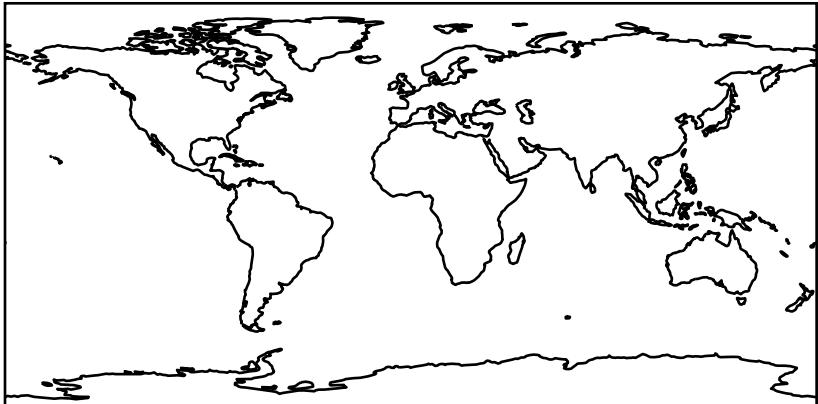
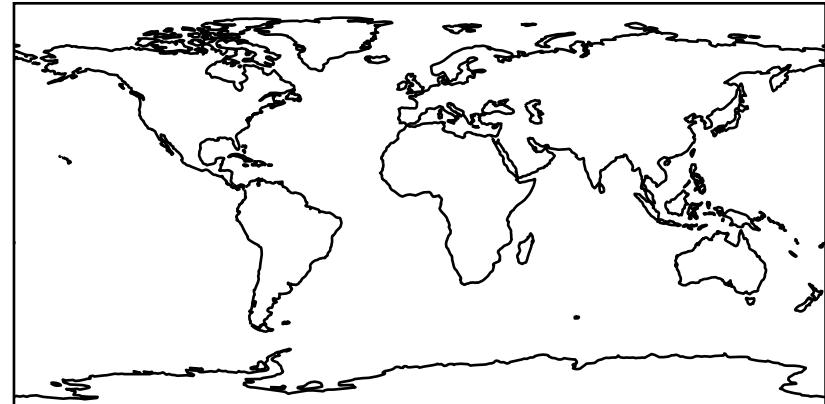


EmisALD2_Ship

GCHP_12.4.0 (Ref)
c48



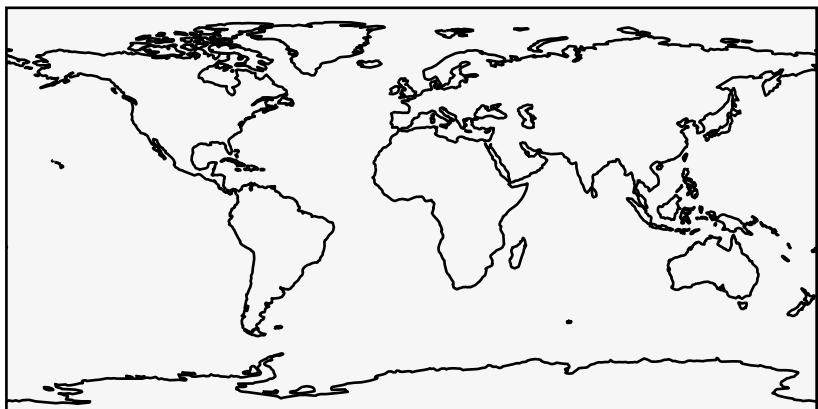
GCHP_12.5.0_c24 (Dev)
c24



Zero throughout domain
kg/m²/s

Zero throughout domain
kg/m²/s

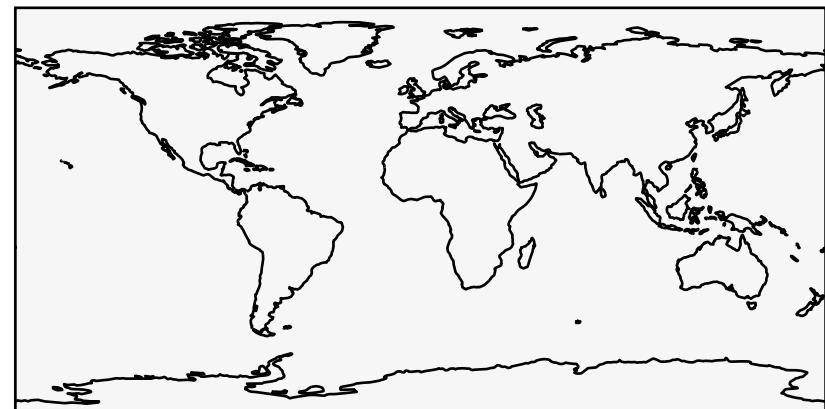
Difference (1x1.25)
Dev - Ref, Dynamic Range



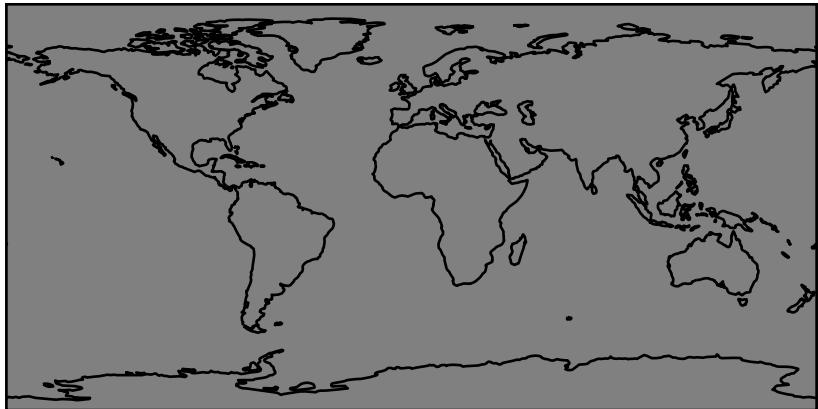
Zero throughout domain
kg/m²/s

Zero throughout domain
kg/m²/s

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

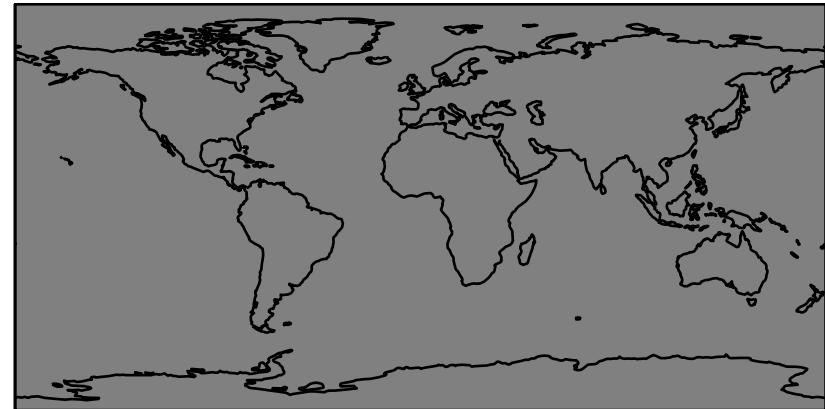


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



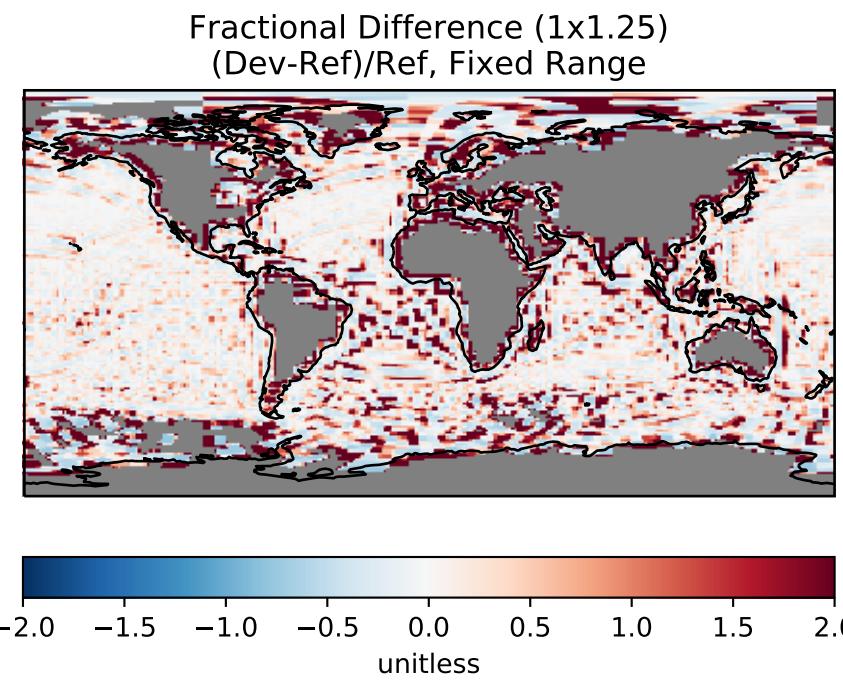
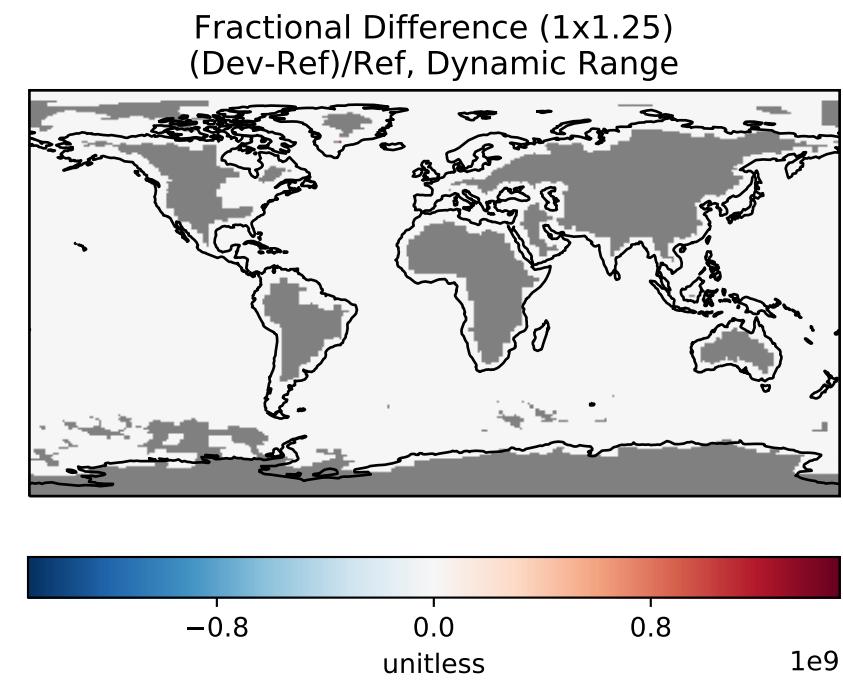
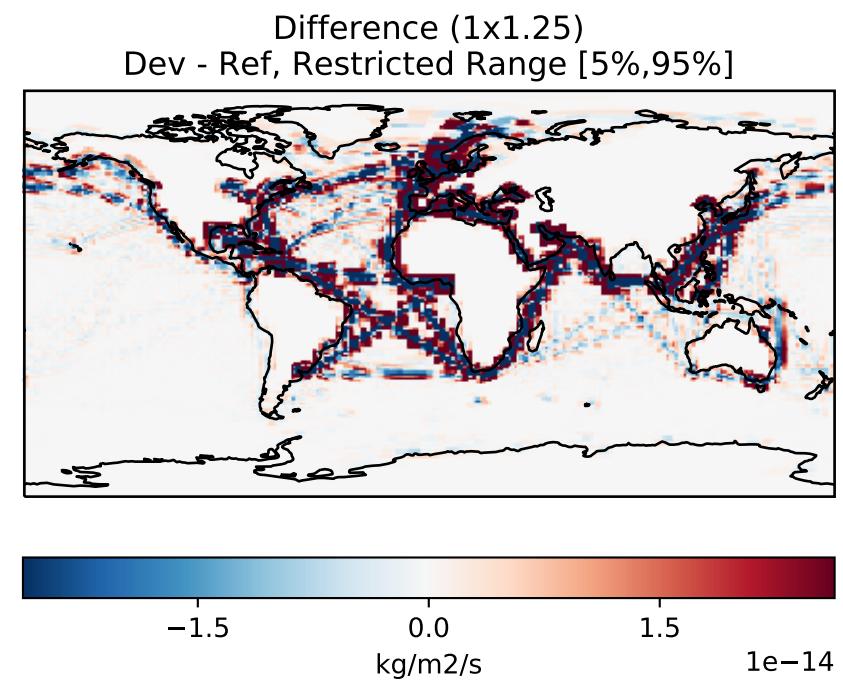
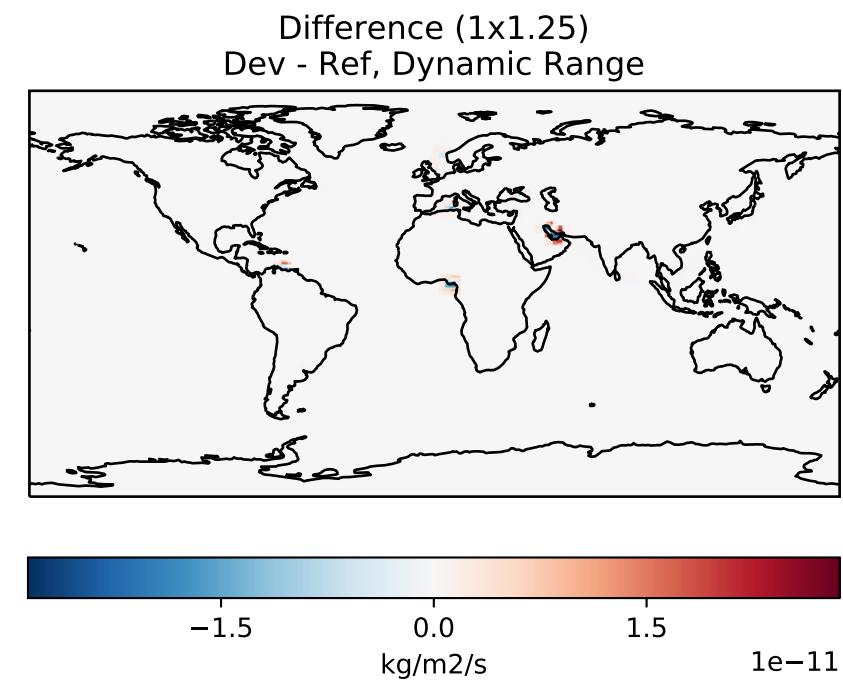
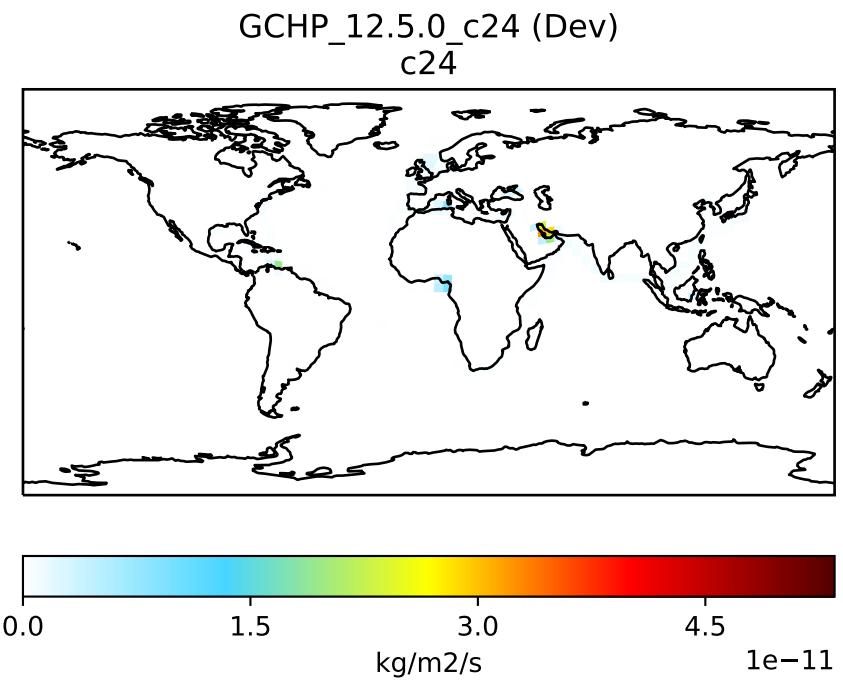
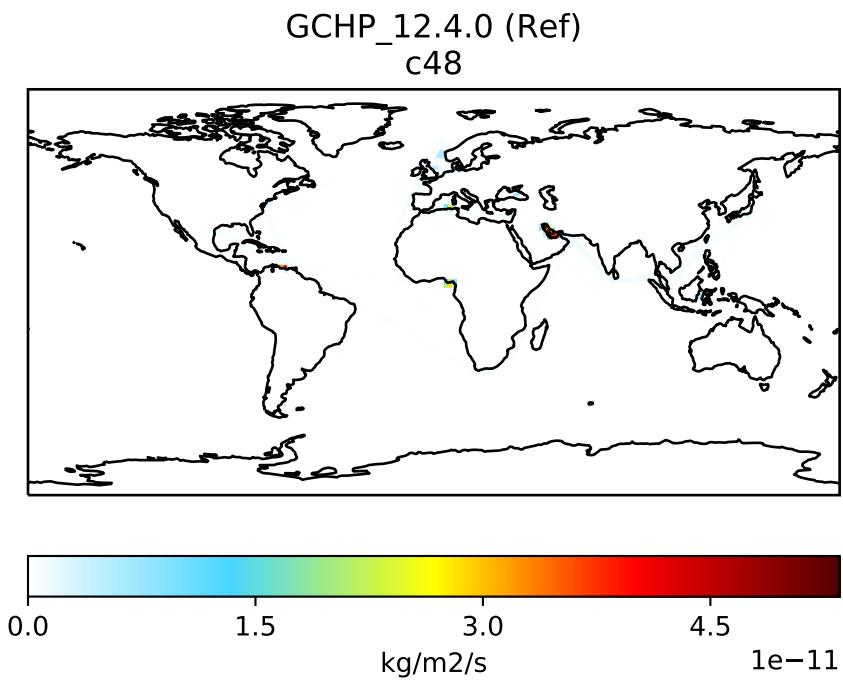
Undefined throughout domain
unitless

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



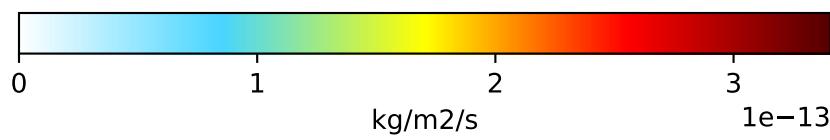
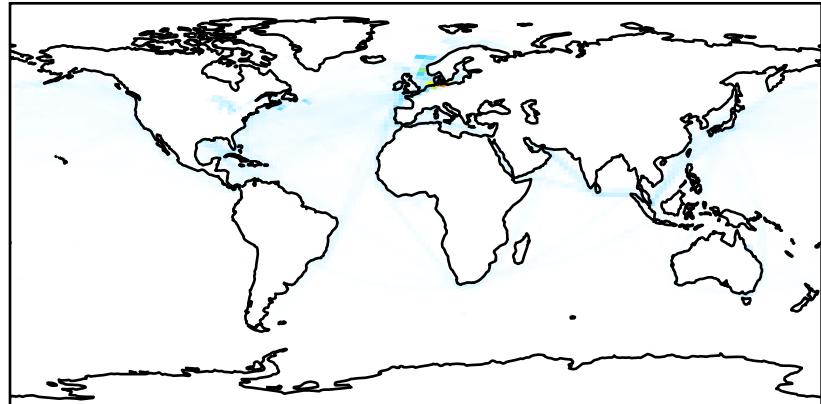
Undefined throughout domain
unitless

EmisALK4_Ship

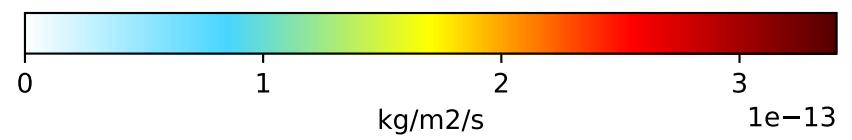
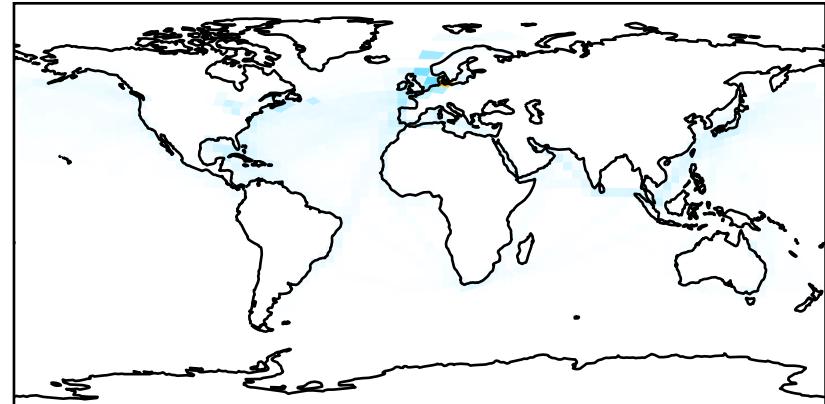


EmisBCPI_Ship

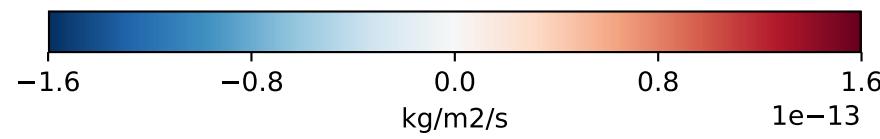
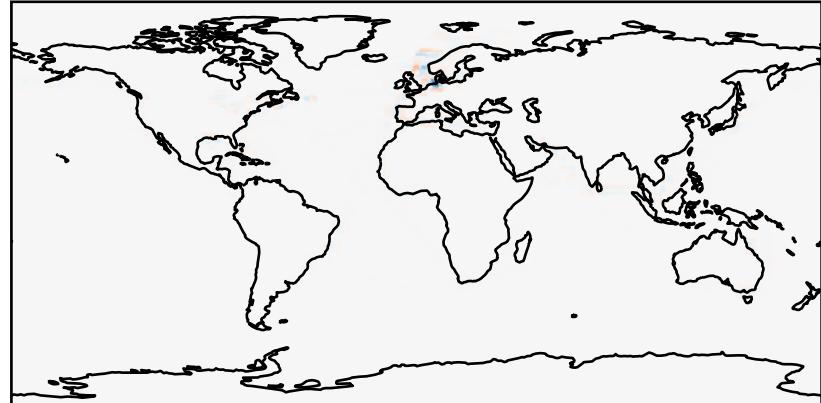
GCHP_12.4.0 (Ref)
c48



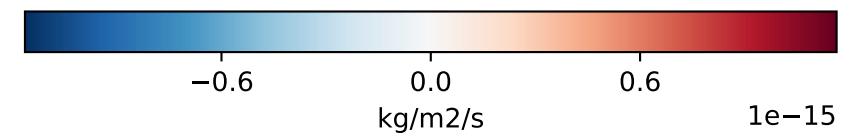
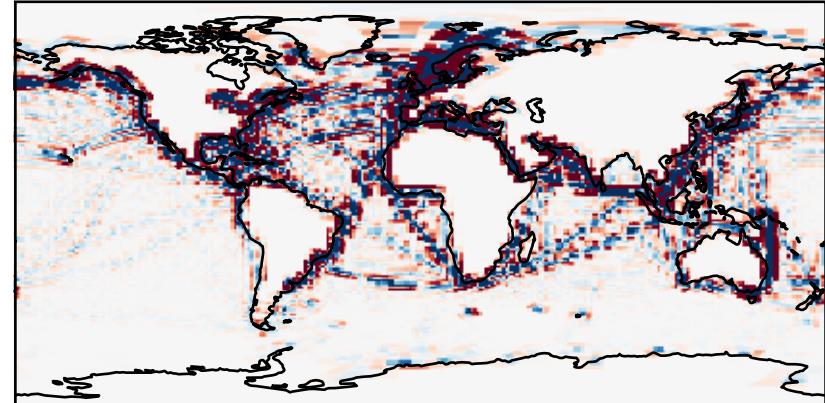
GCHP_12.5.0_c24 (Dev)
c24



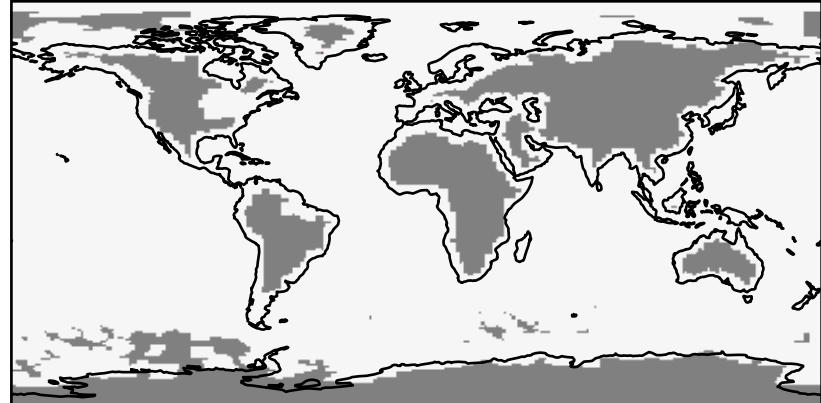
Difference (1x1.25)
Dev - Ref, Dynamic Range



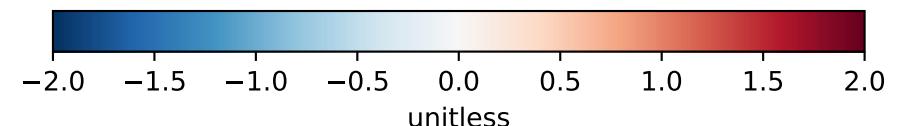
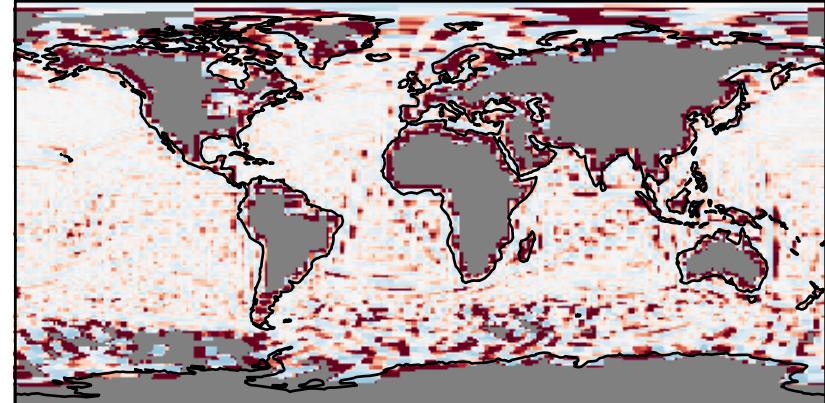
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



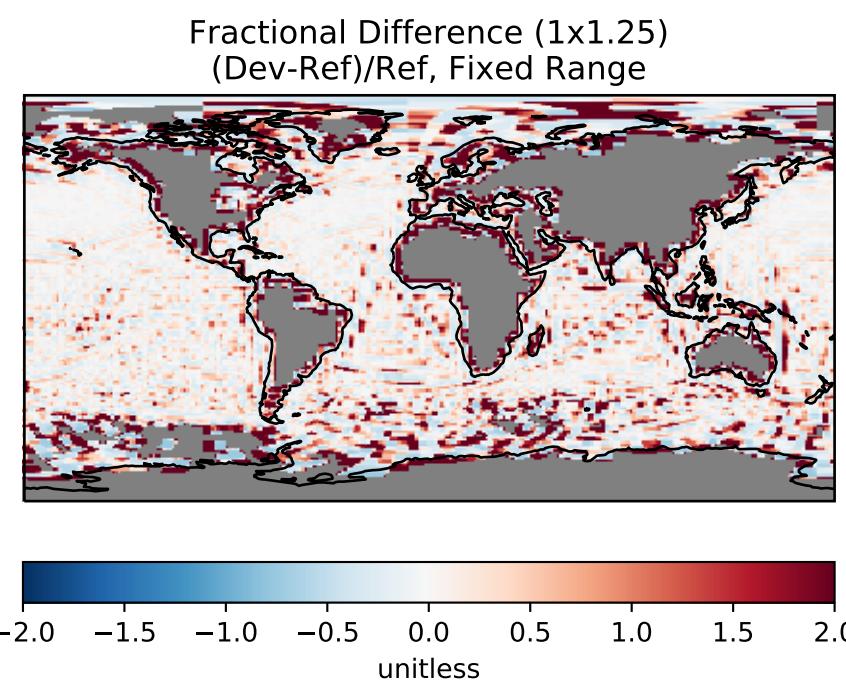
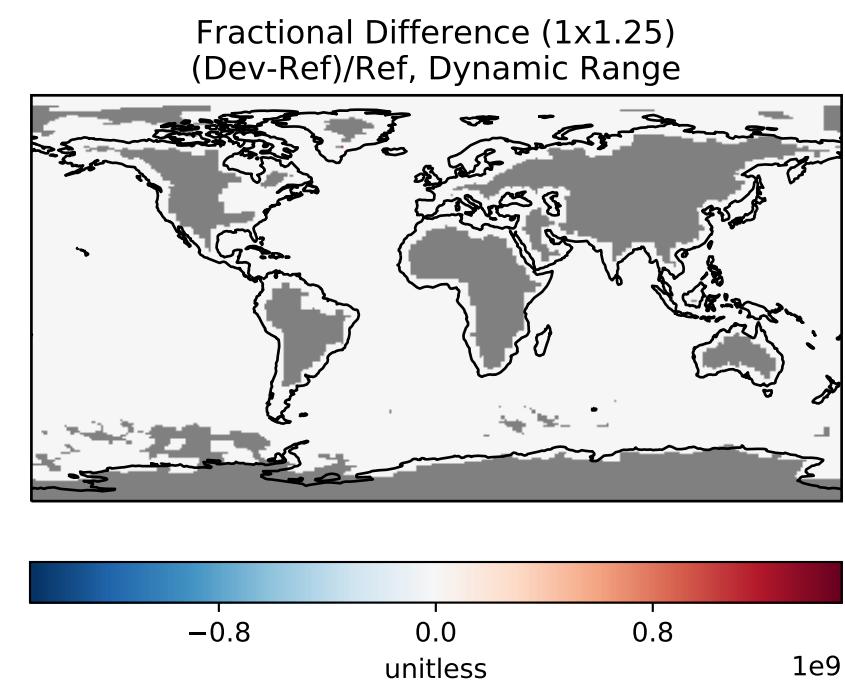
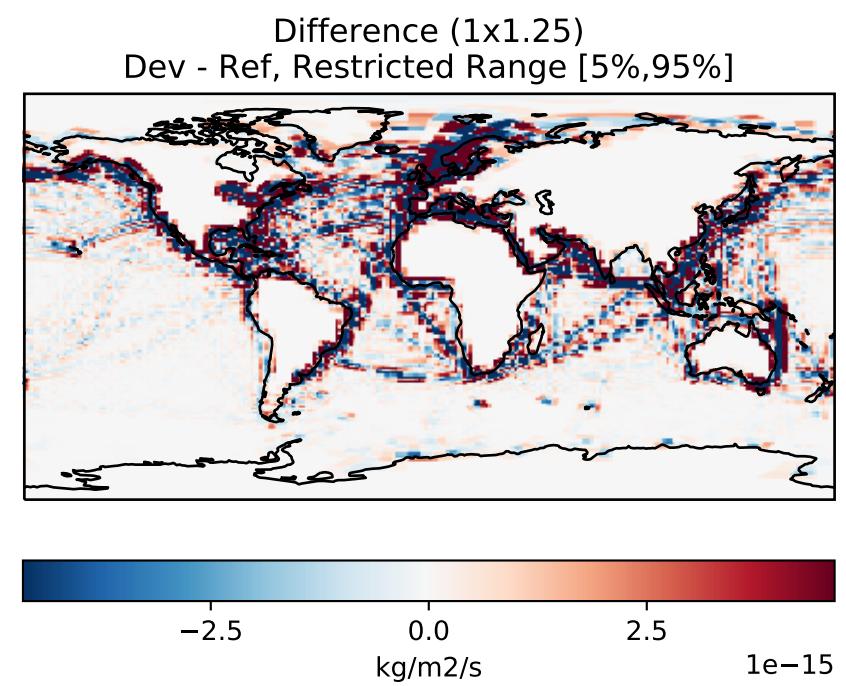
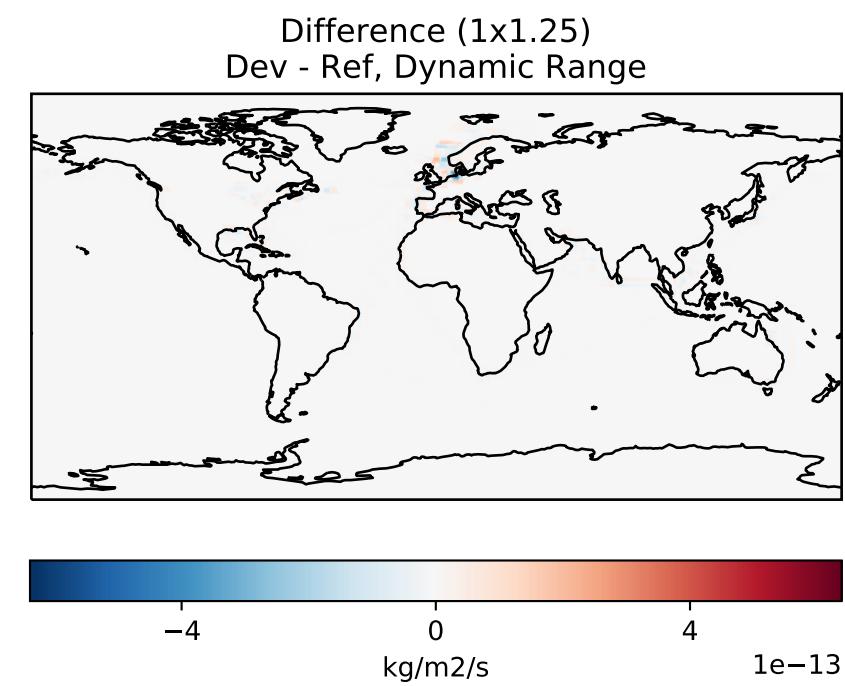
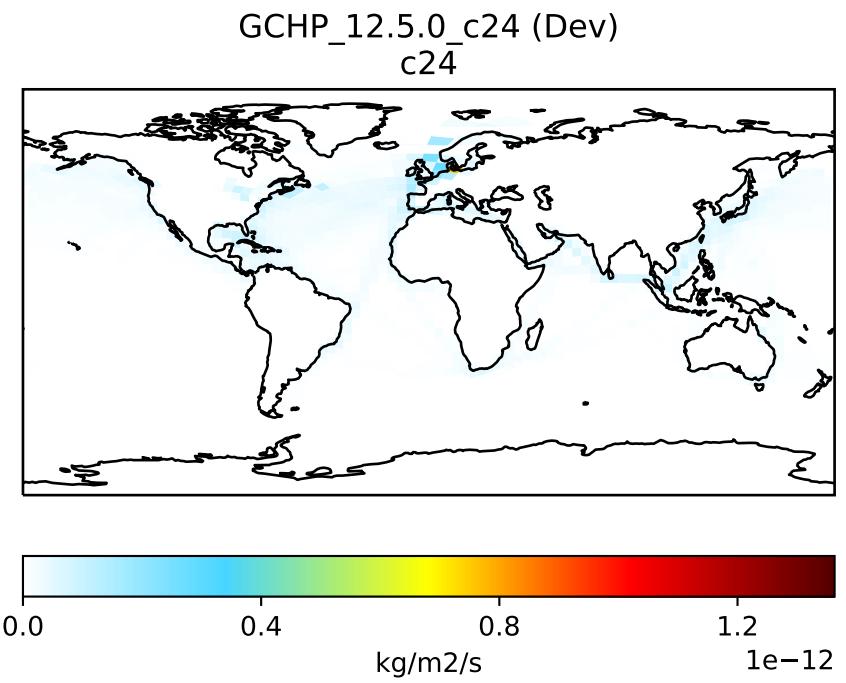
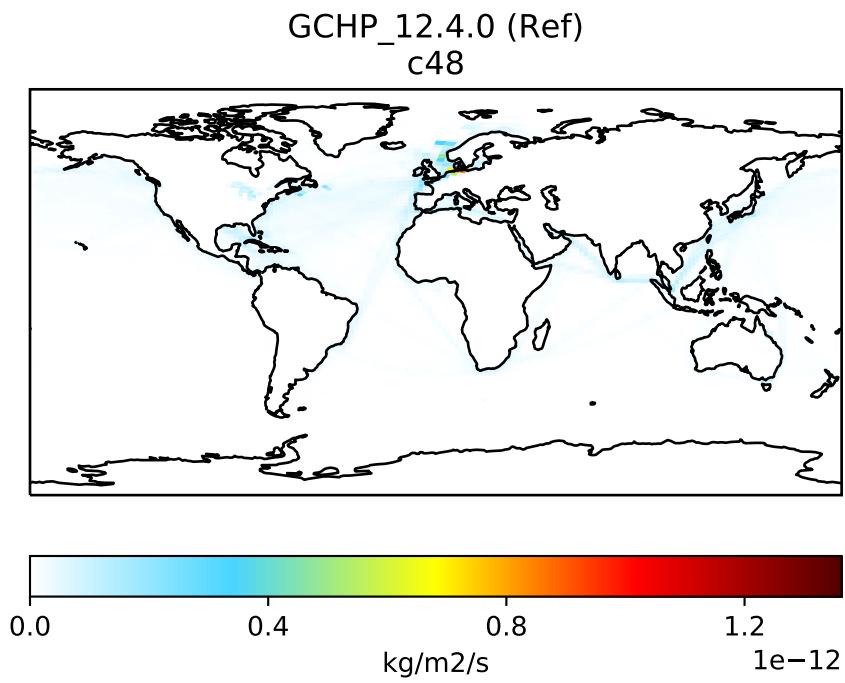
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

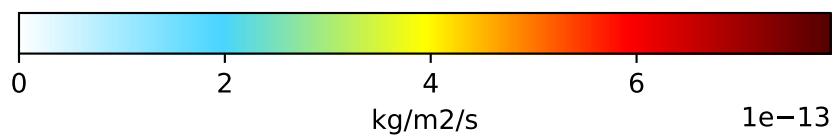
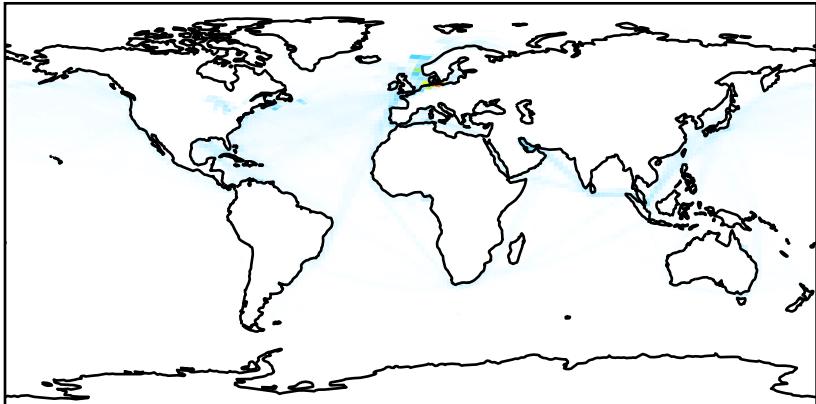


EmisBCPO_Ship

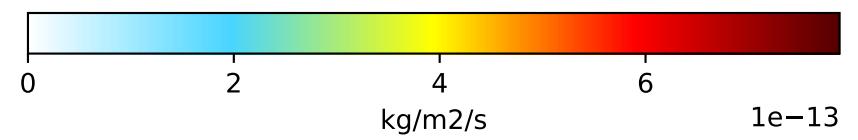
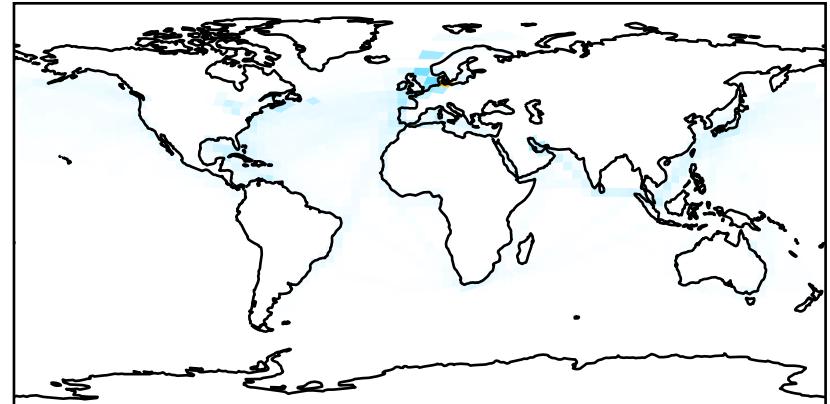


EmisBENZ_Ship

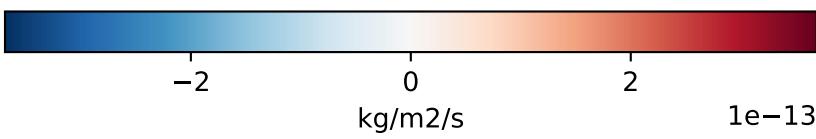
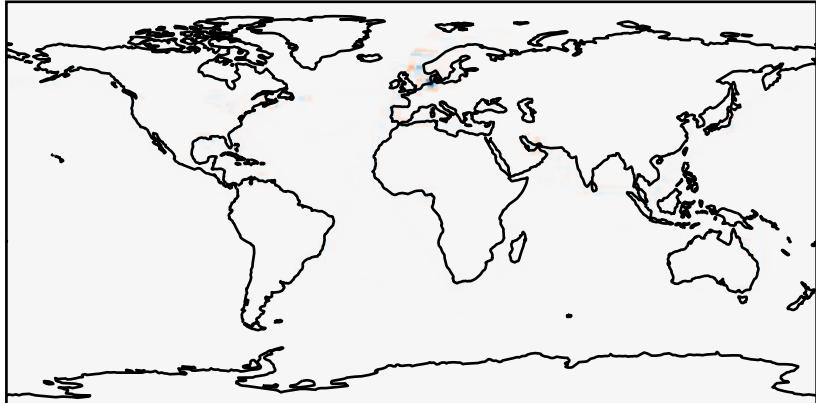
GCHP_12.4.0 (Ref)
c48



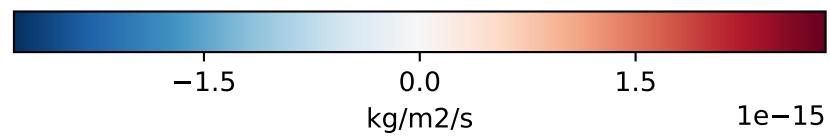
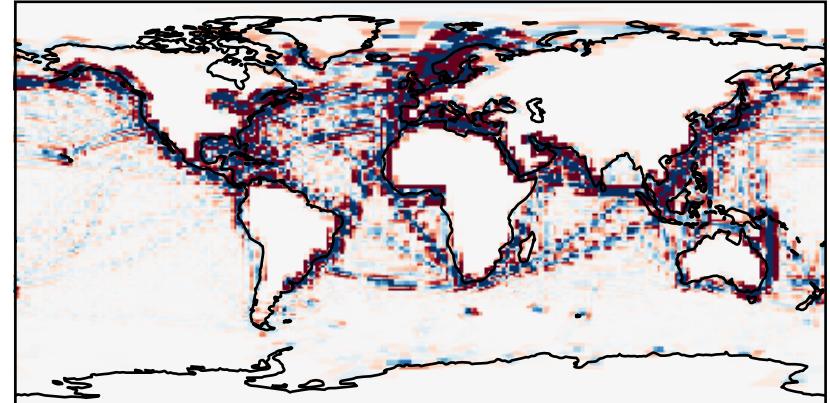
GCHP_12.5.0_c24 (Dev)
c24



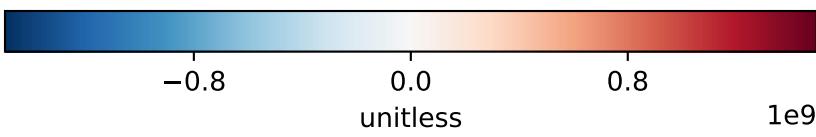
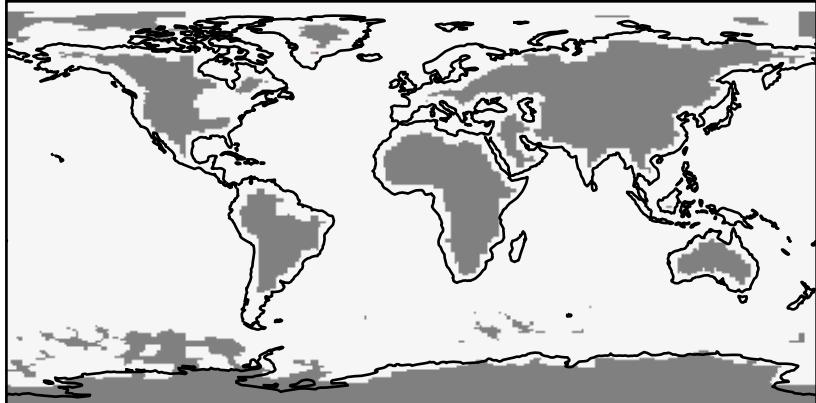
Difference (1x1.25)
Dev - Ref, Dynamic Range



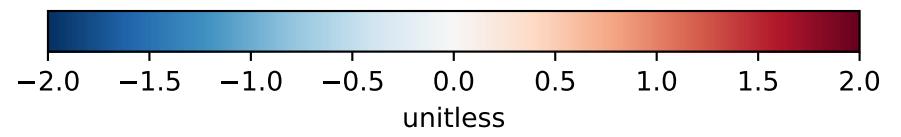
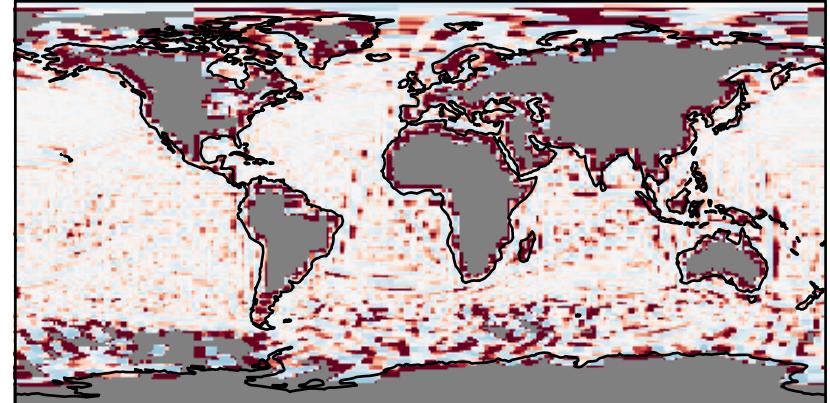
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

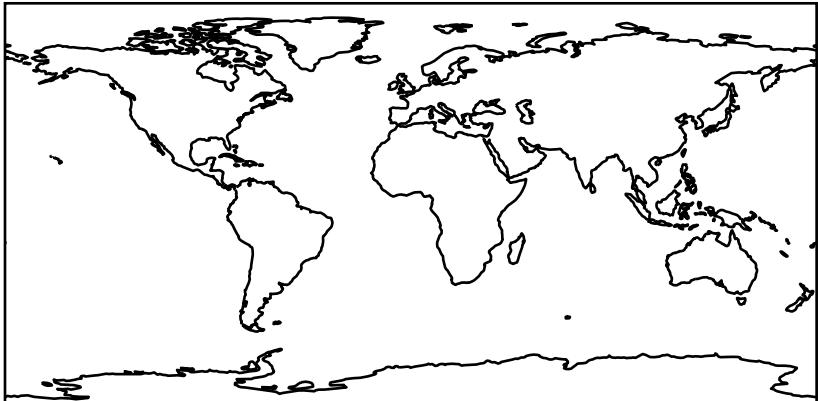


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



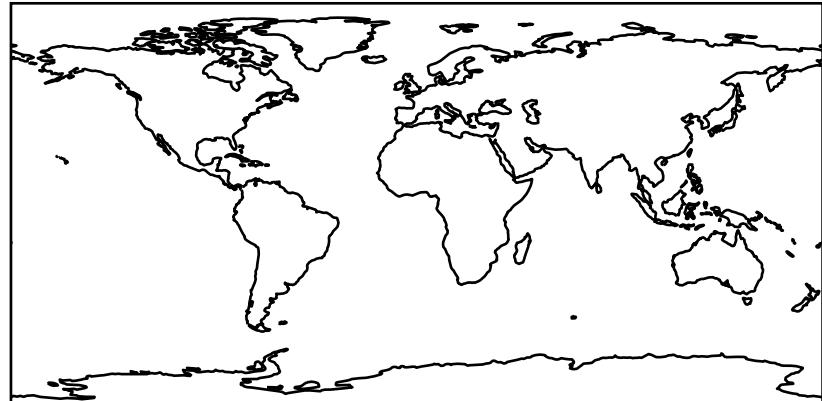
EmisC2H2_Ship

GCHP_12.4.0 (Ref)
c48



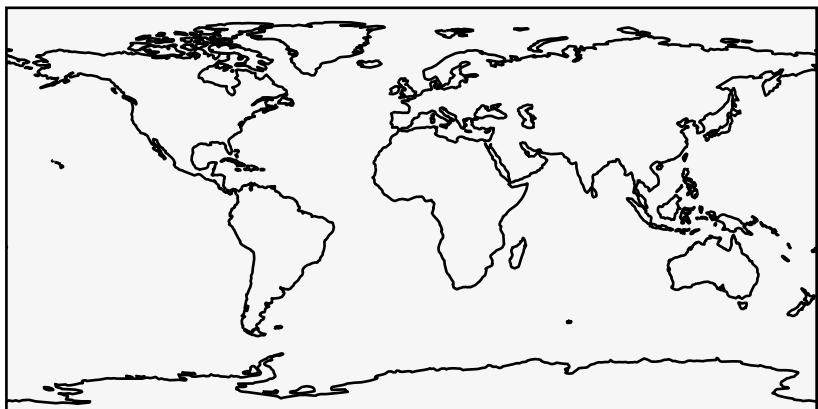
Zero throughout domain
kg/m²/s

GCHP_12.5.0_c24 (Dev)
c24



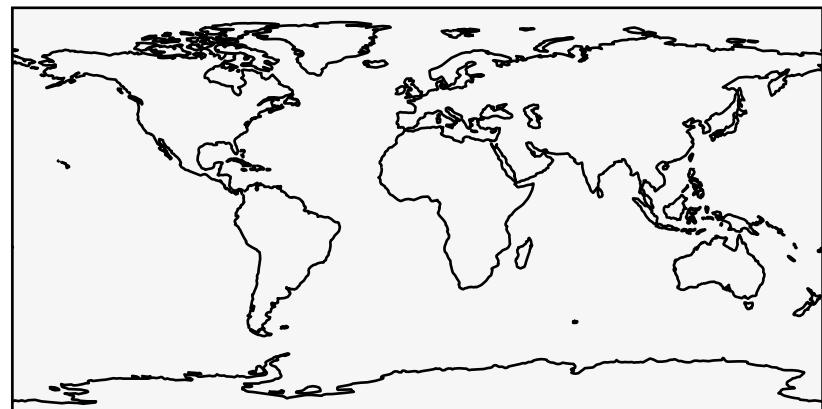
Zero throughout domain
kg/m²/s

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



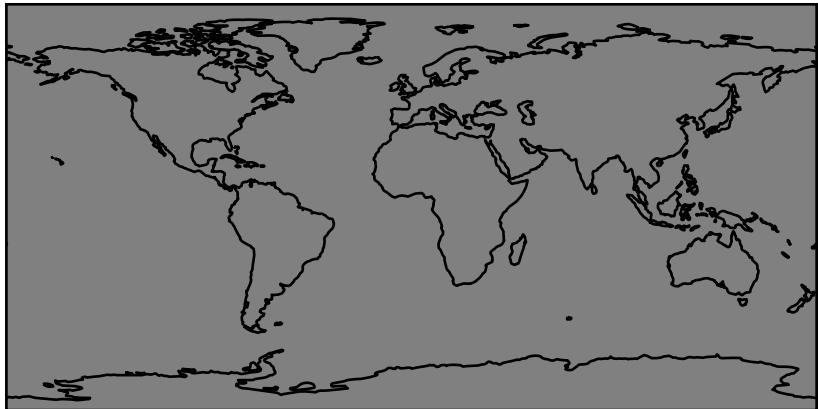
Zero throughout domain
kg/m²/s

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



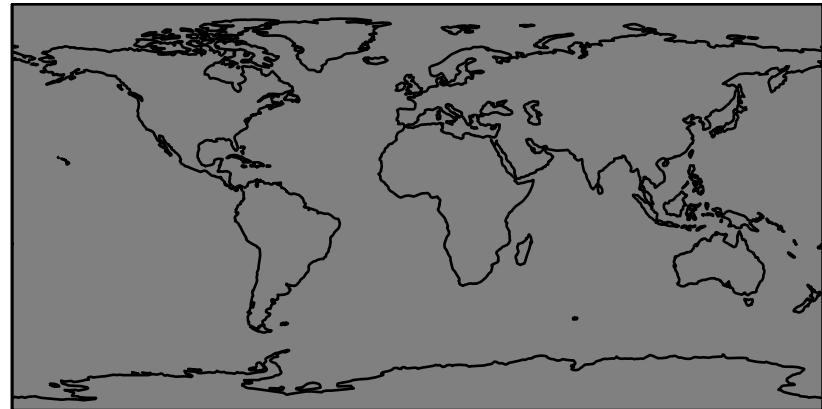
Zero throughout domain
kg/m²/s

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



Undefined throughout domain
unitless

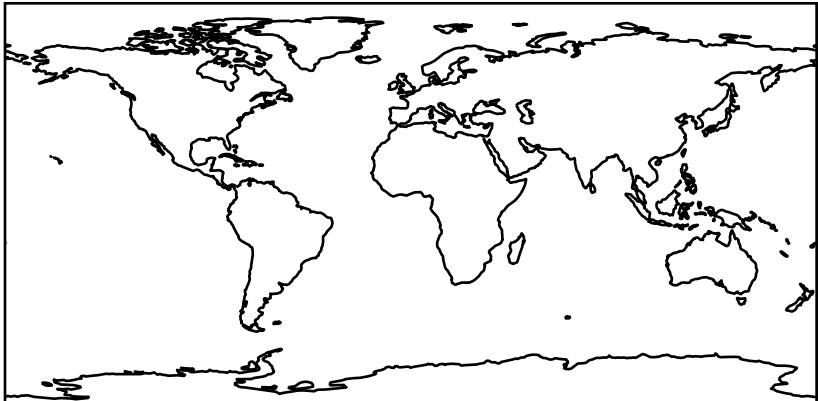
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



