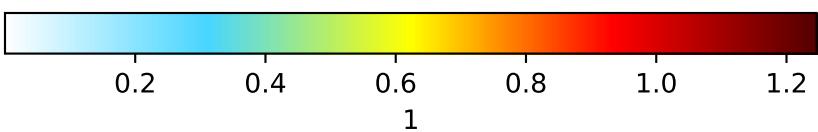
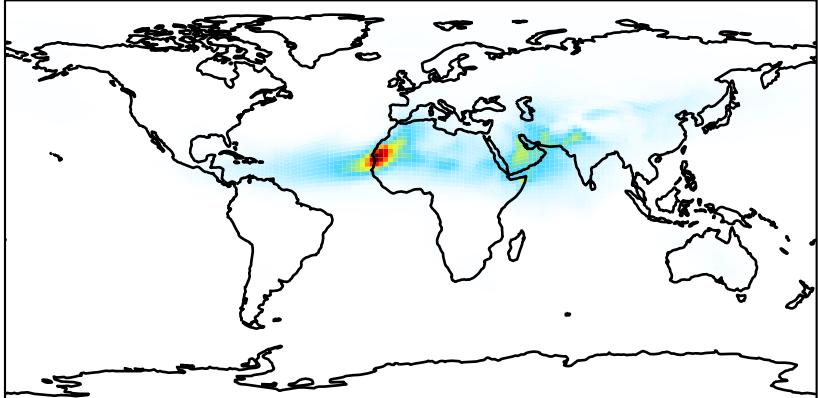
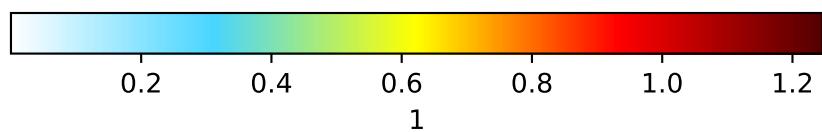
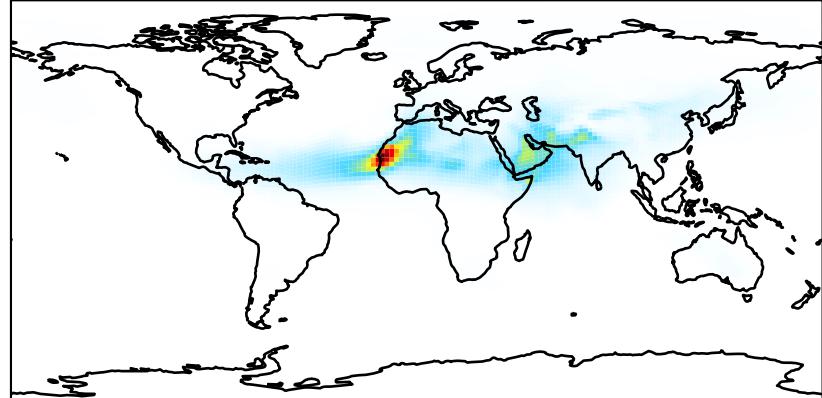


