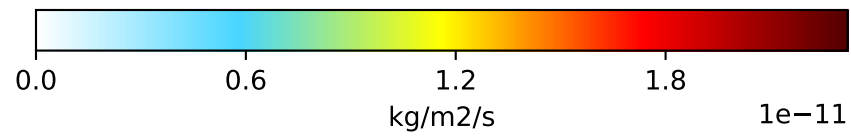
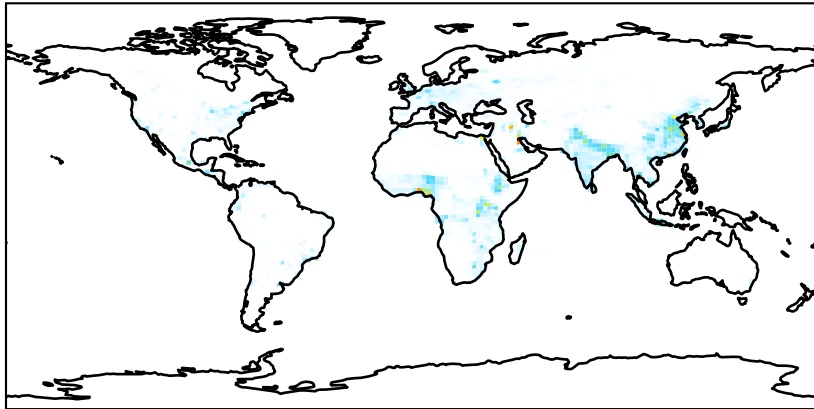
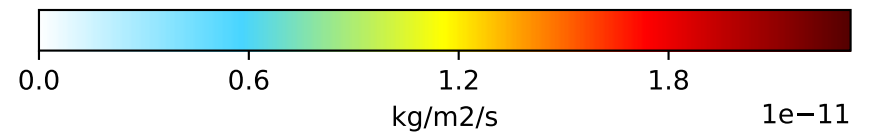
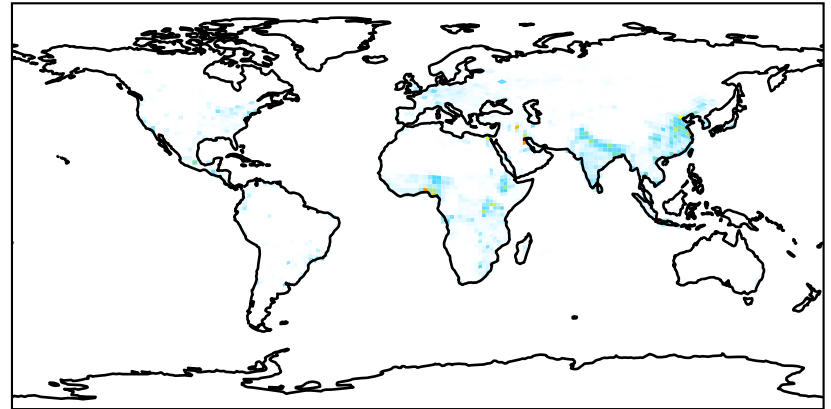


EmisEOH_Anthro (Apr2019)

GCHP_13.0.0-beta.1 (Ref)
c48



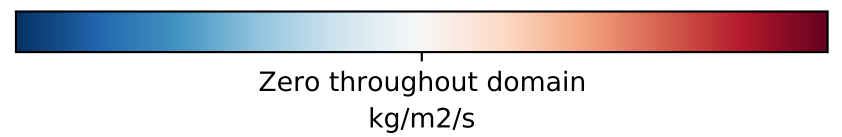
GCHP_13.0.0-rc.0 (Dev)
c48



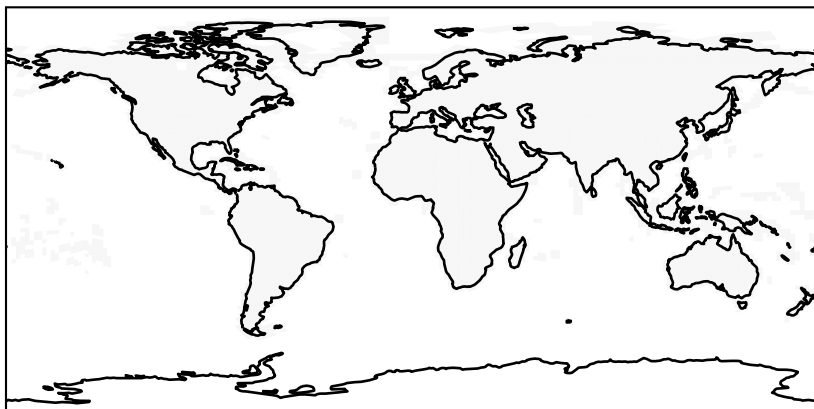
Difference
Dev - Ref, Dynamic Range



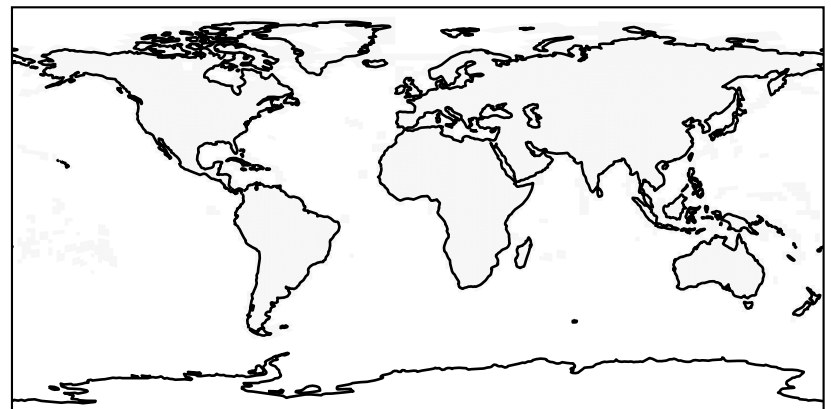
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

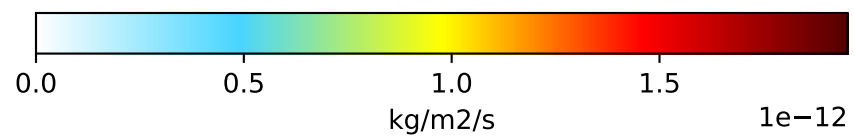
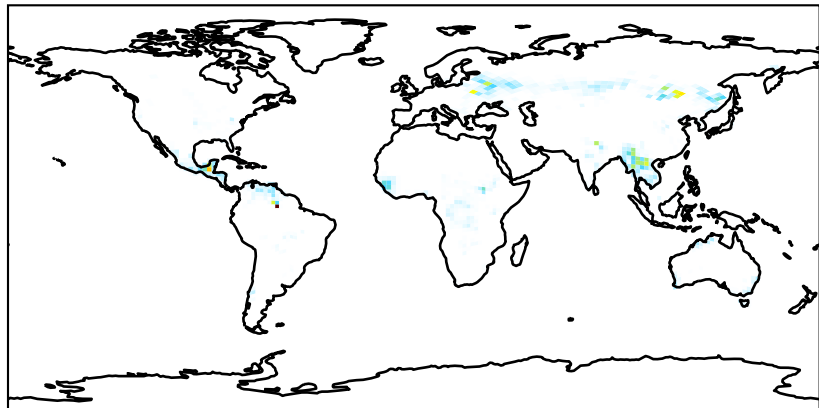


Ratio
Dev/Ref, Fixed Range

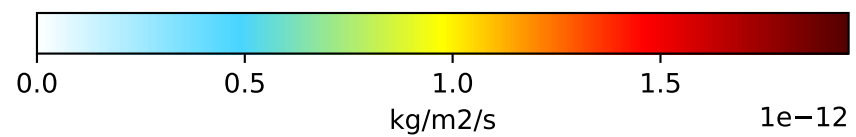
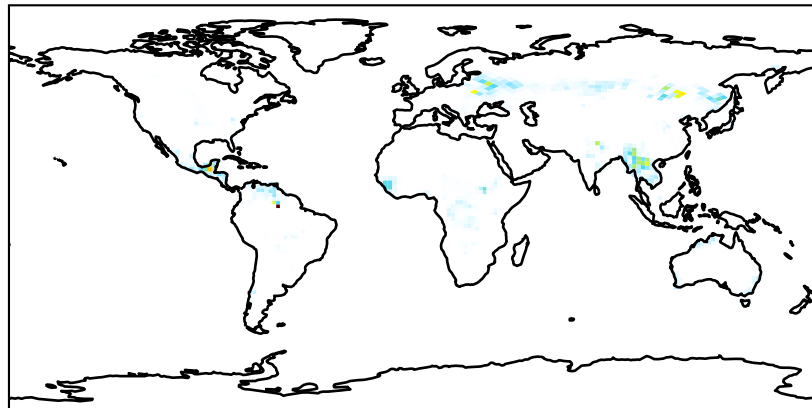


EmisEOH_BioBurn (Apr2019)

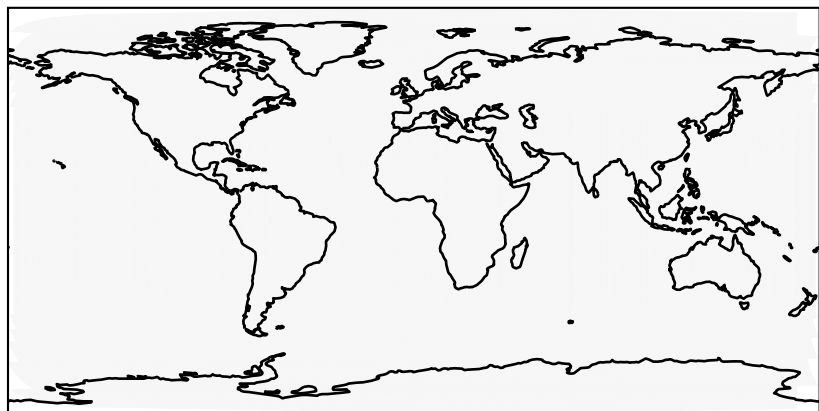
GCHP_13.0.0-beta.1 (Ref)
c48



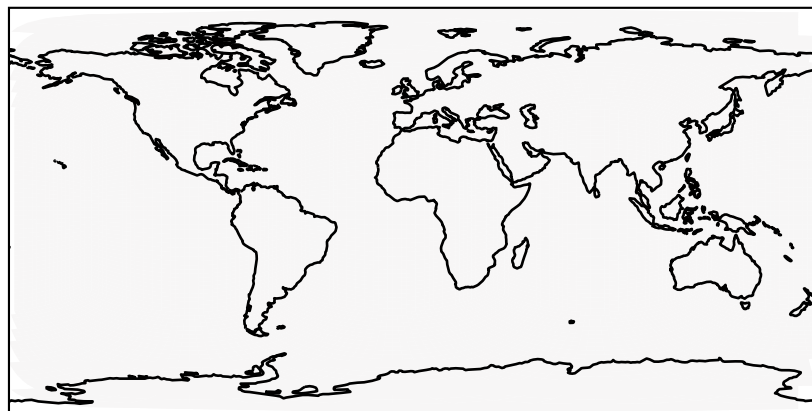
GCHP_13.0.0-rc.0 (Dev)
c48



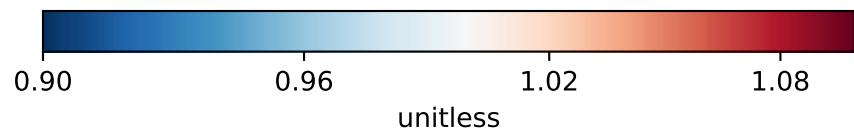
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range

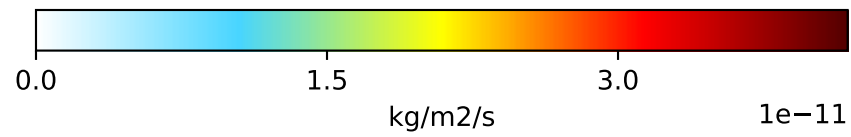
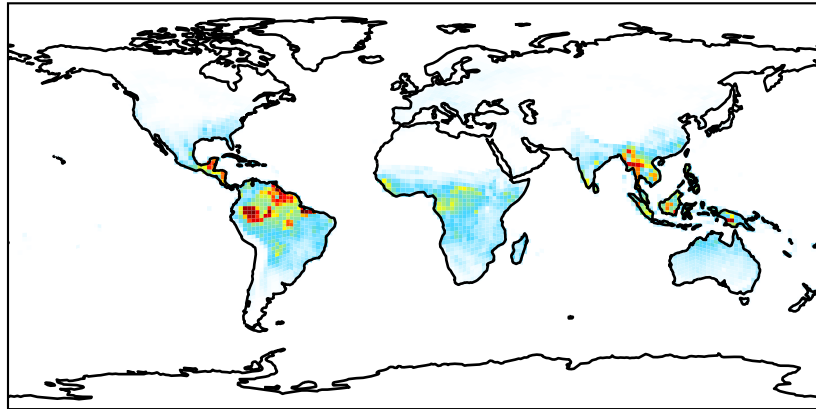


Ratio
Dev/Ref, Fixed Range

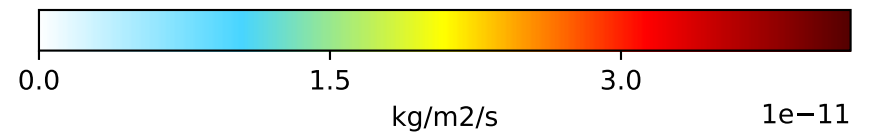
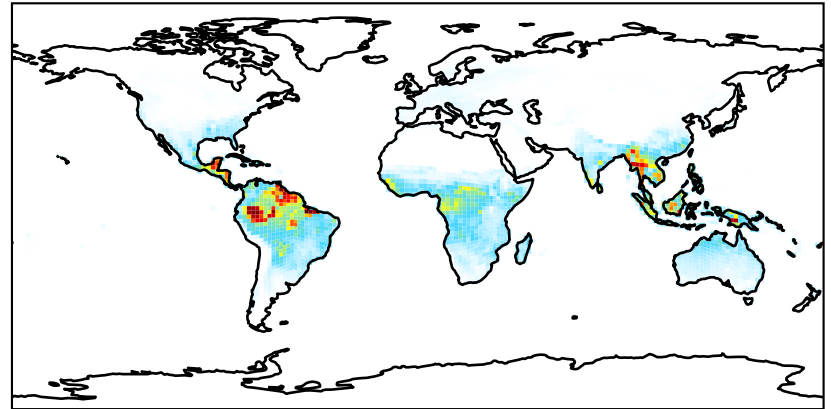


EmisEOH_Biogenic (Apr2019)

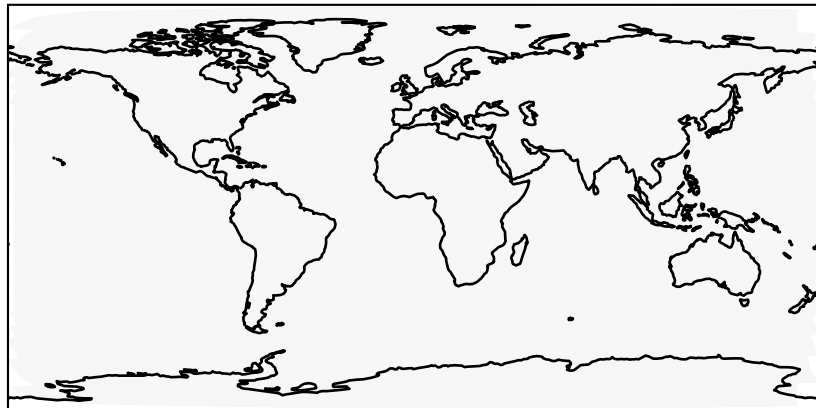
GCHP_13.0.0-beta.1 (Ref)
c48



GCHP_13.0.0-rc.0 (Dev)
c48



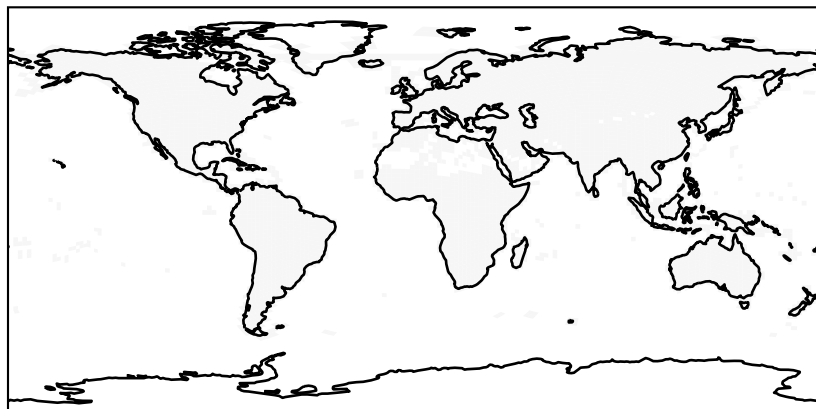
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range

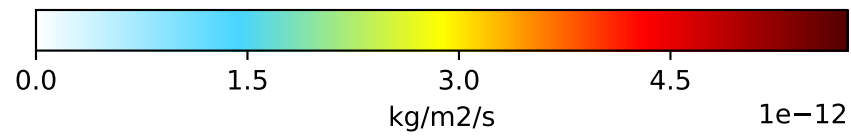
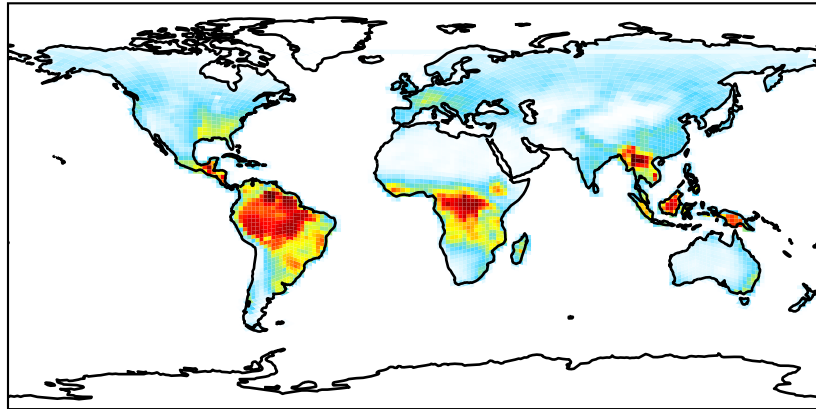


Ratio
Dev/Ref, Fixed Range

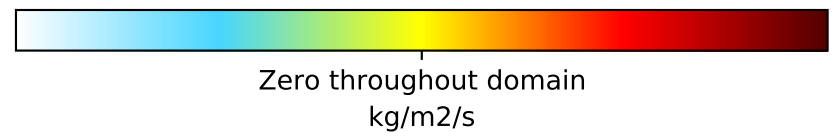
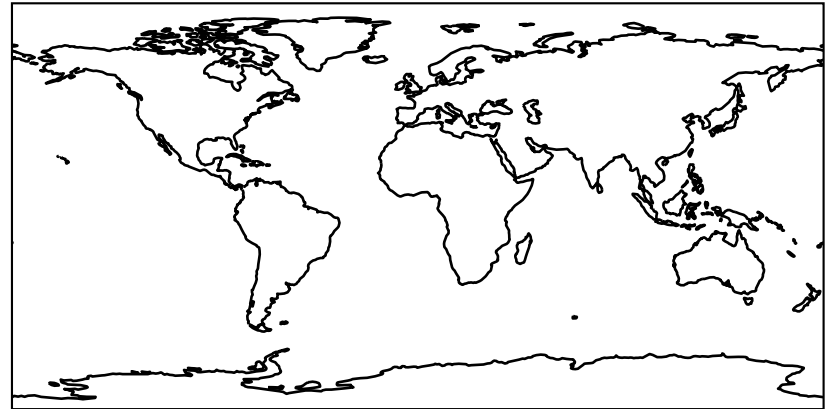


EmisEOH_PlantDecay (Apr2019)

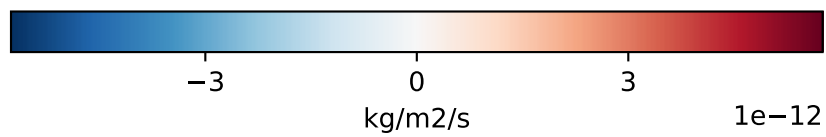
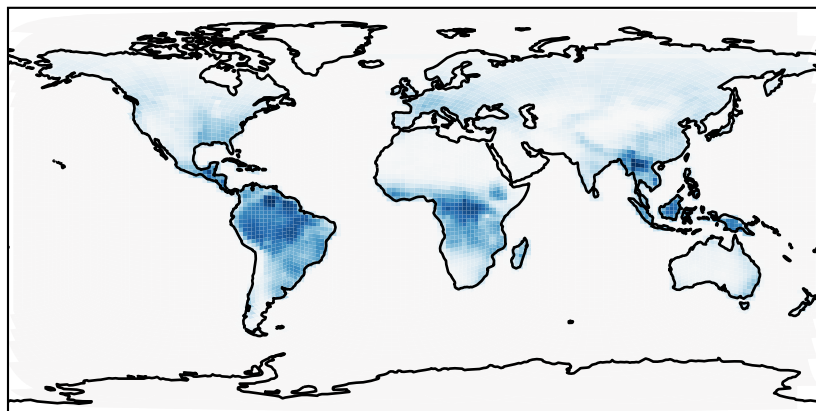
GCHP_13.0.0-beta.1 (Ref)
c48



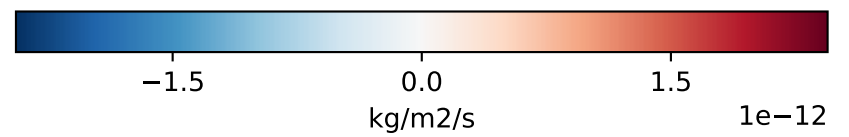
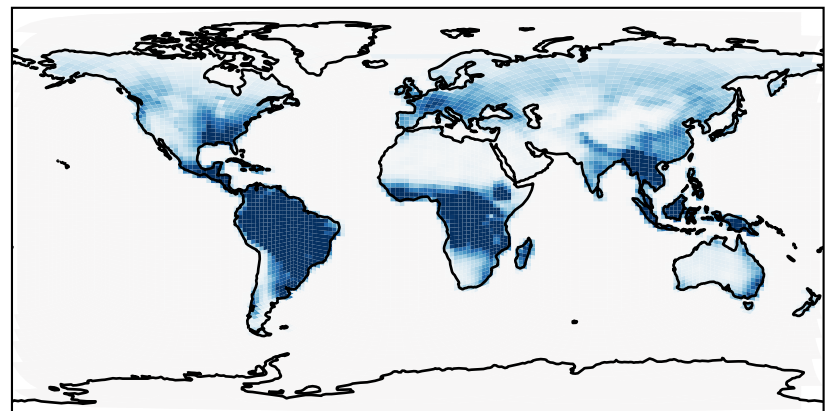
GCHP_13.0.0-rc.0 (Dev)
c48



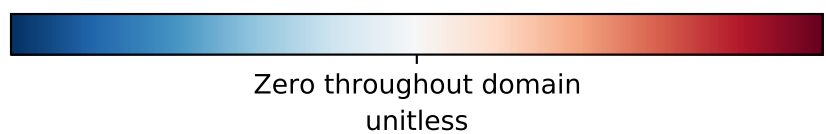
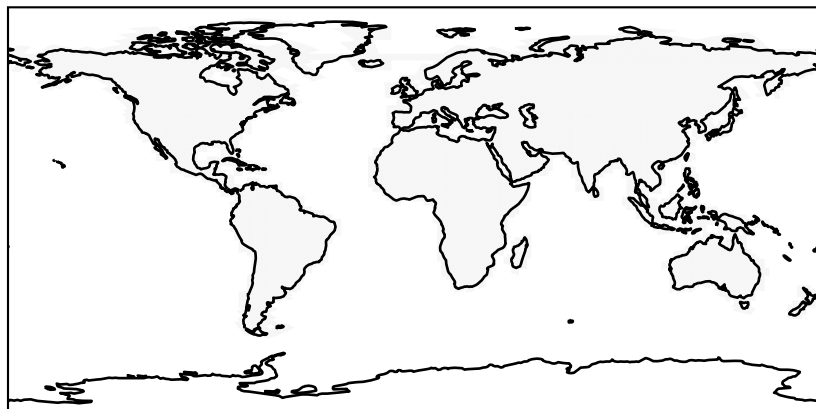
Difference
Dev - Ref, Dynamic Range



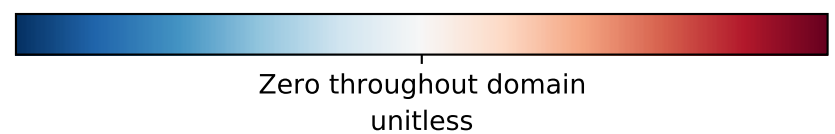
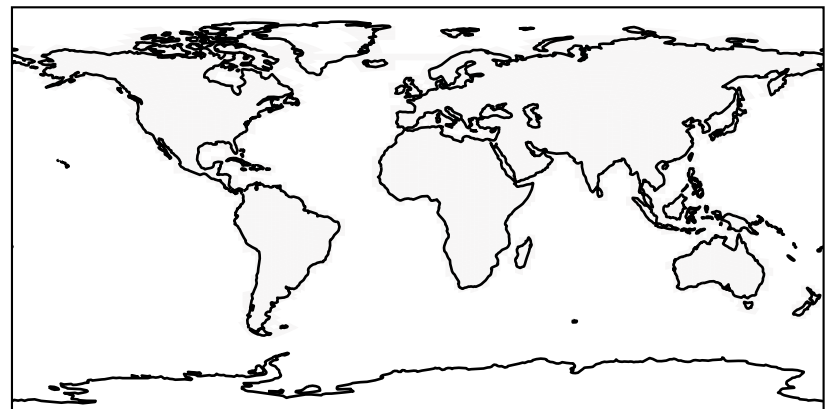
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

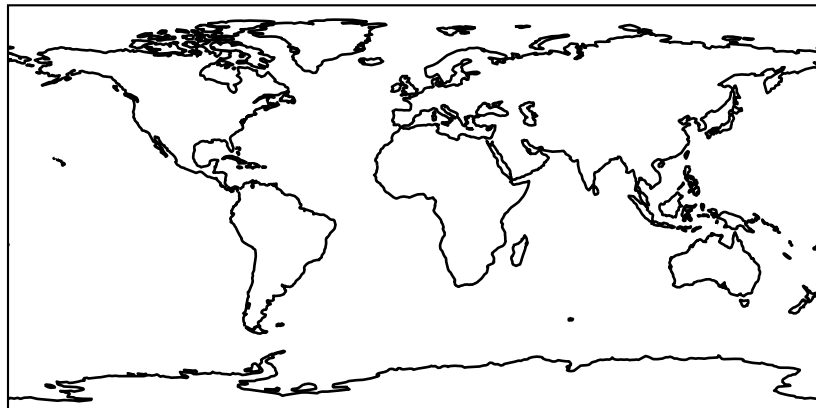


Ratio
Dev/Ref, Fixed Range



EmisEOH_Ship (Apr2019)

GCHP_13.0.0-beta.1 (Ref)
c48



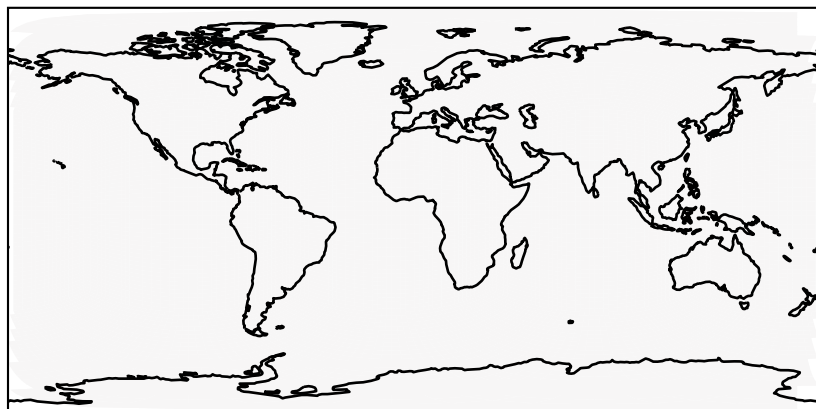
Zero throughout domain
kg/m2/s

GCHP_13.0.0-rc.0 (Dev)
c48



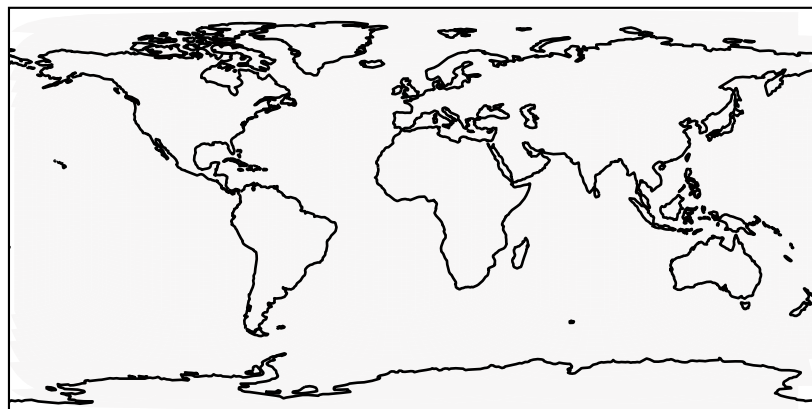
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



Zero throughout domain
kg/m2/s

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



Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

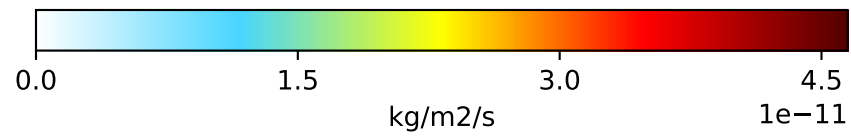
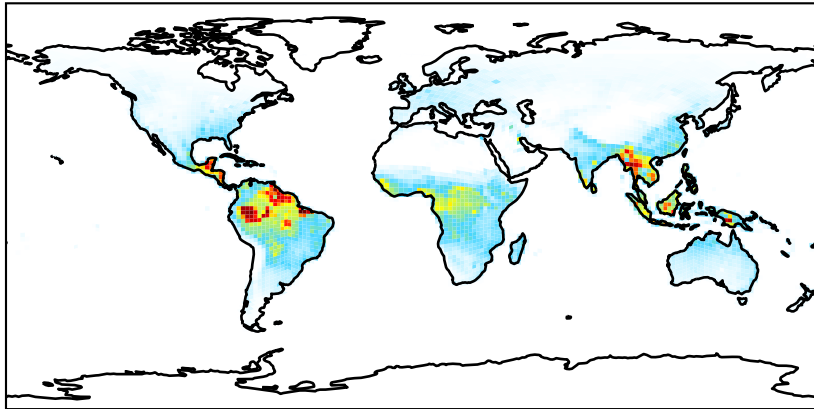
Ratio
Dev/Ref, Fixed Range



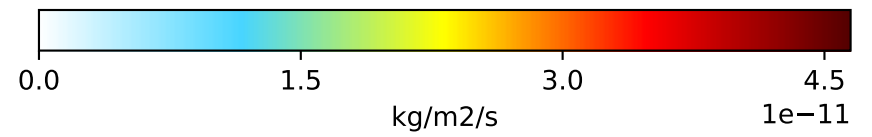
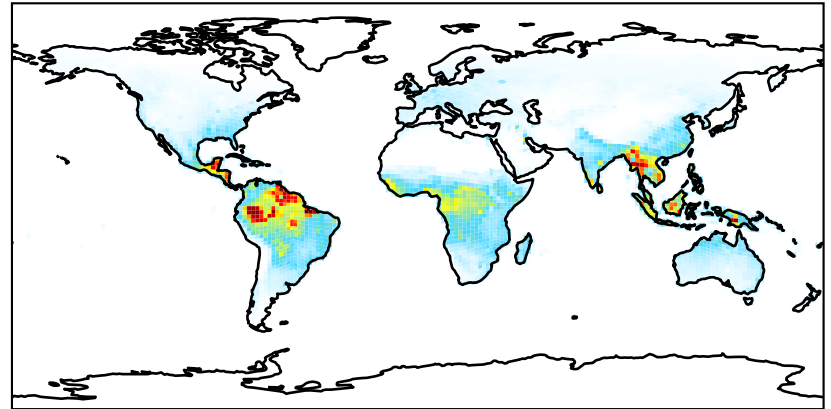
Undefined throughout domain
unitless

EmisEOH_Total (Apr2019)

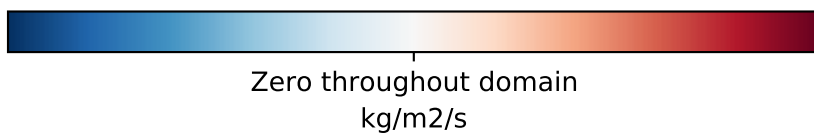
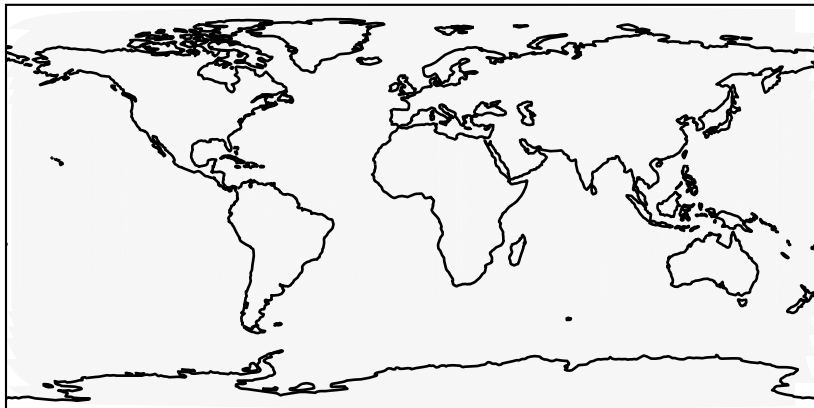
GCHP_13.0.0-beta.1 (Ref)
c48



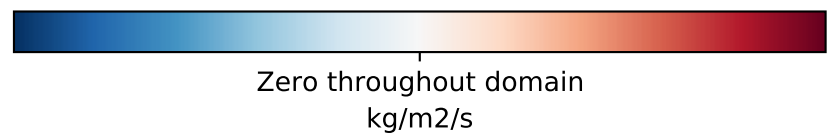
GCHP_13.0.0-rc.0 (Dev)
c48



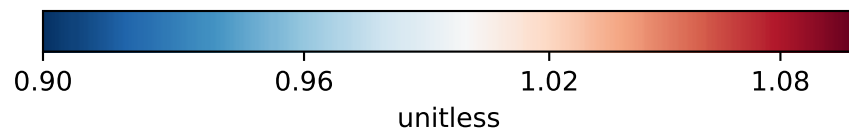
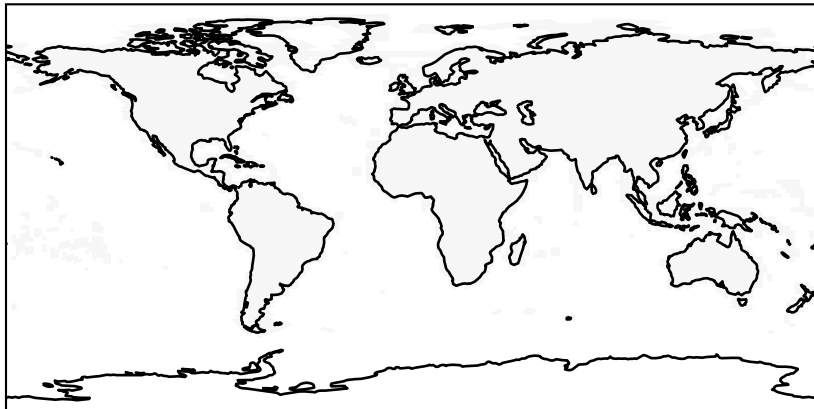
Difference
Dev - Ref, Dynamic Range



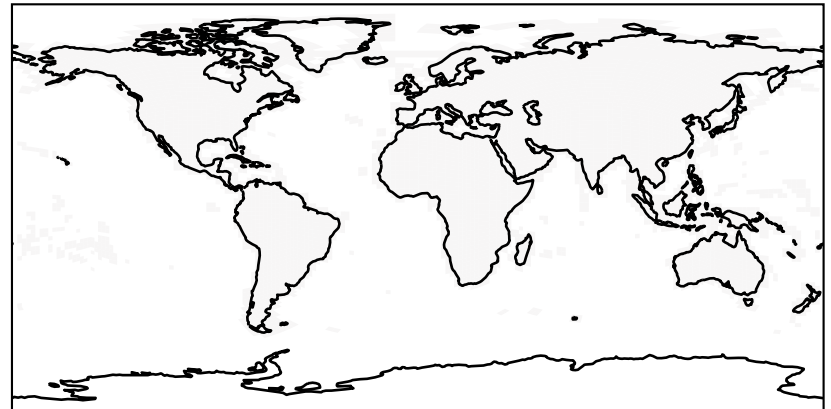
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

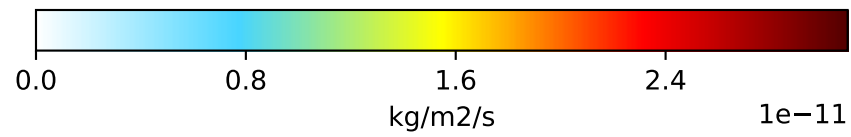
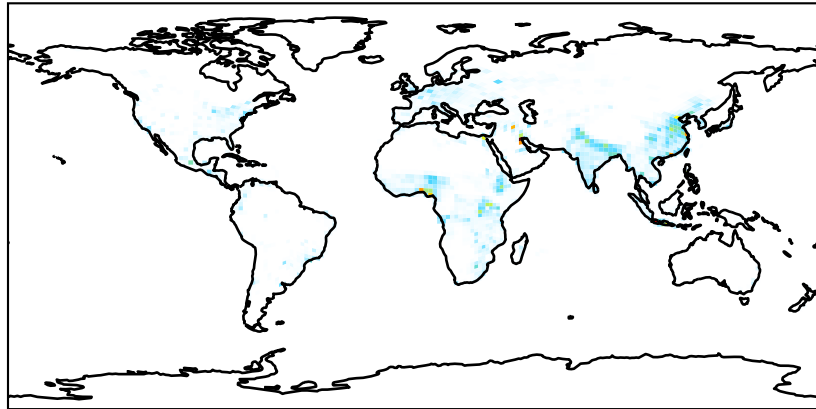


Ratio
Dev/Ref, Fixed Range

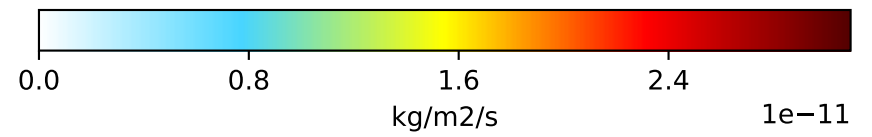
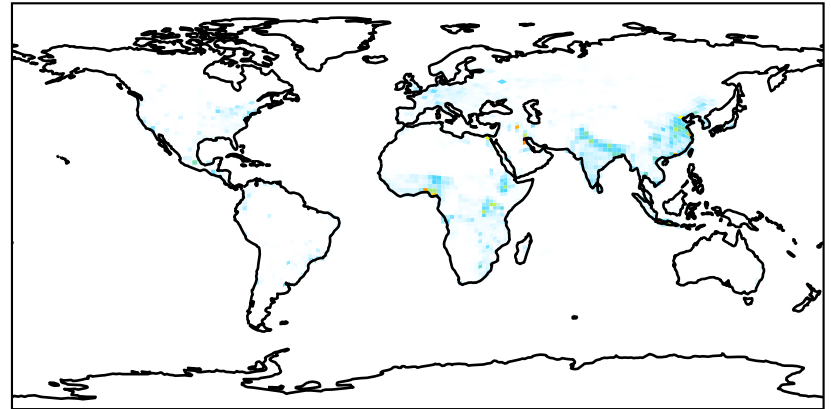


EmisMOH_Anthro (Apr2019)

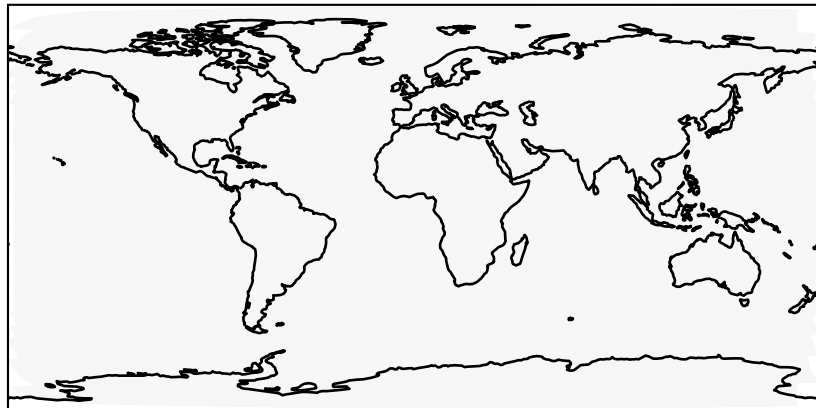
GCHP_13.0.0-beta.1 (Ref)
c48



GCHP_13.0.0-rc.0 (Dev)
c48



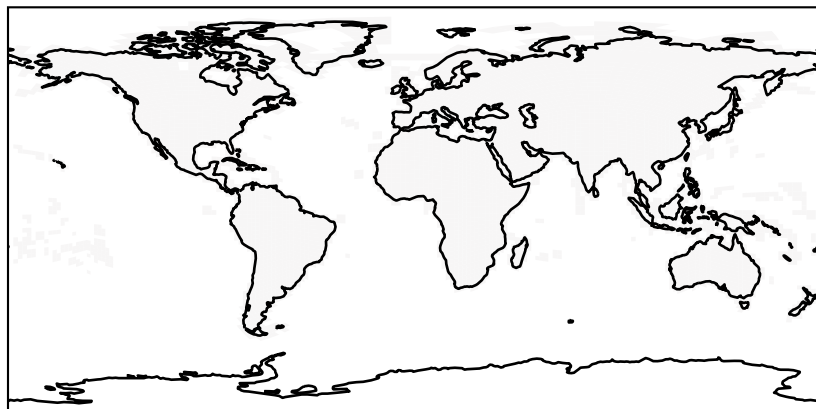
Difference
Dev - Ref, Dynamic Range



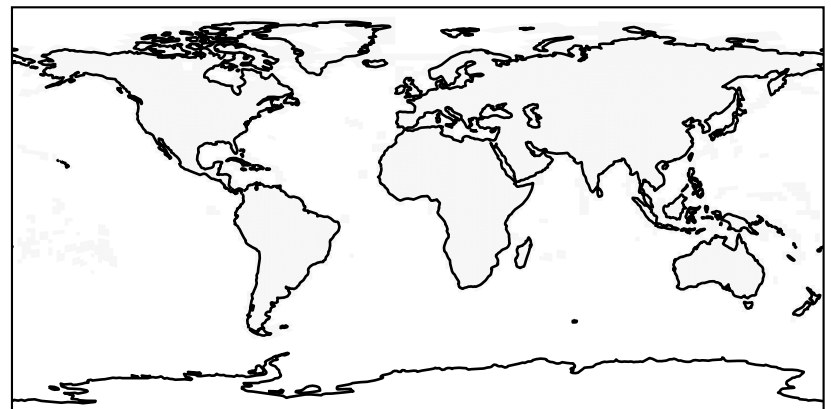
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

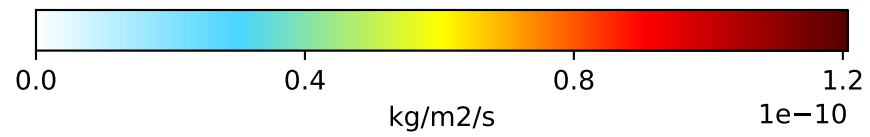
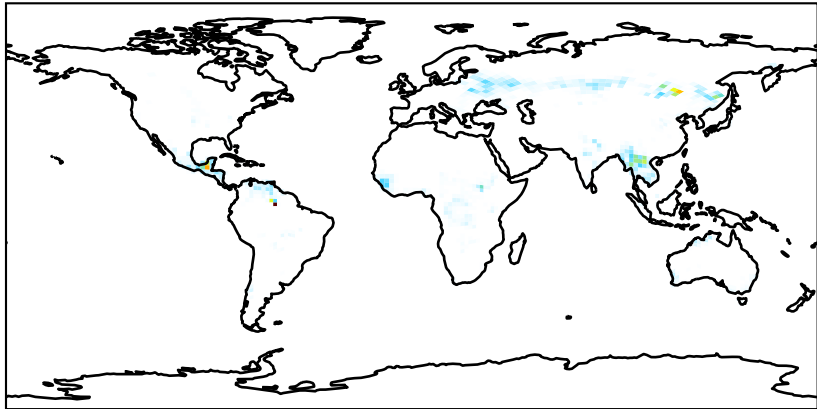


Ratio
Dev/Ref, Fixed Range

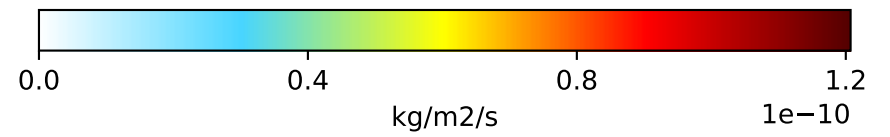
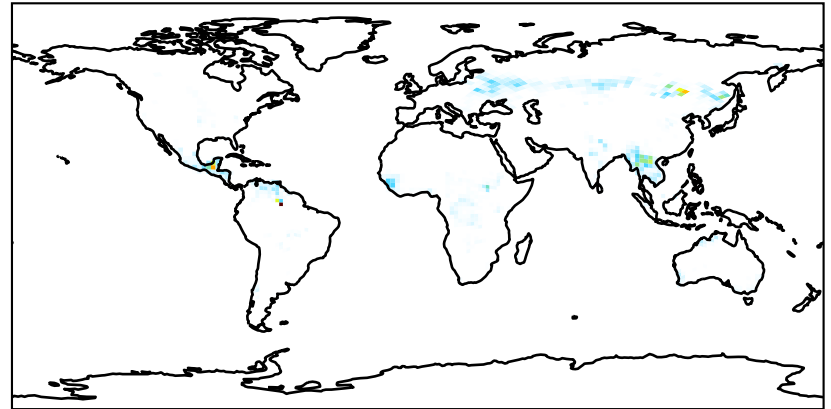


EmisMOH_BioBurn (Apr2019)

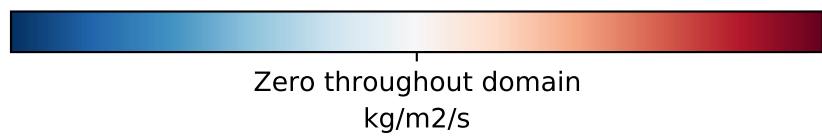
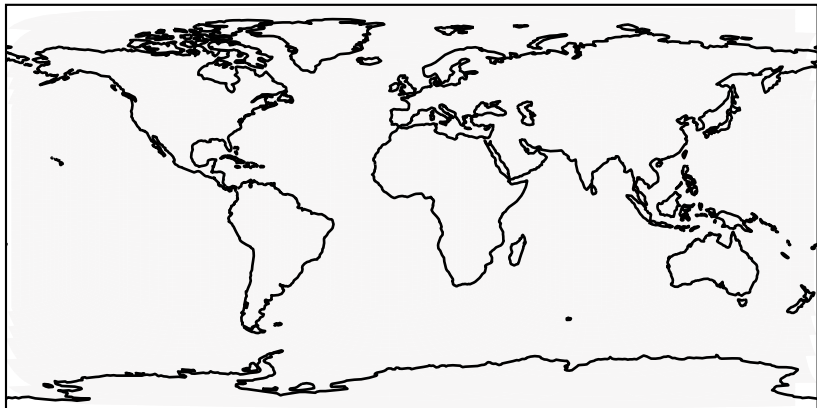
GCHP_13.0.0-beta.1 (Ref)
c48



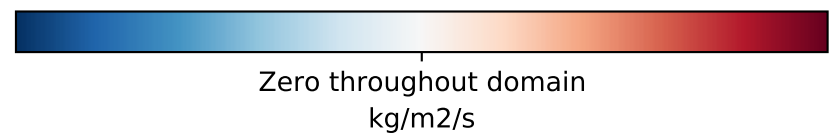
GCHP_13.0.0-rc.0 (Dev)
c48



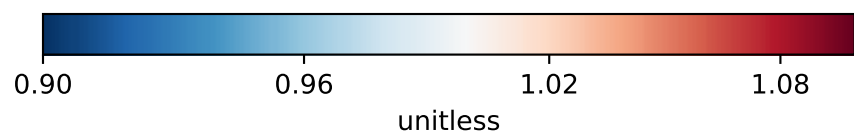
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range

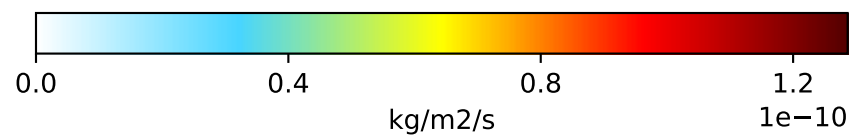
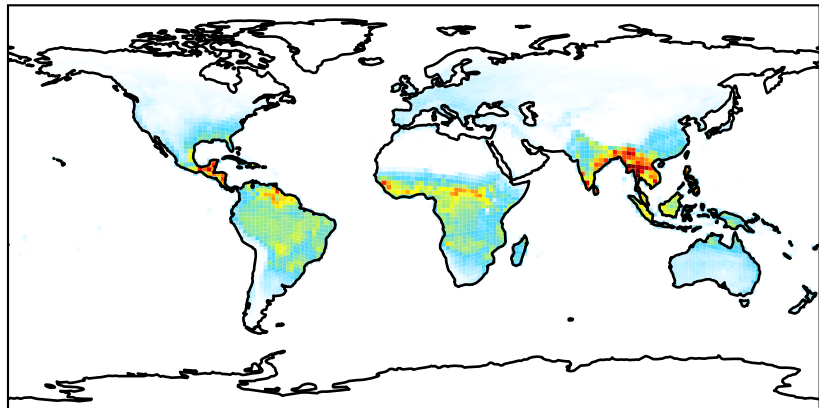


Ratio
Dev/Ref, Fixed Range

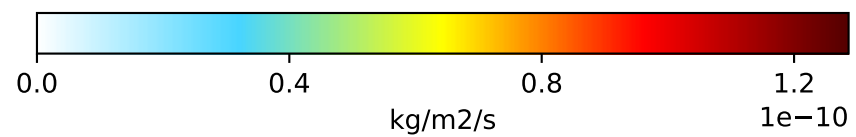
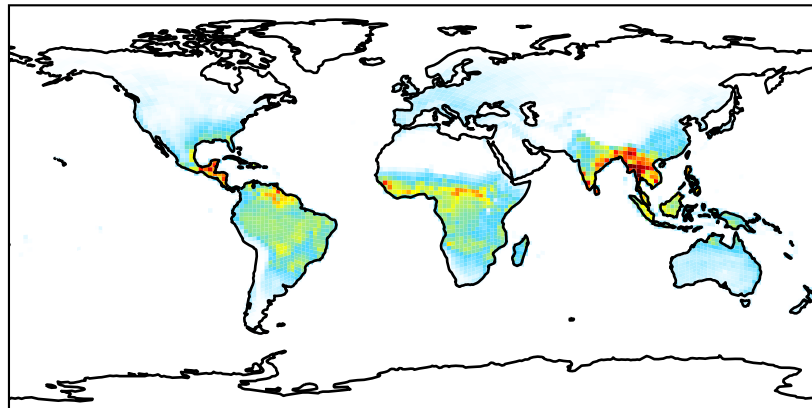


EmisMOH_Biogenic (Apr2019)

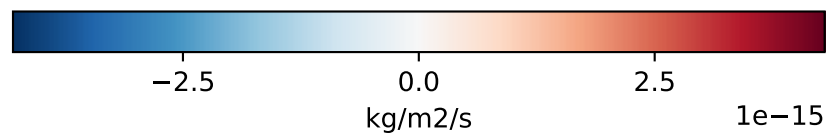
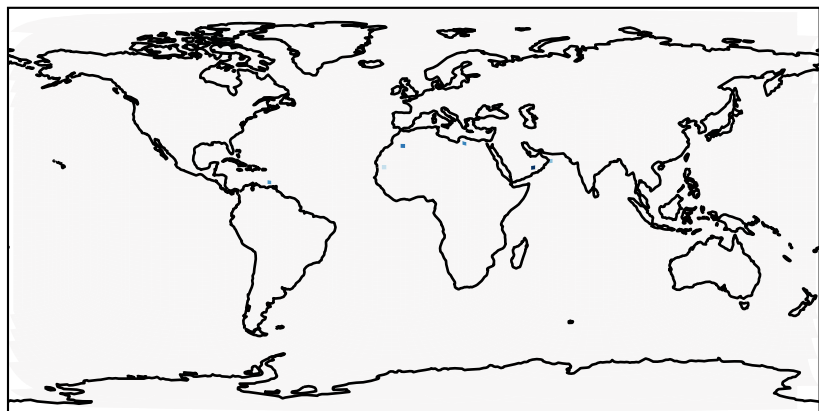
GCHP_13.0.0-beta.1 (Ref)
c48



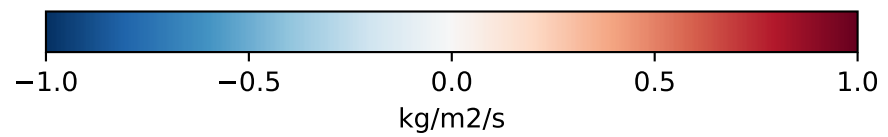
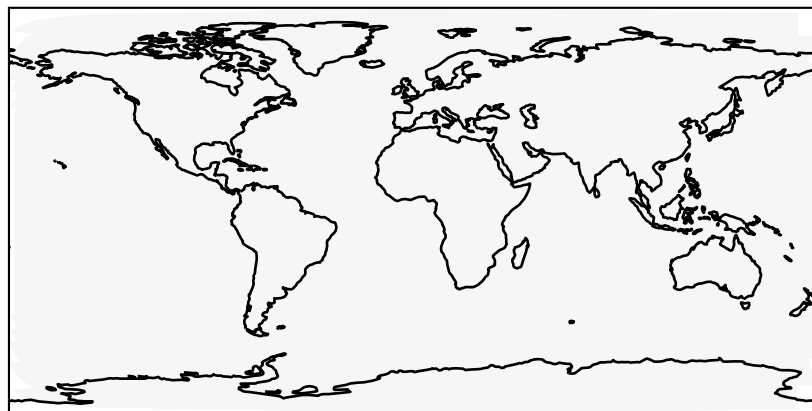
GCHP_13.0.0-rc.0 (Dev)
c48



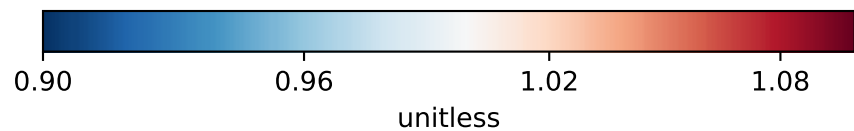
Difference
Dev - Ref, Dynamic Range



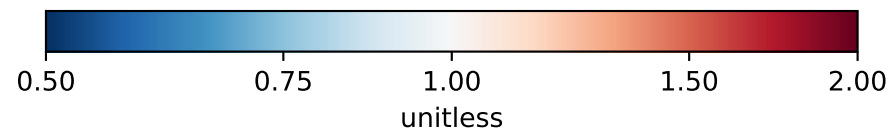
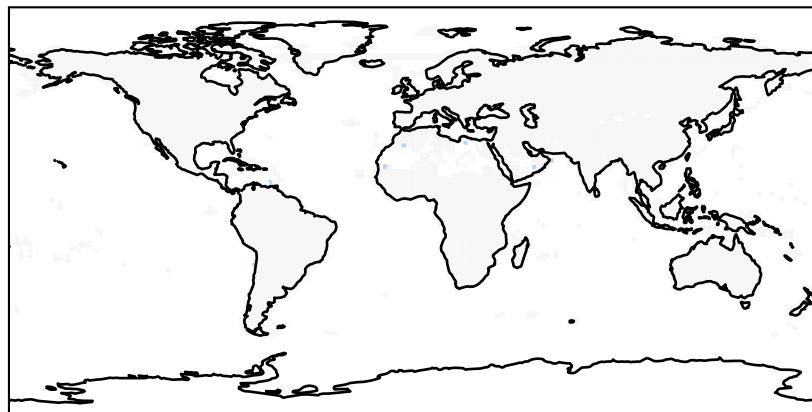
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

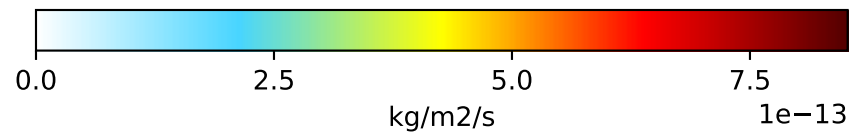
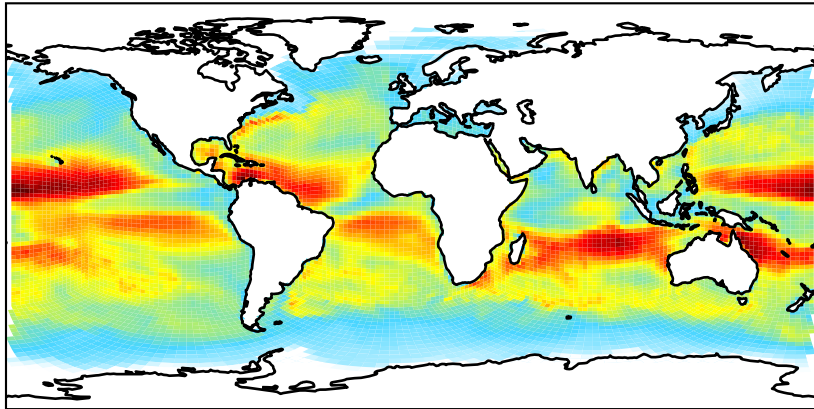


Ratio
Dev/Ref, Fixed Range

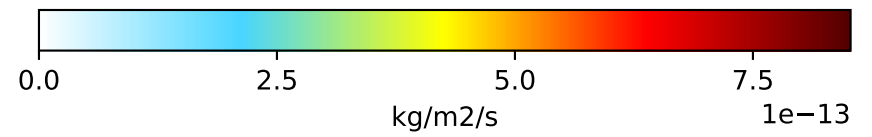
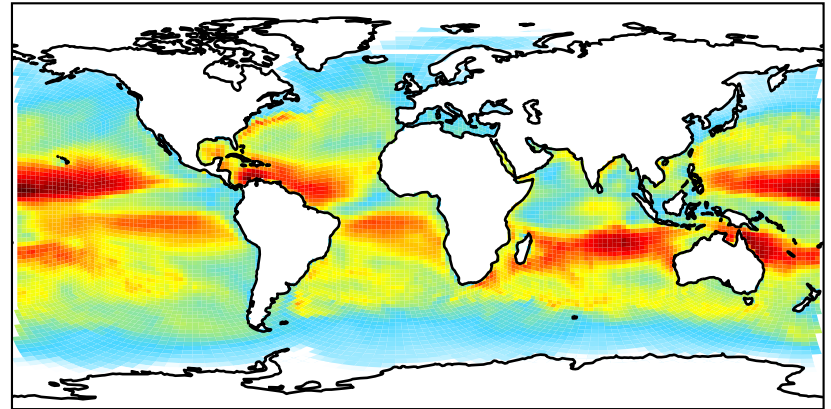


EmisMOH_Ocean (Apr2019)

GCHP_13.0.0-beta.1 (Ref)
c48



GCHP_13.0.0-rc.0 (Dev)
c48



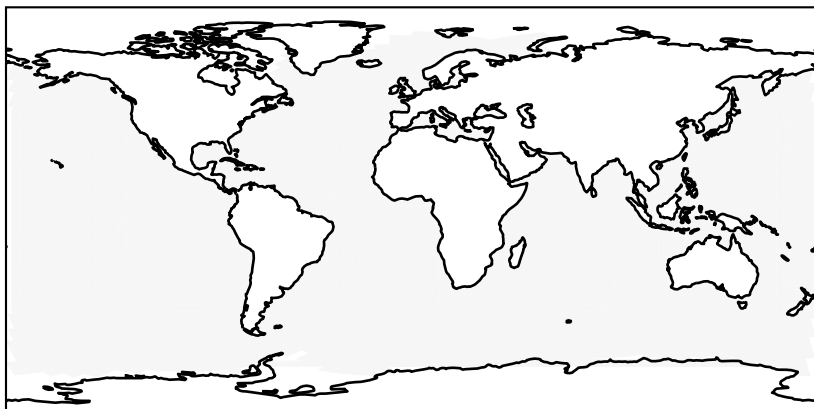
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range

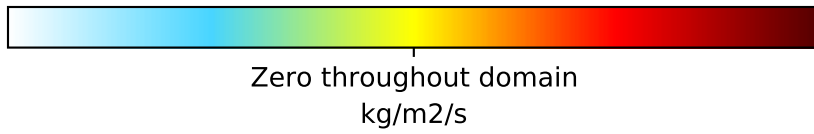


Ratio
Dev/Ref, Fixed Range

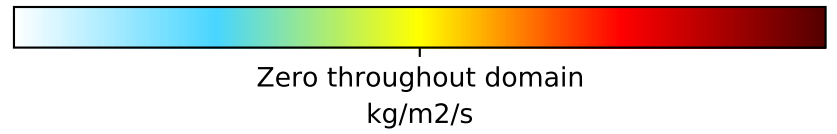
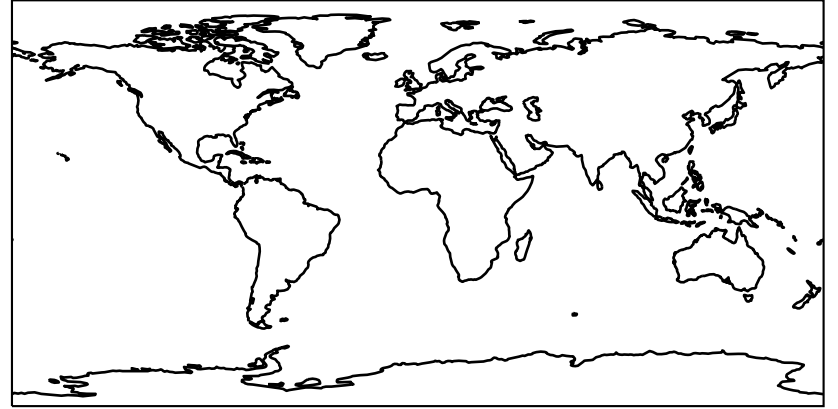


EmisMOH_Ship (Apr2019)

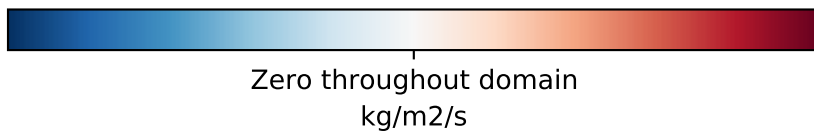
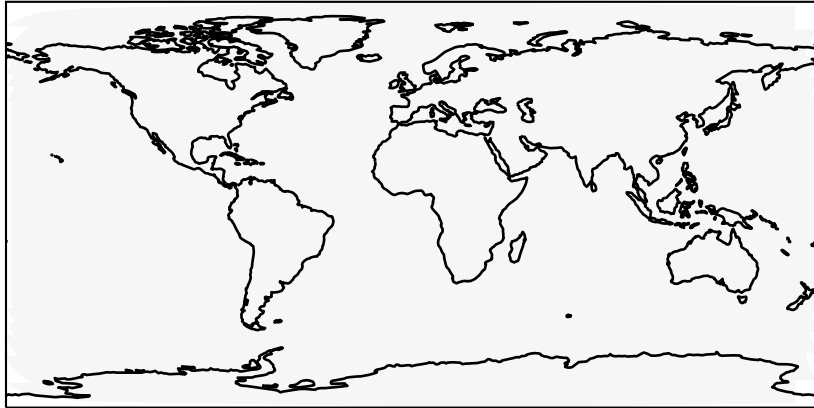
GCHP_13.0.0-beta.1 (Ref)
c48



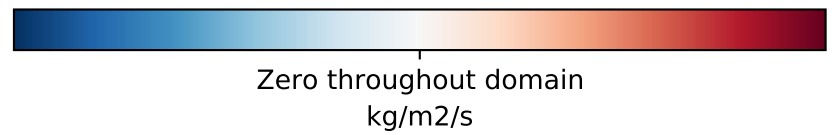
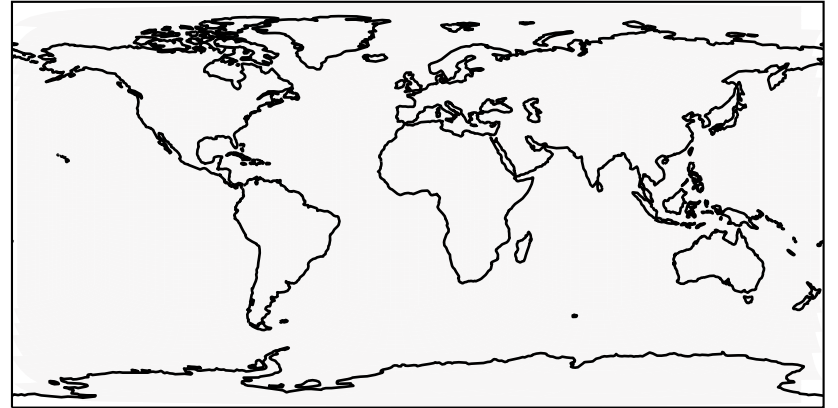
GCHP_13.0.0-rc.0 (Dev)
c48



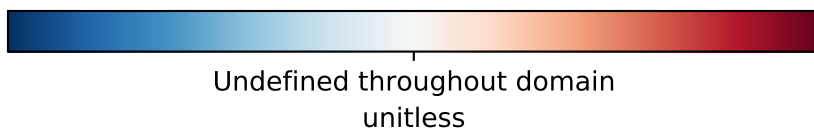
Difference
Dev - Ref, Dynamic Range



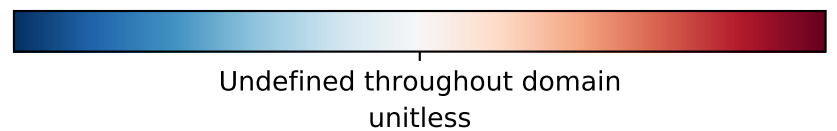
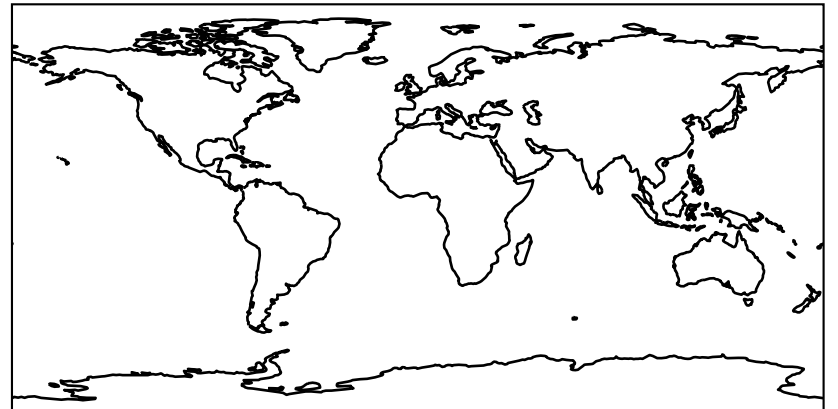
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

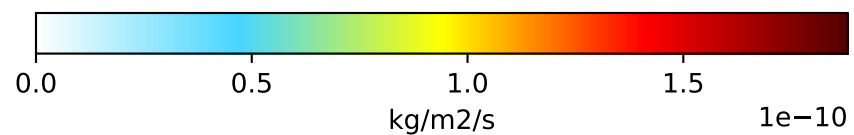
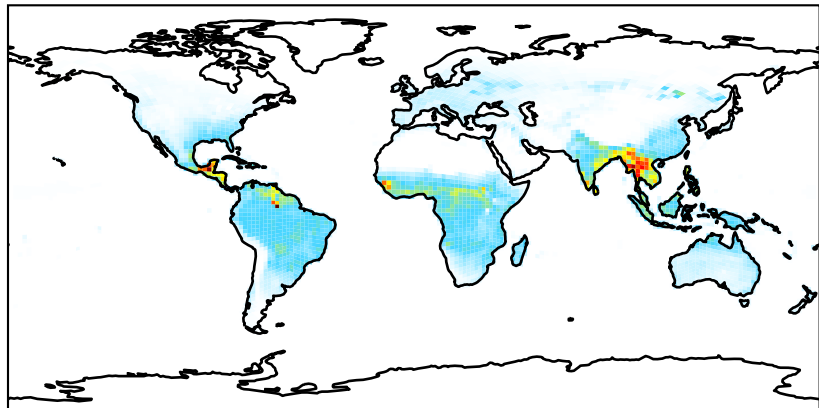


Ratio
Dev/Ref, Fixed Range

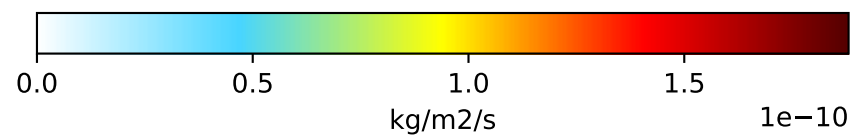
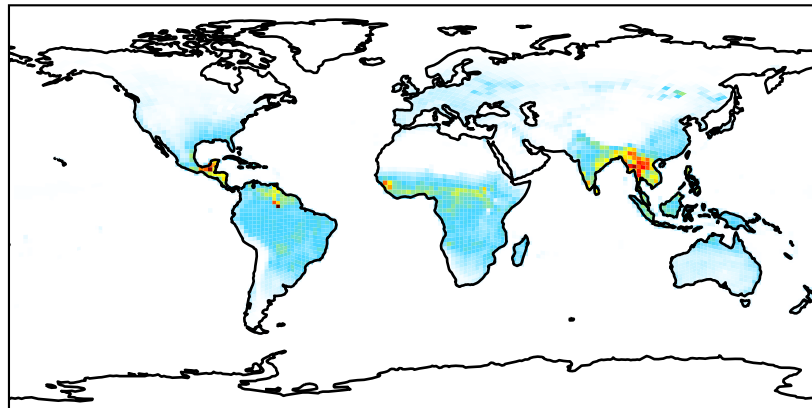


EmisMOH_Total (Apr2019)

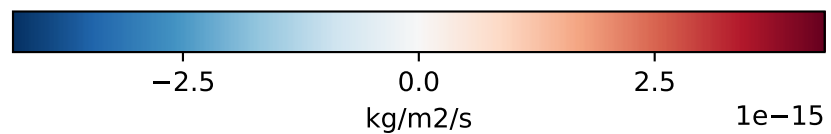
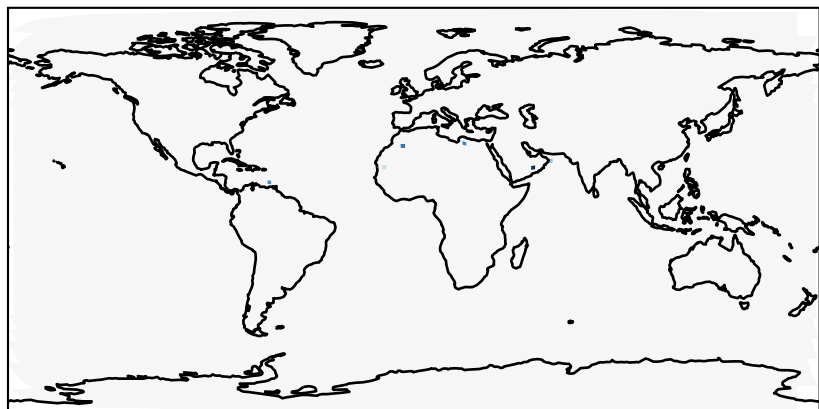
GCHP_13.0.0-beta.1 (Ref)
c48



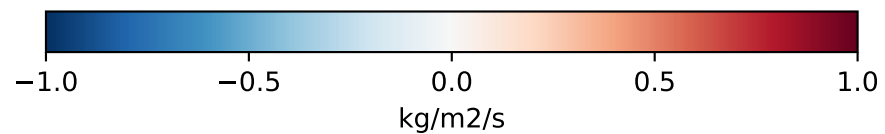
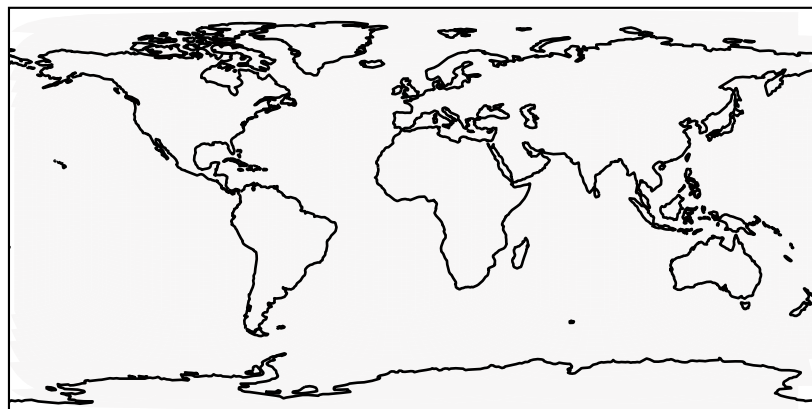
GCHP_13.0.0-rc.0 (Dev)
c48



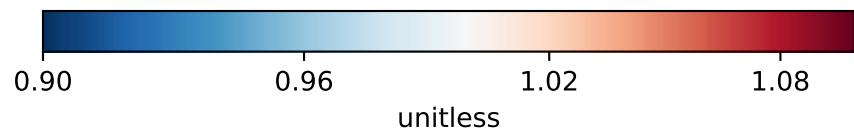
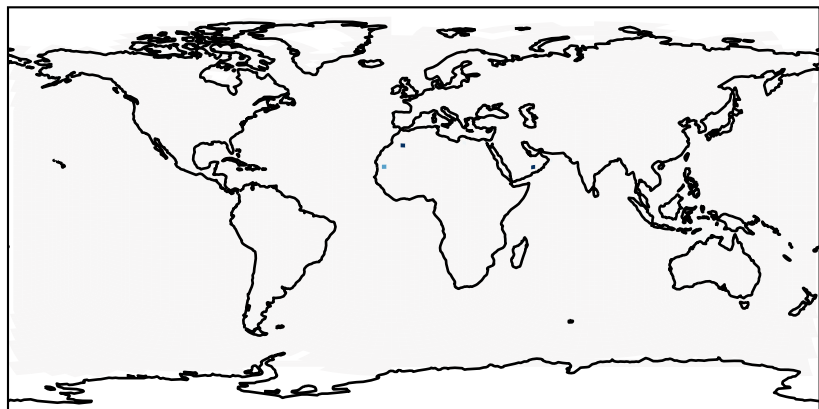
Difference
Dev - Ref, Dynamic Range



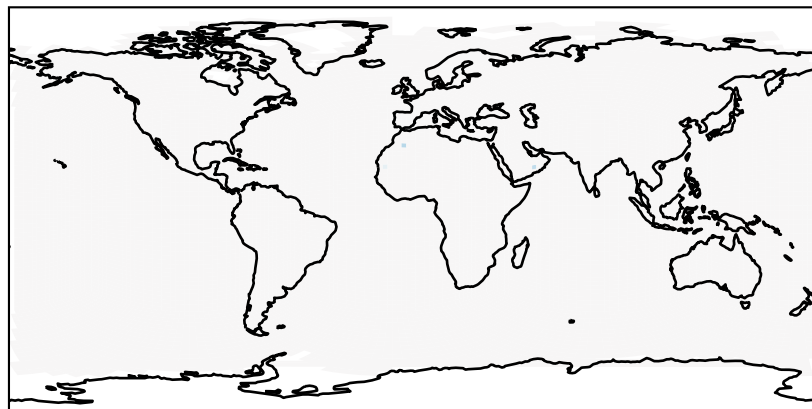
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range



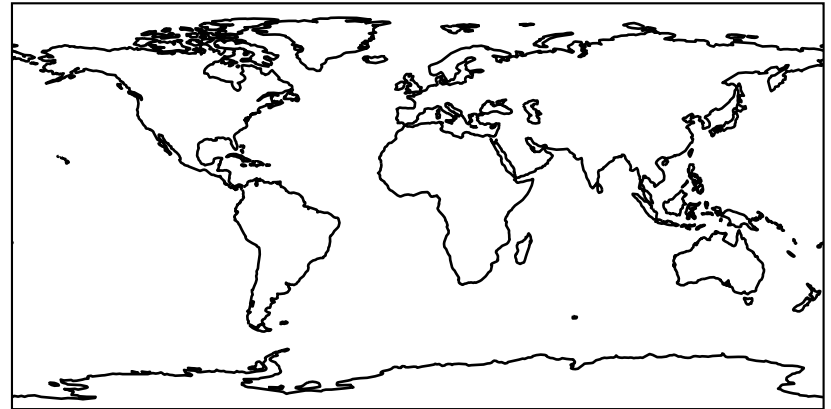
EmisISOP_Anthro (Apr2019)

GCHP_13.0.0-beta.1 (Ref)
c48



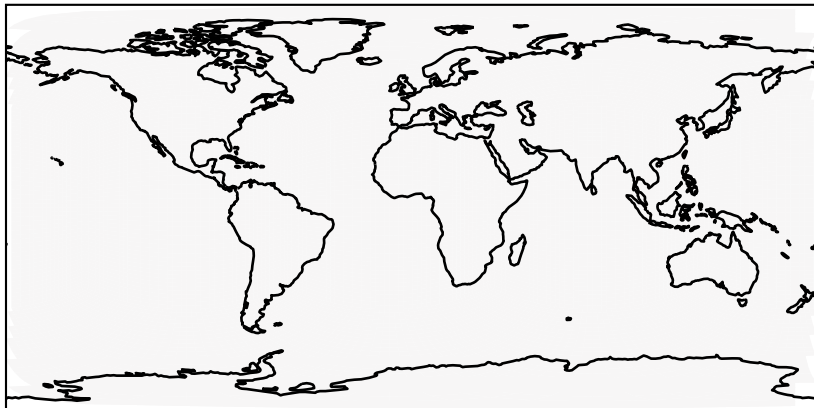
Zero throughout domain
kg/m²/s

GCHP_13.0.0-rc.0 (Dev)
c48



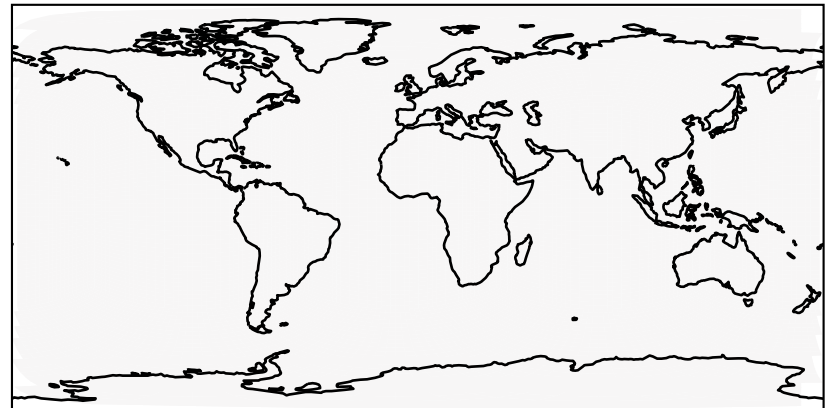
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



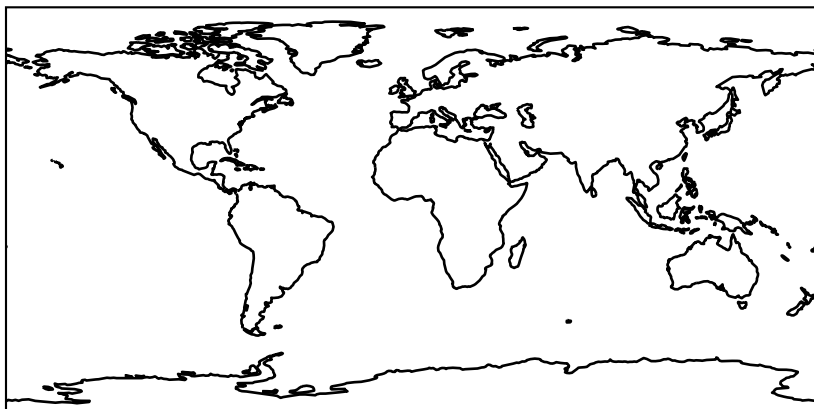
Zero throughout domain
kg/m²/s

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



Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

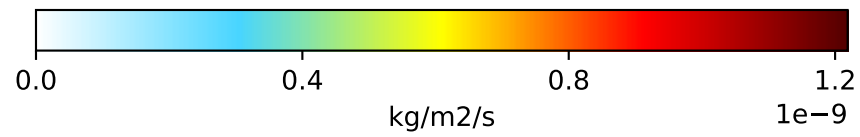
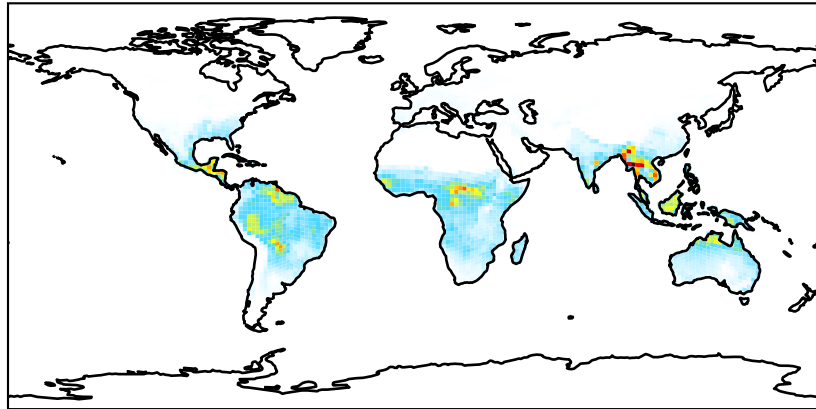
Ratio
Dev/Ref, Fixed Range



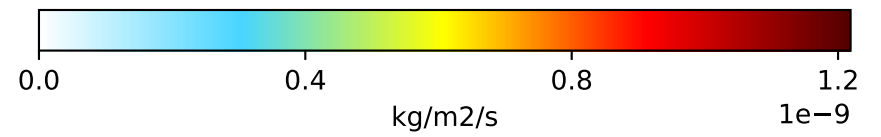
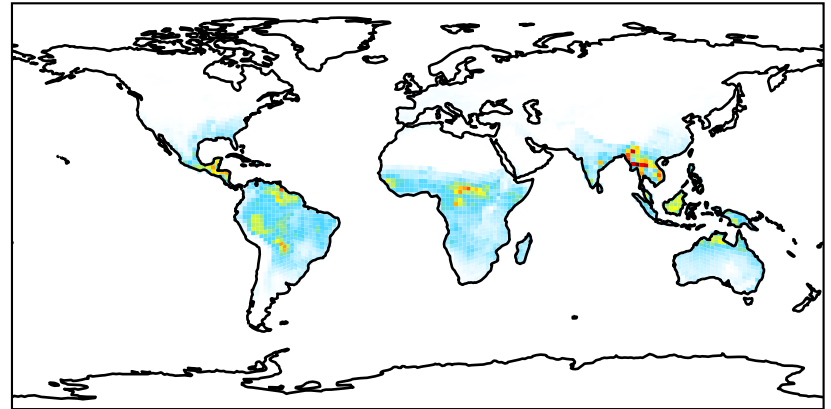
Undefined throughout domain
unitless

EmisSOP_Biogenic (Apr2019)

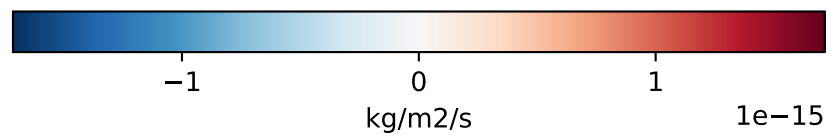
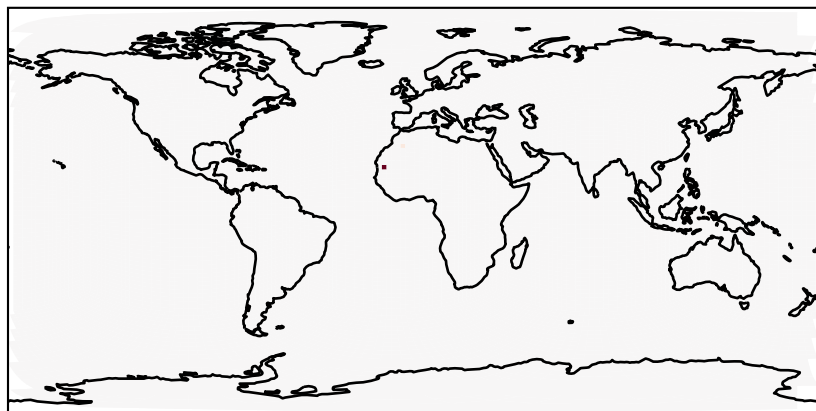
GCHP_13.0.0-beta.1 (Ref)
c48



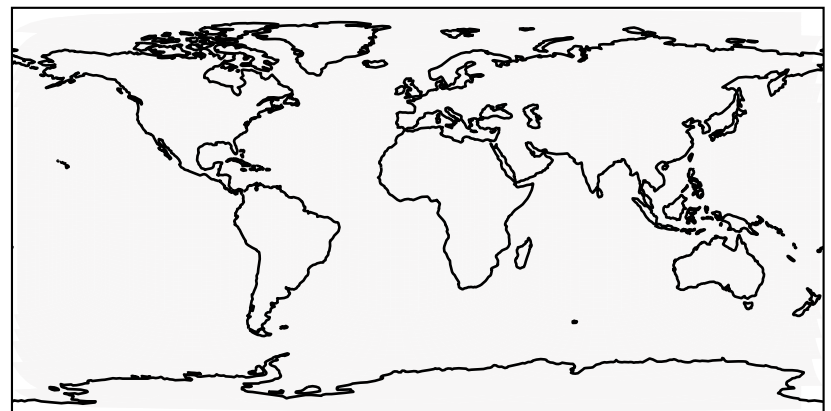
GCHP_13.0.0-rc.0 (Dev)
c48



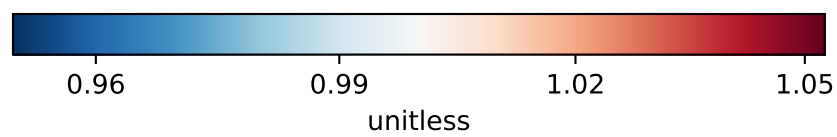
Difference
Dev - Ref, Dynamic Range



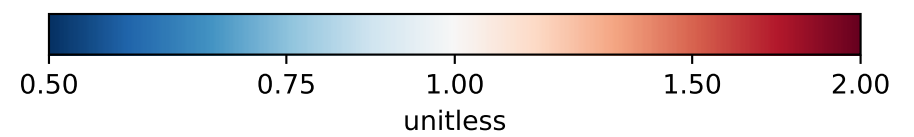
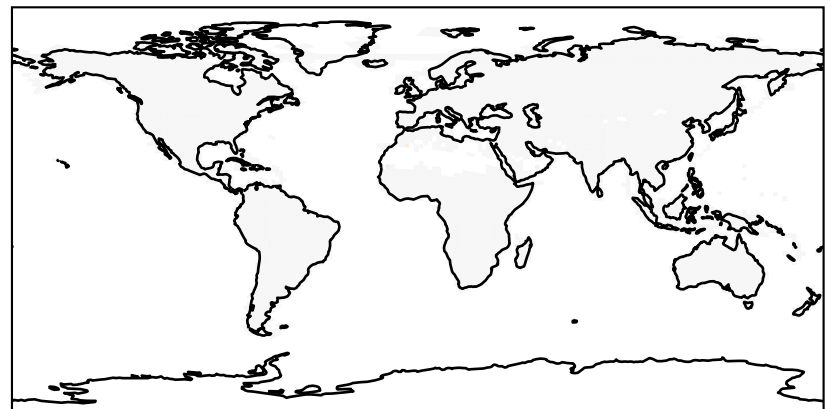
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

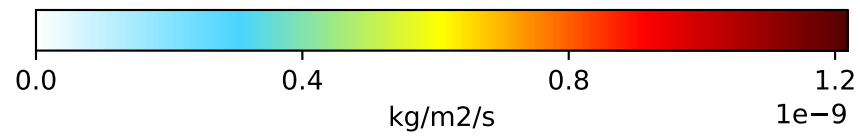
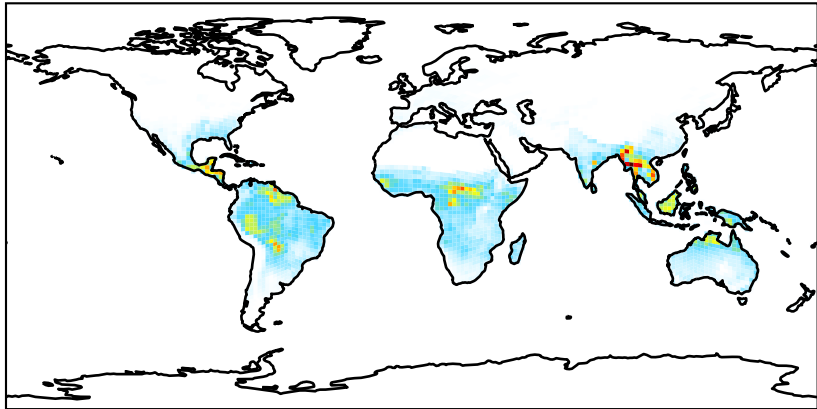


Ratio
Dev/Ref, Fixed Range

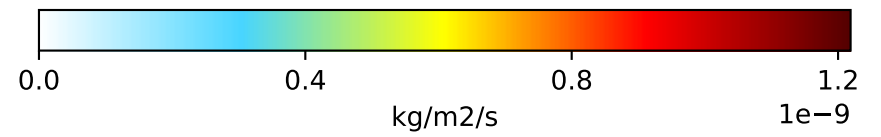
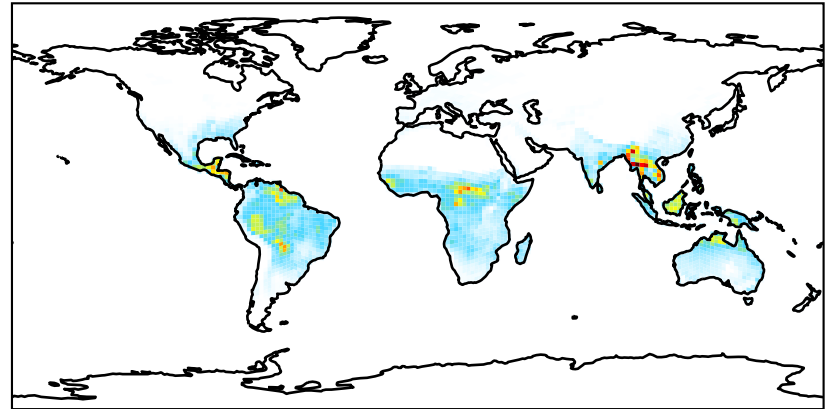


EmisSOP_Total (Apr2019)

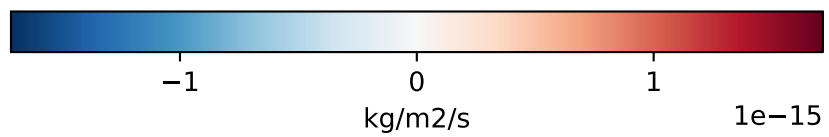
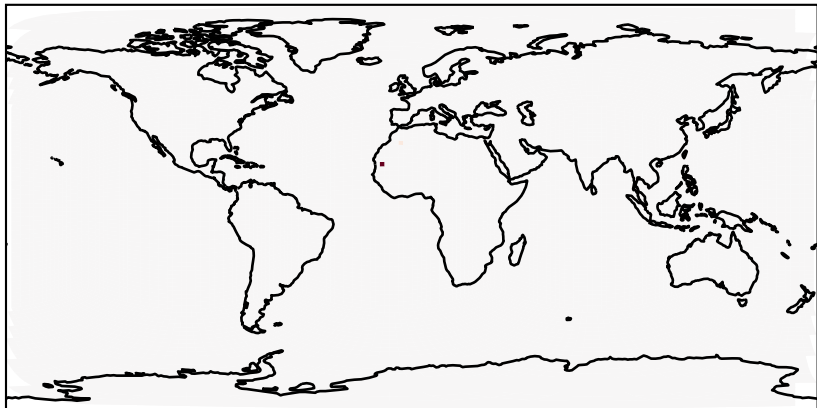
GCHP_13.0.0-beta.1 (Ref)
c48



GCHP_13.0.0-rc.0 (Dev)
c48



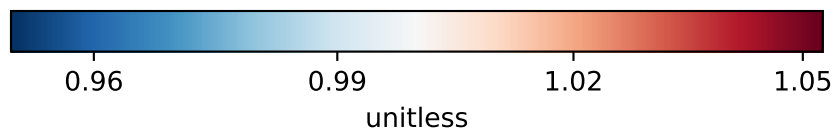
Difference
Dev - Ref, Dynamic Range



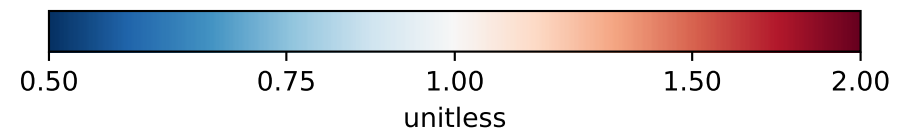
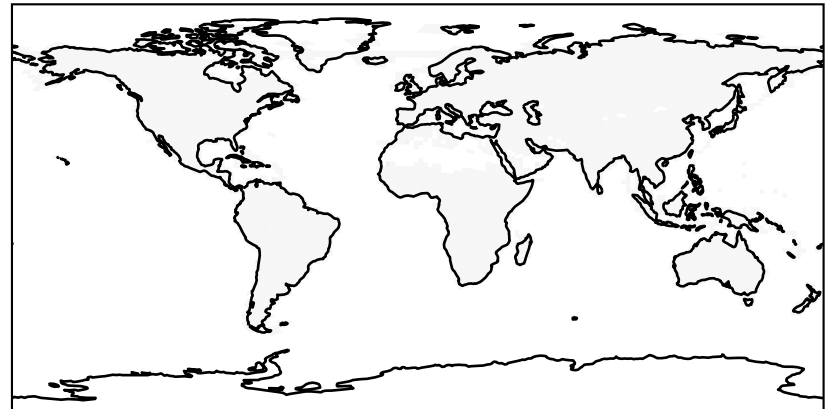
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

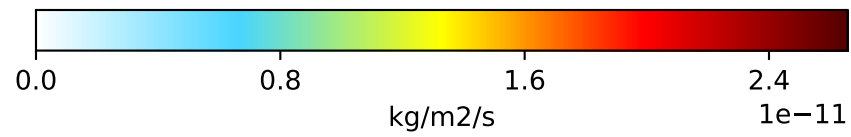
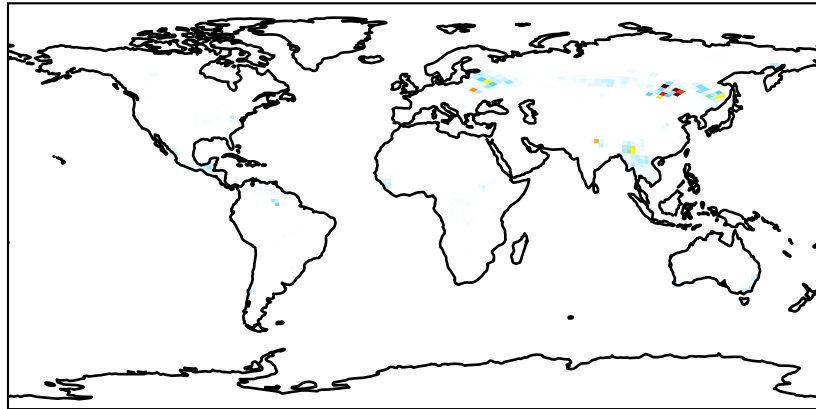


Ratio
Dev/Ref, Fixed Range

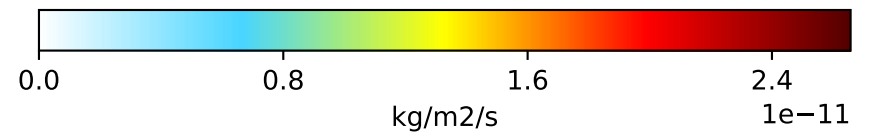
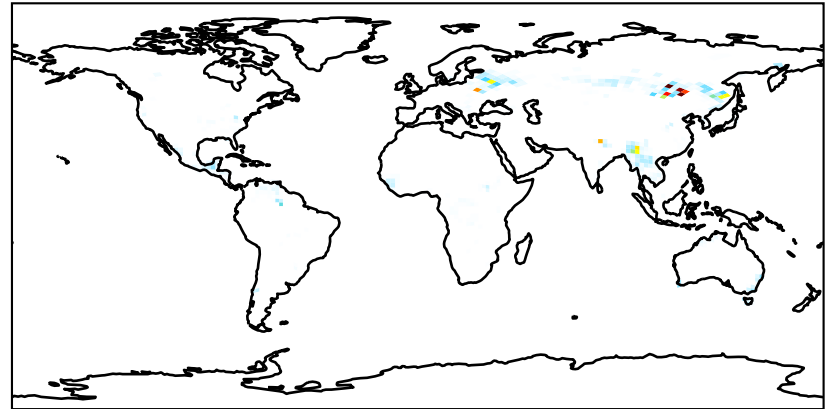


EmisMTPA_BioBurn (Apr2019)

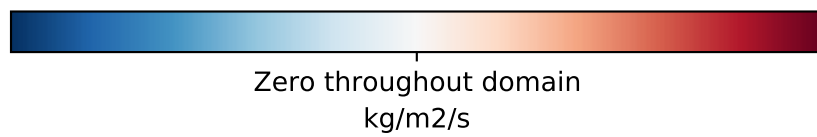
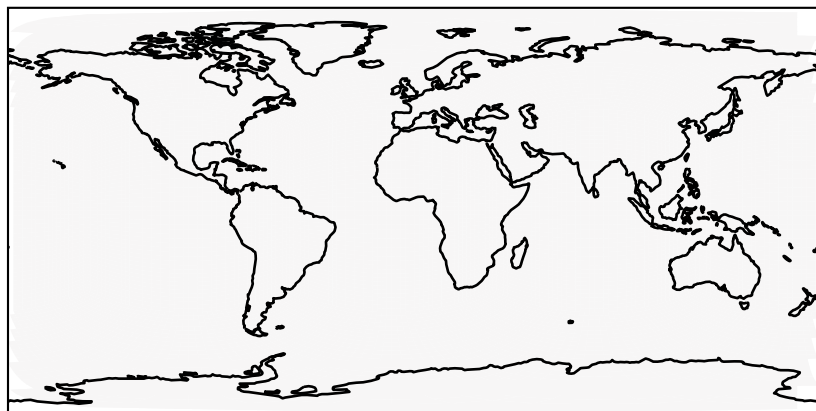
GCHP_13.0.0-beta.1 (Ref)
c48



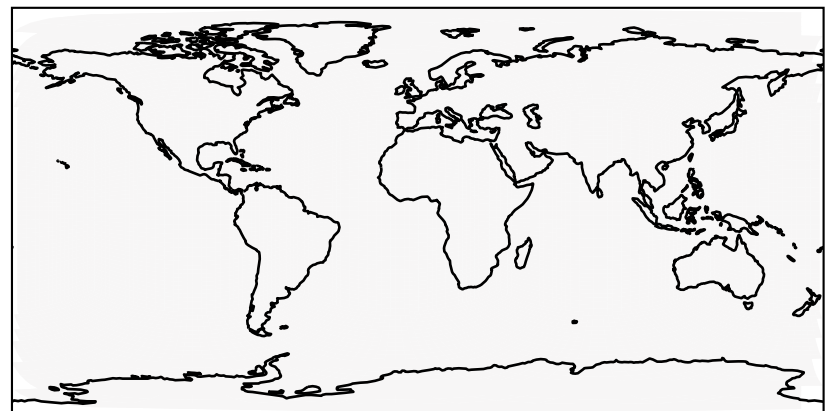
GCHP_13.0.0-rc.0 (Dev)
c48



Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range

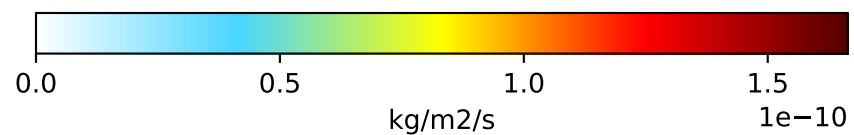
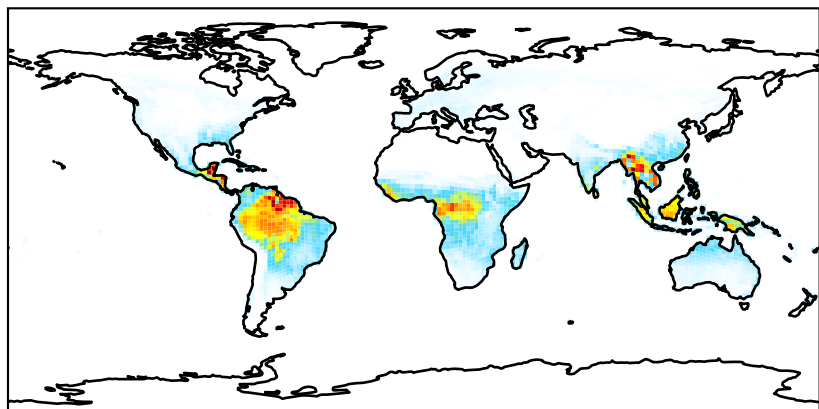


Ratio
Dev/Ref, Fixed Range

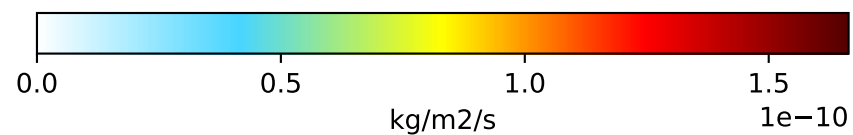
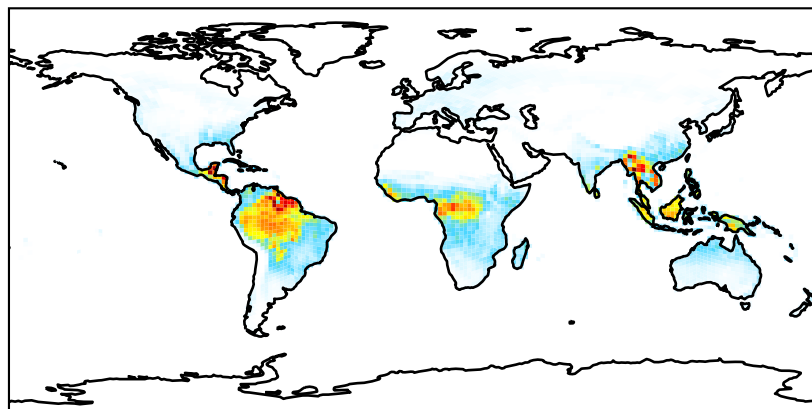


EmisMTPA_Biogenic (Apr2019)

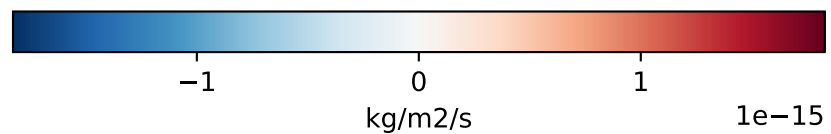
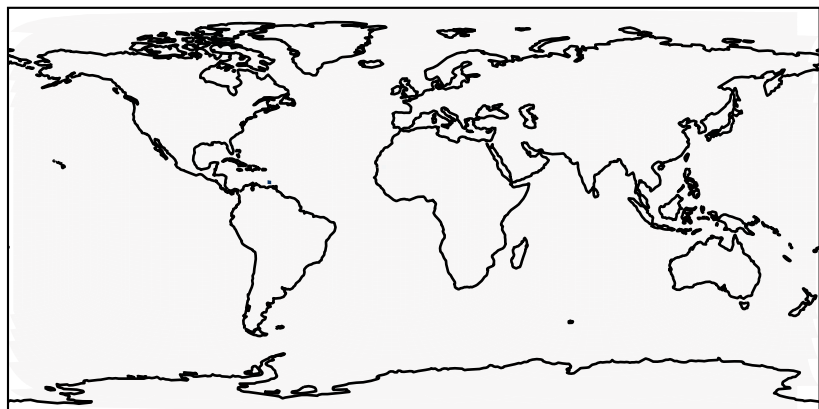
GCHP_13.0.0-beta.1 (Ref)
c48



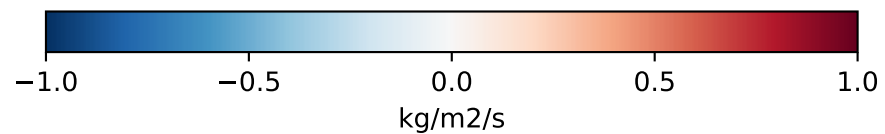
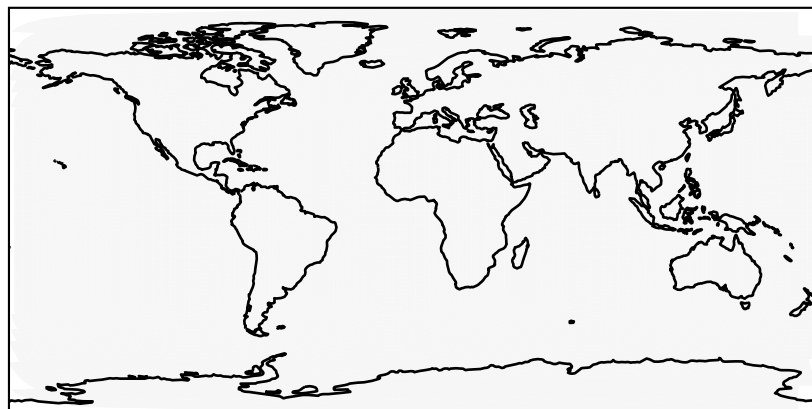
GCHP_13.0.0-rc.0 (Dev)
c48



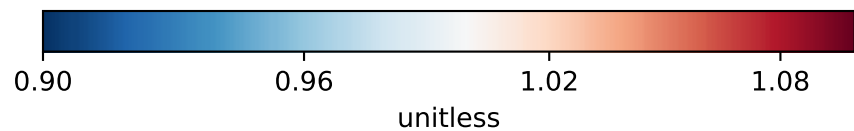
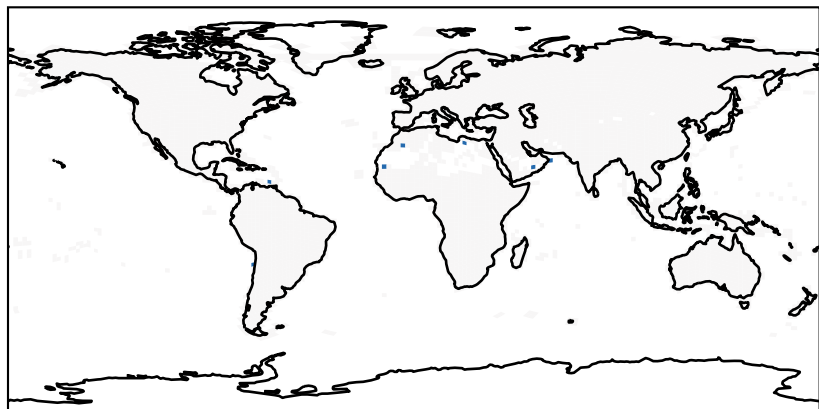
Difference
Dev - Ref, Dynamic Range



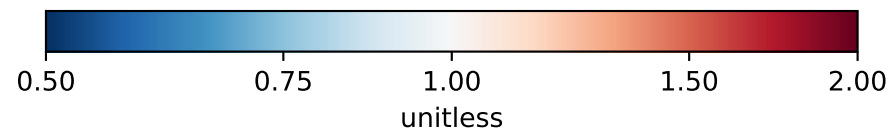
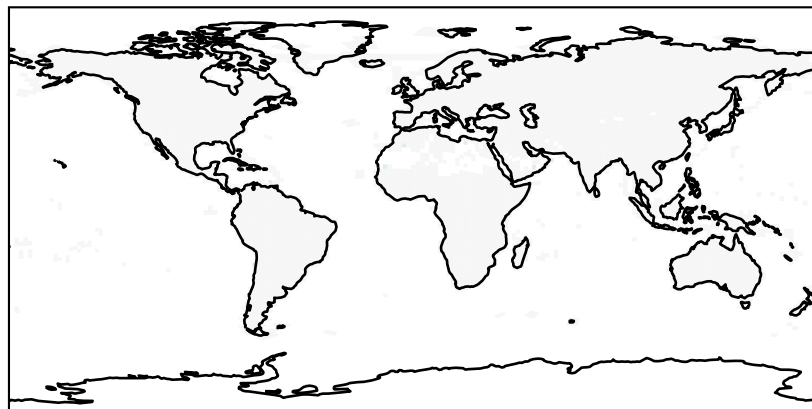
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

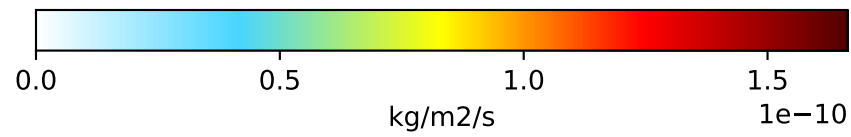
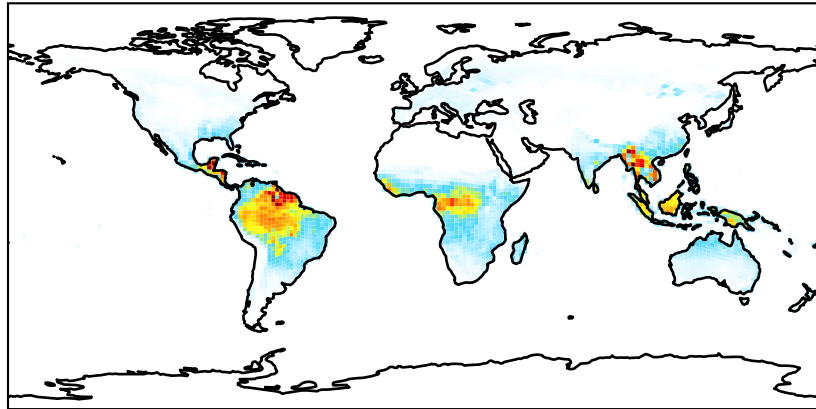


Ratio
Dev/Ref, Fixed Range

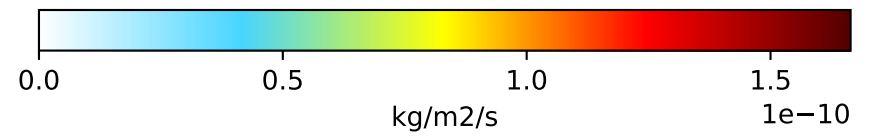
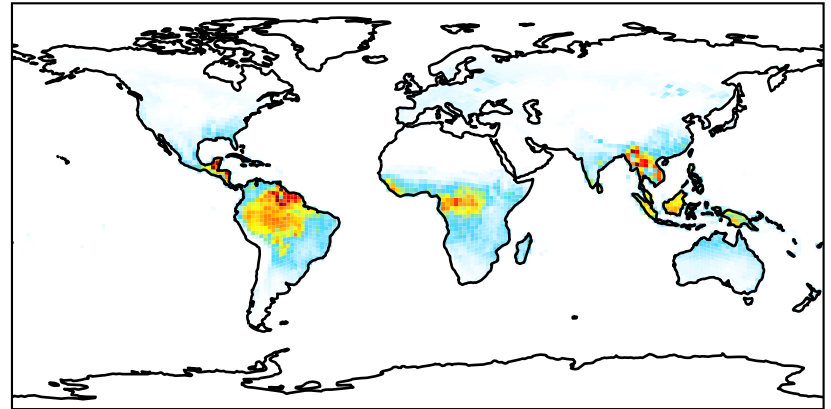


EmisMTPA_Total (Apr2019)

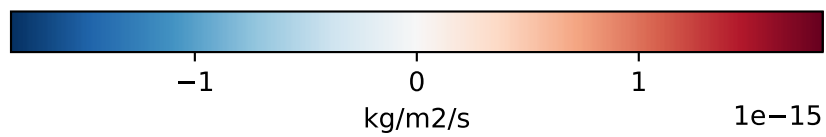
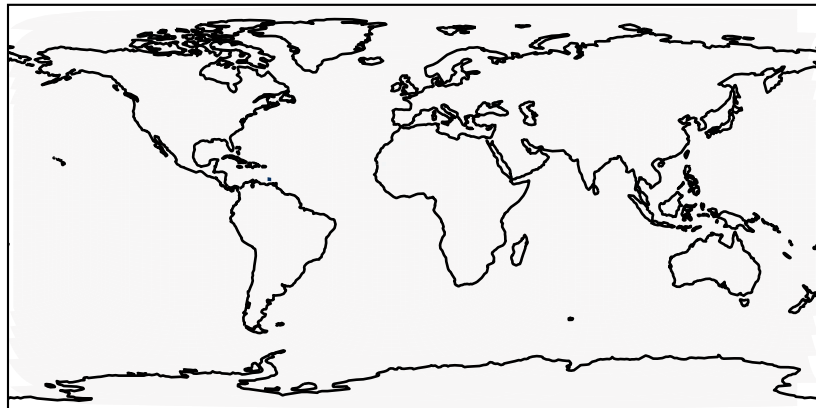
GCHP_13.0.0-beta.1 (Ref)
c48



GCHP_13.0.0-rc.0 (Dev)
c48



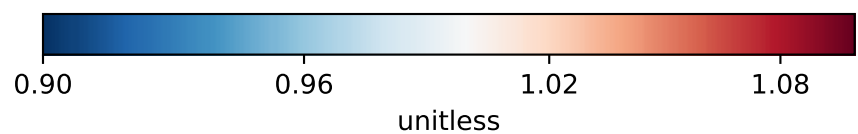
Difference
Dev - Ref, Dynamic Range



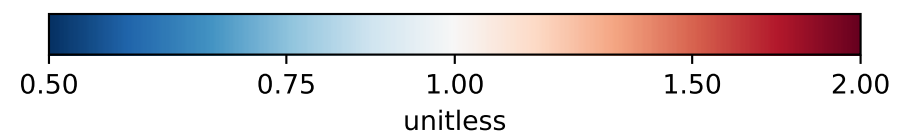
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

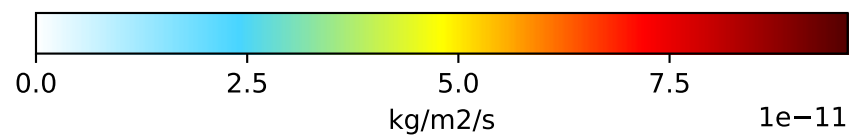
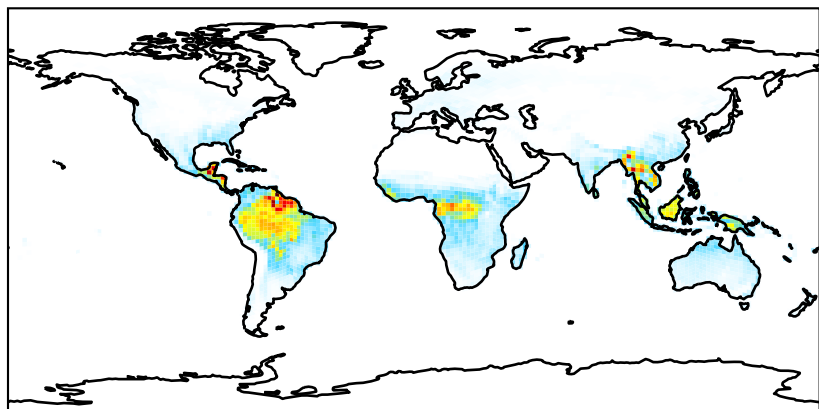


Ratio
Dev/Ref, Fixed Range

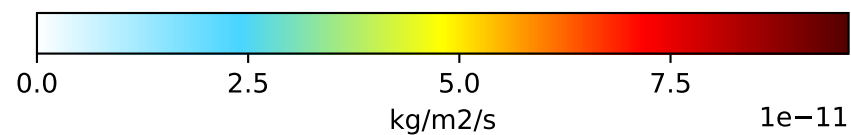
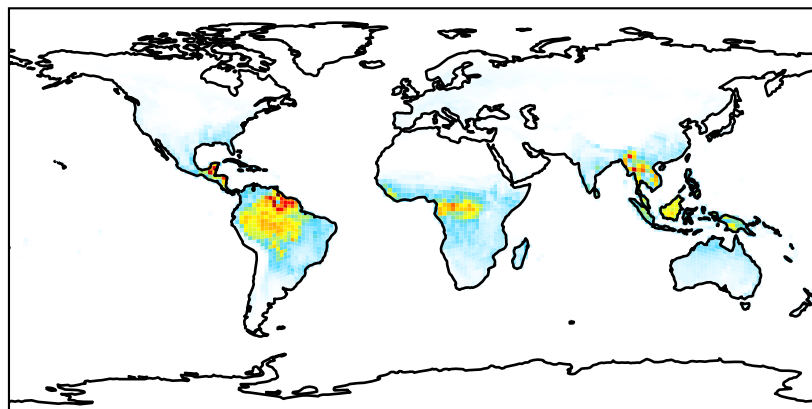


EmisMTPO_Biogenic (Apr2019)

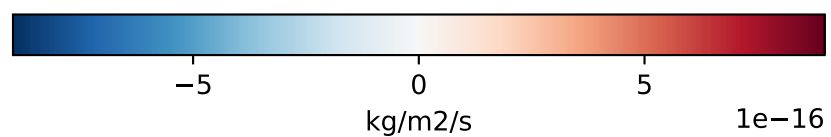
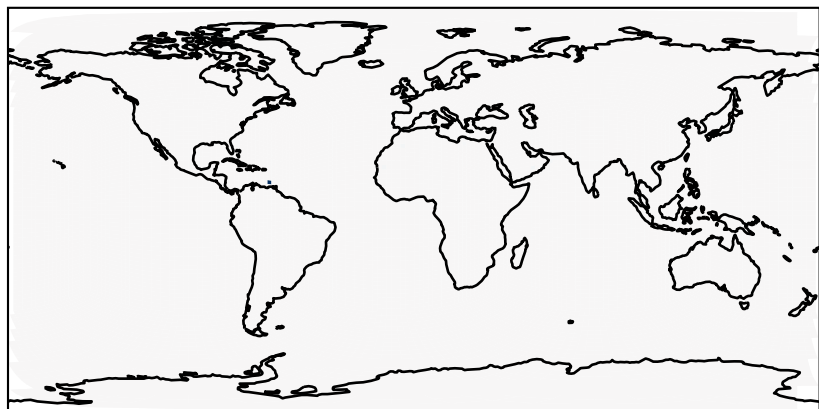
GCHP_13.0.0-beta.1 (Ref)
c48



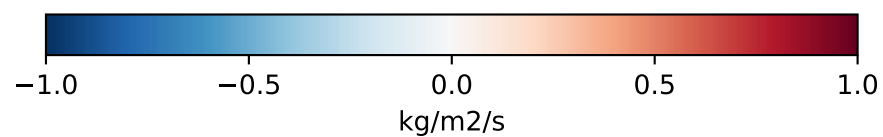
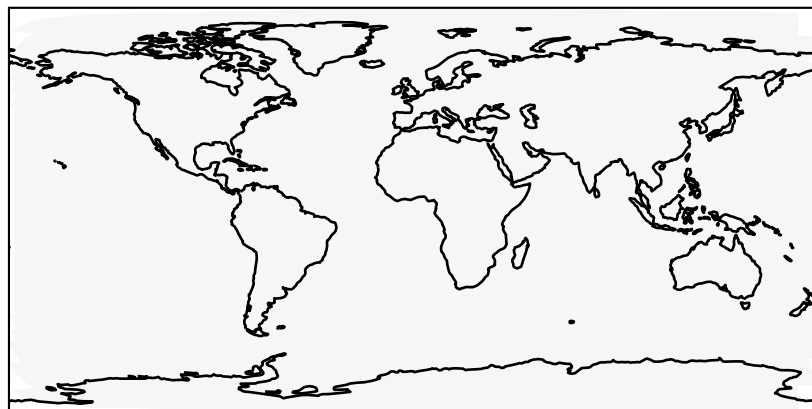
GCHP_13.0.0-rc.0 (Dev)
c48



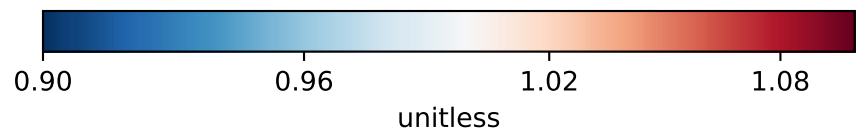
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range

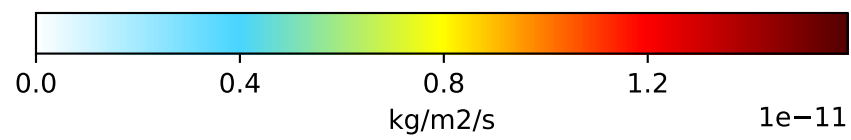
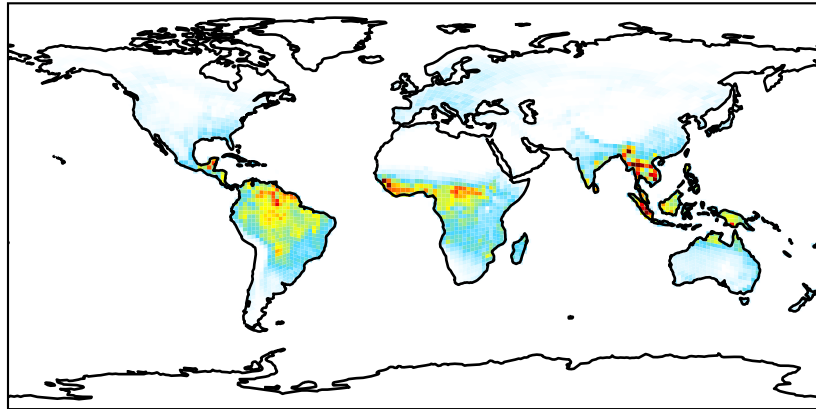


Ratio
Dev/Ref, Fixed Range

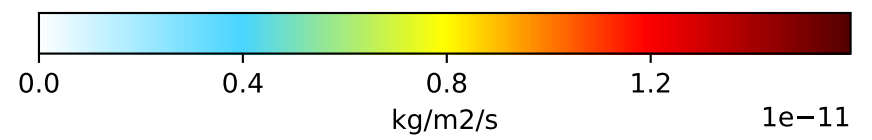
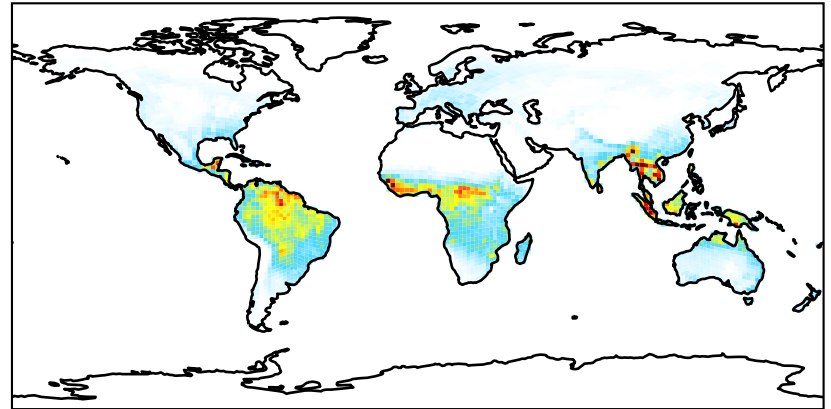


EmisLIMO_Biogenic (Apr2019)

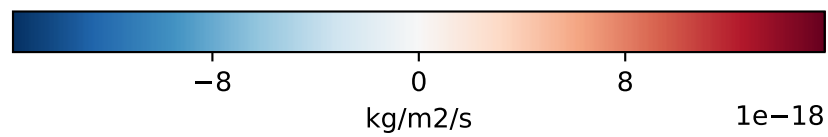
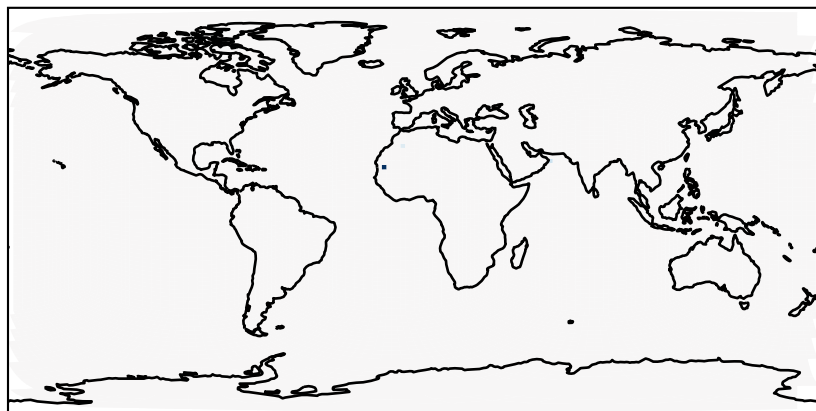
GCHP_13.0.0-beta.1 (Ref)
c48



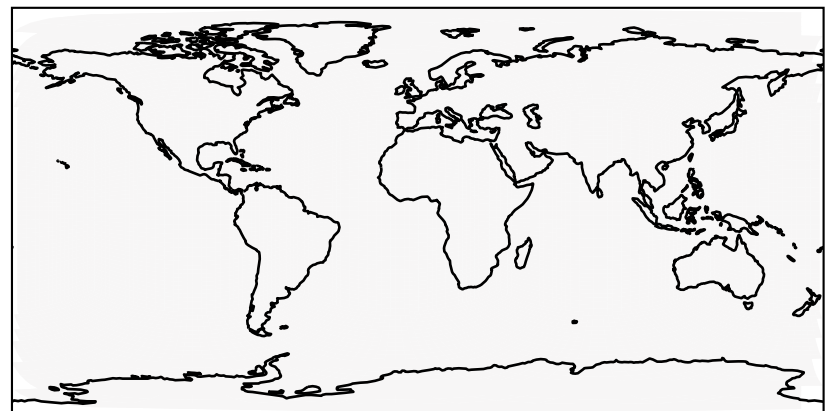
GCHP_13.0.0-rc.0 (Dev)
c48



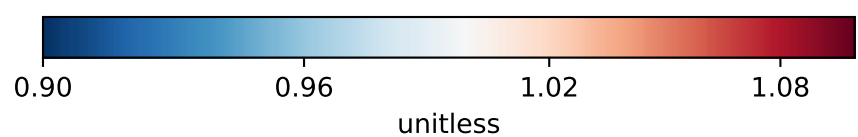
Difference
Dev - Ref, Dynamic Range



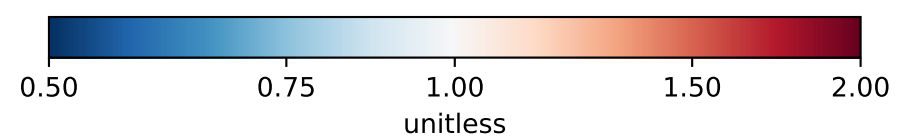
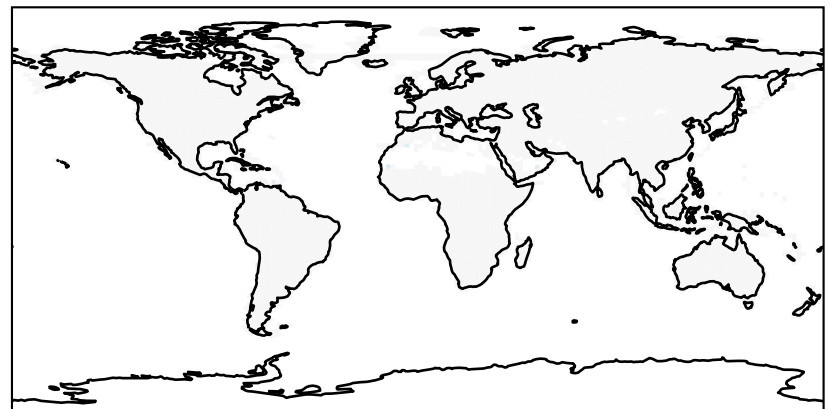
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

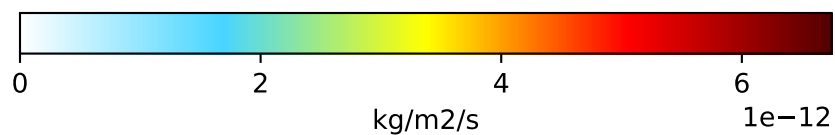


Ratio
Dev/Ref, Fixed Range

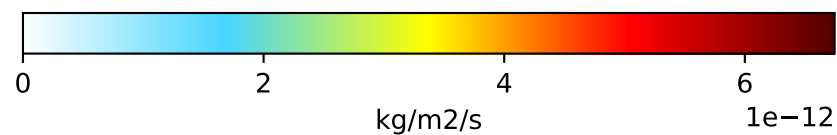
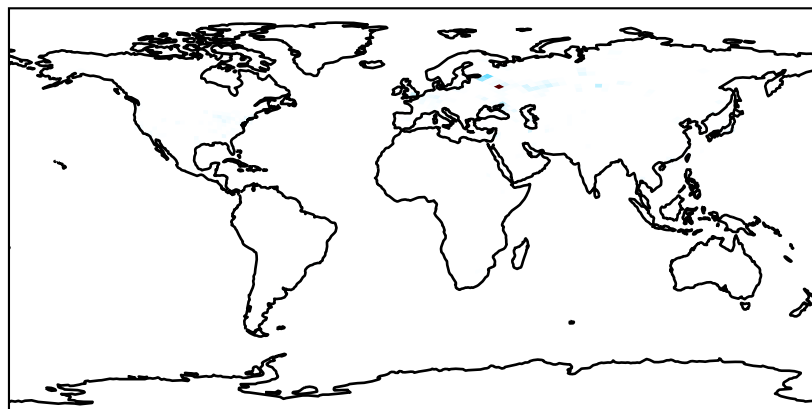


EmisALK4_Aircraft (Apr2019)

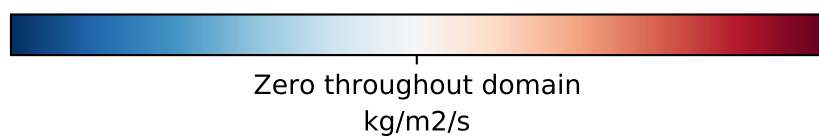
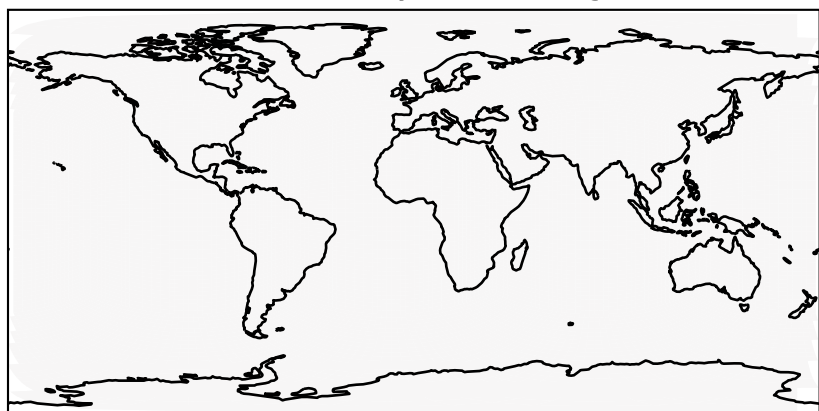
GCHP_13.0.0-beta.1 (Ref)
c48



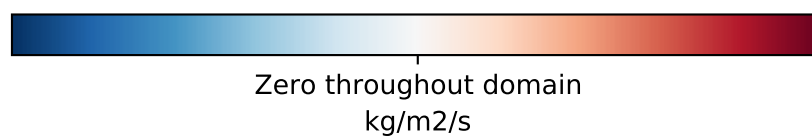
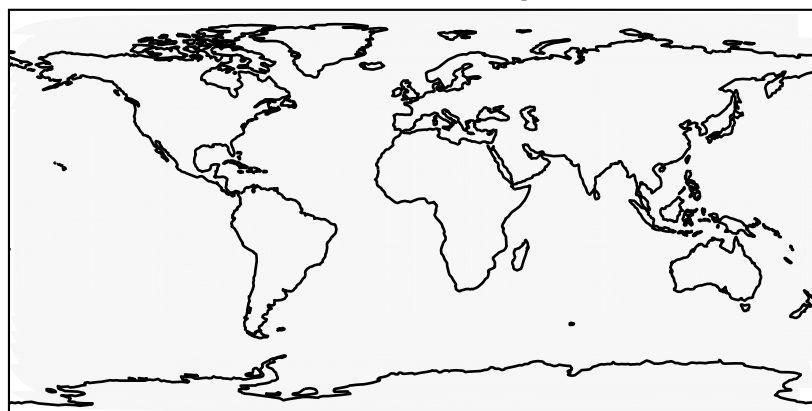
GCHP_13.0.0-rc.0 (Dev)
c48



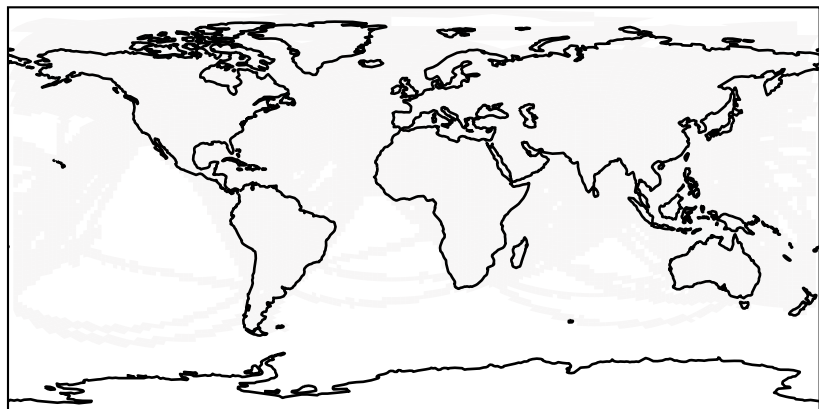
Difference
Dev - Ref, Dynamic Range



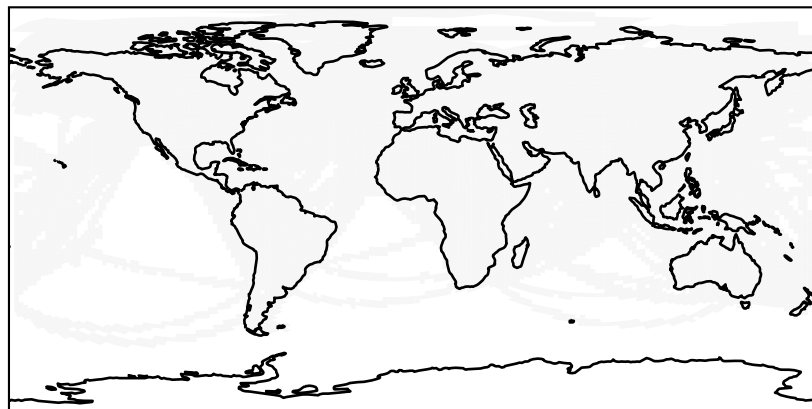
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

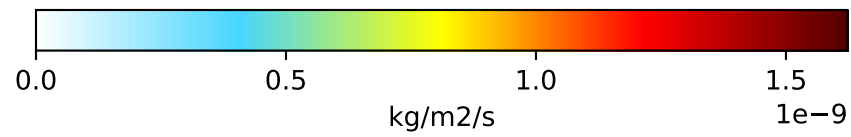
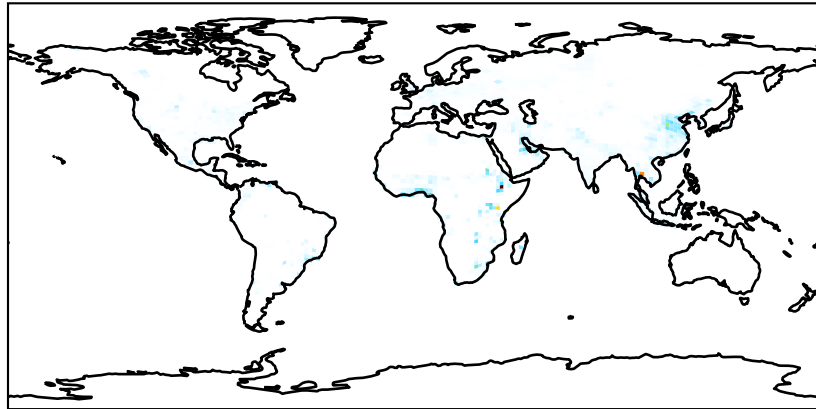


Ratio
Dev/Ref, Fixed Range

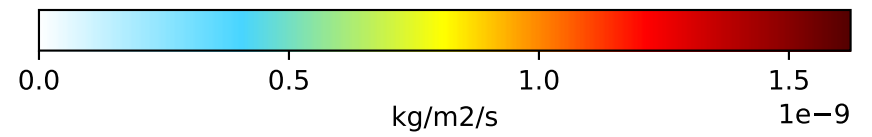
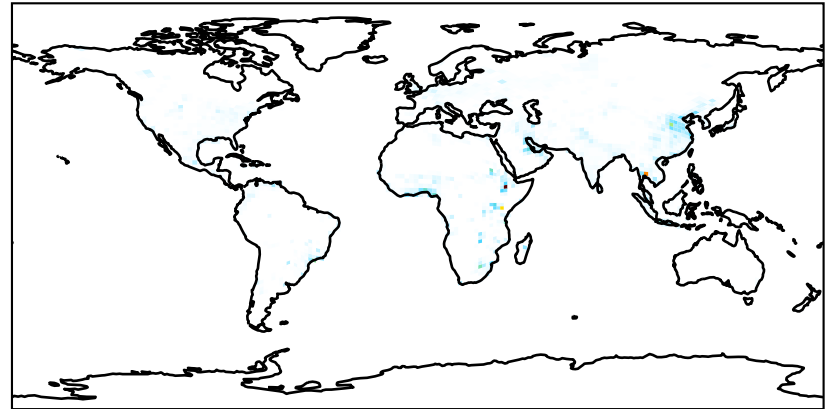


EmisALK4_Anthro (Apr2019)

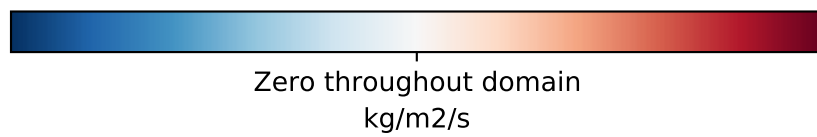
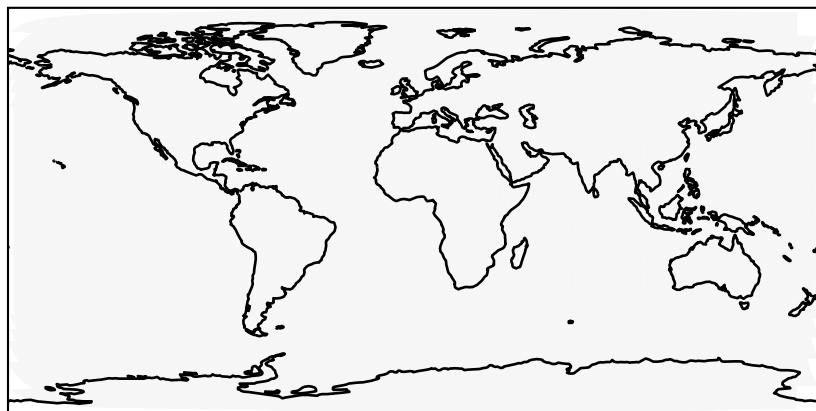
GCHP_13.0.0-beta.1 (Ref)
c48



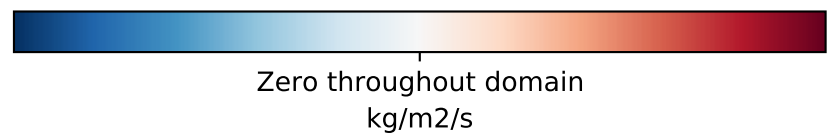
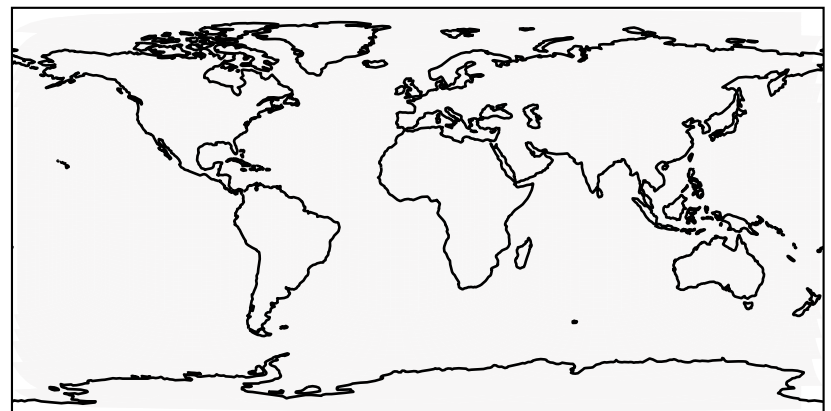
GCHP_13.0.0-rc.0 (Dev)
c48



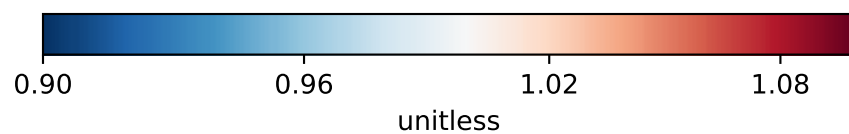
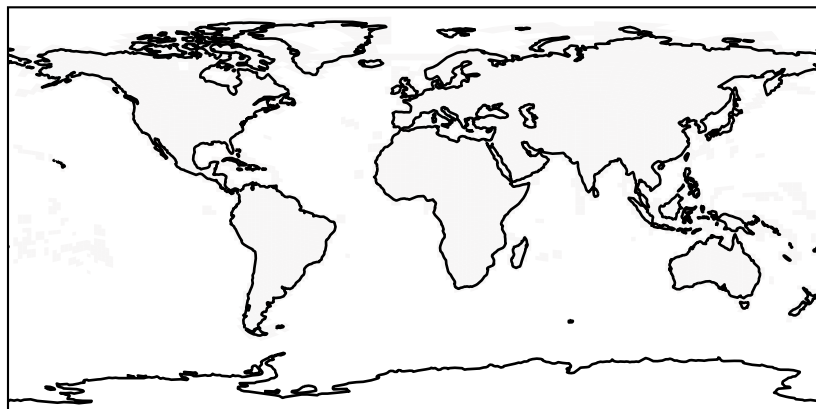
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range

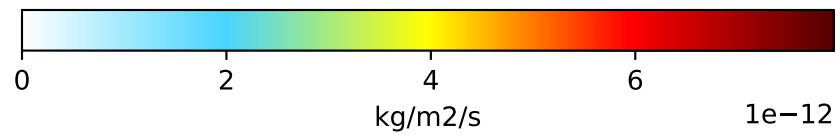
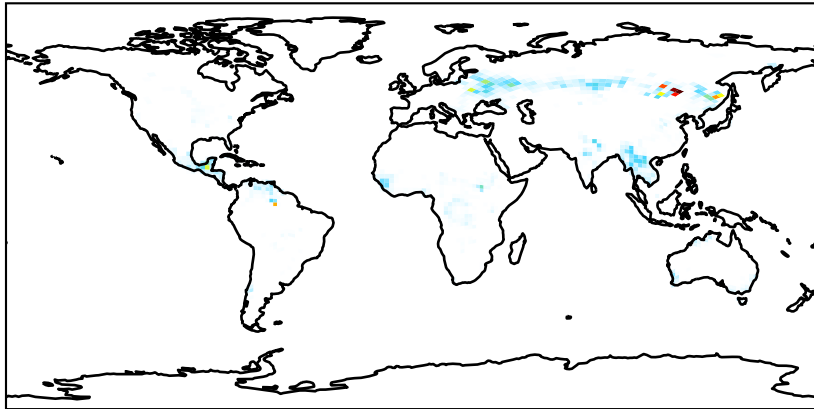


Ratio
Dev/Ref, Fixed Range

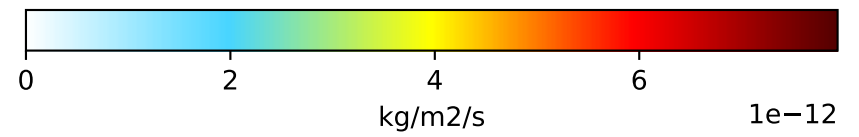
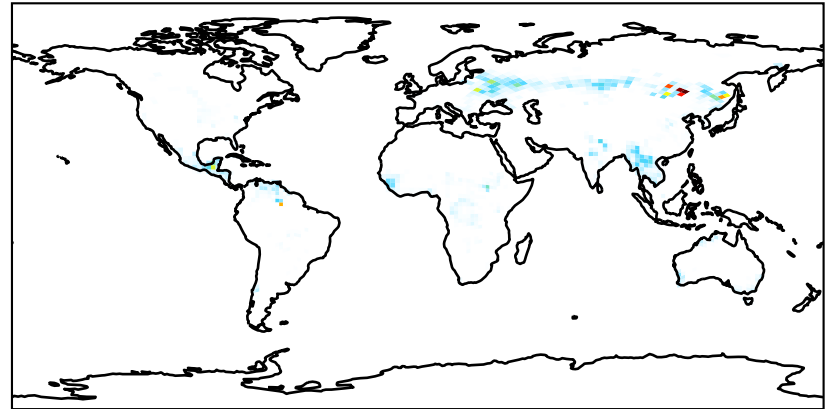


EmisALK4_BioBurn (Apr2019)

GCHP_13.0.0-beta.1 (Ref)
c48



GCHP_13.0.0-rc.0 (Dev)
c48



Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range

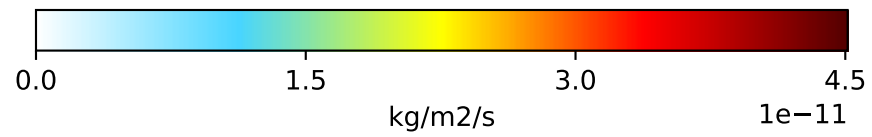
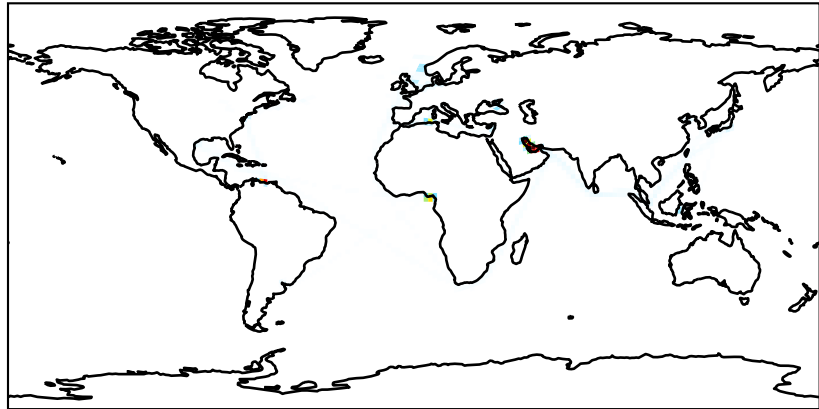


Ratio
Dev/Ref, Fixed Range

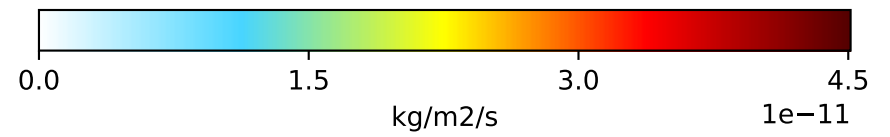
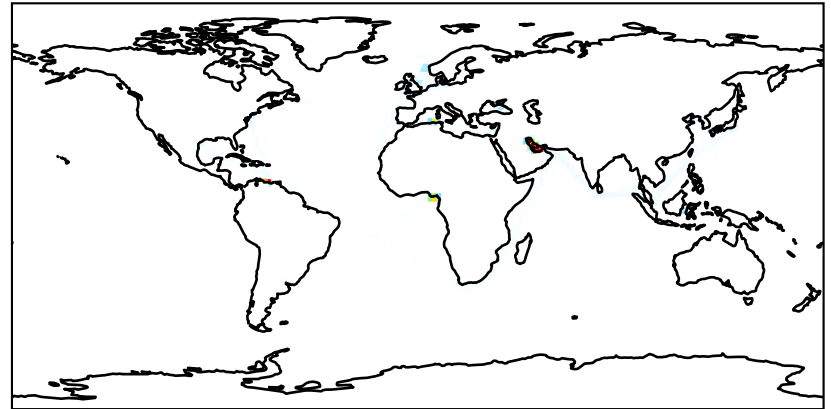


EmisALK4_Ship (Apr2019)

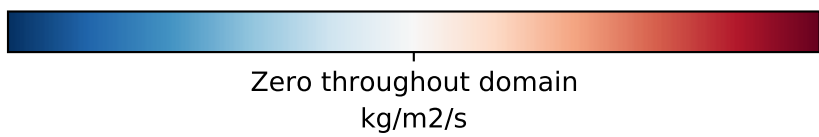
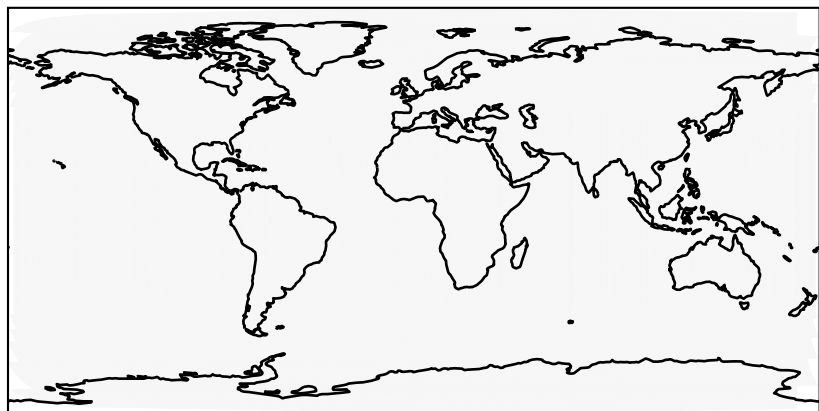
GCHP_13.0.0-beta.1 (Ref)
c48



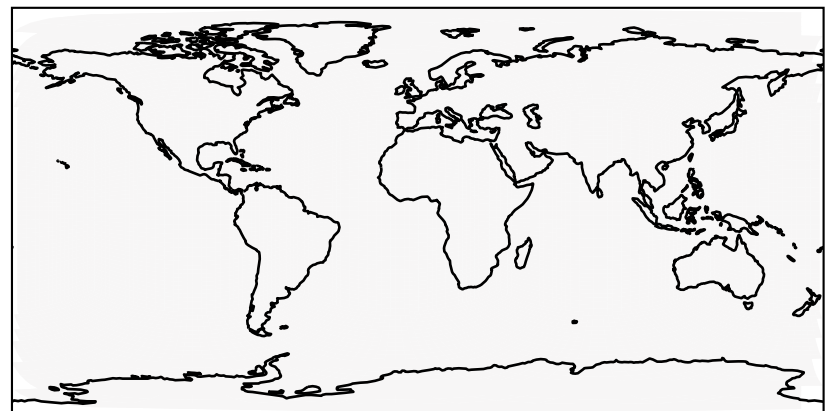
GCHP_13.0.0-rc.0 (Dev)
c48



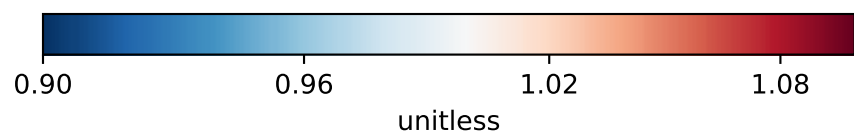
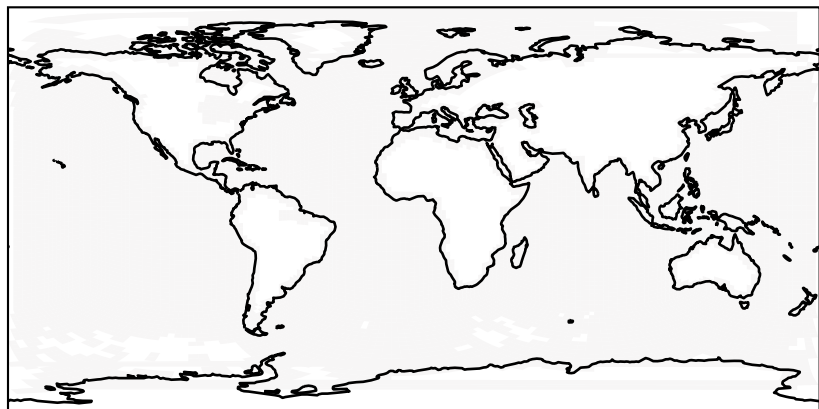
Difference
Dev - Ref, Dynamic Range



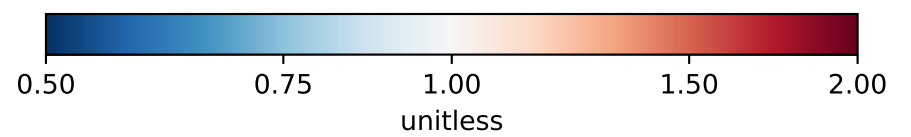
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

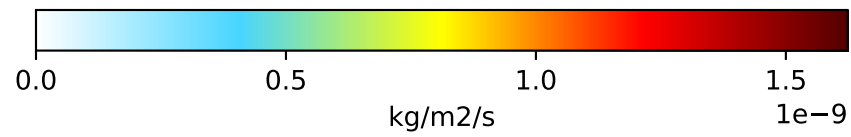
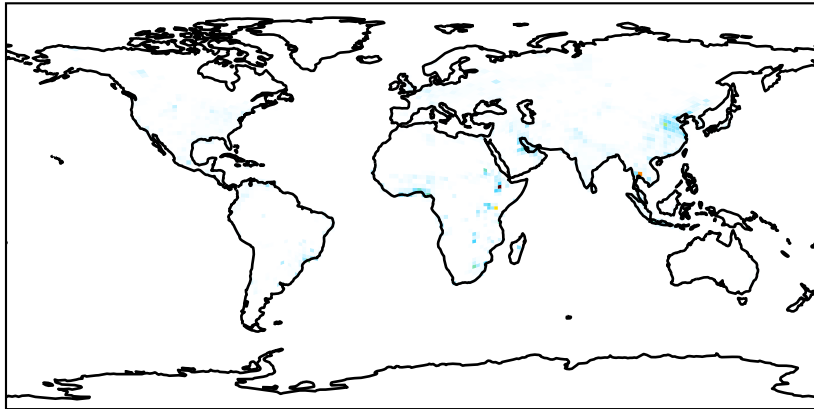


Ratio
Dev/Ref, Fixed Range

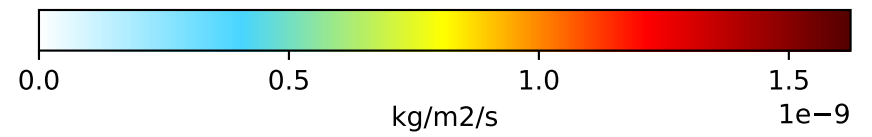
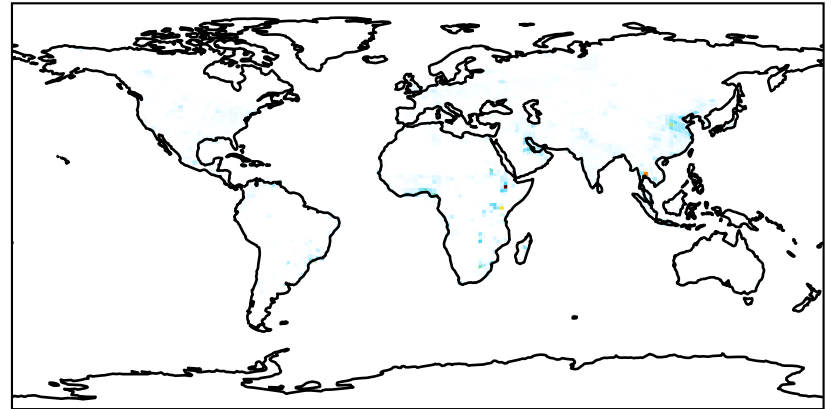


EmisALK4_Total (Apr2019)

GCHP_13.0.0-beta.1 (Ref)
c48



GCHP_13.0.0-rc.0 (Dev)
c48



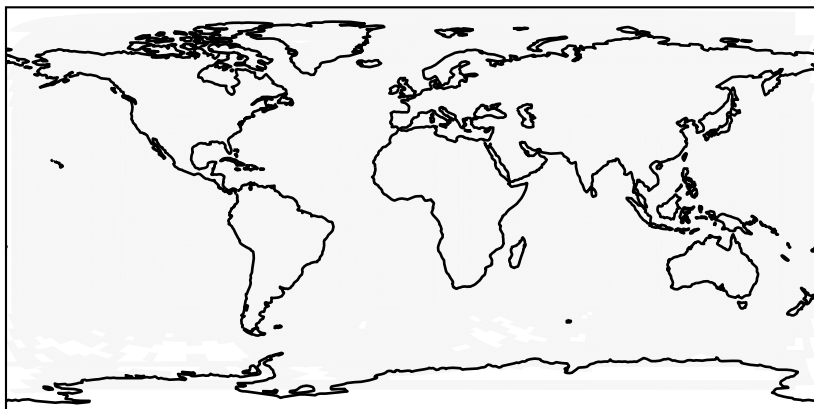
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range

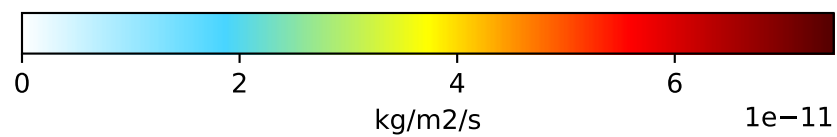
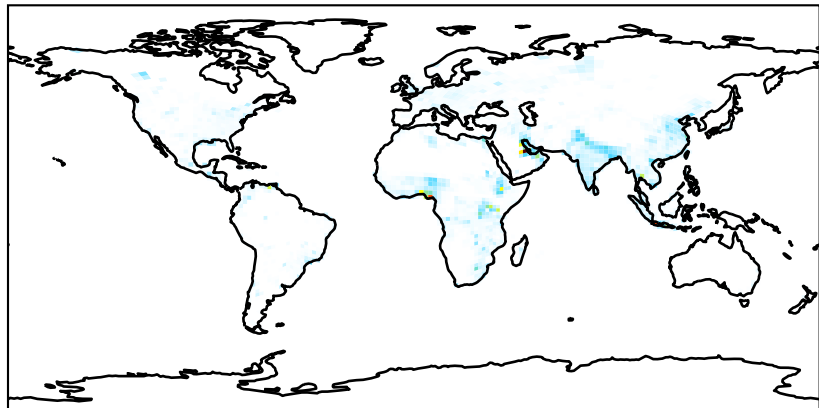


Ratio
Dev/Ref, Fixed Range

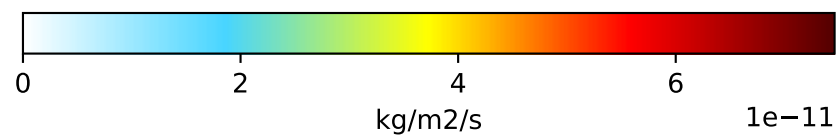
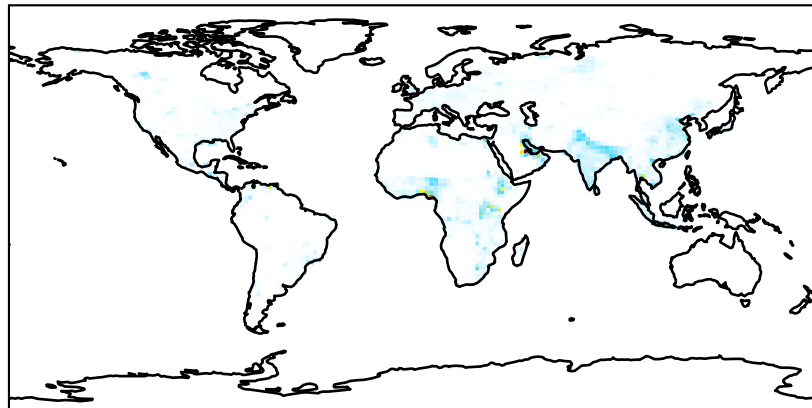


EmisBENZ_Anthro (Apr2019)

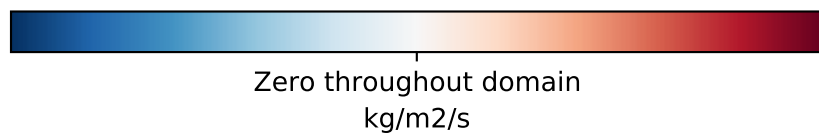
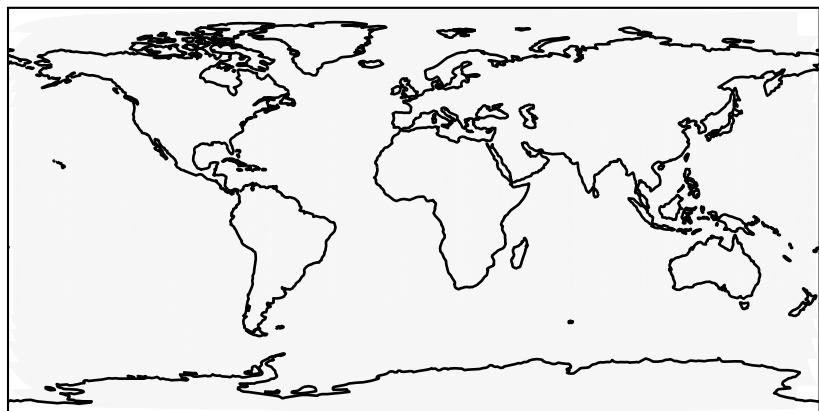
GCHP_13.0.0-beta.1 (Ref)
c48



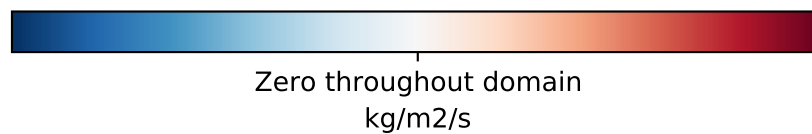
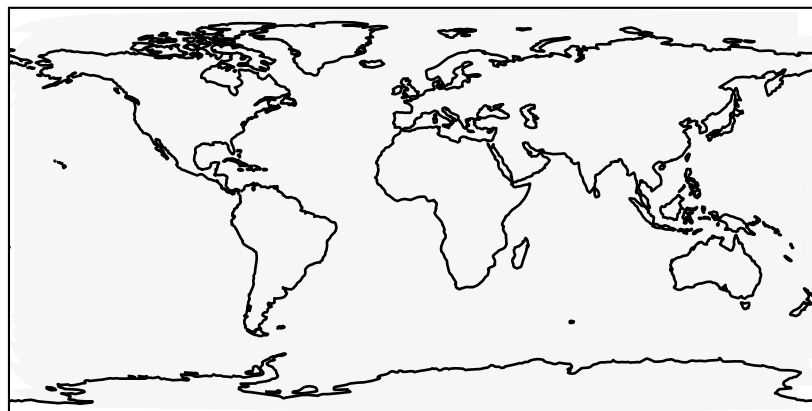
GCHP_13.0.0-rc.0 (Dev)
c48



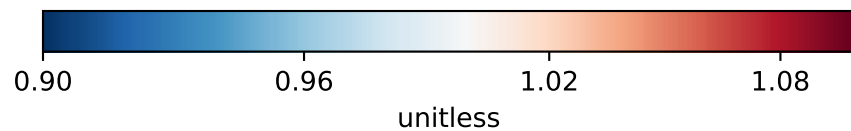
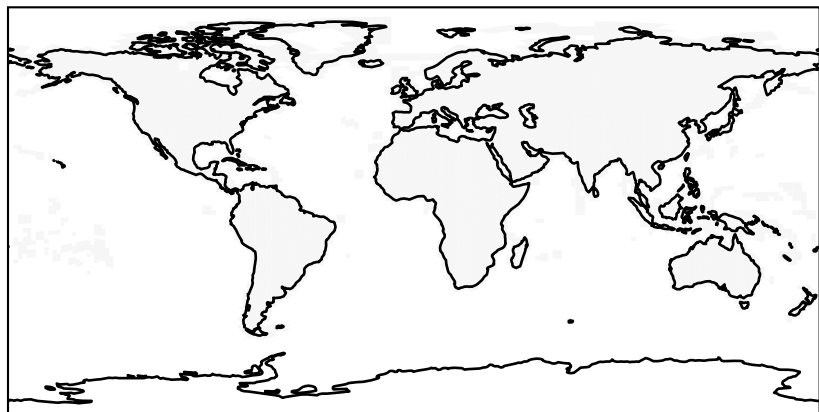
Difference
Dev - Ref, Dynamic Range



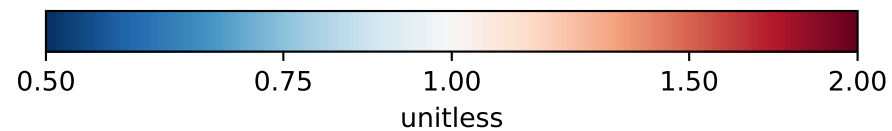
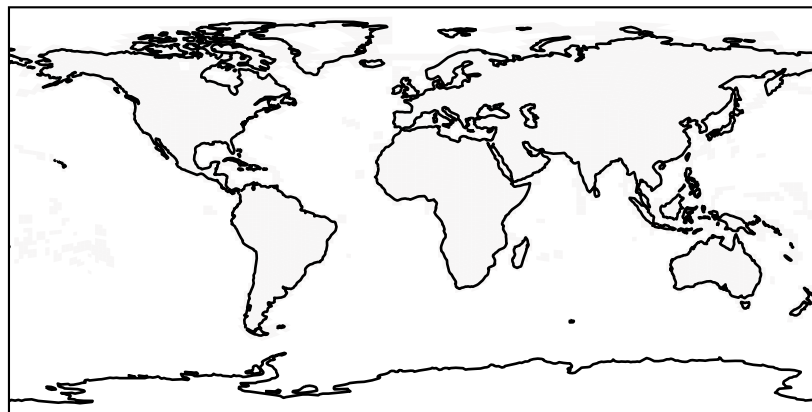
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

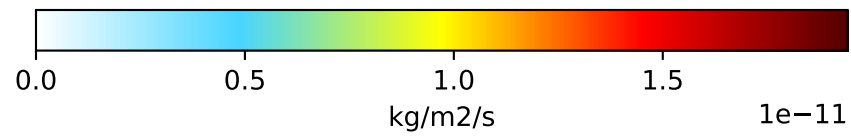
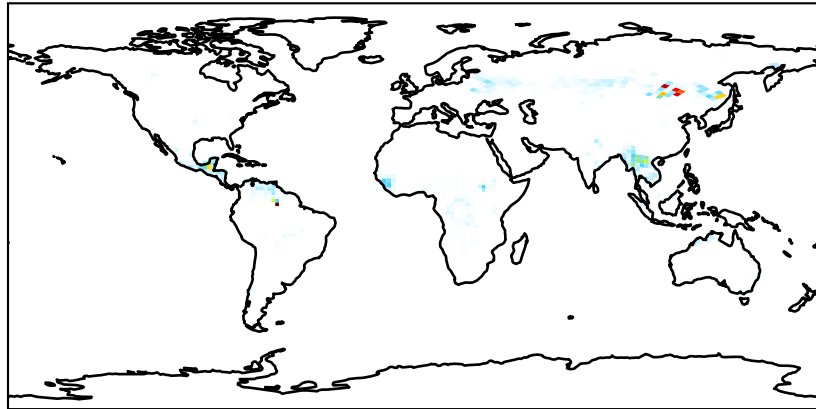


Ratio
Dev/Ref, Fixed Range

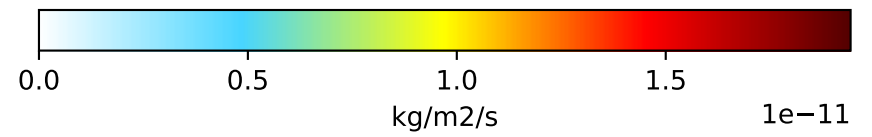
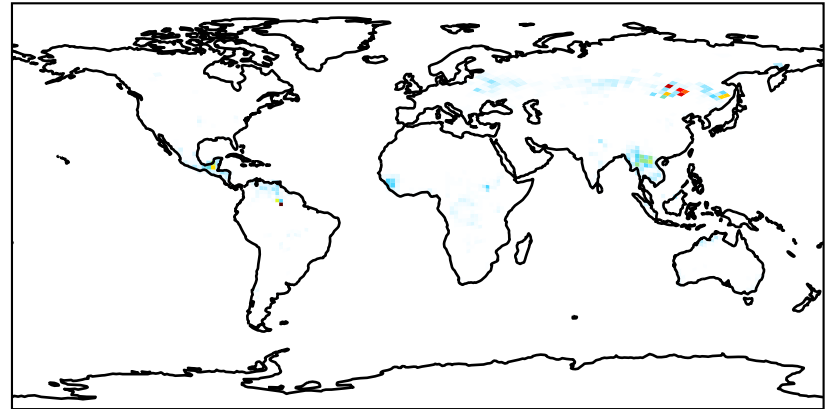


EmisBENZ_BioBurn (Apr2019)

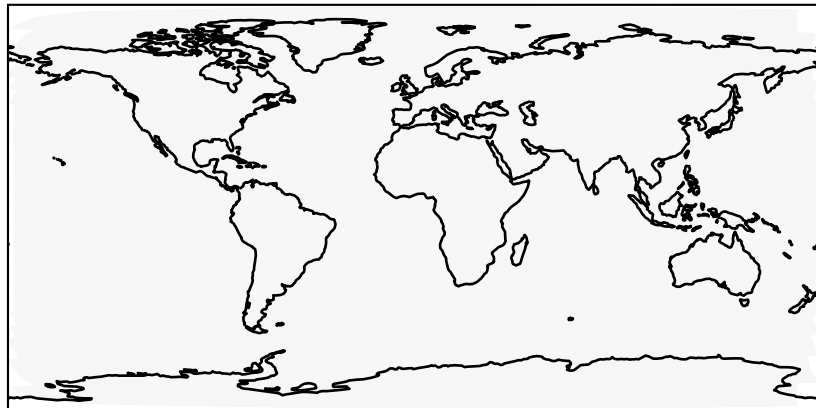
GCHP_13.0.0-beta.1 (Ref)
c48



GCHP_13.0.0-rc.0 (Dev)
c48



Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range

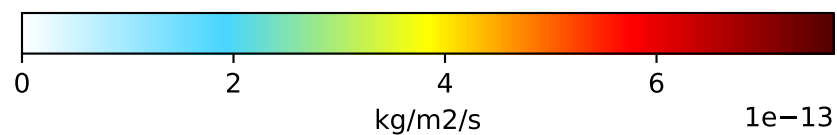
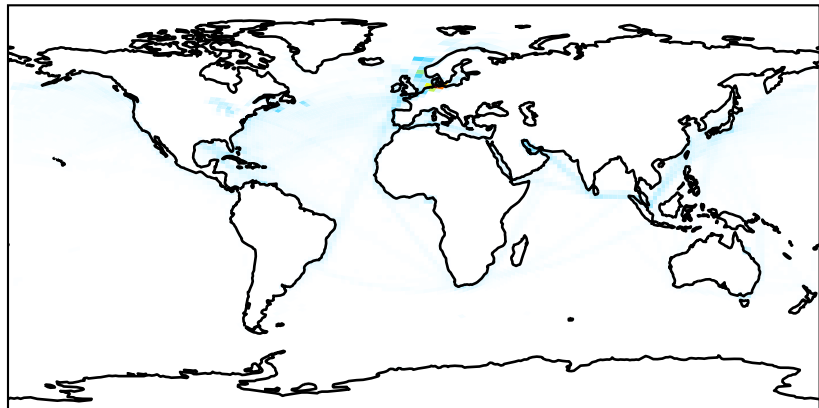


Ratio
Dev/Ref, Fixed Range

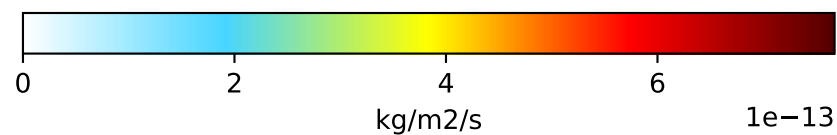
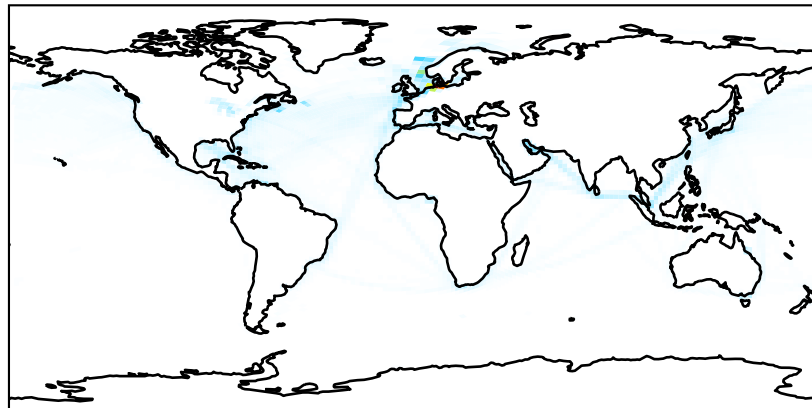


EmisBENZ_Ship (Apr2019)

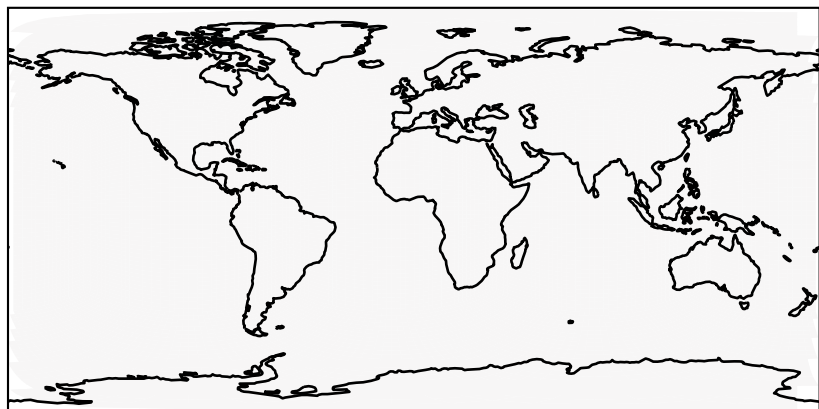
GCHP_13.0.0-beta.1 (Ref)
c48



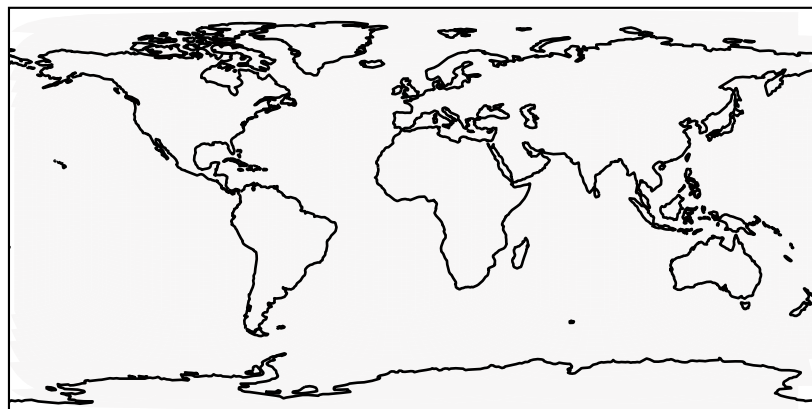
GCHP_13.0.0-rc.0 (Dev)
c48



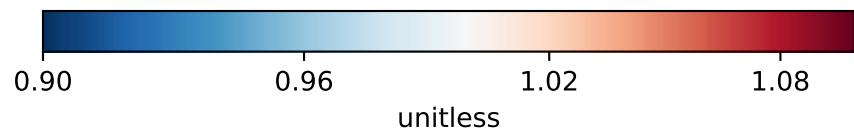
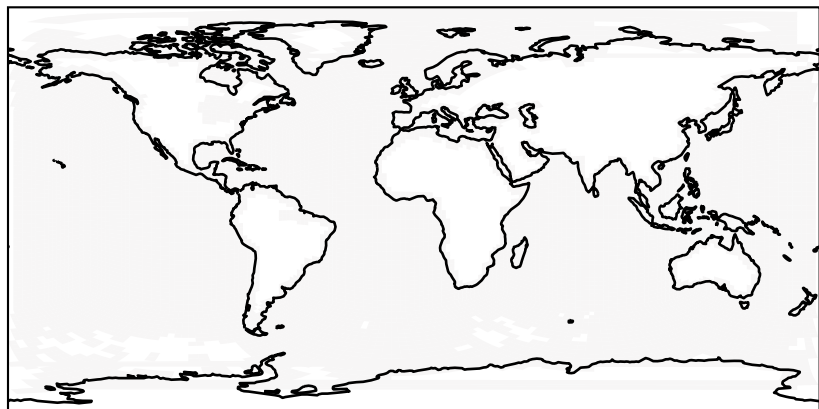
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range

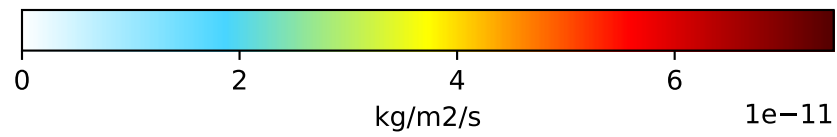
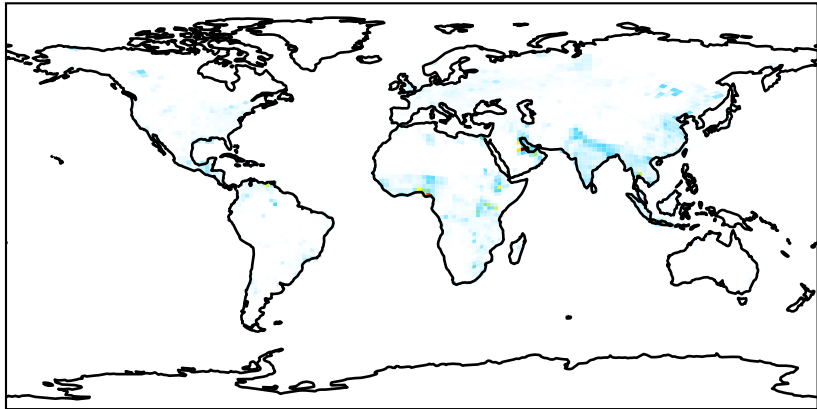


Ratio
Dev/Ref, Fixed Range

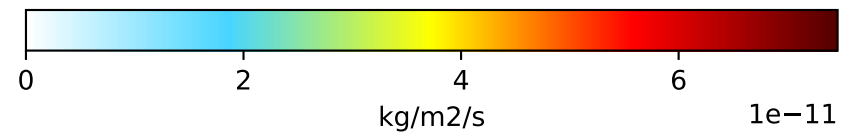
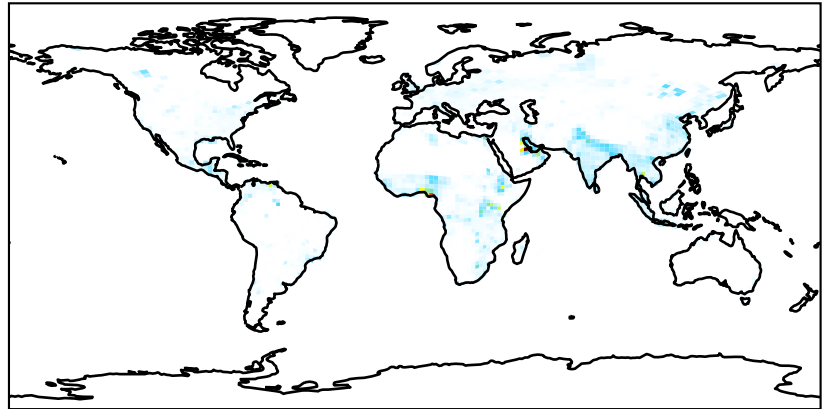


EmisBENZ_Total (Apr2019)

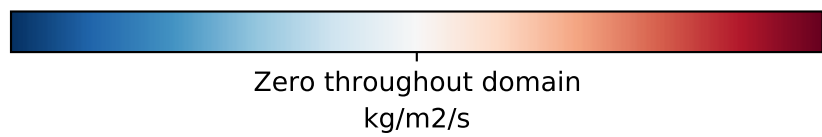
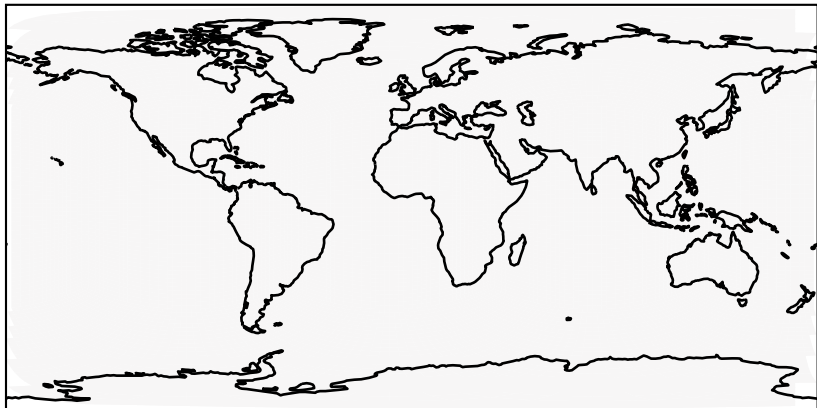
GCHP_13.0.0-beta.1 (Ref)
c48



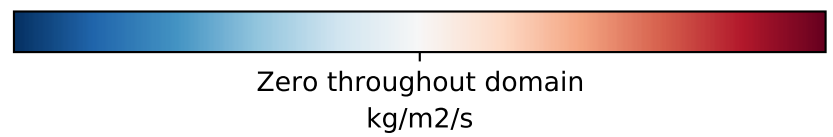
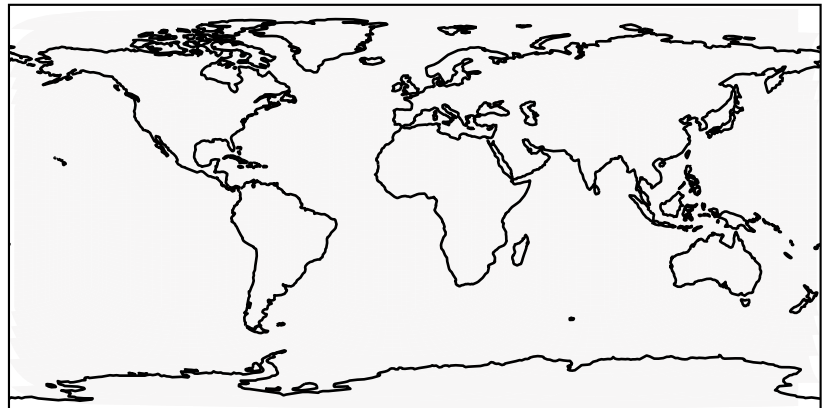
GCHP_13.0.0-rc.0 (Dev)
c48



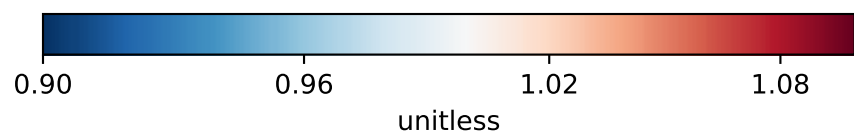
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range

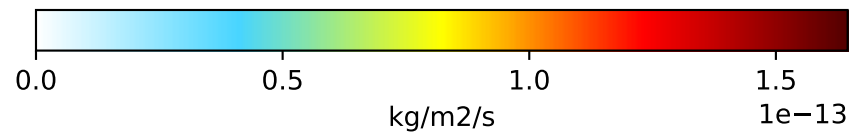
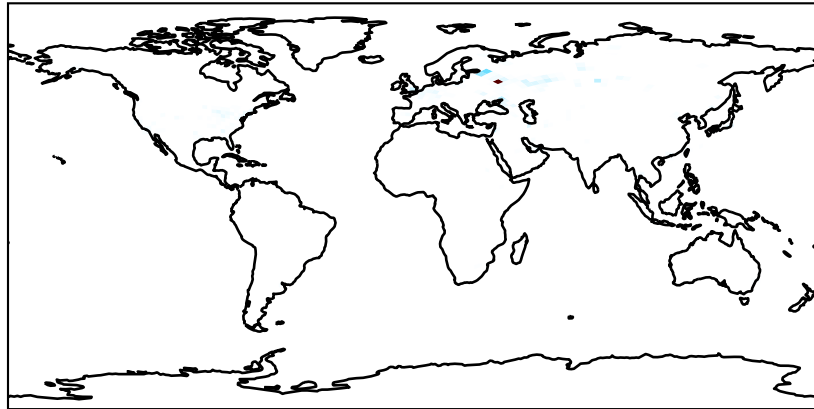


Ratio
Dev/Ref, Fixed Range

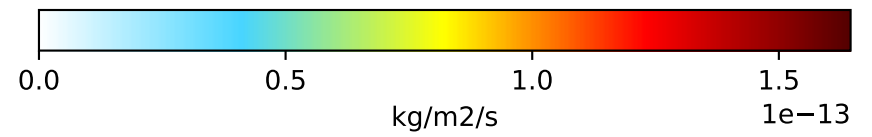
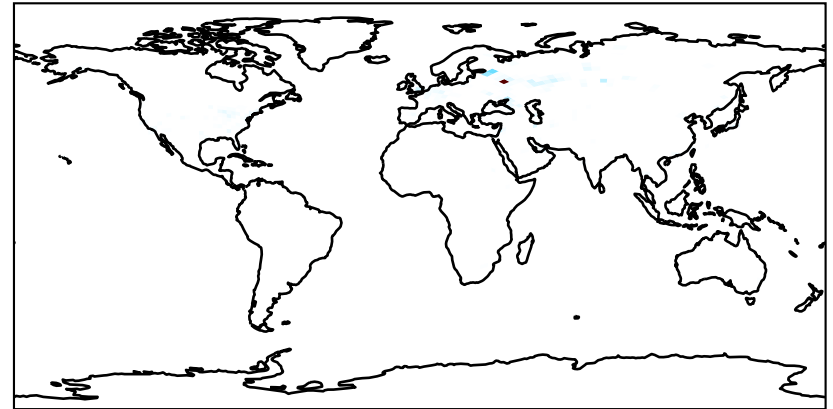


EmisC2H6_Aircraft (Apr2019)

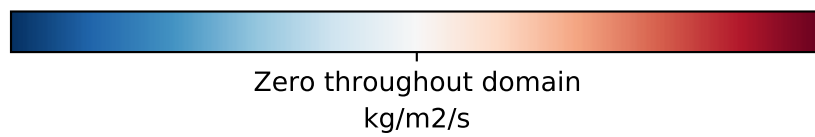
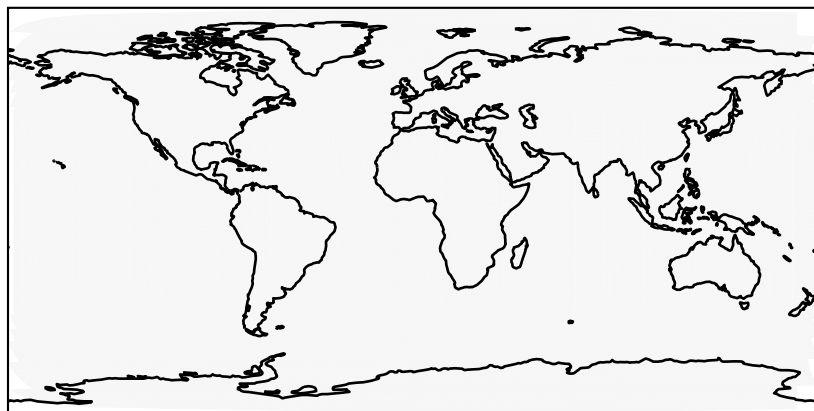
GCHP_13.0.0-beta.1 (Ref)
c48



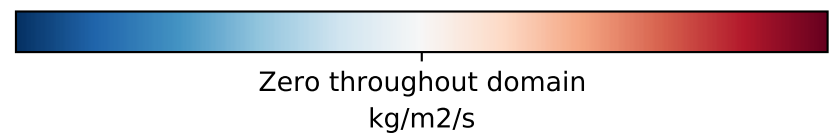
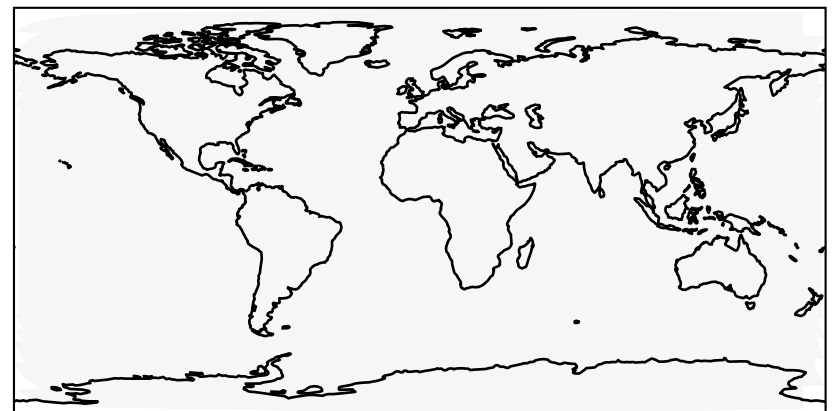
GCHP_13.0.0-rc.0 (Dev)
c48



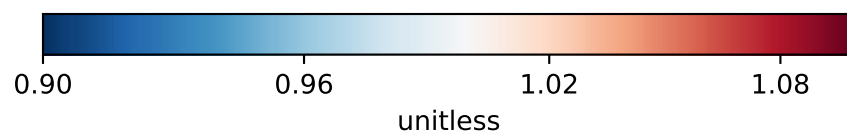
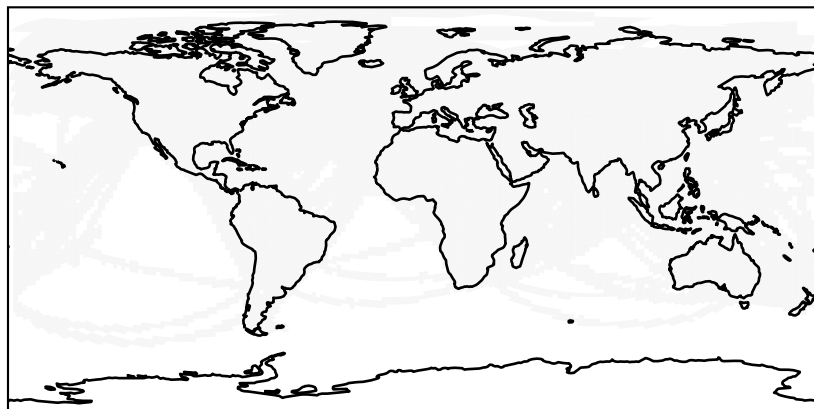
Difference
Dev - Ref, Dynamic Range



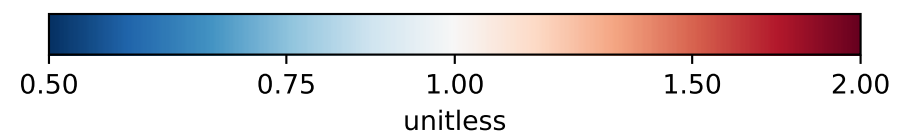
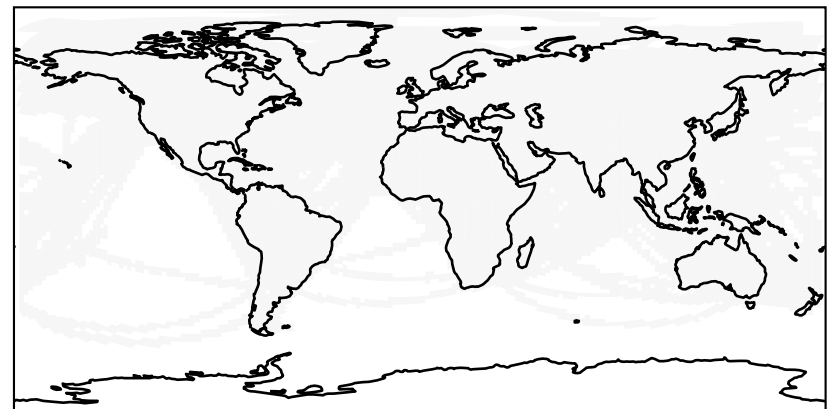
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

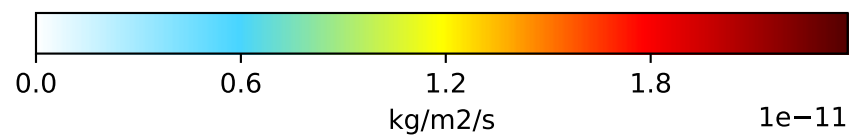
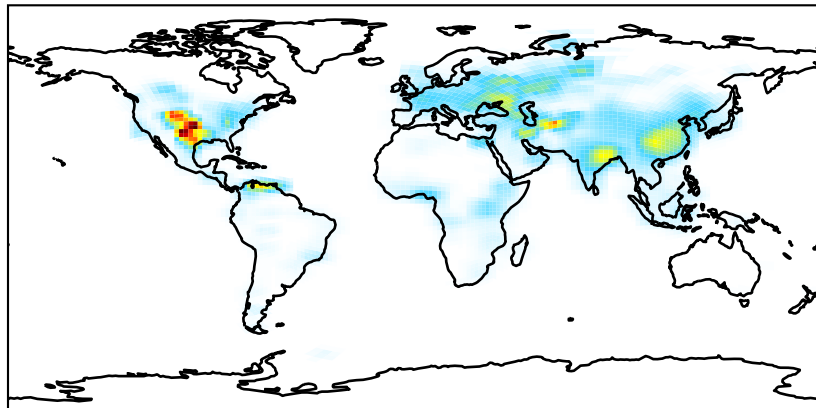


Ratio
Dev/Ref, Fixed Range

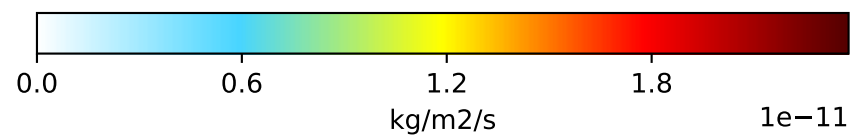
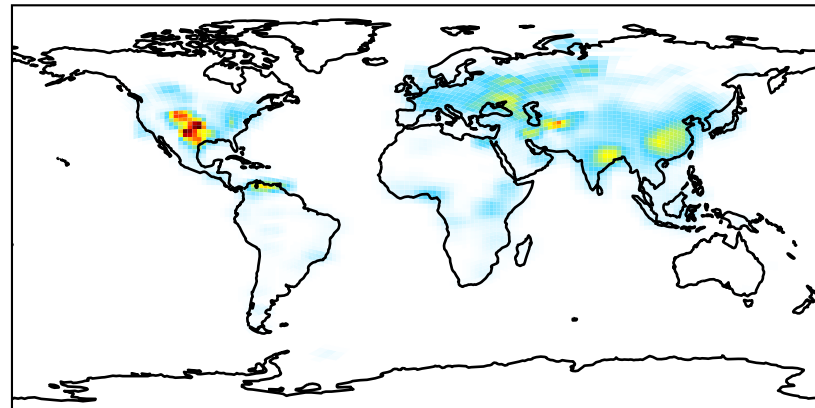


EmisC2H6_Anthro (Apr2019)

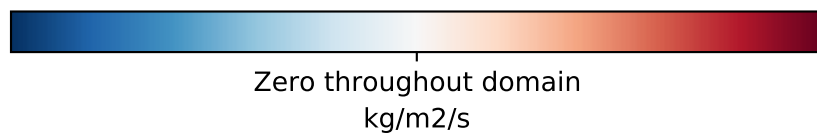
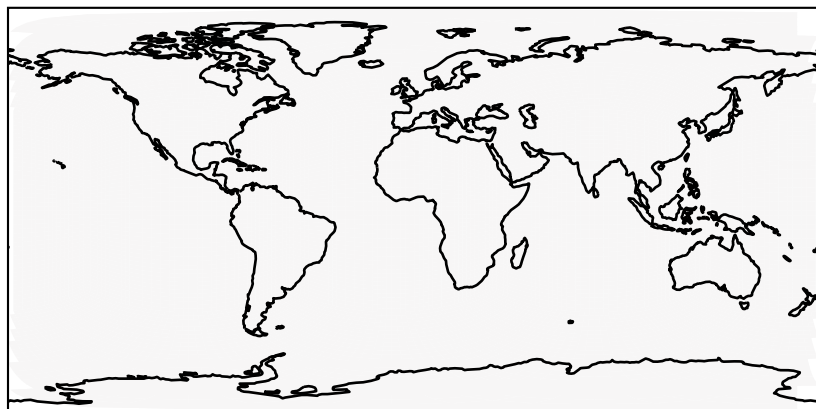
GCHP_13.0.0-beta.1 (Ref)
c48



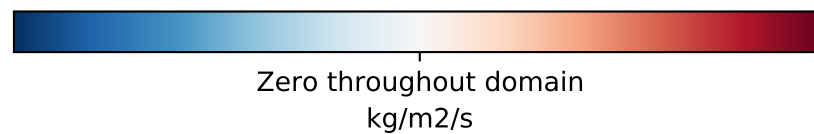
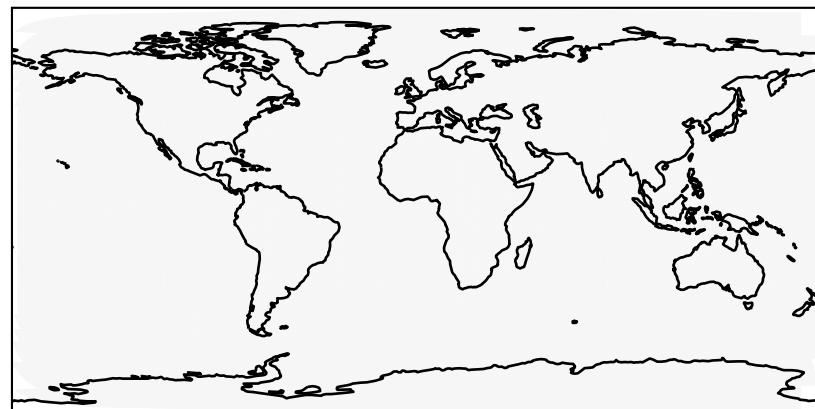
GCHP_13.0.0-rc.0 (Dev)
c48



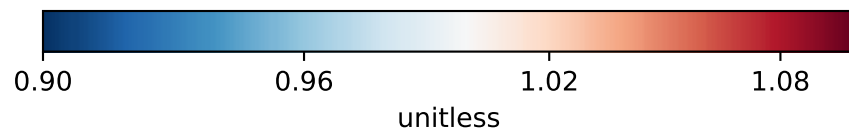
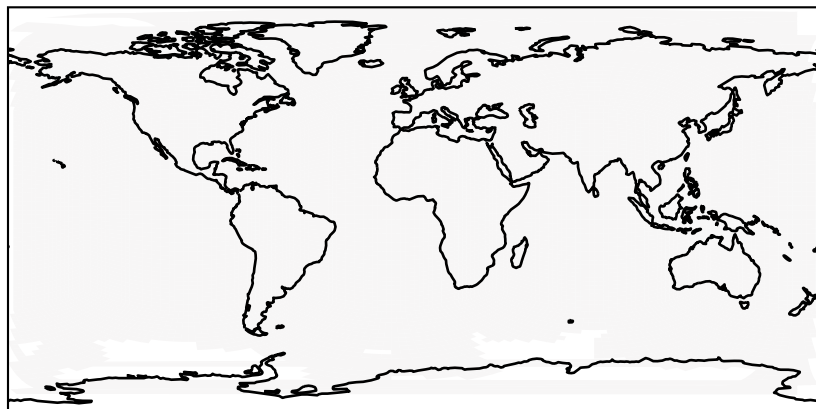
Difference
Dev - Ref, Dynamic Range



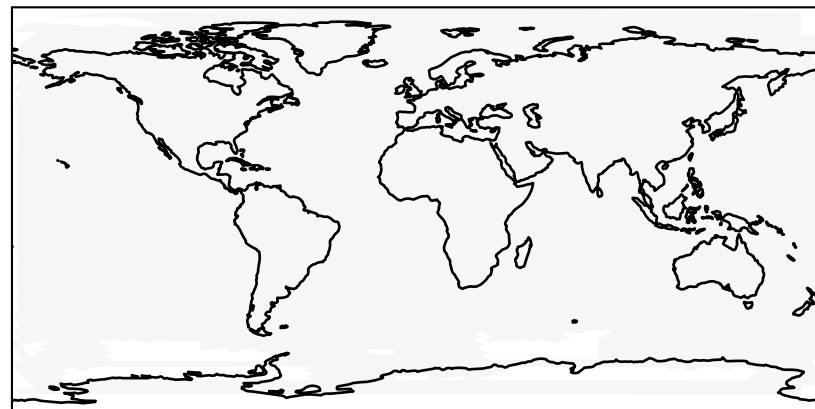
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

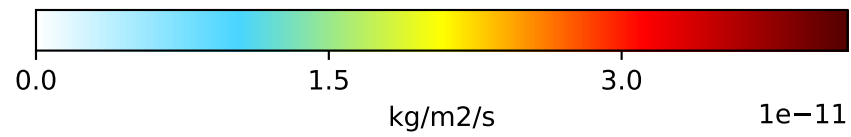
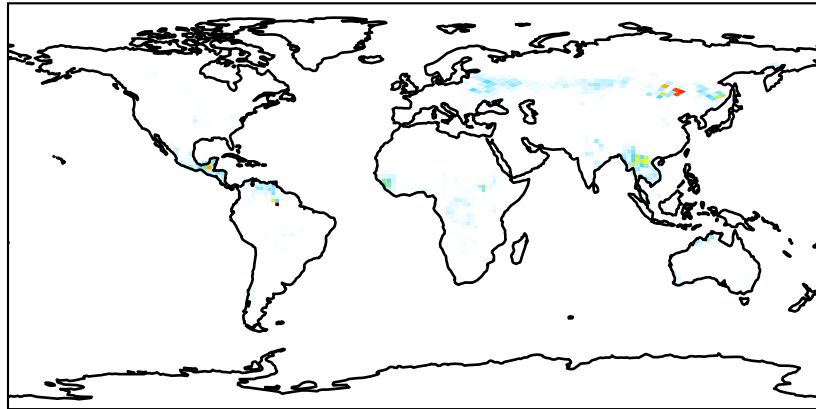


Ratio
Dev/Ref, Fixed Range

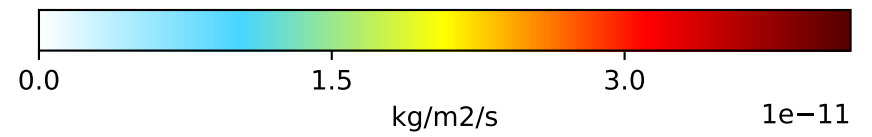
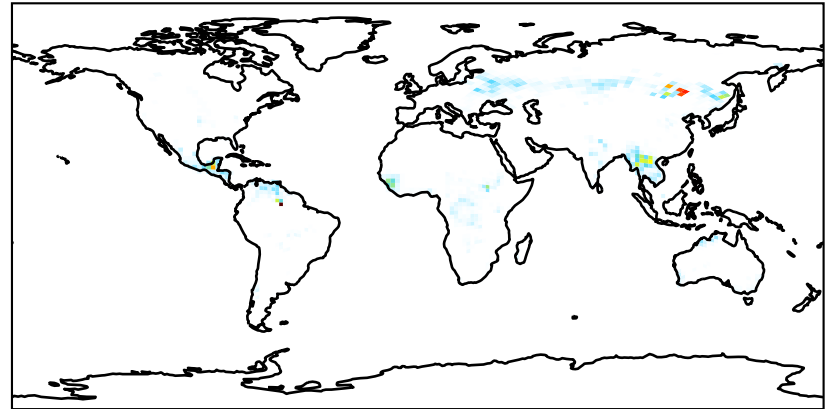


EmisC2H6_BioBurn (Apr2019)

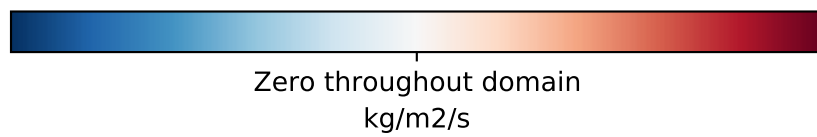
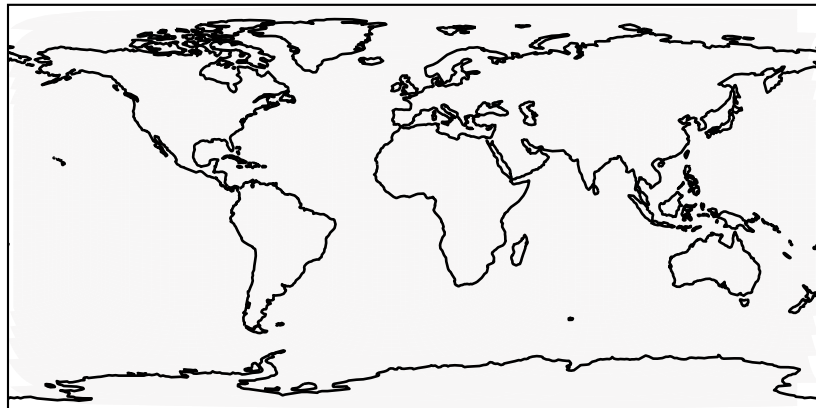
GCHP_13.0.0-beta.1 (Ref)
c48



GCHP_13.0.0-rc.0 (Dev)
c48



Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range

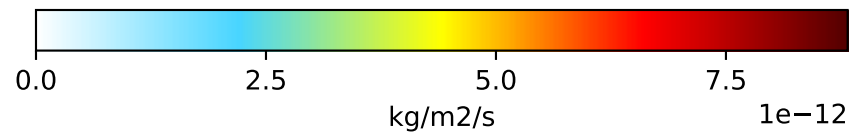
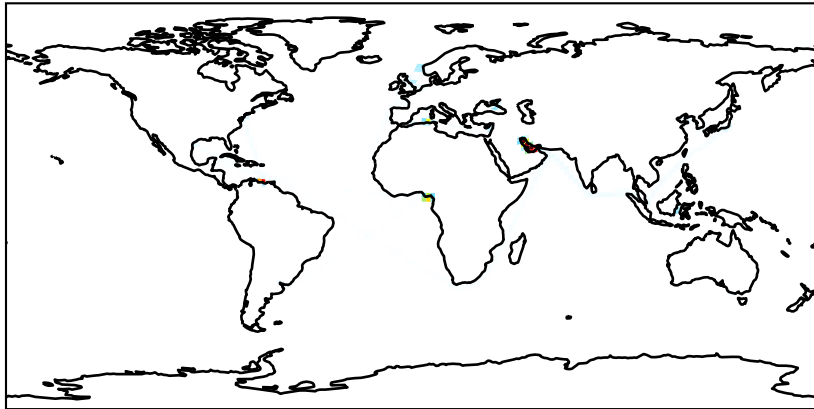


Ratio
Dev/Ref, Fixed Range

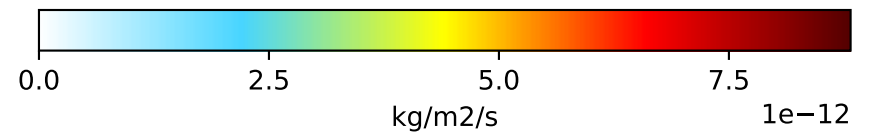
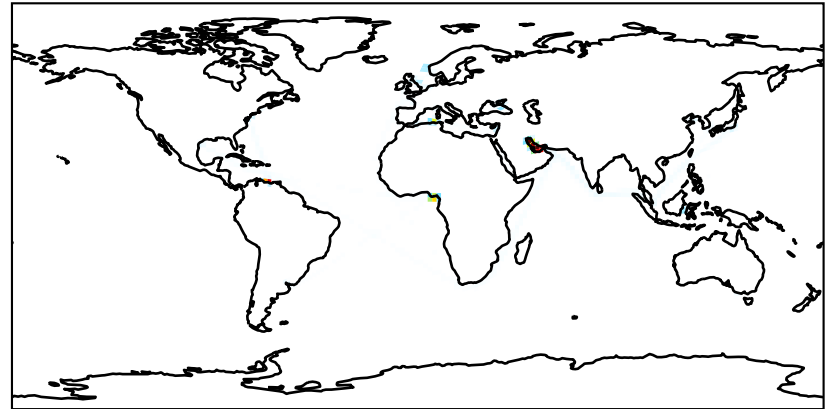


EmisC2H6_Ship (Apr2019)

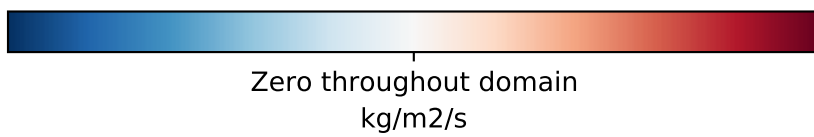
GCHP_13.0.0-beta.1 (Ref)
c48



GCHP_13.0.0-rc.0 (Dev)
c48



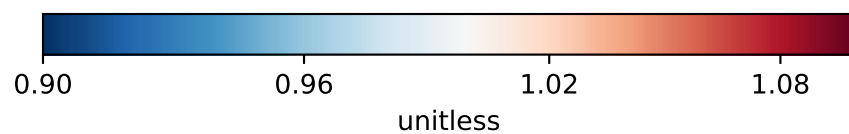
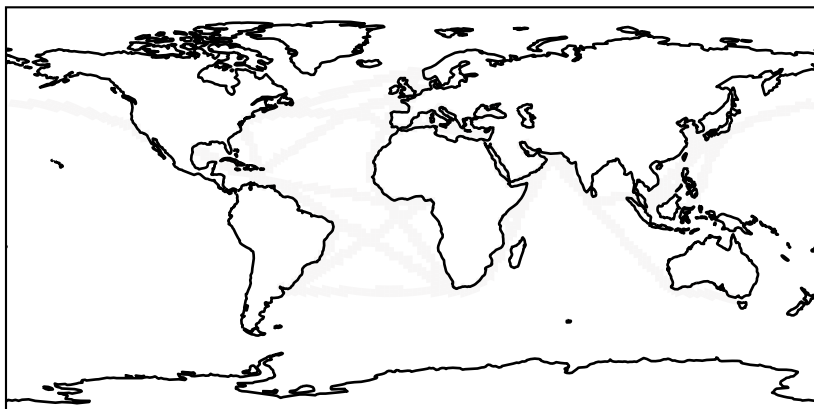
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range

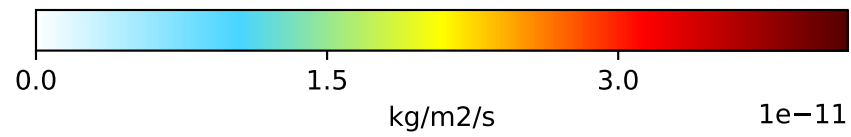
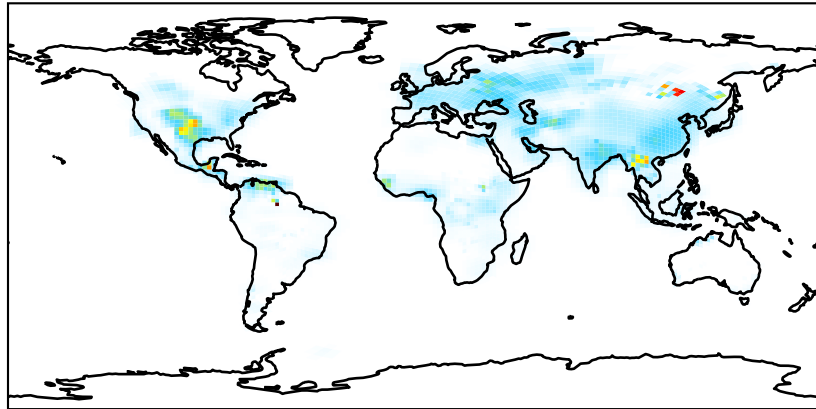


Ratio
Dev/Ref, Fixed Range

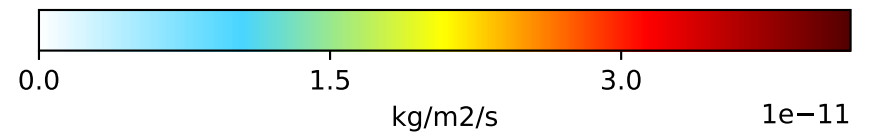
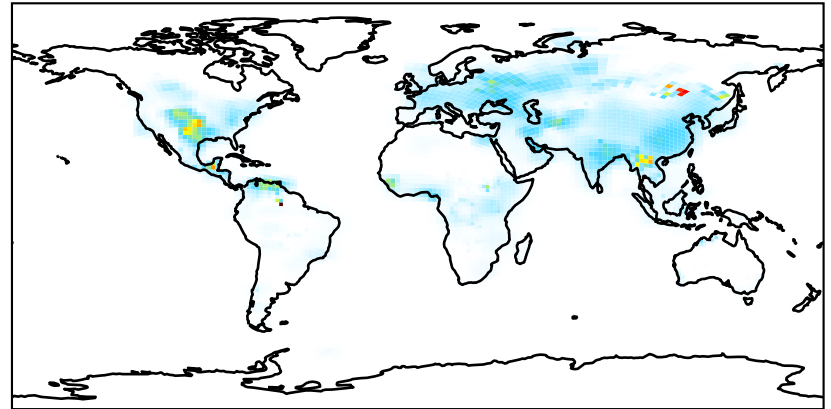


EmisC2H6_Total (Apr2019)

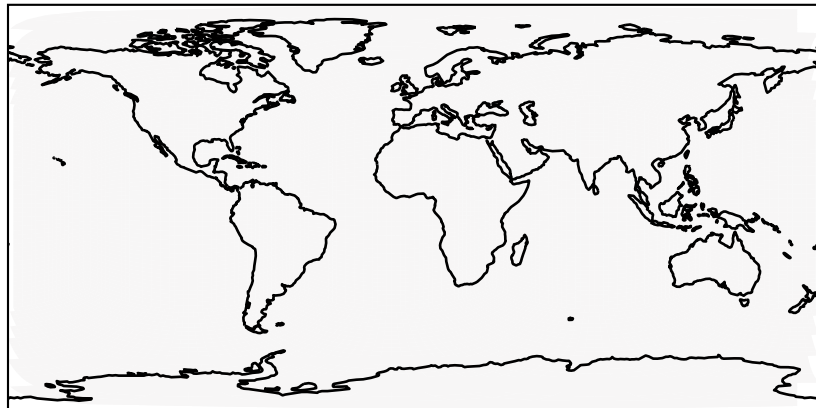
GCHP_13.0.0-beta.1 (Ref)
c48



GCHP_13.0.0-rc.0 (Dev)
c48



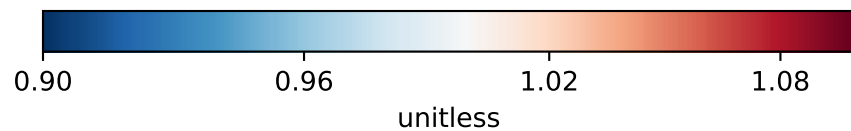
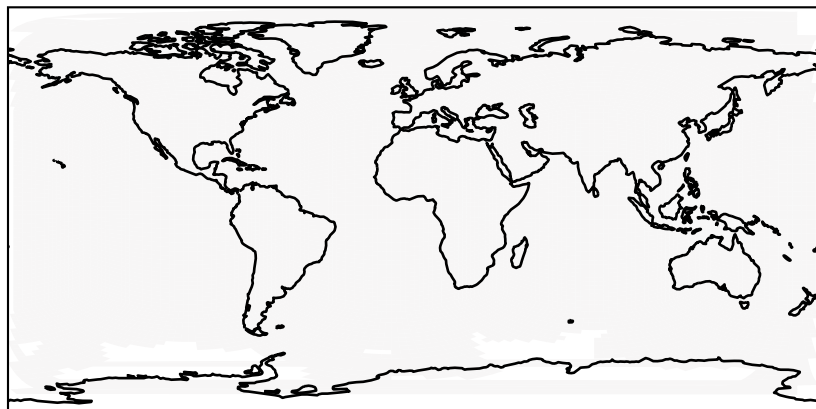
Difference
Dev - Ref, Dynamic Range



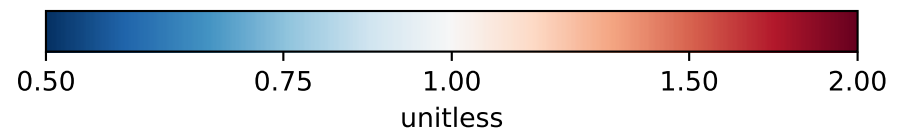
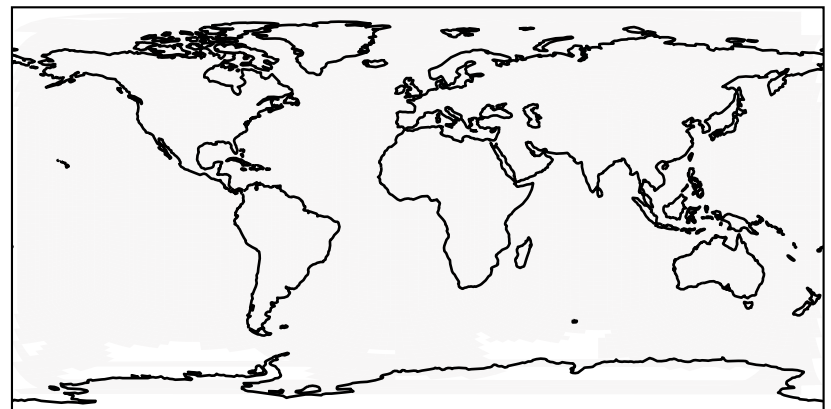
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

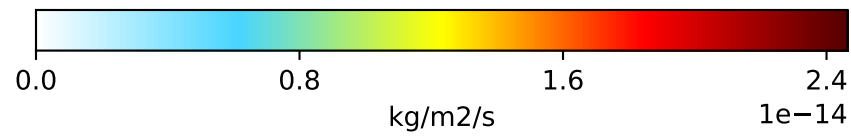
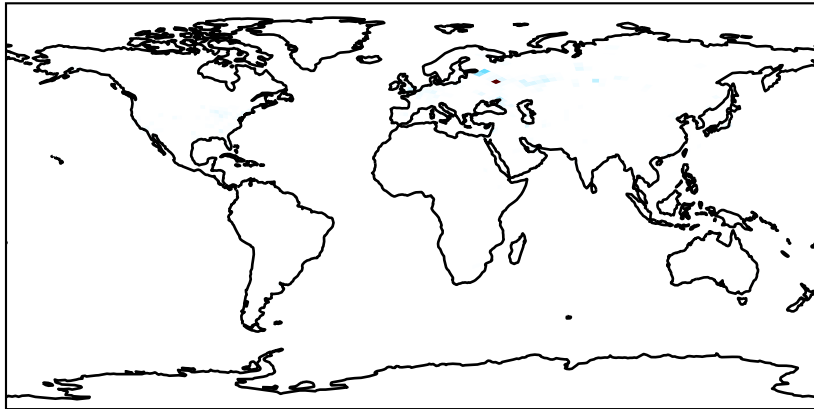


Ratio
Dev/Ref, Fixed Range

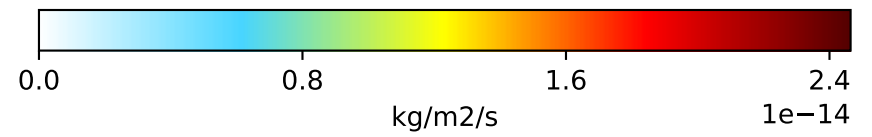
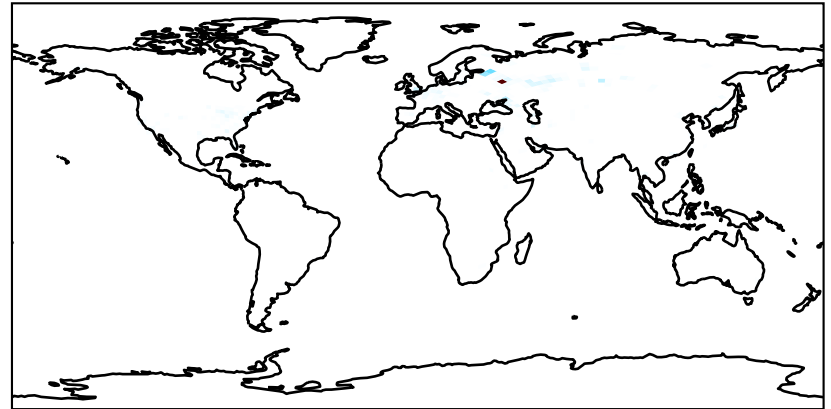


EmisC3H8_Aircraft (Apr2019)

GCHP_13.0.0-beta.1 (Ref)
c48



GCHP_13.0.0-rc.0 (Dev)
c48



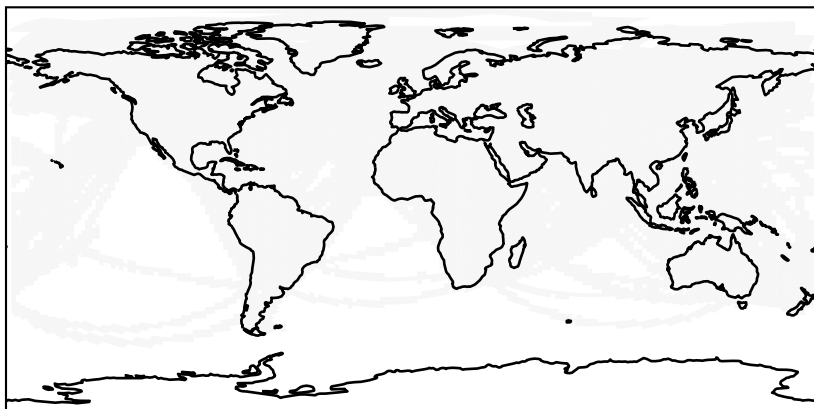
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range

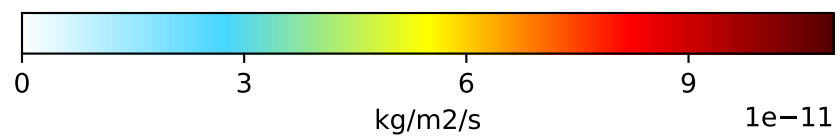
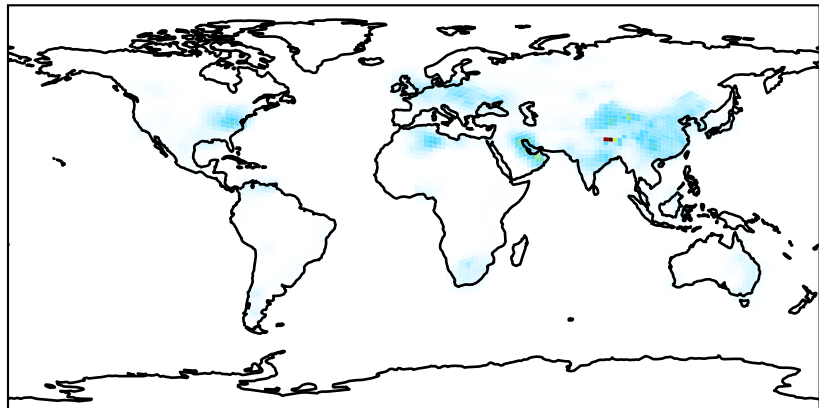


Ratio
Dev/Ref, Fixed Range

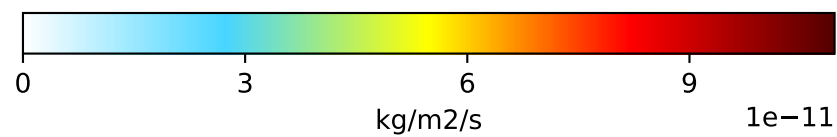
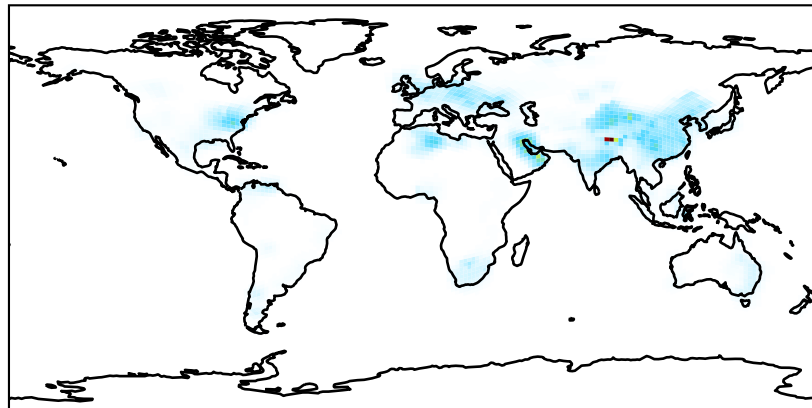


EmisC3H8_Anthro (Apr2019)

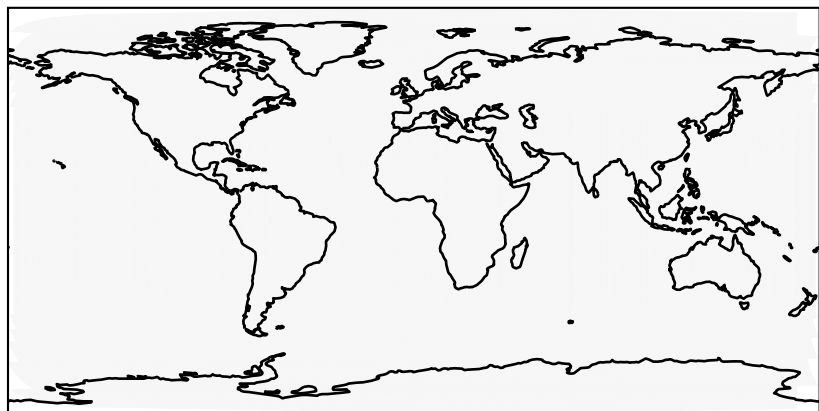
GCHP_13.0.0-beta.1 (Ref)
c48



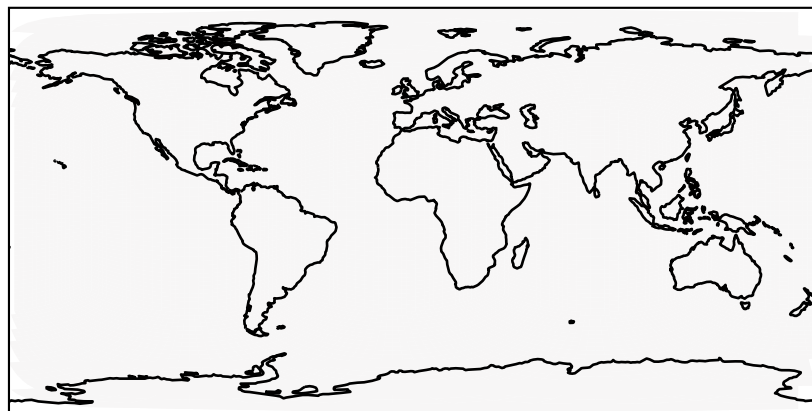
GCHP_13.0.0-rc.0 (Dev)
c48



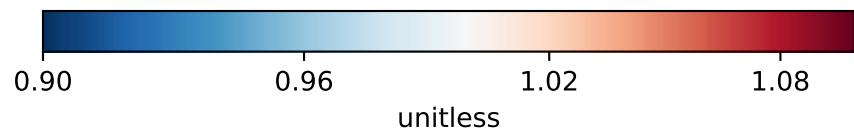
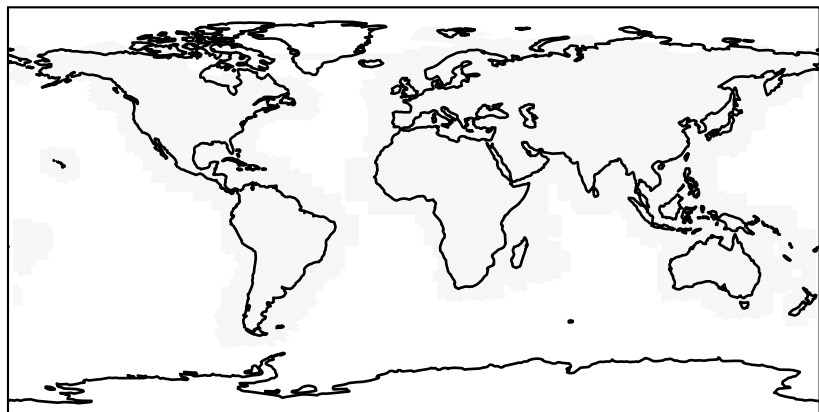
Difference
Dev - Ref, Dynamic Range



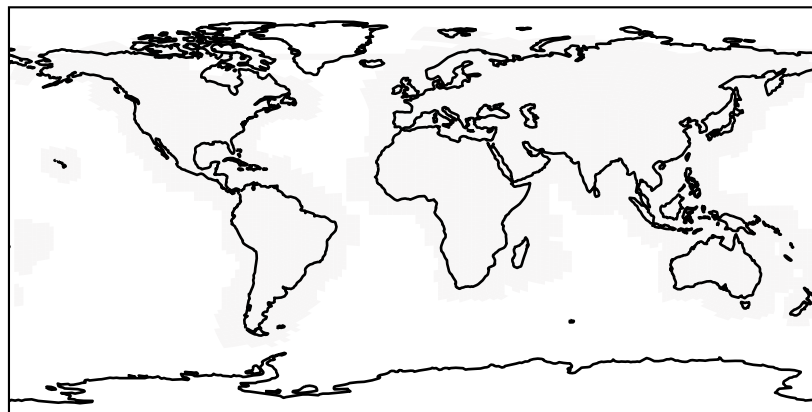
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

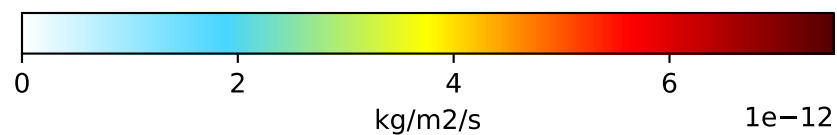
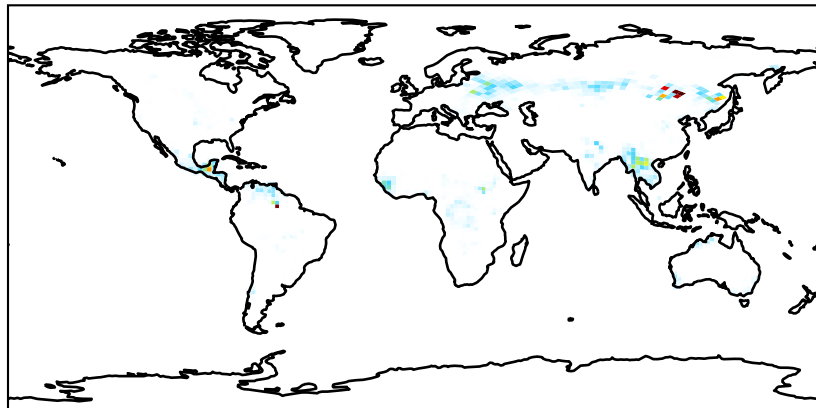


Ratio
Dev/Ref, Fixed Range

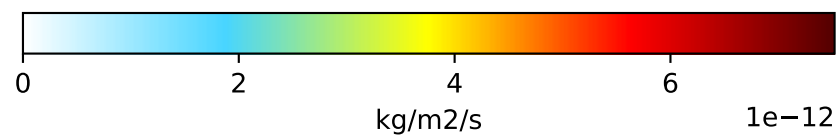
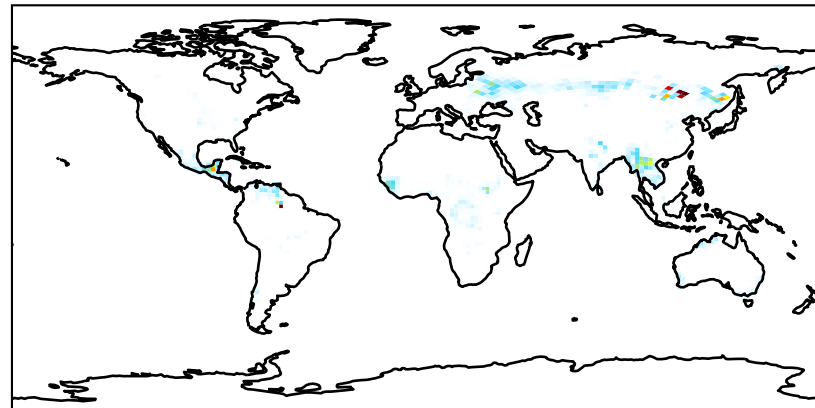


EmisC3H8_BioBurn (Apr2019)

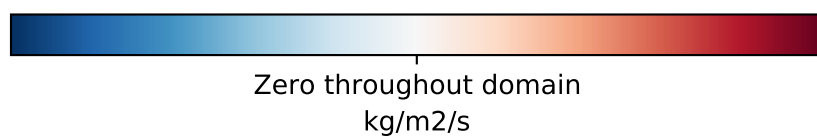
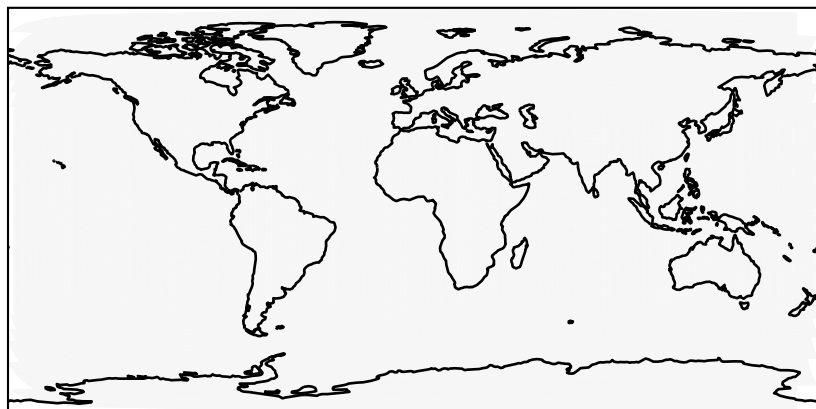
GCHP_13.0.0-beta.1 (Ref)
c48



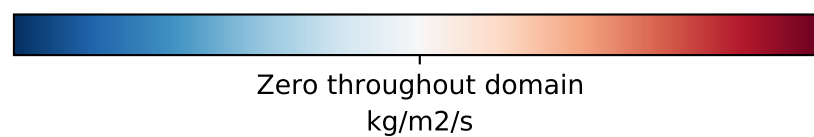
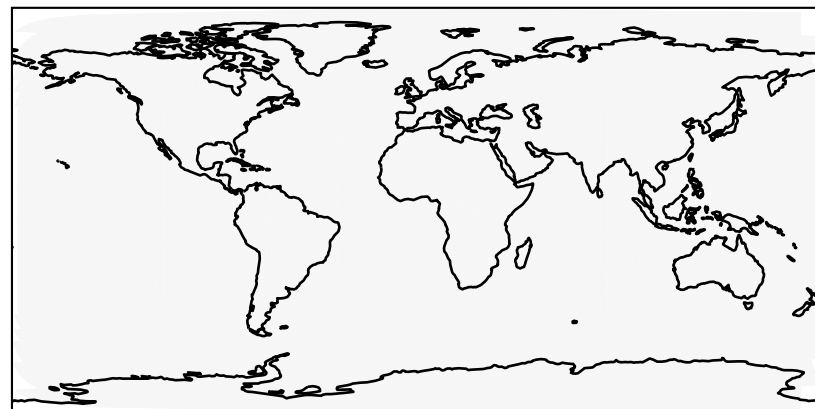
GCHP_13.0.0-rc.0 (Dev)
c48



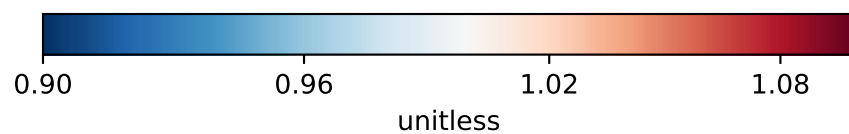
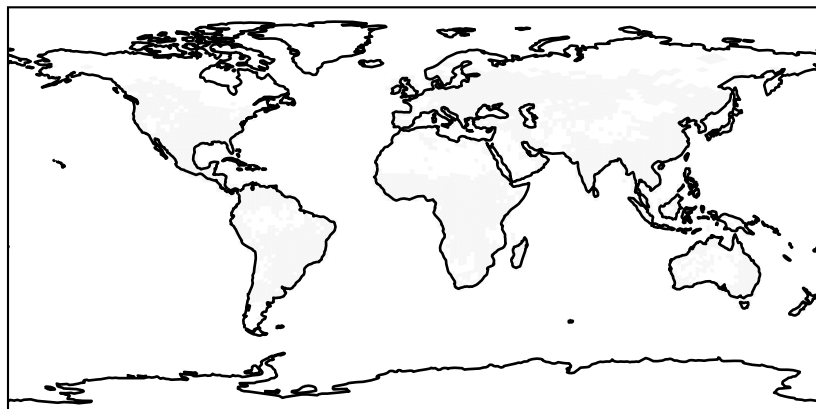
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range

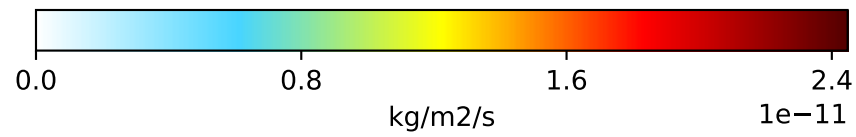
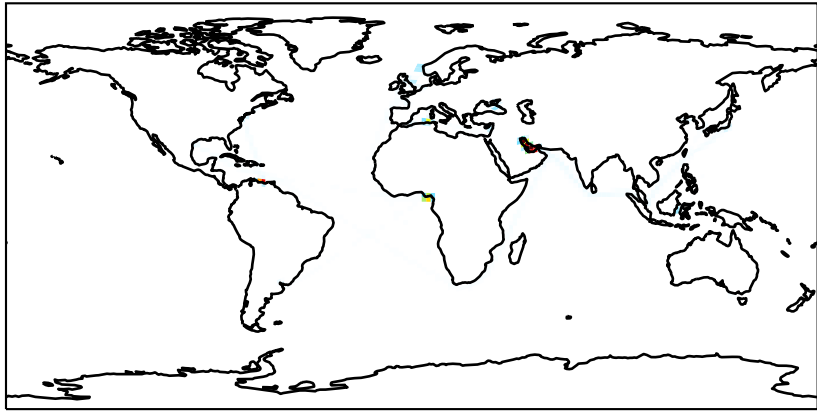


Ratio
Dev/Ref, Fixed Range

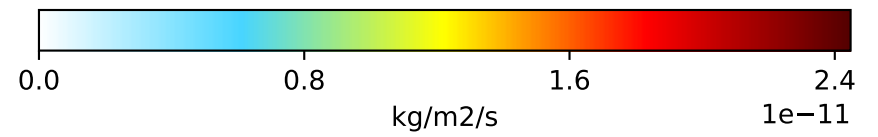
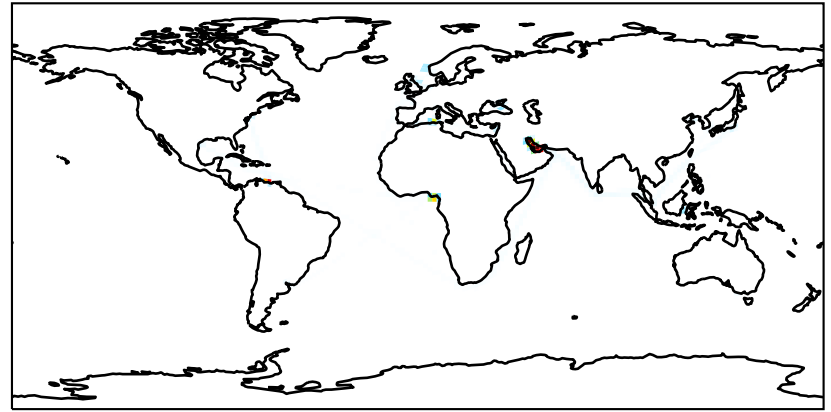


EmisC3H8_Ship (Apr2019)

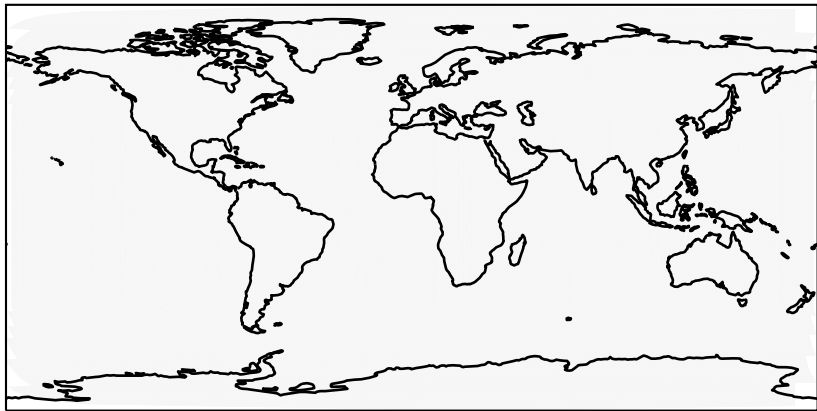
GCHP_13.0.0-beta.1 (Ref)
c48



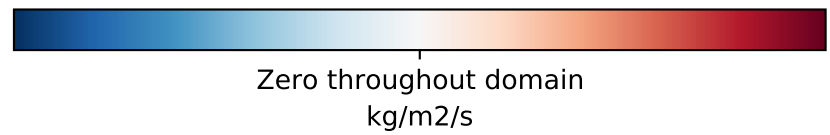
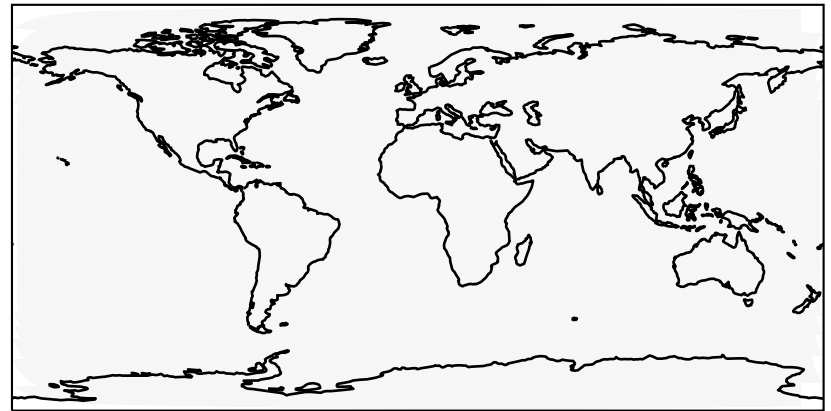
GCHP_13.0.0-rc.0 (Dev)
c48



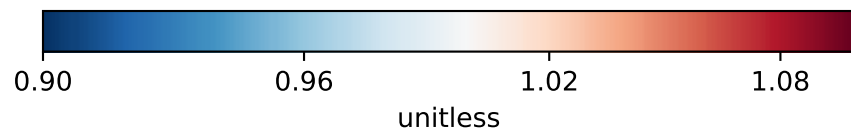
Difference
Dev - Ref, Dynamic Range



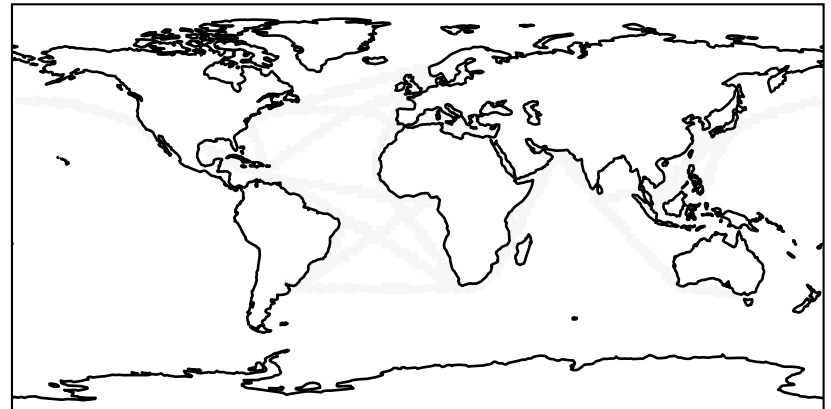
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

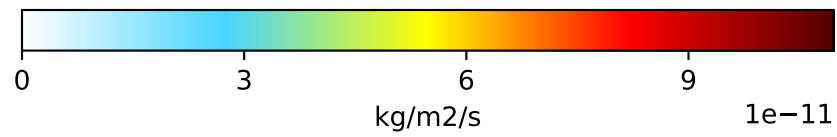
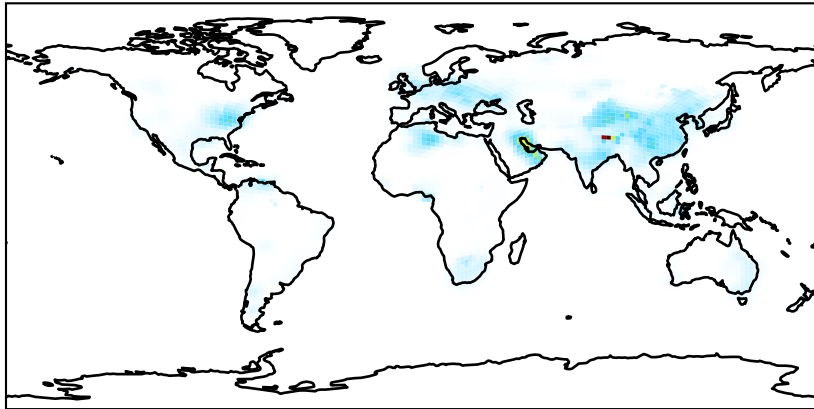


Ratio
Dev/Ref, Fixed Range

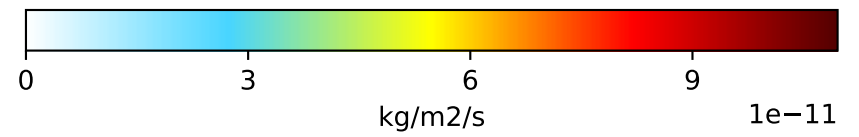
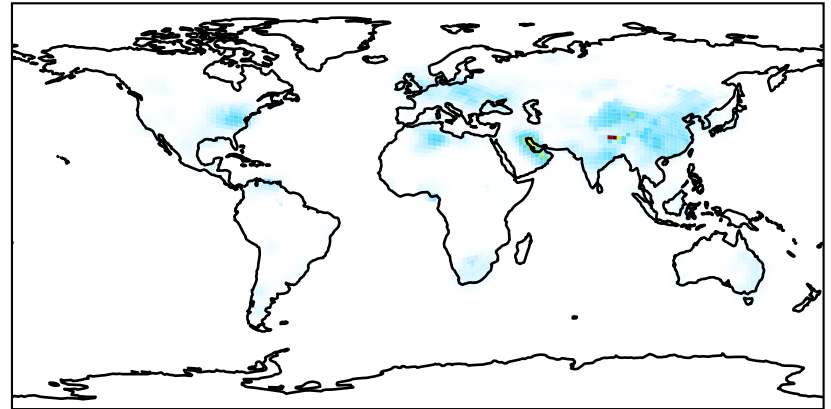


EmisC3H8_Total (Apr2019)

GCHP_13.0.0-beta.1 (Ref)
c48



GCHP_13.0.0-rc.0 (Dev)
c48



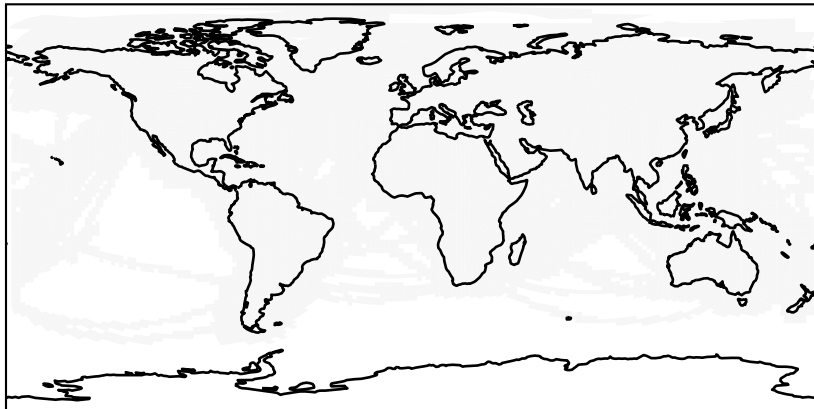
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range

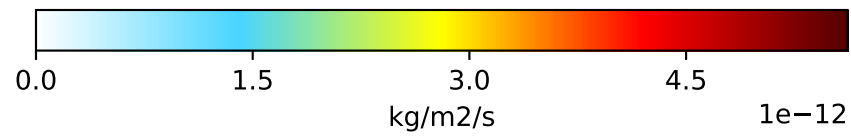


Ratio
Dev/Ref, Fixed Range

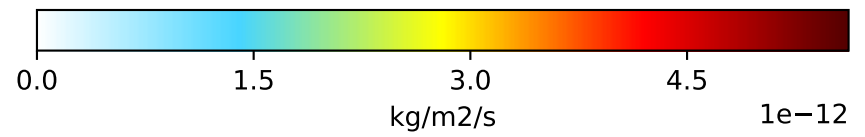
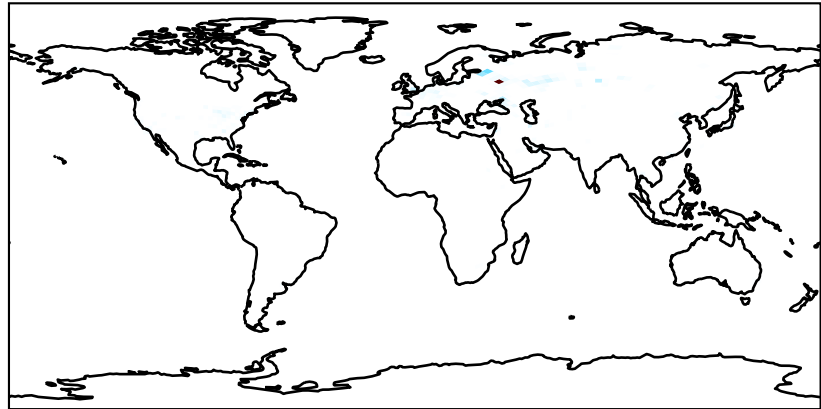


EmisPRPE_Aircraft (Apr2019)

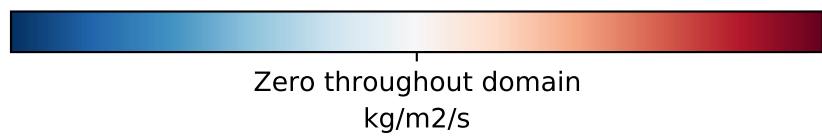
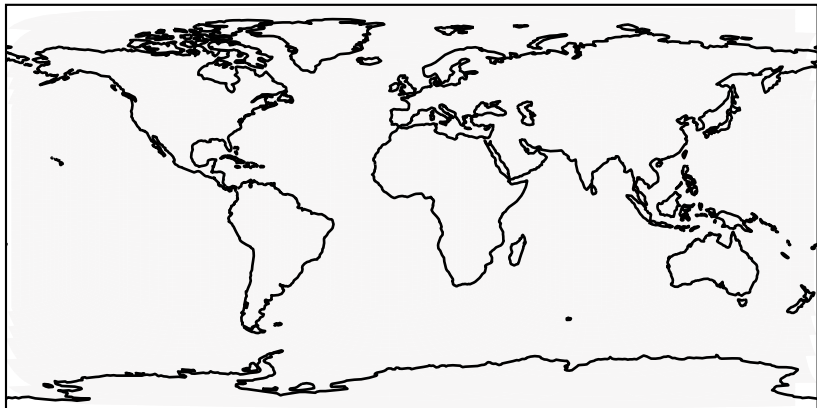
GCHP_13.0.0-beta.1 (Ref)
c48



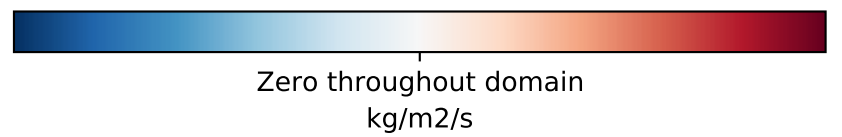
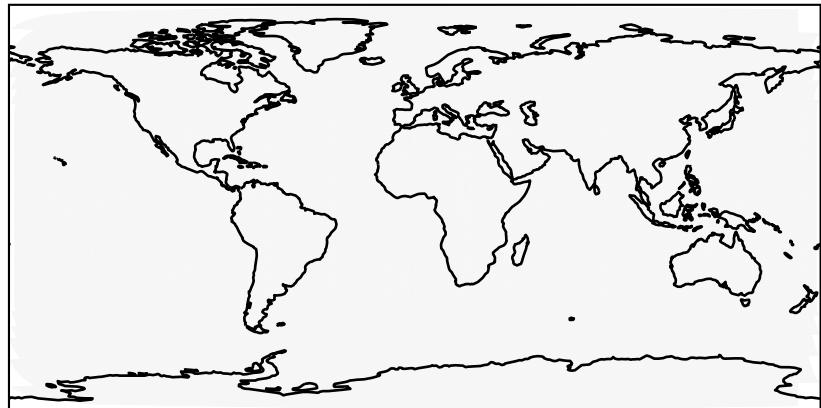
GCHP_13.0.0-rc.0 (Dev)
c48



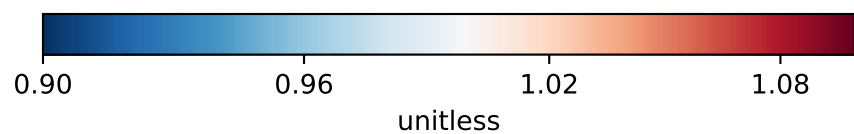
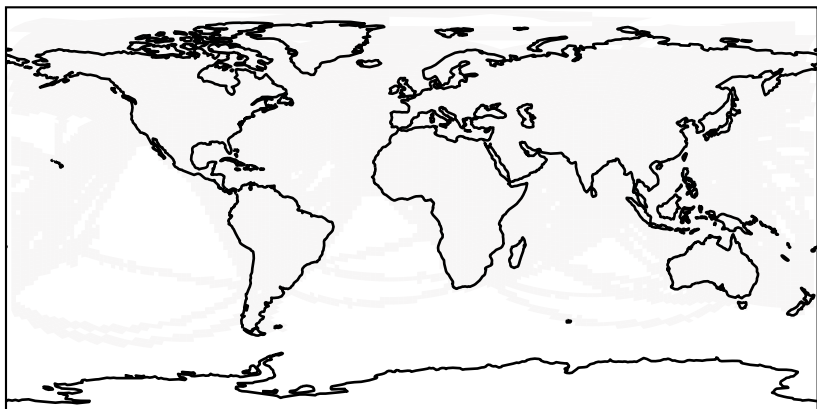
Difference
Dev - Ref, Dynamic Range



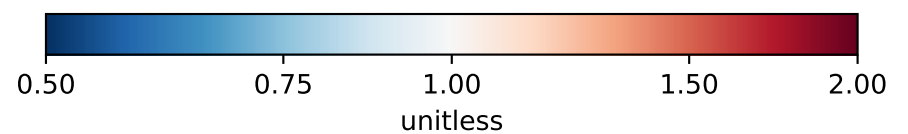
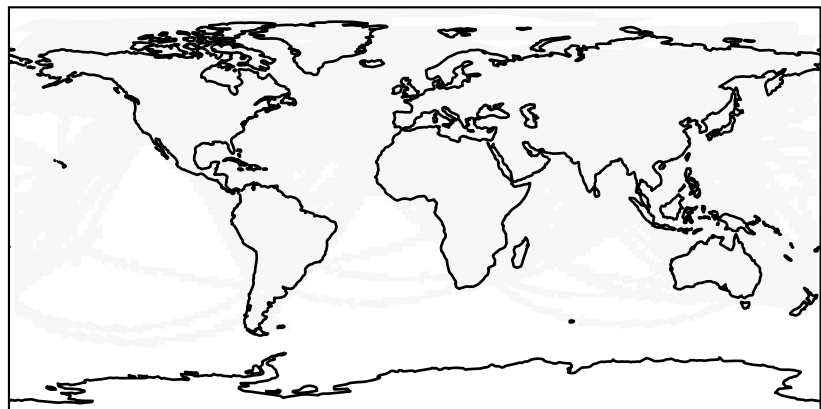
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

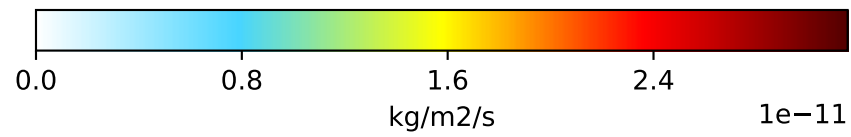
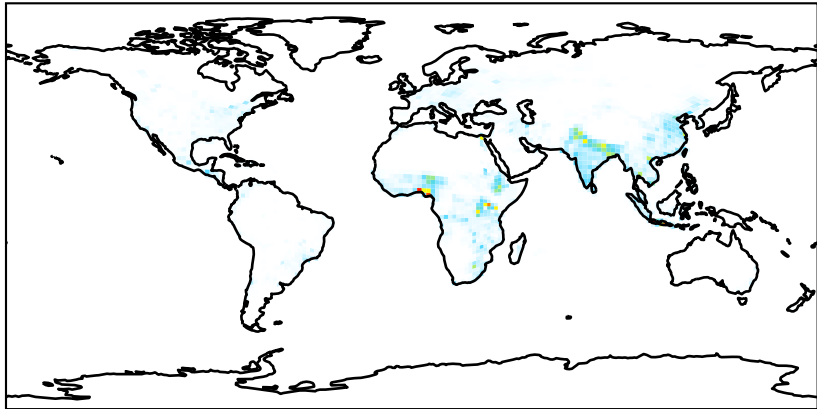


Ratio
Dev/Ref, Fixed Range

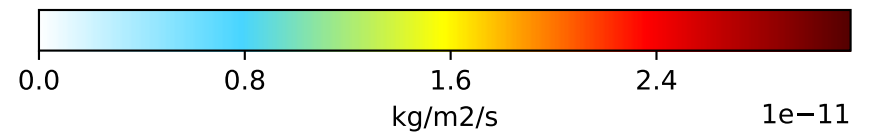
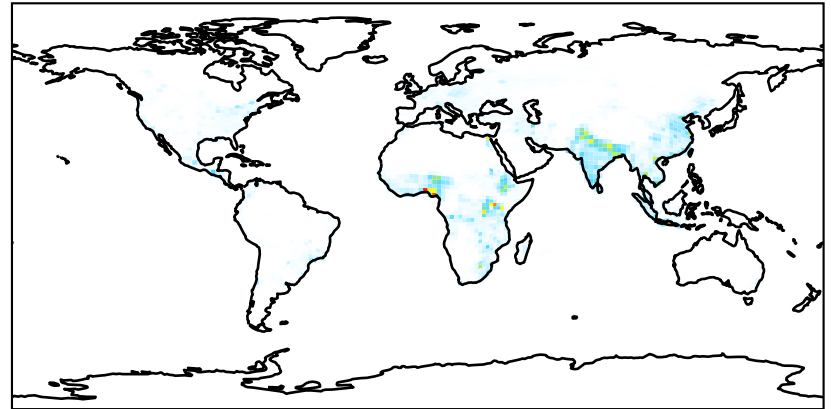


EmisPRPE_Anthro (Apr2019)

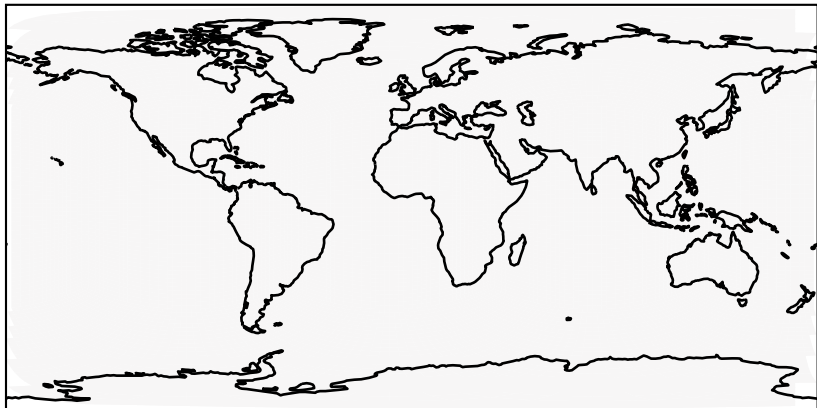
GCHP_13.0.0-beta.1 (Ref)
c48



GCHP_13.0.0-rc.0 (Dev)
c48



Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range

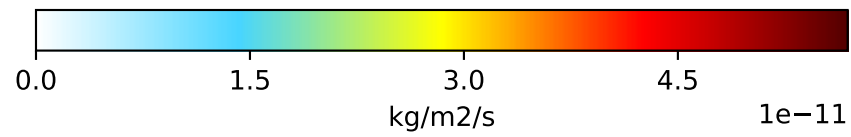
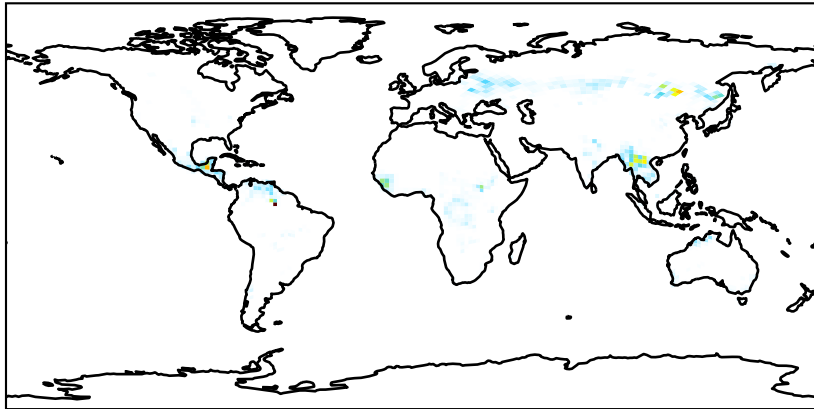


Ratio
Dev/Ref, Fixed Range

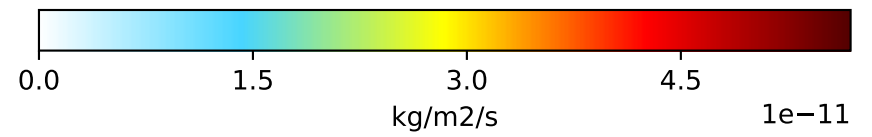
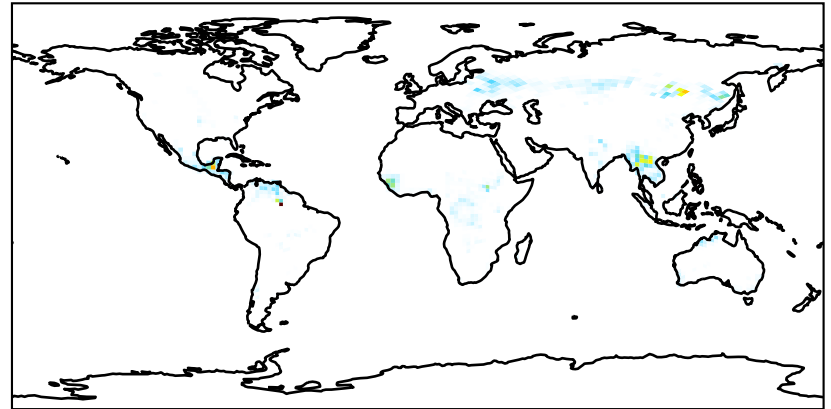


EmisPRPE_BioBurn (Apr2019)

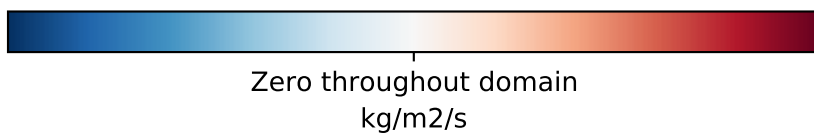
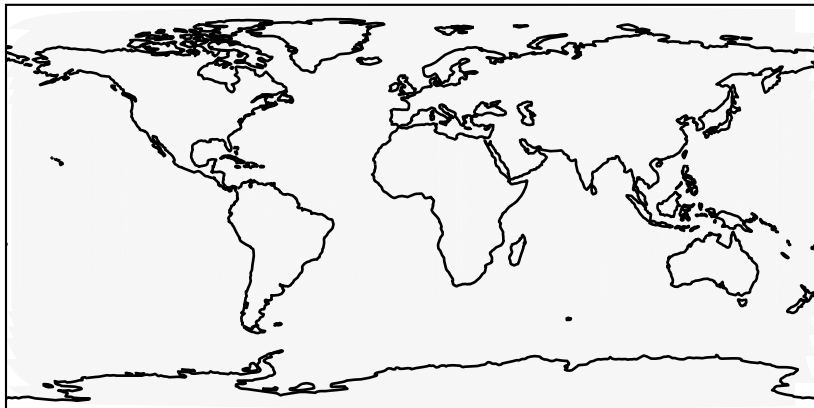
GCHP_13.0.0-beta.1 (Ref)
c48



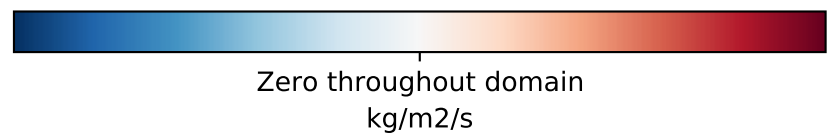
GCHP_13.0.0-rc.0 (Dev)
c48



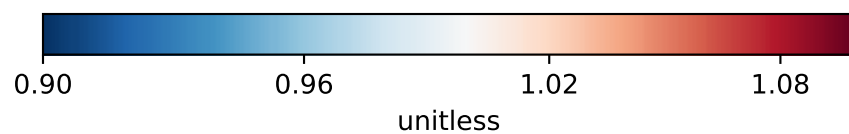
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range

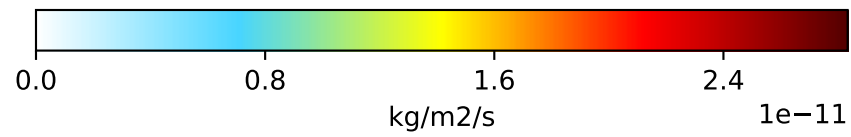
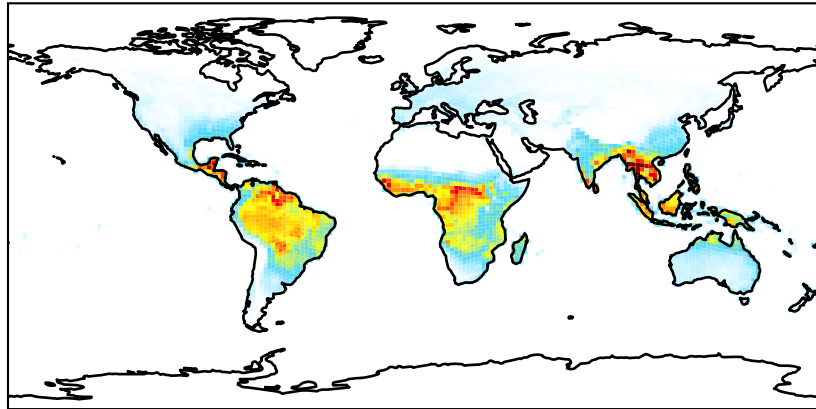


Ratio
Dev/Ref, Fixed Range

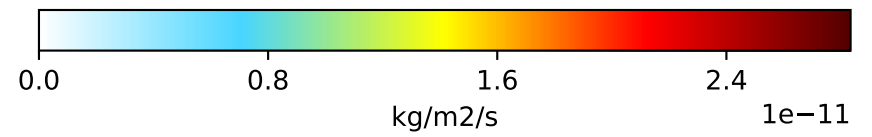
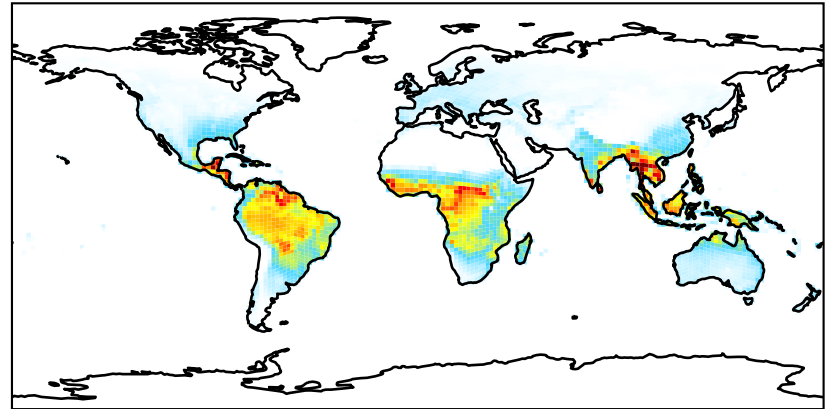


EmisPRPE_Biogenic (Apr2019)

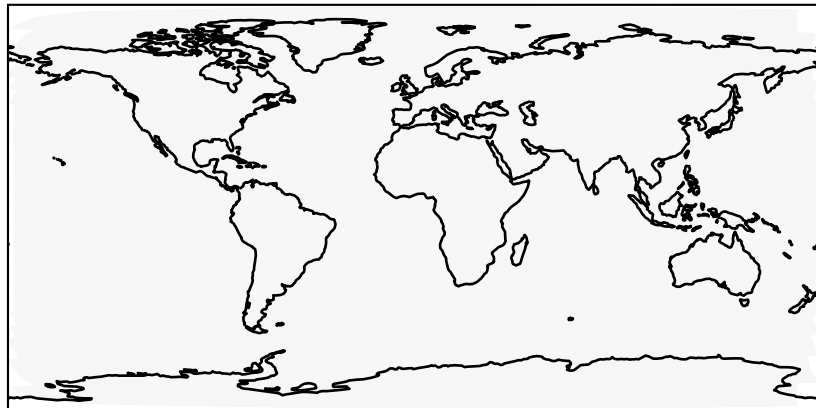
GCHP_13.0.0-beta.1 (Ref)
c48



GCHP_13.0.0-rc.0 (Dev)
c48



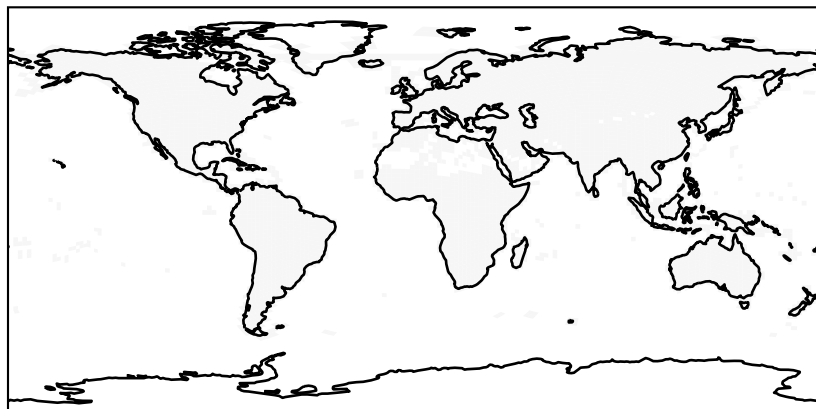
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range

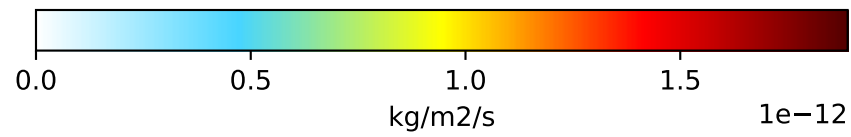


Ratio
Dev/Ref, Fixed Range

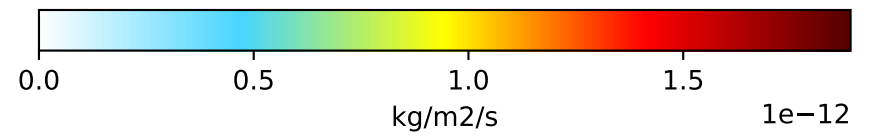


EmisPRPE_Ship (Apr2019)

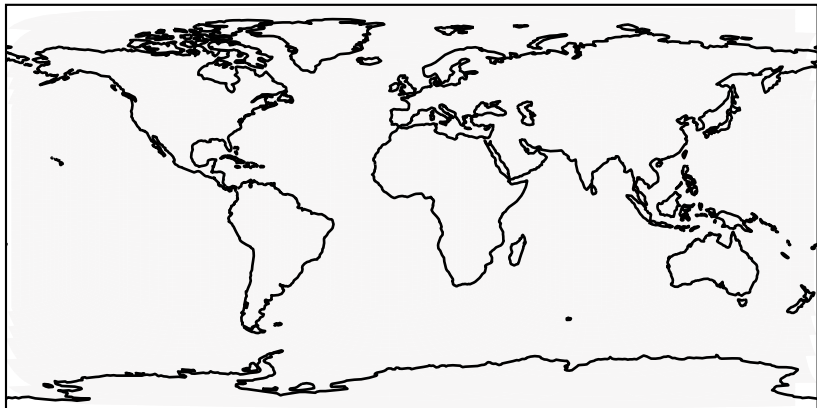
GCHP_13.0.0-beta.1 (Ref)
c48



GCHP_13.0.0-rc.0 (Dev)
c48



Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range

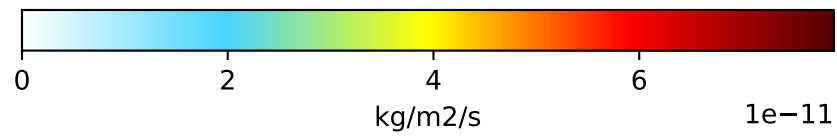
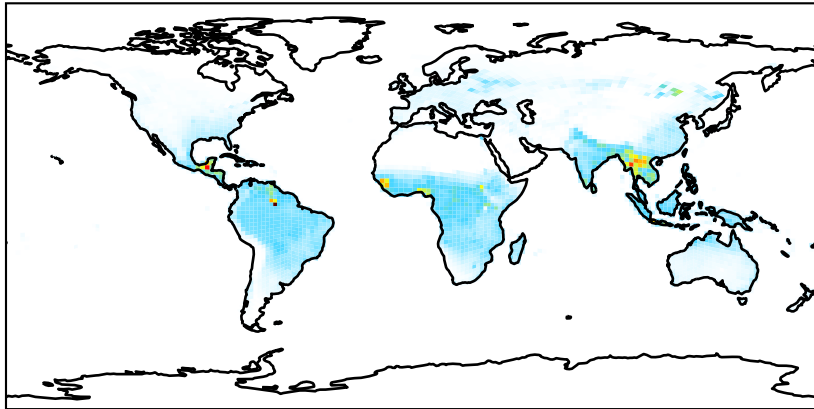


Ratio
Dev/Ref, Fixed Range

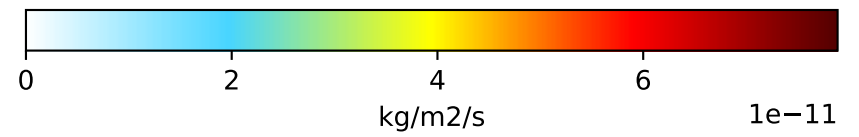
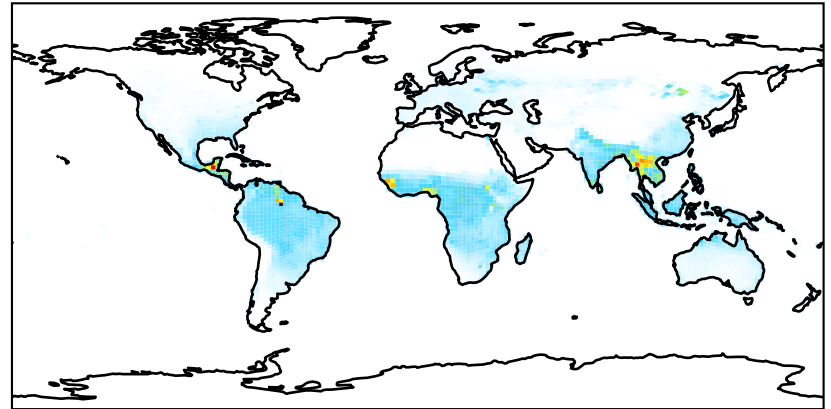


EmisPRPE_Total (Apr2019)

GCHP_13.0.0-beta.1 (Ref)
c48



GCHP_13.0.0-rc.0 (Dev)
c48



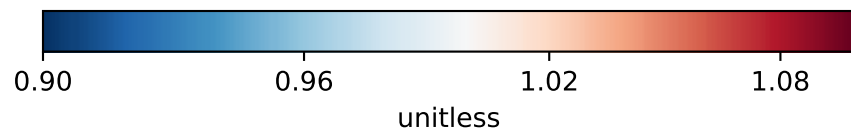
Difference
Dev - Ref, Dynamic Range



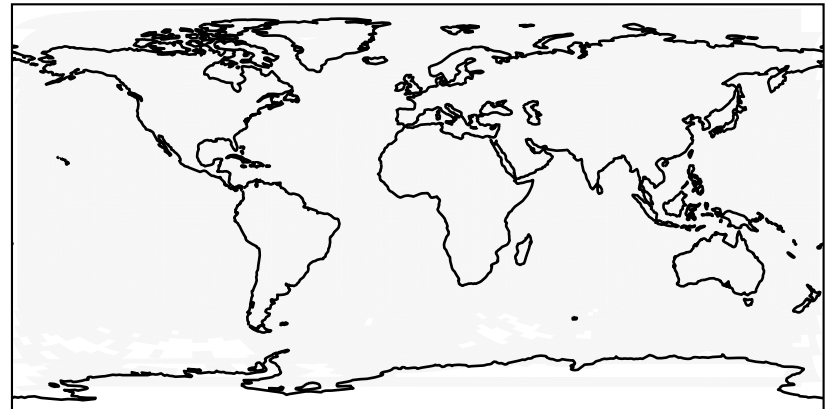
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

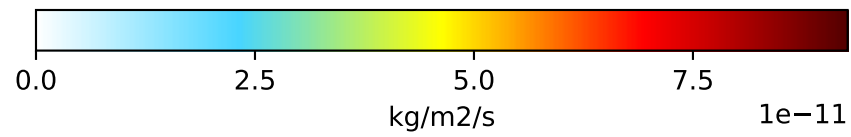
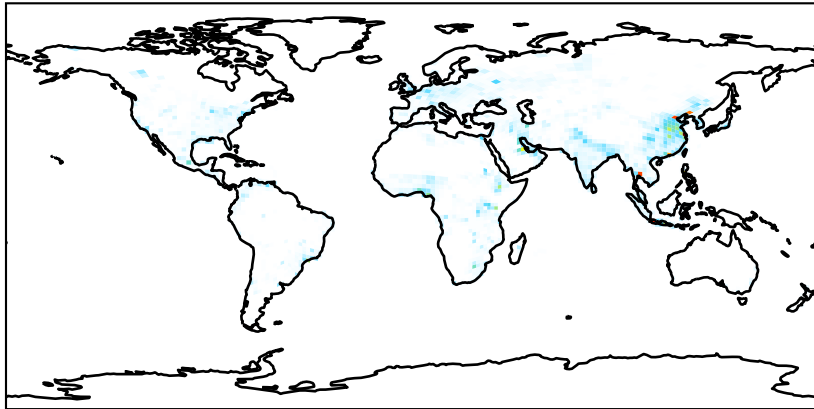


Ratio
Dev/Ref, Fixed Range

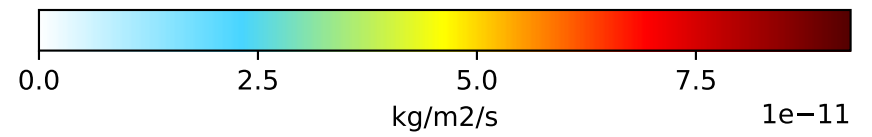
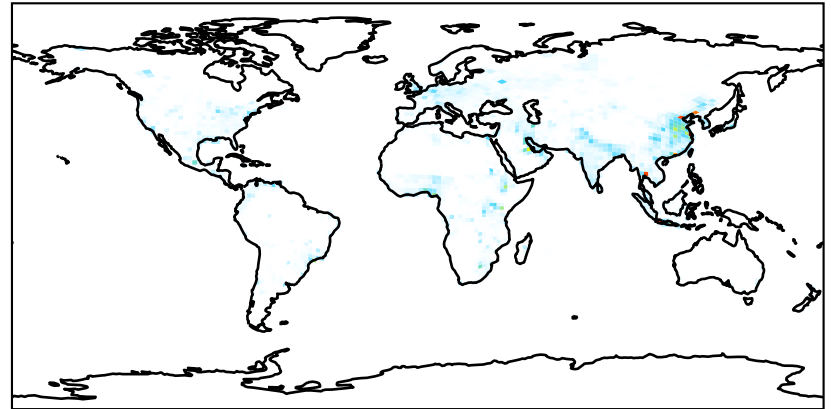


EmisTOLU_Anthro (Apr2019)

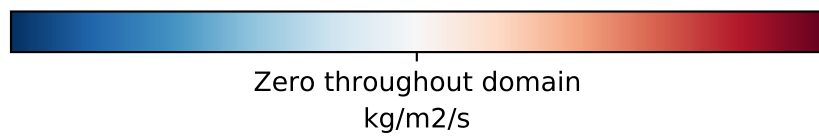
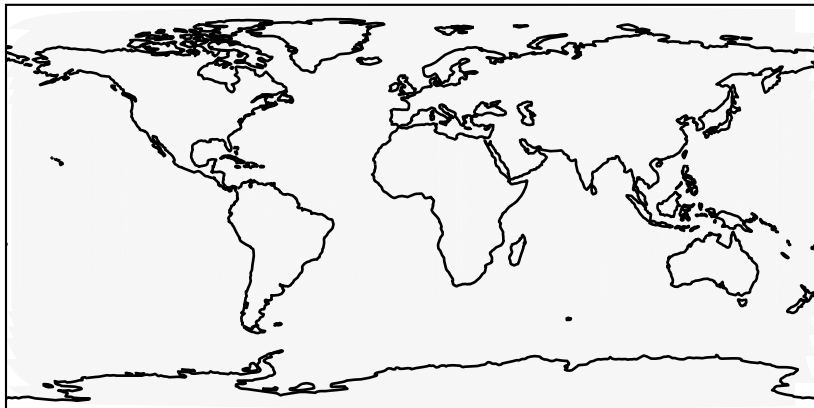
GCHP_13.0.0-beta.1 (Ref)
c48



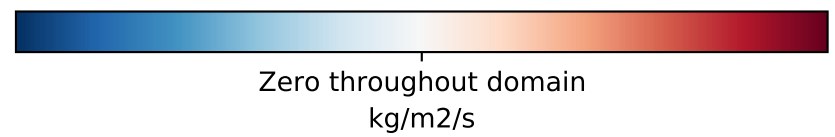
GCHP_13.0.0-rc.0 (Dev)
c48



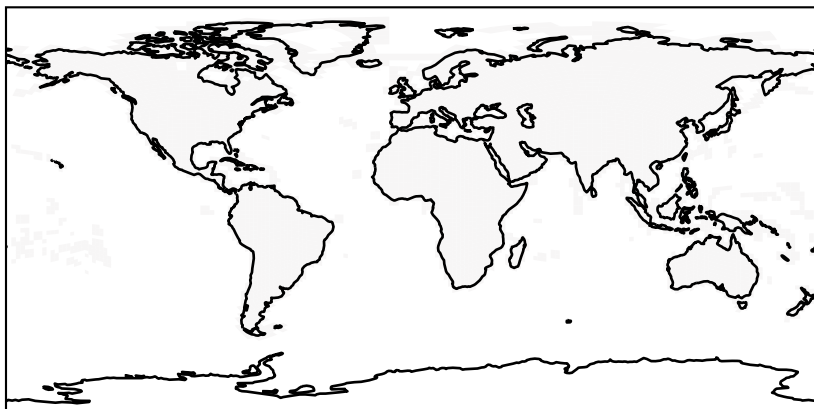
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range

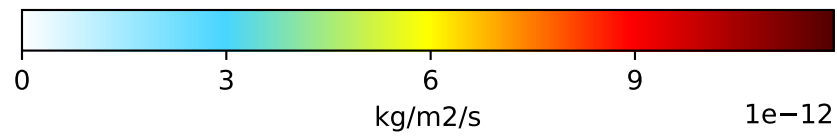
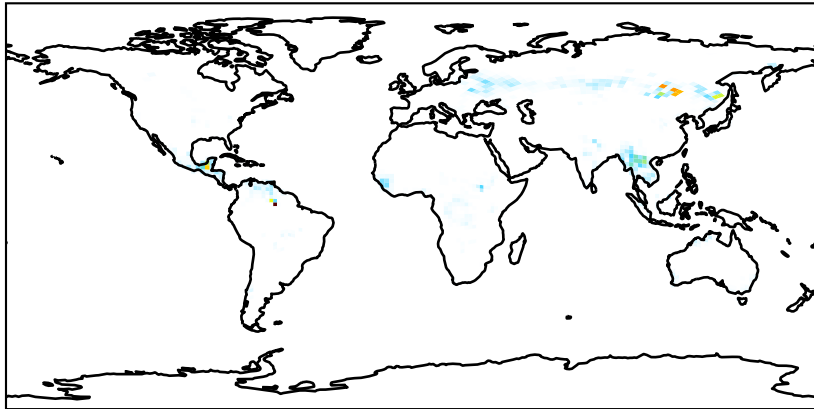


Ratio
Dev/Ref, Fixed Range

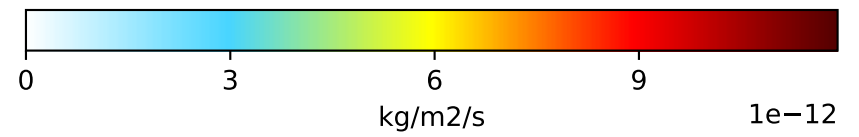
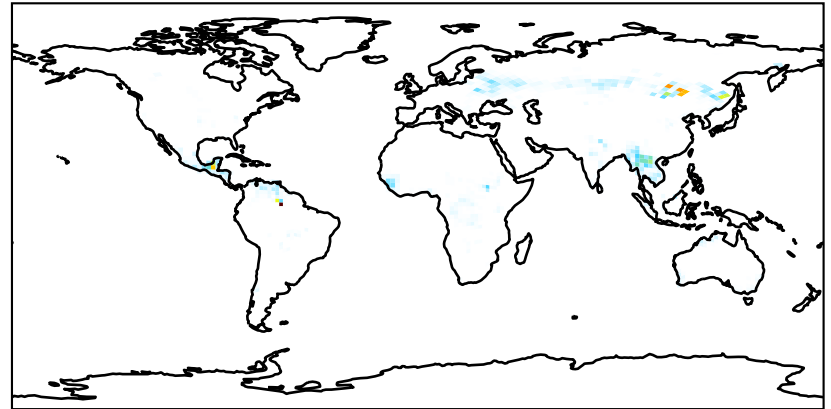


EmisTOLU_BioBurn (Apr2019)

GCHP_13.0.0-beta.1 (Ref)
c48



GCHP_13.0.0-rc.0 (Dev)
c48



Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range

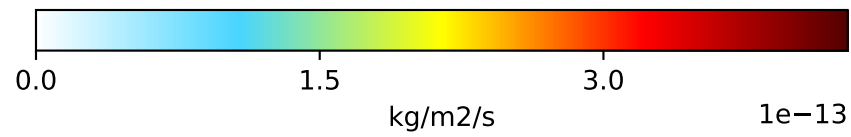
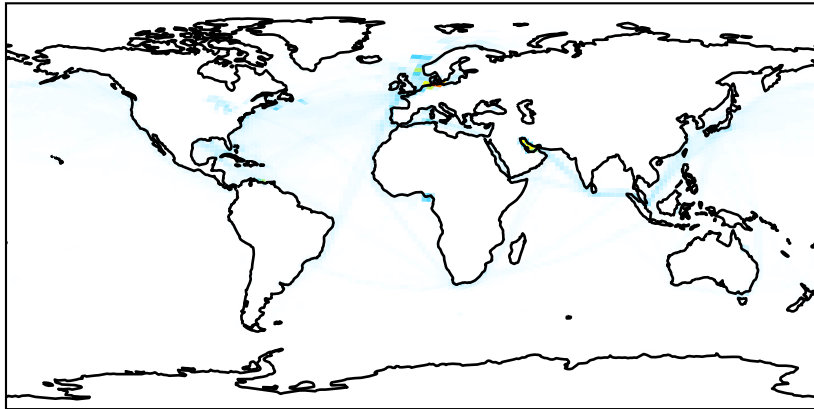


Ratio
Dev/Ref, Fixed Range

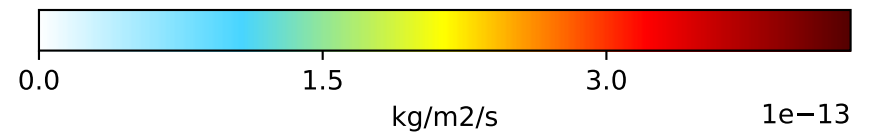
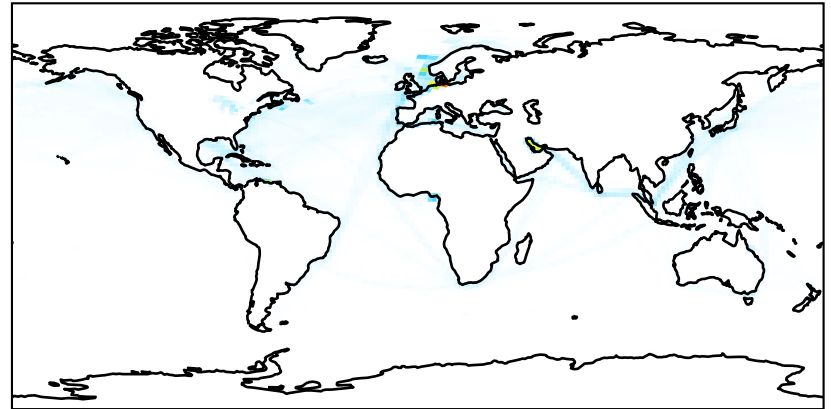


EmisTOLU_Ship (Apr2019)

GCHP_13.0.0-beta.1 (Ref)
c48



GCHP_13.0.0-rc.0 (Dev)
c48



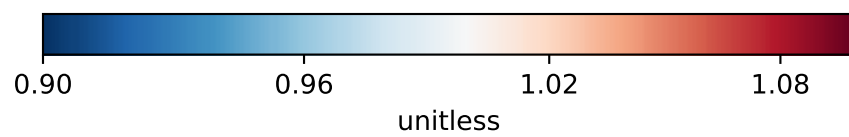
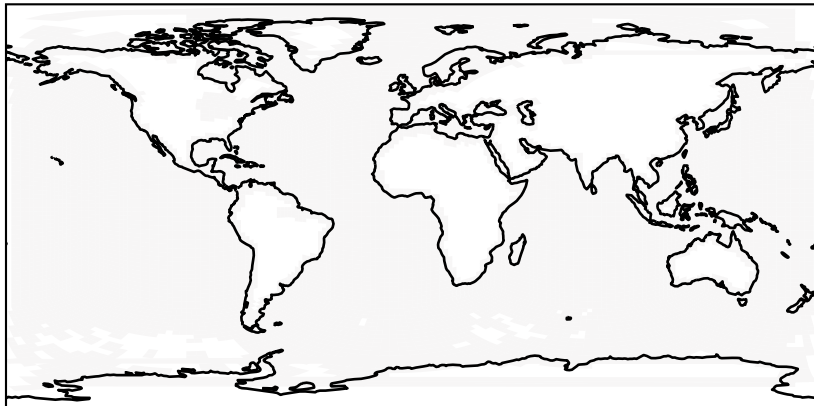
Difference
Dev - Ref, Dynamic Range



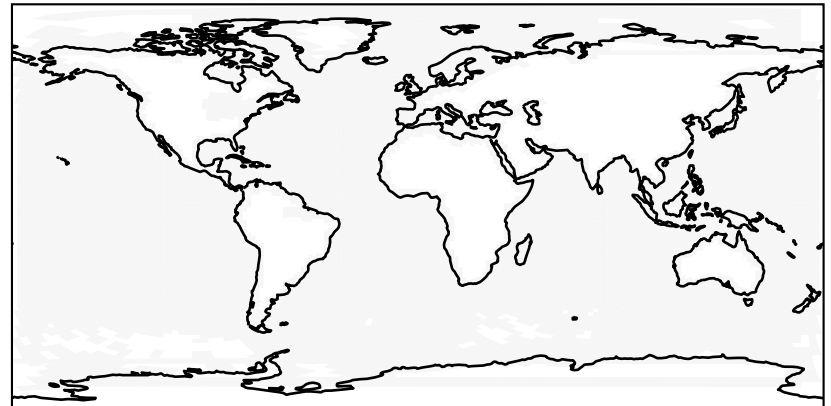
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

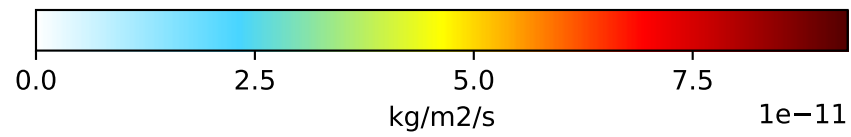
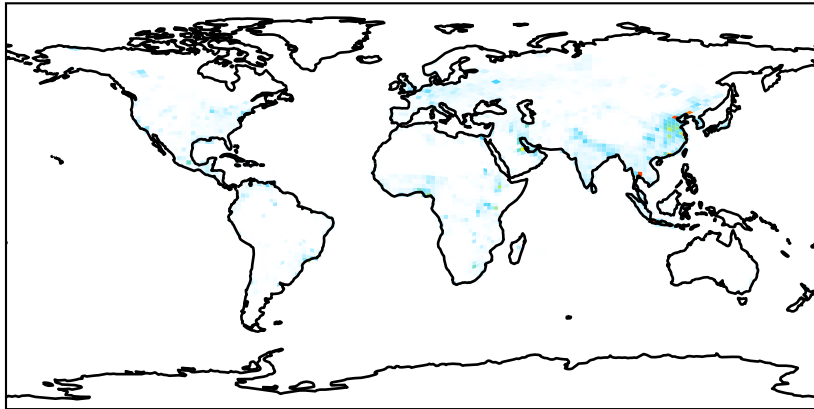


Ratio
Dev/Ref, Fixed Range

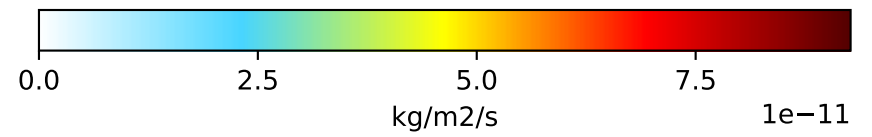
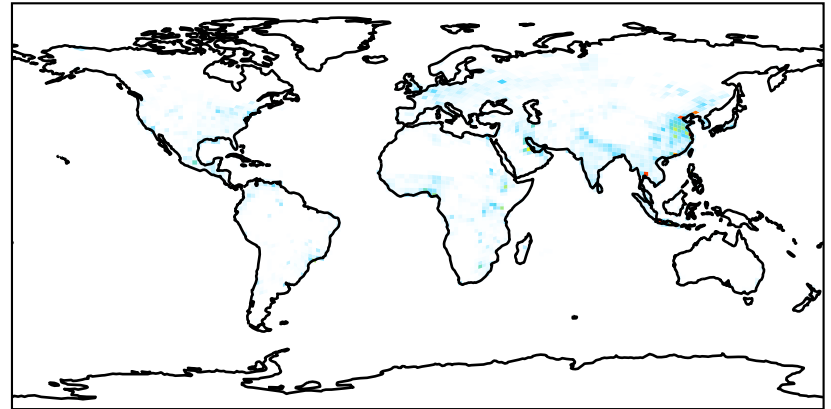


EmisTOLU_Total (Apr2019)

GCHP_13.0.0-beta.1 (Ref)
c48



GCHP_13.0.0-rc.0 (Dev)
c48



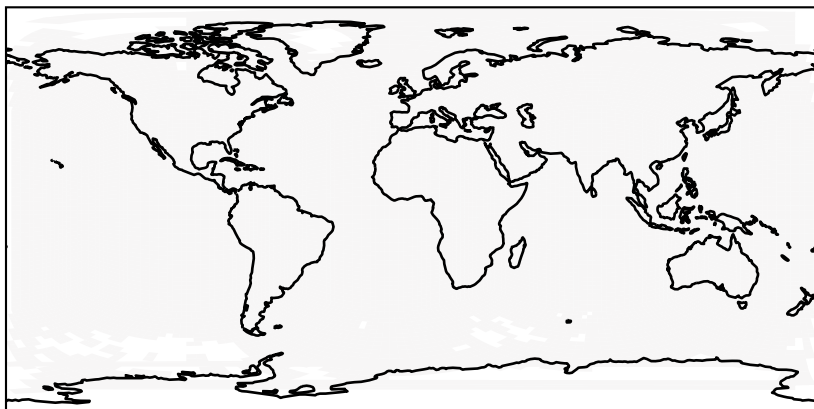
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range

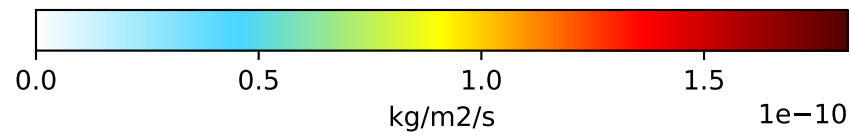
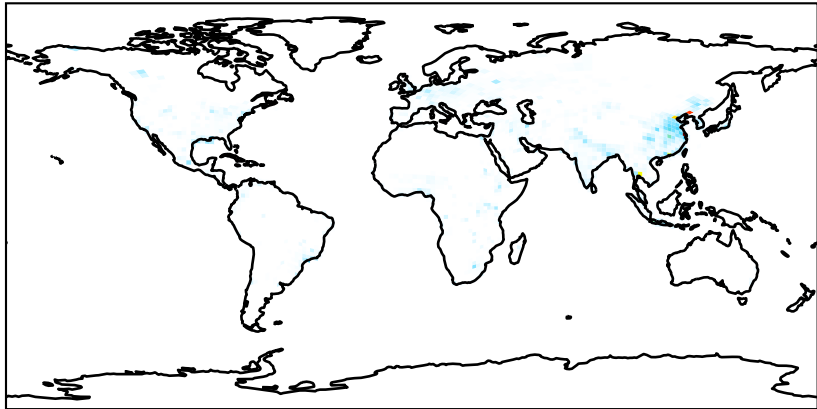


Ratio
Dev/Ref, Fixed Range

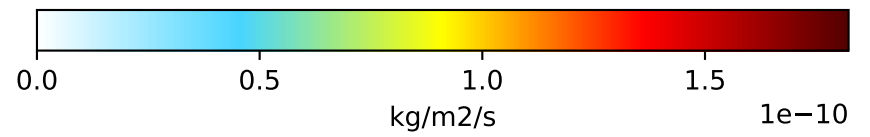
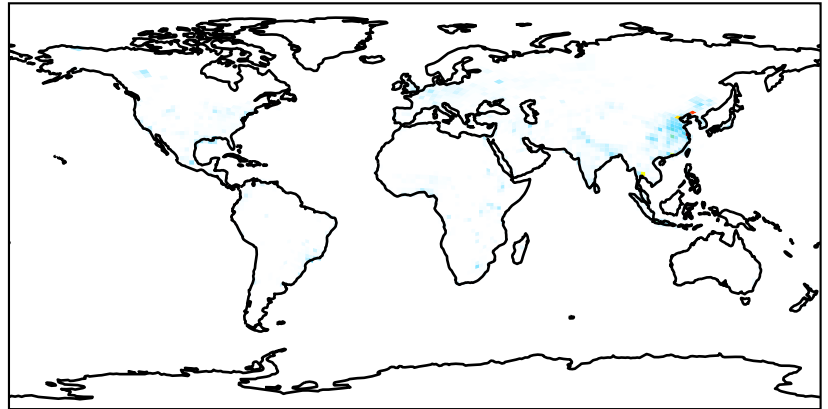


EmisXYLE_Anthro (Apr2019)

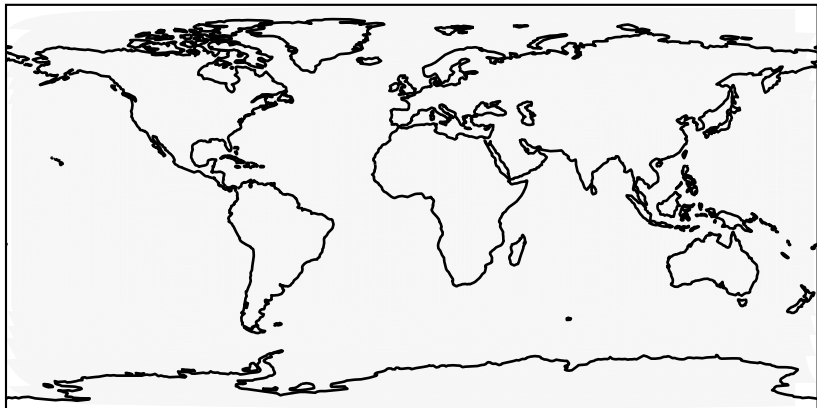
GCHP_13.0.0-beta.1 (Ref)
c48



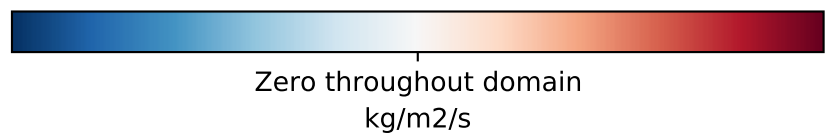
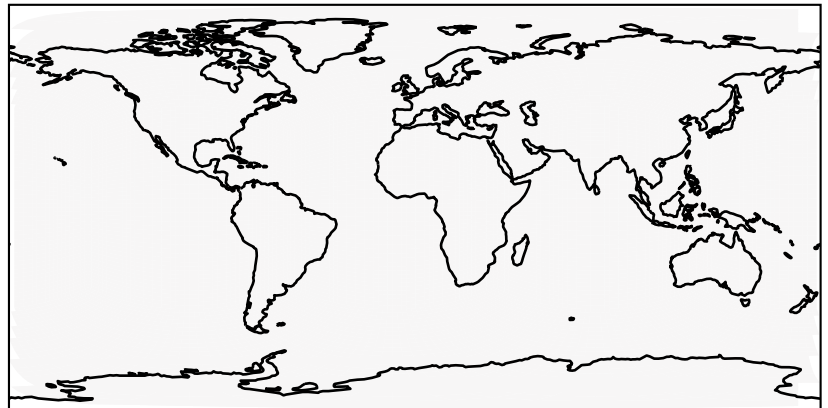
GCHP_13.0.0-rc.0 (Dev)
c48



Difference
Dev - Ref, Dynamic Range



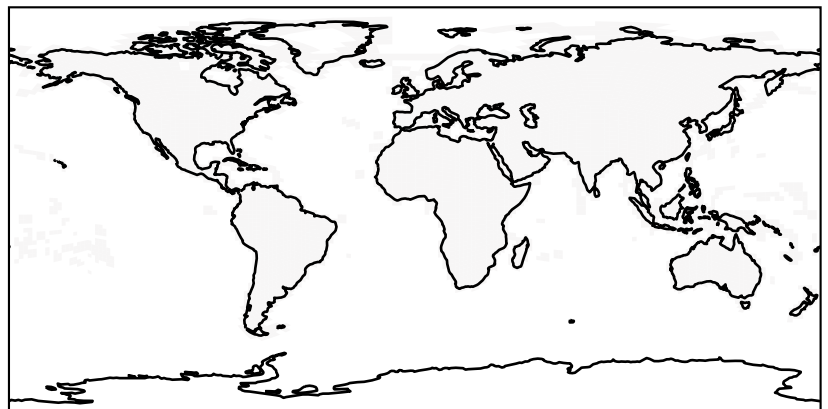
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

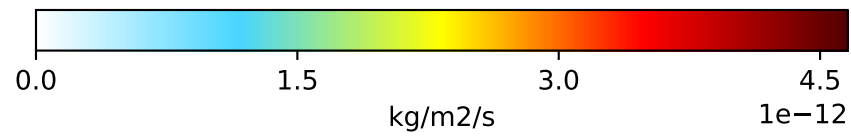
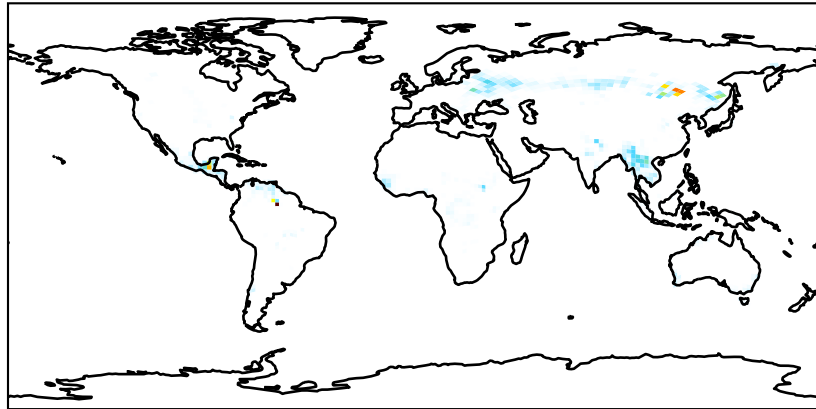


Ratio
Dev/Ref, Fixed Range

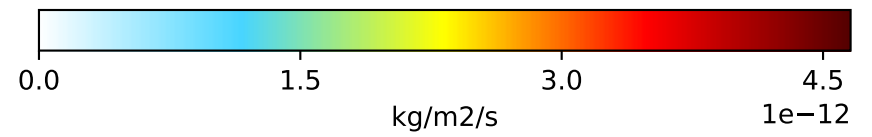
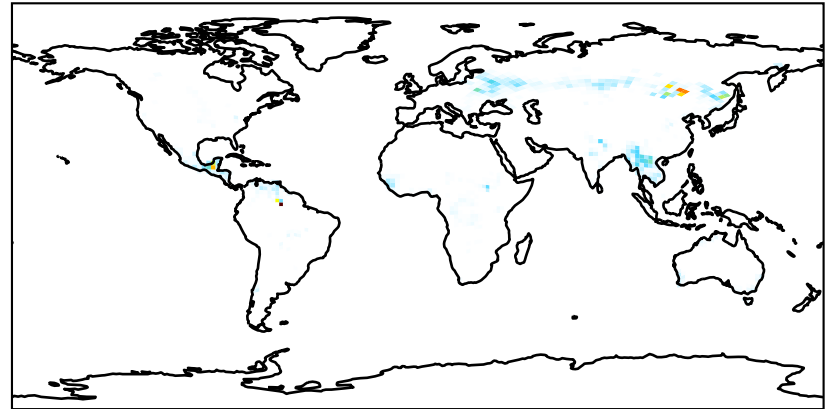


EmisXYLE_BioBurn (Apr2019)

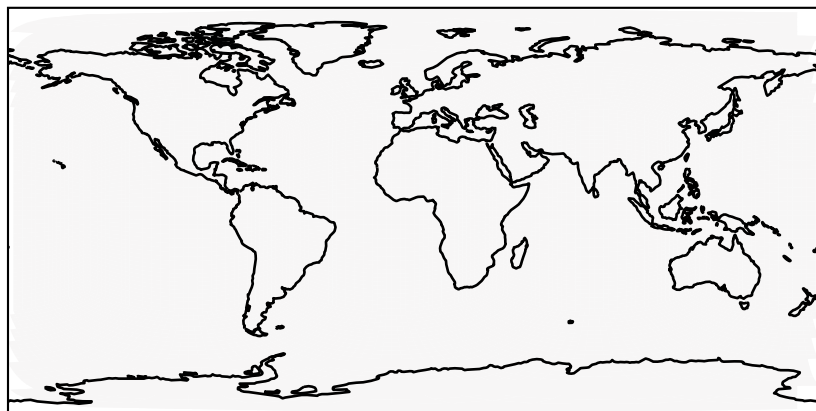
GCHP_13.0.0-beta.1 (Ref)
c48



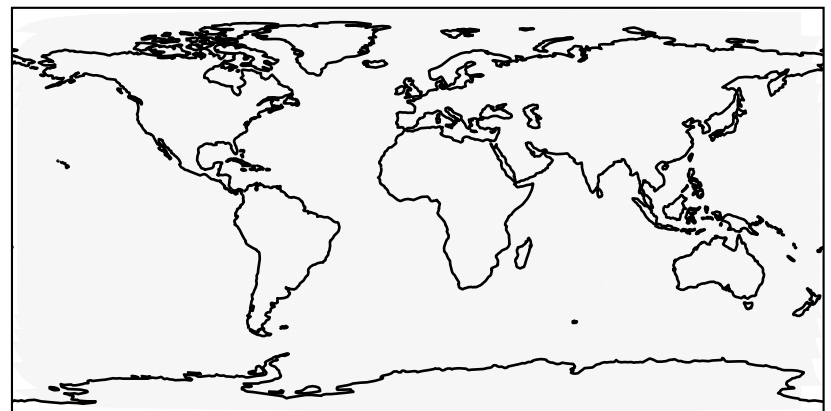
GCHP_13.0.0-rc.0 (Dev)
c48



Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range

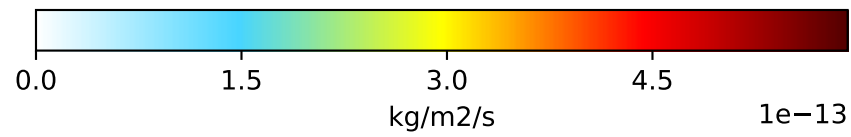
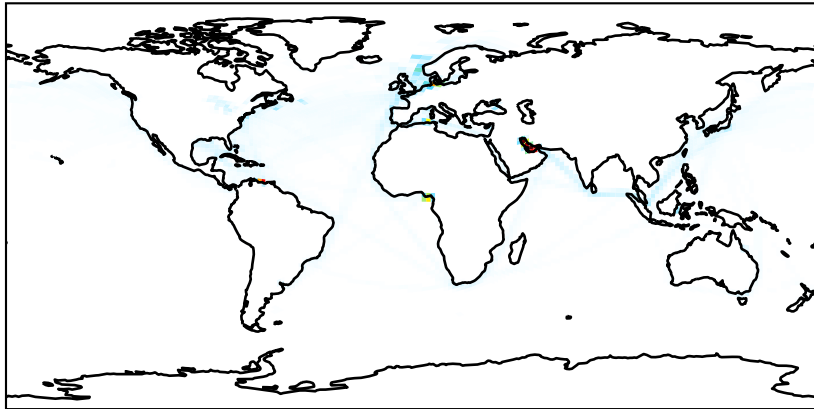


Ratio
Dev/Ref, Fixed Range

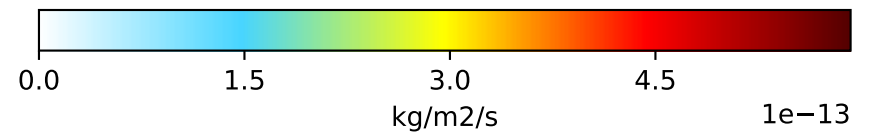
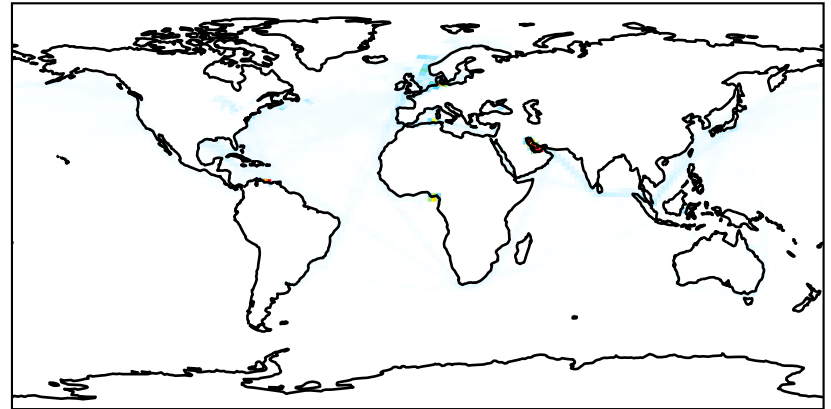


EmisXYLE_Ship (Apr2019)

GCHP_13.0.0-beta.1 (Ref)
c48



GCHP_13.0.0-rc.0 (Dev)
c48



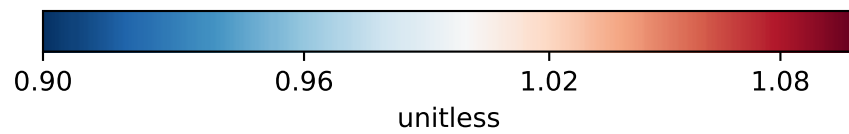
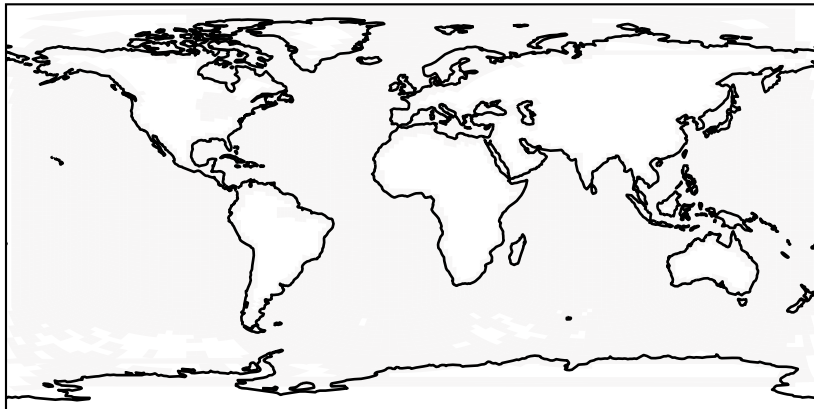
Difference
Dev - Ref, Dynamic Range



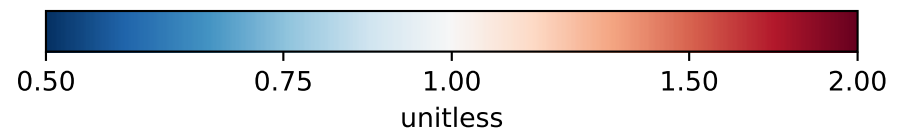
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

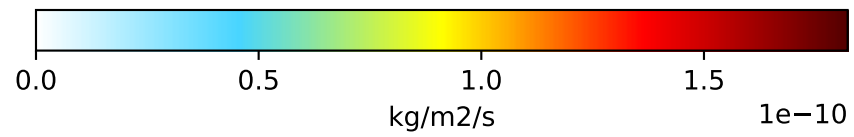
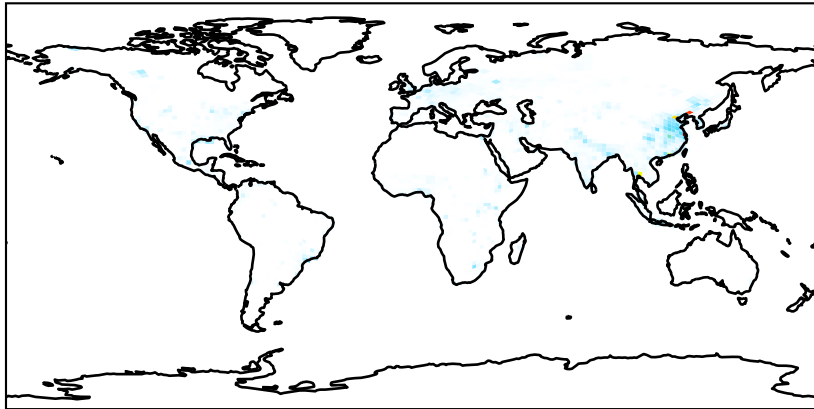


Ratio
Dev/Ref, Fixed Range

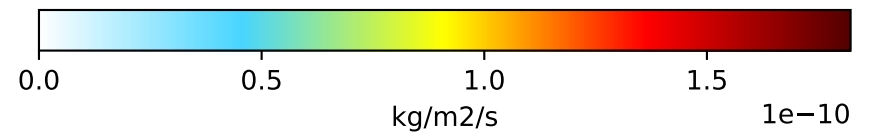
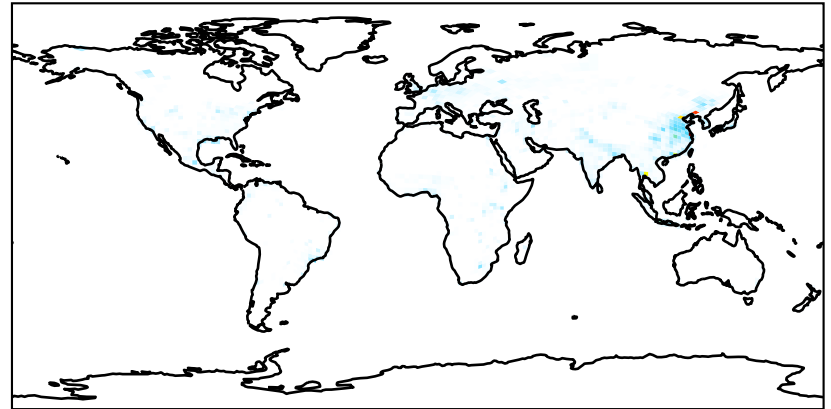


EmisXYLE_Total (Apr2019)

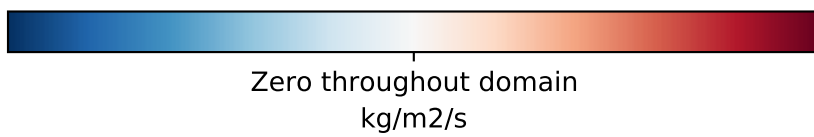
GCHP_13.0.0-beta.1 (Ref)
c48



GCHP_13.0.0-rc.0 (Dev)
c48



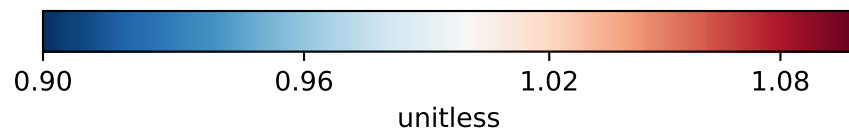
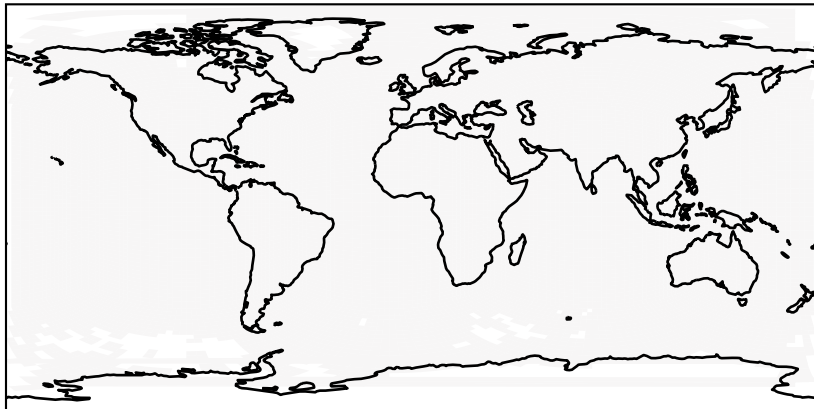
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