Undefined throughout domain
unitless

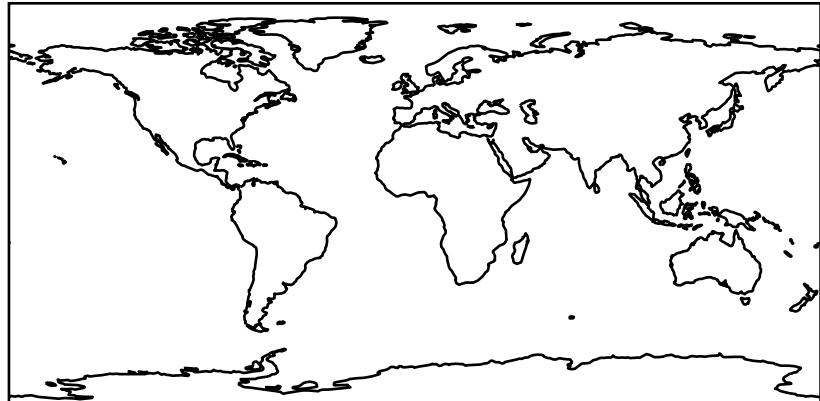
EmisC2H4_Ship

GCHP_12.4.0 (Ref)
c48



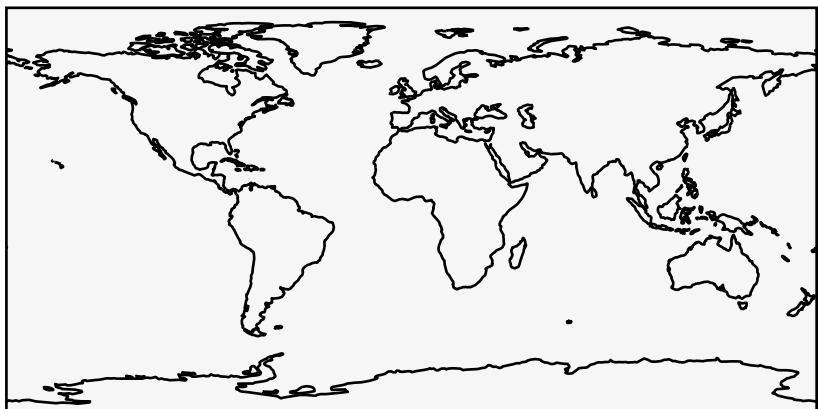
Zero throughout domain
kg/m²/s

GCHP_12.5.0_c24 (Dev)
c24



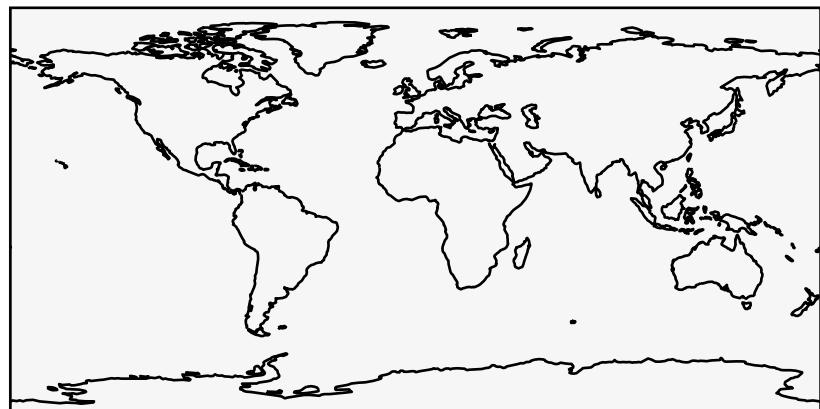
Zero throughout domain
kg/m²/s

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



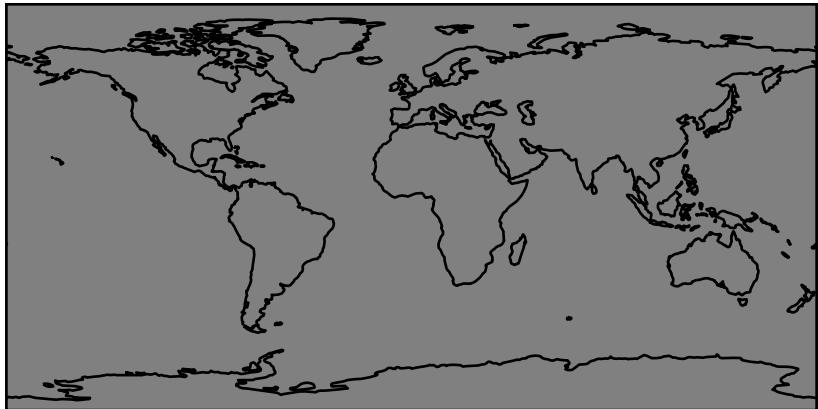
Zero throughout domain
kg/m²/s

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



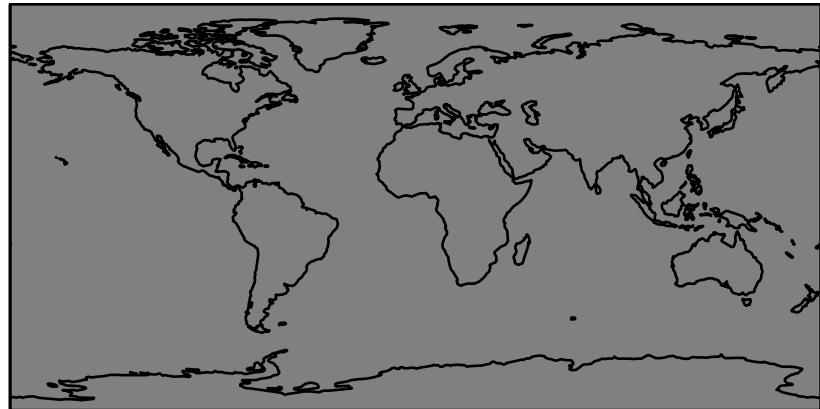
Zero throughout domain
kg/m²/s

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



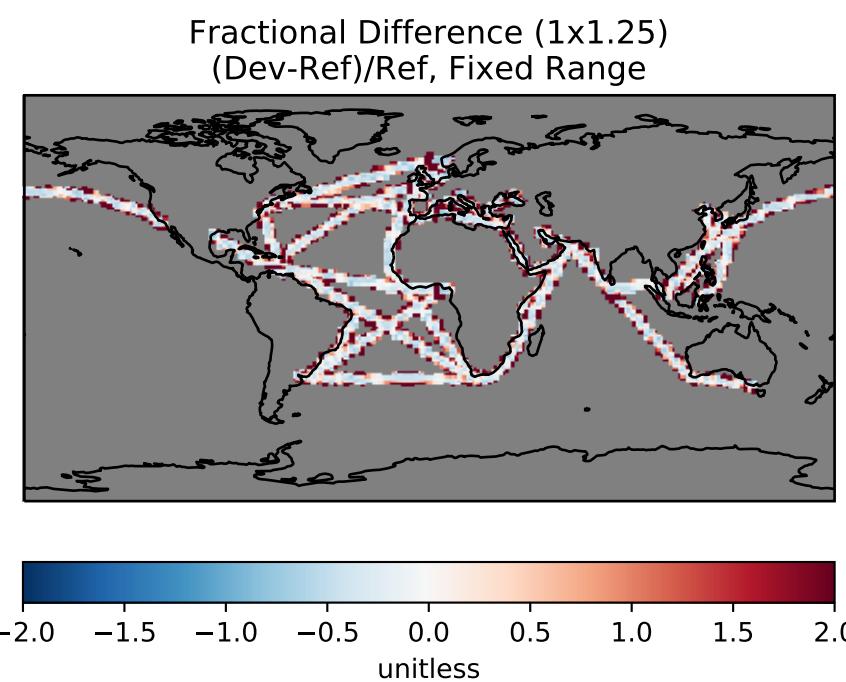
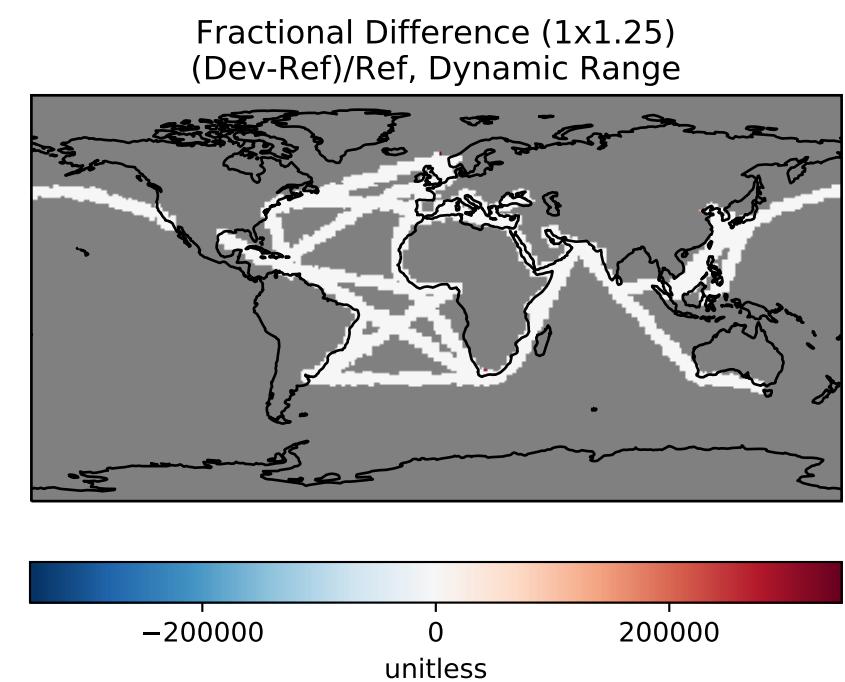
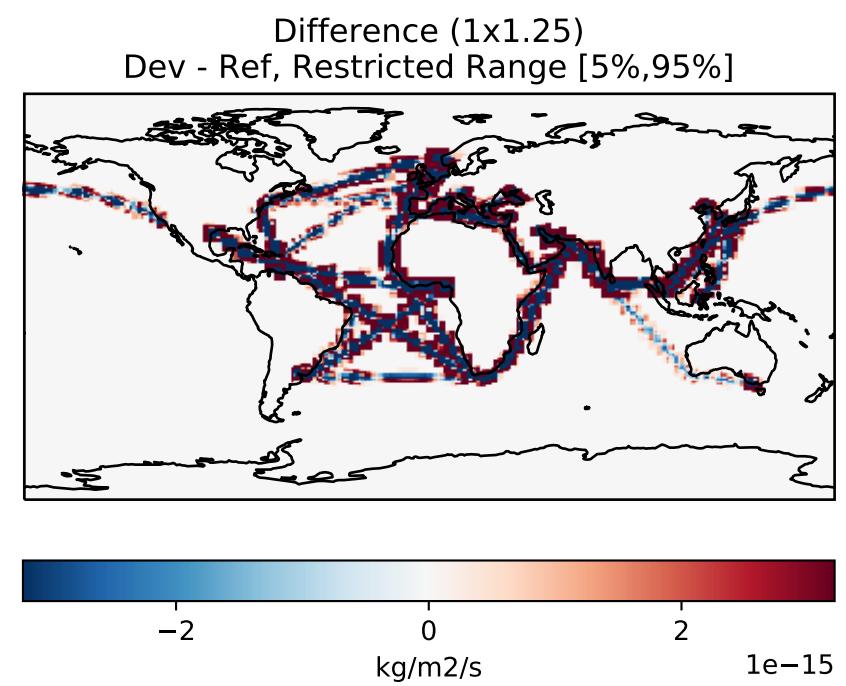
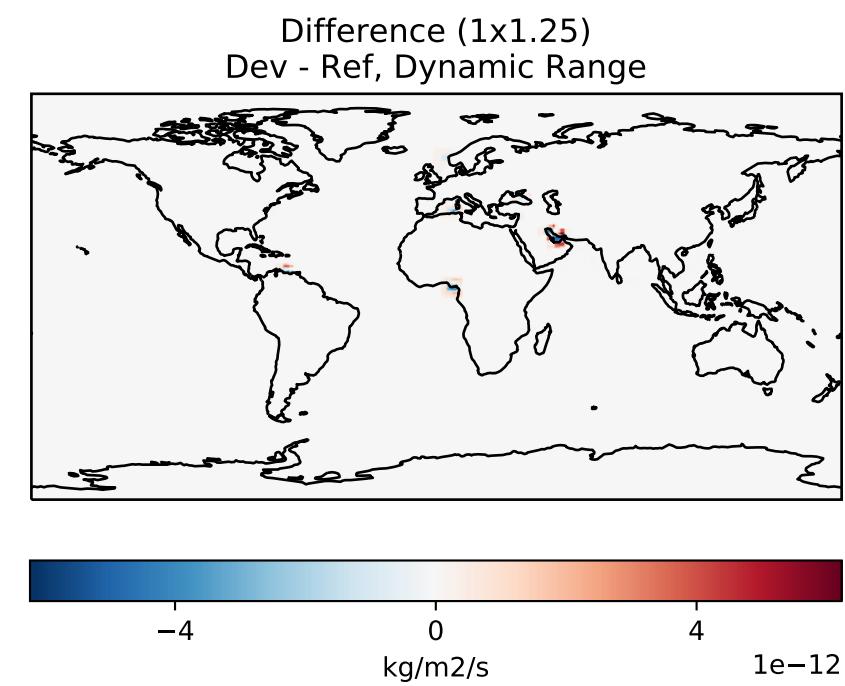
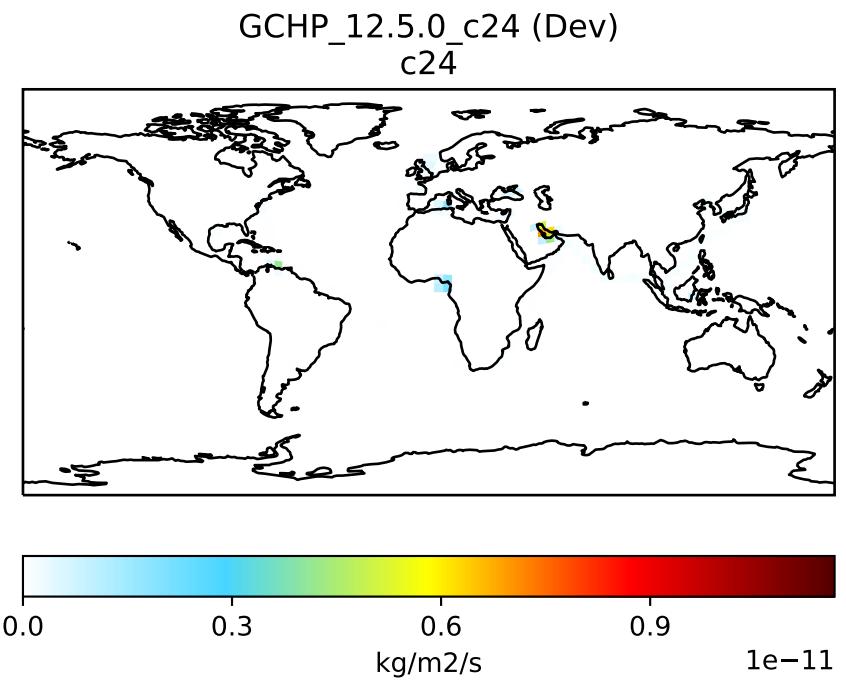
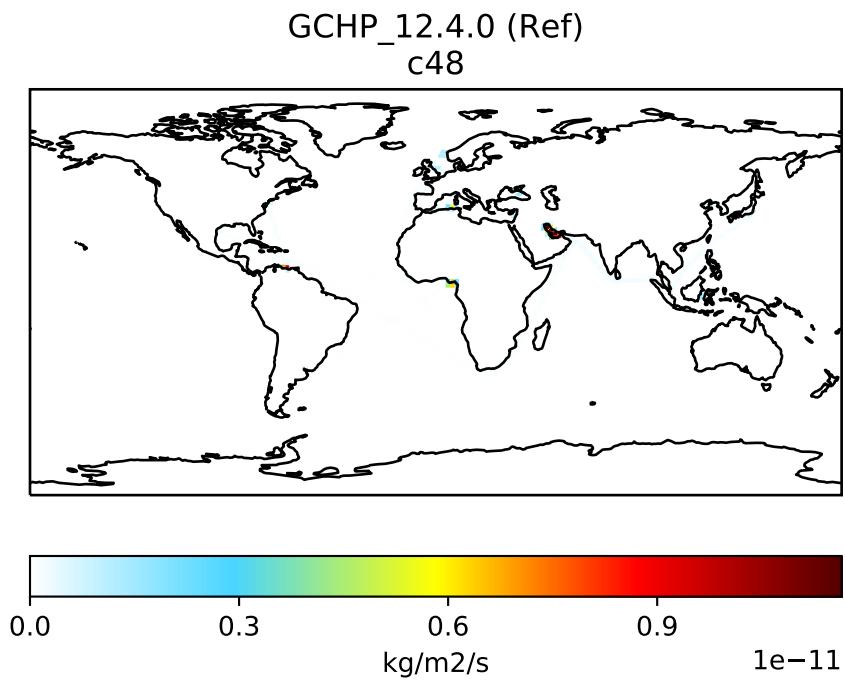
Undefined throughout domain
unitless

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

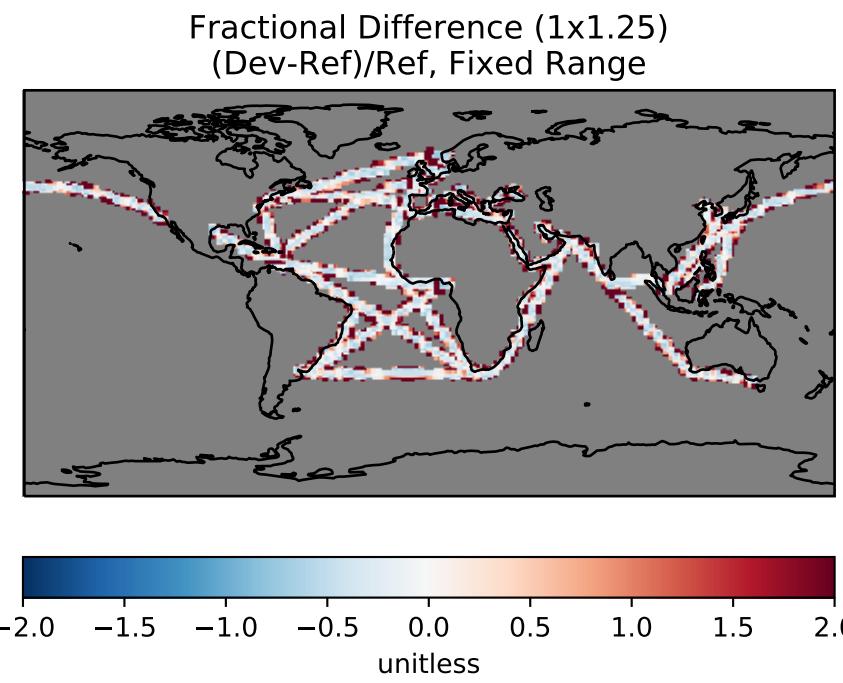
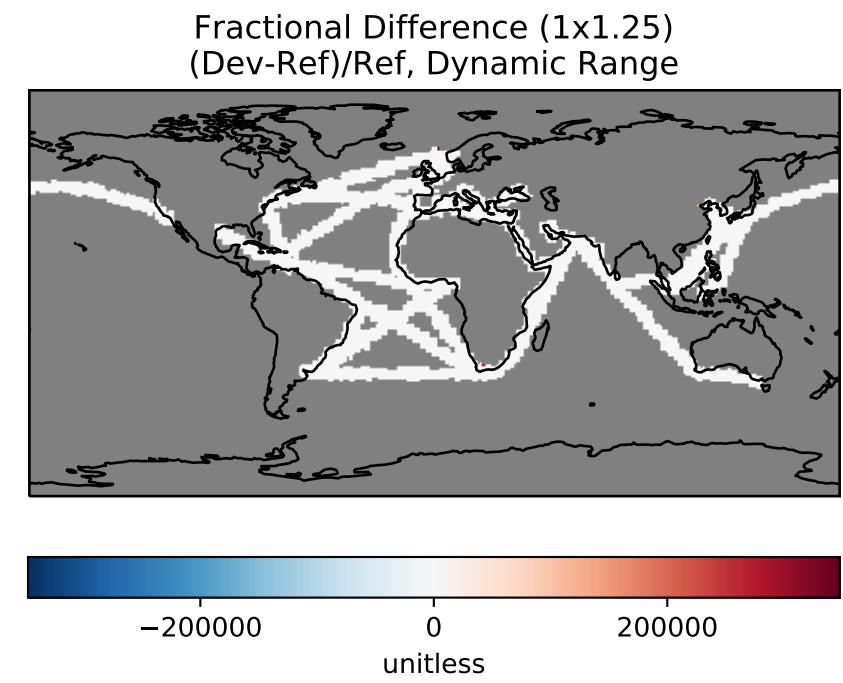
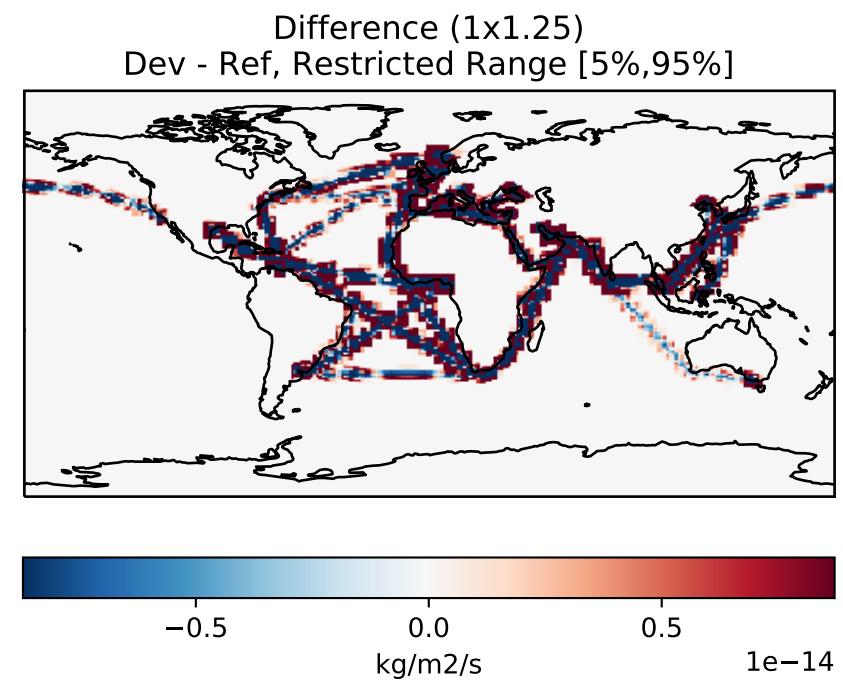
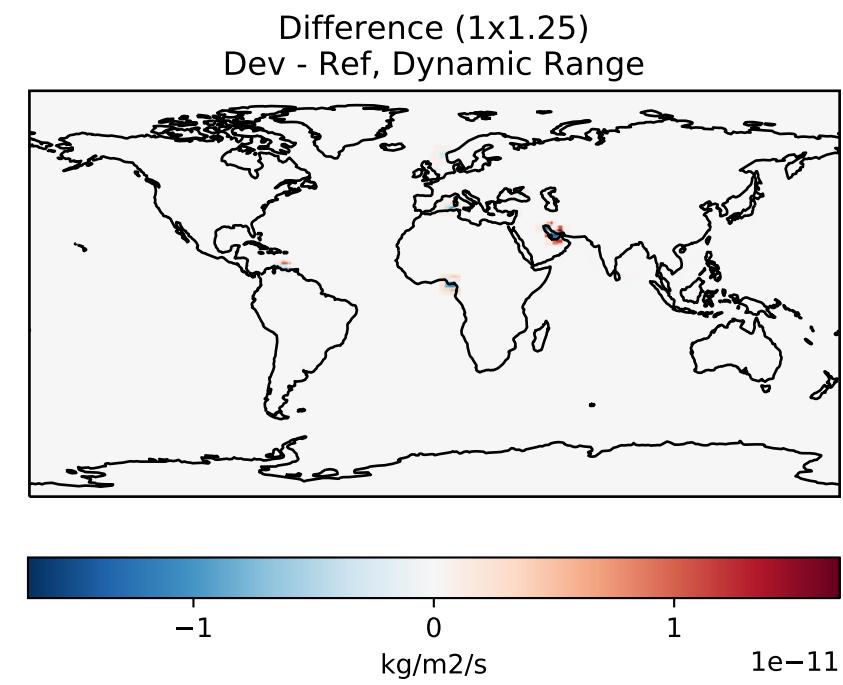
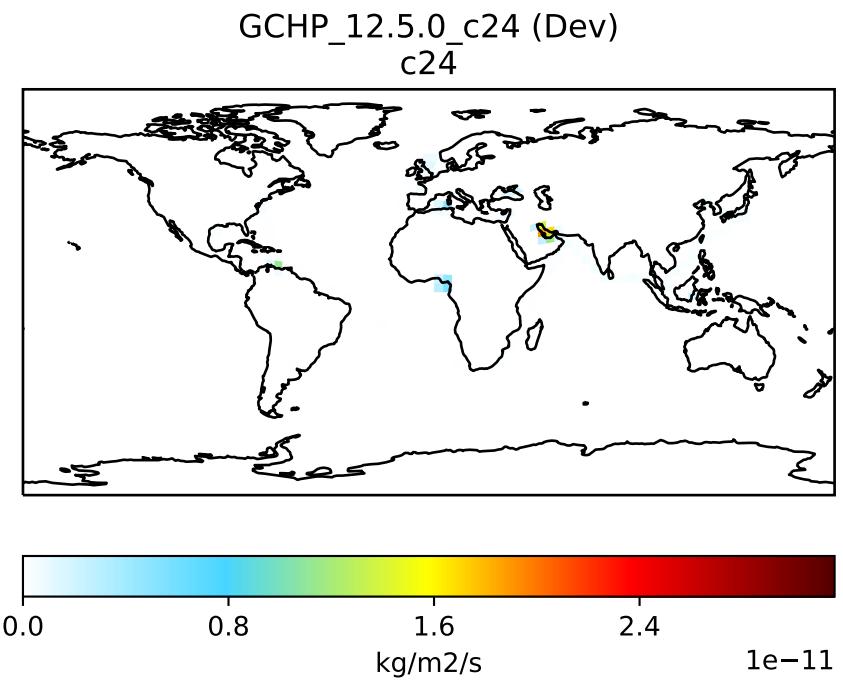
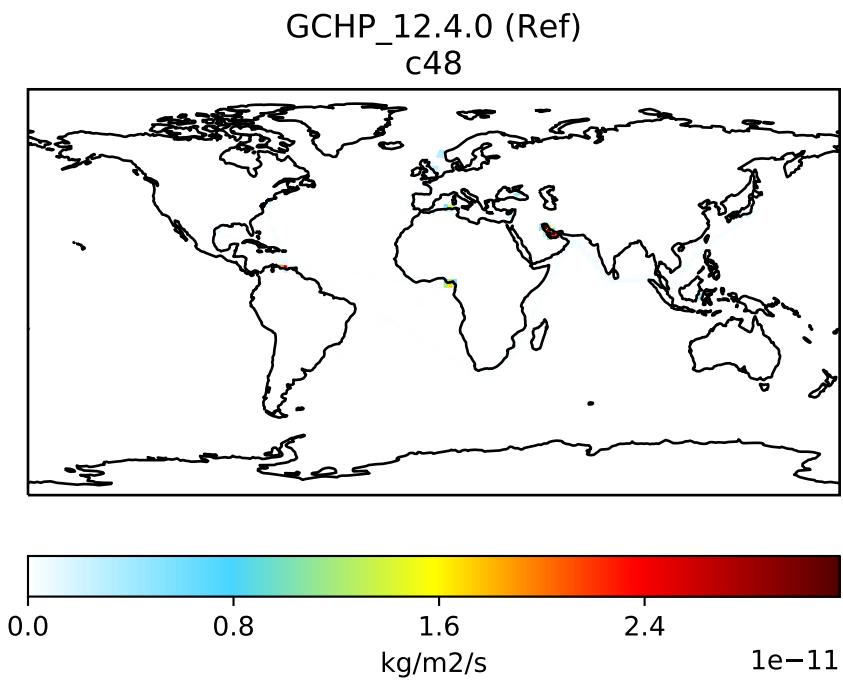


Undefined throughout domain
unitless

EmisC2H6_Ship

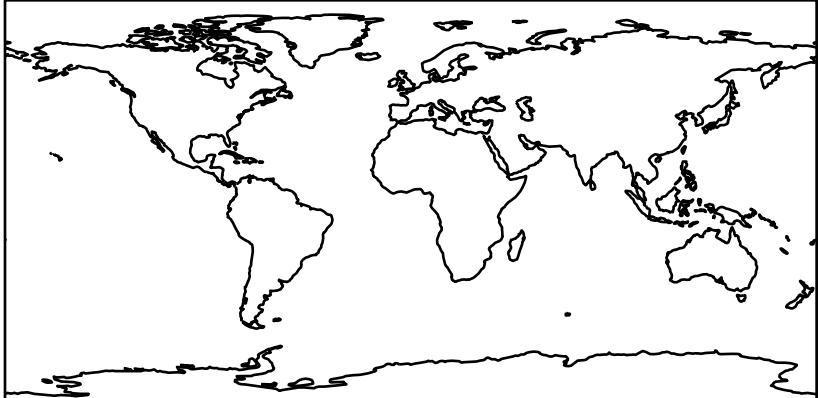


EmisC3H8_Ship



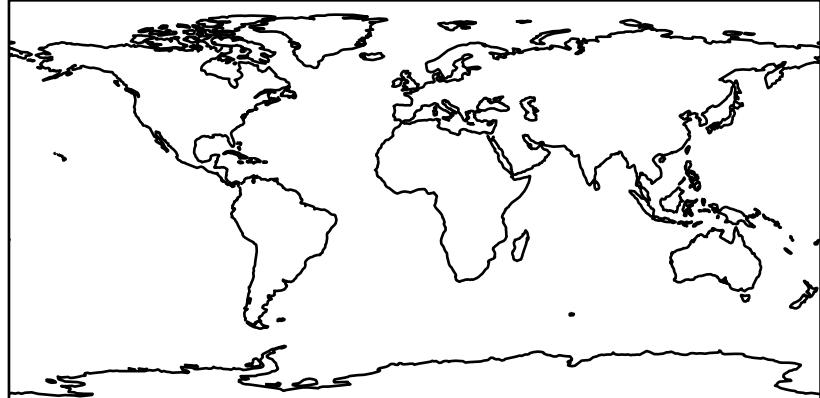
EmisCH2O_Ship

GCHP_12.4.0 (Ref)
c48



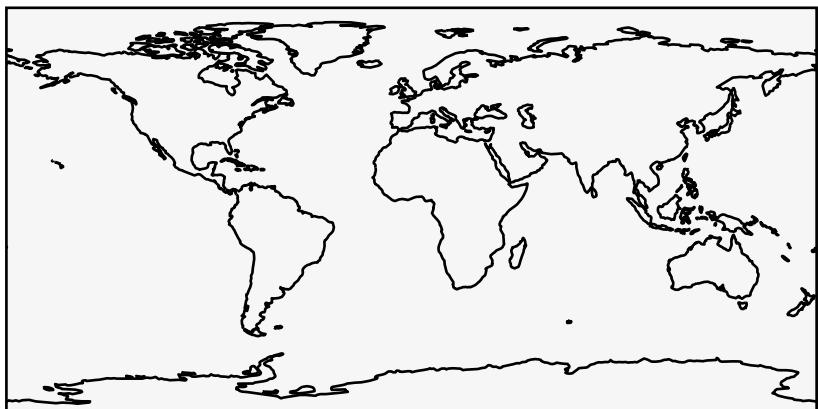
Zero throughout domain
kg/m²/s

GCHP_12.5.0_c24 (Dev)
c24



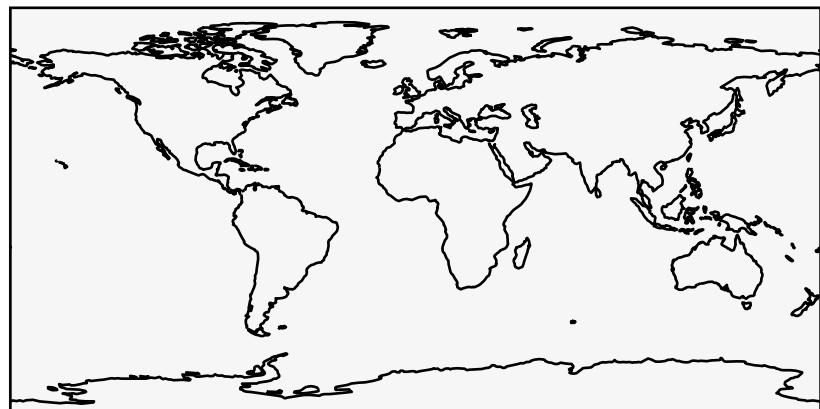
Zero throughout domain
kg/m²/s

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



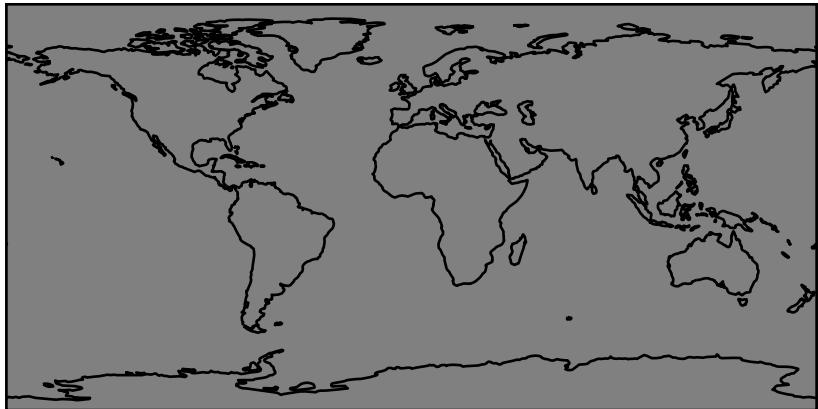
Zero throughout domain
kg/m²/s

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



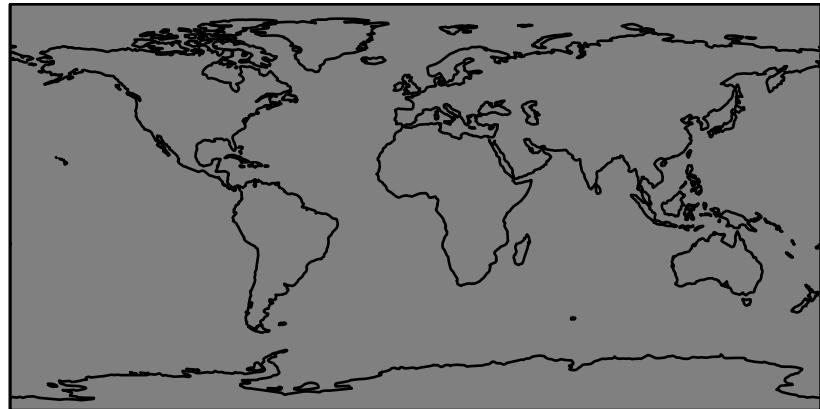
Zero throughout domain
kg/m²/s

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



Undefined throughout domain
unitless

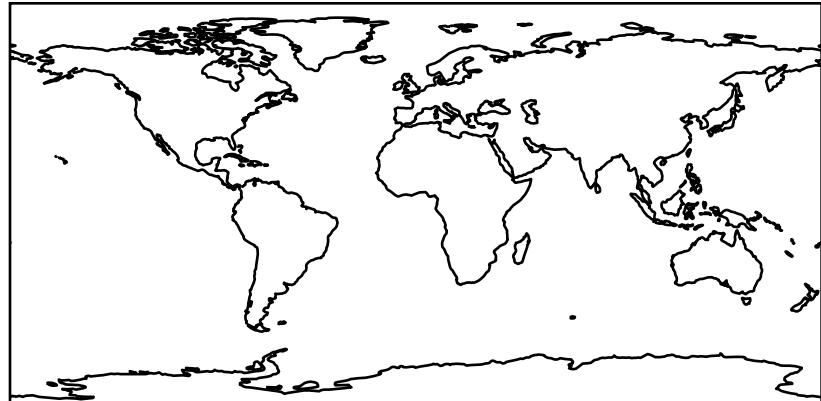
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



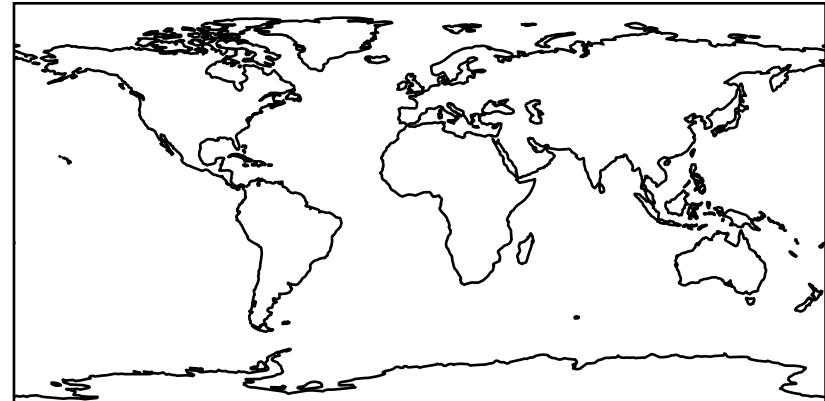
Undefined throughout domain
unitless

EmisCH4_Ship

GCHP_12.4.0 (Ref)
c48



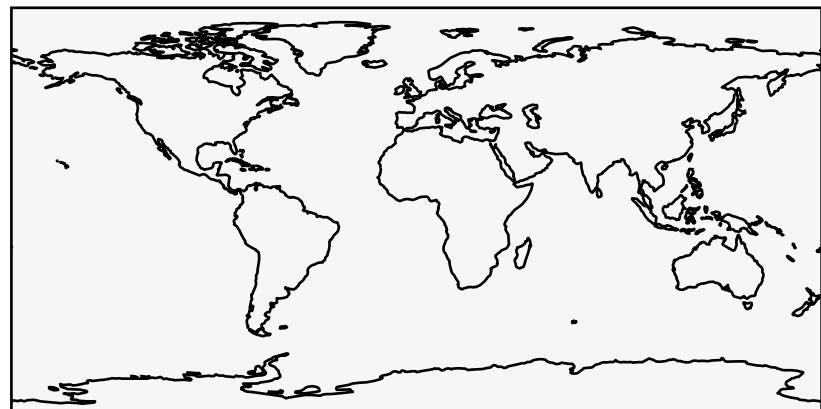
GCHP_12.5.0_c24 (Dev)
c24



Zero throughout domain
kg/m²/s

Zero throughout domain
kg/m²/s

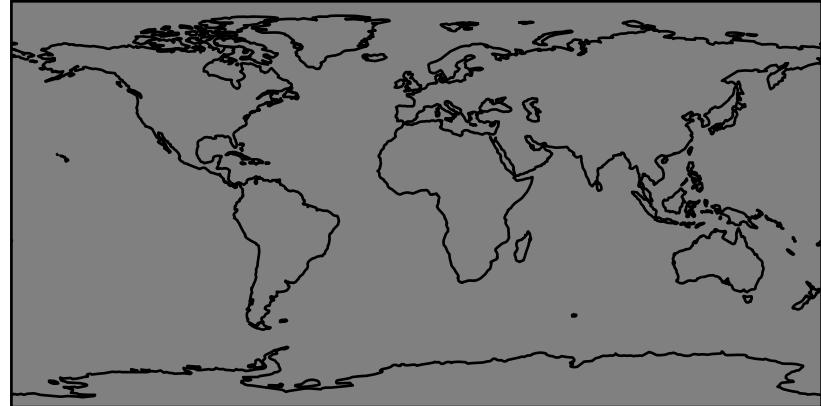
Difference (1x1.25)
Dev - Ref, Dynamic Range



Zero throughout domain
kg/m²/s

Zero throughout domain
kg/m²/s

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



Undefined throughout domain
unitless

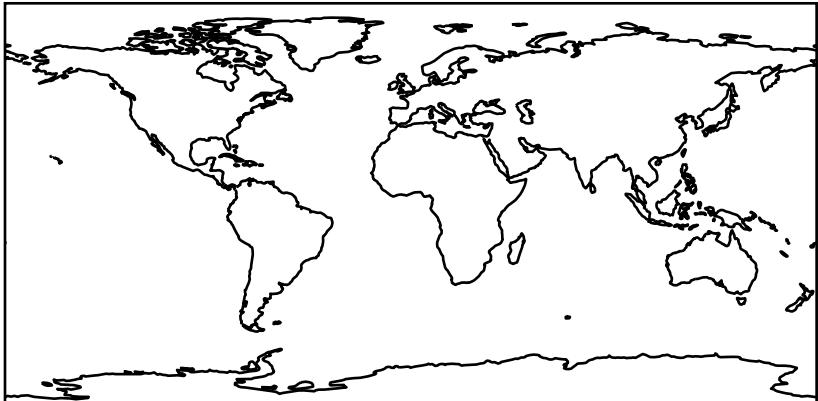
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



