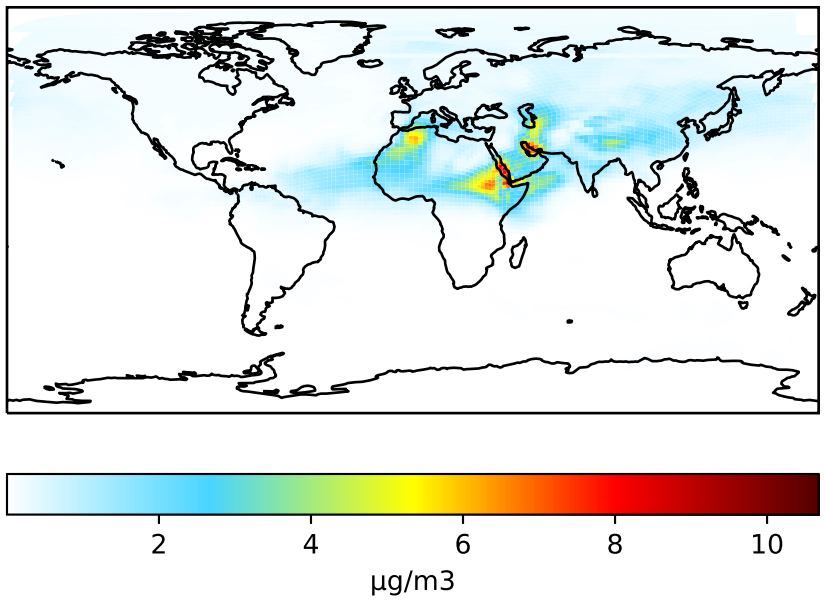
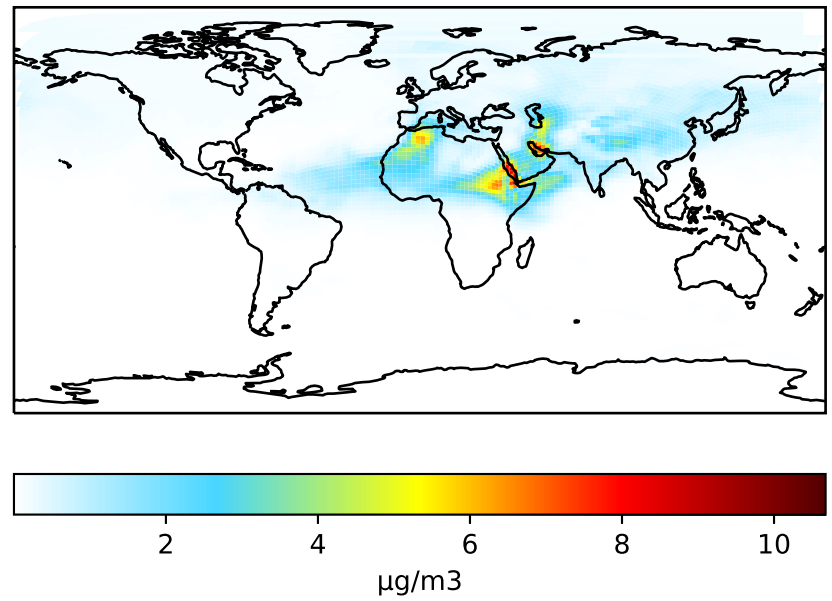
SpeciesConc_DST1

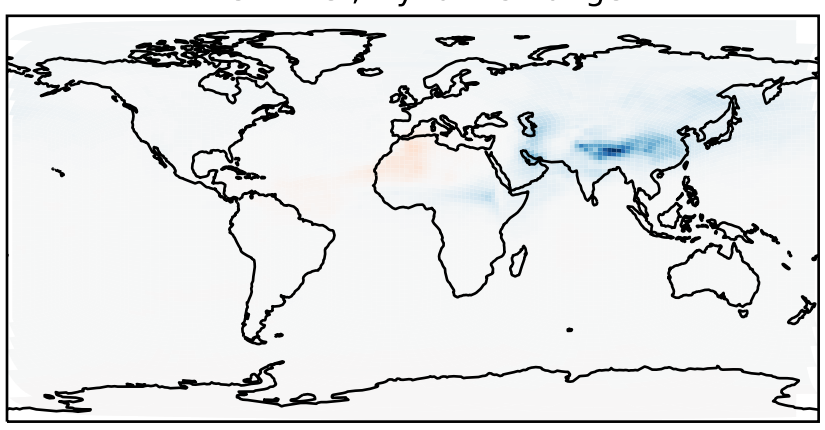
GCHP_13.2.0 (Ref)
c48

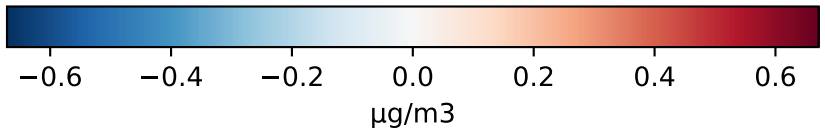


GCHP_13.3.0-rc.1 (Dev)
c48

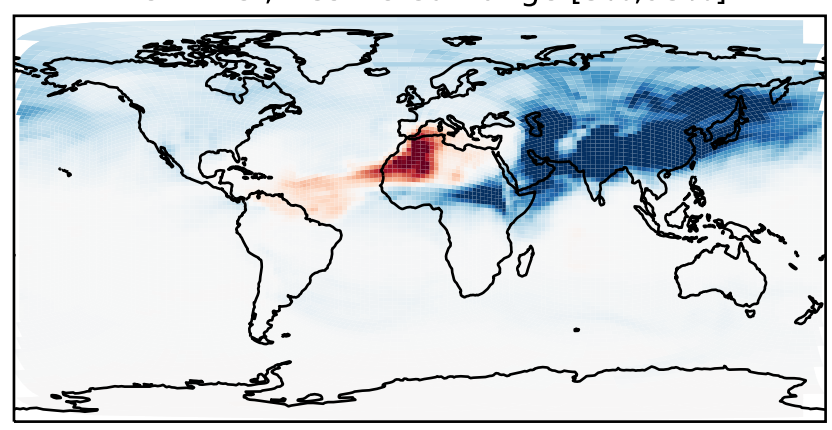


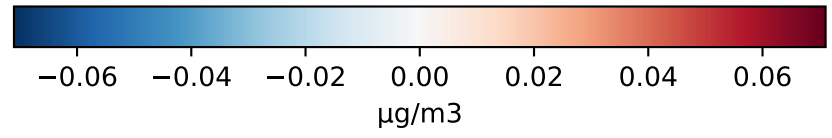
Difference
Dev - Ref, Dynamic Range



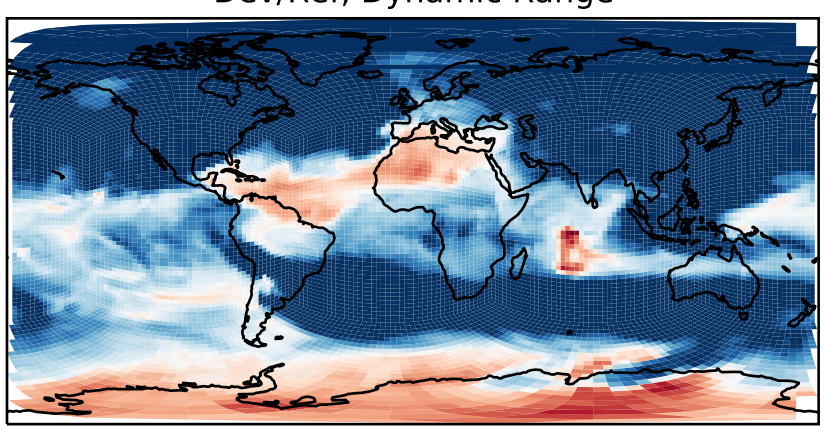


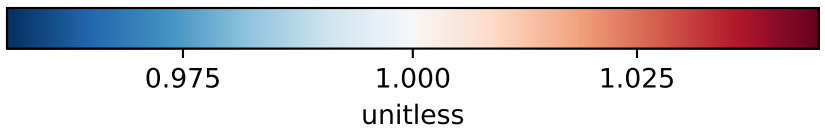
Difference
Dev - Ref, Restricted Range [5%,95%]



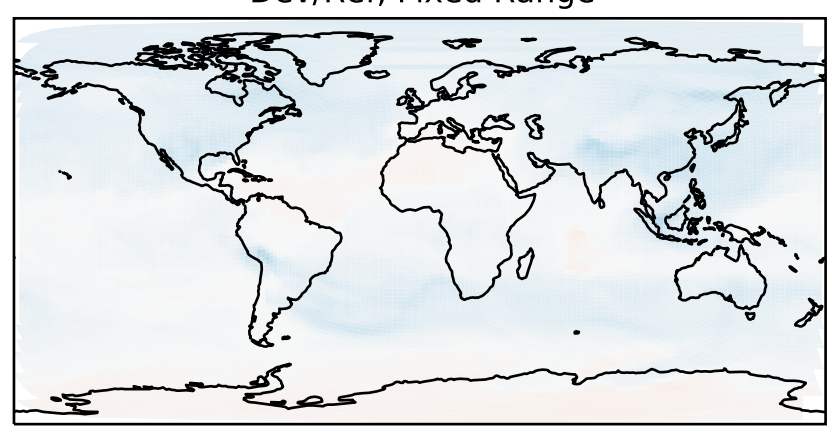


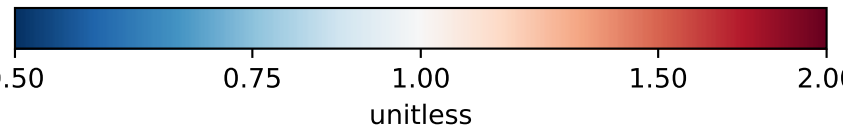
Ratio
Dev/Ref, Dynamic Range





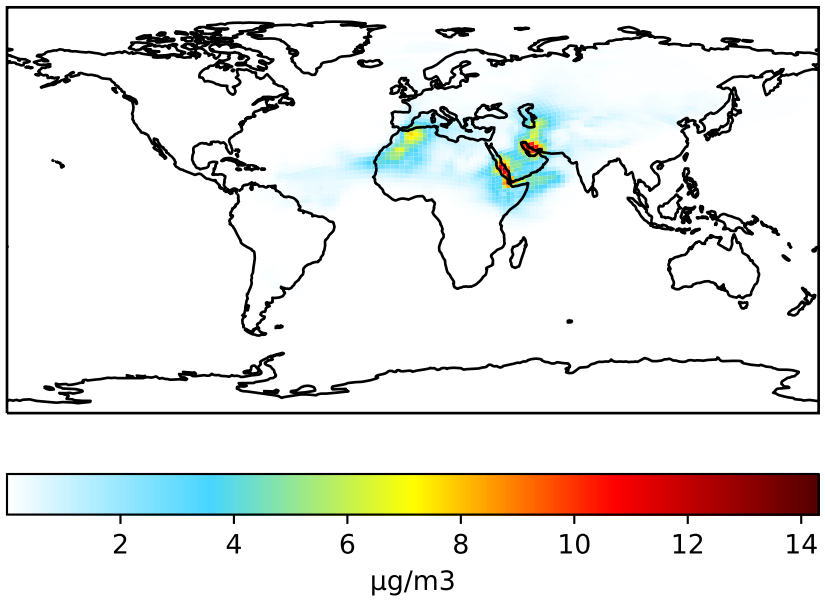
Ratio
Dev/Ref, Fixed Range



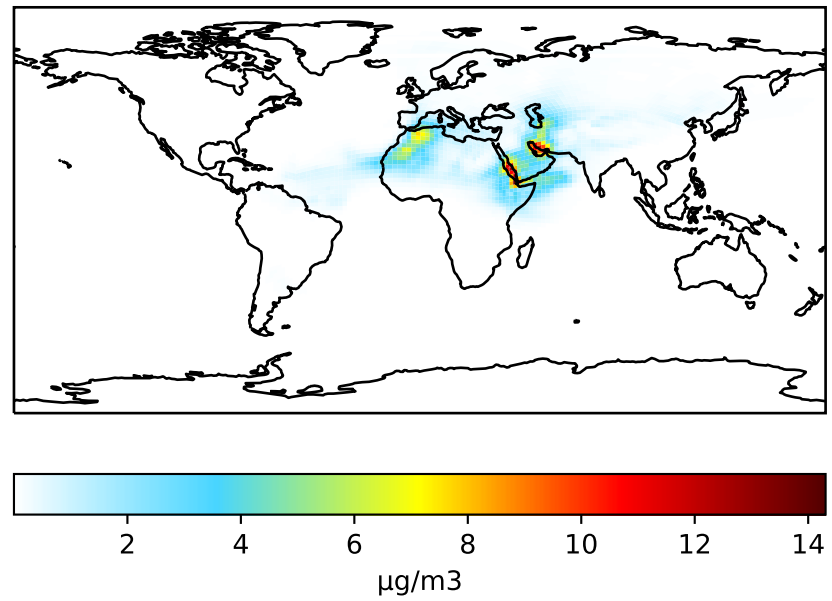


SpeciesConc_DST2

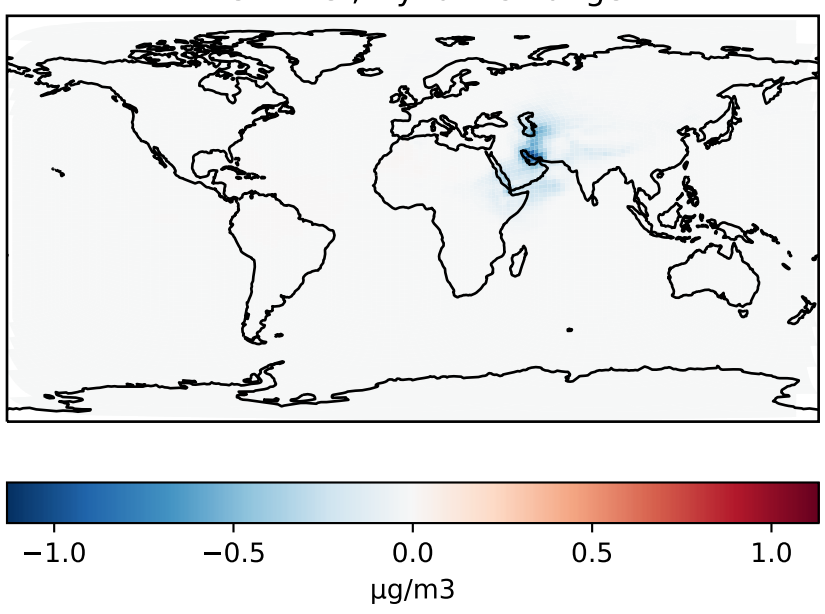
GCHP_13.2.0 (Ref)
c48



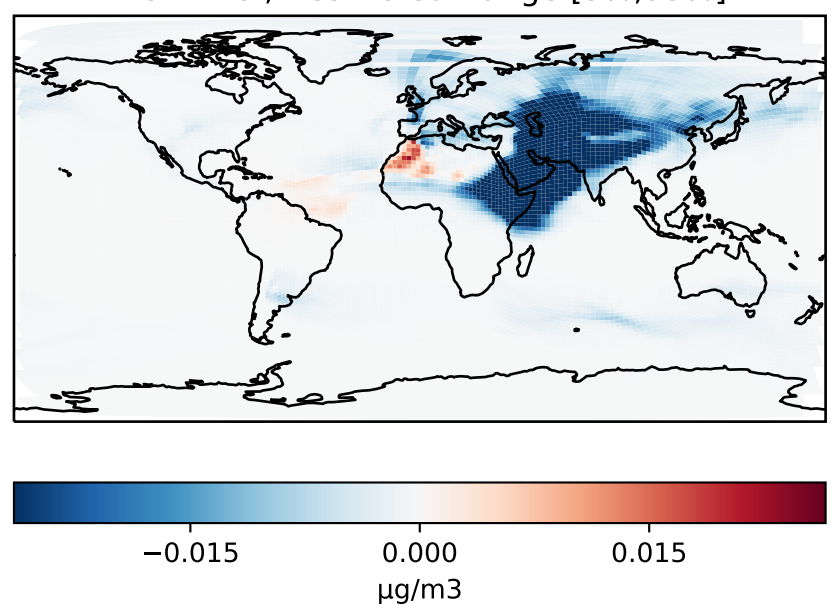
GCHP_13.3.0-rc.1 (Dev)
c48



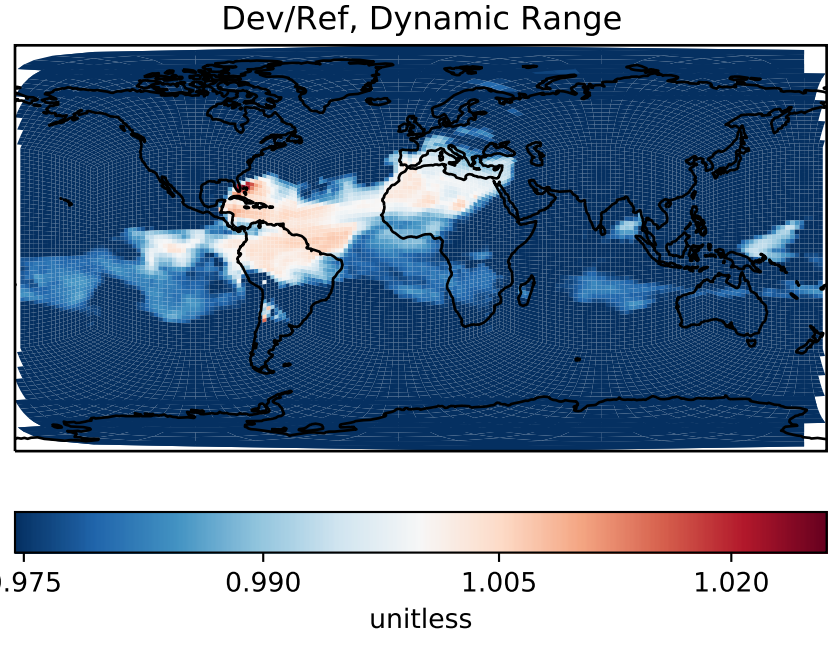
Difference
Dev - Ref, Dynamic Range



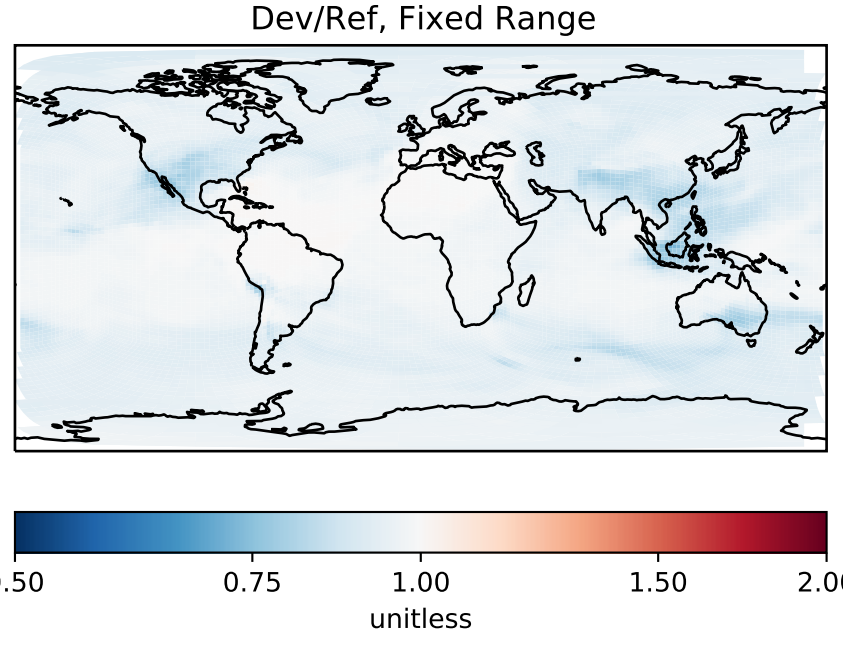
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

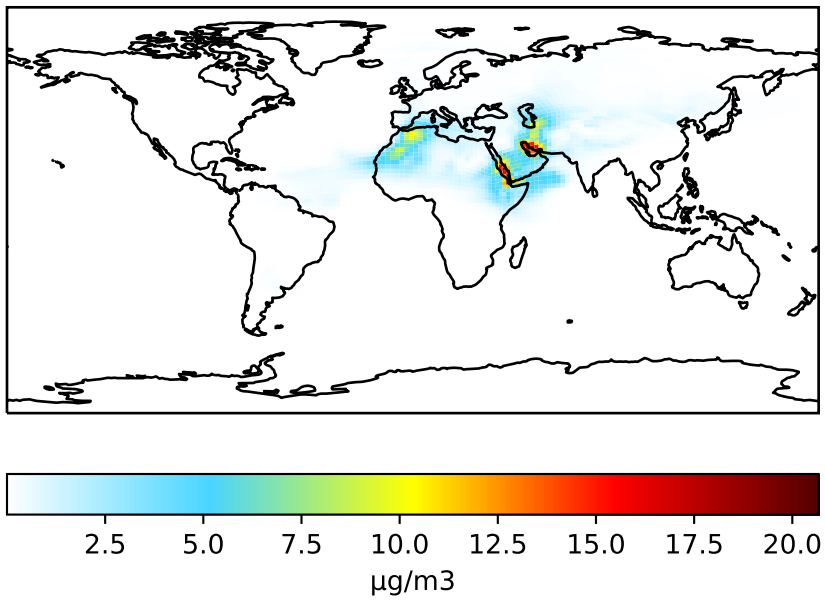


Ratio
Dev/Ref, Fixed Range

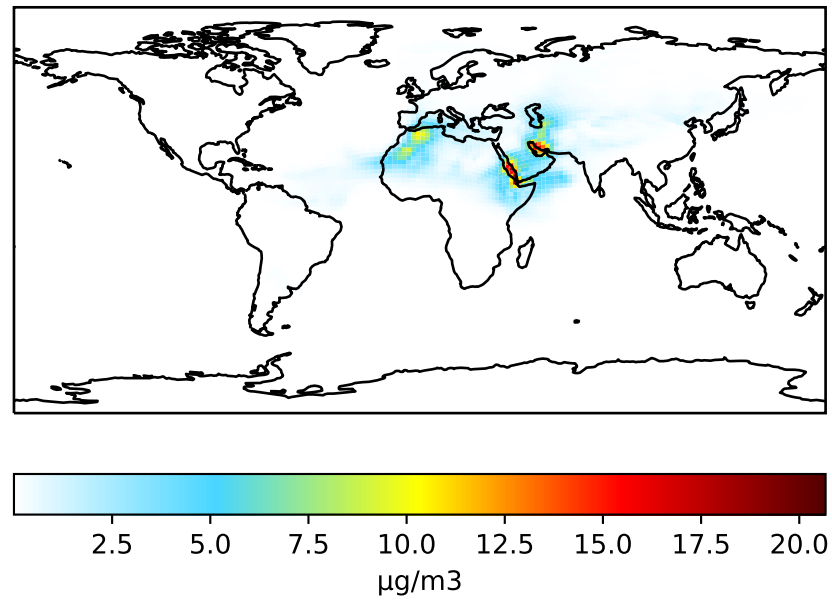


SpeciesConc_DST3

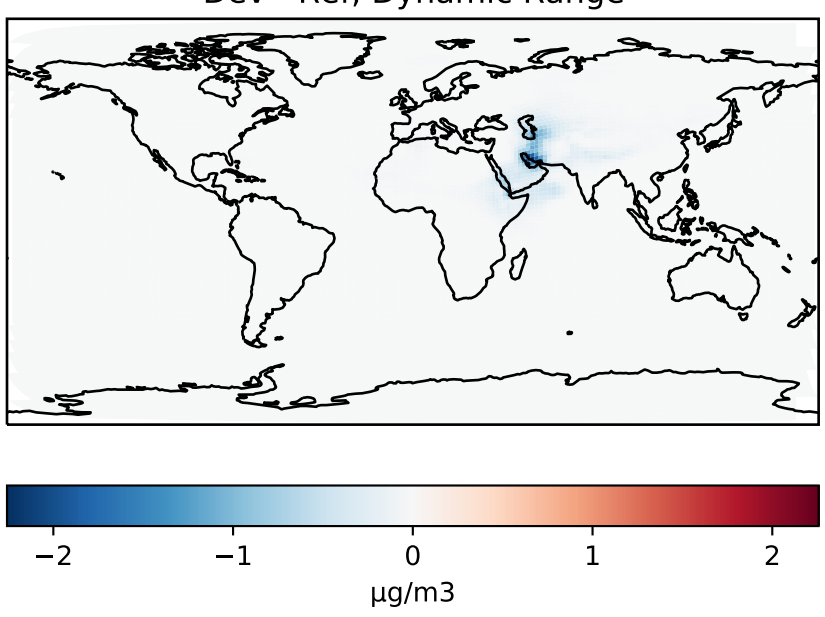
GCHP_13.2.0 (Ref)
c48



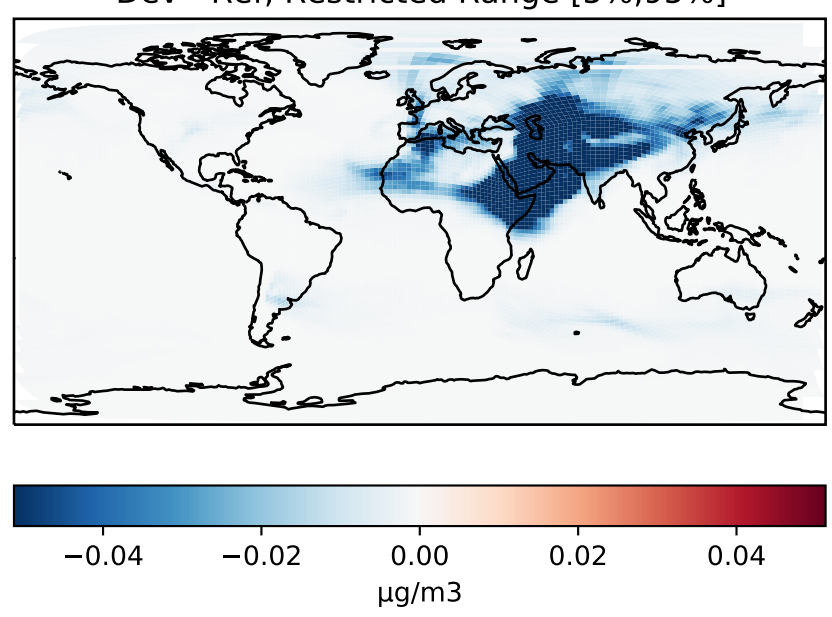
GCHP_13.3.0-rc.1 (Dev)
c48



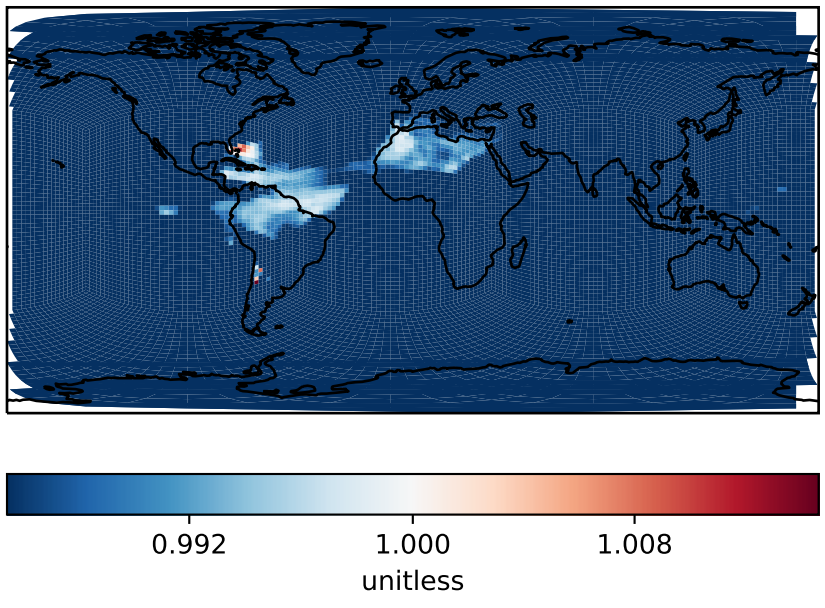
Difference
Dev - Ref, Dynamic Range



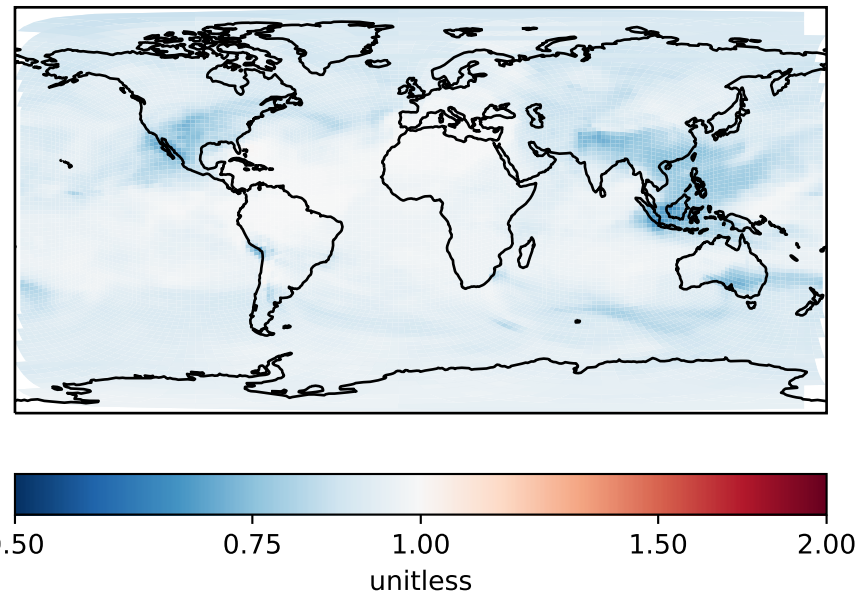
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

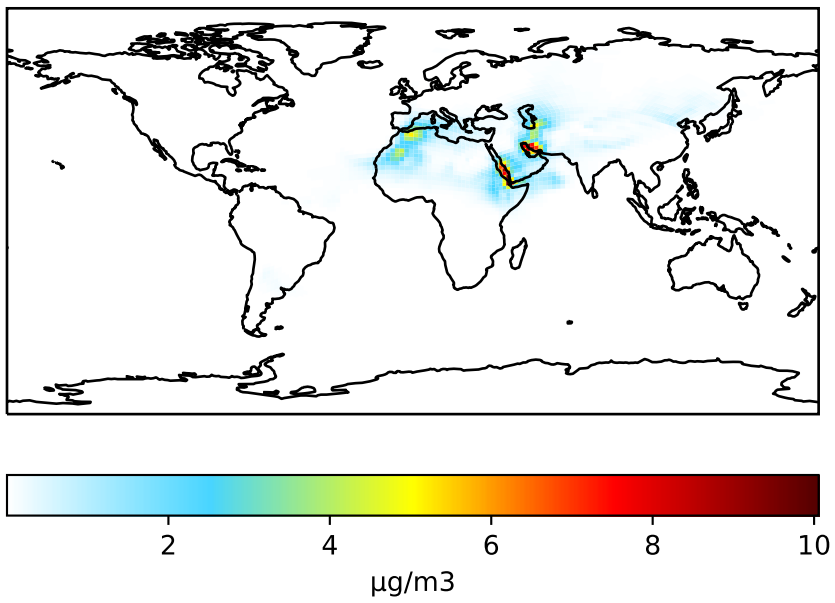


Ratio
Dev/Ref, Fixed Range

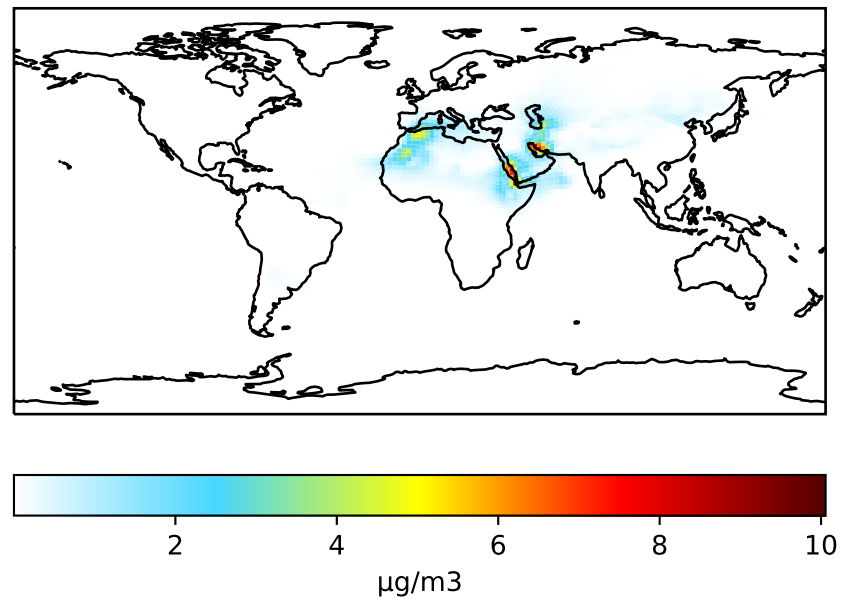


SpeciesConc_DST4

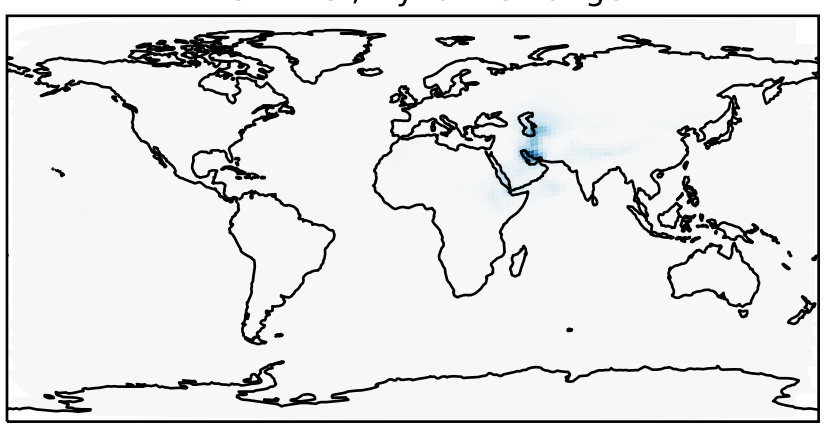
GCHP_13.2.0 (Ref)
c48

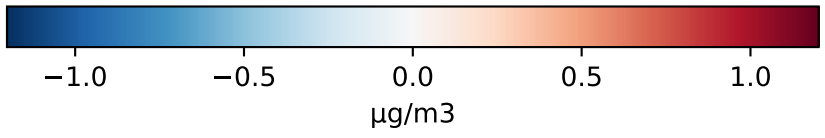


GCHP_13.3.0-rc.1 (Dev)
c48

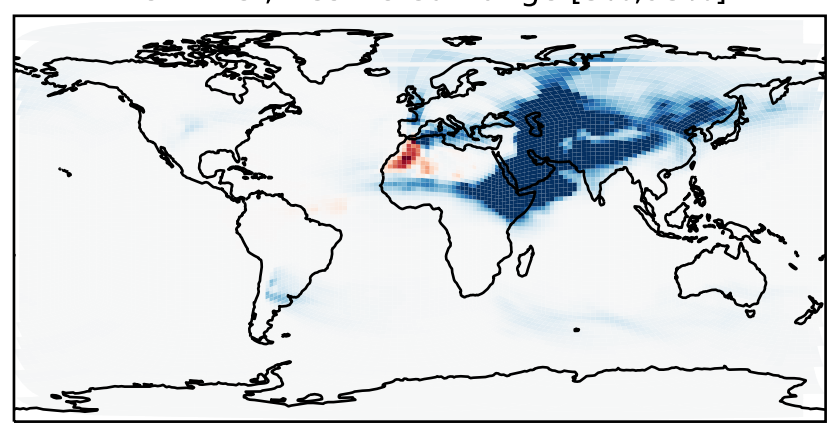


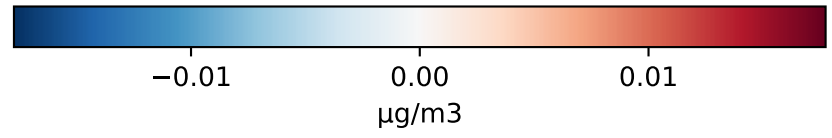
Difference
Dev - Ref, Dynamic Range



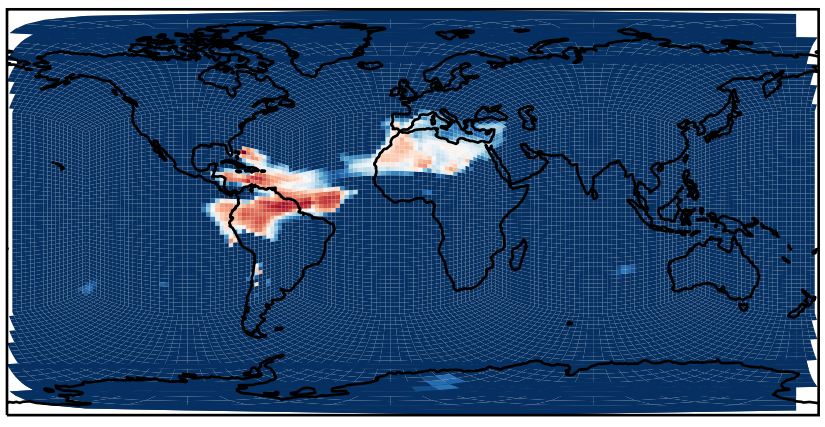


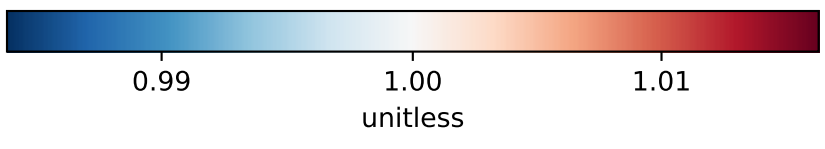
Difference
Dev - Ref, Restricted Range [5%,95%]



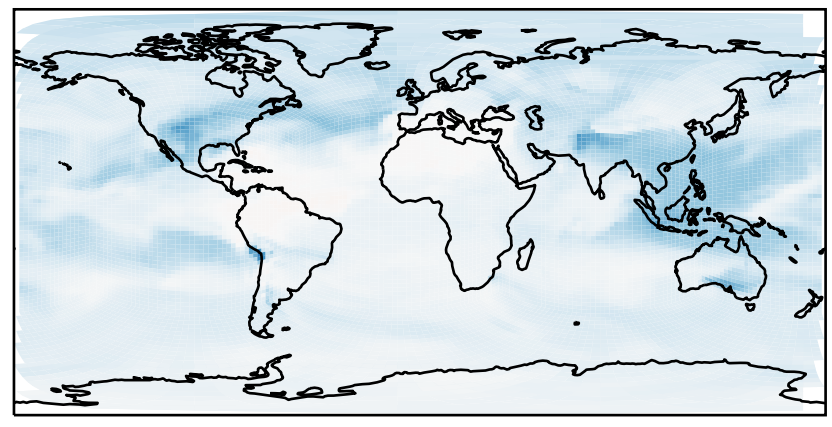


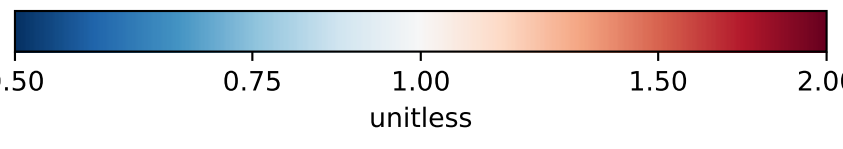
Ratio
Dev/Ref, Dynamic Range





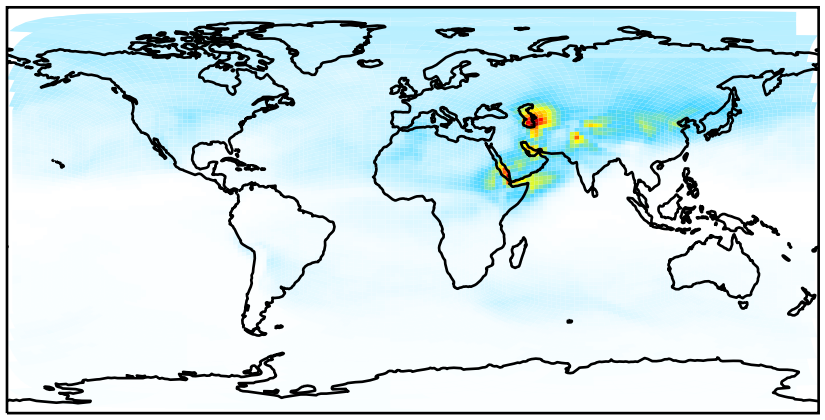
Ratio
Dev/Ref, Fixed Range

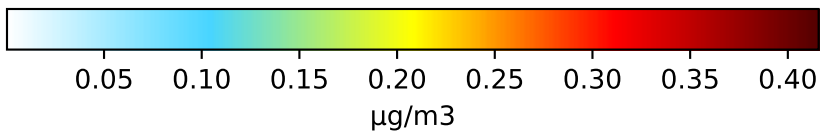




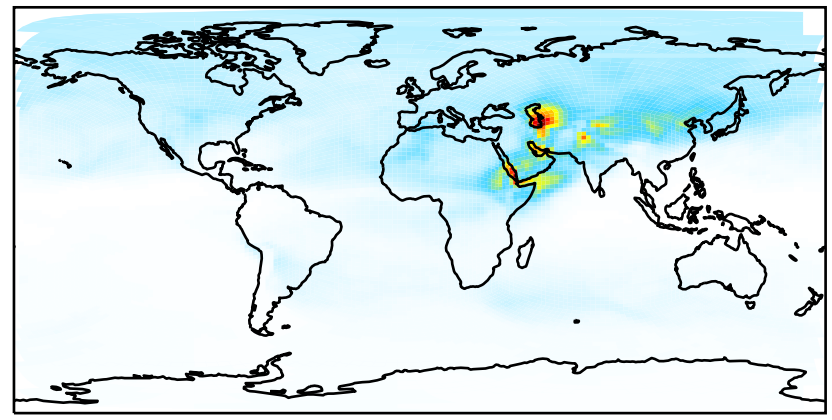
SpeciesConc_NH4

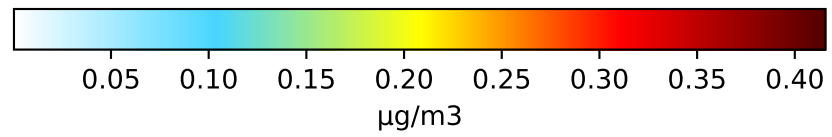
GCHP_13.2.0 (Ref)
c48



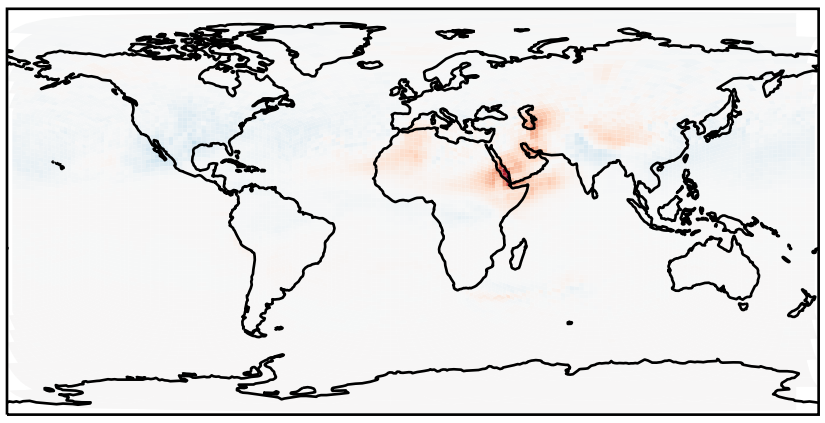


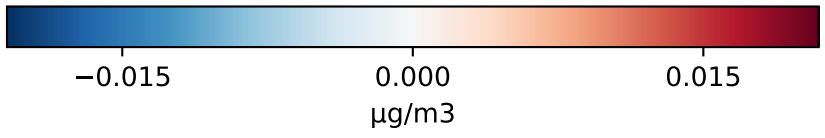
GCHP_13.3.0-rc.1 (Dev)
c48



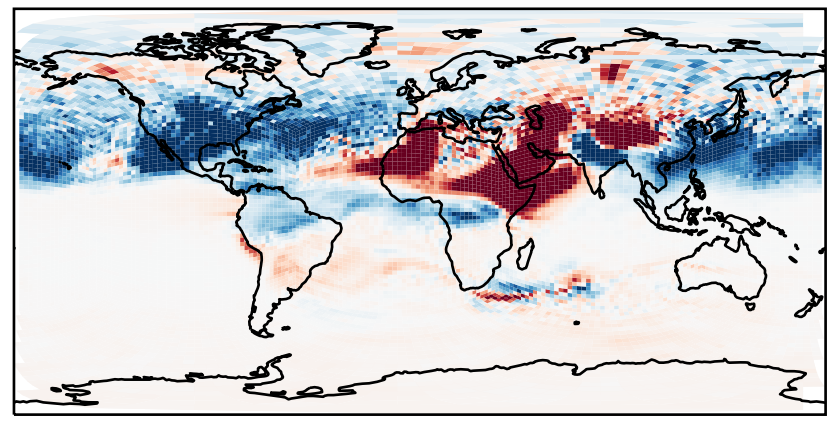


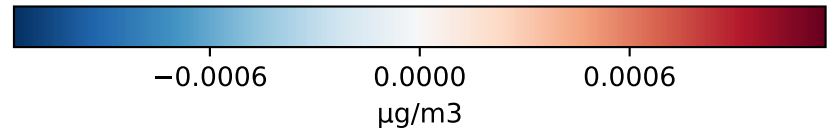
Difference
Dev - Ref, Dynamic Range



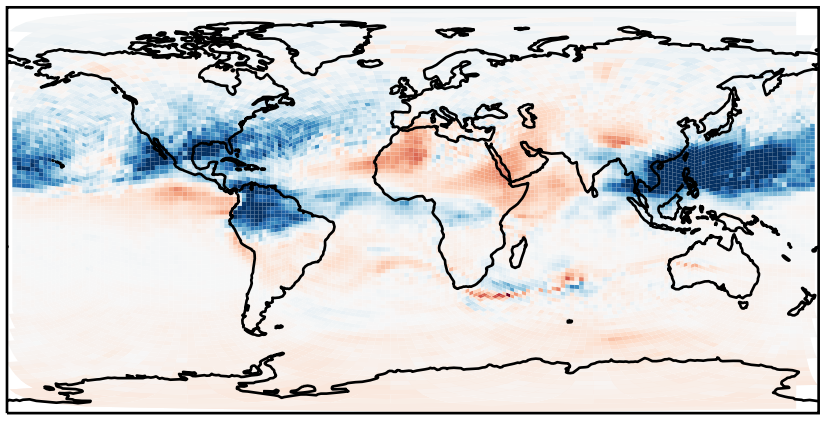


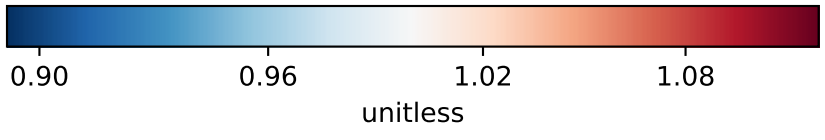
Difference
Dev - Ref, Restricted Range [5%,95%]



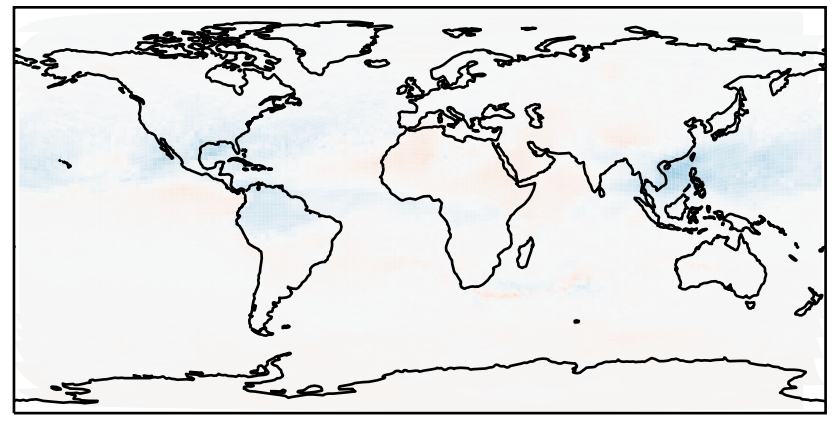


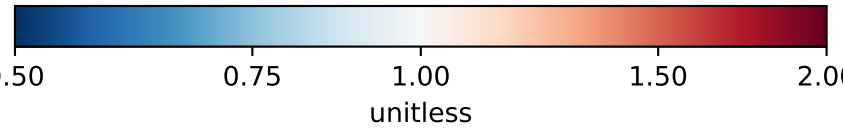
Ratio
Dev/Ref, Dynamic Range





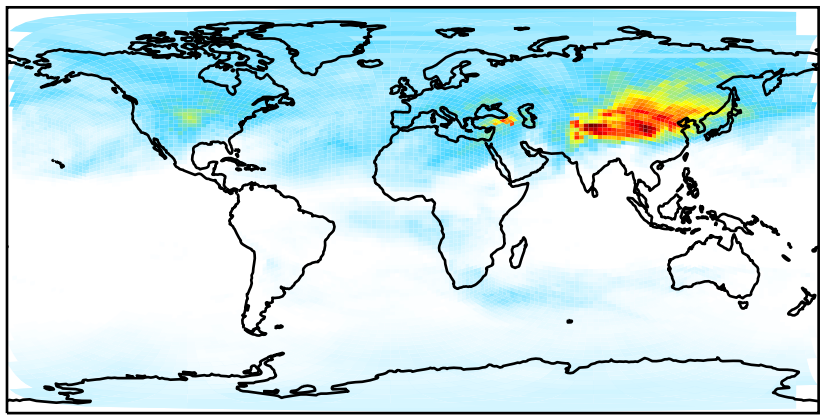
Ratio
Dev/Ref, Fixed Range

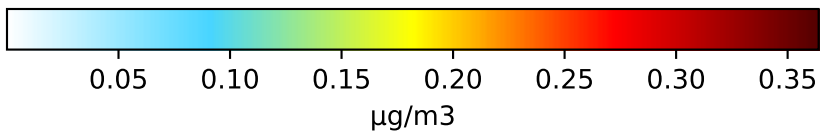




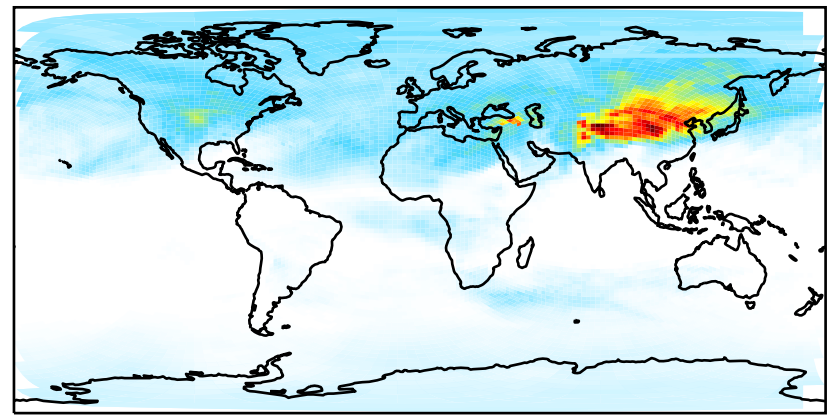
SpeciesConc_NIT

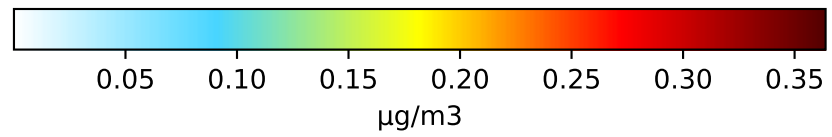
GCHP_13.2.0 (Ref)
c48



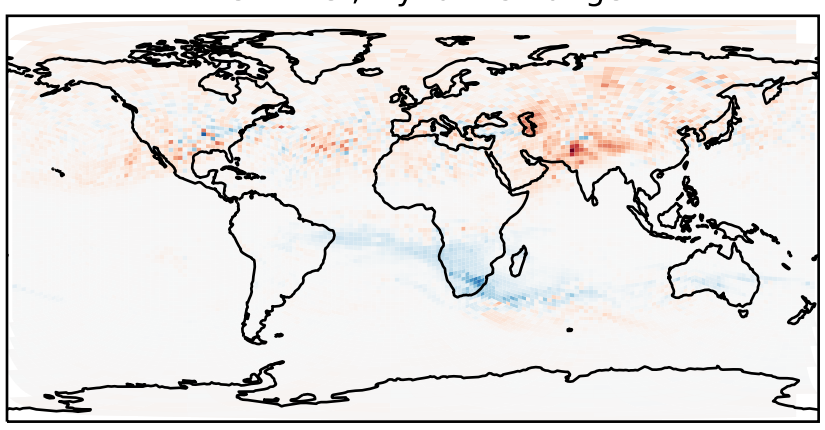


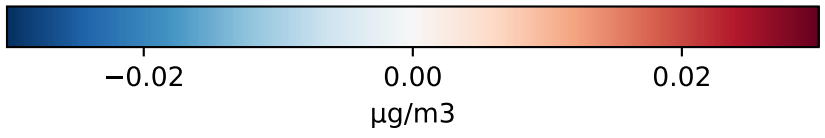
GCHP_13.3.0-rc.1 (Dev)
c48



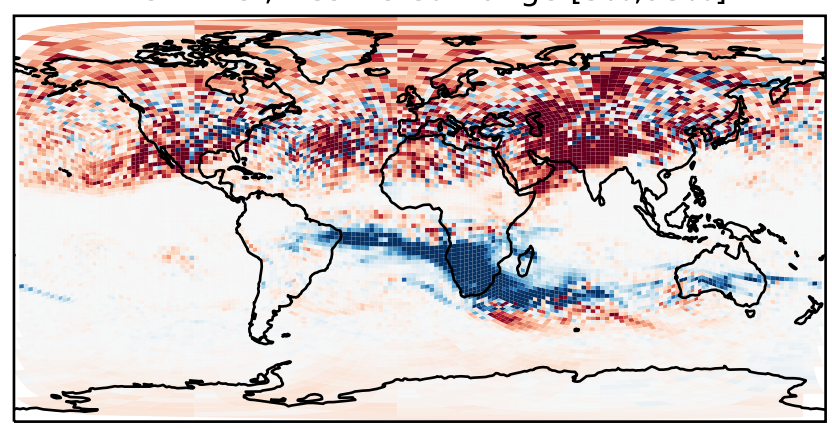


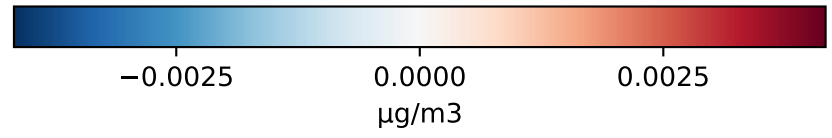
Difference
Dev - Ref, Dynamic Range



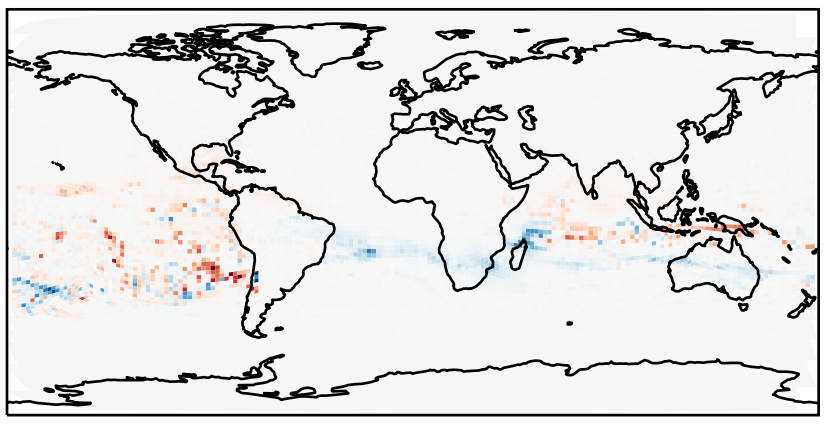


Difference
Dev - Ref, Restricted Range [5%,95%]



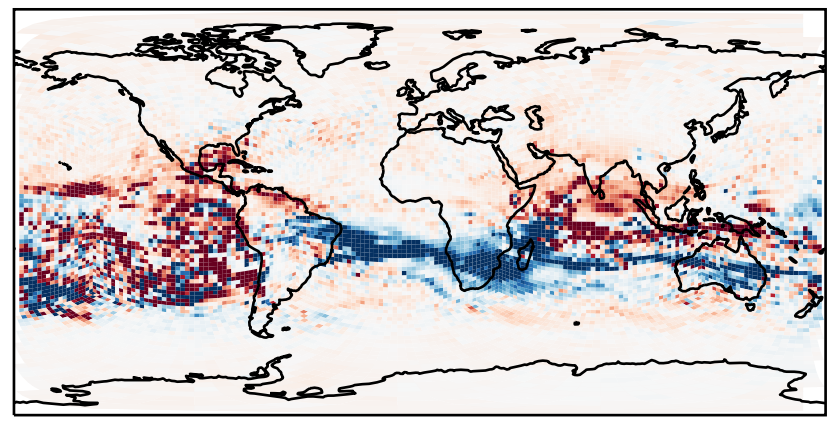


Ratio
Dev/Ref, Dynamic Range





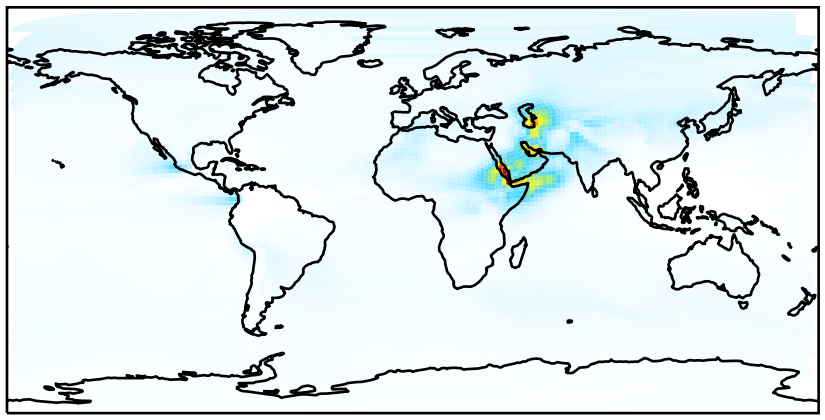
Ratio
Dev/Ref, Fixed Range

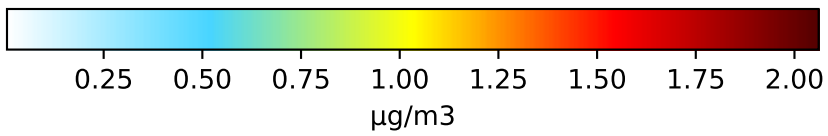




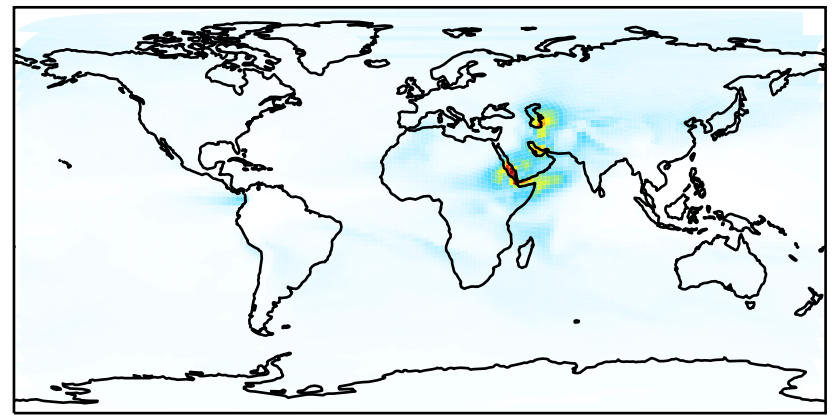
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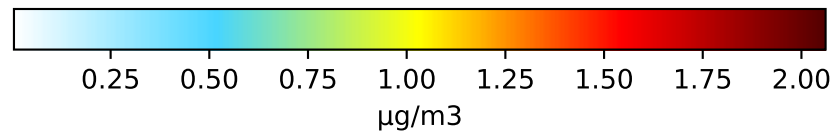
GCHP_13.2.0 (Ref)
c48



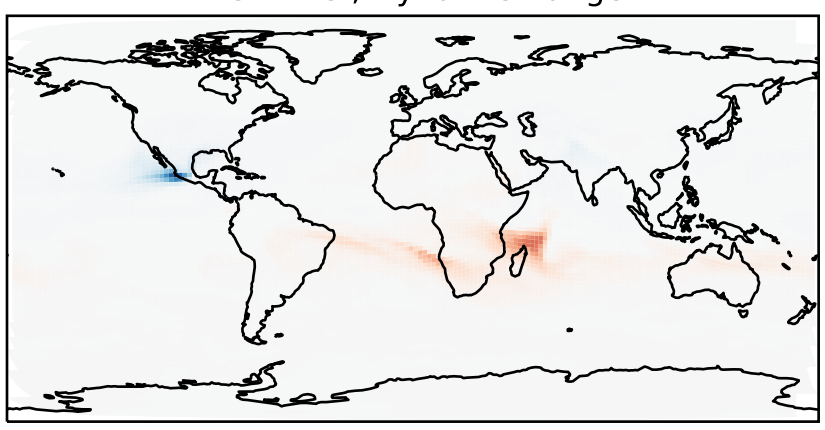


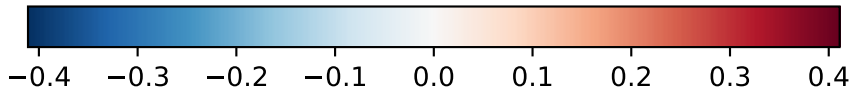
GCHP_13.3.0-rc.1 (Dev)
c48



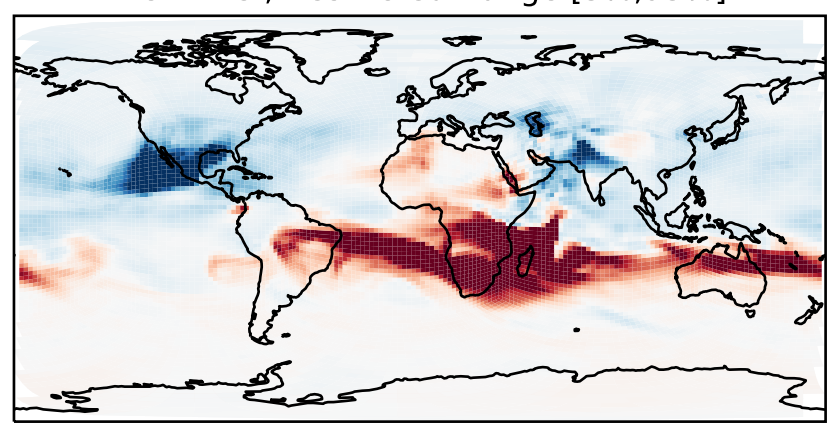


Difference
Dev - Ref, Dynamic Range



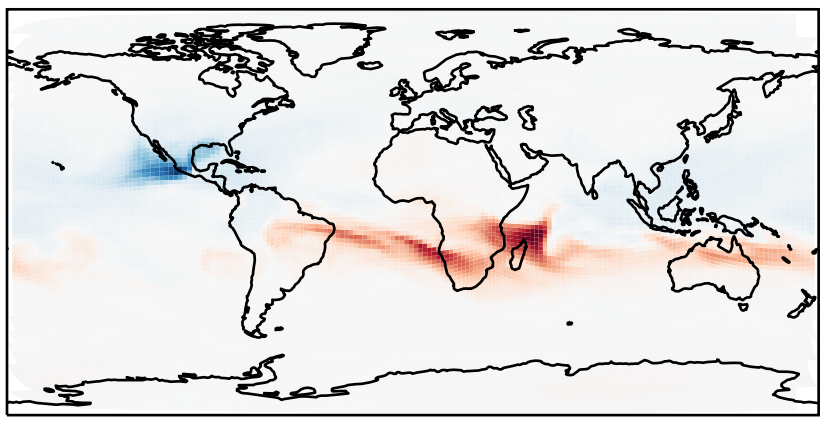


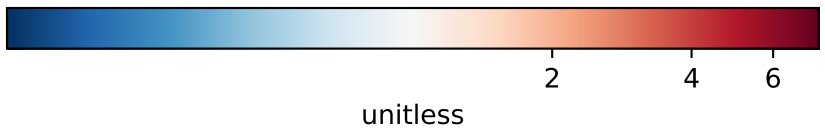
Difference
Dev - Ref, Restricted Range [5%,95%]



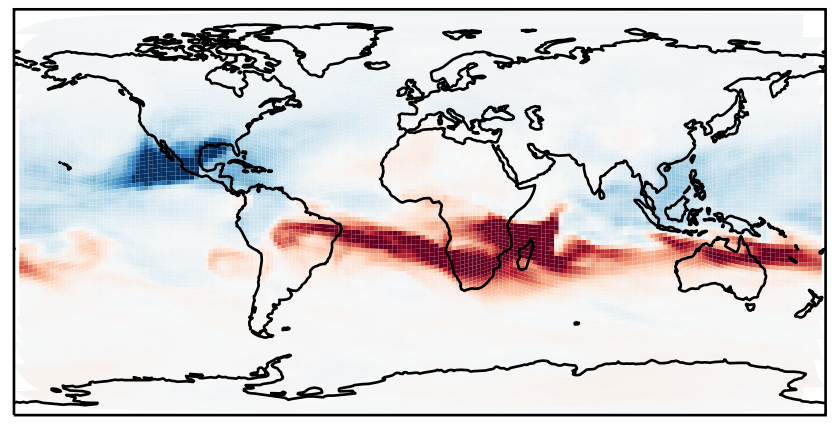


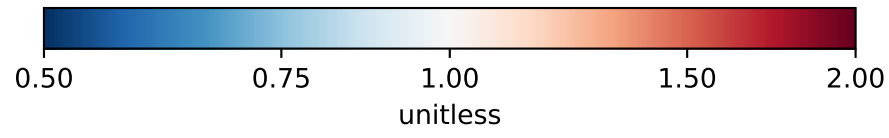
Ratio
Dev/Ref, Dynamic Range





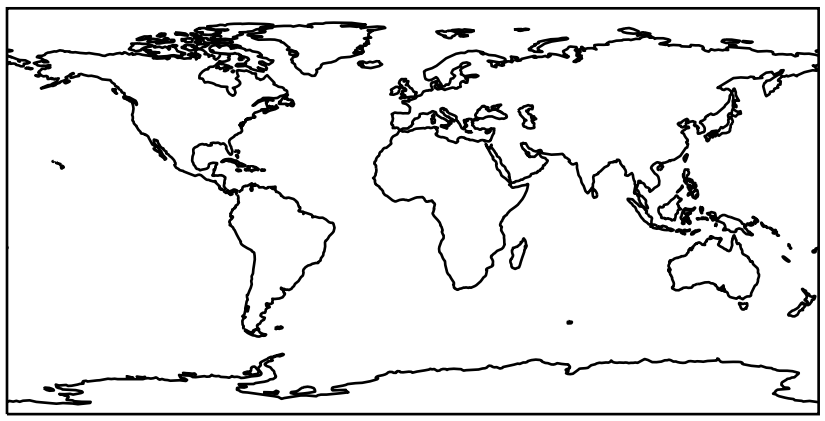
Ratio
Dev/Ref, Fixed Range





SpeciesConc_HMS

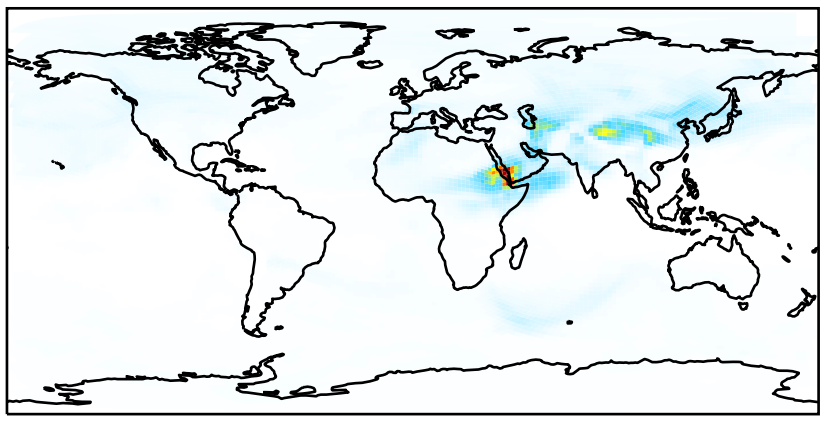
GCHP_13.2.0 (Ref)
c48





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µg/m3

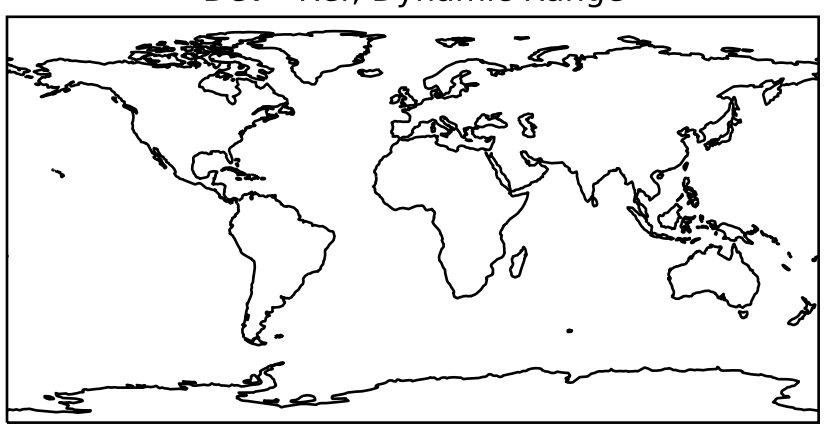
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c48





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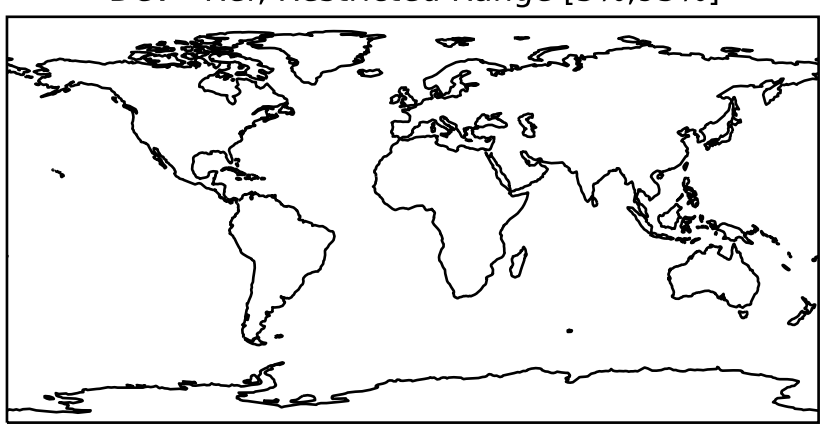
Difference
Dev - Ref, Dynamic Range





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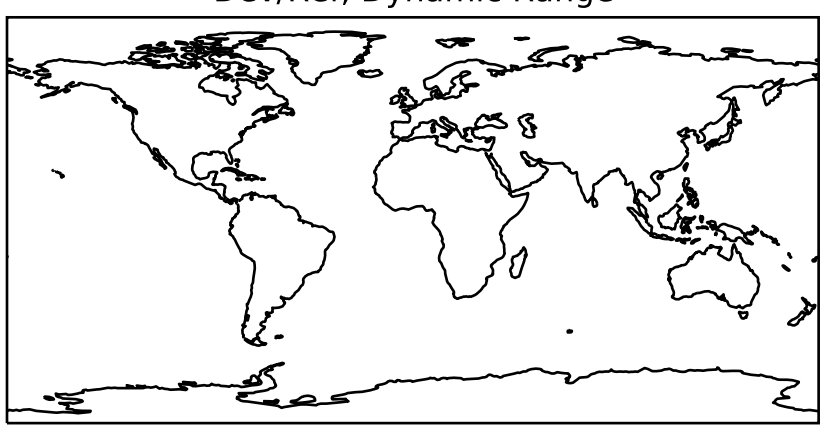
Difference
Dev - Ref, Restricted Range [5%,95%]





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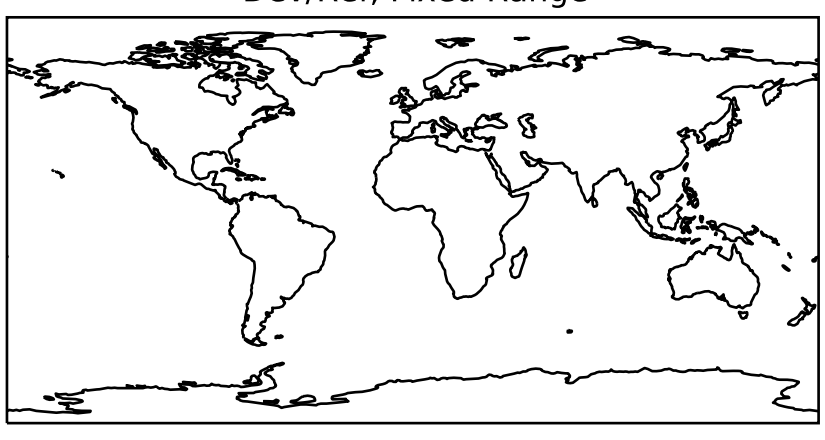
Ratio
Dev/Ref, Dynamic Range





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Ratio
Dev/Ref, Fixed Range

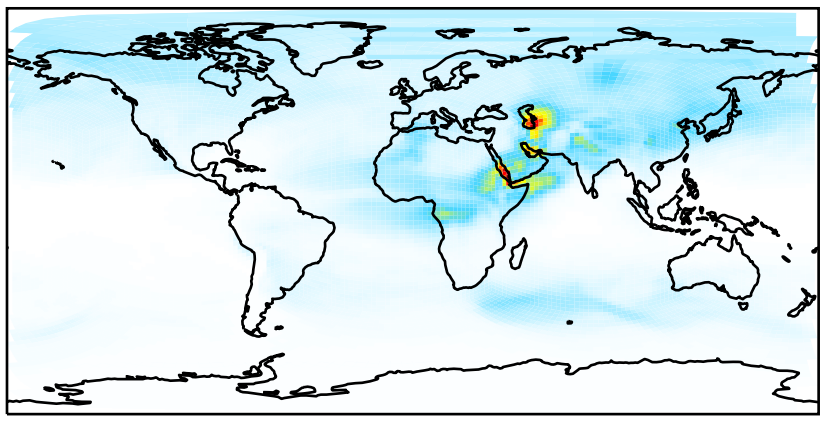


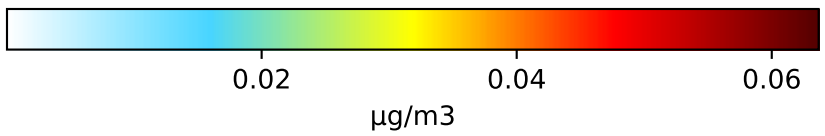


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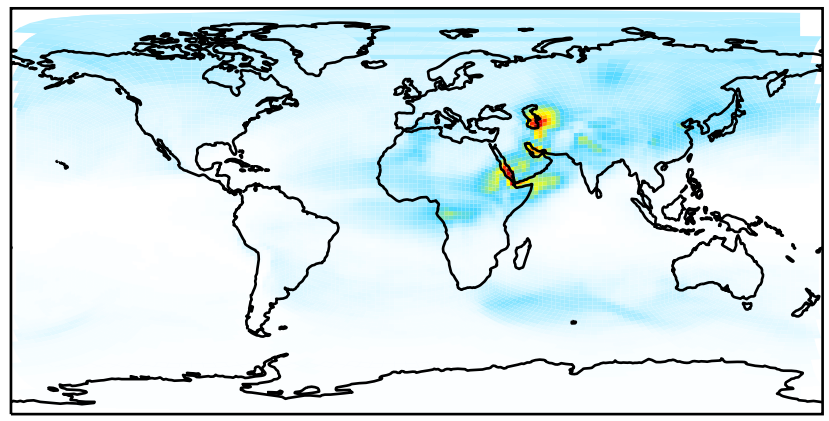
SpeciesConc_BCPI

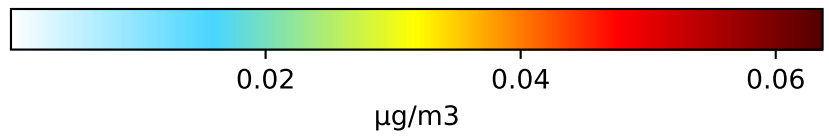
GCHP_13.2.0 (Ref)
c48



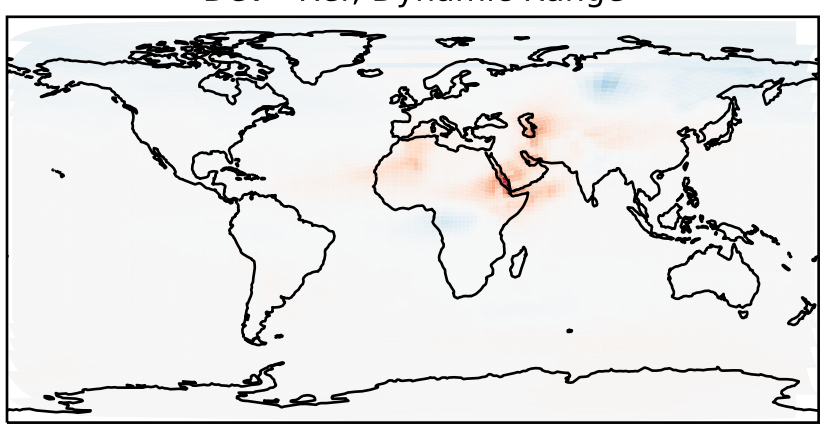


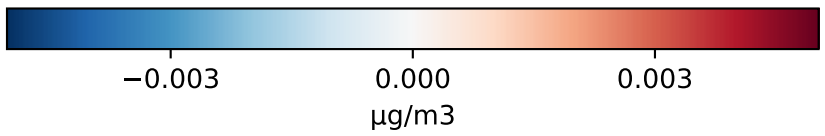
GCHP_13.3.0-rc.1 (Dev)
c48



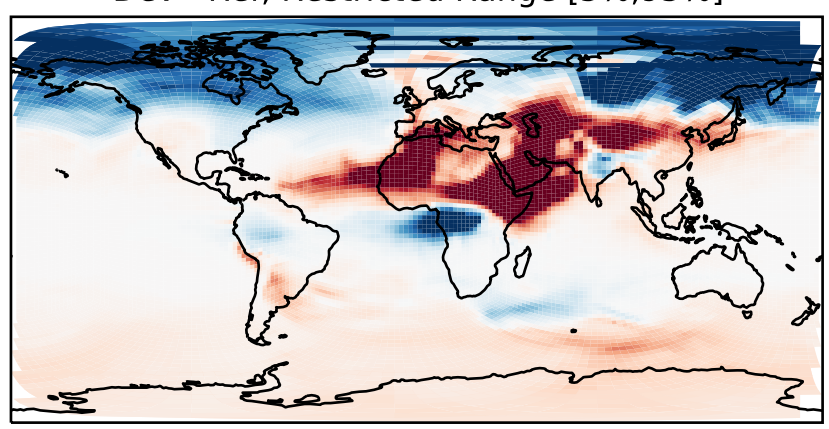


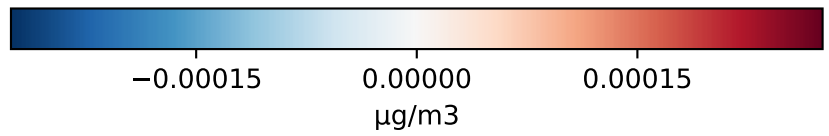
Difference
Dev - Ref, Dynamic Range



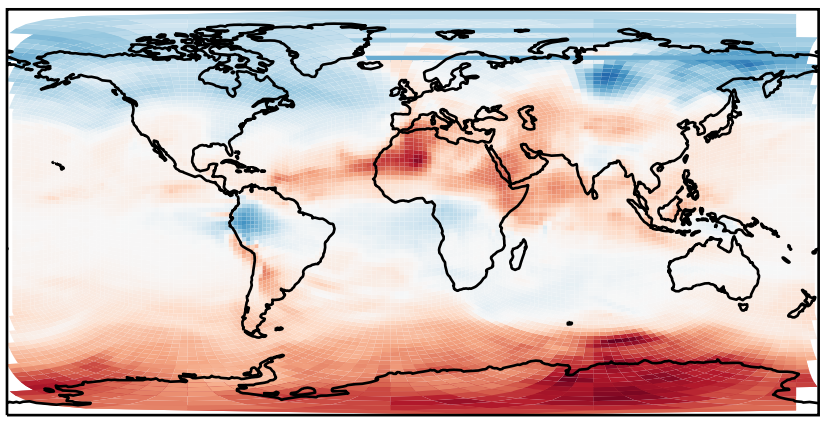


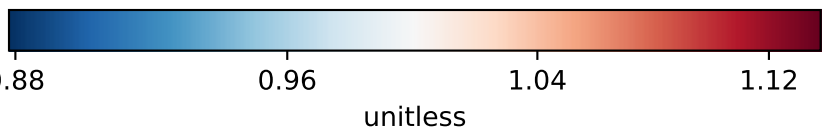
Difference
Dev - Ref, Restricted Range [5%,95%]



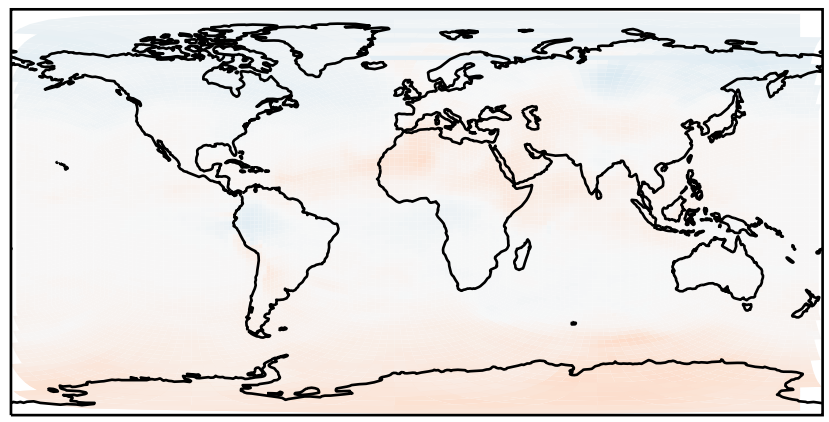


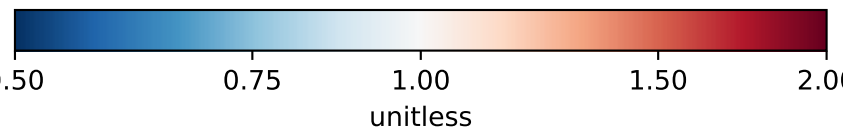
Ratio
Dev/Ref, Dynamic Range





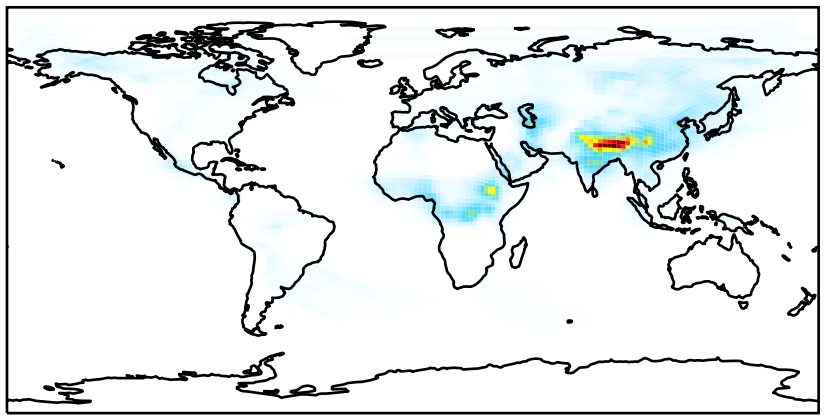
Ratio
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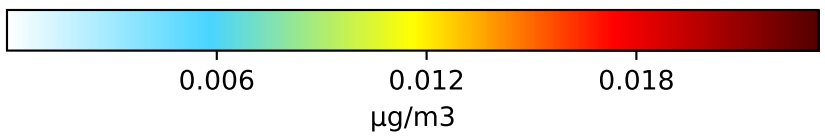




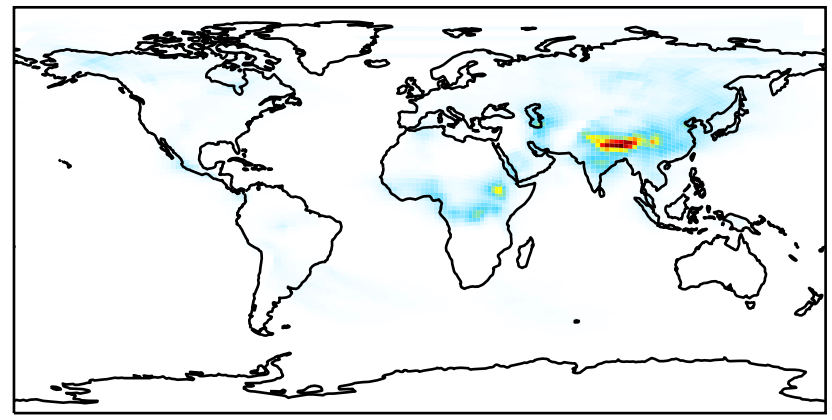
SpeciesConc_BCPO

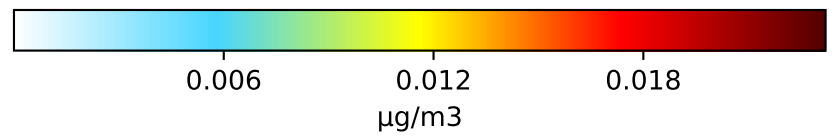
GCHP_13.2.0 (Ref)
c48



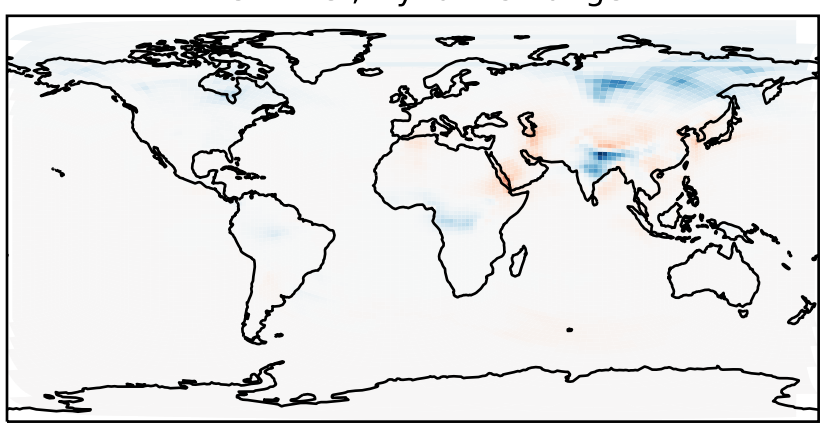


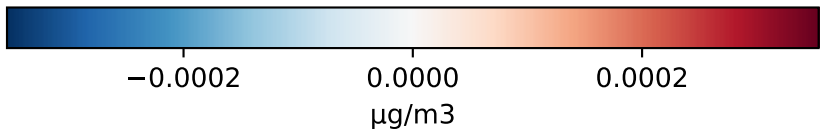
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c48



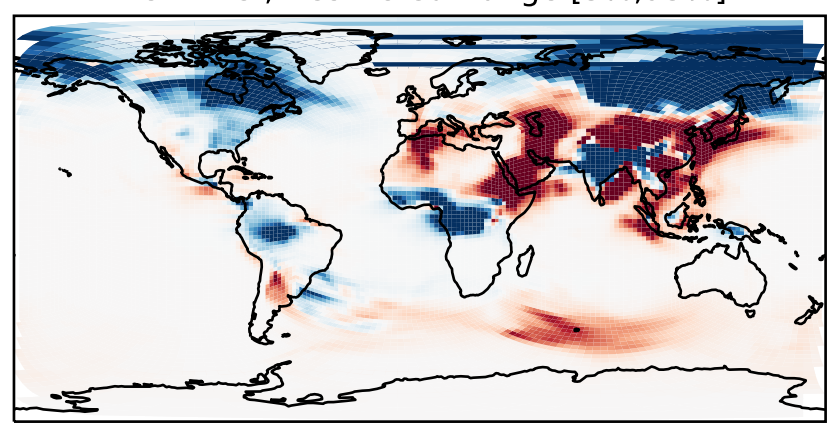


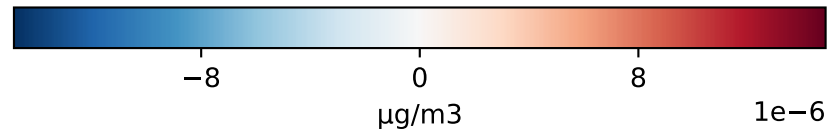
Difference
Dev - Ref, Dynamic Range



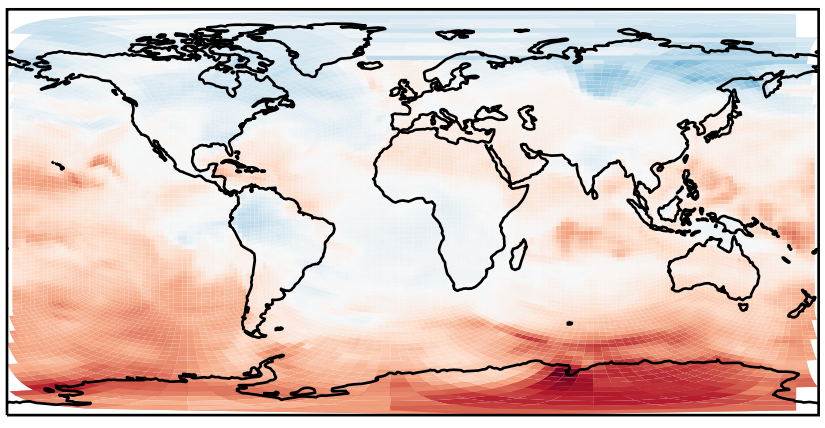


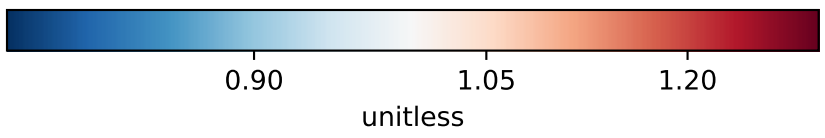
Difference
Dev - Ref, Restricted Range [5%,95%]



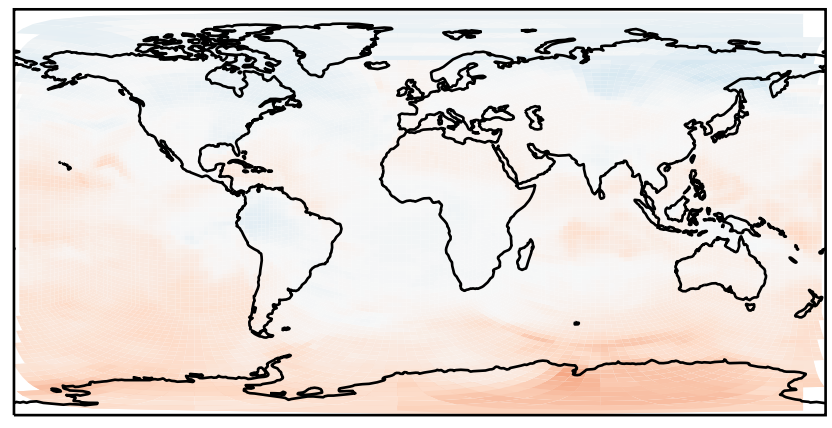


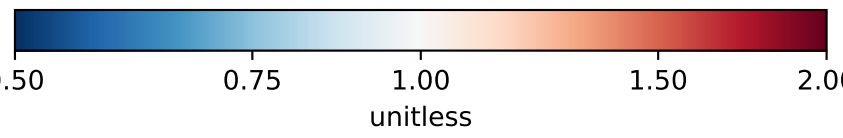
Ratio
Dev/Ref, Dynamic Range





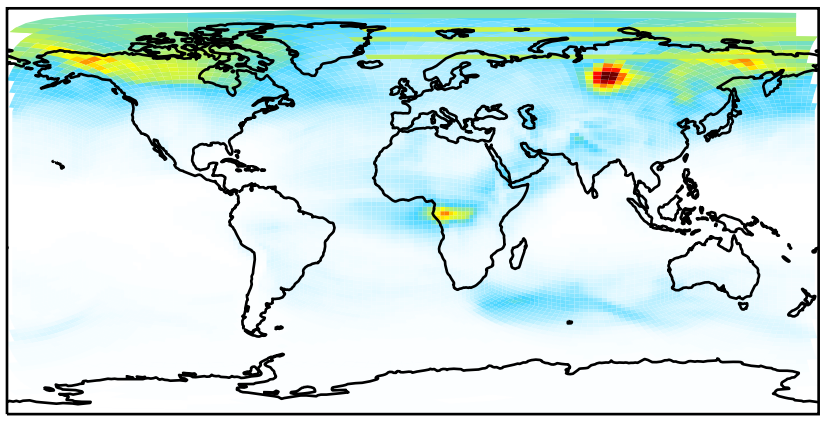
Ratio
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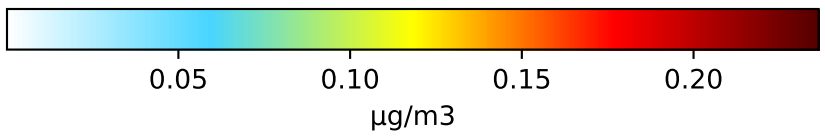




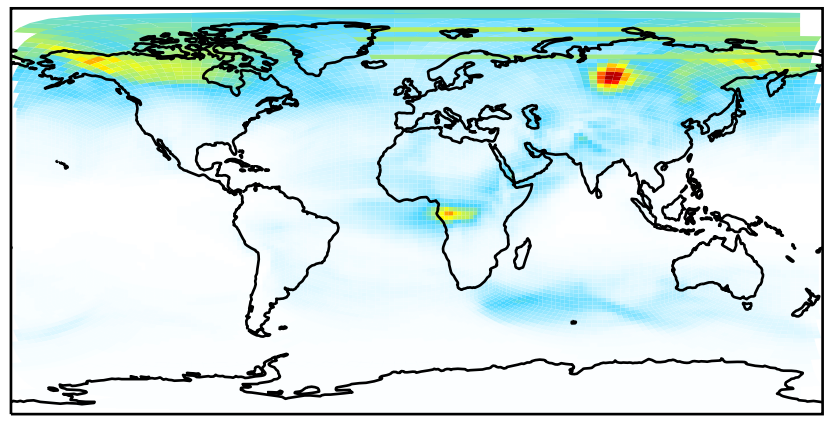
SpeciesConc_OCPI

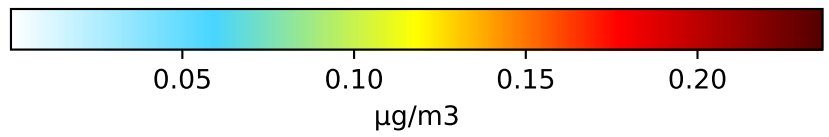
GCHP_13.2.0 (Ref)
c48



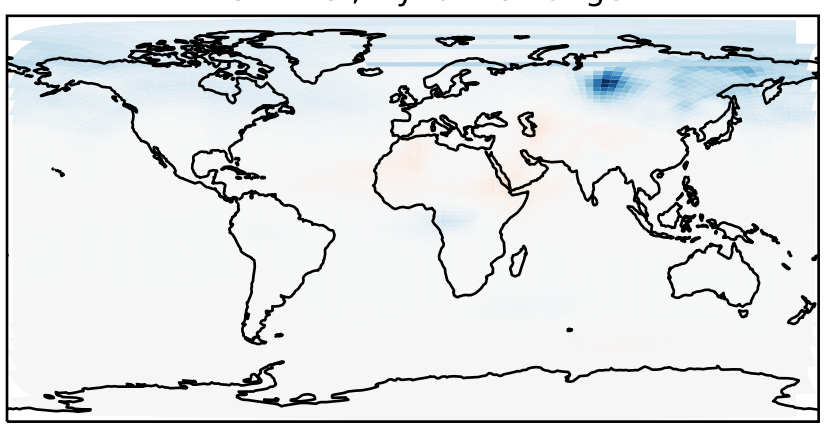


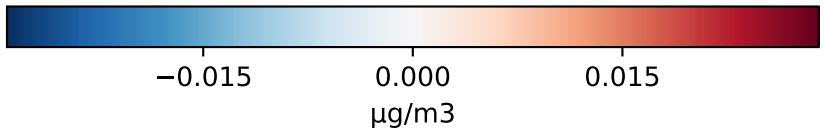
GCHP_13.3.0-rc.1 (Dev)
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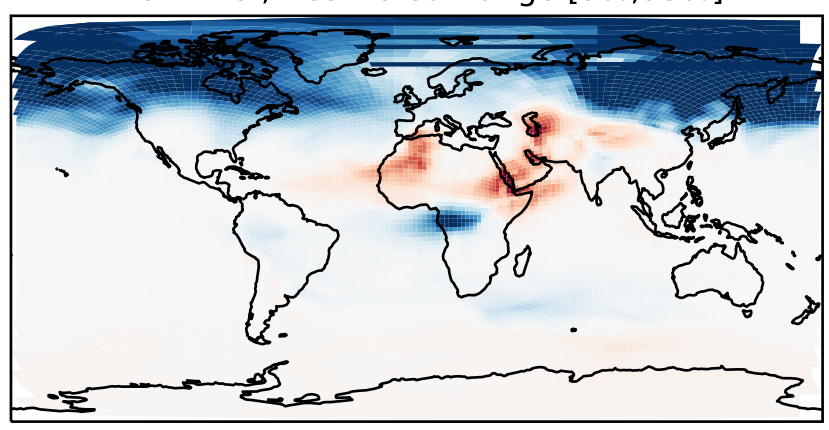


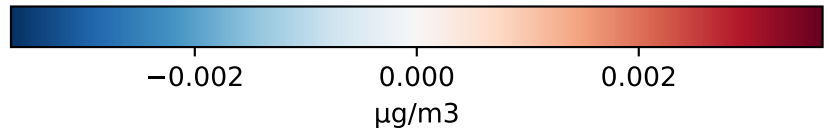
Difference
Dev - Ref, Dynamic Range



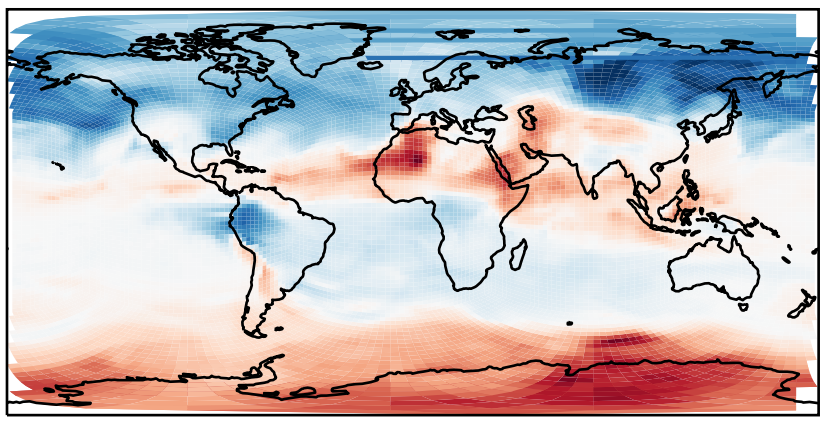


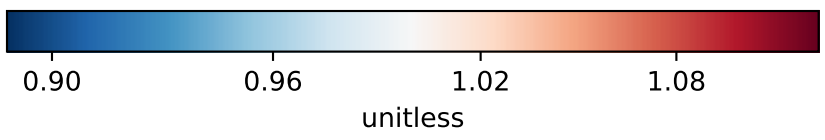
Difference
Dev - Ref, Restricted Range [5%,95%]



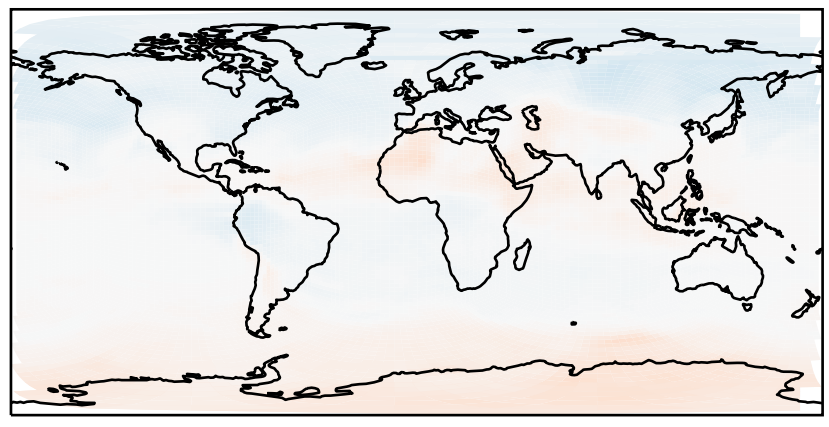


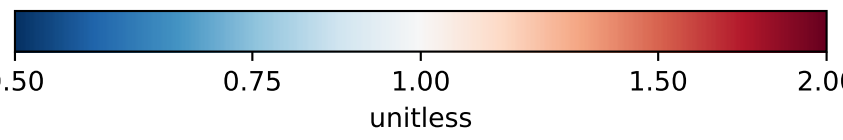
Ratio
Dev/Ref, Dynamic Range





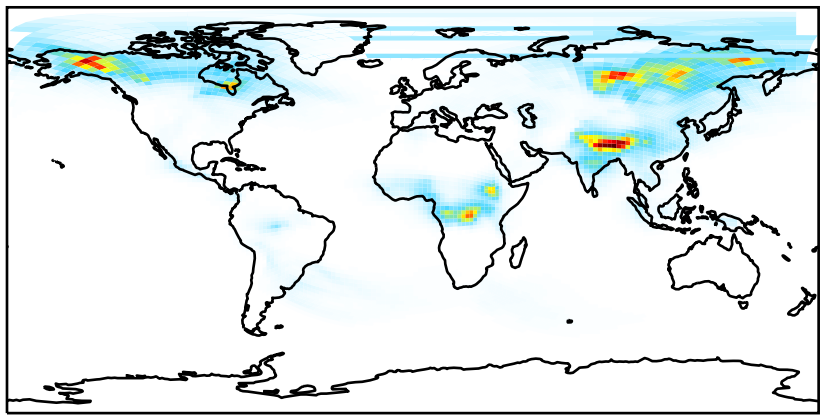
Ratio
Dev/Ref, Fixed Range

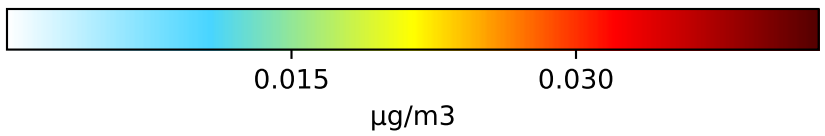




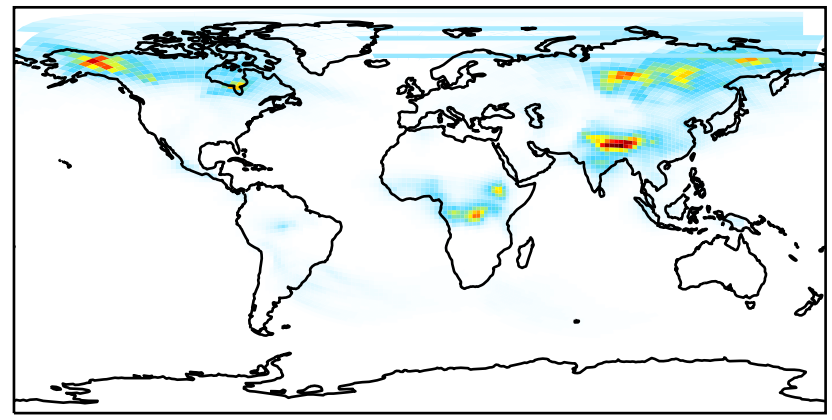
SpeciesConc_OCPO

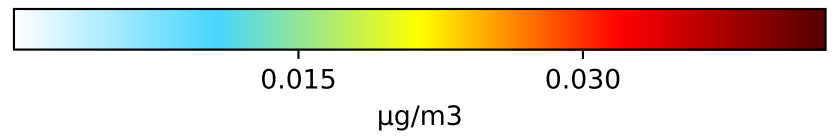
GCHP_13.2.0 (Ref)
c48



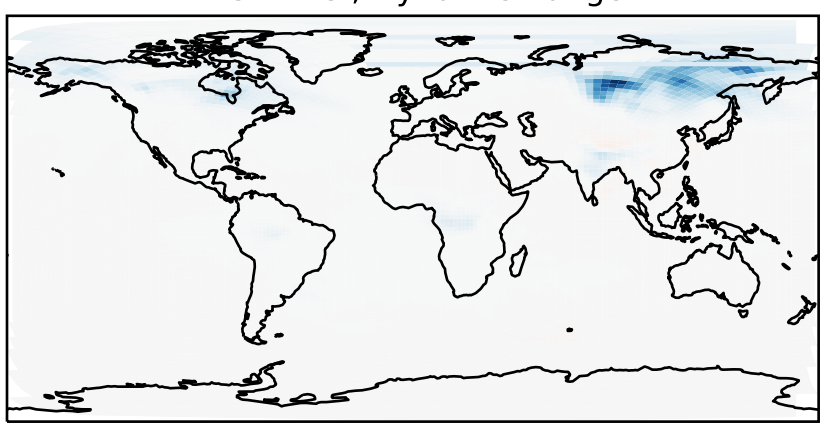


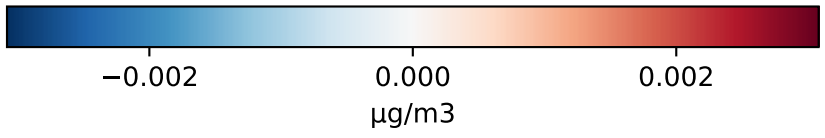
GCHP_13.3.0-rc.1 (Dev)
c48



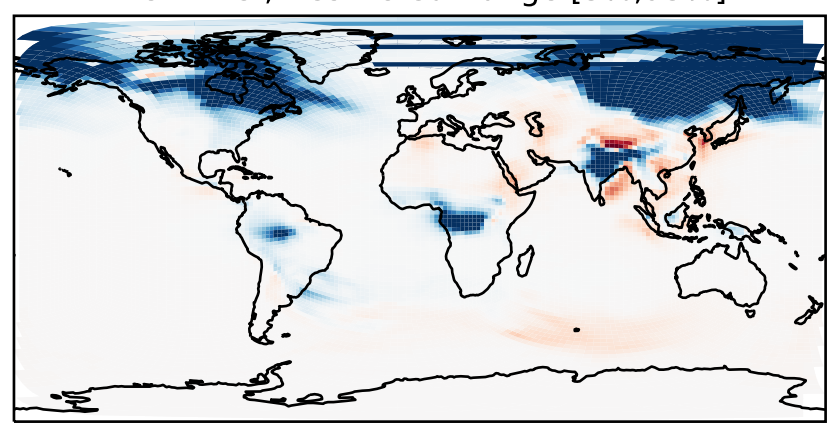


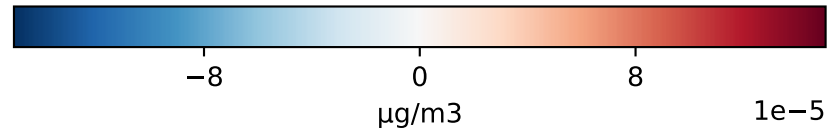
Difference
Dev - Ref, Dynamic Range



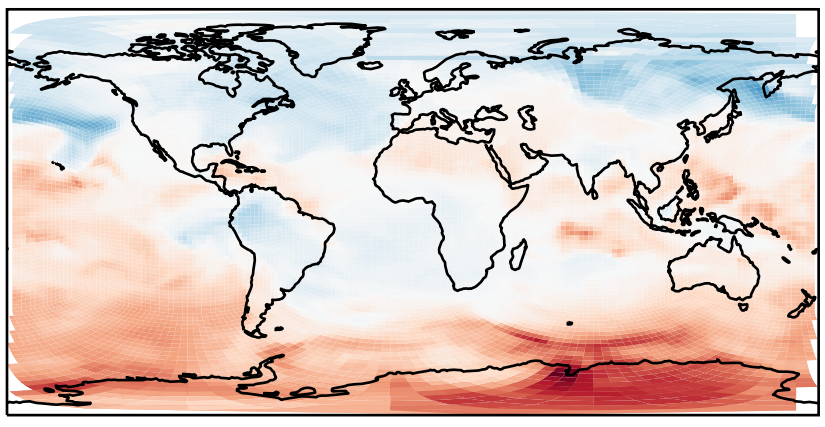


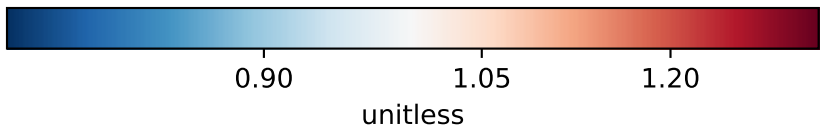
Difference
Dev - Ref, Restricted Range [5%,95%]



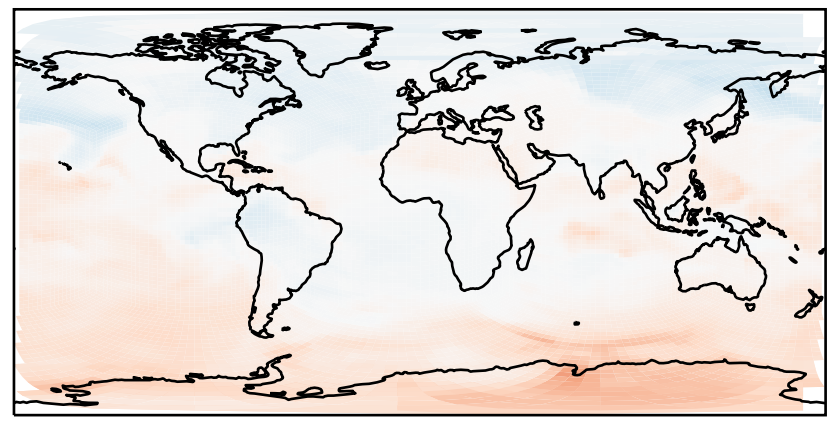


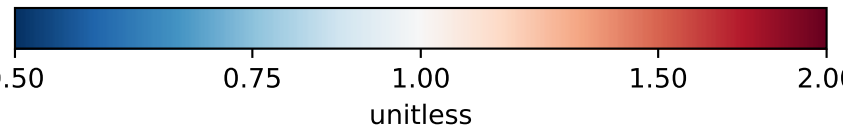
Ratio
Dev/Ref, Dynamic Range





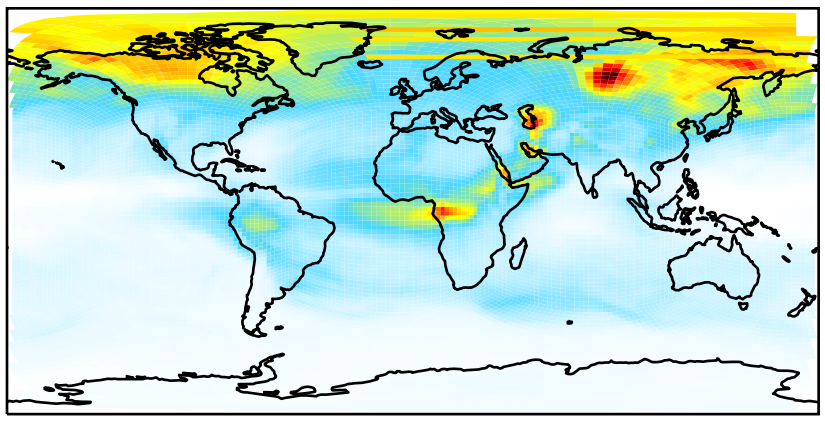
Ratio
Dev/Ref, Fixed Range

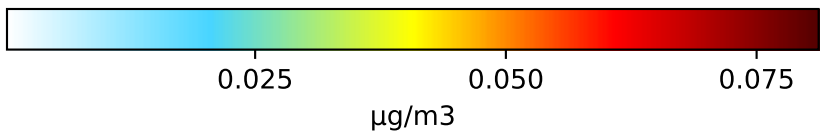




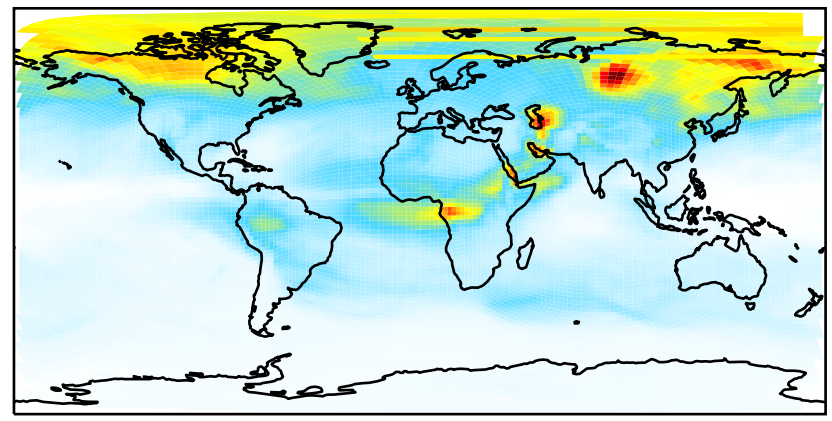
SpeciesConc_Complex_SOA

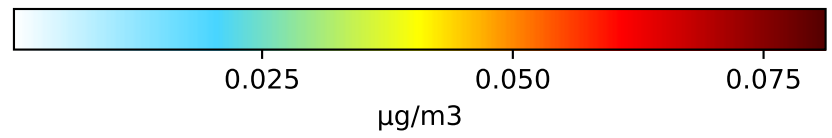
GCHP_13.2.0 (Ref)
c48



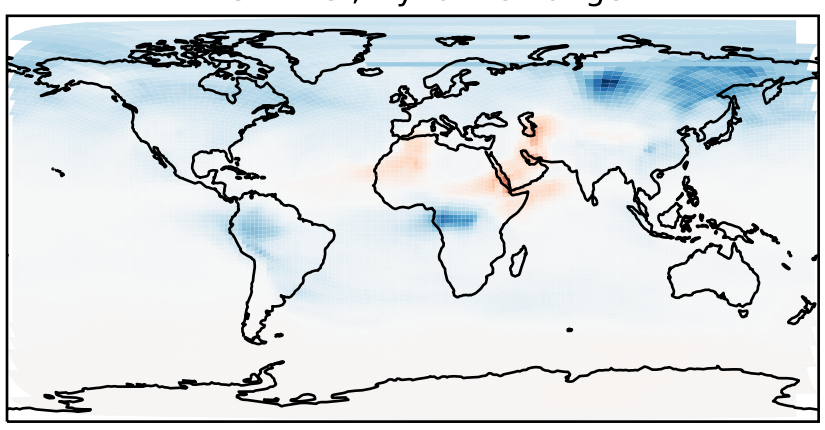


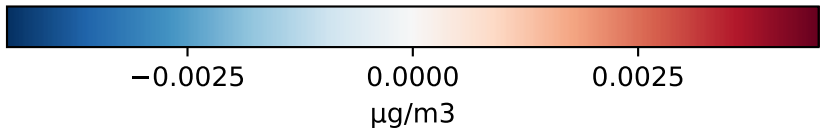
GCHP_13.3.0-rc.1 (Dev)
c48



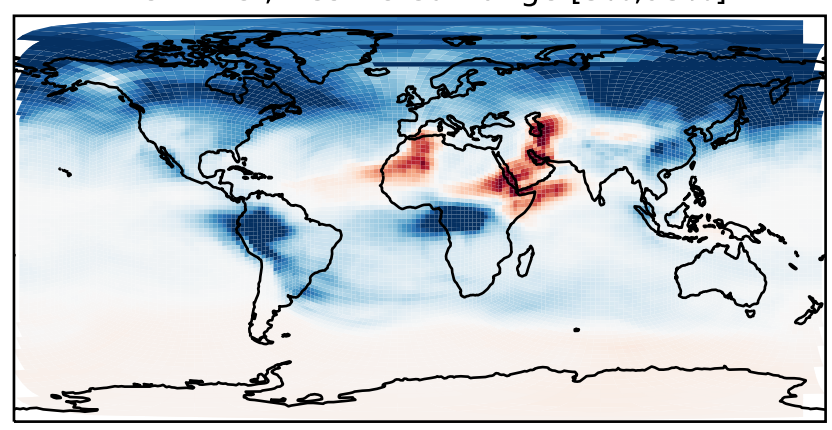


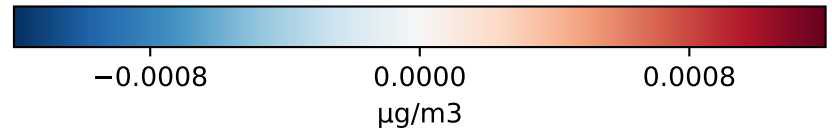
Difference
Dev - Ref, Dynamic Range



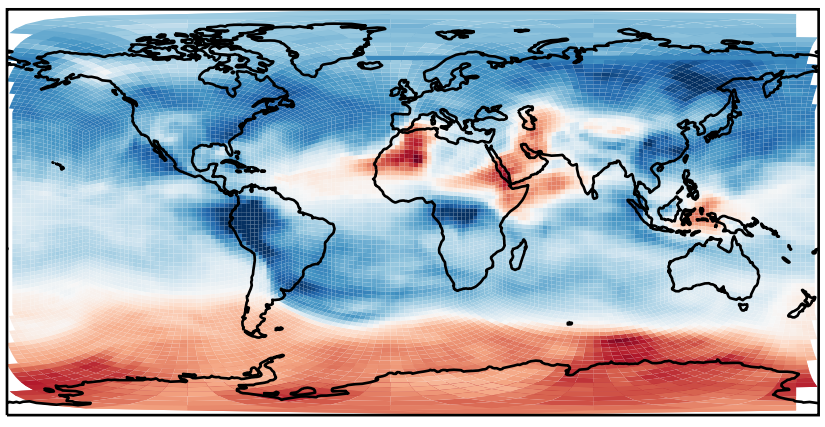


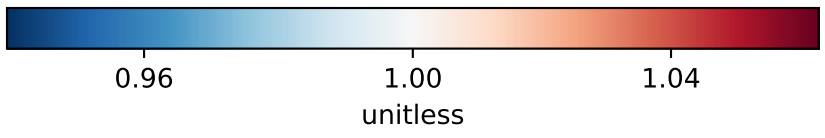
Difference
Dev - Ref, Restricted Range [5%,95%]



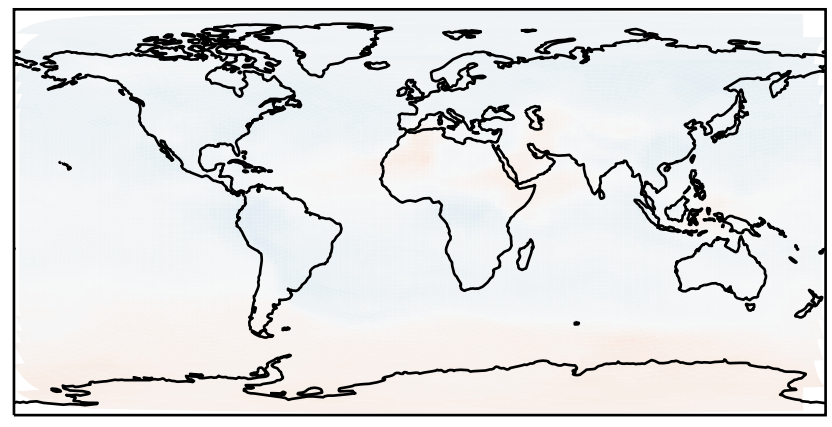


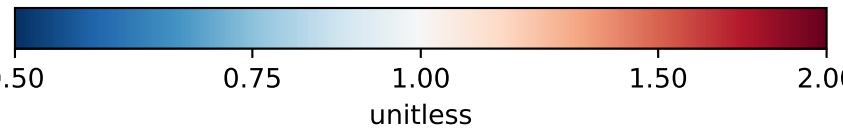
Ratio
Dev/Ref, Dynamic Range





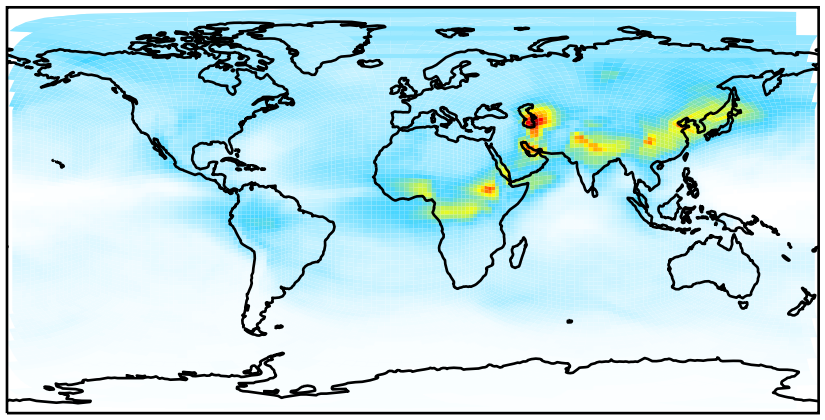
Ratio
Dev/Ref, Fixed Range

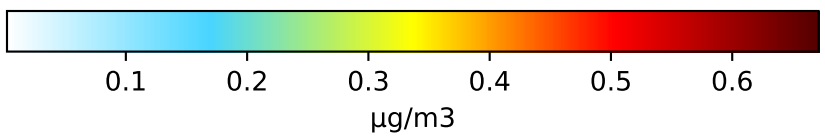




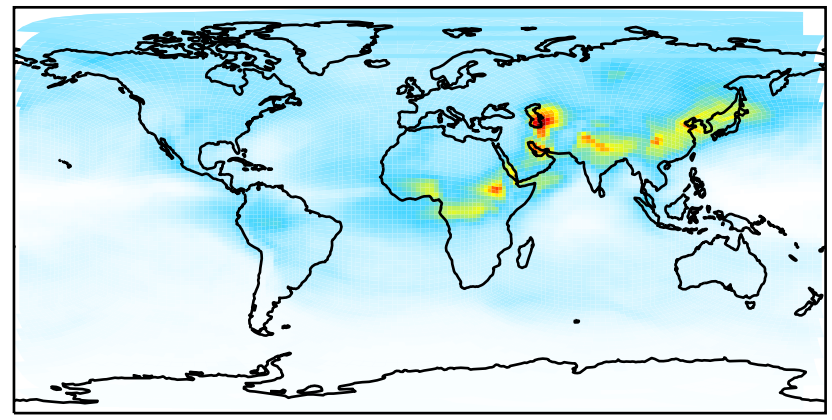
SpeciesConc_Simple_SOA

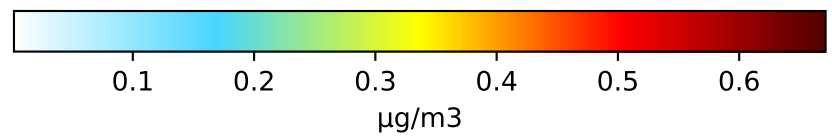
GCHP_13.2.0 (Ref)
c48



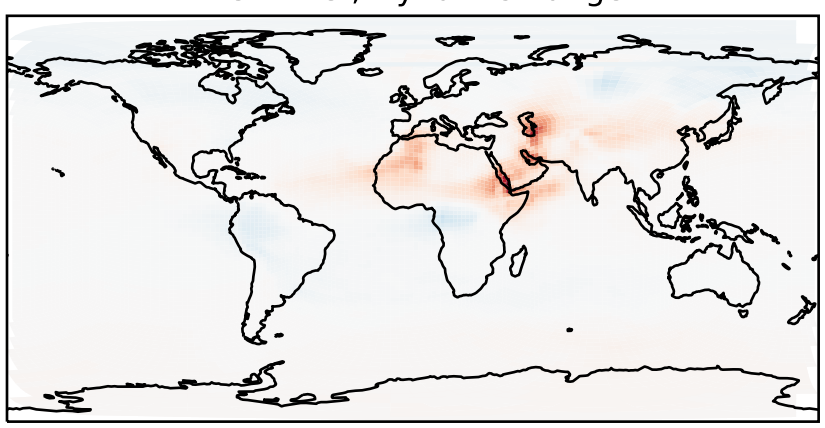


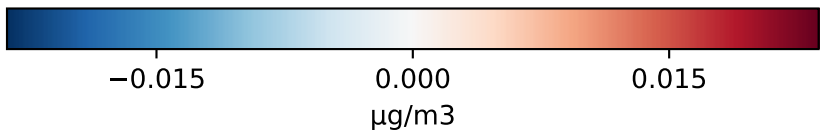
GCHP_13.3.0-rc.1 (Dev)
c48



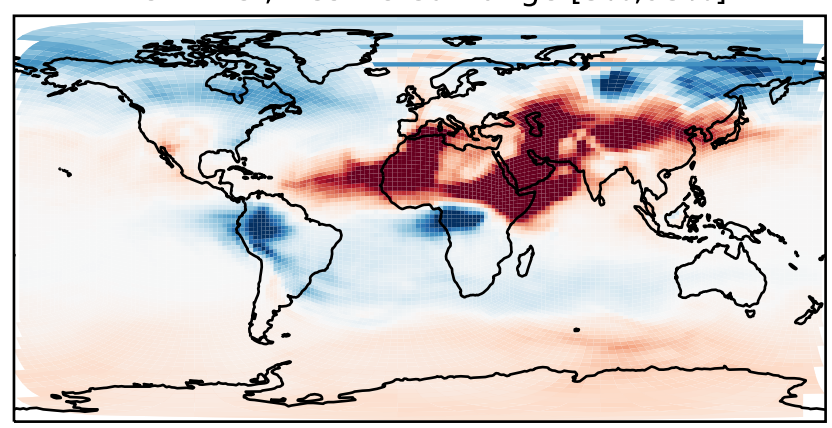


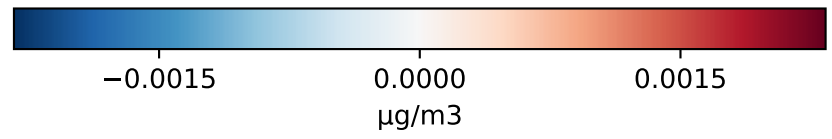
Difference
Dev - Ref, Dynamic Range



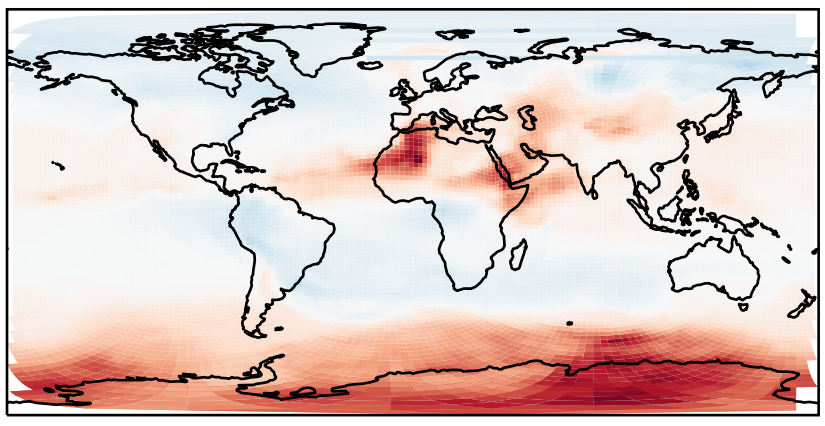


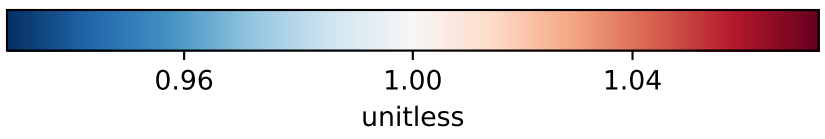
Difference
Dev - Ref, Restricted Range [5%,95%]



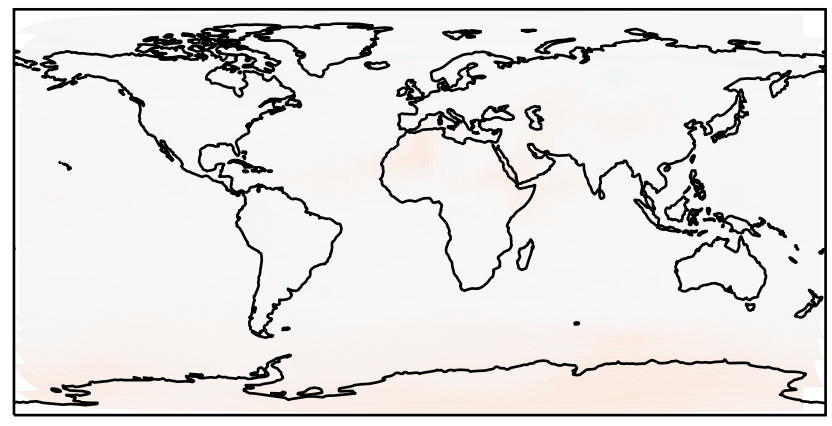


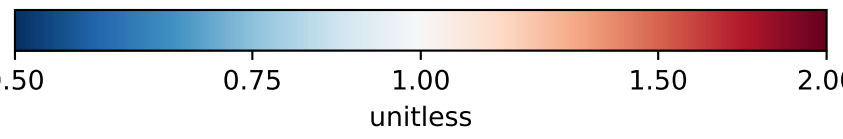
Ratio
Dev/Ref, Dynamic Range





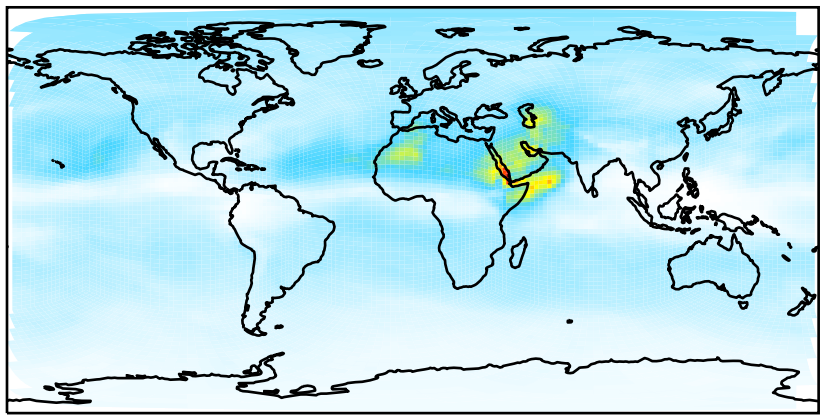
Ratio
Dev/Ref, Fixed Range

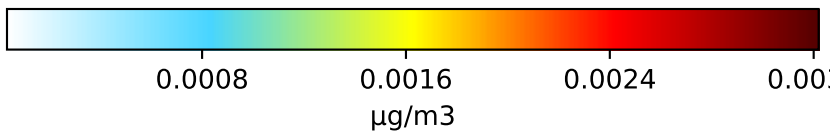




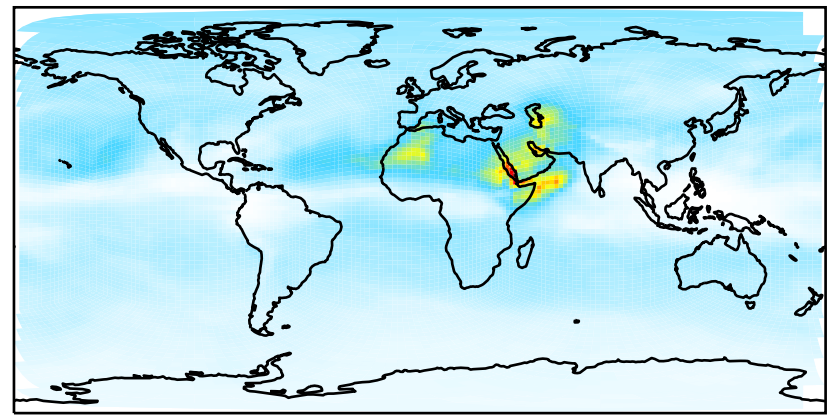
SpeciesConc_AERI

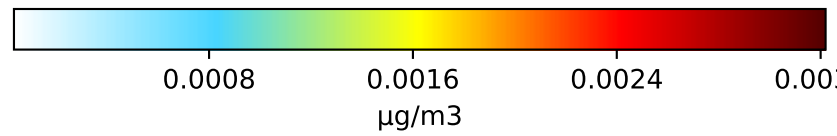
GCHP_13.2.0 (Ref)
c48



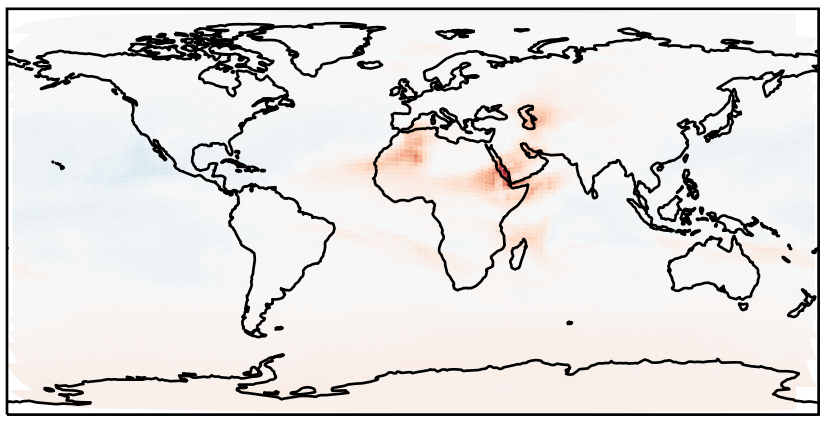


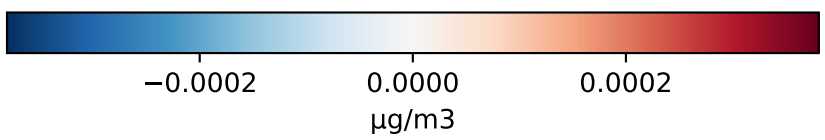
GCHP_13.3.0-rc.1 (Dev)
c48



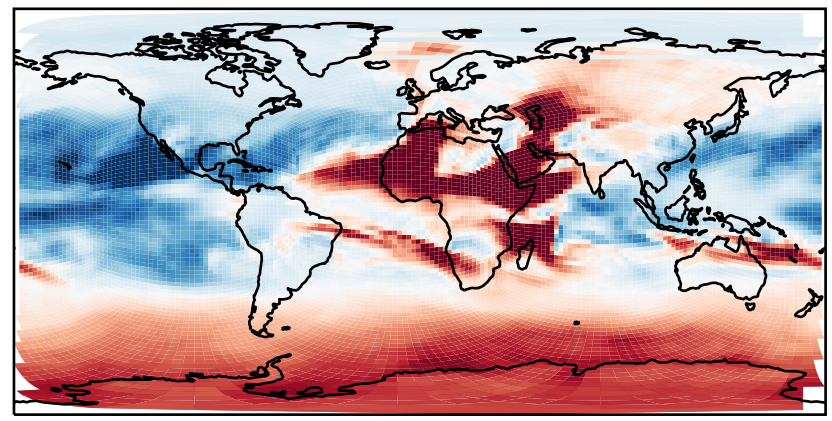


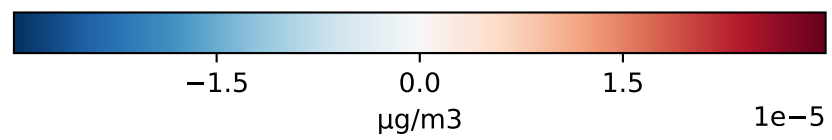
Difference
Dev - Ref, Dynamic Range



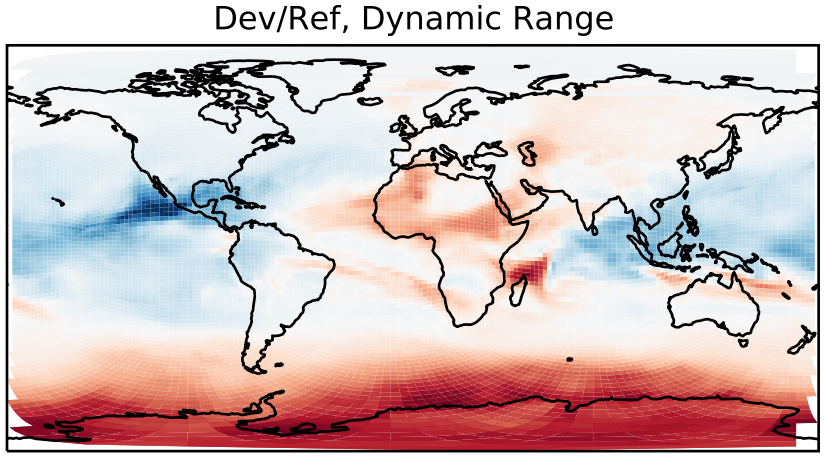


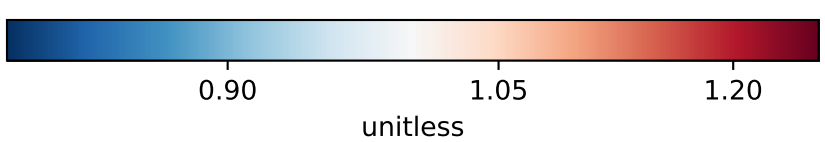
Difference
Dev - Ref, Restricted Range [5%,95%]



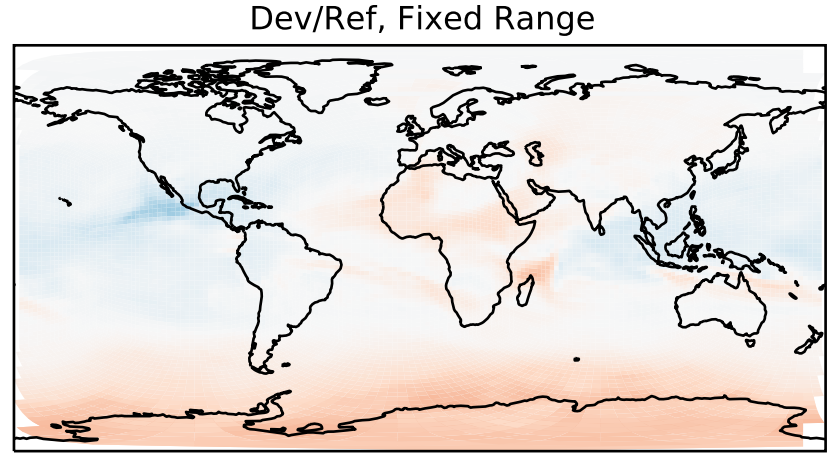


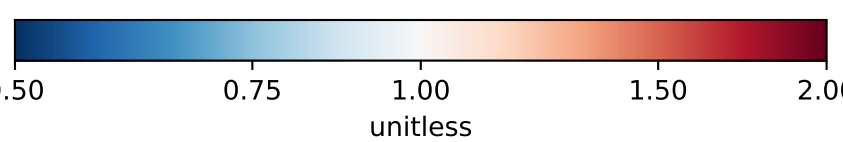
Ratio
Dev/Ref, Dynamic Range





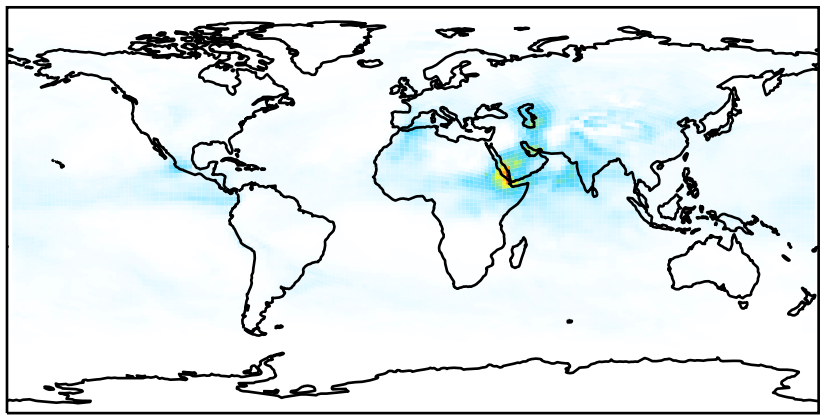
Ratio
Dev/Ref, Fixed Range

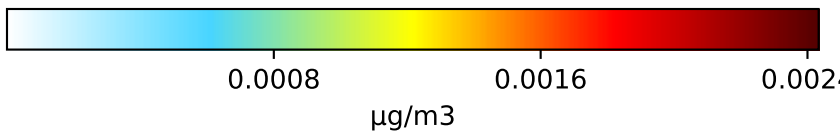




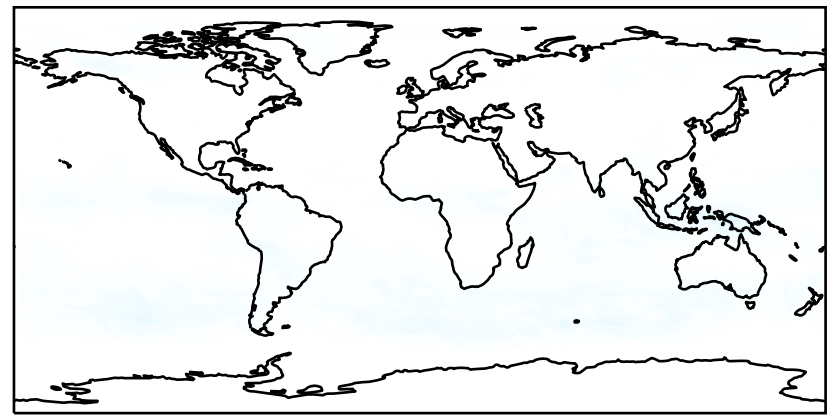
SpeciesConc_BrSALA

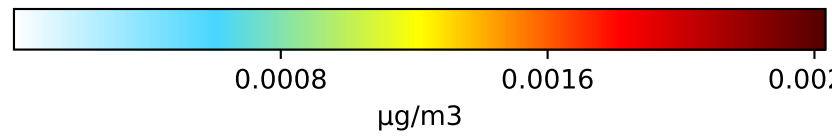
GCHP_13.2.0 (Ref)
c48



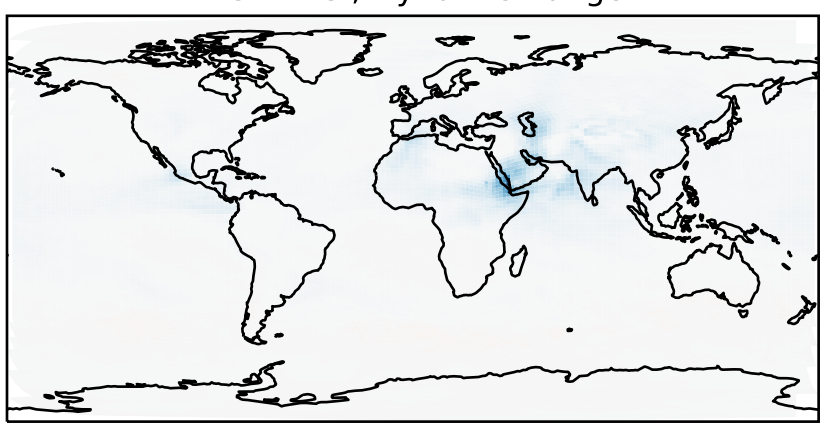


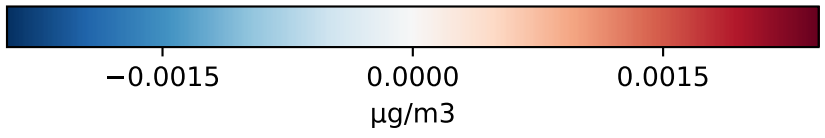
GCHP_13.3.0-rc.1 (Dev)
c48



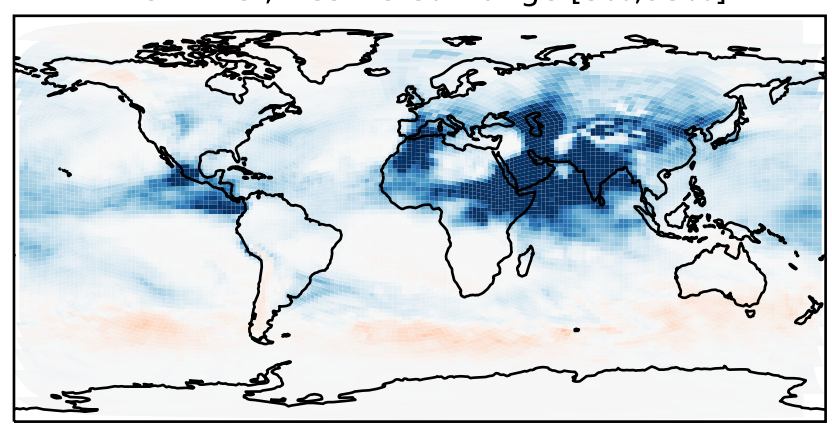


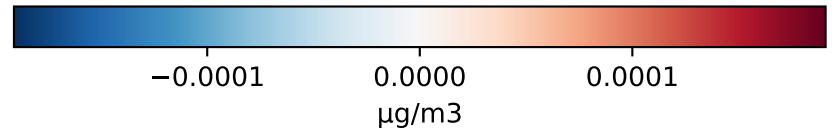
Difference
Dev - Ref, Dynamic Range



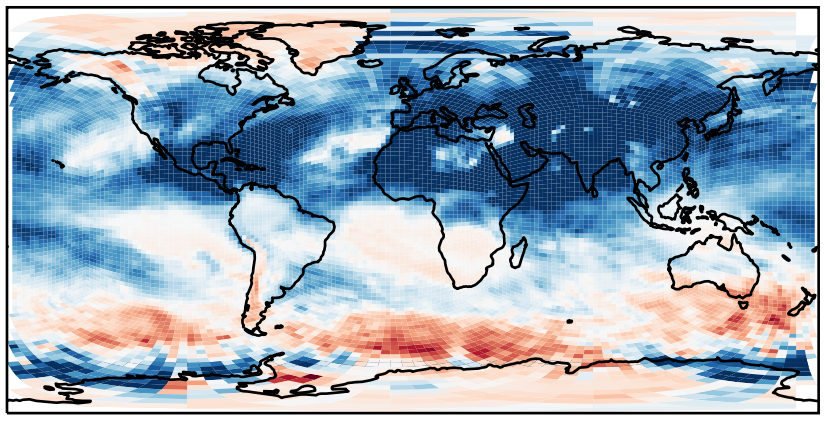


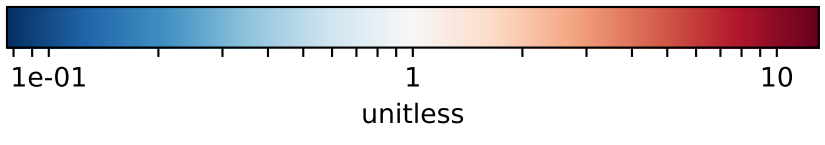
Difference
Dev - Ref, Restricted Range [5%,95%]



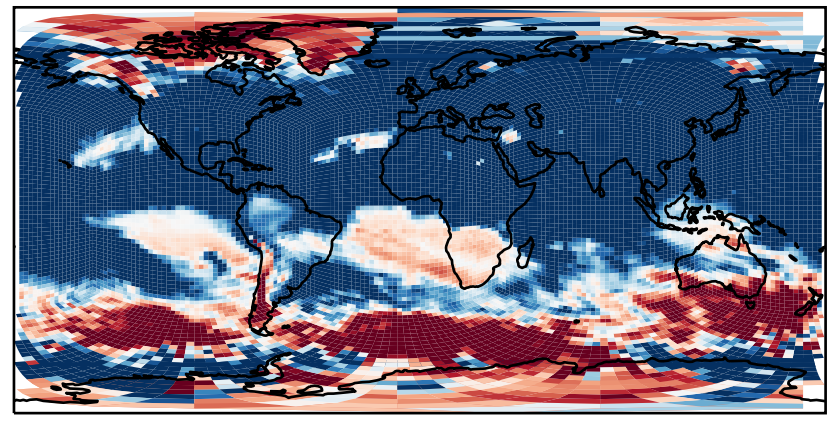


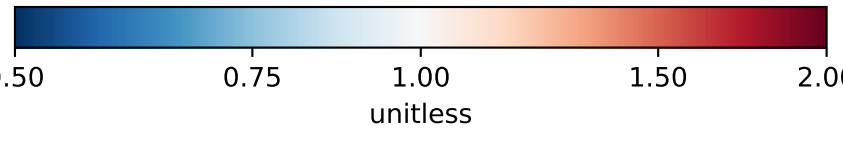
Ratio
Dev/Ref, Dynamic Range





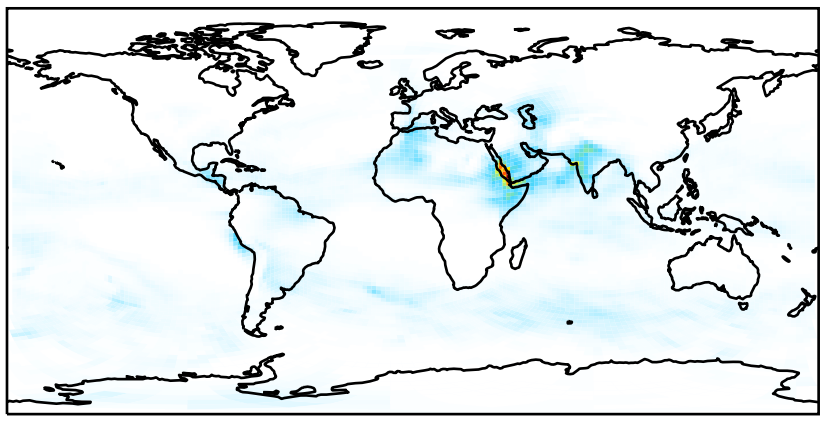
Ratio
Dev/Ref, Fixed Range

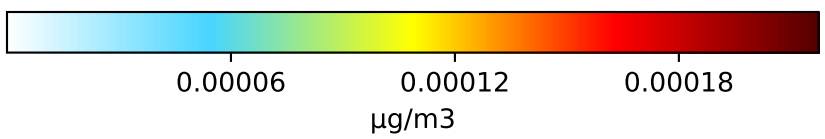




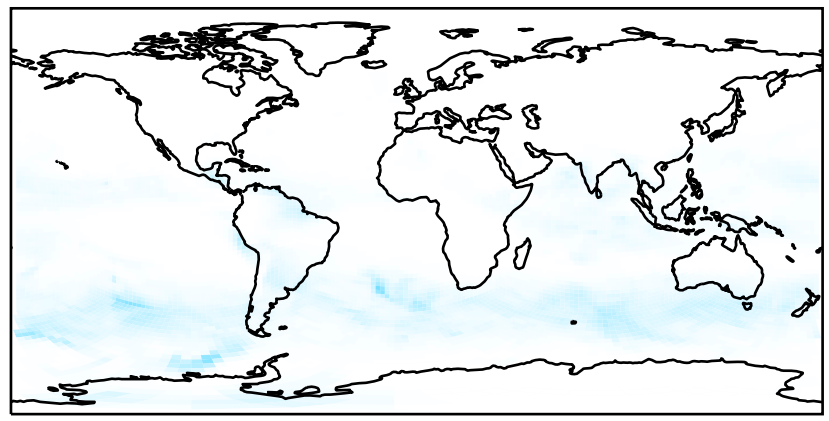
SpeciesConc_BrSALC

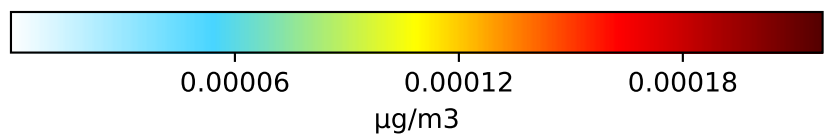
GCHP_13.2.0 (Ref)
c48



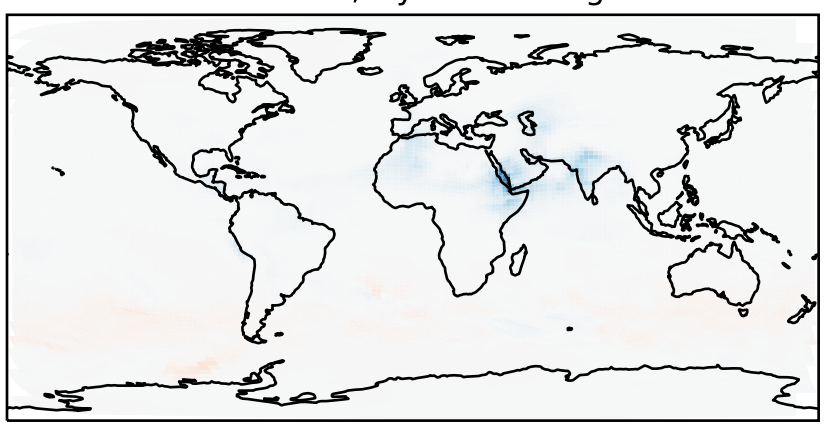


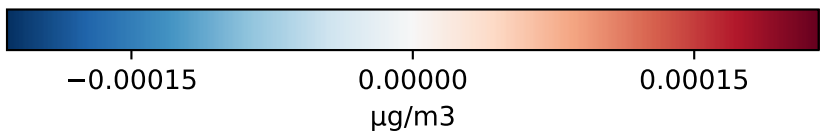
GCHP_13.3.0-rc.1 (Dev)
c48



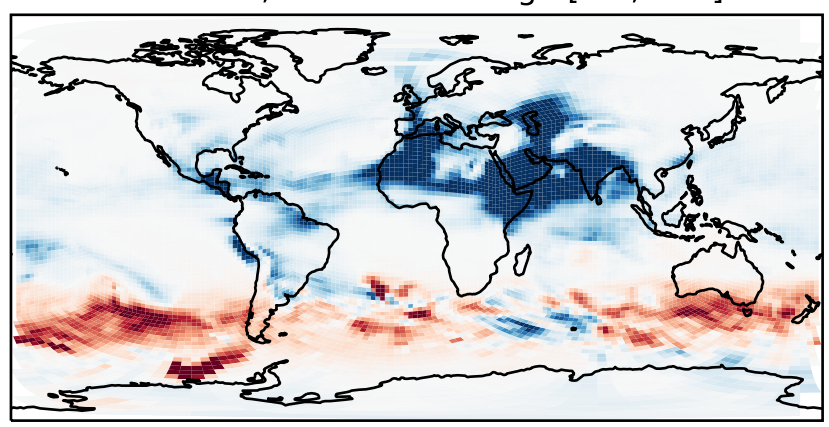


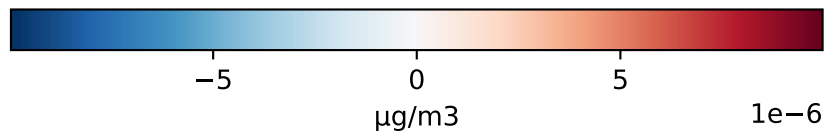
Difference
Dev - Ref, Dynamic Range



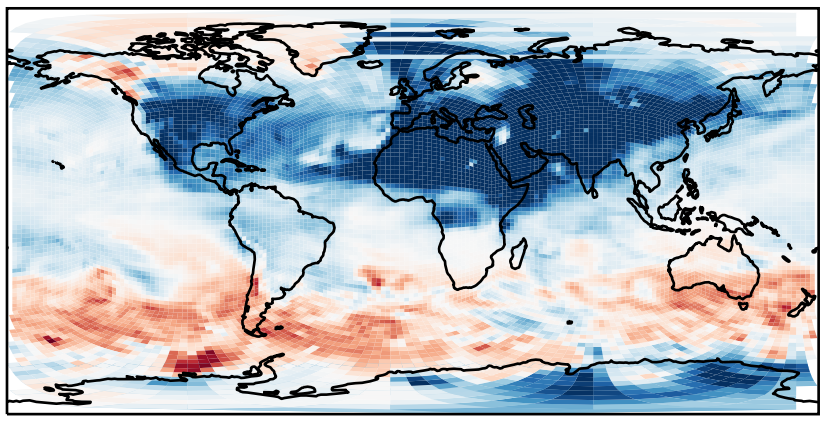


Difference
Dev - Ref, Restricted Range [5%,95%]



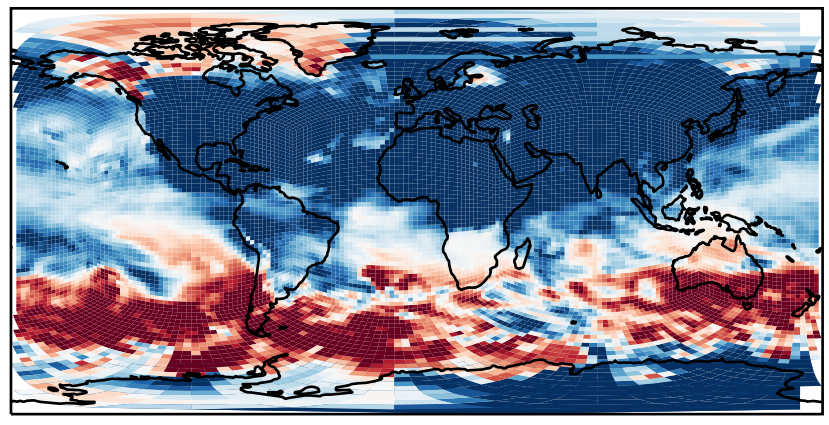


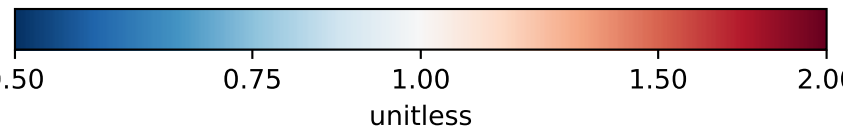
Ratio
Dev/Ref, Dynamic Range





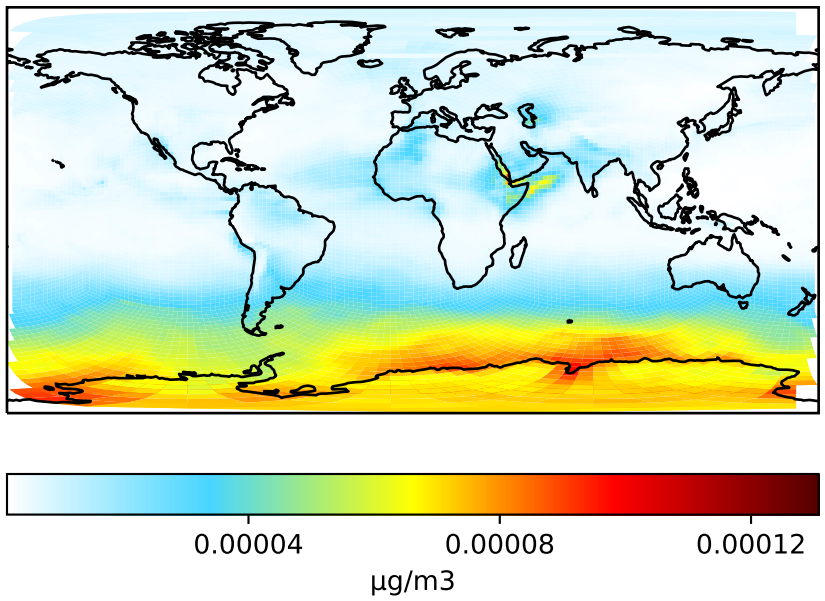
Ratio
Dev/Ref, Fixed Range



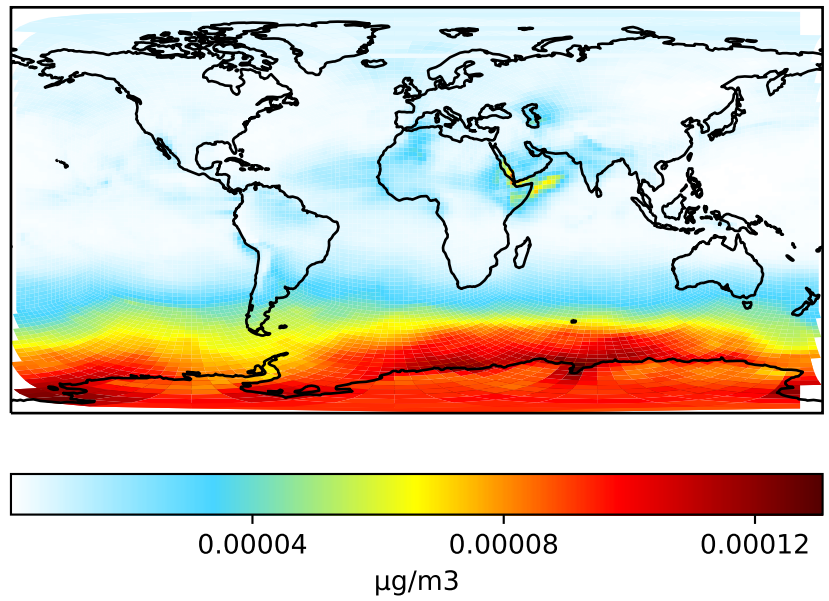


SpeciesConc_ISALA

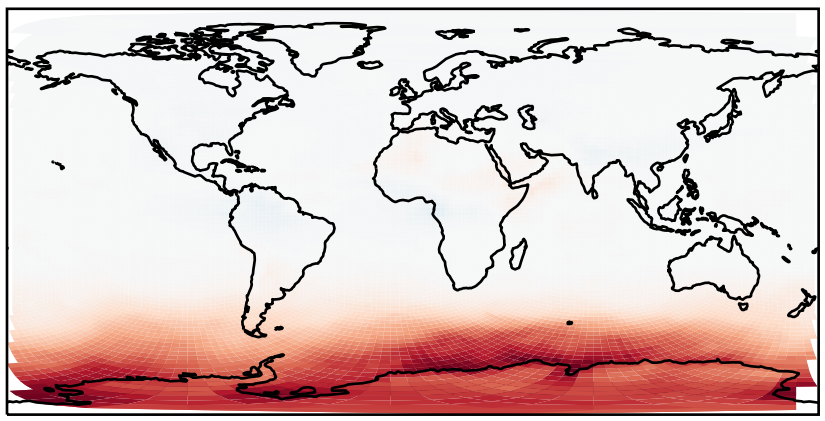
GCHP_13.2.0 (Ref)
c48

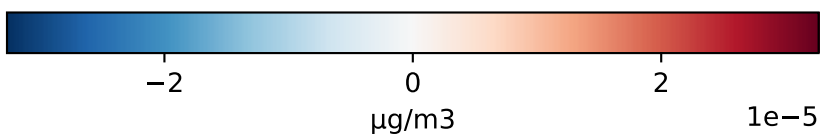


GCHP_13.3.0-rc.1 (Dev)
c48

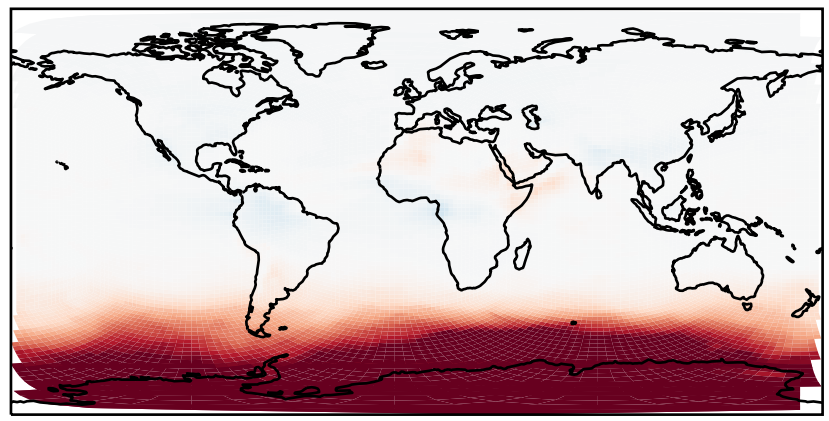


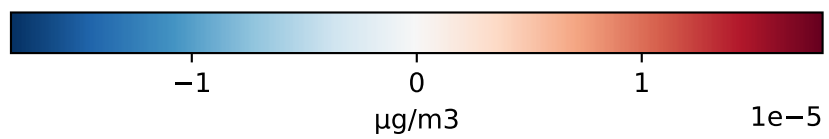
Difference
Dev - Ref, Dynamic Range



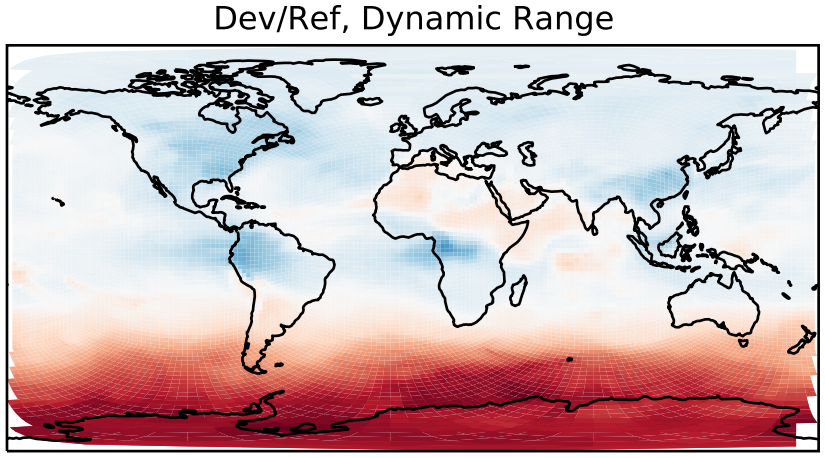


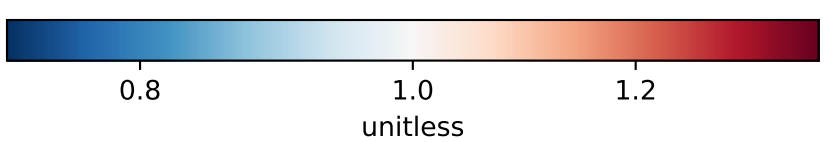
Difference
Dev - Ref, Restricted Range [5%,95%]



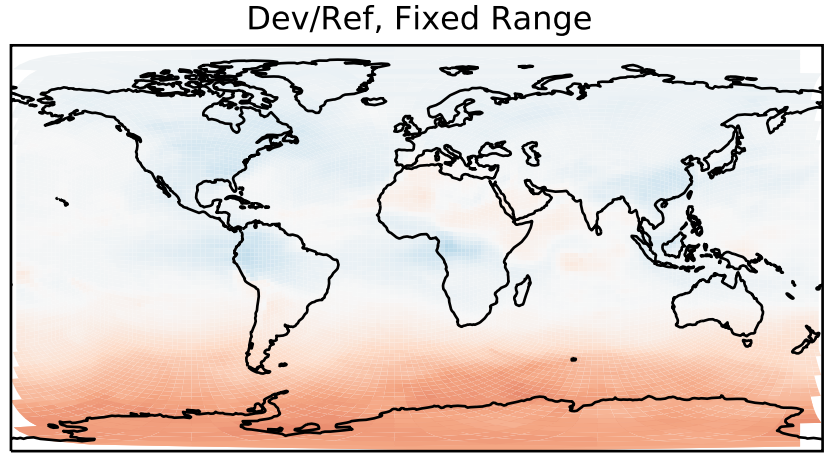


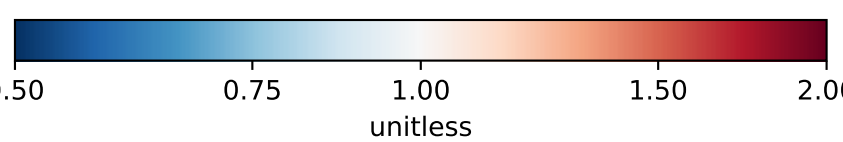
Ratio
Dev/Ref, Dynamic Range





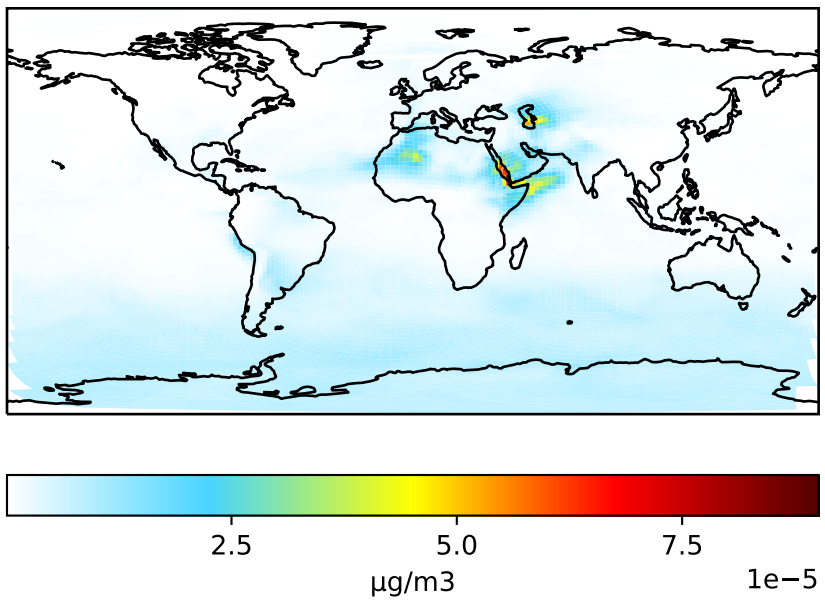
Ratio
Dev/Ref, Fixed Range



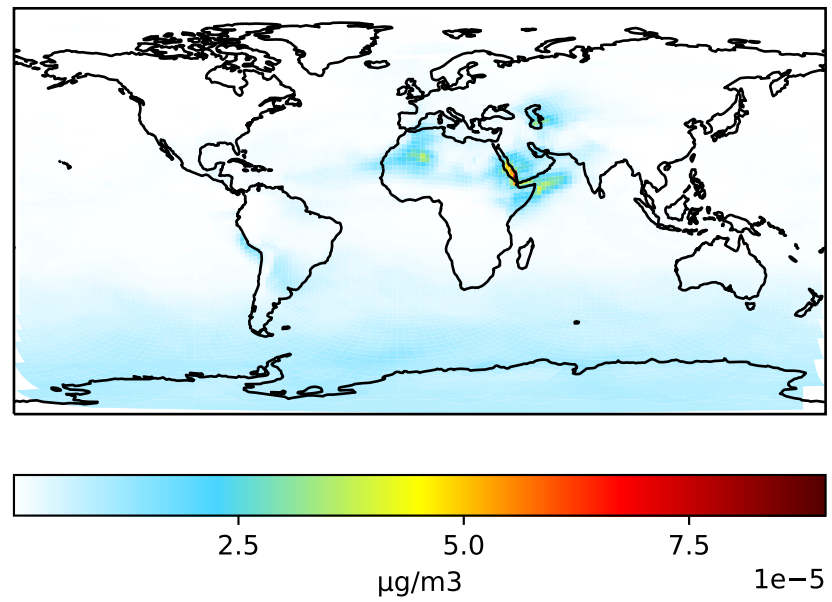


SpeciesConc_ISALC

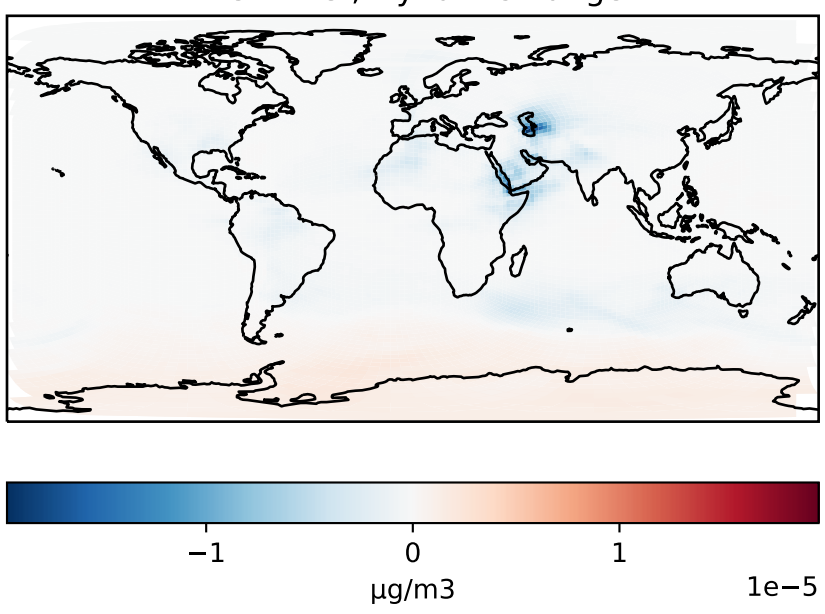
GCHP_13.2.0 (Ref)
c48



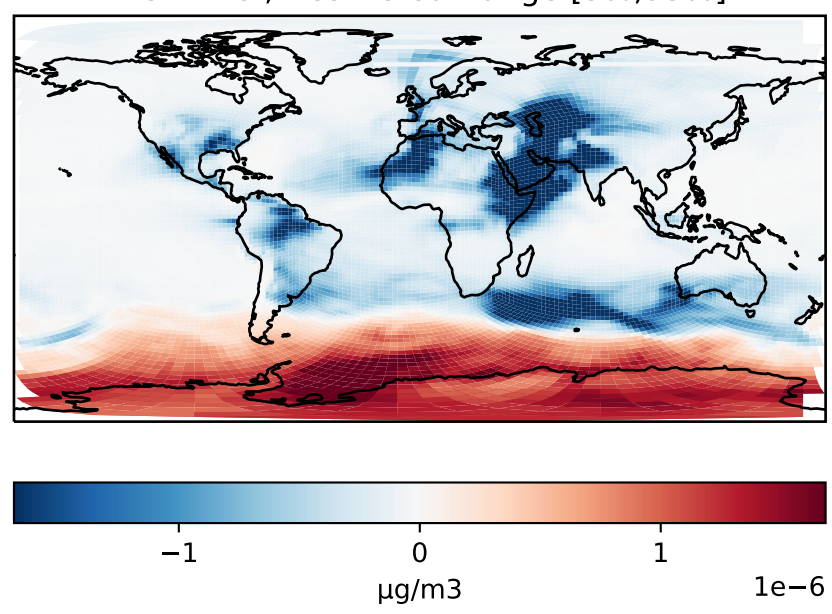
GCHP_13.3.0-rc.1 (Dev)
c48



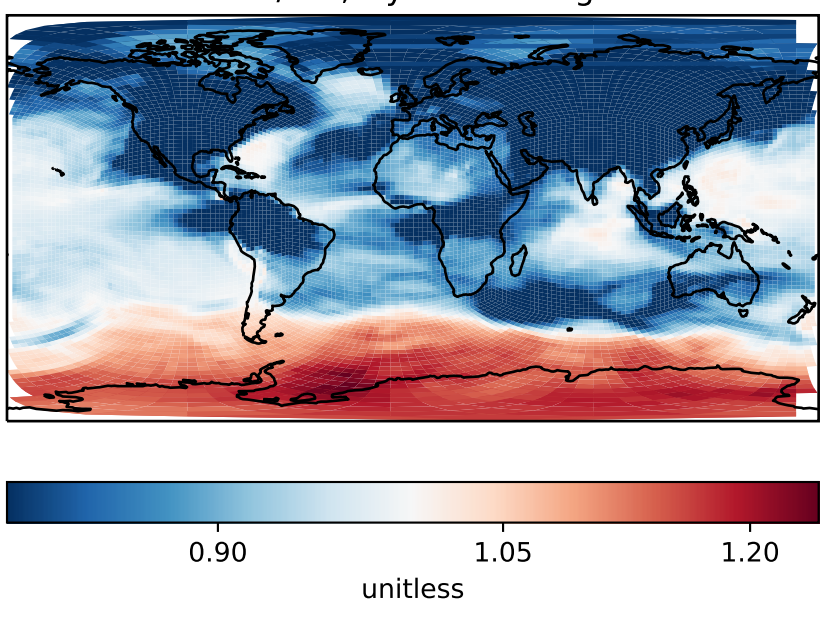
Difference
Dev - Ref, Dynamic Range



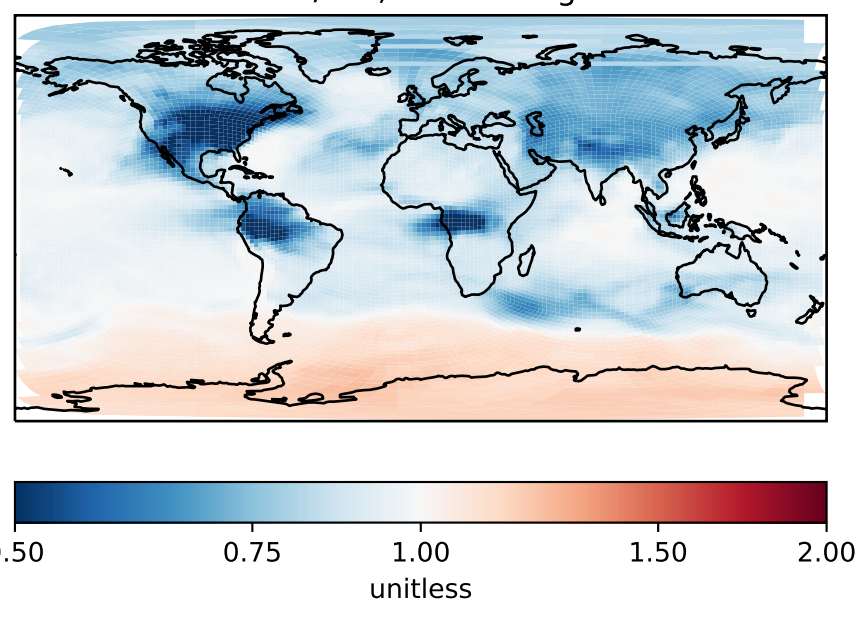
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

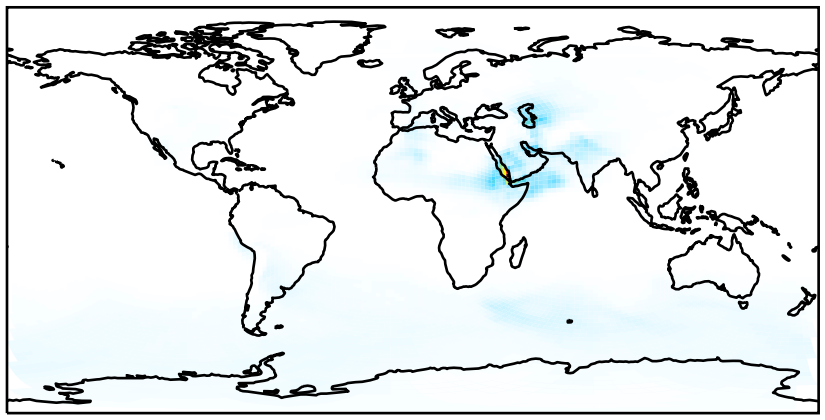


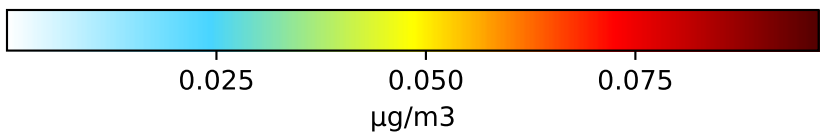
Ratio
Dev/Ref, Fixed Range



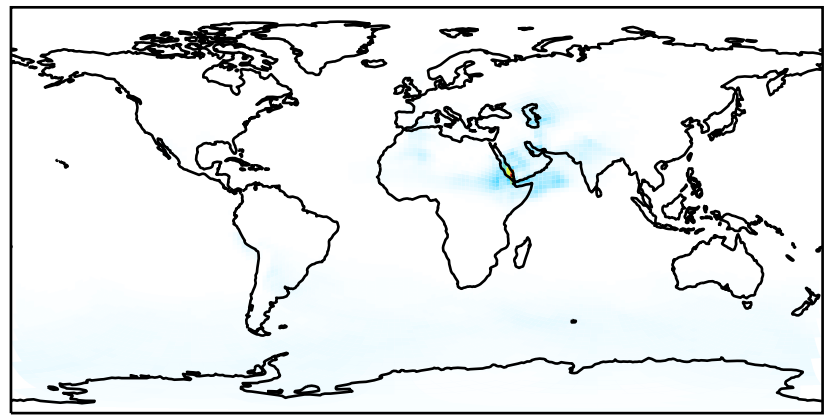
SpeciesConc_NITs

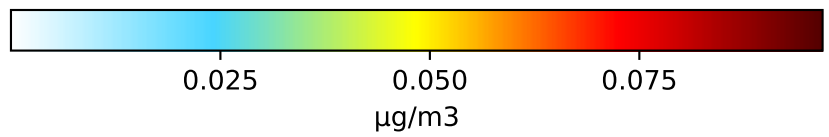
GCHP_13.2.0 (Ref)
c48



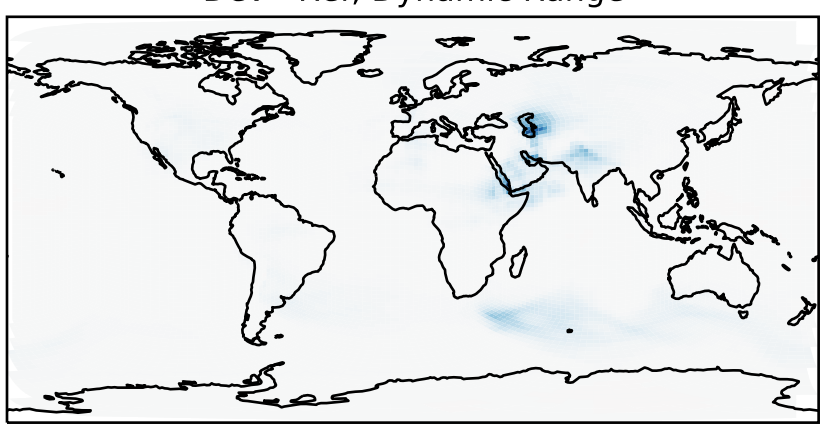


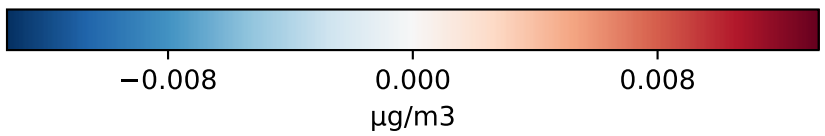
GCHP_13.3.0-rc.1 (Dev)
c48



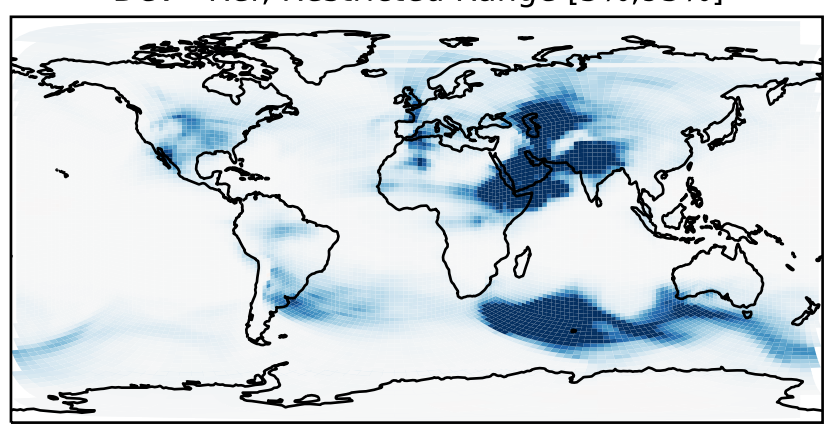


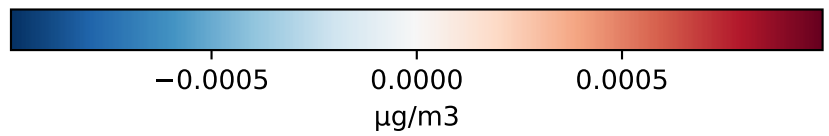
Difference
Dev - Ref, Dynamic Range



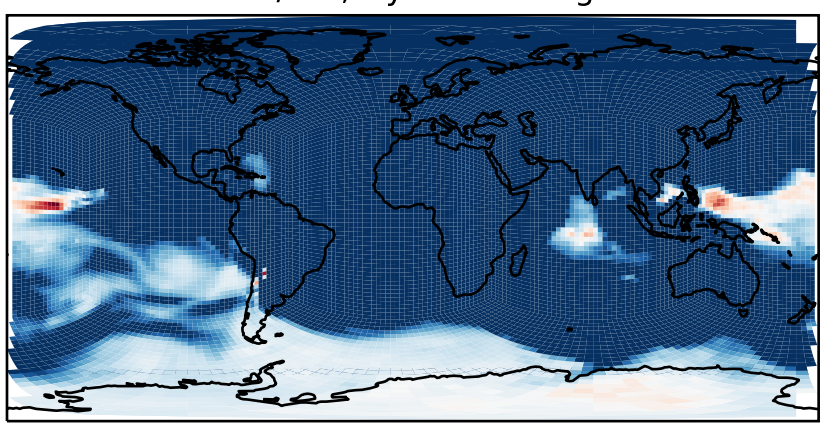


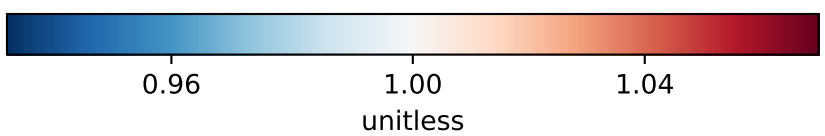
Difference
Dev - Ref, Restricted Range [5%,95%]



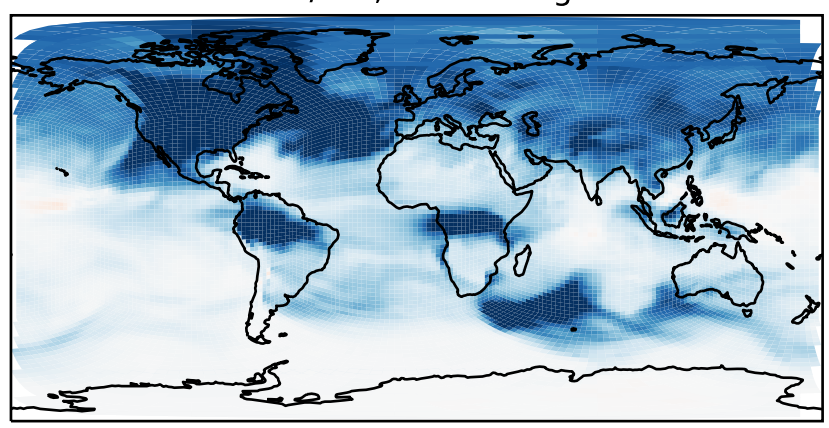


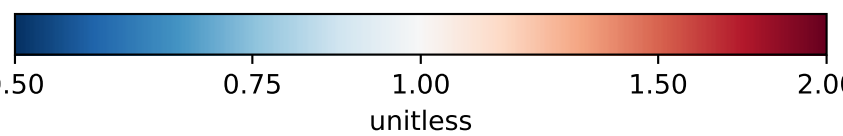
Ratio
Dev/Ref, Dynamic Range





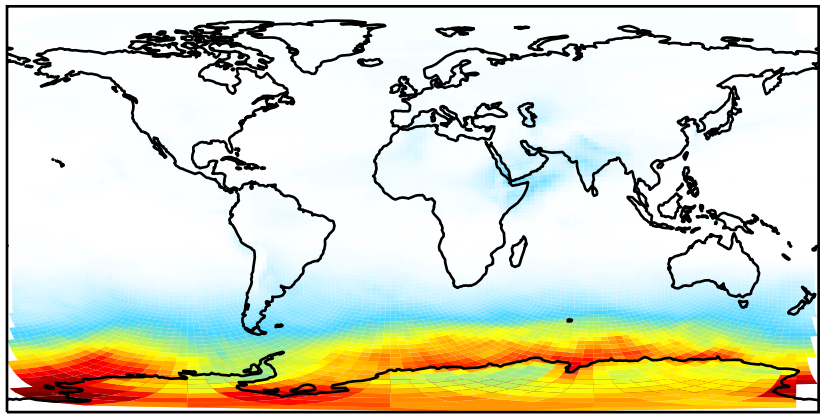
Ratio
Dev/Ref, Fixed Range

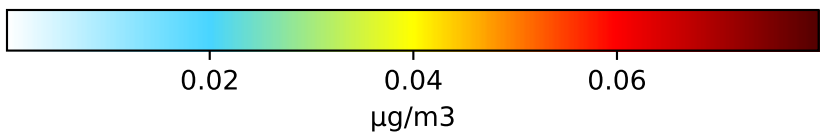




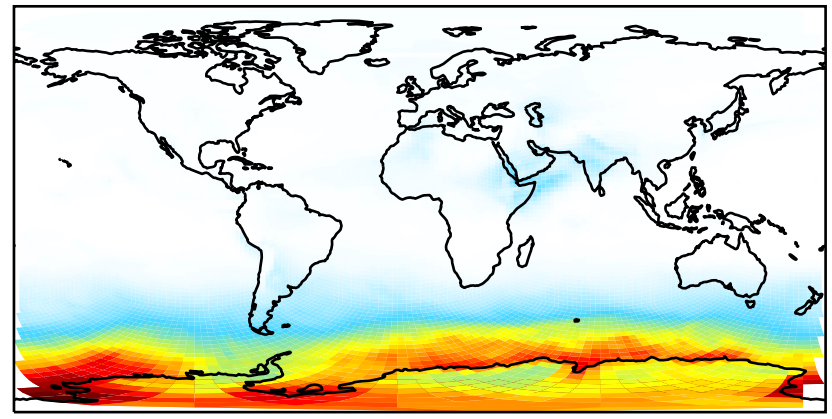
SpeciesConc_SALA

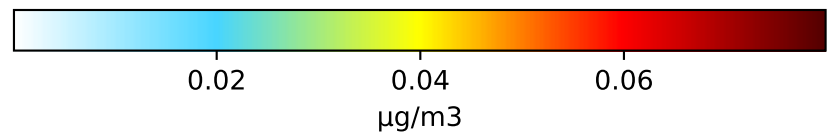
GCHP_13.2.0 (Ref)
c48



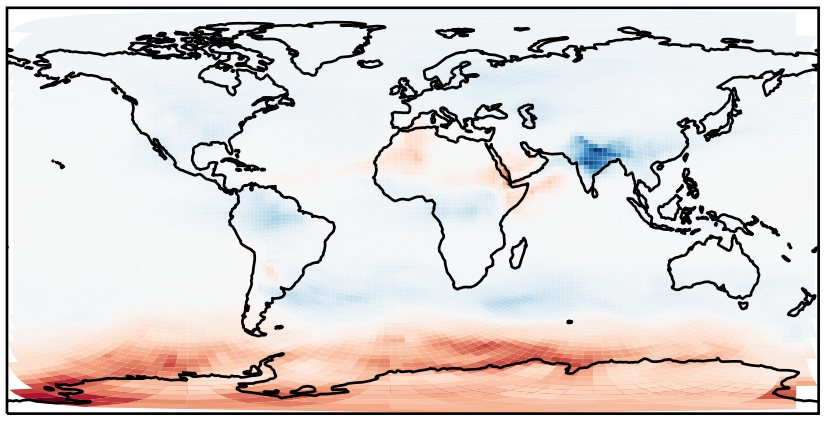


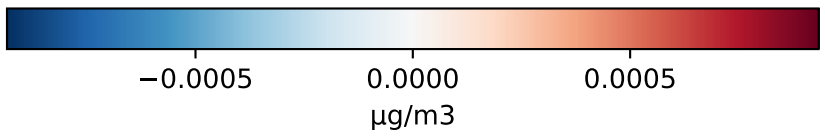
GCHP_13.3.0-rc.1 (Dev)
c48



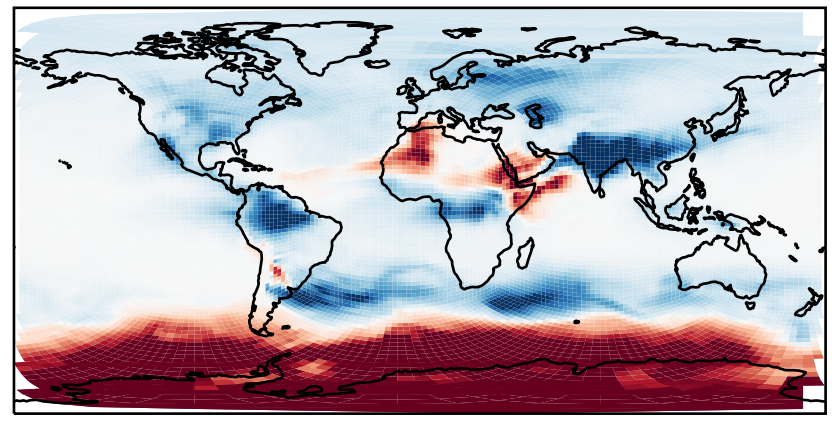


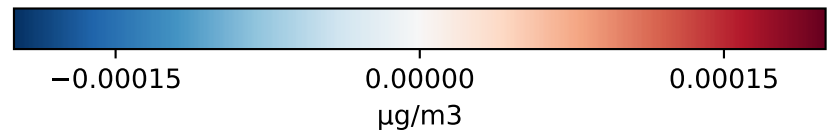
Difference
Dev - Ref, Dynamic Range



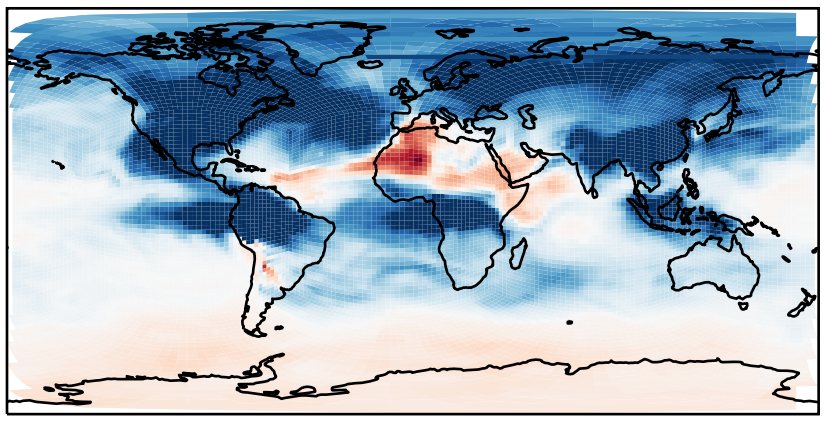


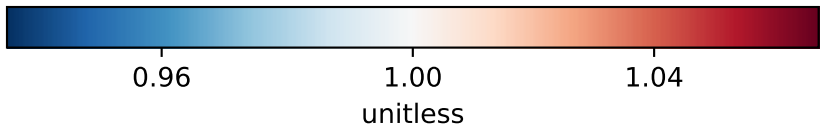
Difference
Dev - Ref, Restricted Range [5%,95%]



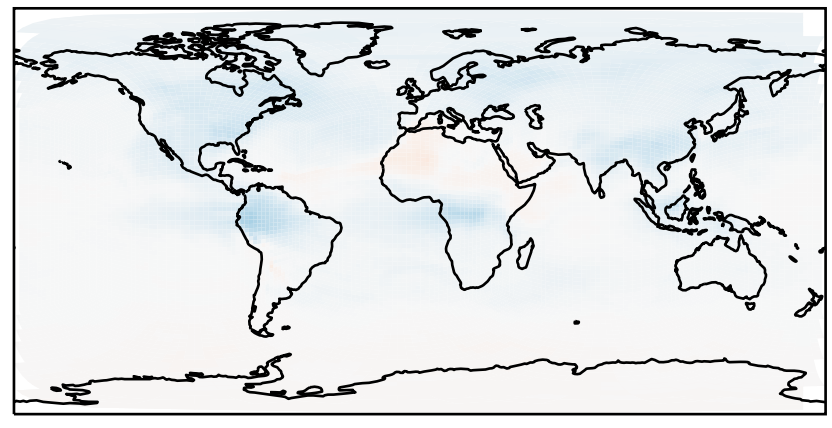


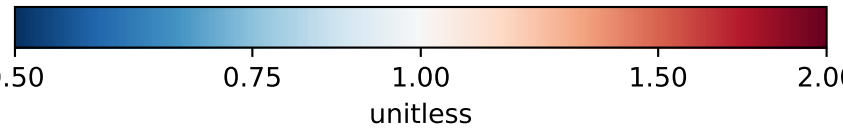
Ratio
Dev/Ref, Dynamic Range





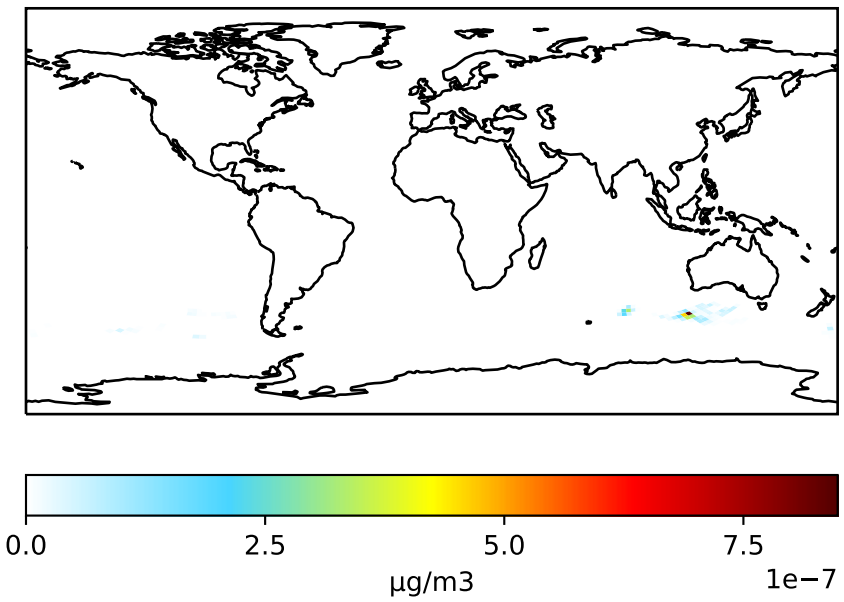
Ratio
Dev/Ref, Fixed Range



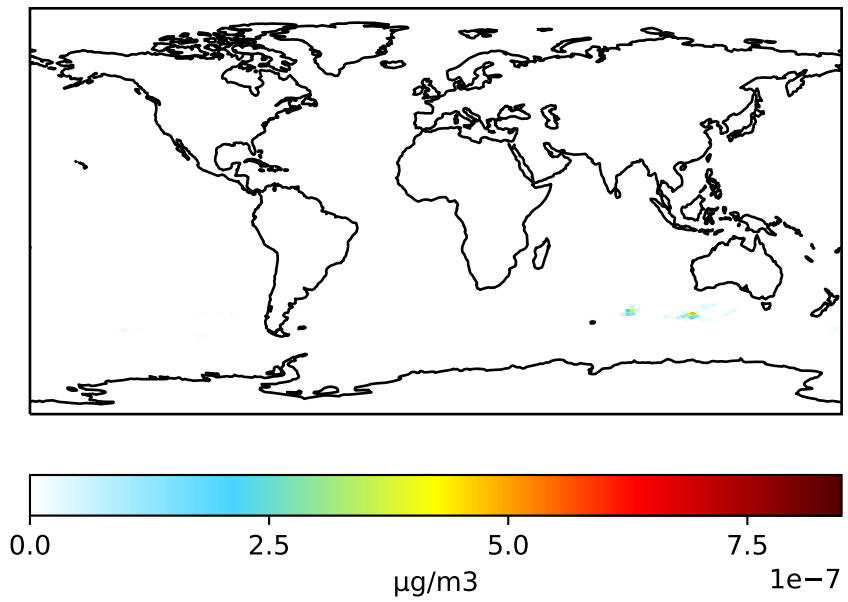


SpeciesConc_SALAAL

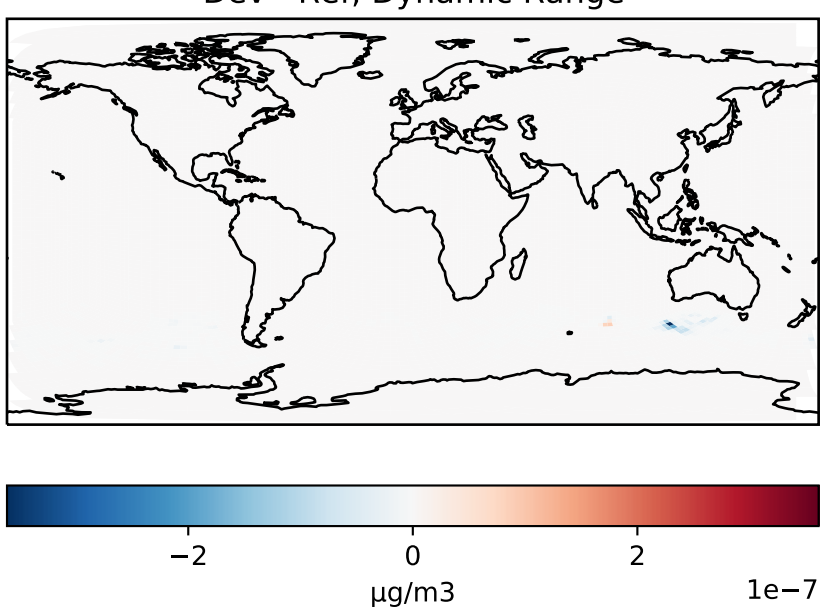
GCHP_13.2.0 (Ref)
c48



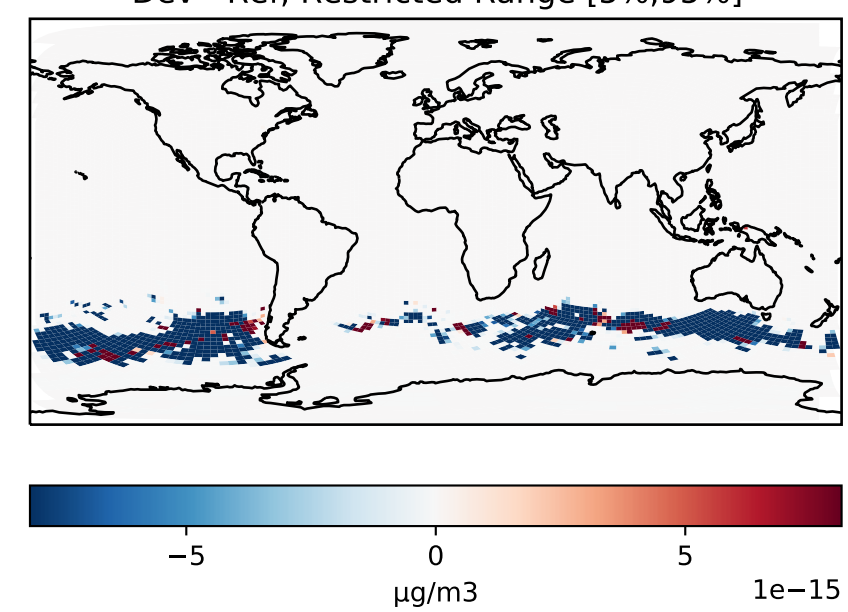
GCHP_13.3.0-rc.1 (Dev)
c48



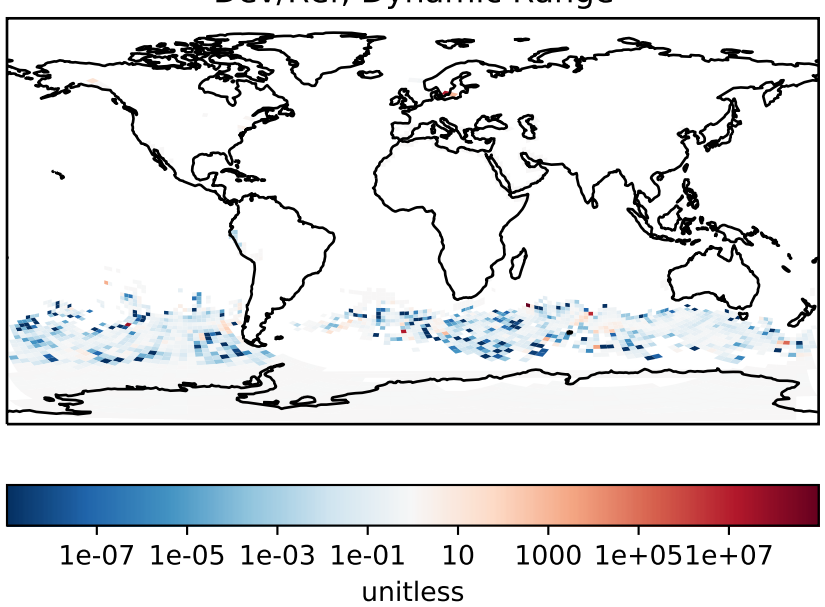
Difference
Dev - Ref, Dynamic Range



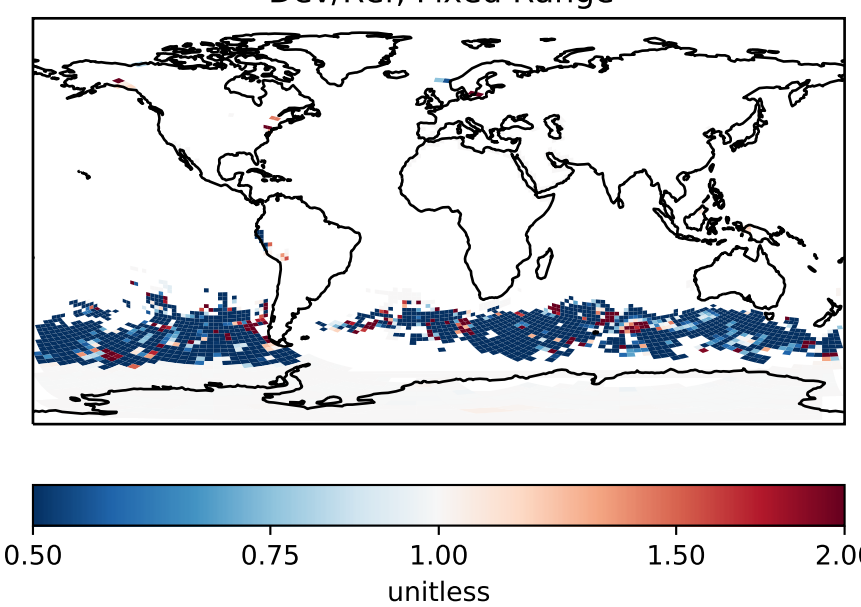
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

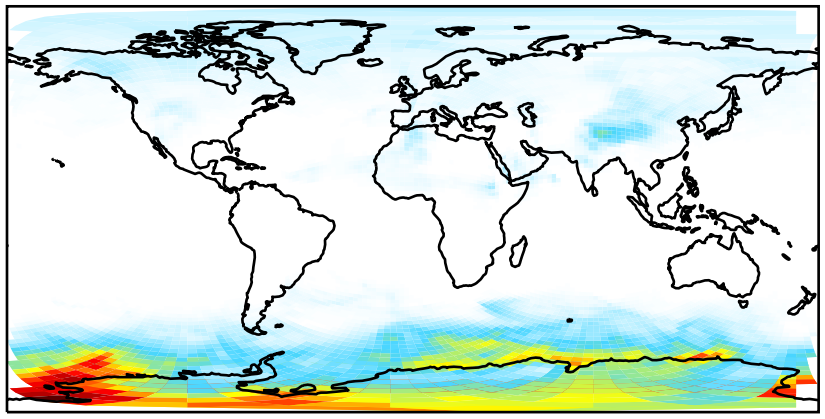


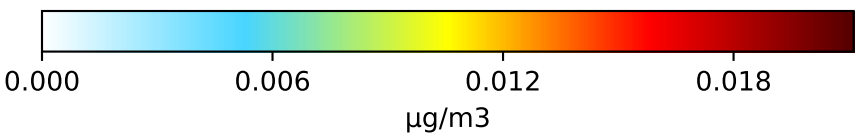
Ratio
Dev/Ref, Fixed Range



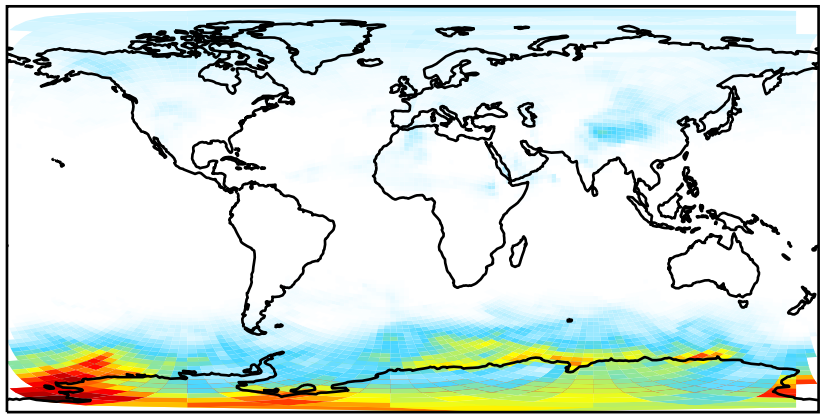
SpeciesConc_SALACL

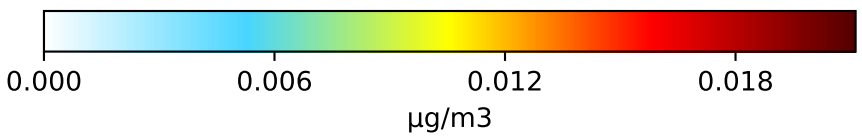
GCHP_13.2.0 (Ref)
c48



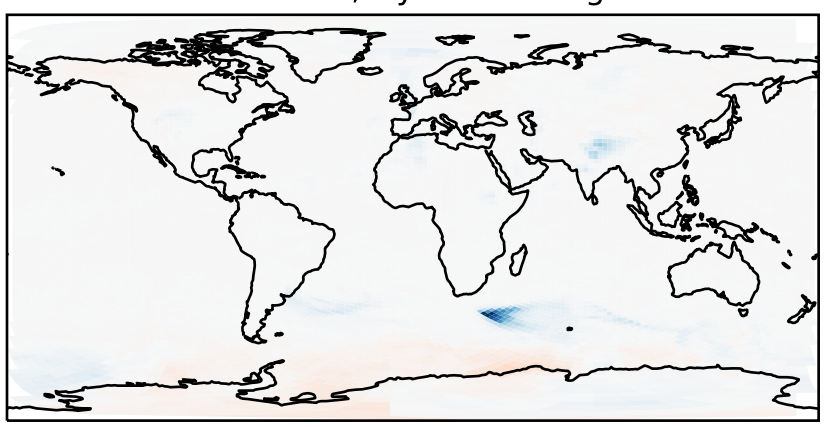


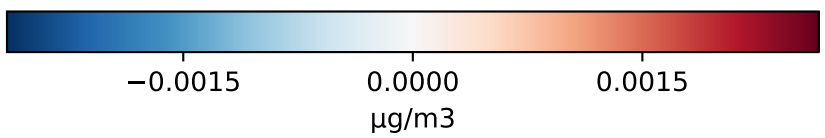
GCHP_13.3.0-rc.1 (Dev)
c48



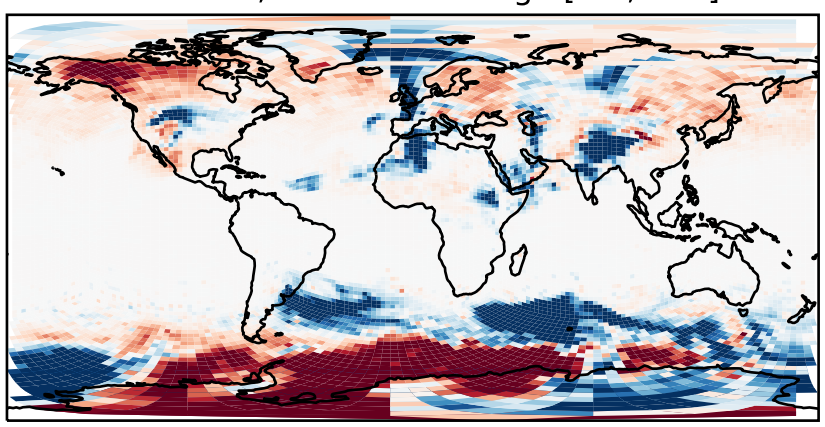


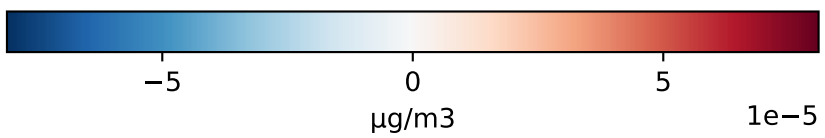
Difference
Dev - Ref, Dynamic Range



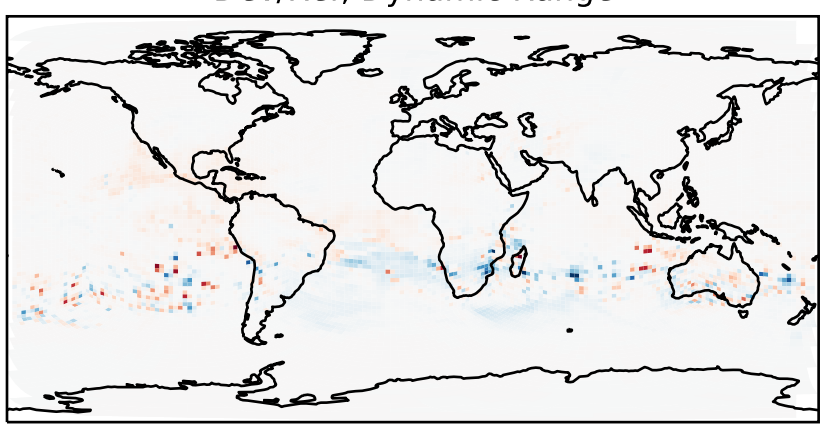


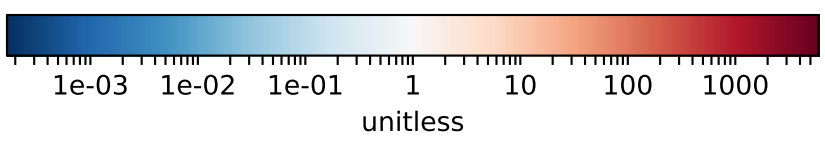
Difference
Dev - Ref, Restricted Range [5%,95%]



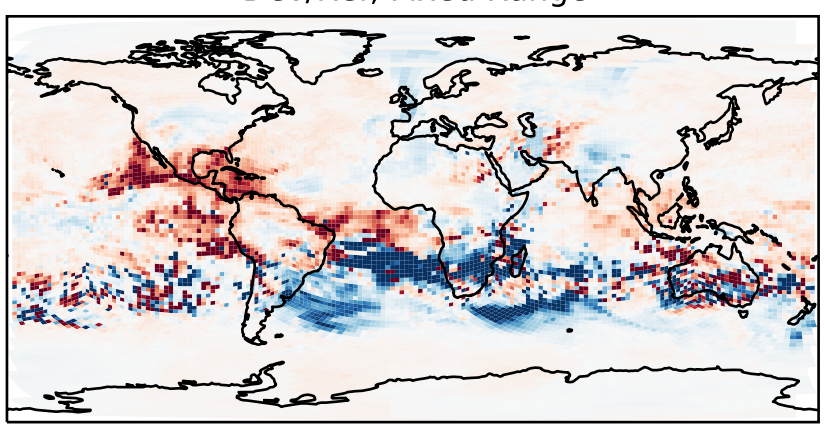


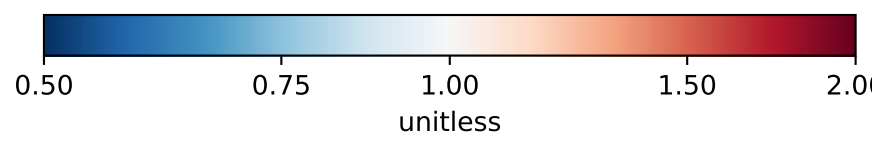
Ratio
Dev/Ref, Dynamic Range





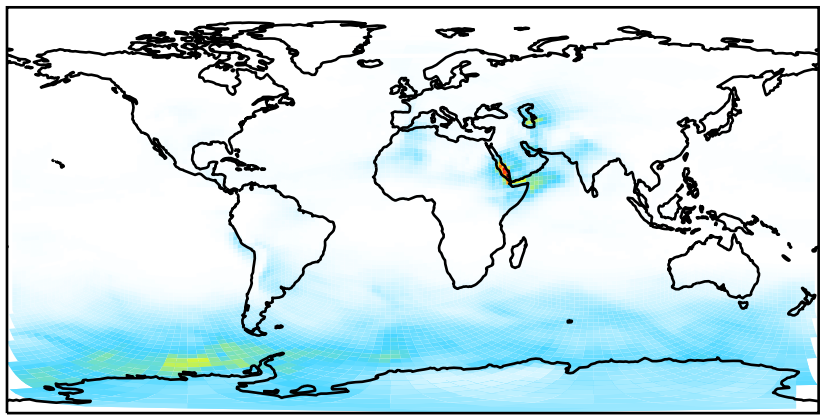
Ratio
Dev/Ref, Fixed Range

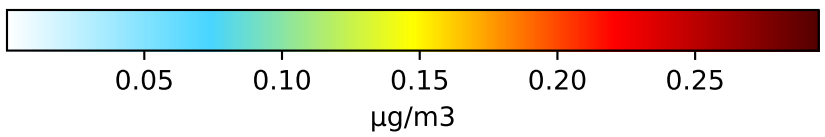




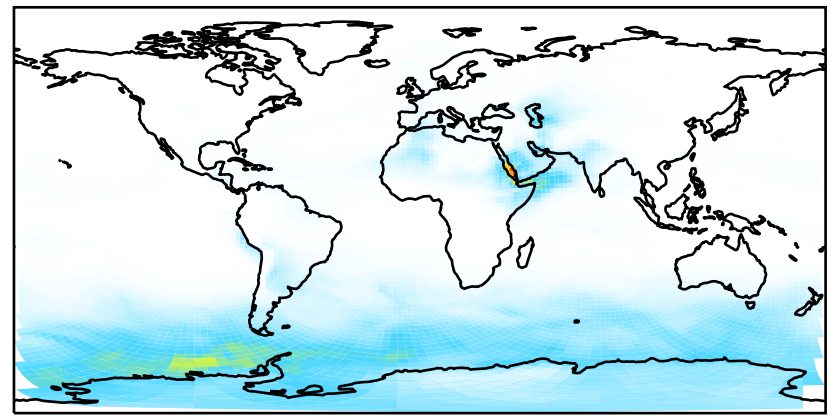
SpeciesConc_SALC

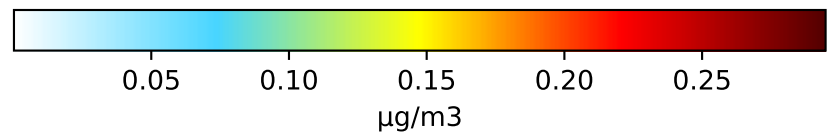
GCHP_13.2.0 (Ref)
c48



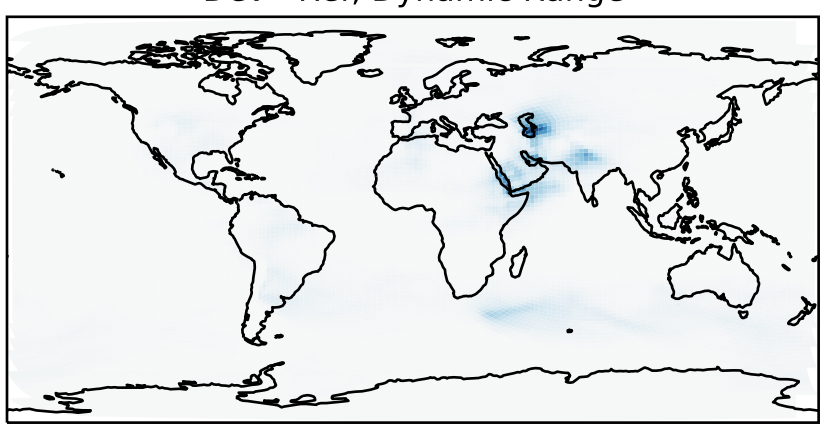


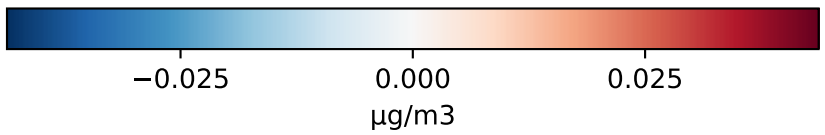
GCHP_13.3.0-rc.1 (Dev)
c48



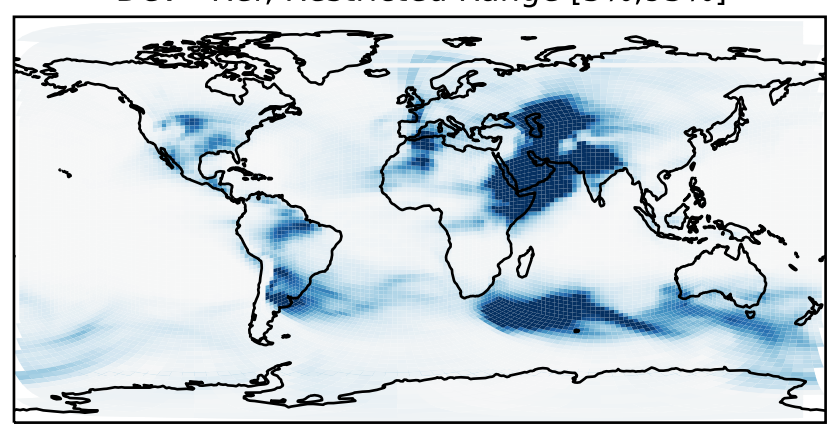


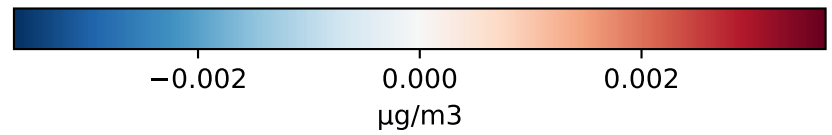
Difference
Dev - Ref, Dynamic Range



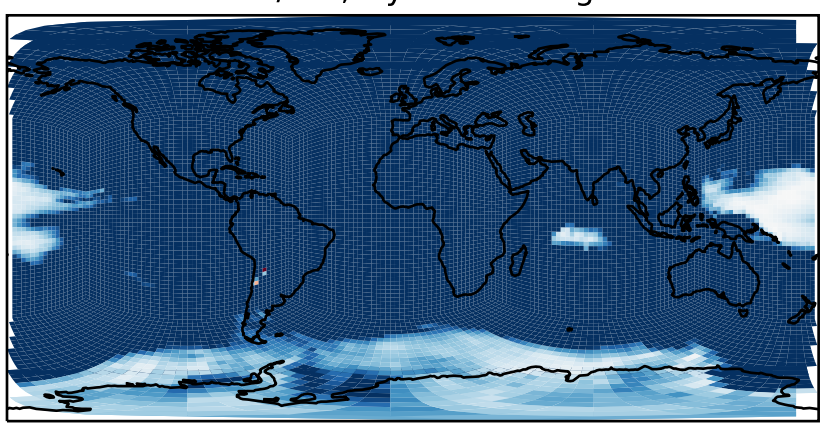


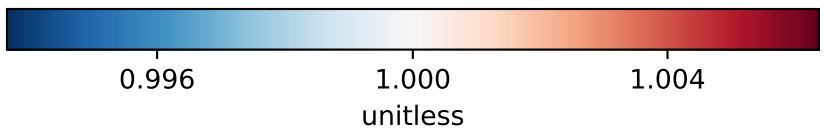
Difference
Dev - Ref, Restricted Range [5%,95%]



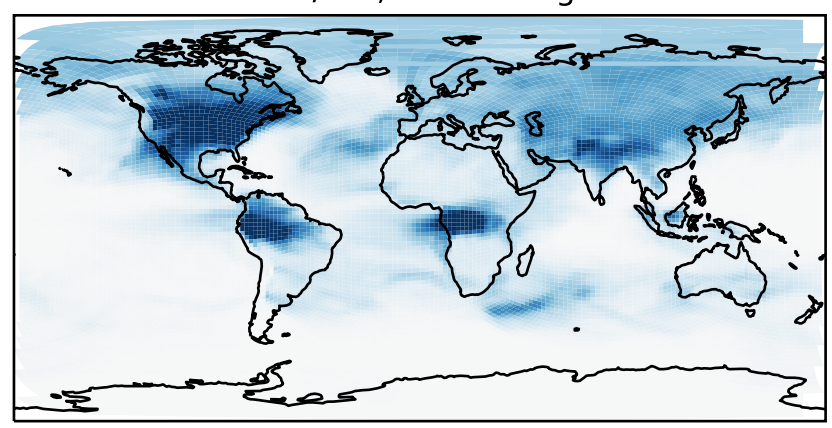


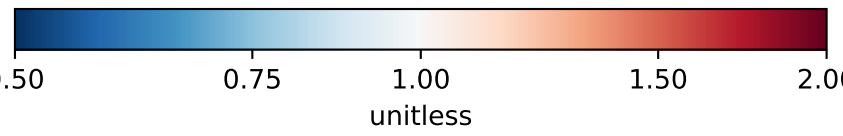
Ratio
Dev/Ref, Dynamic Range





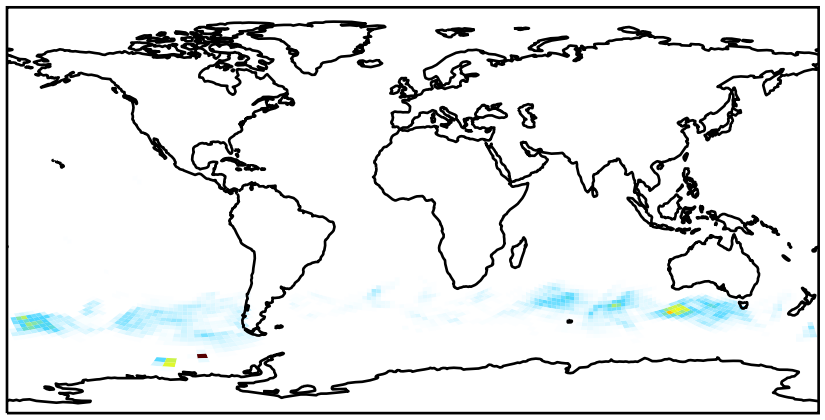
Ratio
Dev/Ref, Fixed Range

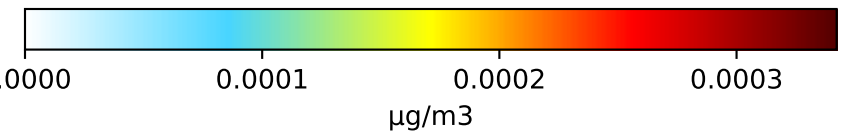




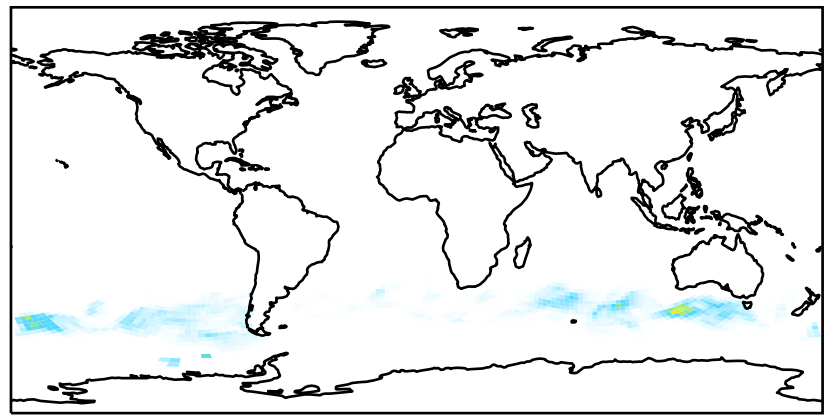
SpeciesConc_SALCAL

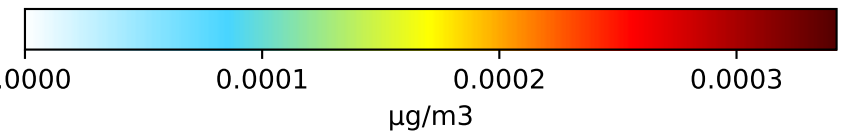
GCHP_13.2.0 (Ref)
c48



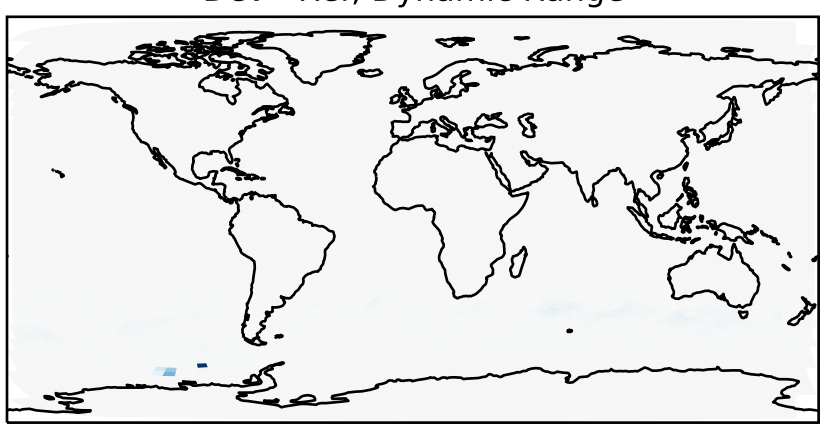


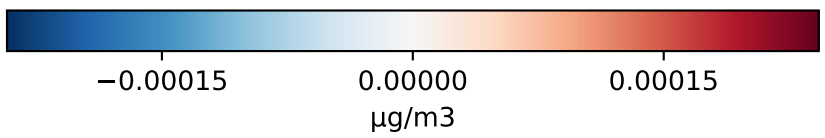
GCHP_13.3.0-rc.1 (Dev)
c48



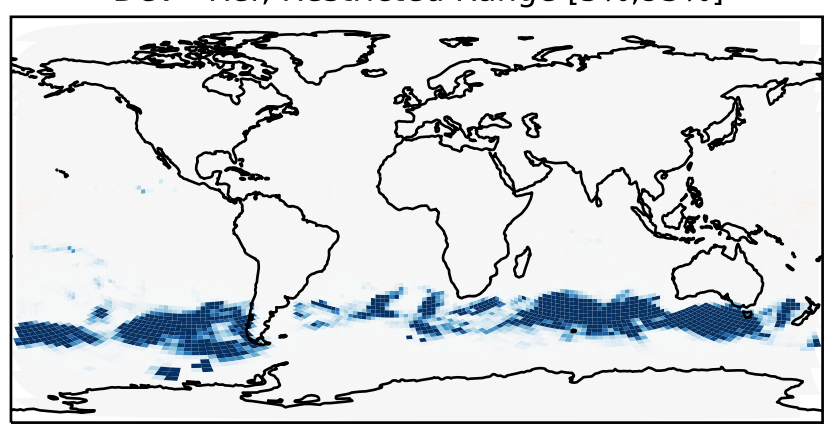


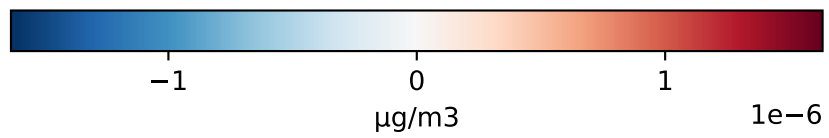
Difference
Dev - Ref, Dynamic Range



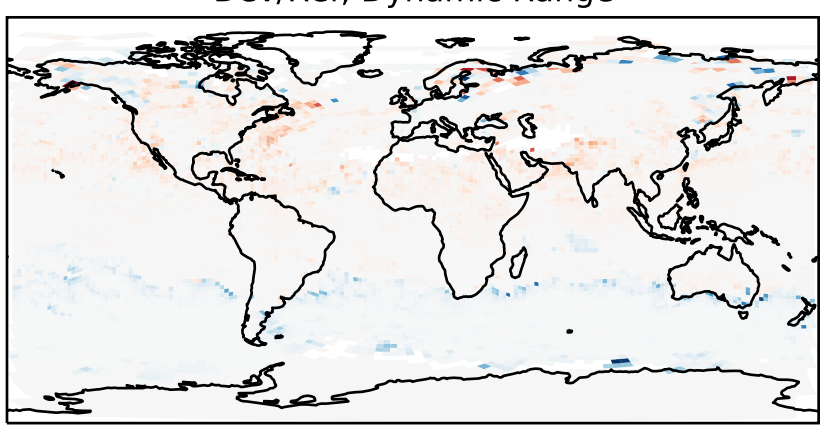


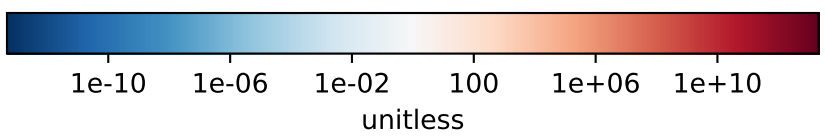
Difference
Dev - Ref, Restricted Range [5%,95%]



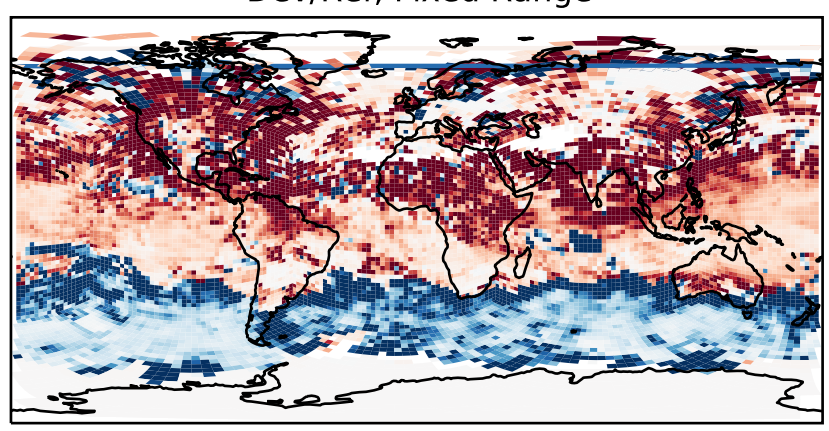


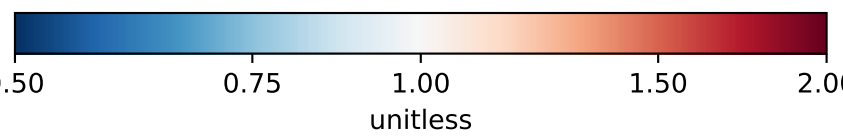
Ratio
Dev/Ref, Dynamic Range





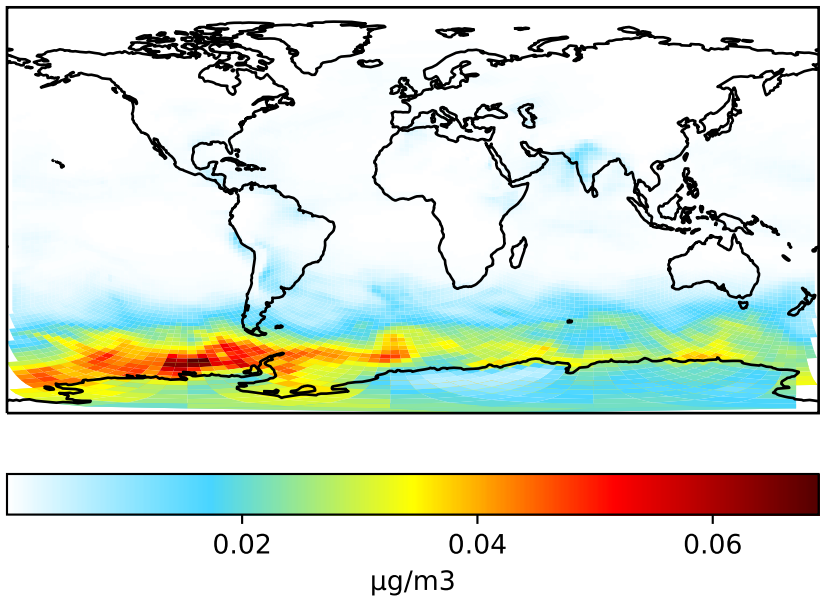
Ratio
Dev/Ref, Fixed Range



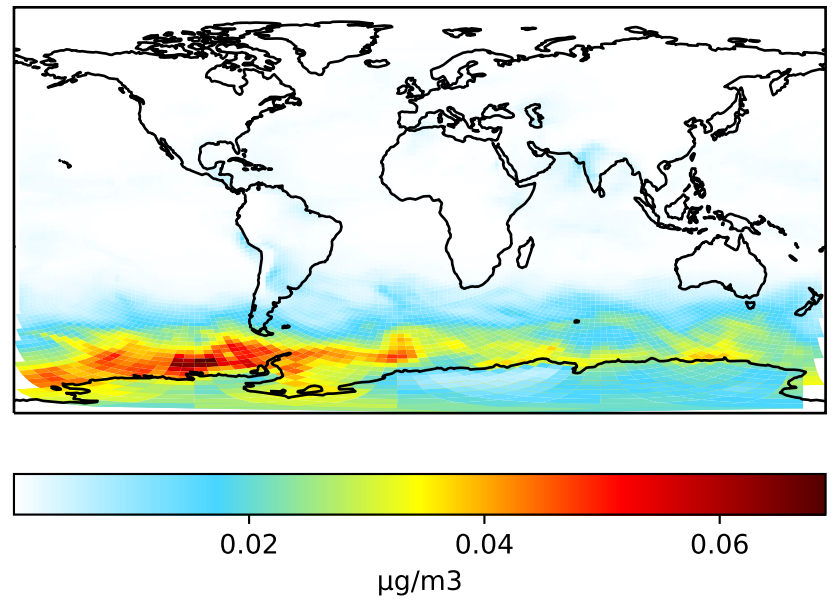


SpeciesConc_SALCCL

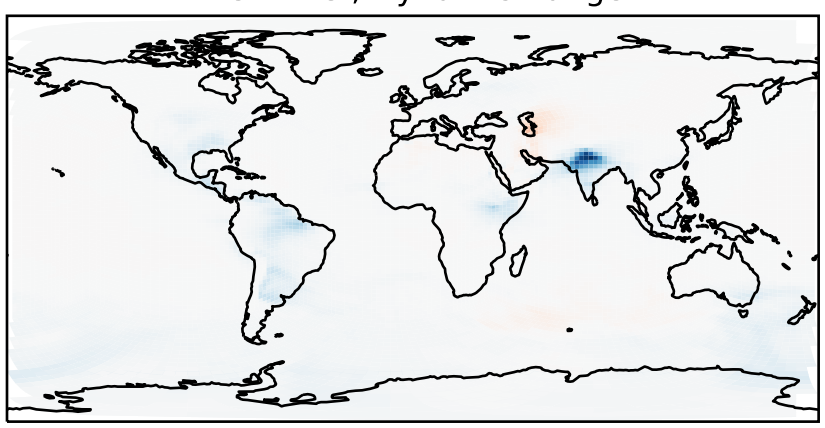
GCHP_13.2.0 (Ref)
c48

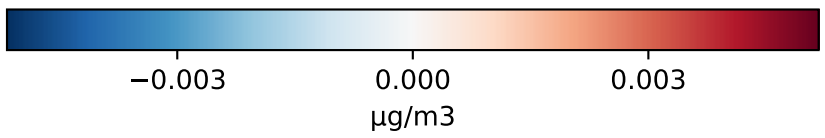


GCHP_13.3.0-rc.1 (Dev)
c48

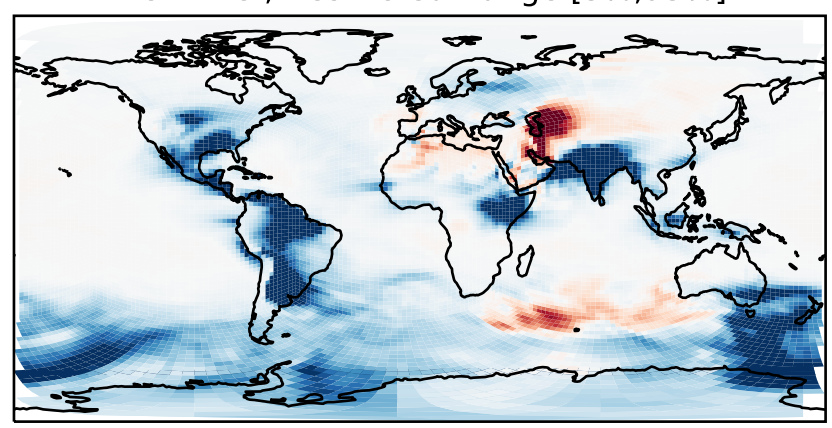


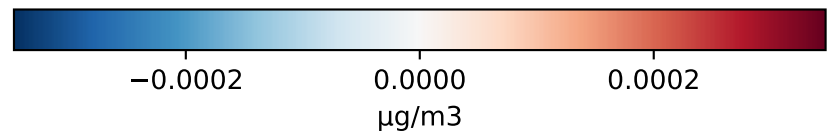
Difference
Dev - Ref, Dynamic Range



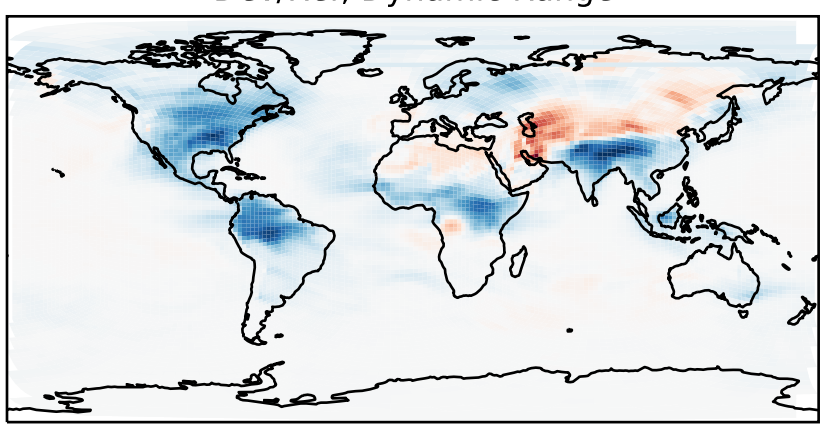


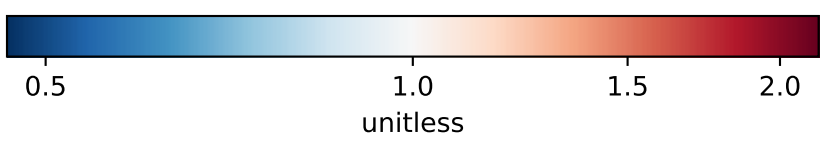
Difference
Dev - Ref, Restricted Range [5%,95%]



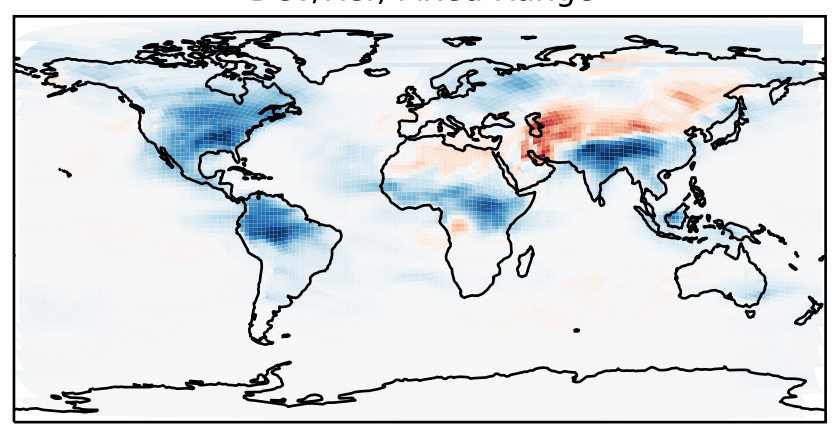


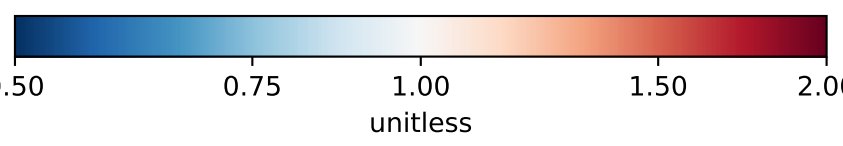
Ratio
Dev/Ref, Dynamic Range





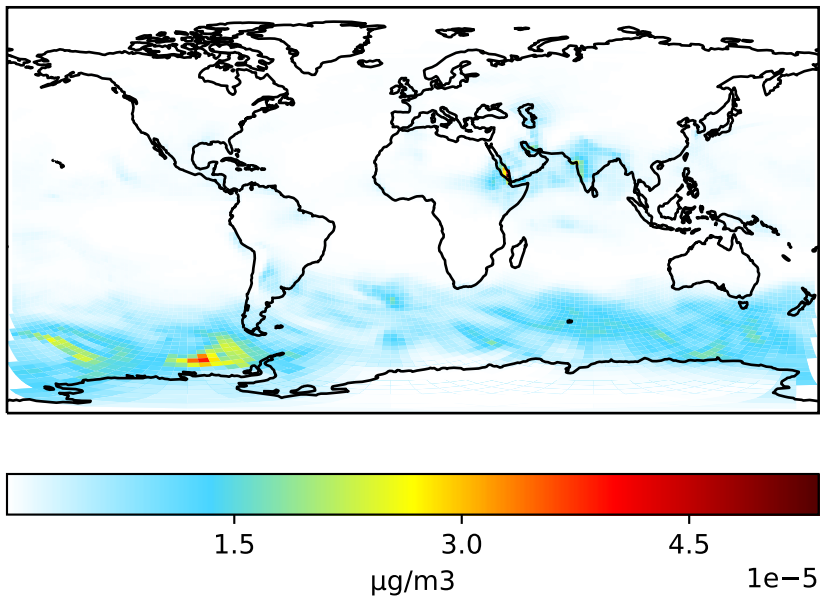
Ratio
Dev/Ref, Fixed Range



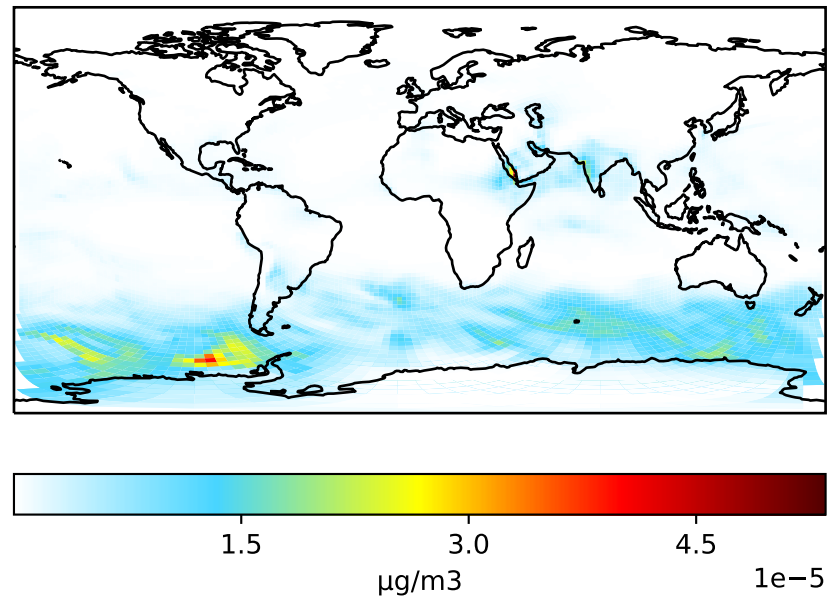


SpeciesConc_SO4s

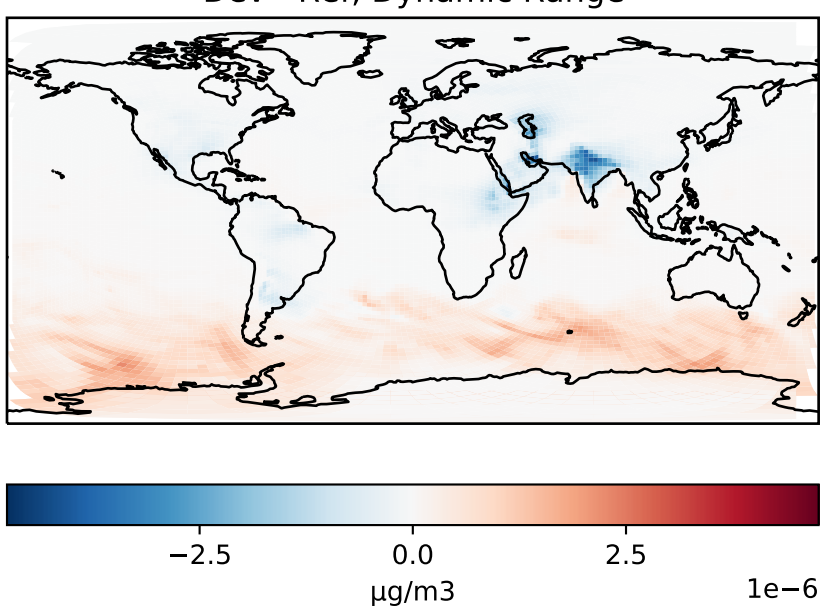
GCHP_13.2.0 (Ref)
c48



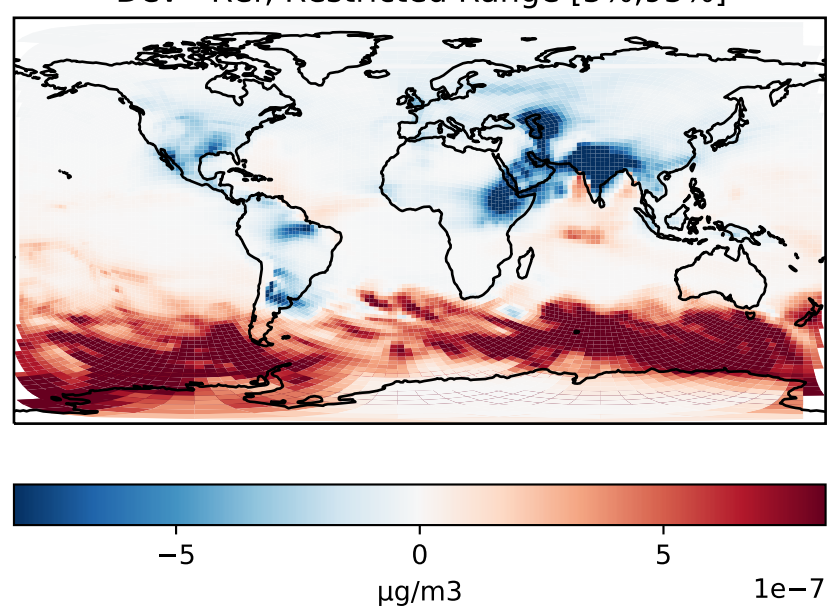
GCHP_13.3.0-rc.1 (Dev)
c48



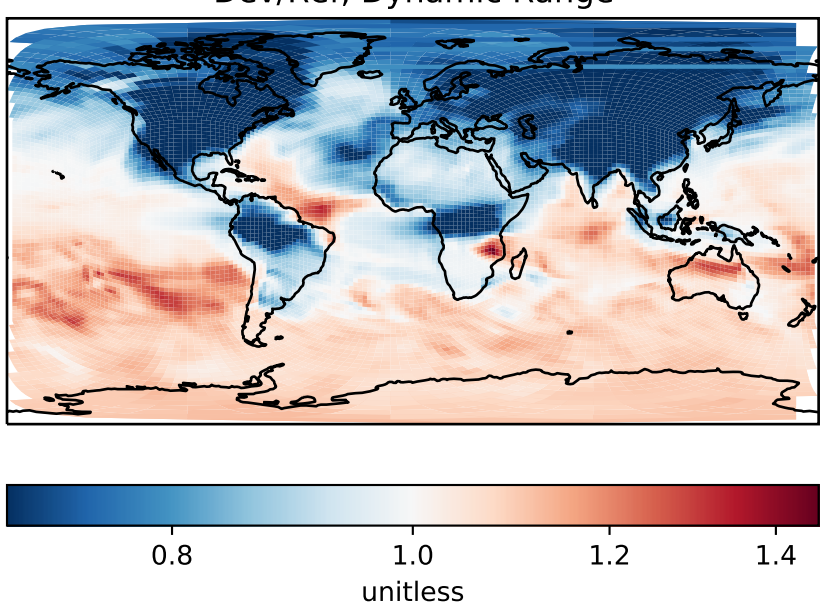
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

