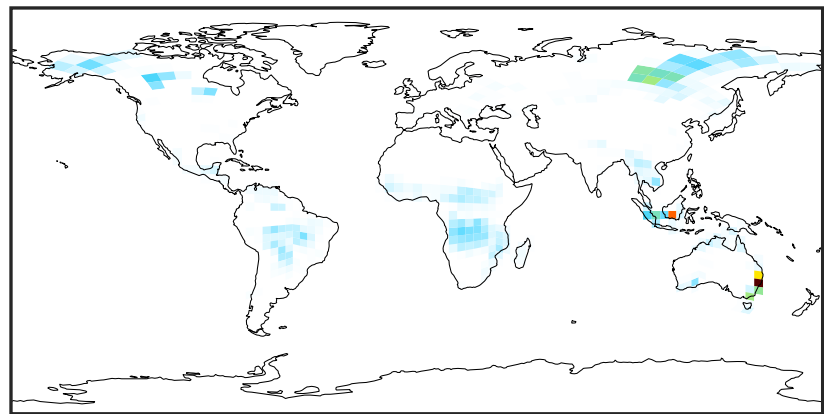
Ratio (1x1.25)
Dev/Ref, Fixed Range



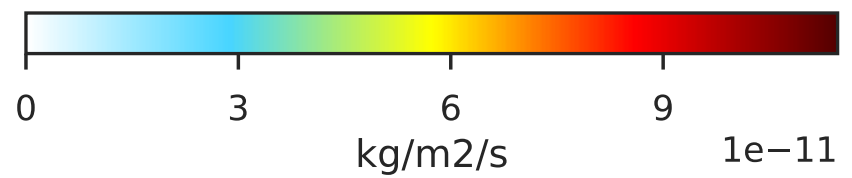
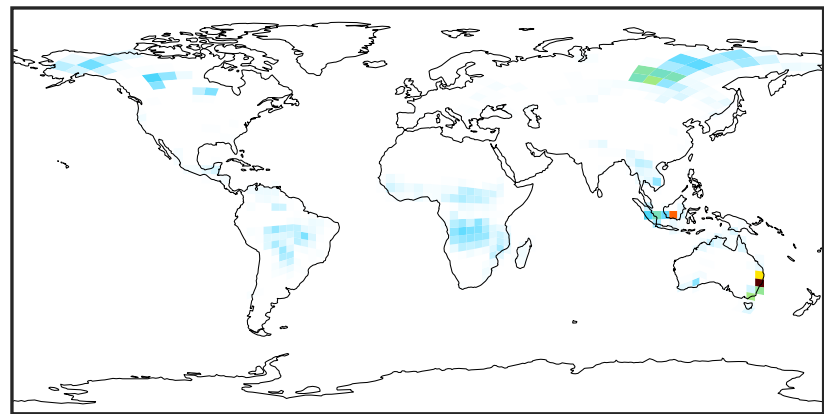
0.50 0.75 1.00 1.50 2.00
unitless

EmisOCPO_BioBurn (AnnualMean)

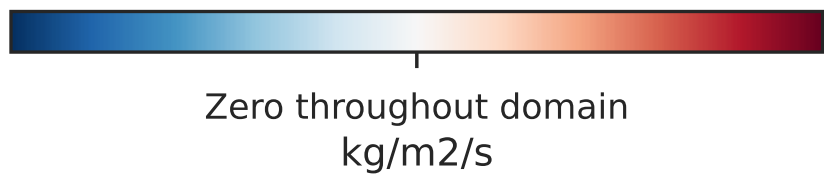
GCHP_14.0.0 (Ref)
c24



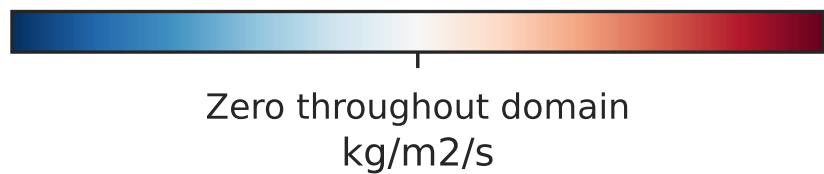
GCHP_14.2.0 (Dev)
c24



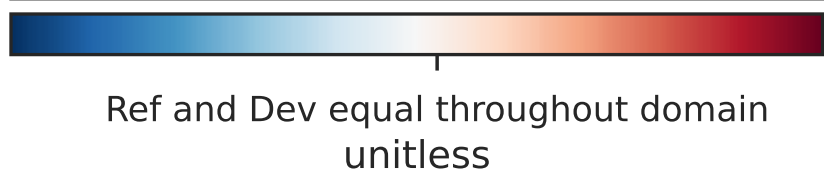
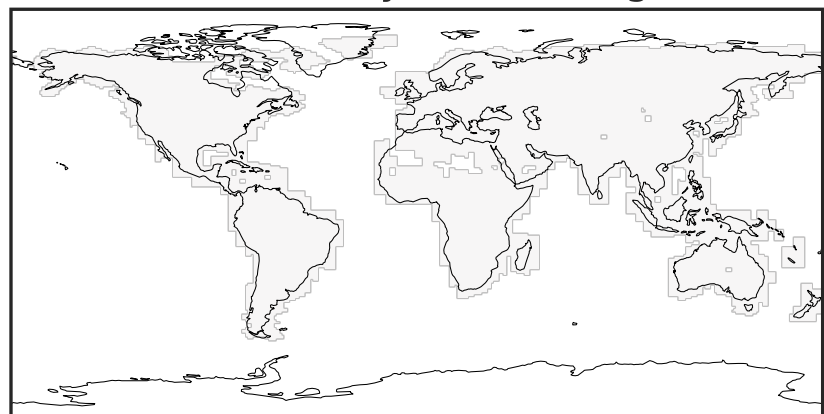
Difference (1x1.25)
Dev - Ref, Dynamic Range



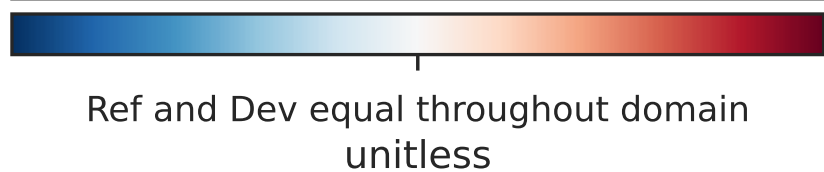
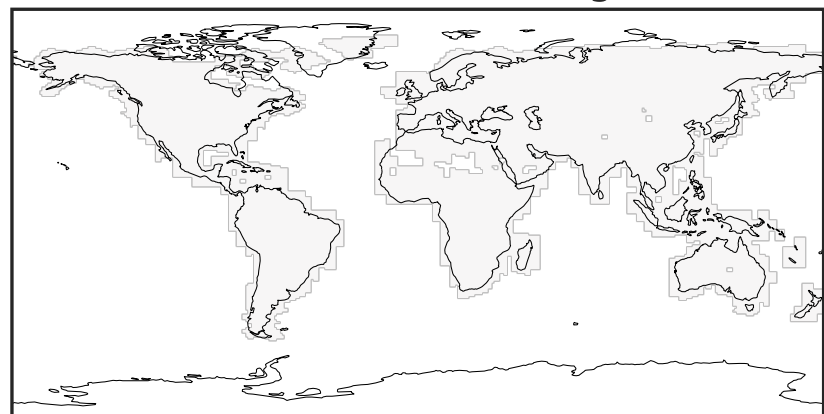
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

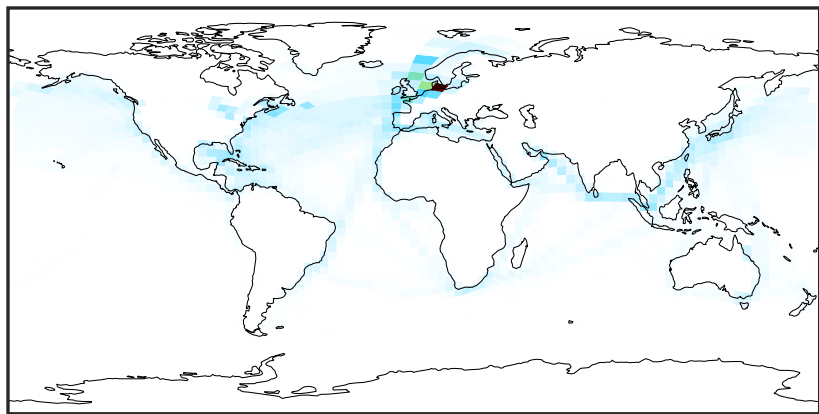


Ratio (1x1.25)
Dev/Ref, Fixed Range



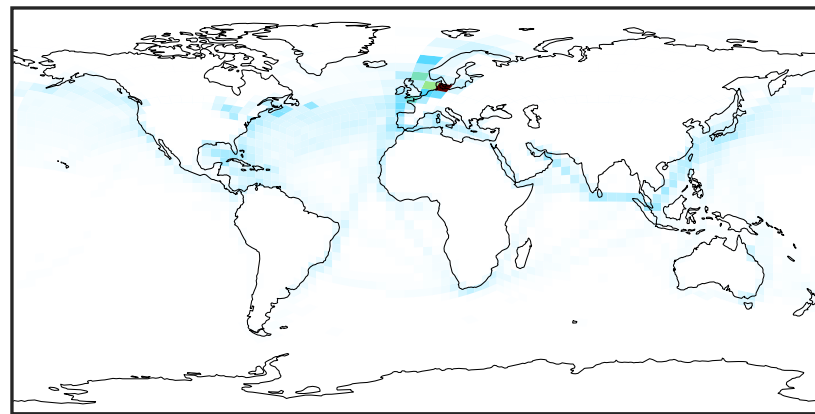
EmisOCPO_Ship (AnnualMean)

GCHP_14.0.0 (Ref)
c24



0.0 0.5 1.0 1.5
kg/m²/s 1e-13

GCHP_14.2.0 (Dev)
c24



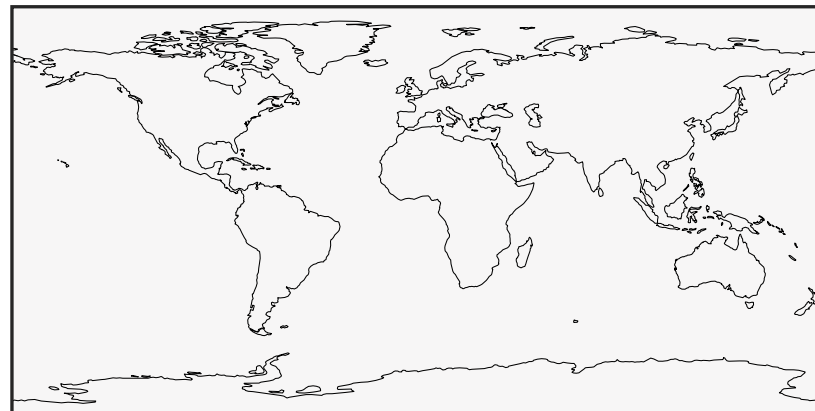
0.0 0.5 1.0 1.5
kg/m²/s 1e-13

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



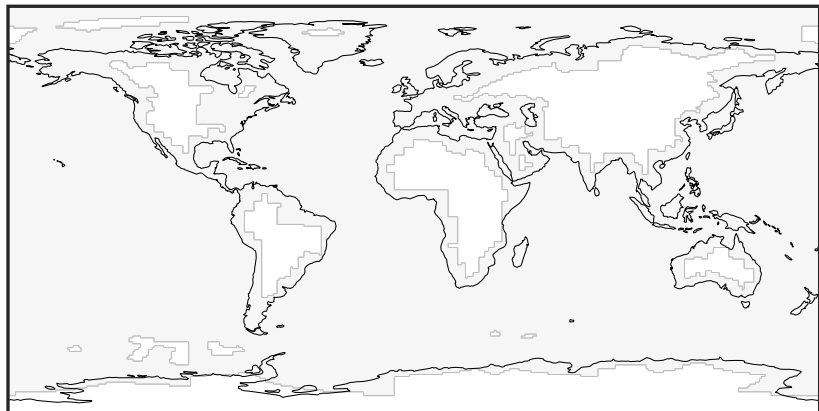
Zero throughout domain
kg/m²/s

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



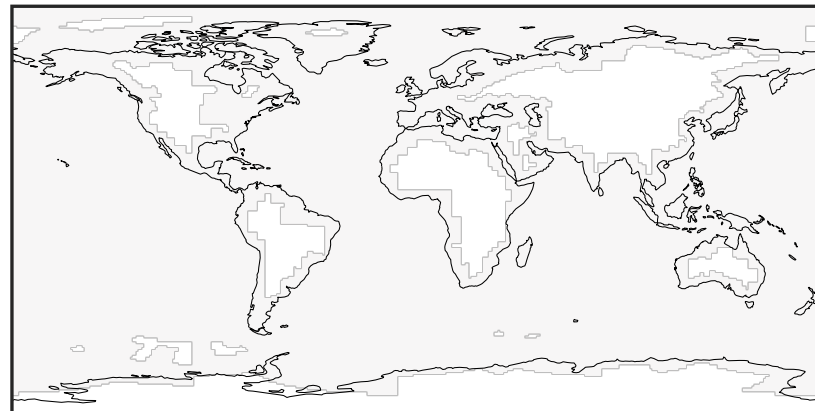
Zero throughout domain
kg/m²/s

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



Ref and Dev equal throughout domain
unitless

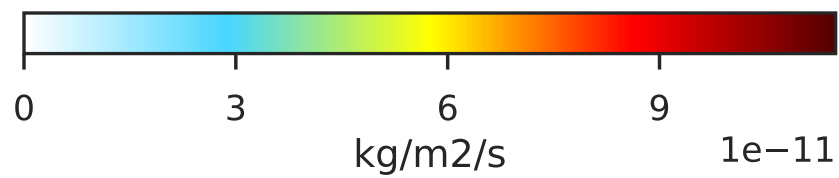
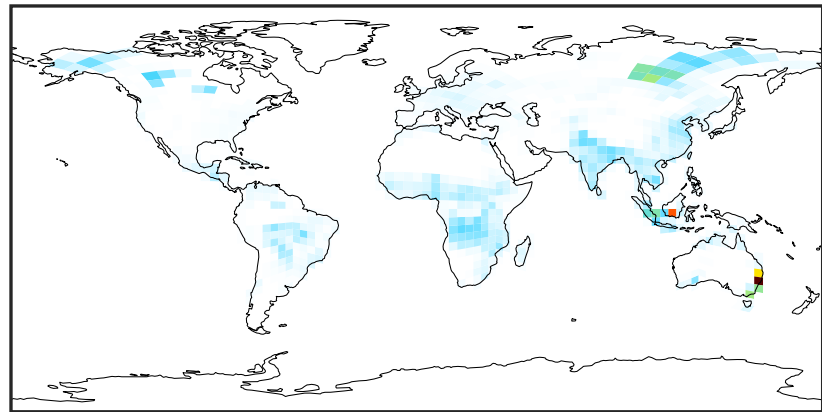
Ratio (1x1.25)
Dev/Ref, Fixed Range



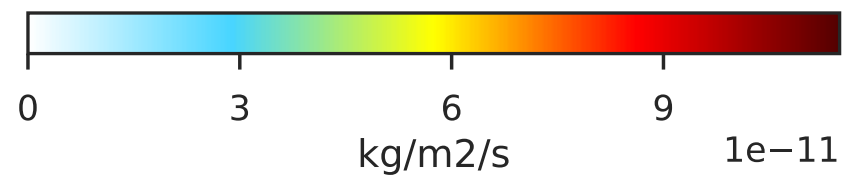
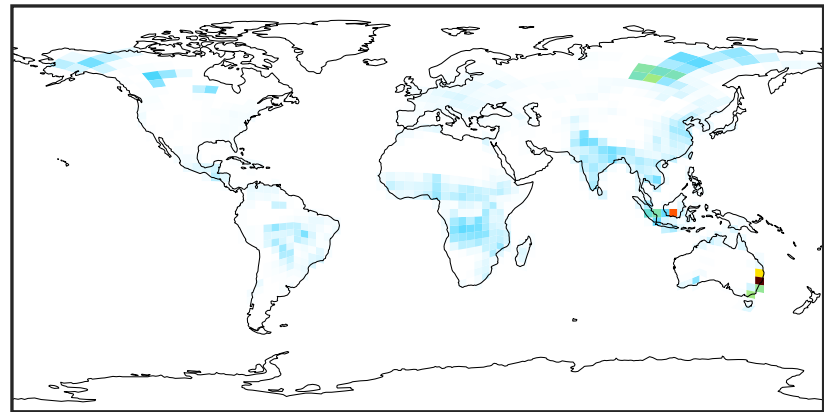
Ref and Dev equal throughout domain
unitless

EmisOCPO_Total (AnnualMean)

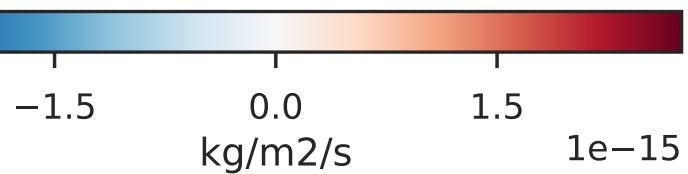
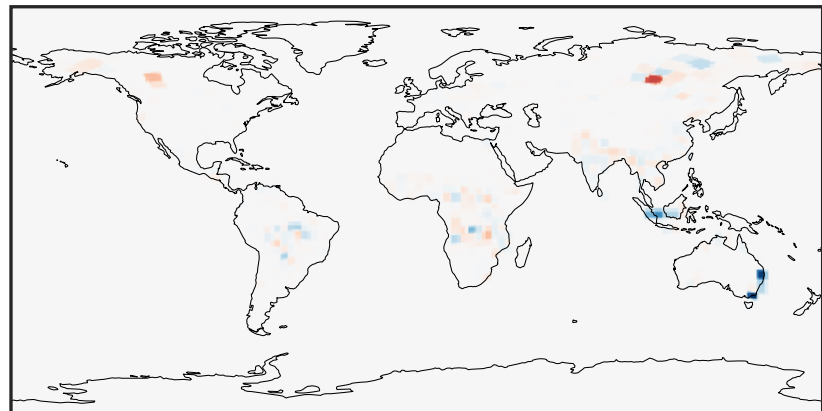
GCHP_14.0.0 (Ref)
c24



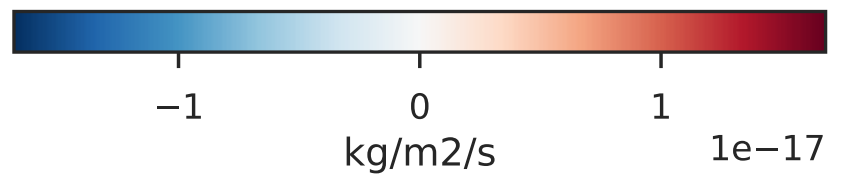
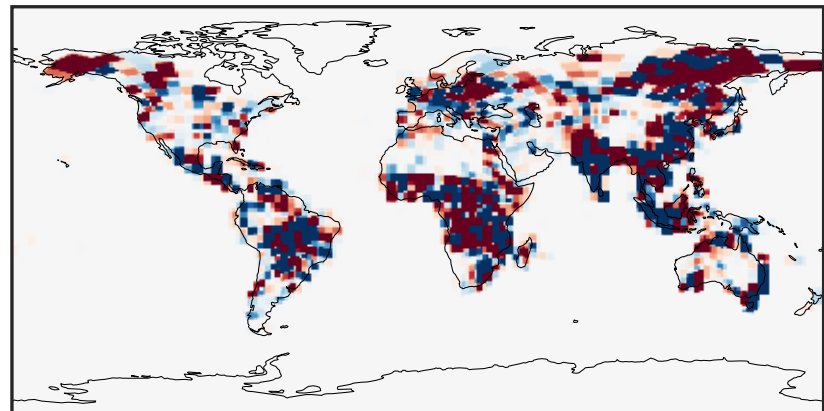
GCHP_14.2.0 (Dev)
c24



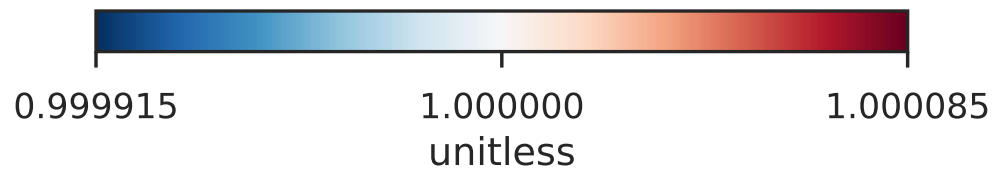
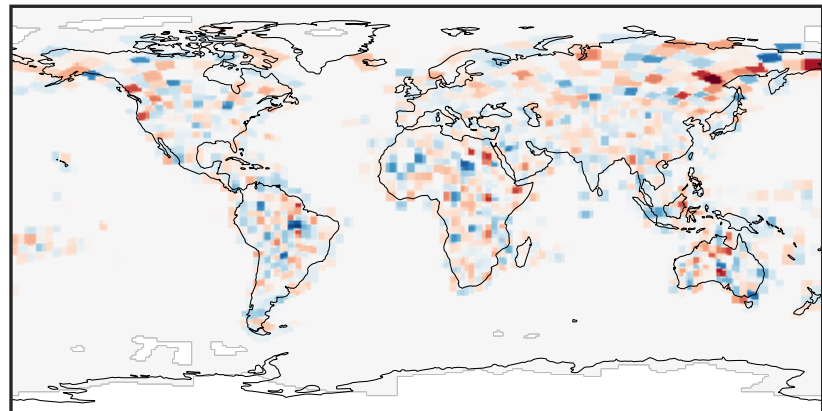
Difference (1x1.25)
Dev - Ref, Dynamic Range



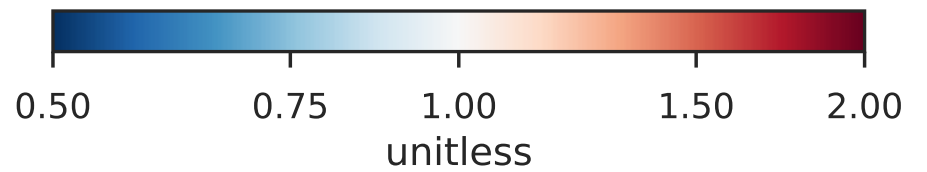
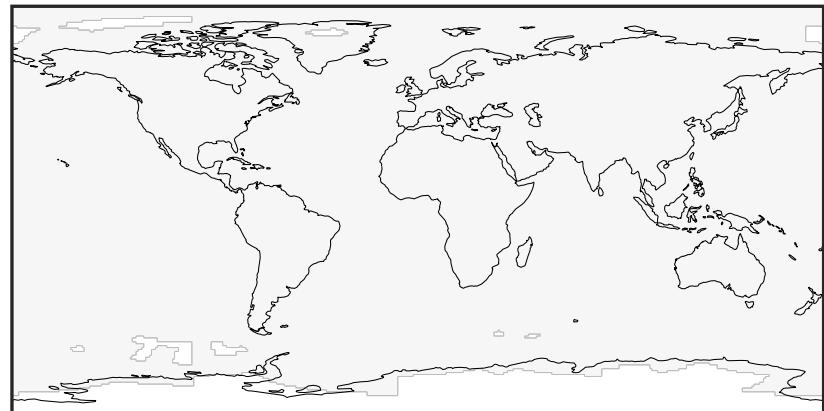
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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



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



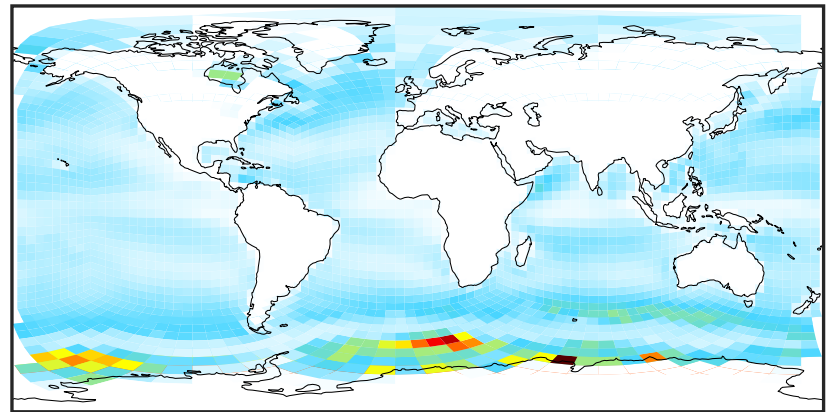
EmisBrSALA_Natural (AnnualMean)

GCHP_14.0.0 (Ref)
c24



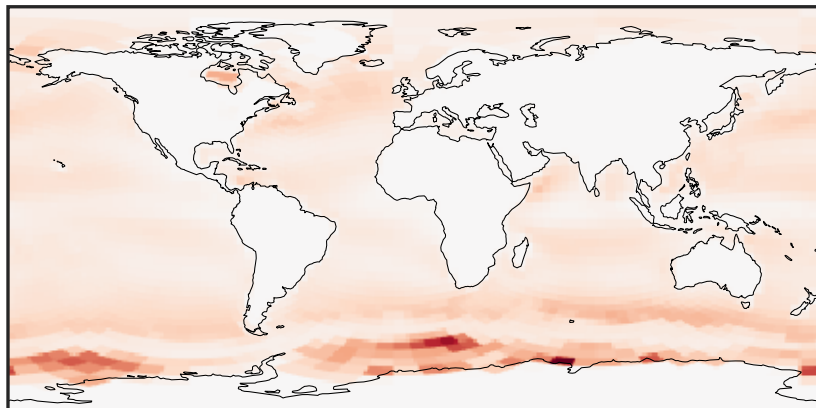
Zero throughout domain
kg/m²/s

GCHP_14.2.0 (Dev)
c24



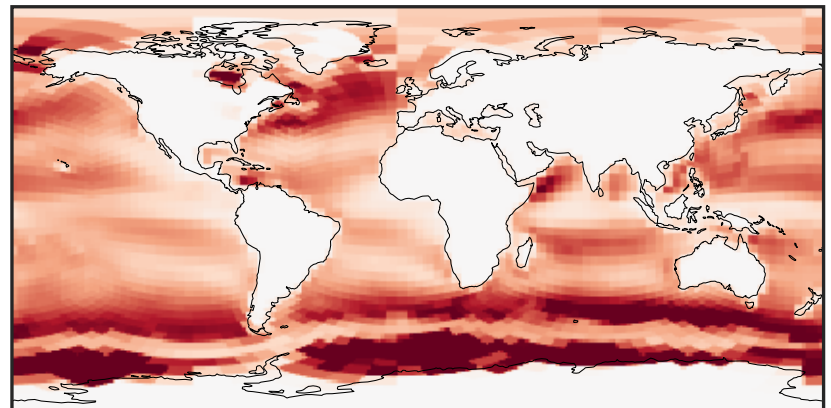
0.0 2.5 5.0 7.5
kg/m²/s 1e-14

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



-5 0 5
kg/m²/s 1e-14

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

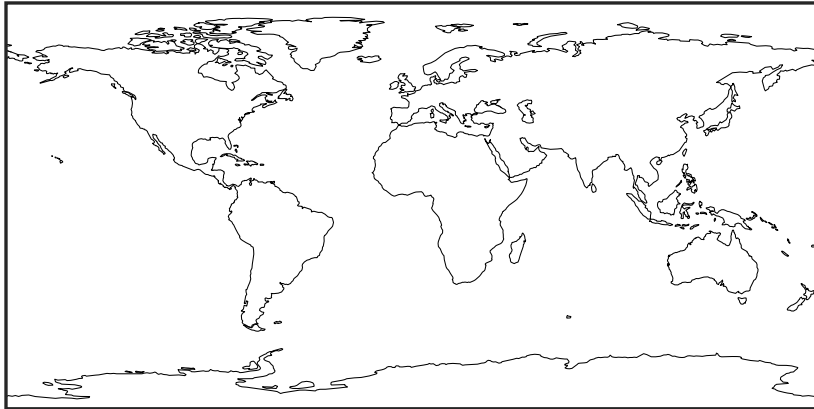
Ratio (1x1.25)
Dev/Ref, Fixed Range



Undefined throughout domain
unitless

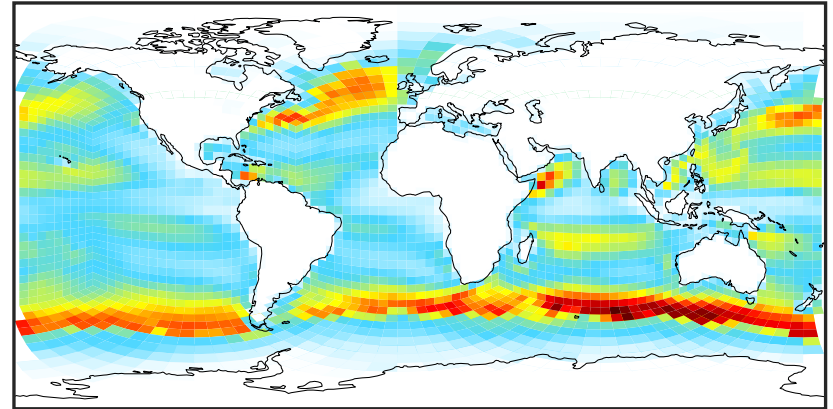
EmisBrSALC_Natural (AnnualMean)

GCHP_14.0.0 (Ref)
c24



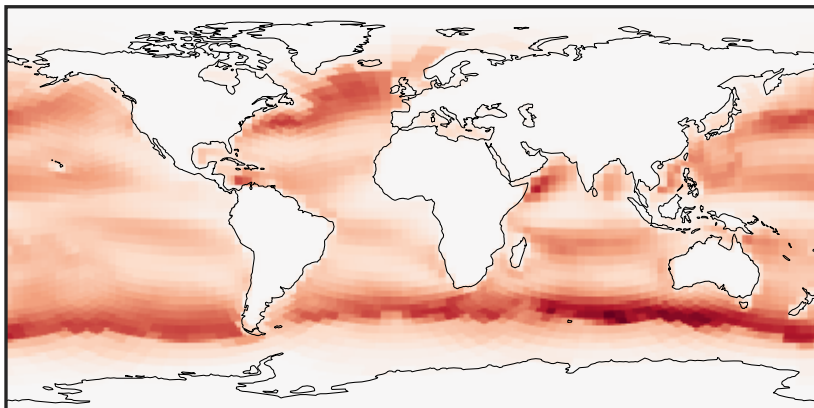
Zero throughout domain
kg/m²/s

GCHP_14.2.0 (Dev)
c24



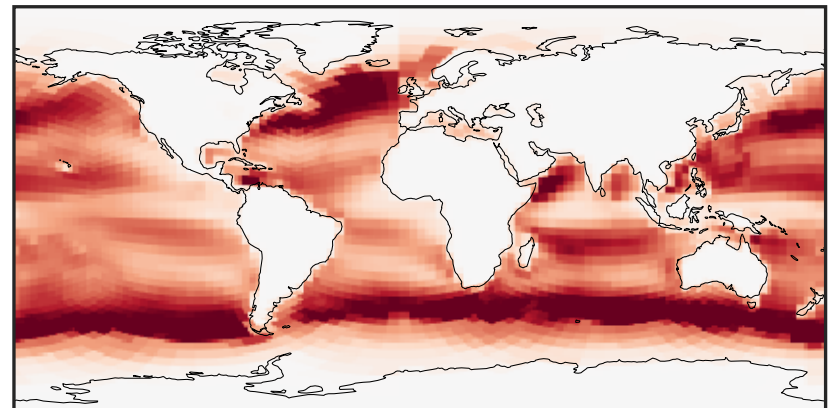
0.0 0.6 1.2 1.8
kg/m²/s 1e-12

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



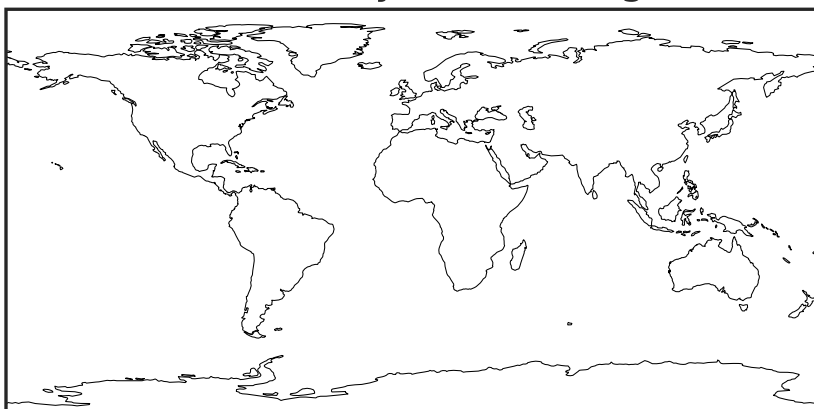
-1.5 0.0 1.5
kg/m²/s 1e-12

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



-6 0 6
kg/m²/s 1e-13

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



Undefined throughout domain
unitless

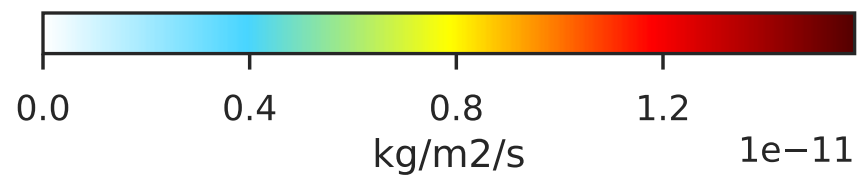
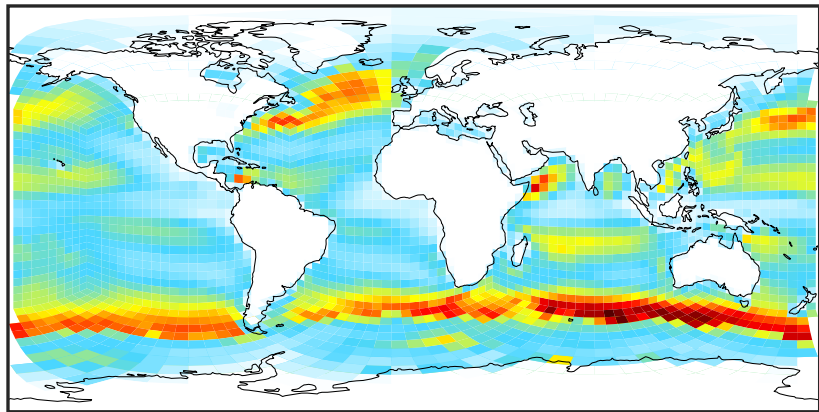
Ratio (1x1.25)
Dev/Ref, Fixed Range



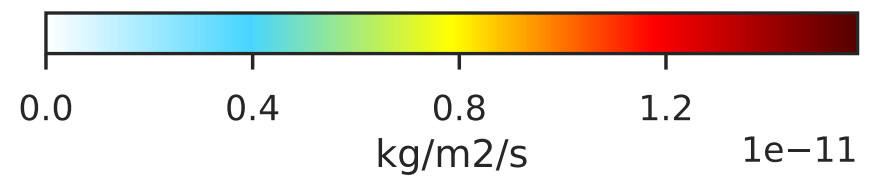
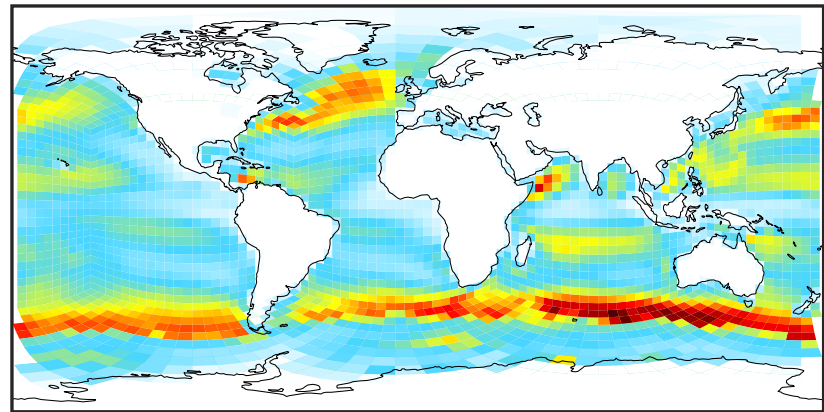
Undefined throughout domain
unitless

EmisSALA_Natural (AnnualMean)

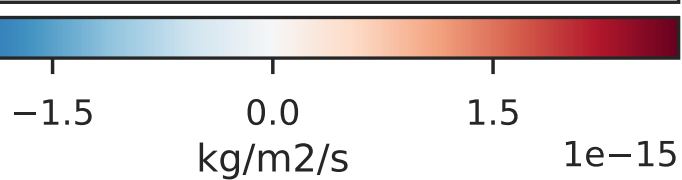
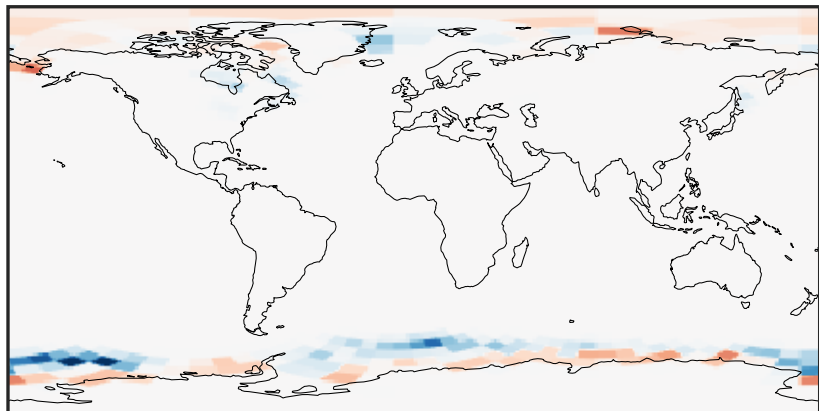
GCHP_14.0.0 (Ref)
c24



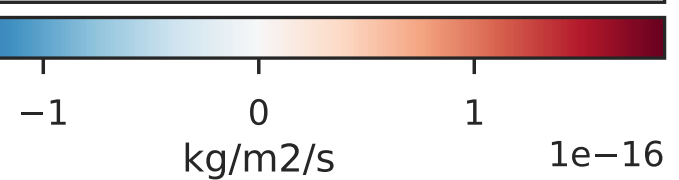
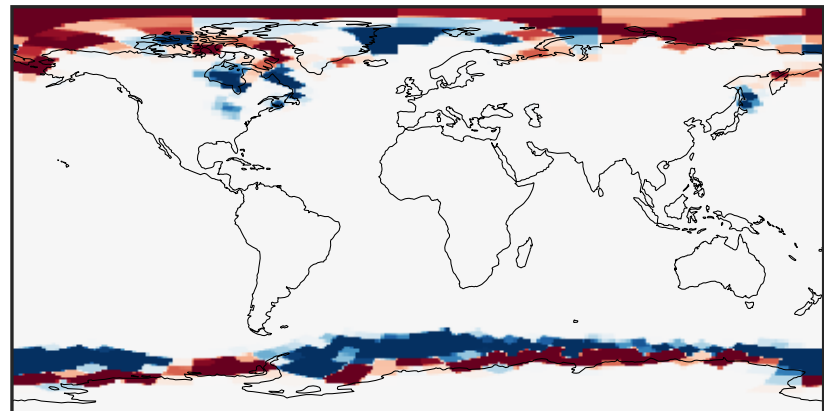
GCHP_14.2.0 (Dev)
c24



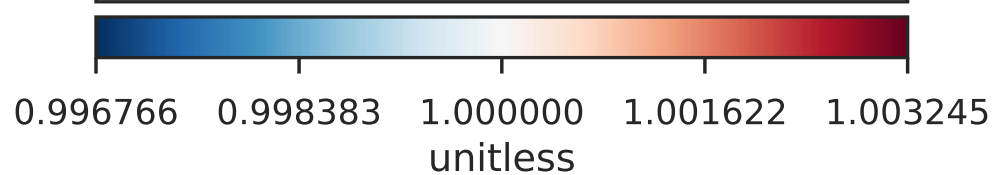
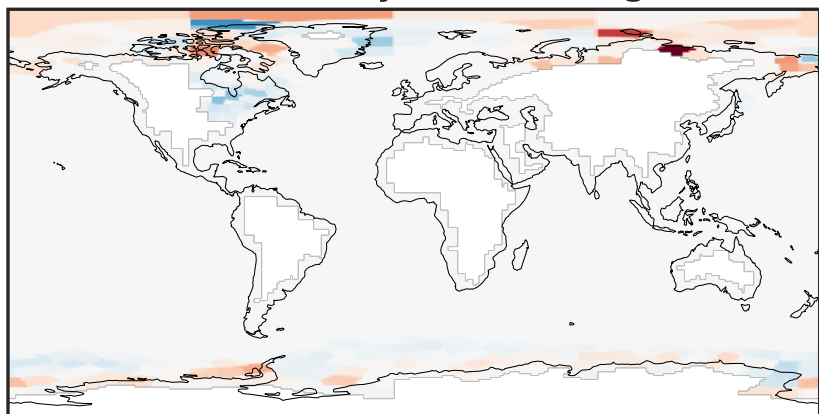
Difference (1x1.25)
Dev - Ref, Dynamic Range



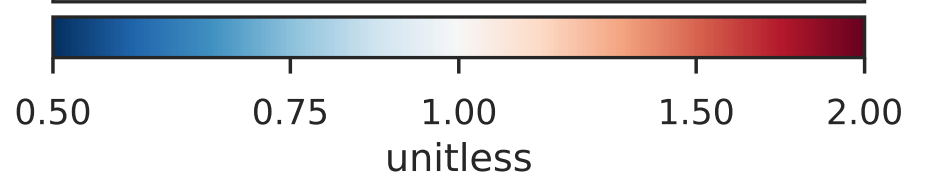
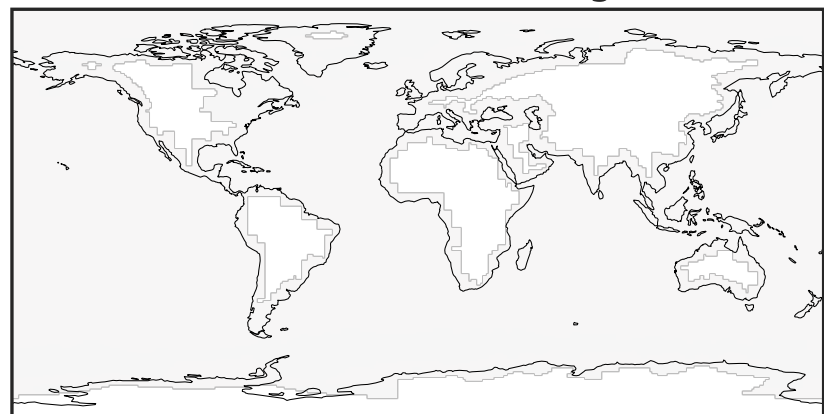
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

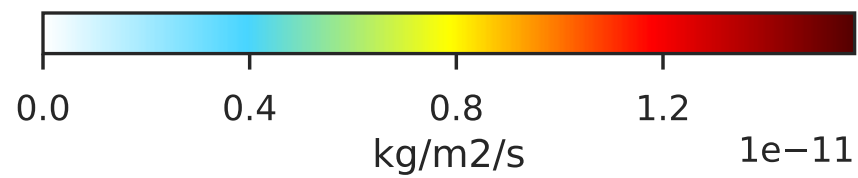
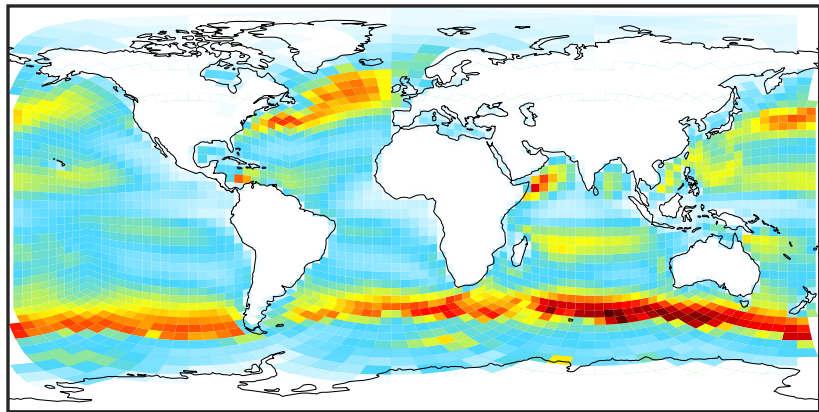


Ratio (1x1.25)
Dev/Ref, Fixed Range

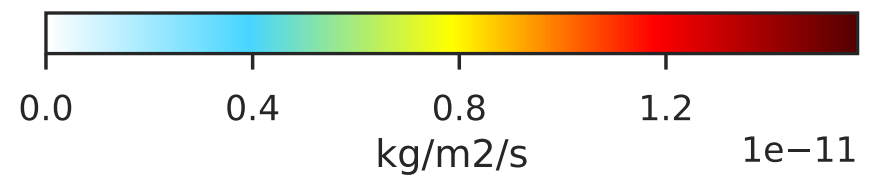
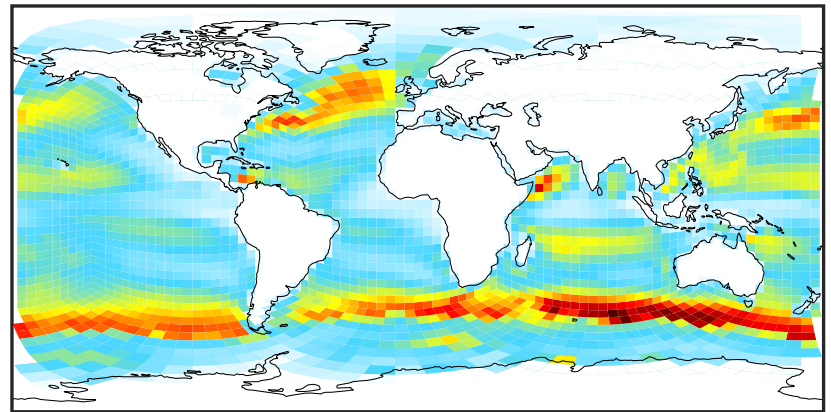


EmisSALAAL_Natural (AnnualMean)

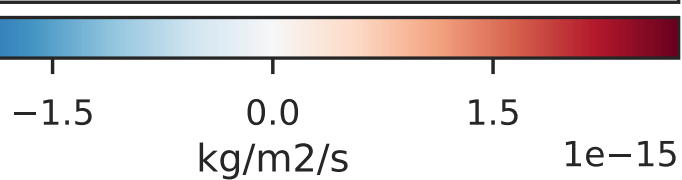
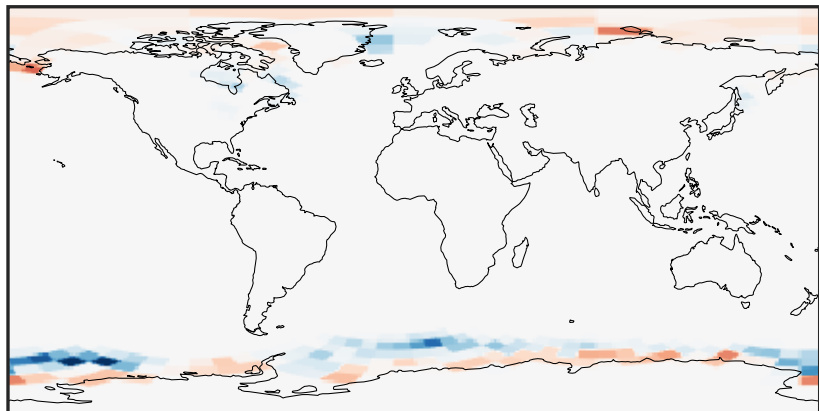
GCHP_14.0.0 (Ref)
c24



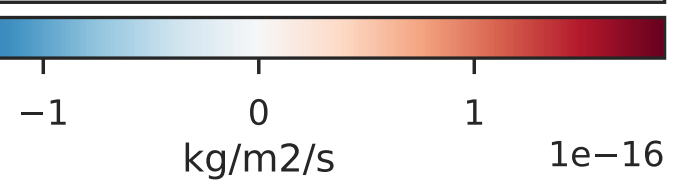
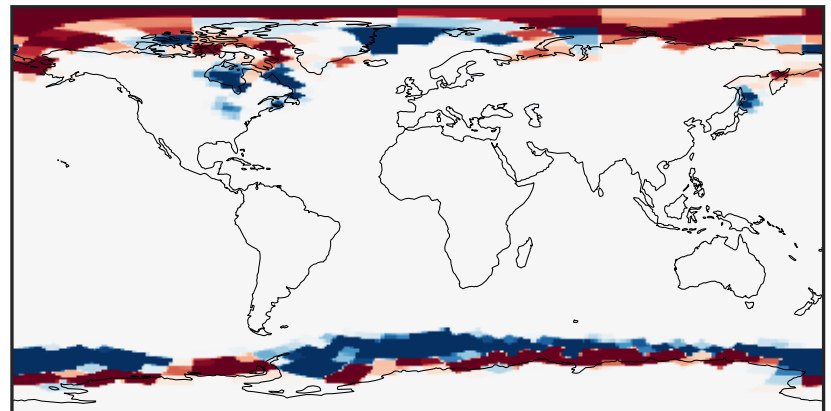
GCHP_14.2.0 (Dev)
c24



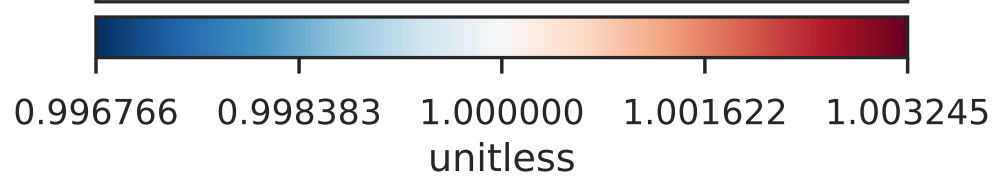
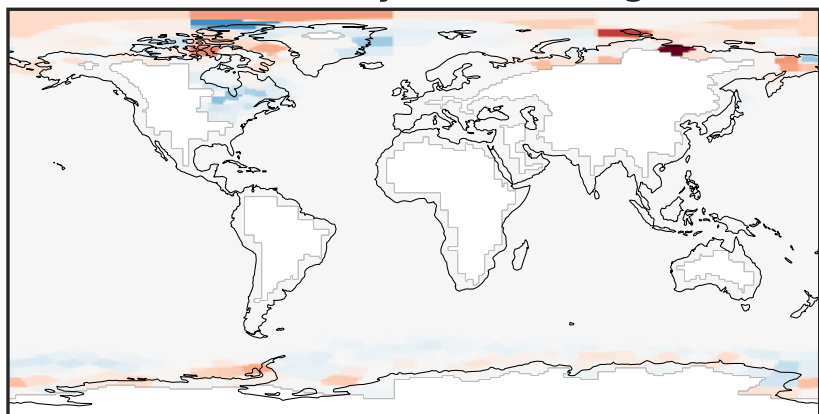
Difference (1x1.25)
Dev - Ref, Dynamic Range



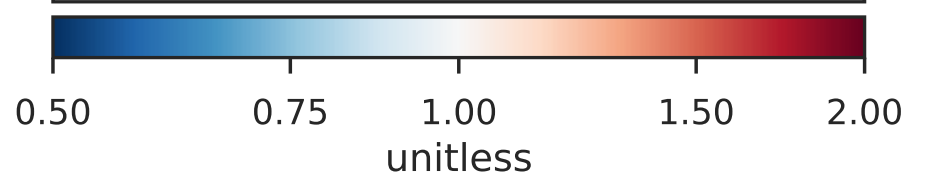
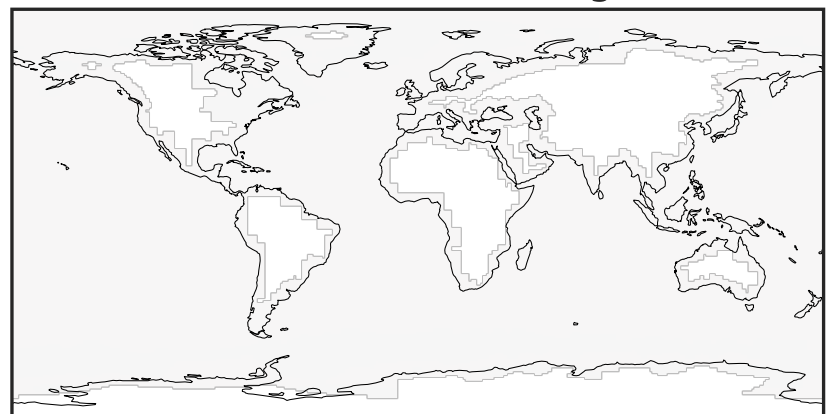
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

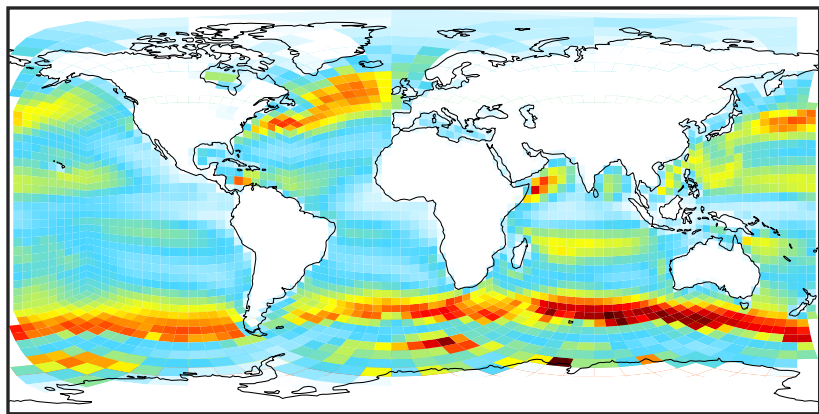


Ratio (1x1.25)
Dev/Ref, Fixed Range



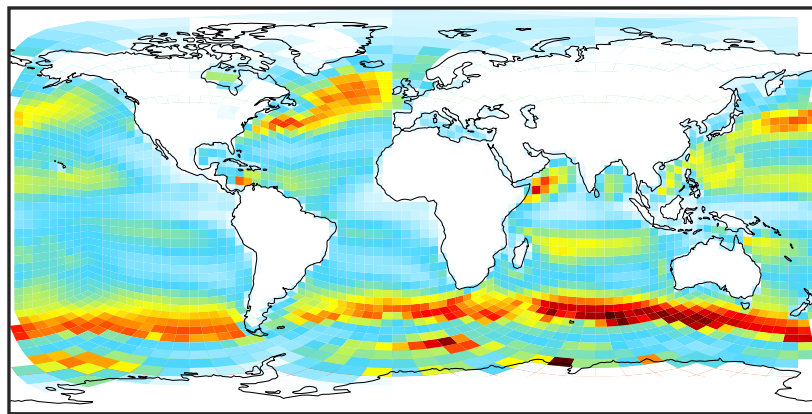
EmisSALACL_Natural (AnnualMean)

GCHP_14.0.0 (Ref)
c24



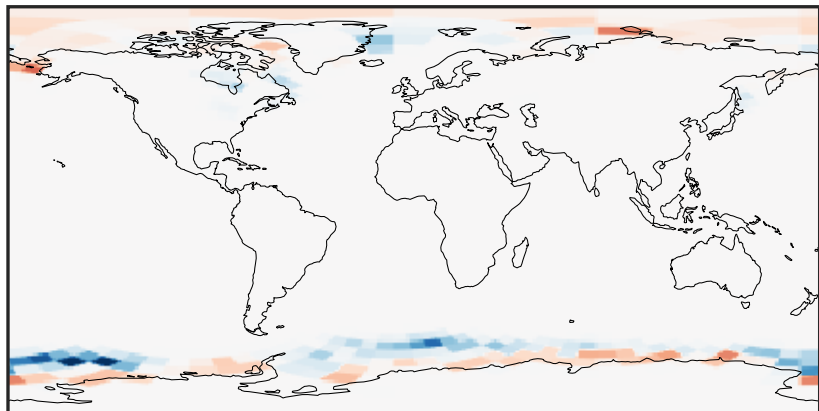
0.0 2.5 5.0 7.5
kg/m²/s 1e-12

GCHP_14.2.0 (Dev)
c24



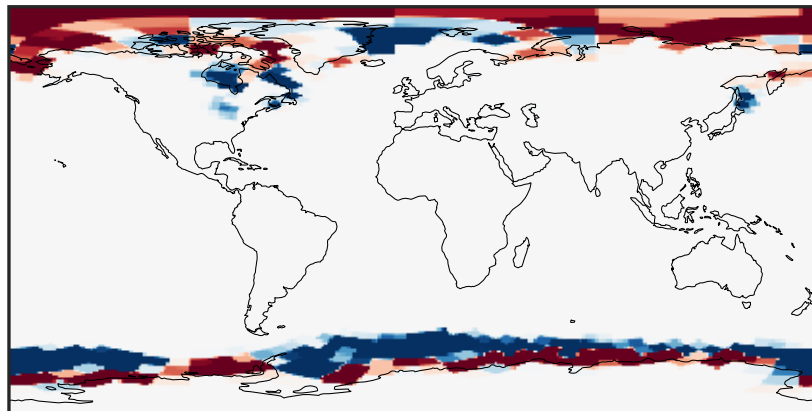
0.0 2.5 5.0 7.5
kg/m²/s 1e-12

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



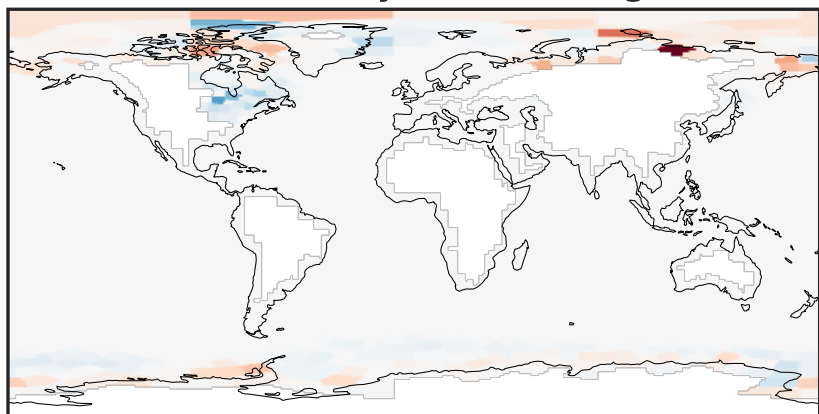
-2 0 2
kg/m²/s 1e-15

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



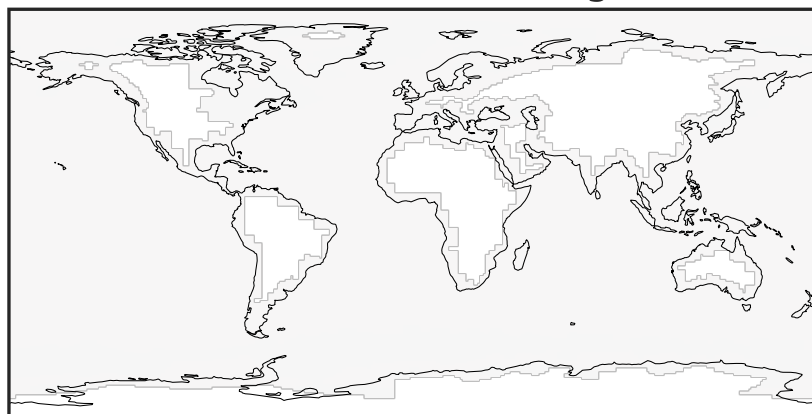
-1.5 0.0 1.5
kg/m²/s 1e-16

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



0.995199 0.997599 1.000000 1.002412 1.004824
unitless

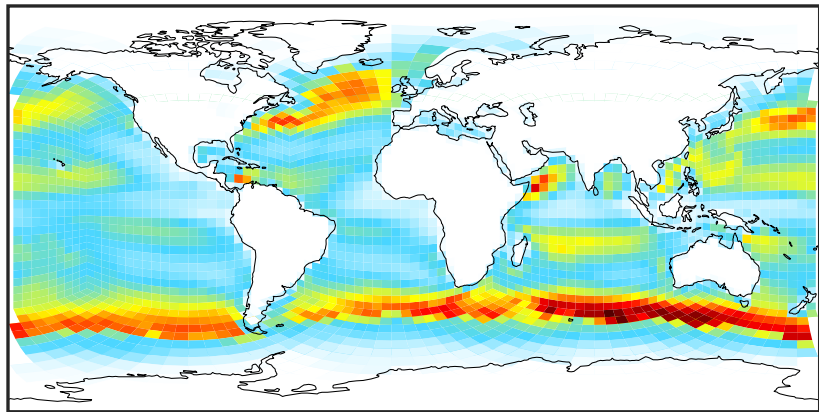
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

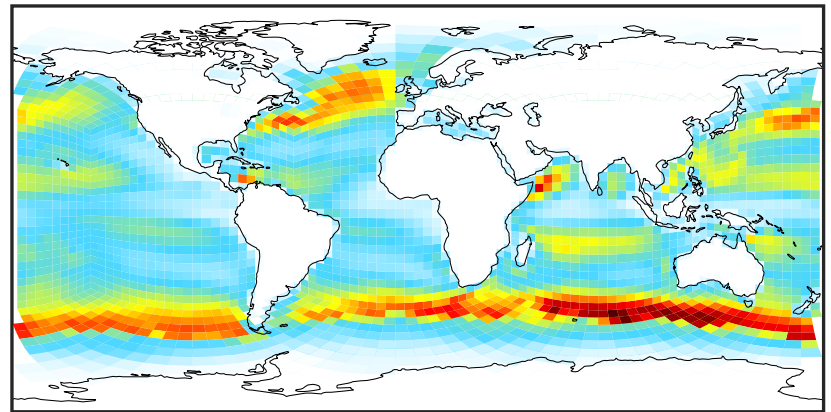
EmisSALC_Natural (AnnualMean)

GCHP_14.0.0 (Ref)
c24



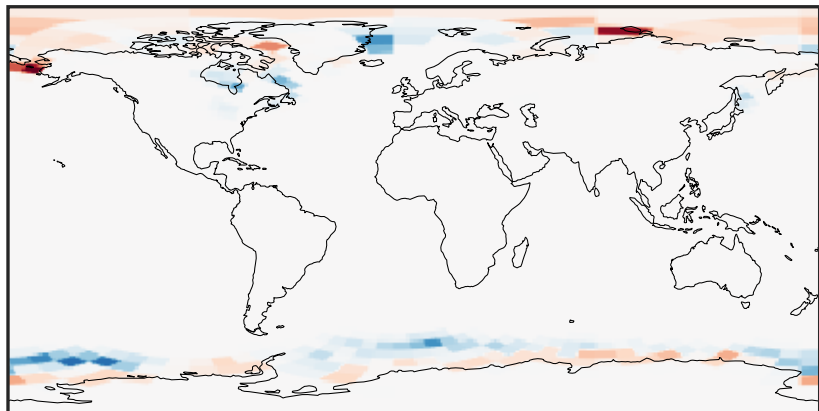
0.0 2.5 5.0 7.5 $1e-10$
kg/m²/s

GCHP_14.2.0 (Dev)
c24



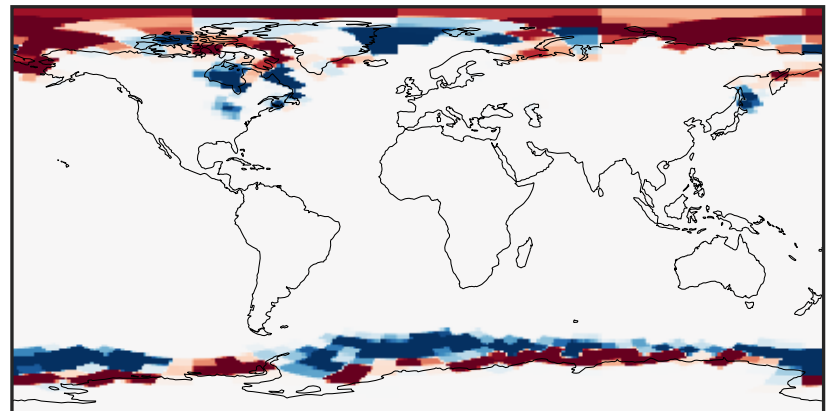
0.0 2.5 5.0 7.5 $1e-10$
kg/m²/s

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



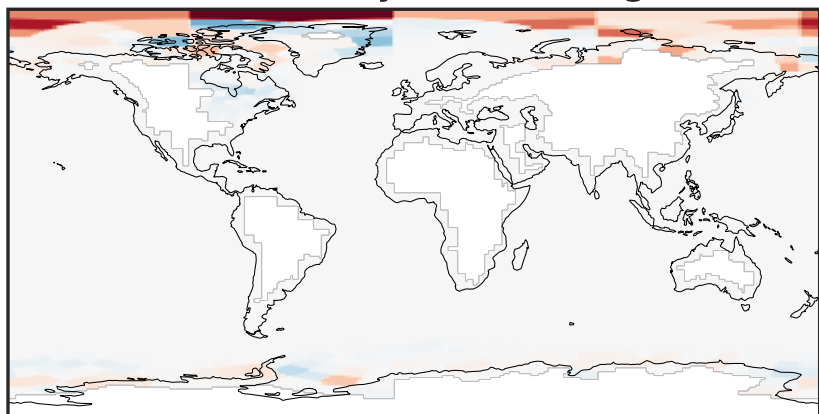
-1.5 0.0 1.5 $1e-15$
kg/m²/s

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



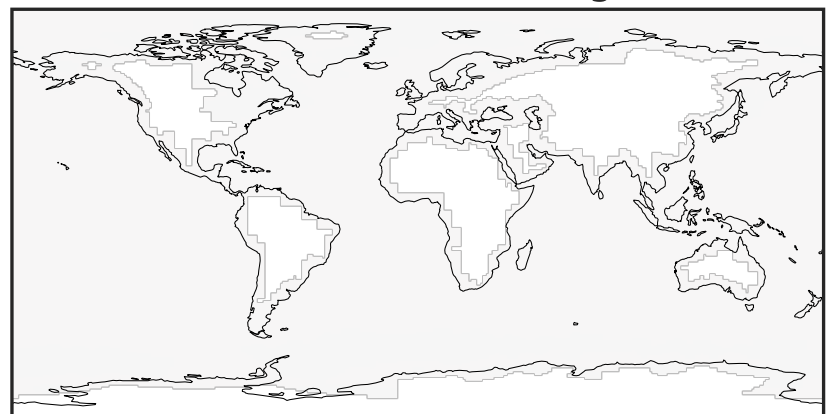
-1.5 0.0 1.5 $1e-16$
kg/m²/s

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



0.9996625 1.000000 1.0003376
unitless

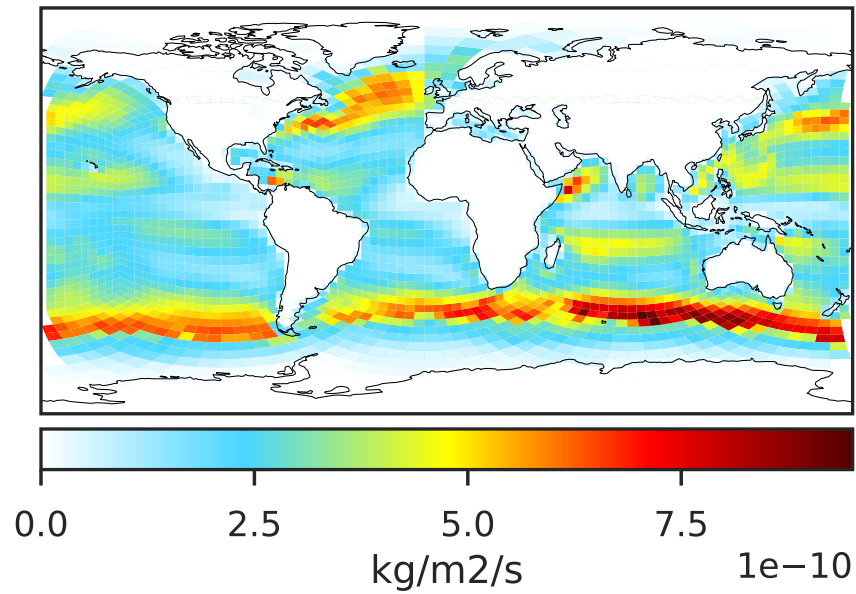
Ratio (1x1.25)
Dev/Ref, Fixed Range



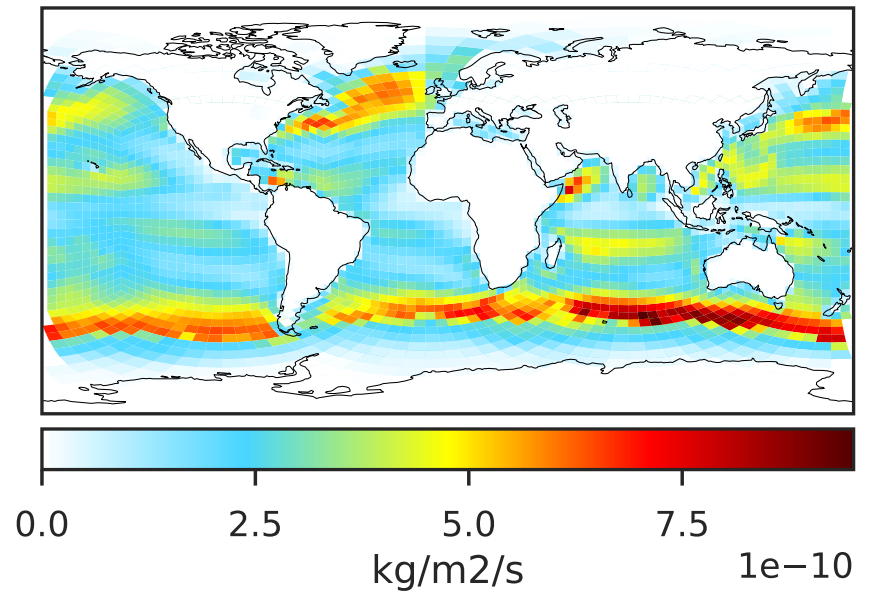
0.50 0.75 1.00 1.50 2.00
unitless

EmisSALCAL_Natural (AnnualMean)

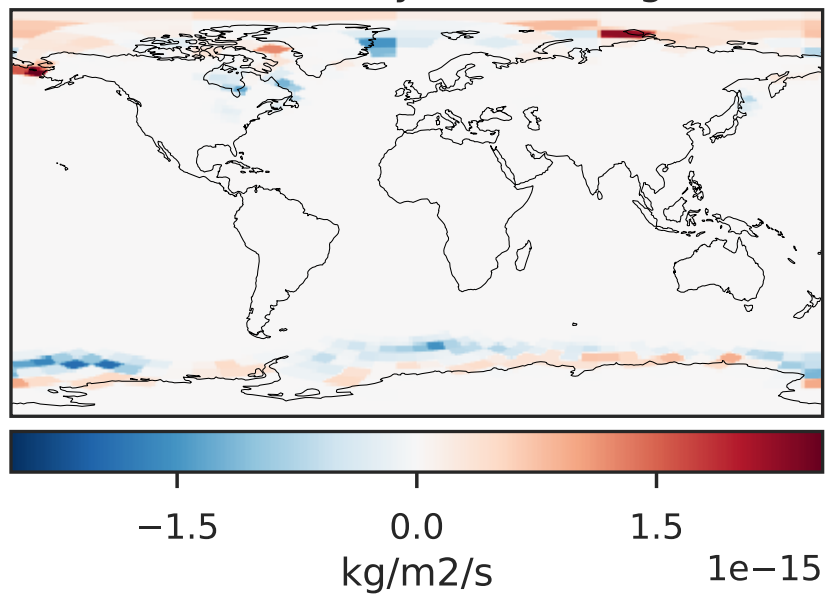
GCHP_14.0.0 (Ref)
c24



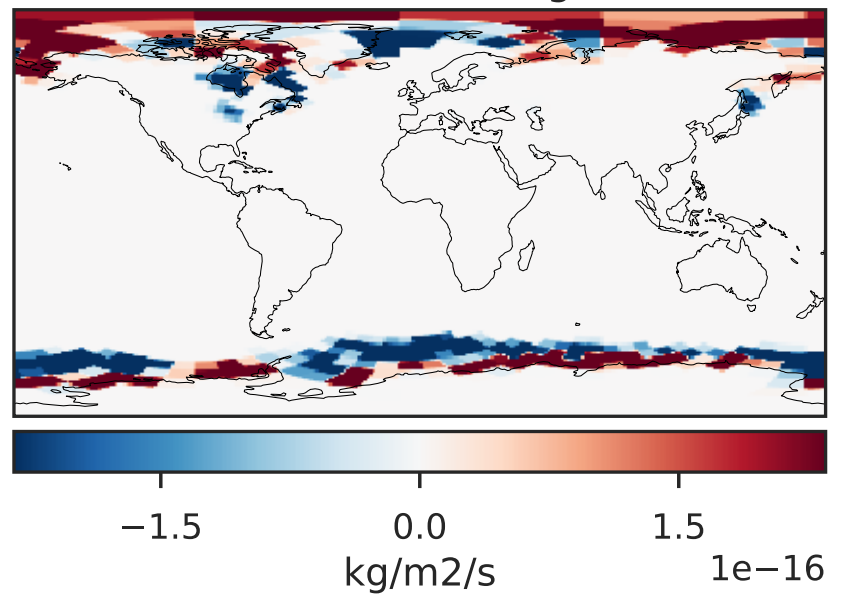
GCHP_14.2.0 (Dev)
c24



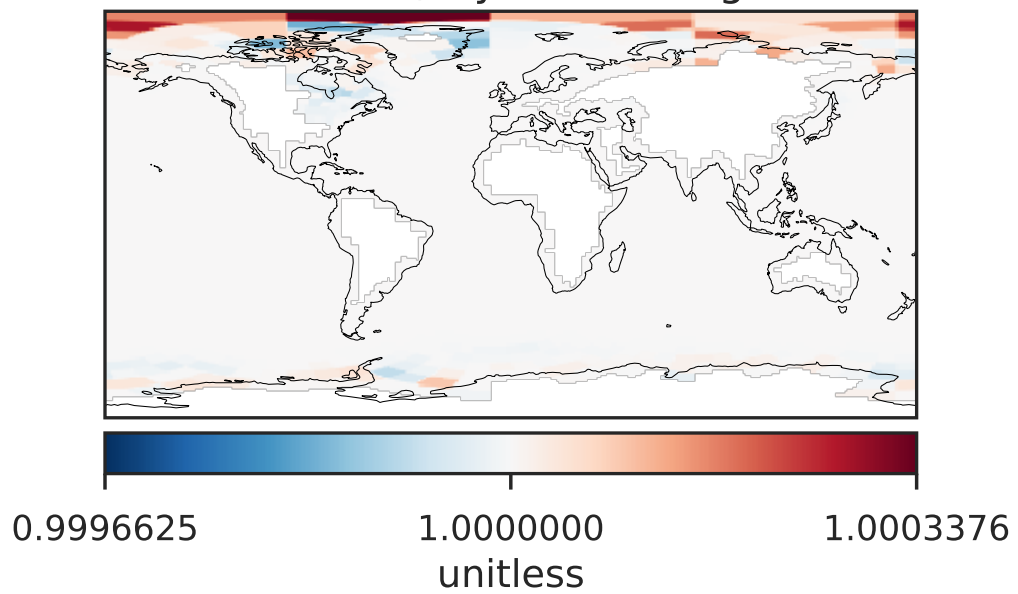
Difference (1x1.25)
Dev - Ref, Dynamic Range



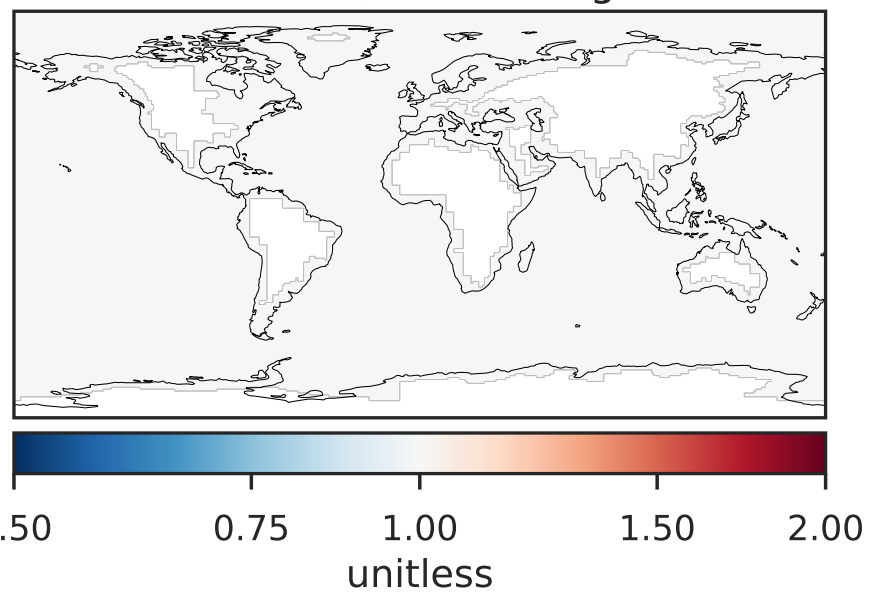
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

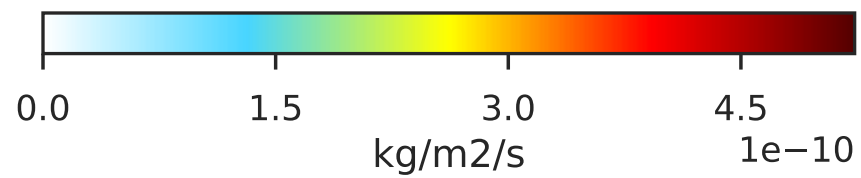
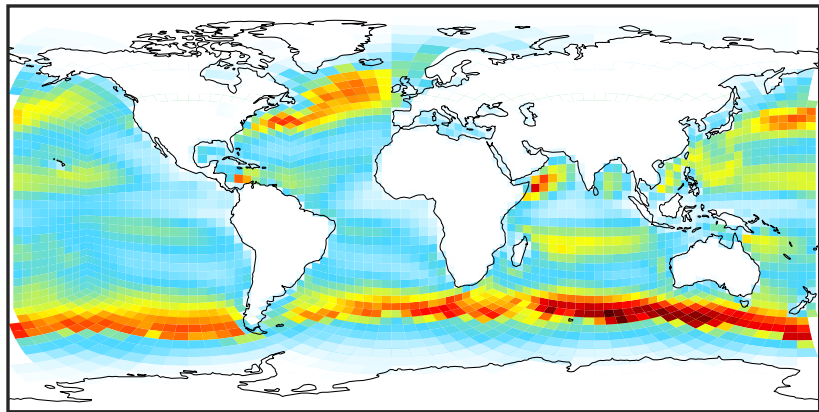


Ratio (1x1.25)
Dev/Ref, Fixed Range

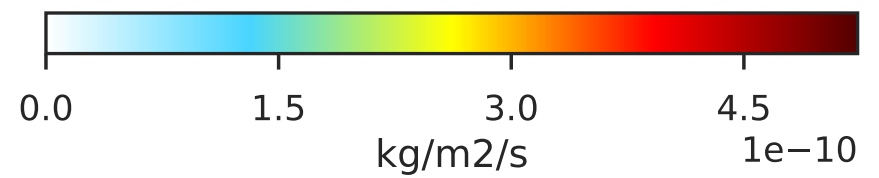
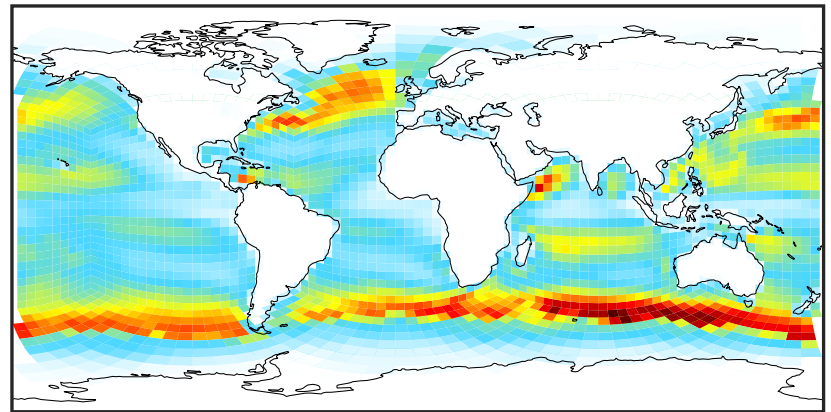


EmisSALCCL_Natural (AnnualMean)

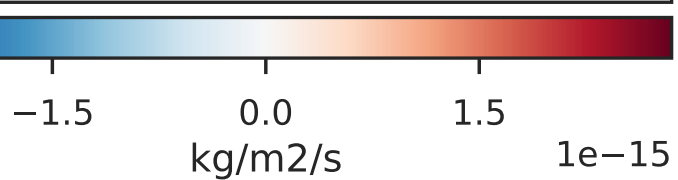
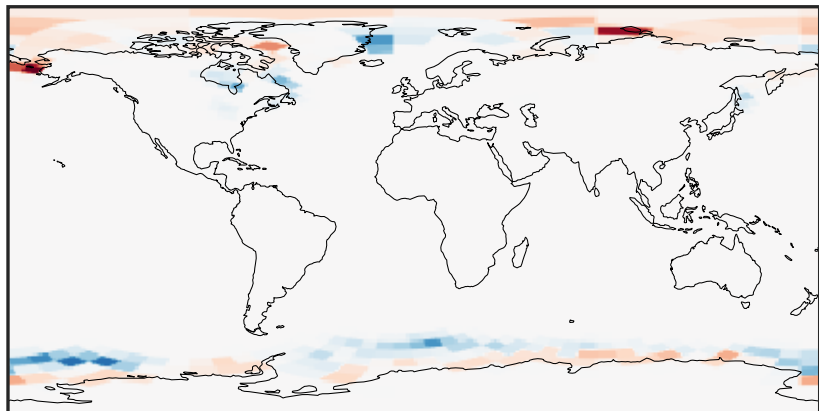
GCHP_14.0.0 (Ref)
c24



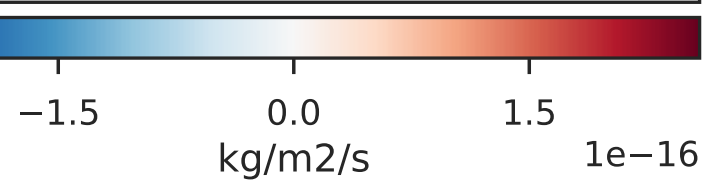
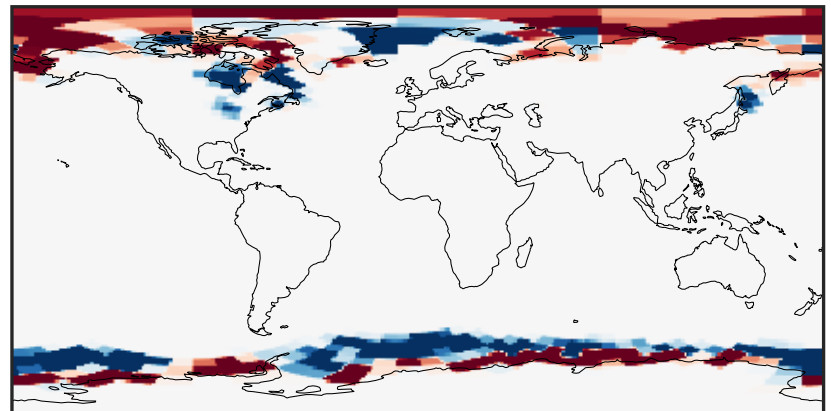
GCHP_14.2.0 (Dev)
c24



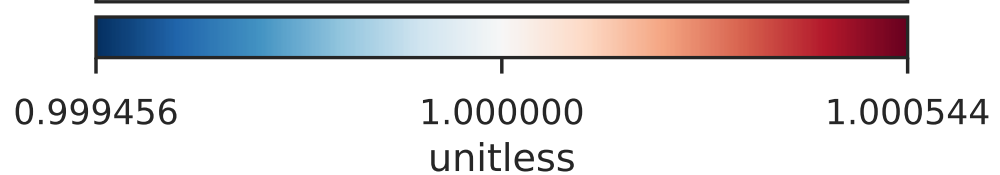
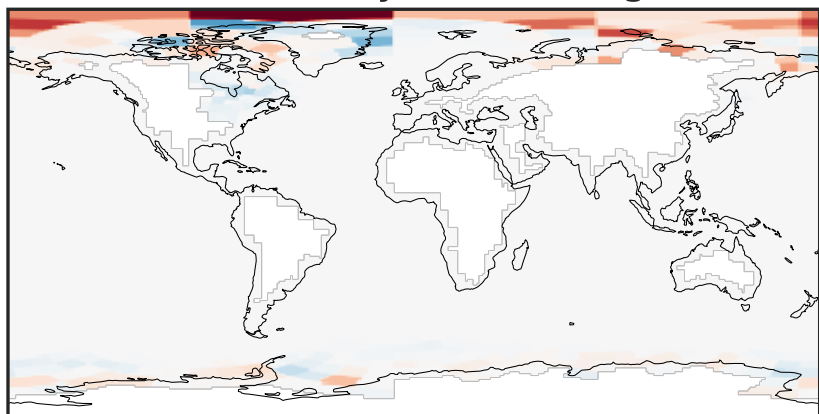
Difference (1x1.25)
Dev - Ref, Dynamic Range



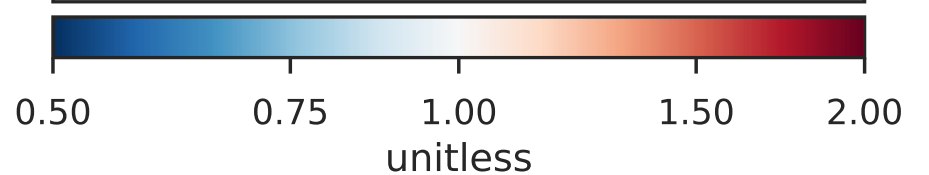
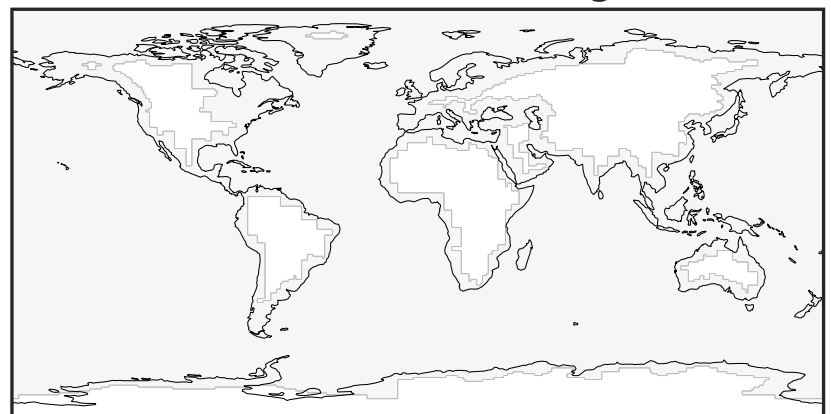
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

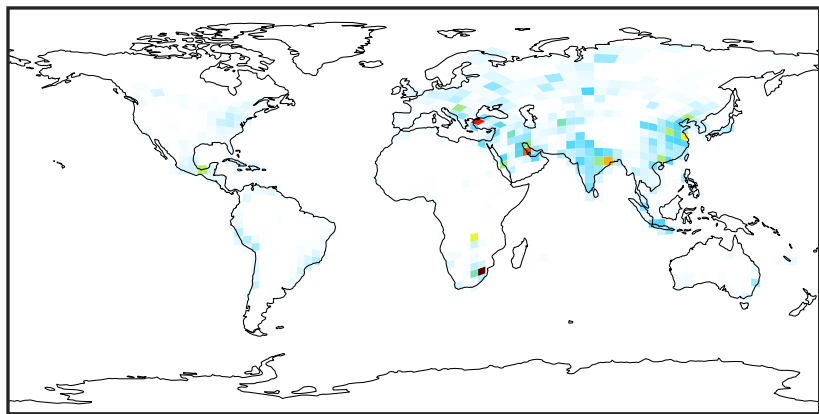


Ratio (1x1.25)
Dev/Ref, Fixed Range



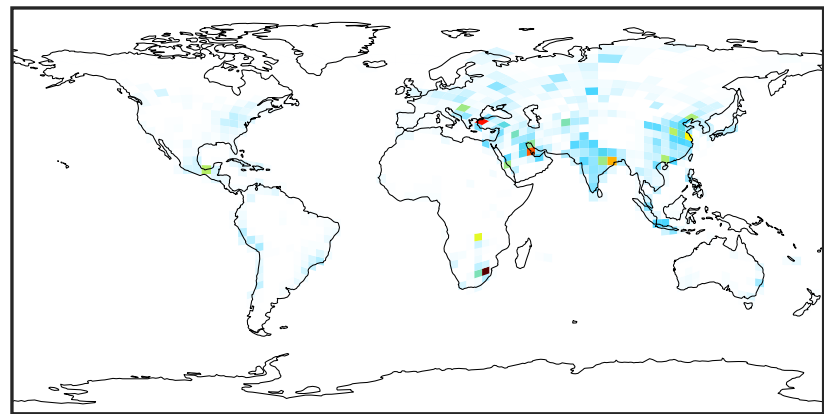
EmispFe_Anthro (AnnualMean)

GCHP_14.0.0 (Ref)
c24



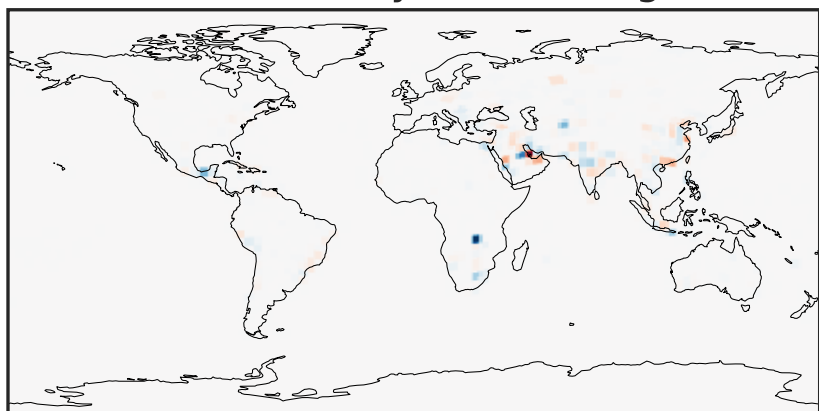
0.0 1.5 3.0 4.5
kg/m²/s 1e-13

GCHP_14.2.0 (Dev)
c24



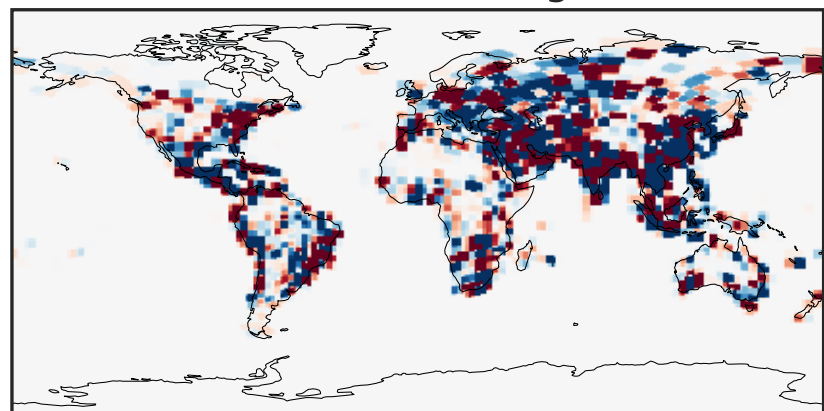
0.0 1.5 3.0 4.5
kg/m²/s 1e-13

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



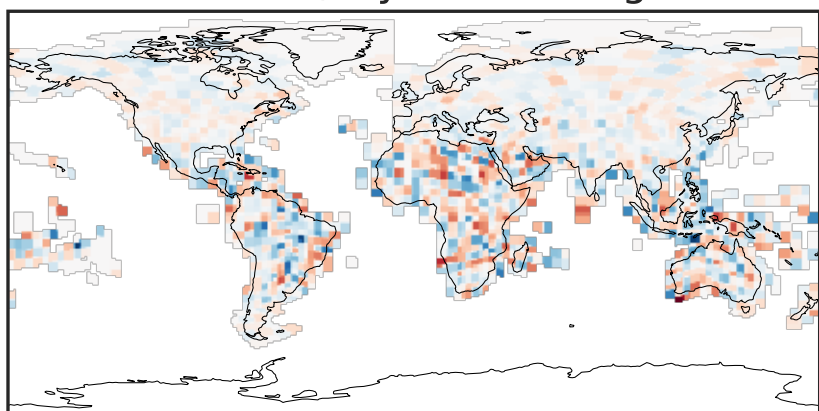
-8 0 8
kg/m²/s 1e-18

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



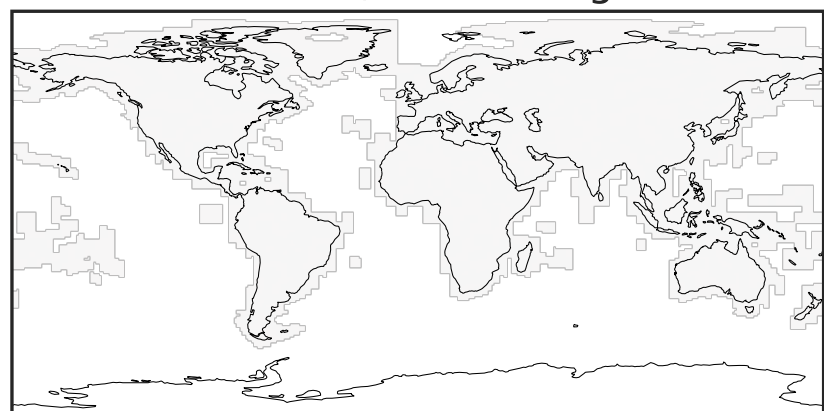
-3 0 3
kg/m²/s 1e-20

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



0.9998968 1.000000 1.0001032
unitless

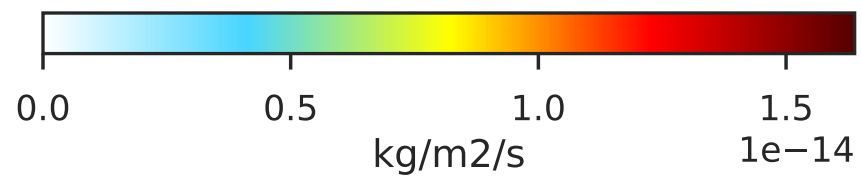
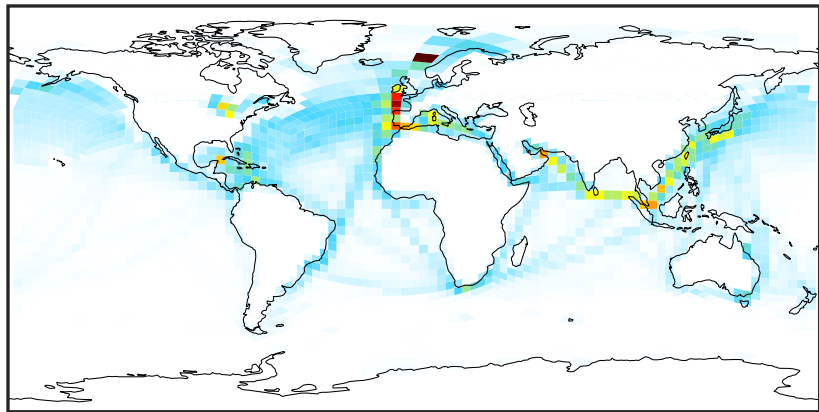
Ratio (1x1.25)
Dev/Ref, Fixed Range



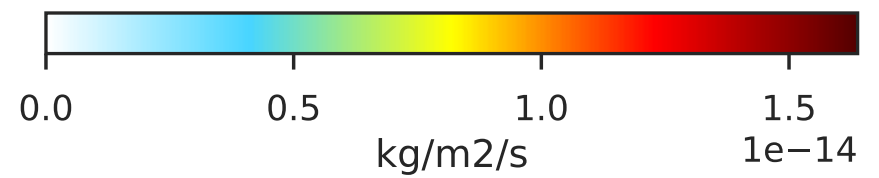
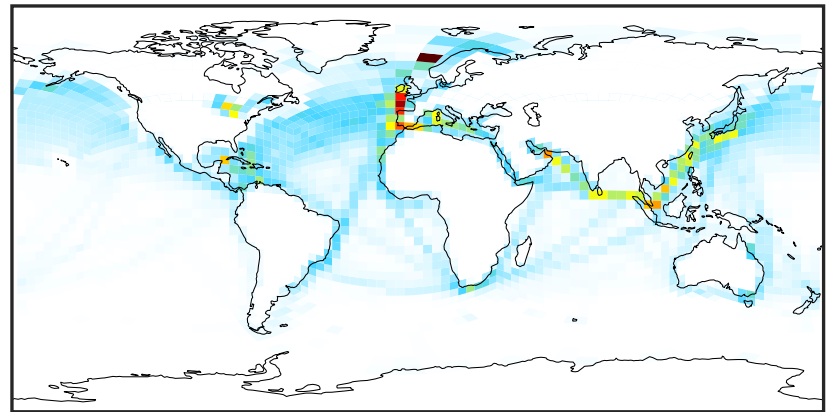
0.50 0.75 1.00 1.50 2.00
unitless

EmispFe_Ship (AnnualMean)

GCHP_14.0.0 (Ref)
c24



GCHP_14.2.0 (Dev)
c24



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



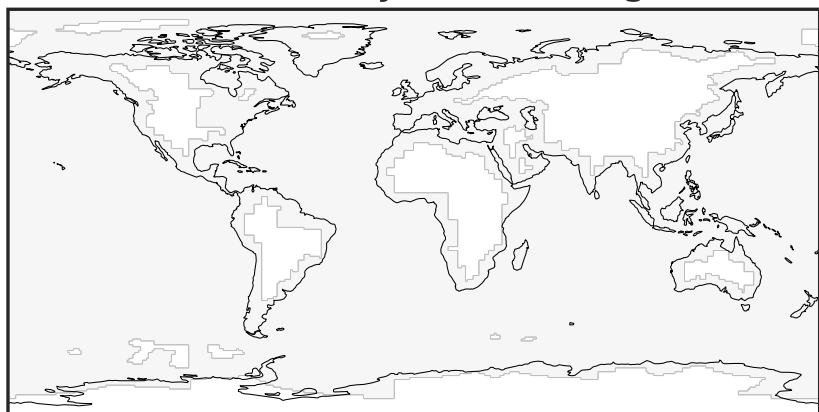
Zero throughout domain
kg/m2/s

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



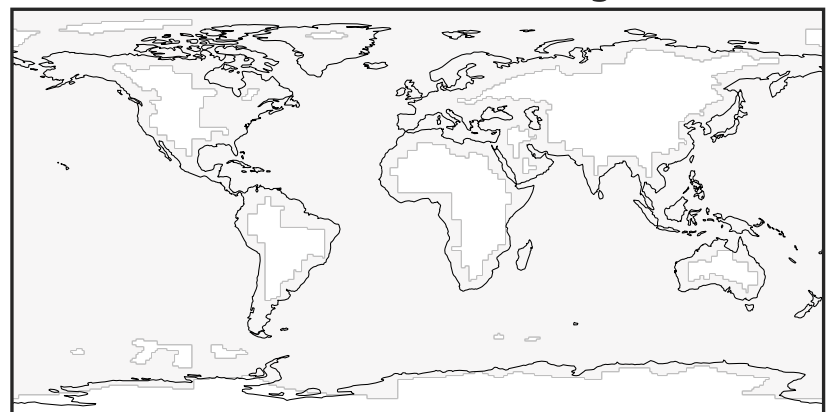
Zero throughout domain
kg/m2/s

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



Ref and Dev equal throughout domain
unitless

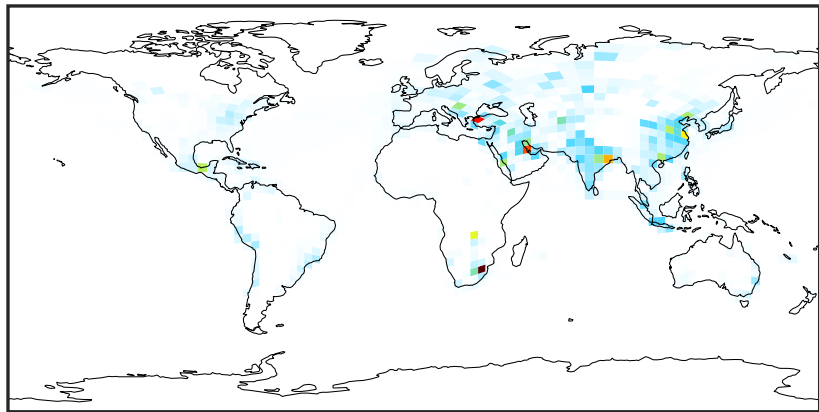
Ratio (1x1.25)
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless

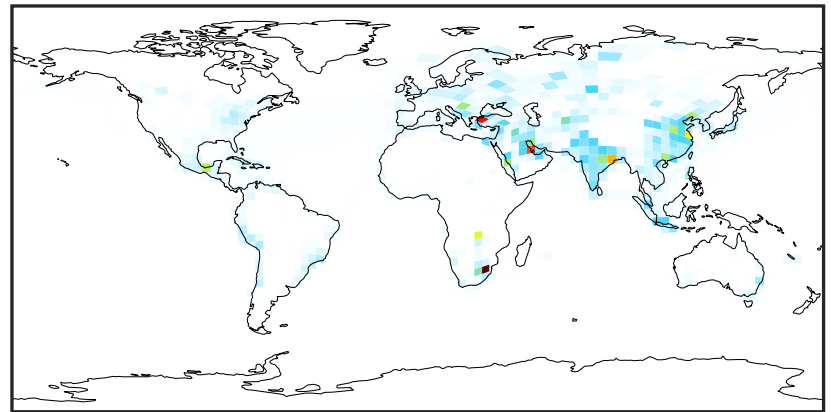
EmispFe_Total (AnnualMean)

GCHP_14.0.0 (Ref)
c24



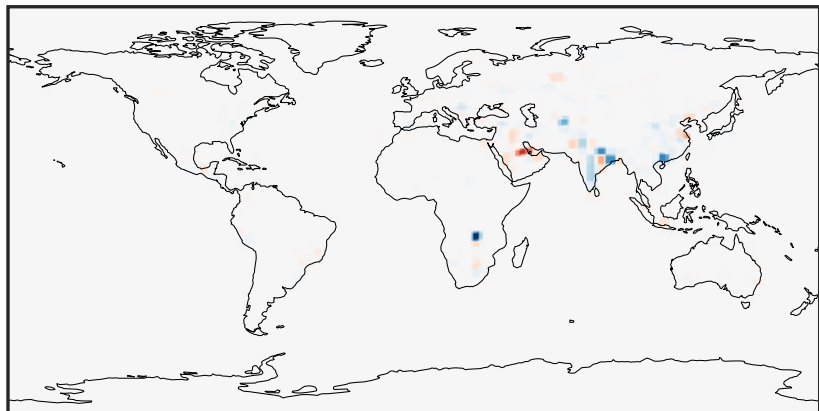
0.0 1.5 3.0 4.5
kg/m2/s $1e-13$

GCHP_14.2.0 (Dev)
c24



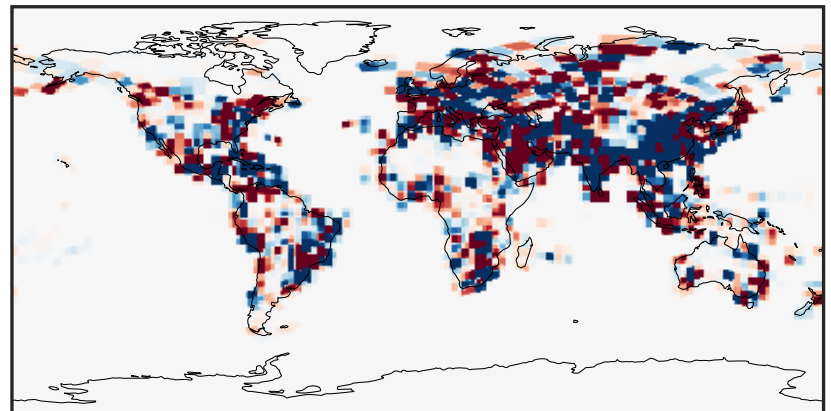
0.0 1.5 3.0 4.5
kg/m2/s $1e-13$

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



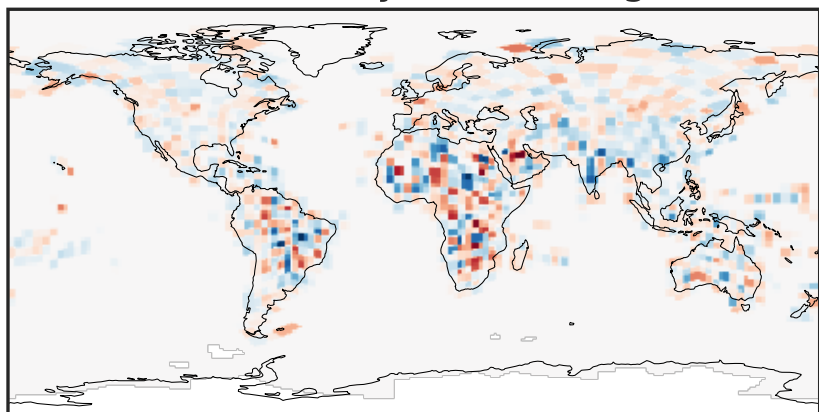
-8 0 8
kg/m2/s $1e-18$

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



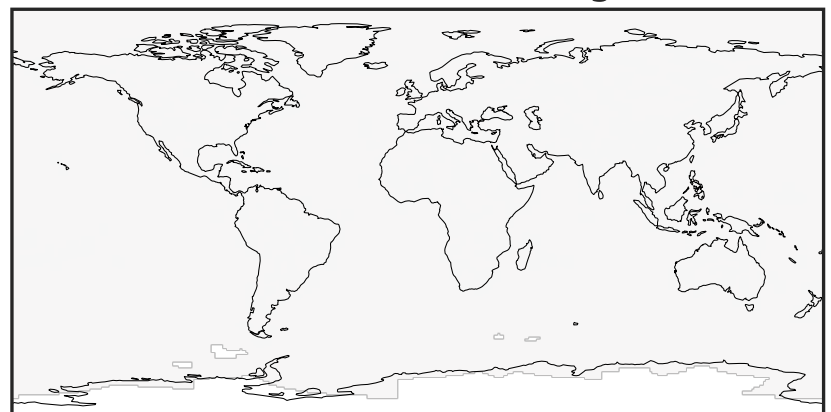
-3 0 3
kg/m2/s $1e-20$

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



0.9999293 1.000000 1.0000707
unitless

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



0.50 0.75 1.00 1.50 2.00
unitless