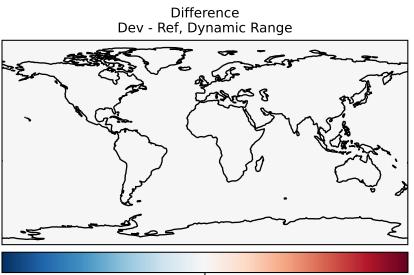
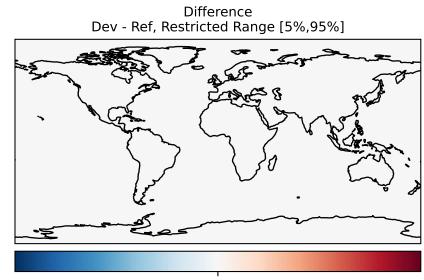
## EmisACET\_BioBurn (Apr2019)

gcc-14.3.0-rc.0 (Ref) 4.0x5.0

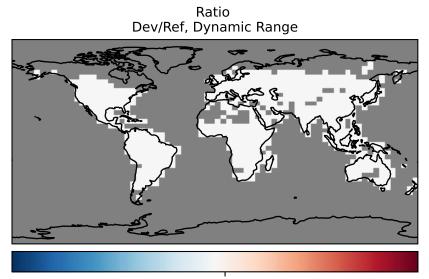
gcc-14.4.0-rc.0 (Dev) 4.0x5.0

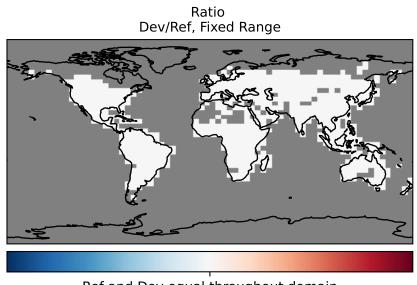




Zero throughout domain kg/m2/s

Zero throughout domain kg/m2/s

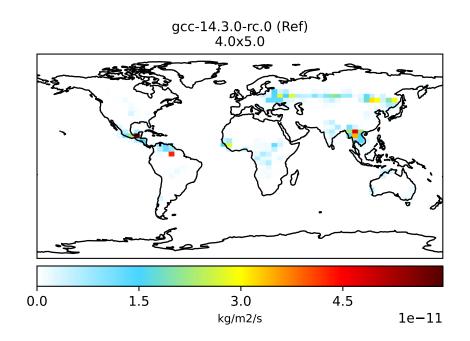


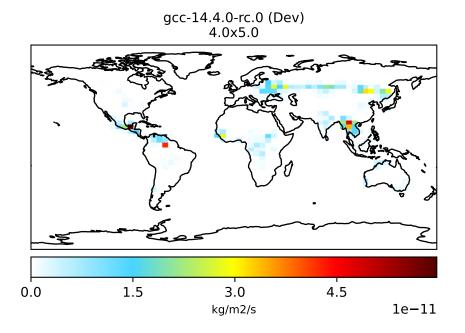


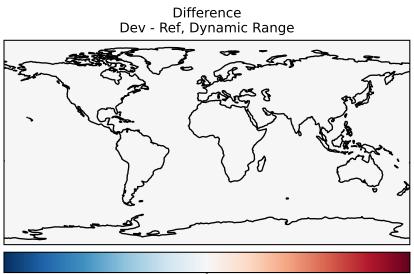
Ref and Dev equal throughout domain unitless

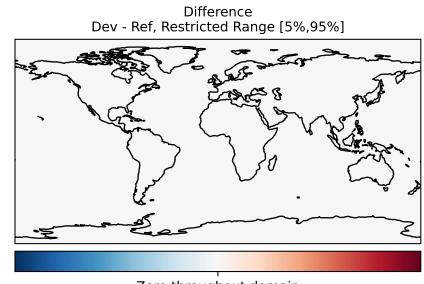
Ref and Dev equal throughout domain unitless

#### EmisACTA\_BioBurn (Apr2019)



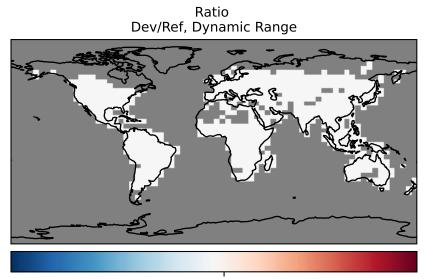


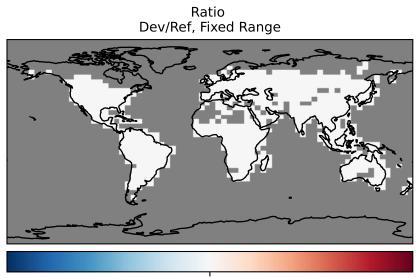




Zero throughout domain kg/m2/s

Zero throughout domain kg/m2/s

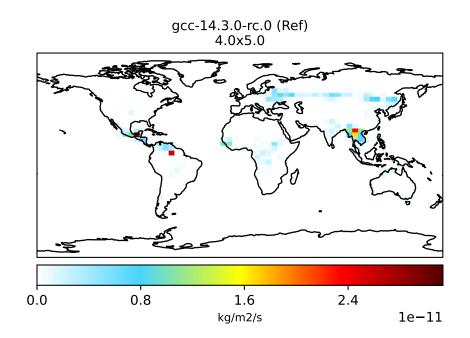




Ref and Dev equal throughout domain unitless

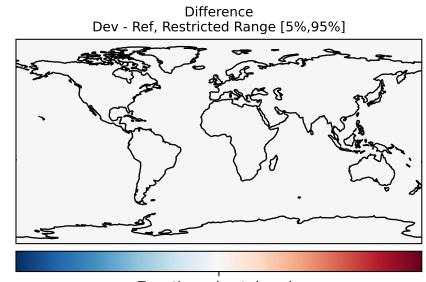
Ref and Dev equal throughout domain unitless

### EmisALD2\_BioBurn (Apr2019)



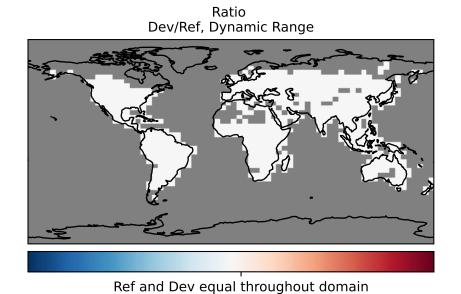
0.0 0.8 1.6 2.4 kg/m2/s 1e-11

Difference Dev - Ref, Dynamic Range

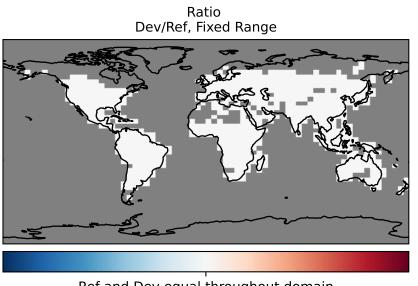


Zero throughout domain kg/m2/s

Zero throughout domain kg/m2/s

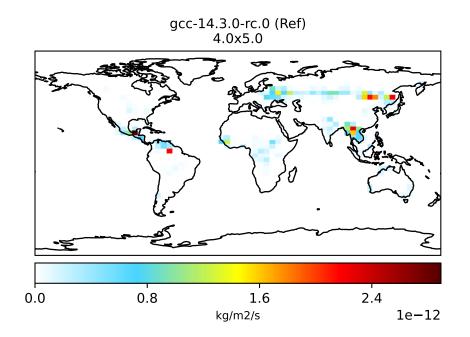


unitless



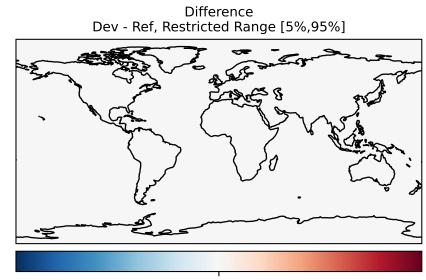
Ref and Dev equal throughout domain unitless

### EmisALK4\_BioBurn (Apr2019)



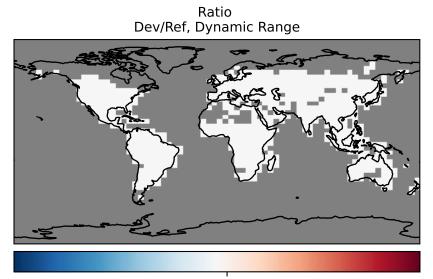
0.0 0.8 1.6 2.4 kg/m2/s 1e-12

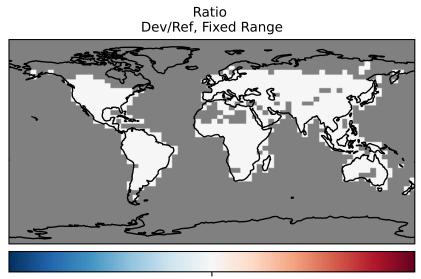
Difference Dev - Ref, Dynamic Range



Zero throughout domain kg/m2/s

Zero throughout domain kg/m2/s

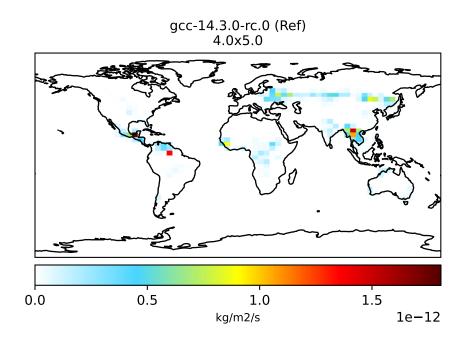


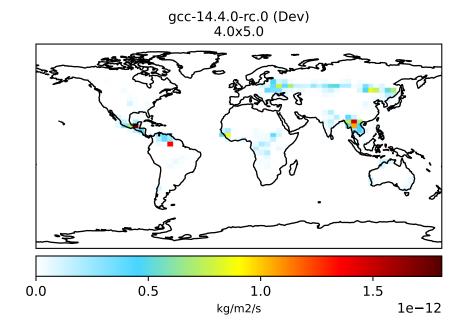


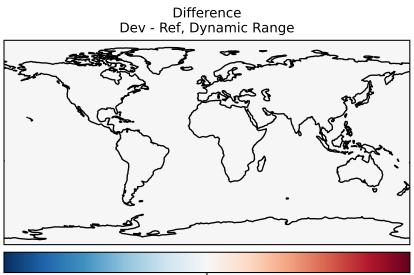
Ref and Dev equal throughout domain unitless

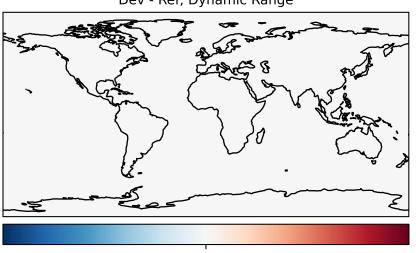
Ref and Dev equal throughout domain unitless

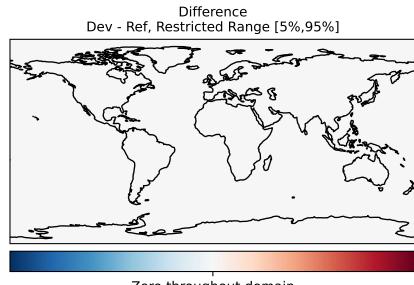
## EmisBCPI\_BioBurn (Apr2019)





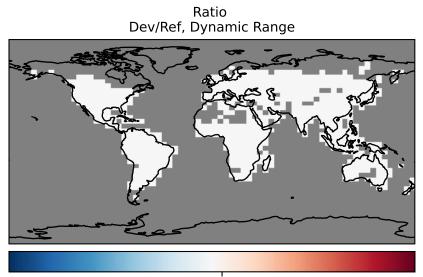


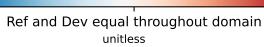


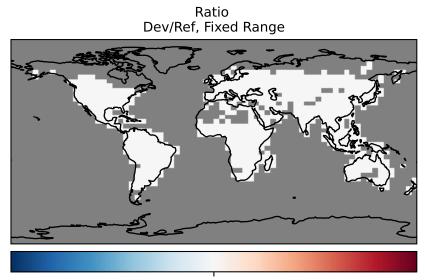


Zero throughout domain kg/m2/s

Zero throughout domain kg/m2/s





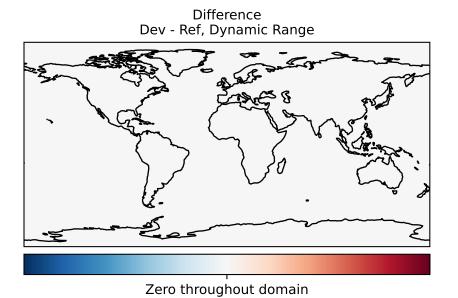


Ref and Dev equal throughout domain unitless

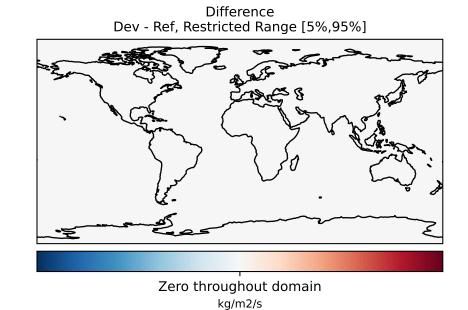
# EmisBCPO\_BioBurn (Apr2019)

gcc-14.3.0-rc.0 (Ref) 4.0x5.0

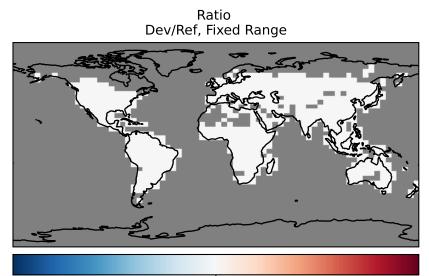
gcc-14.4.0-rc.0 (Dev) 4.0x5.0

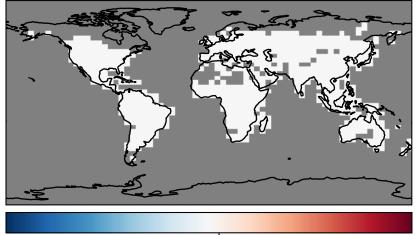


kg/m2/s



Ratio Dev/Ref, Dynamic Range





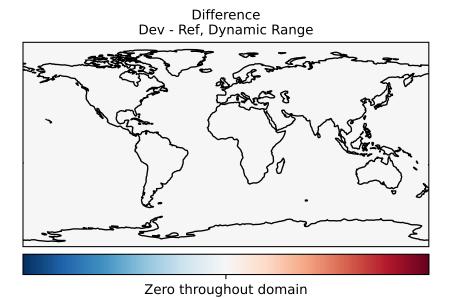
Ref and Dev equal throughout domain unitless

Ref and Dev equal throughout domain unitless

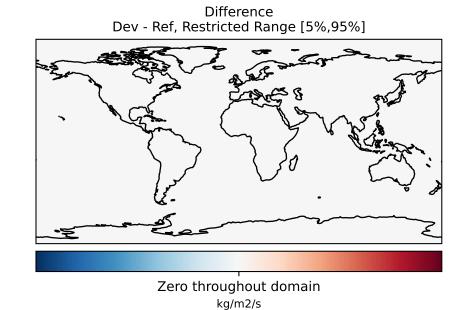
### EmisBENZ\_BioBurn (Apr2019)

gcc-14.3.0-rc.0 (Ref) 4.0x5.0 2 kg/m2/s 1e-12

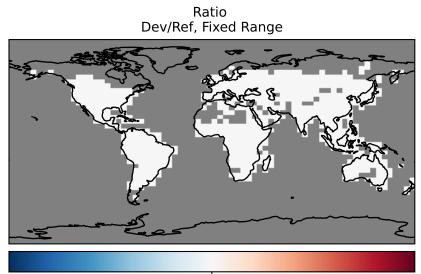
gcc-14.4.0-rc.0 (Dev) 4.0x5.0 2 kg/m2/s 1e-12

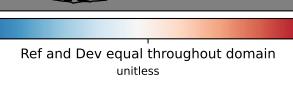


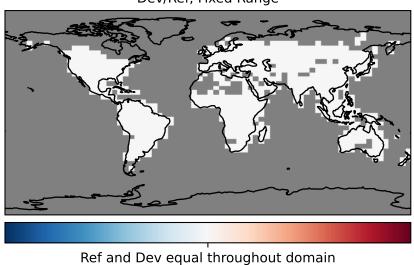
kg/m2/s



Ratio Dev/Ref, Dynamic Range





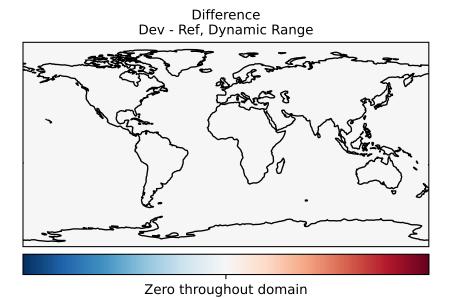


unitless

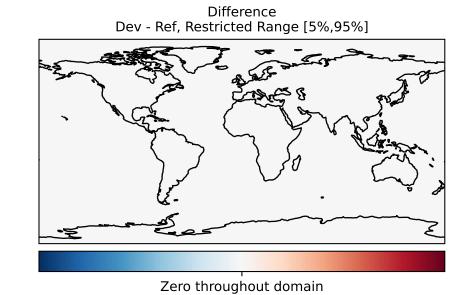
### EmisC2H2\_BioBurn (Apr2019)

gcc-14.3.0-rc.0 (Ref) 4.0x5.0

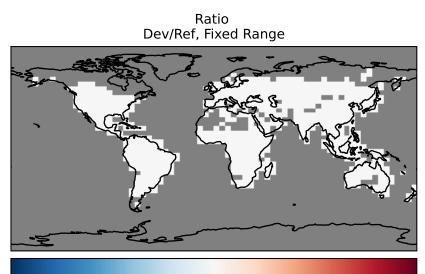
gcc-14.4.0-rc.0 (Dev) 4.0x5.0



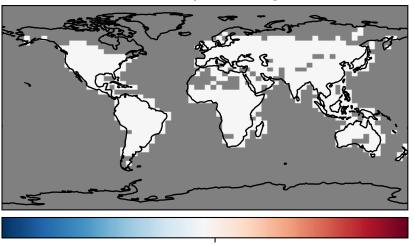
kg/m2/s



Ratio Dev/Ref, Dynamic Range



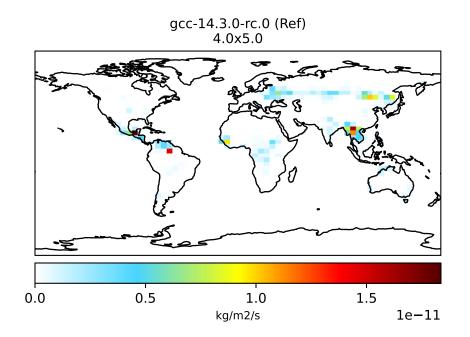
kg/m2/s



Ref and Dev equal throughout domain unitless

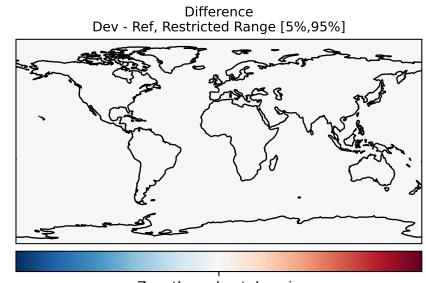
Ref and Dev equal throughout domain unitless

## EmisC2H4\_BioBurn (Apr2019)



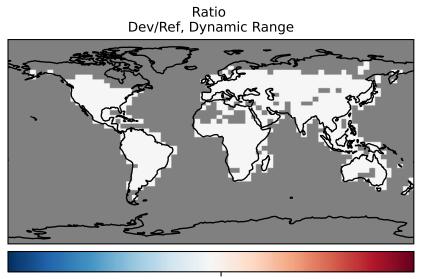
0.0 0.5 1.0 1.5 kg/m2/s 1e-11

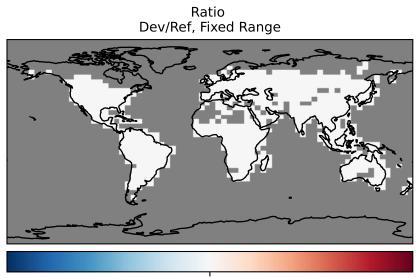
Difference Dev - Ref, Dynamic Range



Zero throughout domain kg/m2/s

Zero throughout domain kg/m2/s

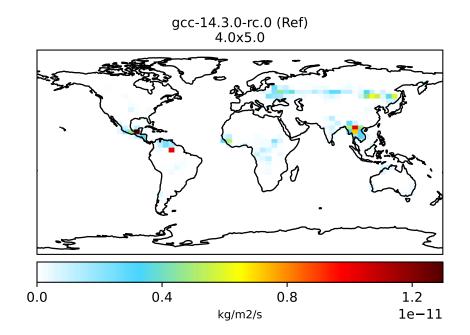




Ref and Dev equal throughout domain unitless

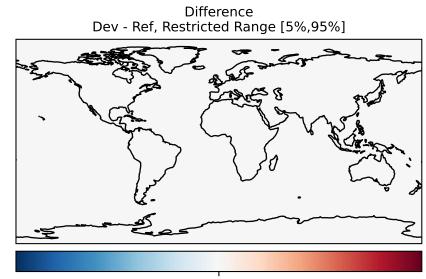
Ref and Dev equal throughout domain unitless

### EmisC2H6\_BioBurn (Apr2019)



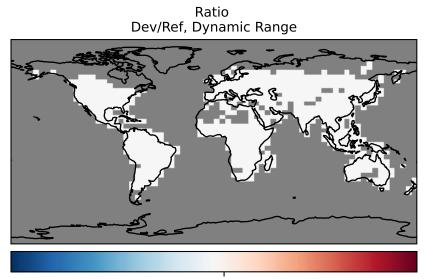
0.0 0.4 0.8 1.2 kg/m2/s 1e-11

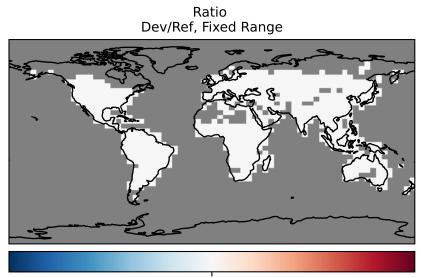
Difference Dev - Ref, Dynamic Range



Zero throughout domain kg/m2/s

Zero throughout domain kg/m2/s





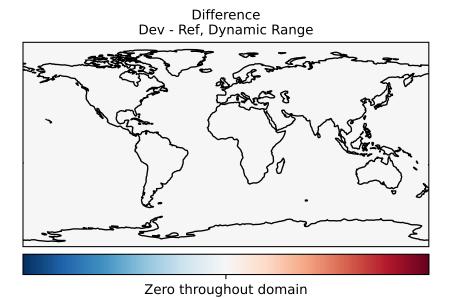
Ref and Dev equal throughout domain unitless

Ref and Dev equal throughout domain unitless

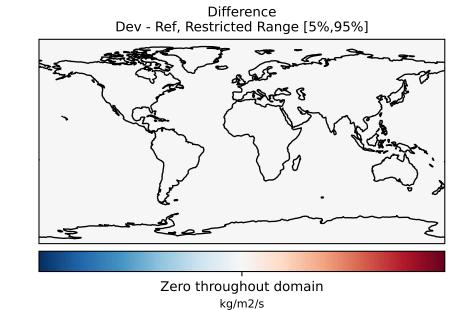
### EmisC3H8\_BioBurn (Apr2019)

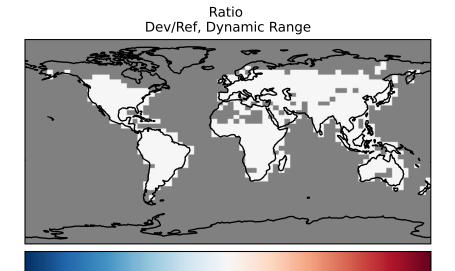
gcc-14.3.0-rc.0 (Ref) 4.0x5.0 2 kg/m2/s 1e-12

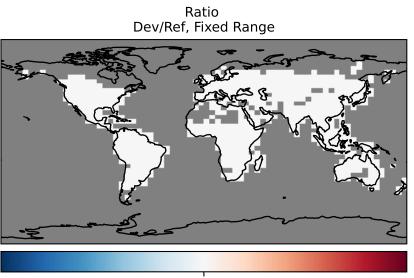
gcc-14.4.0-rc.0 (Dev) 4.0x5.0 2 kg/m2/s 1e-12



kg/m2/s







Ref and Dev equal throughout domain . unitless

Ref and Dev equal throughout domain

unitless

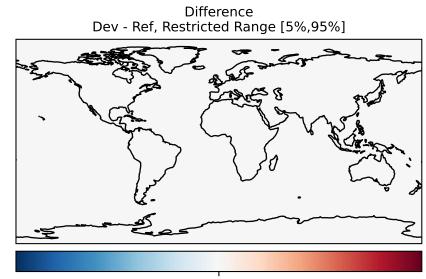
## EmisCH2O\_BioBurn (Apr2019)

gcc-14.3.0-rc.0 (Ref) 4.0x5.0

gcc-14.4.0-rc.0 (Dev) 4.0x5.0

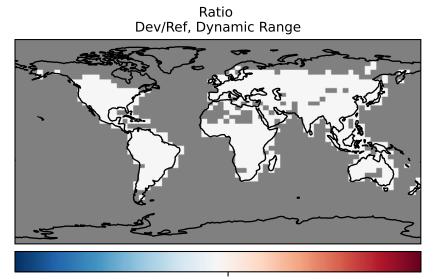
1
2
3
kg/m2/s
1e-11

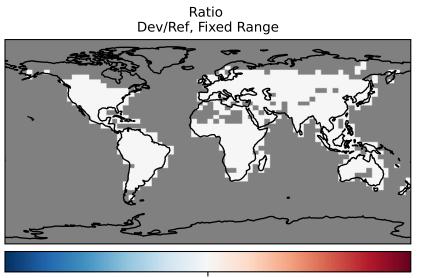
Difference Dev - Ref, Dynamic Range



Zero throughout domain kg/m2/s

Zero throughout domain kg/m2/s

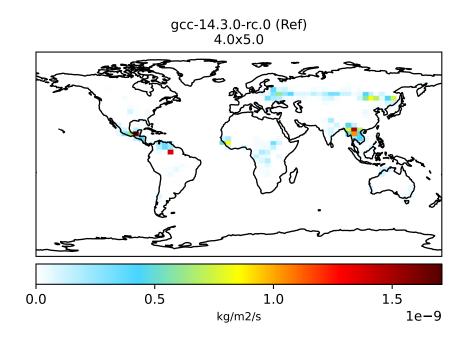




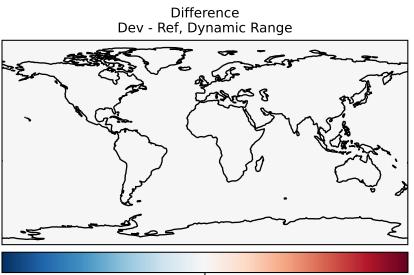
Ref and Dev equal throughout domain unitless

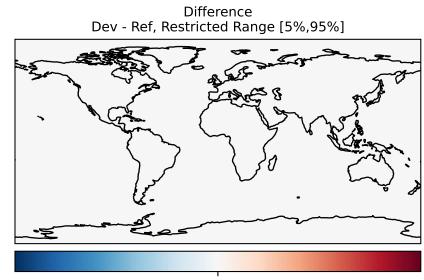
Ref and Dev equal throughout domain unitless

## EmisCO\_BioBurn (Apr2019)



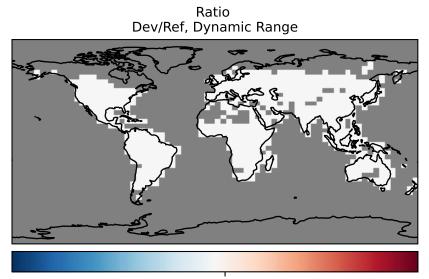
9cc-14.4.0-rc.0 (Dev) 4.0x5.0 0.0 0.5 1.0 1.5 kg/m2/s 1e-9

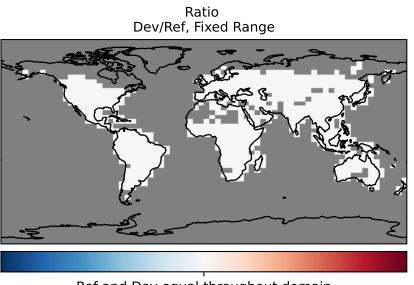




Zero throughout domain kg/m2/s

Zero throughout domain kg/m2/s

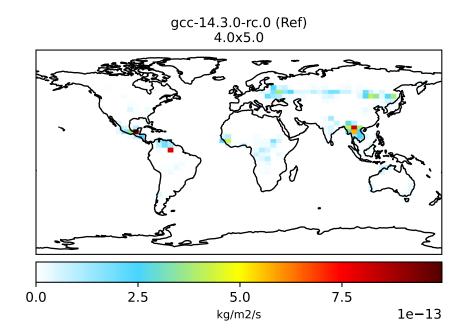


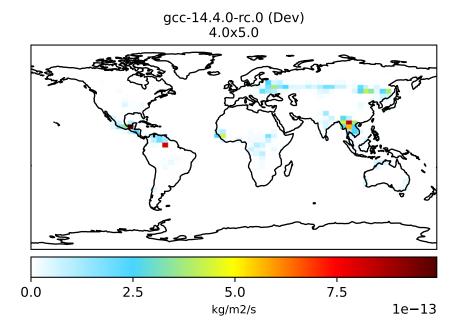


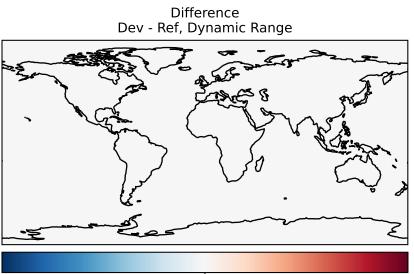
Ref and Dev equal throughout domain unitless

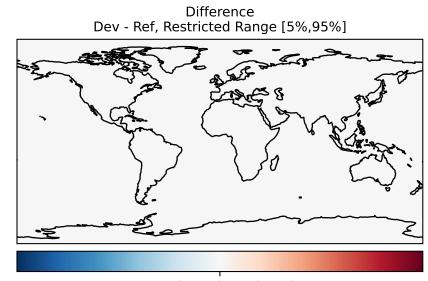
Ref and Dev equal throughout domain unitless

### EmisEOH\_BioBurn (Apr2019)



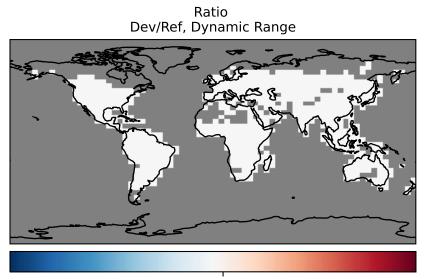


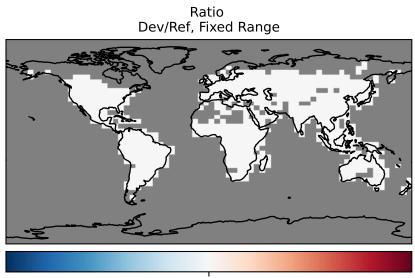




Zero throughout domain kg/m2/s

Zero throughout domain kg/m2/s

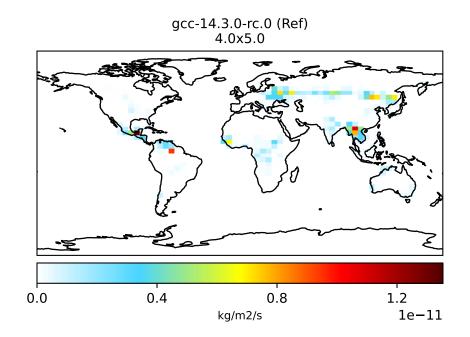




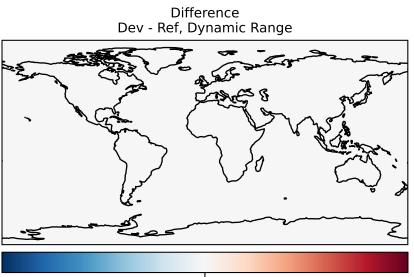
Ref and Dev equal throughout domain unitless

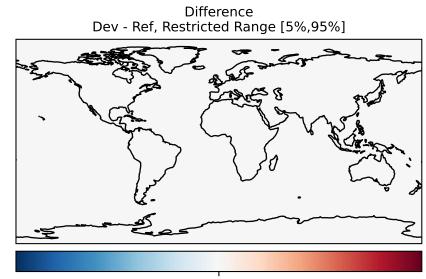
Ref and Dev equal throughout domain unitless

## EmisFURA\_BioBurn (Apr2019)



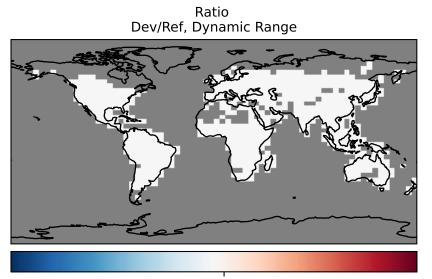
0.0 0.4 0.8 1.2 kg/m2/s 1e-11

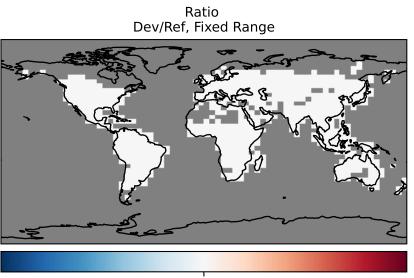




Zero throughout domain kg/m2/s

Zero throughout domain kg/m2/s





Ref and Dev equal throughout domain unitless

Ref and Dev equal throughout domain unitless

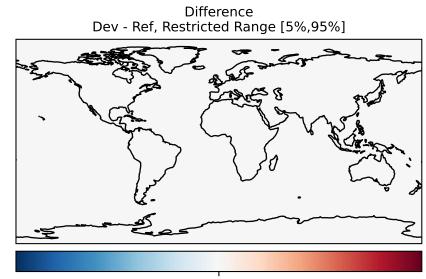
### EmisGLYX\_BioBurn (Apr2019)

gcc-14.3.0-rc.0 (Ref) 4.0x5.0

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

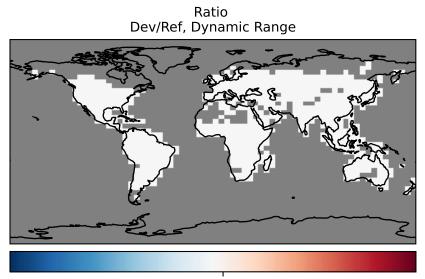
gcc-14.4.0-rc.0 (Dev) 4.0x5.0

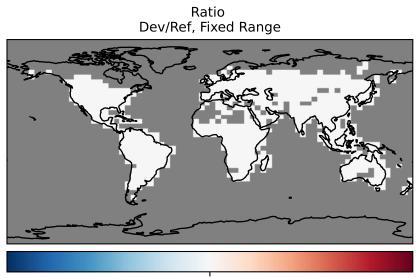
Difference Dev - Ref, Dynamic Range



Zero throughout domain kg/m2/s

Zero throughout domain kg/m2/s

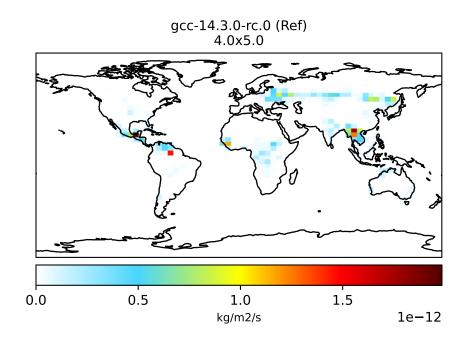


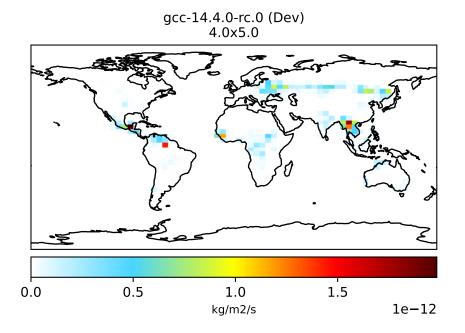


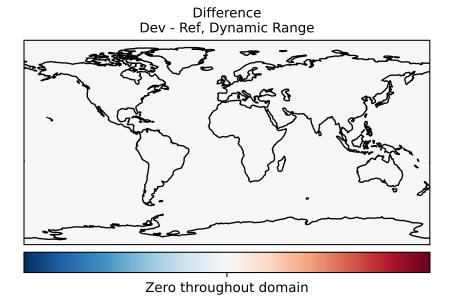
Ref and Dev equal throughout domain unitless

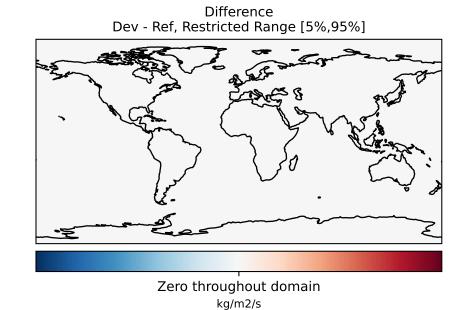
Ref and Dev equal throughout domain unitless

### EmisISOP\_BioBurn (Apr2019)

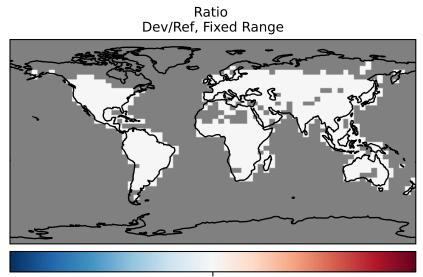








kg/m2/s Ratio Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain

. unitless

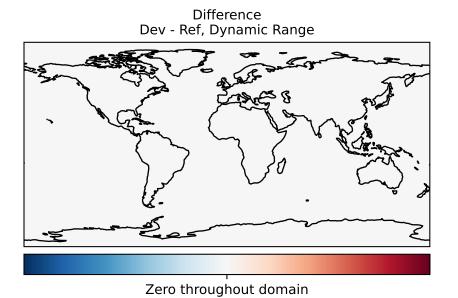
Ref and Dev equal throughout domain

unitless

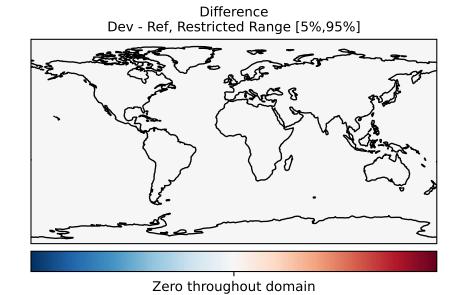
## EmisMEK\_BioBurn (Apr2019)

gcc-14.3.0-rc.0 (Ref) 4.0x5.0

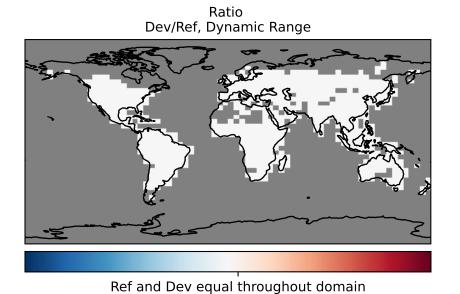
gcc-14.4.0-rc.0 (Dev) 4.0x5.0



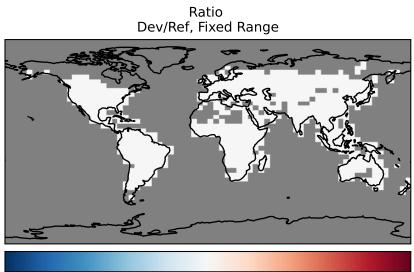
kg/m2/s



kg/m2/s

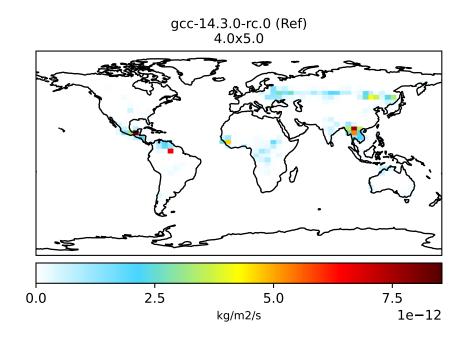


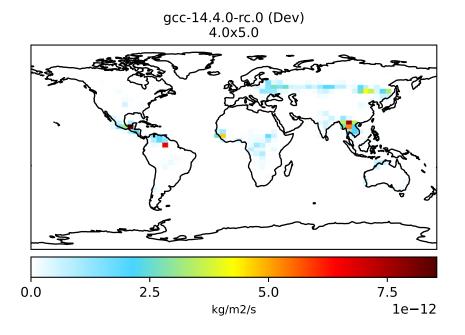
. unitless

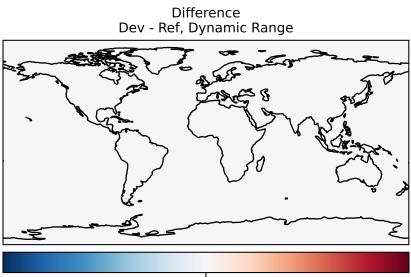


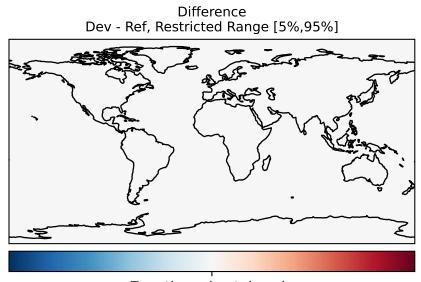
Ref and Dev equal throughout domain unitless

## EmisMGLY\_BioBurn (Apr2019)



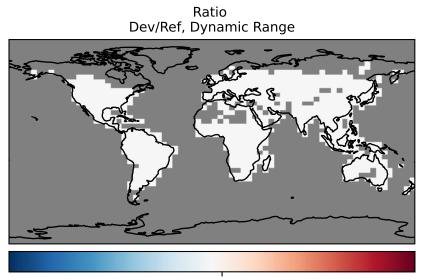


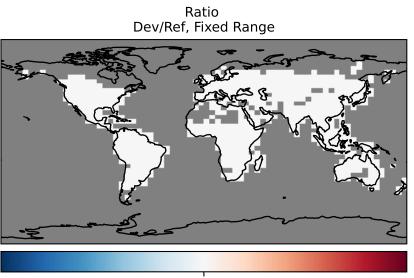




Zero throughout domain kg/m2/s

Zero throughout domain kg/m2/s

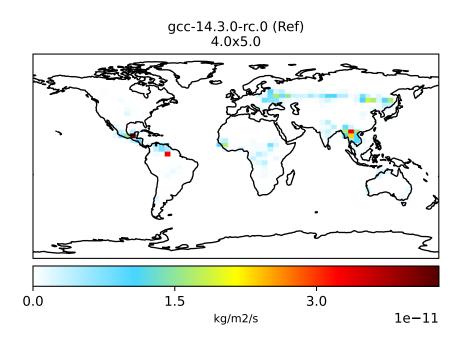


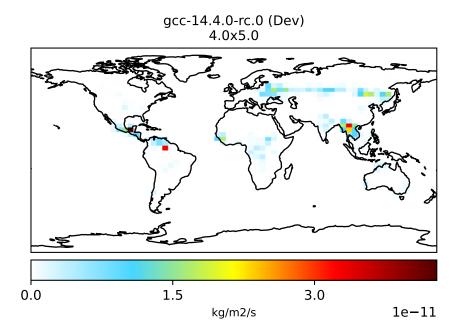


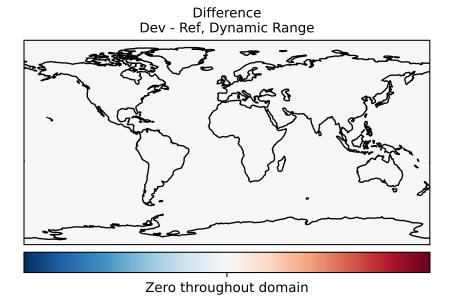
Ref and Dev equal throughout domain unitless

Ref and Dev equal throughout domain unitless

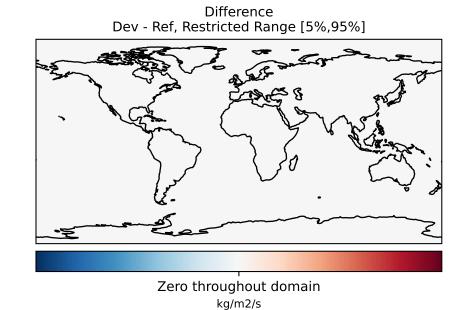
### EmisMOH\_BioBurn (Apr2019)

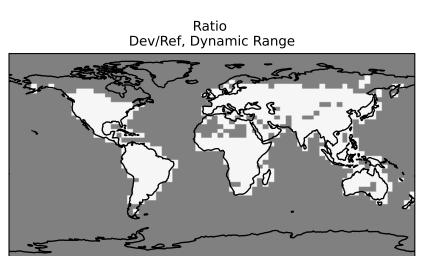


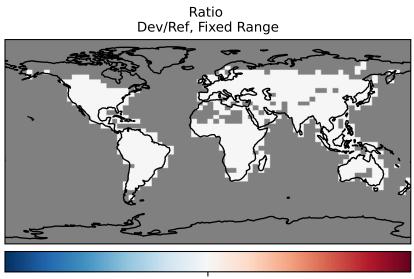




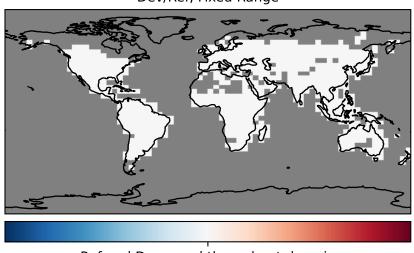
kg/m2/s







Ref and Dev equal throughout domain . unitless



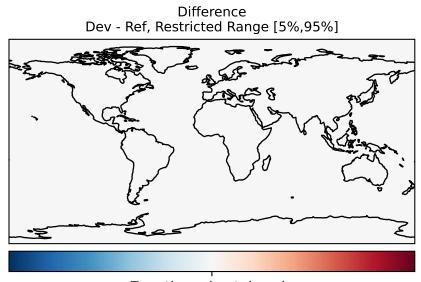
Ref and Dev equal throughout domain unitless

## EmisMTPA\_BioBurn (Apr2019)

gcc-14.3.0-rc.0 (Ref) 4.0x5.0

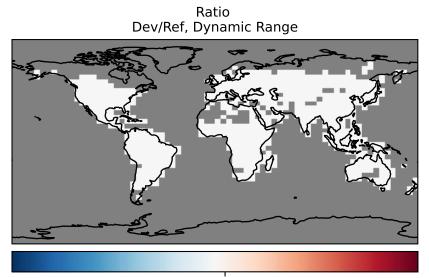
gcc-14.4.0-rc.0 (Dev) 4.0x5.0

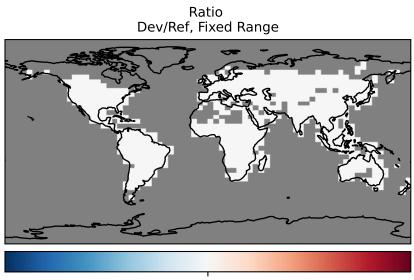
Difference Dev - Ref, Dynamic Range



Zero throughout domain kg/m2/s

Zero throughout domain kg/m2/s





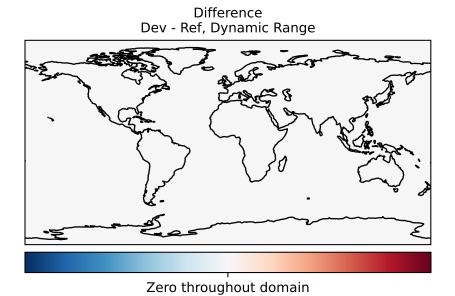
Ref and Dev equal throughout domain unitless

Ref and Dev equal throughout domain unitless

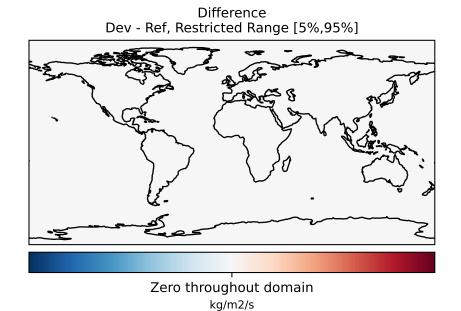
#### EmisMVK\_BioBurn (Apr2019)

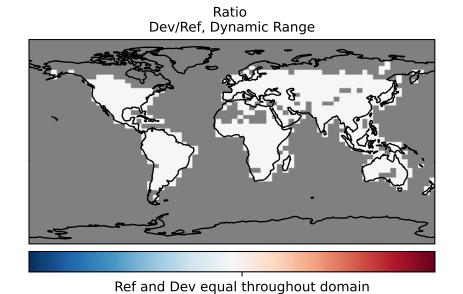
gcc-14.3.0-rc.0 (Ref) 4.0x5.0

gcc-14.4.0-rc.0 (Dev) 4.0x5.0

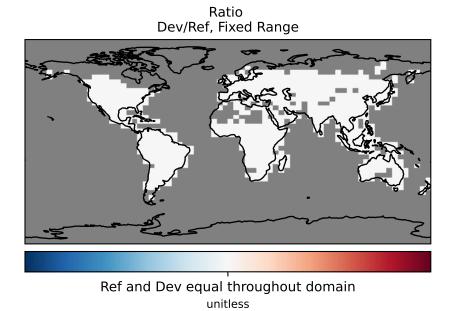


kg/m2/s

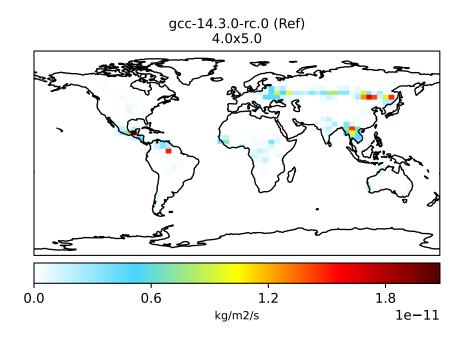




. unitless



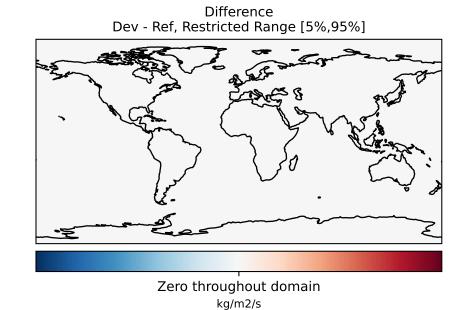
### EmisNH3\_BioBurn (Apr2019)



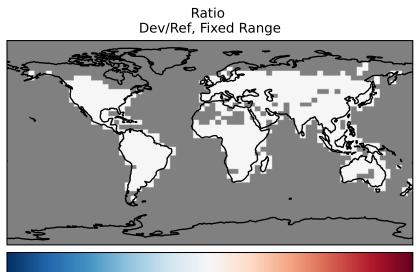
0.0 0.6 1.2 1.8 kg/m2/s 1e-11

Difference Dev - Ref, Dynamic Range

Zero throughout domain kg/m2/s



Ratio Dev/Ref, Dynamic Range

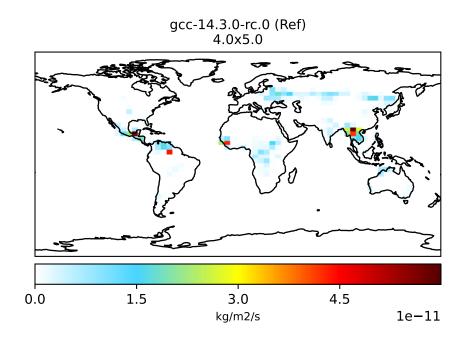


Ref and Dev equal throughout domain

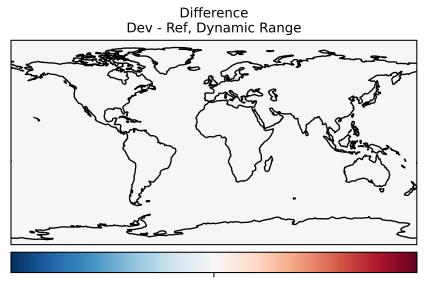
Ref and Dev equal throughout domain unitless

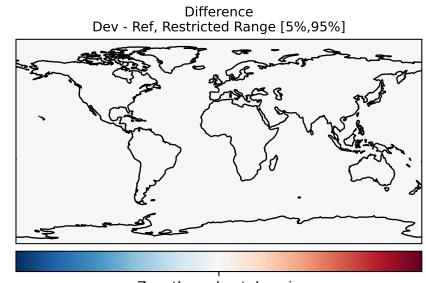
unitless

### EmisNO\_BioBurn (Apr2019)



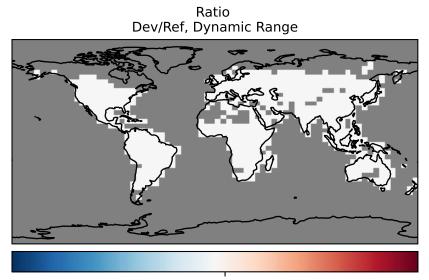
0.0 1.5 3.0 4.5 kg/m2/s 1e-11

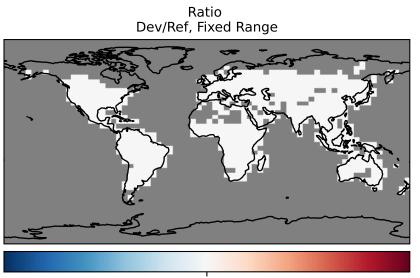




Zero throughout domain kg/m2/s

Zero throughout domain kg/m2/s





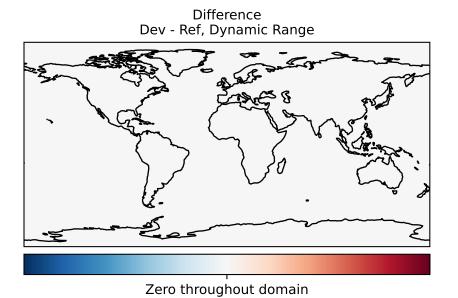
Ref and Dev equal throughout domain unitless

Ref and Dev equal throughout domain unitless

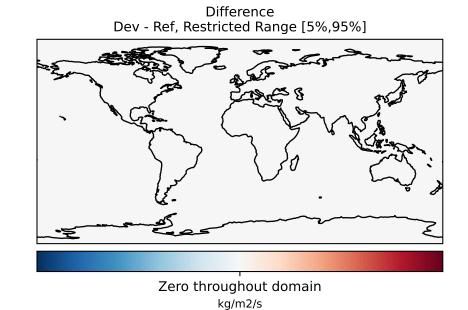
## EmisOCPI\_BioBurn (Apr2019)

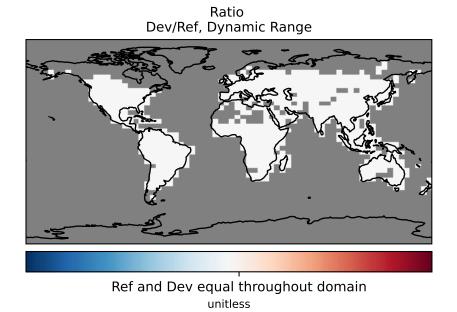
gcc-14.3.0-rc.0 (Ref) 4.0x5.0

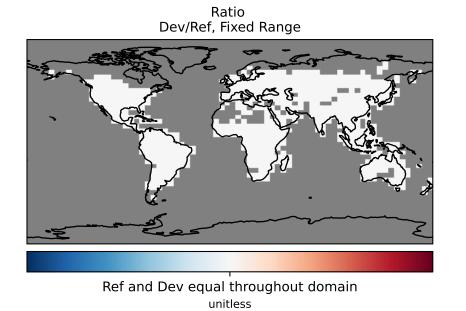
gcc-14.4.0-rc.0 (Dev) 4.0x5.0



kg/m2/s







## EmisOCPO\_BioBurn (Apr2019)

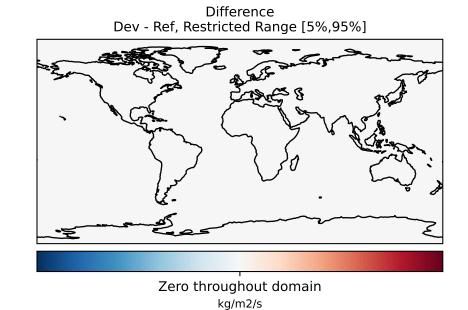
gcc-14.3.0-rc.0 (Ref) 4.0x5.0 1 2 kg/m2/s 1e-11

gcc-14.4.0-rc.0 (Dev) 4.0x5.0 1 2 kg/m2/s 1e-11

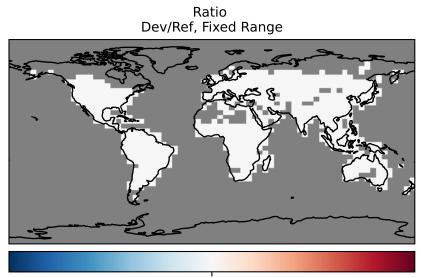
Difference Dev - Ref, Dynamic Range

Zero throughout domain

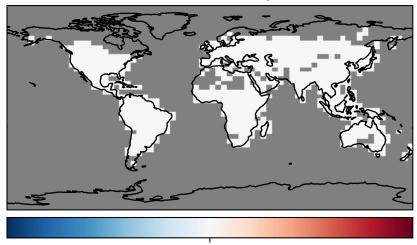
kg/m2/s



Ratio Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain unitless

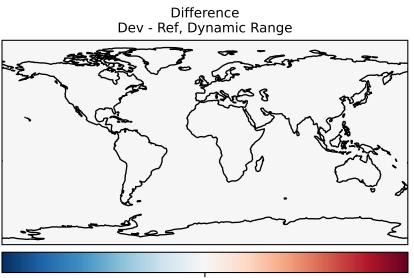


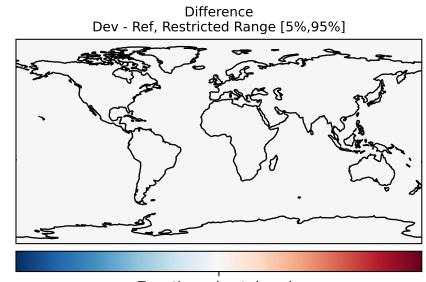
Ref and Dev equal throughout domain unitless

## EmisPHEN\_BioBurn (Apr2019)

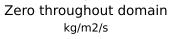
gcc-14.3.0-rc.0 (Ref) 4.0x5.0

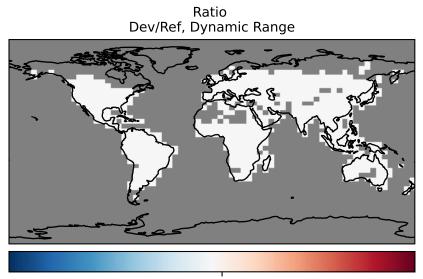
gcc-14.4.0-rc.0 (Dev) 4.0x5.0

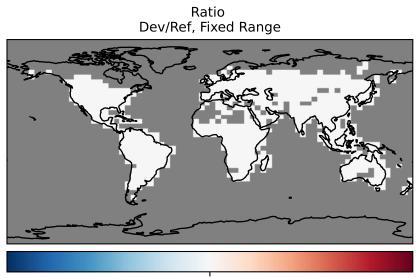




Zero throughout domain kg/m2/s



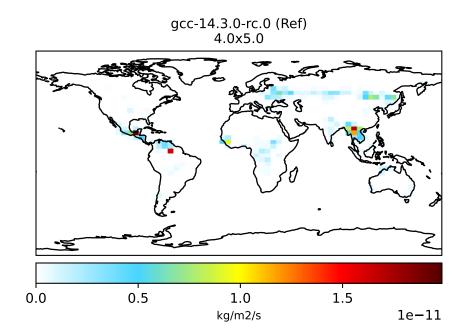


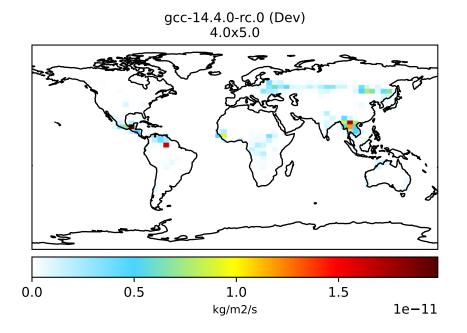


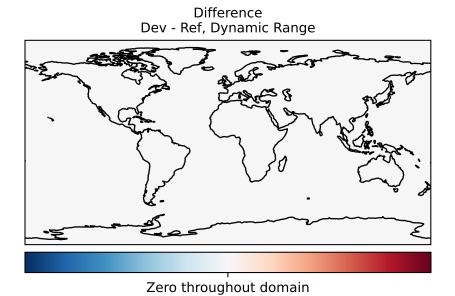
Ref and Dev equal throughout domain unitless

Ref and Dev equal throughout domain unitless

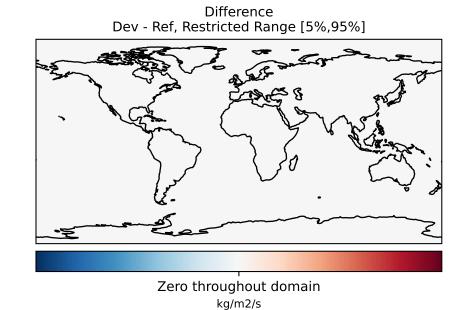
### EmisPRPE\_BioBurn (Apr2019)



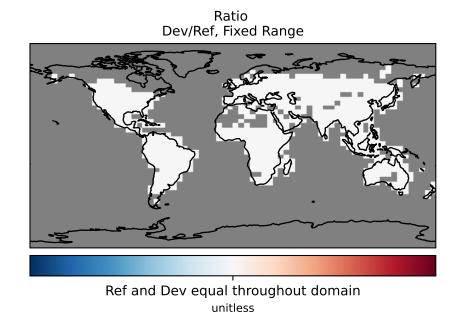




kg/m2/s



Ratio Dev/Ref, Dynamic Range

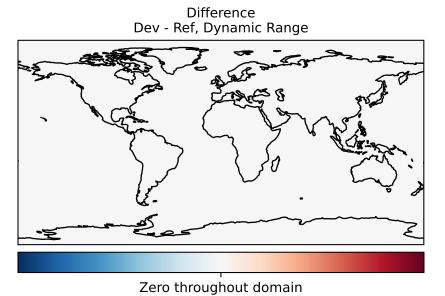


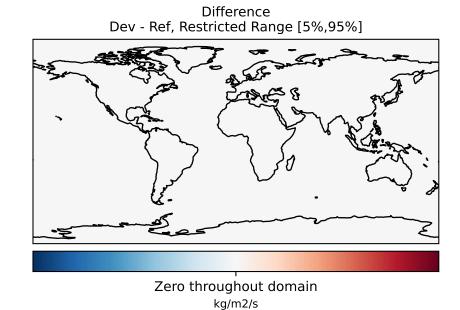
Ref and Dev equal throughout domain unitless

## EmisRCHO\_BioBurn (Apr2019)

0.0 0.8 1.6 2.4 kg/m2/s 1.6 le-11

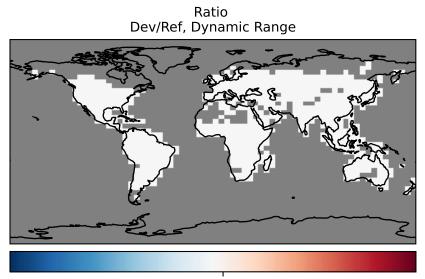
0.0 0.8 1.6 2.4 kg/m2/s 1.e-11

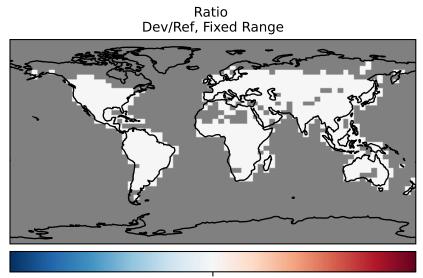




kg/m2/s

Ng/III2/3





Ref and Dev equal throughout domain unitless

Ref and Dev equal throughout domain unitless

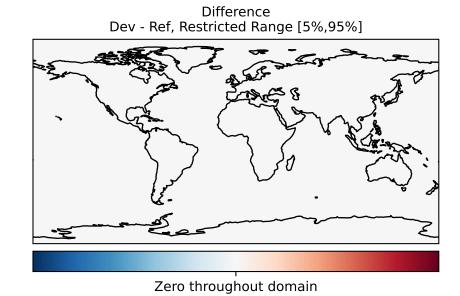
# EmisSO2\_BioBurn (Apr2019)

gcc-14.3.0-rc.0 (Ref) 4.0x5.0

gcc-14.4.0-rc.0 (Dev) 4.0x5.0

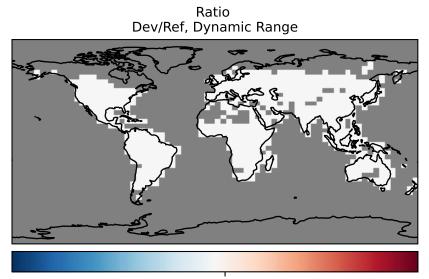
0
2
4
6
kg/m2/s
1e-12

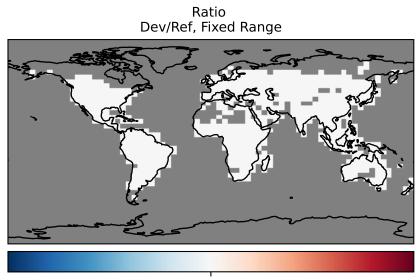
Difference Dev - Ref, Dynamic Range



Zero throughout domain kg/m2/s

kg/m2/s

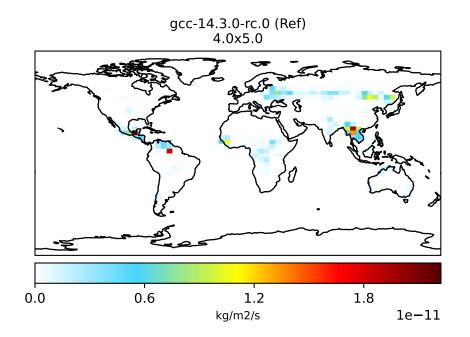




Ref and Dev equal throughout domain unitless

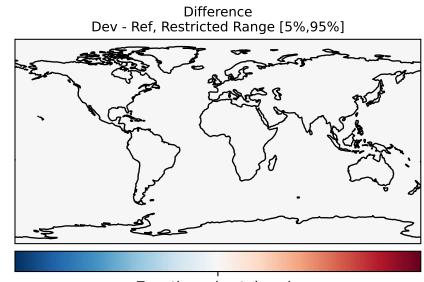
Ref and Dev equal throughout domain unitless

### EmisSOAP\_BioBurn (Apr2019)



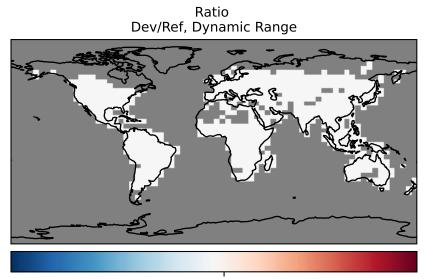
0.0 0.6 1.2 1.8 kg/m2/s 1e-11

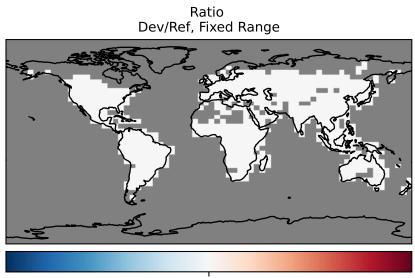
Difference Dev - Ref, Dynamic Range



Zero throughout domain kg/m2/s

Zero throughout domain kg/m2/s





Ref and Dev equal throughout domain unitless

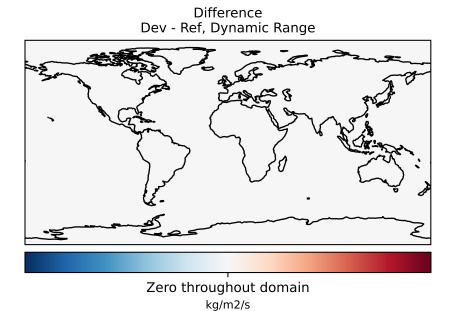
Ref and Dev equal throughout domain unitless

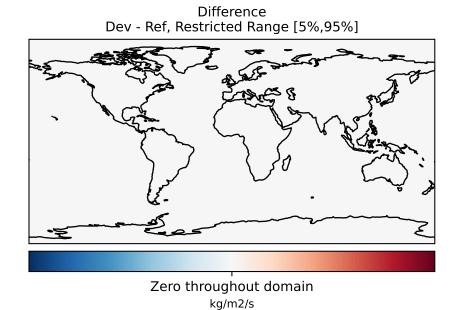
### EmisTOLU\_BioBurn (Apr2019)

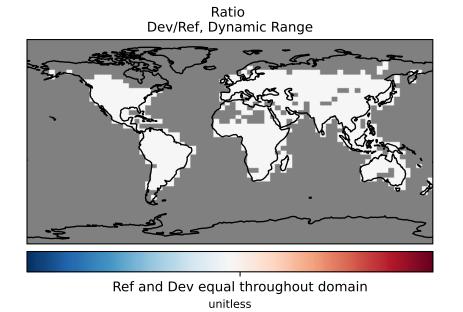
gcc-14.3.0-rc.0 (Ref) 4.0x5.0

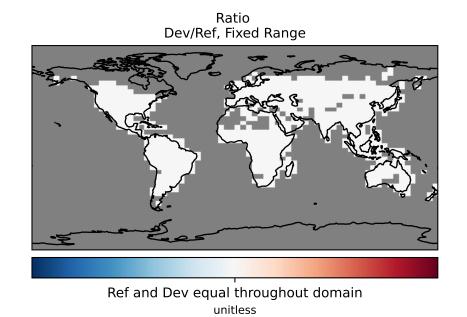
gcc-14.4.0-rc.0 (Dev) 4.0x5.0

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









### EmisXYLE\_BioBurn (Apr2019)

0.0 0.5 1.0 1.5 kg/m2/s 1e-12

gcc-14.4.0-rc.0 (Dev) 4.0x5.0

0.0

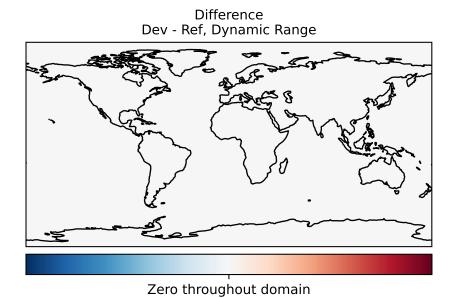
0.5

1.0

1.5

kg/m2/s

1e-12



kg/m2/s

