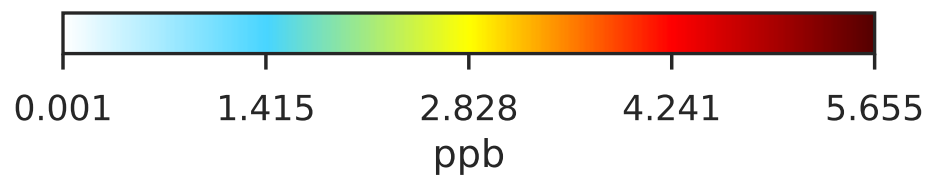
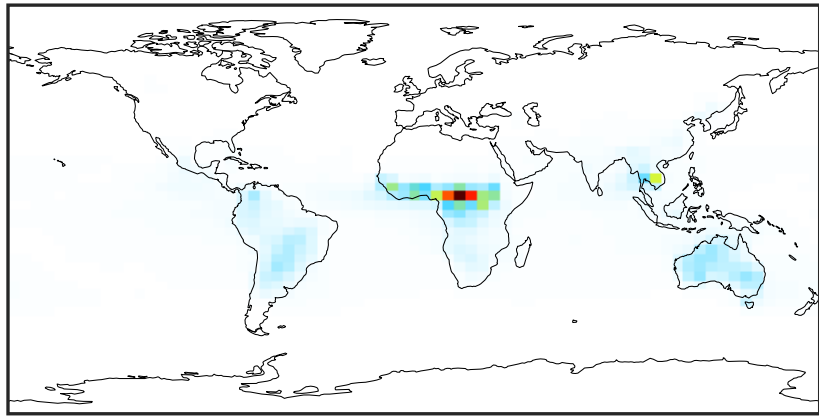
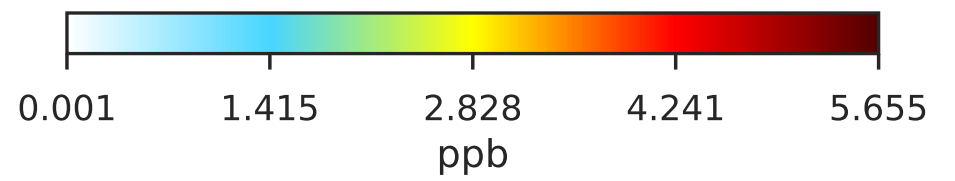
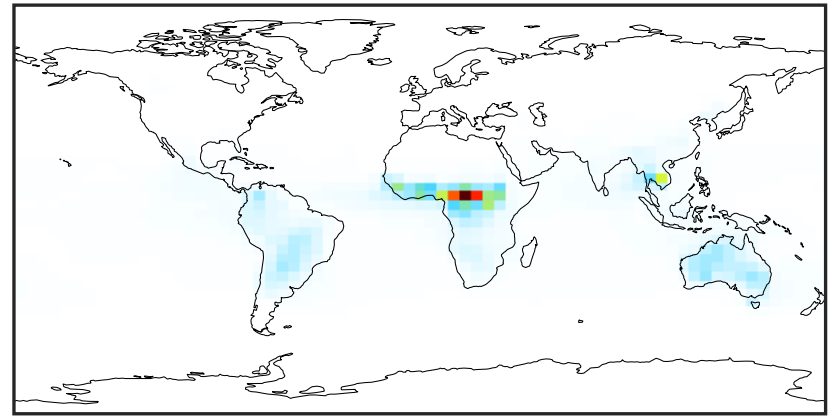


SpeciesConcVV_ACTA (Jan2019)

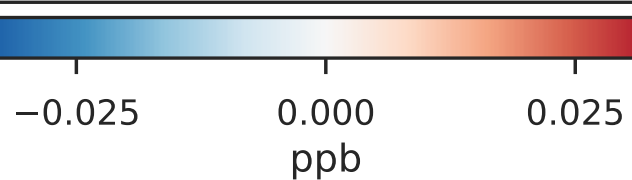
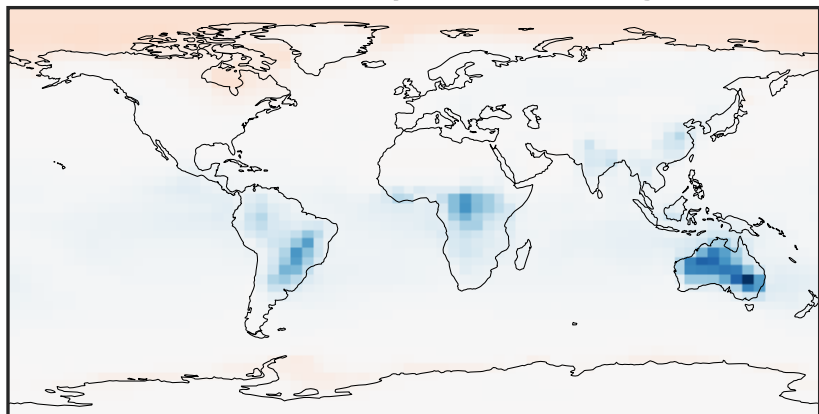
14.2.0-rc.2 (Ref)
4.0x5.0



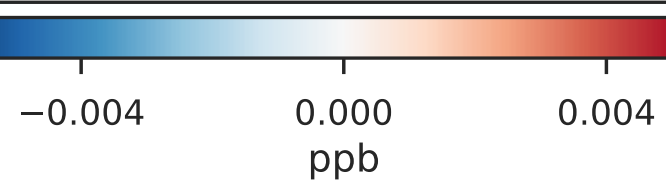
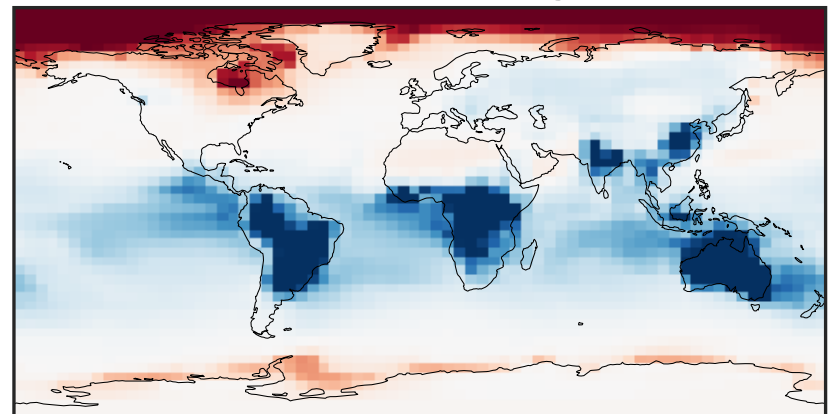
14.3.0-rc.0 (Dev)
4.0x5.0



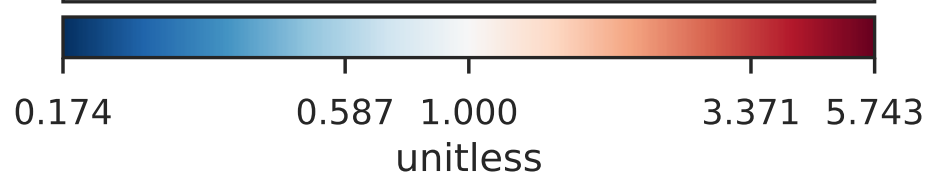
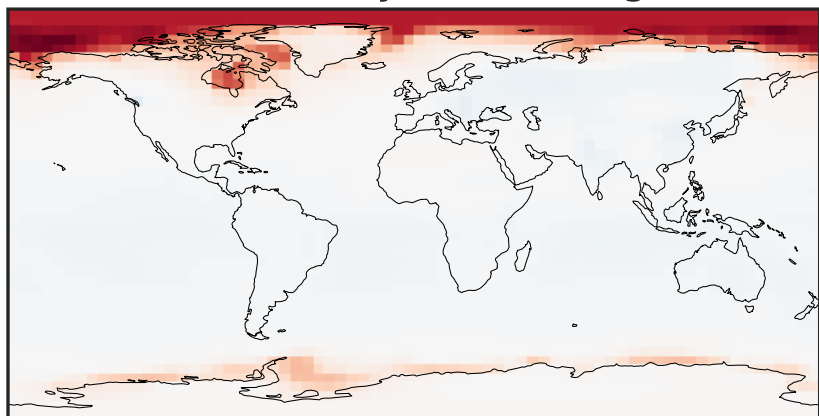
Difference
Dev - Ref, Dynamic Range



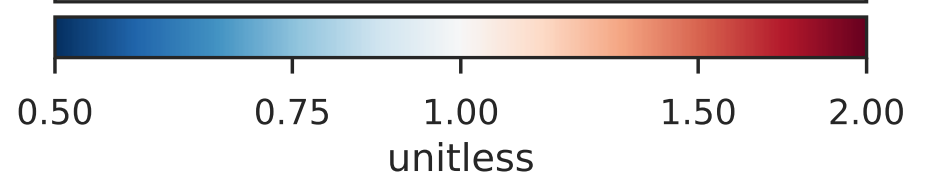
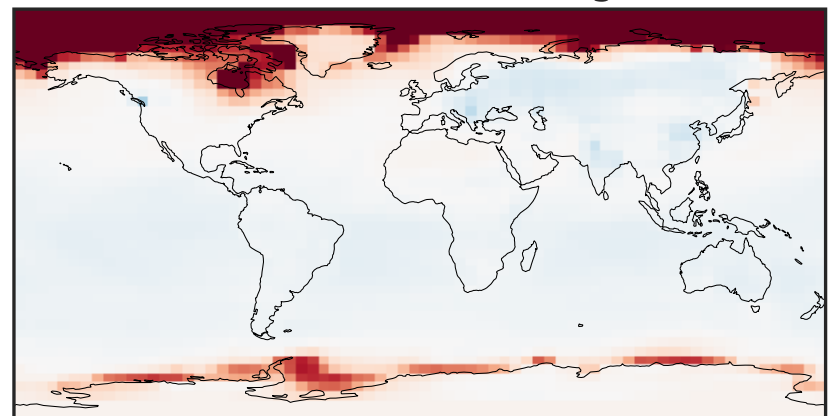
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

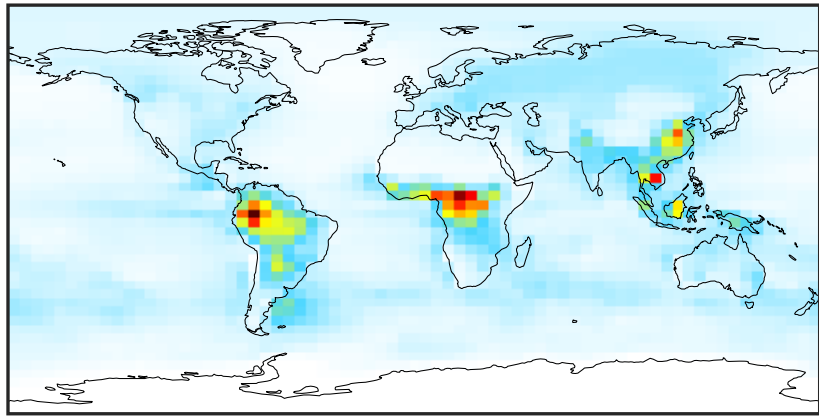


Ratio
Dev/Ref, Fixed Range



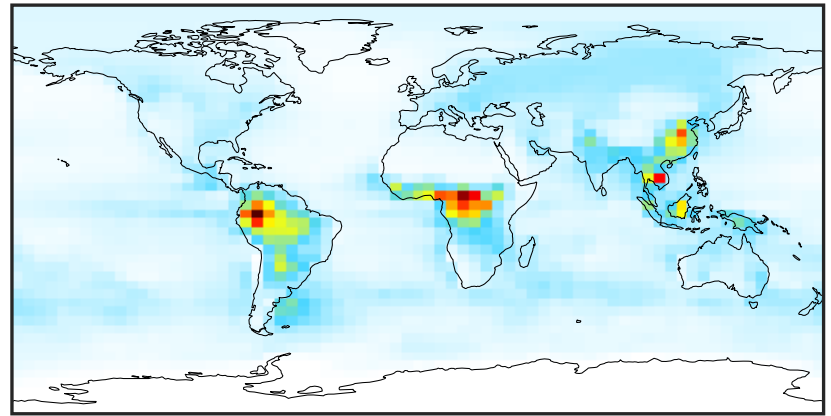
SpeciesConcVV_ALD2 (Jan2019)

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



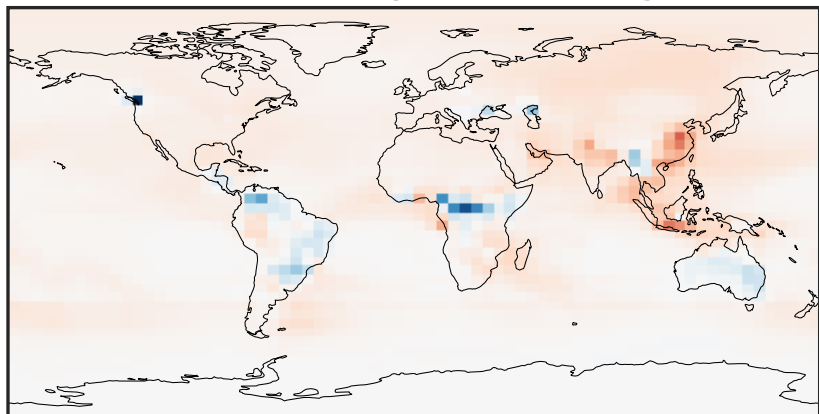
0.000 0.793 1.586 2.379 3.172
ppb

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



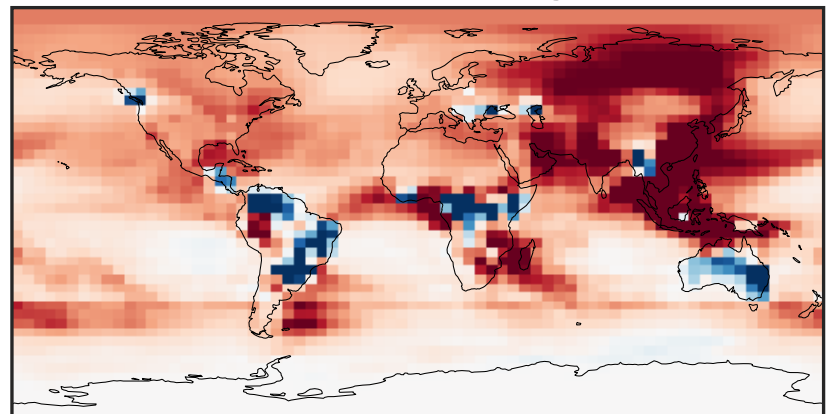
0.000 0.793 1.586 2.379 3.172
ppb

Difference
Dev - Ref, Dynamic Range



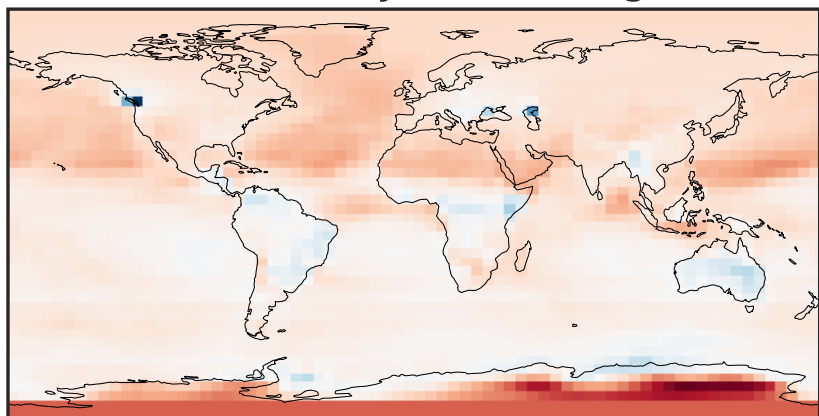
-0.0513 -0.0256 0.0000 0.0256 0.0513
ppb

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



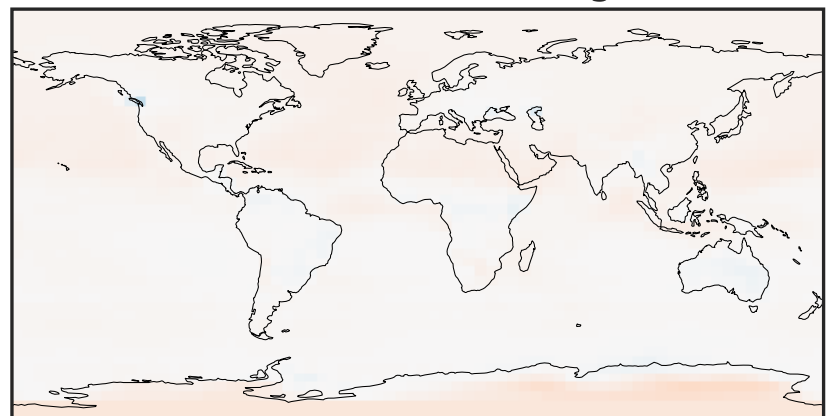
-0.004 0.000 0.004
ppb

Ratio
Dev/Ref, Dynamic Range



0.8741 0.9371 1.0000 1.0720 1.1440
unitless

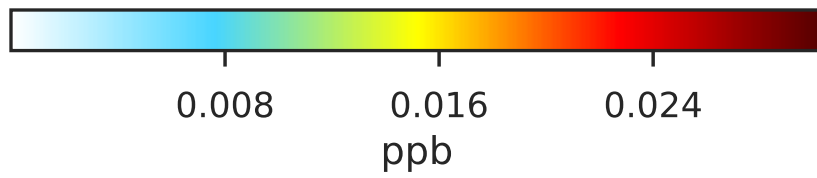
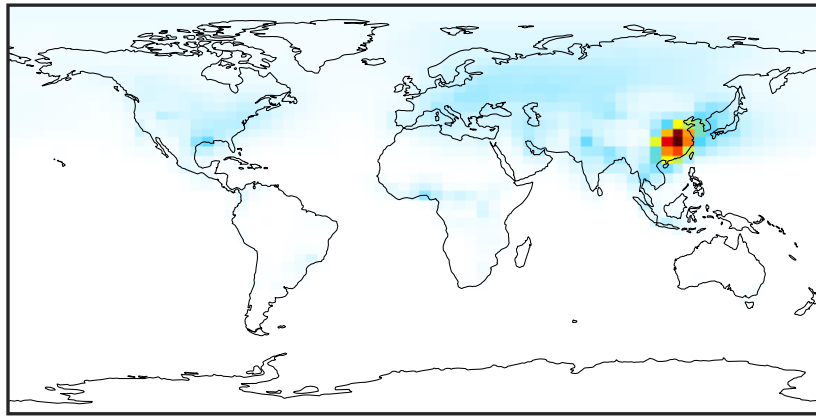
Ratio
Dev/Ref, Fixed Range



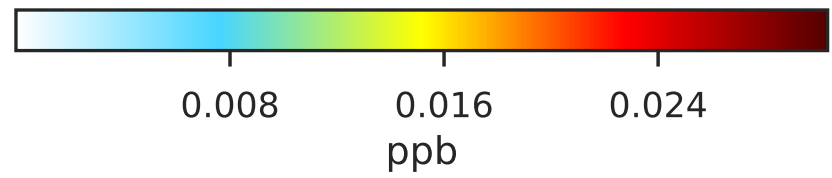
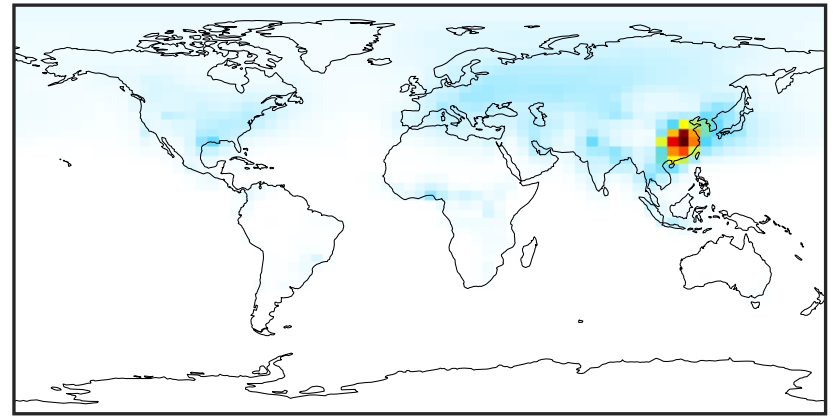
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_BALD (Jan2019)