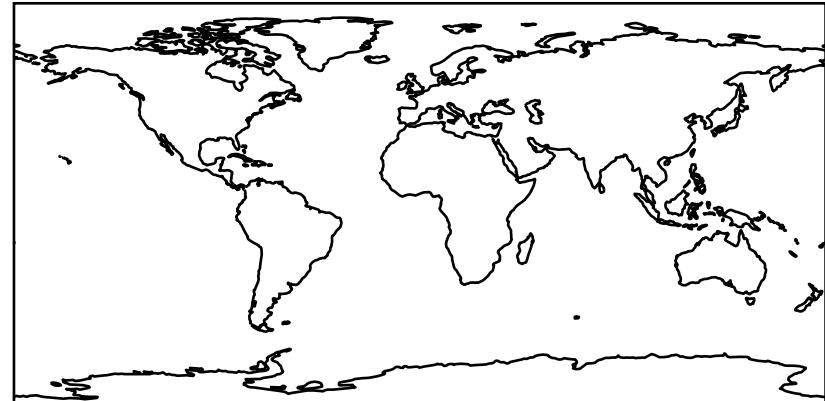
Undefined throughout domain
unitless

EmisCO2_Ship

GCHP_12.4.0 (Ref)
c48



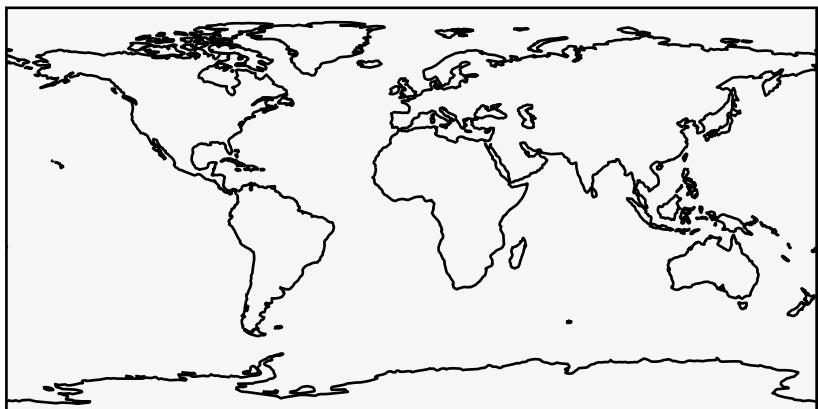
GCHP_12.5.0_c24 (Dev)
c24



Zero throughout domain
kg/m²/s

Zero throughout domain
kg/m²/s

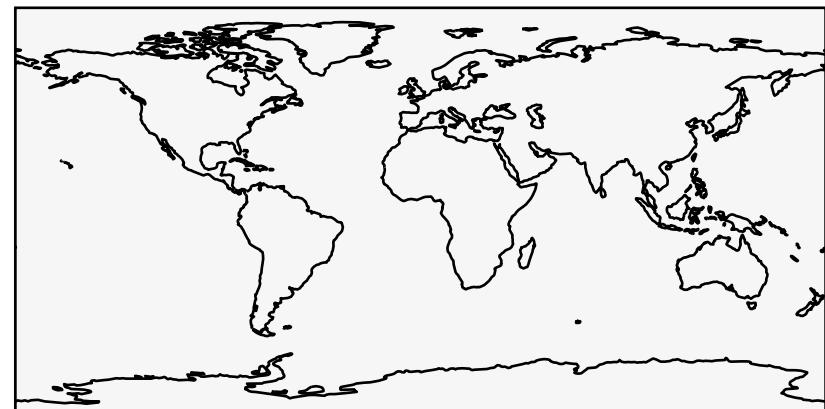
Difference (1x1.25)
Dev - Ref, Dynamic Range



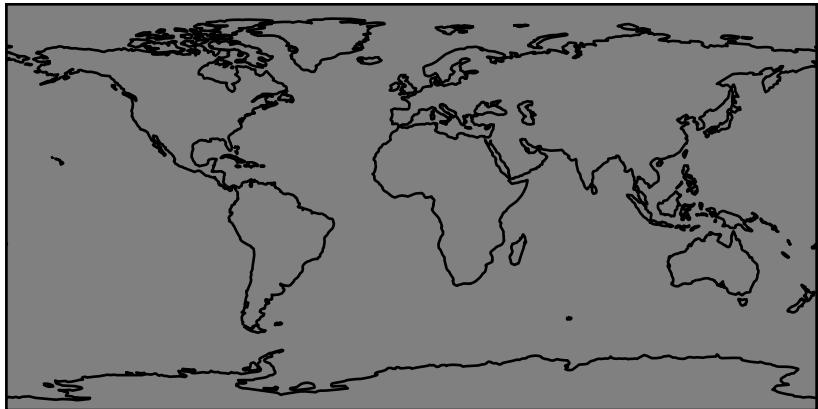
Zero throughout domain
kg/m²/s

Zero throughout domain
kg/m²/s

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

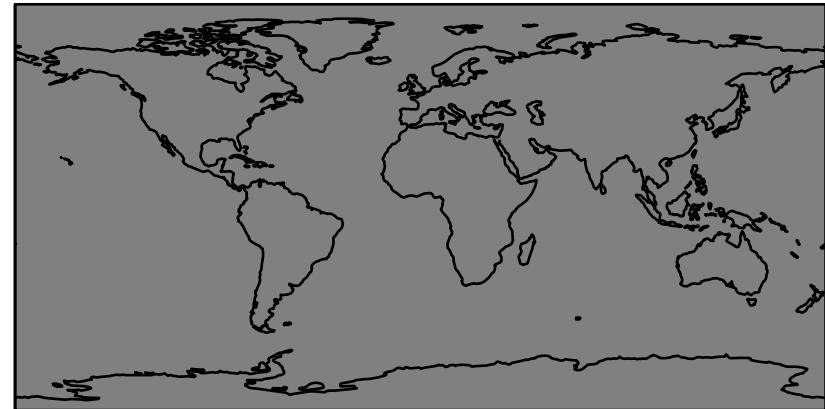


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



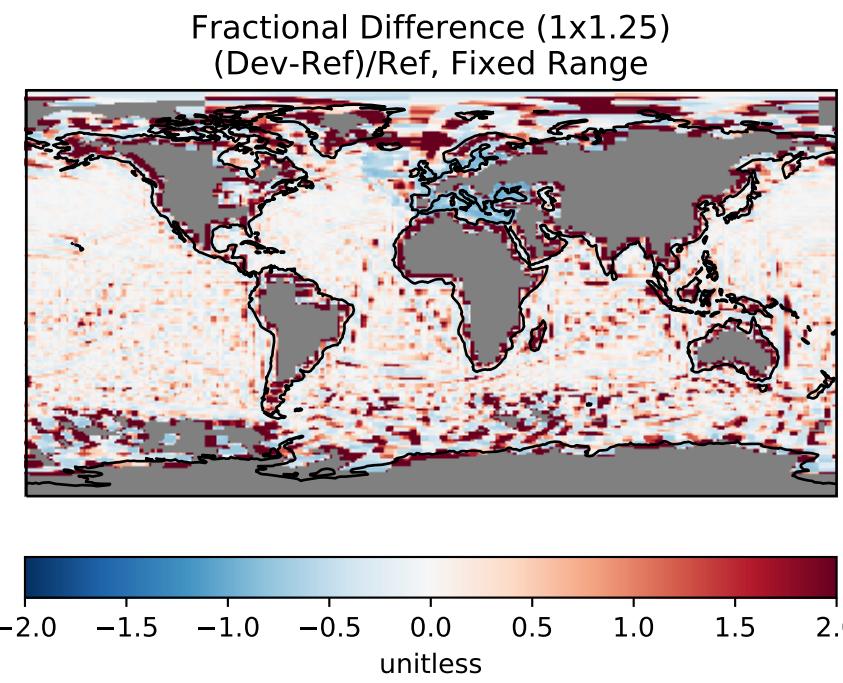
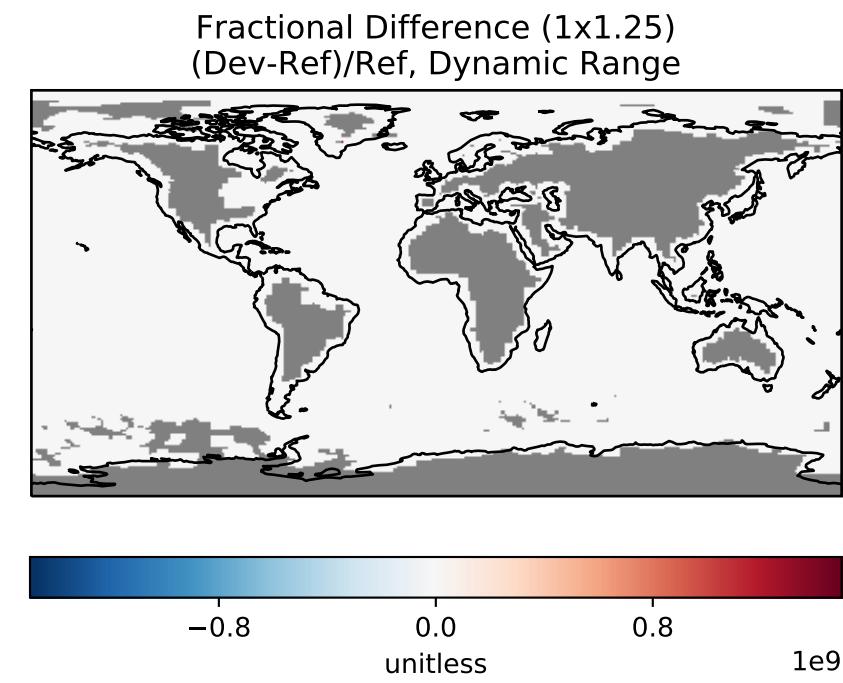
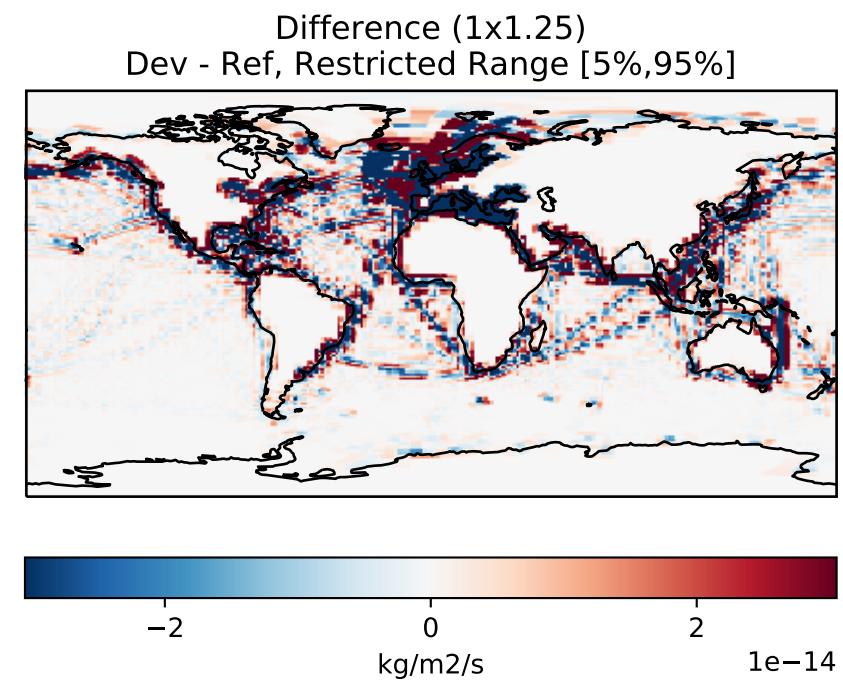
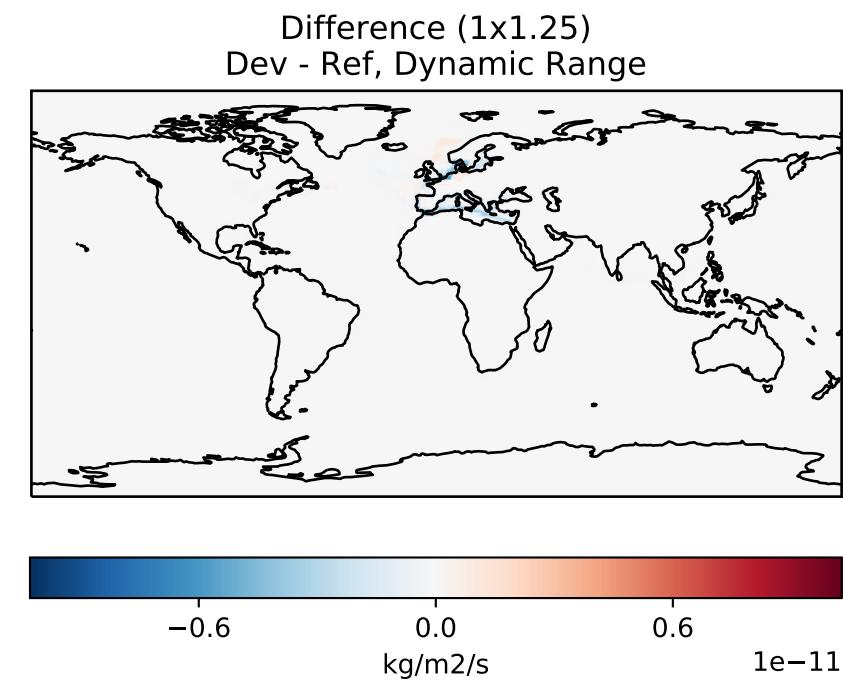
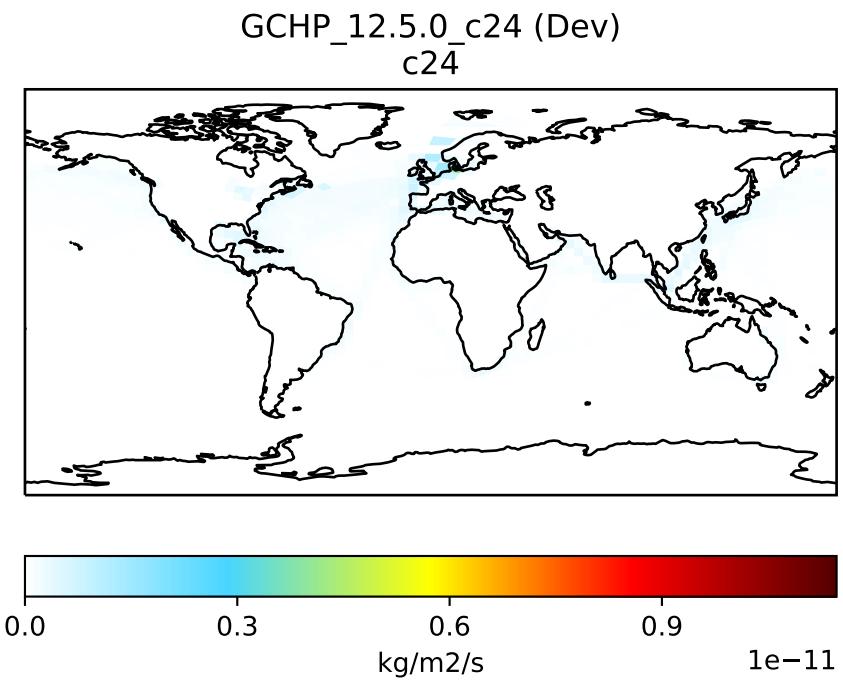
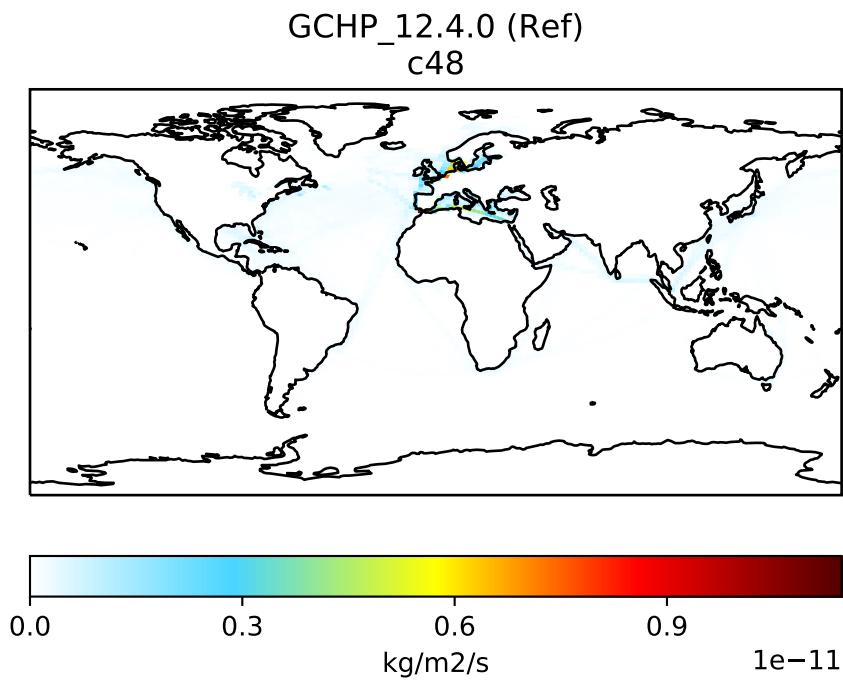
Undefined throughout domain
unitless

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



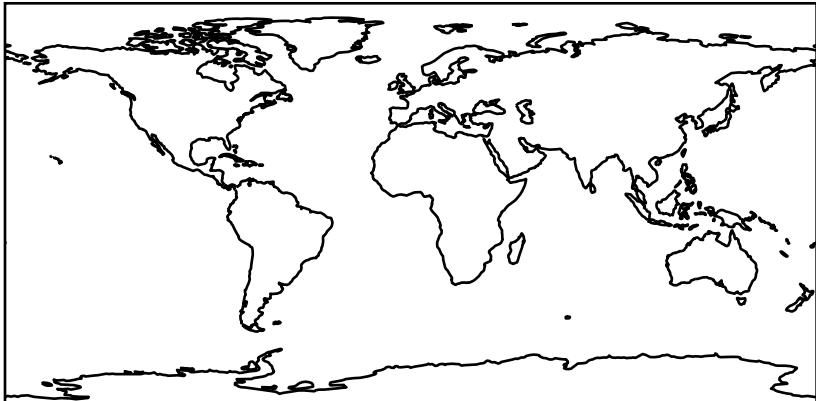
Undefined throughout domain
unitless

EmisCO_Ship



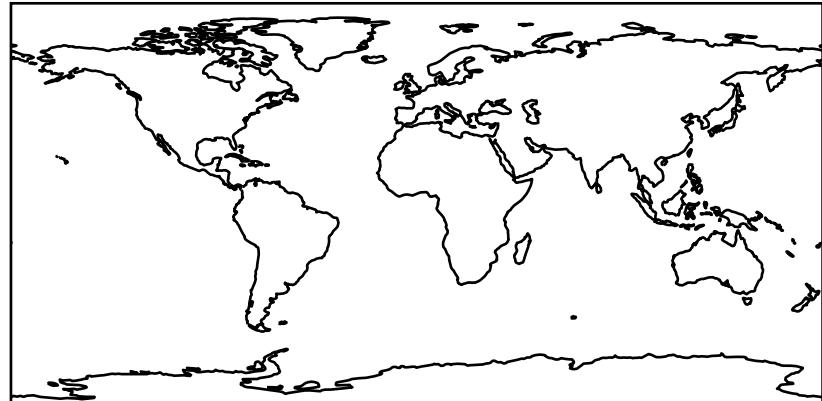
EmisEOH_Ship

GCHP_12.4.0 (Ref)
c48



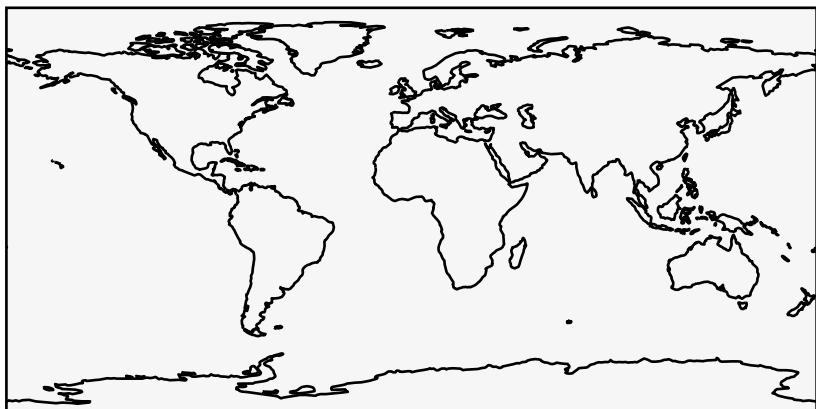
Zero throughout domain
kg/m²/s

GCHP_12.5.0_c24 (Dev)
c24



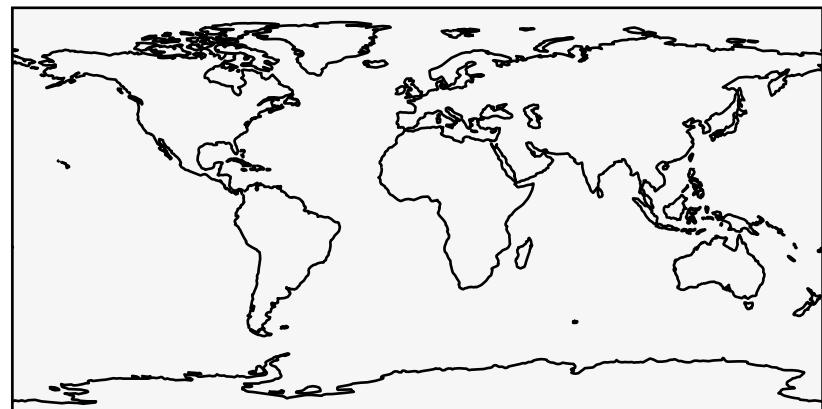
Zero throughout domain
kg/m²/s

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



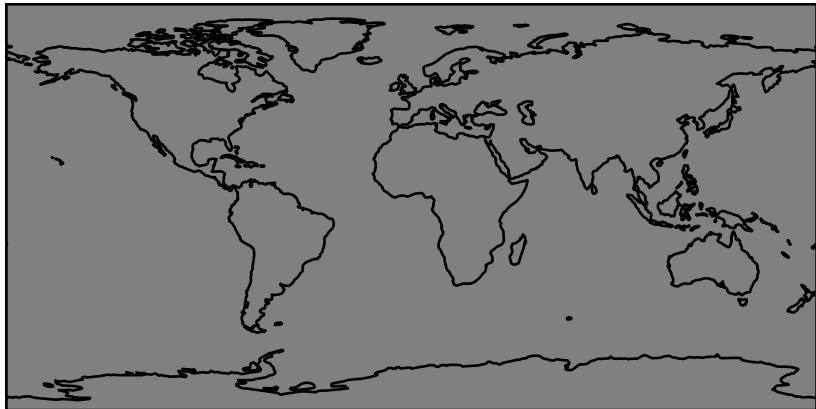
Zero throughout domain
kg/m²/s

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



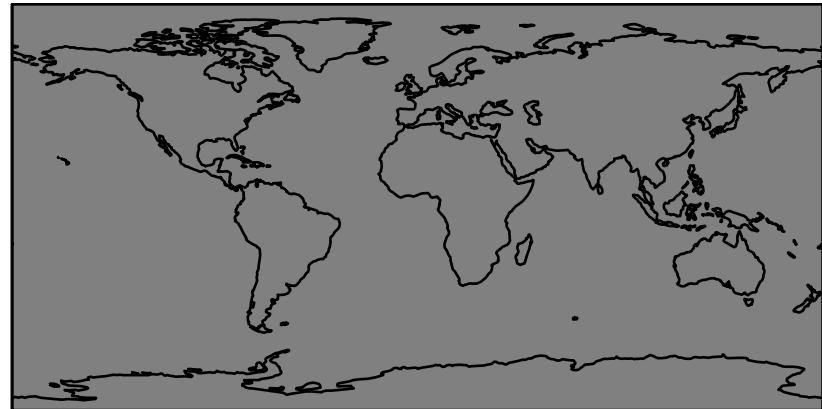
Zero throughout domain
kg/m²/s

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



Undefined throughout domain
unitless

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



Undefined throughout domain
unitless

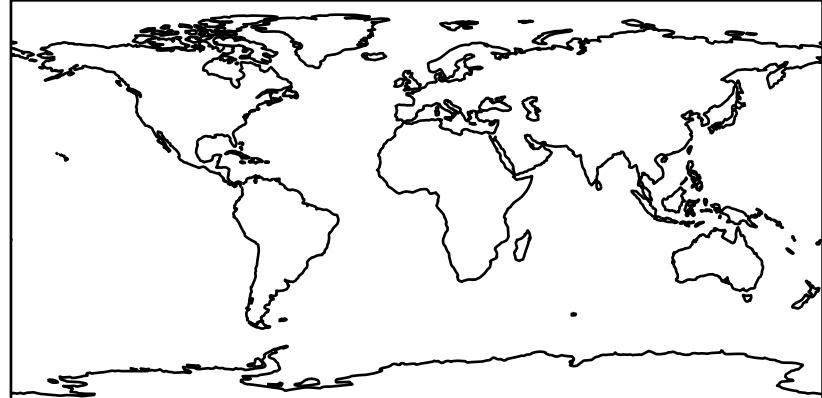
EmisHCOOH_Ship

GCHP_12.4.0 (Ref)
c48



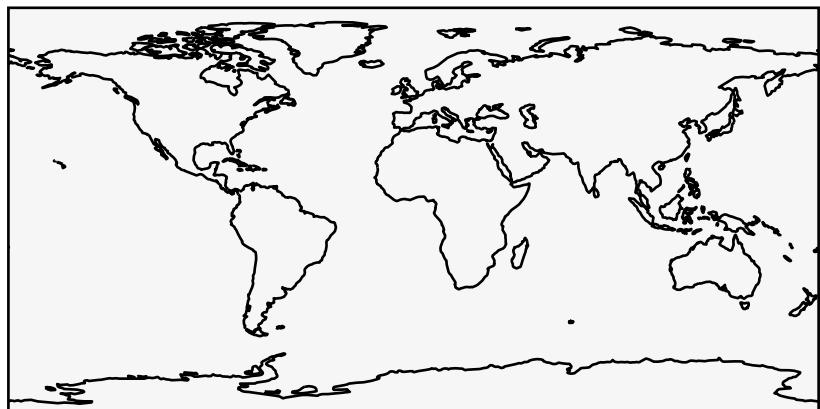
Zero throughout domain
kg/m²/s

GCHP_12.5.0_c24 (Dev)
c24



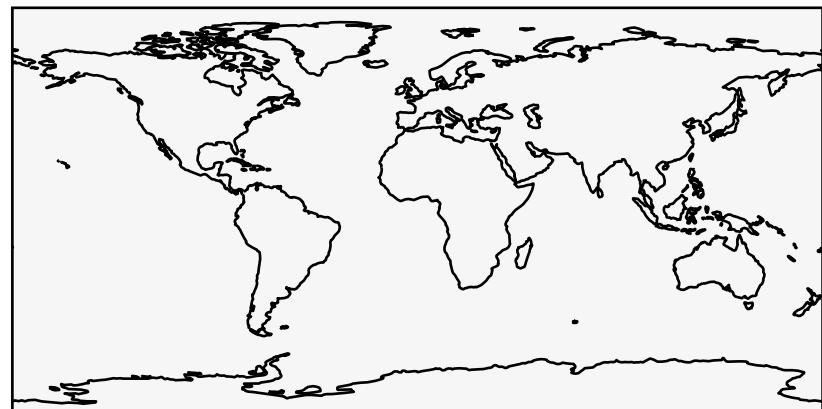
Zero throughout domain
kg/m²/s

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



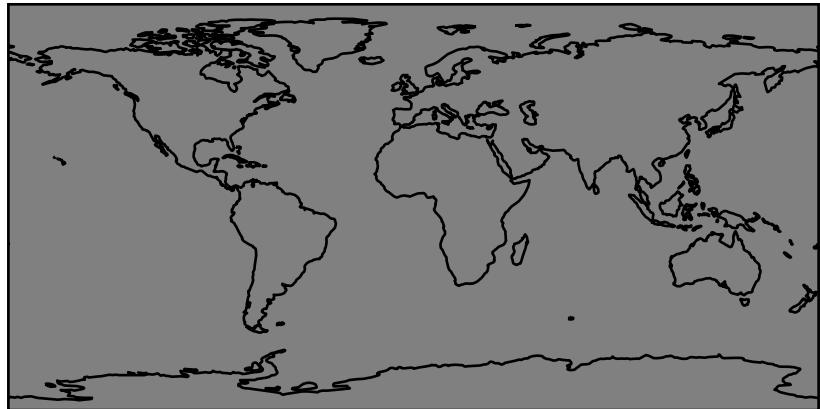
Zero throughout domain
kg/m²/s

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



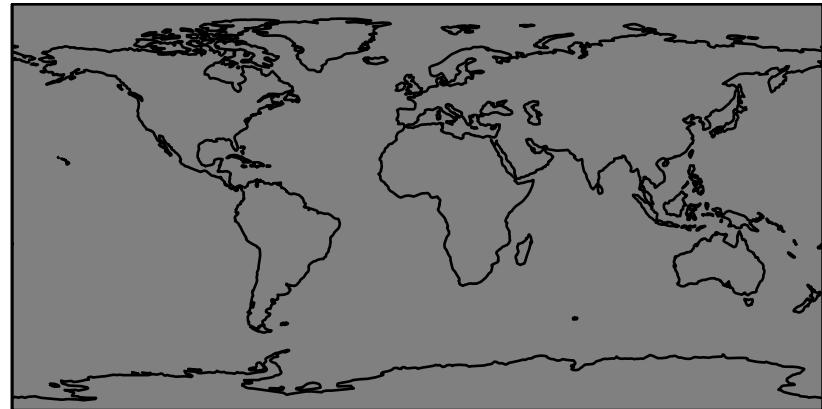
Zero throughout domain
kg/m²/s

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



Undefined throughout domain
unitless

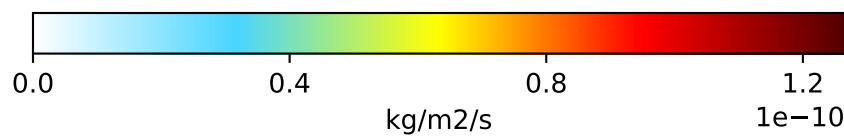
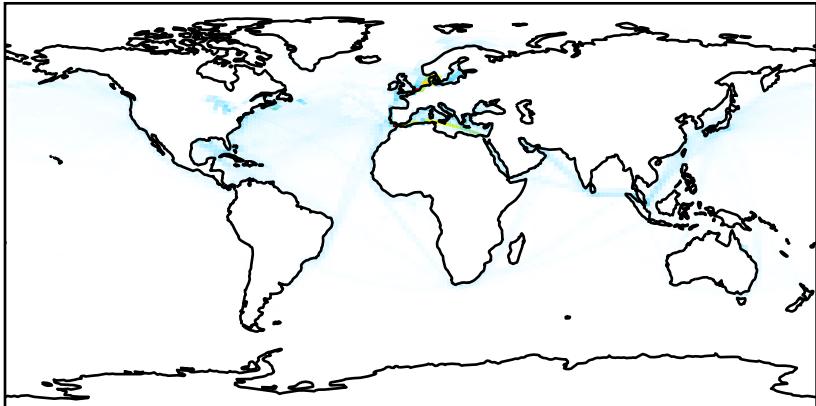
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



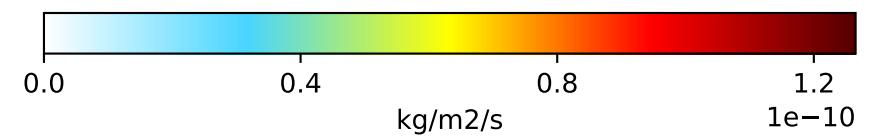
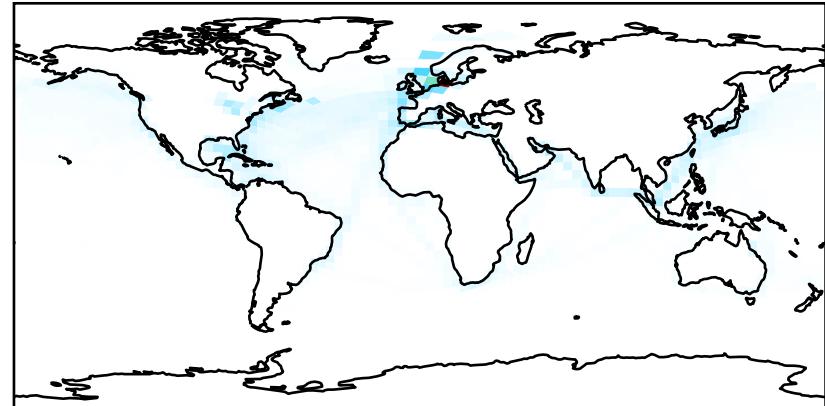
Undefined throughout domain
unitless

EmisHNO3_Ship

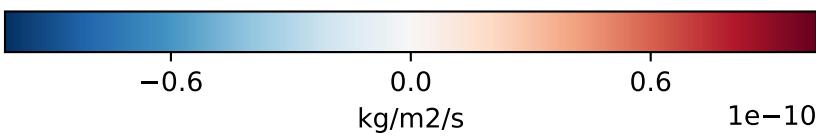
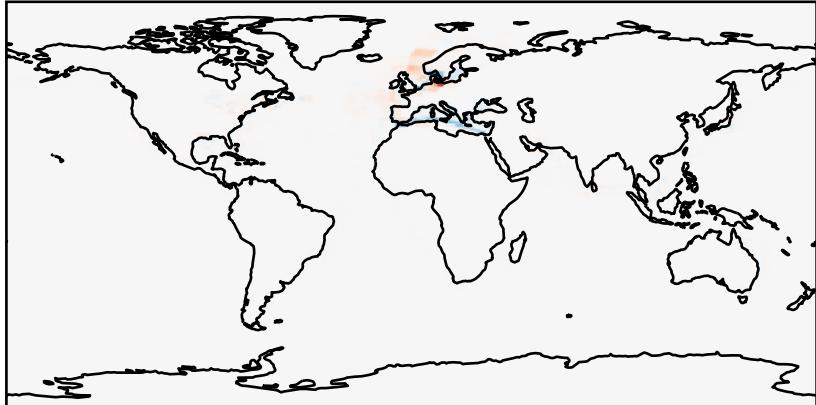
GCHP_12.4.0 (Ref)
c48



