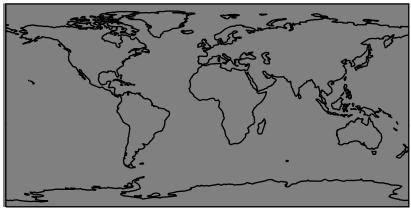
# EmisACET\_Biofuel

GC\_12.3.0 (Ref)
4x5

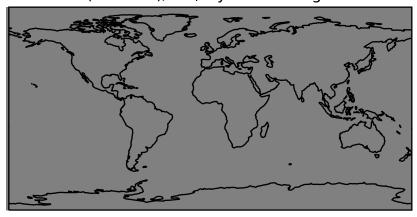
0.0 0.8 1.6 2.4 kg/m2/s 1e-13

Difference Dev - Ref, Dynamic Range



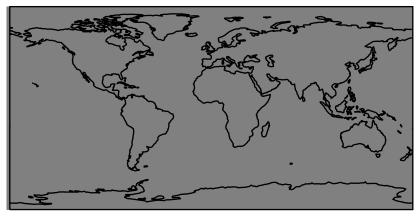
Undefined throughout domain kg/m2/s

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



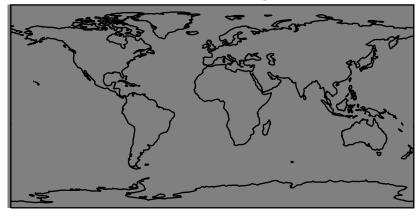
Undefined throughout domain unitless

GC\_12.5.0 (Dev) 4x5



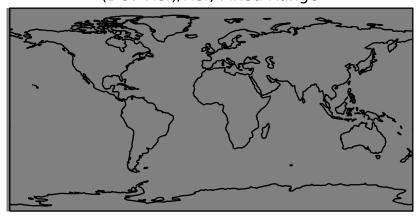
Undefined throughout domain kg/m2/s

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



Undefined throughout domain kg/m2/s

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



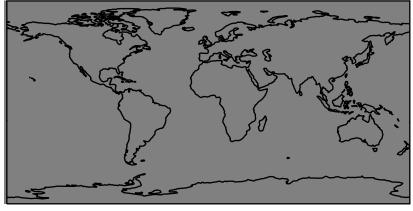
Undefined throughout domain unitless

## EmisALD2\_Biofuel

GC\_12.3.0 (Ref) 4x5

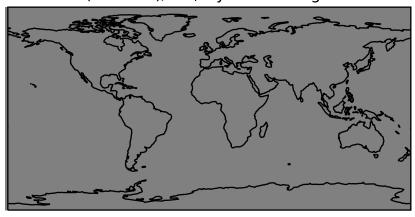
0.0 0.5 1.0 1.5 kg/m2/s 1e-11

Difference Dev - Ref, Dynamic Range



Undefined throughout domain kg/m2/s

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



Undefined throughout domain unitless

GC\_12.5.0 (Dev) 4x5



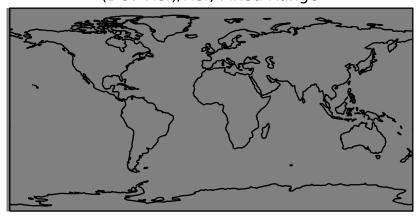
Undefined throughout domain kg/m2/s

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



Undefined throughout domain kg/m2/s

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



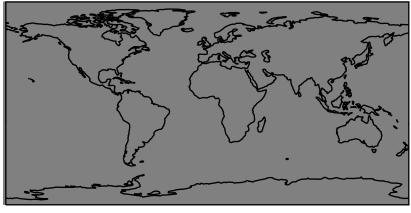
Undefined throughout domain unitless

## EmisALK4\_Biofuel

GC\_12.3.0 (Ref) 4x5

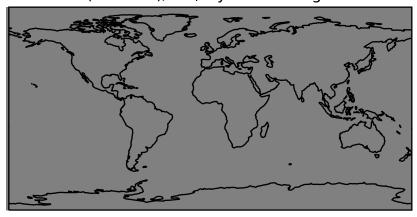
0 2 4 6 kg/m2/s 1e-11

Difference Dev - Ref, Dynamic Range



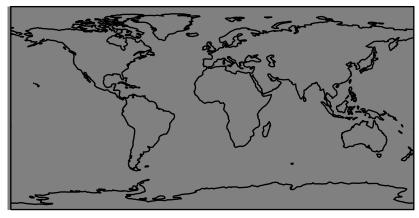
Undefined throughout domain kg/m2/s

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



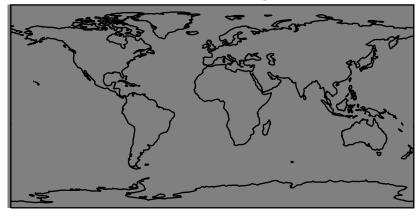
Undefined throughout domain unitless

GC\_12.5.0 (Dev) 4x5



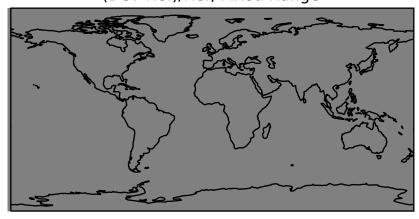
Undefined throughout domain kg/m2/s

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



Undefined throughout domain kg/m2/s

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



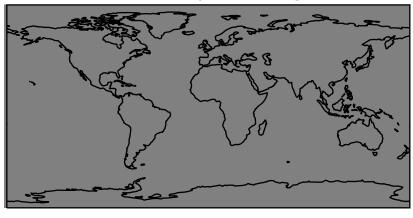
Undefined throughout domain unitless

### EmisBCPI\_Biofuel

GC\_12.3.0 (Ref)
4x5

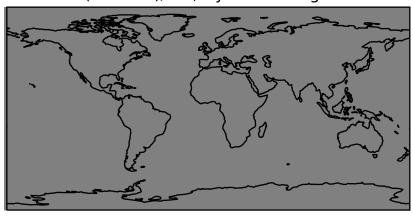
0.00 0.25 0.50 0.75
kg/m2/s 1e-12

Difference Dev - Ref, Dynamic Range



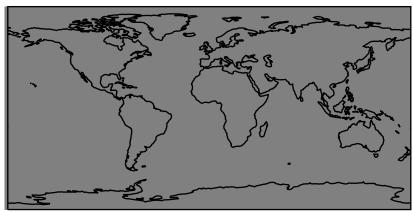
Undefined throughout domain kg/m2/s

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



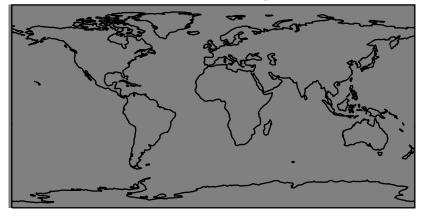
Undefined throughout domain unitless

GC\_12.5.0 (Dev) 4x5



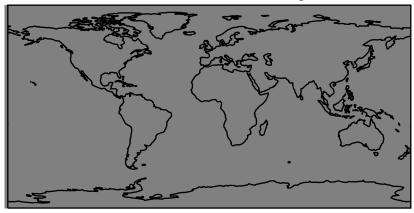
Undefined throughout domain kg/m2/s

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



Undefined throughout domain kg/m2/s

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



Undefined throughout domain unitless

## EmisBCPO\_Biofuel

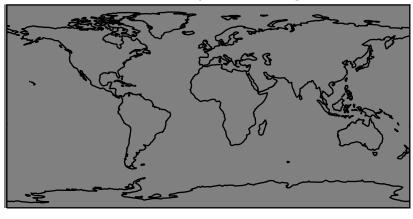
1e-12

GC\_12.3.0 (Ref) 4x5

Difference Dev - Ref, Dynamic Range

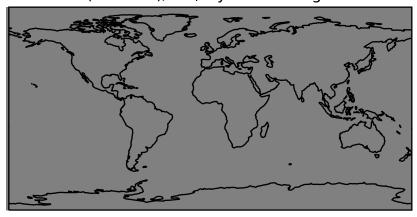
2

kg/m2/s



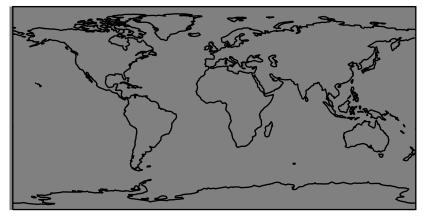
Undefined throughout domain kg/m2/s

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



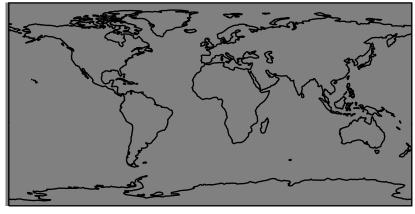
Undefined throughout domain unitless

GC\_12.5.0 (Dev) 4x5



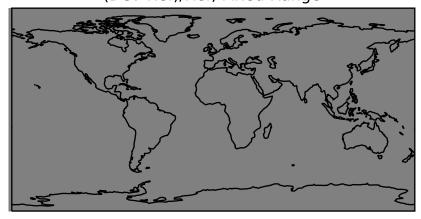
Undefined throughout domain kg/m2/s

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



Undefined throughout domain kg/m2/s

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



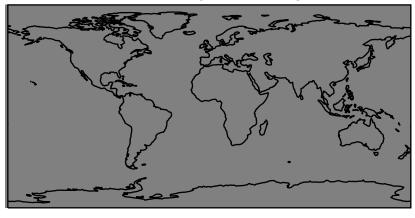
Undefined throughout domain unitless

## EmisBENZ\_Biofuel

GC\_12.3.0 (Ref)
4x5

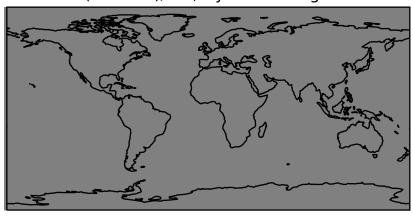
0.0 0.5 1.0 1.5
kg/m2/s 1e-11

Difference Dev - Ref, Dynamic Range



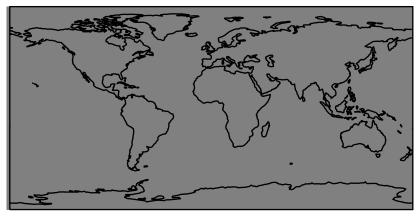
Undefined throughout domain kg/m2/s

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



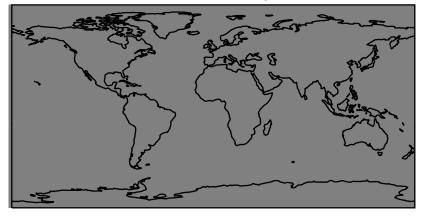
Undefined throughout domain unitless

GC\_12.5.0 (Dev) 4x5



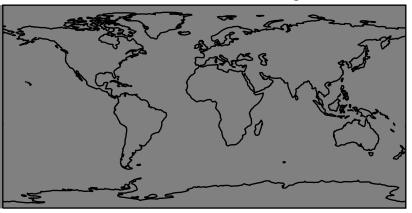
Undefined throughout domain kg/m2/s

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



Undefined throughout domain kg/m2/s

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



Undefined throughout domain unitless

### EmisC2H6\_Biofuel

1e-12

GC\_12.3.0 (Ref)
4x5

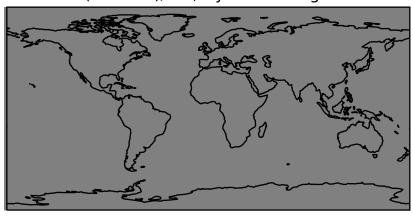
Difference Dev - Ref, Dynamic Range

kg/m2/s



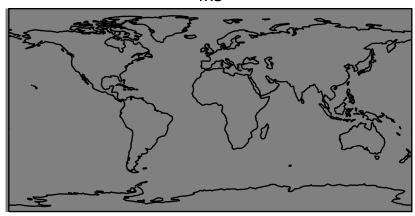
Undefined throughout domain kg/m2/s

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



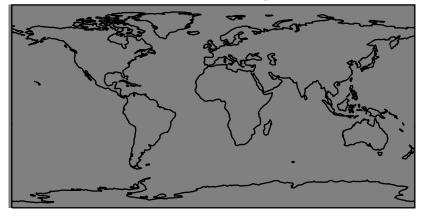
Undefined throughout domain unitless

GC\_12.5.0 (Dev) 4x5



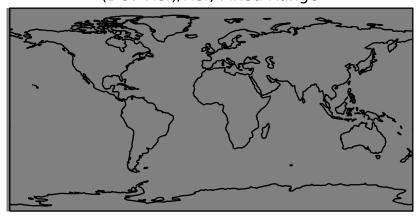
Undefined throughout domain kg/m2/s

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



Undefined throughout domain kg/m2/s

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



Undefined throughout domain unitless

### EmisC3H8\_Biofuel

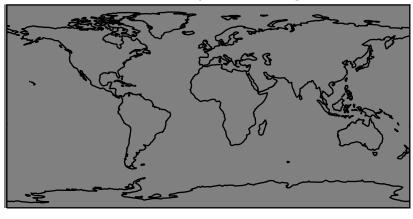
1e-14

GC\_12.3.0 (Ref) 4x5

Difference Dev - Ref, Dynamic Range

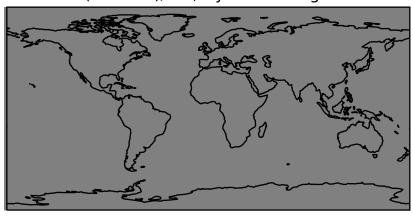
kg/m2/s

2



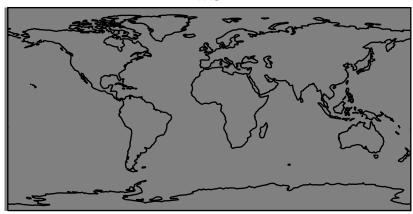
Undefined throughout domain kg/m2/s

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



Undefined throughout domain unitless

GC\_12.5.0 (Dev) 4x5



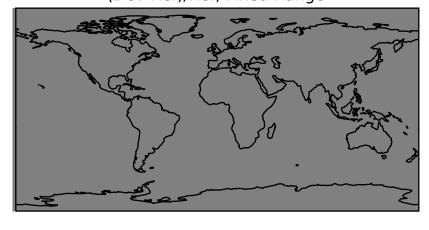
Undefined throughout domain kg/m2/s

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



Undefined throughout domain kg/m2/s

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



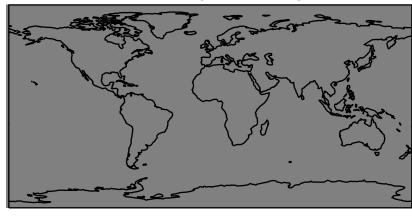
Undefined throughout domain unitless

## EmisCH2O\_Biofuel

GC\_12.3.0 (Ref)
4x5

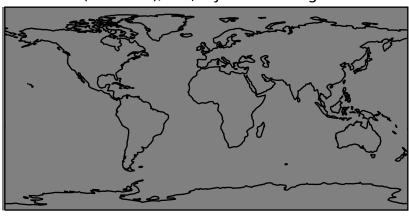
0.0 0.4 0.8 1.2 1e-11

Difference Dev - Ref, Dynamic Range



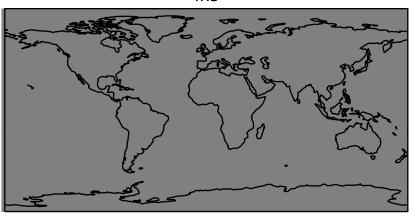
Undefined throughout domain kg/m2/s

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



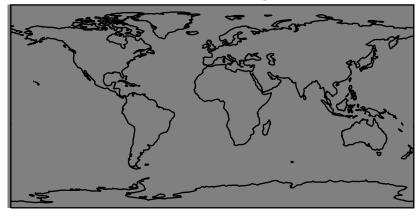
Undefined throughout domain unitless

GC\_12.5.0 (Dev) 4x5



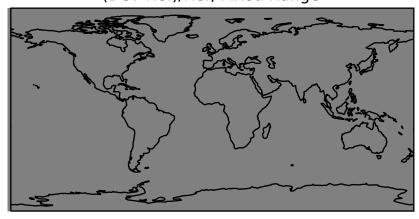
Undefined throughout domain kg/m2/s

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



Undefined throughout domain kg/m2/s

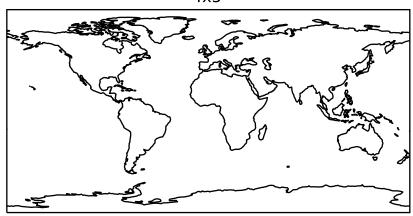
Fractional Difference (Dev-Ref)/Ref, Fixed Range



Undefined throughout domain unitless

## EmisCH4\_Biofuel

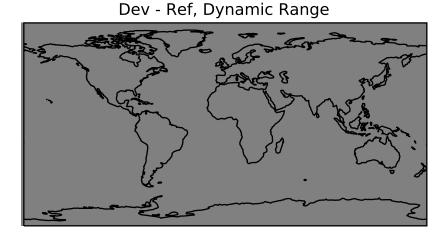
GC\_12.3.0 (Ref) 4x5



Zero throughout domain kg/m2/s

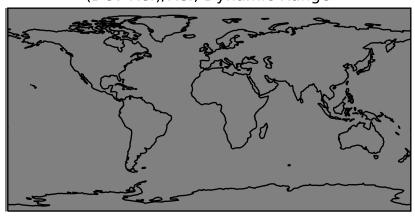
kg/IIIZ/S

Difference



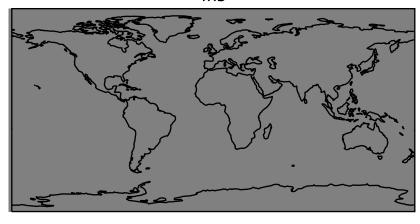
Undefined throughout domain kg/m2/s

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



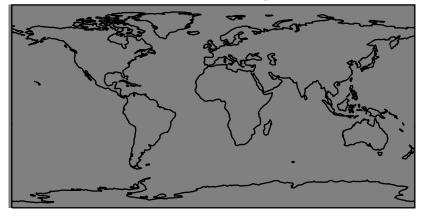
Undefined throughout domain unitless

GC\_12.5.0 (Dev) 4x5



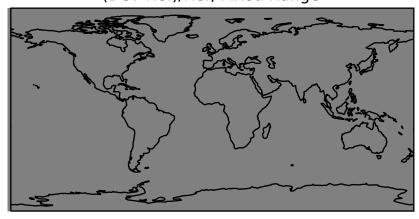
Undefined throughout domain kg/m2/s

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



Undefined throughout domain kg/m2/s

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



Undefined throughout domain unitless

## EmisCO\_Biofuel

GC\_12.3.0 (Ref)
4x5

0.0

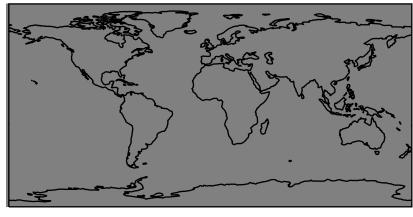
1.5

3.0

4.5

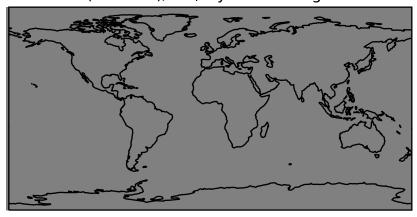
1e-10

Difference Dev - Ref, Dynamic Range



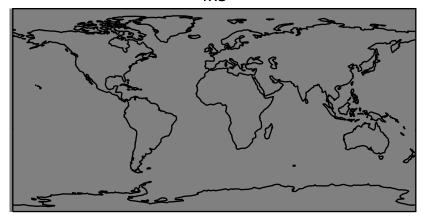
Undefined throughout domain kg/m2/s

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



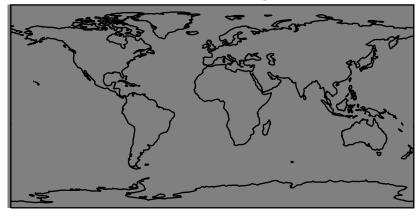
Undefined throughout domain unitless

GC\_12.5.0 (Dev) 4x5



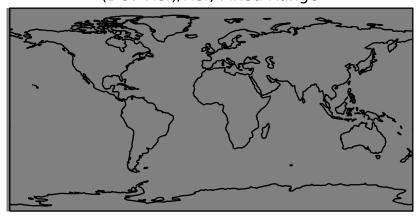
Undefined throughout domain kg/m2/s

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



Undefined throughout domain kg/m2/s

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



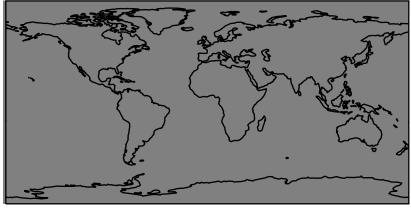
Undefined throughout domain unitless

# EmisGLYC\_Biofuel

GC\_12.3.0 (Ref) 4x5

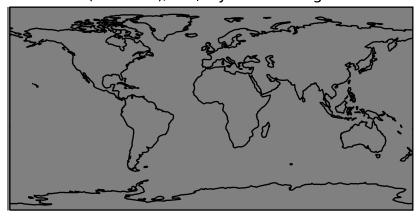
0 1 2 3 kg/m2/s 1e-12

Difference Dev - Ref, Dynamic Range



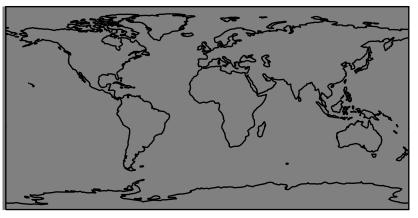
Undefined throughout domain kg/m2/s

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



Undefined throughout domain unitless

GC\_12.5.0 (Dev) 4x5



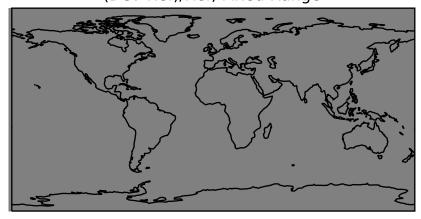
Undefined throughout domain kg/m2/s

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



Undefined throughout domain kg/m2/s

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



Undefined throughout domain unitless

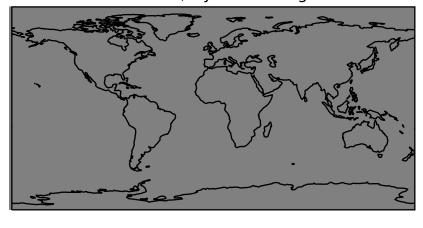
## EmisGLYX\_Biofuel

1e-12

GC\_12.3.0 (Ref) 4x5

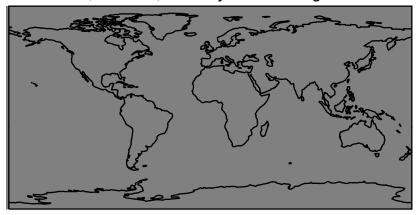
Difference Dev - Ref, Dynamic Range

kg/m2/s



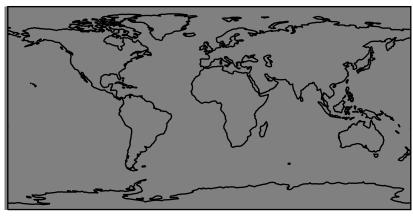
Undefined throughout domain kg/m2/s

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



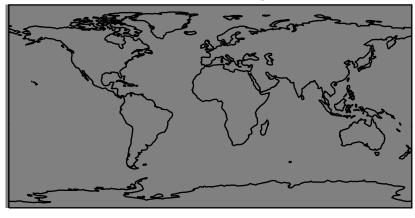
Undefined throughout domain unitless

GC\_12.5.0 (Dev) 4x5



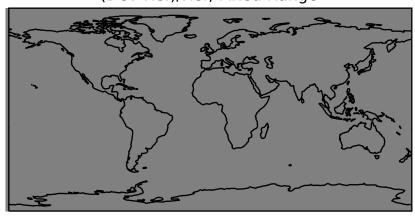
Undefined throughout domain kg/m2/s

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



Undefined throughout domain kg/m2/s

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



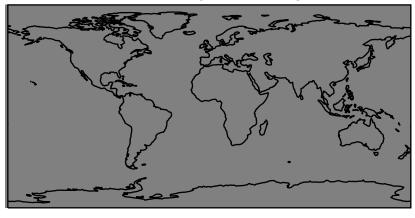
Undefined throughout domain unitless

## EmisHAC\_Biofuel

GC\_12.3.0 (Ref)
4x5

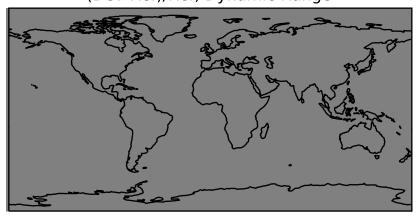
0.0 1.5 3.0 kg/m2/s 1e-12

Difference Dev - Ref, Dynamic Range



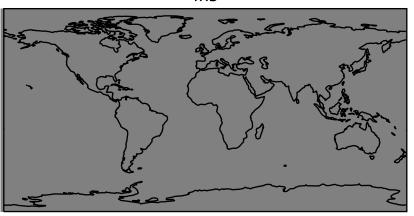
Undefined throughout domain kg/m2/s

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



Undefined throughout domain unitless

GC\_12.5.0 (Dev) 4x5



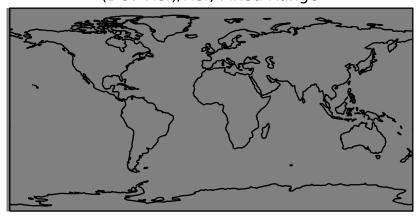
Undefined throughout domain kg/m2/s

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



Undefined throughout domain kg/m2/s

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



Undefined throughout domain unitless

### EmisHCOOH\_Biofuel

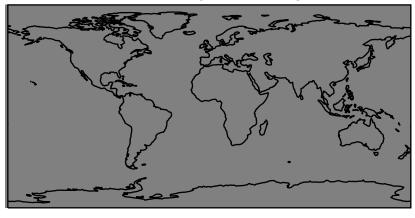
1e-12

GC\_12.3.0 (Ref)
4x5

0.0 1.5 3.0 4.5

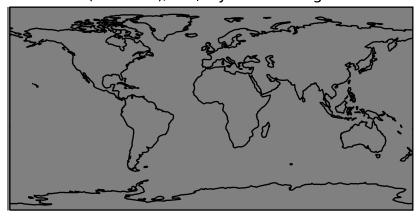
Difference Dev - Ref, Dynamic Range

kg/m2/s



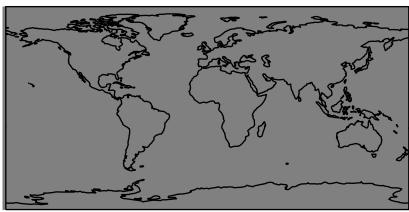
Undefined throughout domain kg/m2/s

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



Undefined throughout domain unitless

GC\_12.5.0 (Dev) 4x5



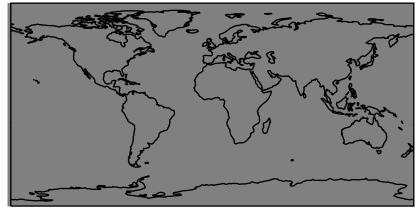
Undefined throughout domain kg/m2/s

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



Undefined throughout domain kg/m2/s

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



Undefined throughout domain unitless

### EmisMACR\_Biofuel

GC\_12.3.0 (Ref)
4x5

0.0

1.5

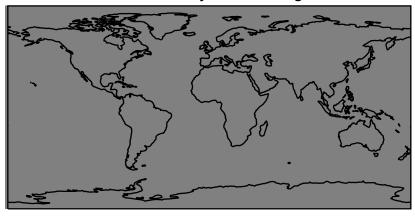
3.0

4.5

kg/m2/s

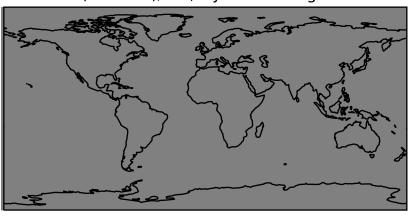
1e-14

Difference Dev - Ref, Dynamic Range



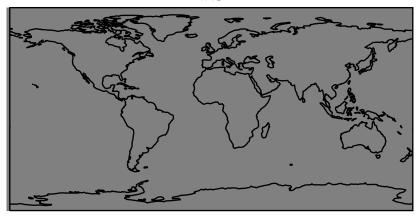
Undefined throughout domain kg/m2/s

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



Undefined throughout domain unitless

GC\_12.5.0 (Dev) 4x5



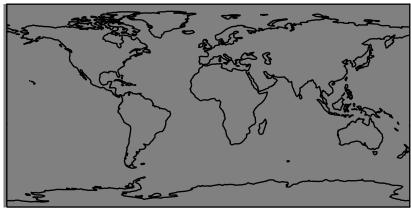
Undefined throughout domain kg/m2/s

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



Undefined throughout domain kg/m2/s

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



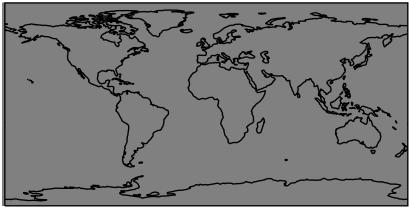
Undefined throughout domain unitless

## EmisMEK\_Biofuel

GC\_12.3.0 (Ref)
4x5

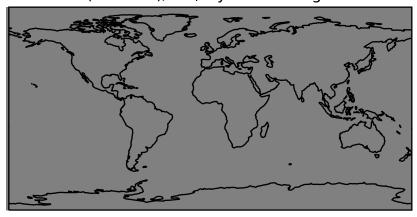
0.0 1.5 3.0 4.5
kg/m2/s 1e-12

Difference Dev - Ref, Dynamic Range



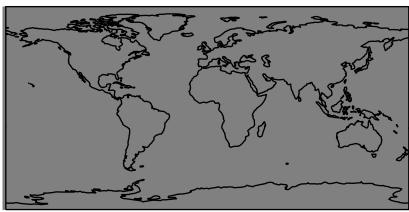
Undefined throughout domain kg/m2/s

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



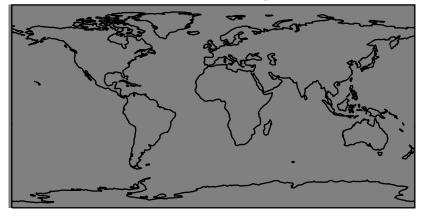
Undefined throughout domain unitless

GC\_12.5.0 (Dev) 4x5



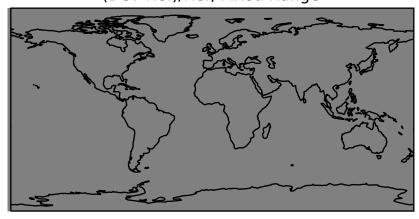
Undefined throughout domain kg/m2/s

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



Undefined throughout domain kg/m2/s

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



Undefined throughout domain unitless

## EmisMGLY\_Biofuel

GC\_12.3.0 (Ref)
4x5

0.0

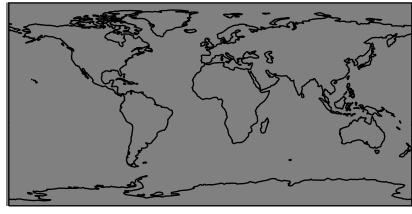
1.5

3.0

kg/m2/s

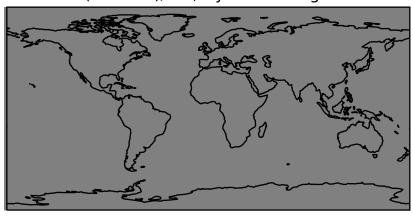
1e-12

Difference Dev - Ref, Dynamic Range



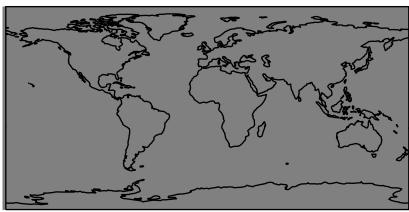
Undefined throughout domain kg/m2/s

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



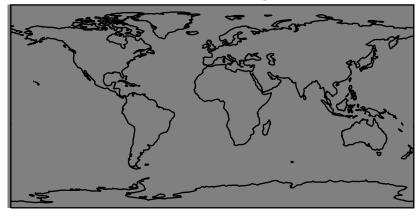
Undefined throughout domain unitless

GC\_12.5.0 (Dev) 4x5



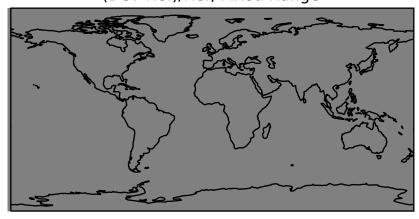
Undefined throughout domain kg/m2/s

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



Undefined throughout domain kg/m2/s

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



Undefined throughout domain unitless

## EmisNH3\_Biofuel

GC\_12.3.0 (Ref) 4x5

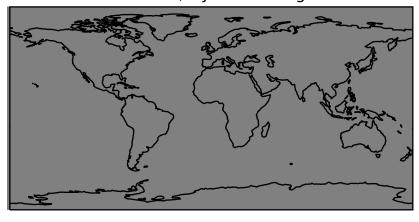
Difference Dev - Ref, Dynamic Range

kg/m2/s

6

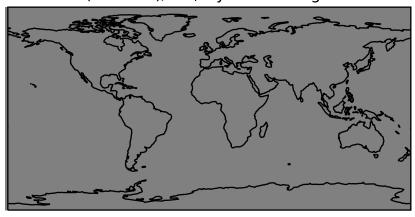
1e-13

2



Undefined throughout domain kg/m2/s

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



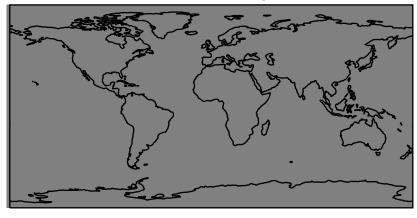
Undefined throughout domain unitless

GC\_12.5.0 (Dev) 4x5



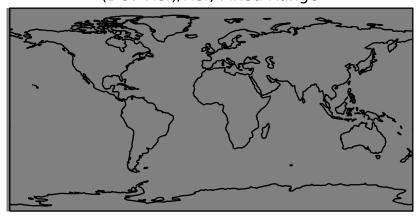
Undefined throughout domain kg/m2/s

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



Undefined throughout domain kg/m2/s

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



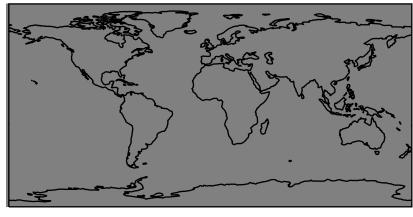
Undefined throughout domain unitless

## EmisNO\_Biofuel

GC\_12.3.0 (Ref)
4x5

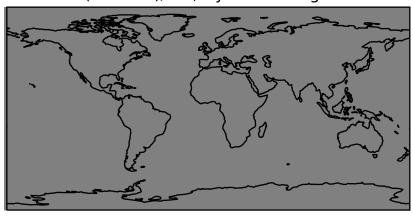
0.0 0.6 1.2 1.8
kg/m2/s 1e-12

Difference Dev - Ref, Dynamic Range



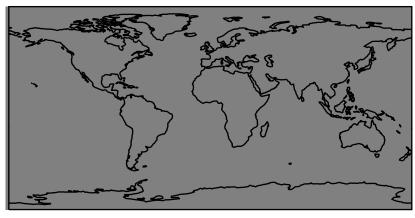
Undefined throughout domain kg/m2/s

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



Undefined throughout domain unitless

GC\_12.5.0 (Dev) 4x5



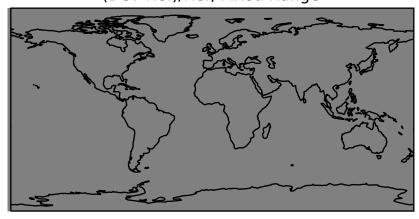
Undefined throughout domain kg/m2/s

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



Undefined throughout domain kg/m2/s

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



Undefined throughout domain unitless

## EmisOCPI\_Biofuel

GC\_12.3.0 (Ref)
4x5

0.00

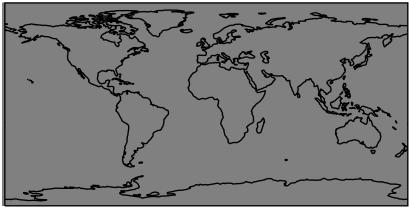
0.25

0.50

0.75

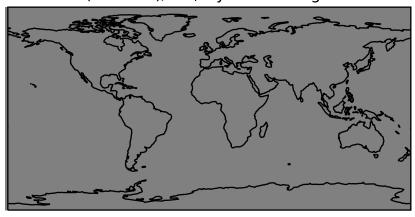
1e-11

Difference Dev - Ref, Dynamic Range



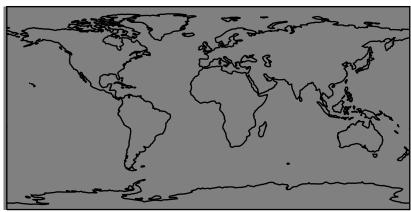
Undefined throughout domain kg/m2/s

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



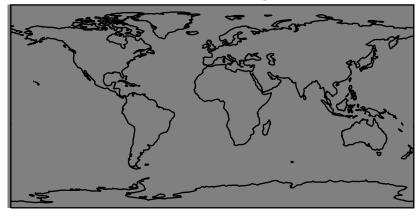
Undefined throughout domain unitless

GC\_12.5.0 (Dev) 4x5



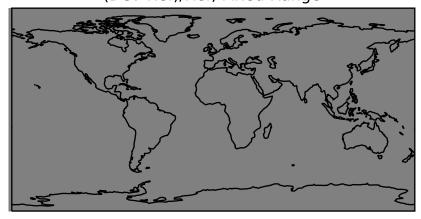
Undefined throughout domain kg/m2/s

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



Undefined throughout domain kg/m2/s

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



Undefined throughout domain unitless

# EmisOCPO\_Biofuel

GC\_12.3.0 (Ref)
4x5

0.00

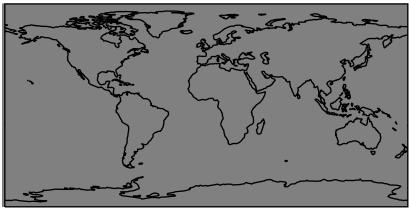
0.25

0.50

0.75

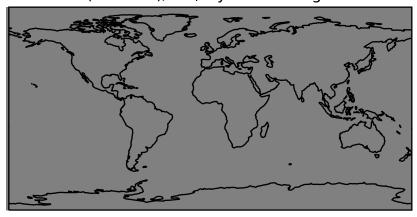
1e-11

Difference Dev - Ref, Dynamic Range



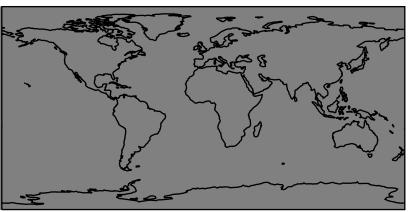
Undefined throughout domain kg/m2/s

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



Undefined throughout domain unitless

GC\_12.5.0 (Dev) 4x5



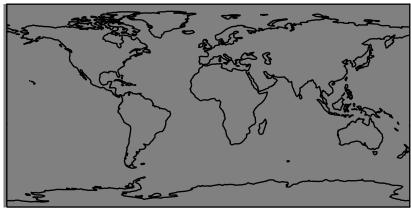
Undefined throughout domain kg/m2/s

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



Undefined throughout domain kg/m2/s

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



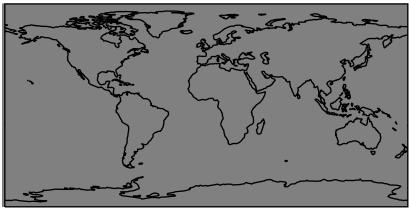
Undefined throughout domain unitless

## EmispFe\_Biofuel

GC\_12.3.0 (Ref)
4x5

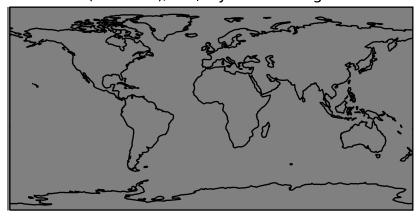
0.0 0.8 1.6 2.4 1e-15

Difference Dev - Ref, Dynamic Range



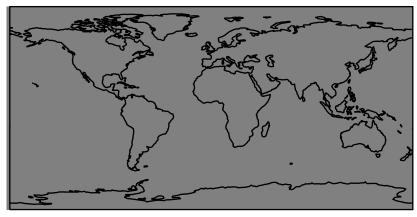
Undefined throughout domain kg/m2/s

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



Undefined throughout domain unitless

GC\_12.5.0 (Dev) 4x5



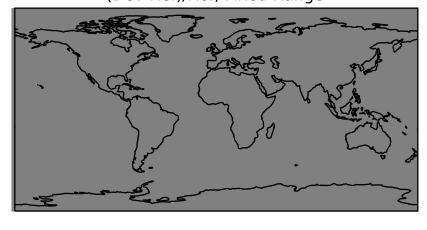
Undefined throughout domain kg/m2/s

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



Undefined throughout domain kg/m2/s

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



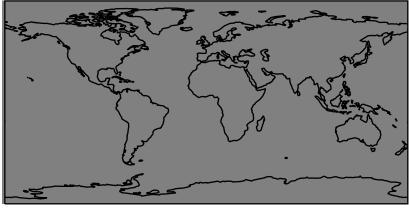
Undefined throughout domain unitless

## EmisPRPE\_Biofuel

GC\_12.3.0 (Ref) 4x5

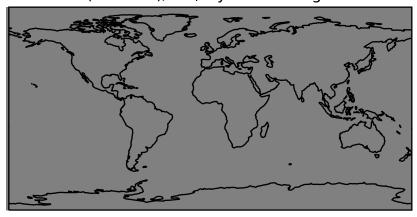
0 2 4 6 kg/m2/s 1e-12

Difference Dev - Ref, Dynamic Range



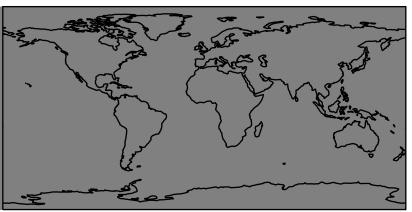
Undefined throughout domain kg/m2/s

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



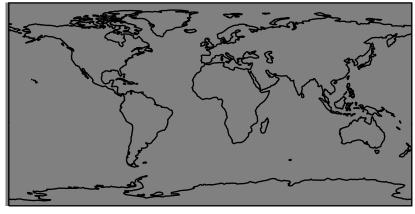
Undefined throughout domain unitless

GC\_12.5.0 (Dev) 4x5



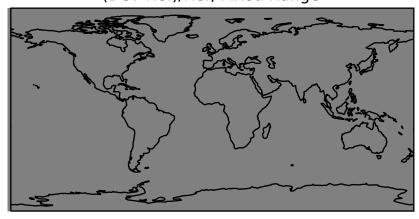
Undefined throughout domain kg/m2/s

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



Undefined throughout domain kg/m2/s

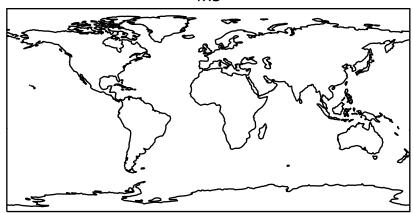
Fractional Difference (Dev-Ref)/Ref, Fixed Range



Undefined throughout domain unitless

## EmisRCHO\_Biofuel

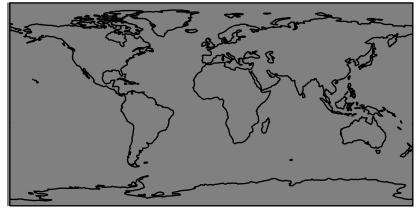
GC\_12.3.0 (Ref) 4x5



Zero throughout domain kg/m2/s

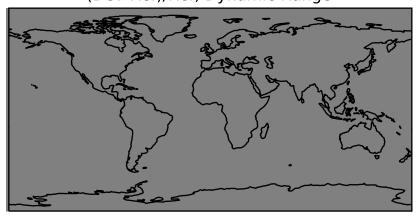
Kg/1112/3

Difference Dev - Ref, Dynamic Range



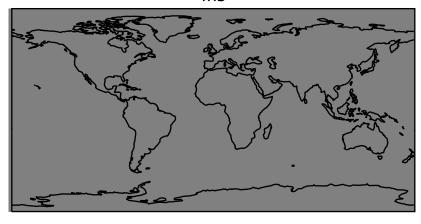
Undefined throughout domain kg/m2/s

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



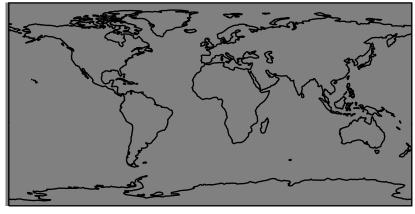
Undefined throughout domain unitless

GC\_12.5.0 (Dev) 4x5



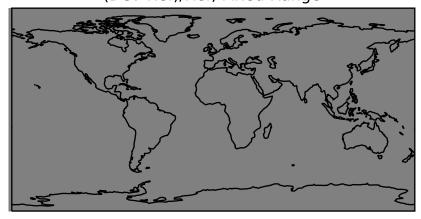
Undefined throughout domain kg/m2/s

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



Undefined throughout domain kg/m2/s

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



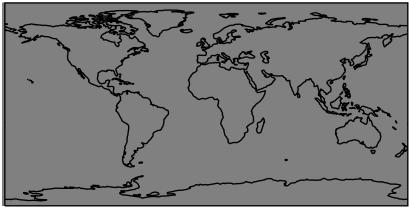
Undefined throughout domain unitless

## EmisSO2\_Biofuel

GC\_12.3.0 (Ref)
4x5

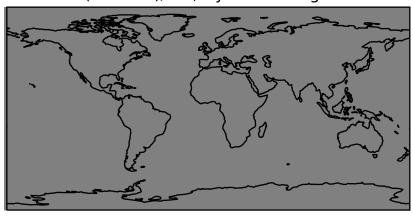
0.0 0.8 1.6 2.4 1e-12

Difference Dev - Ref, Dynamic Range



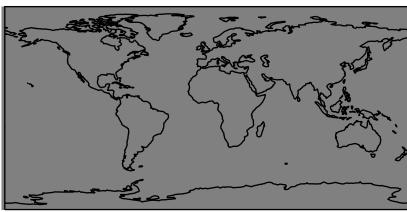
Undefined throughout domain kg/m2/s

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



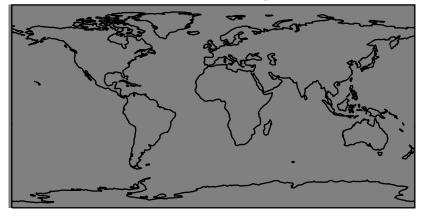
Undefined throughout domain unitless

GC\_12.5.0 (Dev) 4x5



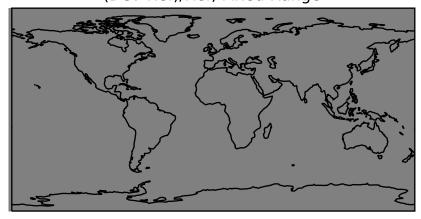
Undefined throughout domain kg/m2/s

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



Undefined throughout domain kg/m2/s

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



Undefined throughout domain unitless

## EmisSO4\_Biofuel

GC\_12.3.0 (Ref)
4x5

0.00

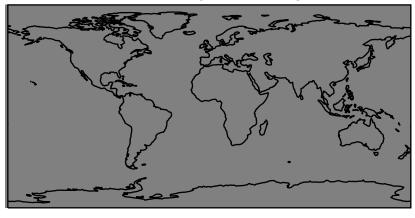
0.25

0.50

kg/m2/s

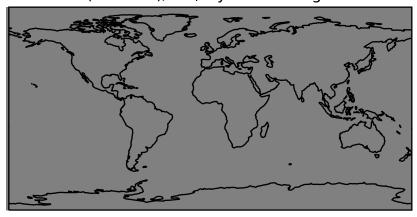
0.75

Difference Dev - Ref, Dynamic Range



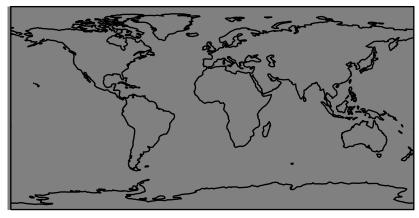
Undefined throughout domain kg/m2/s

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



Undefined throughout domain unitless

GC\_12.5.0 (Dev) 4x5



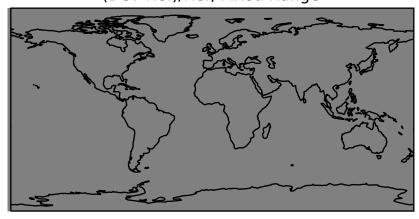
Undefined throughout domain kg/m2/s

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



Undefined throughout domain kg/m2/s

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



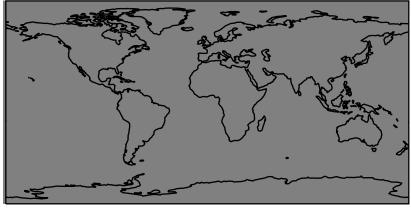
Undefined throughout domain unitless

## EmisSOAP\_Biofuel

GC\_12.3.0 (Ref) 4x5

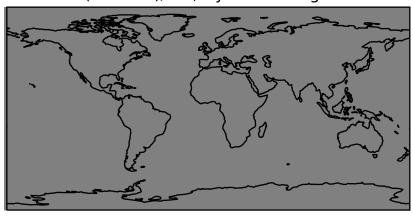
0 1 2 3 kg/m2/s 1e-11

Difference Dev - Ref, Dynamic Range



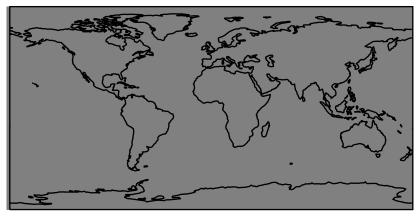
Undefined throughout domain kg/m2/s

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



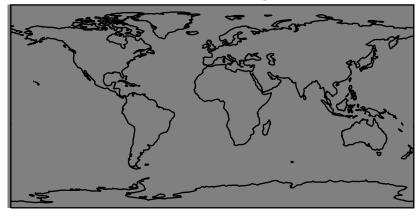
Undefined throughout domain unitless

GC\_12.5.0 (Dev) 4x5



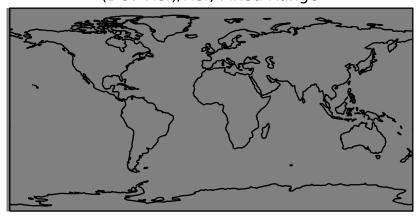
Undefined throughout domain kg/m2/s

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



Undefined throughout domain kg/m2/s

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



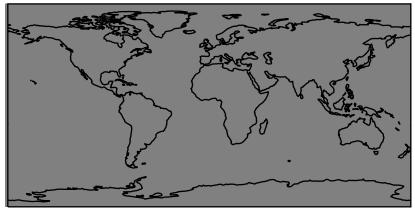
Undefined throughout domain unitless

## EmisTOLU\_Biofuel

GC\_12.3.0 (Ref)
4x5

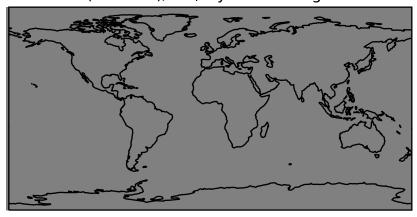
0.0 0.4 0.8 1.2 kg/m2/s 1e-11

Difference Dev - Ref, Dynamic Range



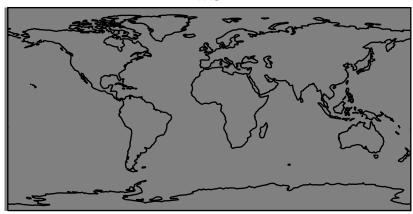
Undefined throughout domain kg/m2/s

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



Undefined throughout domain unitless

GC\_12.5.0 (Dev) 4x5



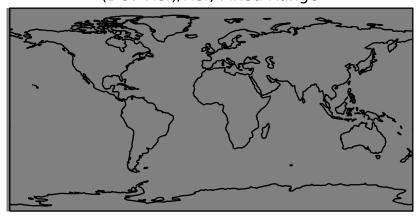
Undefined throughout domain kg/m2/s

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



Undefined throughout domain kg/m2/s

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



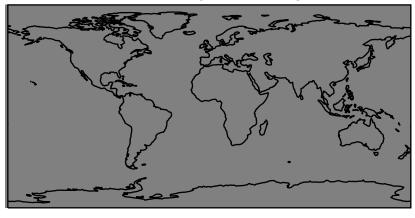
Undefined throughout domain unitless

## EmisXYLE\_Biofuel

GC\_12.3.0 (Ref)
4x5

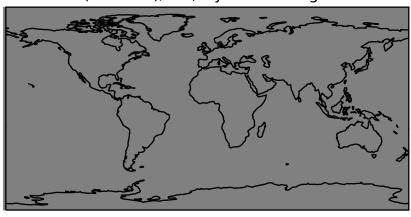
0.0 0.6 1.2 1.8
kg/m2/s 1e-12

Difference Dev - Ref, Dynamic Range



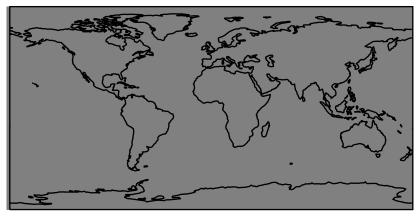
Undefined throughout domain kg/m2/s

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



Undefined throughout domain unitless

GC\_12.5.0 (Dev) 4x5



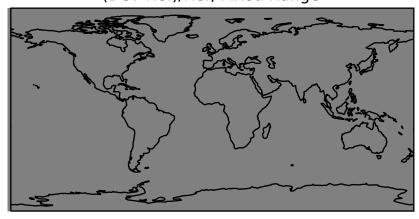
Undefined throughout domain kg/m2/s

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



Undefined throughout domain kg/m2/s

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



Undefined throughout domain unitless