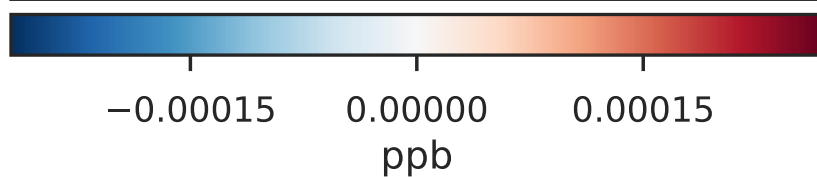
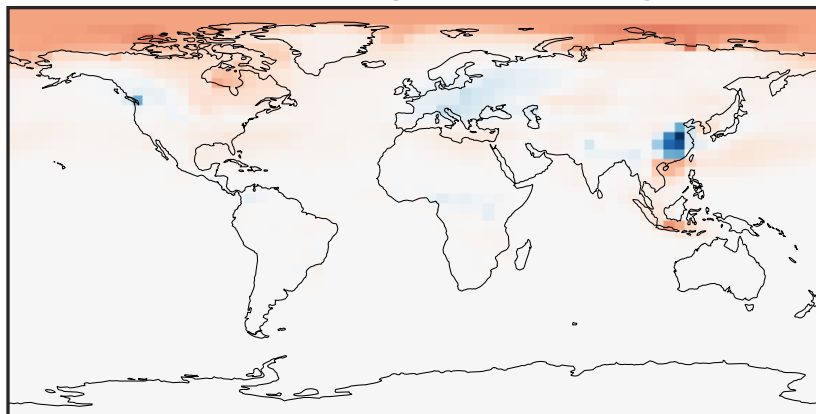
14.2.0-rc.2 (Ref)
4.0x5.0



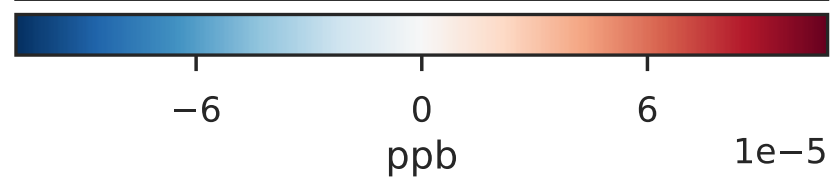
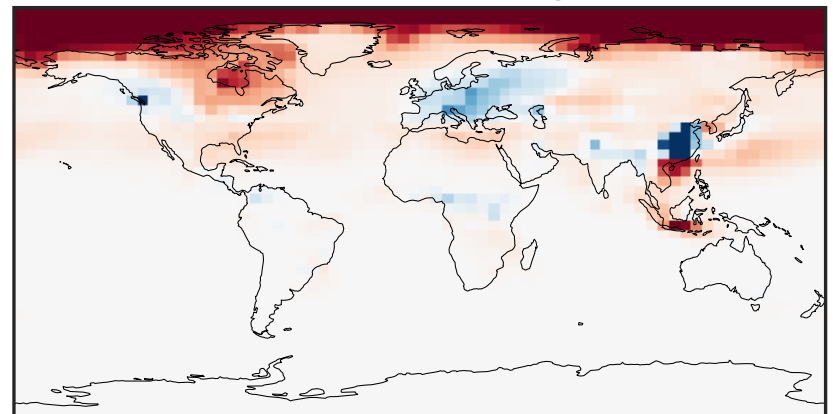
14.3.0-rc.0 (Dev)
4.0x5.0



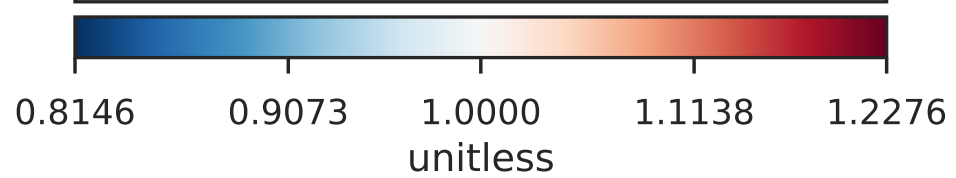
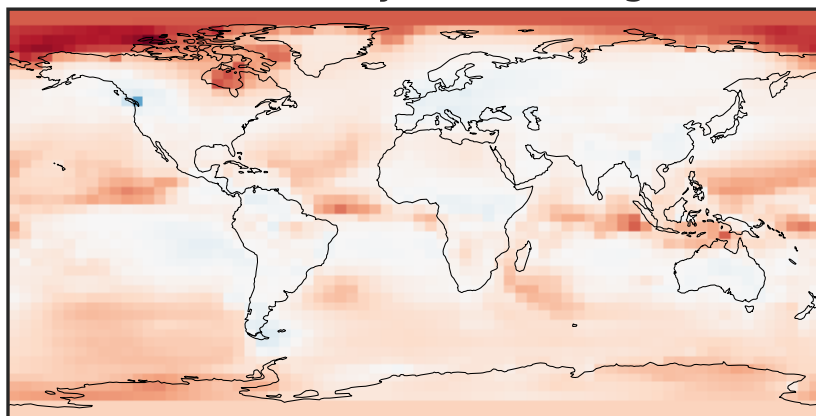
Difference
Dev - Ref, Dynamic Range



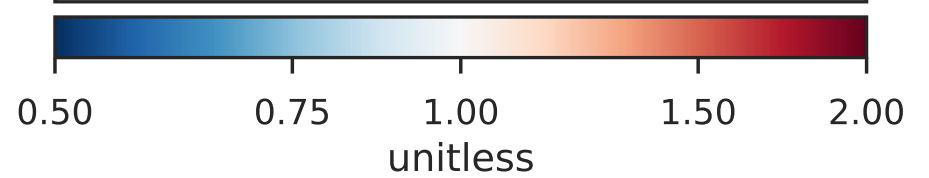
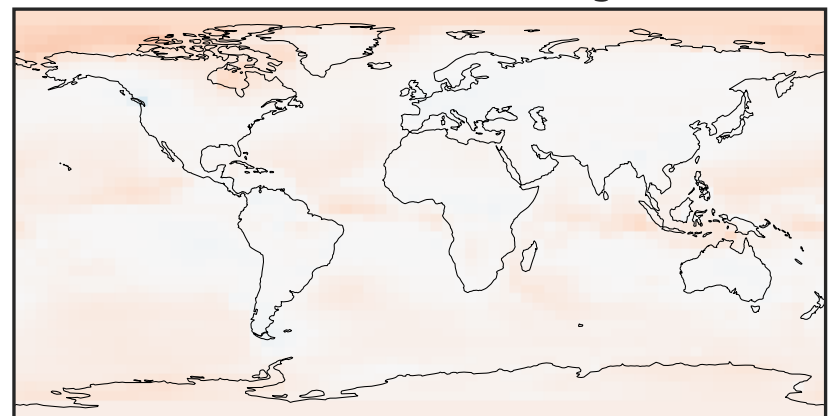
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

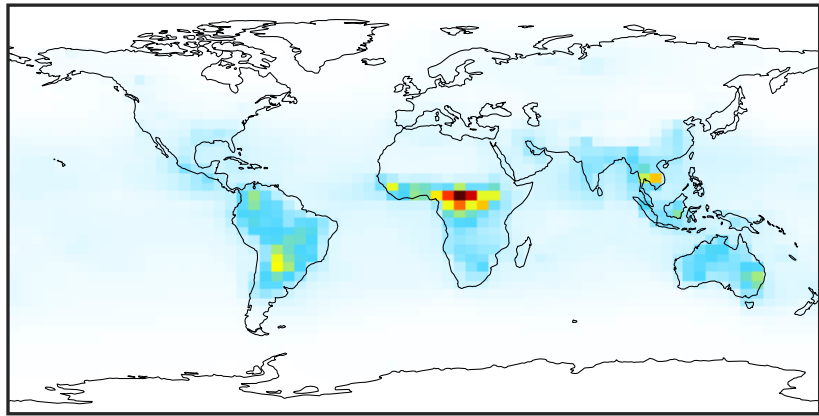


Ratio
Dev/Ref, Fixed Range



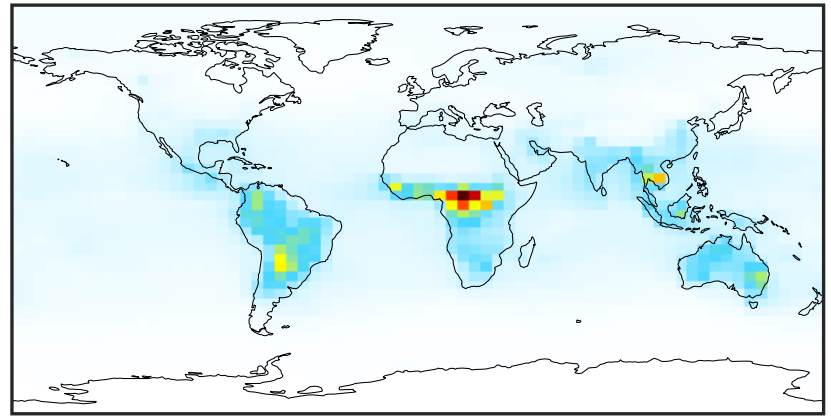
SpeciesConcVV_CH20 (Jan2019)

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



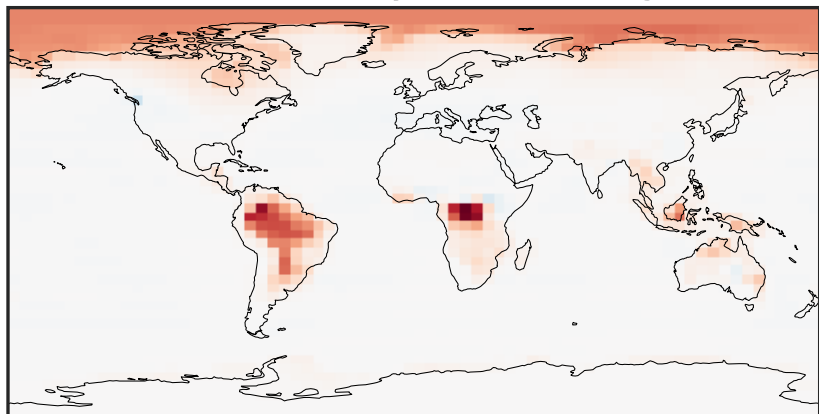
0.013 2.353 4.692 7.032 9.372
ppb

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



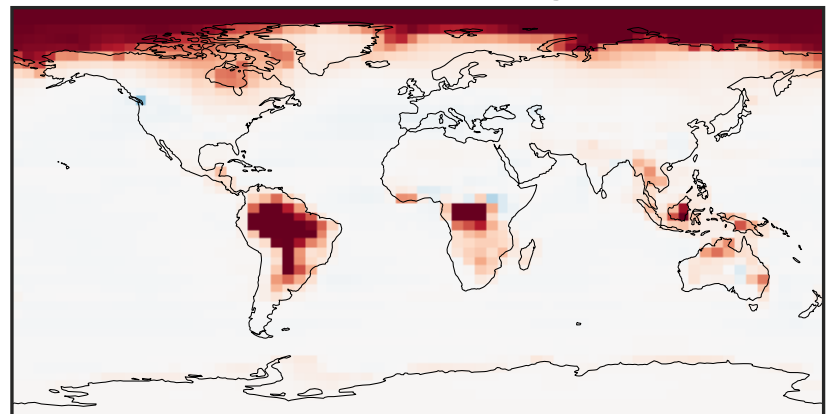
0.013 2.353 4.692 7.032 9.372
ppb

Difference
Dev - Ref, Dynamic Range



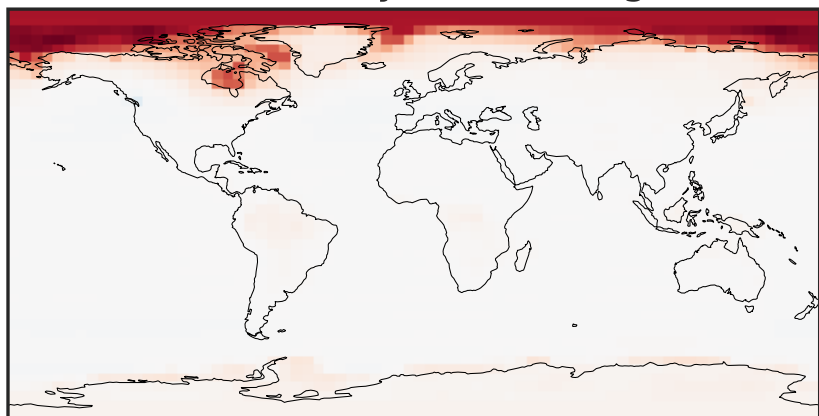
-0.2743 -0.1371 0.0000 0.1371 0.2743
ppb

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



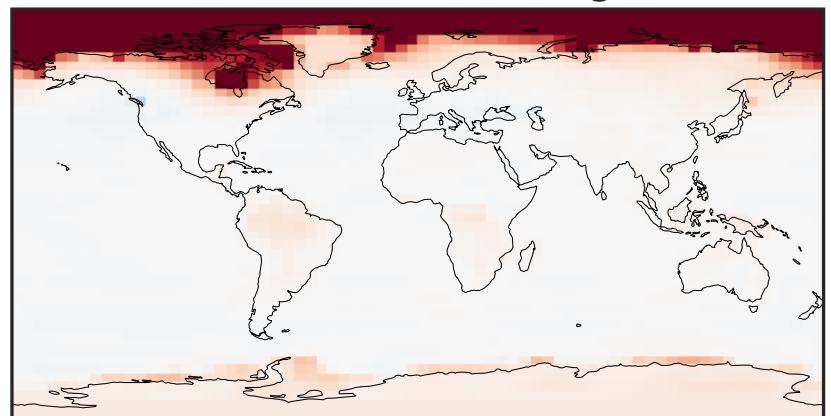
-0.134 -0.067 0.000 0.067 0.134
ppb

Ratio
Dev/Ref, Dynamic Range



0.181 0.590 1.000 3.264 5.528
unitless

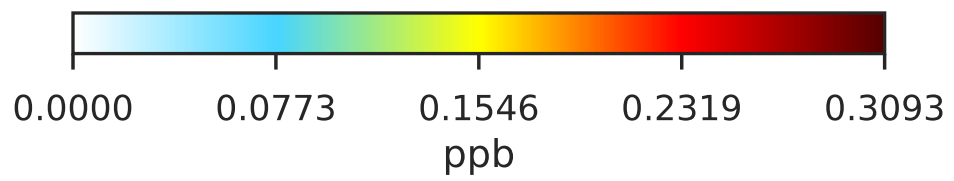
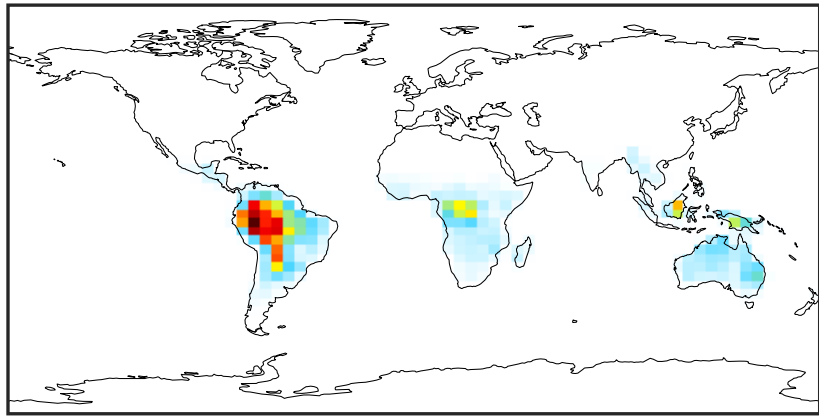
Ratio
Dev/Ref, Fixed Range



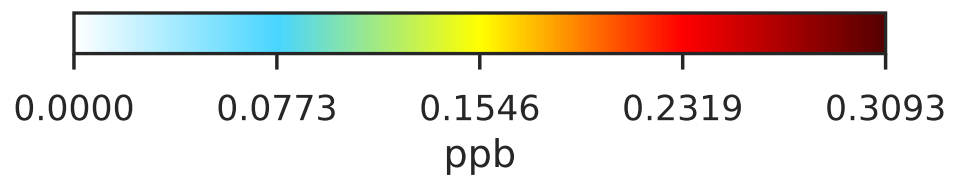
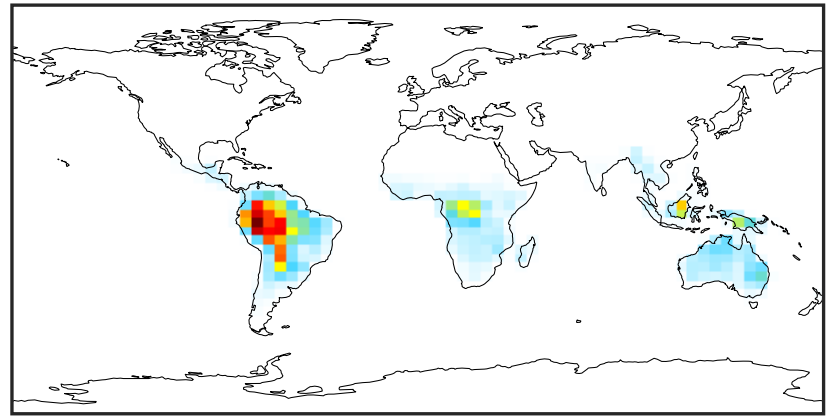
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVW_HPALDs (Jan2019)

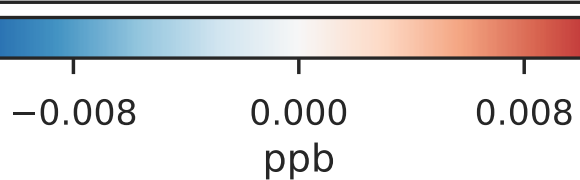
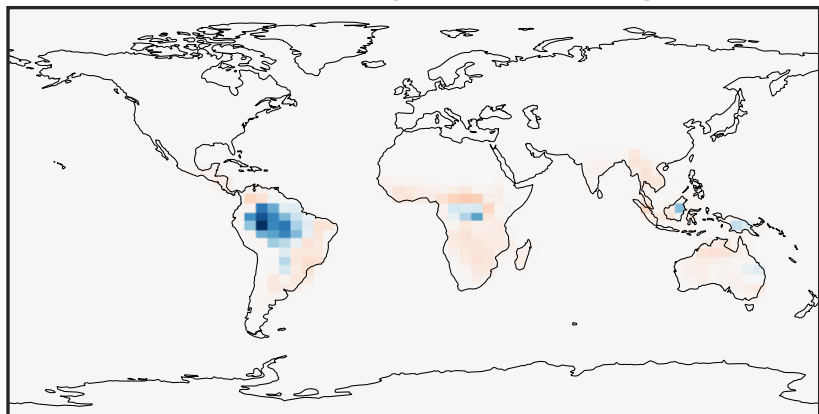
14.2.0-rc.2 (Ref)
4.0x5.0



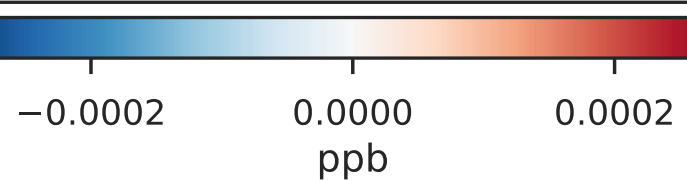
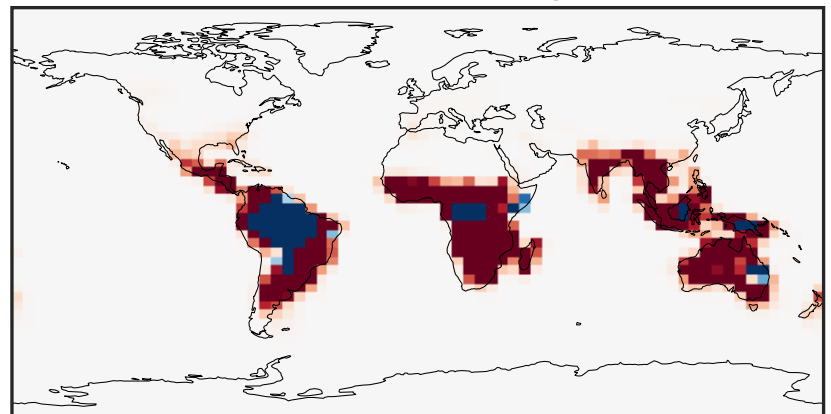
14.3.0-rc.0 (Dev)
4.0x5.0



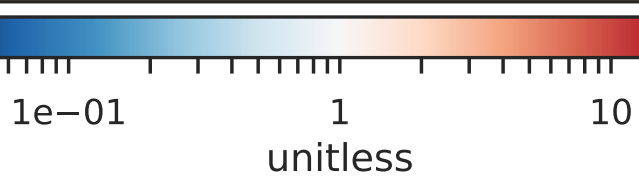
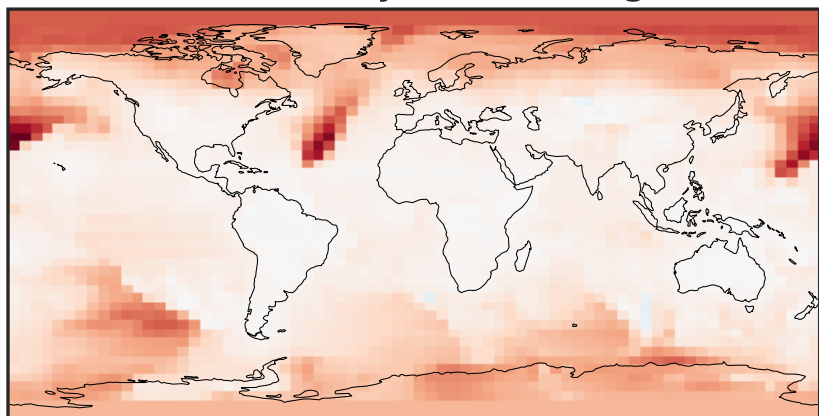
Difference
Dev - Ref, Dynamic Range



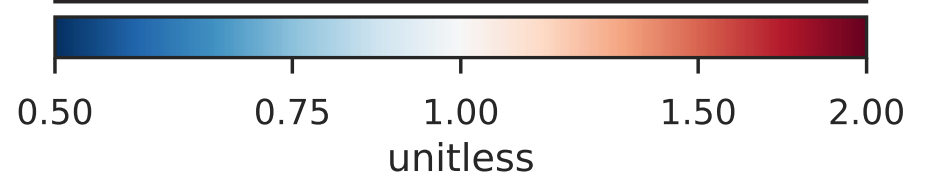
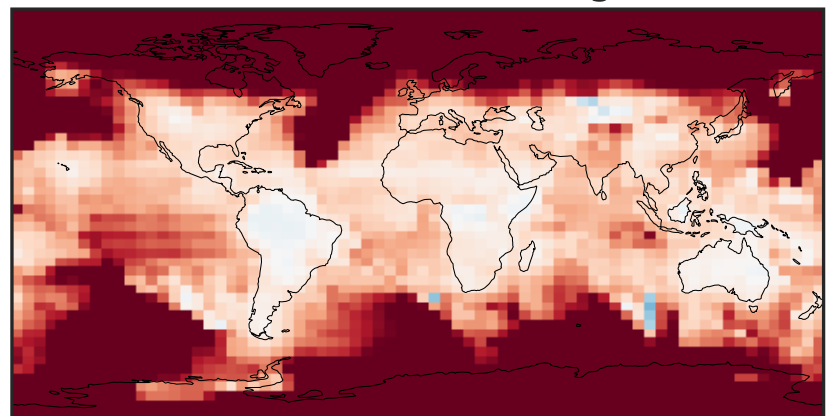
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

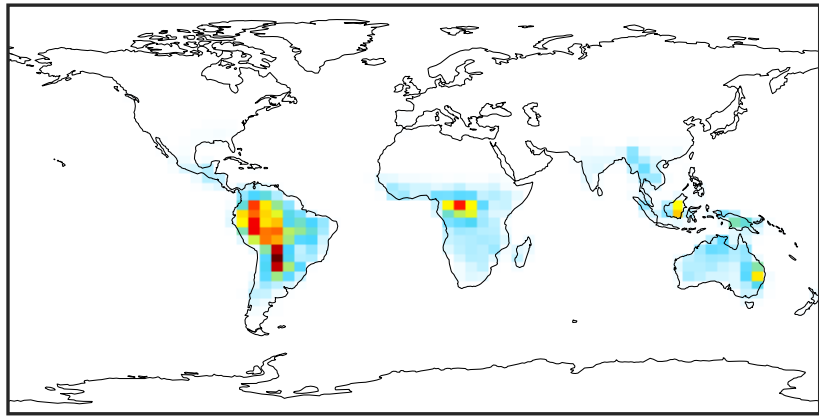


Ratio
Dev/Ref, Fixed Range



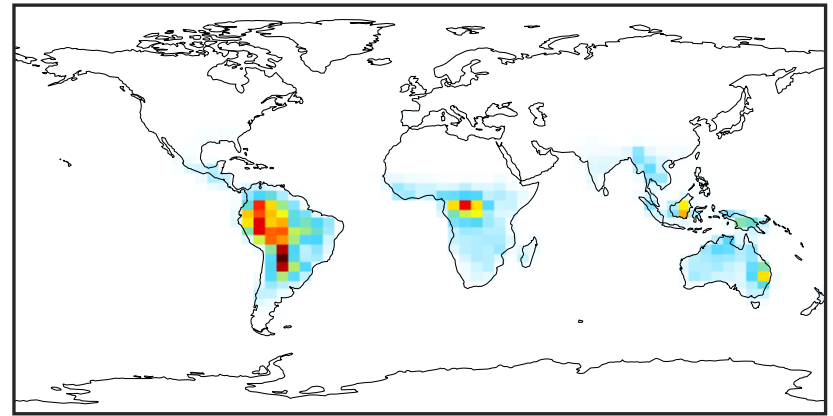
SpeciesConcVV_MACR (Jan2019)

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



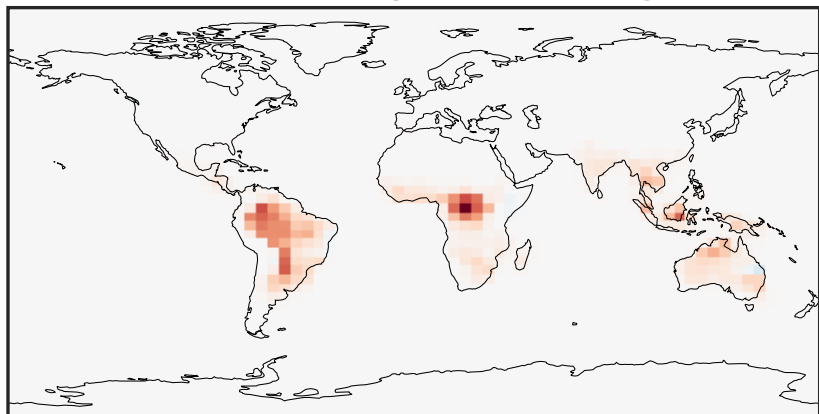
0.000 0.283 0.566 0.849 1.132
ppb

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



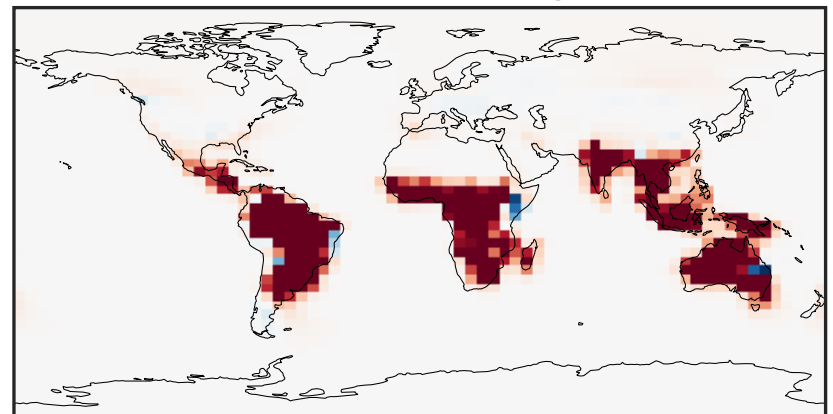
0.000 0.283 0.566 0.849 1.132
ppb

Difference
Dev - Ref, Dynamic Range



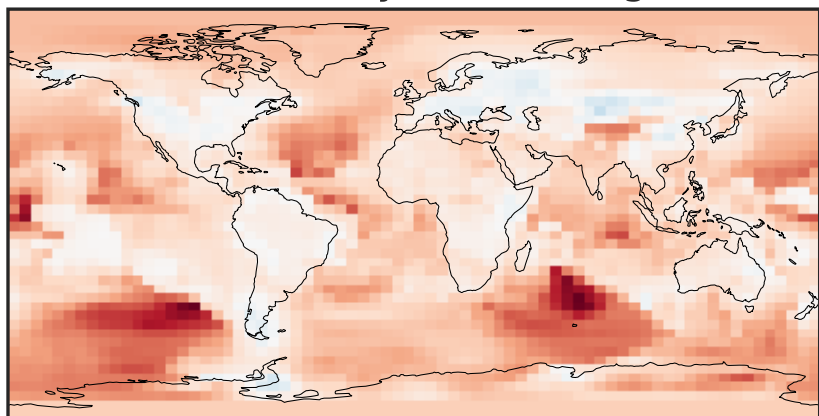
-0.025 0.000 0.025
ppb

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



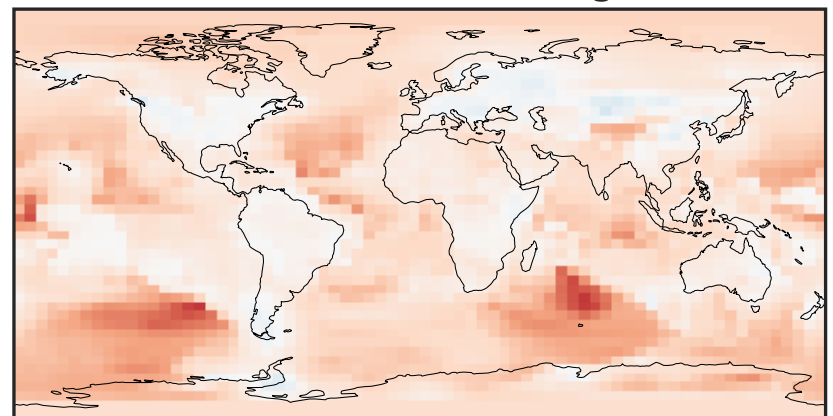
-0.0015 0.0000 0.0015
ppb

Ratio
Dev/Ref, Dynamic Range



0.612 0.806 1.000 1.317 1.634
unitless

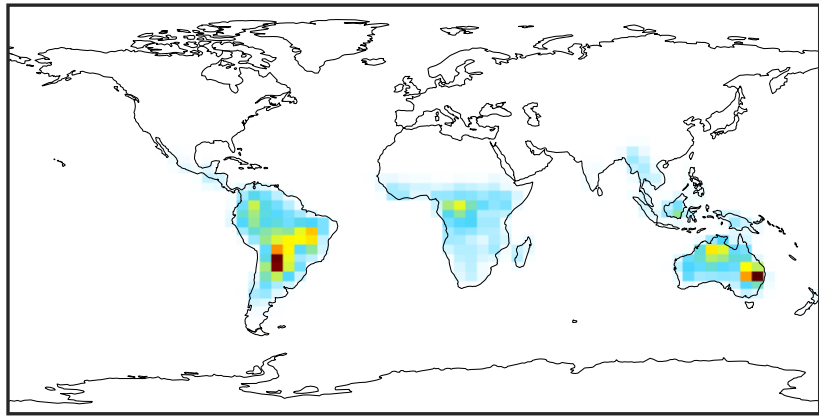
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

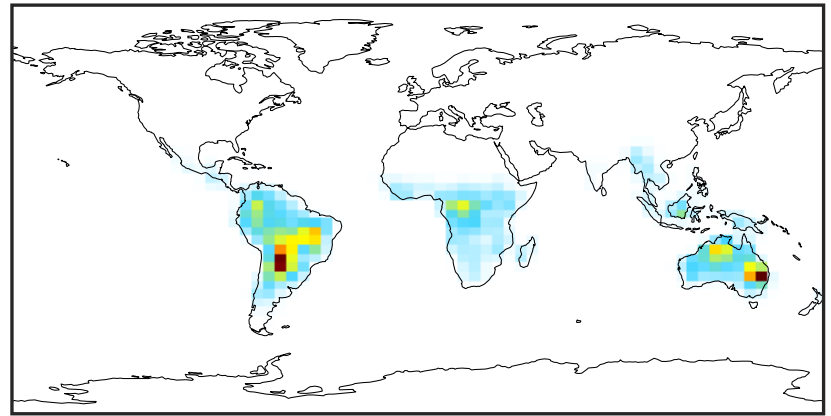
SpeciesConcVV_IEPOX (Jan2019)

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



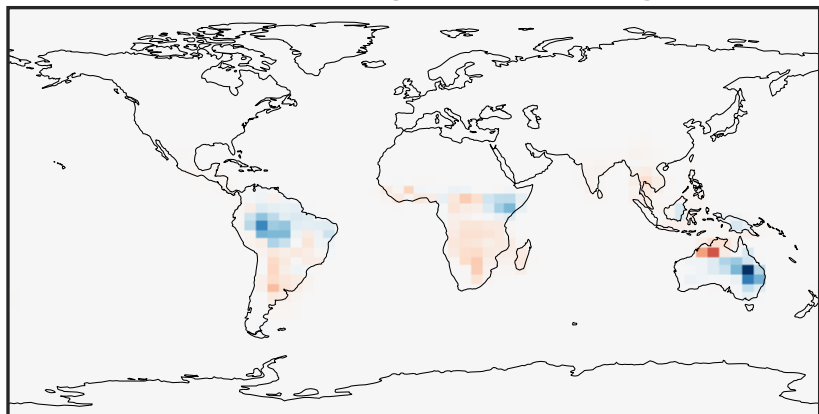
0.000 0.341 0.682 1.023 1.364
ppb

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



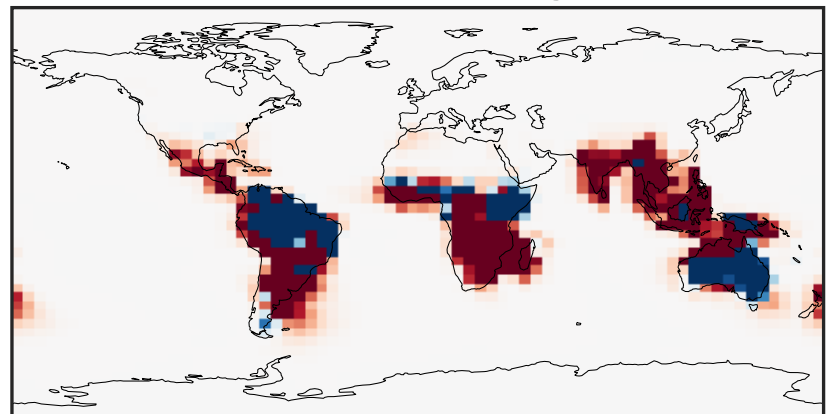
0.000 0.341 0.682 1.023 1.364
ppb

Difference
Dev - Ref, Dynamic Range



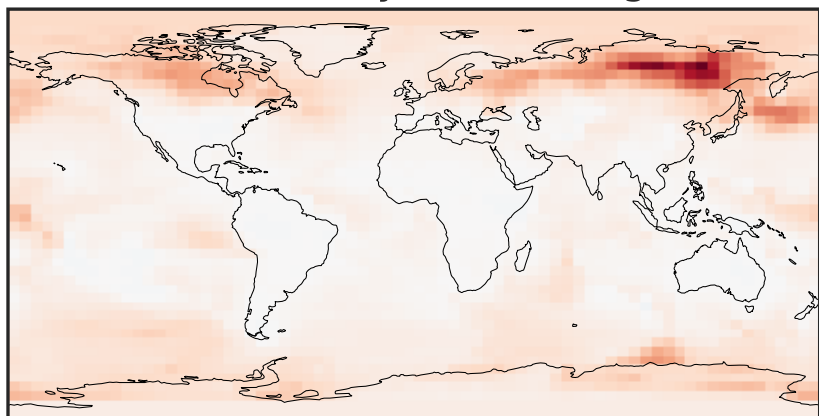
-0.015 0.000 0.015
ppb

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



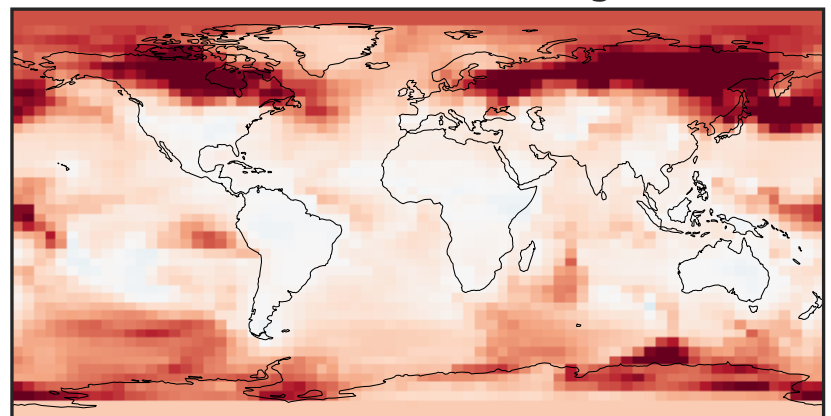
-0.0002 0.0000 0.0002
ppb

Ratio
Dev/Ref, Dynamic Range



1e-01 1 10
unitless

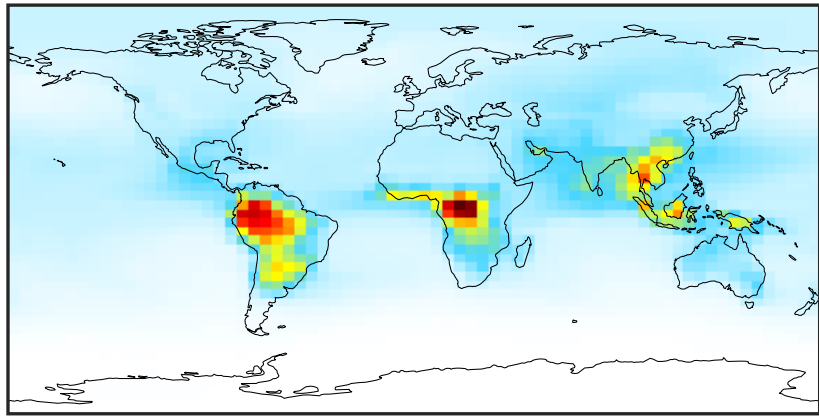
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

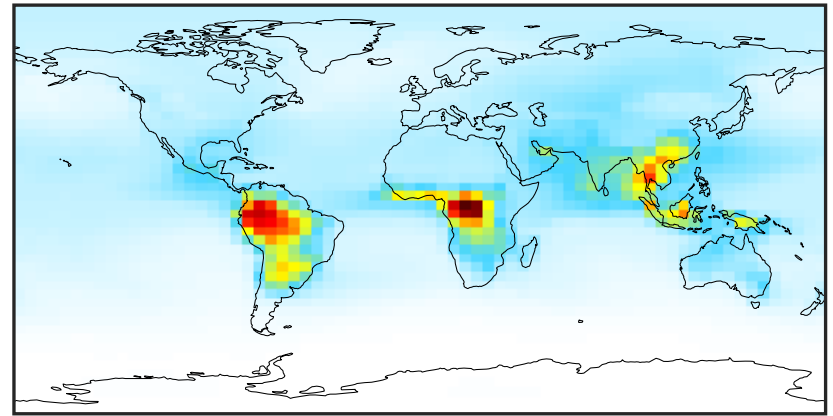
SpeciesConcVV_ACET (Jan2019)

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



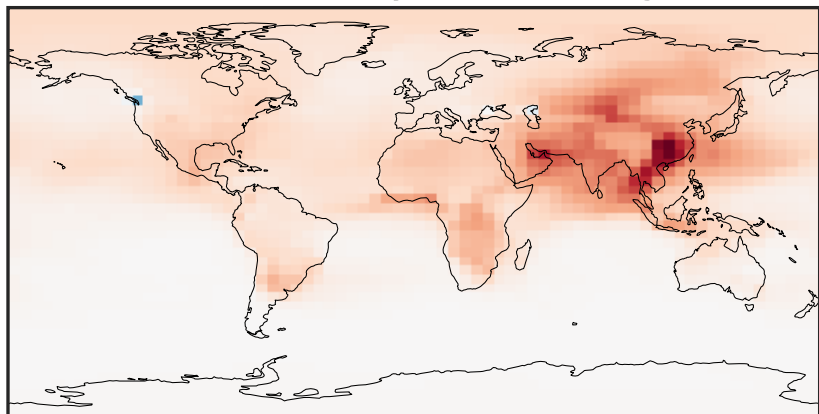
0.098 1.588 3.079 4.569 6.060
ppb

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



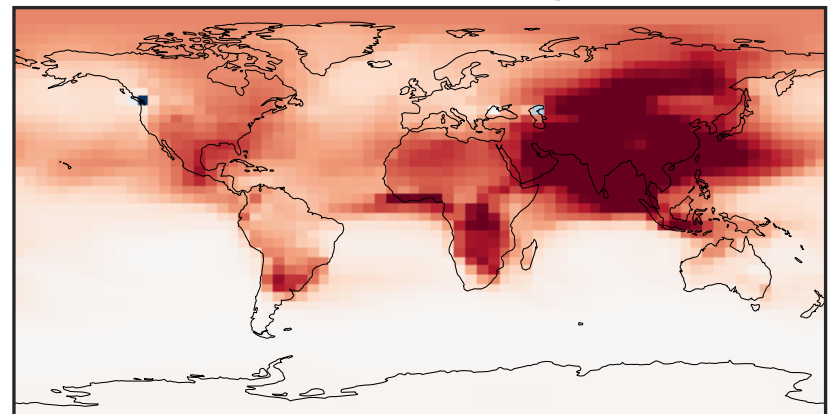
0.098 1.588 3.079 4.569 6.060
ppb

Difference
Dev - Ref, Dynamic Range



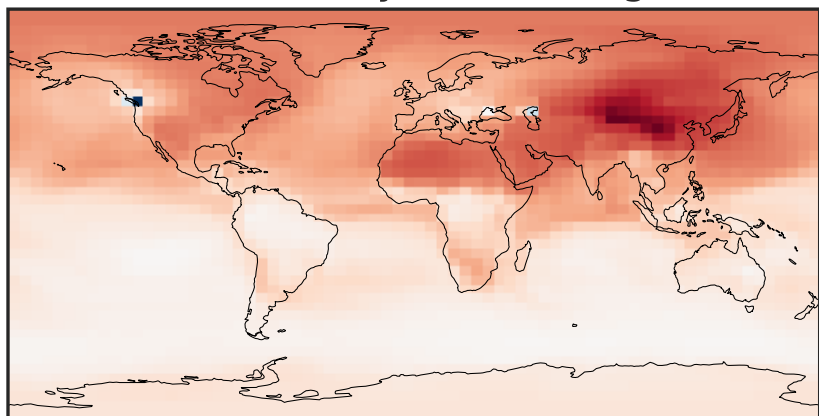
-0.1795 -0.0897 0.0000 0.0897 0.1795
ppb

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



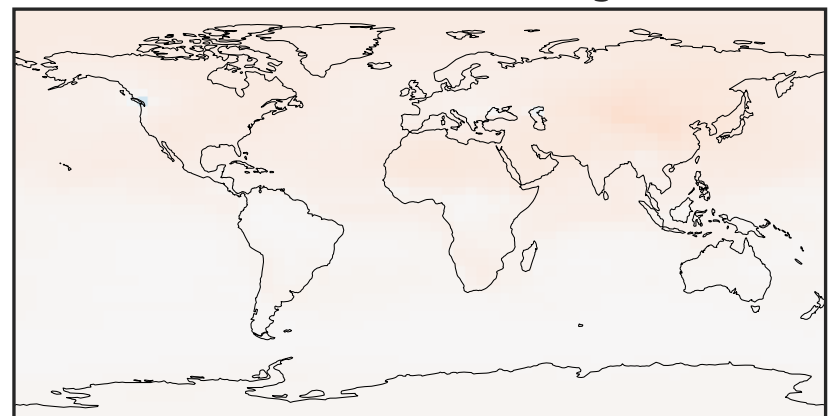
-0.0697 -0.0348 0.0000 0.0348 0.0697
ppb

Ratio
Dev/Ref, Dynamic Range



0.8920 0.9460 1.0000 1.0605 1.1211
unitless

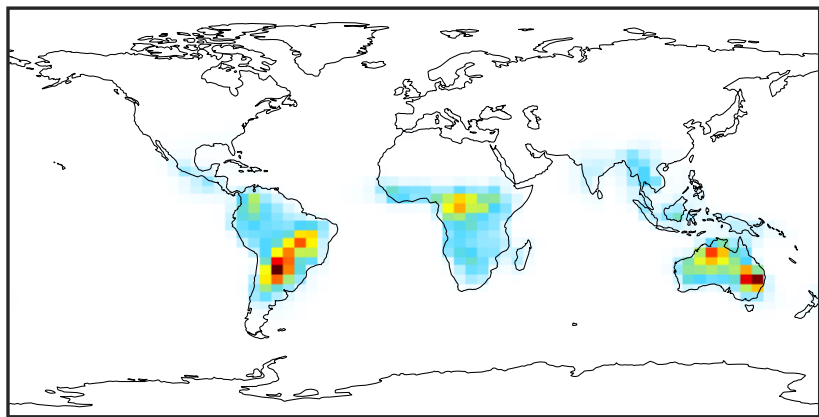
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

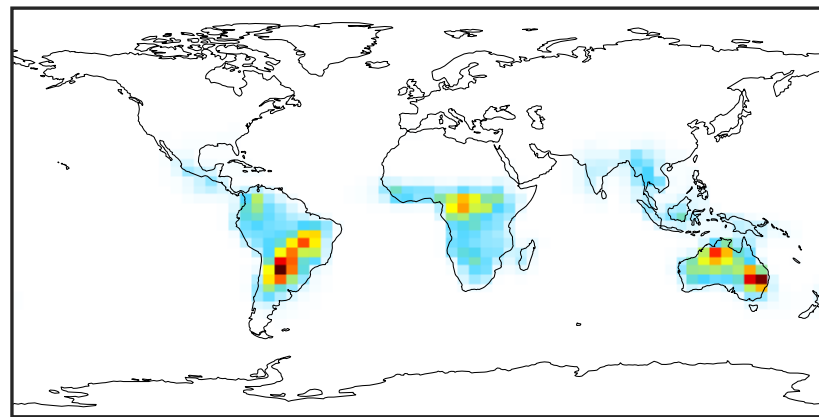
SpeciesConcVV_HAC (Jan2019)

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



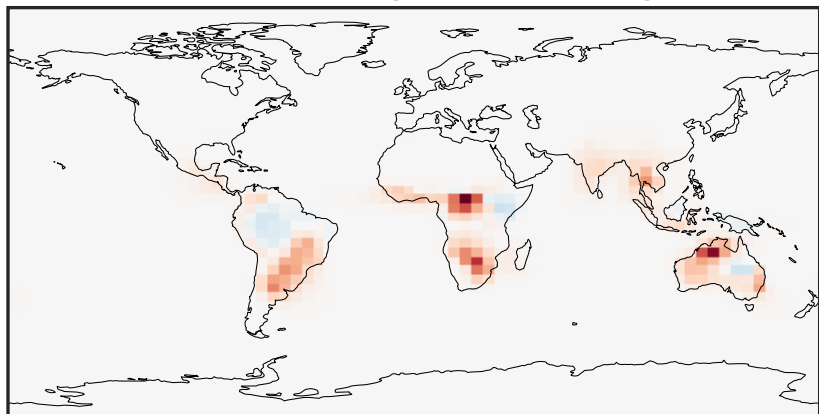
0.000 0.256 0.512 0.768 1.024
ppb

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



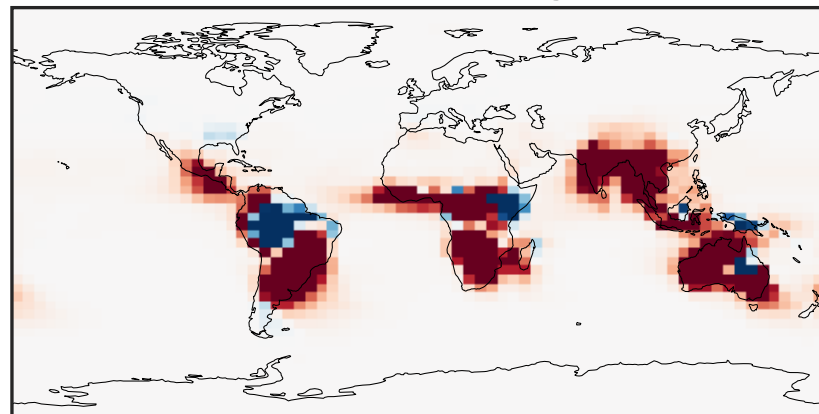
0.000 0.256 0.512 0.768 1.024
ppb

Difference
Dev - Ref, Dynamic Range



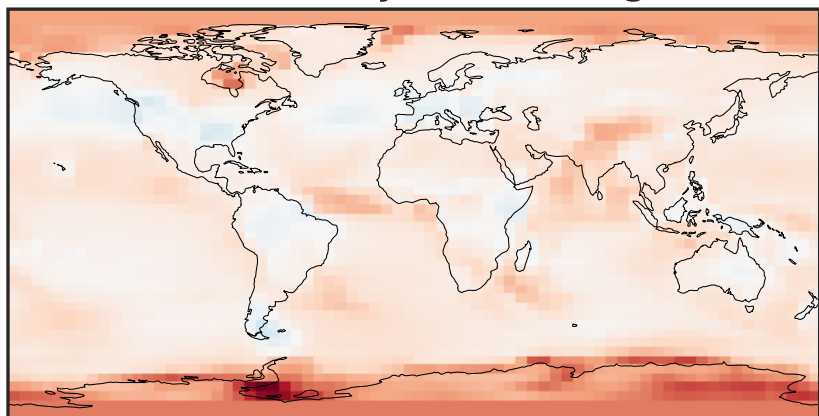
-0.015 0.000 0.015
ppb

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



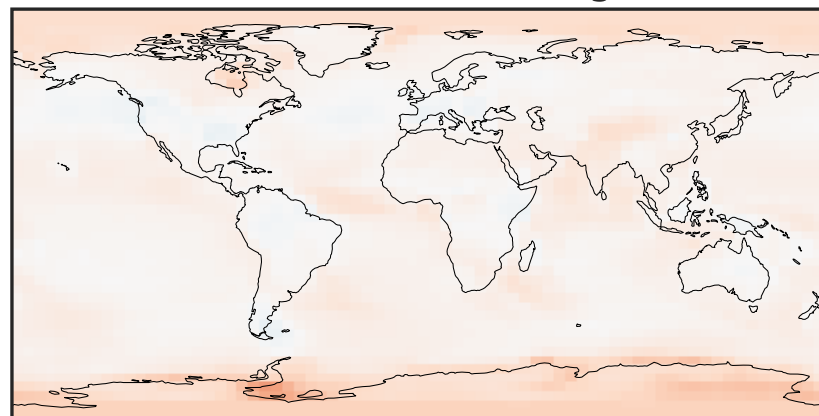
-0.0008 0.0000 0.0008
ppb

Ratio
Dev/Ref, Dynamic Range



0.7461 0.8730 1.0000 1.1702 1.3404
unitless

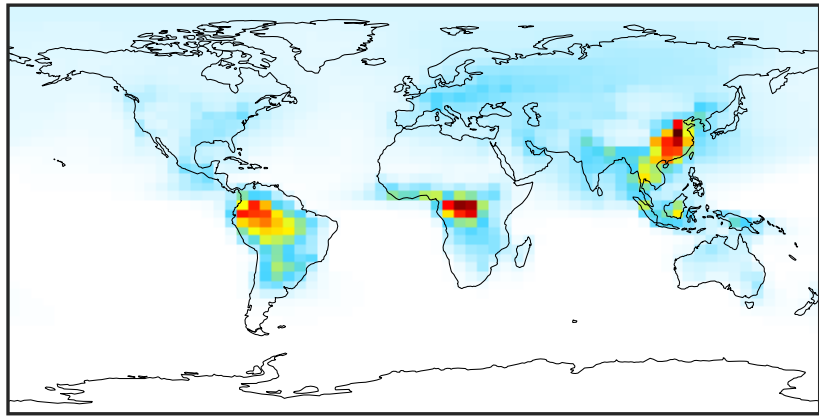
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

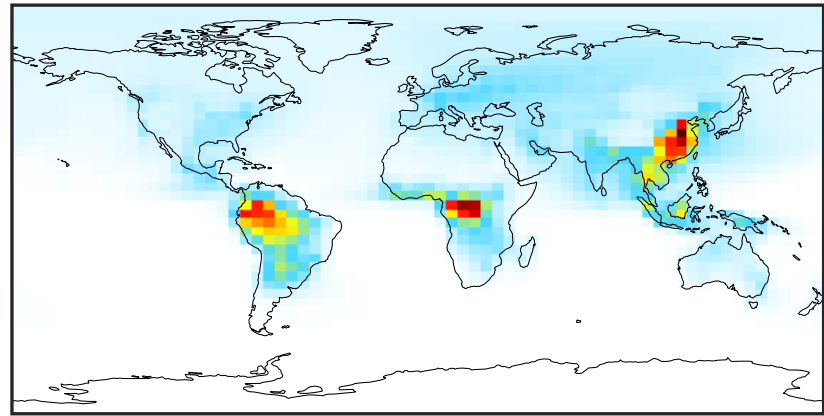
SpeciesConcVV_MEK (Jan2019)

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



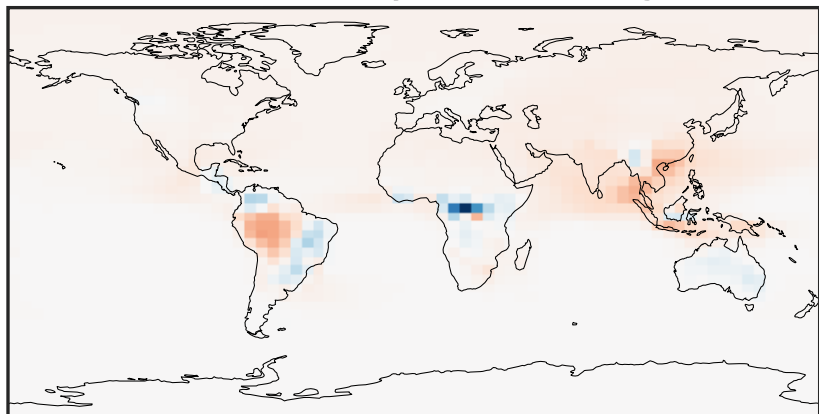
0.000 0.509 1.018 1.527 2.036
ppb

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



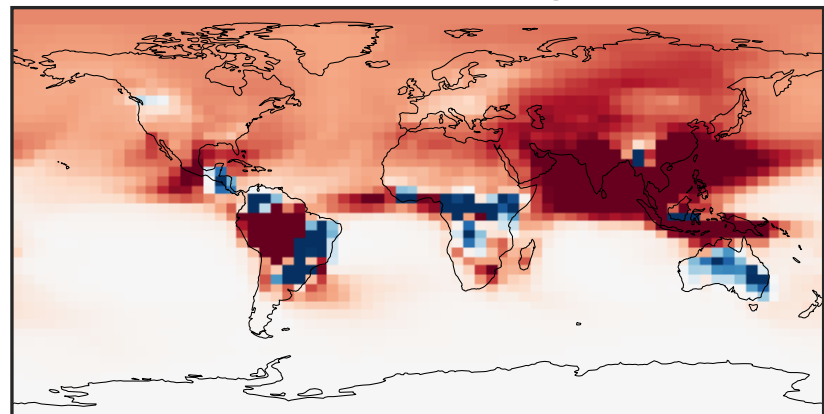
0.000 0.509 1.018 1.527 2.036
ppb

Difference
Dev - Ref, Dynamic Range



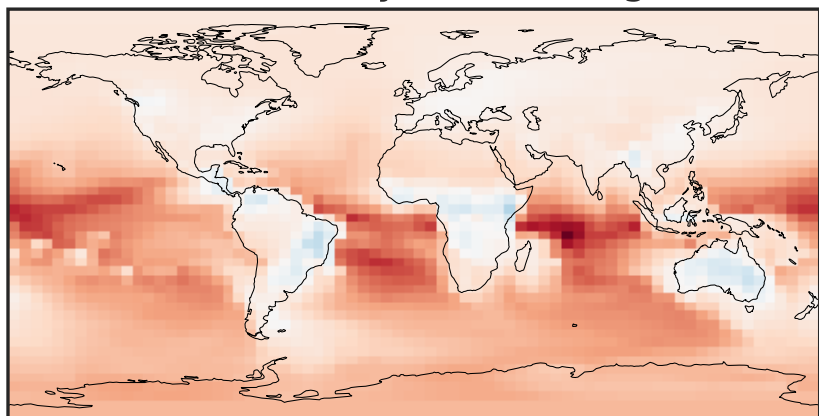
-0.0577 -0.0289 0.0000 0.0289 0.0577
ppb

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



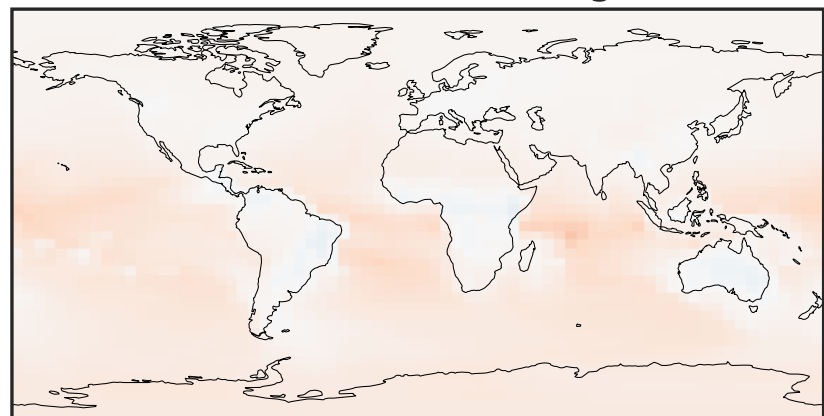
-0.003 0.000 0.003
ppb

Ratio
Dev/Ref, Dynamic Range



0.8265 0.9133 1.0000 1.1049 1.2099
unitless

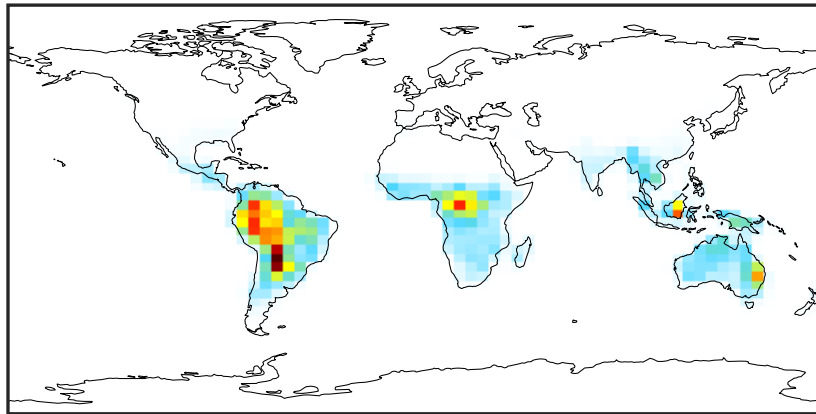
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

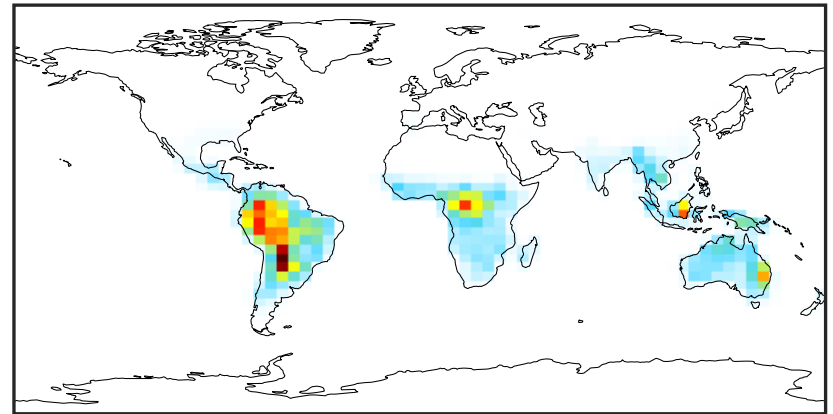
SpeciesConcVV_MVK (Jan2019)

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



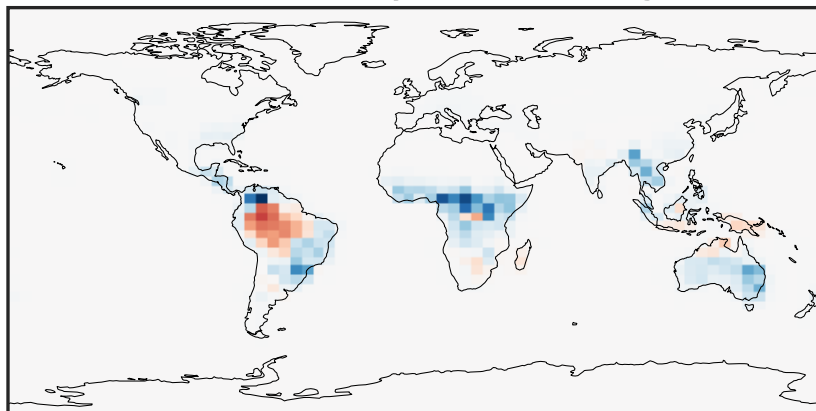
0.000 0.472 0.943 1.415 1.886
ppb

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



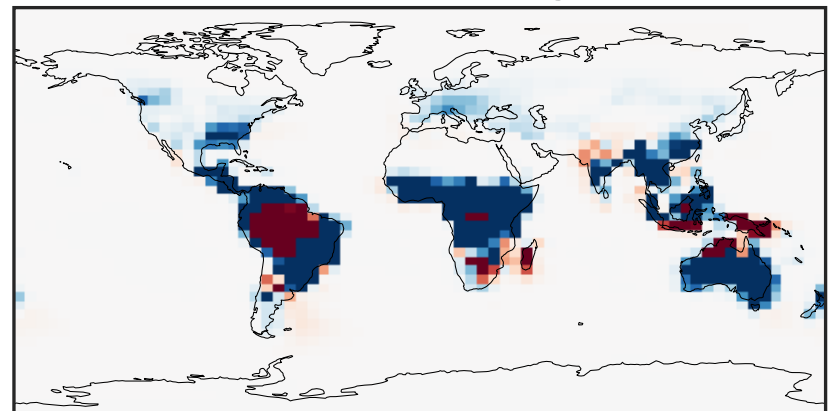
0.000 0.472 0.943 1.415 1.886
ppb

Difference
Dev - Ref, Dynamic Range



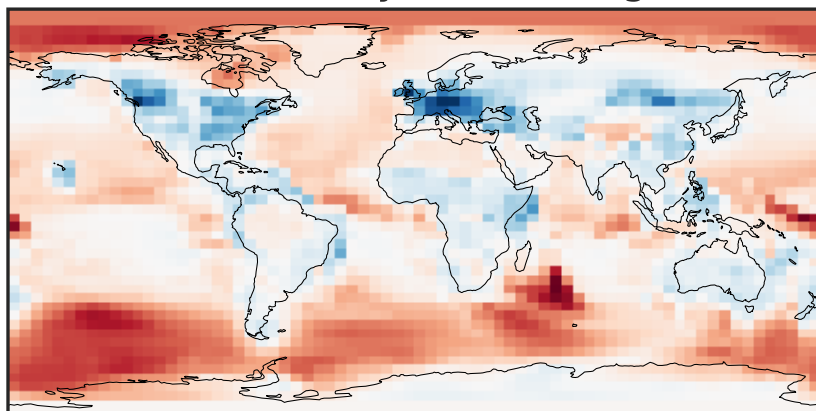
-0.025 0.000 0.025
ppb

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



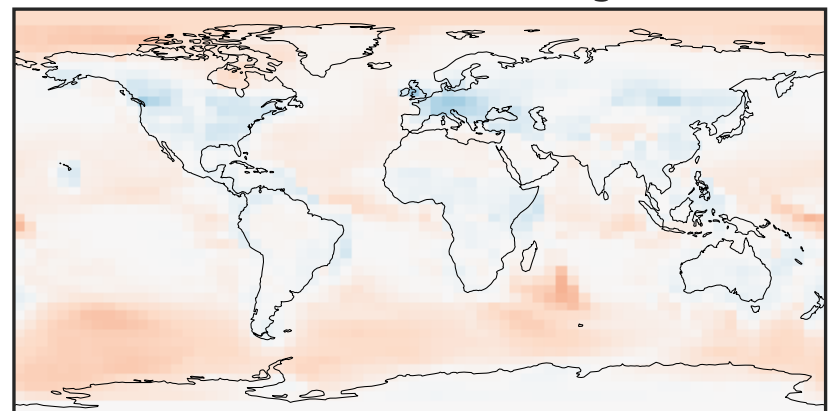
-0.0015 0.0000 0.0015
ppb

Ratio
Dev/Ref, Dynamic Range



0.7866 0.8933 1.0000 1.1357 1.2714
unitless

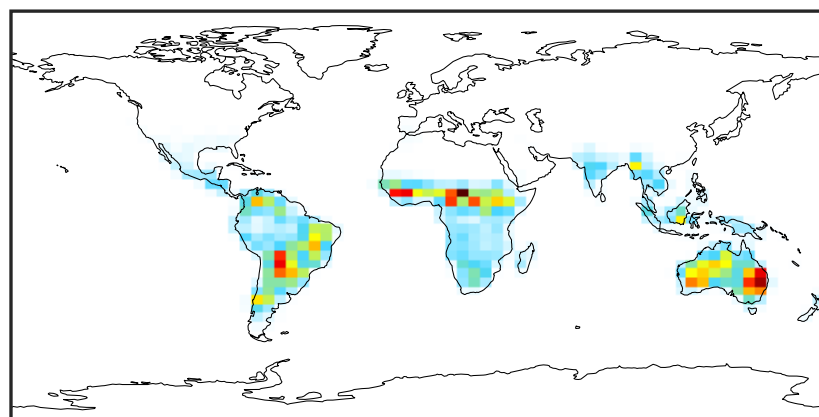
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

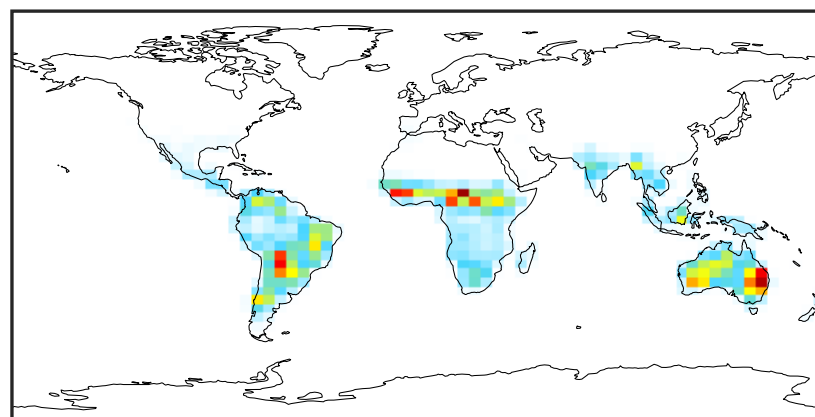
SpeciesConcVV_ISOPN (Jan2019)

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



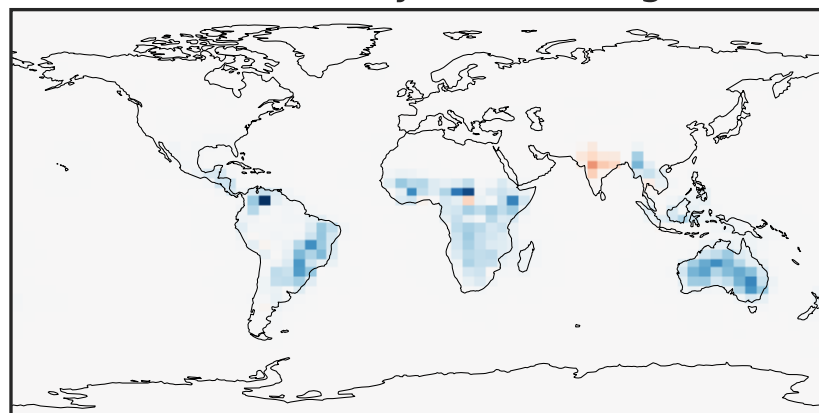
0.000 0.015 0.030
ppb

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



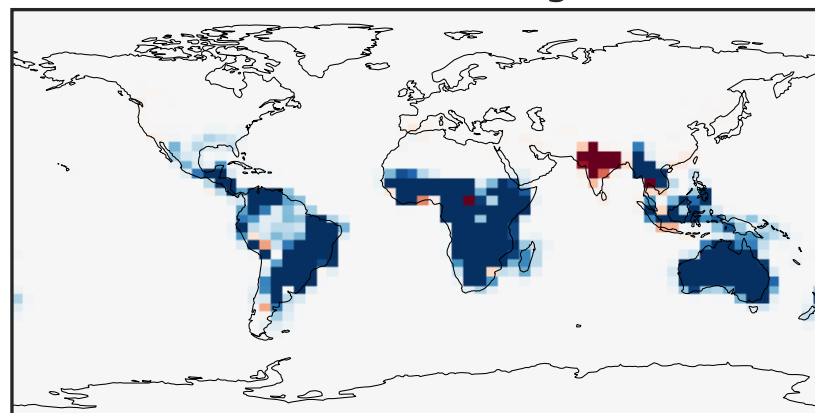
0.000 0.015 0.030
ppb

Difference
Dev - Ref, Dynamic Range



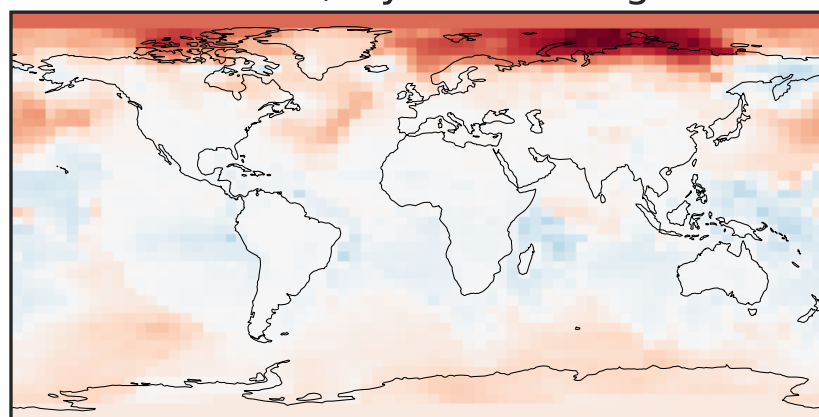
-0.003 0.000 0.003
ppb

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



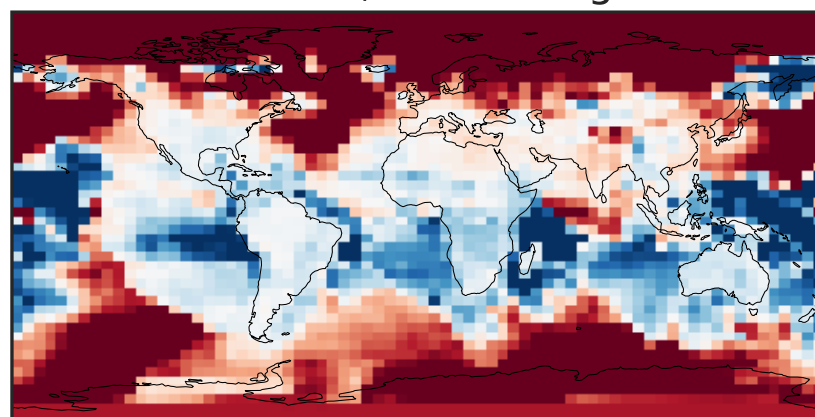
-0.0002 0.0000 0.0002
ppb

Ratio
Dev/Ref, Dynamic Range



1e-02 1e-01 1 10 100
unitless

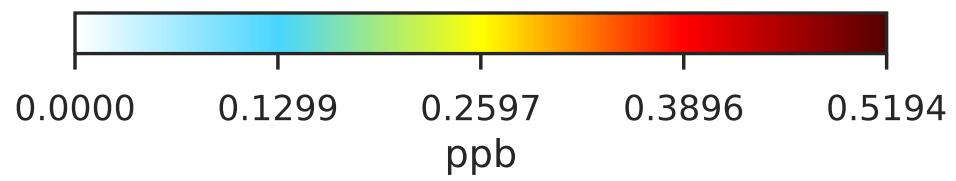
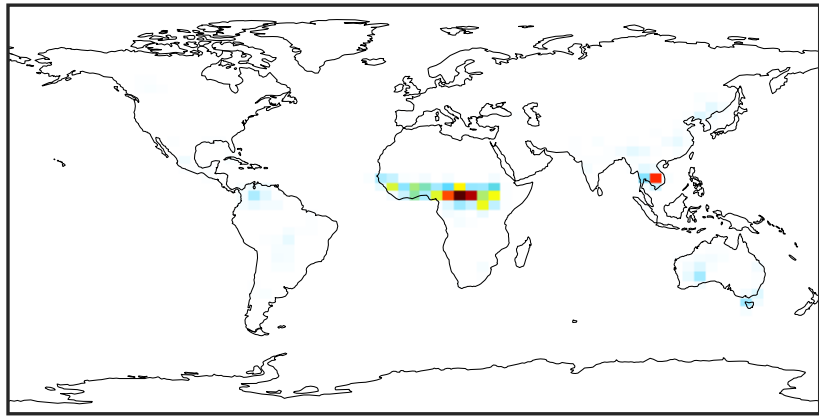
Ratio
Dev/Ref, Fixed Range



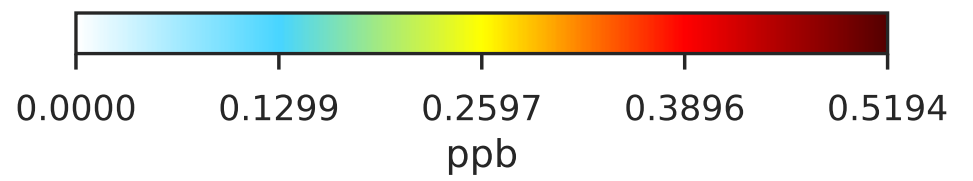
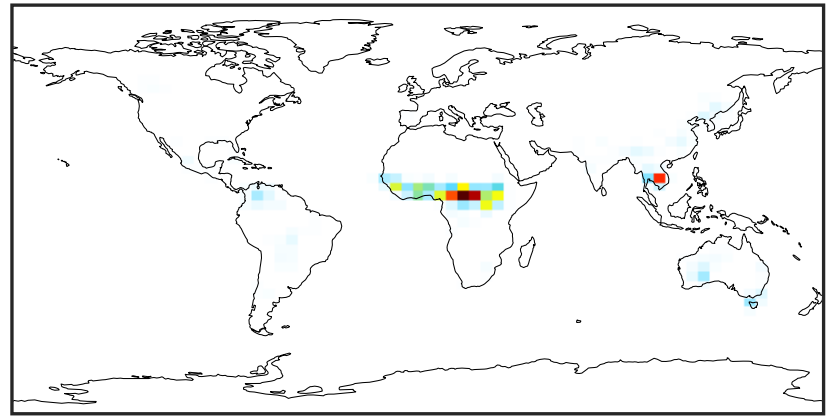
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_FURA (Jan2019)

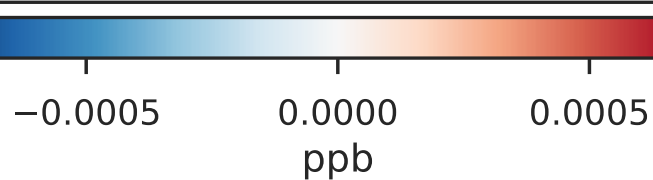
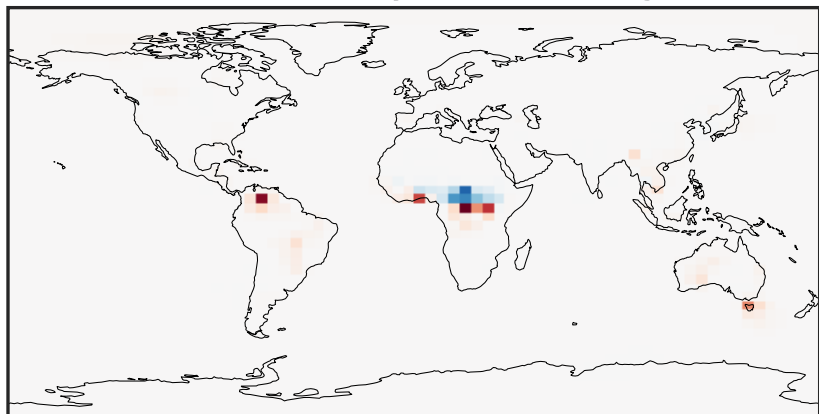
14.2.0-rc.2 (Ref)
4.0x5.0



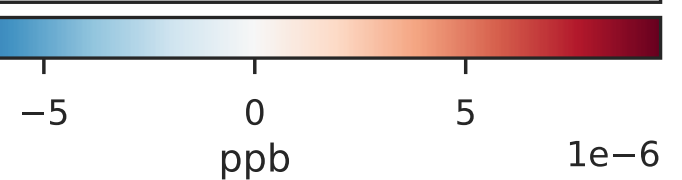
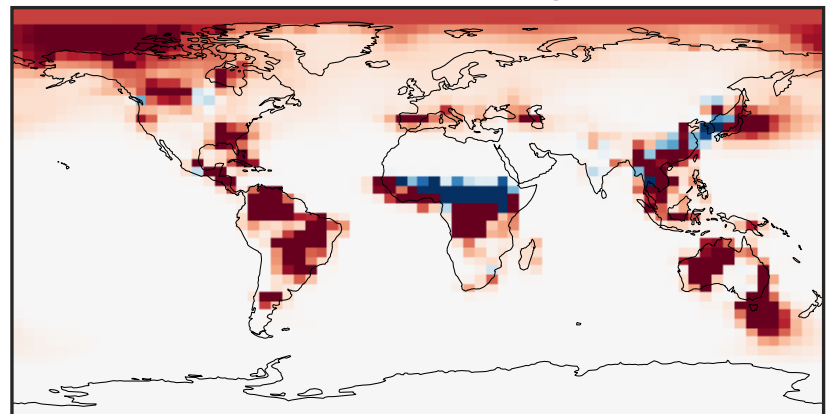
14.3.0-rc.0 (Dev)
4.0x5.0



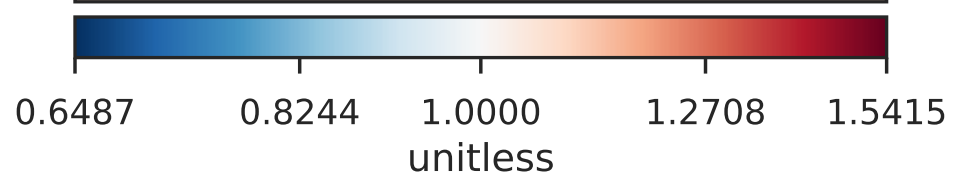
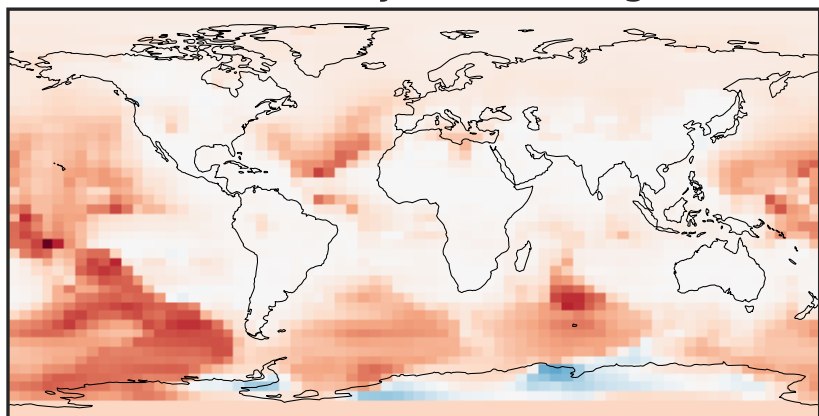
Difference
Dev - Ref, Dynamic Range



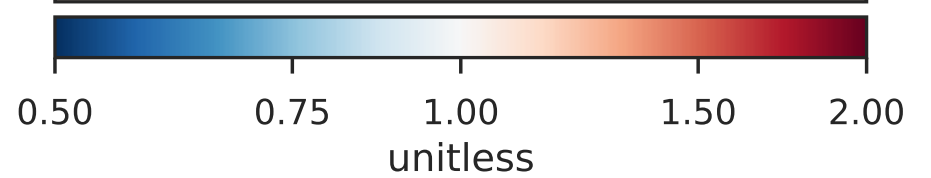
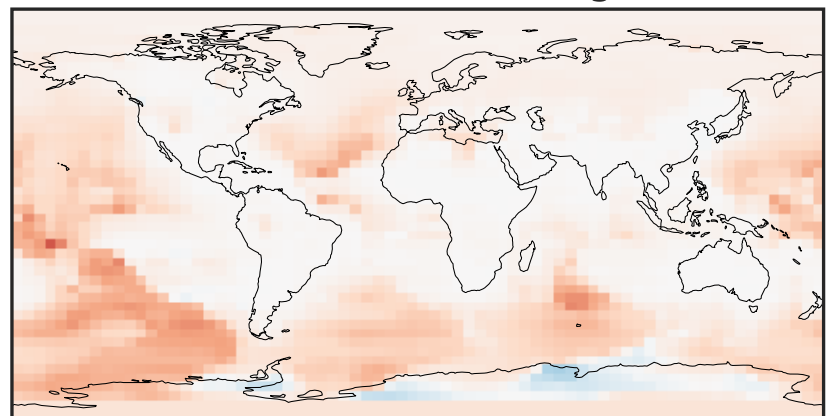
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

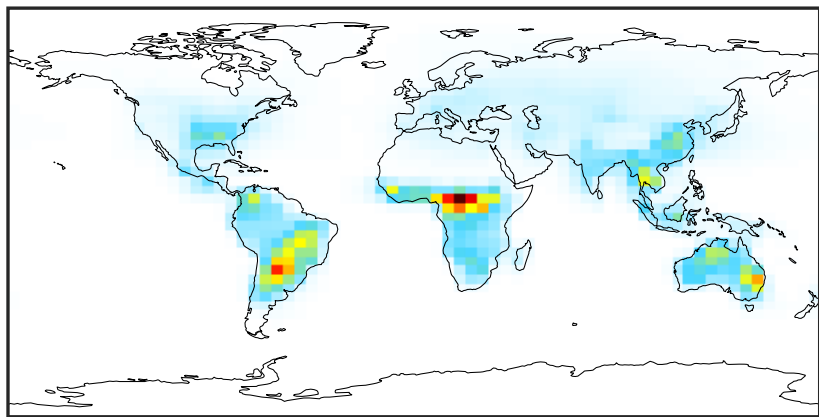


Ratio
Dev/Ref, Fixed Range



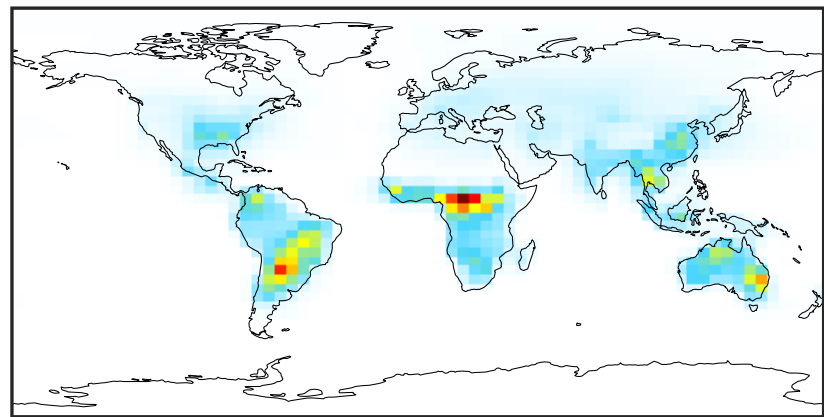
SpeciesConcVV_GLYC (Jan2019)

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



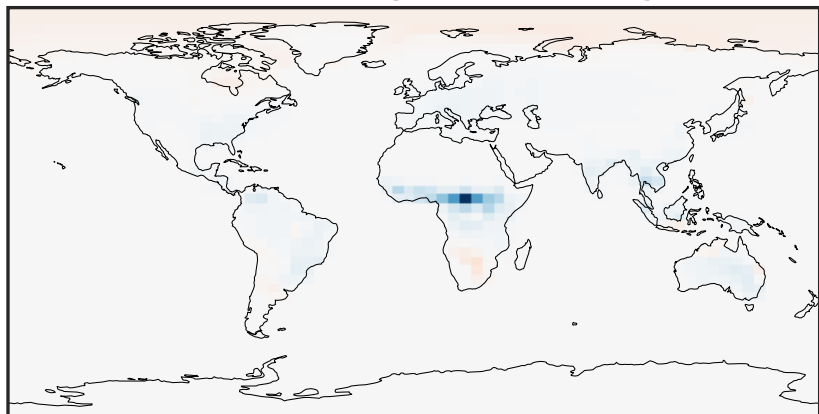
0.000 0.264 0.528 0.793 1.057
ppb

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



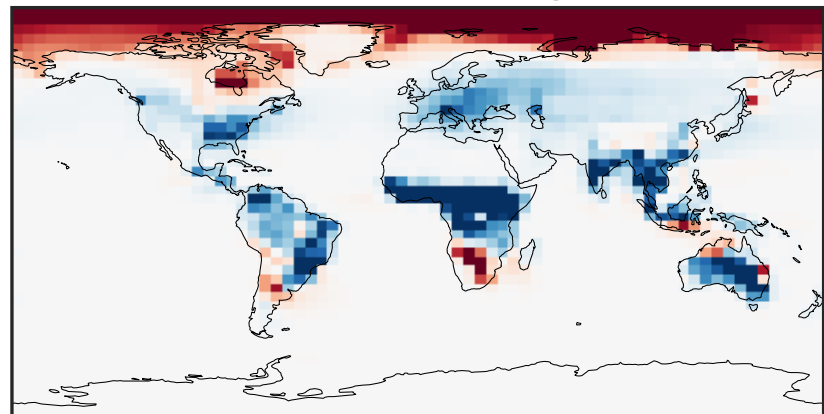
0.000 0.264 0.528 0.793 1.057
ppb

Difference
Dev - Ref, Dynamic Range



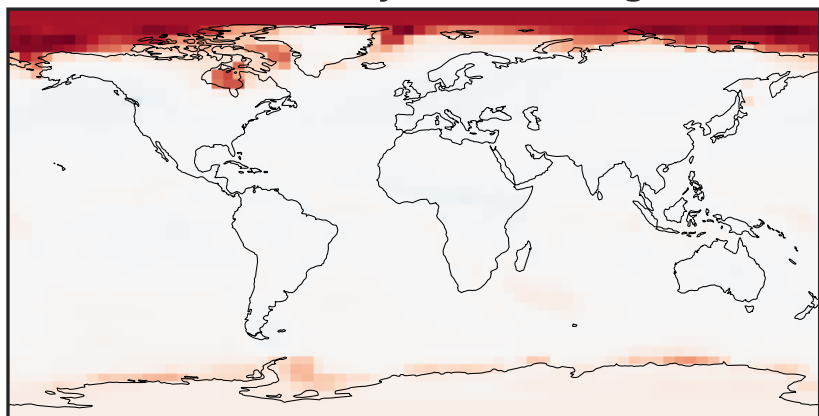
-0.0722 -0.0361 0.0000 0.0361 0.0722
ppb

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



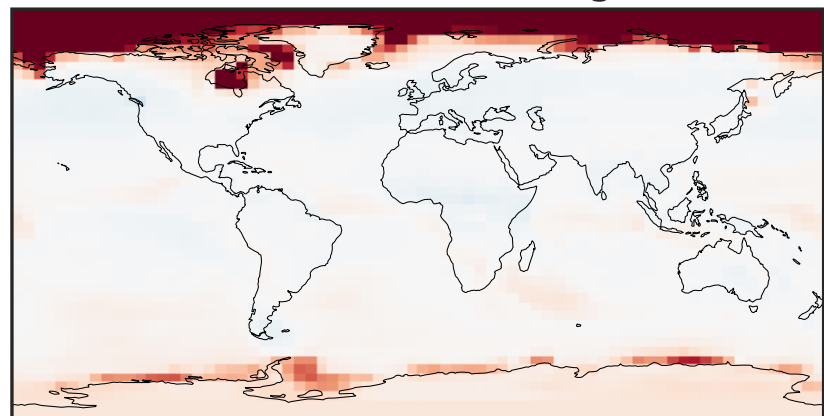
-0.0025 0.0000 0.0025
ppb

Ratio
Dev/Ref, Dynamic Range



0.275 0.638 1.000 2.315 3.630
unitless

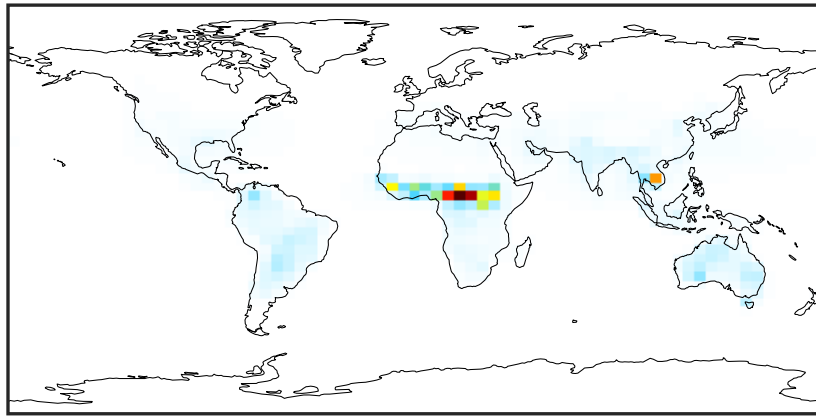
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

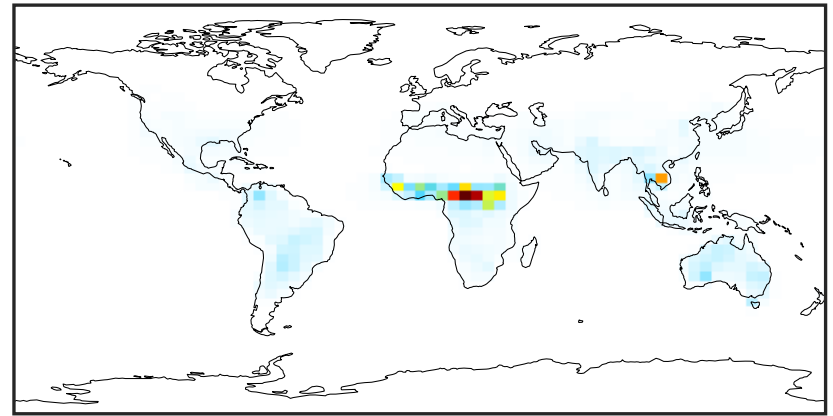
SpeciesConcVV_GLYX (Jan2019)

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



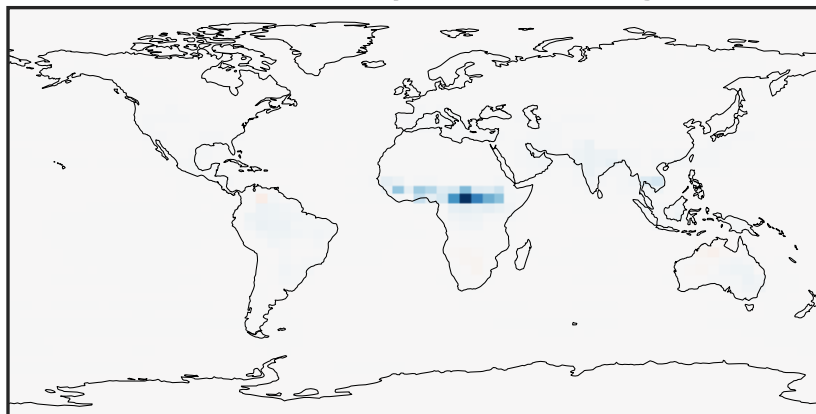
0.0000 0.1113 0.2226 0.3339 0.4452
ppb

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



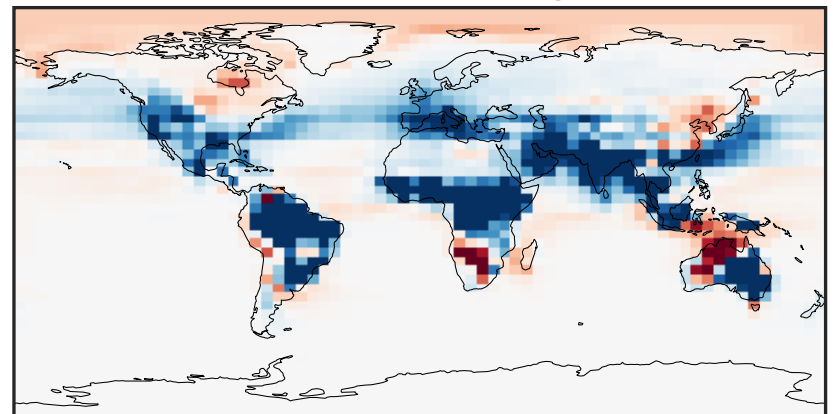
0.0000 0.1113 0.2226 0.3339 0.4452
ppb

Difference
Dev - Ref, Dynamic Range



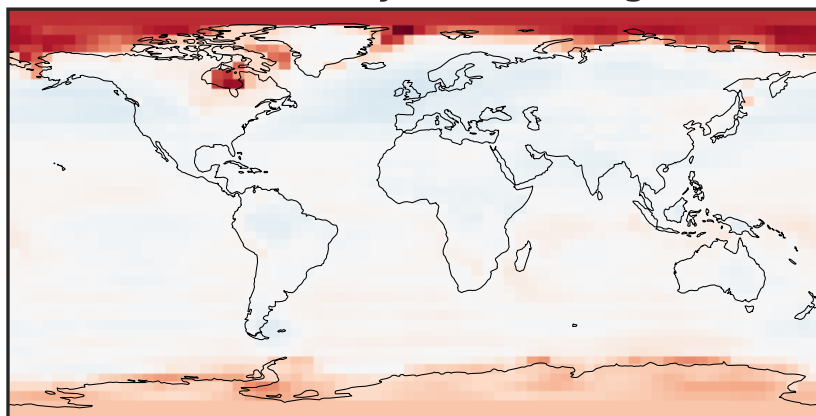
-0.005 0.000 0.005
ppb

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



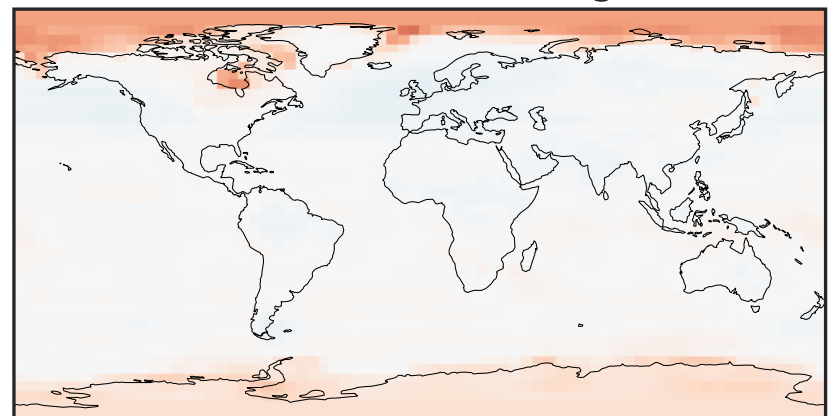
-6 0 6
ppb $1e-5$

Ratio
Dev/Ref, Dynamic Range



0.6842 0.8421 1.0000 1.2308 1.4615
unitless

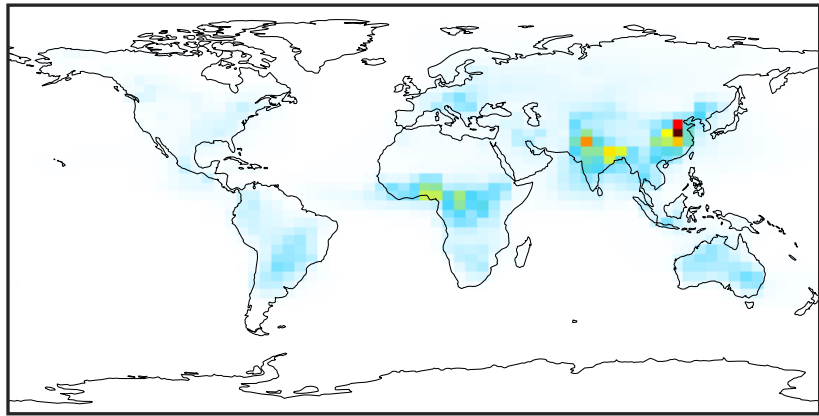
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

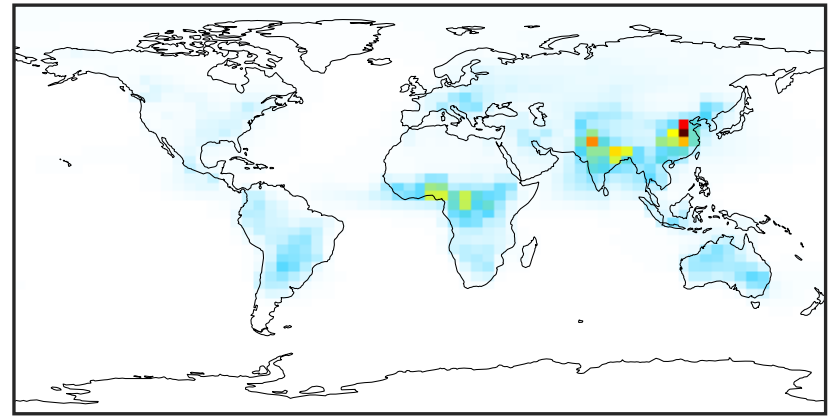
SpeciesConcVV_HCOOH (Jan2019)

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



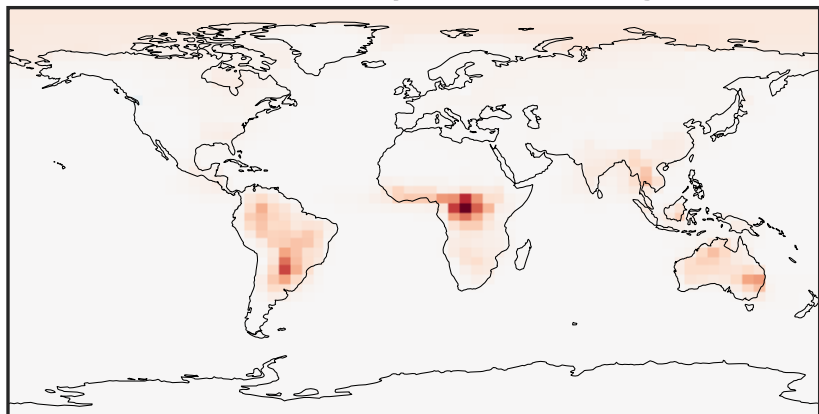
0.000 1.304 2.607 3.911 5.214
ppb

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



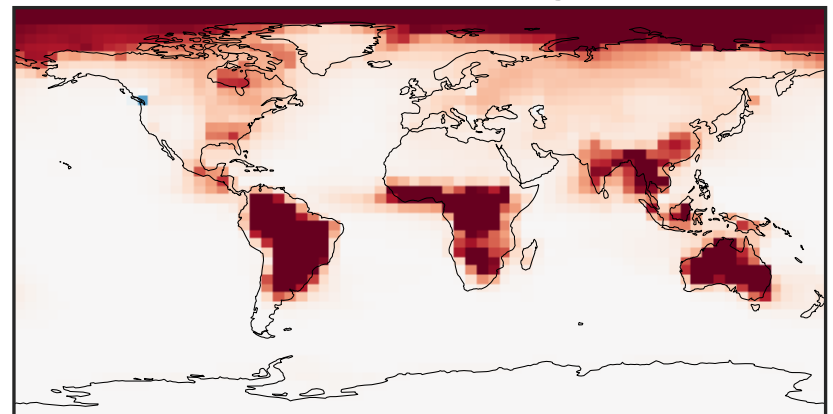
0.000 1.304 2.607 3.911 5.214
ppb

Difference
Dev - Ref, Dynamic Range



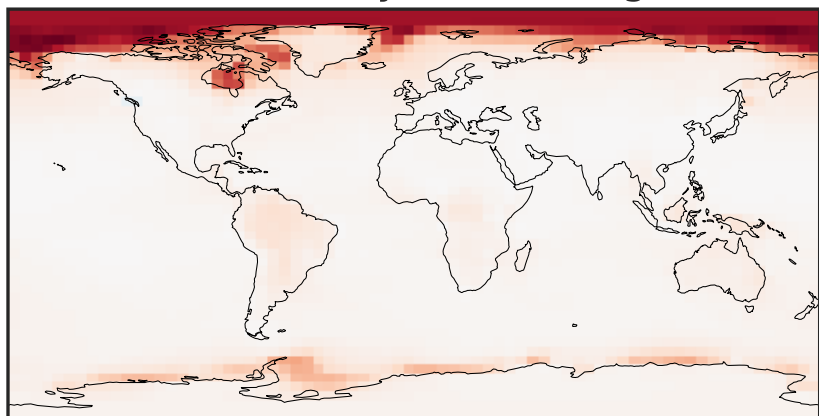
-0.3586 -0.1793 0.0000 0.1793 0.3586
ppb

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



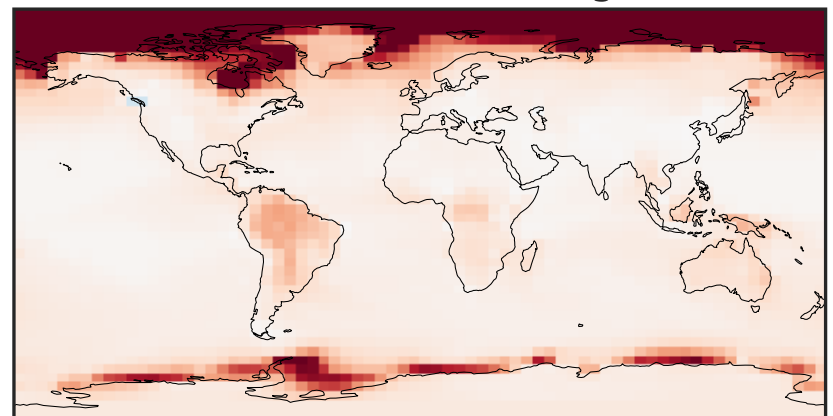
-0.02 0.00 0.02
ppb

Ratio
Dev/Ref, Dynamic Range



0.155 0.578 1.000 3.718 6.435
unitless

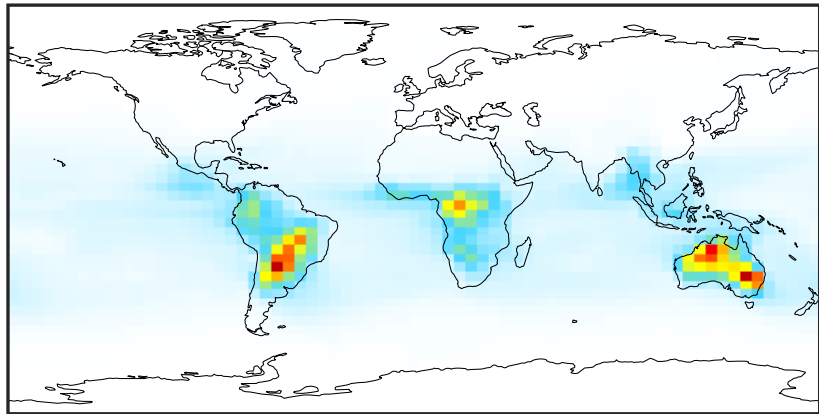
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

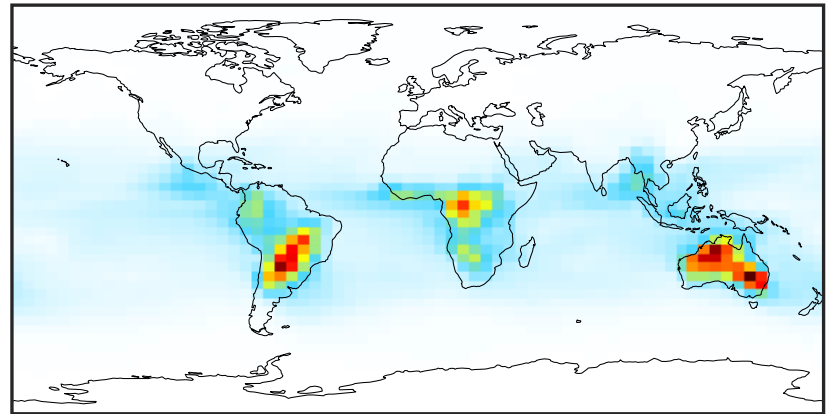
SpeciesConcVV_MAP (Jan2019)

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



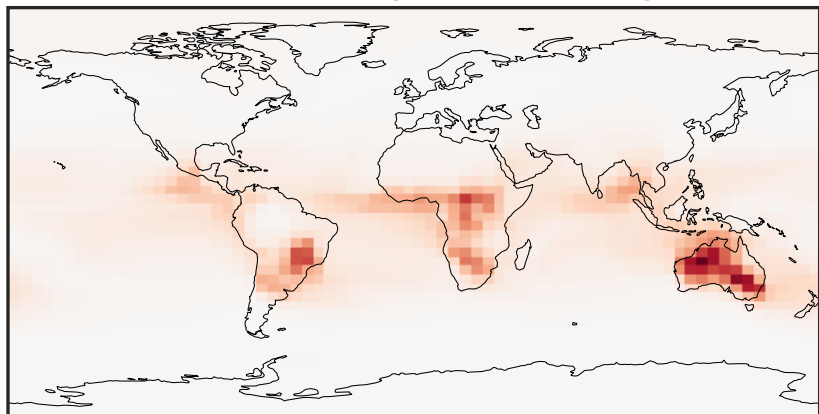
0.001 0.286 0.572 0.857 1.143
ppb

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



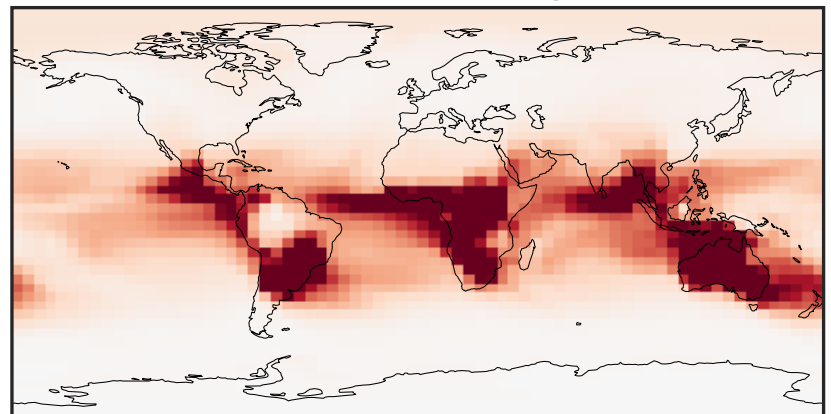
0.001 0.286 0.572 0.857 1.143
ppb

Difference
Dev - Ref, Dynamic Range



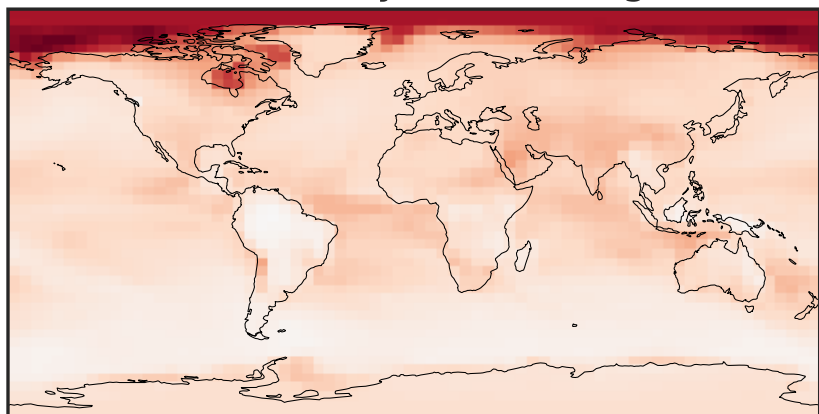
-0.2123 -0.1061 0.0000 0.1061 0.2123
ppb

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



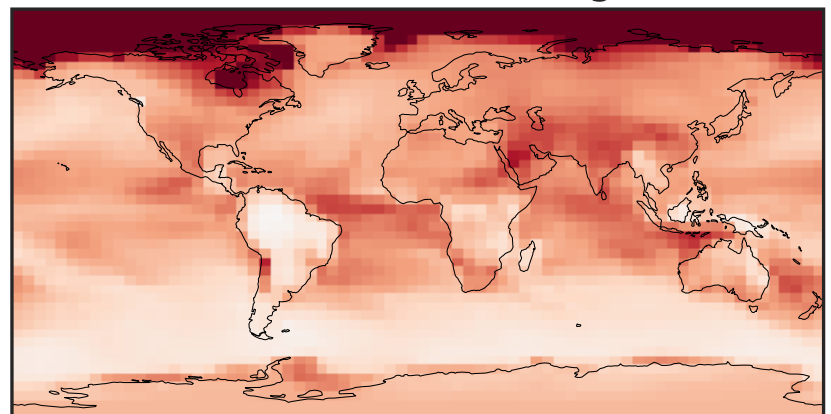
-0.025 0.000 0.025
ppb

Ratio
Dev/Ref, Dynamic Range



0.246 0.623 1.000 2.529 4.058
unitless

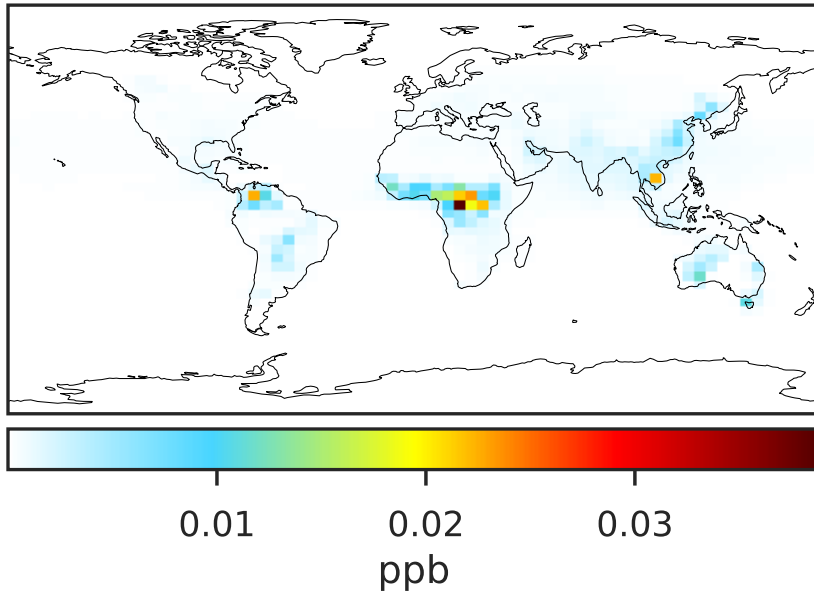
Ratio
Dev/Ref, Fixed Range



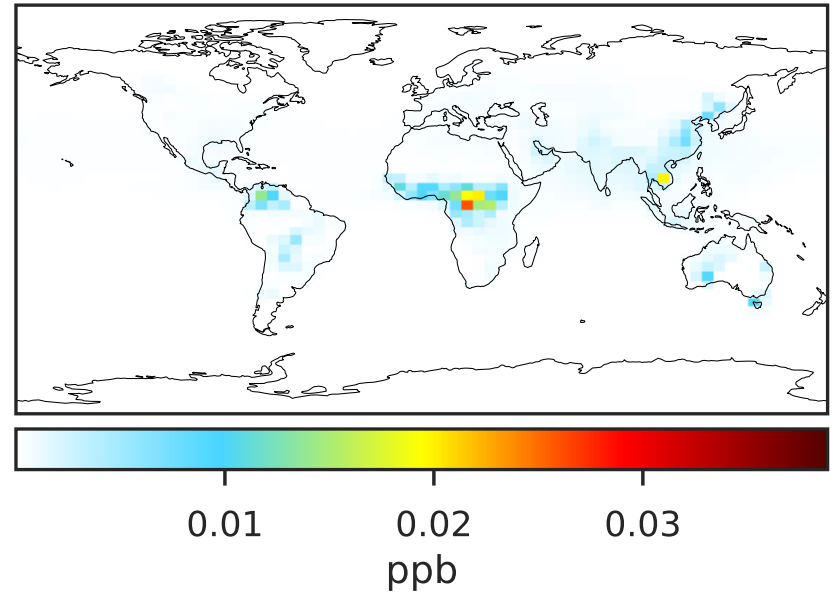
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_PHEN (Jan2019)

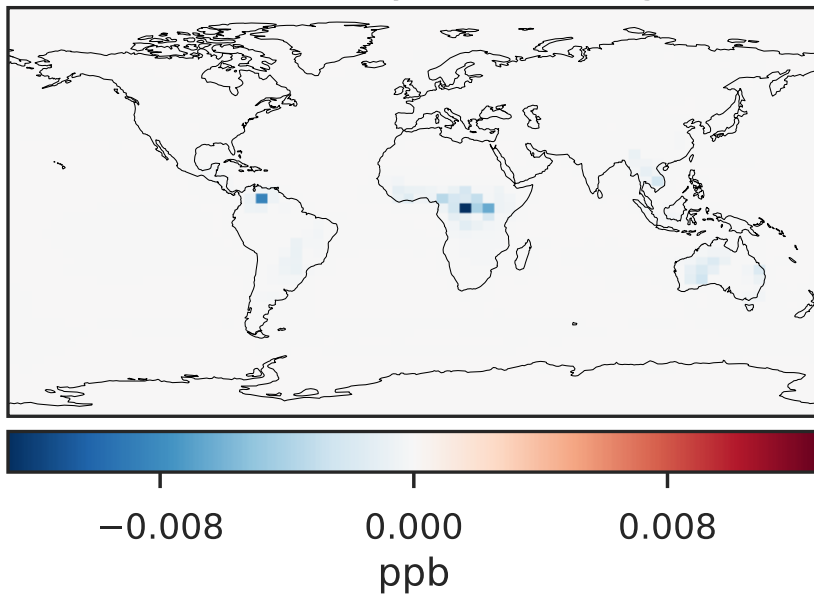
14.2.0-rc.2 (Ref)
4.0x5.0



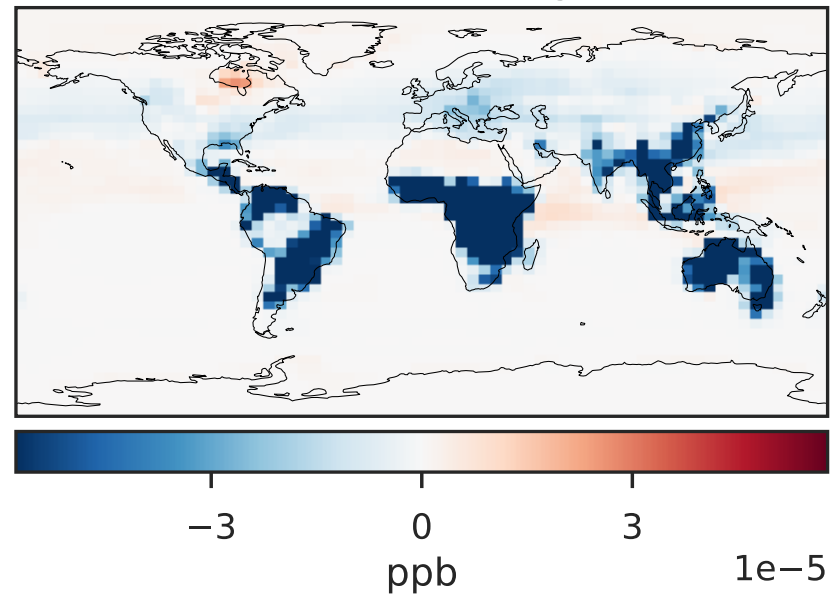
14.3.0-rc.0 (Dev)
4.0x5.0



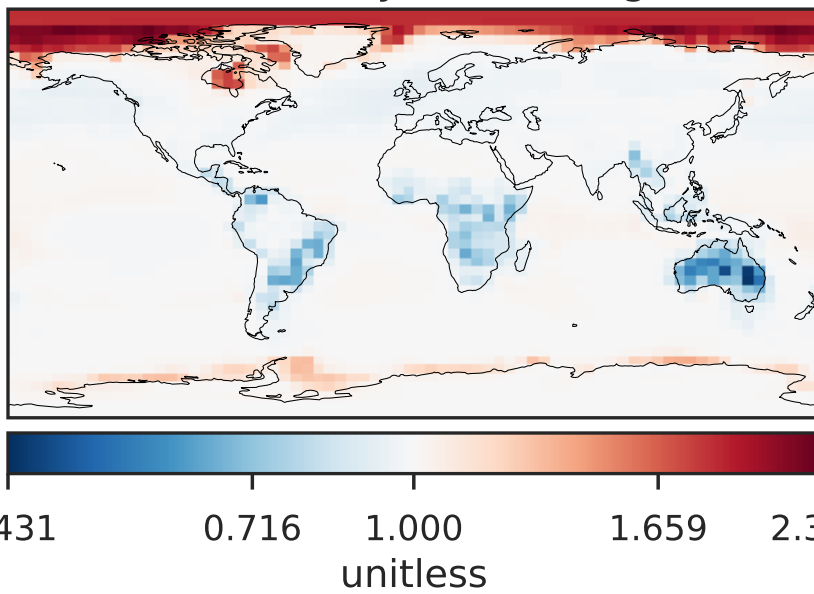
Difference
Dev - Ref, Dynamic Range



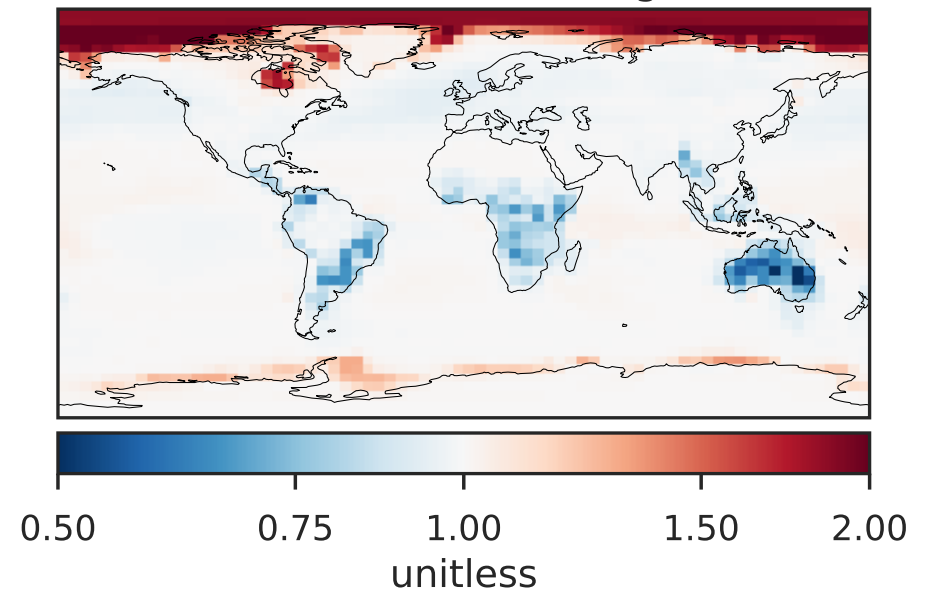
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

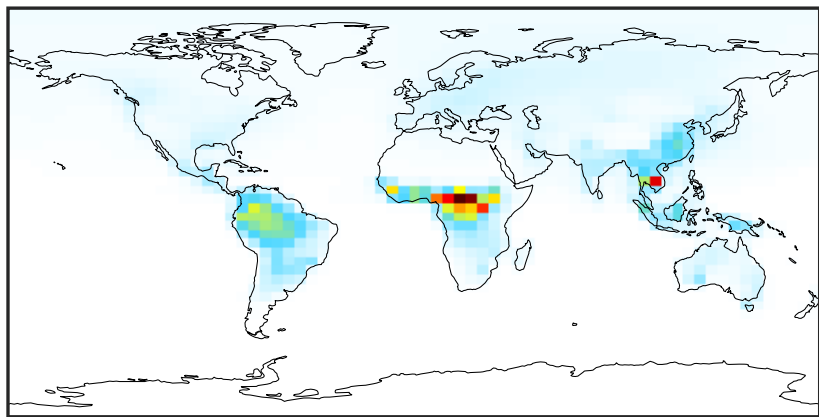


Ratio
Dev/Ref, Fixed Range



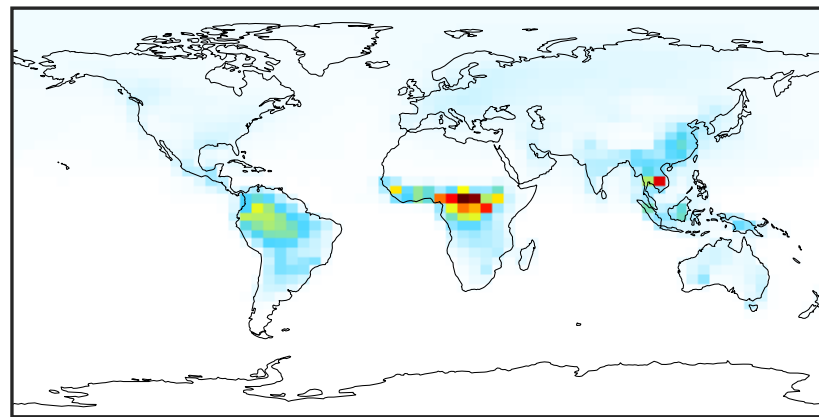
SpeciesConcVV_RCHO (Jan2019)

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



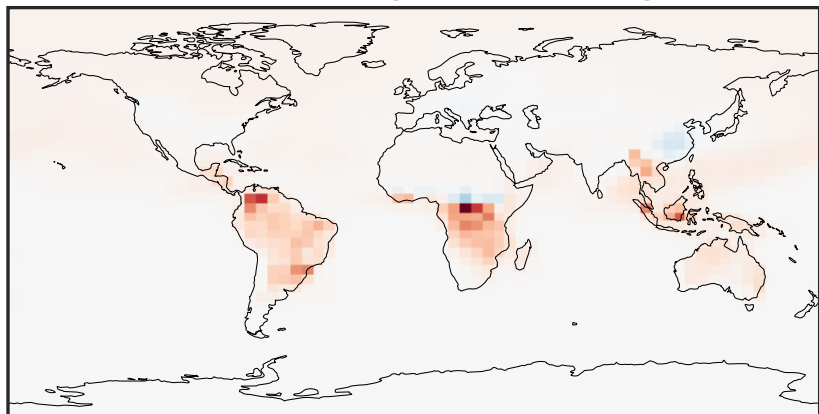
0.000 0.464 0.927 1.391 1.854
ppb

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



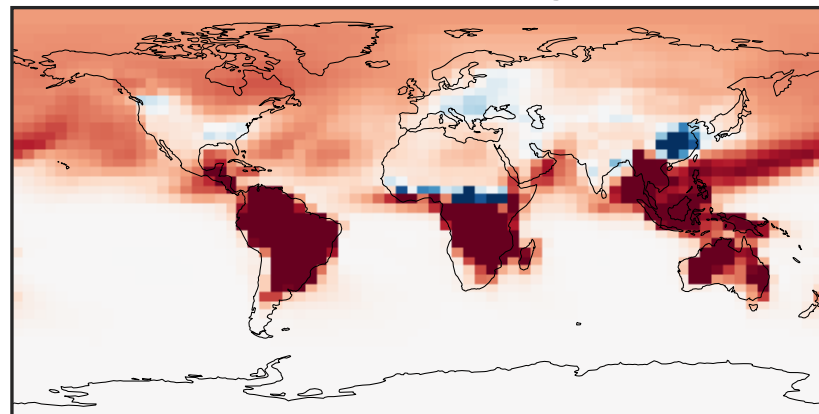
0.000 0.464 0.927 1.391 1.854
ppb

Difference
Dev - Ref, Dynamic Range



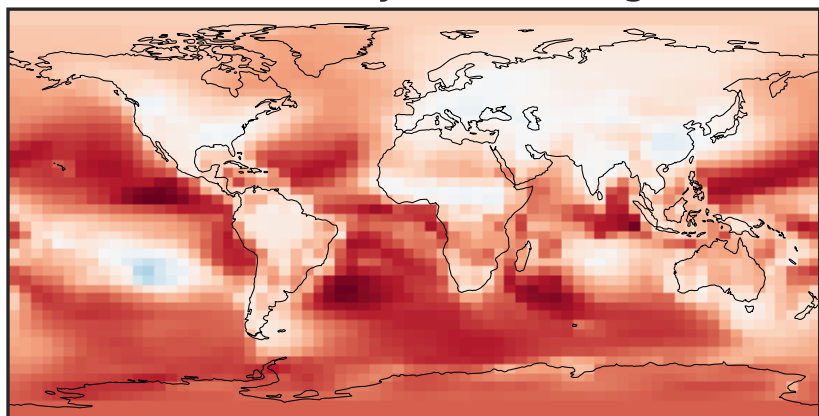
-0.0737 -0.0368 0.0000 0.0368 0.0737
ppb

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



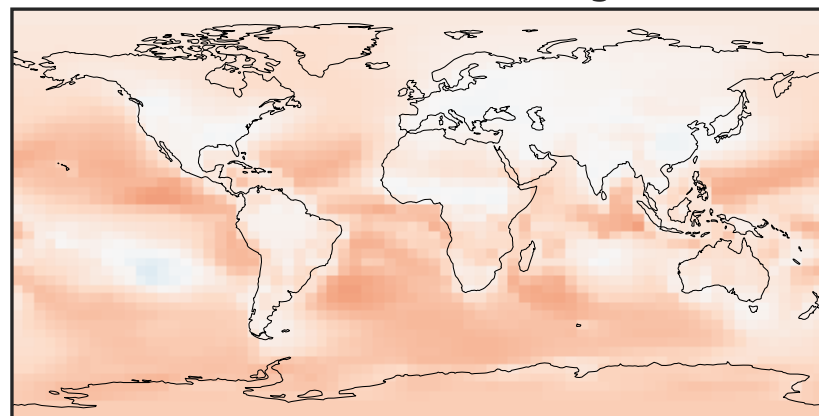
-0.004 0.000 0.004
ppb

Ratio
Dev/Ref, Dynamic Range



0.7485 0.8742 1.0000 1.1680 1.3361
unitless

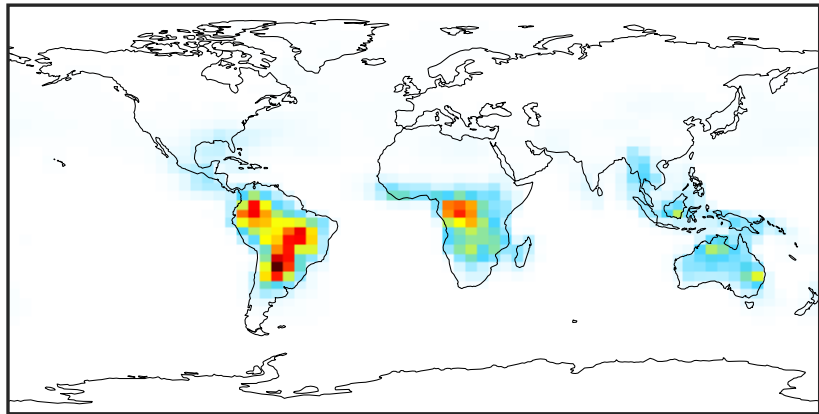
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

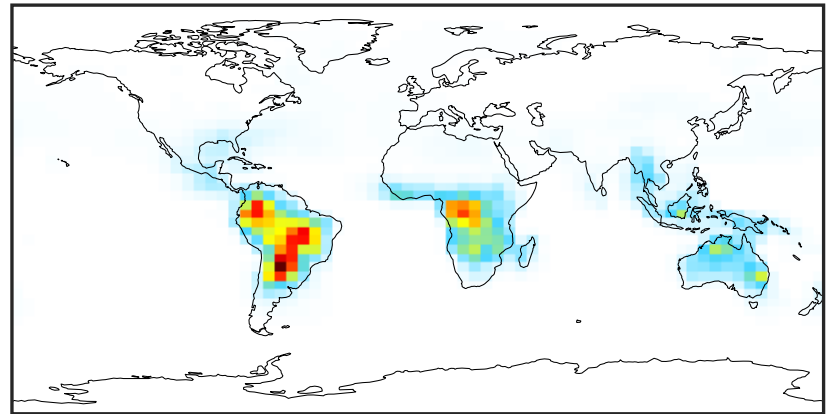
SpeciesConcVV_ETHP (Jan2019)

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



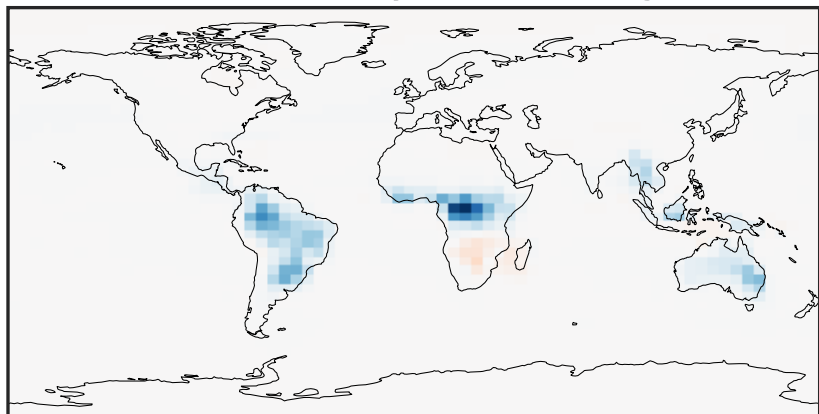
0.0000 0.0503 0.1005 0.1508 0.2010
ppb

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



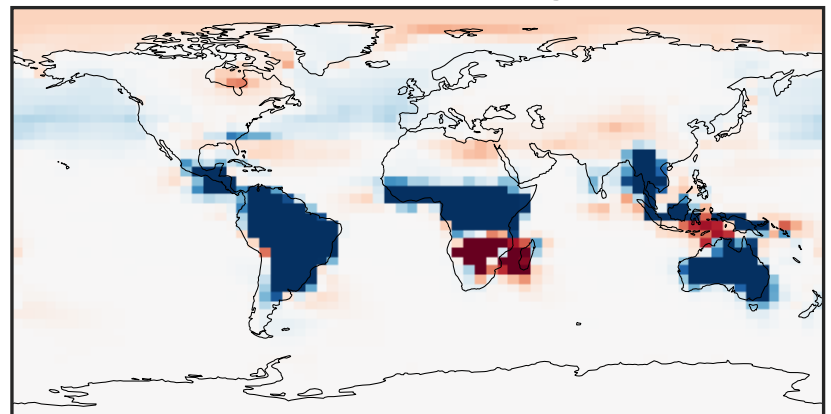
0.0000 0.0503 0.1005 0.1508 0.2010
ppb

Difference
Dev - Ref, Dynamic Range



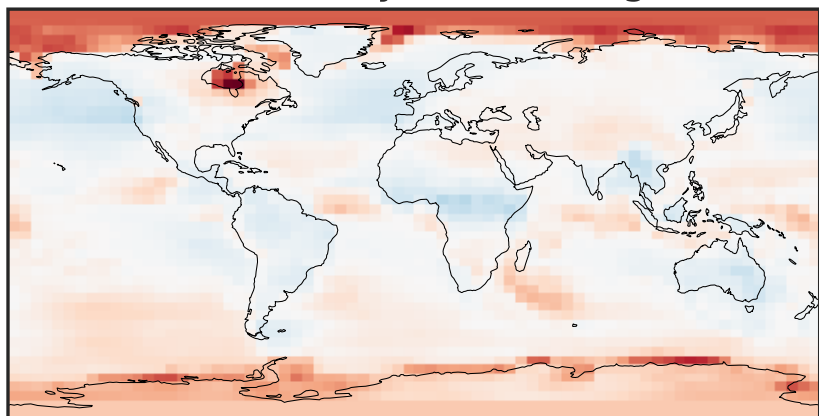
-0.005 0.000 0.005
ppb

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



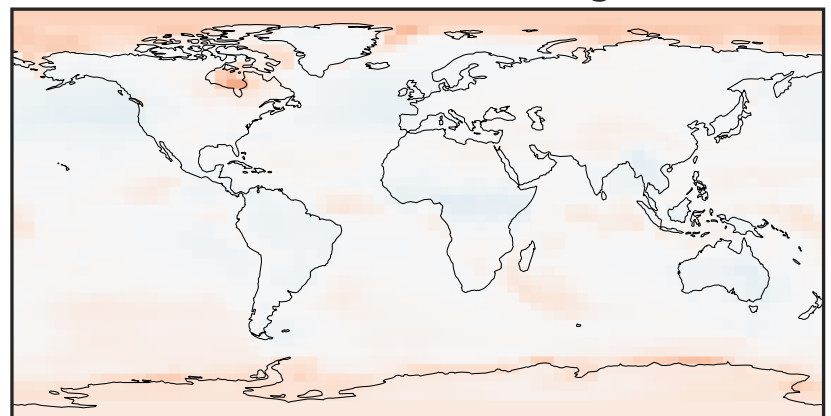
-0.0002 0.0000 0.0002
ppb

Ratio
Dev/Ref, Dynamic Range



0.7678 0.8839 1.0000 1.1512 1.3025
unitless

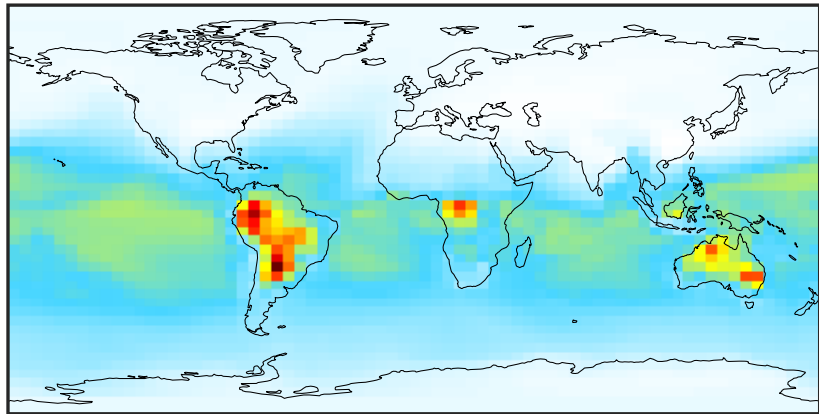
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

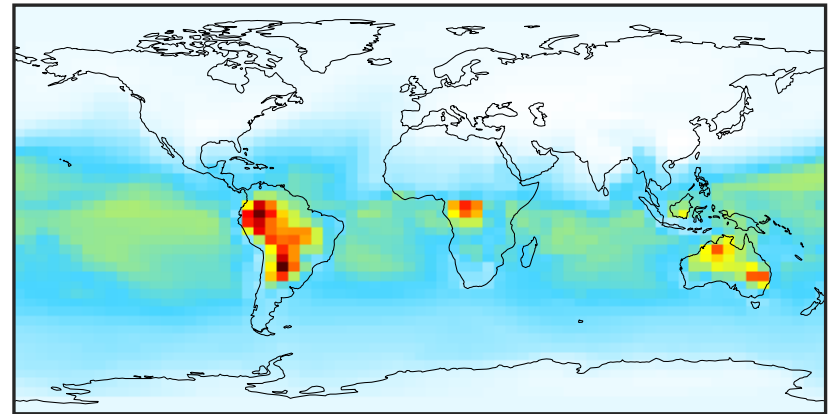
SpeciesConcVV_MP (Jan2019)

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



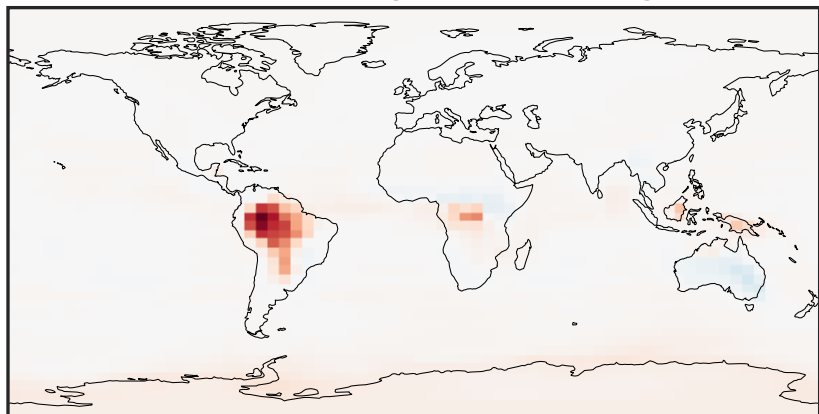
0.022 0.639 1.257 1.874 2.491
ppb

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



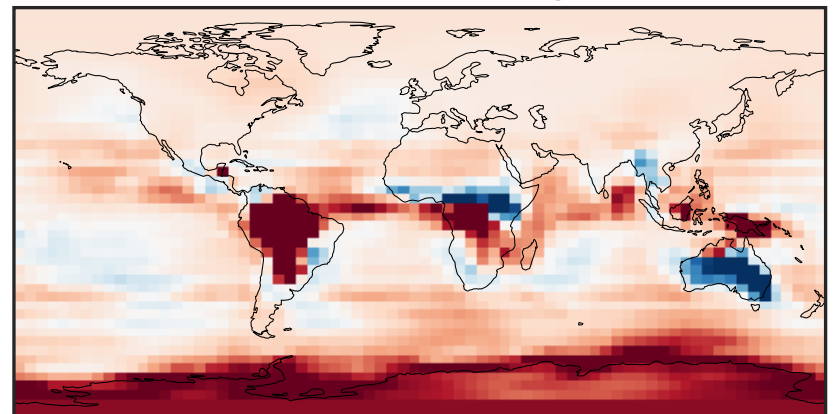
0.022 0.639 1.257 1.874 2.491
ppb

Difference
Dev - Ref, Dynamic Range



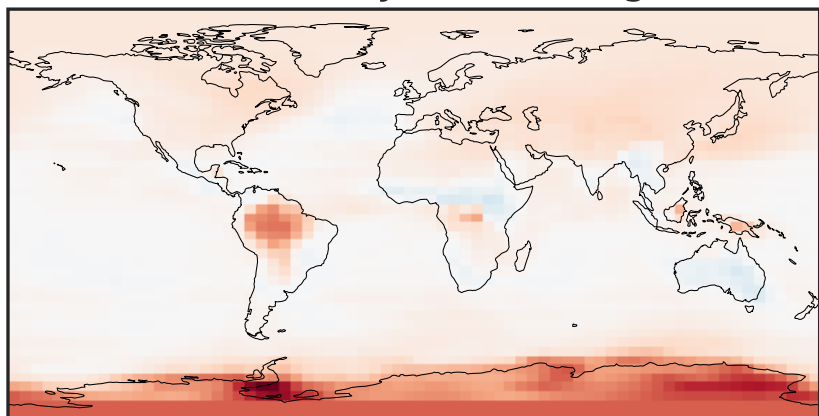
-0.2228 -0.1114 0.0000 0.1114 0.2228
ppb

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



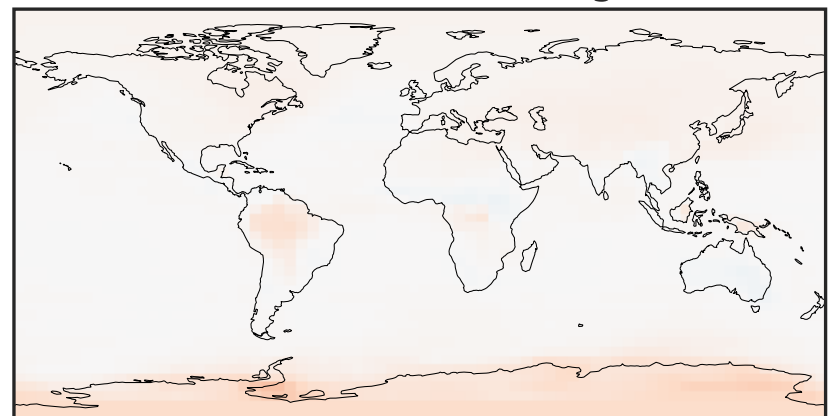
-0.008 0.000 0.008
ppb

Ratio
Dev/Ref, Dynamic Range



0.8164 0.9082 1.0000 1.1124 1.2249
unitless

Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless