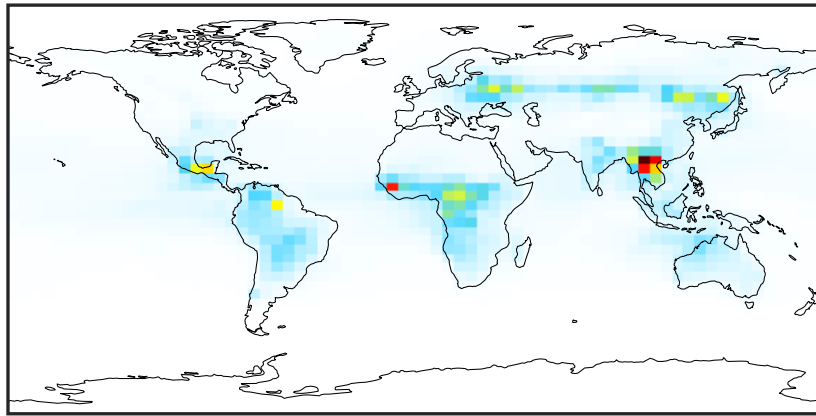


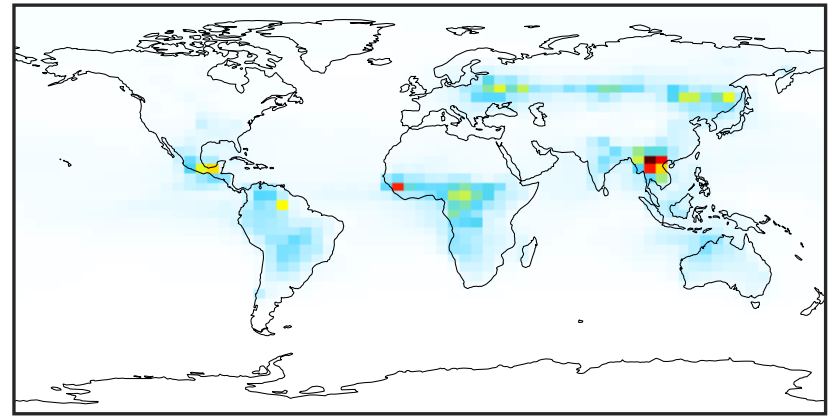
SpeciesConcVV_ACTA (Apr2019)

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



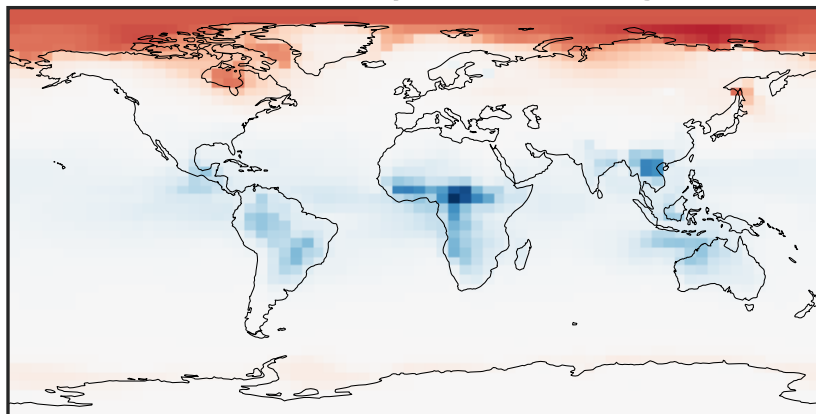
0.001 0.573 1.145 1.717 2.289
ppb

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



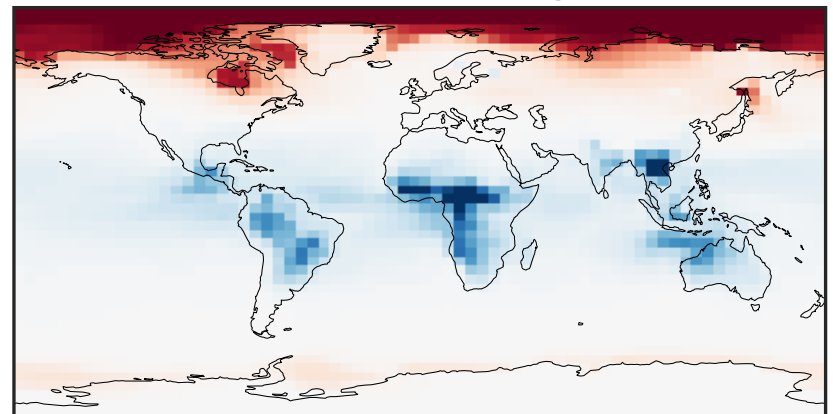
0.001 0.573 1.145 1.717 2.289
ppb

Difference
Dev - Ref, Dynamic Range



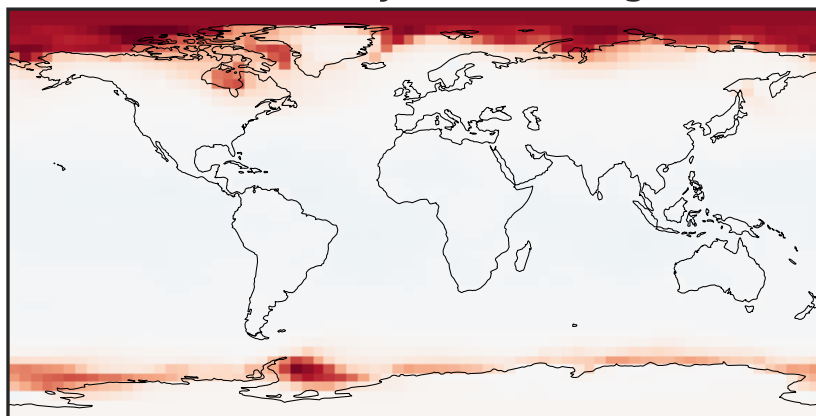
-0.015 0.000 0.015
ppb

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



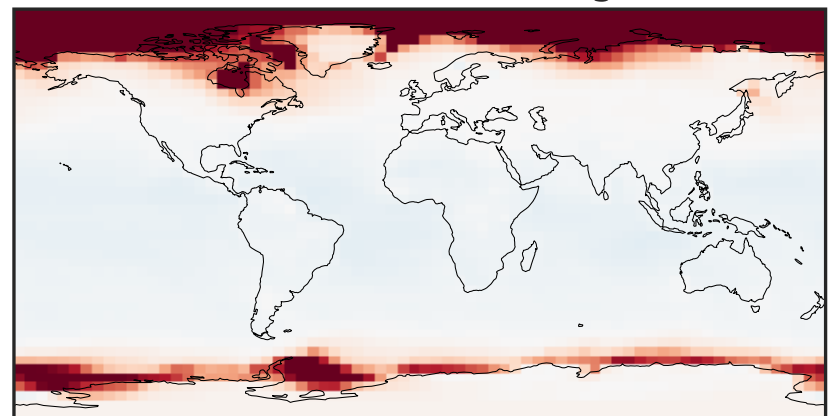
-0.01 0.00 0.01
ppb

Ratio
Dev/Ref, Dynamic Range



0.235 0.618 1.000 2.626 4.252
unitless

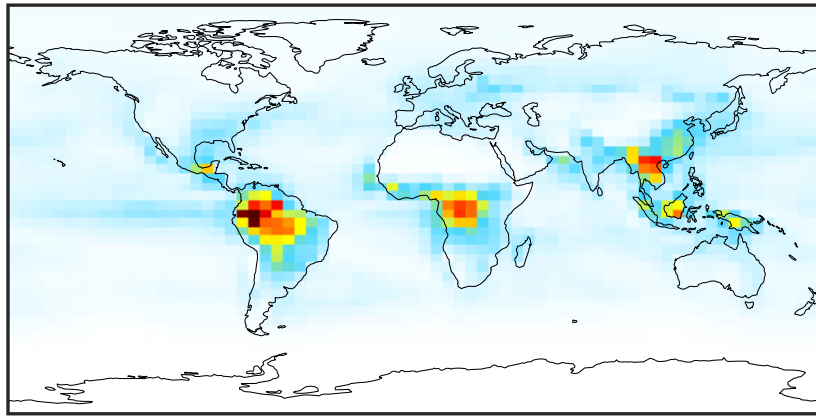
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

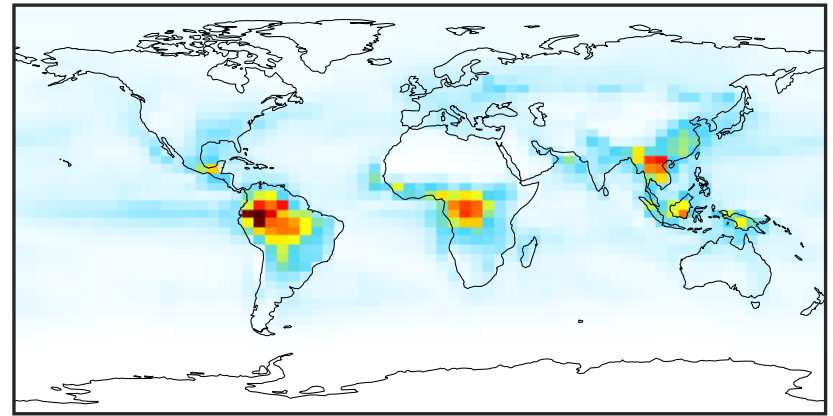
SpeciesConcVW_ALD2 (Apr2019)

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



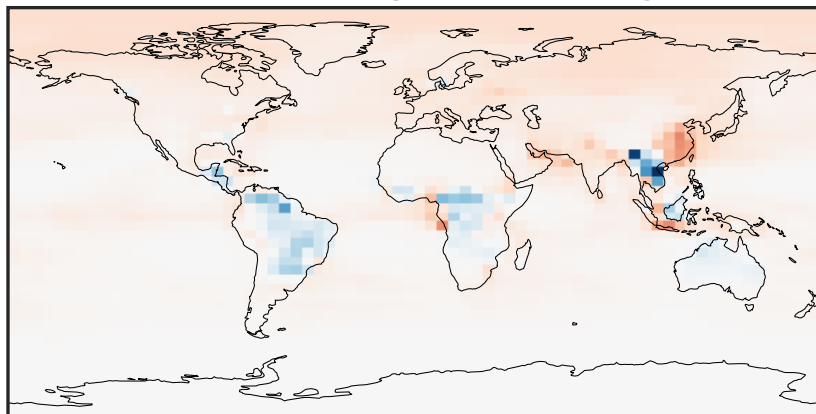
0.002 0.727 1.452 2.177 2.901
ppb

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



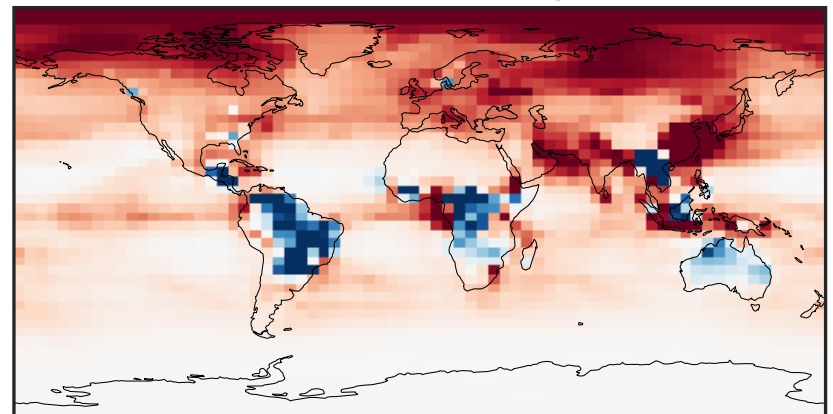
0.002 0.727 1.452 2.177 2.901
ppb

Difference
Dev - Ref, Dynamic Range



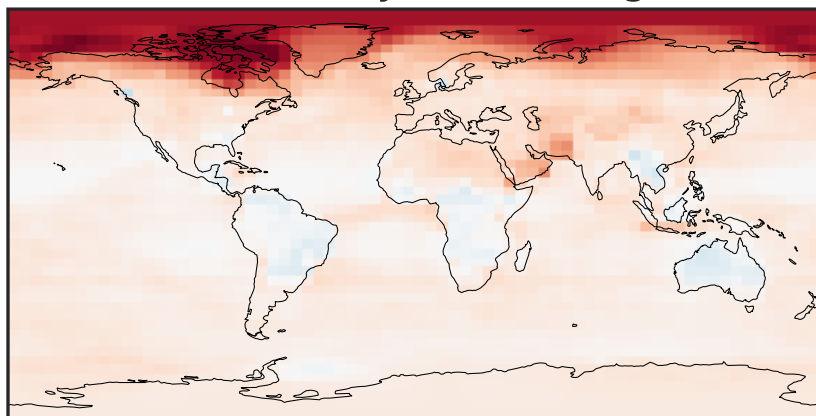
-0.025 0.000 0.025
ppb

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



-0.004 0.000 0.004
ppb

Ratio
Dev/Ref, Dynamic Range



0.8698 0.9349 1.0000 1.0748 1.1497
unitless

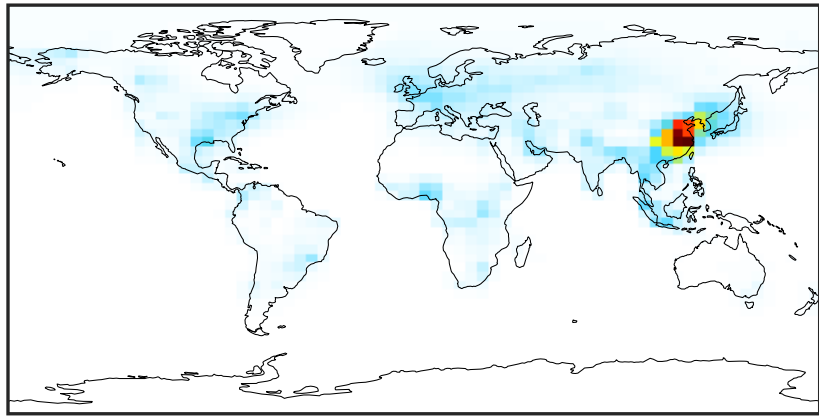
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

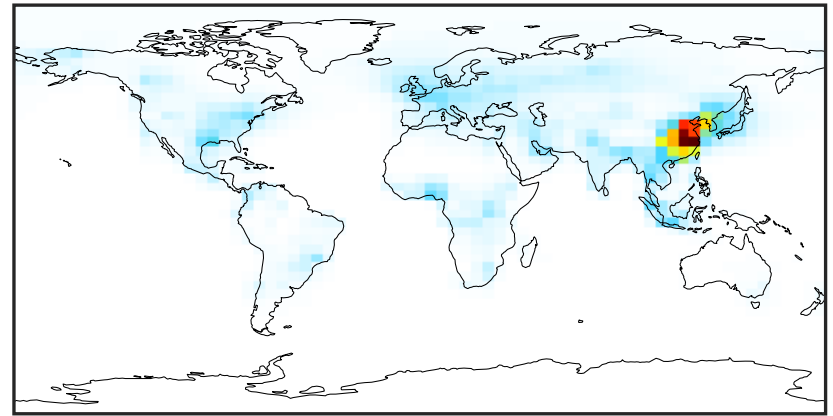
SpeciesConcVV_BALD (Apr2019)

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



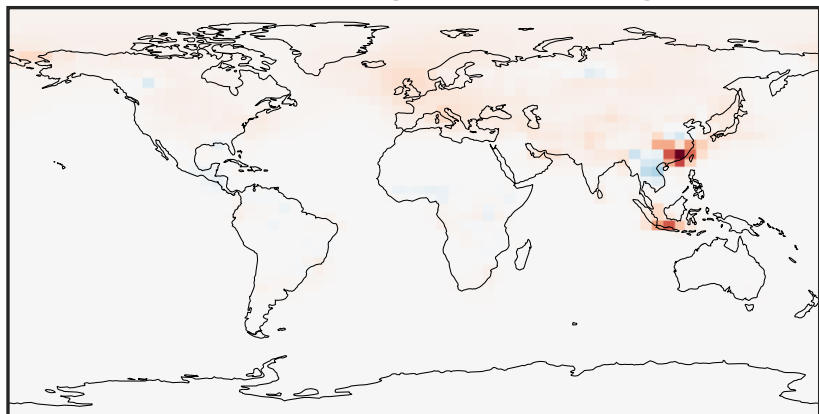
0.004 0.008 0.012
ppb

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



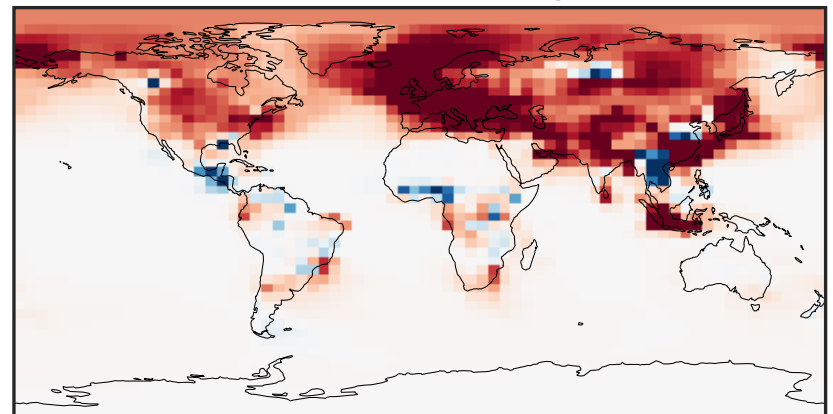
0.004 0.008 0.012
ppb

Difference
Dev - Ref, Dynamic Range



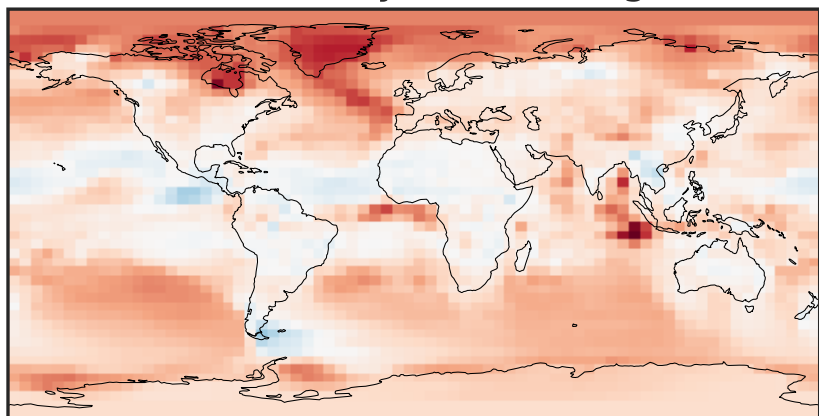
-8 0 8
ppb $1e-5$

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



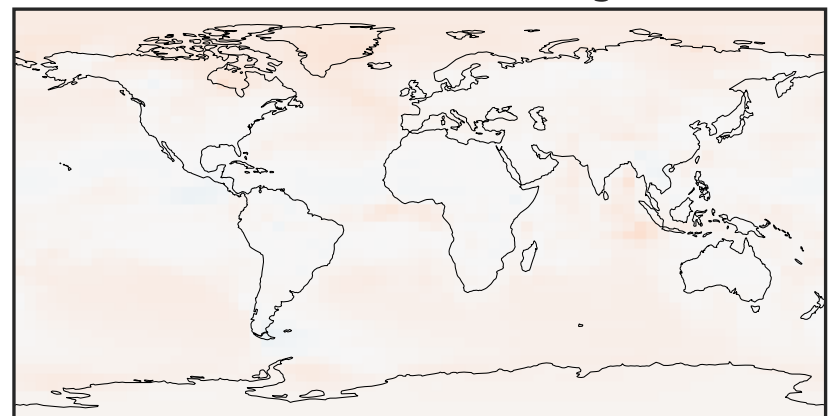
-6 0 6
ppb $1e-6$

Ratio
Dev/Ref, Dynamic Range



0.8955 0.9477 1.0000 1.0584 1.1167
unitless

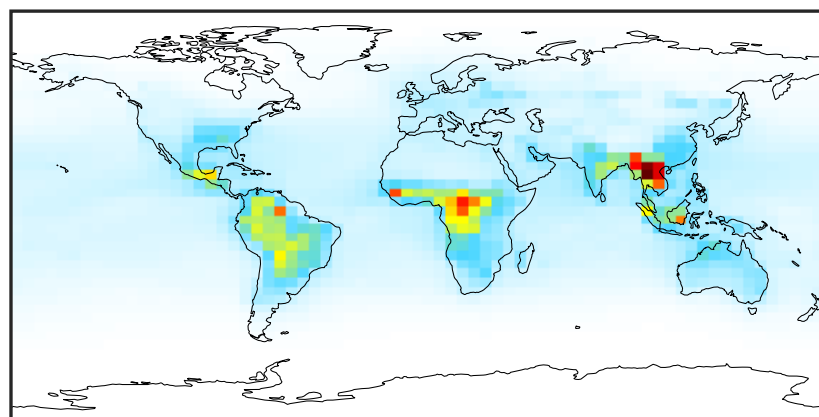
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

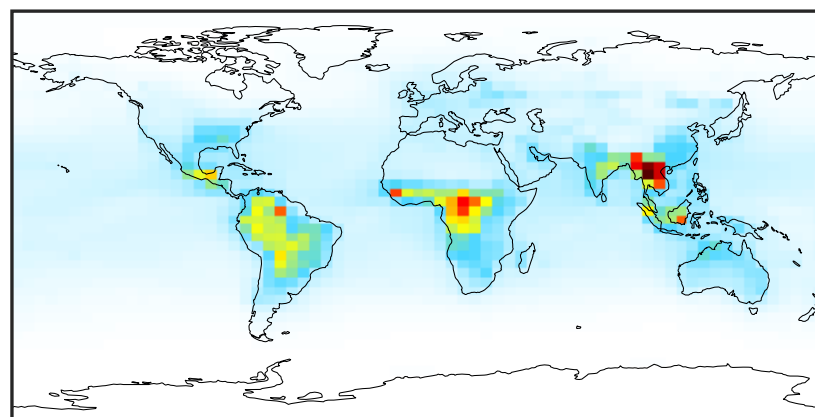
SpeciesConcVV_CH2O (Apr2019)

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



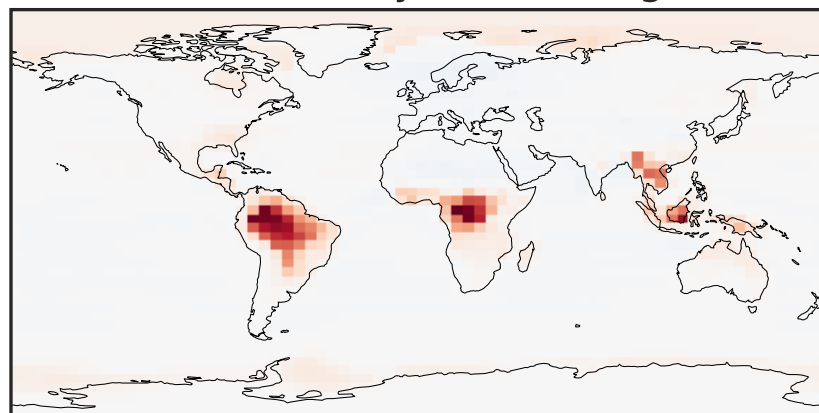
0.014 1.695 3.377 5.059 6.740
ppb

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



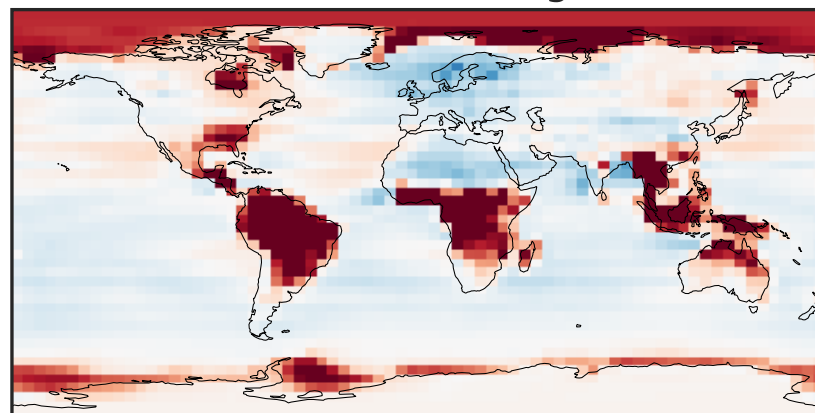
0.014 1.695 3.377 5.059 6.740
ppb

Difference
Dev - Ref, Dynamic Range



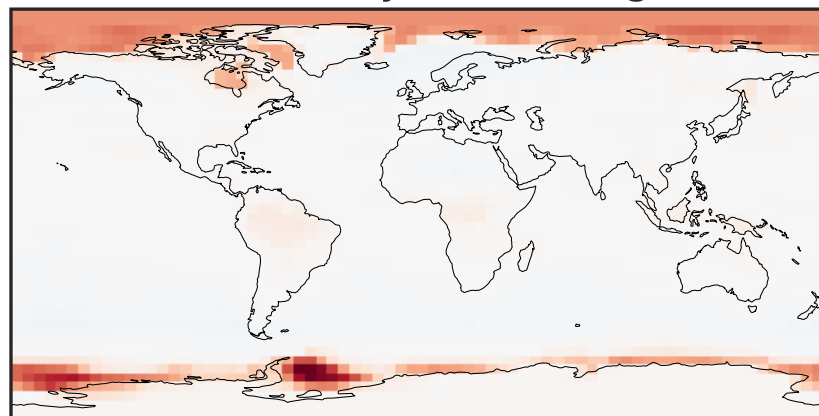
-0.2485 -0.1243 0.0000 0.1243 0.2485
ppb

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



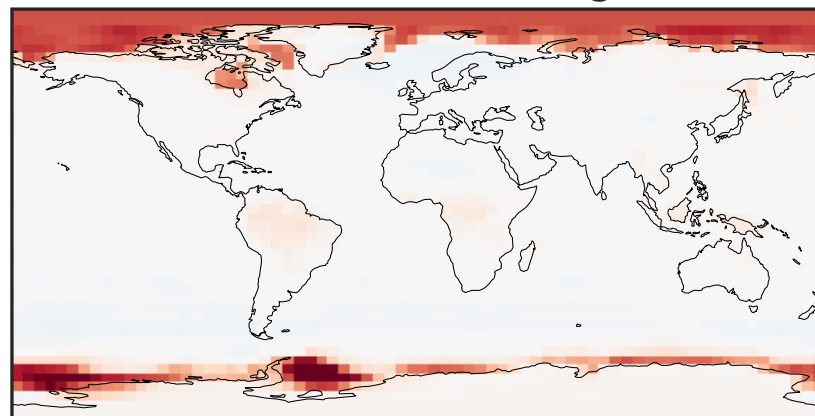
-0.015 0.000 0.015
ppb

Ratio
Dev/Ref, Dynamic Range



0.381 0.691 1.000 1.812 2.624
unitless

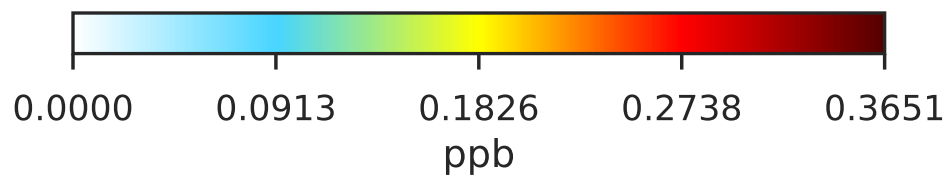
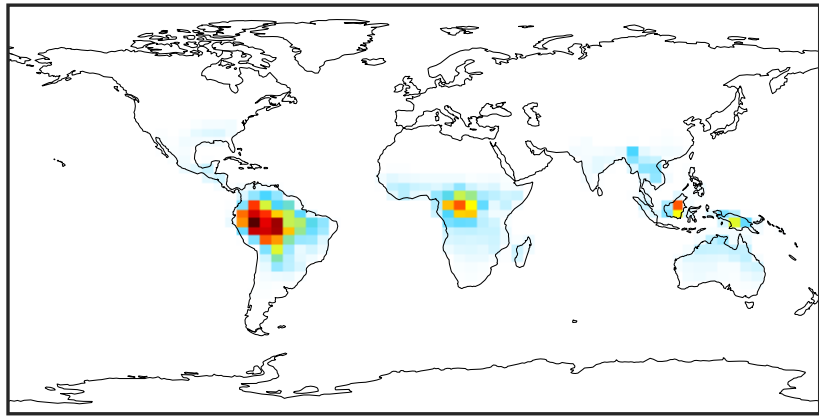
Ratio
Dev/Ref, Fixed Range



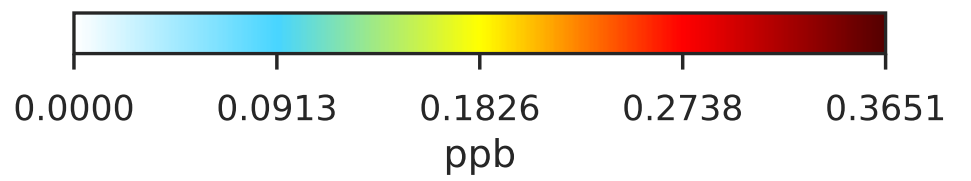
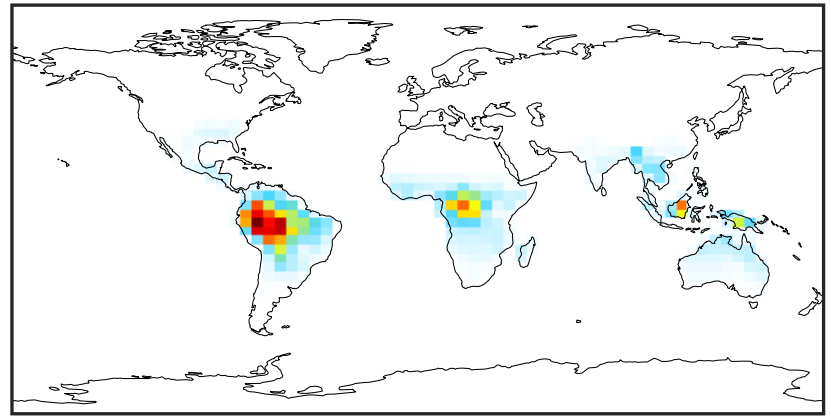
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_HPALDs (Apr2019)

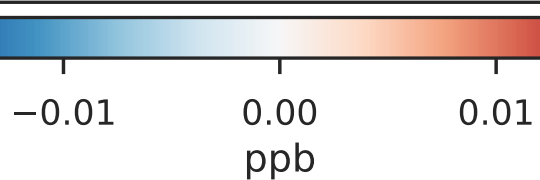
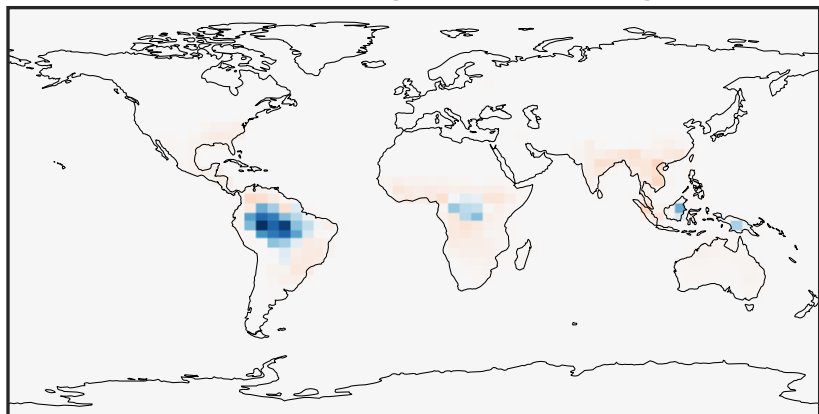
14.2.0-rc.2 (Ref)
4.0x5.0



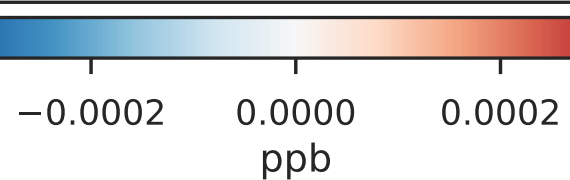
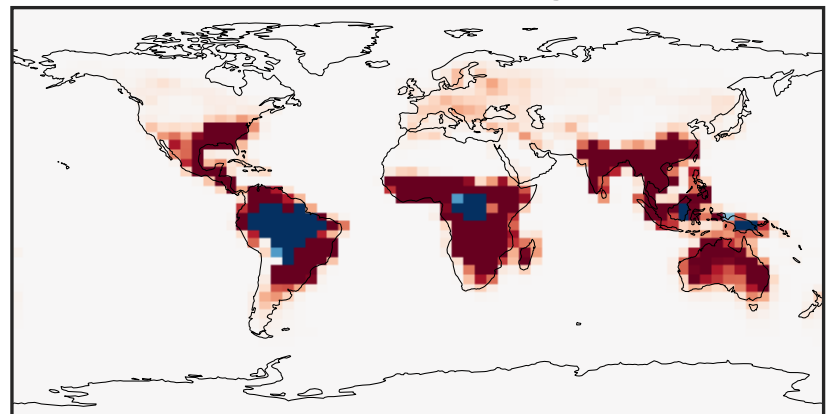
14.3.0-rc.0 (Dev)
4.0x5.0



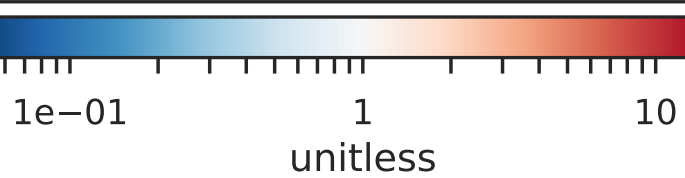
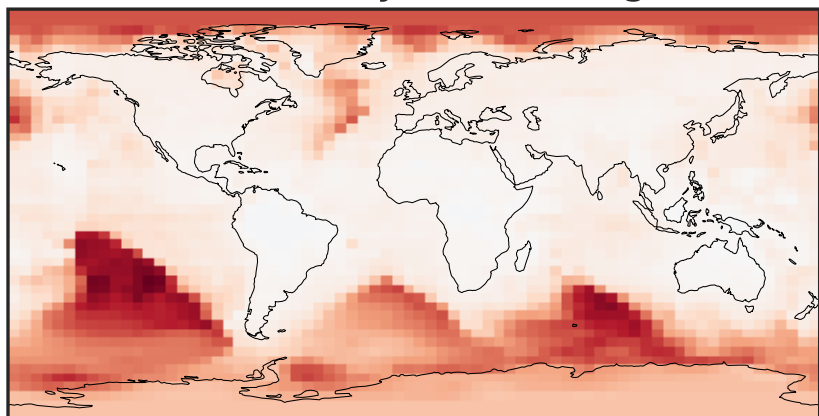
Difference
Dev - Ref, Dynamic Range



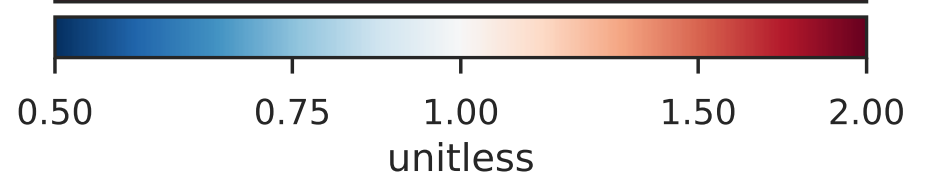
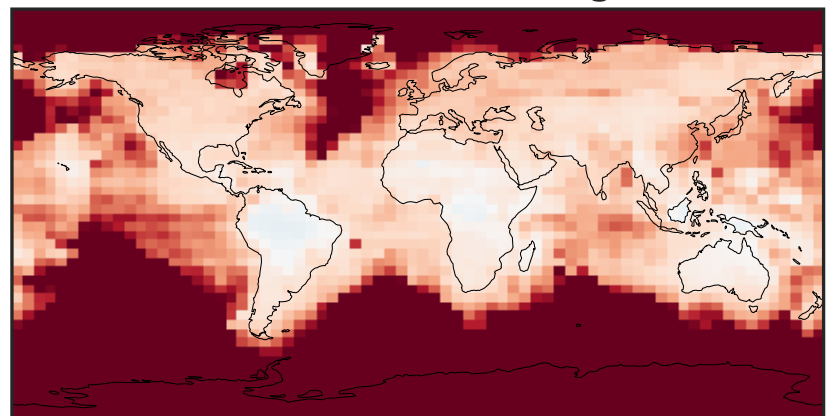
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

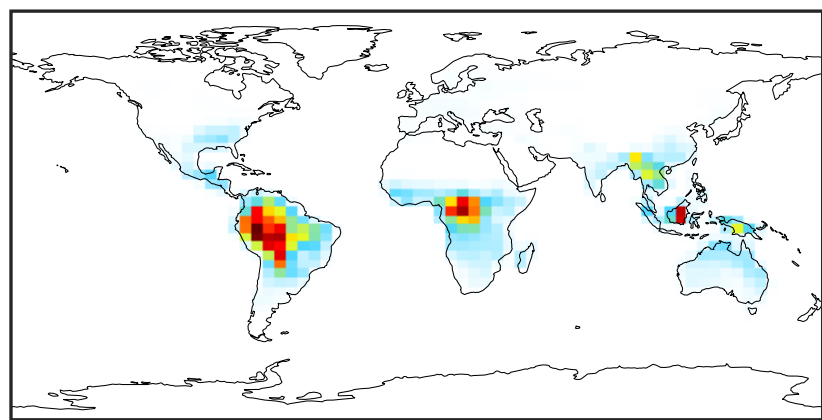


Ratio
Dev/Ref, Fixed Range



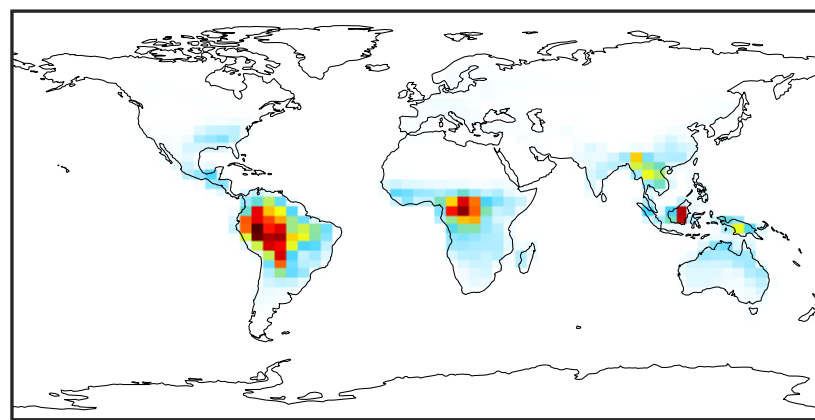
SpeciesConcVV_MACR (Apr2019)

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



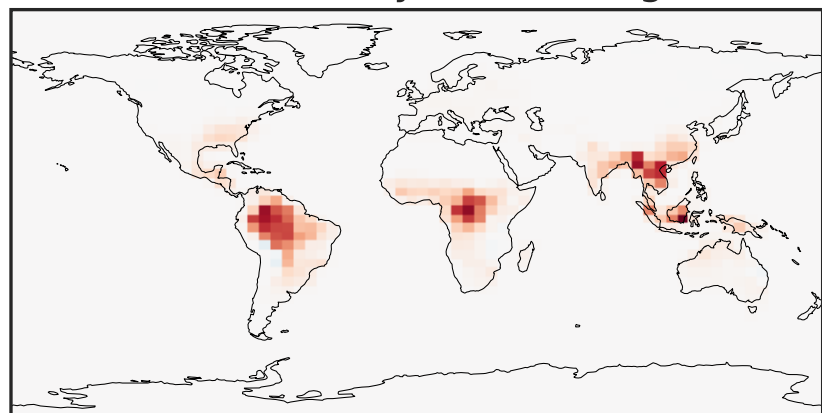
0.000 0.264 0.527 0.791 1.055
ppb

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



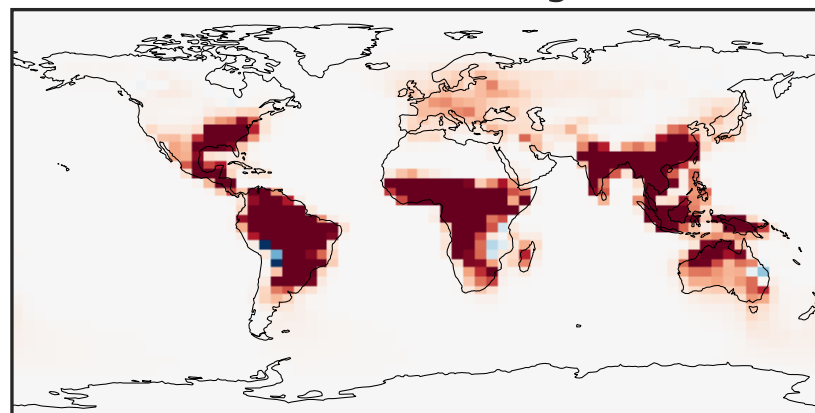
0.000 0.264 0.527 0.791 1.055
ppb

Difference
Dev - Ref, Dynamic Range



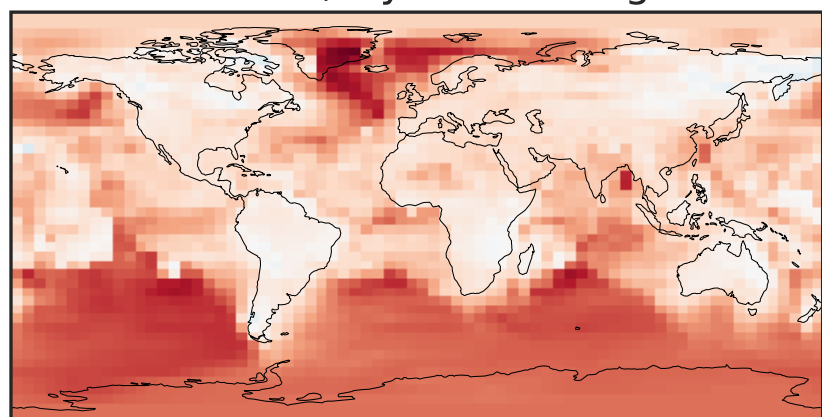
-0.02 0.00 0.02
ppb

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



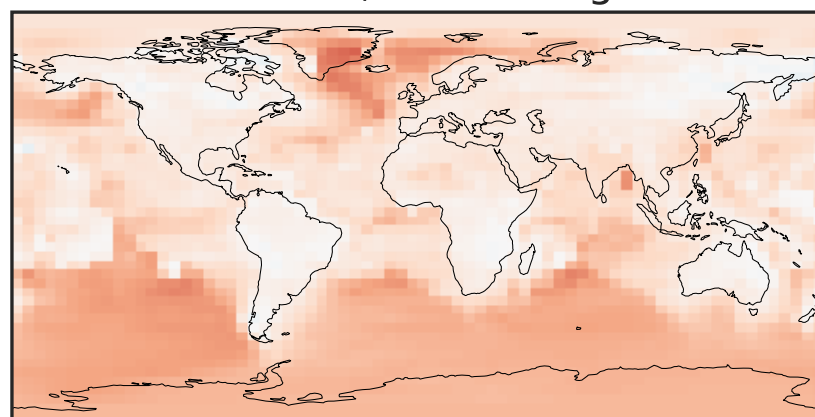
-0.0015 0.0000 0.0015
ppb

Ratio
Dev/Ref, Dynamic Range



0.6654 0.8327 1.0000 1.2515 1.5029
unitless

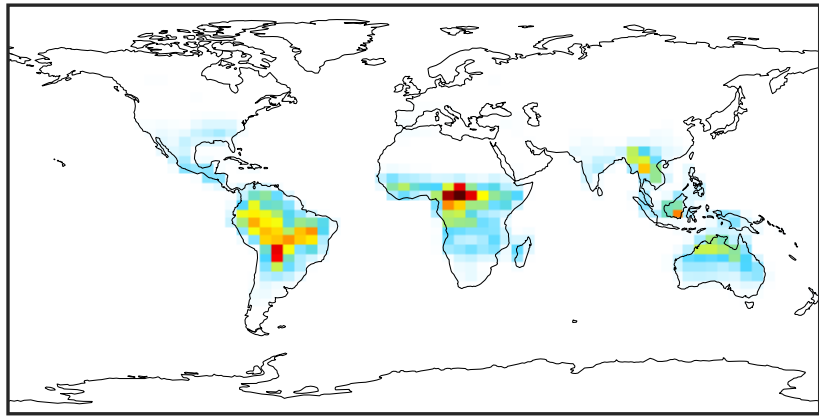
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

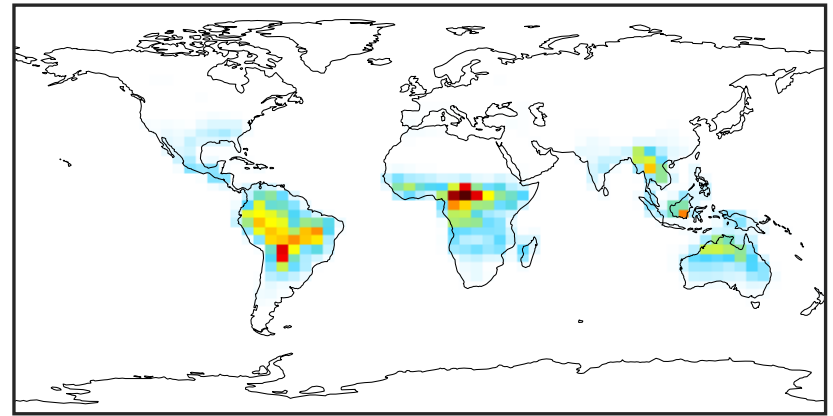
SpeciesConcVV_IEPOX (Apr2019)

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



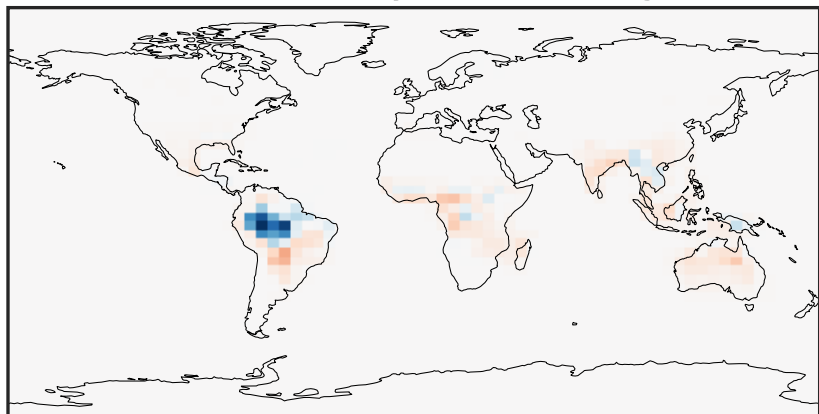
0.000 0.256 0.512 0.768 1.024
ppb

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



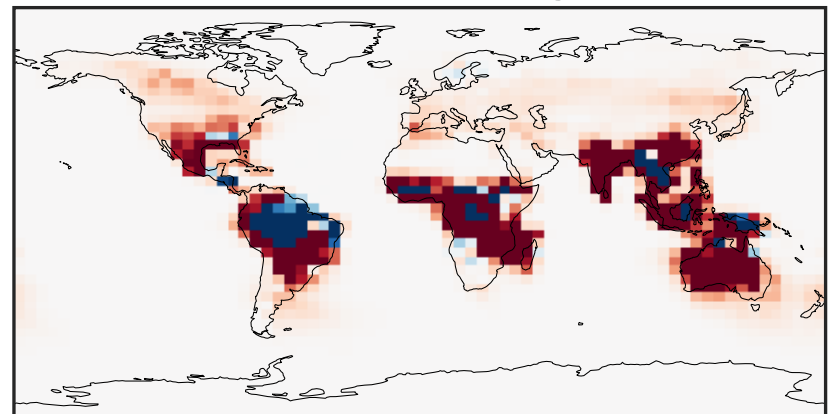
0.000 0.256 0.512 0.768 1.024
ppb

Difference
Dev - Ref, Dynamic Range



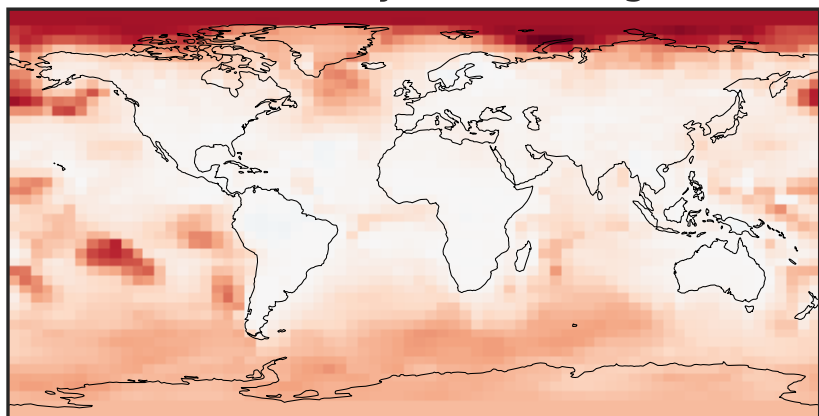
-0.01 0.00 0.01
ppb

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



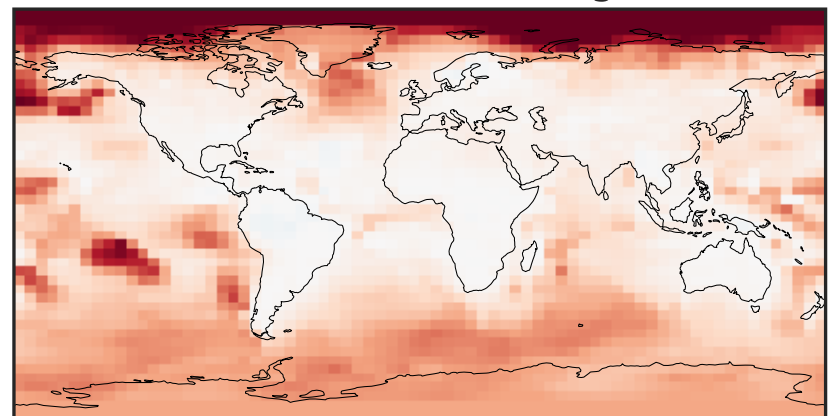
-0.0003 0.0000 0.0003
ppb

Ratio
Dev/Ref, Dynamic Range



0.429 0.714 1.000 1.666 2.332
unitless

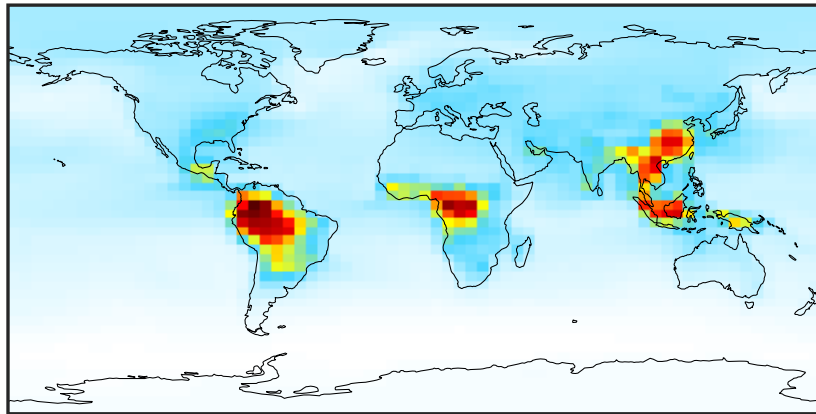
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

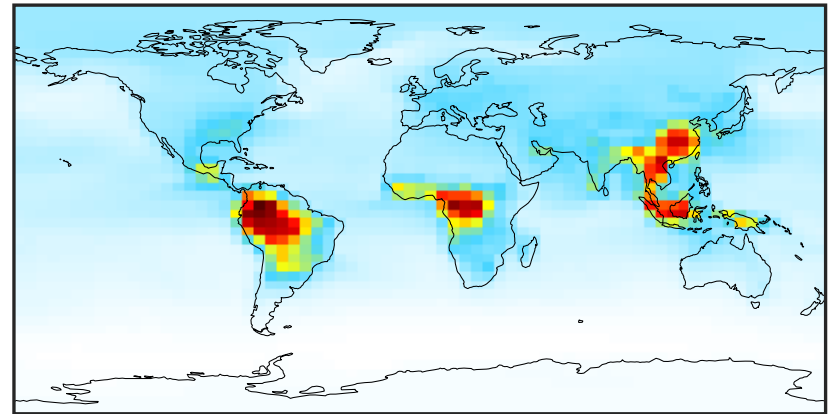
SpeciesConcVV_ACET (Apr2019)

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



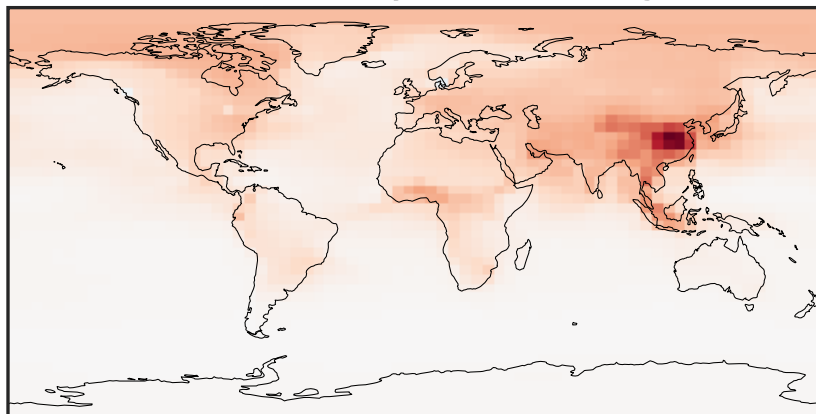
0.123 1.529 2.935 4.340 5.746
ppb

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



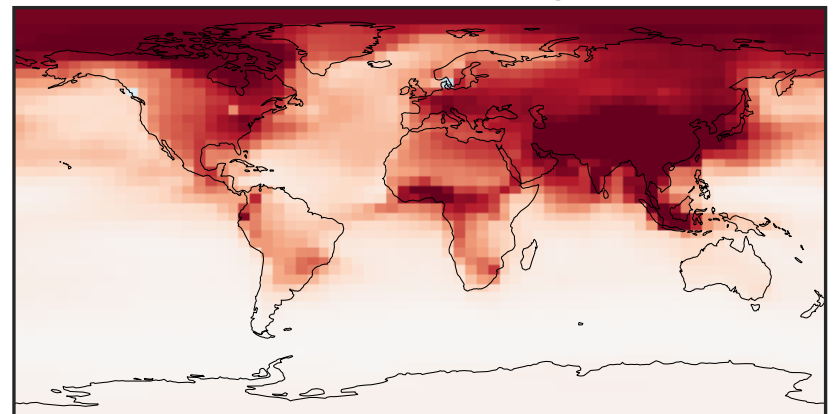
0.123 1.529 2.935 4.340 5.746
ppb

Difference
Dev - Ref, Dynamic Range



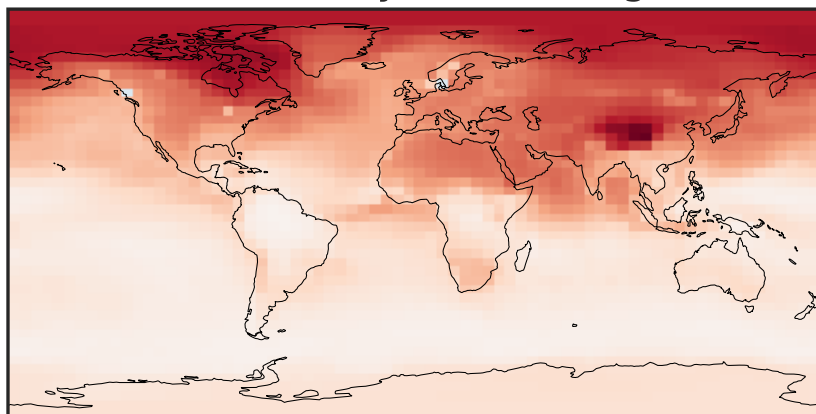
-0.2176 -0.1088 0.0000 0.1088 0.2176
ppb

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



-0.0711 -0.0356 0.0000 0.0356 0.0711
ppb

Ratio
Dev/Ref, Dynamic Range



0.9037 0.9518 1.0000 1.0533 1.1066
unitless

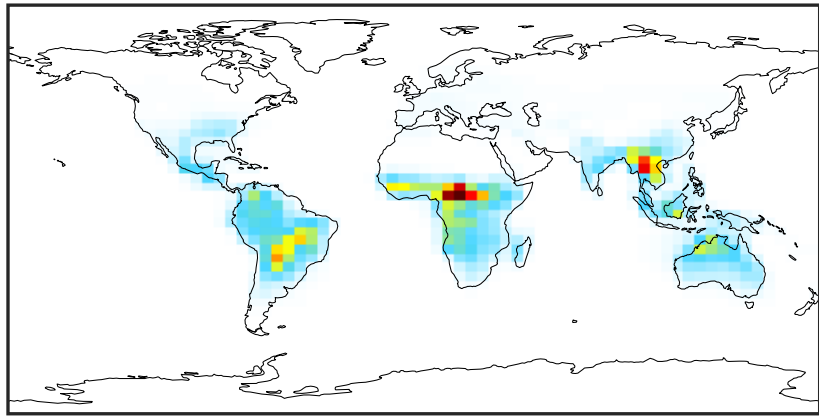
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