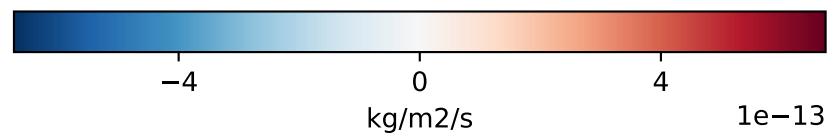
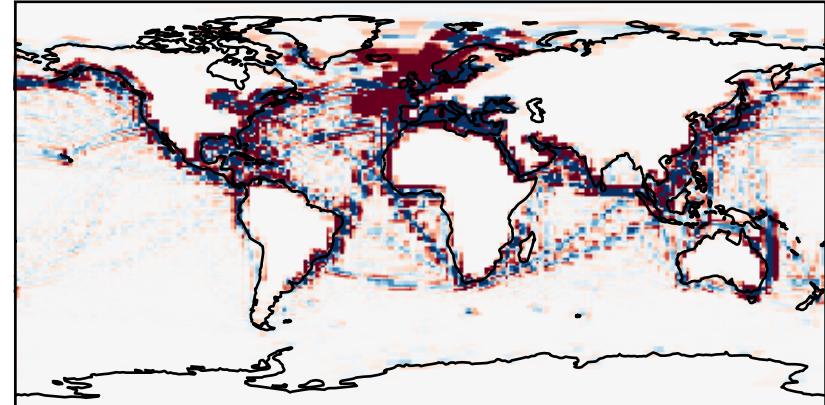
GCHP_12.5.0_c24 (Dev)
c24



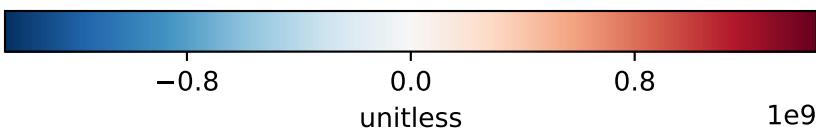
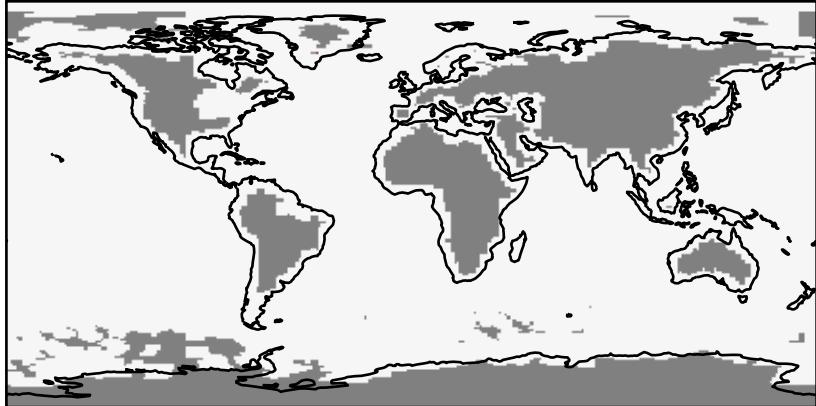
Difference (1x1.25)
Dev - Ref, Dynamic Range



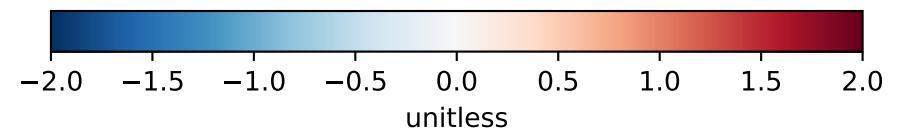
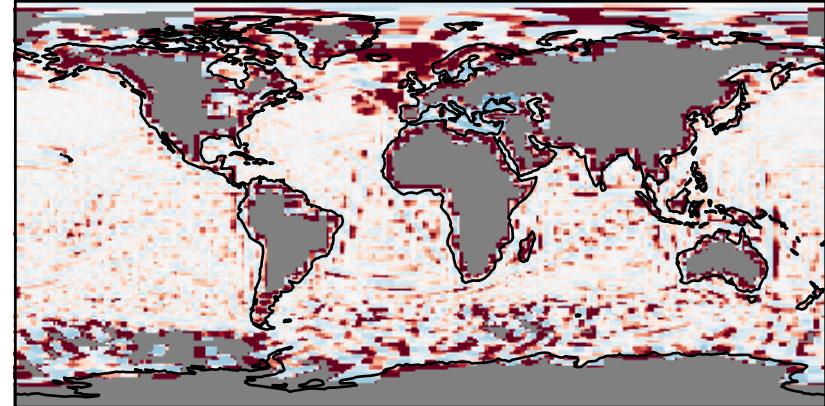
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

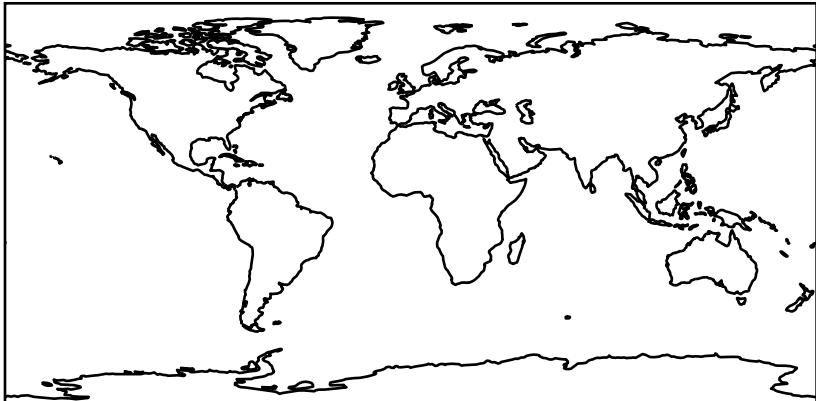


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

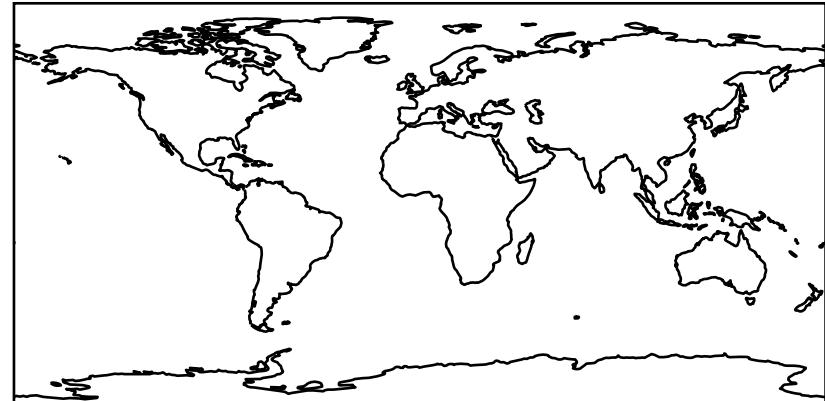


EmisMEK_Ship

GCHP_12.4.0 (Ref)
c48



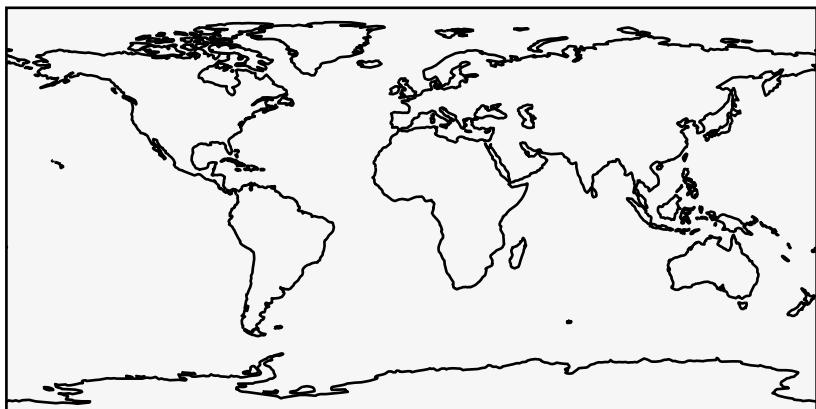
GCHP_12.5.0_c24 (Dev)
c24



Zero throughout domain
kg/m²/s

Zero throughout domain
kg/m²/s

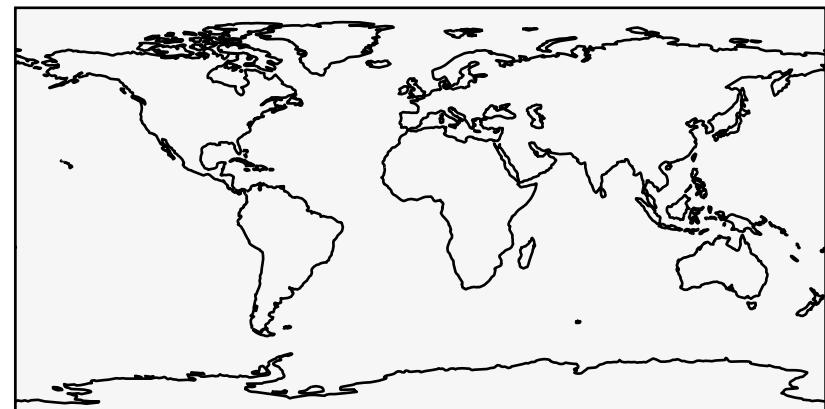
Difference (1x1.25)
Dev - Ref, Dynamic Range



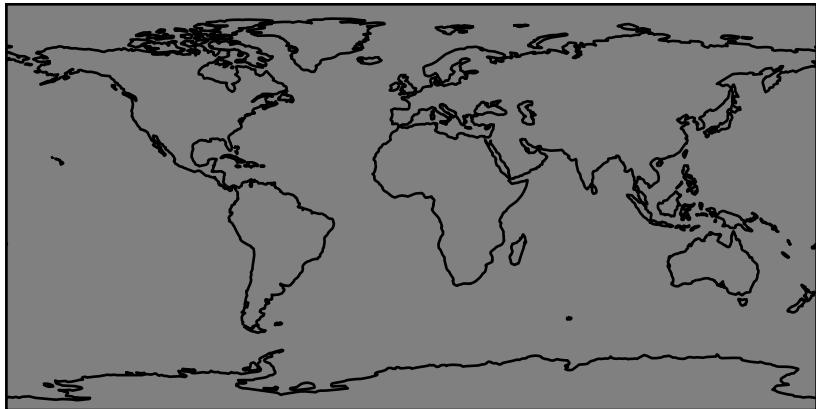
Zero throughout domain
kg/m²/s

Zero throughout domain
kg/m²/s

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

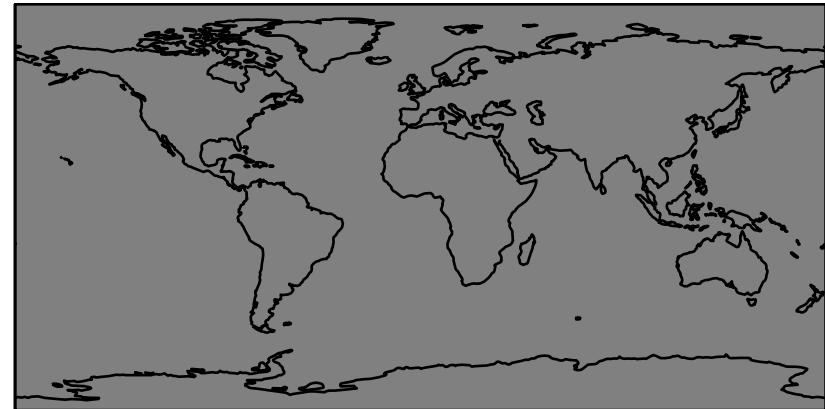


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Undefined throughout domain
unitless

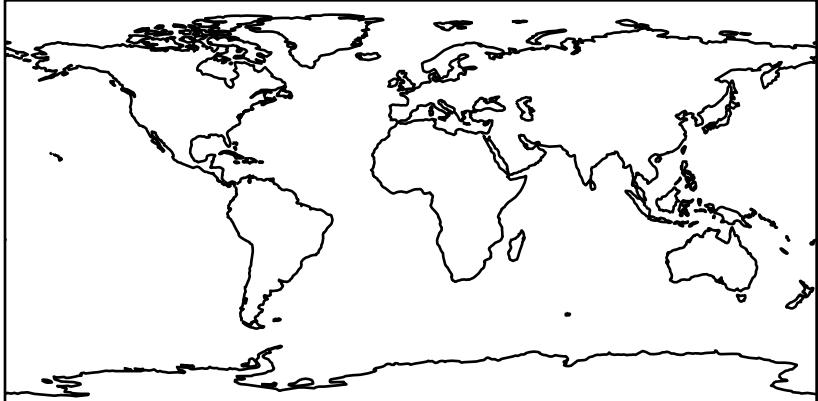
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



Undefined throughout domain
unitless

EmisMOH_Ship

GCHP_12.4.0 (Ref)
c48



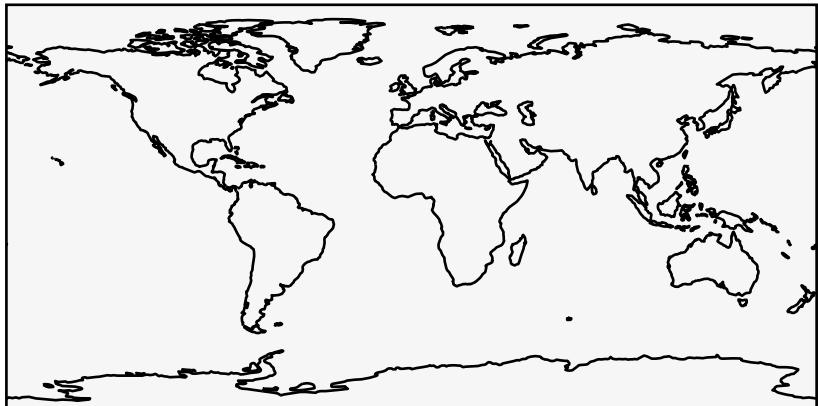
Zero throughout domain
kg/m²/s

GCHP_12.5.0_c24 (Dev)
c24



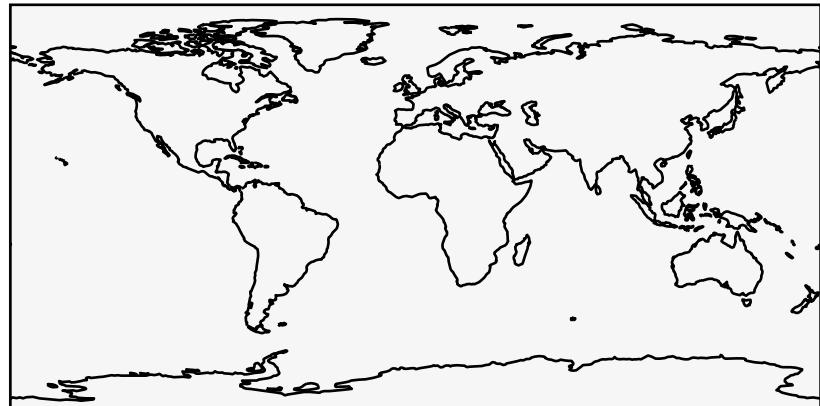
Zero throughout domain
kg/m²/s

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



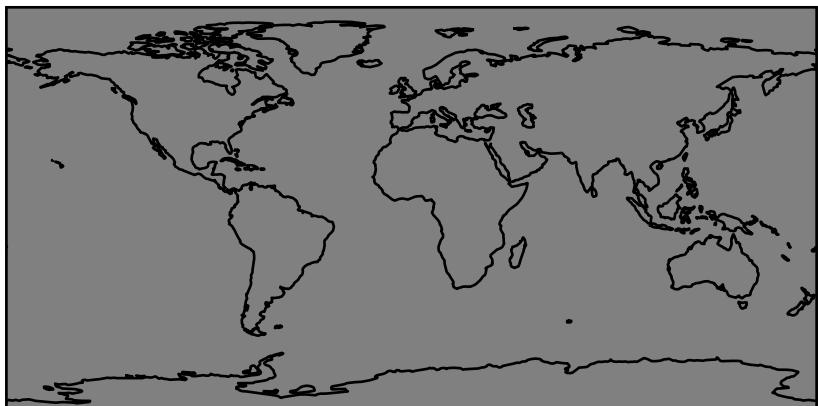
Zero throughout domain
kg/m²/s

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



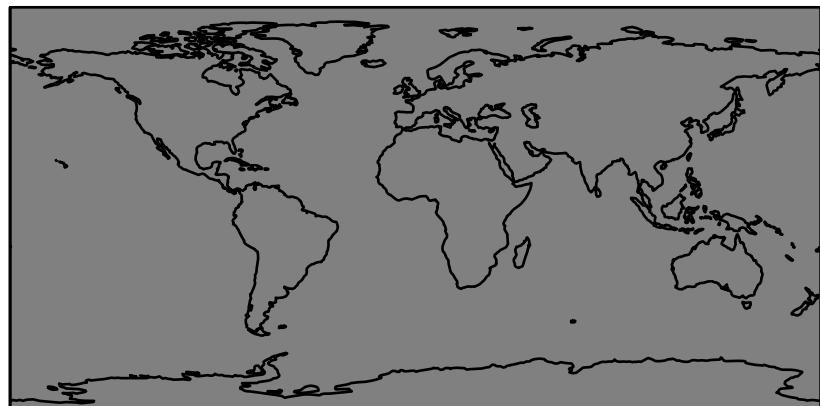
Zero throughout domain
kg/m²/s

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



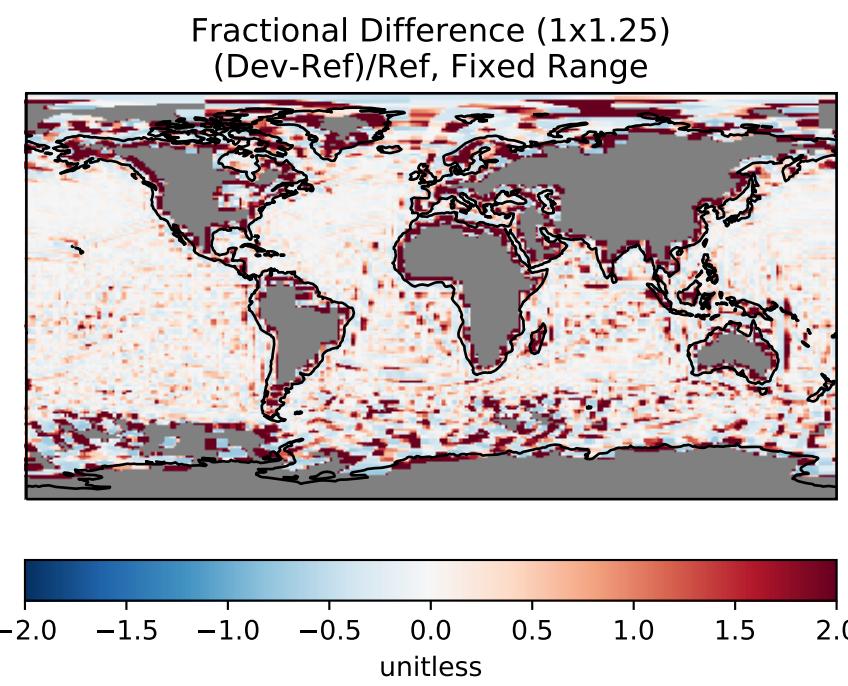
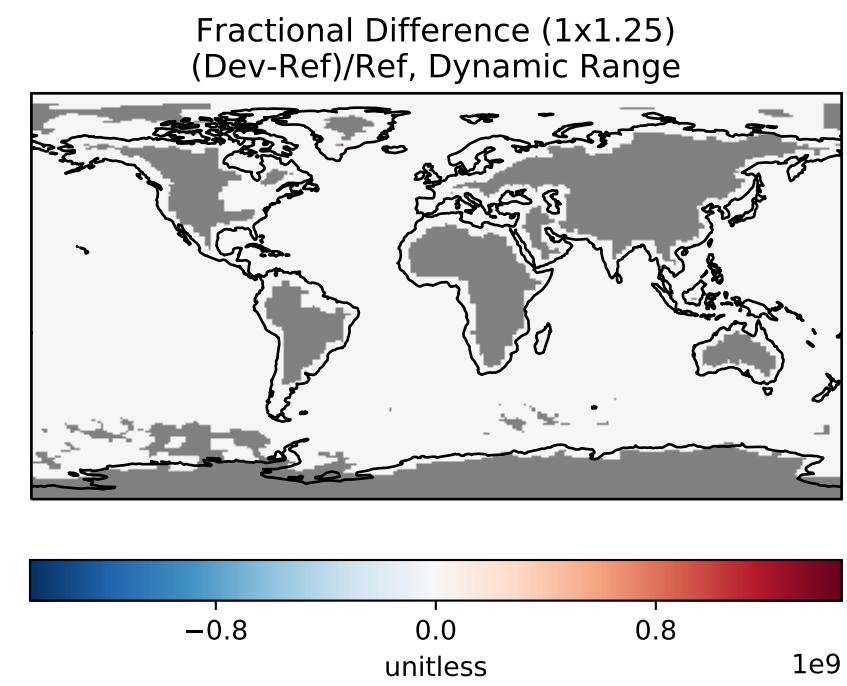
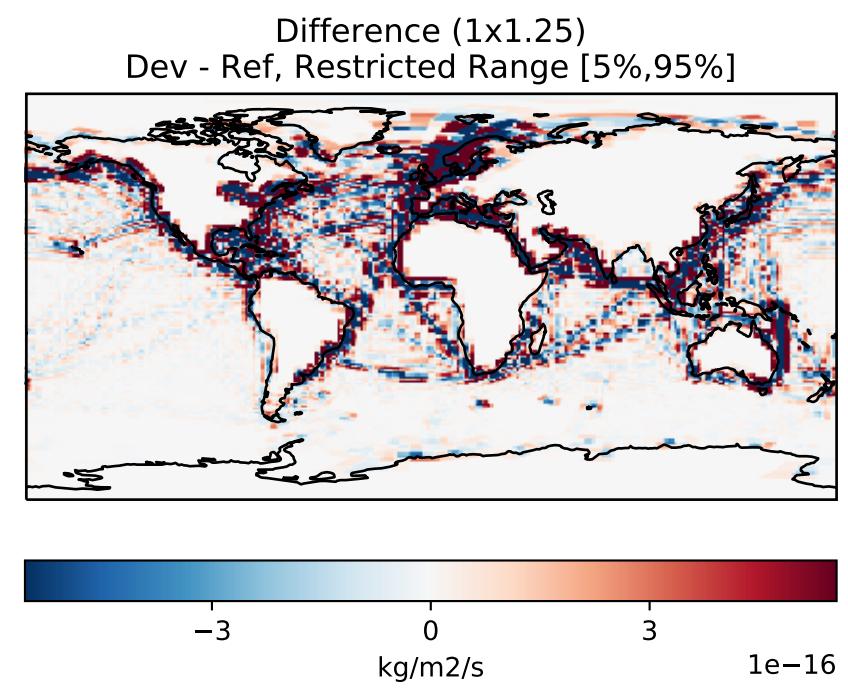
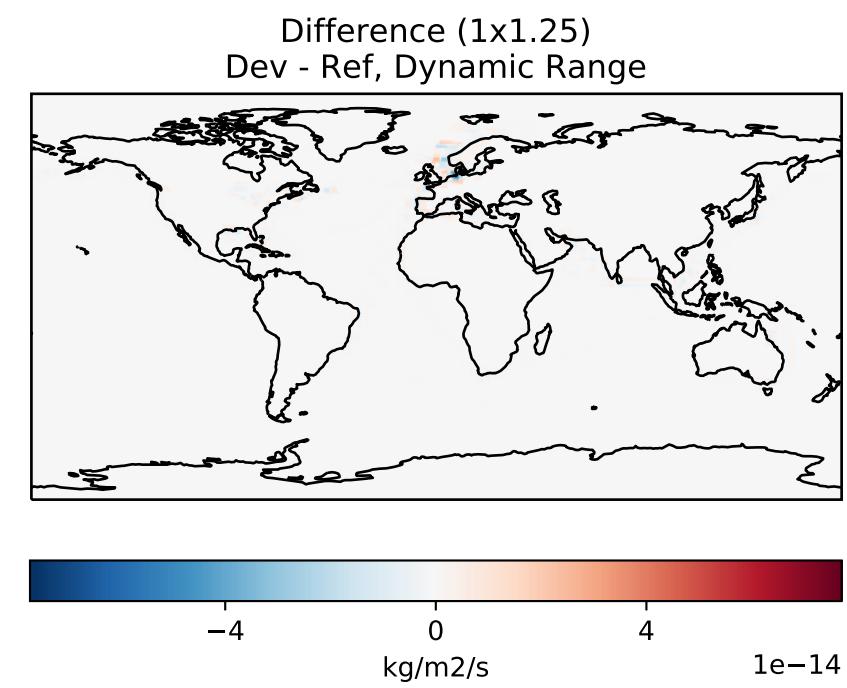
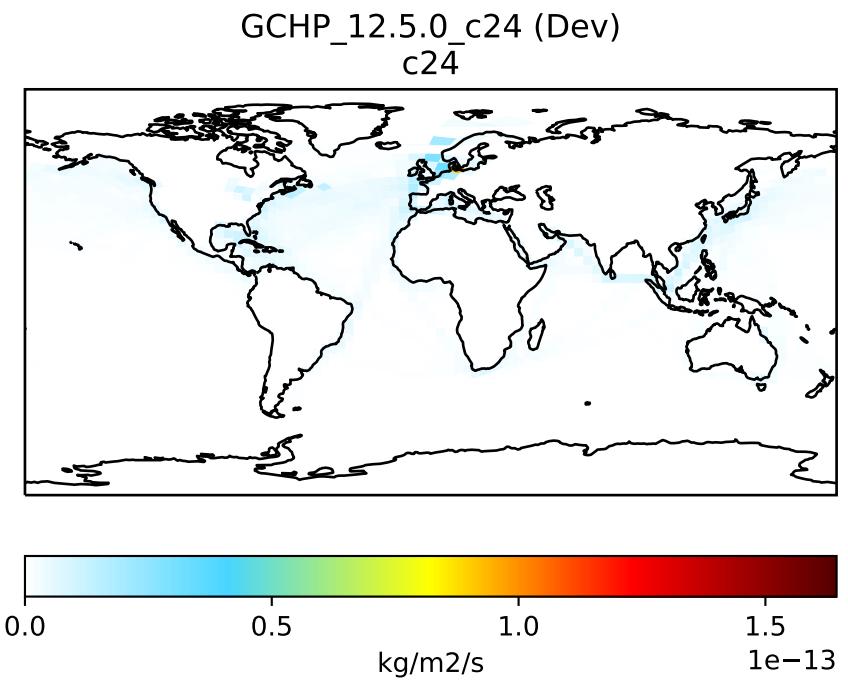
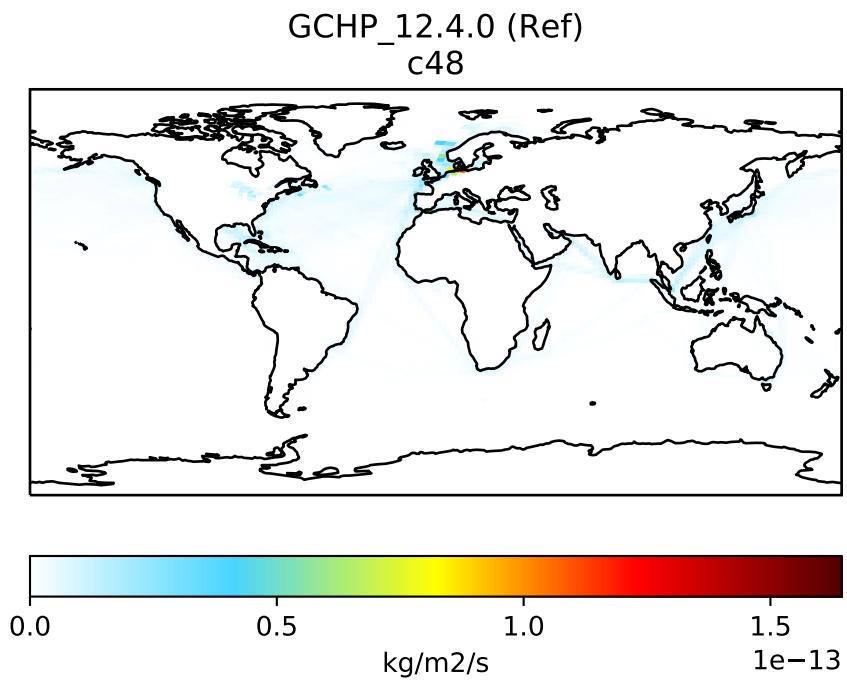
Undefined throughout domain
unitless

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



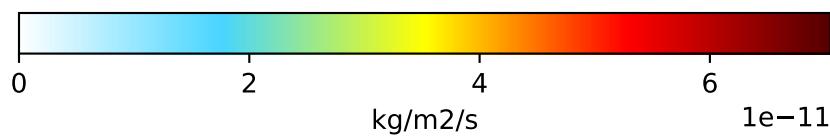
Undefined throughout domain
unitless

EmisNH3_Ship

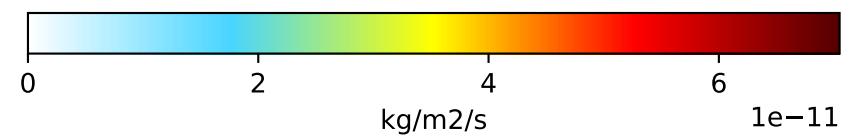
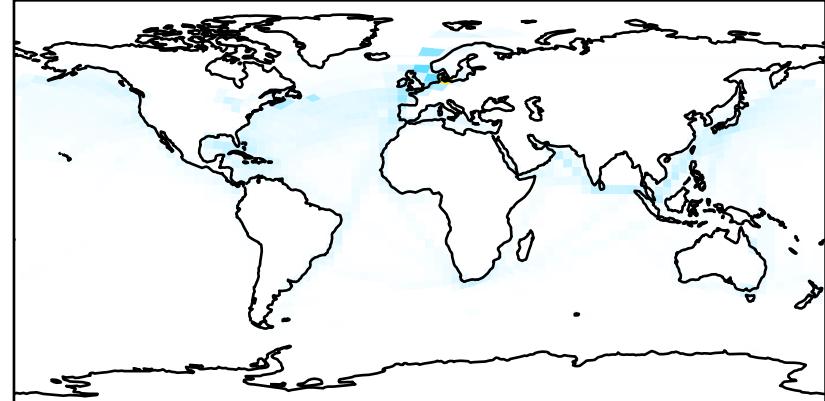


EmisNO2_Ship

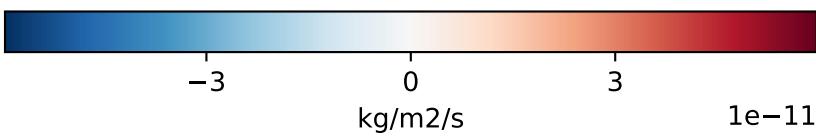
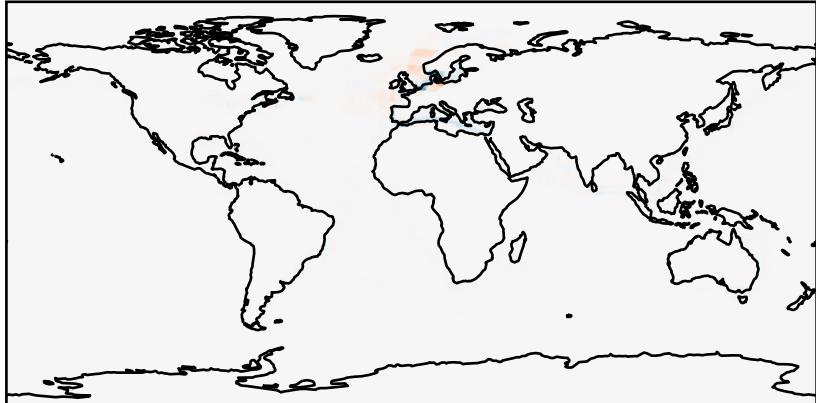
GCHP_12.4.0 (Ref)
c48



