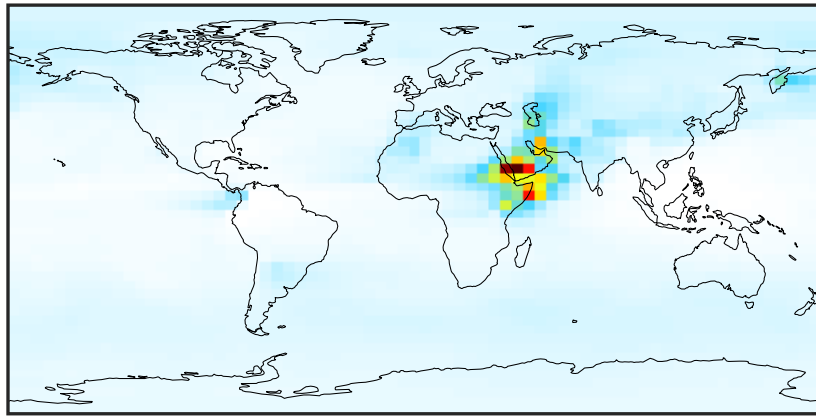


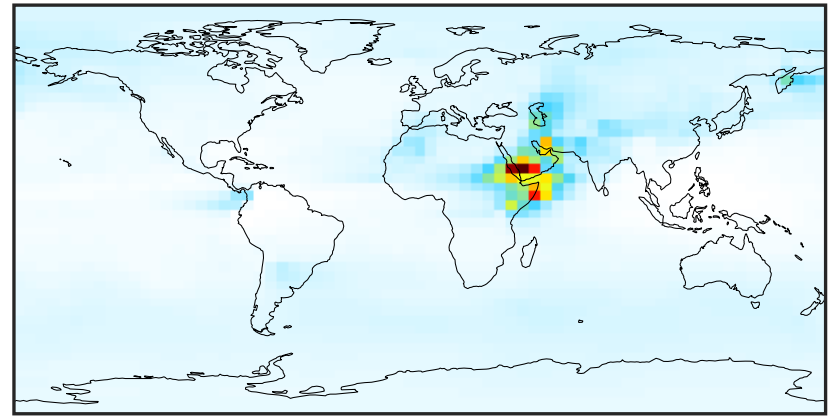
# SpeciesConcVV\_SOx (Jul2019)

14.2.0-rc.2 (Ref)  
4.0x5.0



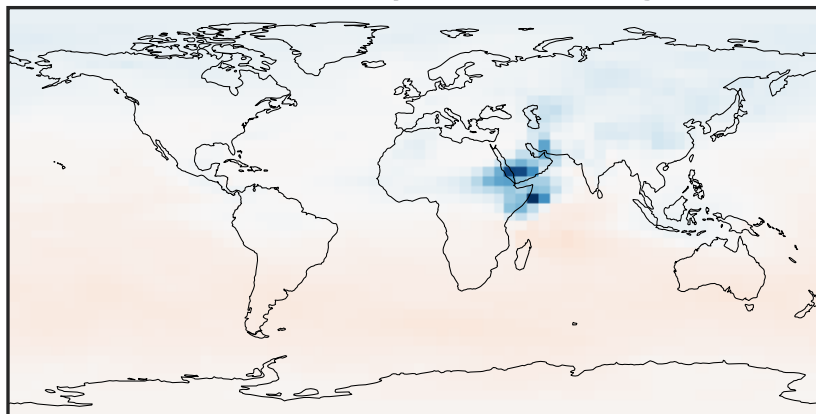
0.0017 0.1586 0.3156 0.4725 0.6295  
ppb

14.3.0-rc.0 (Dev)  
4.0x5.0



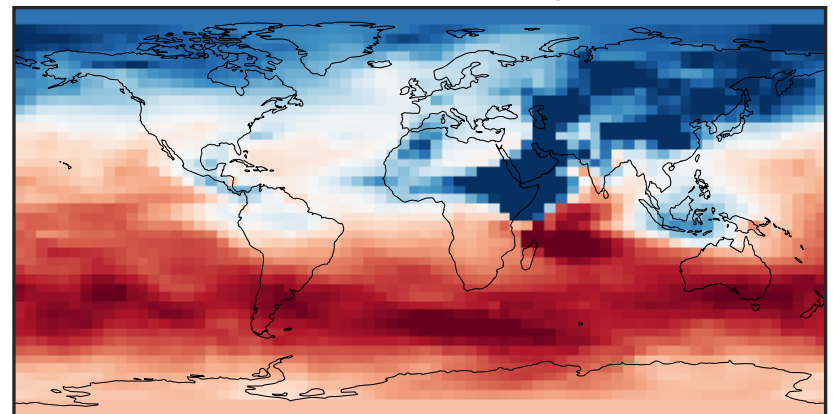
0.0017 0.1586 0.3156 0.4725 0.6295  
ppb

Difference  
Dev - Ref, Dynamic Range



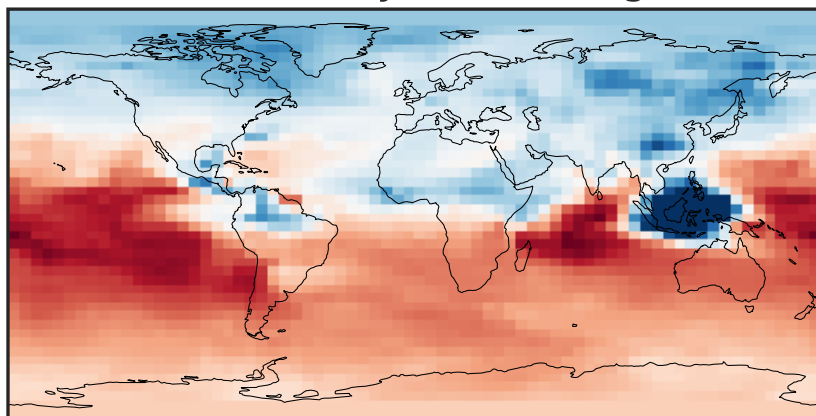
-0.002 0.000 0.002  
ppb

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



-0.0002 0.0000 0.0002  
ppb

Ratio  
Dev/Ref, Dynamic Range



0.97870 0.98935 1.00000 1.01088 1.02176  
unitless

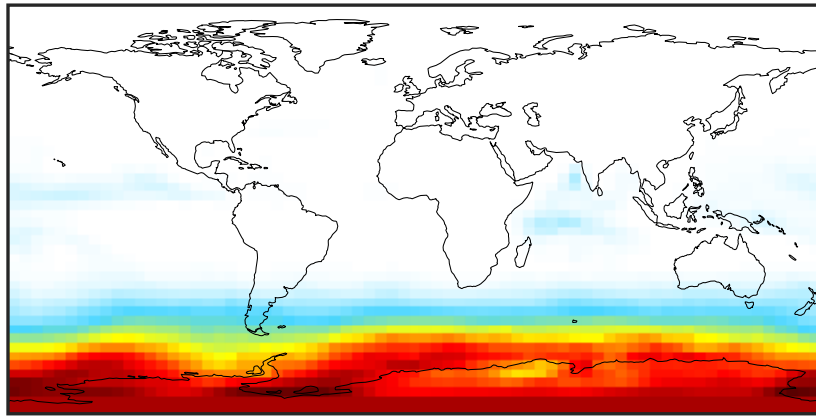
Ratio  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

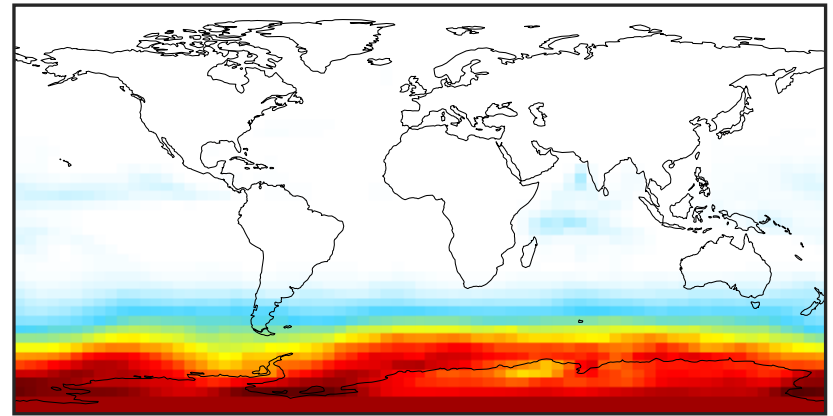
# SpeciesConcVV\_DMS (Jul2019)

14.2.0-rc.2 (Ref)  
4.0x5.0



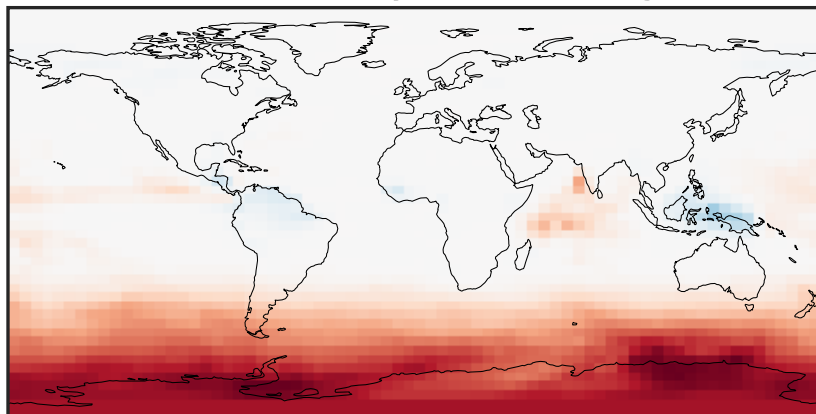
0.0000 0.0316 0.0632 0.0948 0.1264  
ppb

14.3.0-rc.0 (Dev)  
4.0x5.0



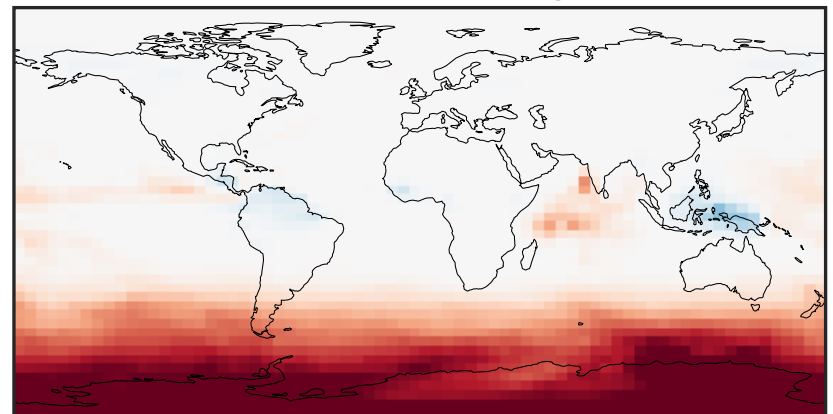
0.0000 0.0316 0.0632 0.0948 0.1264  
ppb

Difference  
Dev - Ref, Dynamic Range



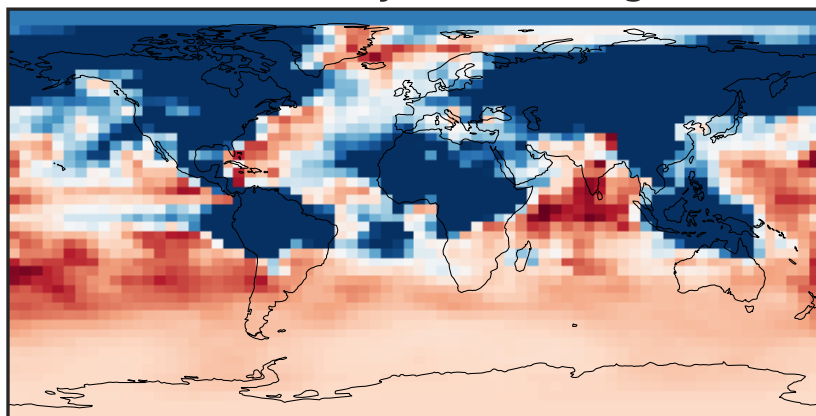
-0.0008 0.0000 0.0008  
ppb

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



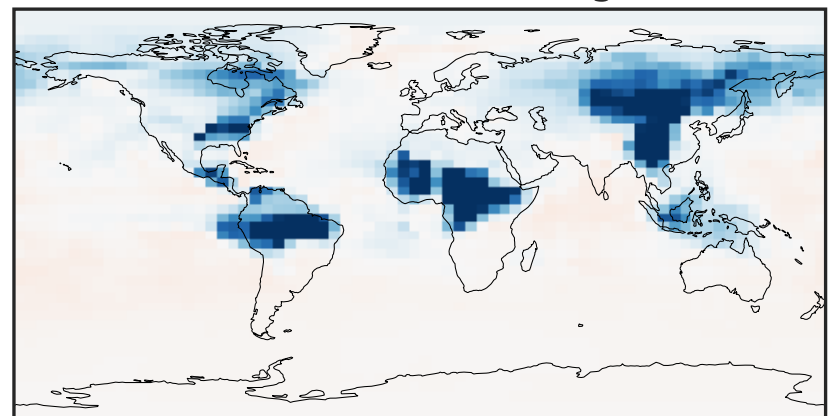
-0.0006 0.0000 0.0006  
ppb

Ratio  
Dev/Ref, Dynamic Range



0.9465 0.9732 1.0000 1.0283 1.0566  
unitless

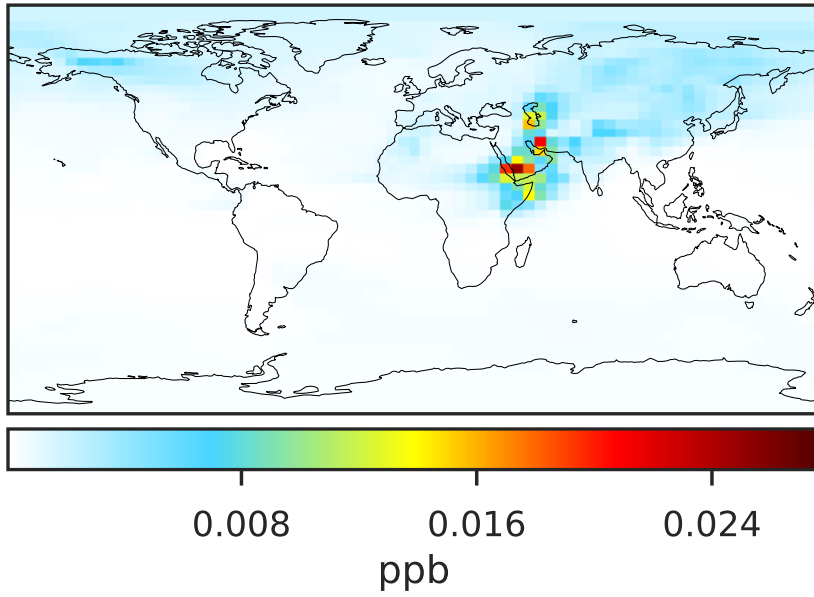
Ratio  
Dev/Ref, Fixed Range



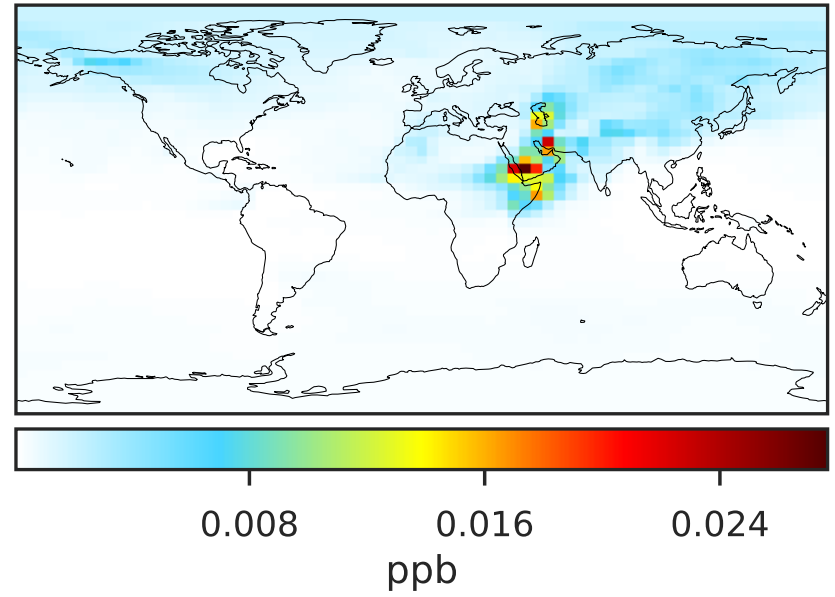
0.50 0.75 1.00 1.50 2.00  
unitless

# SpeciesConcVV\_HMS (Jul2019)

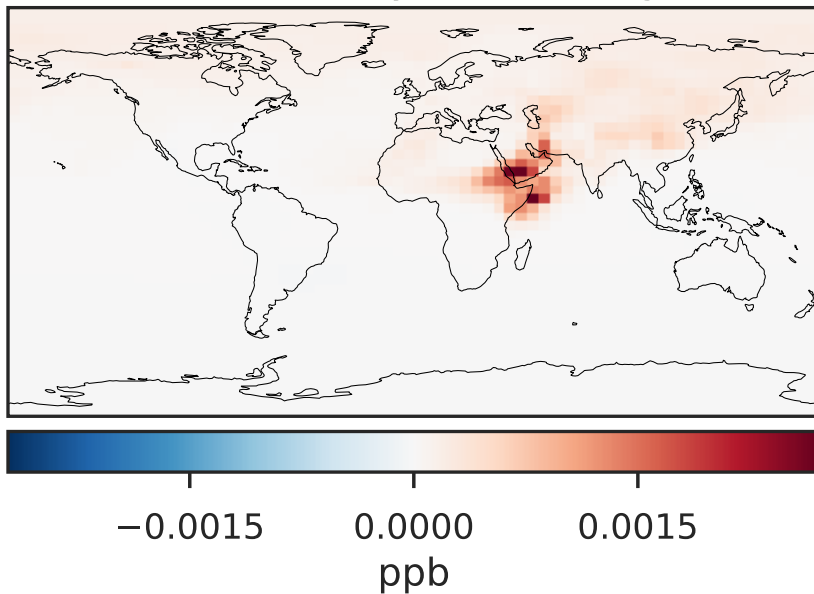
14.2.0-rc.2 (Ref)  
4.0x5.0



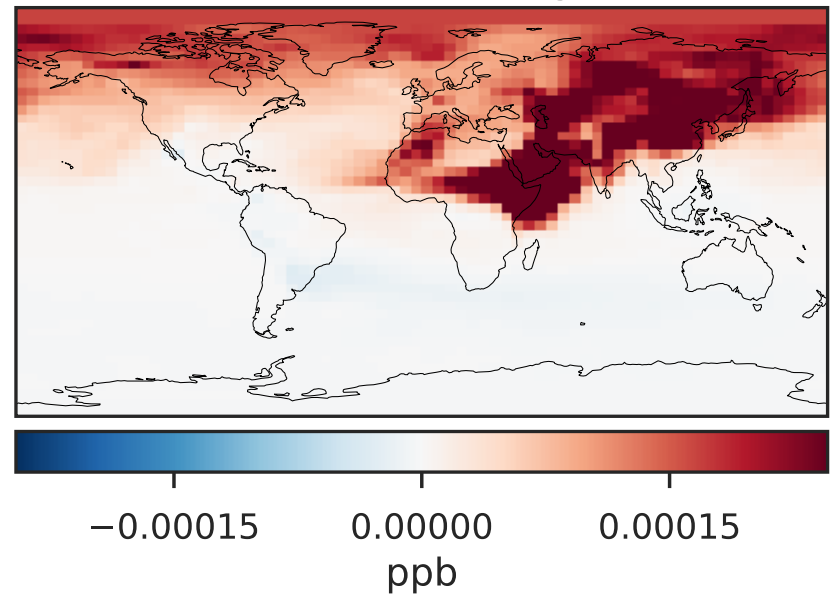
14.3.0-rc.0 (Dev)  
4.0x5.0



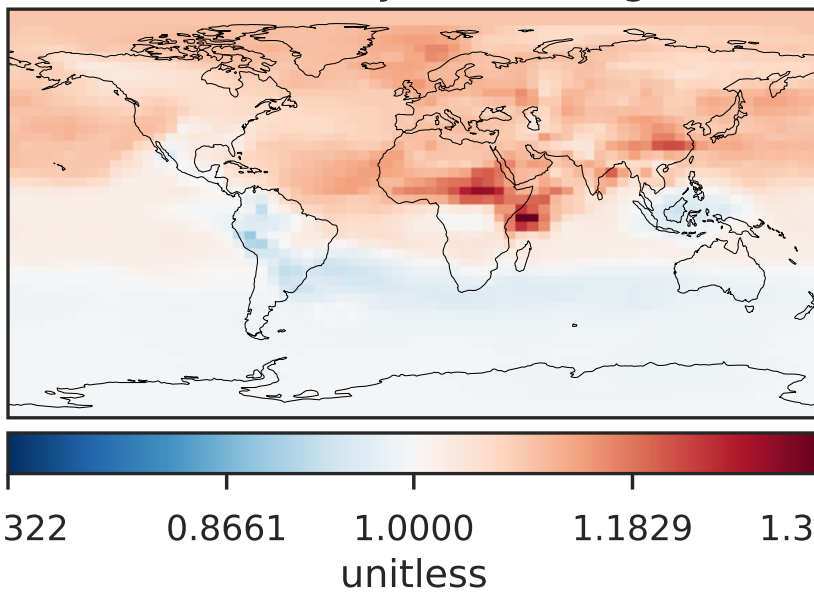
Difference  
Dev - Ref, Dynamic Range



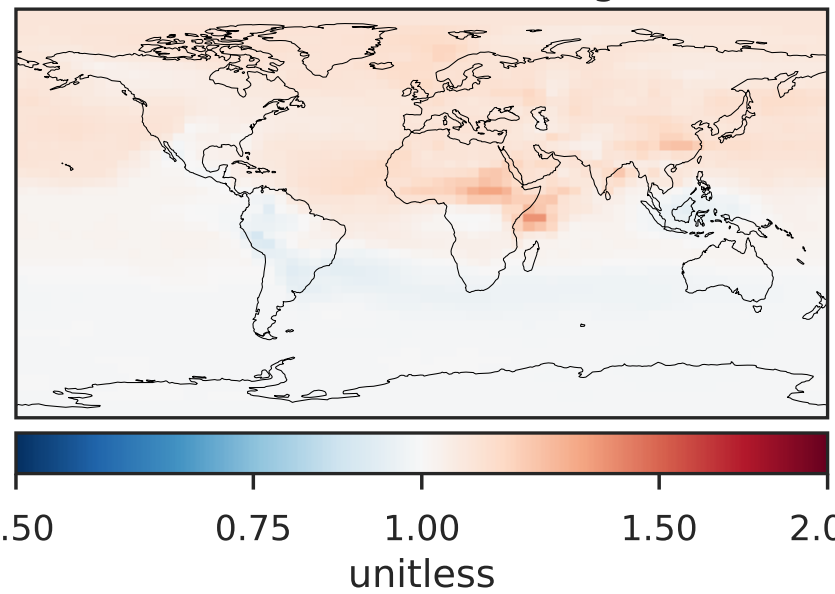
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

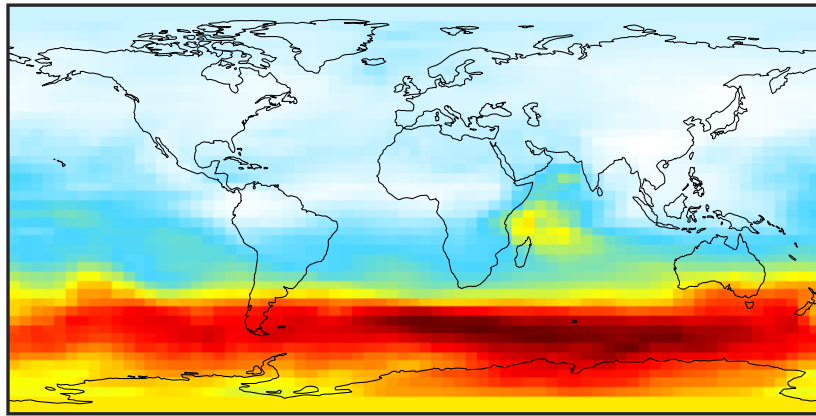


Ratio  
Dev/Ref, Fixed Range



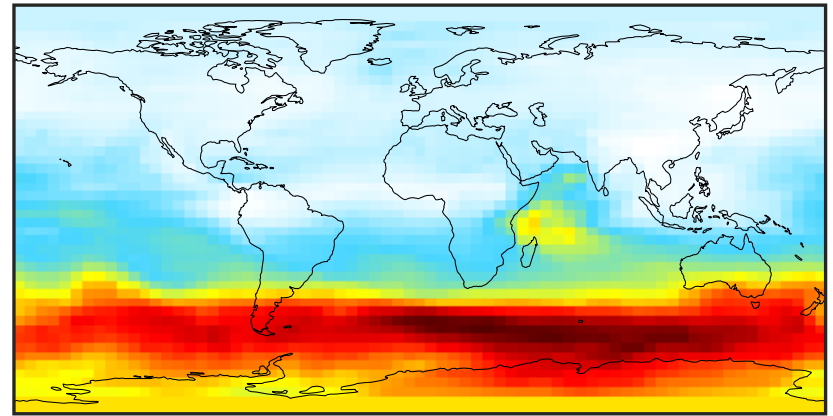
# SpeciesConcVV\_MSA (Jul2019)

14.2.0-rc.2 (Ref)  
4.0x5.0



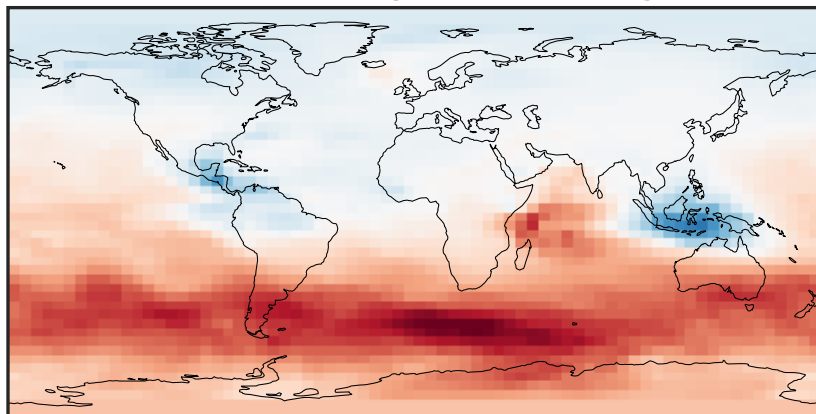
0.0015 0.0030 0.0045  
ppb

14.3.0-rc.0 (Dev)  
4.0x5.0



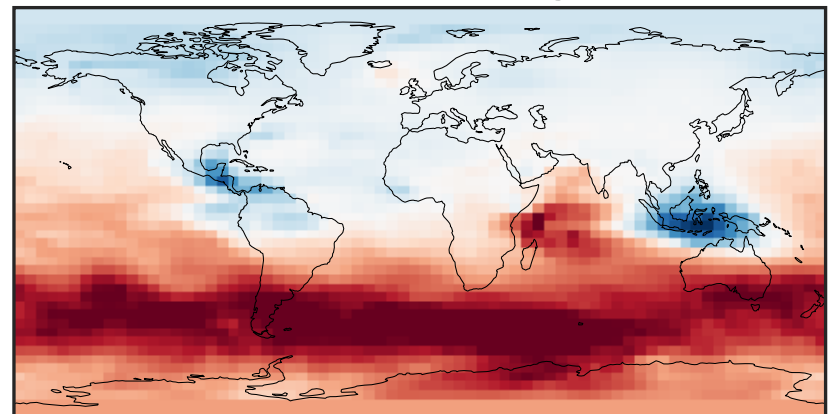
0.0015 0.0030 0.0045  
ppb

Difference  
Dev - Ref, Dynamic Range



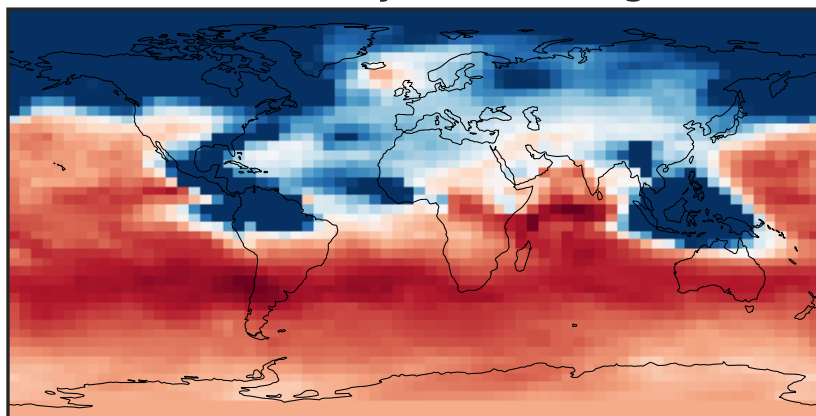
-5 0 5  
ppb  $1e-5$

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



-4 0 4  
ppb  $1e-5$

Ratio  
Dev/Ref, Dynamic Range



0.97502 0.98751 1.00000 1.01281 1.02562  
unitless

Ratio  
Dev/Ref, Fixed Range

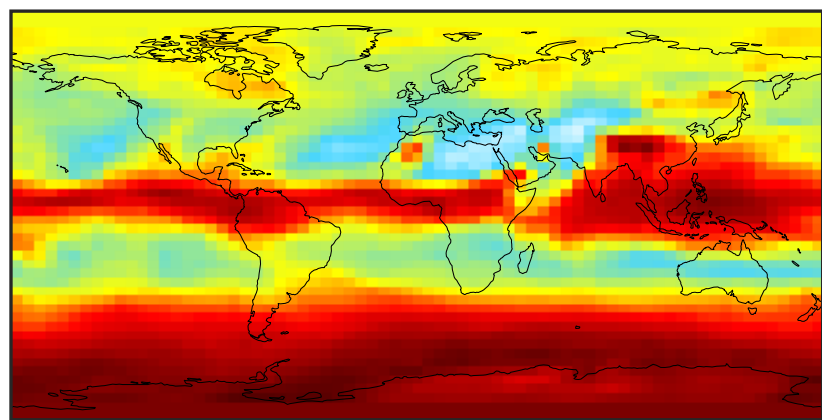


0.50 0.75 1.00 1.50 2.00  
unitless



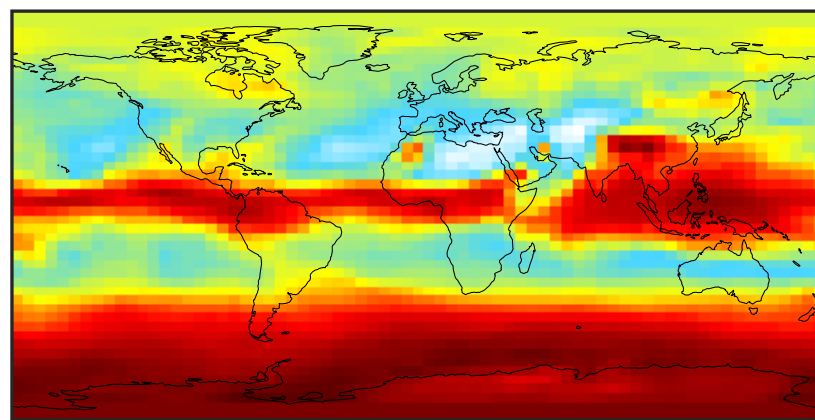
# SpeciesConcVV\_OCS (Jul2019)

14.2.0-rc.2 (Ref)  
4.0x5.0



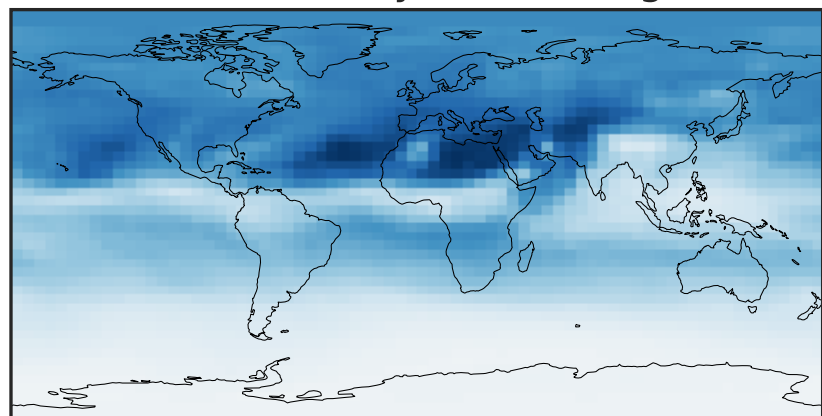
0.4960 0.4975 0.4990  
ppb

14.3.0-rc.0 (Dev)  
4.0x5.0



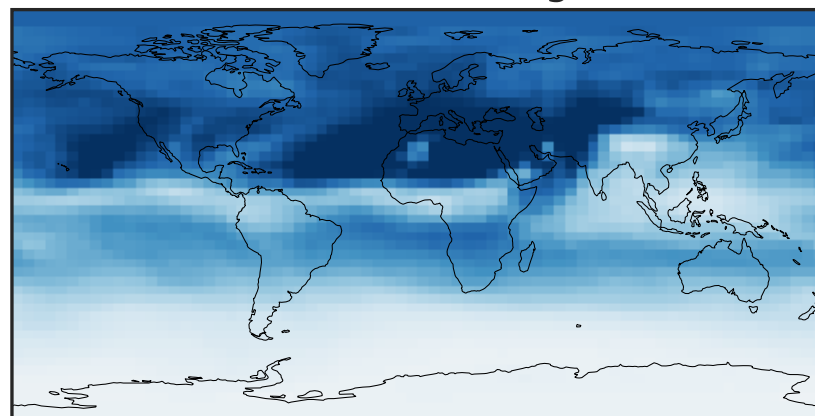
0.4960 0.4975 0.4990  
ppb

Difference  
Dev - Ref, Dynamic Range



-0.00015 0.00000 0.00015  
ppb

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



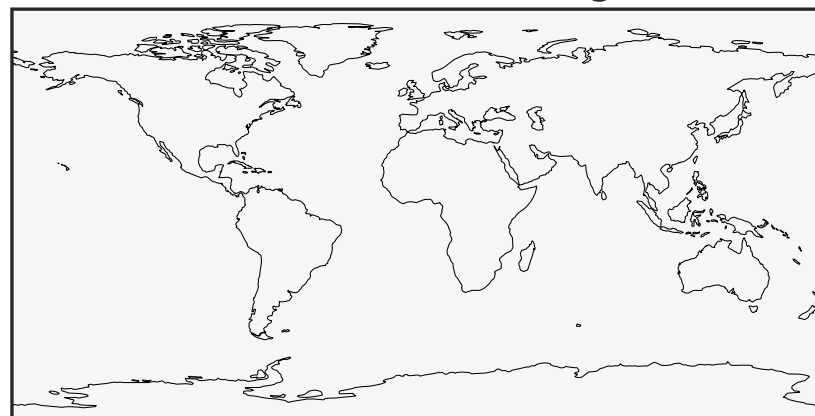
-0.00015 0.00000 0.00015  
ppb

Ratio  
Dev/Ref, Dynamic Range



0.99997813 1.0000000 1.00002188  
unitless

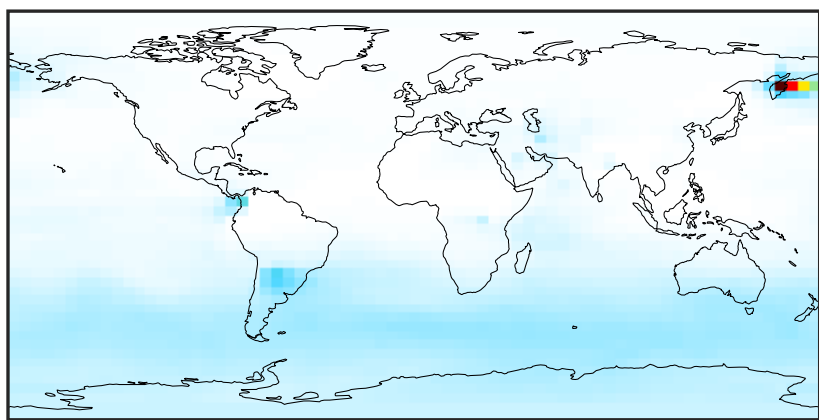
Ratio  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

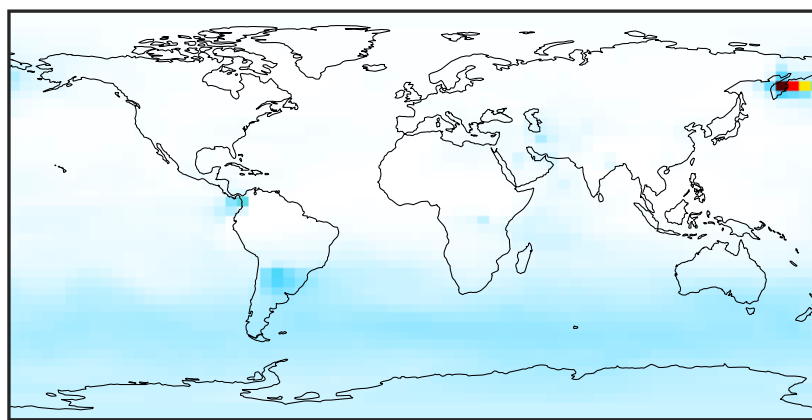
# SpeciesConcVV\_SO2 (Jul2019)

14.2.0-rc.2 (Ref)  
4.0x5.0



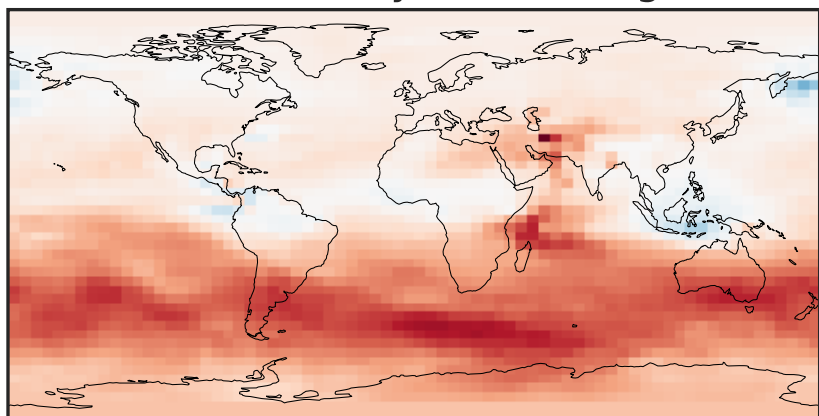
0.0000 0.0367 0.0734 0.1101 0.1468  
ppb

14.3.0-rc.0 (Dev)  
4.0x5.0



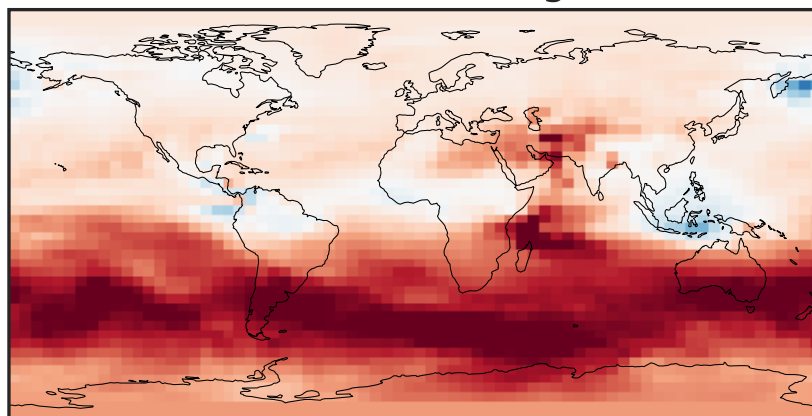
0.0000 0.0367 0.0734 0.1101 0.1468  
ppb

Difference  
Dev - Ref, Dynamic Range



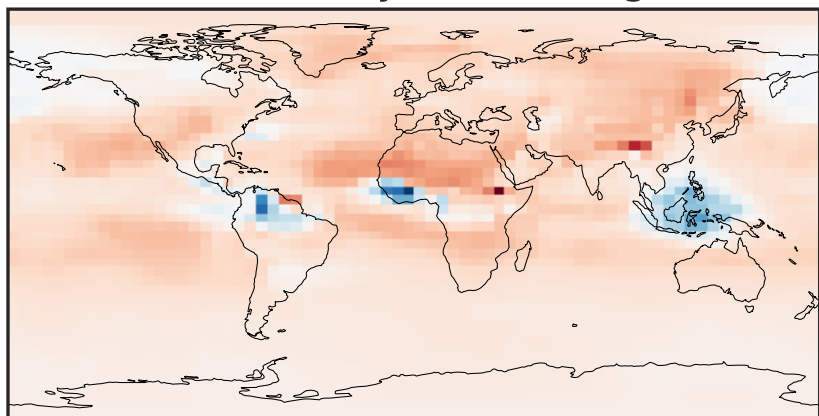
-0.00025 0.00000 0.00025  
ppb

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



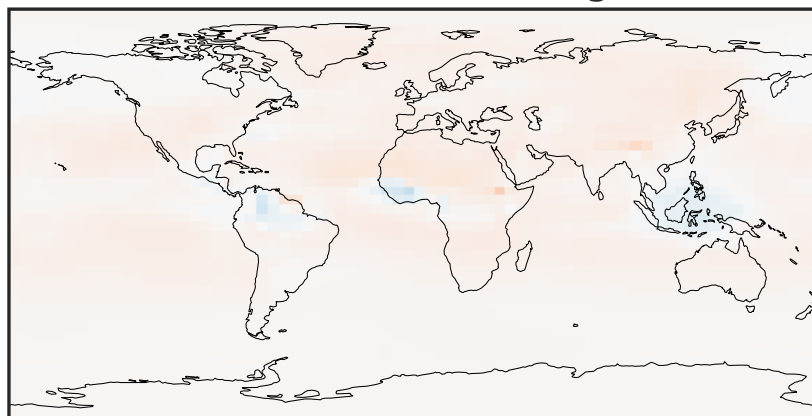
-0.00015 0.00000 0.00015  
ppb

Ratio  
Dev/Ref, Dynamic Range



0.8444 0.9222 1.0000 1.0921 1.1842  
unitless

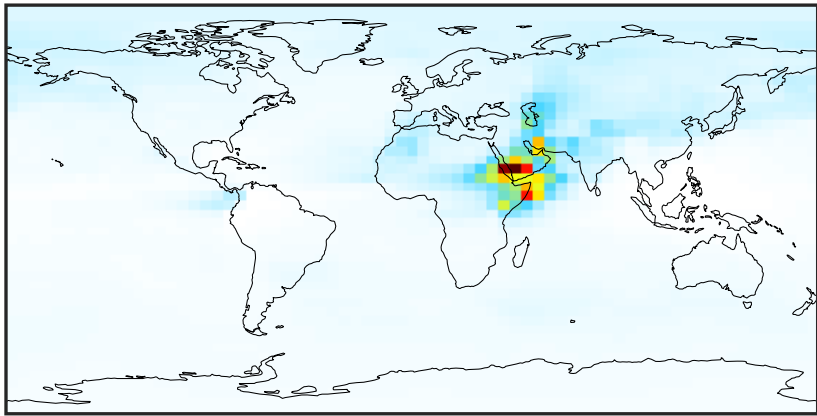
Ratio  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

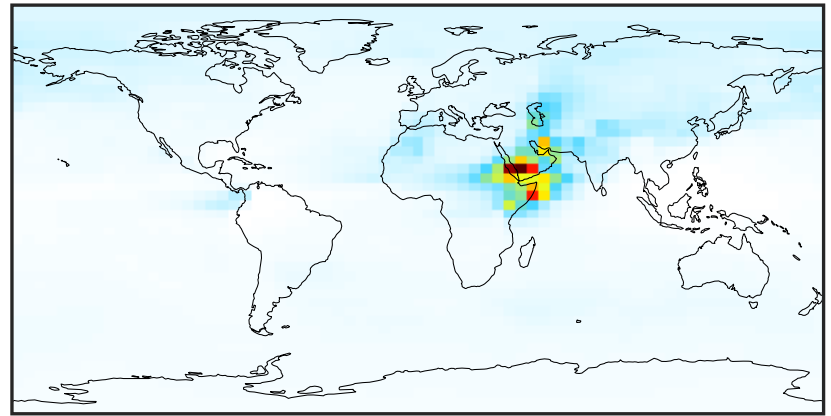
# SpeciesConcVV\_SO4 (Jul2019)

14.2.0-rc.2 (Ref)  
4.0x5.0



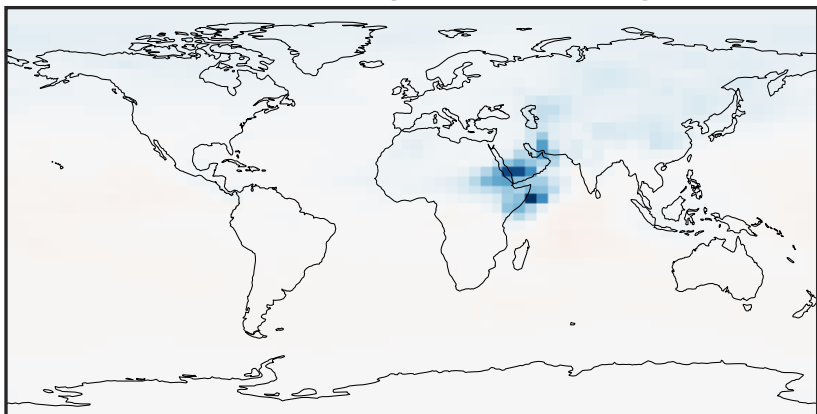
0.0017 0.1580 0.3144 0.4708 0.6272  
ppb

14.3.0-rc.0 (Dev)  
4.0x5.0



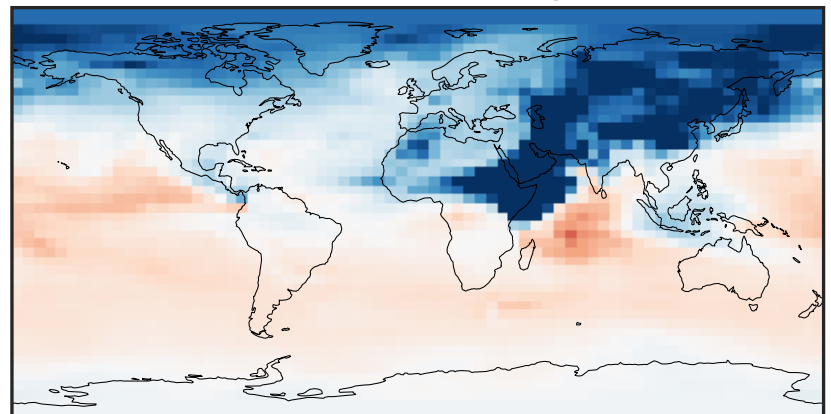
0.0017 0.1580 0.3144 0.4708 0.6272  
ppb

Difference  
Dev - Ref, Dynamic Range



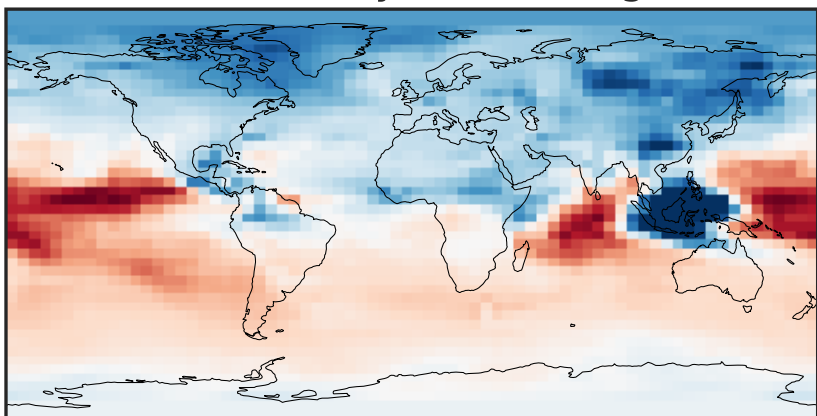
-0.0025 0.0000 0.0025  
ppb

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



-0.00025 0.00000 0.00025  
ppb

Ratio  
Dev/Ref, Dynamic Range



0.98291 0.99146 1.00000 1.00869 1.01738  
unitless

Ratio  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless