EmisALD2_Ship

GC_12.5.0 (Ref)
4x5

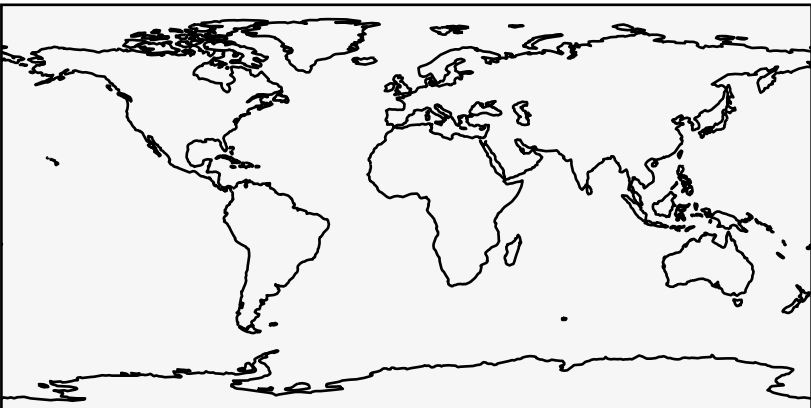### GCHP_12.5.0_c24 (Dev)
c24

Zero throughout domain
kg/m2/s

Zero throughout domain
kg/m2/s

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

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

Zero throughout domain
kg/m2/s

Zero throughout domain
kg/m2/s

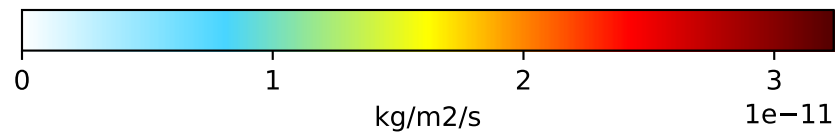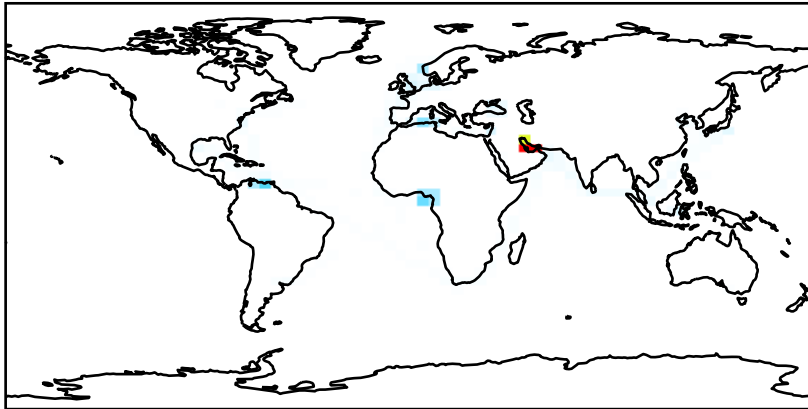### Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

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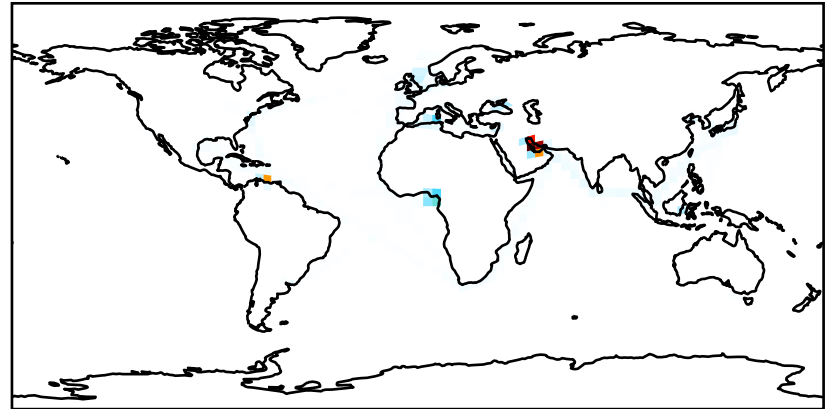### (Dev-Ref)/Ref, Fixed Range

Undefined throughout domain
unitless

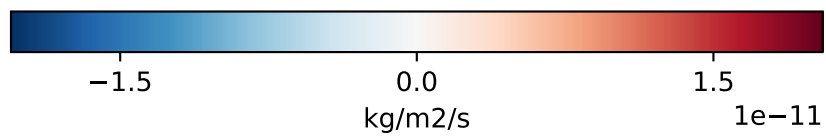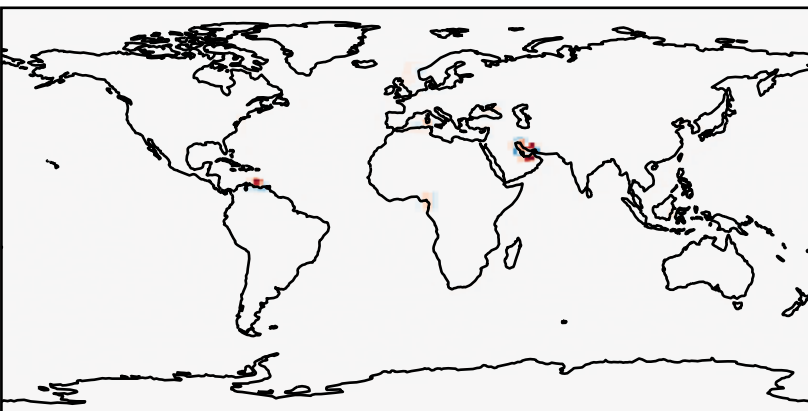Undefined throughout domain
unitless

EmisALK4_Ship

EmisBCPI_Ship

GC_12.5.0 (Ref)
4x5

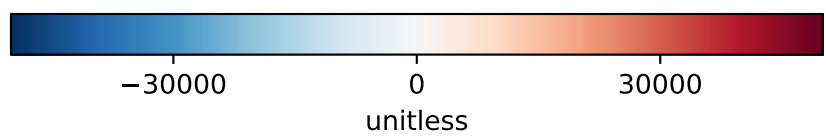GCHP_12.5.0_c24 (Dev)
c24
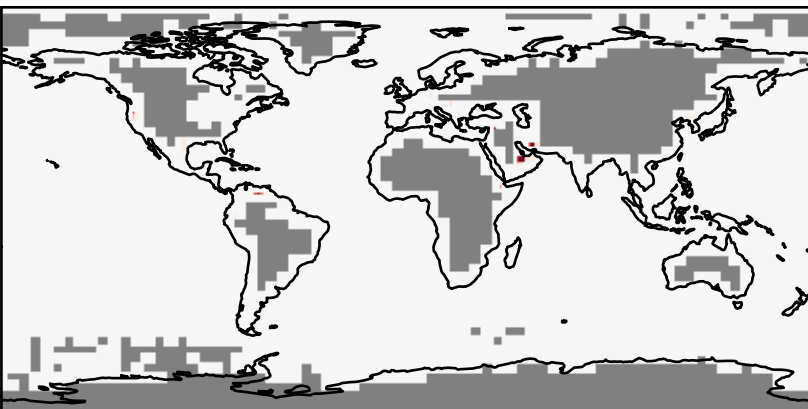
kg/m2/s

kg/m2/s

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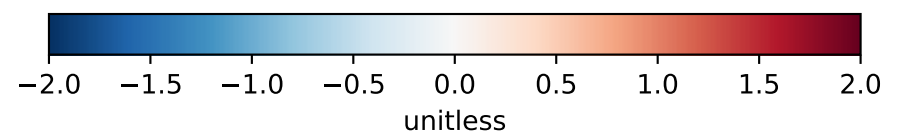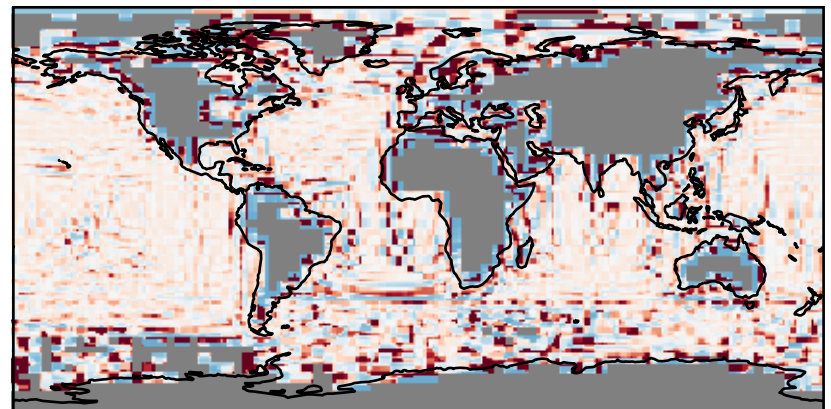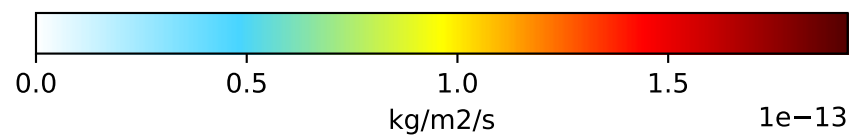Dev - Ref, Dynamic Range

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

kg/m2/s

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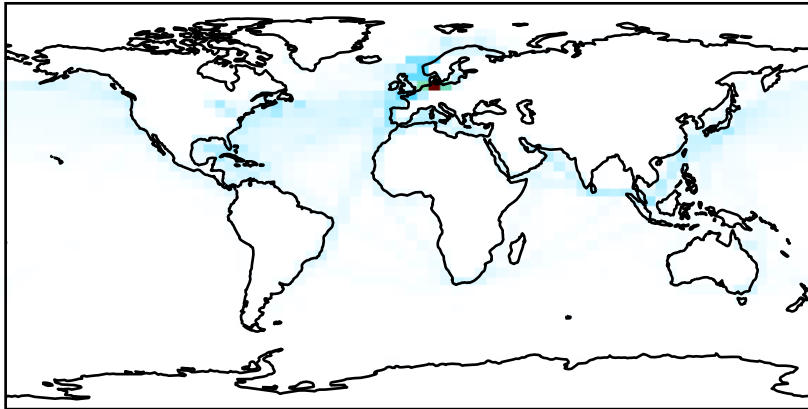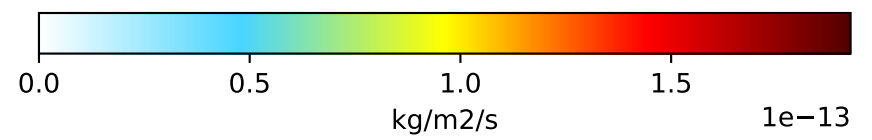
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range
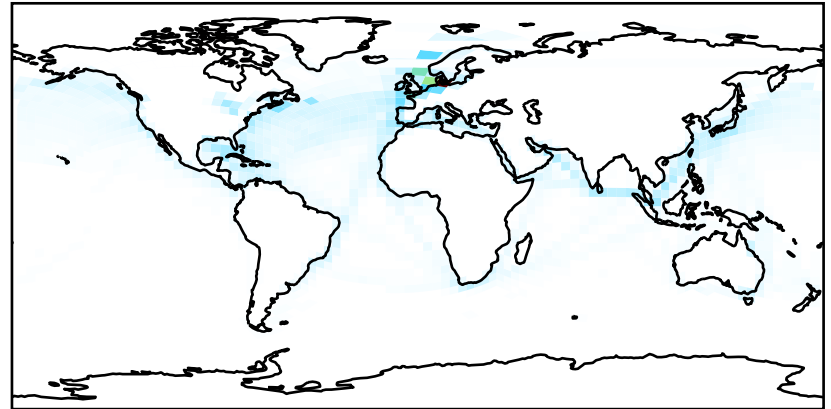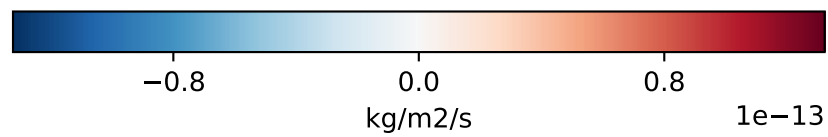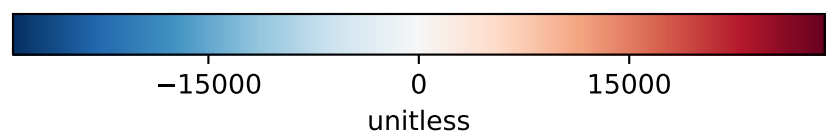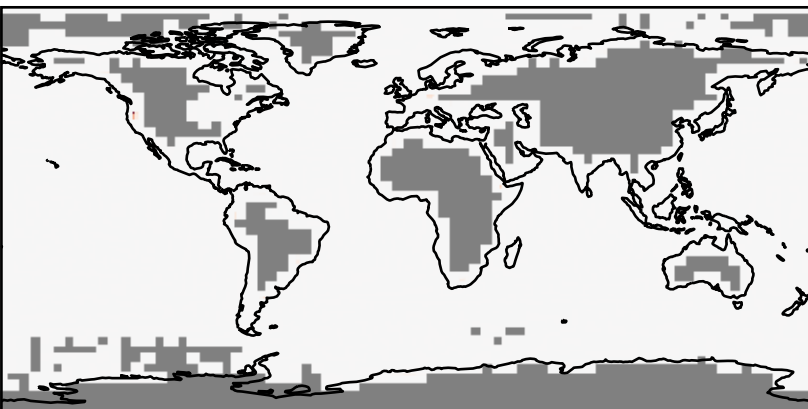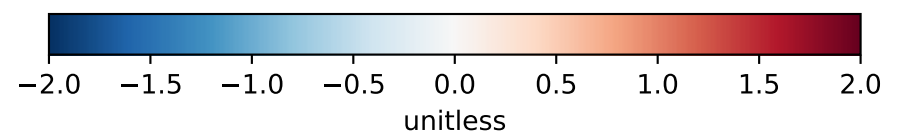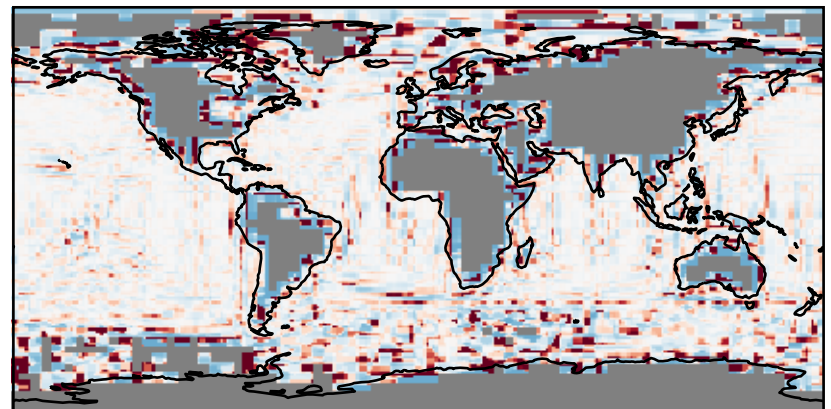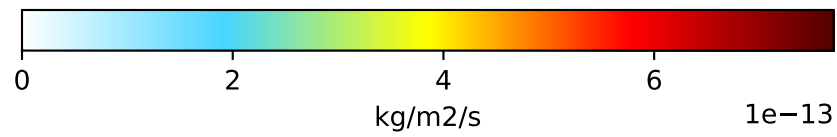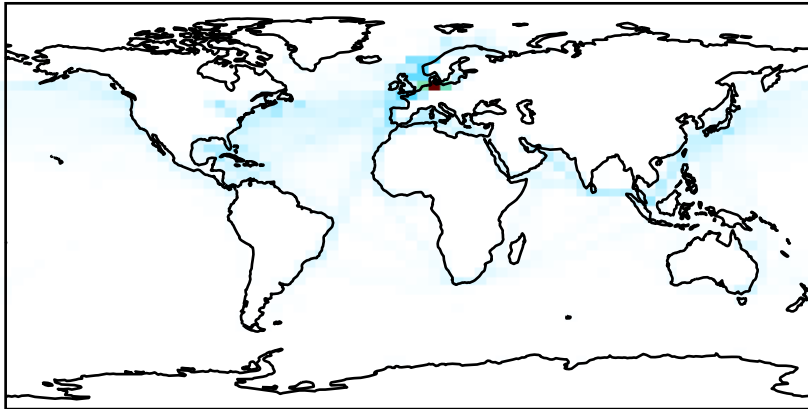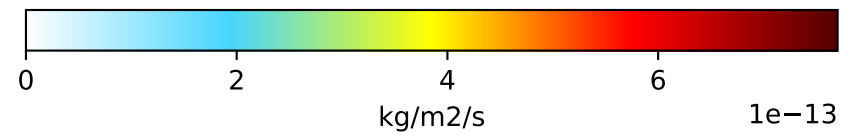
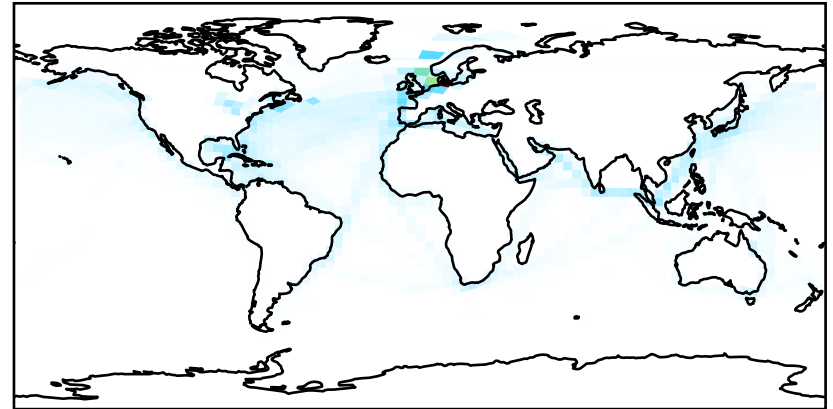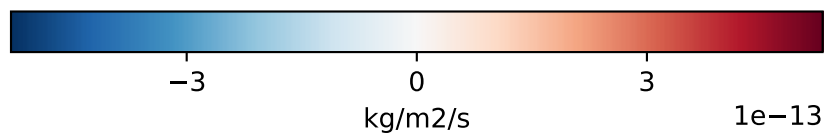Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

unitless

unitless

EmisBCPO_Ship

EmisBENZ_Ship

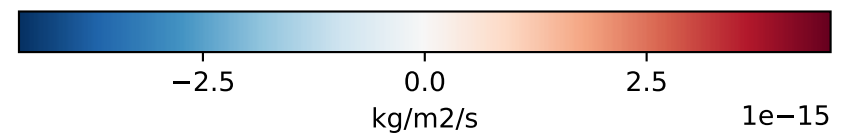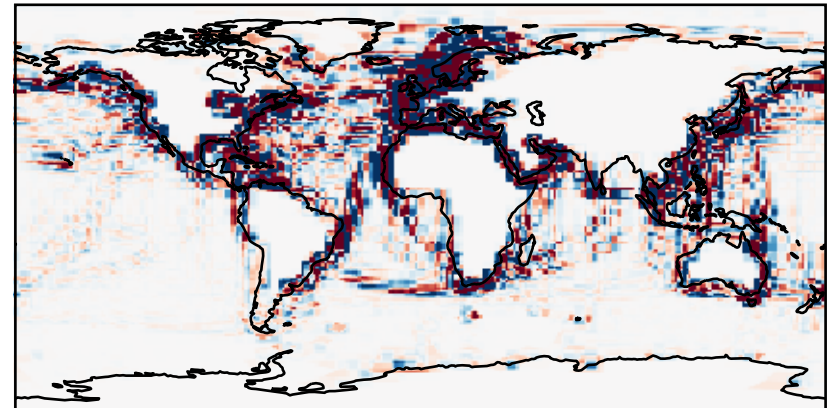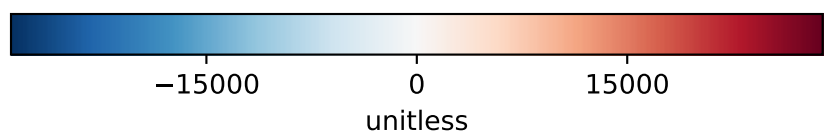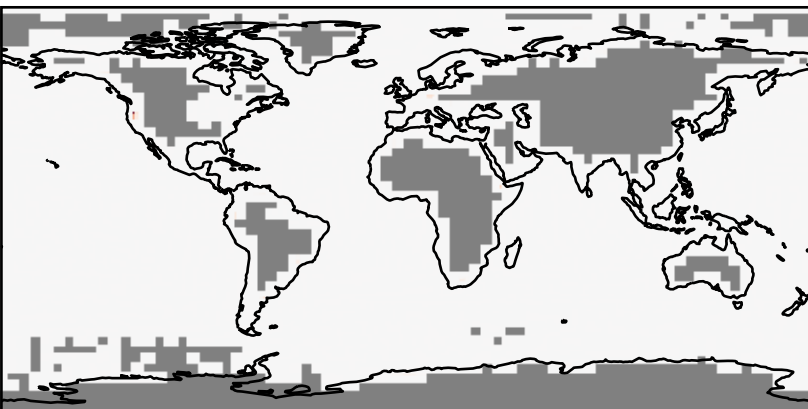# EmisC2H6_Ship

GC_12.5.0 (Ref)
4x5

GCHP_12.5.0_c24 (Dev)
c24

kg/m2/s

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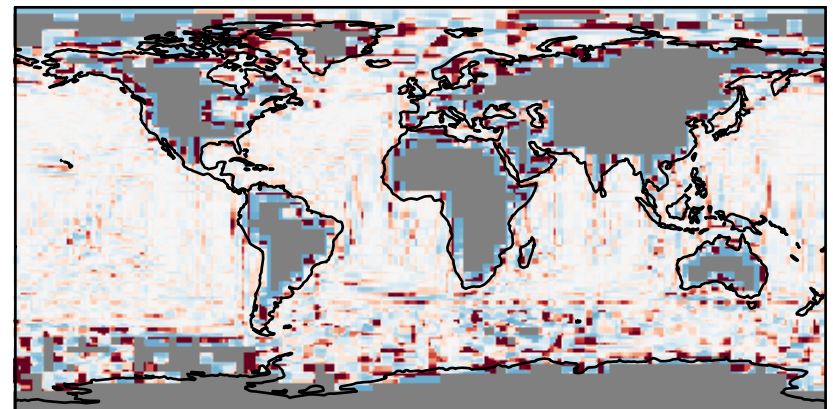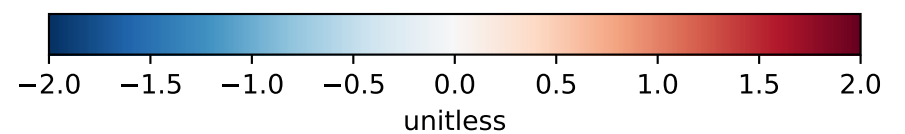Dev - Ref, Dynamic Range

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

kg/m2/s

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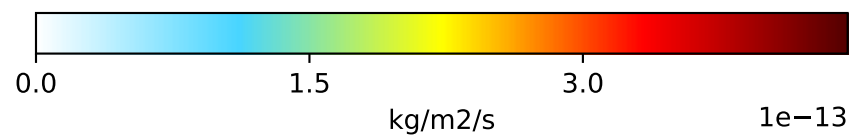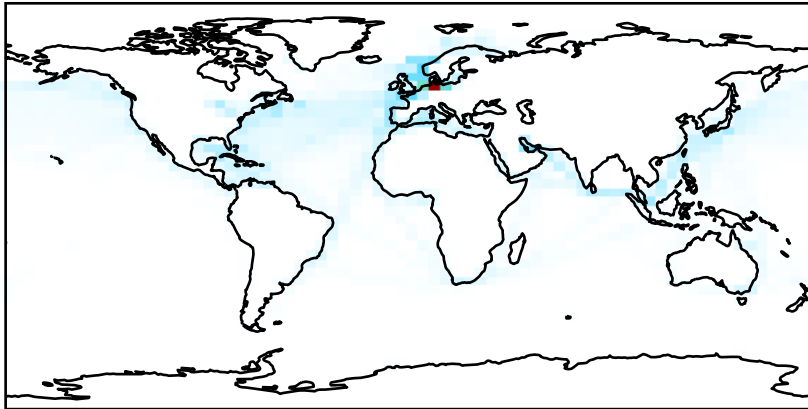(Dev-Ref)/Ref, Dynamic Range
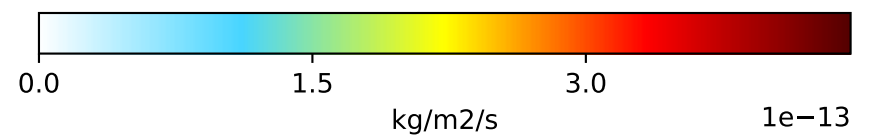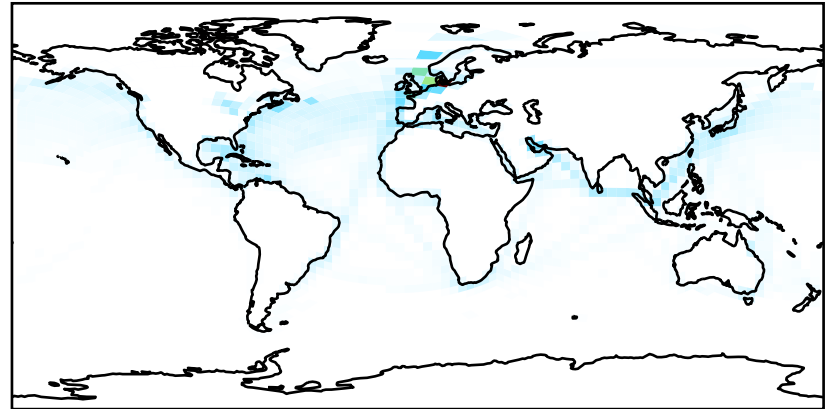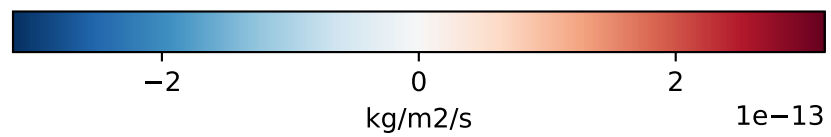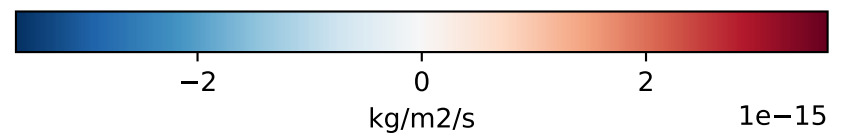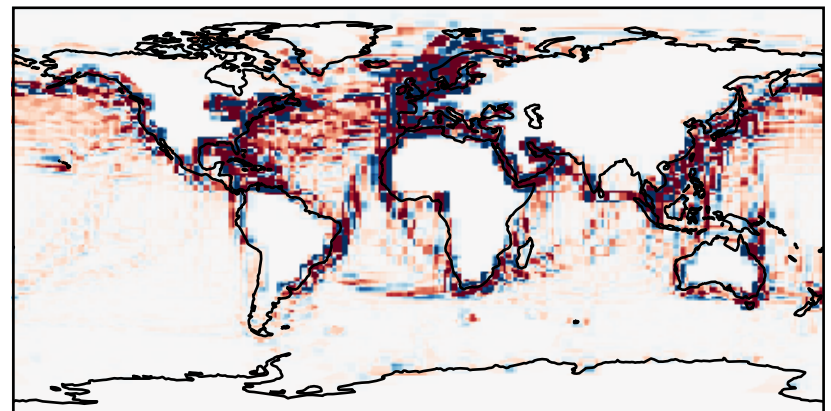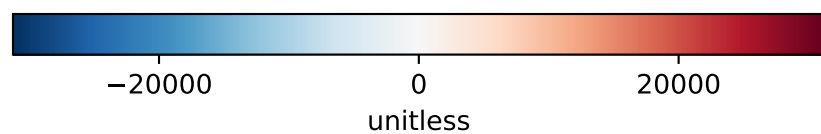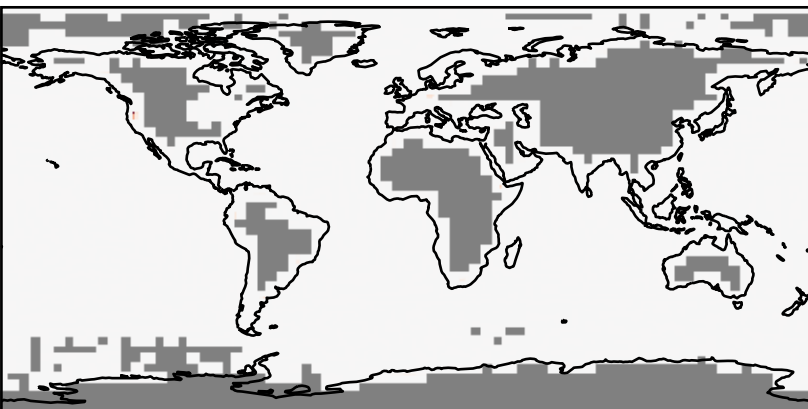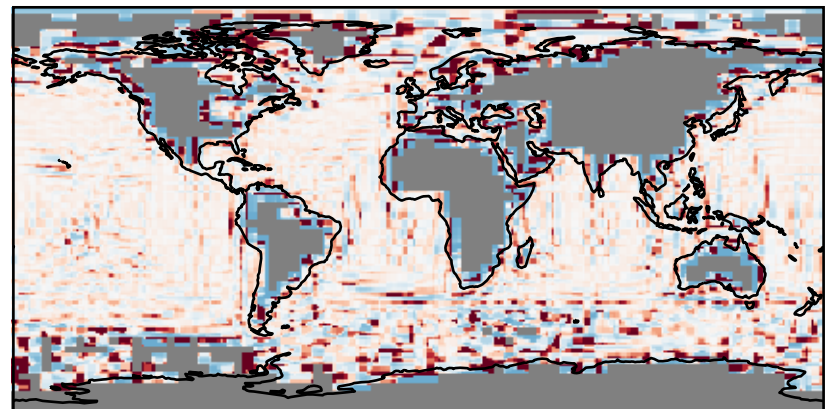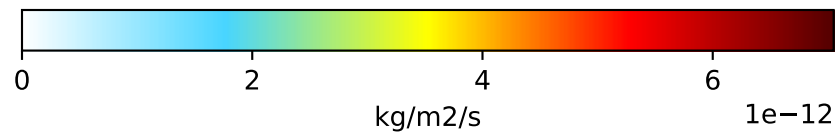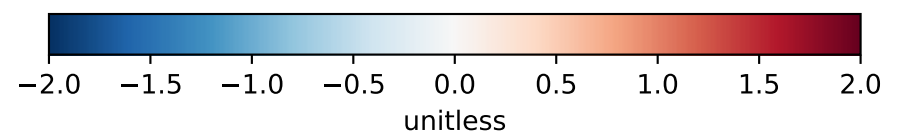
Fractional Difference (1x1.25)
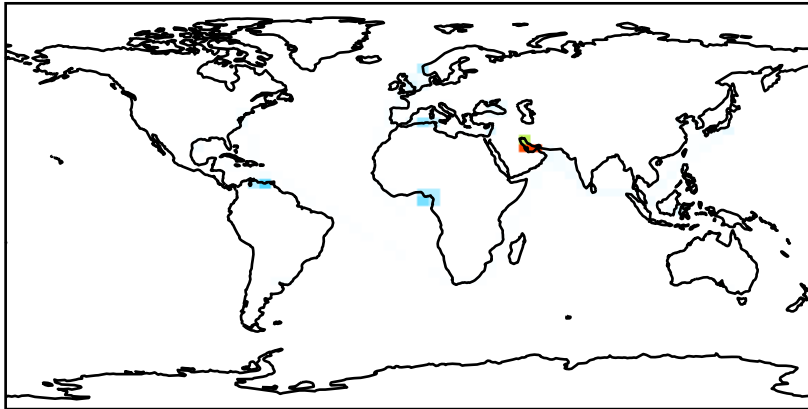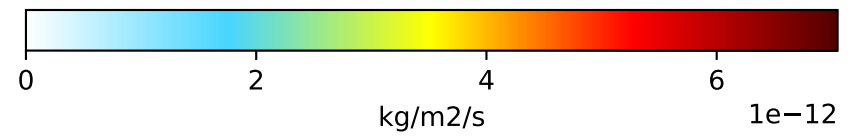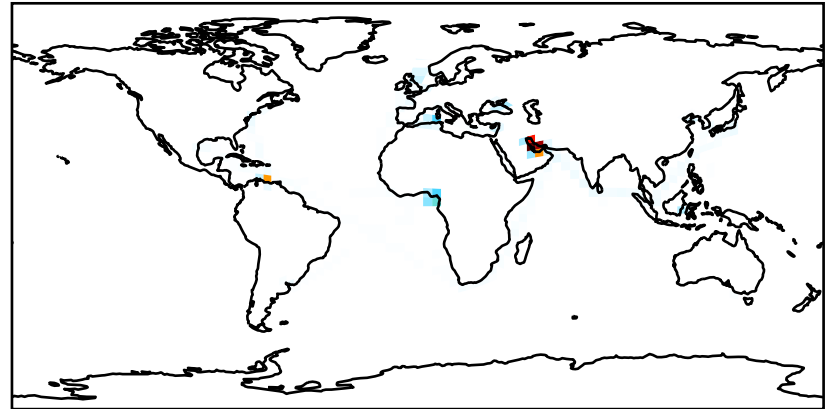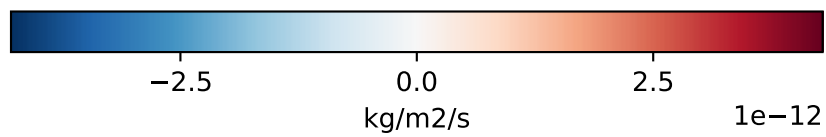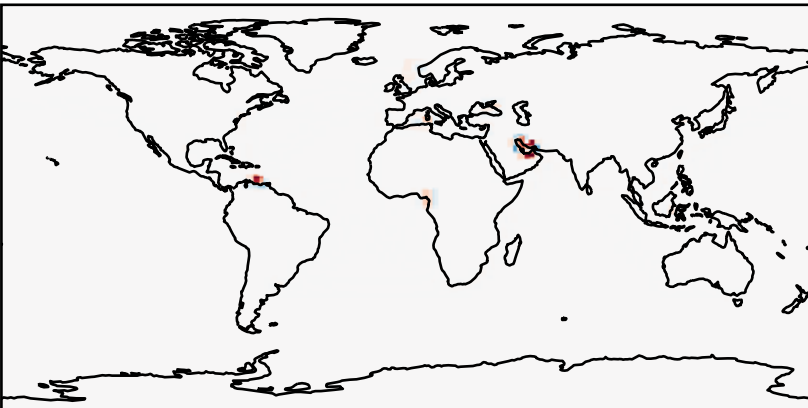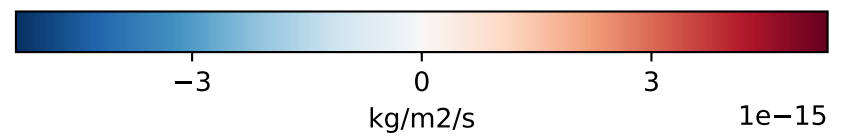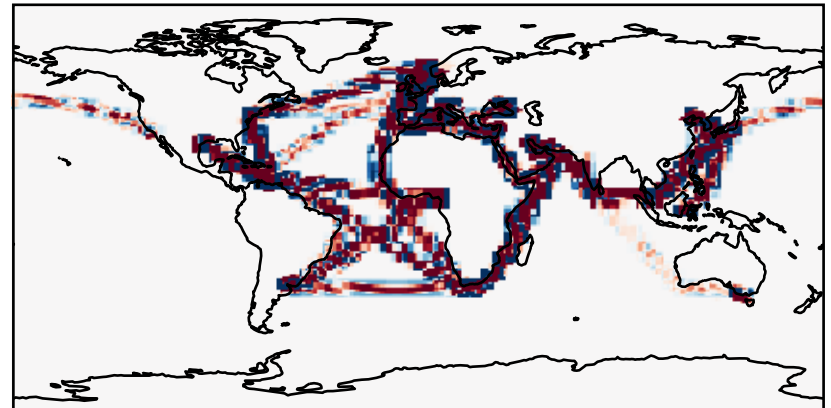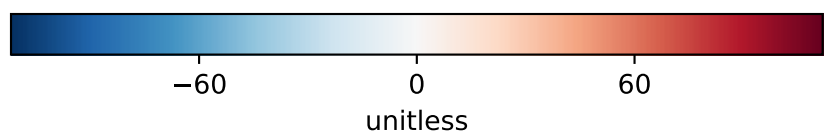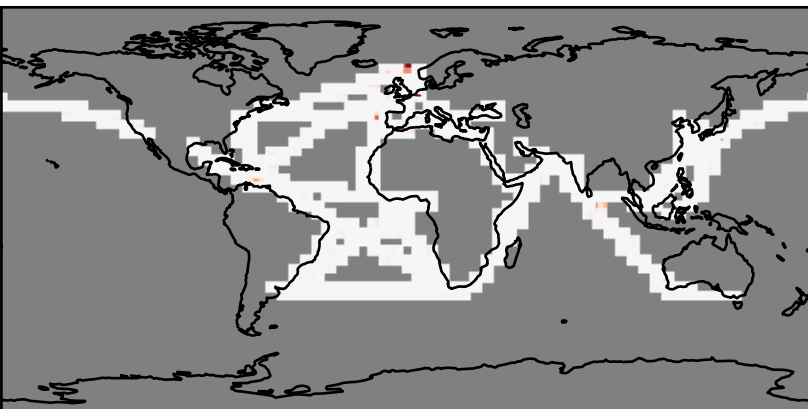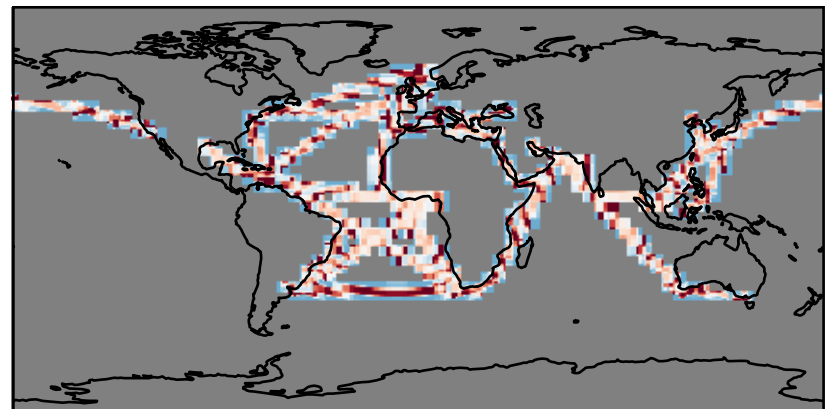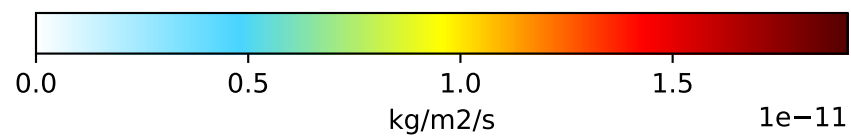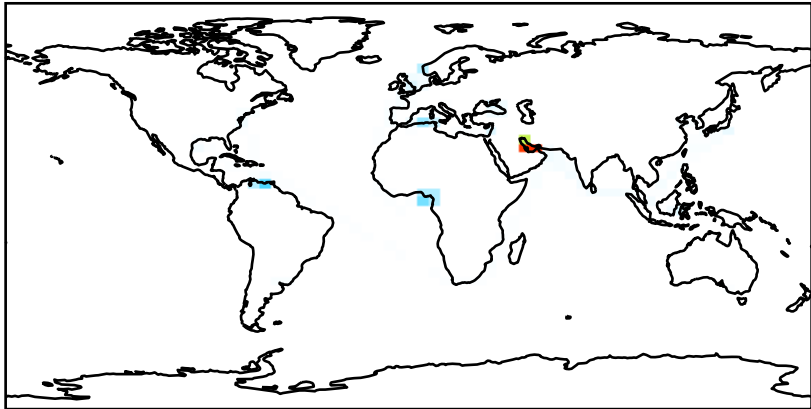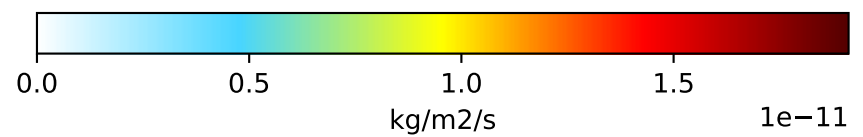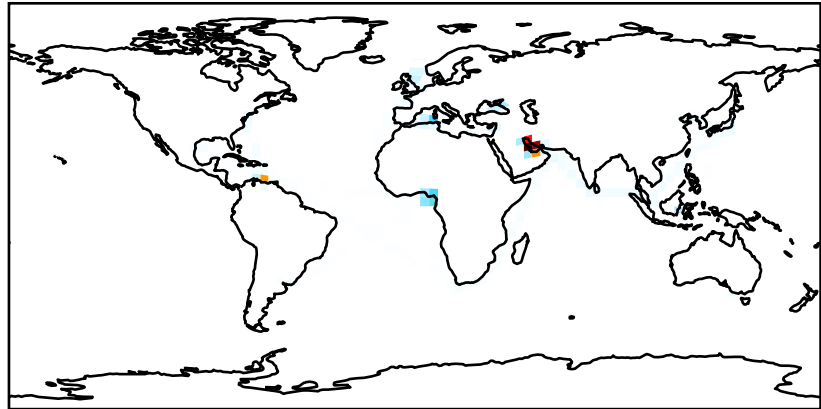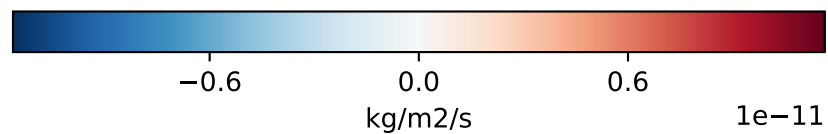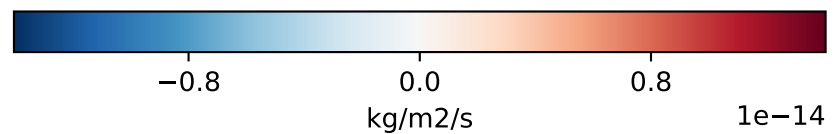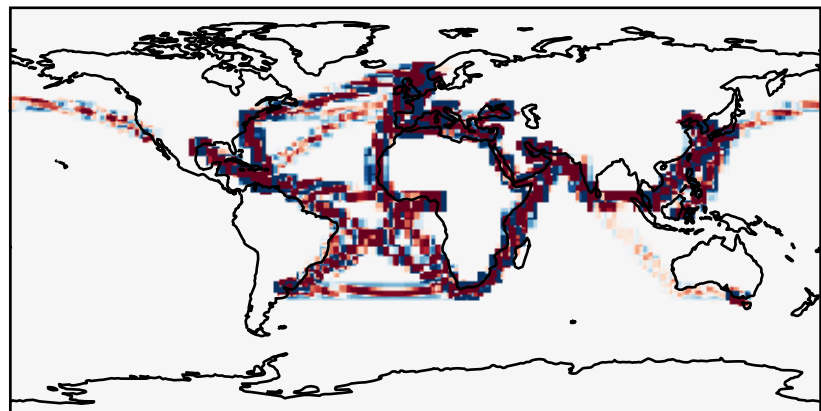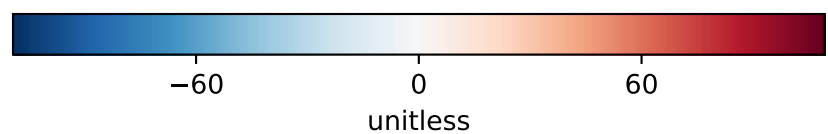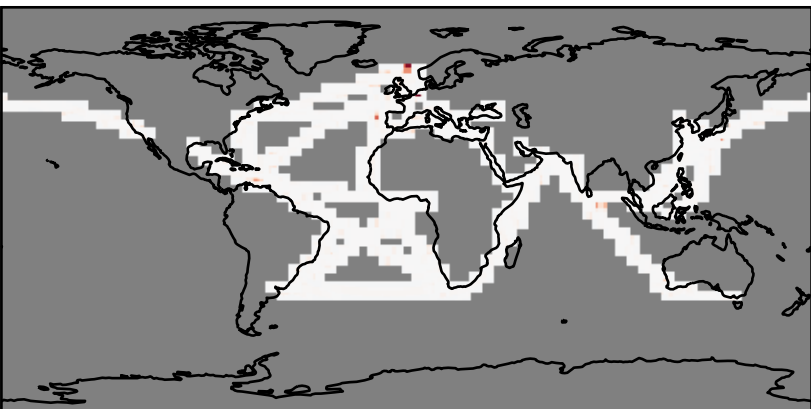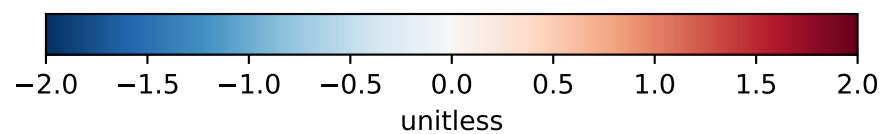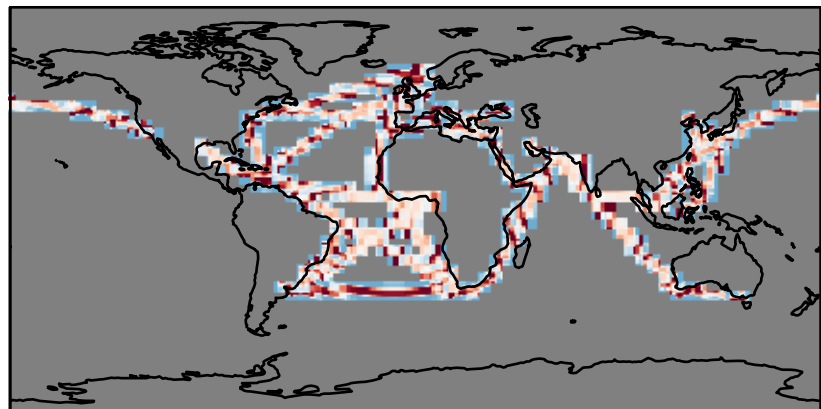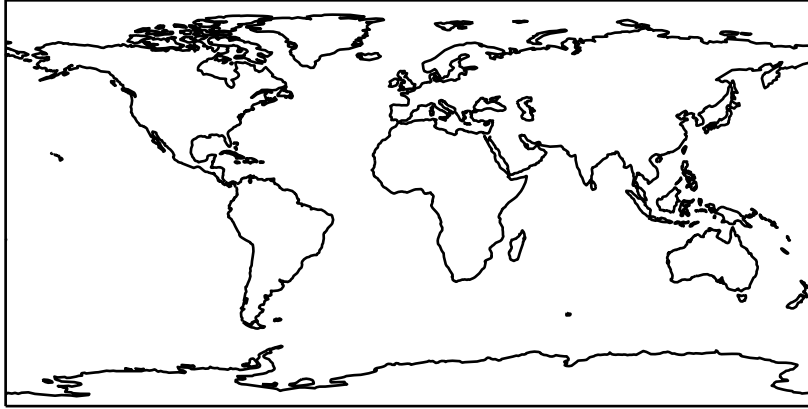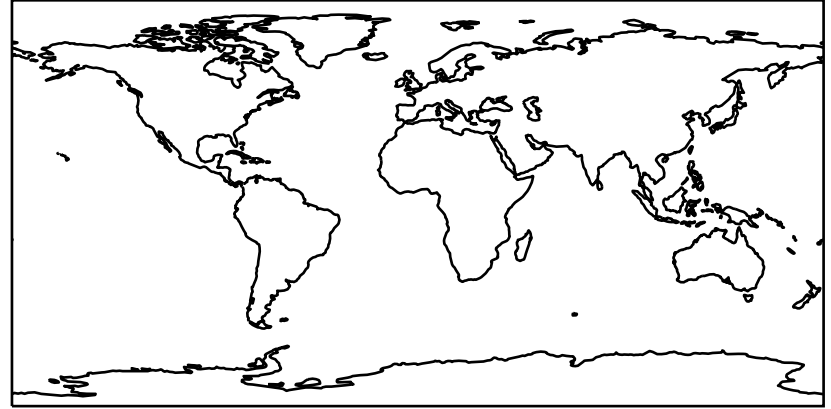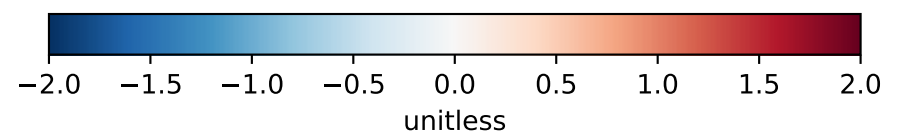(Dev-Ref)/Ref, Fixed Range

unitless

EmisC3H8_Ship

EmisCH2O_Ship

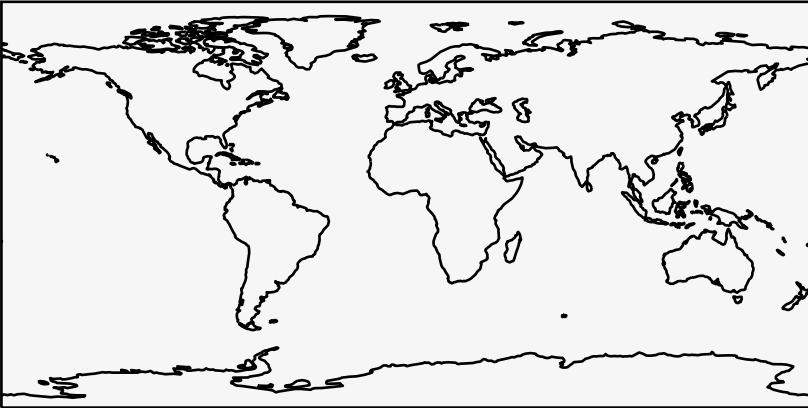# EmisCH4_Ship

GC_12.5.0 (Ref)
4x5

Zero throughout domain
kg/m2/s

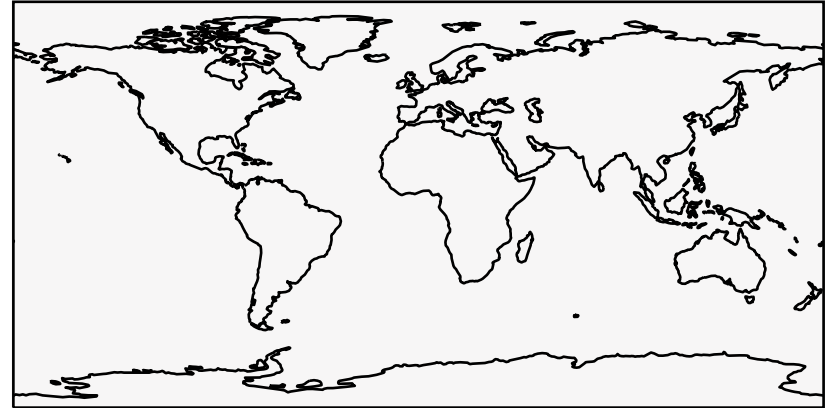## GCHP_12.5.0_c24 (Dev)
c24

Zero throughout domain
kg/m2/s

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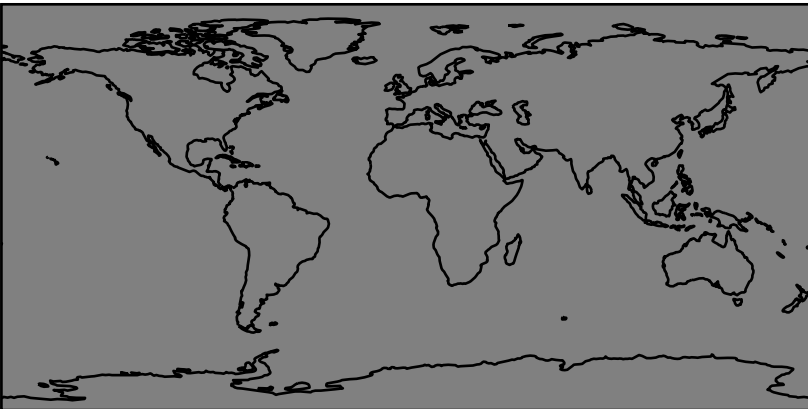### Dev - Ref, Dynamic Range

Zero throughout domain
kg/m2/s

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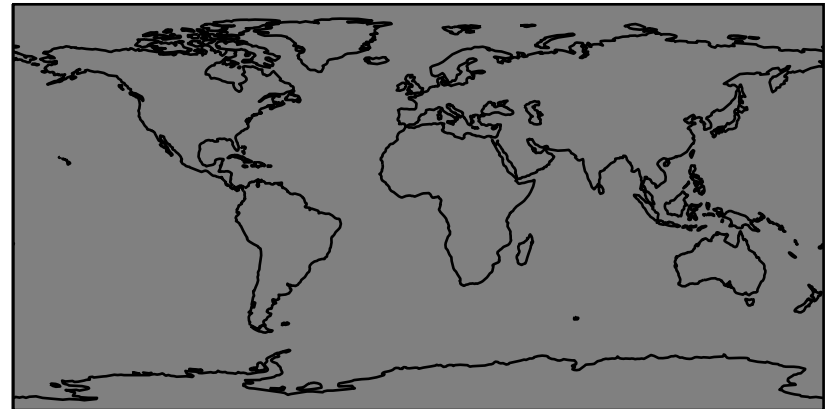### Dev - Ref, Restricted Range [5%,95%]

Zero throughout domain
kg/m2/s

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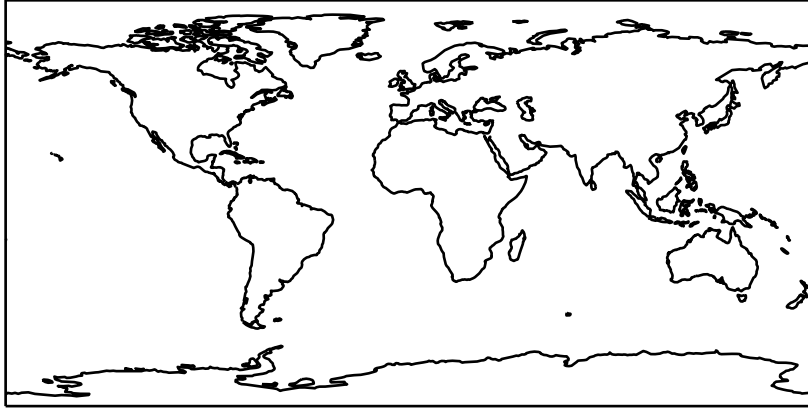### (Dev-Ref)/Ref, Dynamic Range

Undefined throughout domain
unitless

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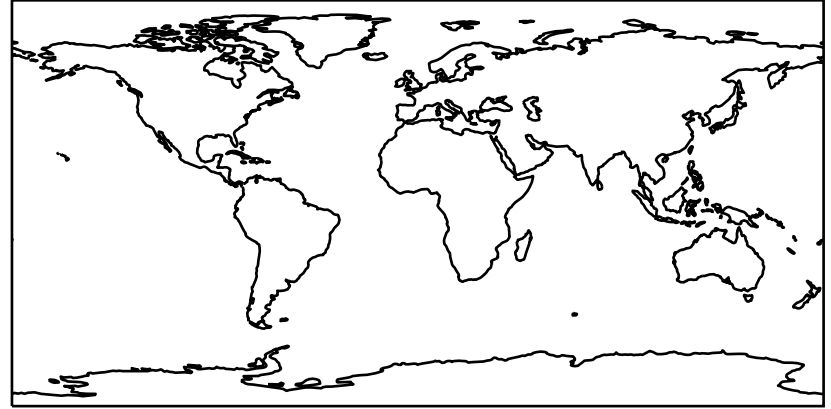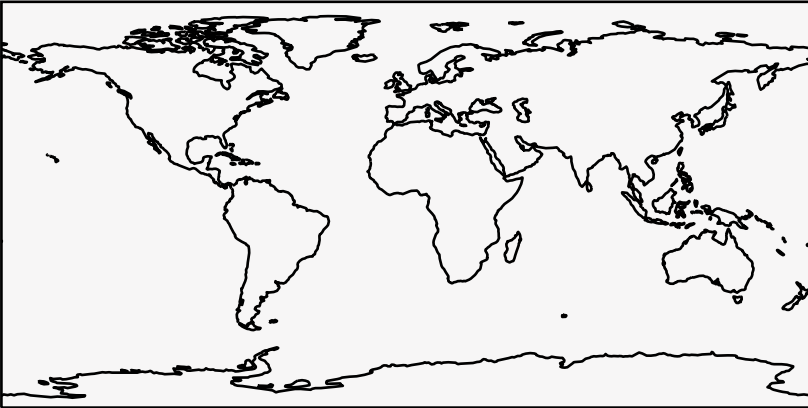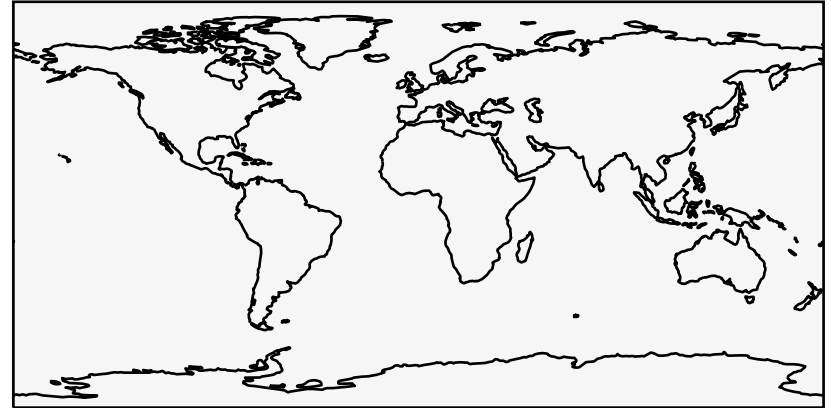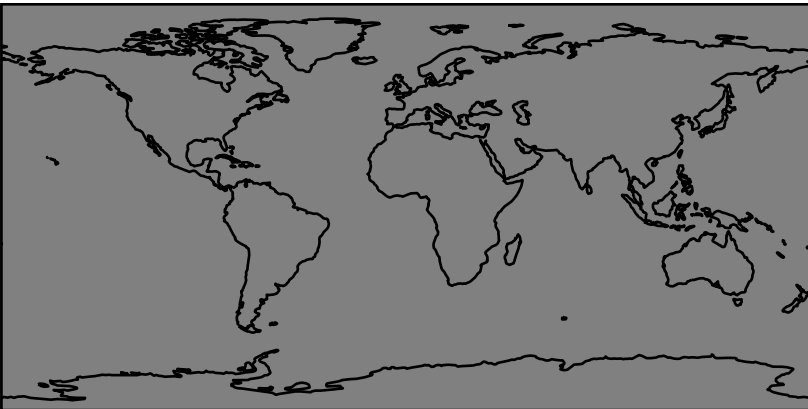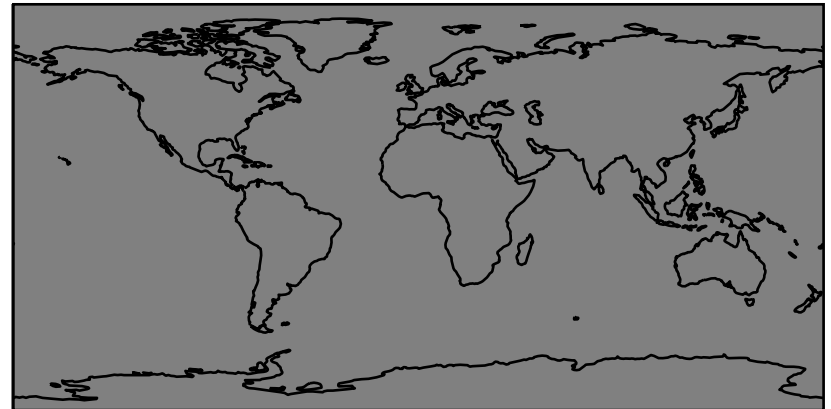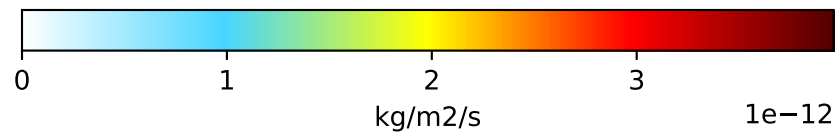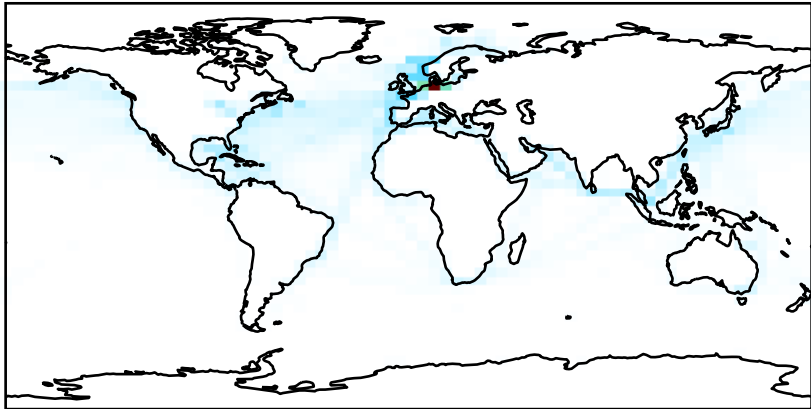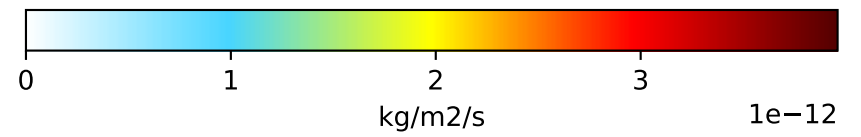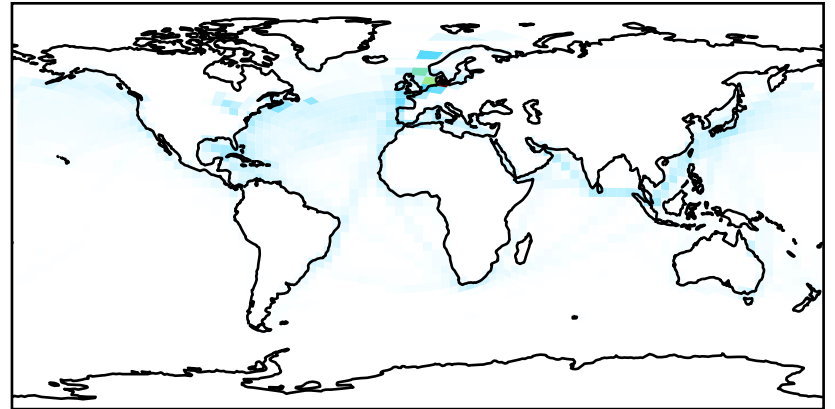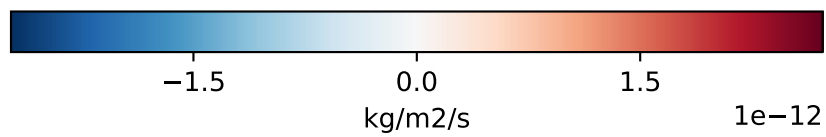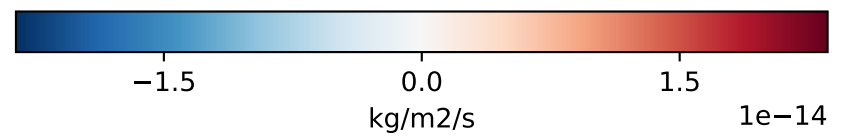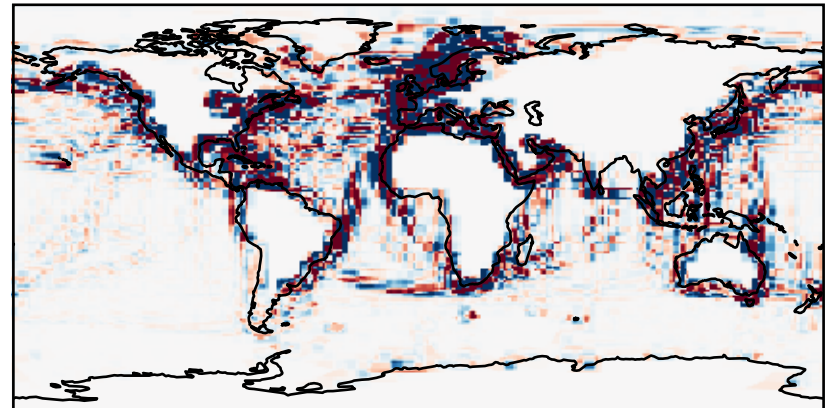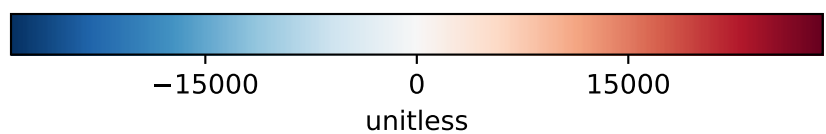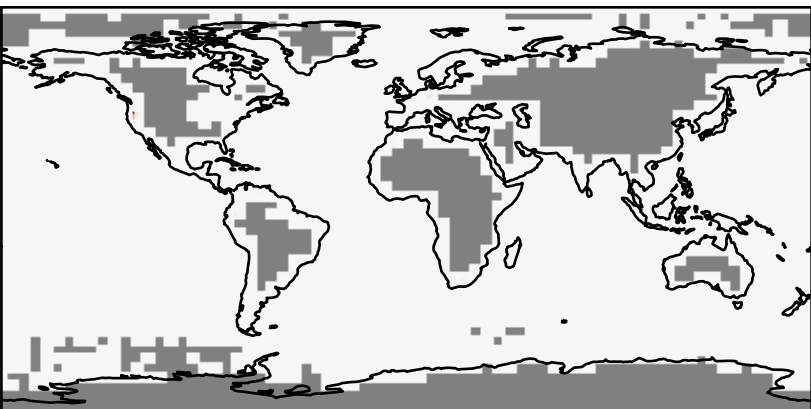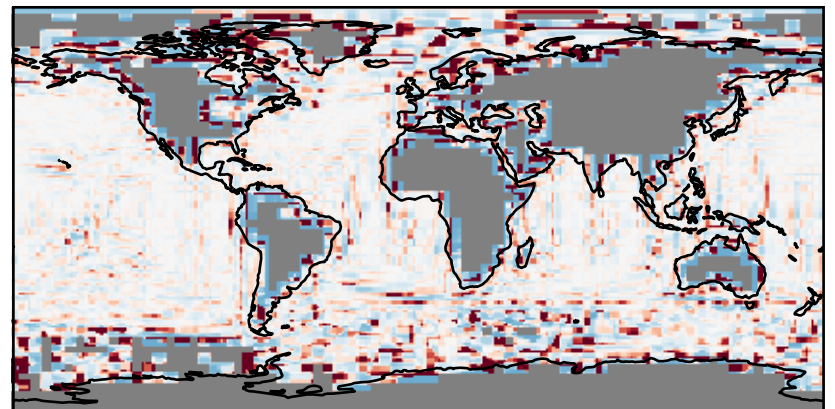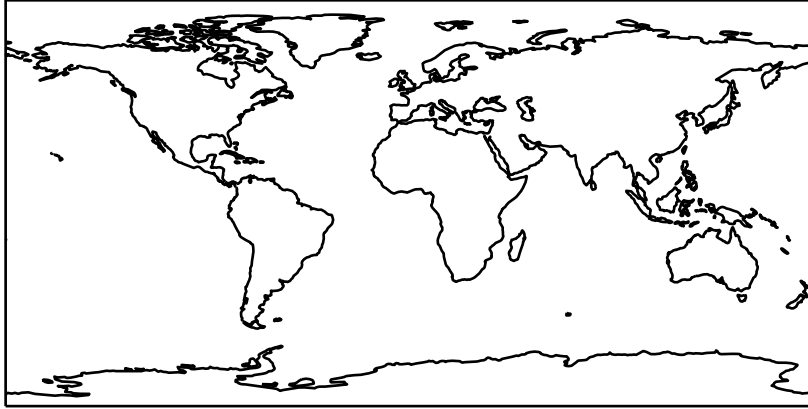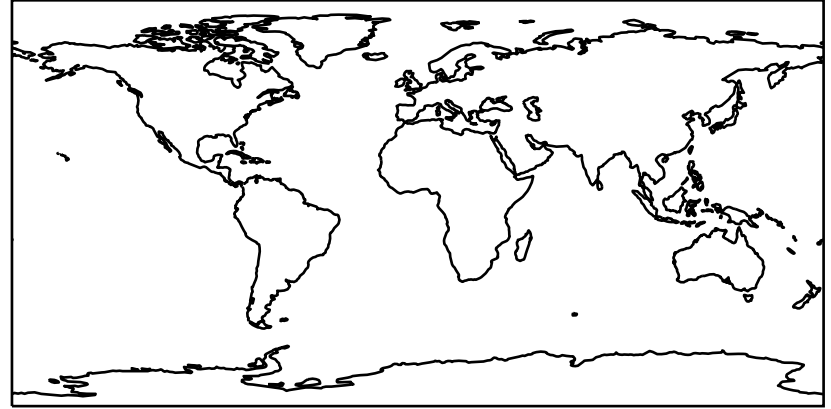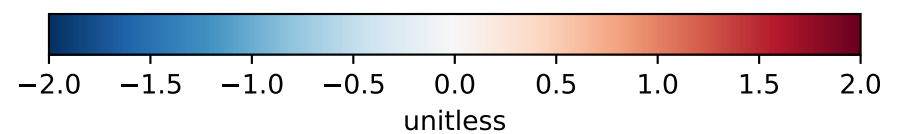

Undefined throughout domain
unitless

EmisCO_Ship

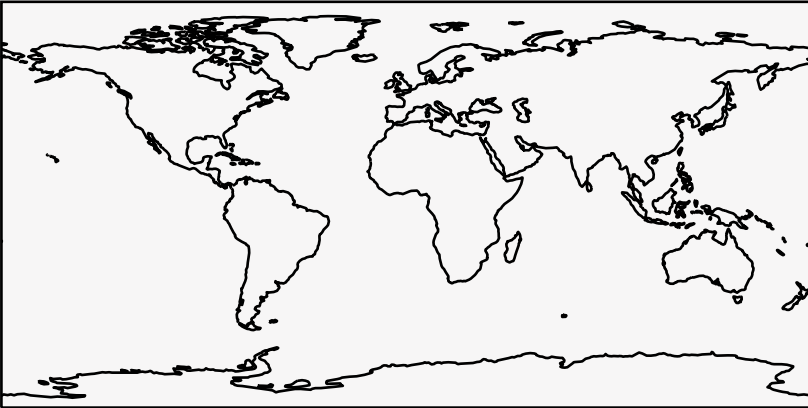# EmisEOH_Ship

GC_12.5.0 (Ref)
4x5

Zero throughout domain
kg/m2/s

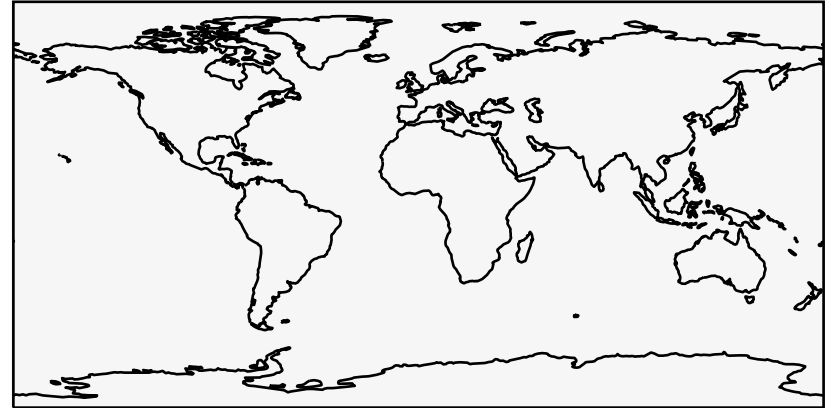### GCHP_12.5.0_c24 (Dev)
c24

Zero throughout domain
kg/m2/s

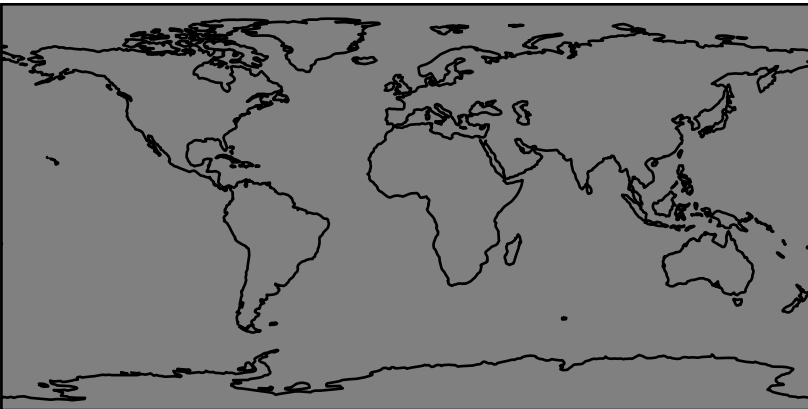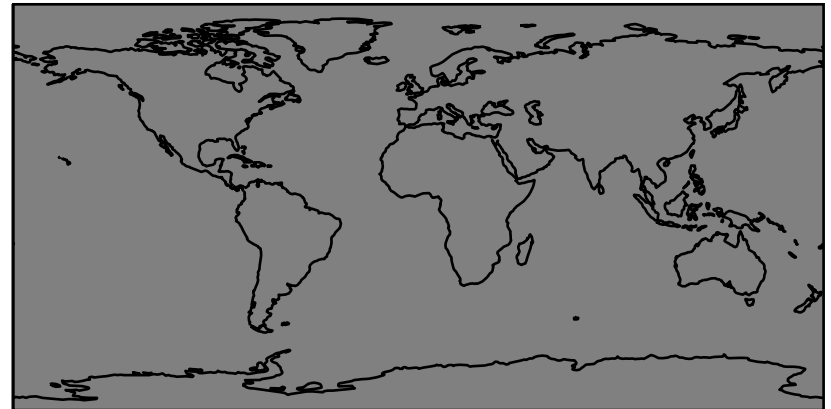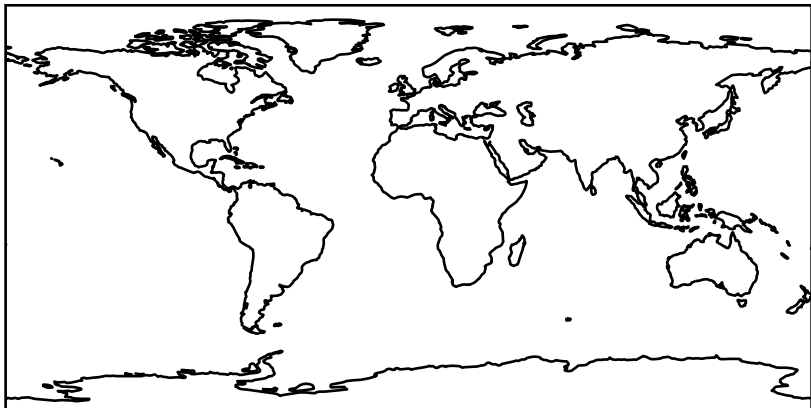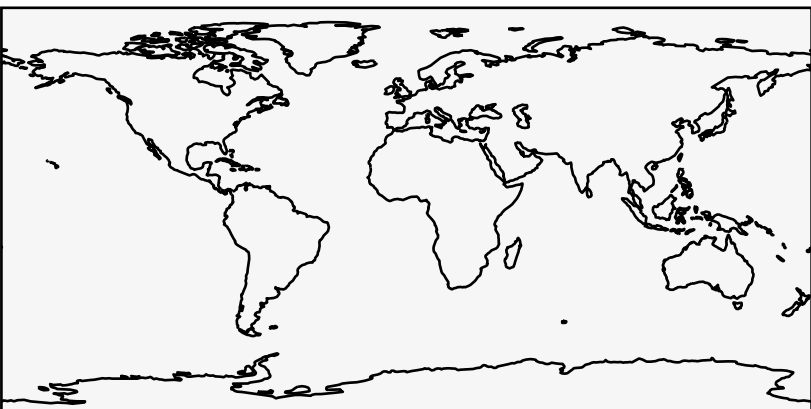### Difference (1x1.25)
Dev - Ref, Dynamic Range

Zero throughout domain
kg/m2/s

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

Zero throughout domain
kg/m2/s

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

Undefined throughout domain
unitless

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

Undefined throughout domain
unitless

EmisHCOOH_Ship

GC_12.5.0 (Ref)
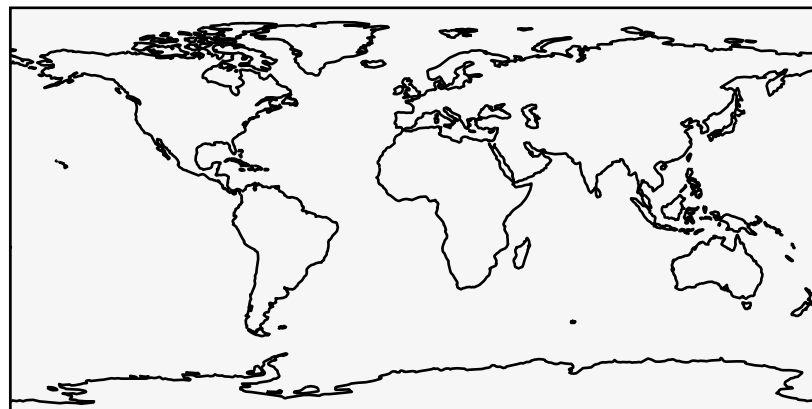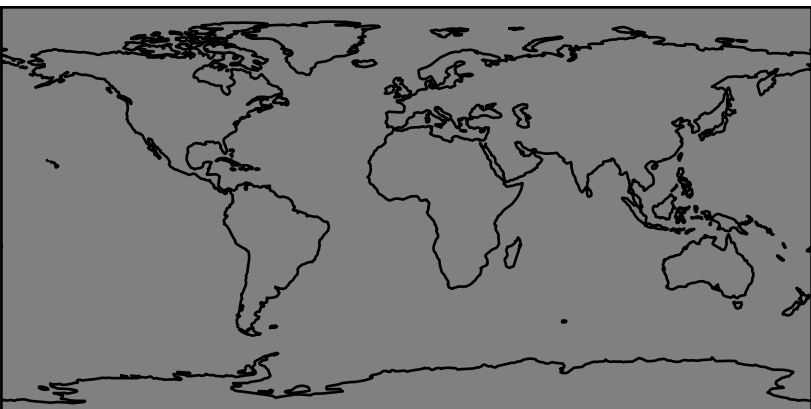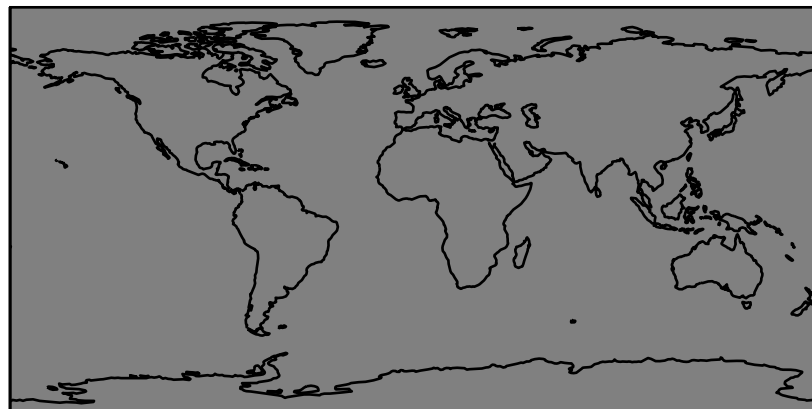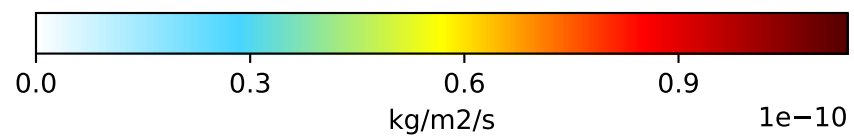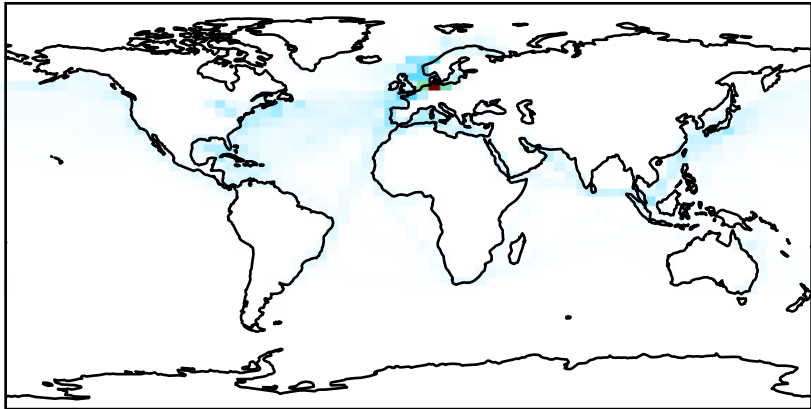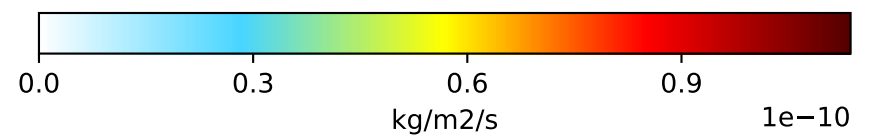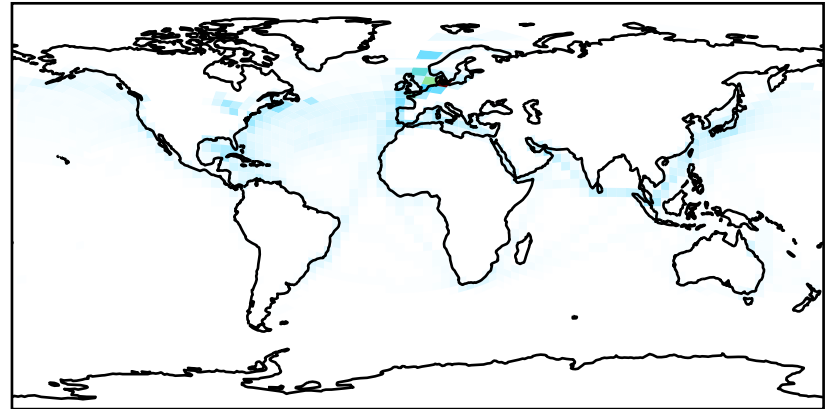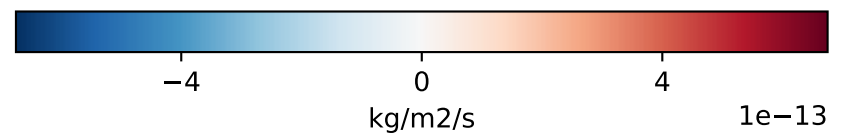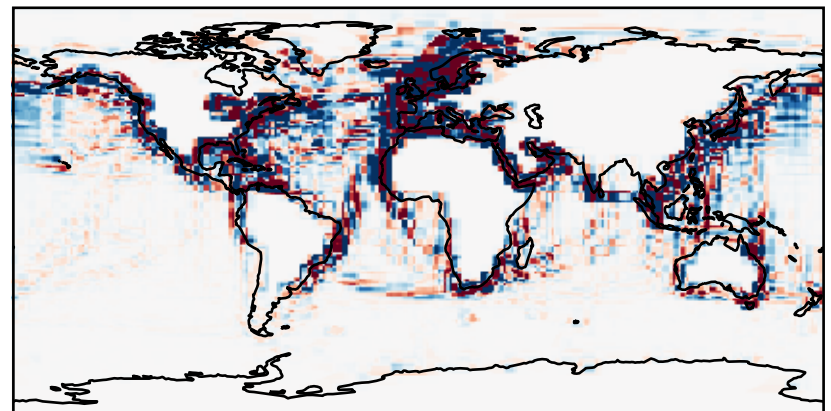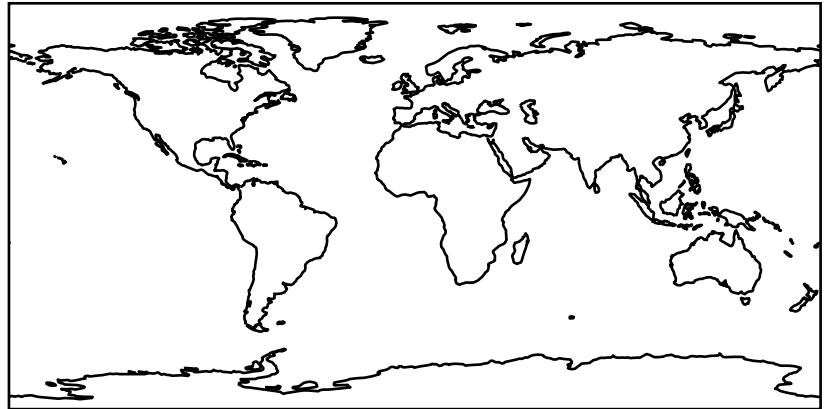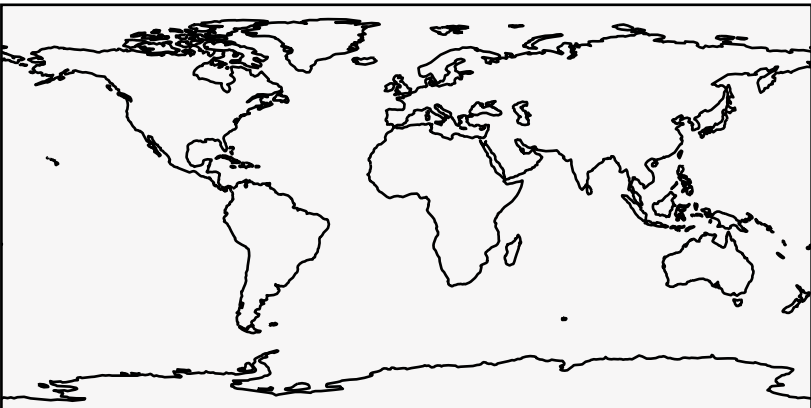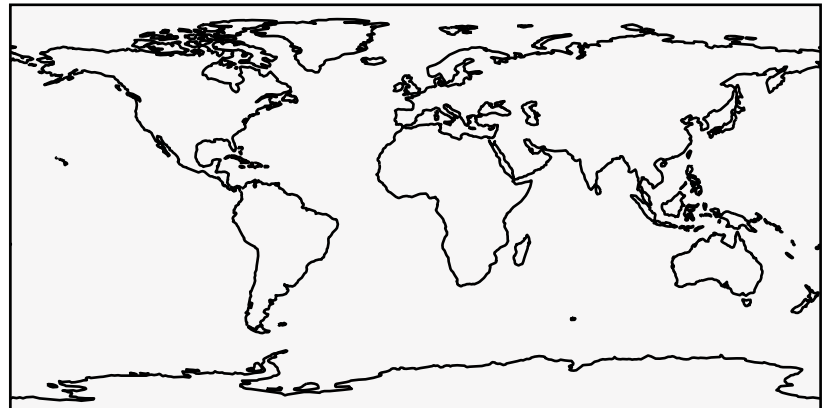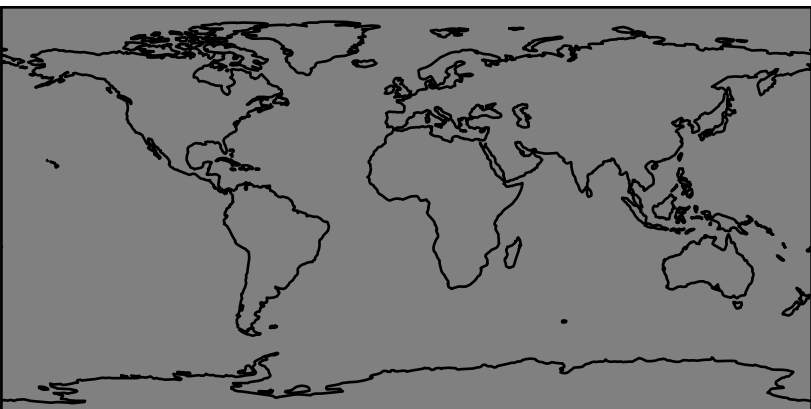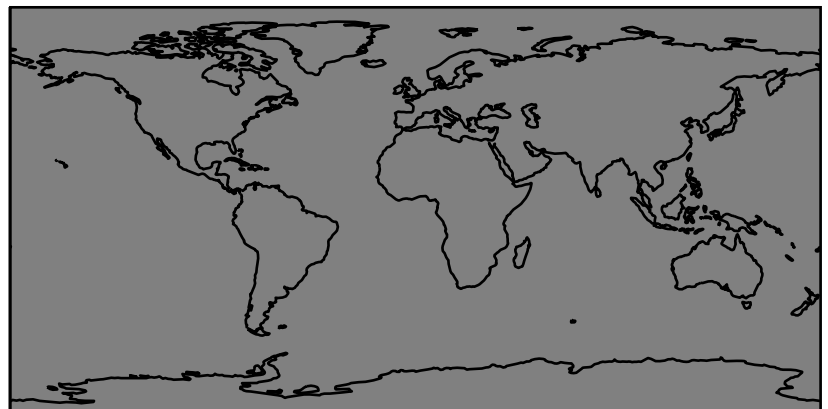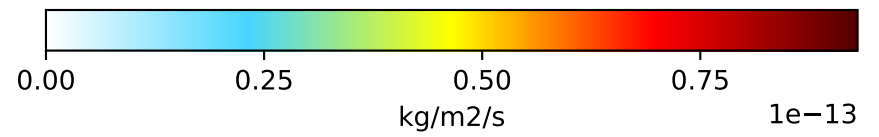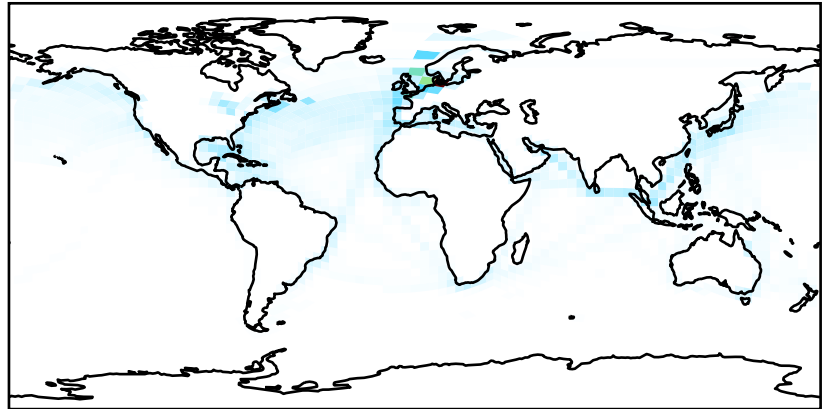### 4x5

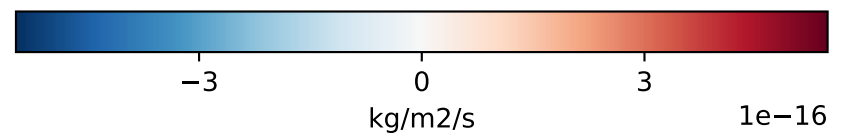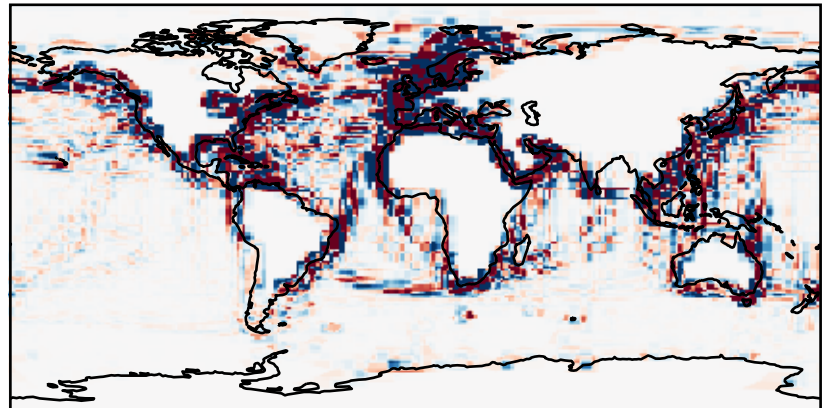

Zero throughout domain
kg/m2/s

GCHP_12.5.0_c24 (Dev)
c24

Zero throughout domain
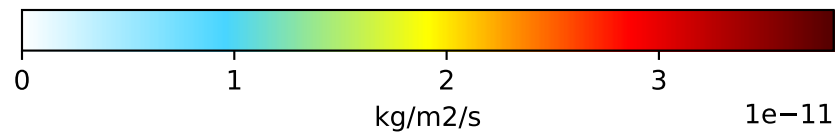kg/m2/s

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

Zero throughout domain
kg/m2/s

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

Zero throughout domain
kg/m2/s

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

Undefined throughout domain
unitless

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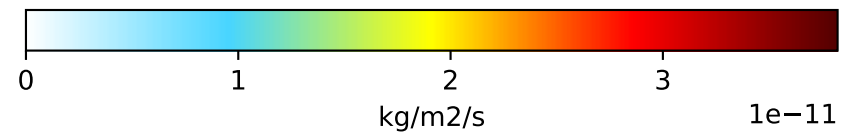### (Dev-Ref)/Ref, Fixed Range

Undefined throughout domain
unitless

EmisHNO3_Ship

EmisMEK_Ship

GC_12.5.0 (Ref)
4x5
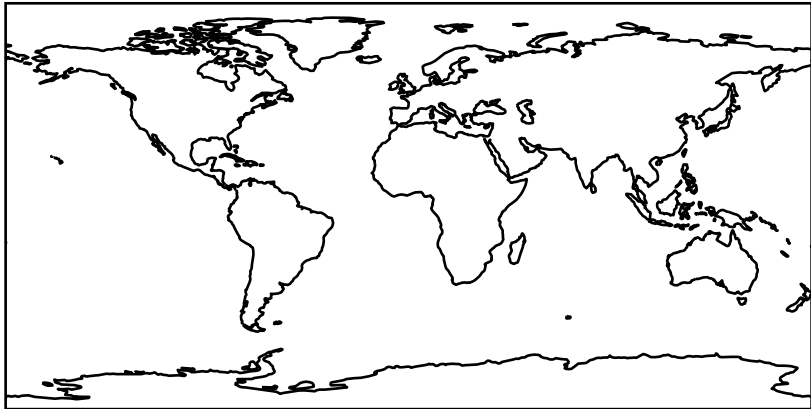
GCHP_12.5.0_c24 (Dev)
c24

Zero throughout domain
kg/m2/s

Zero throughout domain
kg/m2/s

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

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

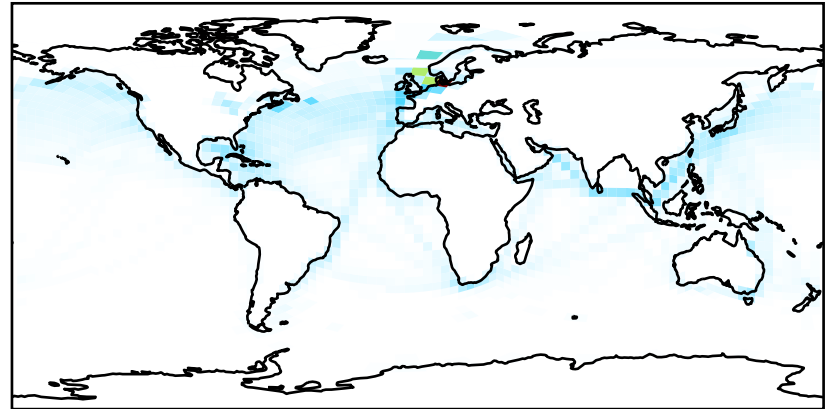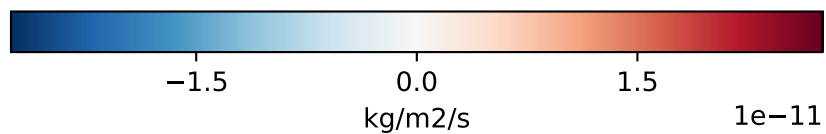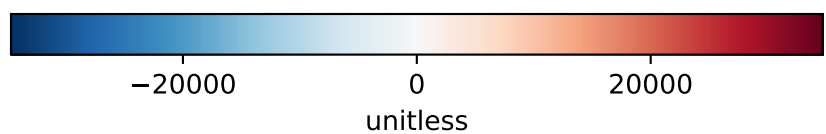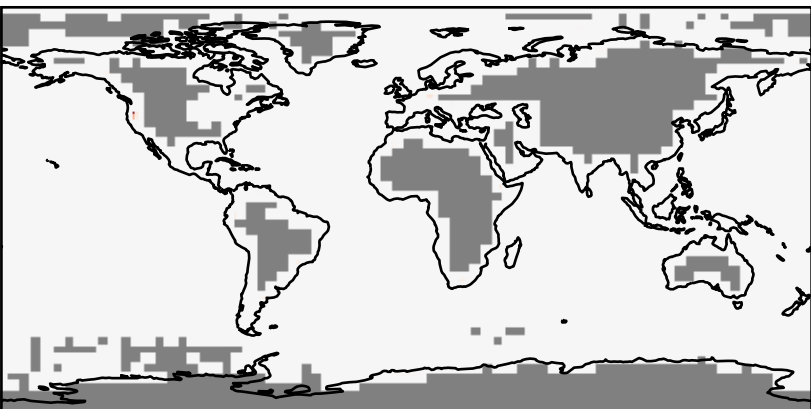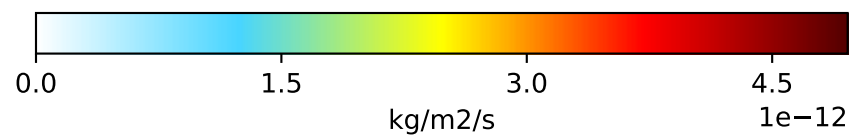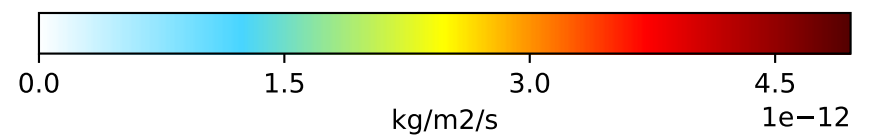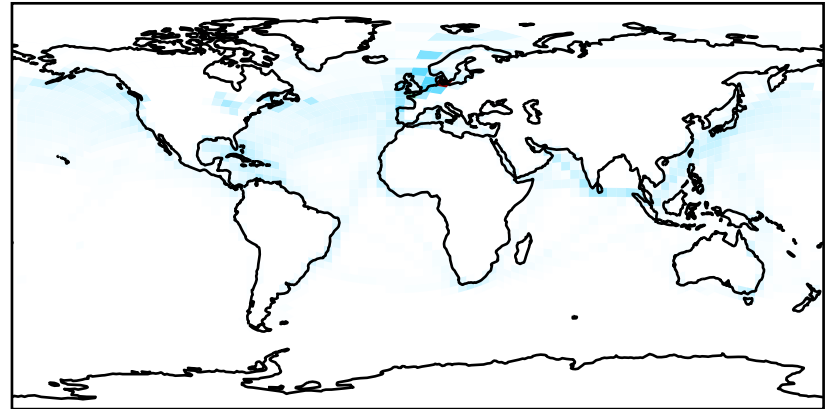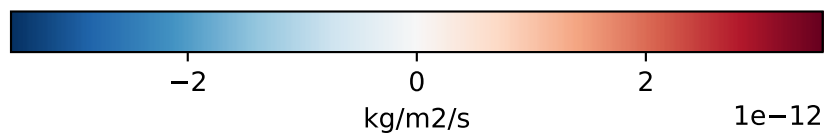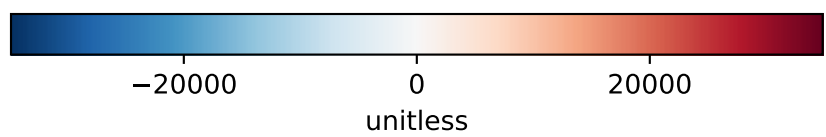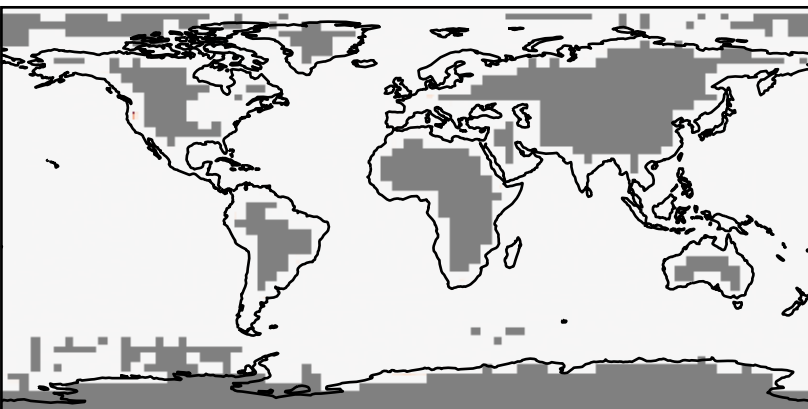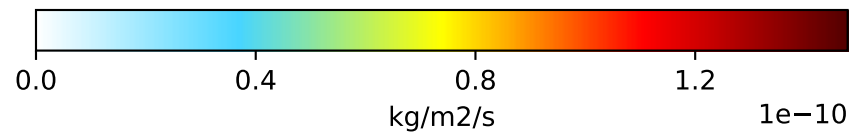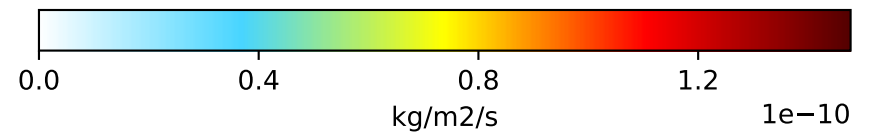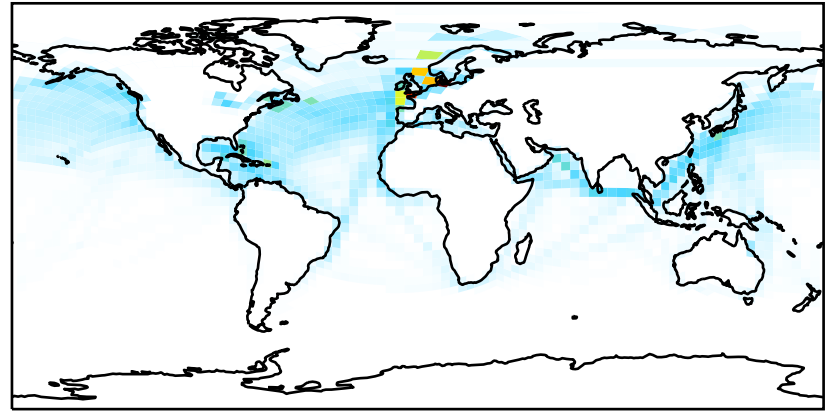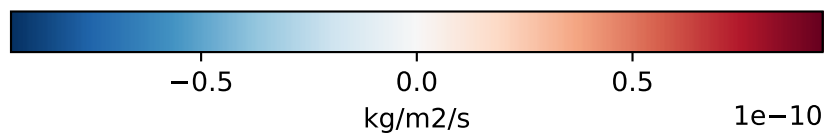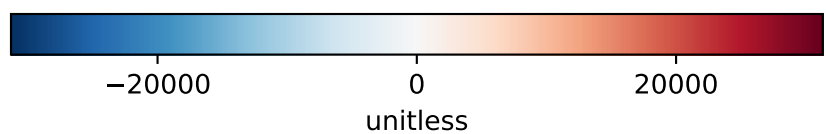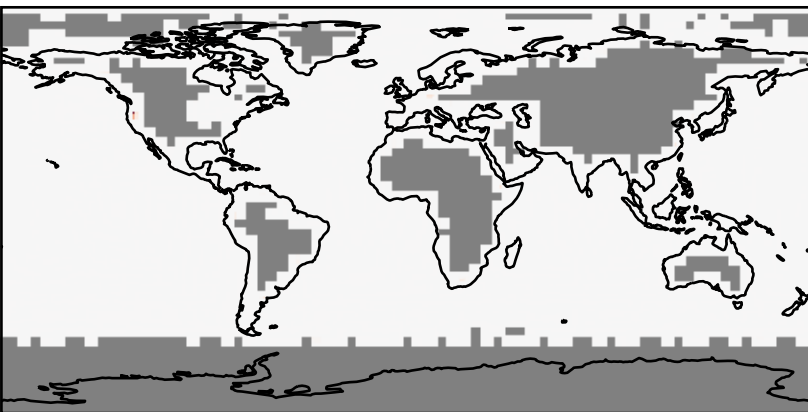Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

Undefined throughout domain
unitless

Undefined throughout domain
unitless

EmisNH3_Ship

GC_12.5.0 (Ref)
4x5

GCHP_12.5.0_c24 (Dev)
c24

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

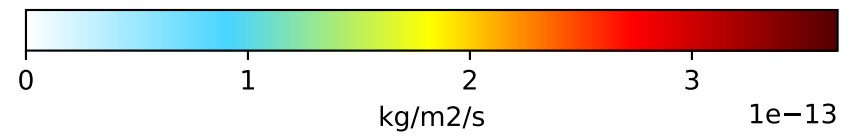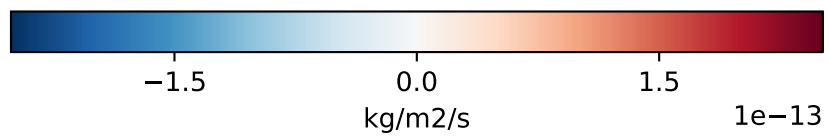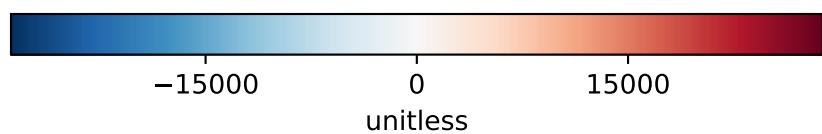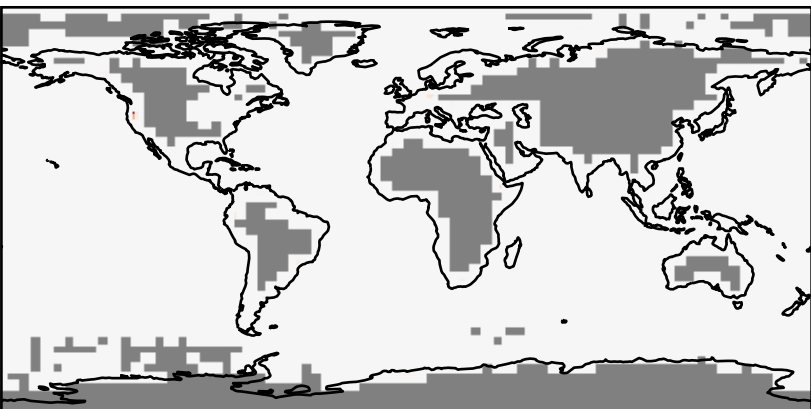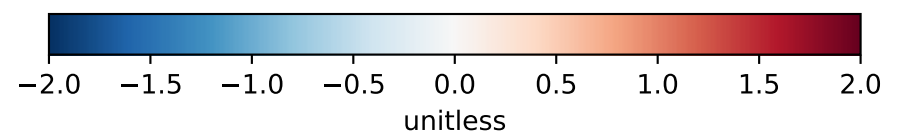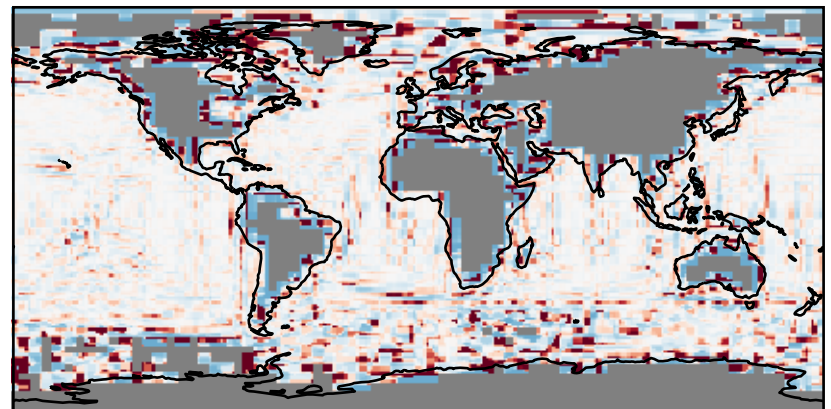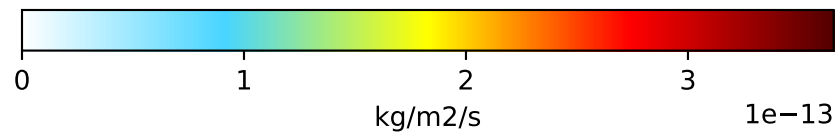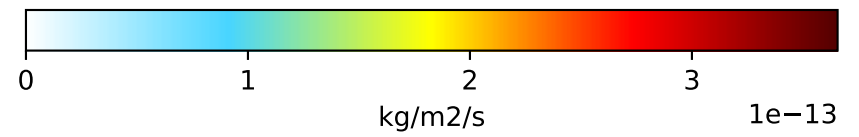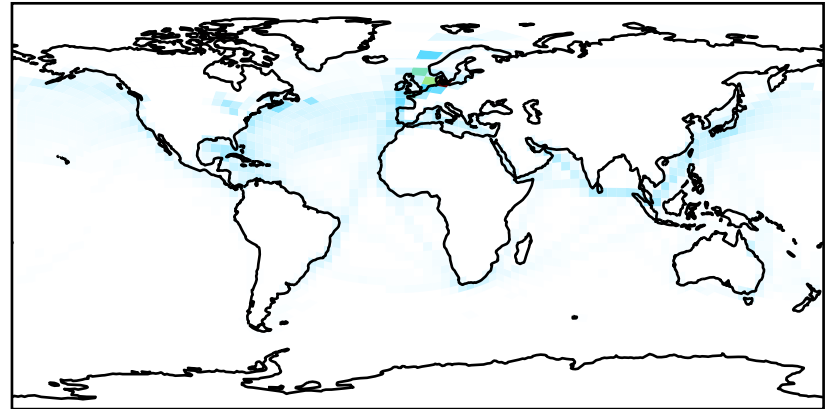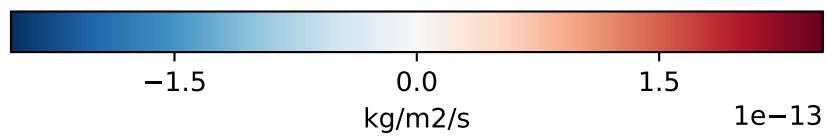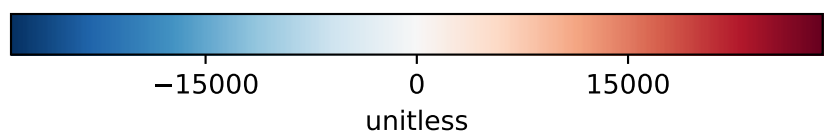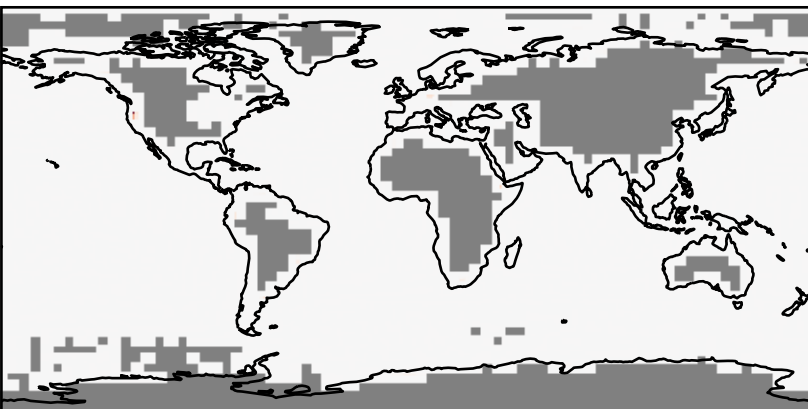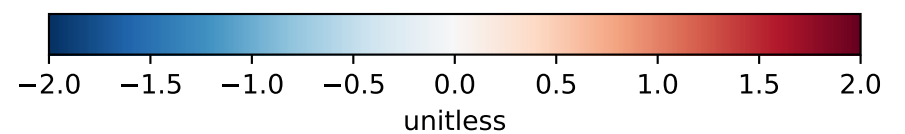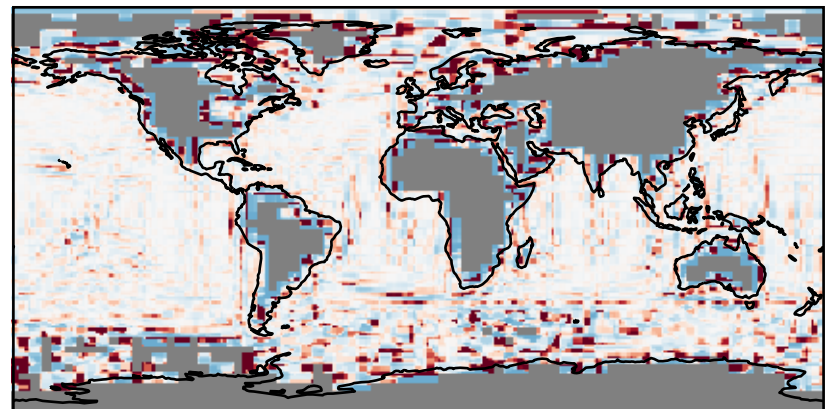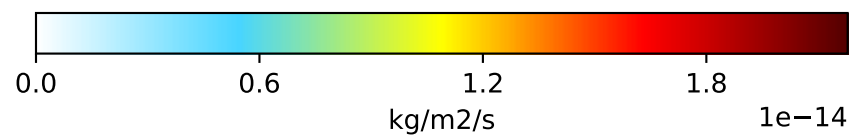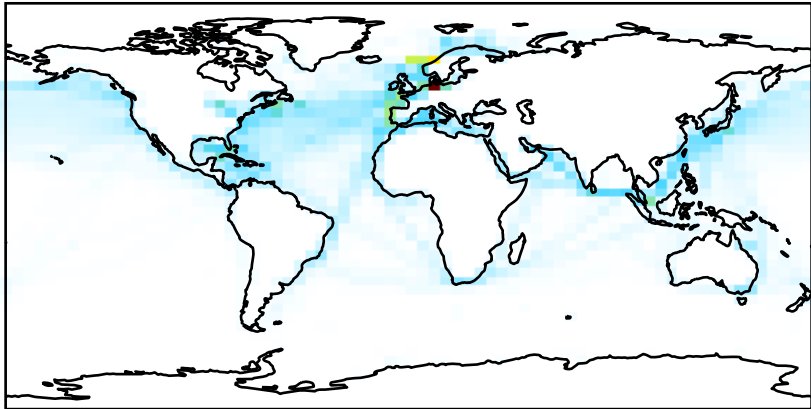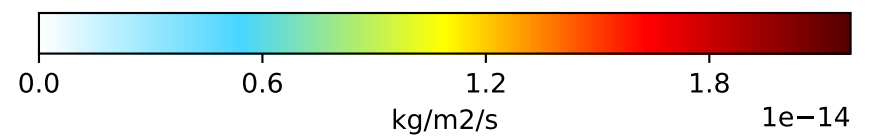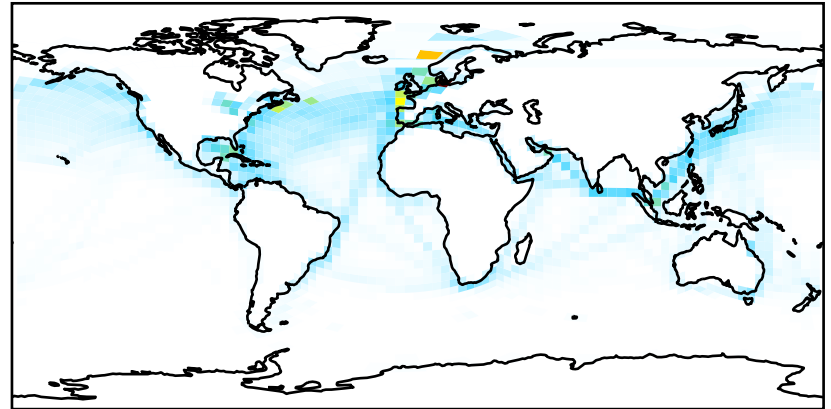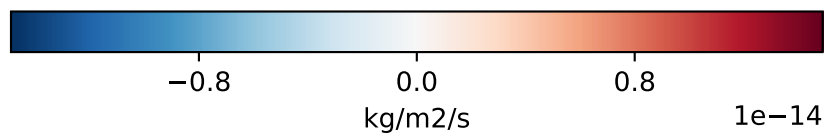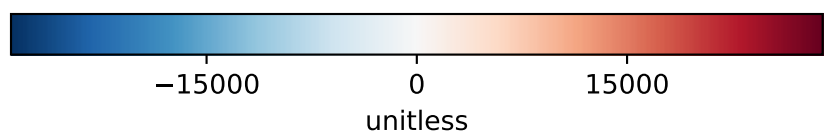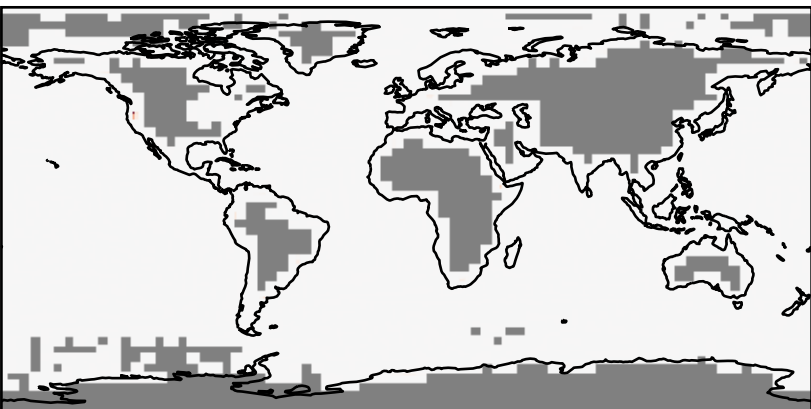Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

unitless

unitless

EmisNO2_Ship

EmisNO_Ship
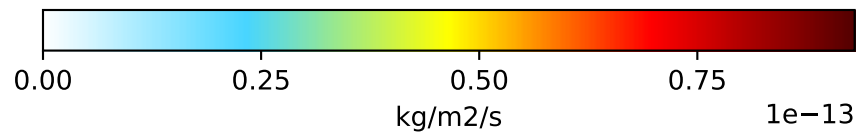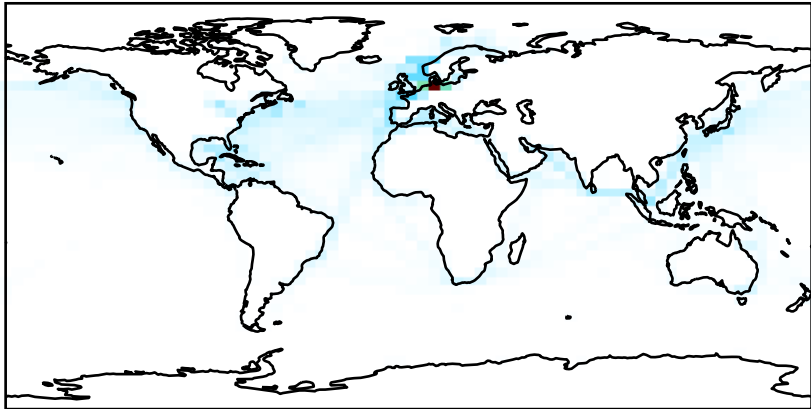
GC_12.5.0 (Ref)
4x5
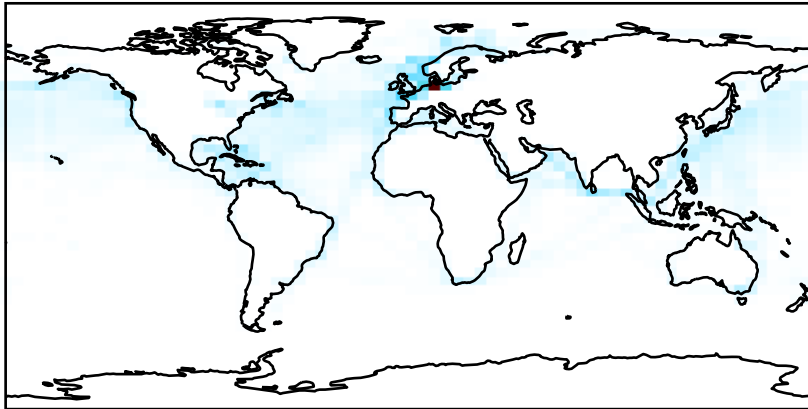
GCHP_12.5.0_c24 (Dev)
c24

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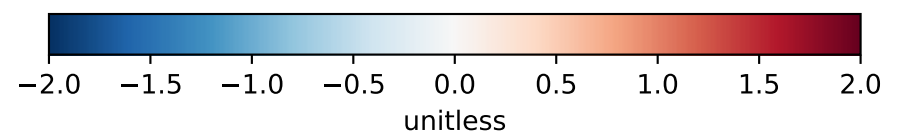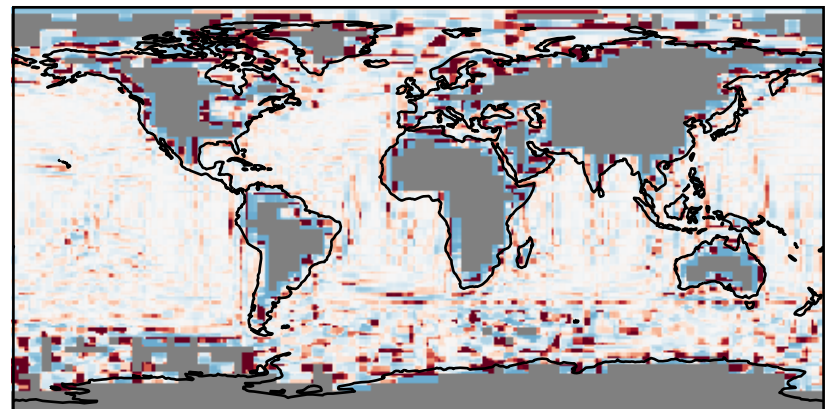Dev - Ref, Dynamic Range

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

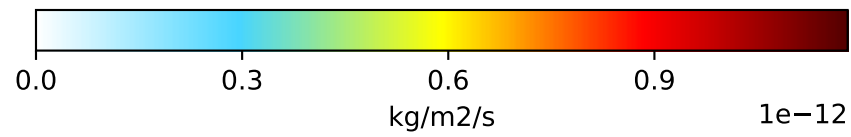Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range
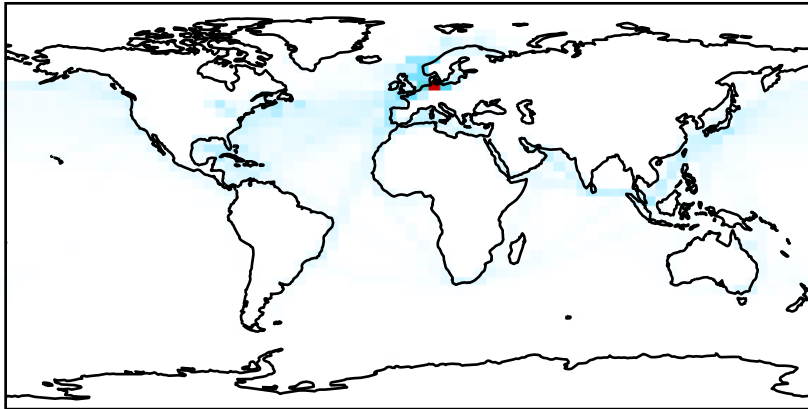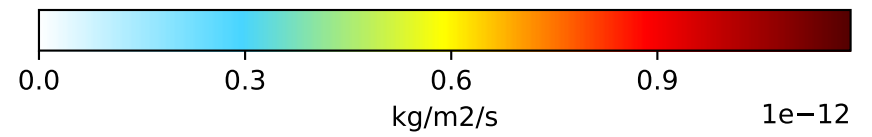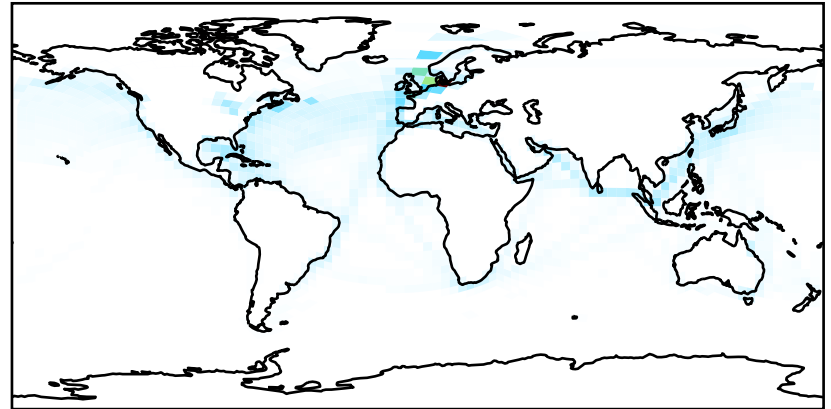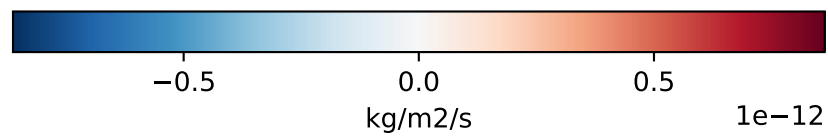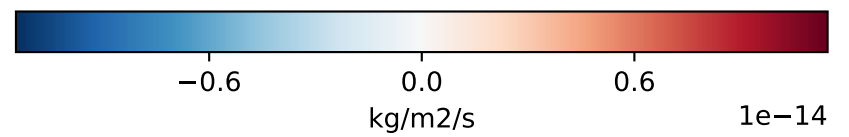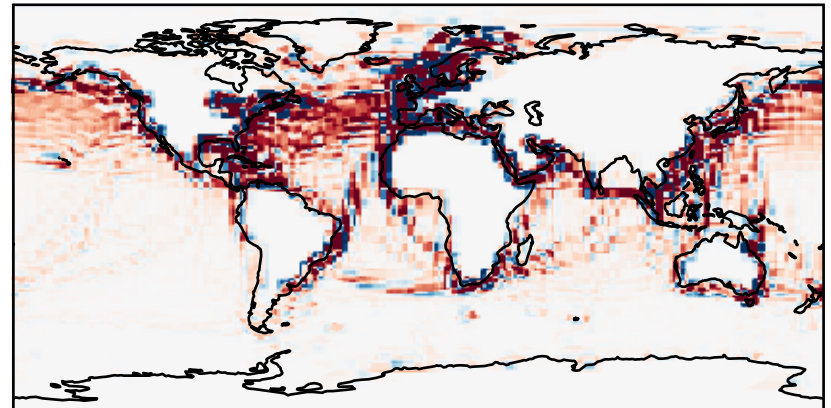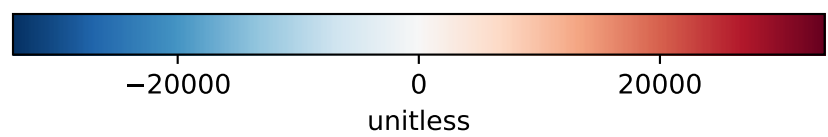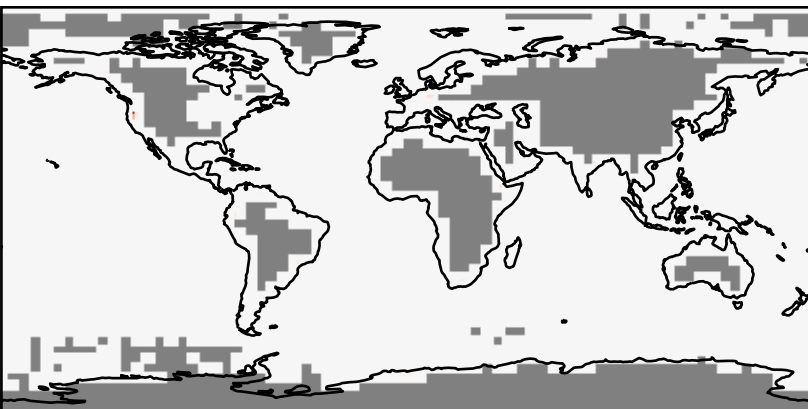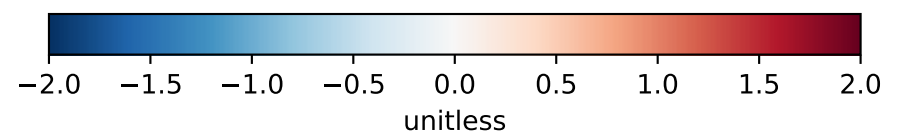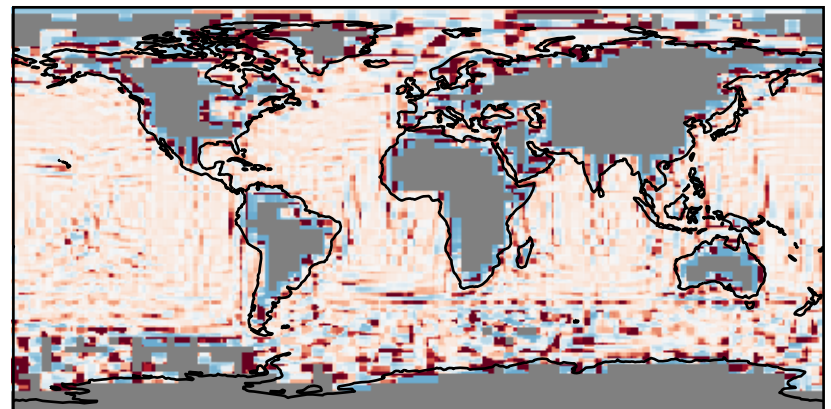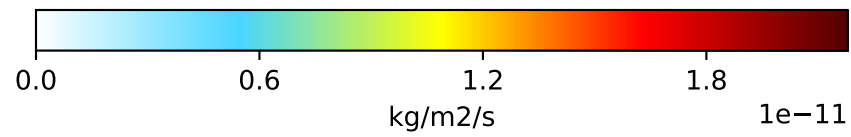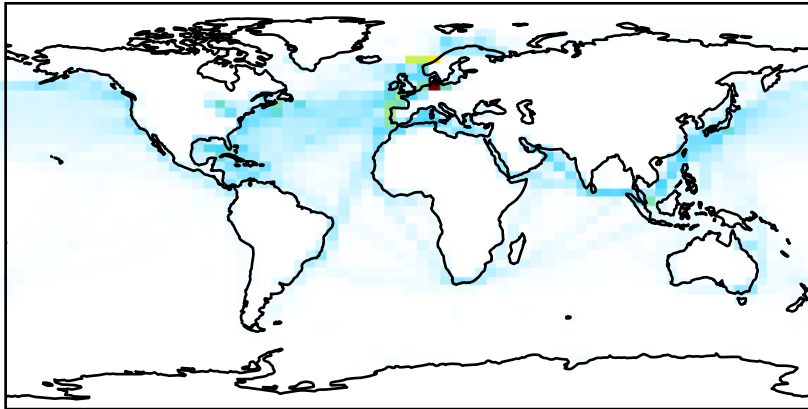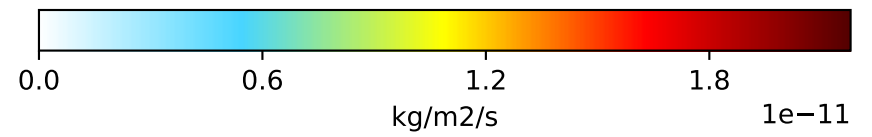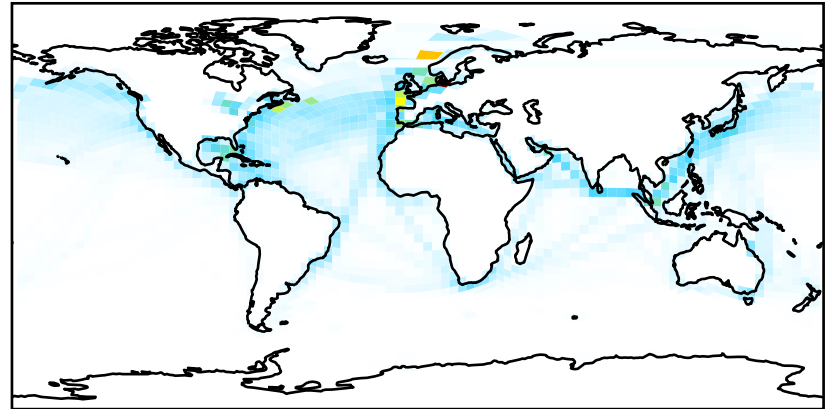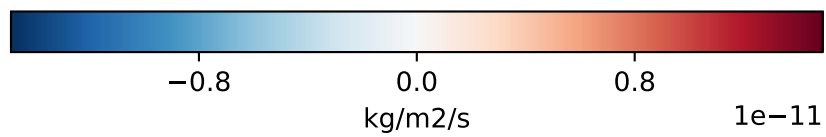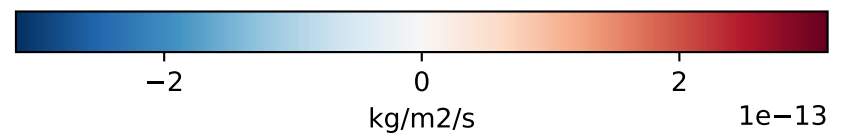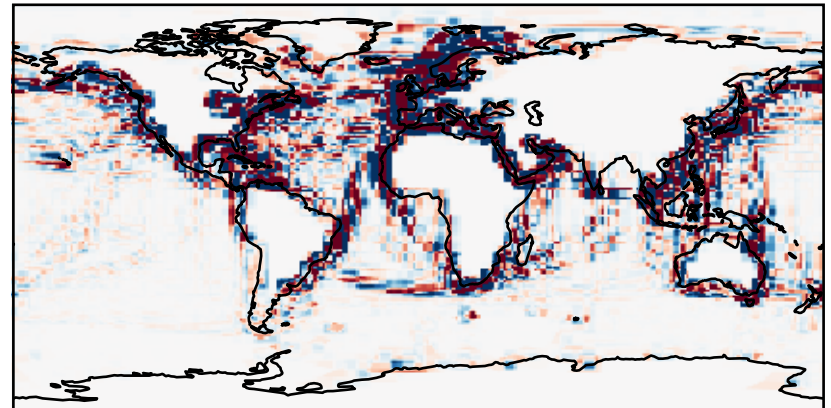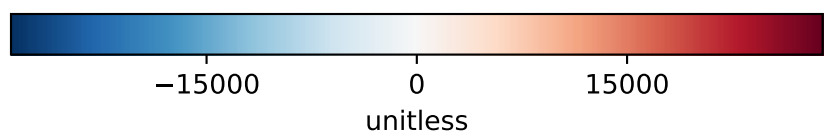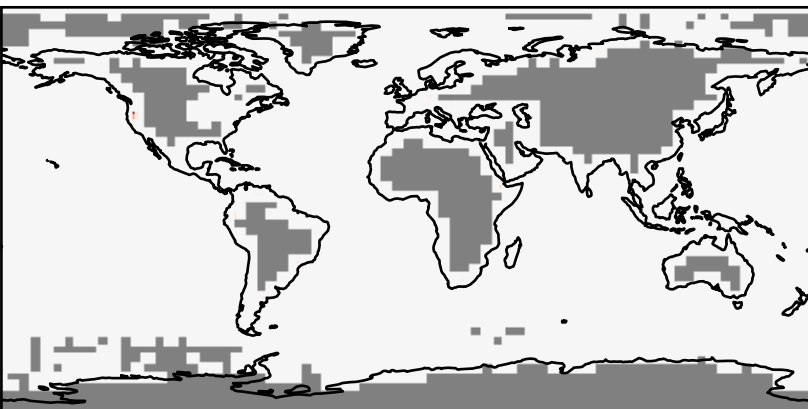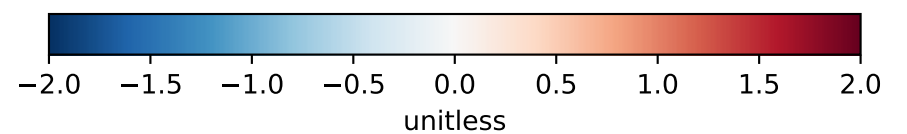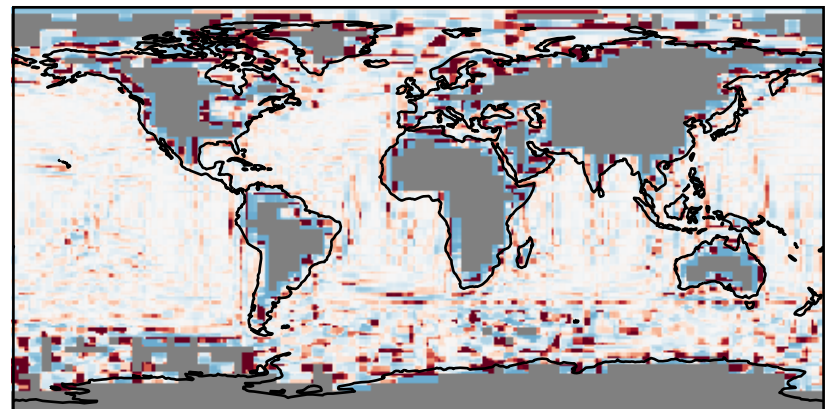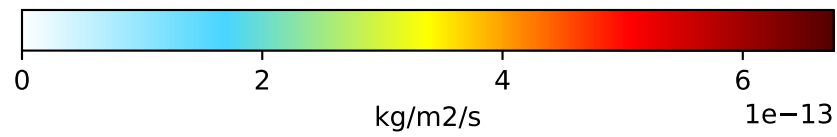
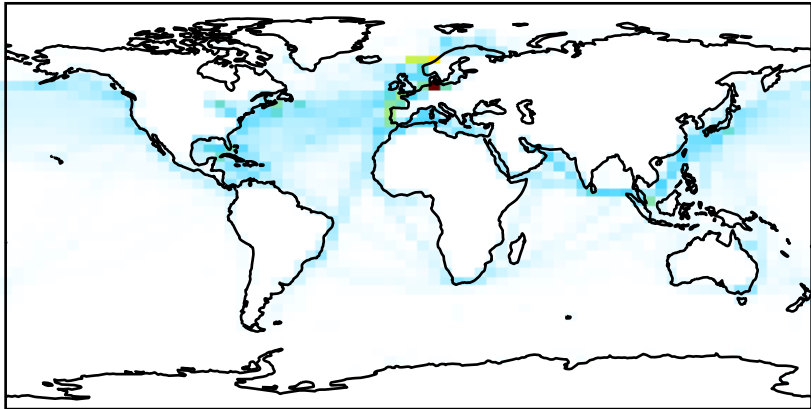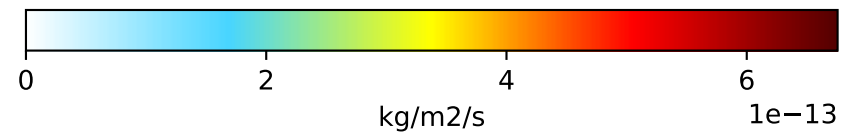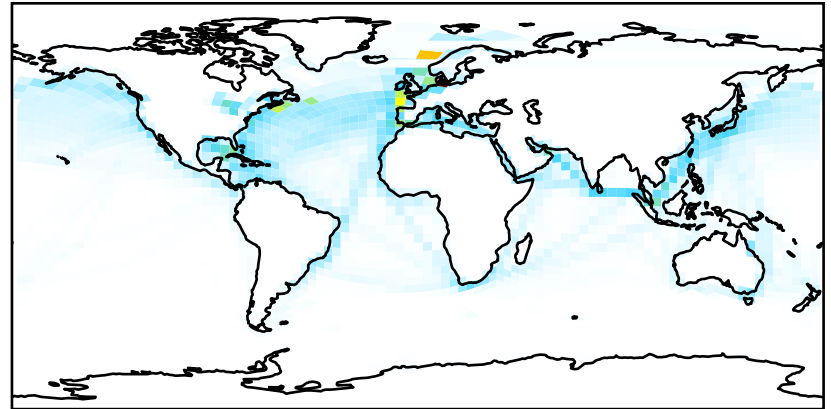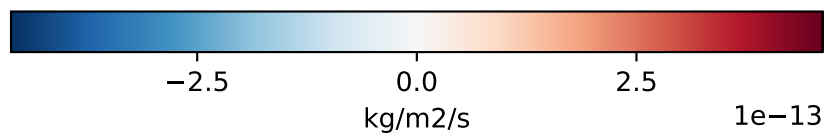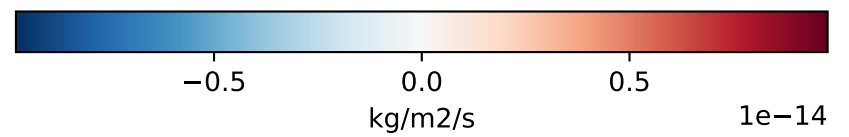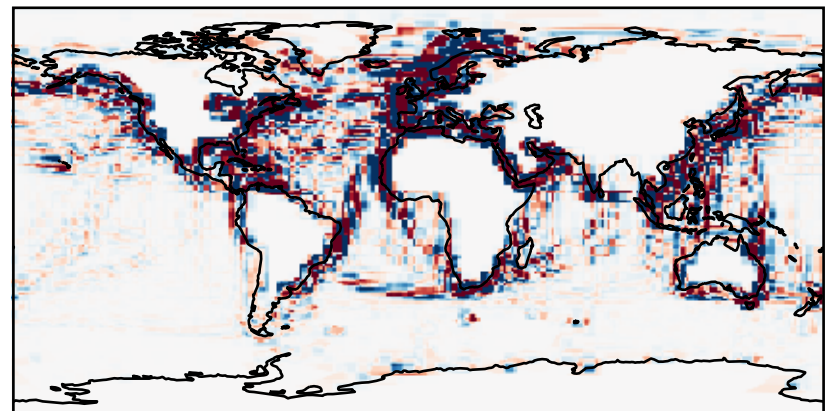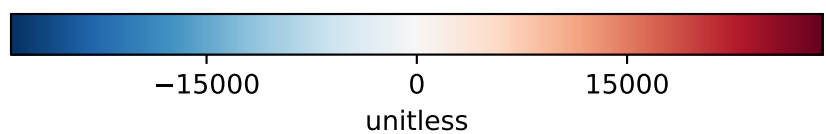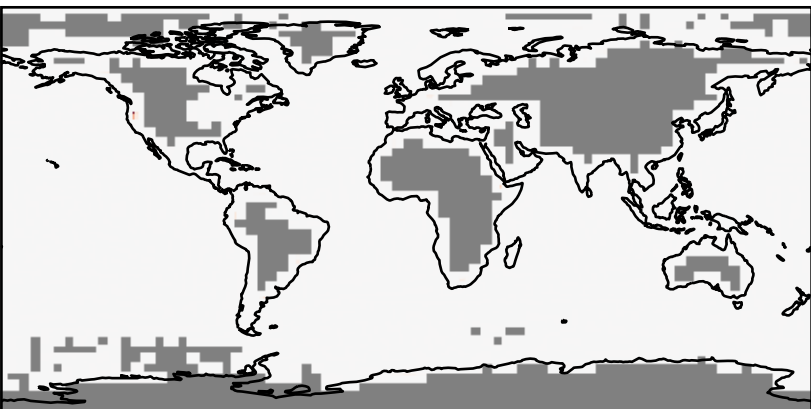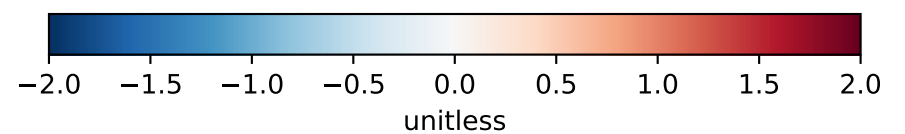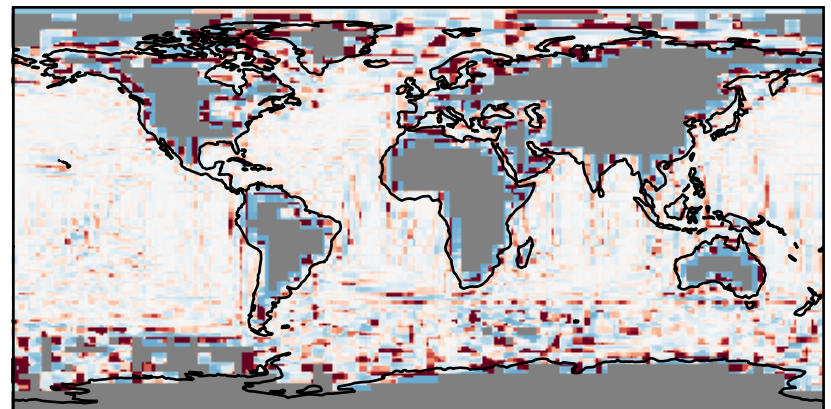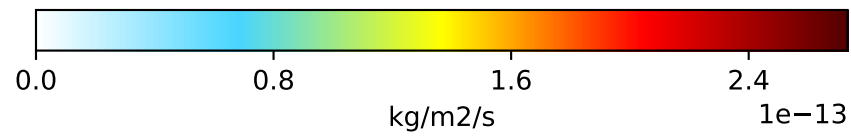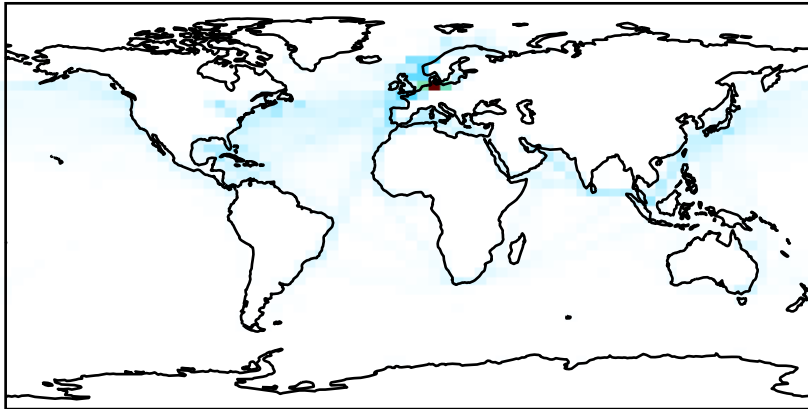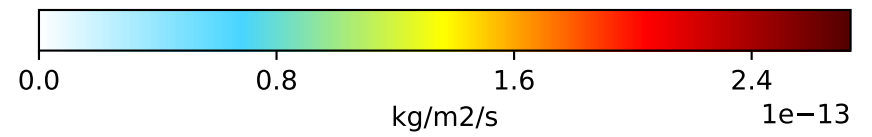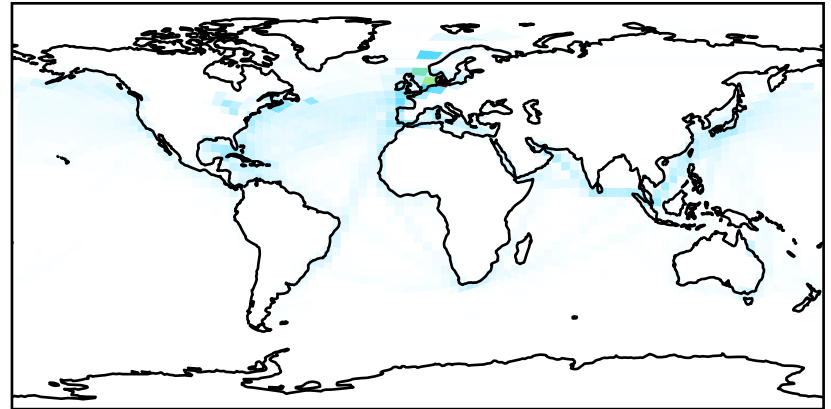Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

EmisO3_Ship

EmisOCPI_Ship

EmisOCPO_Ship

EmispFe_Ship

EmisPRPE_Ship

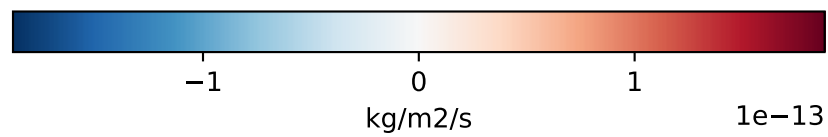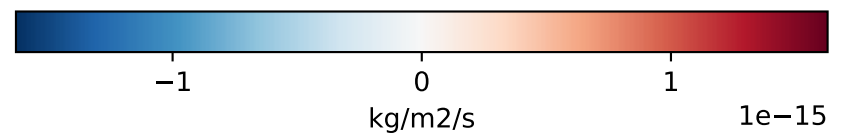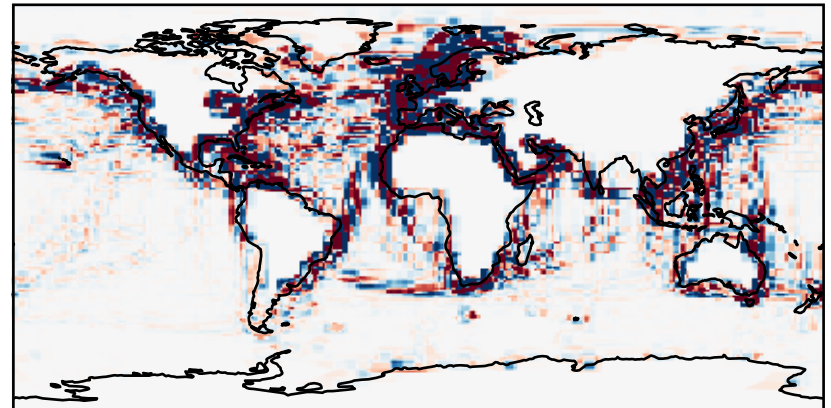# EmisSO2_Ship

EmisSO4_Ship

EmisSOAP_Ship

EmisTOLU_Ship

EmisXYLE_Ship
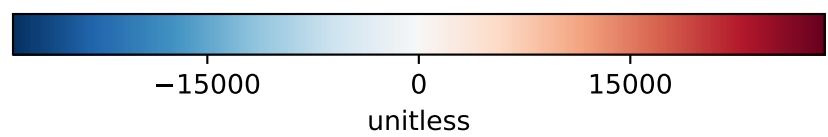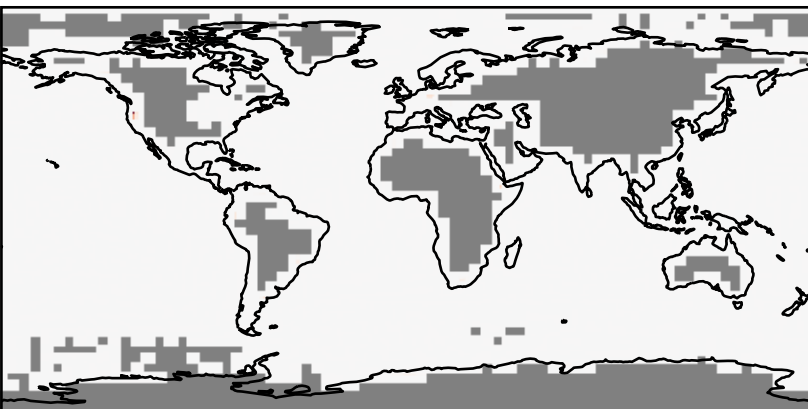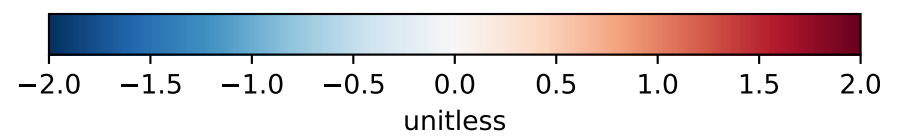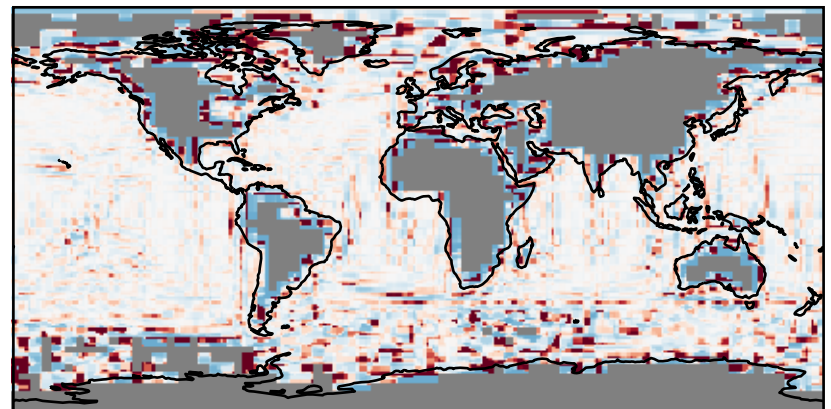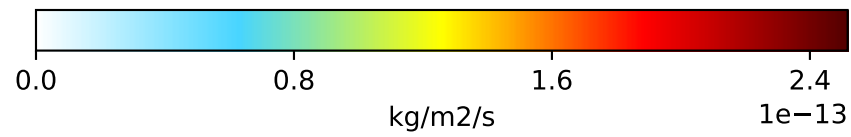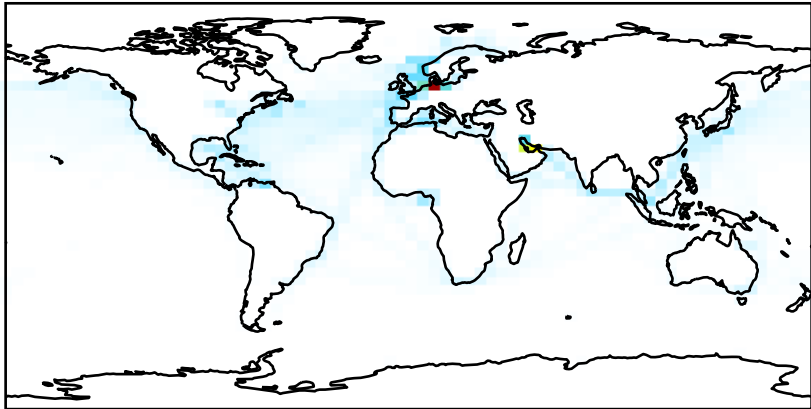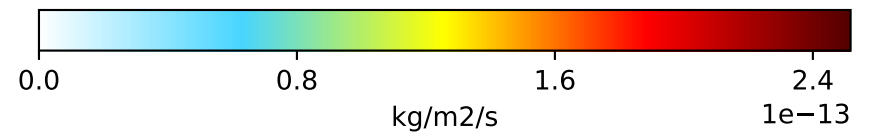

GC_12.5.0 (Ref)
4x5

GCHP_12.5.0_c24 (Dev)
c24

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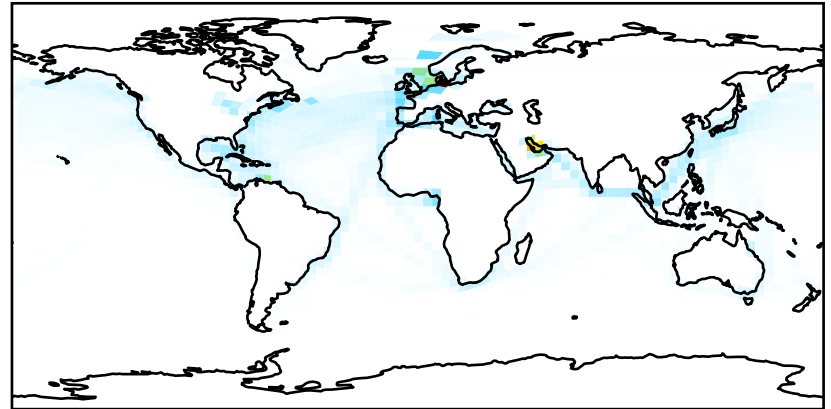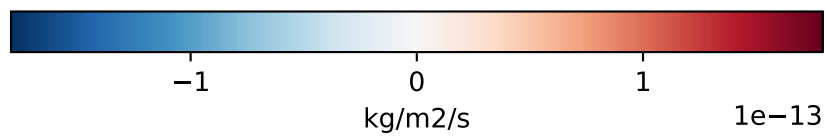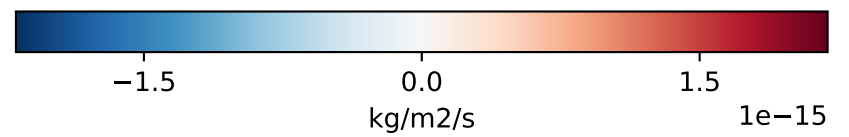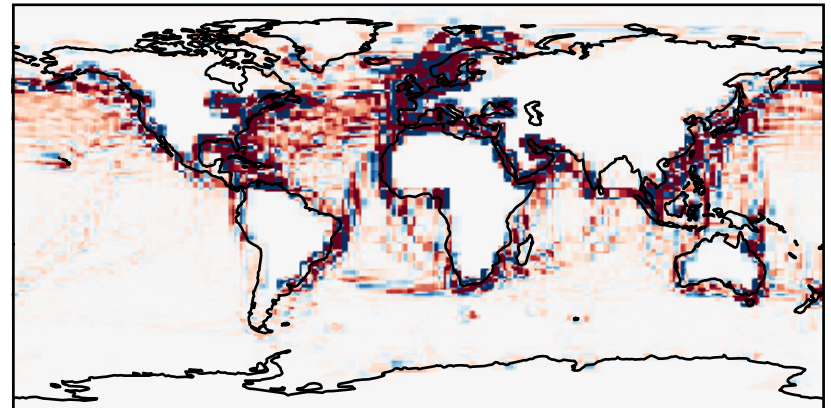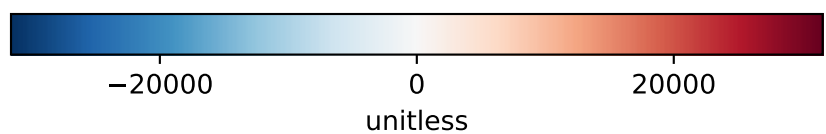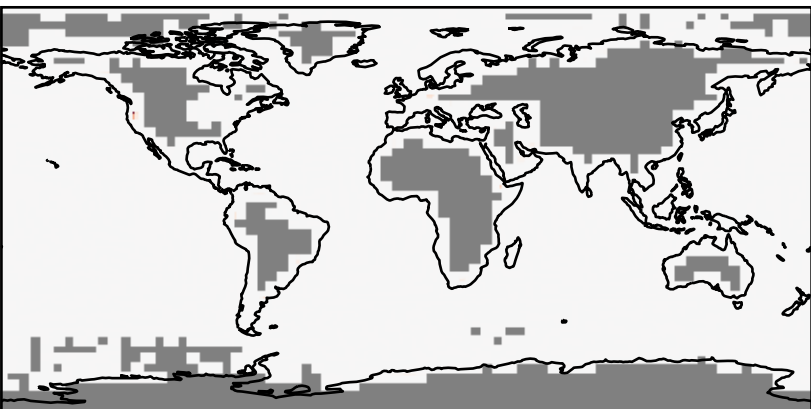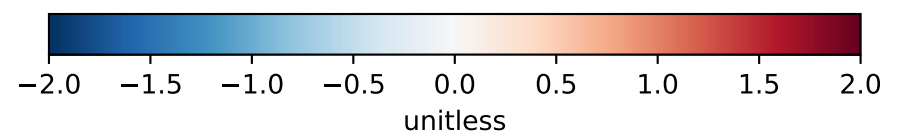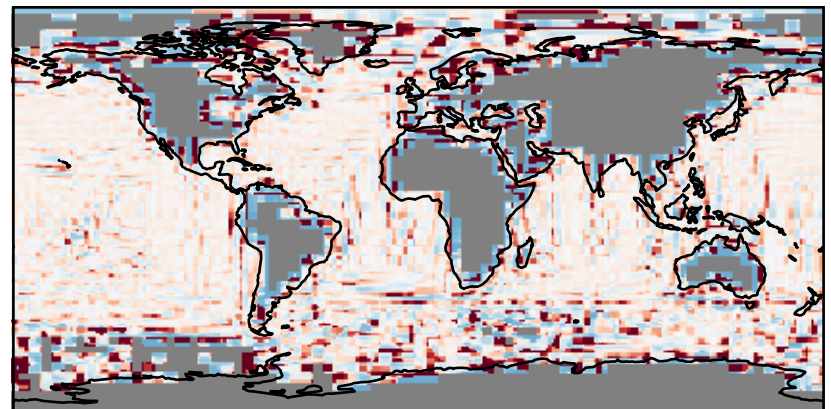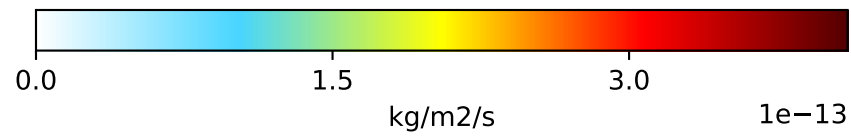
Fractional Difference (1x1.25)
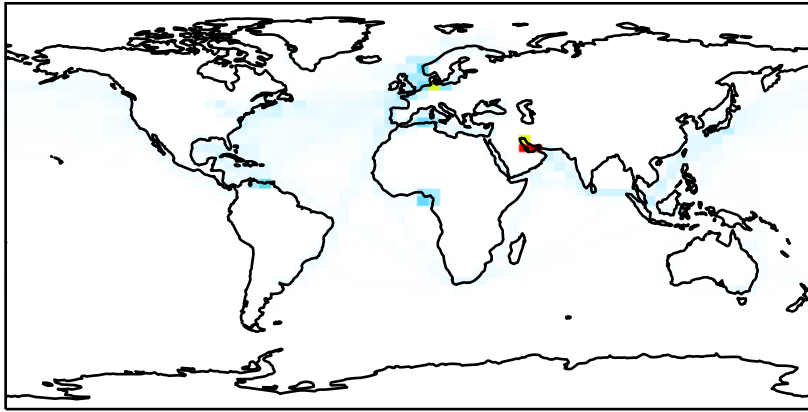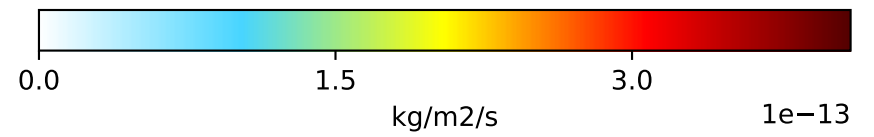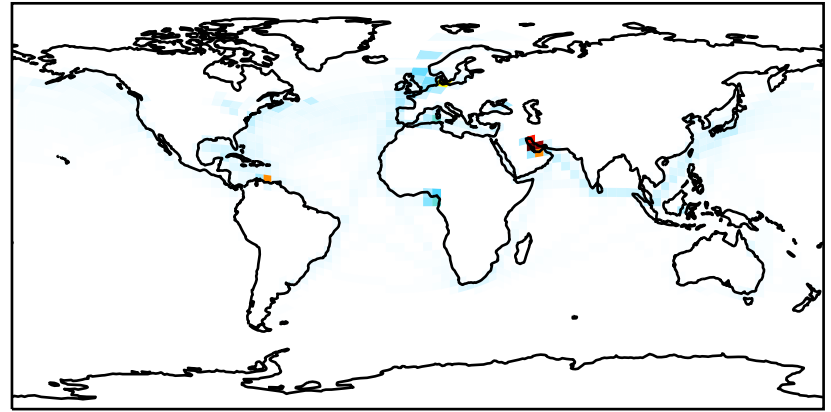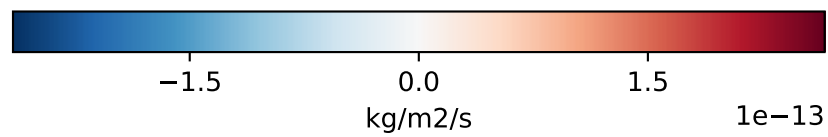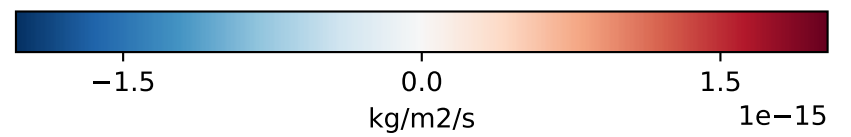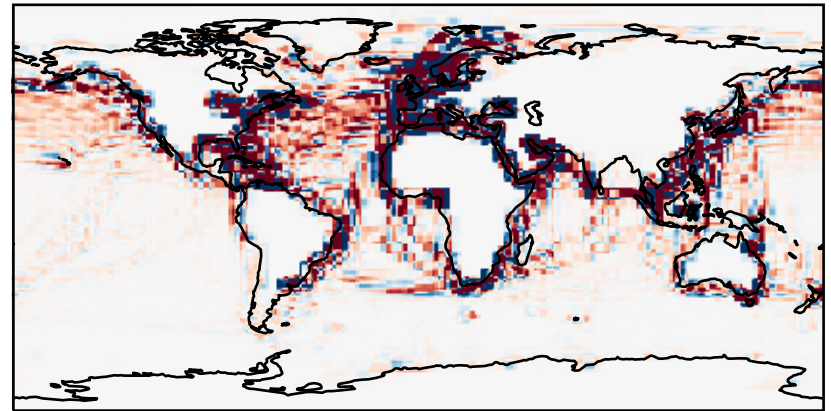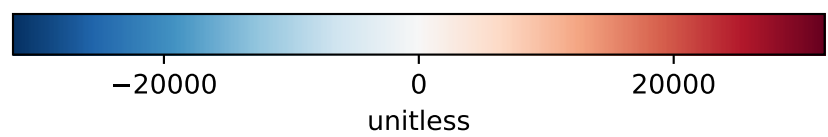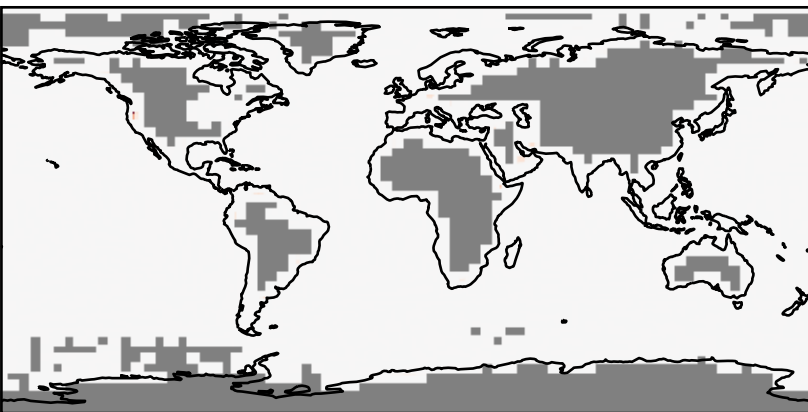(Dev-Ref)/Ref, Fixed Range

unitless