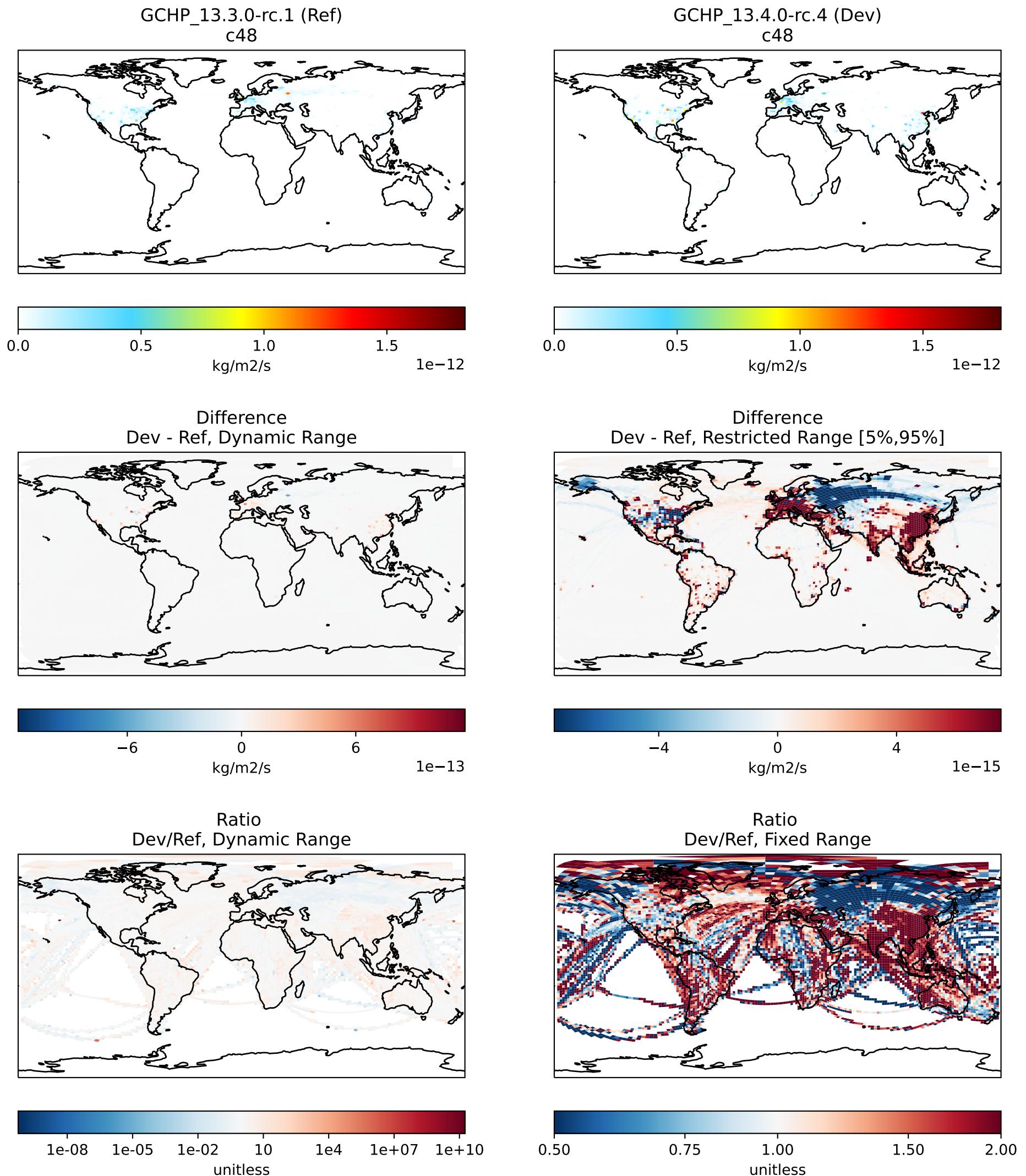
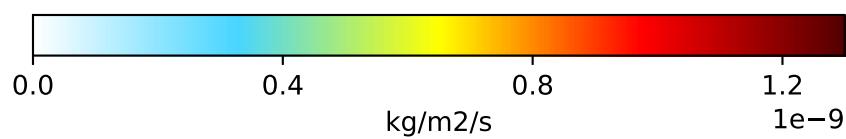
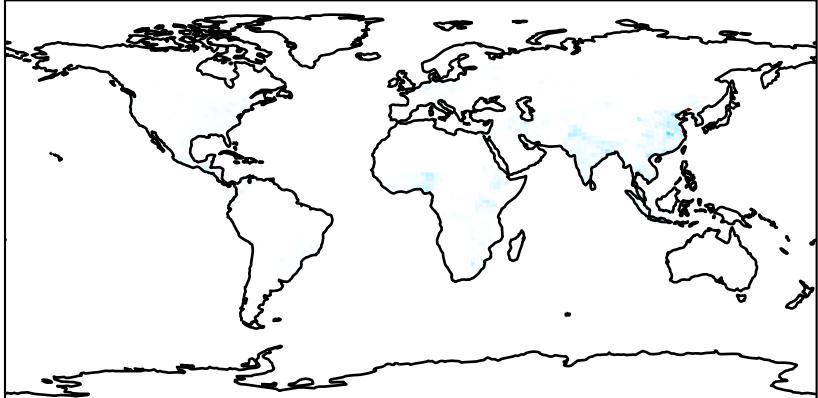


EmisSOAP_Aircraft

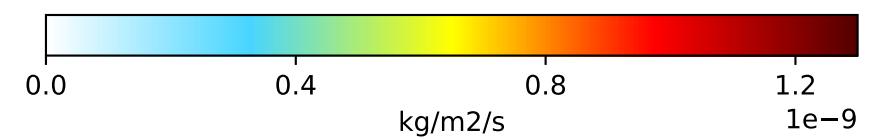
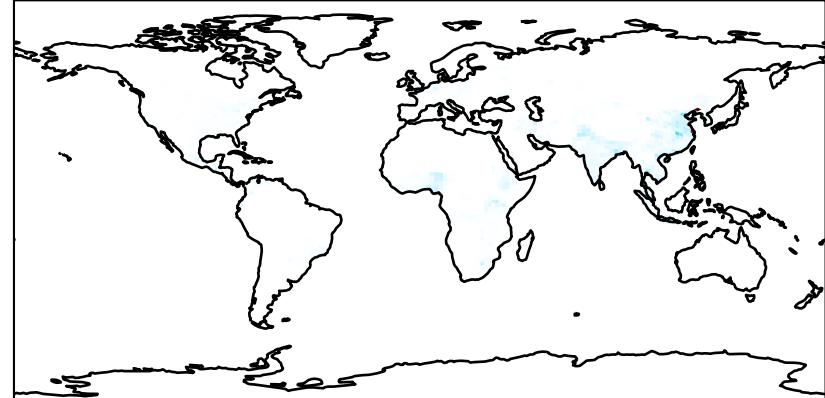


EmisSOAP_Anthro

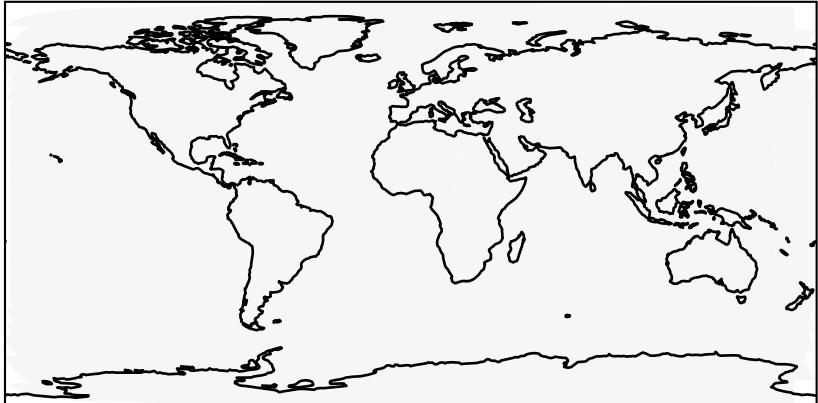
GCHP_13.3.0-rc.1 (Ref)
c48



GCHP_13.4.0-rc.4 (Dev)
c48

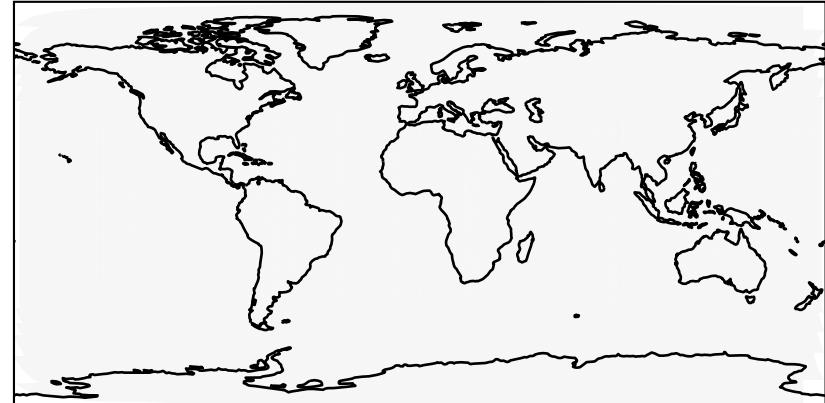


Difference
Dev - Ref, Dynamic Range



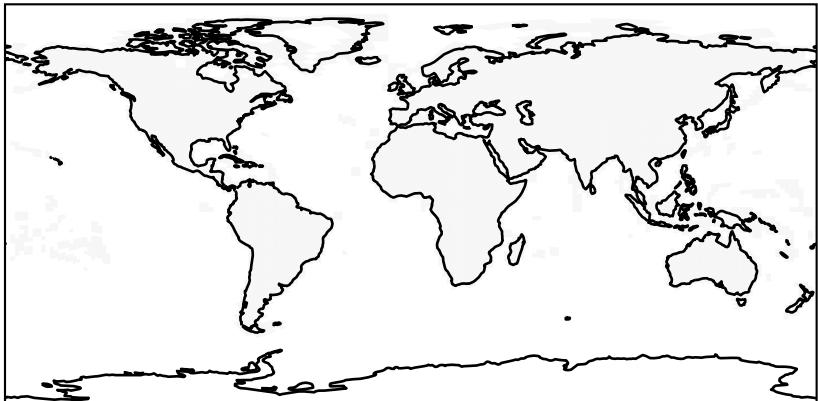
Zero throughout domain
kg/m²/s

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



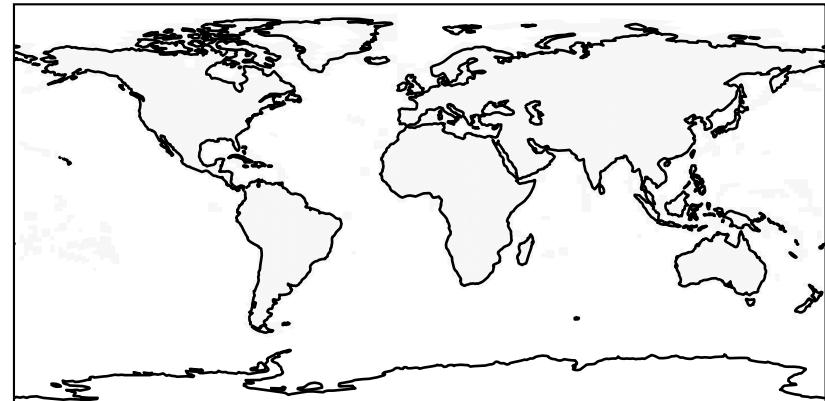
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



0.90 0.96 1.02 1.08
unitless

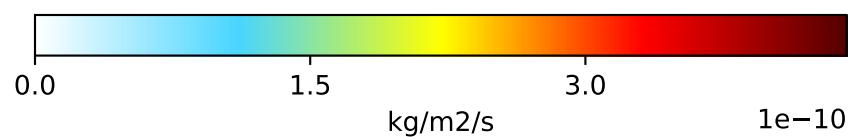
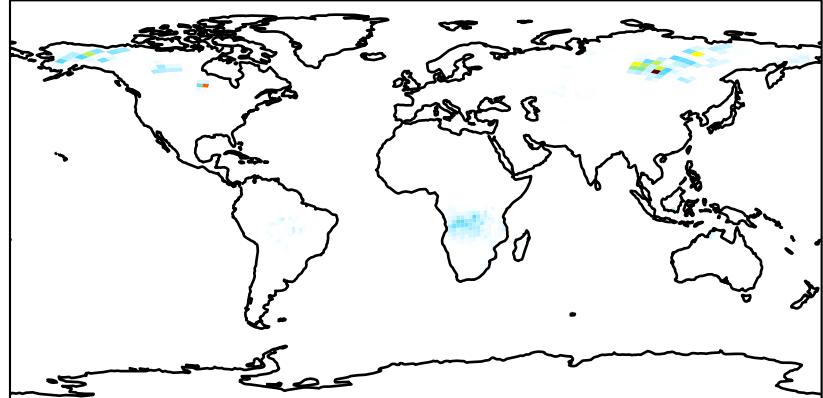
Ratio
Dev/Ref, Fixed Range



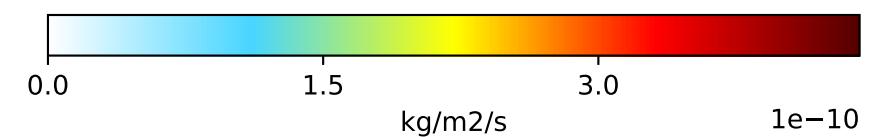
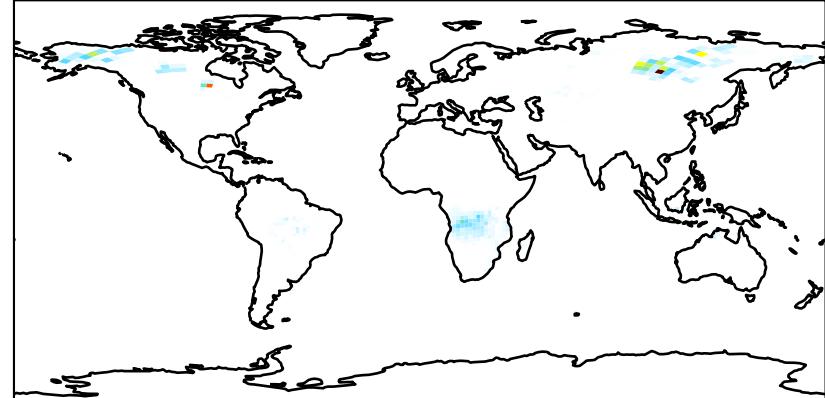
0.50 0.75 1.00 1.50 2.00
unitless

EmisSOAP_BioBurn

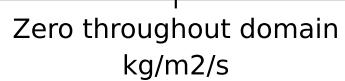
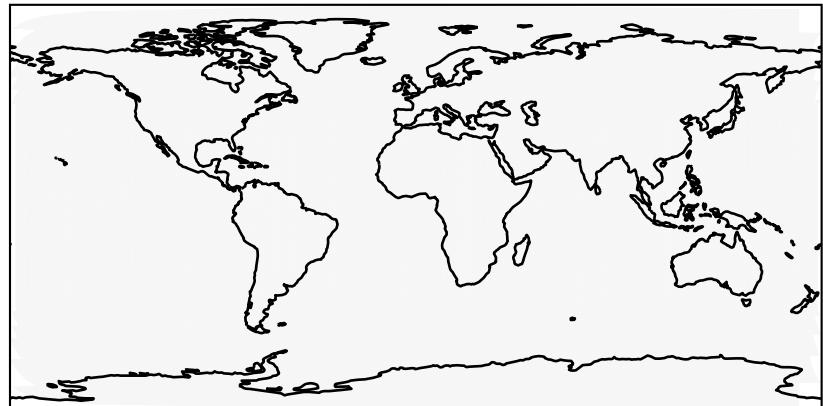
GCHP_13.3.0-rc.1 (Ref)
c48



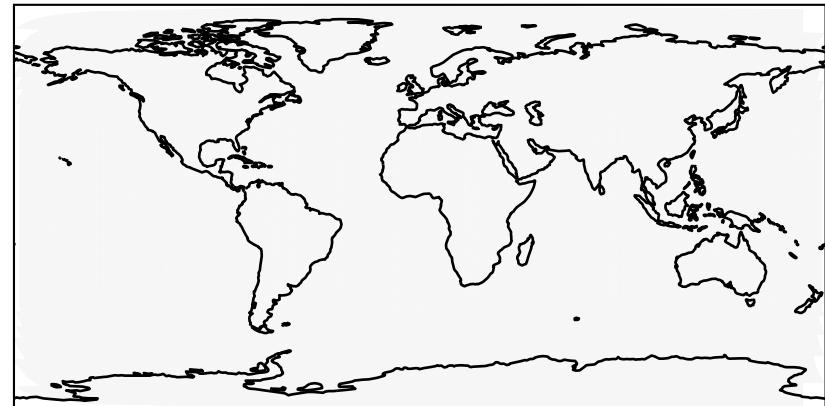
GCHP_13.4.0-rc.4 (Dev)
c48



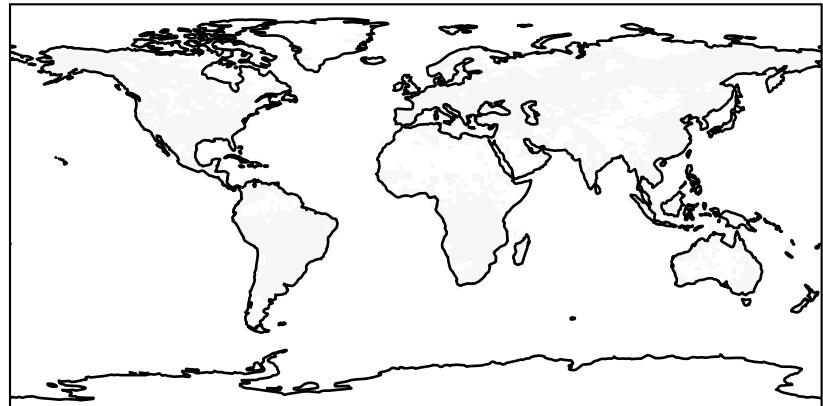
Difference
Dev - Ref, Dynamic Range



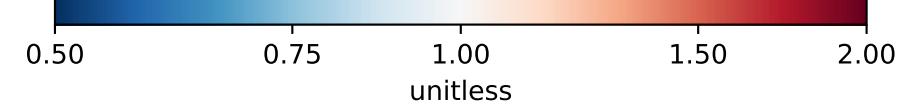
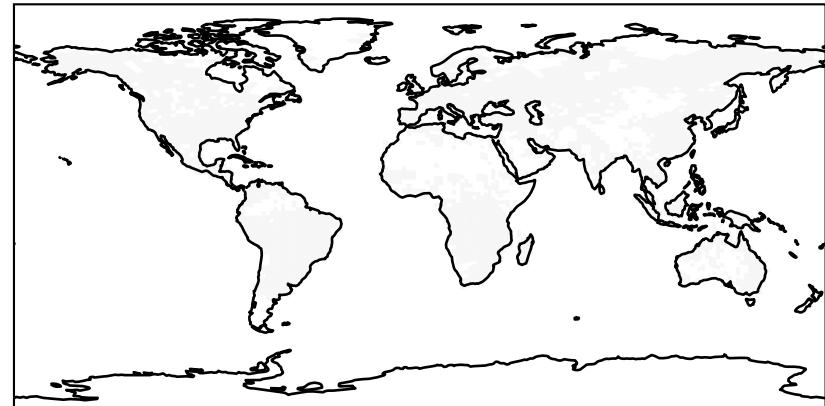
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

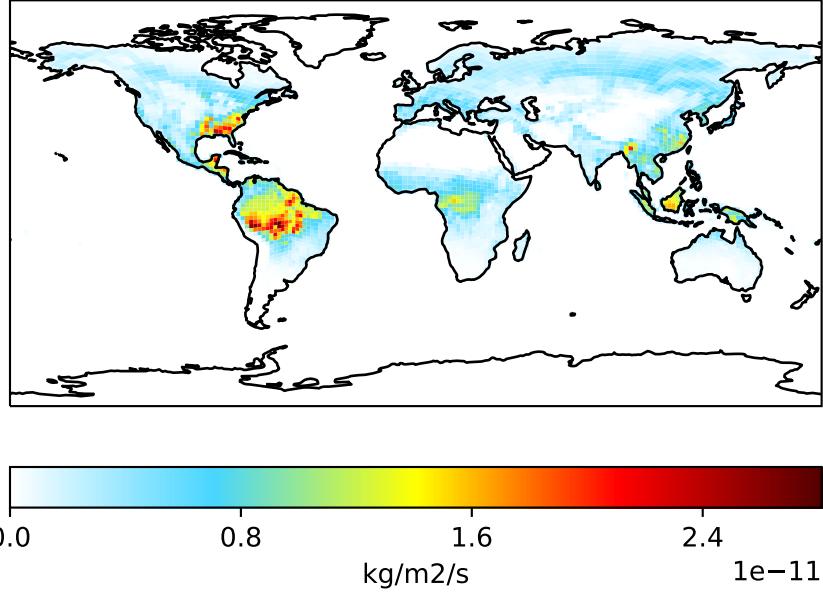


Ratio
Dev/Ref, Fixed Range

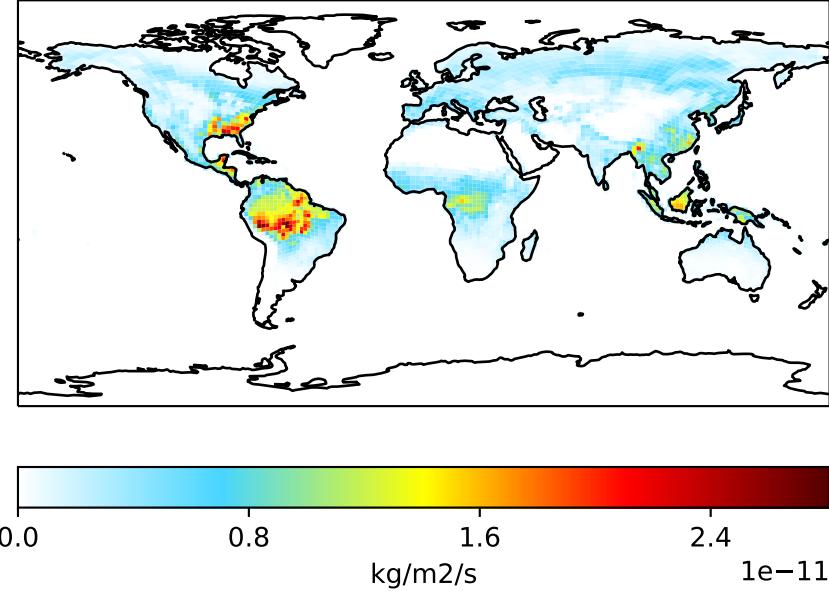


EmisSOAP_Biogenic

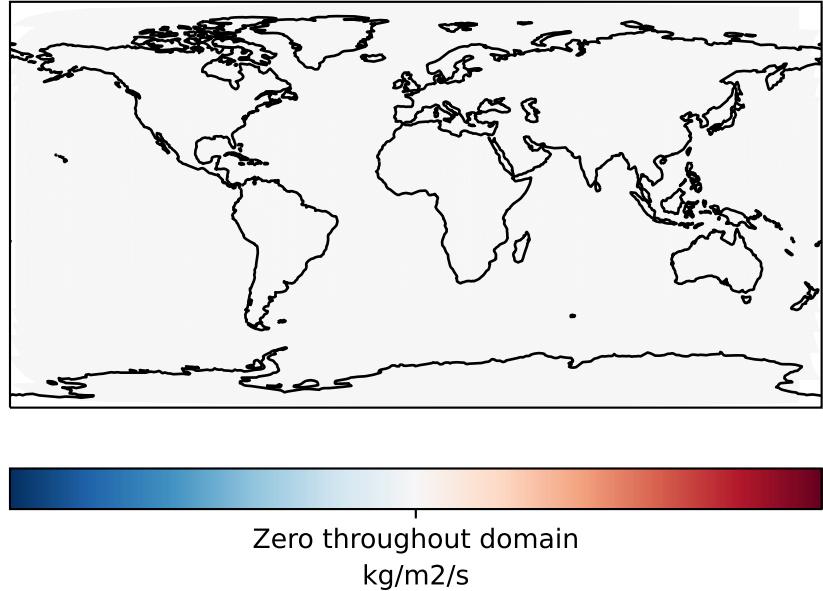
GCHP_13.3.0-rc.1 (Ref)
c48



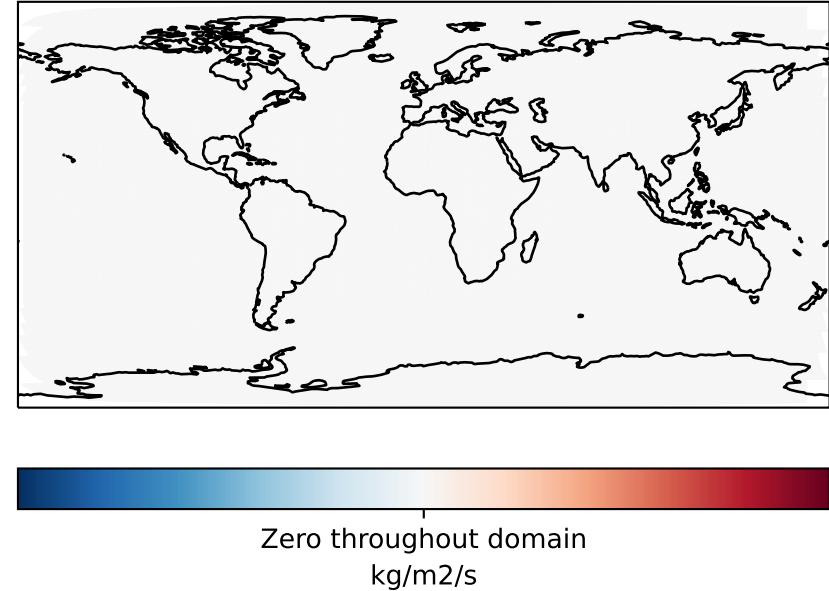
GCHP_13.4.0-rc.4 (Dev)
c48



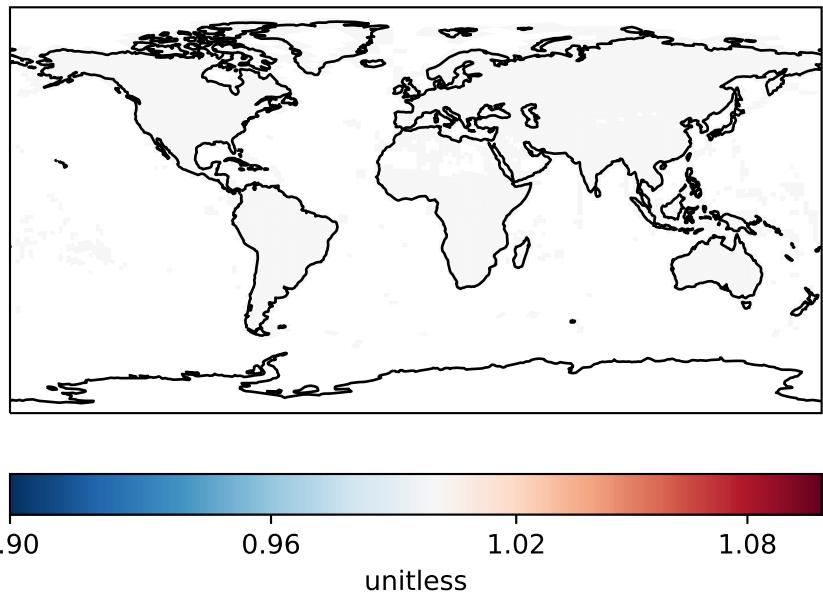
Difference
Dev - Ref, Dynamic Range



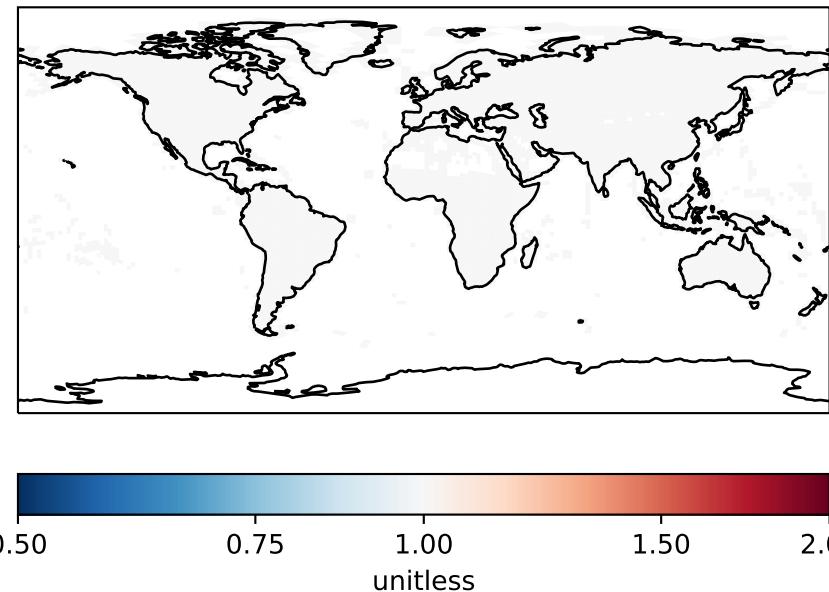
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

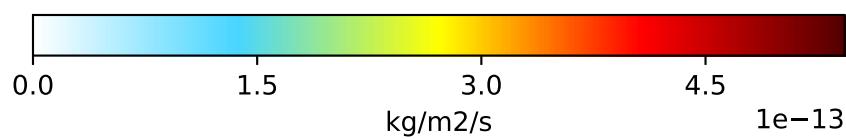


Ratio
Dev/Ref, Fixed Range

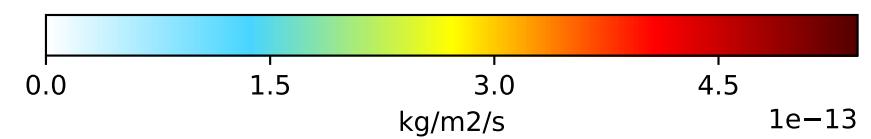
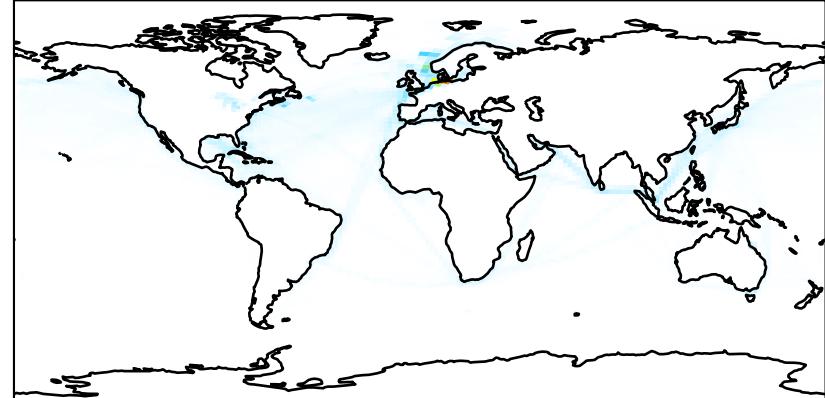


EmisSOAP_Ship

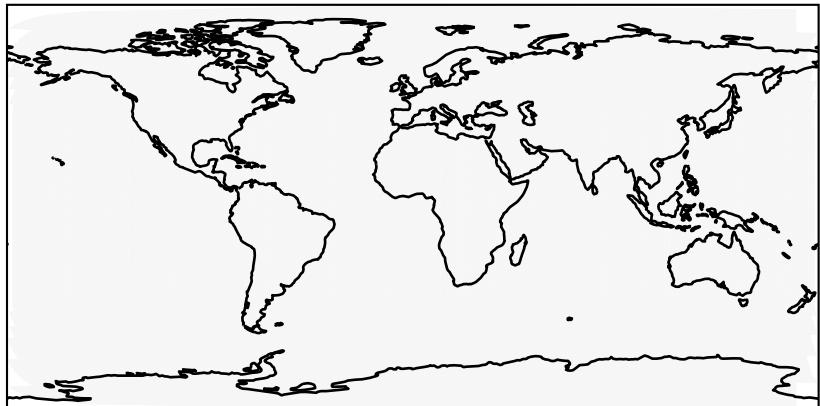
GCHP_13.3.0-rc.1 (Ref)
c48



GCHP_13.4.0-rc.4 (Dev)
c48

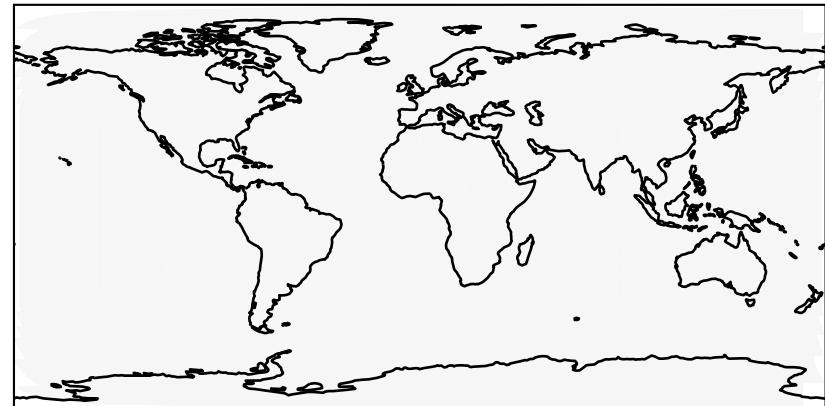


Difference
Dev - Ref, Dynamic Range



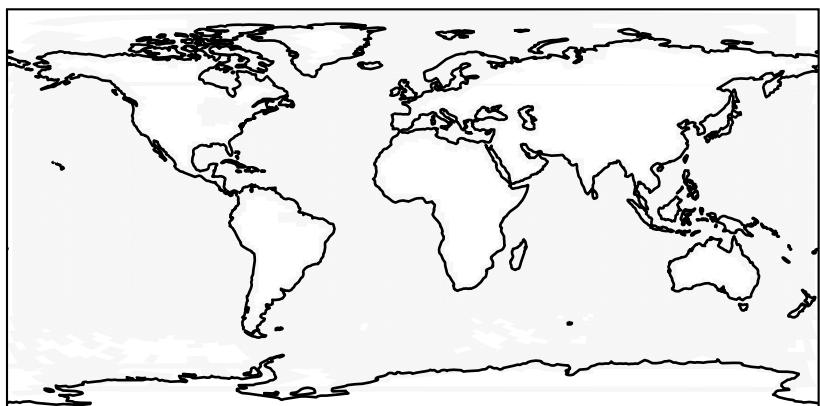
Zero throughout domain
kg/m²/s

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



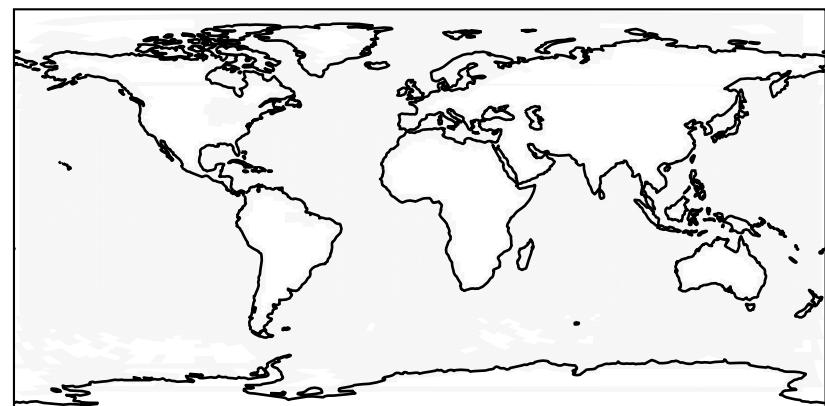
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



0.90 0.96 1.02 1.08
unitless

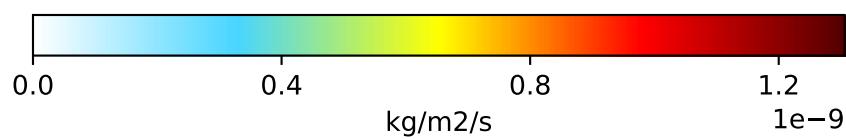
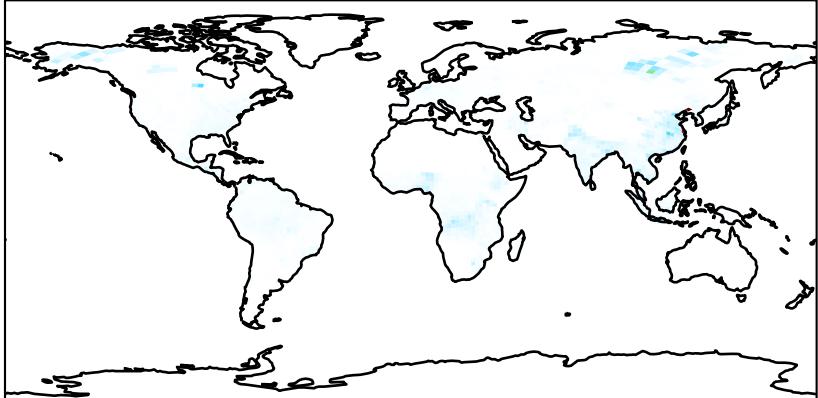
Ratio
Dev/Ref, Fixed Range



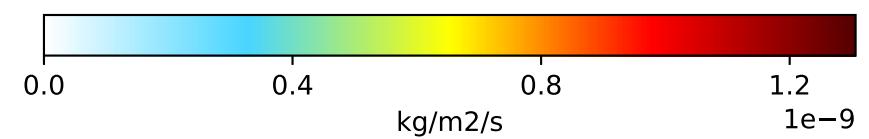
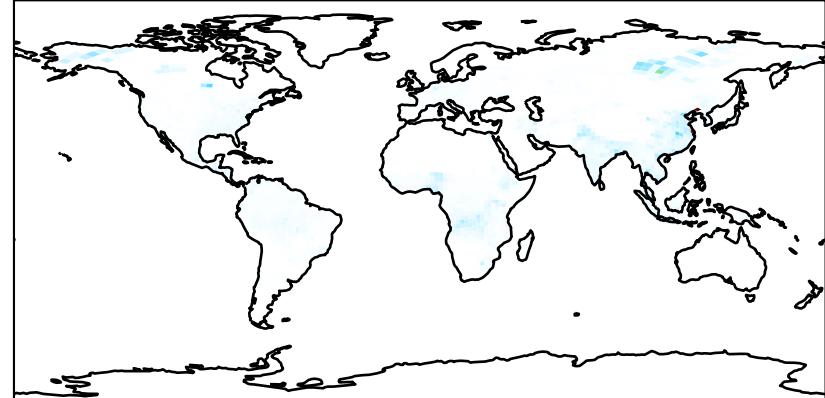
0.50 0.75 1.00 1.50 2.00
unitless

EmisSOAP_Total

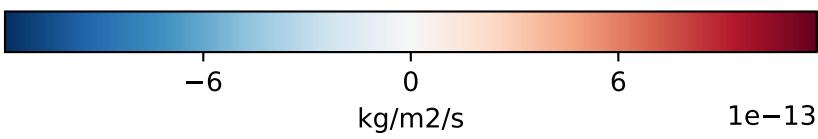
GCHP_13.3.0-rc.1 (Ref)
c48



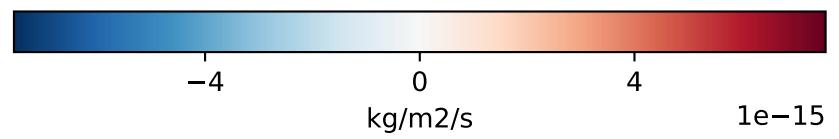
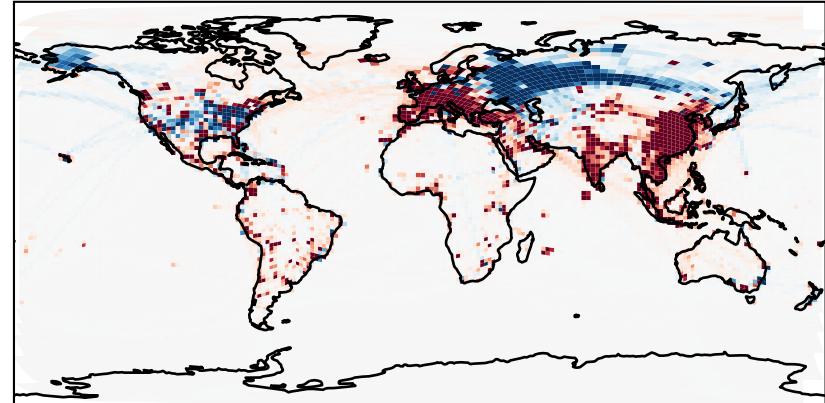
GCHP_13.4.0-rc.4 (Dev)
c48



Difference
Dev - Ref, Dynamic Range



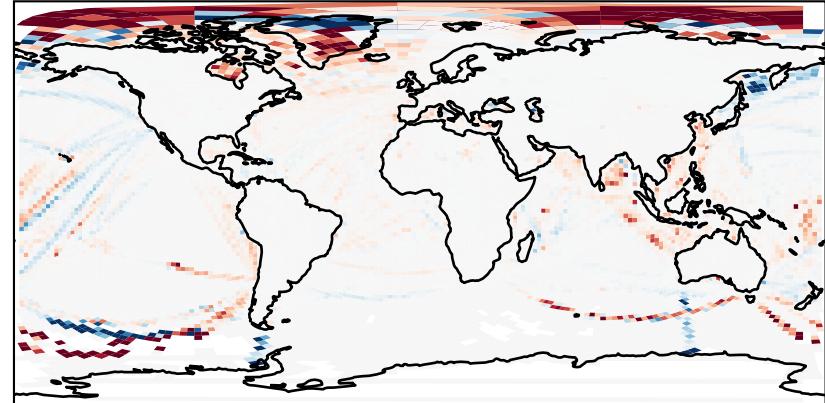
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

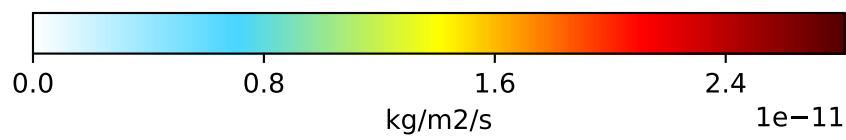
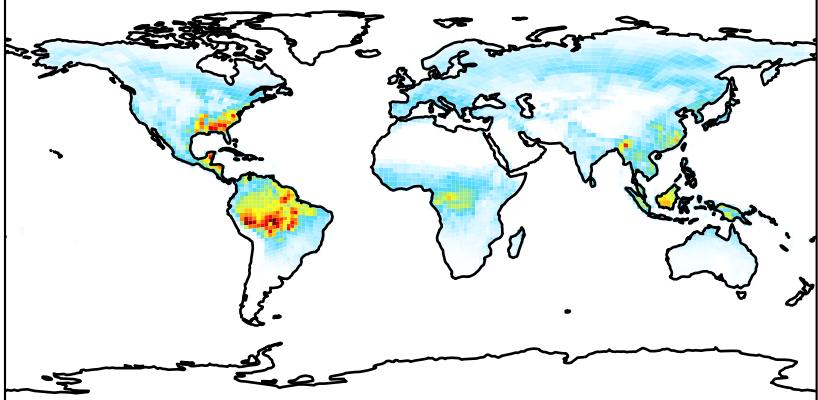


Ratio
Dev/Ref, Fixed Range

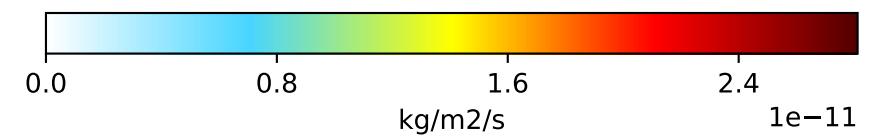
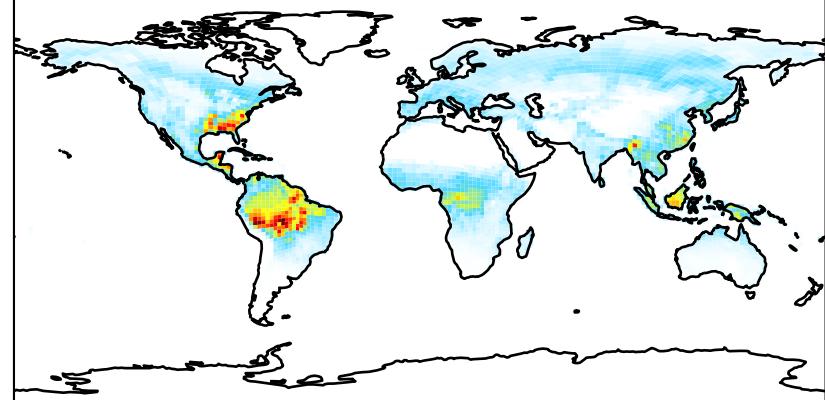


EmisSOAS_Biogenic

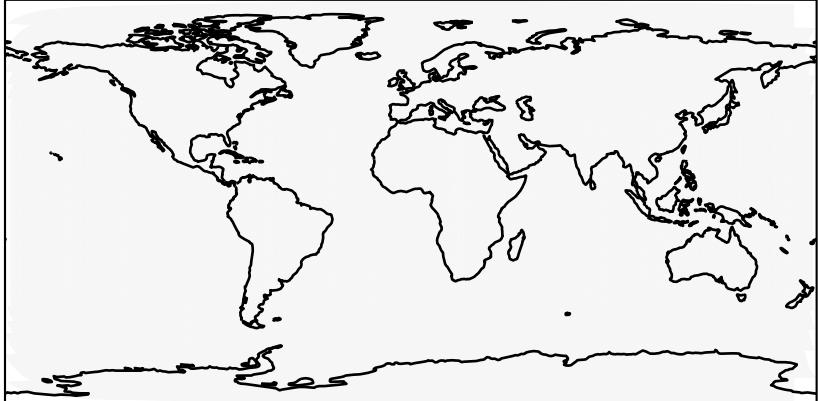
GCHP_13.3.0-rc.1 (Ref)
c48



GCHP_13.4.0-rc.4 (Dev)
c48

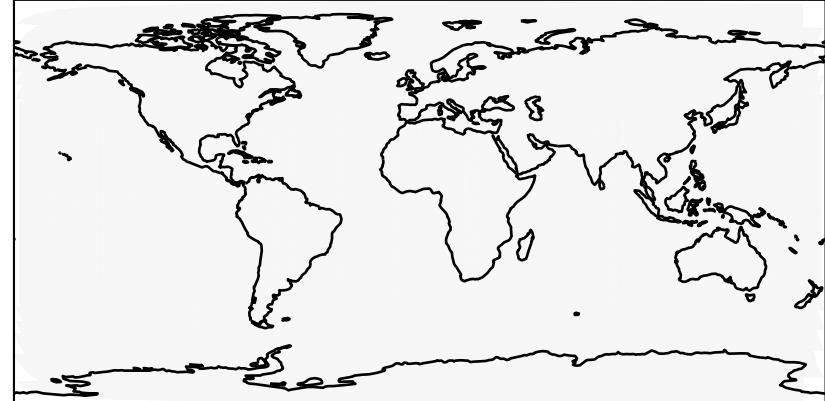


Difference
Dev - Ref, Dynamic Range



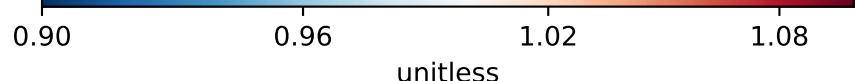
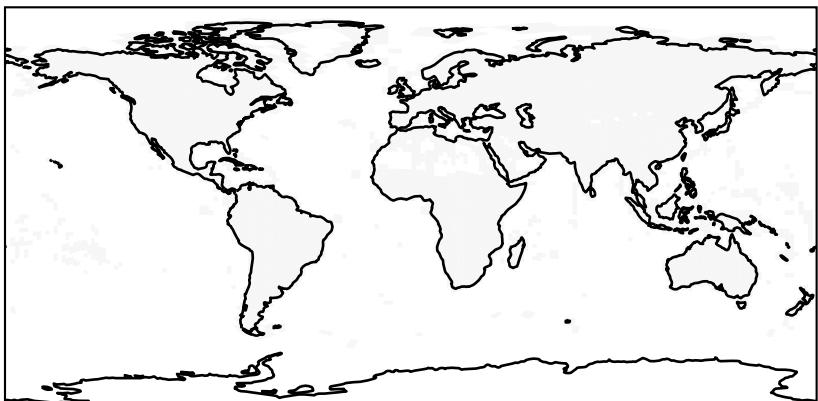
Zero throughout domain
kg/m²/s

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



Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