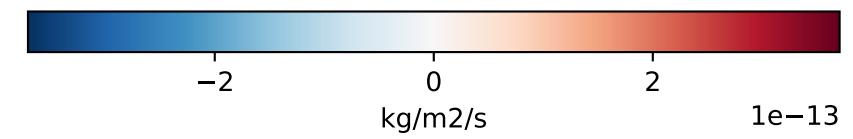
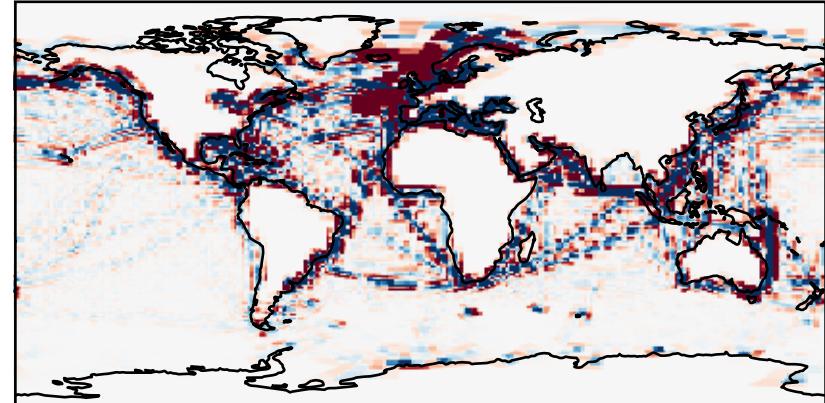
GCHP_12.5.0_c24 (Dev)
c24



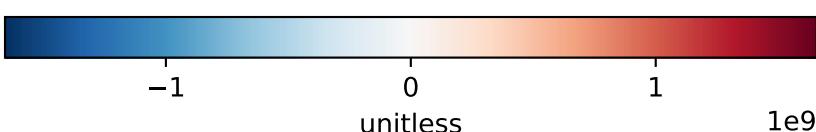
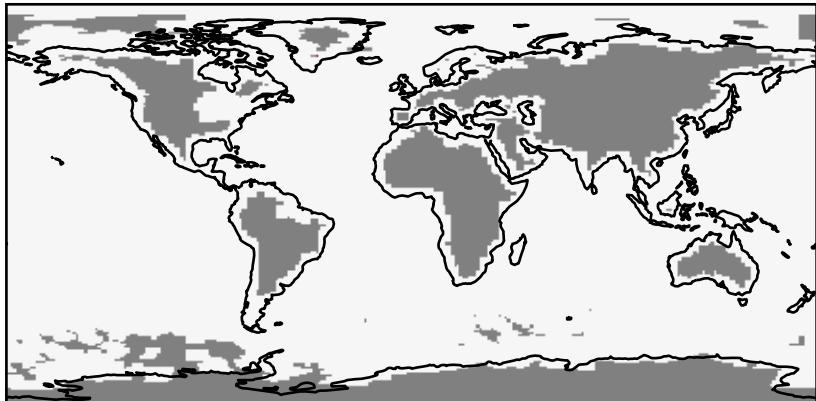
Difference (1x1.25)
Dev - Ref, Dynamic Range



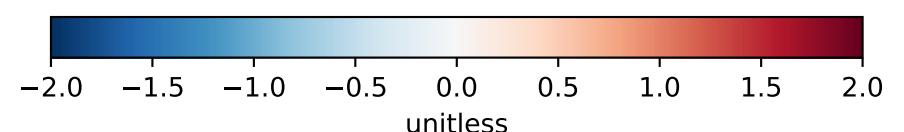
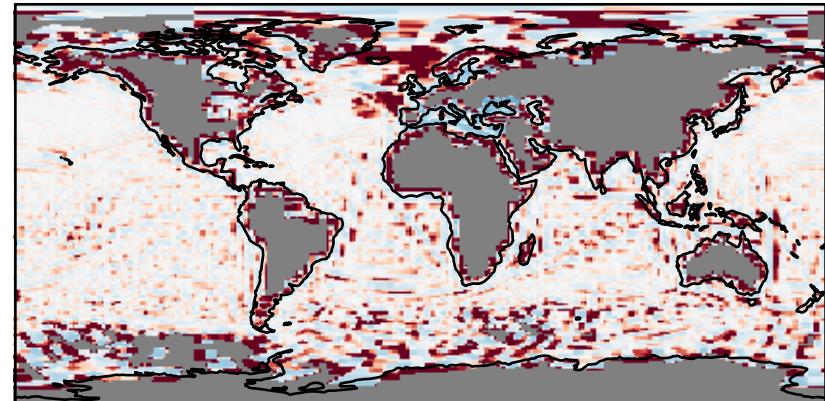
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

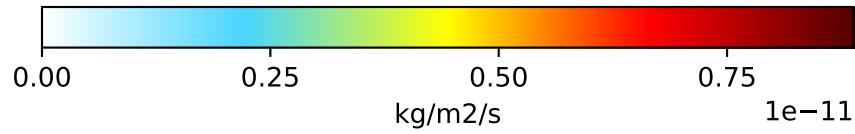
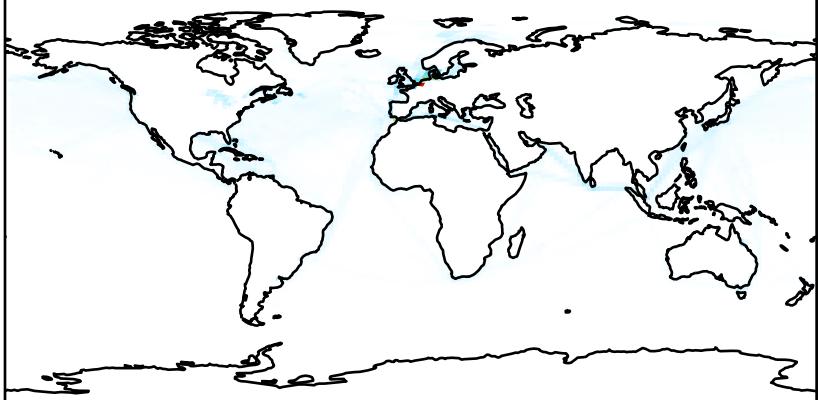


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

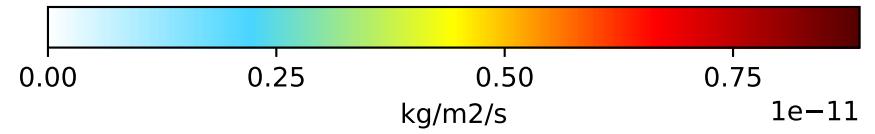
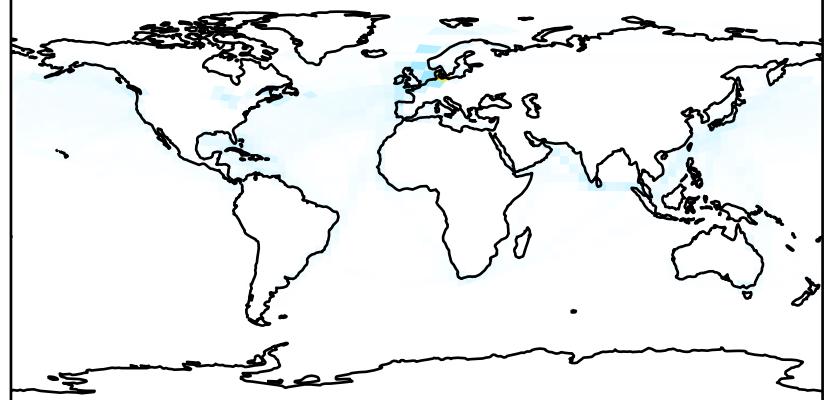


EmisNO_Ship

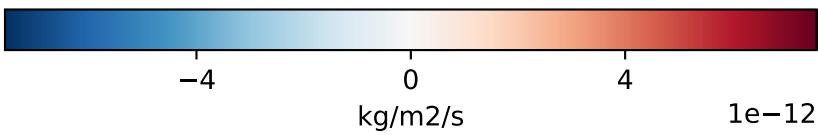
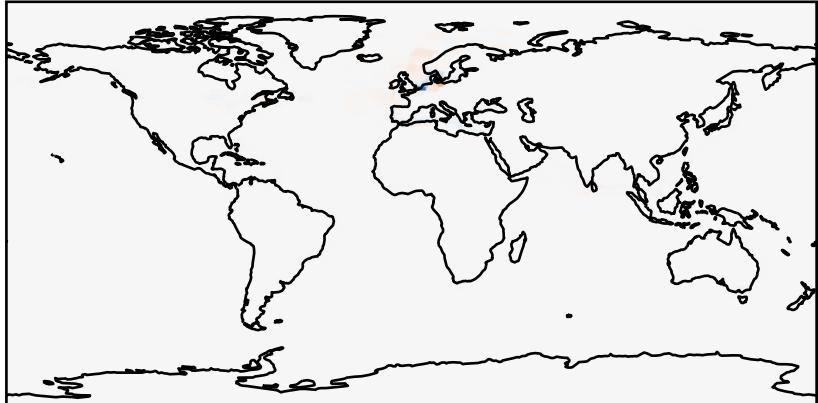
GCHP_12.4.0 (Ref)
c48



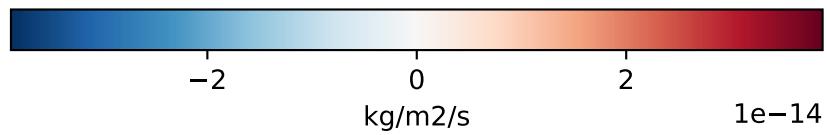
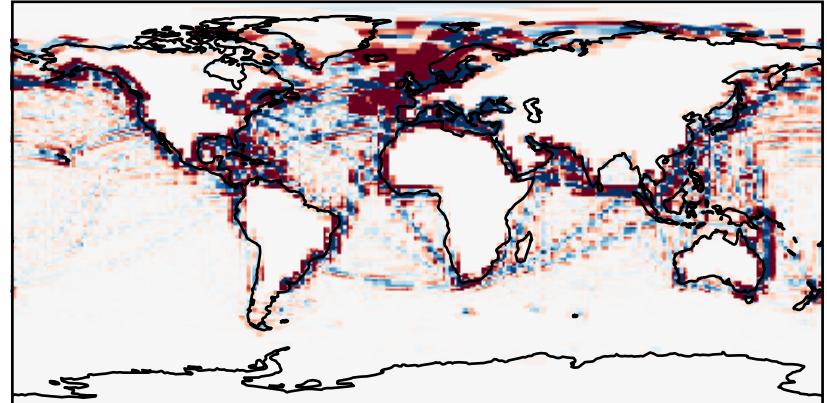
GCHP_12.5.0_c24 (Dev)
c24



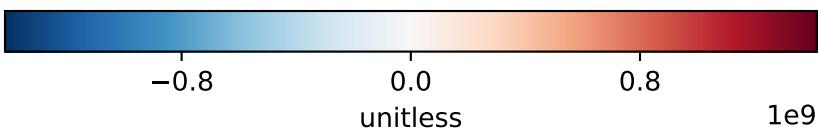
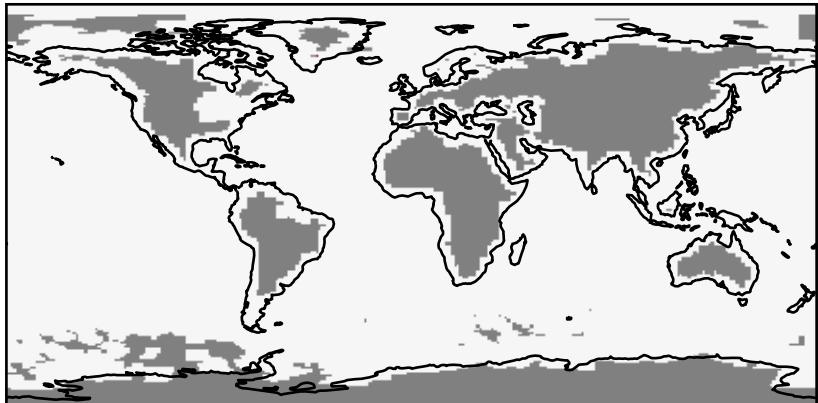
Difference (1x1.25)
Dev - Ref, Dynamic Range



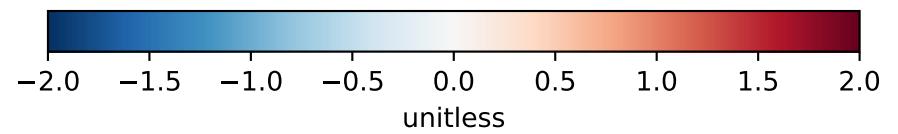
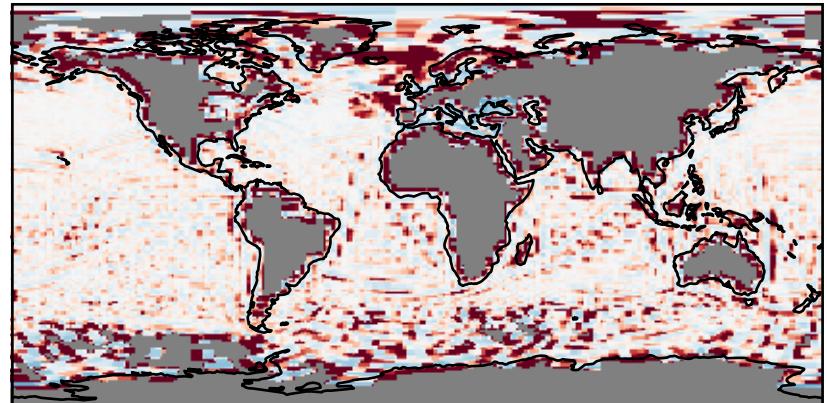
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

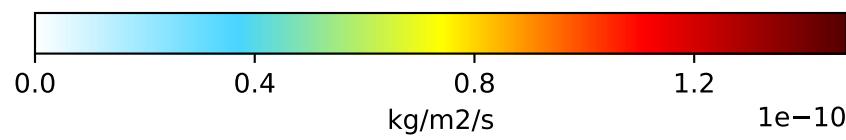
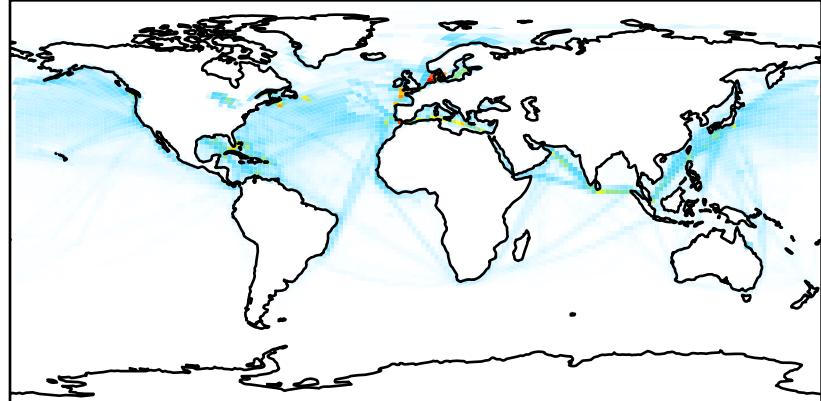


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

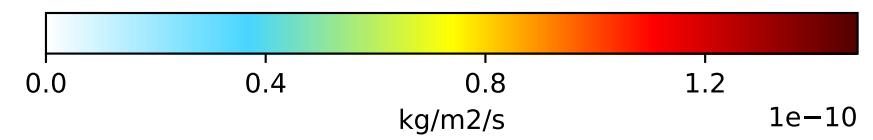
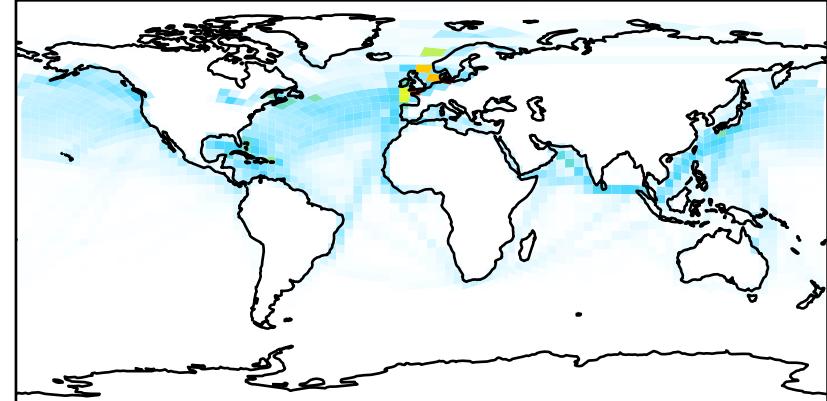


EmisO3_Ship

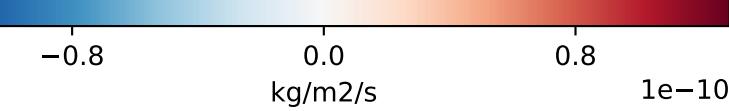
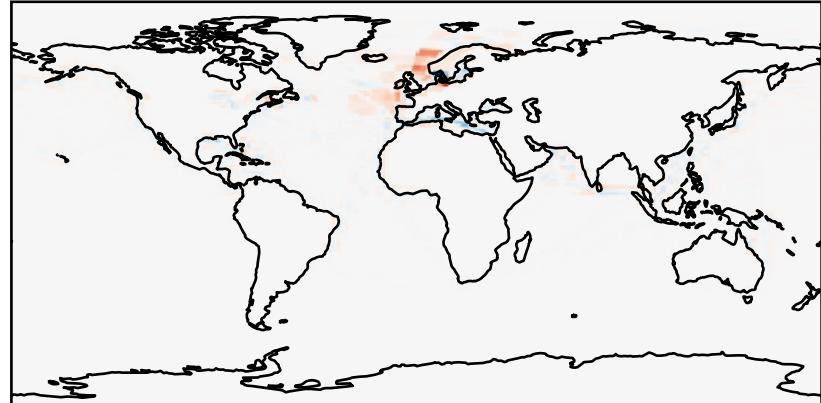
GCHP_12.4.0 (Ref)
c48



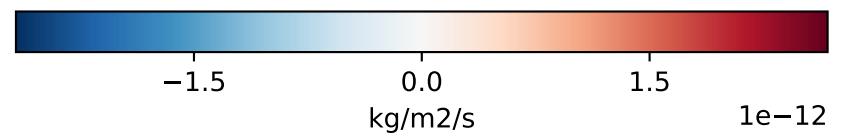
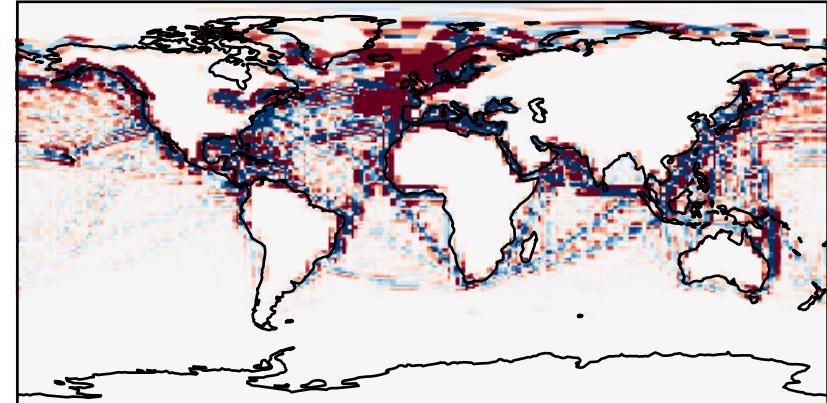
GCHP_12.5.0_c24 (Dev)
c24



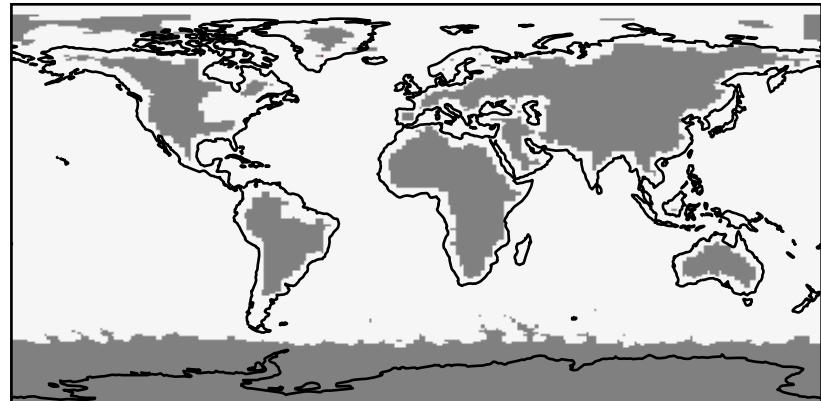
Difference (1x1.25)
Dev - Ref, Dynamic Range



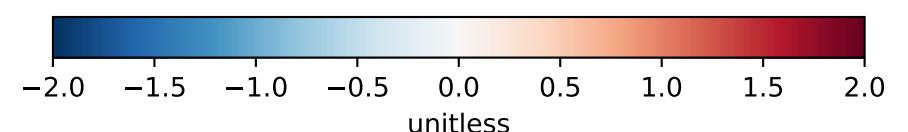
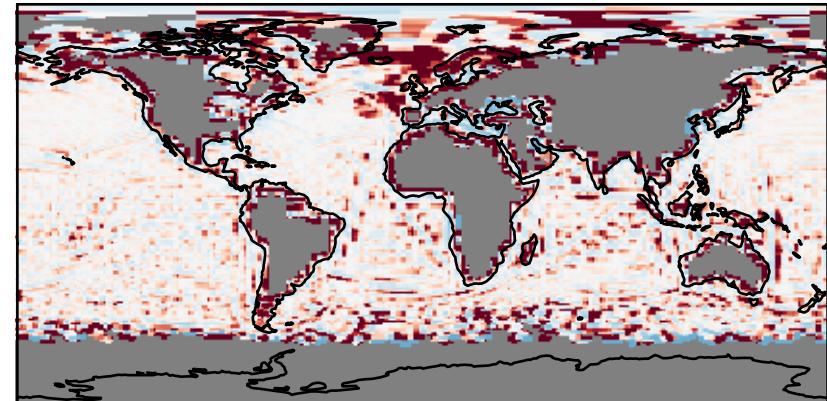
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

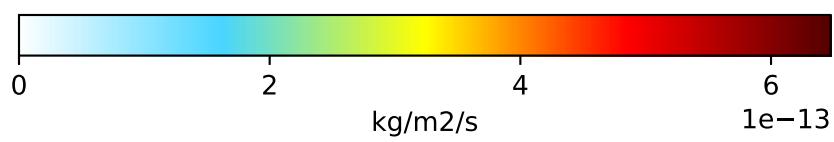
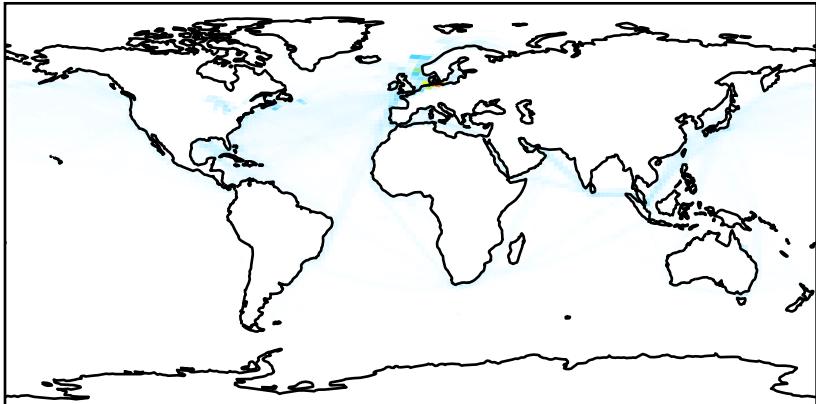


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

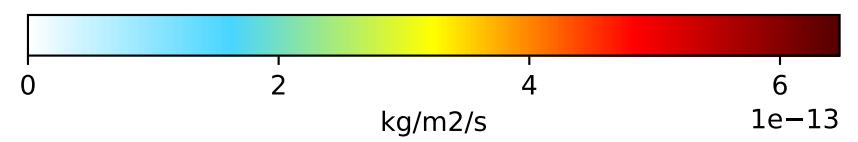
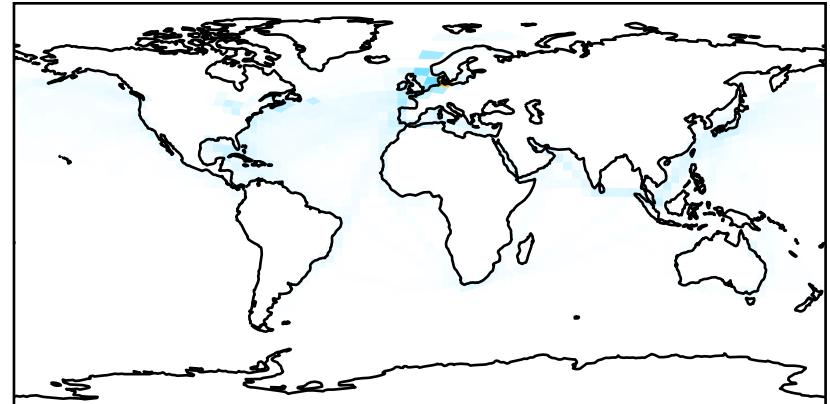


EmisOCPI_Ship

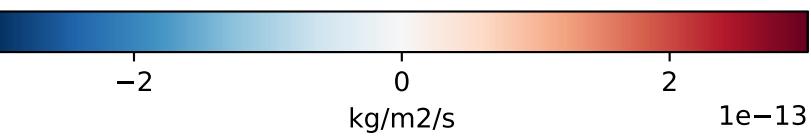
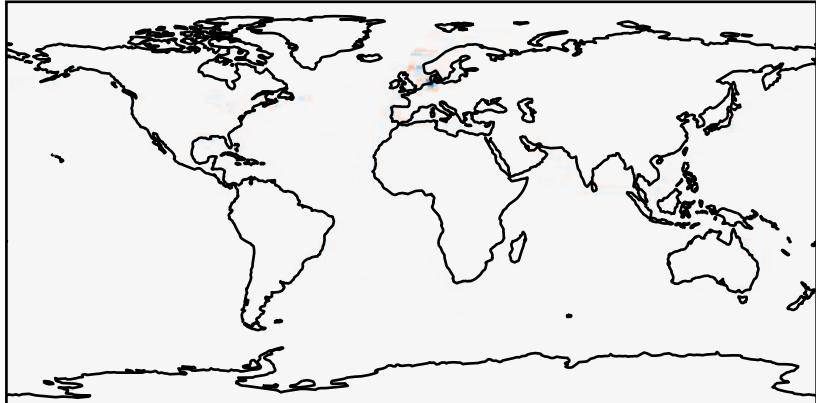
GCHP_12.4.0 (Ref)
c48



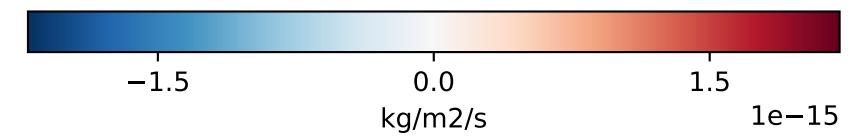
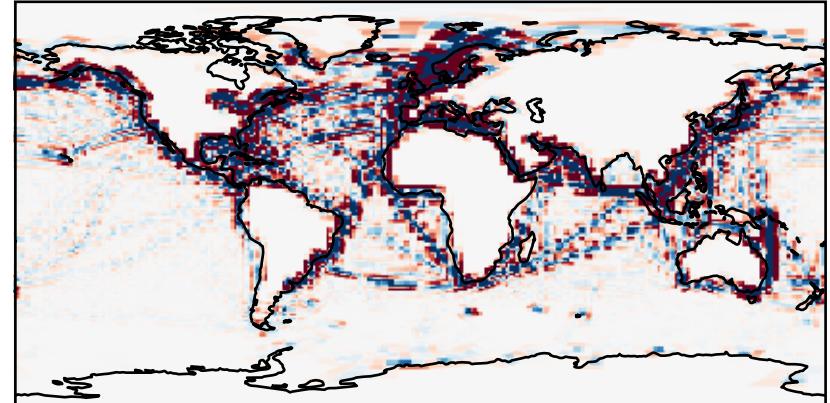
GCHP_12.5.0_c24 (Dev)
c24



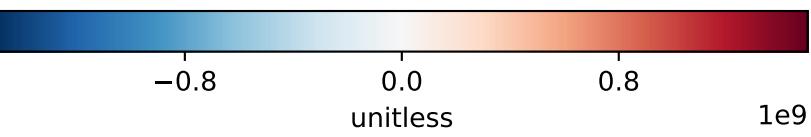
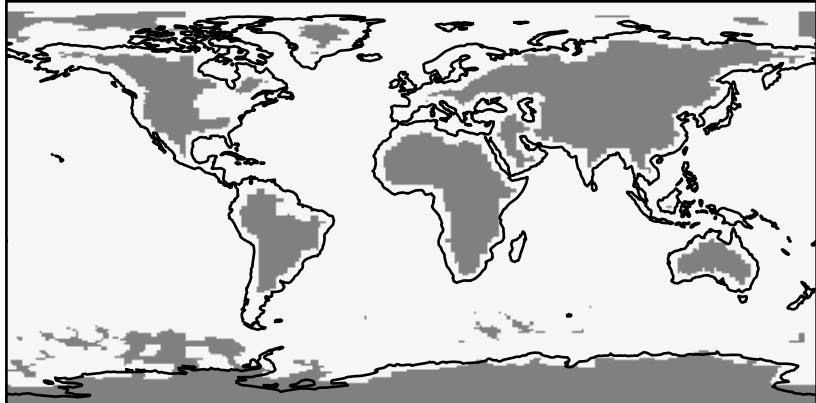
Difference (1x1.25)
Dev - Ref, Dynamic Range



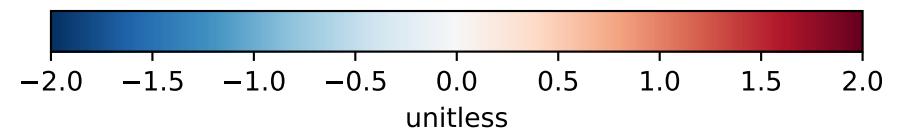
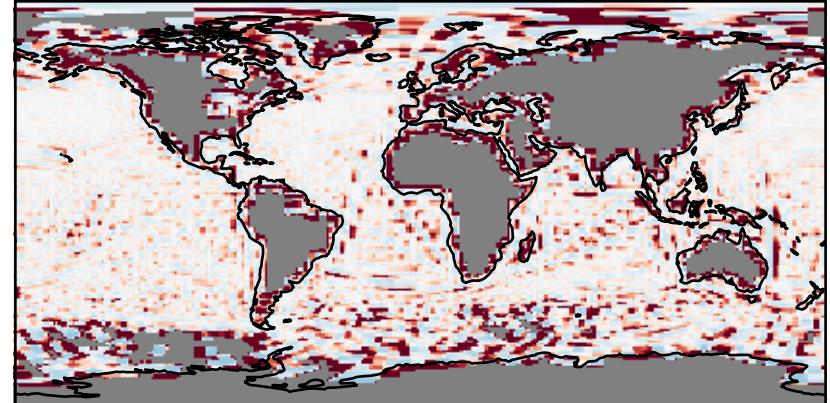
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

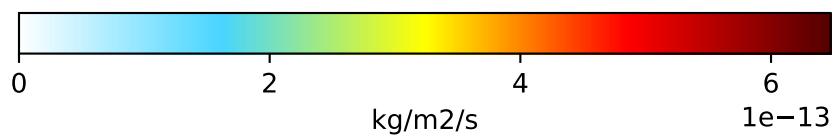
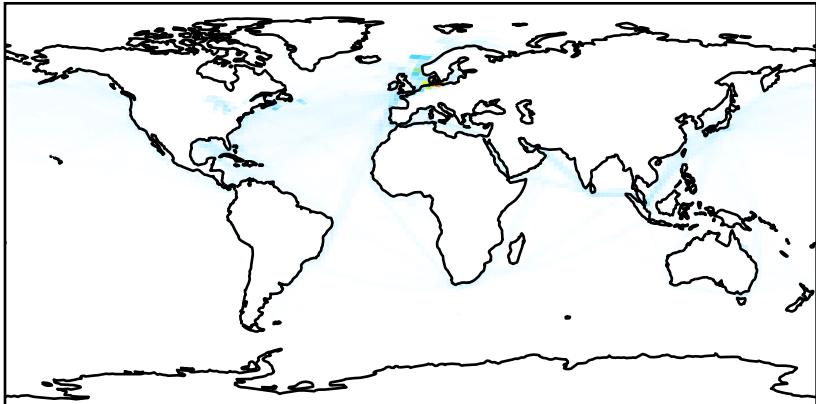


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

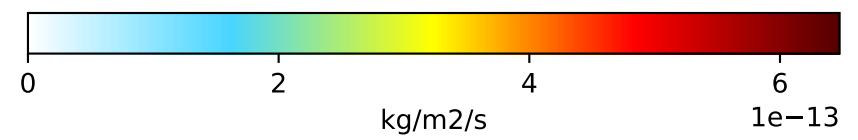
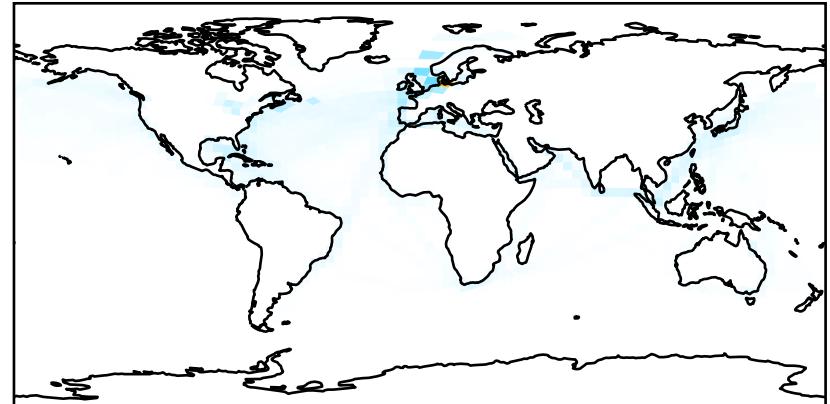


EmisOCPO_Ship

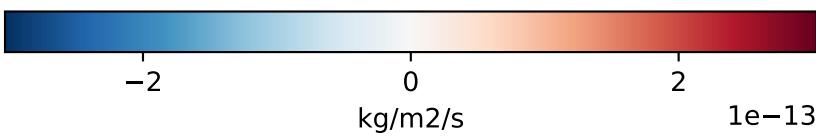
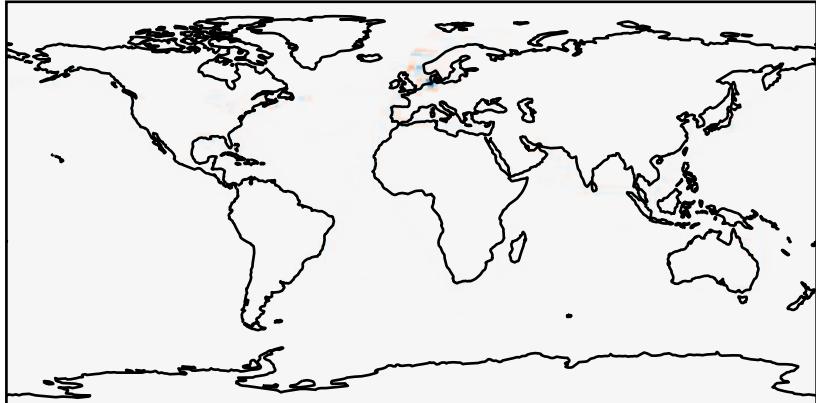
GCHP_12.4.0 (Ref)
c48



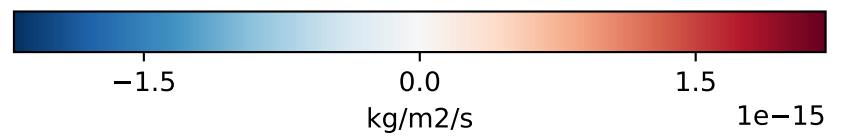
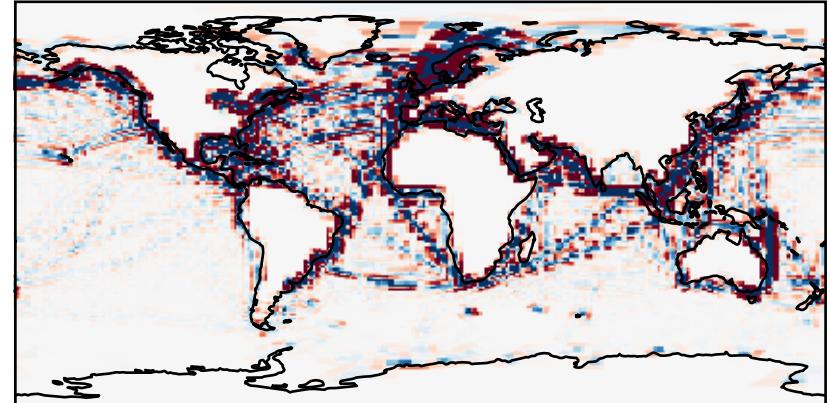
GCHP_12.5.0_c24 (Dev)
c24



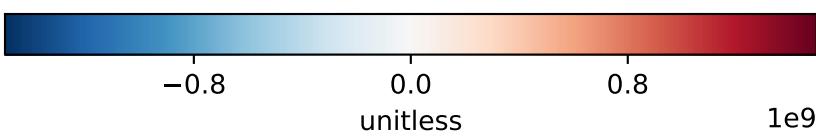
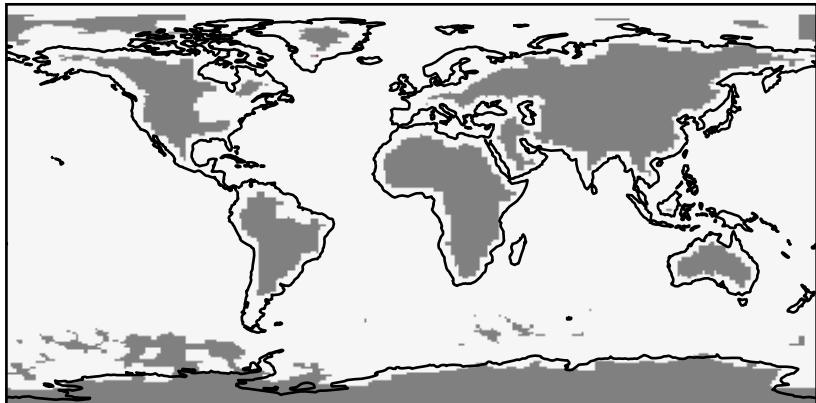
Difference (1x1.25)
Dev - Ref, Dynamic Range



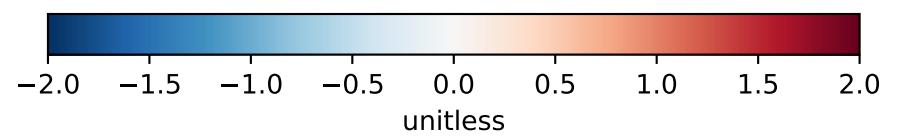
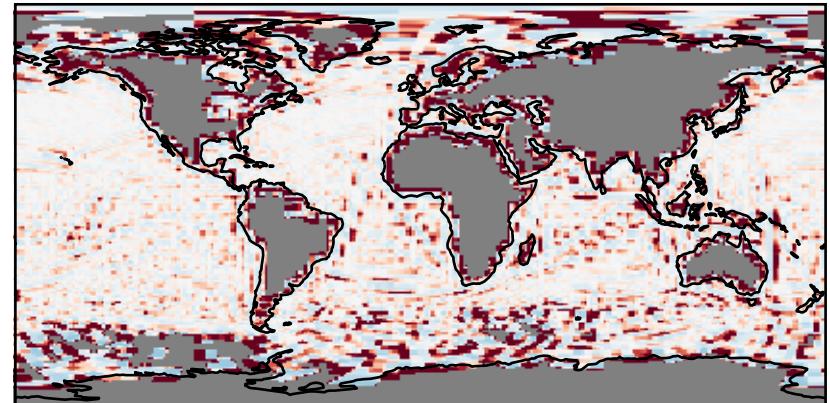
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

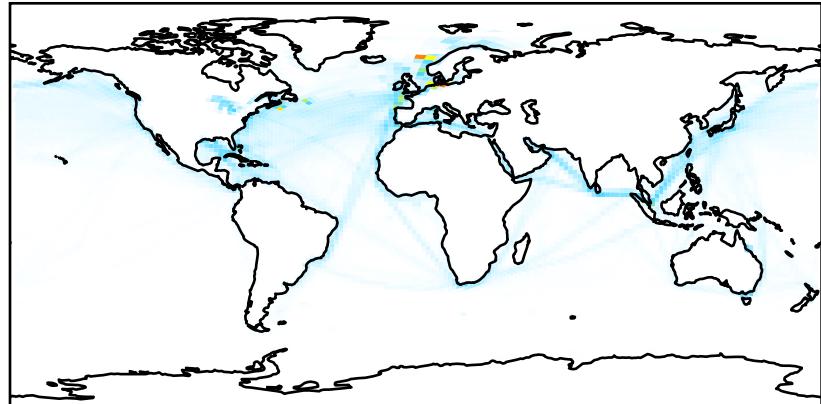


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

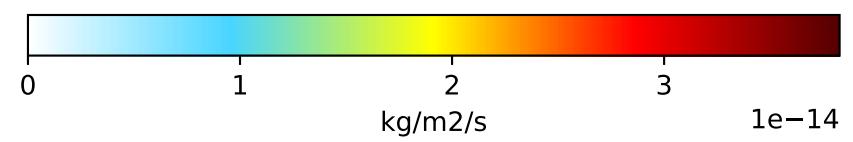
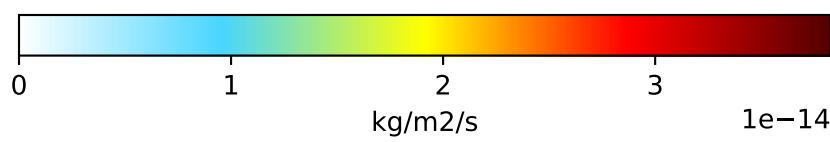
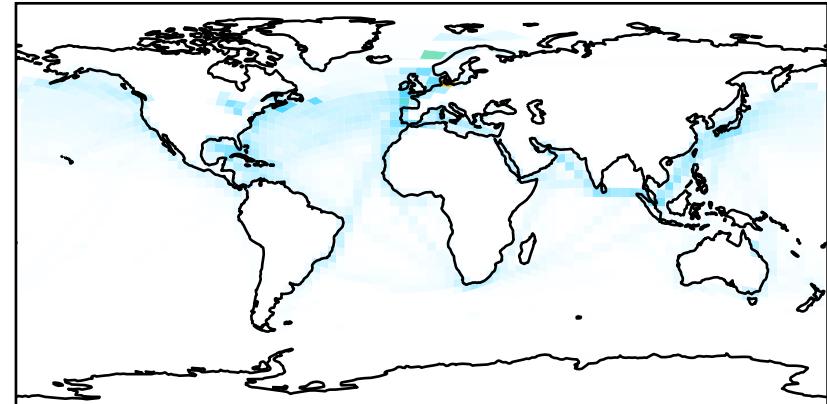


EmispFe_Ship

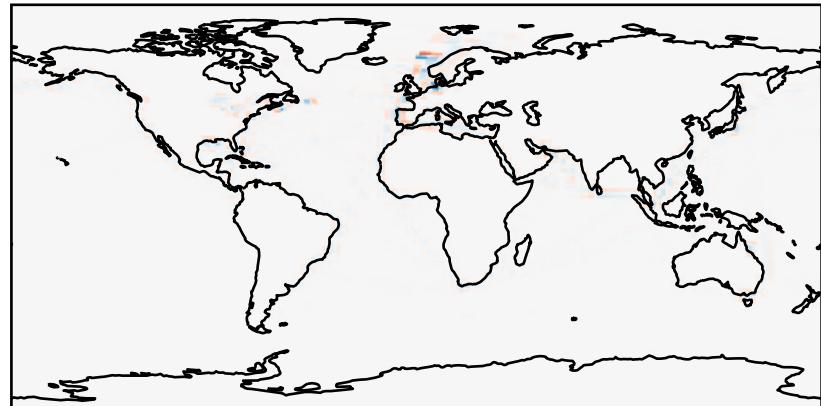
GCHP_12.4.0 (Ref)
c48



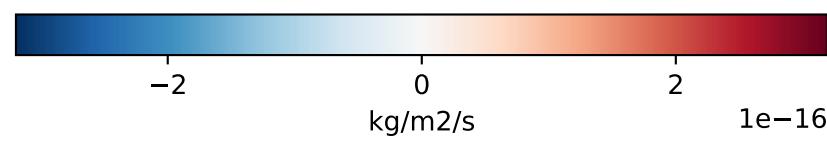
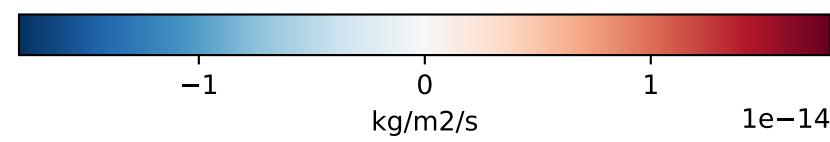
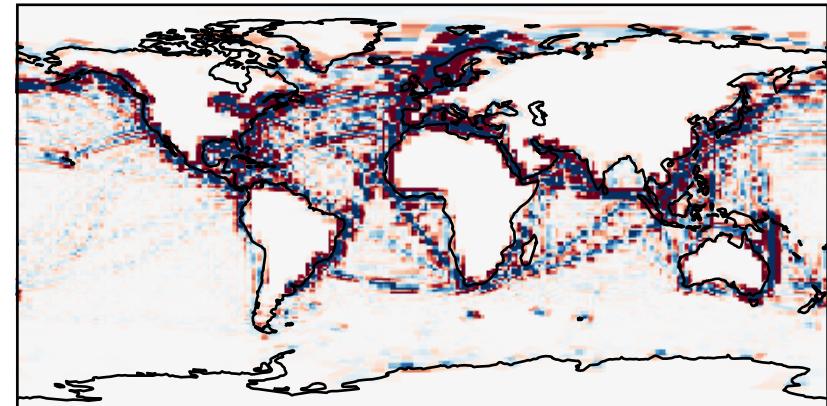
GCHP_12.5.0_c24 (Dev)
c24



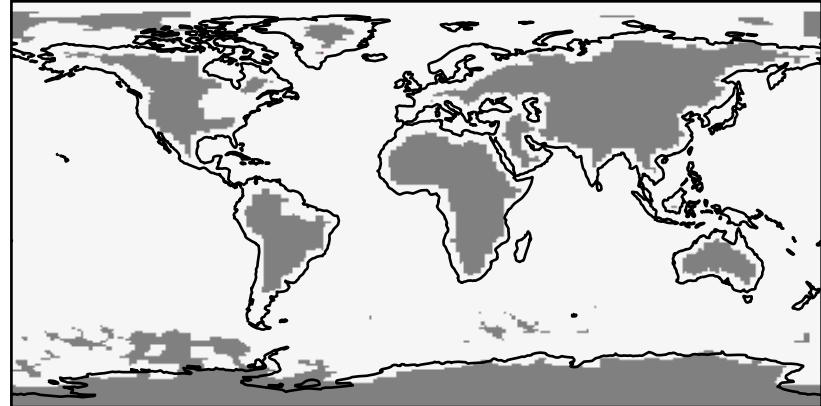
Difference (1x1.25)
Dev - Ref, Dynamic Range



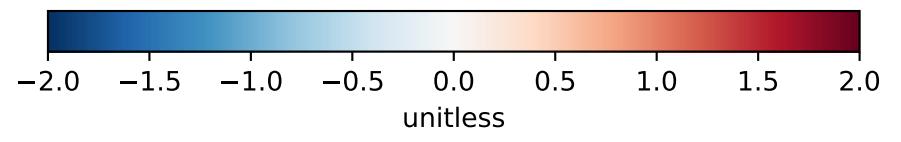
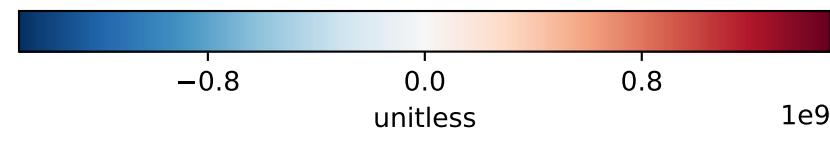
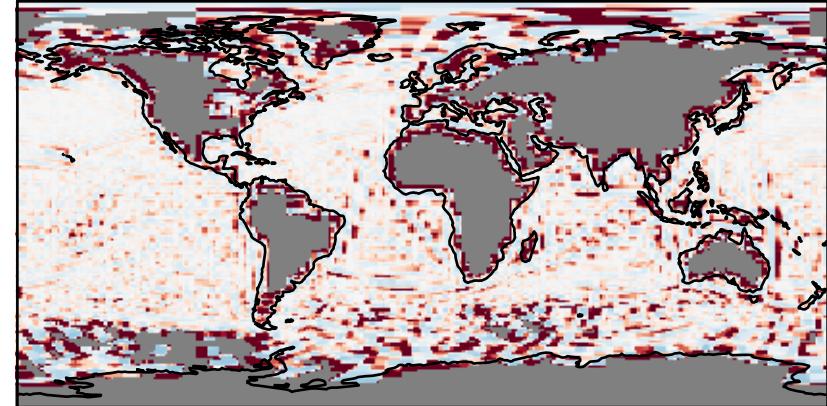
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



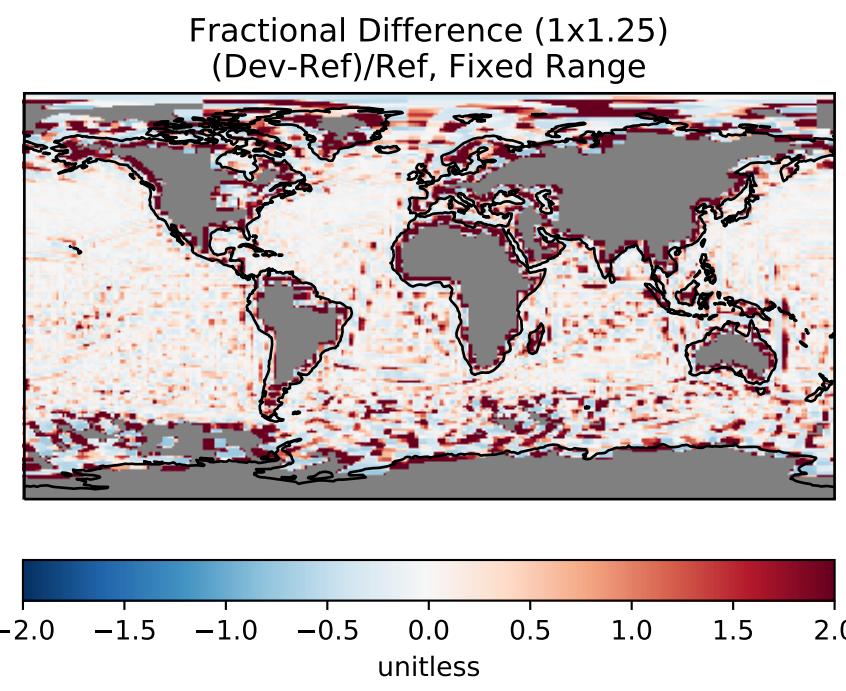
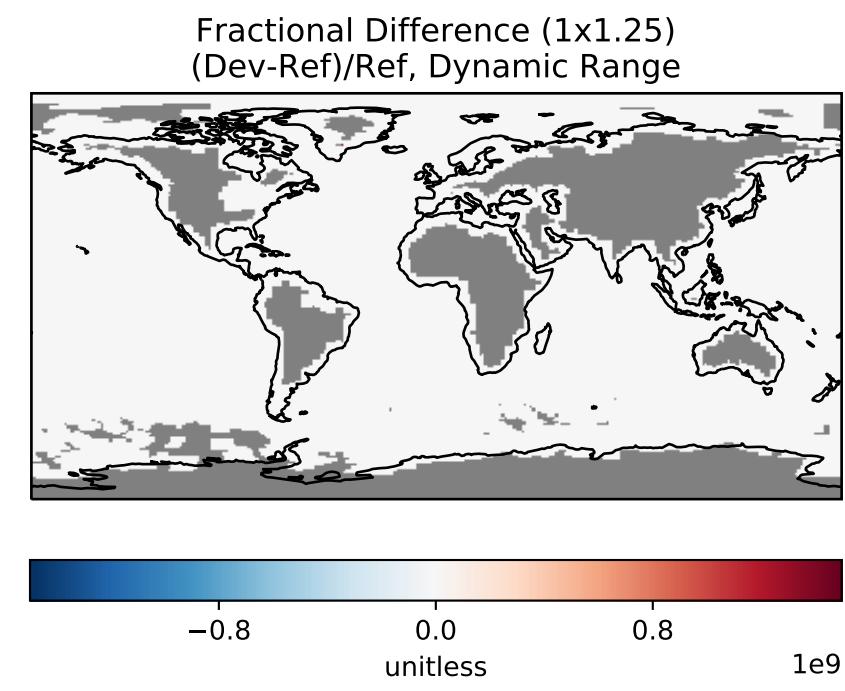
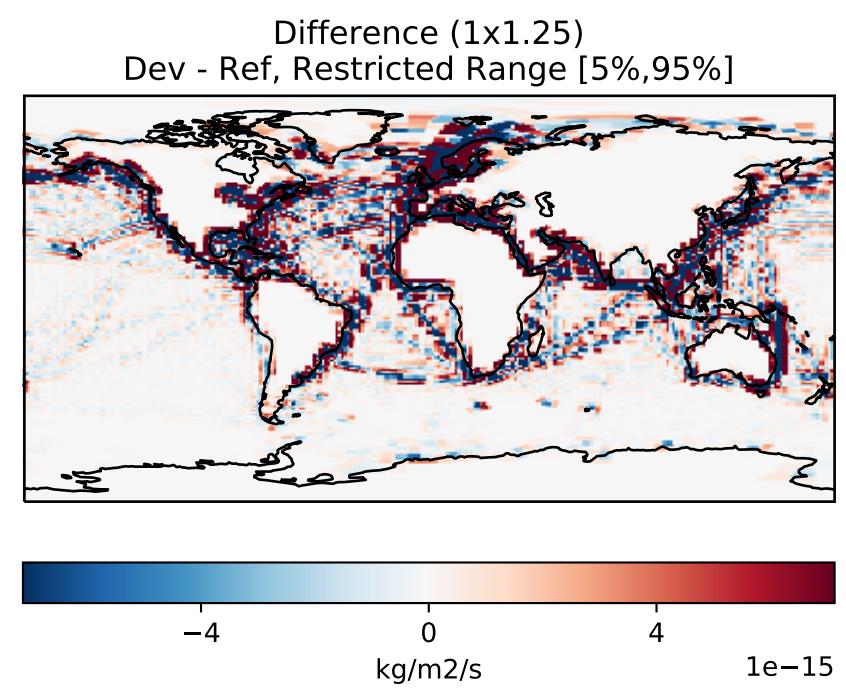
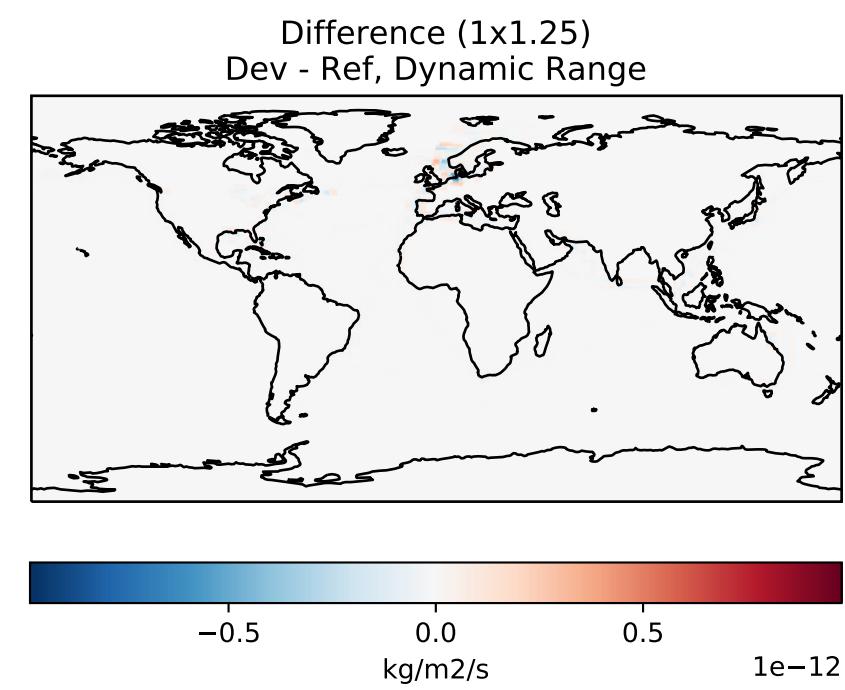
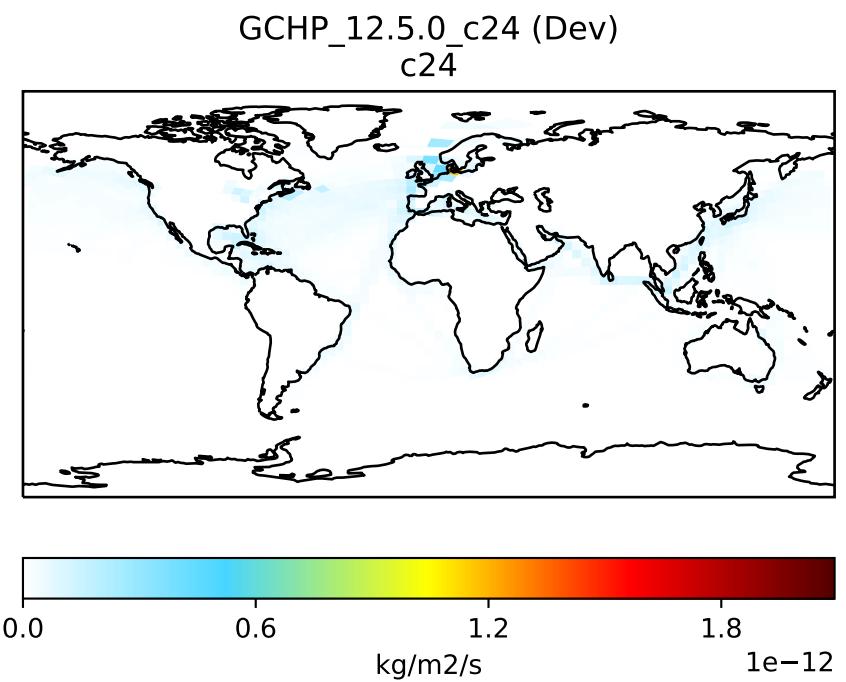
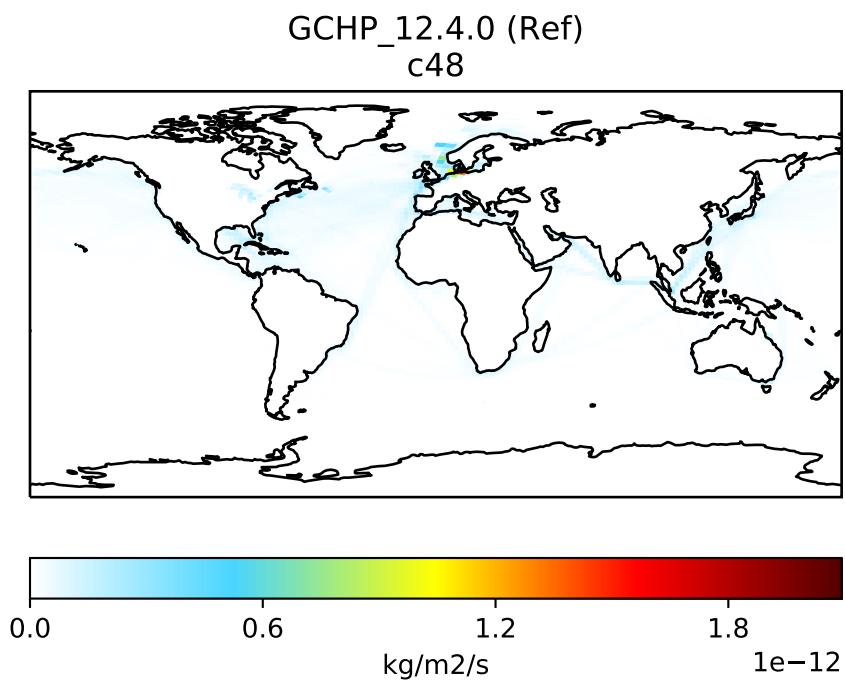
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



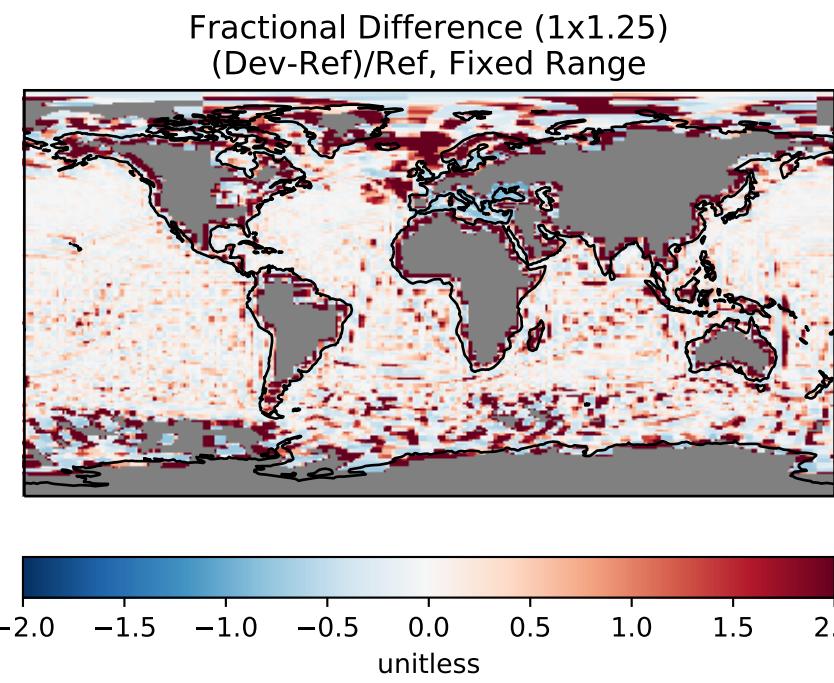
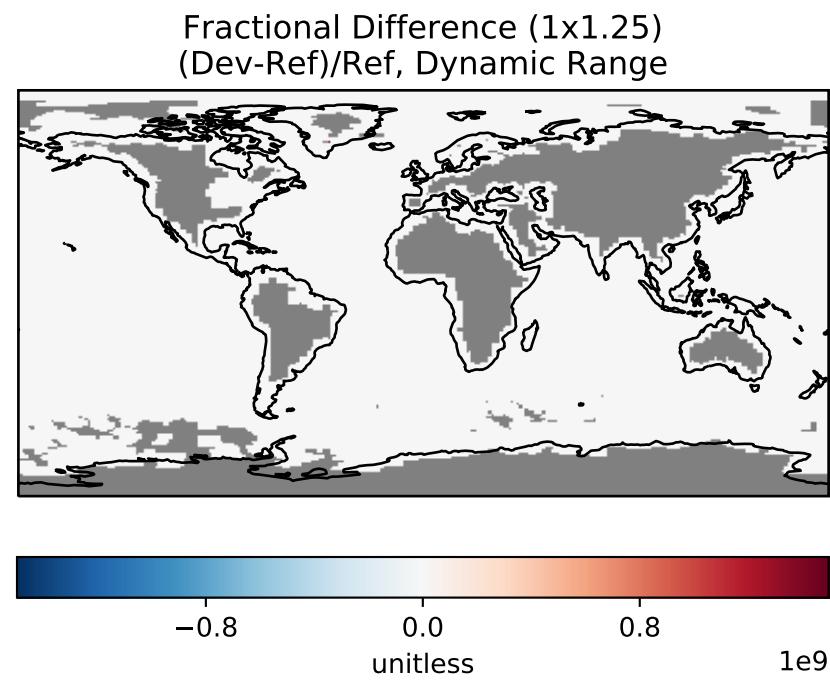
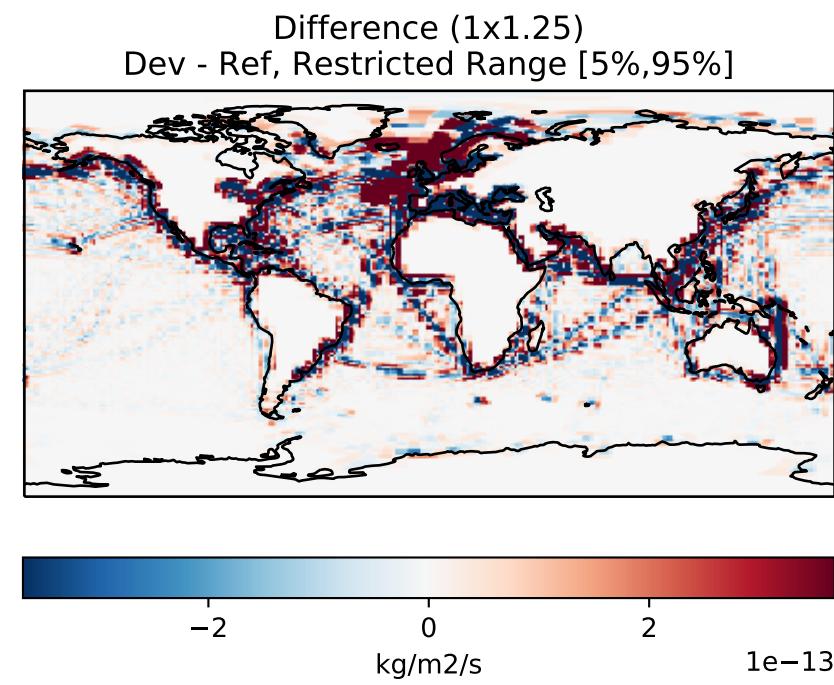
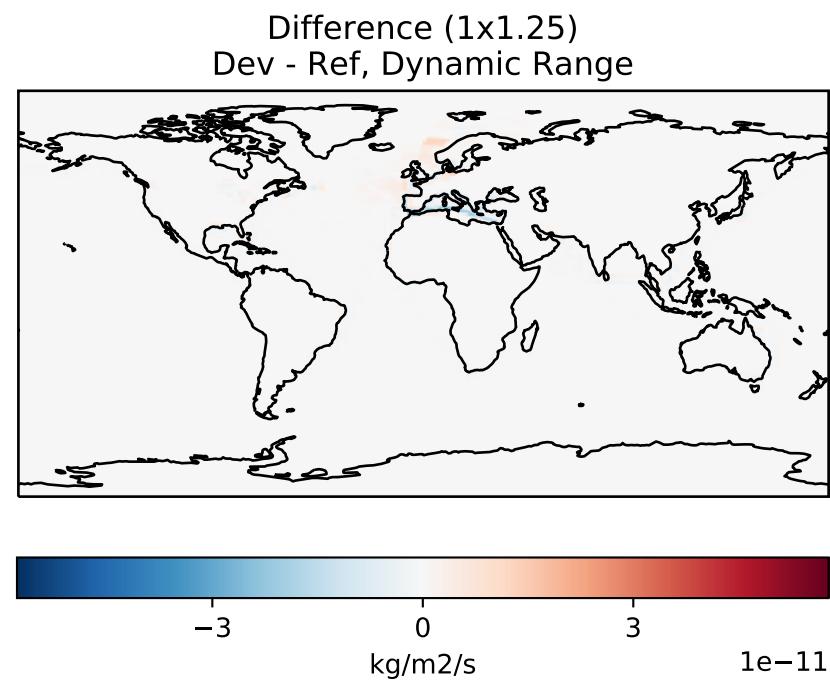
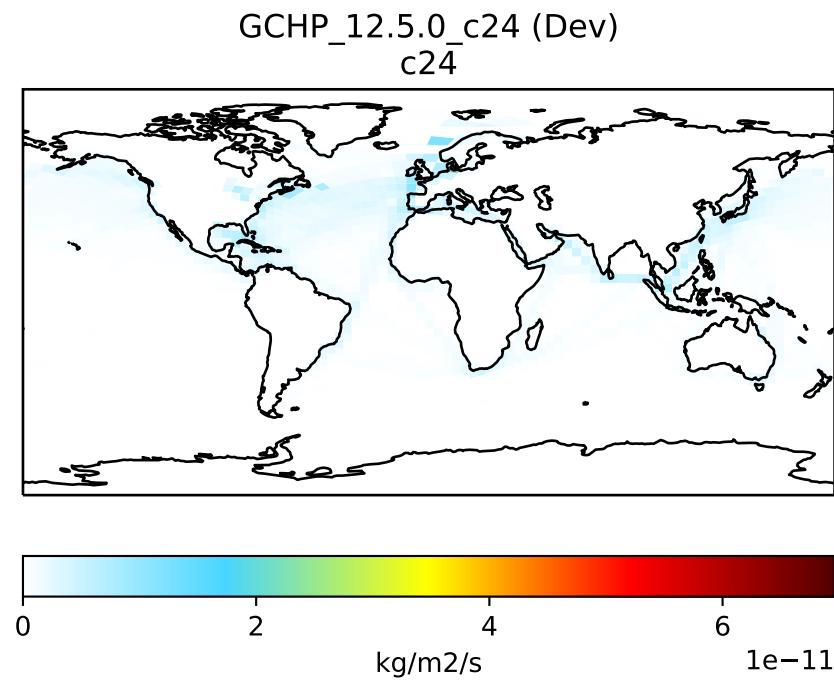
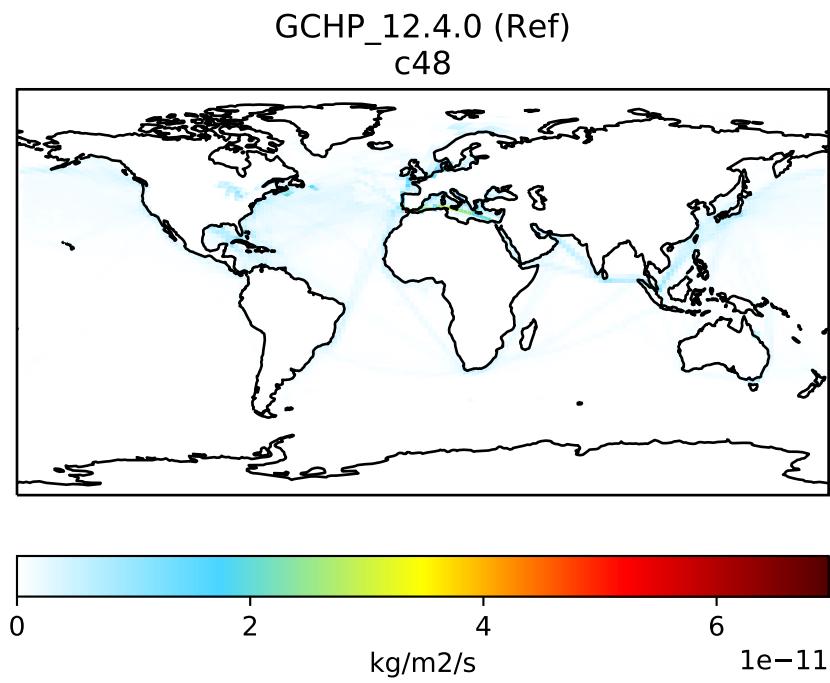
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



EmisPRPE_Ship

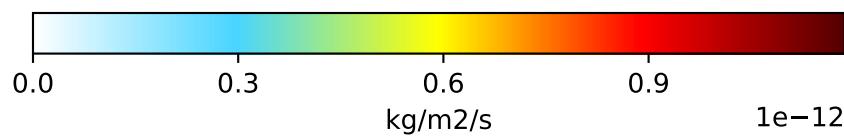
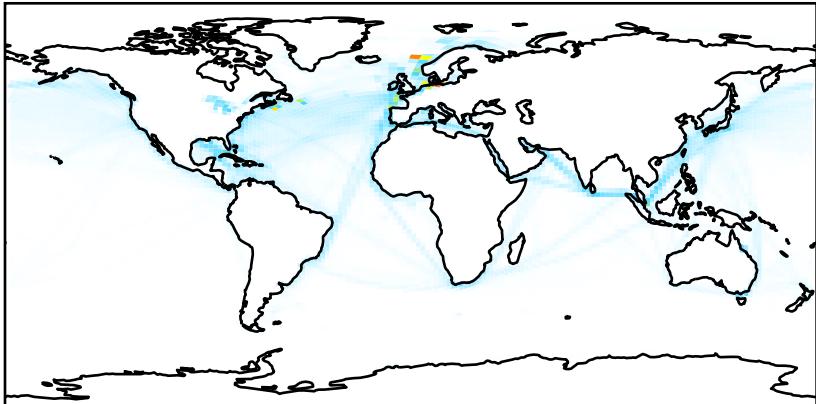


EmisSO2_Ship

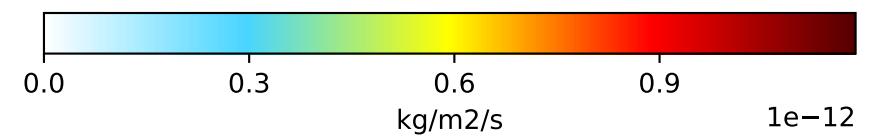
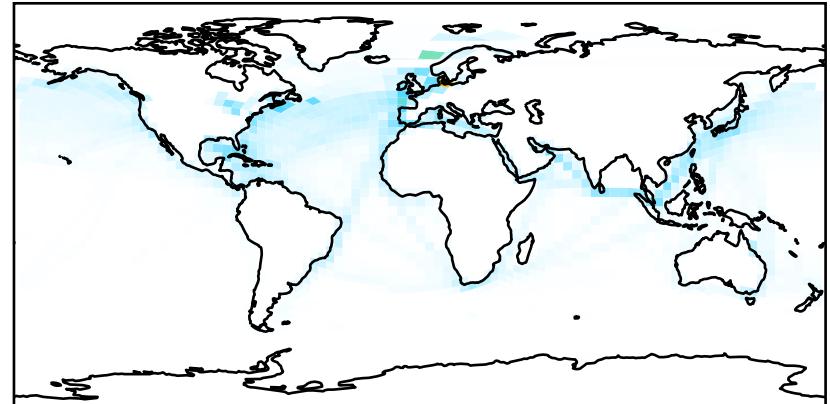


EmisSO4_Ship

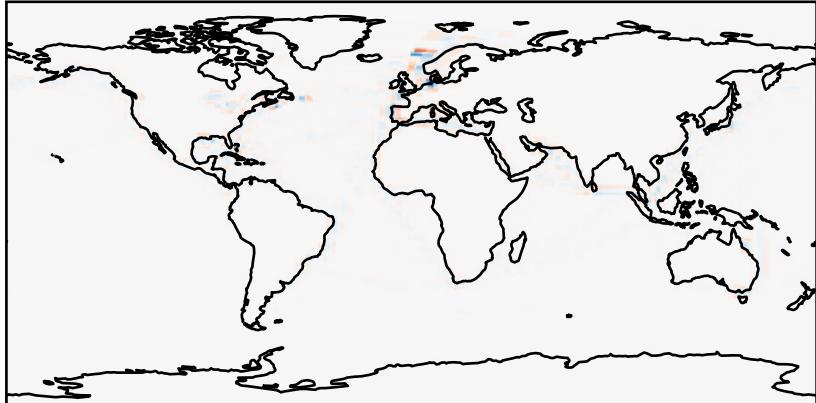
GCHP_12.4.0 (Ref)
c48



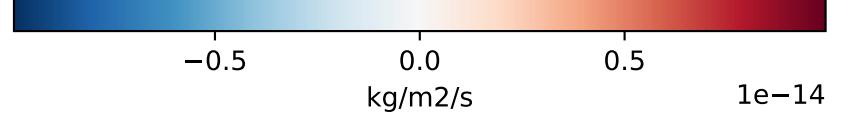
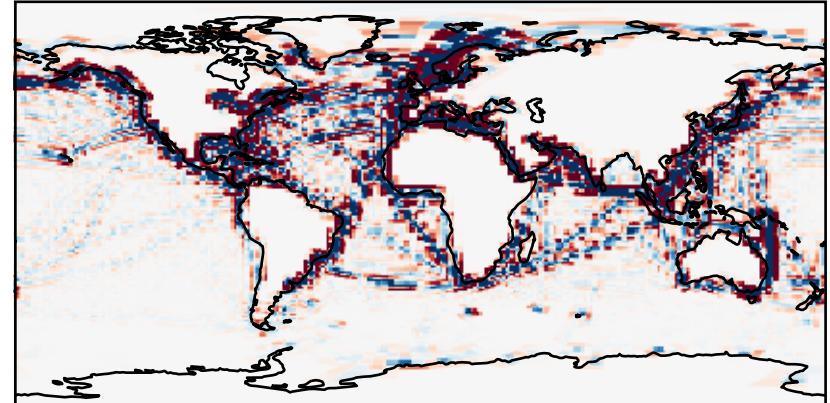
GCHP_12.5.0_c24 (Dev)
c24



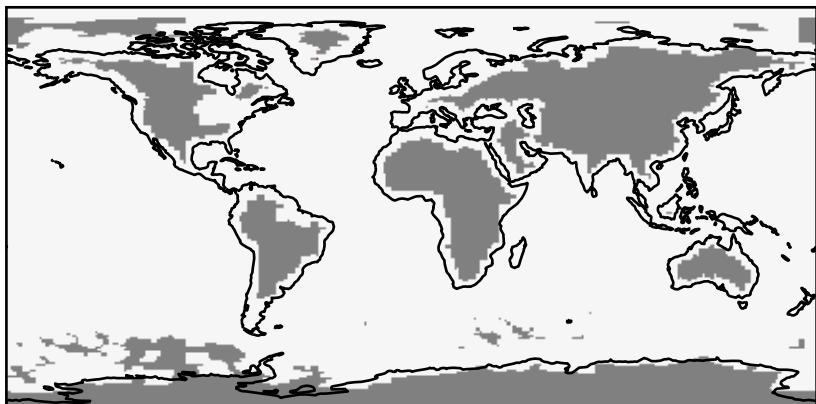
Difference (1x1.25)
Dev - Ref, Dynamic Range



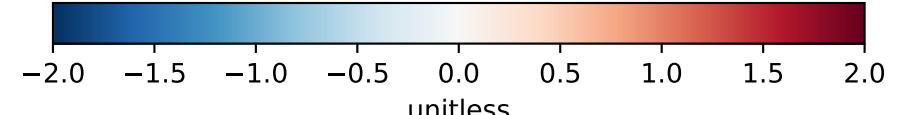
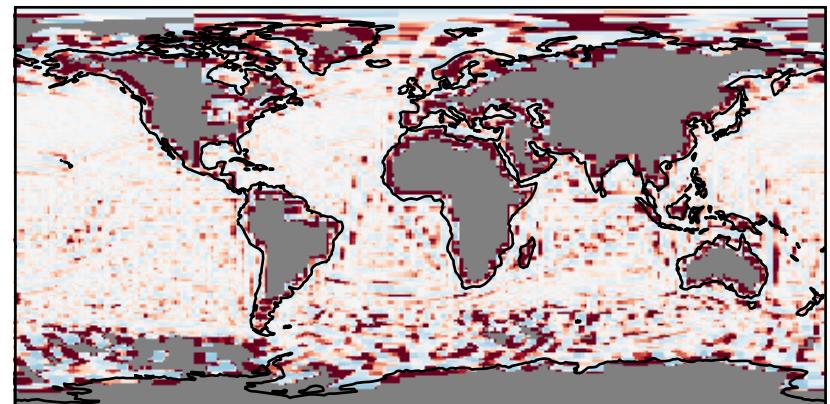
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

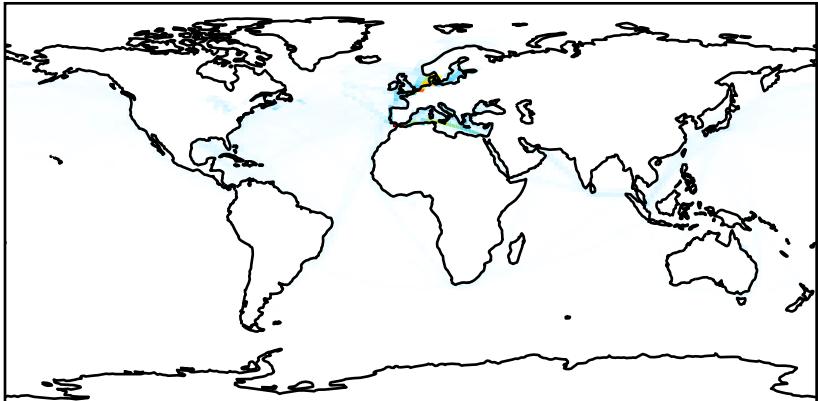


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

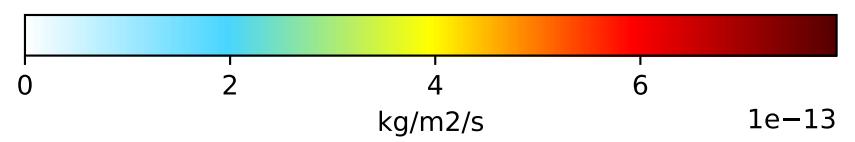
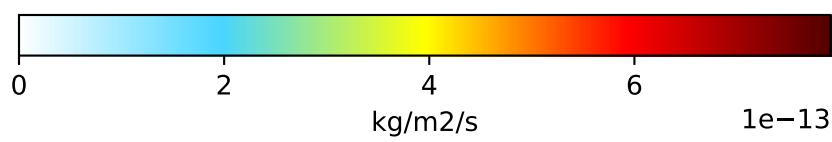
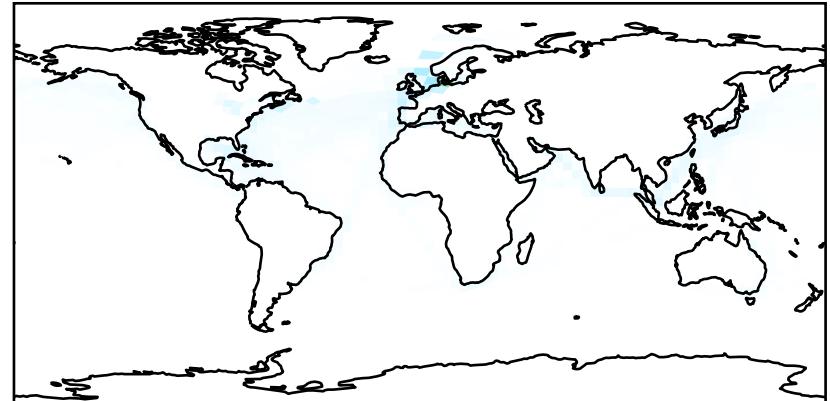


EmisSOAP_Ship

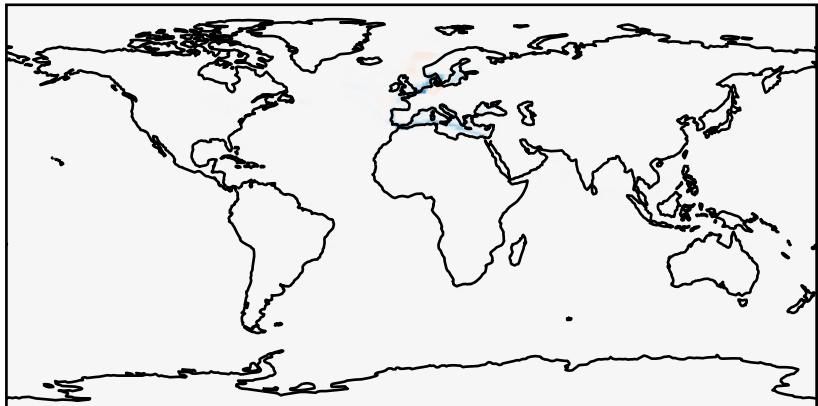
GCHP_12.4.0 (Ref)
c48



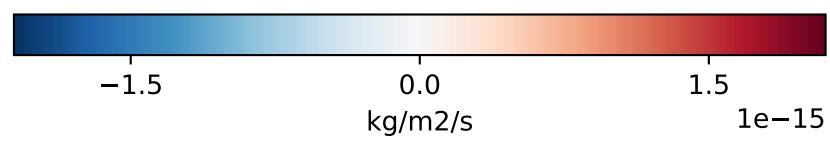
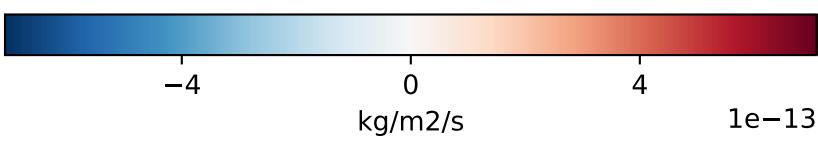
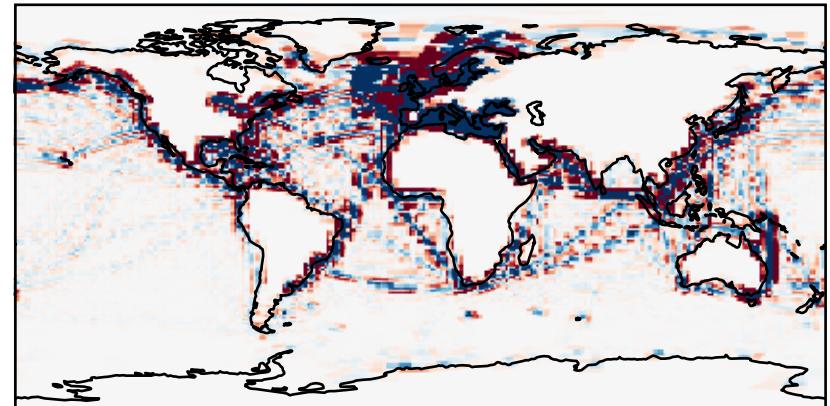
GCHP_12.5.0_c24 (Dev)
c24



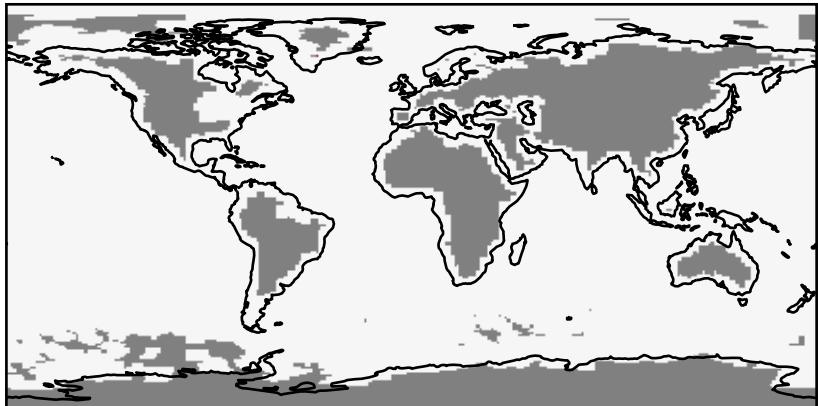
Difference (1x1.25)
Dev - Ref, Dynamic Range



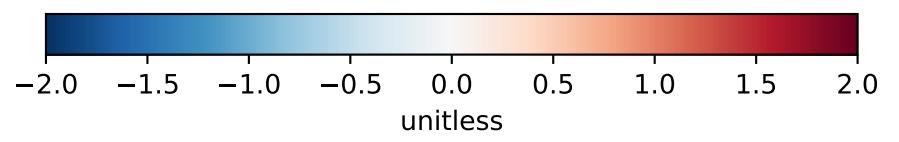
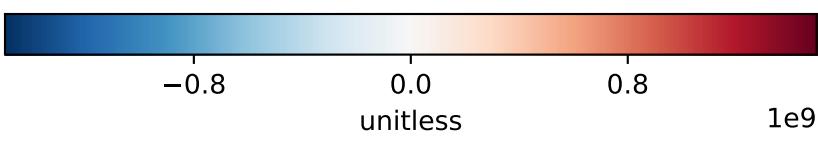
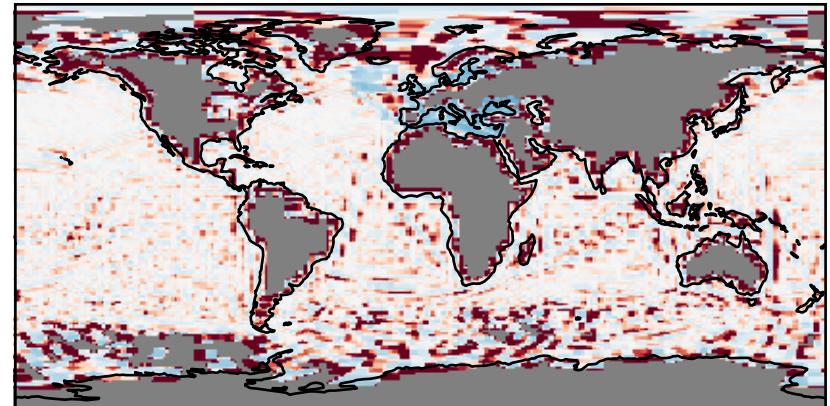
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

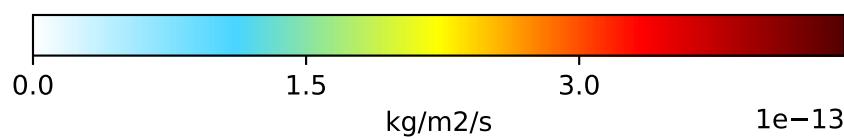
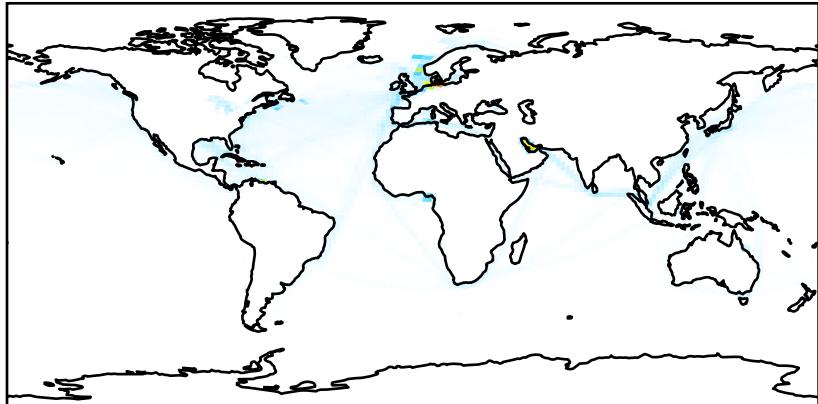


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

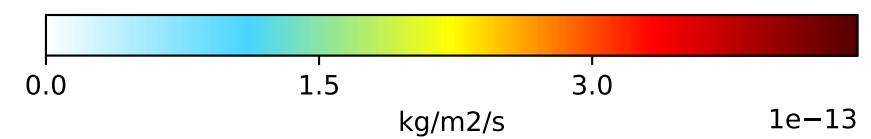
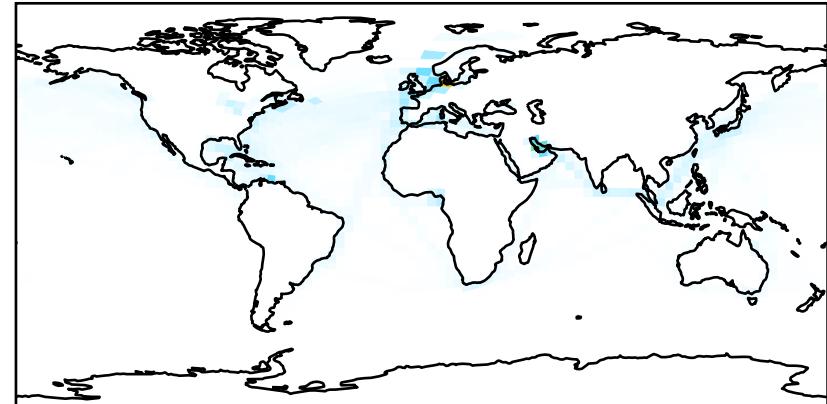


EmisTOLU_Ship

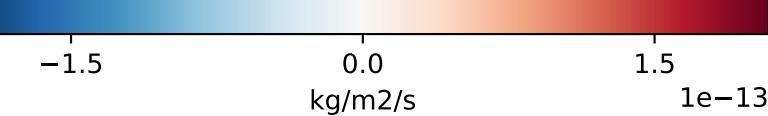
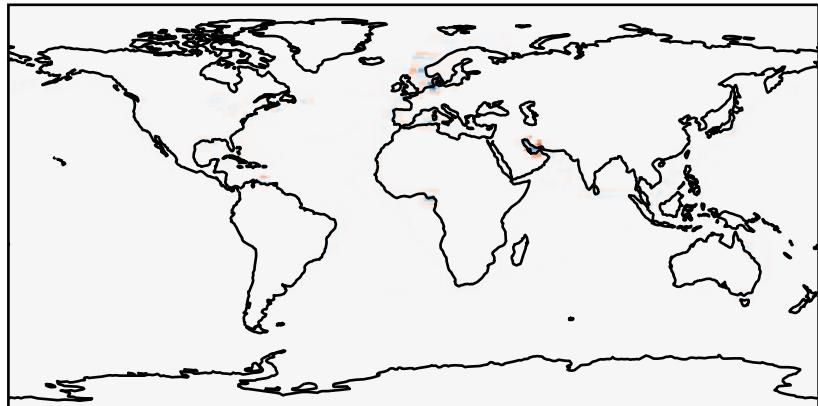
GCHP_12.4.0 (Ref)
c48



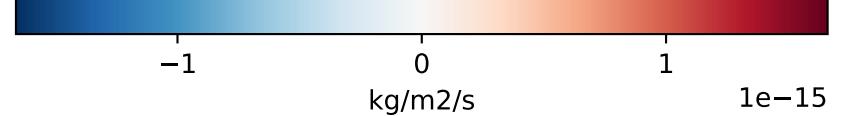
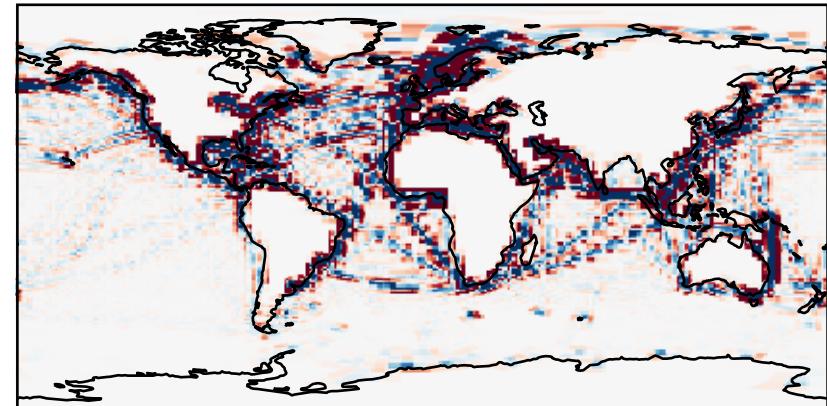
GCHP_12.5.0_c24 (Dev)
c24



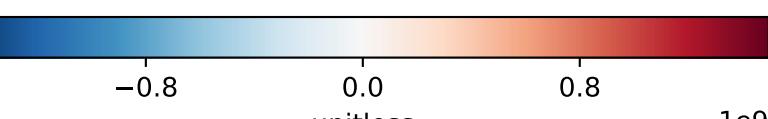
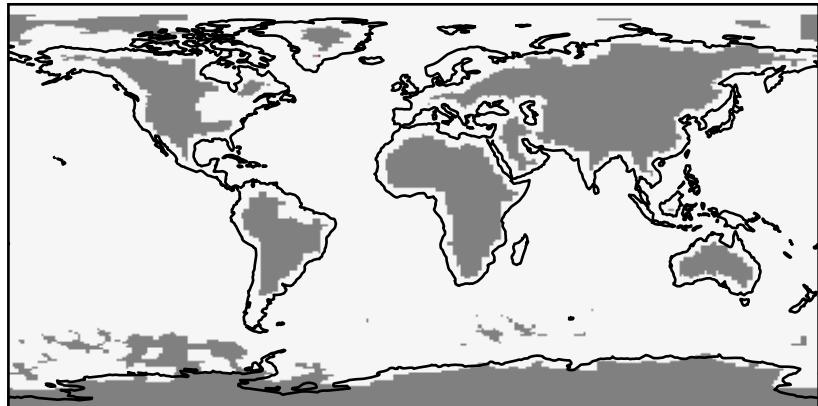
Difference (1x1.25)
Dev - Ref, Dynamic Range



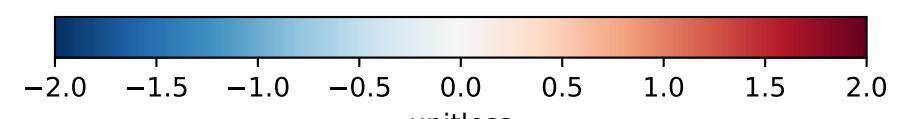
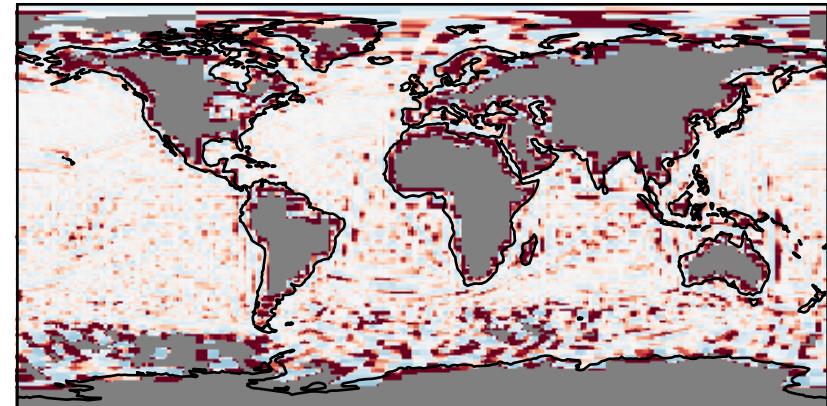
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



EmisXYLE_Ship