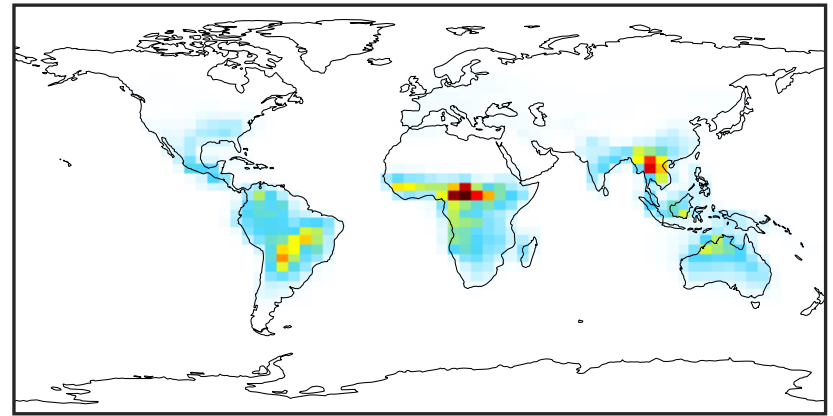
SpeciesConcVV_HAC (Apr2019)

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



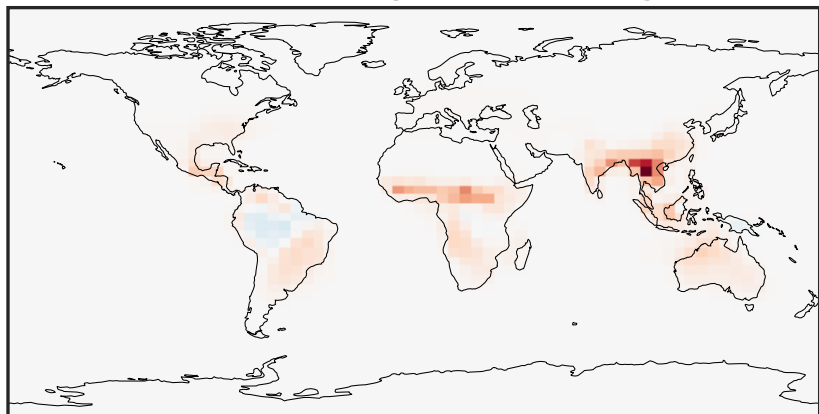
0.000 0.251 0.501 0.752 1.003
ppb

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



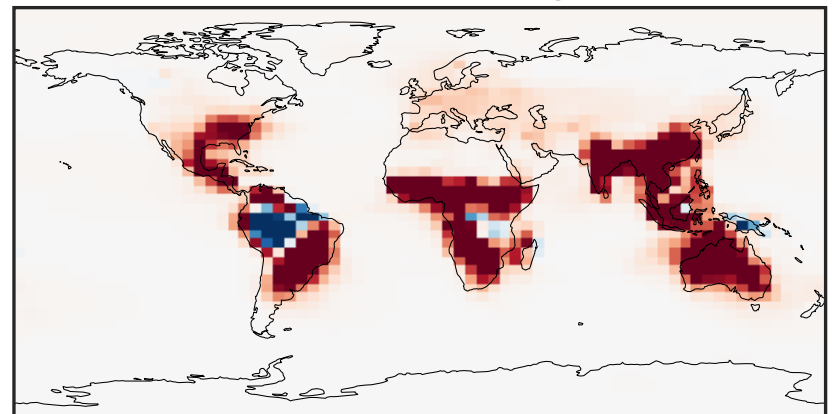
0.000 0.251 0.501 0.752 1.003
ppb

Difference
Dev - Ref, Dynamic Range



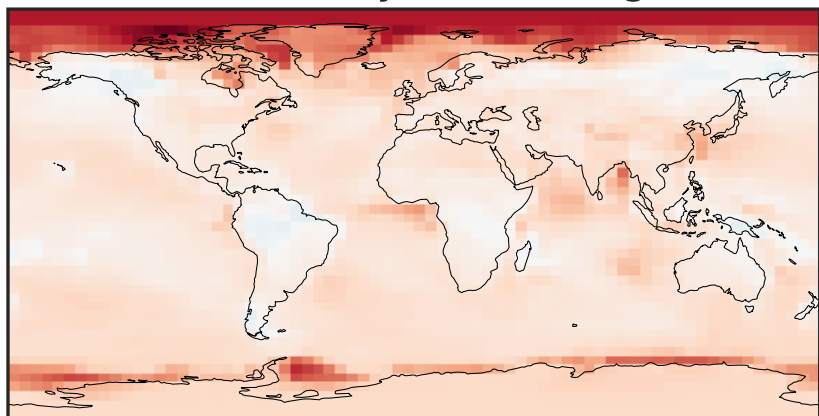
-0.015 0.000 0.015
ppb

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



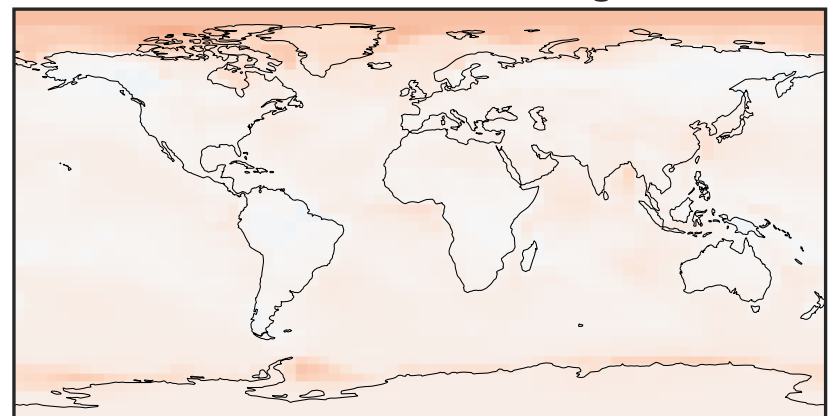
-0.001 0.000 0.001
ppb

Ratio
Dev/Ref, Dynamic Range



0.7773 0.8887 1.0000 1.1432 1.2865
unitless

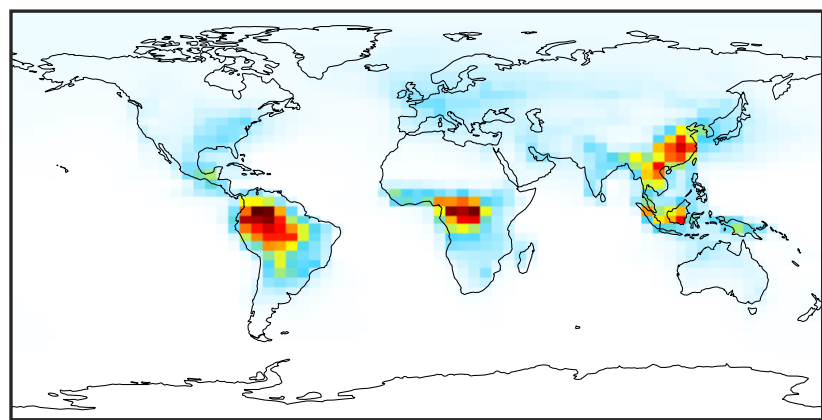
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

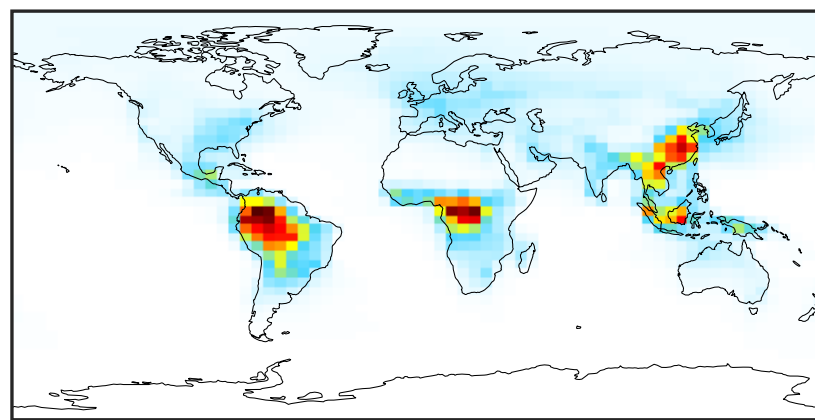
SpeciesConcVV_MEK (Apr2019)

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



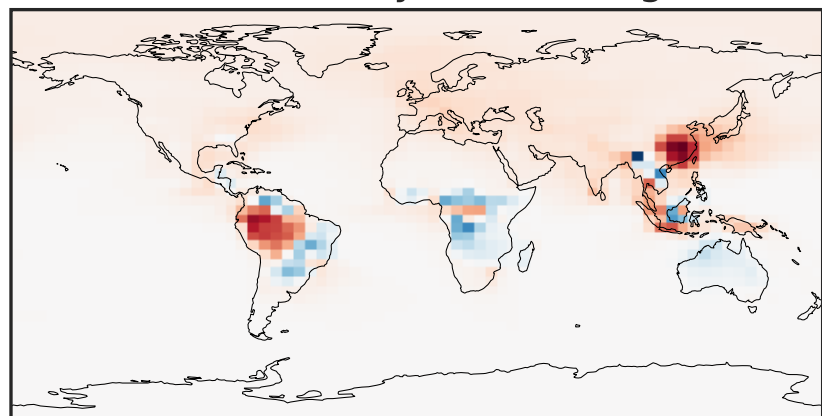
0.000 0.436 0.872 1.309 1.745
ppb

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



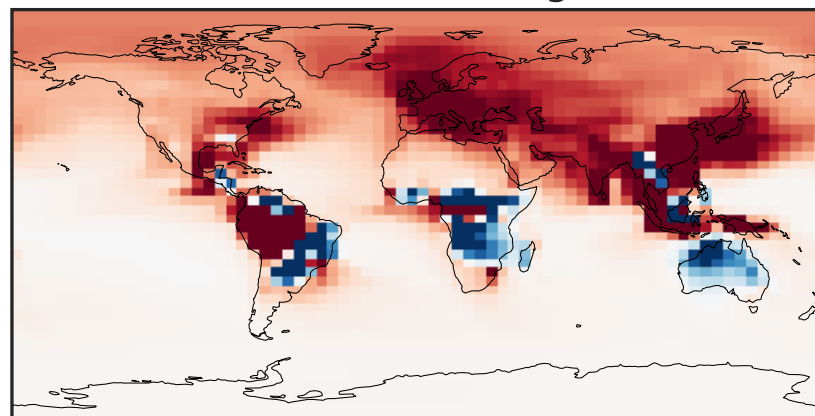
0.000 0.436 0.872 1.309 1.745
ppb

Difference
Dev - Ref, Dynamic Range



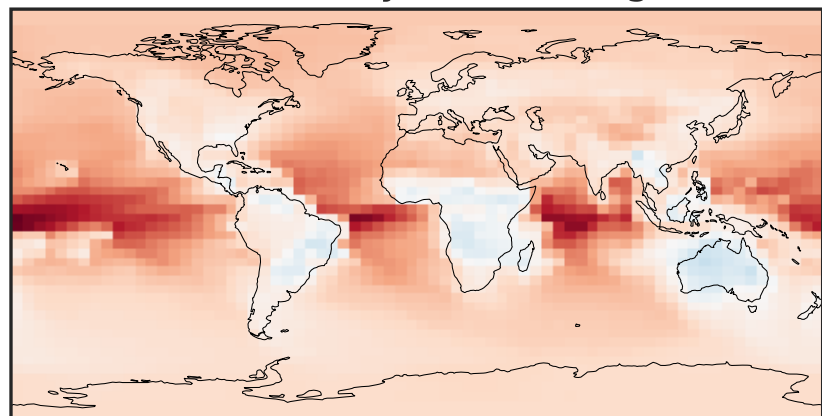
-0.02 0.00 0.02
ppb

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



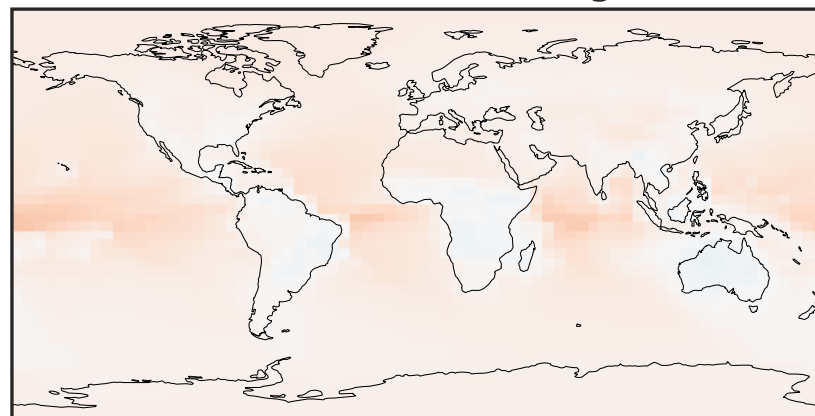
-0.0025 0.0000 0.0025
ppb

Ratio
Dev/Ref, Dynamic Range



0.8229 0.9114 1.0000 1.1076 1.2152
unitless

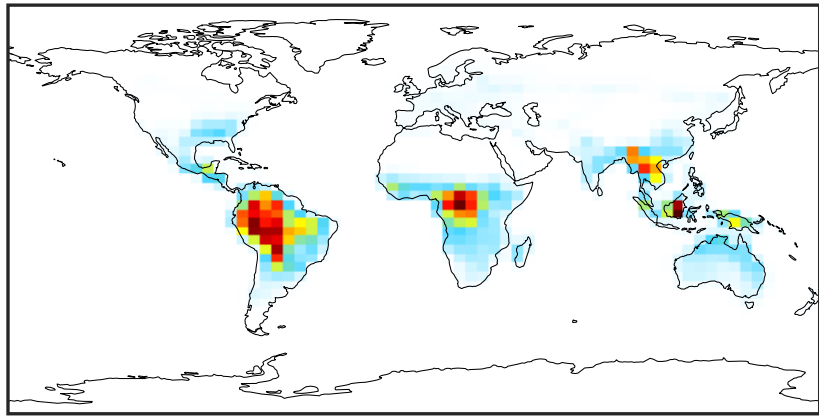
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

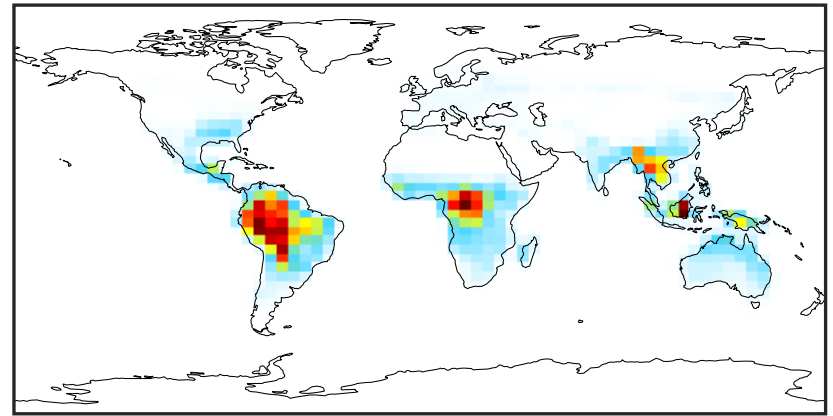
SpeciesConcVW_MVK (Apr2019)

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



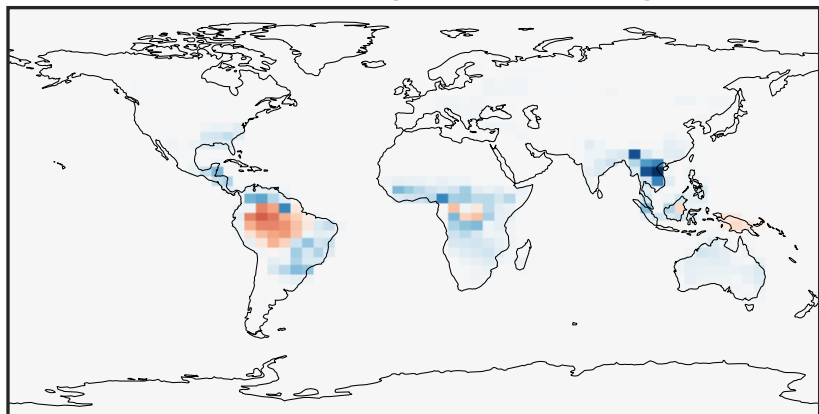
0.000 0.412 0.824 1.235 1.647
ppb

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



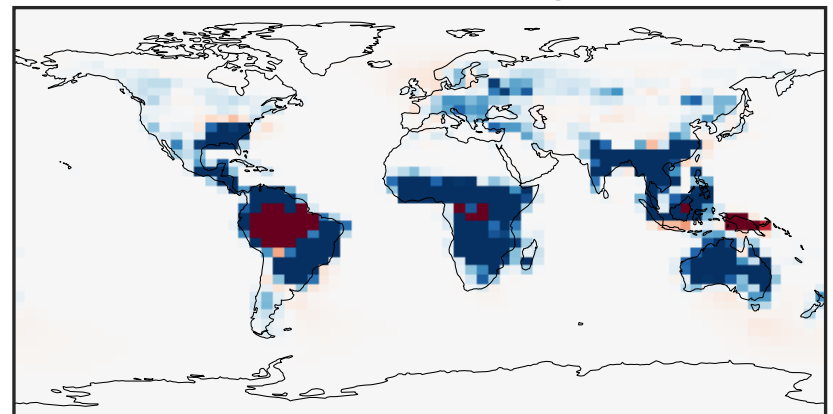
0.000 0.412 0.824 1.235 1.647
ppb

Difference
Dev - Ref, Dynamic Range



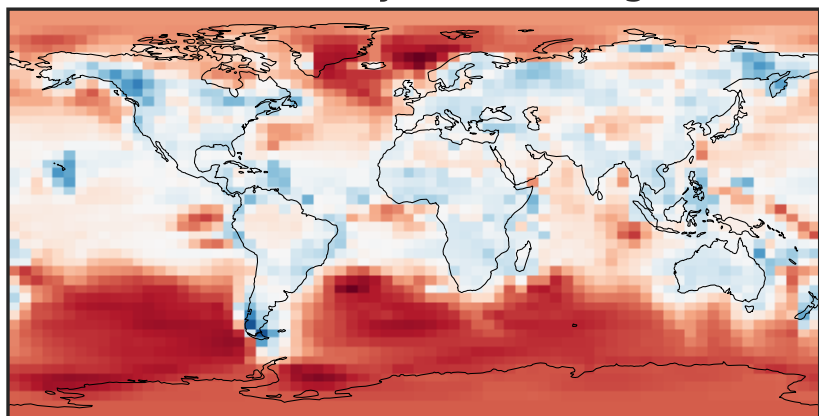
-0.025 0.000 0.025
ppb

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



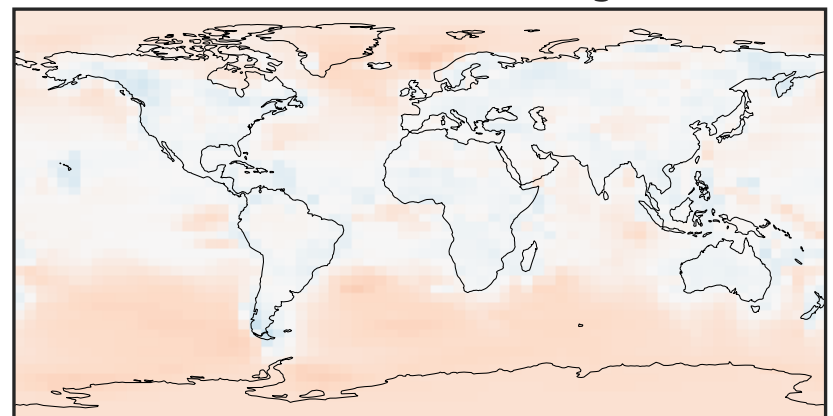
-0.0015 0.0000 0.0015
ppb

Ratio
Dev/Ref, Dynamic Range



0.8403 0.9201 1.0000 1.0951 1.1901
unitless

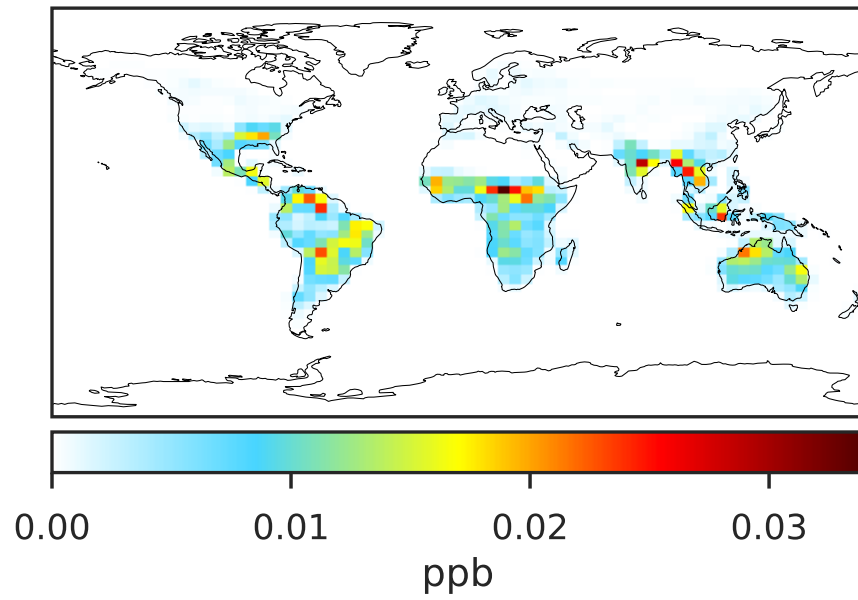
Ratio
Dev/Ref, Fixed Range



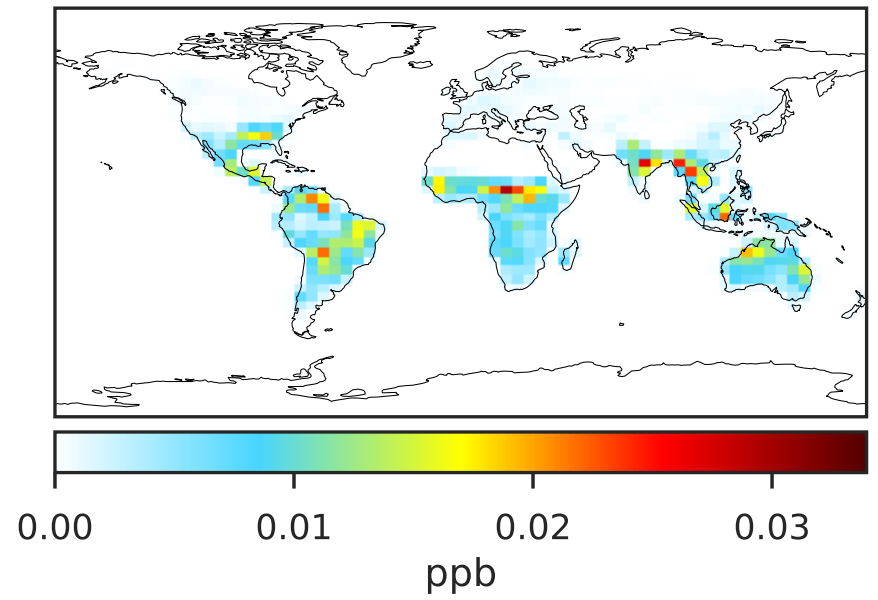
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_ISOPN (Apr2019)

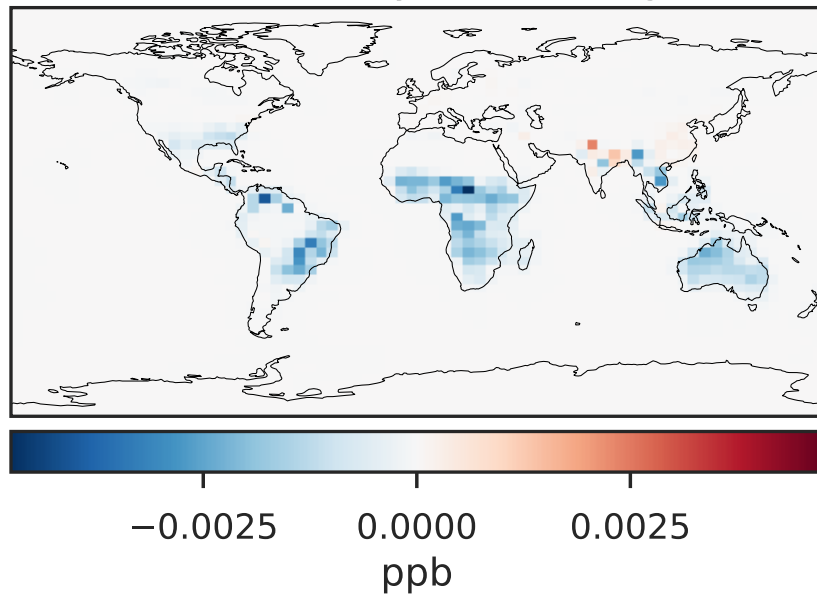
14.2.0-rc.2 (Ref)
4.0x5.0



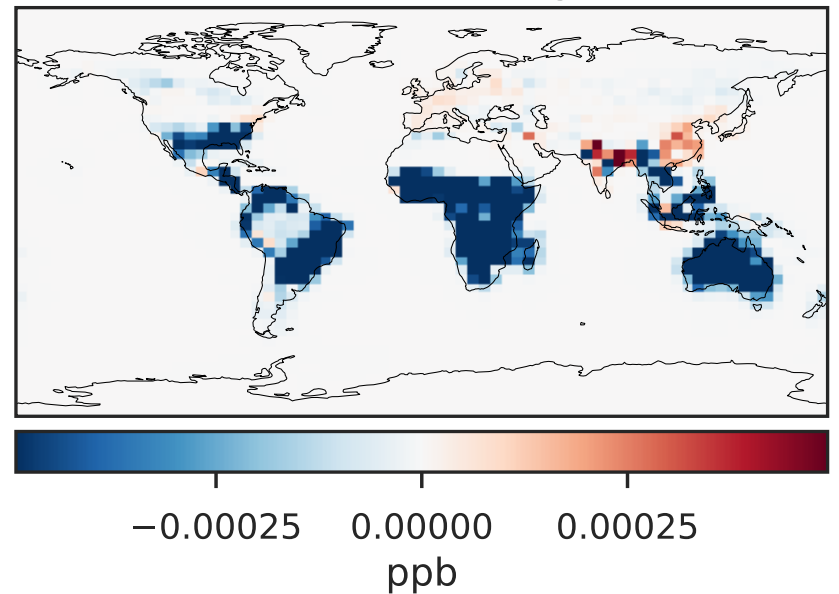
14.3.0-rc.0 (Dev)
4.0x5.0



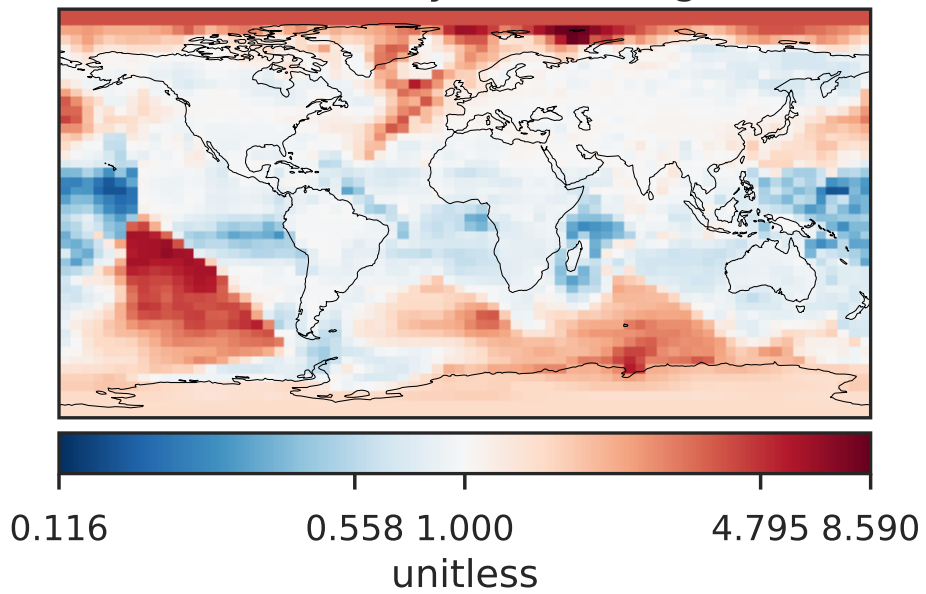
Difference
Dev - Ref, Dynamic Range



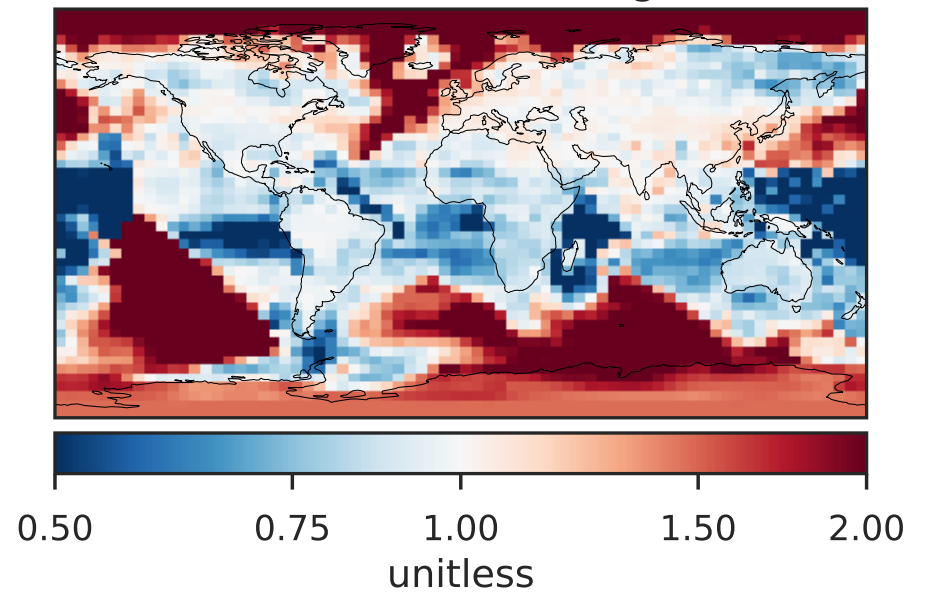
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

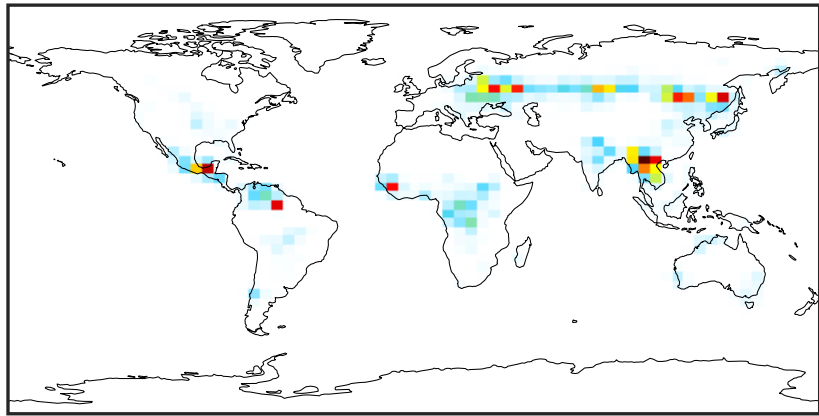


Ratio
Dev/Ref, Fixed Range



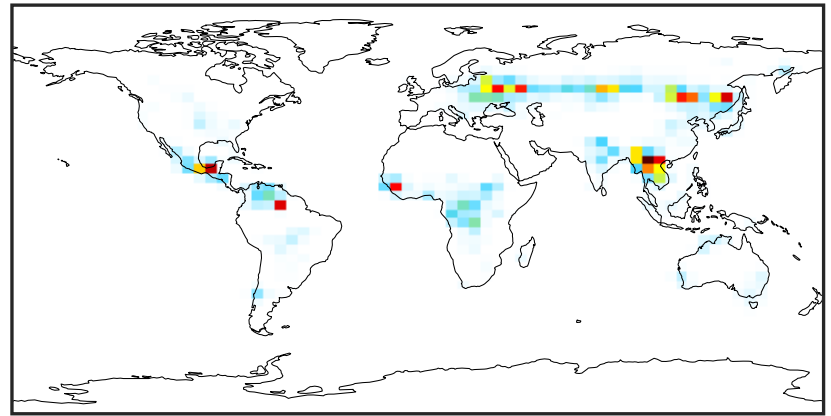
SpeciesConcVV_FURA (Apr2019)

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



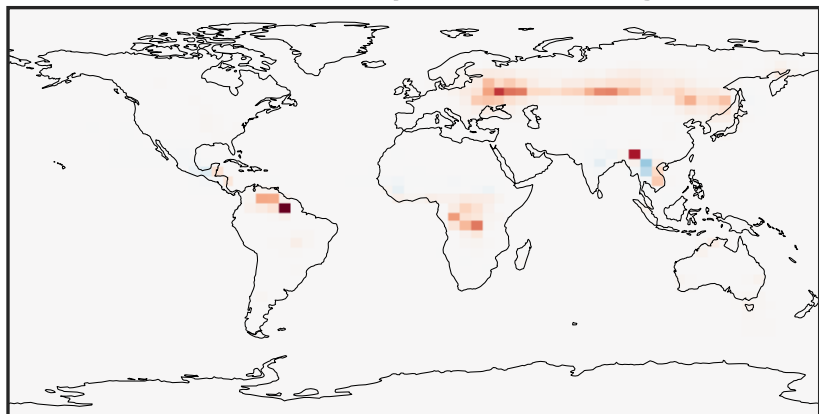
0.0000 0.0503 0.1005 0.1508 0.2010
ppb

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



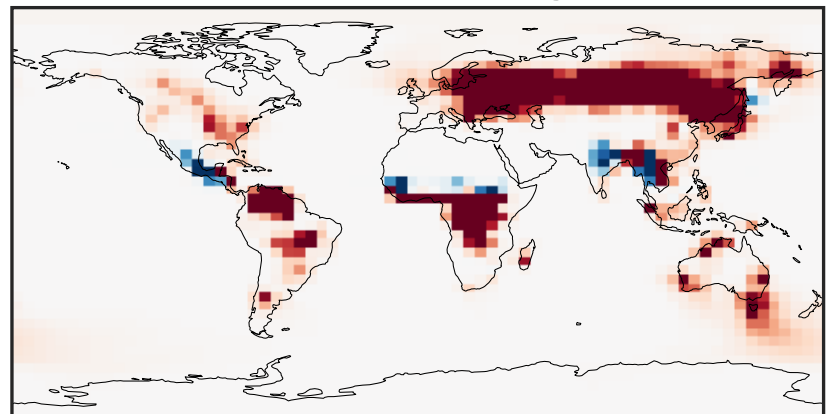
0.0000 0.0503 0.1005 0.1508 0.2010
ppb

Difference
Dev - Ref, Dynamic Range



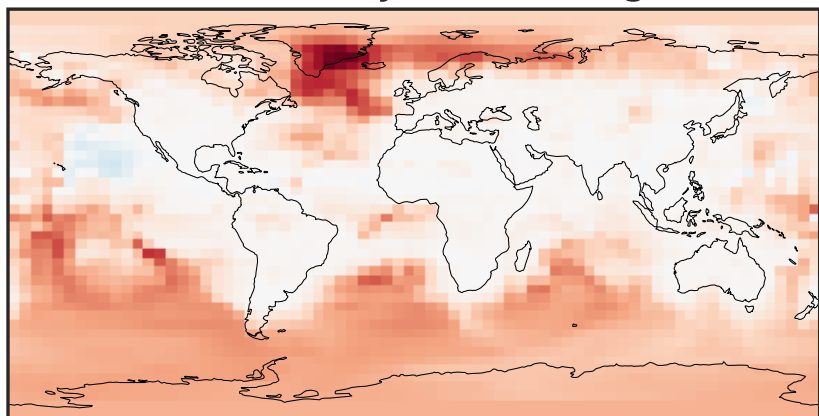
-0.0008 0.0000 0.0008
ppb

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



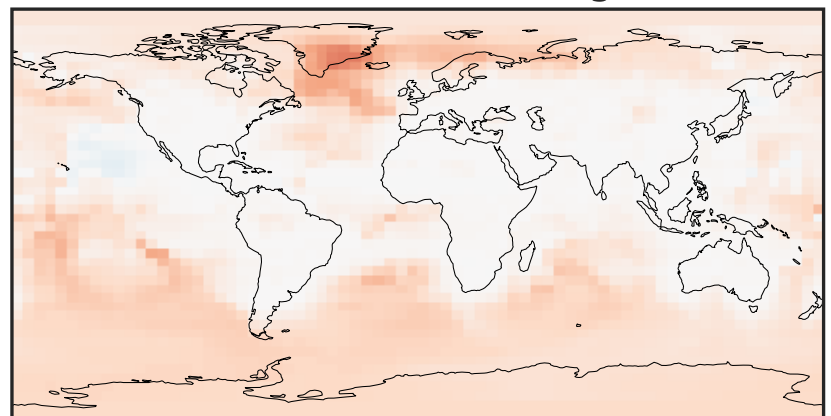
-2 0 2
ppb $1e-5$

Ratio
Dev/Ref, Dynamic Range



0.6971 0.8486 1.0000 1.2172 1.4344
unitless

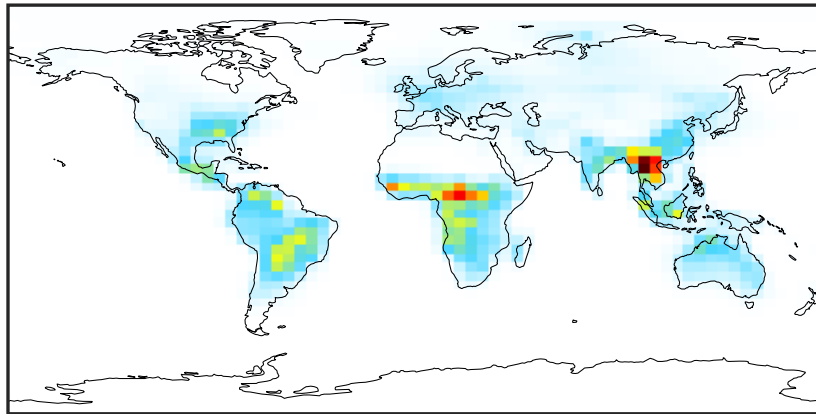
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

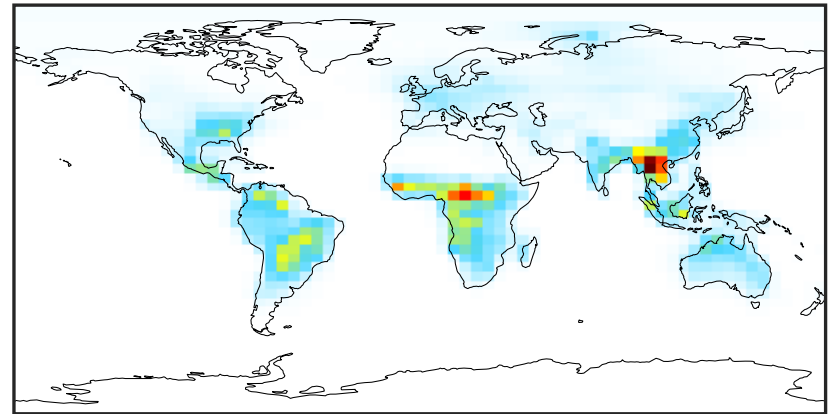
SpeciesConcVV_GLYC (Apr2019)

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



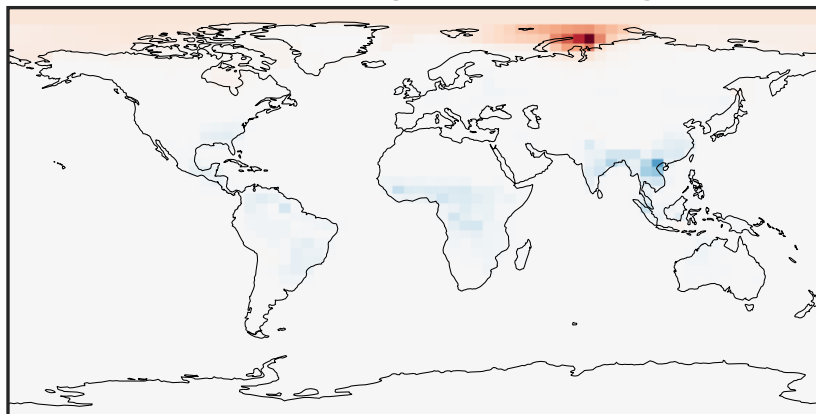
0.0000 0.2478 0.4955 0.7433 0.9911
ppb

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



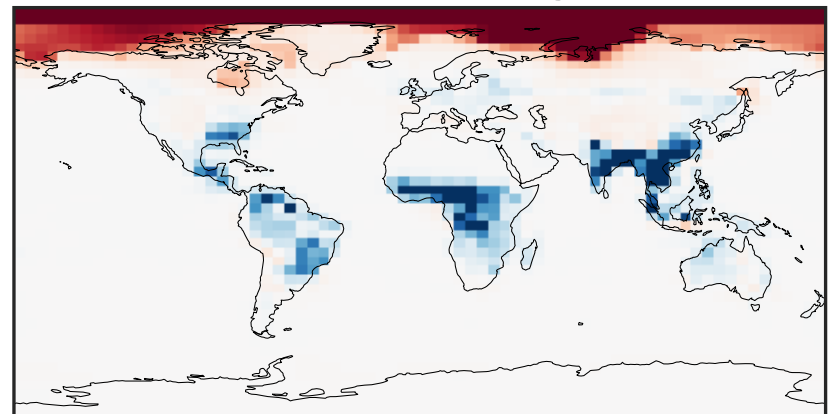
0.0000 0.2478 0.4955 0.7433 0.9911
ppb

Difference
Dev - Ref, Dynamic Range



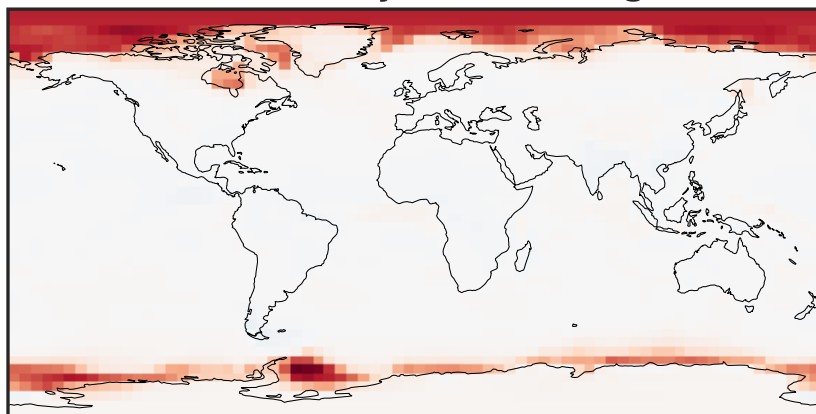
-0.0658 -0.0329 0.0000 0.0329 0.0658
ppb

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



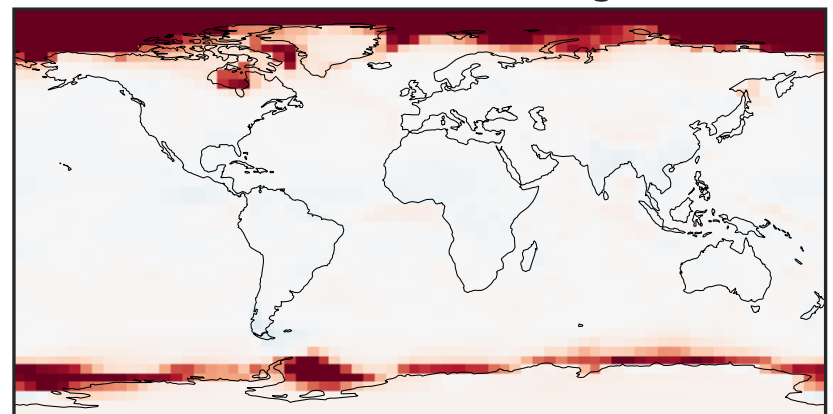
-0.004 0.000 0.004
ppb

Ratio
Dev/Ref, Dynamic Range



0.301 0.651 1.000 2.161 3.321
unitless

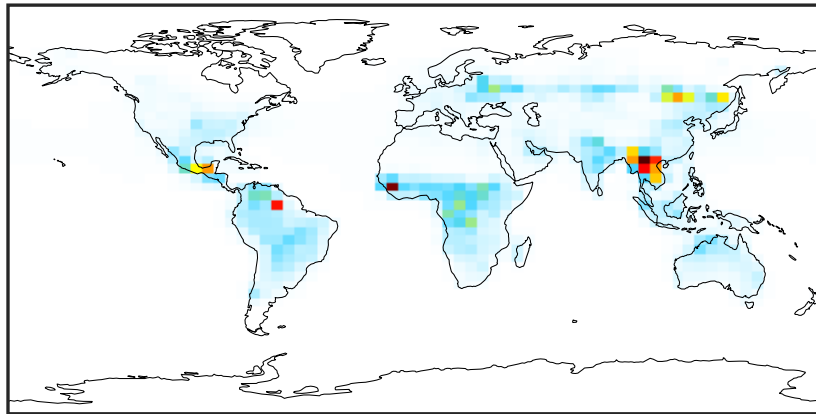
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

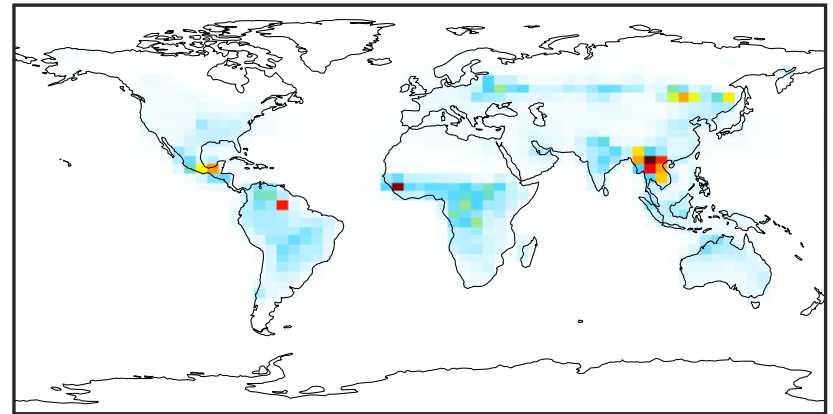
SpeciesConcVV_GLYX (Apr2019)

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



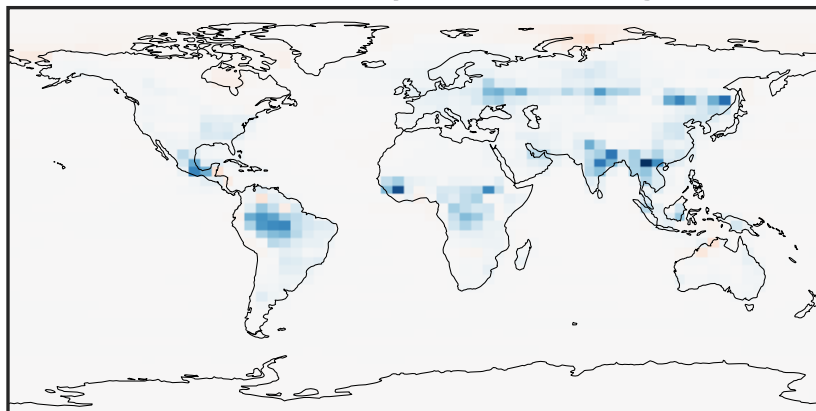
0.0000 0.0377 0.0754 0.1131 0.1508
ppb

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



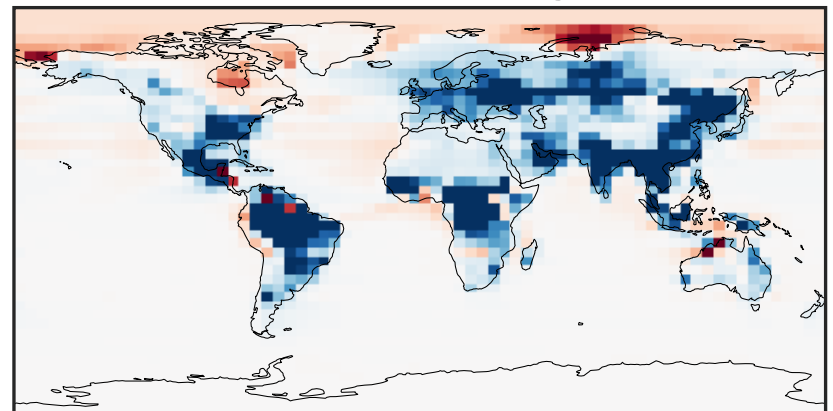
0.0000 0.0377 0.0754 0.1131 0.1508
ppb

Difference
Dev - Ref, Dynamic Range



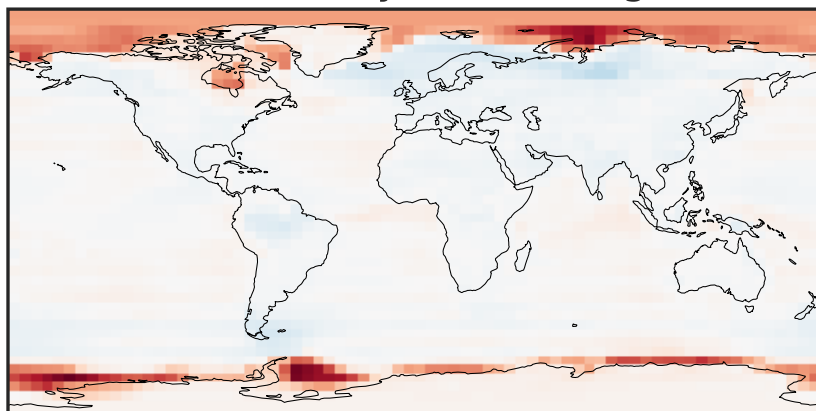
-0.0008 0.0000 0.0008
ppb

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



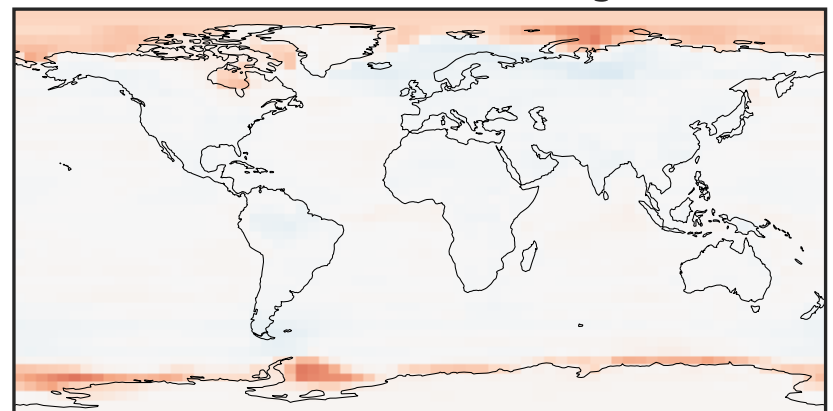
-8 0 8
ppb $1e-5$

Ratio
Dev/Ref, Dynamic Range



0.6901 0.8450 1.0000 1.2245 1.4491
unitless

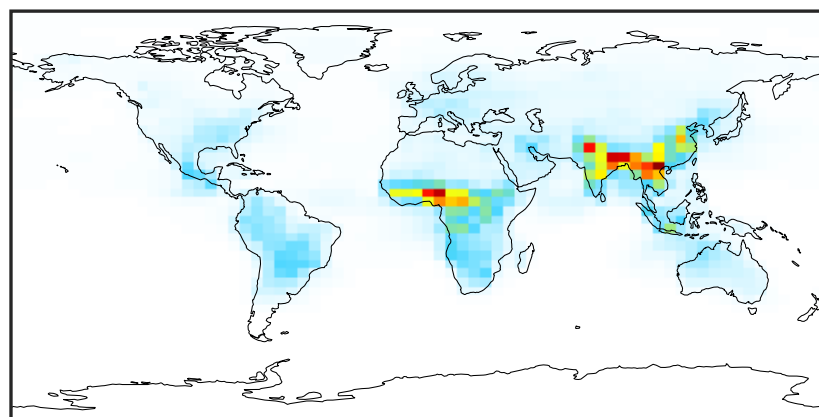
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

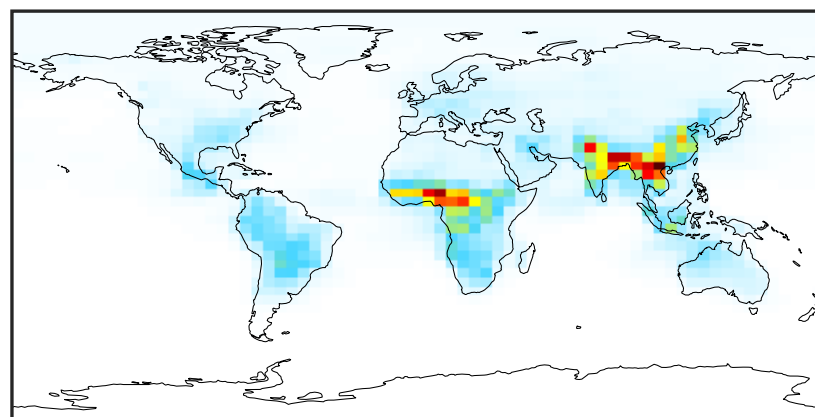
SpeciesConcVV_HCOOH (Apr2019)

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



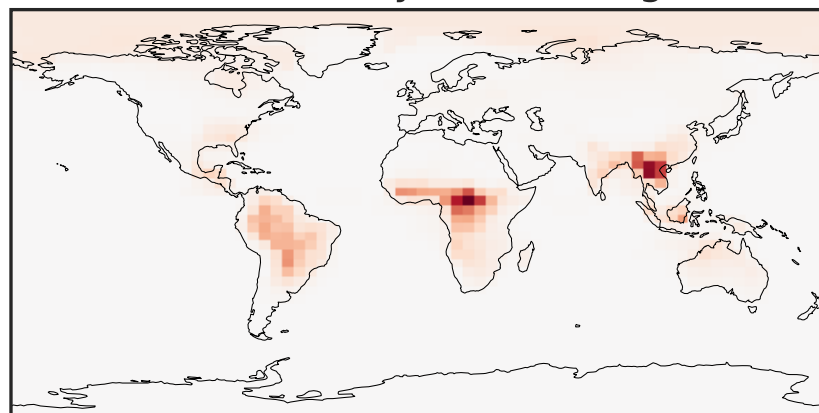
0.000 0.622 1.244 1.866 2.488
ppb

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



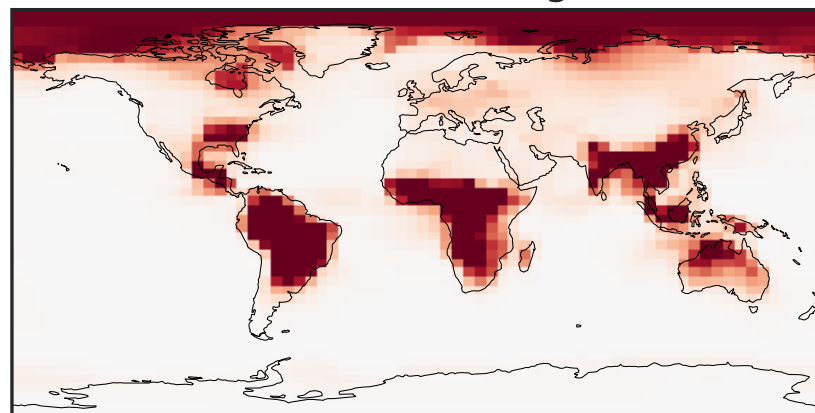
0.000 0.622 1.244 1.866 2.488
ppb

Difference
Dev - Ref, Dynamic Range



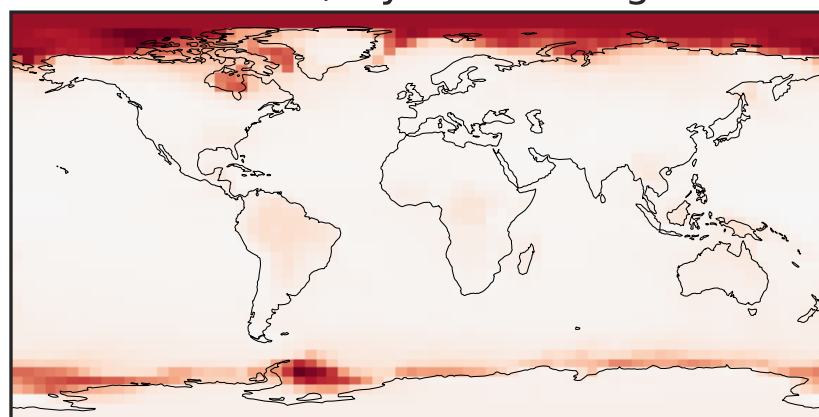
-0.3186 -0.1593 0.0000 0.1593 0.3186
ppb

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



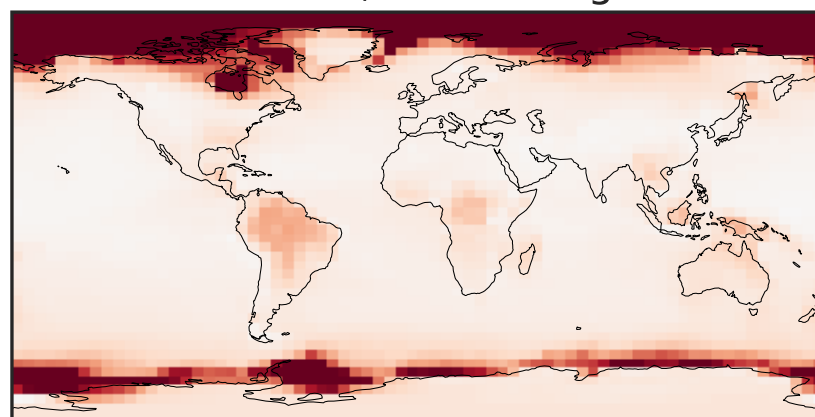
-0.02 0.00 0.02
ppb

Ratio
Dev/Ref, Dynamic Range



0.197 0.598 1.000 3.039 5.078
unitless

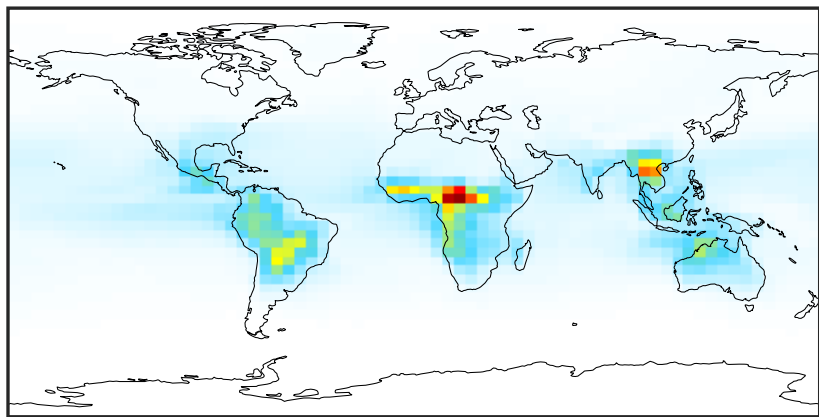
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

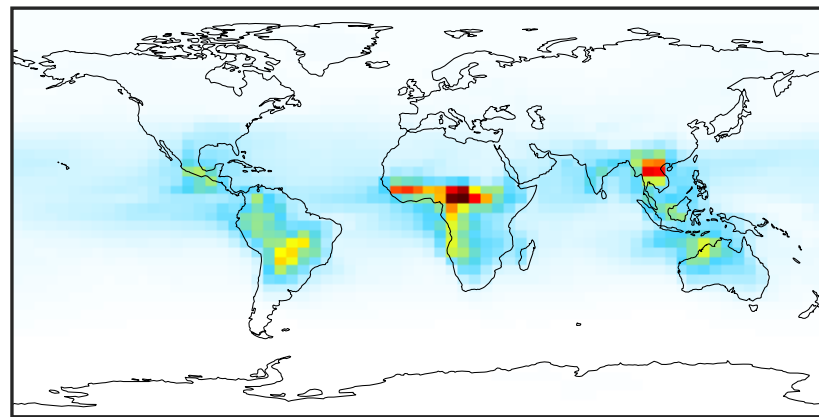
SpeciesConcVV_MAP (Apr2019)

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



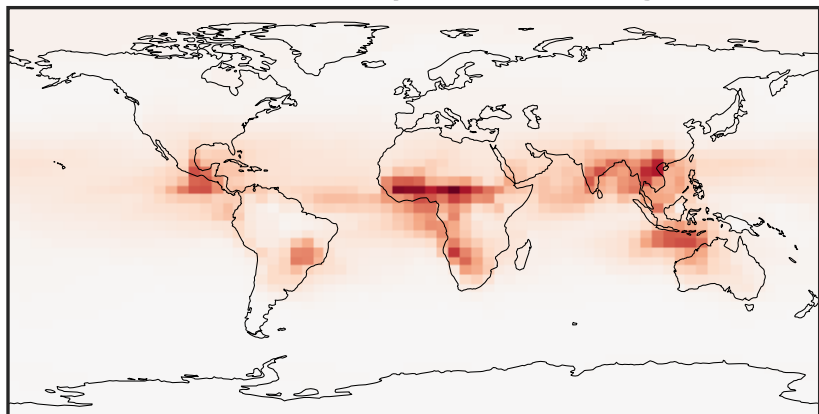
0.001 0.288 0.574 0.861 1.147
ppb

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



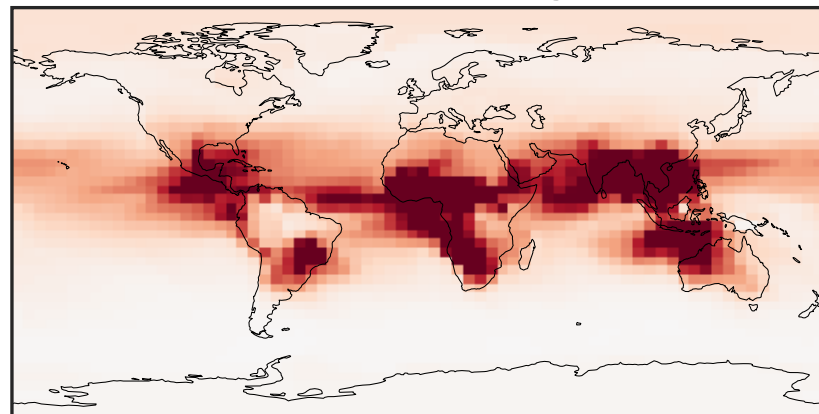
0.001 0.288 0.574 0.861 1.147
ppb

Difference
Dev - Ref, Dynamic Range



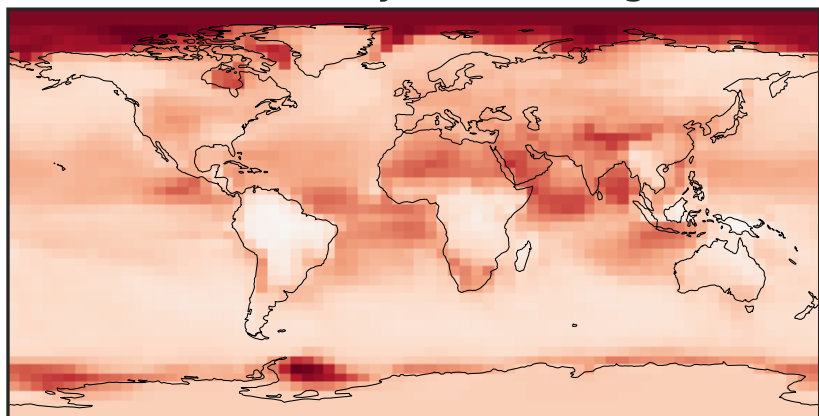
-0.1924 -0.0962 0.0000 0.0962 0.1924
ppb

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



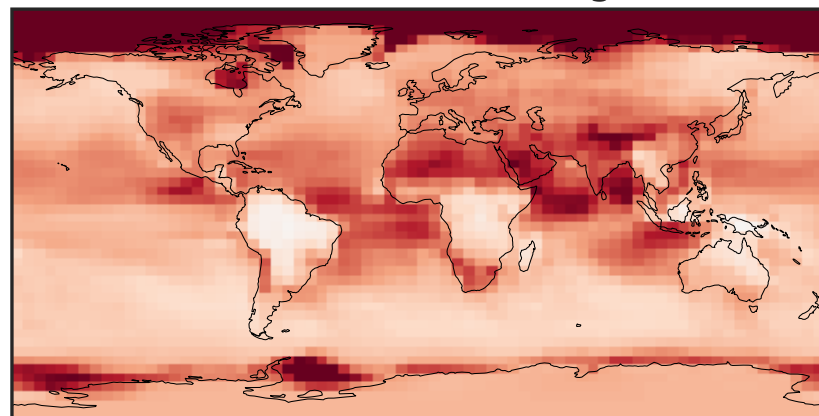
-0.0569 -0.0284 0.0000 0.0284 0.0569
ppb

Ratio
Dev/Ref, Dynamic Range



0.380 0.690 1.000 1.814 2.629
unitless

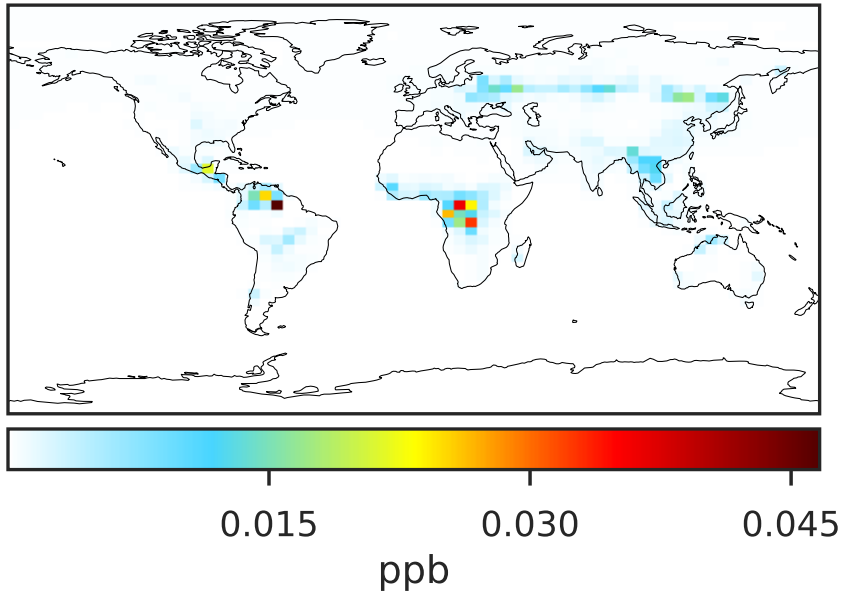
Ratio
Dev/Ref, Fixed Range



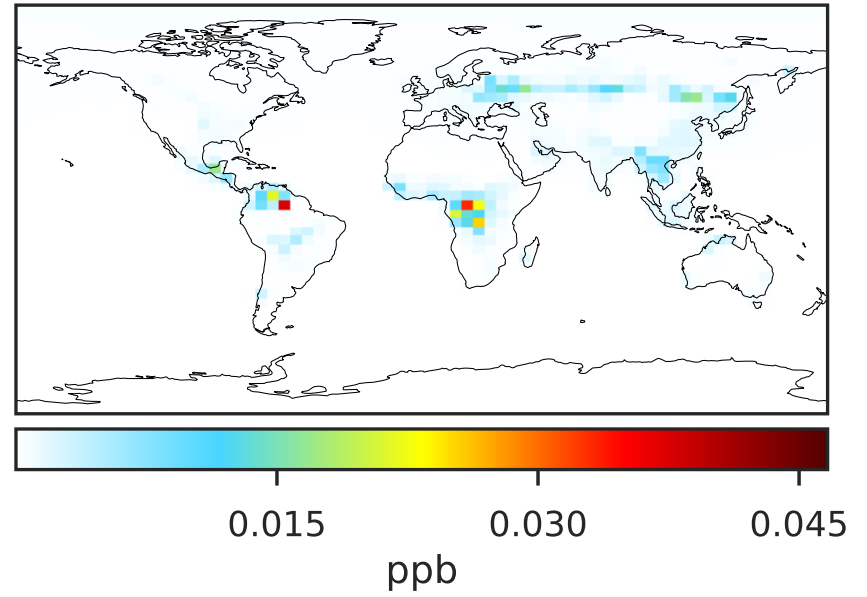
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_PHEN (Apr2019)

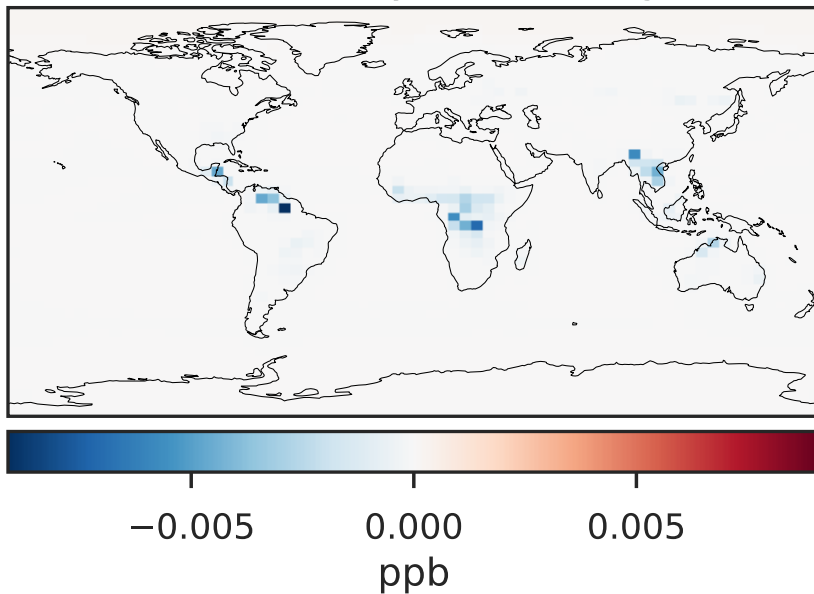
14.2.0-rc.2 (Ref)
4.0x5.0



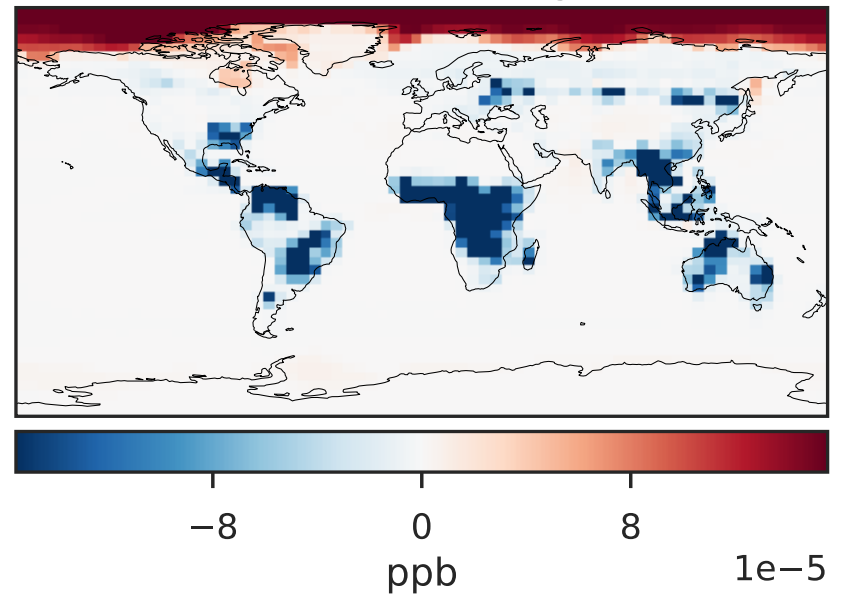
14.3.0-rc.0 (Dev)
4.0x5.0



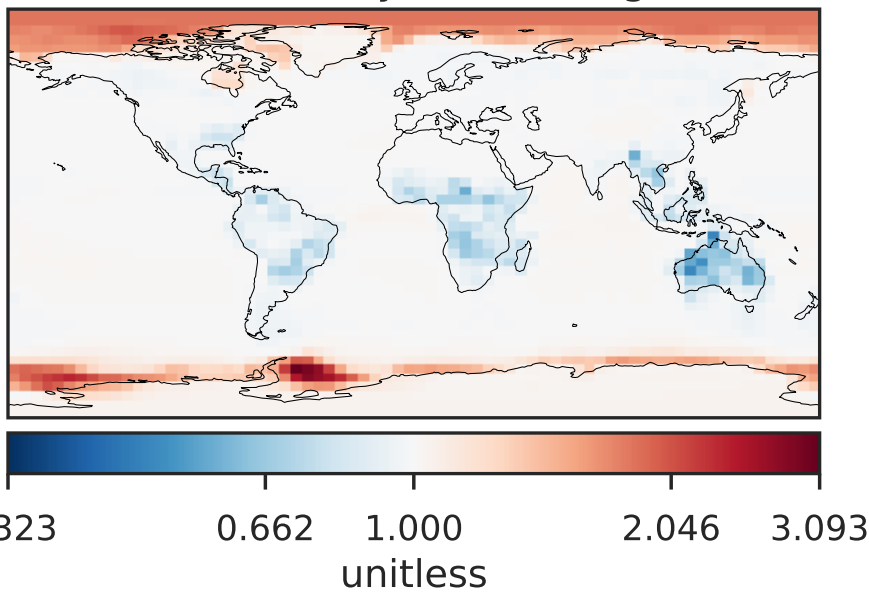
Difference
Dev - Ref, Dynamic Range



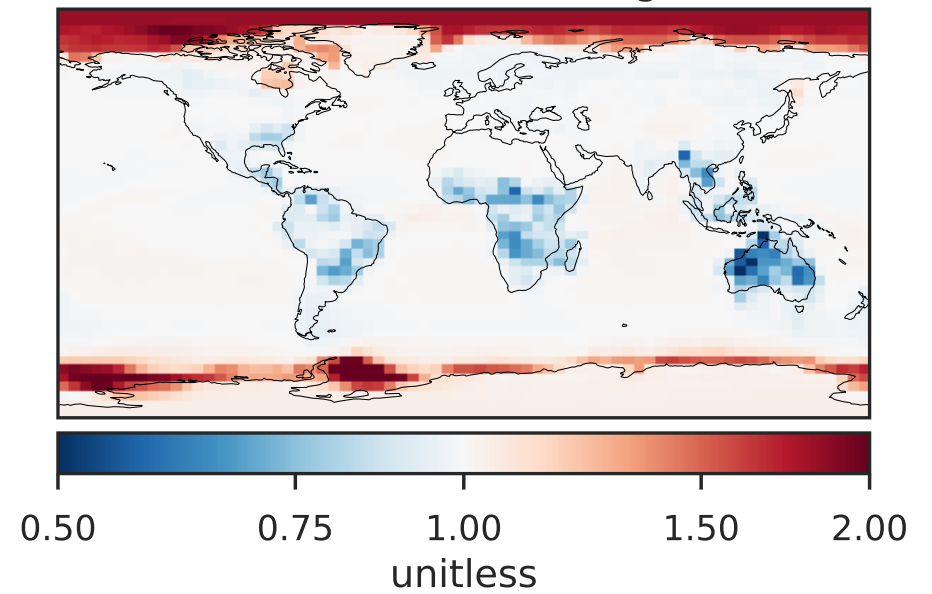
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

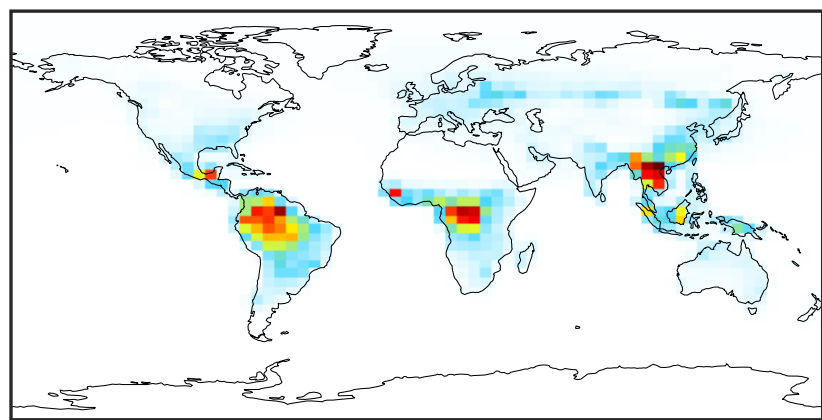


Ratio
Dev/Ref, Fixed Range



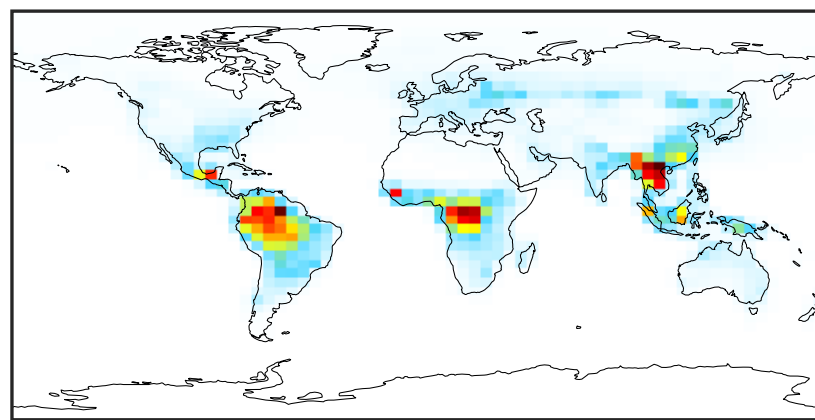
SpeciesConcVV_RCHO (Apr2019)

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



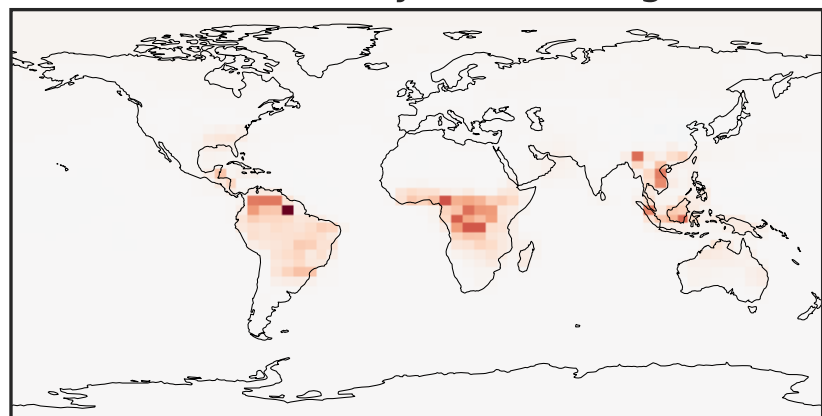
0.0 0.3 0.6 0.9 1.2
ppb

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



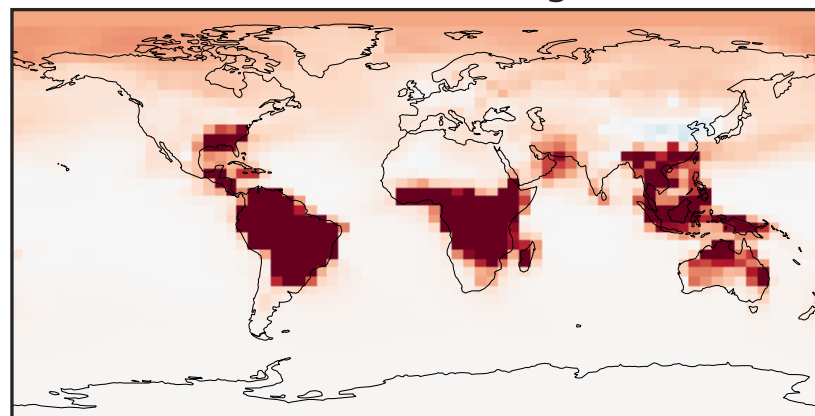
0.0 0.3 0.6 0.9 1.2
ppb

Difference
Dev - Ref, Dynamic Range



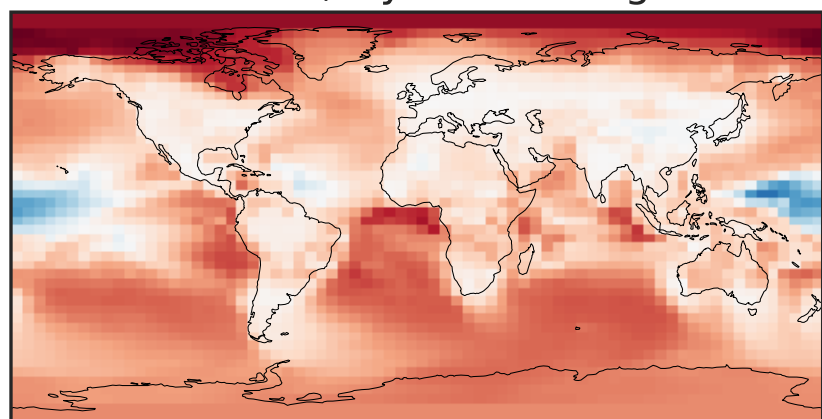
-0.0946 -0.0473 0.0000 0.0473 0.0946
ppb

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



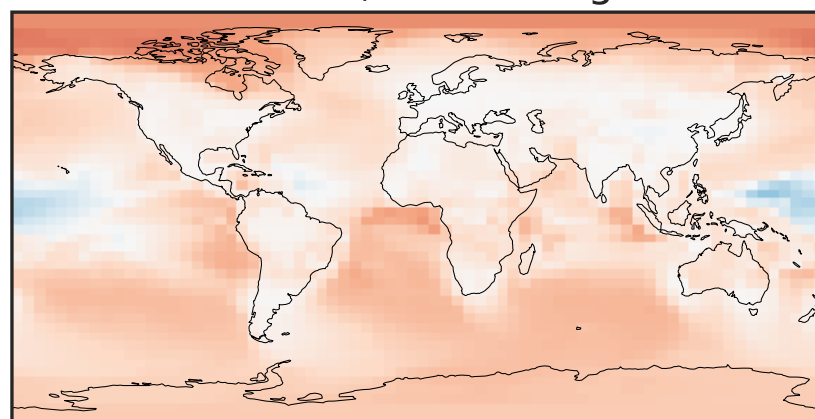
-0.004 0.000 0.004
ppb

Ratio
Dev/Ref, Dynamic Range



0.6938 0.8469 1.0000 1.2207 1.4414
unitless

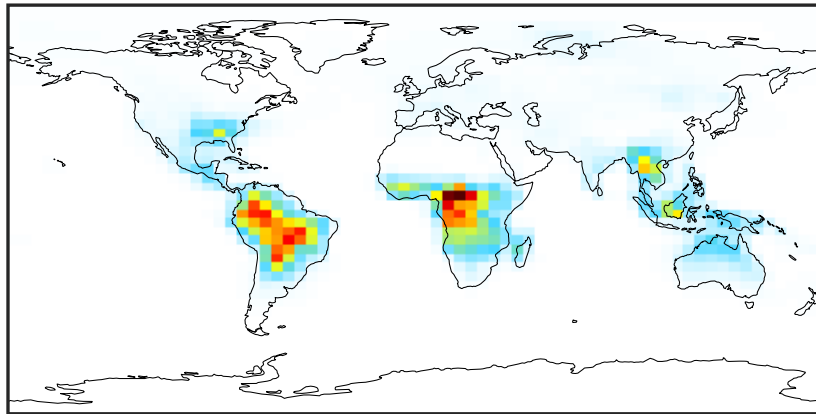
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

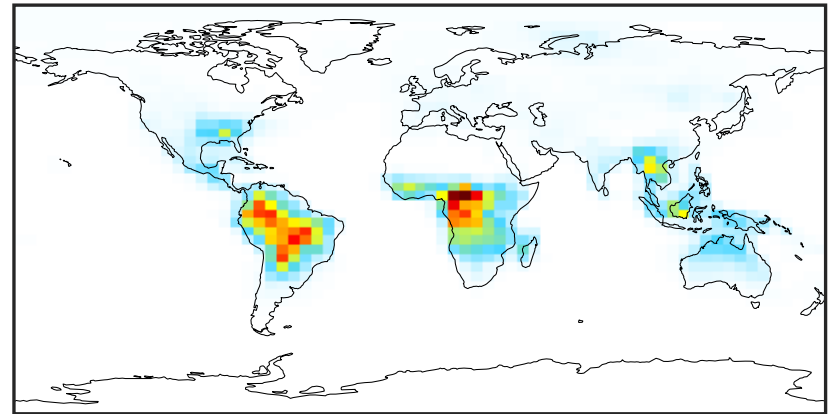
SpeciesConcVV_ETHP (Apr2019)

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



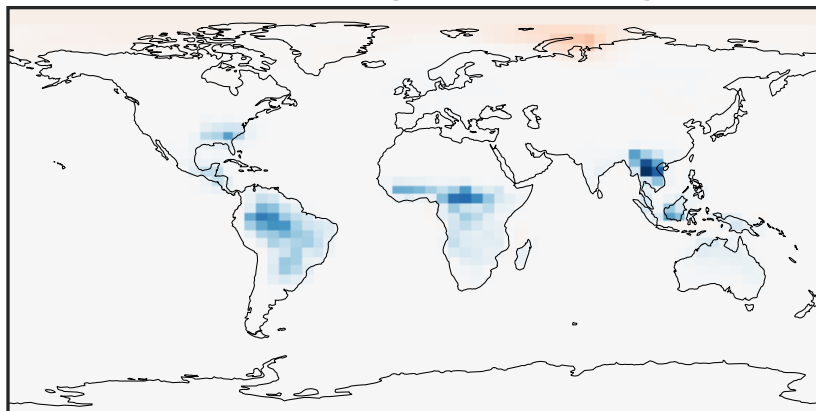
0.0000 0.0518 0.1036 0.1554 0.2072
ppb

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



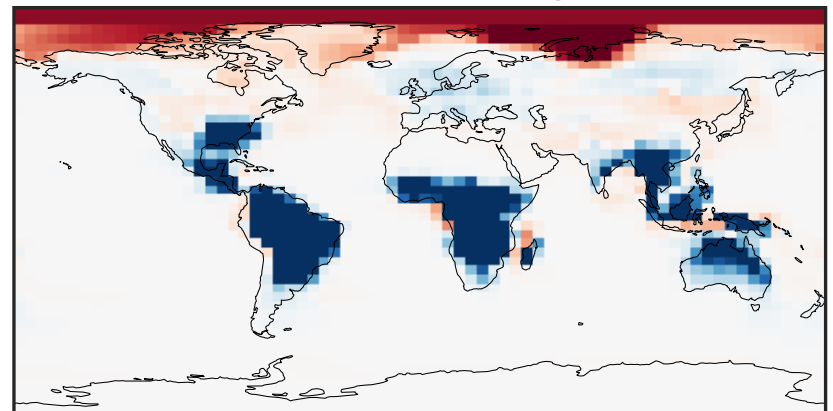
0.0000 0.0518 0.1036 0.1554 0.2072
ppb

Difference
Dev - Ref, Dynamic Range



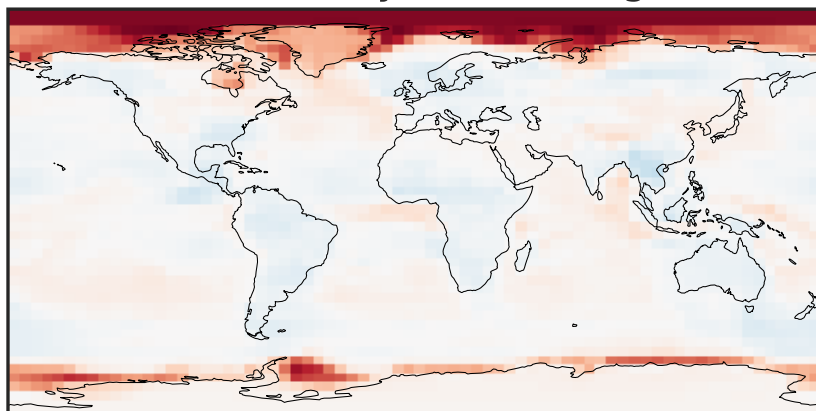
-0.004 0.000 0.004
ppb

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



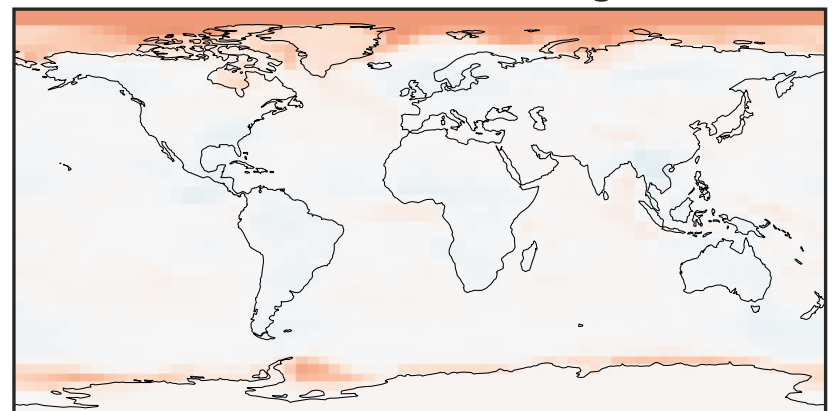
-0.00025 0.00000 0.00025
ppb

Ratio
Dev/Ref, Dynamic Range



0.7282 0.8641 1.0000 1.1866 1.3732
unitless

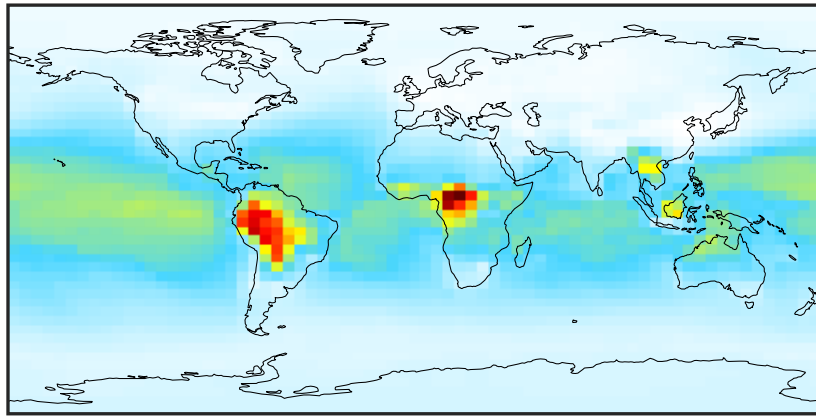
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

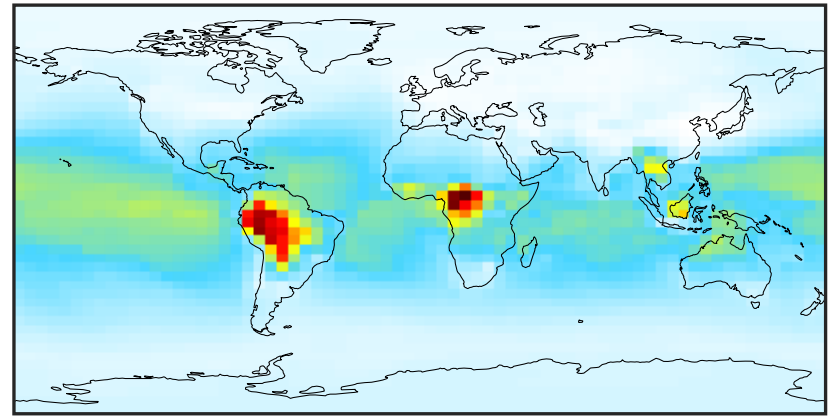
SpeciesConcVV_MP (Apr2019)

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



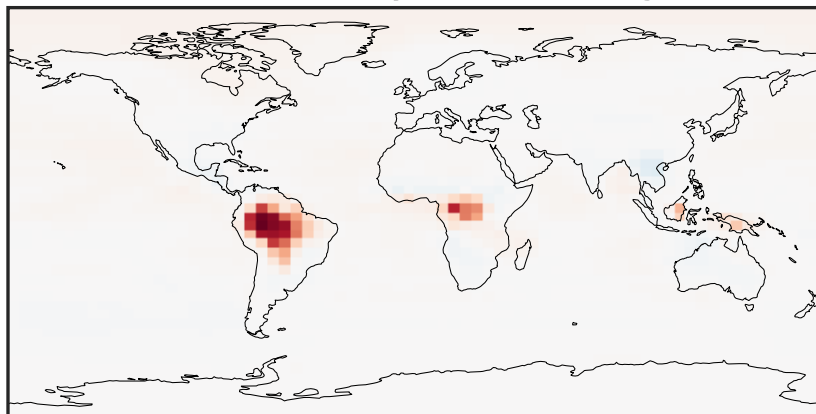
0.030 0.645 1.261 1.877 2.493
ppb

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



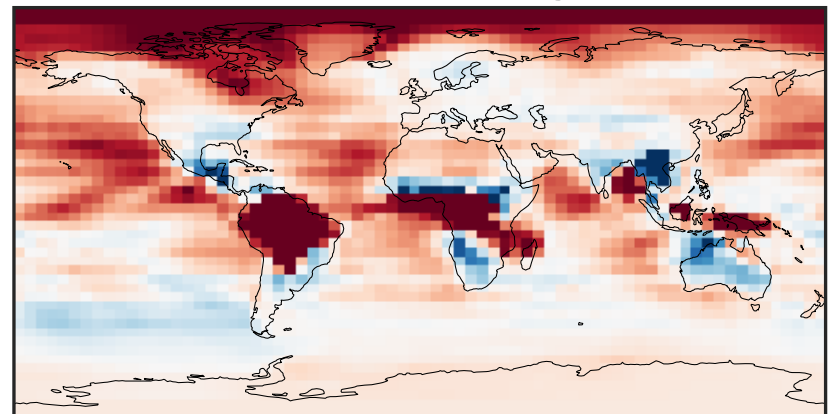
0.030 0.645 1.261 1.877 2.493
ppb

Difference
Dev - Ref, Dynamic Range



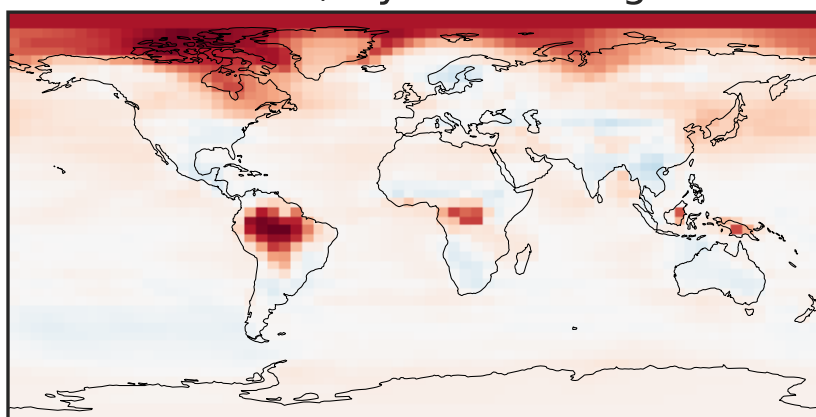
-0.2377 -0.1188 0.0000 0.1188 0.2377
ppb

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



-0.005 0.000 0.005
ppb

Ratio
Dev/Ref, Dynamic Range



0.8882 0.9441 1.0000 1.0630 1.1259
unitless

Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless