# SpeciesConcVV_SOx

## gcc-4x5-1Mon-14.2.2 (Ref)
### 4.0x5.0
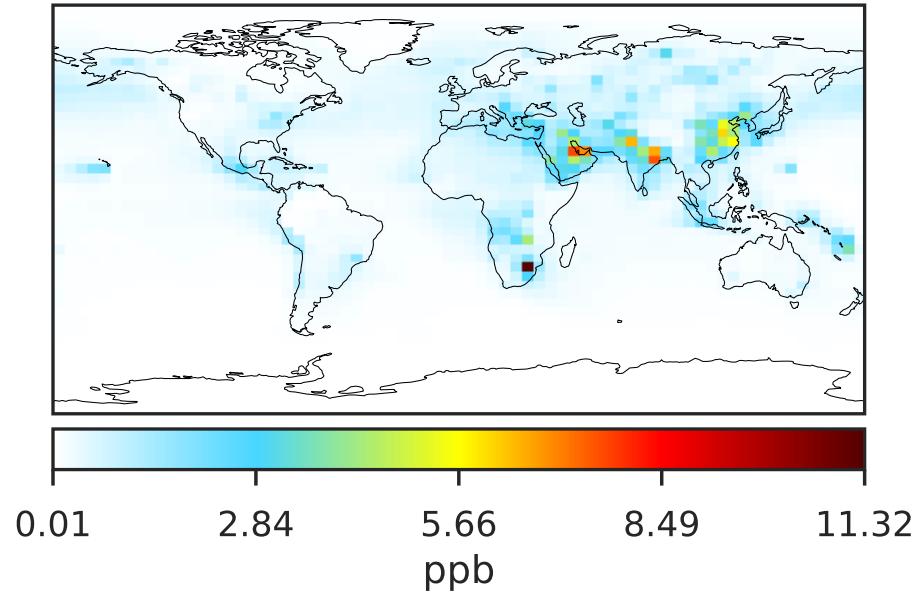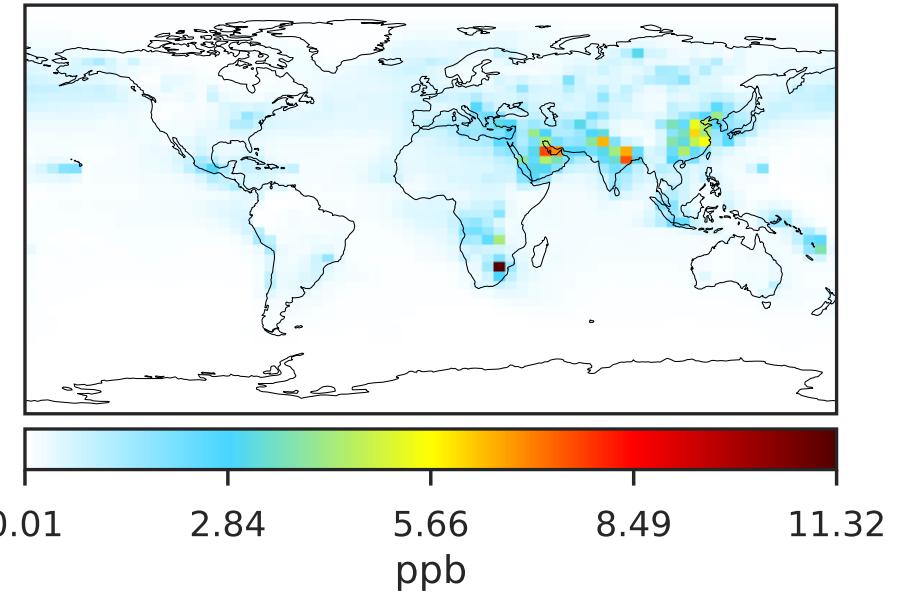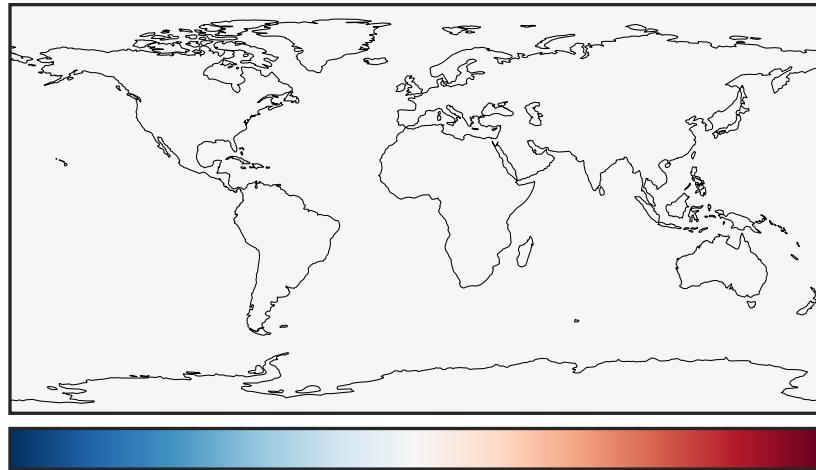


0.01    2.84    5.66    8.49    11.32

ppb

## gcc-4x5-1Mon-14.2.3 (Dev)
### 4.0x5.0



0.01    2.84    5.66    8.49    11.32

ppb

## Difference
### Dev - Ref, Dynamic Range



Zero throughout domain

ppb

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



Zero throughout domain

ppb
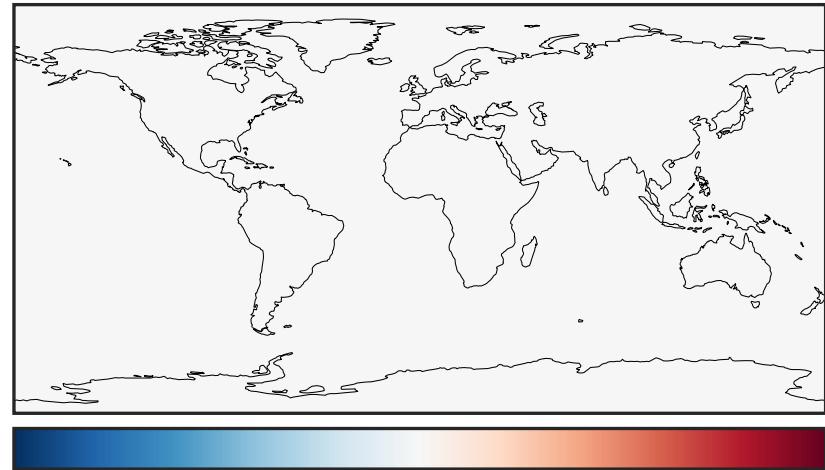
## Ratio
### Dev/Ref, Dynamic Range
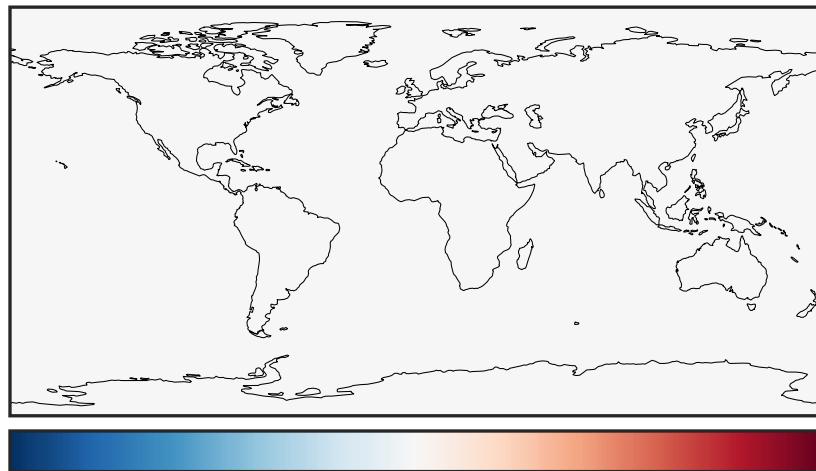


Ref and Dev equal throughout domain

unitless

## Ratio
### Dev/Ref, Fixed Range
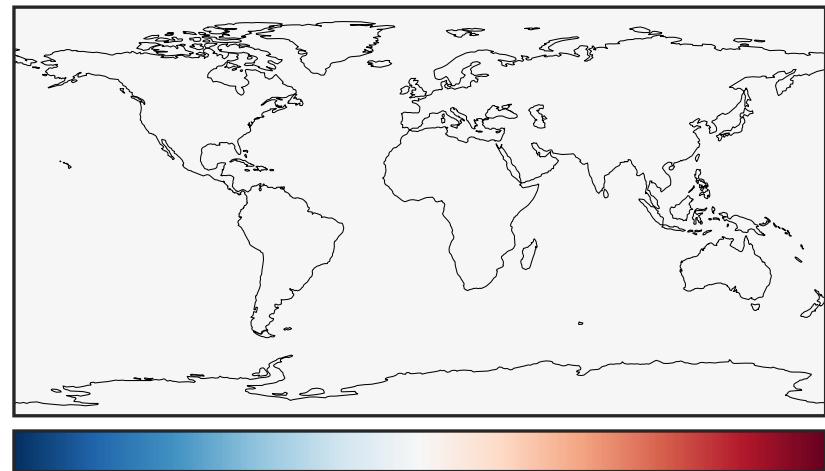


Ref and Dev equal throughout domain

unitless

# SpeciesConcVV_DMS



gcc-4x5-1Mon-14.2.2 (Ref)
4.0x5.0
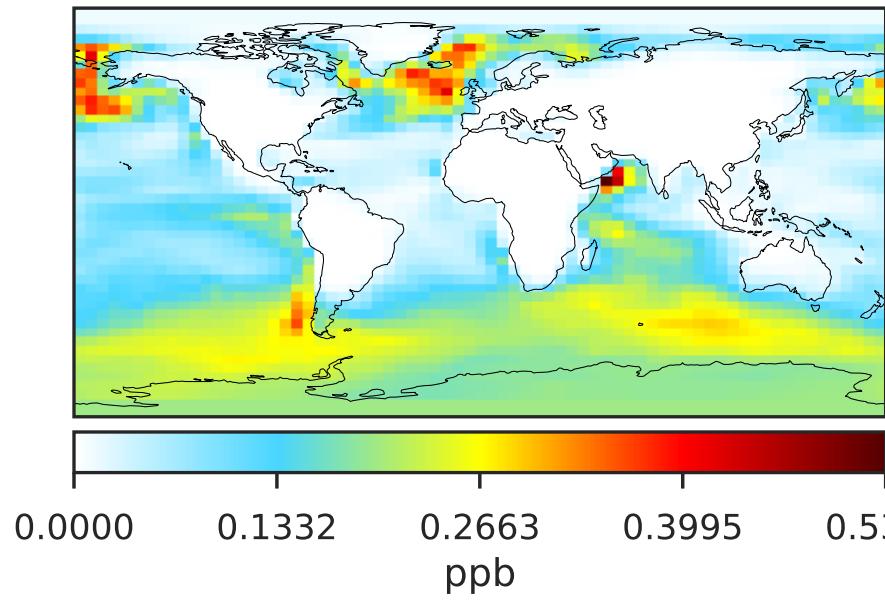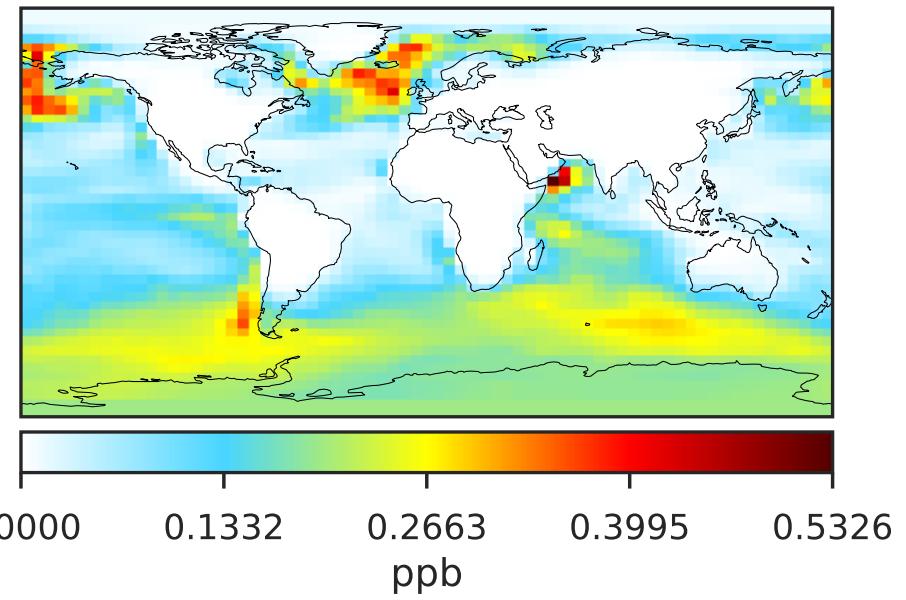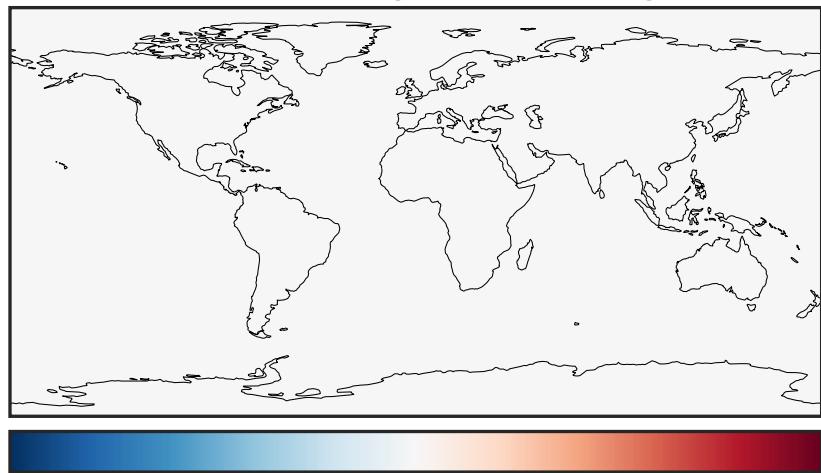
gcc-4x5-1Mon-14.2.3 (Dev)
4.0x5.0

0.0000   0.1332   0.2663   0.3995   0.5326
ppb

0.0000   0.1332   0.2663   0.3995   0.5326
ppb

Difference
Dev - Ref, Dynamic Range

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

Zero throughout domain
ppb
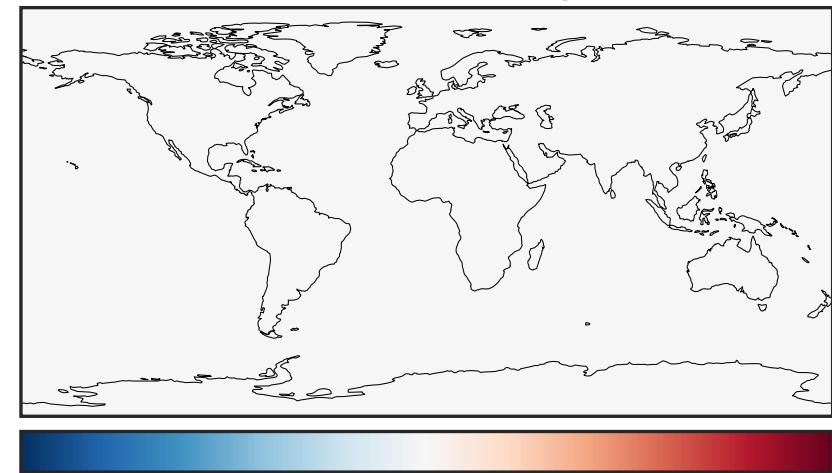
Zero throughout domain
ppb

Ratio
Dev/Ref, Dynamic Range
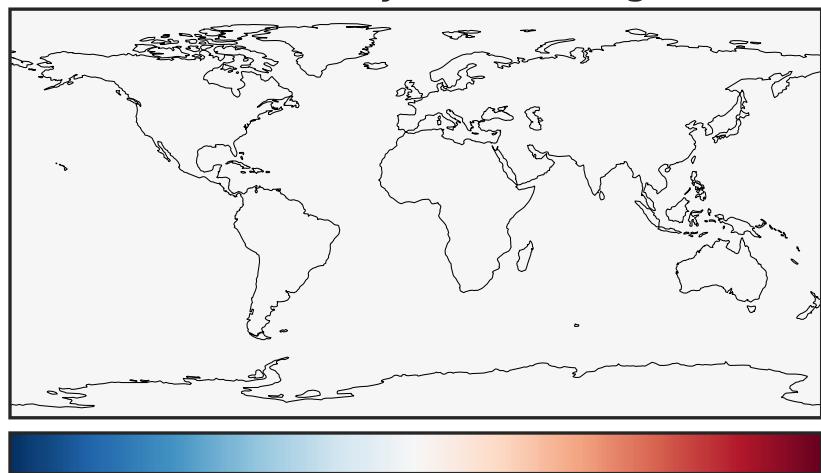
Ratio
Dev/Ref, Fixed Range

Ref and Dev equal throughout domain
unitless
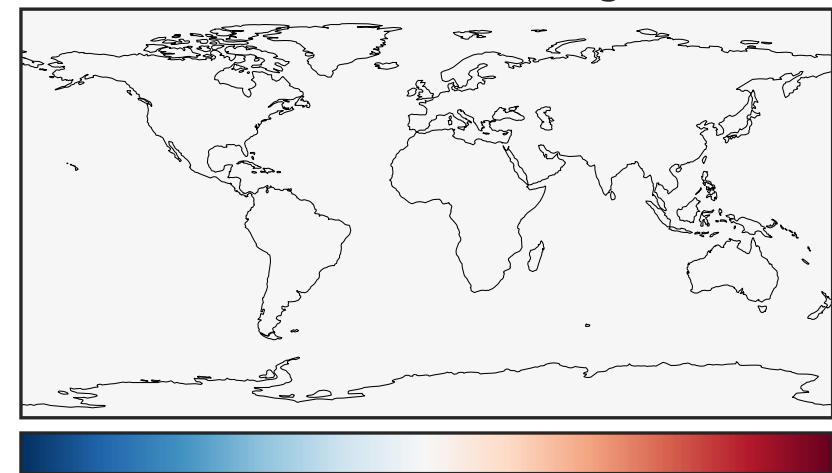
Ref and Dev equal throughout domain
unitless

# SpeciesConcVV_HMS

## gcc-4x5-1Mon-14.2.2 (Ref)
### 4.0x5.0
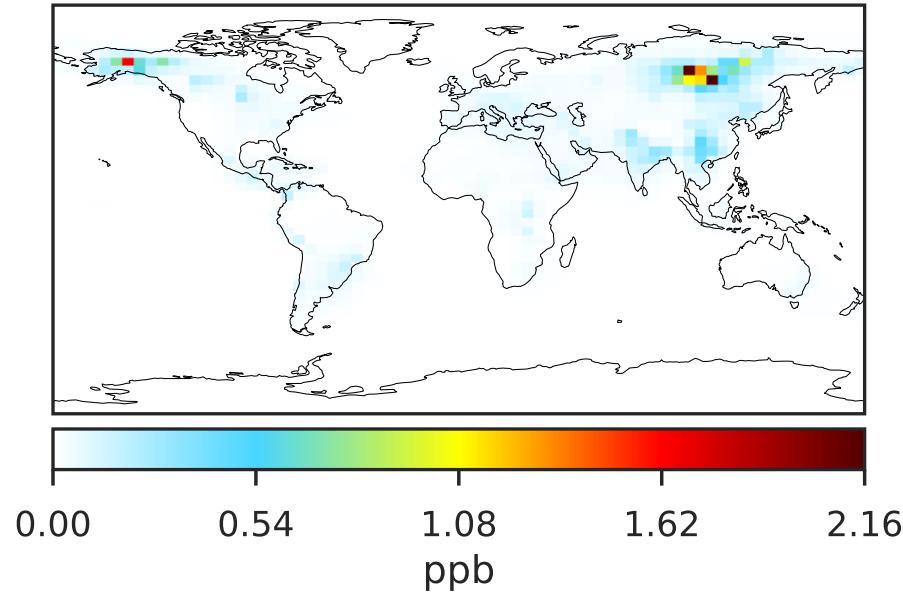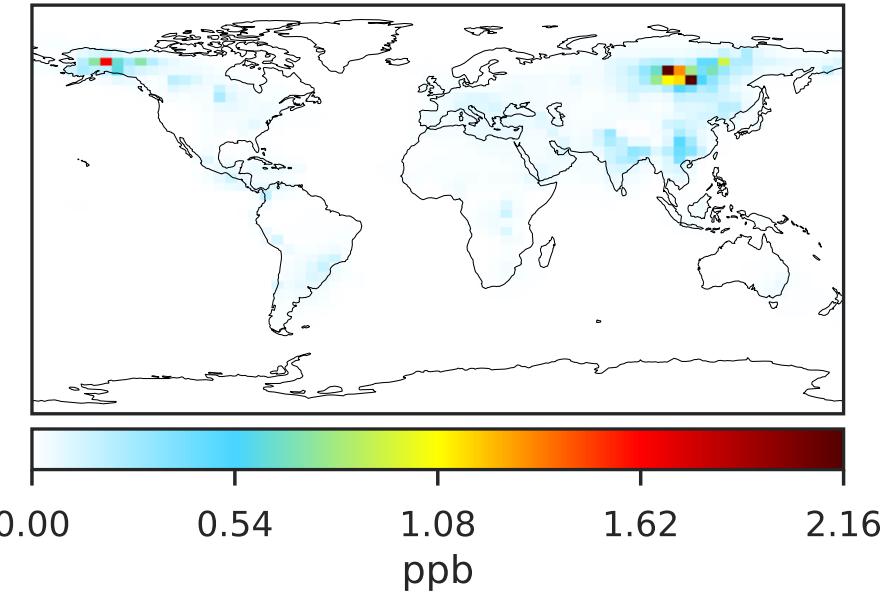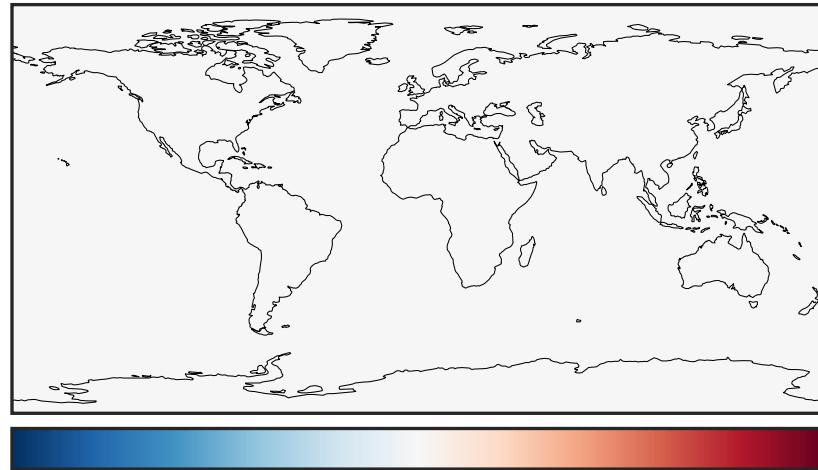
## gcc-4x5-1Mon-14.2.3 (Dev)
### 4.0x5.0



0.00　　0.54　　1.08　　1.62　　2.16
ppb

0.00　　0.54　　1.08　　1.62　　2.16
ppb

## Difference
### Dev - Ref, Dynamic Range

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

Zero throughout domain
ppb

Zero throughout domain
ppb

## Ratio
### Dev/Ref, Dynamic Range

## Ratio
### Dev/Ref, Fixed Range

Ref and Dev equal throughout domain
unitless

Ref and Dev equal throughout domain
unitless
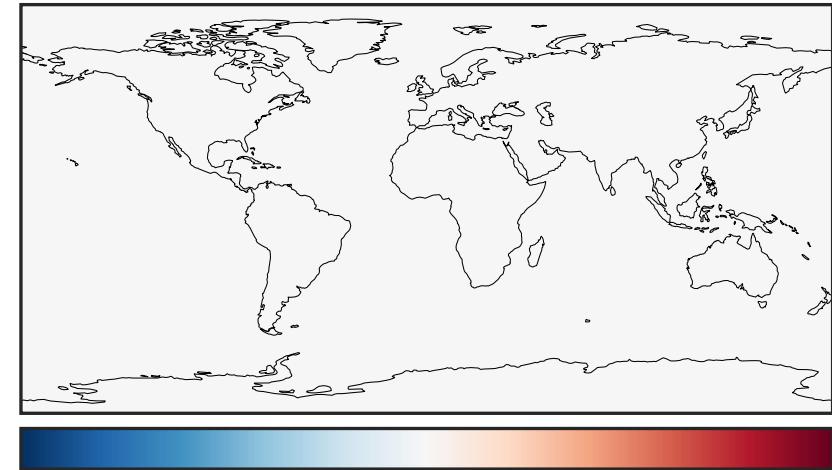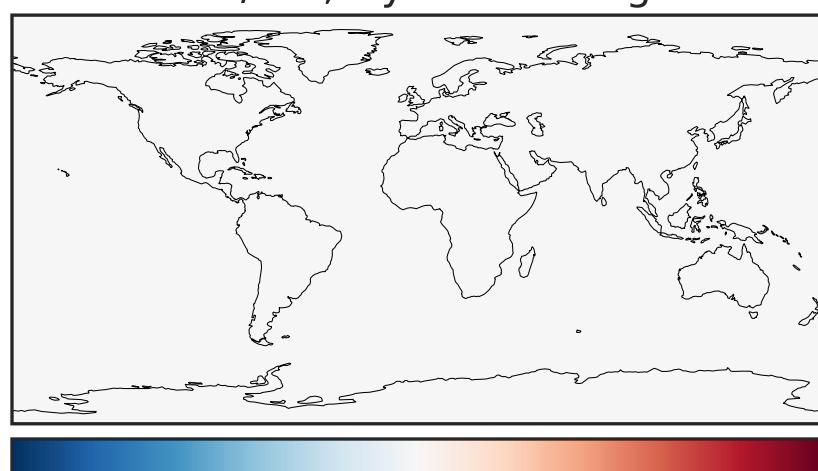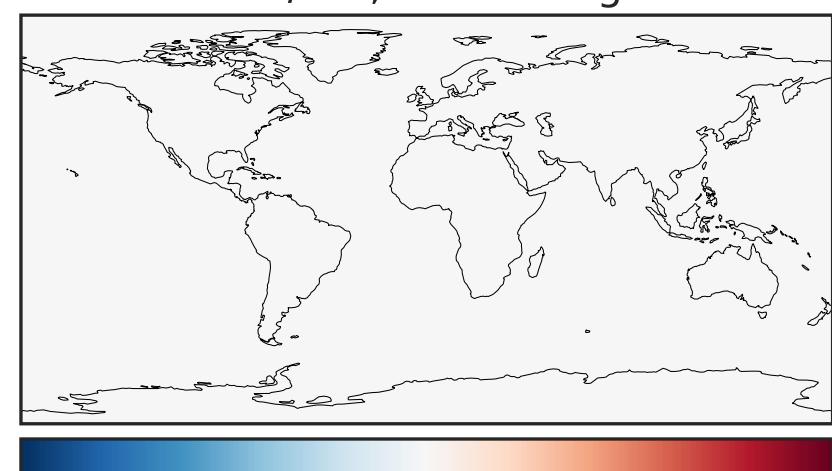
# SpeciesConcVV_MSA

## gcc-4x5-1Mon-14.2.2 (Ref)
### 4.0x5.0
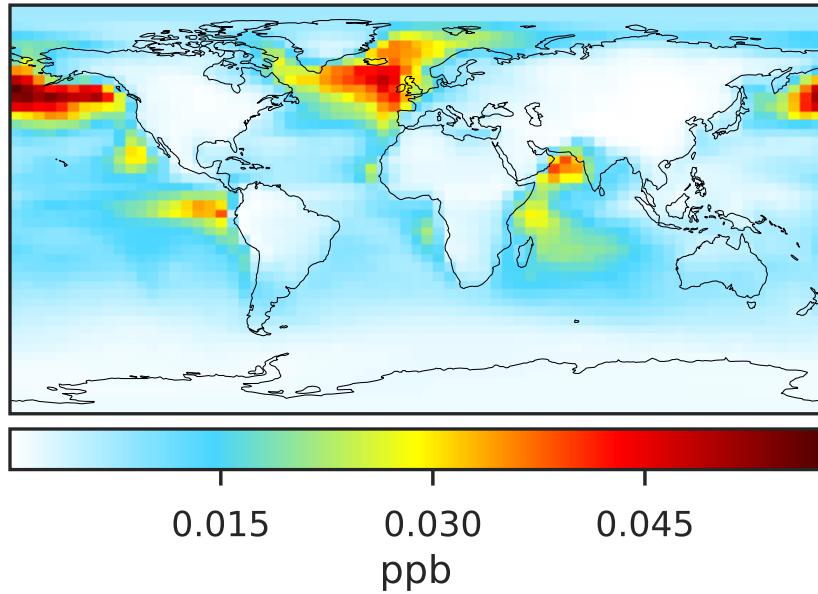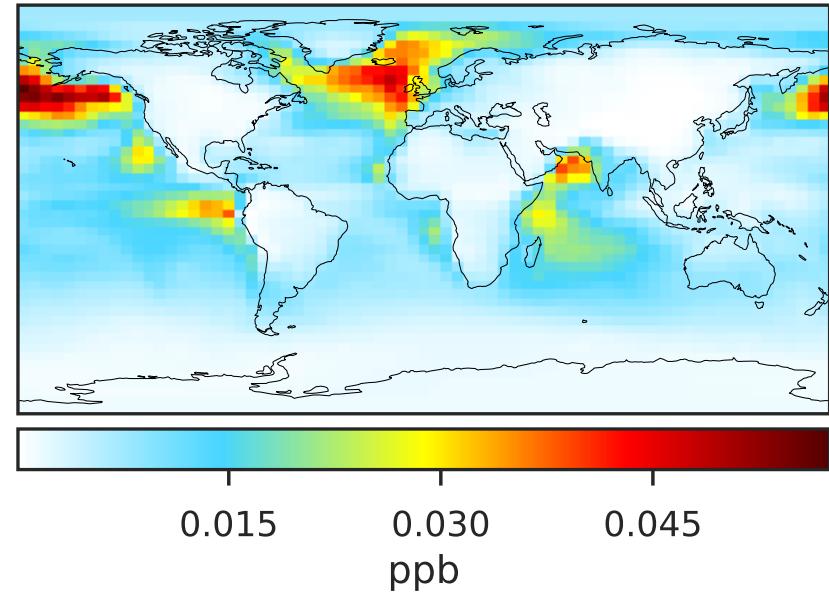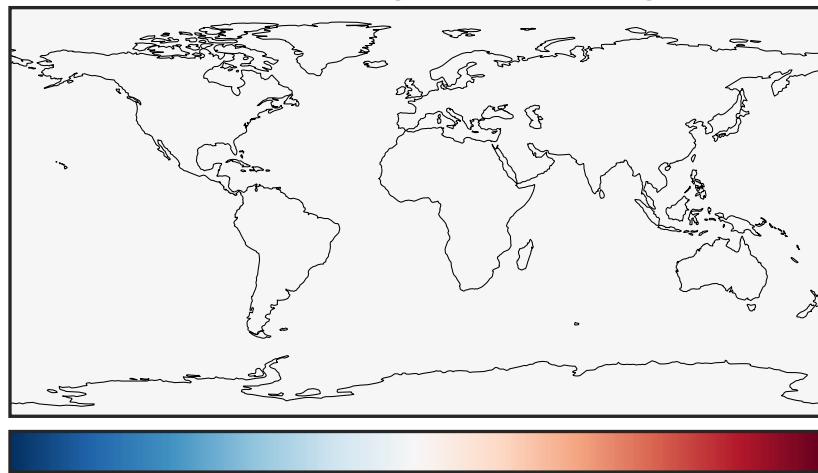


0.015          0.030          0.045
ppb

## gcc-4x5-1Mon-14.2.3 (Dev)
### 4.0x5.0



0.015          0.030          0.045
ppb

## Difference
### Dev - Ref, Dynamic Range



Zero throughout domain
ppb

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



Zero throughout domain
ppb

## Ratio
### Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

## Ratio
### Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless
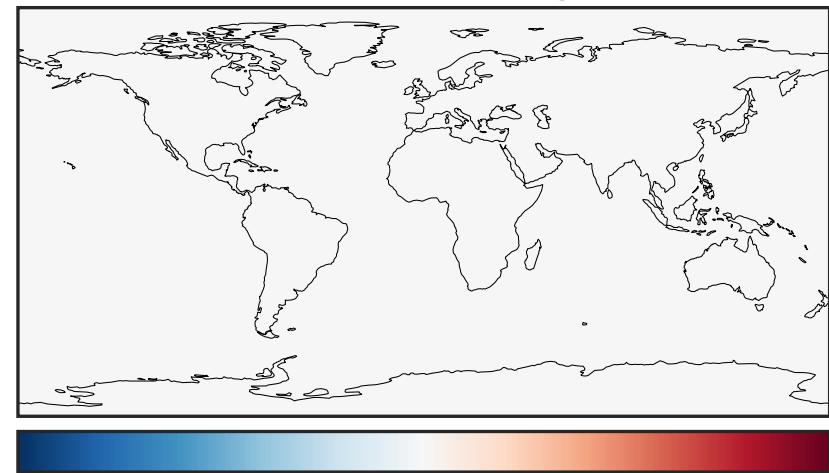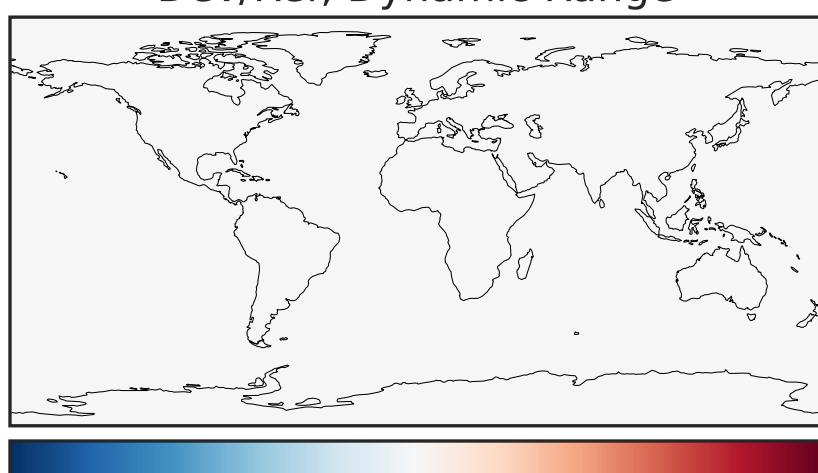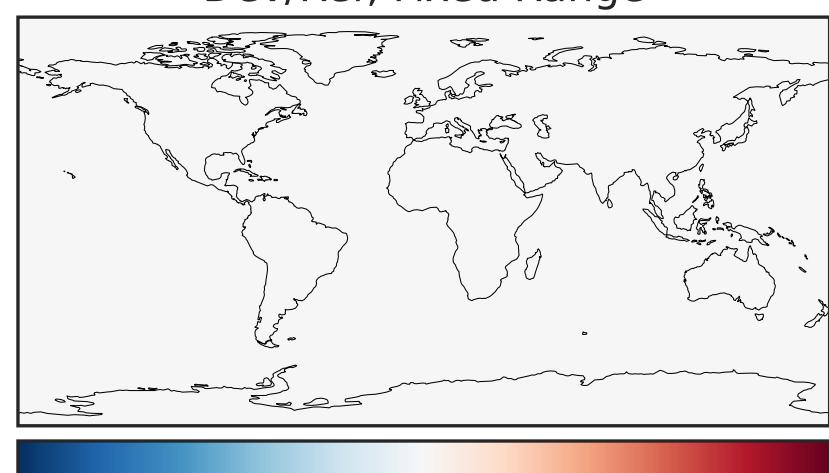
# SpeciesConcVV_OCS

## gcc-4x5-1Mon-14.2.2 (Ref)
### 4.0x5.0
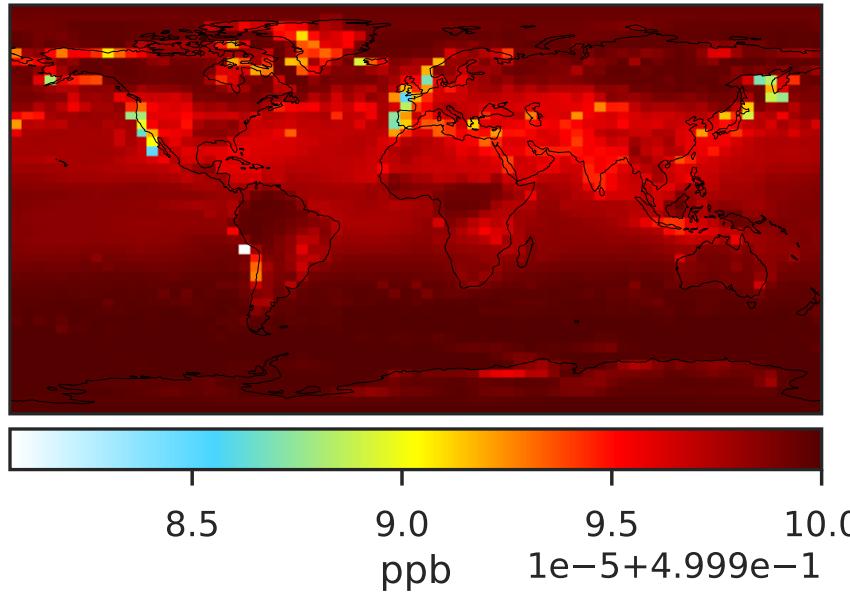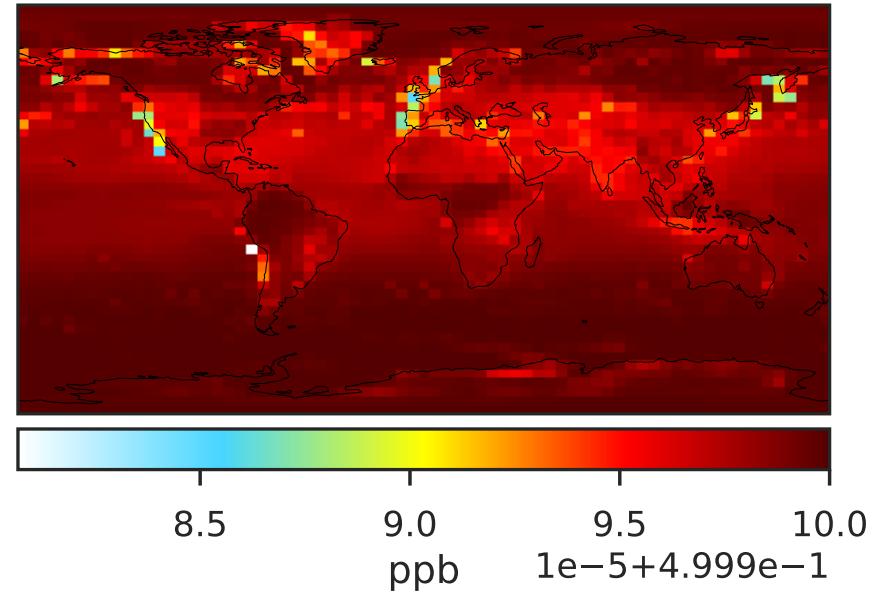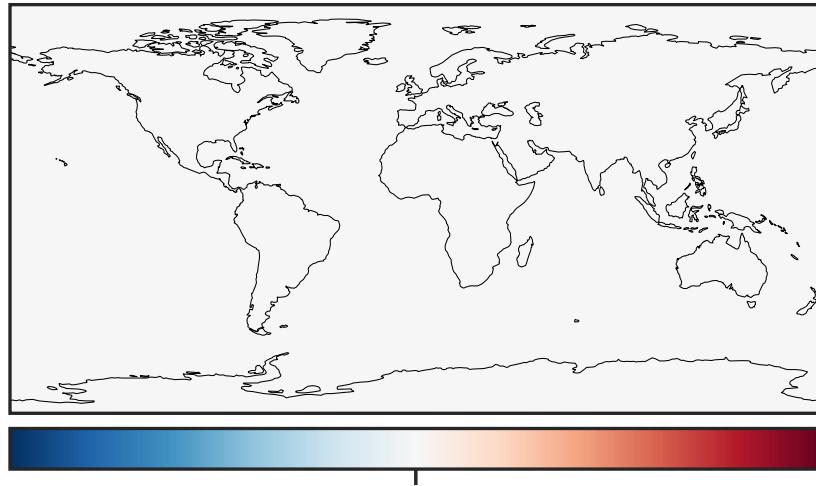
## gcc-4x5-1Mon-14.2.3 (Dev)
### 4.0x5.0



ppb          1e−5+4.999e−1

ppb          1e−5+4.999e−1
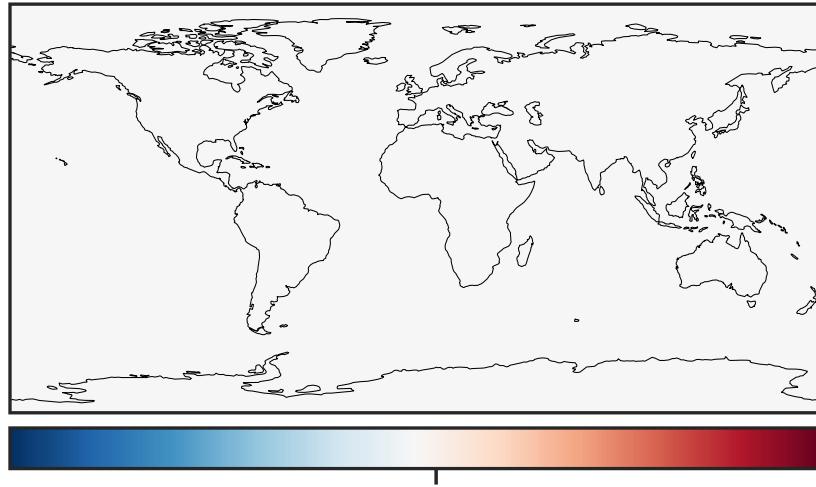
## Difference
### Dev - Ref, Dynamic Range
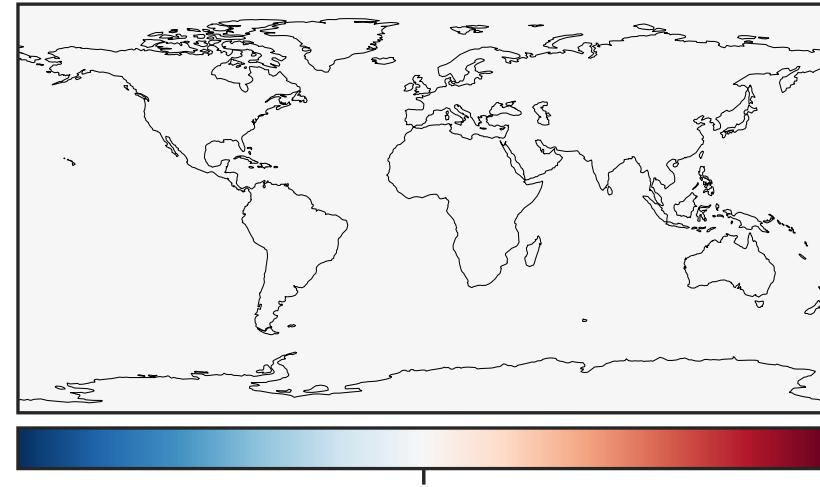
## Difference
### Dev - Ref, Restricted Range [5%,95%]

Zero throughout domain
ppb

Zero throughout domain
ppb

## Ratio
### Dev/Ref, Dynamic Range

## Ratio
### Dev/Ref, Fixed Range

Ref and Dev equal throughout domain
unitless

Ref and Dev equal throughout domain
unitless
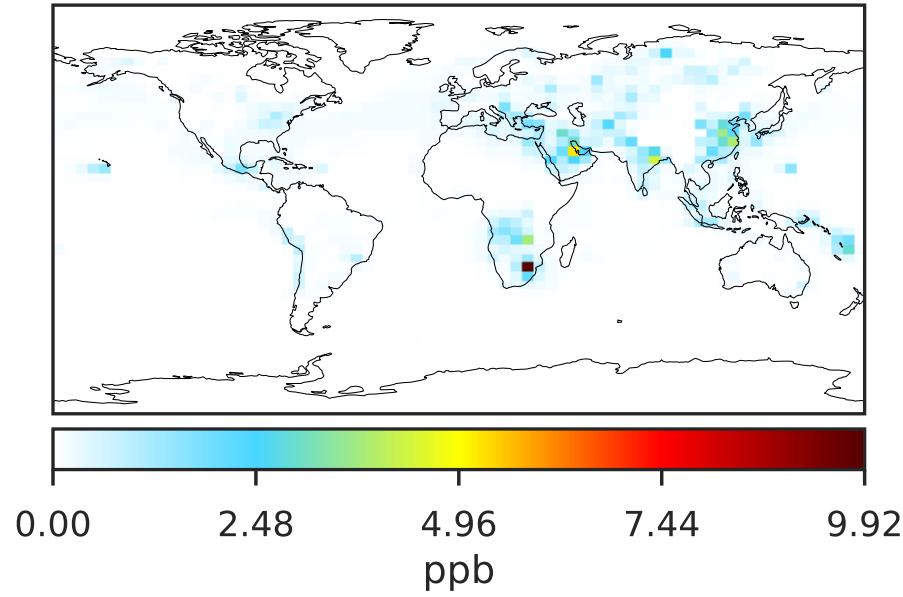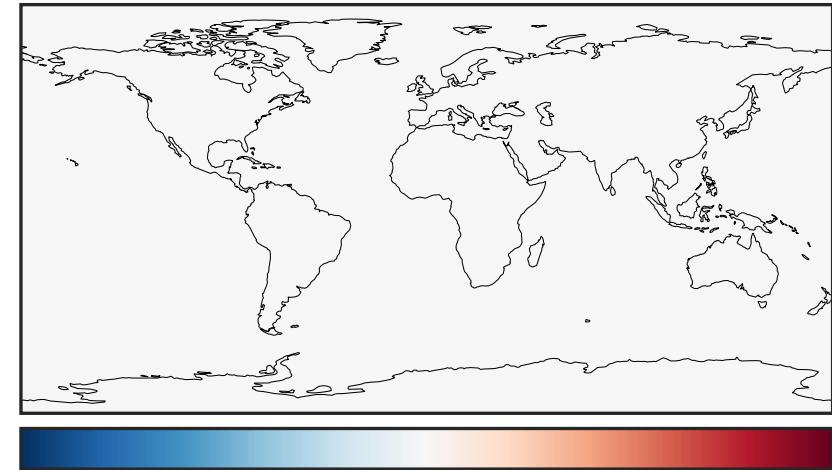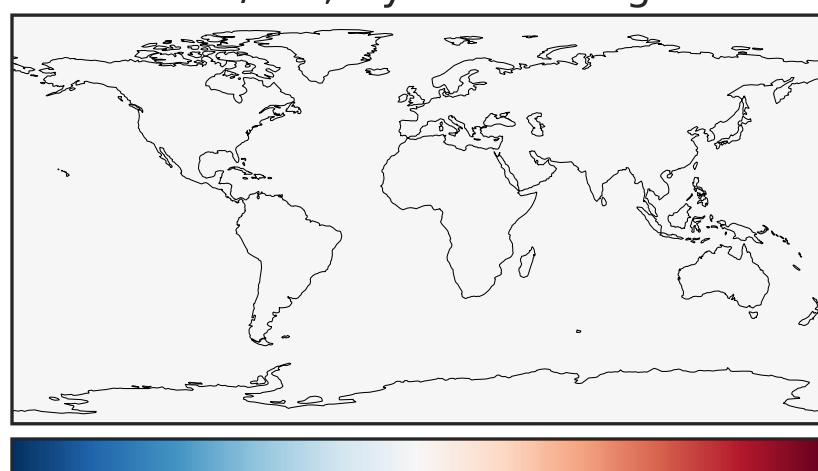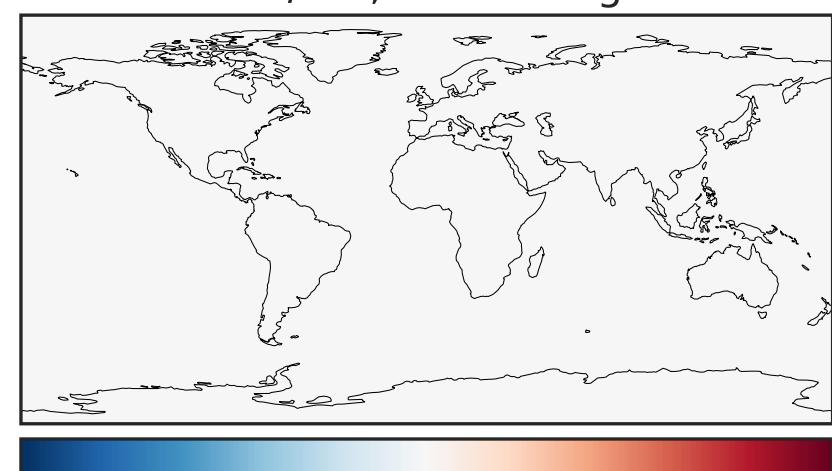
# SpeciesConcVV_SO2

# SpeciesConcVV_SO4

## gcc-4x5-1Mon-14.2.2 (Ref)
### 4.0x5.0



0.010    1.144    2.278    3.411    4.545
ppb

## gcc-4x5-1Mon-14.2.3 (Dev)
### 4.0x5.0



0.010    1.144    2.278    3.411    4.545
ppb

## Difference
### Dev - Ref, Dynamic Range



Zero throughout domain
ppb

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



Zero throughout domain
ppb

## Ratio
### Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

## Ratio
### Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless