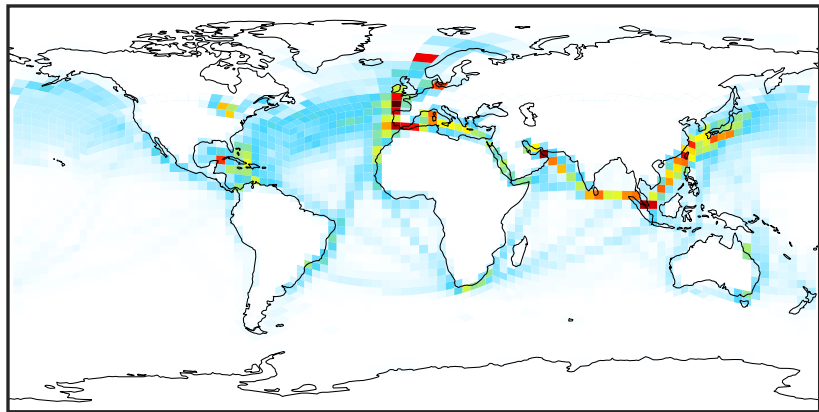


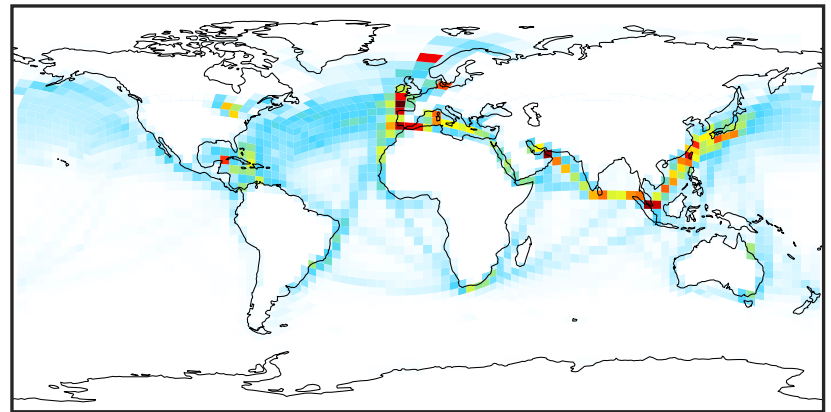
EmisHNO3_Ship (Oct2019)

14.2.0-rc.2 (Ref)
c24



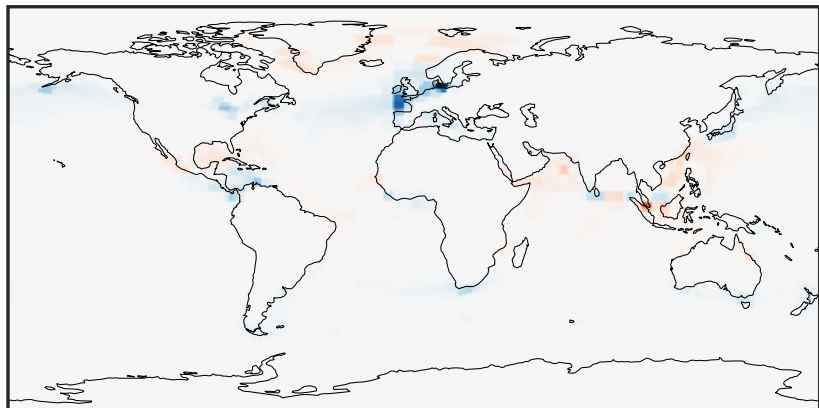
0.0 0.5 1.0 1.5 10^{-11}
kg/m²/s

14.3.0-rc.0 (Dev)
c24



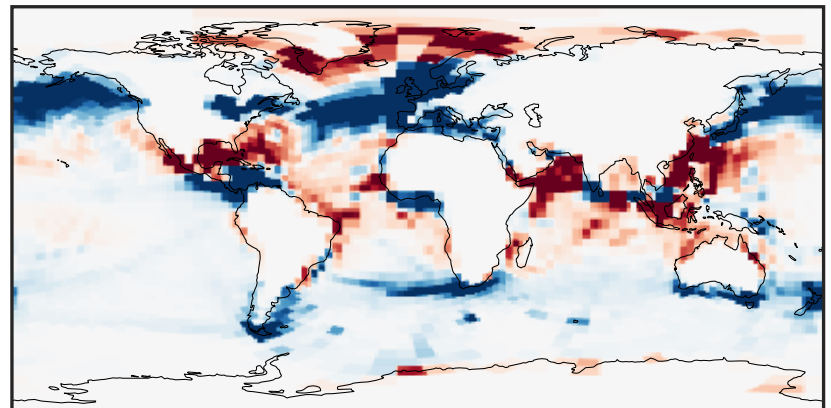
0.0 0.5 1.0 1.5 10^{-11}
kg/m²/s

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



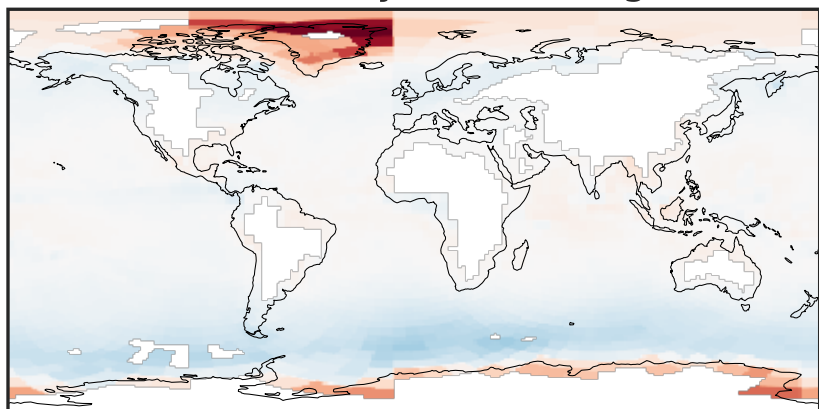
-1 0 1 10^{-13}
kg/m²/s

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



-4 0 4 10^{-15}
kg/m²/s

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



0.8770 0.9385 1.0000 1.0701 1.1403
unitless

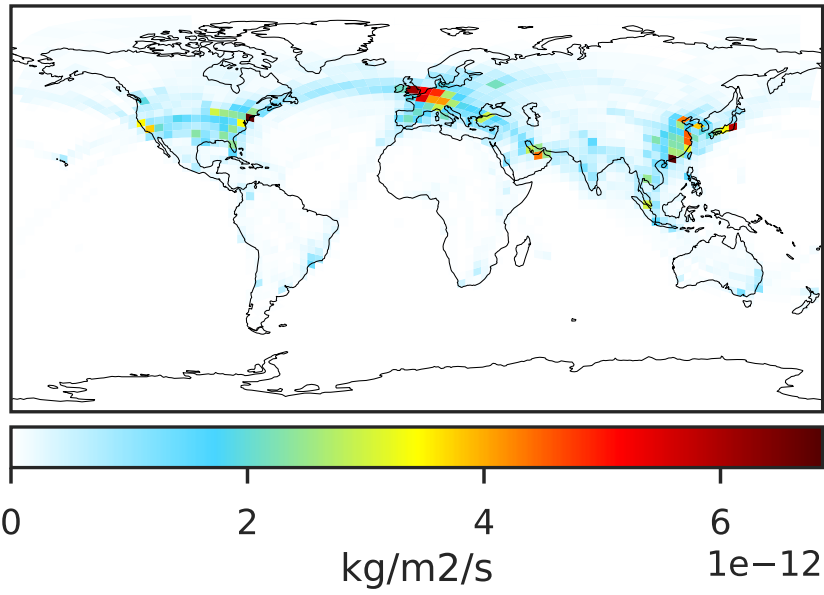
Ratio (1x1.25)
Dev/Ref, Fixed Range



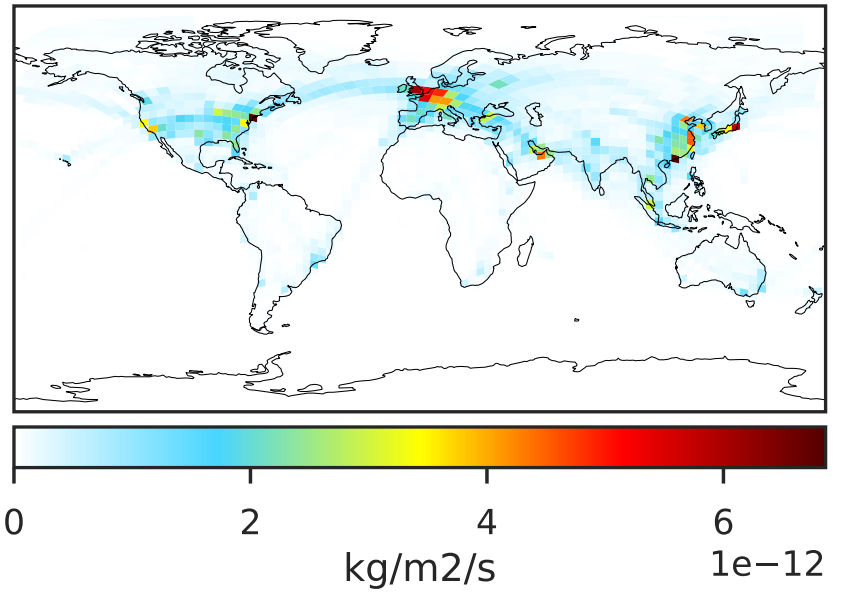
0.50 0.75 1.00 1.50 2.00
unitless

EmisNO_Aircraft (Oct2019)

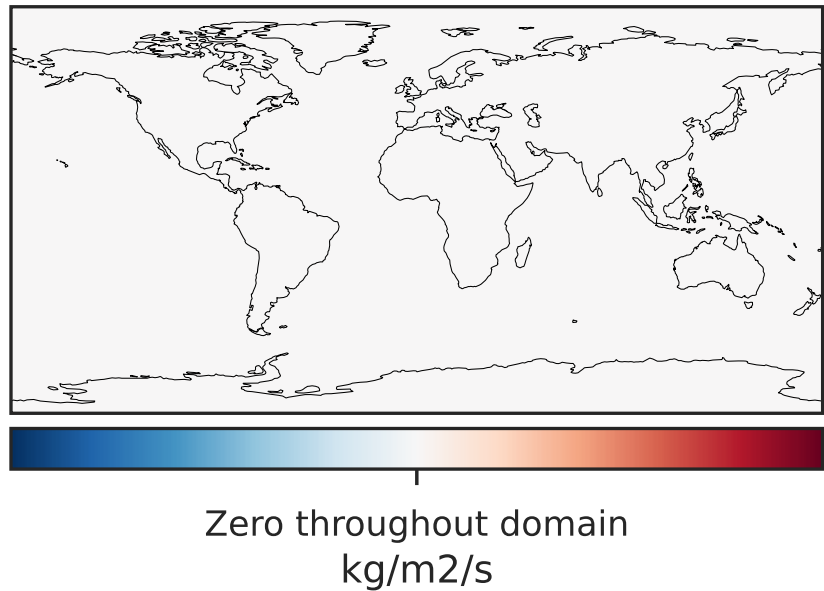
14.2.0-rc.2 (Ref)
c24



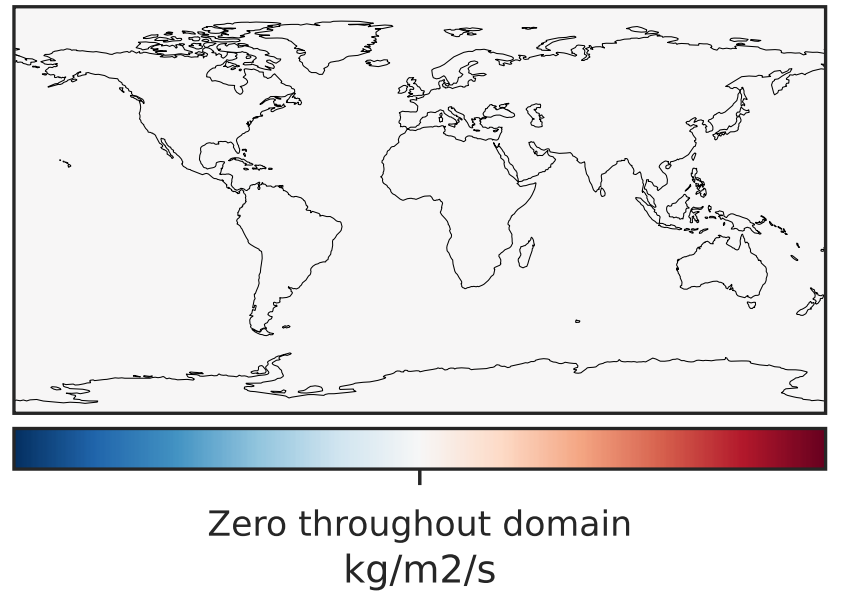
14.3.0-rc.0 (Dev)
c24



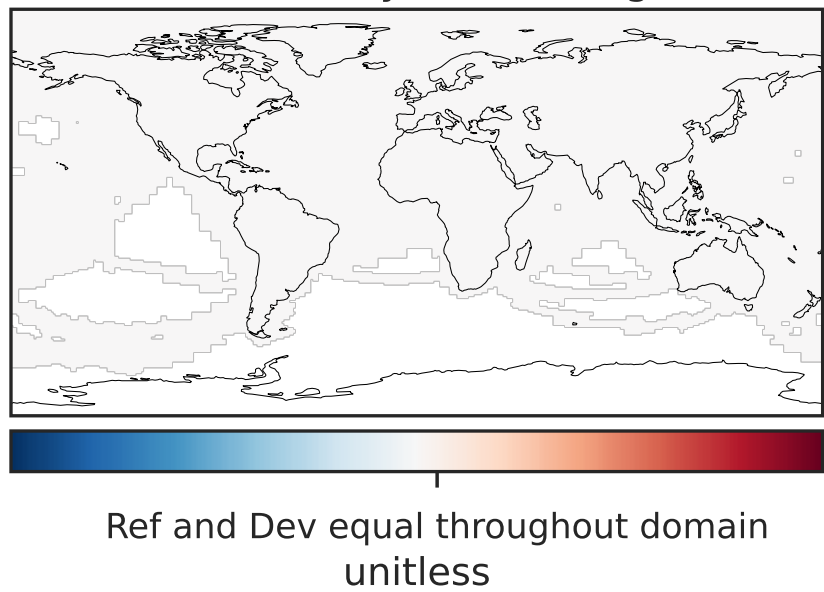
Difference (1x1.25)
Dev - Ref, Dynamic Range



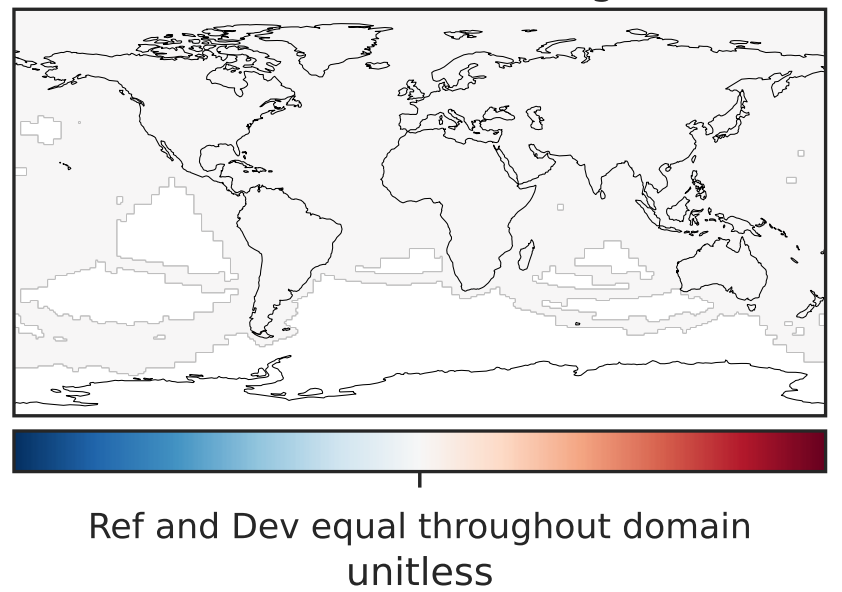
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

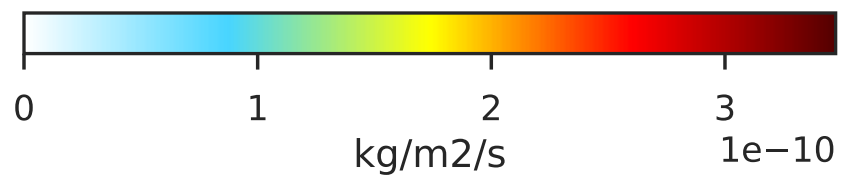
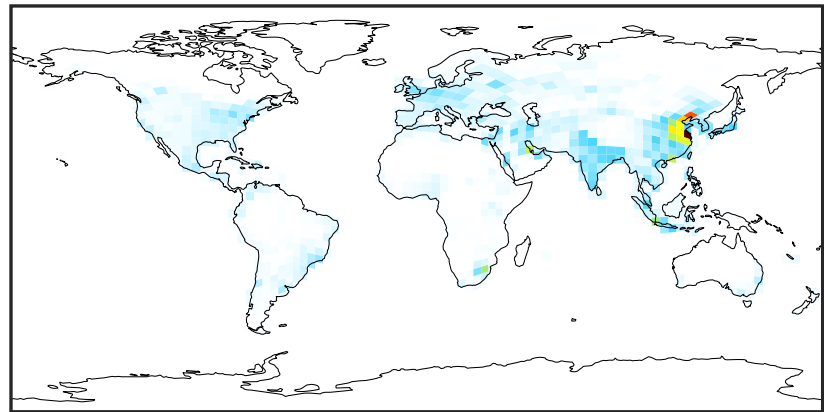


Ratio (1x1.25)
Dev/Ref, Fixed Range

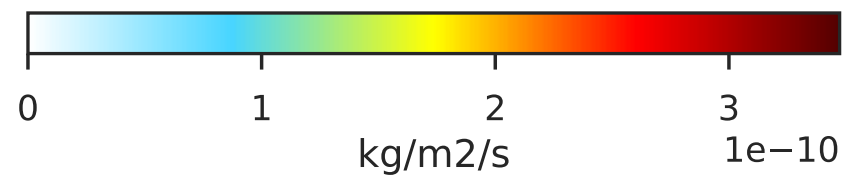
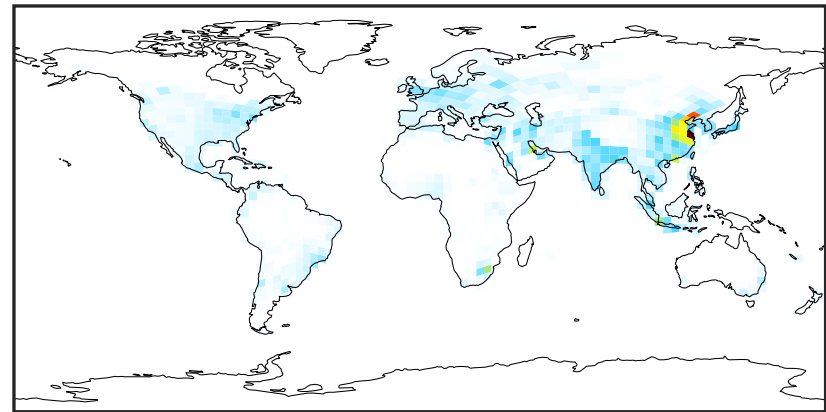


EmisNO_Anthro (Oct2019)

14.2.0-rc.2 (Ref)
c24



14.3.0-rc.0 (Dev)
c24



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



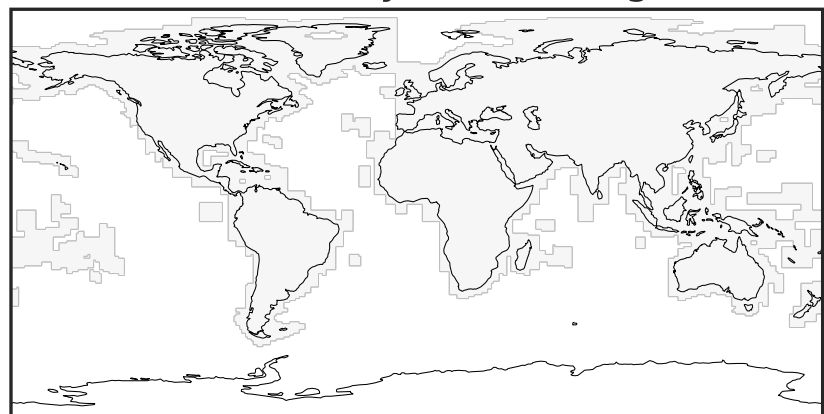
Zero throughout domain
kg/m2/s

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



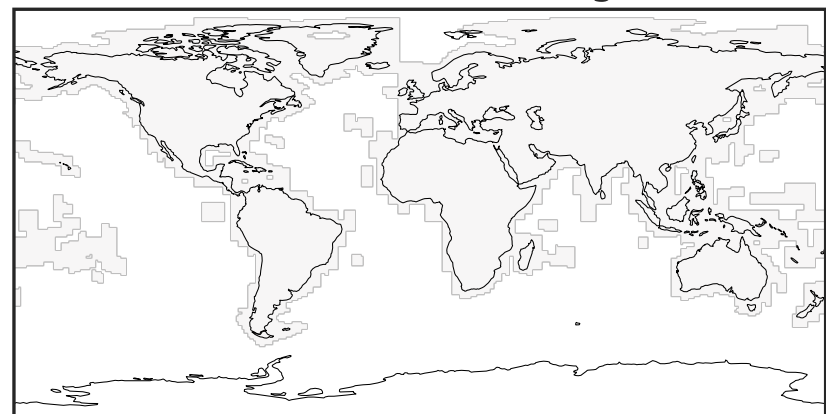
Zero throughout domain
kg/m2/s

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



Ref and Dev equal throughout domain
unitless

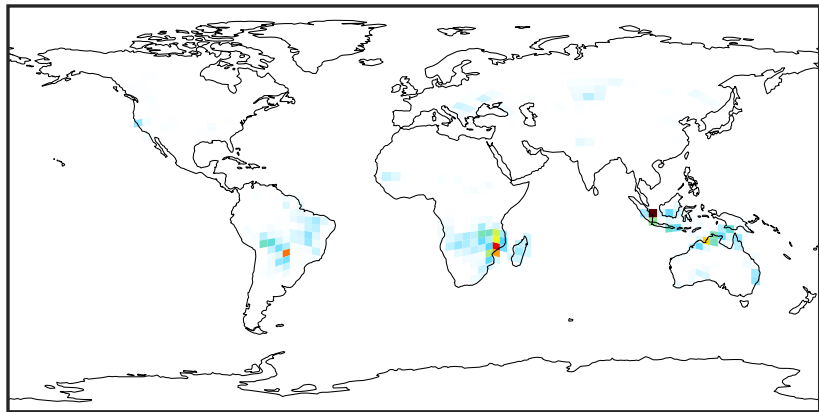
Ratio (1x1.25)
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless

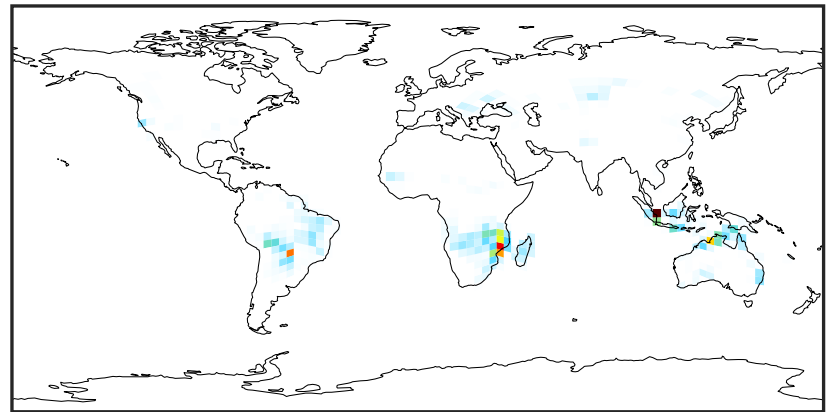
EmisNO_BioBurn (Oct2019)

14.2.0-rc.2 (Ref)
c24



0.0 0.4 0.8 1.2
kg/m²/s 1e-10

14.3.0-rc.0 (Dev)
c24



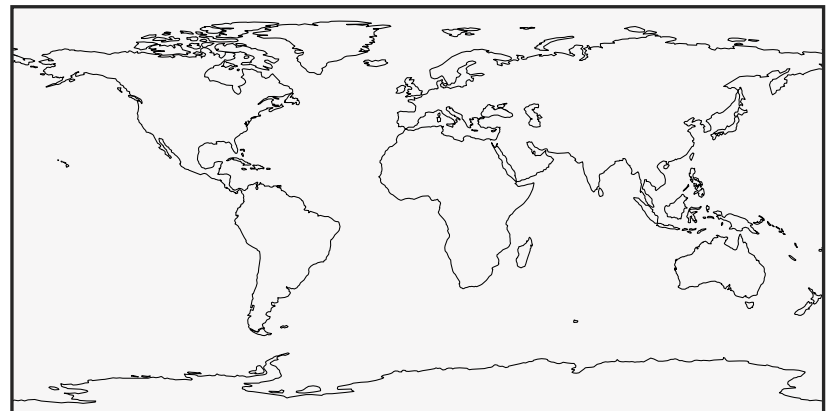
0.0 0.4 0.8 1.2
kg/m²/s 1e-10

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



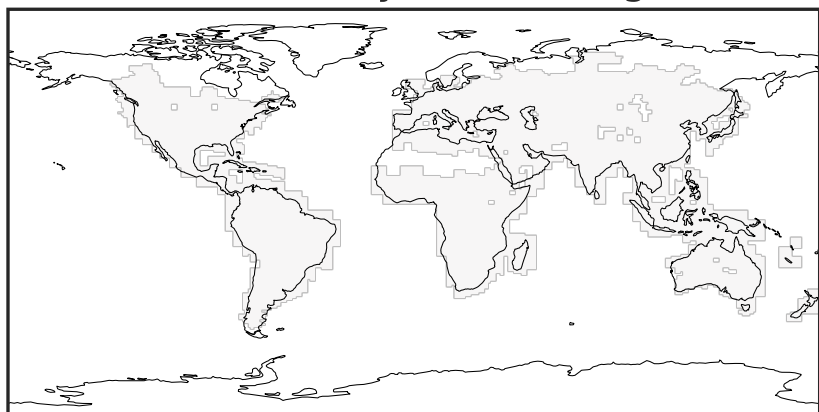
Zero throughout domain
kg/m²/s

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



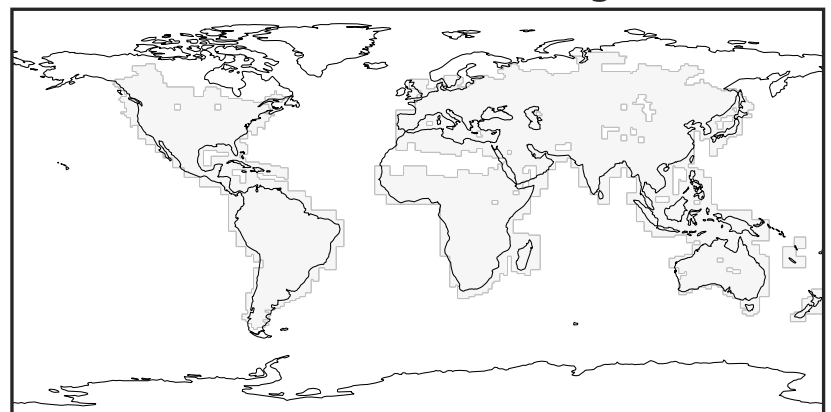
Zero throughout domain
kg/m²/s

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



Ref and Dev equal throughout domain
unitless

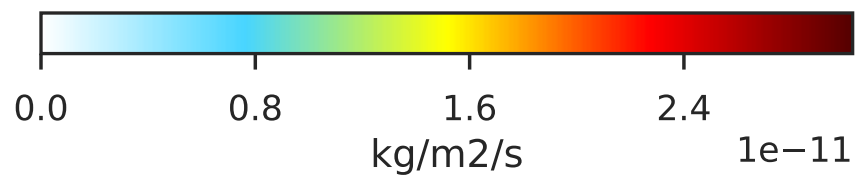
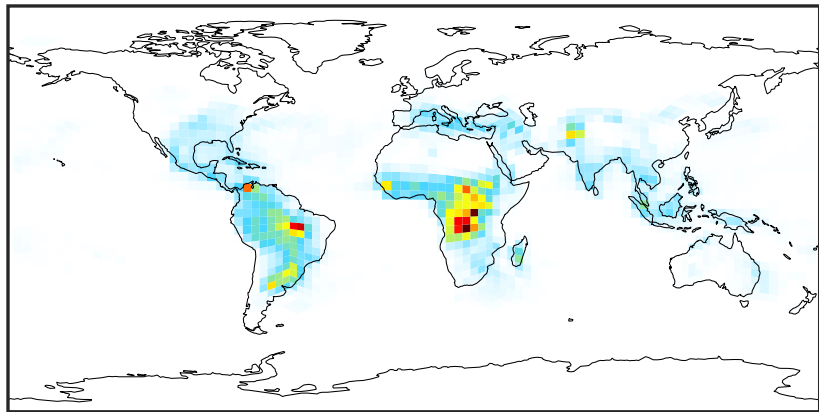
Ratio (1x1.25)
Dev/Ref, Fixed Range



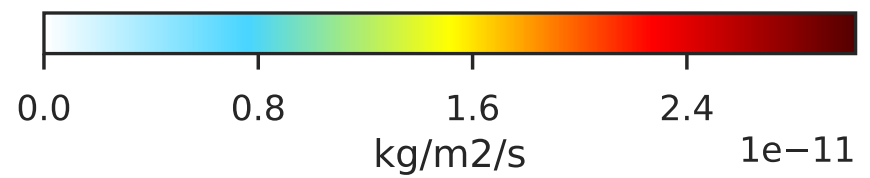
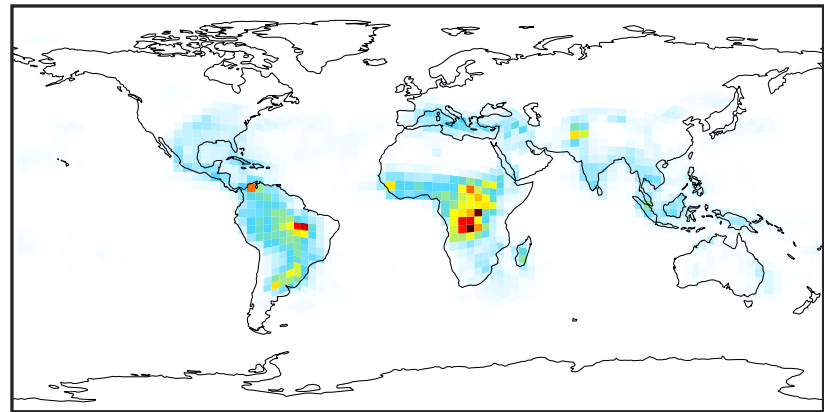
Ref and Dev equal throughout domain
unitless

EmisNO_Lightning (Oct2019)

14.2.0-rc.2 (Ref)
c24



14.3.0-rc.0 (Dev)
c24



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



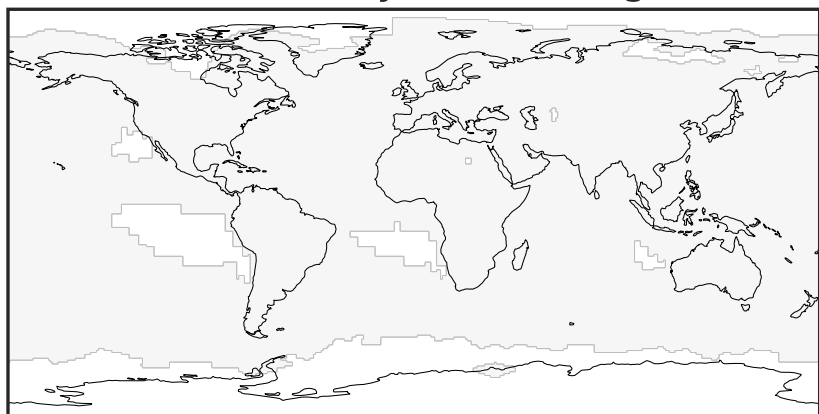
Zero throughout domain
kg/m2/s

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



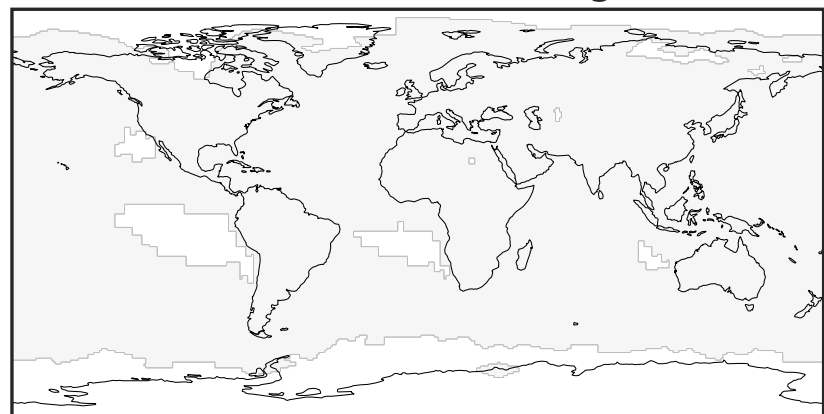
Zero throughout domain
kg/m2/s

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



Ref and Dev equal throughout domain
unitless

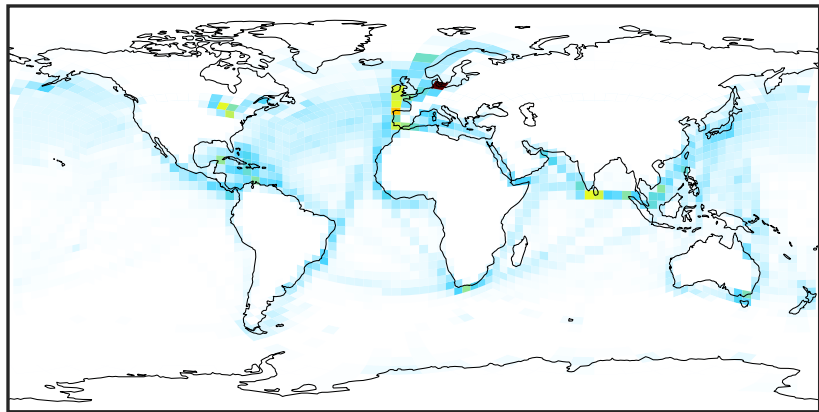
Ratio (1x1.25)
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless

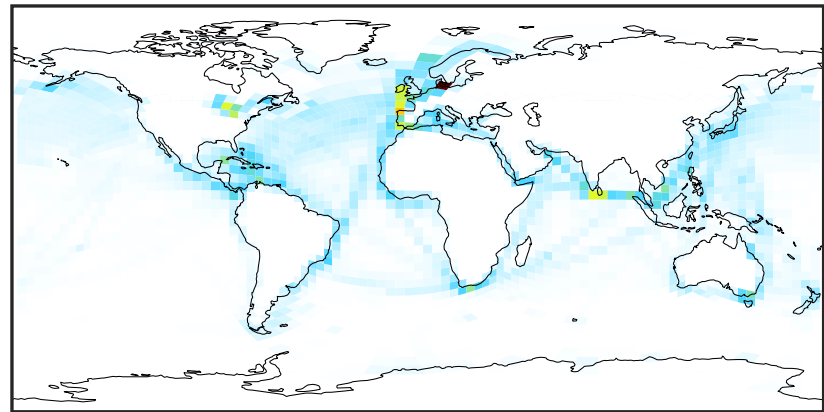
EmisNO_Ship (Oct2019)

14.2.0-rc.2 (Ref)
c24



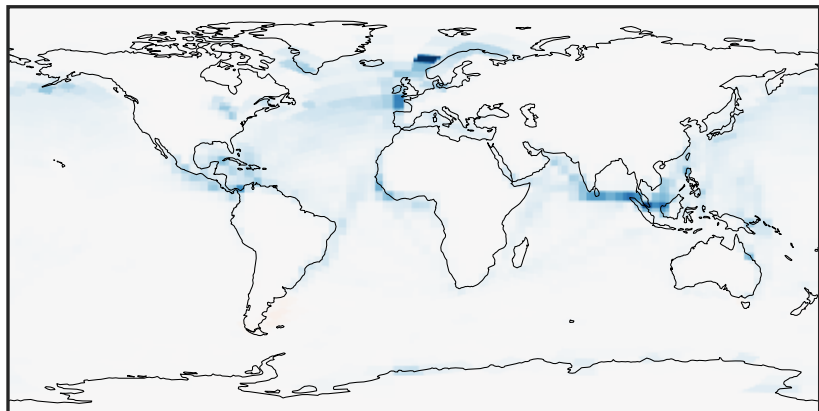
0.0 0.4 0.8 1.2
kg/m2/s 1e-12

14.3.0-rc.0 (Dev)
c24



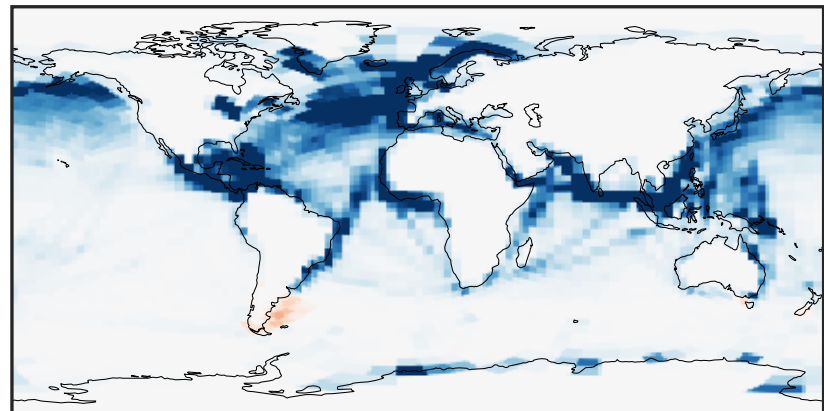
0.0 0.4 0.8 1.2
kg/m2/s 1e-12

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



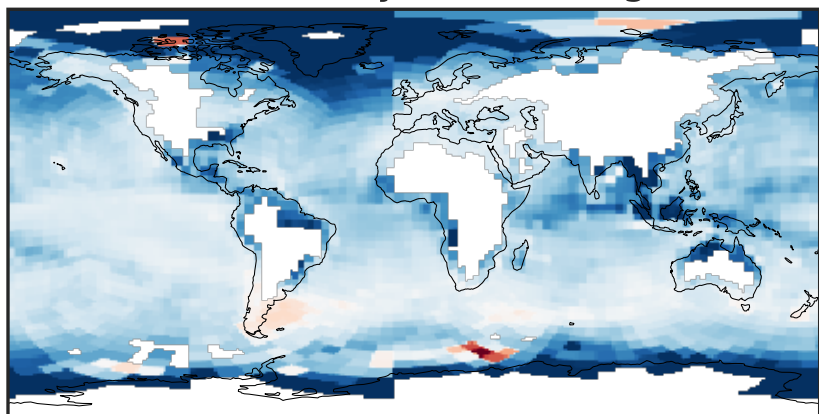
-1 0 1
kg/m2/s 1e-14

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



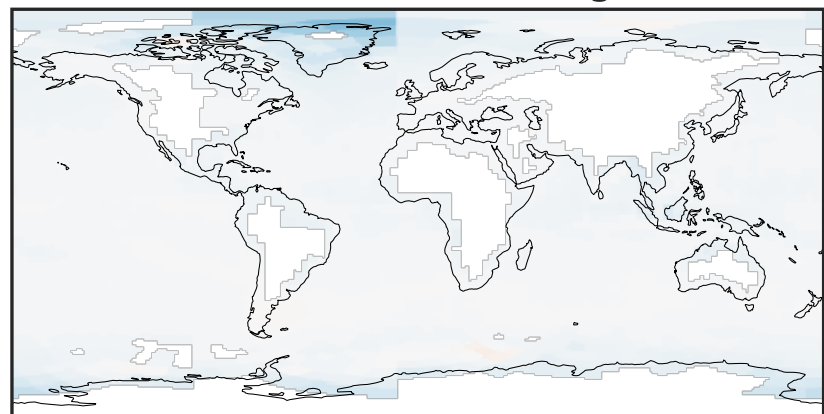
-1.5 0.0 1.5
kg/m2/s 1e-15

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



0.95412 0.97706 1.00000 1.02404 1.04809
unitless

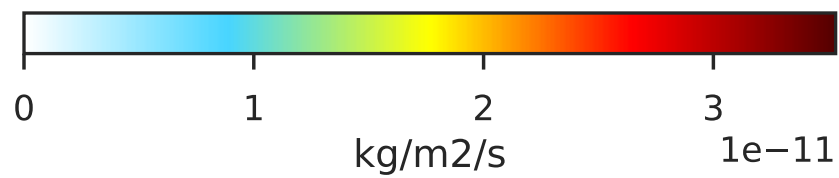
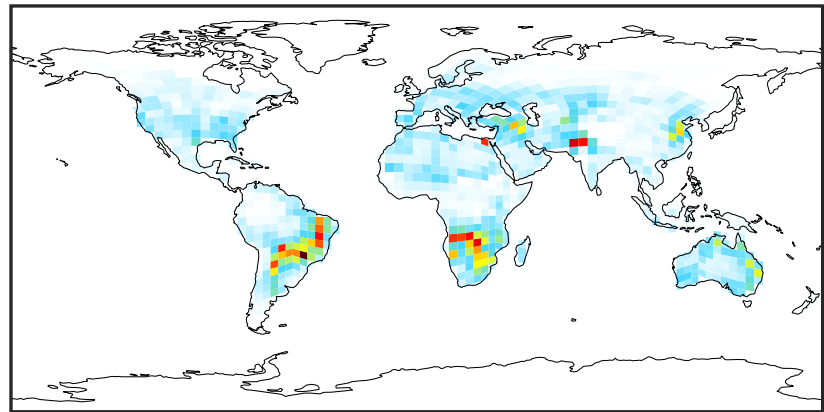
Ratio (1x1.25)
Dev/Ref, Fixed Range



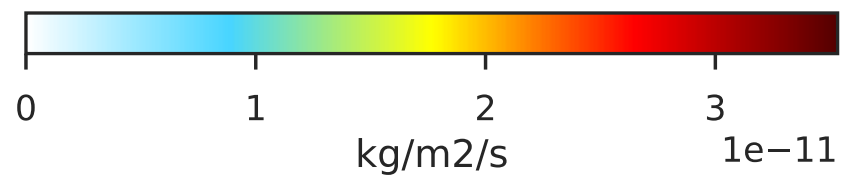
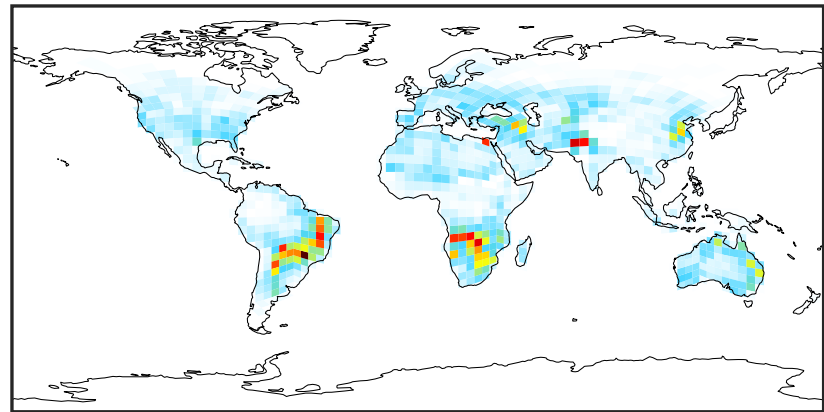
0.50 0.75 1.00 1.50 2.00
unitless

EmisNO_Soil (Oct2019)

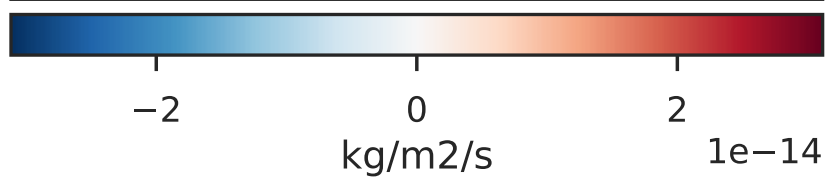
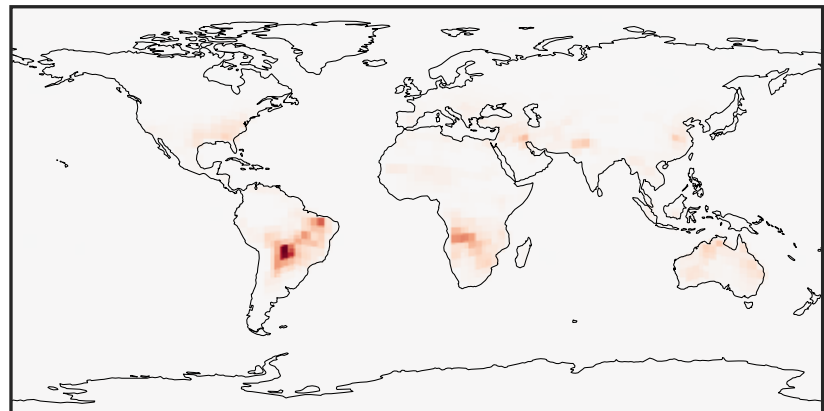
14.2.0-rc.2 (Ref)
c24



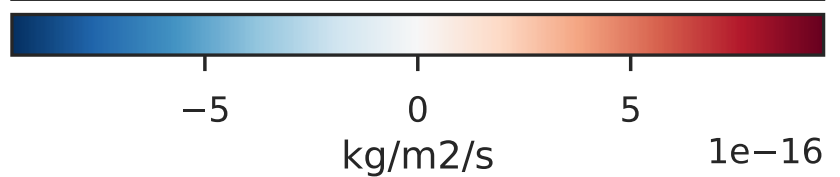
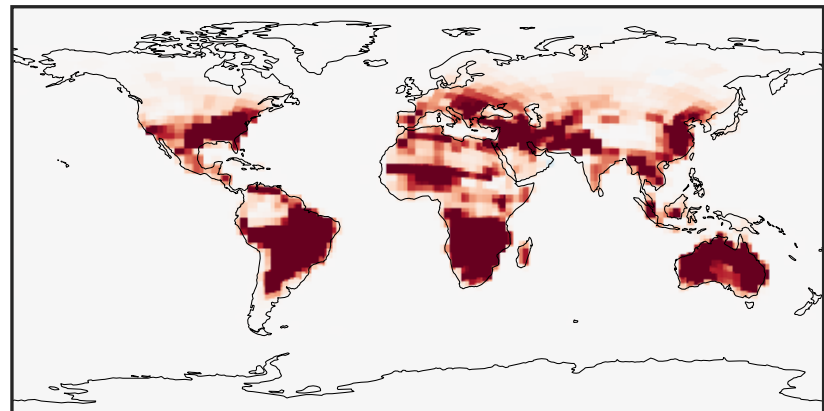
14.3.0-rc.0 (Dev)
c24



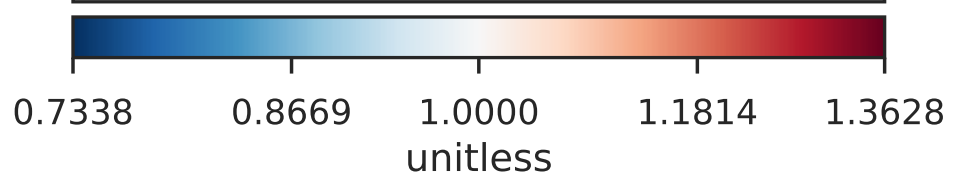
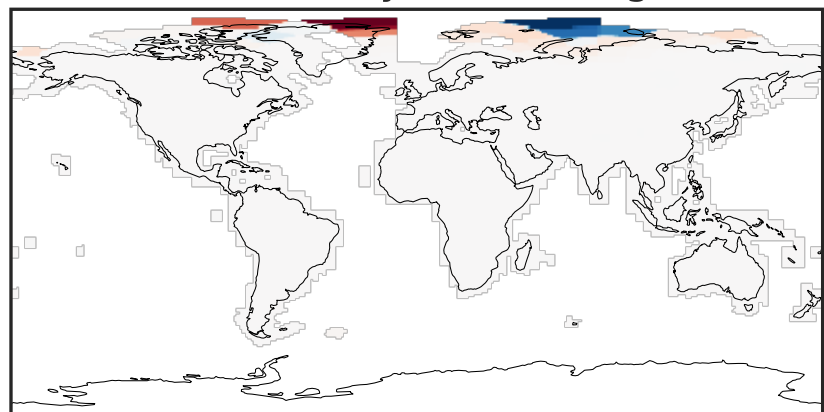
Difference (1x1.25)
Dev - Ref, Dynamic Range



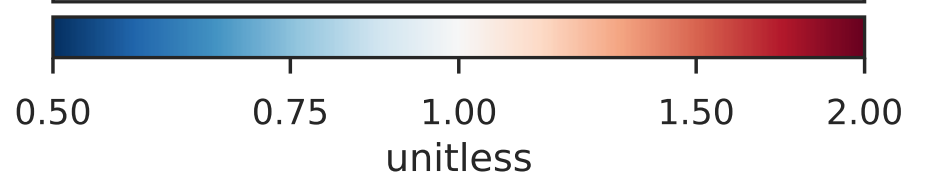
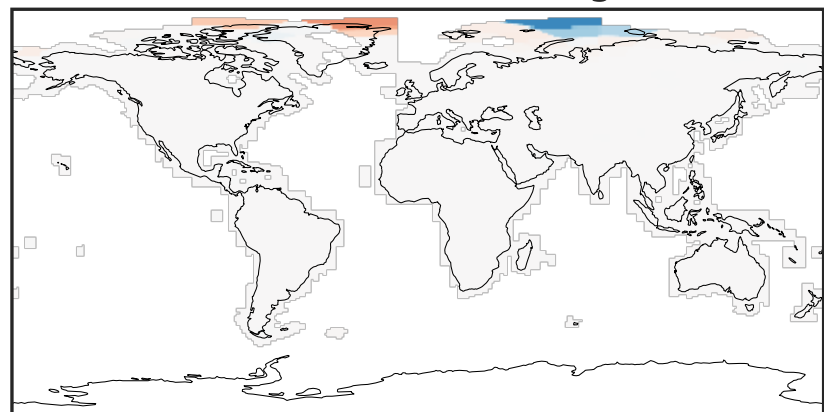
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

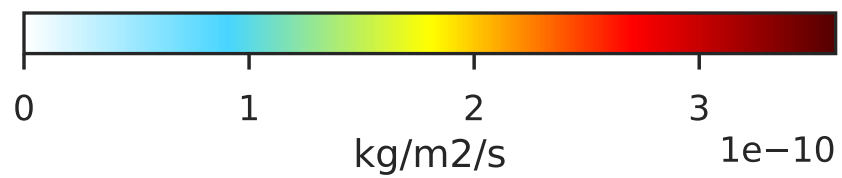
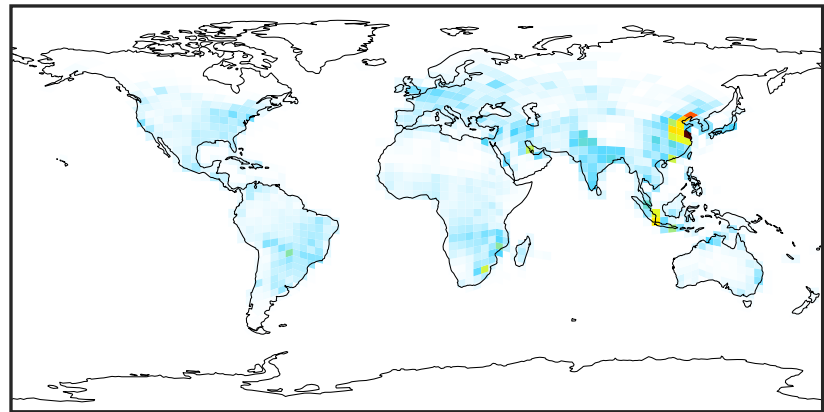


Ratio (1x1.25)
Dev/Ref, Fixed Range

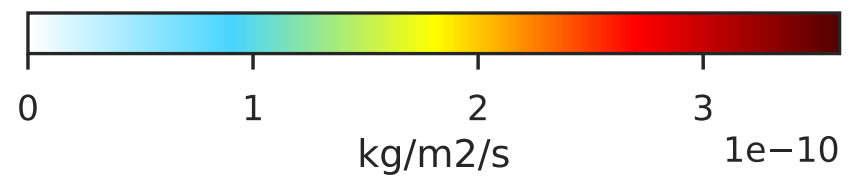
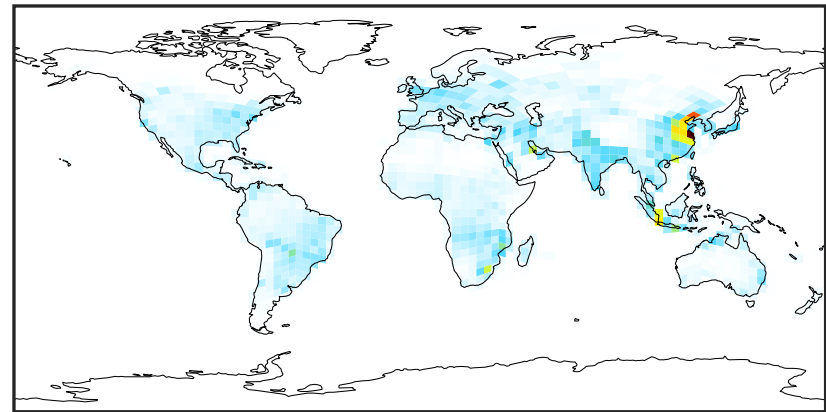


EmisNO_Total (Oct2019)

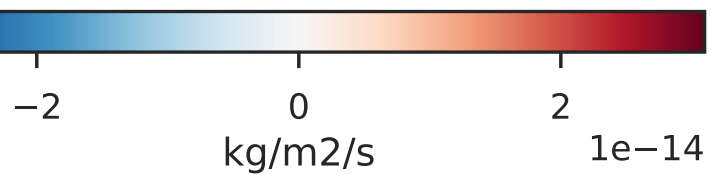
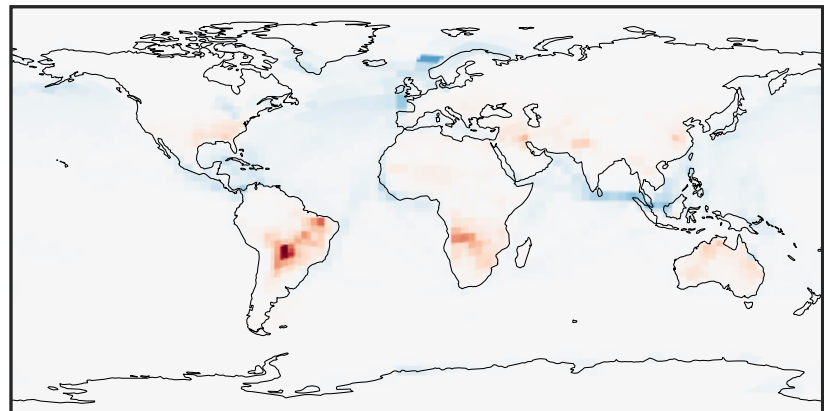
14.2.0-rc.2 (Ref)
c24



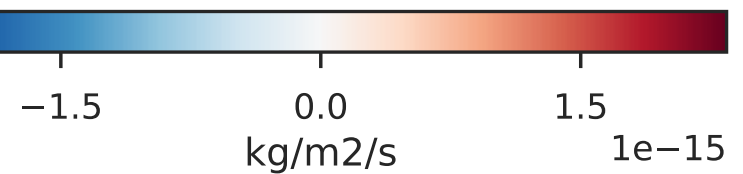
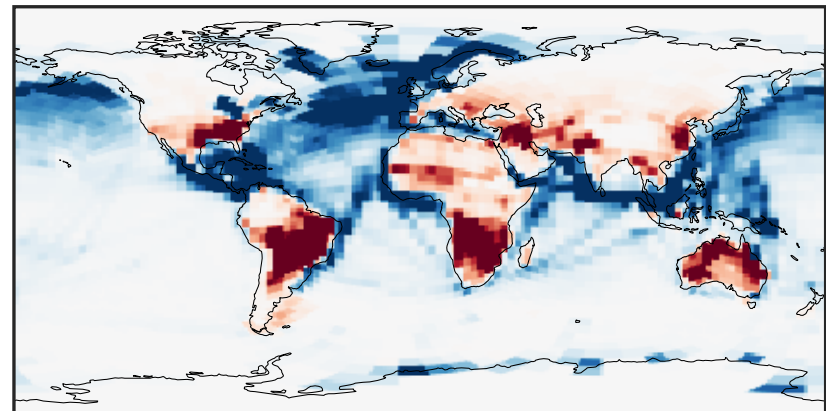
14.3.0-rc.0 (Dev)
c24



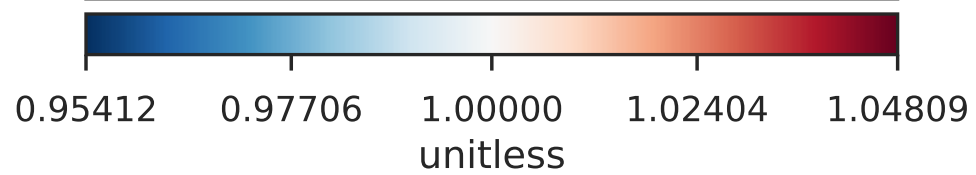
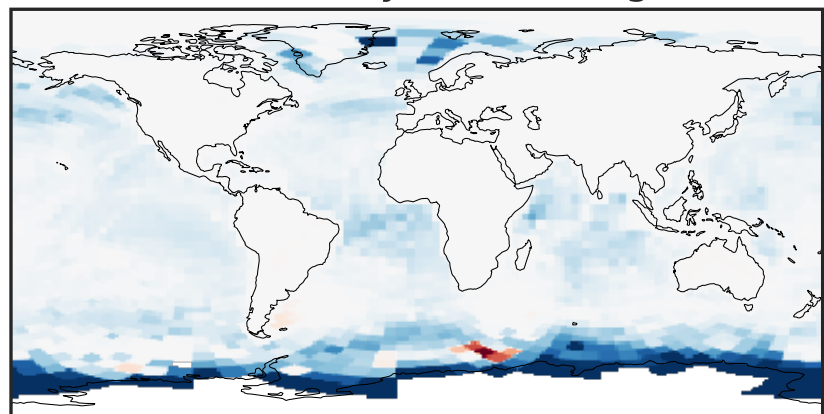
Difference (1x1.25)
Dev - Ref, Dynamic Range



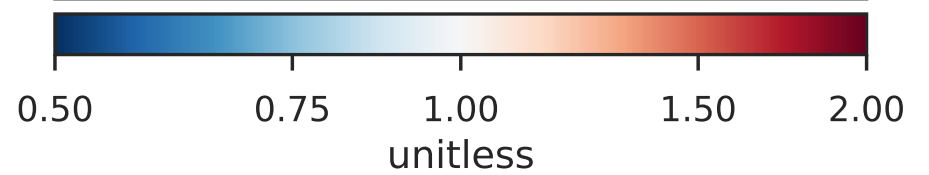
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

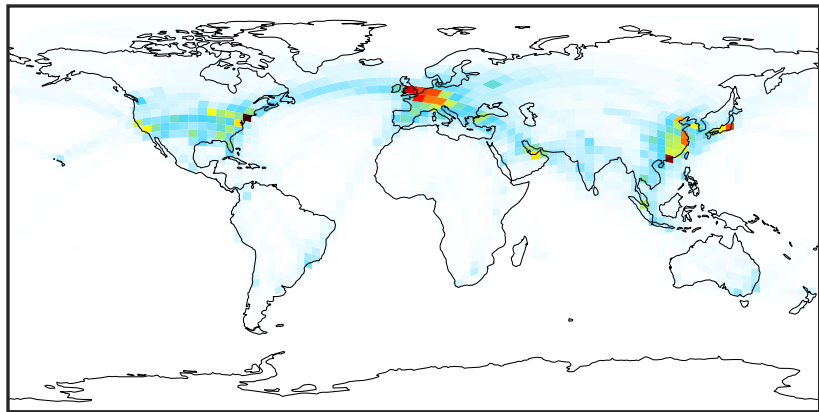


Ratio (1x1.25)
Dev/Ref, Fixed Range



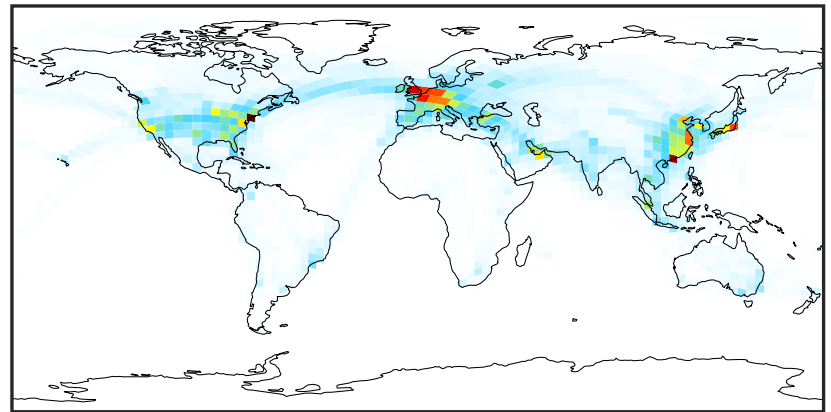
EmisNO2_Aircraft (Oct2019)

14.2.0-rc.2 (Ref)
c24



0.0 0.4 0.8 1.2
kg/m²/s 1e-12

14.3.0-rc.0 (Dev)
c24



0.0 0.4 0.8 1.2
kg/m²/s 1e-12

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



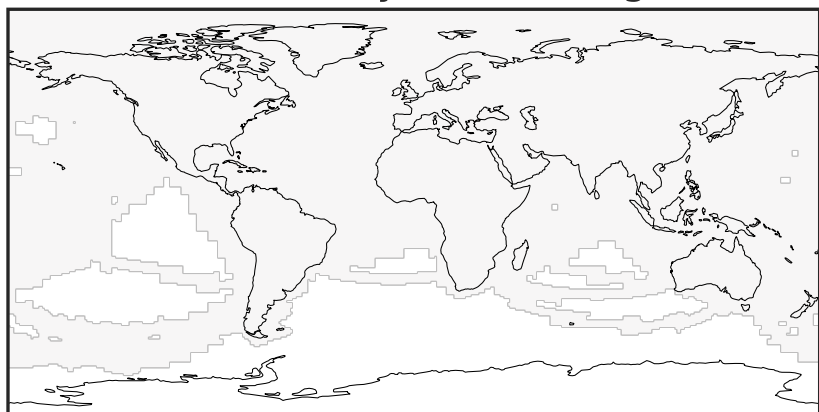
Zero throughout domain
kg/m²/s

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



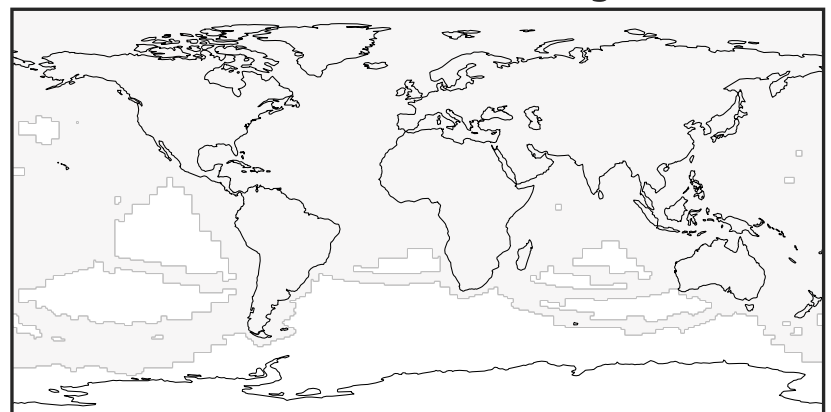
Zero throughout domain
kg/m²/s

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



Ref and Dev equal throughout domain
unitless

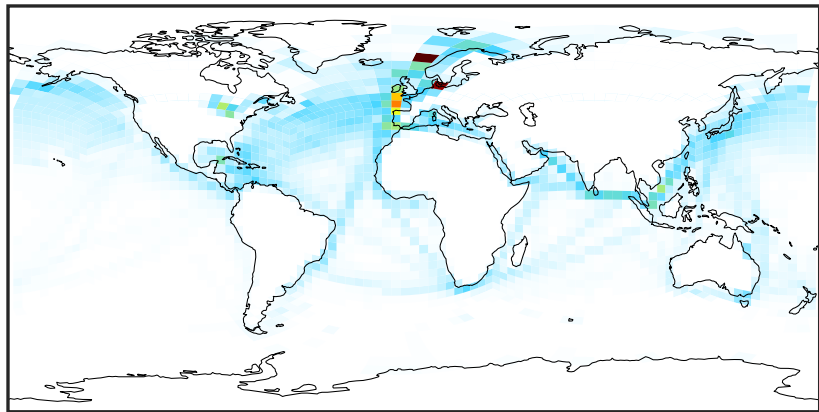
Ratio (1x1.25)
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless

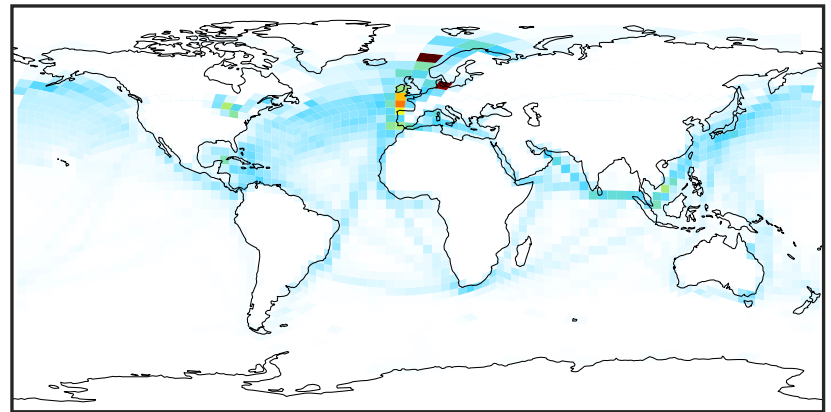
EmisNO2_Ship (Oct2019)

14.2.0-rc.2 (Ref)
c24



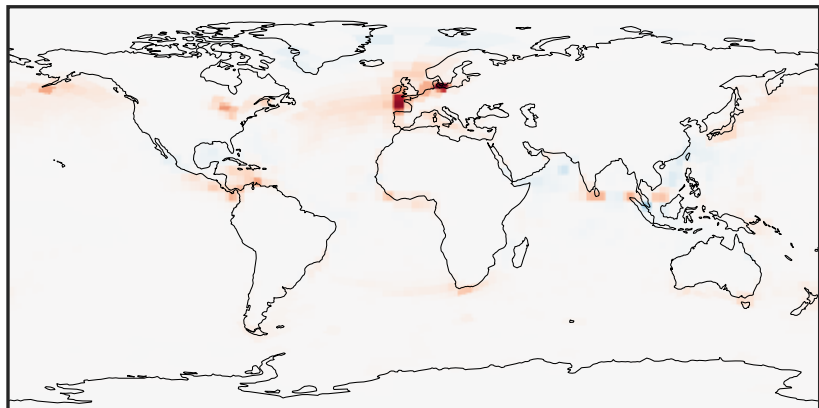
0.0 0.5 1.0 1.5
kg/m²/s 1e-11

14.3.0-rc.0 (Dev)
c24



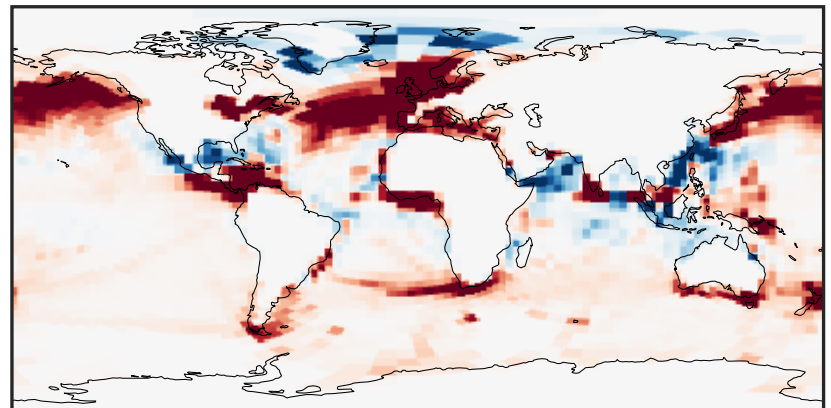
0.0 0.5 1.0 1.5
kg/m²/s 1e-11

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



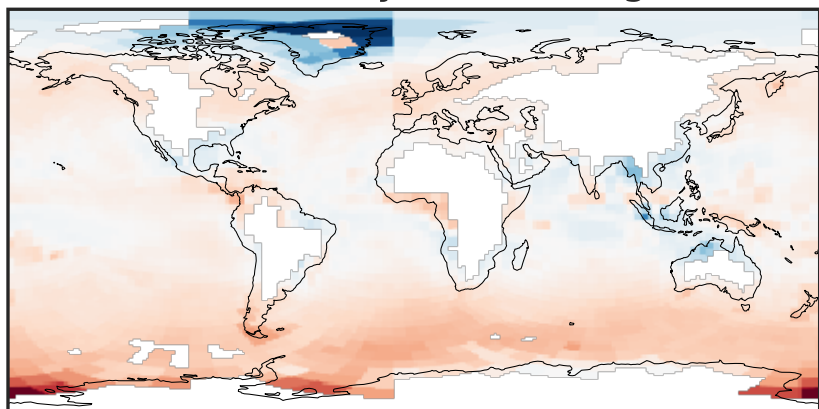
-8 0 8
kg/m²/s 1e-14

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



-5 0 5
kg/m²/s 1e-15

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



0.9462 0.9731 1.0000 1.0285 1.0569
unitless

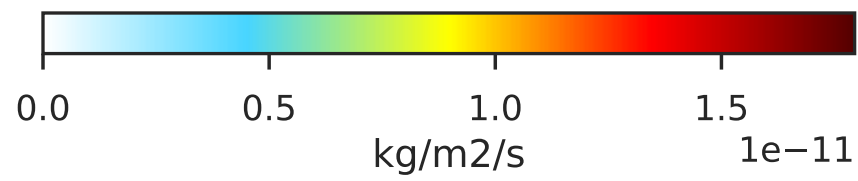
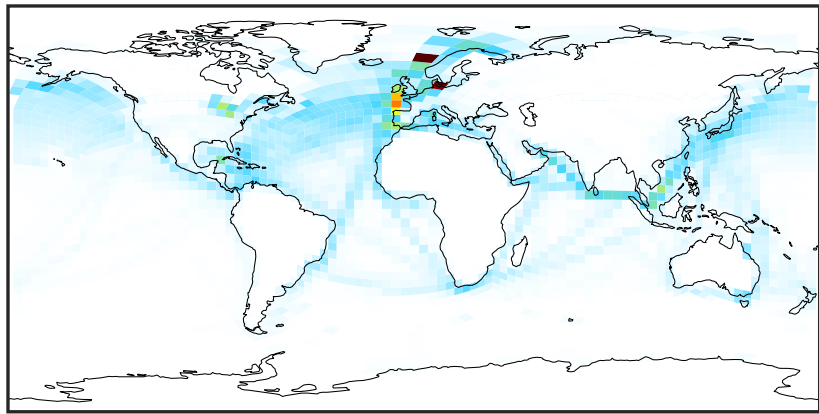
Ratio (1x1.25)
Dev/Ref, Fixed Range



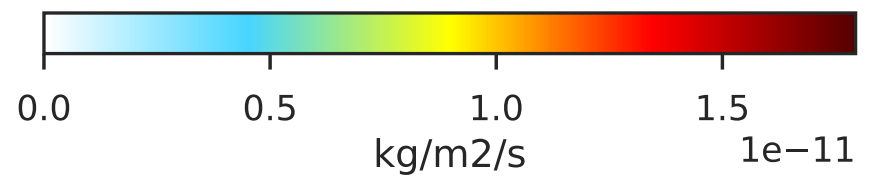
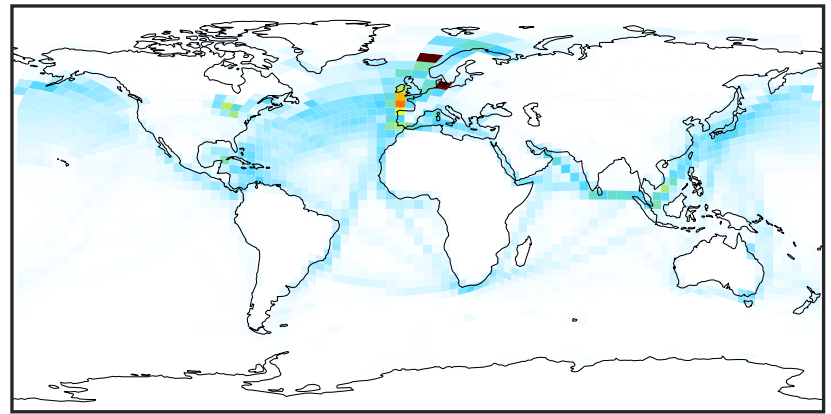
0.50 0.75 1.00 1.50 2.00
unitless

EmisNO2_Total (Oct2019)

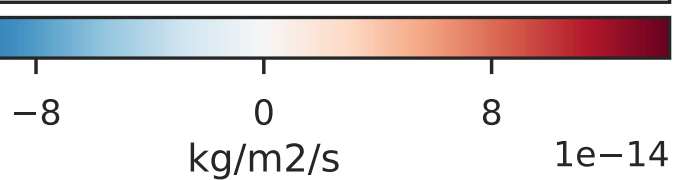
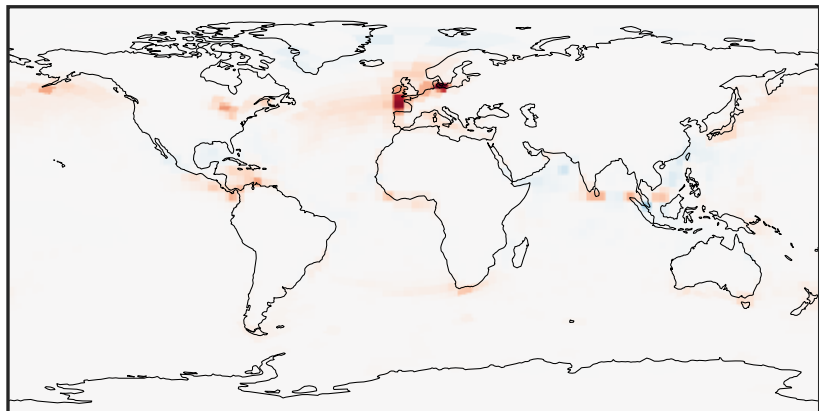
14.2.0-rc.2 (Ref)
c24



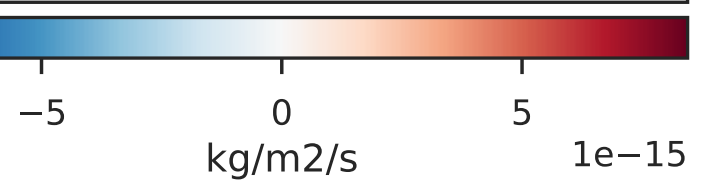
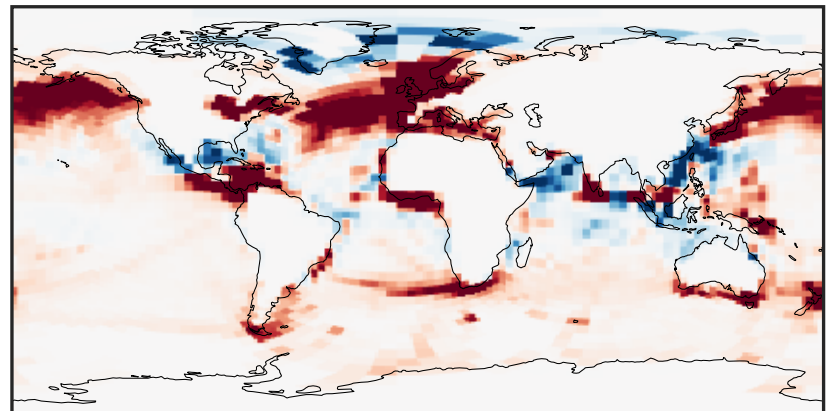
14.3.0-rc.0 (Dev)
c24



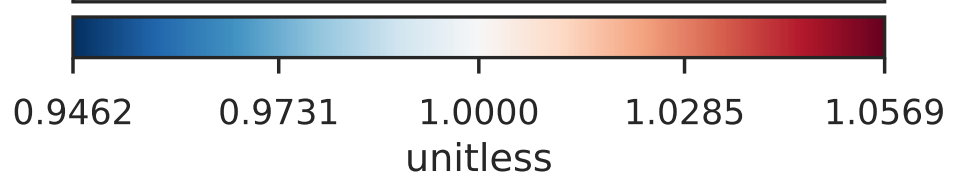
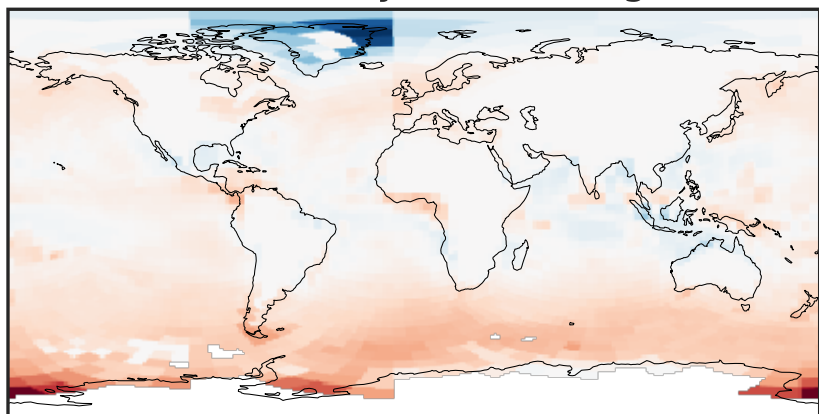
Difference (1x1.25)
Dev - Ref, Dynamic Range



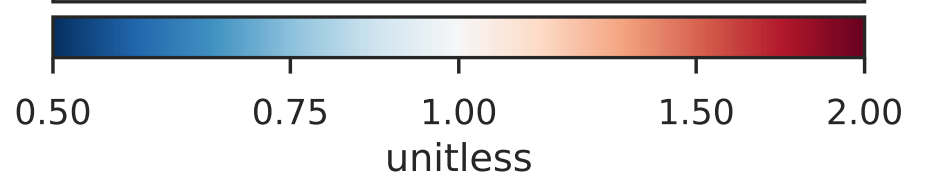
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

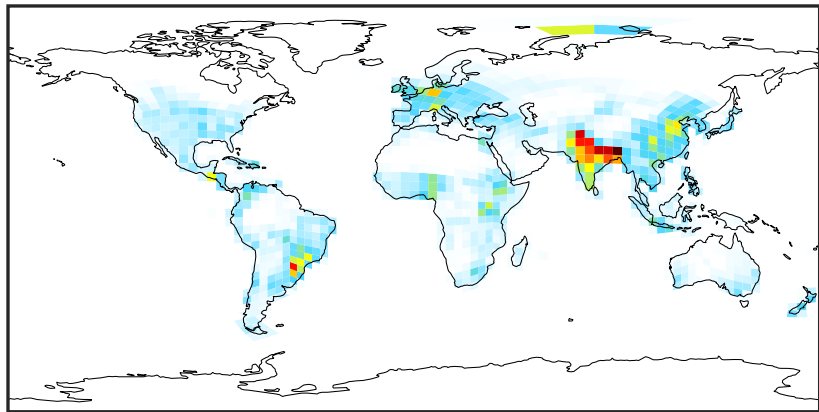


Ratio (1x1.25)
Dev/Ref, Fixed Range



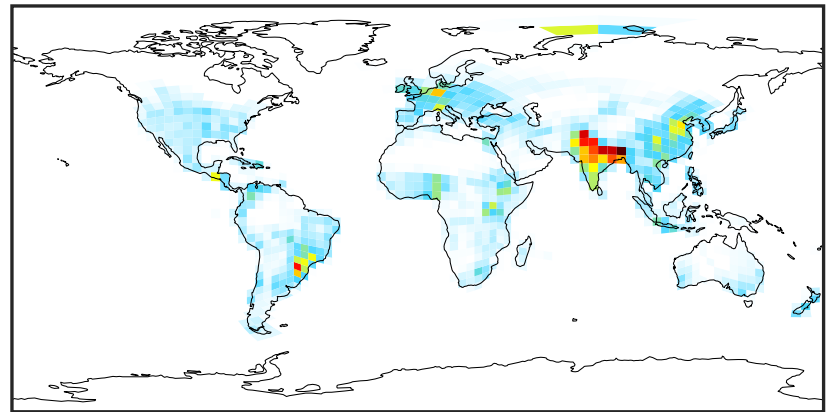
EmisNH3_Anthro (Oct2019)

14.2.0-rc.2 (Ref)
c24



0.0 0.4 0.8 1.2
kg/m²/s 1e-10

14.3.0-rc.0 (Dev)
c24



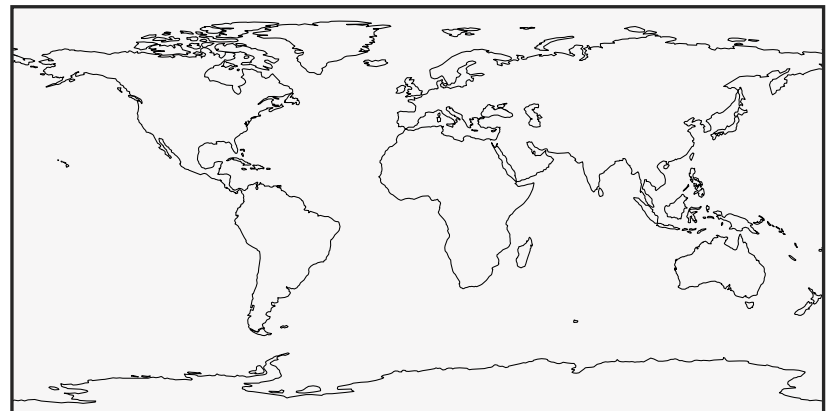
0.0 0.4 0.8 1.2
kg/m²/s 1e-10

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



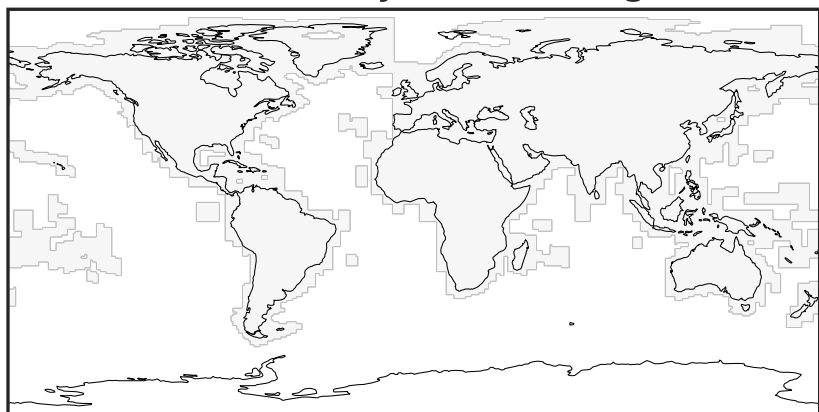
Zero throughout domain
kg/m²/s

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



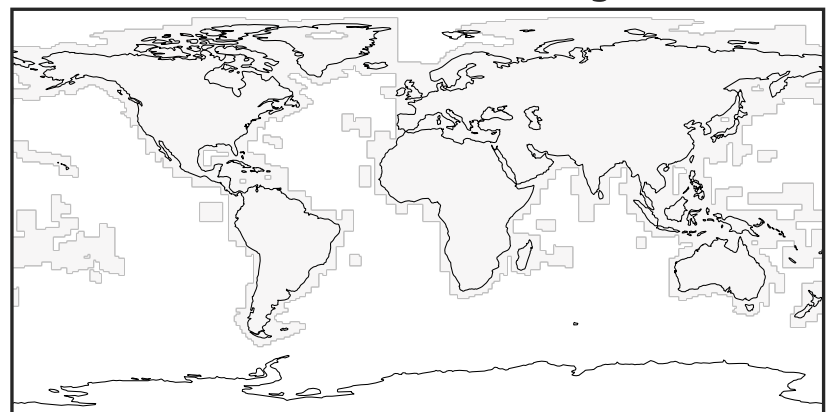
Zero throughout domain
kg/m²/s

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



Ref and Dev equal throughout domain
unitless

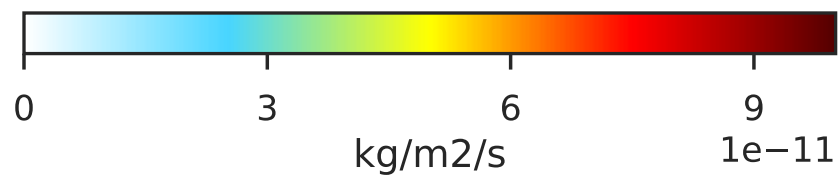
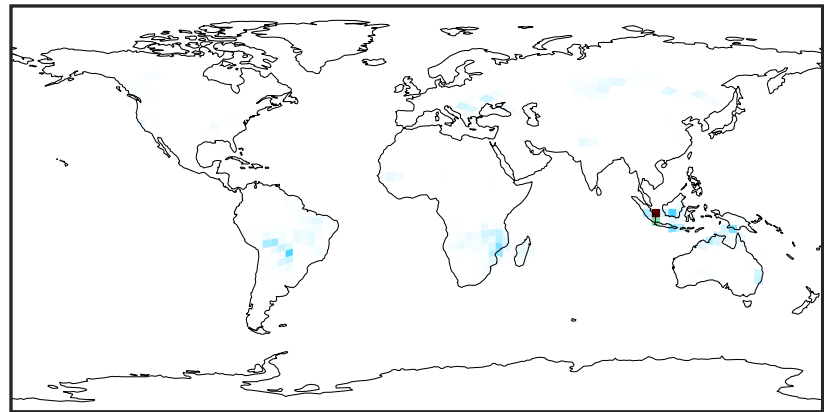
Ratio (1x1.25)
Dev/Ref, Fixed Range



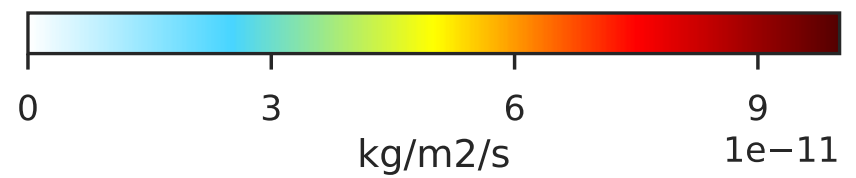
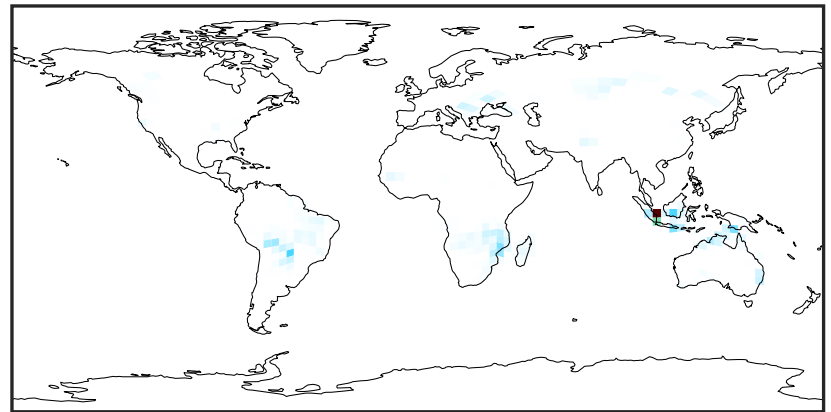
Ref and Dev equal throughout domain
unitless

EmisNH3_BioBurn (Oct2019)

14.2.0-rc.2 (Ref)
c24



14.3.0-rc.0 (Dev)
c24

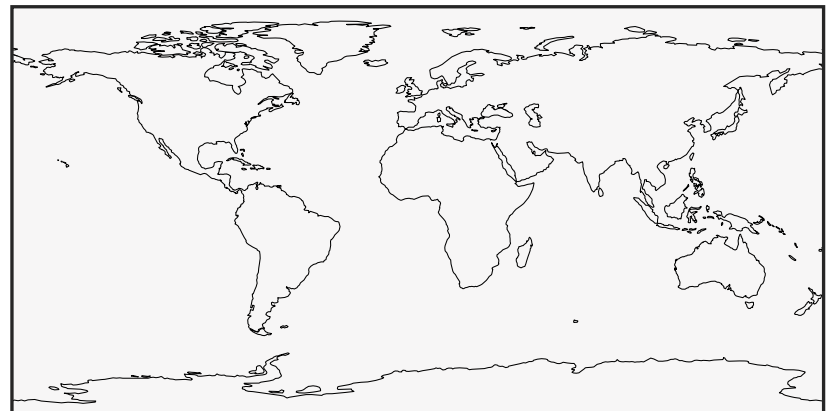


Difference (1x1.25)
Dev - Ref, Dynamic Range



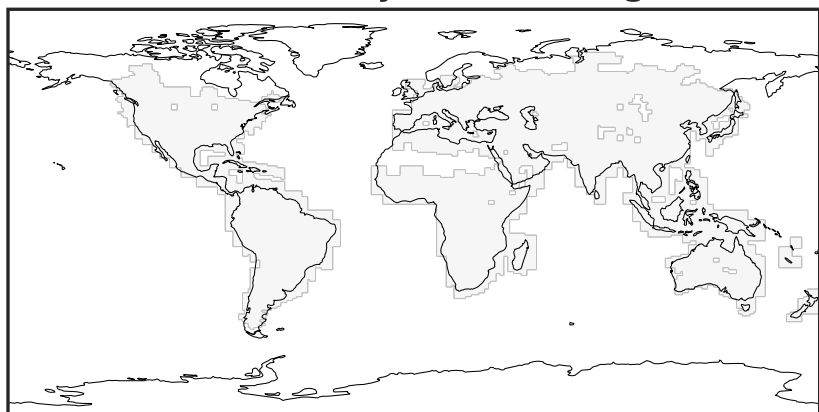
Zero throughout domain
kg/m2/s

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



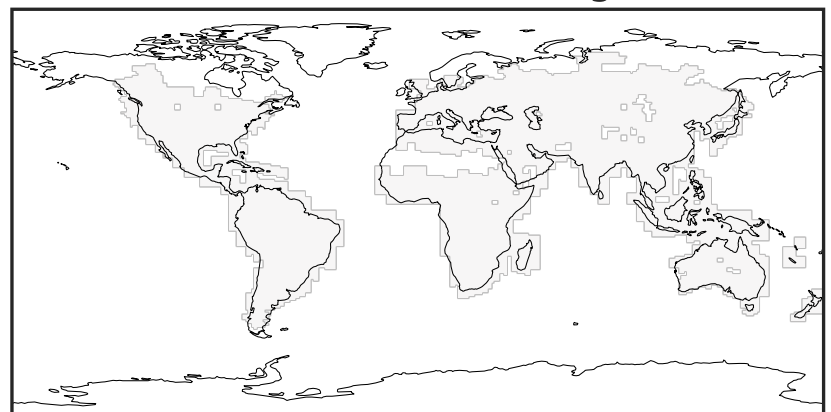
Zero throughout domain
kg/m2/s

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



Ref and Dev equal throughout domain
unitless

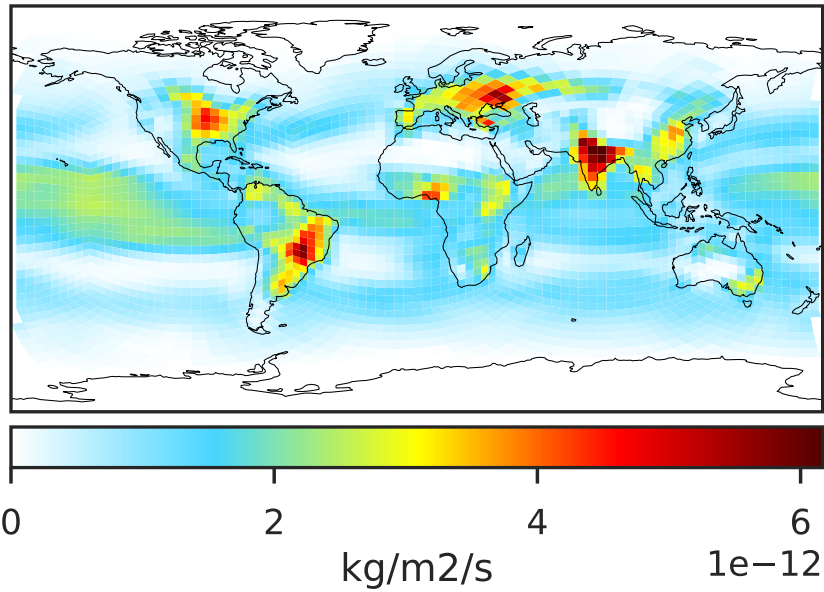
Ratio (1x1.25)
Dev/Ref, Fixed Range



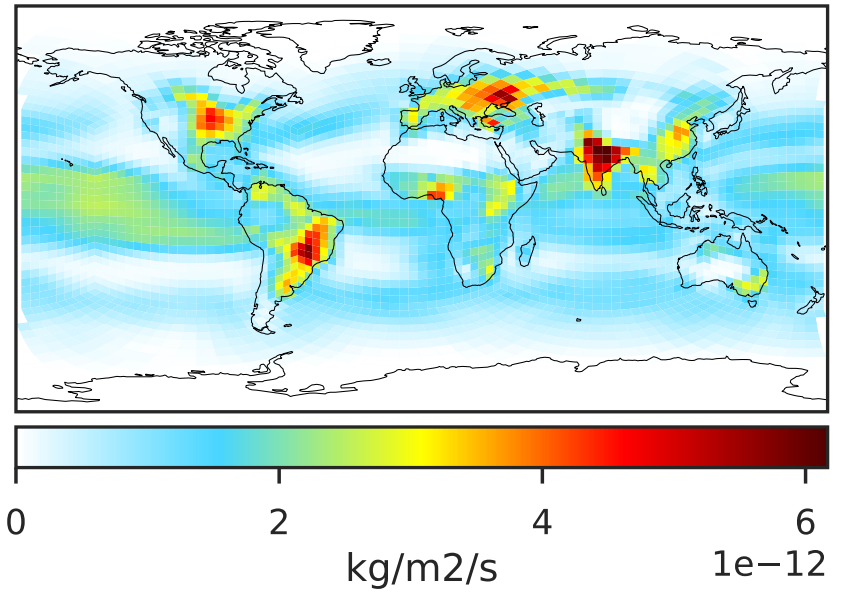
Ref and Dev equal throughout domain
unitless

EmisNH3_Natural (Oct2019)

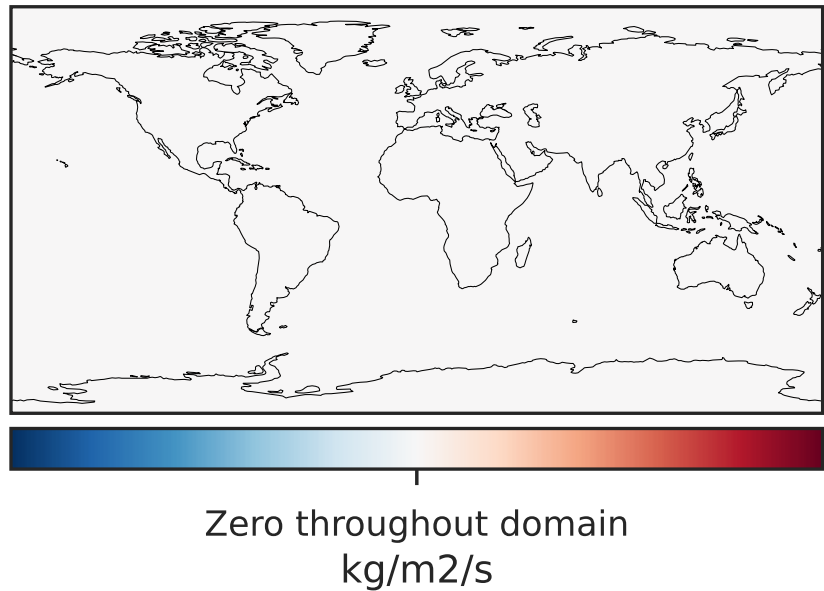
14.2.0-rc.2 (Ref)
c24



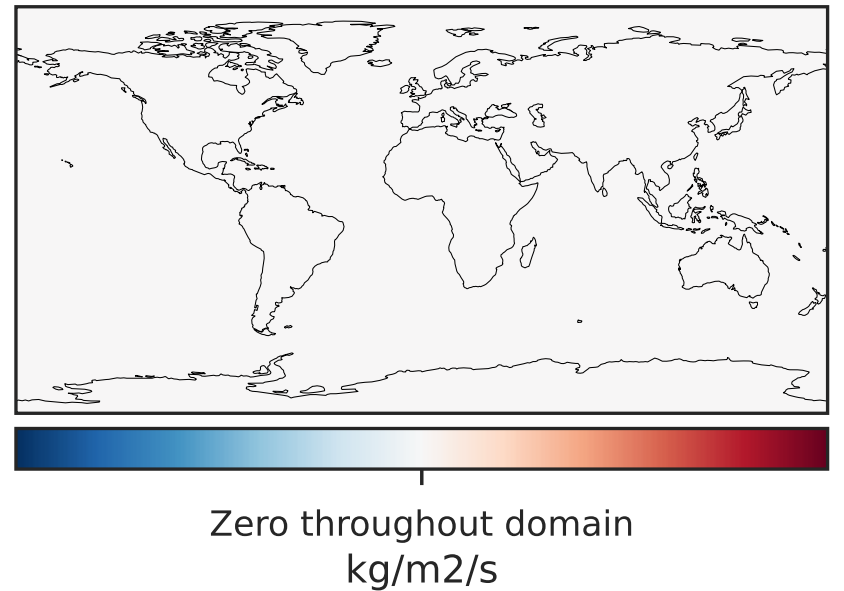
14.3.0-rc.0 (Dev)
c24



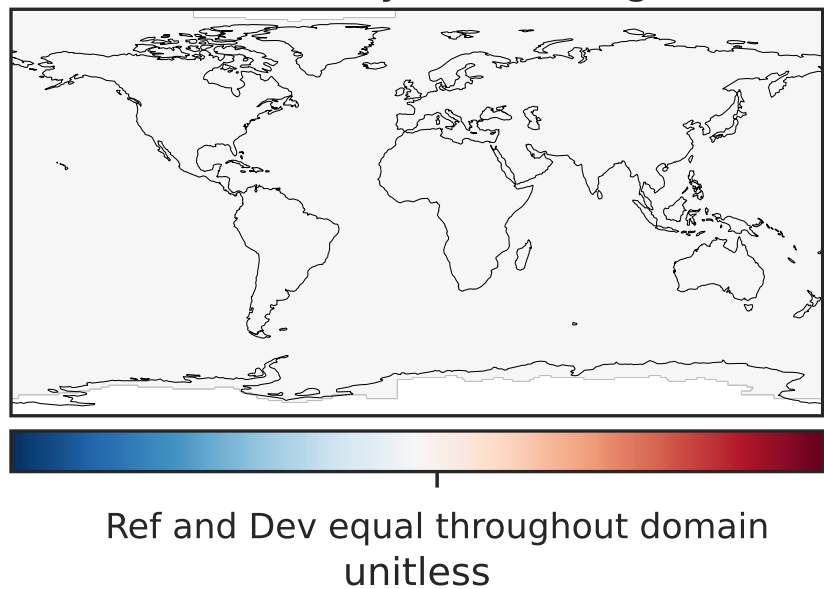
Difference (1x1.25)
Dev - Ref, Dynamic Range



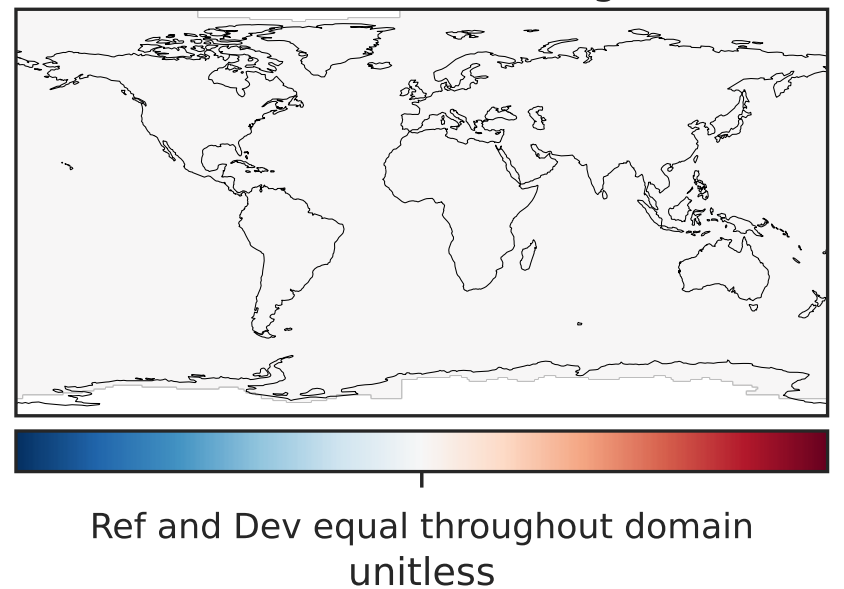
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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



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



EmisNH3_Seabirds (Oct2019)

14.2.0-rc.2 (Ref)
c24



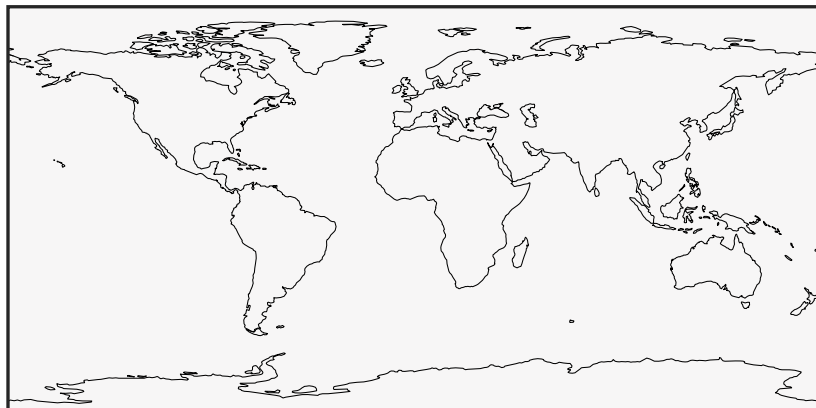
Zero throughout domain
kg/m²/s

14.3.0-rc.0 (Dev)
c24



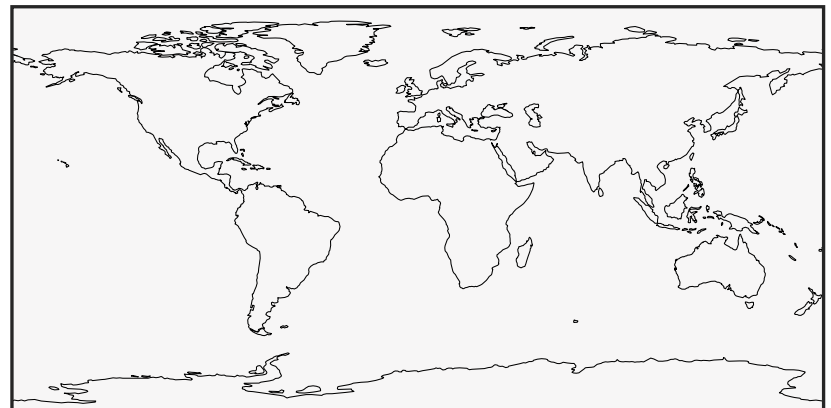
Zero throughout domain
kg/m²/s

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



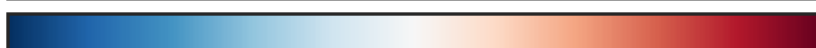
Zero throughout domain
kg/m²/s

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



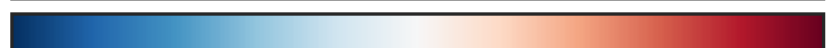
Zero throughout domain
kg/m²/s

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



Undefined throughout domain
unitless

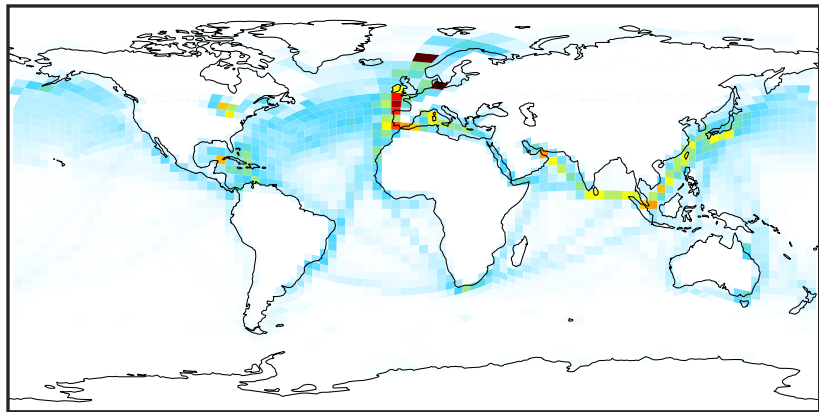
Ratio (1x1.25)
Dev/Ref, Fixed Range



Undefined throughout domain
unitless

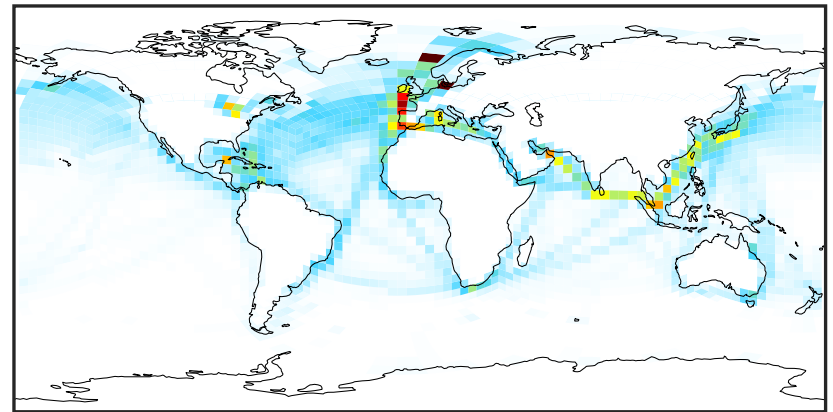
EmisNH3_Ship (Oct2019)

14.2.0-rc.2 (Ref)
c24



0.0 0.8 1.6 2.4
kg/m2/s $1e-14$

14.3.0-rc.0 (Dev)
c24



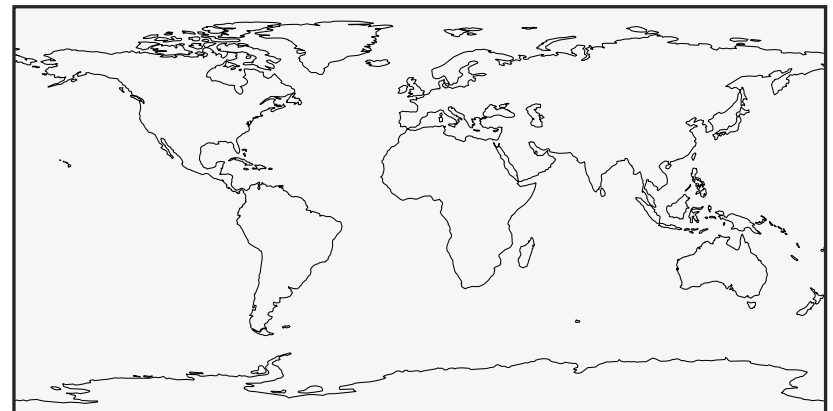
0.0 0.8 1.6 2.4
kg/m2/s $1e-14$

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



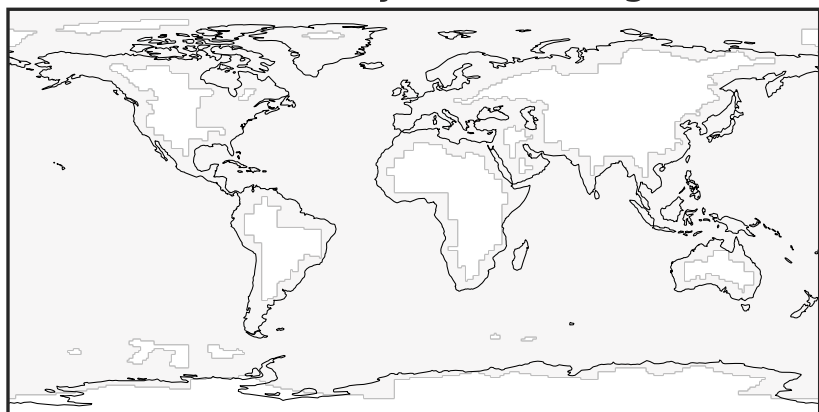
Zero throughout domain
kg/m2/s

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



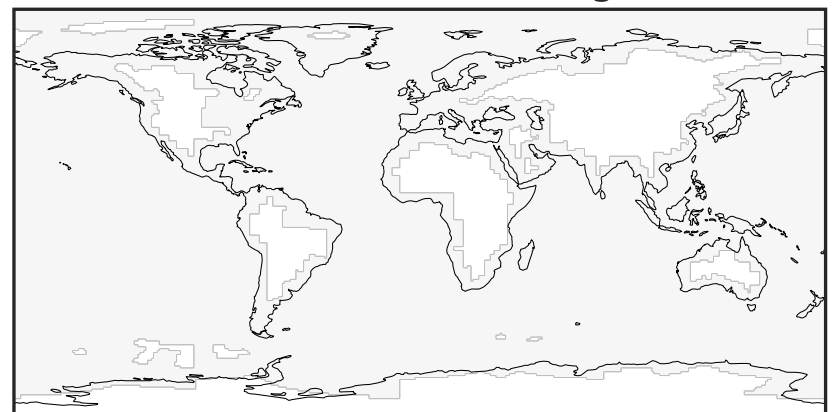
Zero throughout domain
kg/m2/s

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



Ref and Dev equal throughout domain
unitless

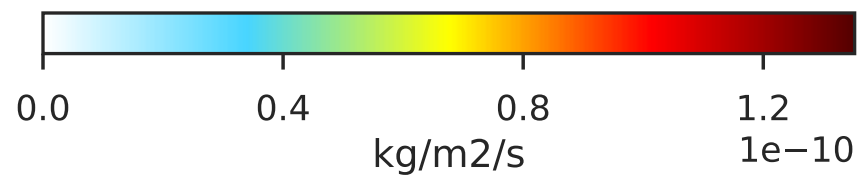
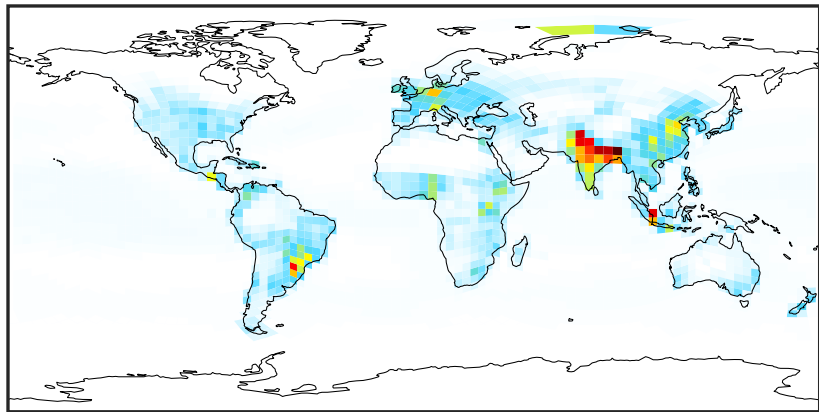
Ratio (1x1.25)
Dev/Ref, Fixed Range



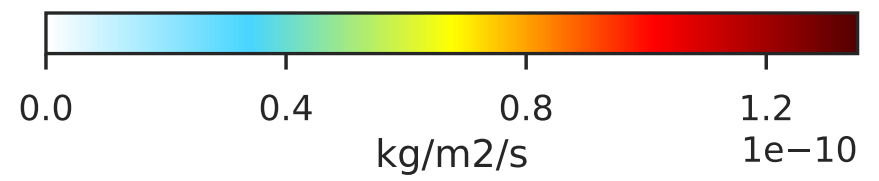
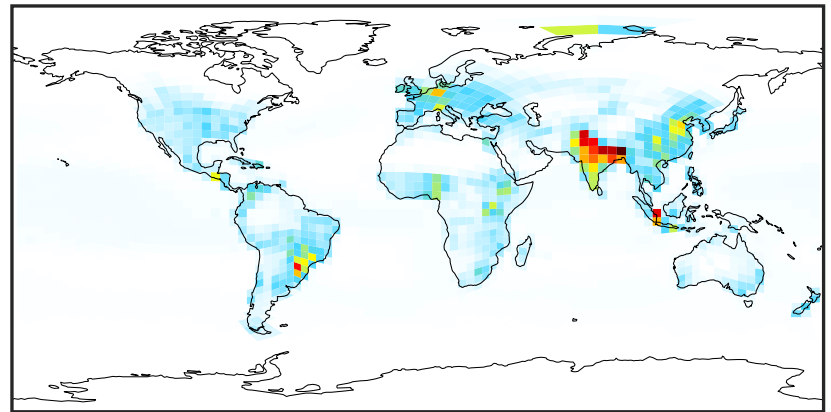
Ref and Dev equal throughout domain
unitless

EmisNH3_Total (Oct2019)

14.2.0-rc.2 (Ref)
c24



14.3.0-rc.0 (Dev)
c24



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



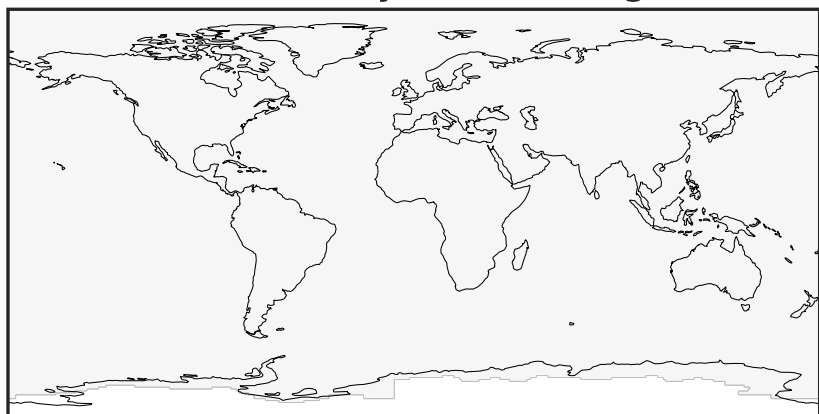
Zero throughout domain
kg/m2/s

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



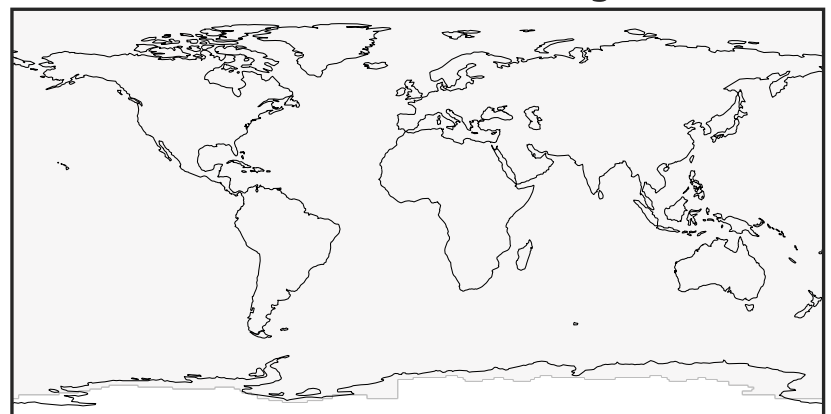
Zero throughout domain
kg/m2/s

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



Ref and Dev equal throughout domain
unitless

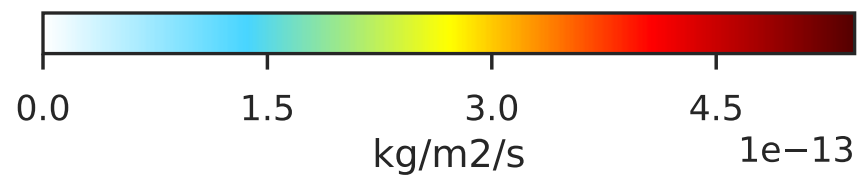
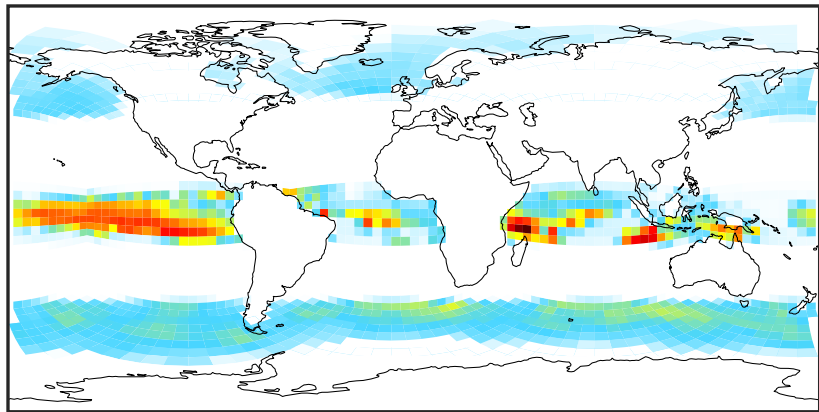
Ratio (1x1.25)
Dev/Ref, Fixed Range



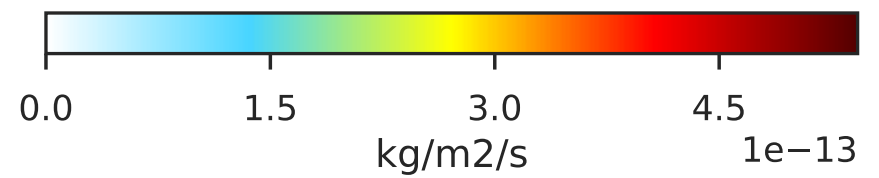
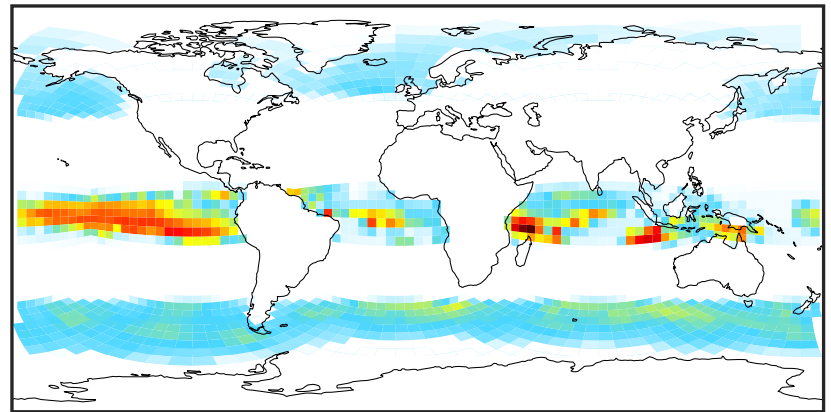
Ref and Dev equal throughout domain
unitless

EmisMENO3_Ocean (Oct2019)

14.2.0-rc.2 (Ref)
c24



14.3.0-rc.0 (Dev)
c24

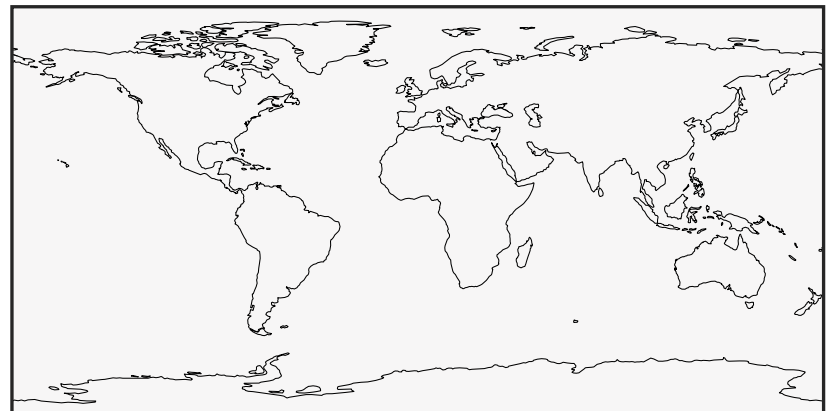


Difference (1x1.25)
Dev - Ref, Dynamic Range



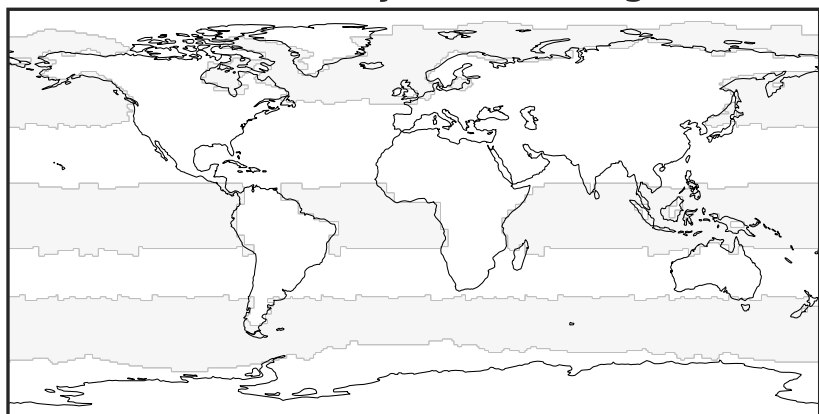
Zero throughout domain
kg/m2/s

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



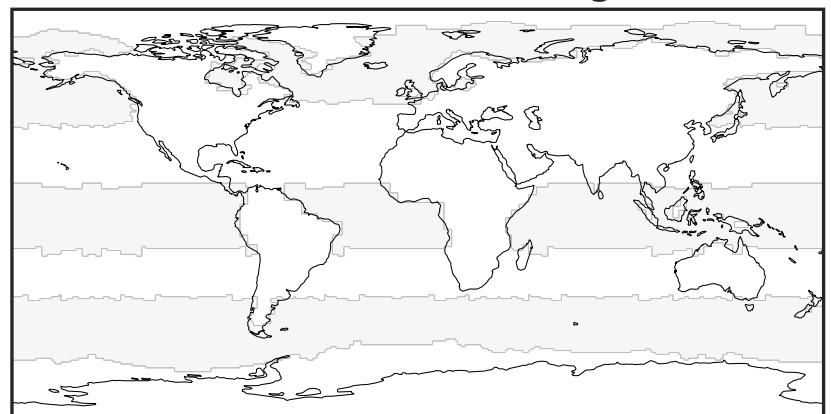
Zero throughout domain
kg/m2/s

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



Ref and Dev equal throughout domain
unitless

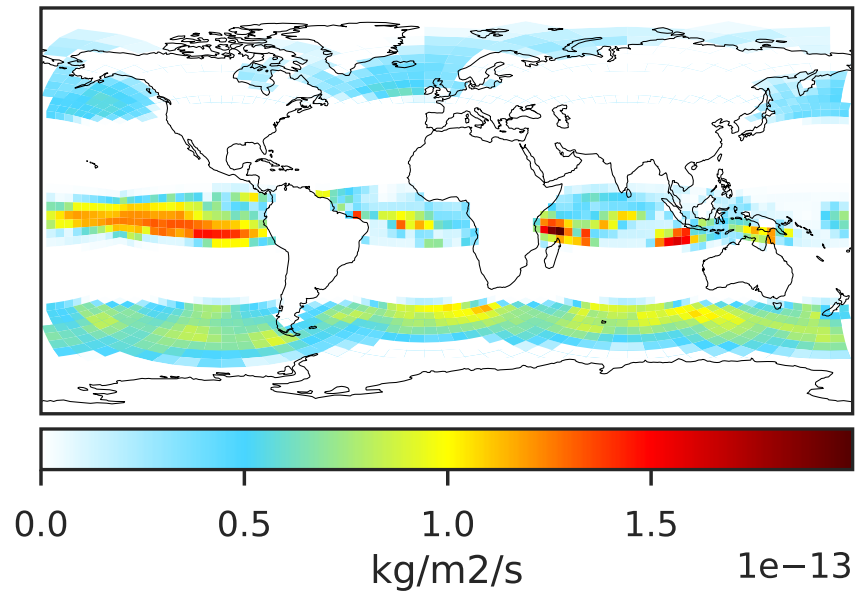
Ratio (1x1.25)
Dev/Ref, Fixed Range



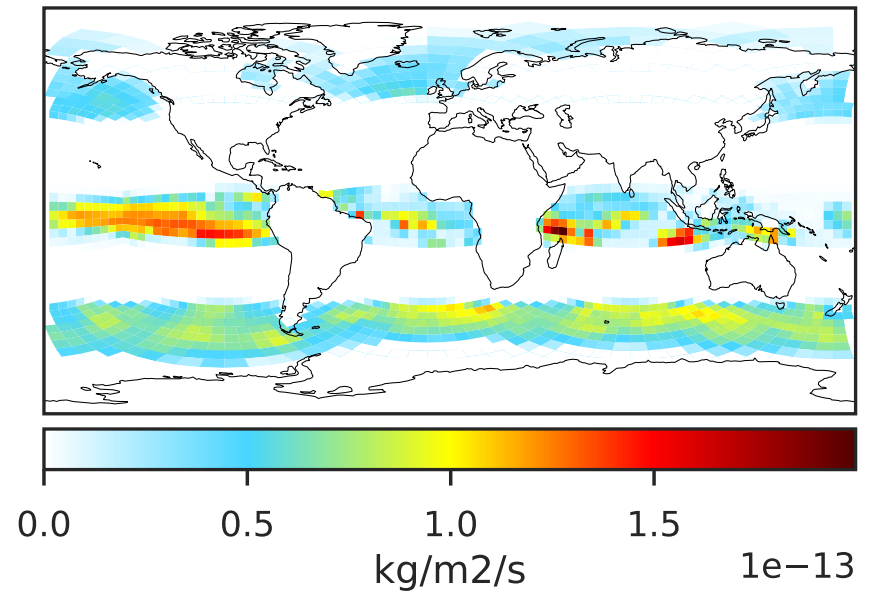
Ref and Dev equal throughout domain
unitless

EmisETNO3_Ocean (Oct2019)

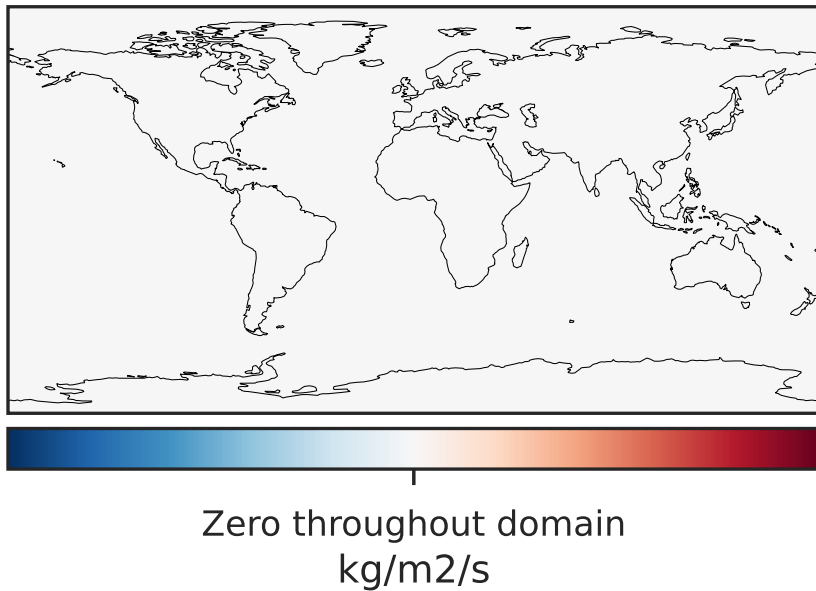
14.2.0-rc.2 (Ref)
c24



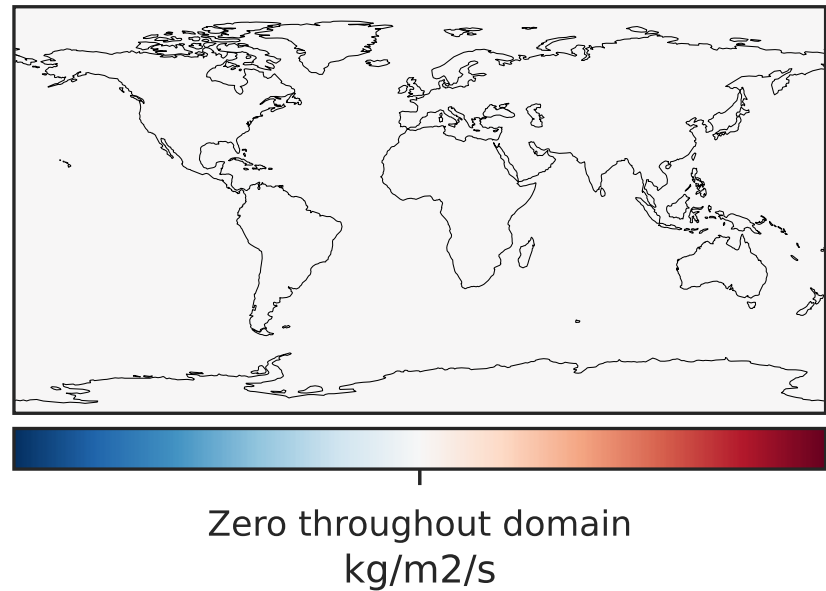
14.3.0-rc.0 (Dev)
c24



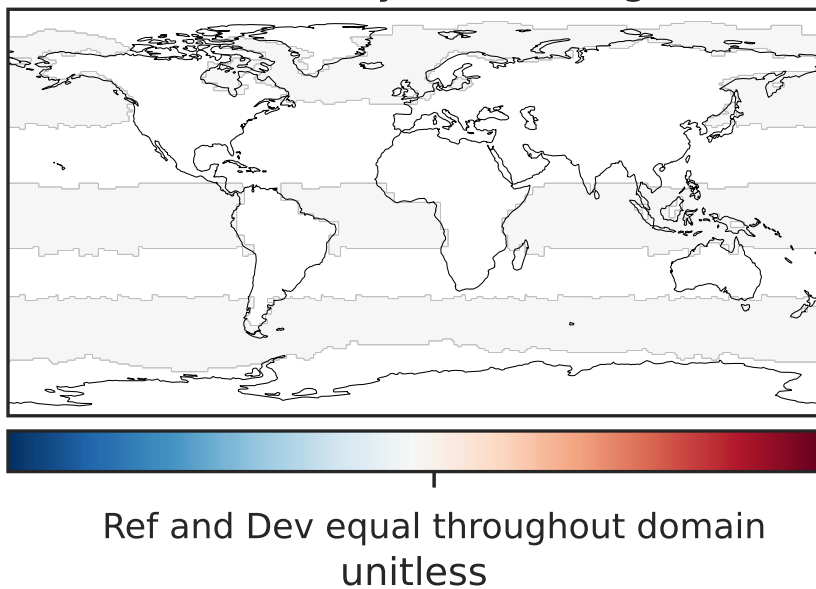
Difference (1x1.25)
Dev - Ref, Dynamic Range



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



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



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