Column_AOD_Dust

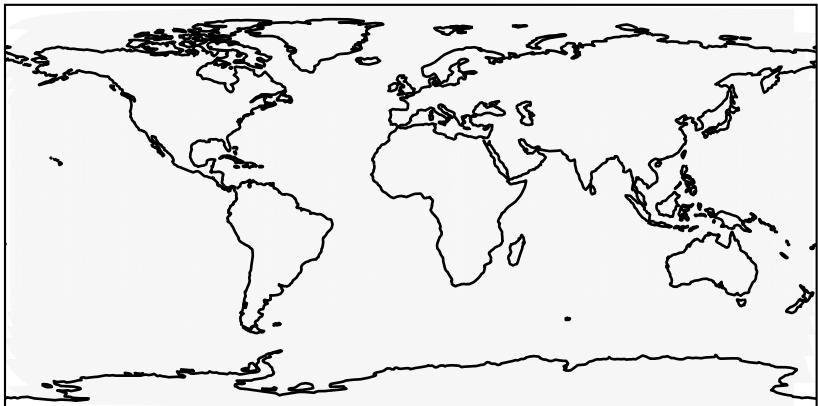
GCHP_13.2.0-beta.0 (Ref)
c48



GCHP_13.2.0-beta.0-LuoWetdep (Dev)
c48

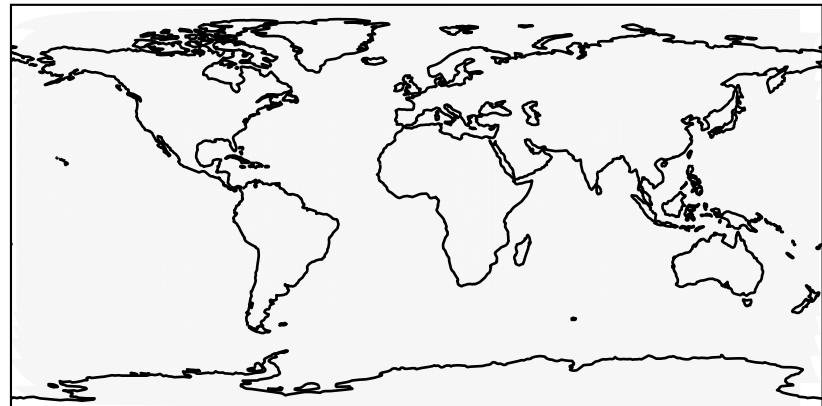


Difference
Dev - Ref, Dynamic Range



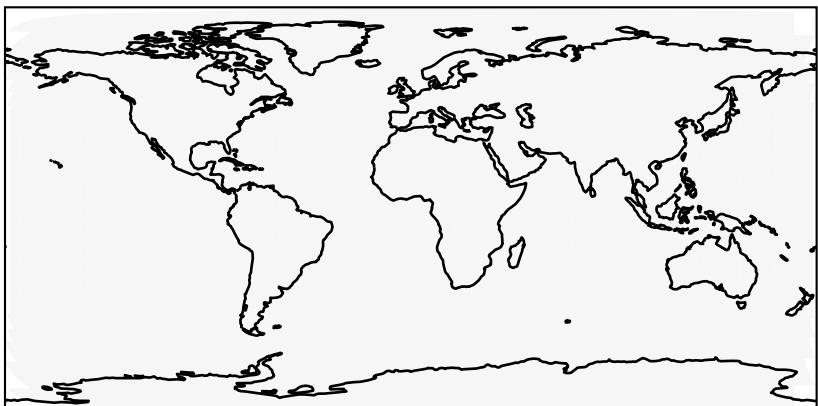
Zero throughout domain
1

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



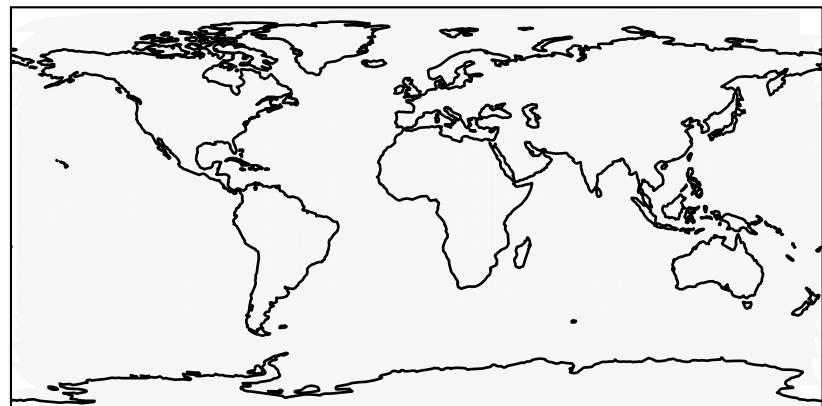
Zero throughout domain
1

Ratio
Dev/Ref, Dynamic Range



10^0
unitless

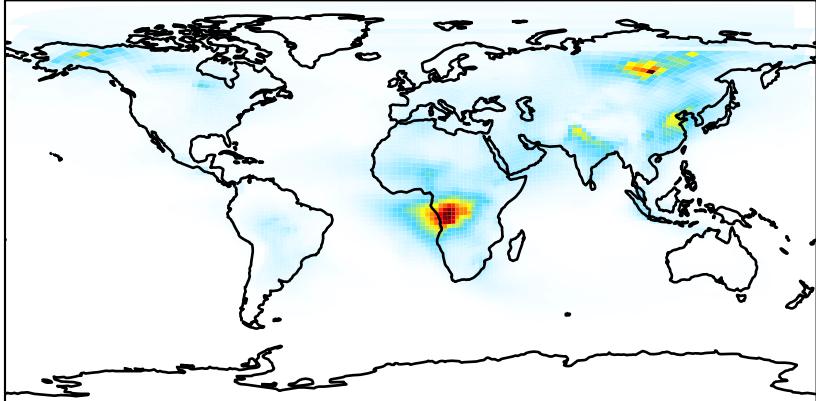
Ratio
Dev/Ref, Fixed Range



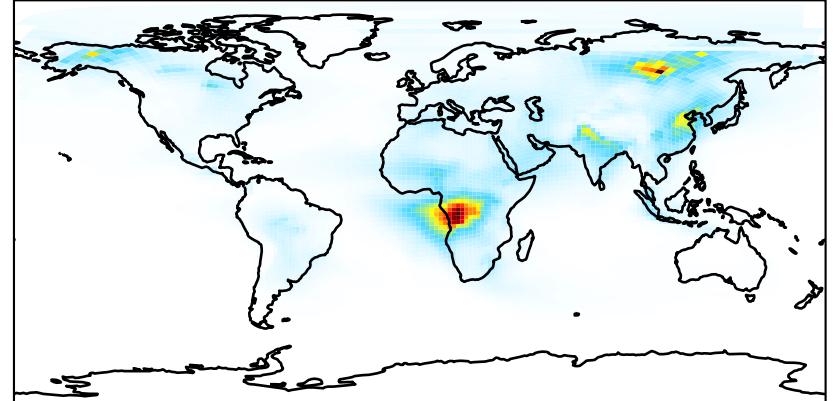
10^0
unitless

Column_AOD_BCPI

GCHP_13.2.0-beta.0 (Ref)
c48



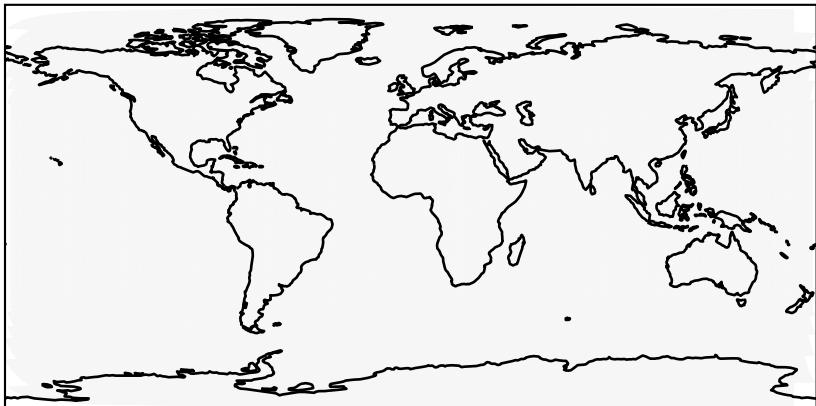
GCHP_13.2.0-beta.0-LuoWetdep (Dev)
c48



0.015 0.030 0.045
1

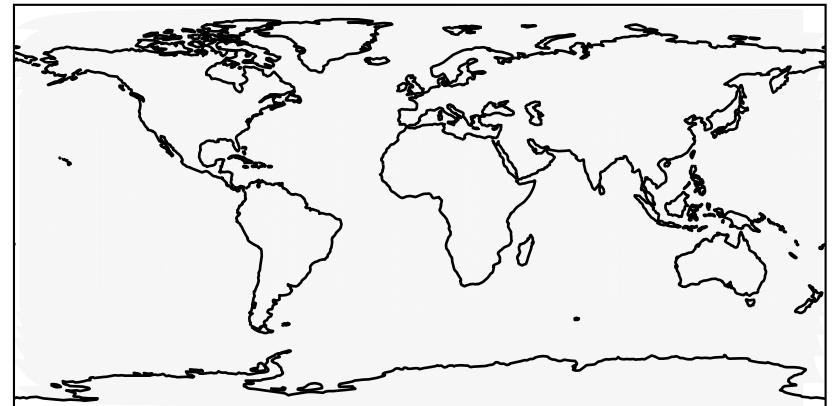
0.015 0.030 0.045
1

Difference
Dev - Ref, Dynamic Range



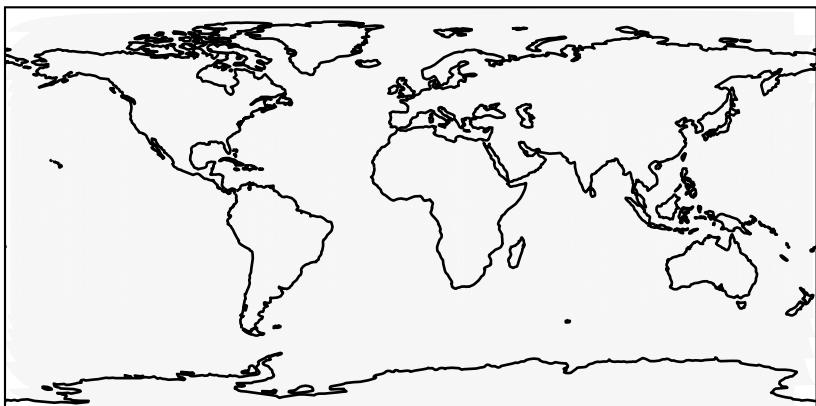
Zero throughout domain
1

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



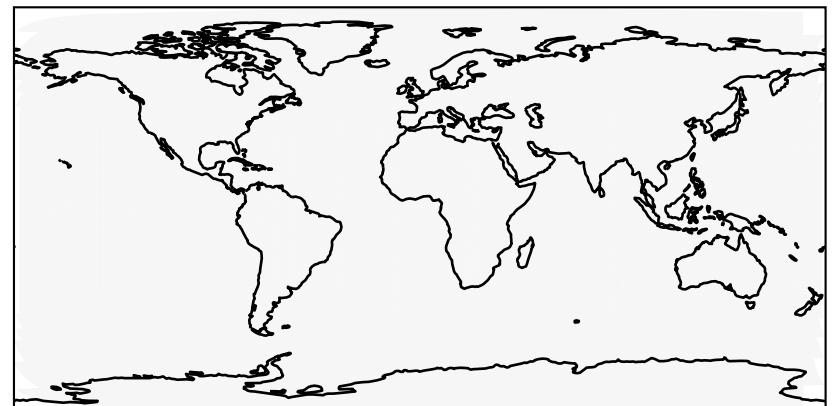
Zero throughout domain
1

Ratio
Dev/Ref, Dynamic Range



10^0
unitless

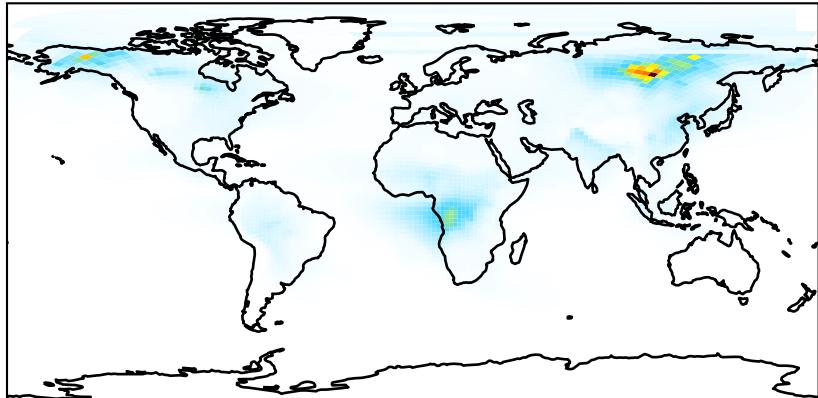
Ratio
Dev/Ref, Fixed Range



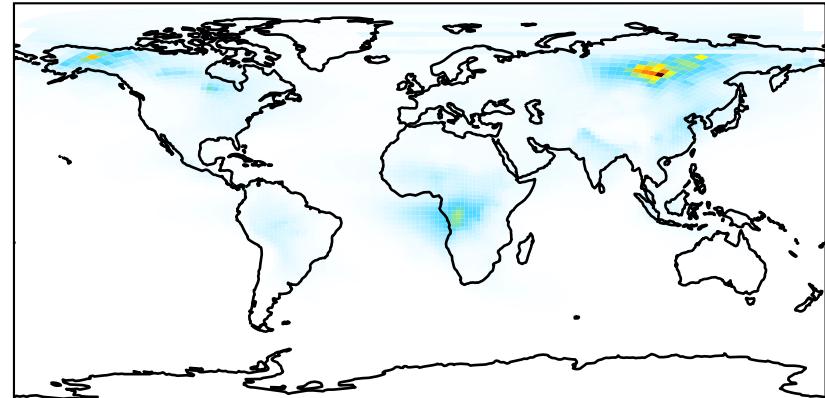
10^0
unitless

Column_AOD_OCPI

GCHP_13.2.0-beta.0 (Ref)
c48



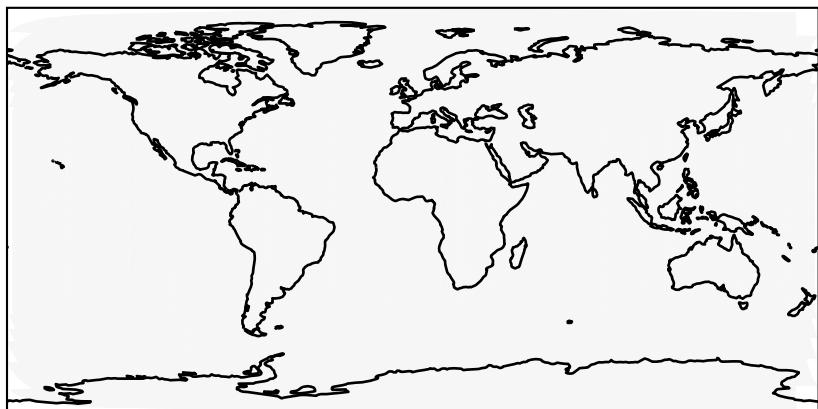
GCHP_13.2.0-beta.0-LuoWetdep (Dev)
c48



0.2 0.4 0.6 0.8 1.0 1.2
1

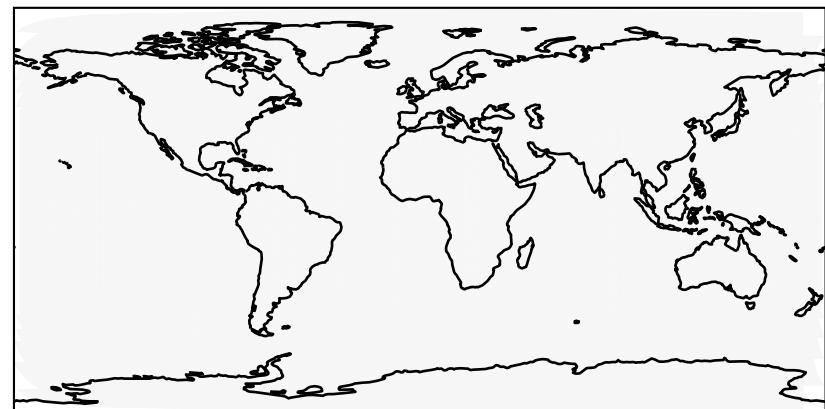
0.2 0.4 0.6 0.8 1.0 1.2
1

Difference
Dev - Ref, Dynamic Range



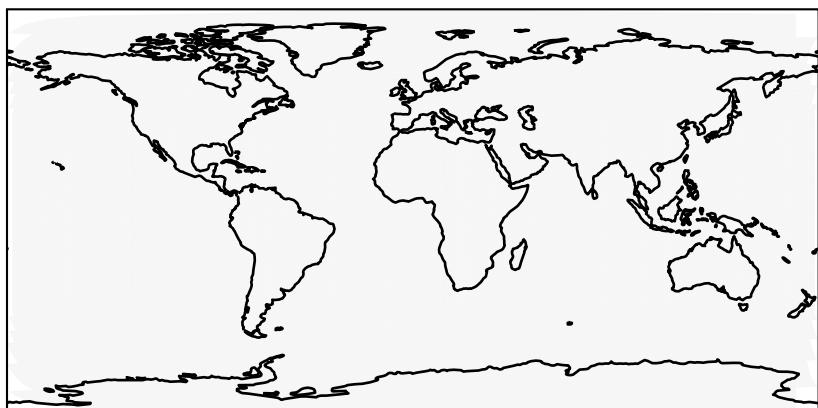
Zero throughout domain
1

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



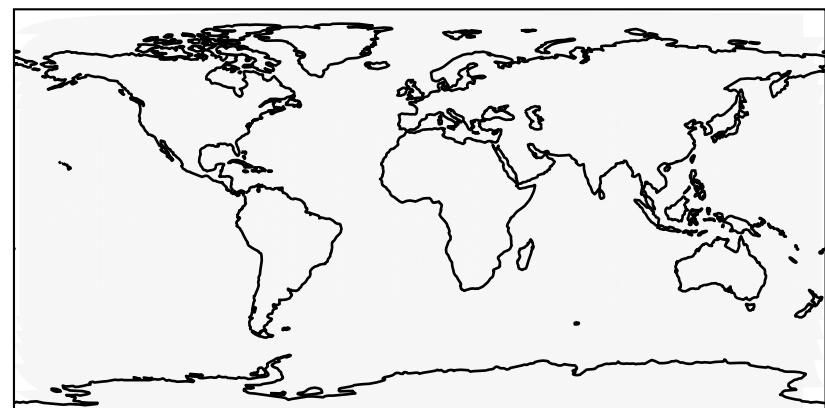
Zero throughout domain
1

Ratio
Dev/Ref, Dynamic Range



10^0
unitless

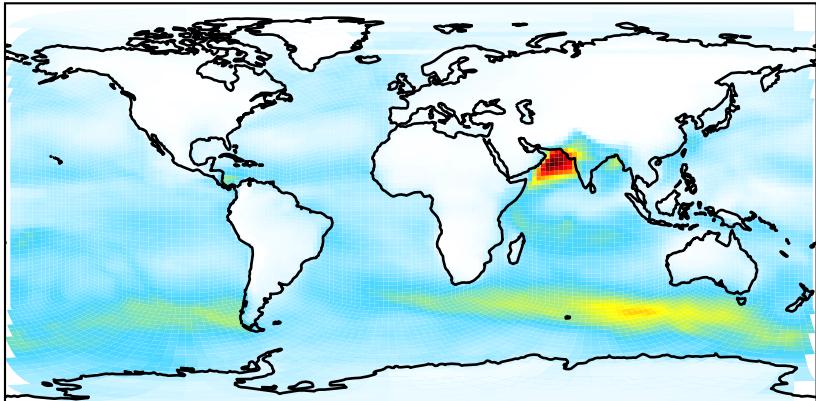
Ratio
Dev/Ref, Fixed Range



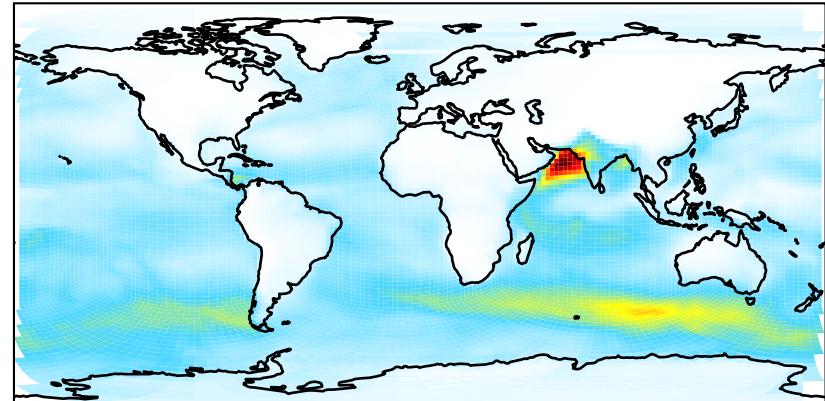
10^0
unitless

Column_AOD_SALA

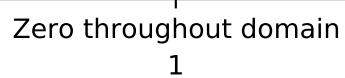
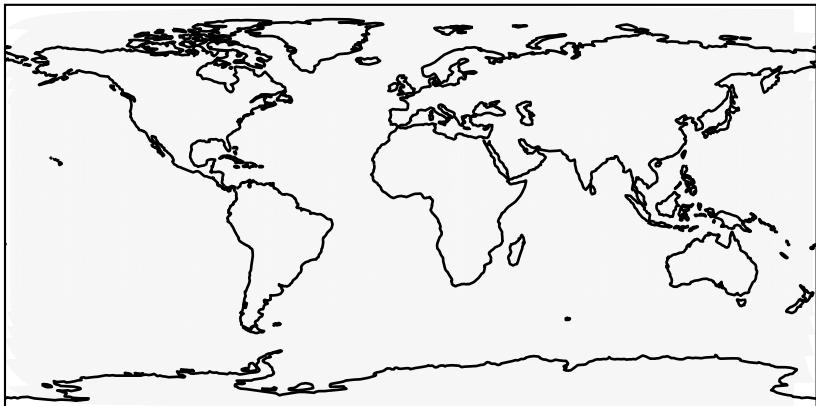
GCHP_13.2.0-beta.0 (Ref)
c48



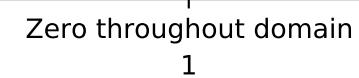
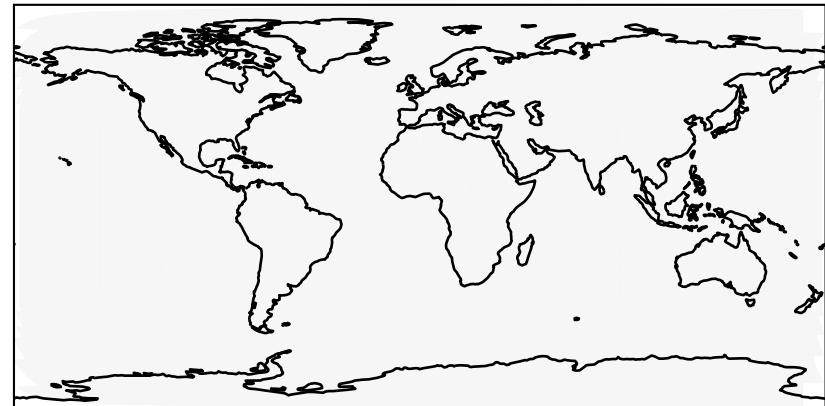
GCHP_13.2.0-beta.0-LuoWetdep (Dev)
c48



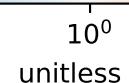
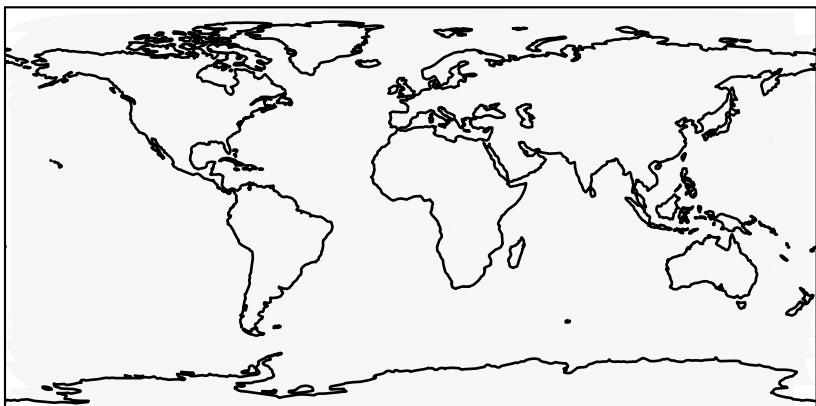
Difference
Dev - Ref, Dynamic Range



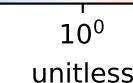
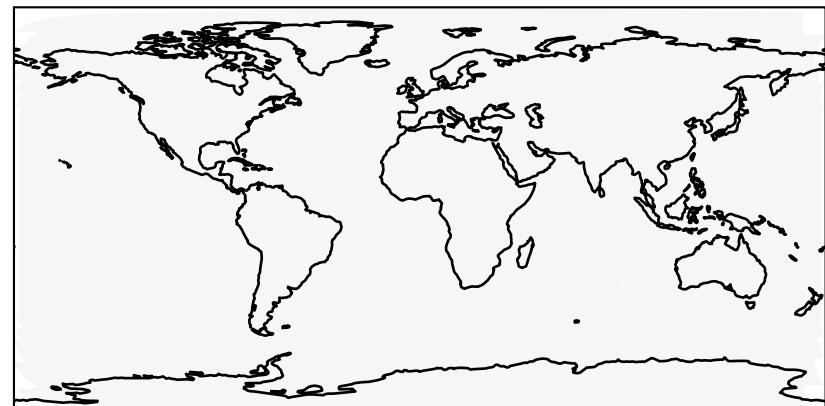
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

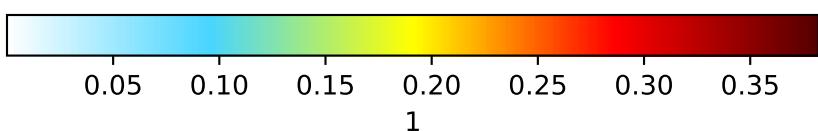
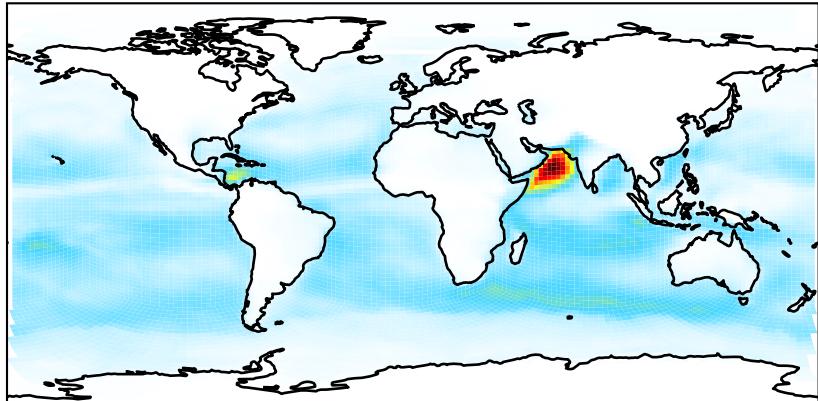


Ratio
Dev/Ref, Fixed Range

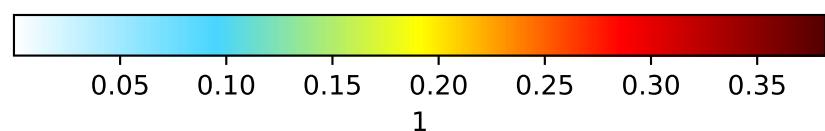
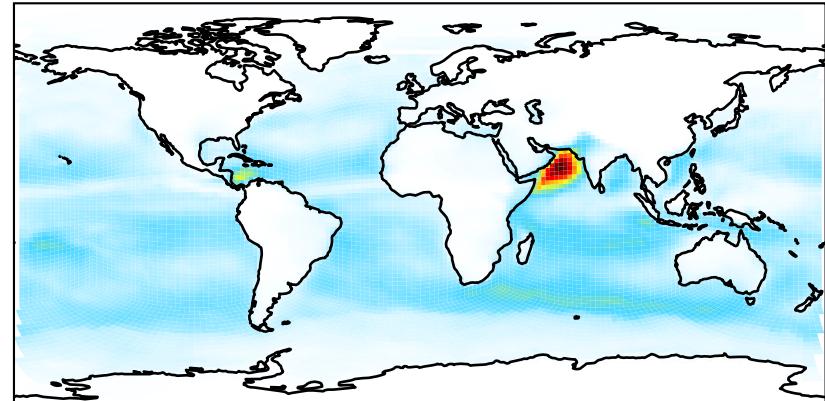


Column_AOD_SALC

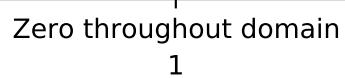
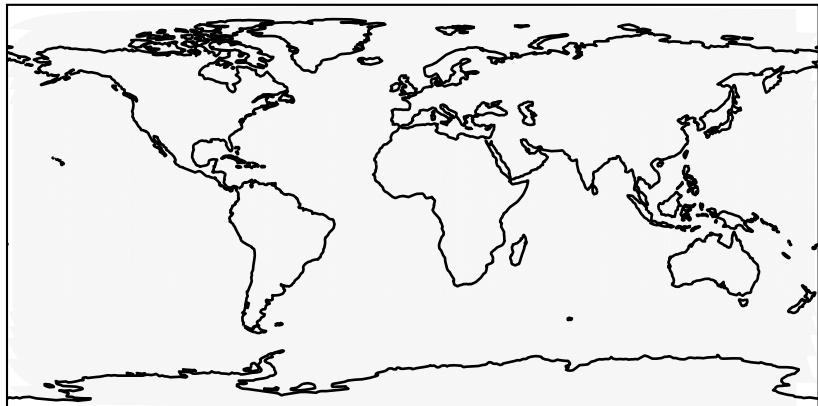
GCHP_13.2.0-beta.0 (Ref)
c48



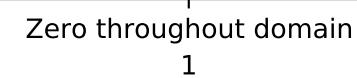
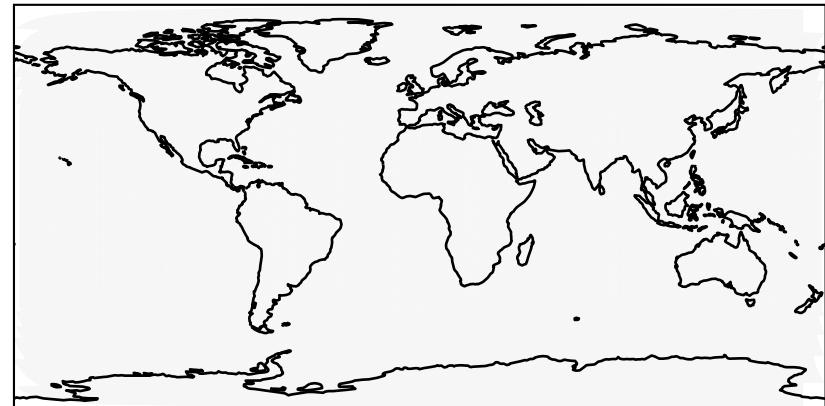
GCHP_13.2.0-beta.0-LuoWetdep (Dev)
c48



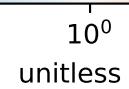
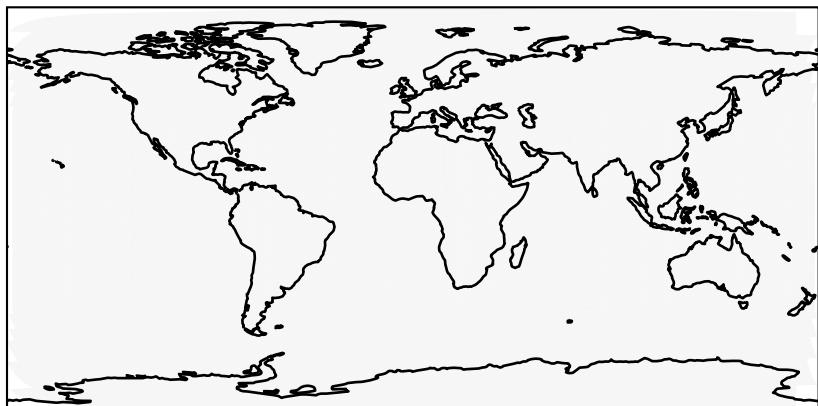
Difference
Dev - Ref, Dynamic Range



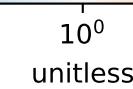
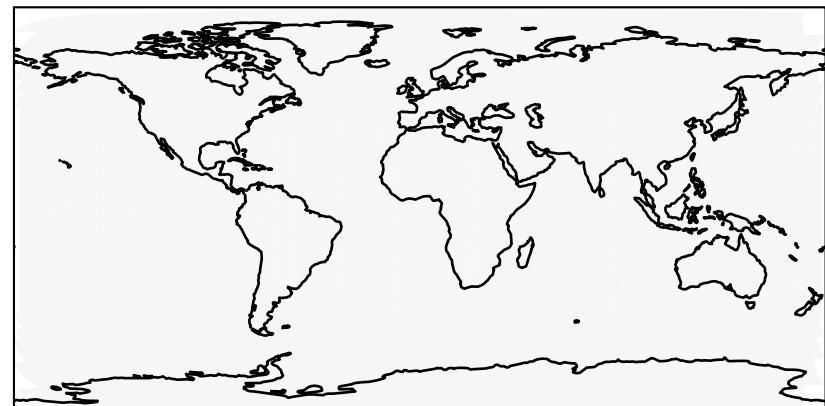
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

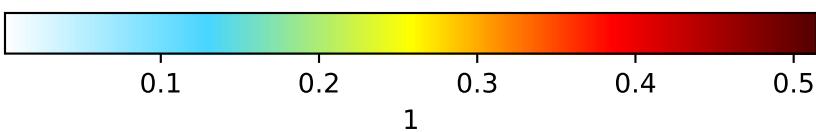
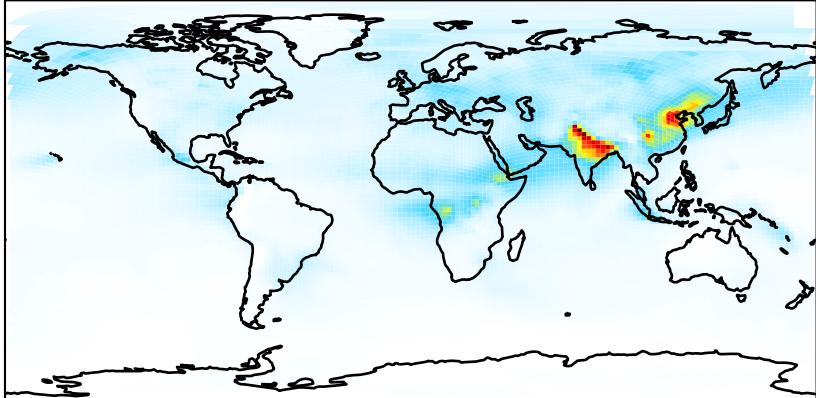


Ratio
Dev/Ref, Fixed Range

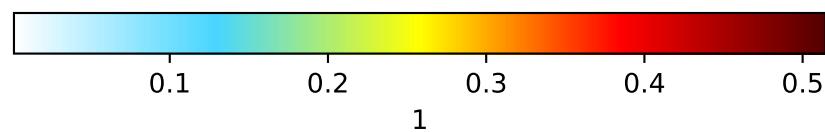
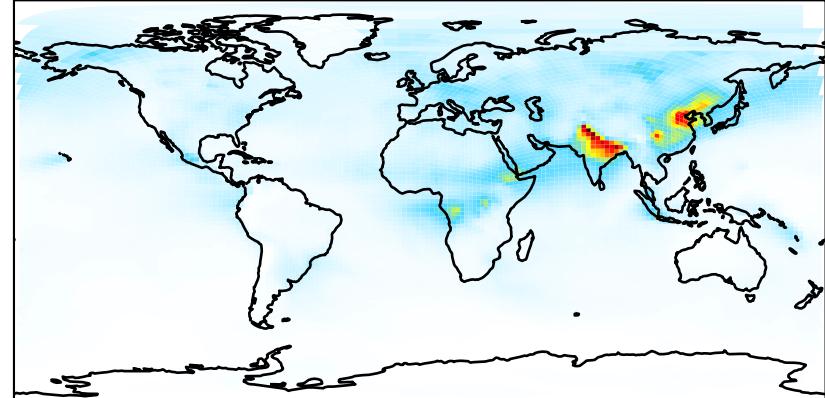


Column_AOD_SO4

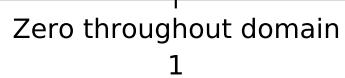
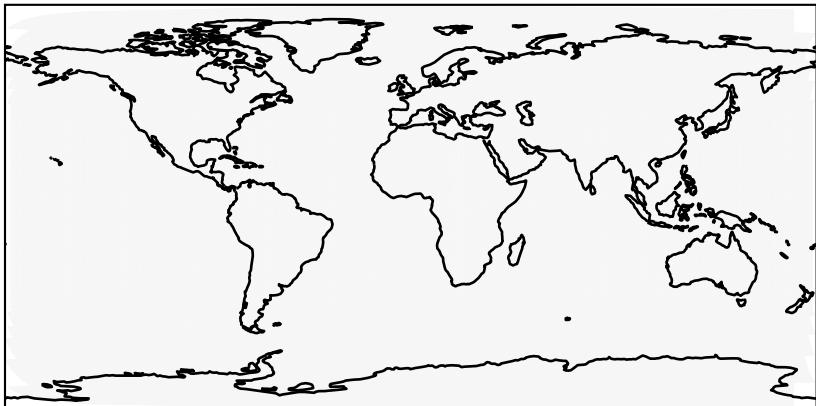
GCHP_13.2.0-beta.0 (Ref)
c48



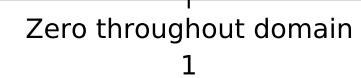
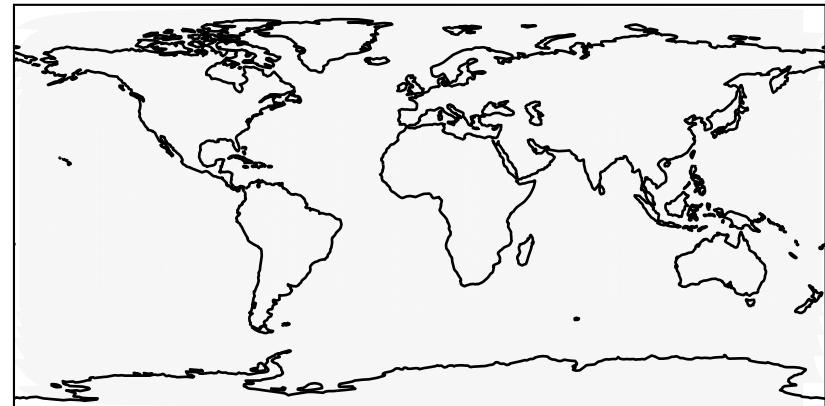
GCHP_13.2.0-beta.0-LuoWetdep (Dev)
c48



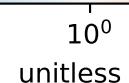
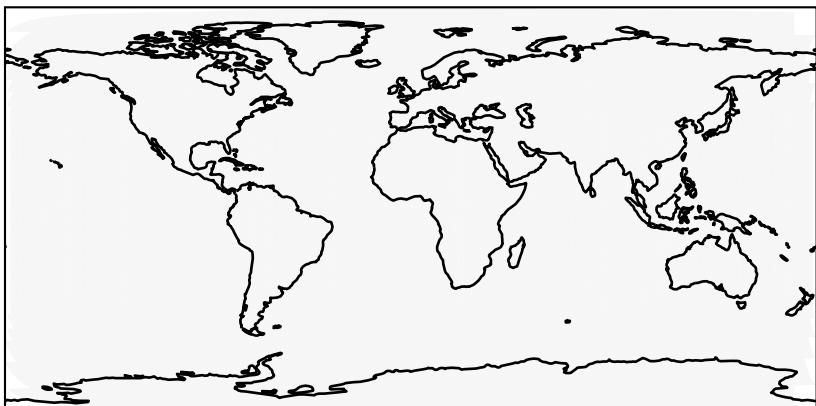
Difference
Dev - Ref, Dynamic Range



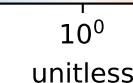
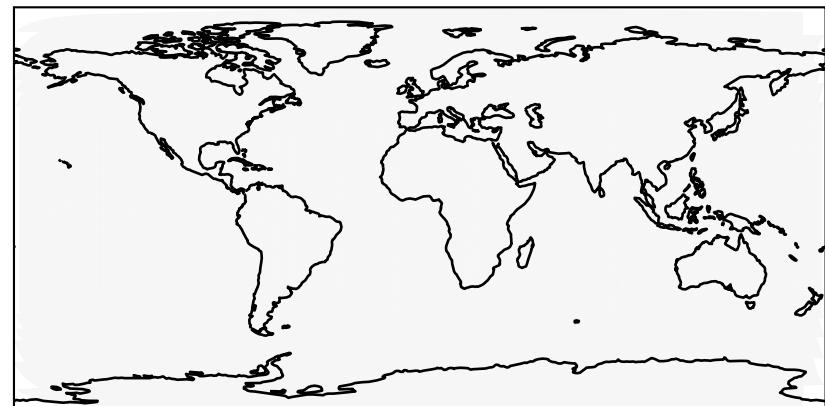
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

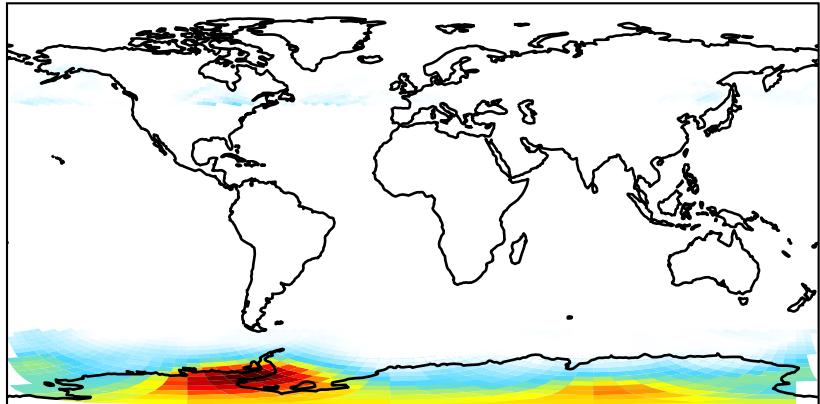


Ratio
Dev/Ref, Fixed Range

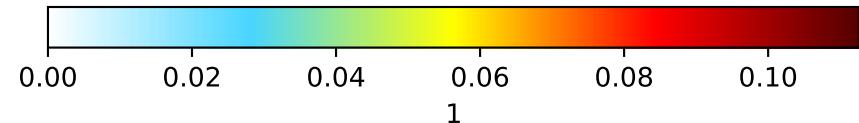
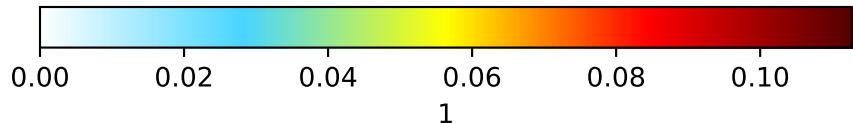
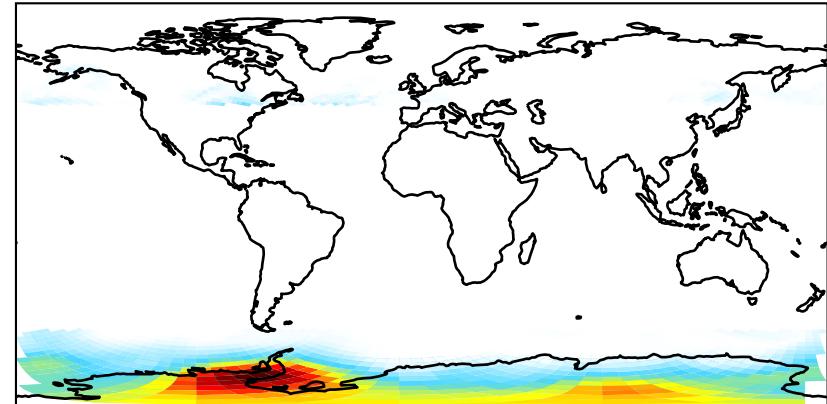


Column_AOD_Polar_Strat_Cloud

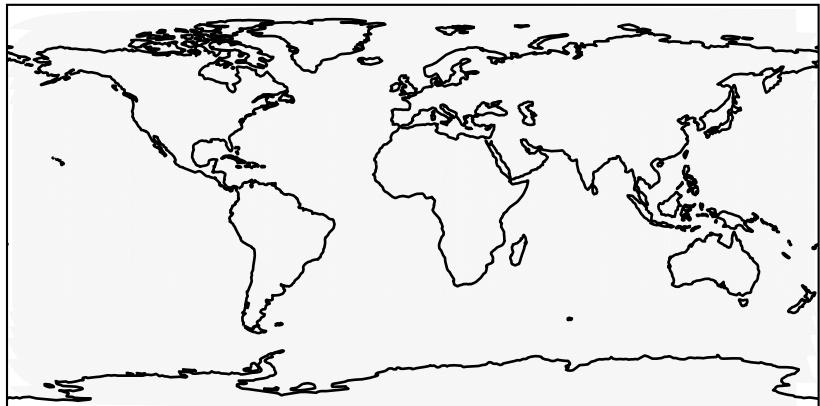
GCHP_13.2.0-beta.0 (Ref)
c48



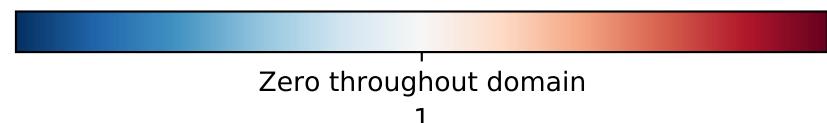
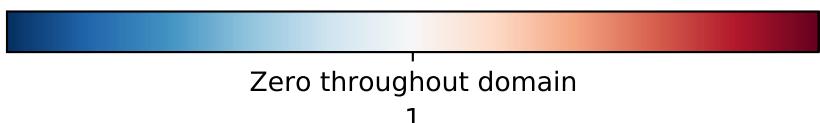
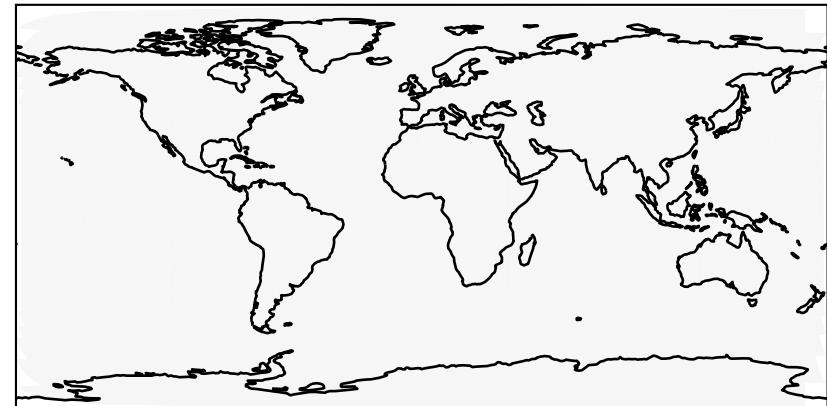
GCHP_13.2.0-beta.0-LuoWetdep (Dev)
c48



Difference
Dev - Ref, Dynamic Range



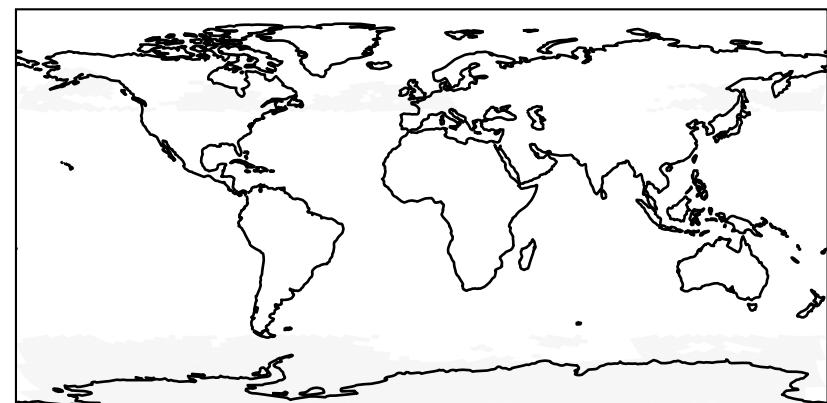
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

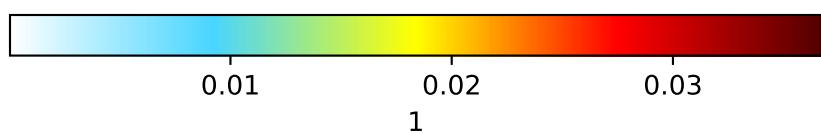
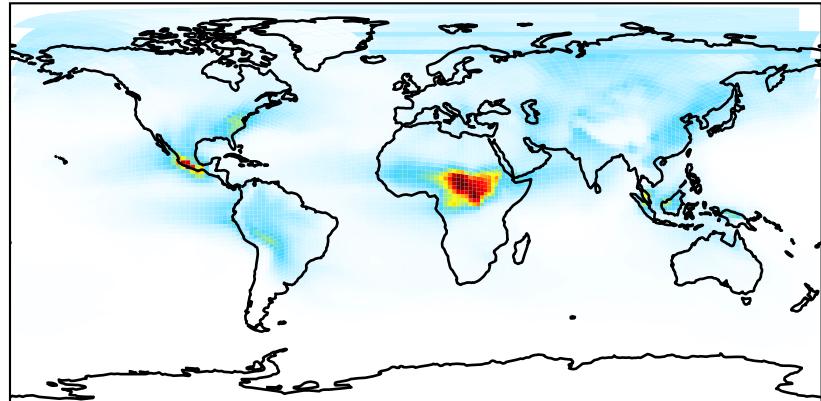


Ratio
Dev/Ref, Fixed Range

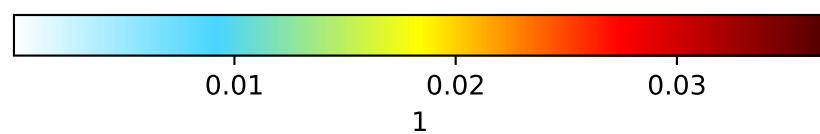
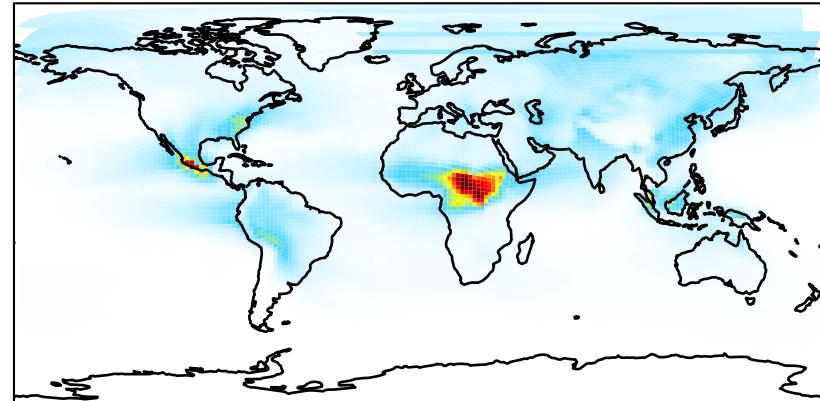


Column_AOD_SOA_from_Aqueous_ISOP

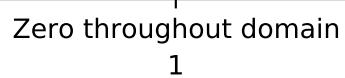
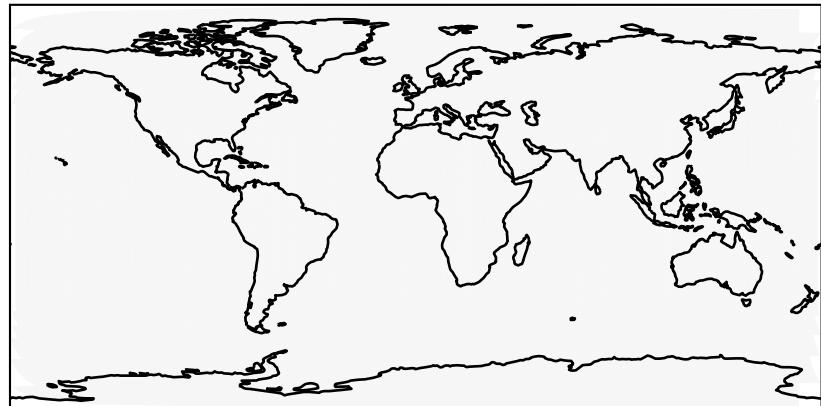
GCHP_13.2.0-beta.0 (Ref)
c48



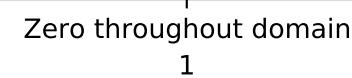
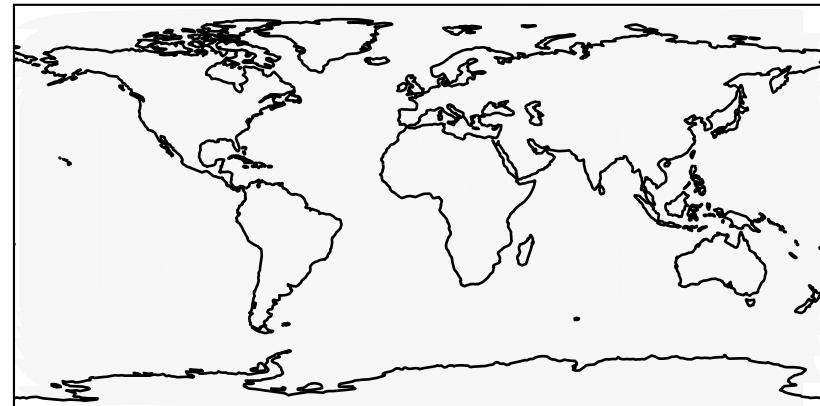
GCHP_13.2.0-beta.0-LuoWetdep (Dev)
c48



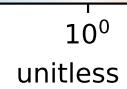
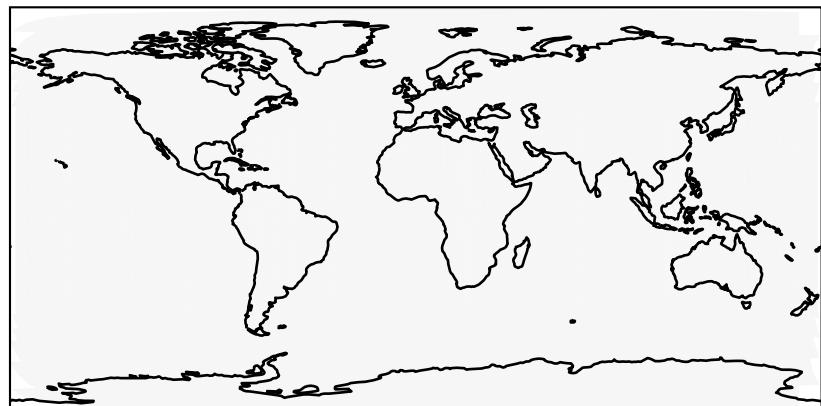
Difference
Dev - Ref, Dynamic Range



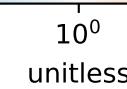
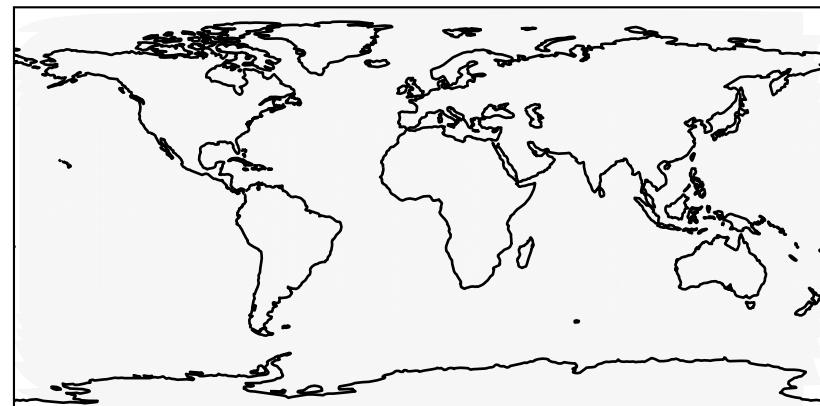
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

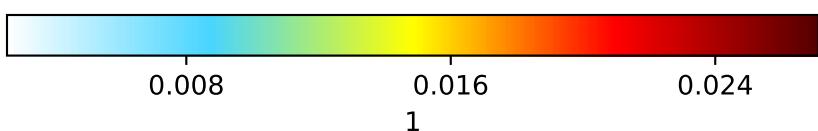
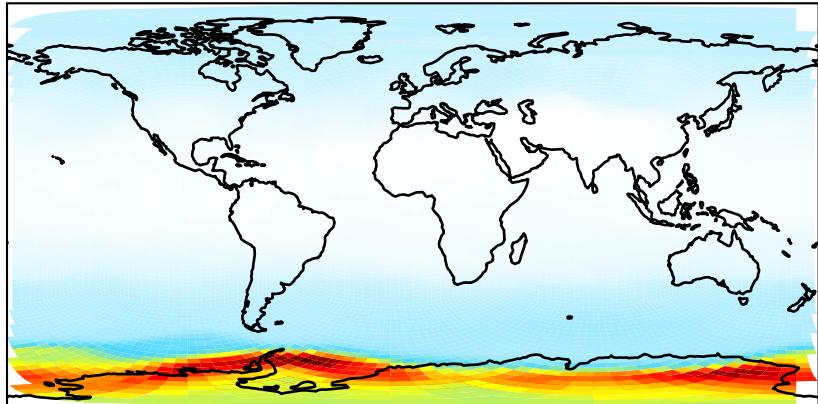


Ratio
Dev/Ref, Fixed Range

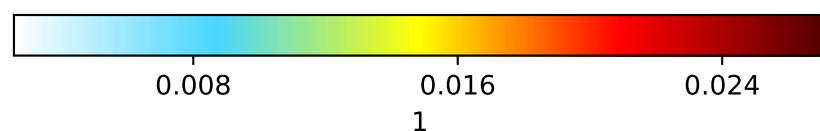
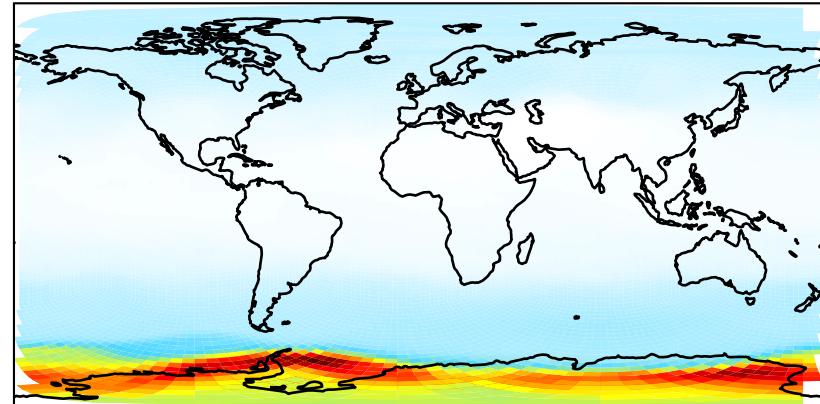


Column_AOD_Strat_Liquid_Aerosol

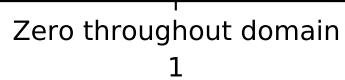
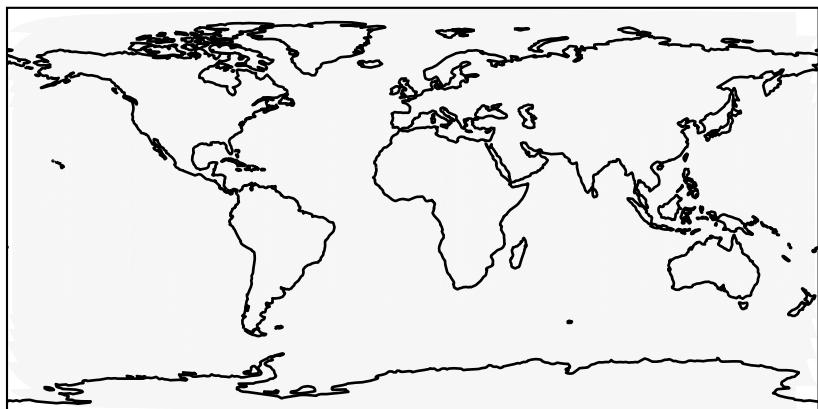
GCHP_13.2.0-beta.0 (Ref)
c48



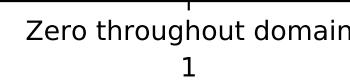
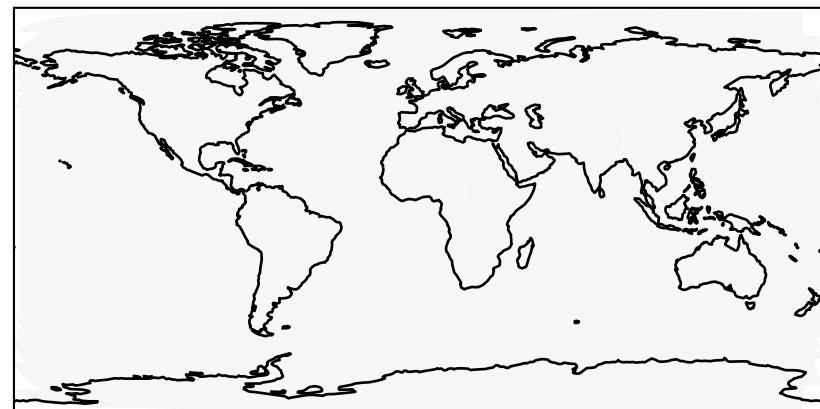
GCHP_13.2.0-beta.0-LuoWetdep (Dev)
c48



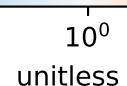
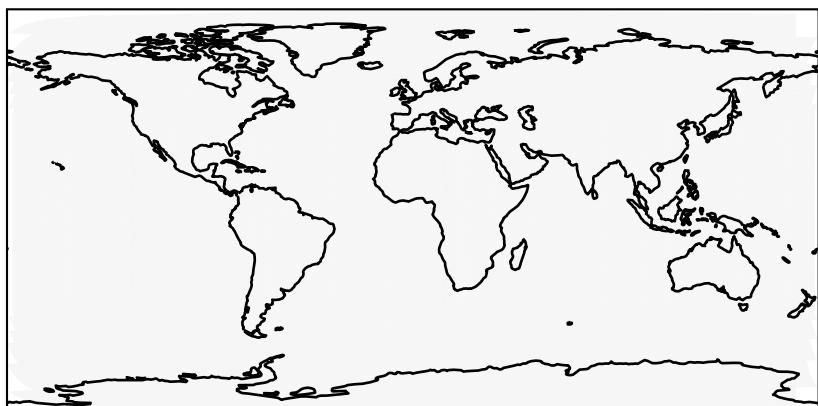
Difference
Dev - Ref, Dynamic Range



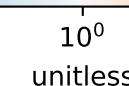
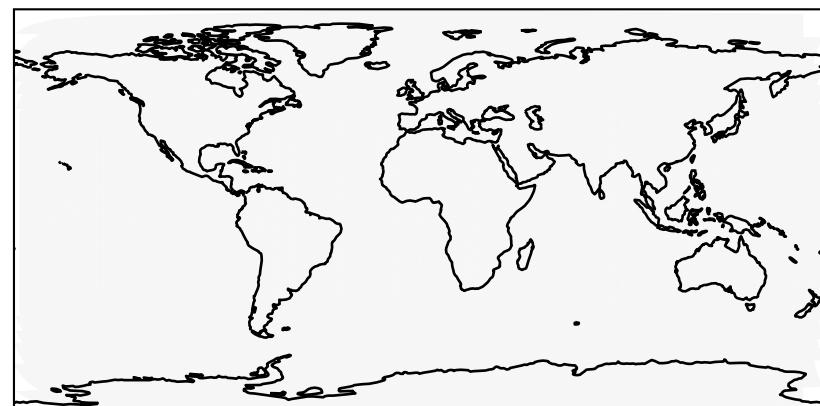
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

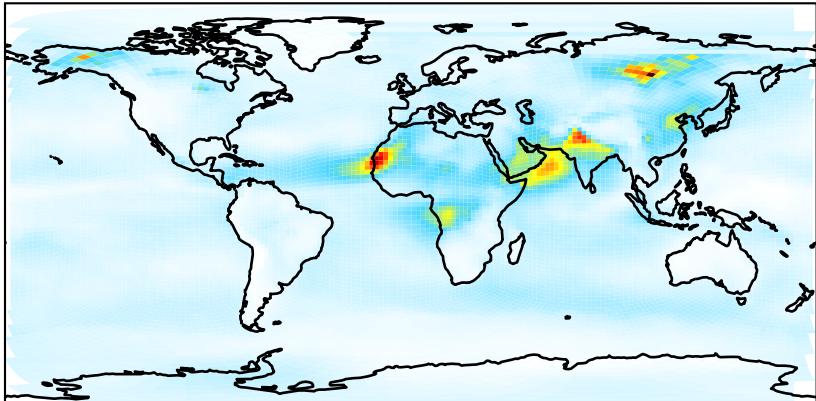


Ratio
Dev/Ref, Fixed Range

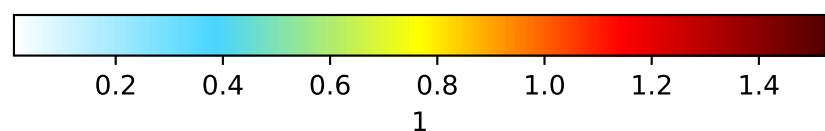
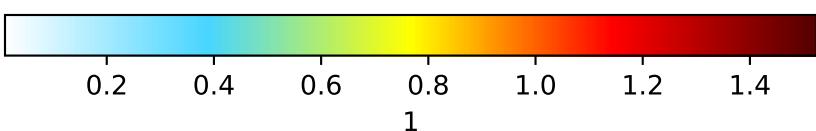
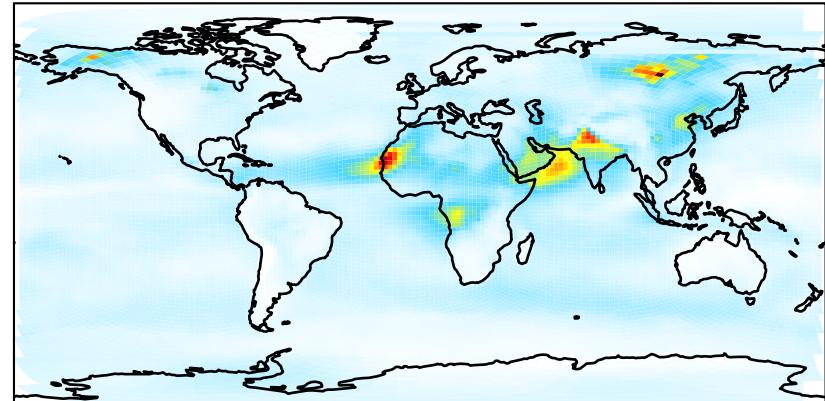


Column_AOD_Total

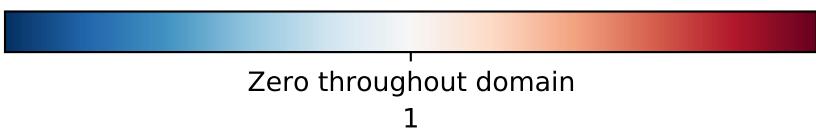
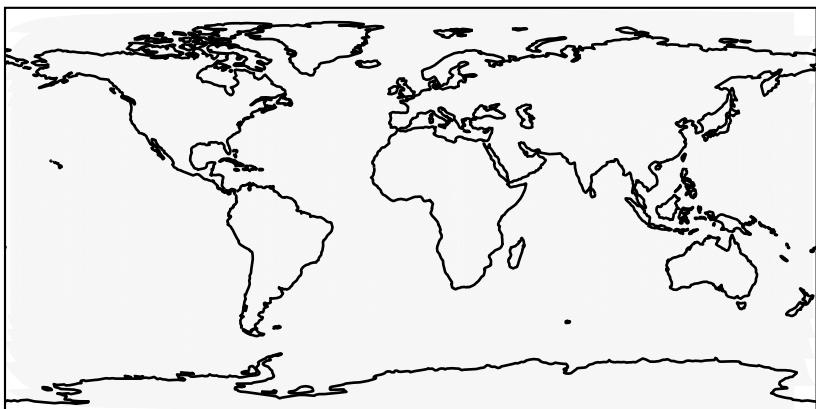
GCHP_13.2.0-beta.0 (Ref)
c48



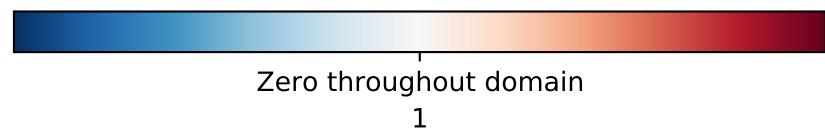
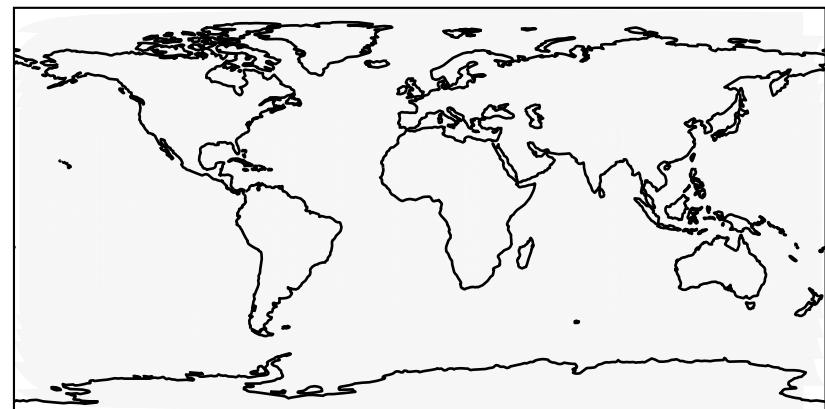
GCHP_13.2.0-beta.0-LuoWetdep (Dev)
c48



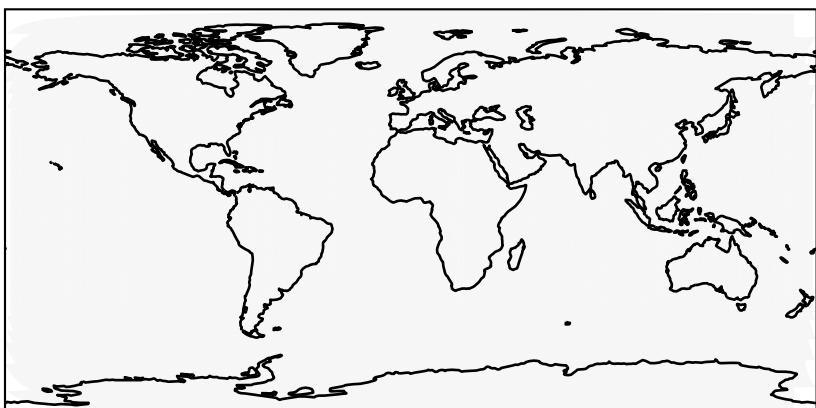
Difference
Dev - Ref, Dynamic Range



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

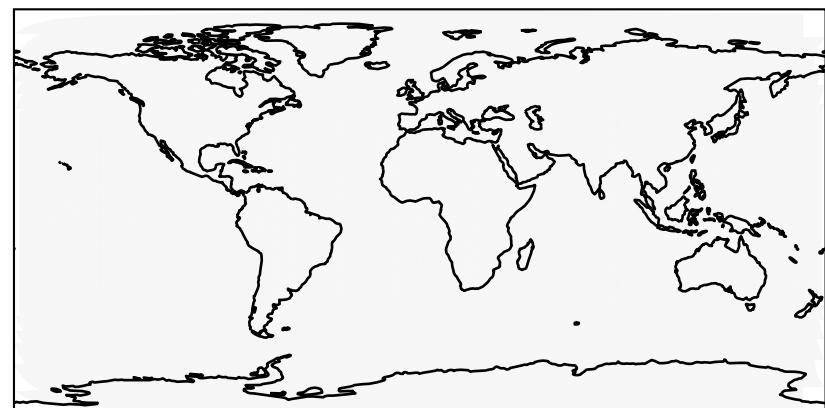


Ratio
Dev/Ref, Dynamic Range



10^0
unitless

Ratio
Dev/Ref, Fixed Range



10^0
unitless