EmisACET_Anthro

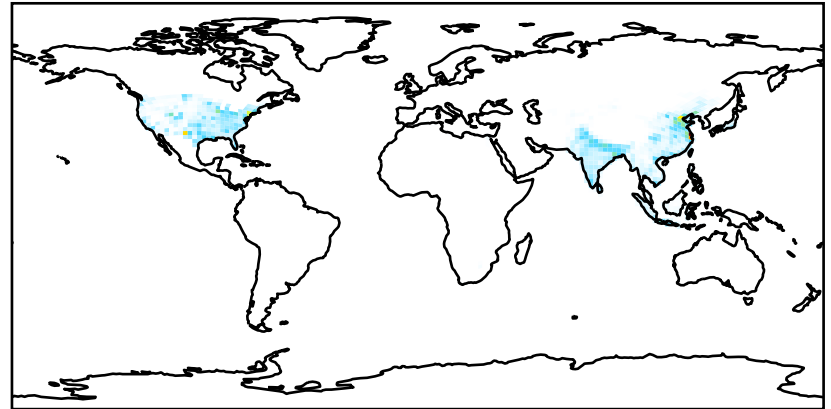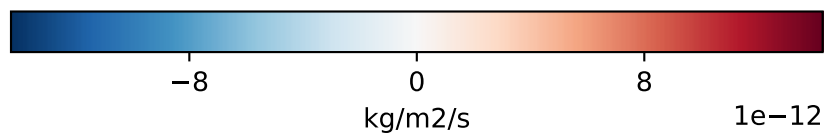# EmisACET_BioBurn

GC_12.6.0 (Ref)
4x5

GCHP_12.6.0 (Dev)
c48

kg/m2/s 1e−11

kg/m2/s 1e−11

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

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

kg/m2/s 1e−11

kg/m2/s 1e−14

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

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

unitless

unitless
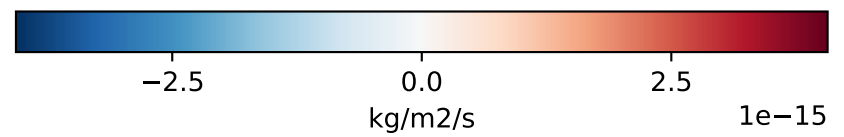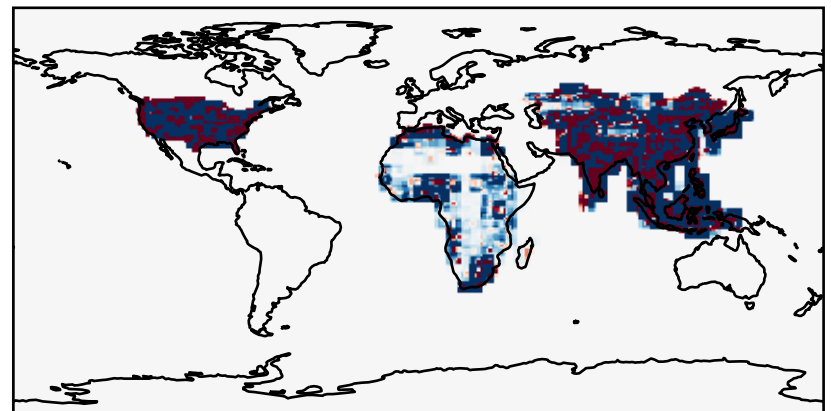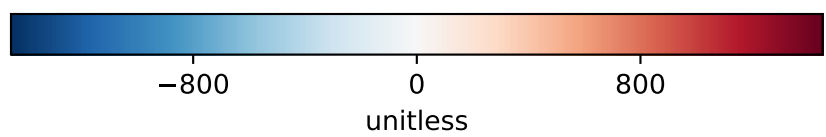
EmisACET_Biogenic

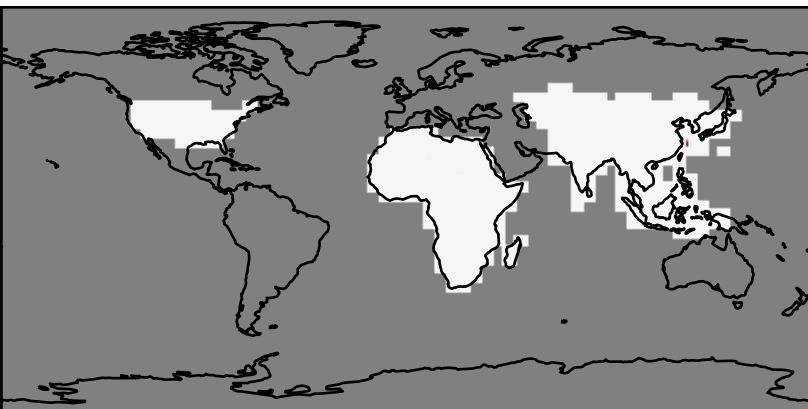GC_12.6.0 (Ref)
4x5

GCHP_12.6.0 (Dev)
c48

kg/m2/s

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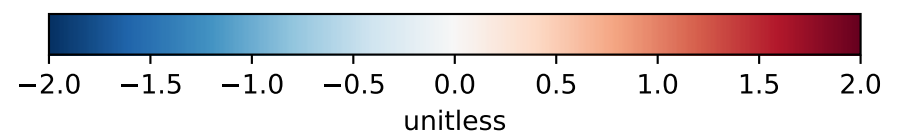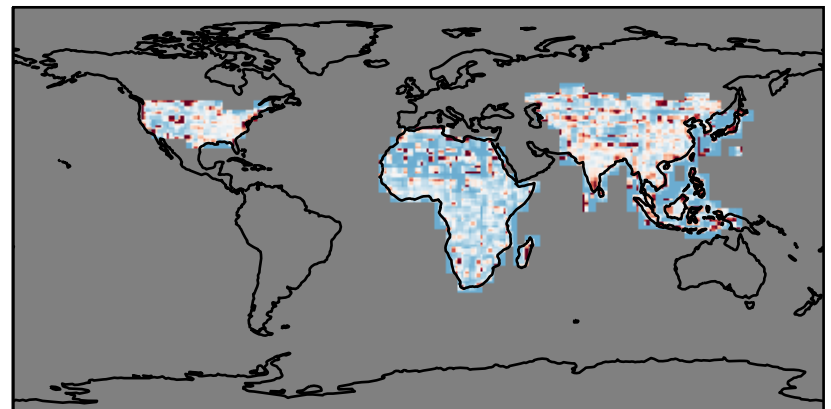Dev - Ref, Dynamic Range

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

kg/m2/s

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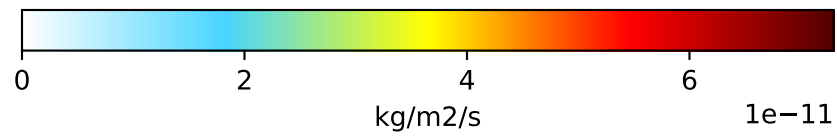(Dev-Ref)/Ref, Dynamic Range

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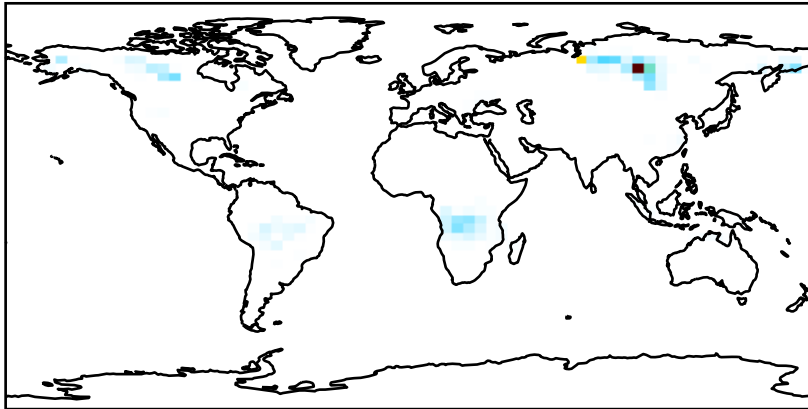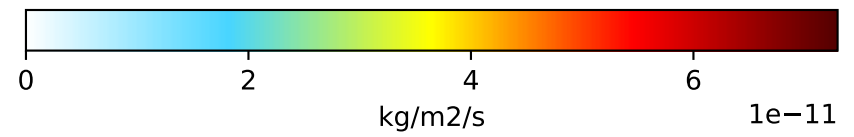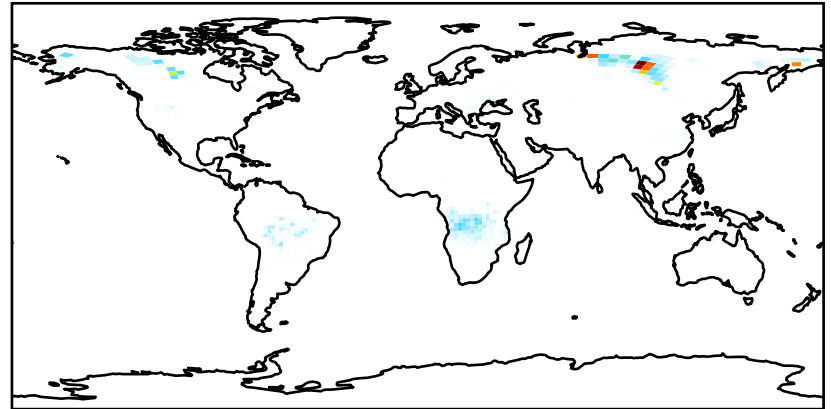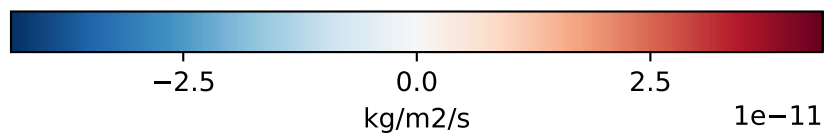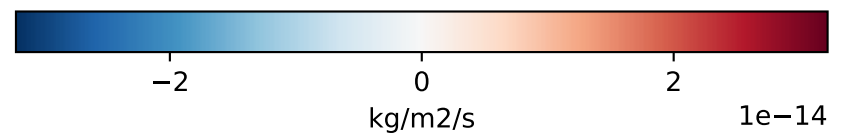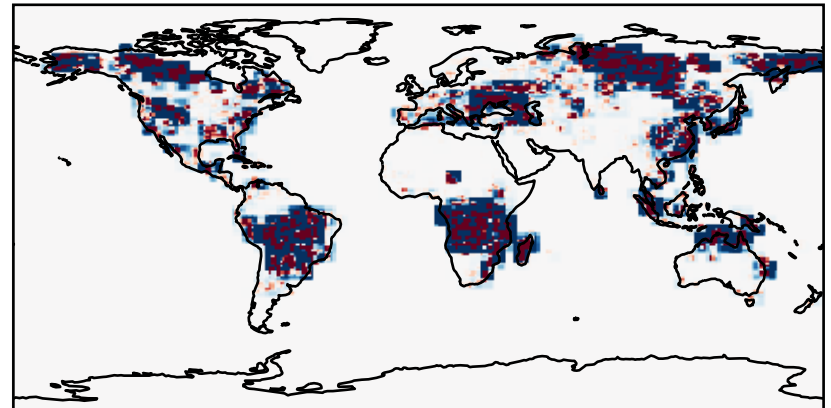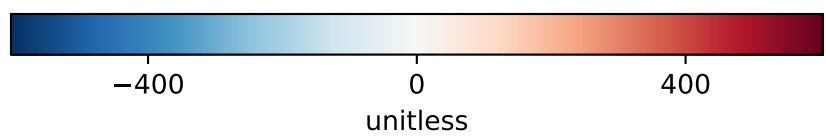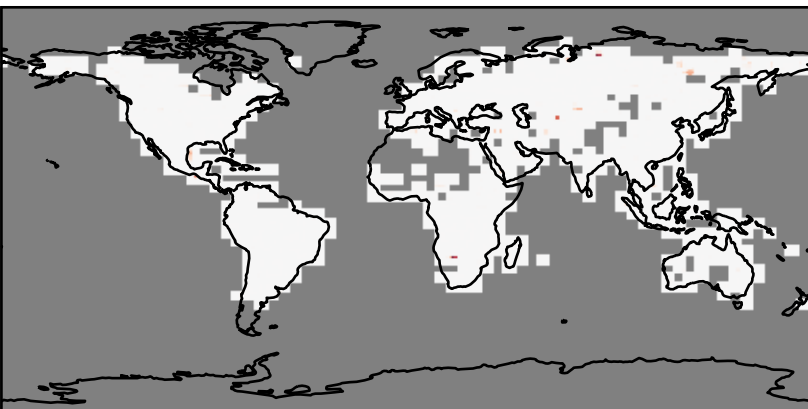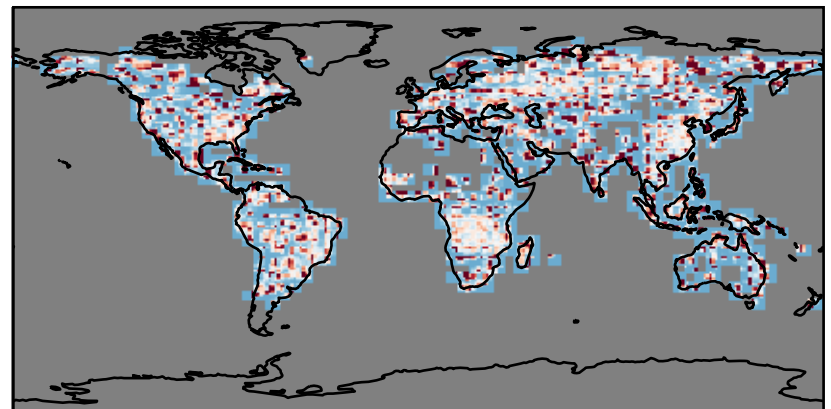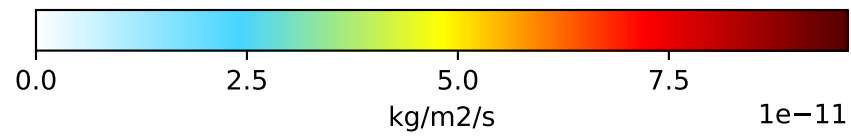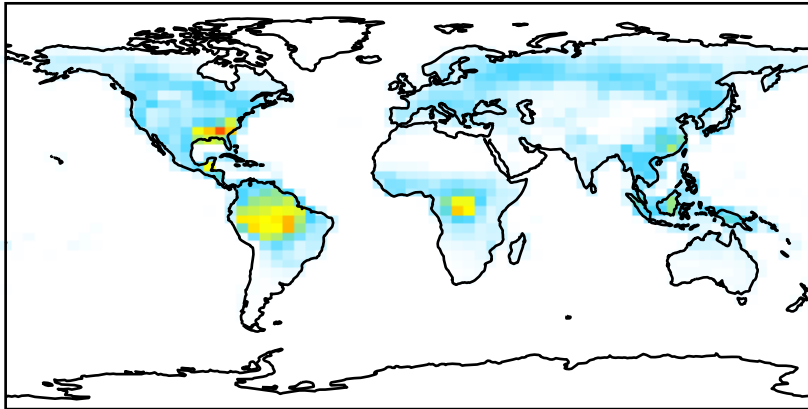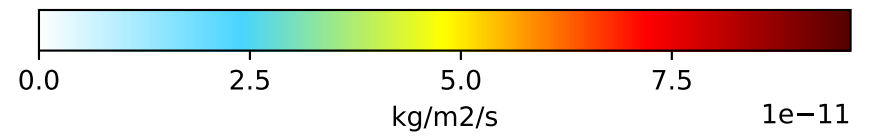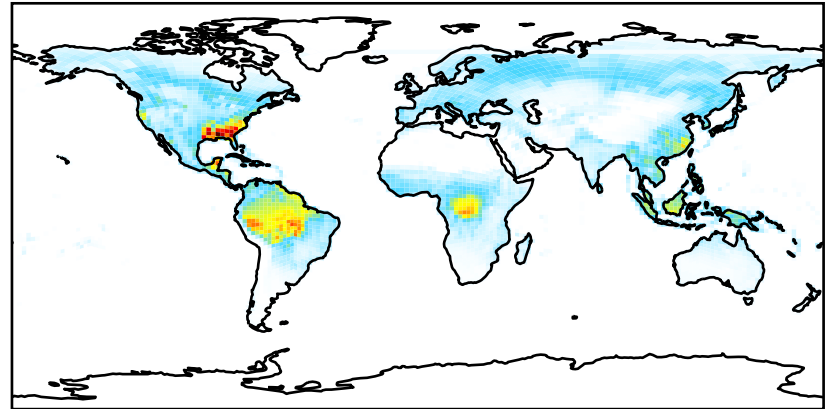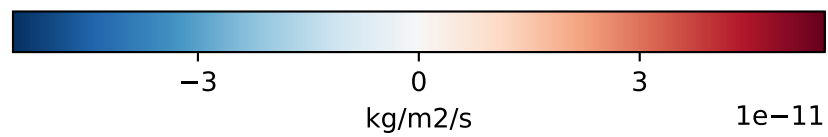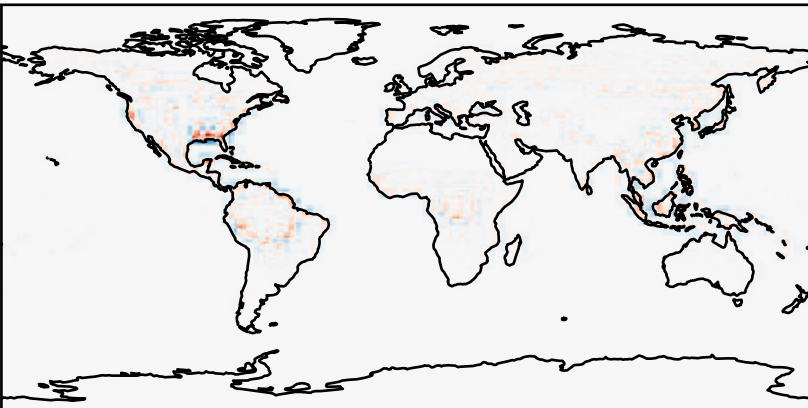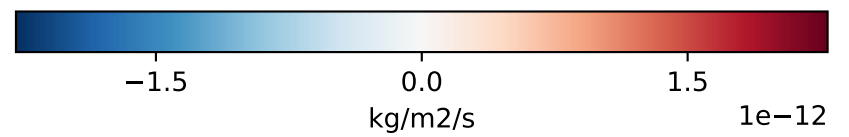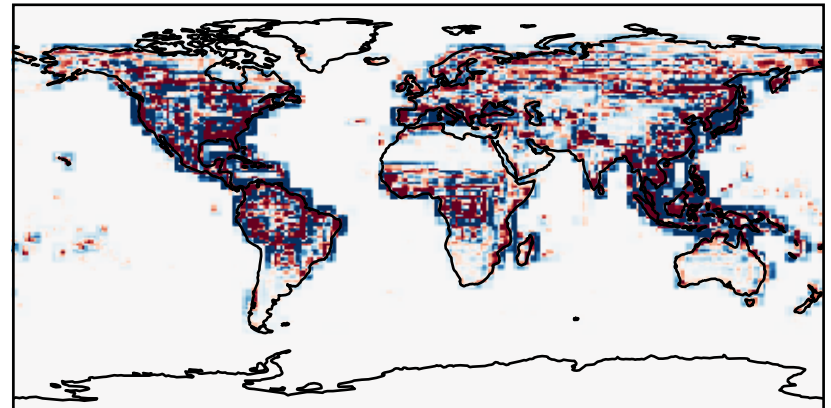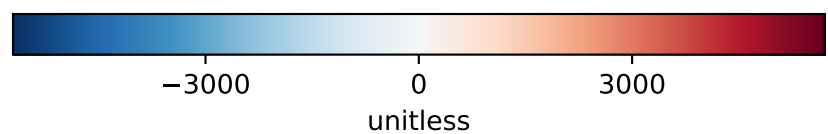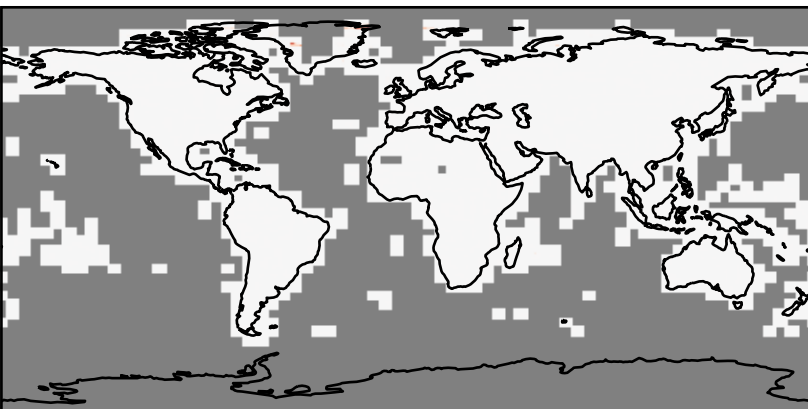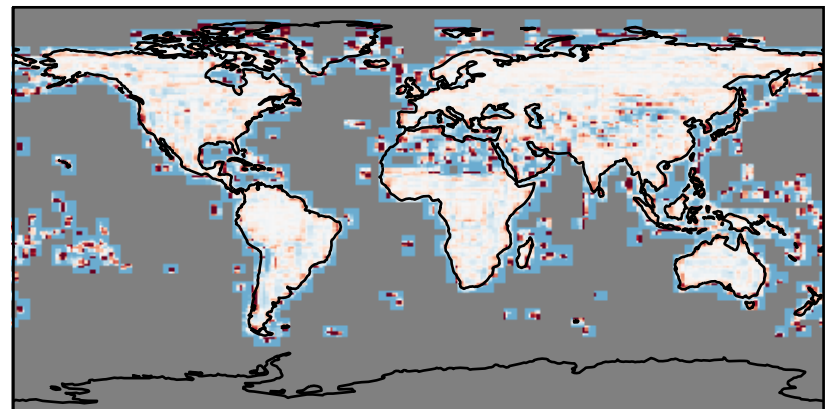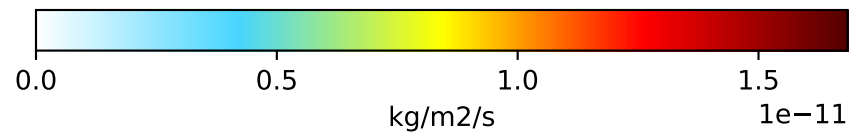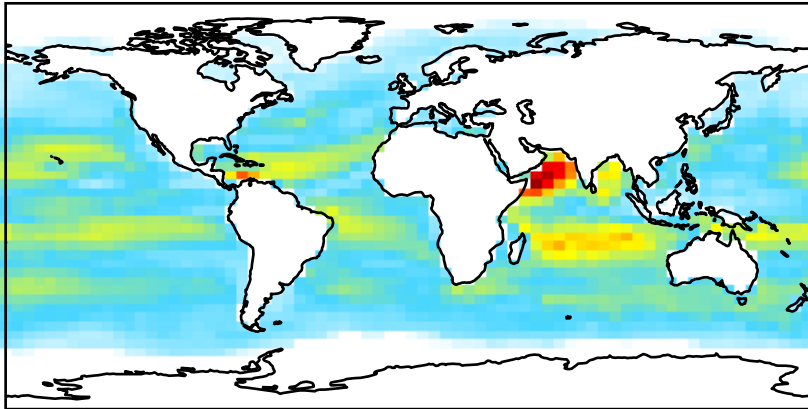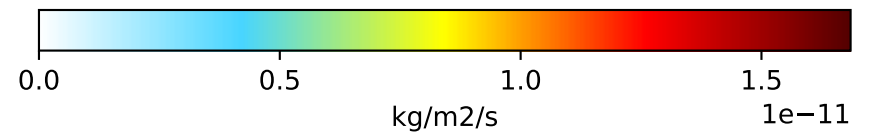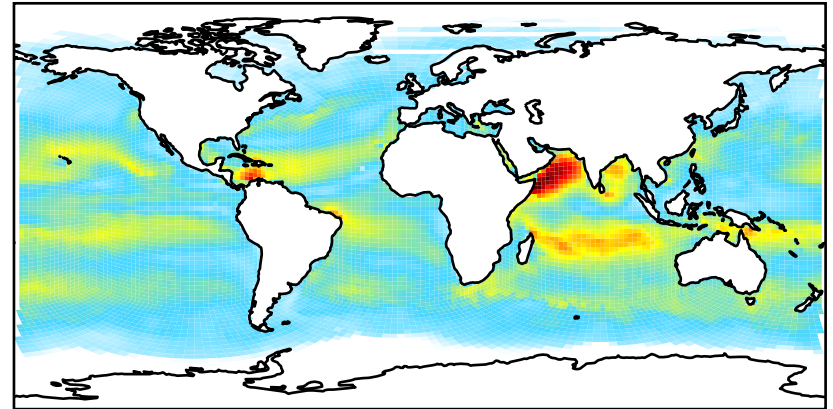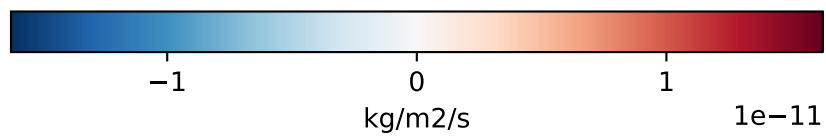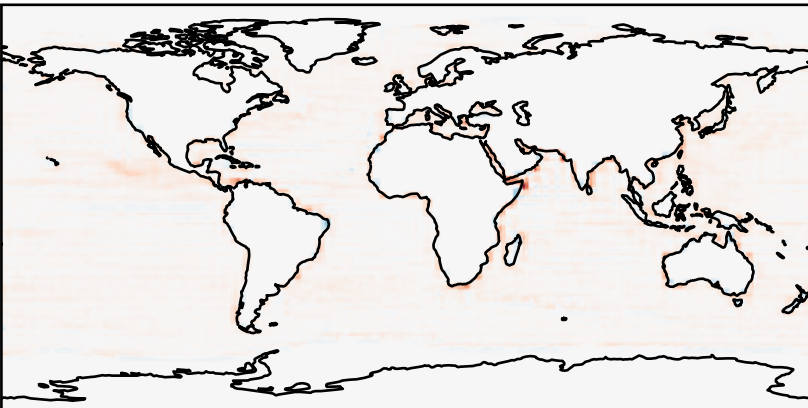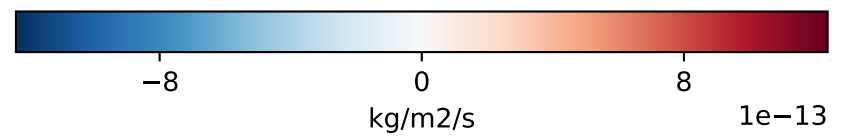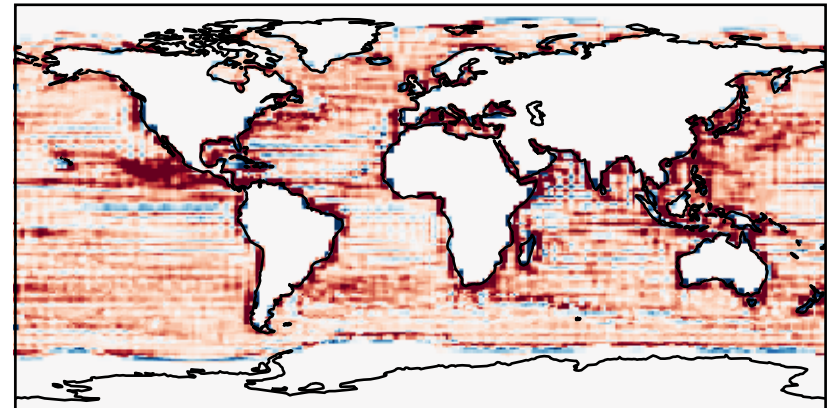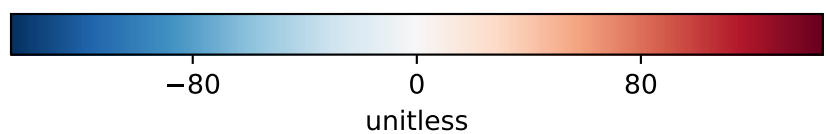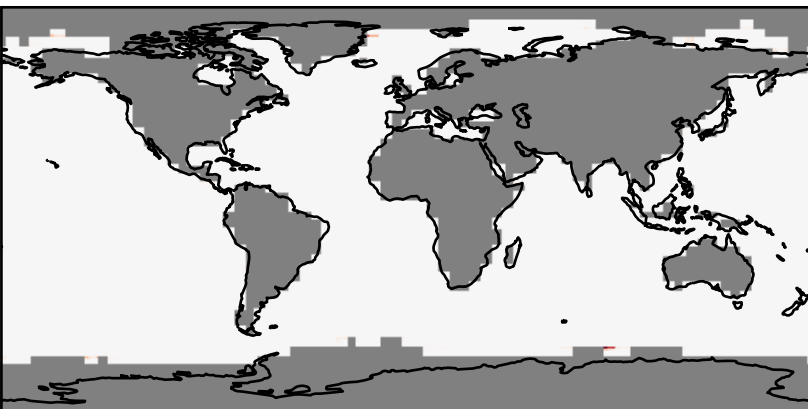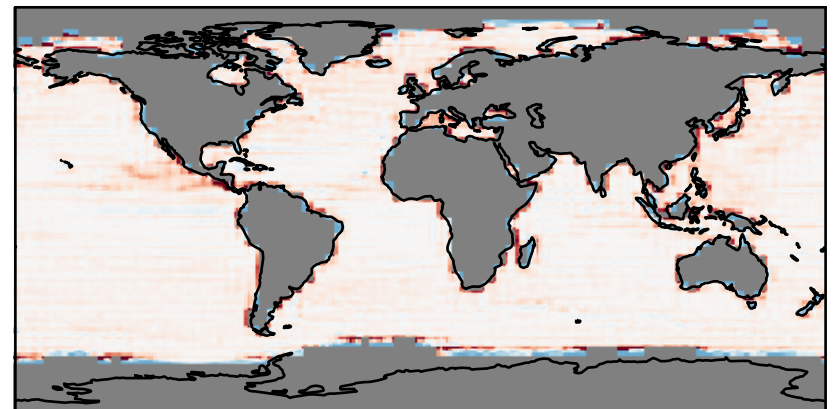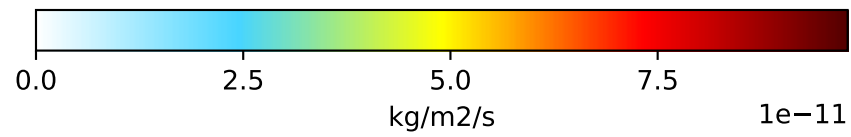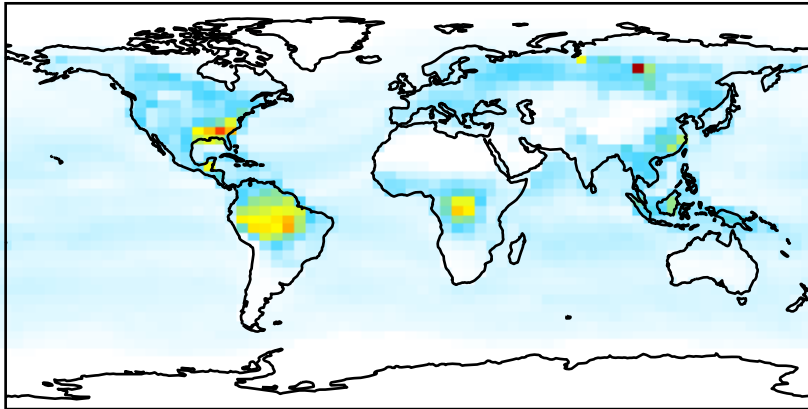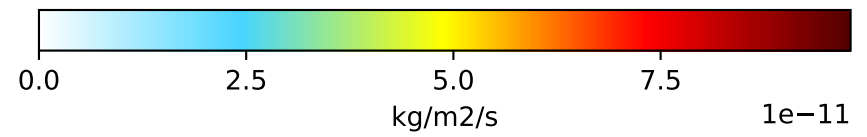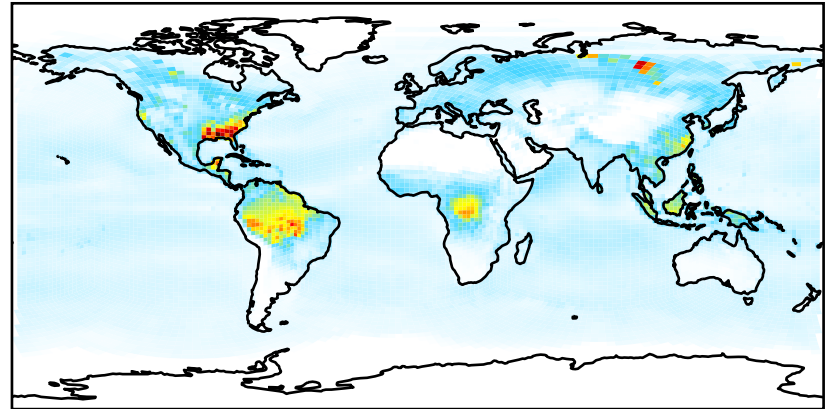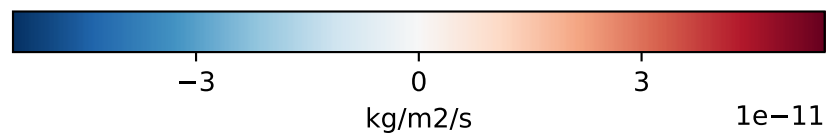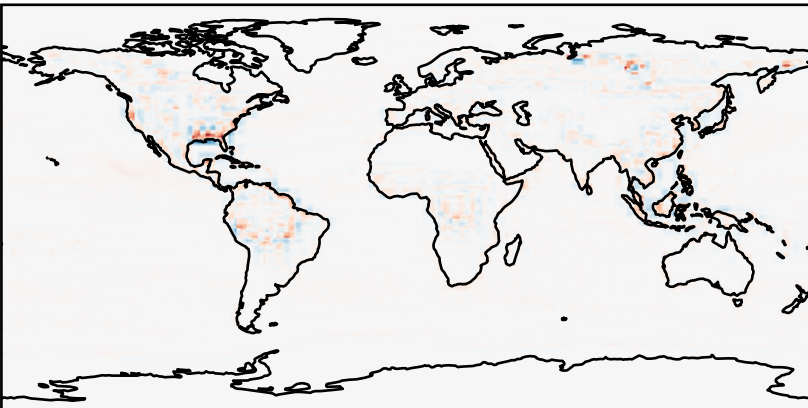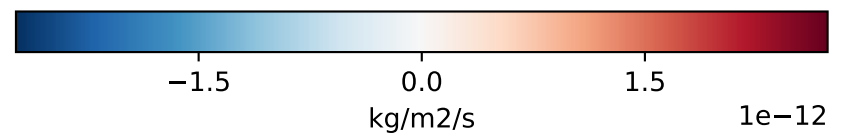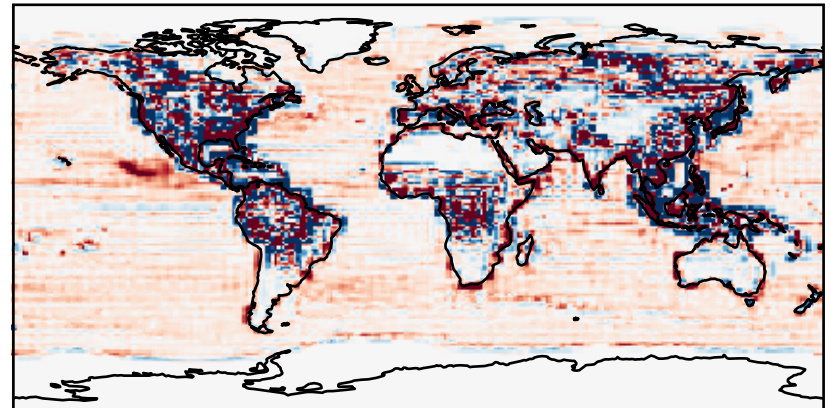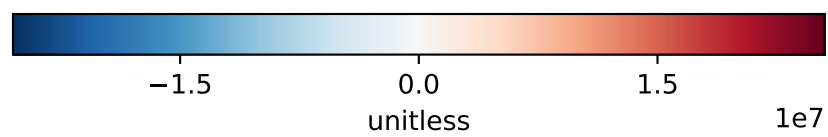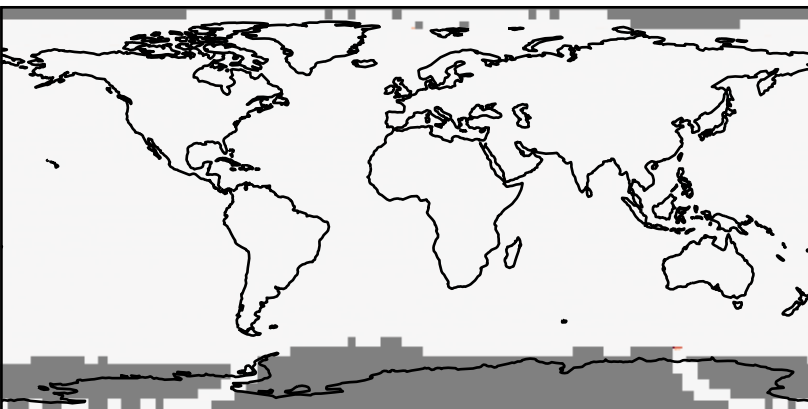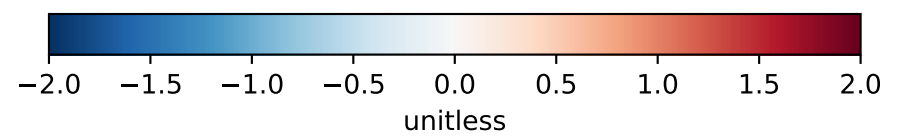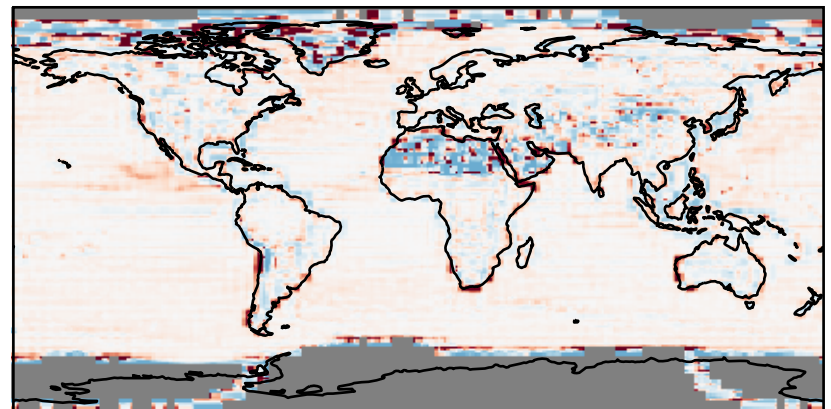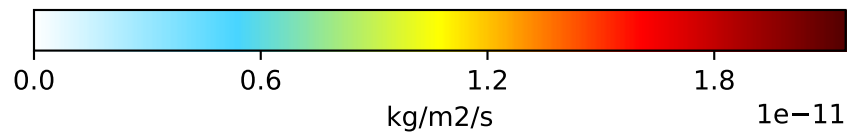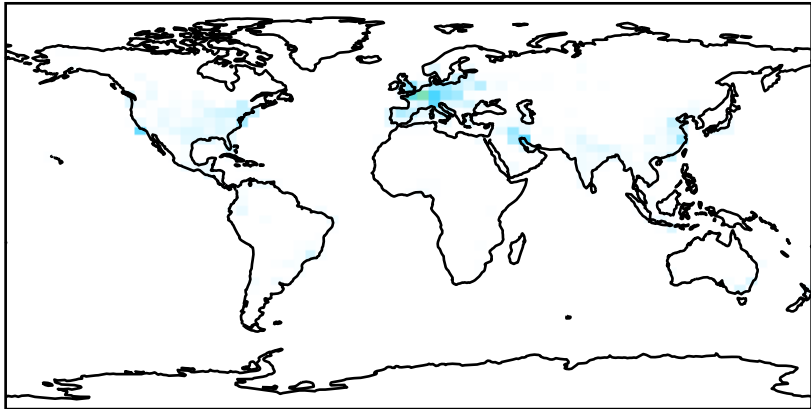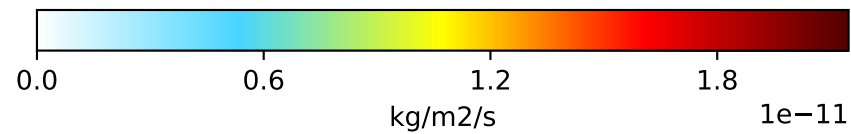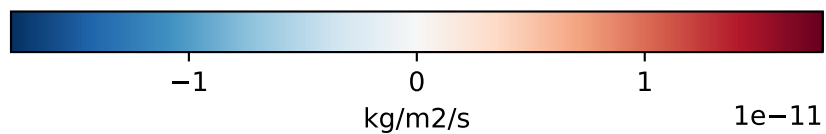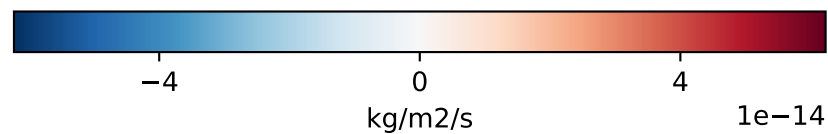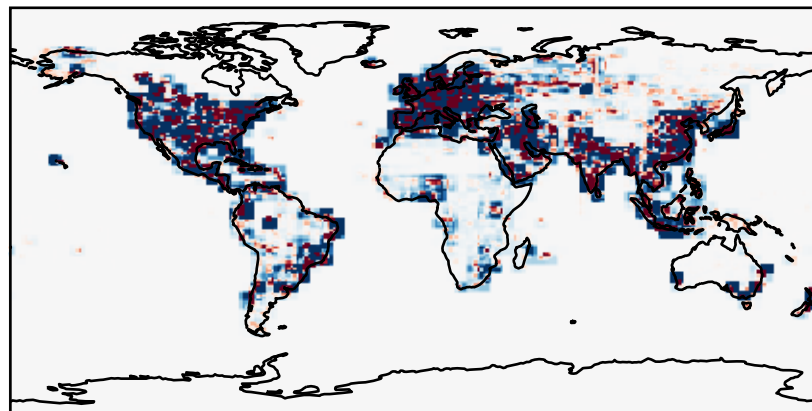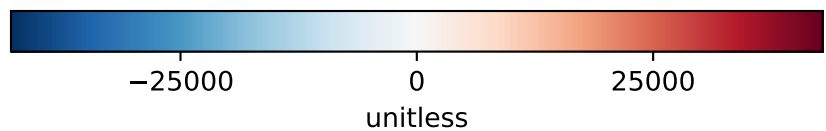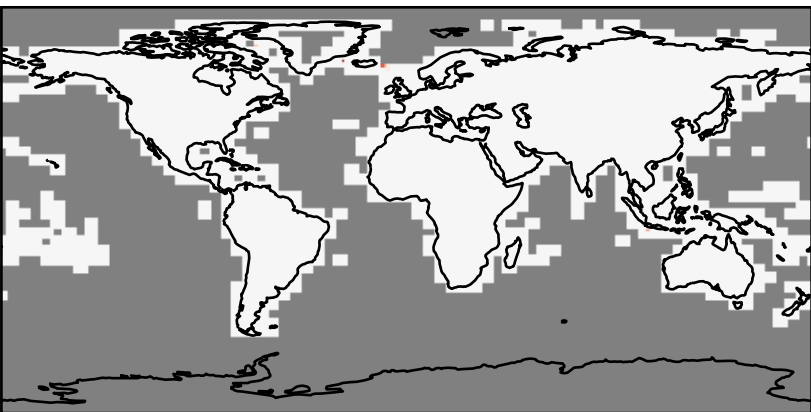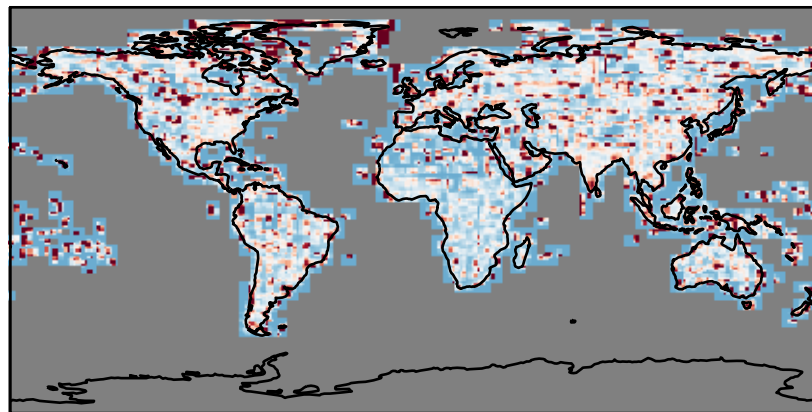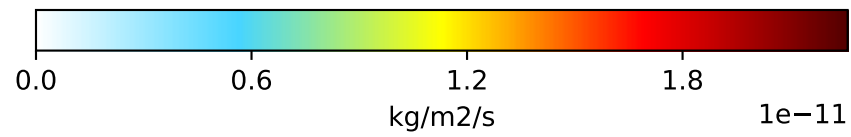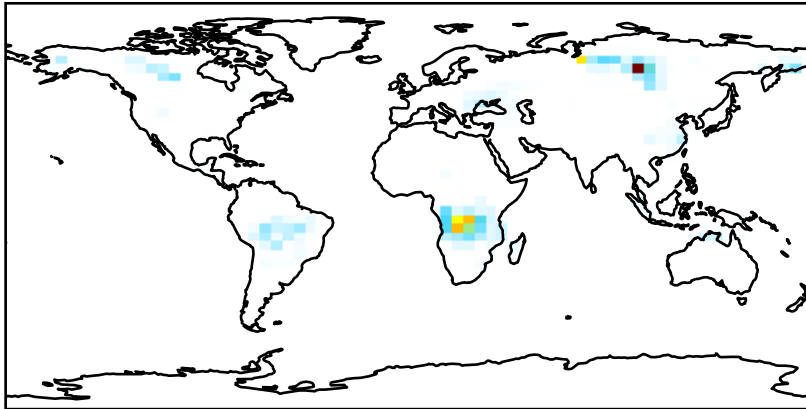(Dev-Ref)/Ref, Fixed Range

unitless

EmisACET_Ocean

EmisACET_Total

EmisMEK_Anthro
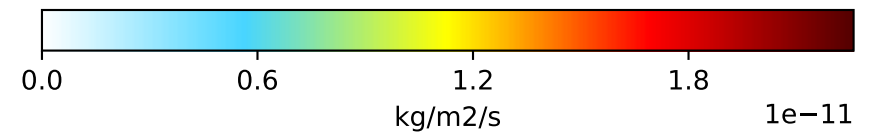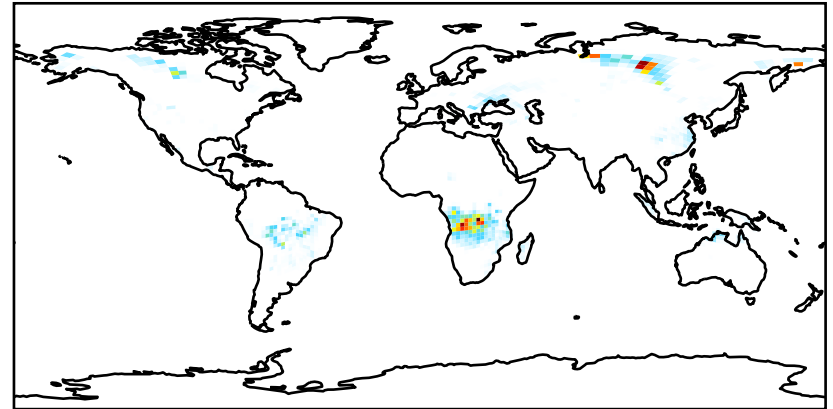
EmisMEK_BioBurn

GC_12.6.0 (Ref)
4x5

kg/m2/s

GCHP_12.6.0 (Dev)
c48

kg/m2/s

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

kg/m2/s

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

kg/m2/s

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

unitless

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

unitless
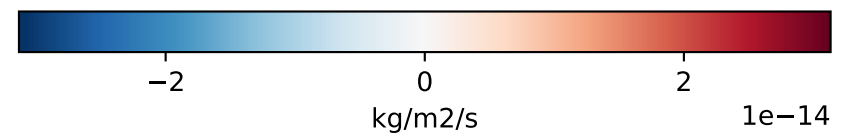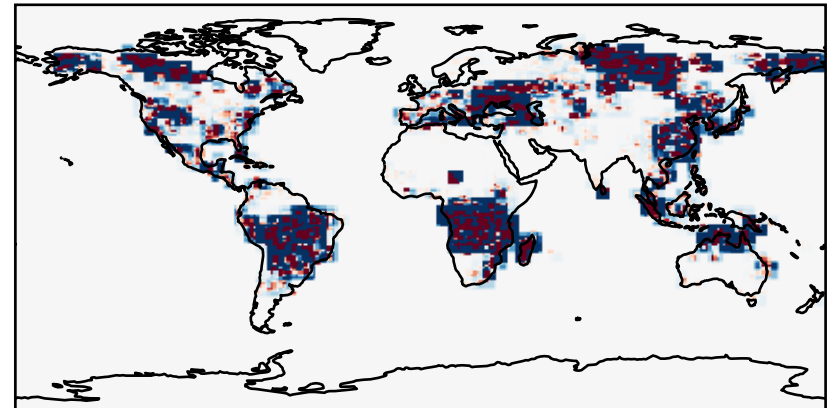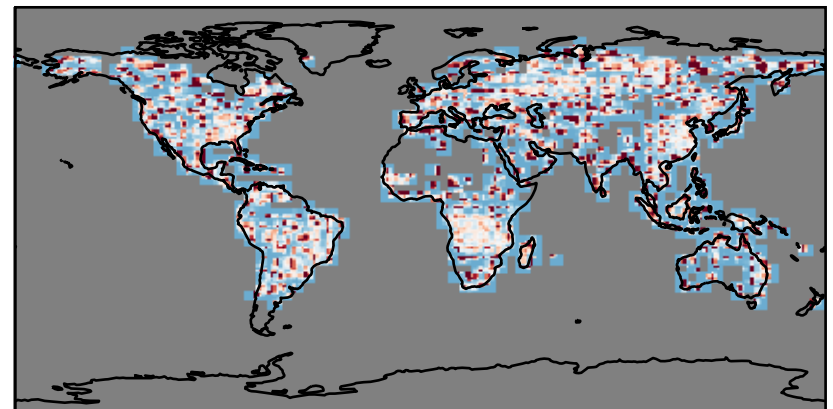
EmisMEK_Ship

GC_12.6.0 (Ref)
4x5
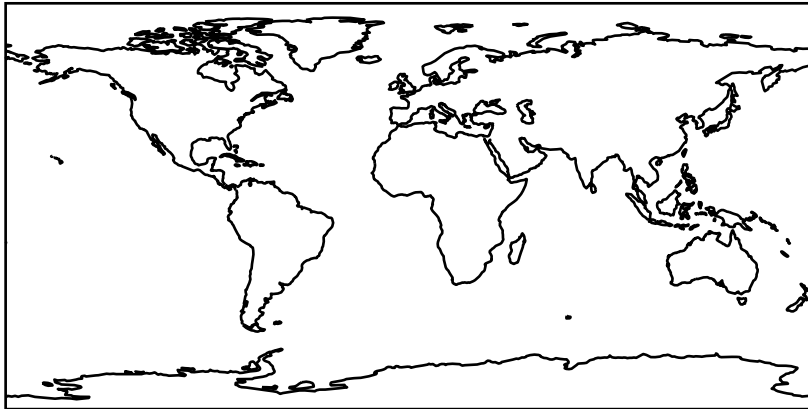
Zero throughout domain
kg/m2/s

GCHP_12.6.0 (Dev)
c48

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

EmisMEK_Total

EmisMVK_Anthro

EmisALD2_Anthro

EmisALD2_BioBurn

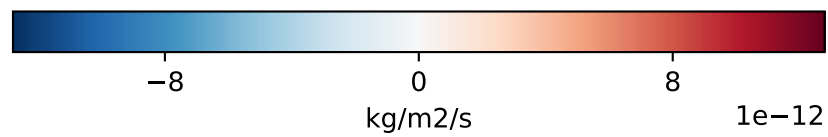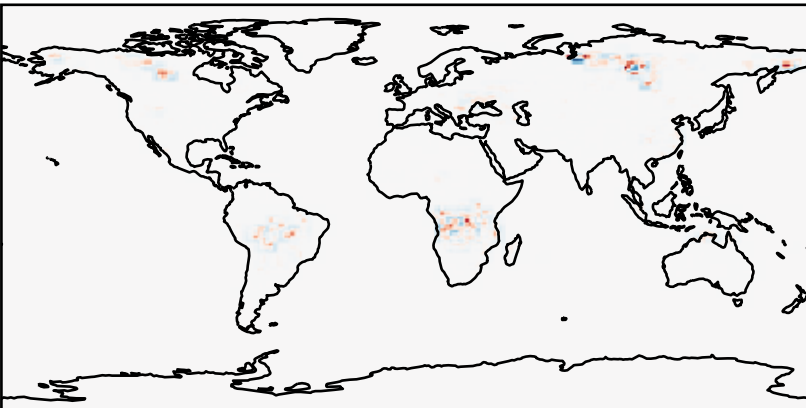# EmisALD2_Biogenic

EmisALD2_Ocean

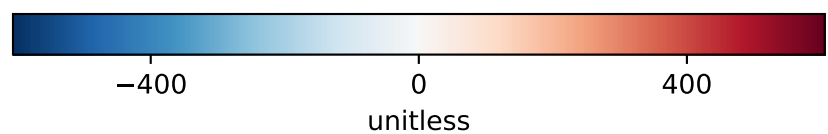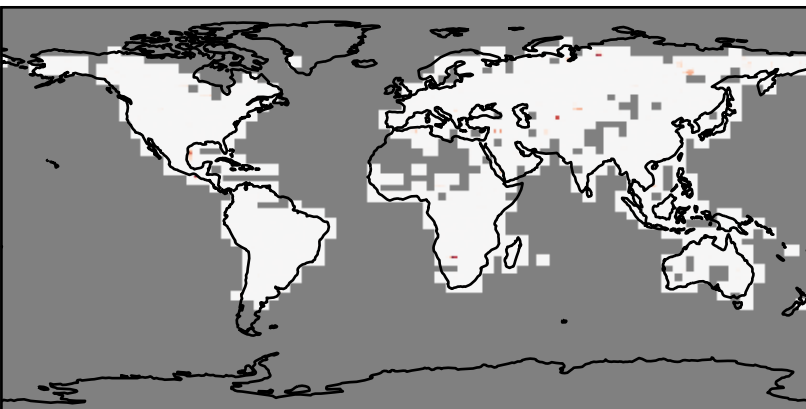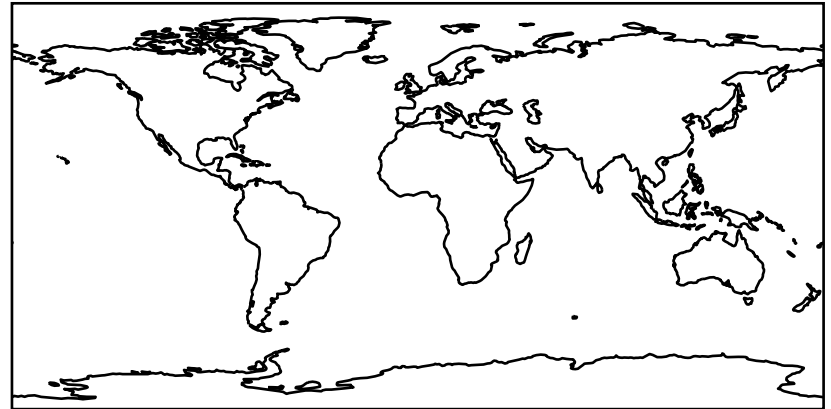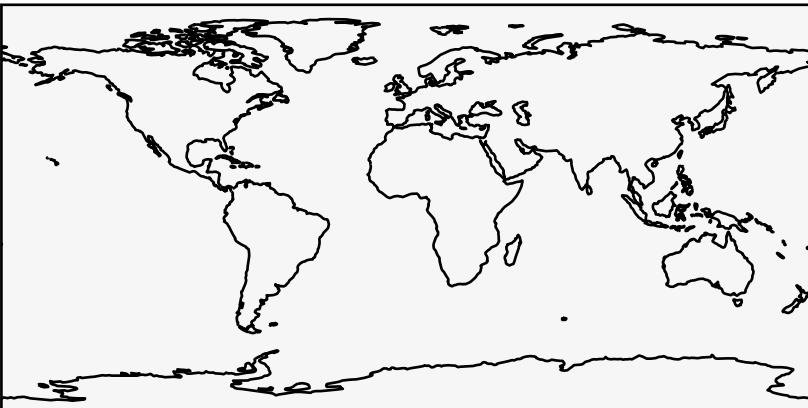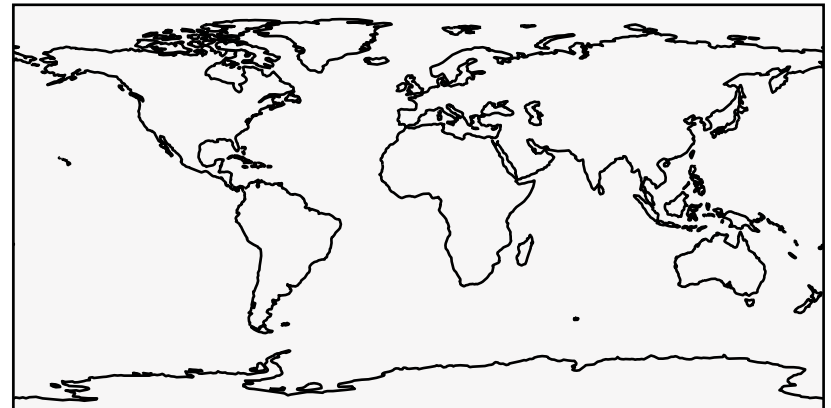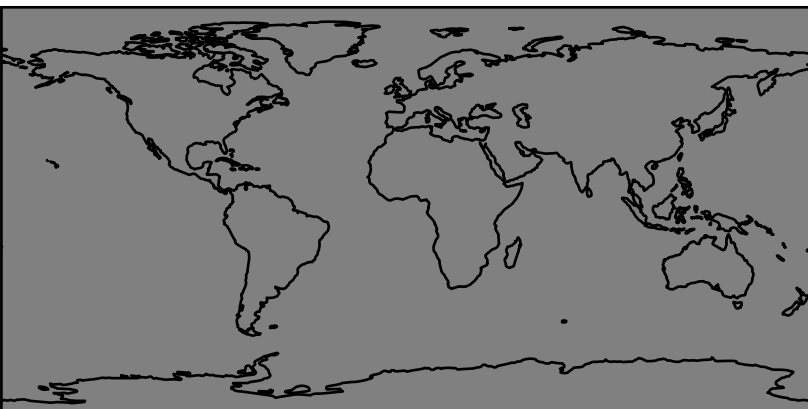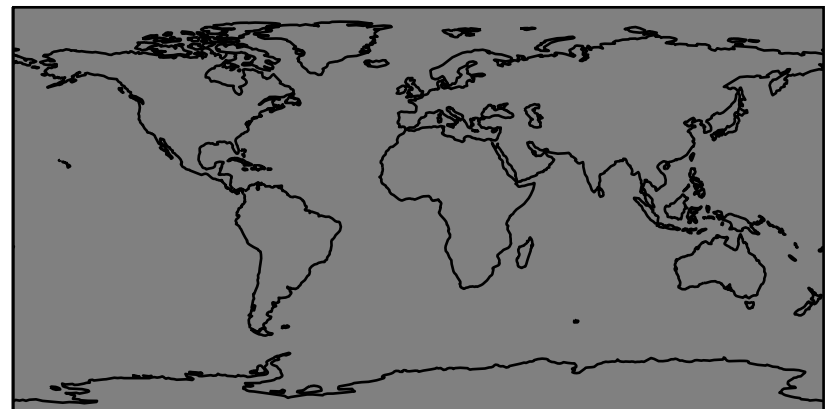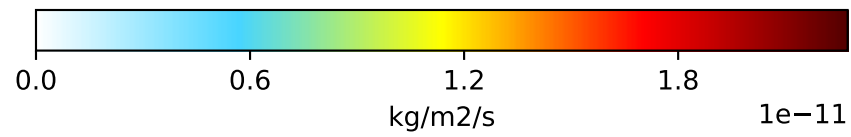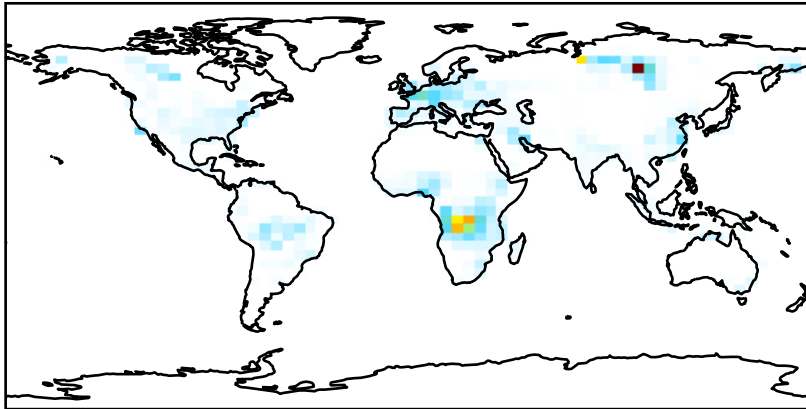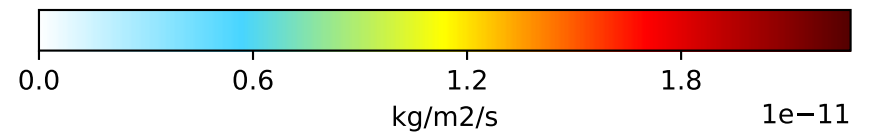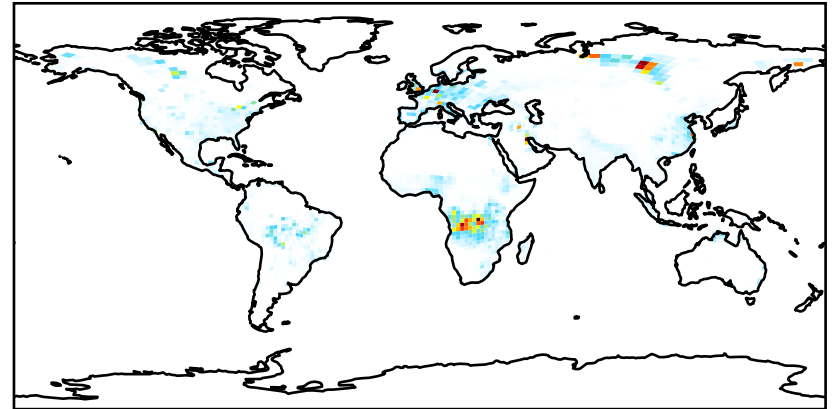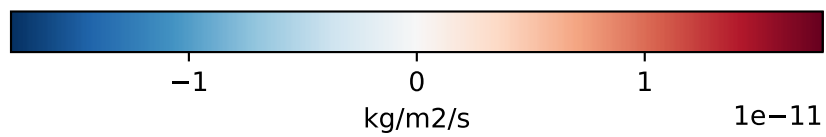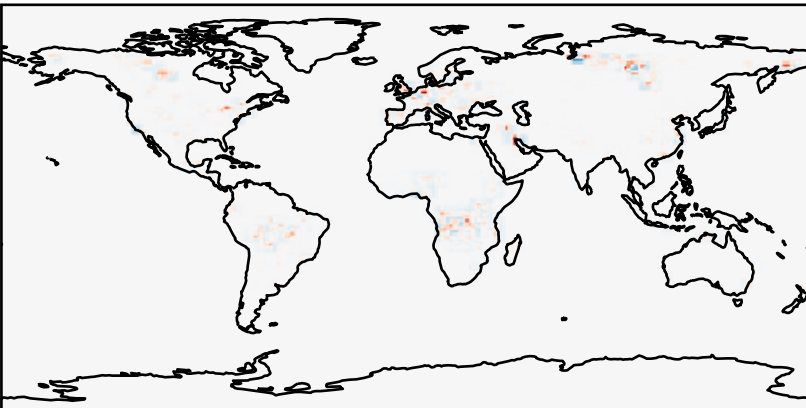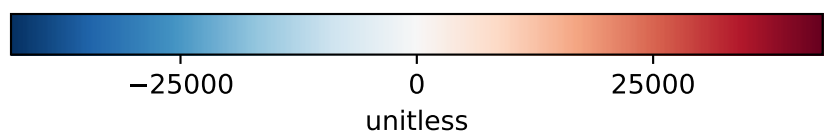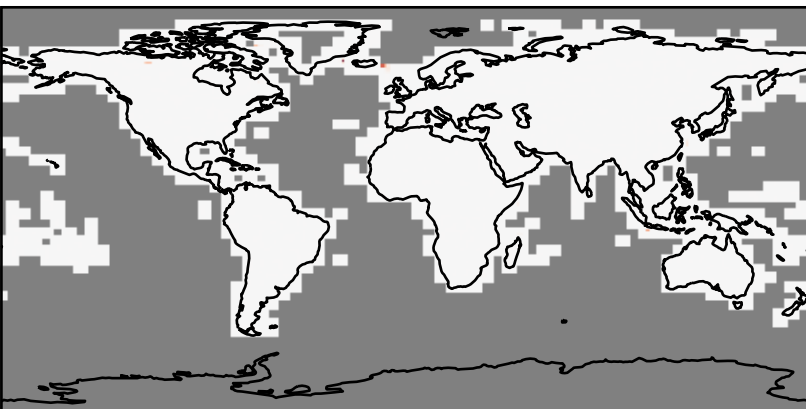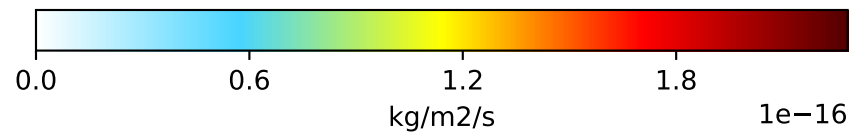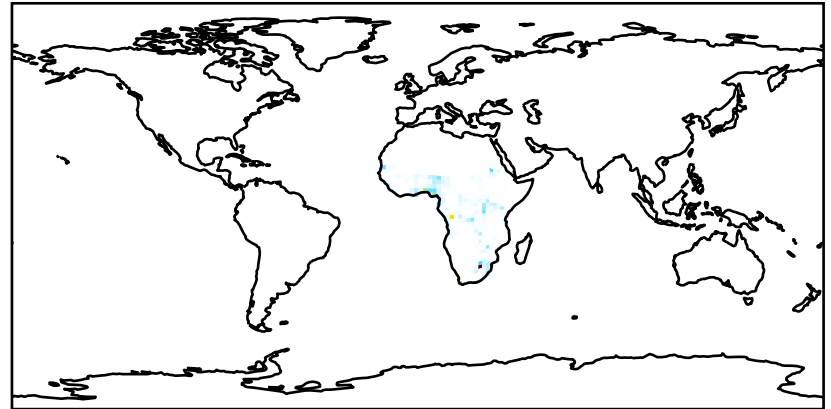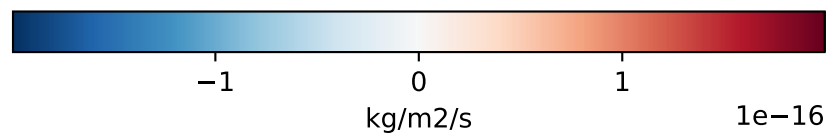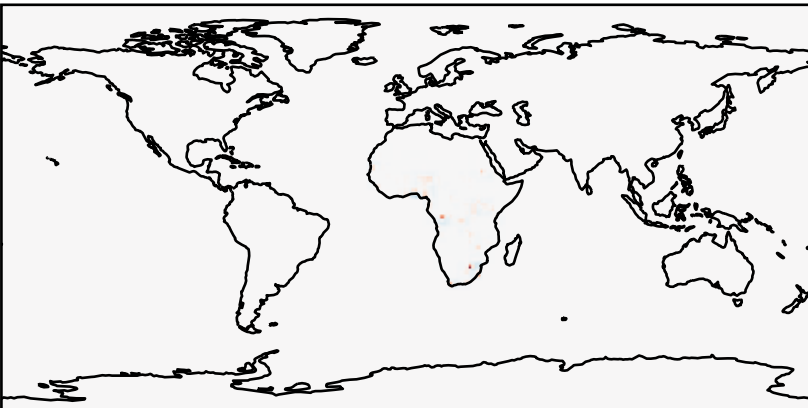EmisALD2_PlantDecay

EmisALD2_Ship

GC_12.6.0 (Ref)
4x5

GCHP_12.6.0 (Dev)
c48

Zero throughout domain
kg/m2/s

Zero throughout domain
kg/m2/s

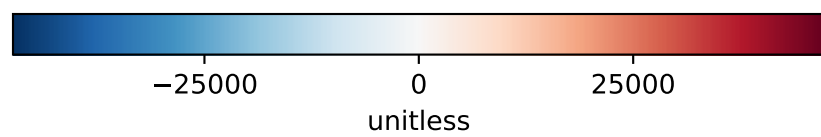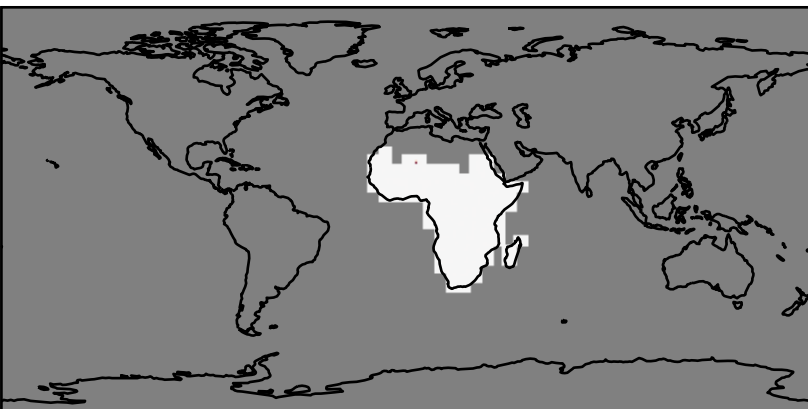### Difference (1x1.25)
Dev - Ref, Dynamic Range

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

Zero throughout domain
kg/m2/s

Zero throughout domain
kg/m2/s

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

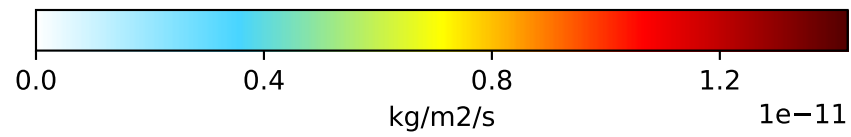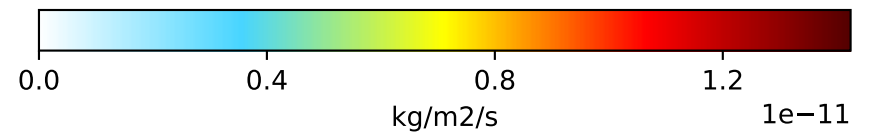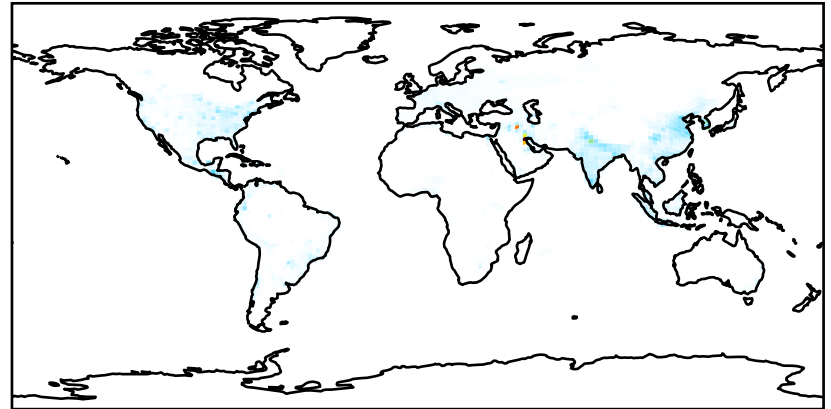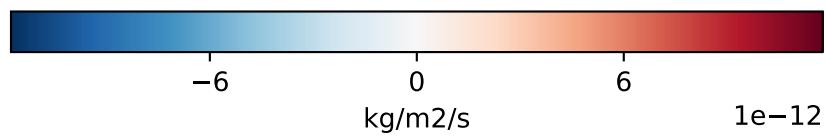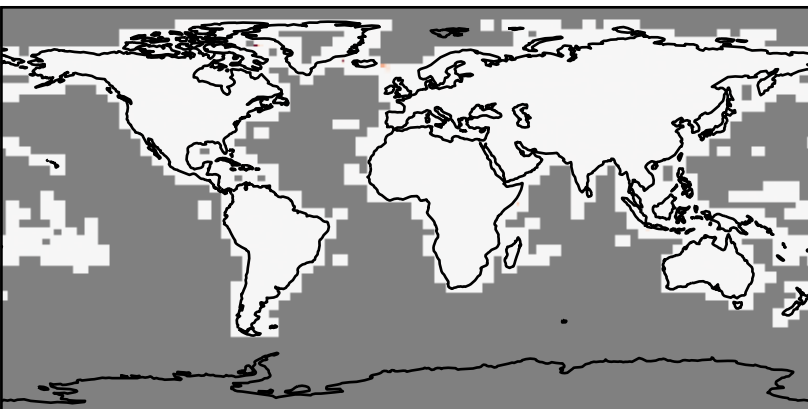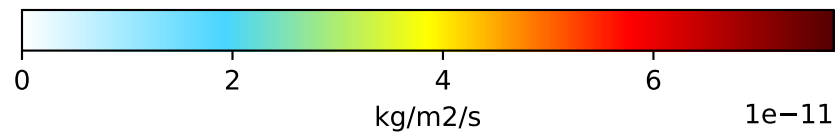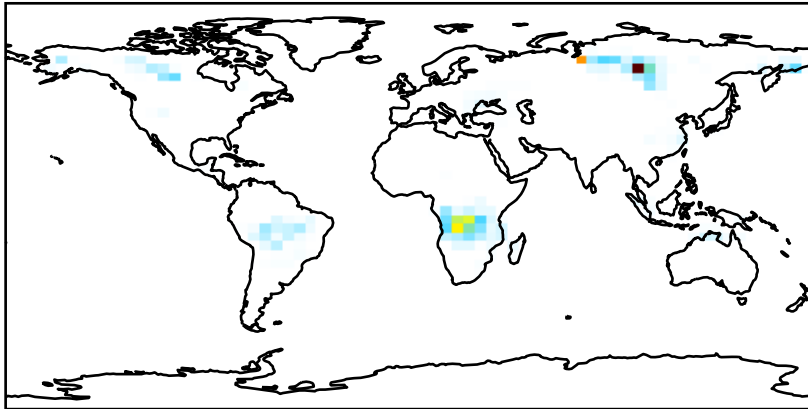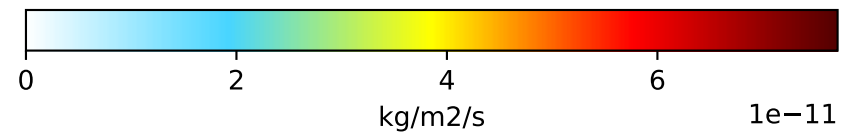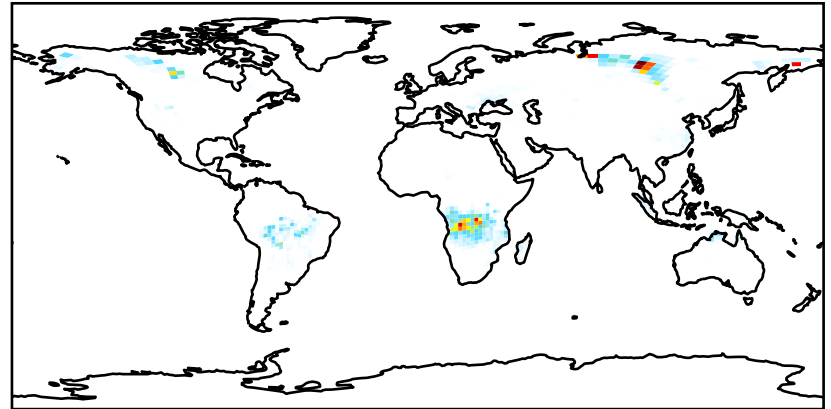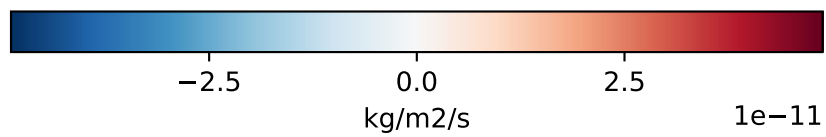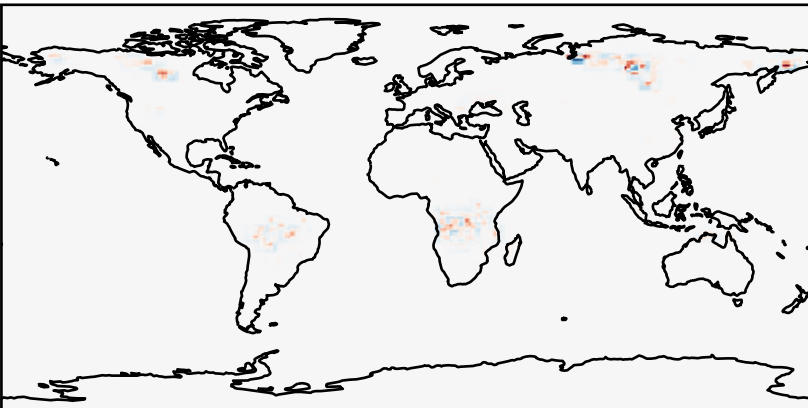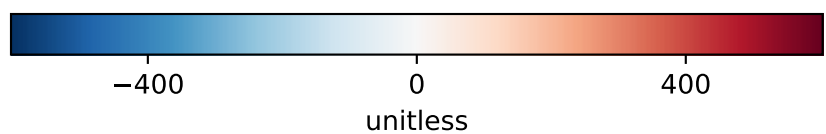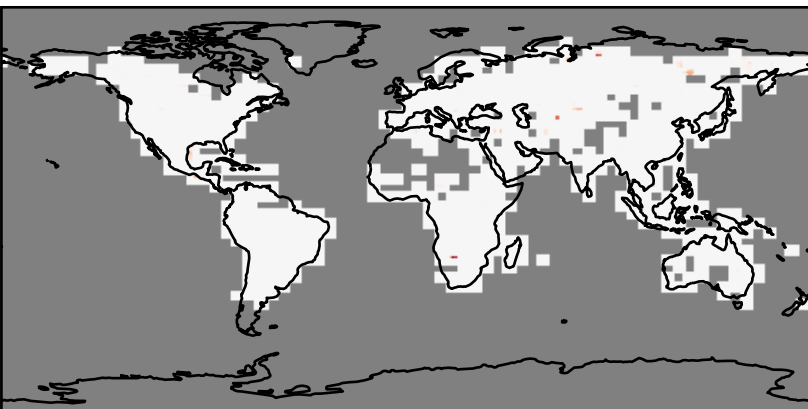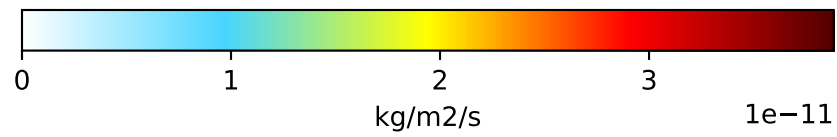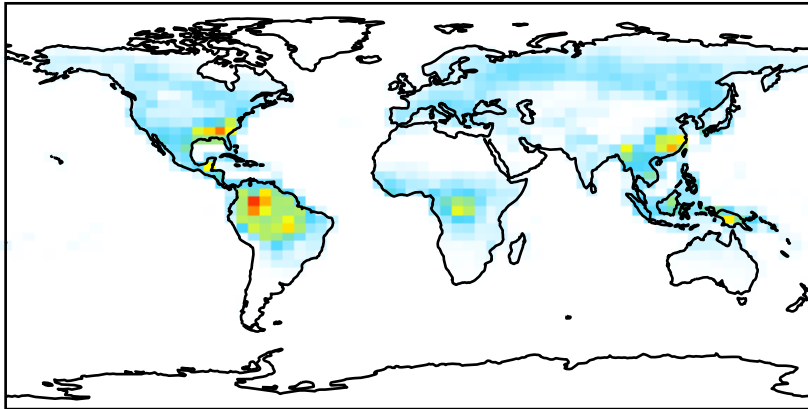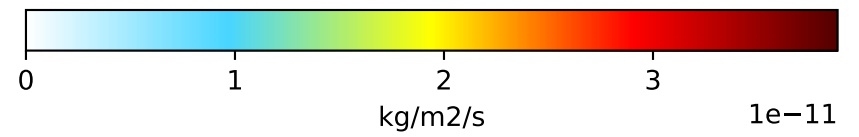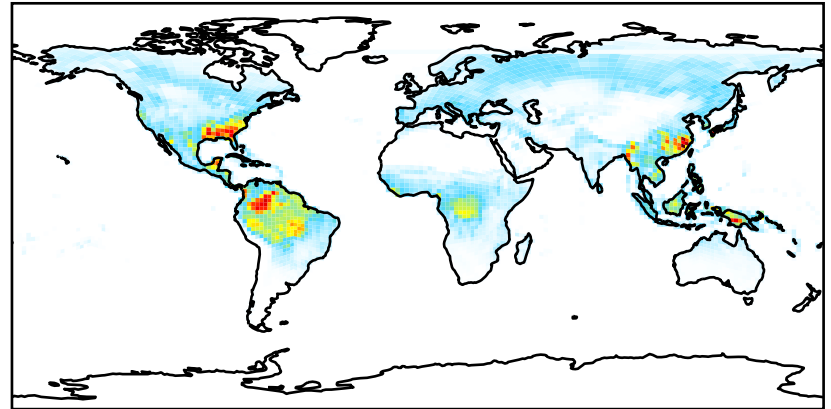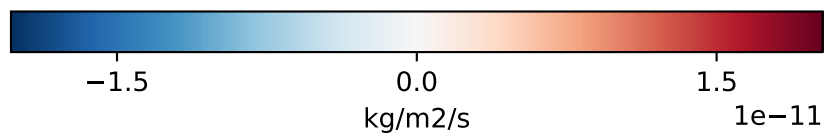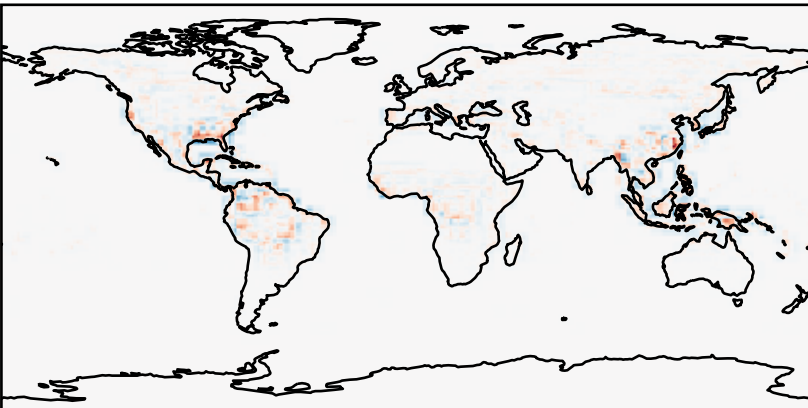### Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

Undefined throughout domain
unitless

Undefined throughout domain
unitless

EmisALD2_Total

EmisCH2O_Aircraft

EmisCH2O_Anthro

EmisCH2O_BioBurn

EmisCH2O_Ship

GC_12.6.0 (Ref)
4x5

Zero throughout domain
kg/m2/s

GCHP_12.6.0 (Dev)
c48

Zero throughout domain
kg/m2/s

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

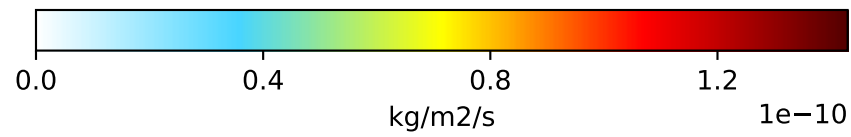Zero throughout domain
kg/m2/s

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

EmisCH2O_Total

GC_12.6.0 (Ref)
4x5

GCHP_12.6.0 (Dev)
c48

kg/m2/s

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

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

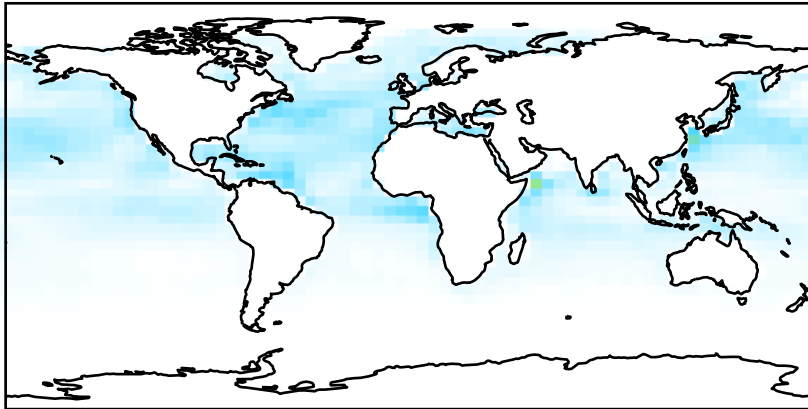kg/m2/s

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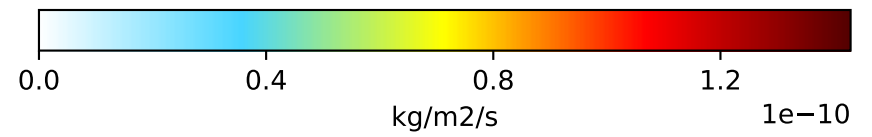
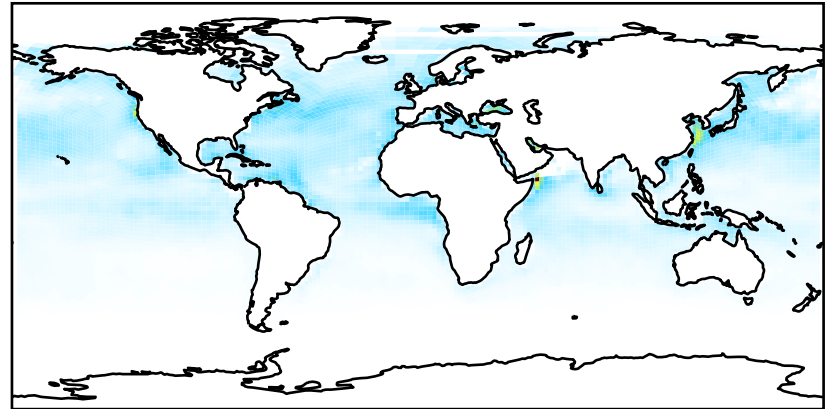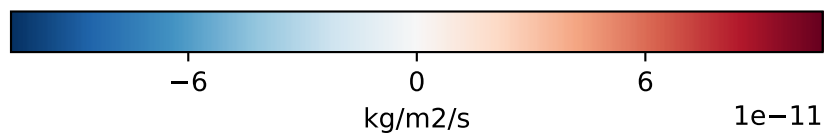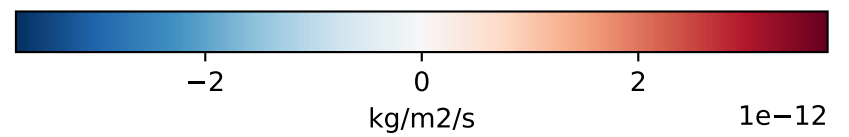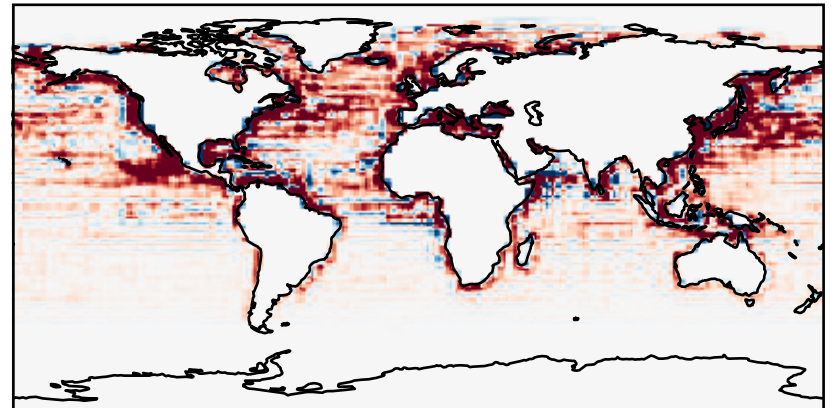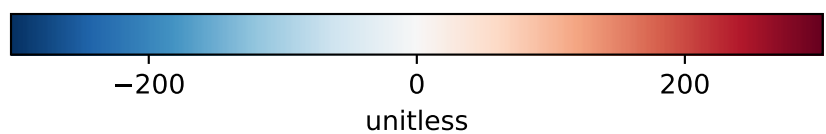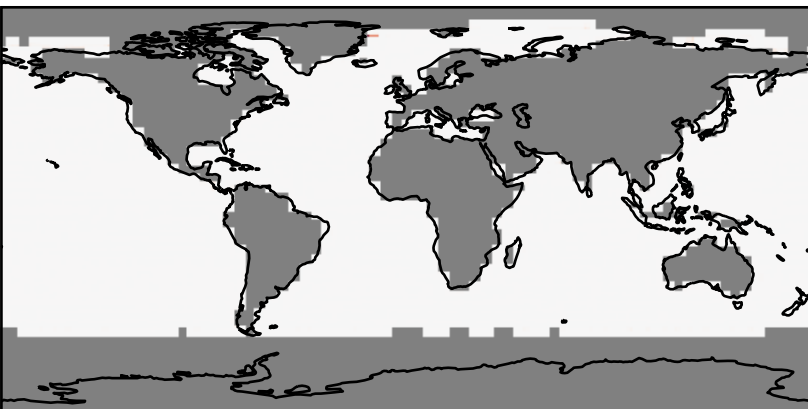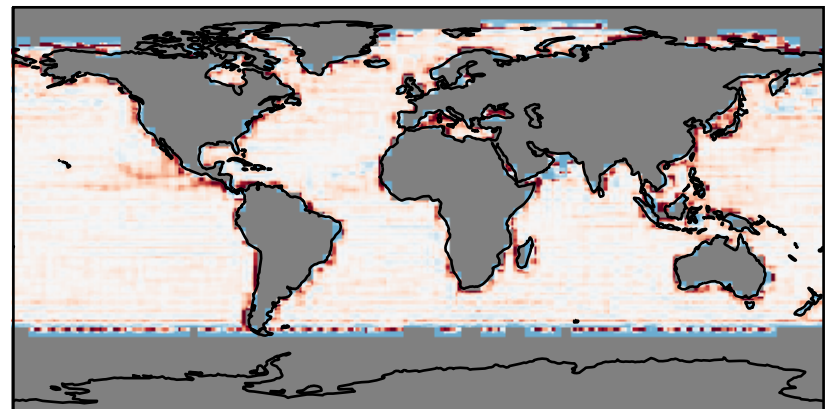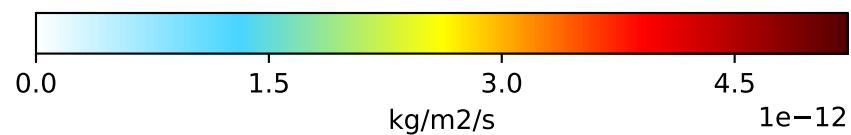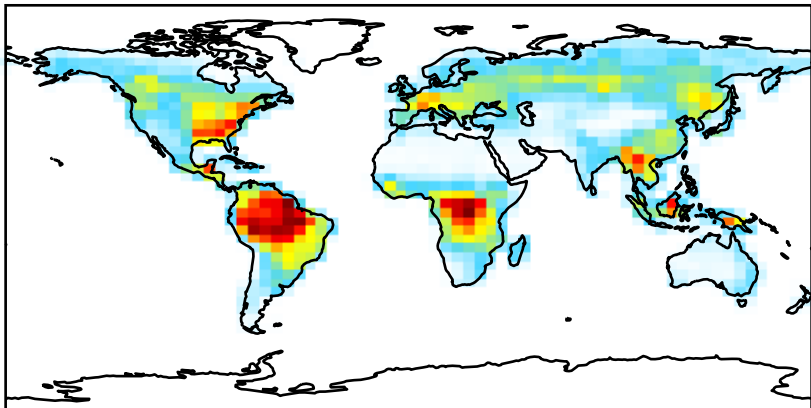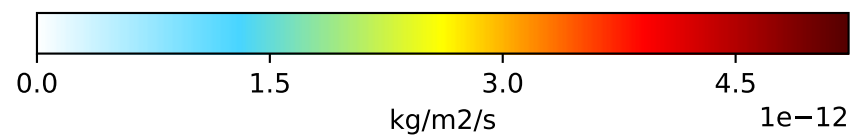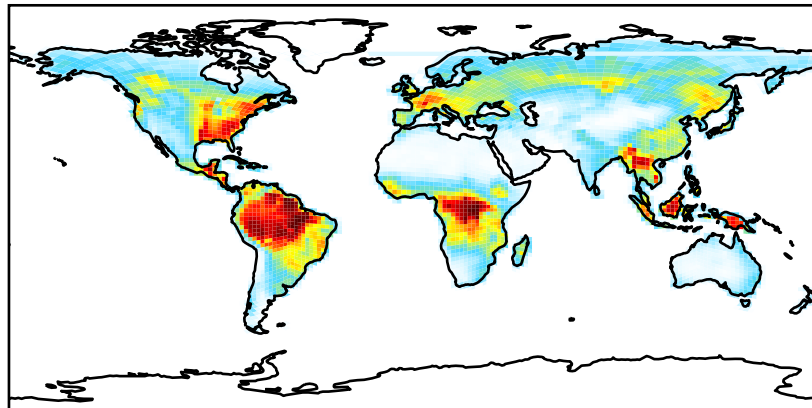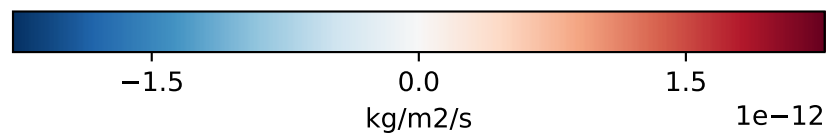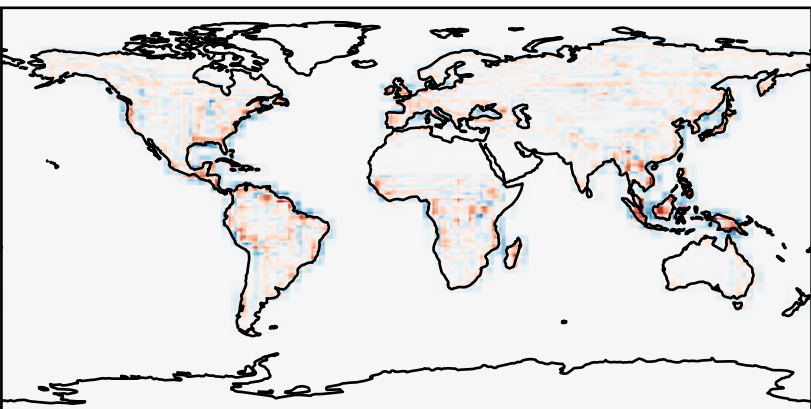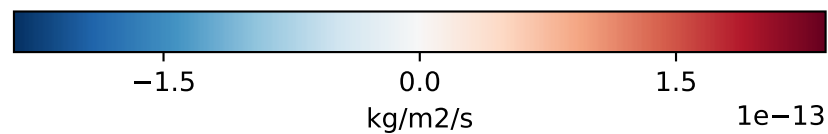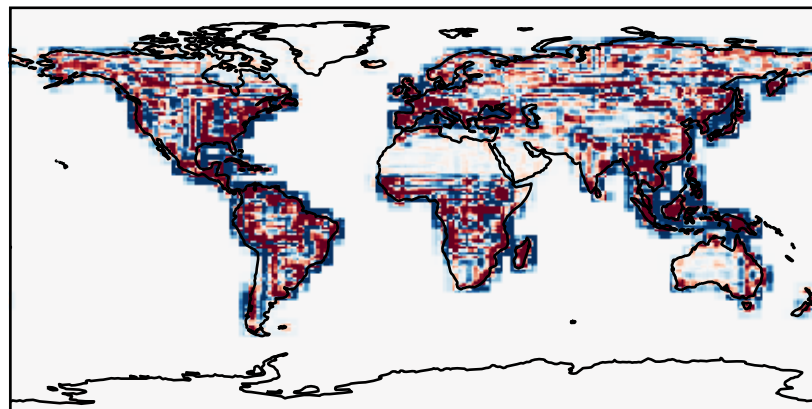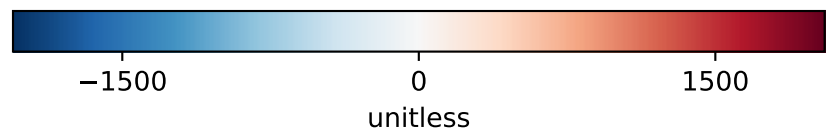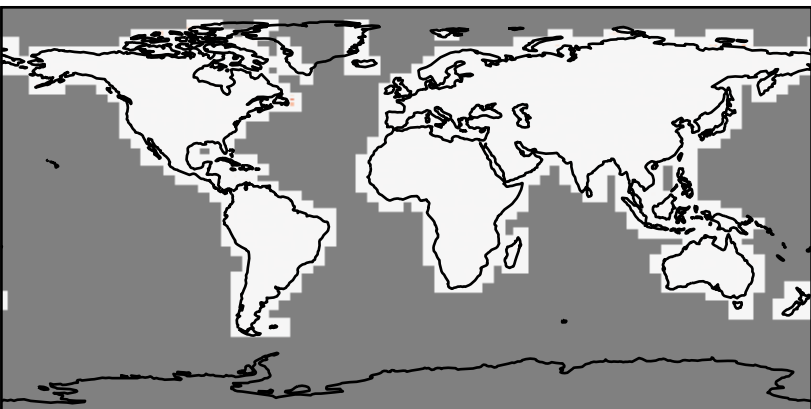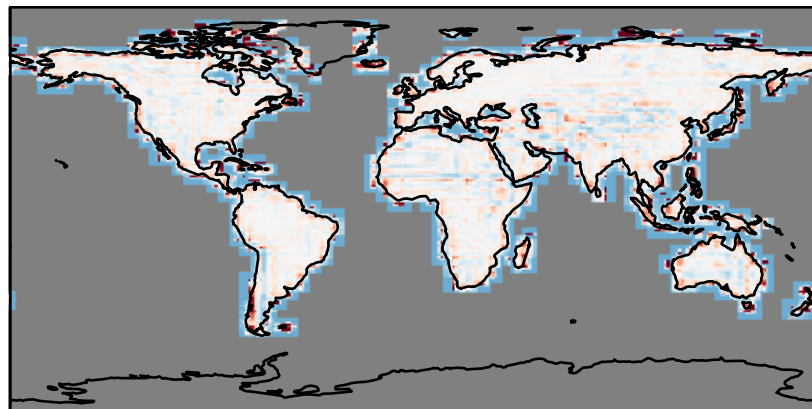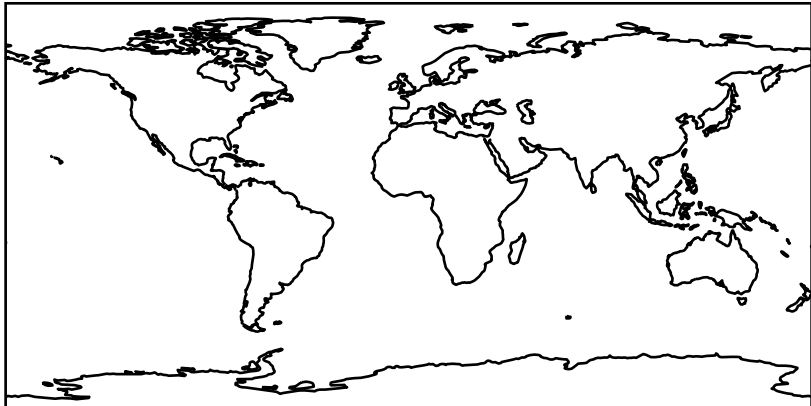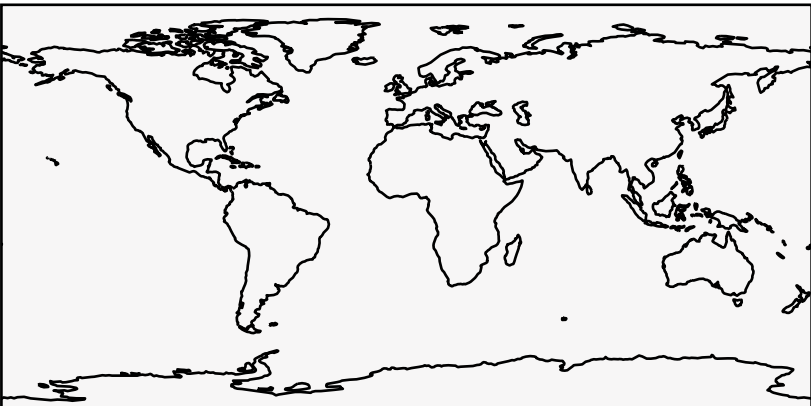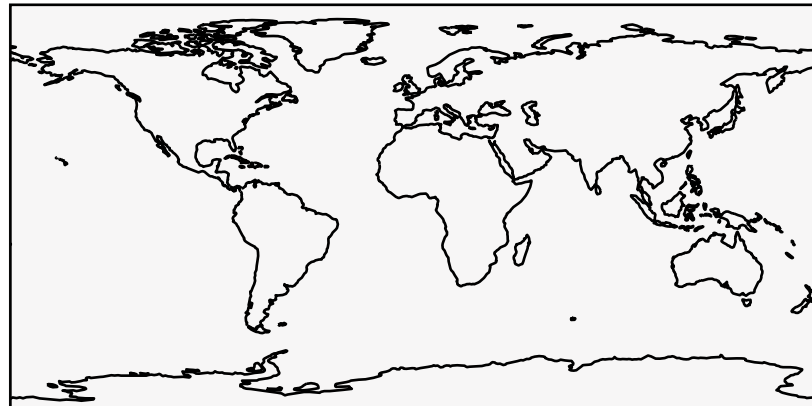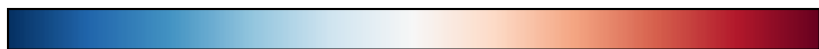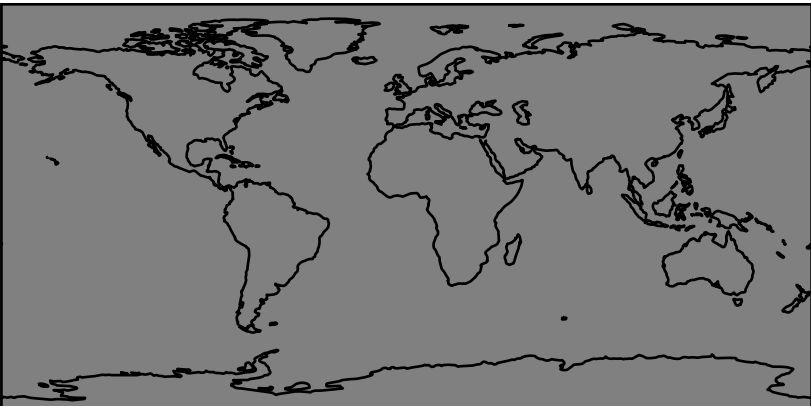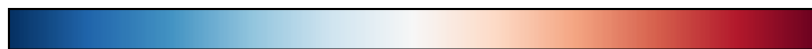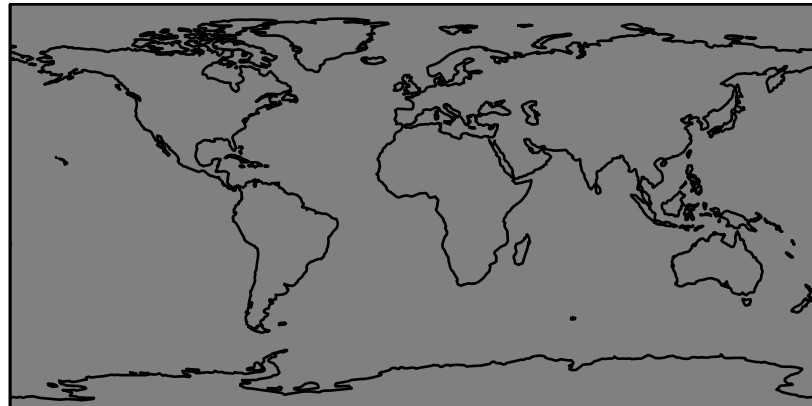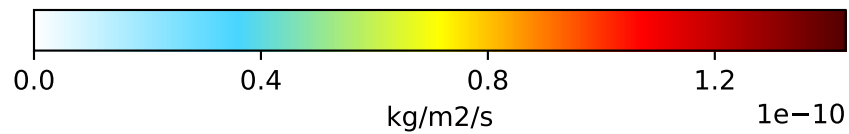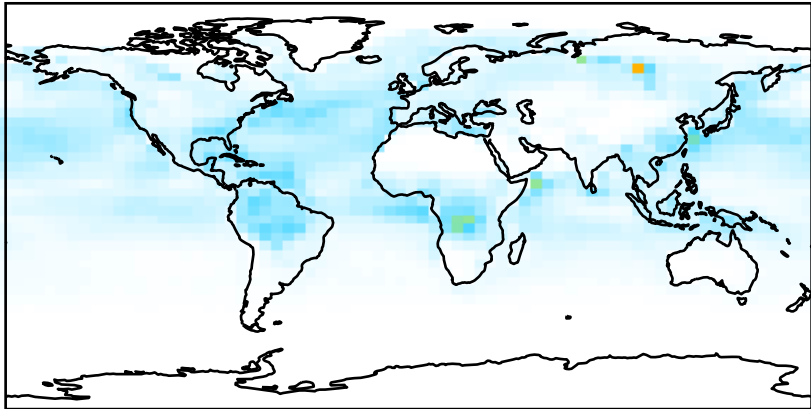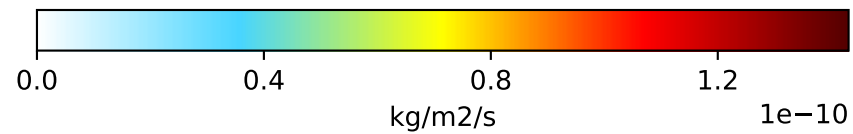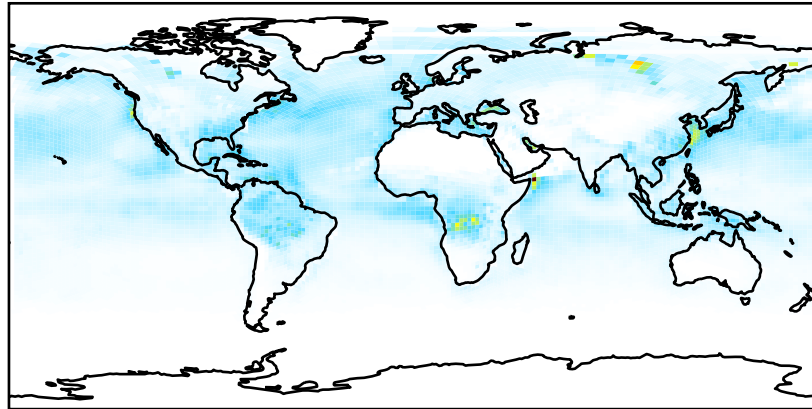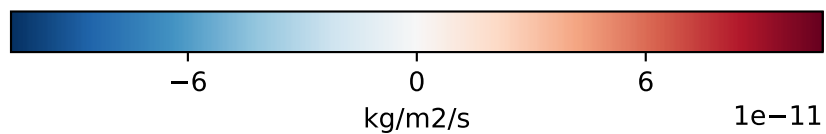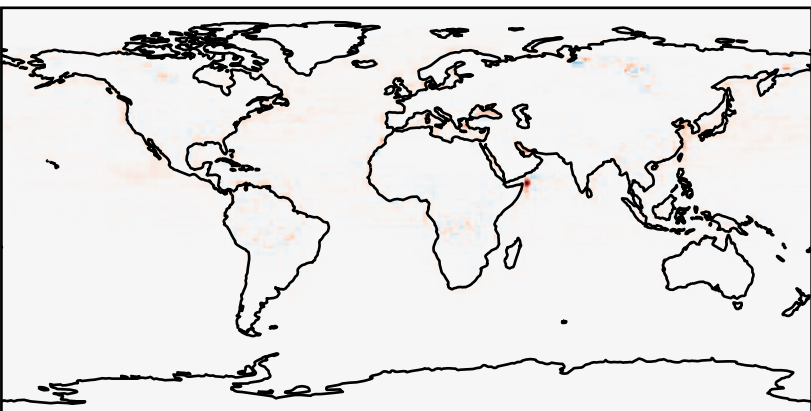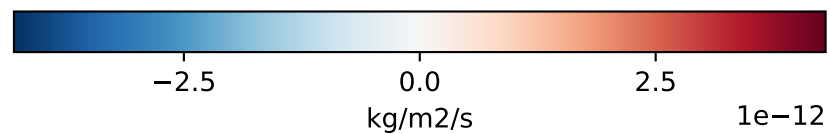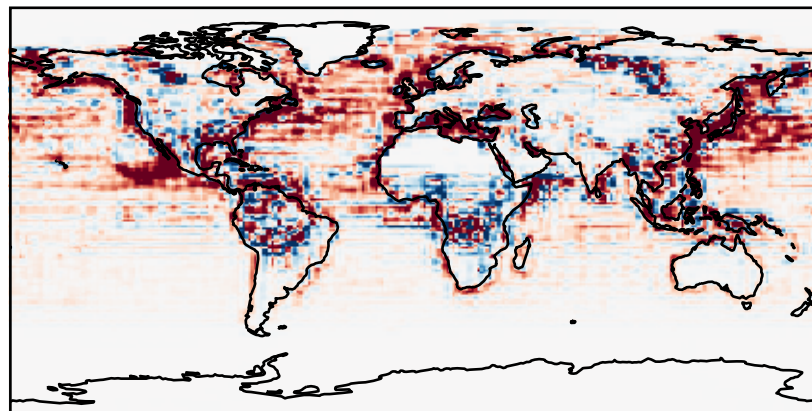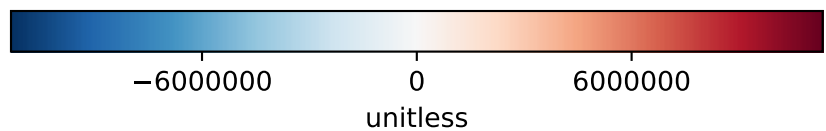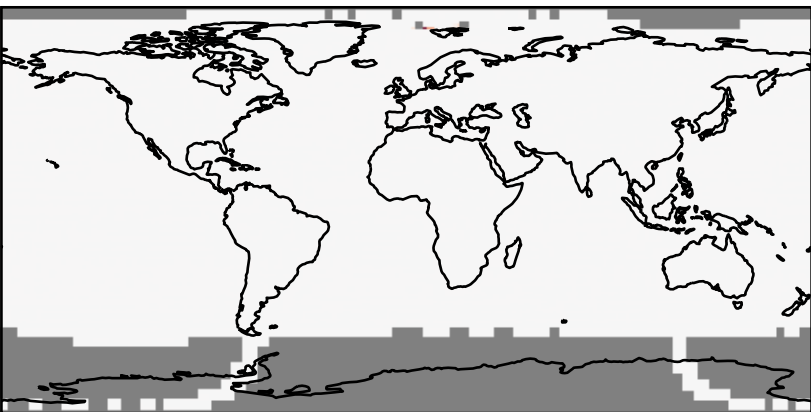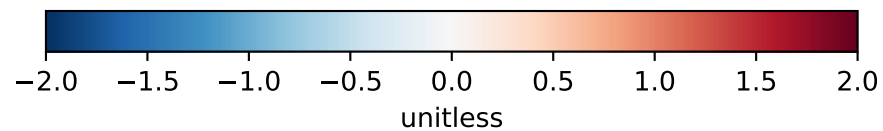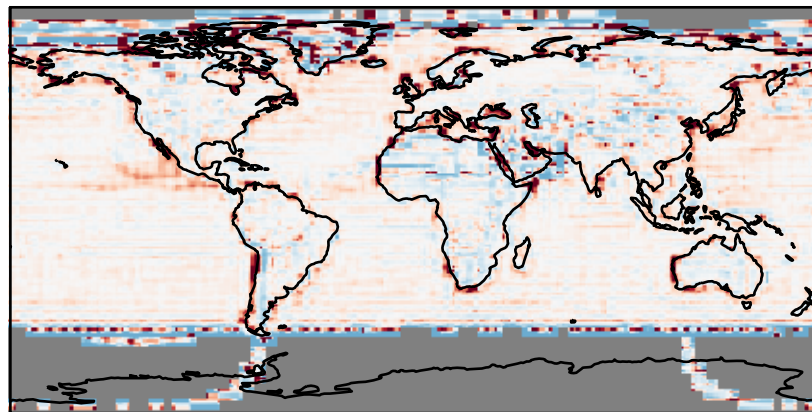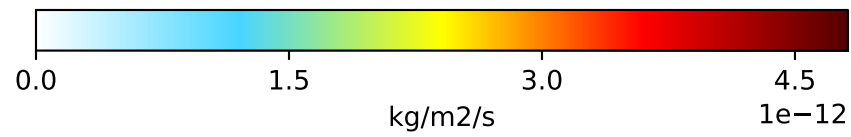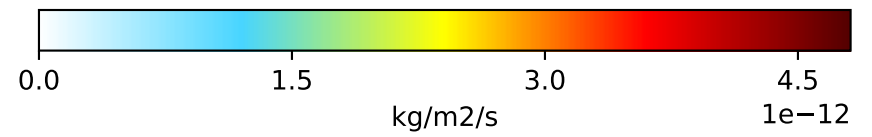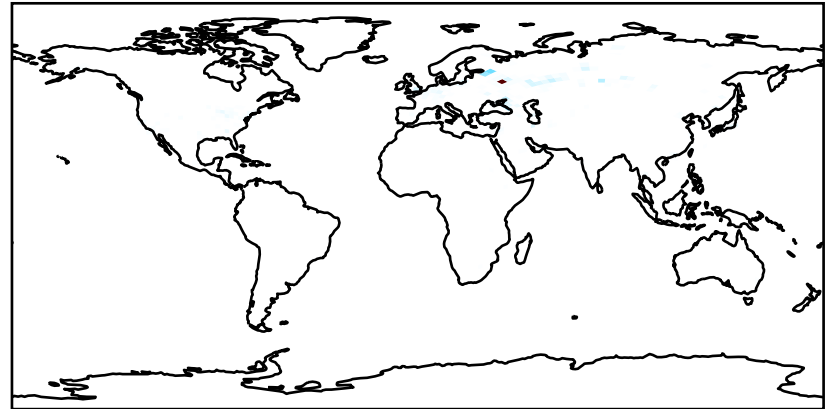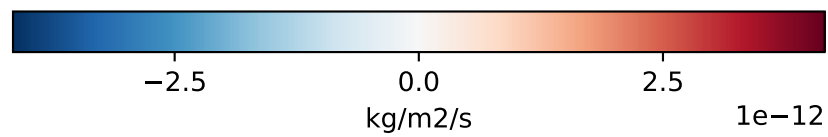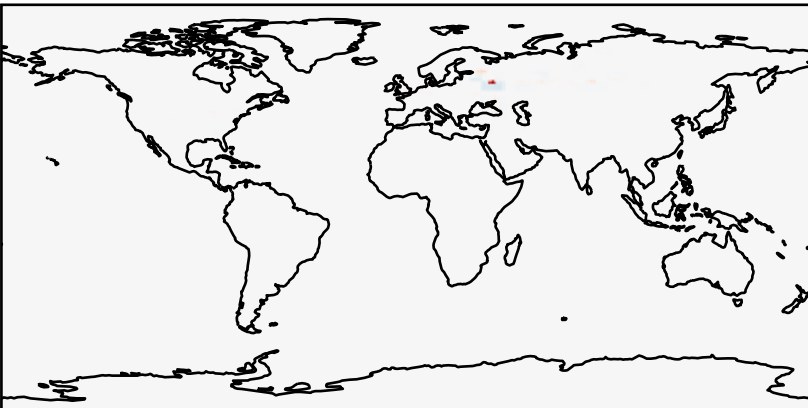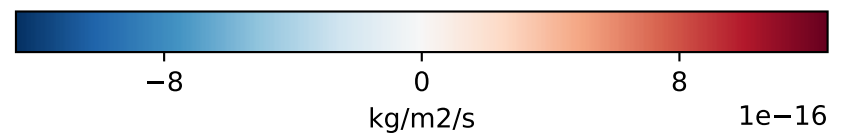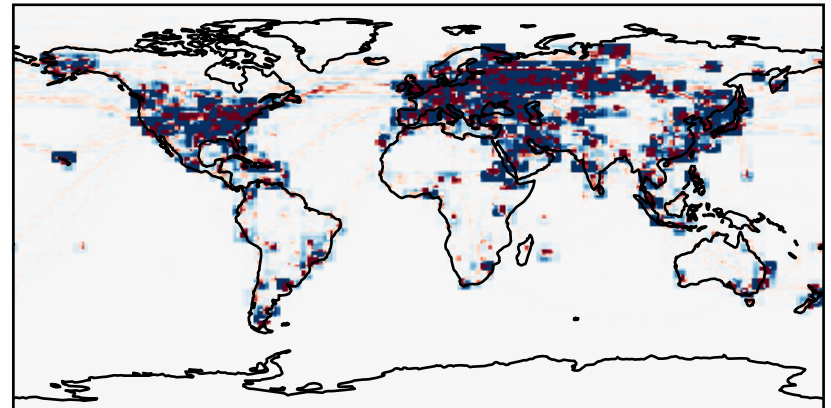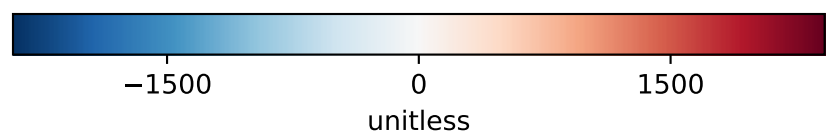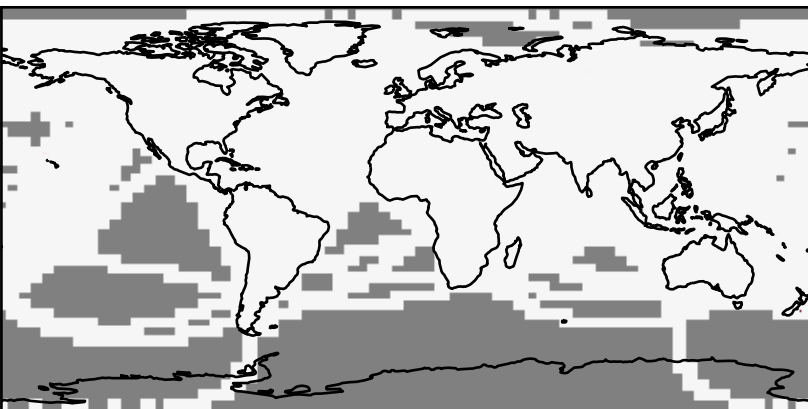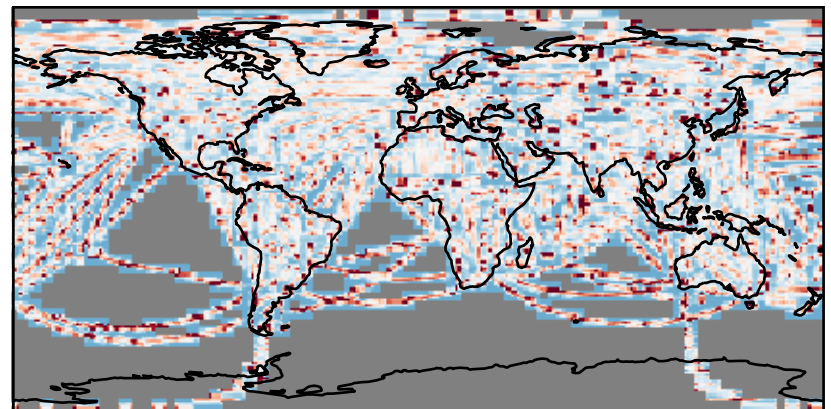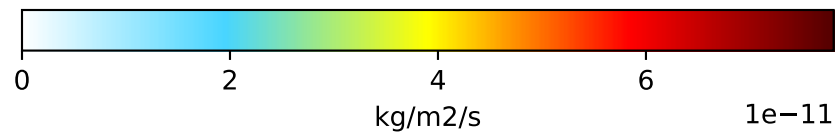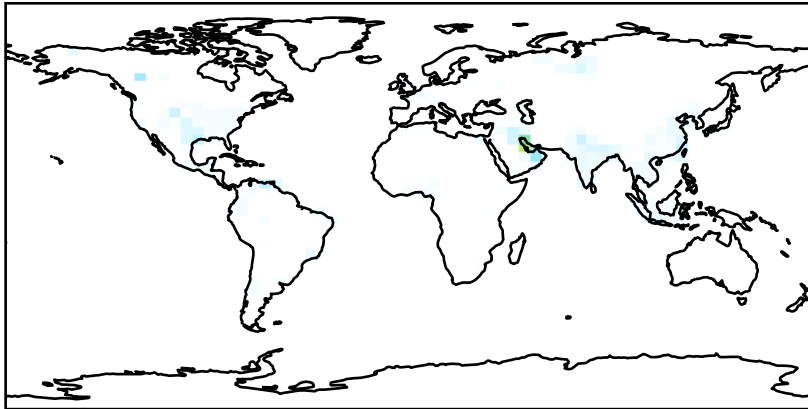Fractional Difference (1x1.25)
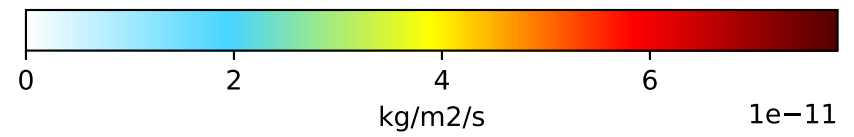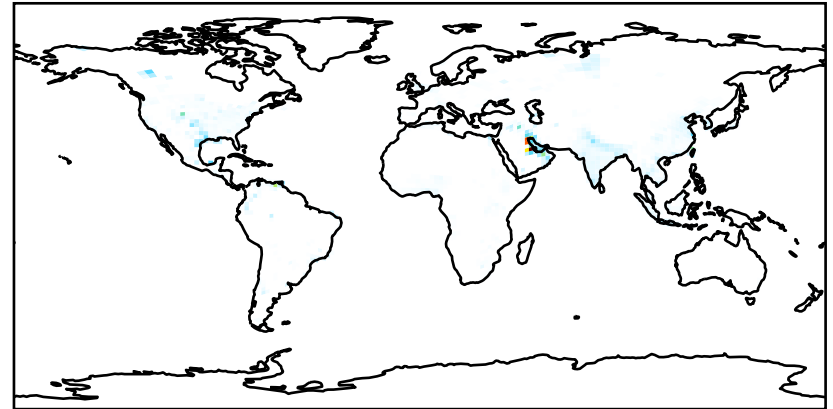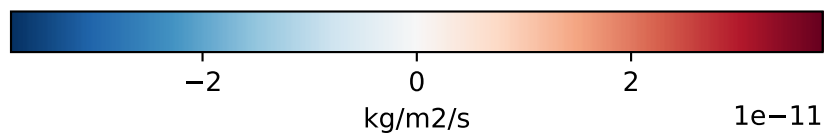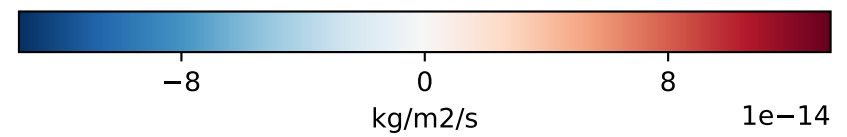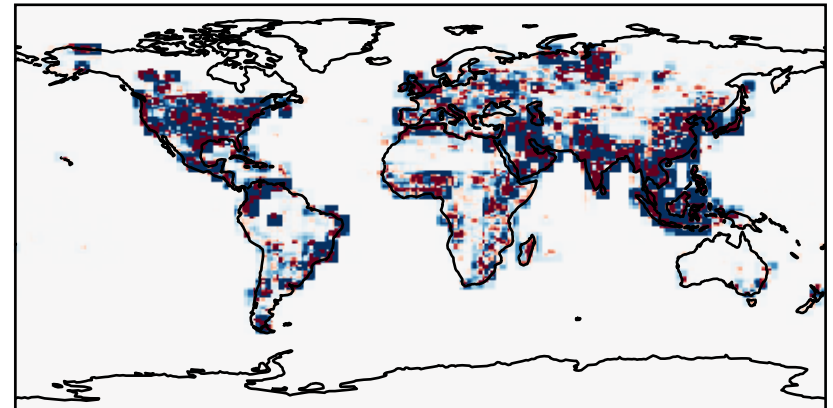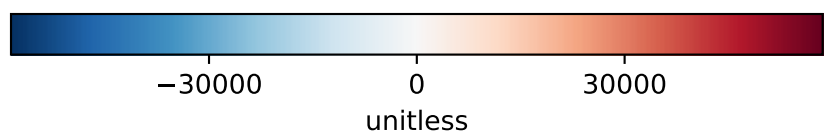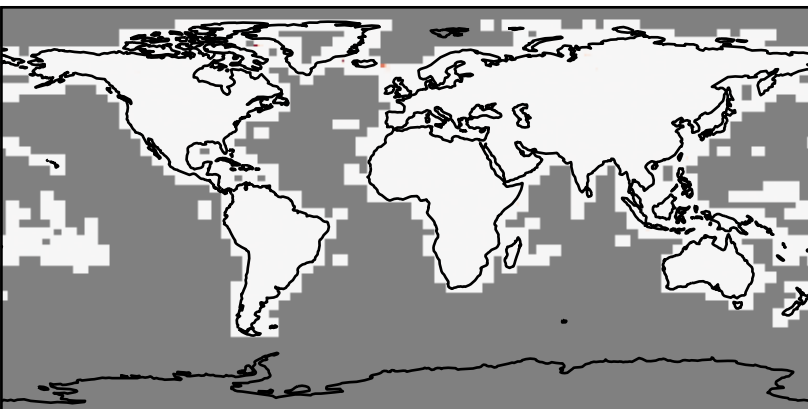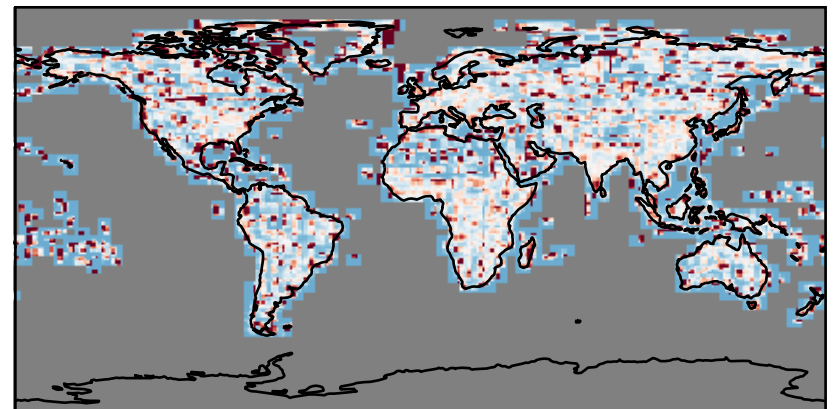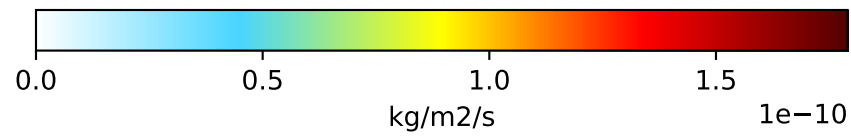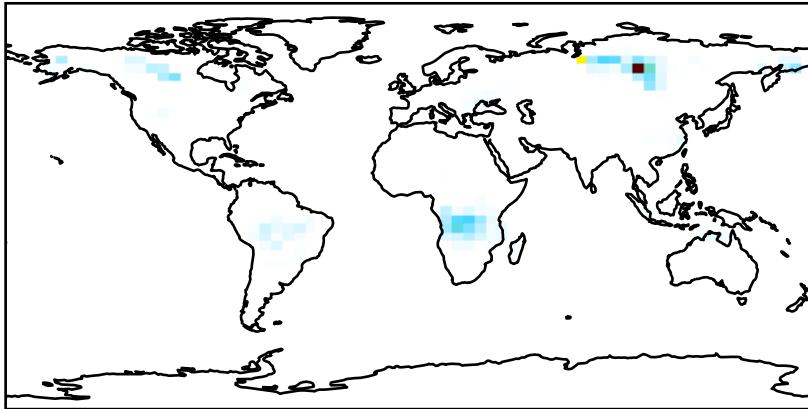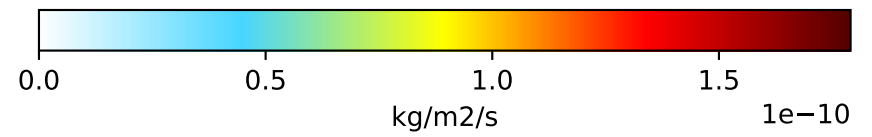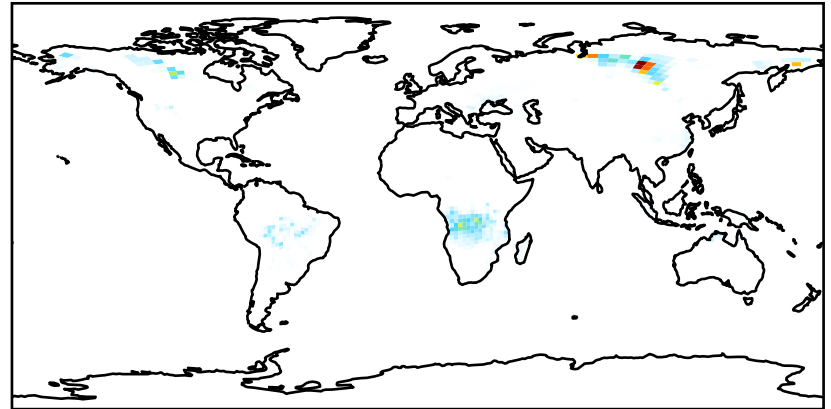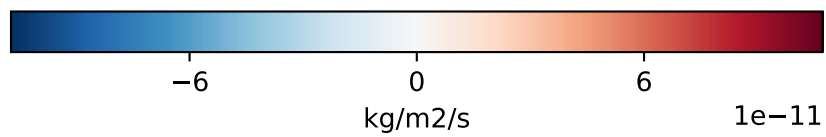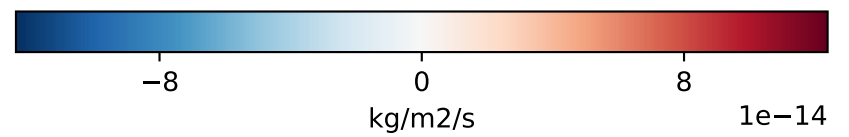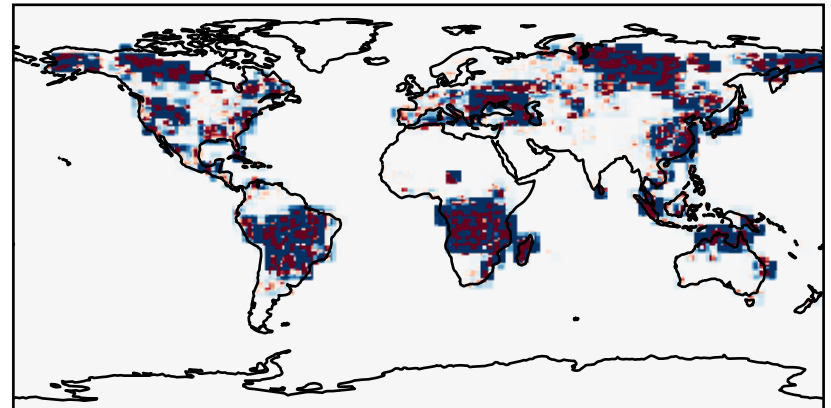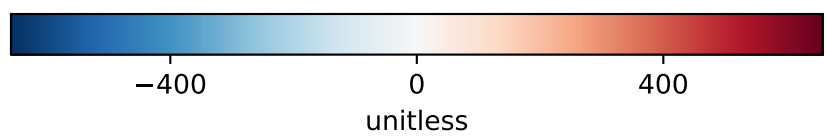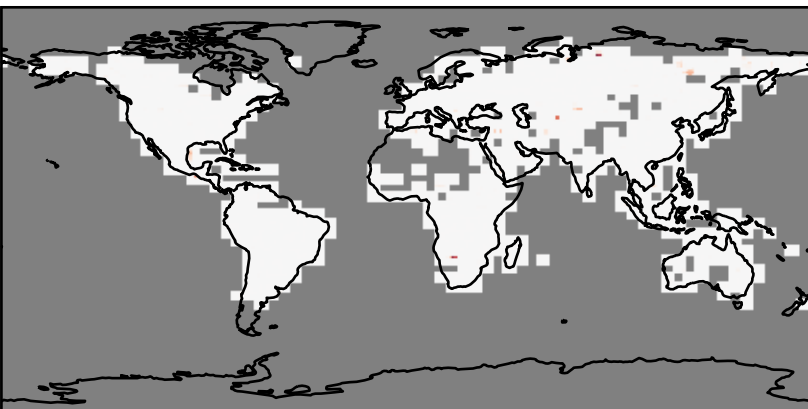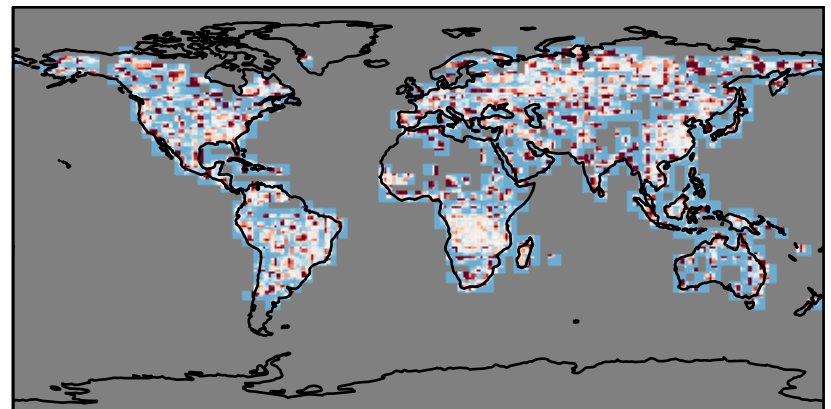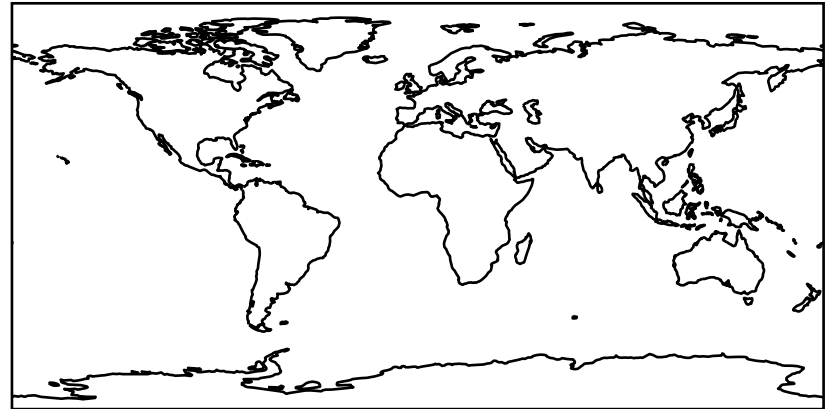(Dev-Ref)/Ref, Fixed Range

unitless

EmisEOH_Anthro

EmisEOH_BioBurn

EmisEOH_Biogenic

EmisEOH_PlantDecay

EmisEOH_Ship

GC_12.6.0 (Ref)
4x5

Zero throughout domain
kg/m2/s

GCHP_12.6.0 (Dev)
c48

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

EmisEOH_Total
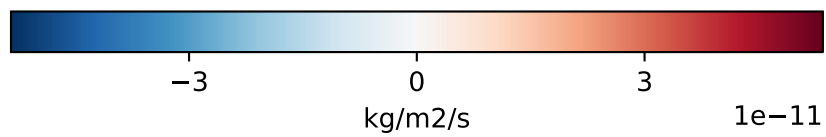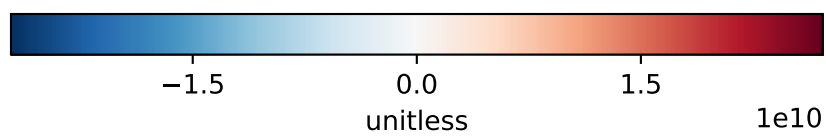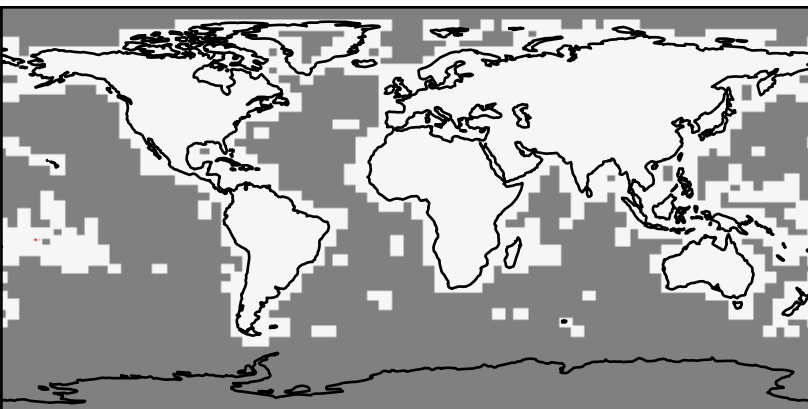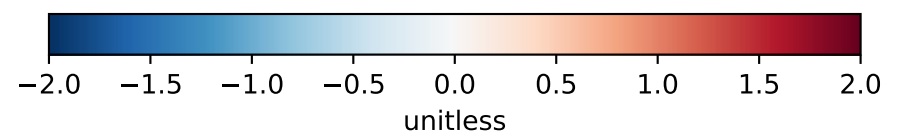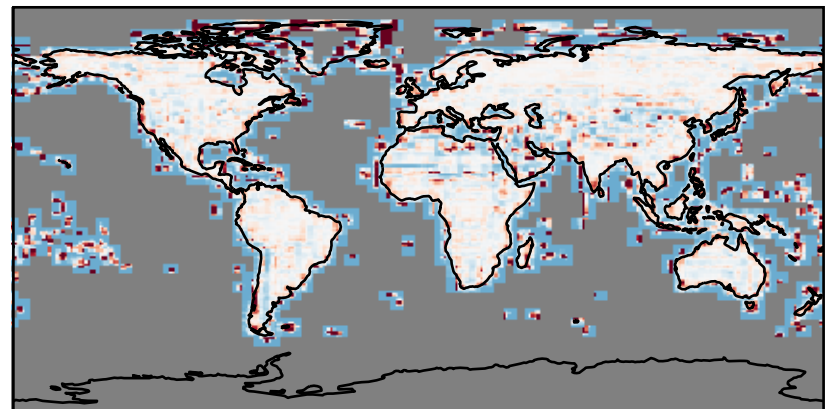
EmisMOH_Anthro
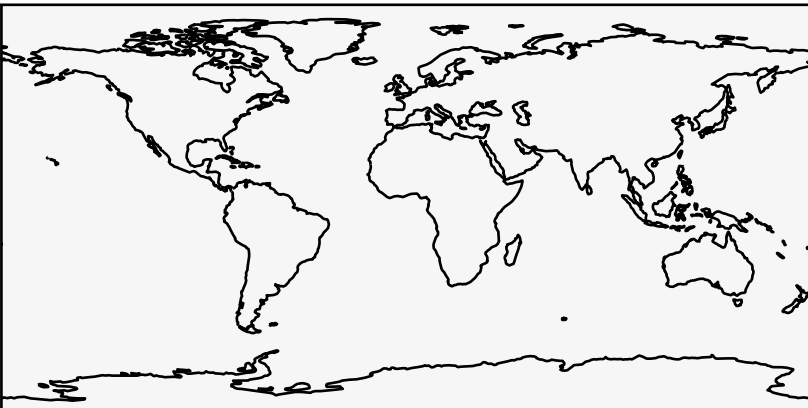
GC_12.6.0 (Ref)
4x5

Zero throughout domain
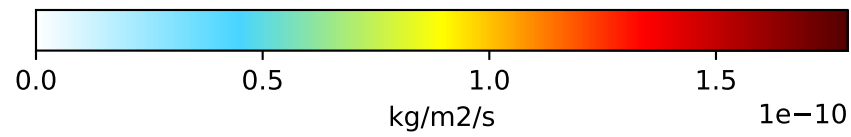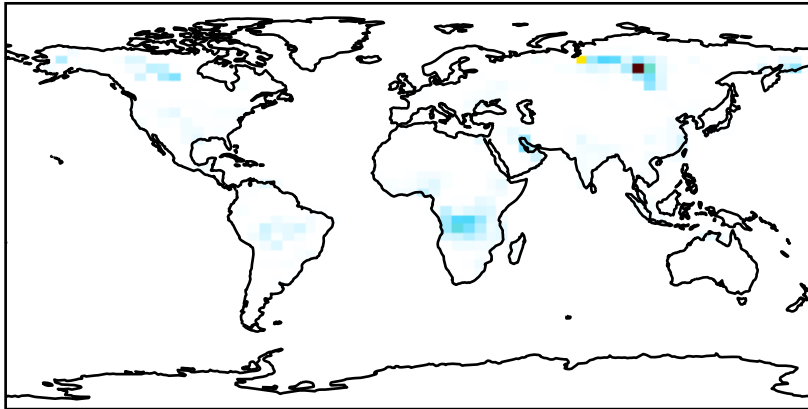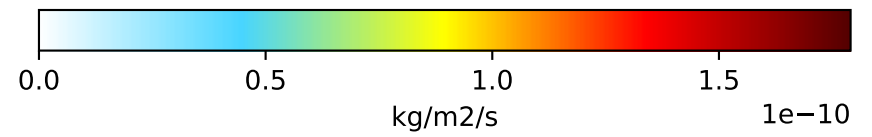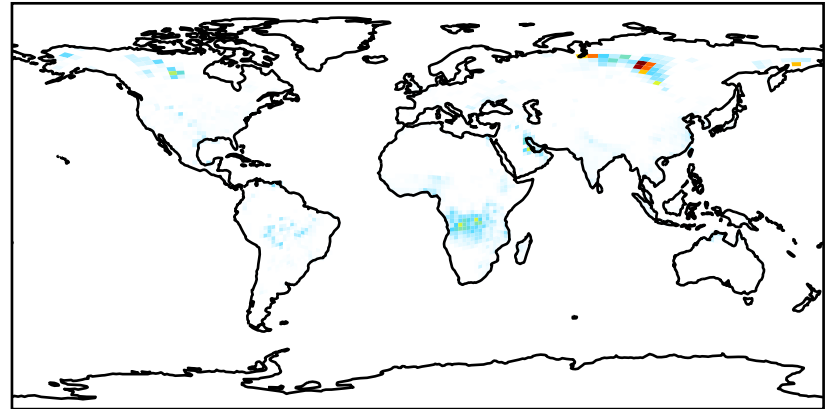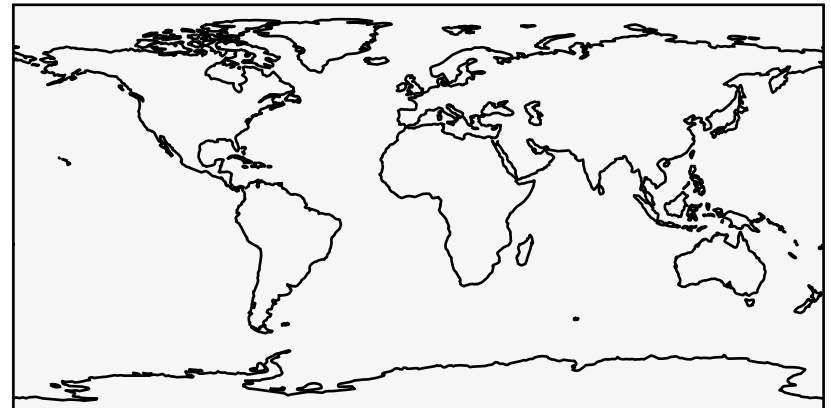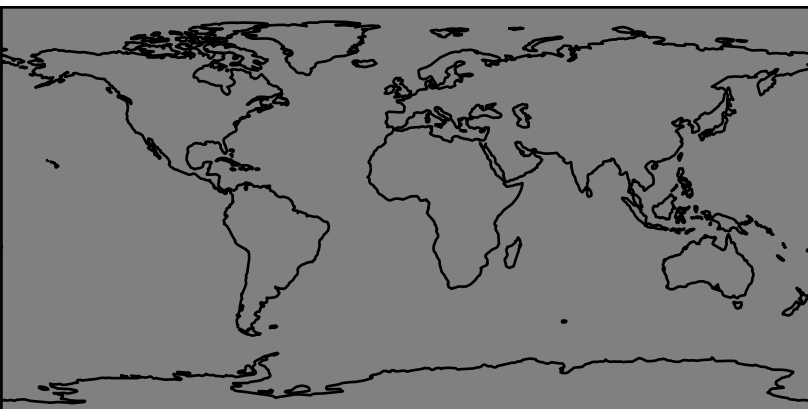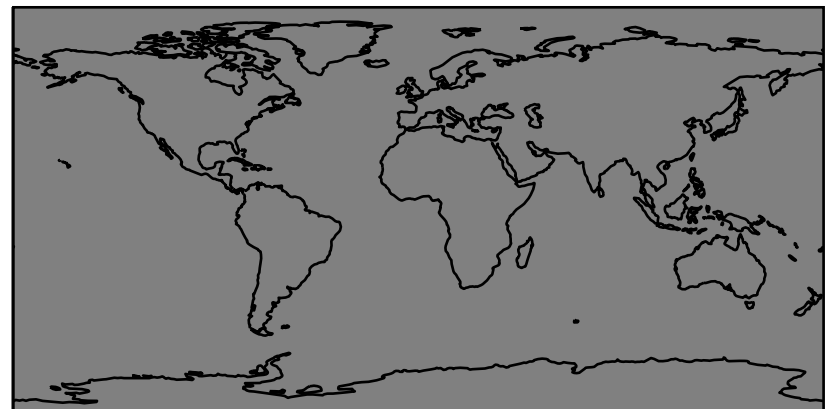kg/m2/s

GCHP_12.6.0 (Dev)
c48

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

EmisMOH_Ship

GC_12.6.0 (Ref)
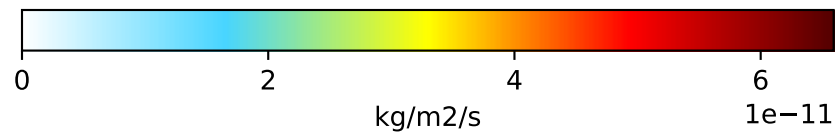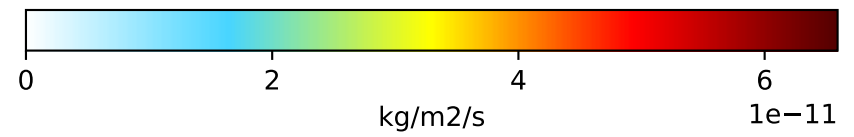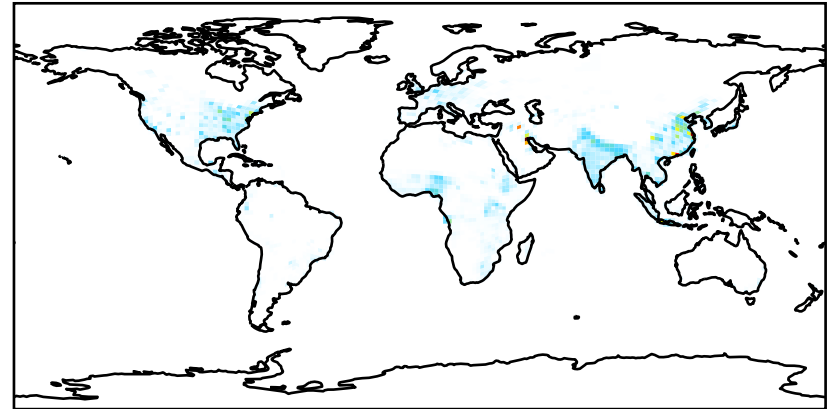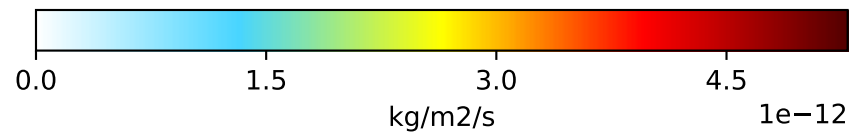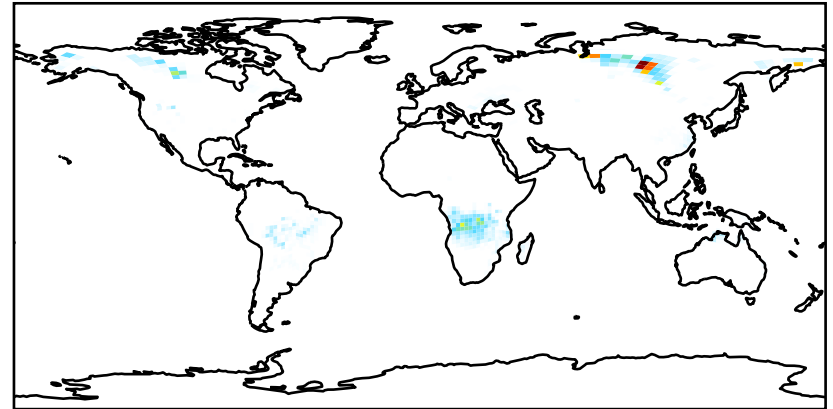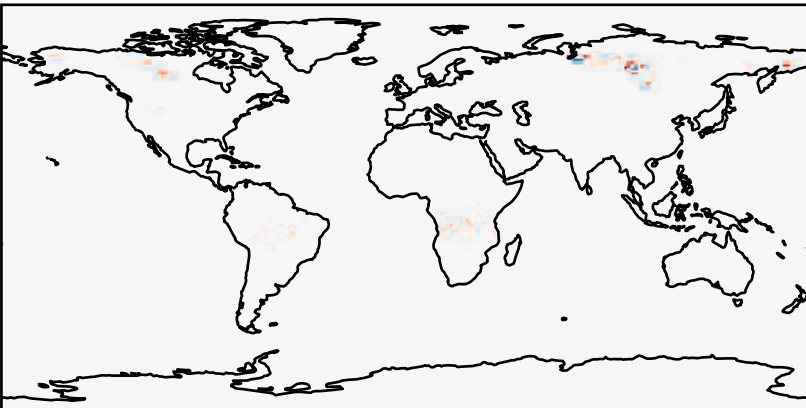### 4x5

Zero throughout domain
kg/m2/s

GCHP_12.6.0 (Dev)
c48

Zero throughout domain
kg/m2/s

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

Zero throughout domain
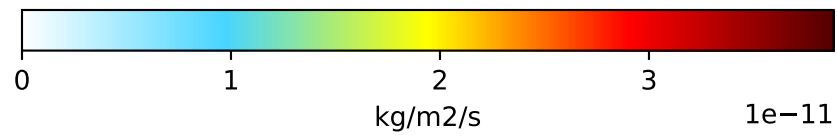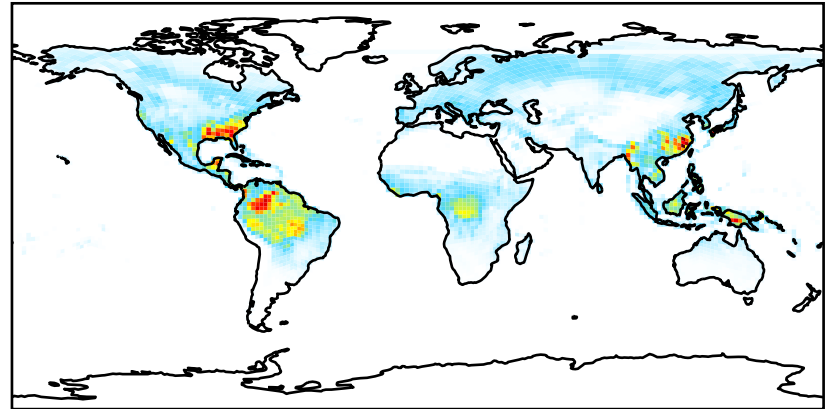kg/m2/s

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

Zero throughout domain
kg/m2/s

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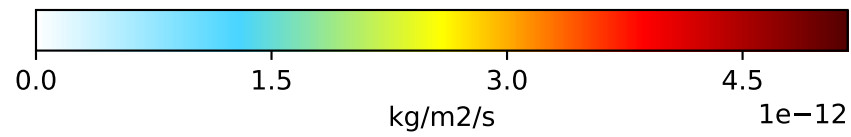### (Dev-Ref)/Ref, Dynamic Range

Undefined throughout domain
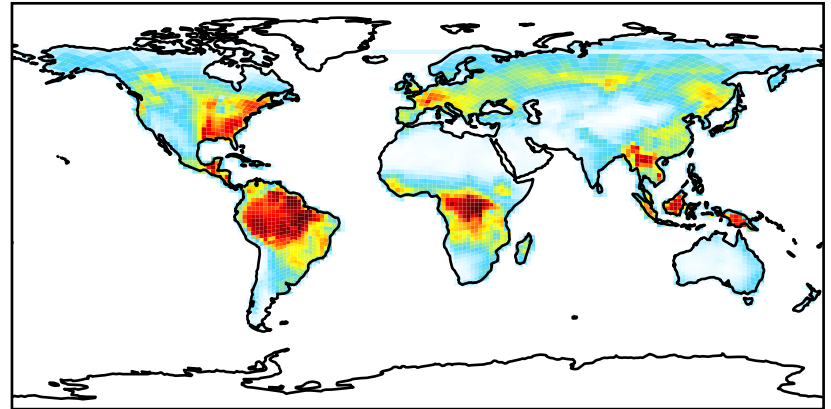unitless

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

Undefined throughout domain
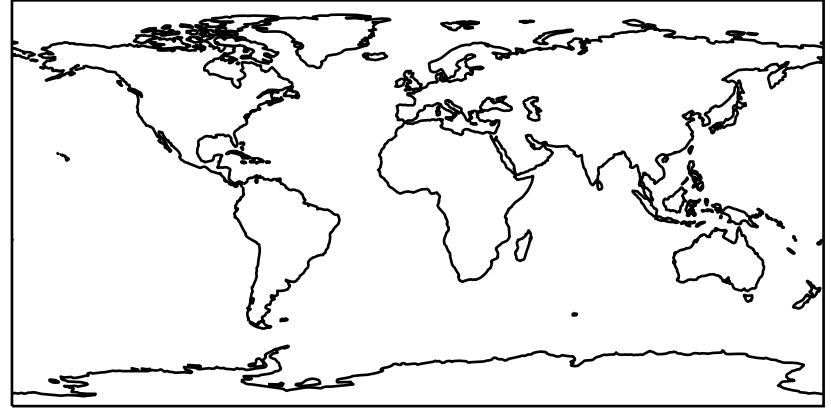unitless

EmisMOH_Total
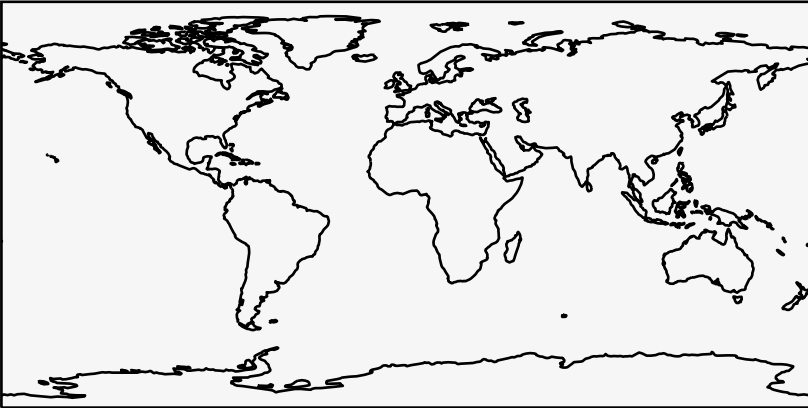
GC_12.6.0 (Ref)
4x5

Zero throughout domain
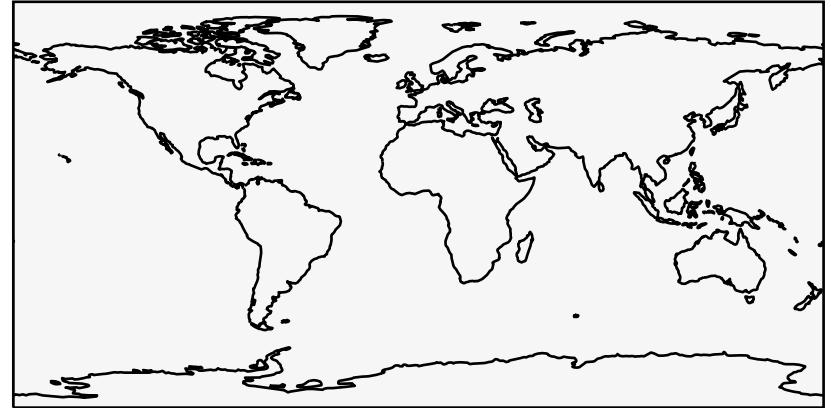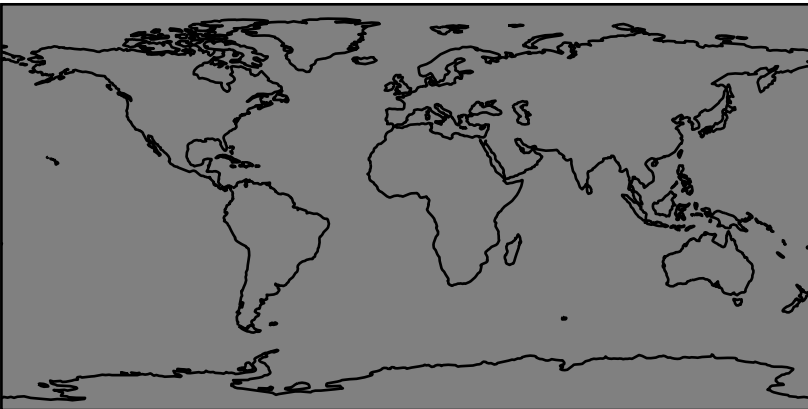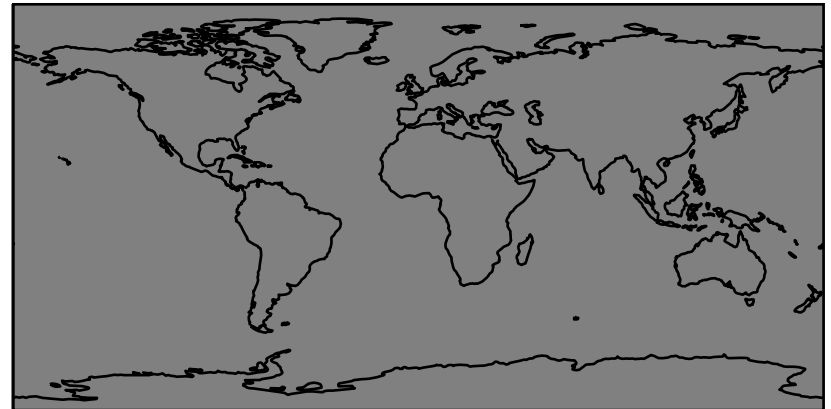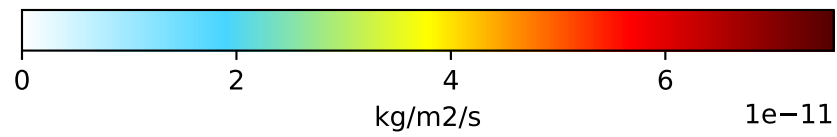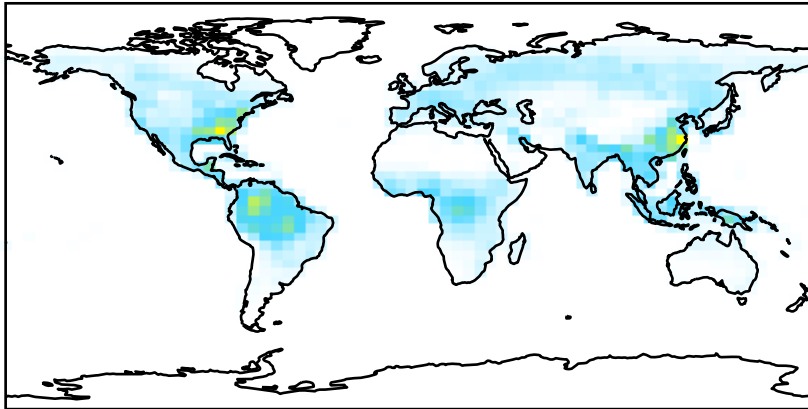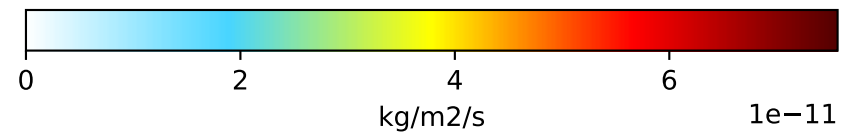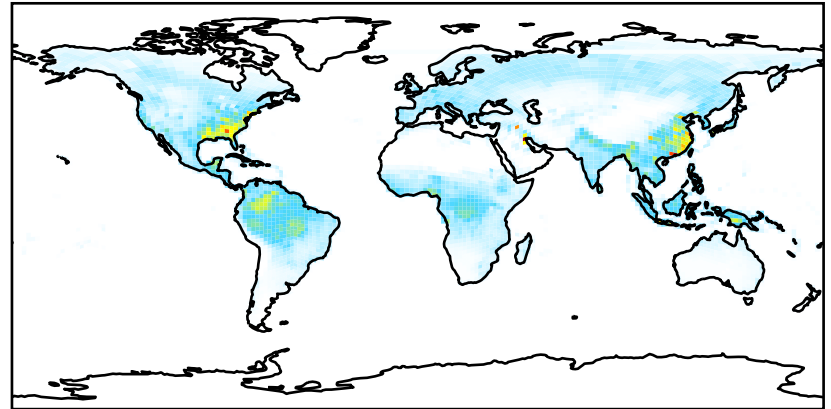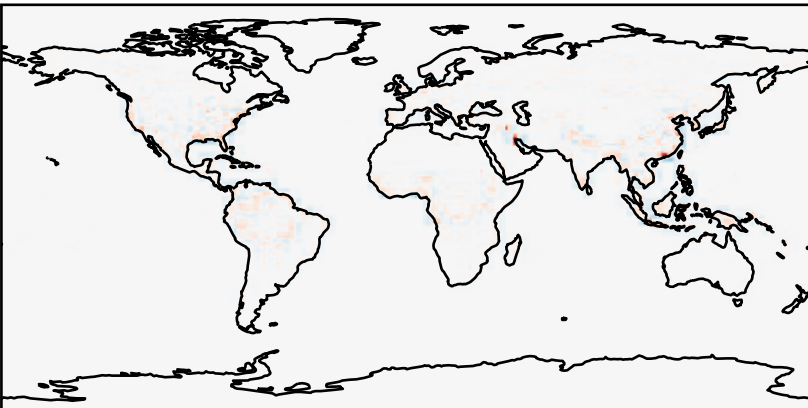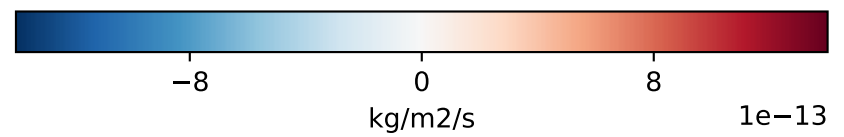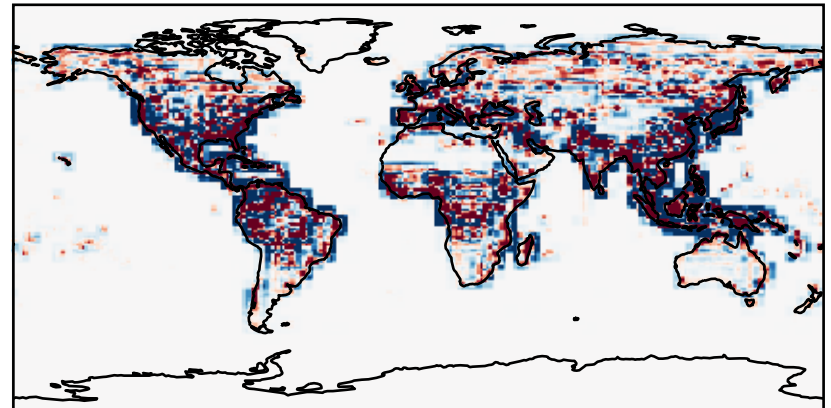kg/m2/s

GCHP_12.6.0 (Dev)
c48

Zero throughout domain
kg/m2/s

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

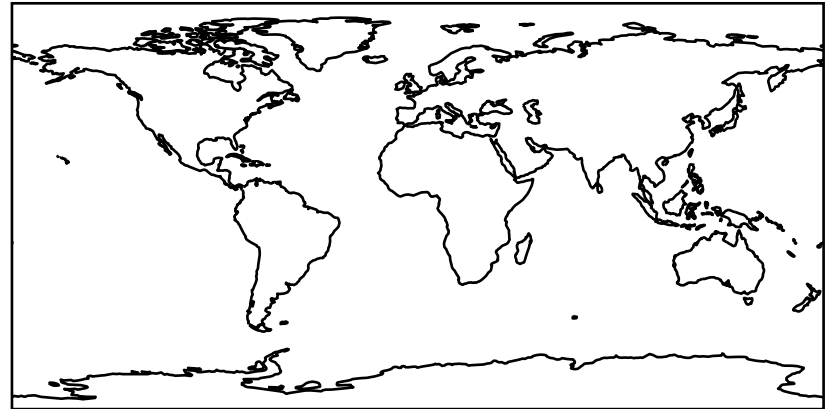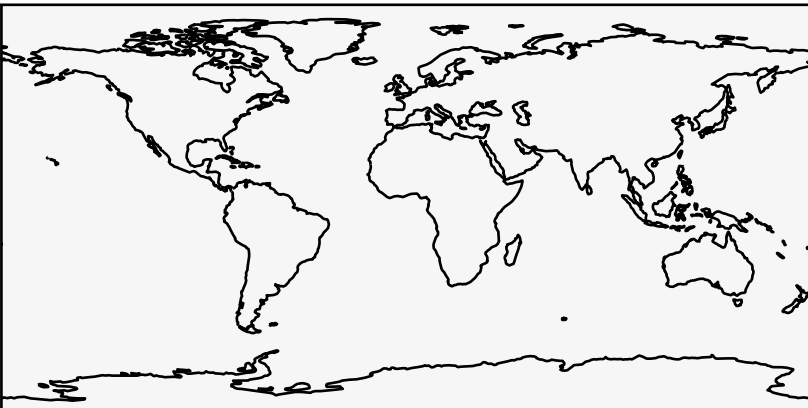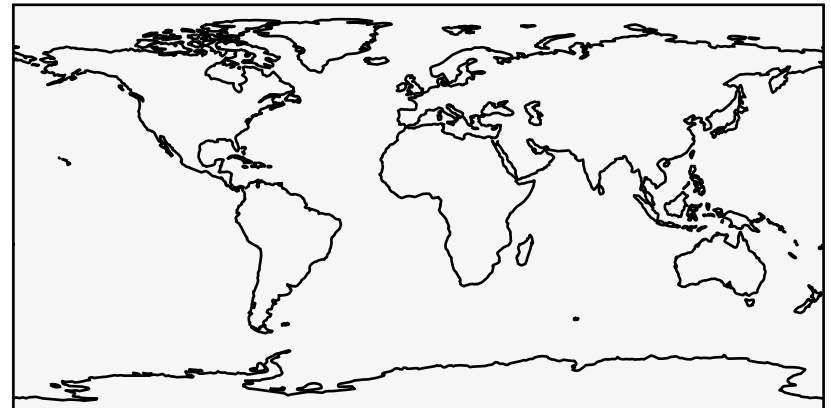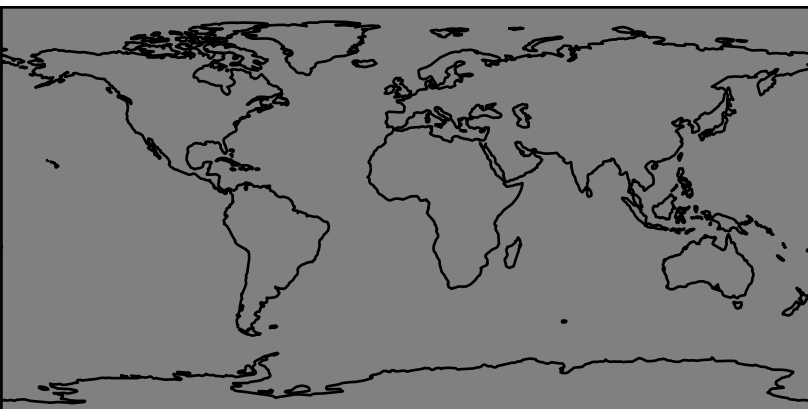Zero throughout domain
kg/m2/s

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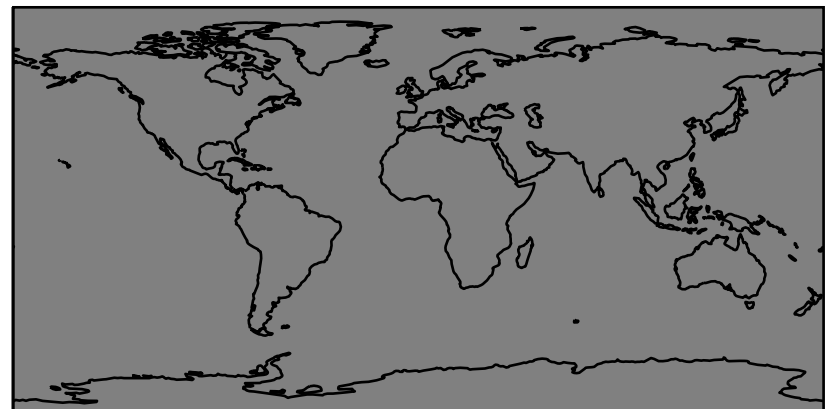### Dev - Ref, Restricted Range [5%,95%]

Zero throughout domain
kg/m2/s

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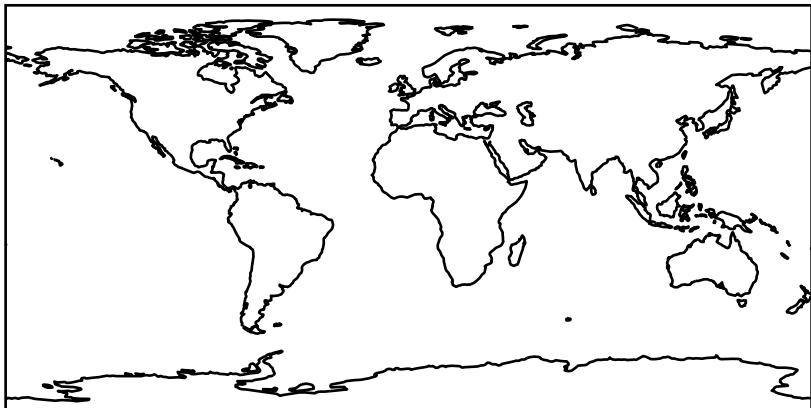

Undefined throughout domain
unitless

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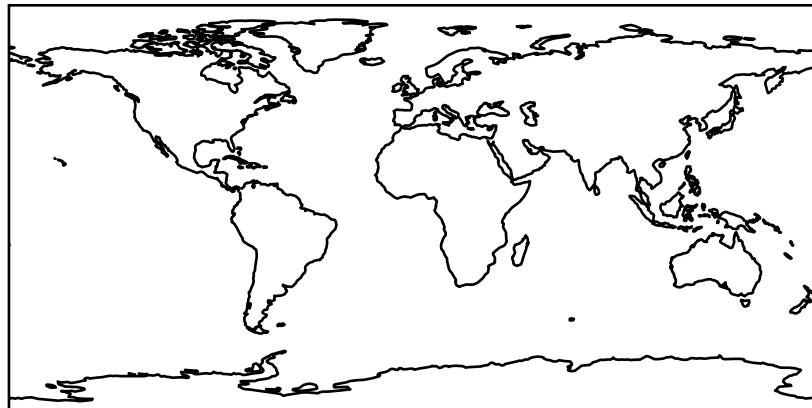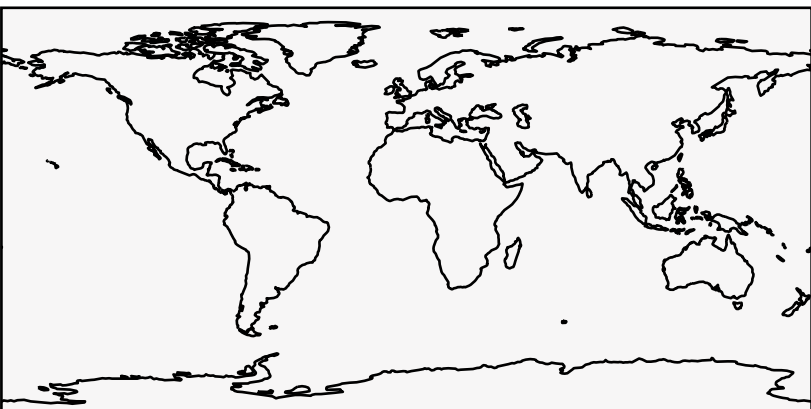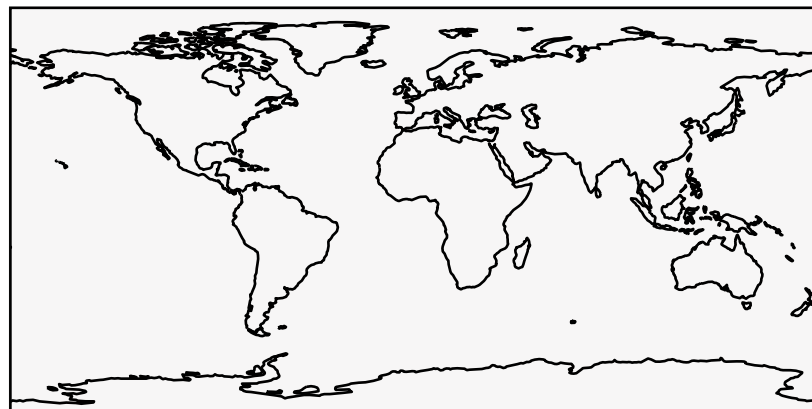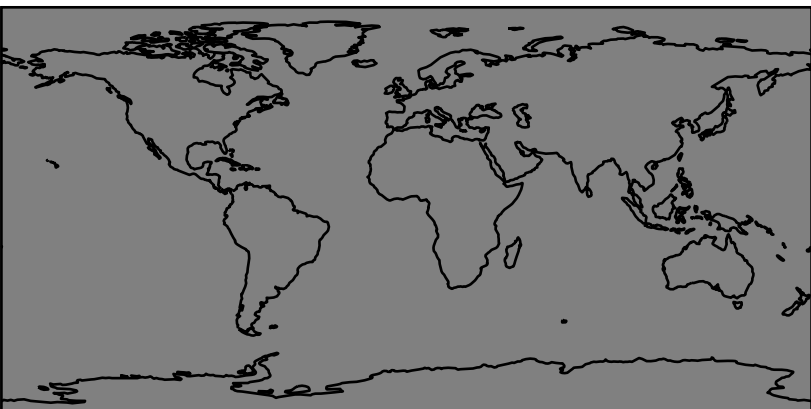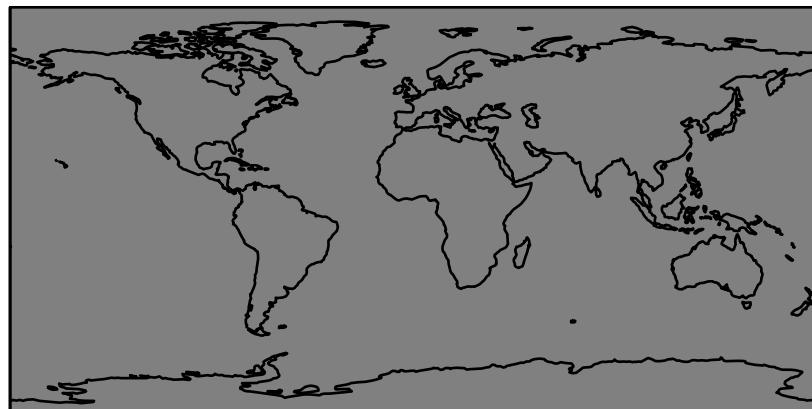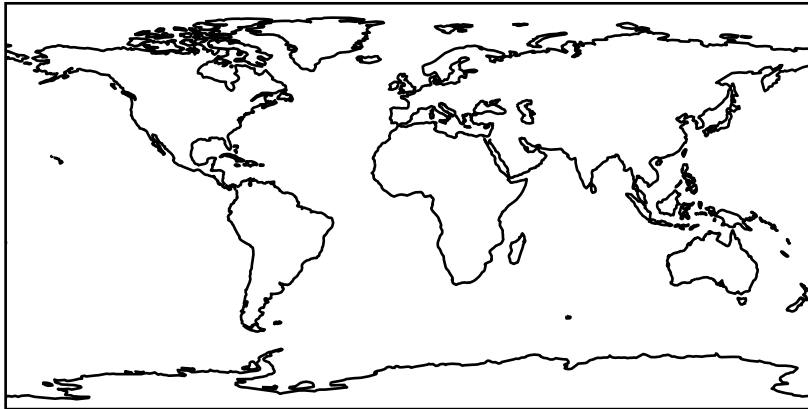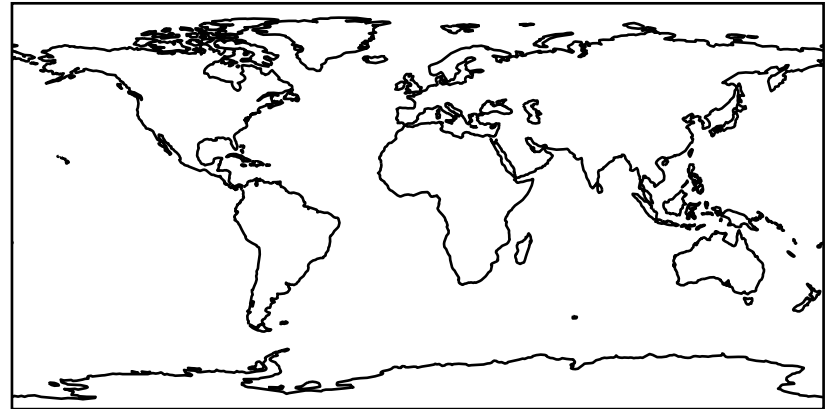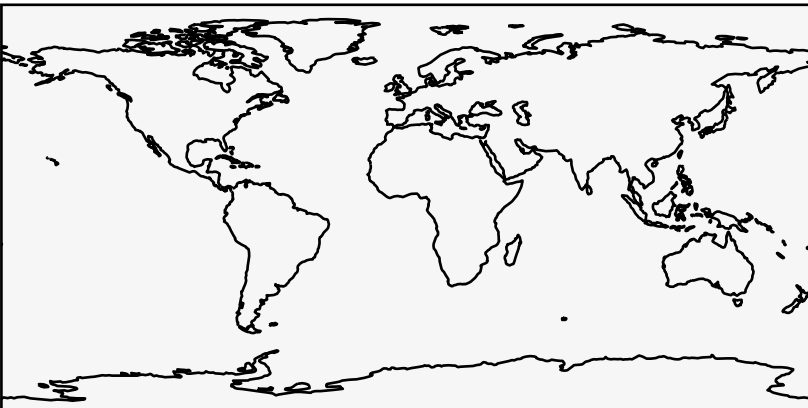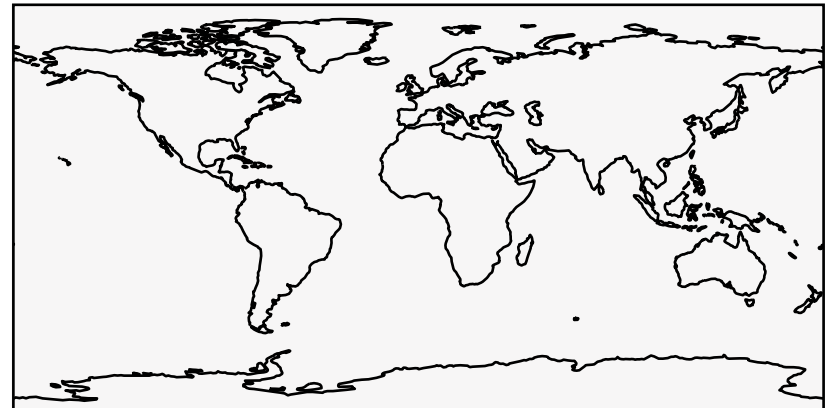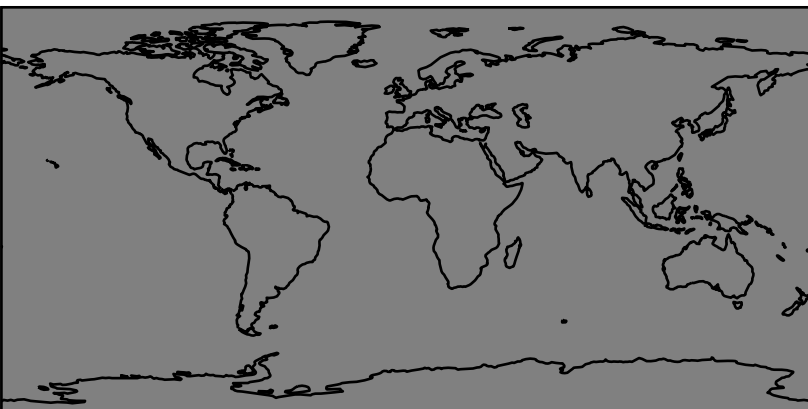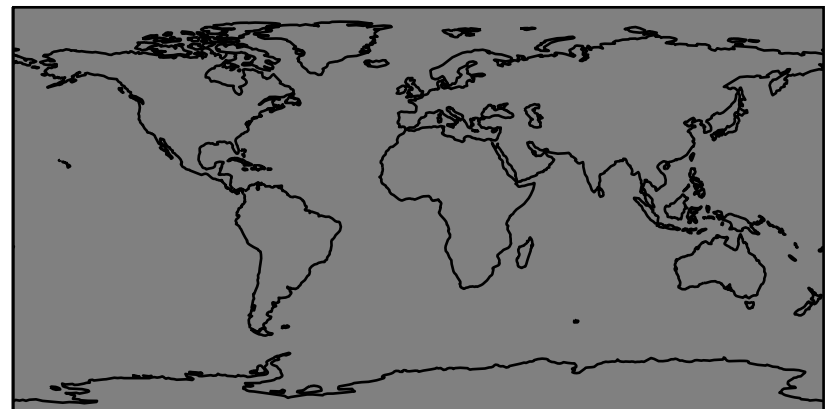

Undefined throughout domain
unitless