EmisALK4_Aircraft

EmisALK4_Anthro

EmisALK4_BioBurn

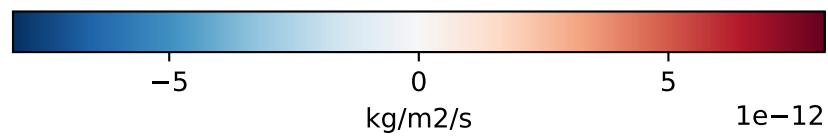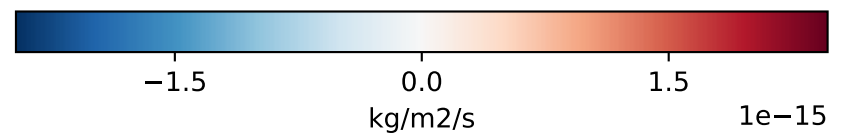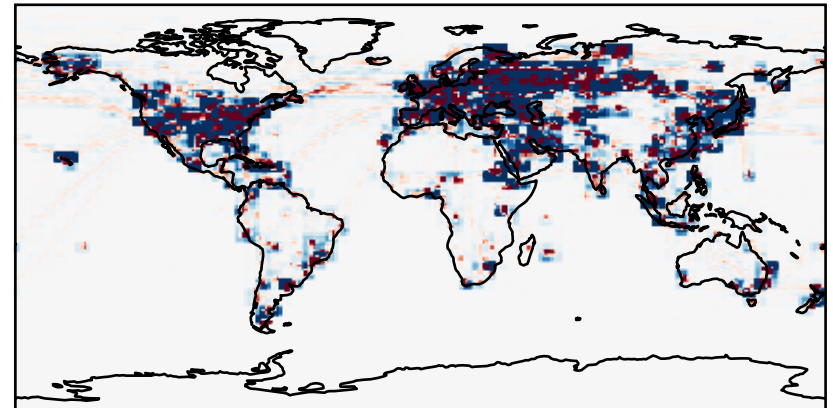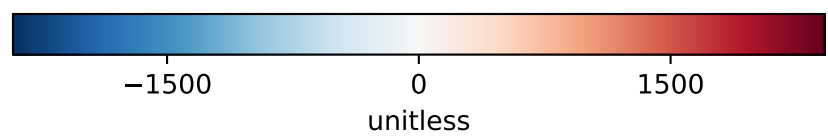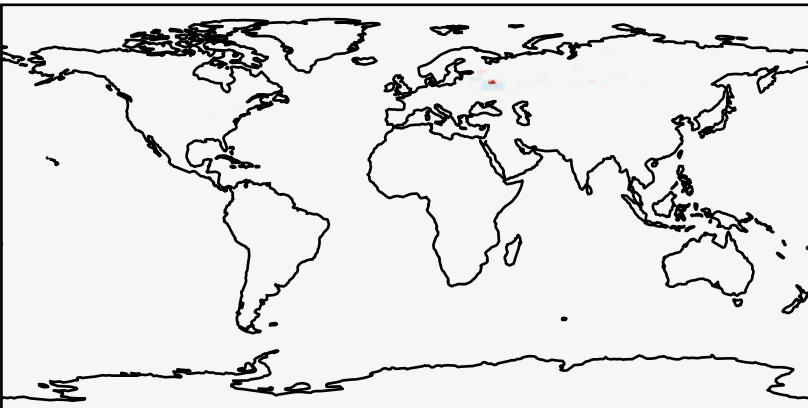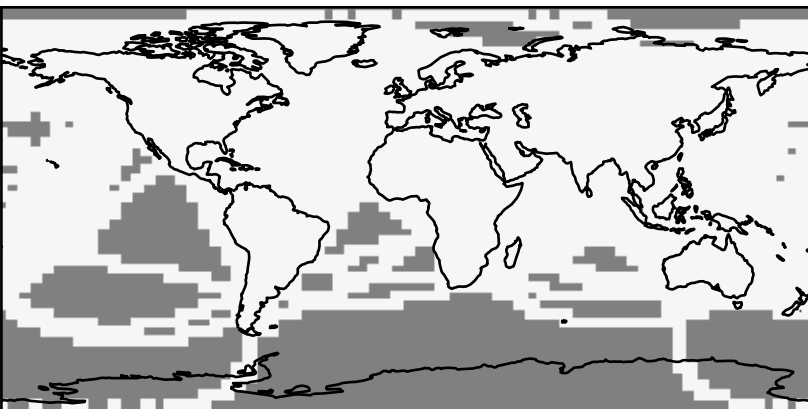
GC_12.6.0 (Ref)
4x5

GCHP_12.6.0 (Dev)
c48

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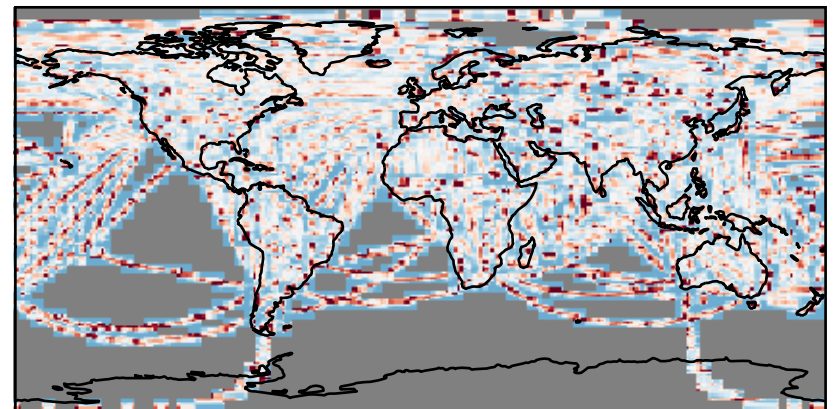Dev - Ref, Dynamic Range

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

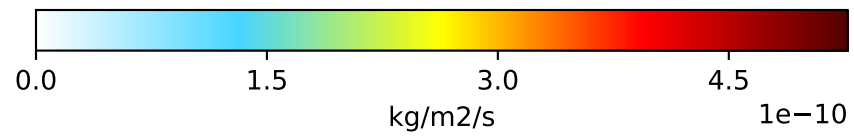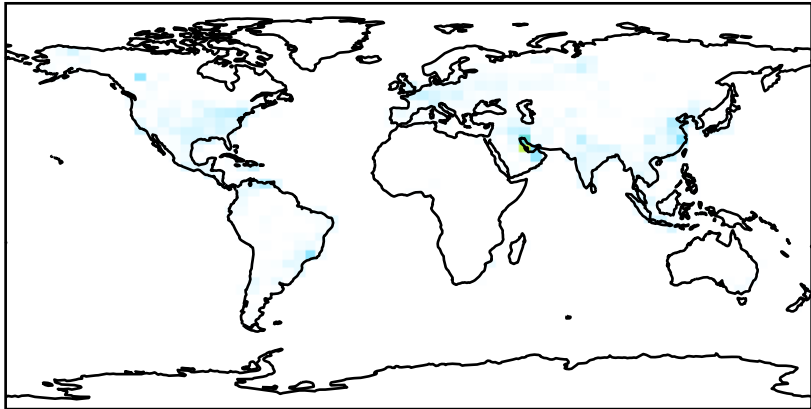Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

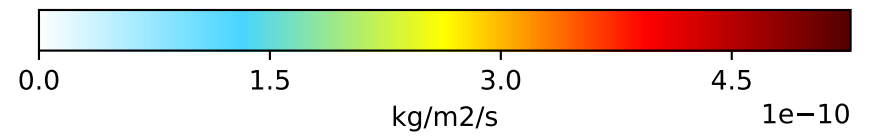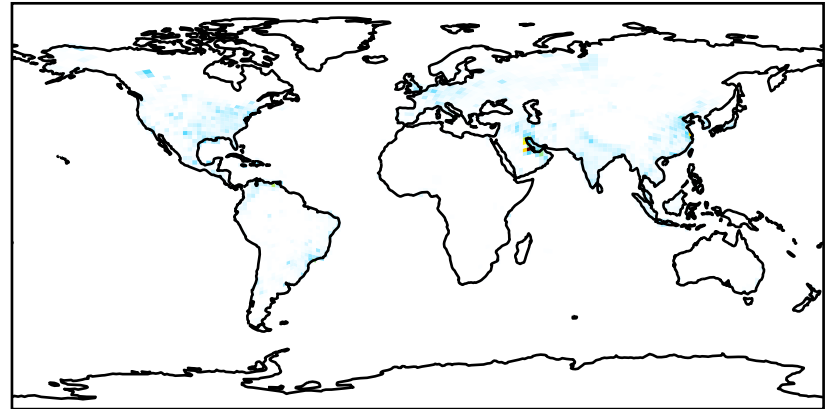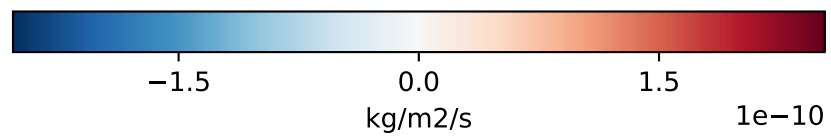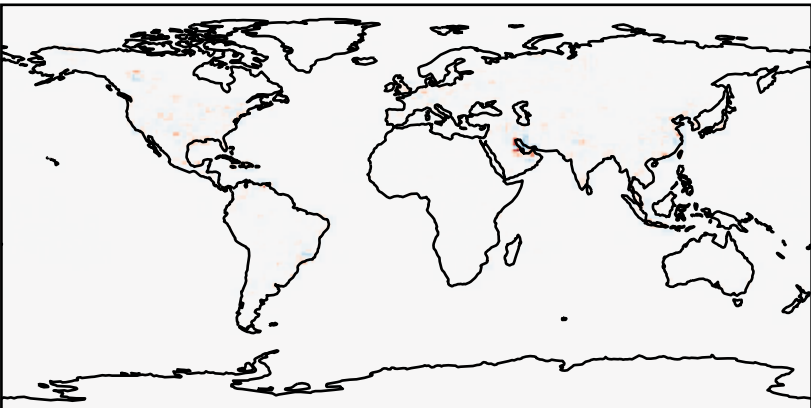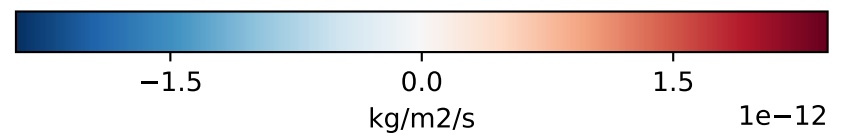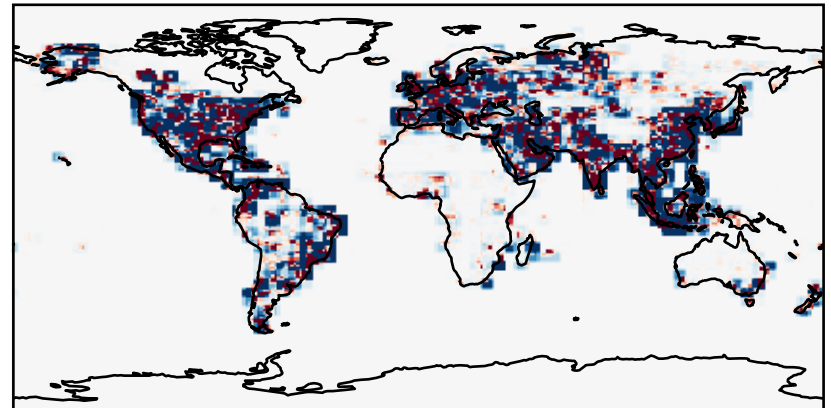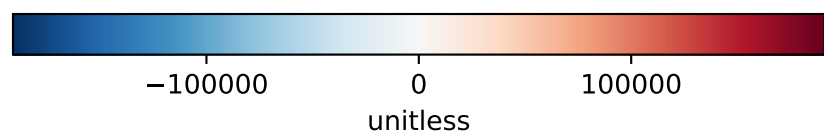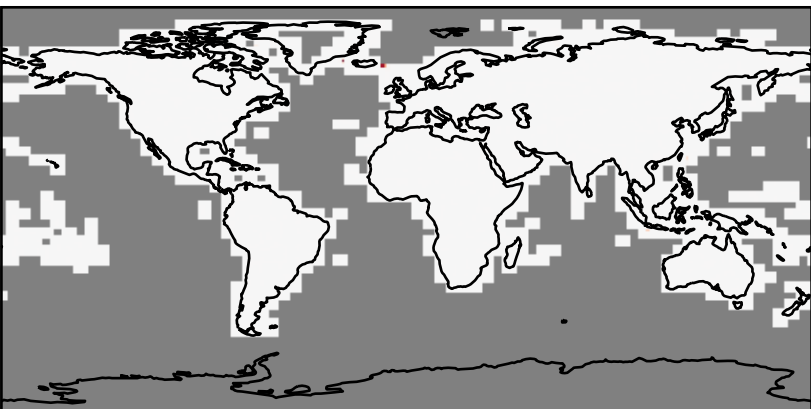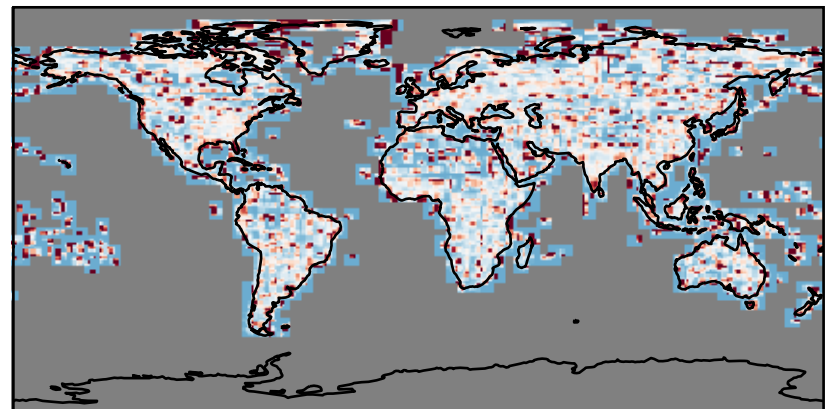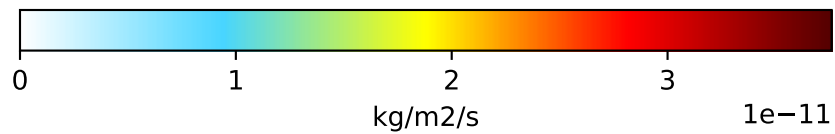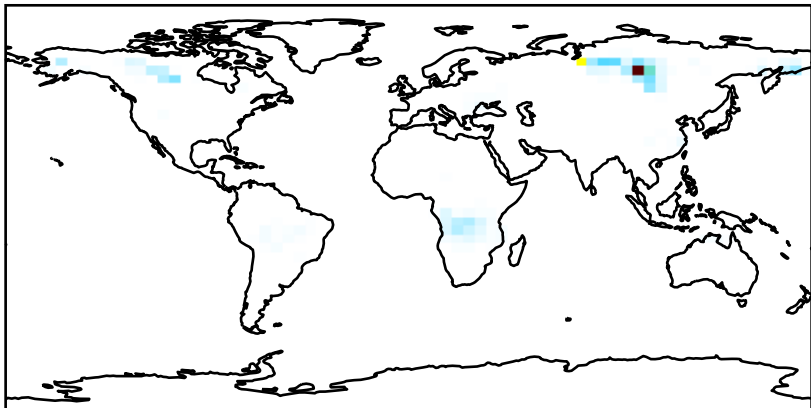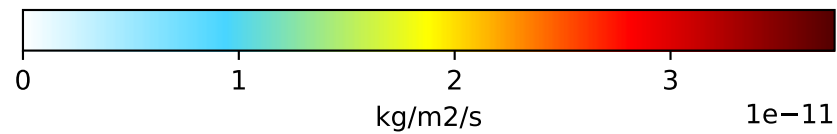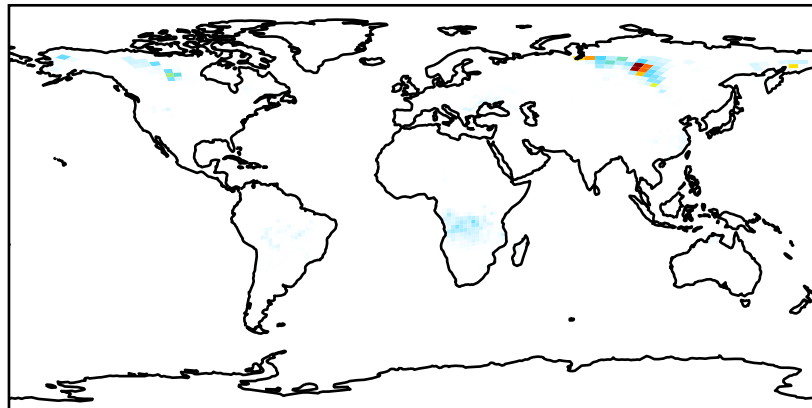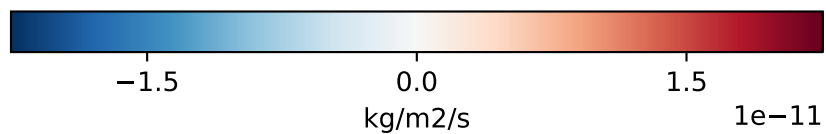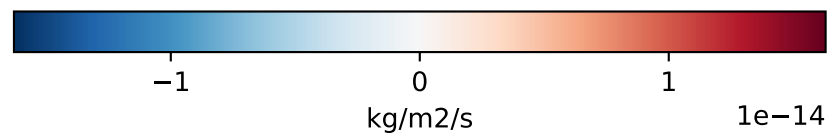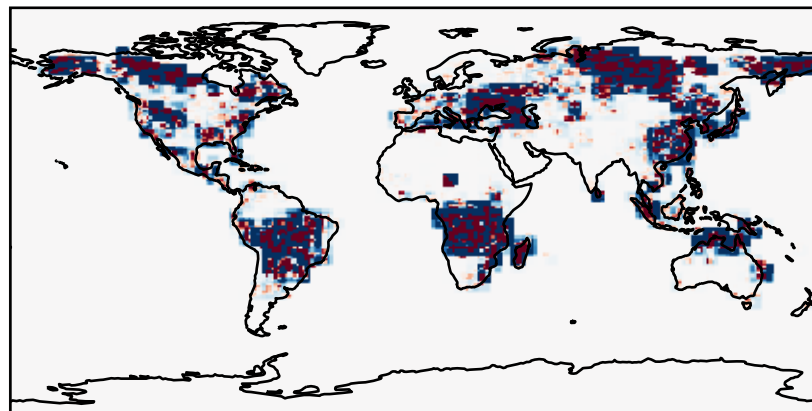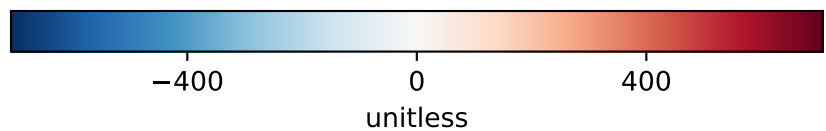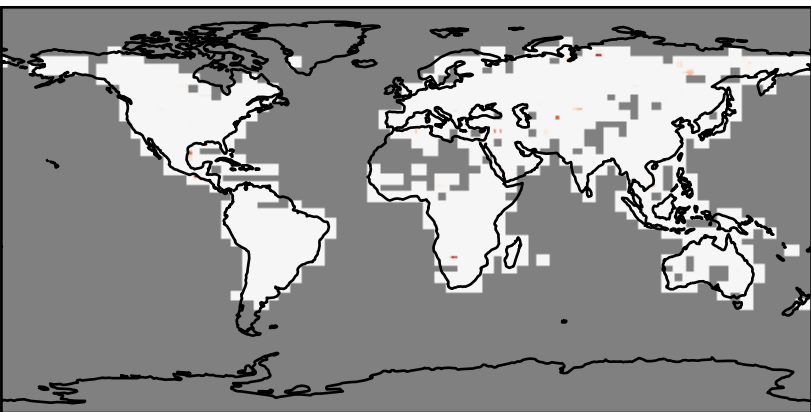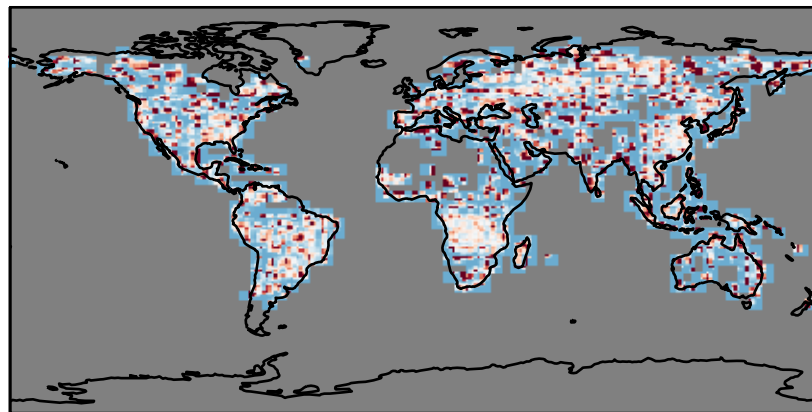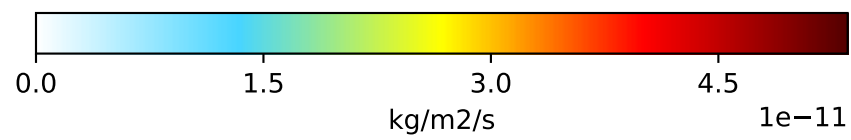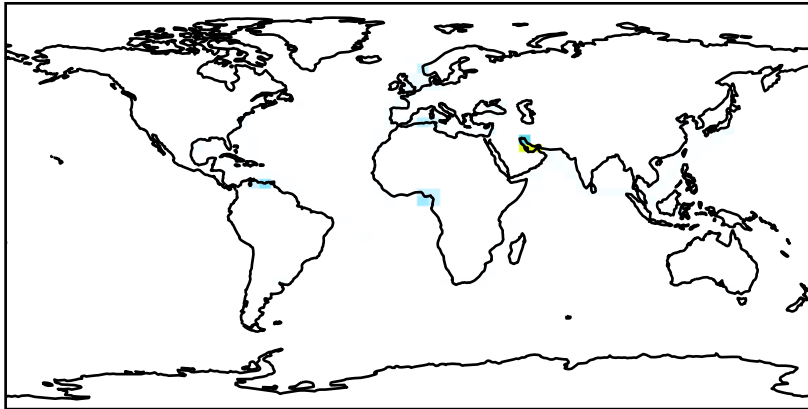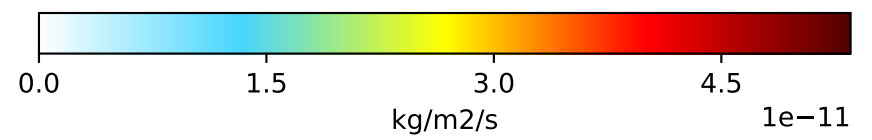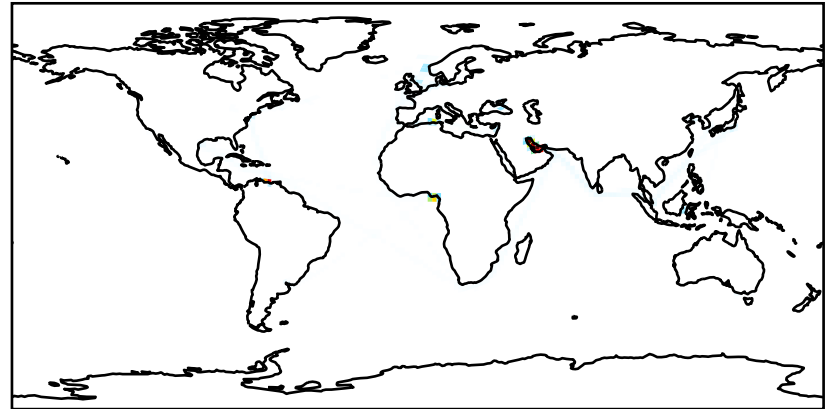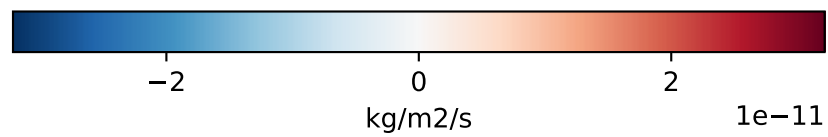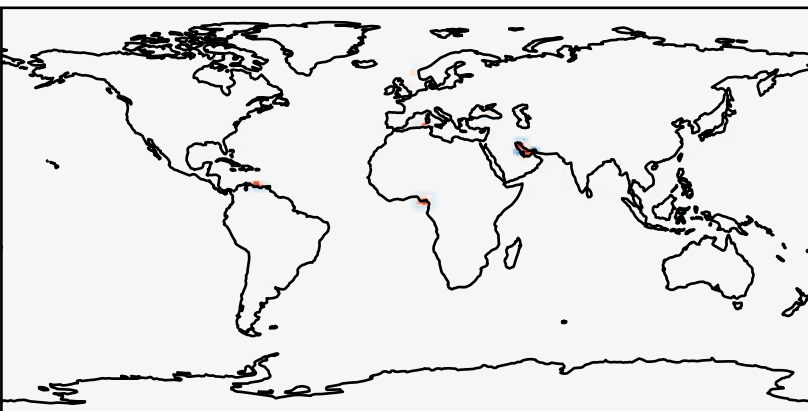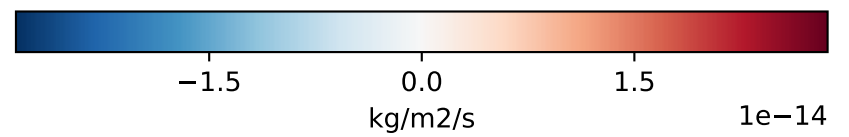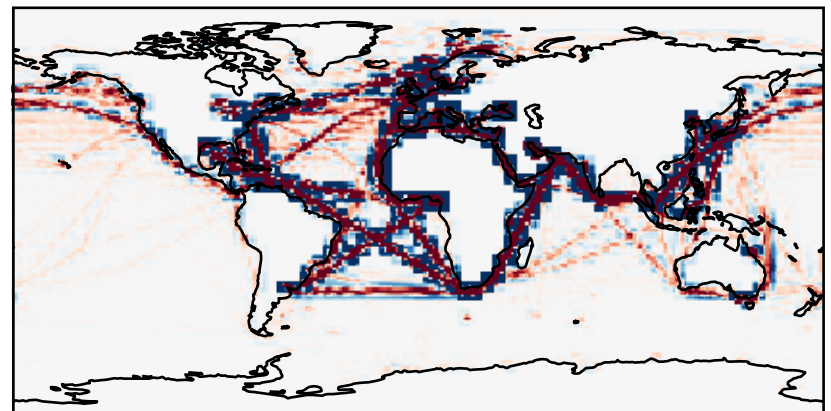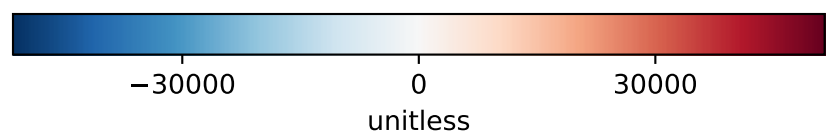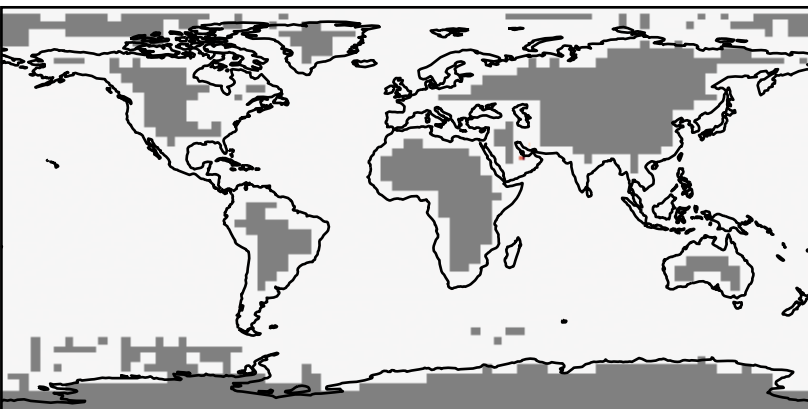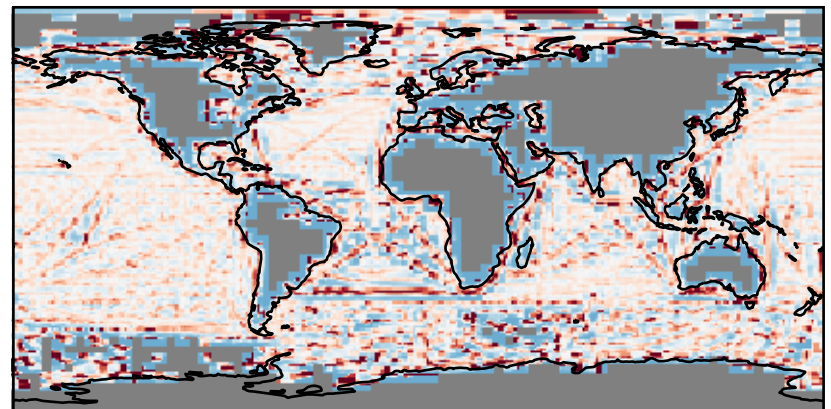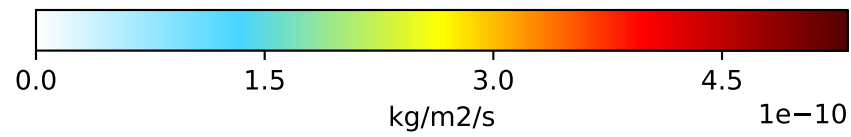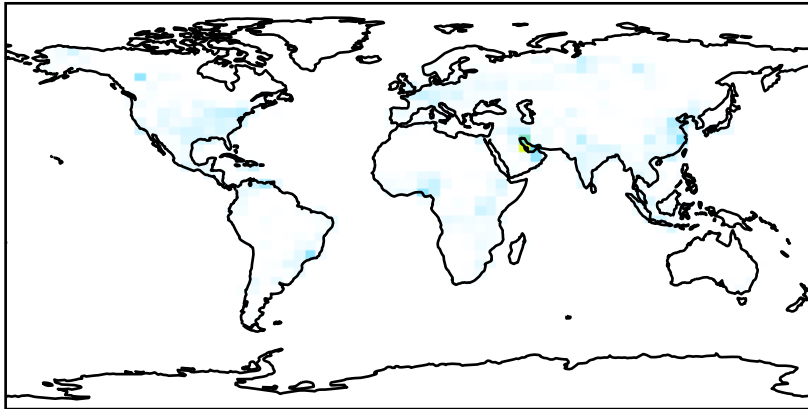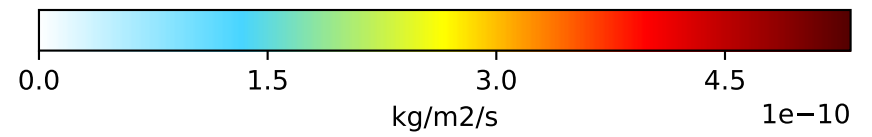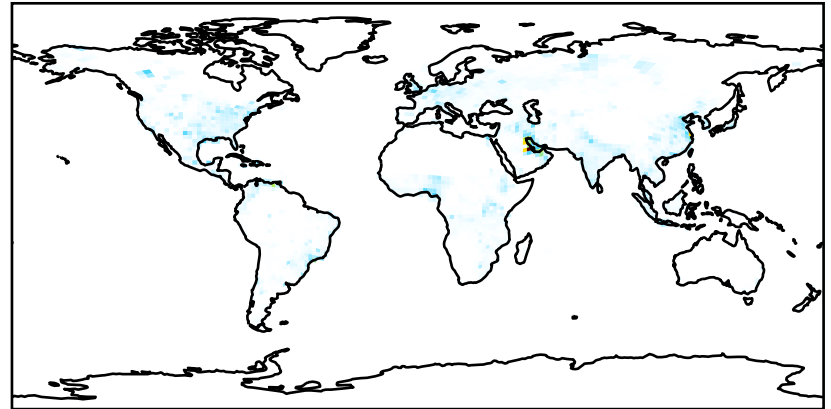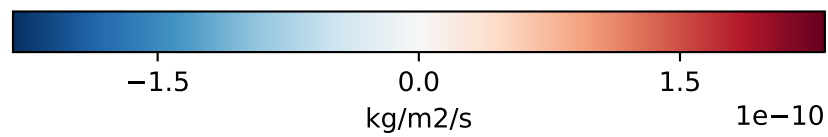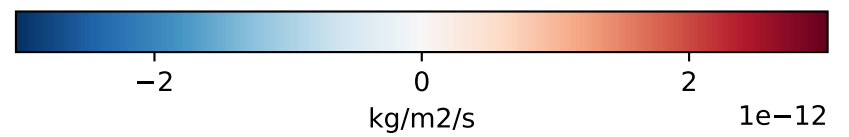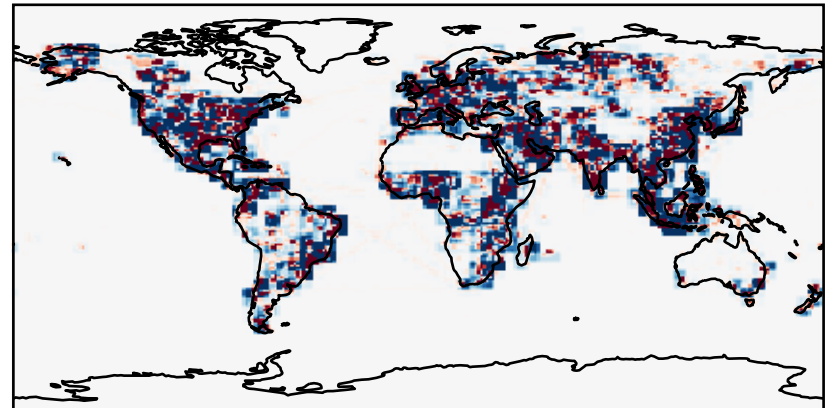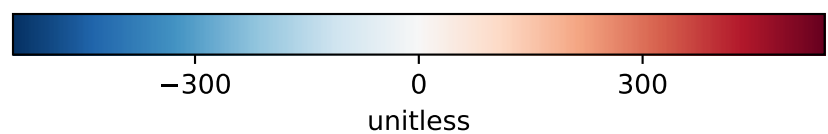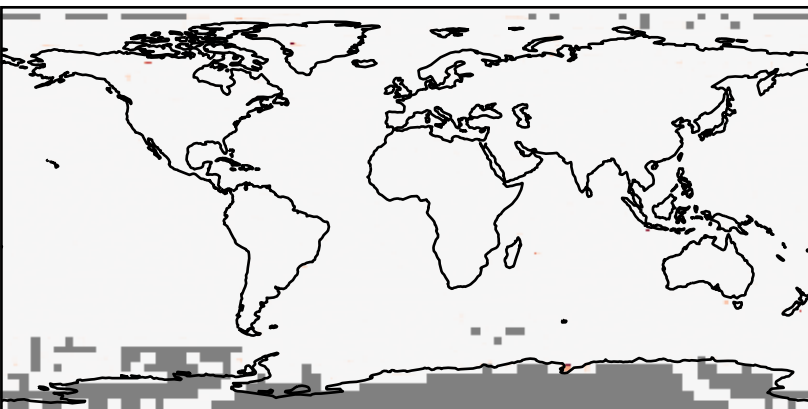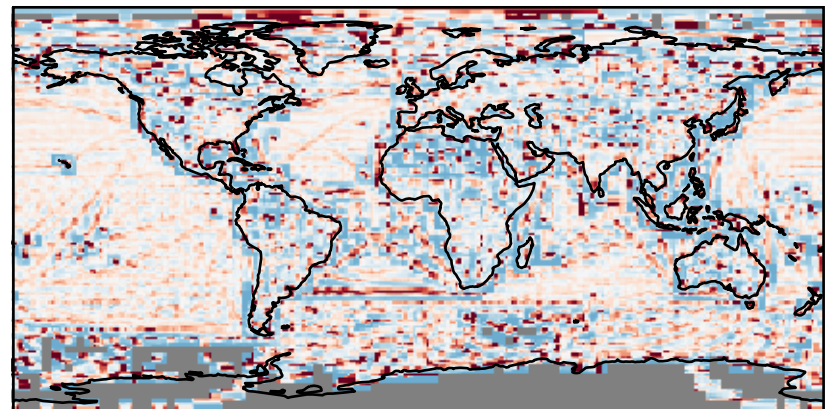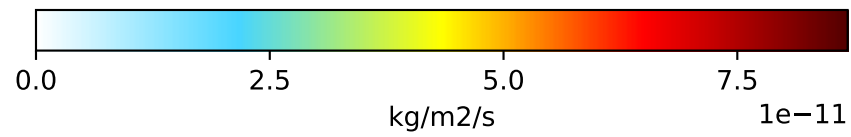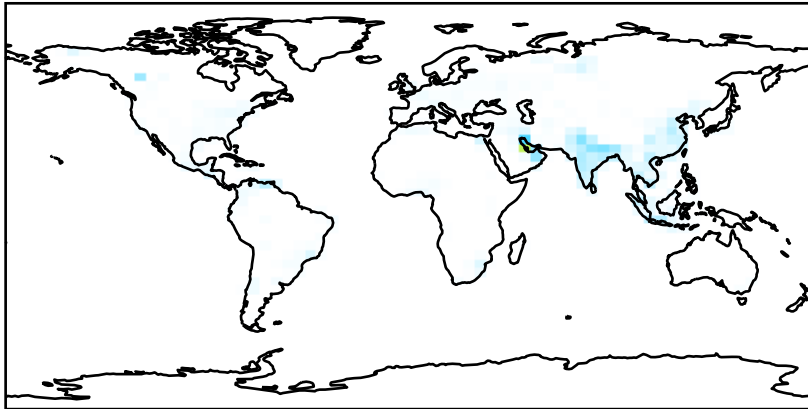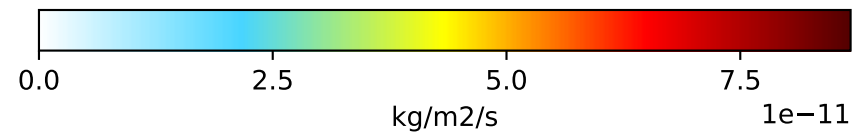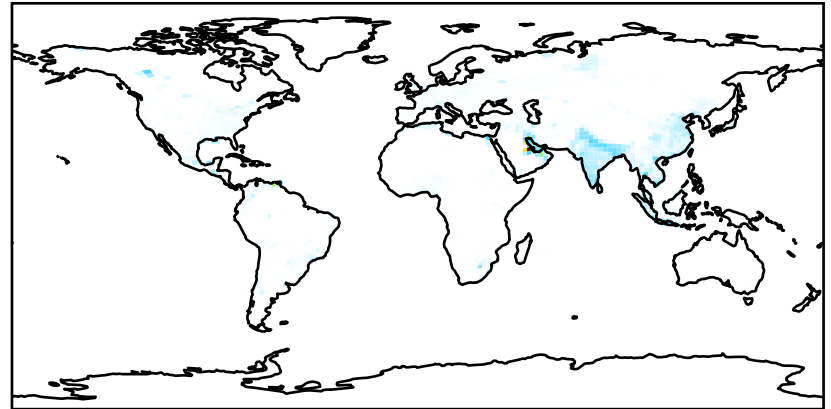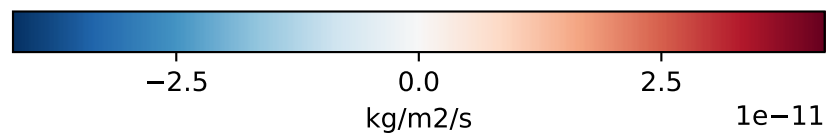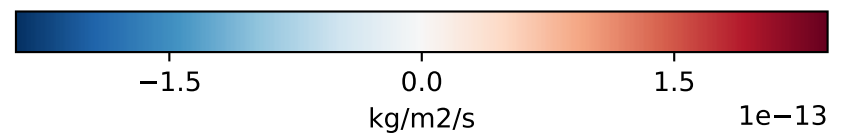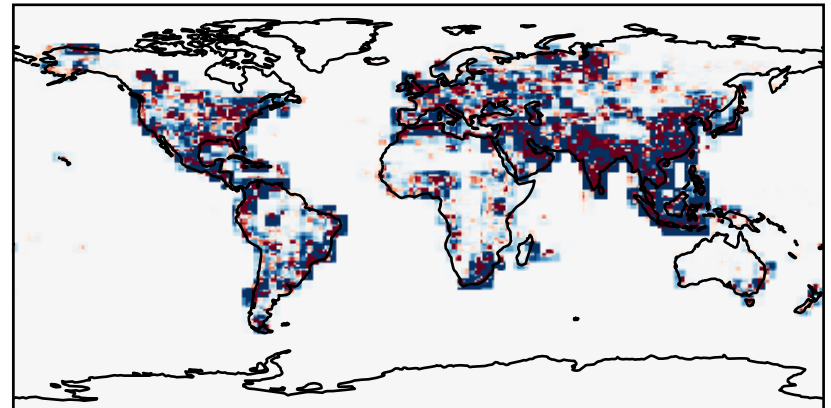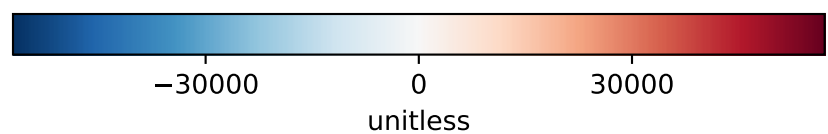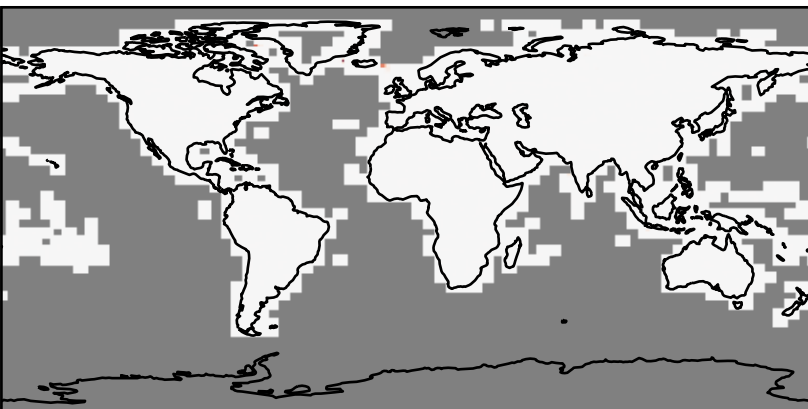Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

EmisALK4_Ship

EmisALK4_Total

EmisBENZ_Anthro

EmisBENZ_BioBurn

EmisBENZ_Ship
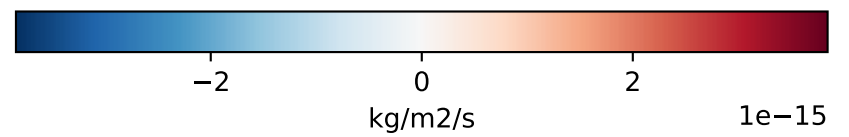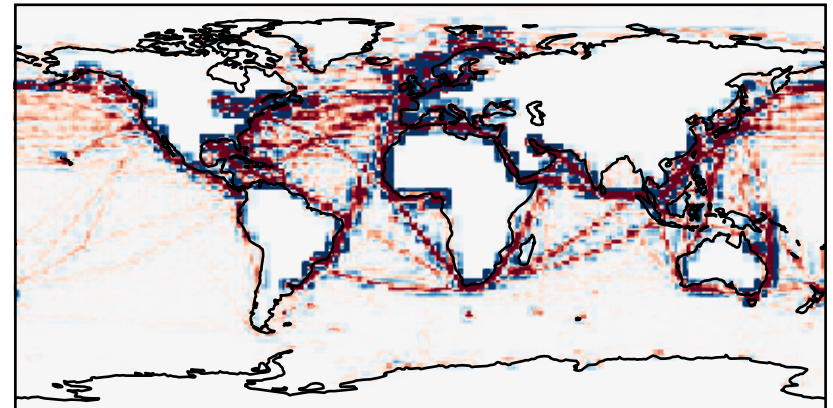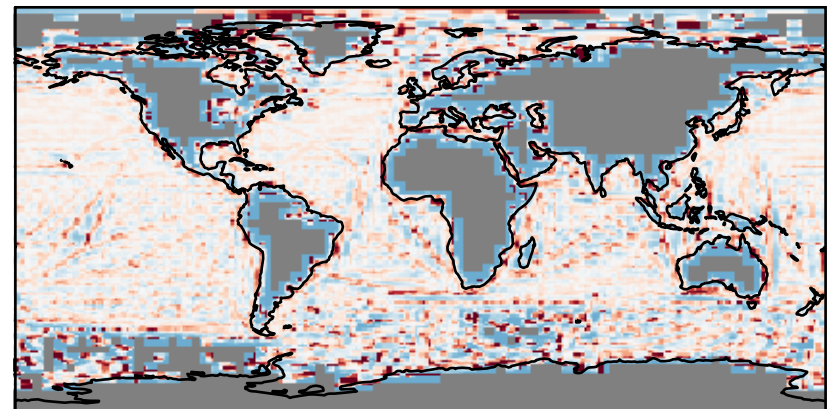
EmisBENZ_Total

EmisCH4_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

EmisCH4_BioBurn

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

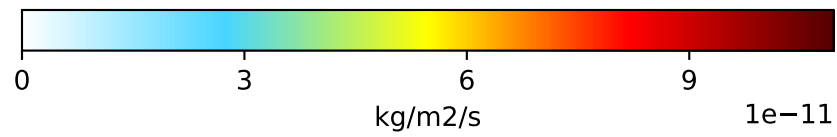Zero throughout domain
kg/m2/s

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

Zero throughout domain
kg/m2/s

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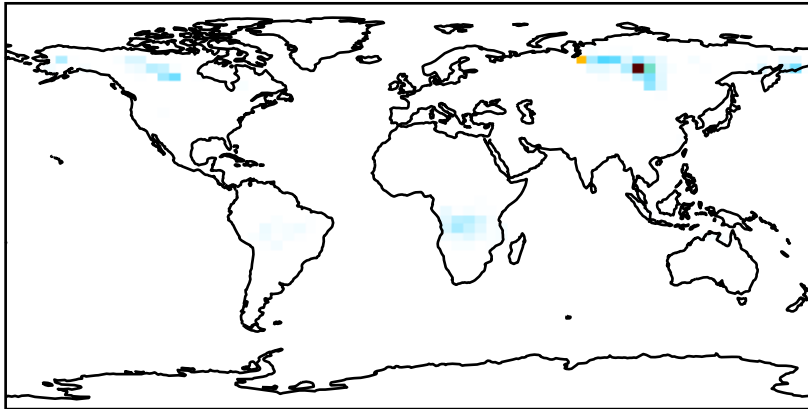(Dev-Ref)/Ref, Dynamic Range

Undefined throughout domain
unitless

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

Undefined throughout domain
unitless

EmisCH4_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
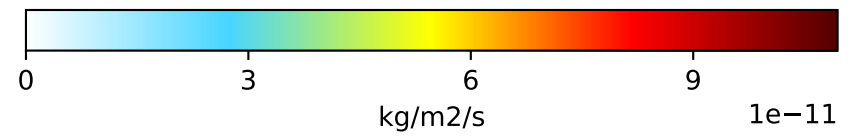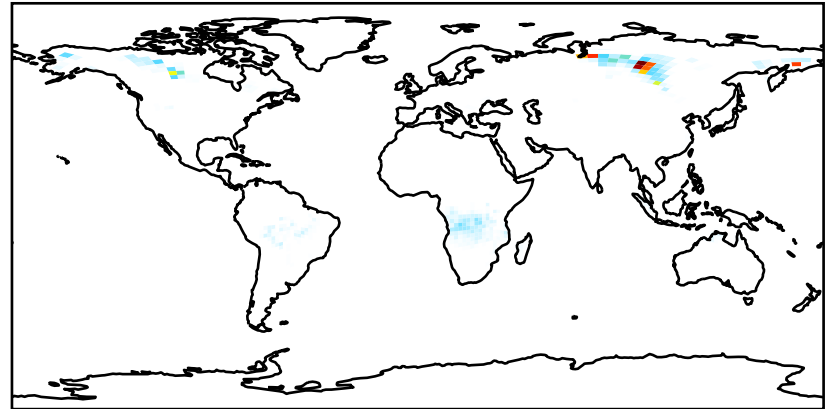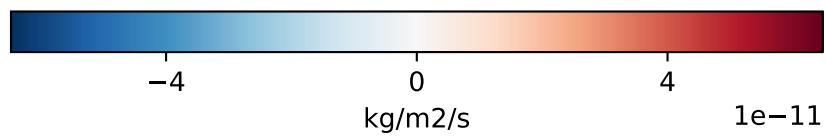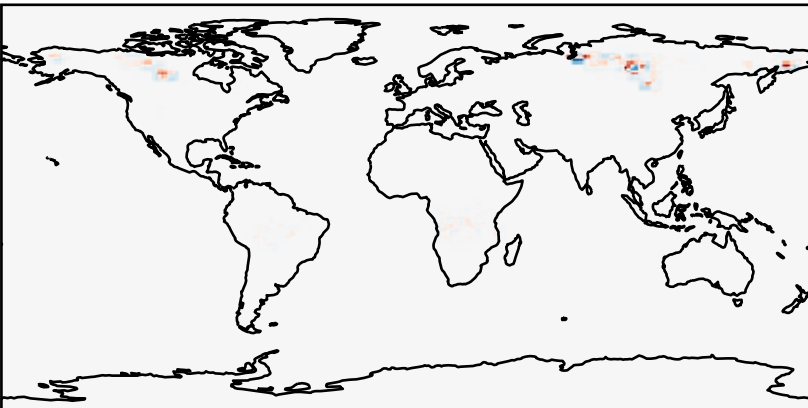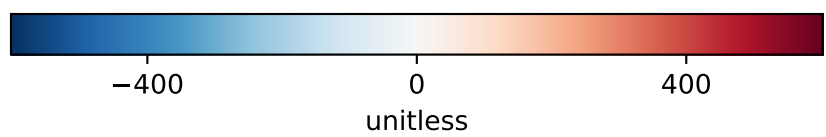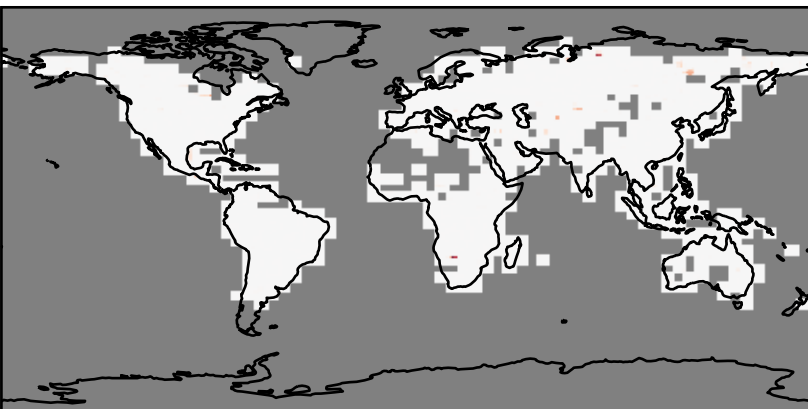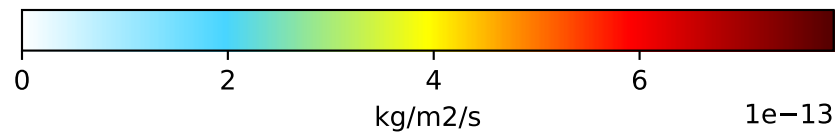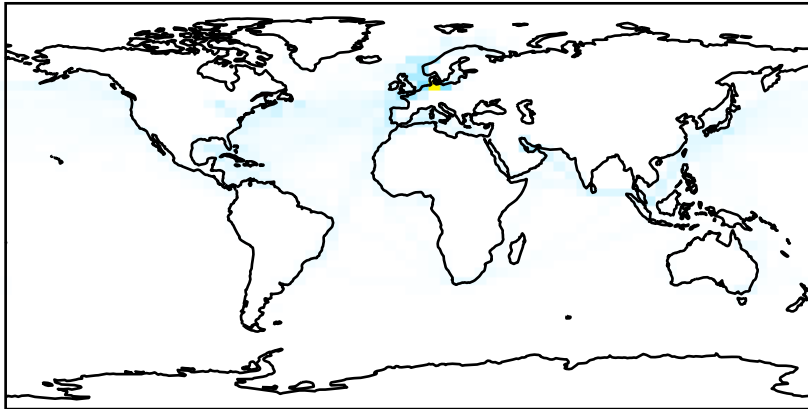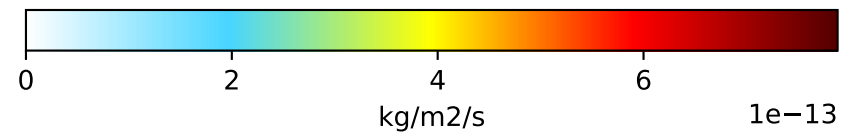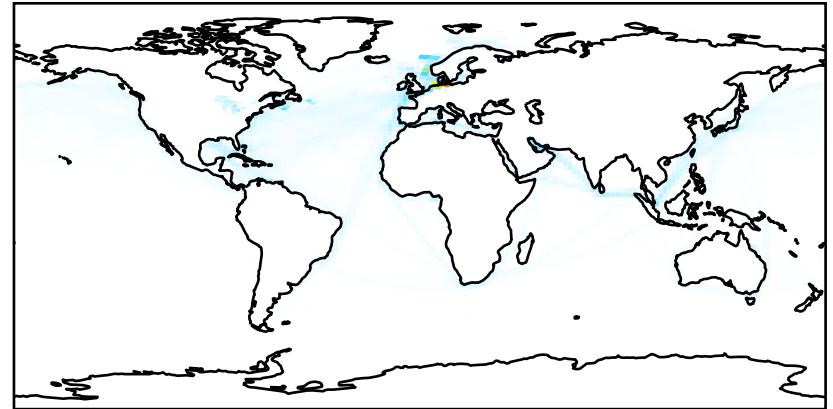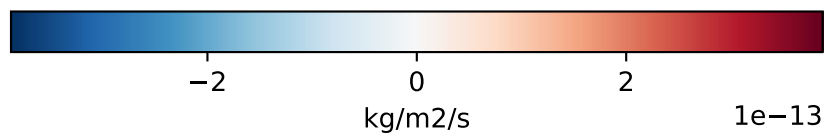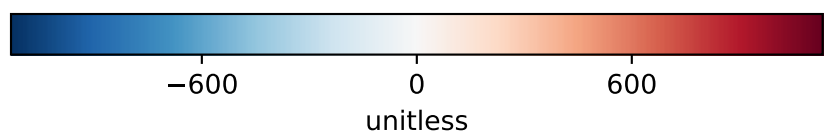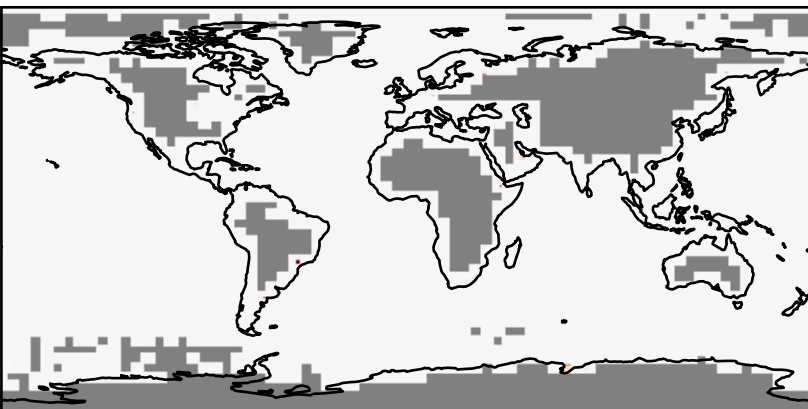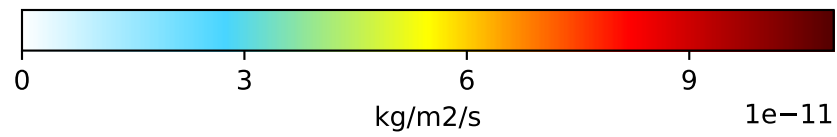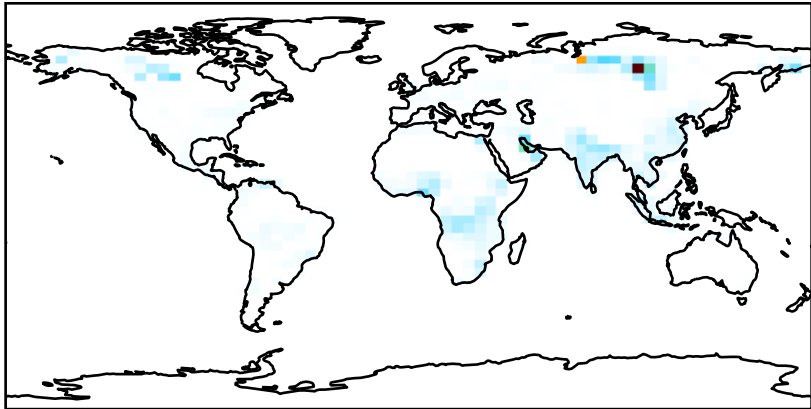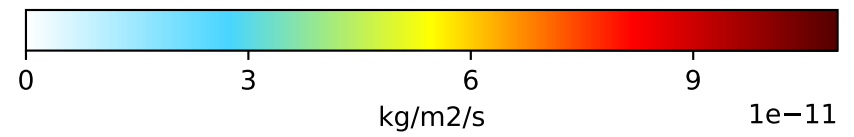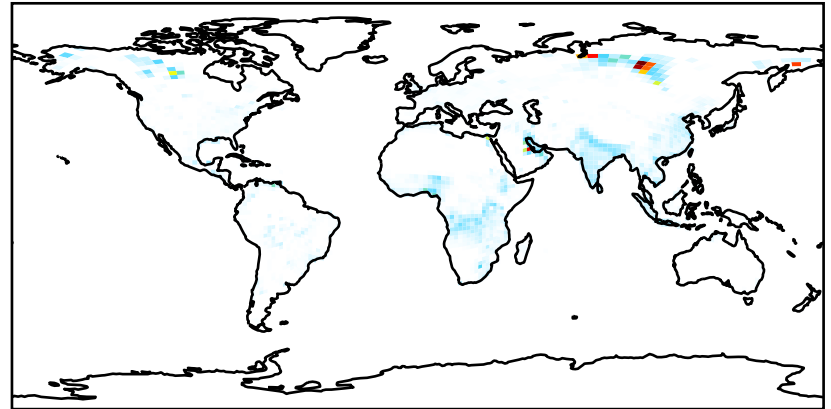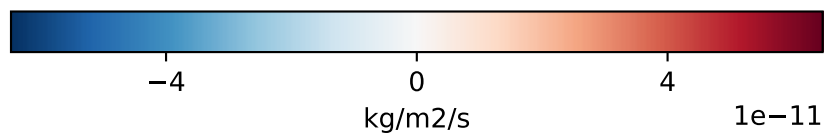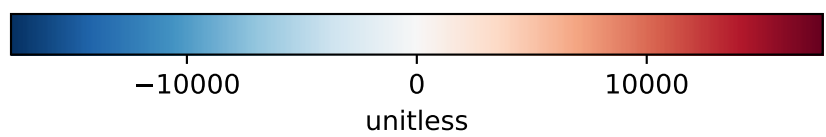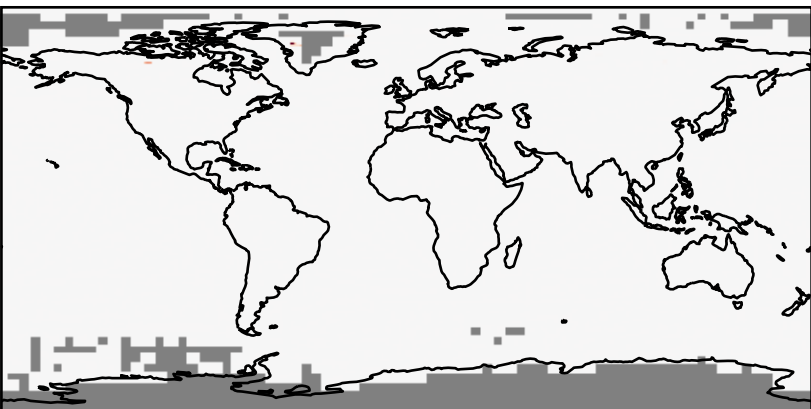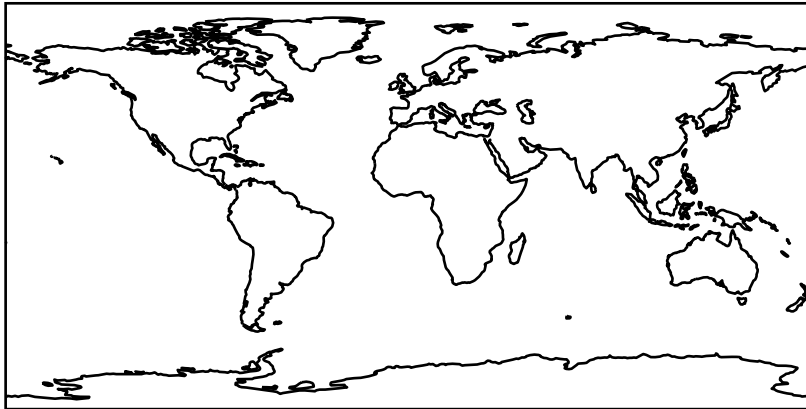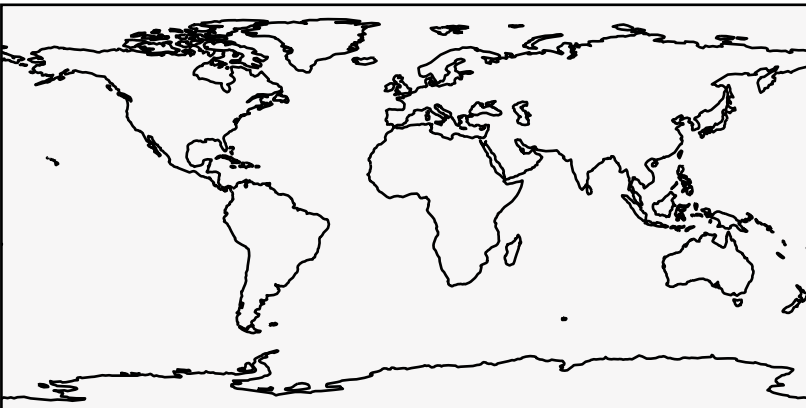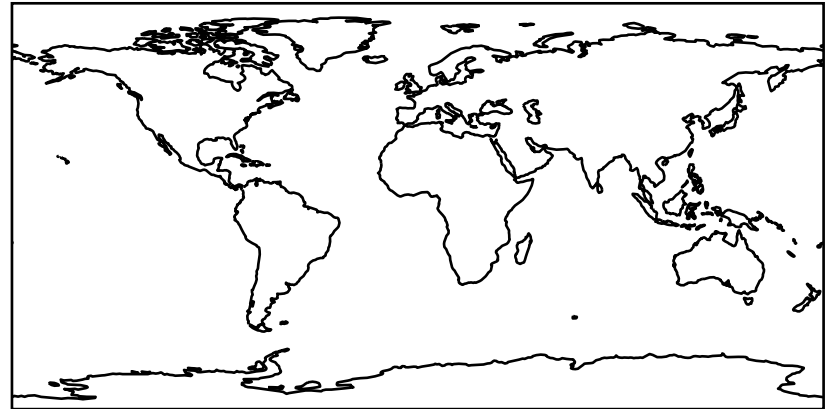
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

Undefined throughout domain
unitless

Undefined throughout domain
unitless

EmisCH4_Total

GC_12.6.0 (Ref)
4x5

Zero throughout domain
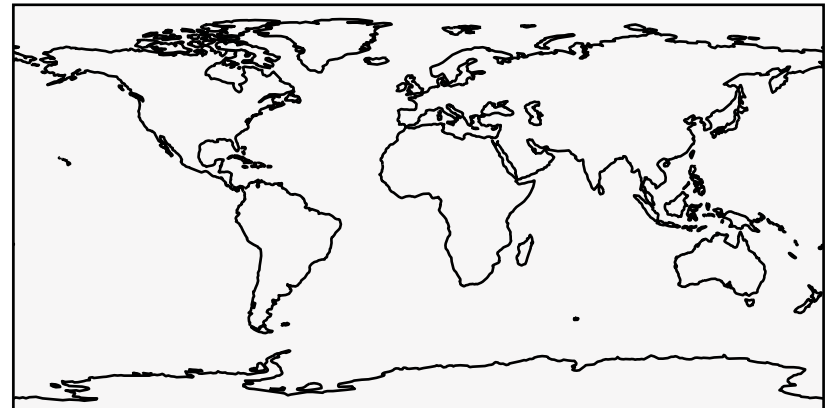kg/m2/s

GCHP_12.6.0 (Dev)
c48

Zero throughout domain
kg/m2/s

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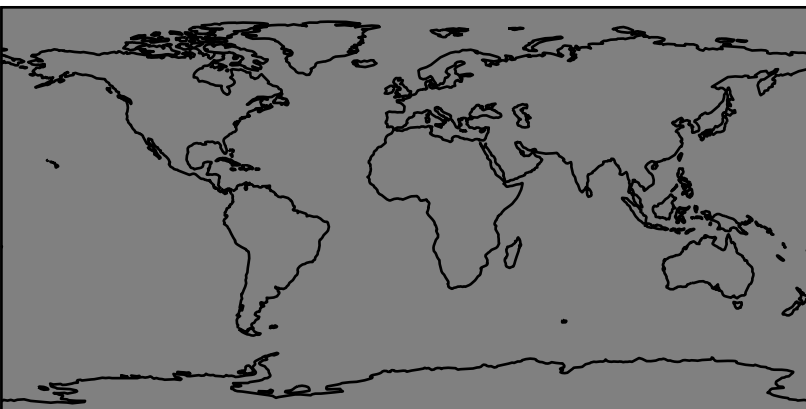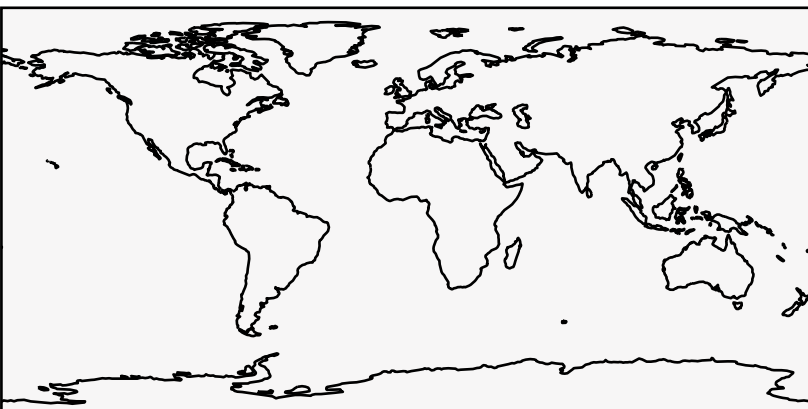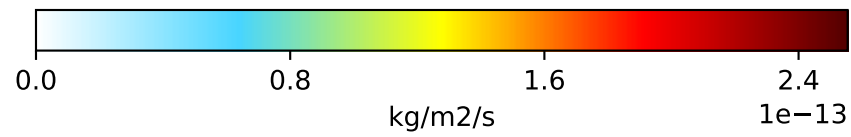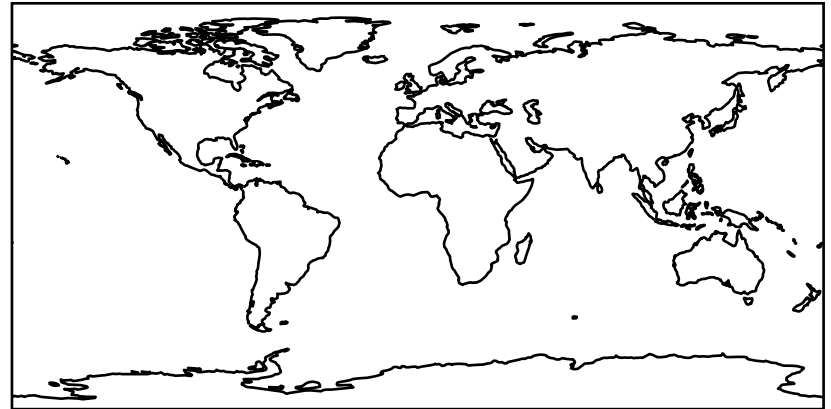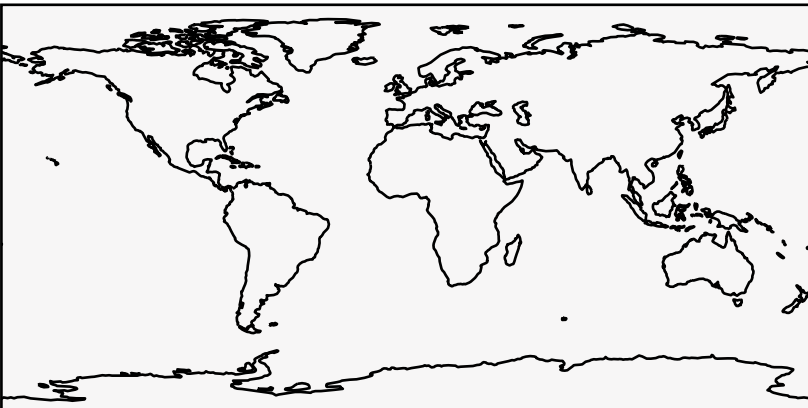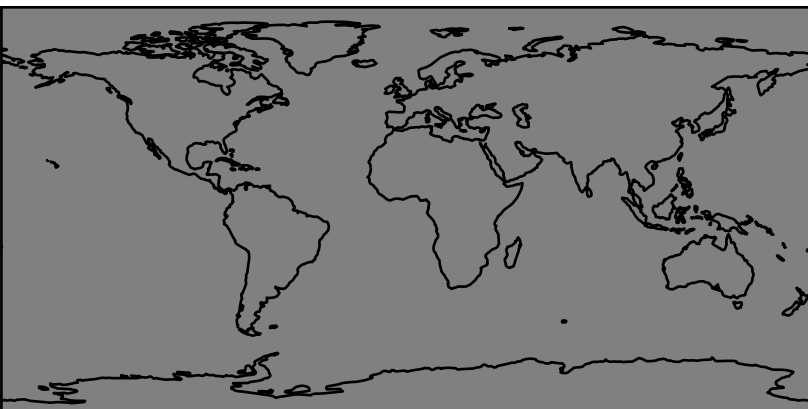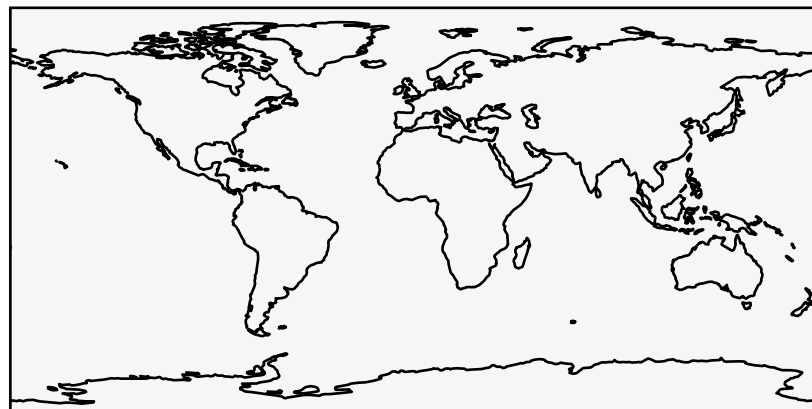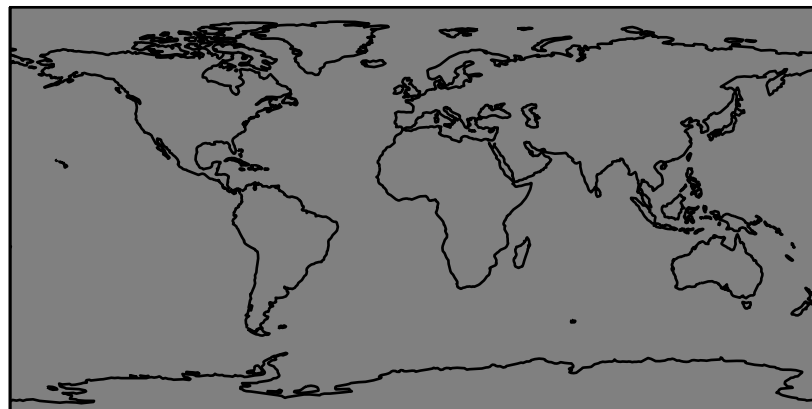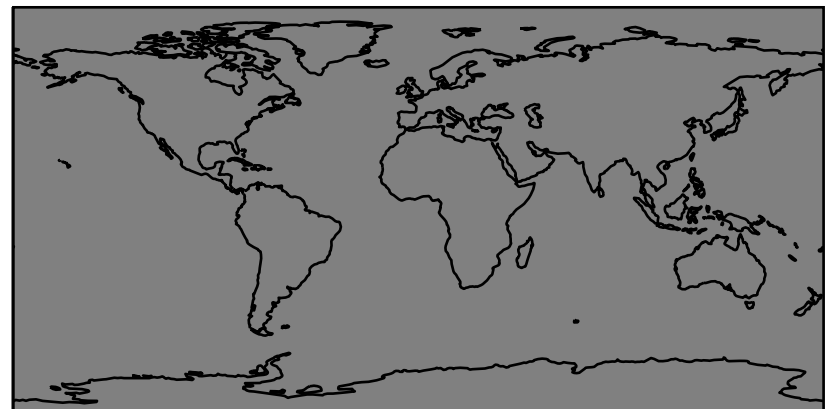### Dev - Ref, Dynamic Range

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)
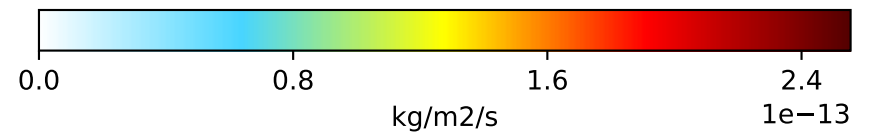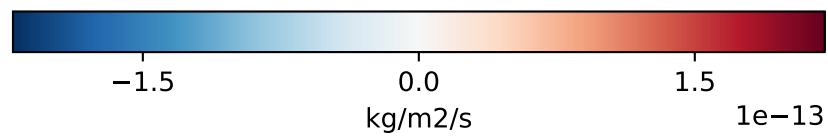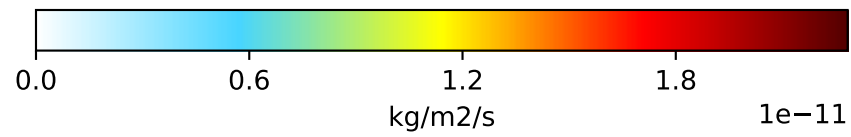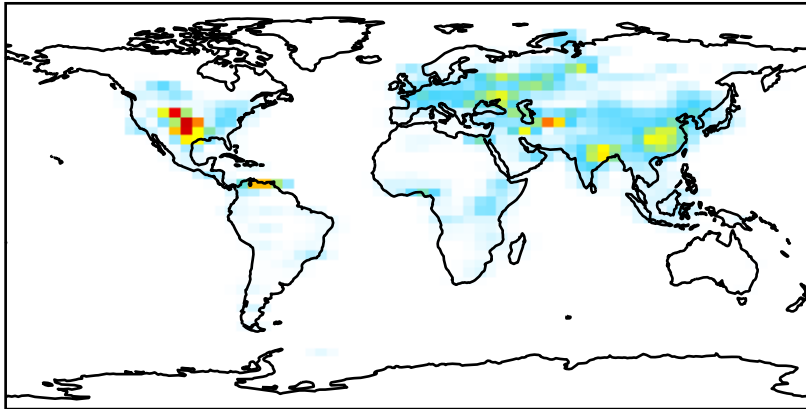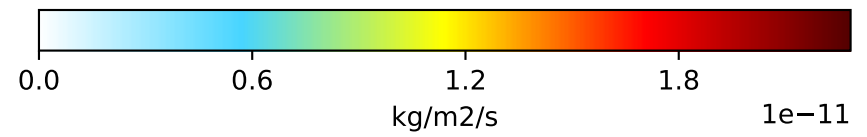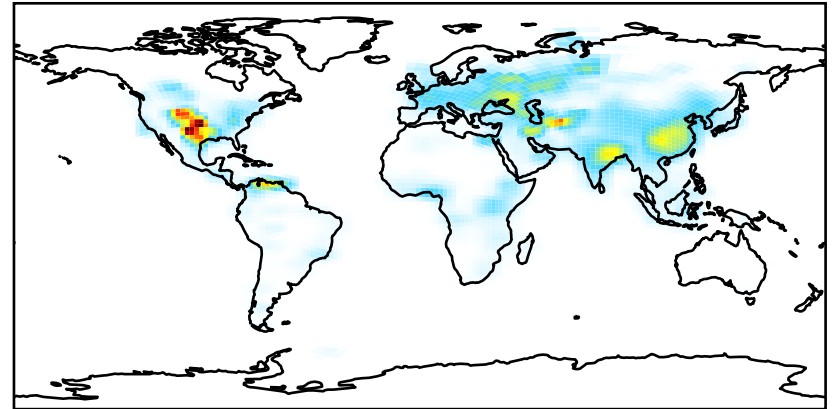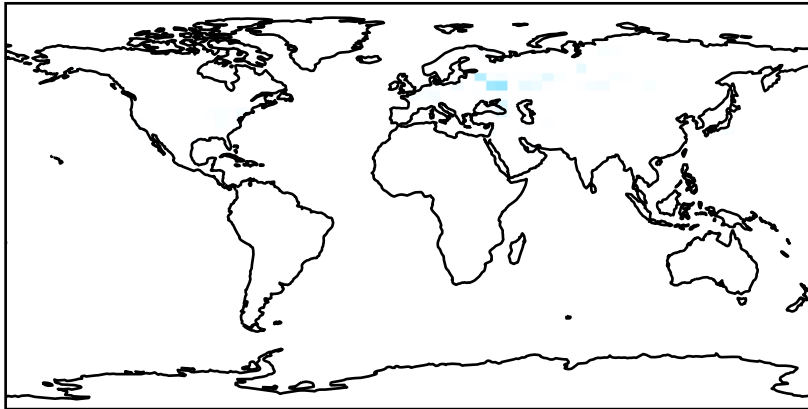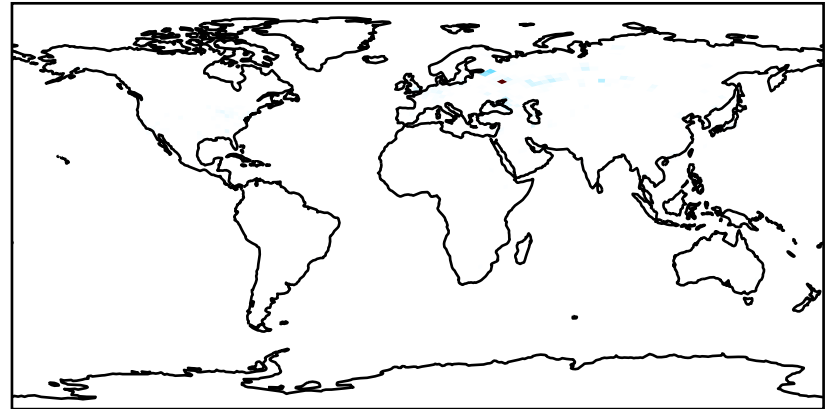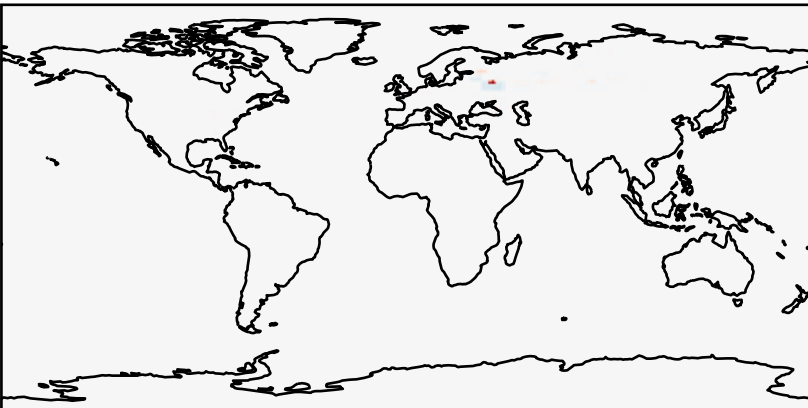### (Dev-Ref)/Ref, Dynamic Range

Undefined throughout domain
unitless

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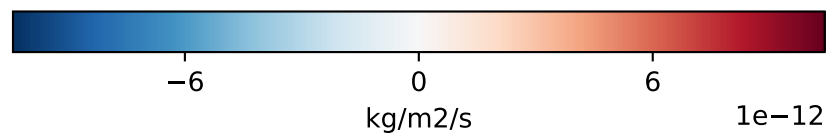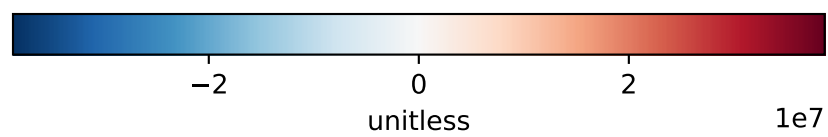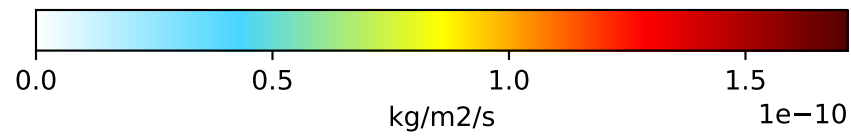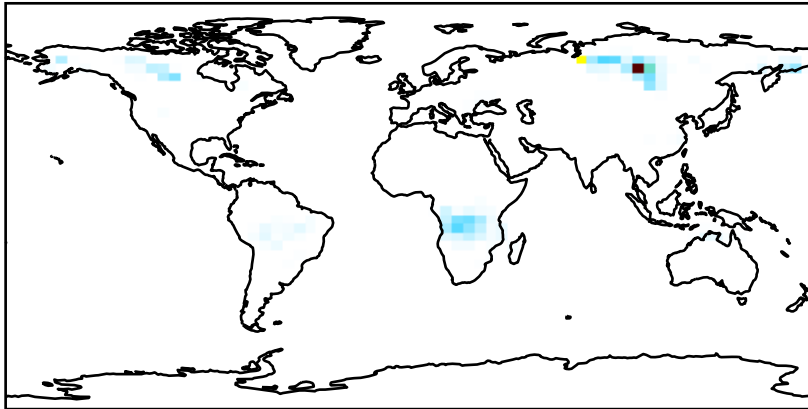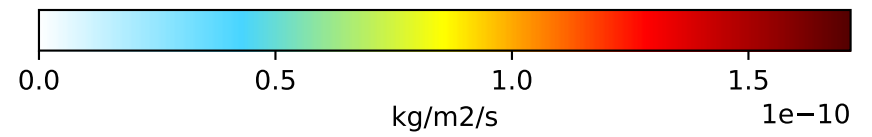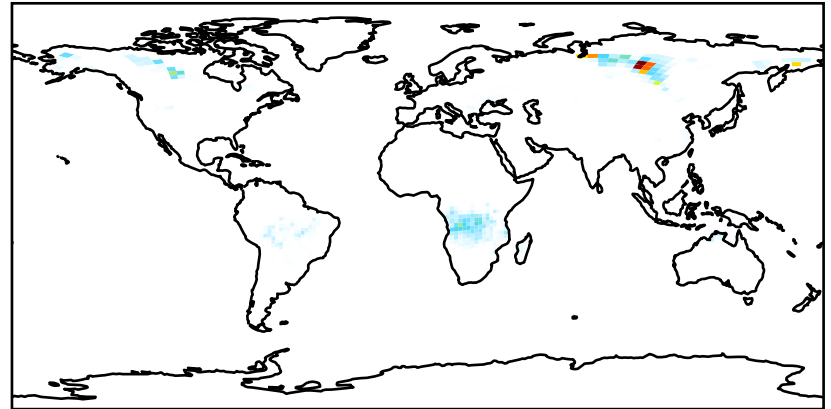### (Dev-Ref)/Ref, Fixed Range

Undefined throughout domain
unitless

EmisC2H6_Aircraft

EmisC2H6_Anthro

EmisC2H6_BioBurn

EmisC2H6_Ship
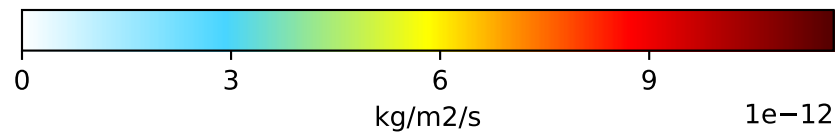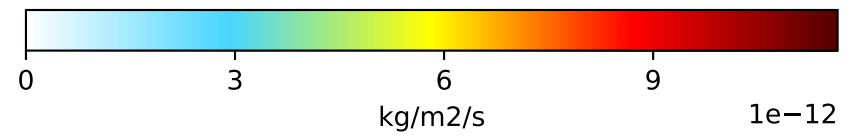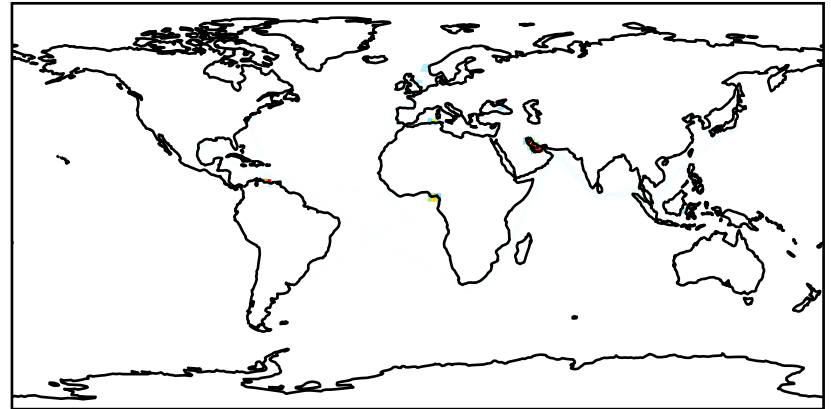
EmisC2H6_Total

EmisC2H4_Anthro

EmisC2H4_Biogenic

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

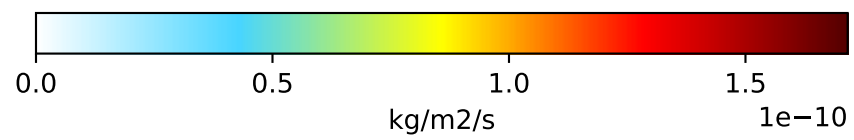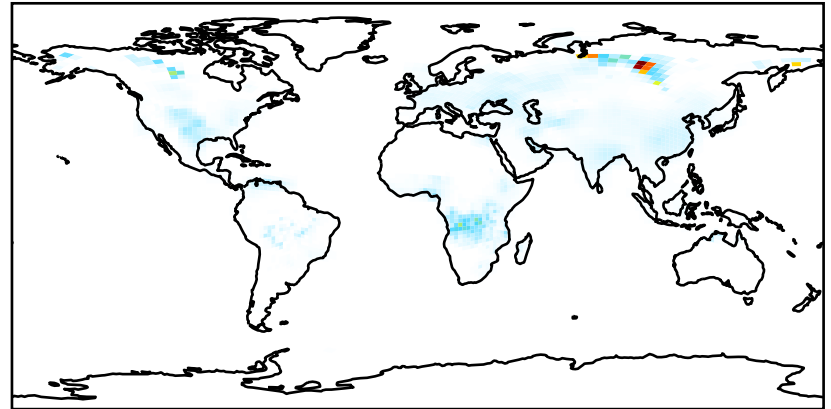Zero throughout domain
kg/m2/s

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

EmisC2H4_Ship

GC_12.6.0 (Ref)
4x5

GCHP_12.6.0 (Dev)
c48

Zero throughout domain
kg/m2/s
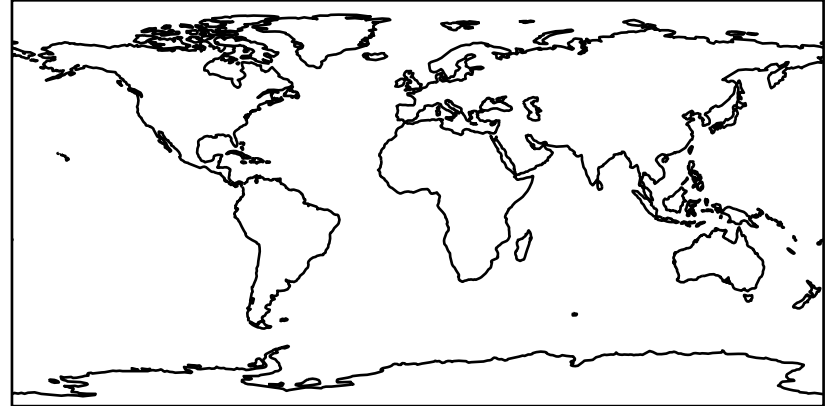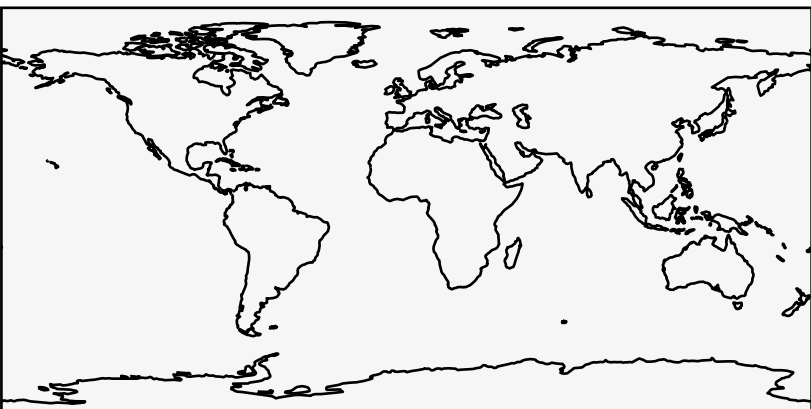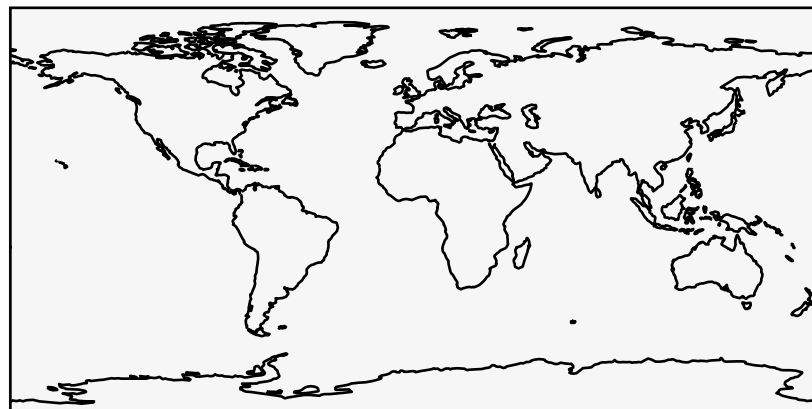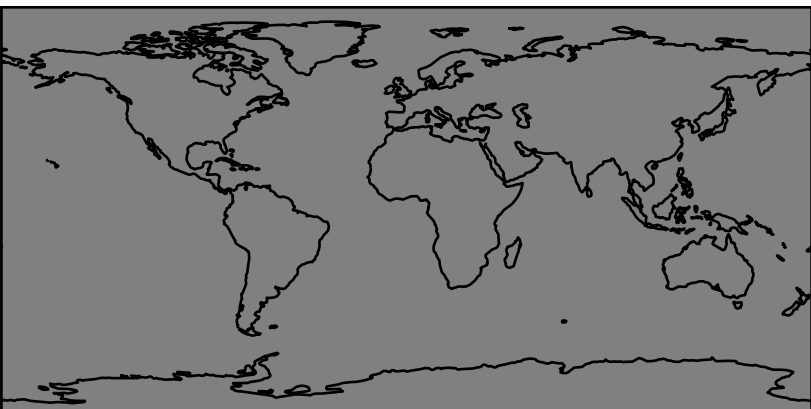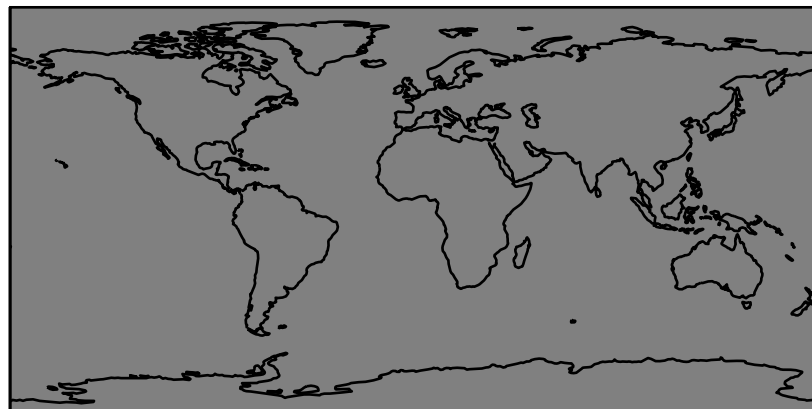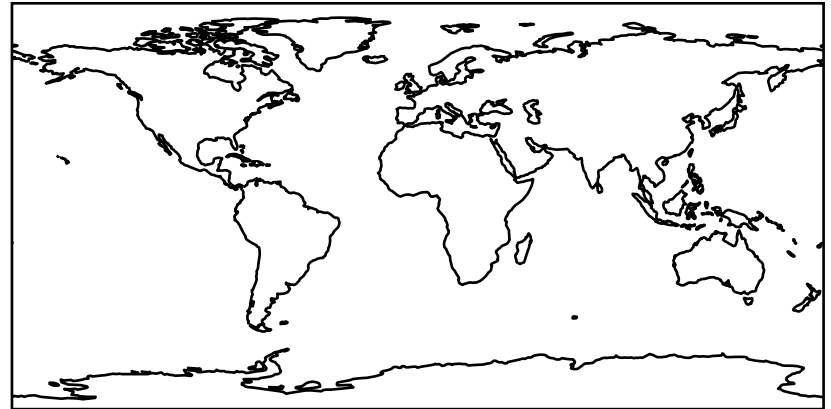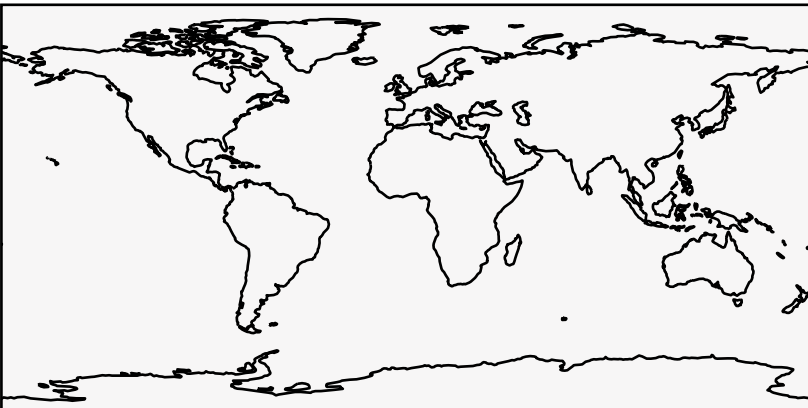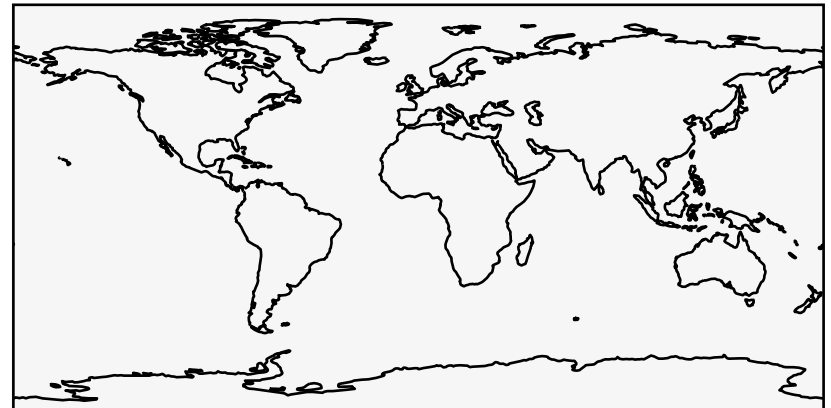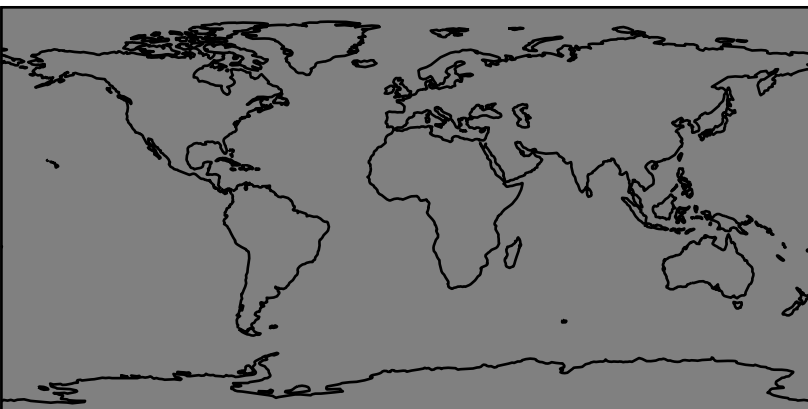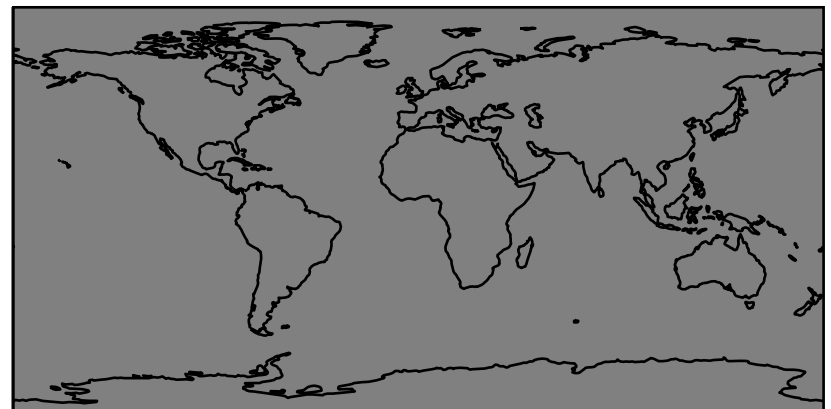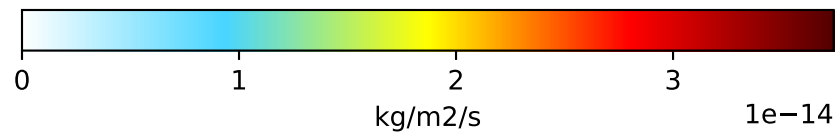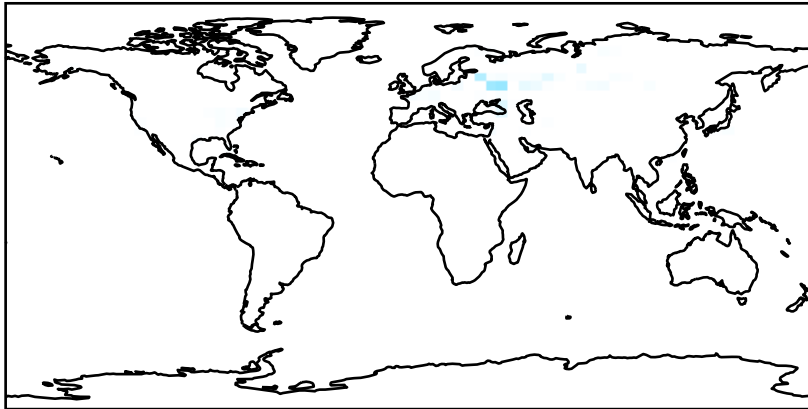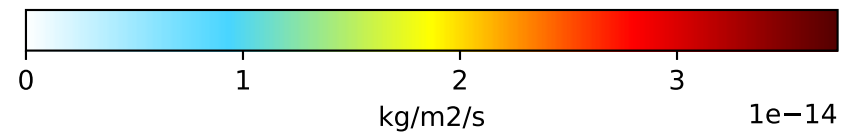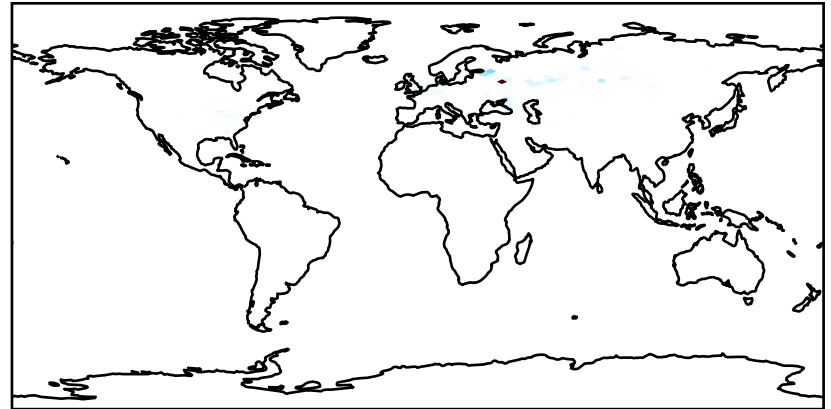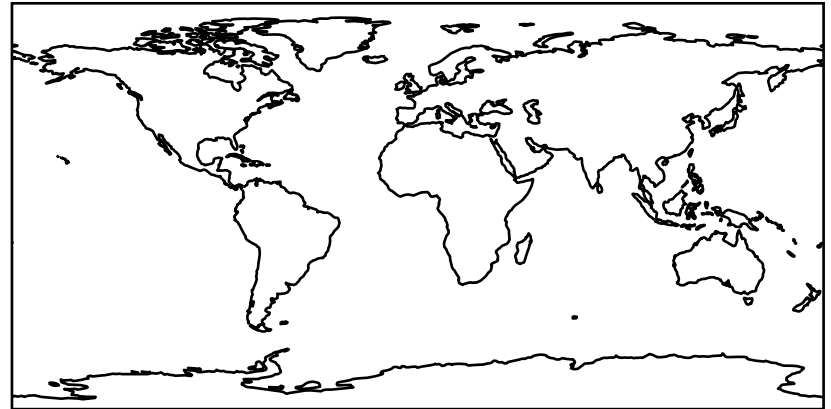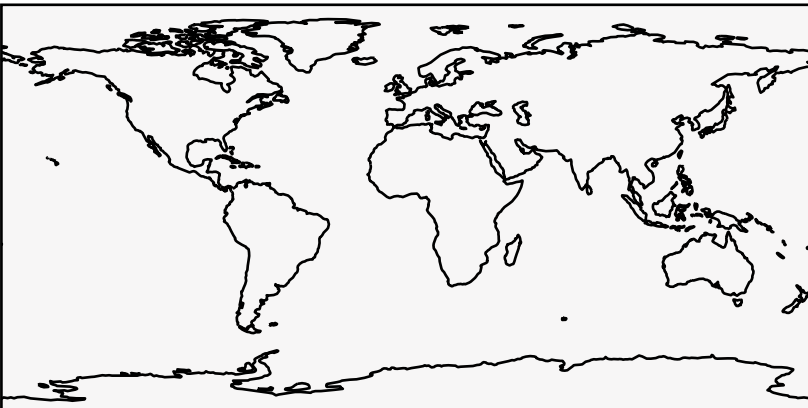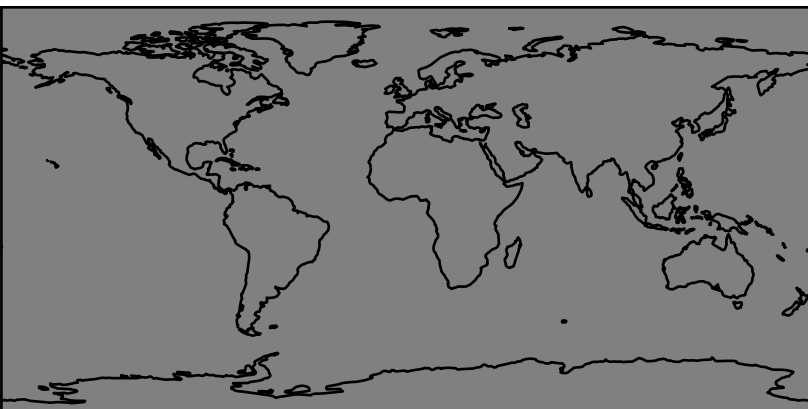
Zero throughout domain
kg/m2/s

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

EmisC2H4_Total

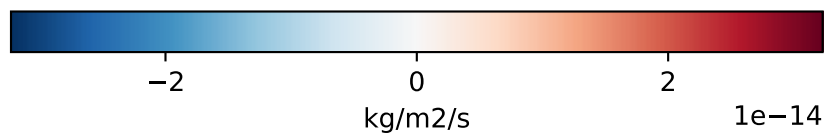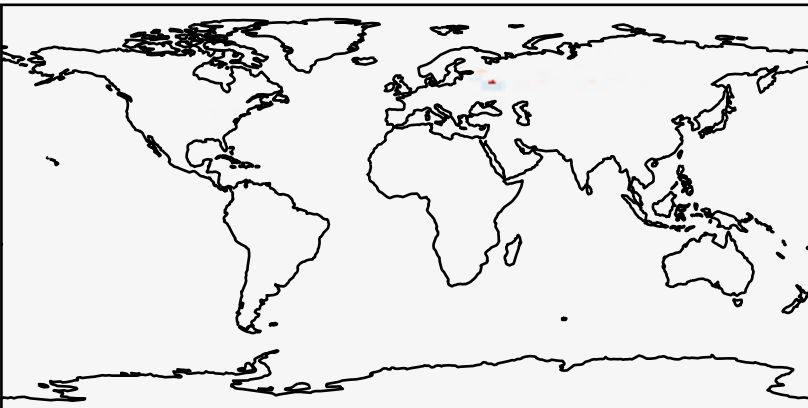# EmisC3H8_Aircraft

EmisC3H8_Anthro

EmisC3H8_BioBurn
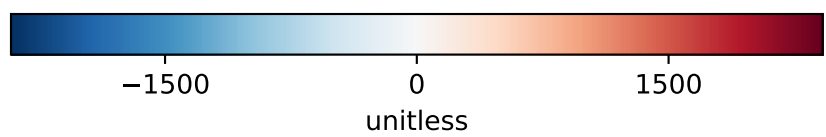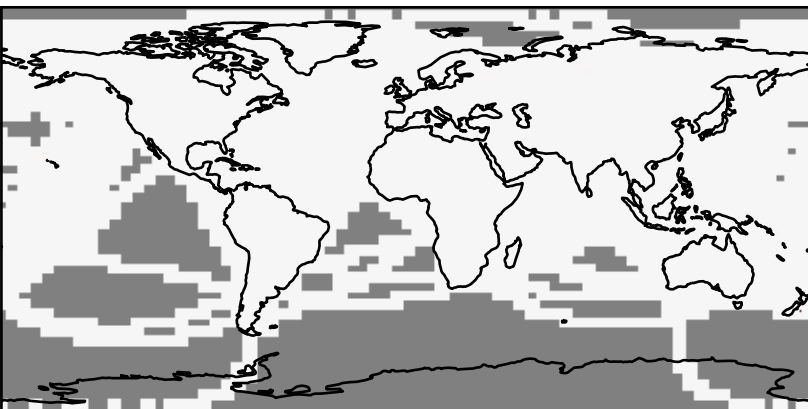
EmisC3H8_Ship

EmisC3H8_Total

GC_12.6.0 (Ref)
4x5

GCHP_12.6.0 (Dev)
c48

kg/m2/s

kg/m2/s

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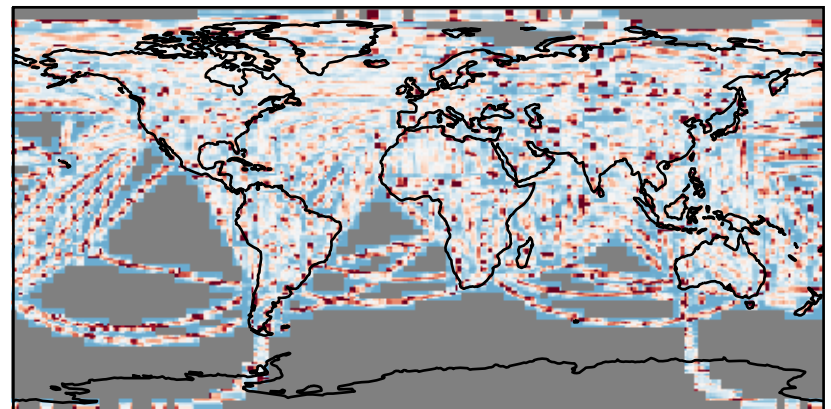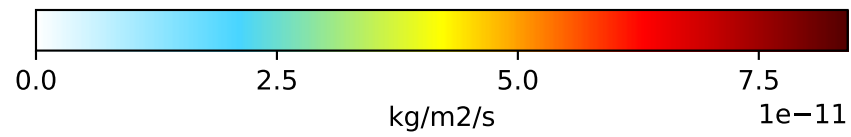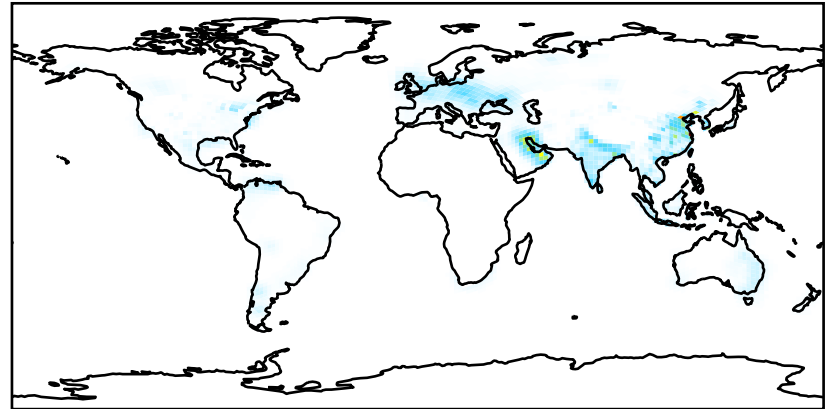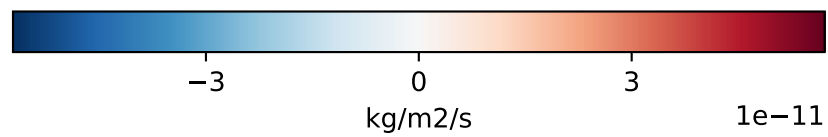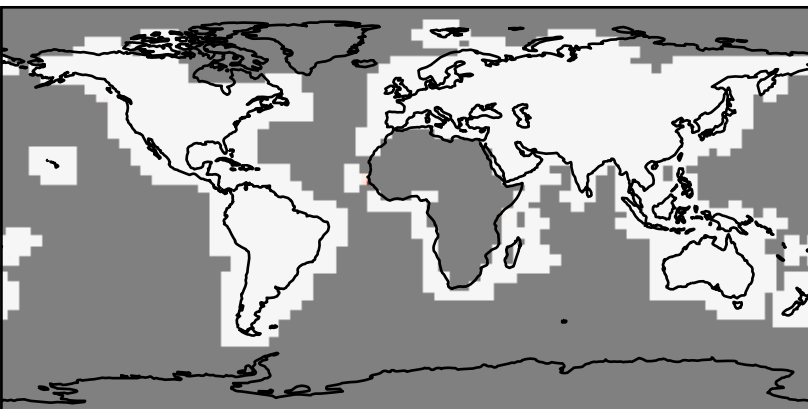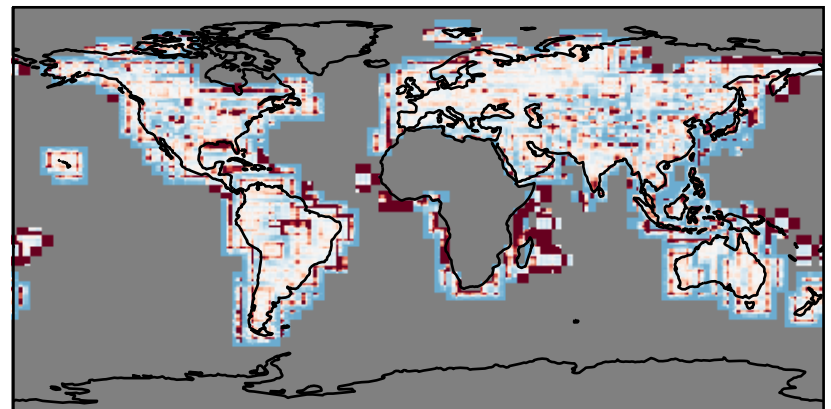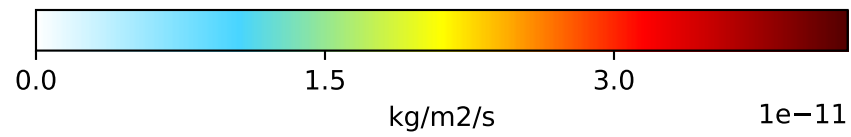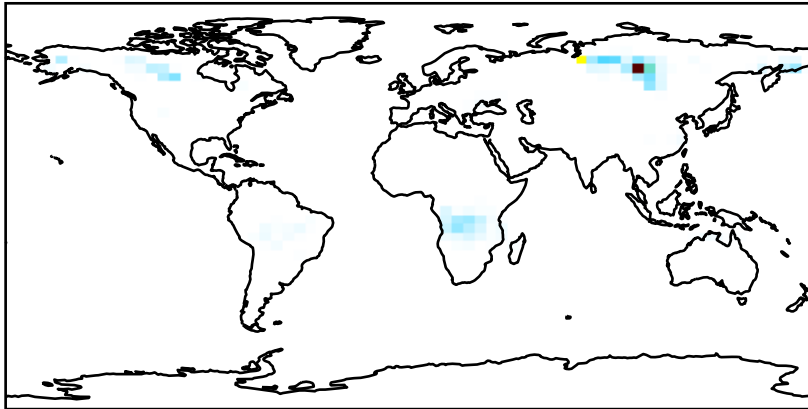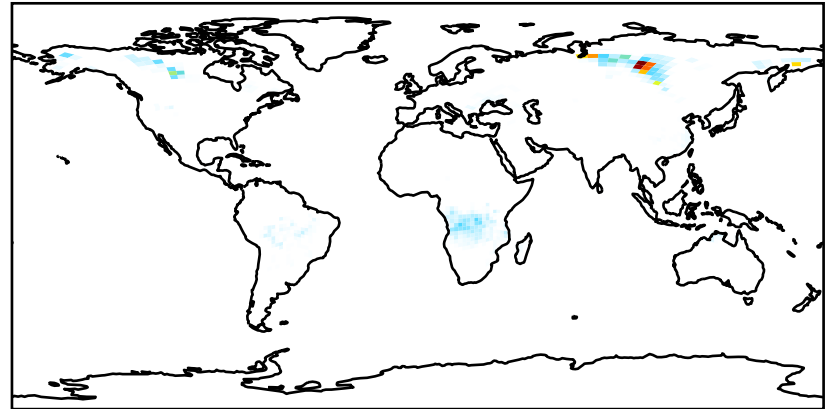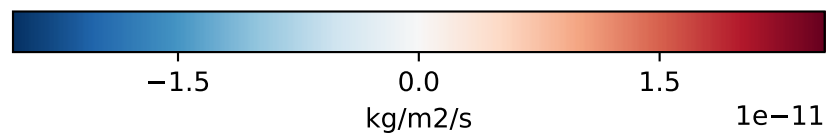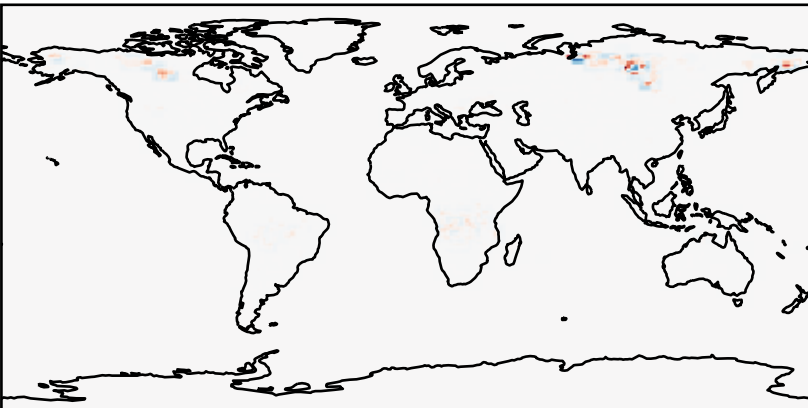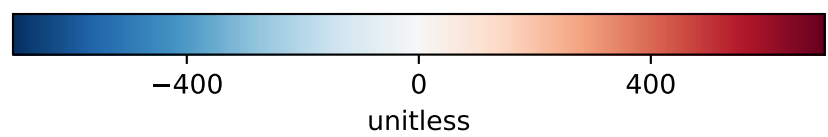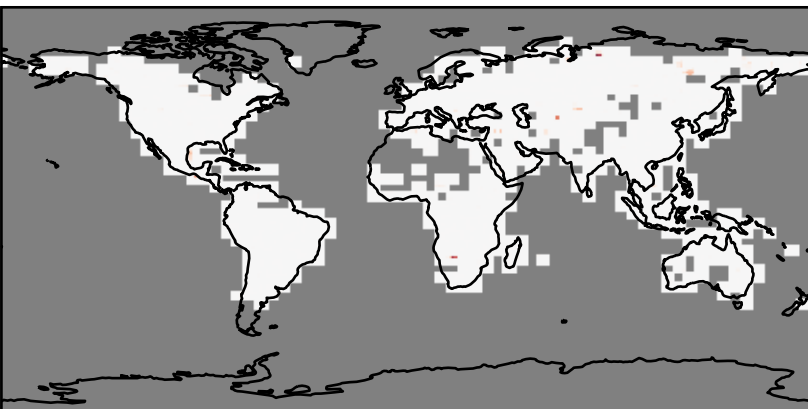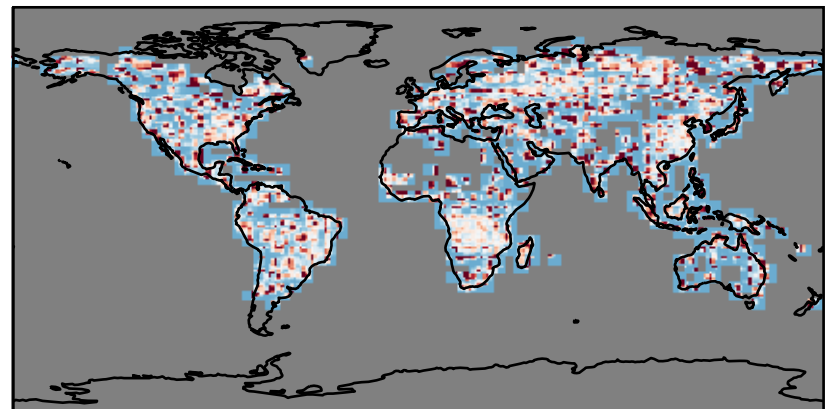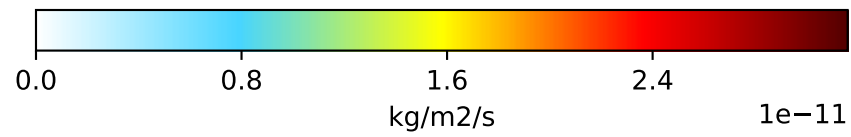Dev - Ref, Dynamic Range

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

kg/m2/s

kg/m2/s

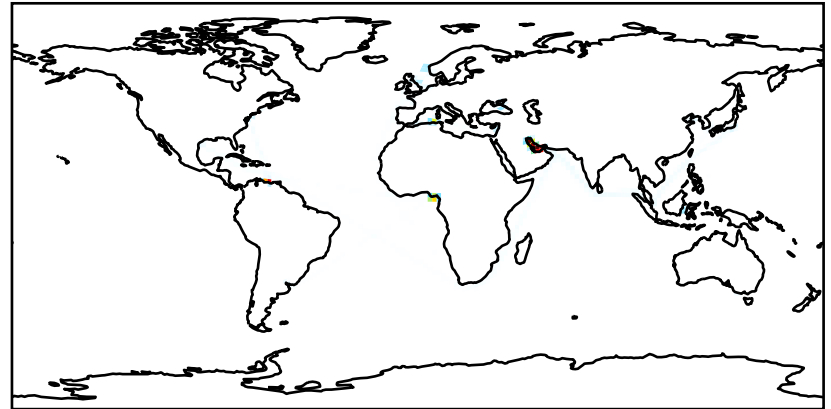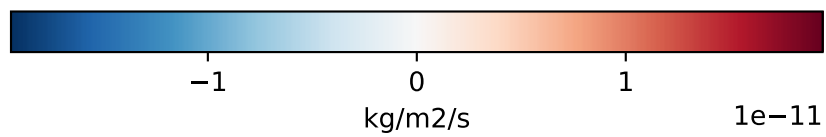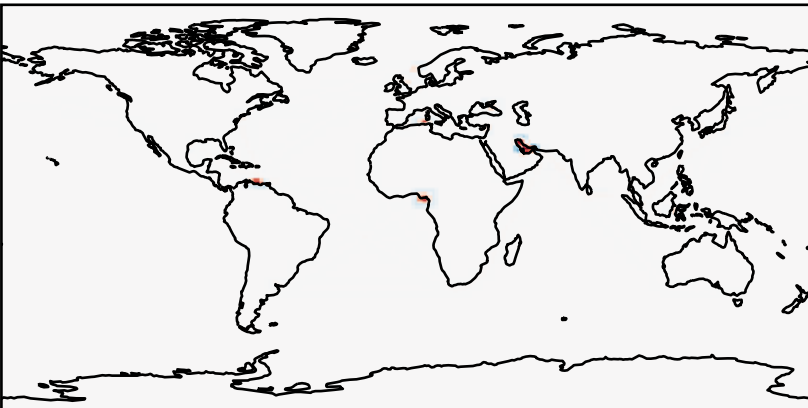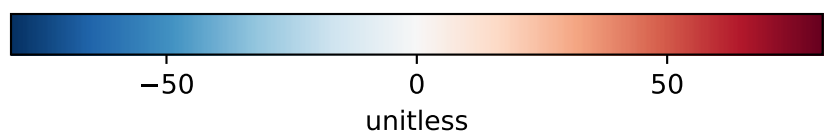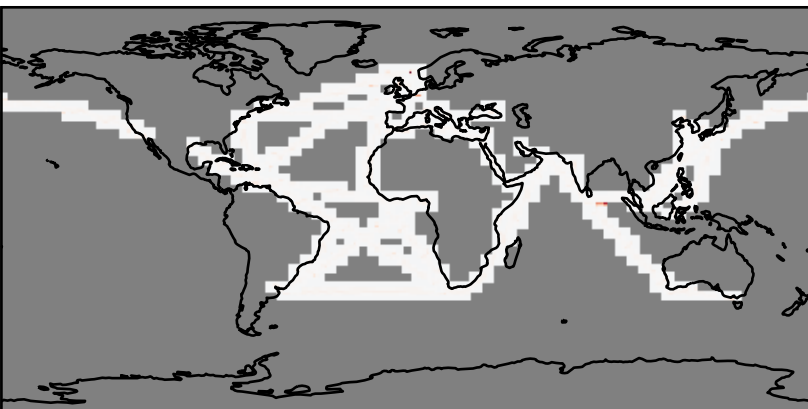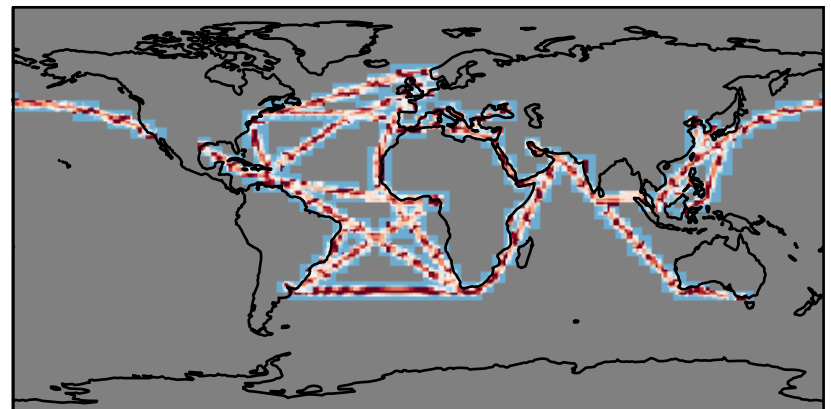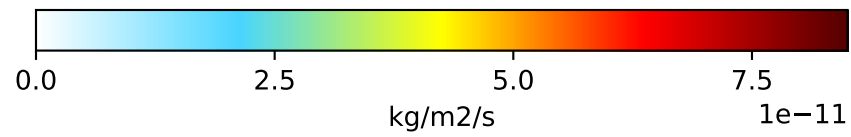**Fractional Difference (1x1.25)**
(Dev-Ref)/Ref, Dynamic Range

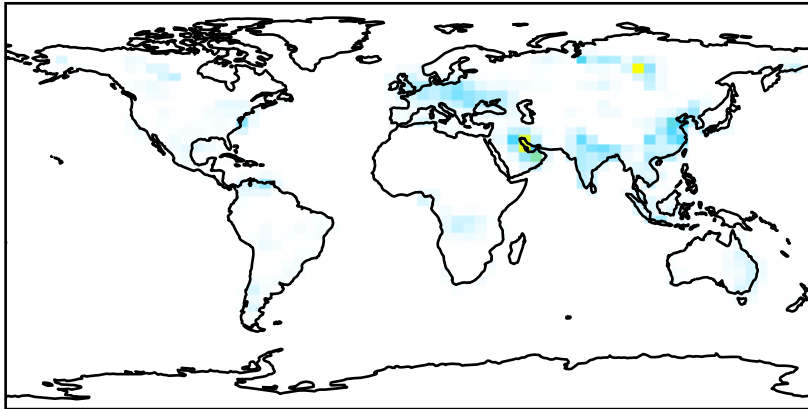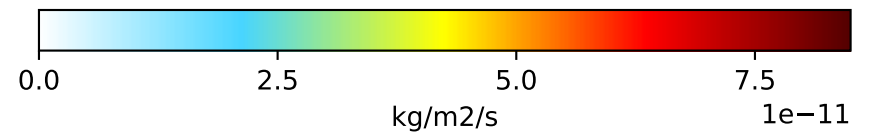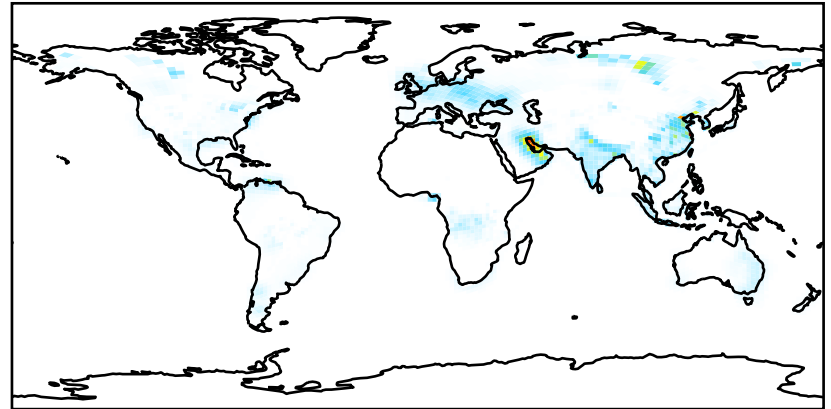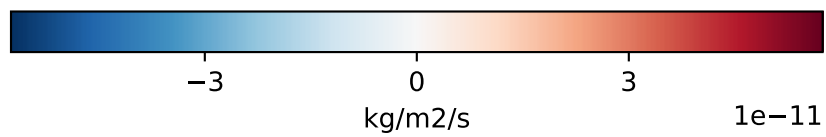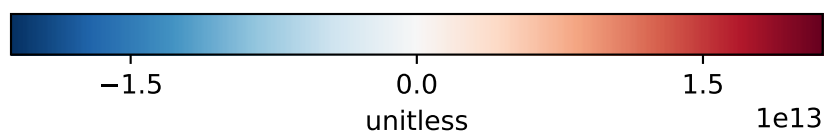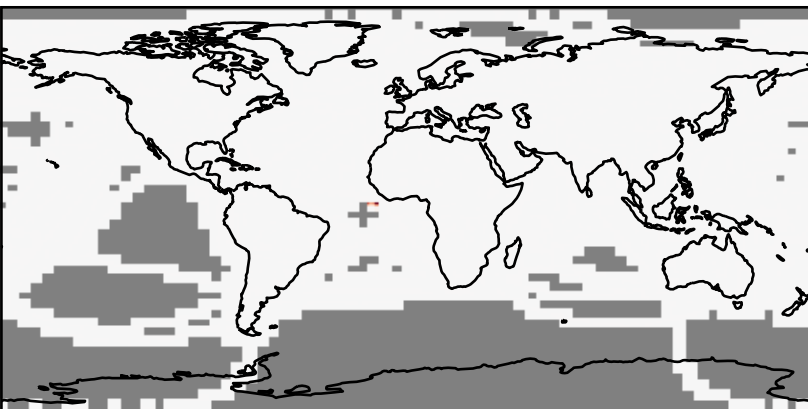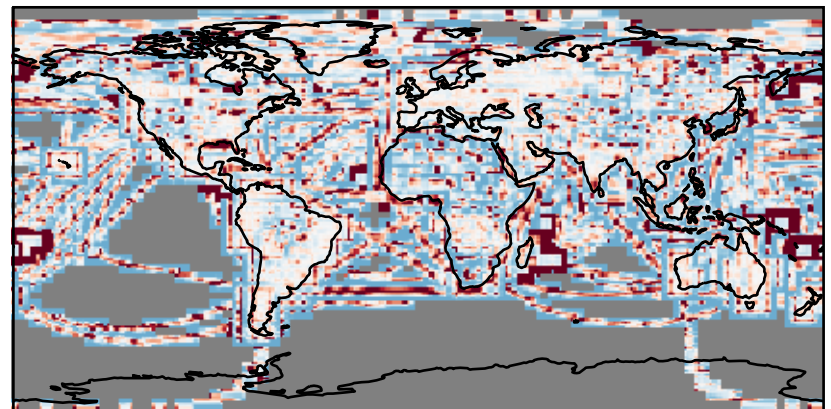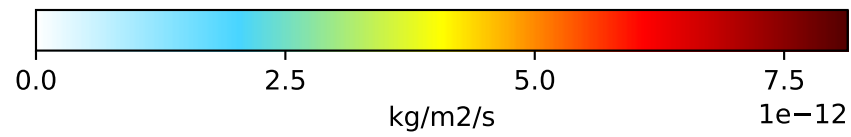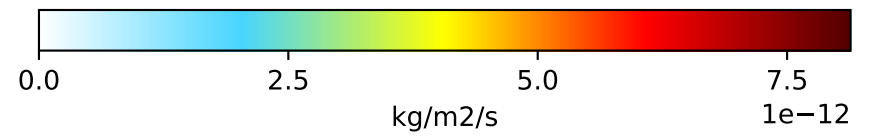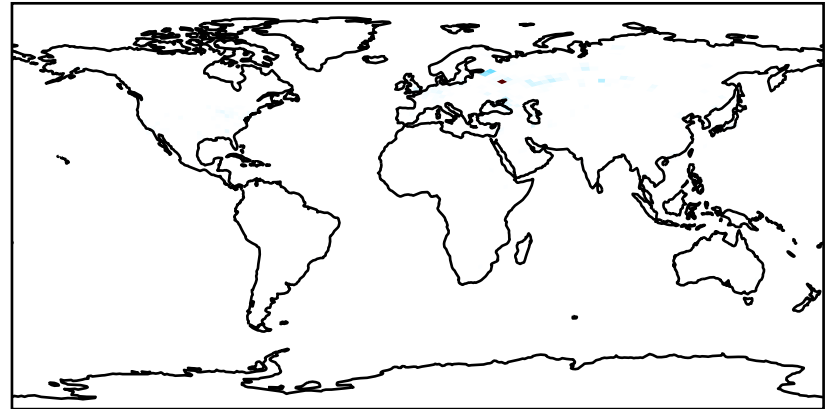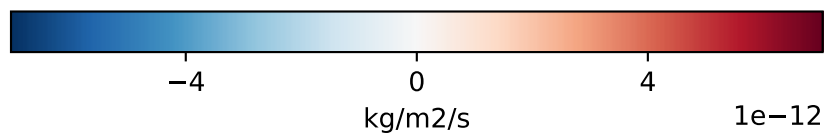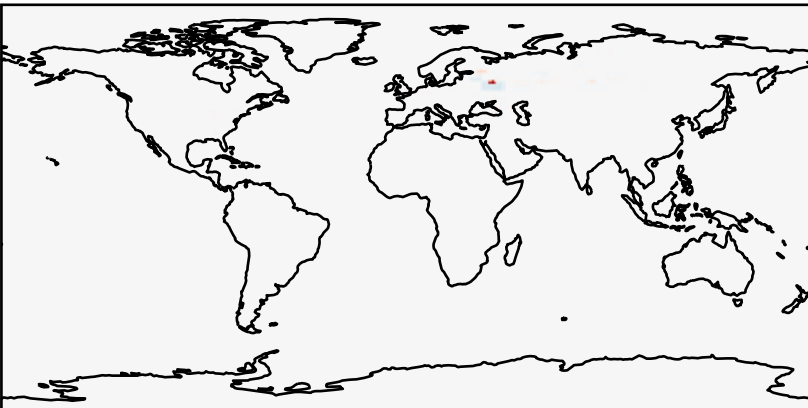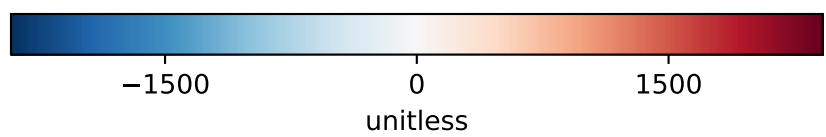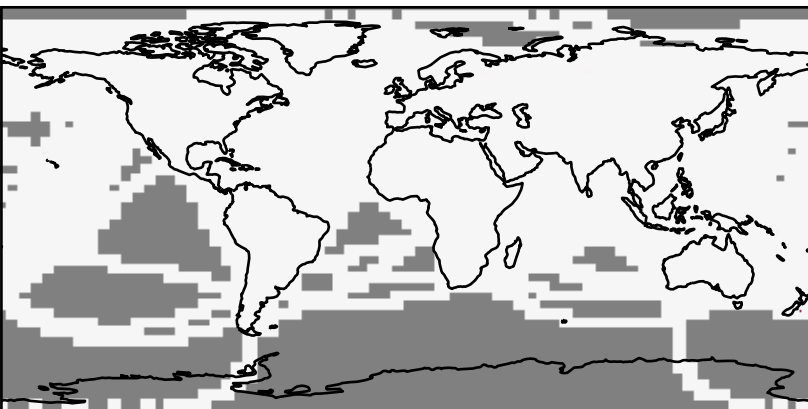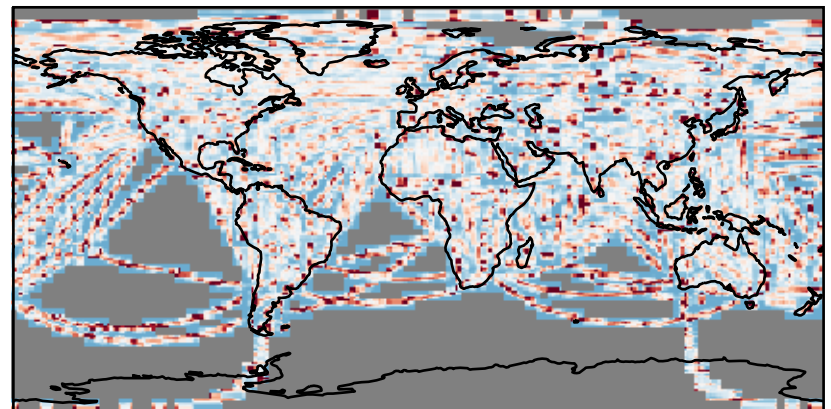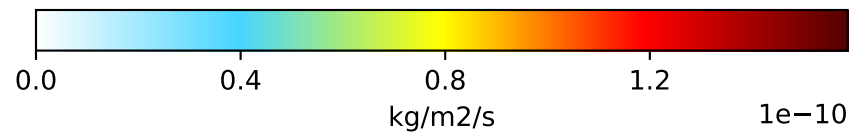**Fractional Difference (1x1.25)**
(Dev-Ref)/Ref, Fixed Range

unitless

unitless

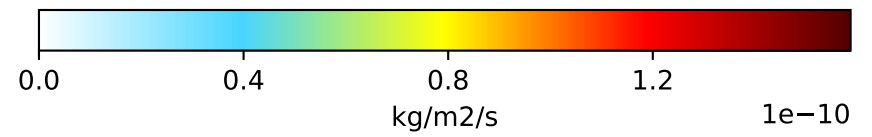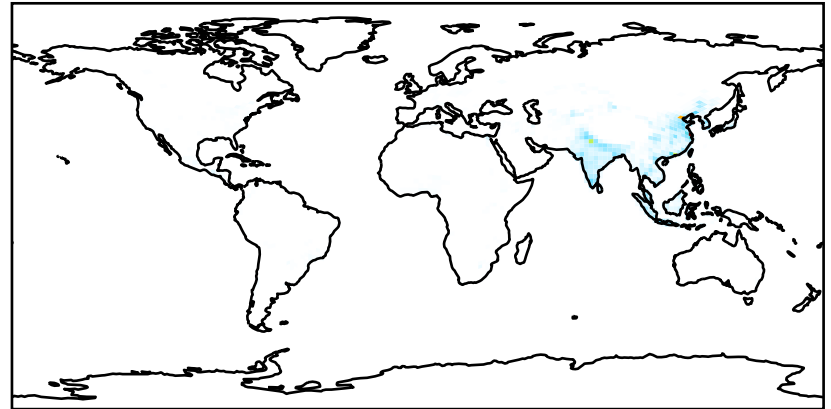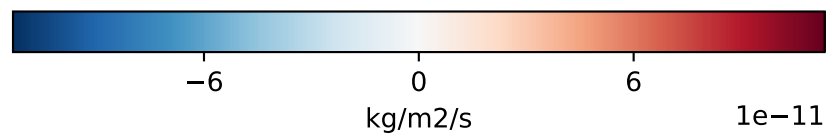# EmisPRPE_Aircraft

EmisPRPE_Anthro

EmisPRPE_BioBurn

EmisPRPE_Biogenic

EmisPRPE_Ship

EmisPRPE_Total

EmisTOLU_Anthro

EmisTOLU_BioBurn

EmisTOLU_Ship

EmisTOLU_Total

EmisXYLE_Anthro

EmisXYLE_BioBurn

EmisXYLE_Ship

GC_12.6.0 (Ref)
4x5

kg/m2/s

GCHP_12.6.0 (Dev)
c48

kg/m2/s

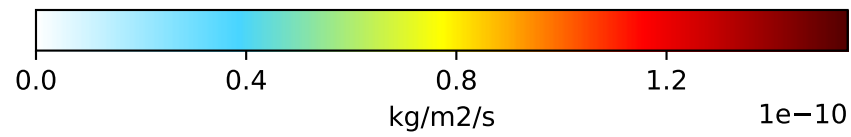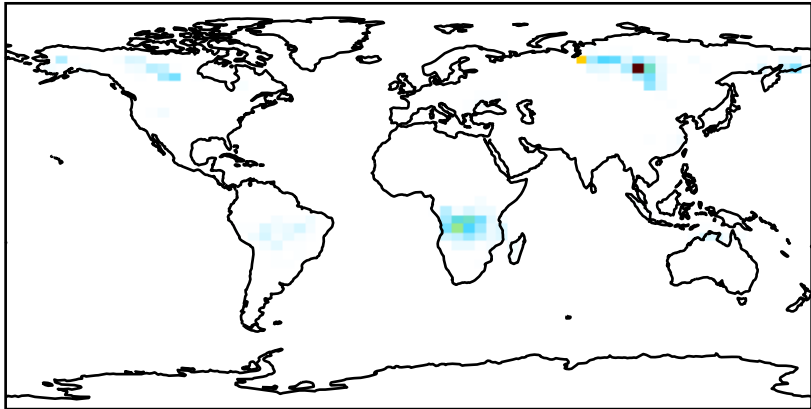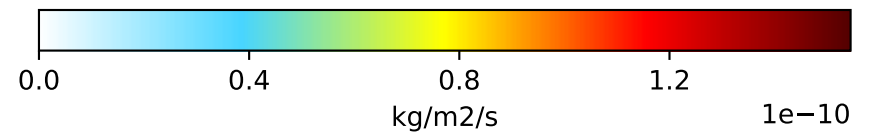### Difference (1x1.25)
Dev - Ref, Dynamic Range

kg/m2/s

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

kg/m2/s

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

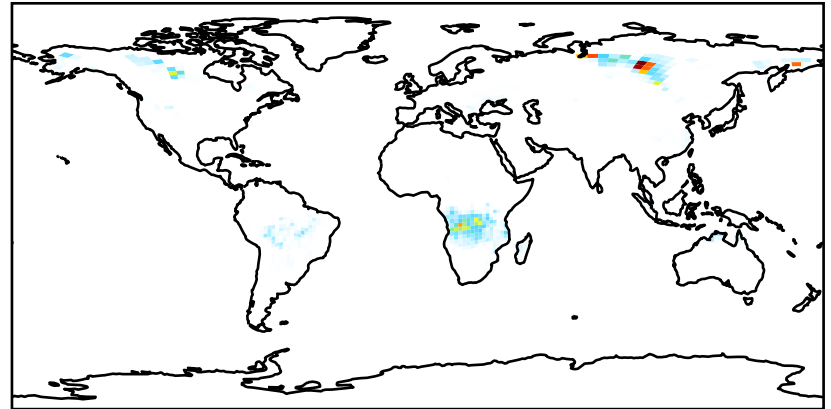
unitless

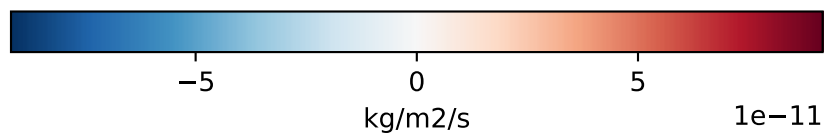### Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

unitless
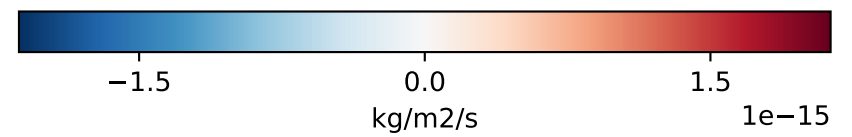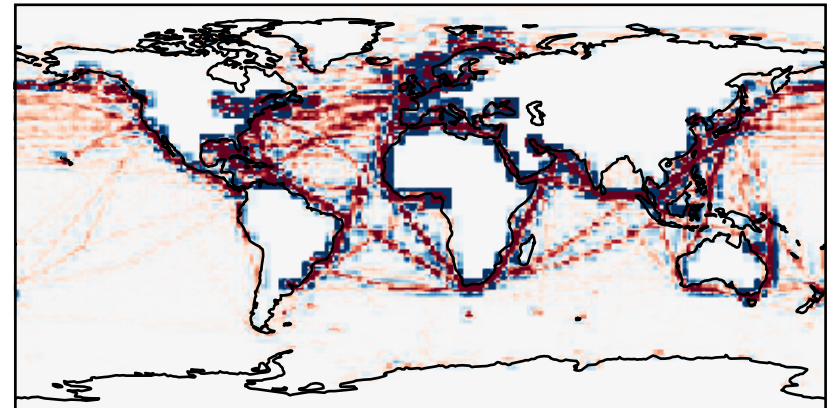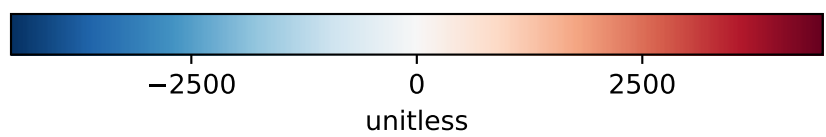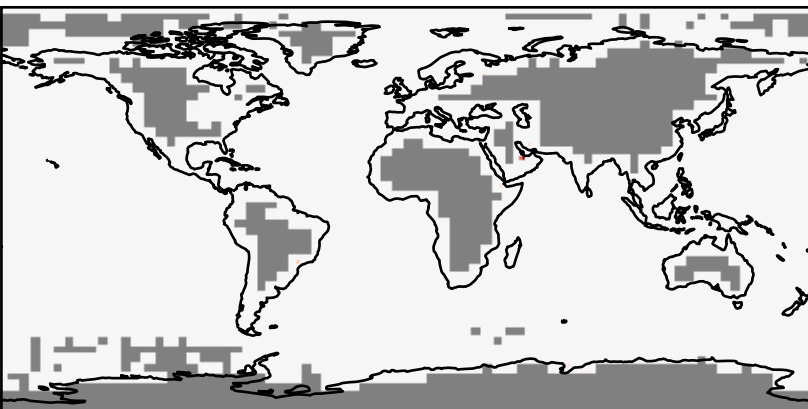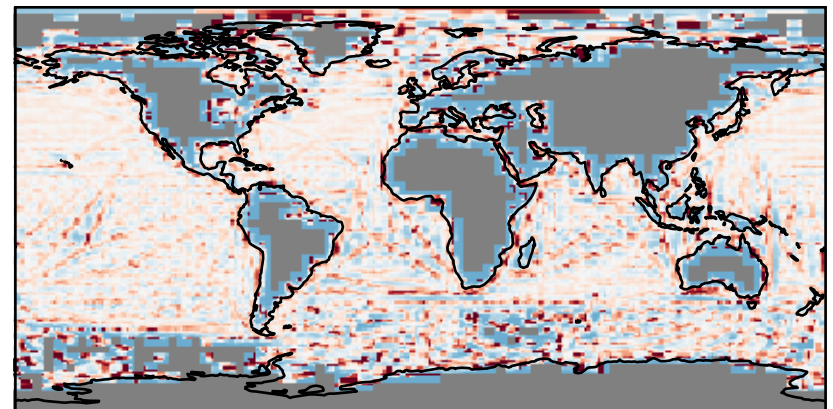
EmisXYLE_Total

GC_12.6.0 (Ref)
4x5

GCHP_12.6.0 (Dev)
c48

kg/m2/s

kg/m2/s
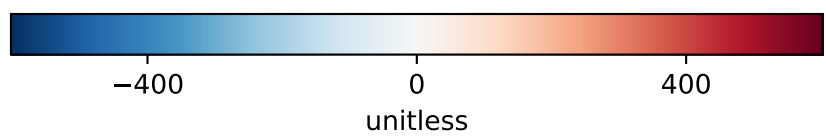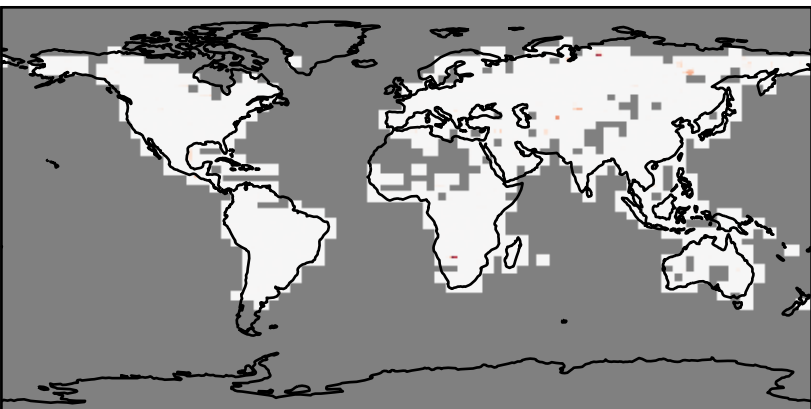
Difference (1x1.25)
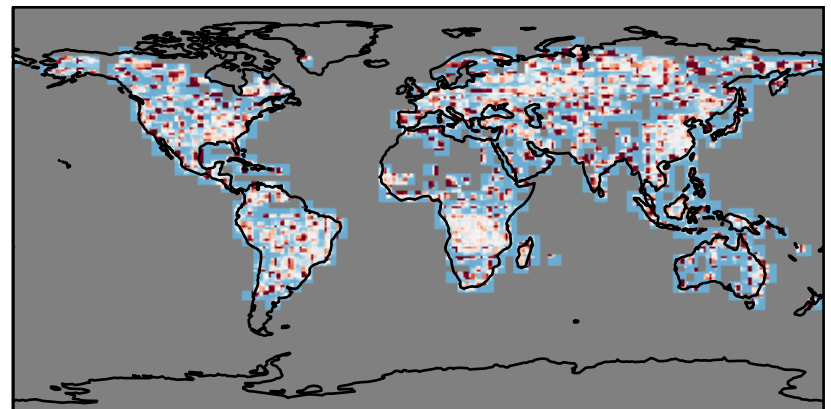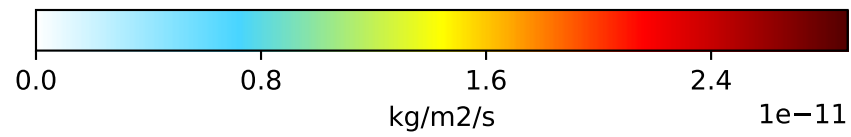Dev - Ref, Dynamic Range

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

kg/m2/s
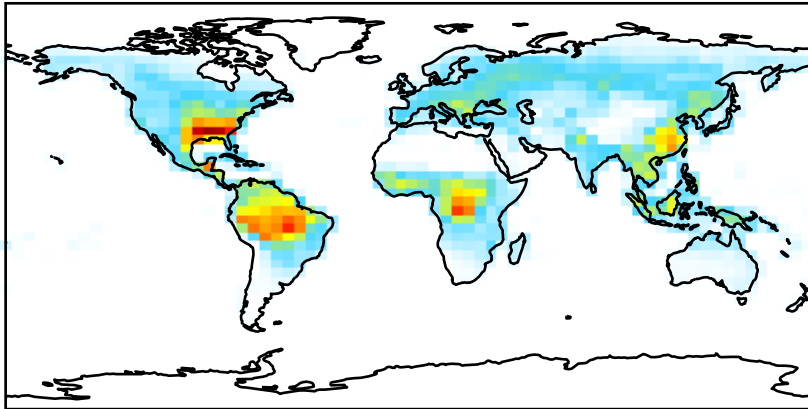
kg/m2/s

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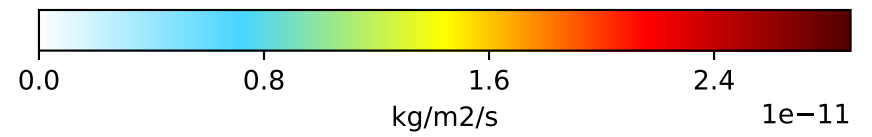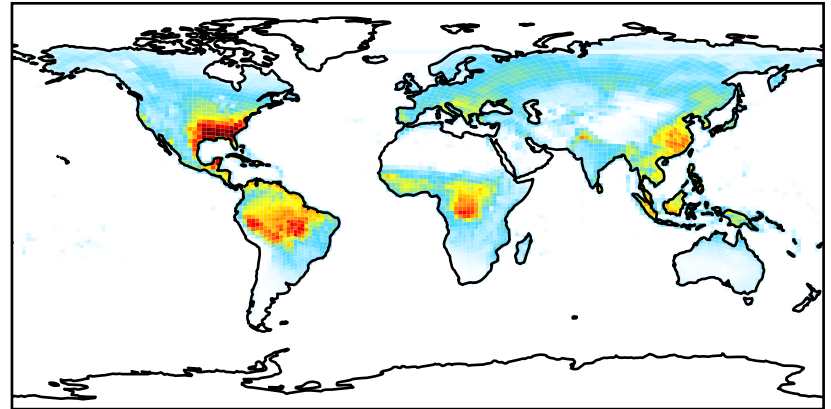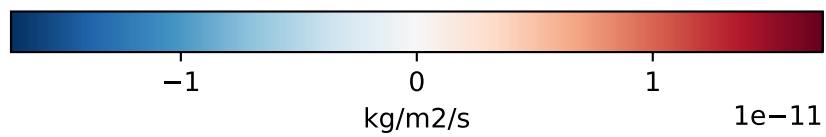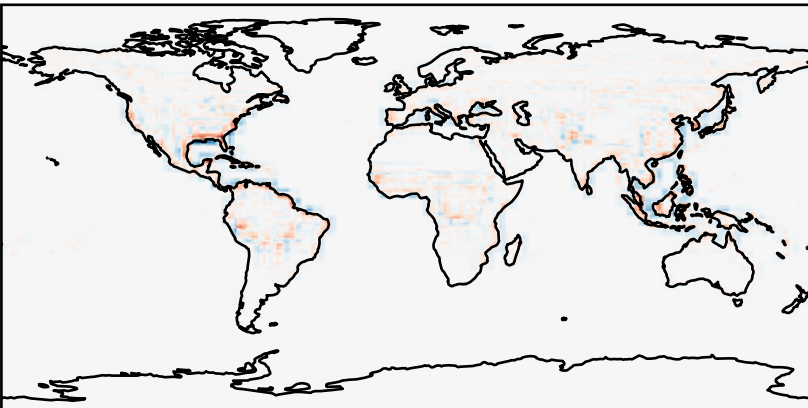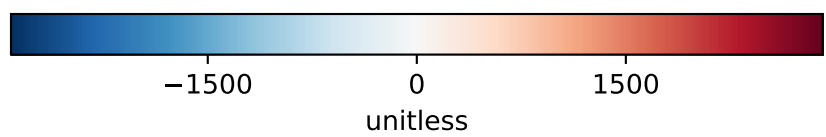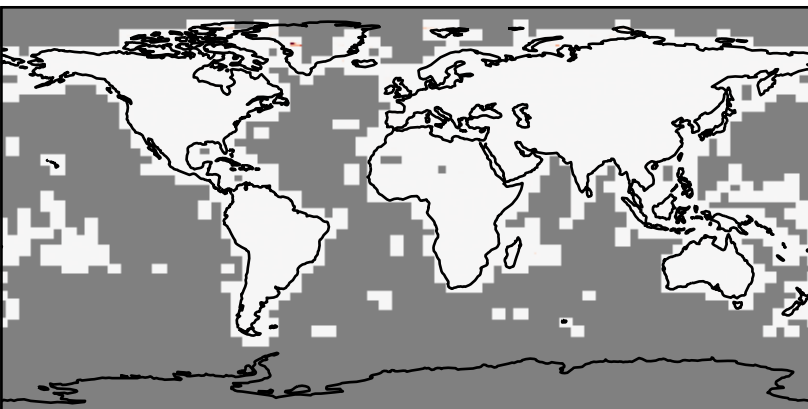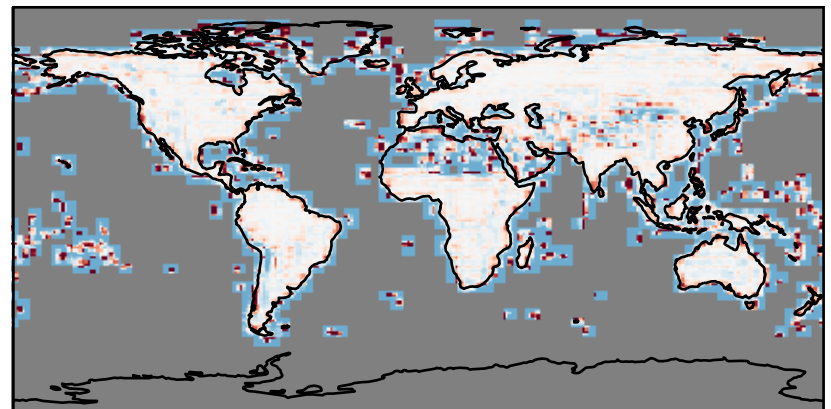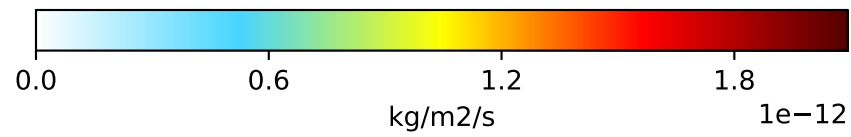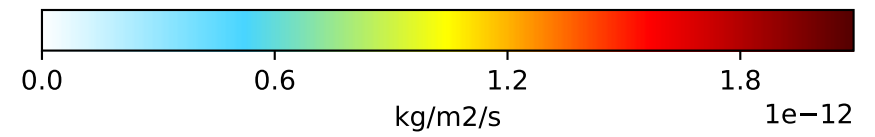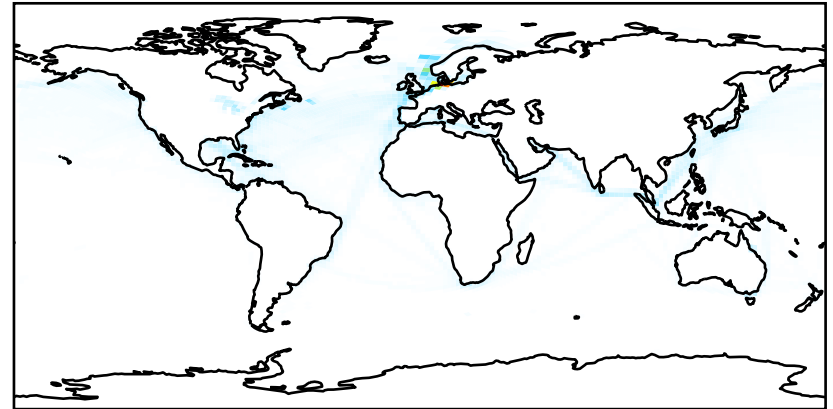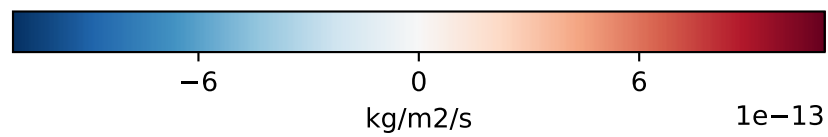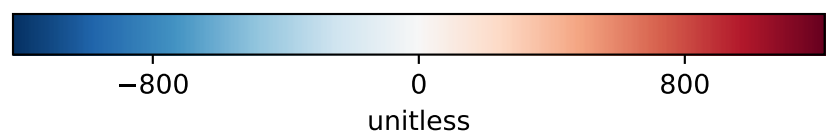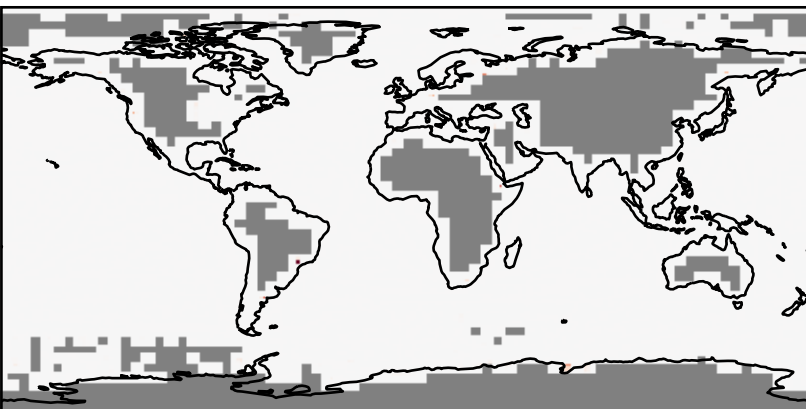
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

unitless

unitless

EmisISOP_Anthro

EmisISOP_Biogenic

EmisISOP_Total

GC_12.6.0 (Ref)
4x5

GCHP_12.6.0 (Dev)
c48

kg/m2/s

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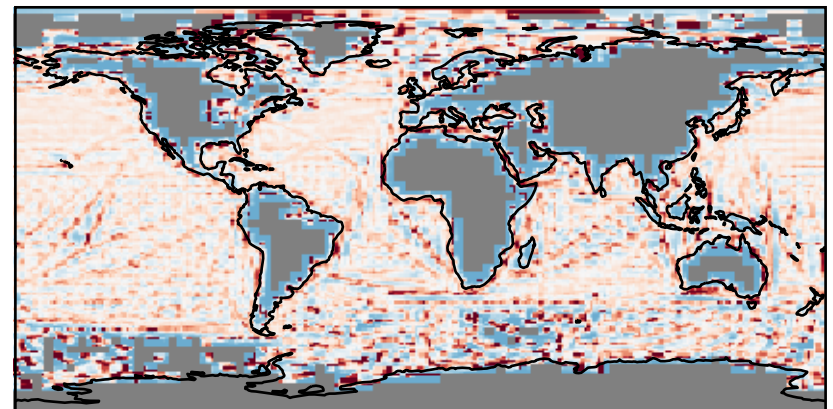Dev - Ref, Dynamic Range

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

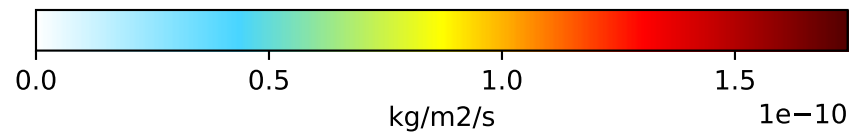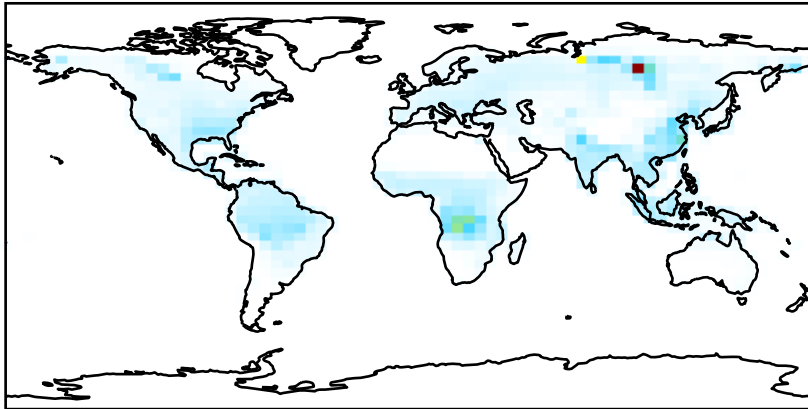kg/m2/s

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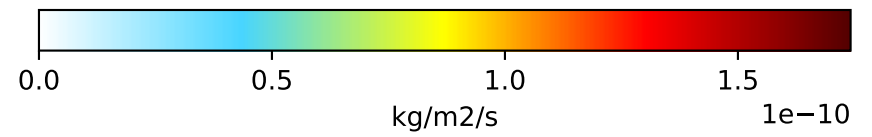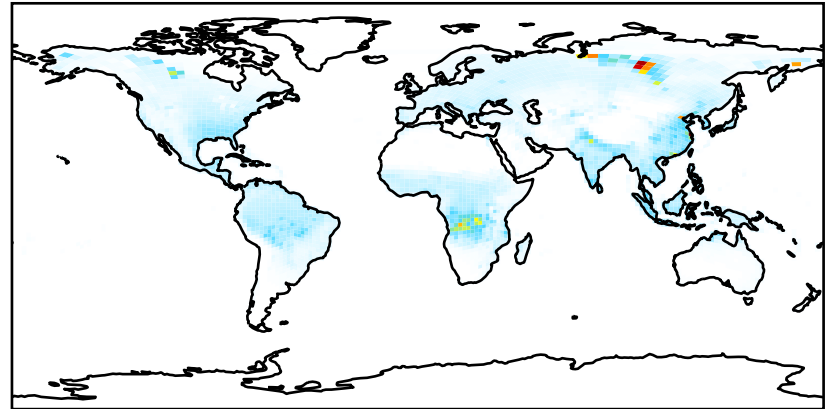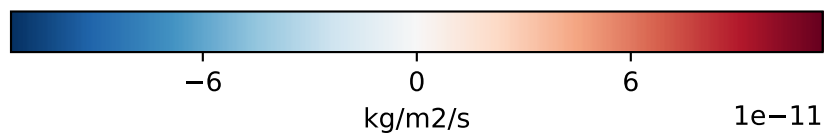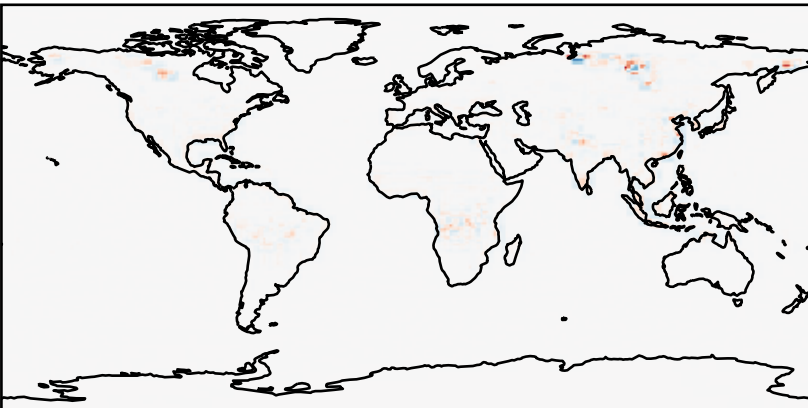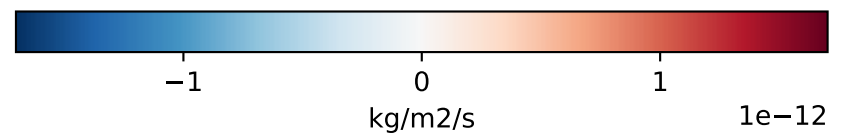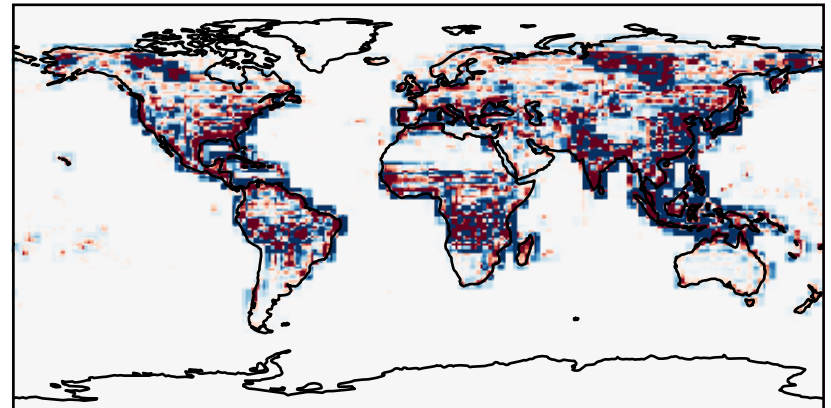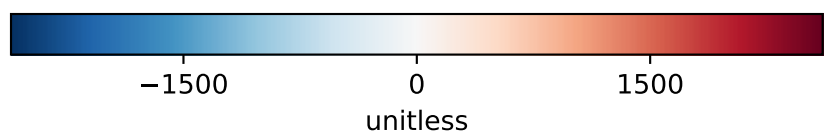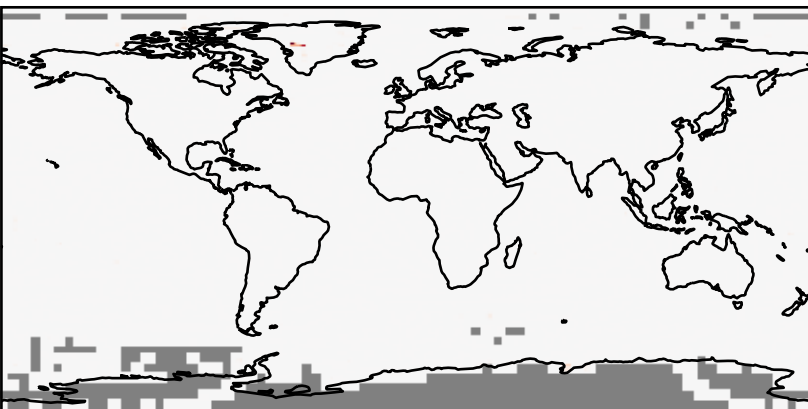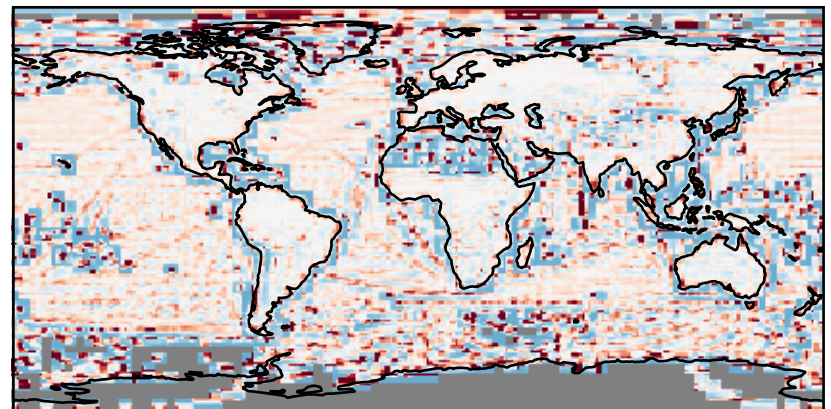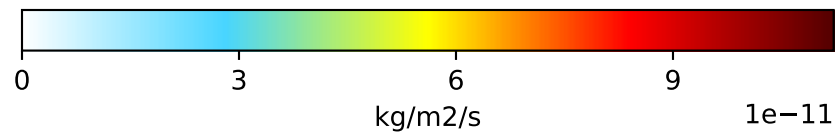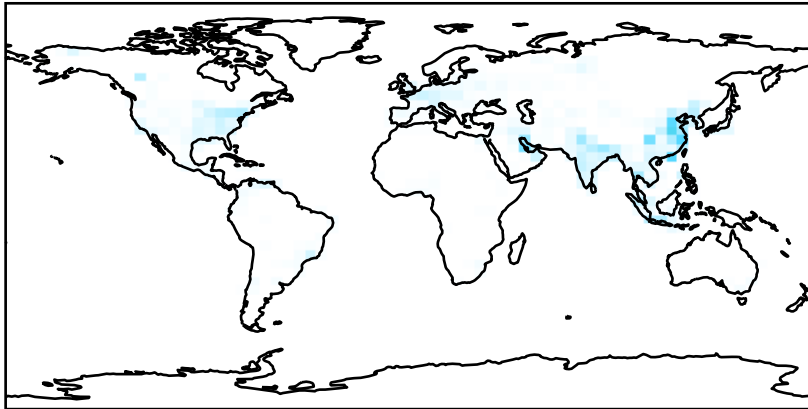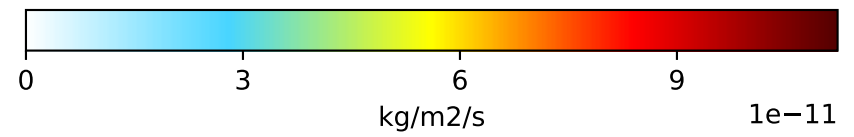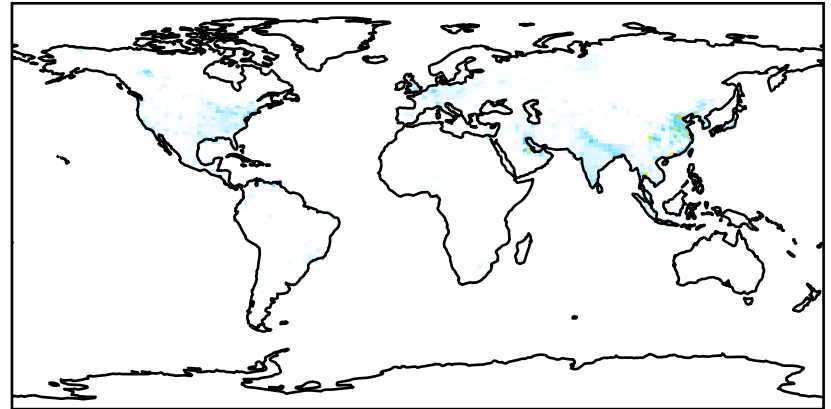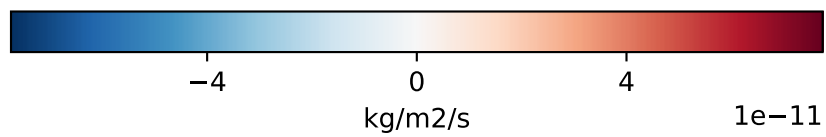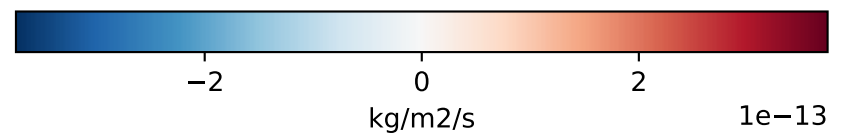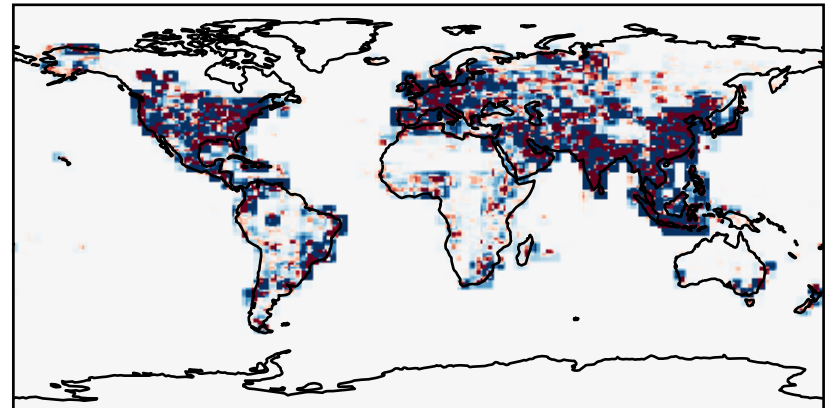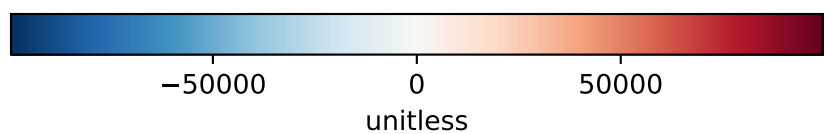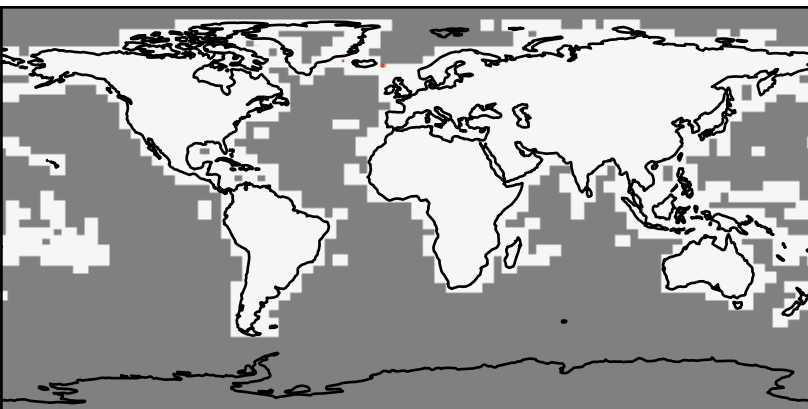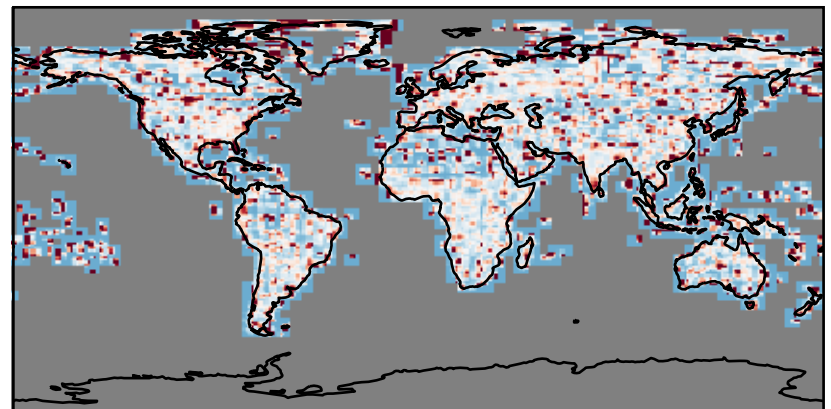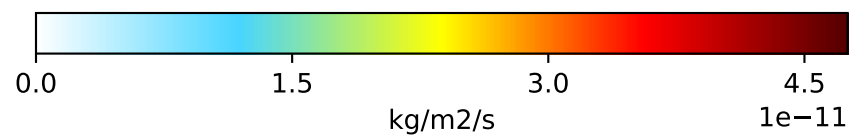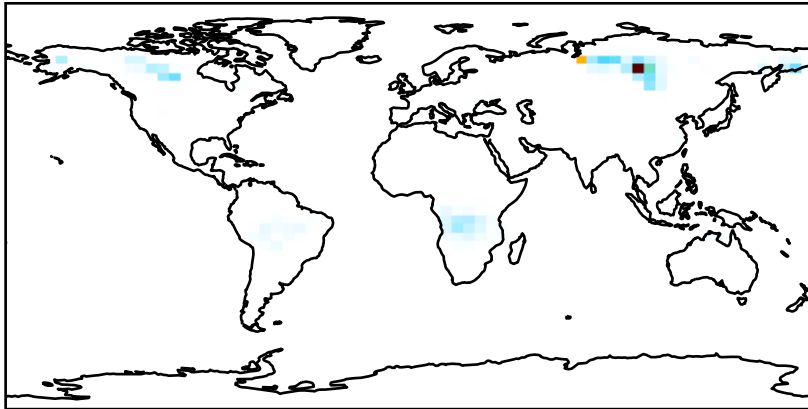
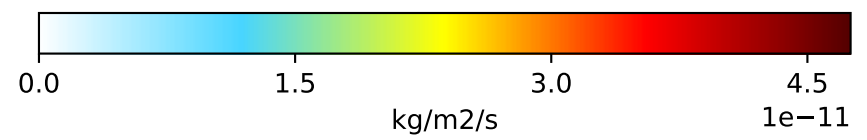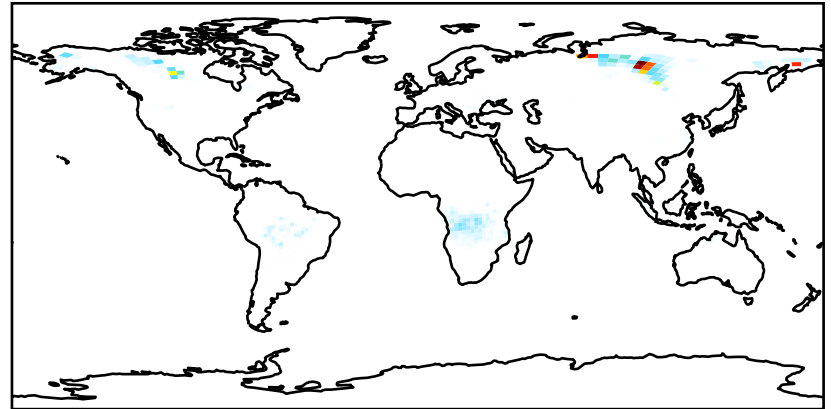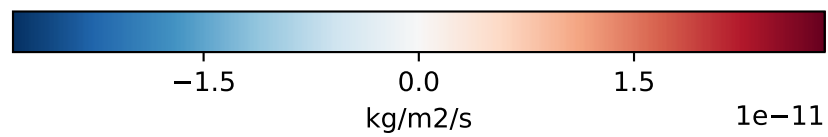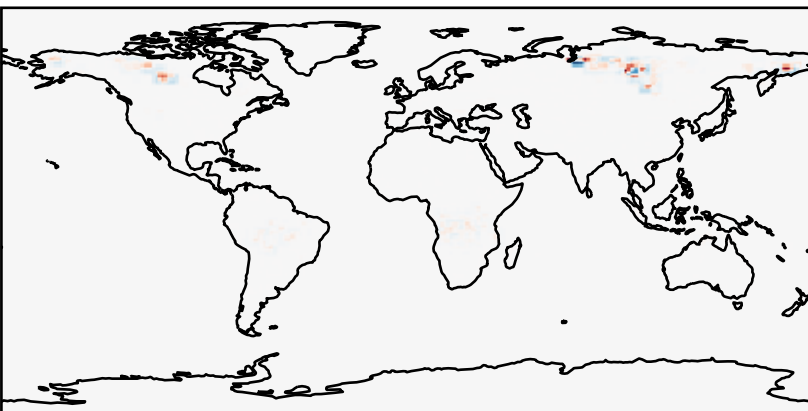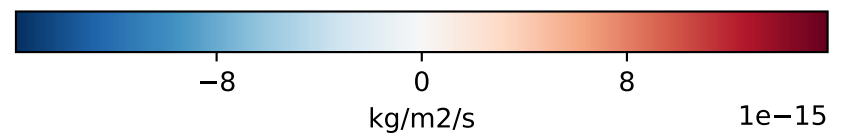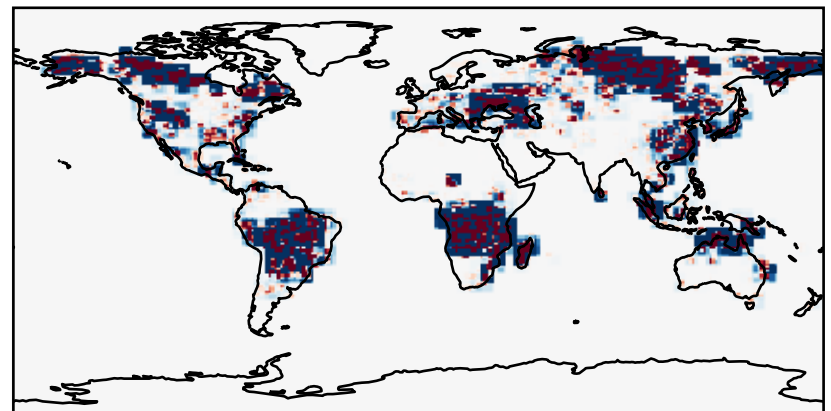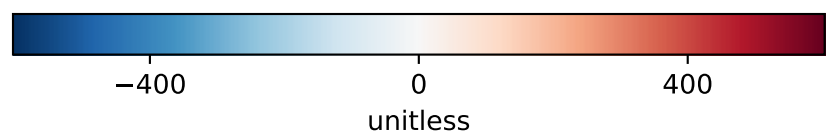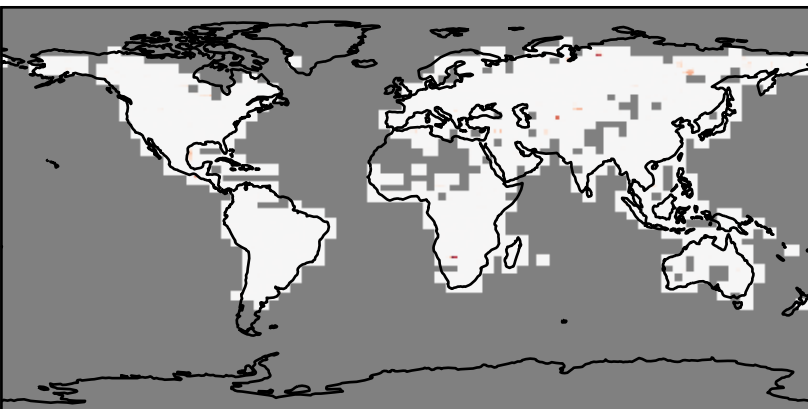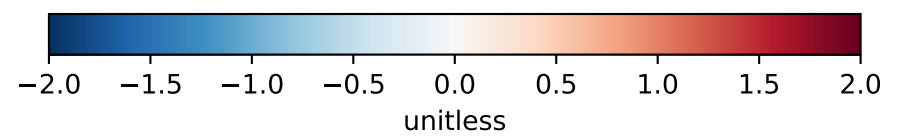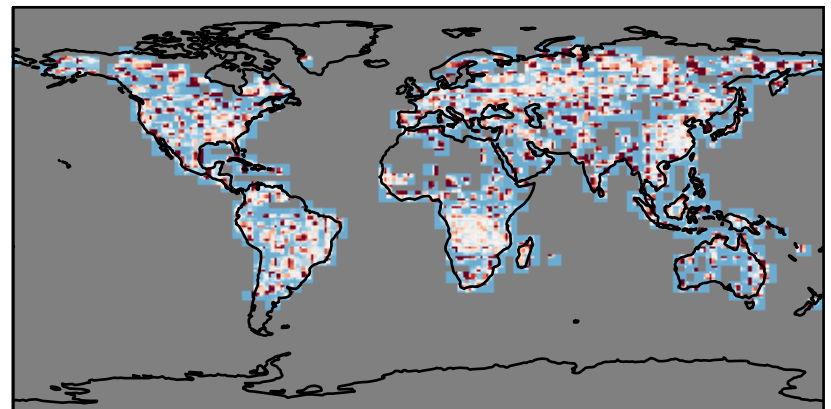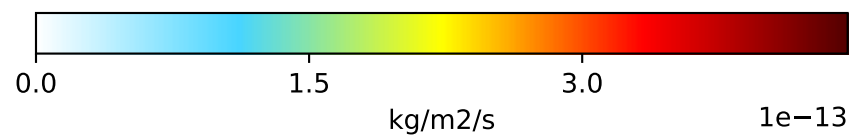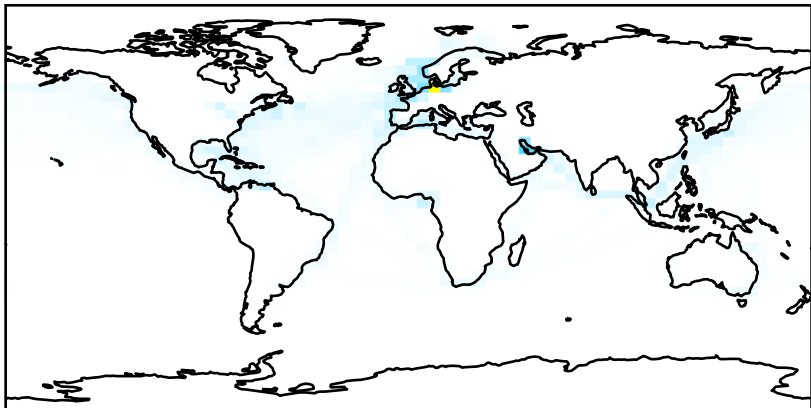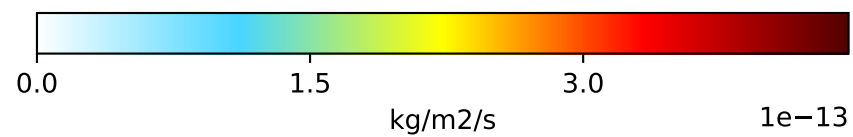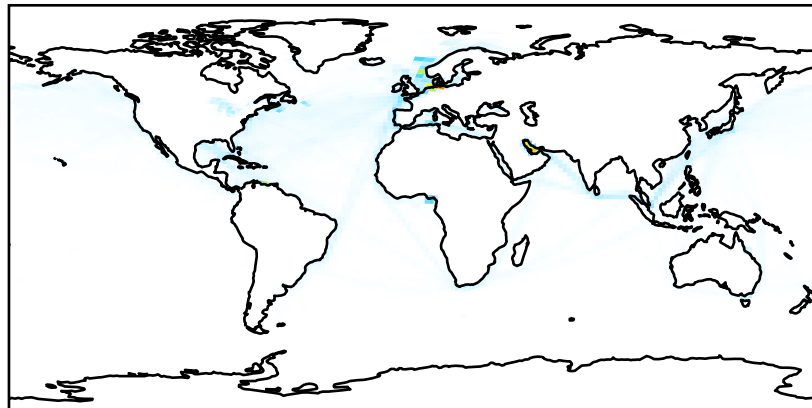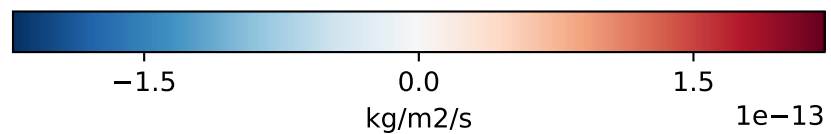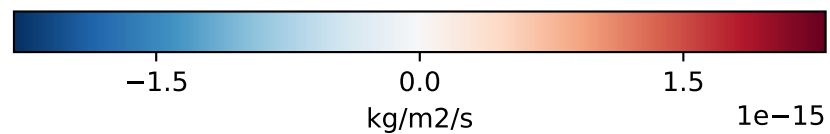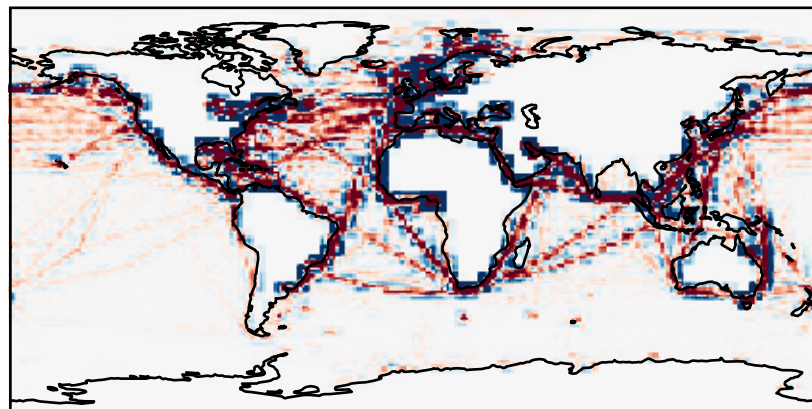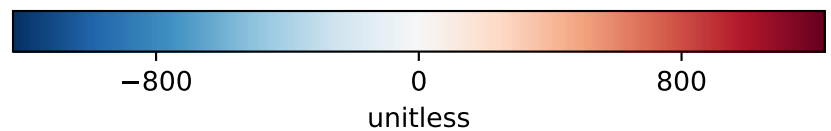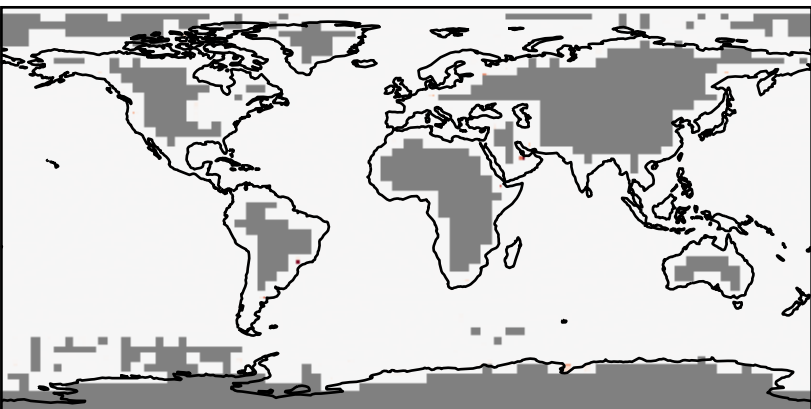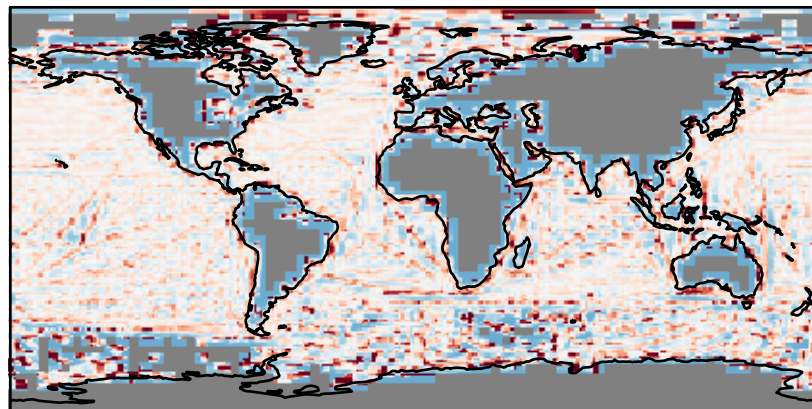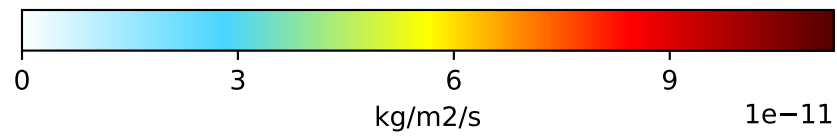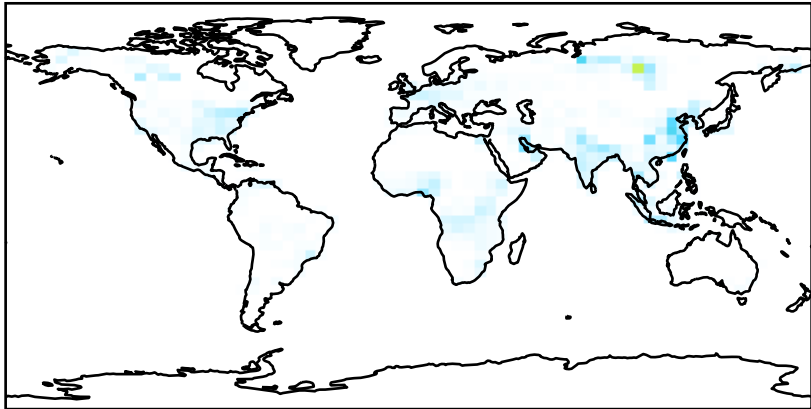Fractional Difference (1x1.25)
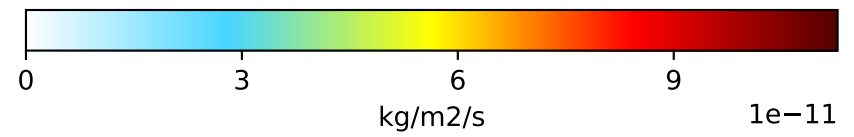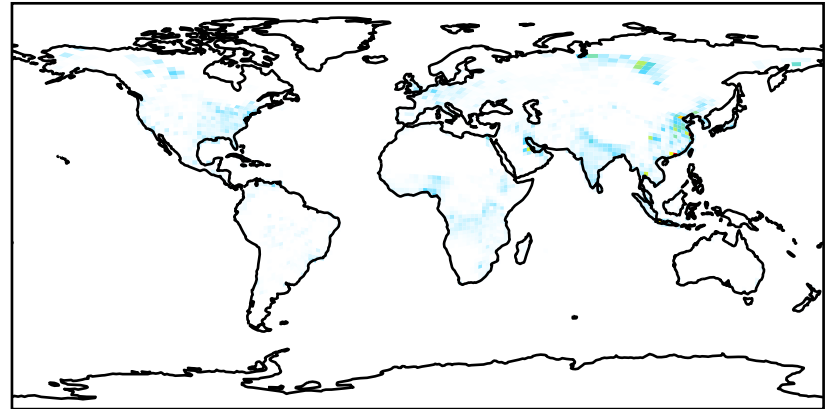(Dev-Ref)/Ref, Fixed Range

unitless

EmisMTPA_BioBurn

EmisMTPA_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)
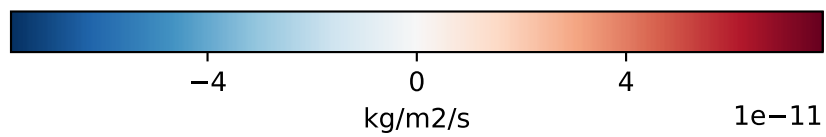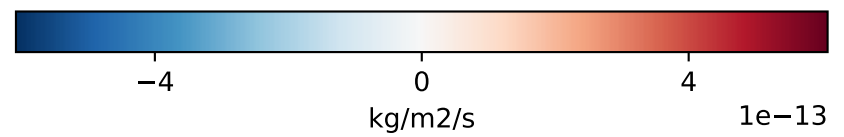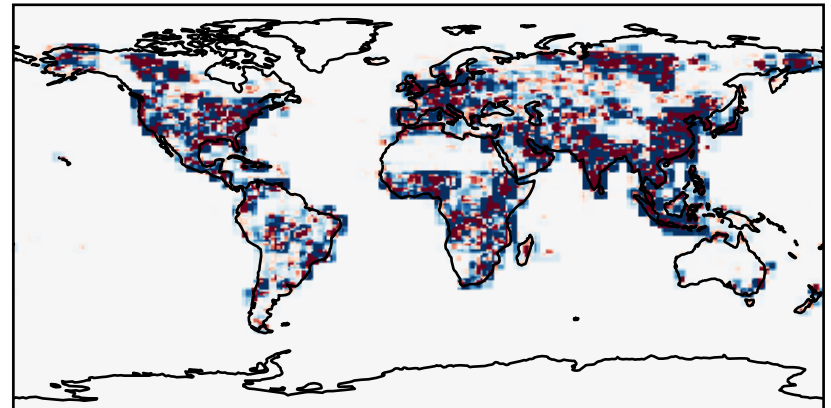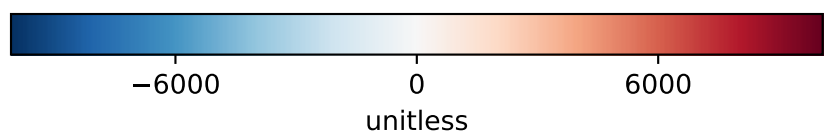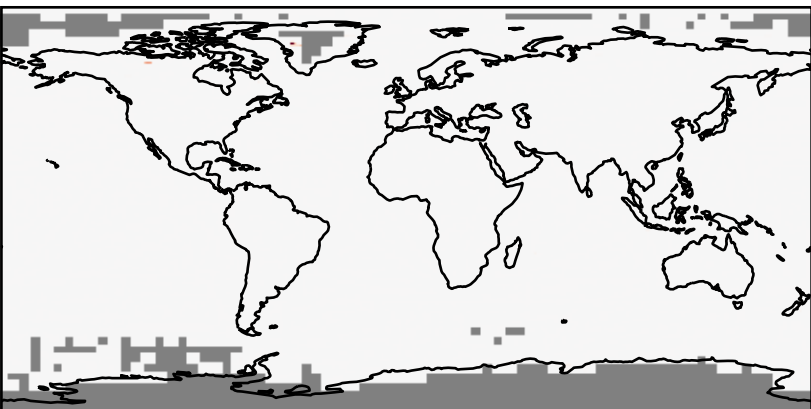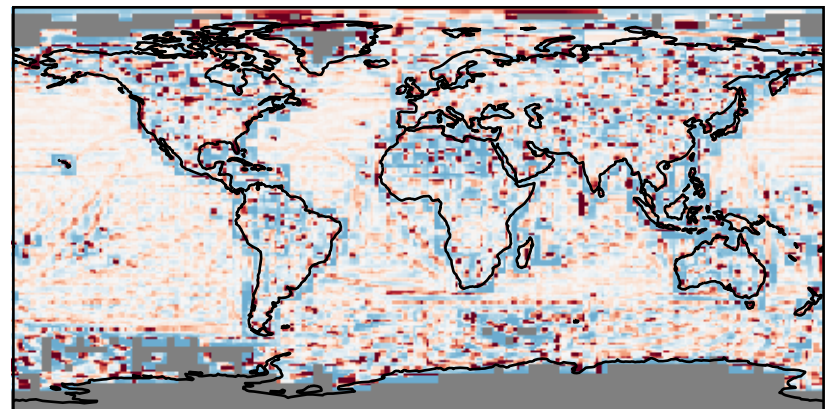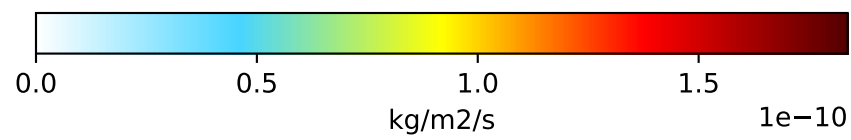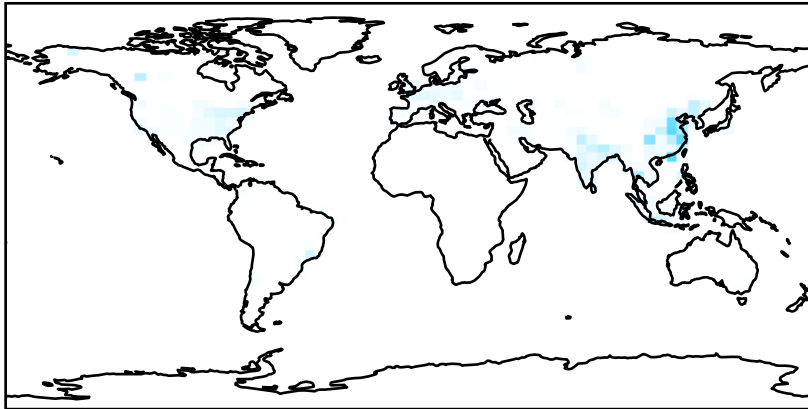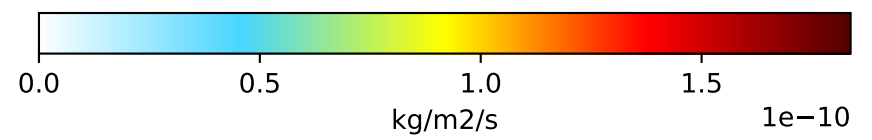### (Dev-Ref)/Ref, Fixed Range

unitless

EmisMTPA_Total
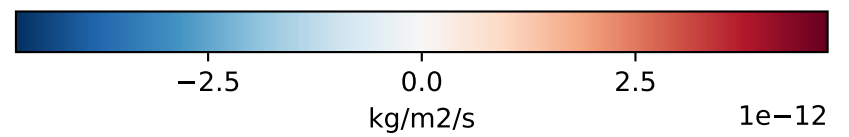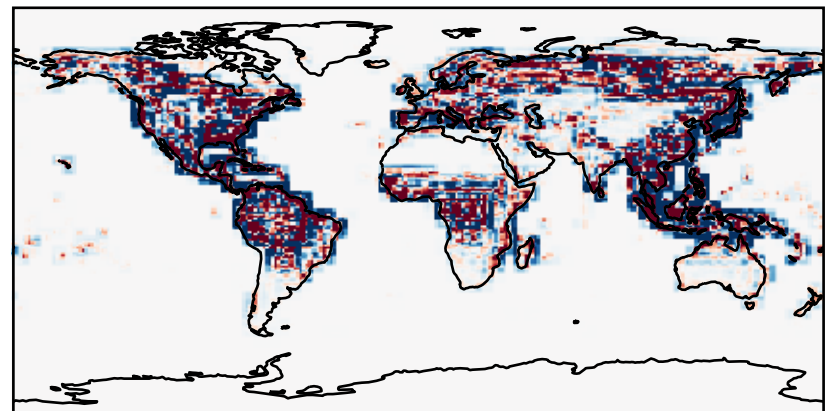
EmisMTPO_Biogenic

EmisLIMO_Biogenic

GC_12.6.0 (Ref)
4x5
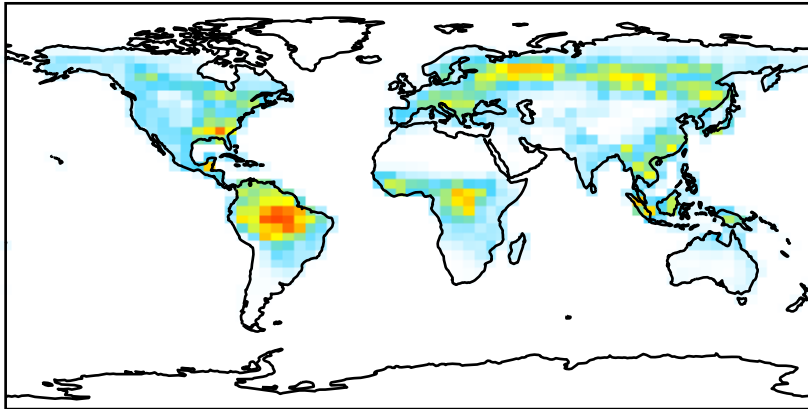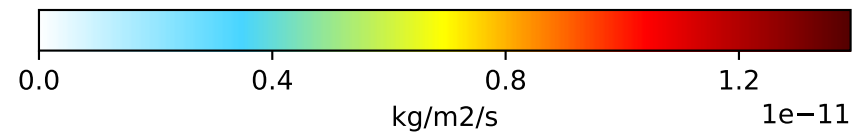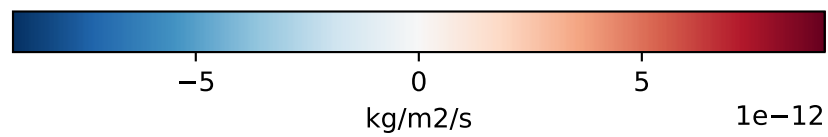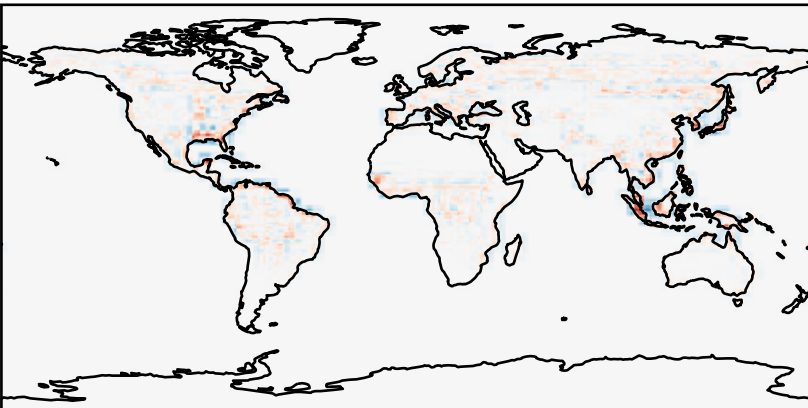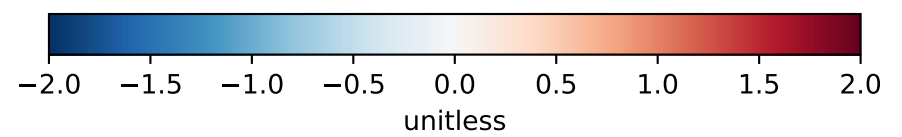
GCHP_12.6.0 (Dev)
c48

kg/m2/s

kg/m2/s

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

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

kg/m2/s

kg/m2/s

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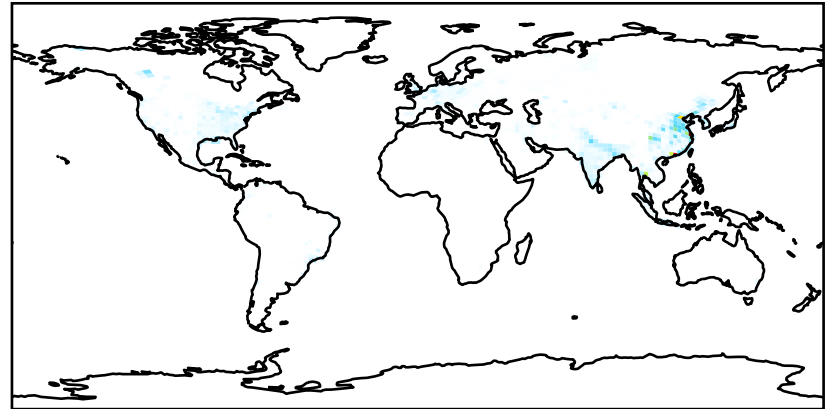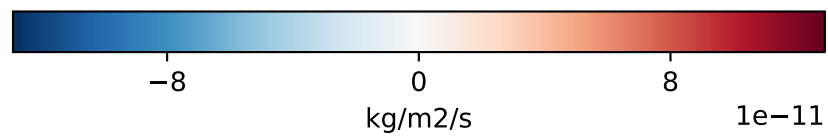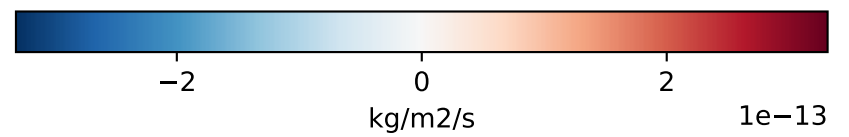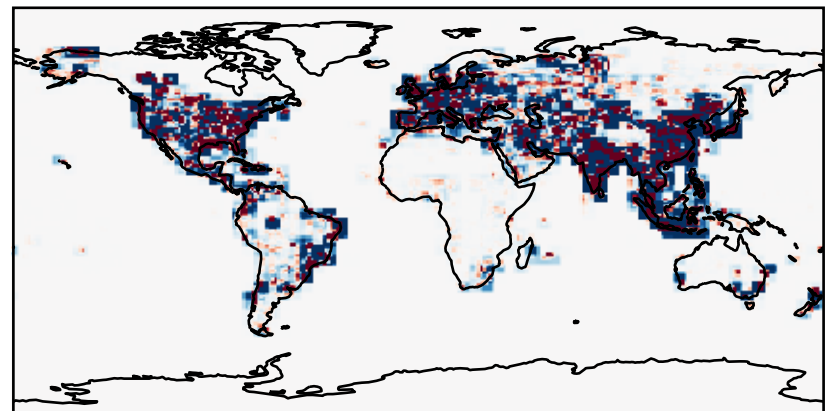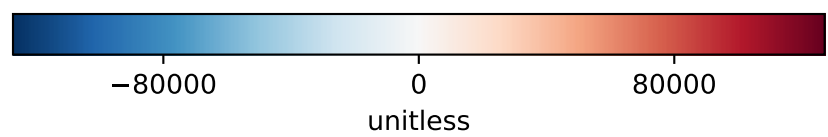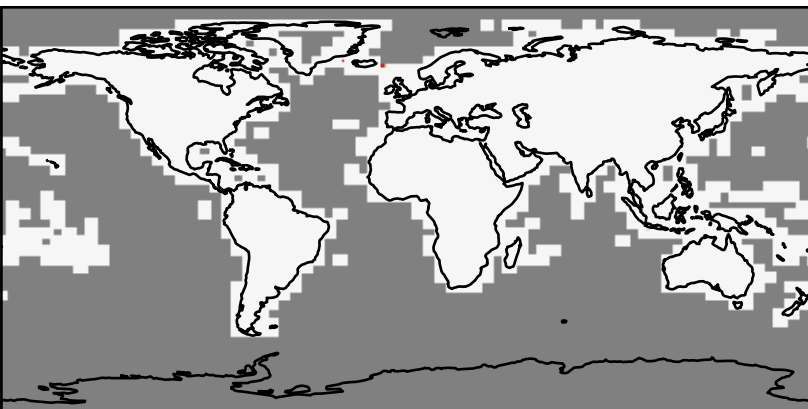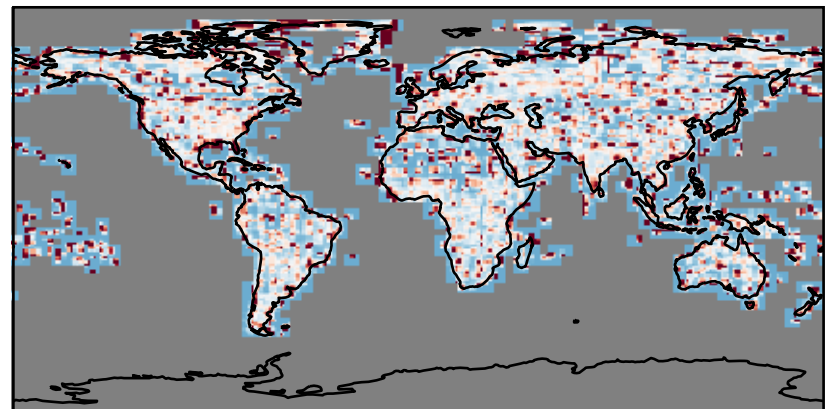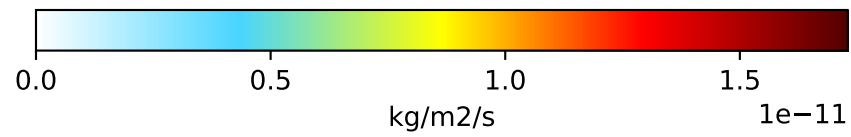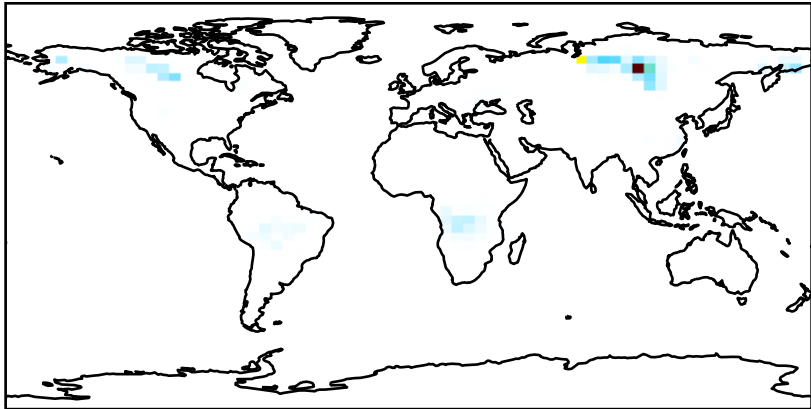
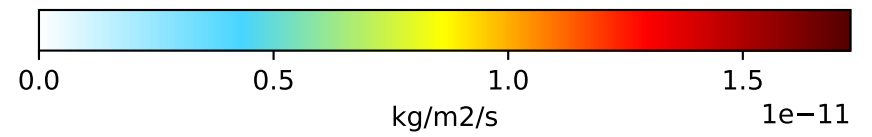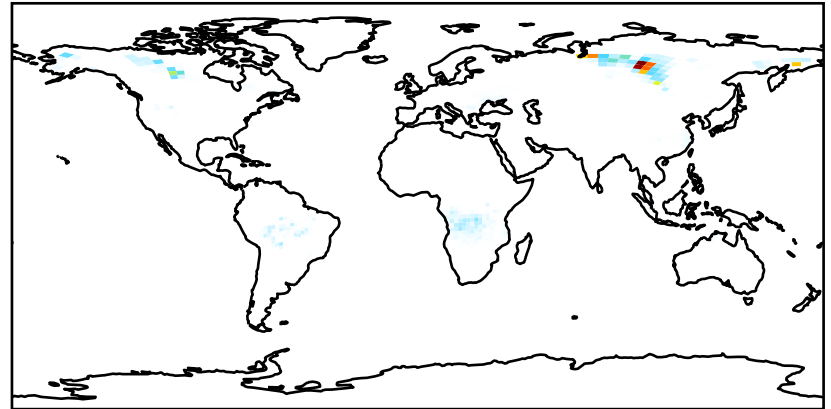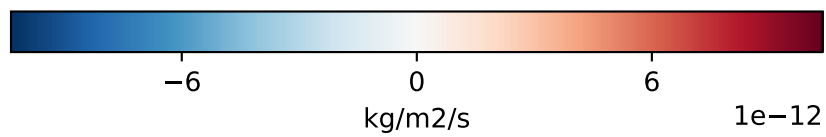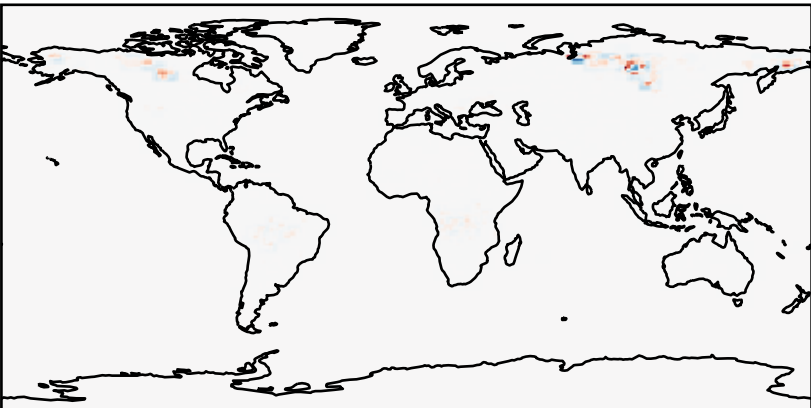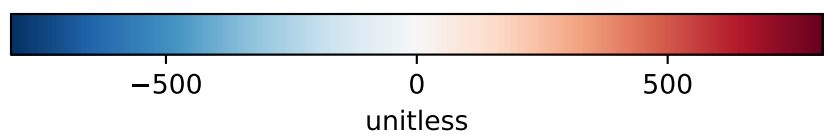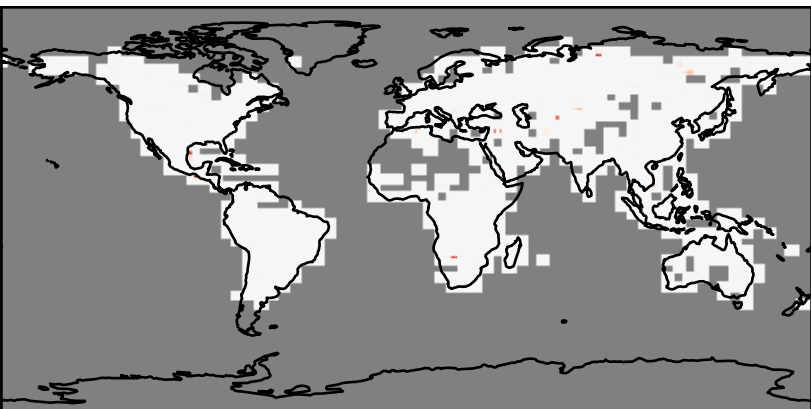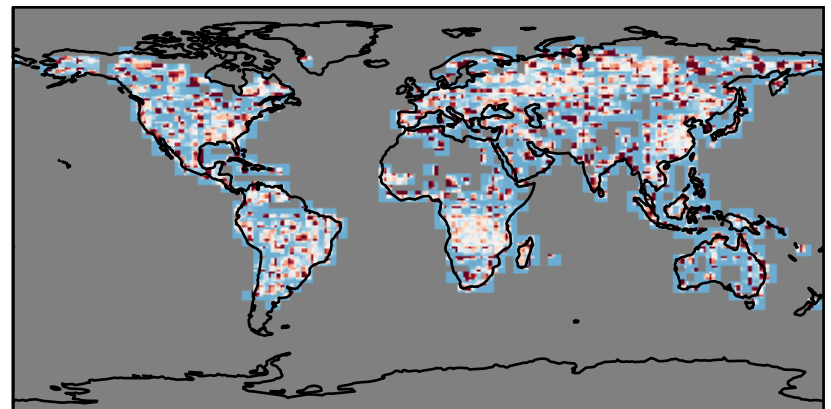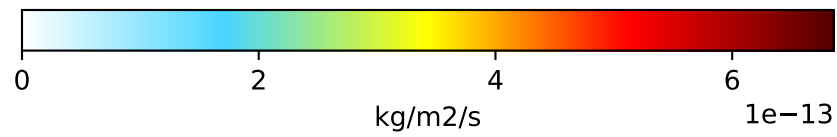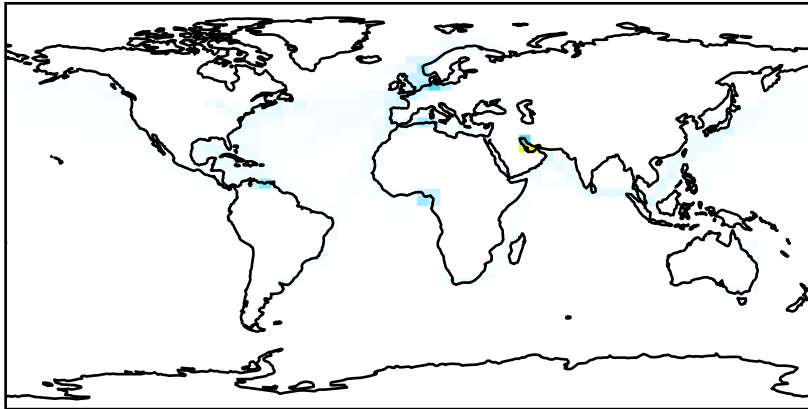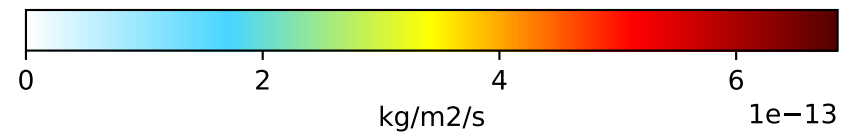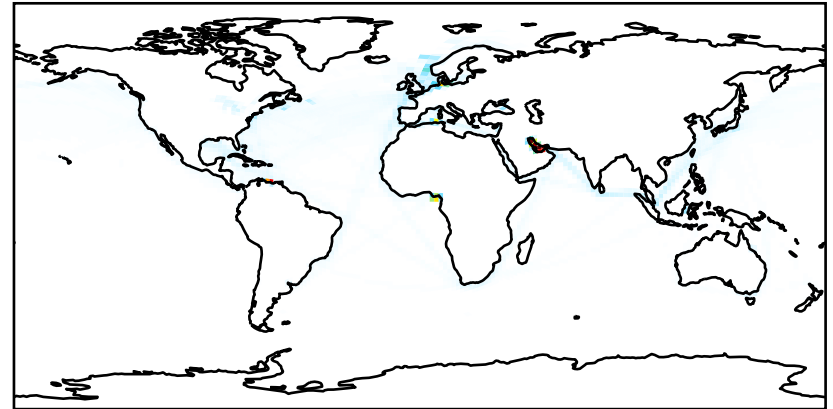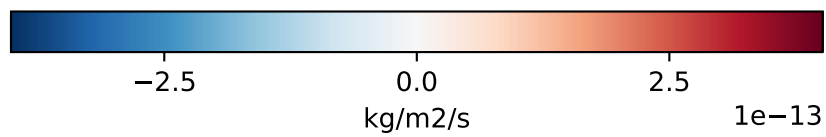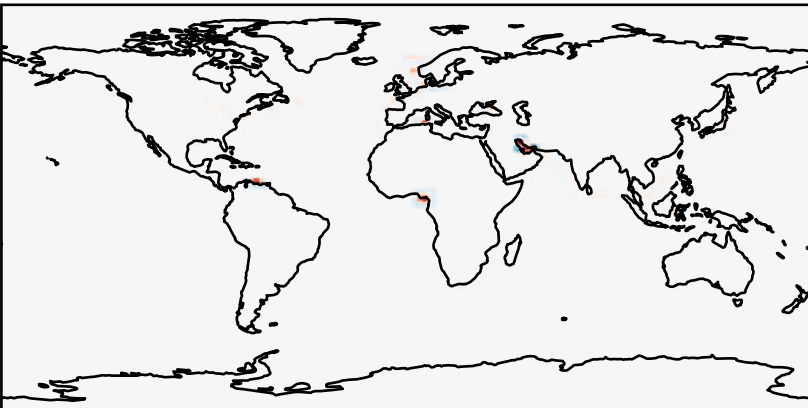Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range
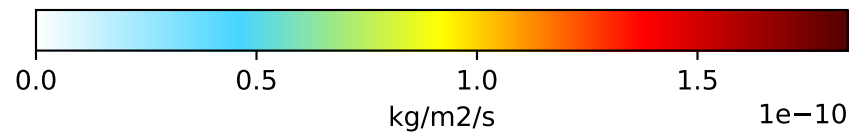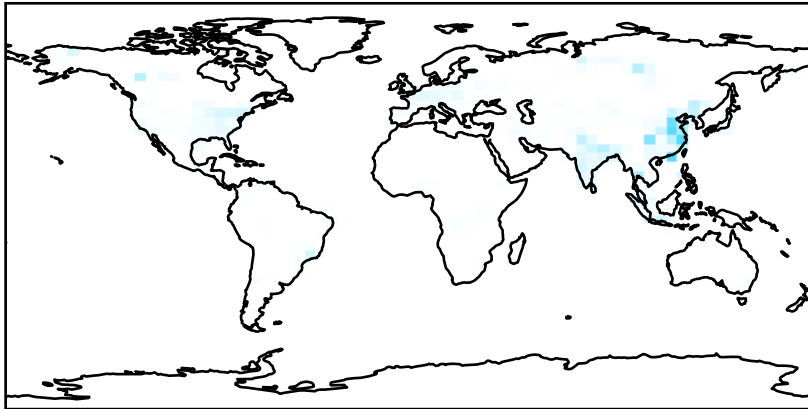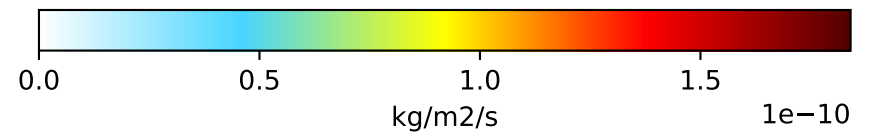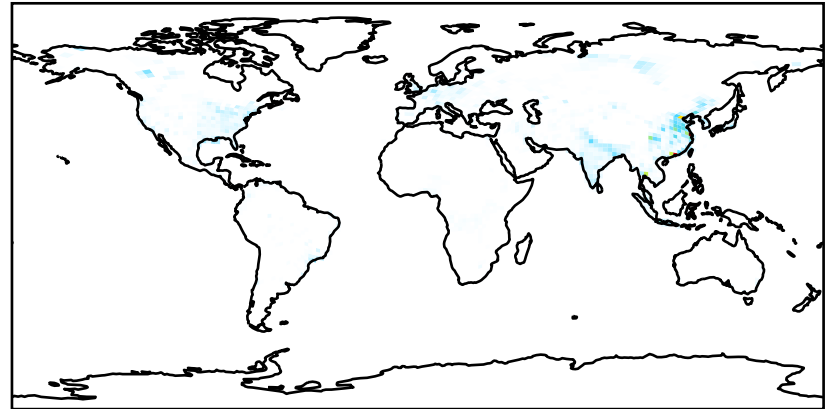
unitless

unitless
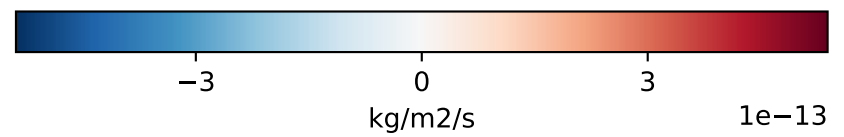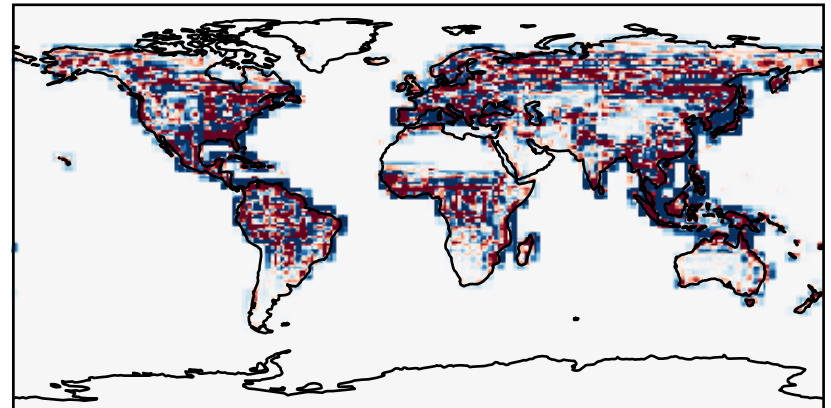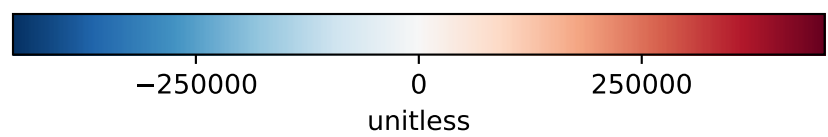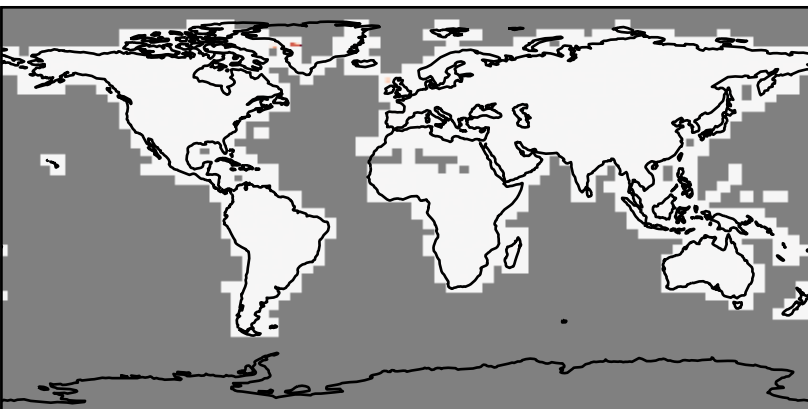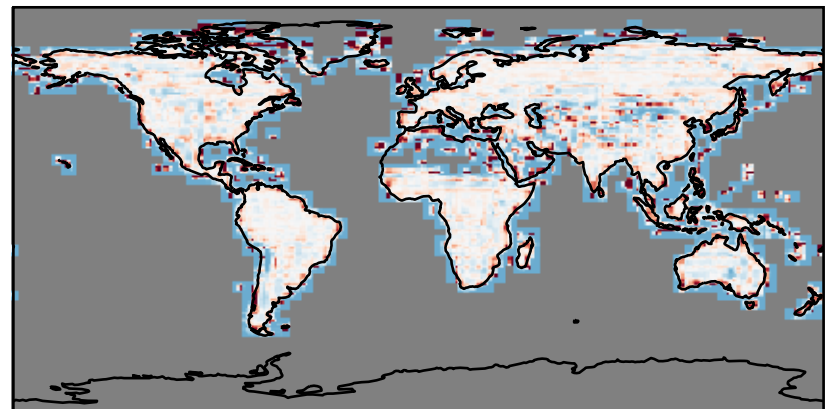
EmisGLYX_Anthro

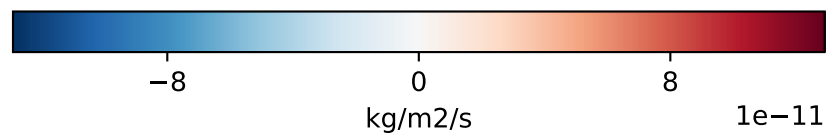GC_12.6.0 (Ref)
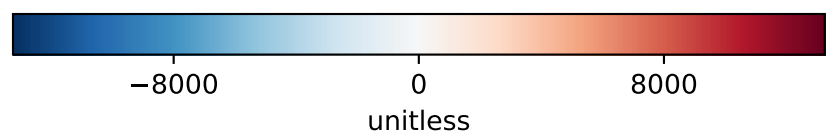4x5

GCHP_12.6.0 (Dev)
c48
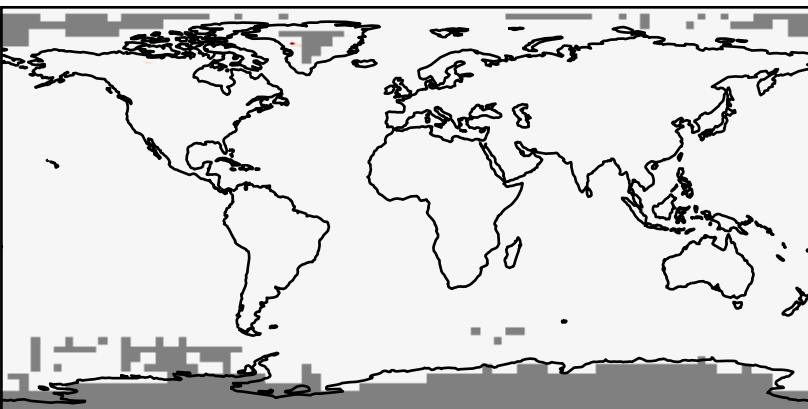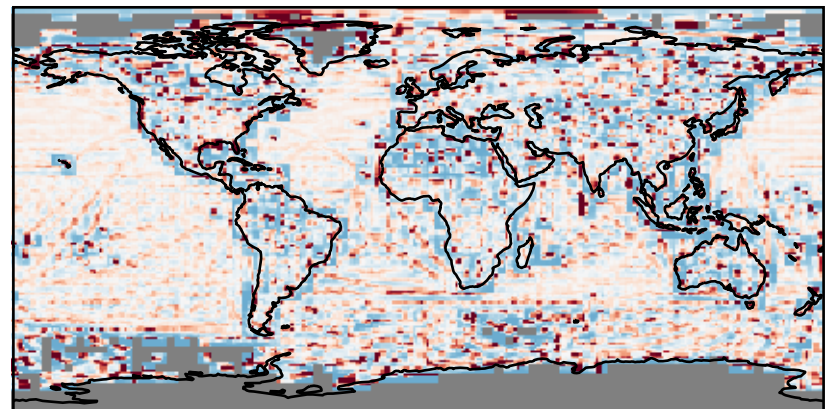
Zero throughout domain
kg/m2/s

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
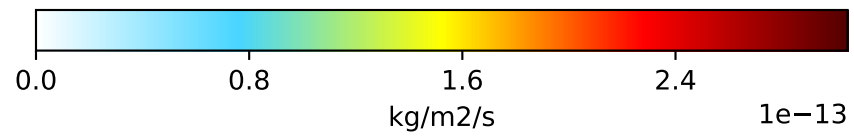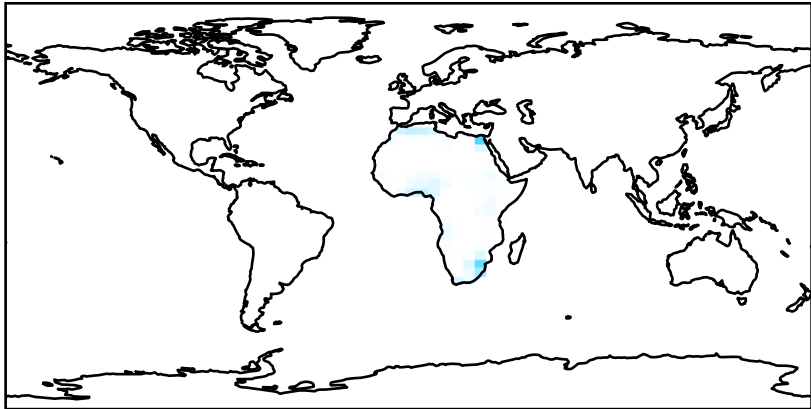kg/m2/s

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

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

Undefined throughout domain
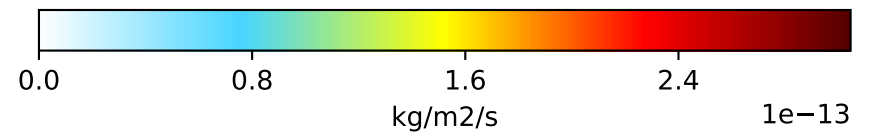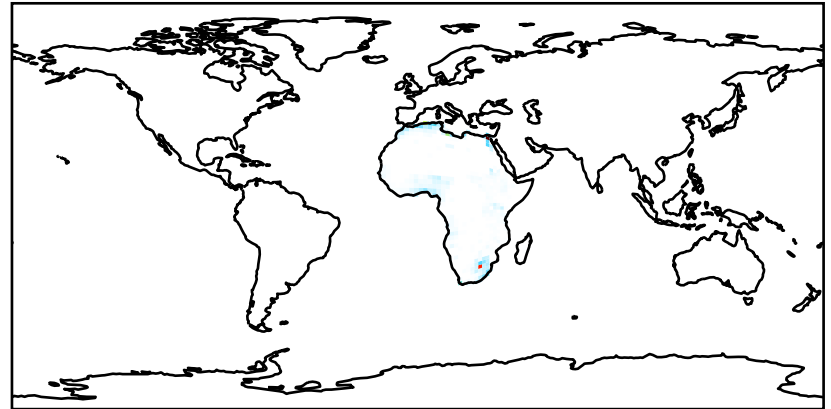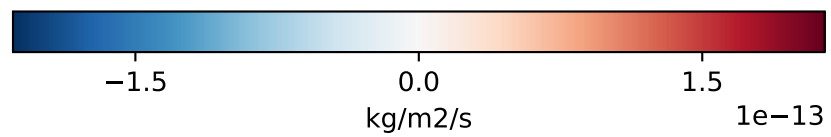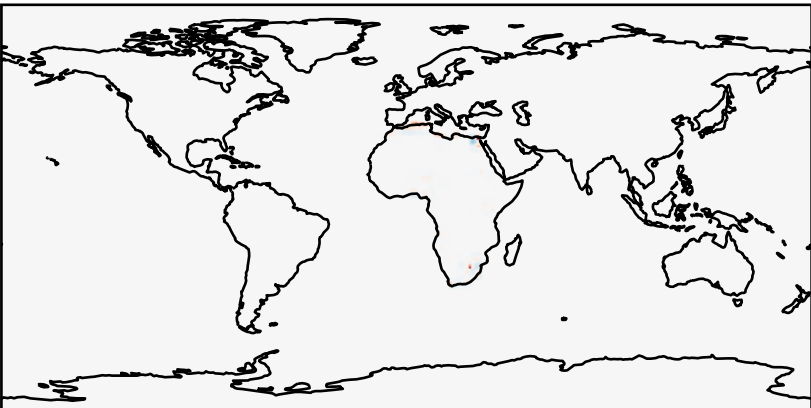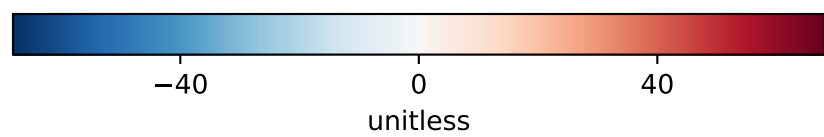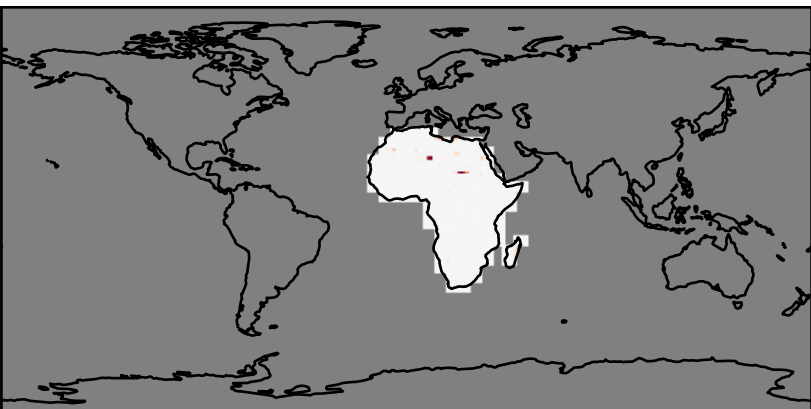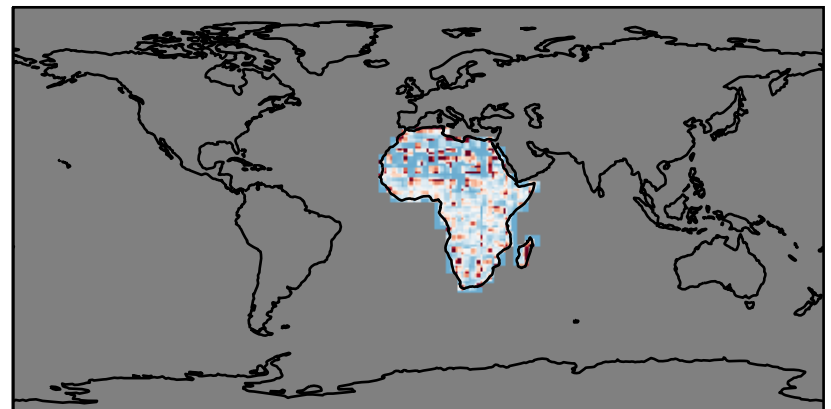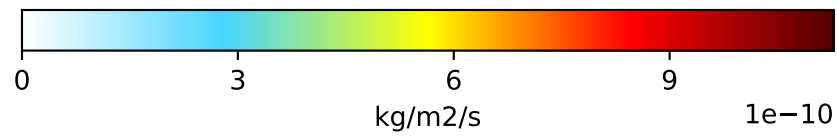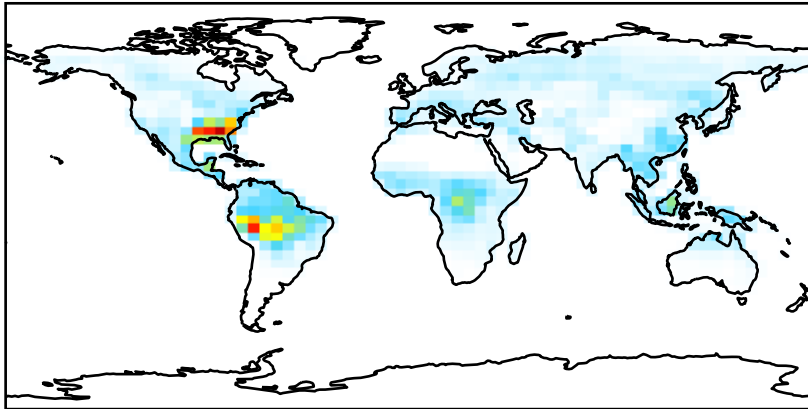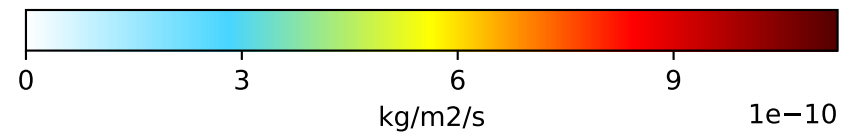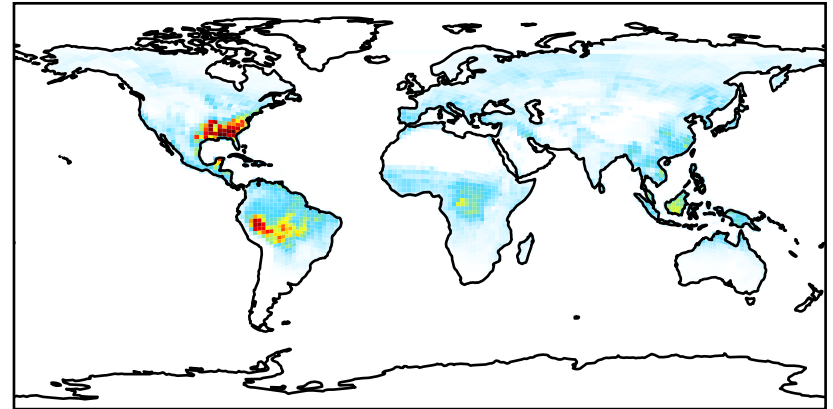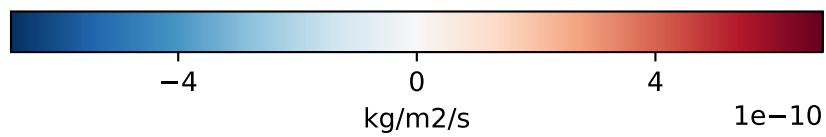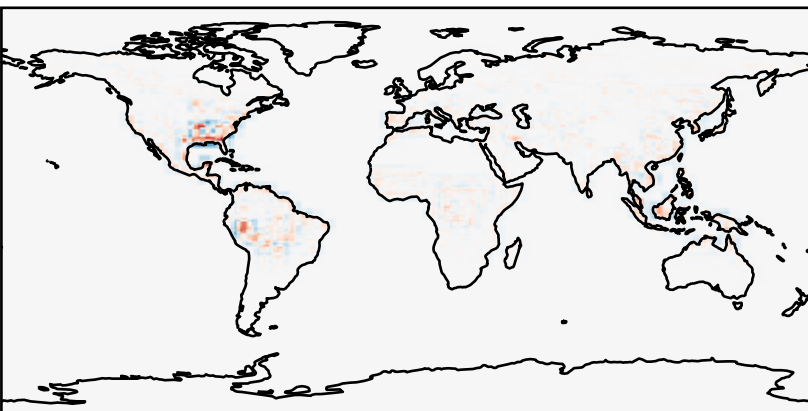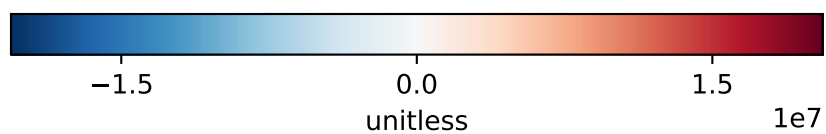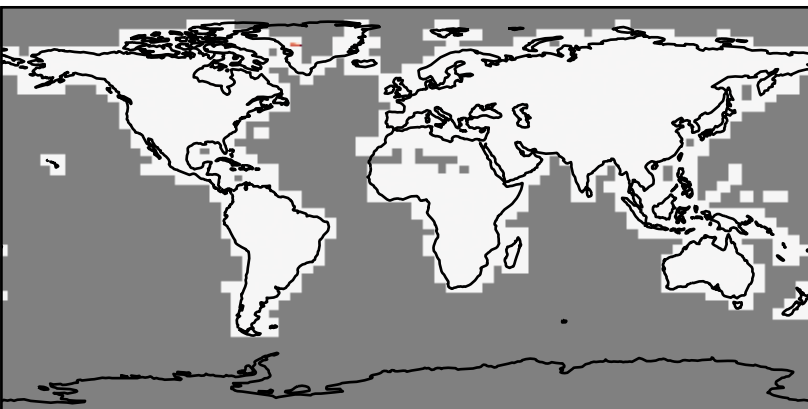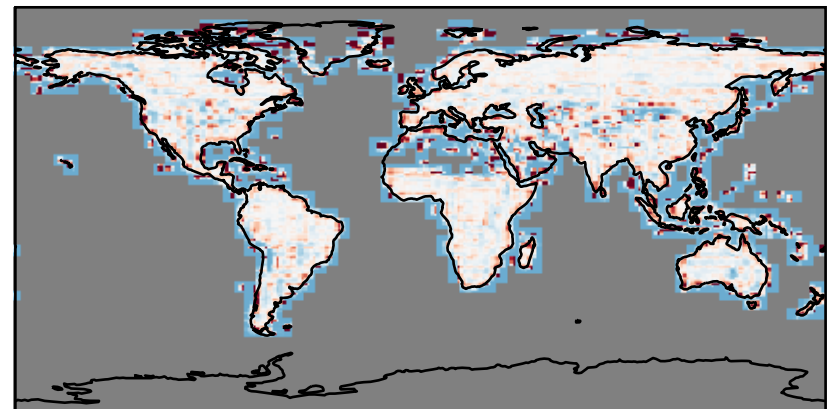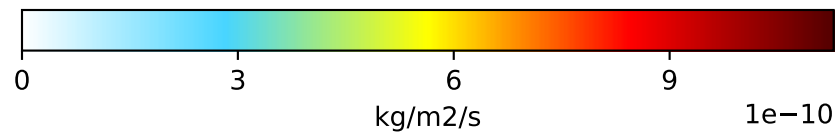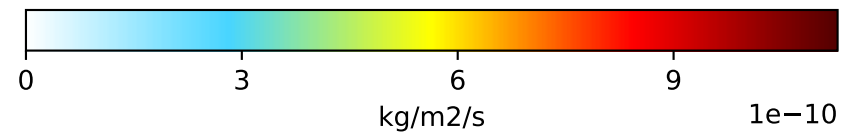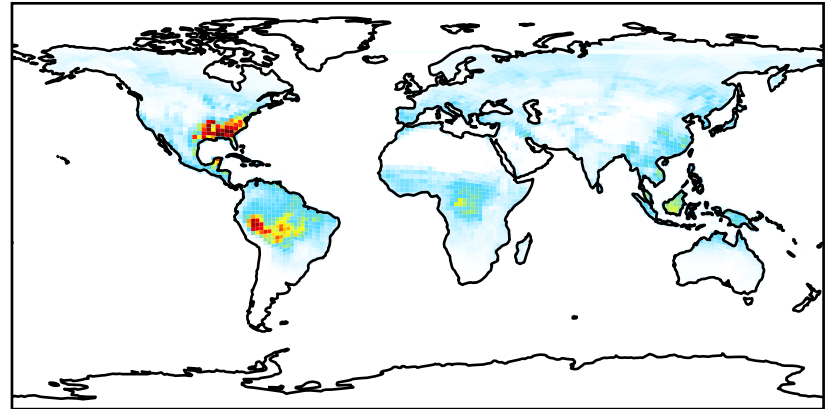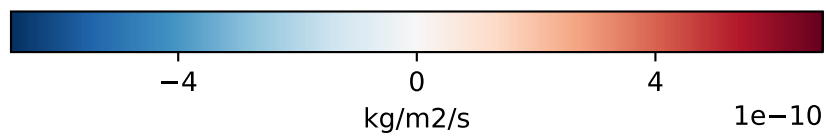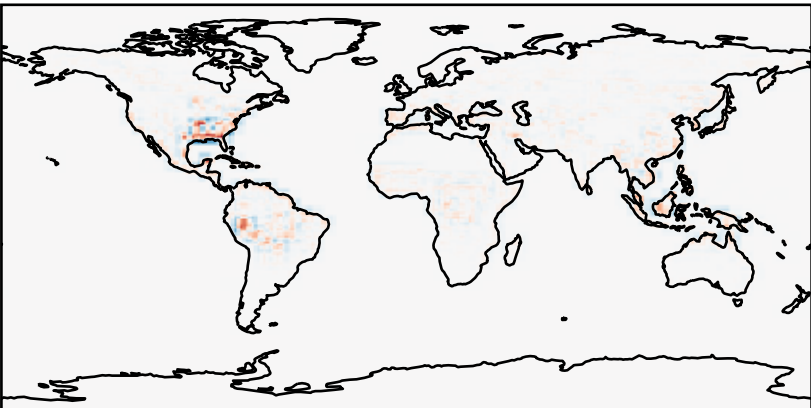unitless

Undefined throughout domain
unitless

EmisGLYX_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

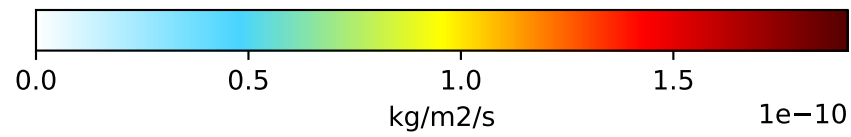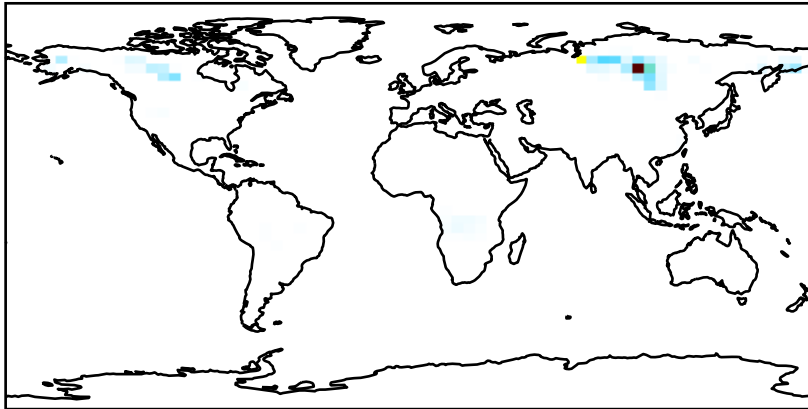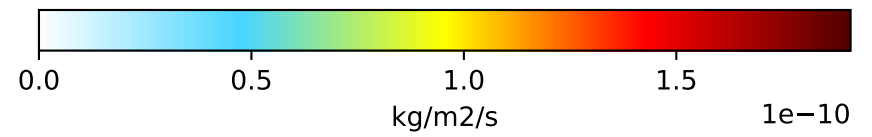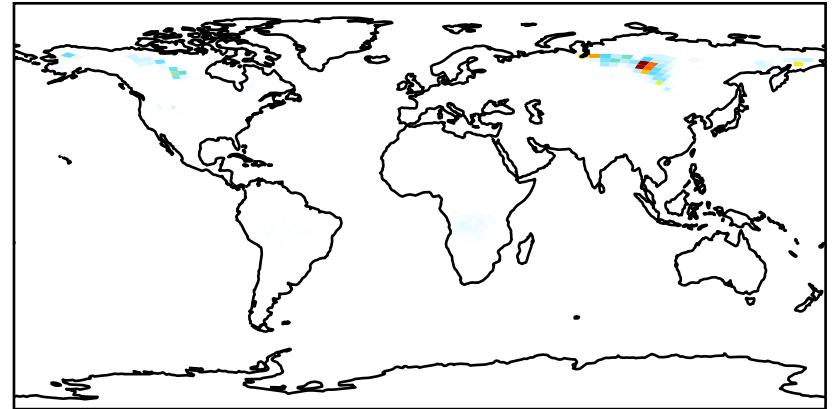## Fractional Difference (1x1.25)
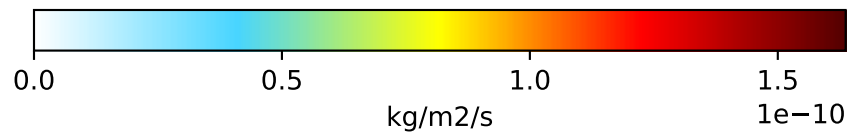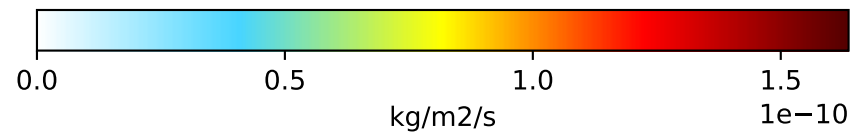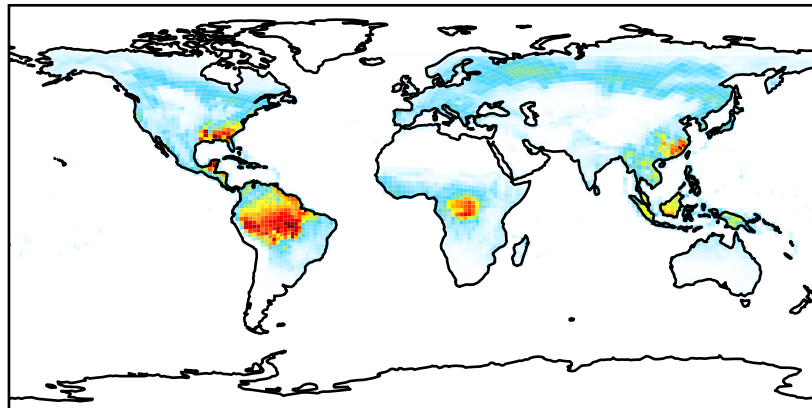### (Dev-Ref)/Ref, Fixed Range

Undefined throughout domain
unitless

EmisHCOOH_Anthro
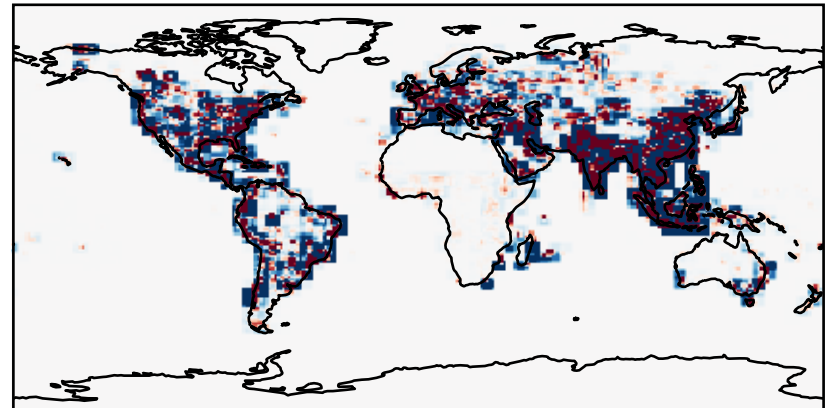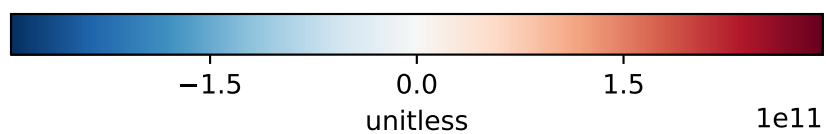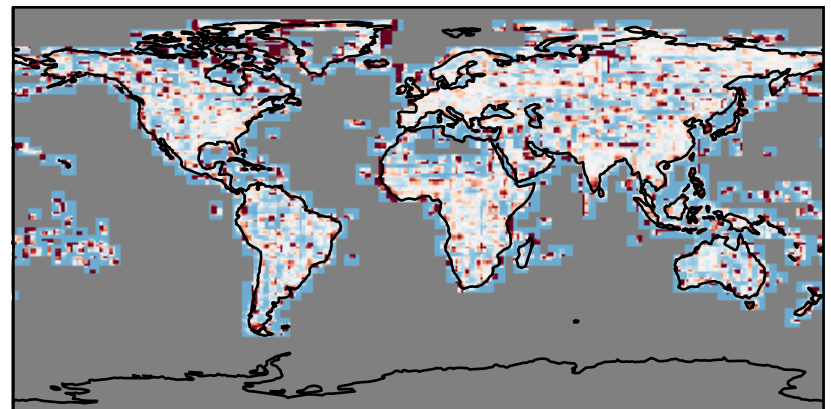
EmisHCOOH_Ship

GC_12.6.0 (Ref)
4x5

Zero throughout domain
kg/m2/s

GCHP_12.6.0 (Dev)
c48

Zero throughout domain
kg/m2/s

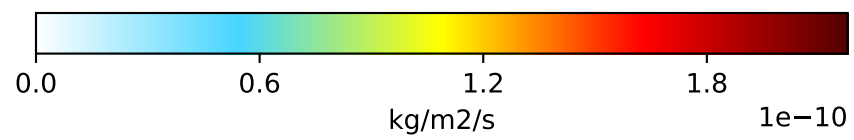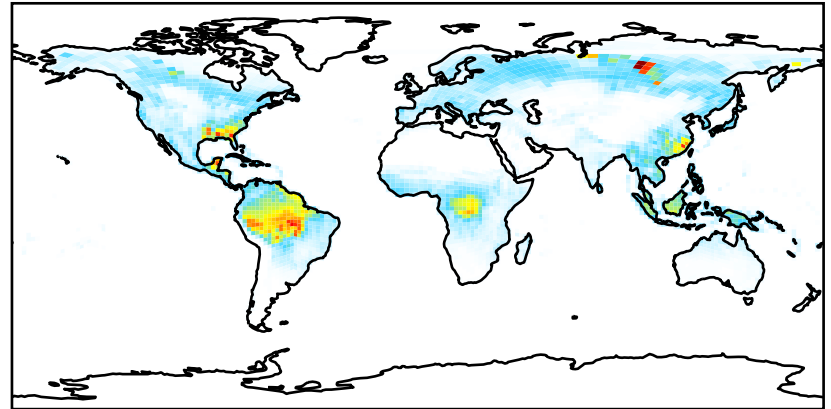### Difference (1x1.25)
Dev - Ref, Dynamic Range

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)
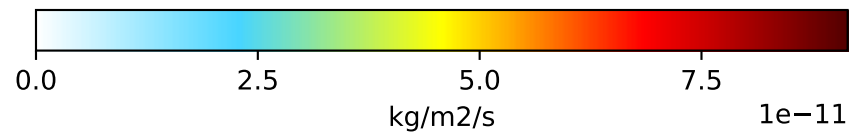### (Dev-Ref)/Ref, Dynamic Range

Undefined throughout domain
unitless

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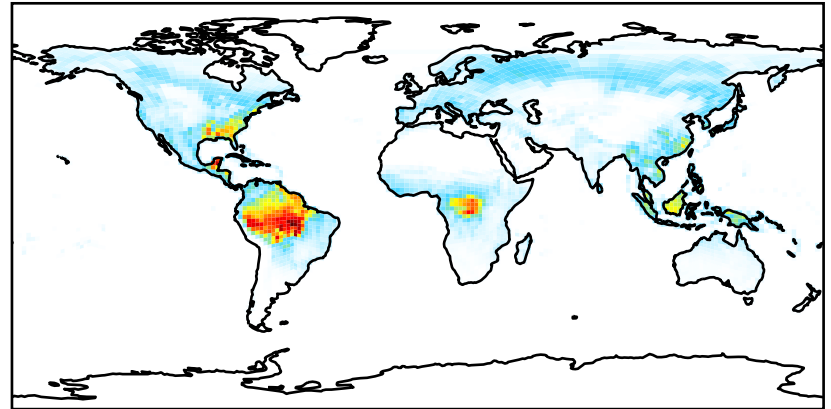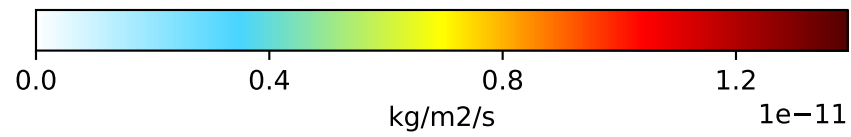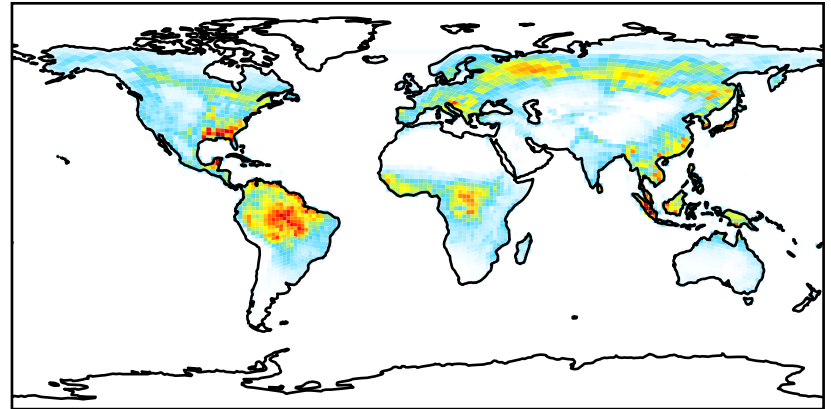

Undefined throughout domain
unitless

EmisHCOOH_Total

EmisMOH_Anthro

EmisMOH_Ship

GC_12.6.0 (Ref)
4x5

Zero throughout domain
kg/m2/s

GCHP_12.6.0 (Dev)
c48

Zero throughout domain
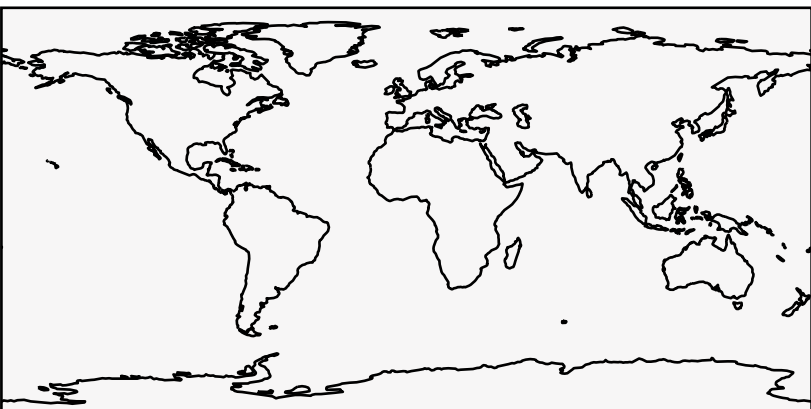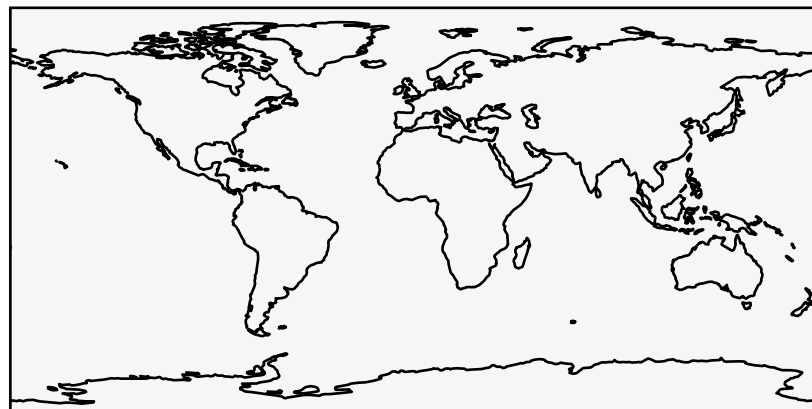kg/m2/s

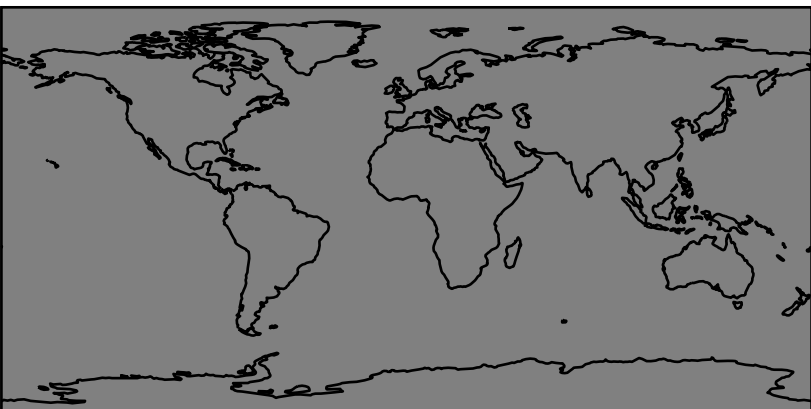### Difference (1x1.25)
Dev - Ref, Dynamic Range

Zero throughout domain
kg/m2/s

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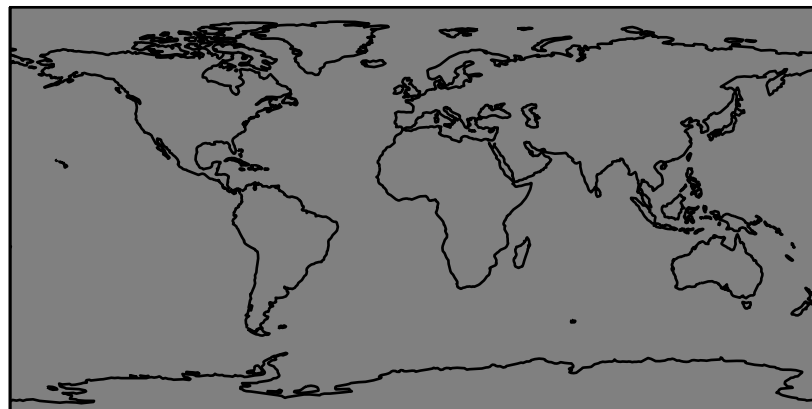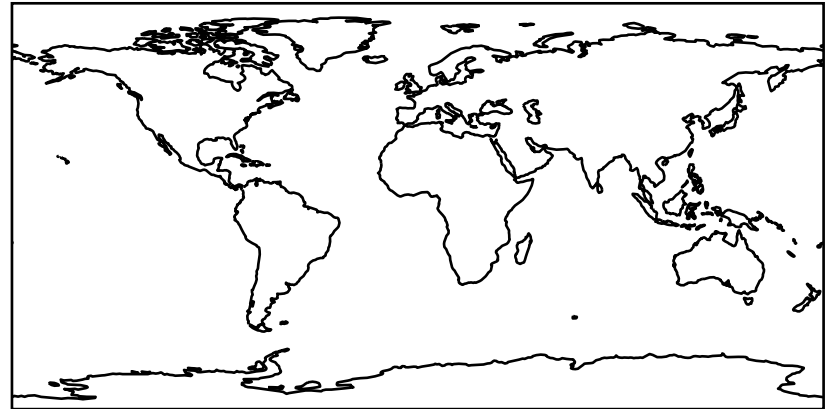### Dev - Ref, Restricted Range [5%,95%]

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
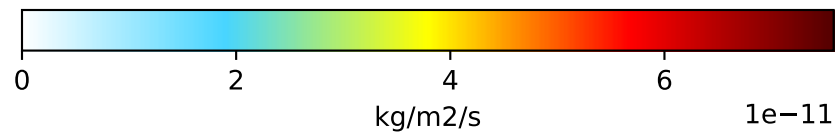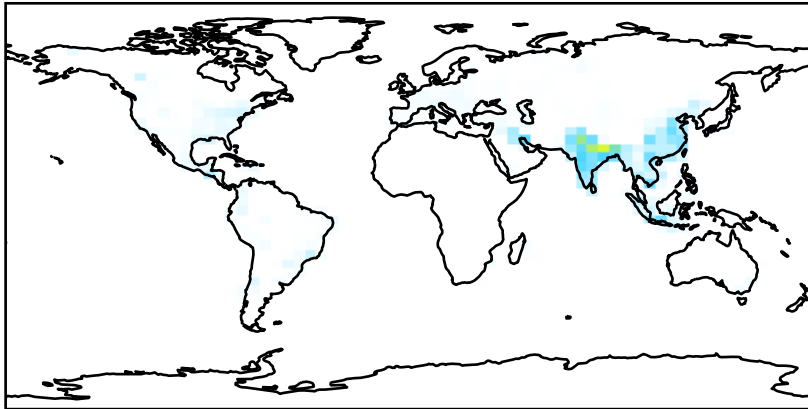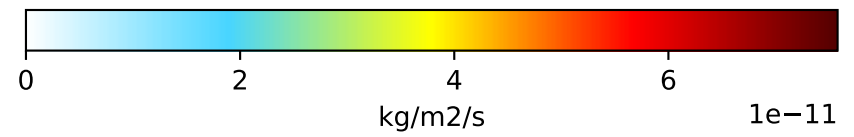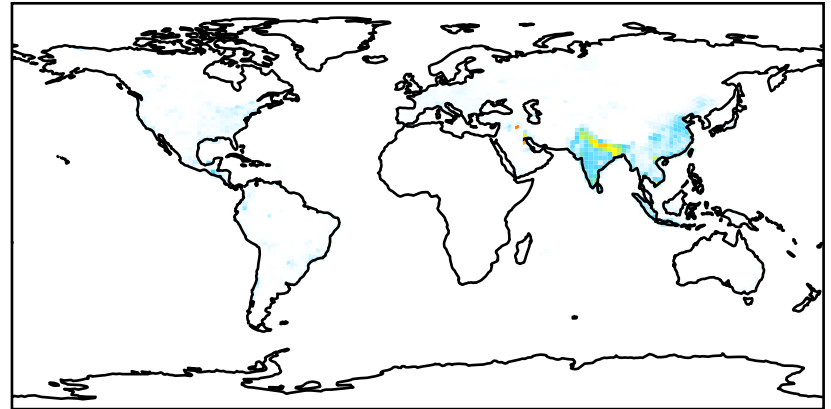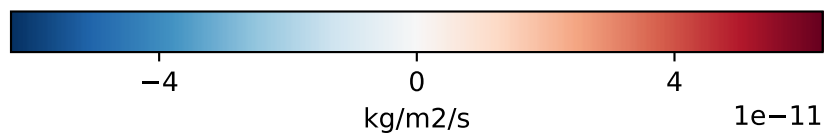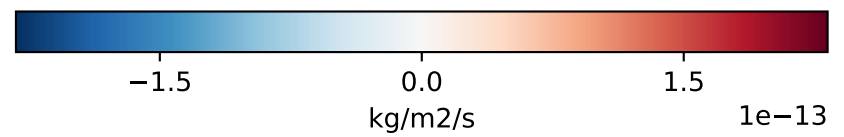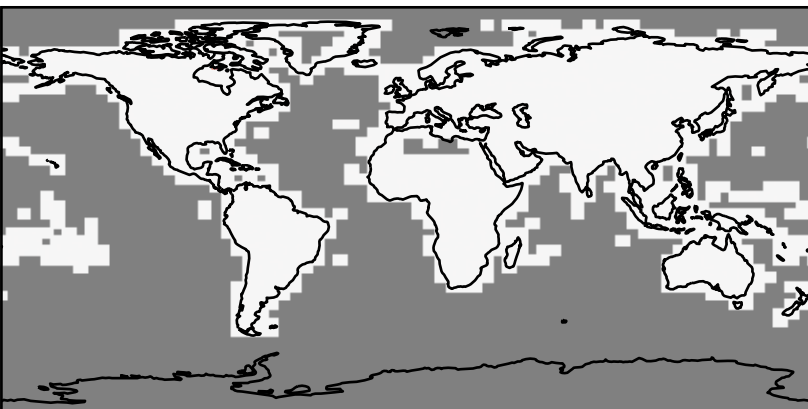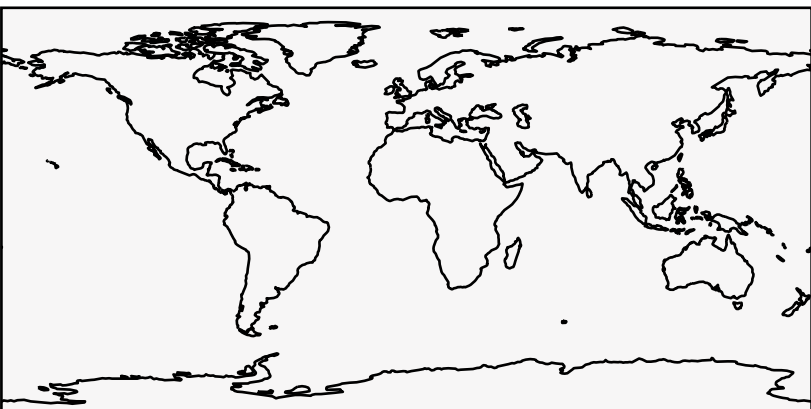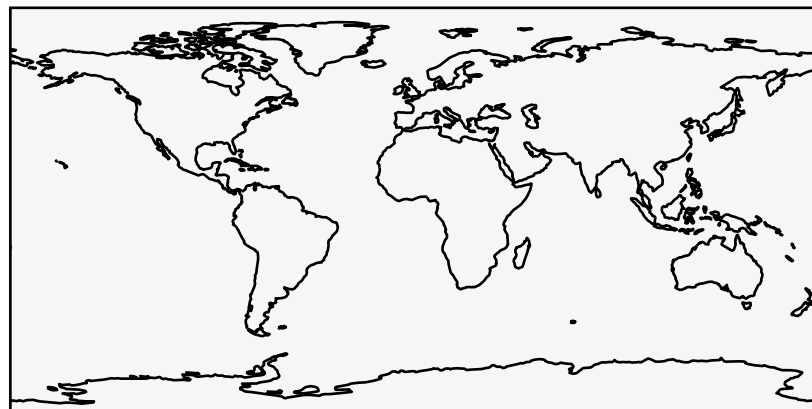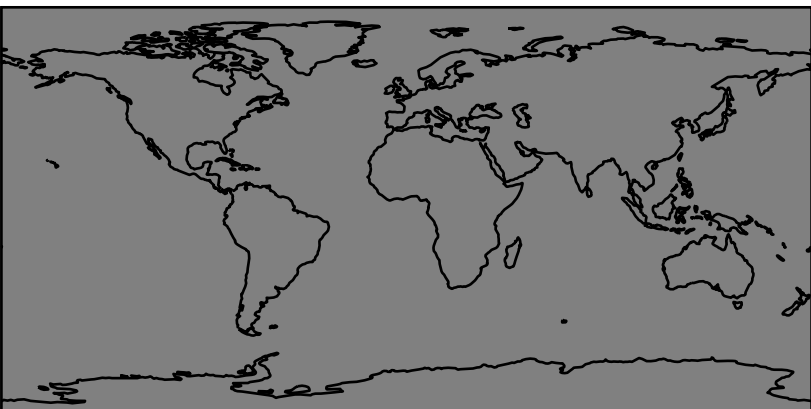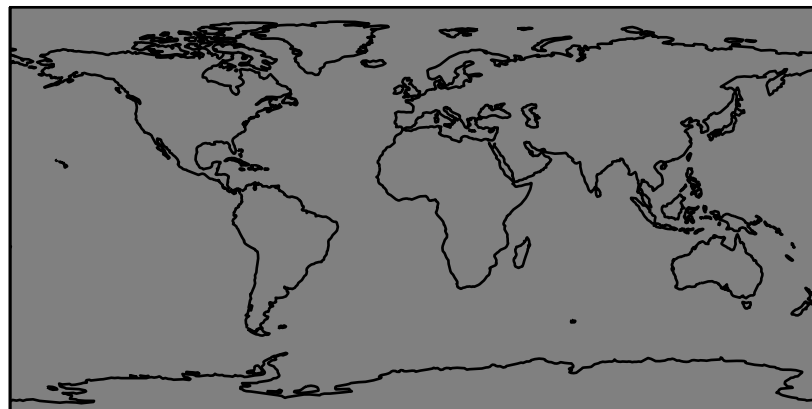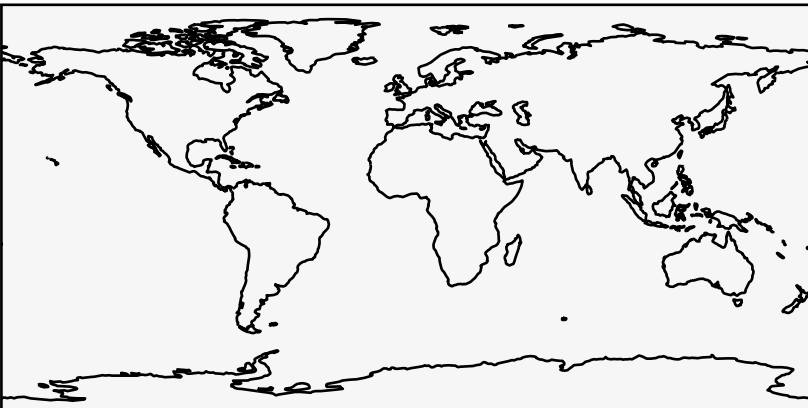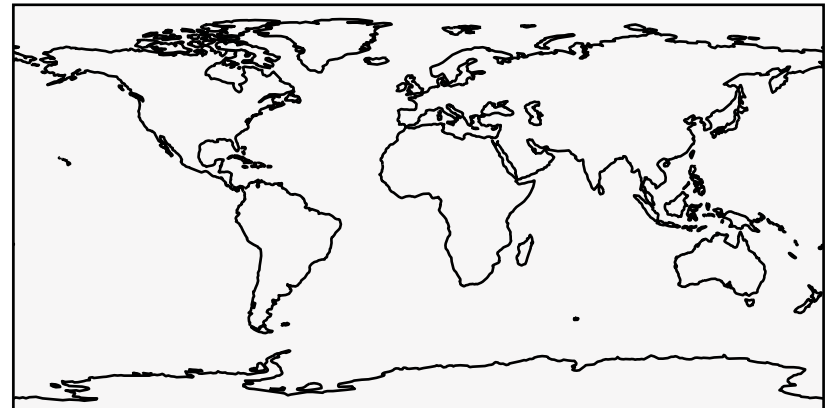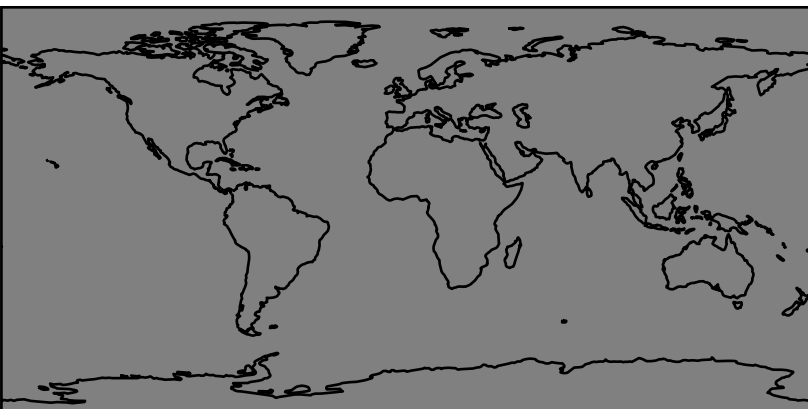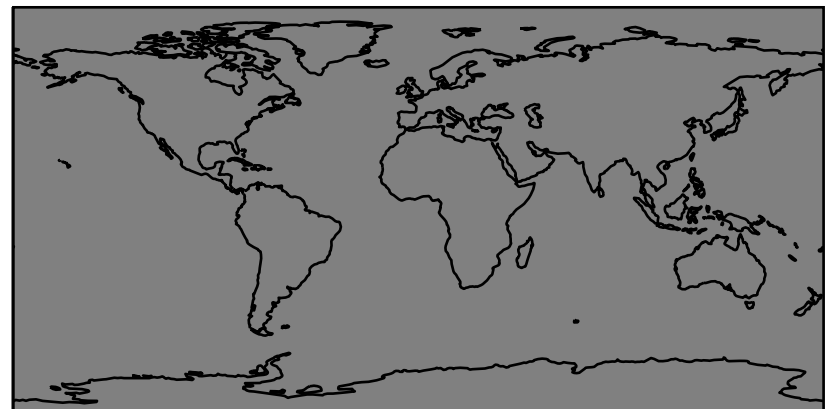unitless

EmisMOH_Total

GC_12.6.0 (Ref) 4x5	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
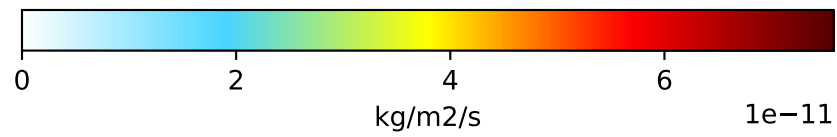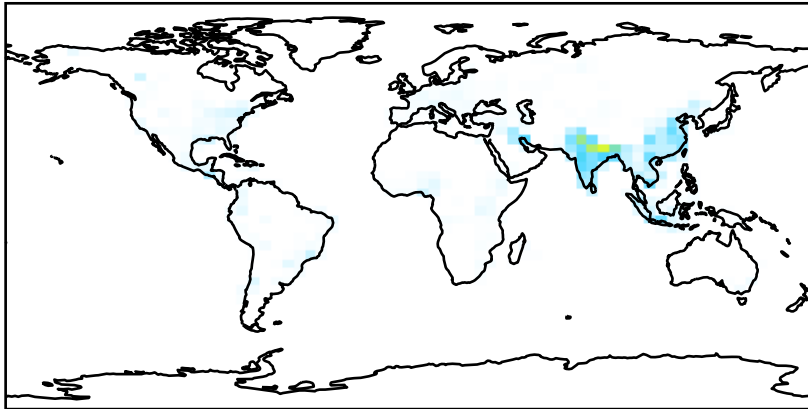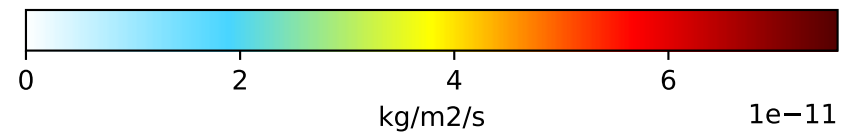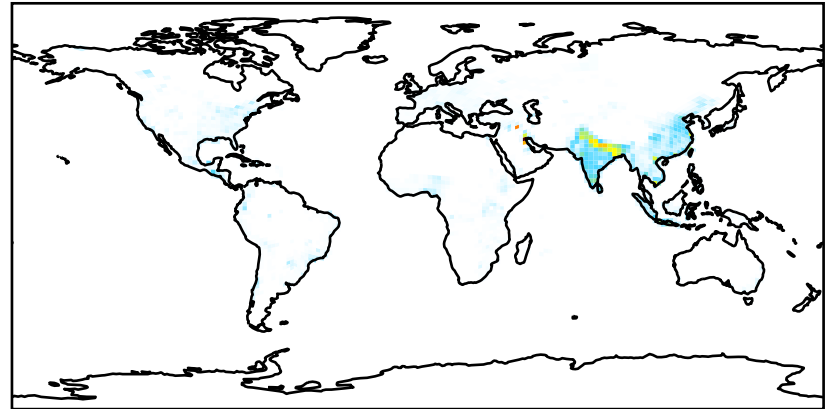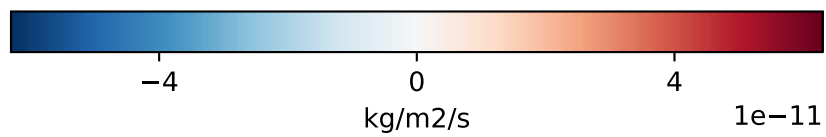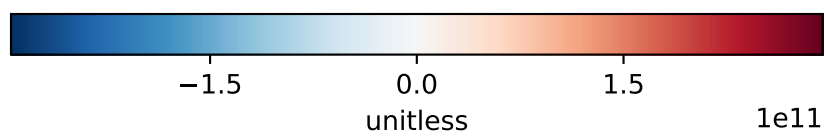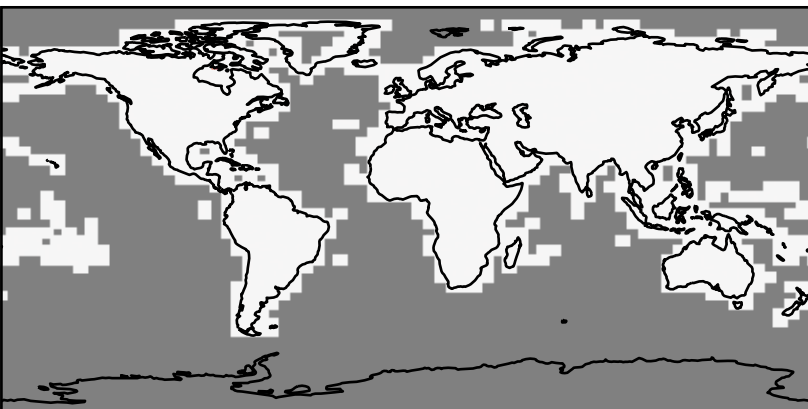
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

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

Undefined throughout domain
unitless

Undefined throughout domain
unitless

EmisRCHO_Aircraft

EmisRCHO_Anthro

EmisRCHO_Total

GC_12.6.0 (Ref)
4x5

GCHP_12.6.0 (Dev)
c48

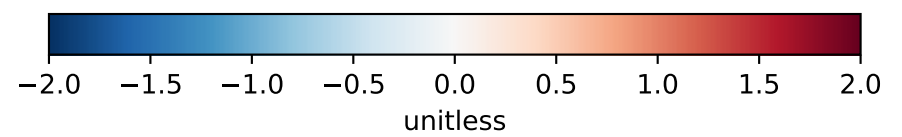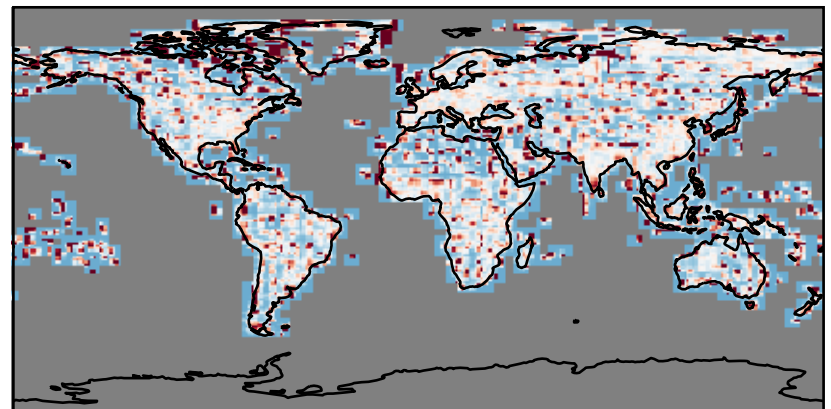Difference (1x1.25)
Dev - Ref, Dynamic Range

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

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

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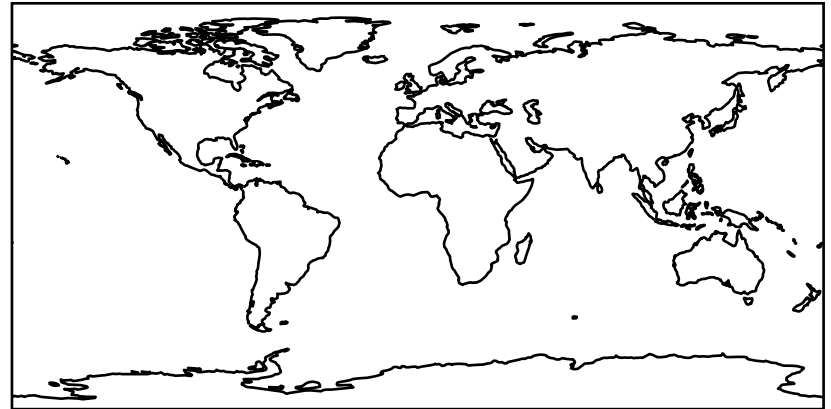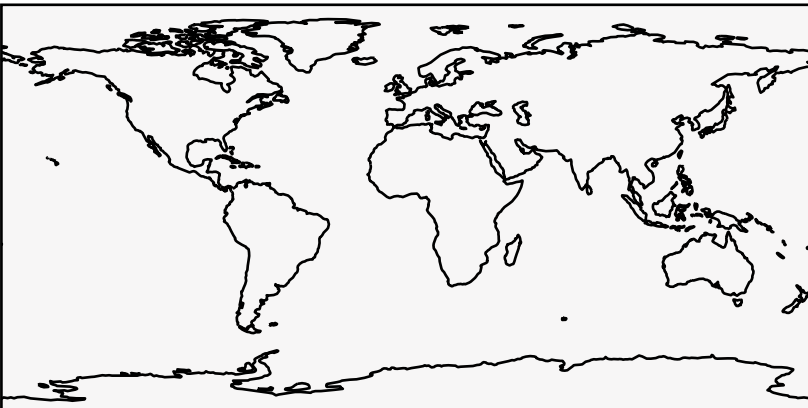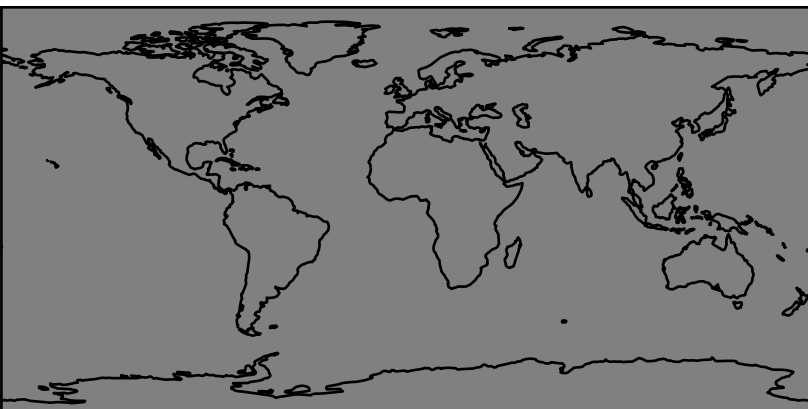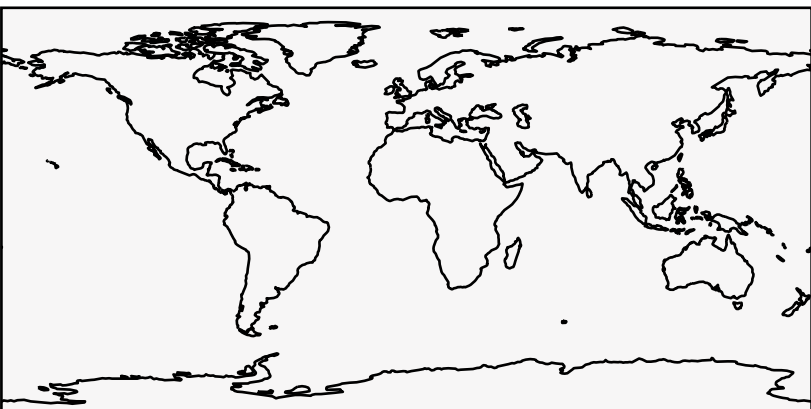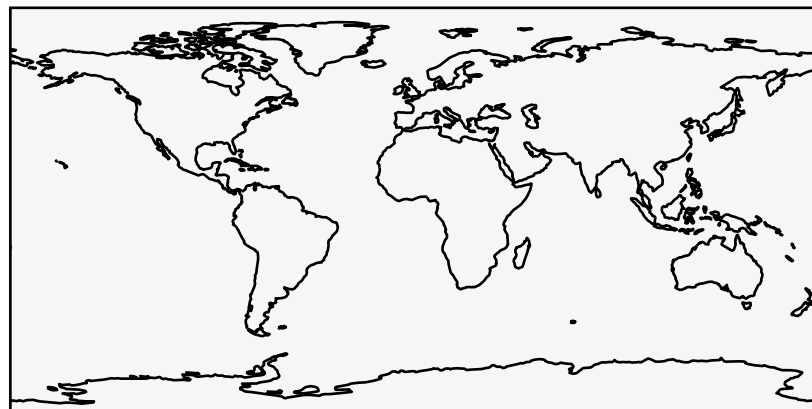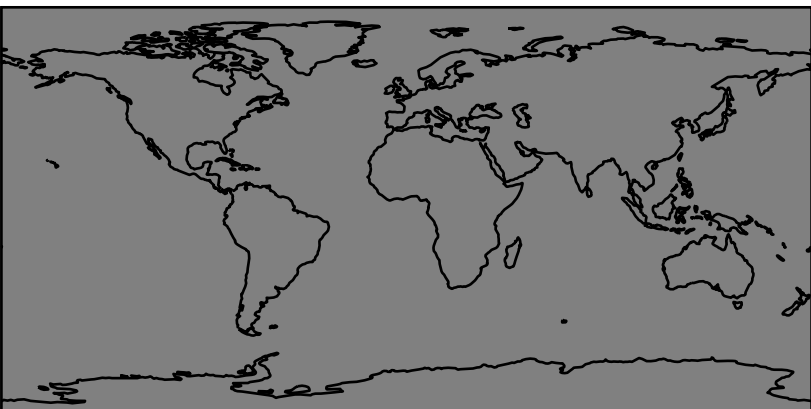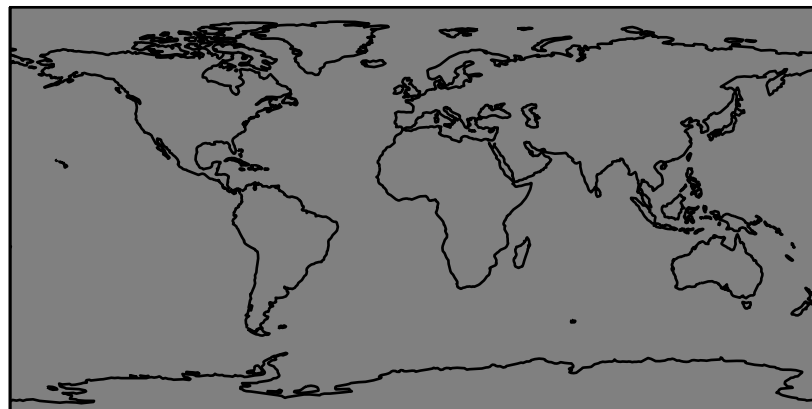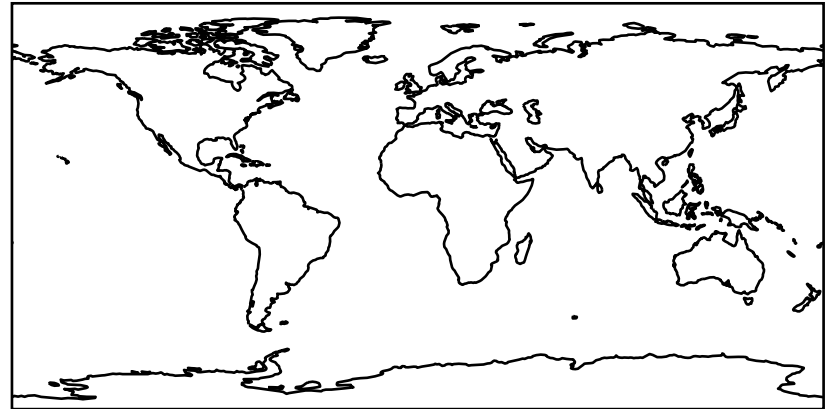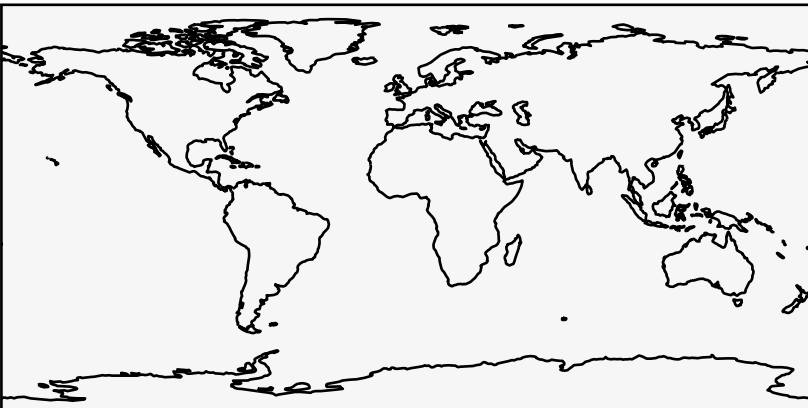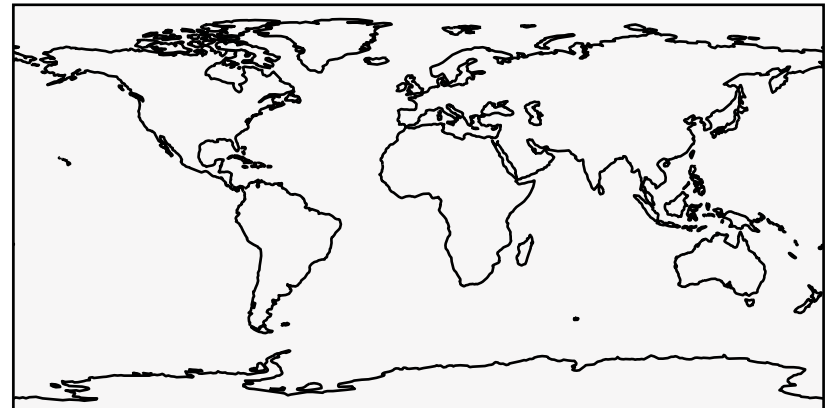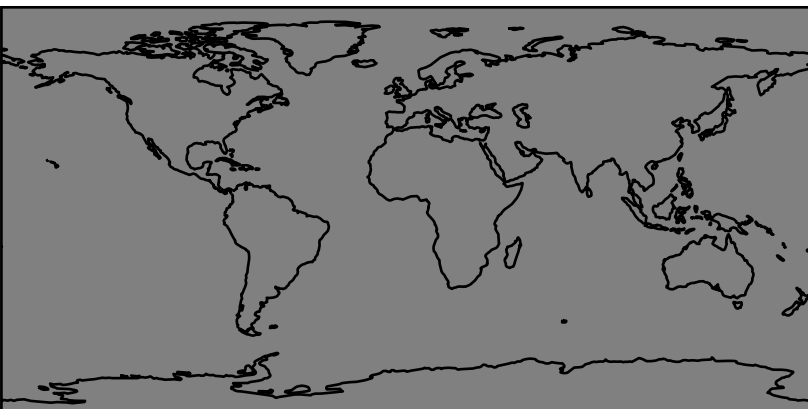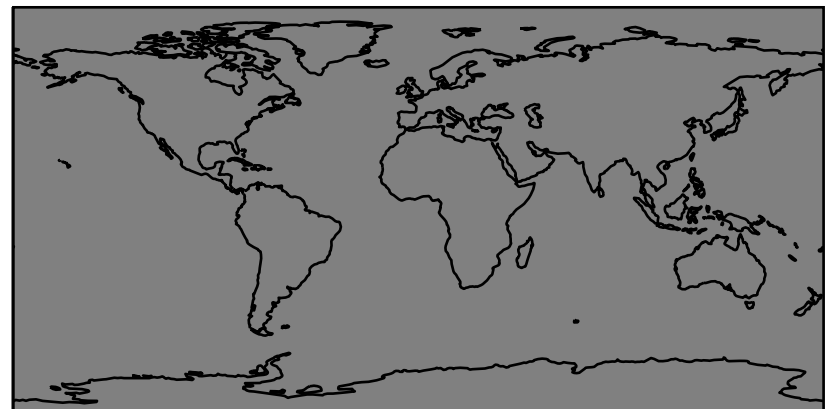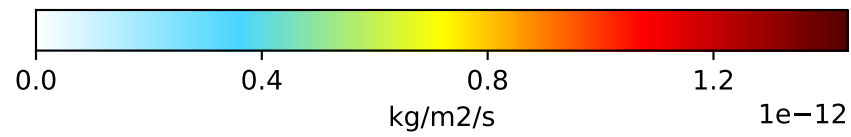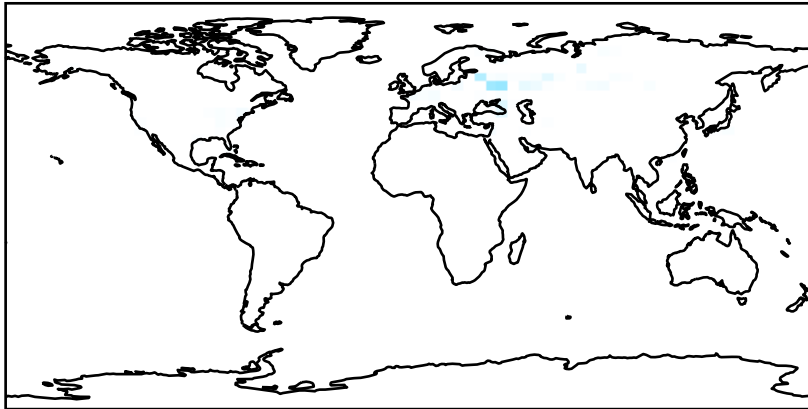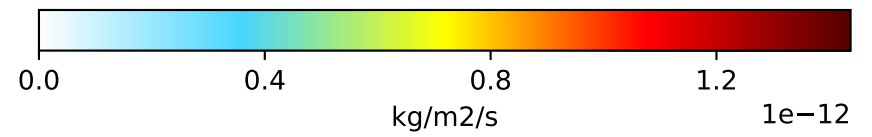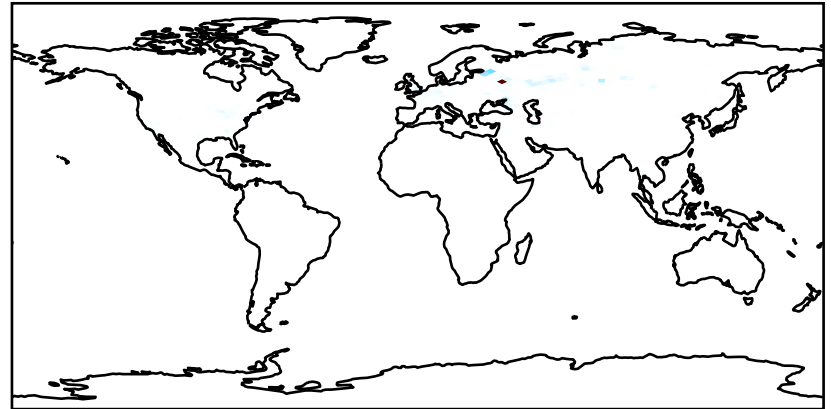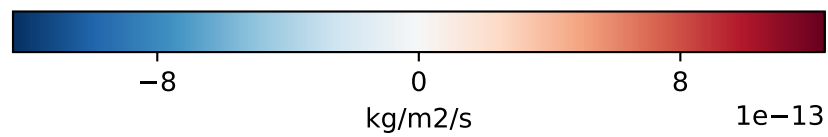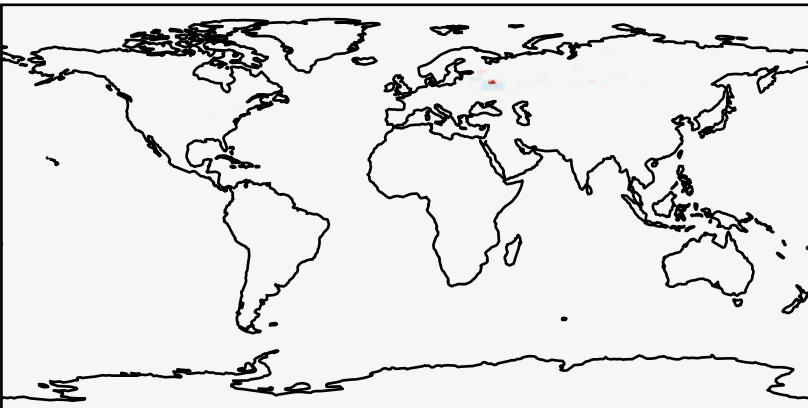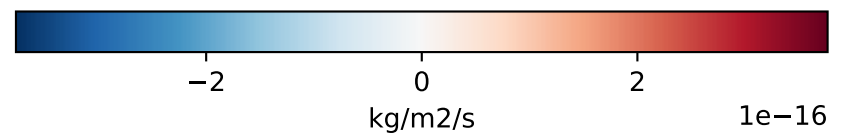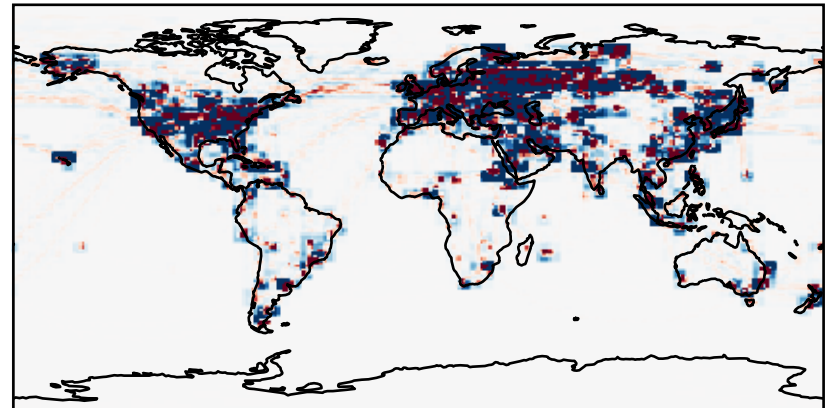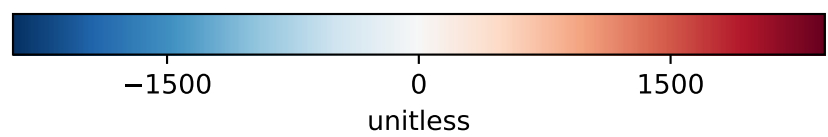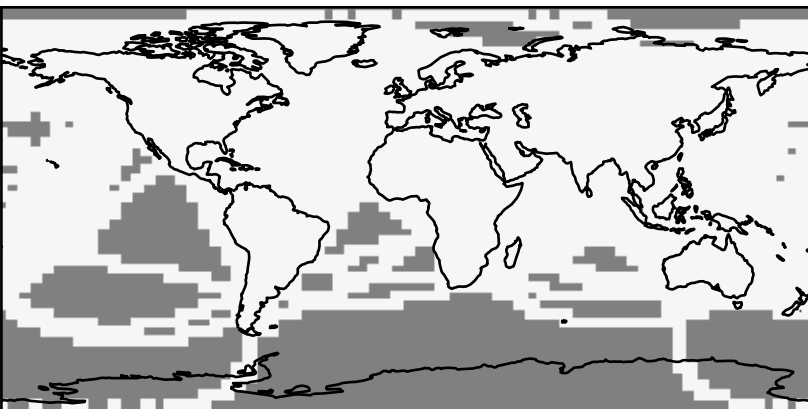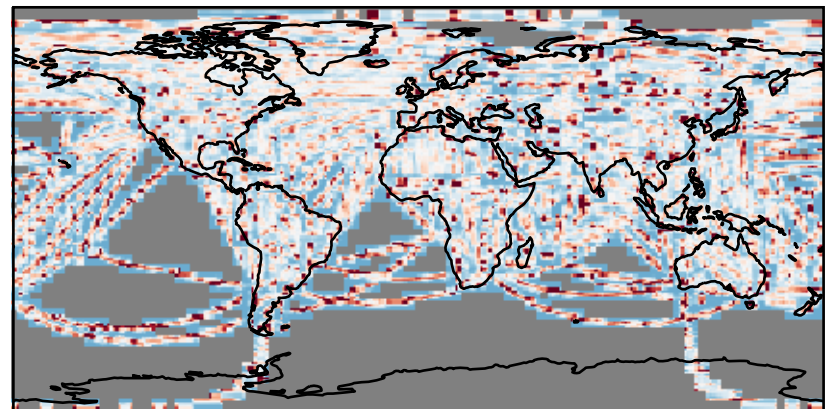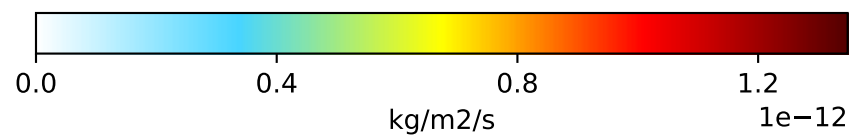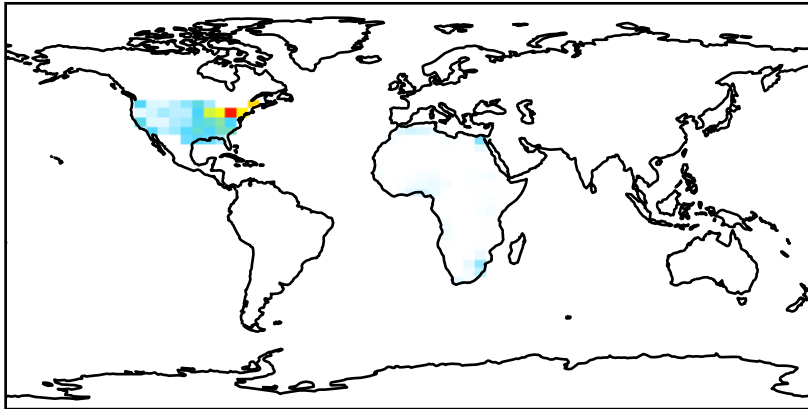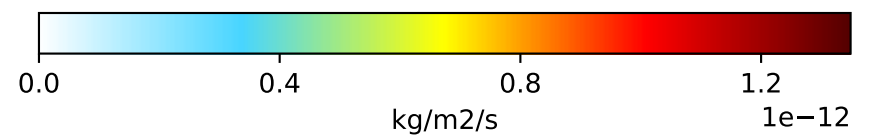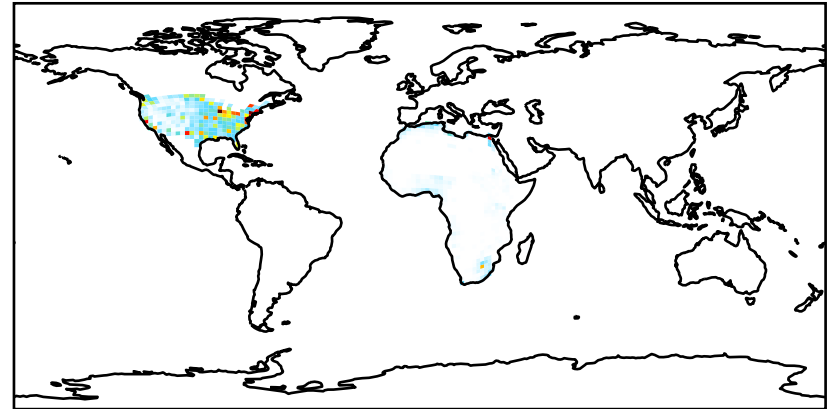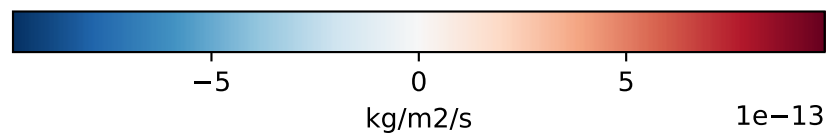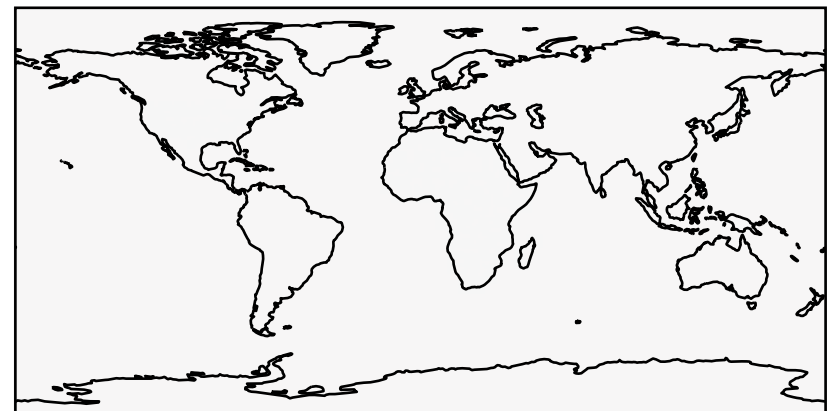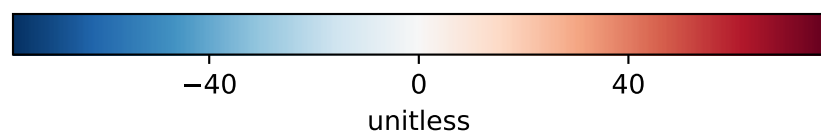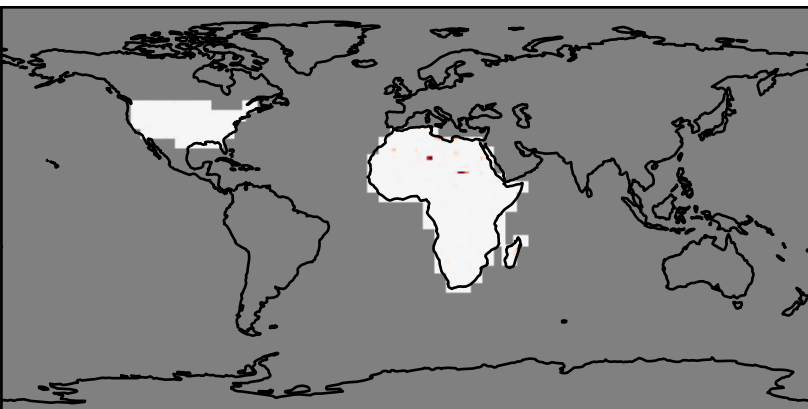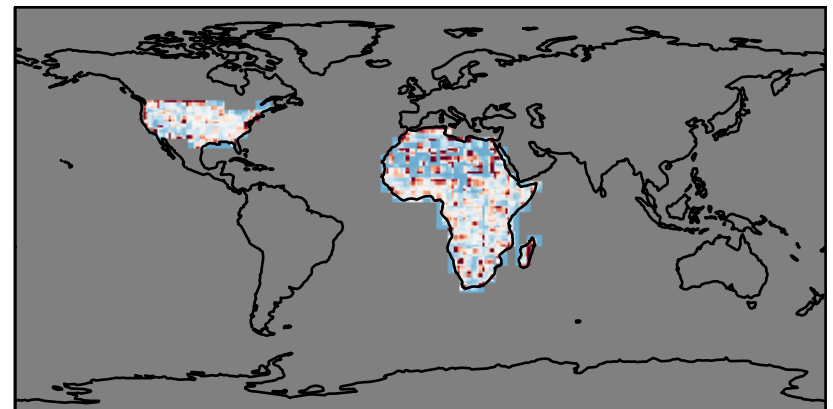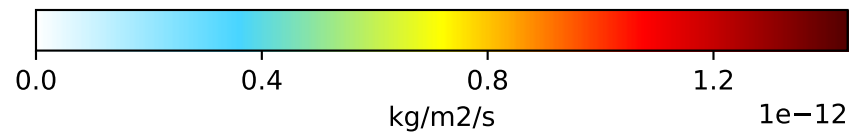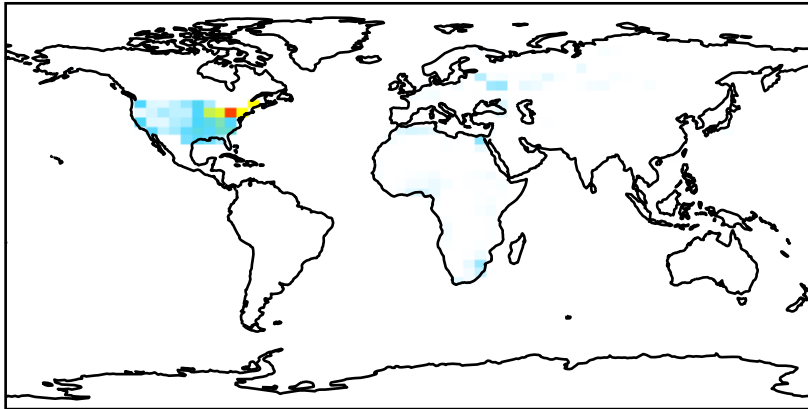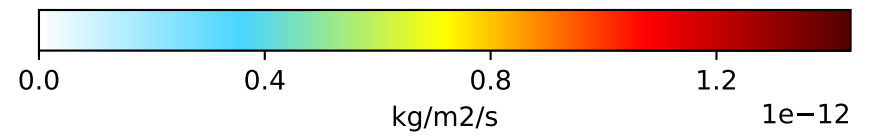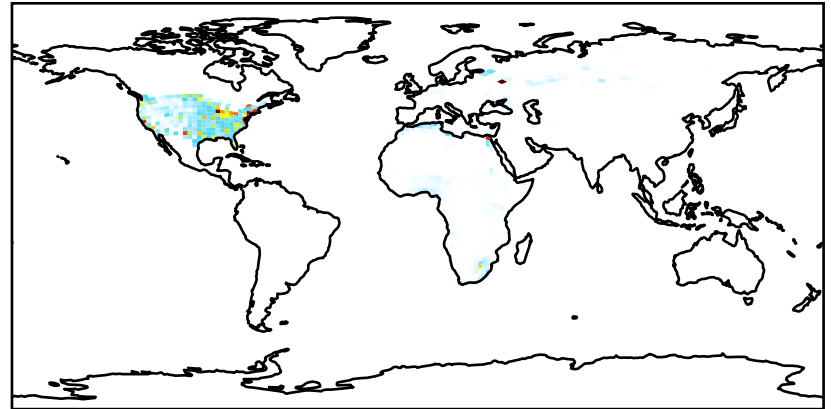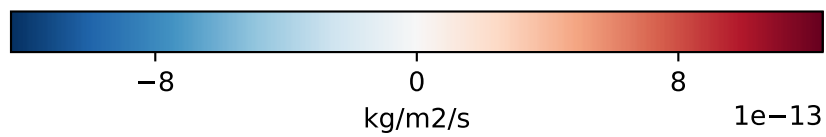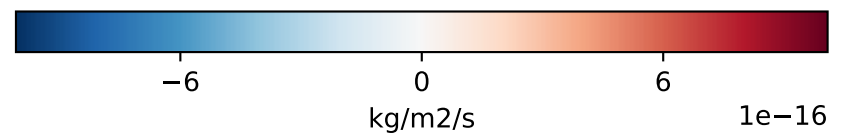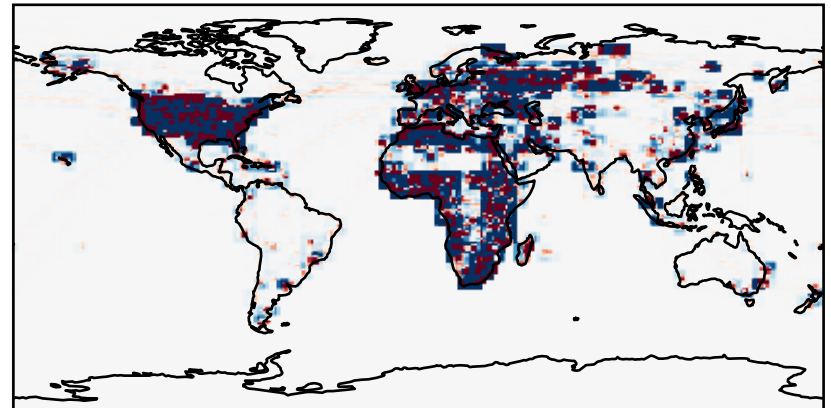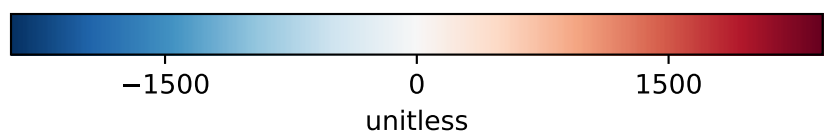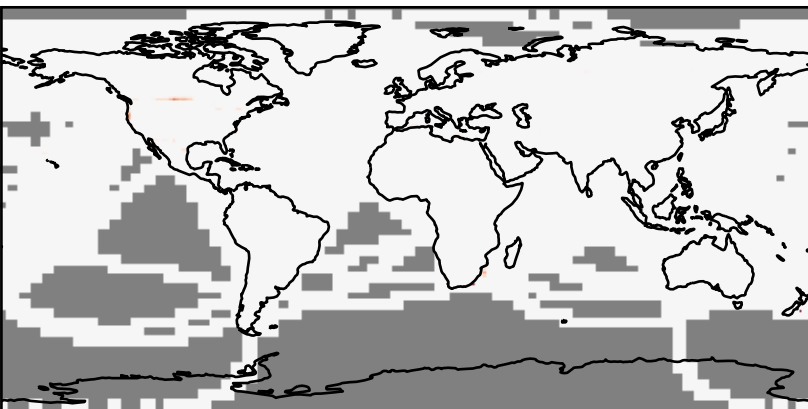(Dev-Ref)/Ref, Fixed Range