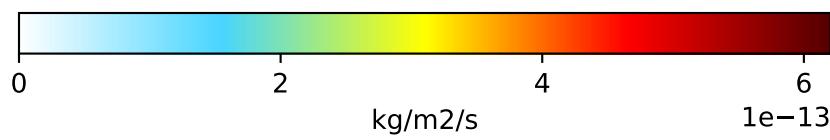
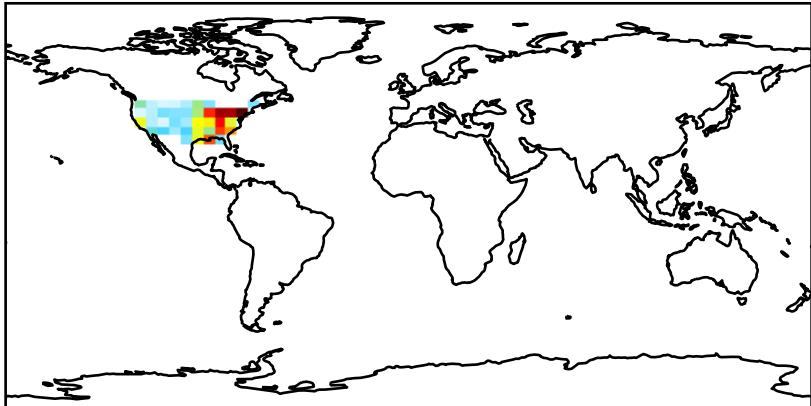
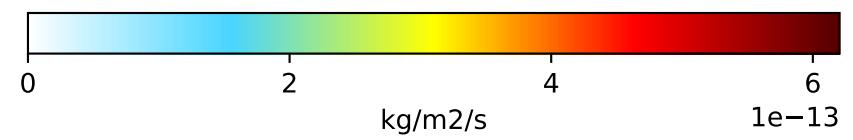
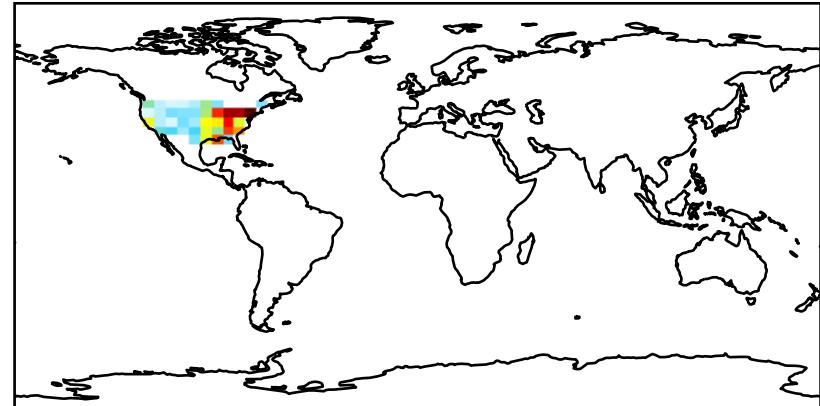


# EmisHNO2\_Anthro

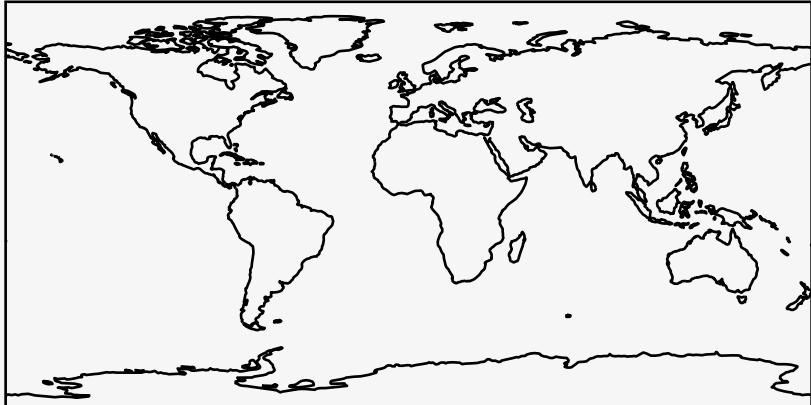
GC\_12.7.0-rc.1 (Ref)  
4x5



GC\_12.7.0-rc.2 (Dev)  
4x5

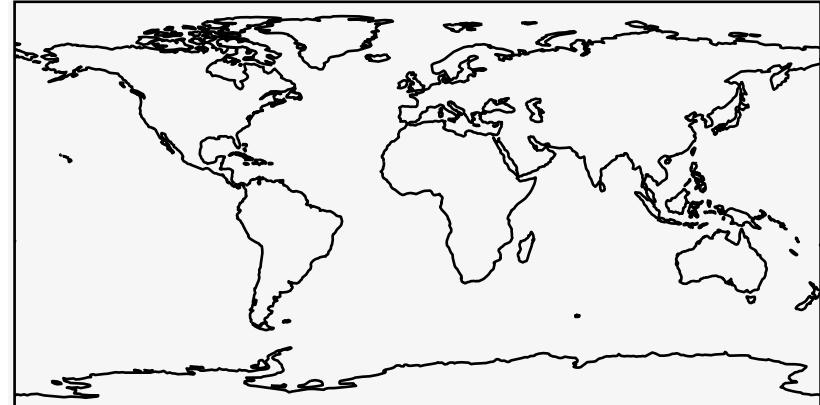


Difference  
Dev - Ref, Dynamic Range



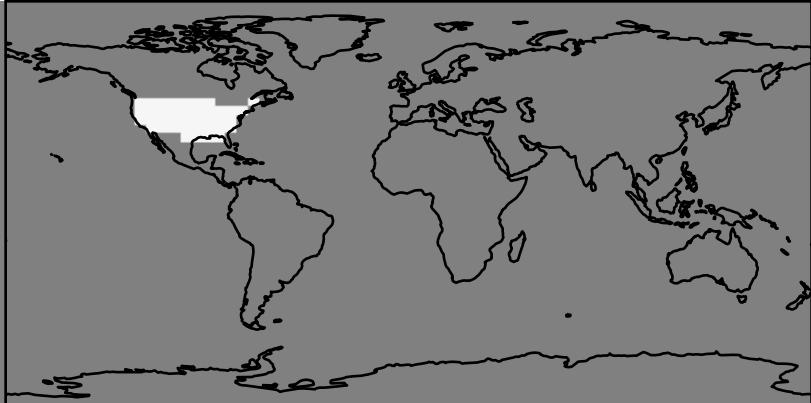
Zero throughout domain  
kg/m<sup>2</sup>/s

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



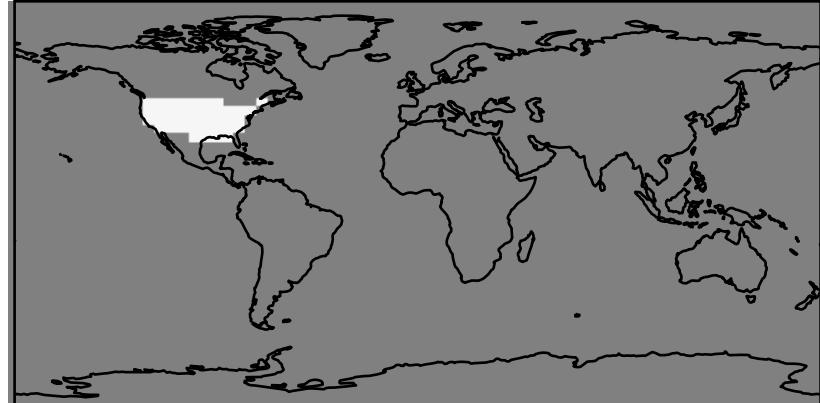
Zero throughout domain  
kg/m<sup>2</sup>/s

Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range



Zero throughout domain  
unitless

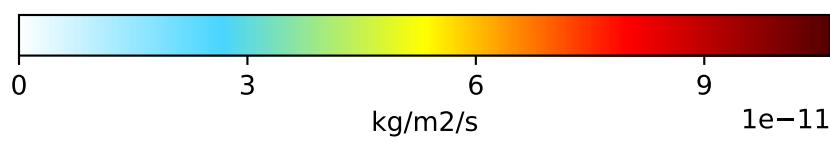
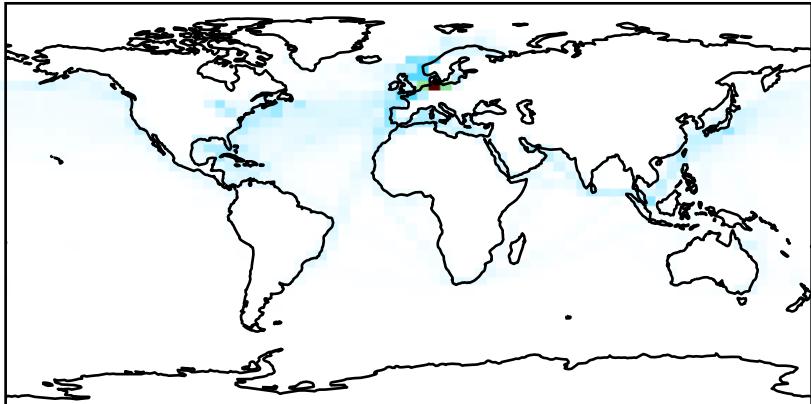
Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



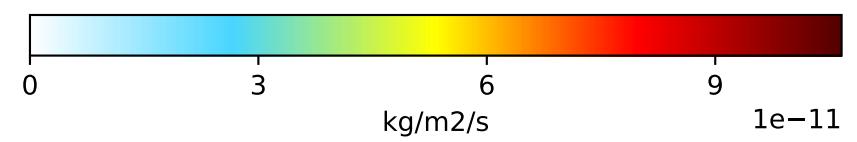
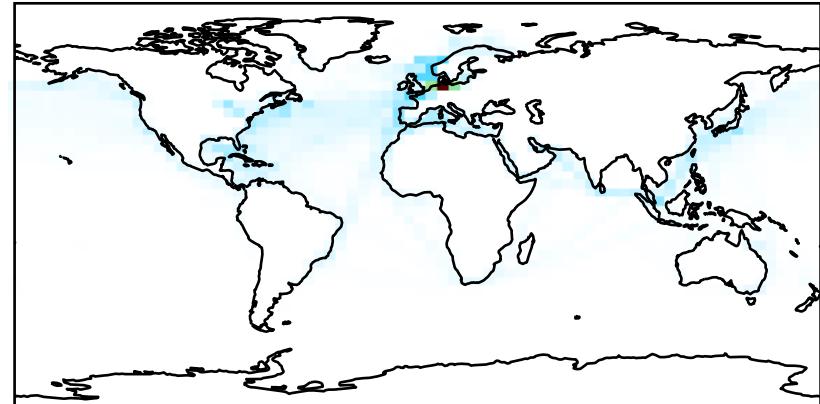
Zero throughout domain  
unitless

# EmisHNO3\_Ship

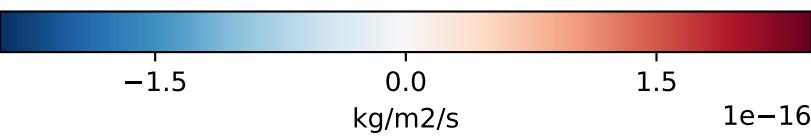
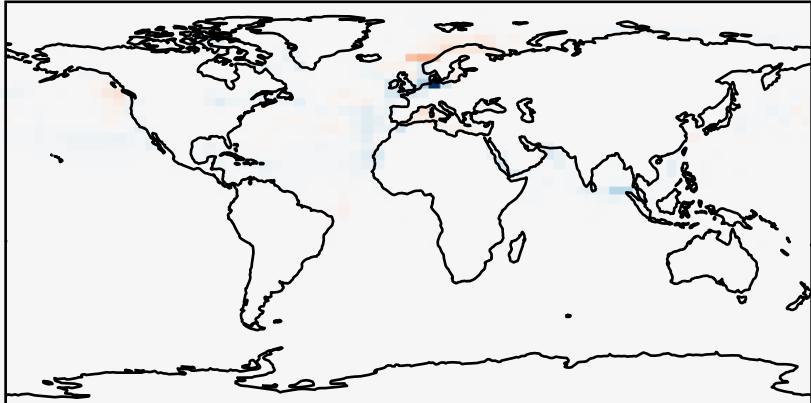
GC\_12.7.0-rc.1 (Ref)  
4x5



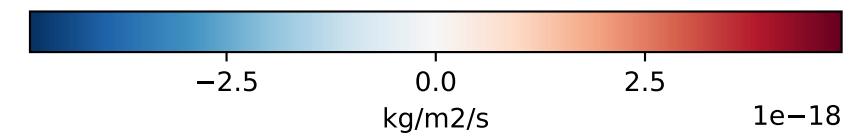
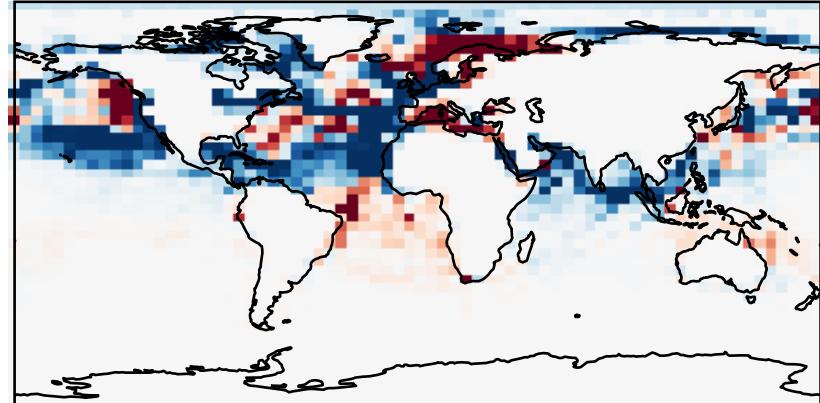
GC\_12.7.0-rc.2 (Dev)  
4x5



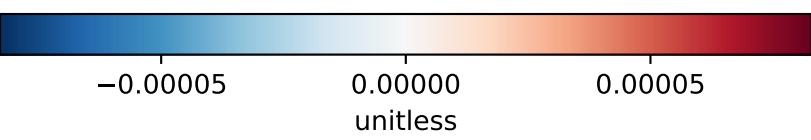
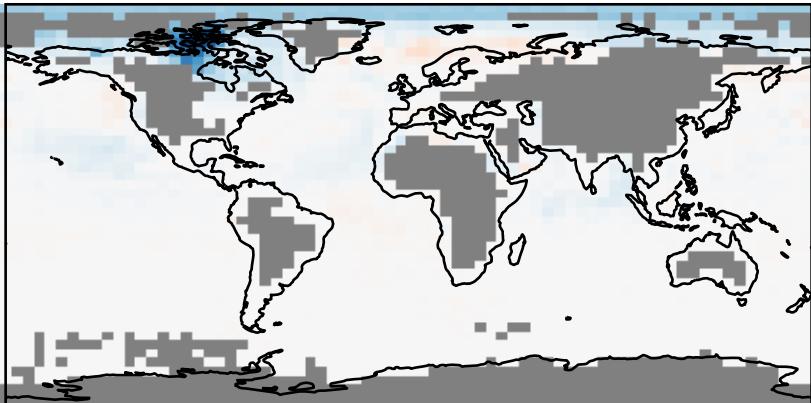
Difference  
Dev - Ref, Dynamic Range



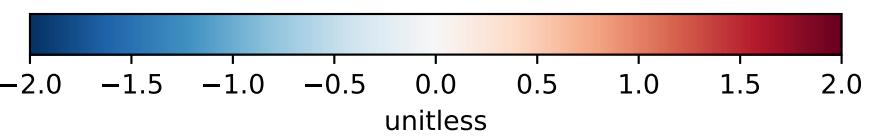
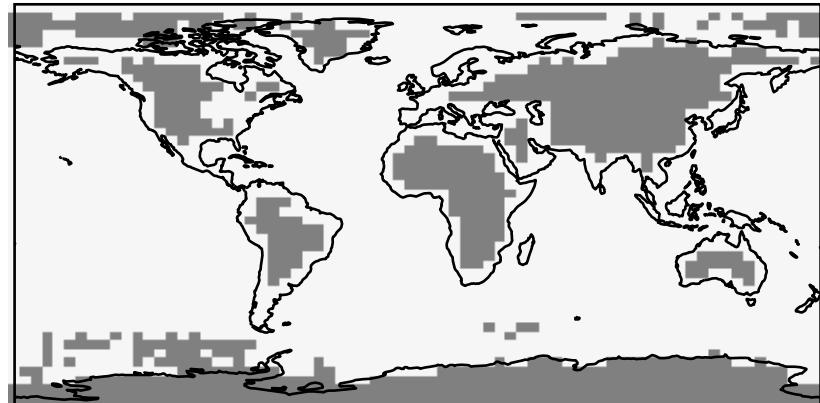
Difference  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range

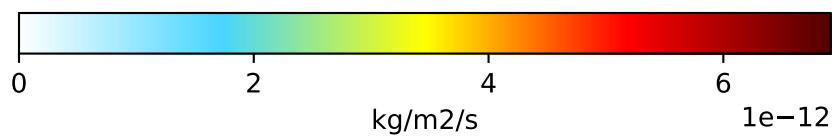
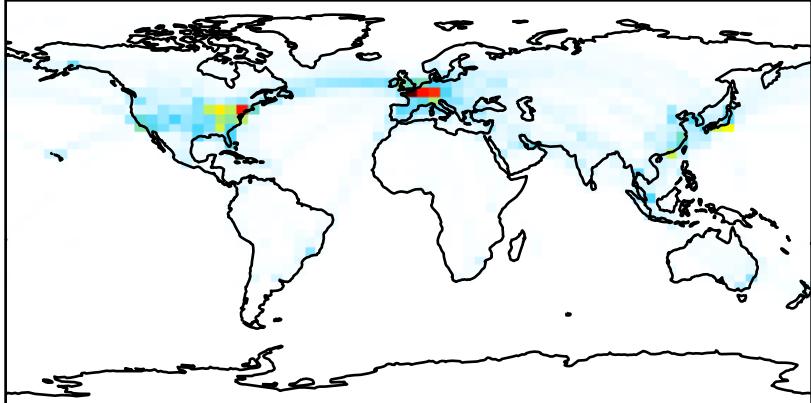


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

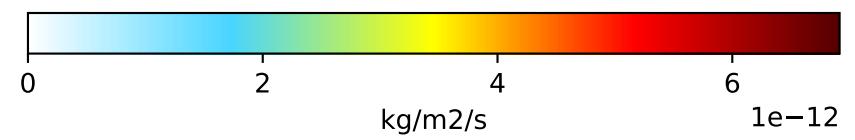
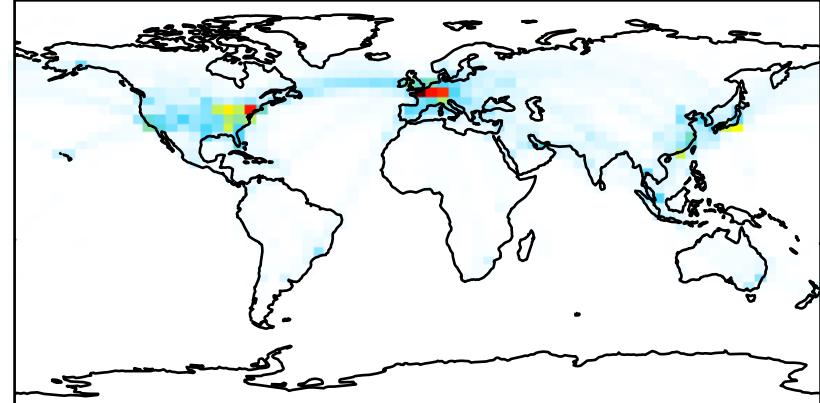


# EmisNO\_Aircraft

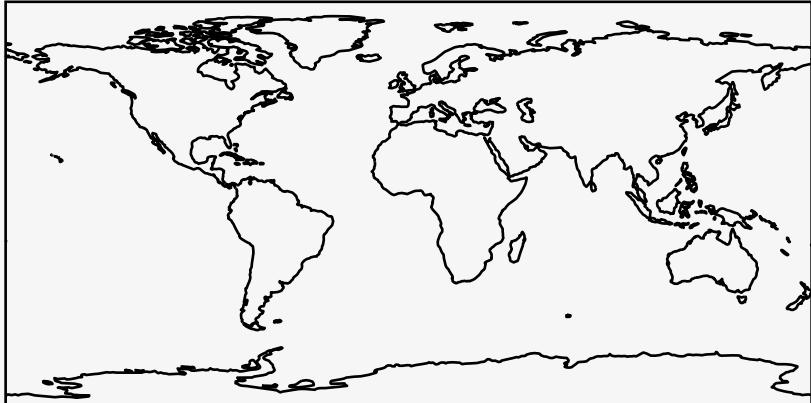
GC\_12.7.0-rc.1 (Ref)  
4x5



GC\_12.7.0-rc.2 (Dev)  
4x5

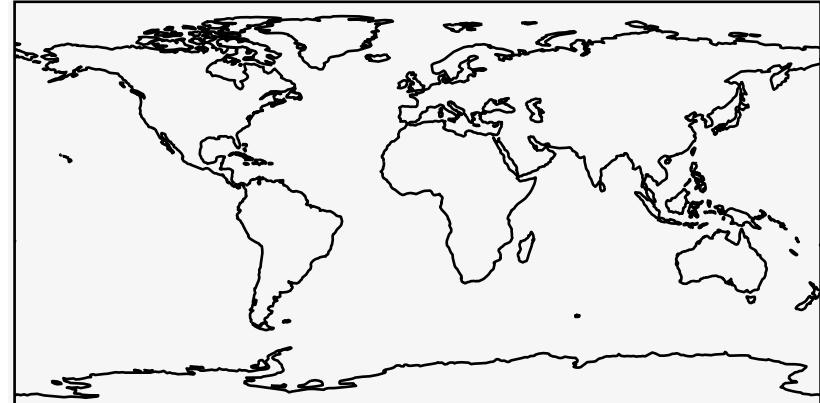


Difference  
Dev - Ref, Dynamic Range



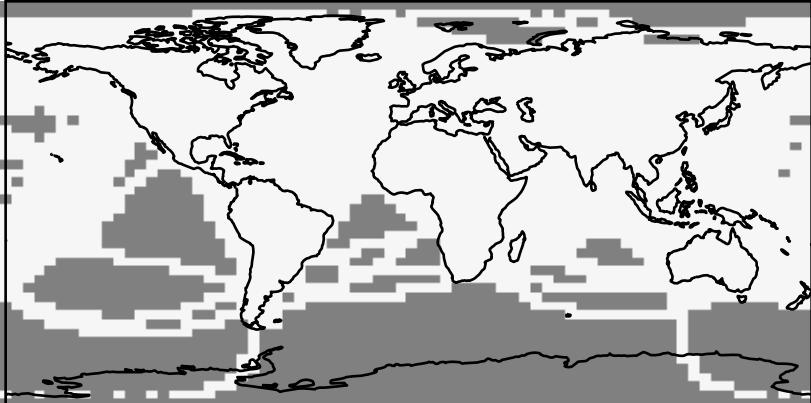
Zero throughout domain  
kg/m<sup>2</sup>/s

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



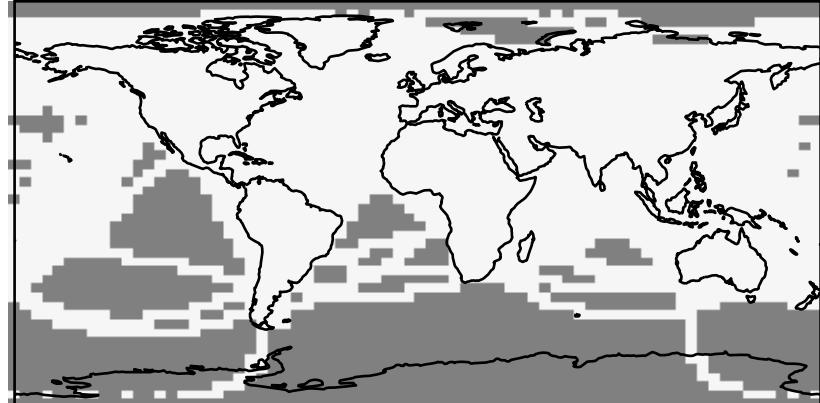
Zero throughout domain  
kg/m<sup>2</sup>/s

Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range



Zero throughout domain  
unitless

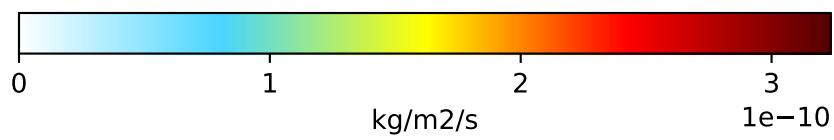
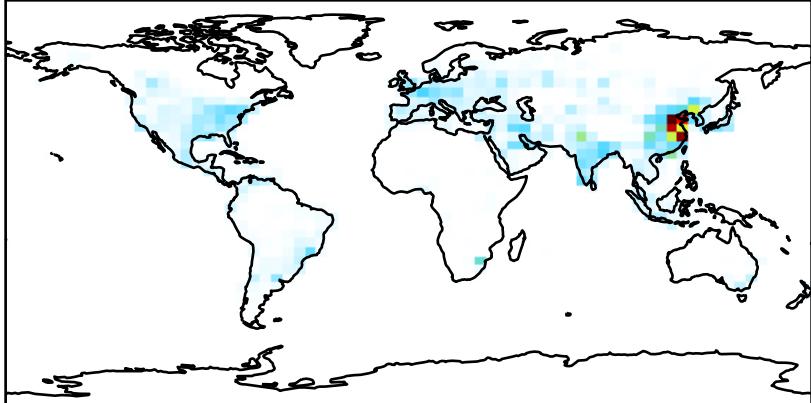
Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



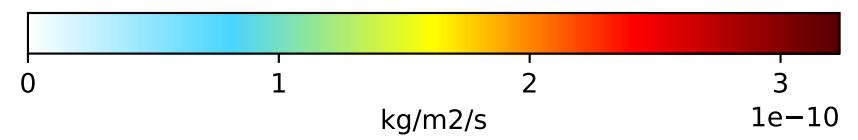
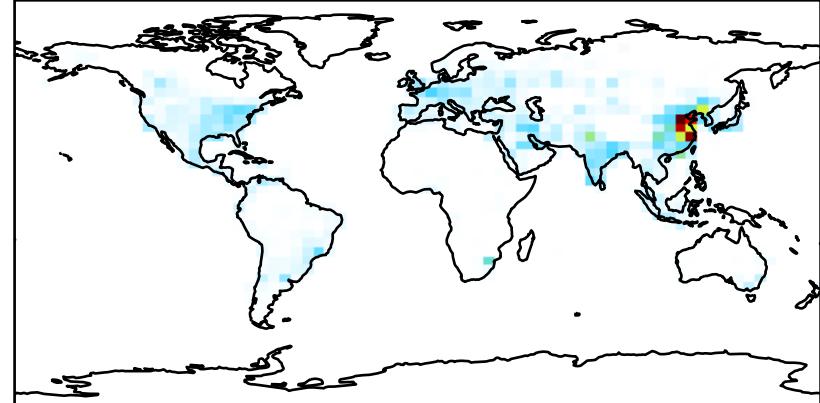
Zero throughout domain  
unitless

# EmisNO\_Anthro

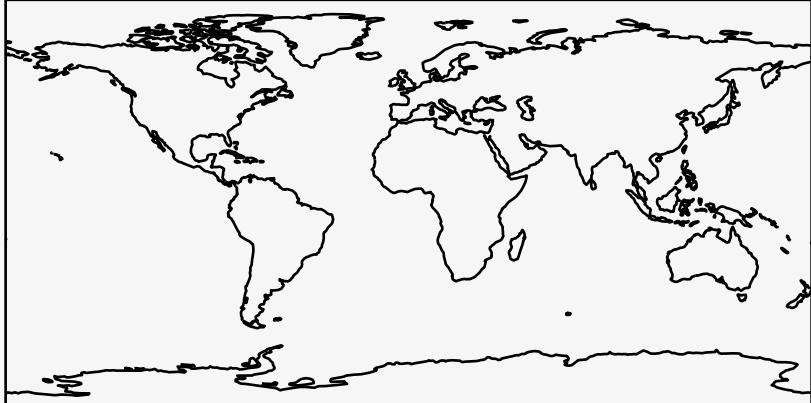
GC\_12.7.0-rc.1 (Ref)  
4x5



GC\_12.7.0-rc.2 (Dev)  
4x5

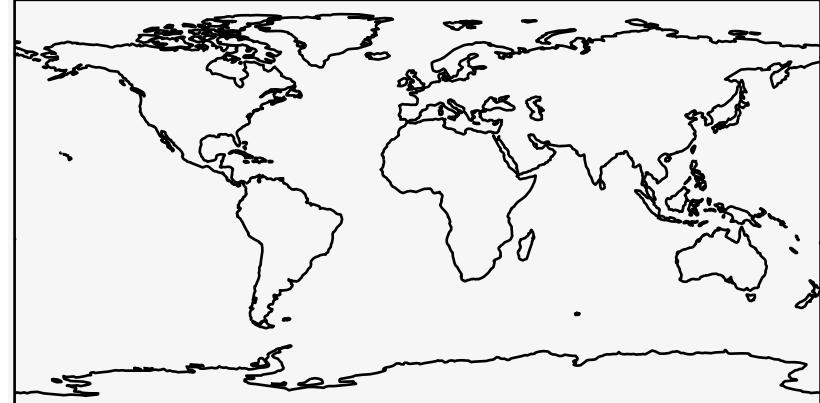


Difference  
Dev - Ref, Dynamic Range



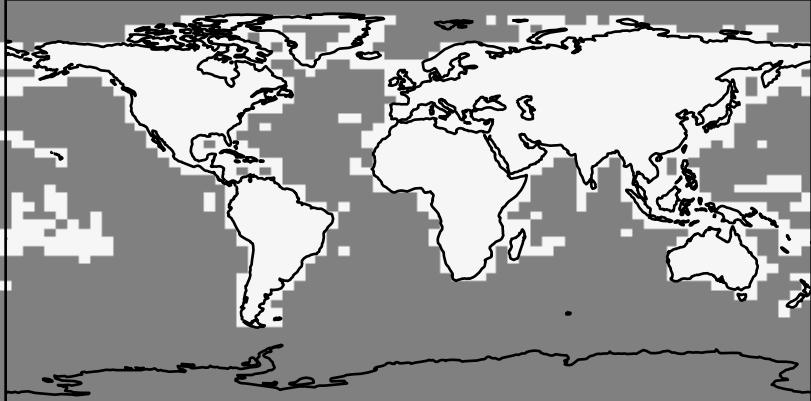
Zero throughout domain  
kg/m<sup>2</sup>/s

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



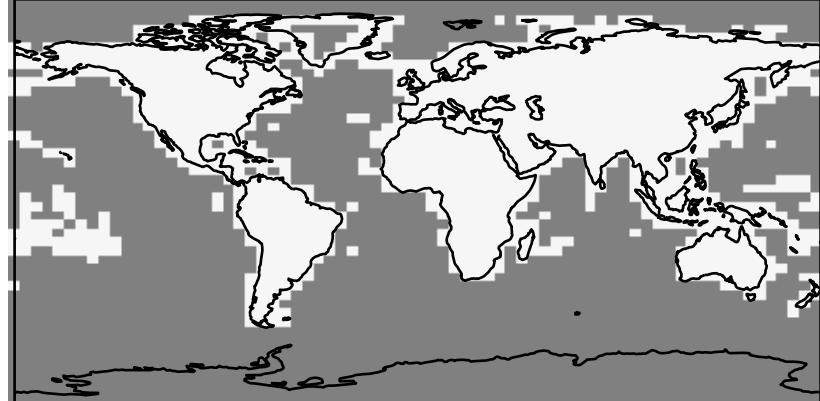
Zero throughout domain  
kg/m<sup>2</sup>/s

Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range



Zero throughout domain  
unitless

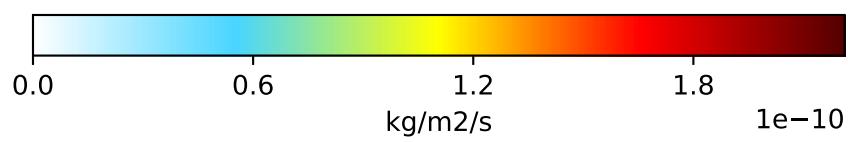
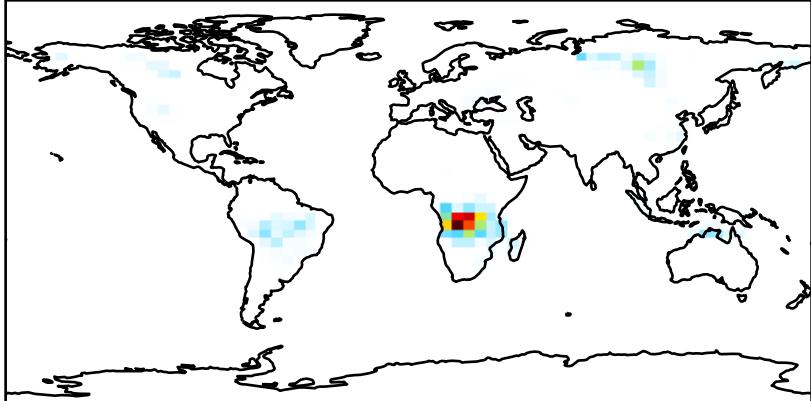
Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



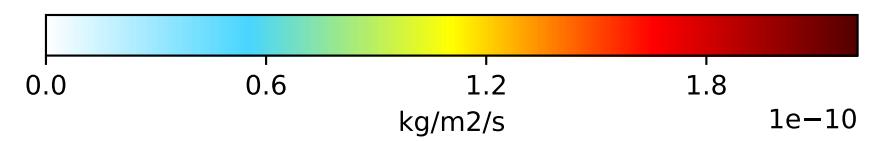
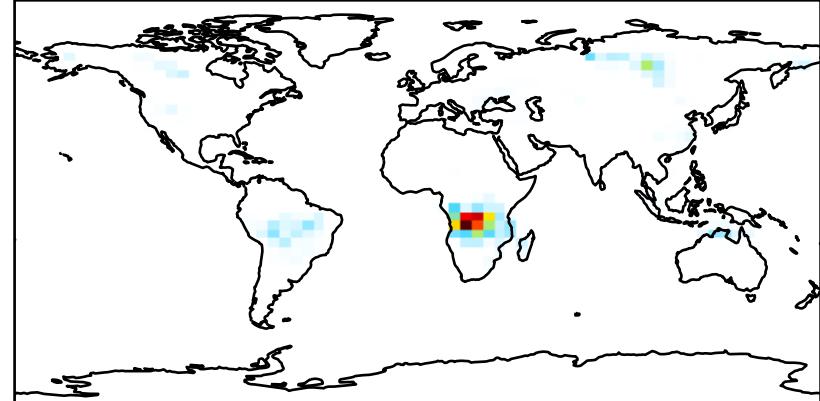
Zero throughout domain  
unitless

# EmisNO\_BioBurn

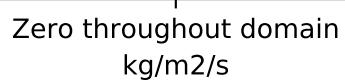
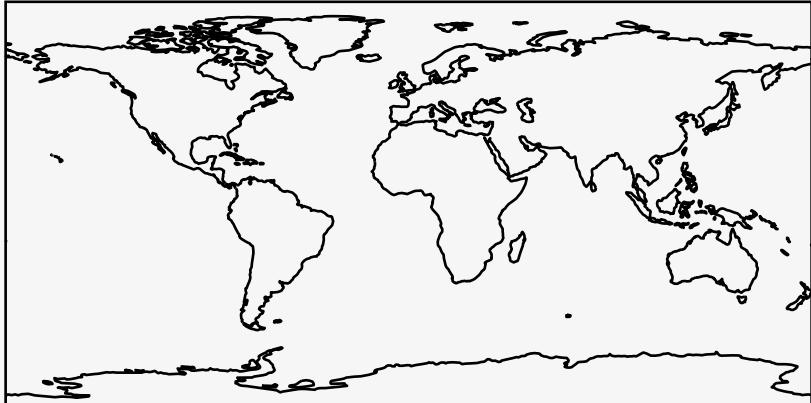
GC\_12.7.0-rc.1 (Ref)  
4x5



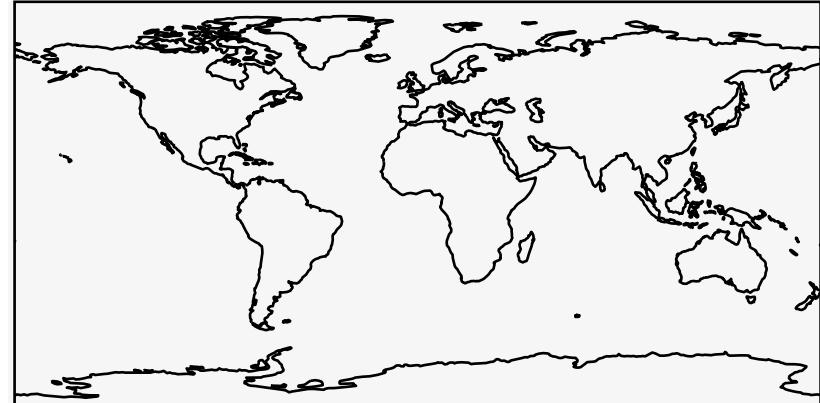
GC\_12.7.0-rc.2 (Dev)  
4x5



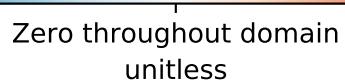
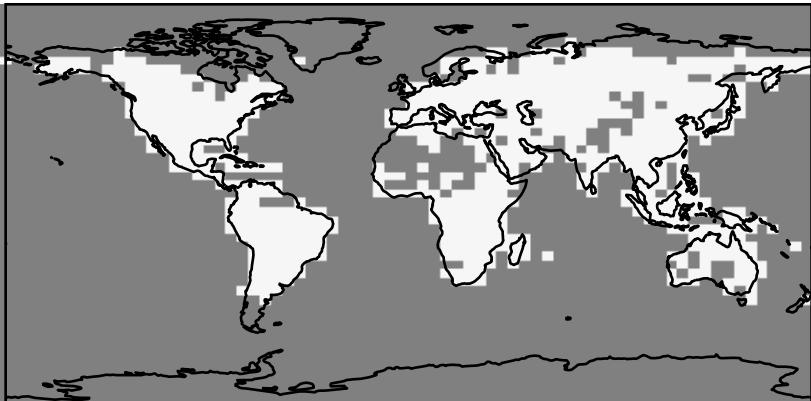
Difference  
Dev - Ref, Dynamic Range



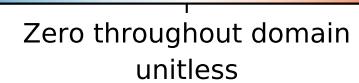
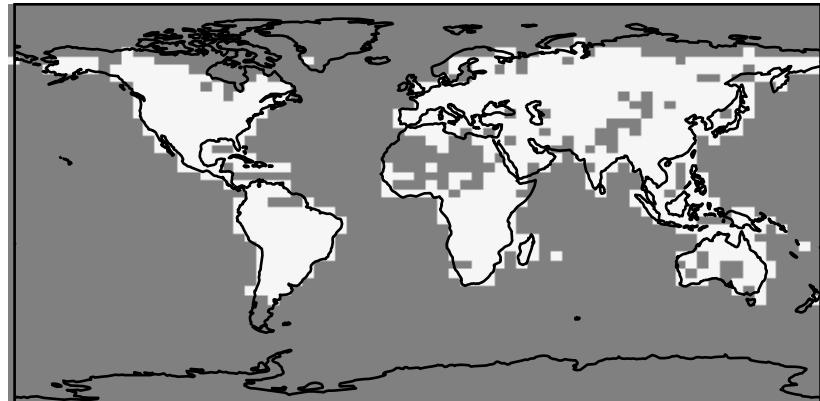
Difference  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range

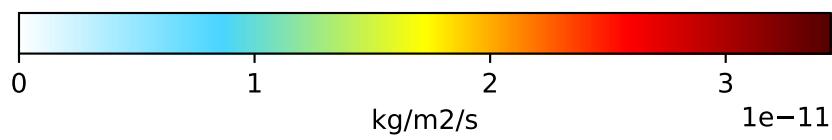
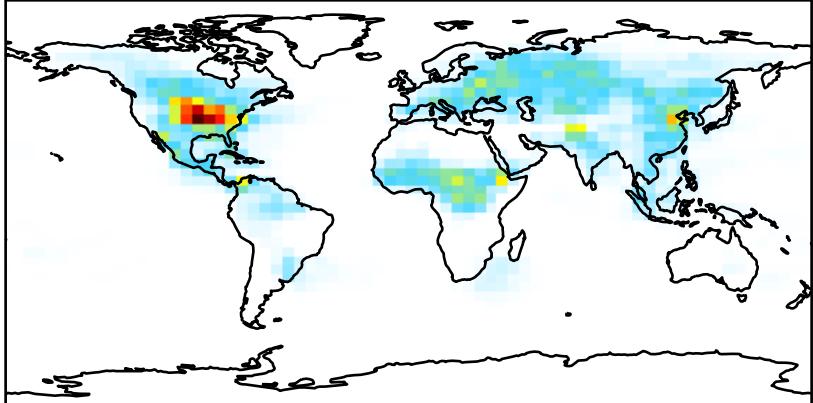


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

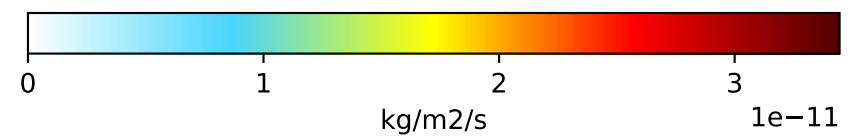
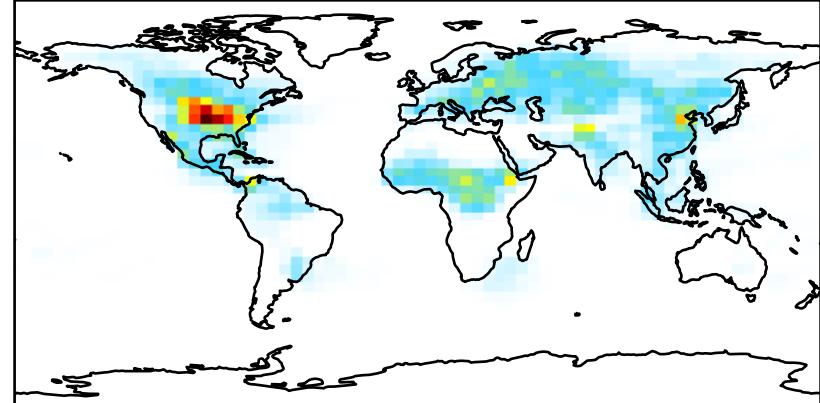


# EmisNO\_Lightning

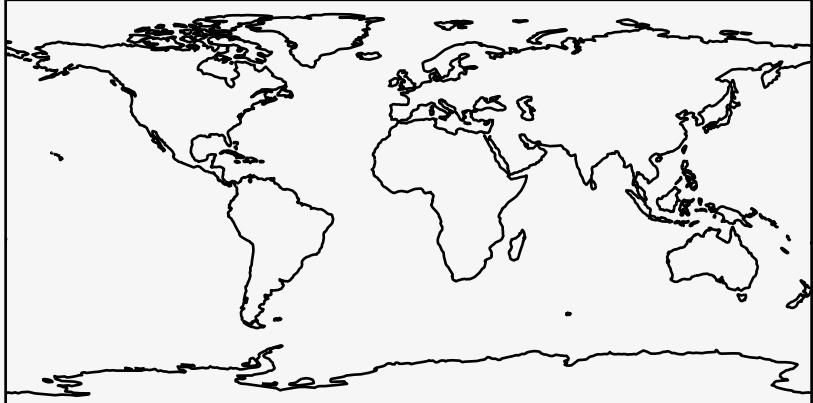
GC\_12.7.0-rc.1 (Ref)  
4x5



GC\_12.7.0-rc.2 (Dev)  
4x5

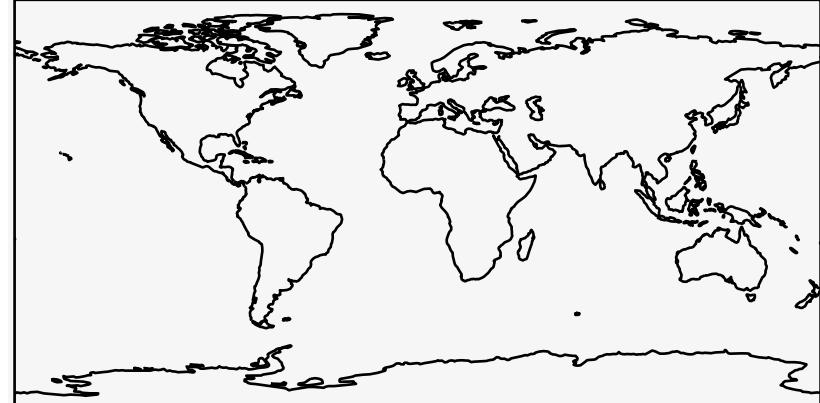


Difference  
Dev - Ref, Dynamic Range



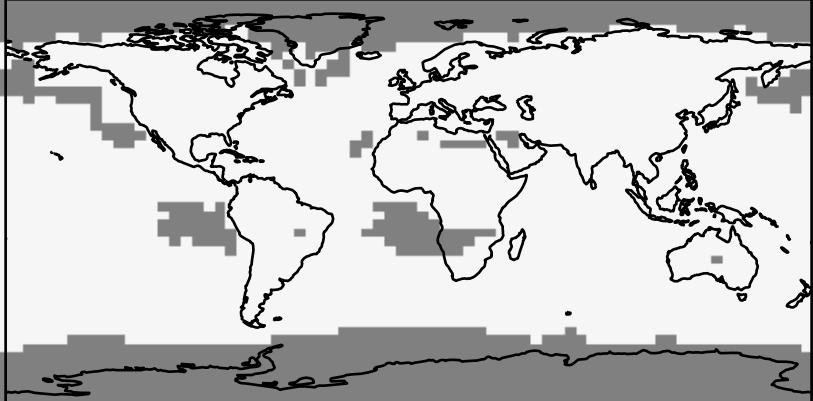
Zero throughout domain  
kg/m<sup>2</sup>/s

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



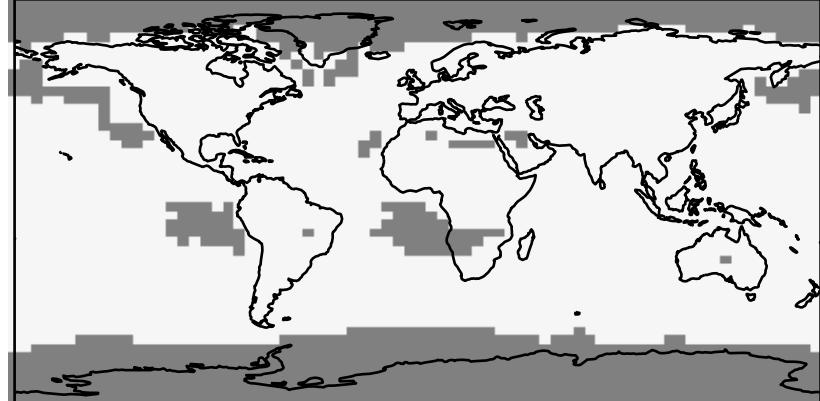
Zero throughout domain  
kg/m<sup>2</sup>/s

Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range



Zero throughout domain  
unitless

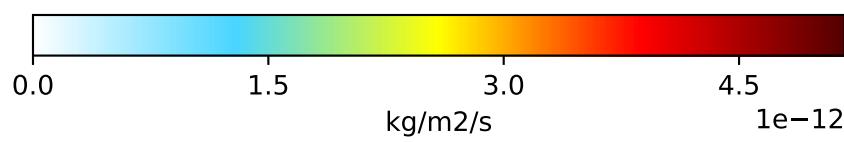
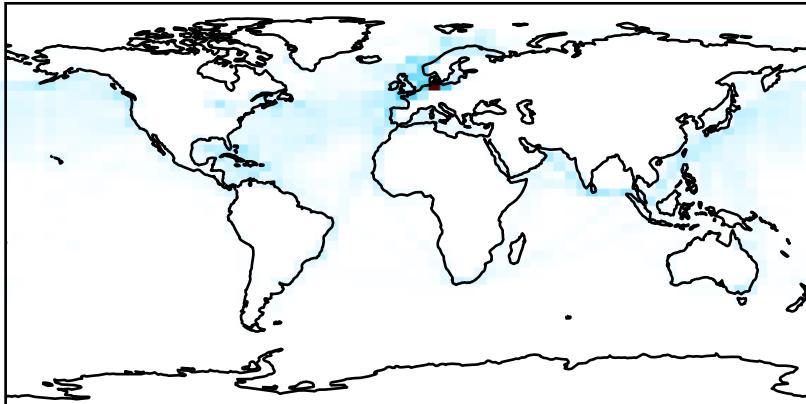
Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



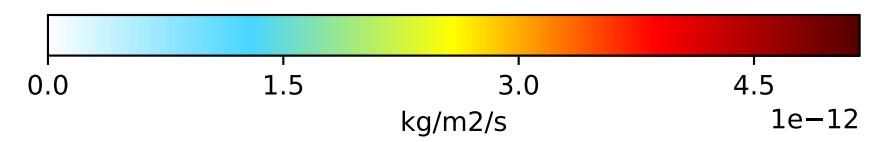
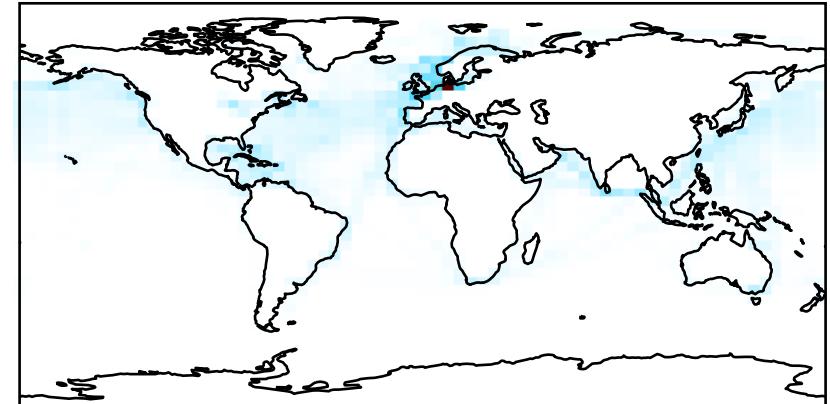
Zero throughout domain  
unitless

# EmisNO\_Ship

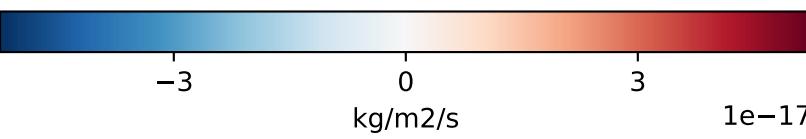
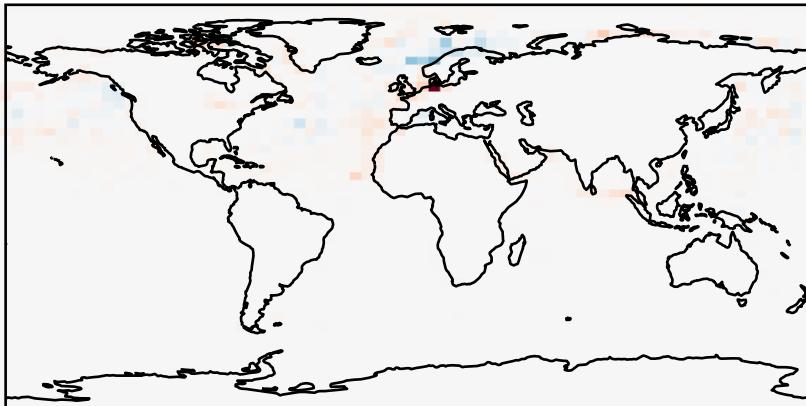
GC\_12.7.0-rc.1 (Ref)  
4x5



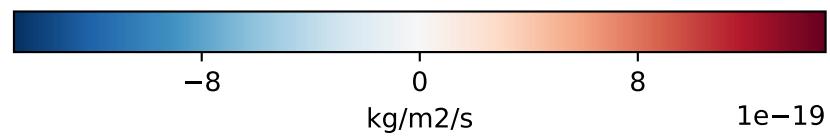
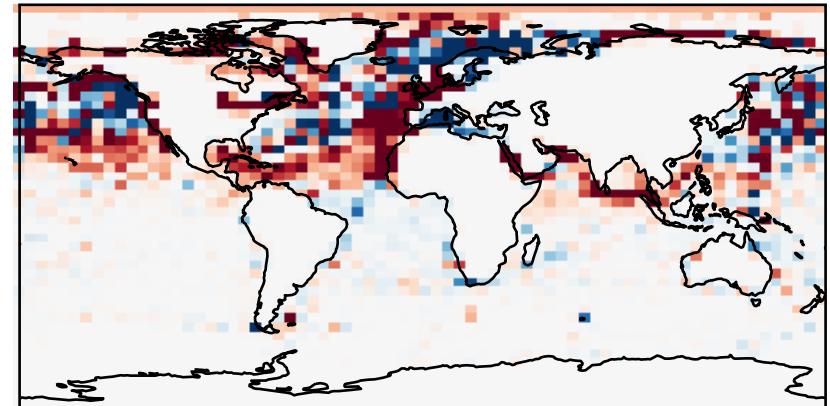
GC\_12.7.0-rc.2 (Dev)  
4x5



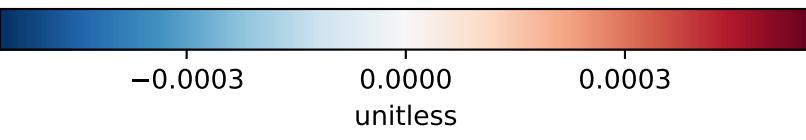
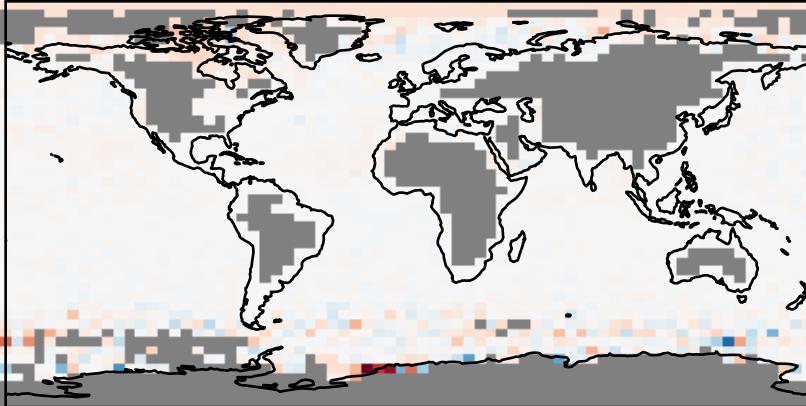
Difference  
Dev - Ref, Dynamic Range



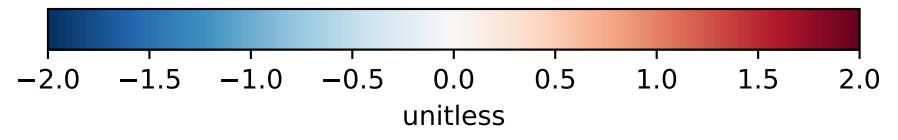
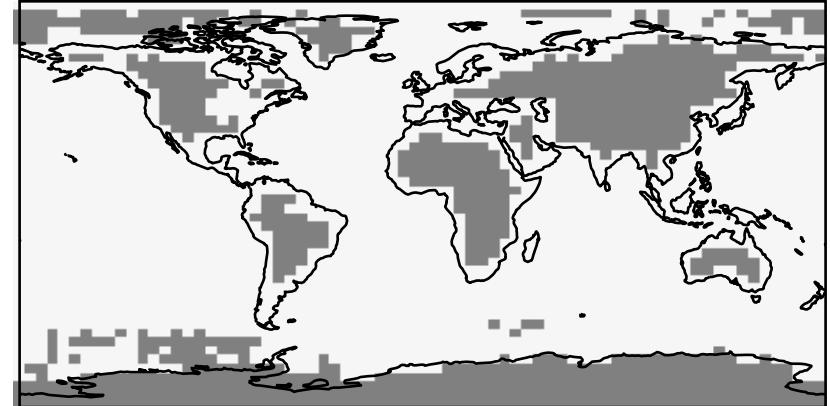
Difference  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range

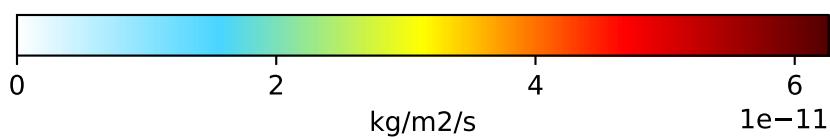
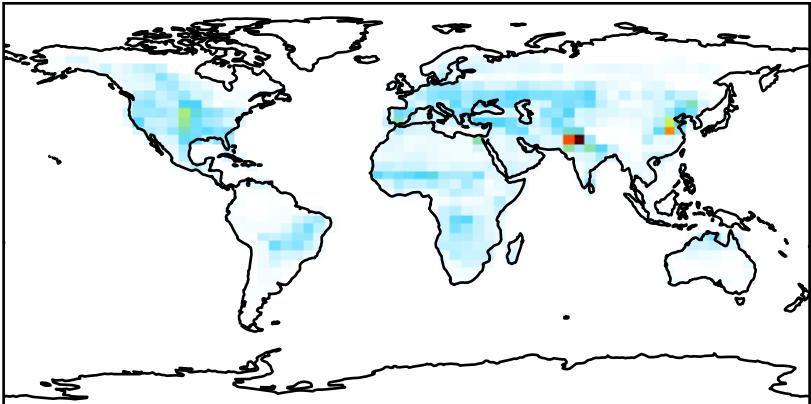


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

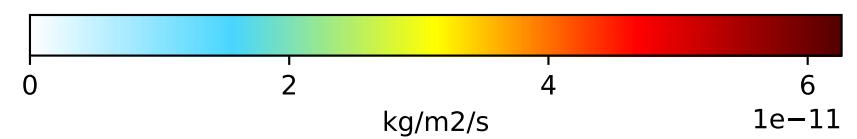
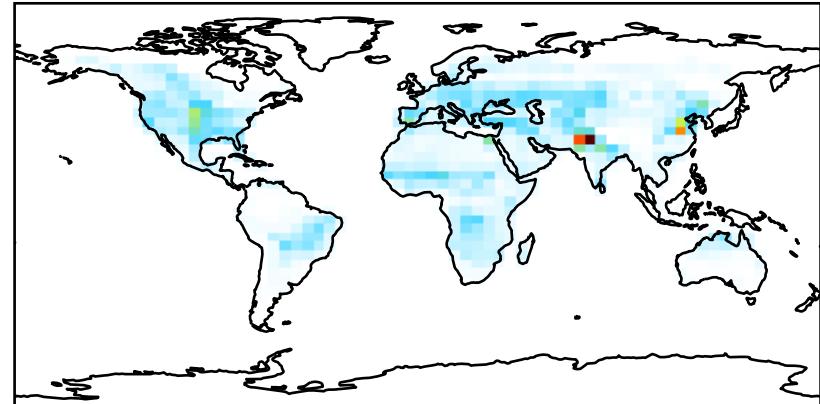


# EmisNO\_Soil

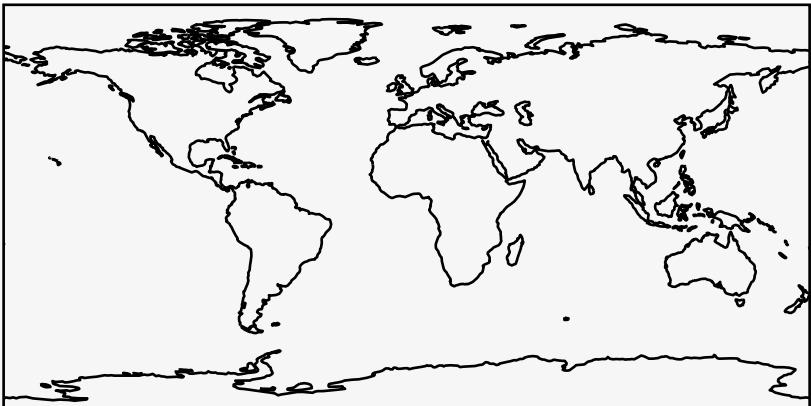
GC\_12.7.0-rc.1 (Ref)  
4x5



GC\_12.7.0-rc.2 (Dev)  
4x5

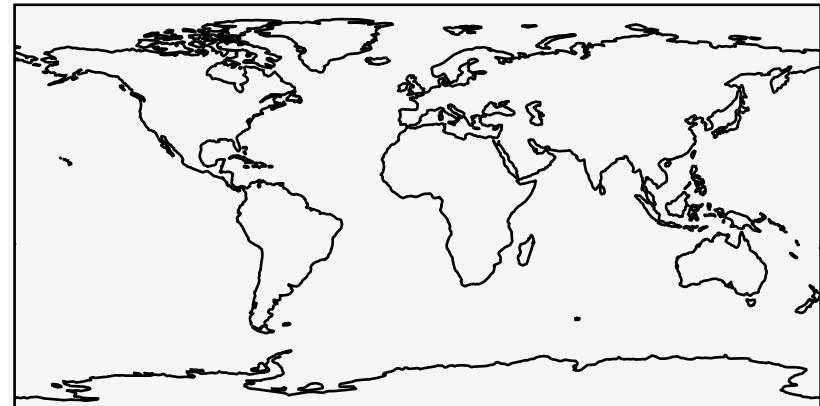


Difference  
Dev - Ref, Dynamic Range



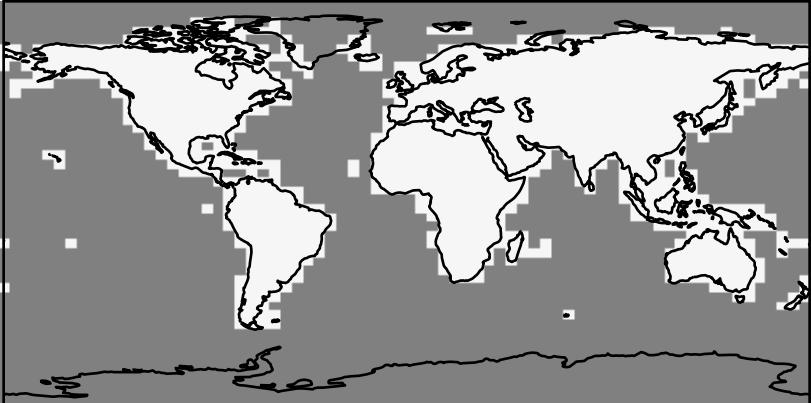
Zero throughout domain  
kg/m<sup>2</sup>/s

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



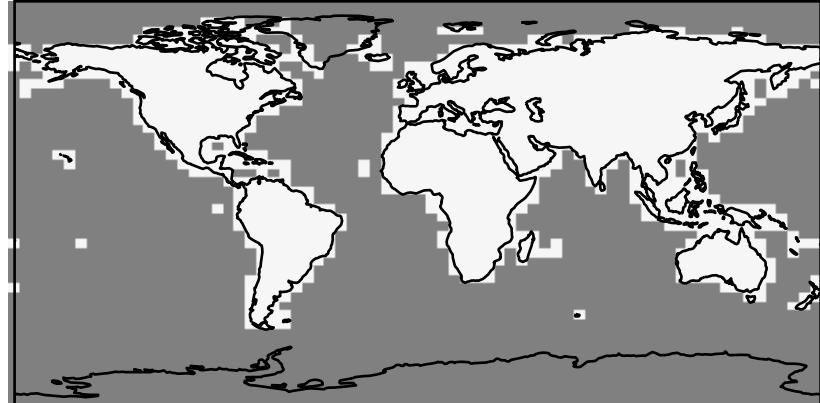
Zero throughout domain  
kg/m<sup>2</sup>/s

Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range



Zero throughout domain  
unitless

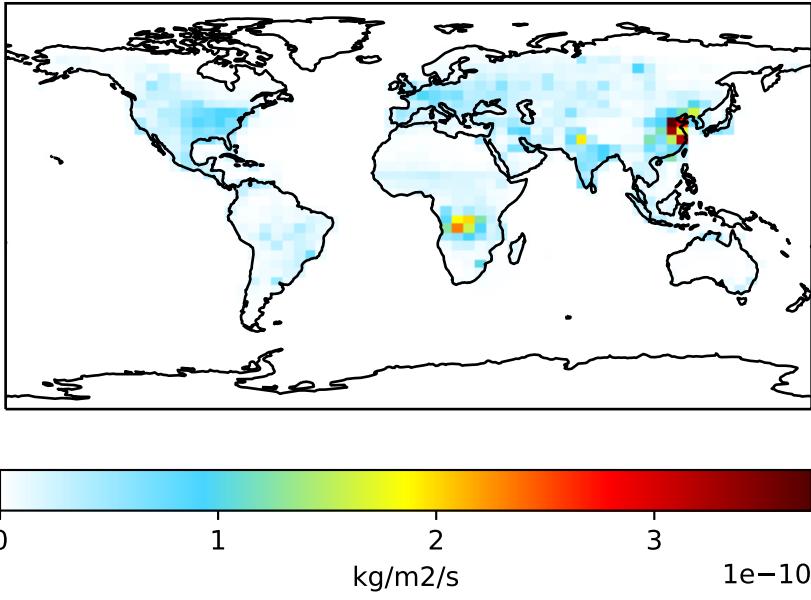
Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



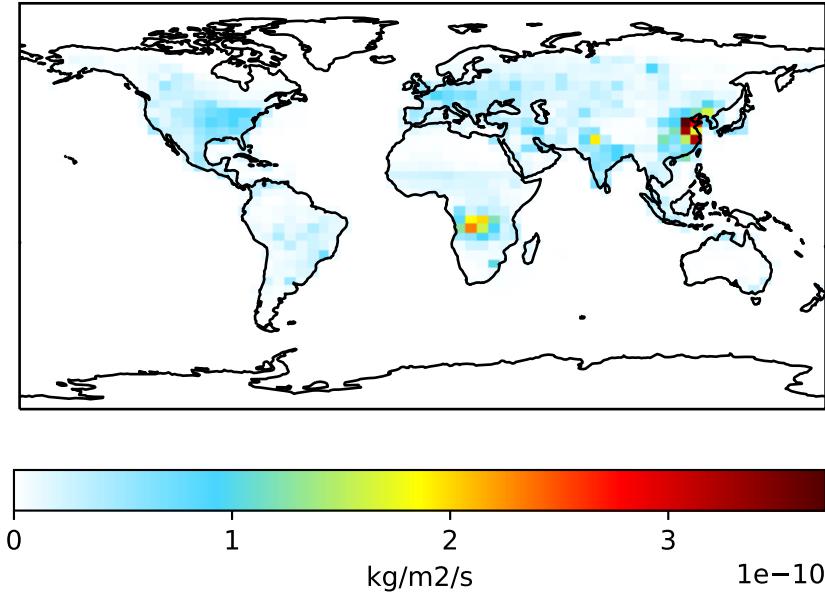
Zero throughout domain  
unitless

# EmisNO\_Total

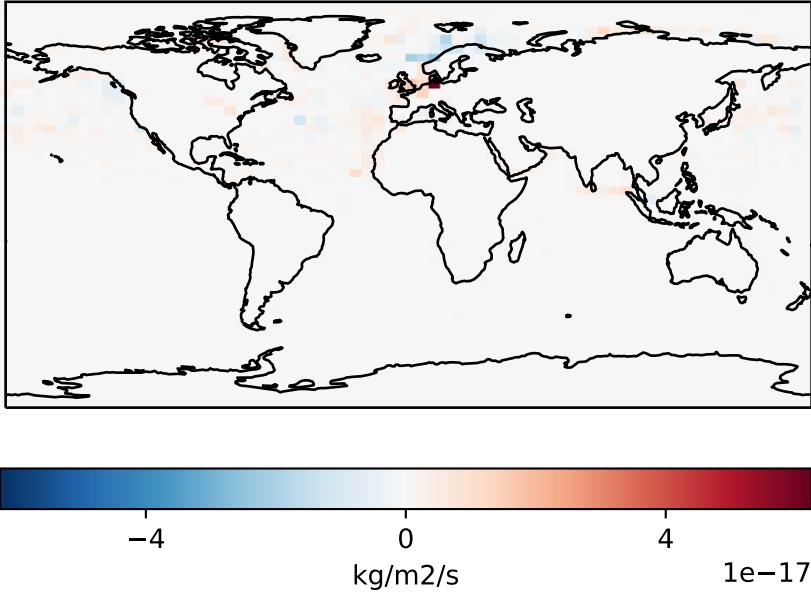
GC\_12.7.0-rc.1 (Ref)  
4x5



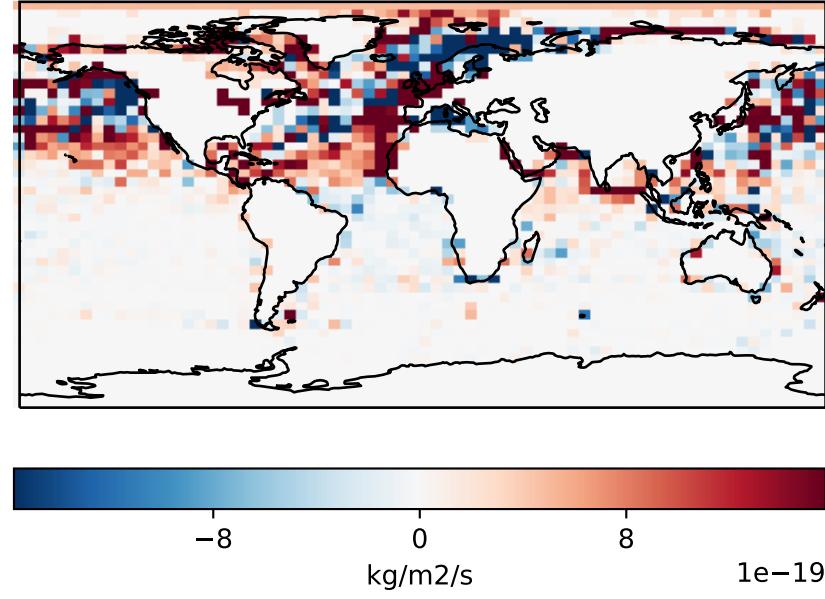
GC\_12.7.0-rc.2 (Dev)  
4x5



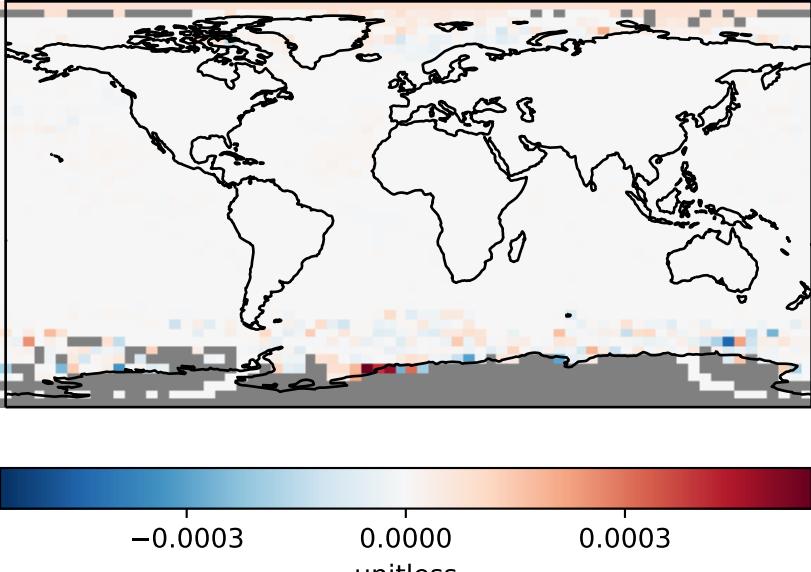
Difference  
Dev - Ref, Dynamic Range



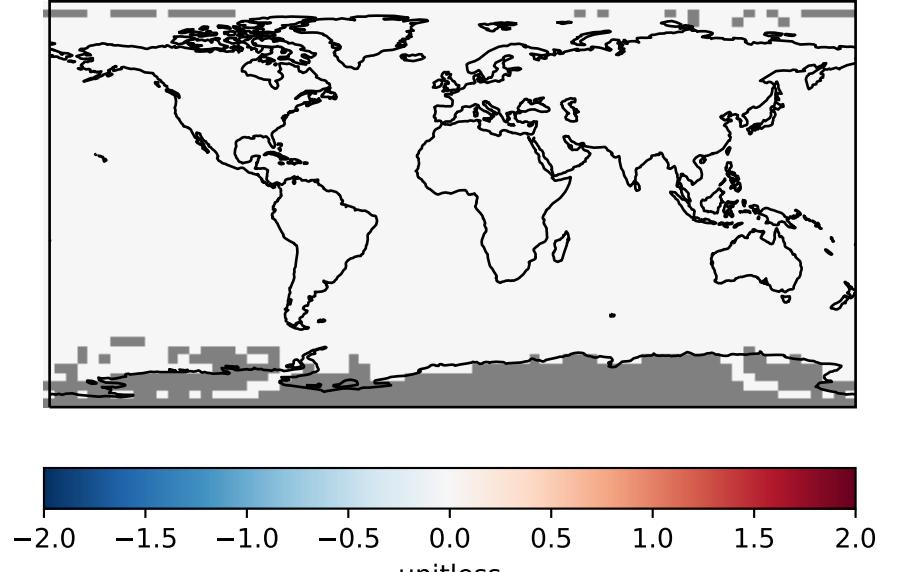
Difference  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range

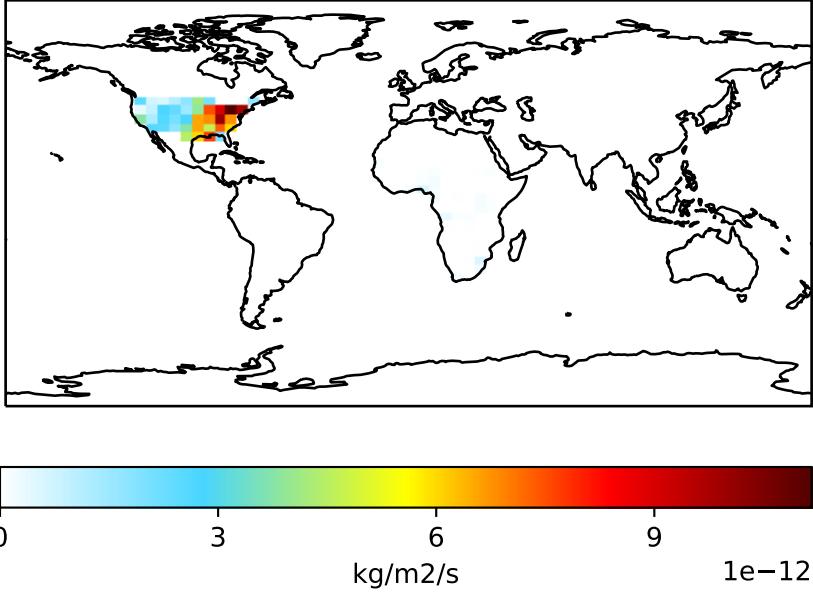


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

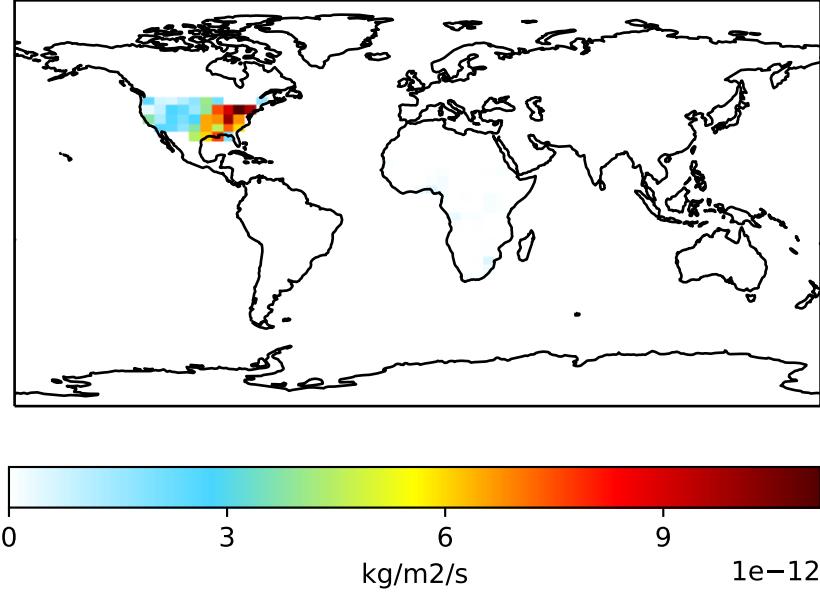


# EmisNO2\_Anthro

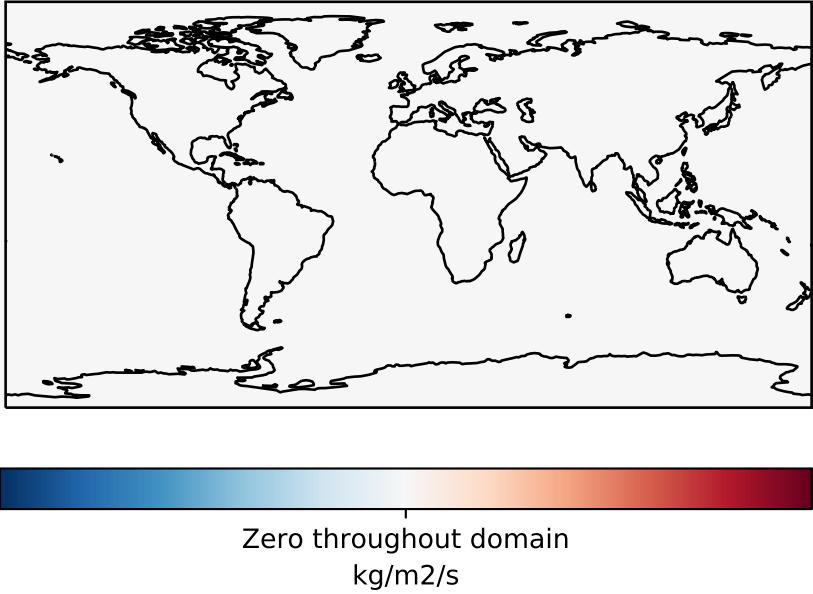
GC\_12.7.0-rc.1 (Ref)  
4x5



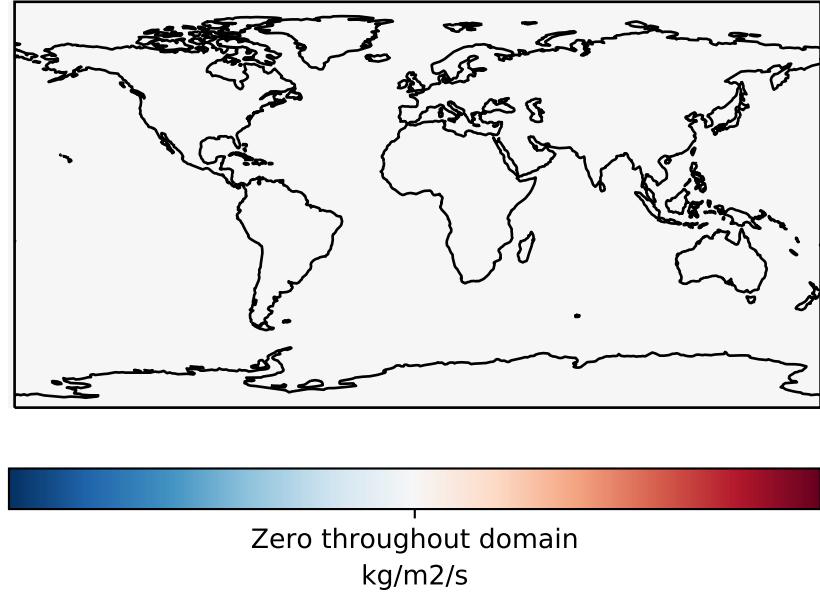
GC\_12.7.0-rc.2 (Dev)  
4x5



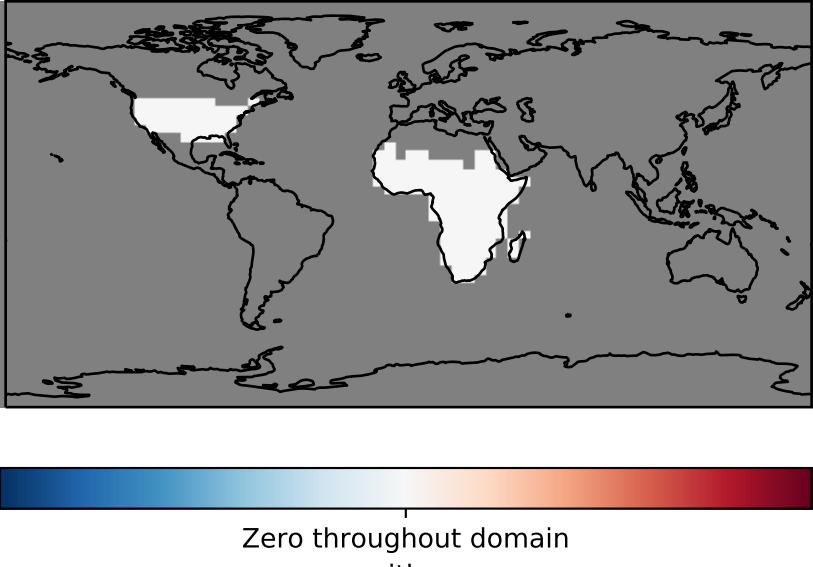
Difference  
Dev - Ref, Dynamic Range



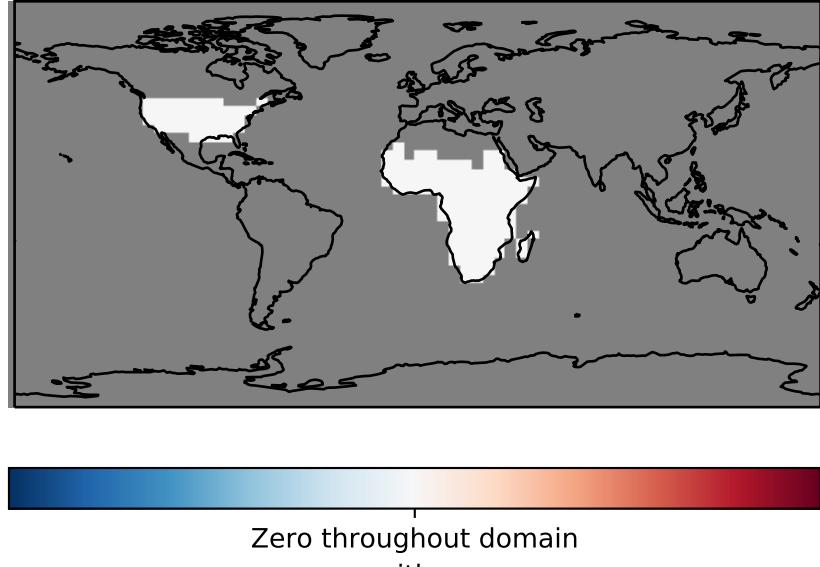
Difference  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range

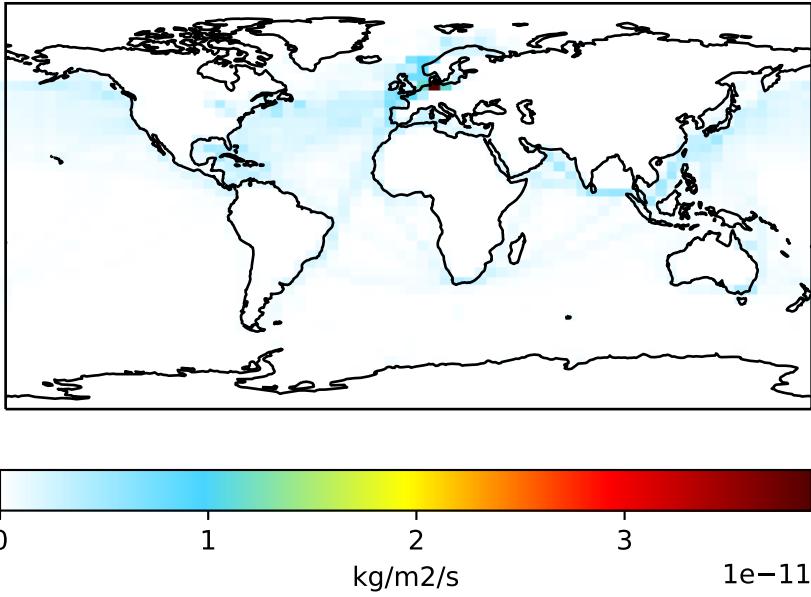


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

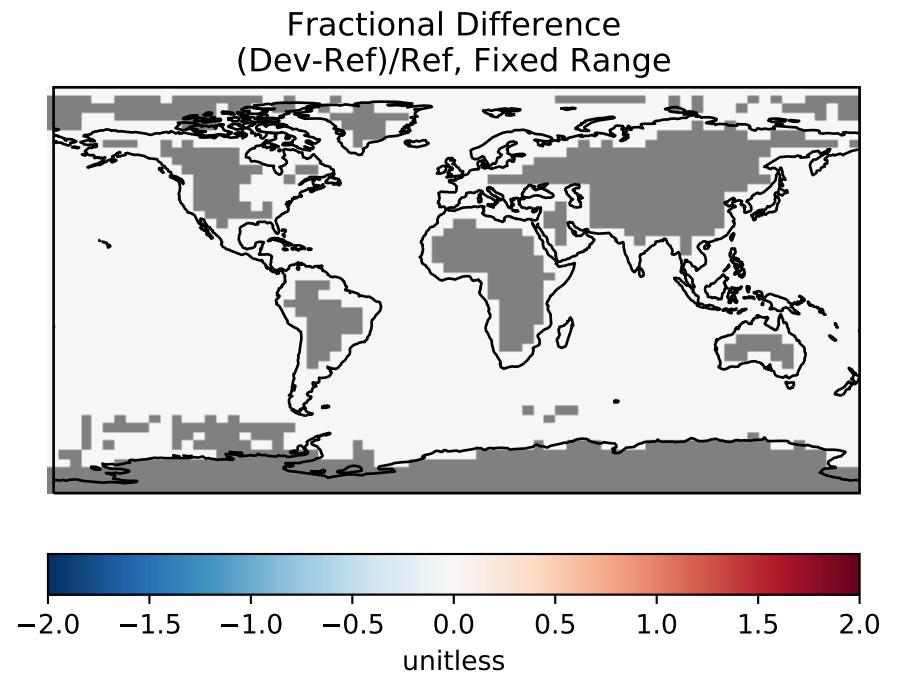
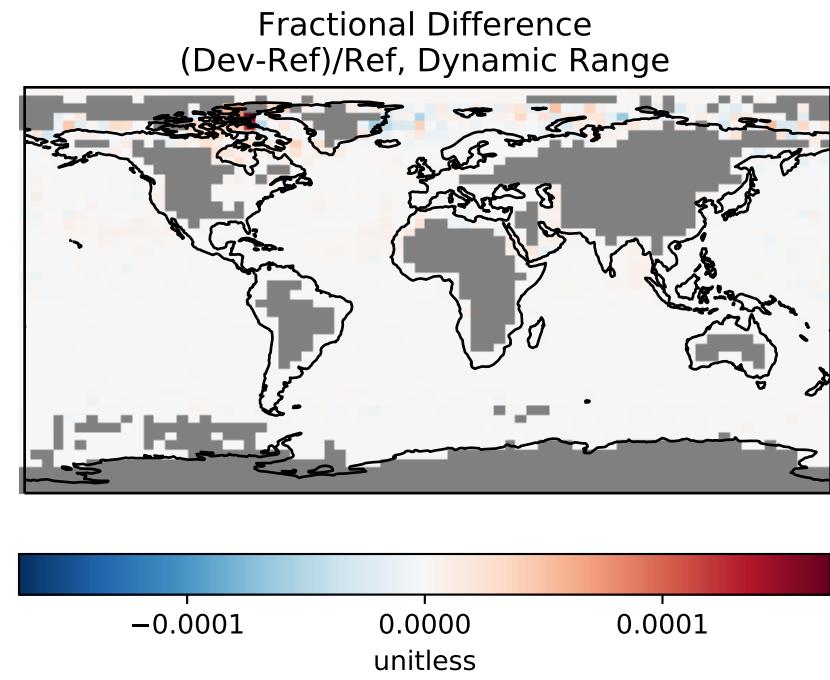
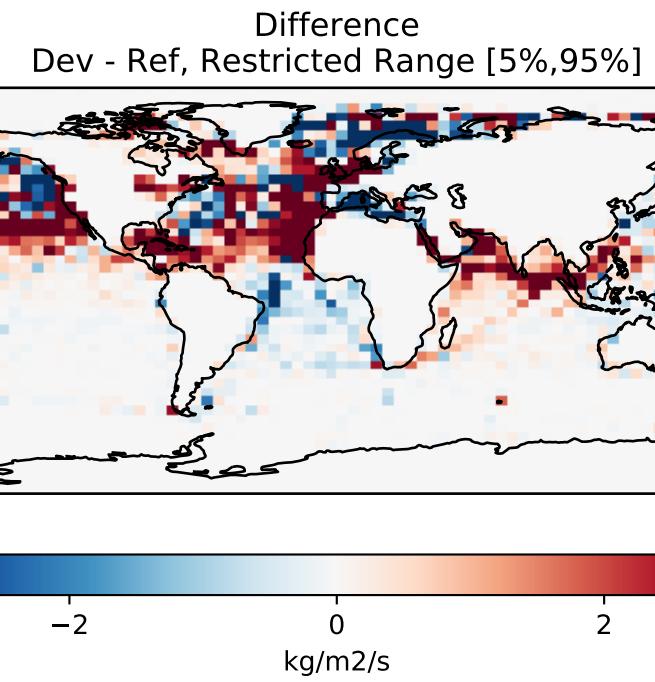
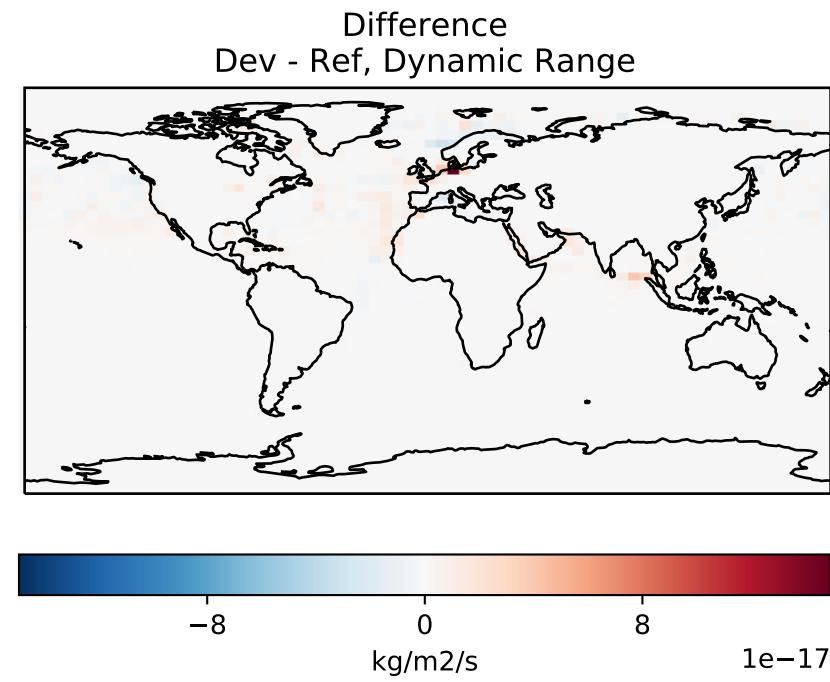
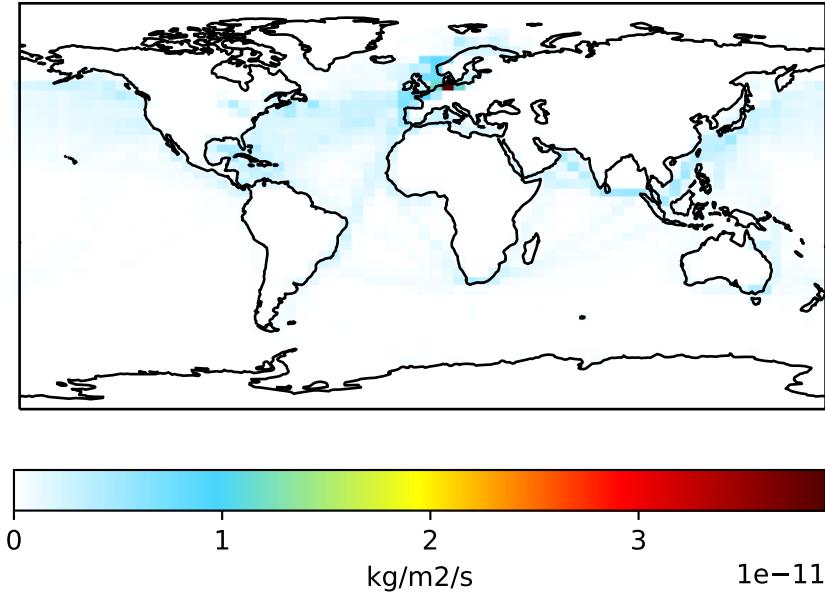


# EmisNO2\_Ship

GC\_12.7.0-rc.1 (Ref)  
4x5

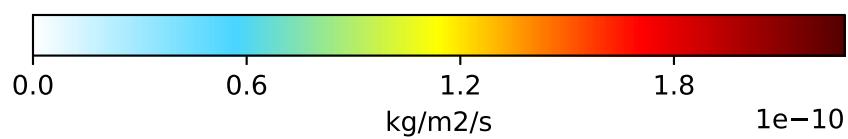
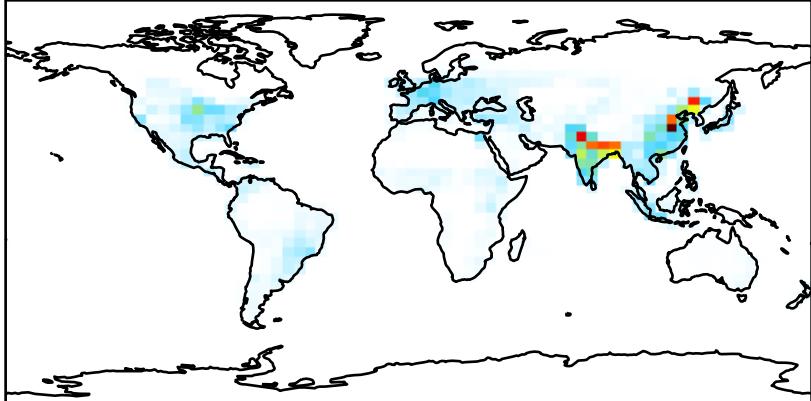


GC\_12.7.0-rc.2 (Dev)  
4x5

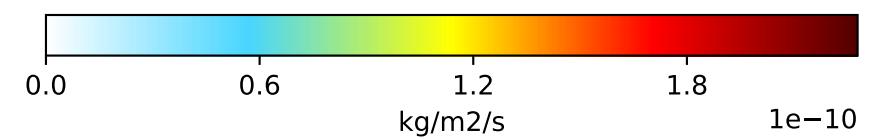
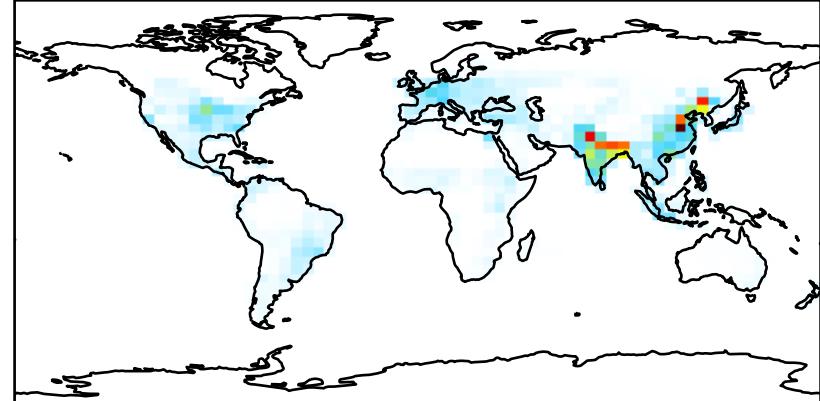


# EmisNH3\_Anthro

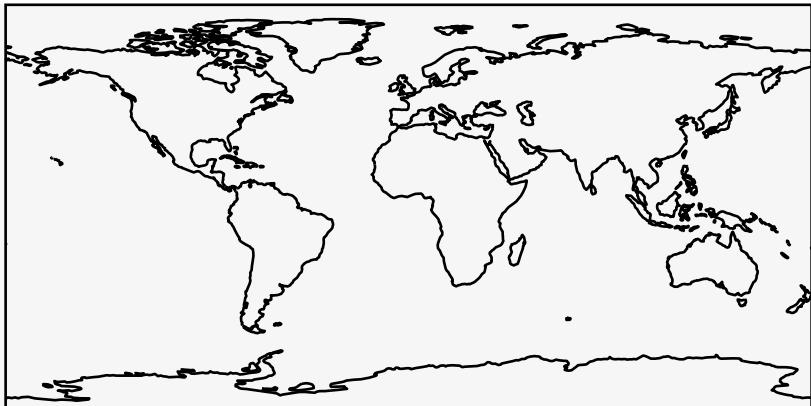
GC\_12.7.0-rc.1 (Ref)  
4x5



GC\_12.7.0-rc.2 (Dev)  
4x5

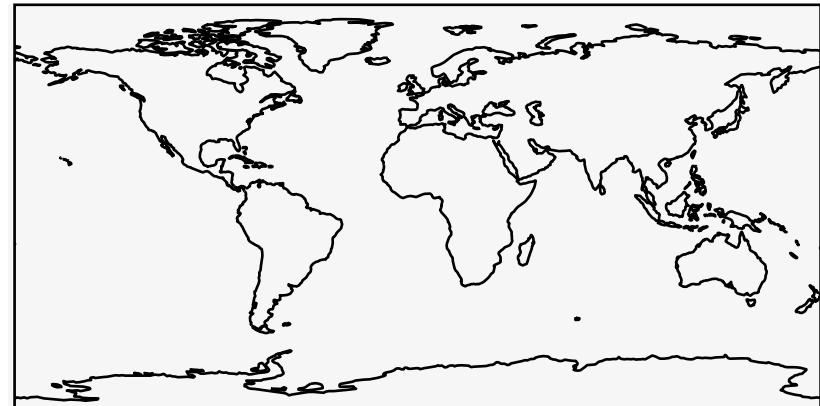


Difference  
Dev - Ref, Dynamic Range



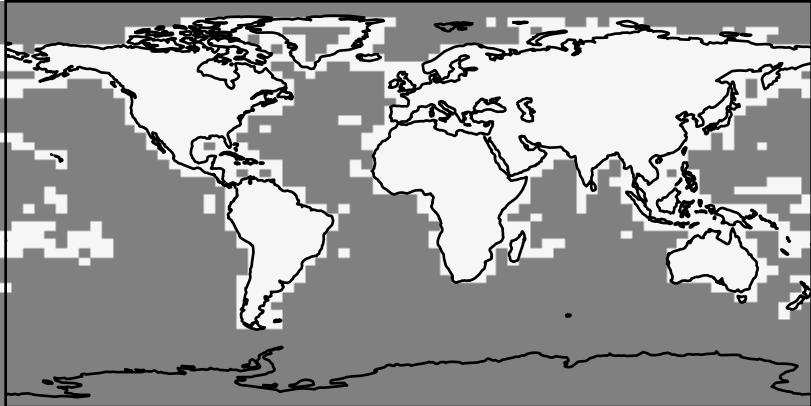
Zero throughout domain  
kg/m<sup>2</sup>/s

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



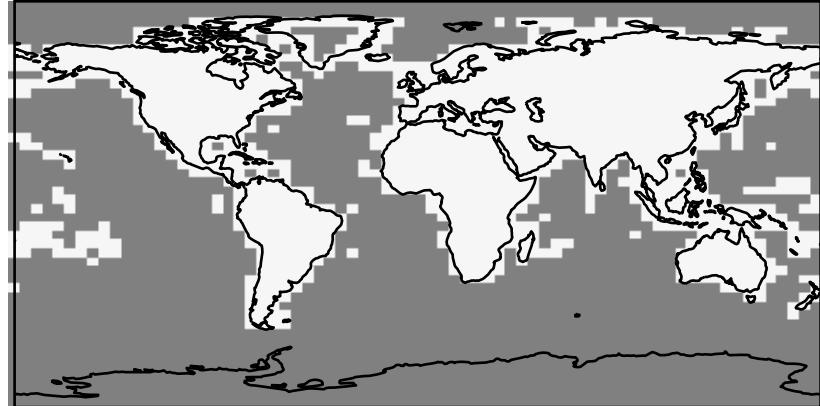
Zero throughout domain  
kg/m<sup>2</sup>/s

Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range



Zero throughout domain  
unitless

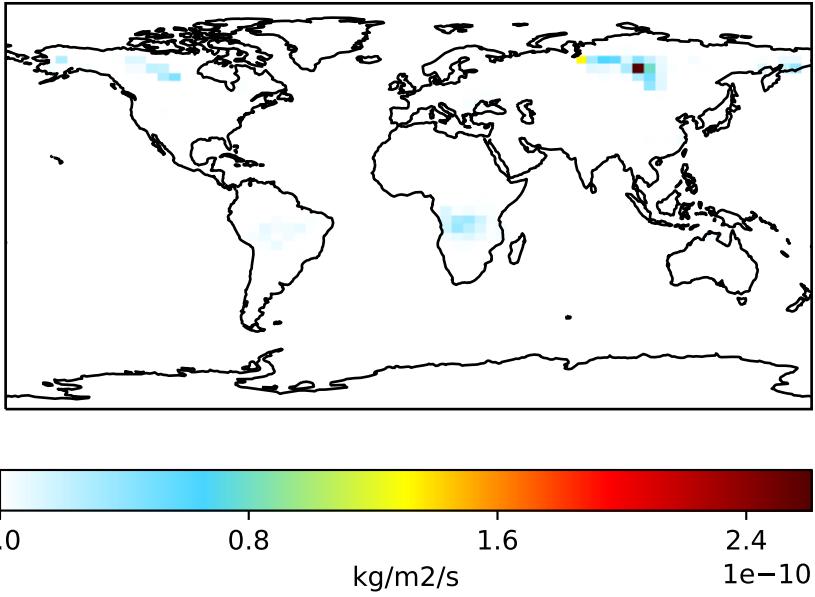
Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



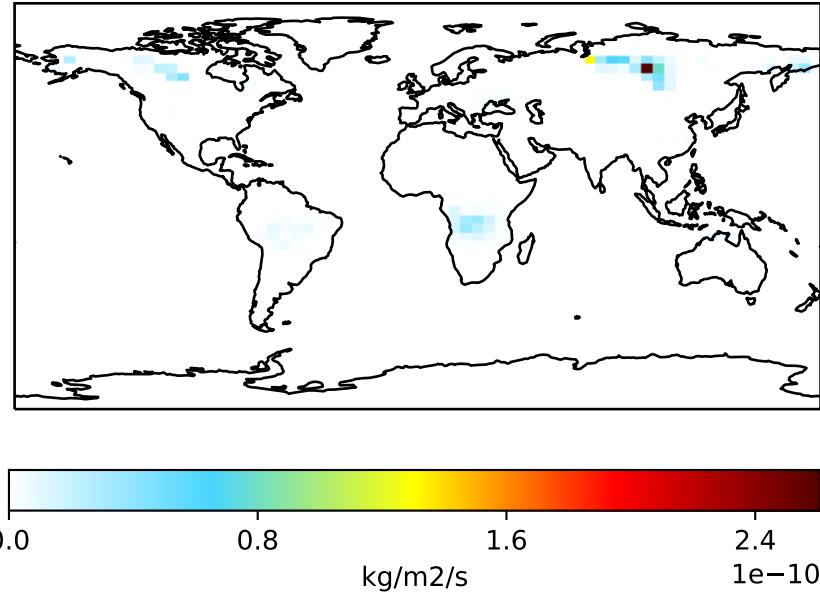
Zero throughout domain  
unitless

# EmisNH3\_BioBurn

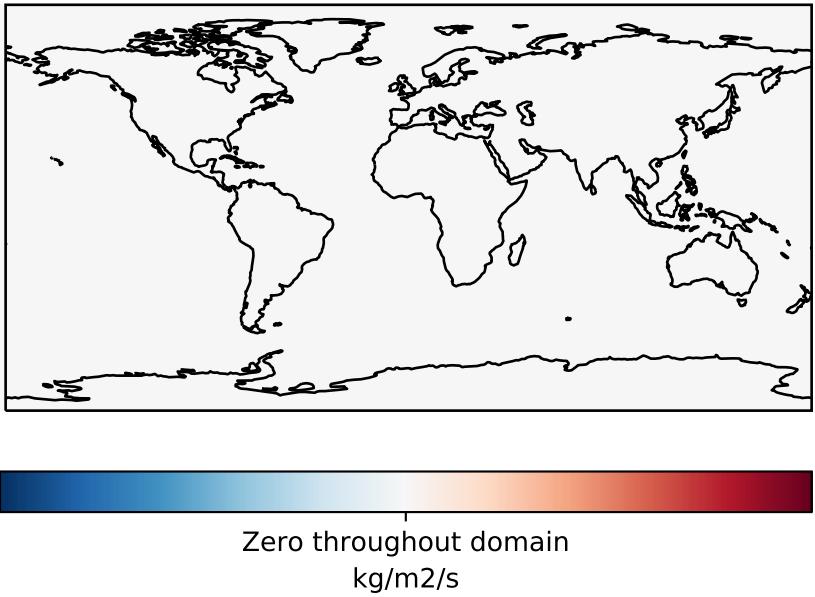
GC\_12.7.0-rc.1 (Ref)  
4x5



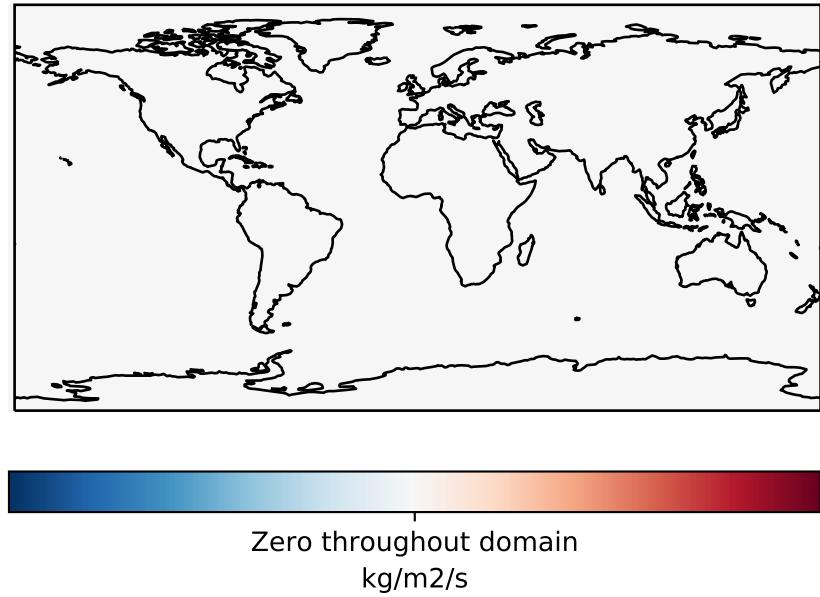
GC\_12.7.0-rc.2 (Dev)  
4x5



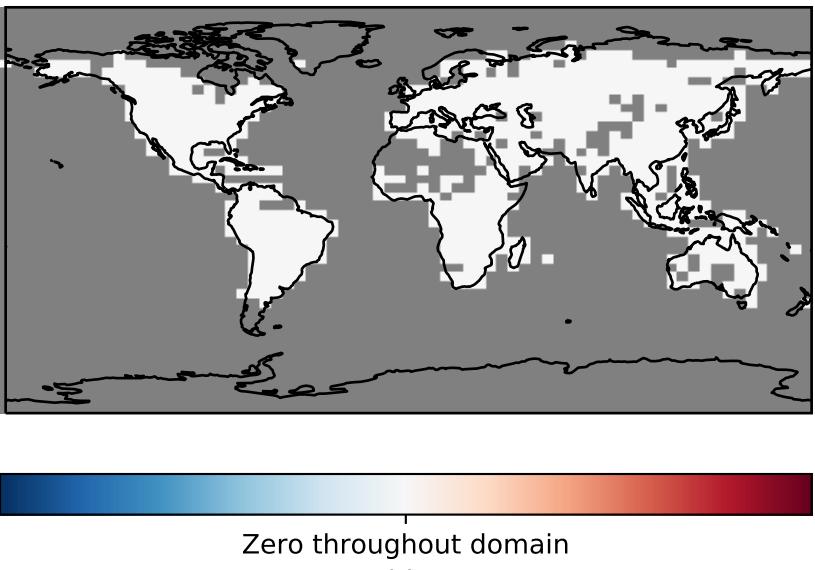
Difference  
Dev - Ref, Dynamic Range



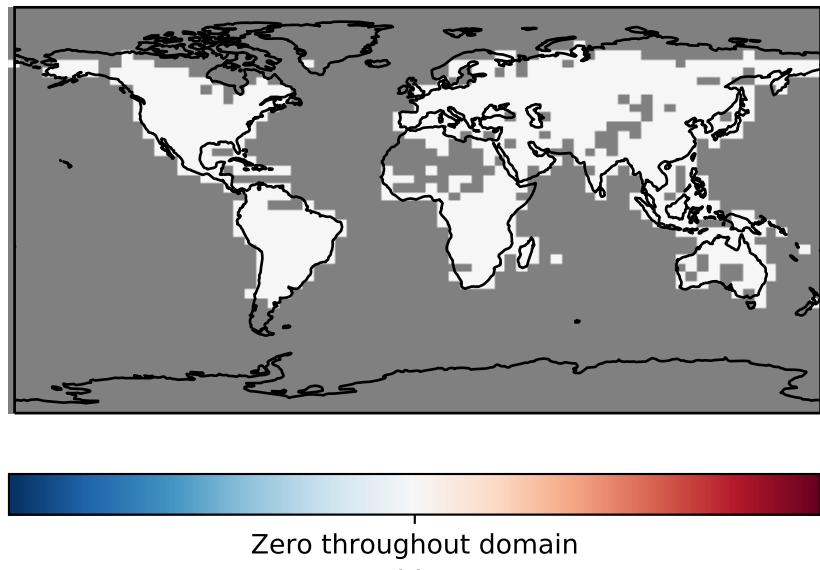
Difference  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range

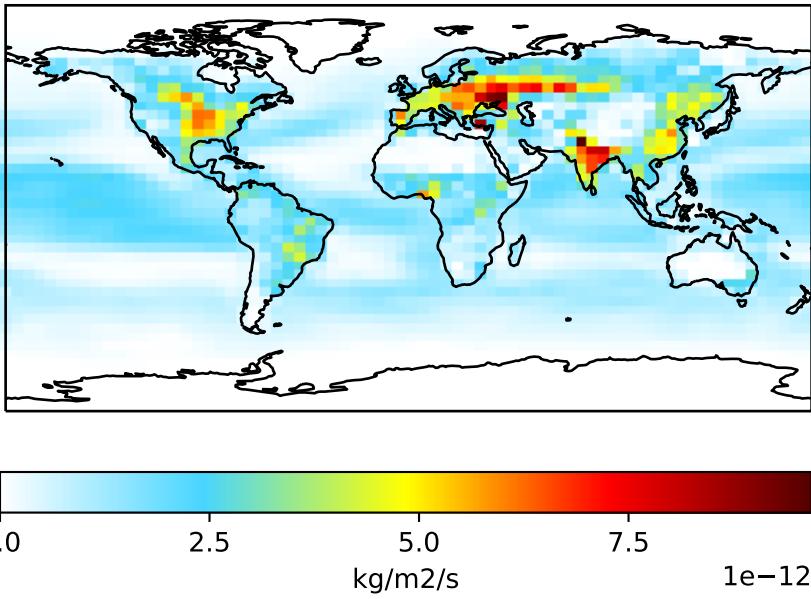


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

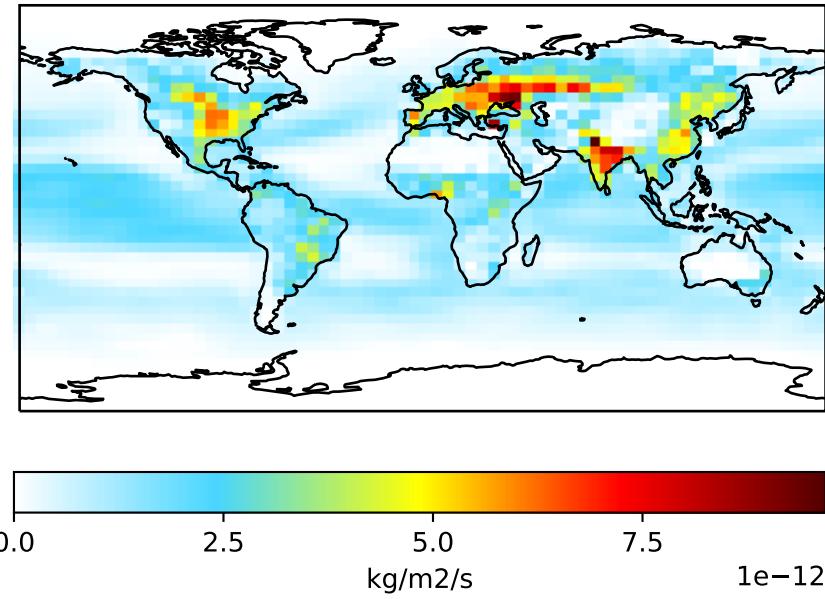


# EmisNH3\_Natural

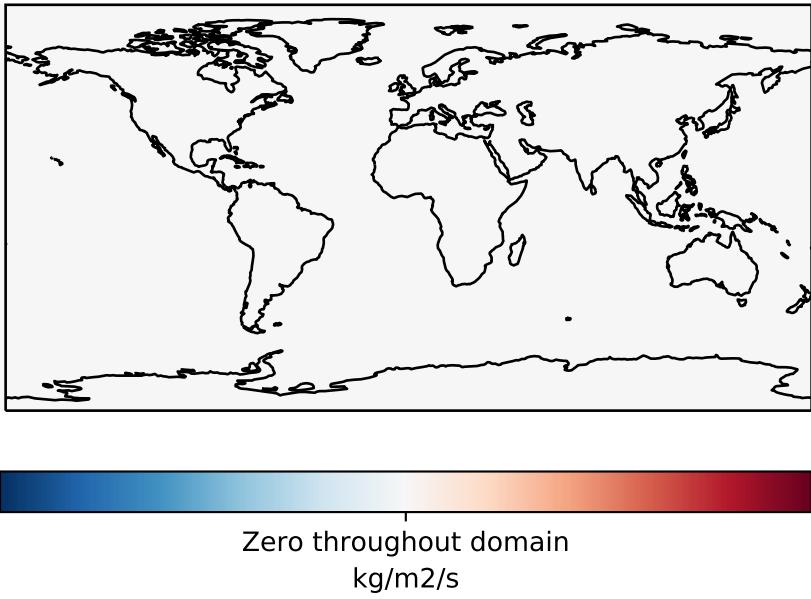
GC\_12.7.0-rc.1 (Ref)  
4x5



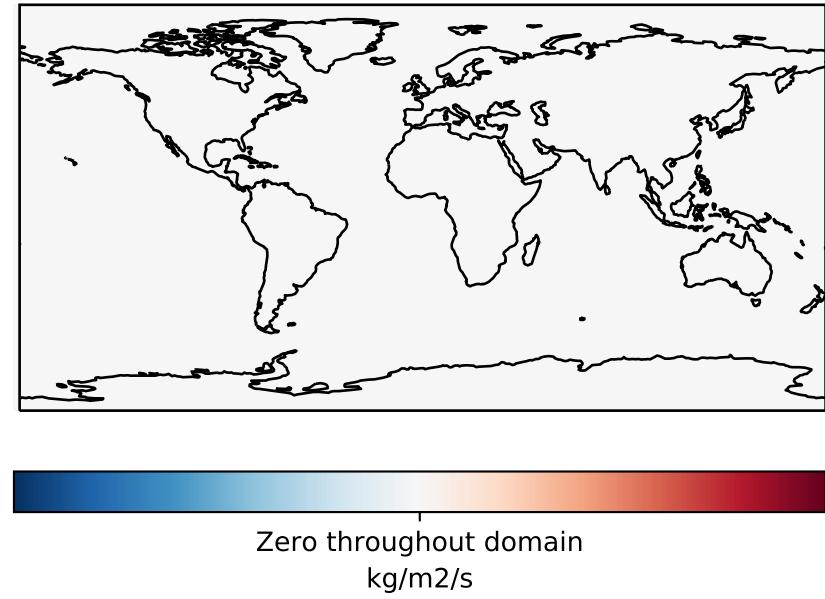
GC\_12.7.0-rc.2 (Dev)  
4x5



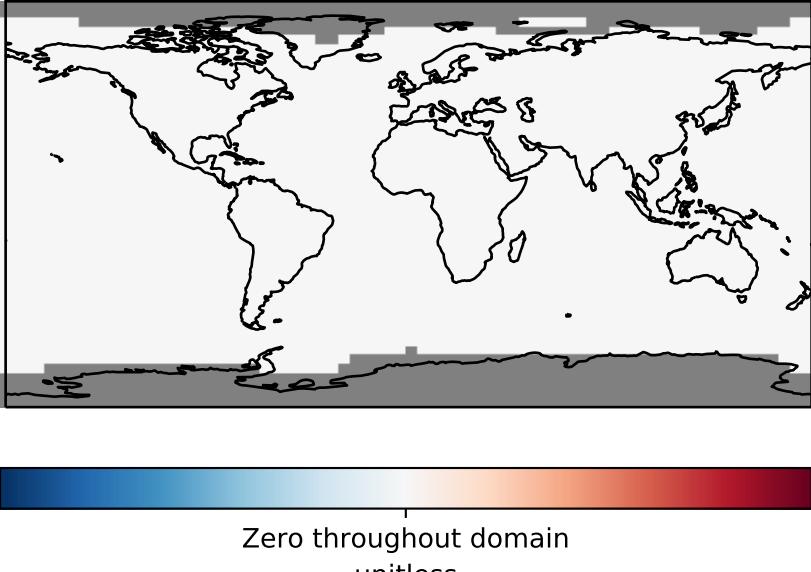
Difference  
Dev - Ref, Dynamic Range



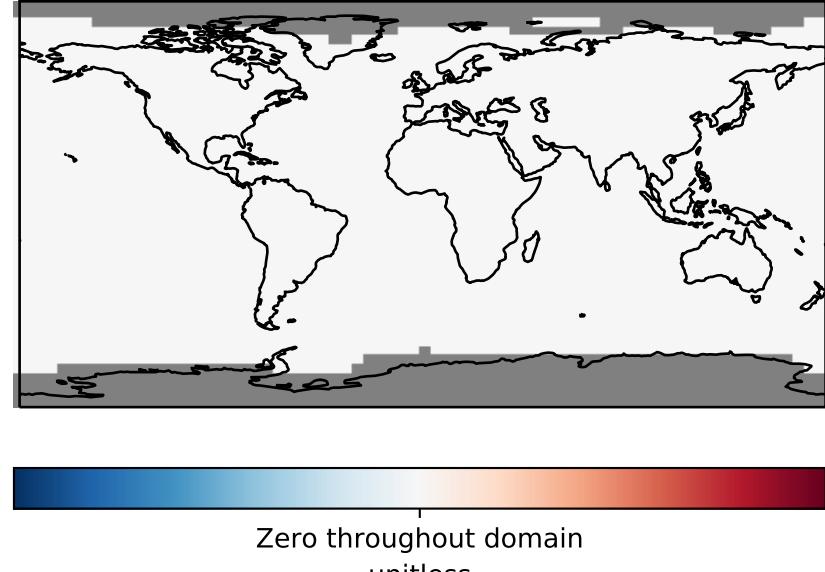
Difference  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range

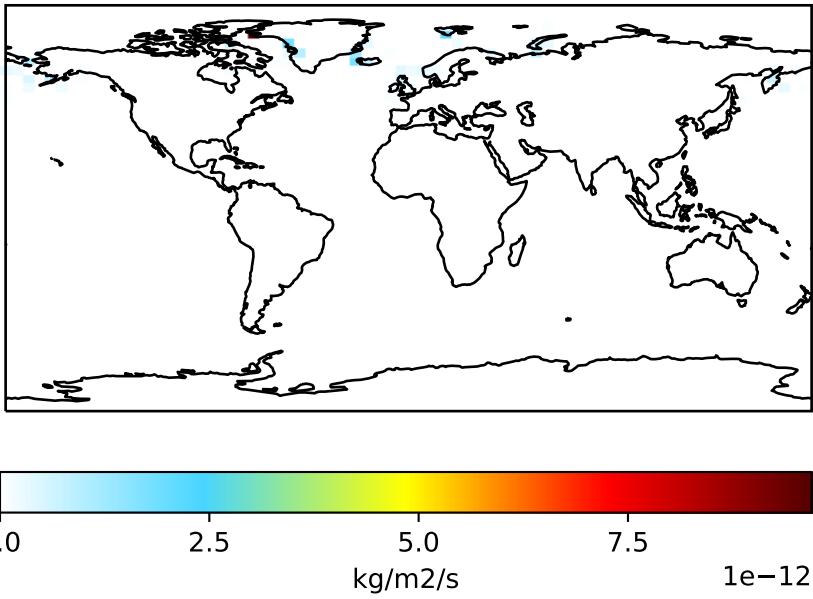


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

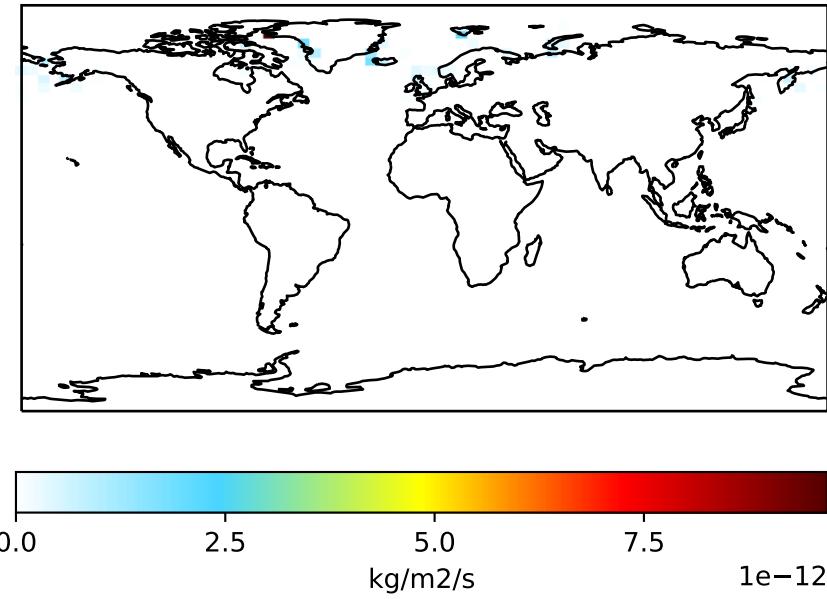


# EmisNH3\_Seabirds

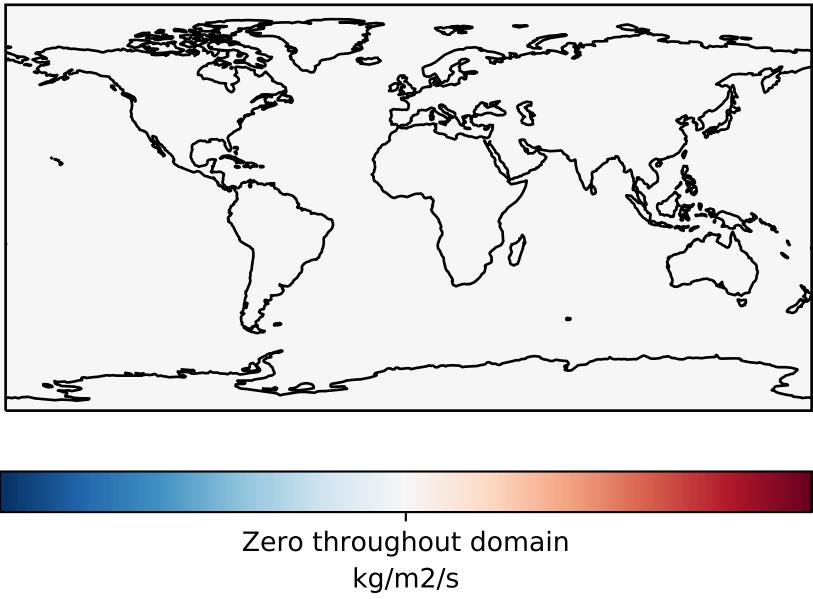
GC\_12.7.0-rc.1 (Ref)  
4x5



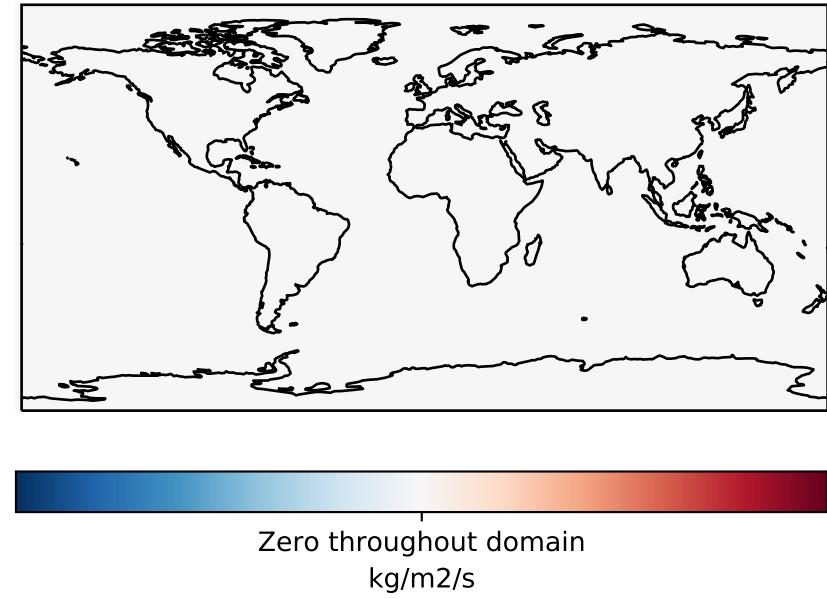
GC\_12.7.0-rc.2 (Dev)  
4x5



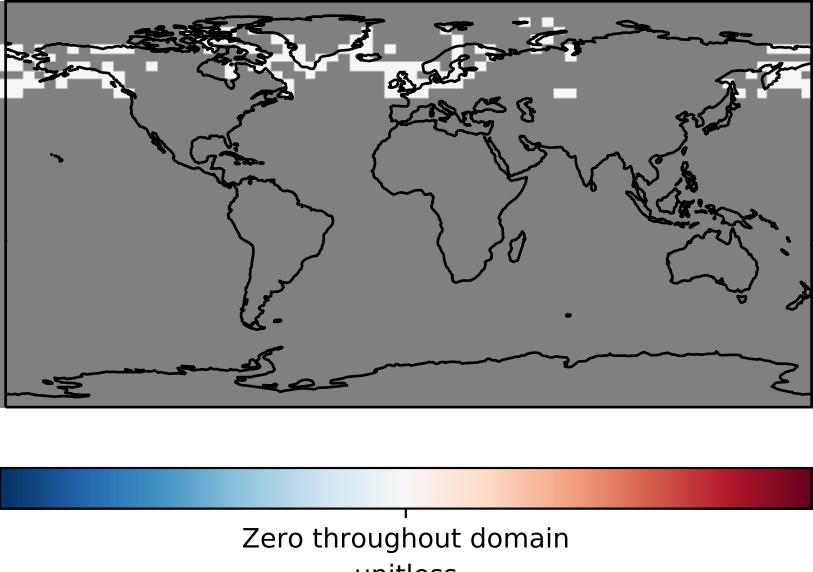
Difference  
Dev - Ref, Dynamic Range



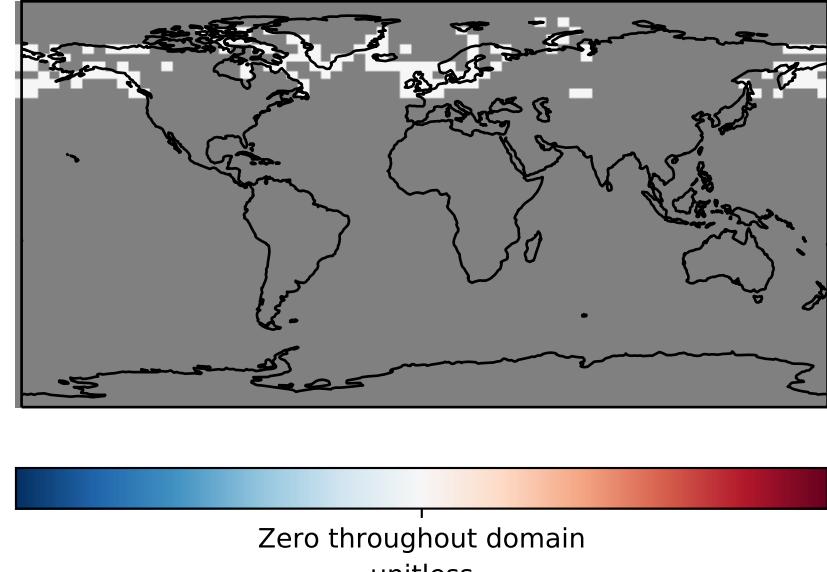
Difference  
Dev - Ref, Restricted Range [5%,95%]



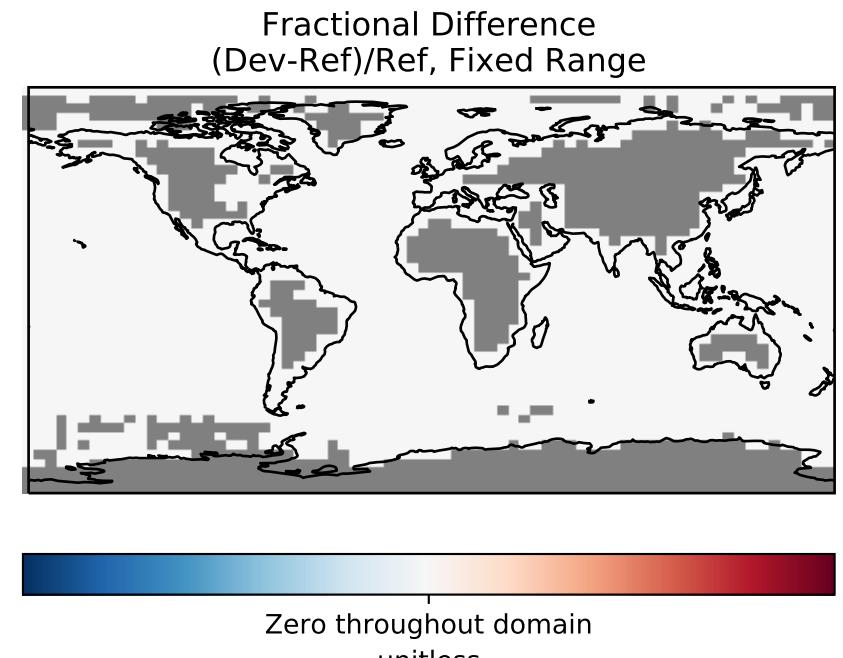
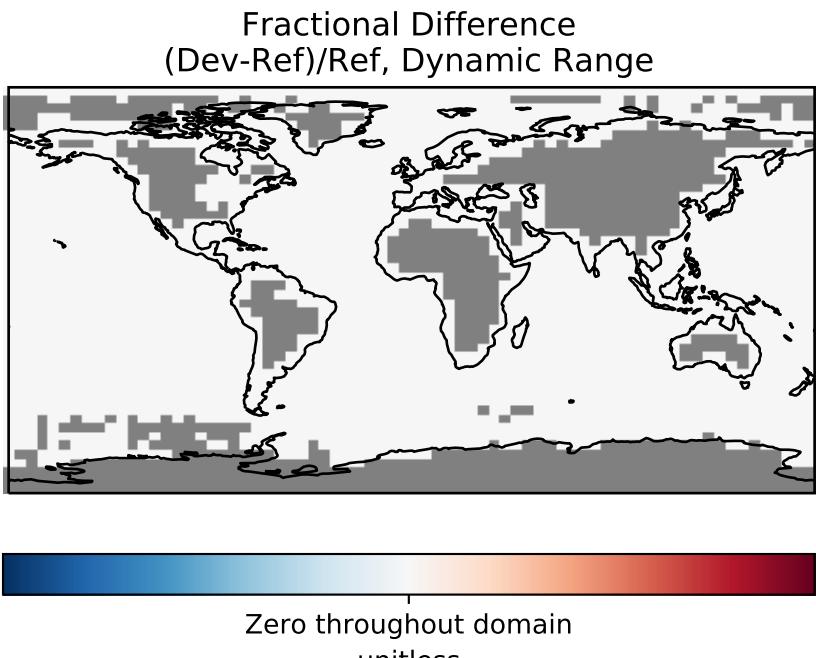
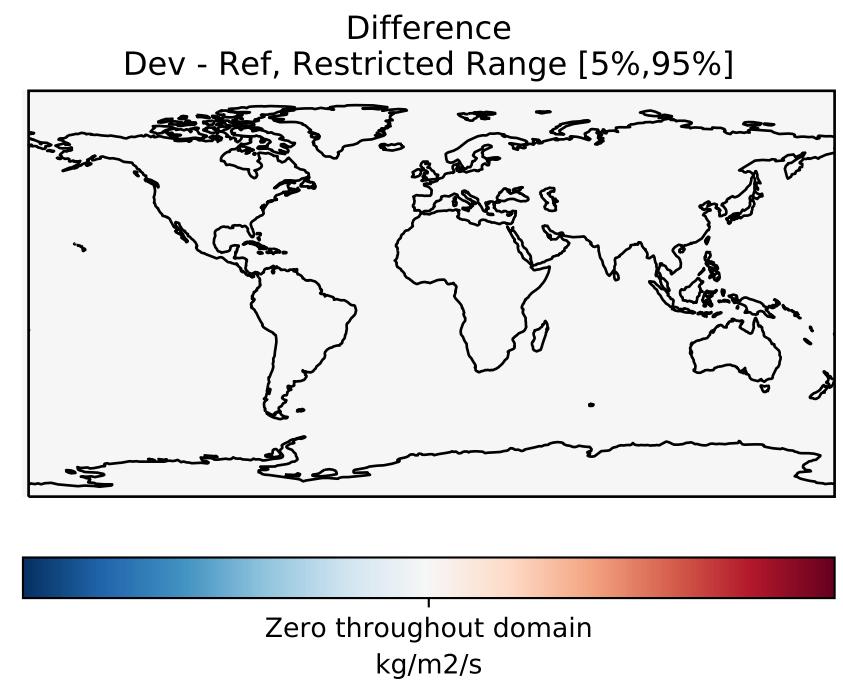
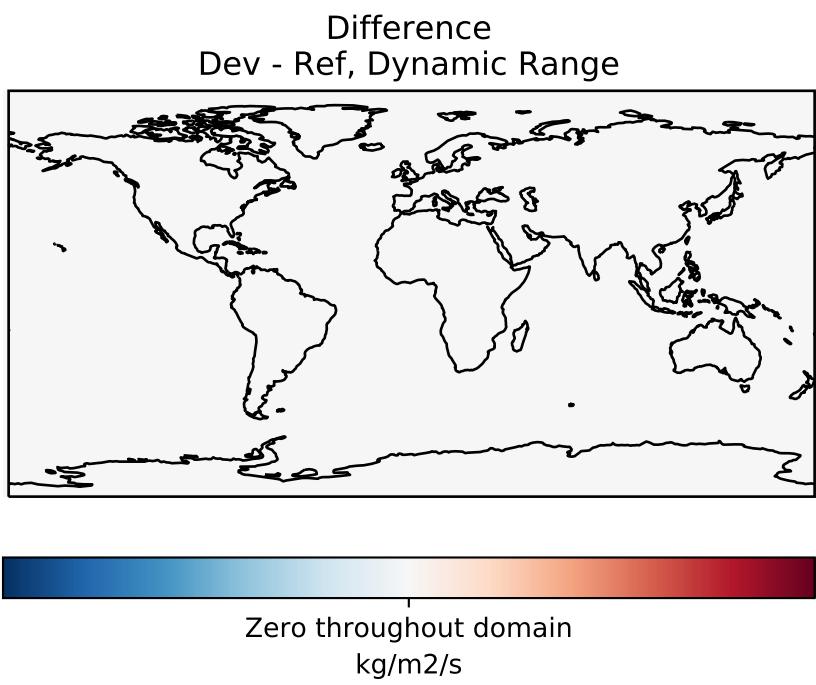
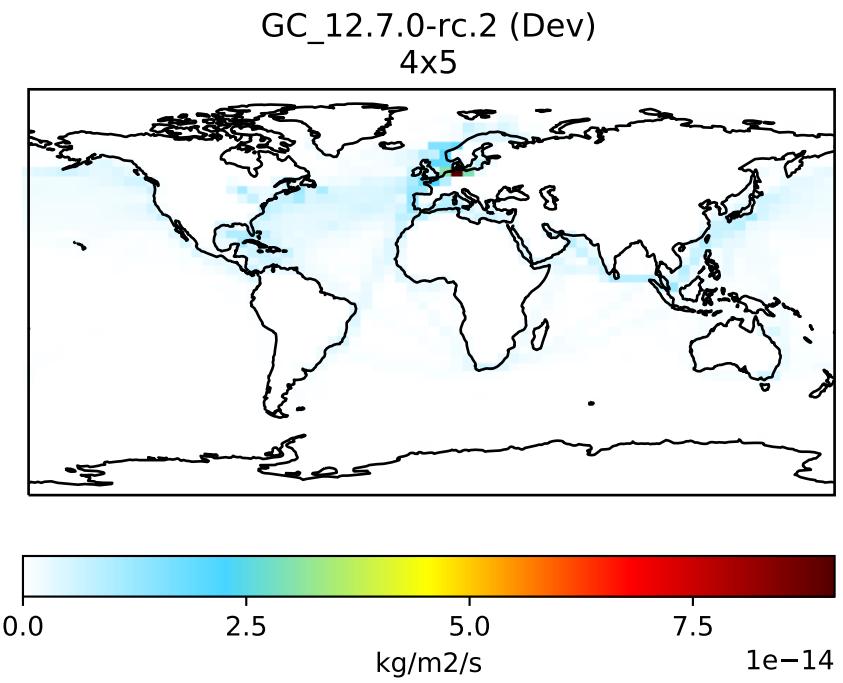
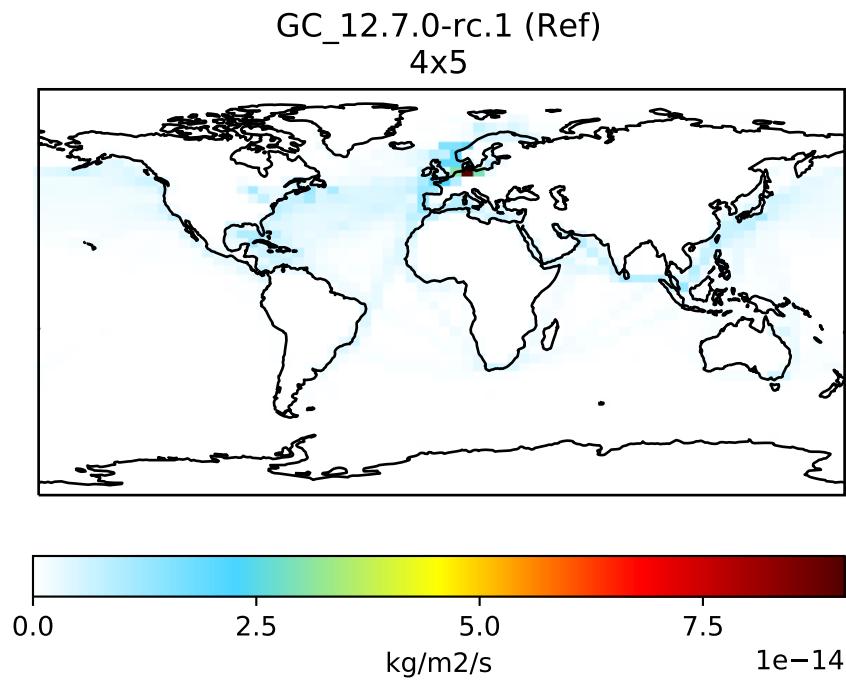
Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

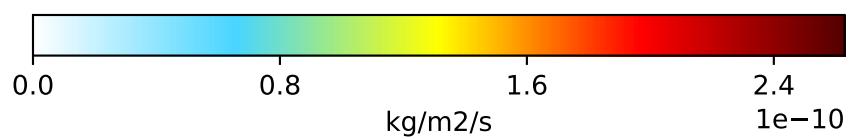
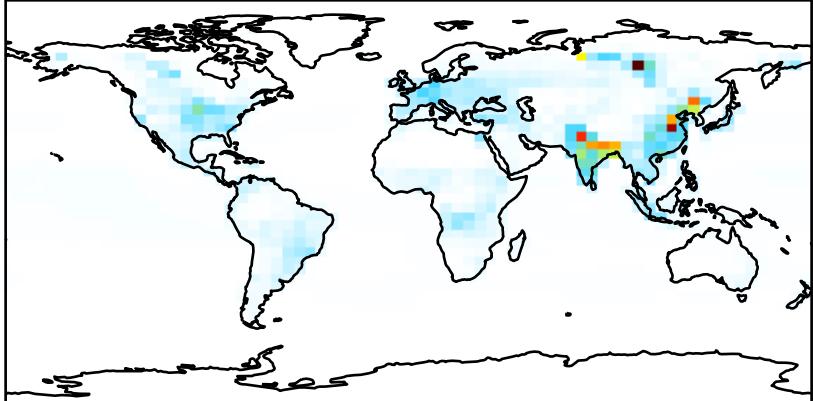


# EmisNH3\_Ship

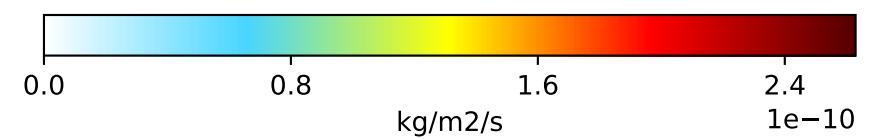
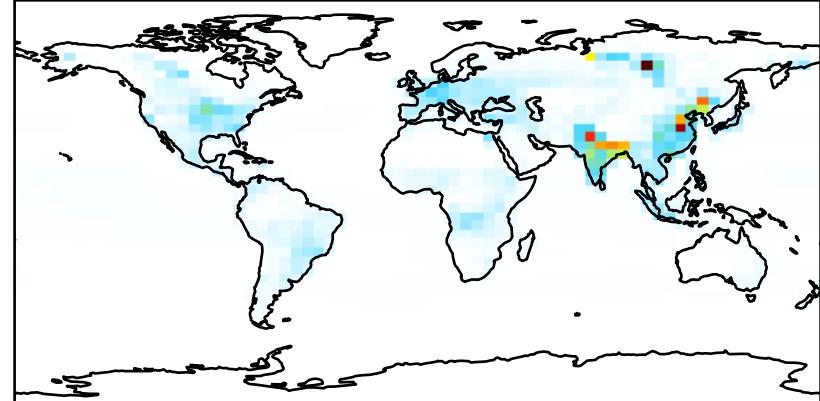


# EmisNH3\_Total

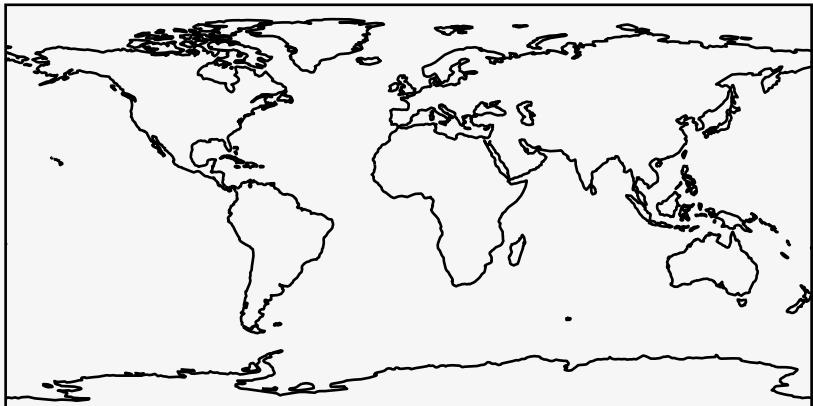
GC\_12.7.0-rc.1 (Ref)  
4x5



GC\_12.7.0-rc.2 (Dev)  
4x5

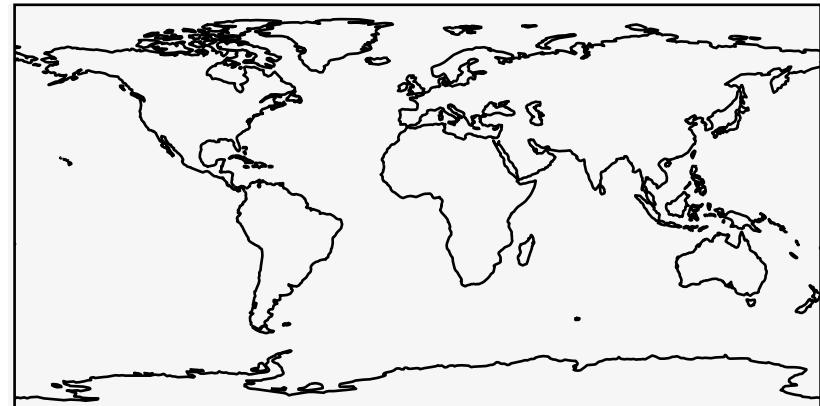


Difference  
Dev - Ref, Dynamic Range



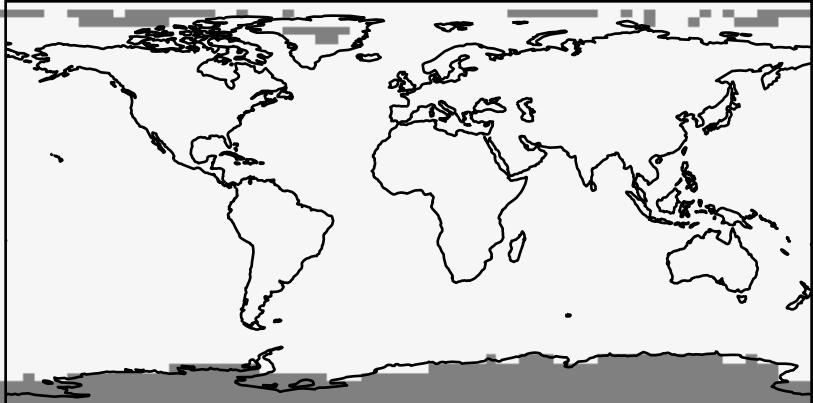
Zero throughout domain  
kg/m2/s

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



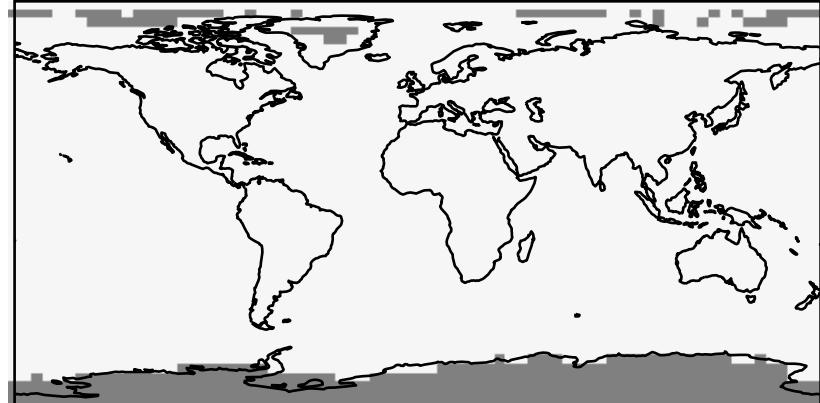
Zero throughout domain  
kg/m2/s

Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range



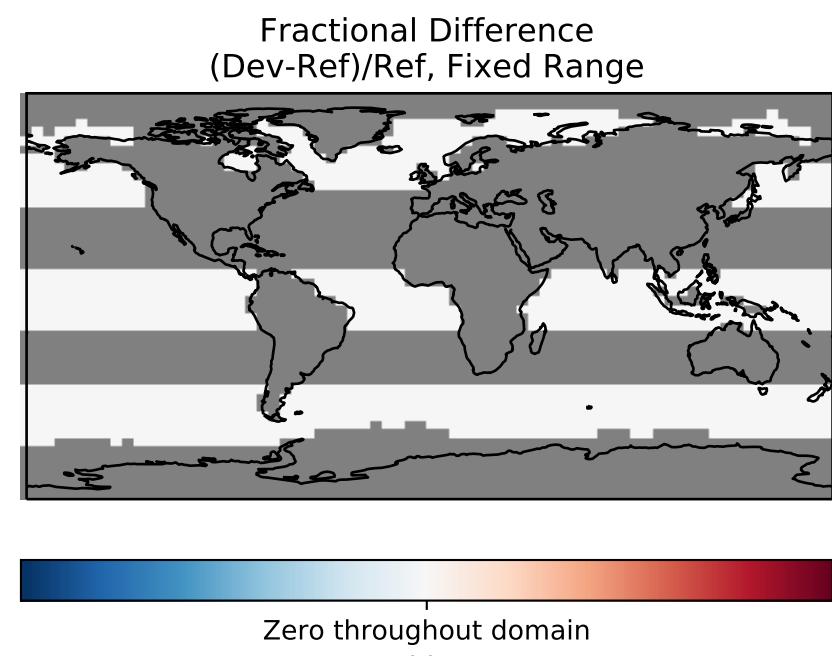
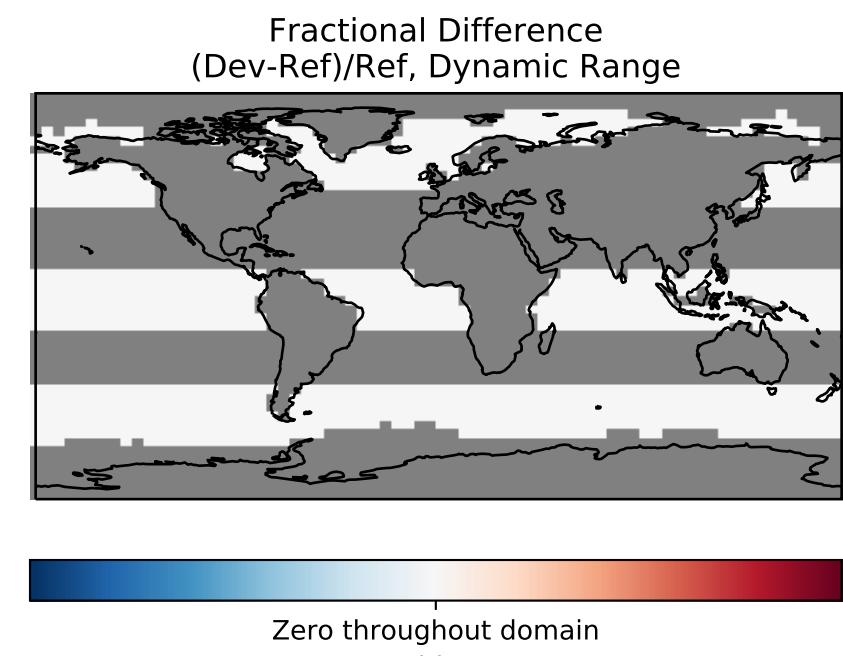
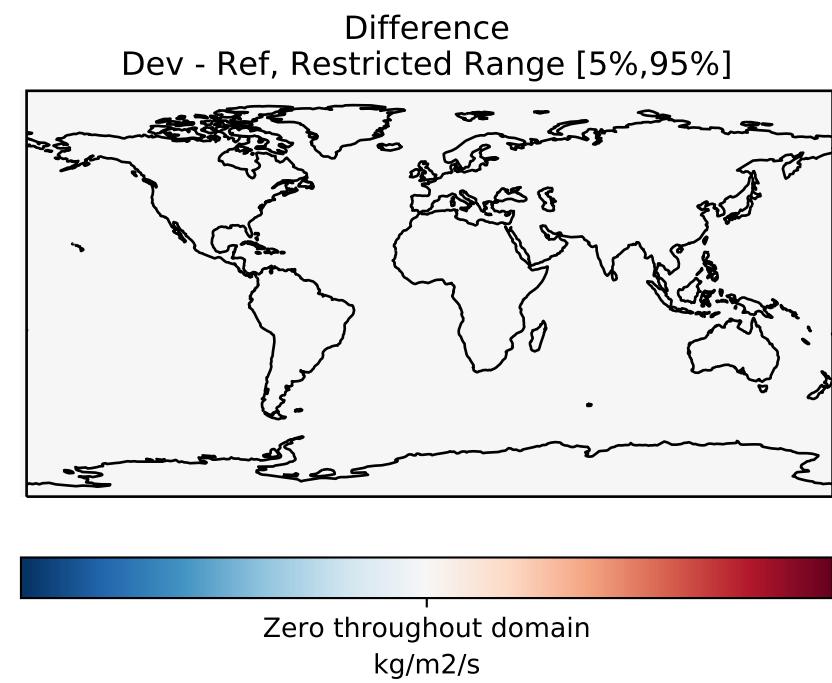
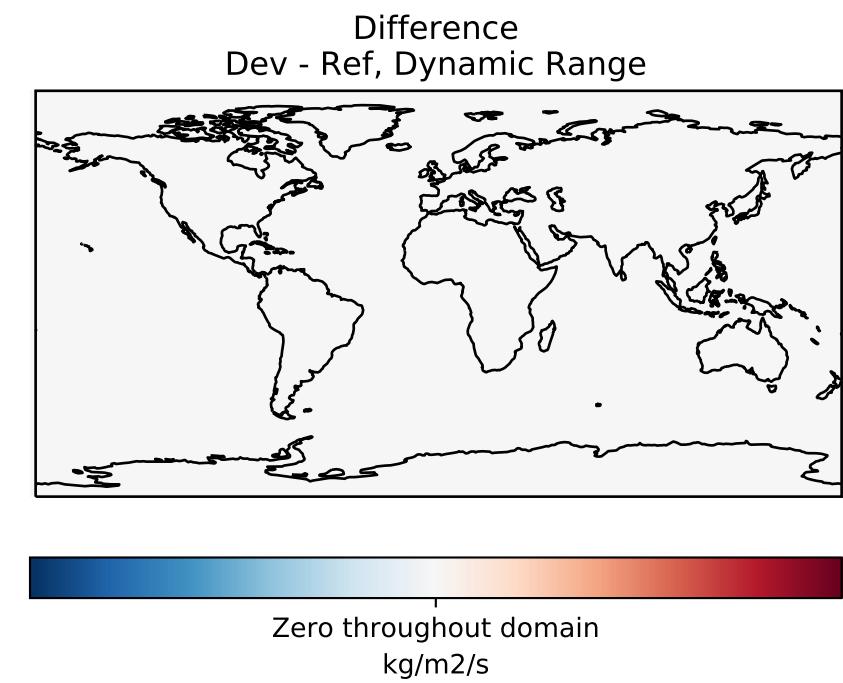
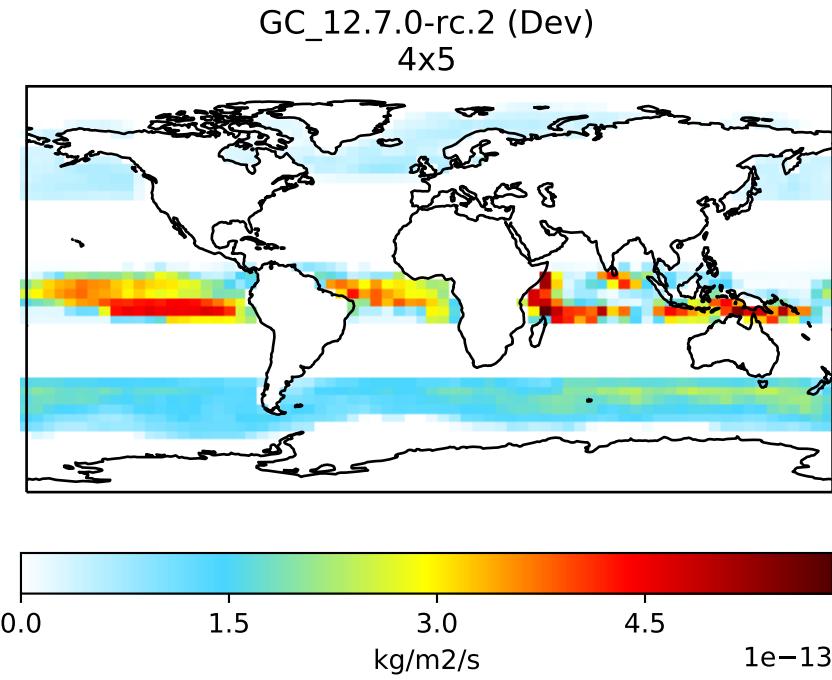
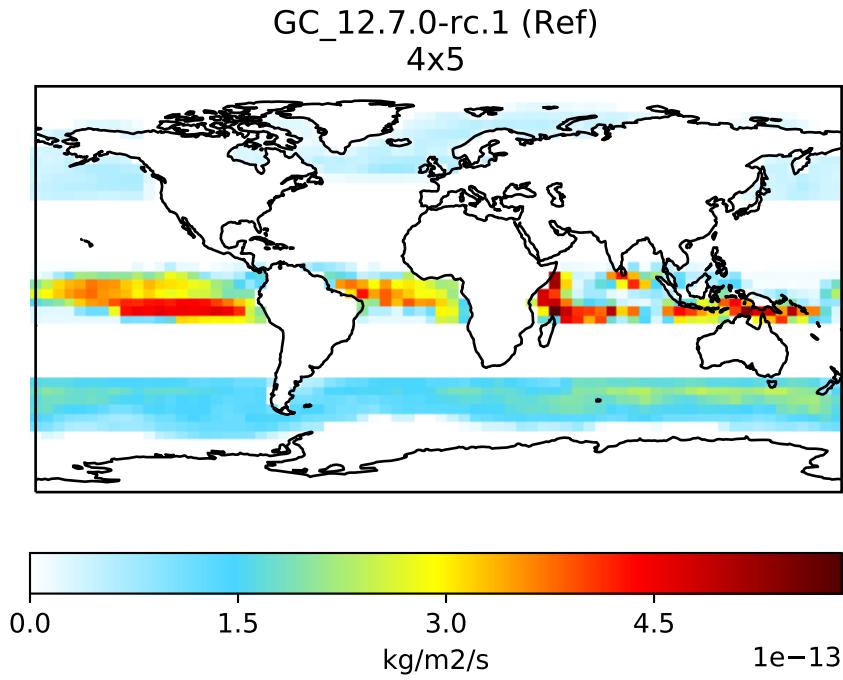
Zero throughout domain  
unitless

Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



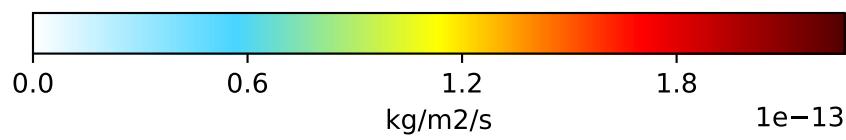
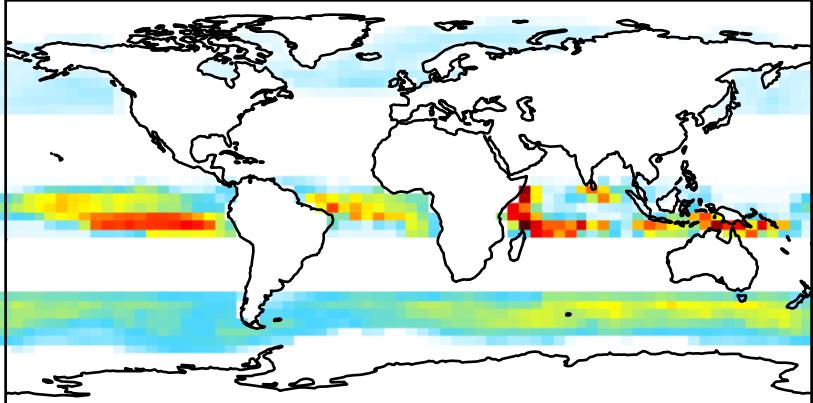
Zero throughout domain  
unitless

# EmisMEN03\_Ocean

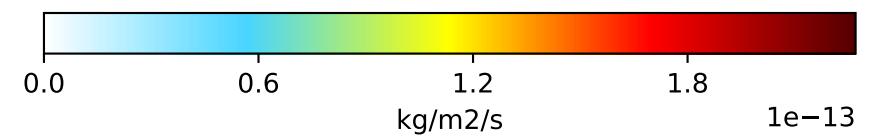
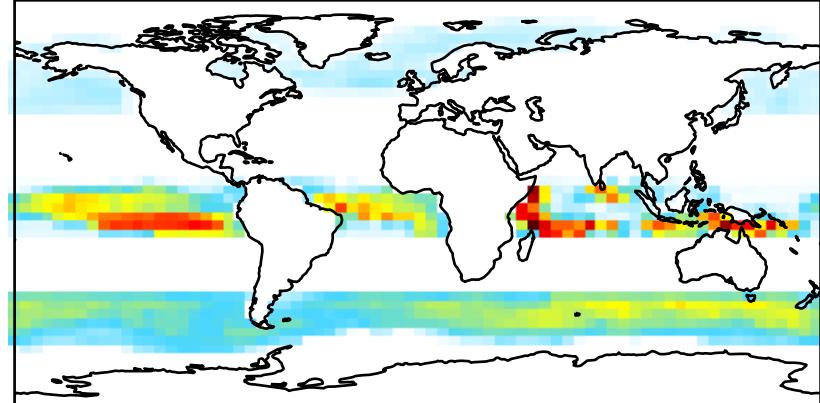


# EmisETNO3\_Ocean

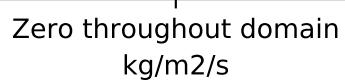
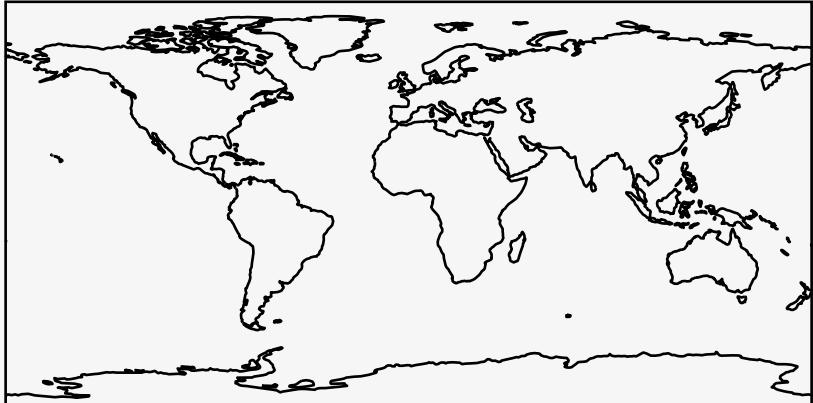
GC\_12.7.0-rc.1 (Ref)  
4x5



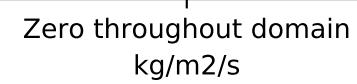
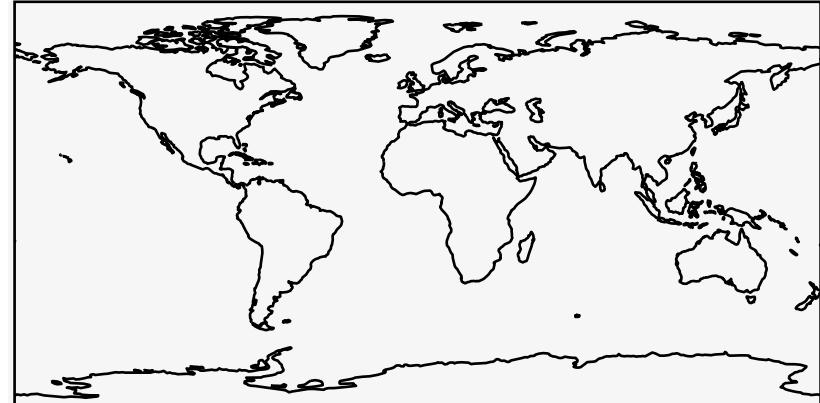
GC\_12.7.0-rc.2 (Dev)  
4x5



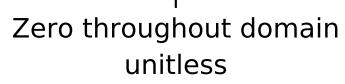
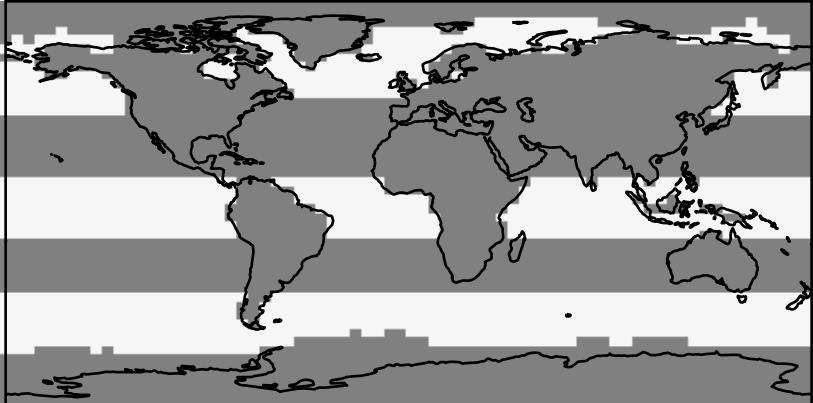
Difference  
Dev - Ref, Dynamic Range



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



Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

