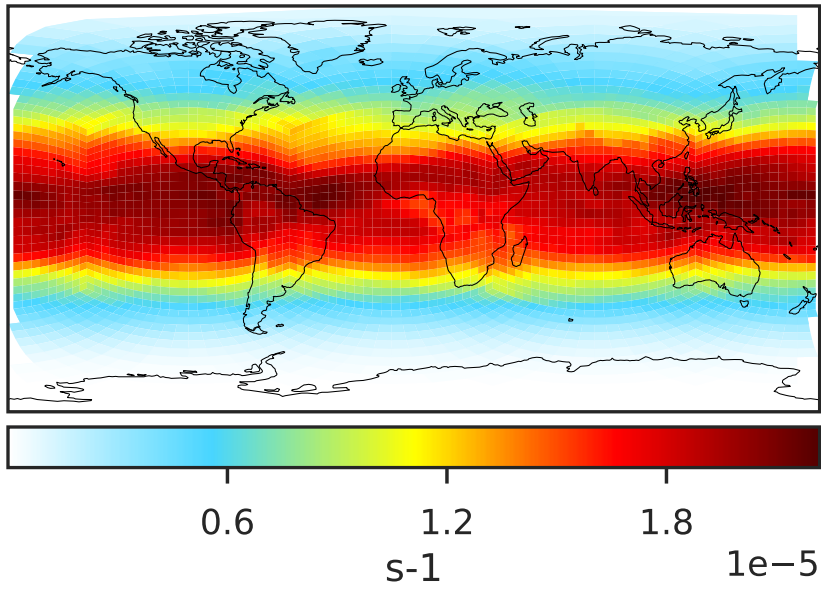
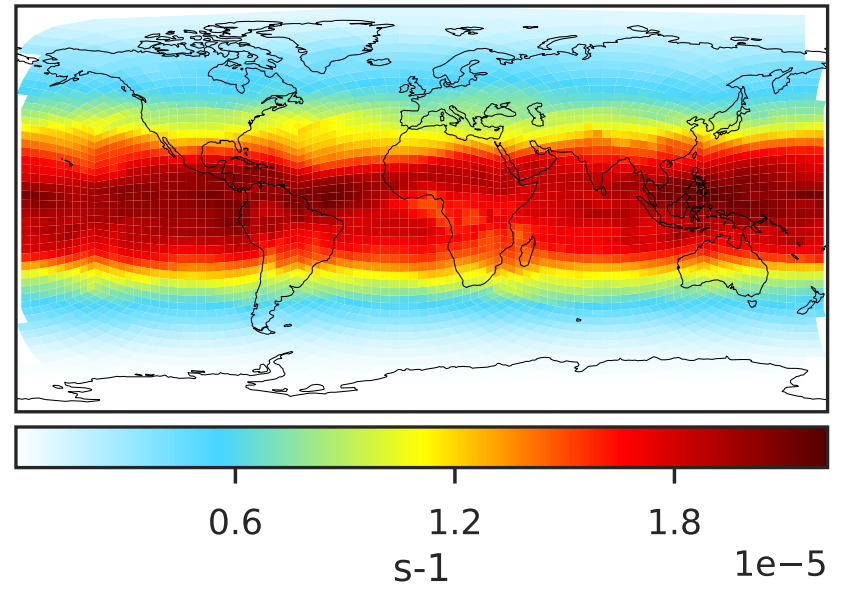


JvalO301D (Apr2019)

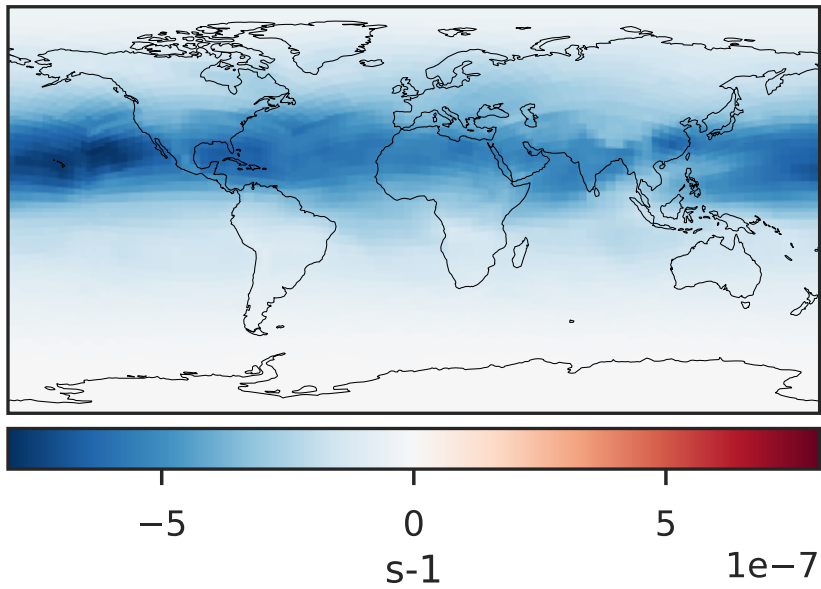
GCHP_14.0.0 (Ref)
c24



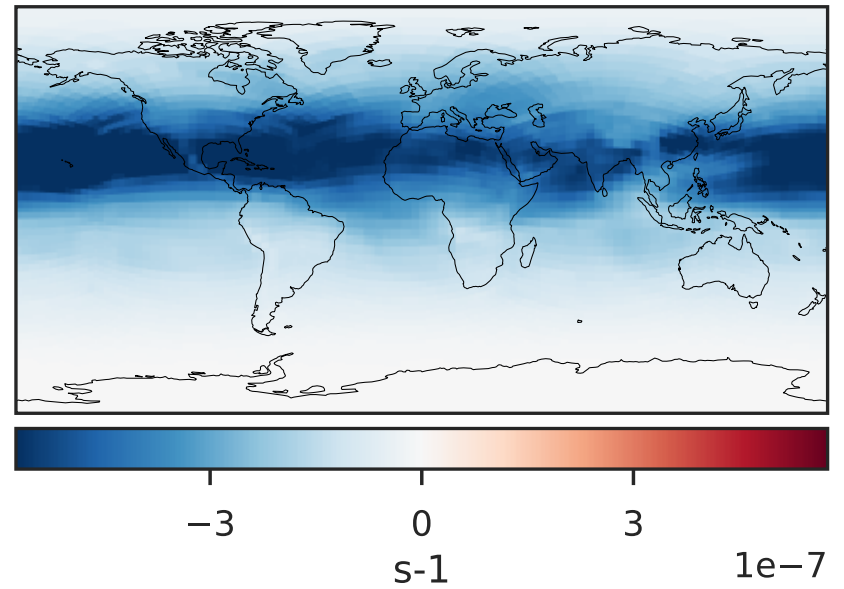
GCHP_14.2.0 (Dev)
c24



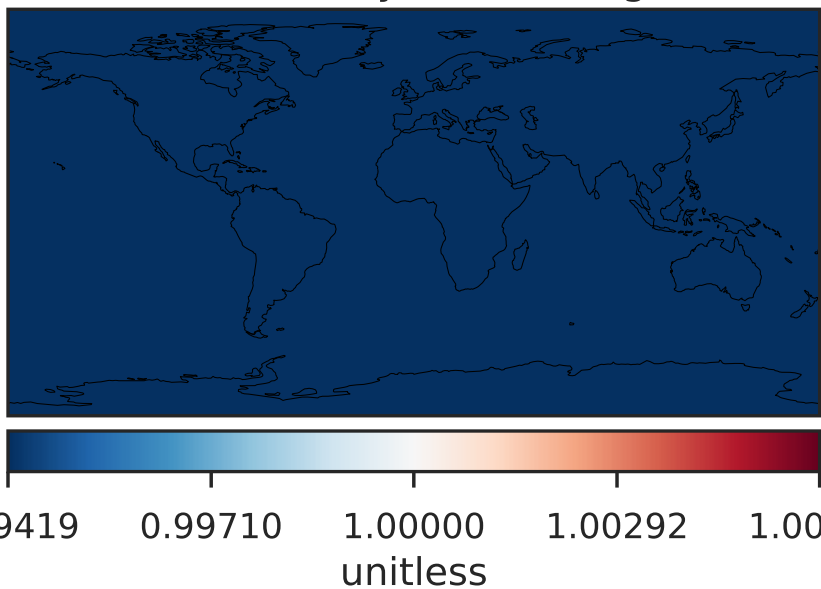
Difference (1x1.25)
Dev - Ref, Dynamic Range



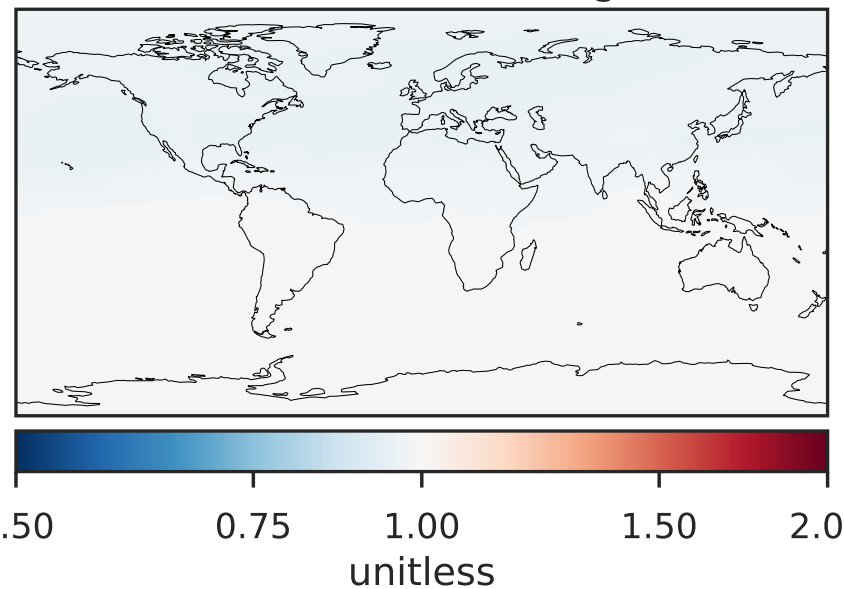
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

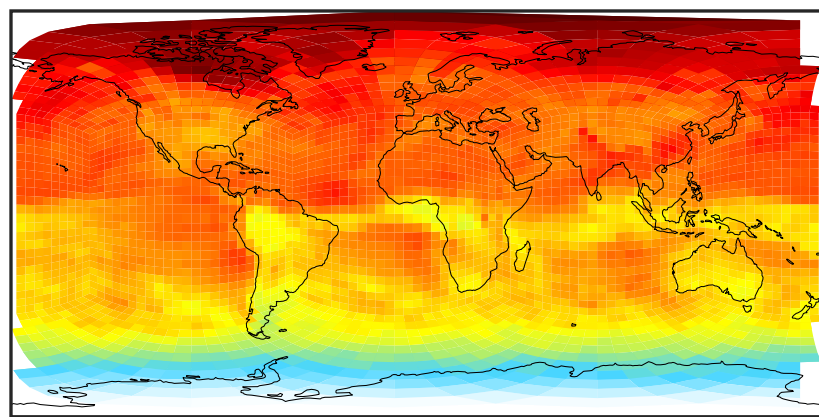


Ratio (1x1.25)
Dev/Ref, Fixed Range



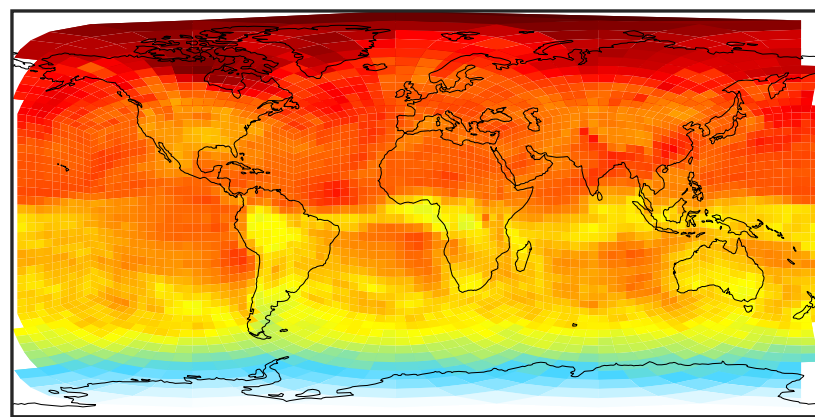
JvalO3O3P (Apr2019)

GCHP_14.0.0 (Ref)
c24



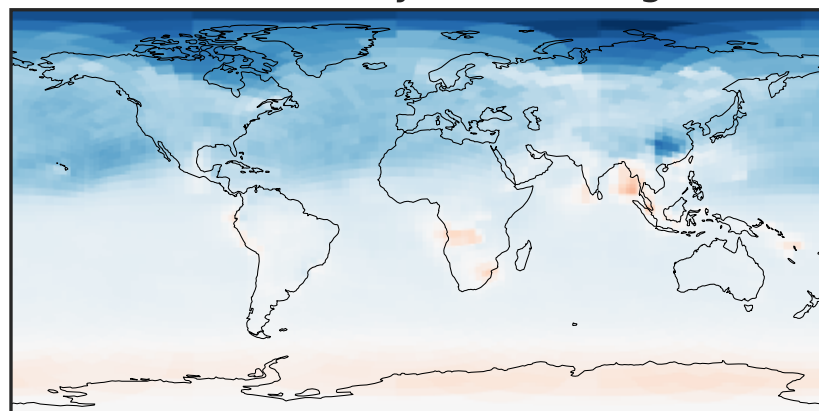
0.0001 0.0002 0.0003
s-1

GCHP_14.2.0 (Dev)
c24



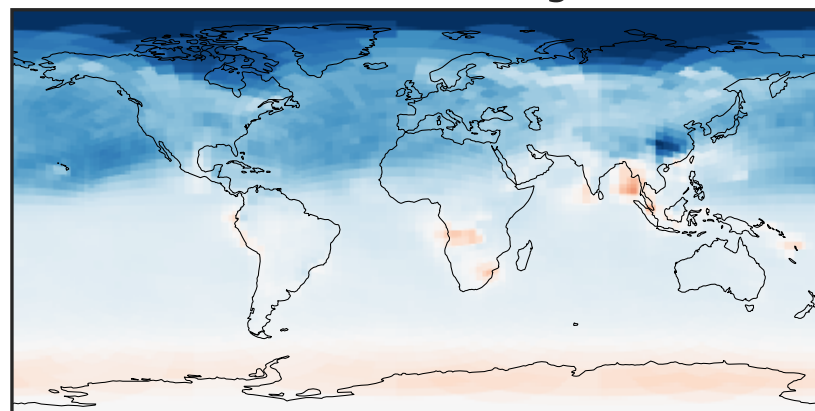
0.0001 0.0002 0.0003
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



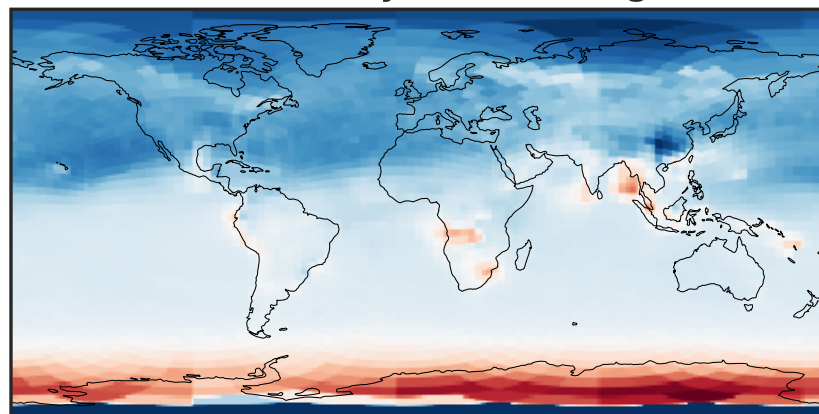
-8 0 8
s-1 $1e-7$

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



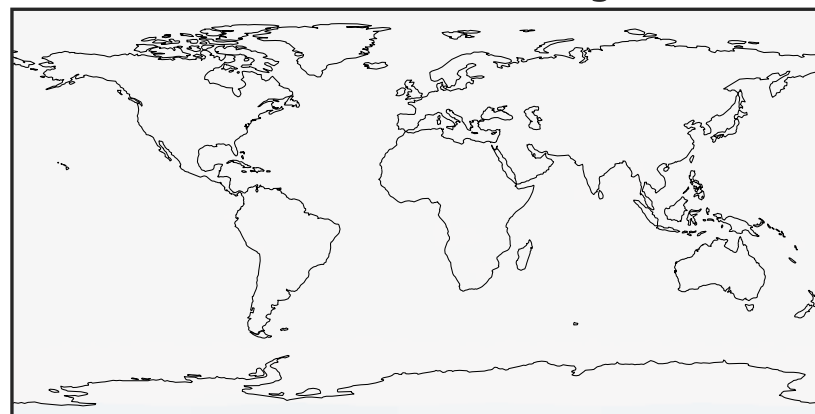
-5 0 5
s-1 $1e-7$

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.996432 0.998216 1.000000 1.001791 1.003581
unitless

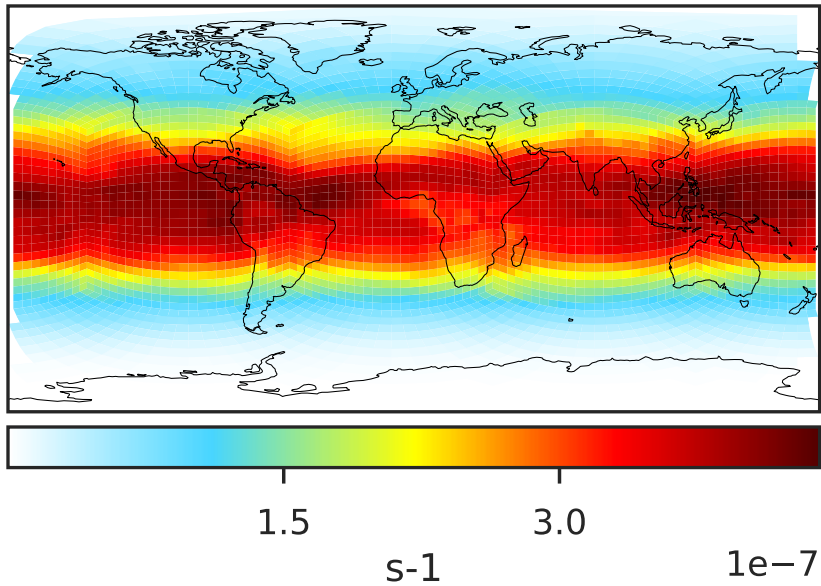
Ratio (1x1.25)
Dev/Ref, Fixed Range



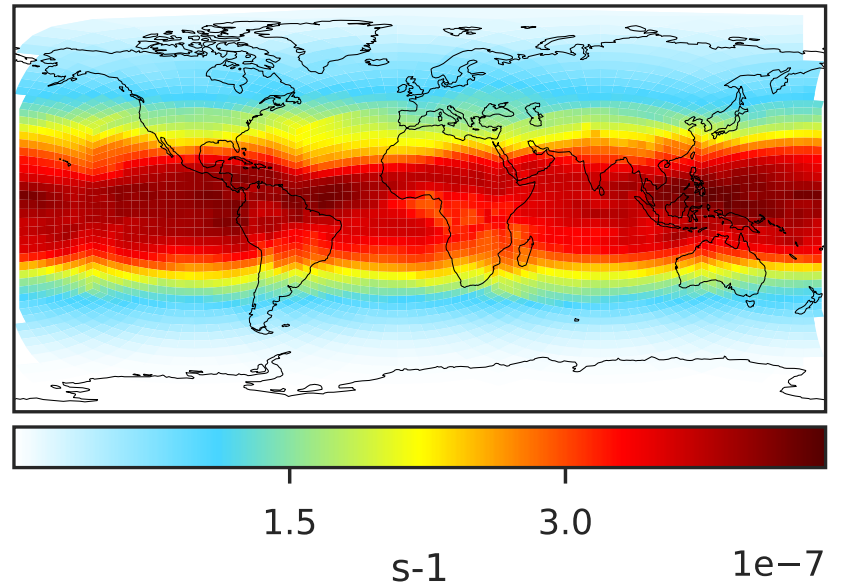
0.50 0.75 1.00 1.50 2.00
unitless

Jval_ACET (Apr2019)

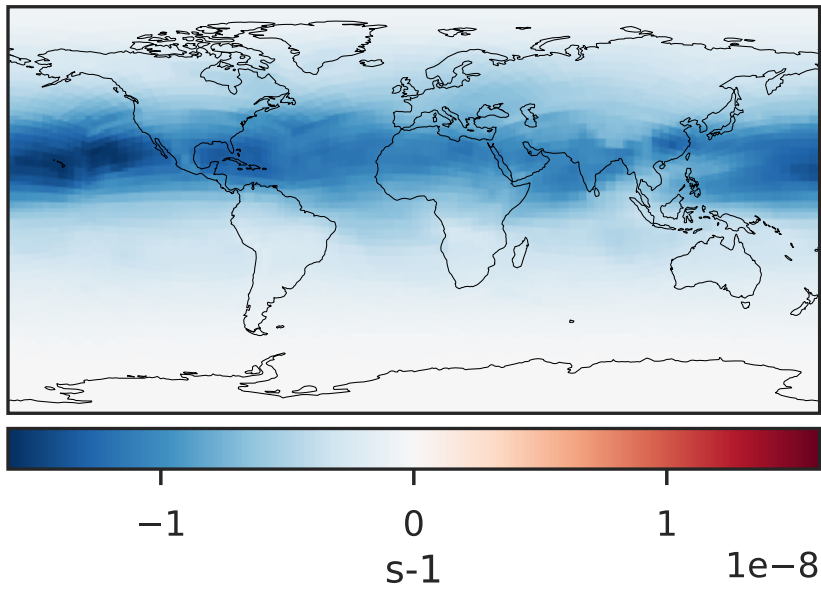
GCHP_14.0.0 (Ref)
c24



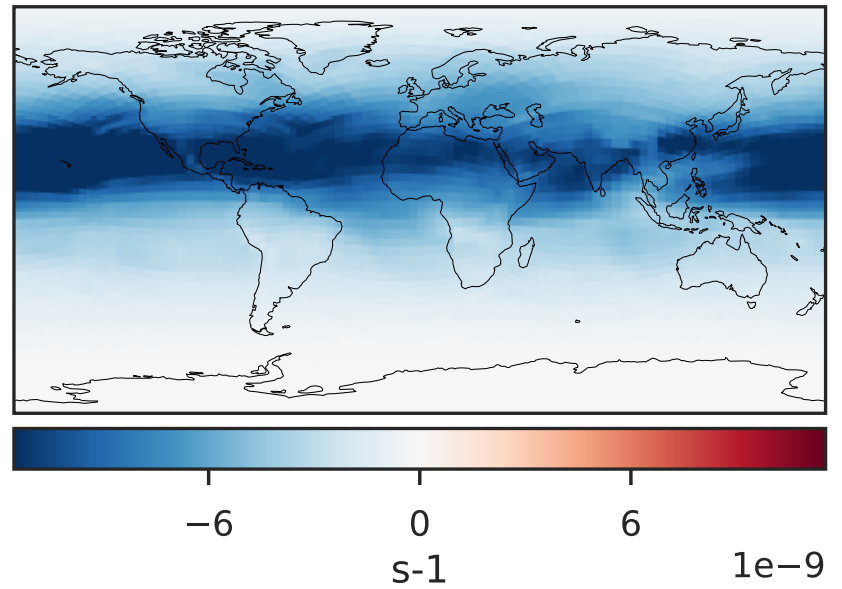
GCHP_14.2.0 (Dev)
c24



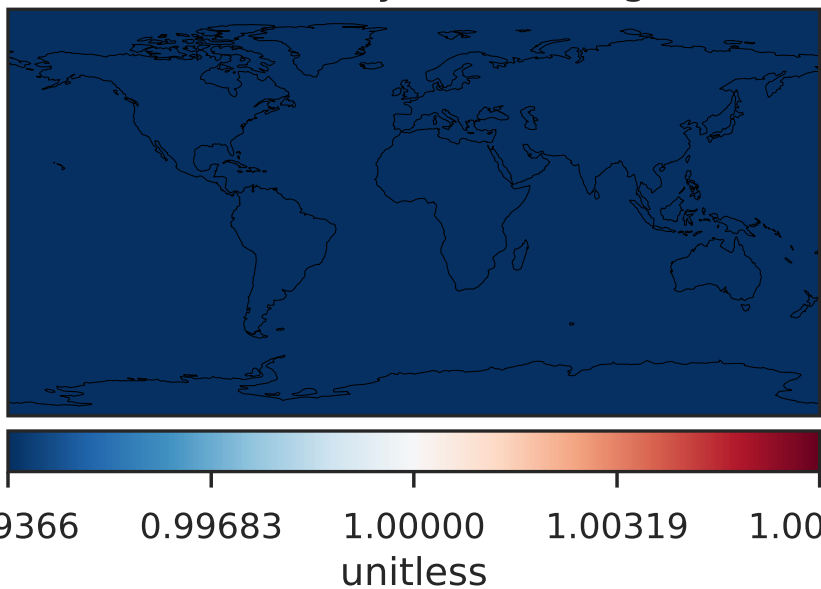
Difference (1x1.25)
Dev - Ref, Dynamic Range



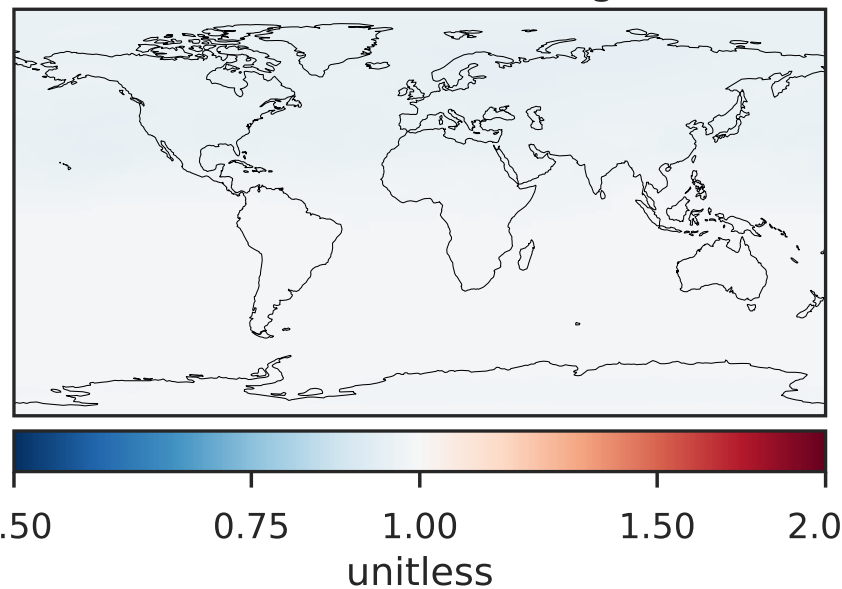
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

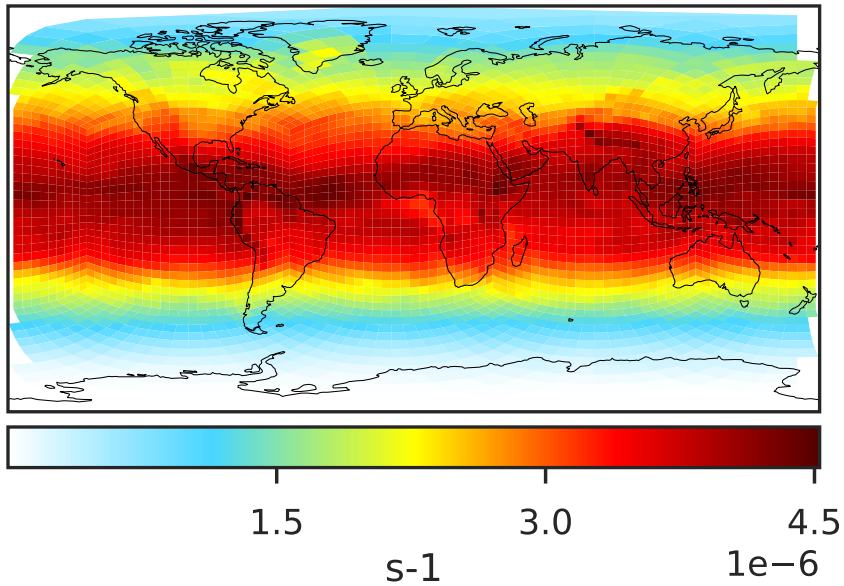


Ratio (1x1.25)
Dev/Ref, Fixed Range

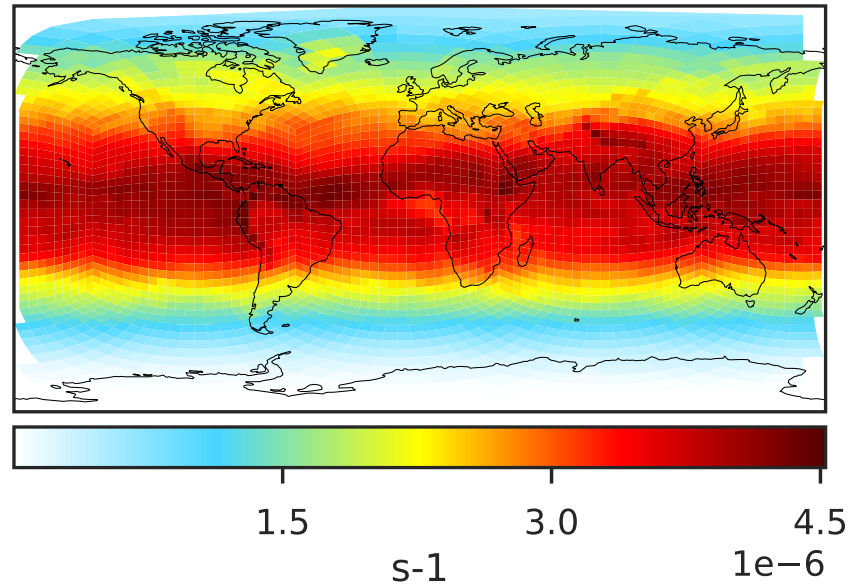


Jval_ALD2 (Apr2019)

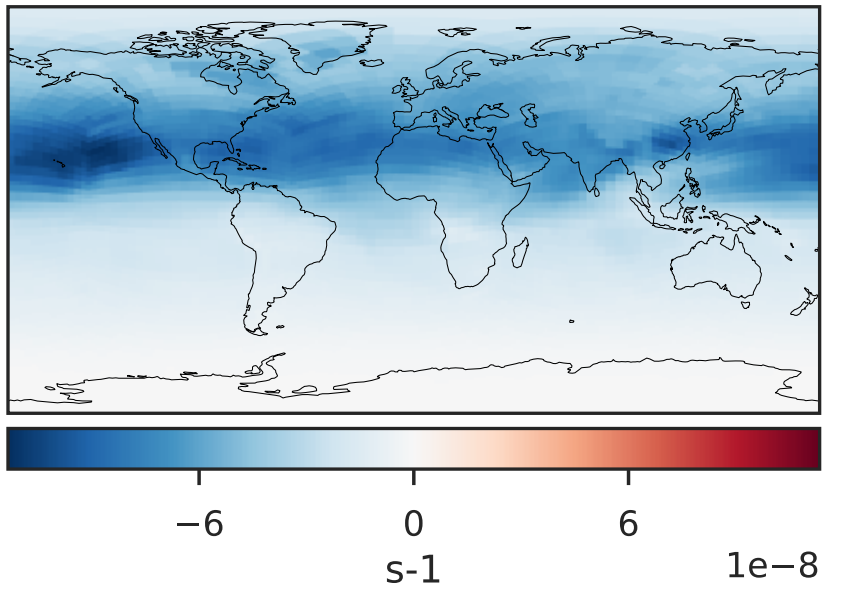
GCHP_14.0.0 (Ref)
c24



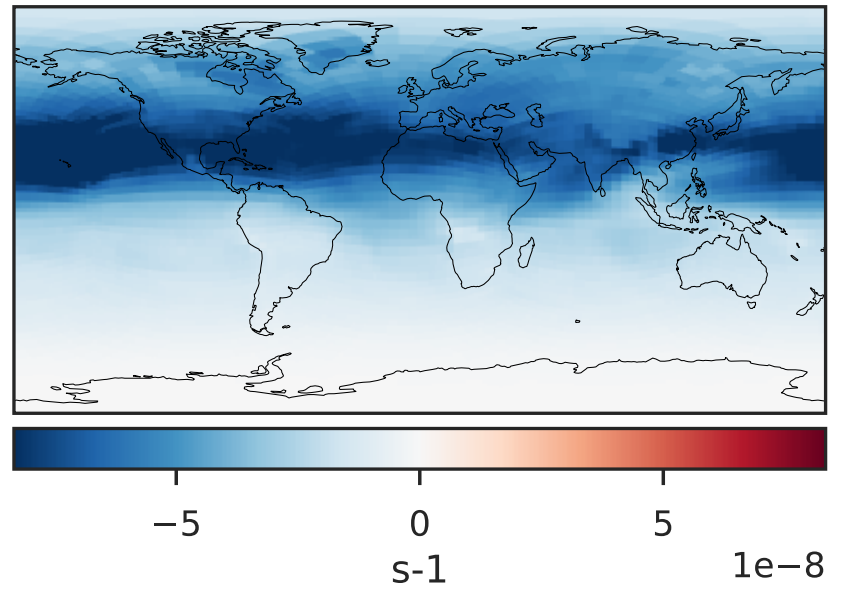
GCHP_14.2.0 (Dev)
c24



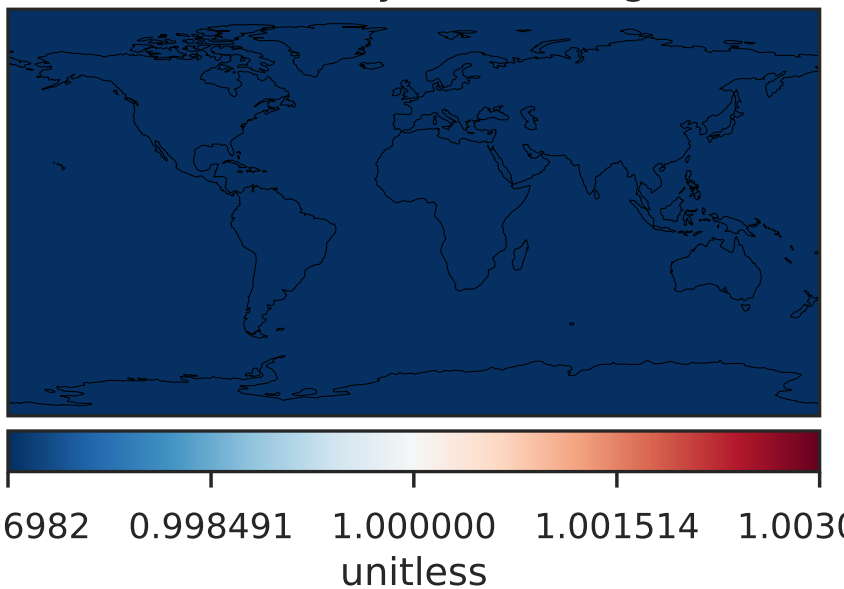
Difference (1x1.25)
Dev - Ref, Dynamic Range



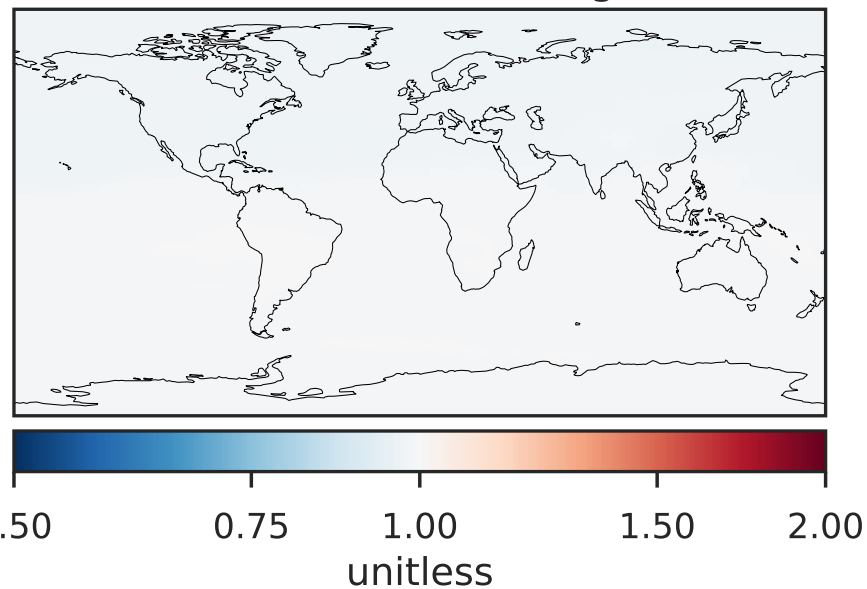
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

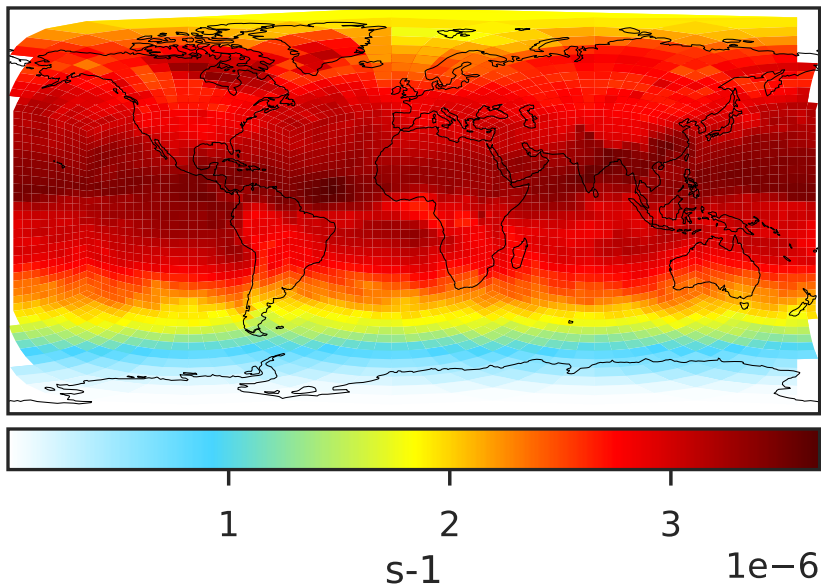


Ratio (1x1.25)
Dev/Ref, Fixed Range

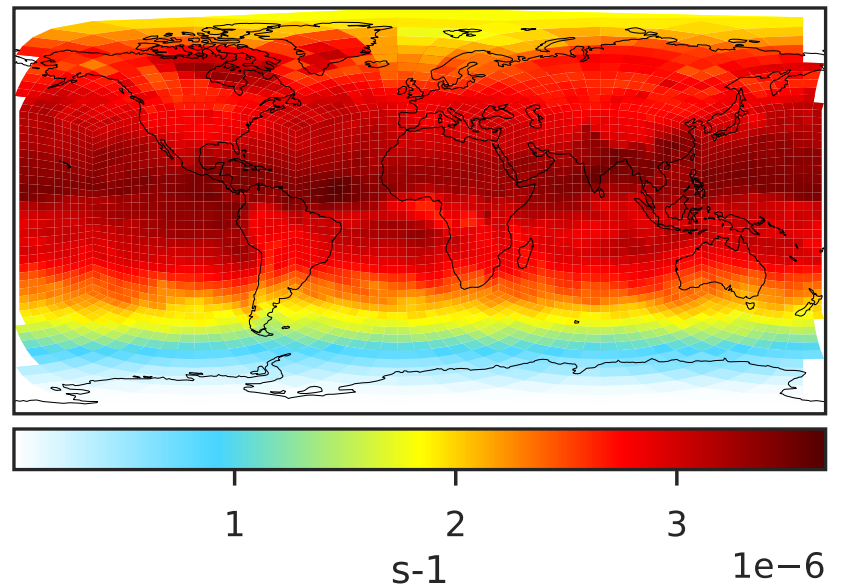


Jval_ATOOH (Apr2019)

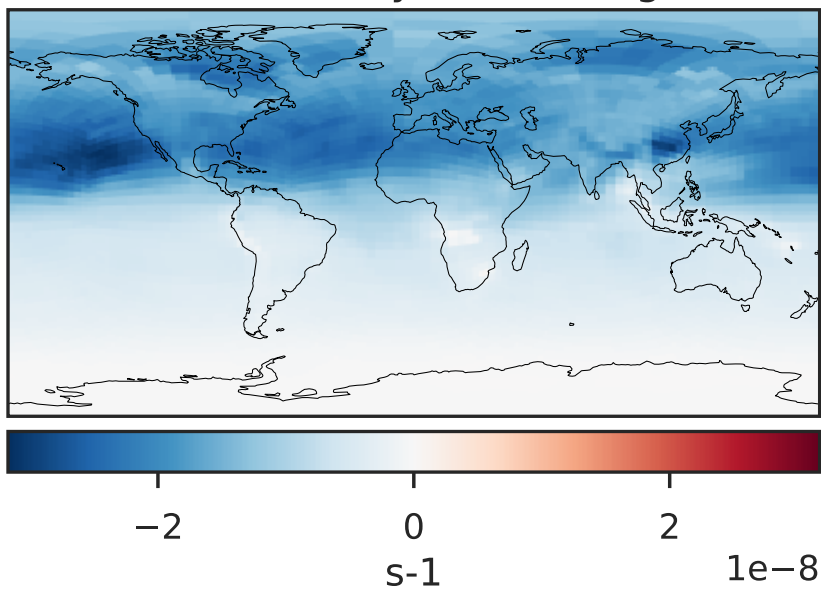
GCHP_14.0.0 (Ref)
c24



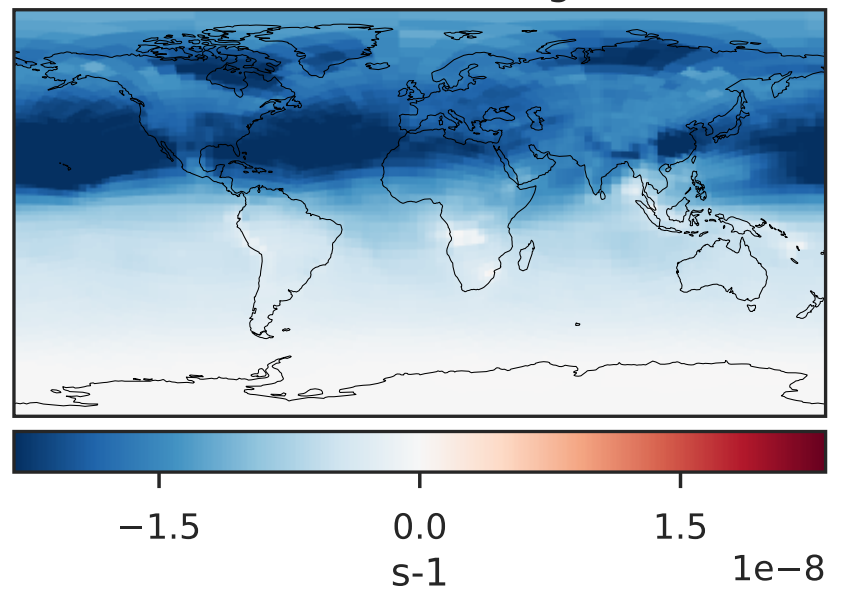
GCHP_14.2.0 (Dev)
c24



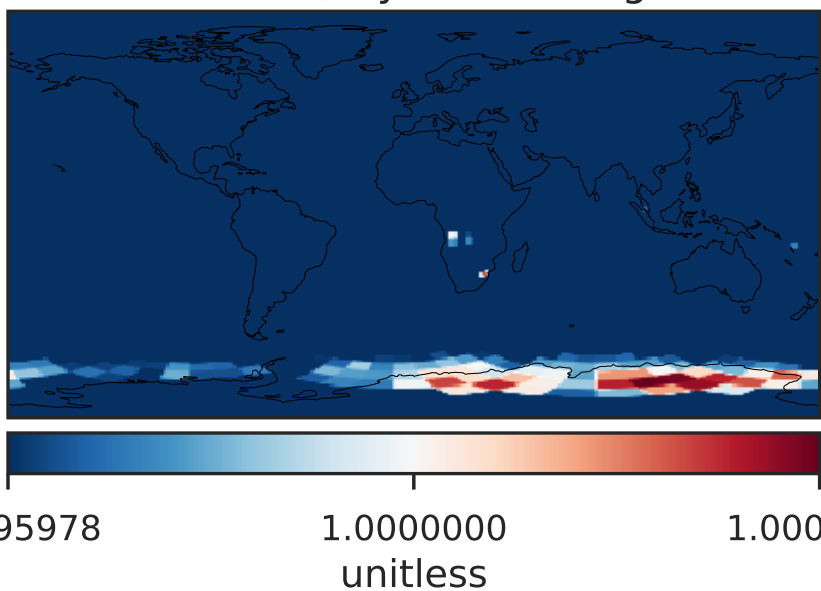
Difference (1x1.25)
Dev - Ref, Dynamic Range



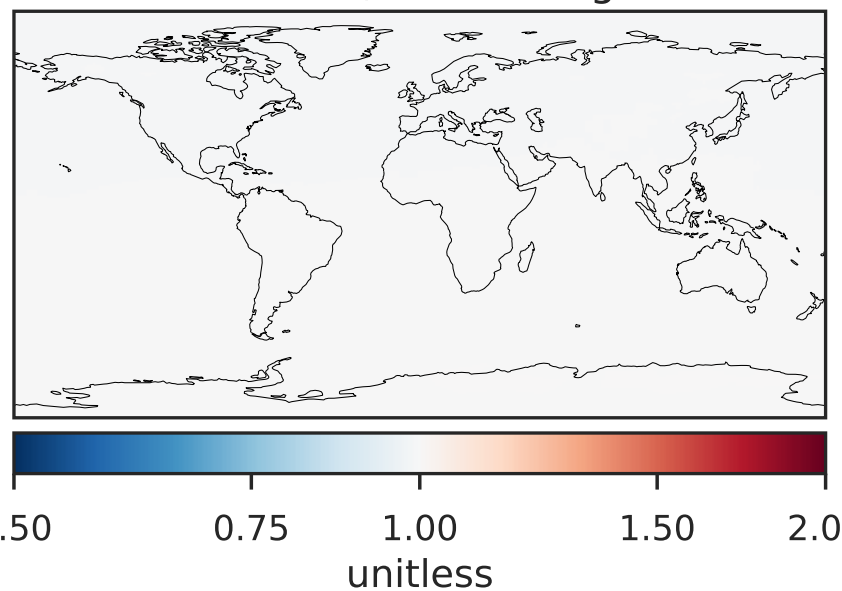
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range



Ratio (1x1.25)
Dev/Ref, Fixed Range



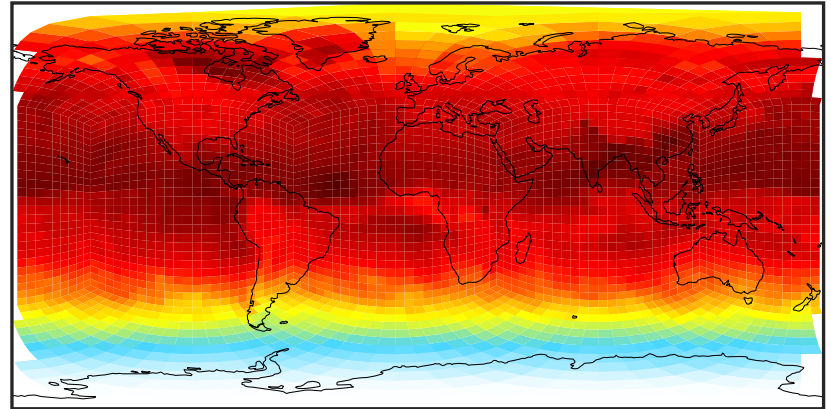
Jval_BALD (Apr2019)

GCHP_14.0.0 (Ref)
c24



Undefined throughout domain
s-1

GCHP_14.2.0 (Dev)
c24



0.4 0.8 1.2
s-1 $1e-5$

Difference (1x1.25)
Dev - Ref, Dynamic Range



Undefined throughout domain
s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Undefined throughout domain
s-1

Ratio (1x1.25)
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

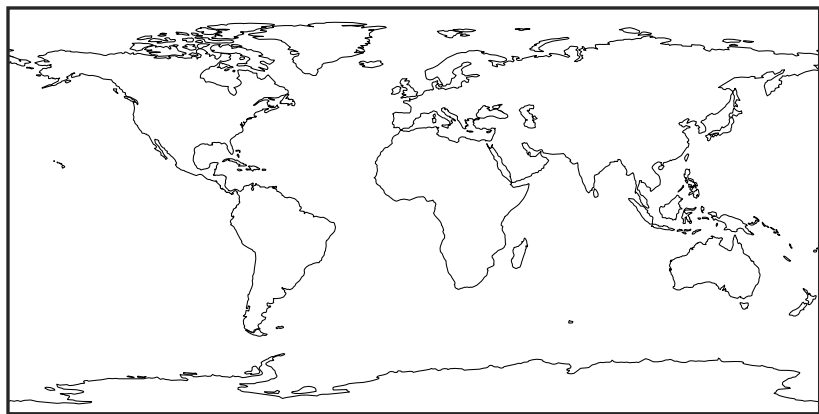
Ratio (1x1.25)
Dev/Ref, Fixed Range



Undefined throughout domain
unitless

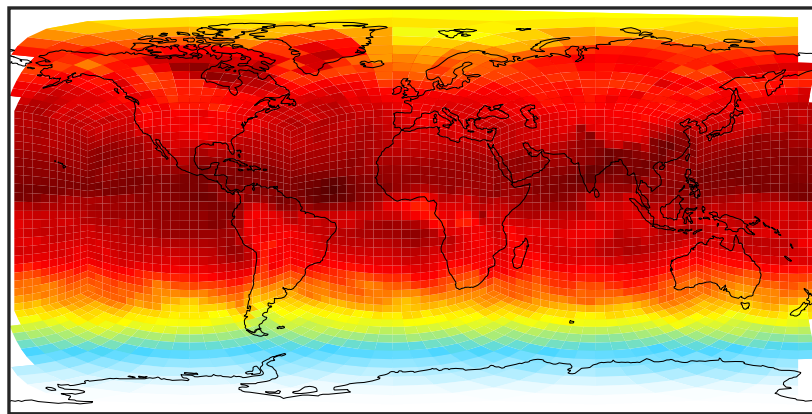
Jval_BENZP (Apr2019)

GCHP_14.0.0 (Ref)
c24



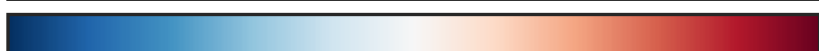
Undefined throughout domain
s-1

GCHP_14.2.0 (Dev)
c24



1 2 3
s-1 1e-6

Difference (1x1.25)
Dev - Ref, Dynamic Range



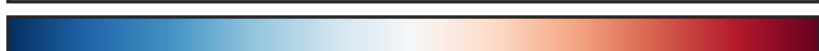
Undefined throughout domain
s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Undefined throughout domain
s-1

Ratio (1x1.25)
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

Ratio (1x1.25)
Dev/Ref, Fixed Range



Undefined throughout domain
unitless

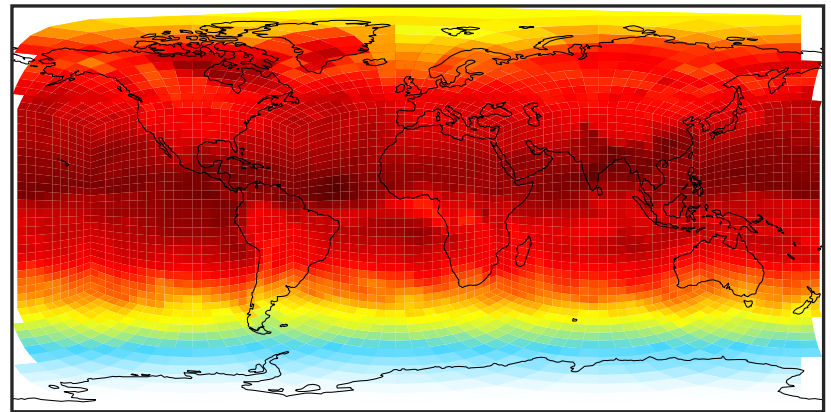
Jval_BZCO3H (Apr2019)

GCHP_14.0.0 (Ref)
c24



Undefined throughout domain
s-1

GCHP_14.2.0 (Dev)
c24



1 2 3
s-1 1e-6

Difference (1x1.25)
Dev - Ref, Dynamic Range



Undefined throughout domain
s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



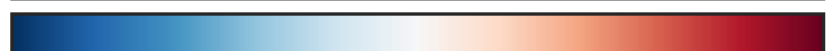
Undefined throughout domain
s-1

Ratio (1x1.25)
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

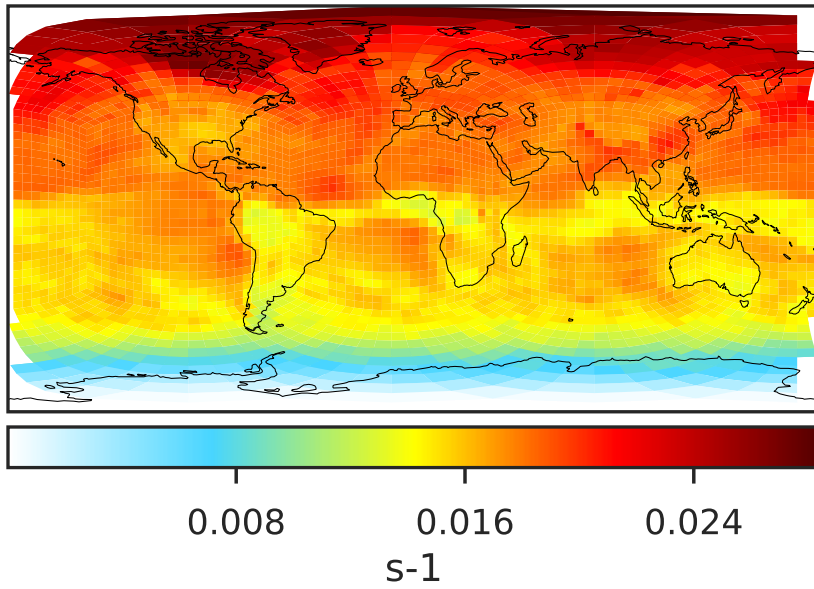
Ratio (1x1.25)
Dev/Ref, Fixed Range



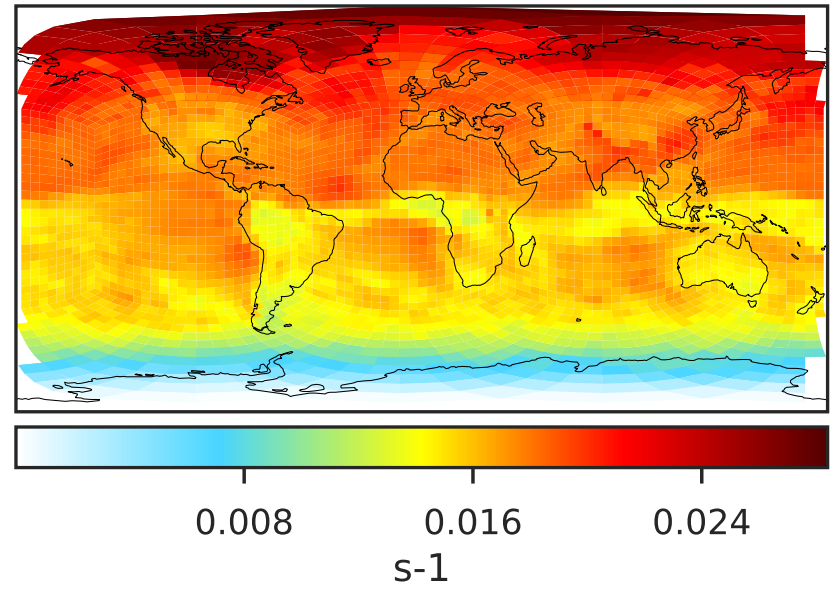
Undefined throughout domain
unitless

Jval_Br2 (Apr2019)

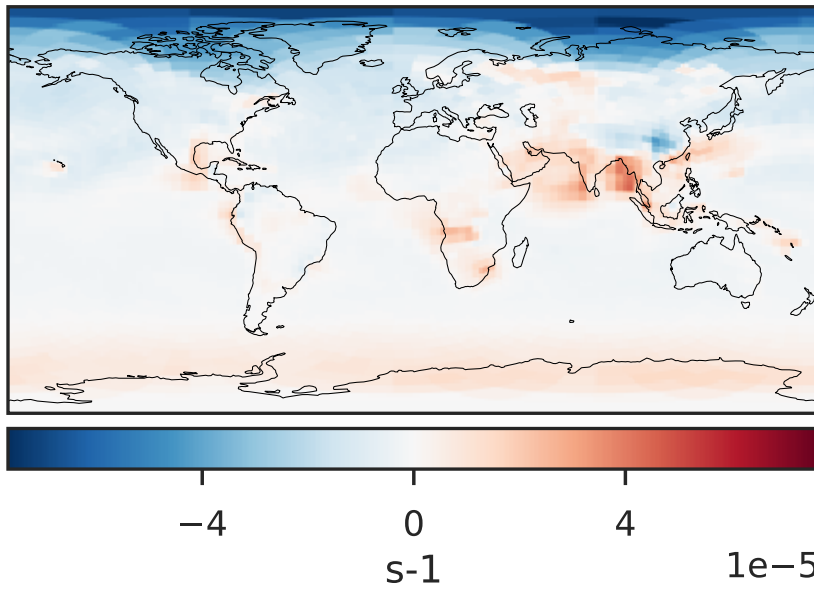
GCHP_14.0.0 (Ref)
c24



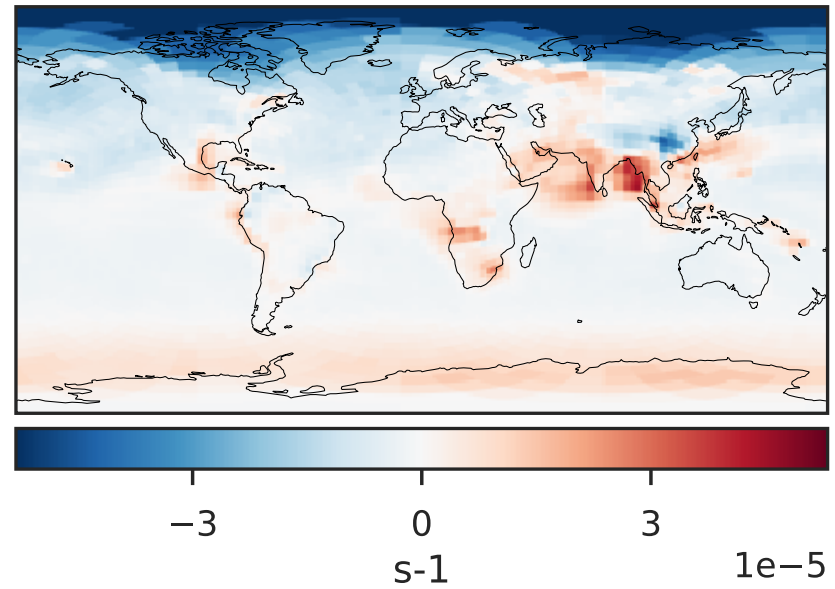
GCHP_14.2.0 (Dev)
c24



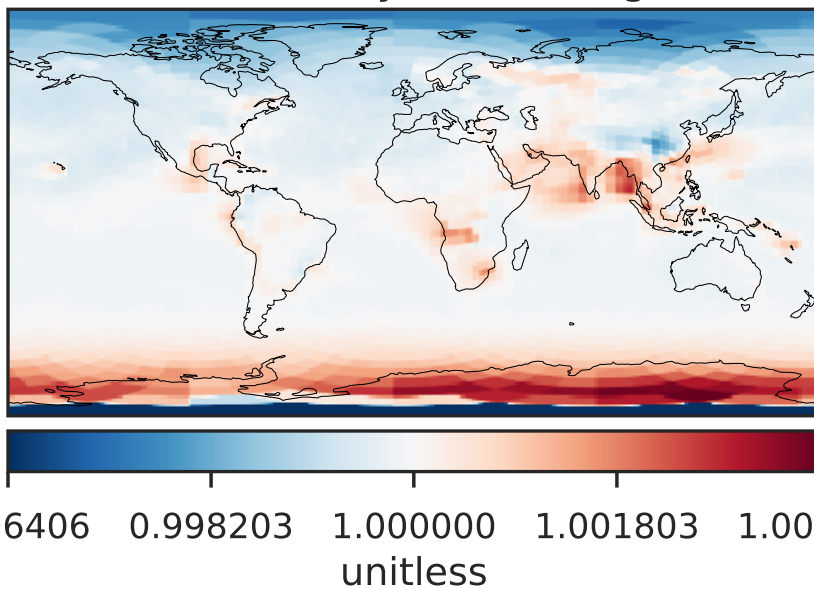
Difference (1x1.25)
Dev - Ref, Dynamic Range



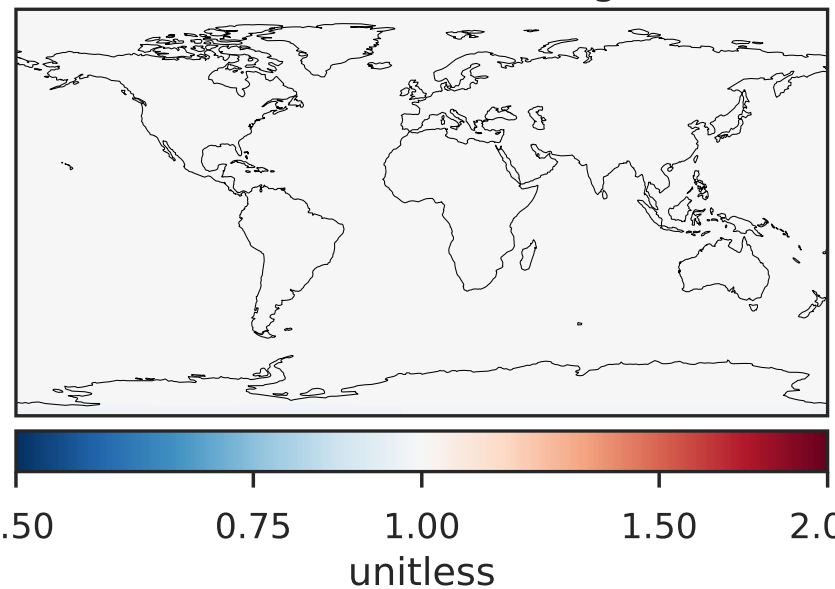
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range



Ratio (1x1.25)
Dev/Ref, Fixed Range

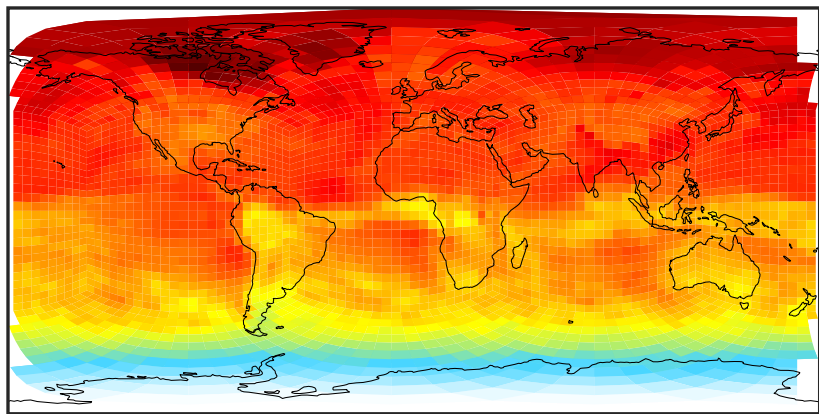


0.996406 0.998203 1.000000 1.001803 1.003607
unitless

0.50 0.75 1.00 1.50 2.00
unitless

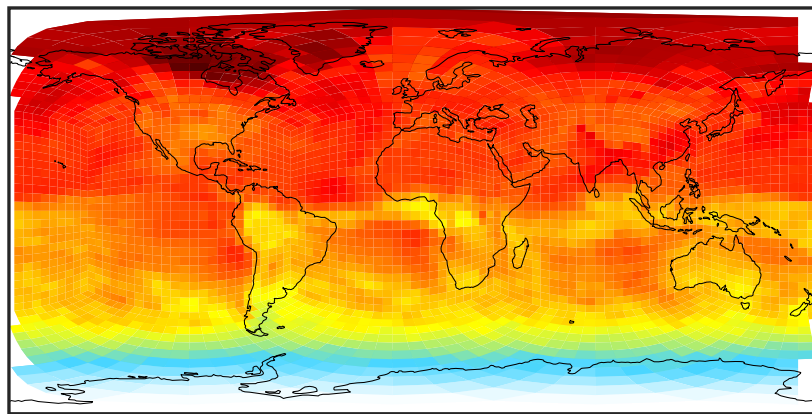
Jval_BrCl (Apr2019)

GCHP_14.0.0 (Ref)
c24



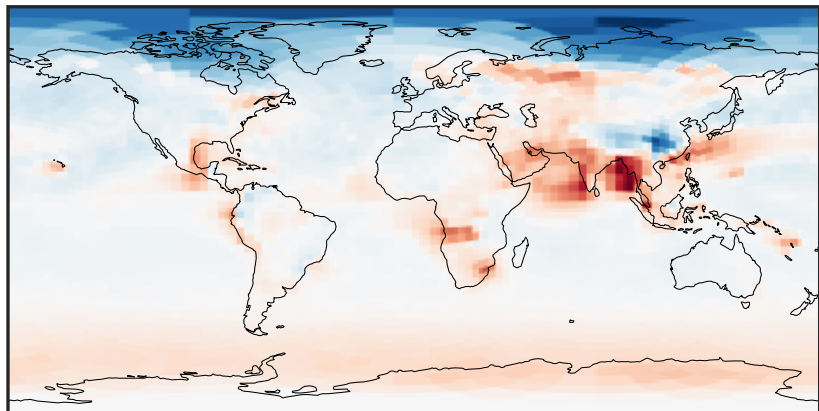
0.0025 0.0050 0.0075
s-1

GCHP_14.2.0 (Dev)
c24



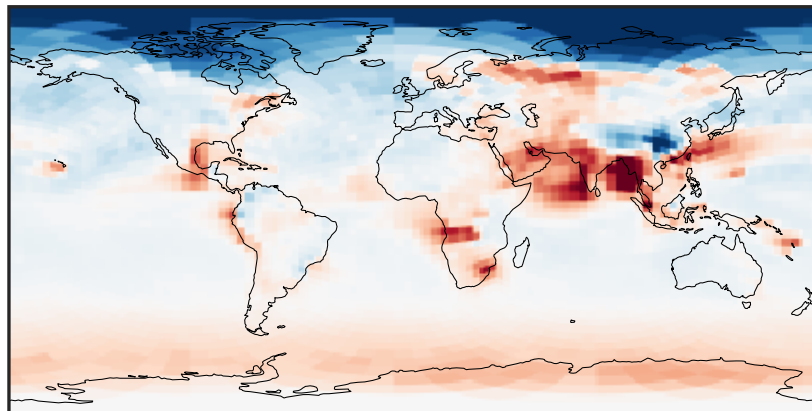
0.0025 0.0050 0.0075
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



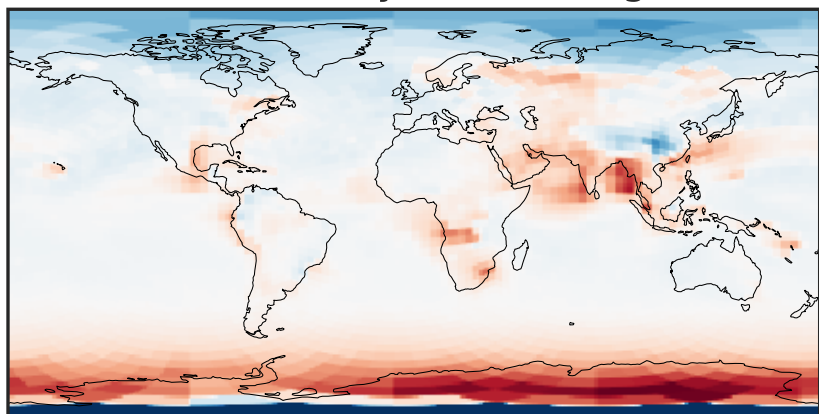
-8 0 8
s-1 1e-6

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



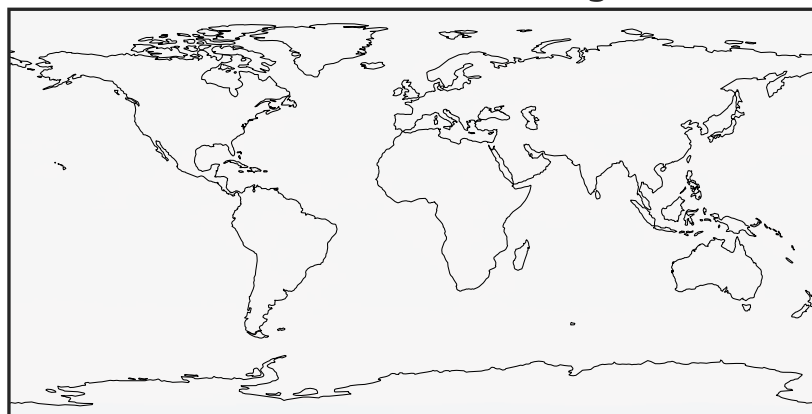
-6 0 6
s-1 1e-6

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.996622 0.998311 1.000000 1.001695 1.003390
unitless

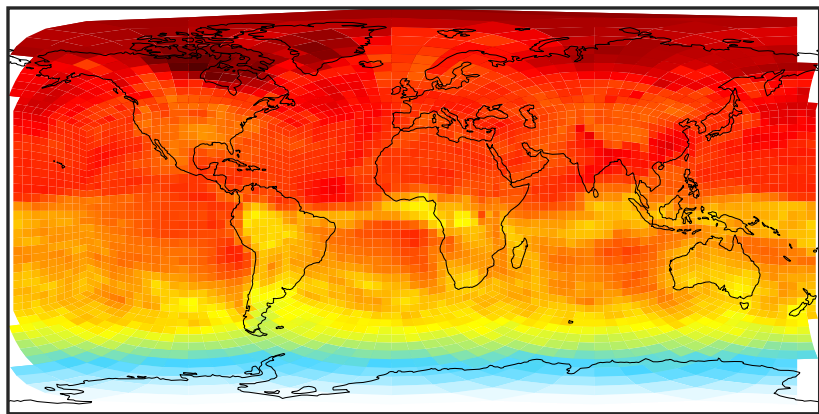
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

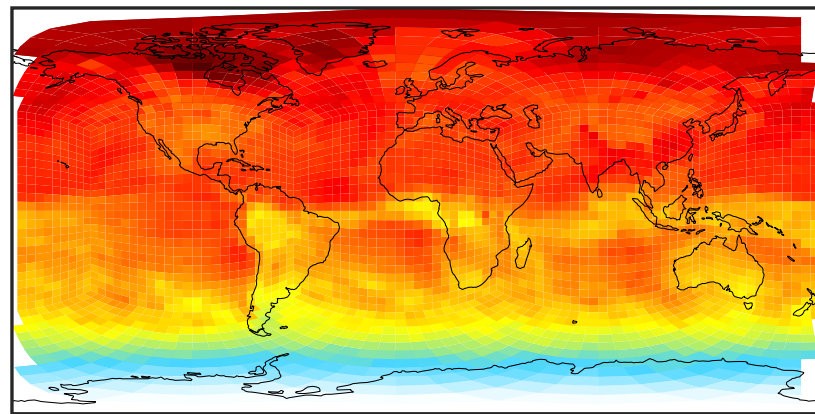
Jval_BrNO2 (Apr2019)

GCHP_14.0.0 (Ref)
c24



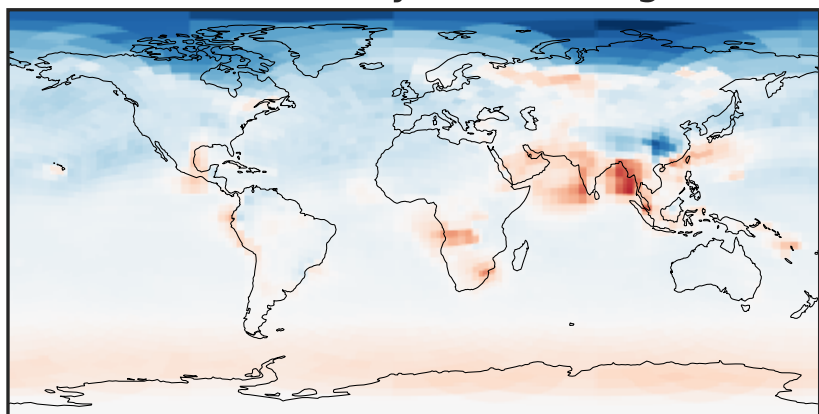
0.0015 0.0030 0.0045
s-1

GCHP_14.2.0 (Dev)
c24



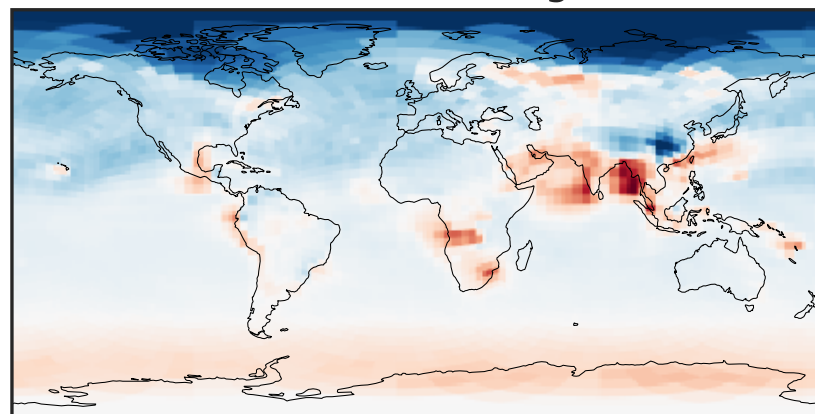
0.0015 0.0030 0.0045
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



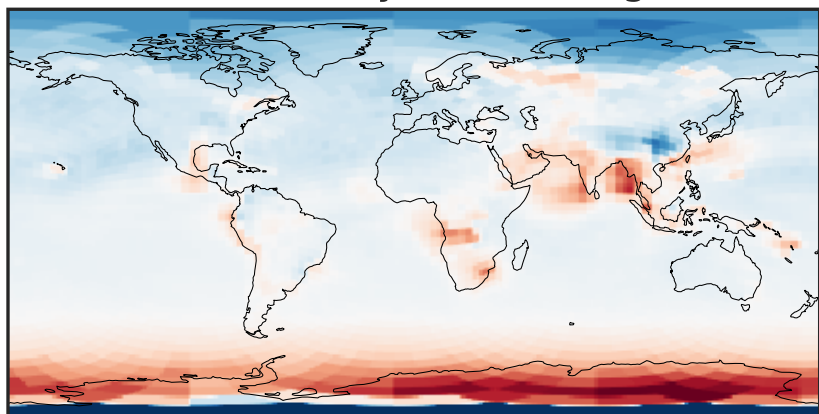
-6 0 6
s-1 1e-6

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



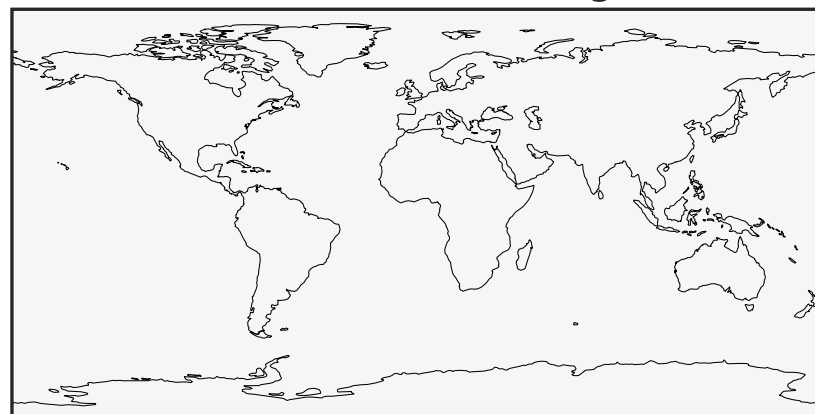
-5 0 5
s-1 1e-6

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.996677 0.998339 1.000000 1.001667 1.003334
unitless

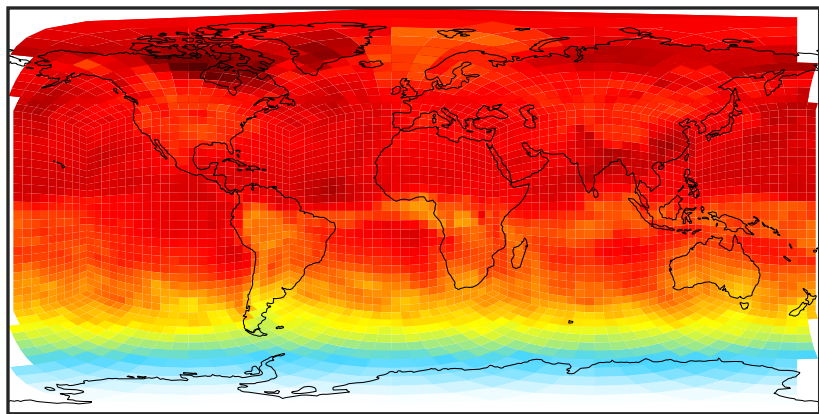
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

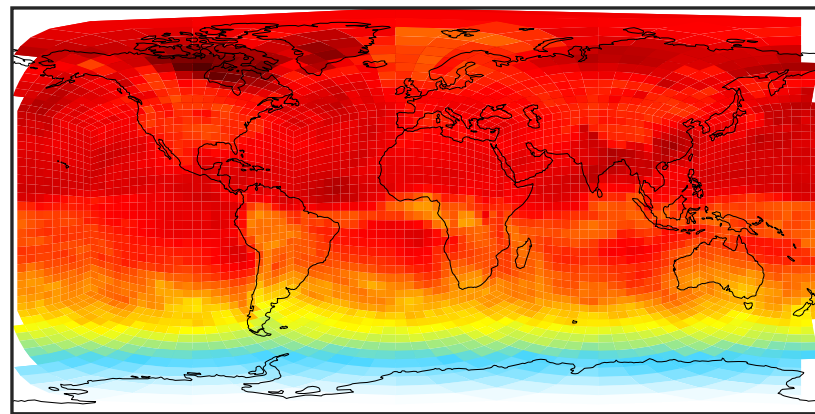
Jval_BrNO3 (Apr2019)

GCHP_14.0.0 (Ref)
c24



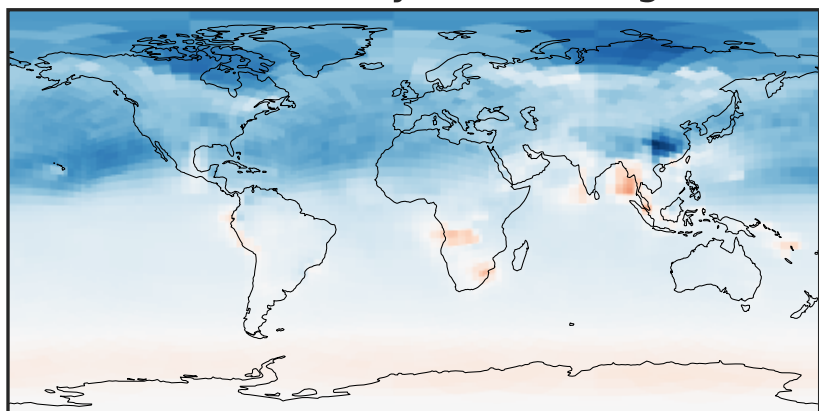
0.00025 0.00050 0.00075
s-1

GCHP_14.2.0 (Dev)
c24



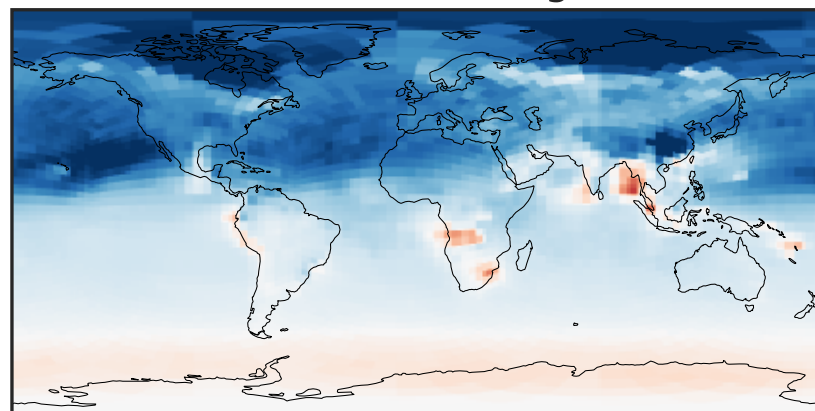
0.00025 0.00050 0.00075
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



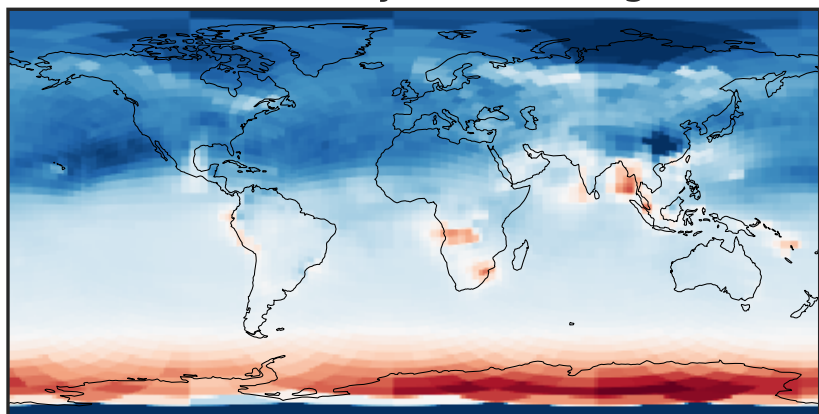
-2 0 2
s-1 1e-6

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



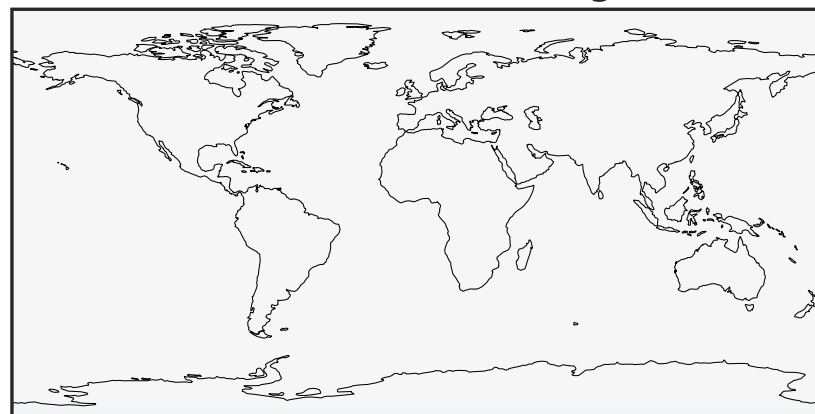
-1 0 1
s-1 1e-6

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.997178 0.998589 1.000000 1.001415 1.002830
unitless

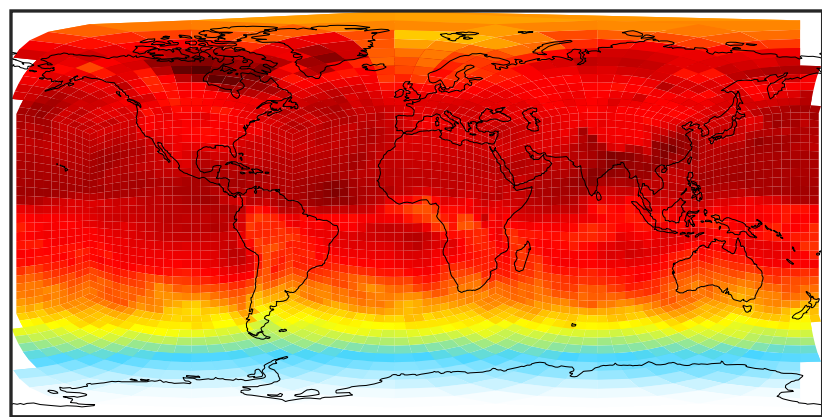
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

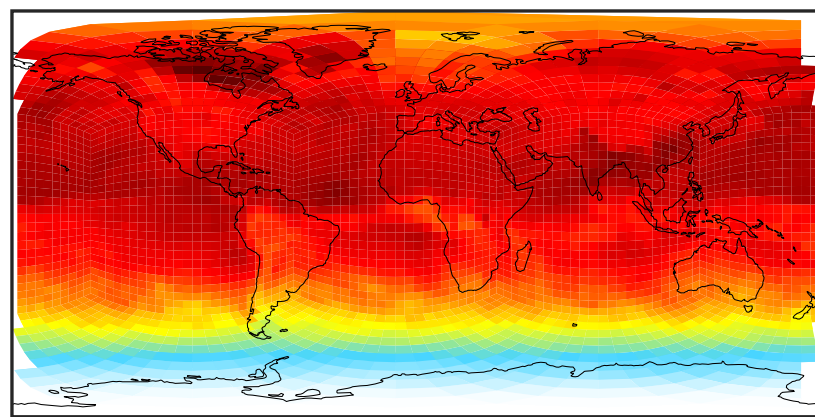
Jval_BrO (Apr2019)

GCHP_14.0.0 (Ref)
c24



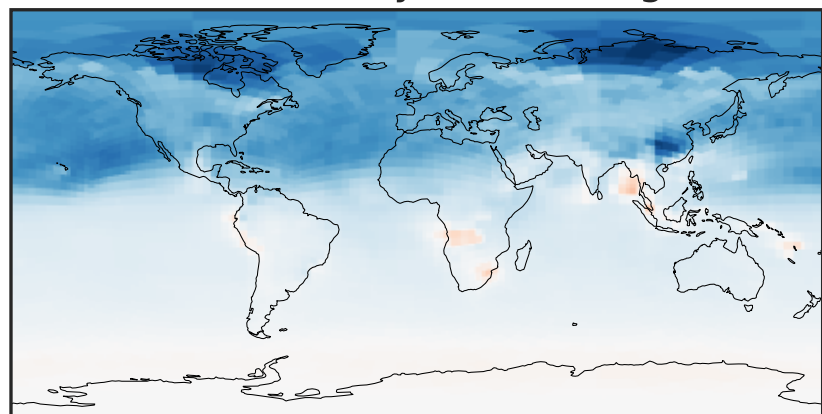
0.008 0.016 0.024
s-1

GCHP_14.2.0 (Dev)
c24



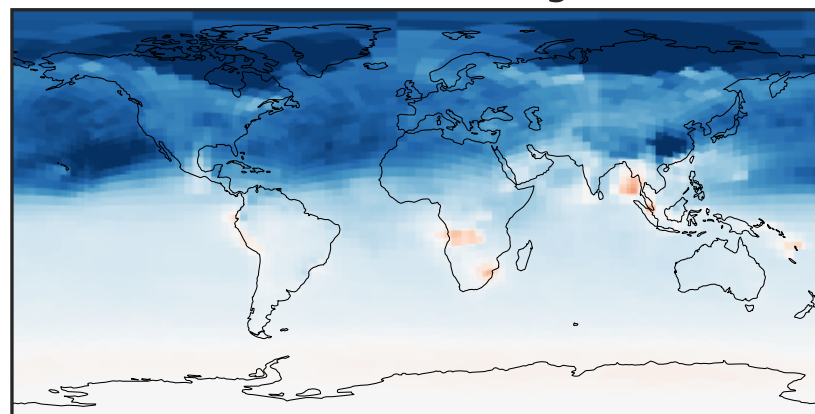
0.008 0.016 0.024
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



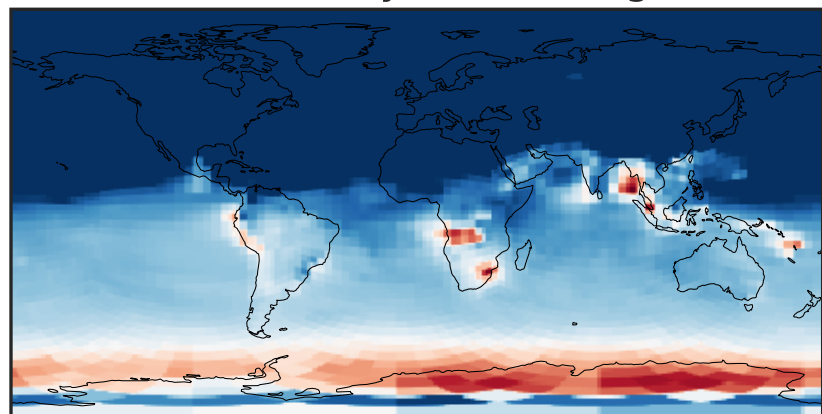
-6 0 6
s-1 1e-5

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



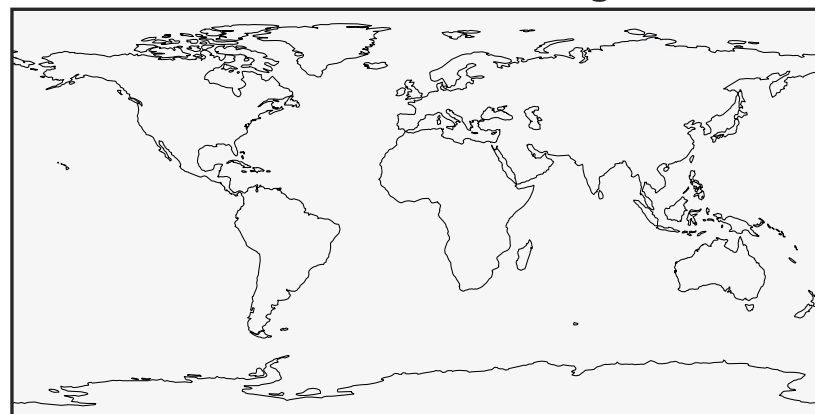
-4 0 4
s-1 1e-5

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.998526 0.999263 1.000000 1.000738 1.001477
unitless

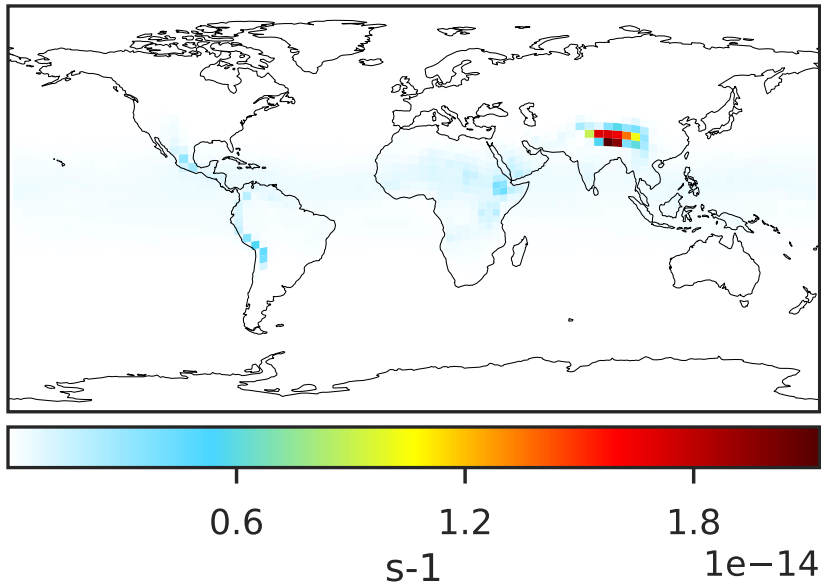
Ratio (1x1.25)
Dev/Ref, Fixed Range



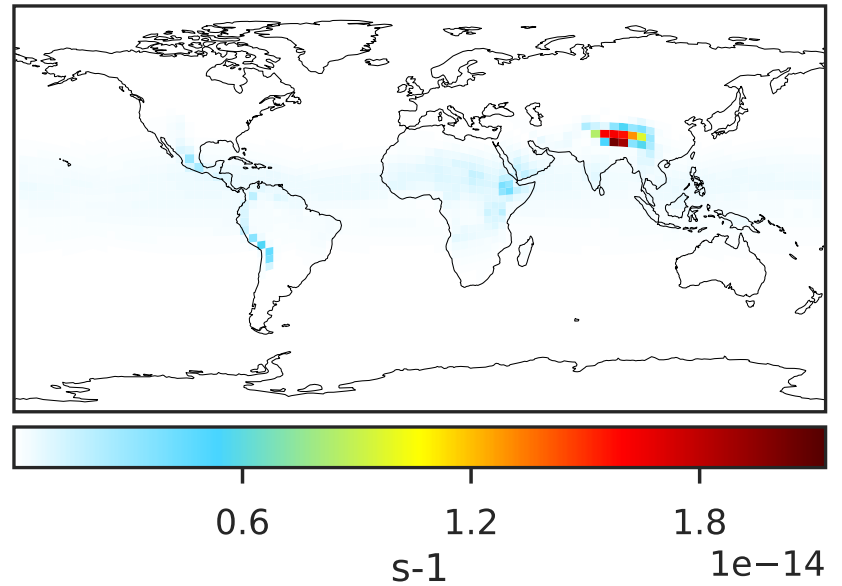
0.50 0.75 1.00 1.50 2.00
unitless

Jval_CCI4 (Apr2019)

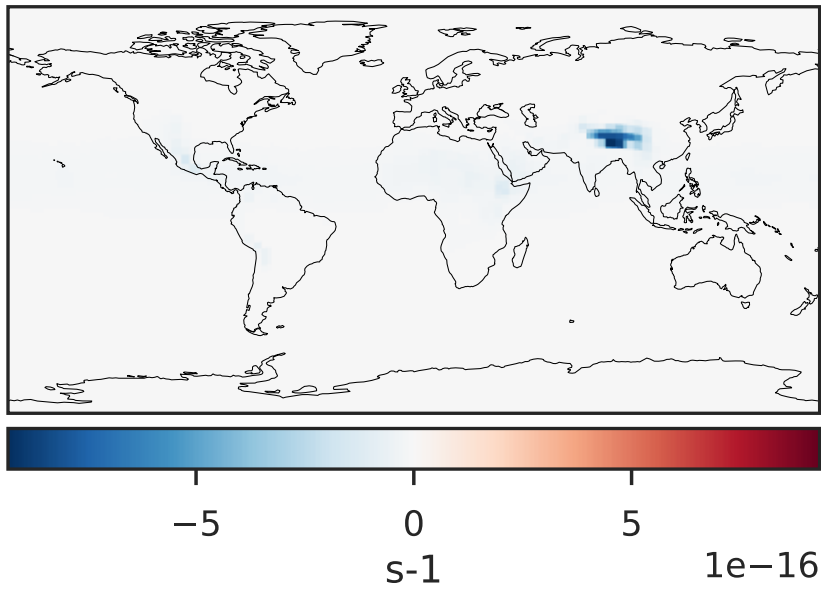
GCHP_14.0.0 (Ref)
c24



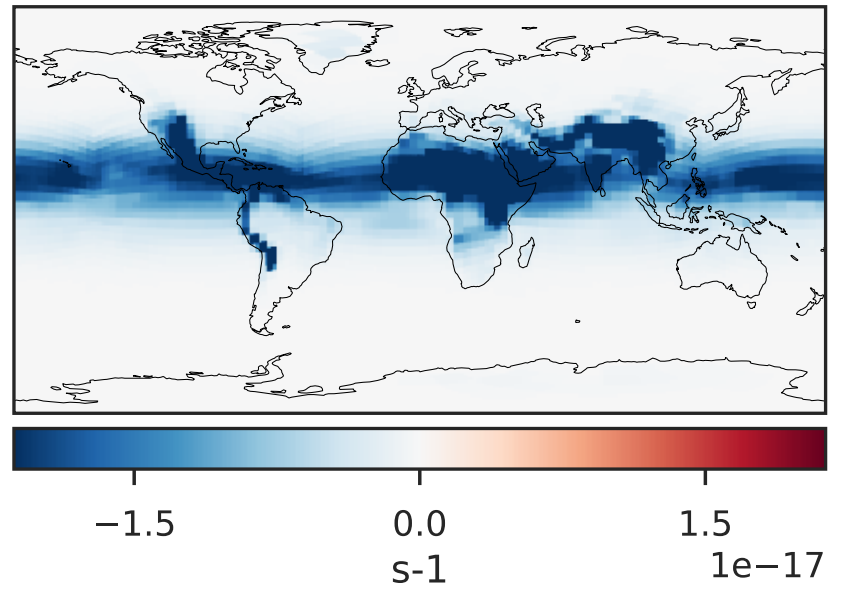
GCHP_14.2.0 (Dev)
c24



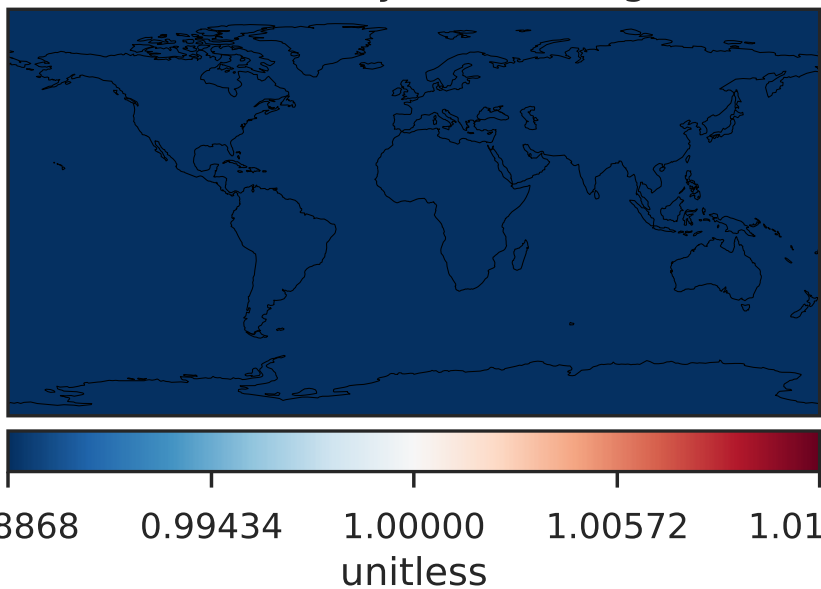
Difference (1x1.25)
Dev - Ref, Dynamic Range



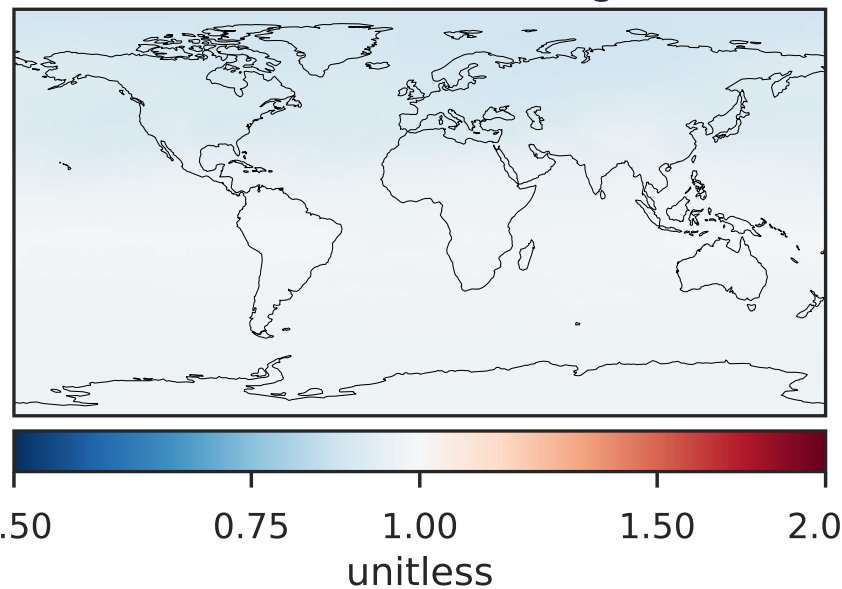
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

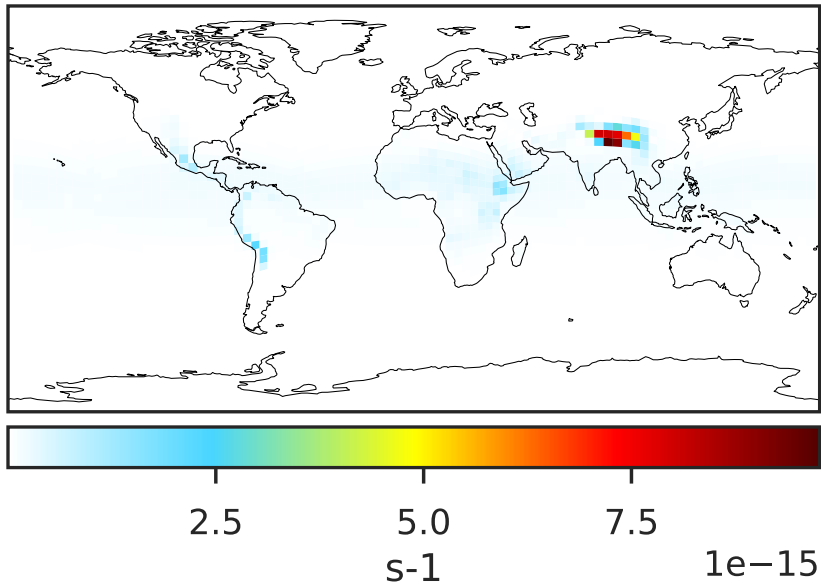


Ratio (1x1.25)
Dev/Ref, Fixed Range

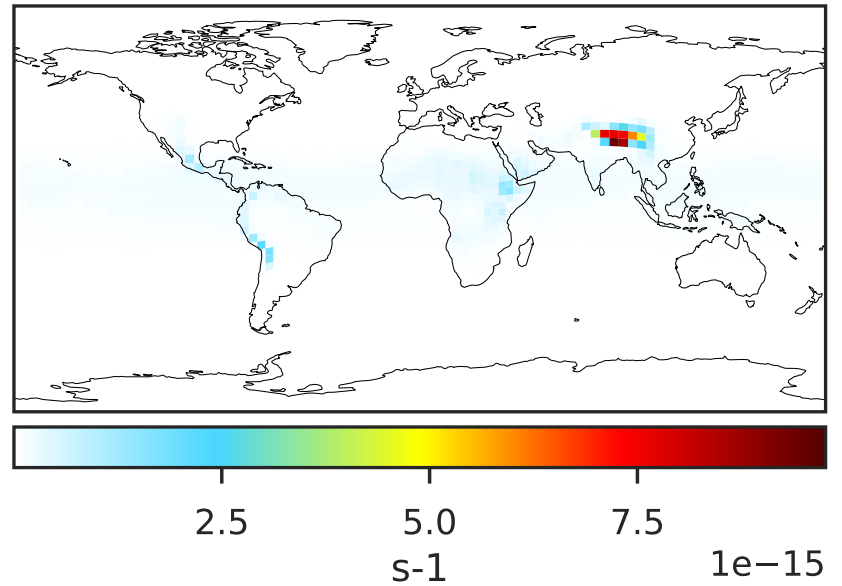


Jval_CFC11 (Apr2019)

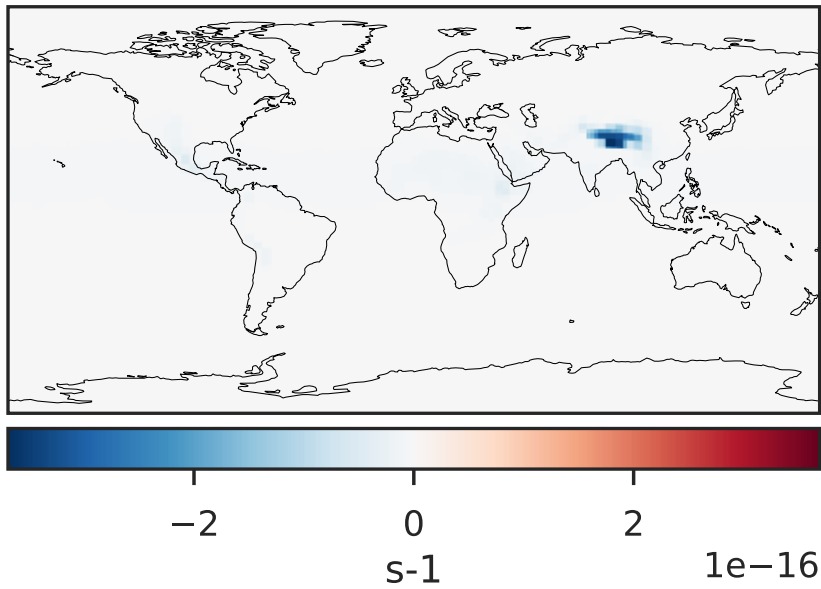
GCHP_14.0.0 (Ref)
c24



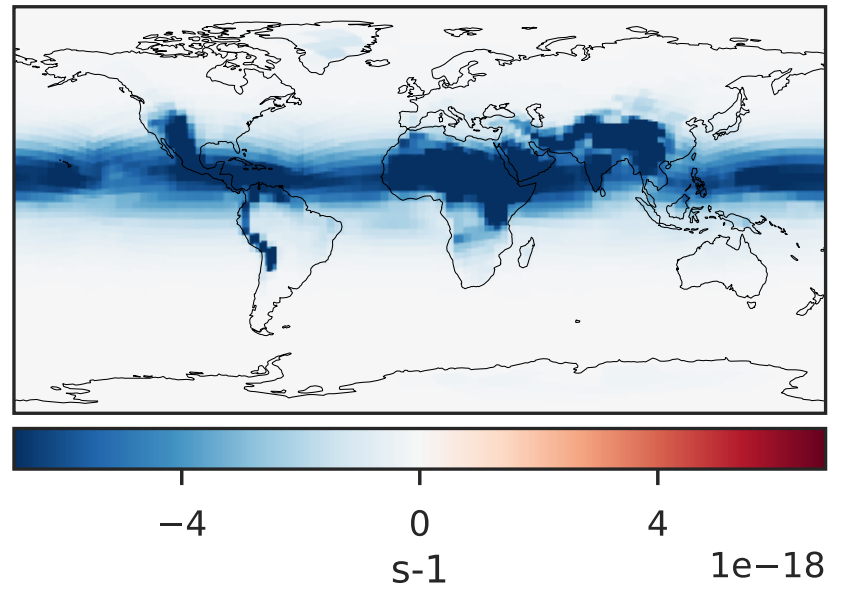
GCHP_14.2.0 (Dev)
c24



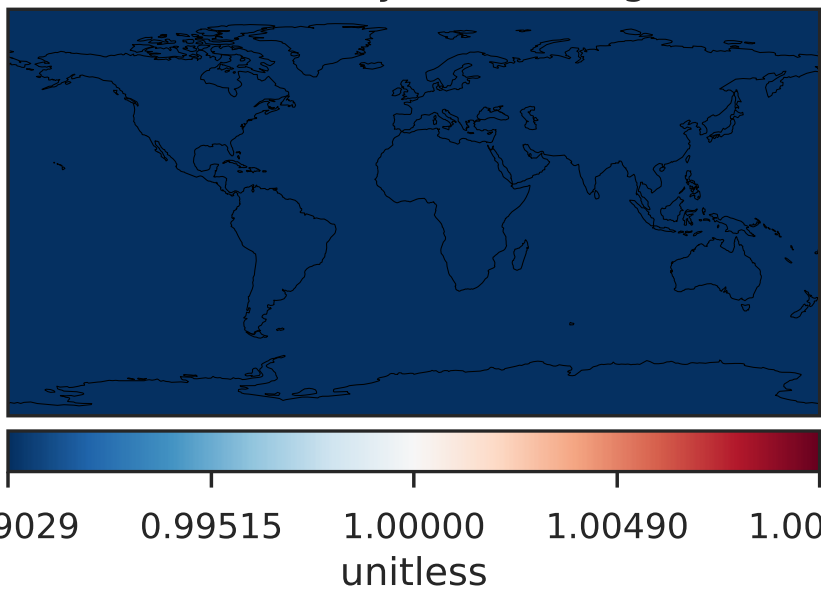
Difference (1x1.25)
Dev - Ref, Dynamic Range



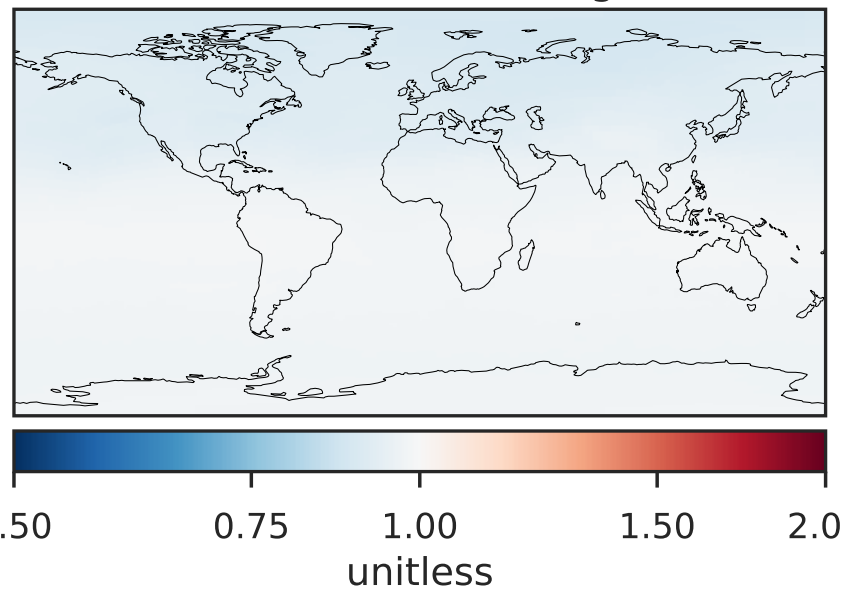
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

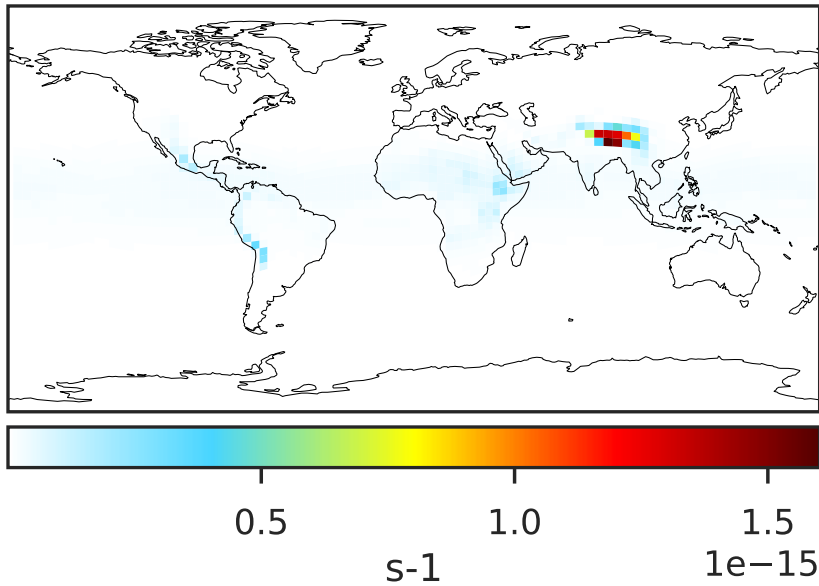


Ratio (1x1.25)
Dev/Ref, Fixed Range

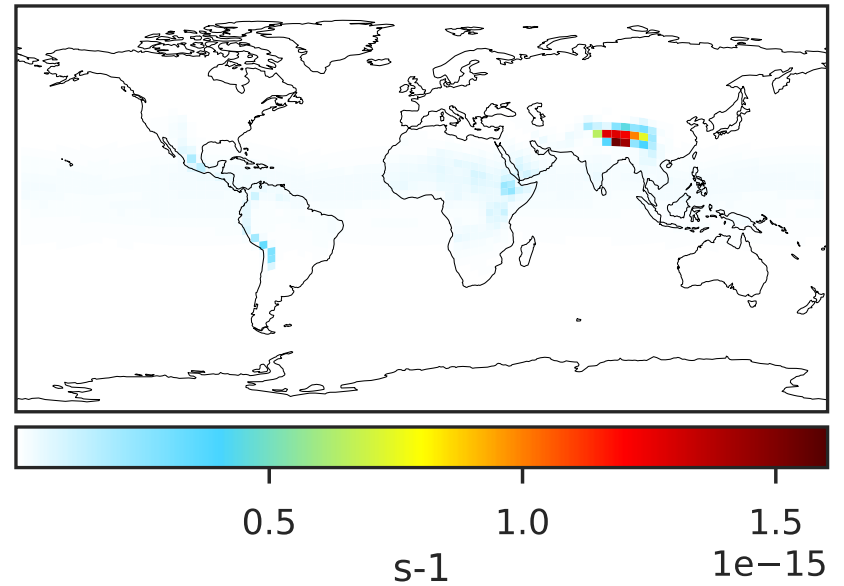


Jval_CFC113 (Apr2019)

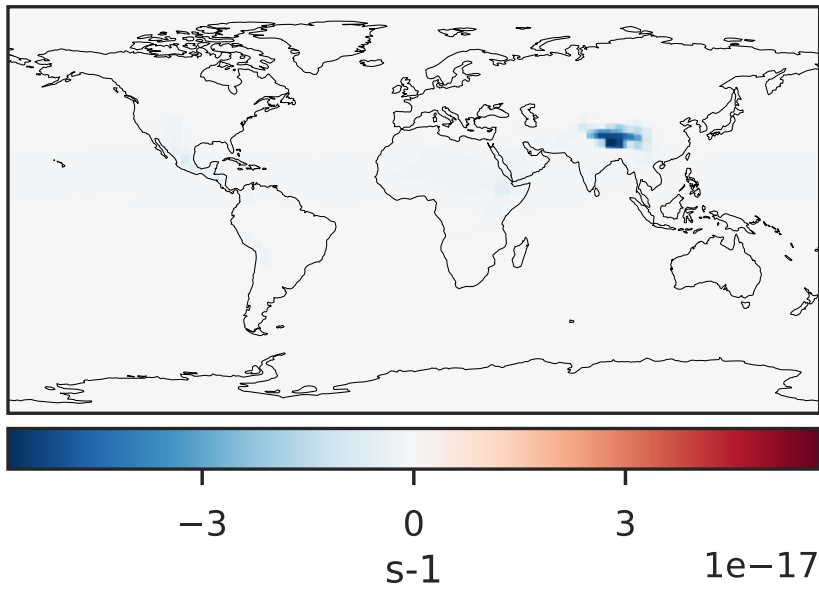
GCHP_14.0.0 (Ref)
c24



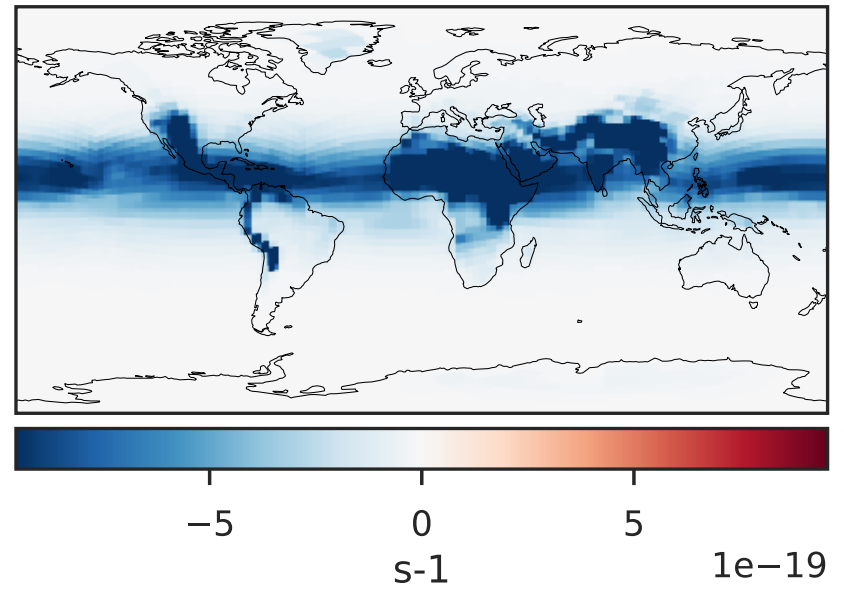
GCHP_14.2.0 (Dev)
c24



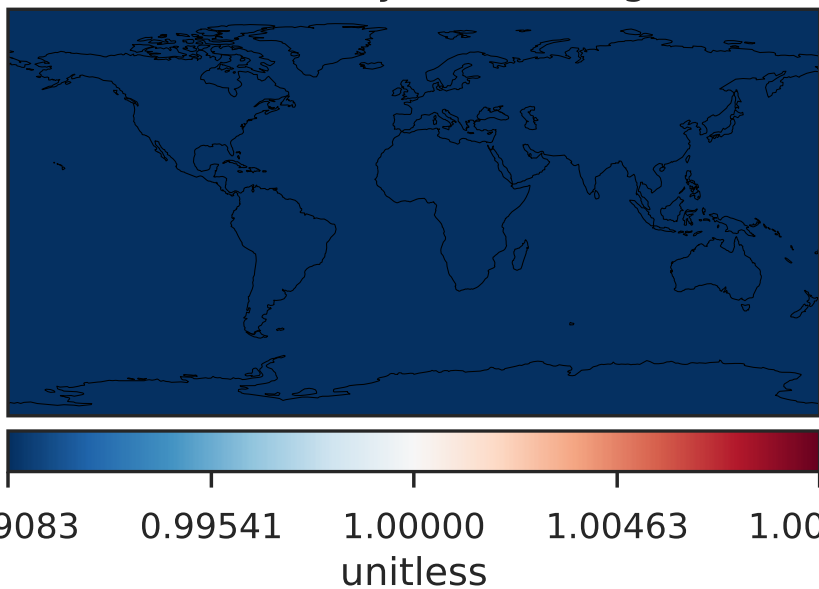
Difference (1x1.25)
Dev - Ref, Dynamic Range



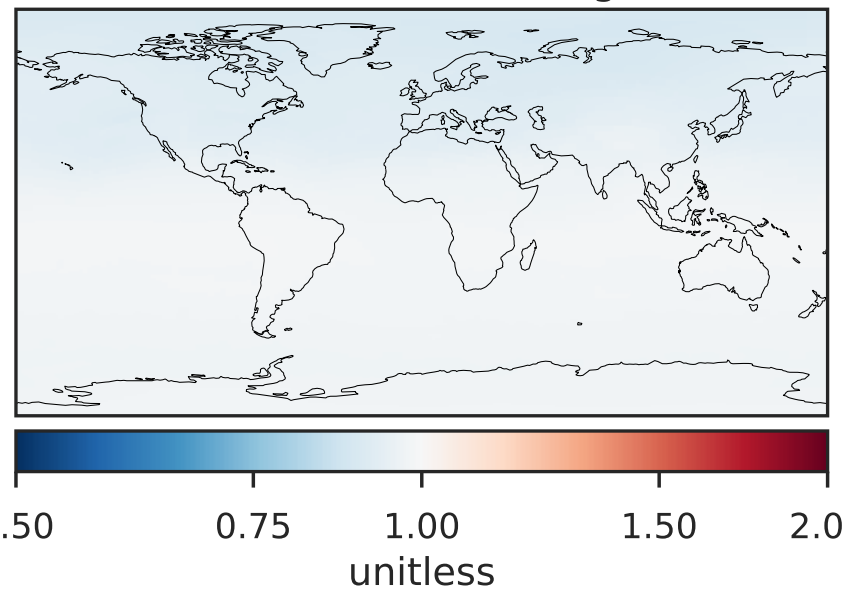
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

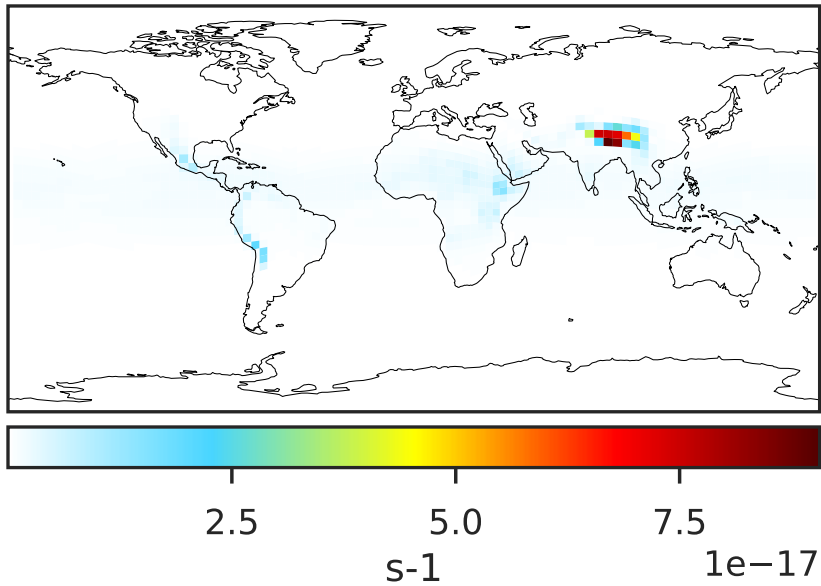


Ratio (1x1.25)
Dev/Ref, Fixed Range

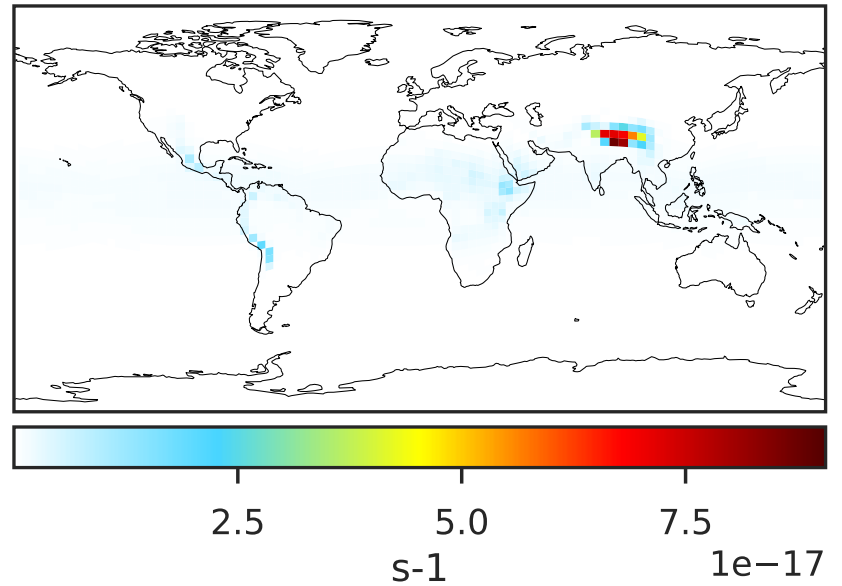


Jval_CFC114 (Apr2019)

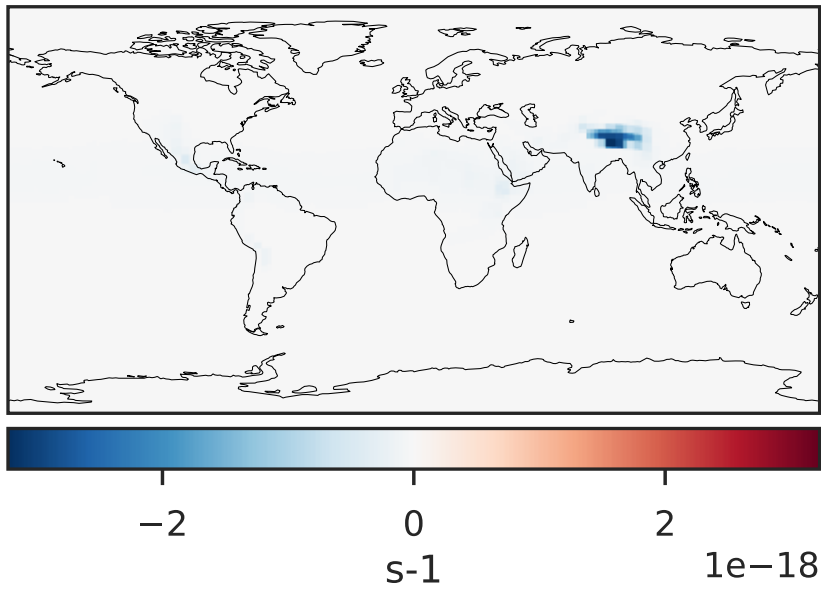
GCHP_14.0.0 (Ref)
c24



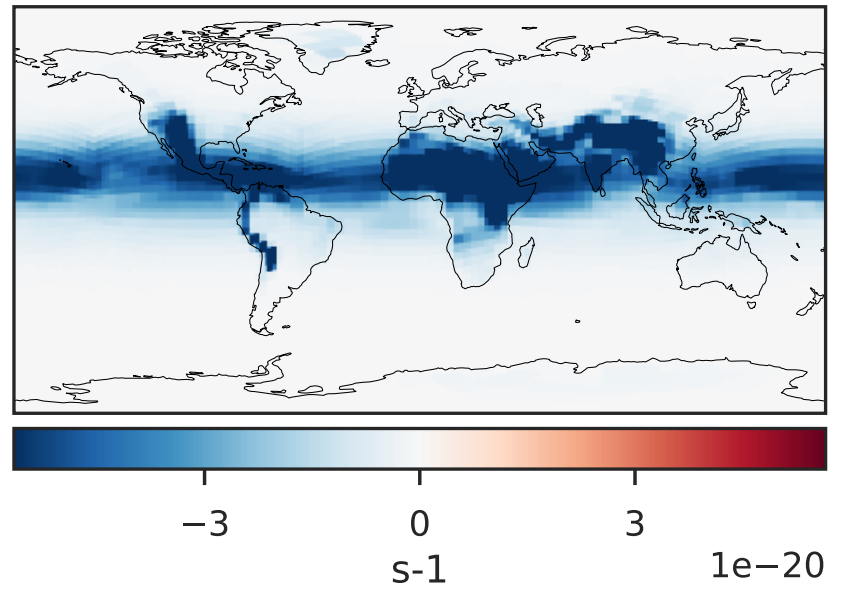
GCHP_14.2.0 (Dev)
c24



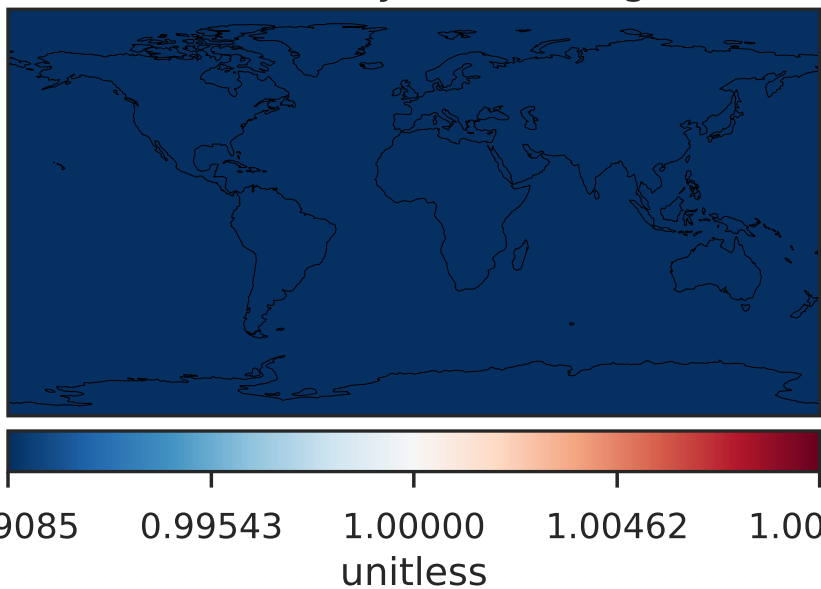
Difference (1x1.25)
Dev - Ref, Dynamic Range



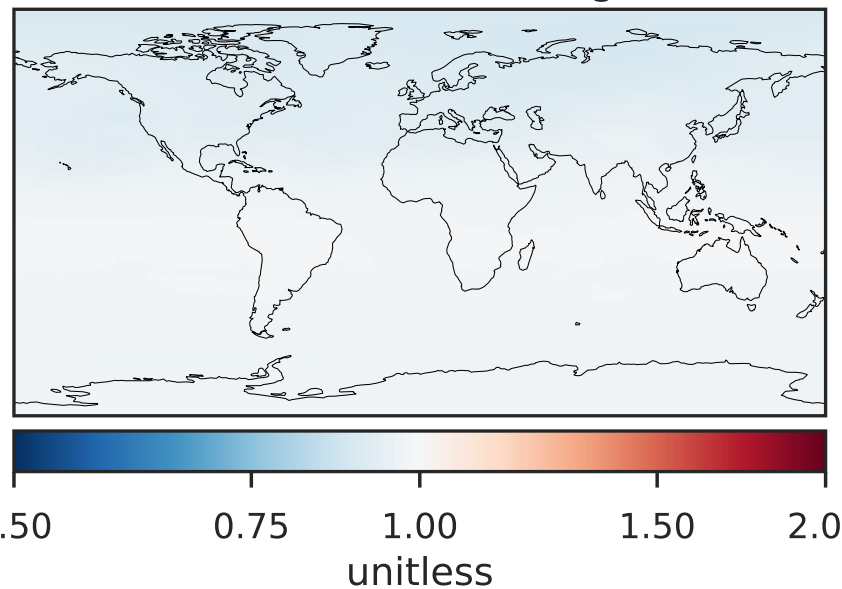
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

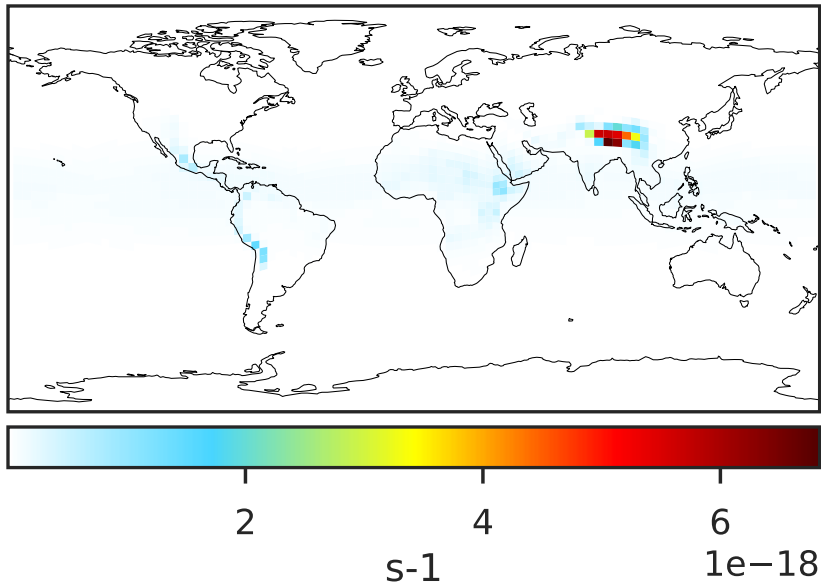


Ratio (1x1.25)
Dev/Ref, Fixed Range

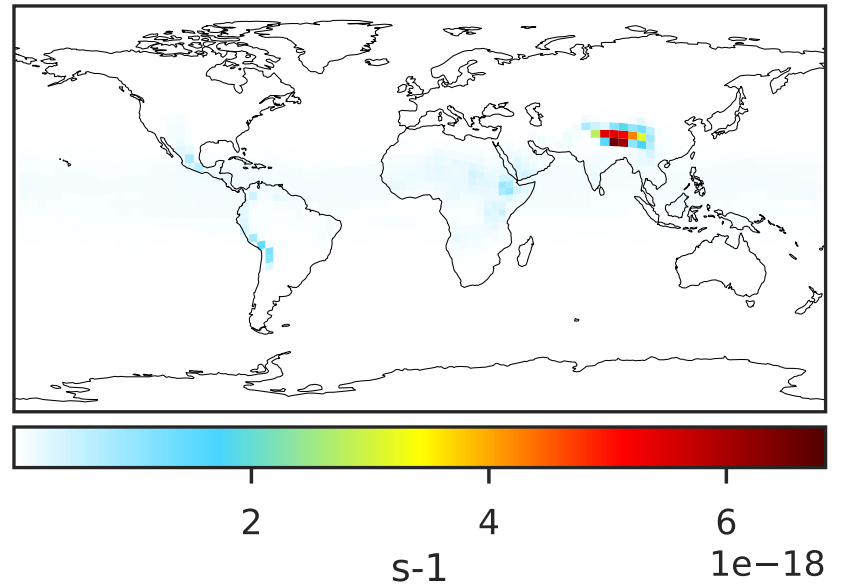


Jval_CFC115 (Apr2019)

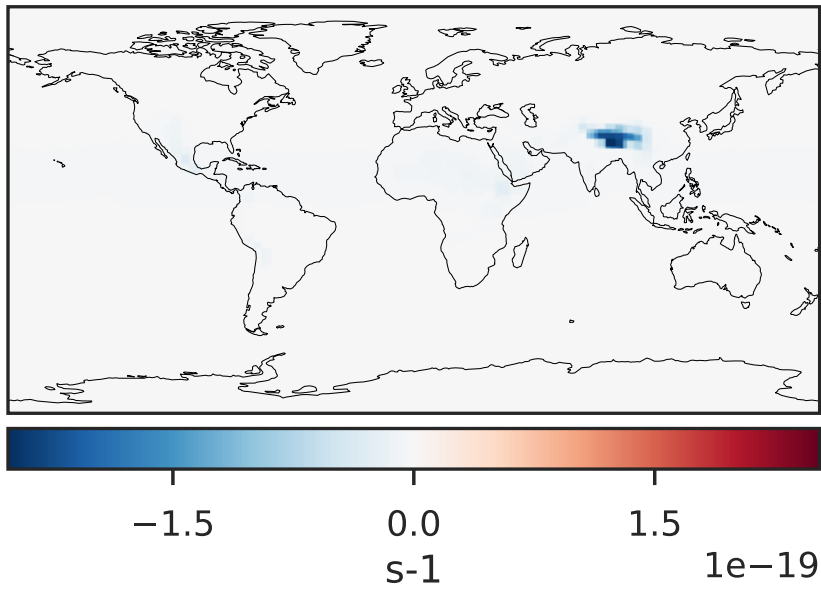
GCHP_14.0.0 (Ref)
c24



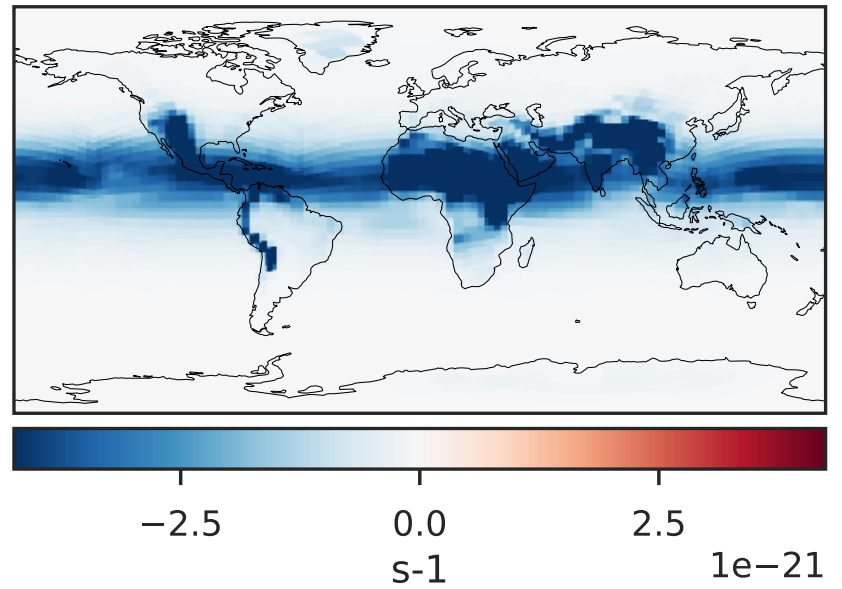
GCHP_14.2.0 (Dev)
c24



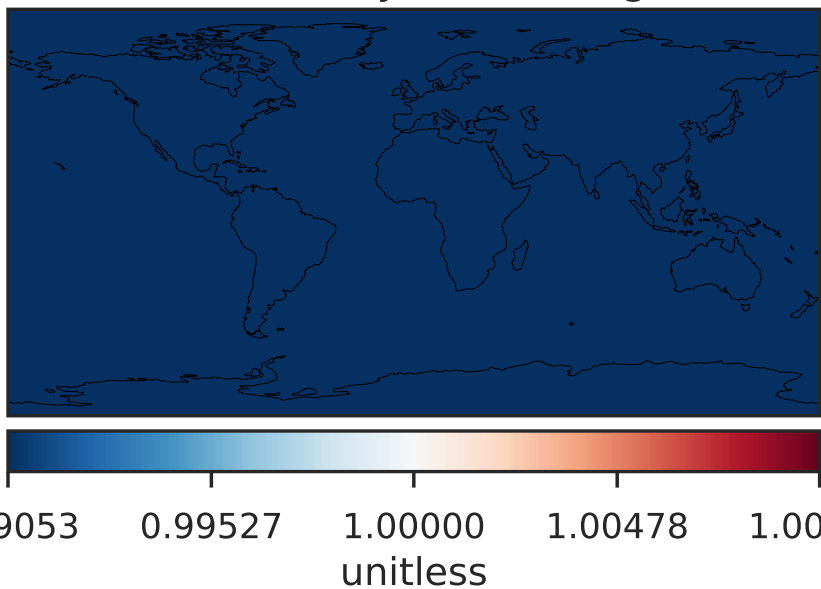
Difference (1x1.25)
Dev - Ref, Dynamic Range



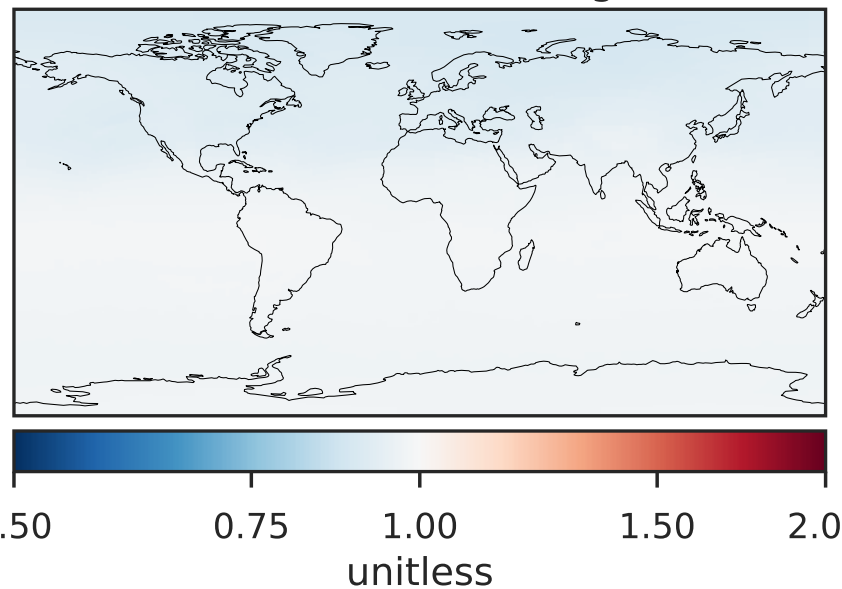
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

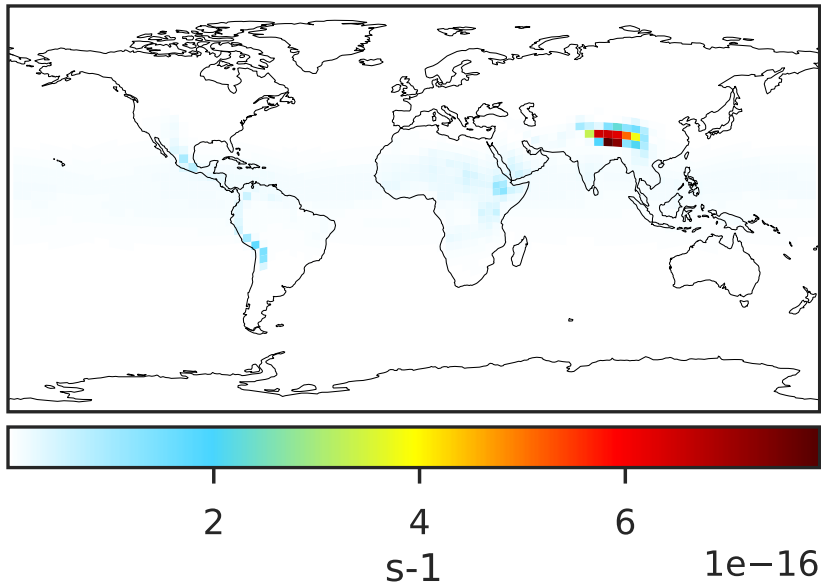


Ratio (1x1.25)
Dev/Ref, Fixed Range

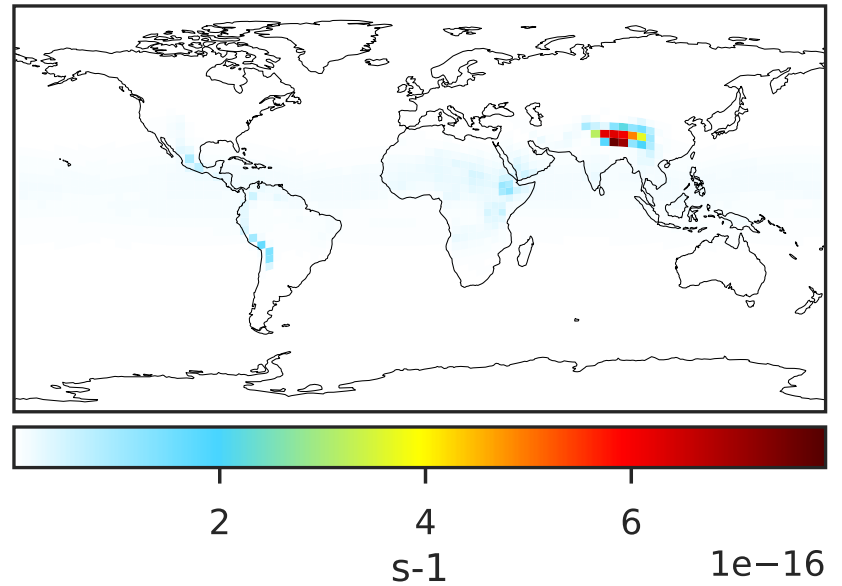


Jval_CFC12 (Apr2019)

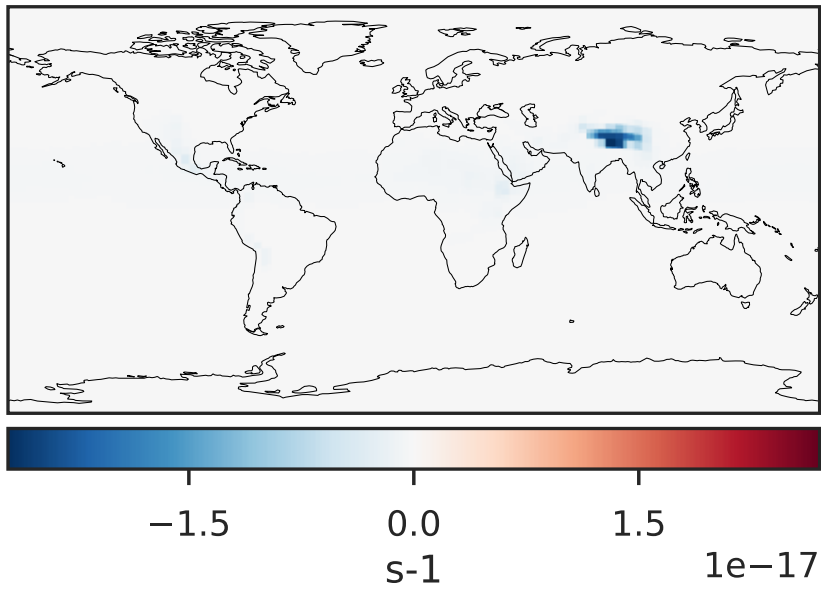
GCHP_14.0.0 (Ref)
c24



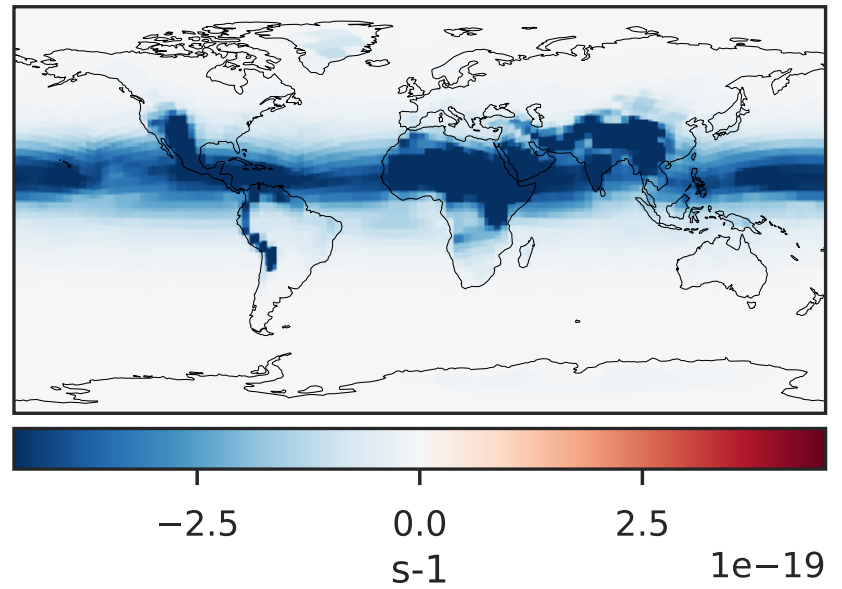
GCHP_14.2.0 (Dev)
c24



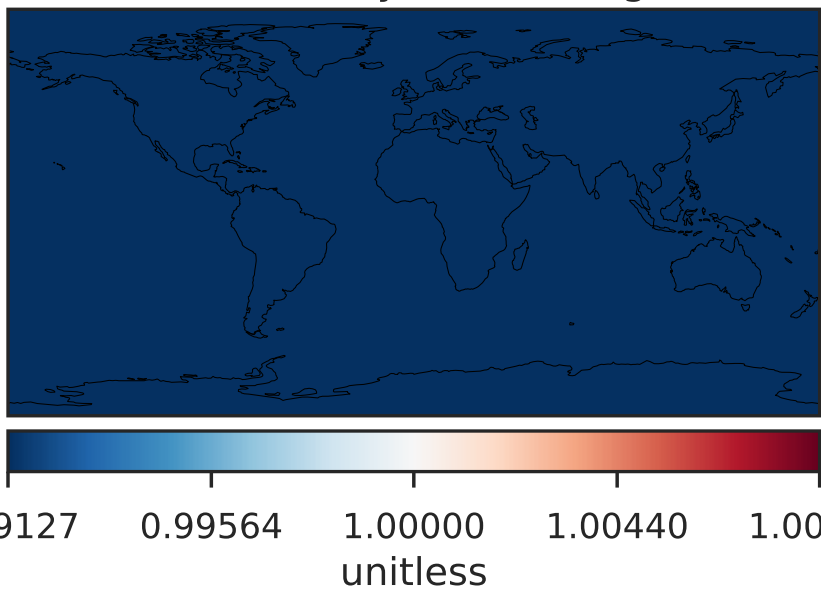
Difference (1x1.25)
Dev - Ref, Dynamic Range



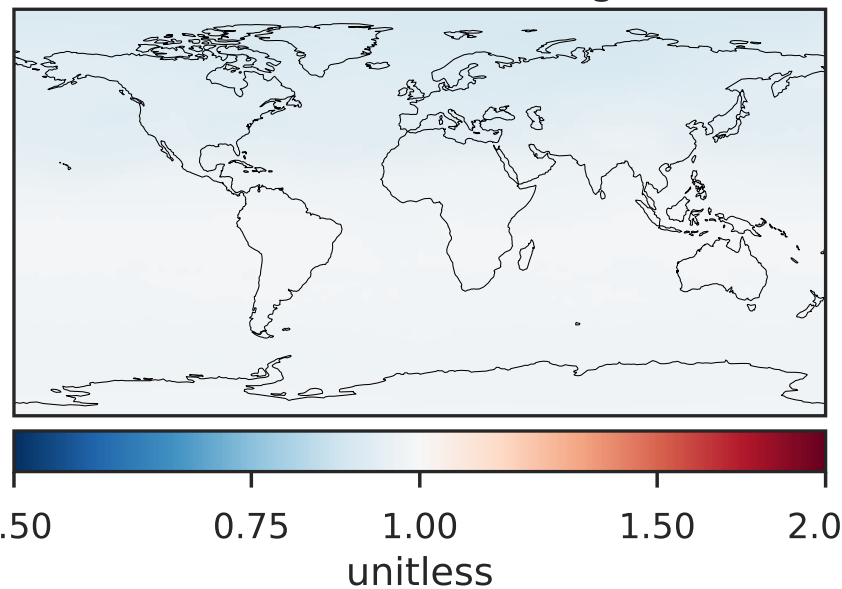
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

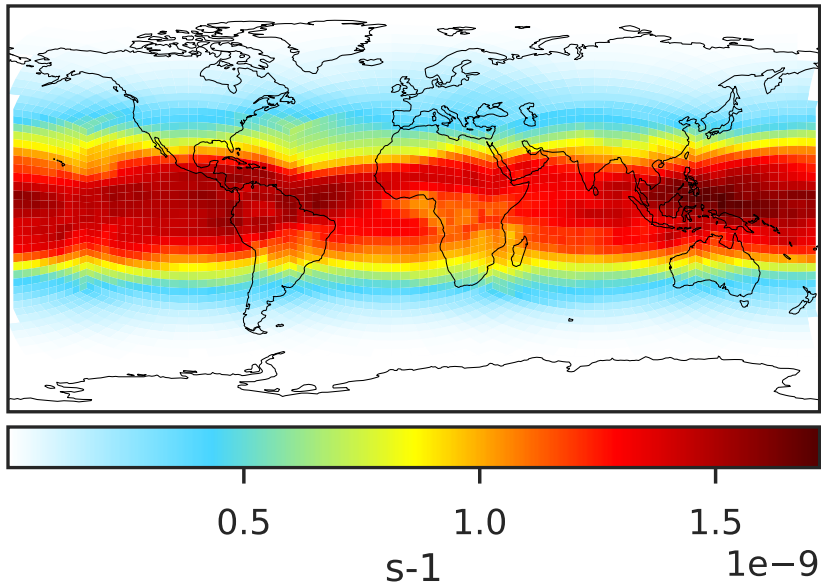


Ratio (1x1.25)
Dev/Ref, Fixed Range

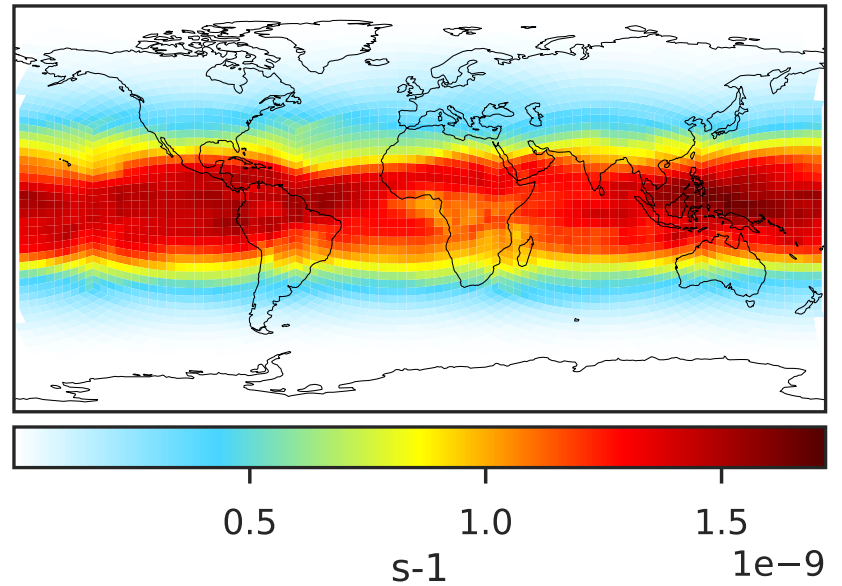


Jval_CH2Br2 (Apr2019)

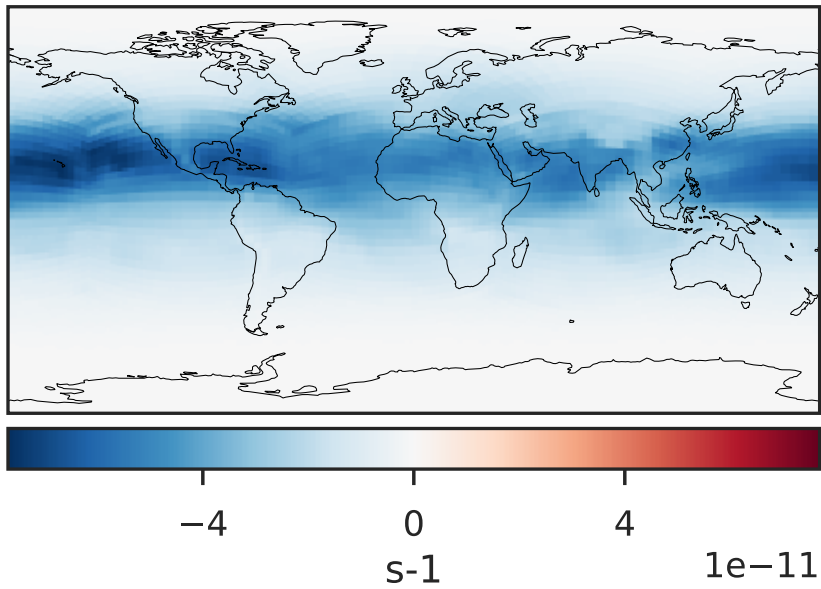
GCHP_14.0.0 (Ref)
c24



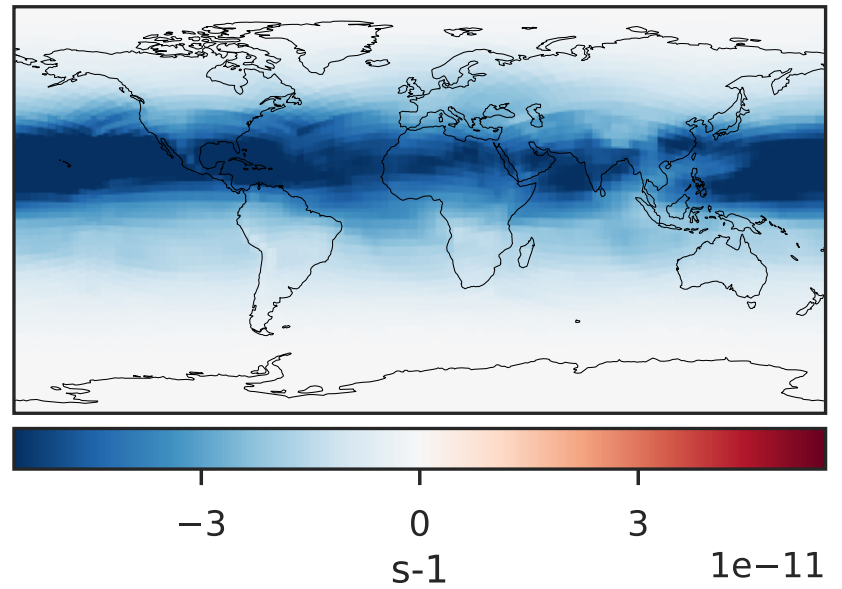
GCHP_14.2.0 (Dev)
c24



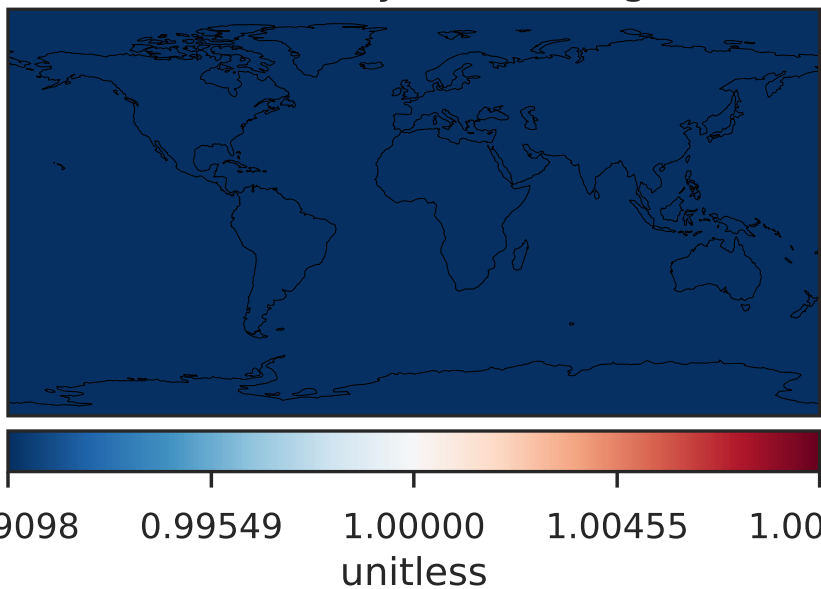
Difference (1x1.25)
Dev - Ref, Dynamic Range



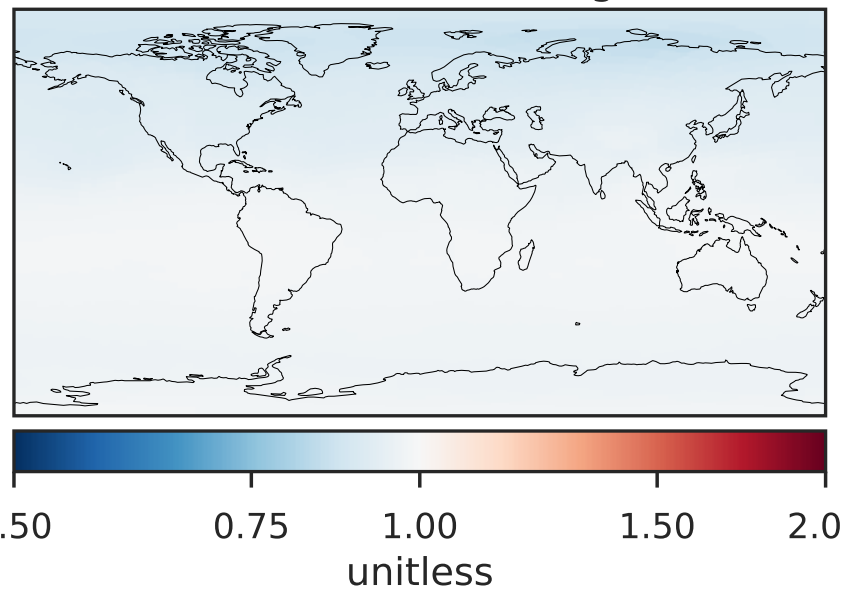
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

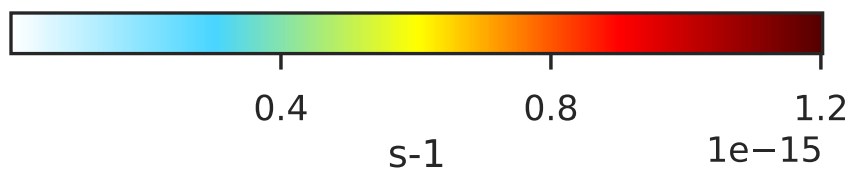
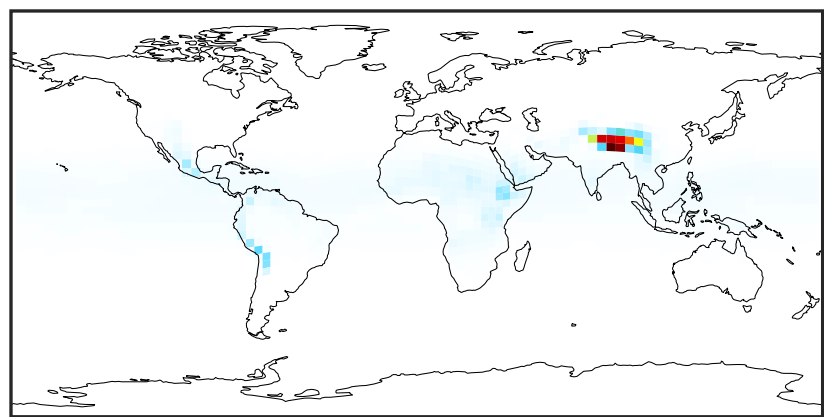


Ratio (1x1.25)
Dev/Ref, Fixed Range

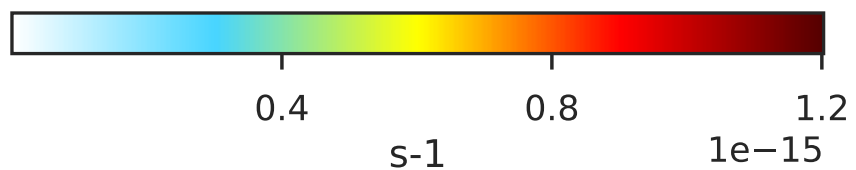
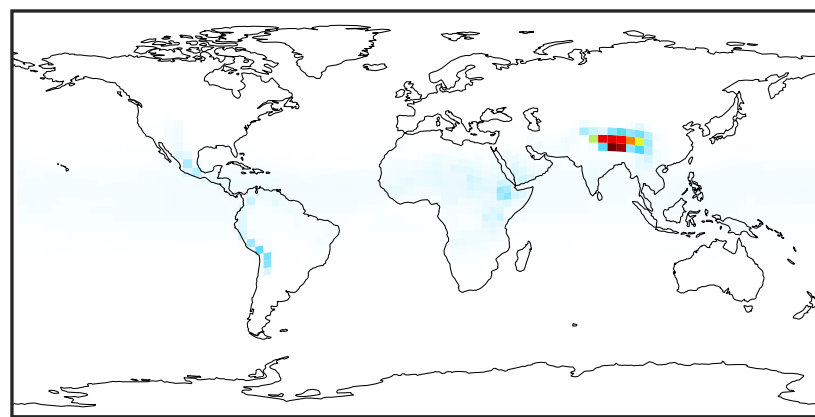


Jval_CH2Cl2 (Apr2019)

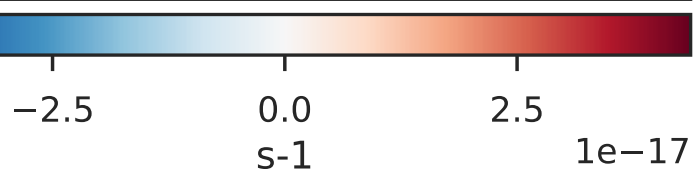
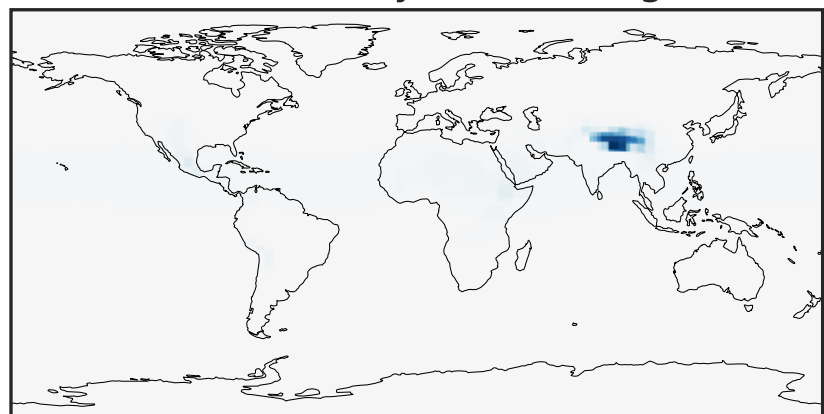
GCHP_14.0.0 (Ref)
c24



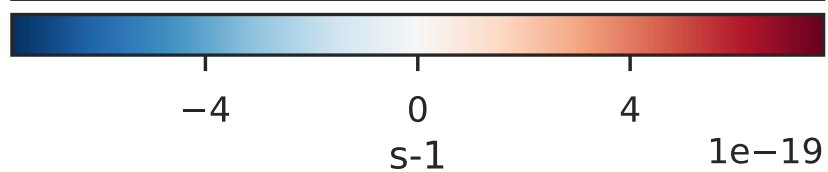
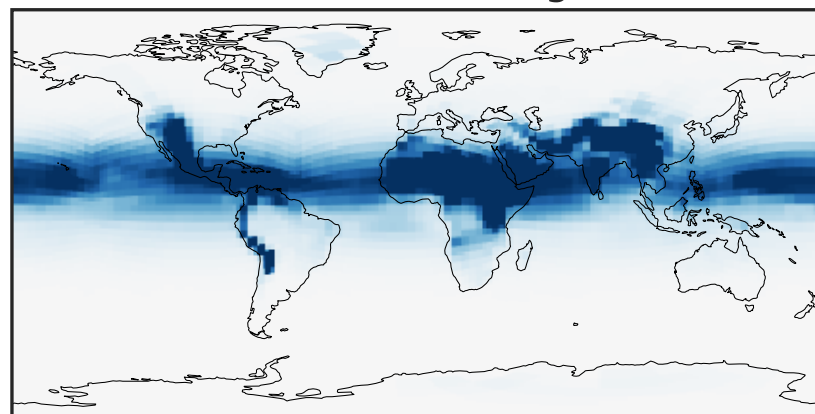
GCHP_14.2.0 (Dev)
c24



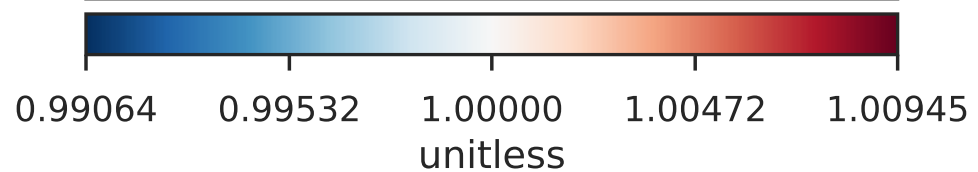
Difference (1x1.25)
Dev - Ref, Dynamic Range



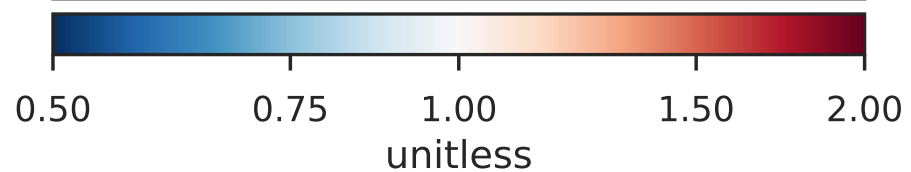
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

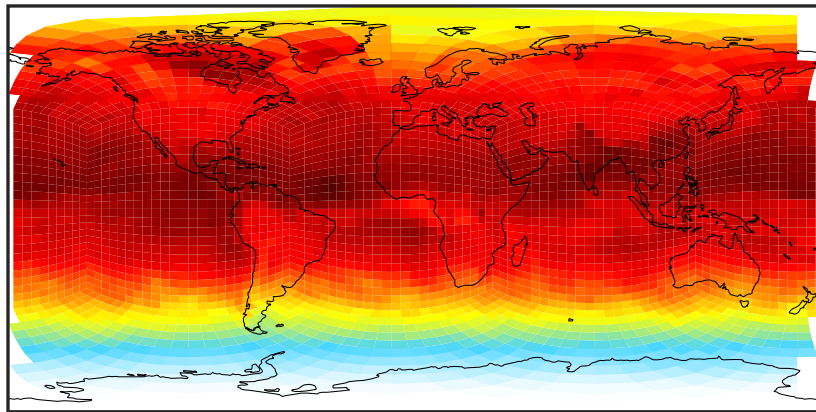


Ratio (1x1.25)
Dev/Ref, Fixed Range



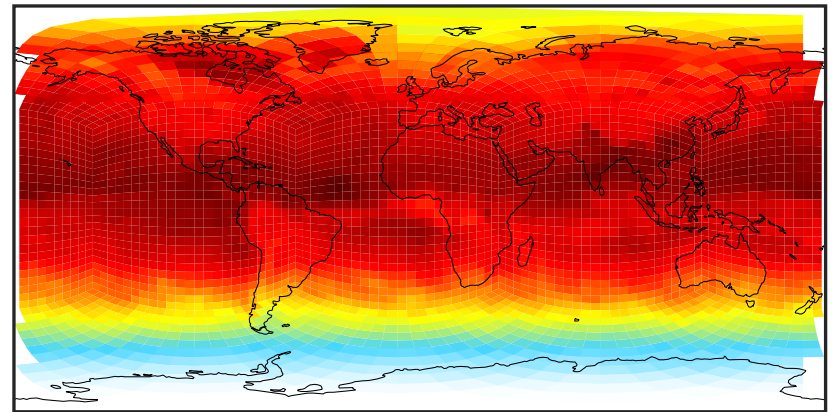
Jval_CH2I2 (Apr2019)

GCHP_14.0.0 (Ref)
c24



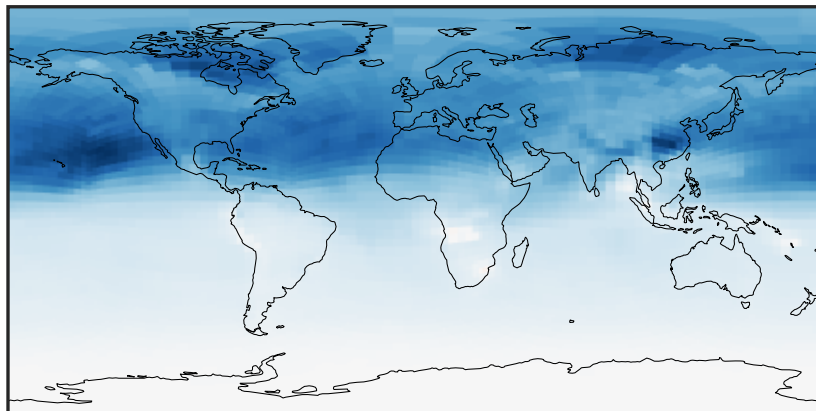
0.0015 0.0030 0.0045
s-1

GCHP_14.2.0 (Dev)
c24



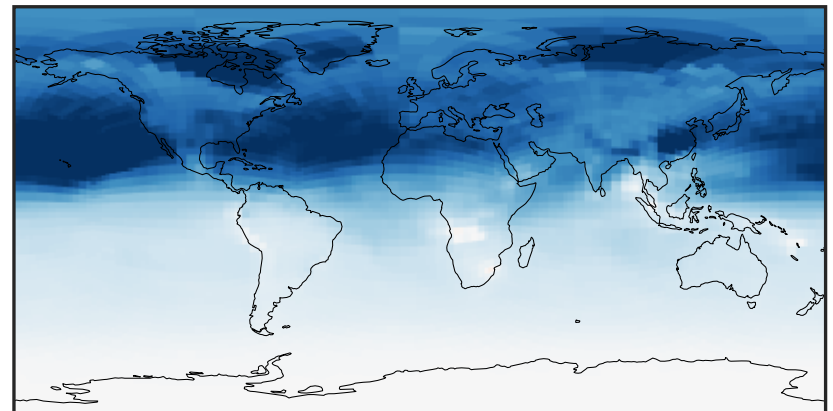
0.0015 0.0030 0.0045
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



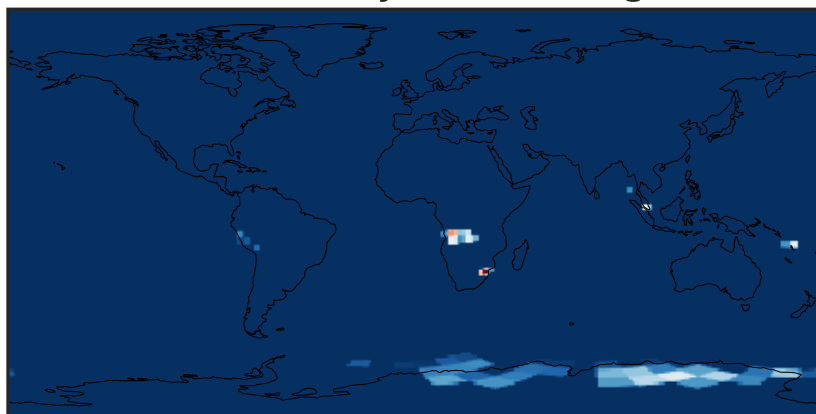
-2.5 0.0 2.5
s-1 1e-5

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



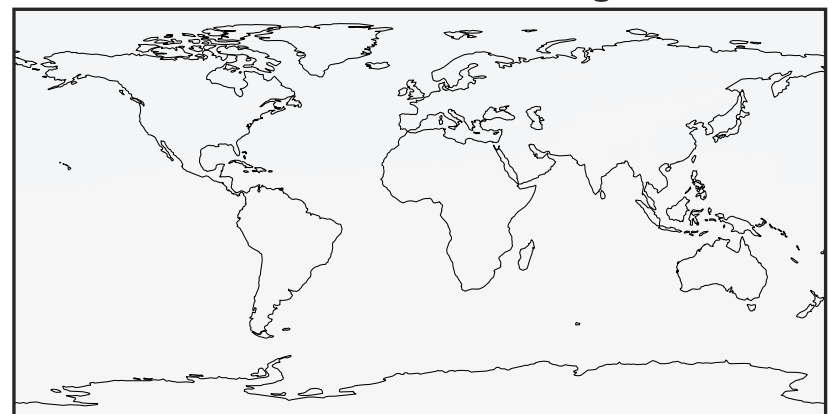
-2 0 2
s-1 1e-5

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.9995345 1.000000 1.0004658
unitless

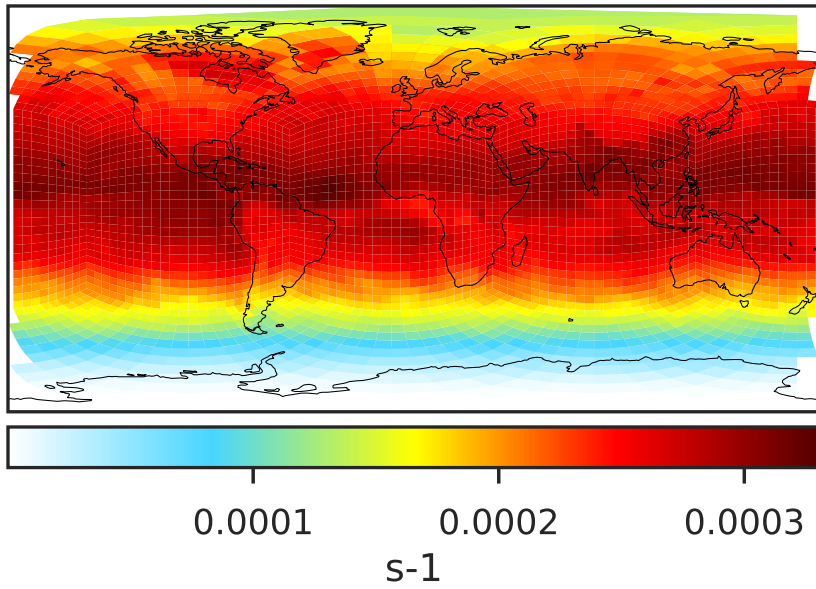
Ratio (1x1.25)
Dev/Ref, Fixed Range



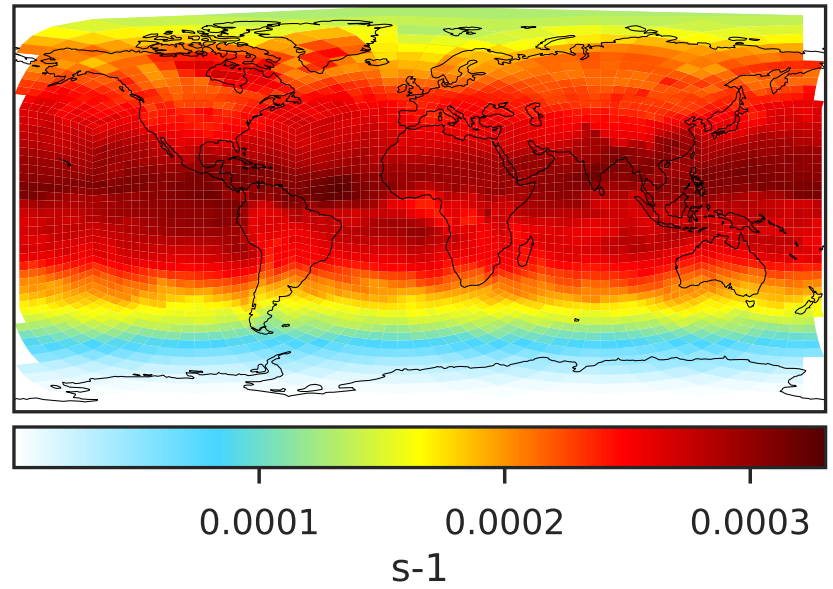
0.50 0.75 1.00 1.50 2.00
unitless

Jval_CH2IBr (Apr2019)

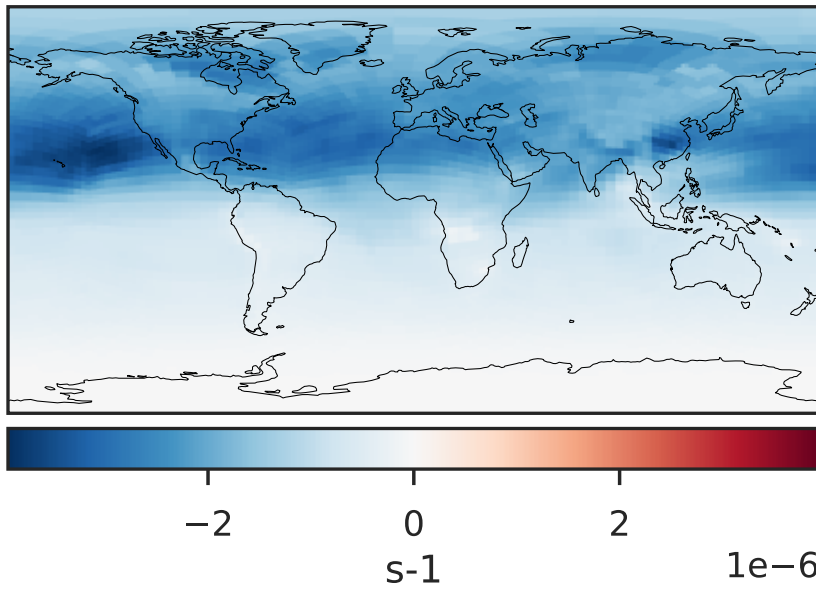
GCHP_14.0.0 (Ref)
c24



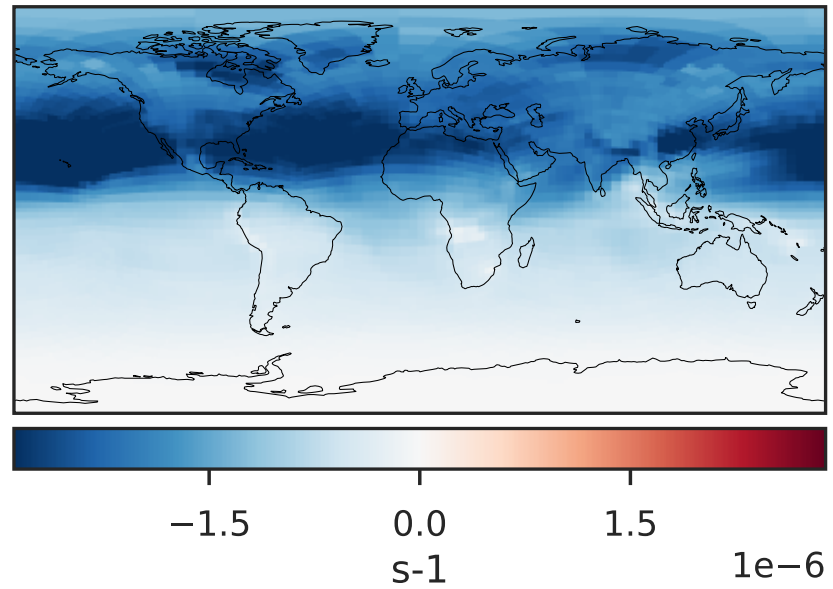
GCHP_14.2.0 (Dev)
c24



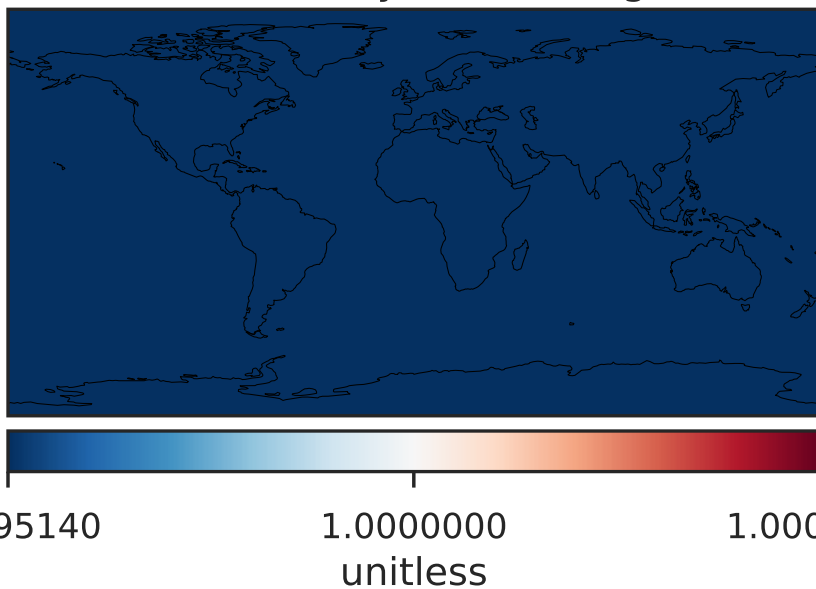
Difference (1x1.25)
Dev - Ref, Dynamic Range



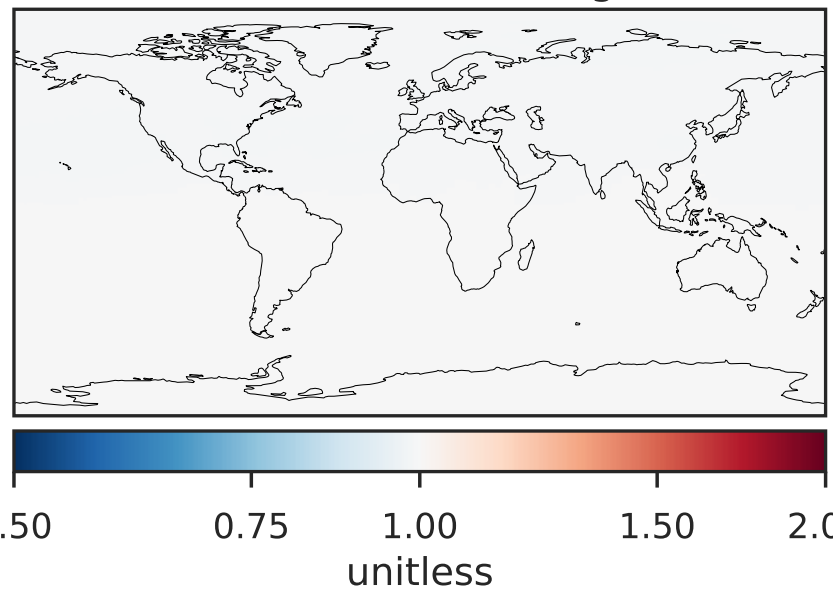
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

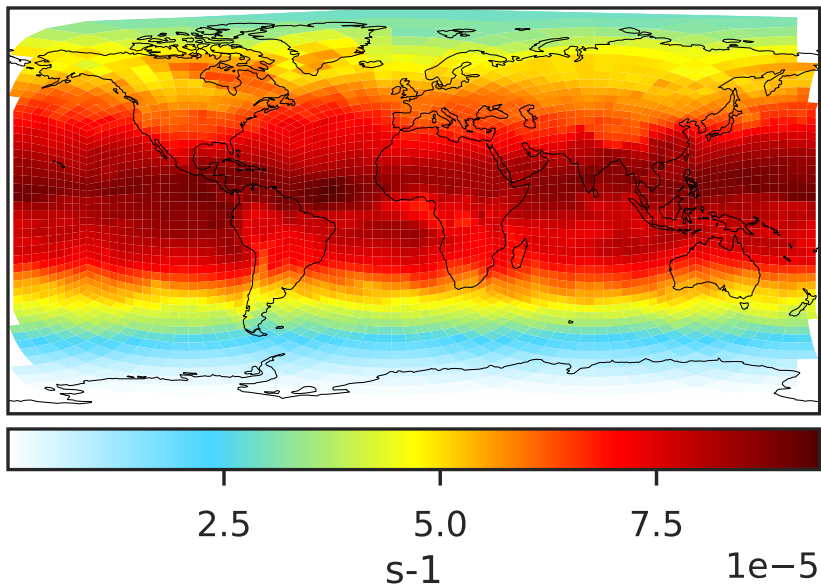


Ratio (1x1.25)
Dev/Ref, Fixed Range

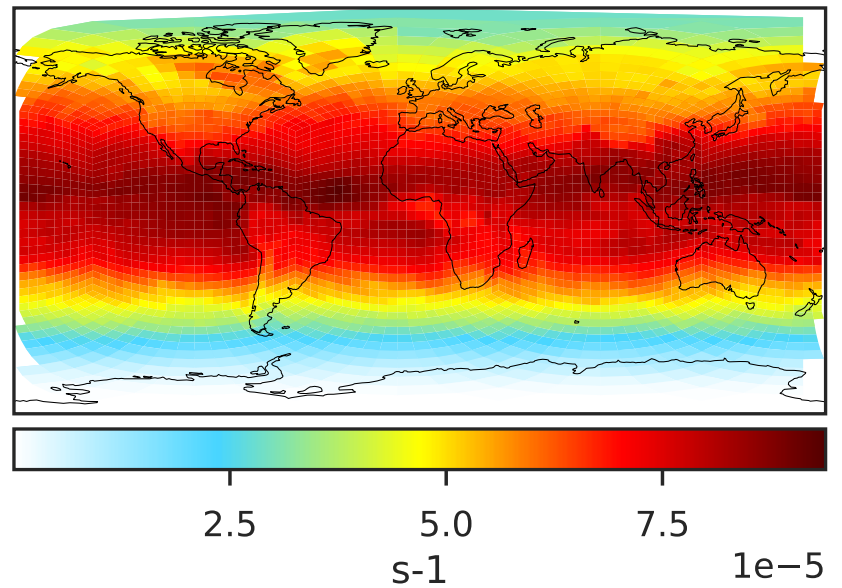


Jval_CH2ICI (Apr2019)

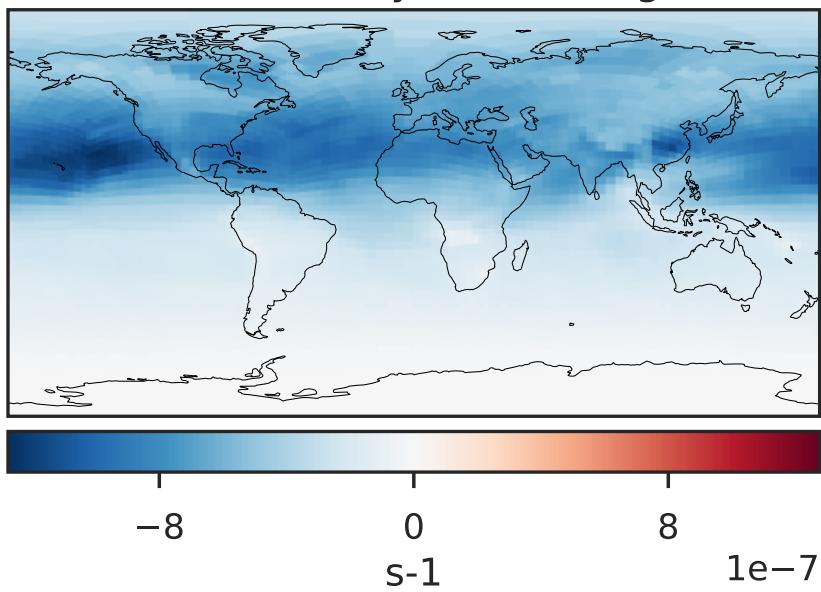
GCHP_14.0.0 (Ref)
c24



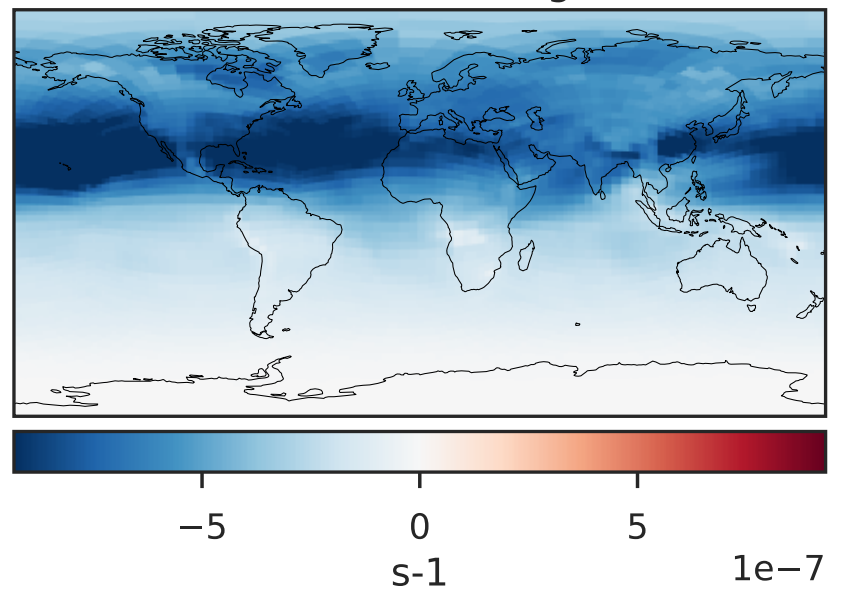
GCHP_14.2.0 (Dev)
c24



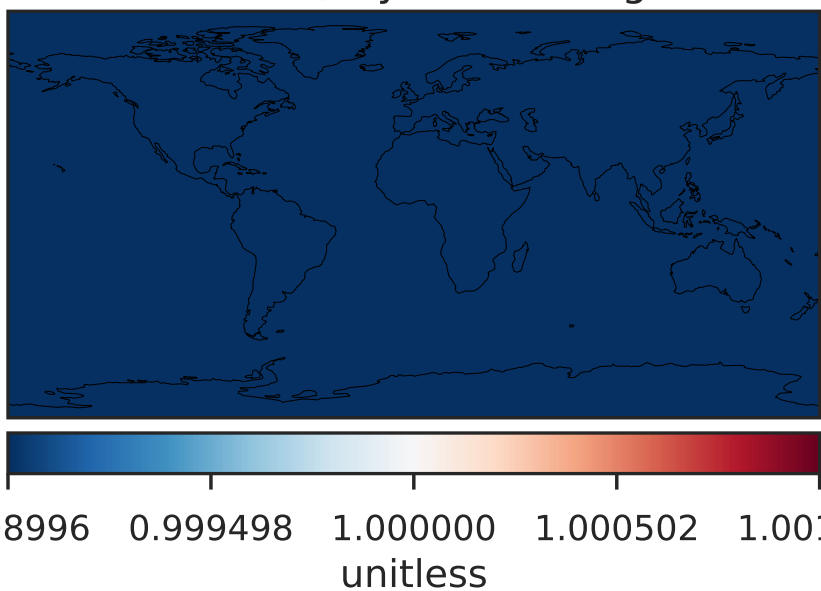
Difference (1x1.25)
Dev - Ref, Dynamic Range



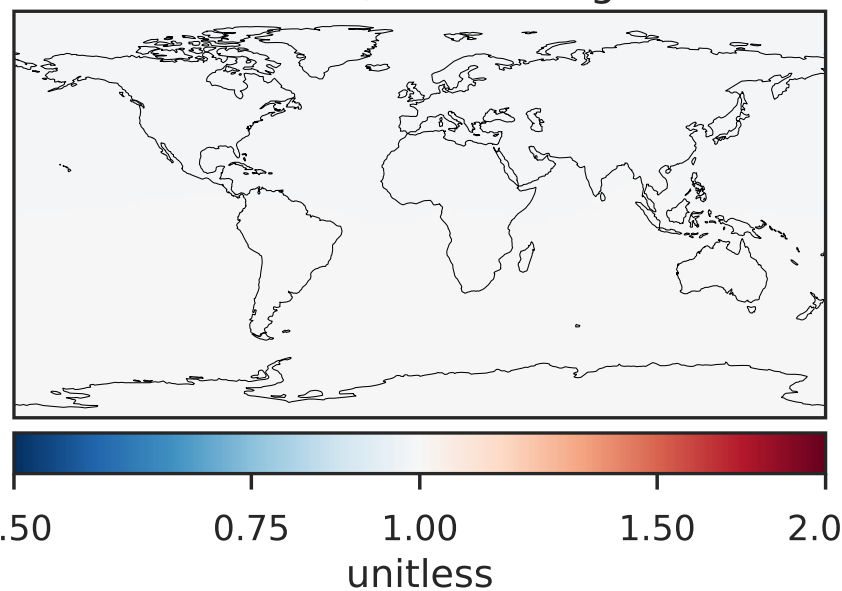
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

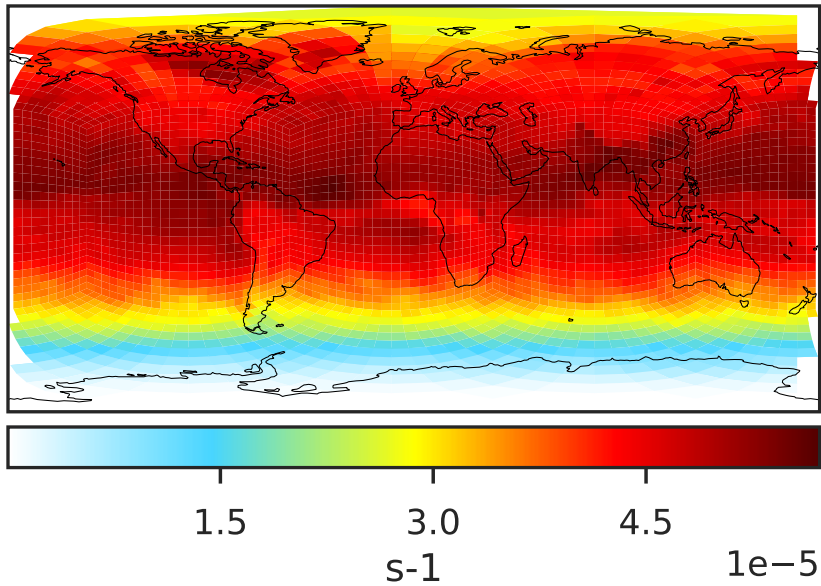


Ratio (1x1.25)
Dev/Ref, Fixed Range

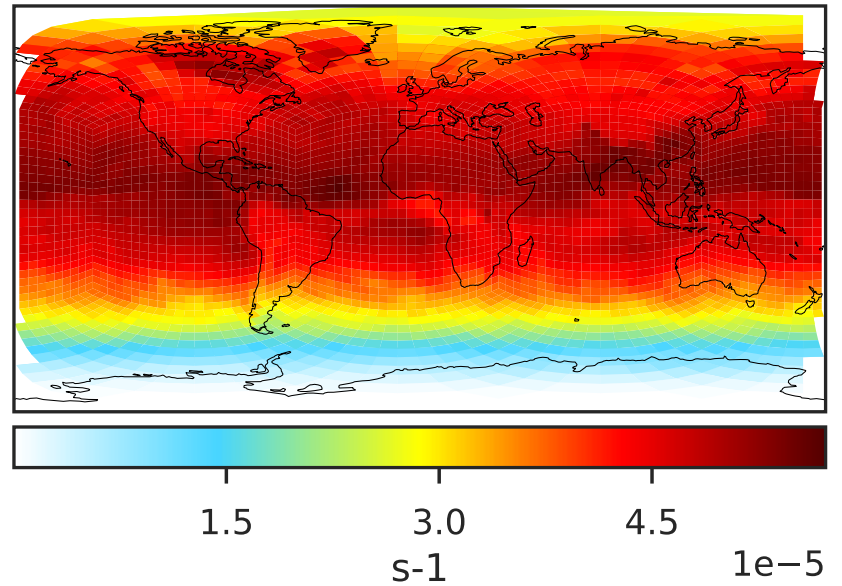


Jval_CH2O (Apr2019)

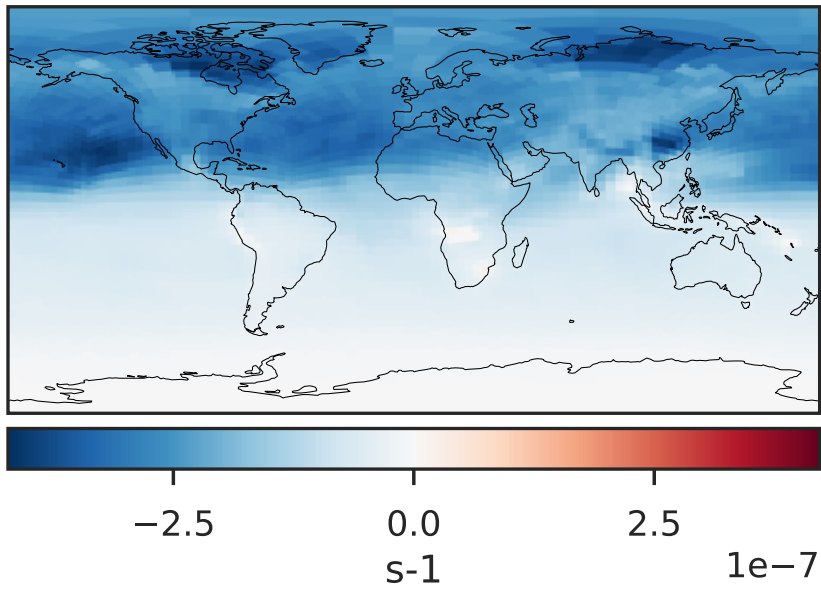
GCHP_14.0.0 (Ref)
c24



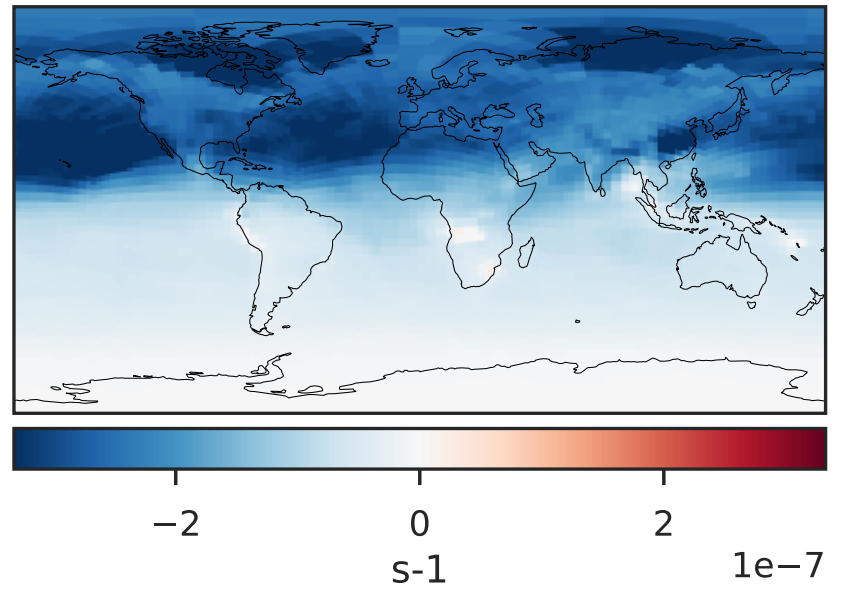
GCHP_14.2.0 (Dev)
c24



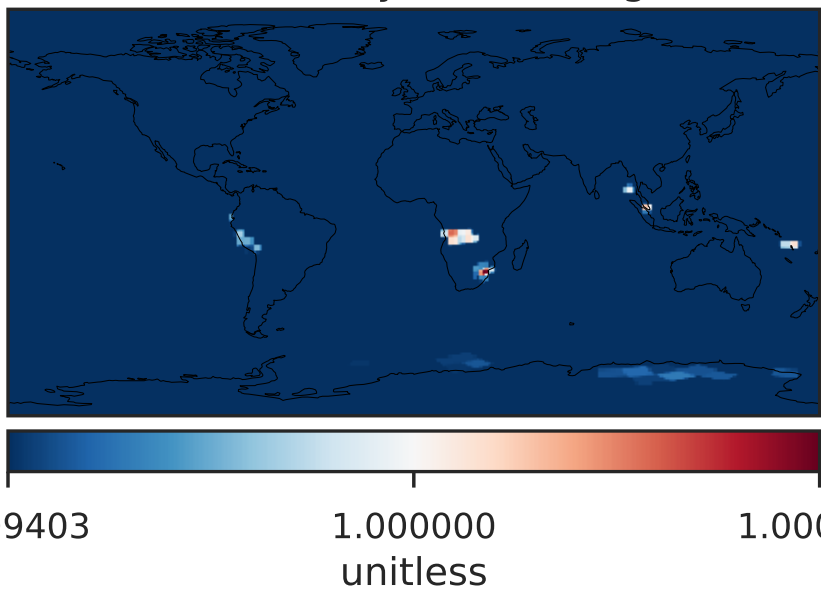
Difference (1x1.25)
Dev - Ref, Dynamic Range



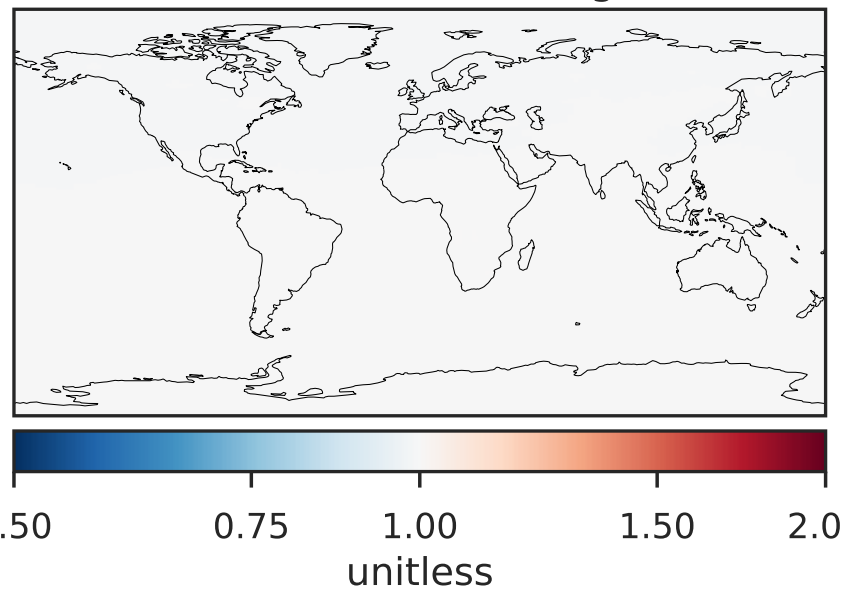
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

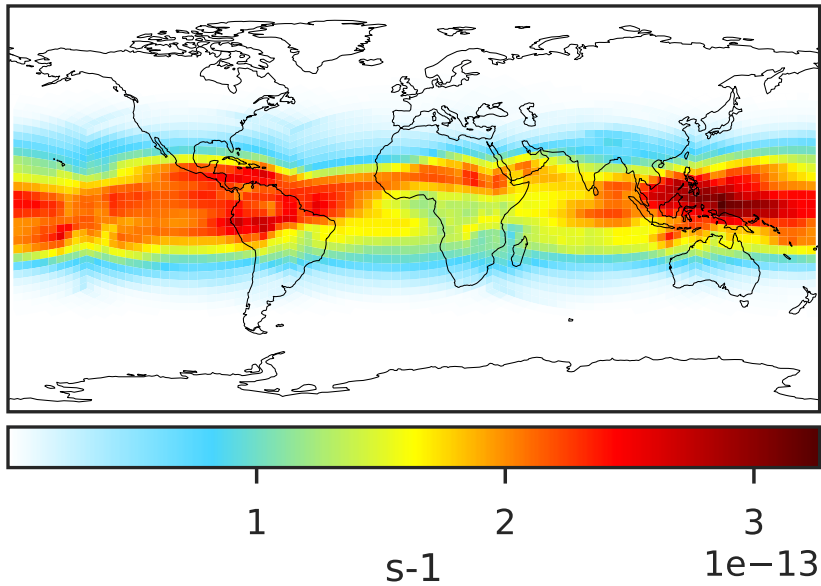


Ratio (1x1.25)
Dev/Ref, Fixed Range

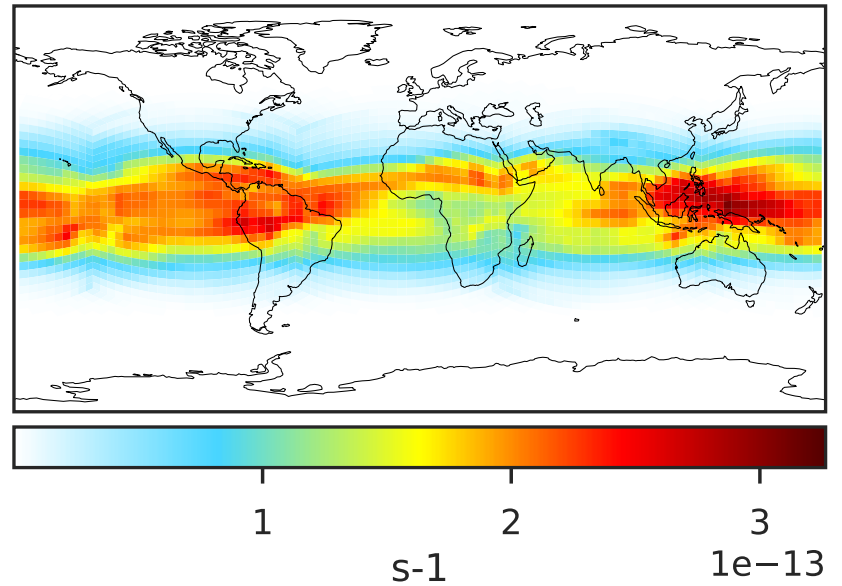


Jval_CH3Br (Apr2019)

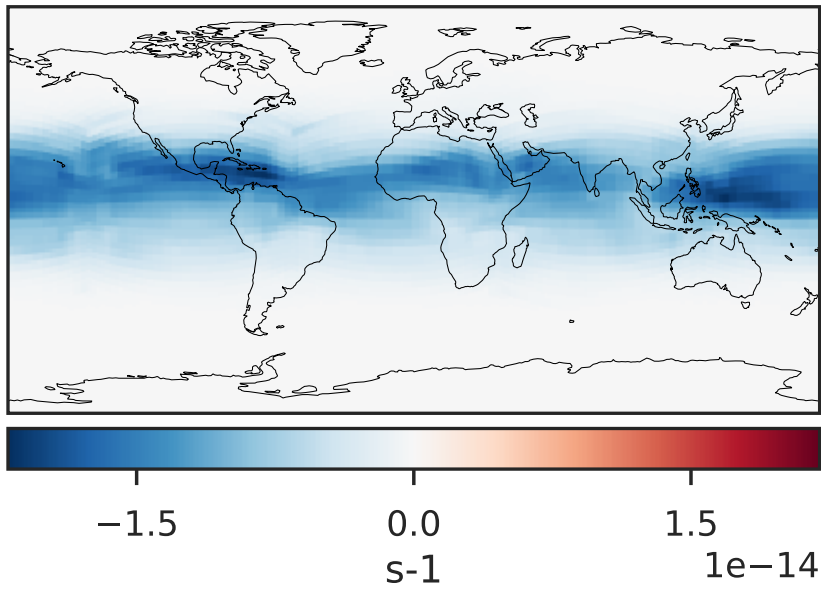
GCHP_14.0.0 (Ref)
c24



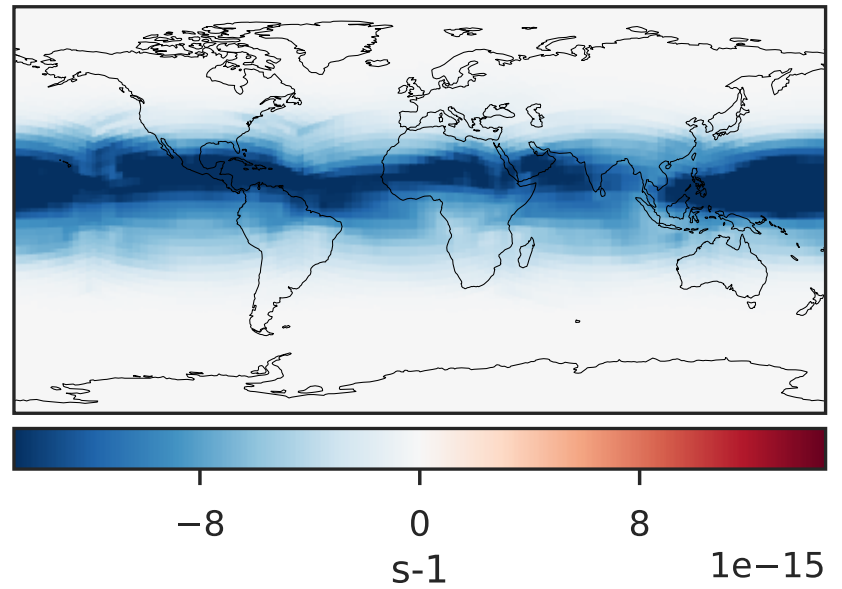
GCHP_14.2.0 (Dev)
c24



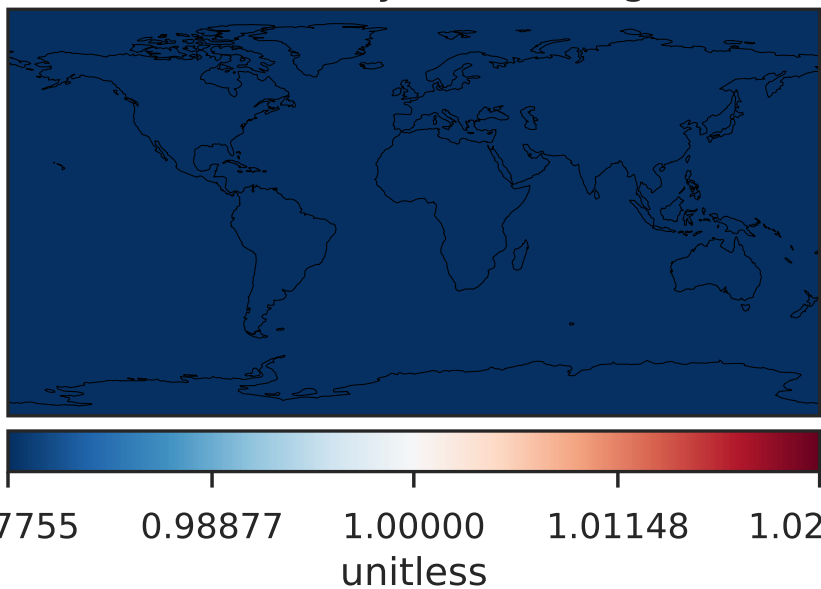
Difference (1x1.25)
Dev - Ref, Dynamic Range



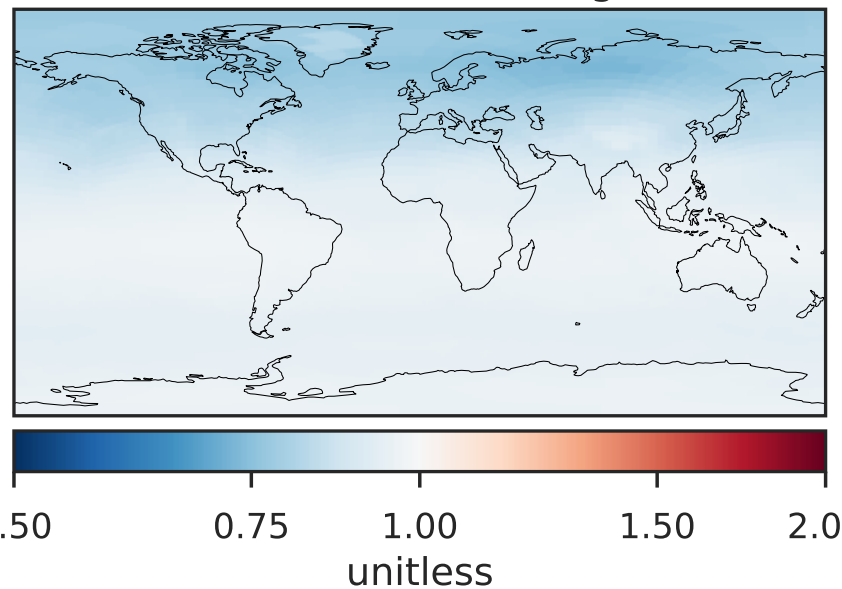
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

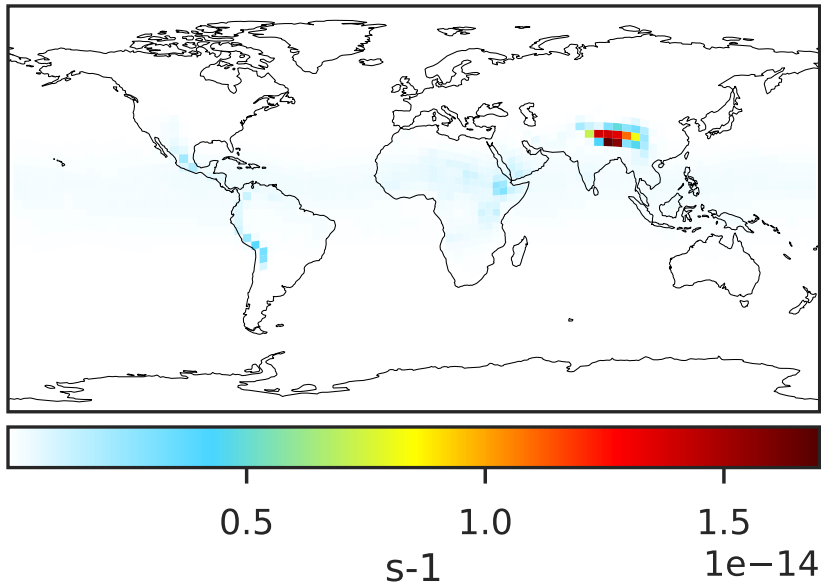


Ratio (1x1.25)
Dev/Ref, Fixed Range

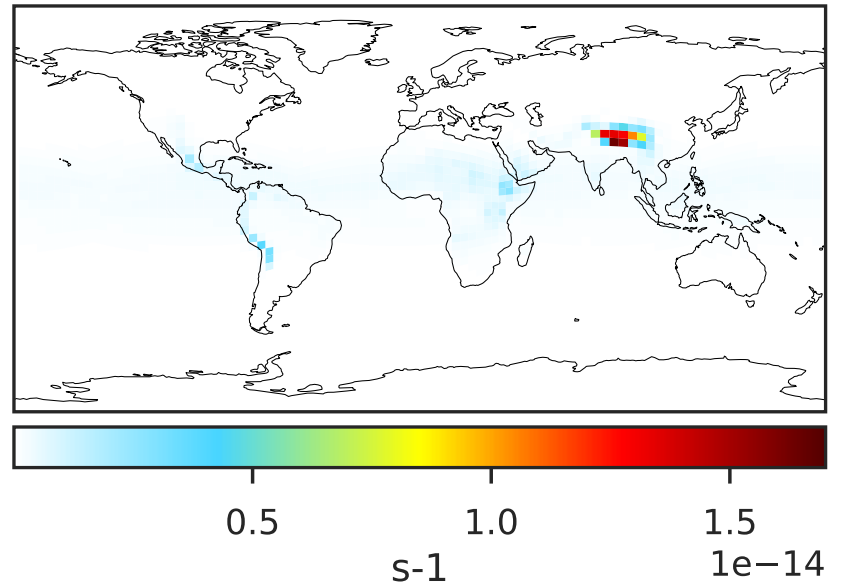


Jval_CH3CCI3 (Apr2019)

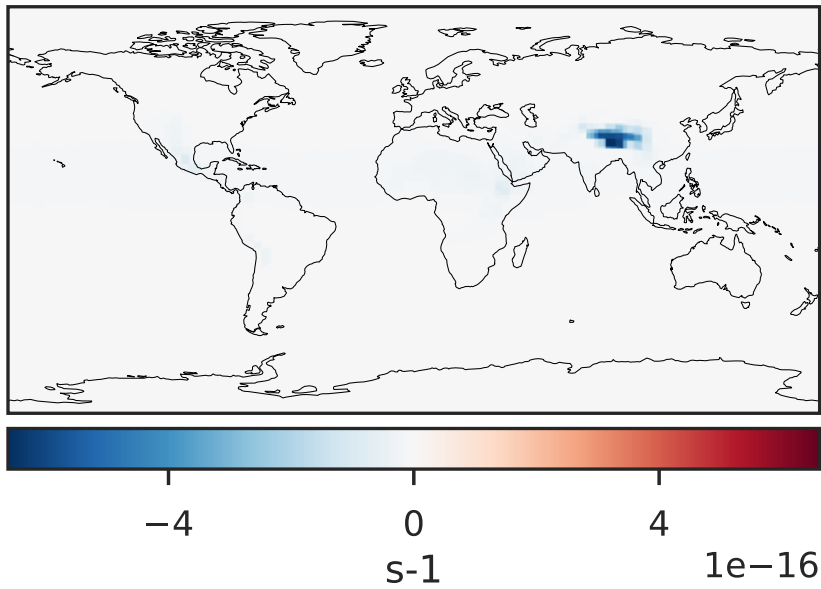
GCHP_14.0.0 (Ref)
c24



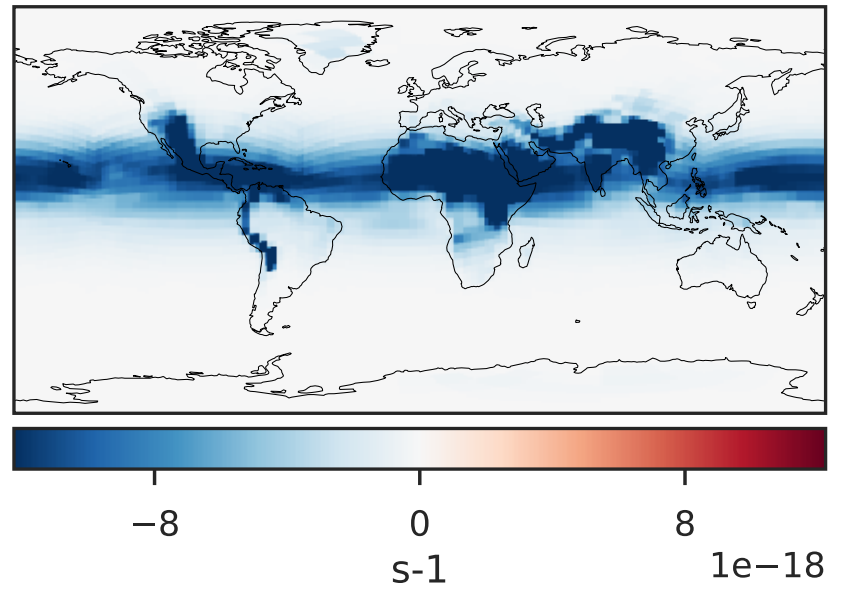
GCHP_14.2.0 (Dev)
c24



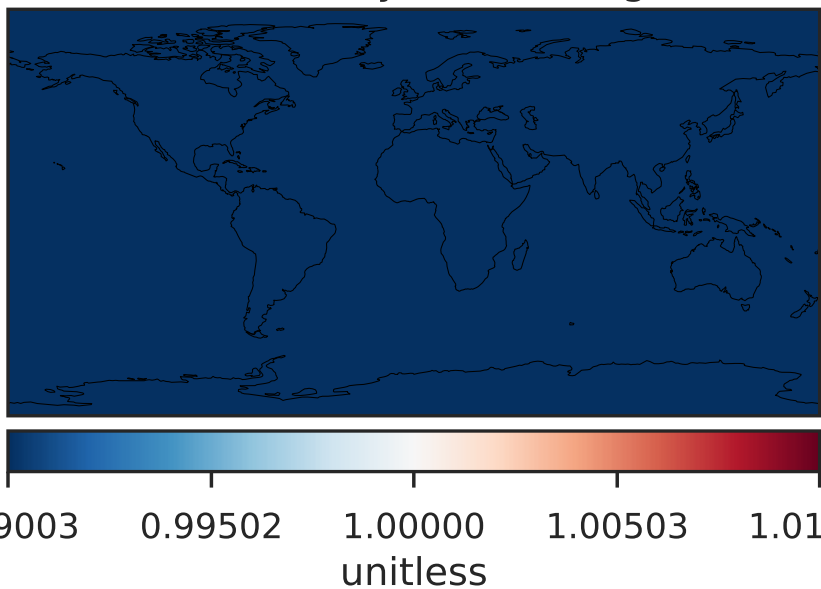
Difference (1x1.25)
Dev - Ref, Dynamic Range



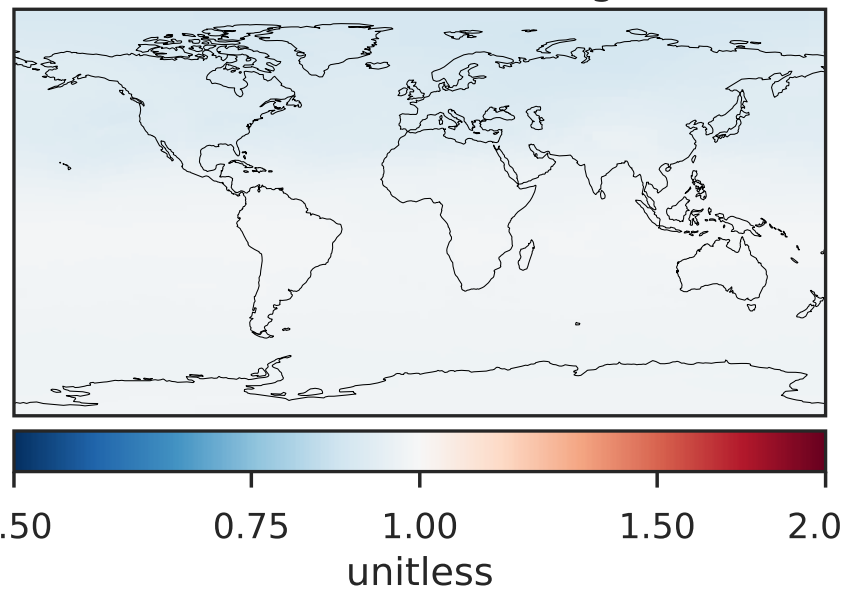
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

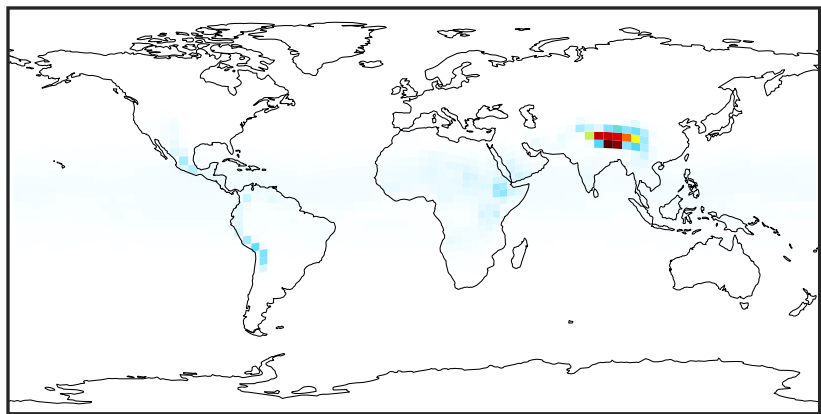


Ratio (1x1.25)
Dev/Ref, Fixed Range



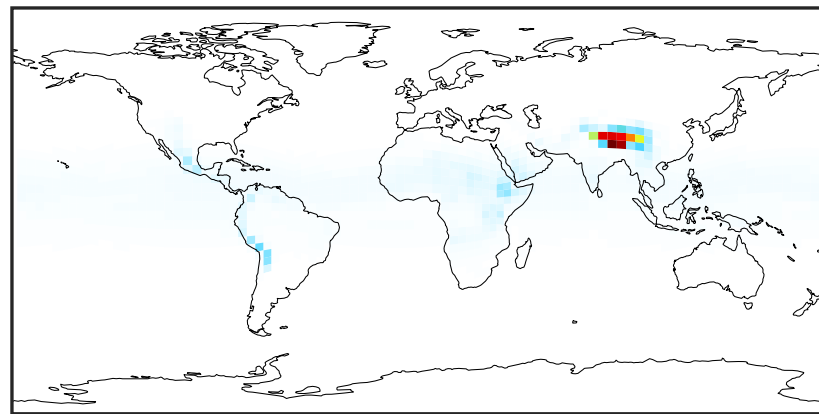
Jval_CH3Cl (Apr2019)

GCHP_14.0.0 (Ref)
c24



0.6 1.2 1.8
s-1 1e-16

GCHP_14.2.0 (Dev)
c24



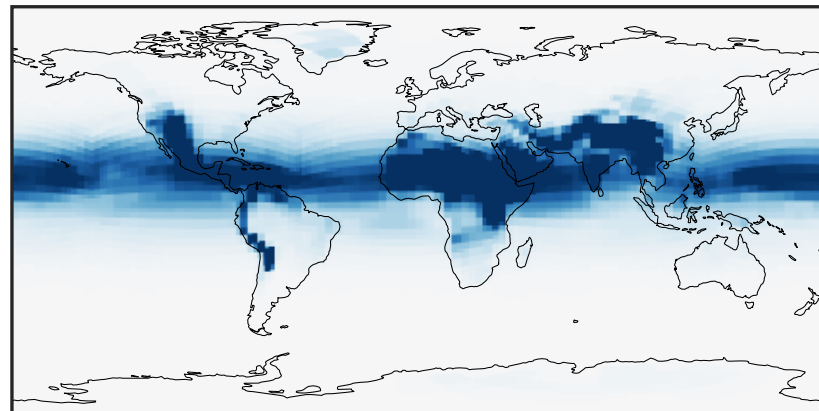
0.6 1.2 1.8
s-1 1e-16

Difference (1x1.25)
Dev - Ref, Dynamic Range



-4 0 4
s-1 1e-18

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



-6 0 6
s-1 1e-20

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.99094 0.99547 1.00000 1.00457 1.00915
unitless

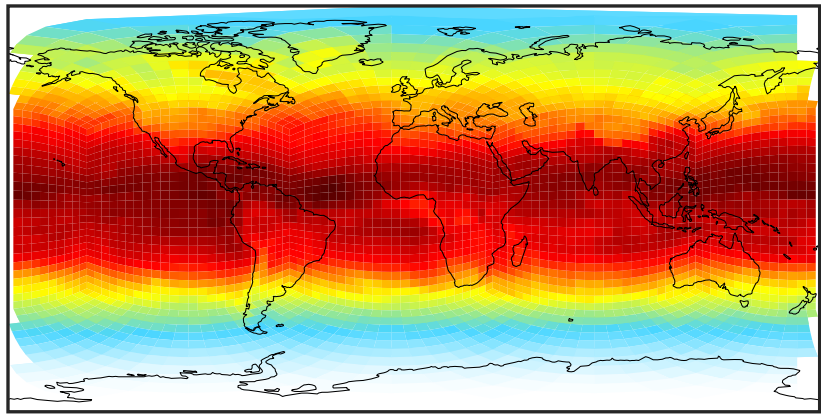
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

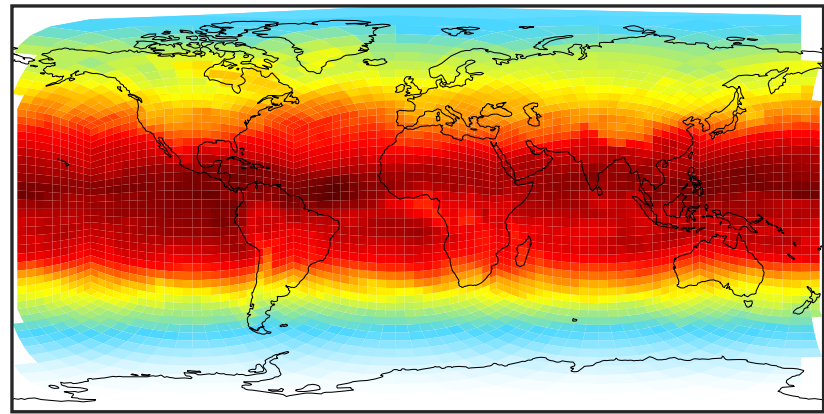
Jval_CH3I (Apr2019)

GCHP_14.0.0 (Ref)
c24



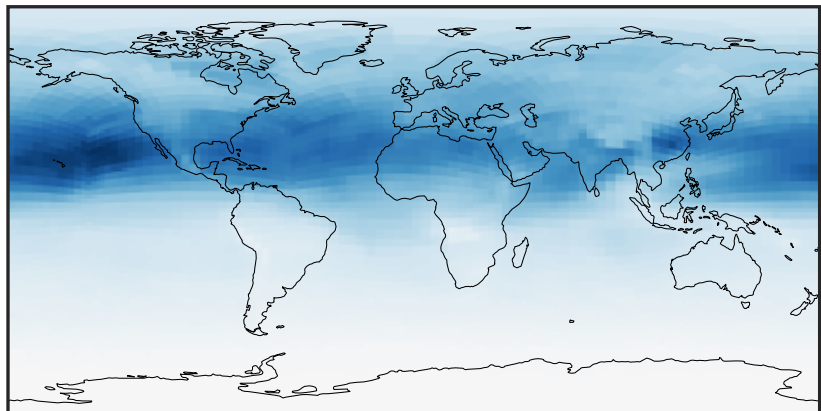
1.5 3.0
s-1 1e-6

GCHP_14.2.0 (Dev)
c24



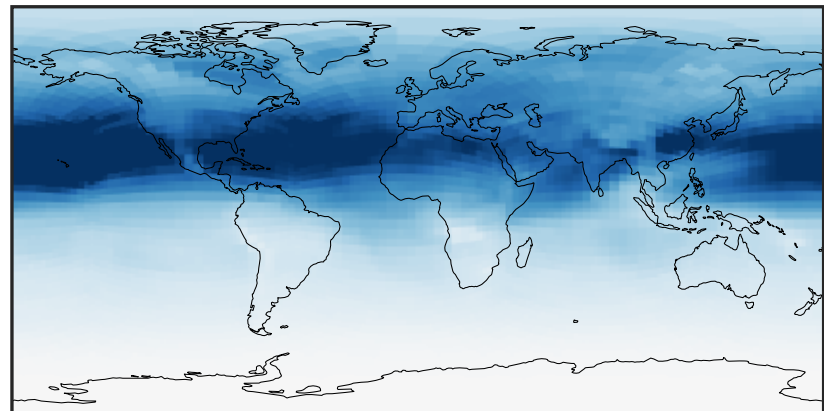
1.5 3.0
s-1 1e-6

Difference (1x1.25)
Dev - Ref, Dynamic Range



-4 0 4
s-1 1e-8

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



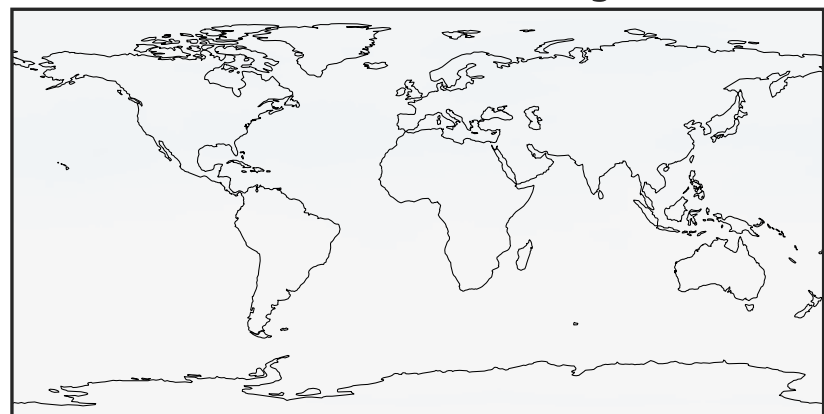
-3 0 3
s-1 1e-8

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.997844 0.998922 1.000000 1.001080 1.002160
unitless

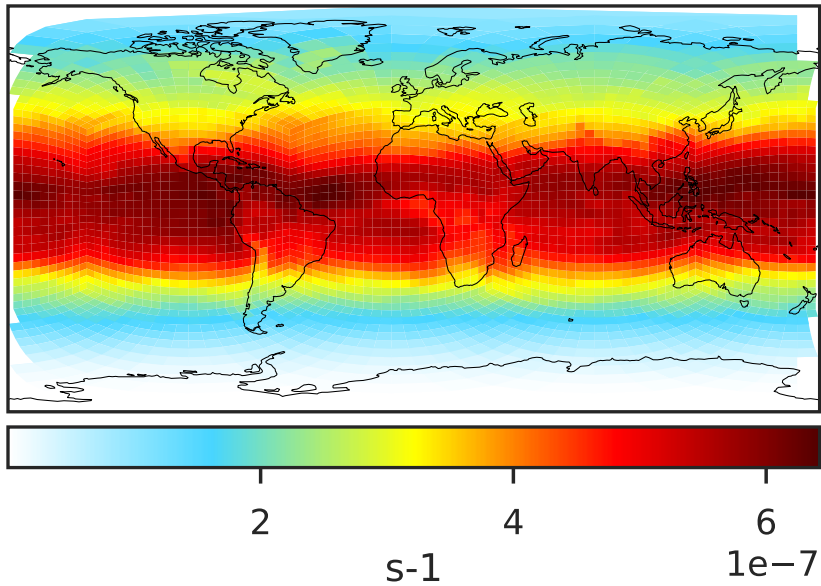
Ratio (1x1.25)
Dev/Ref, Fixed Range



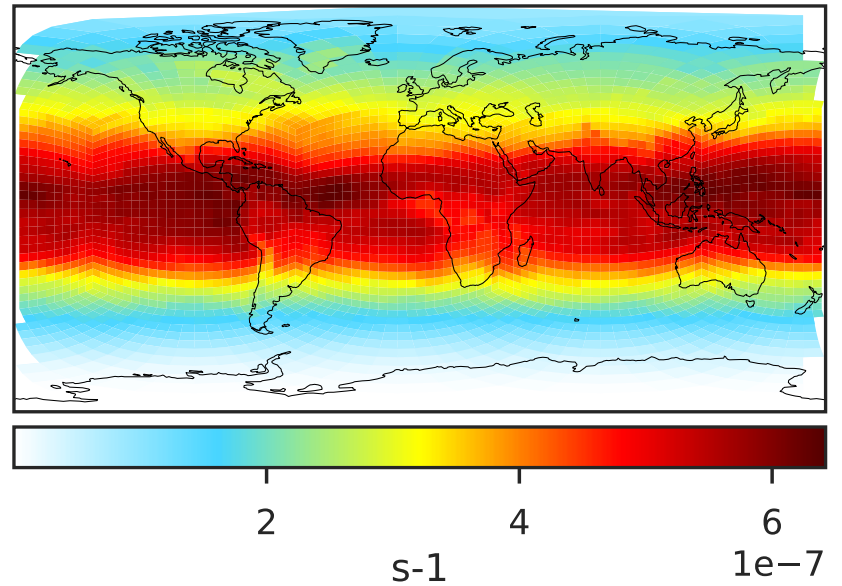
0.50 0.75 1.00 1.50 2.00
unitless

Jval_CHBr3 (Apr2019)

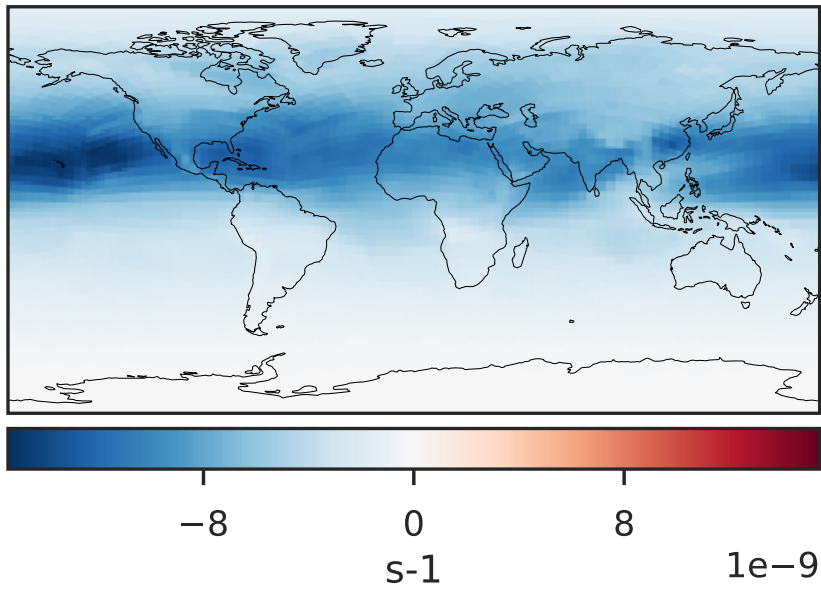
GCHP_14.0.0 (Ref)
c24



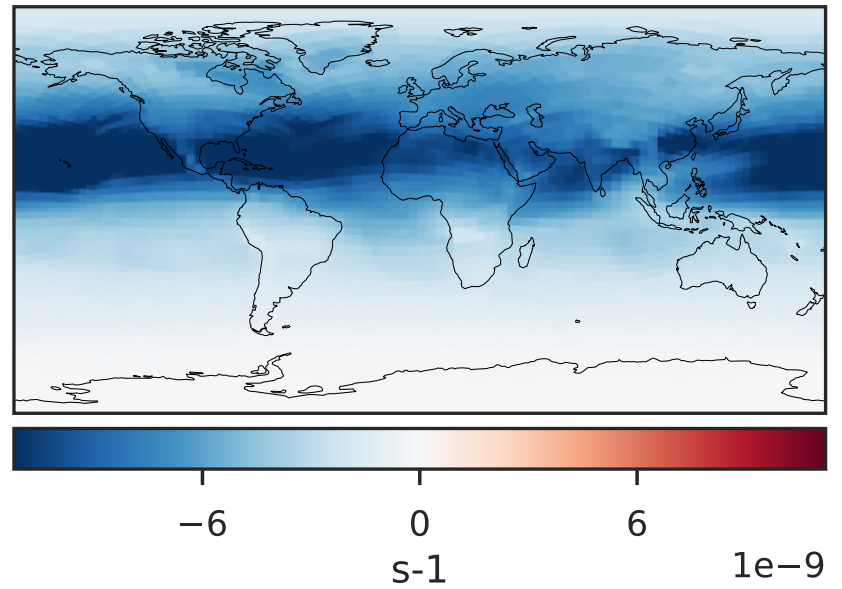
GCHP_14.2.0 (Dev)
c24



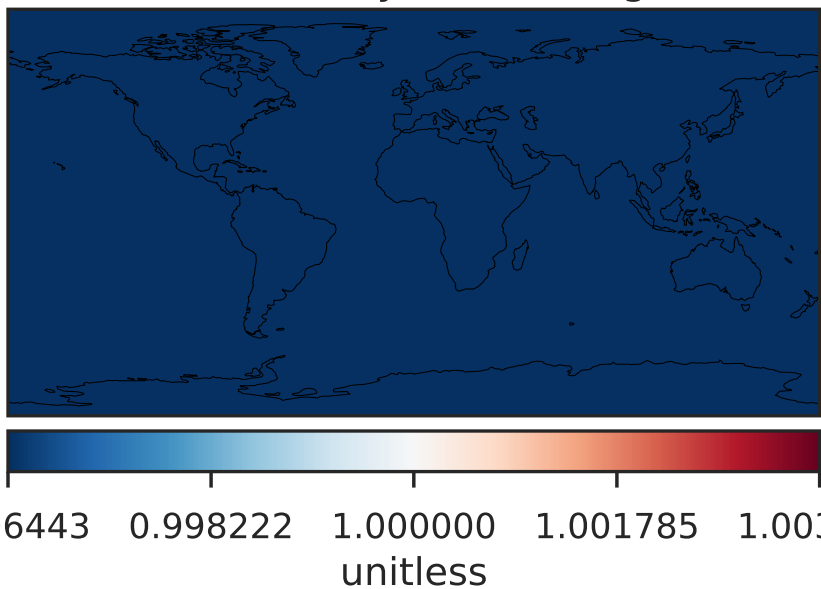
Difference (1x1.25)
Dev - Ref, Dynamic Range



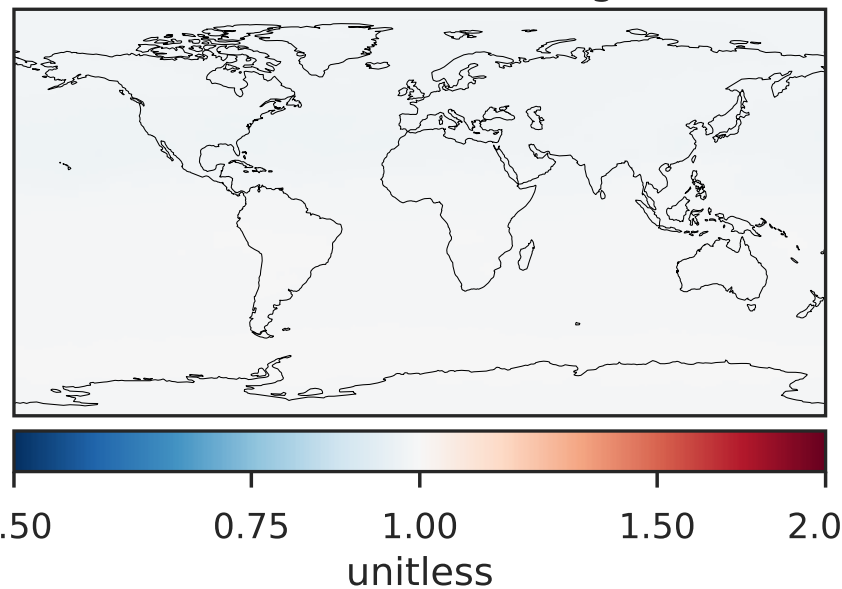
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range



Ratio (1x1.25)
Dev/Ref, Fixed Range



Jval_CHCl3 (Apr2019)

GCHP_14.0.0 (Ref)
c24



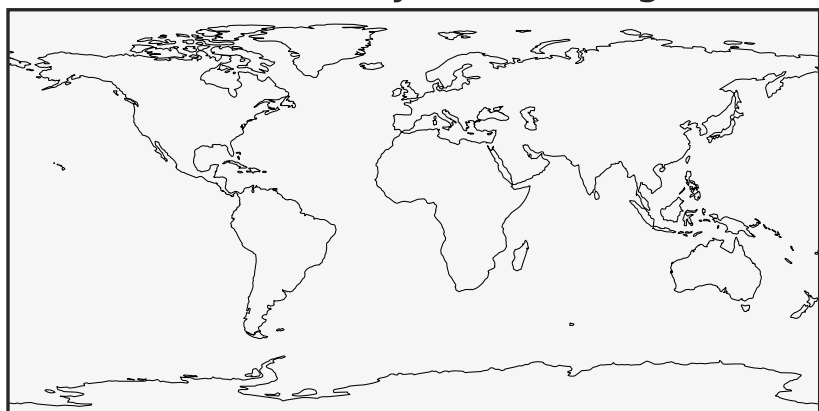
Zero throughput domain
s-1

GCHP_14.2.0 (Dev)
c24



Zero throughput domain
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



Zero throughput domain
s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



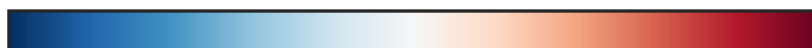
Zero throughput domain
s-1

Ratio (1x1.25)
Dev/Ref, Dynamic Range



Undefined throughput domain
unitless

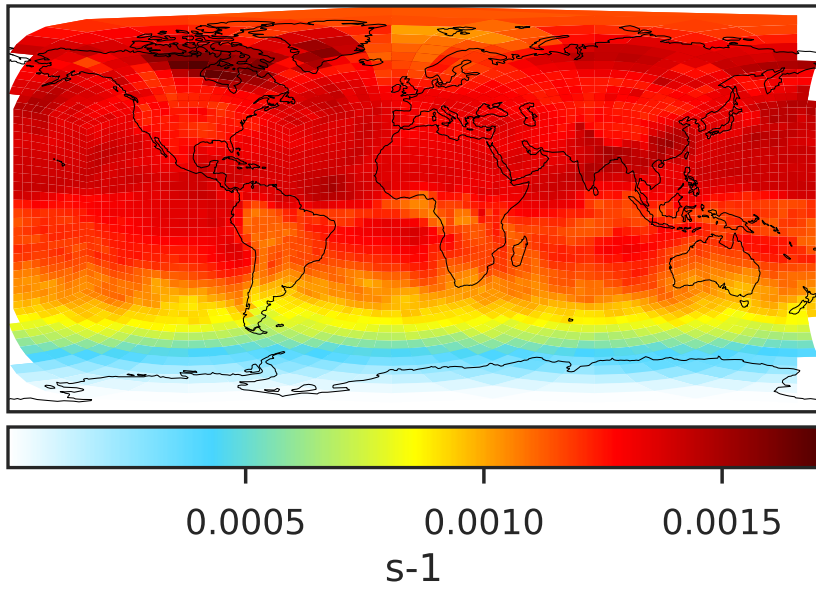
Ratio (1x1.25)
Dev/Ref, Fixed Range



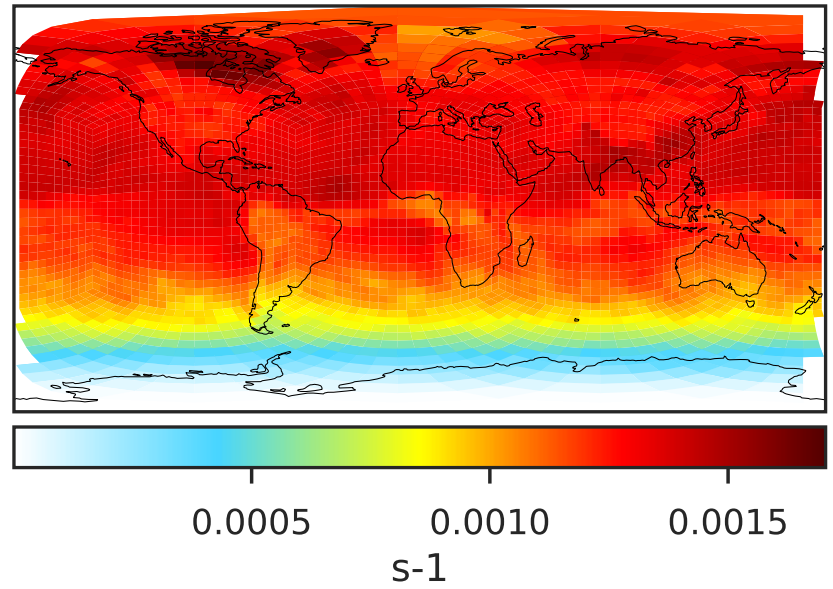
Undefined throughput domain
unitless

Jval_CI2 (Apr2019)

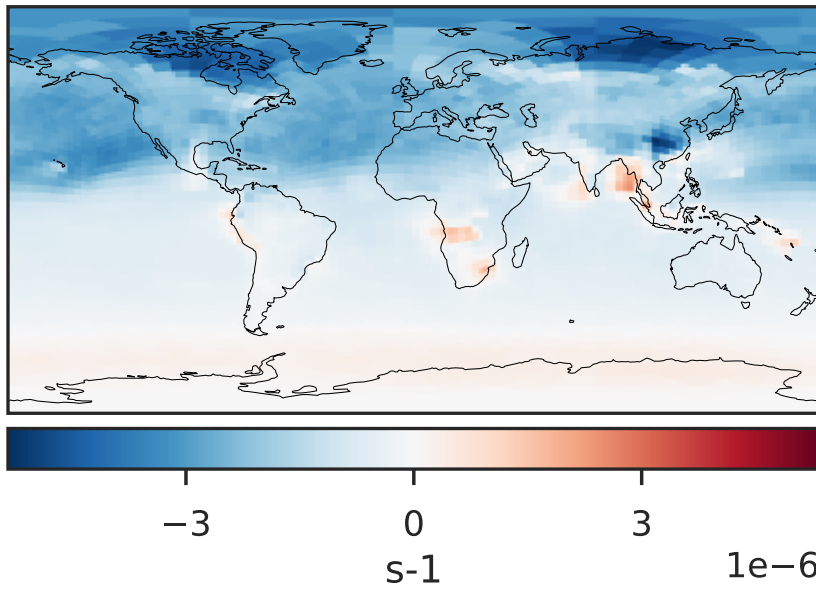
GCHP_14.0.0 (Ref)
c24



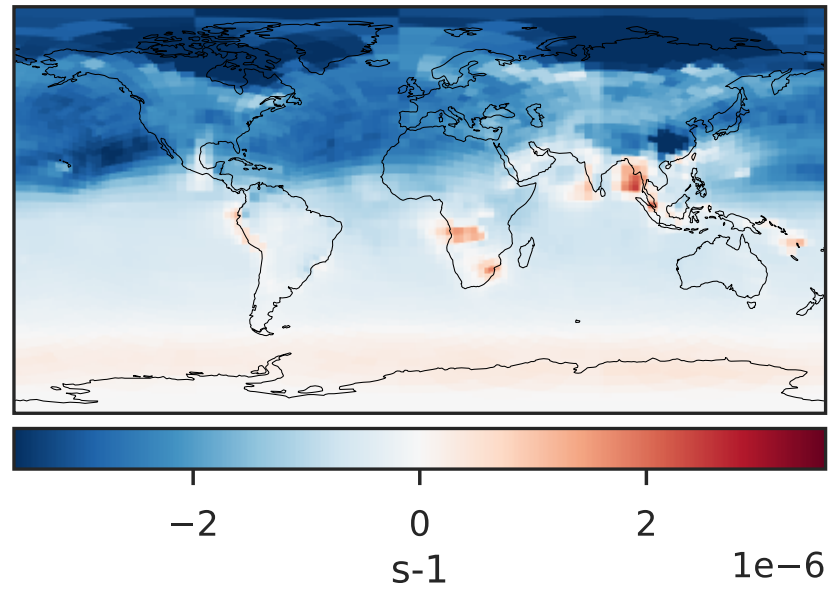
GCHP_14.2.0 (Dev)
c24



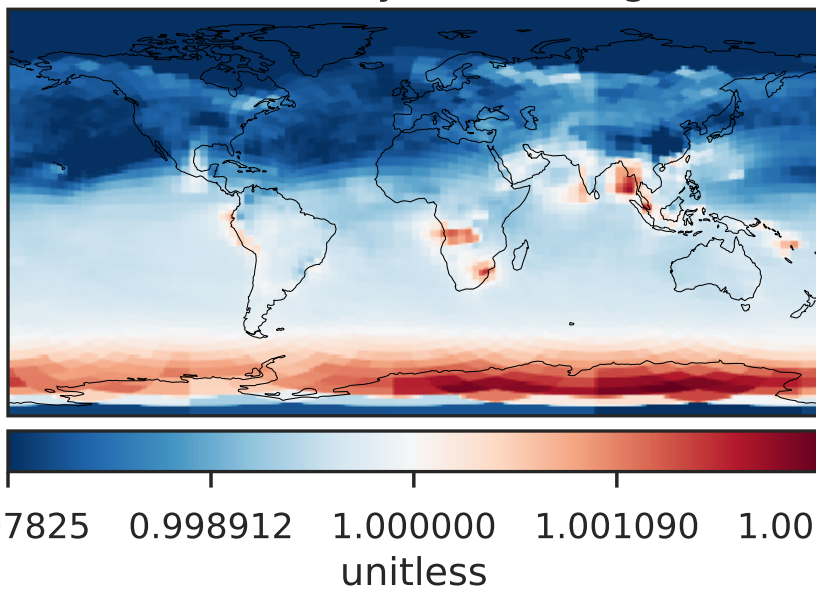
Difference (1x1.25)
Dev - Ref, Dynamic Range



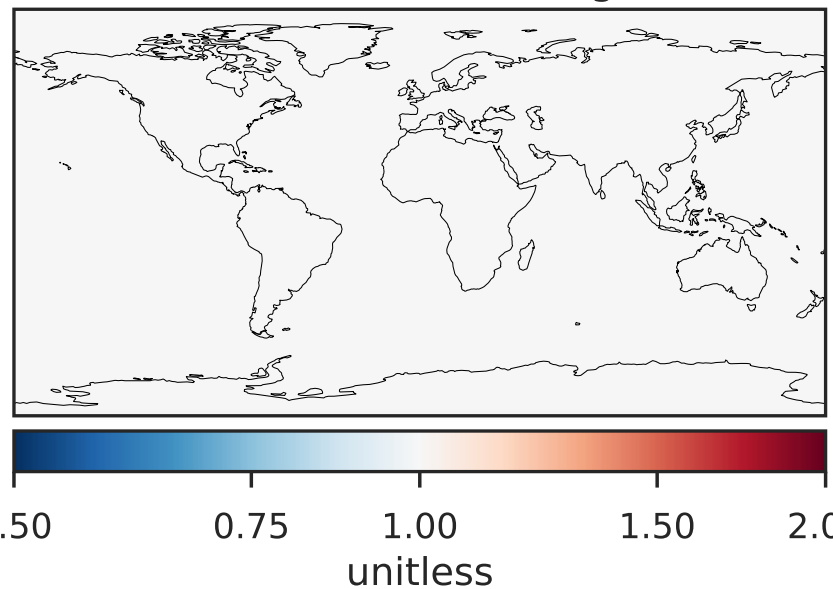
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

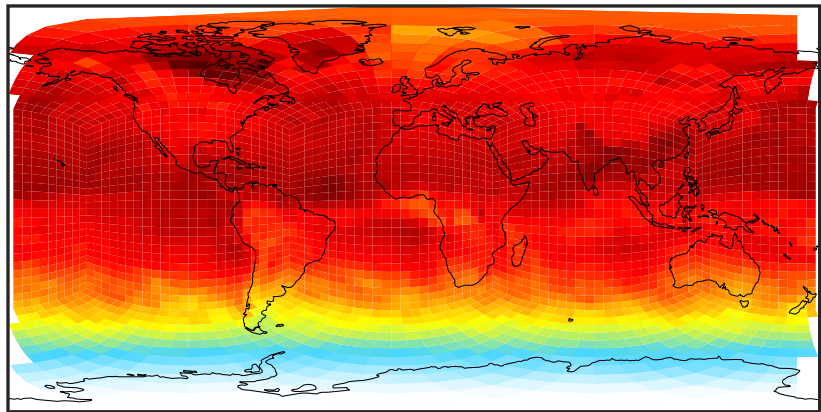


Ratio (1x1.25)
Dev/Ref, Fixed Range



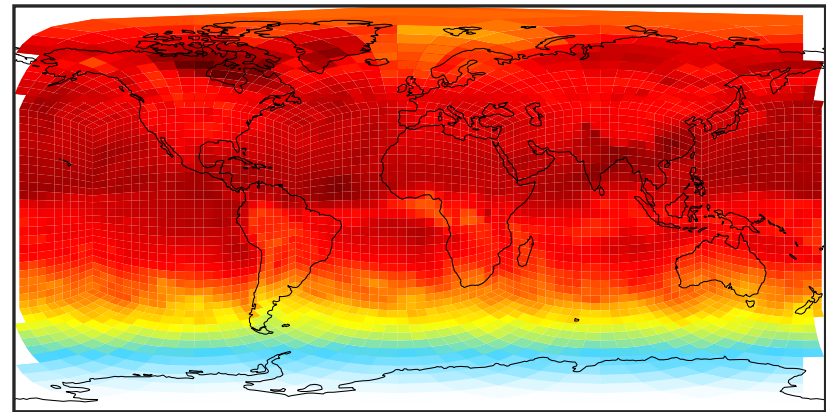
Jval_CI202 (Apr2019)

GCHP_14.0.0 (Ref)
c24



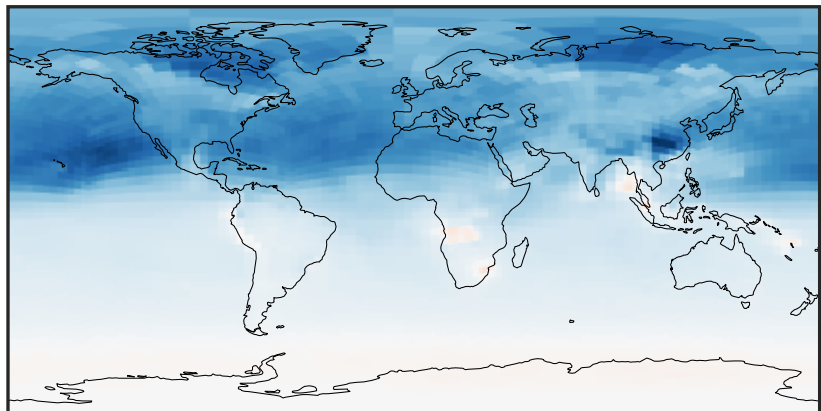
0.0004 0.0008 0.0012
s-1

GCHP_14.2.0 (Dev)
c24



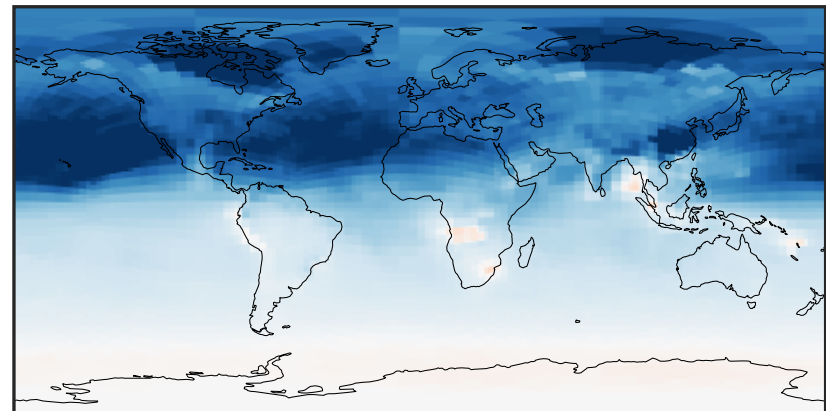
0.0004 0.0008 0.0012
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



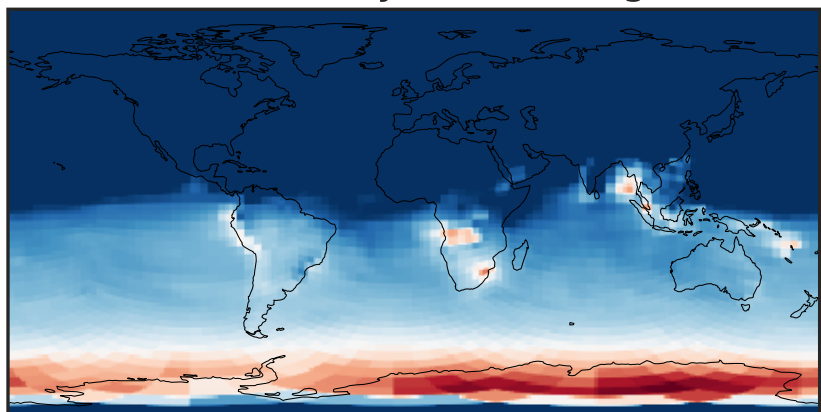
-4 0 4
s-1 1e-6

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



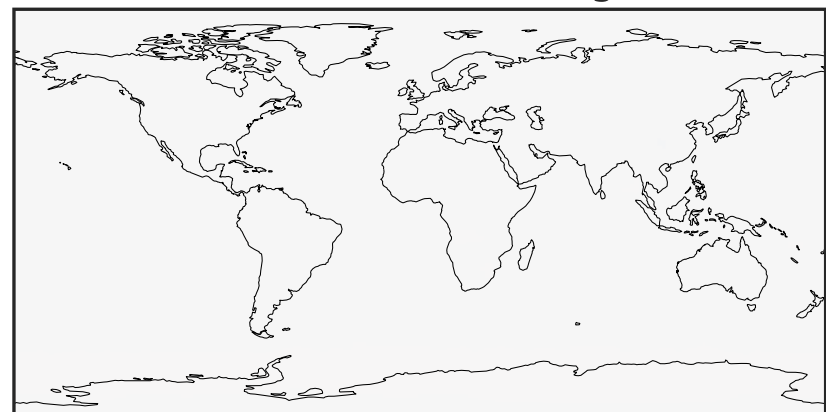
-2.5 0.0 2.5
s-1 1e-6

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.998064 0.999032 1.000000 1.000970 1.001939
unitless

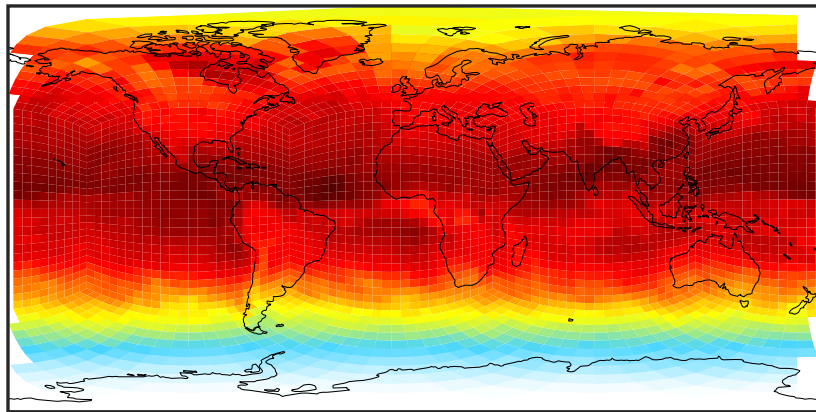
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

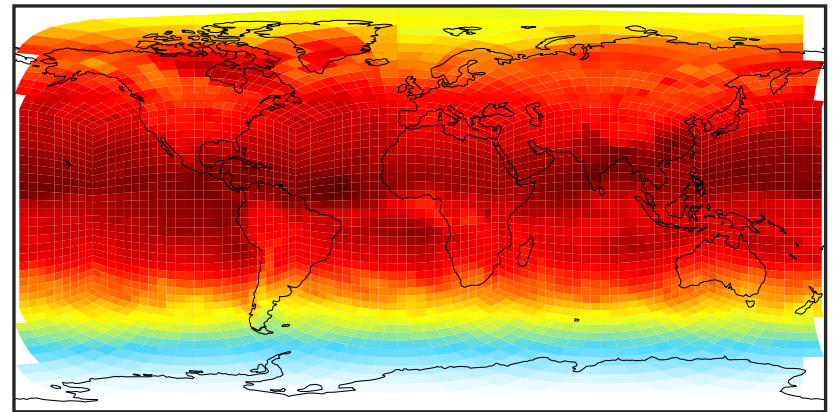
Jval_CINO2 (Apr2019)

GCHP_14.0.0 (Ref)
c24



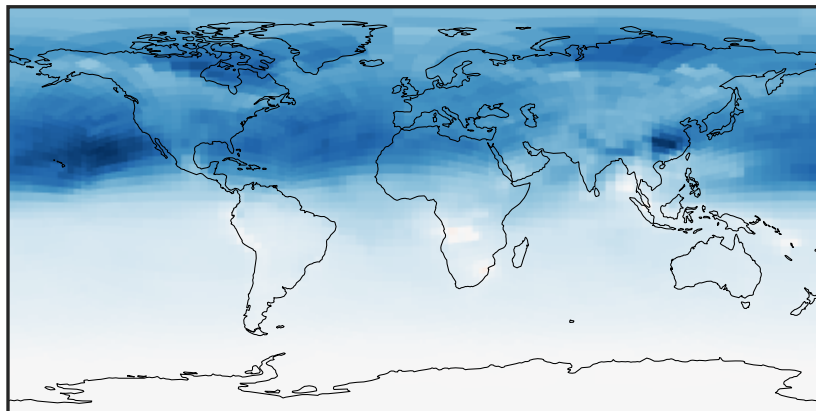
0.00006 0.00012 0.00018
s-1

GCHP_14.2.0 (Dev)
c24



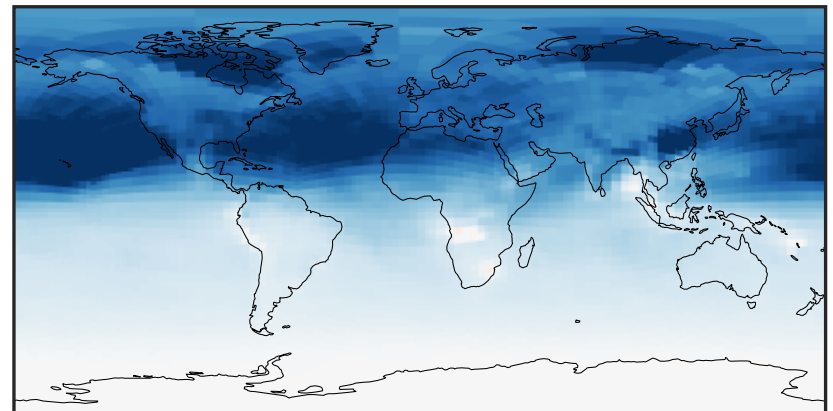
0.00006 0.00012 0.00018
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



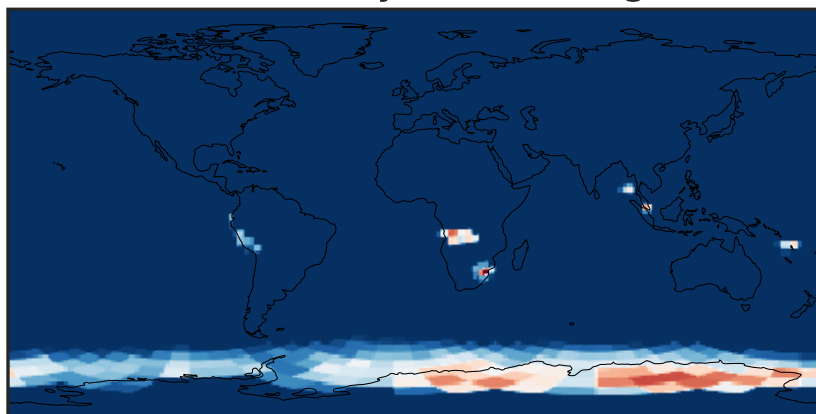
-1 0 1
s-1 1e-6

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



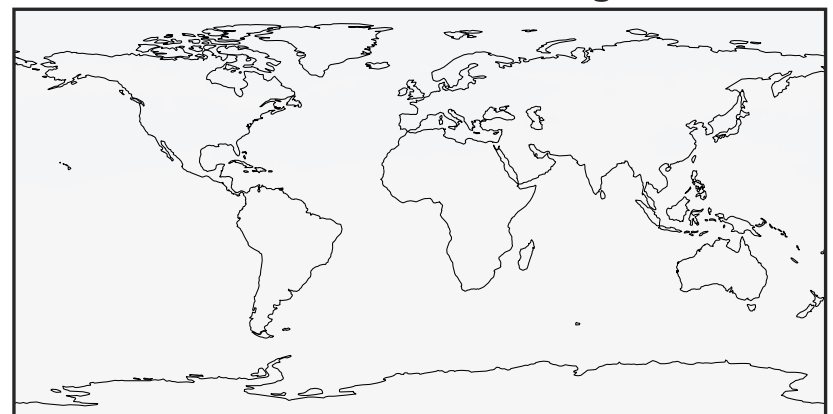
-8 0 8
s-1 1e-7

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.999368 1.000000 1.000633
unitless

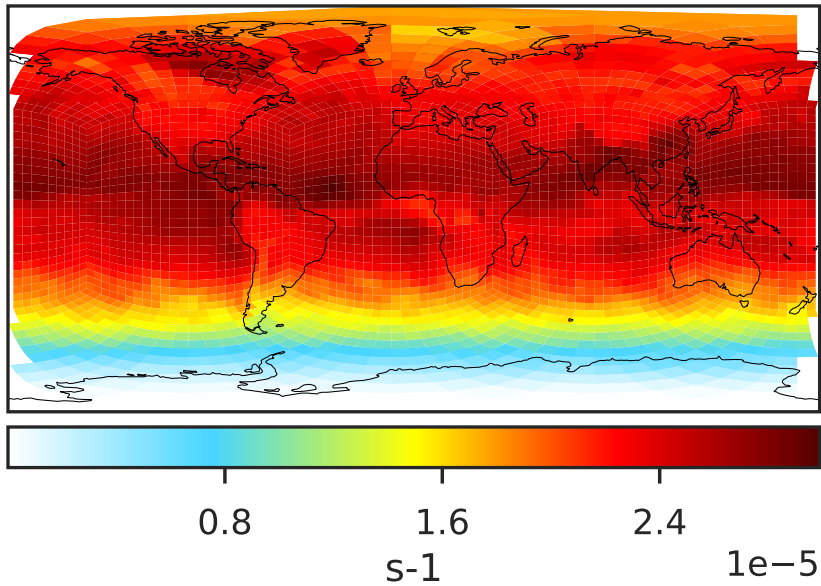
Ratio (1x1.25)
Dev/Ref, Fixed Range



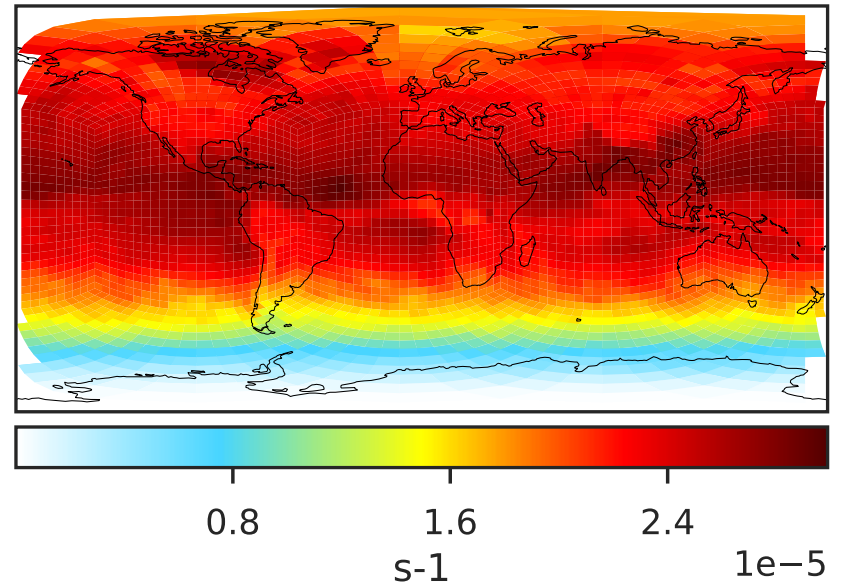
0.50 0.75 1.00 1.50 2.00
unitless

Jval_CINO3 (Apr2019)

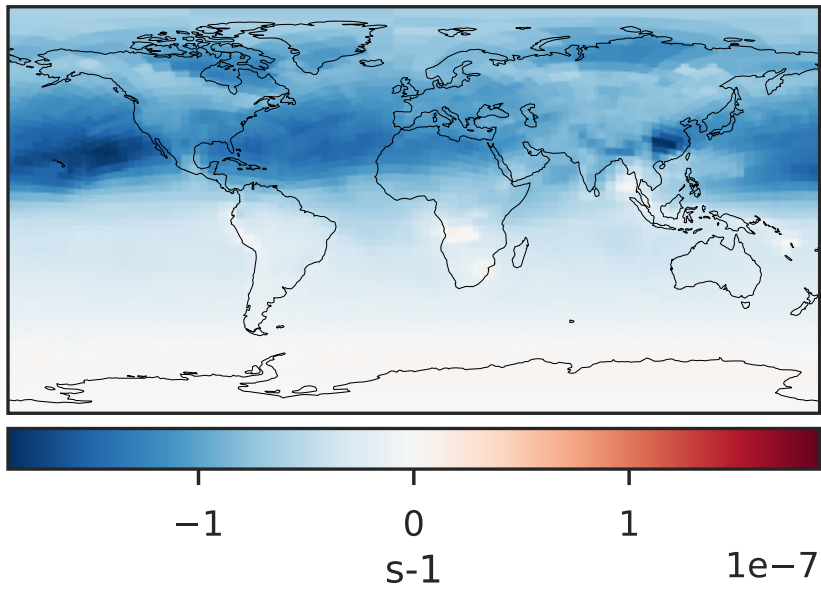
GCHP_14.0.0 (Ref)
c24



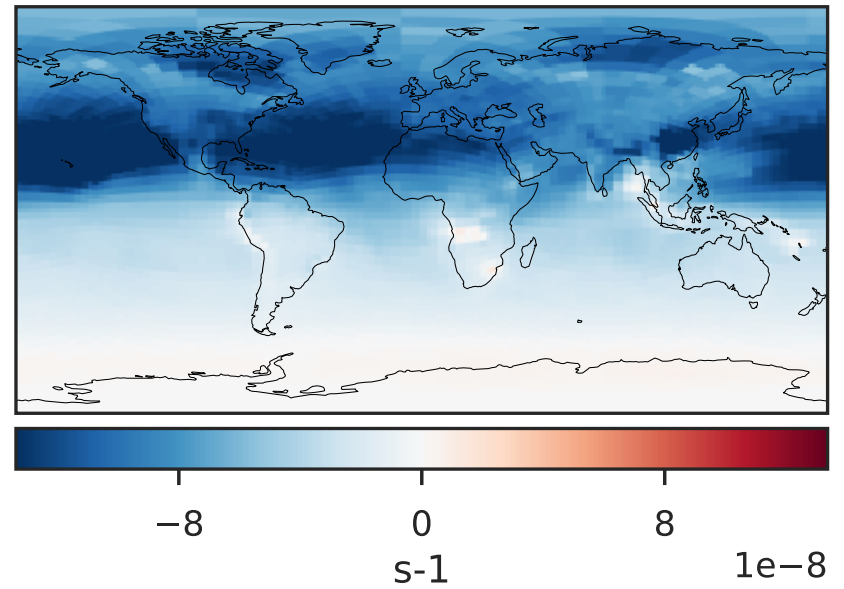
GCHP_14.2.0 (Dev)
c24



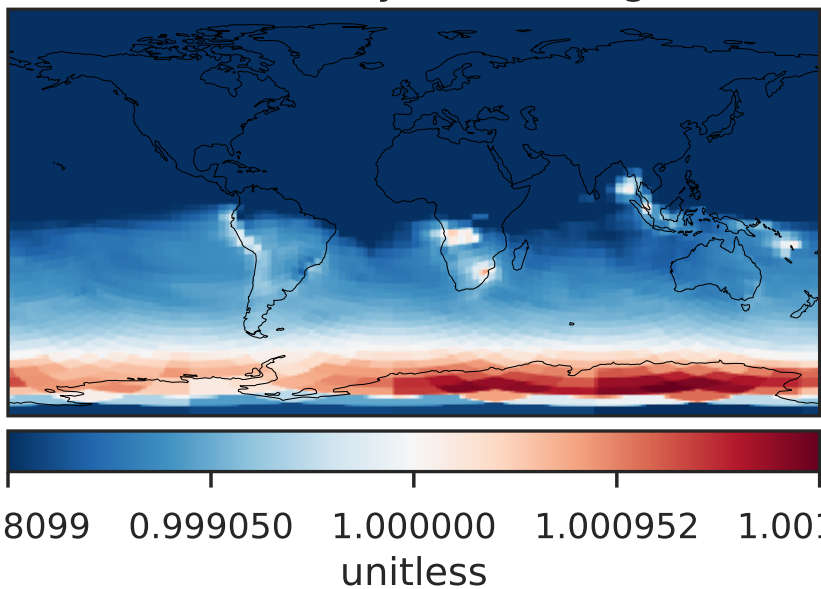
Difference (1x1.25)
Dev - Ref, Dynamic Range



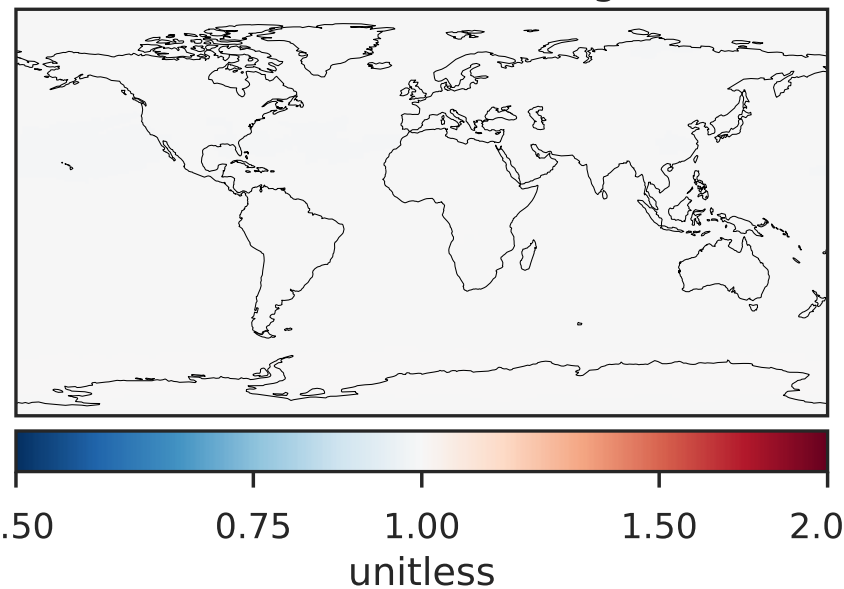
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range



Ratio (1x1.25)
Dev/Ref, Fixed Range

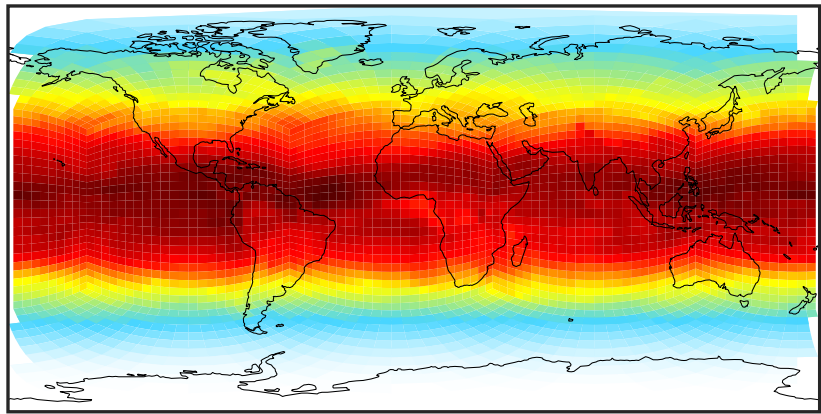


0.998099 0.999050 1.000000 1.000952 1.001904
unitless

0.50 0.75 1.00 1.50 2.00
unitless

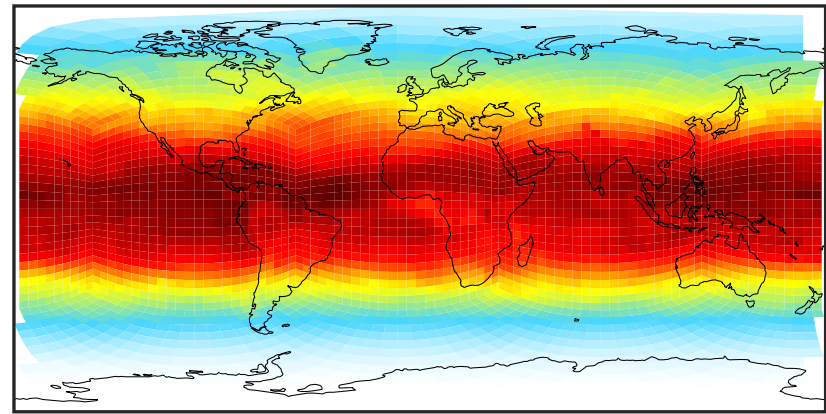
Jval_CIO (Apr2019)

GCHP_14.0.0 (Ref)
c24



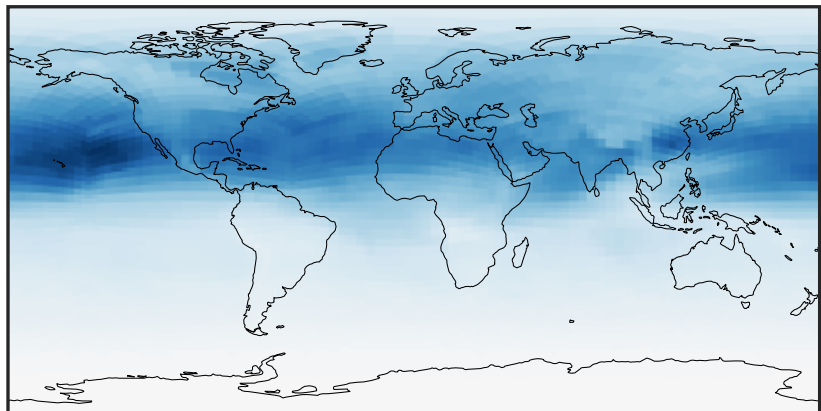
0.00004 0.00008 0.00012
s-1

GCHP_14.2.0 (Dev)
c24



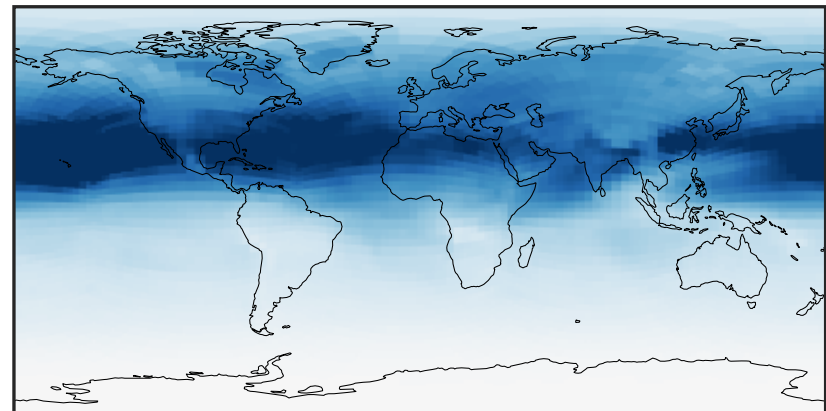
0.00004 0.00008 0.00012
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



-2 0 2
s-1 1e-6

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



-1.5 0.0 1.5
s-1 1e-6

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.996572 0.998286 1.000000 1.001720 1.003439
unitless

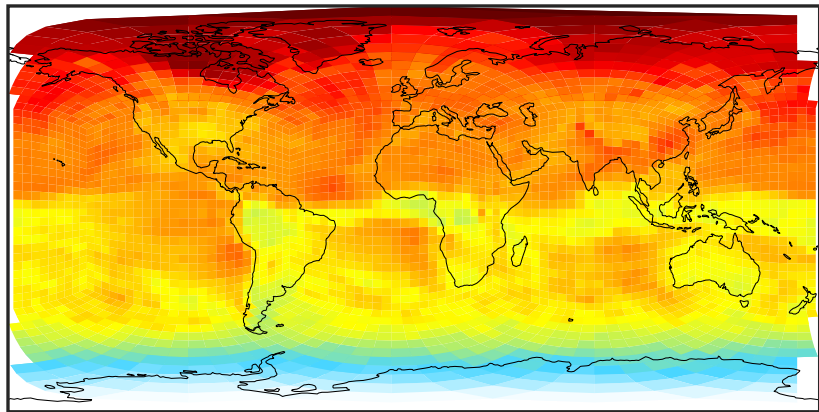
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

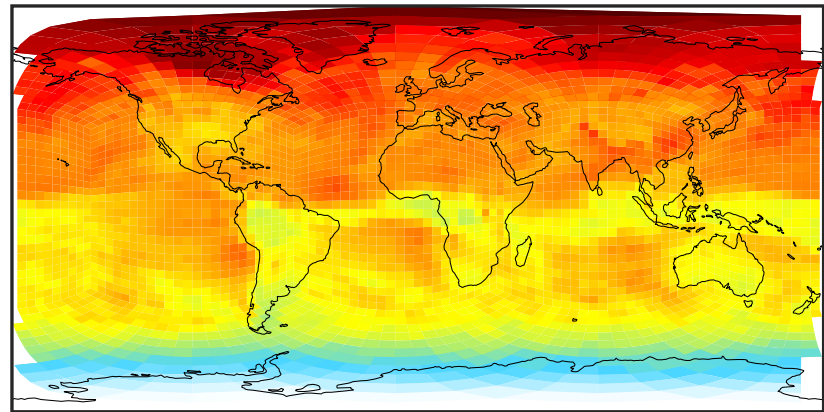
Jval_C100 (Apr2019)

GCHP_14.0.0 (Ref)
c24



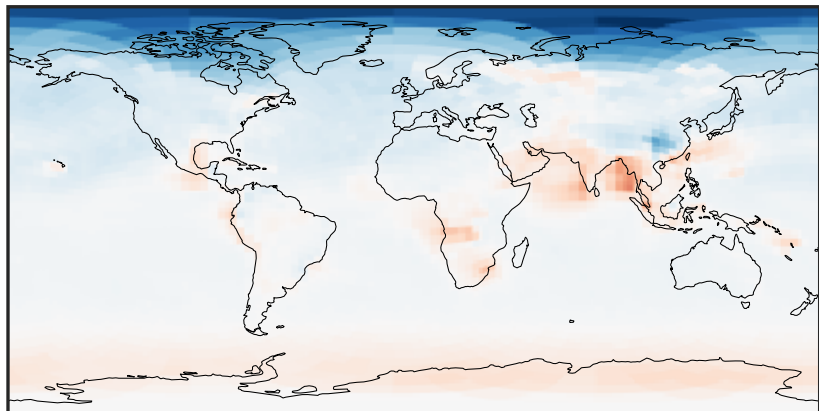
0.0003 0.1129 0.2258 0.3386 0.4518
s-1

GCHP_14.2.0 (Dev)
c24



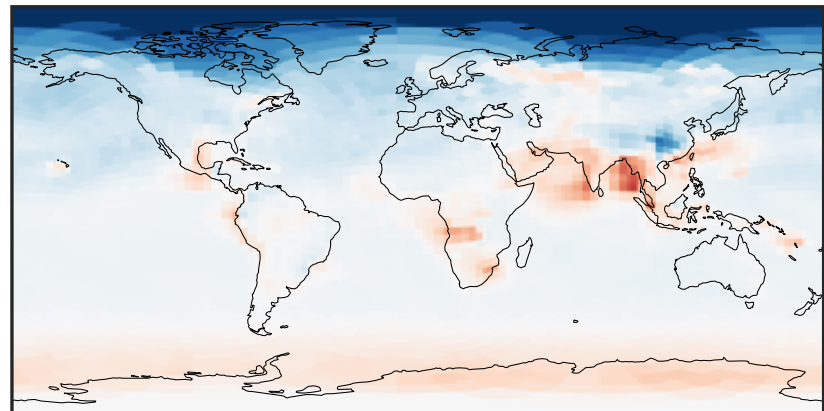
0.0003 0.1129 0.2258 0.3386 0.4518
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



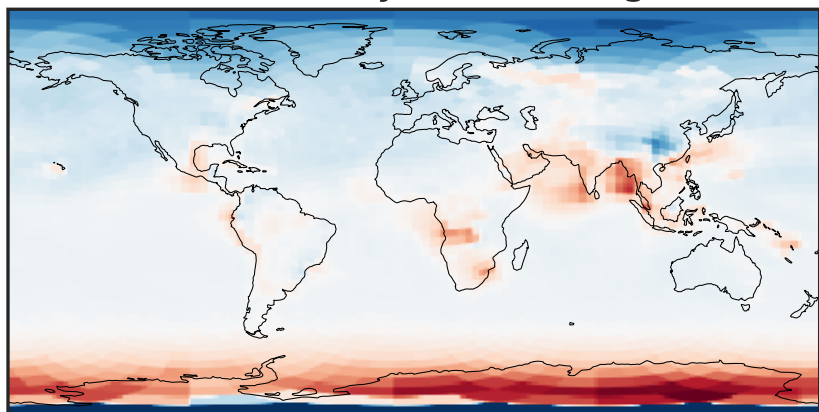
-0.0008 0.0000 0.0008
s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



-0.0005 0.0000 0.0005
s-1

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.996370 0.998185 1.000000 1.001821 1.003643
unitless

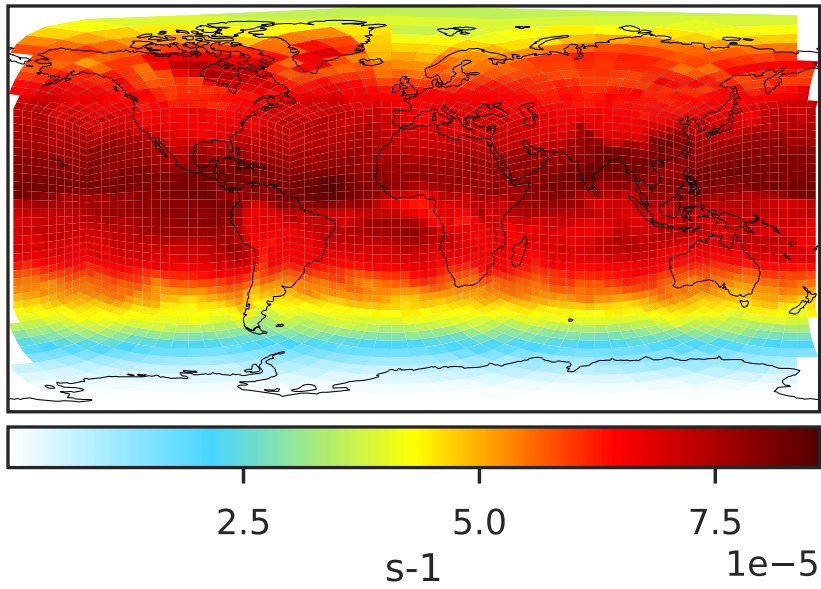
Ratio (1x1.25)
Dev/Ref, Fixed Range



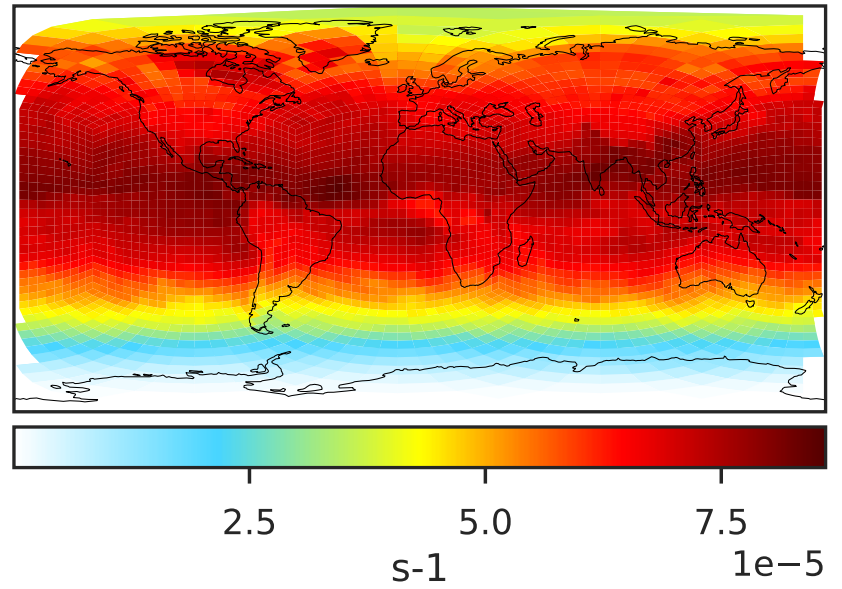
0.50 0.75 1.00 1.50 2.00
unitless

Jval_ETHLN (Apr2019)

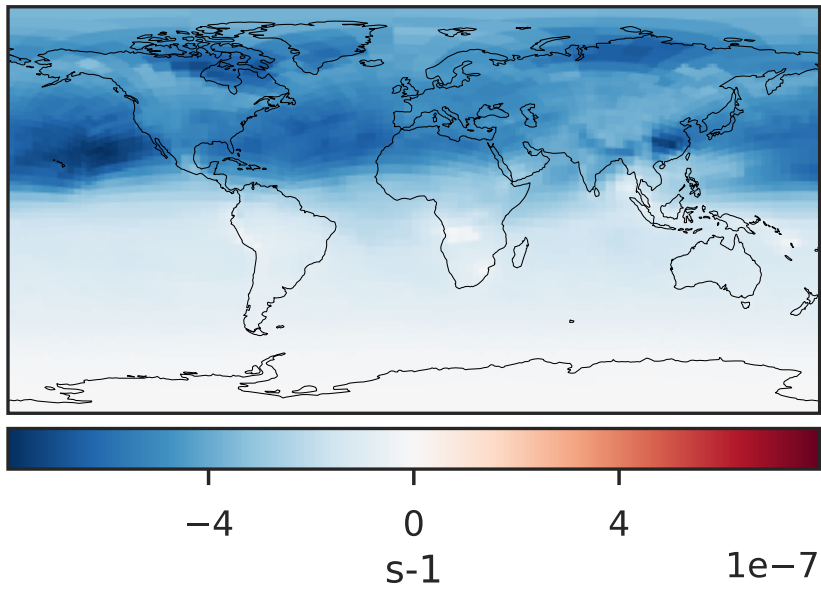
GCHP_14.0.0 (Ref)
c24



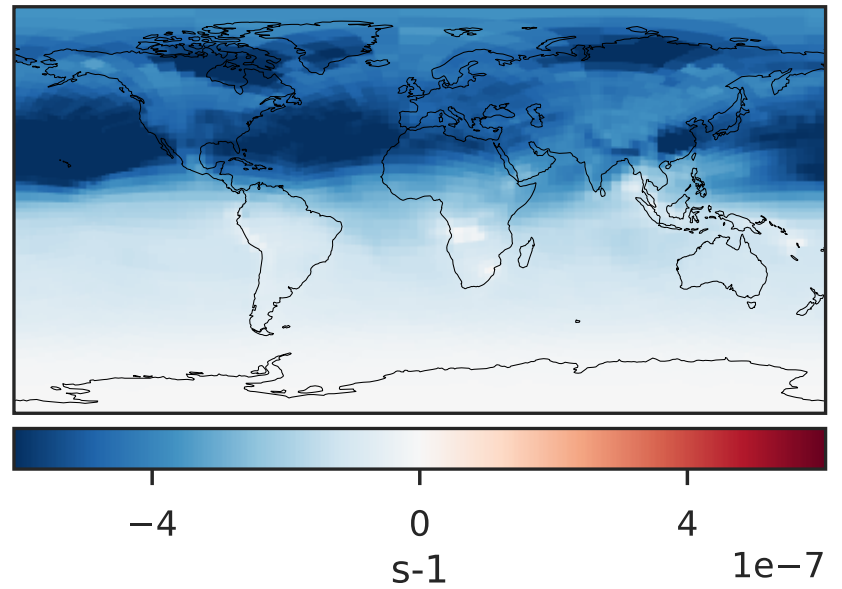
GCHP_14.2.0 (Dev)
c24



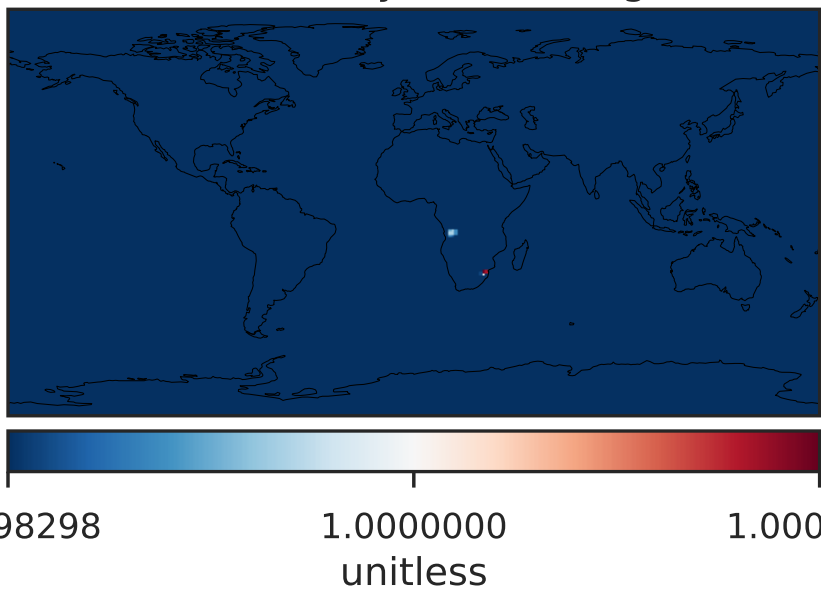
Difference (1x1.25)
Dev - Ref, Dynamic Range



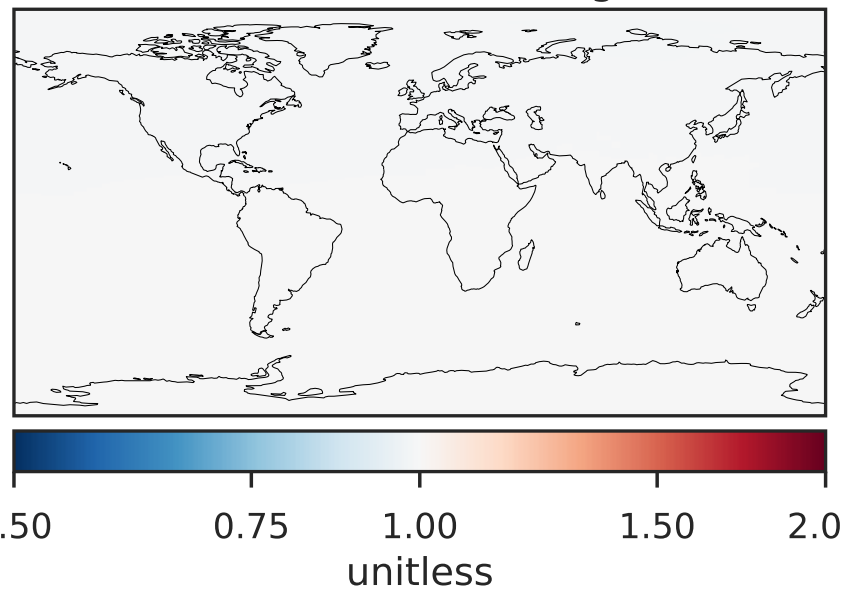
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

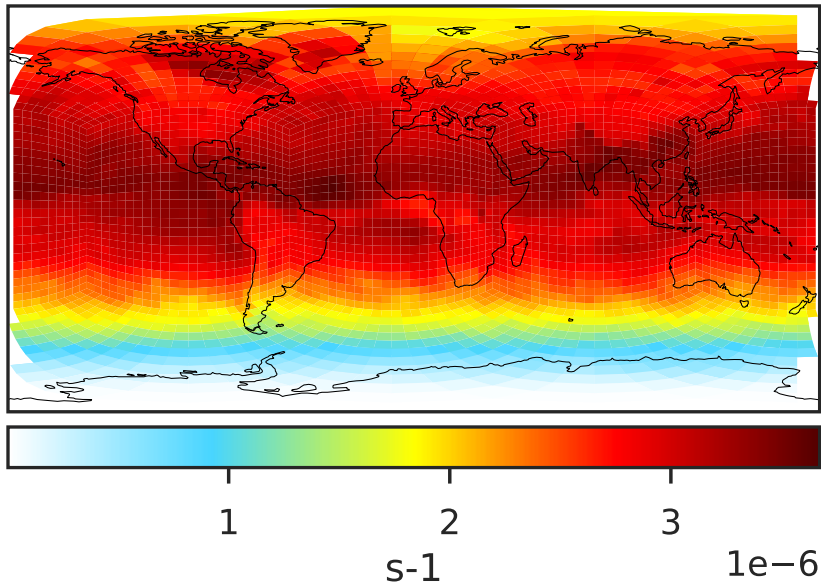


Ratio (1x1.25)
Dev/Ref, Fixed Range

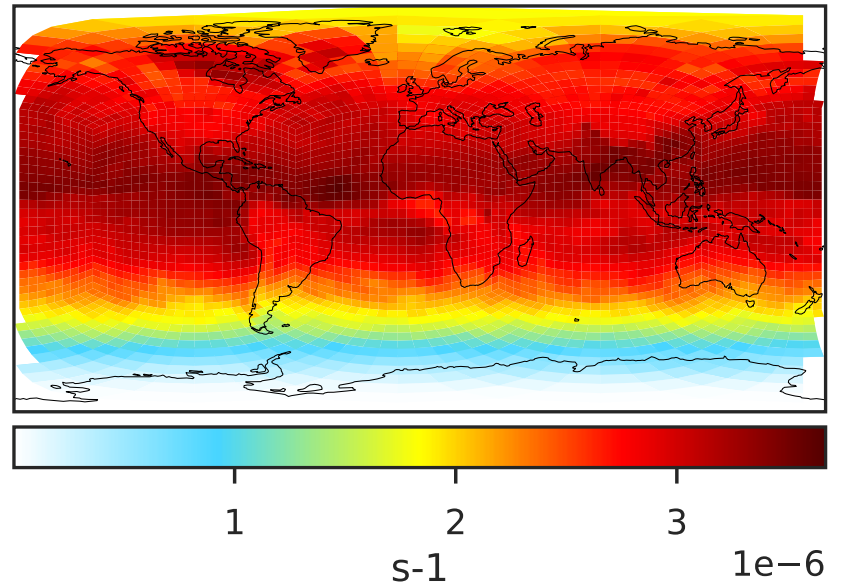


Jval_ETHP (Apr2019)

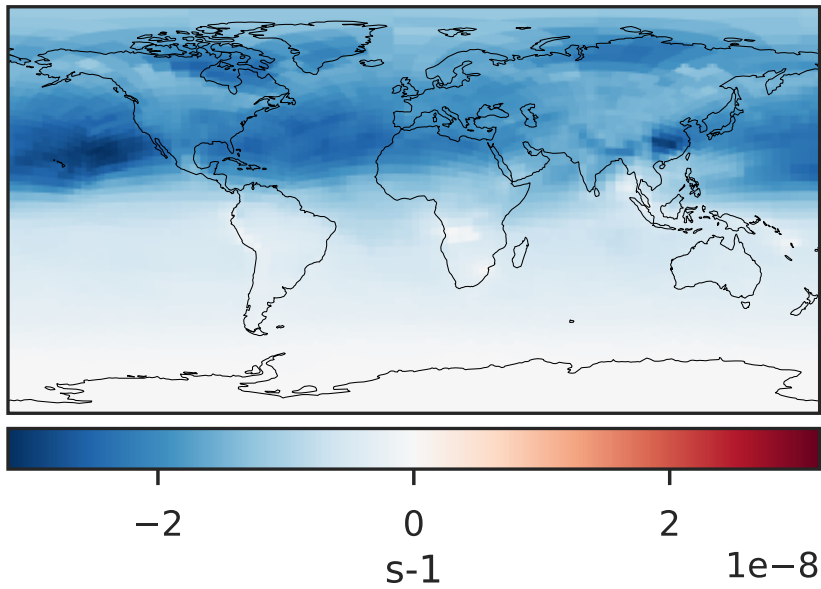
GCHP_14.0.0 (Ref)
c24



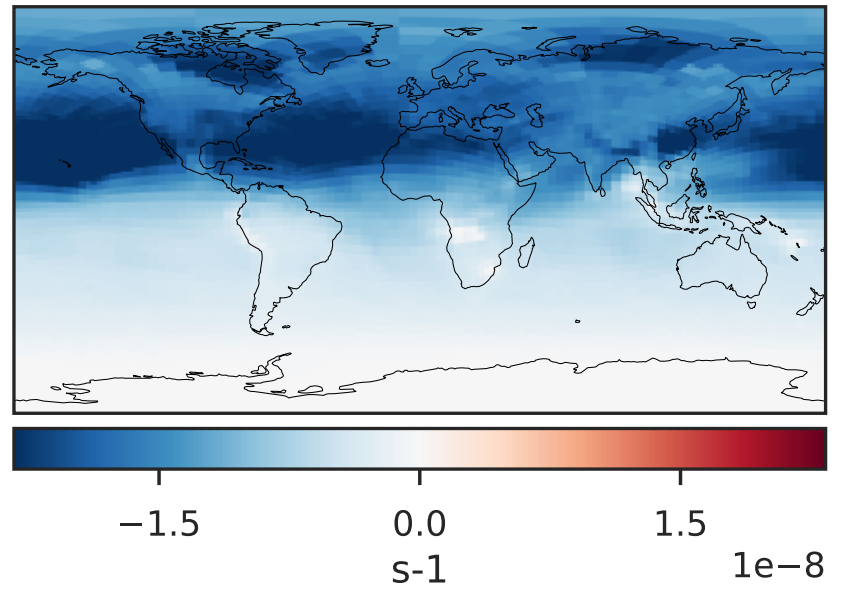
GCHP_14.2.0 (Dev)
c24



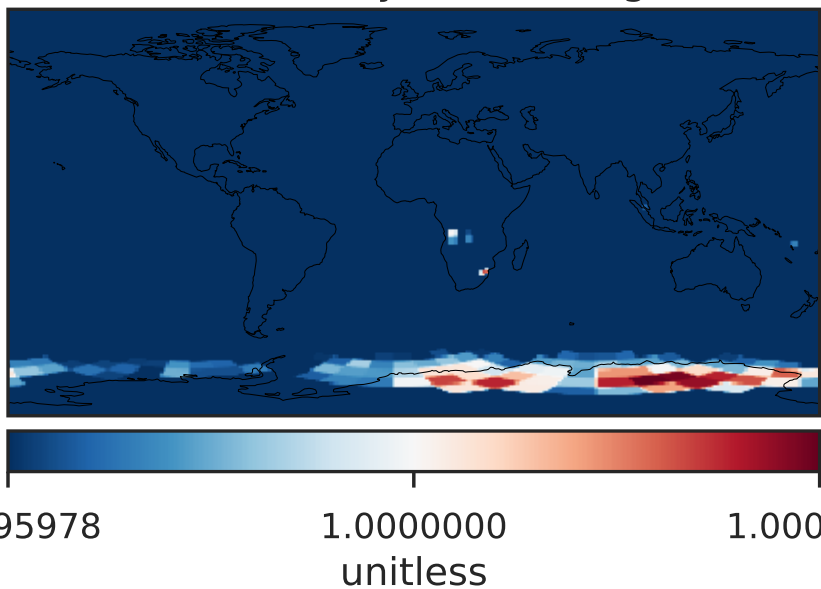
Difference (1x1.25)
Dev - Ref, Dynamic Range



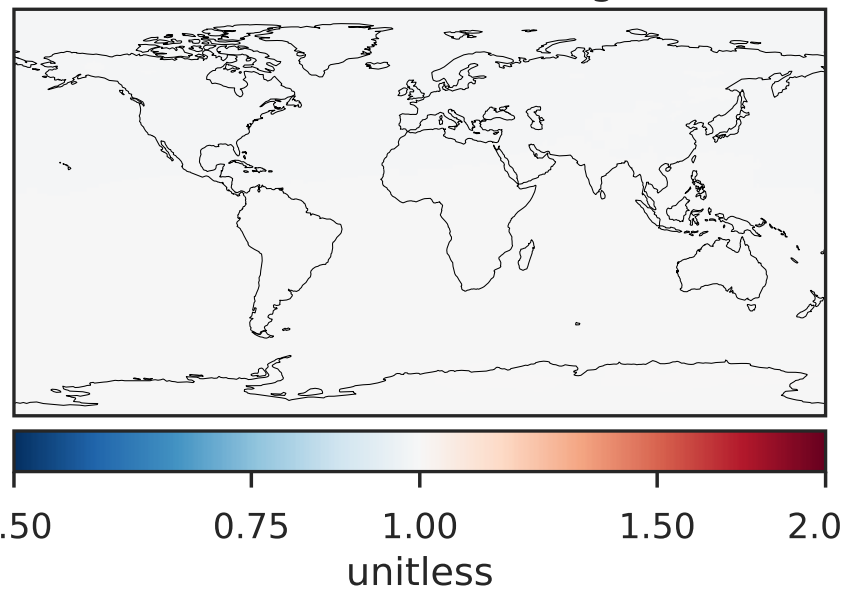
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

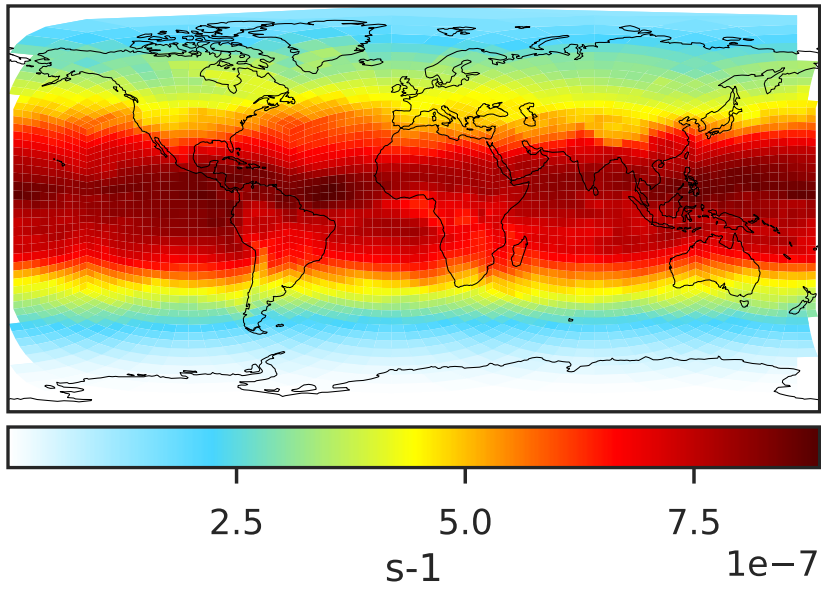


Ratio (1x1.25)
Dev/Ref, Fixed Range

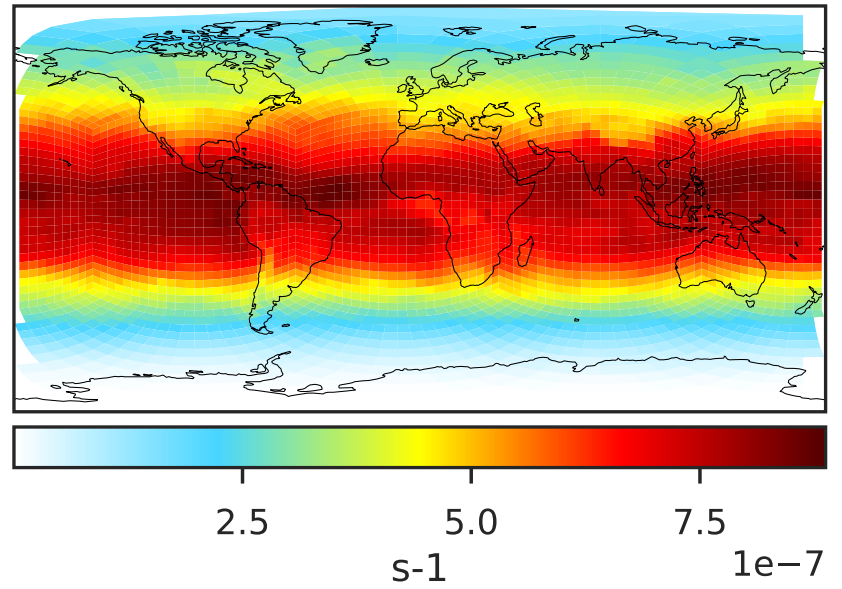


Jval_ETNO3 (Apr2019)

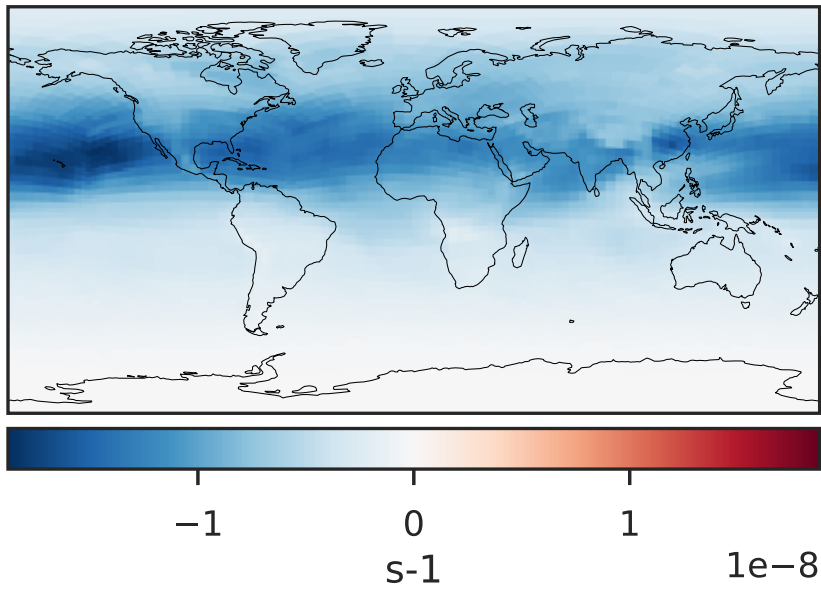
GCHP_14.0.0 (Ref)
c24



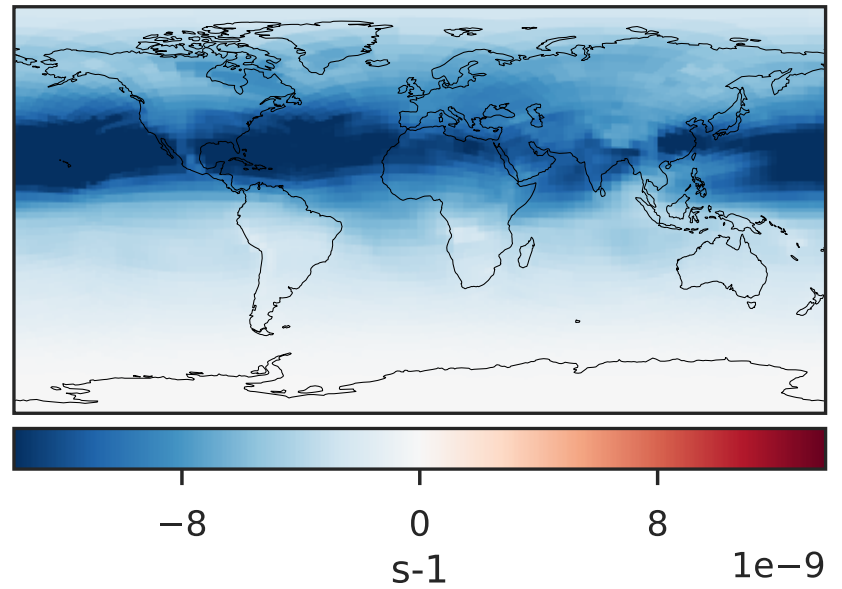
GCHP_14.2.0 (Dev)
c24



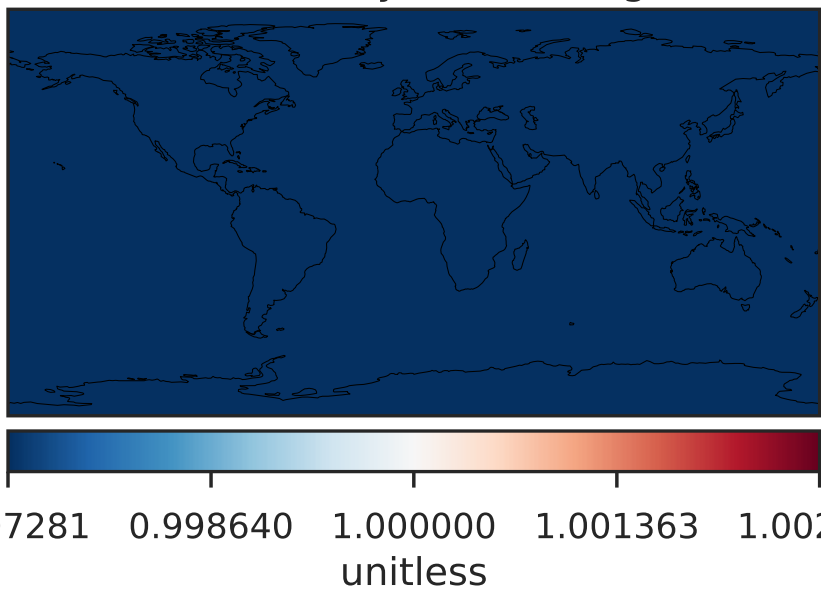
Difference (1x1.25)
Dev - Ref, Dynamic Range



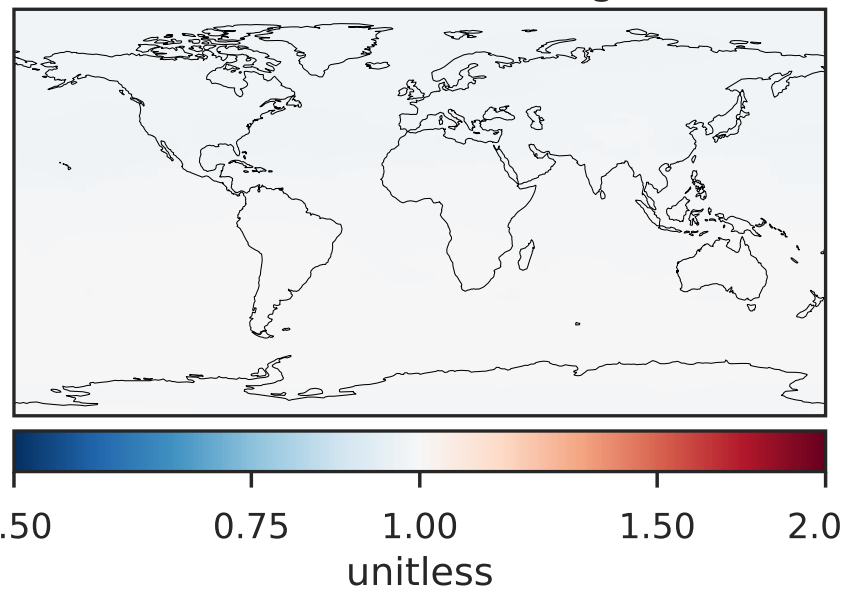
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range



Ratio (1x1.25)
Dev/Ref, Fixed Range

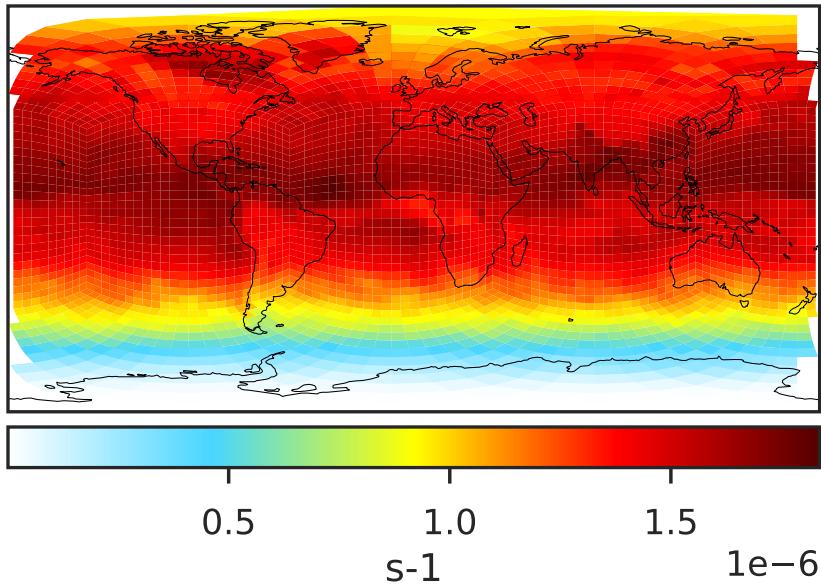


0.997281 0.998640 1.000000 1.001363 1.002727
unitless

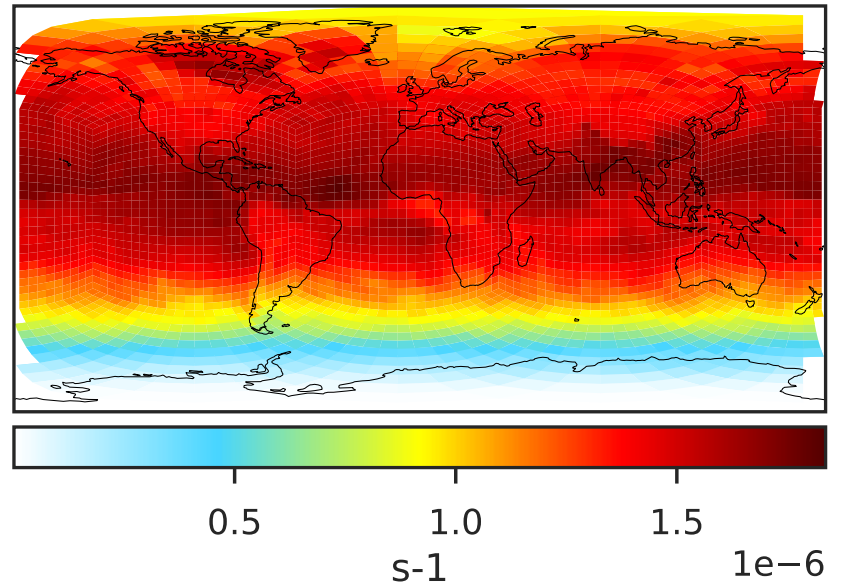
0.50 0.75 1.00 1.50 2.00
unitless

Jval_ETP (Apr2019)

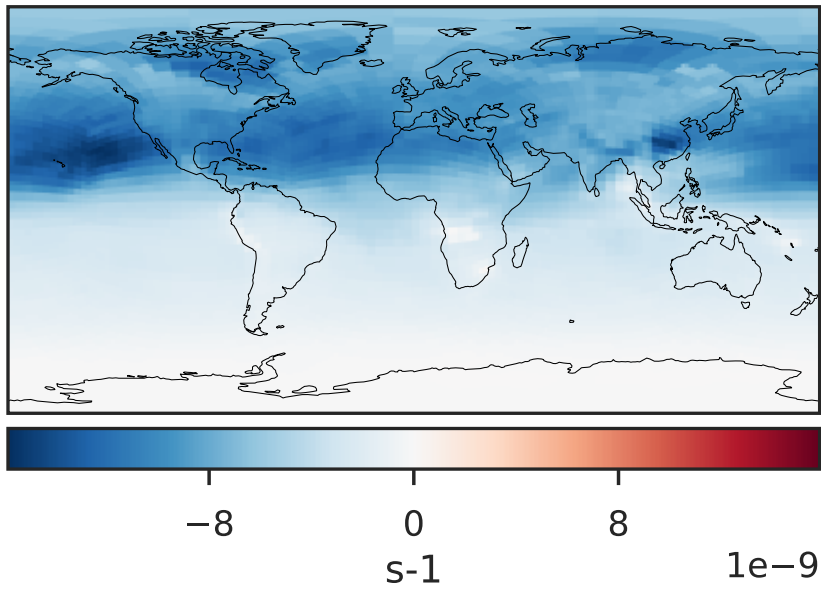
GCHP_14.0.0 (Ref)
c24



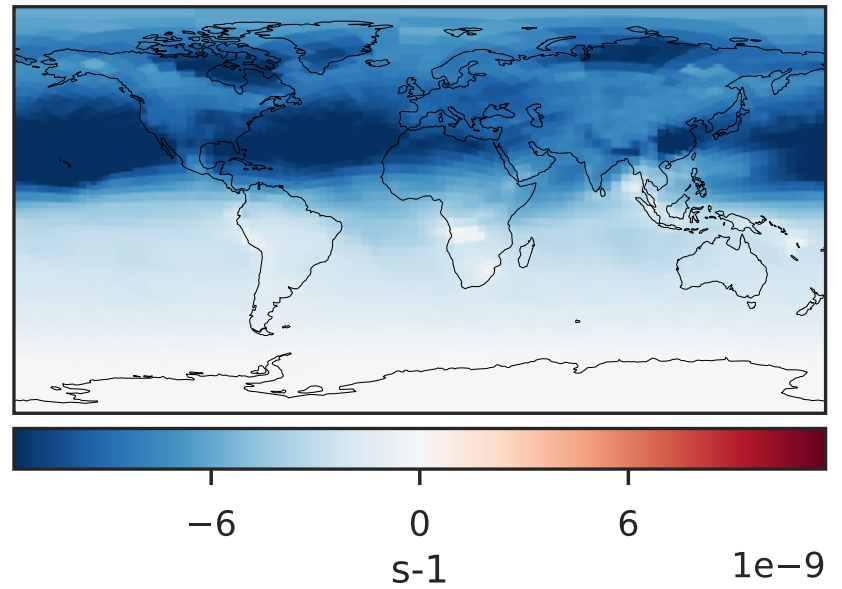
GCHP_14.2.0 (Dev)
c24



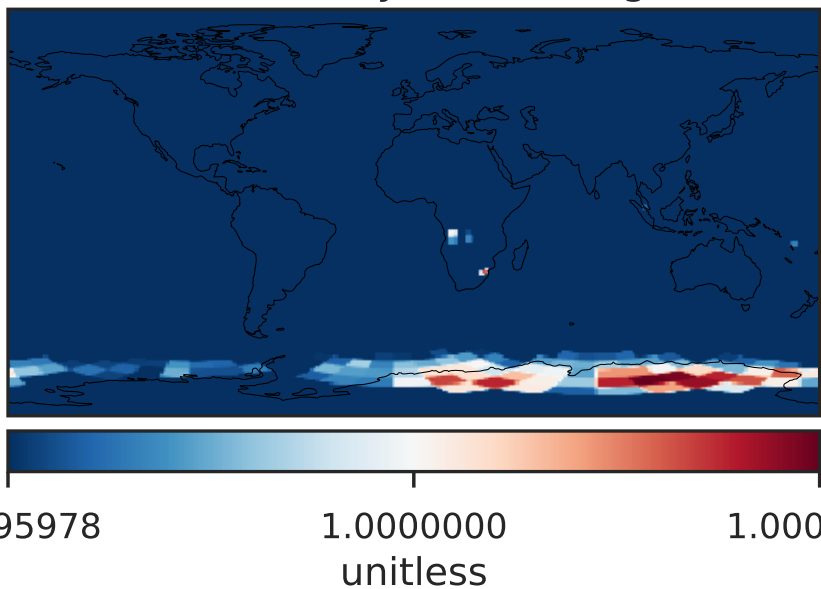
Difference (1x1.25)
Dev - Ref, Dynamic Range



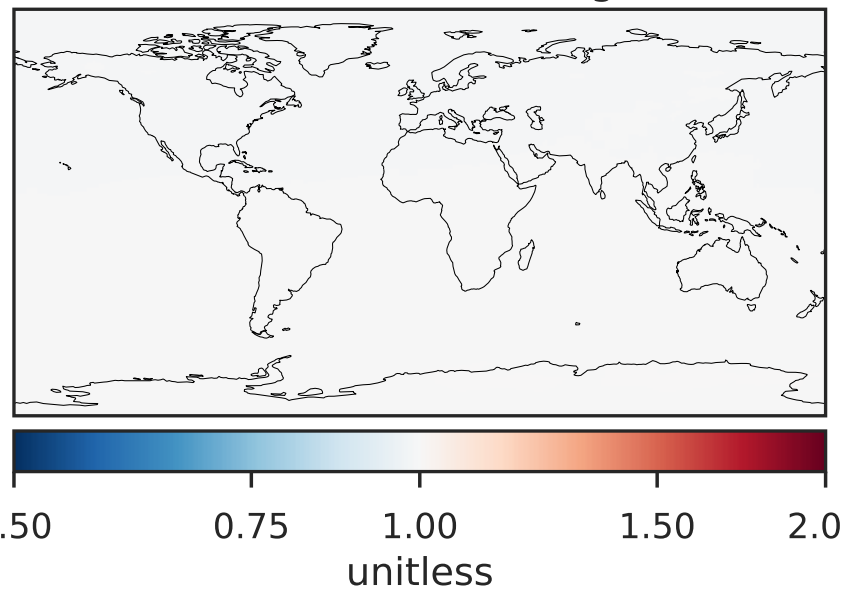
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

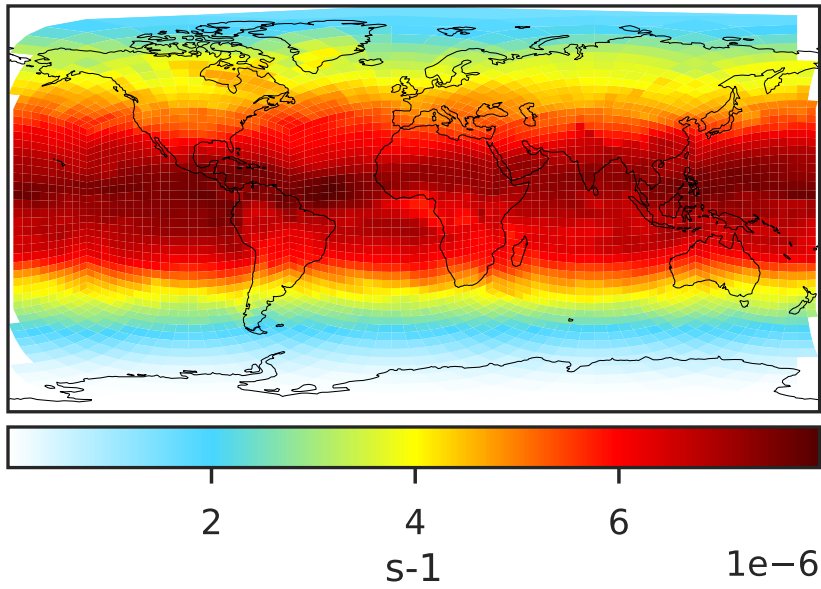


Ratio (1x1.25)
Dev/Ref, Fixed Range

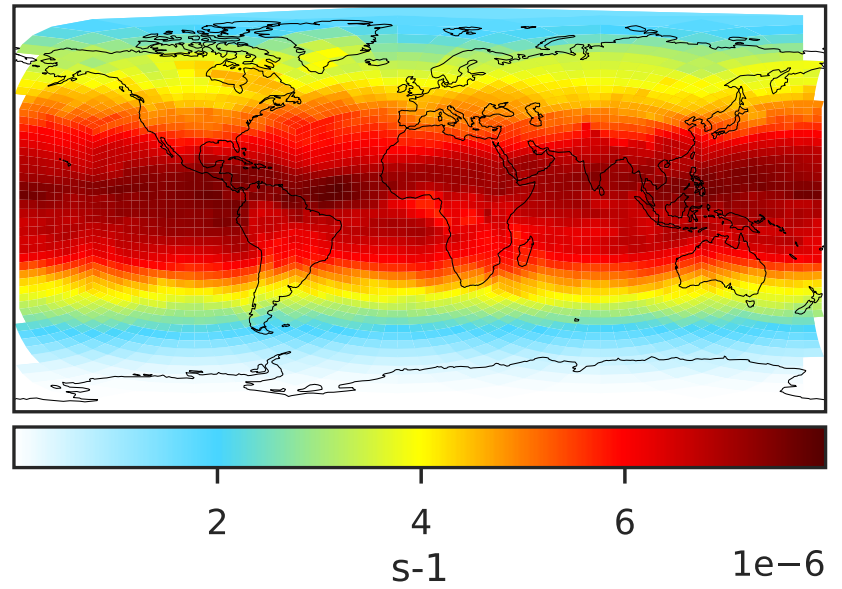


Jval_GLYC (Apr2019)

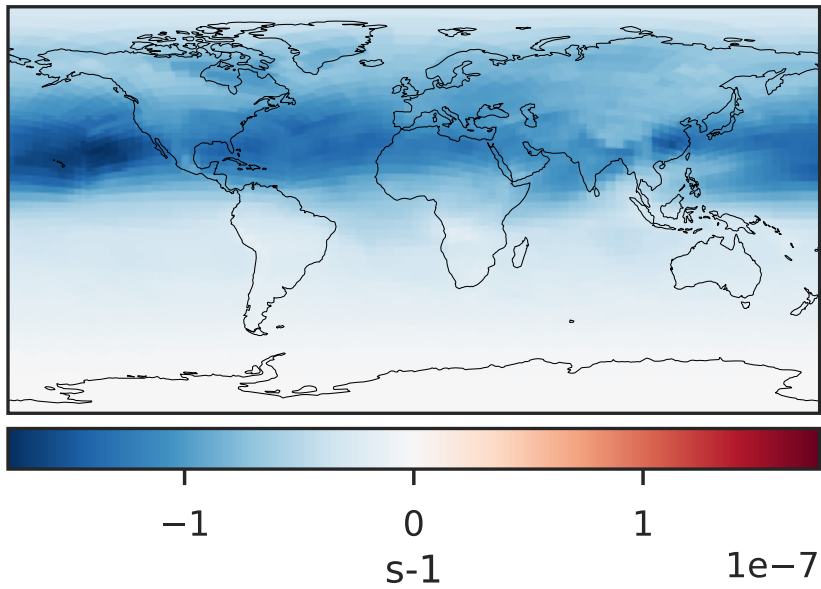
GCHP_14.0.0 (Ref)
c24



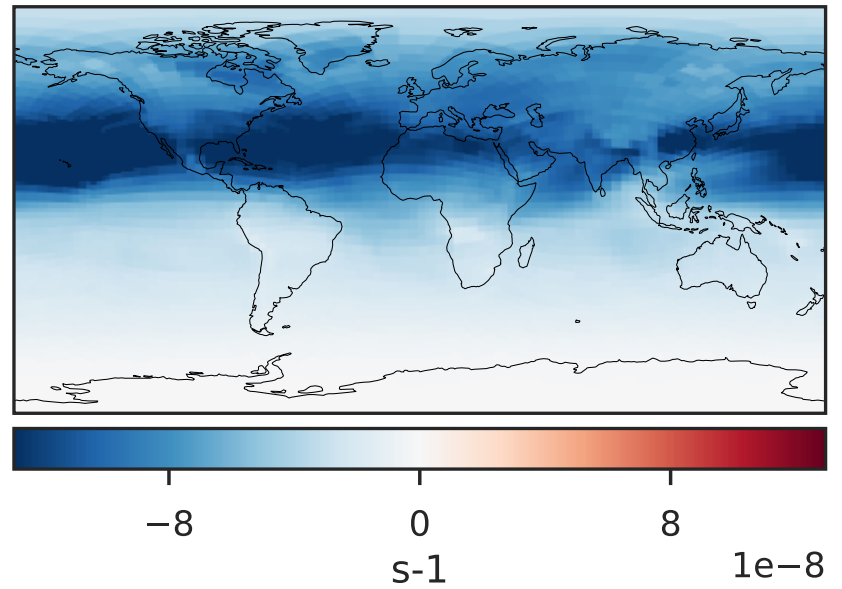
GCHP_14.2.0 (Dev)
c24



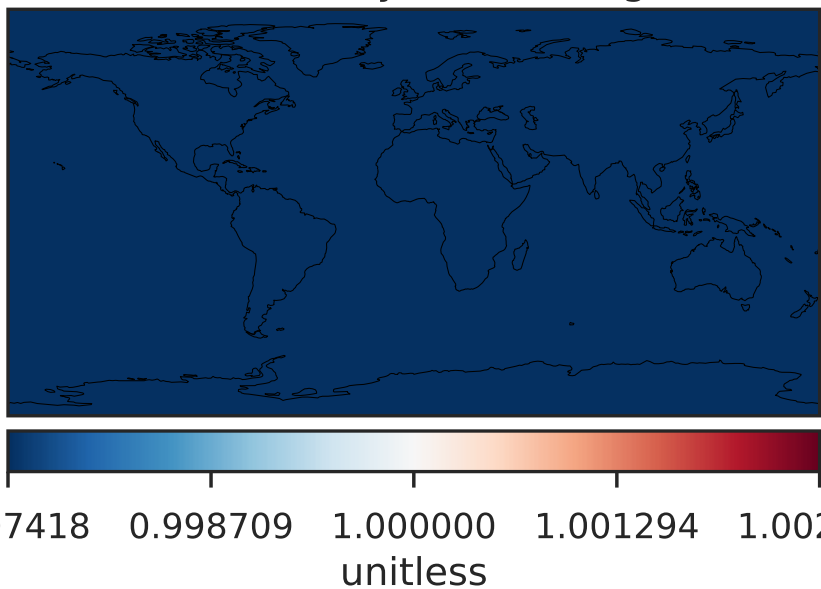
Difference (1x1.25)
Dev - Ref, Dynamic Range



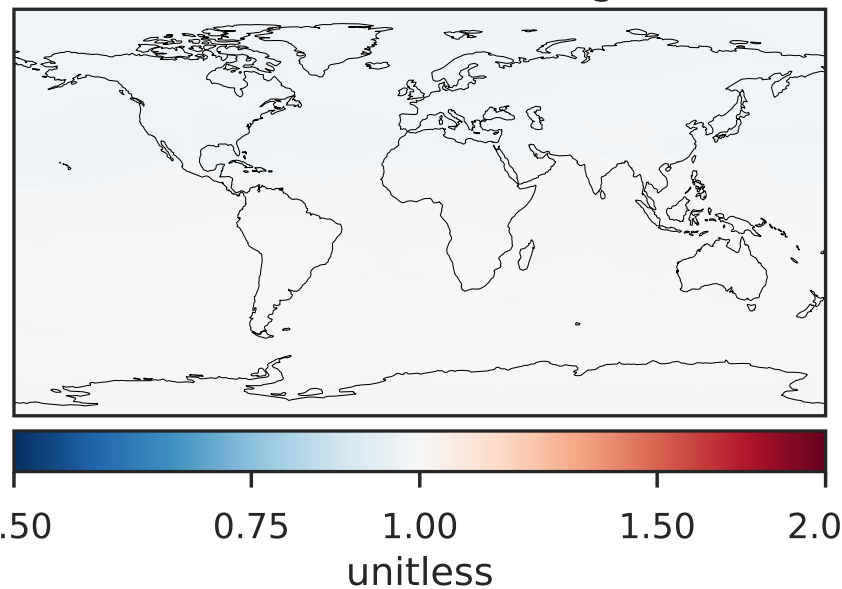
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

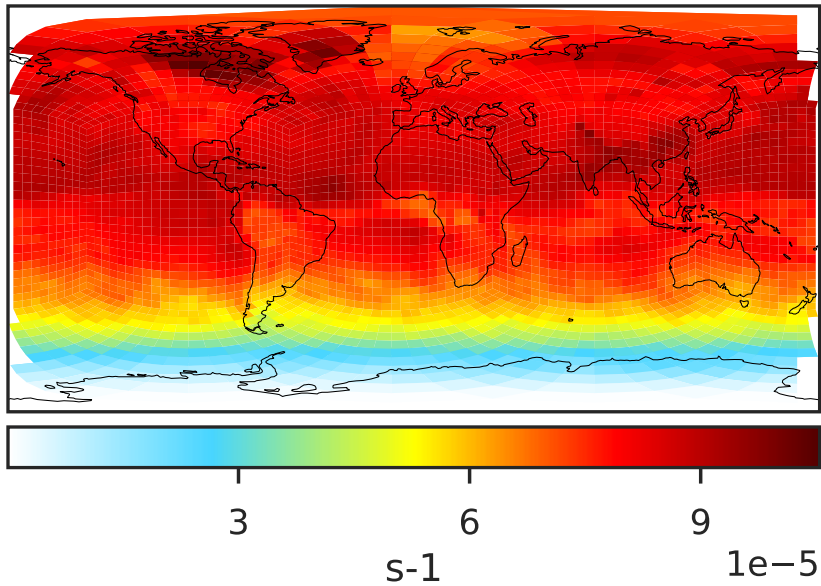


Ratio (1x1.25)
Dev/Ref, Fixed Range

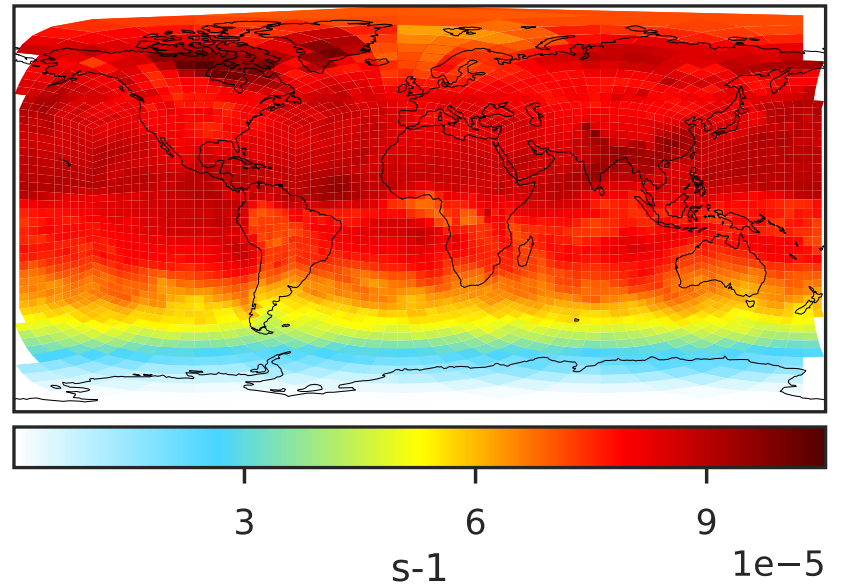


Jval_GLYX (Apr2019)

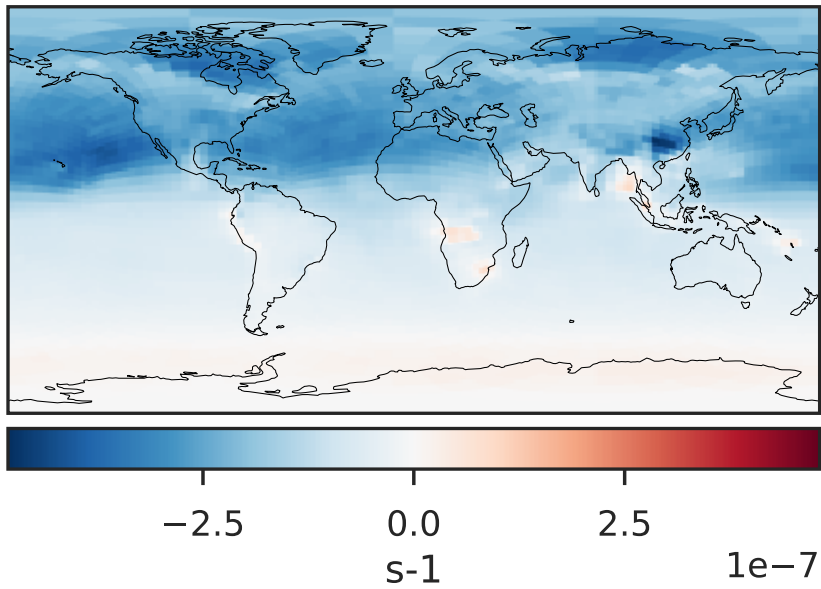
GCHP_14.0.0 (Ref)
c24



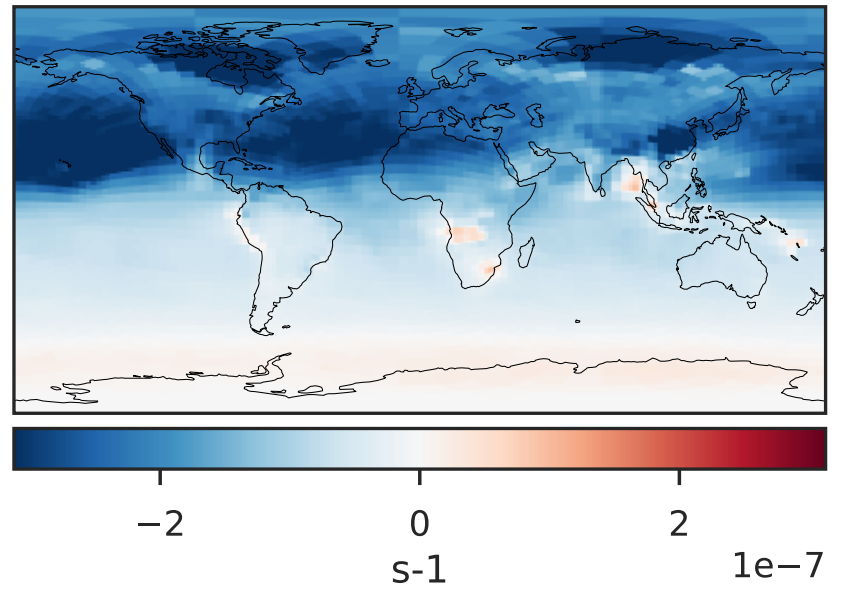
GCHP_14.2.0 (Dev)
c24



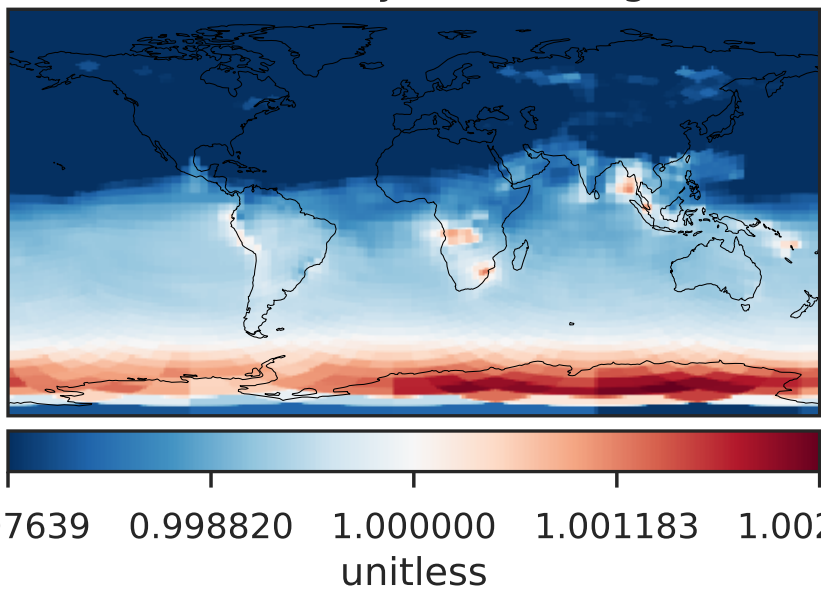
Difference (1x1.25)
Dev - Ref, Dynamic Range



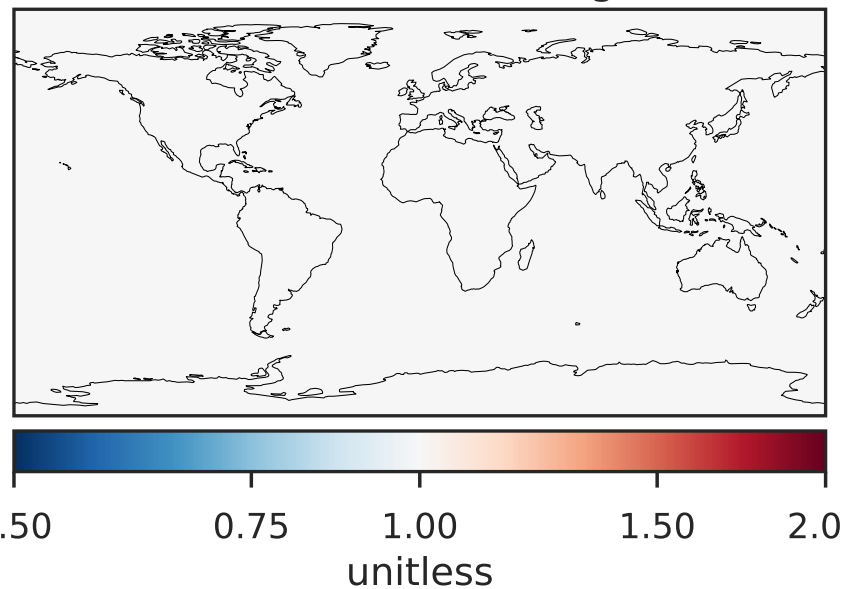
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

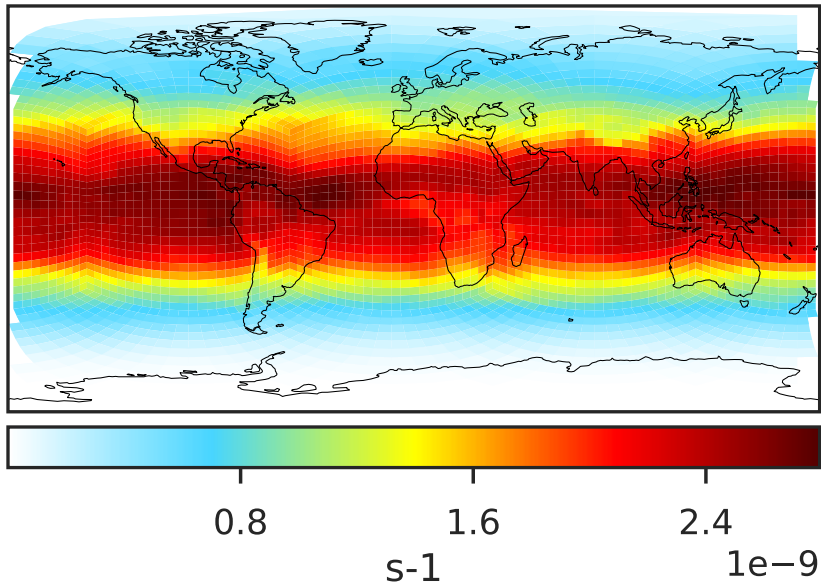


Ratio (1x1.25)
Dev/Ref, Fixed Range

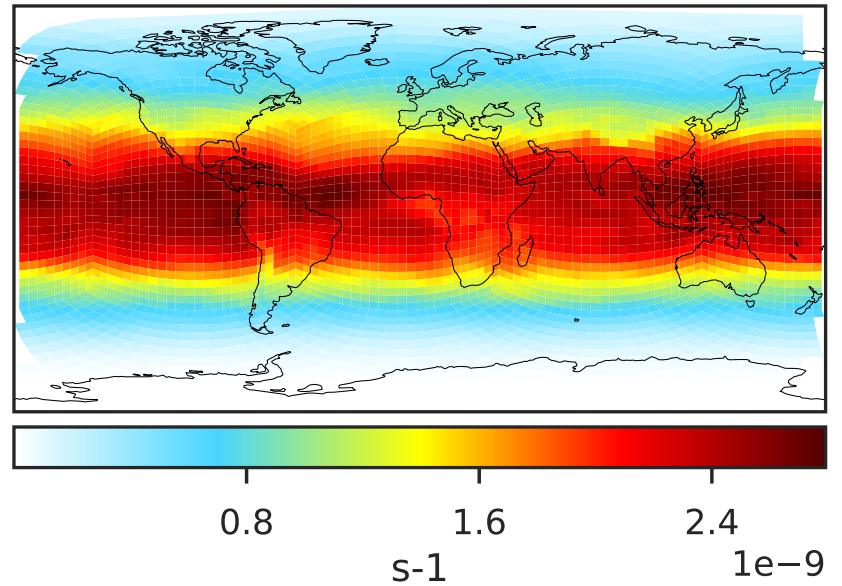


Jval_H1211 (Apr2019)

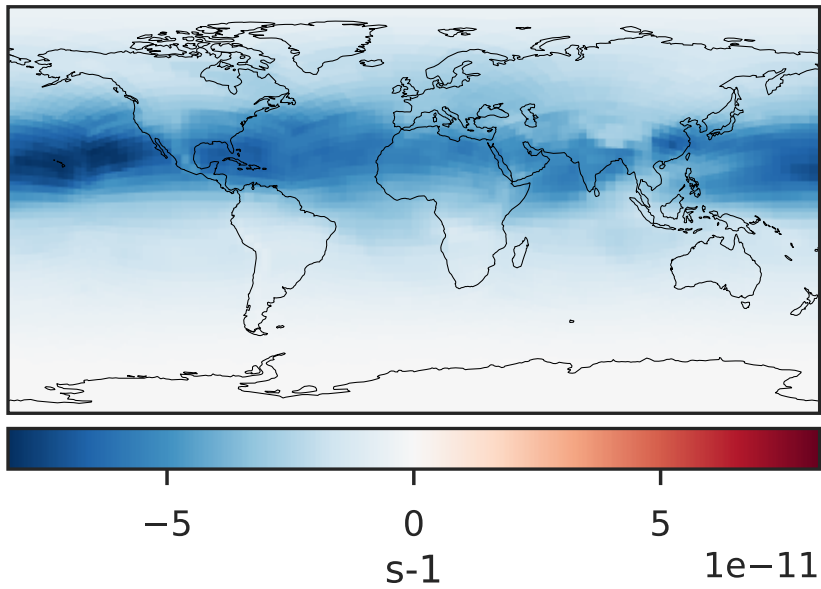
GCHP_14.0.0 (Ref)
c24



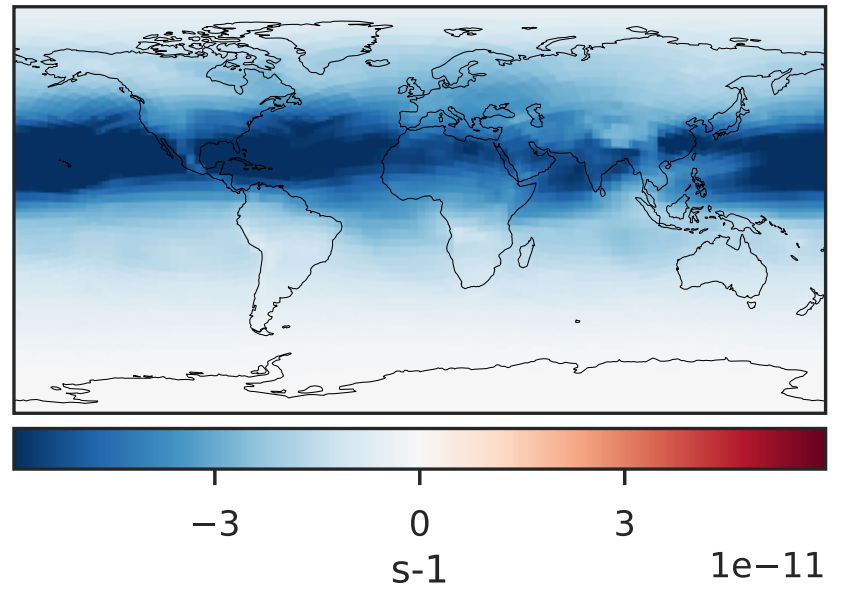
GCHP_14.2.0 (Dev)
c24



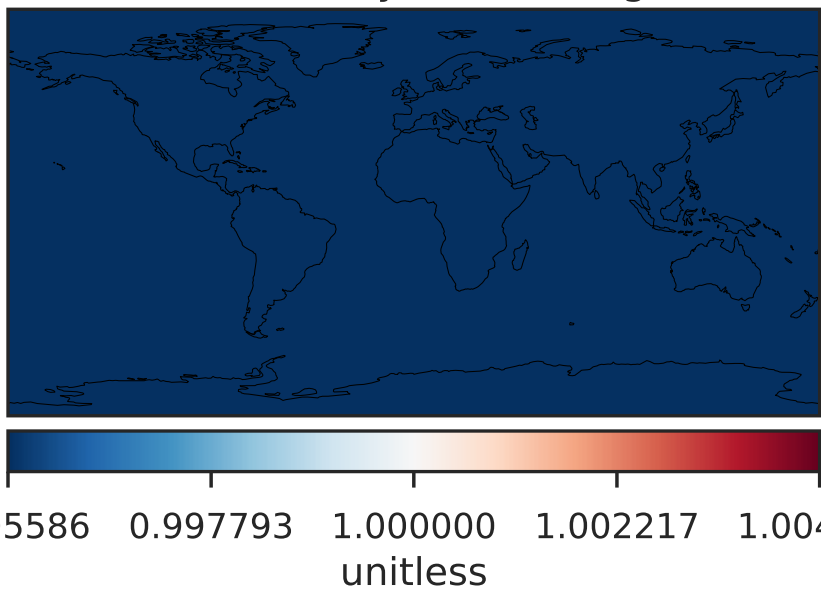
Difference (1x1.25)
Dev - Ref, Dynamic Range



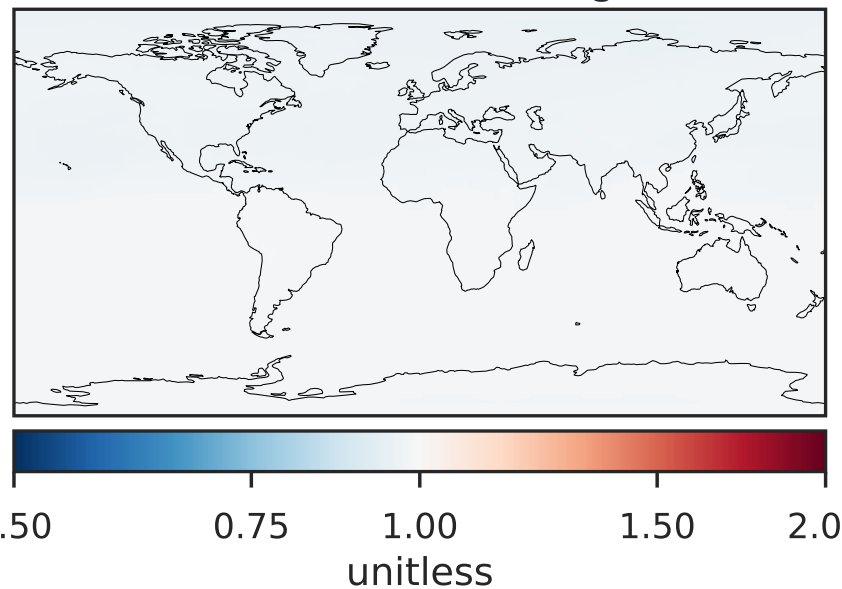
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

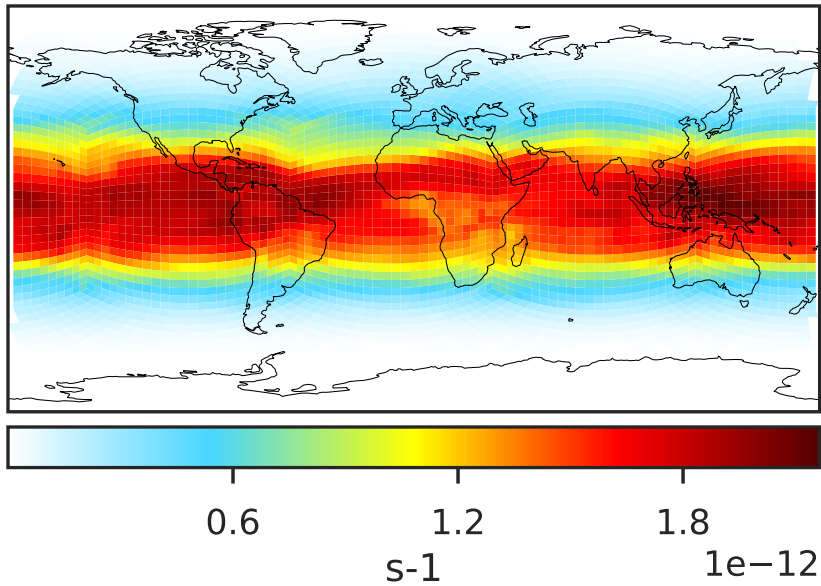


Ratio (1x1.25)
Dev/Ref, Fixed Range

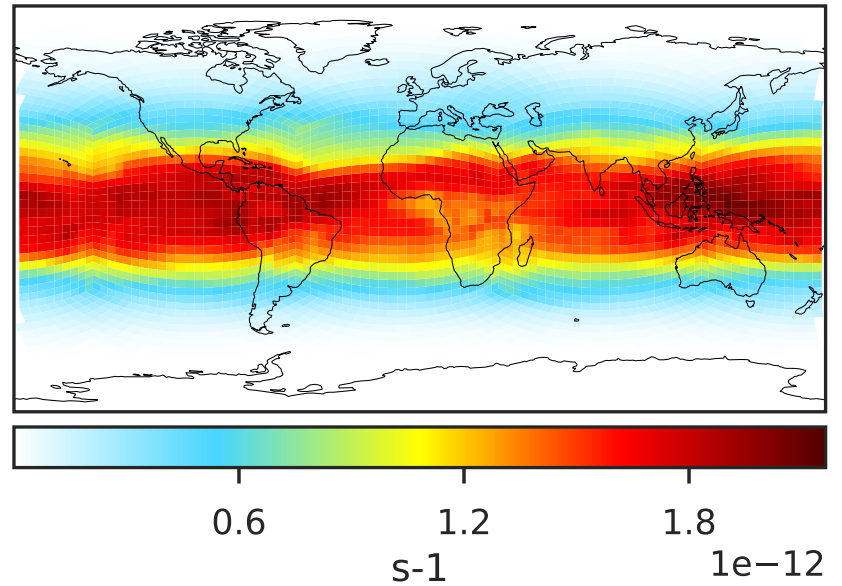


Jval_H1301 (Apr2019)

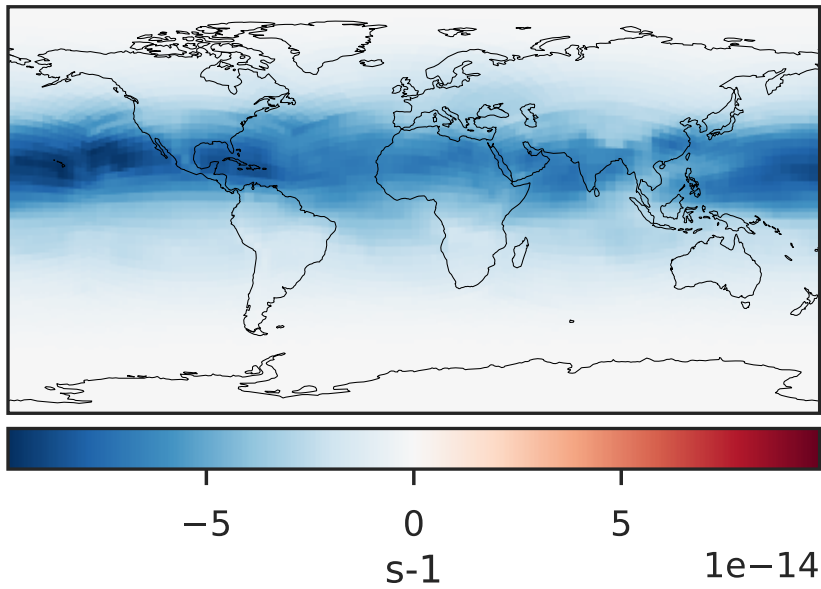
GCHP_14.0.0 (Ref)
c24



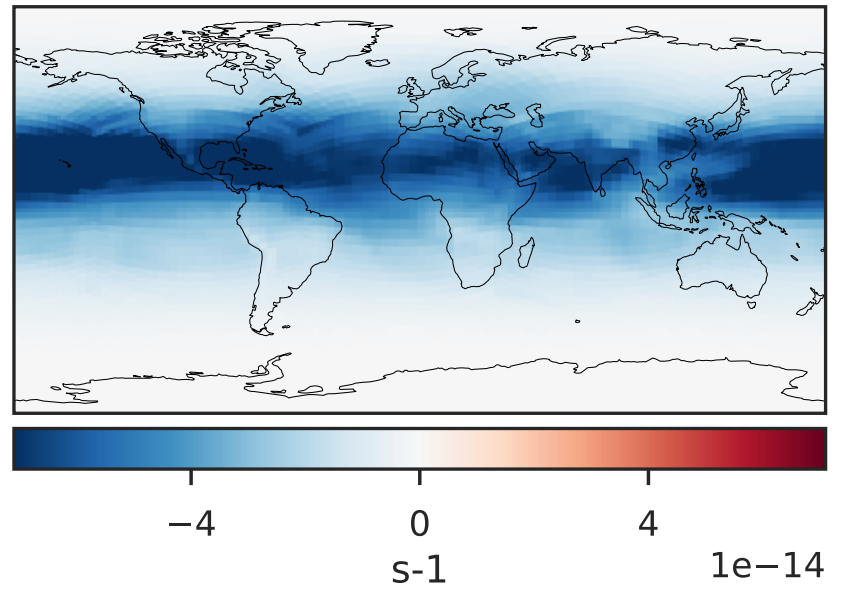
GCHP_14.2.0 (Dev)
c24



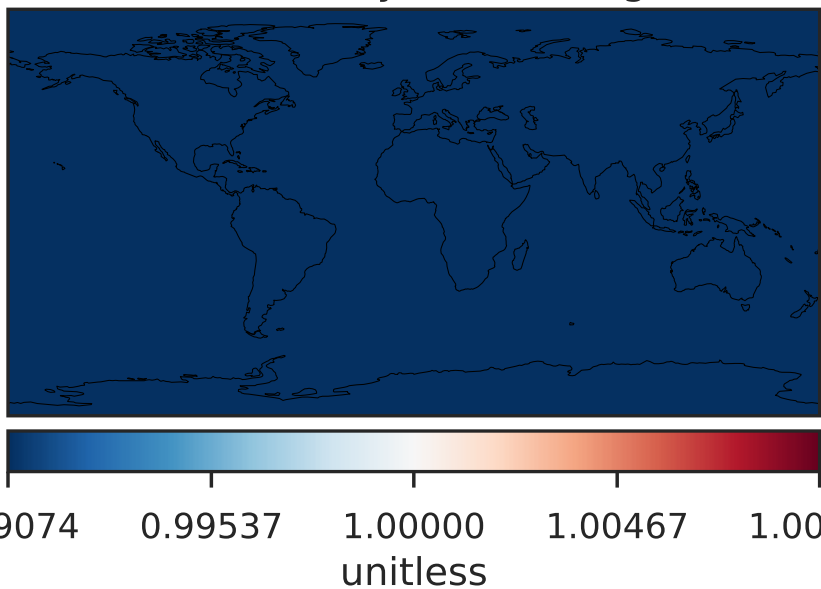
Difference (1x1.25)
Dev - Ref, Dynamic Range



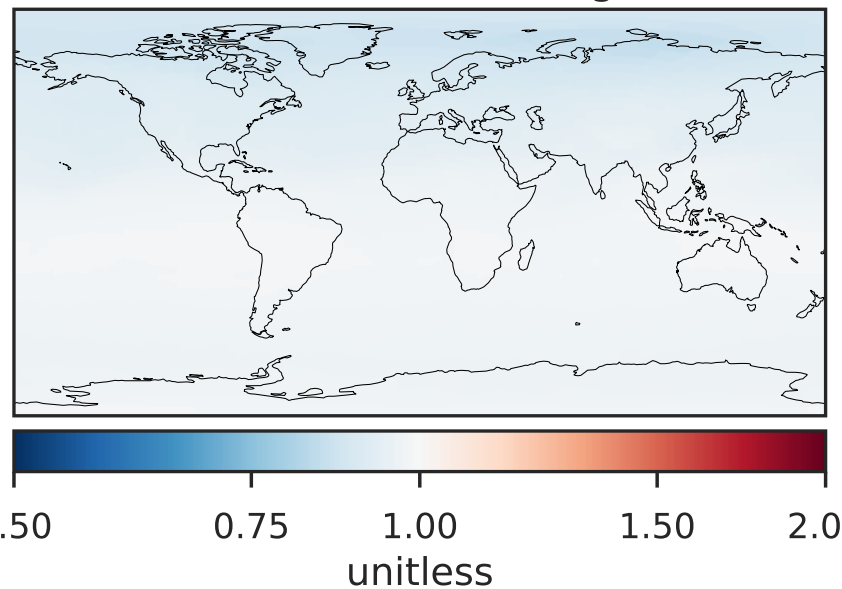
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

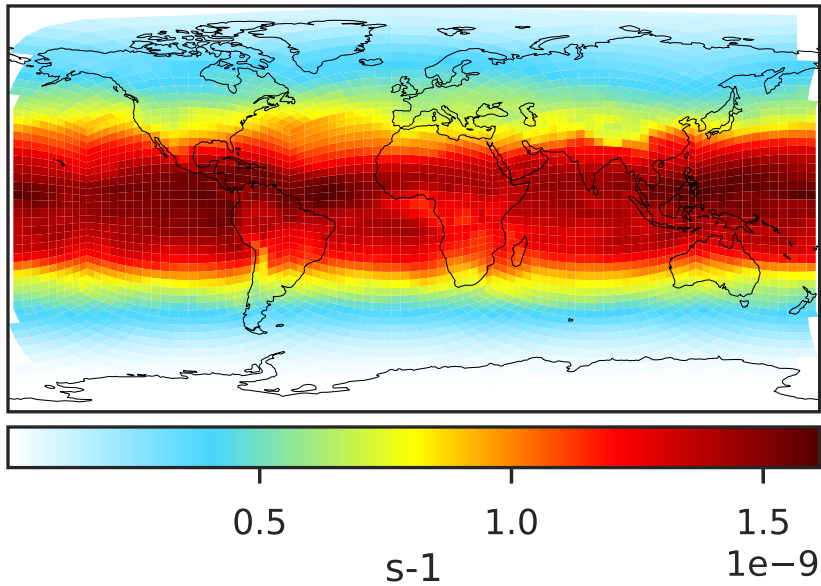


Ratio (1x1.25)
Dev/Ref, Fixed Range

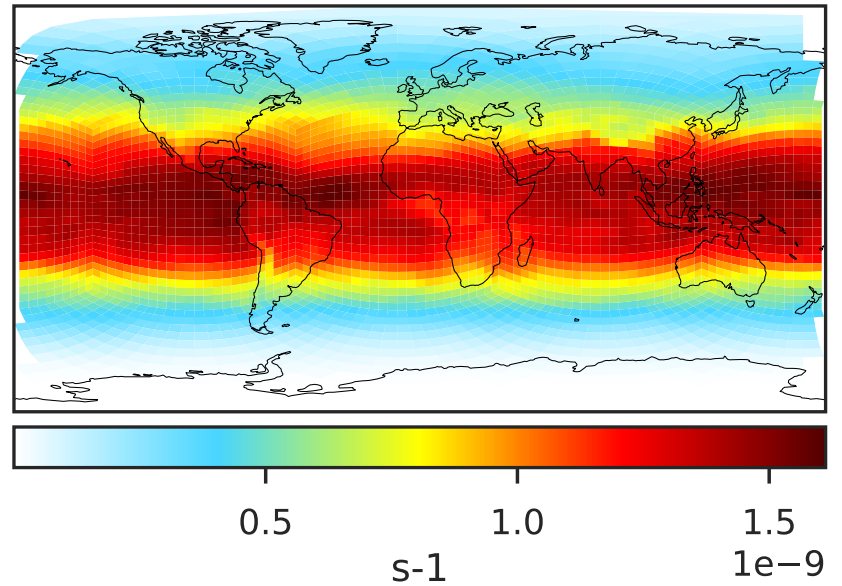


Jval_H2402 (Apr2019)

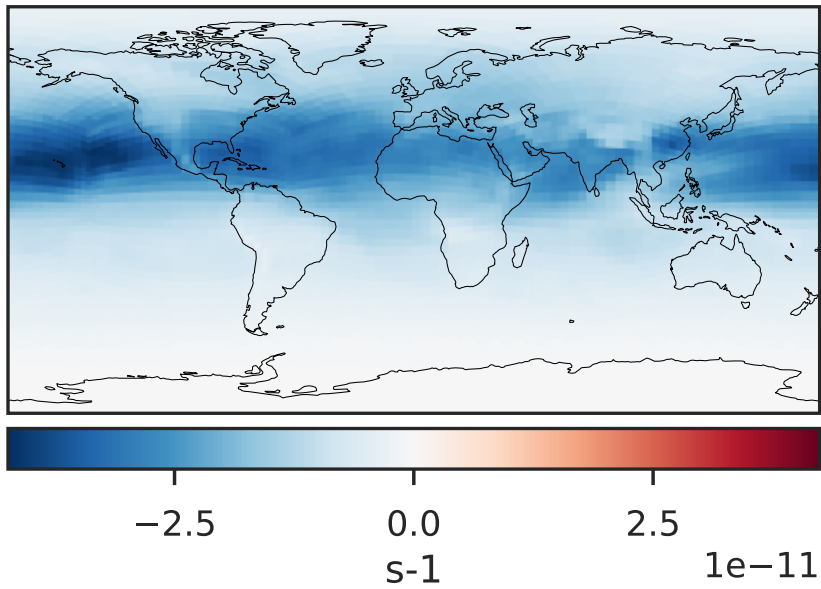
GCHP_14.0.0 (Ref)
c24



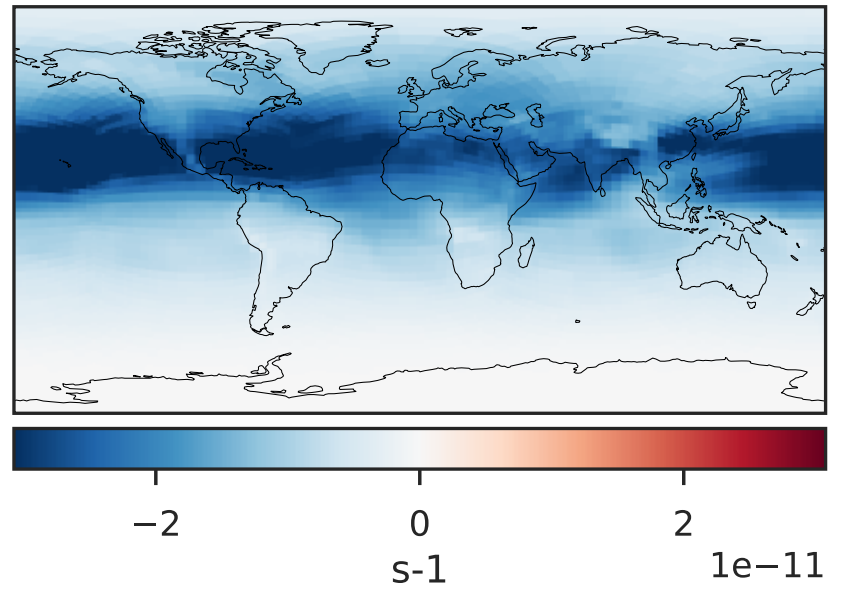
GCHP_14.2.0 (Dev)
c24



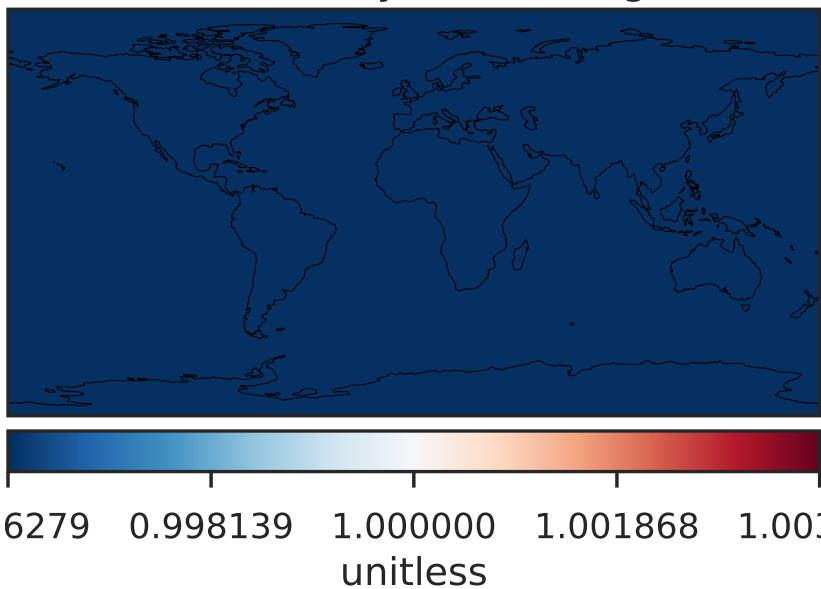
Difference (1x1.25)
Dev - Ref, Dynamic Range



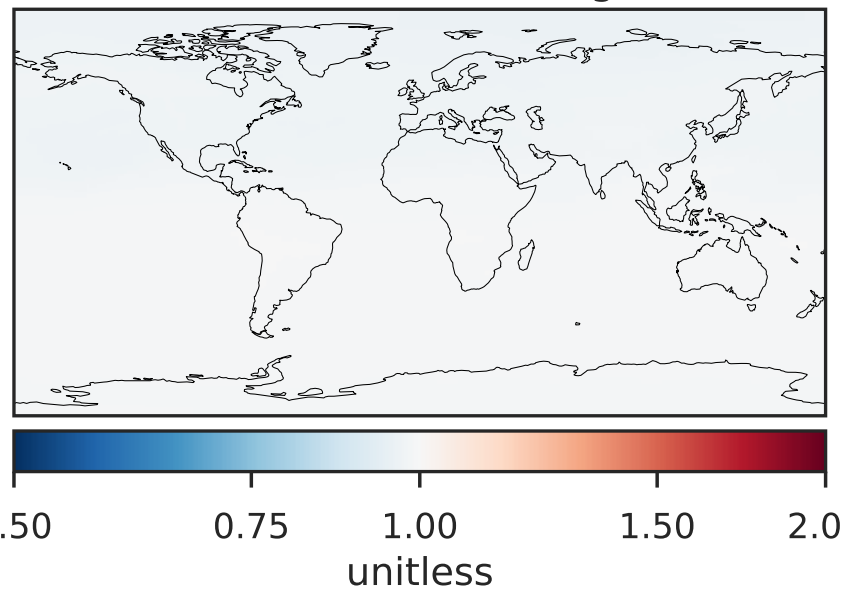
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

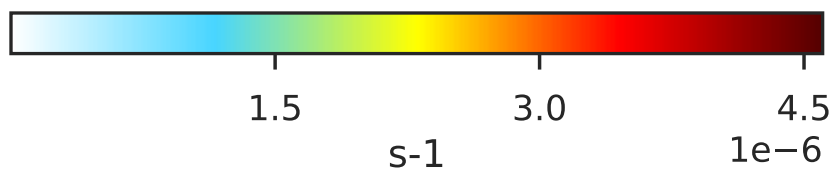
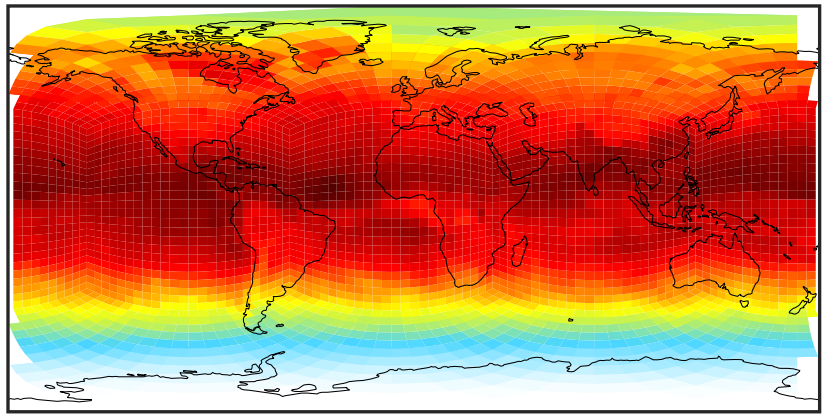


Ratio (1x1.25)
Dev/Ref, Fixed Range

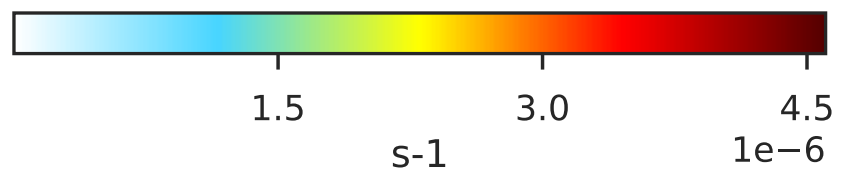
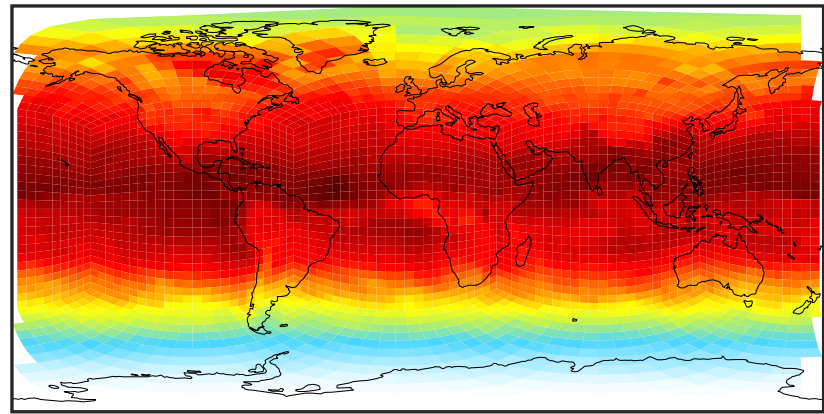


Jval_H2O2 (Apr2019)

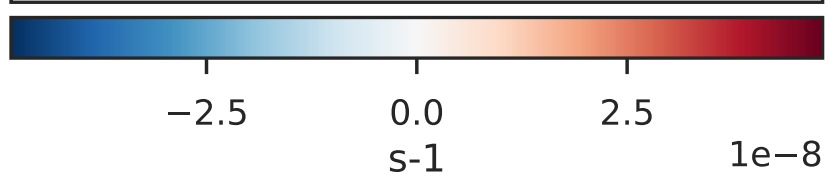
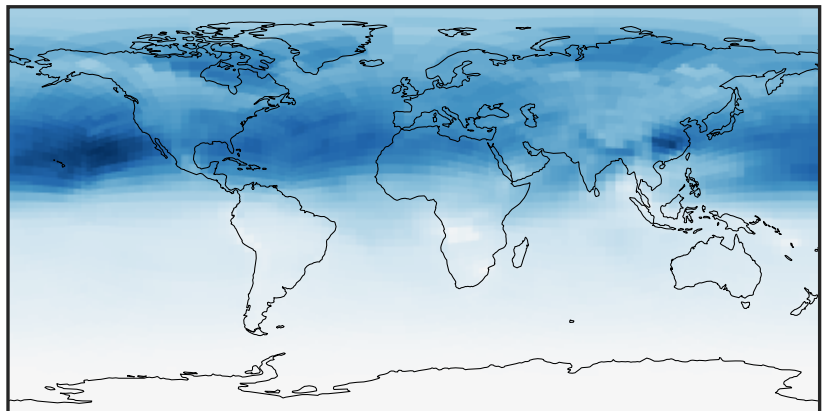
GCHP_14.0.0 (Ref)
c24



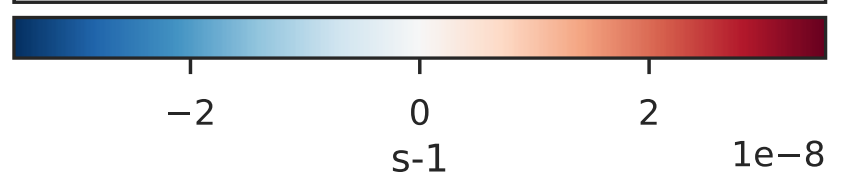
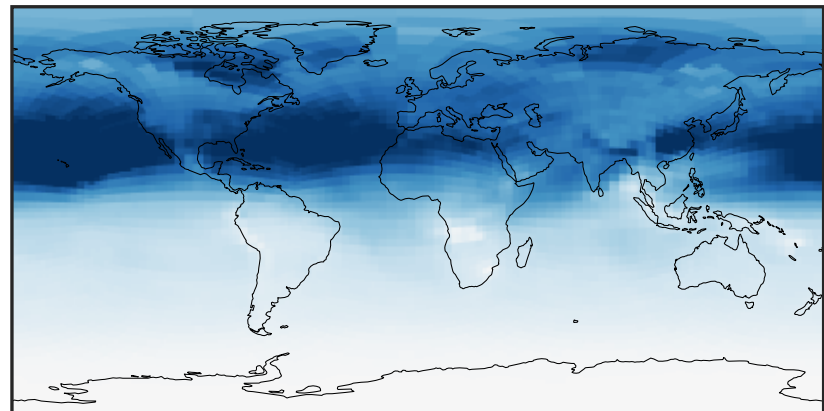
GCHP_14.2.0 (Dev)
c24



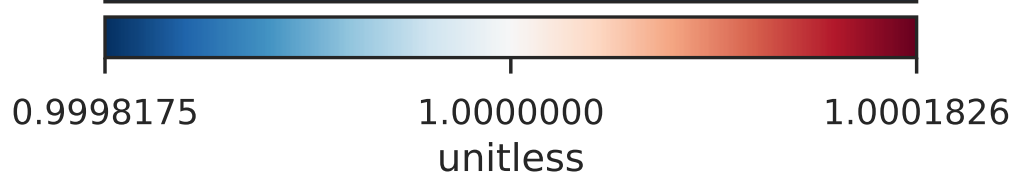
Difference (1x1.25)
Dev - Ref, Dynamic Range



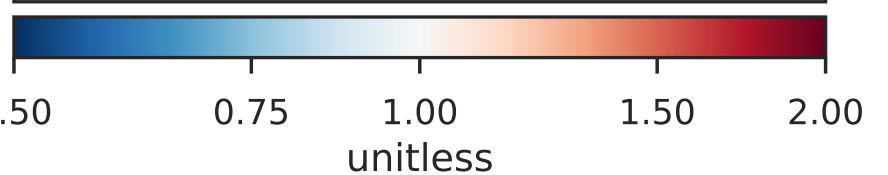
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

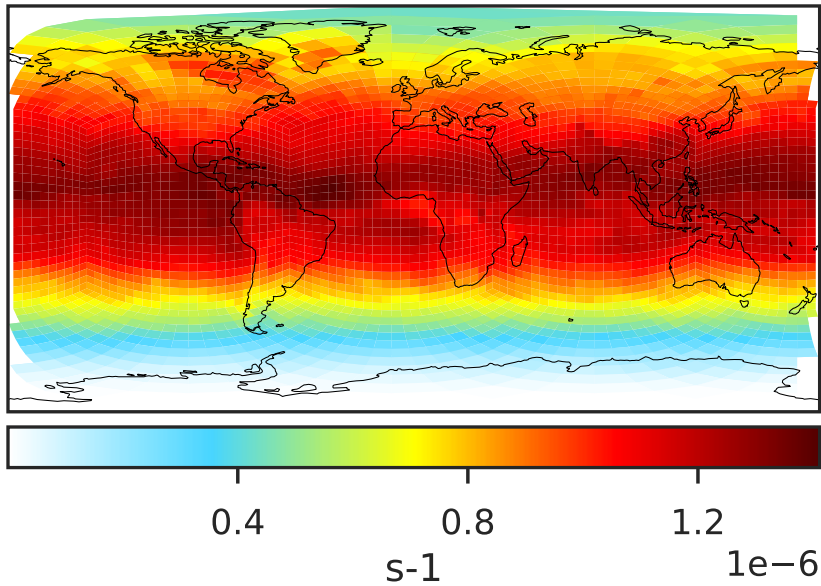


Ratio (1x1.25)
Dev/Ref, Fixed Range

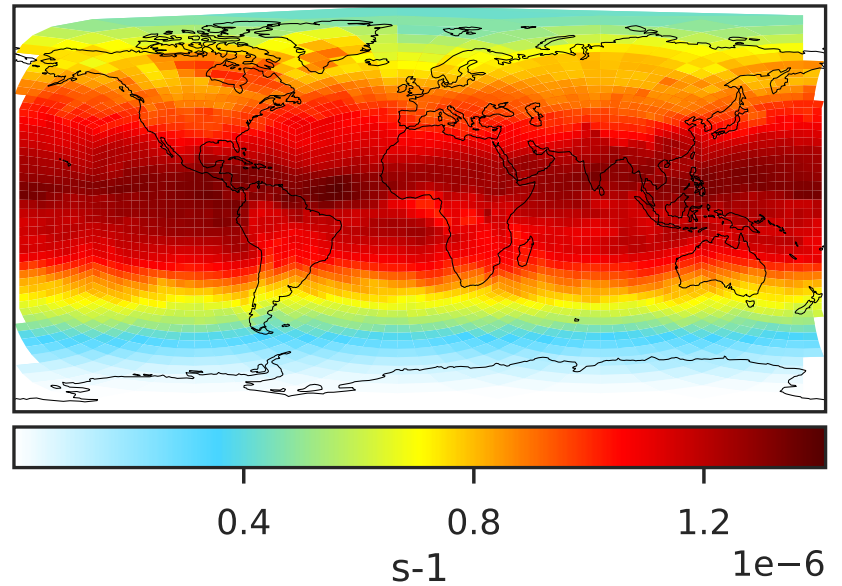


Jval_HAC (Apr2019)

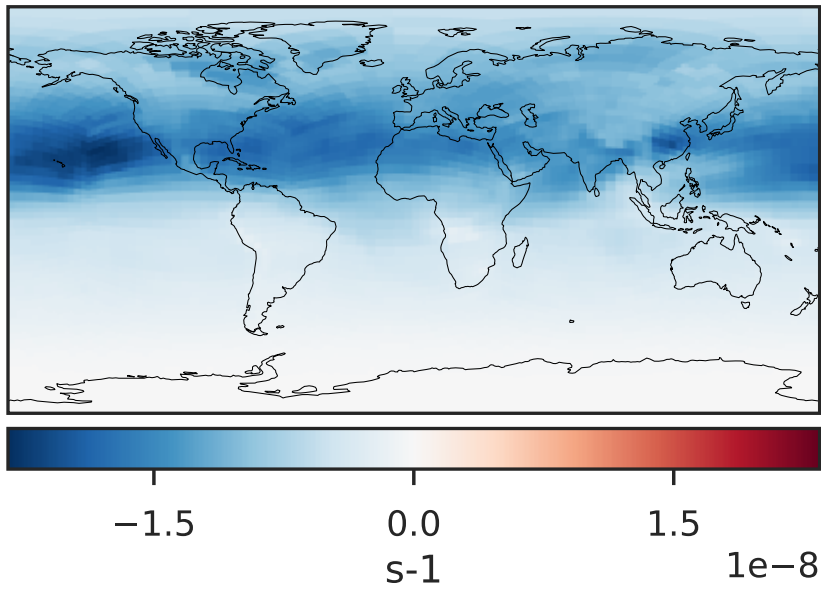
GCHP_14.0.0 (Ref)
c24



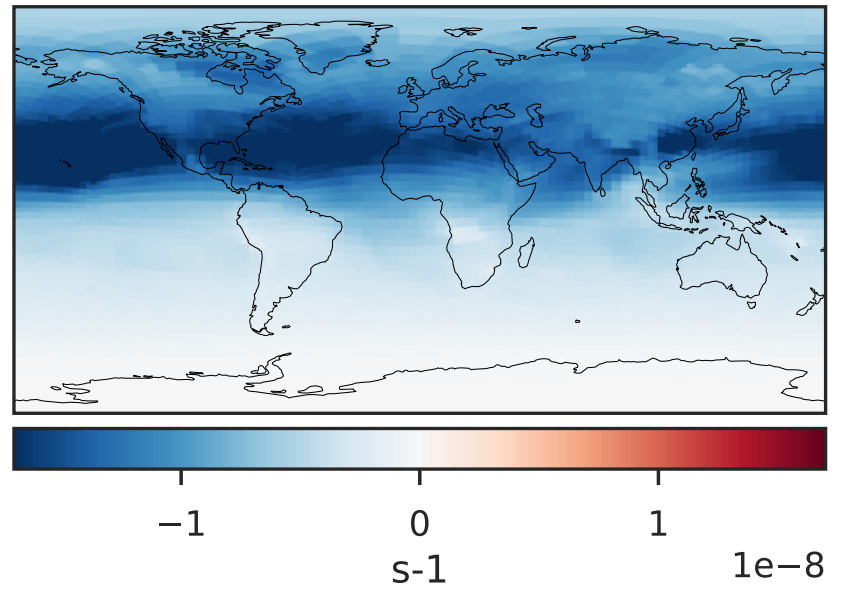
GCHP_14.2.0 (Dev)
c24



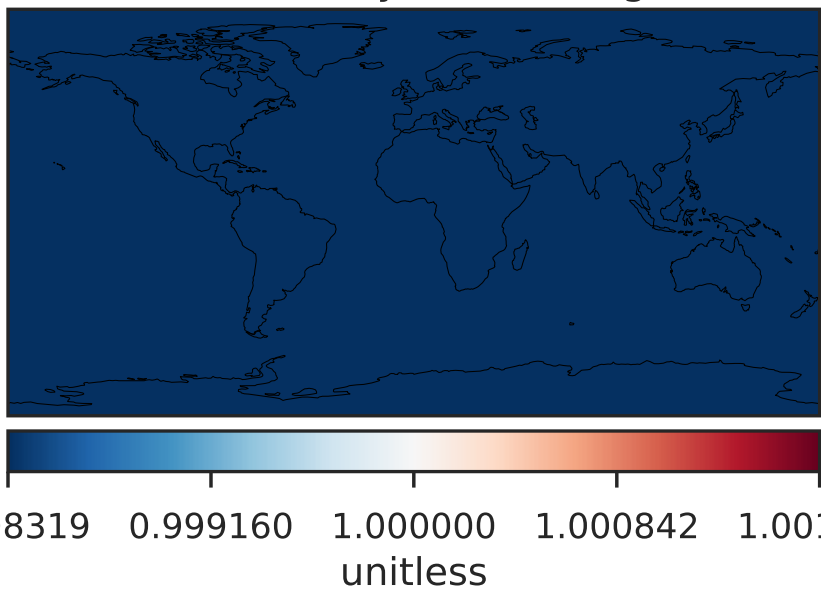
Difference (1x1.25)
Dev - Ref, Dynamic Range



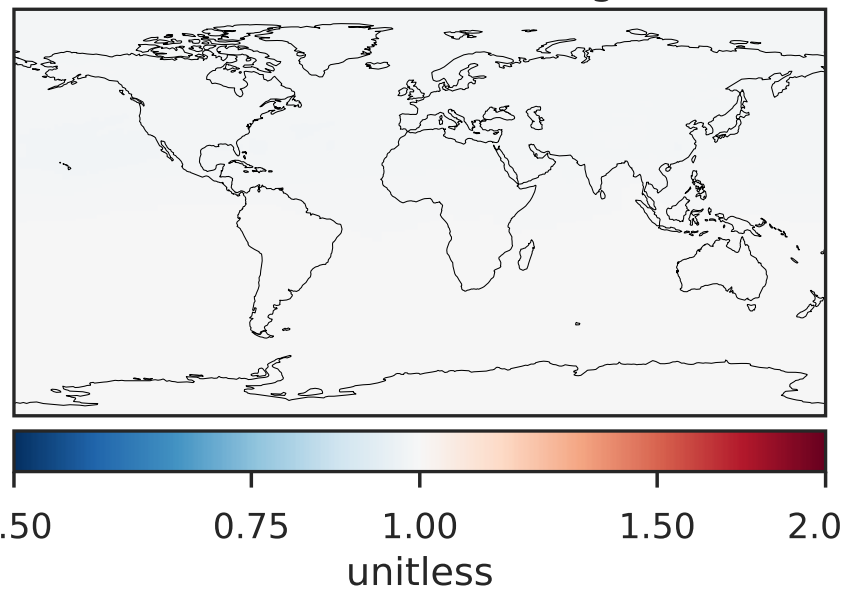
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range



Ratio (1x1.25)
Dev/Ref, Fixed Range



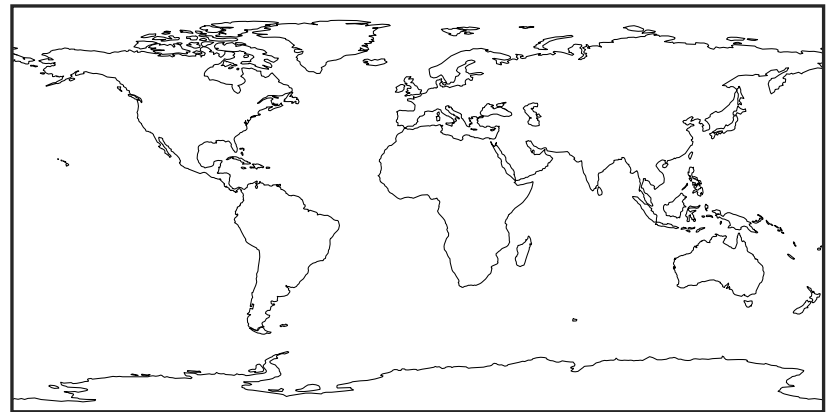
Jval_HC5A (Apr2019)

GCHP_14.0.0 (Ref)
c24



Zero throughput domain
s-1

GCHP_14.2.0 (Dev)
c24



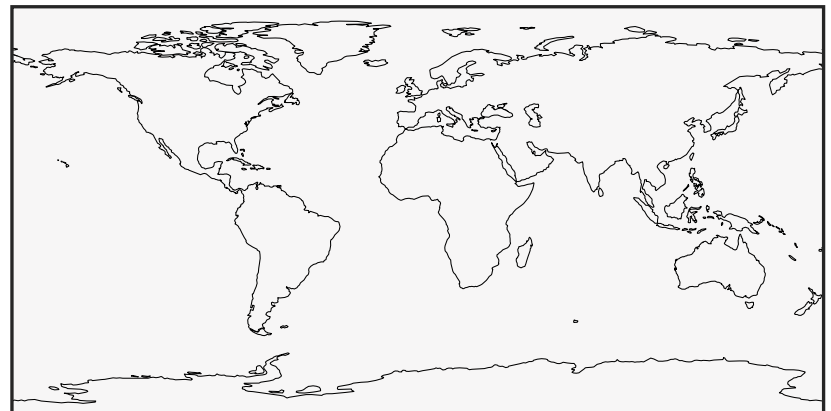
Zero throughput domain
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



Zero throughput domain
s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Zero throughput domain
s-1

Ratio (1x1.25)
Dev/Ref, Dynamic Range



Undefined throughput domain
unitless

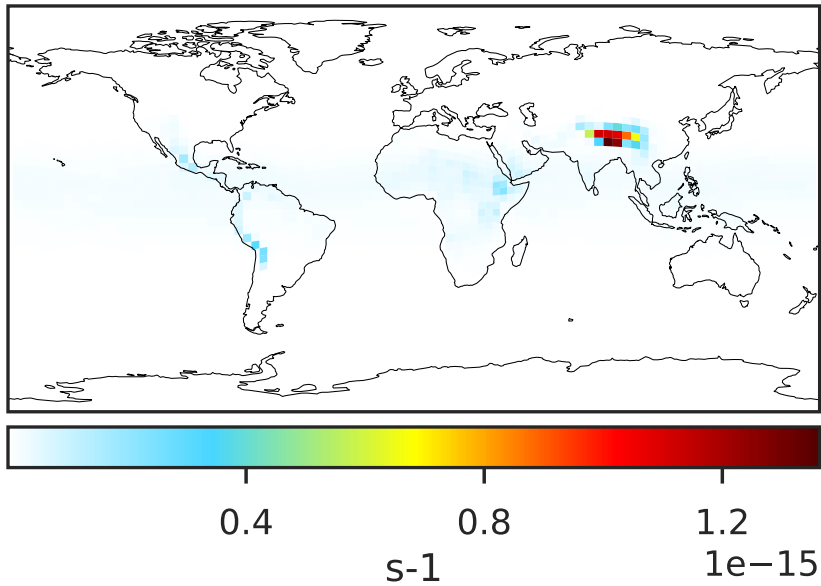
Ratio (1x1.25)
Dev/Ref, Fixed Range



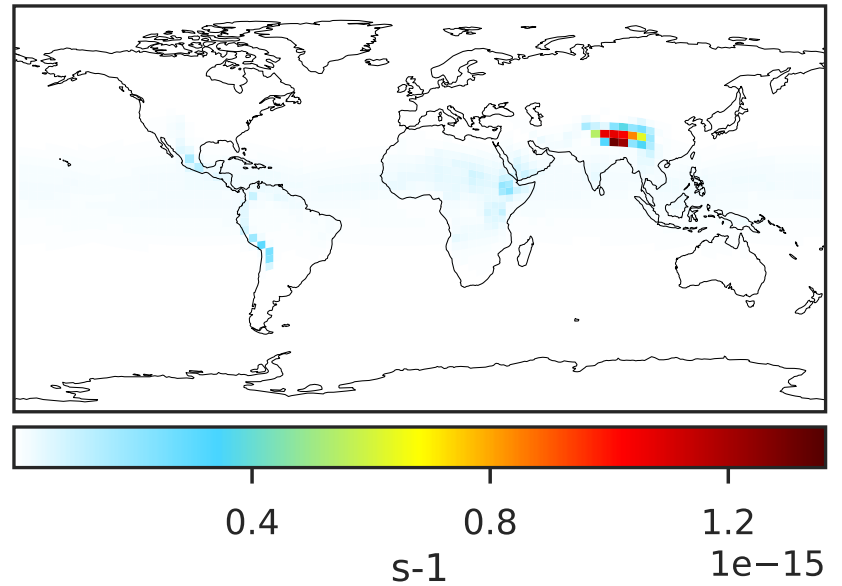
Undefined throughput domain
unitless

Jval_HCFC123 (Apr2019)

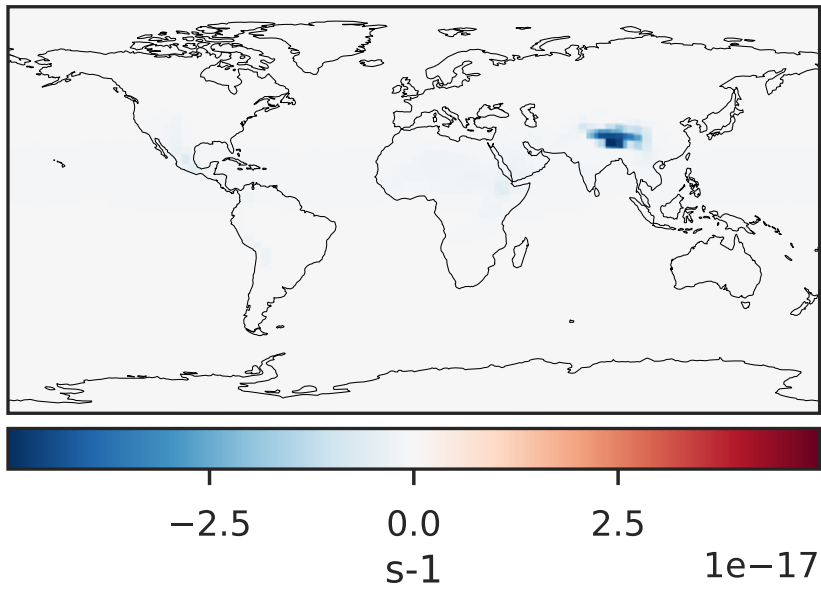
GCHP_14.0.0 (Ref)
c24



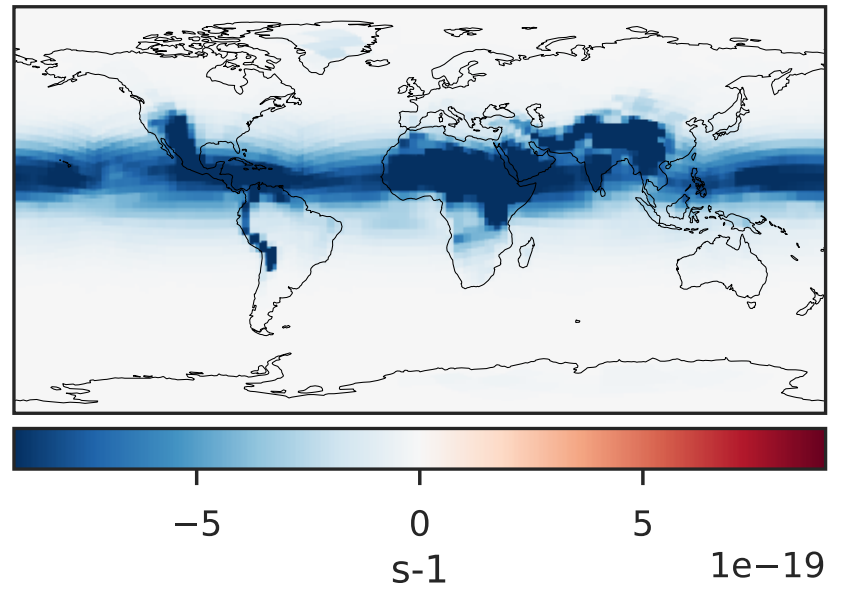
GCHP_14.2.0 (Dev)
c24



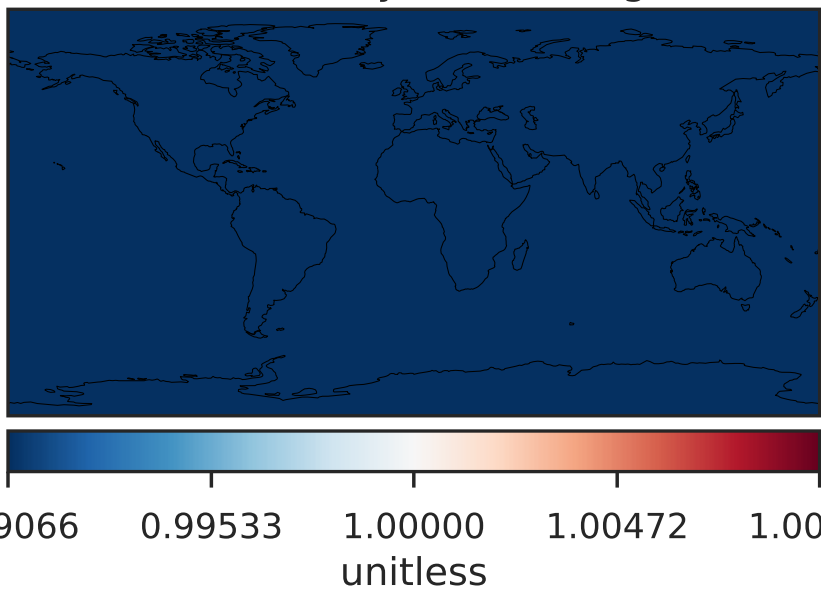
Difference (1x1.25)
Dev - Ref, Dynamic Range



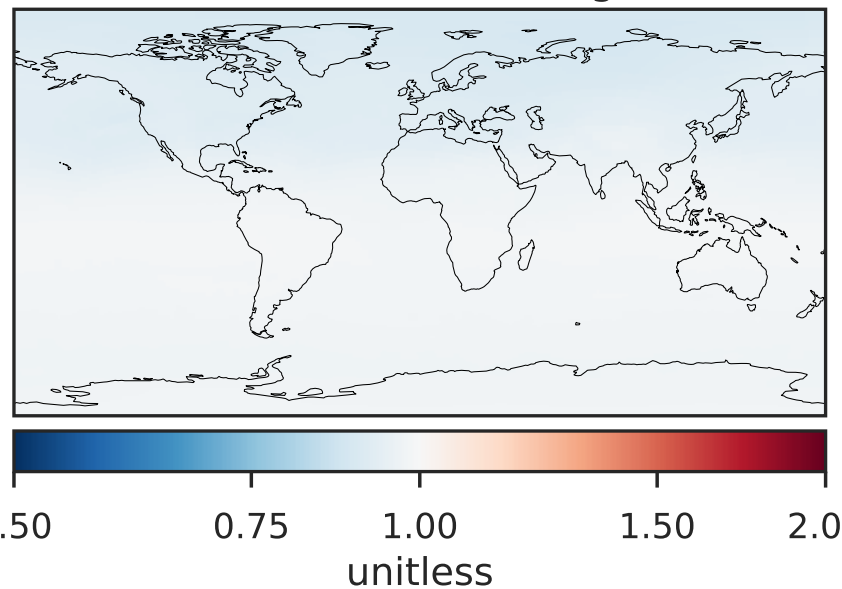
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

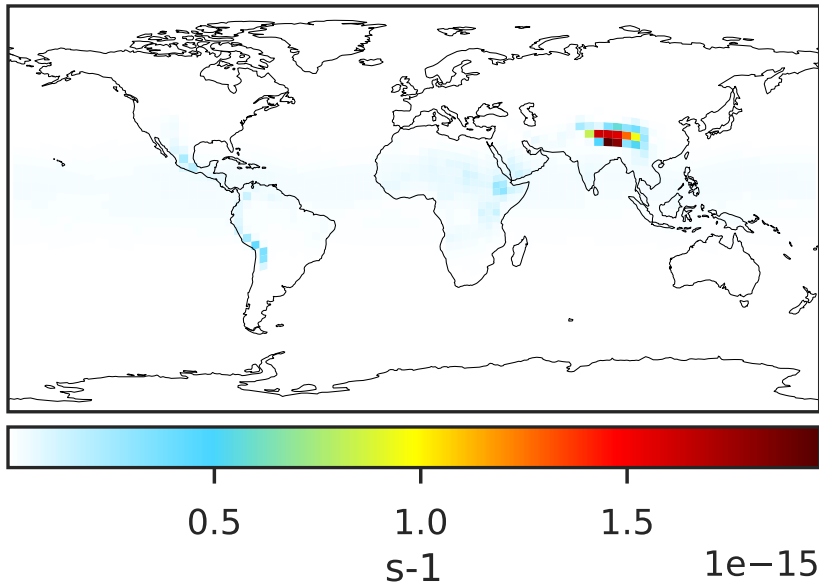


Ratio (1x1.25)
Dev/Ref, Fixed Range

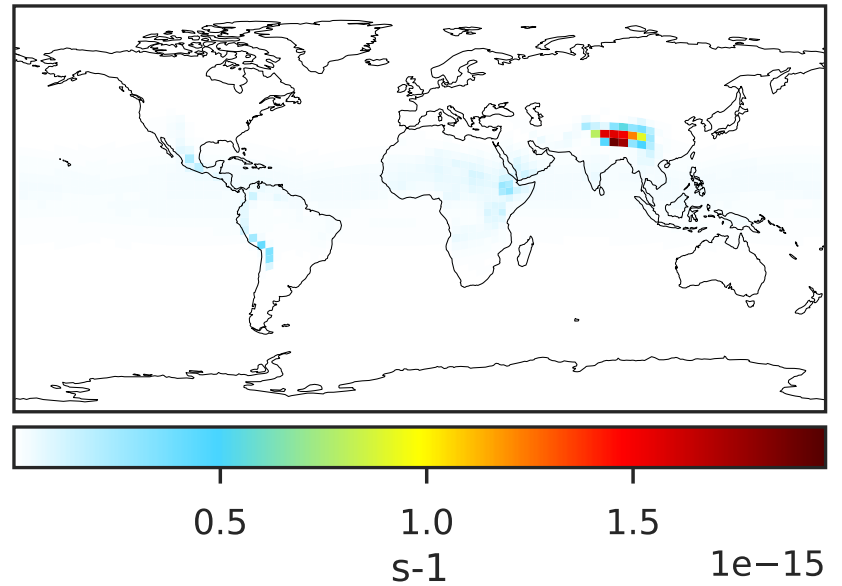


Jval_HCFC141b (Apr2019)

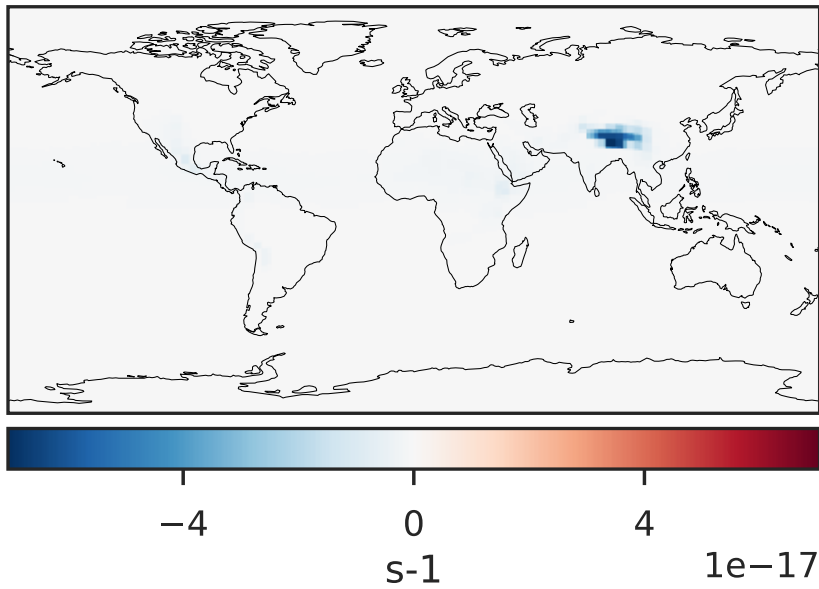
GCHP_14.0.0 (Ref)
c24



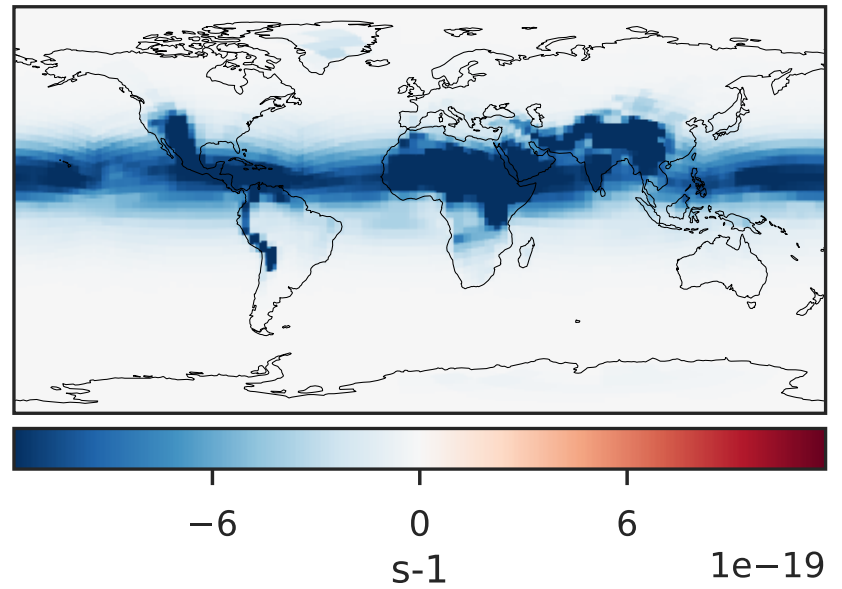
GCHP_14.2.0 (Dev)
c24



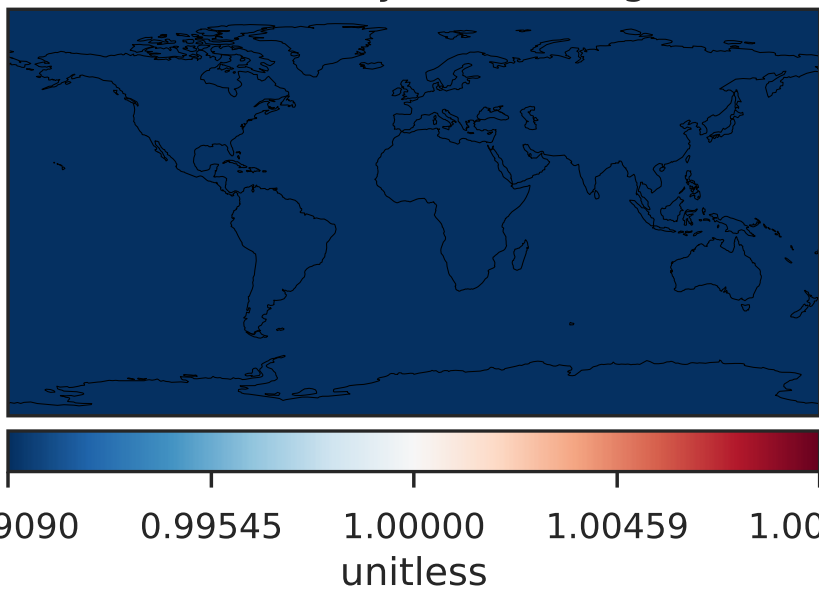
Difference (1x1.25)
Dev - Ref, Dynamic Range



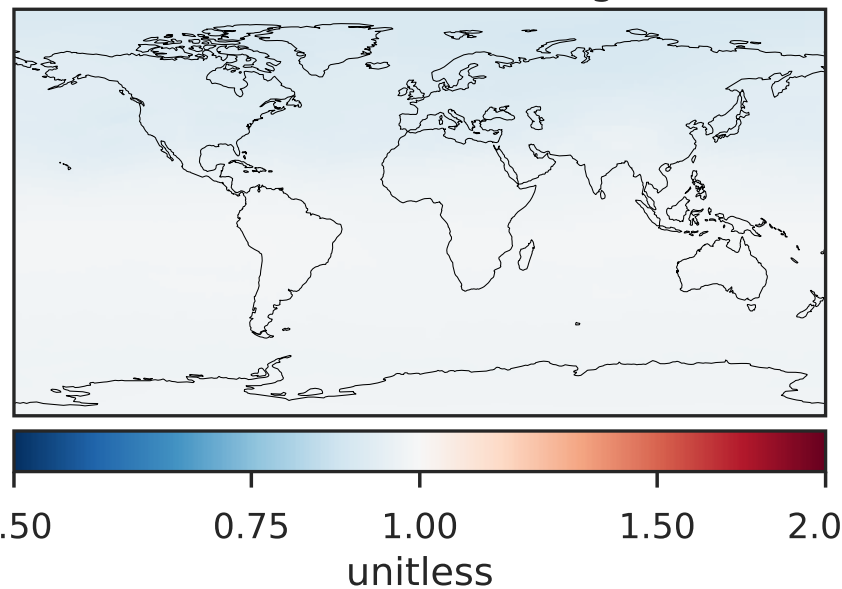
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

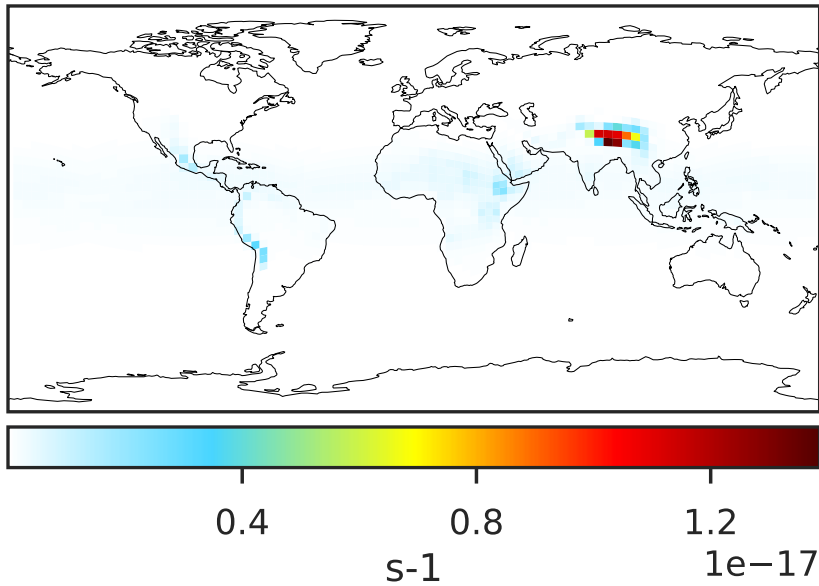


Ratio (1x1.25)
Dev/Ref, Fixed Range

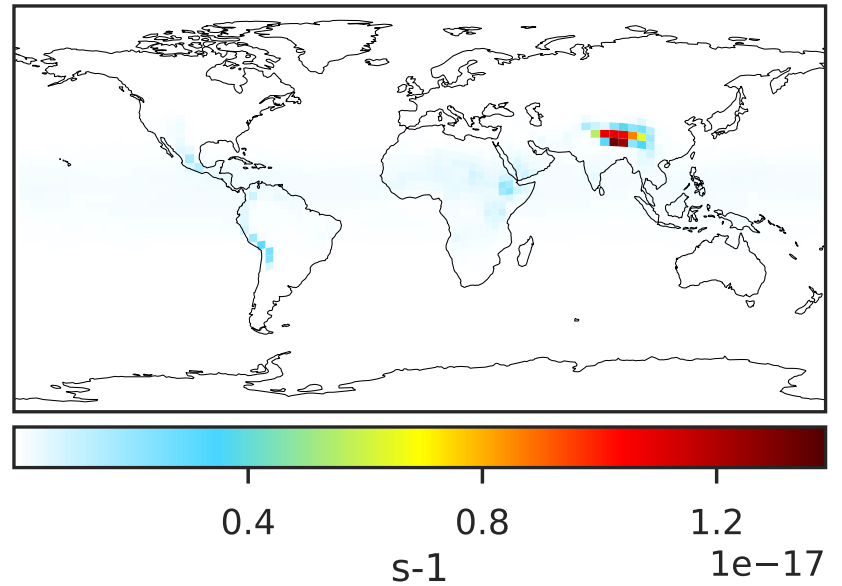


Jval_HCFC142b (Apr2019)

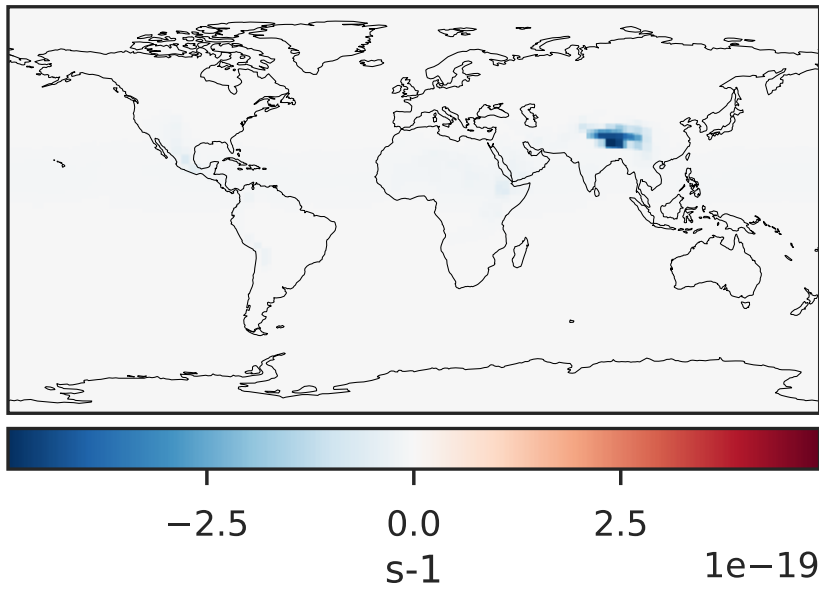
GCHP_14.0.0 (Ref)
c24



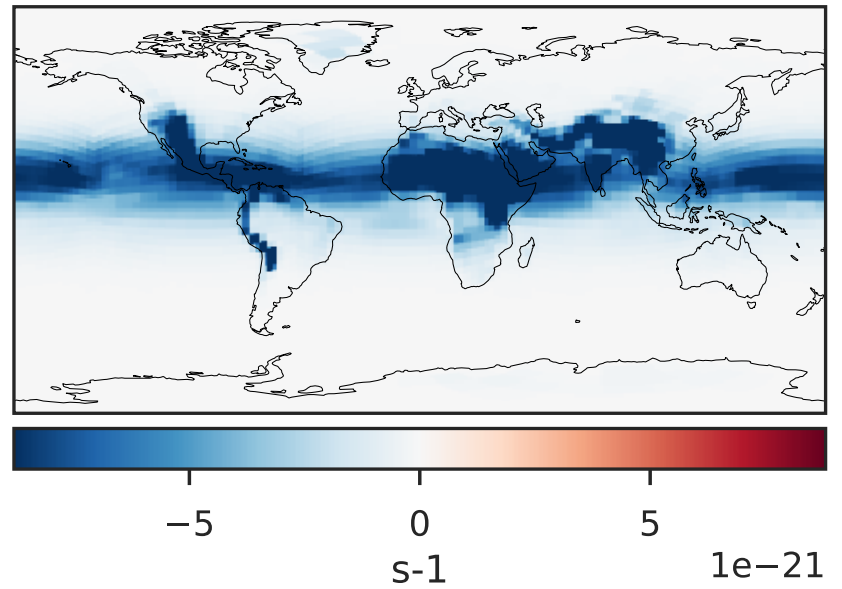
GCHP_14.2.0 (Dev)
c24



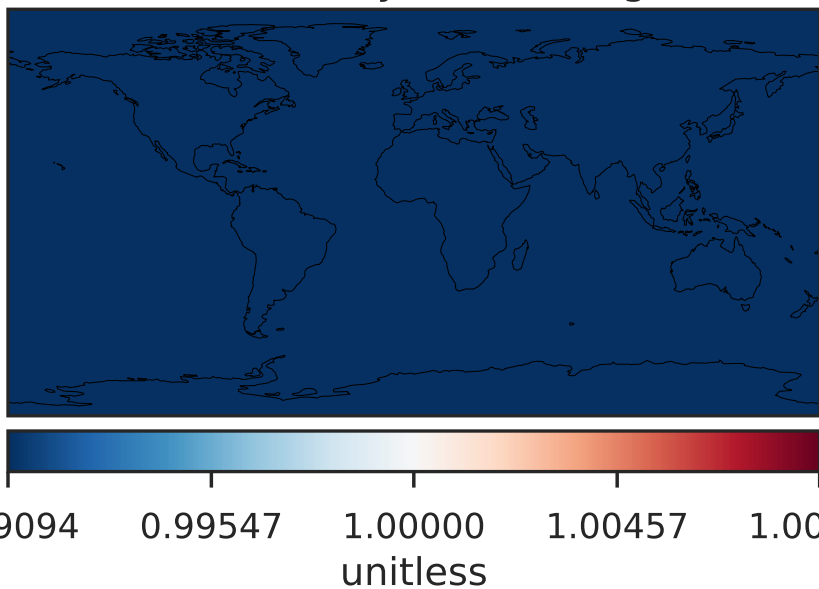
Difference (1x1.25)
Dev - Ref, Dynamic Range



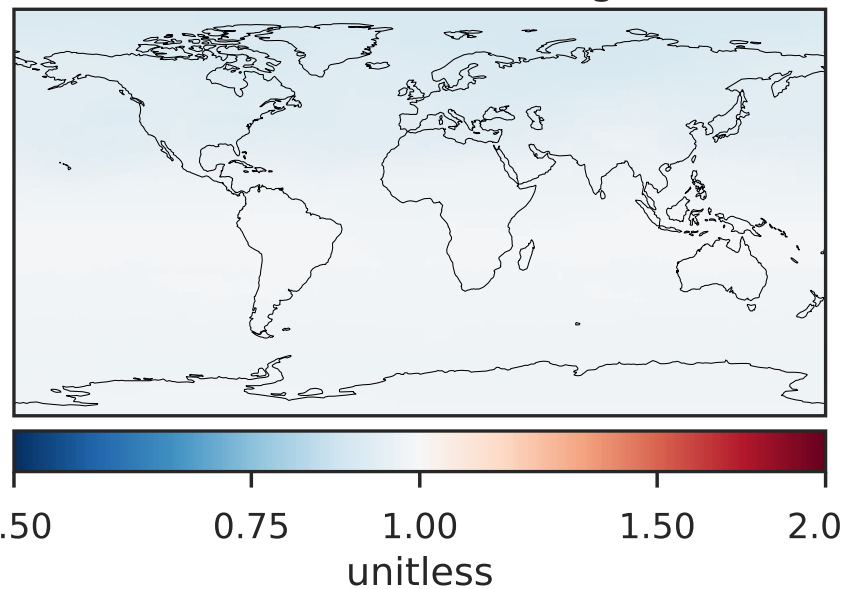
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

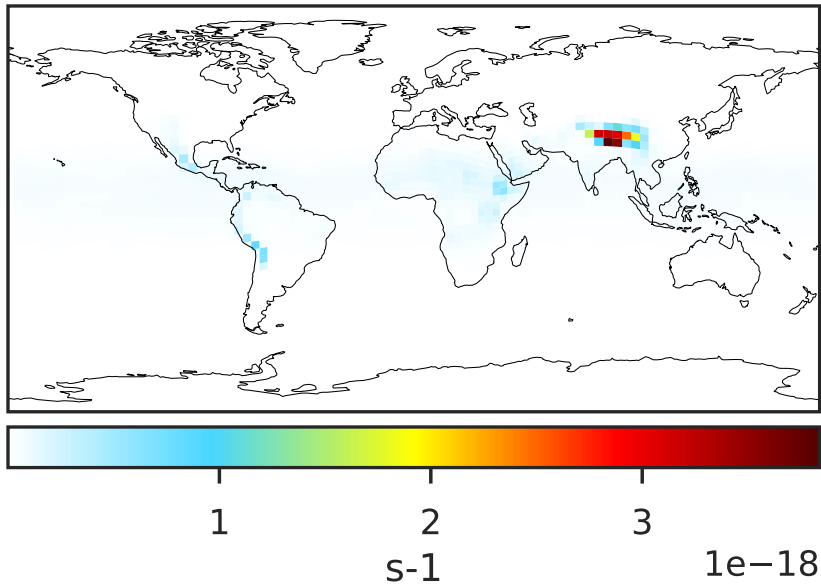


Ratio (1x1.25)
Dev/Ref, Fixed Range

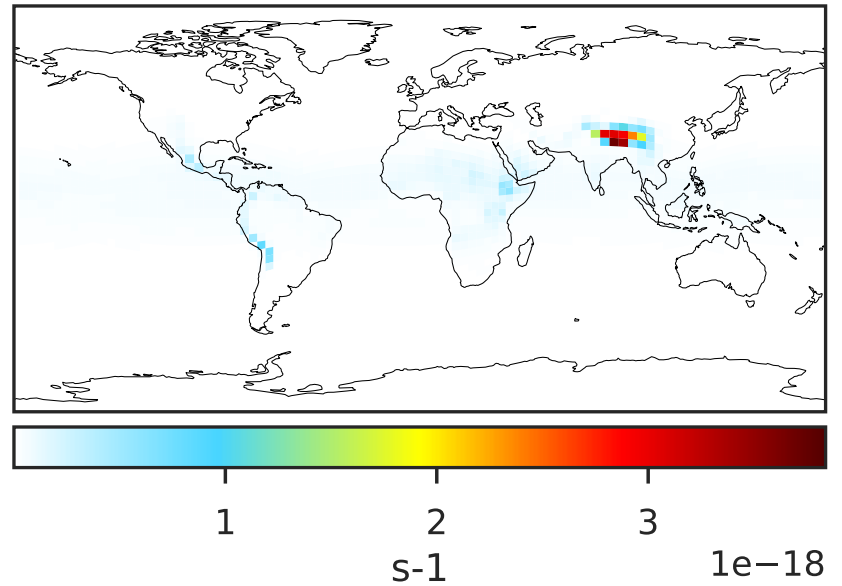


Jval_HCFC22 (Apr2019)

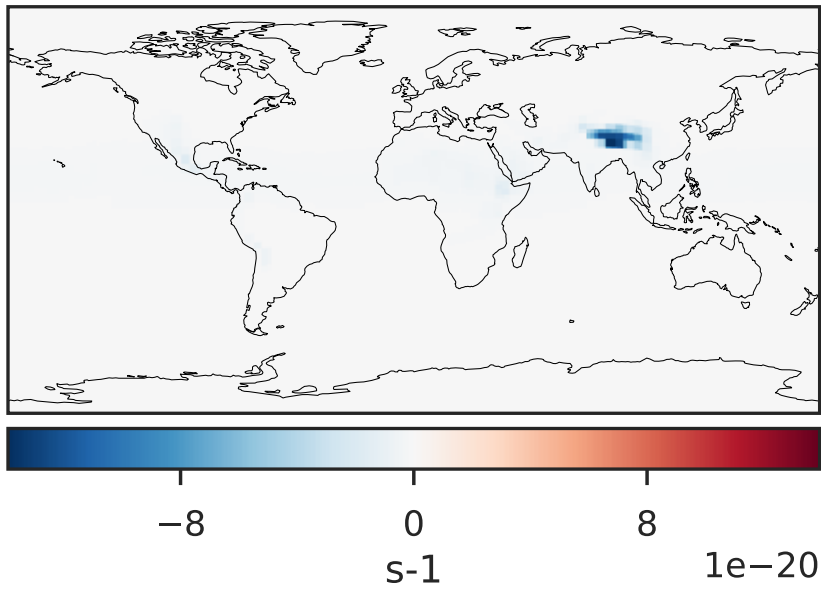
GCHP_14.0.0 (Ref)
c24



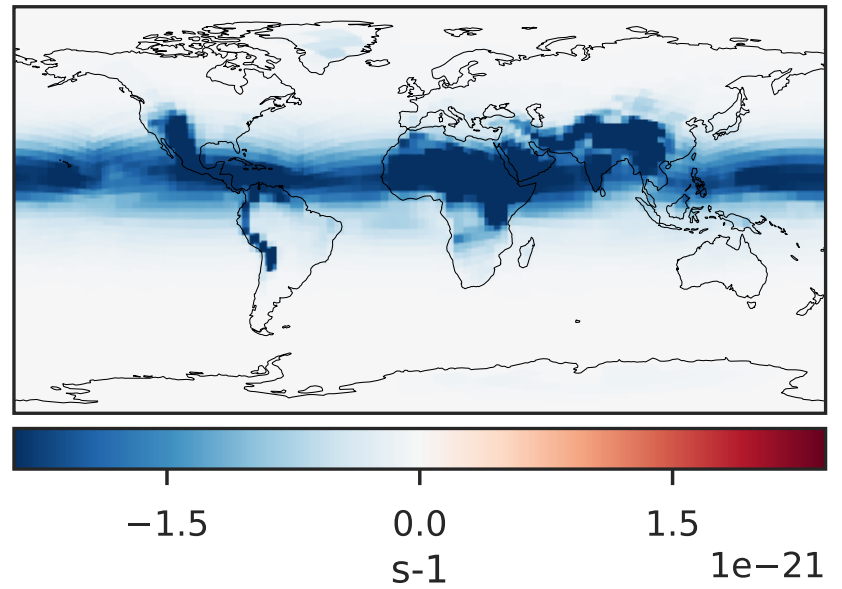
GCHP_14.2.0 (Dev)
c24



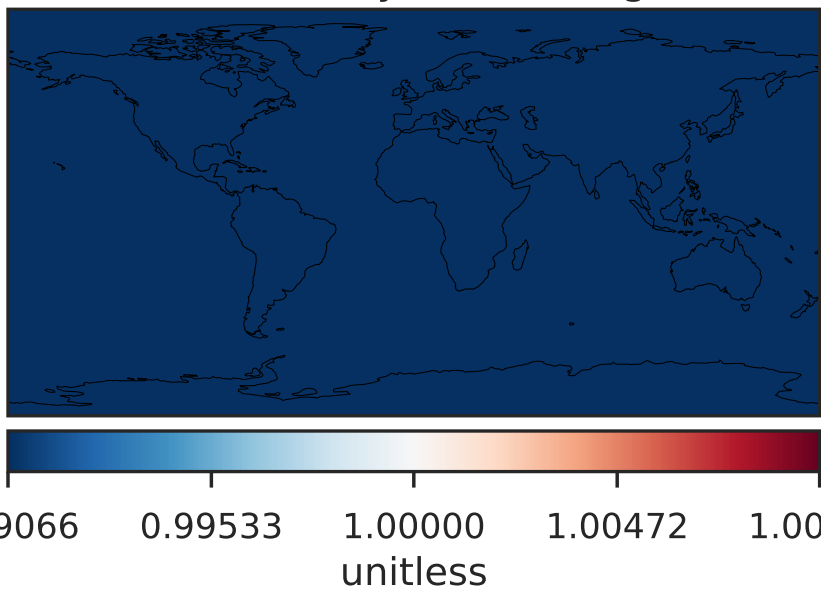
Difference (1x1.25)
Dev - Ref, Dynamic Range



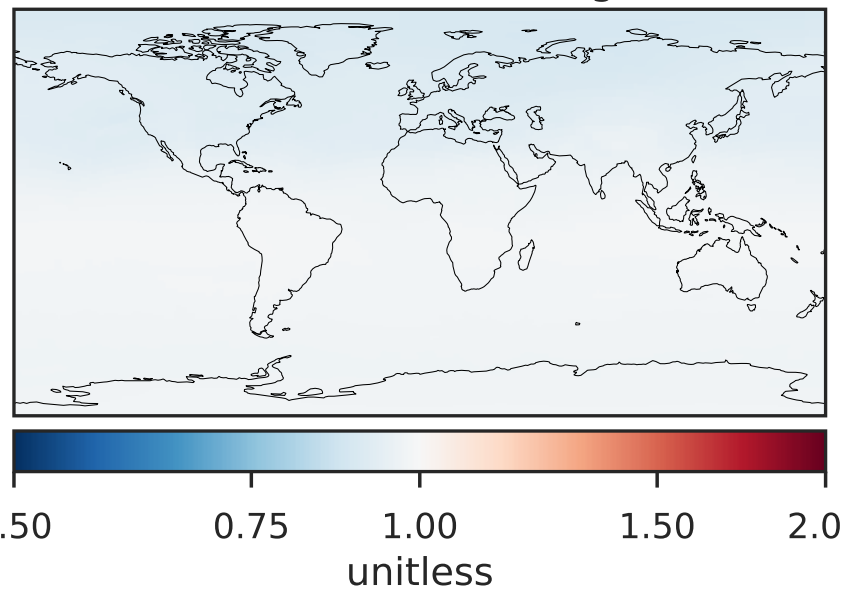
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

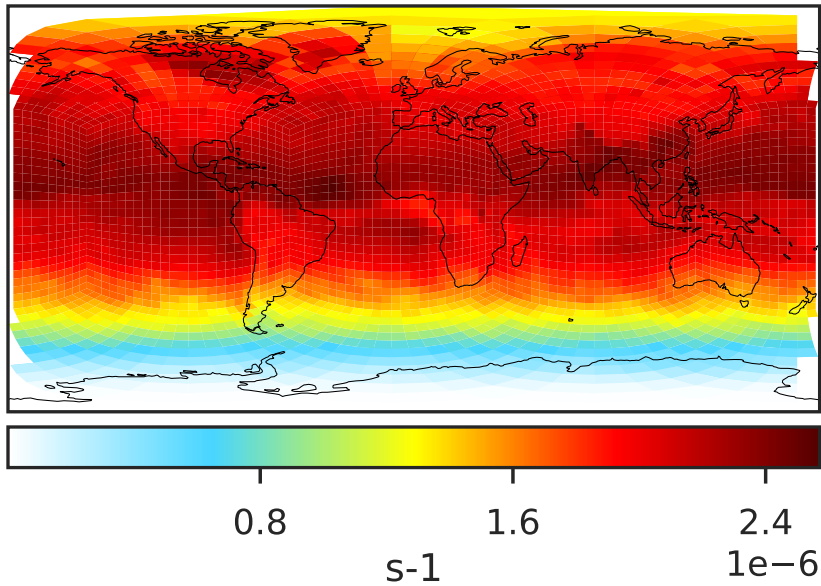


Ratio (1x1.25)
Dev/Ref, Fixed Range

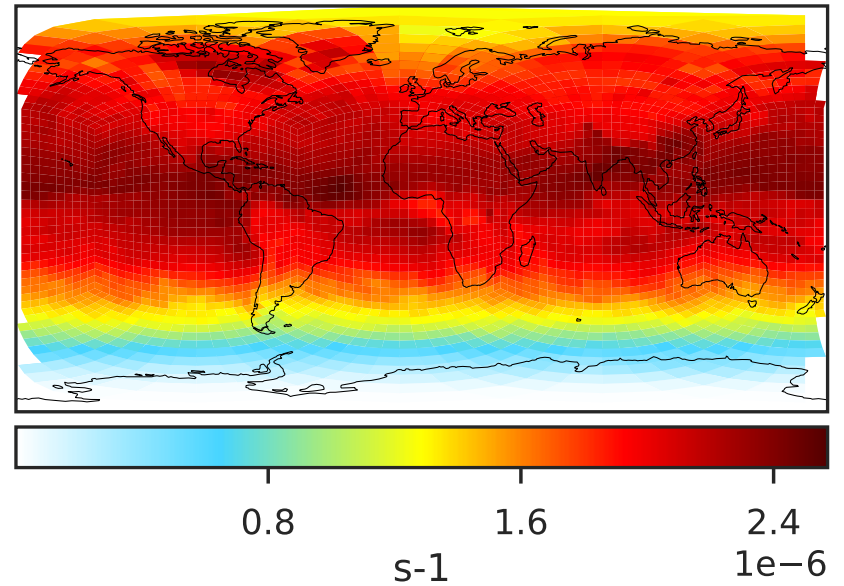


Jval_HMHP (Apr2019)

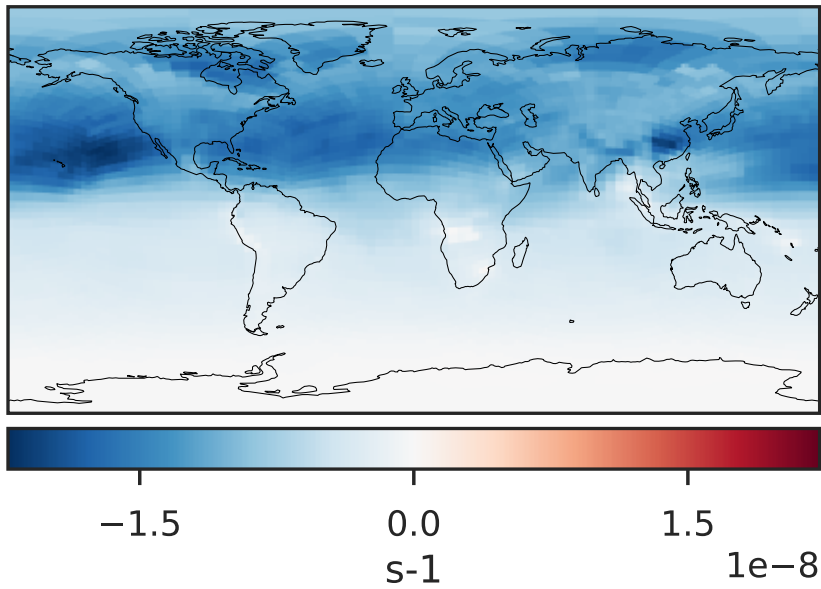
GCHP_14.0.0 (Ref)
c24



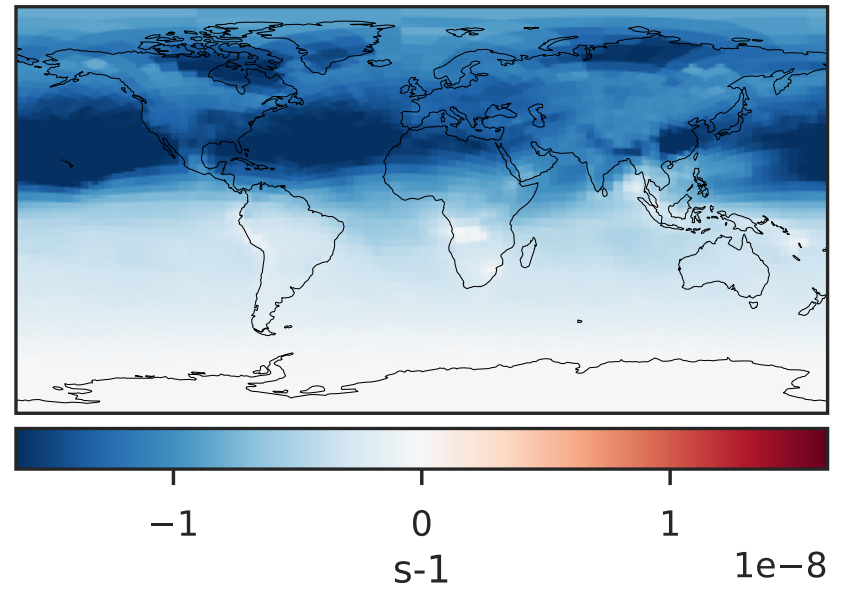
GCHP_14.2.0 (Dev)
c24



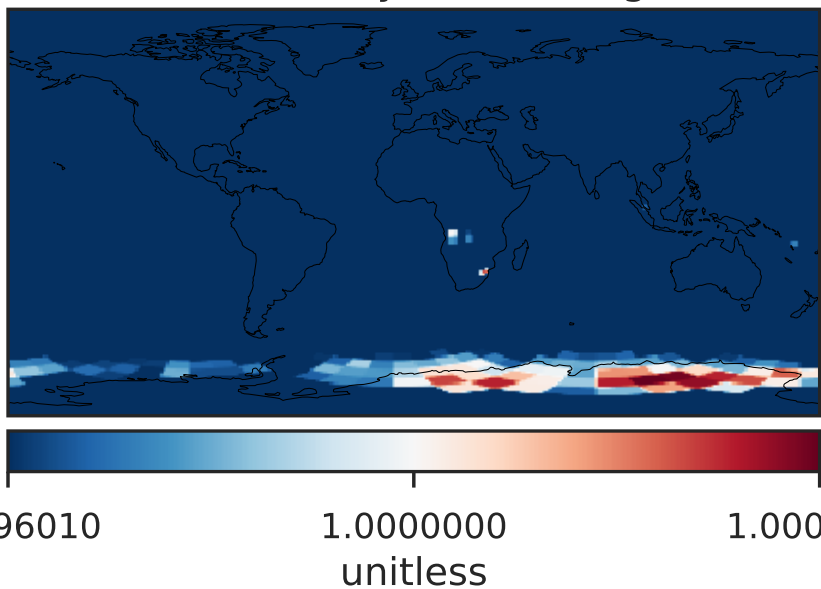
Difference (1x1.25)
Dev - Ref, Dynamic Range



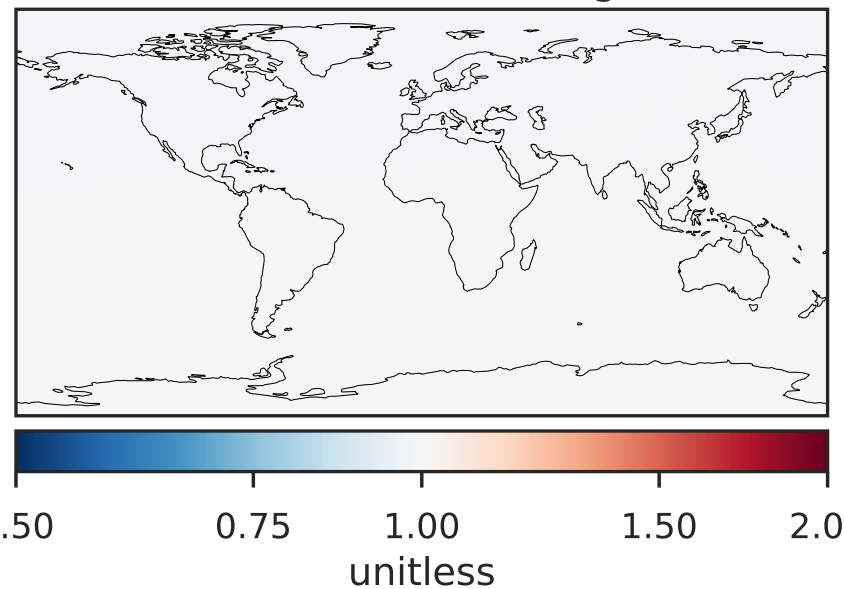
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range



Ratio (1x1.25)
Dev/Ref, Fixed Range



0.9996010

1.000000

1.0003992

unitless

0.50

0.75

1.00

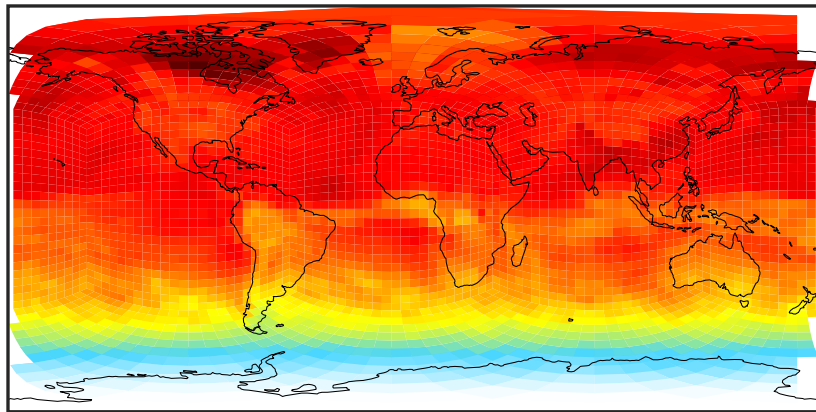
1.50

2.00

unitless

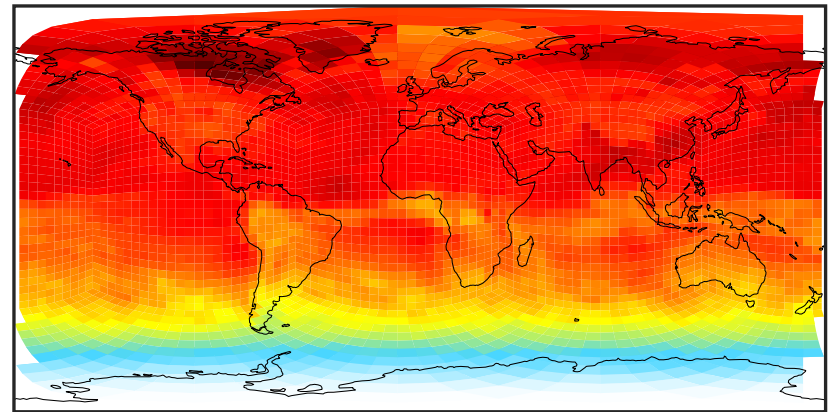
Jval_HNO2 (Apr2019)

GCHP_14.0.0 (Ref)
c24



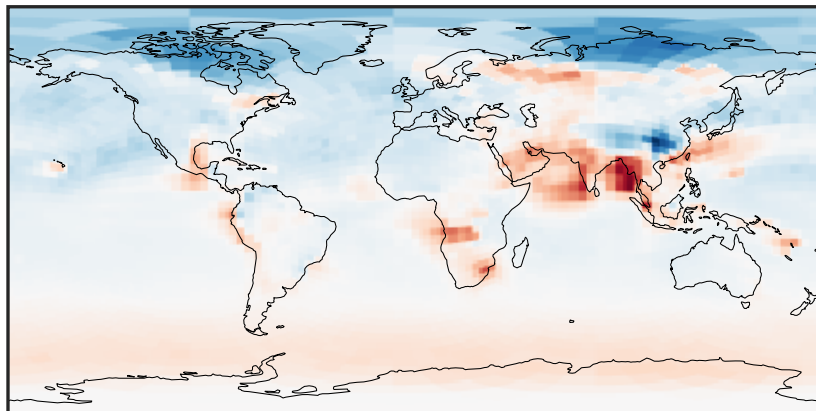
0.0003 0.0006 0.0009
s-1

GCHP_14.2.0 (Dev)
c24



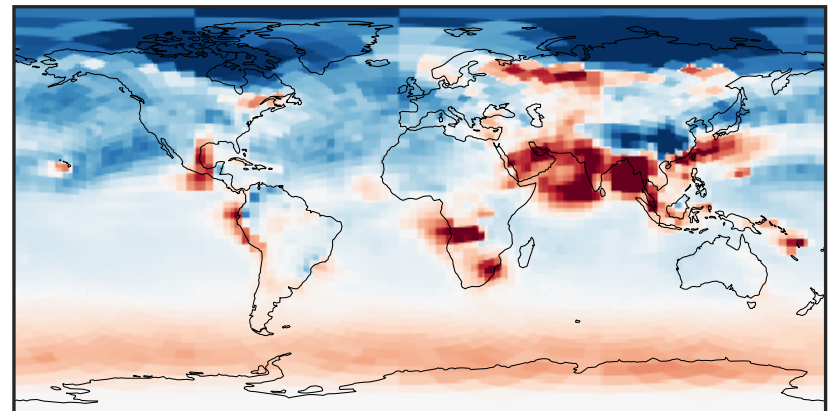
0.0003 0.0006 0.0009
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



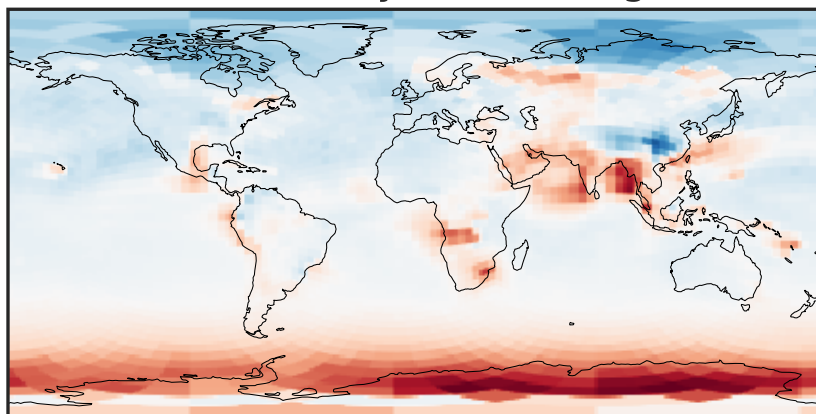
-1.5 0.0 1.5
s-1 1e-6

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



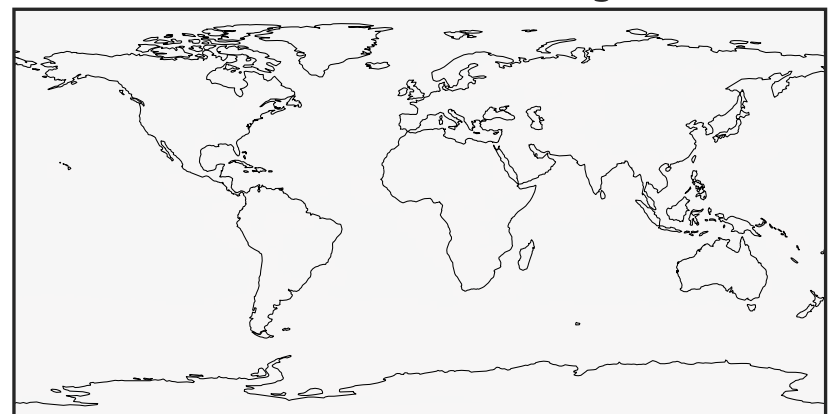
-5 0 5
s-1 1e-7

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.997223 0.998611 1.000000 1.001392 1.002785
unitless

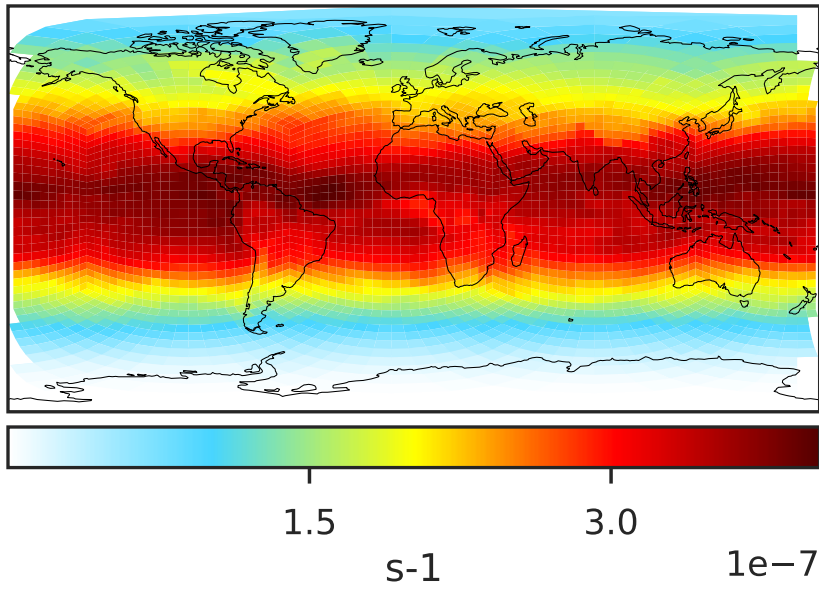
Ratio (1x1.25)
Dev/Ref, Fixed Range



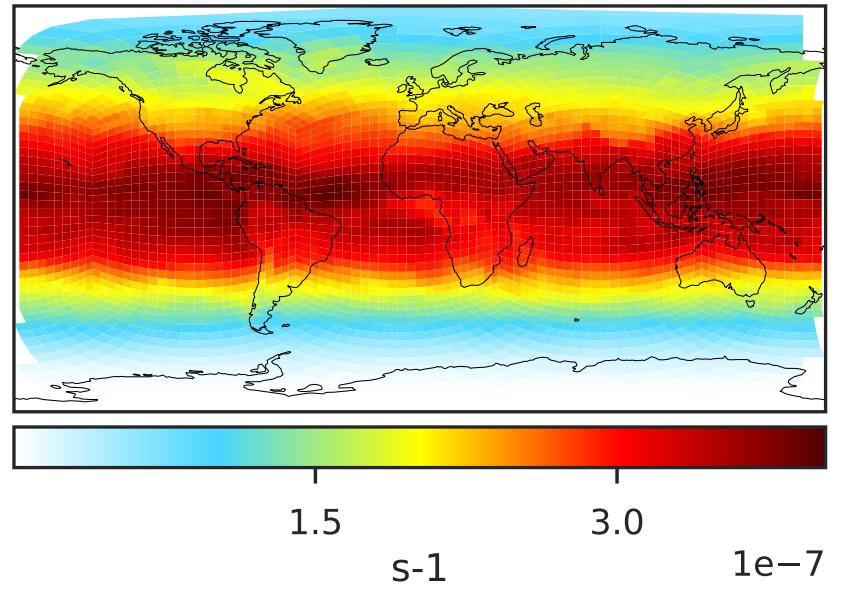
0.50 0.75 1.00 1.50 2.00
unitless

Jval_HNO3 (Apr2019)

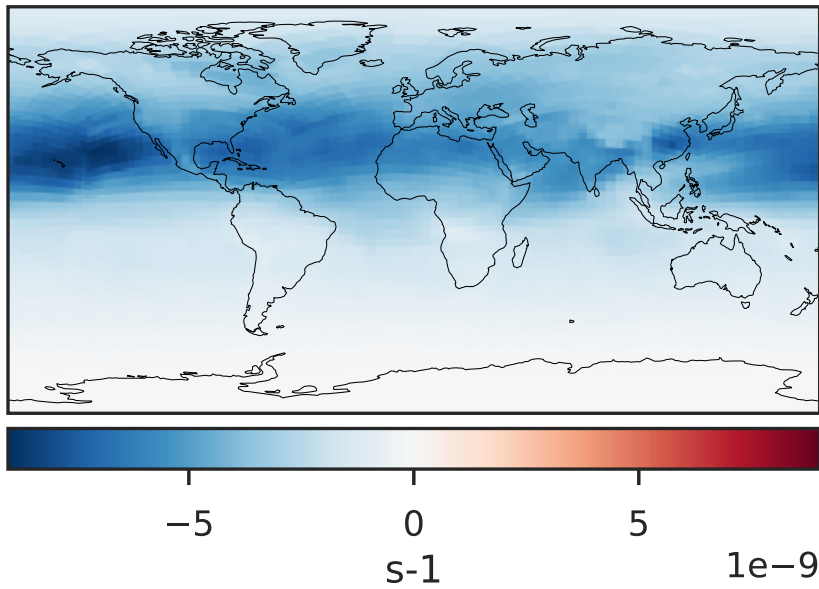
GCHP_14.0.0 (Ref)
c24



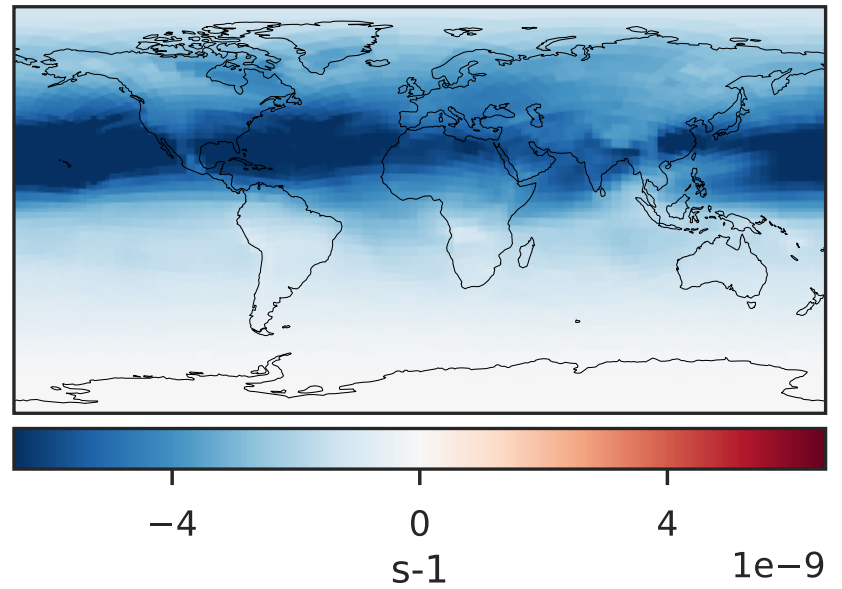
GCHP_14.2.0 (Dev)
c24



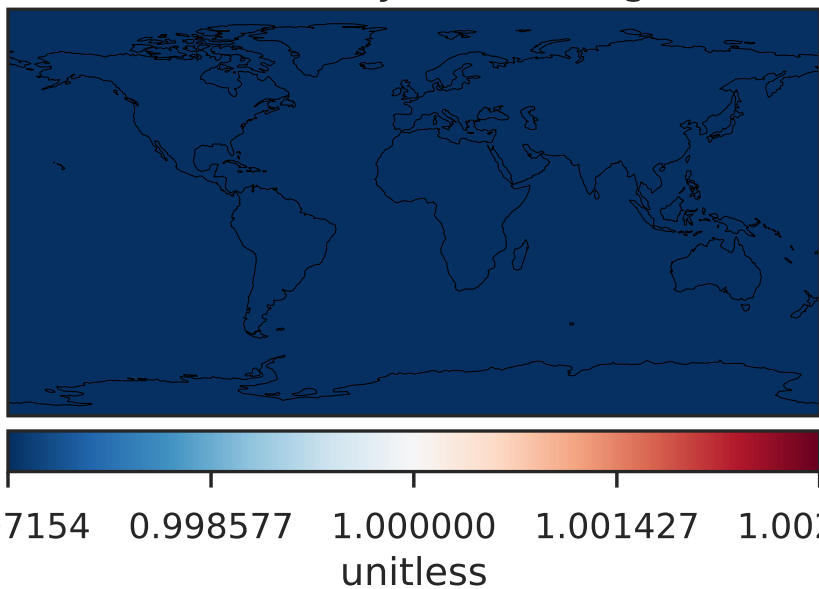
Difference (1x1.25)
Dev - Ref, Dynamic Range



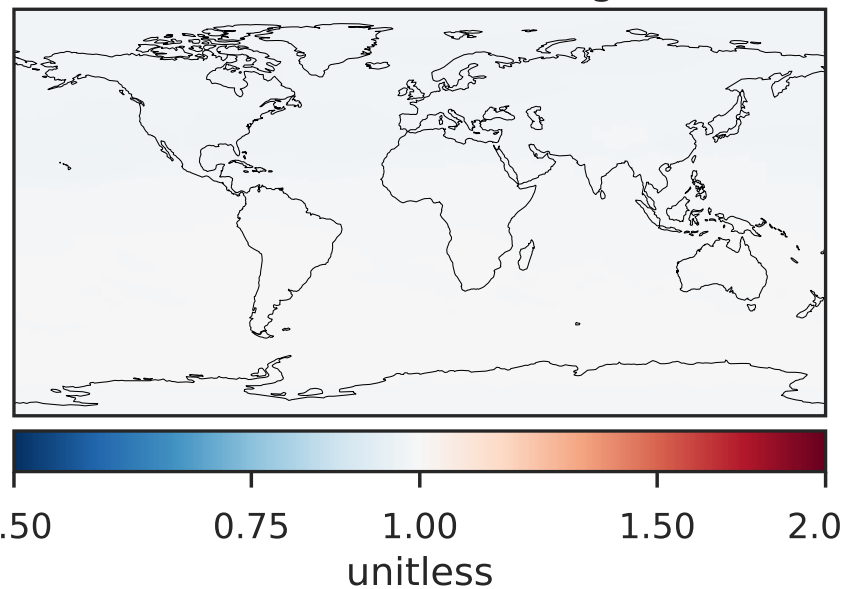
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

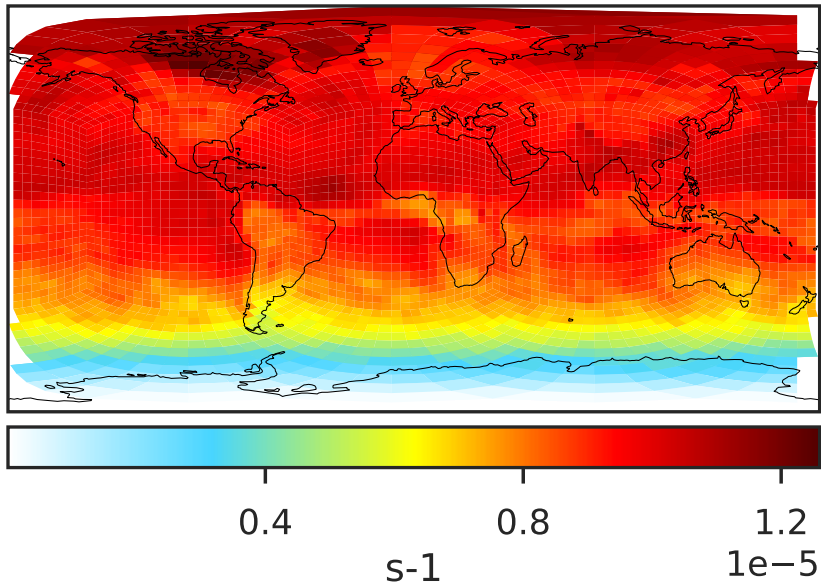


Ratio (1x1.25)
Dev/Ref, Fixed Range

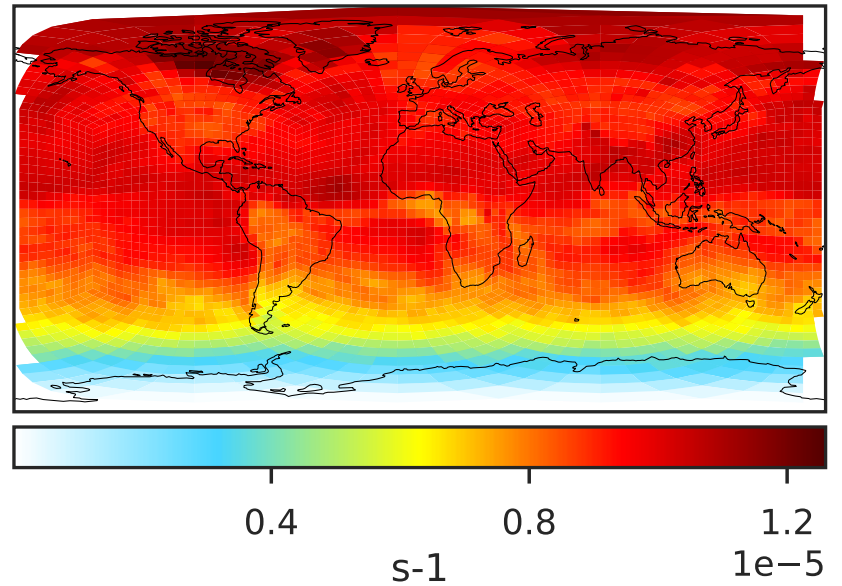


Jval_HNO4 (Apr2019)

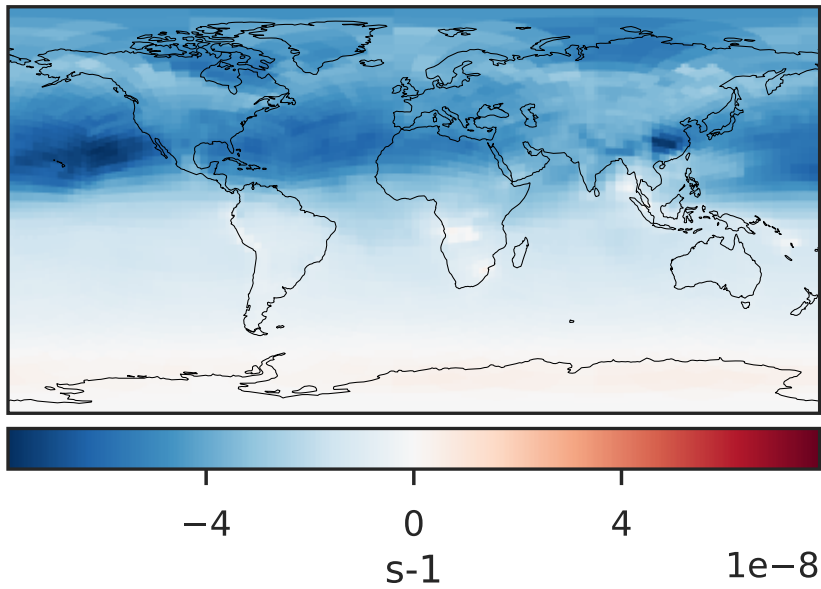
GCHP_14.0.0 (Ref)
c24



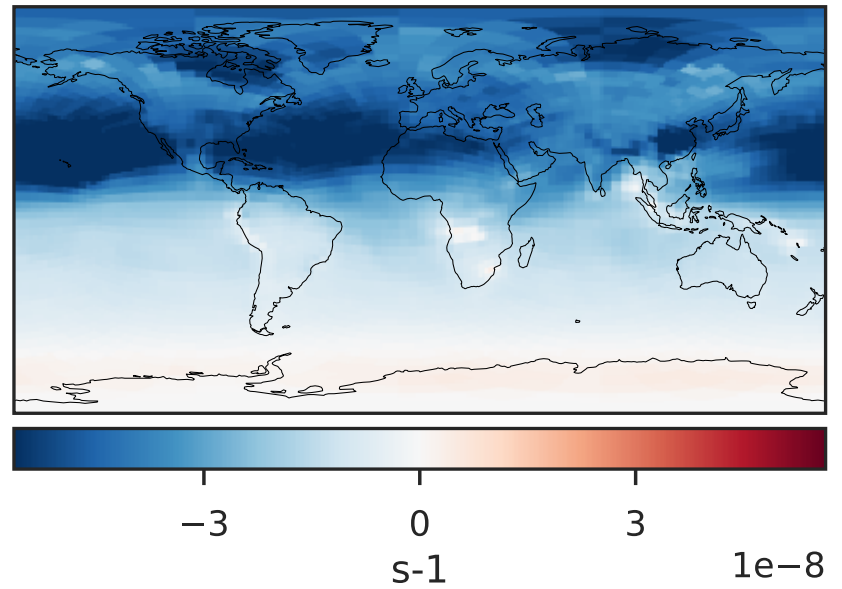
GCHP_14.2.0 (Dev)
c24



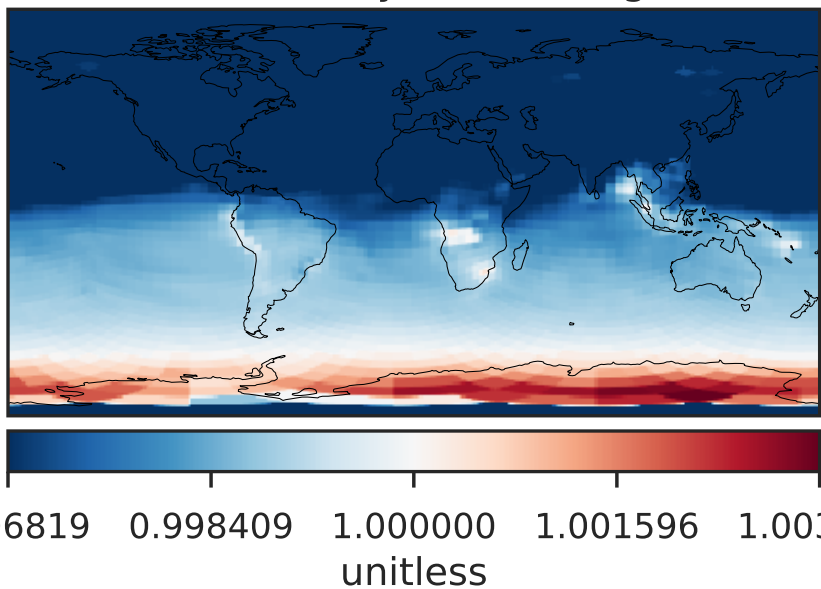
Difference (1x1.25)
Dev - Ref, Dynamic Range



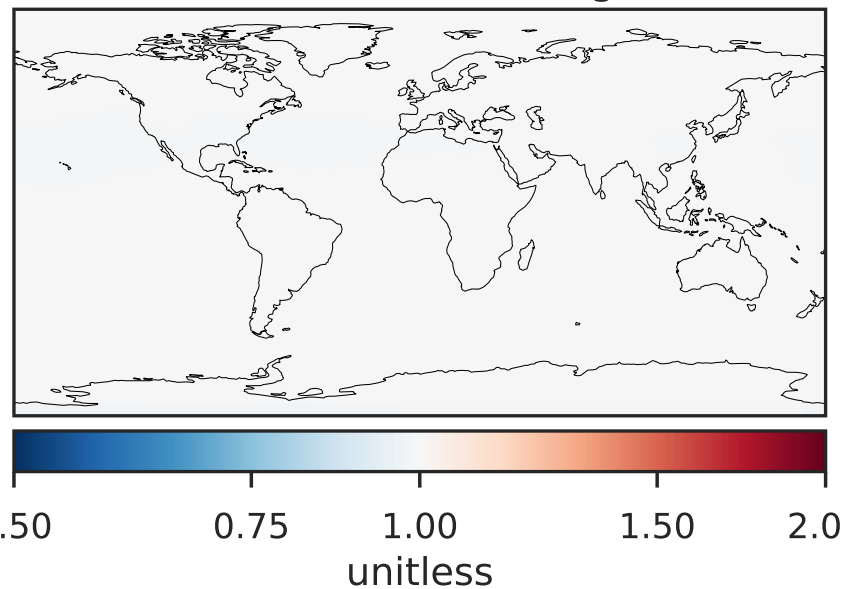
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

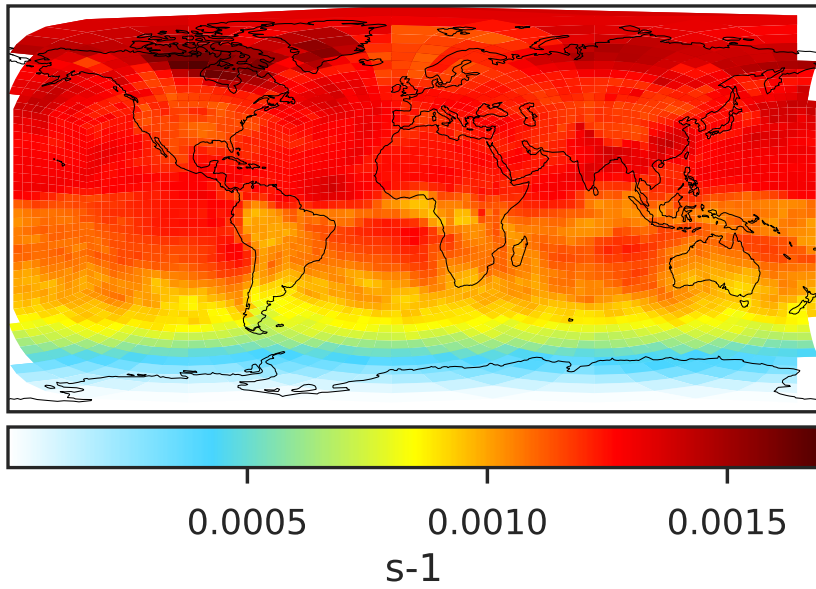


Ratio (1x1.25)
Dev/Ref, Fixed Range

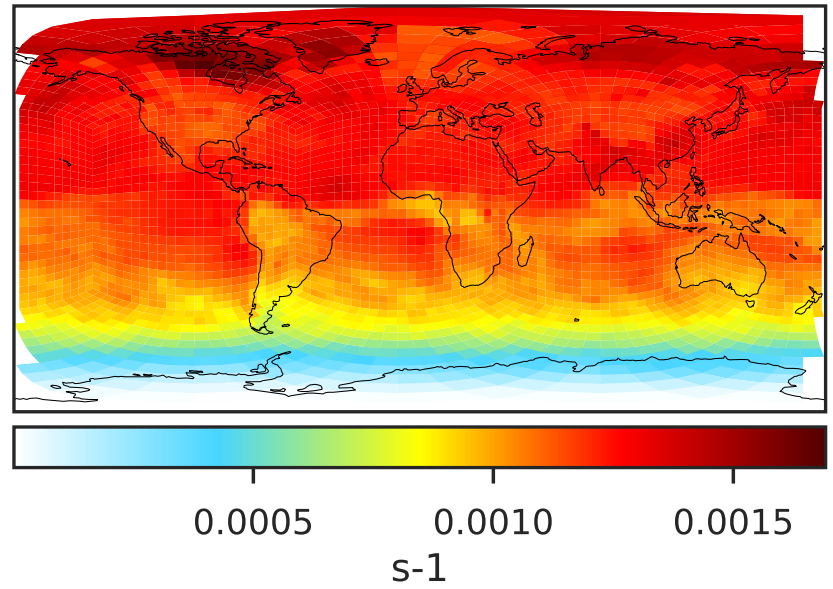


Jval_HOBr (Apr2019)

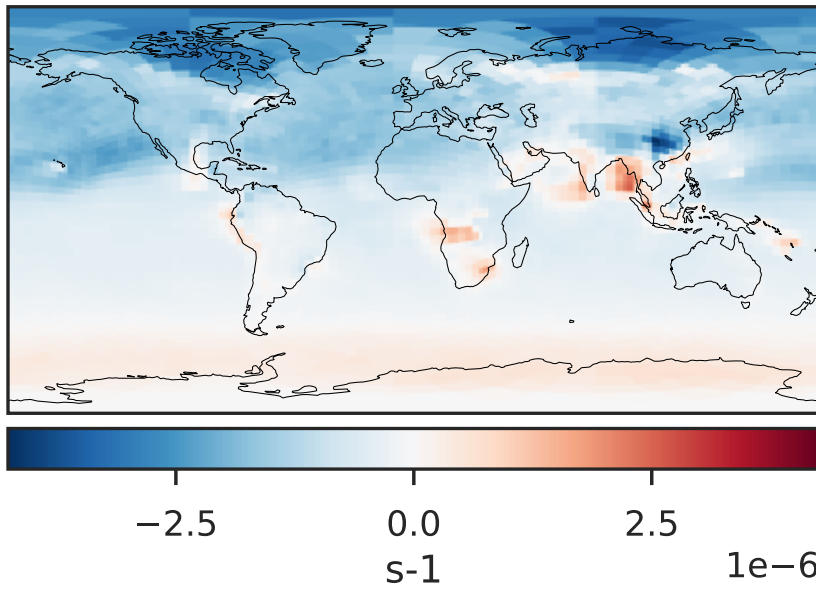
GCHP_14.0.0 (Ref)
c24



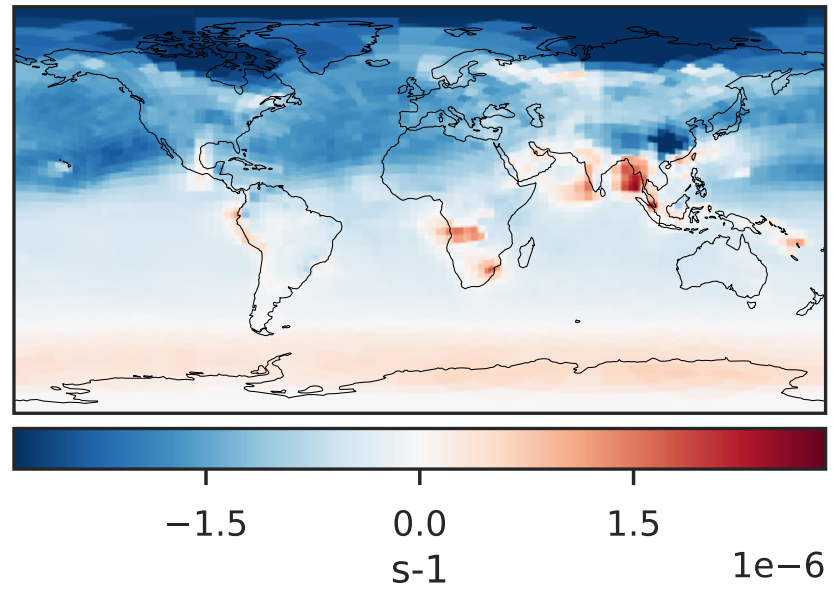
GCHP_14.2.0 (Dev)
c24



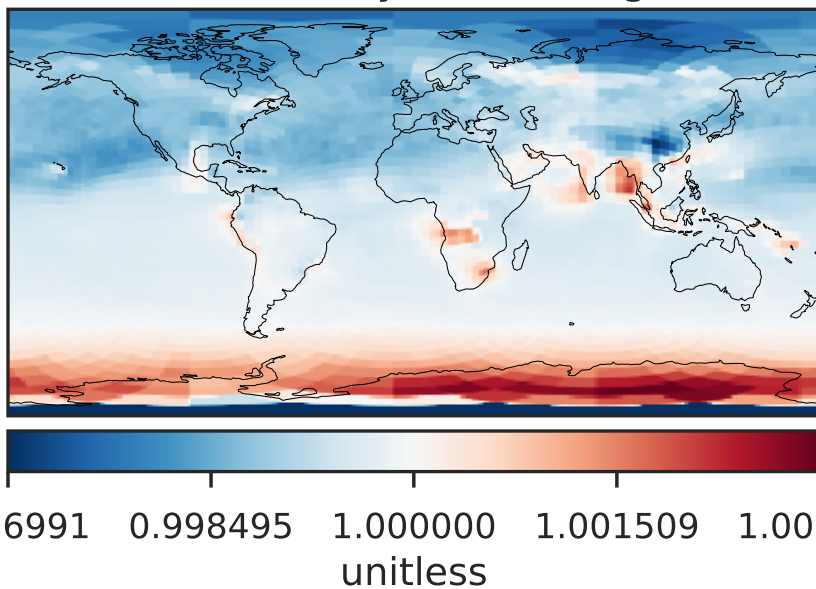
Difference (1x1.25)
Dev - Ref, Dynamic Range



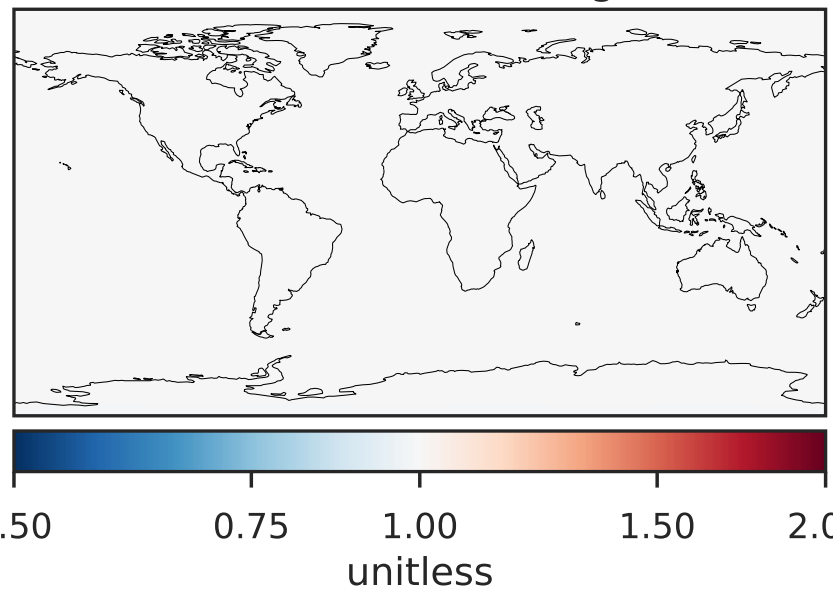
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

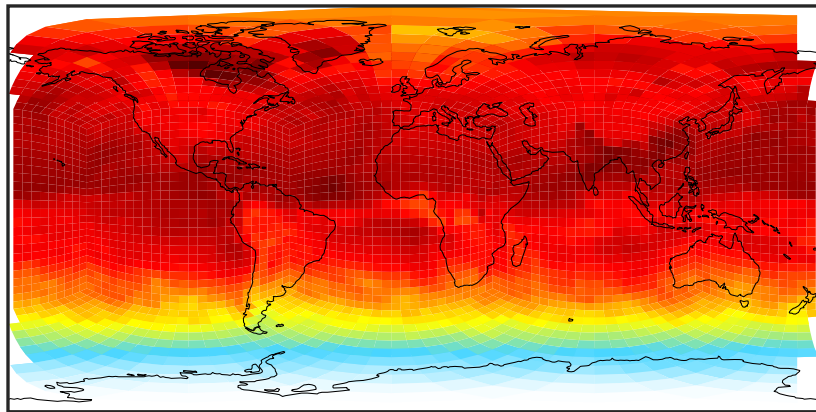


Ratio (1x1.25)
Dev/Ref, Fixed Range



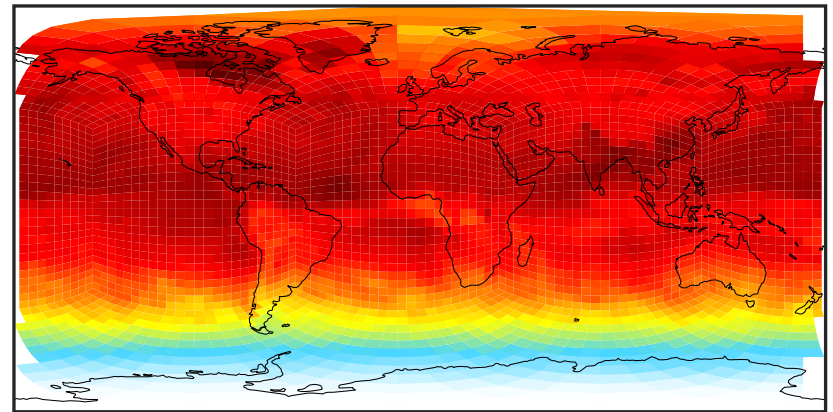
Jval_HOCl (Apr2019)

GCHP_14.0.0 (Ref)
c24



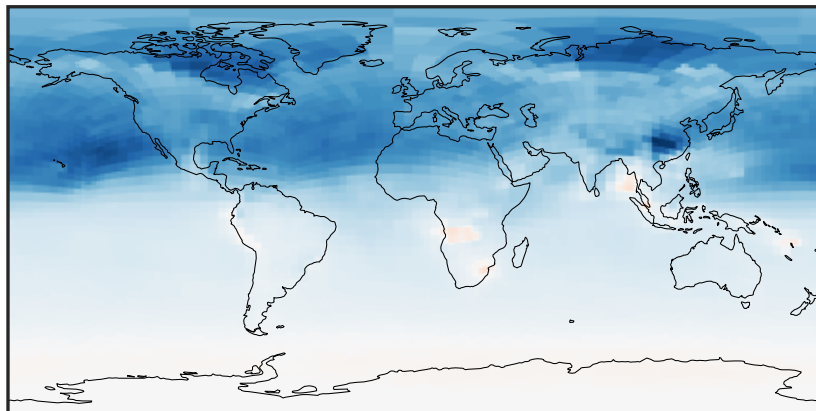
0.00005 0.00010 0.00015
s-1

GCHP_14.2.0 (Dev)
c24



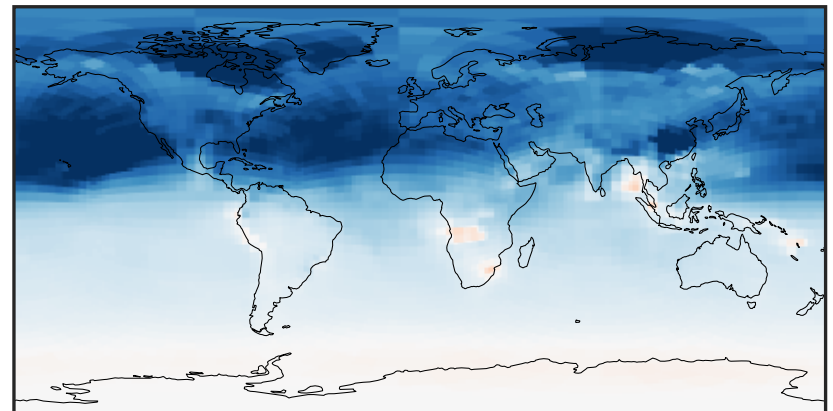
0.00005 0.00010 0.00015
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



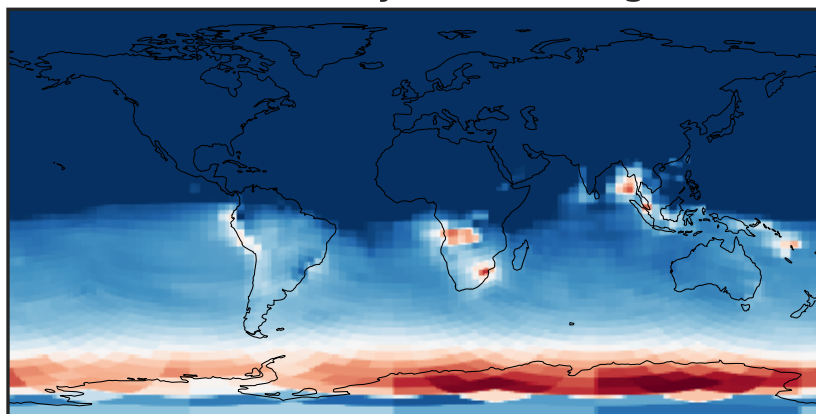
-5 0 5
s-1 1e-7

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



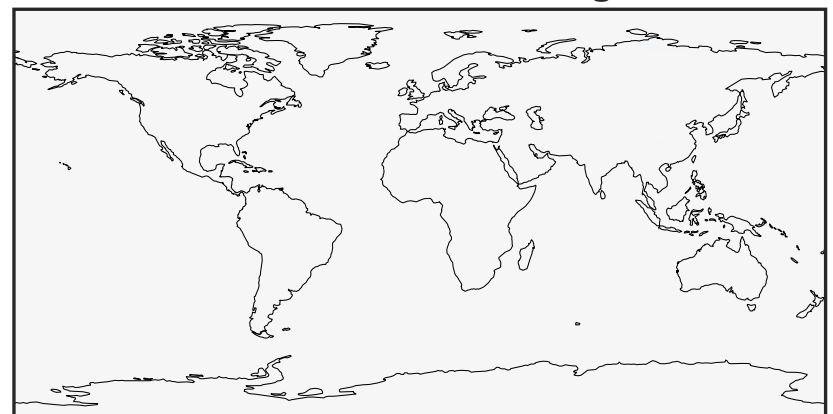
-4 0 4
s-1 1e-7

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.998509 0.999254 1.000000 1.000747 1.001494
unitless

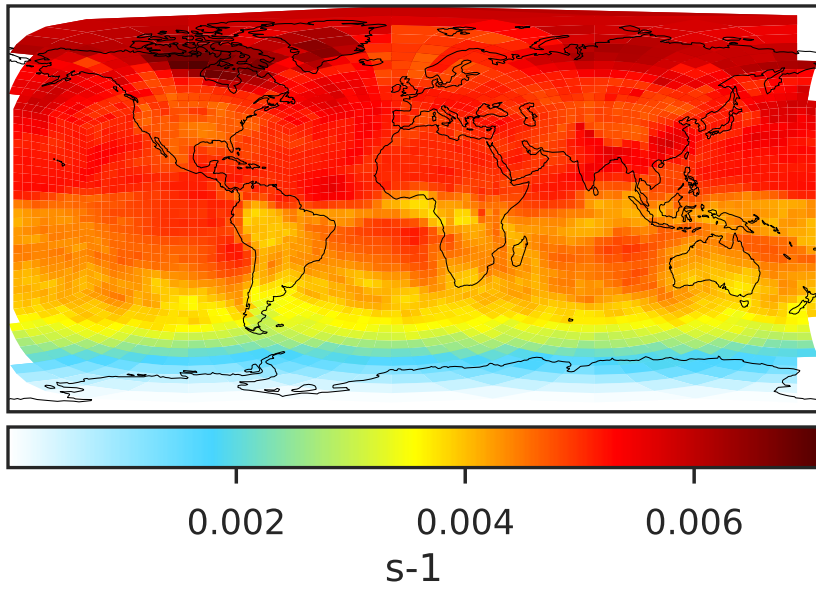
Ratio (1x1.25)
Dev/Ref, Fixed Range



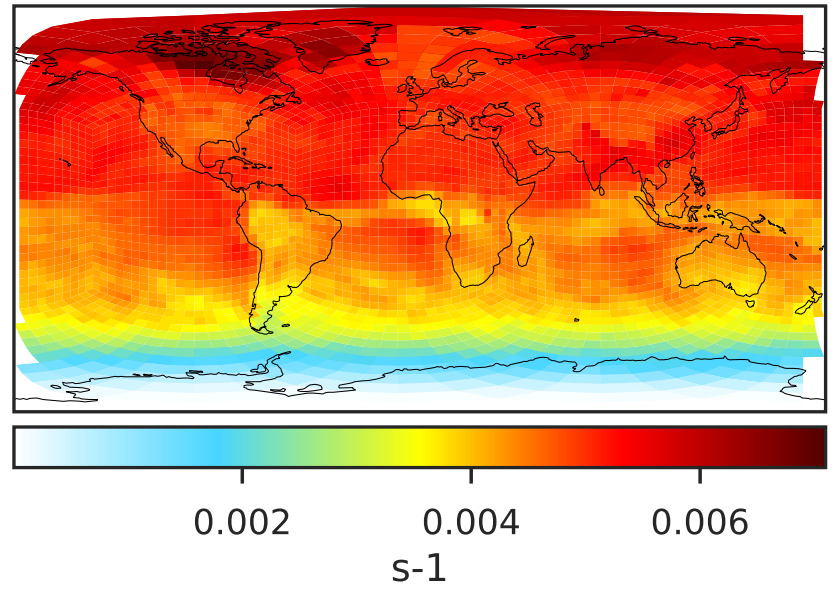
0.50 0.75 1.00 1.50 2.00
unitless

Jval_HOI (Apr2019)

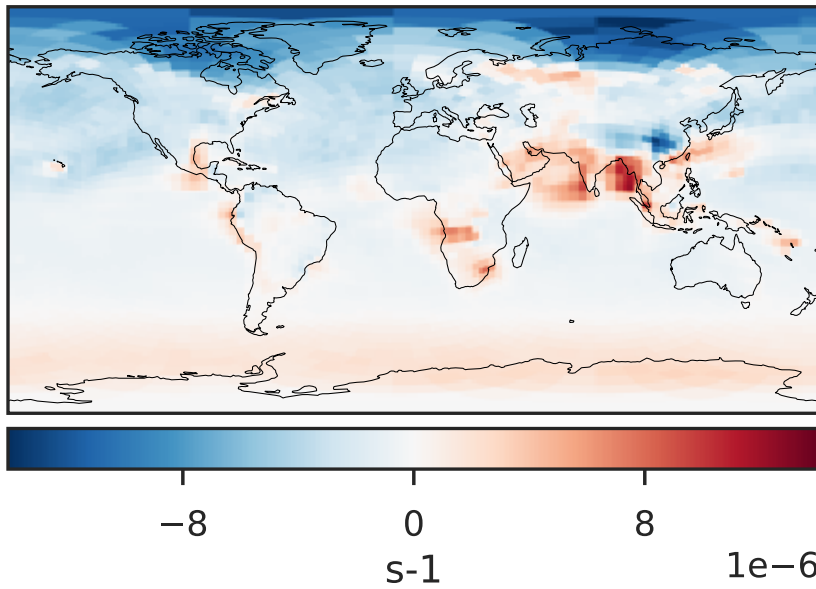
GCHP_14.0.0 (Ref)
c24



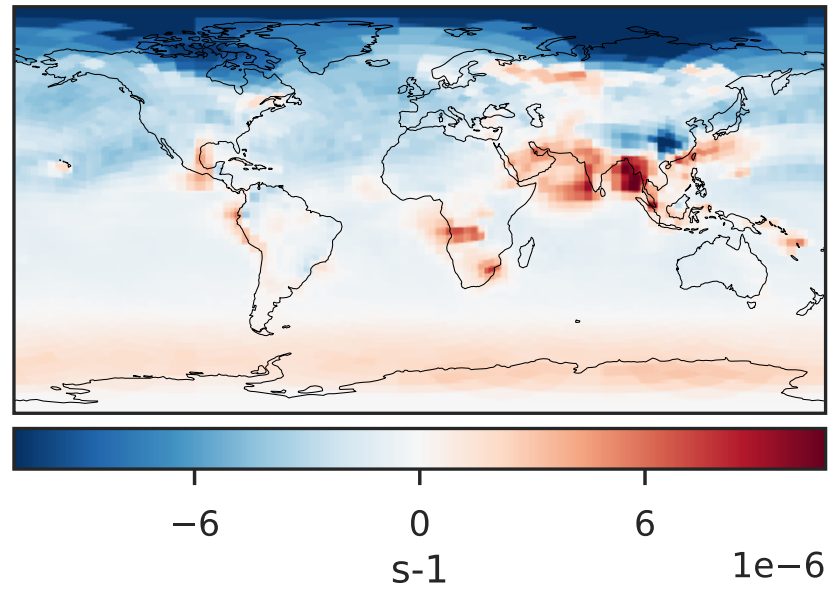
GCHP_14.2.0 (Dev)
c24



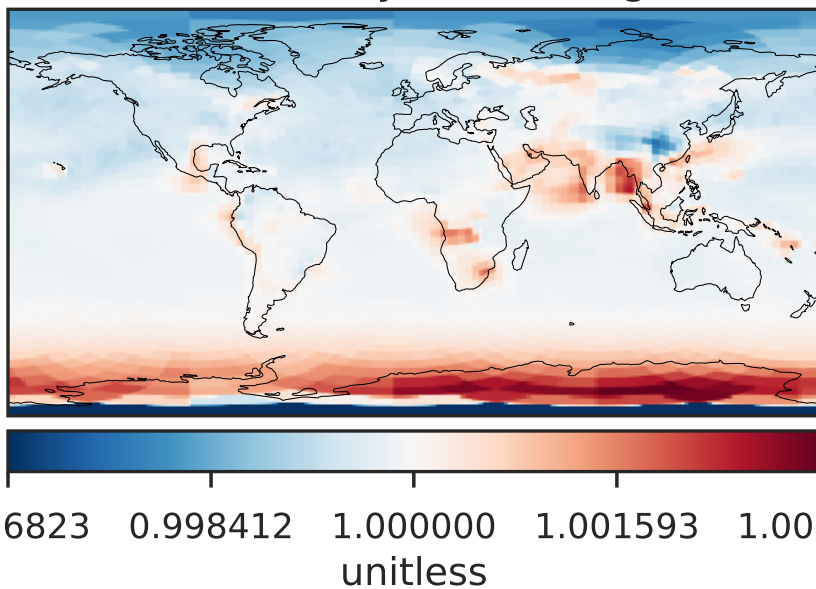
Difference (1x1.25)
Dev - Ref, Dynamic Range



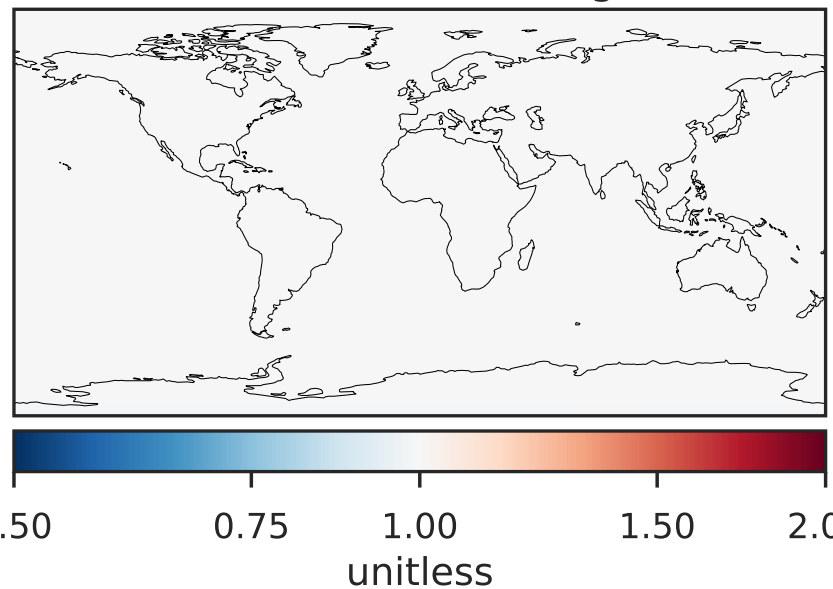
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range



Ratio (1x1.25)
Dev/Ref, Fixed Range

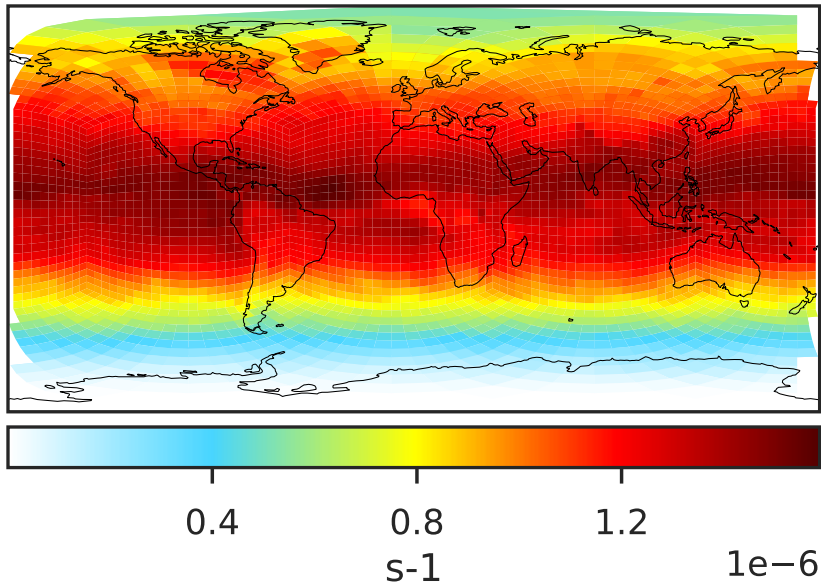


0.996823 0.998412 1.000000 1.001593 1.003187
unitless

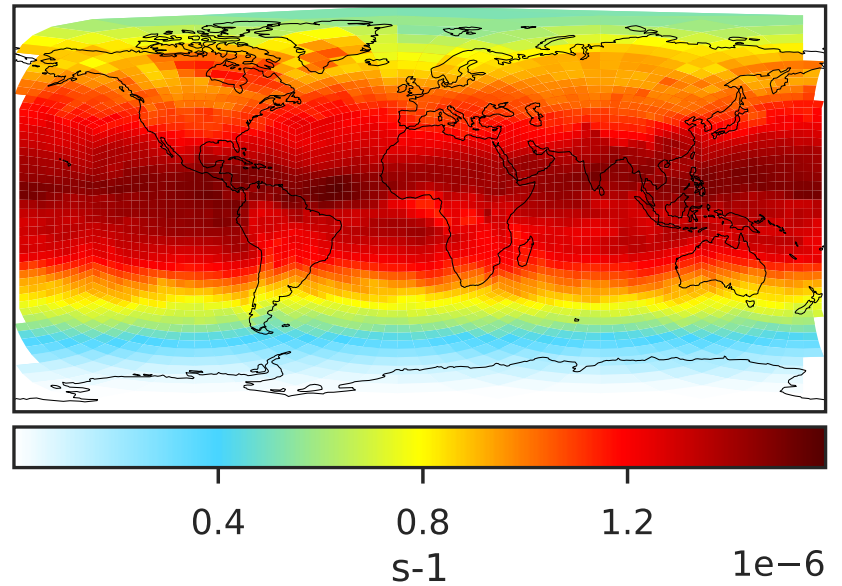
0.50 0.75 1.00 1.50 2.00
unitless

Jval_HONIT (Apr2019)

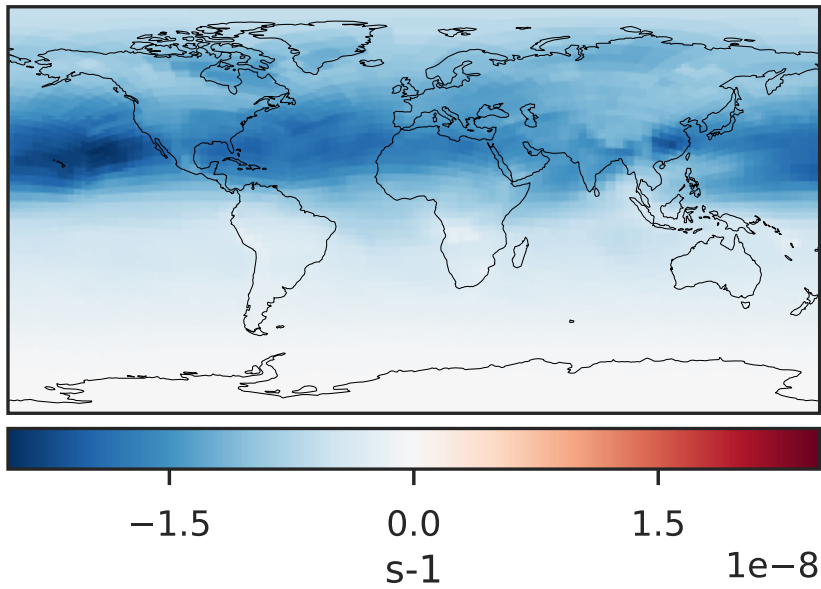
GCHP_14.0.0 (Ref)
c24



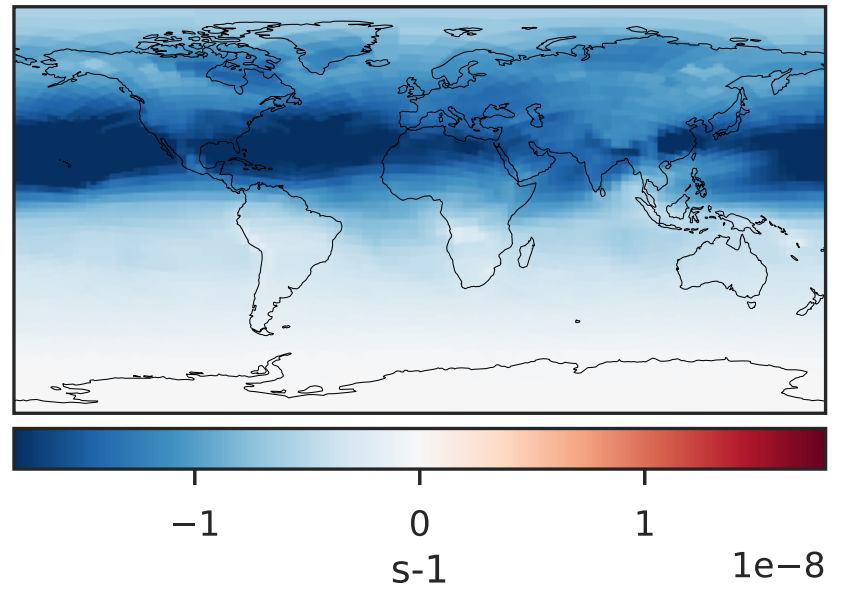
GCHP_14.2.0 (Dev)
c24



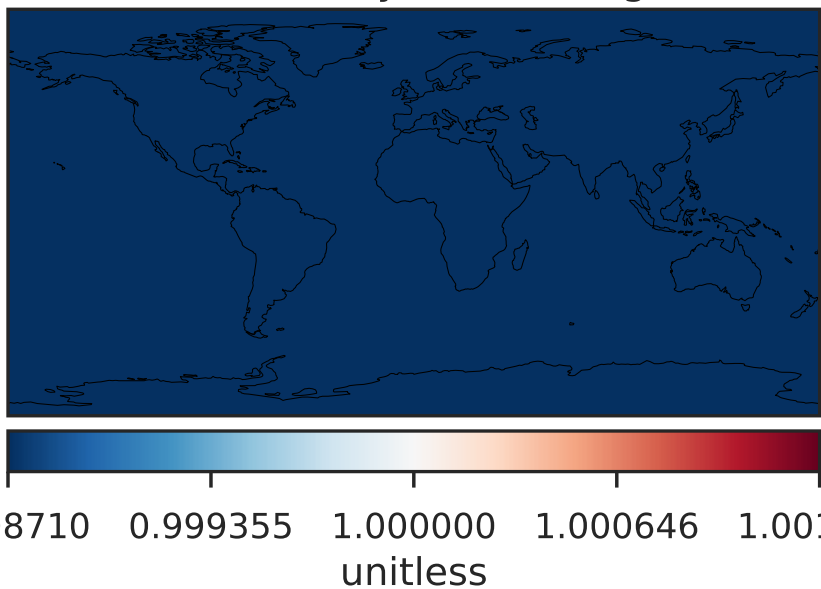
Difference (1x1.25)
Dev - Ref, Dynamic Range



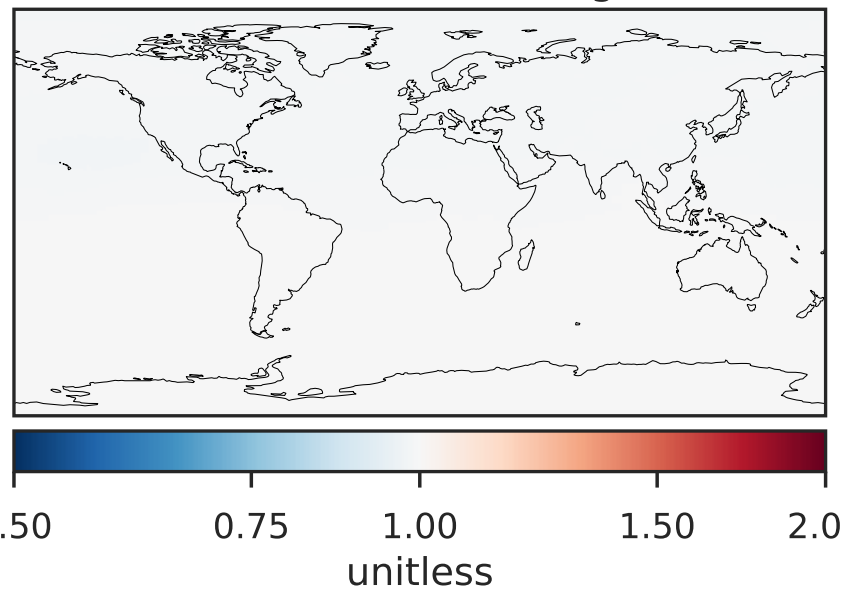
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

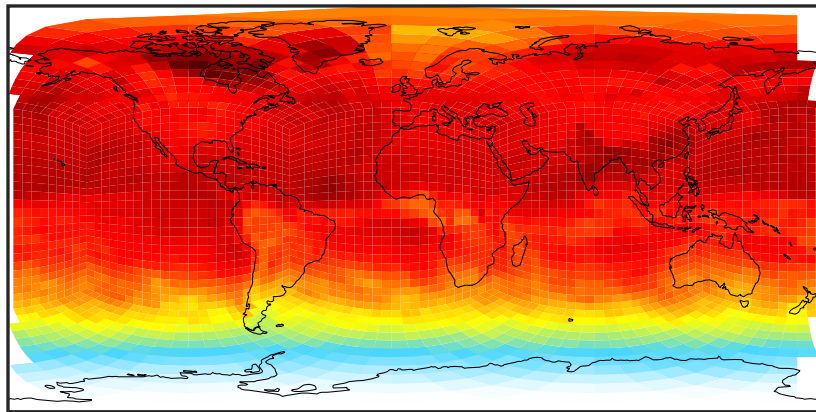


Ratio (1x1.25)
Dev/Ref, Fixed Range



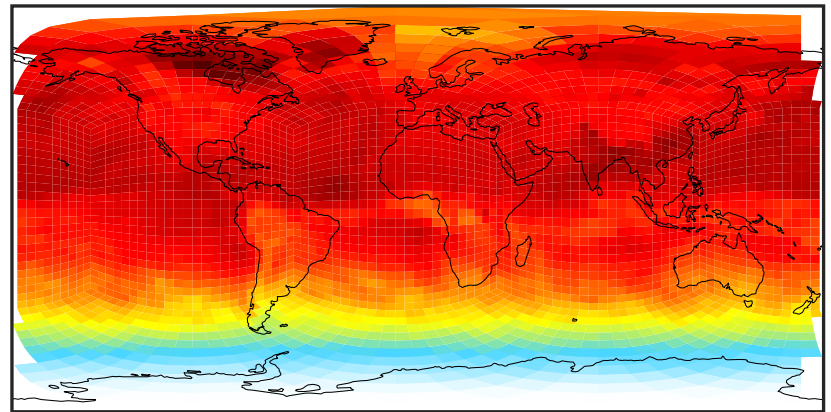
Jval_HPALD1 (Apr2019)

GCHP_14.0.0 (Ref)
c24



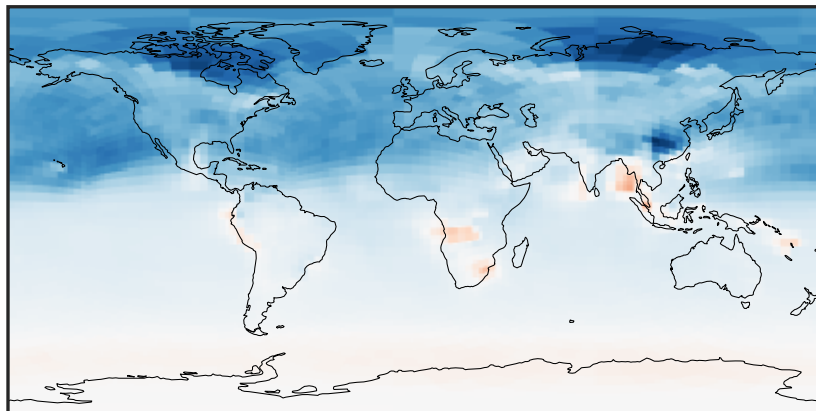
0.00006 0.00012 0.00018
s-1

GCHP_14.2.0 (Dev)
c24



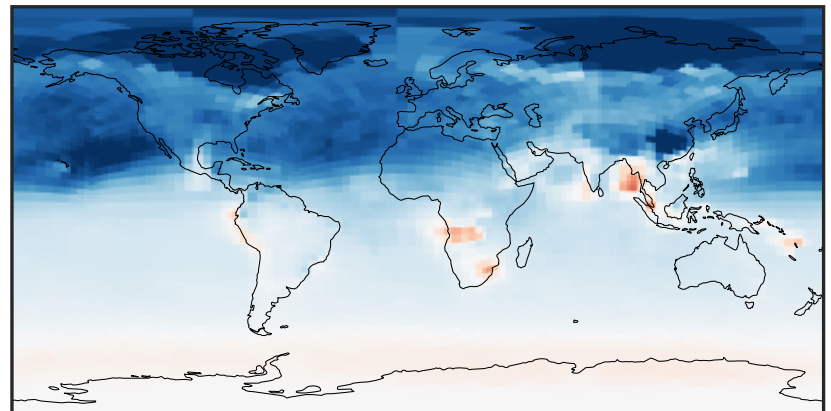
0.00006 0.00012 0.00018
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



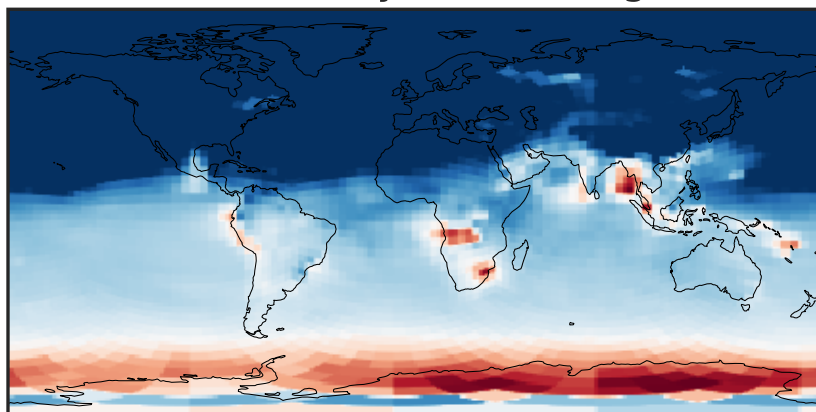
-4 0 4
s-1 1e-7

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



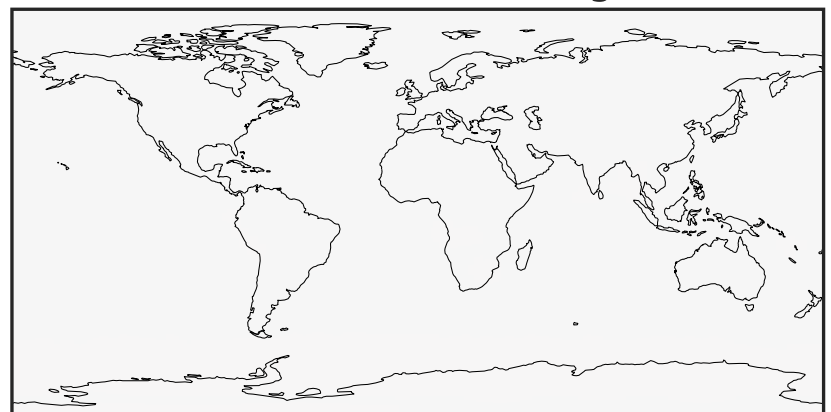
-3 0 3
s-1 1e-7

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.998331 0.999166 1.000000 1.000836 1.001672
unitless

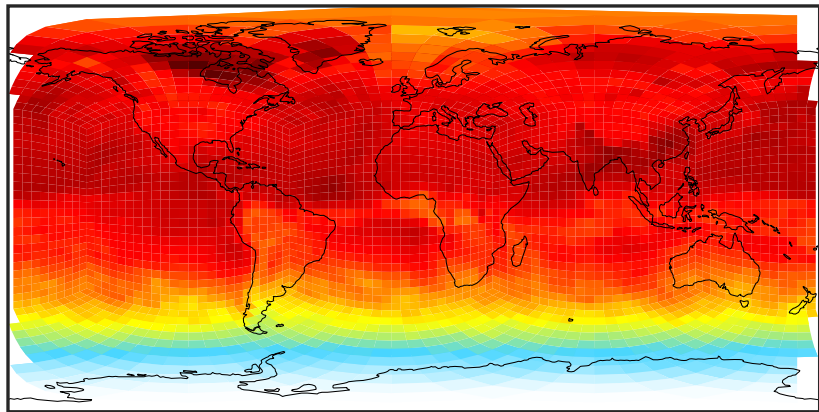
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

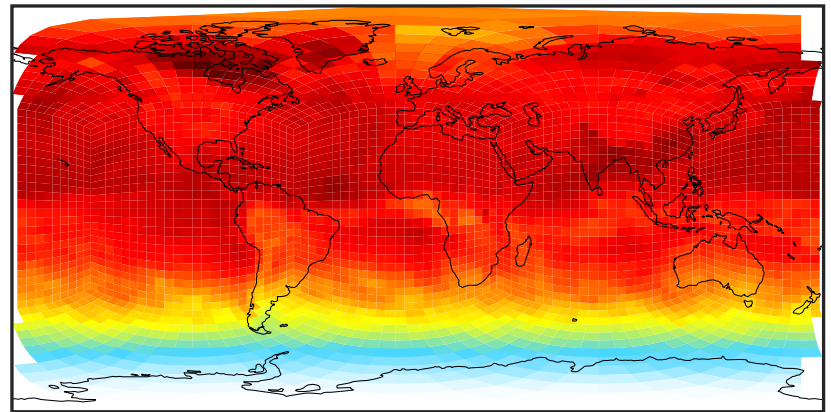
Jval_HPALD2 (Apr2019)

GCHP_14.0.0 (Ref)
c24



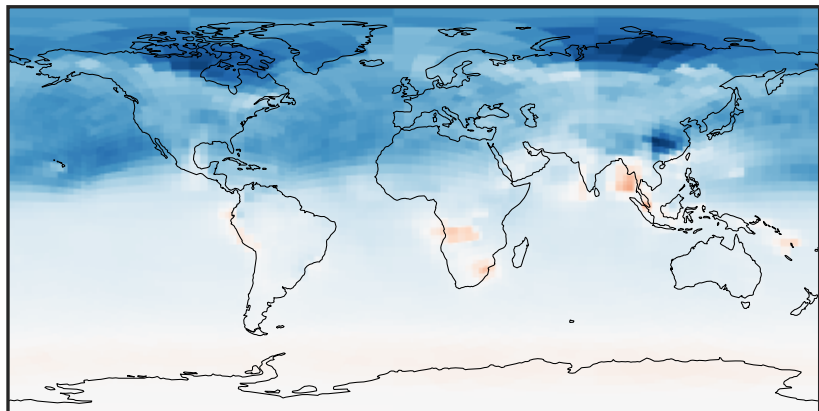
0.00006 0.00012 0.00018
s-1

GCHP_14.2.0 (Dev)
c24



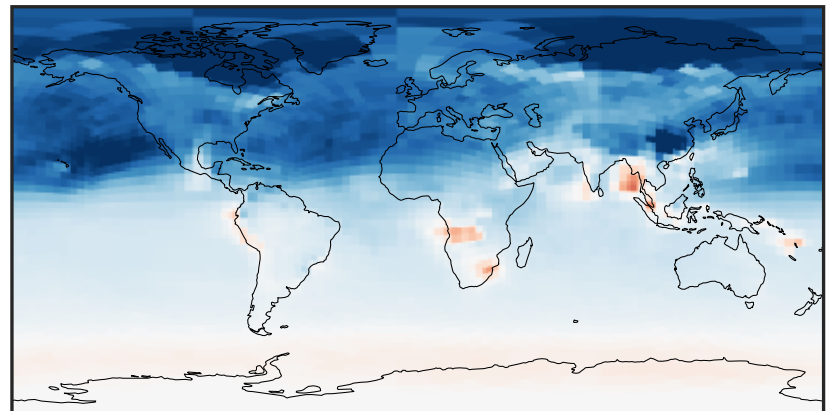
0.00006 0.00012 0.00018
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



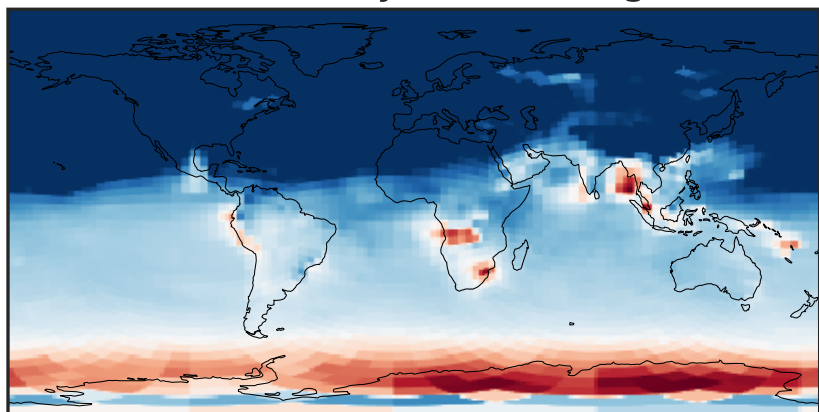
-4 0 4
s-1 1e-7

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



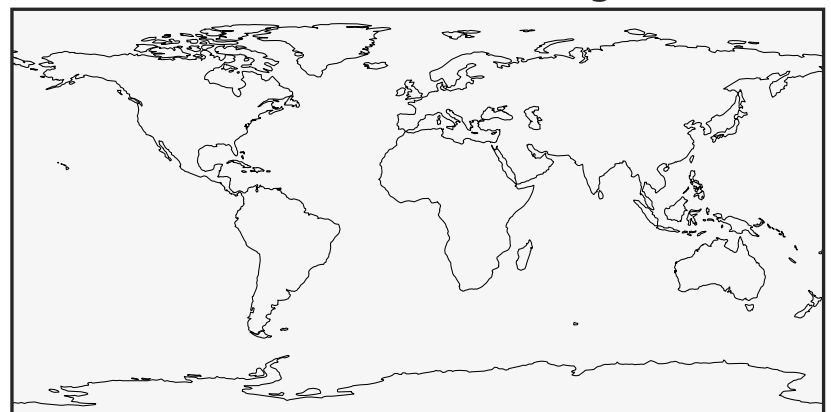
-2.5 0.0 2.5
s-1 1e-7

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.998331 0.999166 1.000000 1.000836 1.001671
unitless

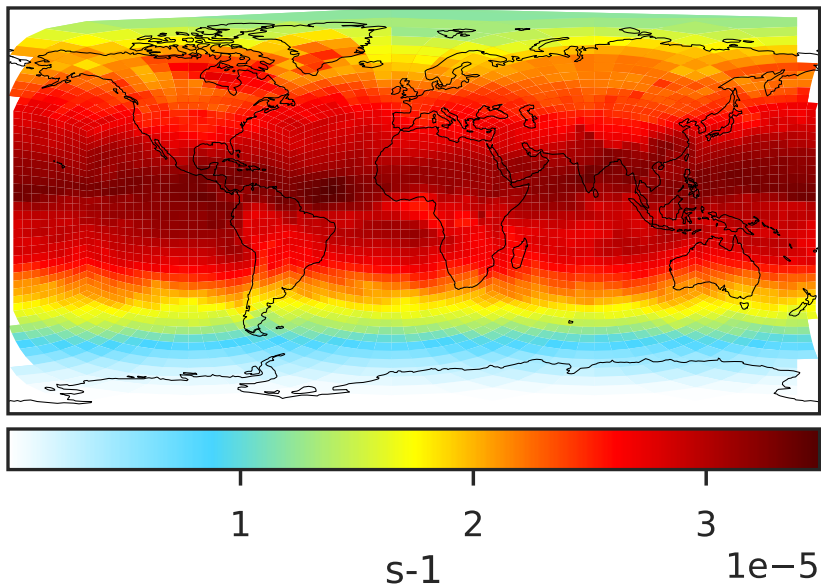
Ratio (1x1.25)
Dev/Ref, Fixed Range



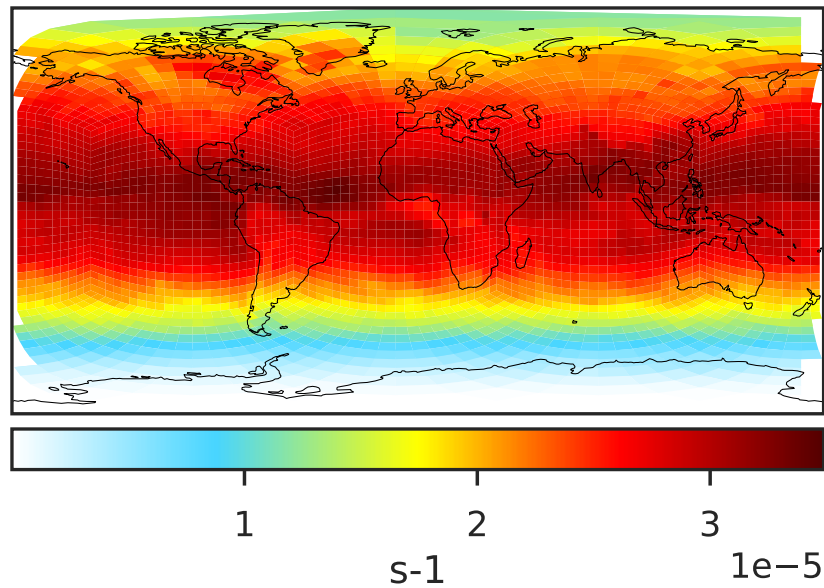
0.50 0.75 1.00 1.50 2.00
unitless

Jval_HPALD3 (Apr2019)

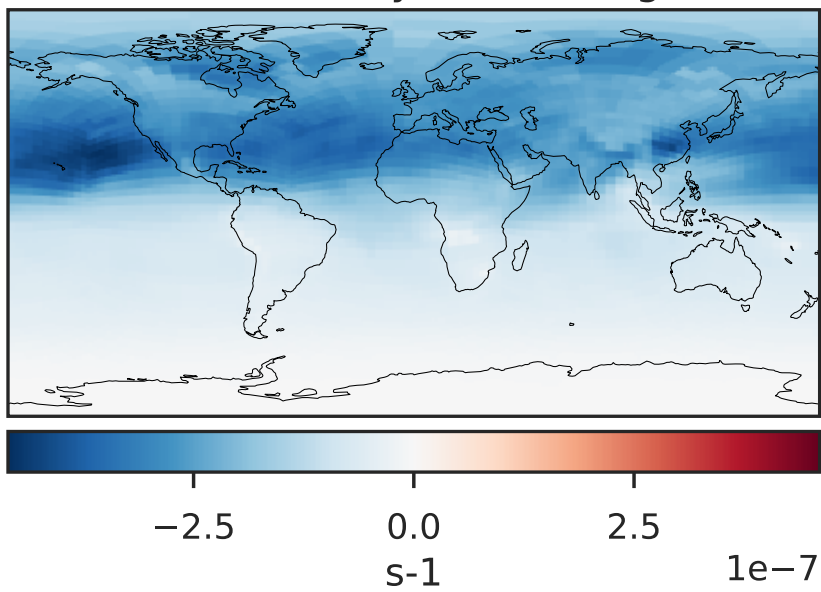
GCHP_14.0.0 (Ref)
c24



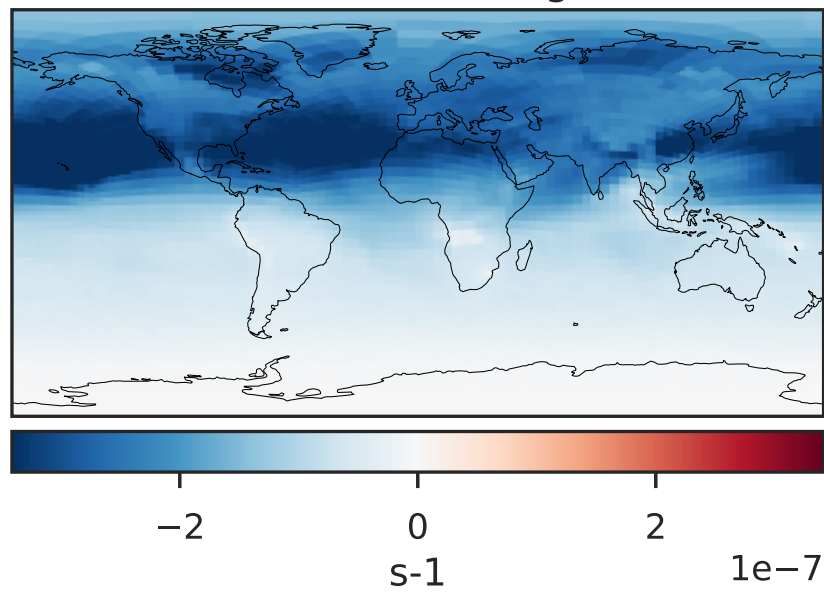
GCHP_14.2.0 (Dev)
c24



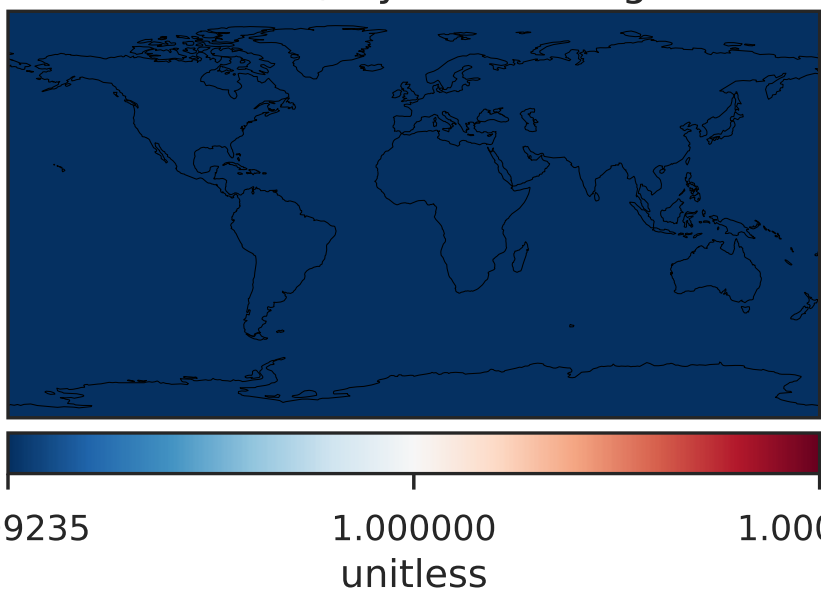
Difference (1x1.25)
Dev - Ref, Dynamic Range



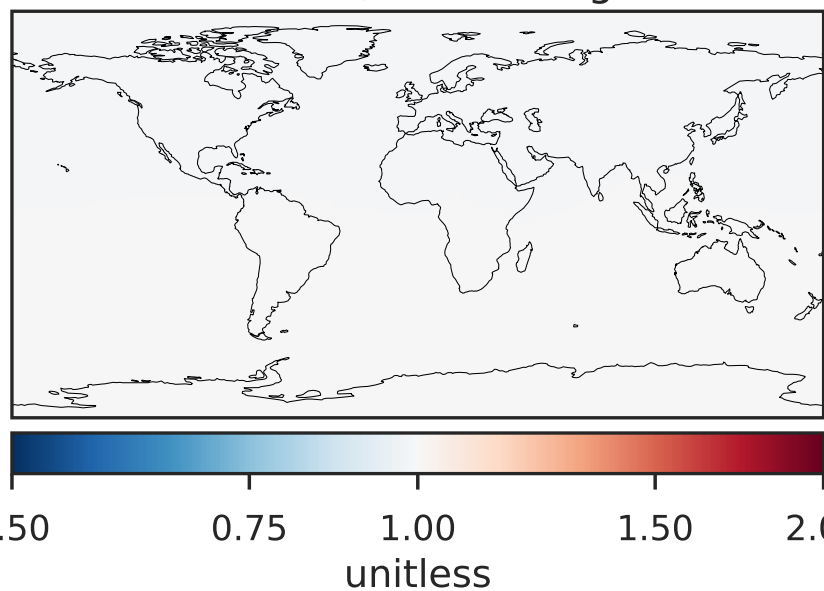
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range



Ratio (1x1.25)
Dev/Ref, Fixed Range



0.999235

1.000000
unitless

1.000766

0.50

0.75

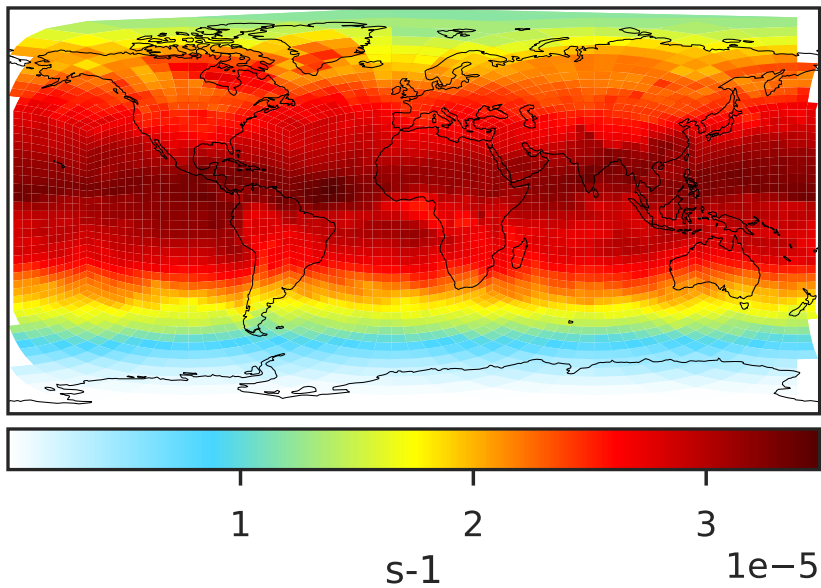
1.00
unitless

1.50

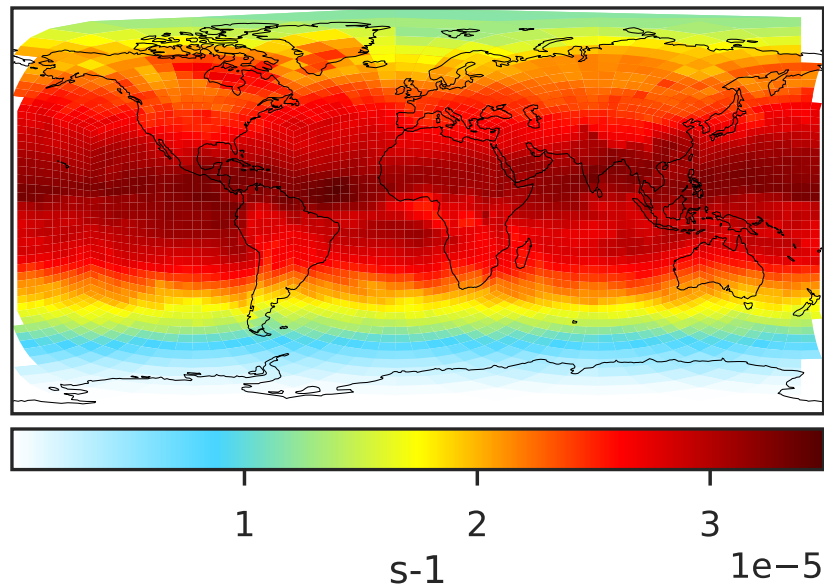
2.00

Jval_HPALD4 (Apr2019)

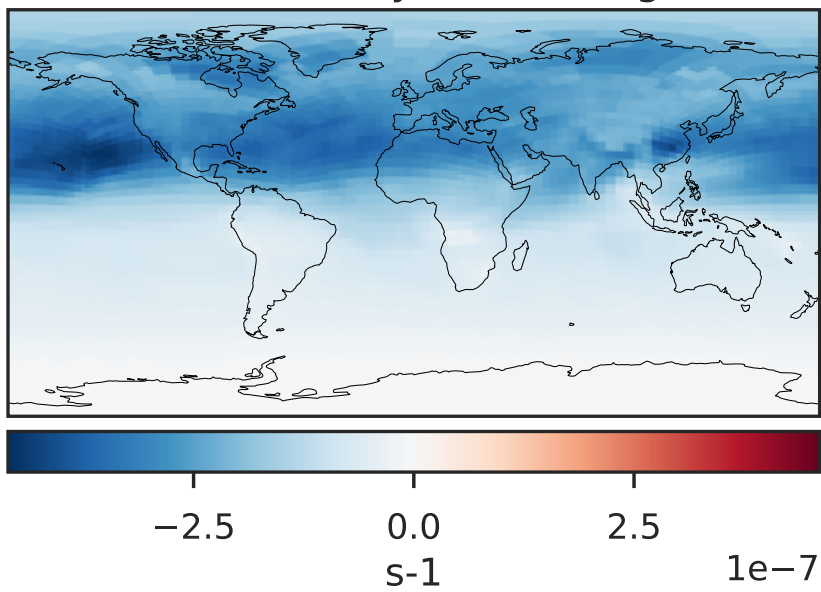
GCHP_14.0.0 (Ref)
c24



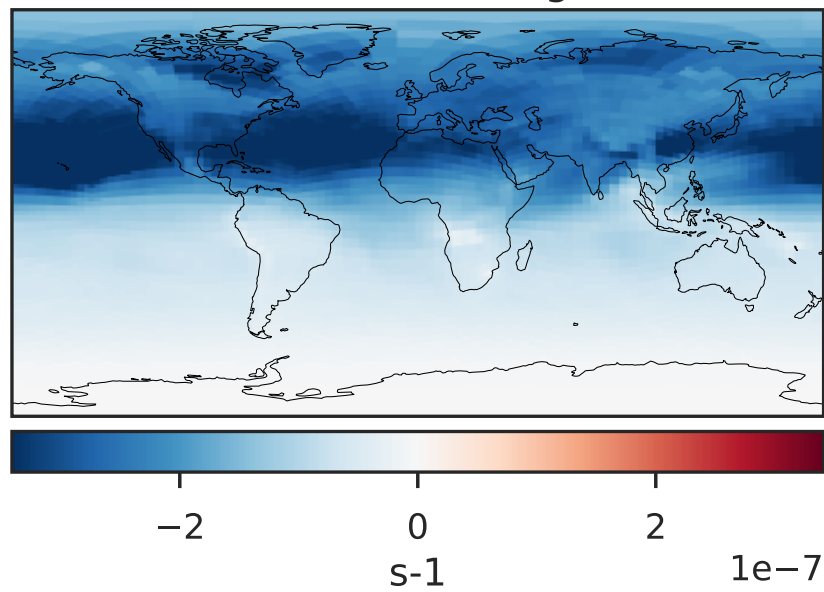
GCHP_14.2.0 (Dev)
c24



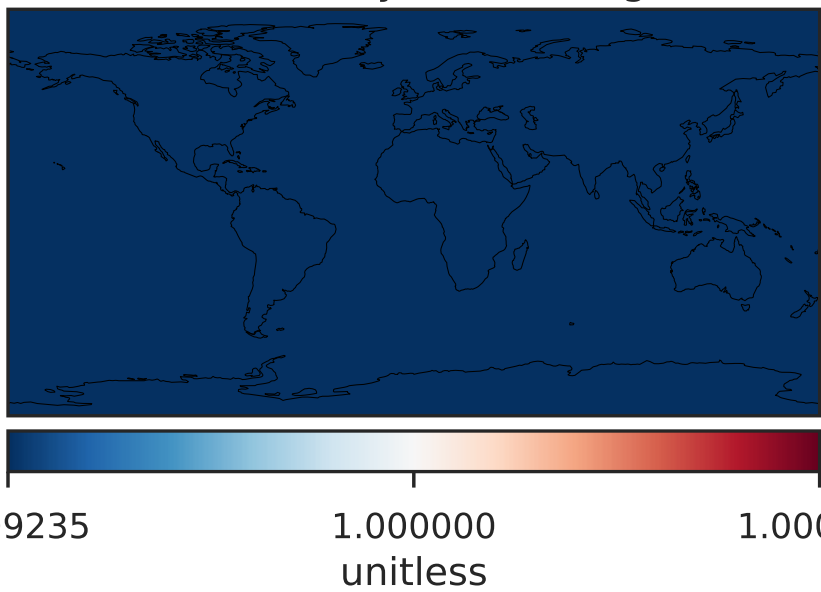
Difference (1x1.25)
Dev - Ref, Dynamic Range



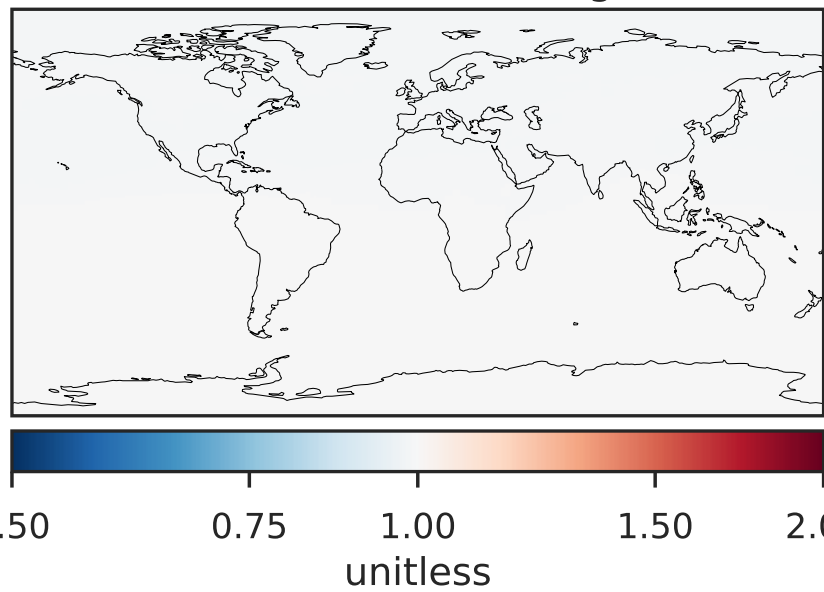
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range



Ratio (1x1.25)
Dev/Ref, Fixed Range



0.999235

1.000000
unitless

1.000766

0.50

0.75

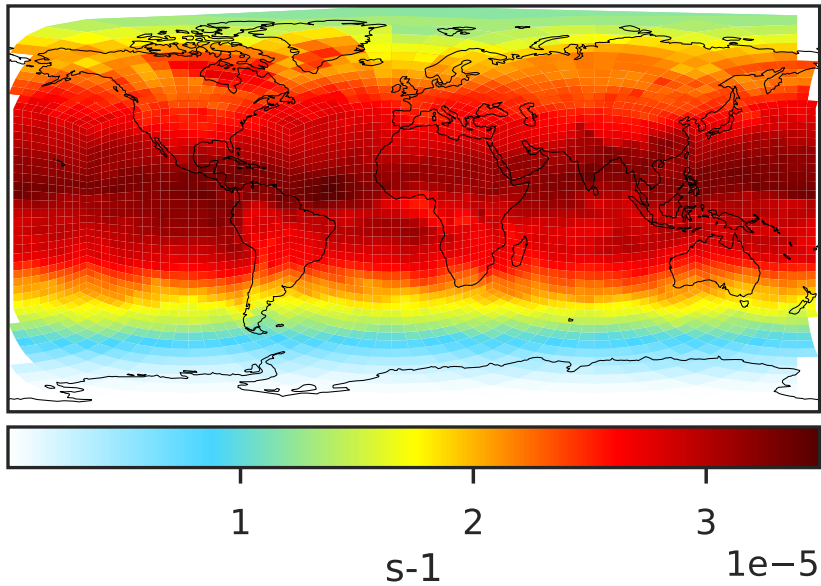
1.00
unitless

1.50

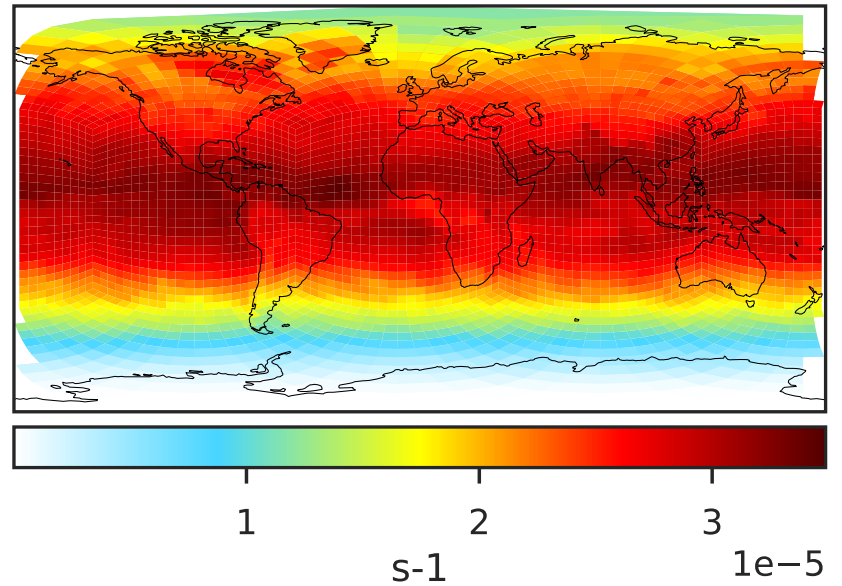
2.00

Jval_HPETHNL (Apr2019)

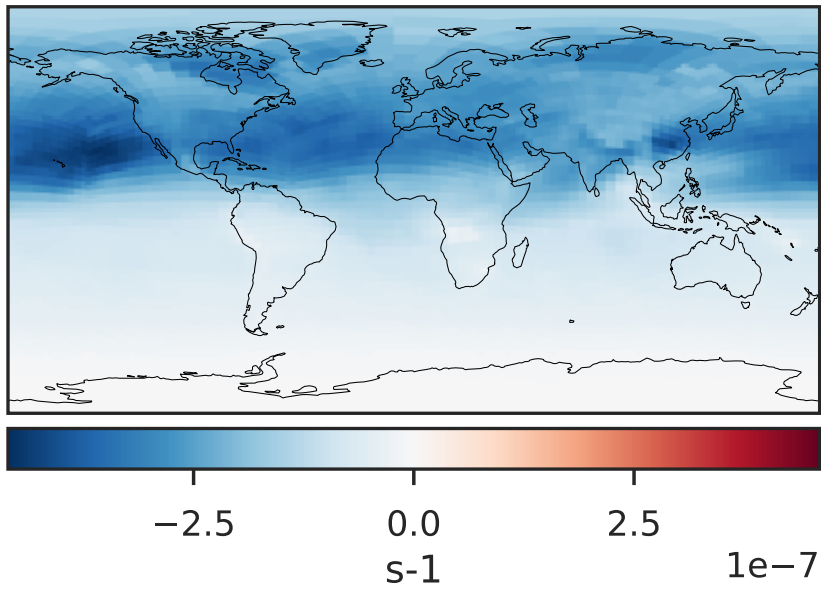
GCHP_14.0.0 (Ref)
c24



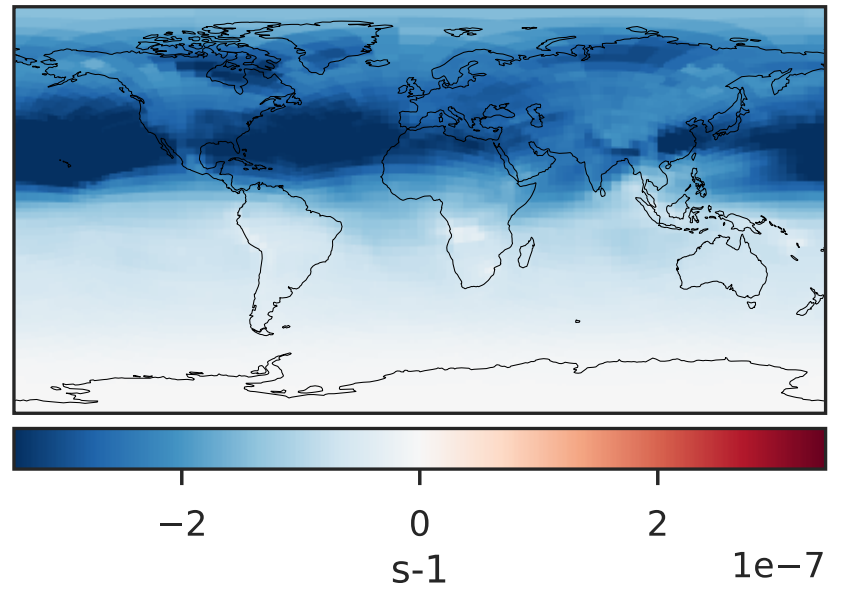
GCHP_14.2.0 (Dev)
c24



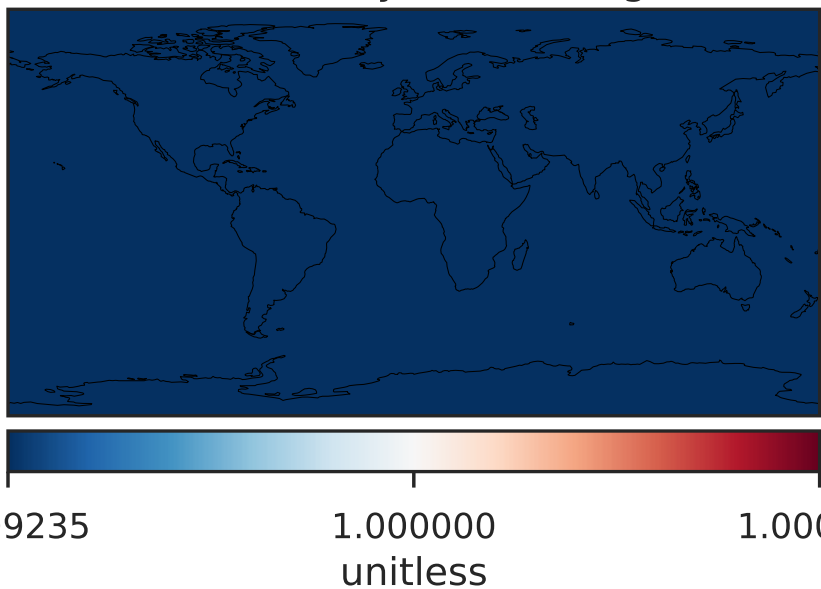
Difference (1x1.25)
Dev - Ref, Dynamic Range



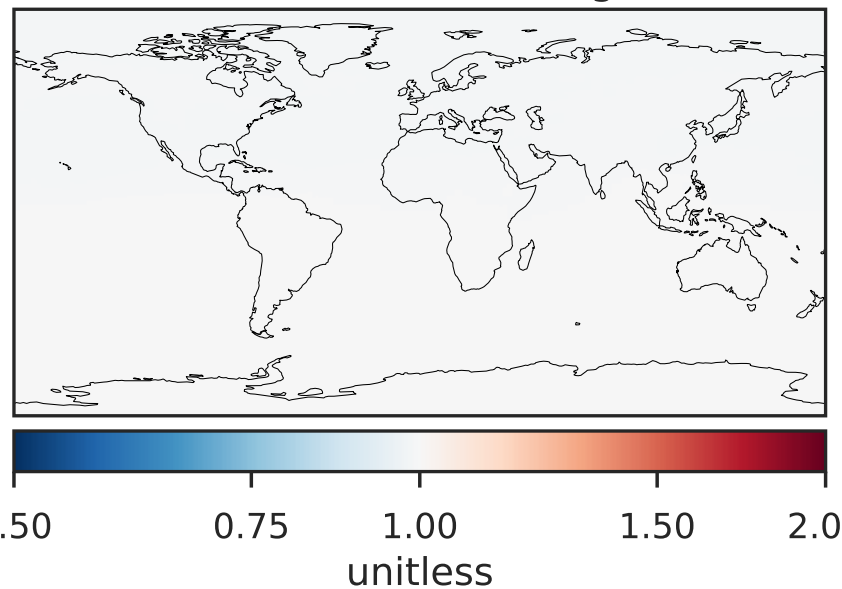
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range



Ratio (1x1.25)
Dev/Ref, Fixed Range



0.999235

1.000000
unitless

1.000766

0.50

0.75

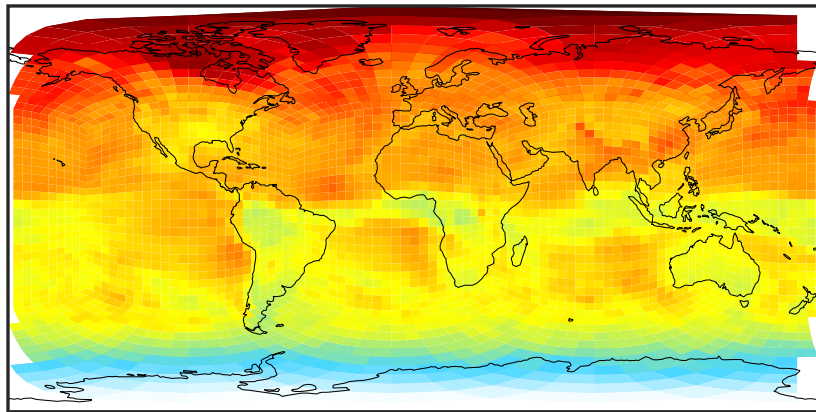
1.00
unitless

1.50

2.00

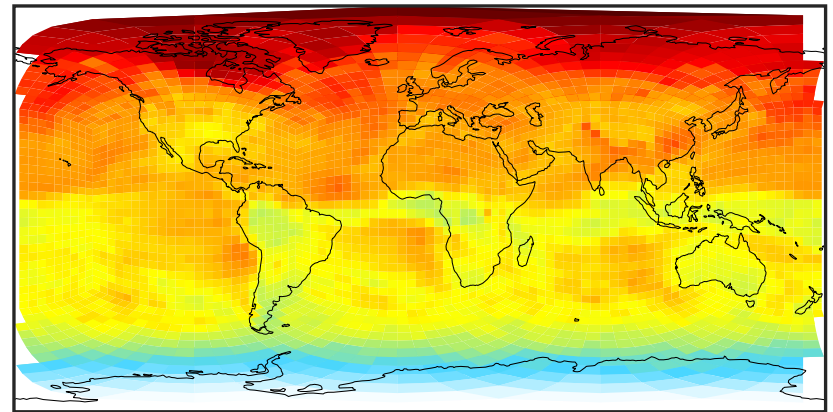
Jval_I2 (Apr2019)

GCHP_14.0.0 (Ref)
c24



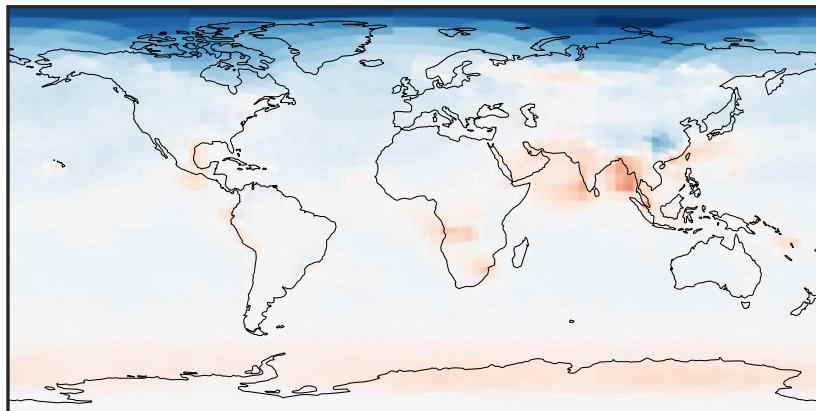
0.0001 0.0444 0.0888 0.1332 0.1777
s-1

GCHP_14.2.0 (Dev)
c24



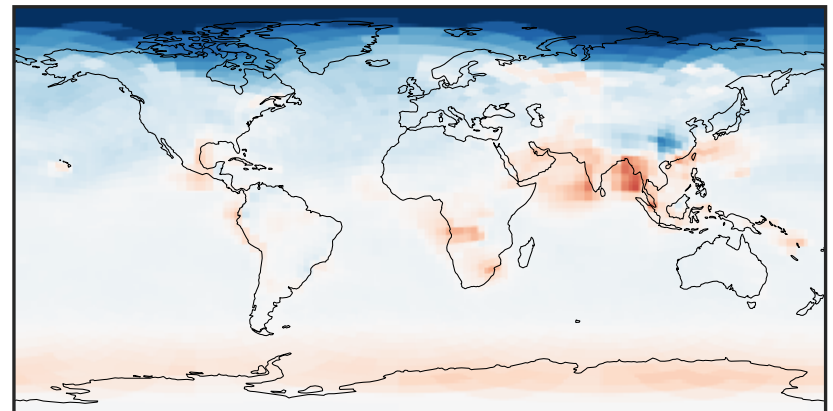
0.0001 0.0444 0.0888 0.1332 0.1777
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



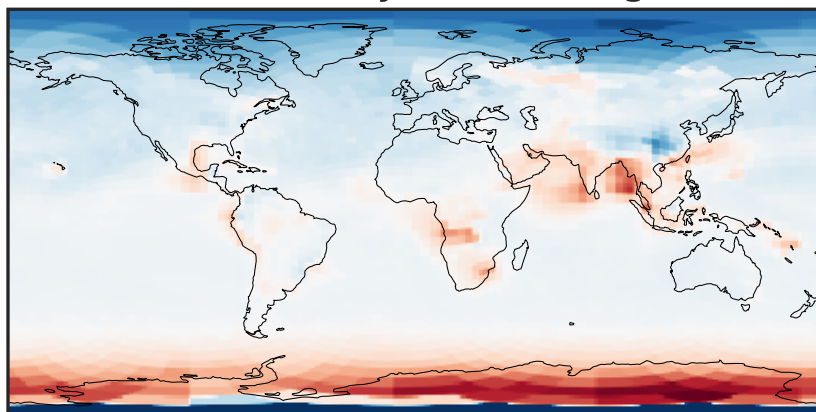
-0.0003 0.0000 0.0003
s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



-0.0002 0.0000 0.0002
s-1

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.996324 0.998162 1.000000 1.001845 1.003690
unitless

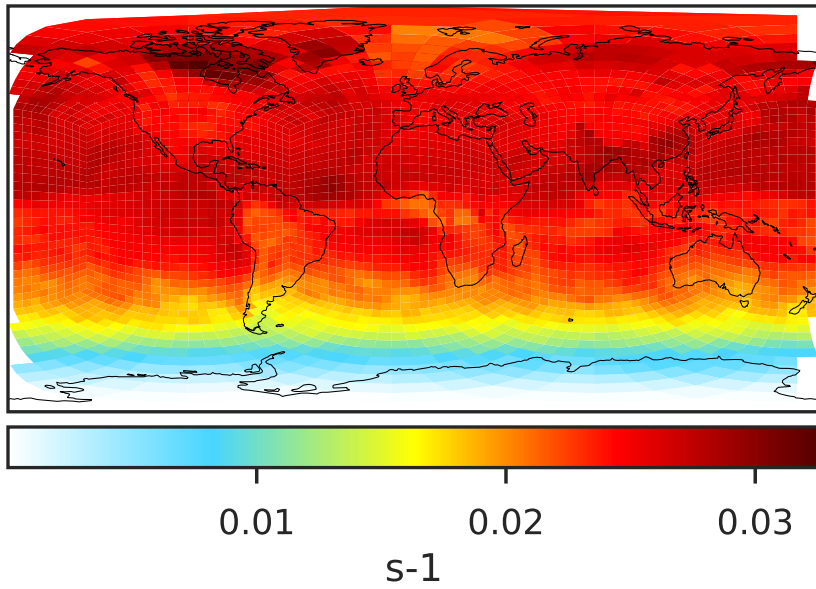
Ratio (1x1.25)
Dev/Ref, Fixed Range



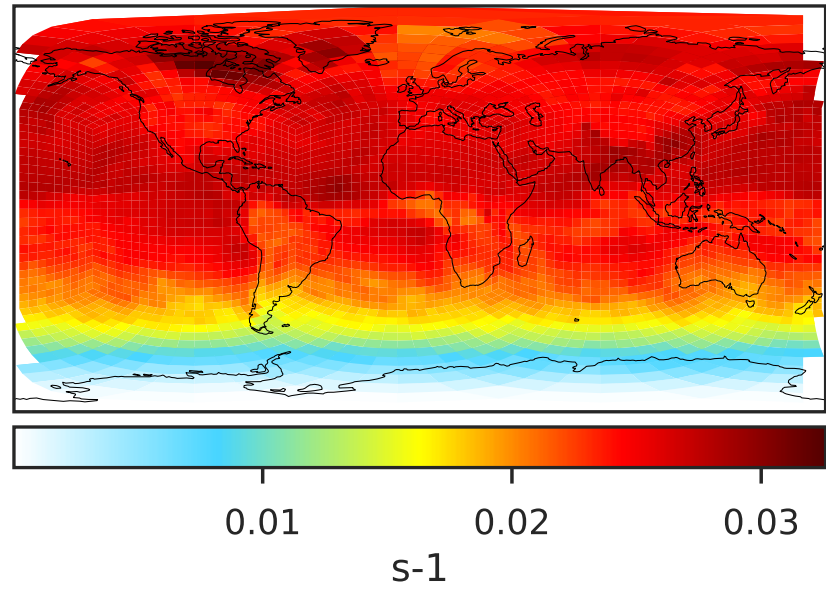
0.50 0.75 1.00 1.50 2.00
unitless

Jval_I2O2 (Apr2019)

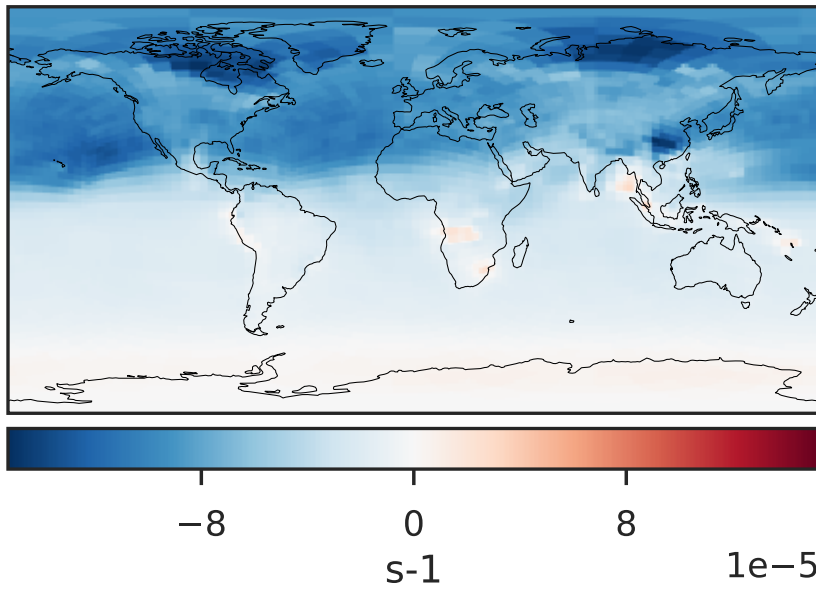
GCHP_14.0.0 (Ref)
c24



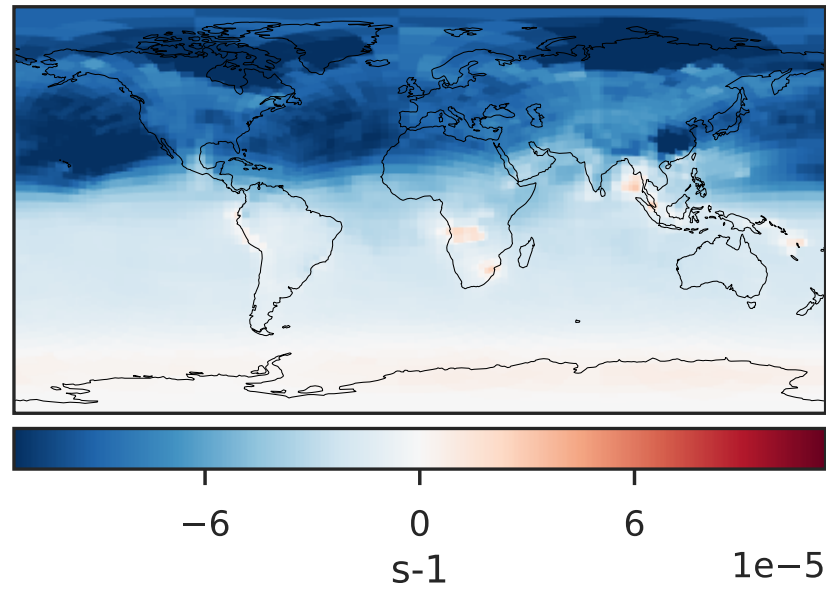
GCHP_14.2.0 (Dev)
c24



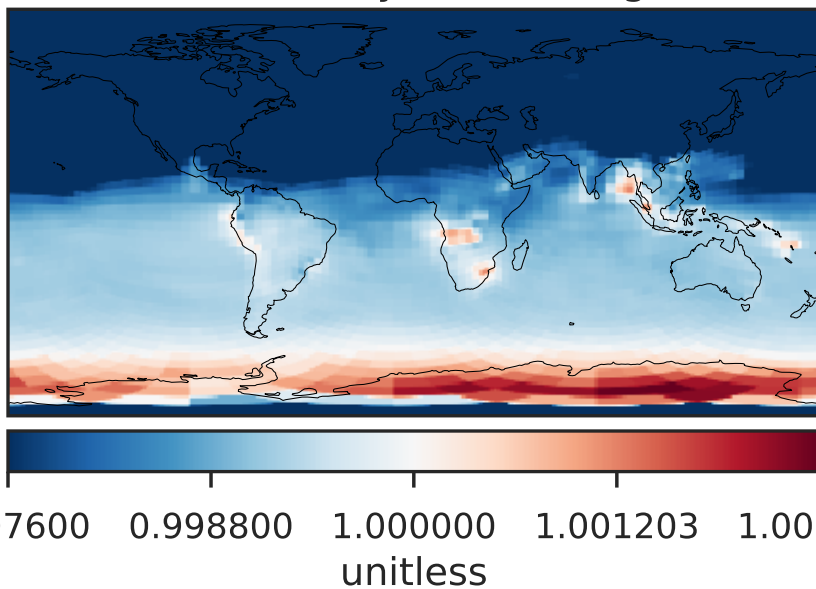
Difference (1x1.25)
Dev - Ref, Dynamic Range



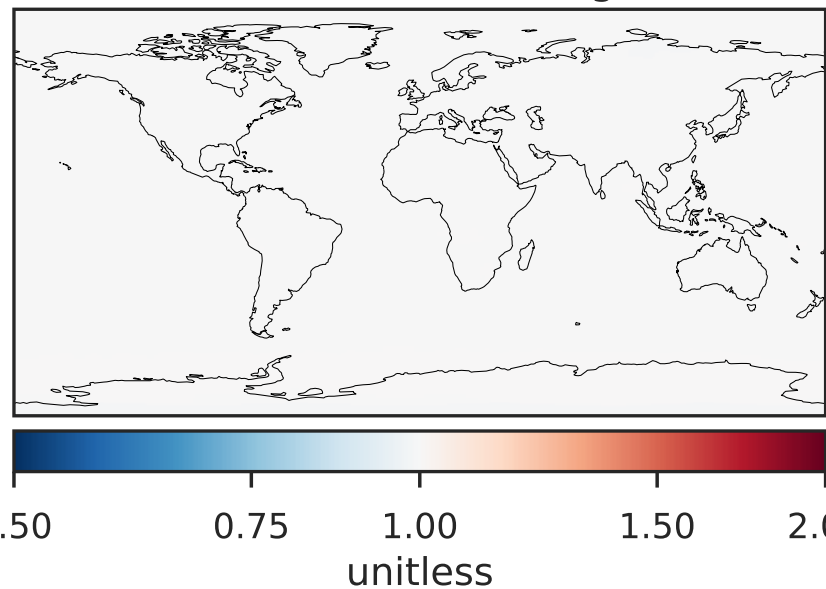
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range



Ratio (1x1.25)
Dev/Ref, Fixed Range

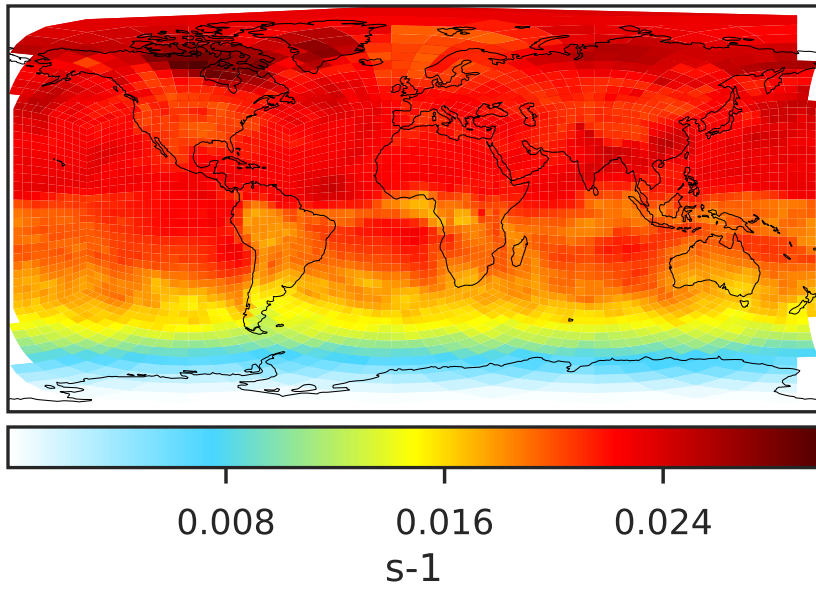


0.997600 0.998800 1.000000 1.001203 1.002406
unitless

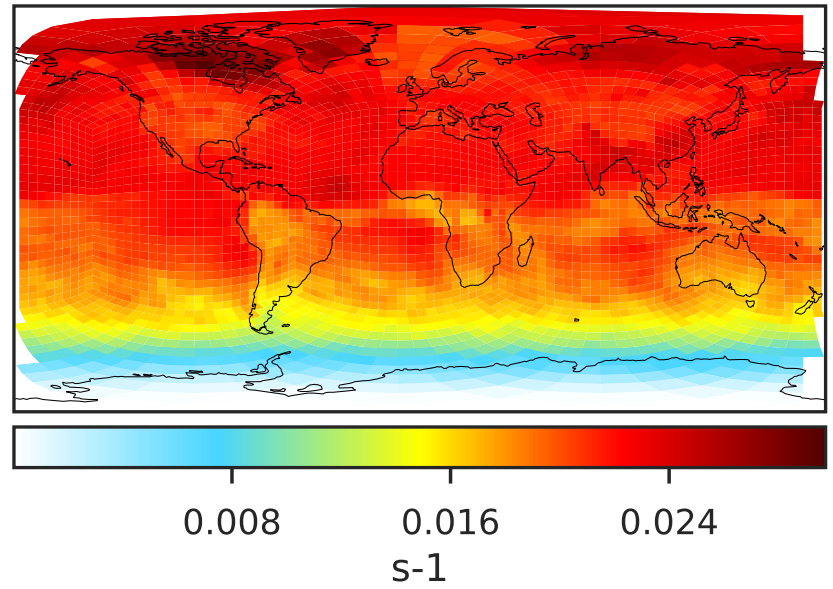
0.50 0.75 1.00 1.50 2.00
unitless

Jval_I203 (Apr2019)

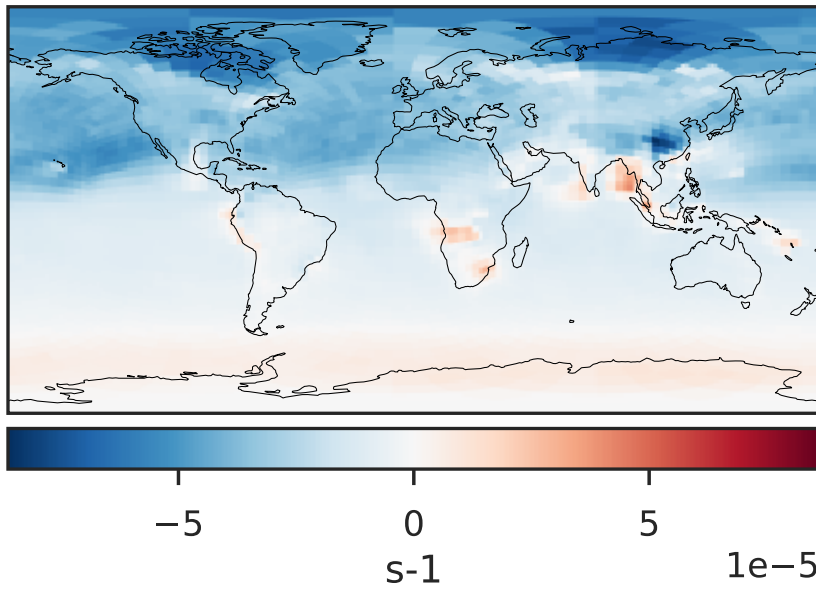
GCHP_14.0.0 (Ref)
c24



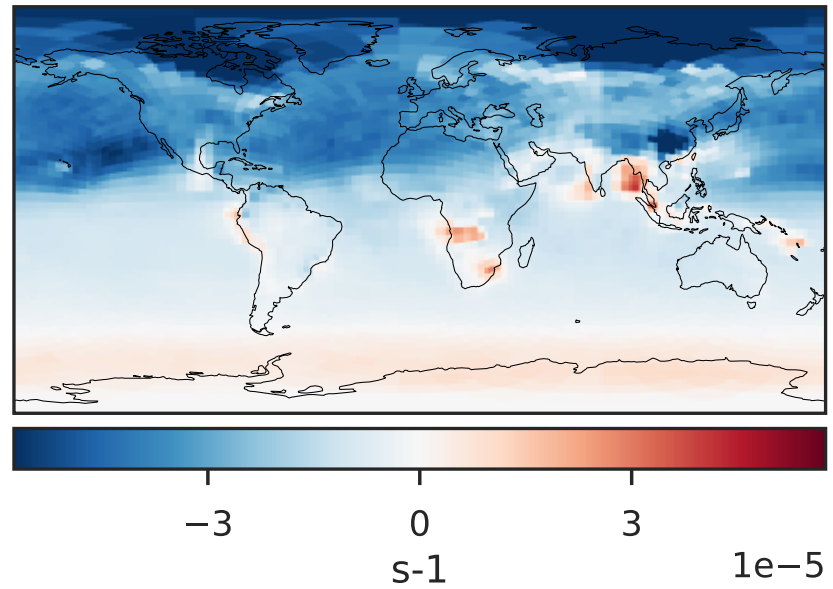
GCHP_14.2.0 (Dev)
c24



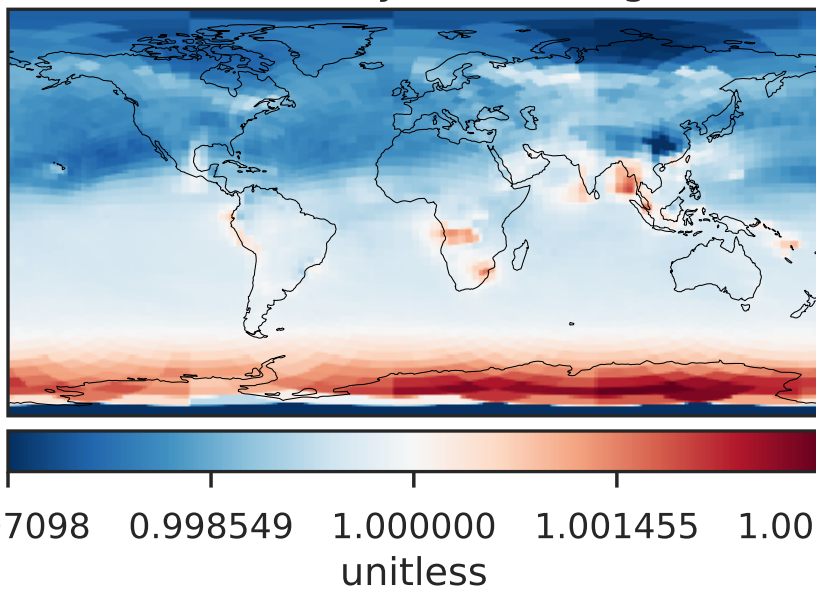
Difference (1x1.25)
Dev - Ref, Dynamic Range



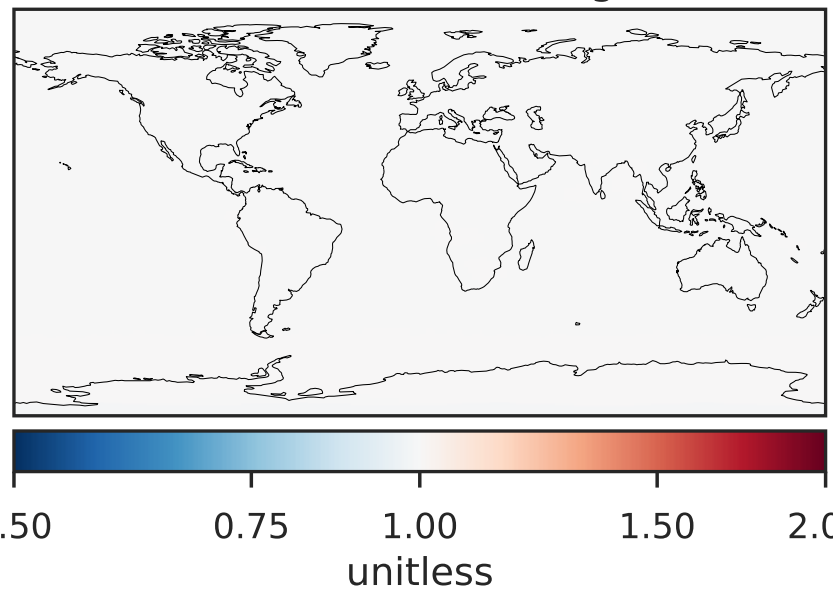
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range



Ratio (1x1.25)
Dev/Ref, Fixed Range

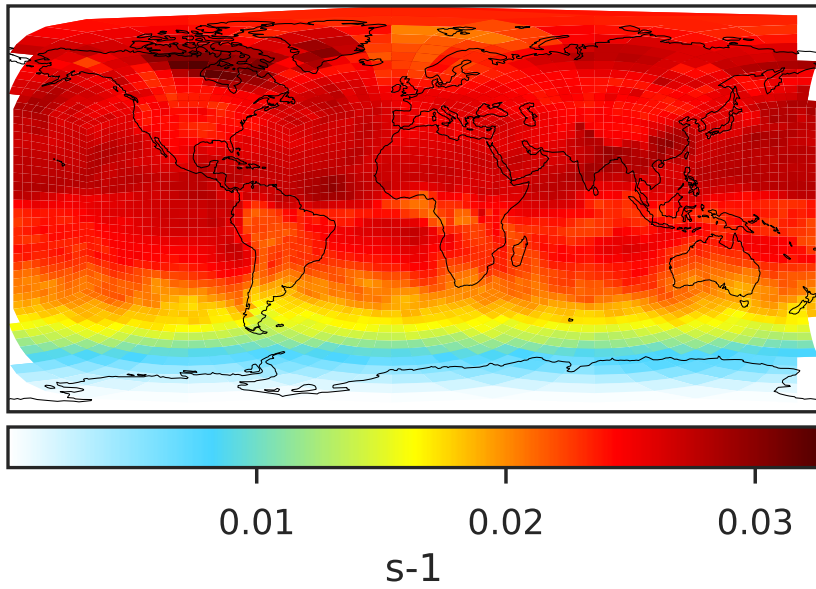


0.997098 0.998549 1.000000 1.001455 1.002910
unitless

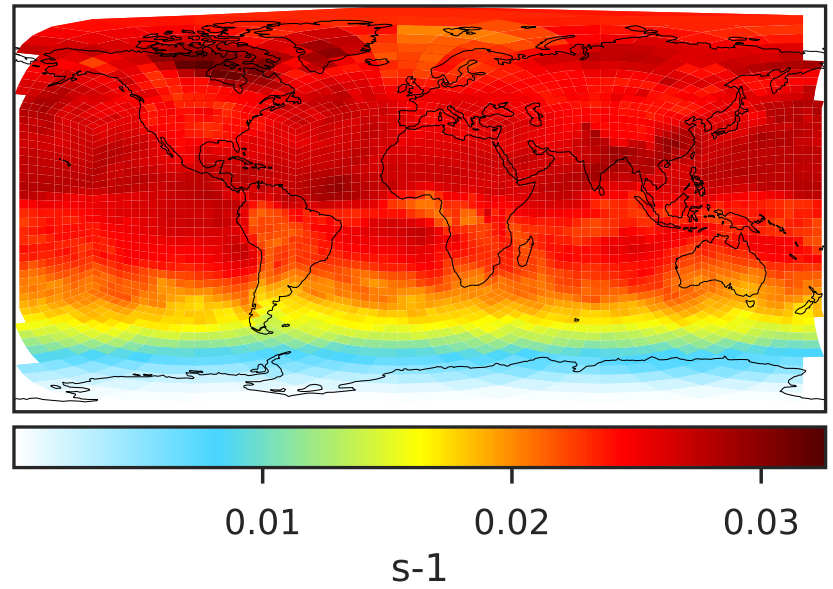
0.50 0.75 1.00 1.50 2.00
unitless

Jval_I2O4 (Apr2019)

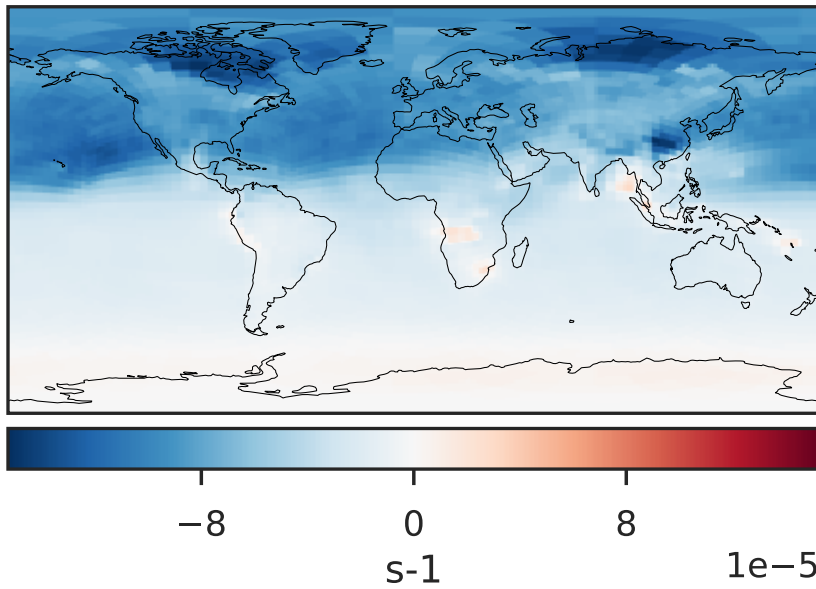
GCHP_14.0.0 (Ref)
c24



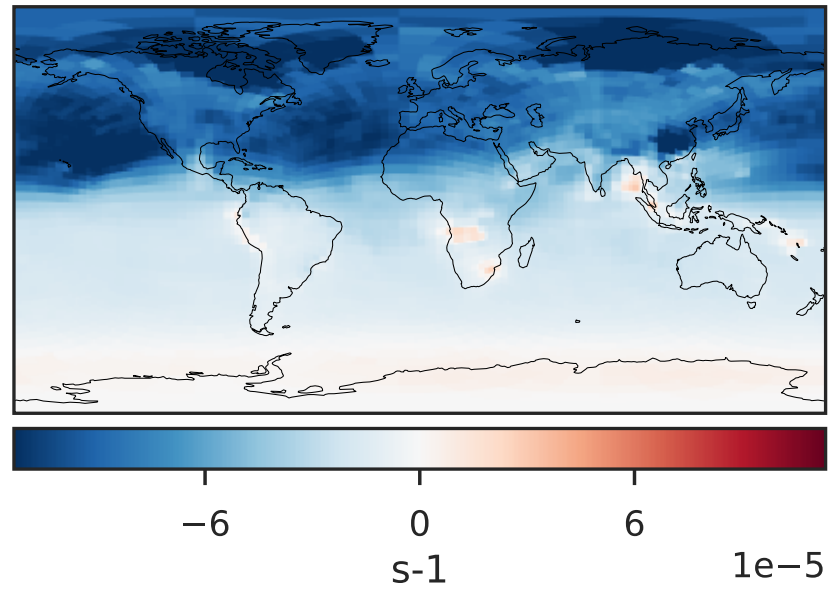
GCHP_14.2.0 (Dev)
c24



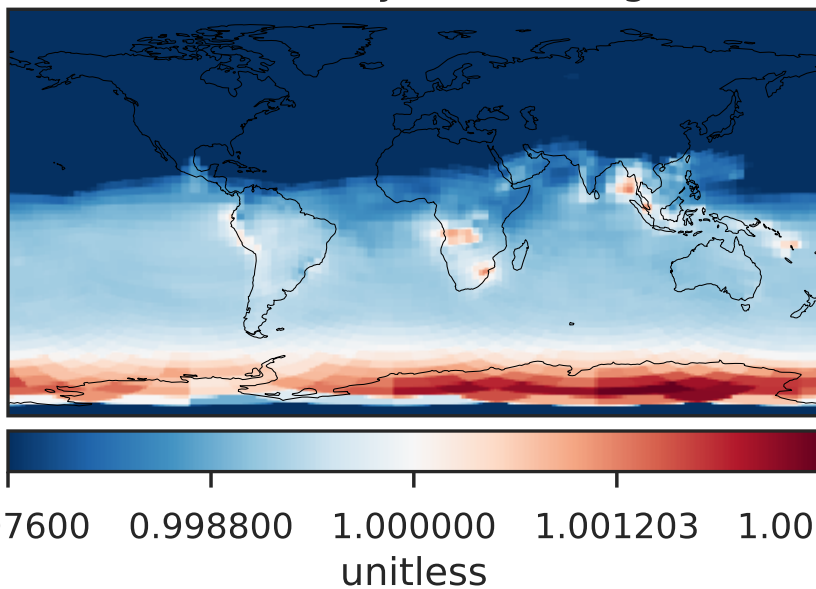
Difference (1x1.25)
Dev - Ref, Dynamic Range



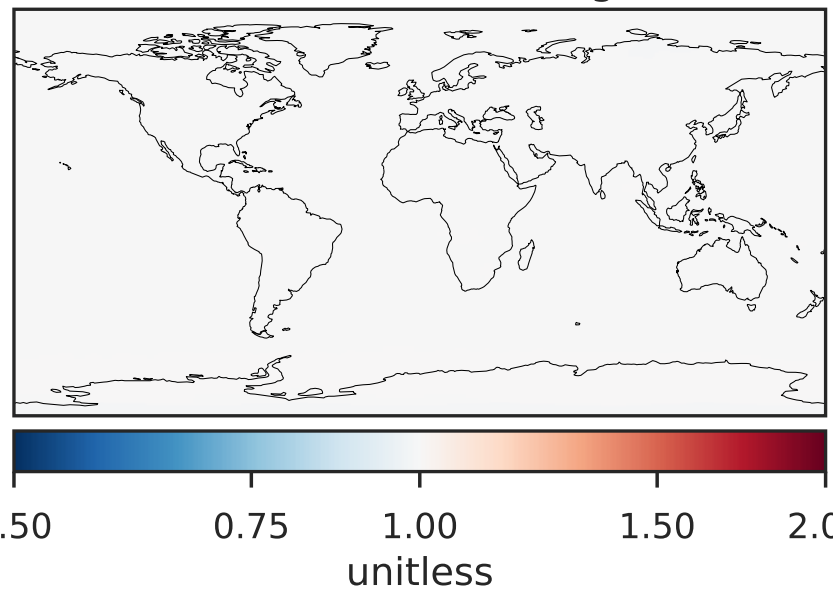
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

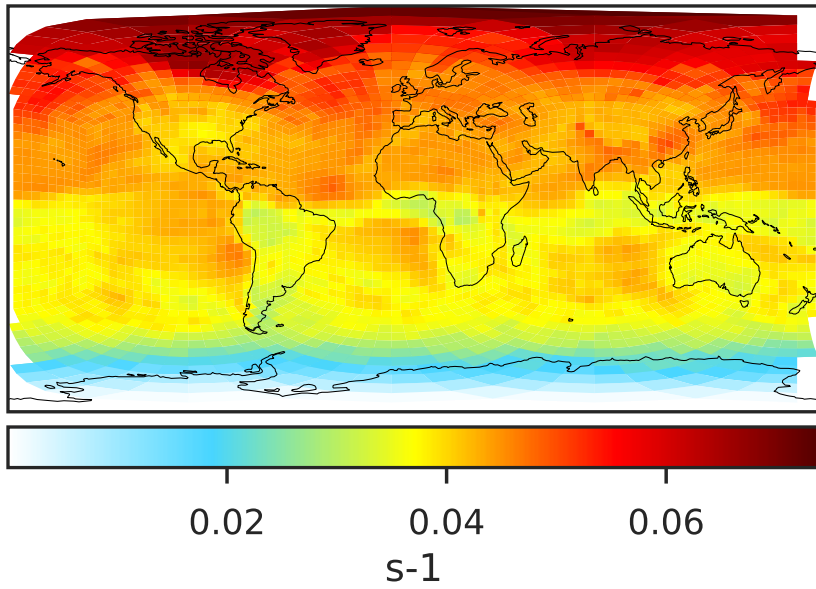


Ratio (1x1.25)
Dev/Ref, Fixed Range

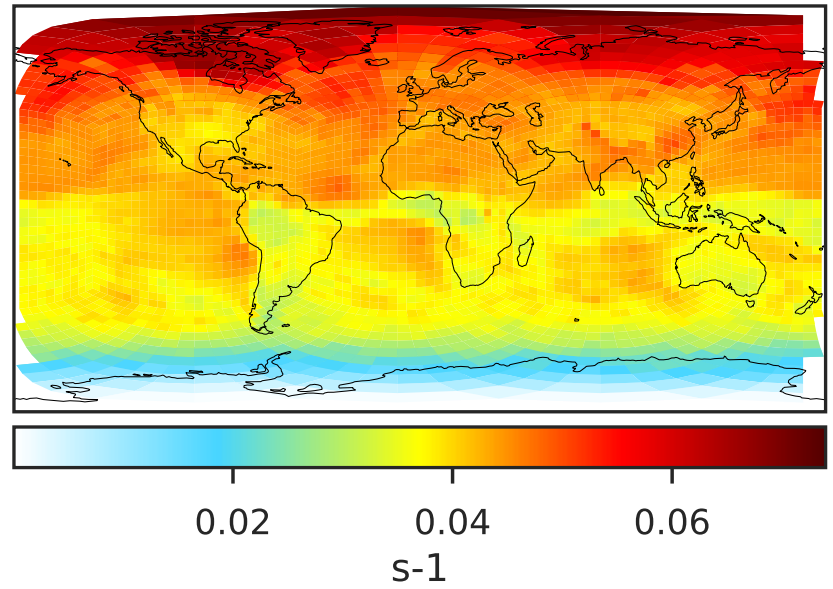


Jval_IBr (Apr2019)

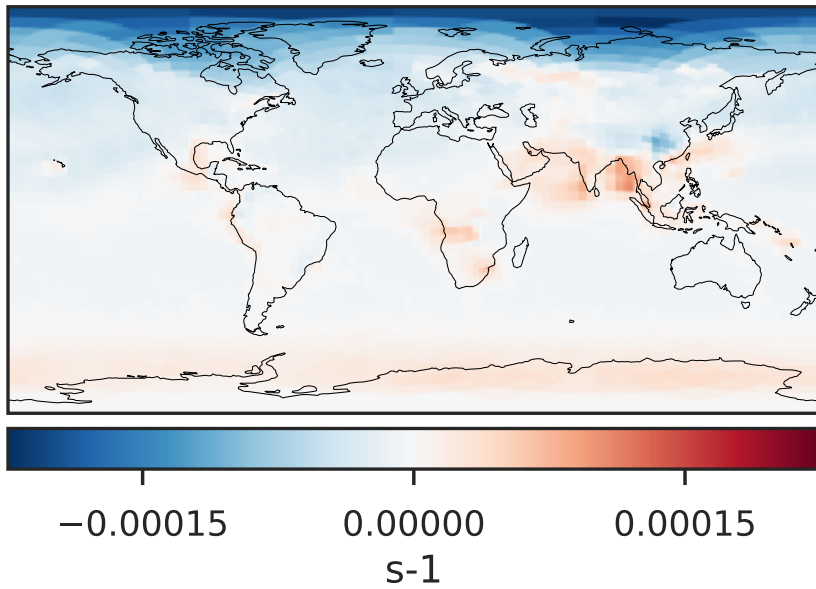
GCHP_14.0.0 (Ref)
c24



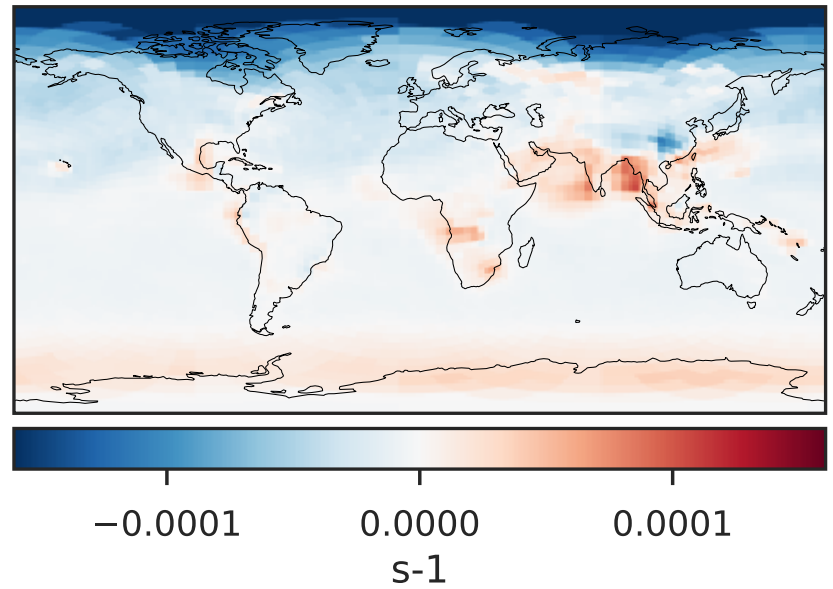
GCHP_14.2.0 (Dev)
c24



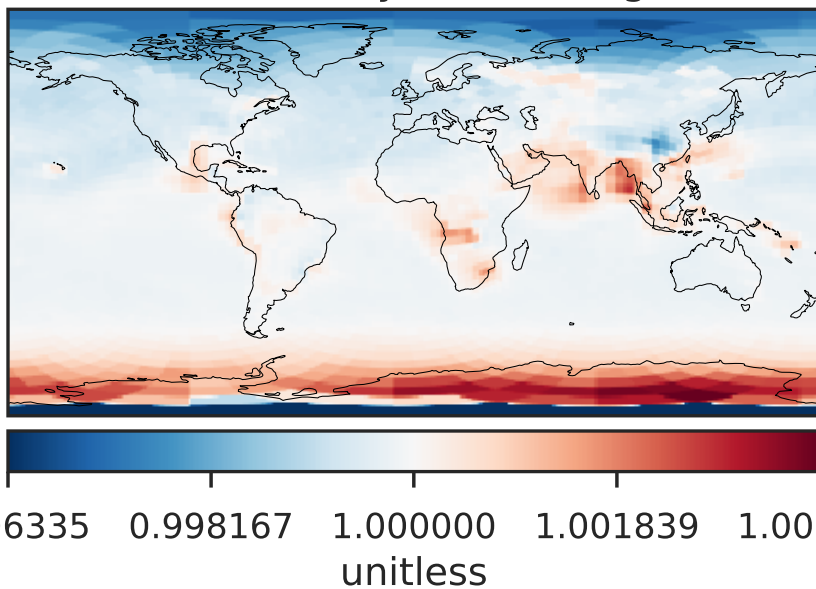
Difference (1x1.25)
Dev - Ref, Dynamic Range



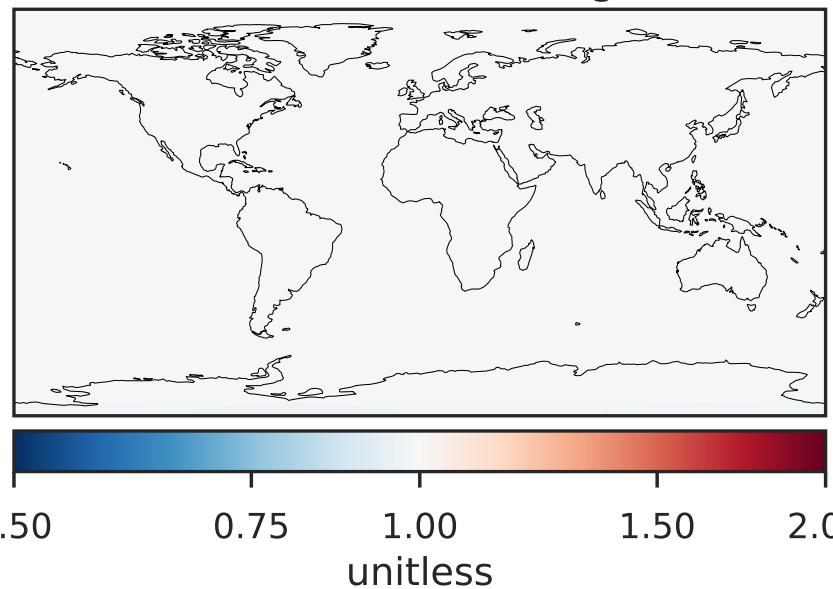
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range



Ratio (1x1.25)
Dev/Ref, Fixed Range

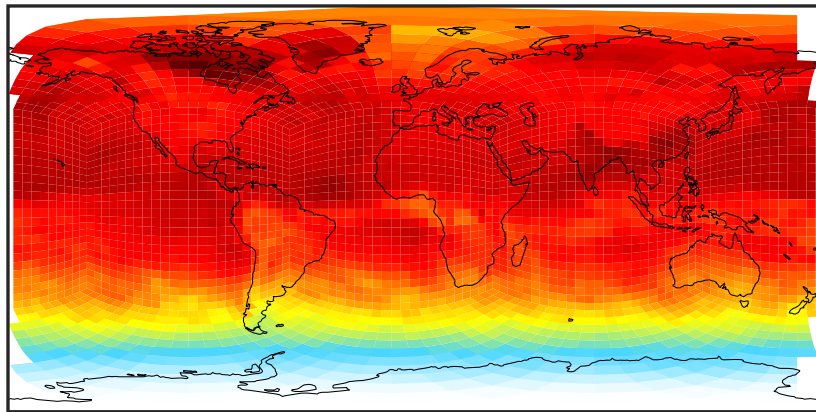


0.996335 0.998167 1.000000 1.001839 1.003679
unitless

0.50 0.75 1.00 1.50 2.00
unitless

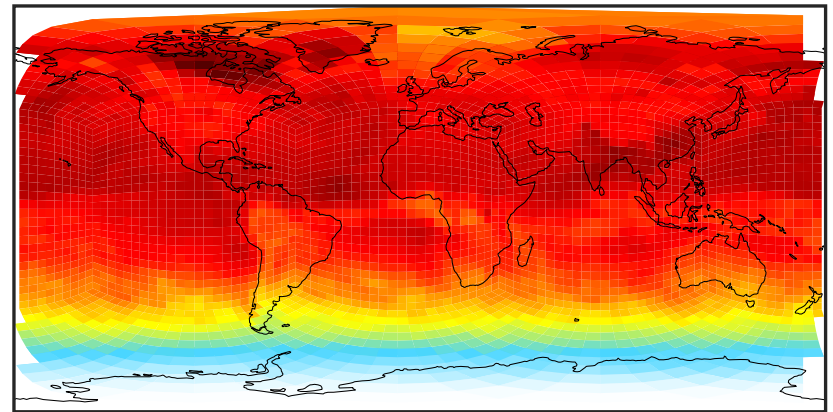
Jval_ICN (Apr2019)

GCHP_14.0.0 (Ref)
c24



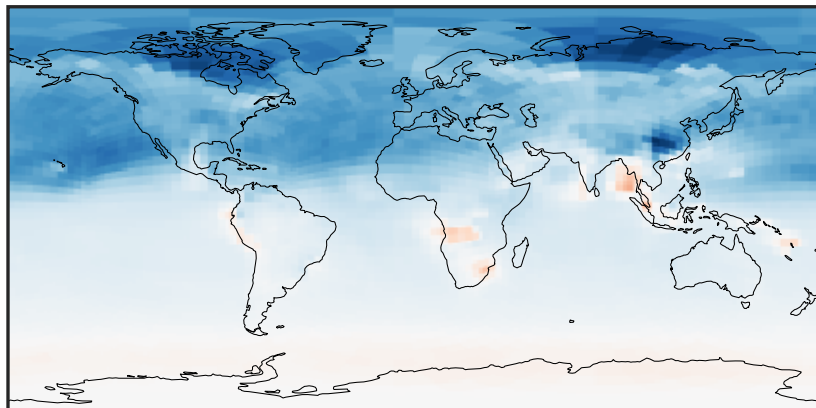
0.00006 0.00012 0.00018
s-1

GCHP_14.2.0 (Dev)
c24



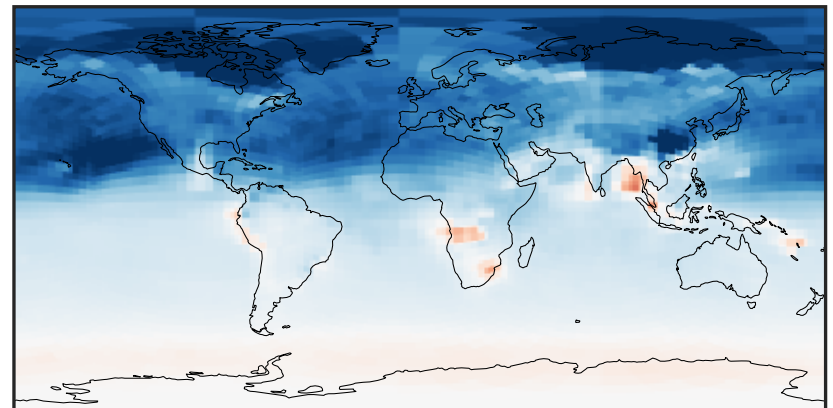
0.00006 0.00012 0.00018
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



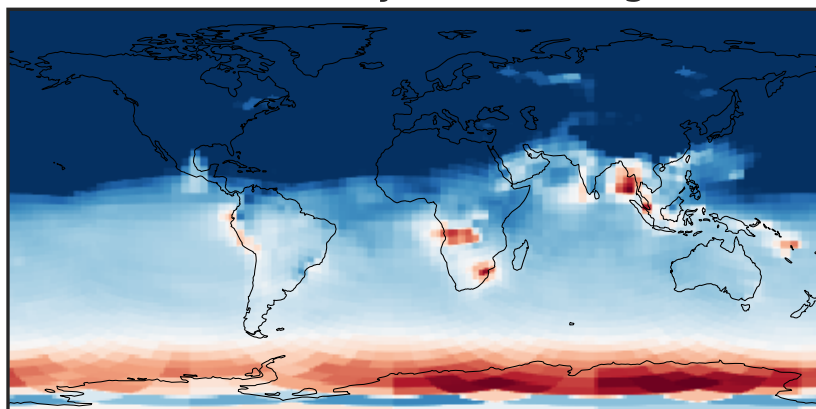
-4 0 4
s-1 1e-7

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



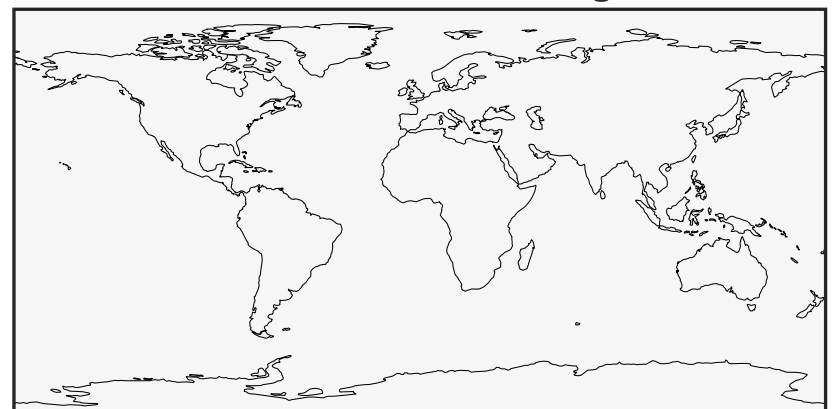
-2.5 0.0 2.5
s-1 1e-7

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.998348 0.999174 1.000000 1.000827 1.001655
unitless

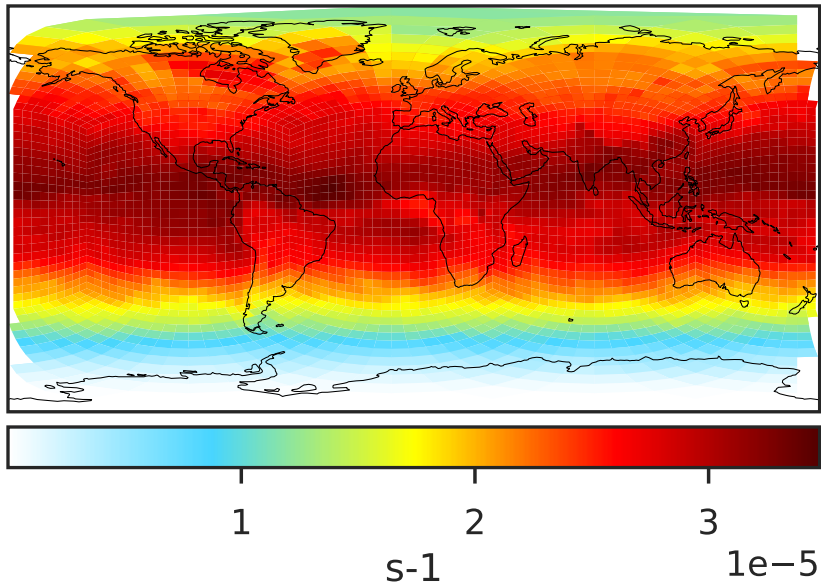
Ratio (1x1.25)
Dev/Ref, Fixed Range



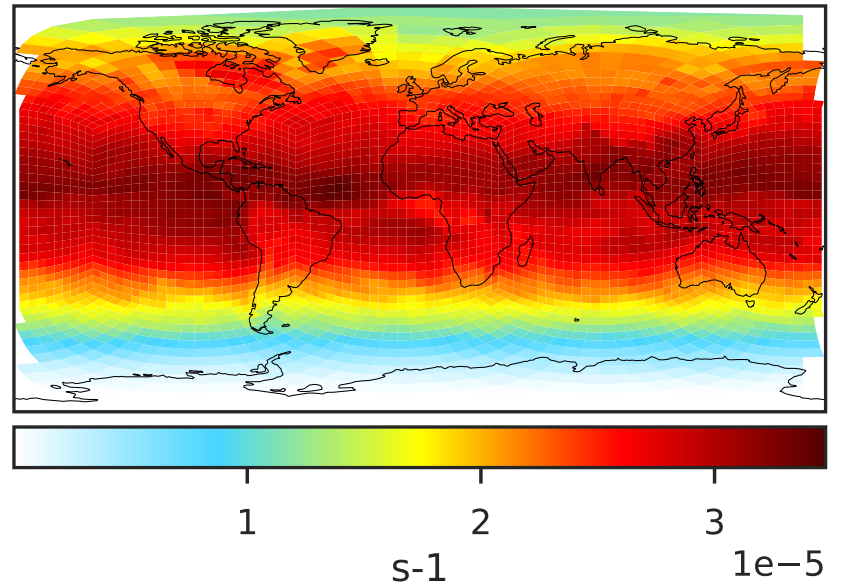
0.50 0.75 1.00 1.50 2.00
unitless

Jval_ICPDH (Apr2019)

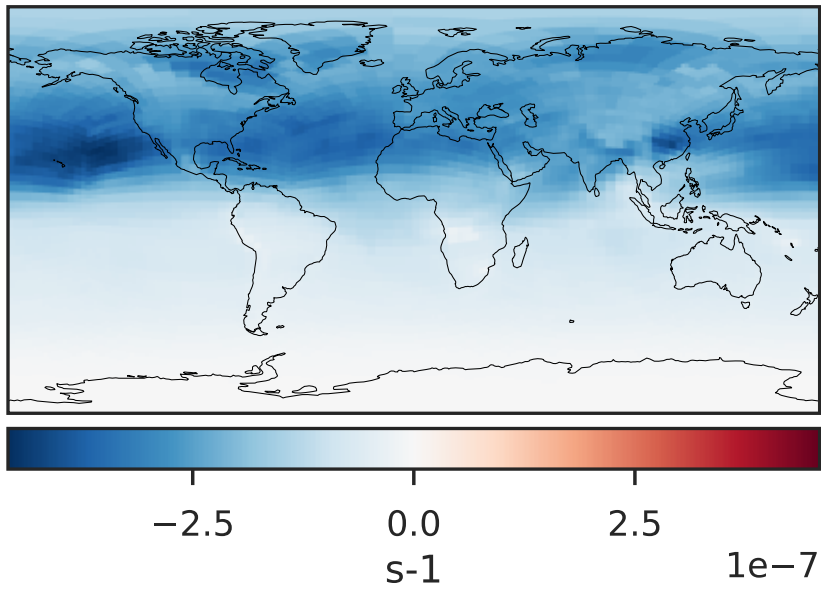
GCHP_14.0.0 (Ref)
c24



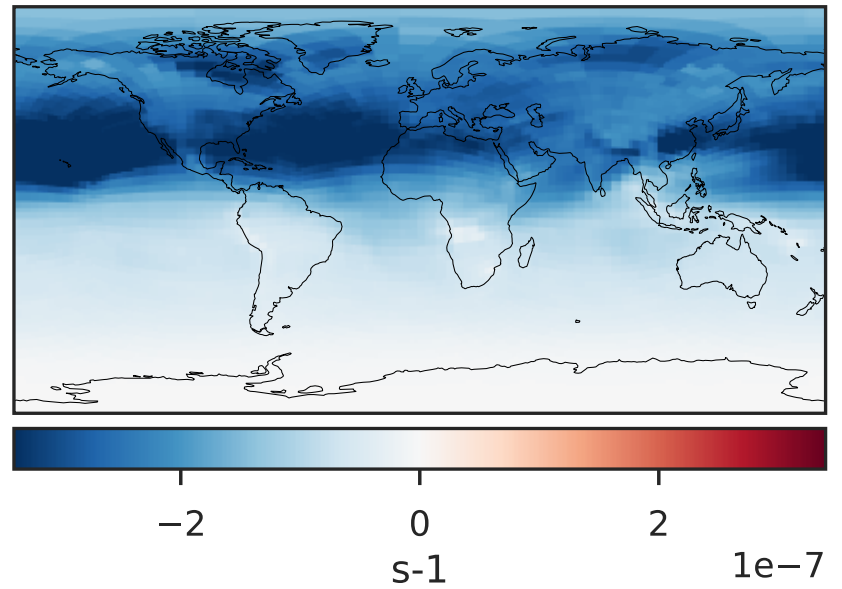
GCHP_14.2.0 (Dev)
c24



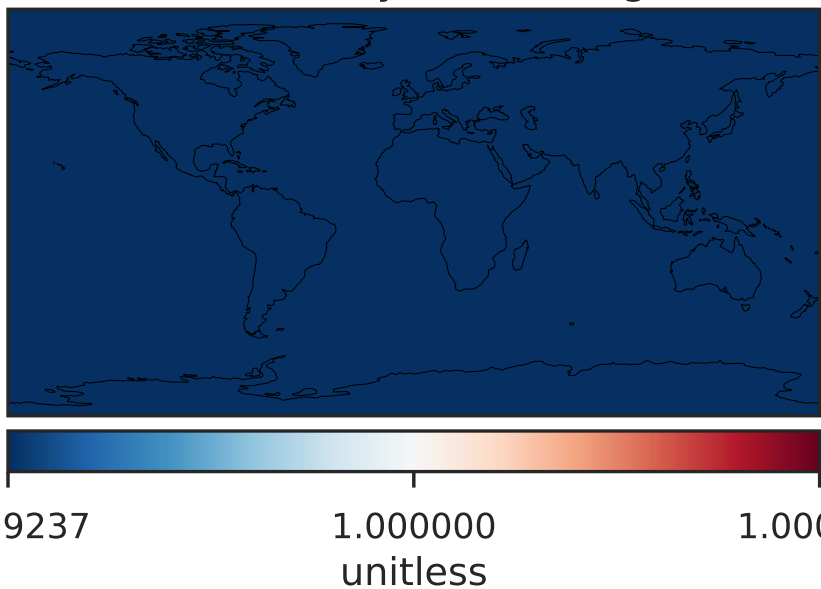
Difference (1x1.25)
Dev - Ref, Dynamic Range



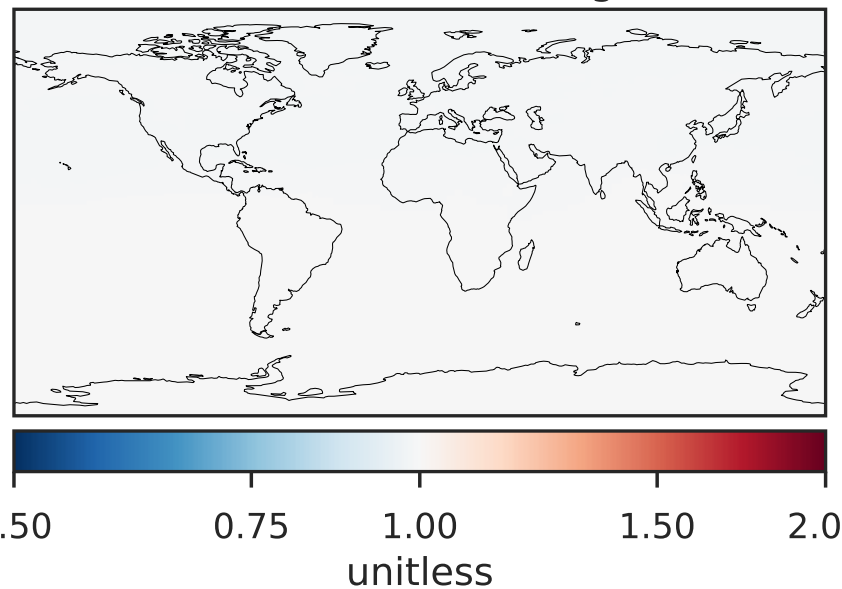
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range



Ratio (1x1.25)
Dev/Ref, Fixed Range



0.999237

1.000000
unitless

1.000764

0.50

0.75

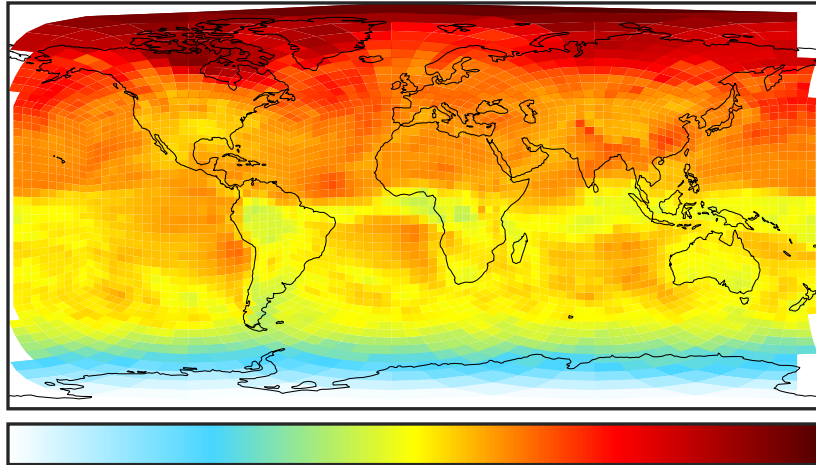
1.00
unitless

1.50

2.00

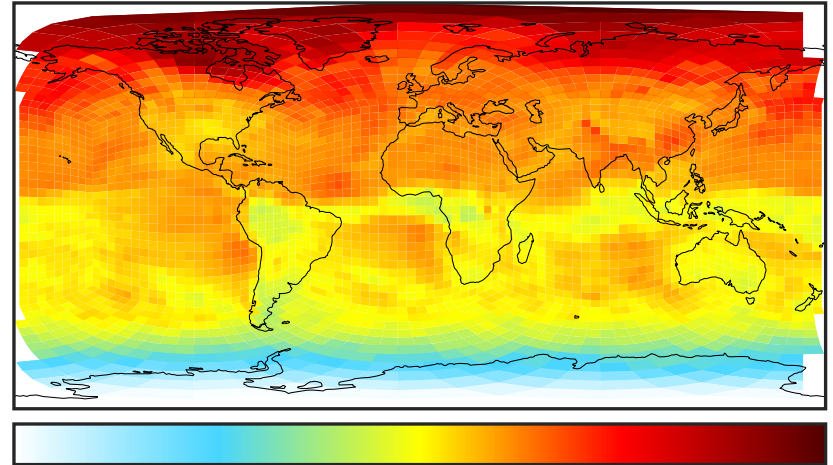
Jval_ICI (Apr2019)

GCHP_14.0.0 (Ref)
c24



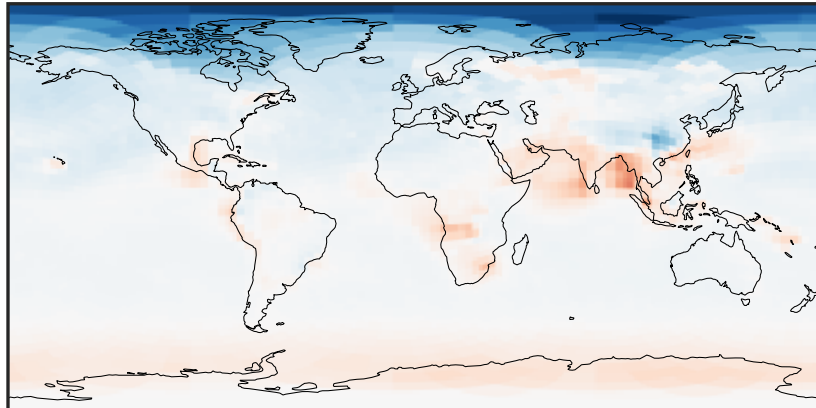
0.006 0.012 0.018
s-1

GCHP_14.2.0 (Dev)
c24



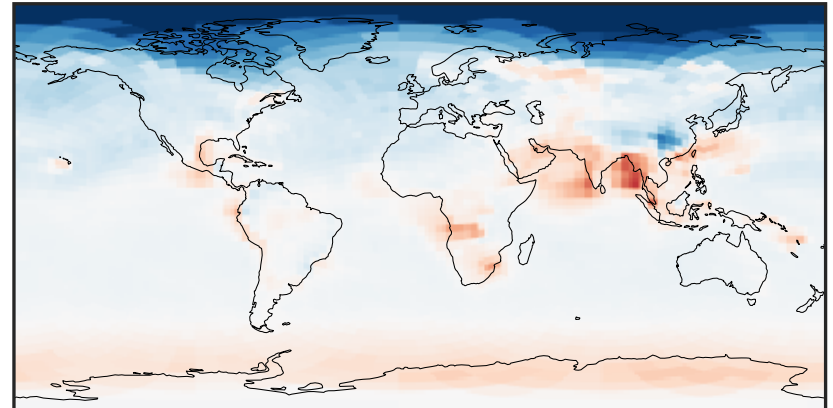
0.006 0.012 0.018
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



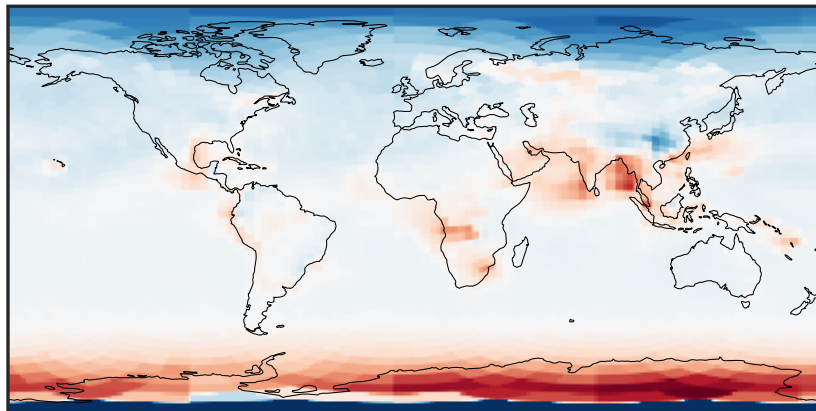
-4 0 4
s-1 $1e-5$

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



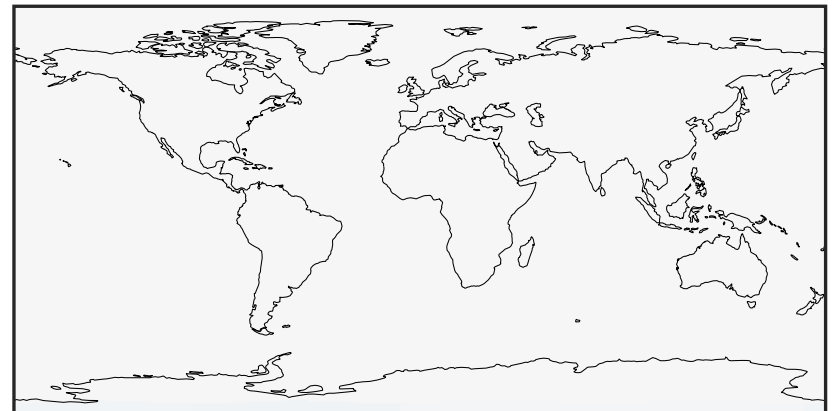
-2.5 0.0 2.5
s-1 $1e-5$

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.996358 0.998179 1.000000 1.001828 1.003655
unitless

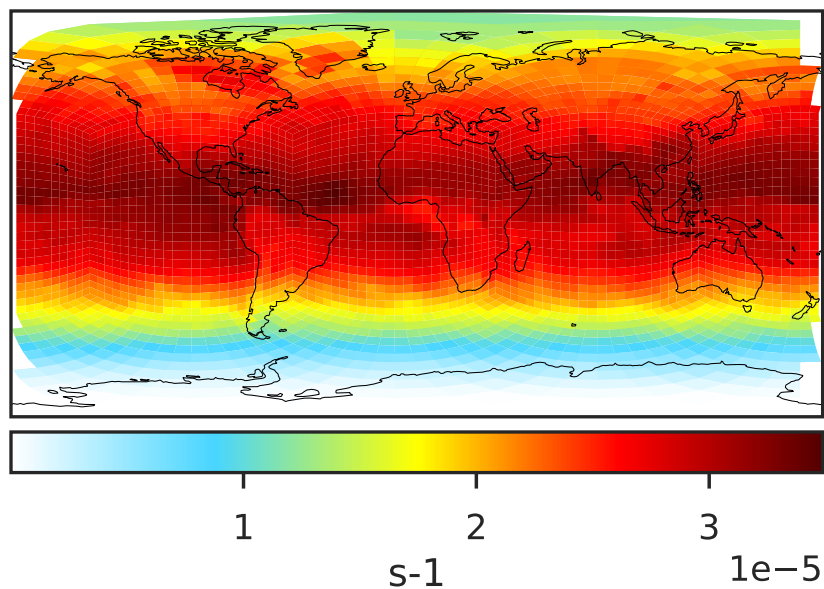
Ratio (1x1.25)
Dev/Ref, Fixed Range



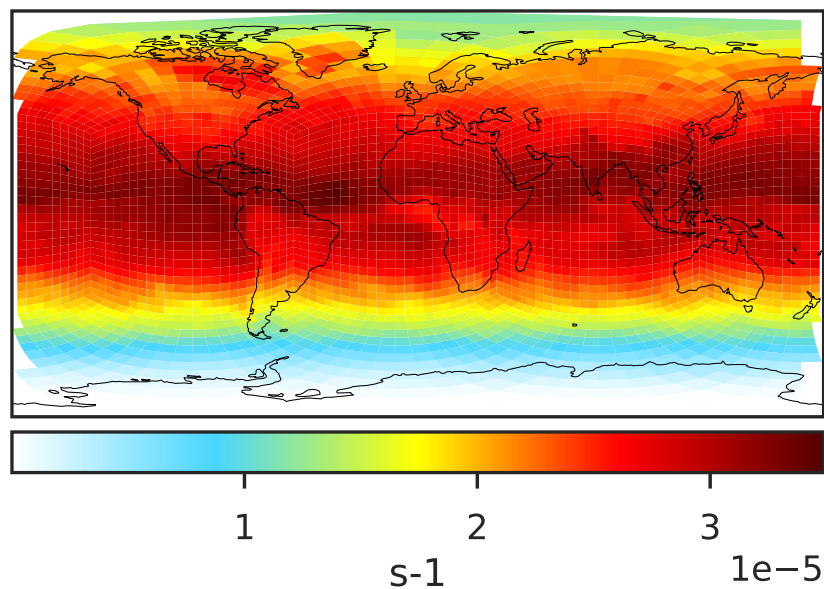
0.50 0.75 1.00 1.50 2.00
unitless

Jval_IDCHP (Apr2019)

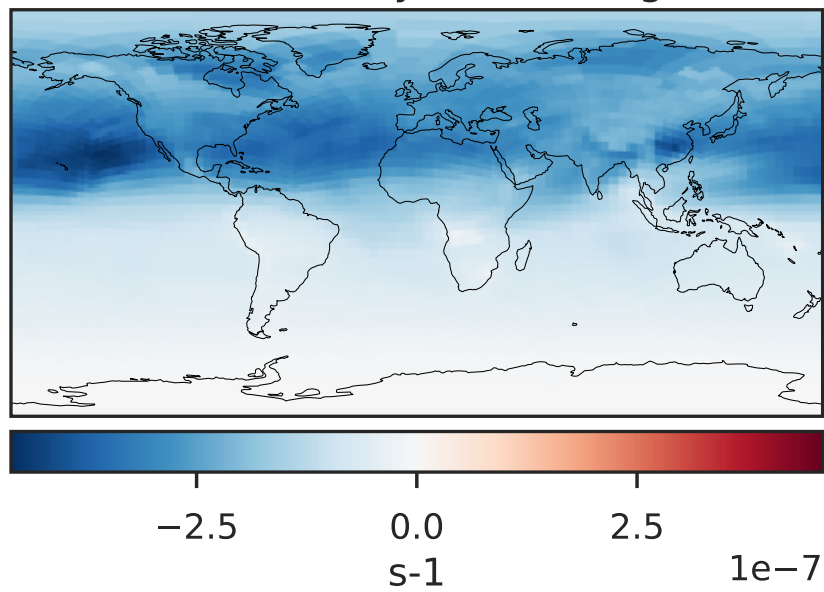
GCHP_14.0.0 (Ref)
c24



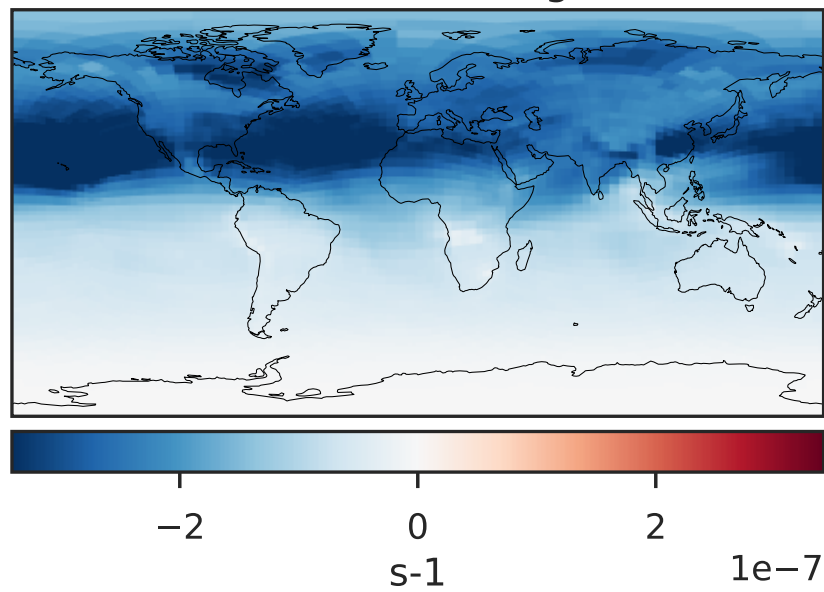
GCHP_14.2.0 (Dev)
c24



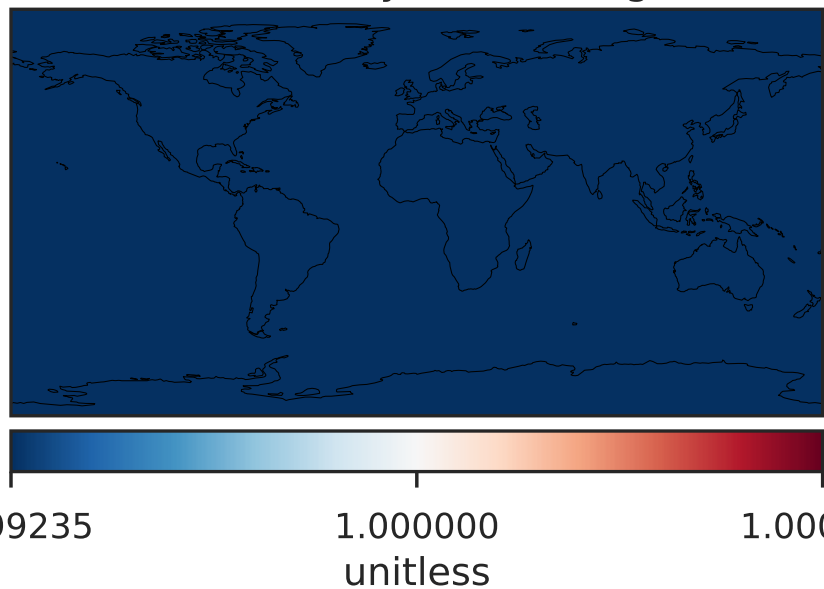
Difference (1x1.25)
Dev - Ref, Dynamic Range



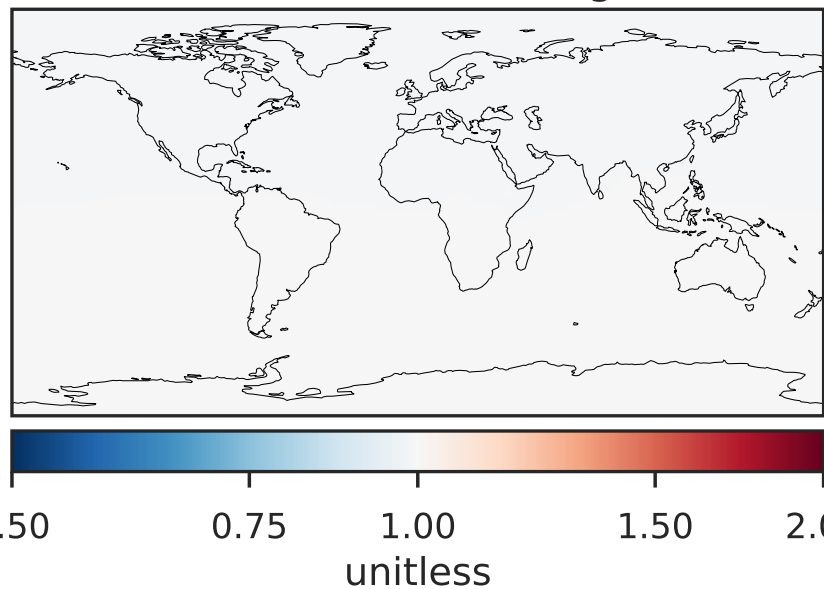
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

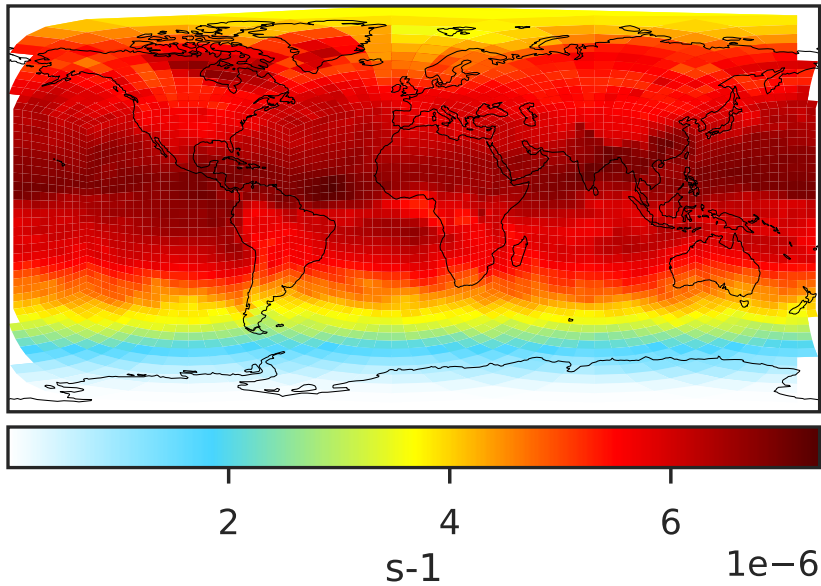


Ratio (1x1.25)
Dev/Ref, Fixed Range

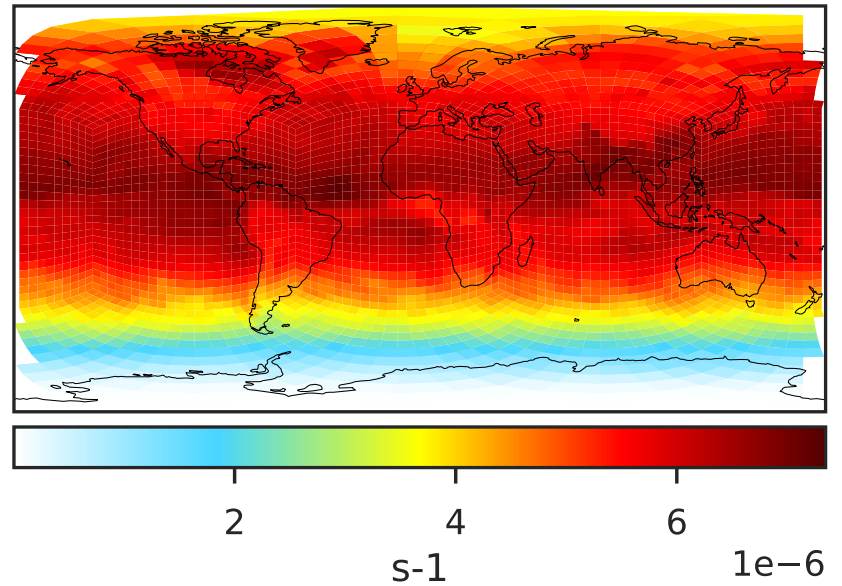


Jval_IDHDP (Apr2019)

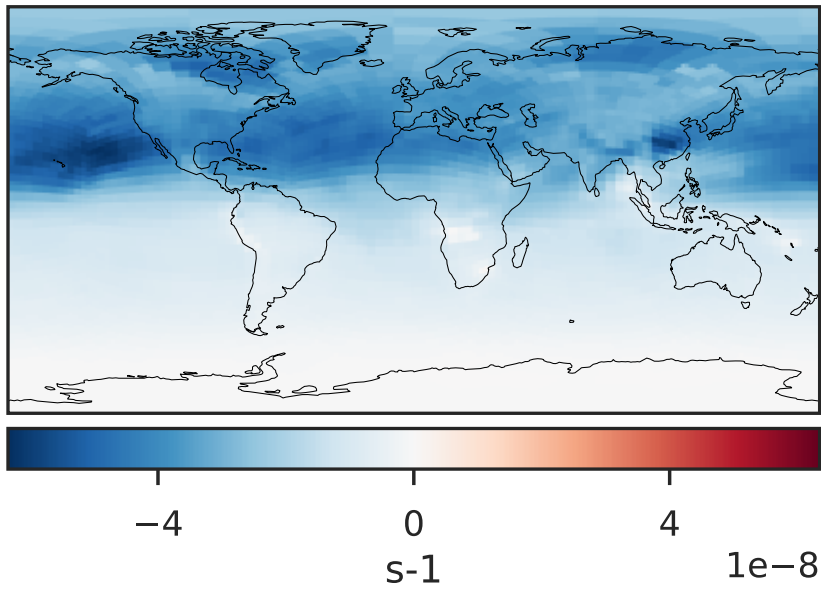
GCHP_14.0.0 (Ref)
c24



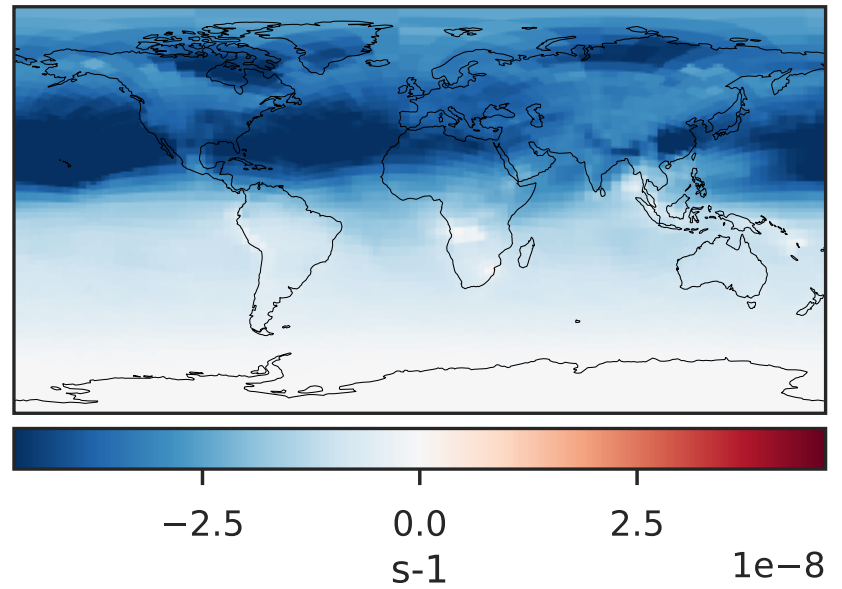
GCHP_14.2.0 (Dev)
c24



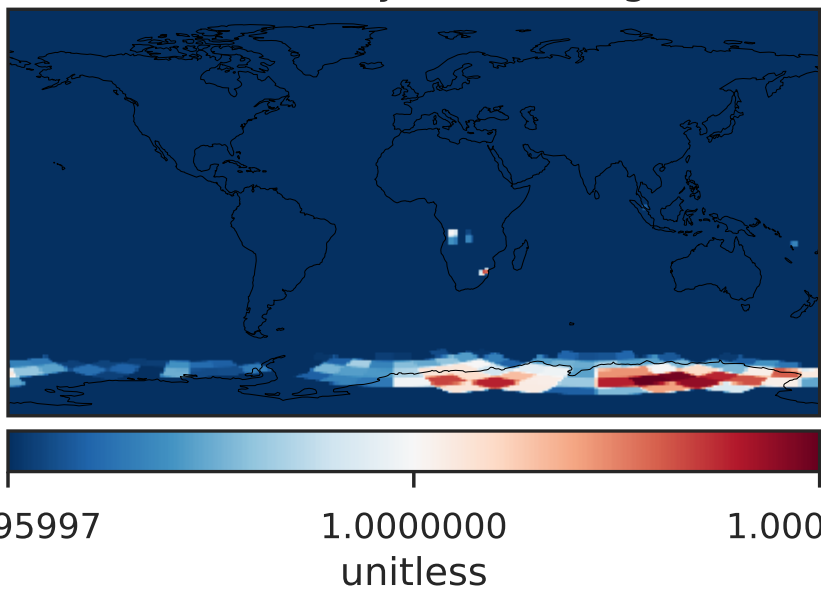
Difference (1x1.25)
Dev - Ref, Dynamic Range



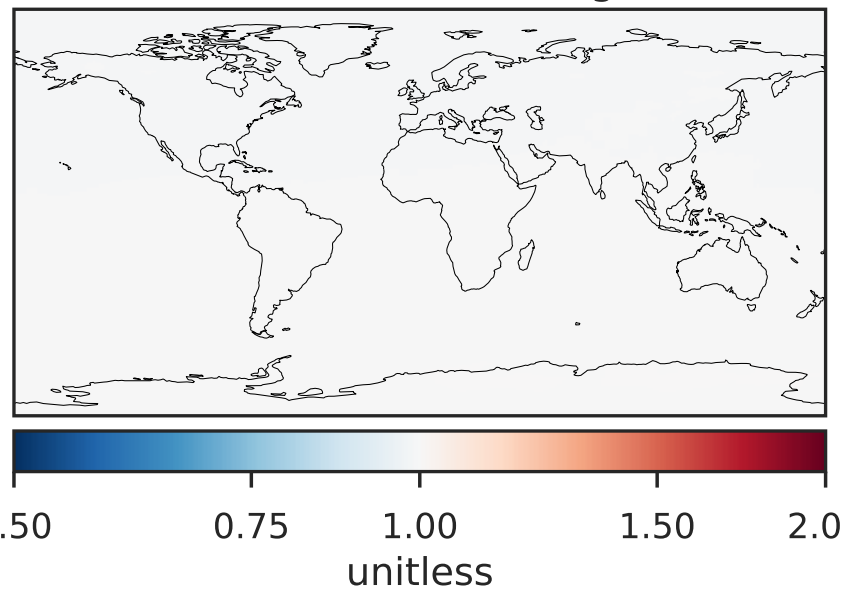
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range



Ratio (1x1.25)
Dev/Ref, Fixed Range



0.9995997

1.000000

1.0004004

unitless

0.50

0.75

1.00

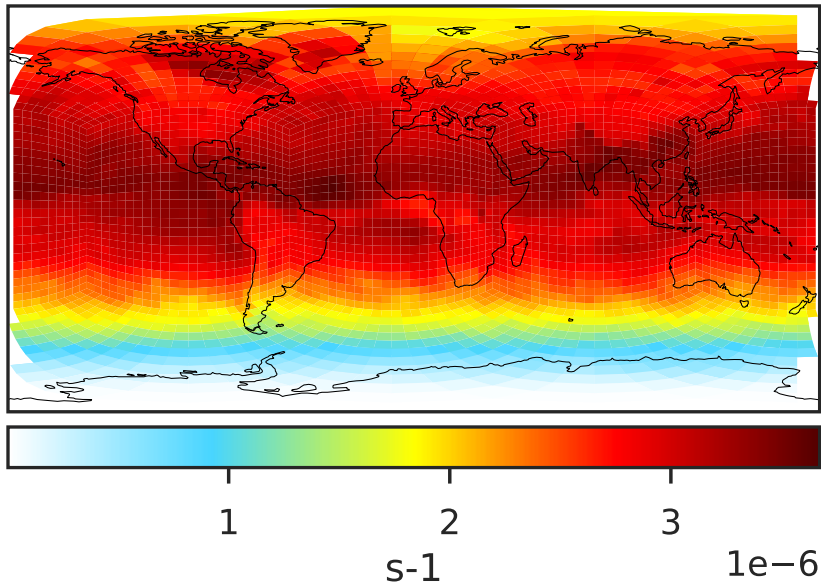
1.50

2.00

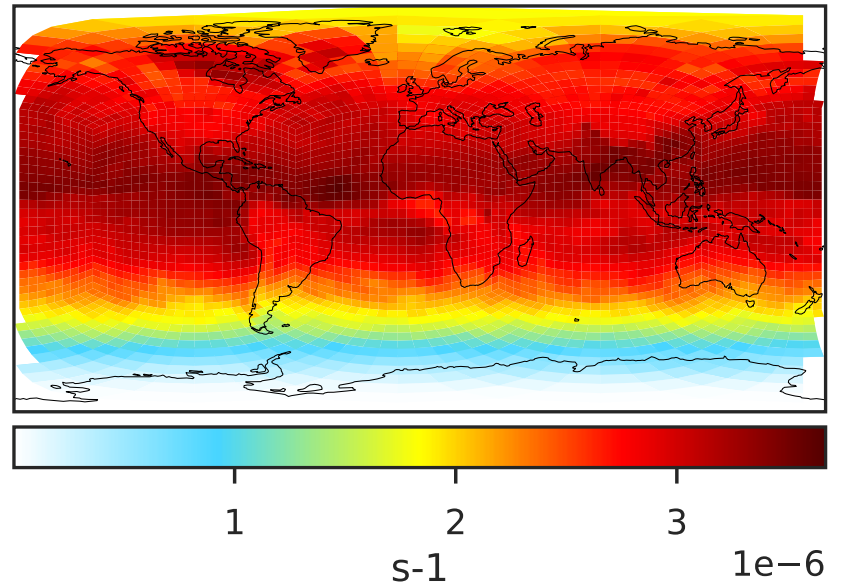
unitless

Jval_IDHPE (Apr2019)

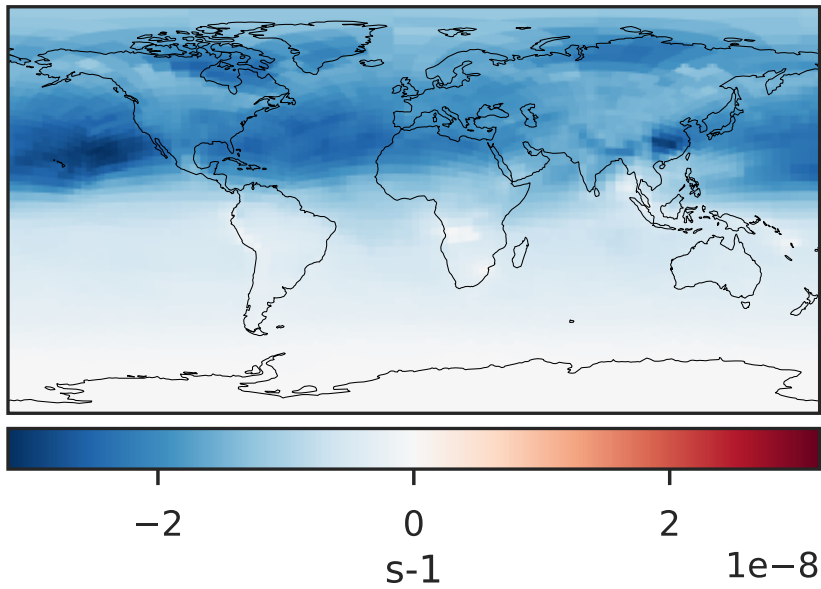
GCHP_14.0.0 (Ref)
c24



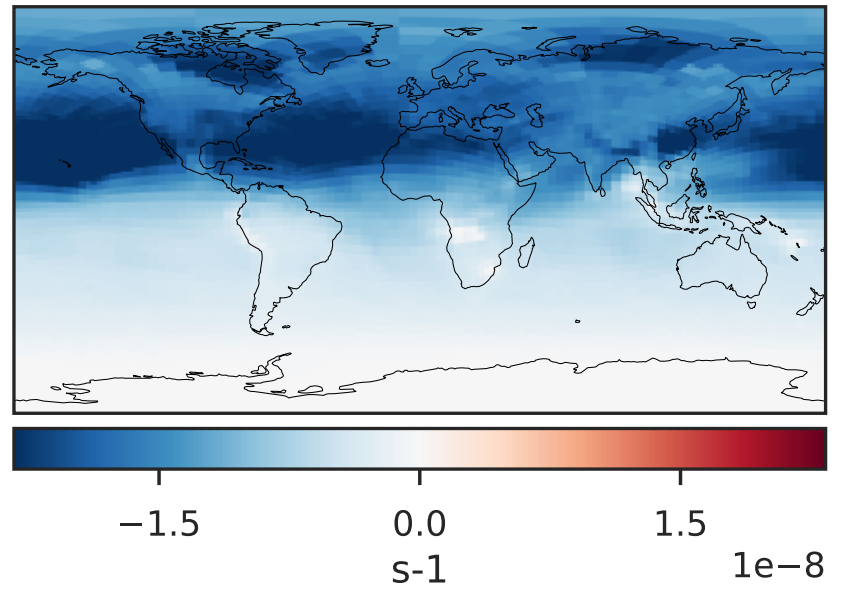
GCHP_14.2.0 (Dev)
c24



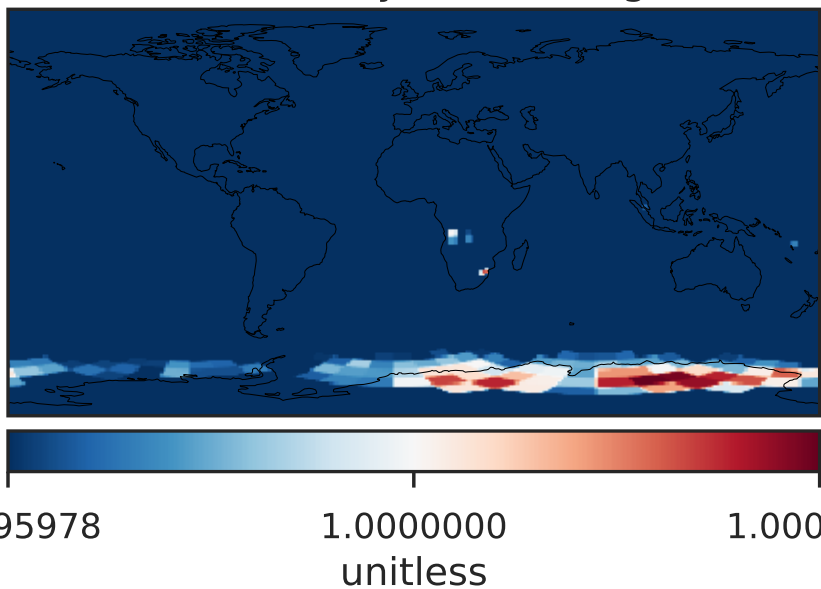
Difference (1x1.25)
Dev - Ref, Dynamic Range



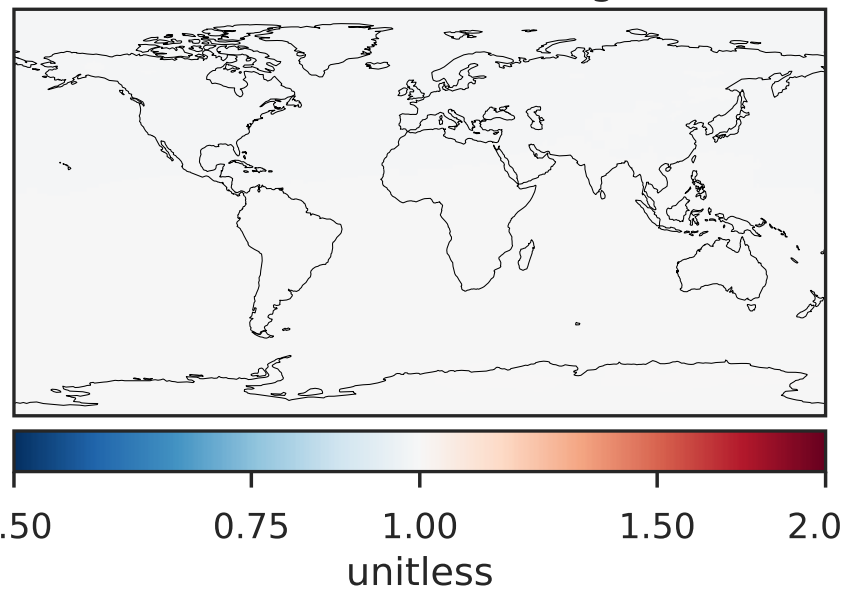
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

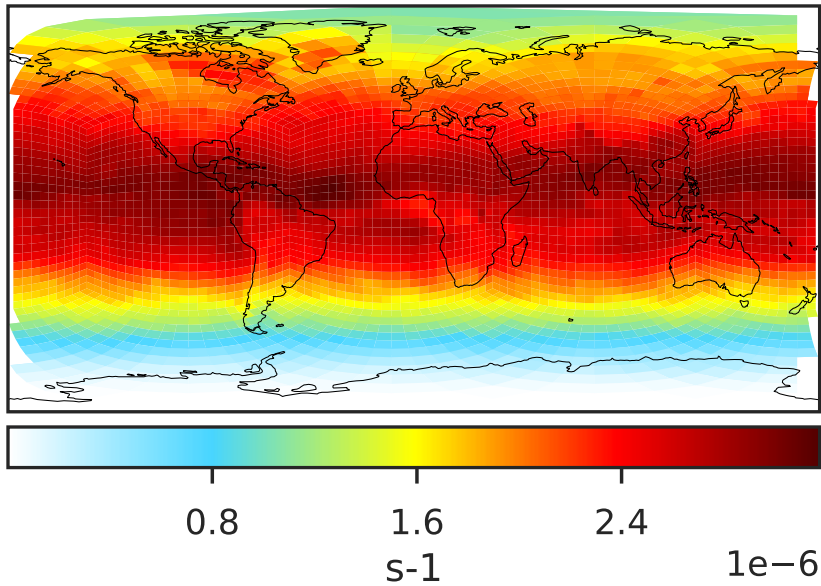


Ratio (1x1.25)
Dev/Ref, Fixed Range

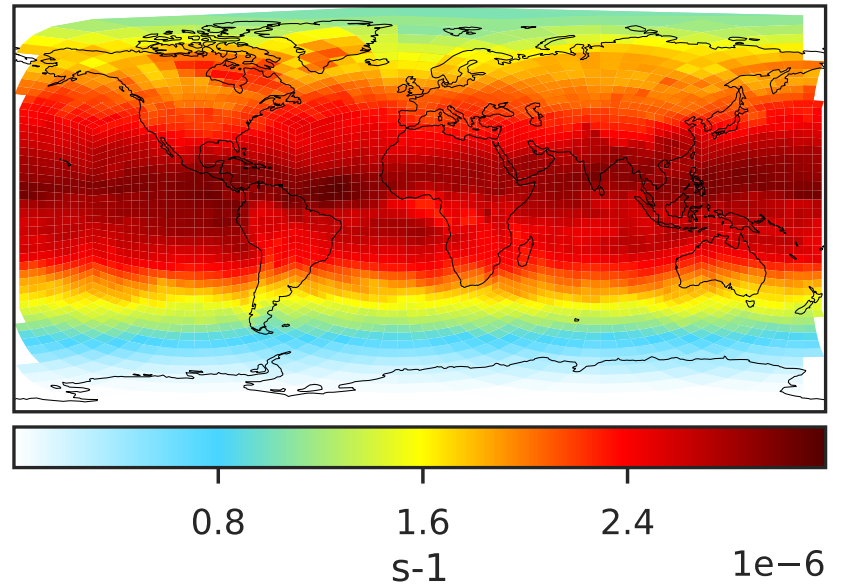


Jval_IDN (Apr2019)

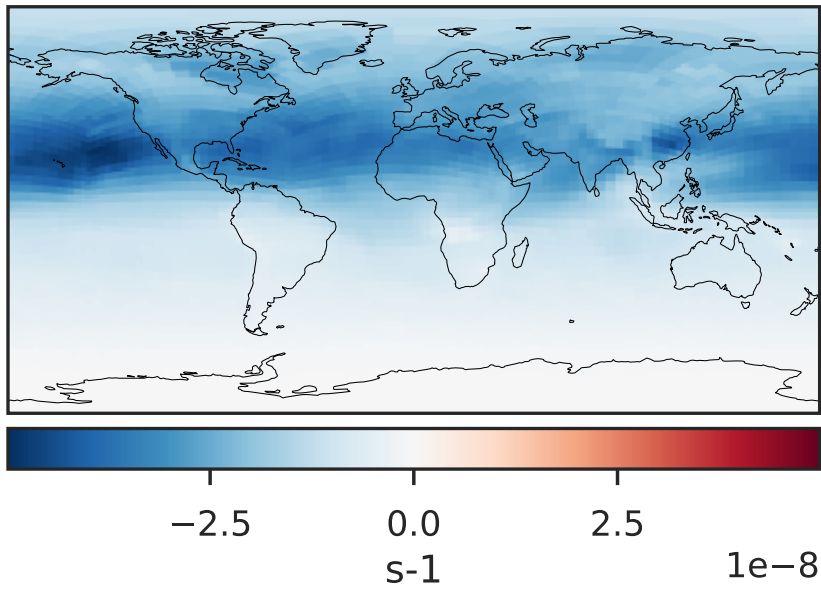
GCHP_14.0.0 (Ref)
c24



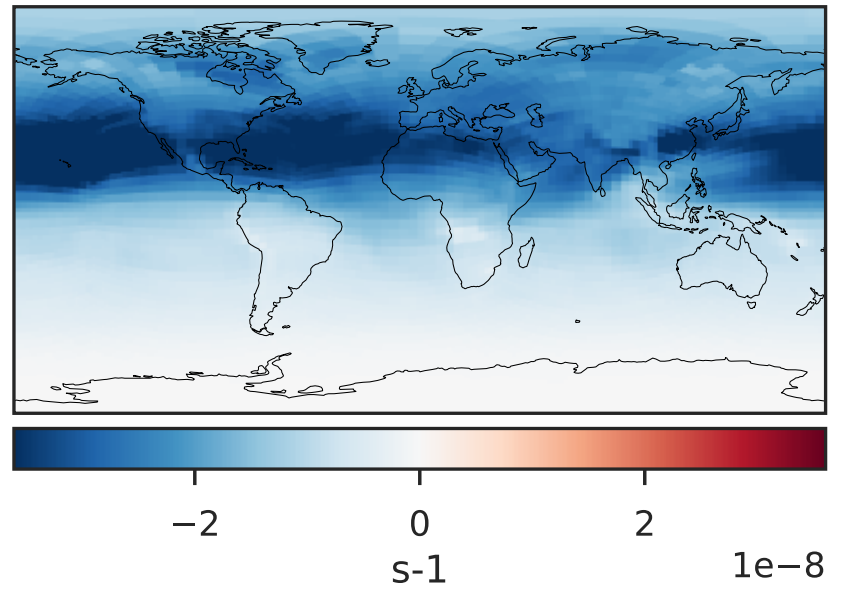
GCHP_14.2.0 (Dev)
c24



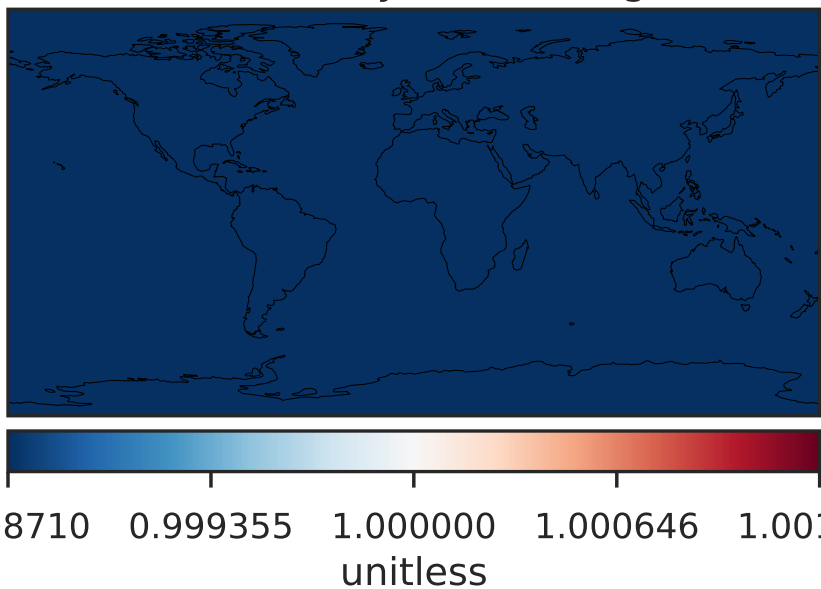
Difference (1x1.25)
Dev - Ref, Dynamic Range



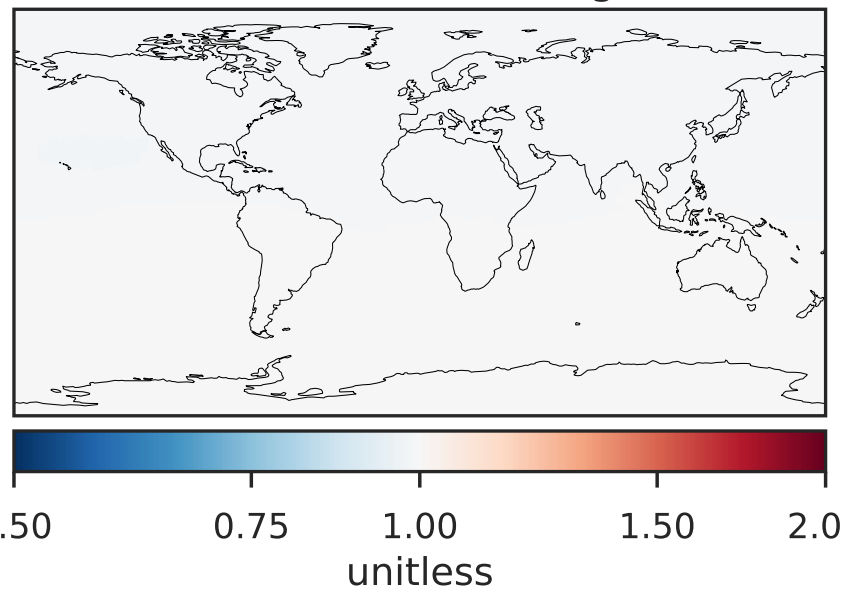
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

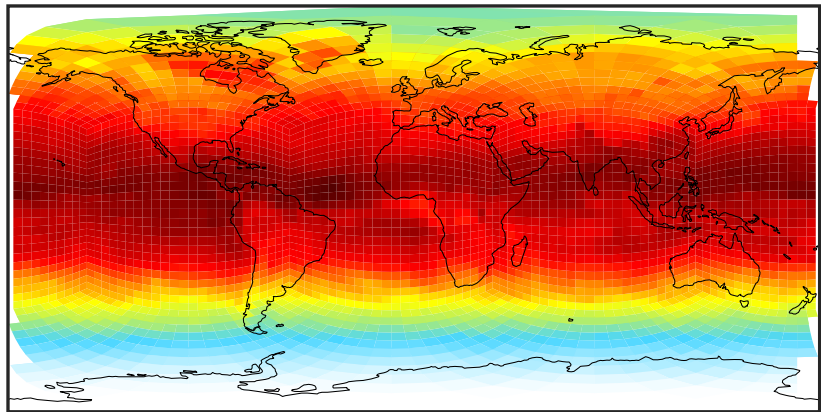


Ratio (1x1.25)
Dev/Ref, Fixed Range



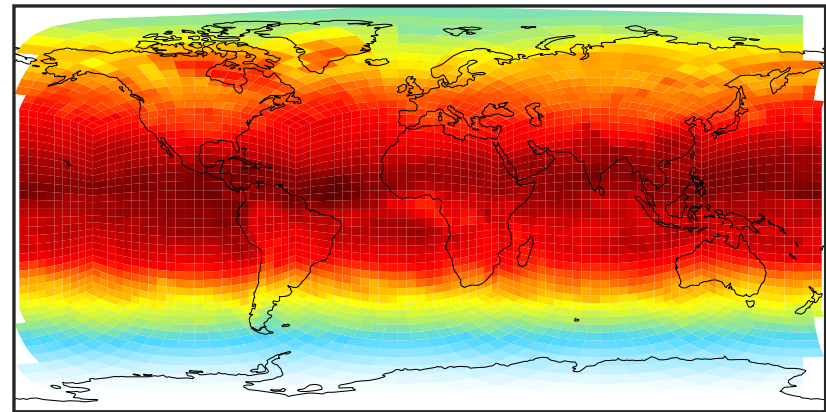
Jval_IHN1 (Apr2019)

GCHP_14.0.0 (Ref)
c24



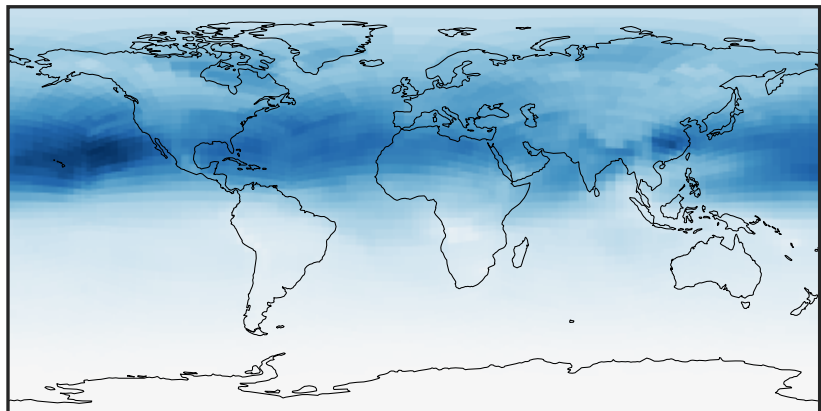
0.4 0.8 1.2
s-1 $1e-6$

GCHP_14.2.0 (Dev)
c24



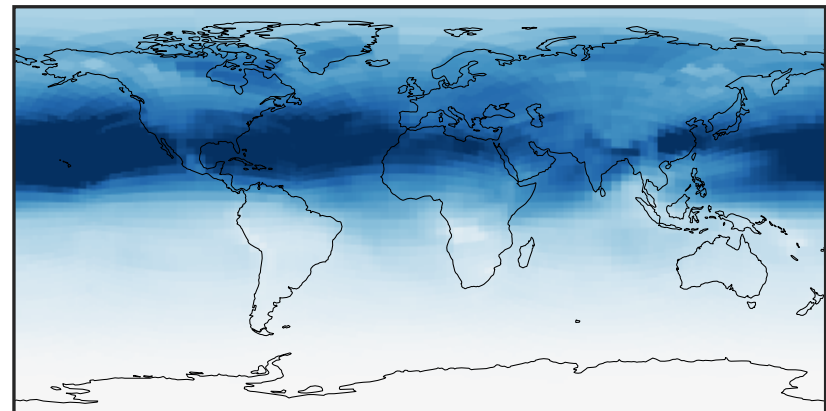
0.4 0.8 1.2
s-1 $1e-6$

Difference (1x1.25)
Dev - Ref, Dynamic Range



-1.5 0.0 1.5
s-1 $1e-8$

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



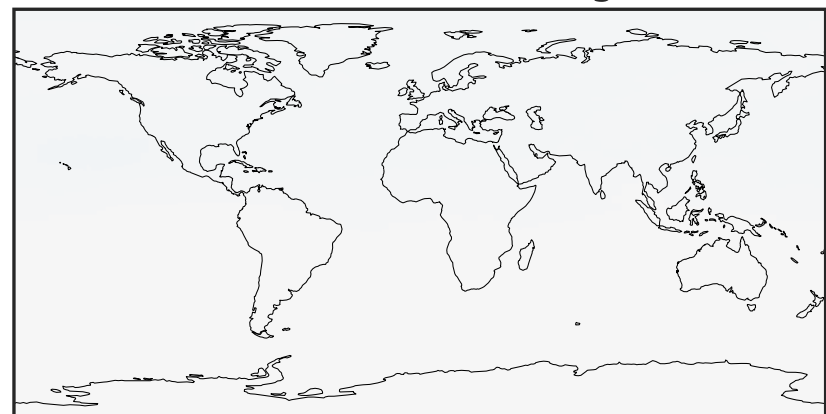
-1 0 1
s-1 $1e-8$

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.998710 0.999355 1.000000 1.000646 1.001292
unitless

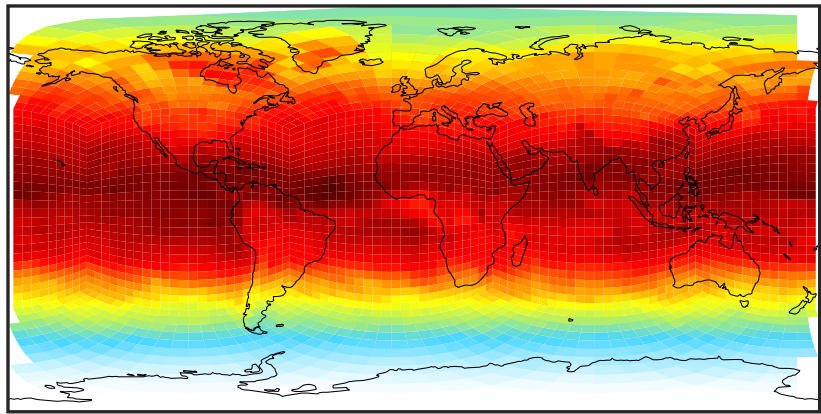
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

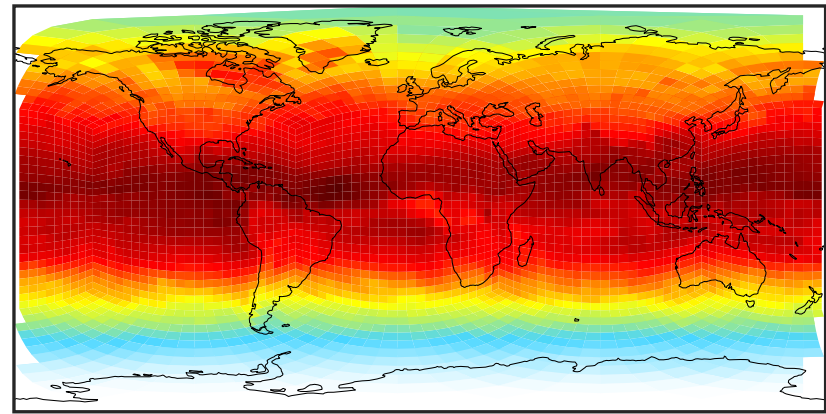
Jval_IHN2 (Apr2019)

GCHP_14.0.0 (Ref)
c24



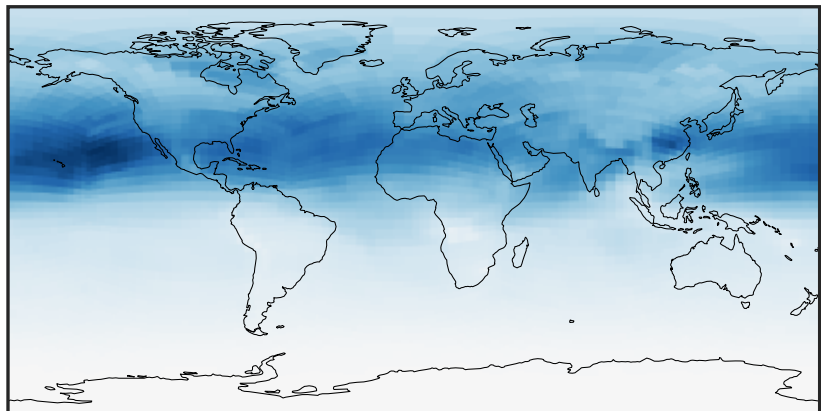
0.4 0.8 1.2
s-1 $1e-6$

GCHP_14.2.0 (Dev)
c24



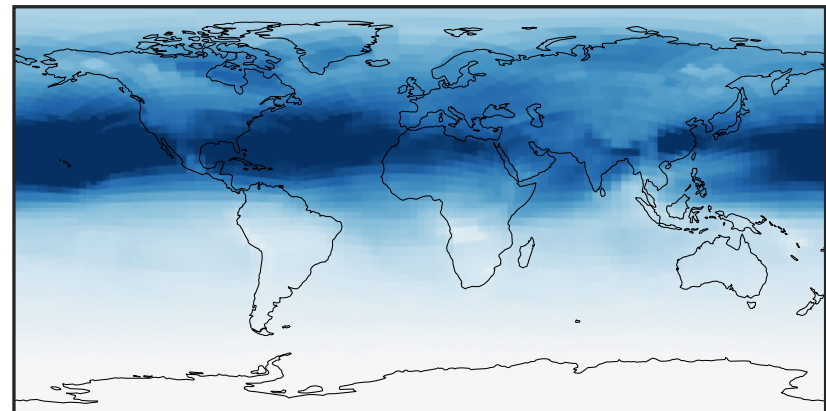
0.4 0.8 1.2
s-1 $1e-6$

Difference (1x1.25)
Dev - Ref, Dynamic Range



-1.5 0.0 1.5
s-1 $1e-8$

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



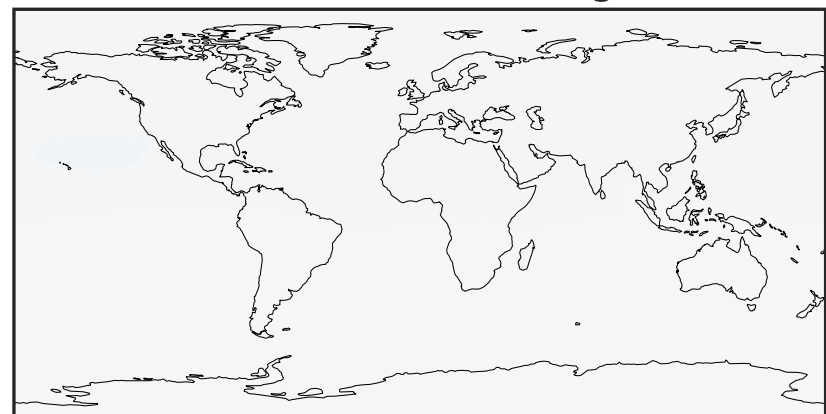
-1 0 1
s-1 $1e-8$

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.998710 0.999355 1.000000 1.000646 1.001292
unitless

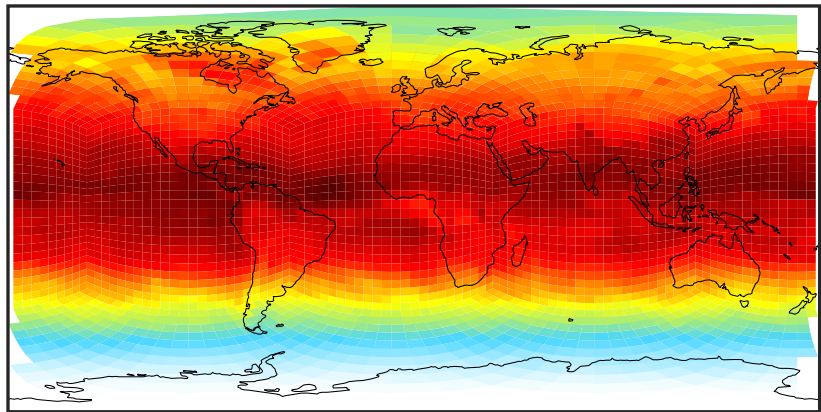
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

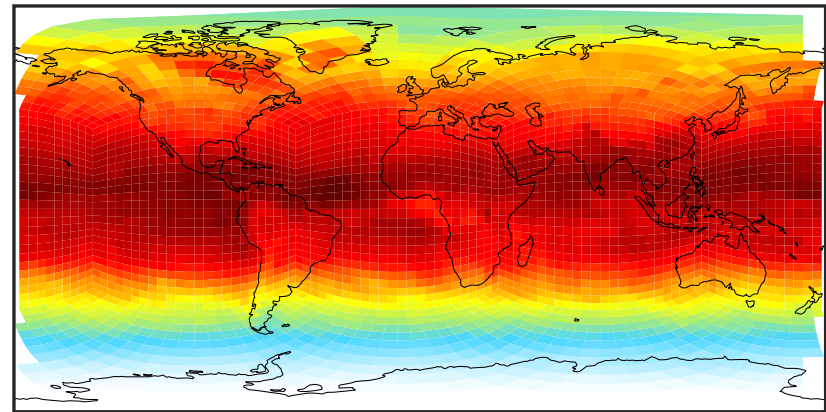
Jval_IHN3 (Apr2019)

GCHP_14.0.0 (Ref)
c24



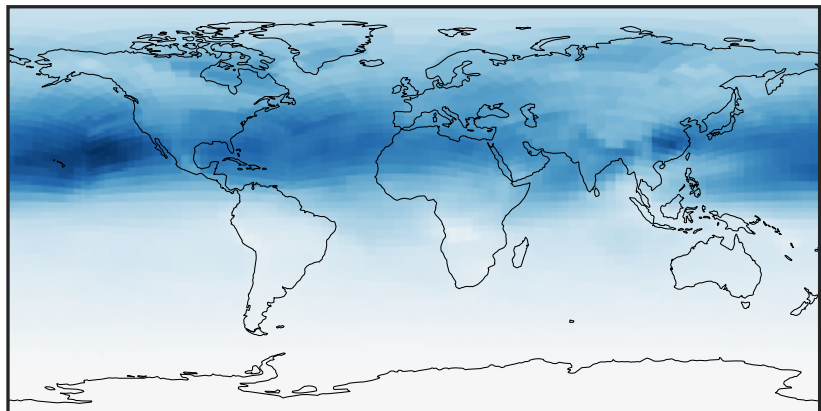
0.4 0.8 1.2
s-1 $1e-6$

GCHP_14.2.0 (Dev)
c24



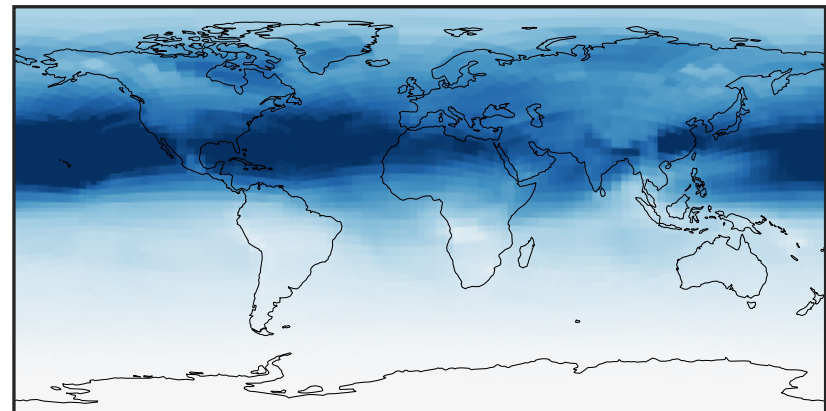
0.4 0.8 1.2
s-1 $1e-6$

Difference (1x1.25)
Dev - Ref, Dynamic Range



-1.5 0.0 1.5
s-1 $1e-8$

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



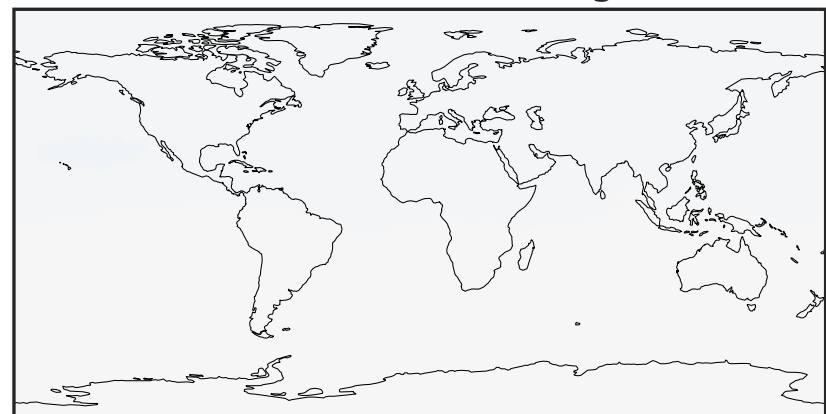
-1 0 1
s-1 $1e-8$

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.998710 0.999355 1.000000 1.000646 1.001292
unitless

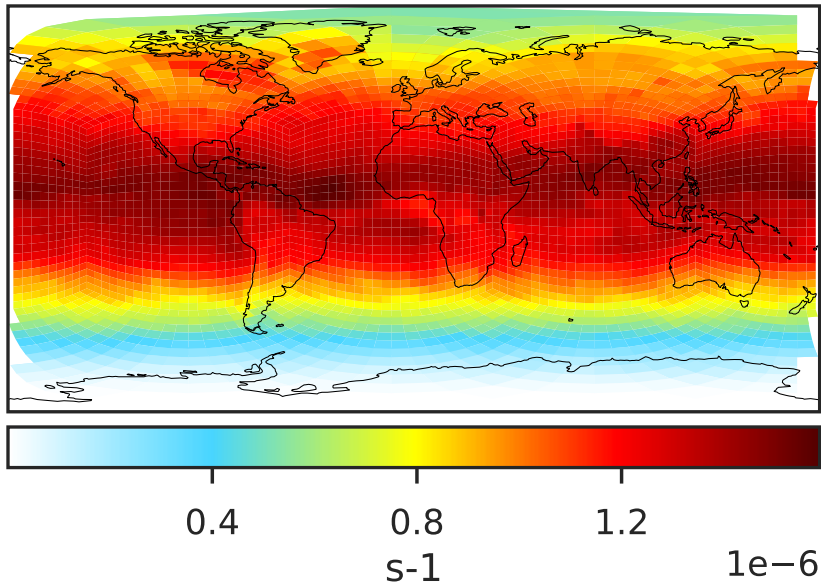
Ratio (1x1.25)
Dev/Ref, Fixed Range



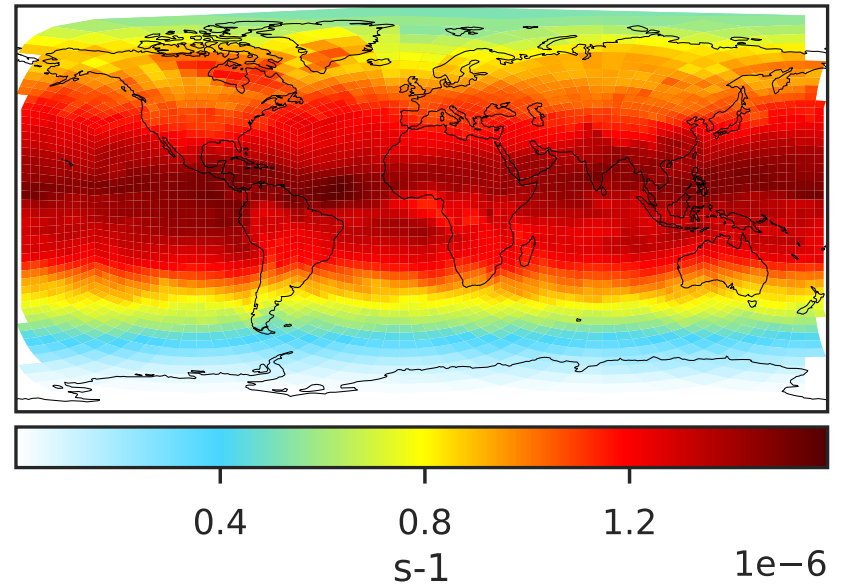
0.50 0.75 1.00 1.50 2.00
unitless

Jval_IHN4 (Apr2019)

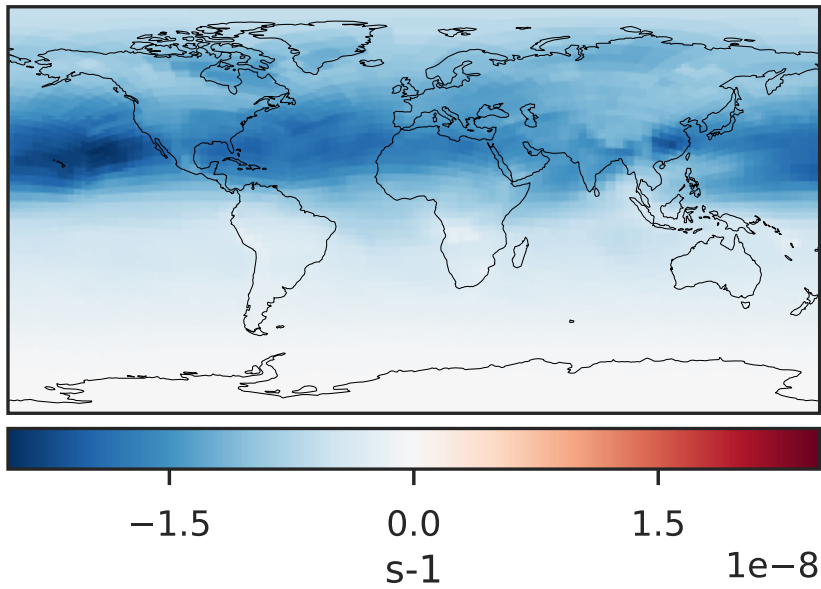
GCHP_14.0.0 (Ref)
c24



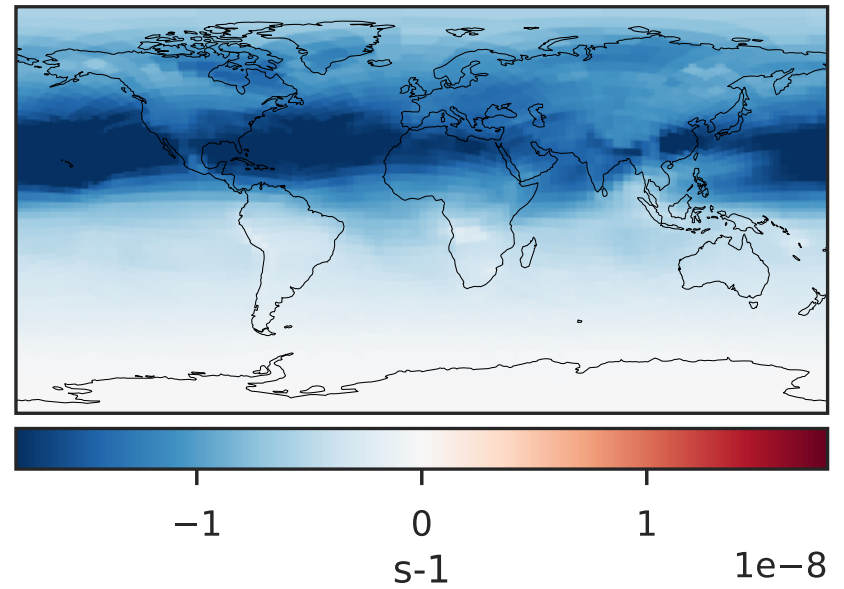
GCHP_14.2.0 (Dev)
c24



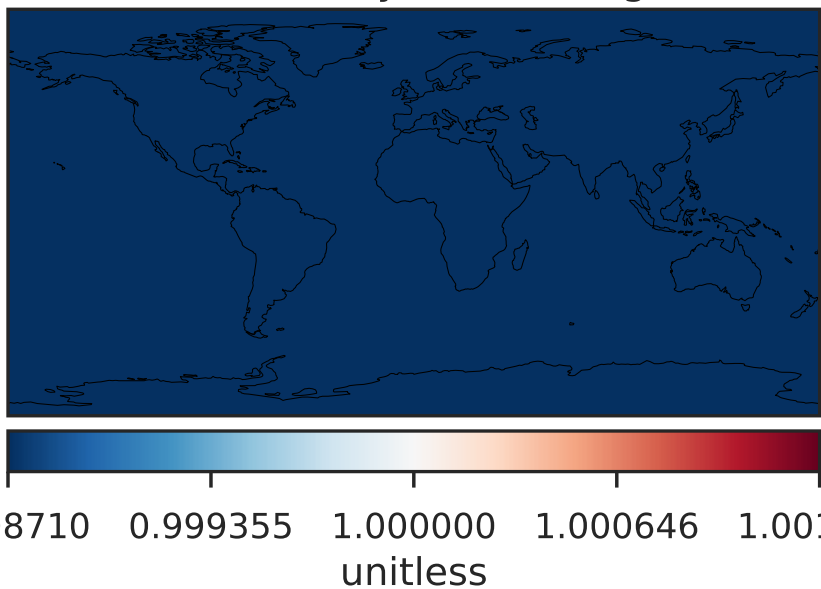
Difference (1x1.25)
Dev - Ref, Dynamic Range



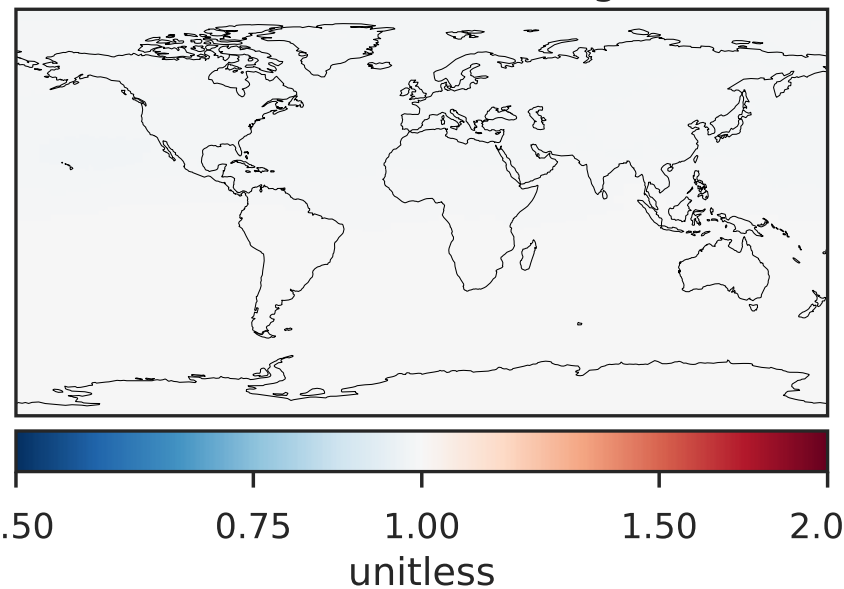
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

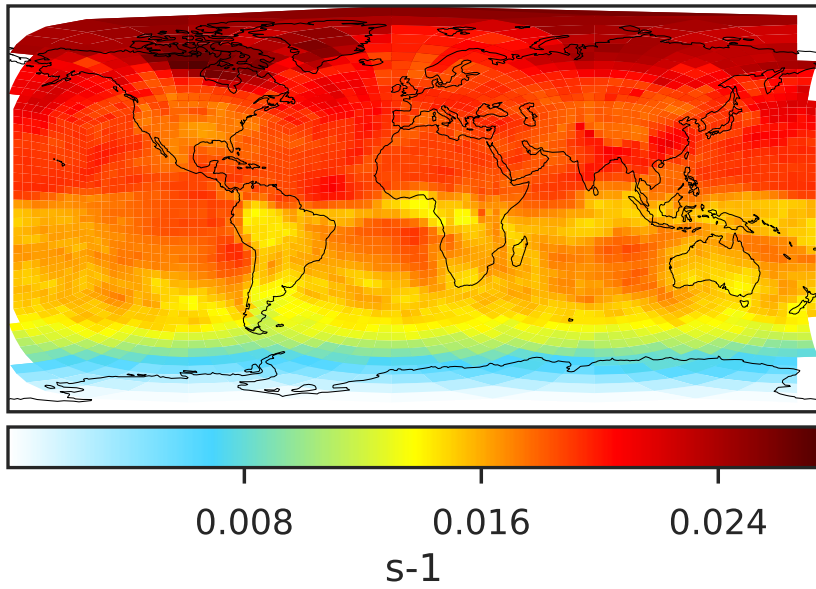


Ratio (1x1.25)
Dev/Ref, Fixed Range

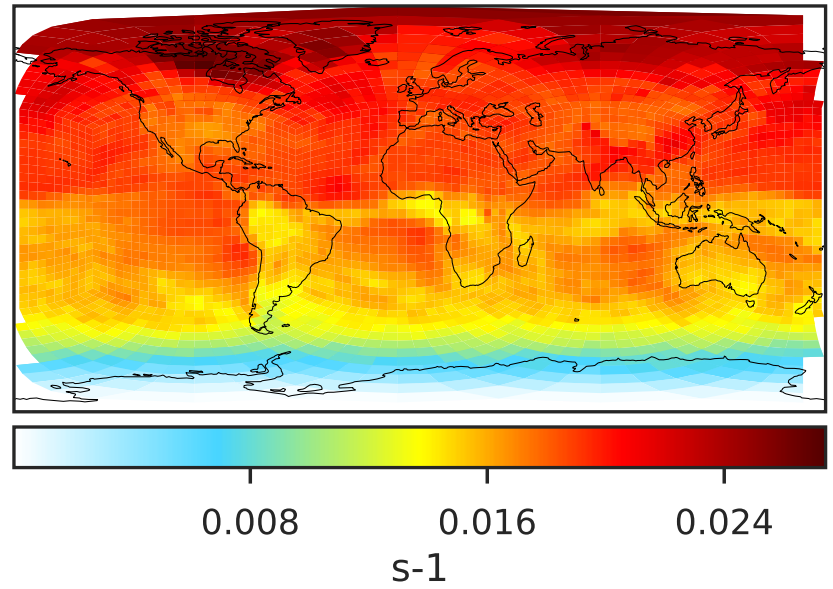


Jval_INO (Apr2019)

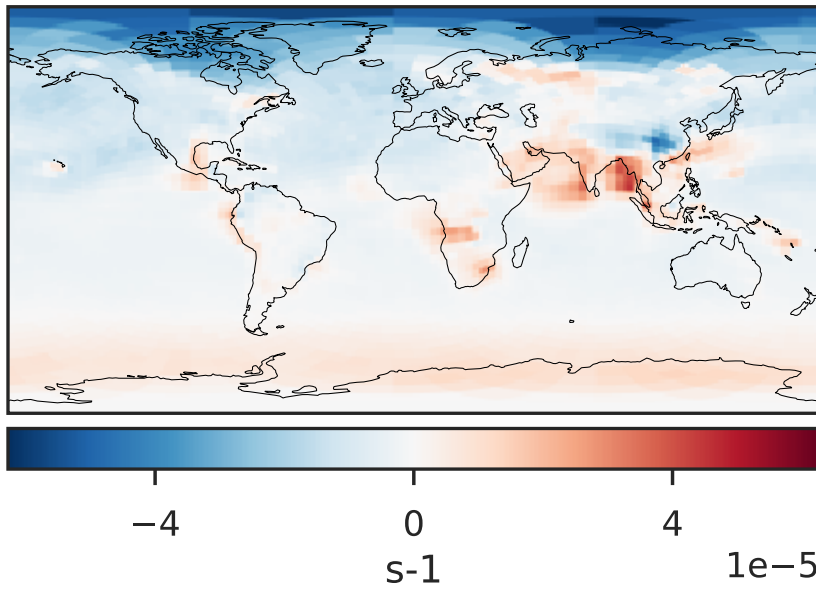
GCHP_14.0.0 (Ref)
c24



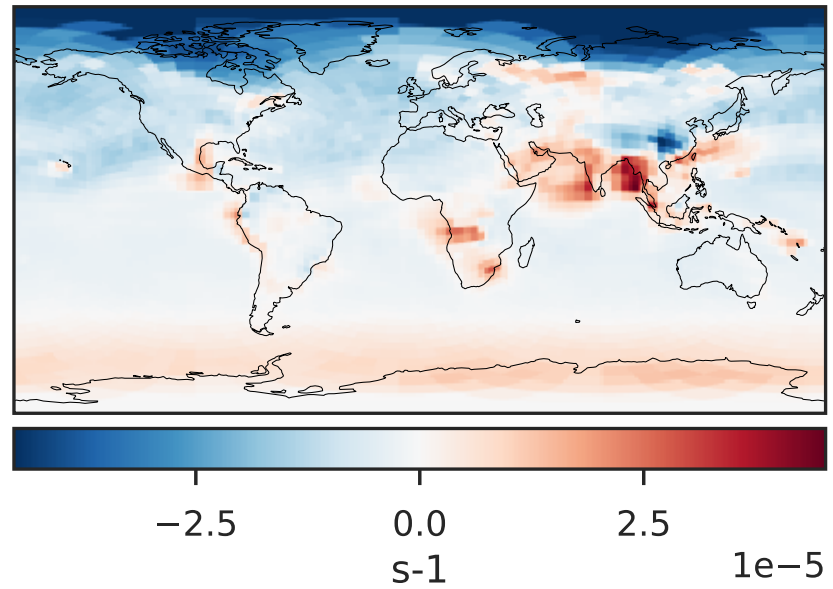
GCHP_14.2.0 (Dev)
c24



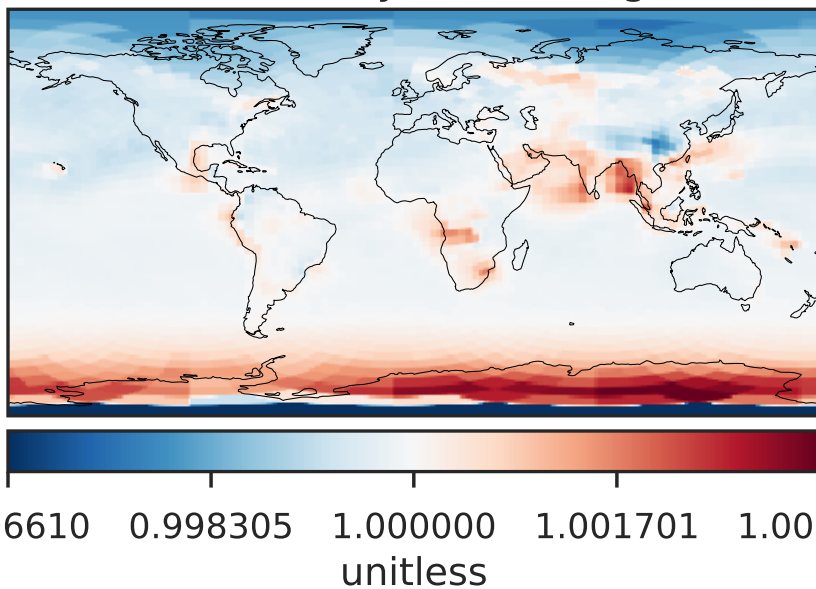
Difference (1x1.25)
Dev - Ref, Dynamic Range



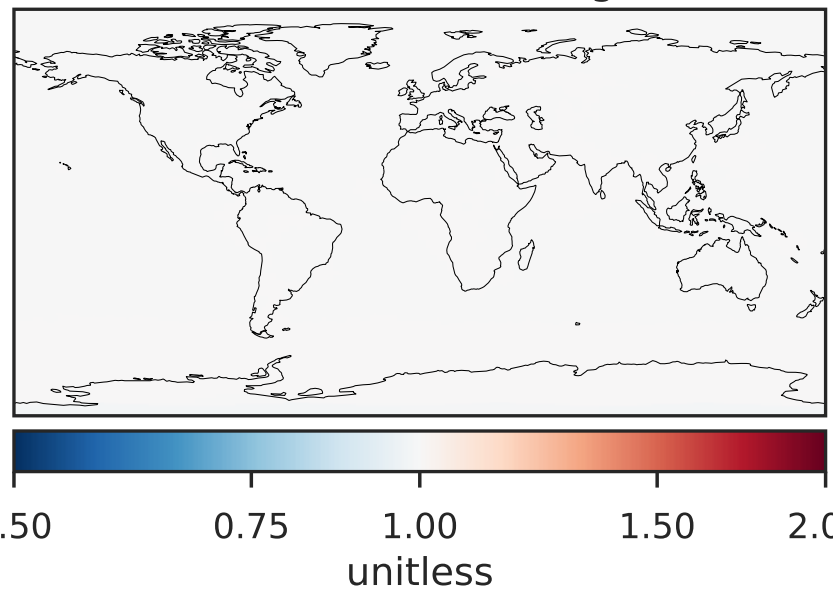
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range



Ratio (1x1.25)
Dev/Ref, Fixed Range

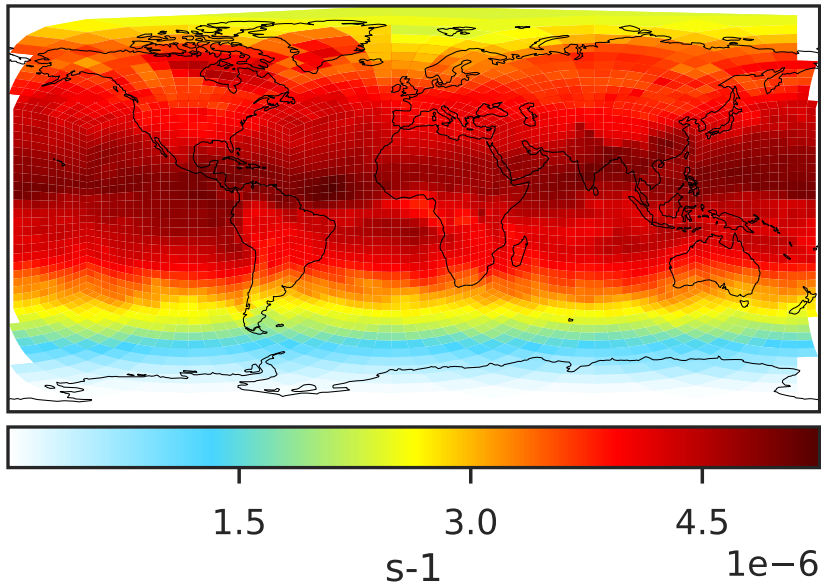


0.996610 0.998305 1.000000 1.001701 1.003401
unitless

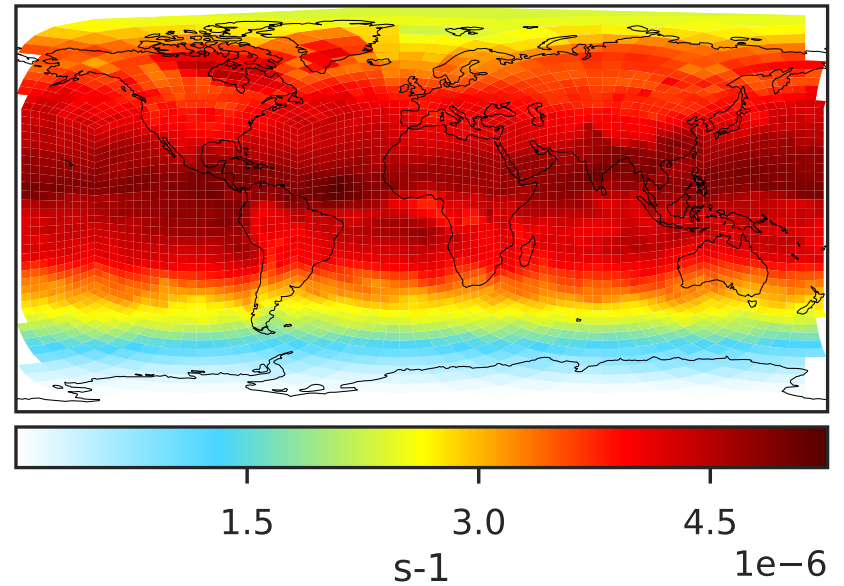
0.50 0.75 1.00 1.50 2.00
unitless

Jval_INPB (Apr2019)

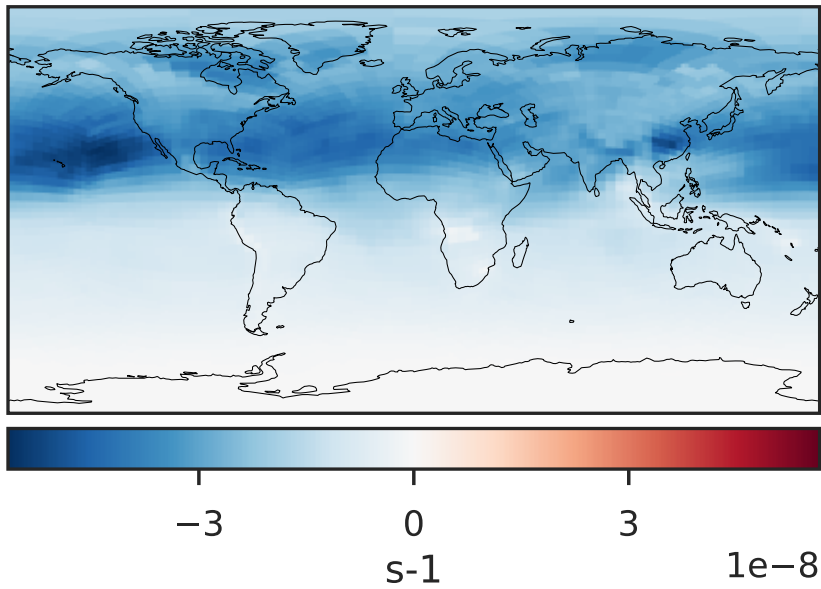
GCHP_14.0.0 (Ref)
c24



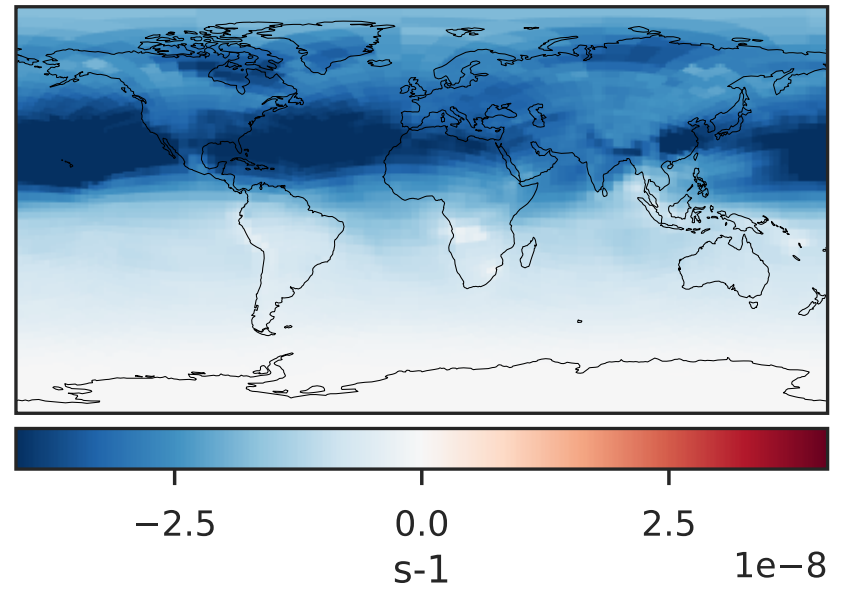
GCHP_14.2.0 (Dev)
c24



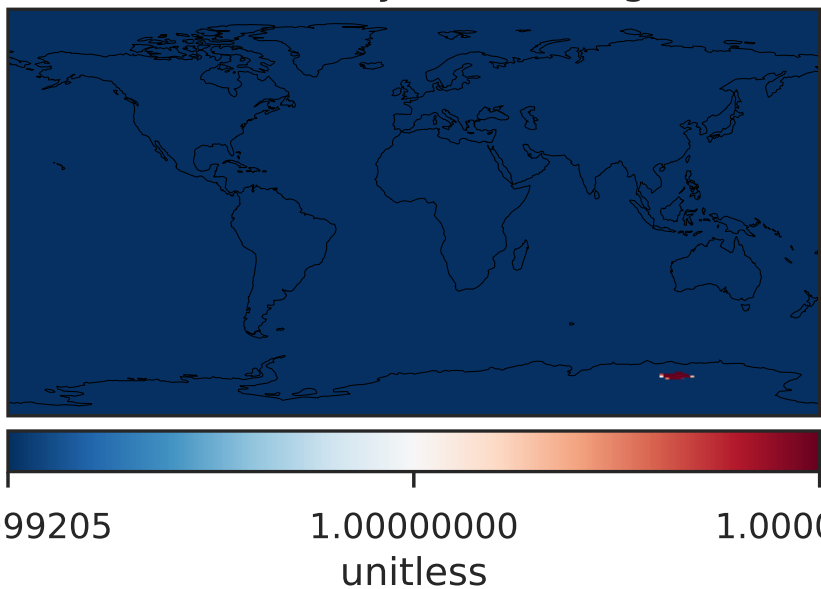
Difference (1x1.25)
Dev - Ref, Dynamic Range



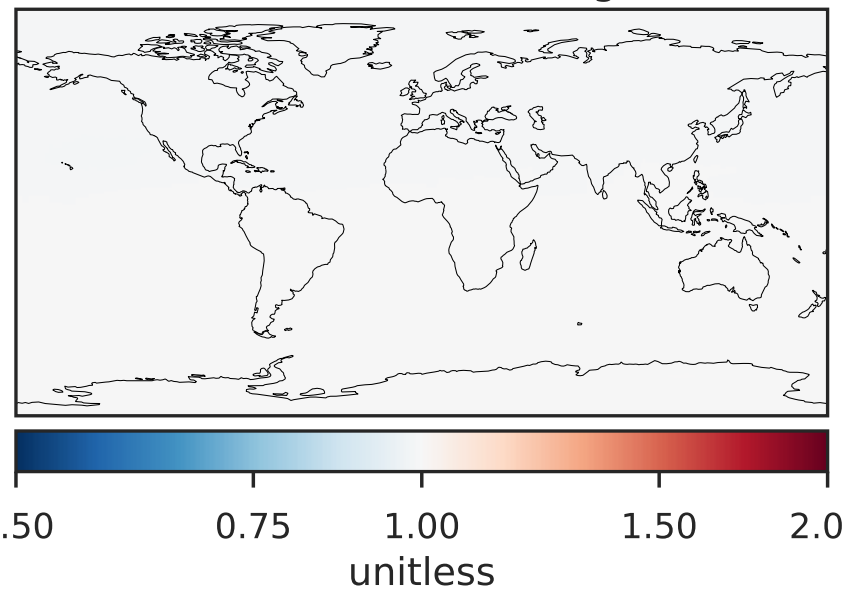
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

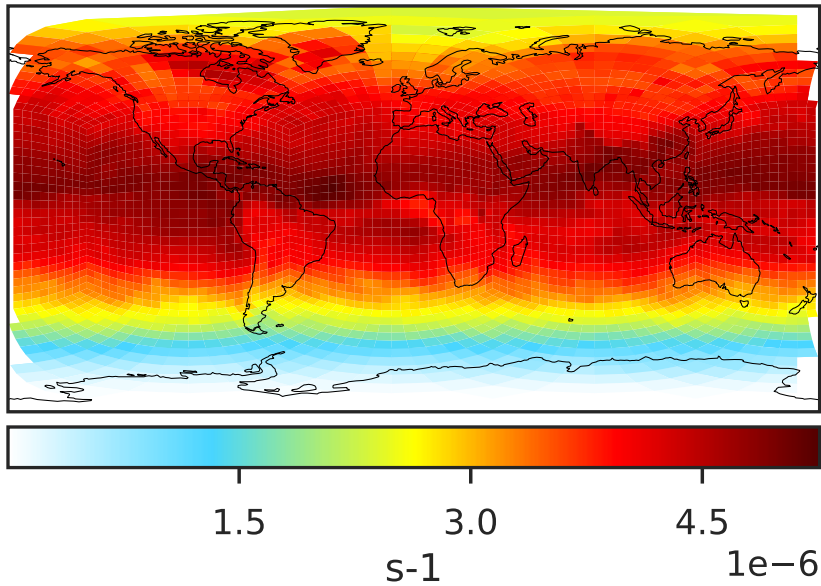


Ratio (1x1.25)
Dev/Ref, Fixed Range

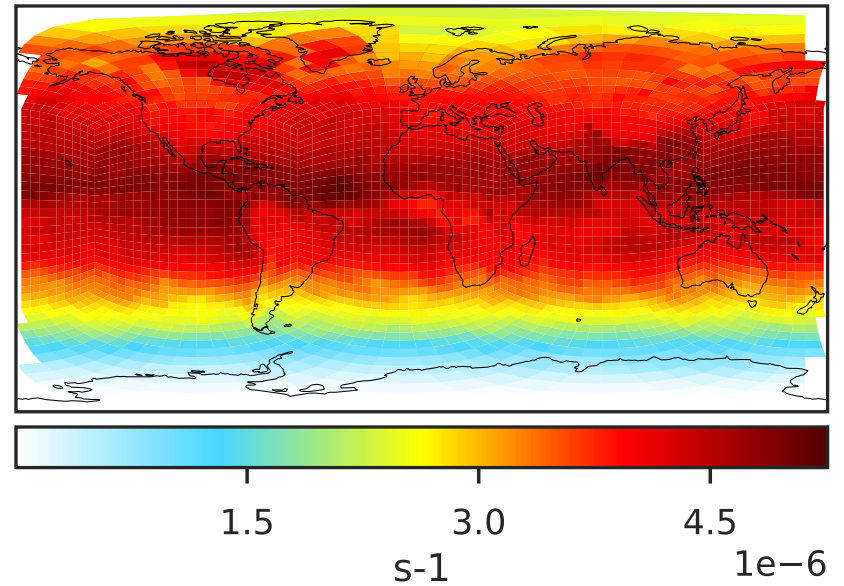


Jval_INPD (Apr2019)

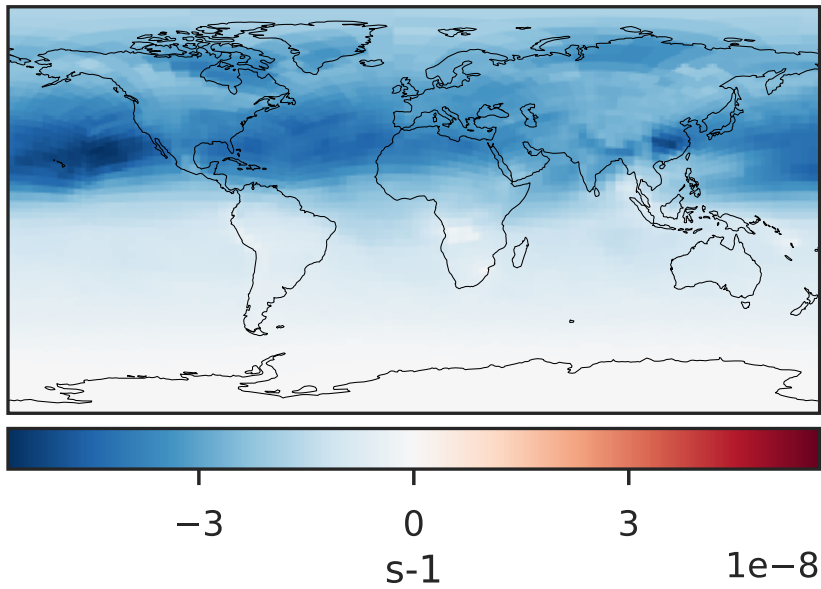
GCHP_14.0.0 (Ref)
c24



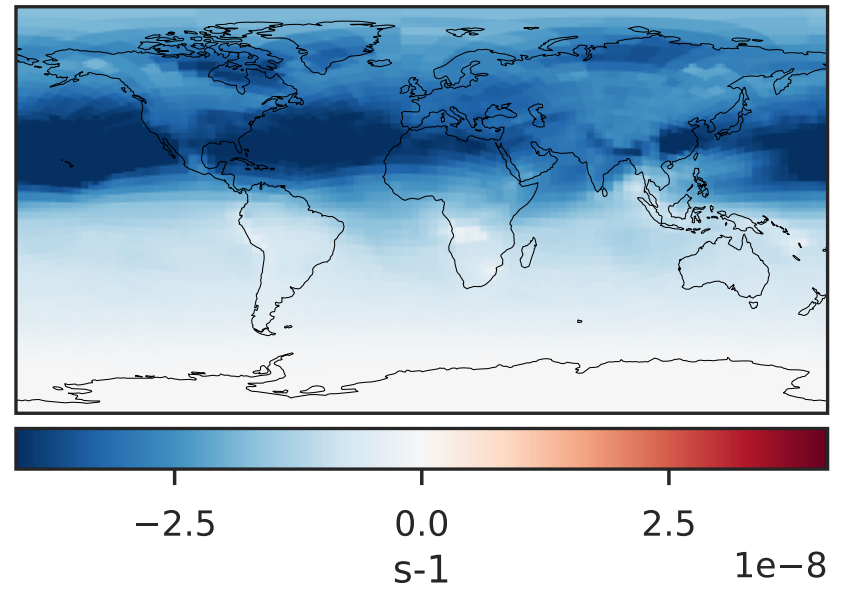
GCHP_14.2.0 (Dev)
c24



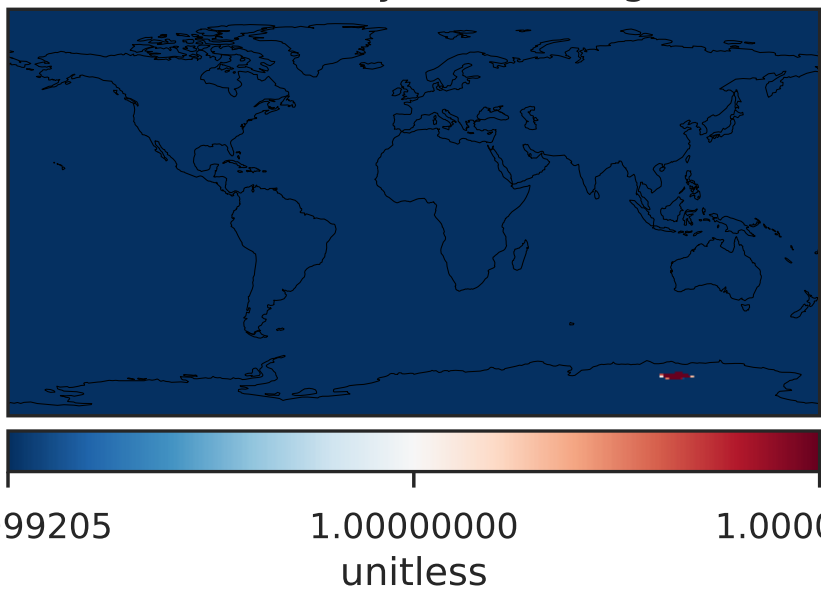
Difference (1x1.25)
Dev - Ref, Dynamic Range



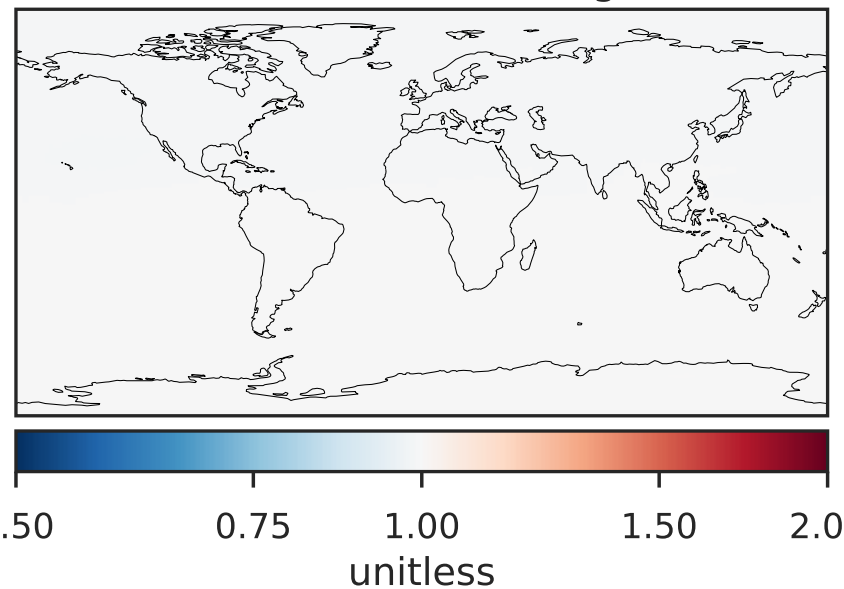
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

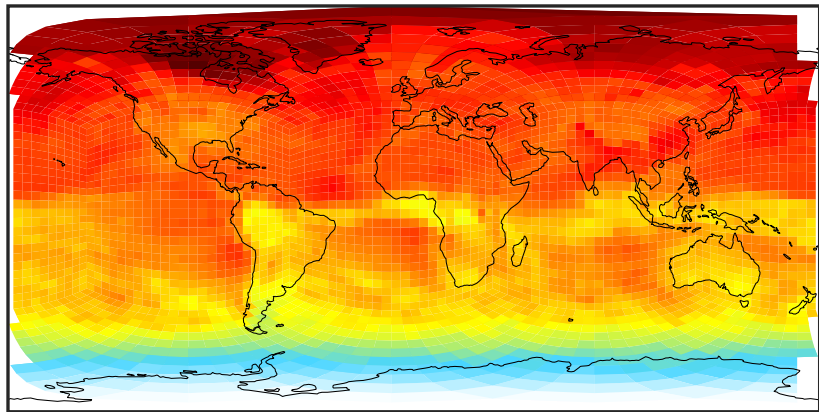


Ratio (1x1.25)
Dev/Ref, Fixed Range



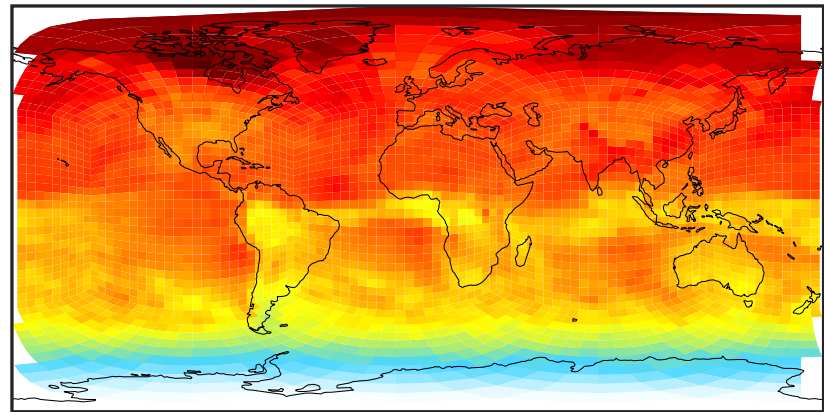
Jval_IO (Apr2019)

GCHP_14.0.0 (Ref)
c24



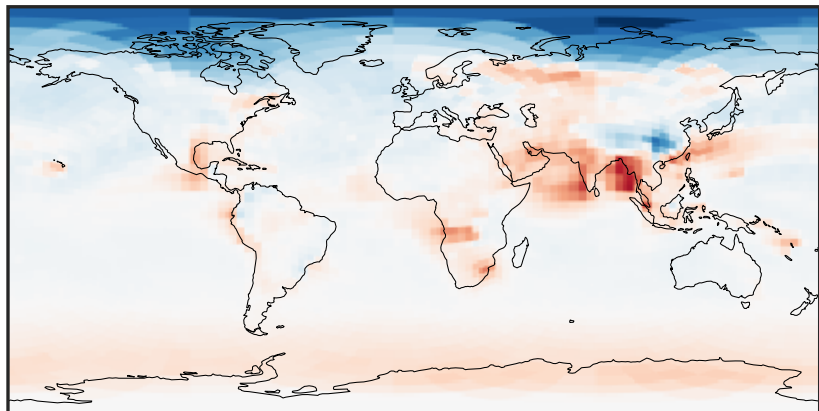
0.0001 0.0424 0.0847 0.1271 0.1696
s-1

GCHP_14.2.0 (Dev)
c24



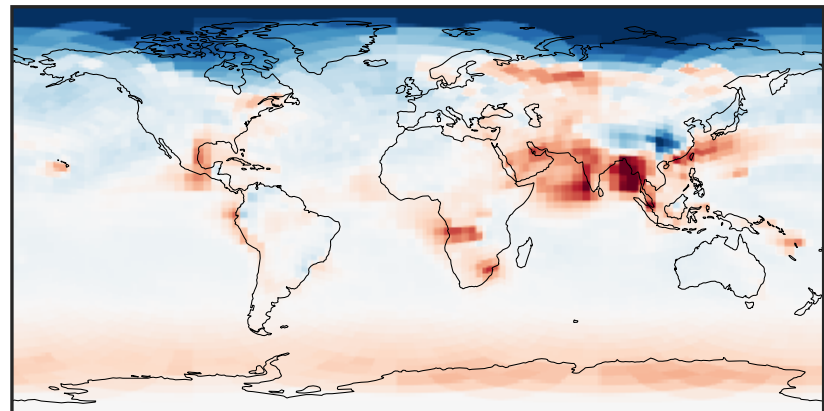
0.0001 0.0424 0.0847 0.1271 0.1696
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



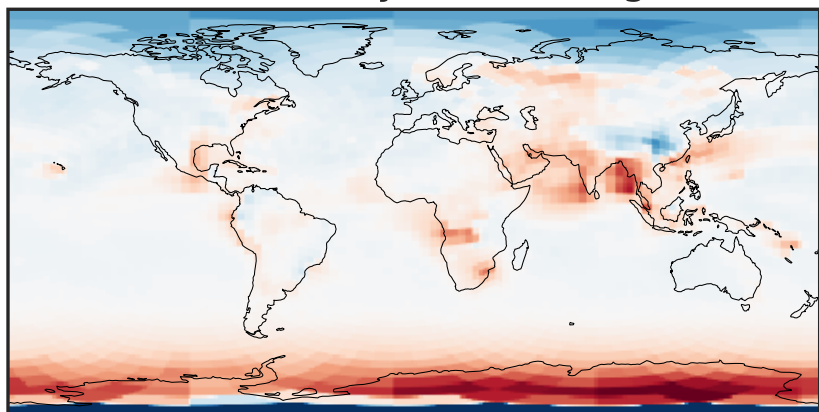
-0.0002 0.0000 0.0002
s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



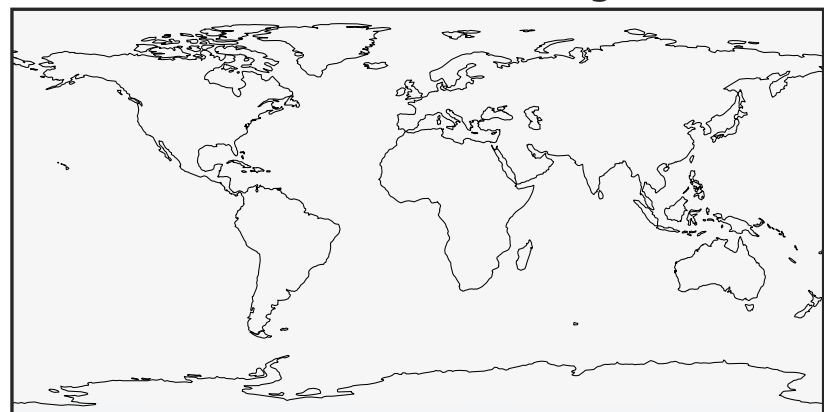
-0.00015 0.00000 0.00015
s-1

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.996550 0.998275 1.000000 1.001731 1.003462
unitless

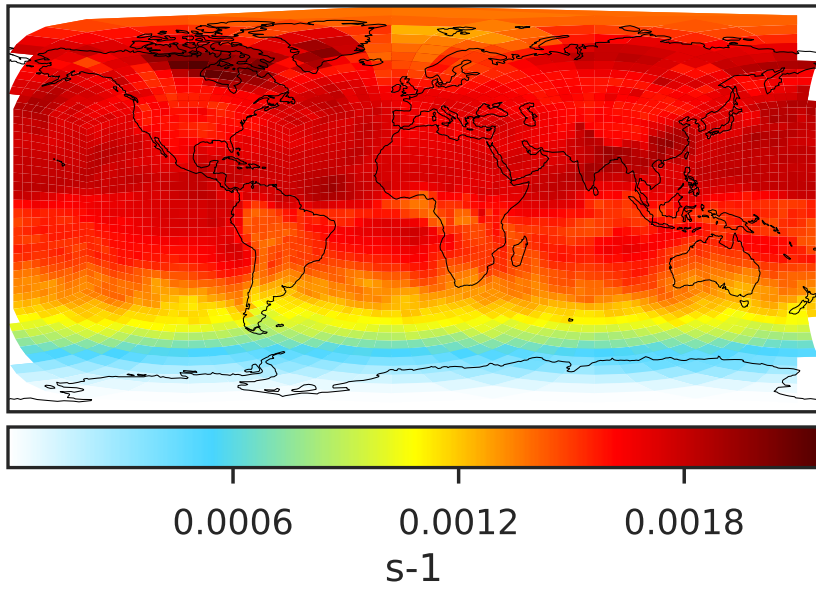
Ratio (1x1.25)
Dev/Ref, Fixed Range



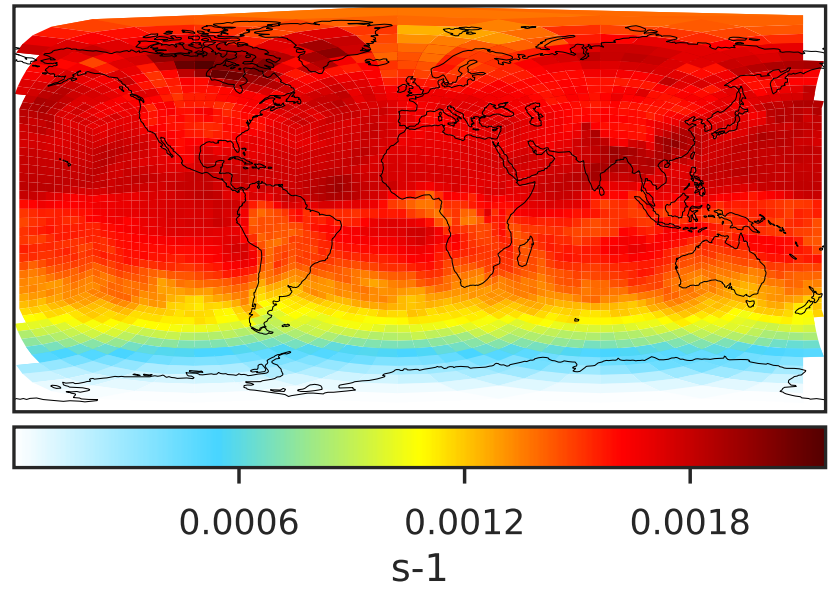
0.50 0.75 1.00 1.50 2.00
unitless

Jval_IONO (Apr2019)

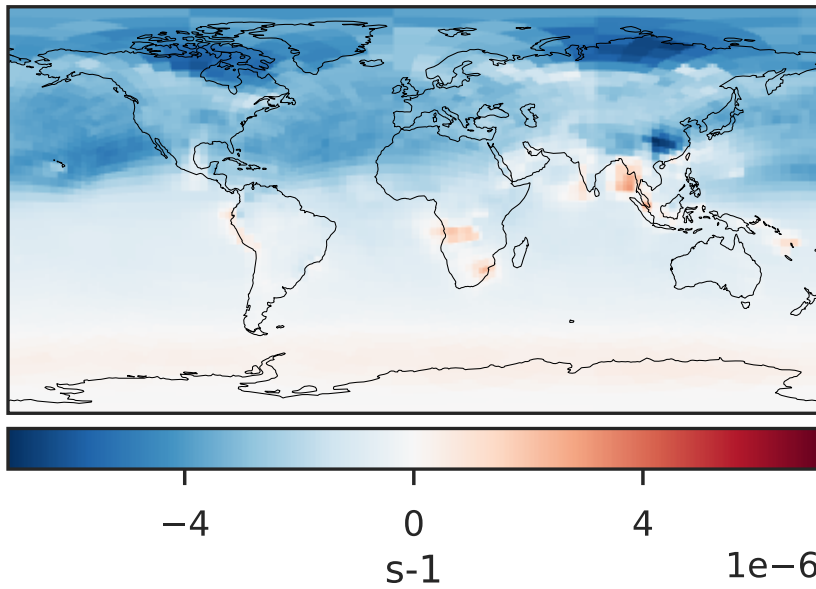
GCHP_14.0.0 (Ref)
c24



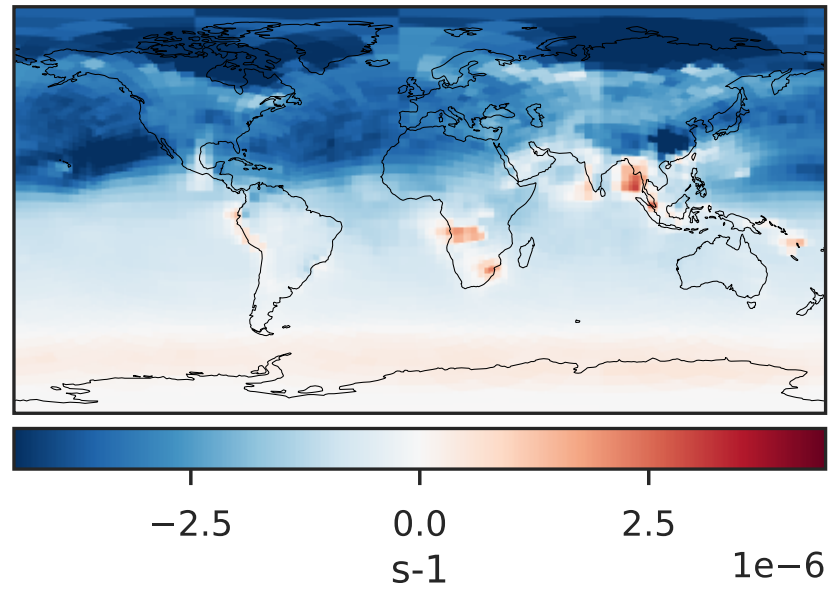
GCHP_14.2.0 (Dev)
c24



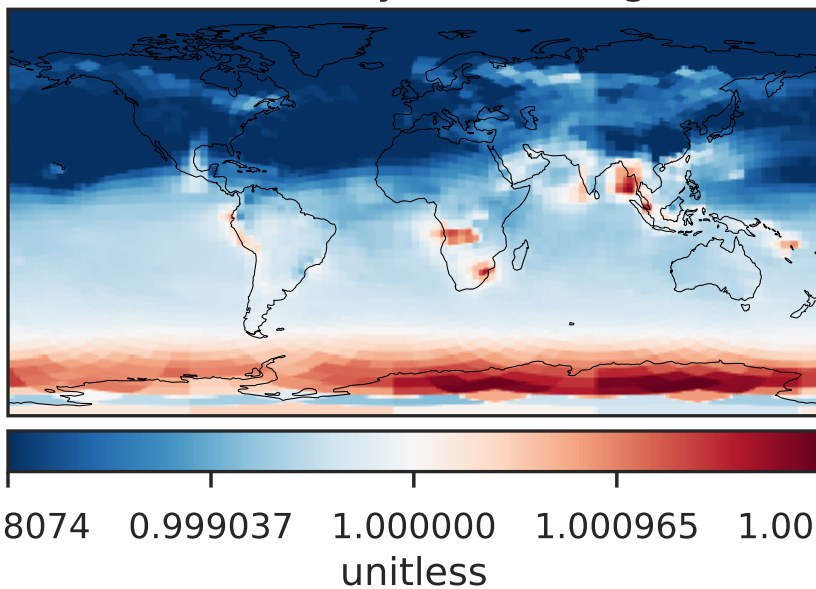
Difference (1x1.25)
Dev - Ref, Dynamic Range



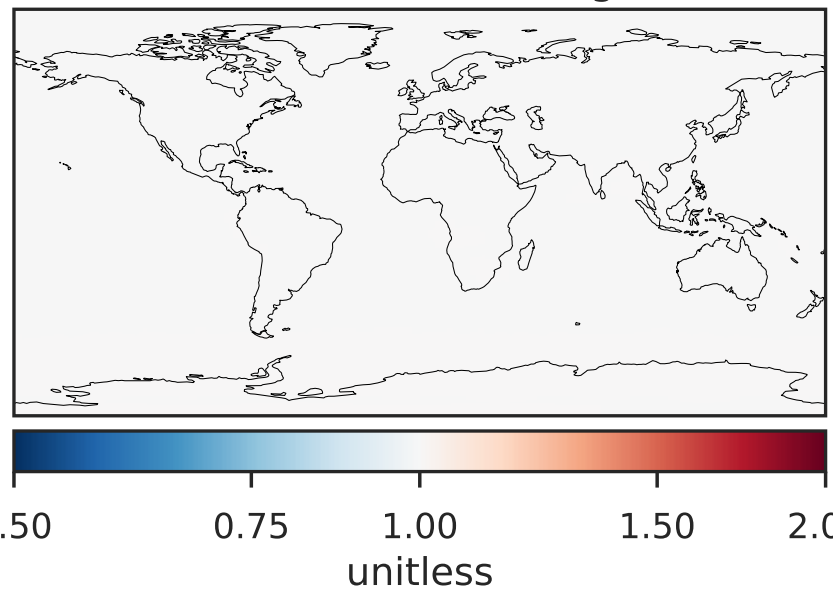
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

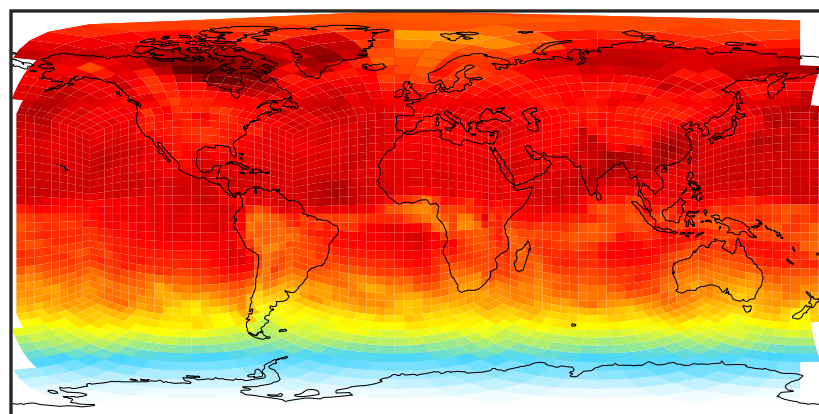


Ratio (1x1.25)
Dev/Ref, Fixed Range



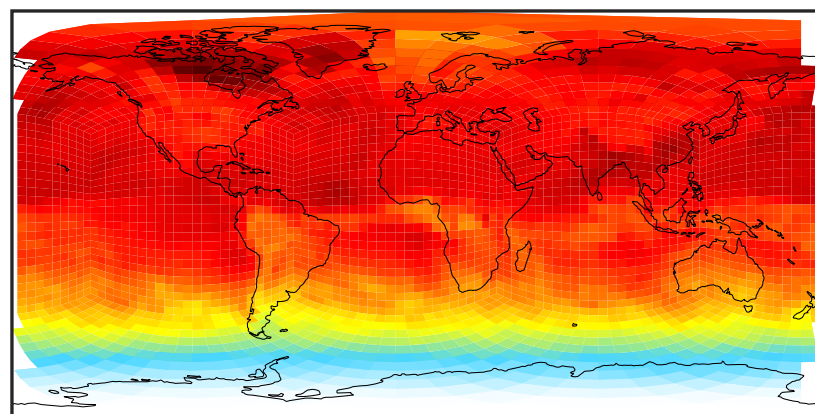
Jval_IONO2 (Apr2019)

GCHP_14.0.0 (Ref)
c24



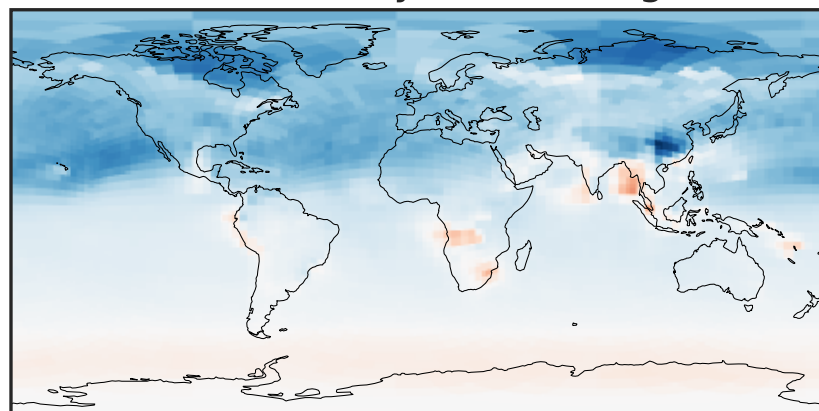
0.002 0.004 0.006
s-1

GCHP_14.2.0 (Dev)
c24



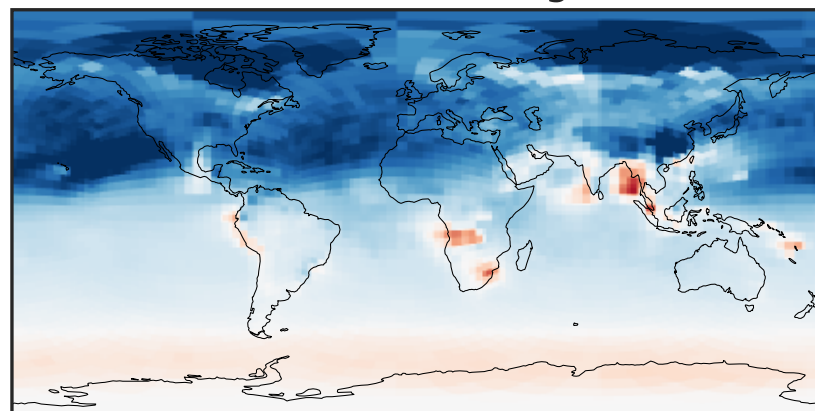
0.002 0.004 0.006
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



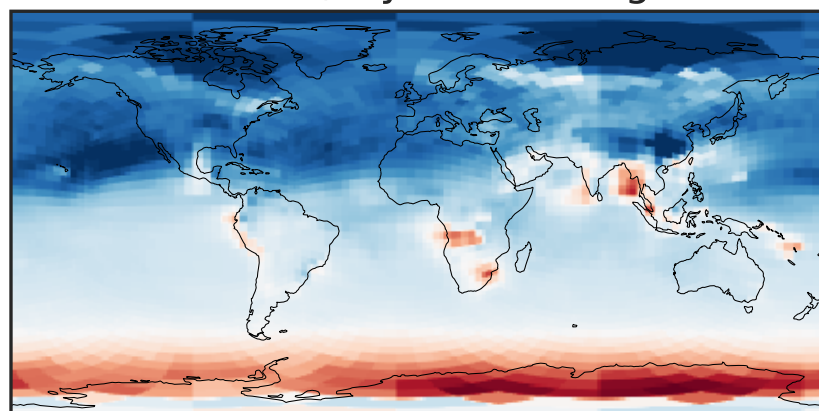
-1.5 0.0 1.5
s-1 1e-5

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



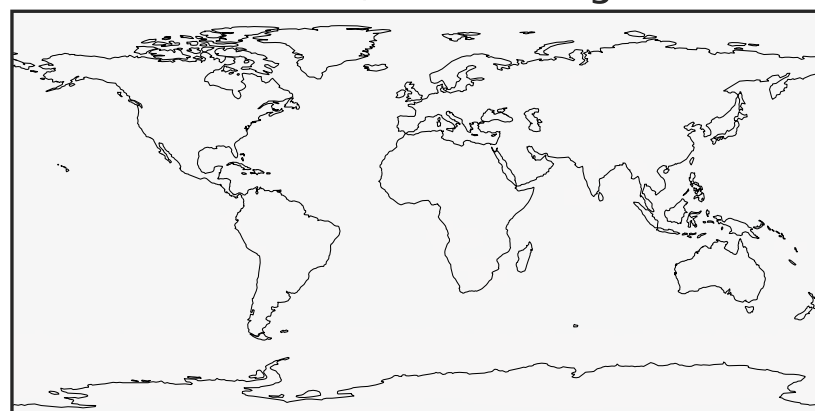
-8 0 8
s-1 1e-6

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.997639 0.998820 1.000000 1.001183 1.002366
unitless

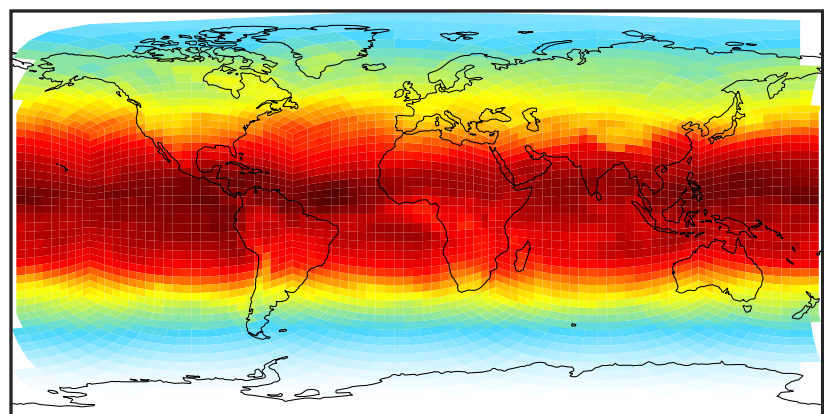
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

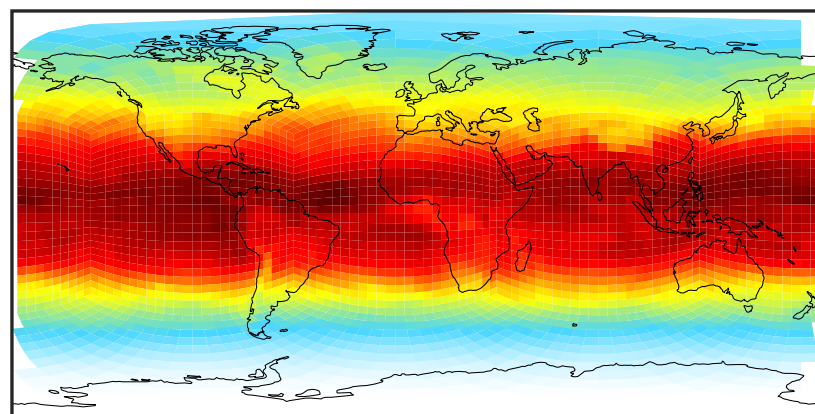
Jval_IPRNO3 (Apr2019)

GCHP_14.0.0 (Ref)
c24



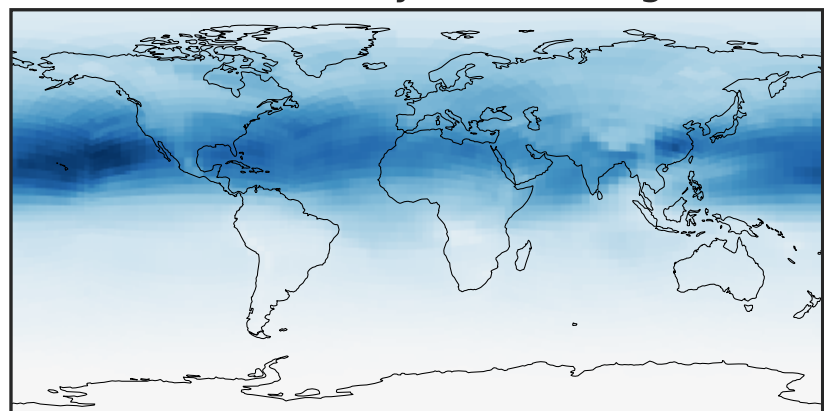
0.4 0.8 1.2
s-1 $1e-6$

GCHP_14.2.0 (Dev)
c24



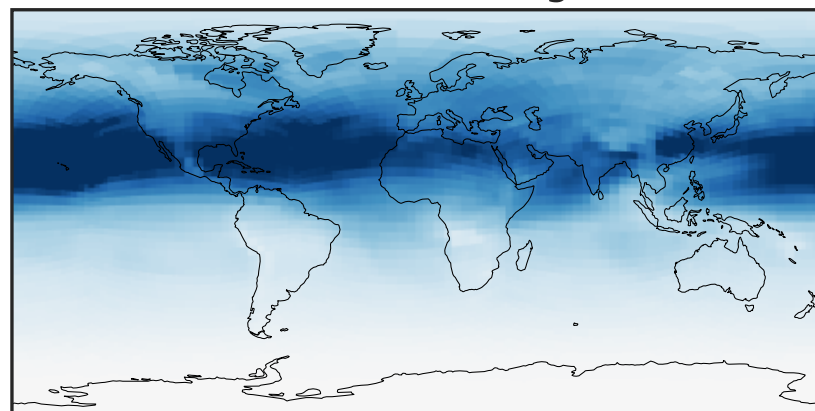
0.4 0.8 1.2
s-1 $1e-6$

Difference (1x1.25)
Dev - Ref, Dynamic Range



-1.5 0.0 1.5
s-1 $1e-8$

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



-1.5 0.0 1.5
s-1 $1e-8$

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.997542 0.998771 1.000000 1.001232 1.002464
unitless

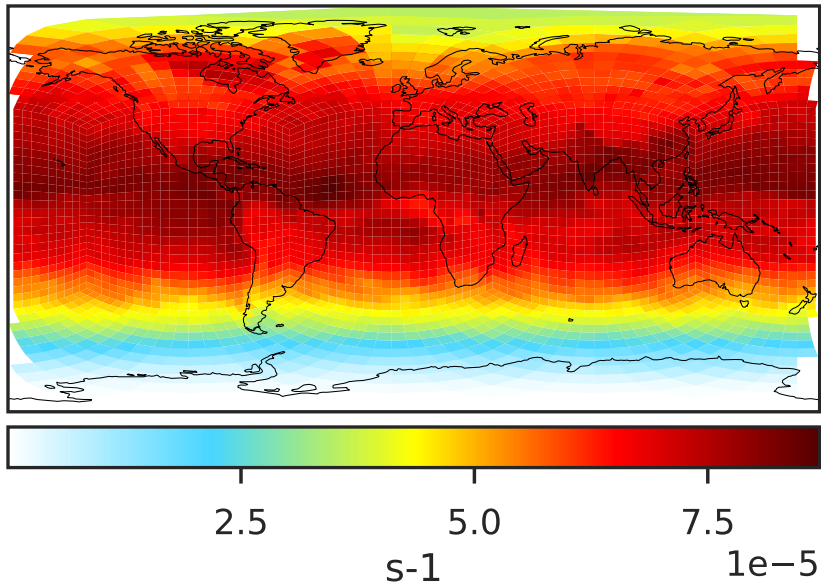
Ratio (1x1.25)
Dev/Ref, Fixed Range



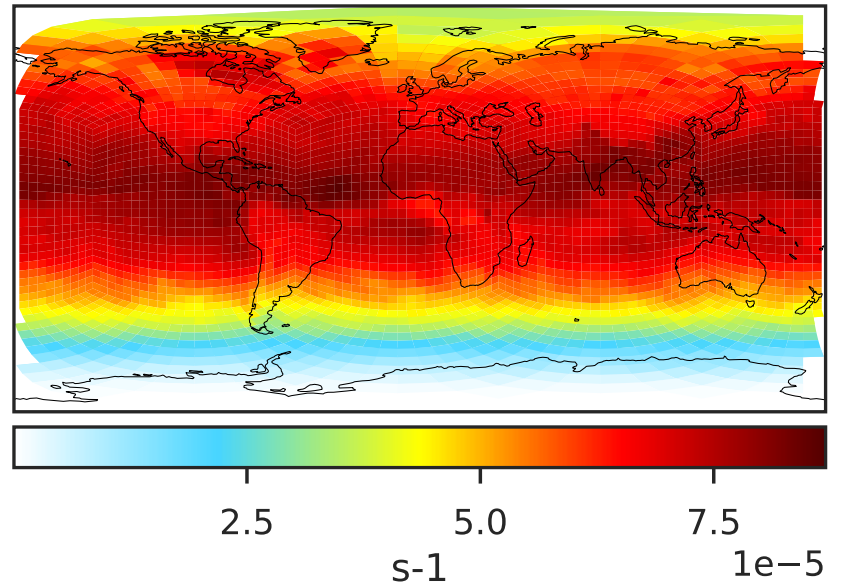
0.50 0.75 1.00 1.50 2.00
unitless

Jval_ITCN (Apr2019)

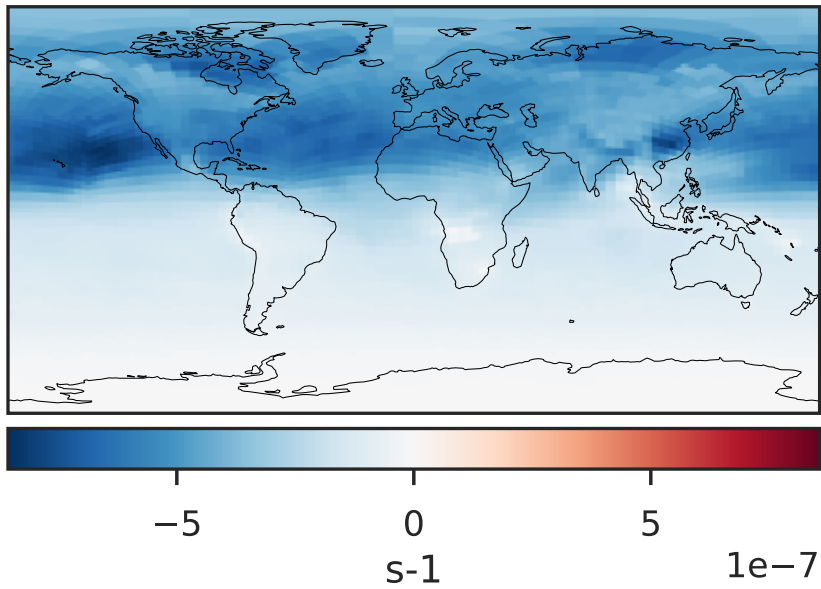
GCHP_14.0.0 (Ref)
c24



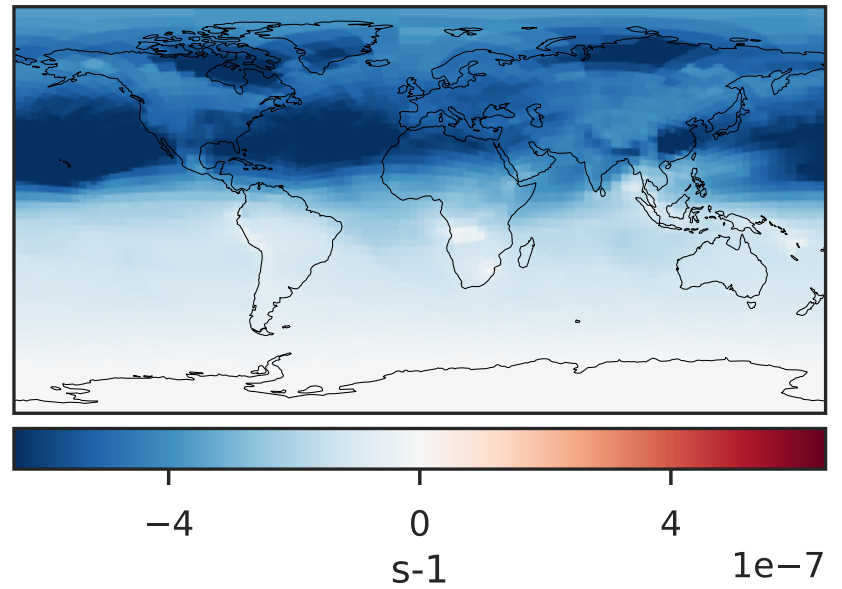
GCHP_14.2.0 (Dev)
c24



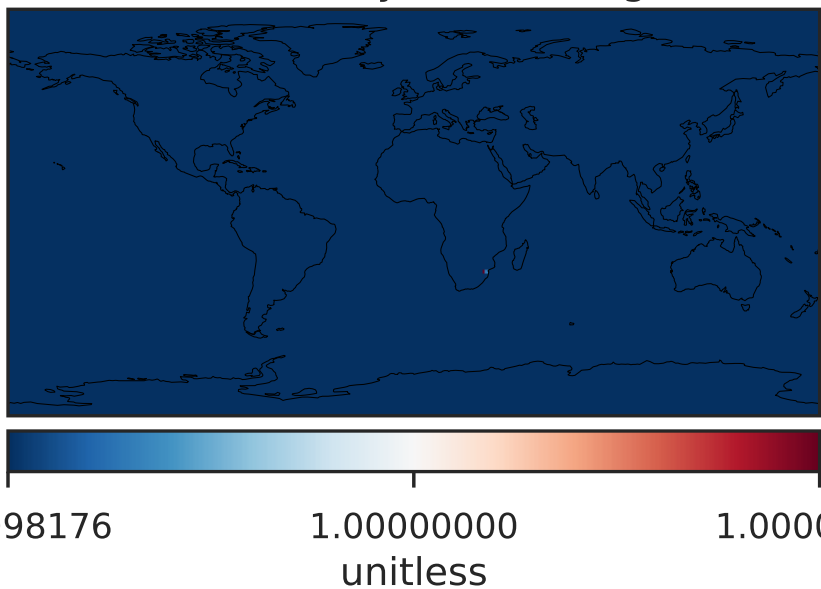
Difference (1x1.25)
Dev - Ref, Dynamic Range



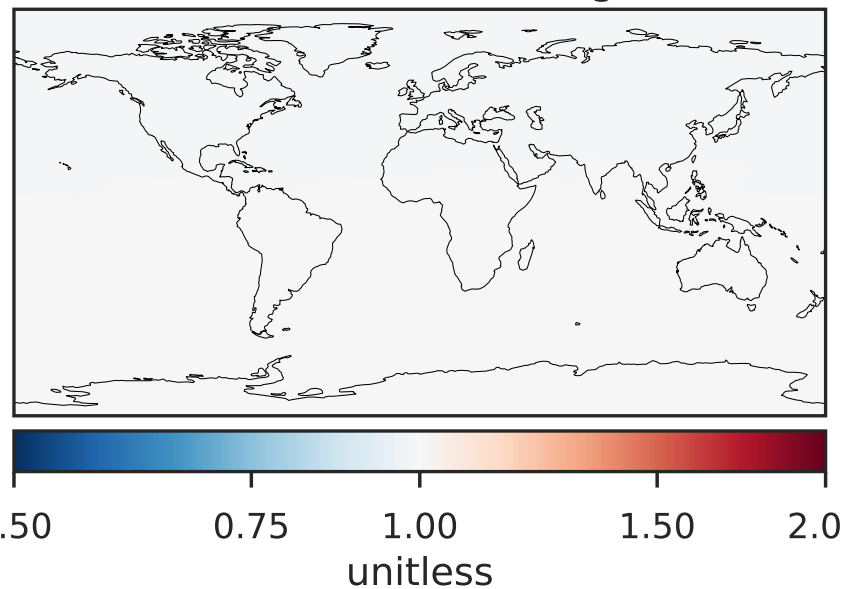
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

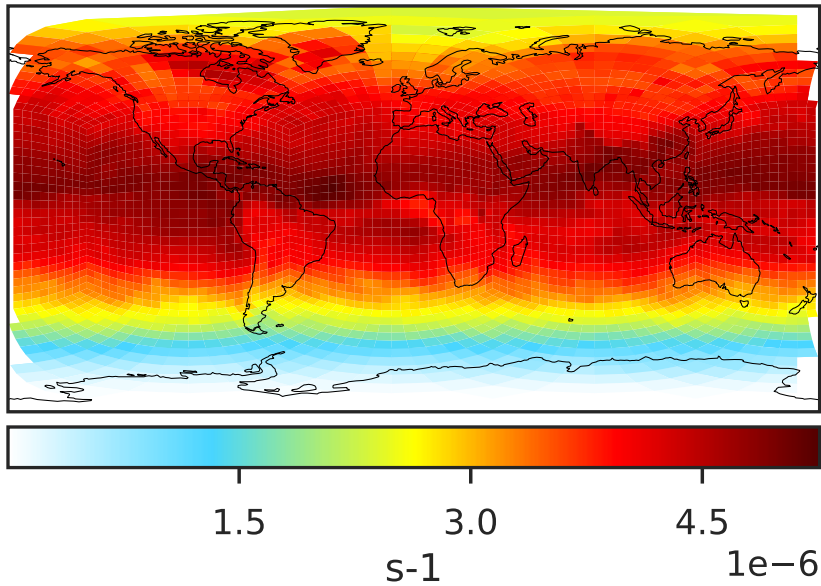


Ratio (1x1.25)
Dev/Ref, Fixed Range

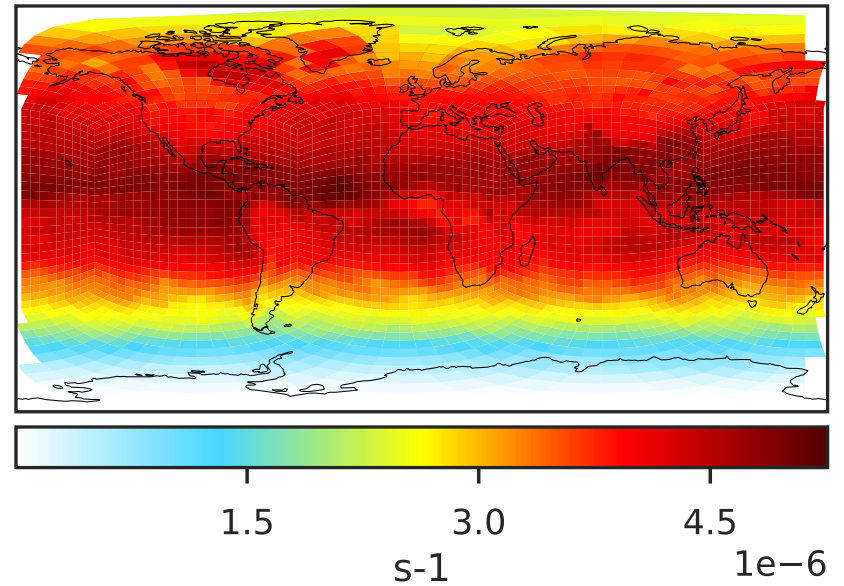


Jval_ITHN (Apr2019)

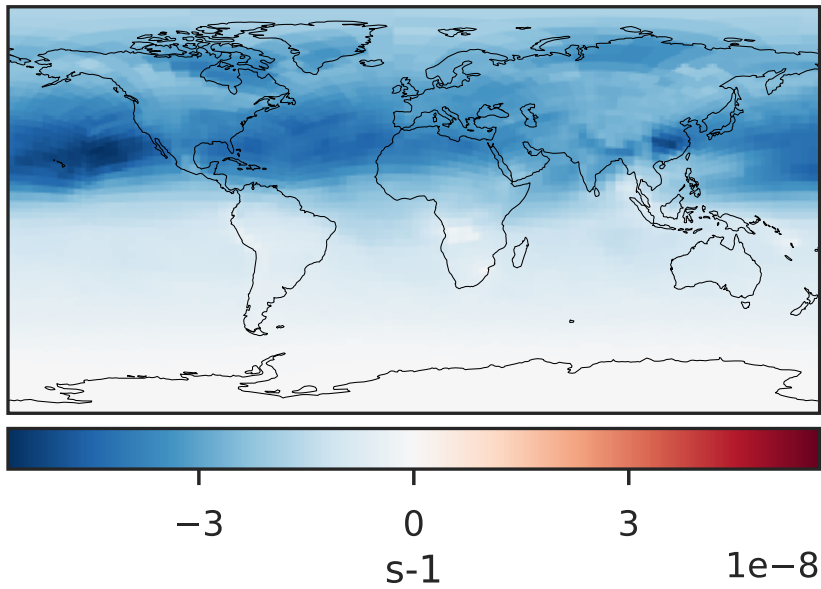
GCHP_14.0.0 (Ref)
c24



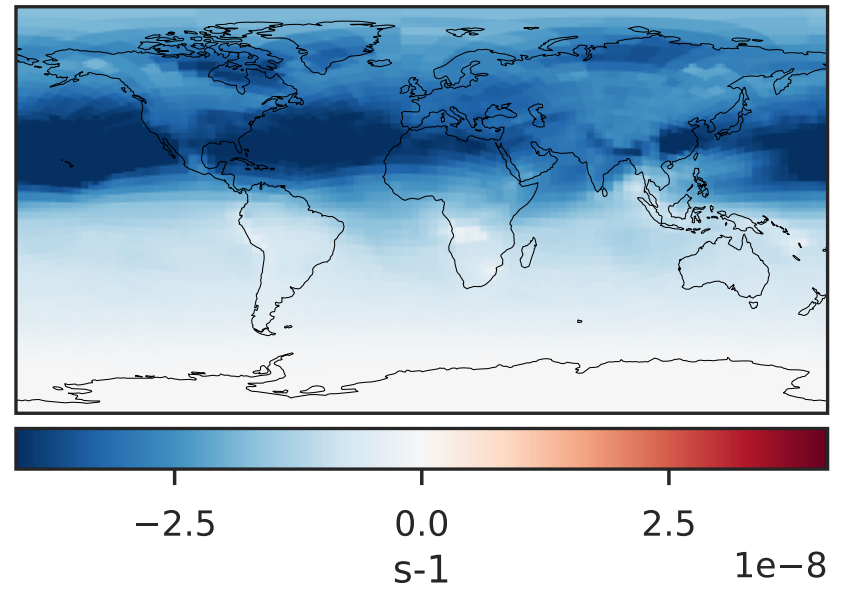
GCHP_14.2.0 (Dev)
c24



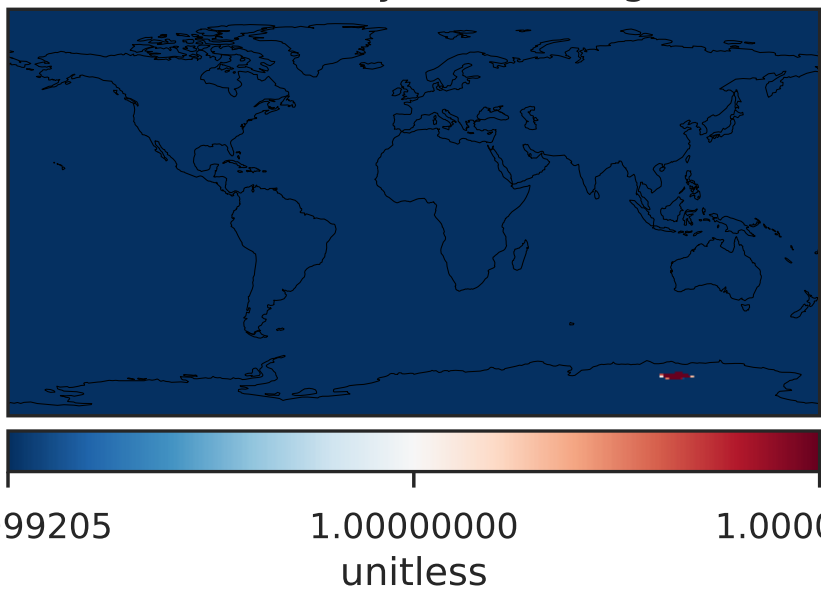
Difference (1x1.25)
Dev - Ref, Dynamic Range



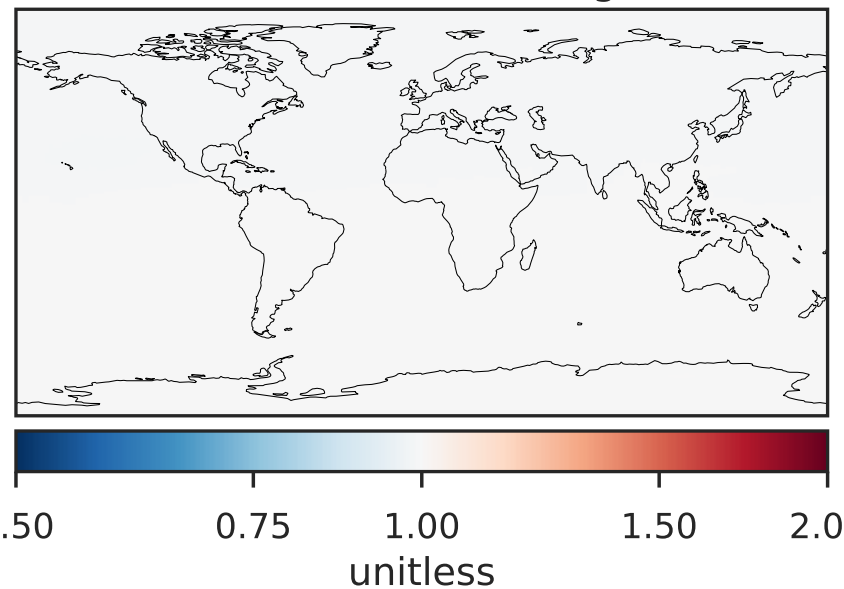
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

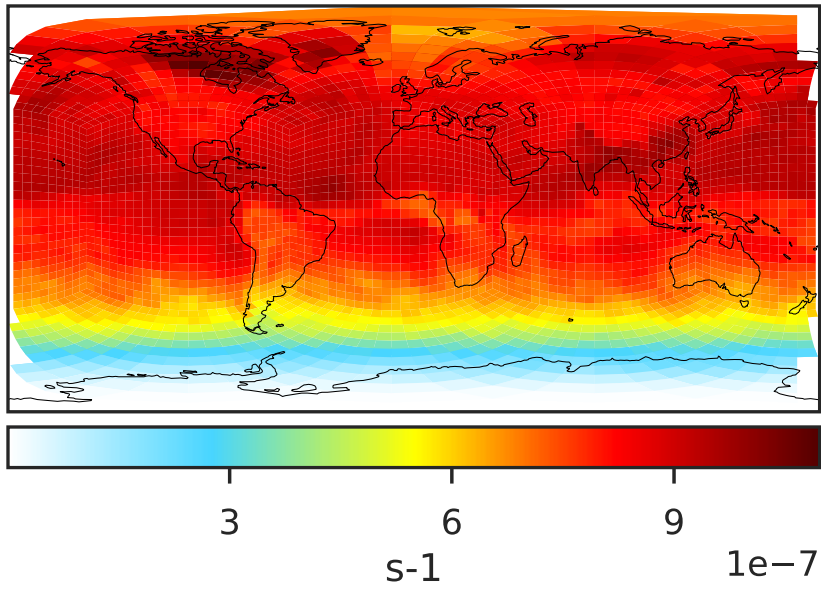


Ratio (1x1.25)
Dev/Ref, Fixed Range

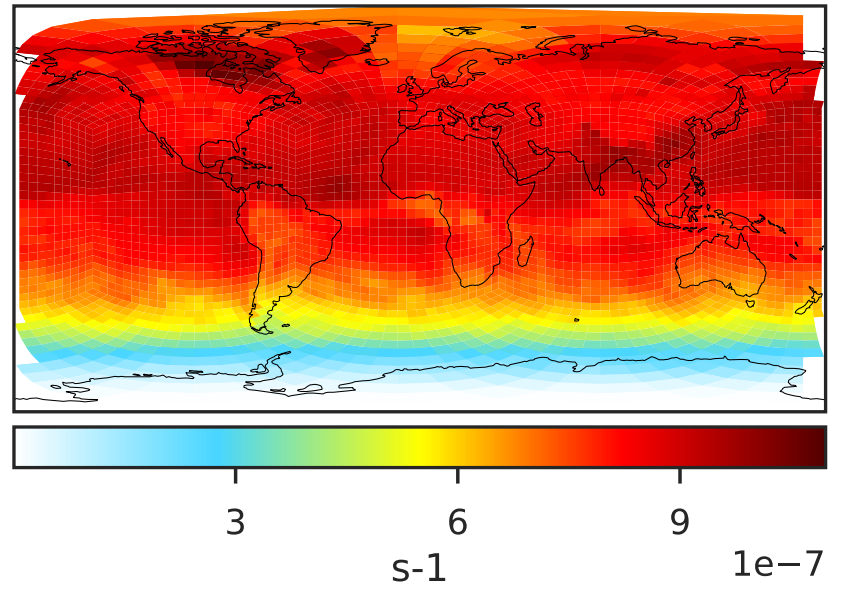


Jval_MACR (Apr2019)

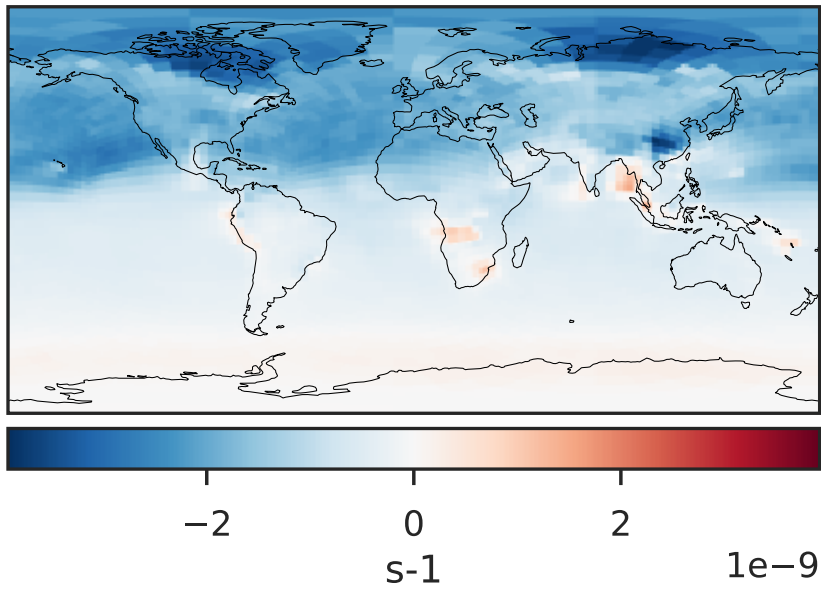
GCHP_14.0.0 (Ref)
c24



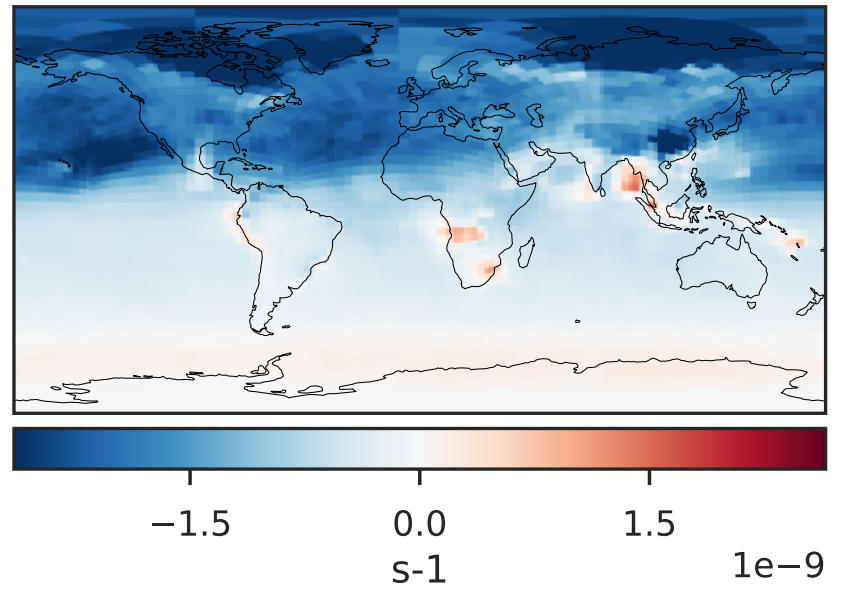
GCHP_14.2.0 (Dev)
c24



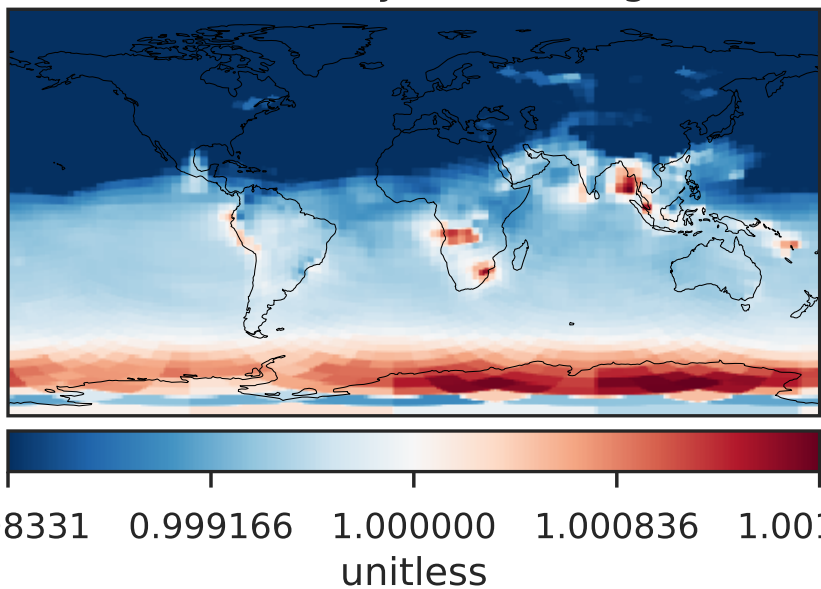
Difference (1x1.25)
Dev - Ref, Dynamic Range



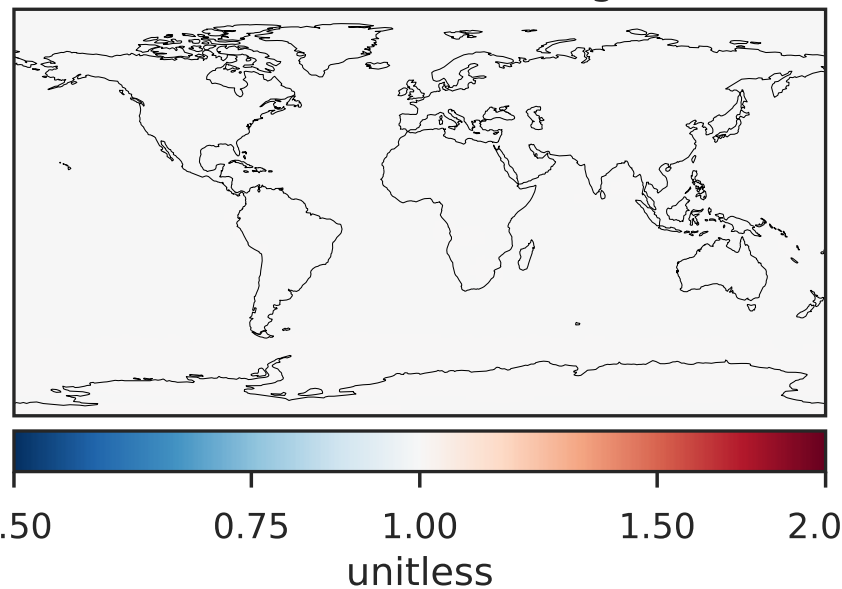
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

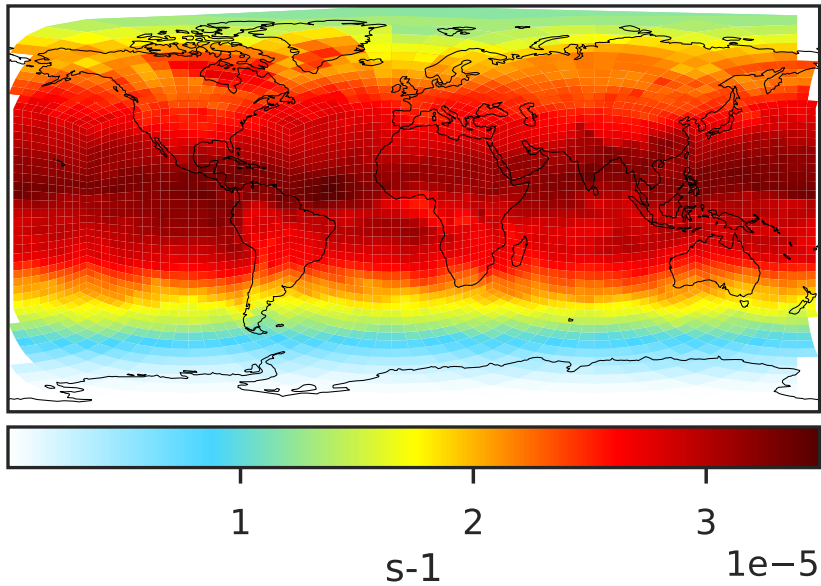


Ratio (1x1.25)
Dev/Ref, Fixed Range

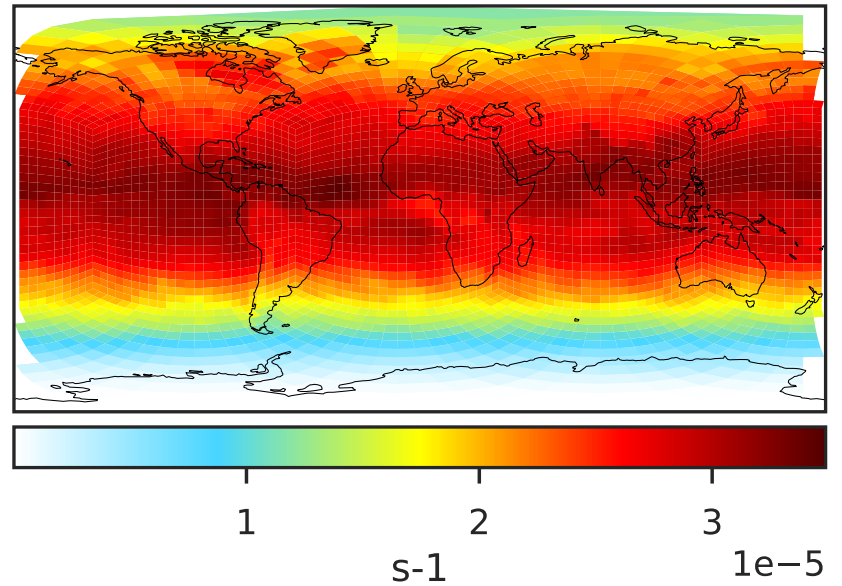


Jval_MACR100H (Apr2019)

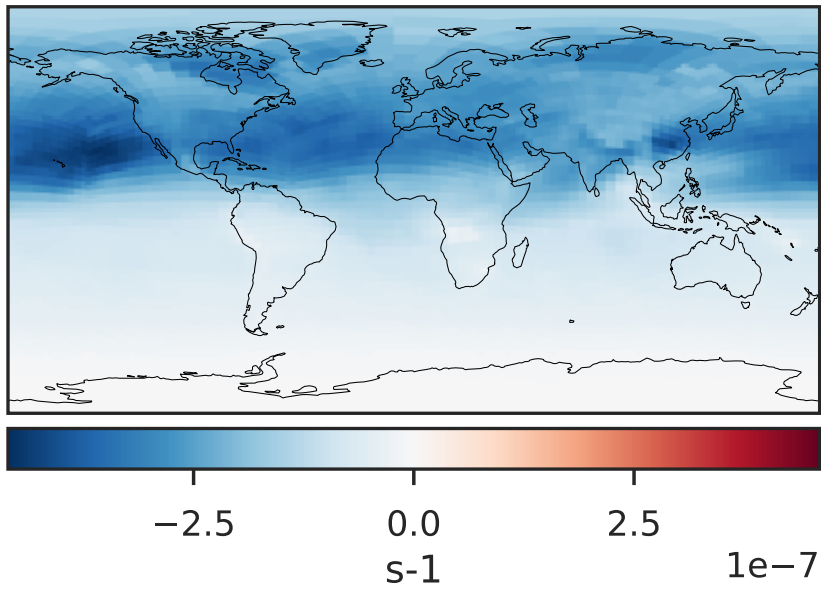
GCHP_14.0.0 (Ref)
c24



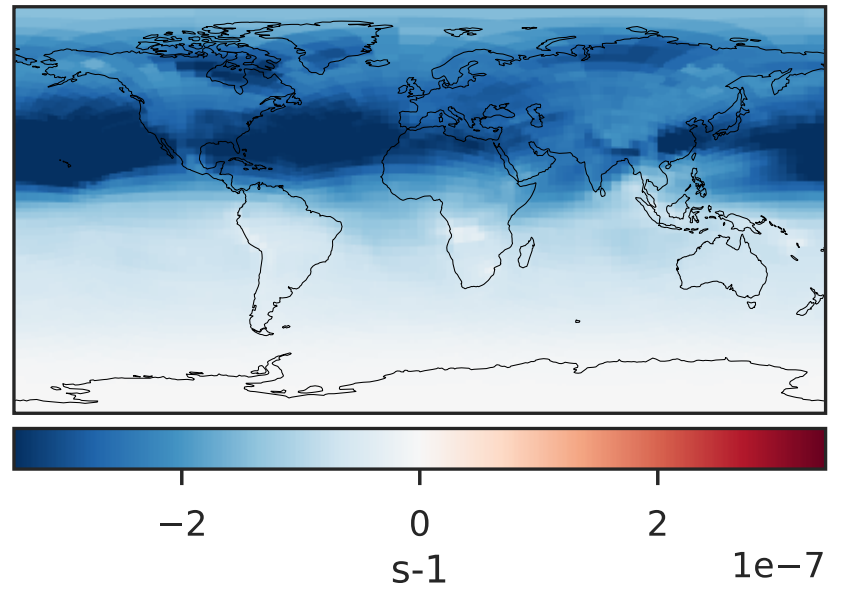
GCHP_14.2.0 (Dev)
c24



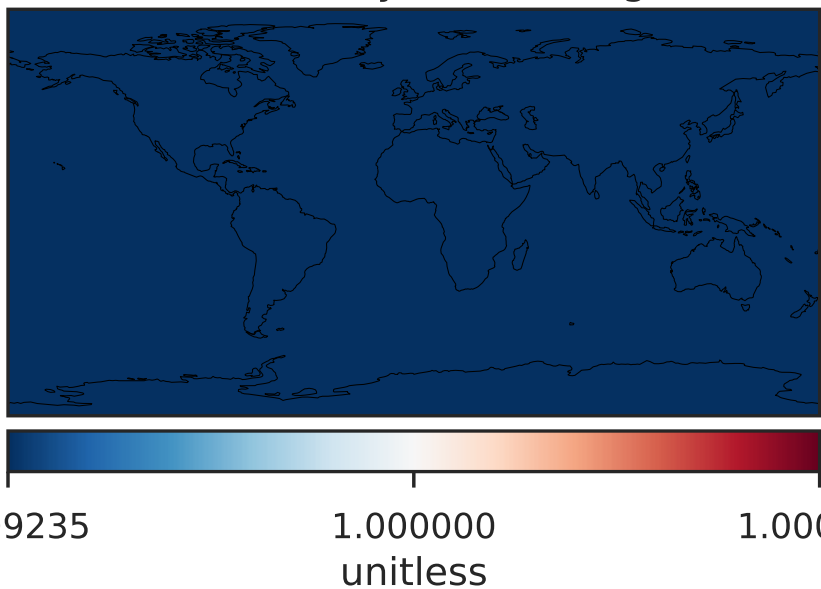
Difference (1x1.25)
Dev - Ref, Dynamic Range



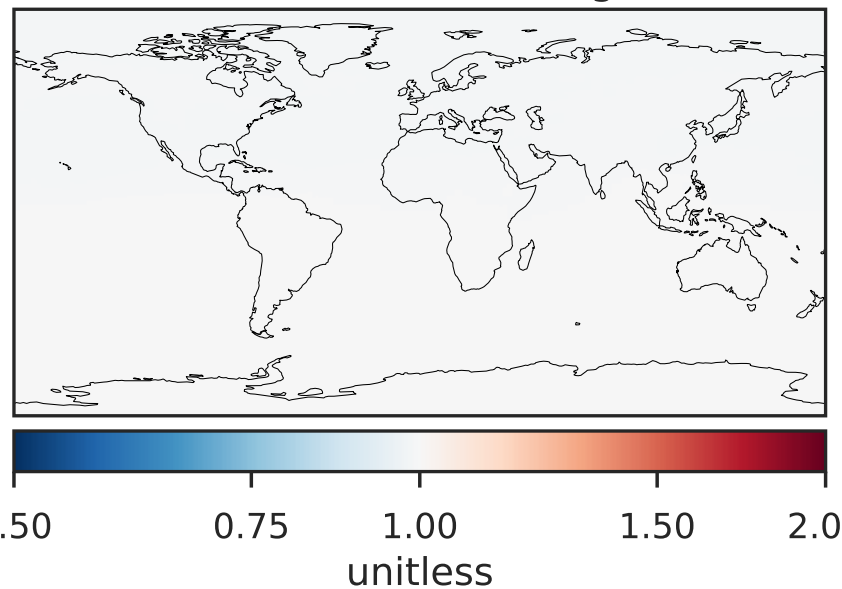
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

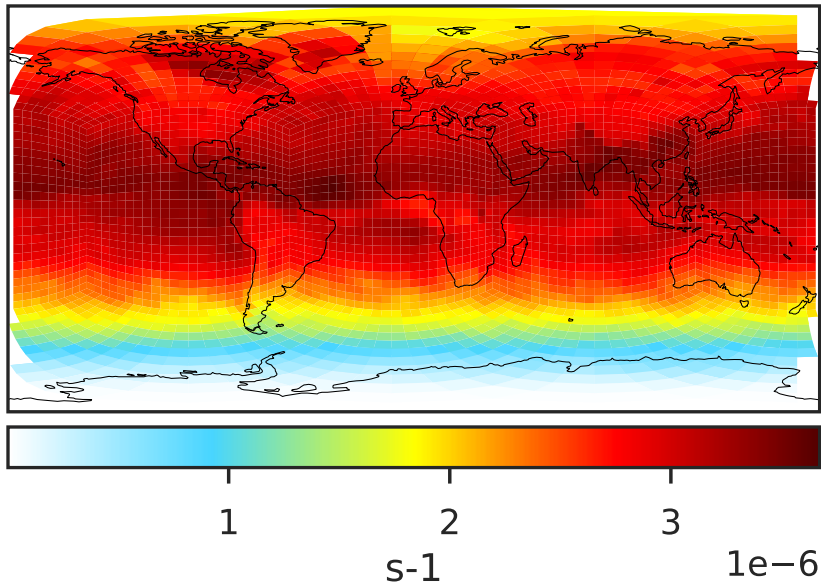


Ratio (1x1.25)
Dev/Ref, Fixed Range

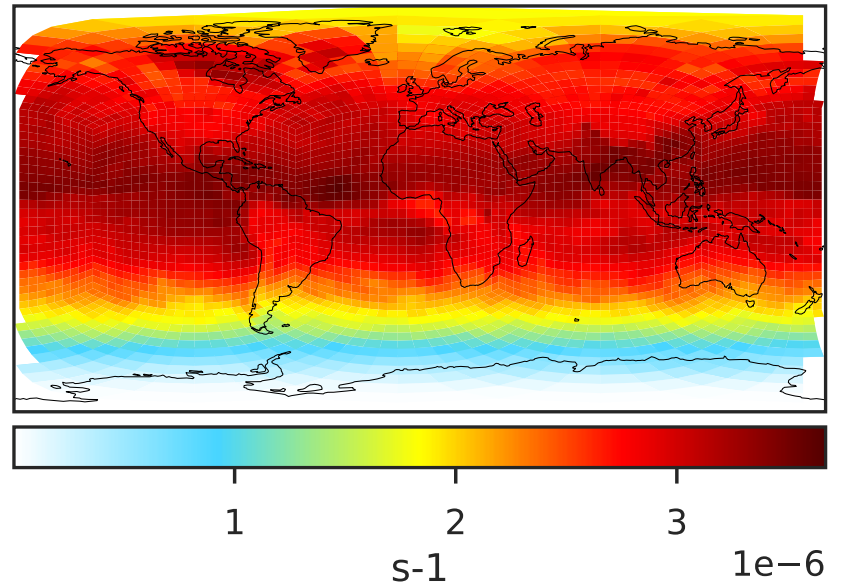


Jval_MAP (Apr2019)

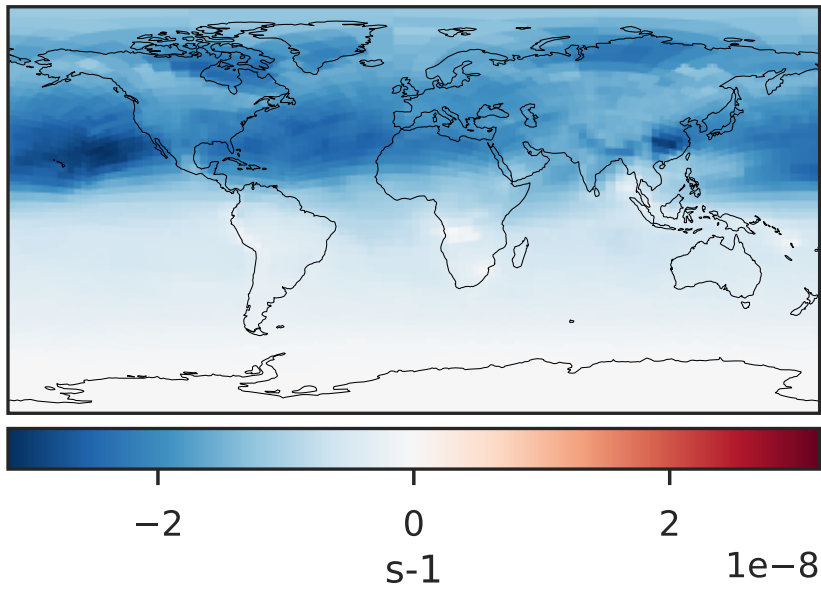
GCHP_14.0.0 (Ref)
c24



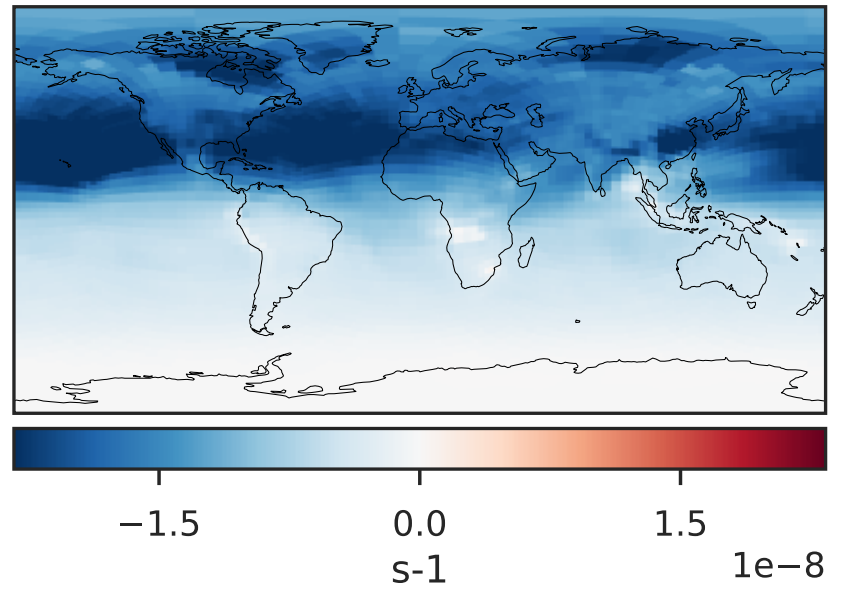
GCHP_14.2.0 (Dev)
c24



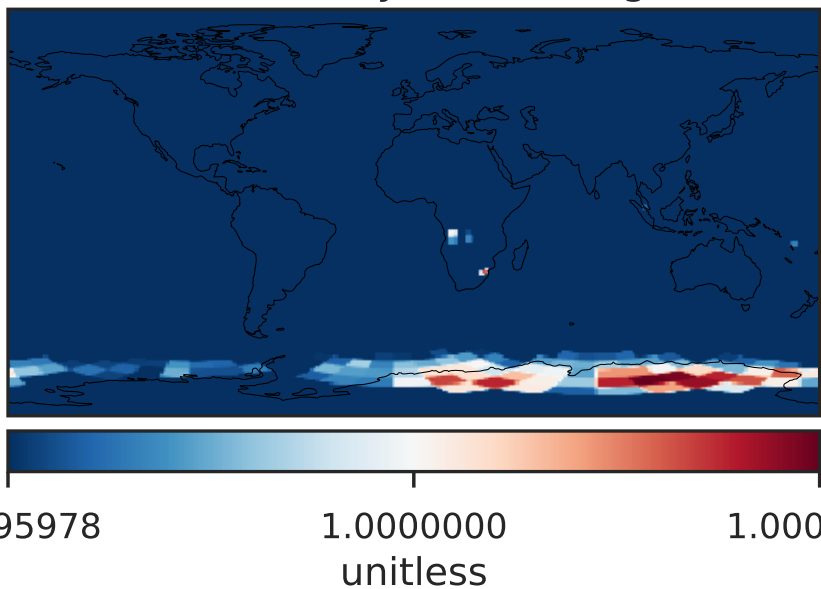
Difference (1x1.25)
Dev - Ref, Dynamic Range



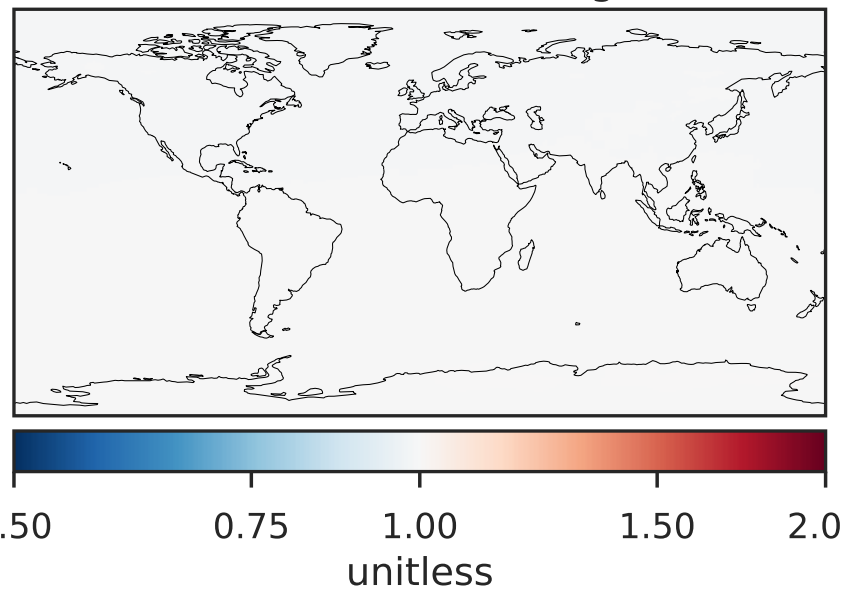
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

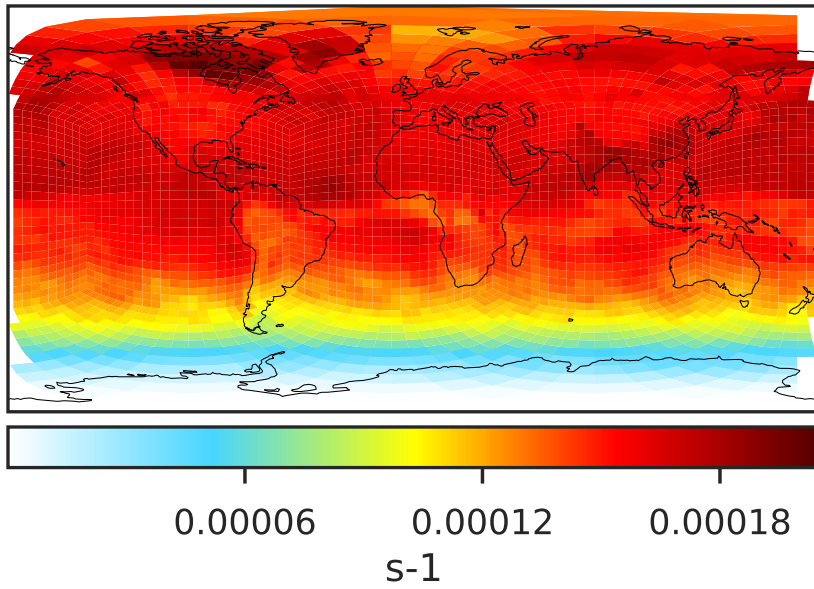


Ratio (1x1.25)
Dev/Ref, Fixed Range

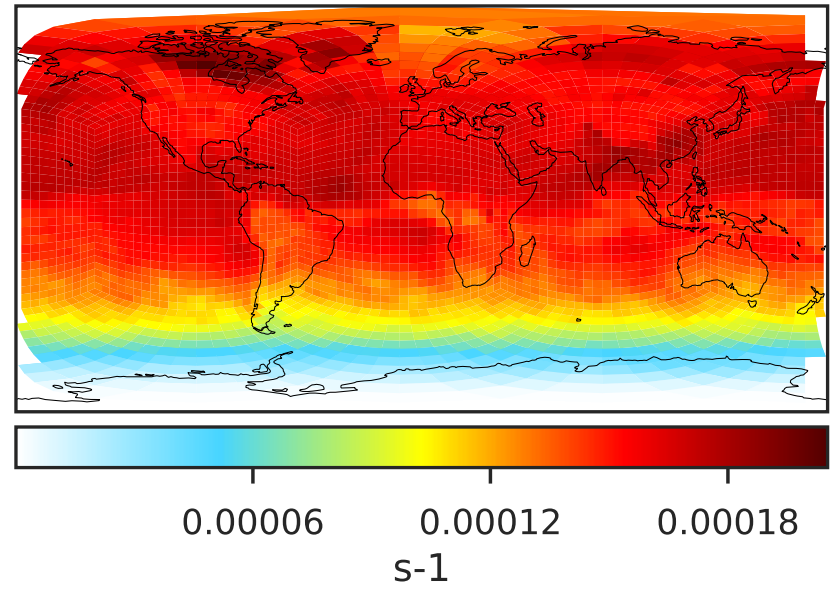


Jval_MCRENOL (Apr2019)

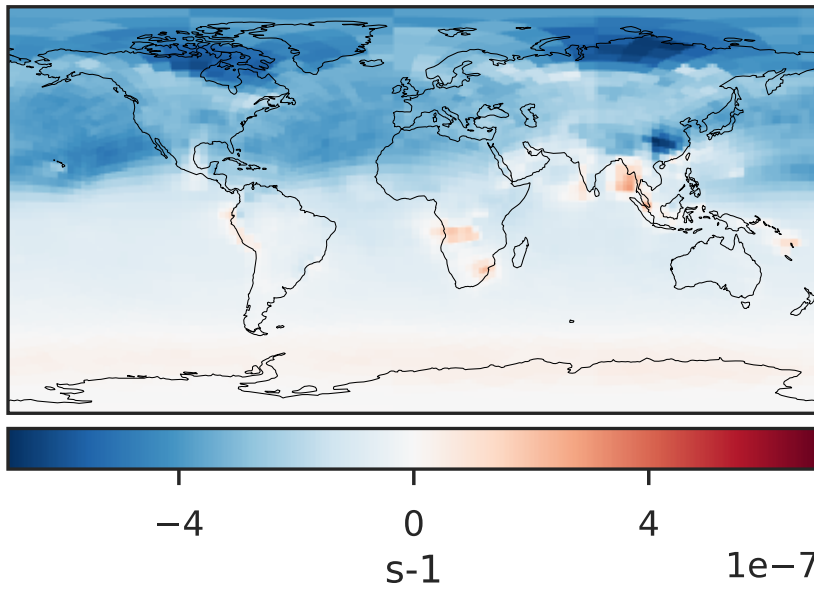
GCHP_14.0.0 (Ref)
c24



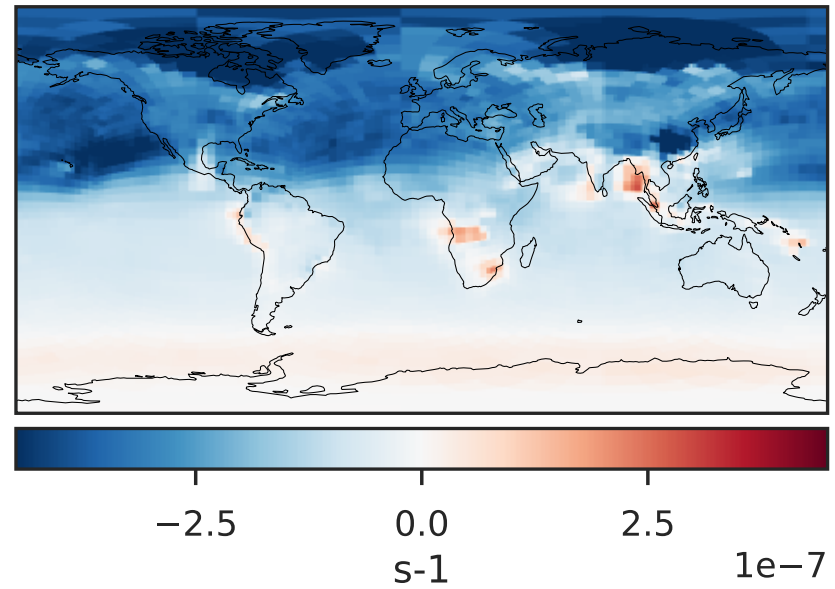
GCHP_14.2.0 (Dev)
c24



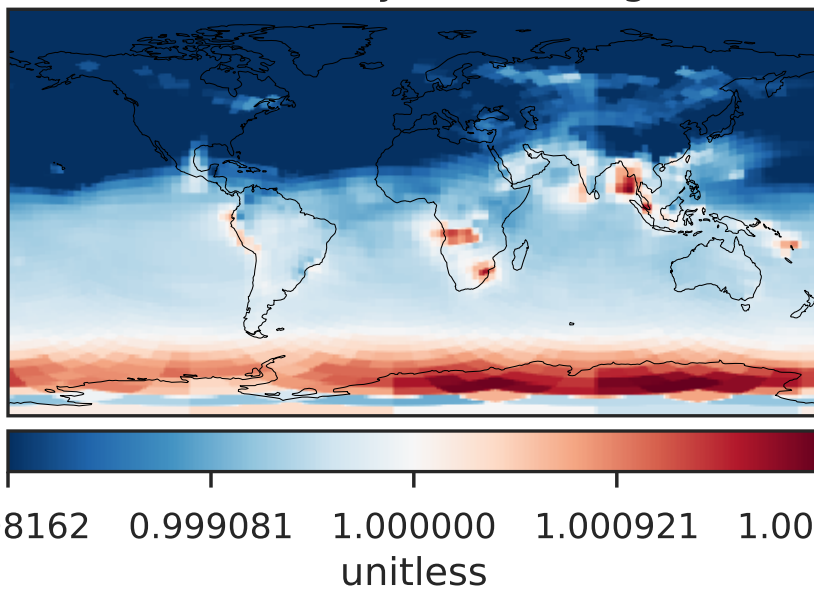
Difference (1x1.25)
Dev - Ref, Dynamic Range



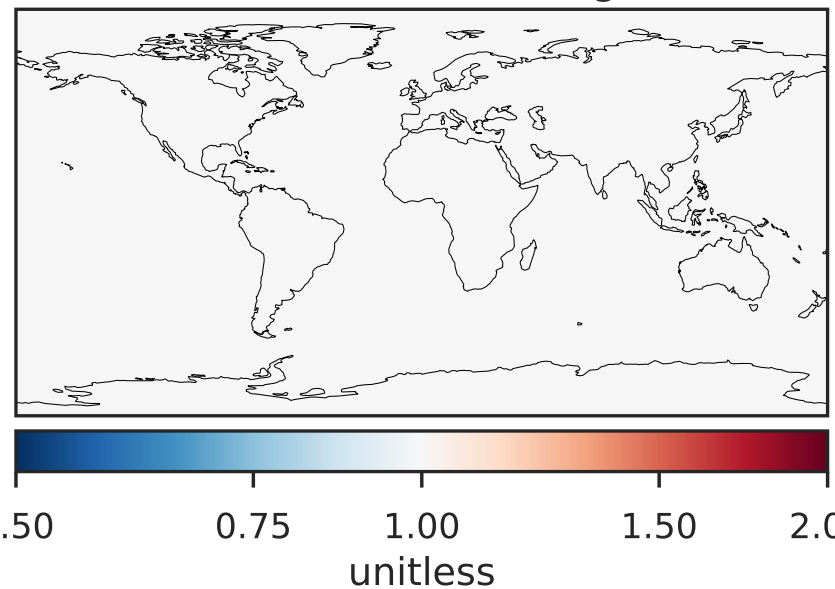
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range



Ratio (1x1.25)
Dev/Ref, Fixed Range

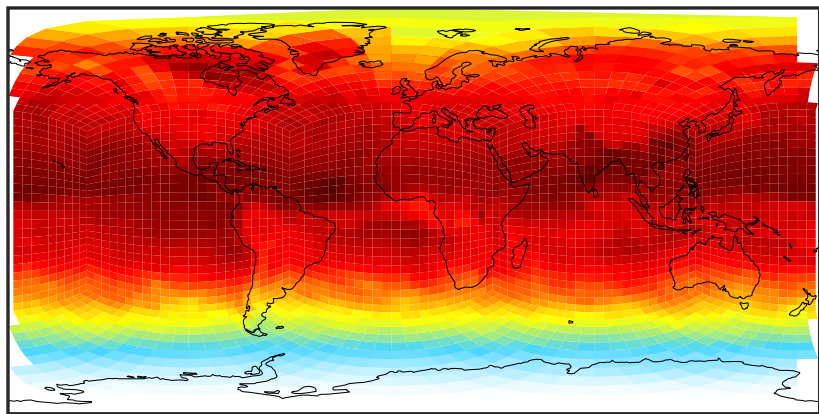


0.998162 0.999081 1.000000 1.000921 1.001841
unitless

0.50 0.75 1.00 1.50 2.00
unitless

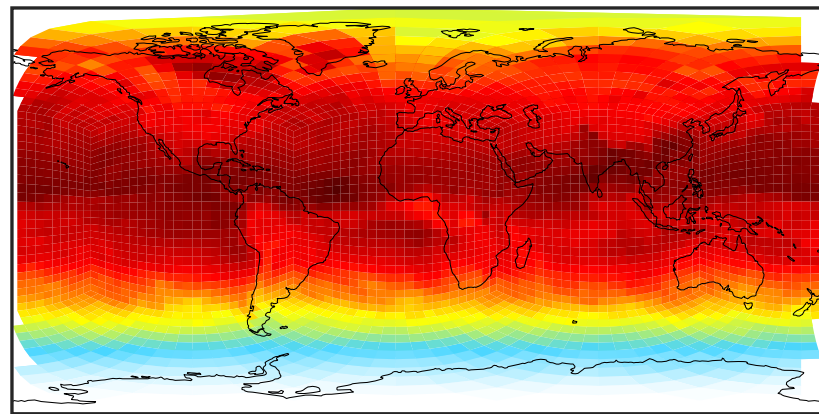
Jval_MCRHN (Apr2019)

GCHP_14.0.0 (Ref)
c24



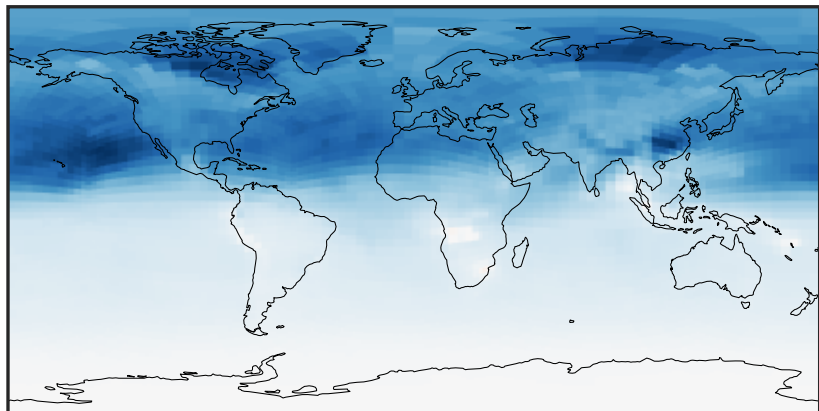
0.00006 0.00012 0.00018
s-1

GCHP_14.2.0 (Dev)
c24



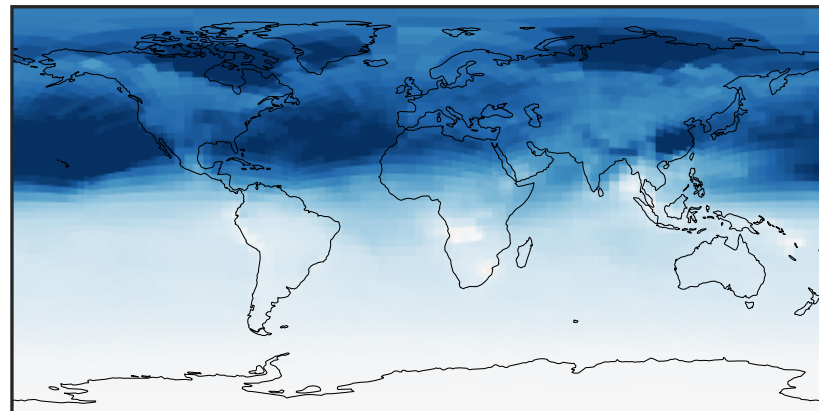
0.00006 0.00012 0.00018
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



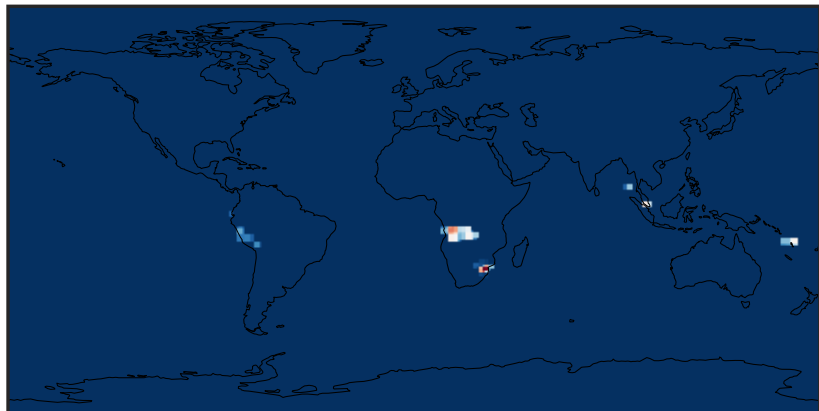
-1 0 1
s-1 1e-6

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



-8 0 8
s-1 1e-7

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.999488 1.000000 1.000512
unitless

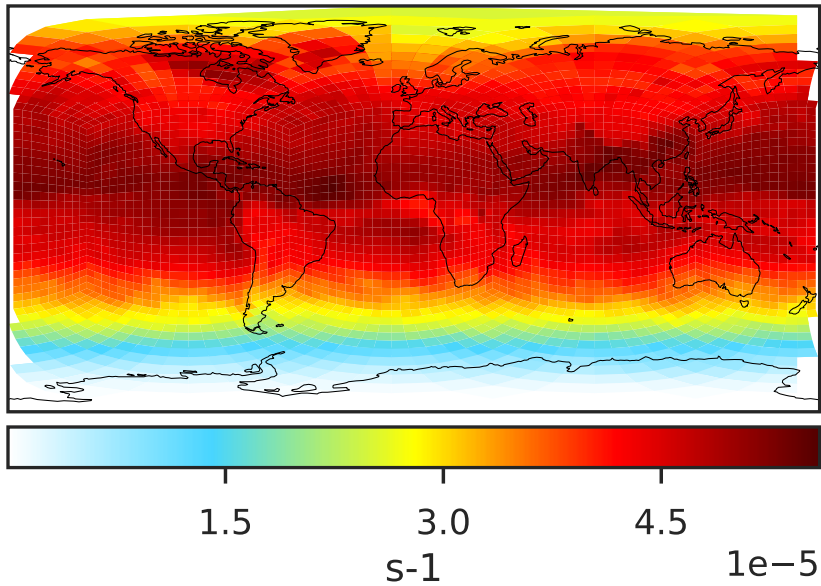
Ratio (1x1.25)
Dev/Ref, Fixed Range



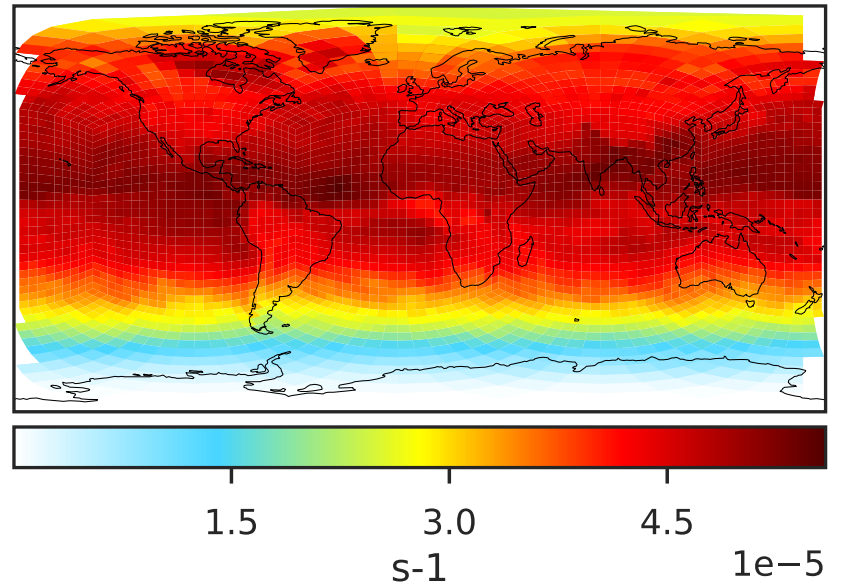
0.50 0.75 1.00 1.50 2.00
unitless

Jval_MCRHNB (Apr2019)

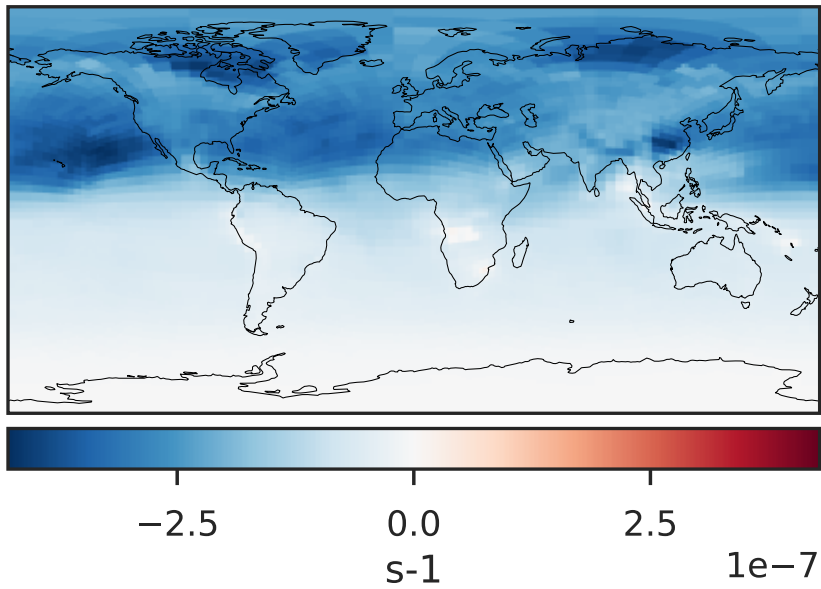
GCHP_14.0.0 (Ref)
c24



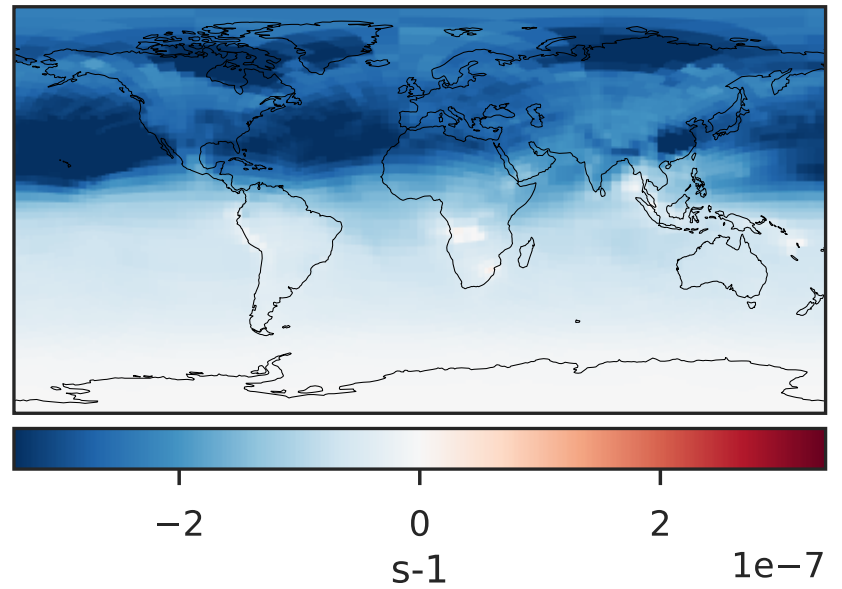
GCHP_14.2.0 (Dev)
c24



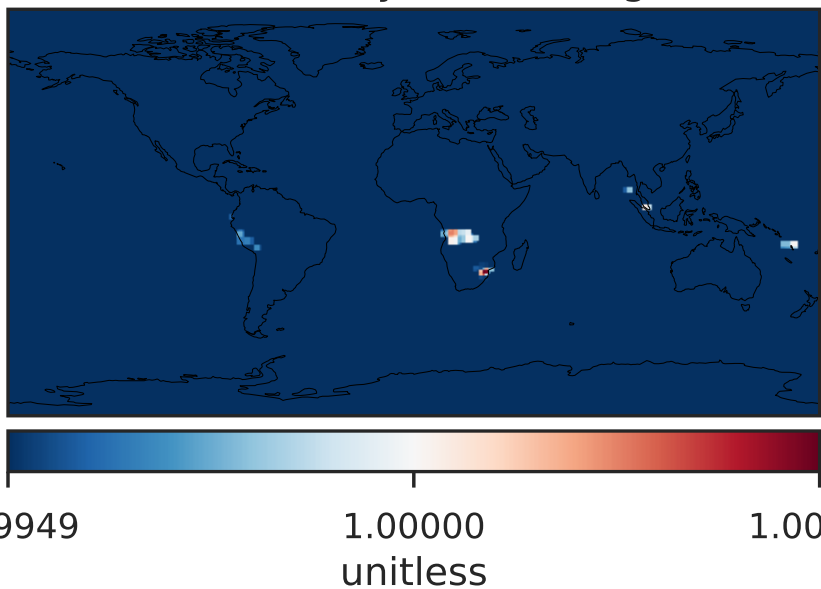
Difference (1x1.25)
Dev - Ref, Dynamic Range



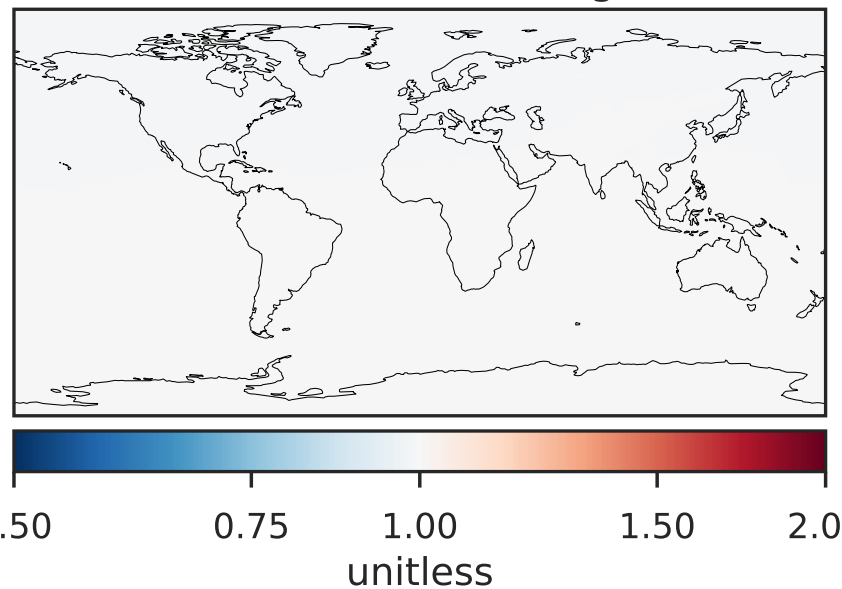
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

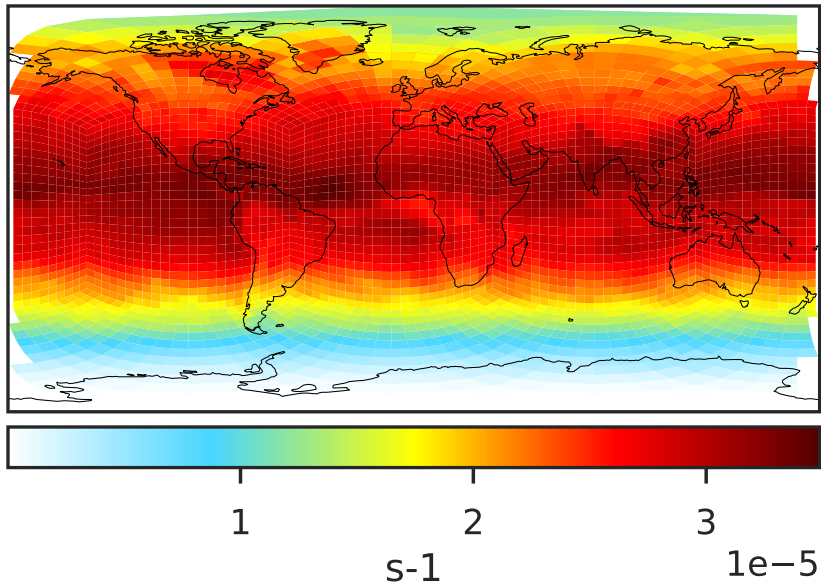


Ratio (1x1.25)
Dev/Ref, Fixed Range

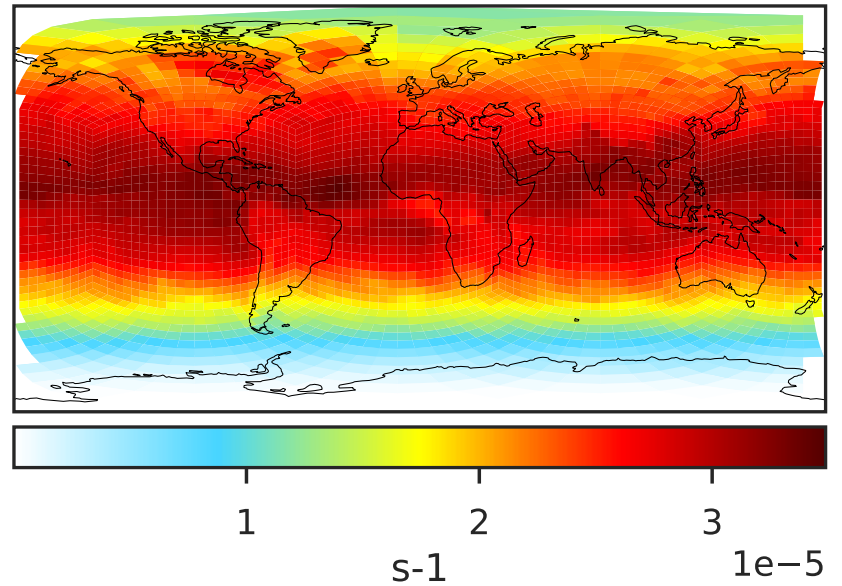


Jval_MCRHP (Apr2019)

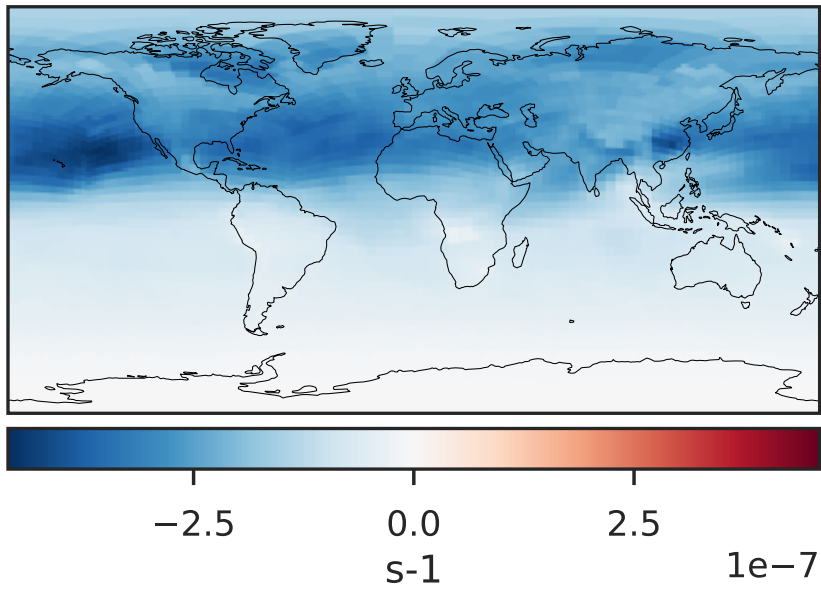
GCHP_14.0.0 (Ref)
c24



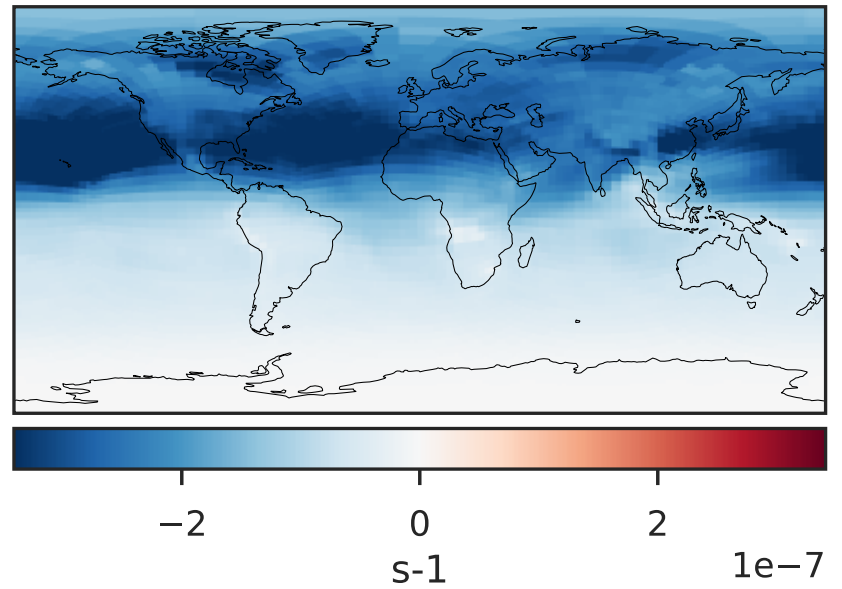
GCHP_14.2.0 (Dev)
c24



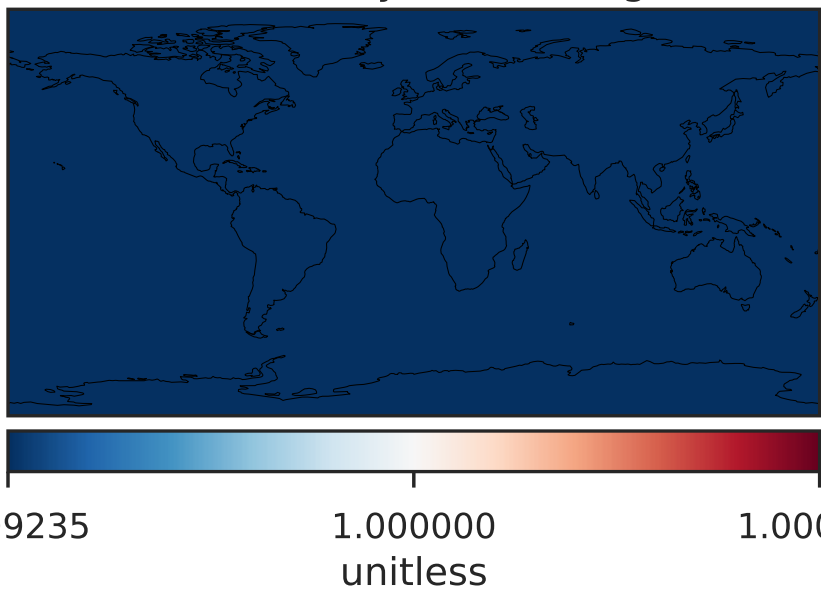
Difference (1x1.25)
Dev - Ref, Dynamic Range



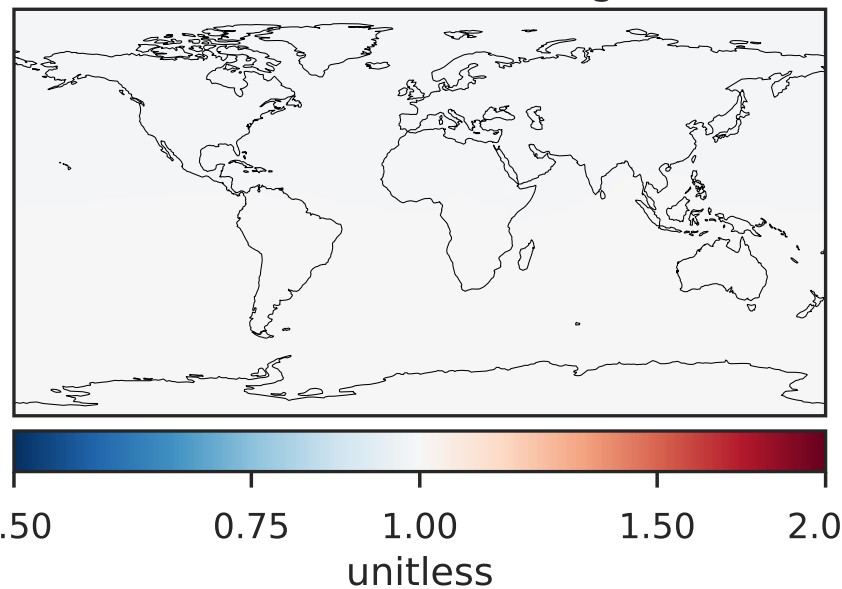
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

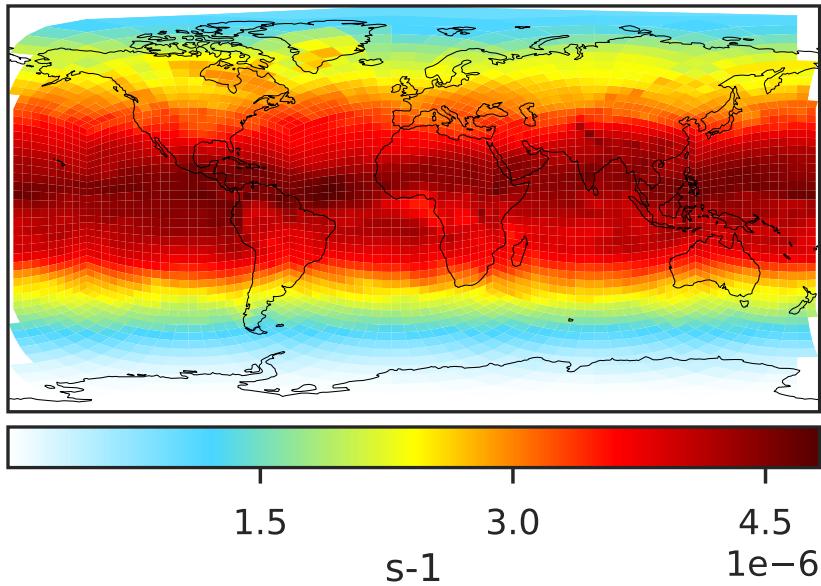


Ratio (1x1.25)
Dev/Ref, Fixed Range

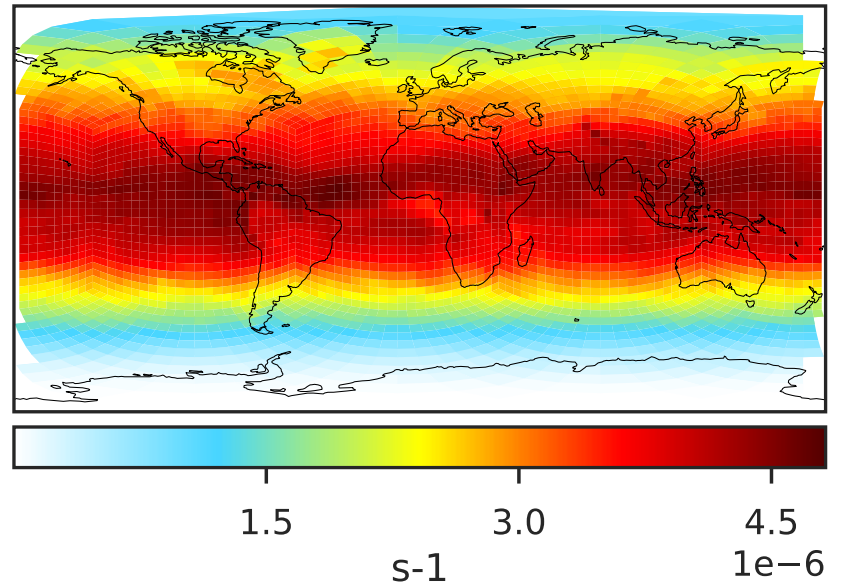


Jval_MEK (Apr2019)

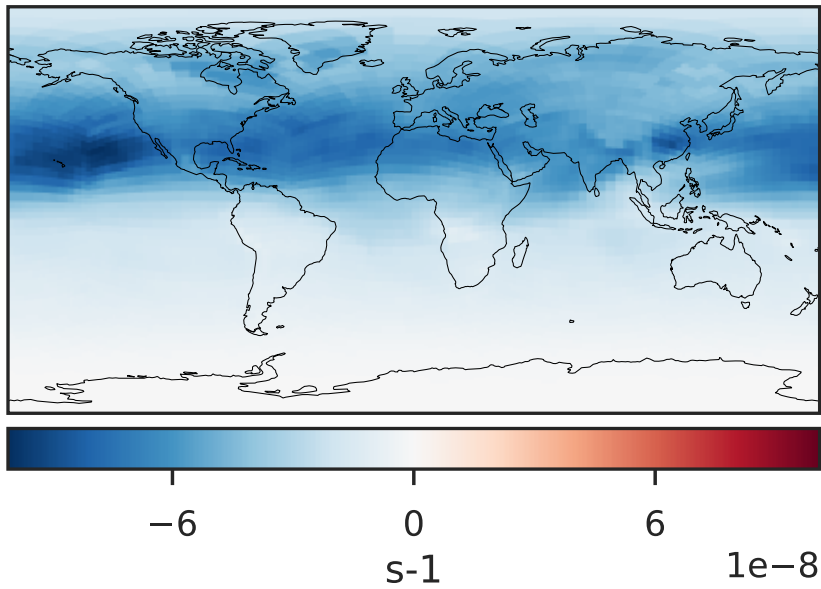
GCHP_14.0.0 (Ref)
c24



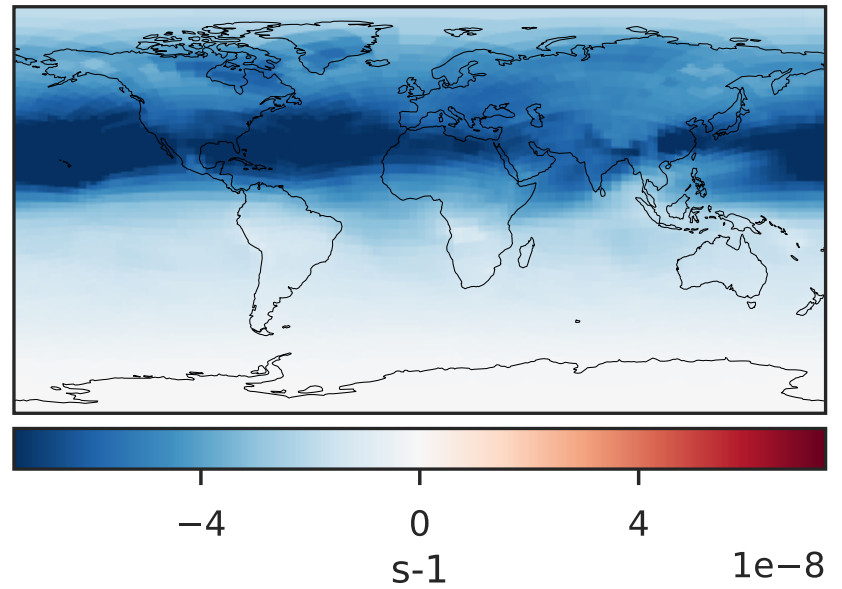
GCHP_14.2.0 (Dev)
c24



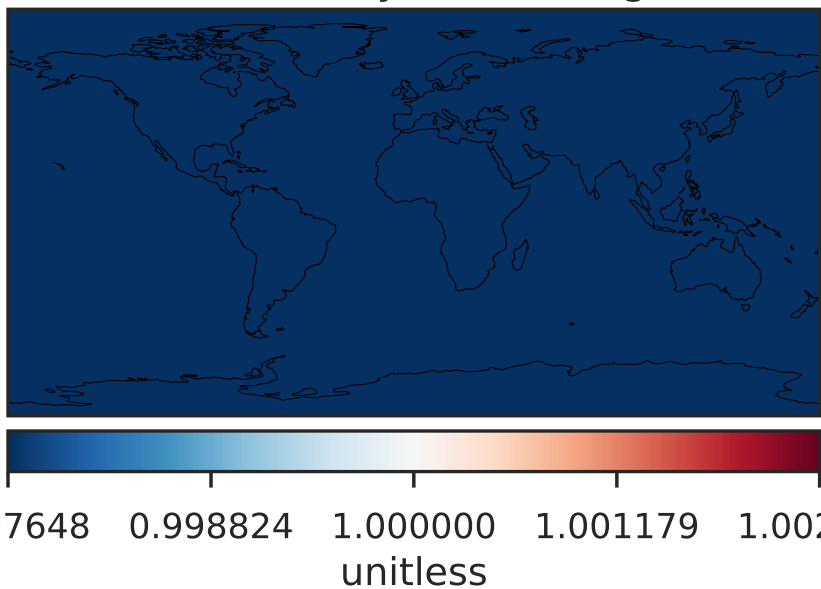
Difference (1x1.25)
Dev - Ref, Dynamic Range



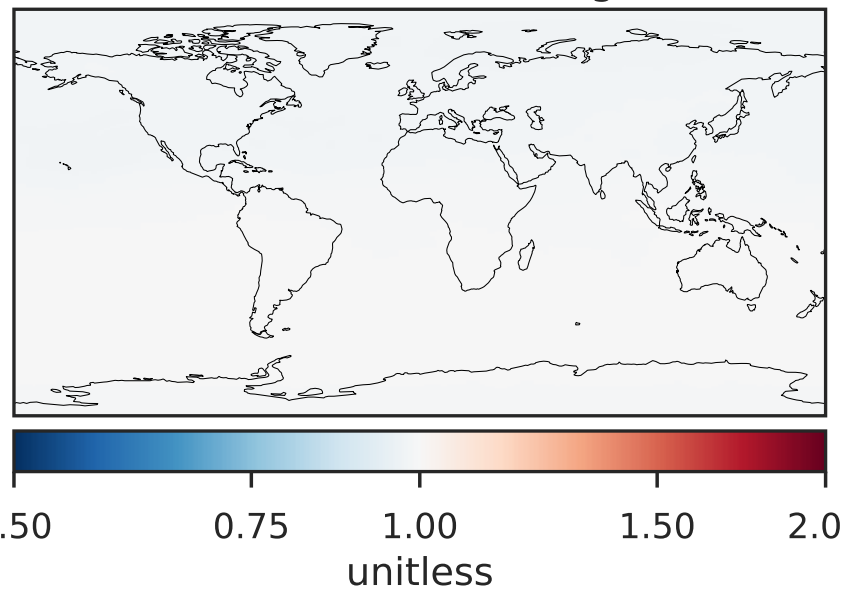
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

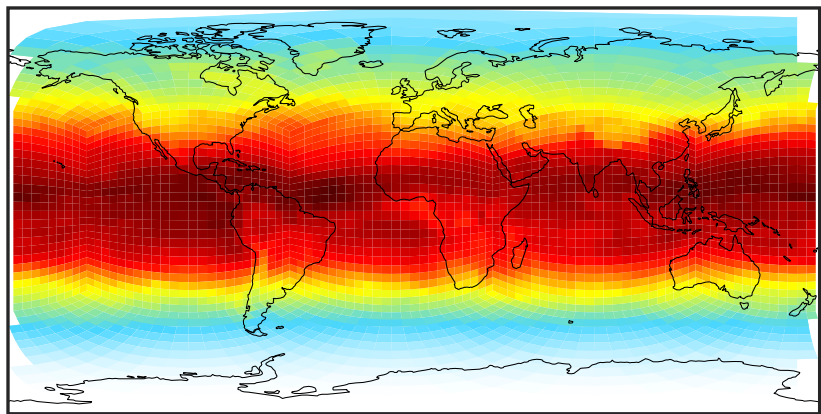


Ratio (1x1.25)
Dev/Ref, Fixed Range



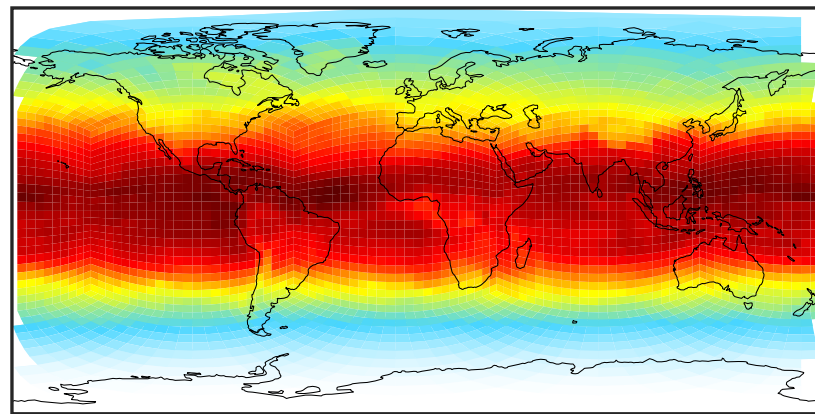
Jval_MENO3 (Apr2019)

GCHP_14.0.0 (Ref)
c24



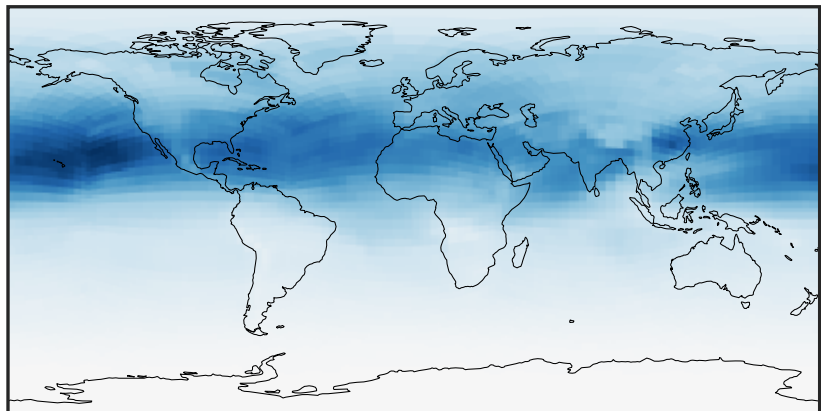
1.5 3.0 4.5
s-1 $1e-7$

GCHP_14.2.0 (Dev)
c24



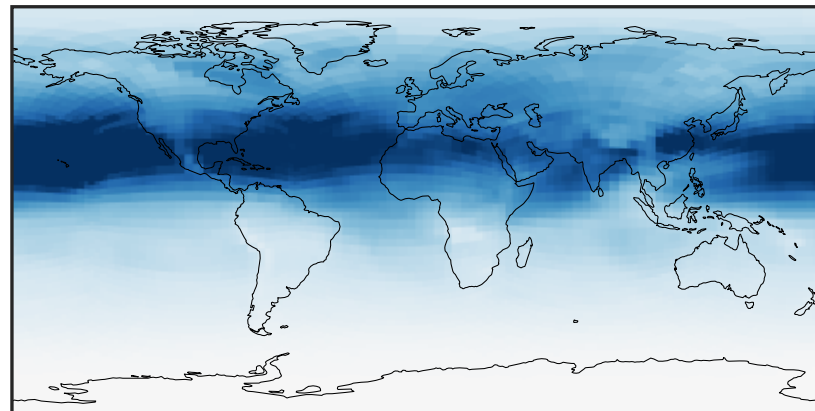
1.5 3.0 4.5
s-1 $1e-7$

Difference (1x1.25)
Dev - Ref, Dynamic Range



-8 0 8
s-1 $1e-9$

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



-5 0 5
s-1 $1e-9$

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.997144 0.998572 1.000000 1.001432 1.002864
unitless

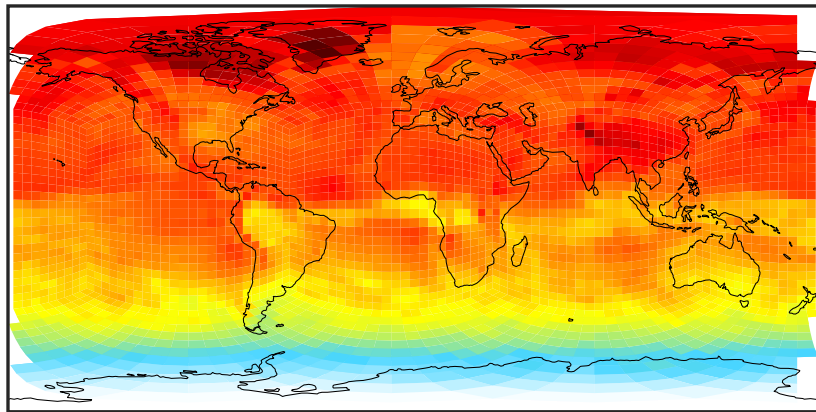
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

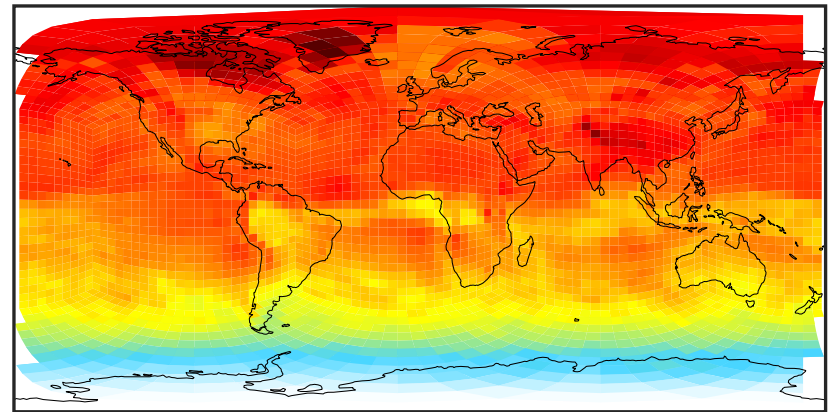
Jval_MGLY (Apr2019)

GCHP_14.0.0 (Ref)
c24



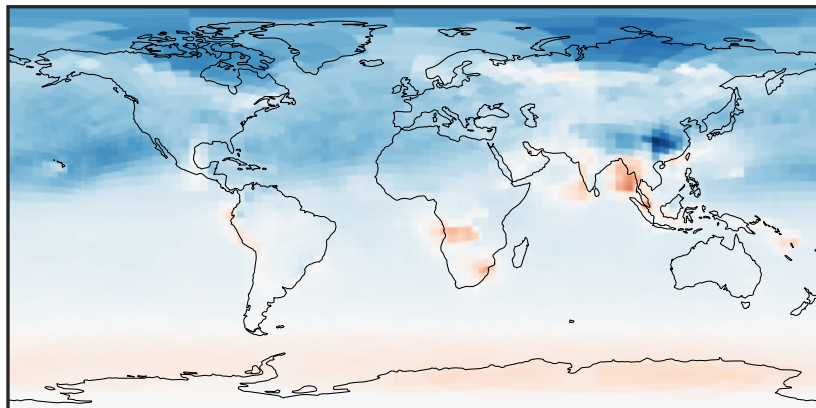
0.00006 0.00012 0.00018
s-1

GCHP_14.2.0 (Dev)
c24



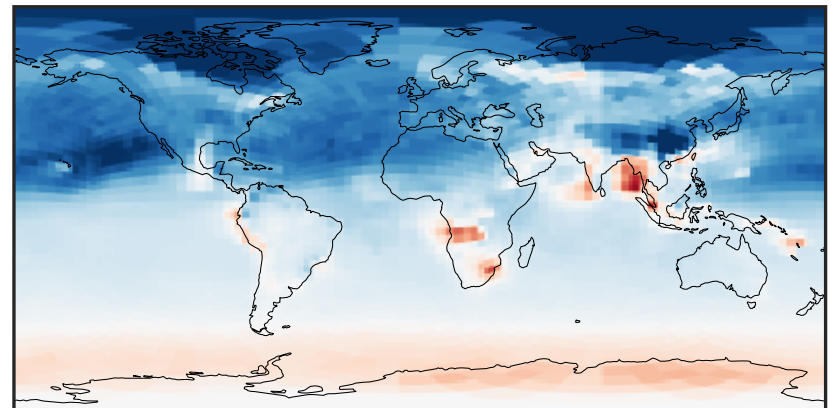
0.00006 0.00012 0.00018
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



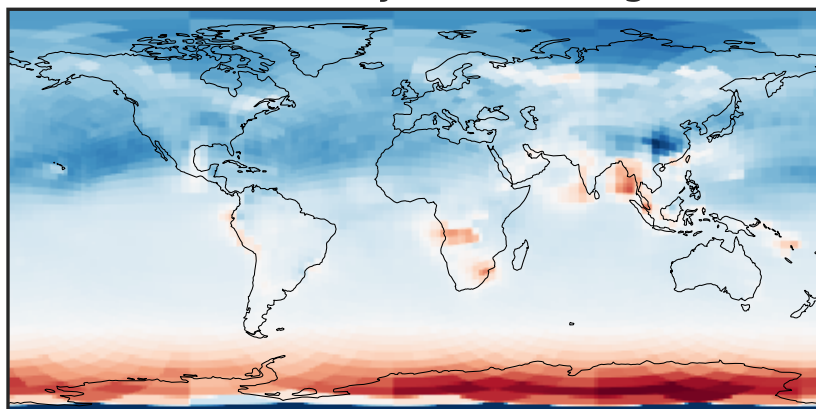
-3 0 3
s-1 1e-7

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



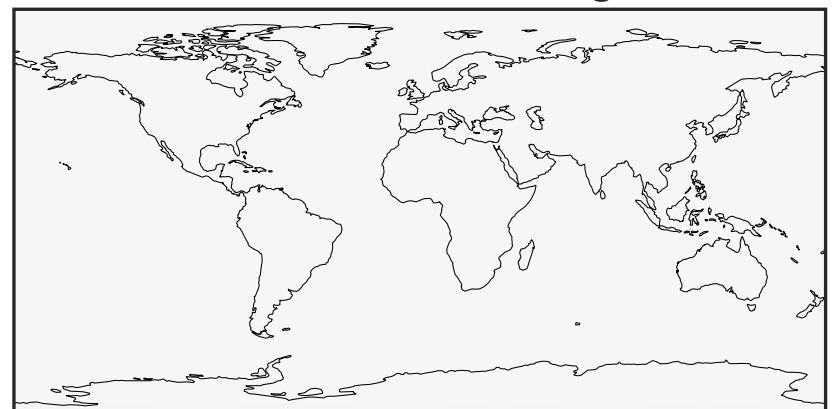
-2 0 2
s-1 1e-7

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.996755 0.998378 1.000000 1.001628 1.003255
unitless

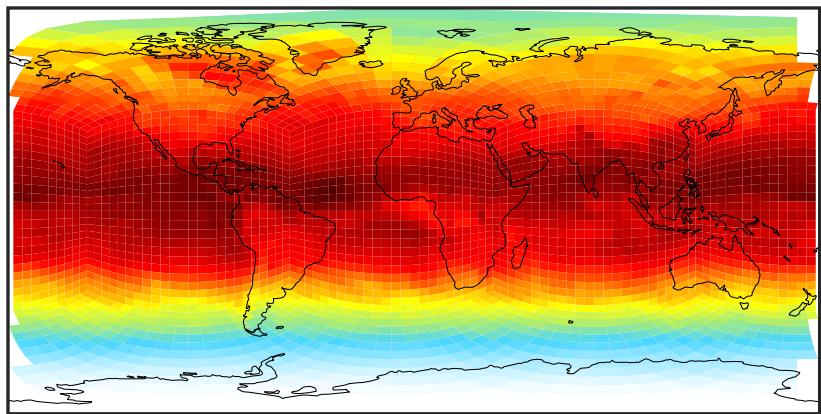
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

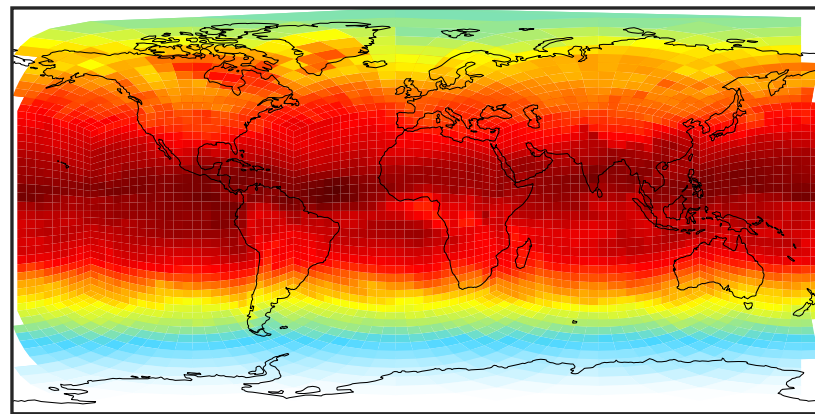
Jval_MONITS (Apr2019)

GCHP_14.0.0 (Ref)
c24



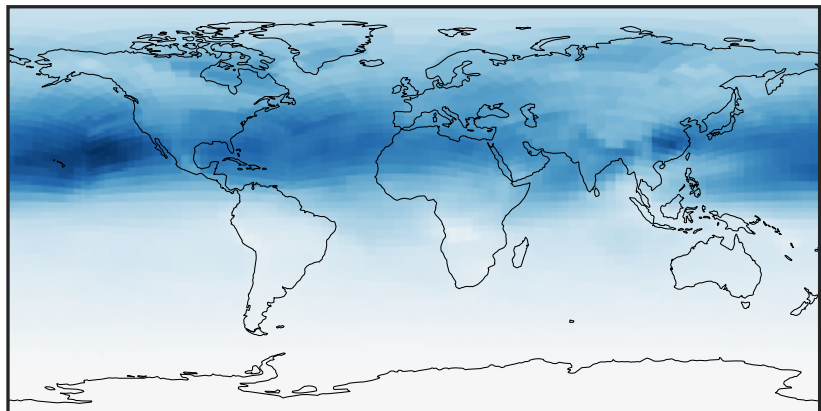
0.4 0.8 1.2
s-1 $1e-6$

GCHP_14.2.0 (Dev)
c24



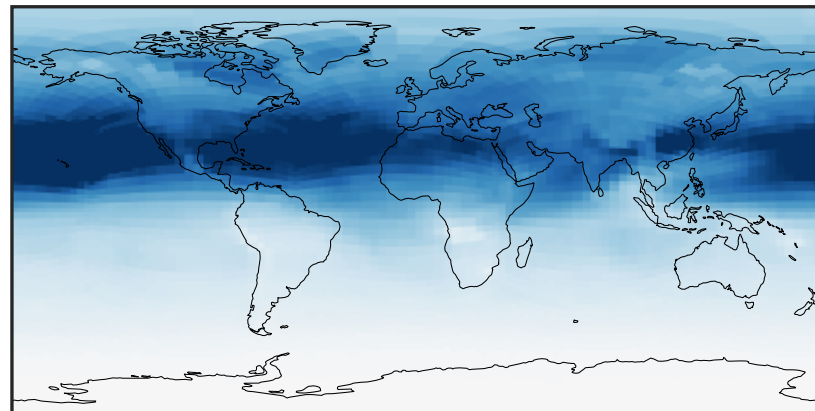
0.4 0.8 1.2
s-1 $1e-6$

Difference (1x1.25)
Dev - Ref, Dynamic Range



-1.5 0.0 1.5
s-1 $1e-8$

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



-1 0 1
s-1 $1e-8$

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.998710 0.999355 1.000000 1.000646 1.001292
unitless

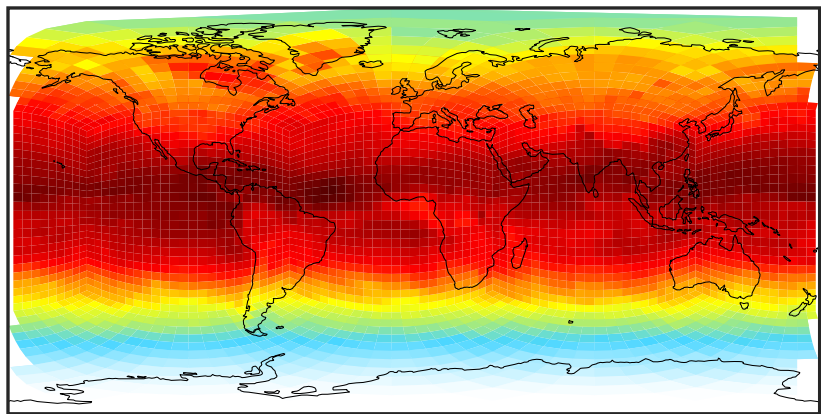
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

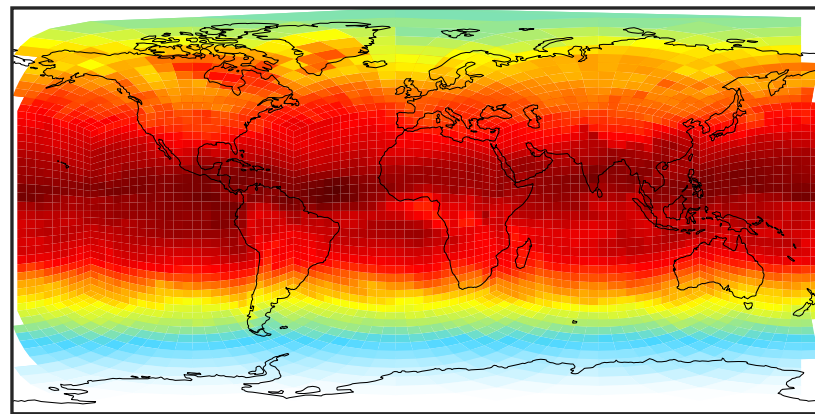
Jval_MONITU (Apr2019)

GCHP_14.0.0 (Ref)
c24



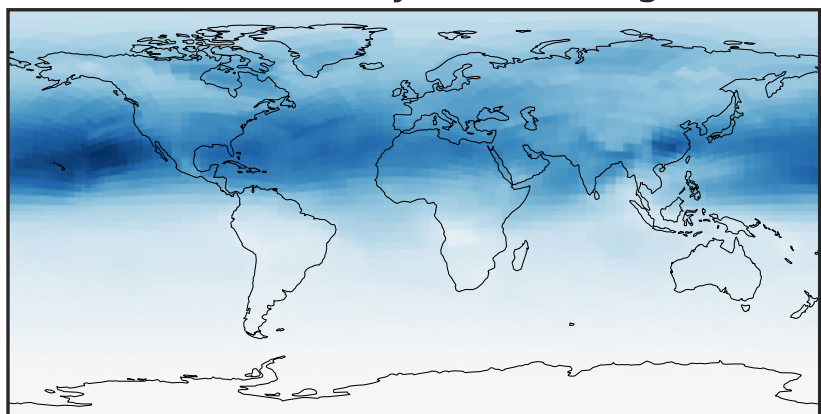
0.4 0.8 1.2
s-1 $1e-6$

GCHP_14.2.0 (Dev)
c24



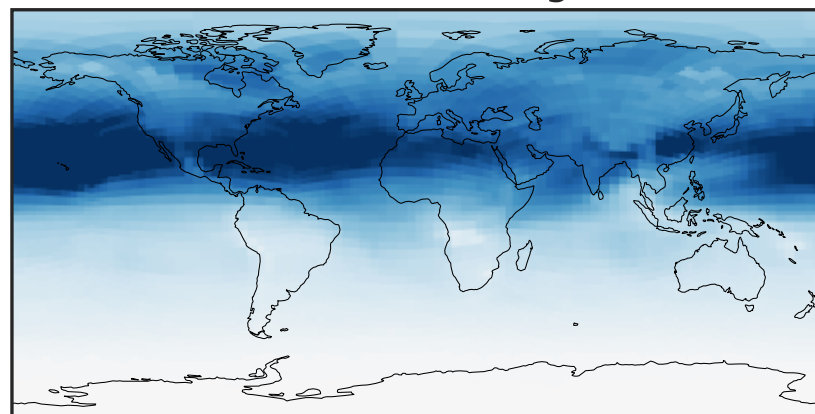
0.4 0.8 1.2
s-1 $1e-6$

Difference (1x1.25)
Dev - Ref, Dynamic Range



-1.5 0.0 1.5
s-1 $1e-8$

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



-1 0 1
s-1 $1e-8$

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.998710 0.999355 1.000000 1.000646 1.001292
unitless

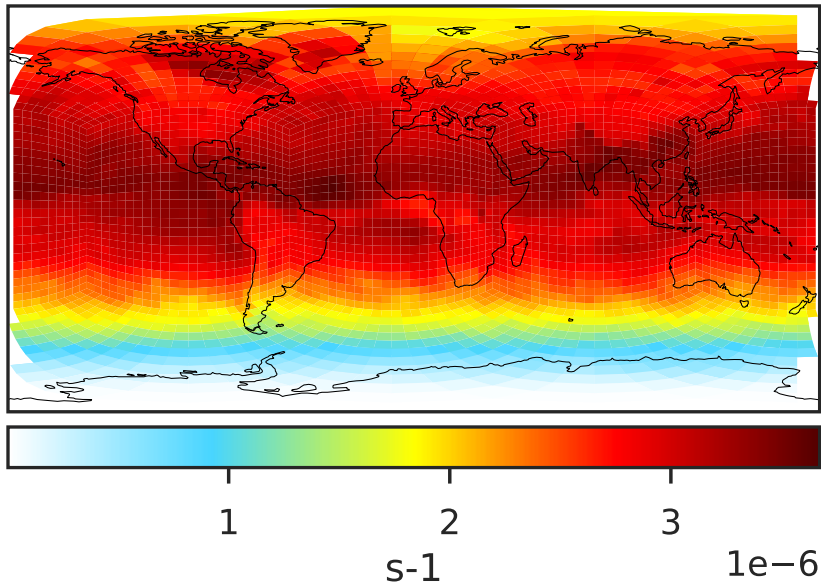
Ratio (1x1.25)
Dev/Ref, Fixed Range



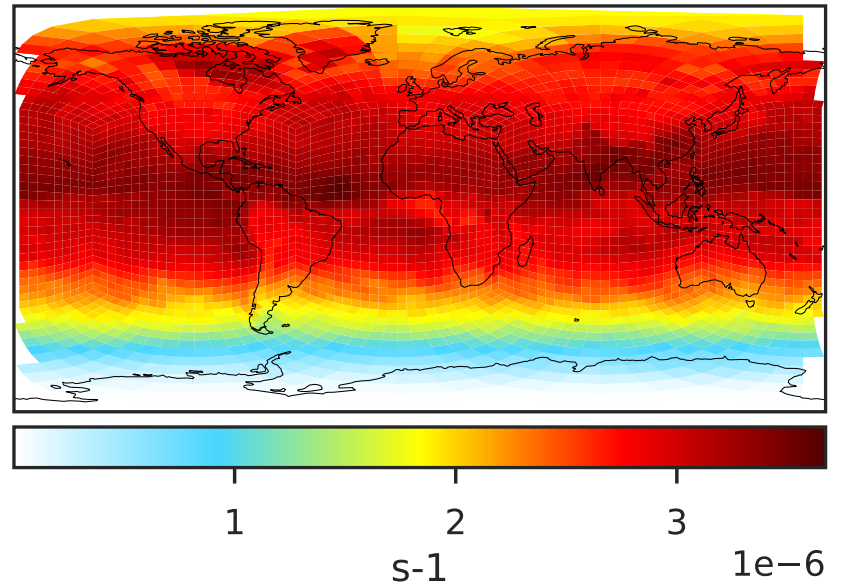
0.50 0.75 1.00 1.50 2.00
unitless

Jval_MP (Apr2019)

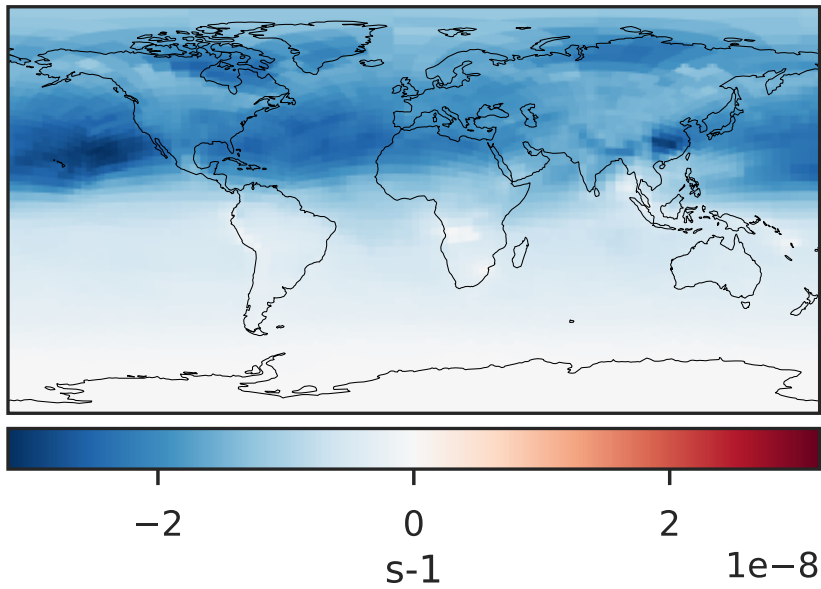
GCHP_14.0.0 (Ref)
c24



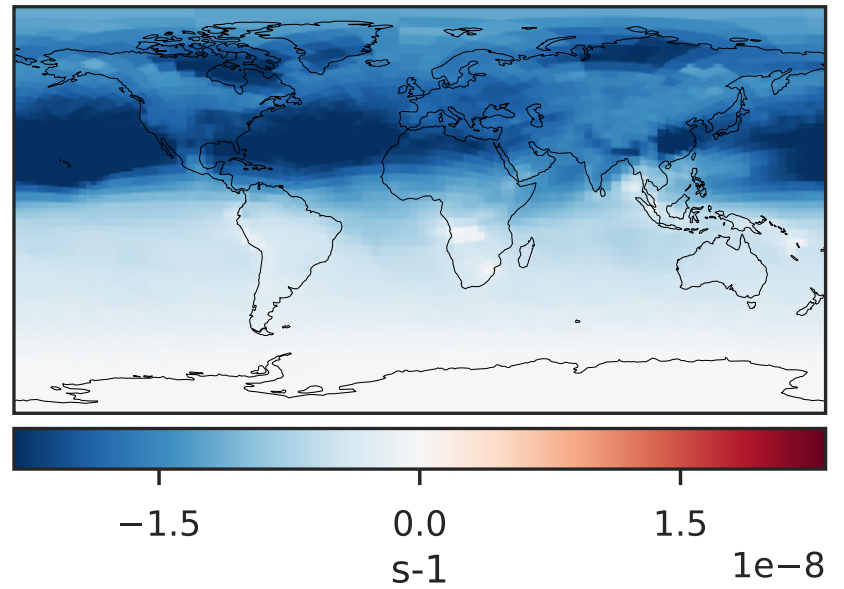
GCHP_14.2.0 (Dev)
c24



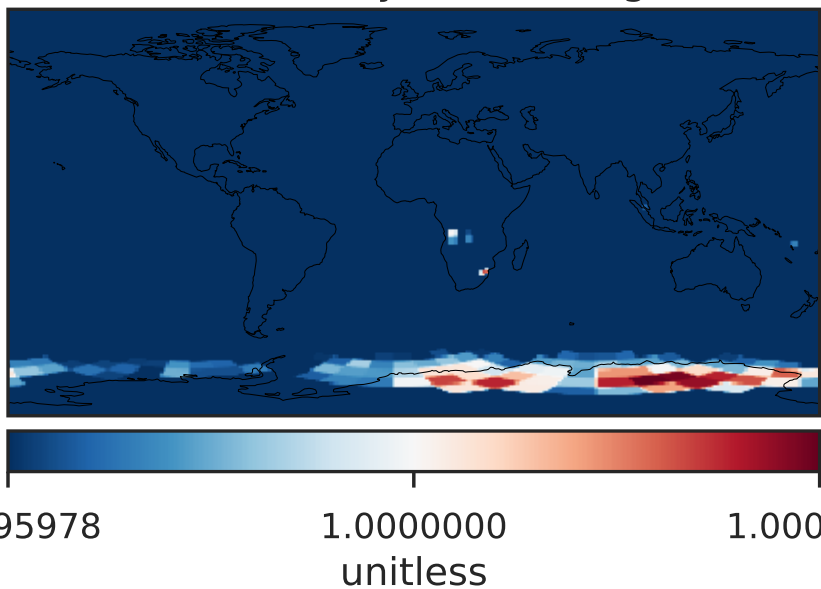
Difference (1x1.25)
Dev - Ref, Dynamic Range



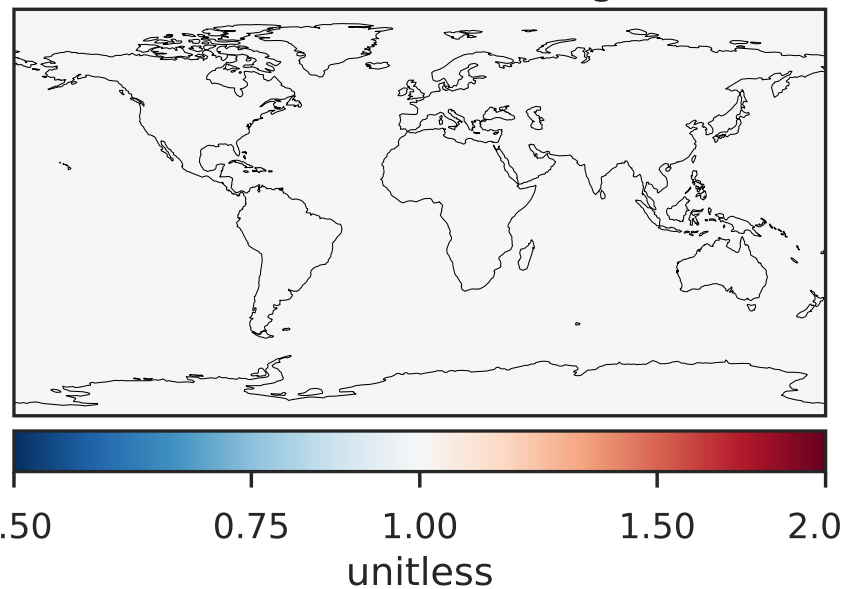
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range



Ratio (1x1.25)
Dev/Ref, Fixed Range



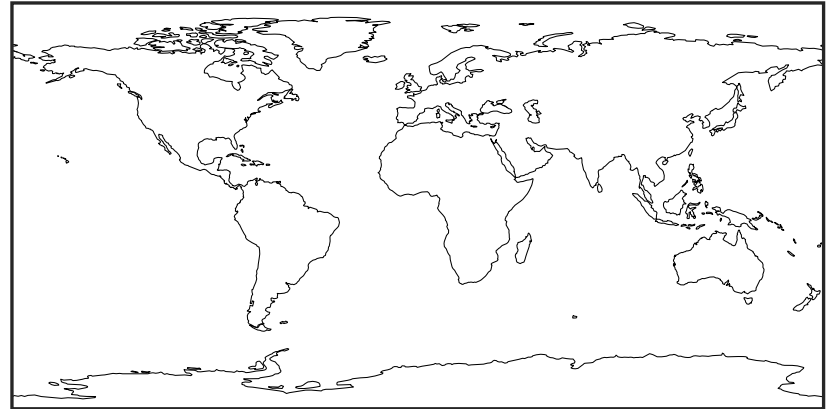
Jval_MPAN (Apr2019)

GCHP_14.0.0 (Ref)
c24



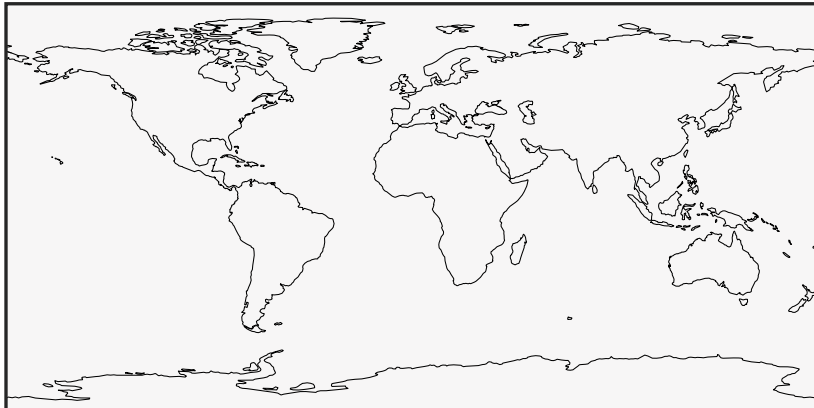
Zero throughput domain
s-1

GCHP_14.2.0 (Dev)
c24



Zero throughput domain
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



Zero throughput domain
s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



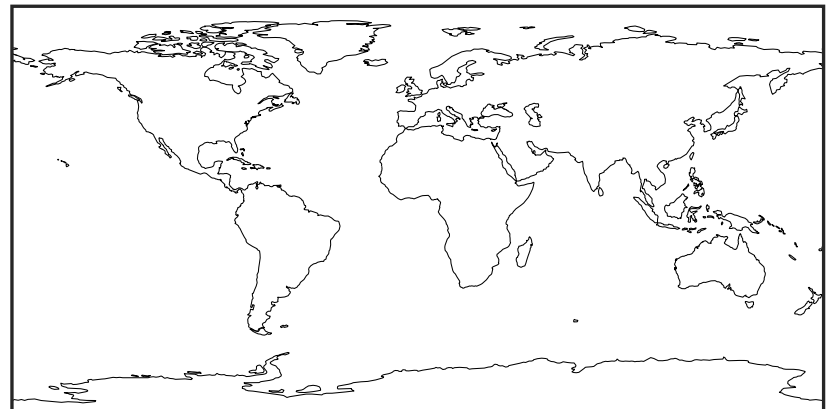
Zero throughput domain
s-1

Ratio (1x1.25)
Dev/Ref, Dynamic Range



Undefined throughput domain
unitless

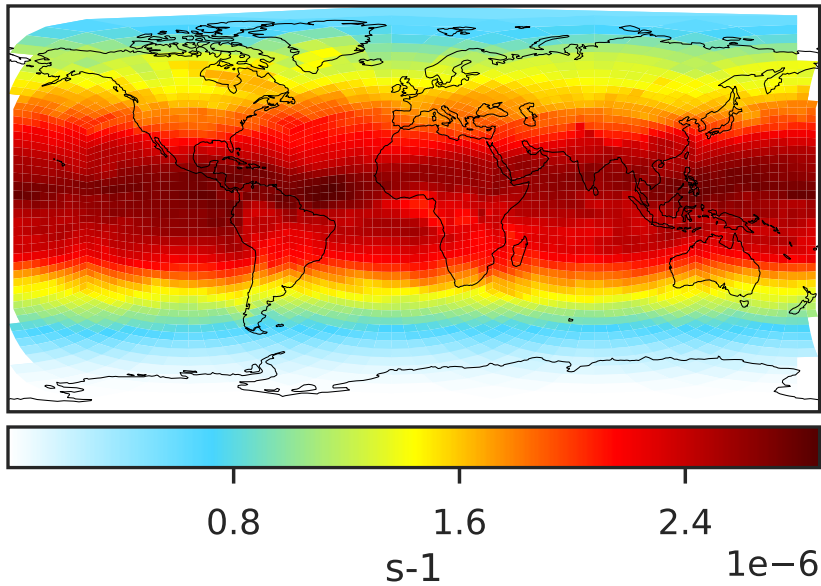
Ratio (1x1.25)
Dev/Ref, Fixed Range



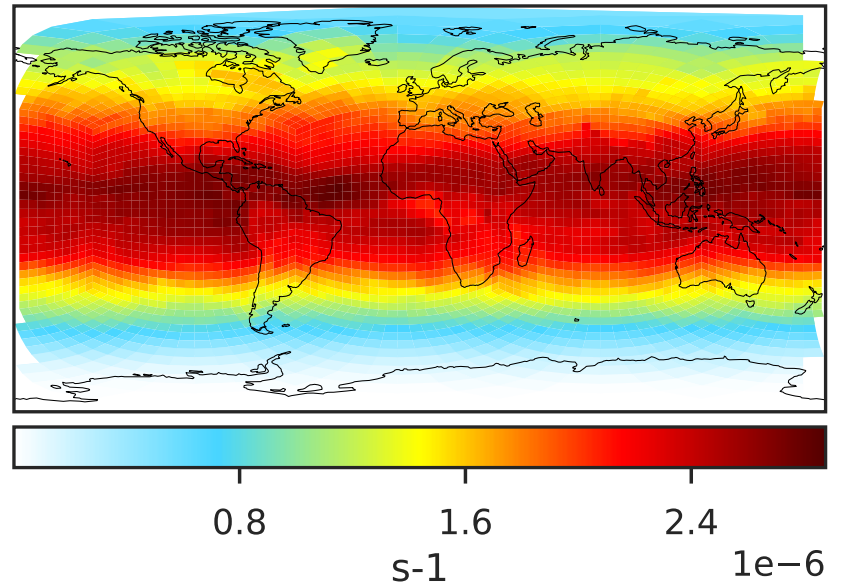
Undefined throughput domain
unitless

Jval_MPN (Apr2019)

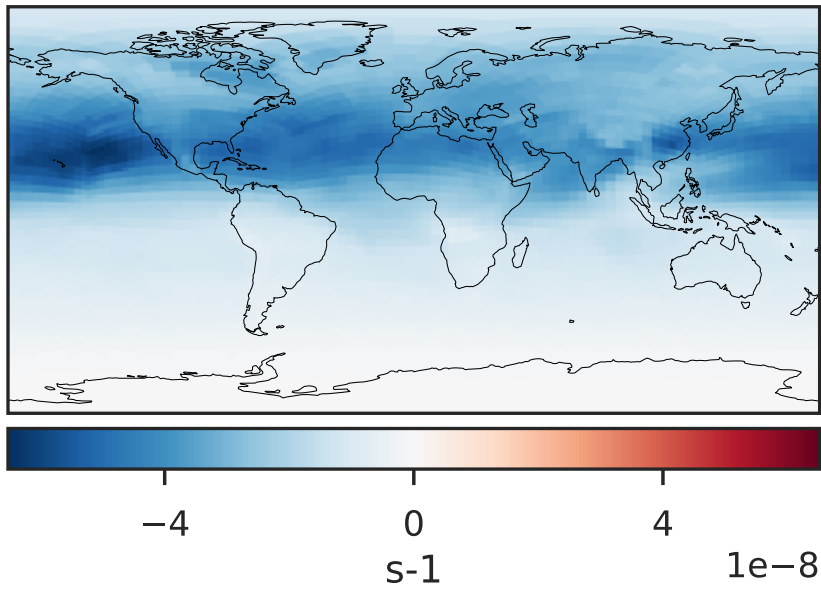
GCHP_14.0.0 (Ref)
c24



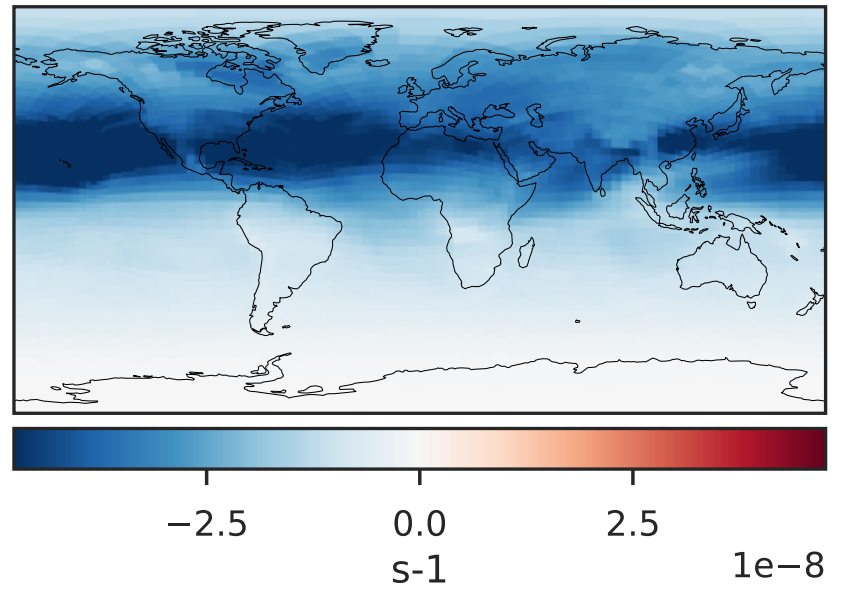
GCHP_14.2.0 (Dev)
c24



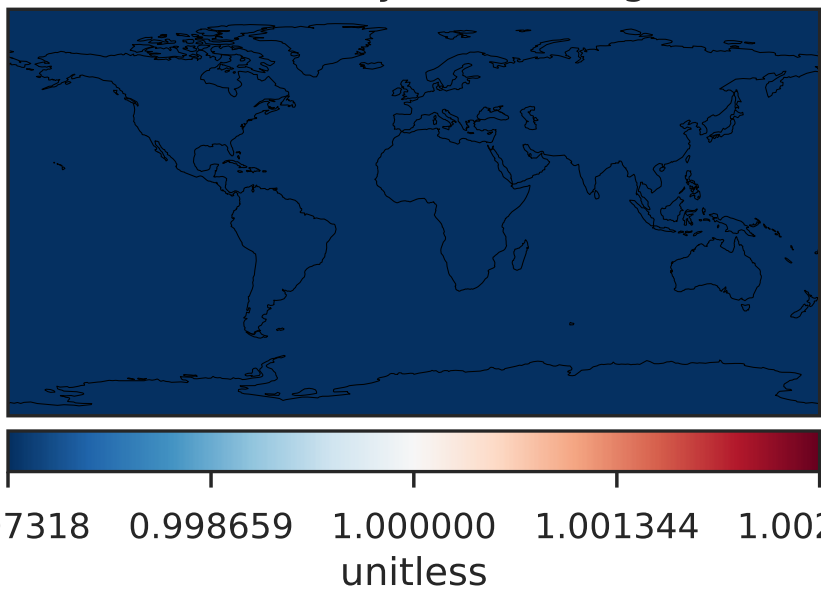
Difference (1x1.25)
Dev - Ref, Dynamic Range



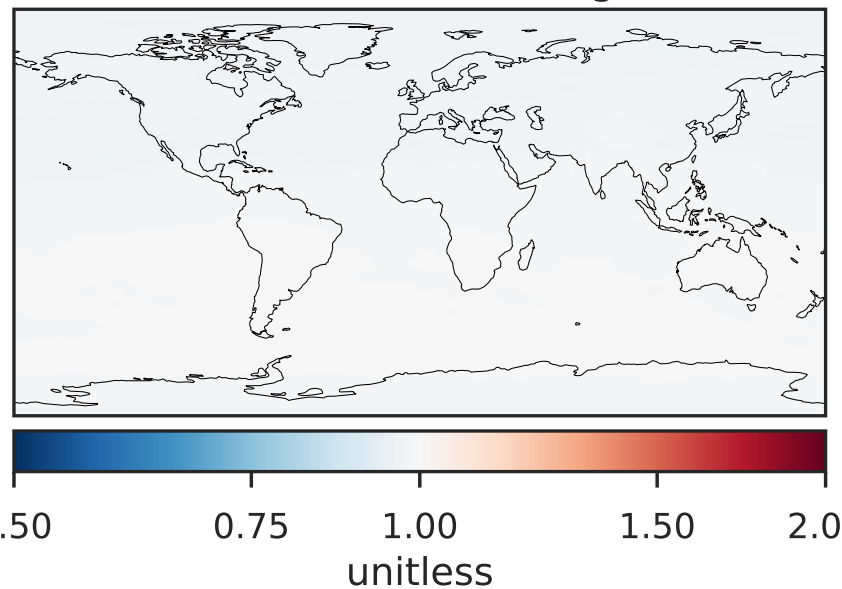
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

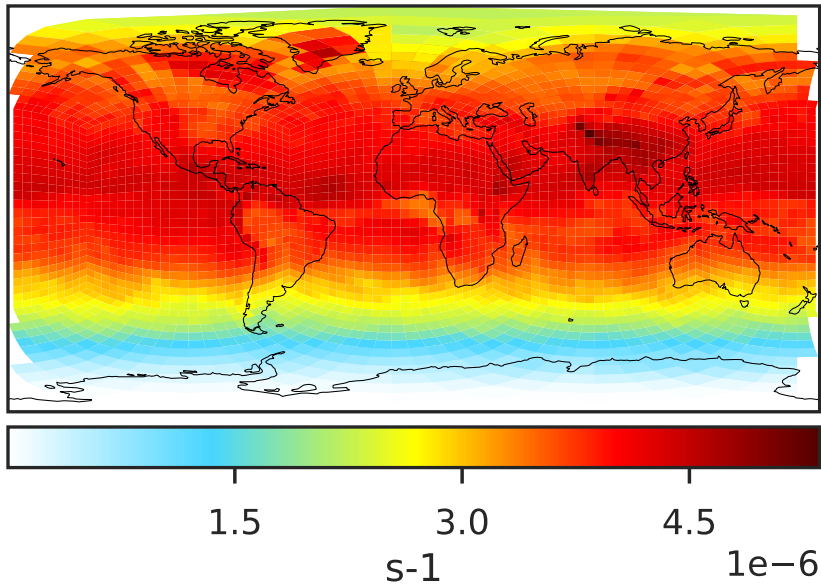


Ratio (1x1.25)
Dev/Ref, Fixed Range

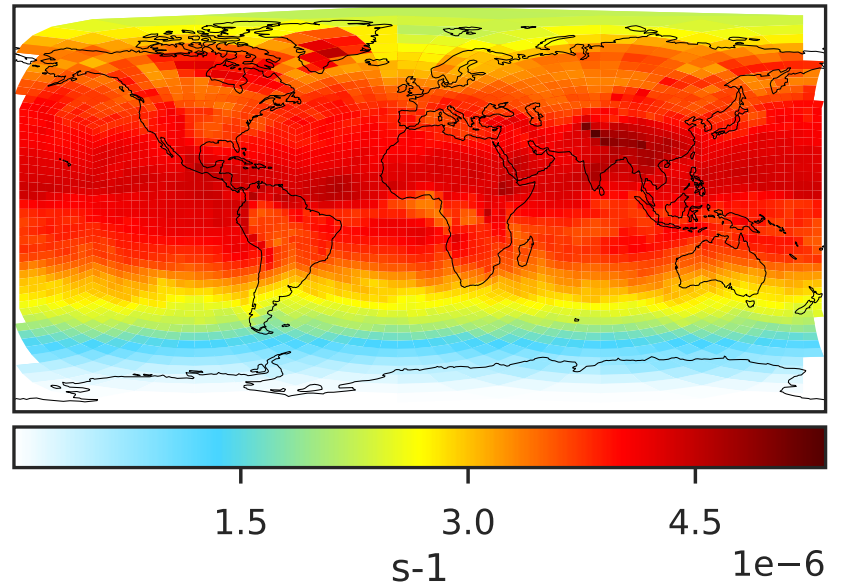


Jval_MVK (Apr2019)

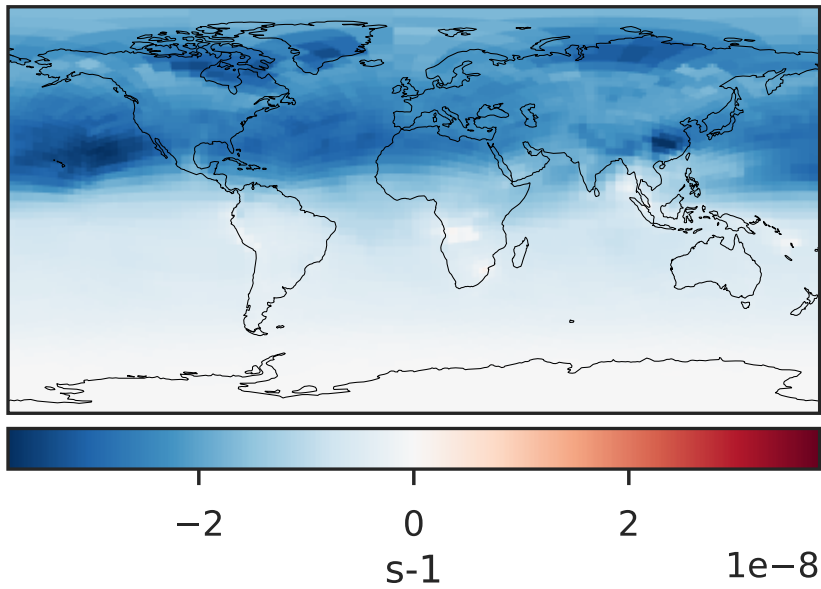
GCHP_14.0.0 (Ref)
c24



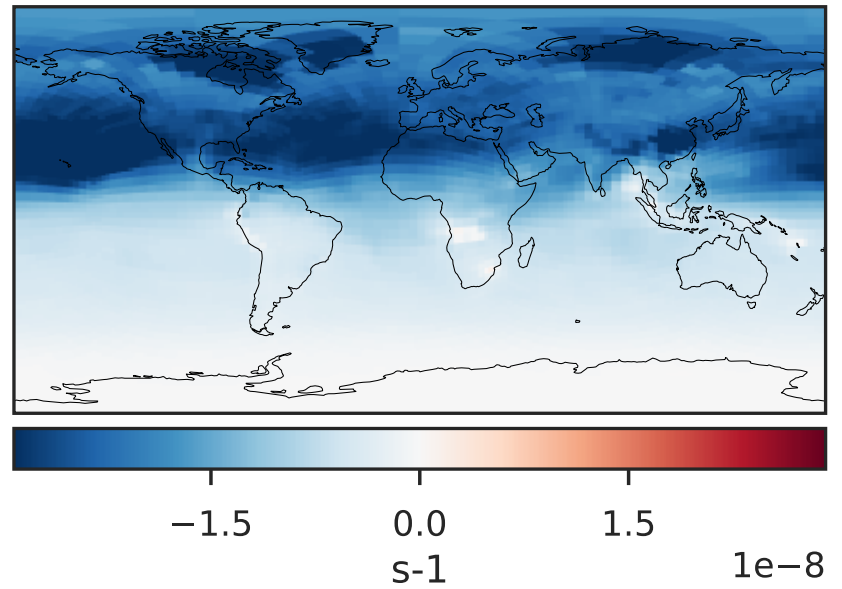
GCHP_14.2.0 (Dev)
c24



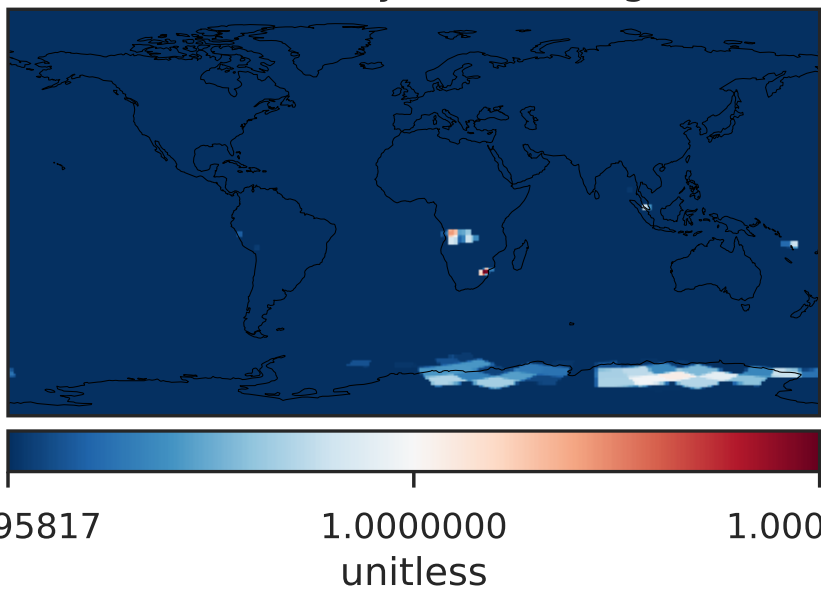
Difference (1x1.25)
Dev - Ref, Dynamic Range



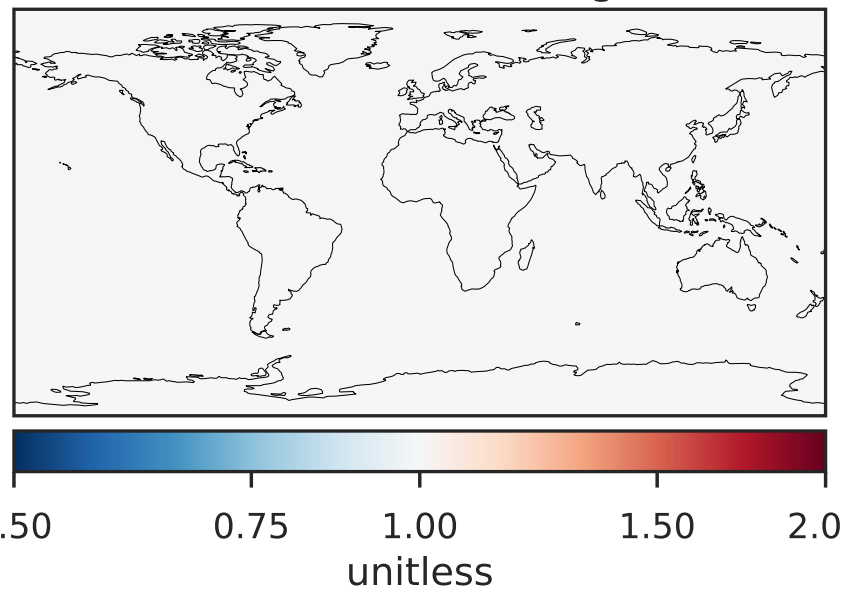
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

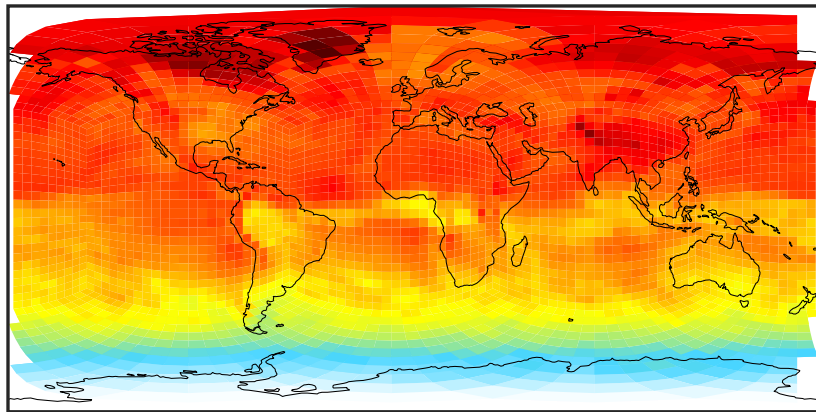


Ratio (1x1.25)
Dev/Ref, Fixed Range



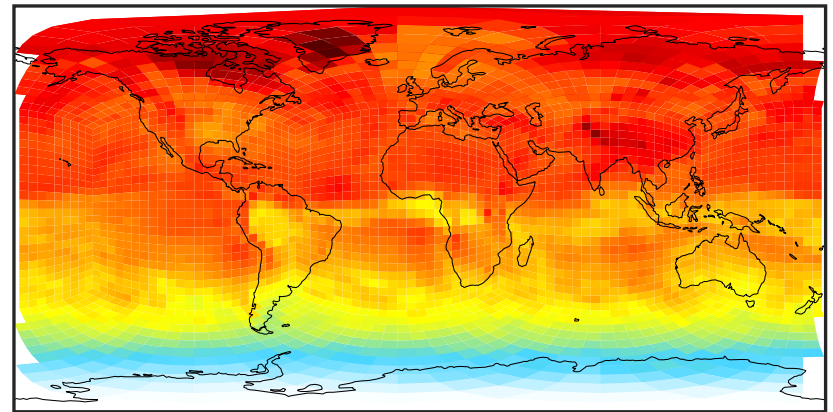
Jval_MVKHC (Apr2019)

GCHP_14.0.0 (Ref)
c24



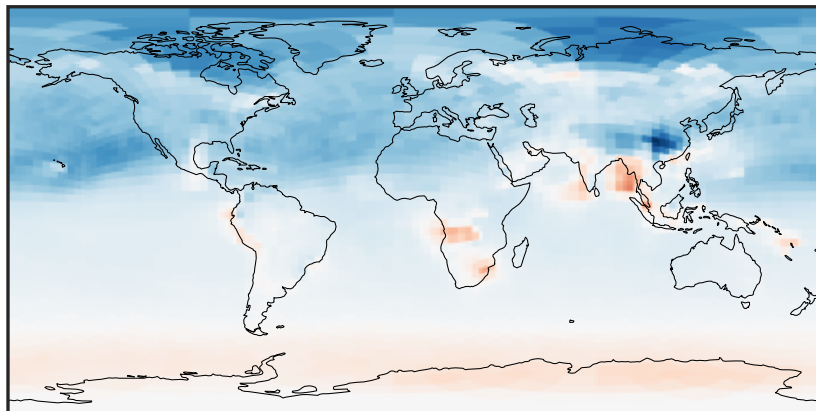
0.00006 0.00012 0.00018
s-1

GCHP_14.2.0 (Dev)
c24



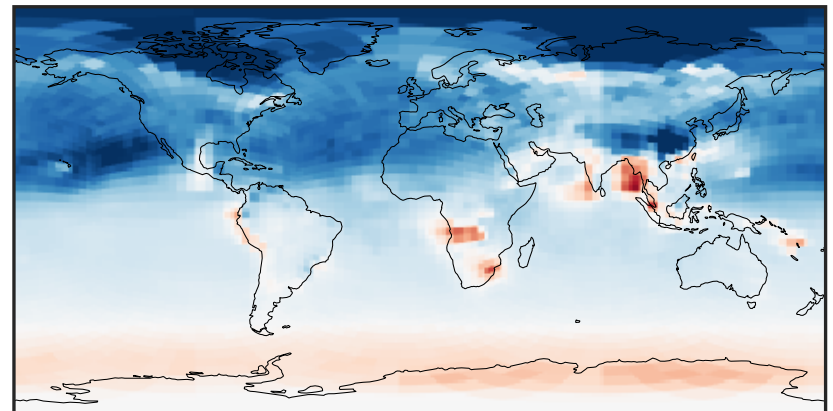
0.00006 0.00012 0.00018
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



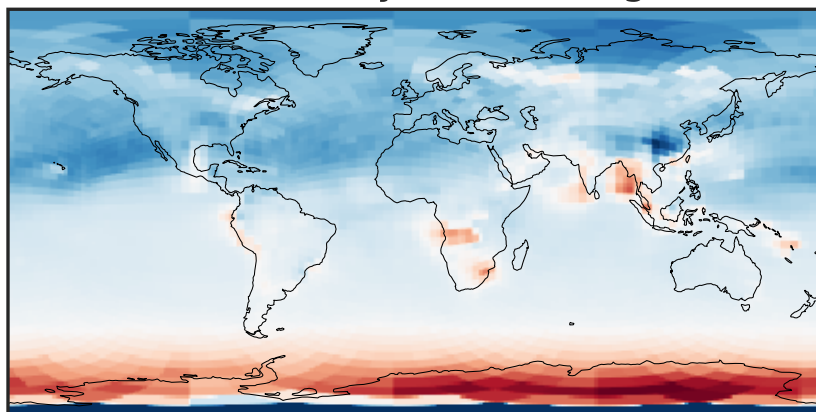
-3 0 3
s-1 1e-7

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



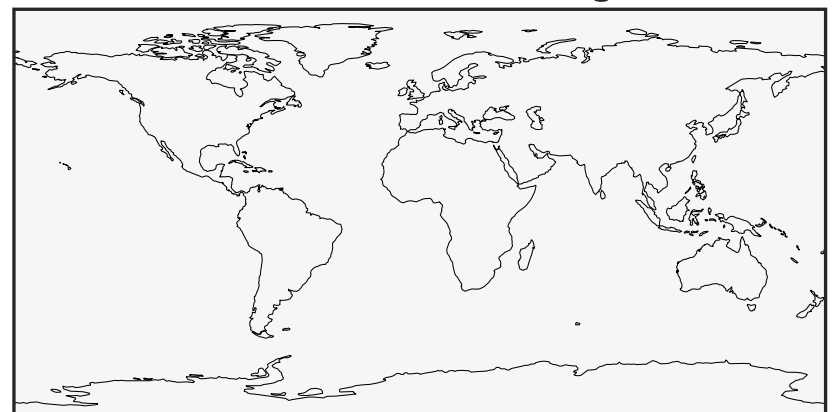
-2 0 2
s-1 1e-7

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.996755 0.998378 1.000000 1.001628 1.003255
unitless

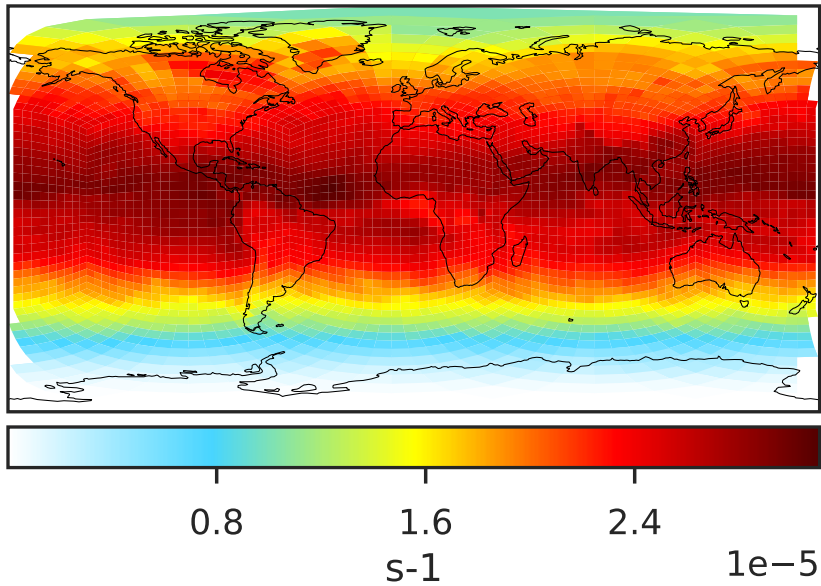
Ratio (1x1.25)
Dev/Ref, Fixed Range



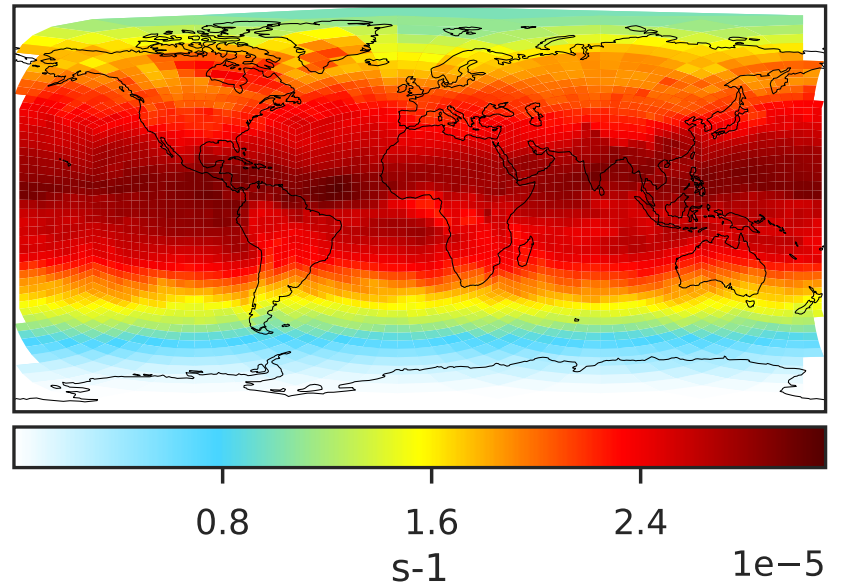
0.50 0.75 1.00 1.50 2.00
unitless

Jval_MVKHCB (Apr2019)

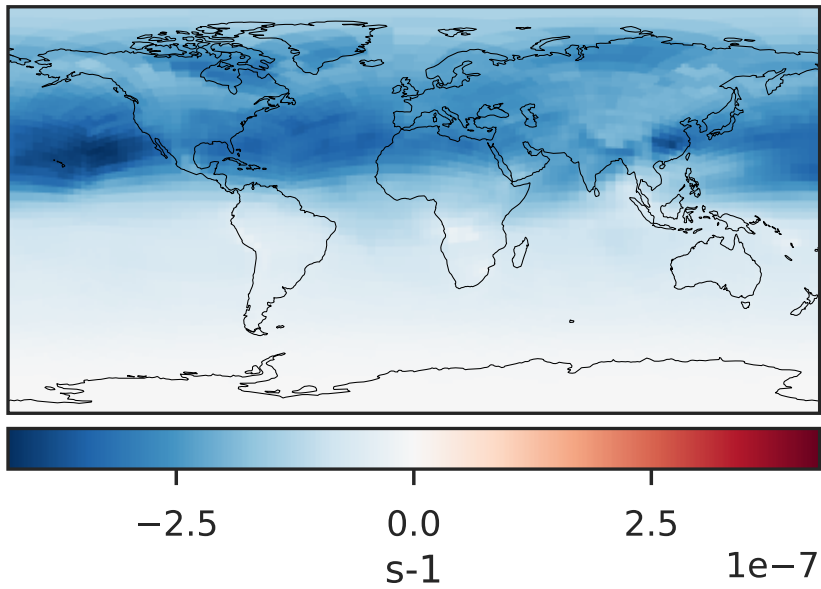
GCHP_14.0.0 (Ref)
c24



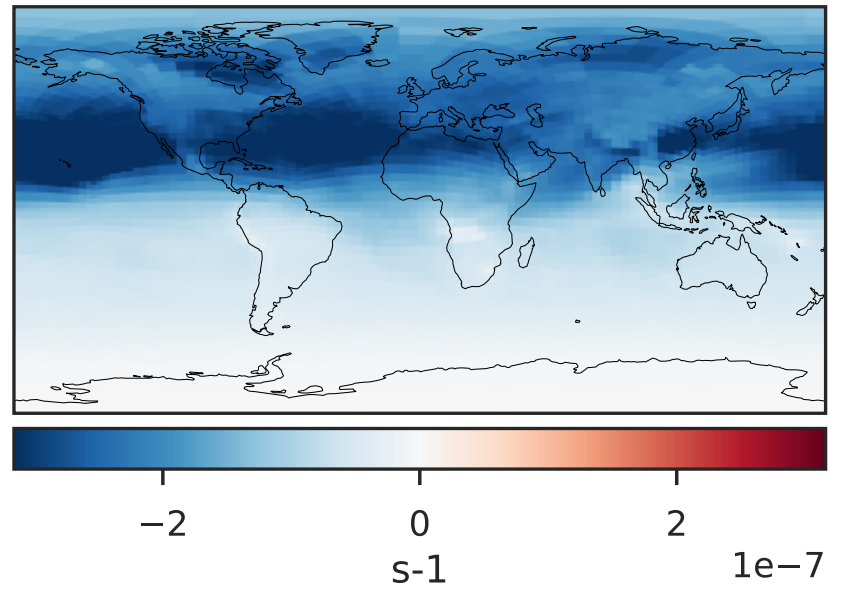
GCHP_14.2.0 (Dev)
c24



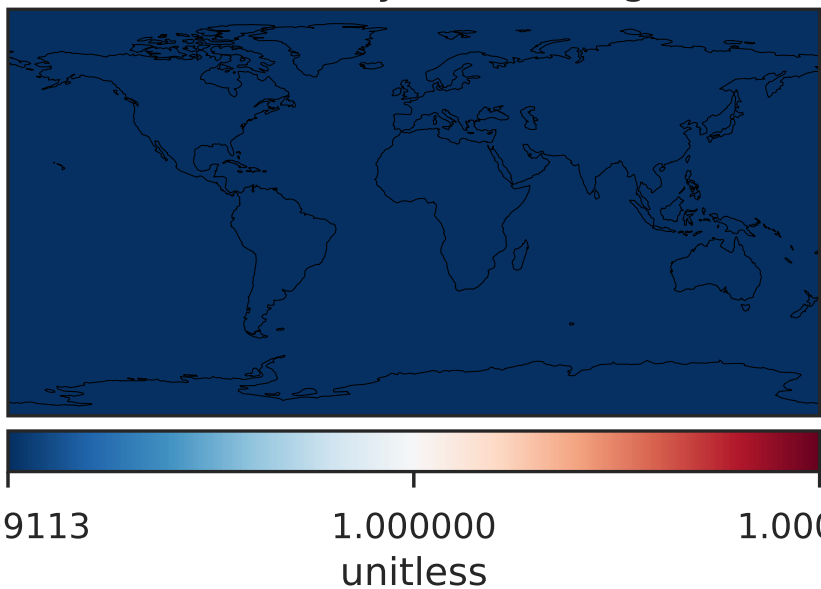
Difference (1x1.25)
Dev - Ref, Dynamic Range



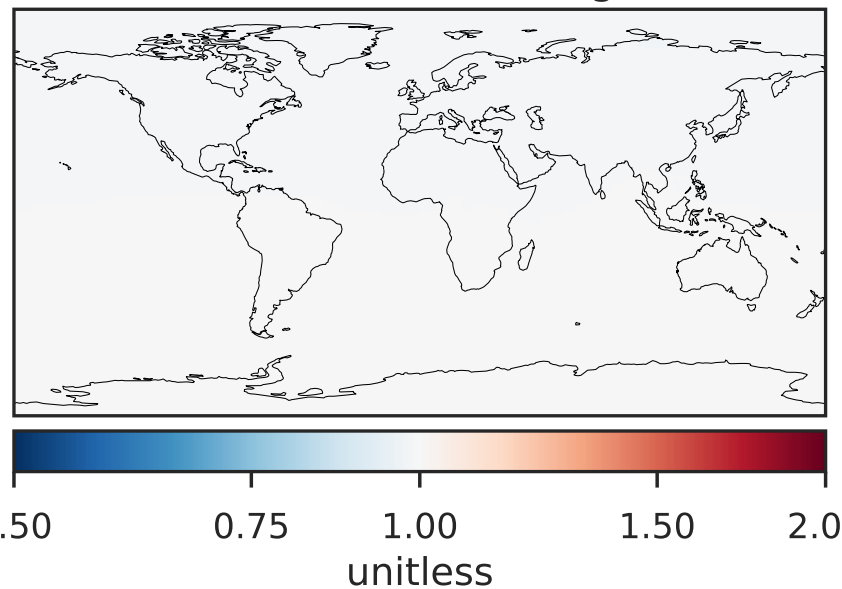
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

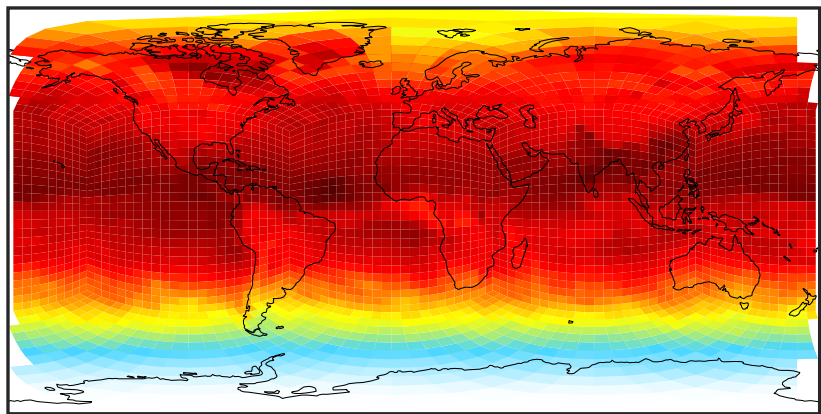


Ratio (1x1.25)
Dev/Ref, Fixed Range



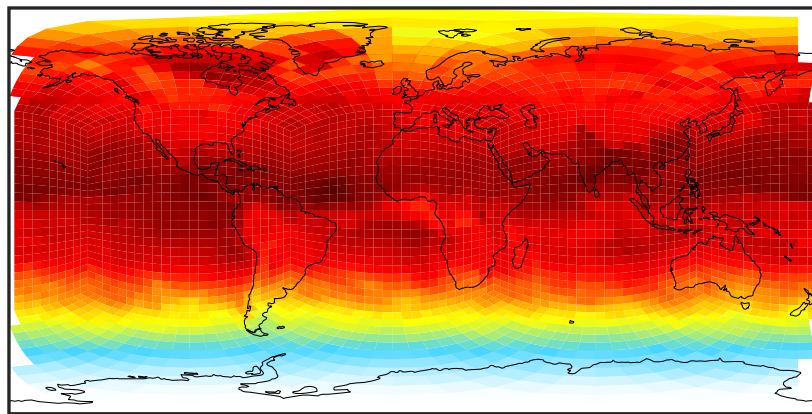
Jval_MVKHP (Apr2019)

GCHP_14.0.0 (Ref)
c24



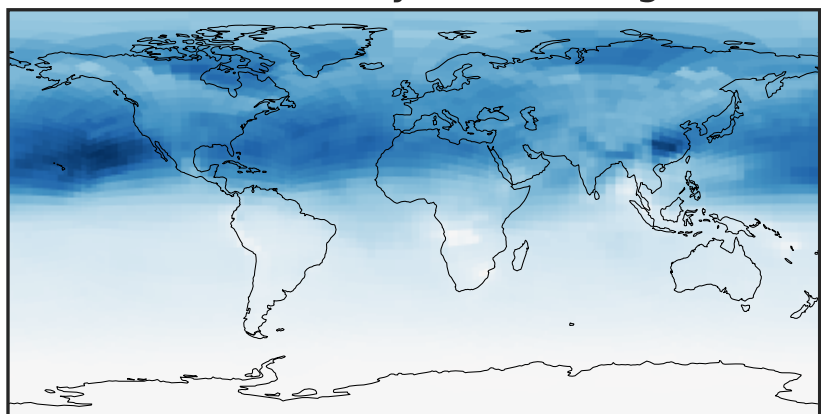
1 2 3
s-1 1e-6

GCHP_14.2.0 (Dev)
c24



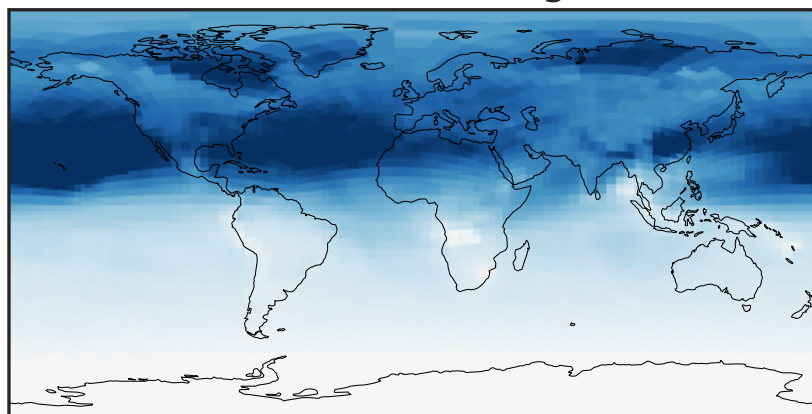
1 2 3
s-1 1e-6

Difference (1x1.25)
Dev - Ref, Dynamic Range



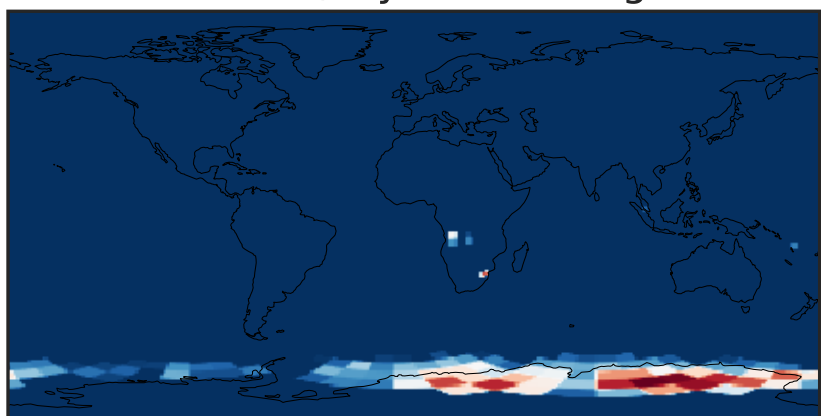
-2 0 2
s-1 1e-8

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



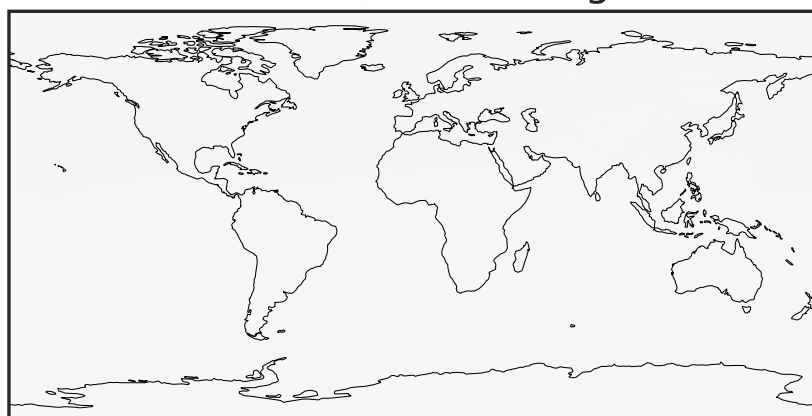
-1.5 0.0 1.5
s-1 1e-8

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.9995978 1.000000 1.0004024
unitless

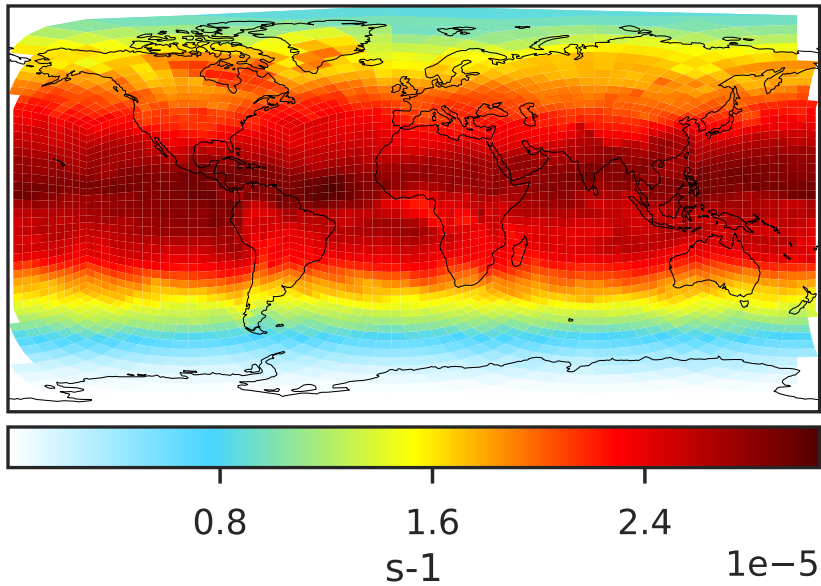
Ratio (1x1.25)
Dev/Ref, Fixed Range



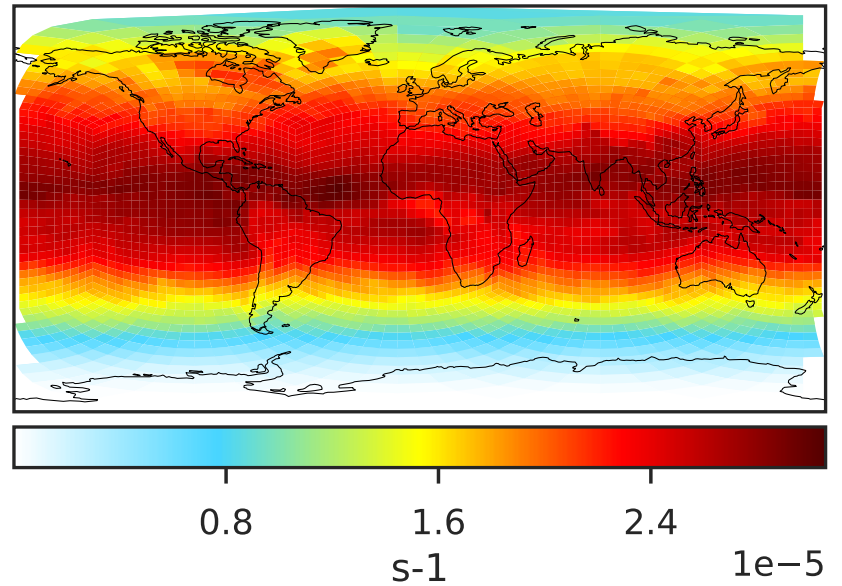
0.50 0.75 1.00 1.50 2.00
unitless

Jval_MVKN (Apr2019)

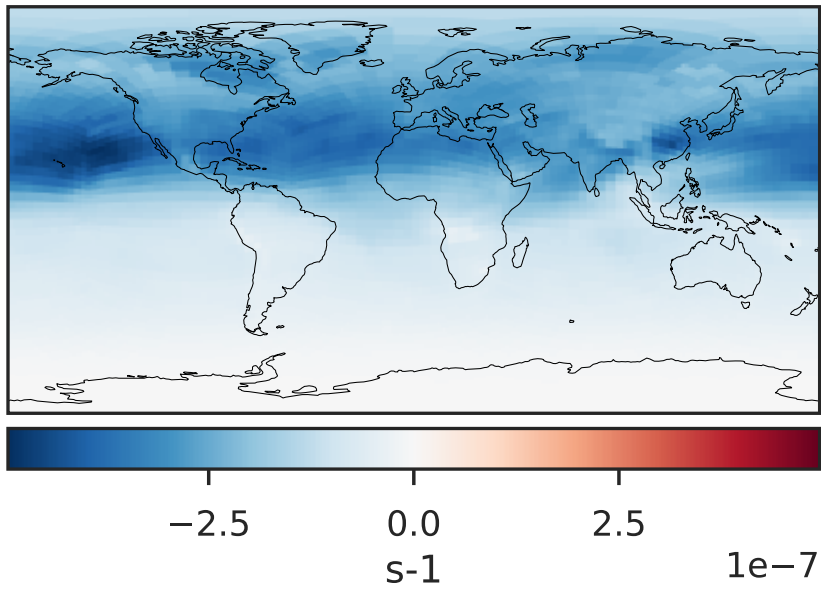
GCHP_14.0.0 (Ref)
c24



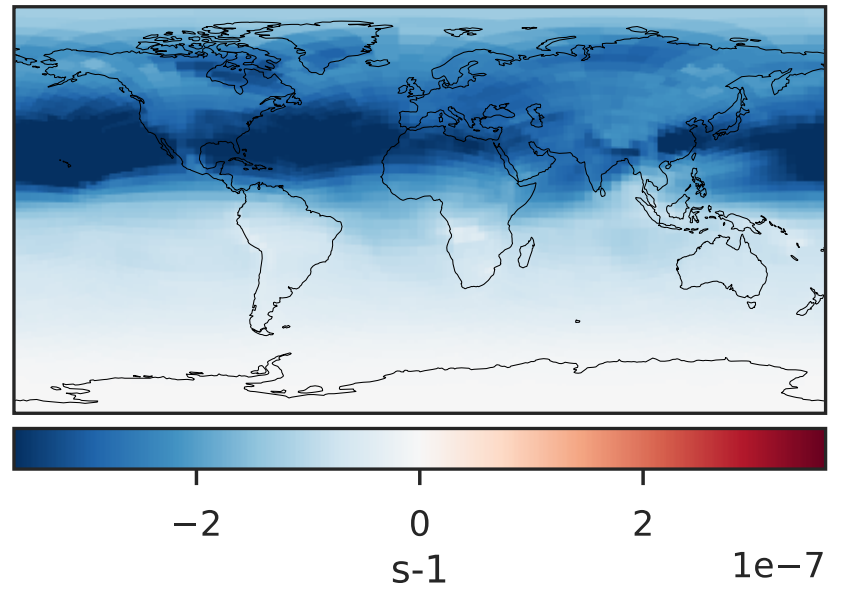
GCHP_14.2.0 (Dev)
c24



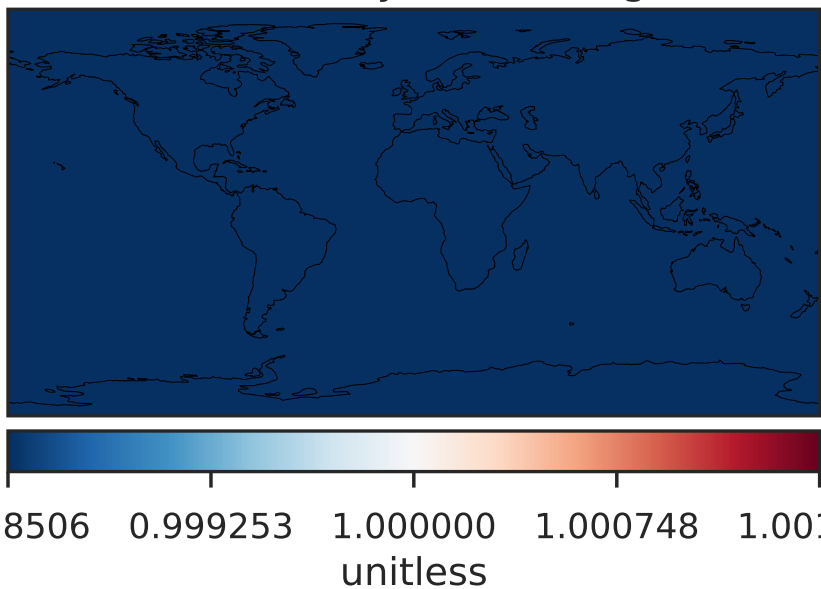
Difference (1x1.25)
Dev - Ref, Dynamic Range



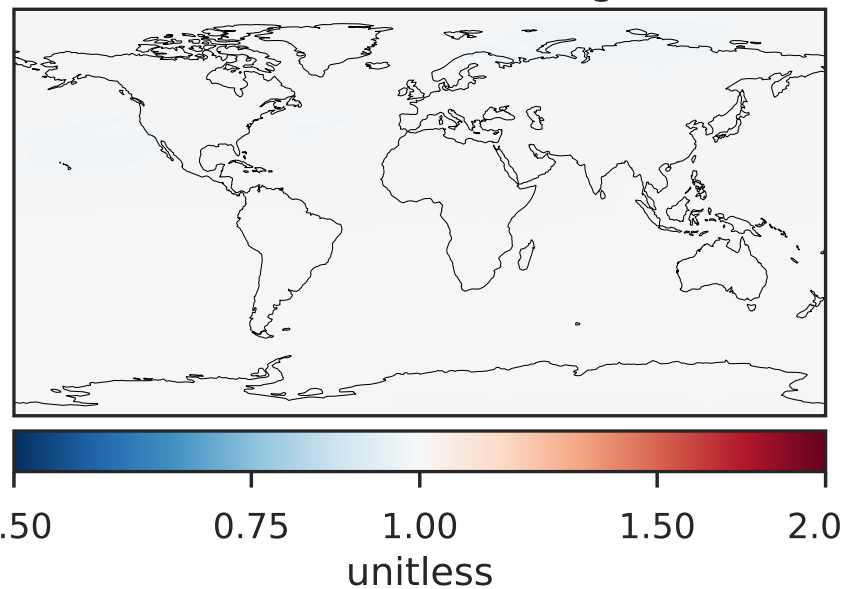
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

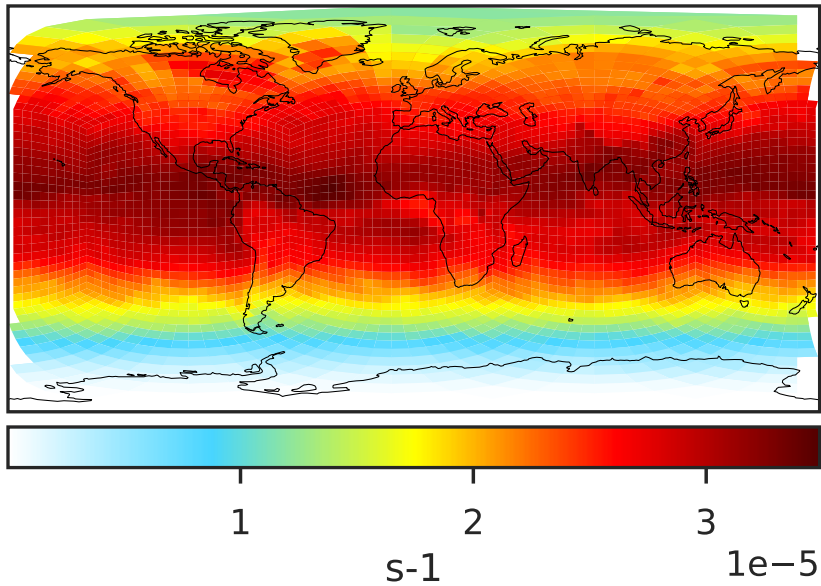


Ratio (1x1.25)
Dev/Ref, Fixed Range

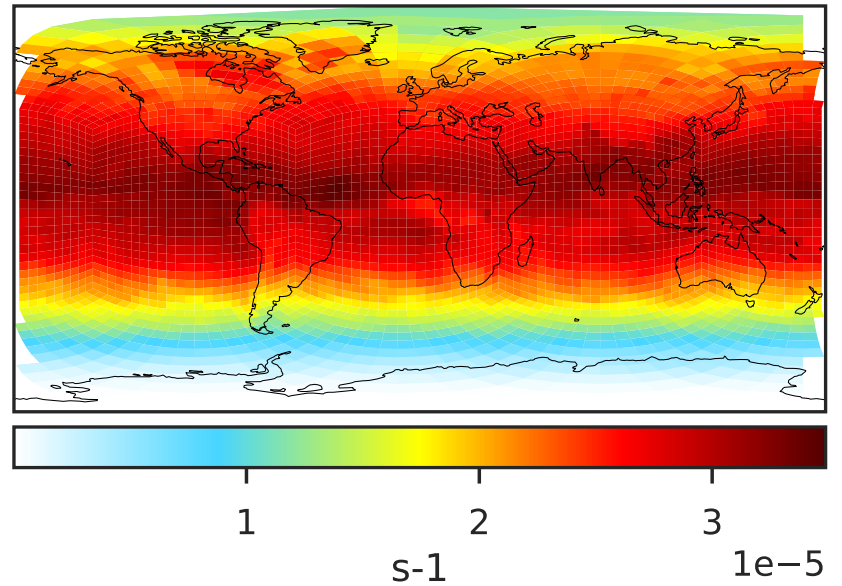


Jval_MVKPC (Apr2019)

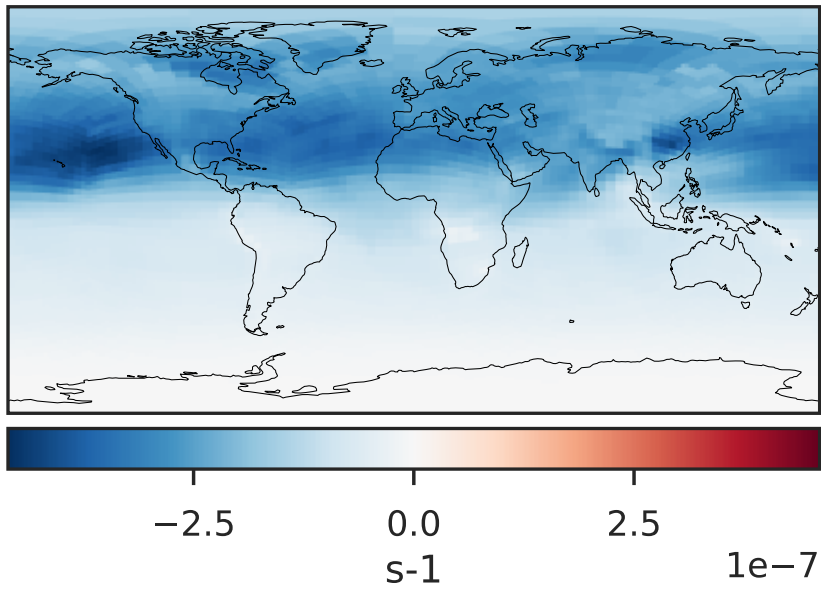
GCHP_14.0.0 (Ref)
c24



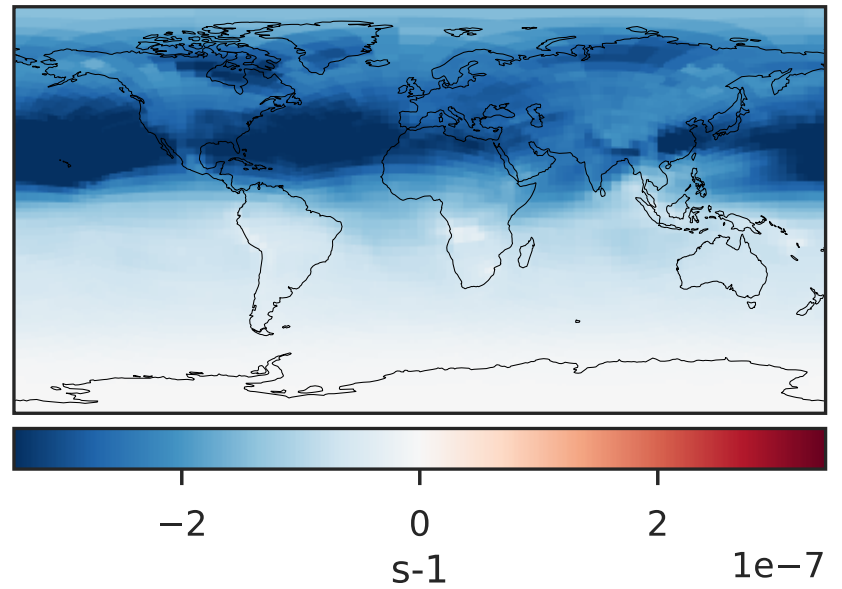
GCHP_14.2.0 (Dev)
c24



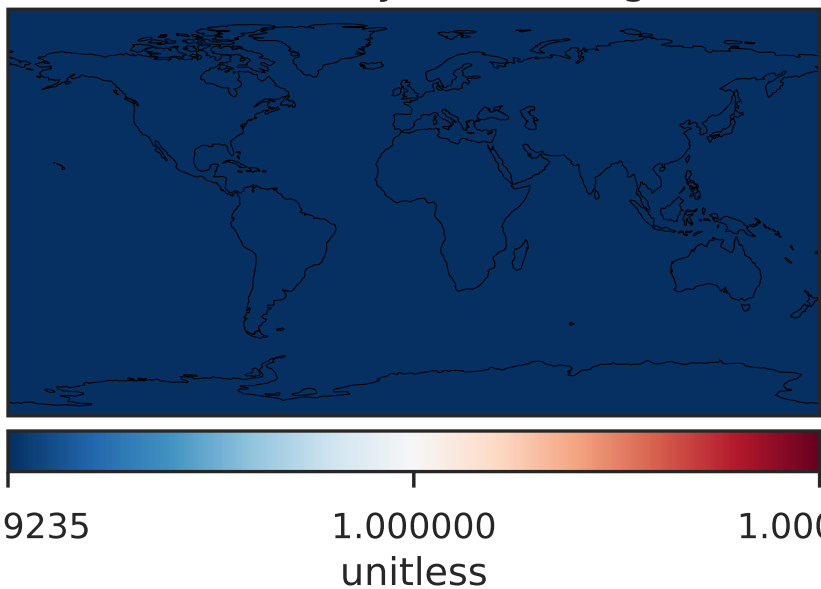
Difference (1x1.25)
Dev - Ref, Dynamic Range



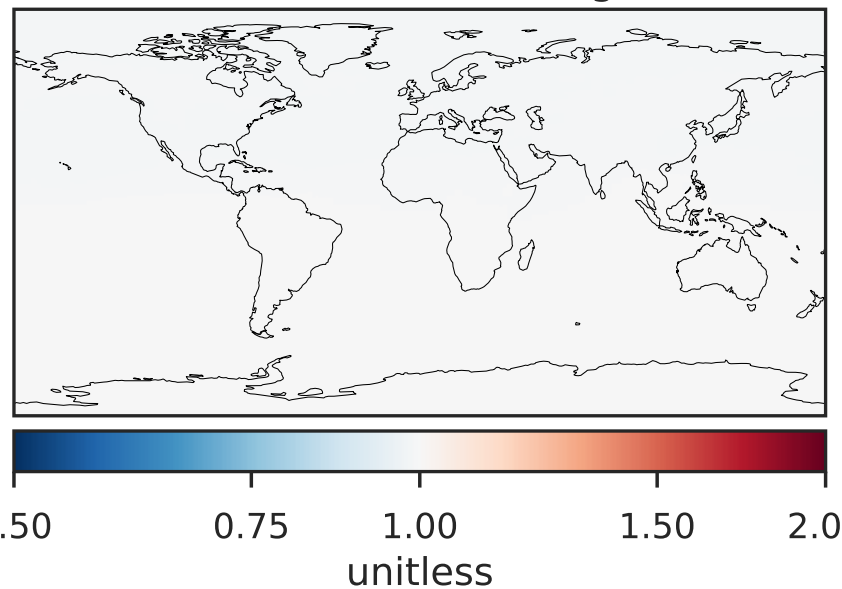
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

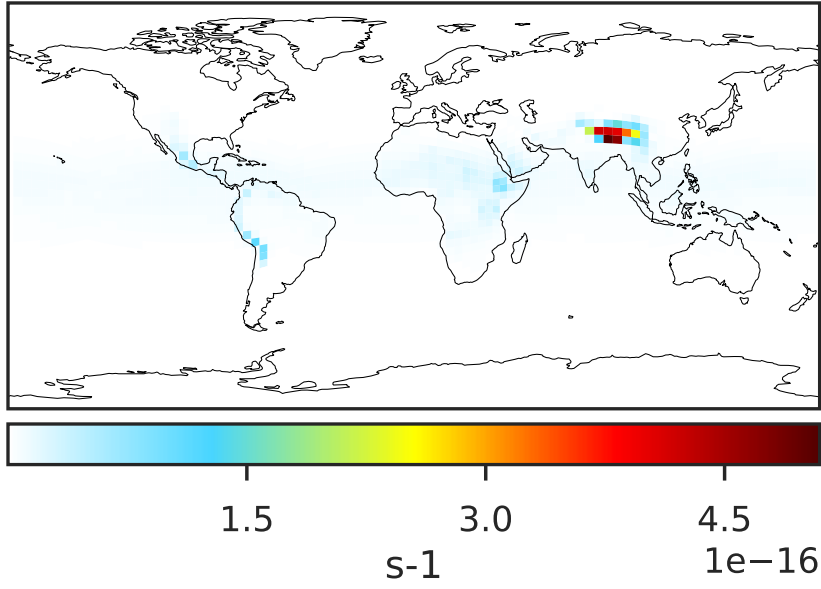


Ratio (1x1.25)
Dev/Ref, Fixed Range

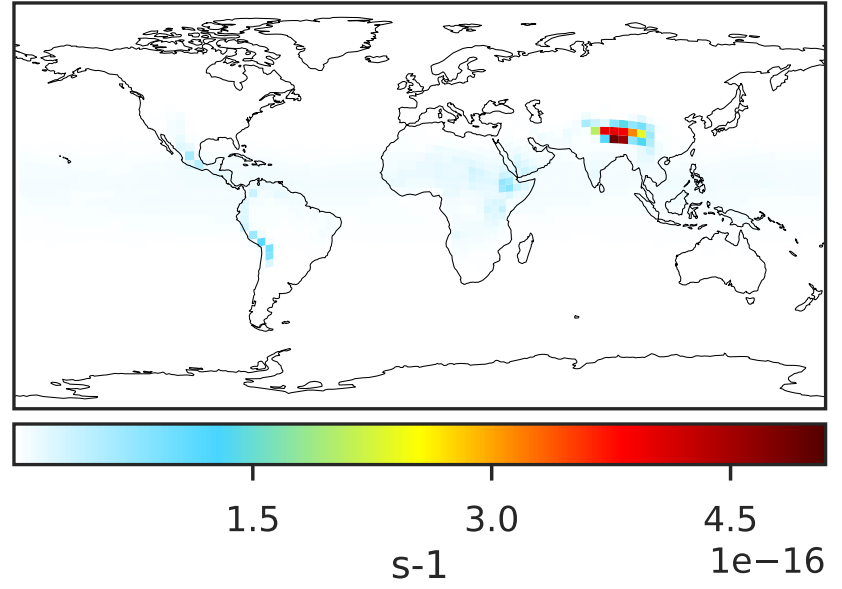


Jval_N2O (Apr2019)

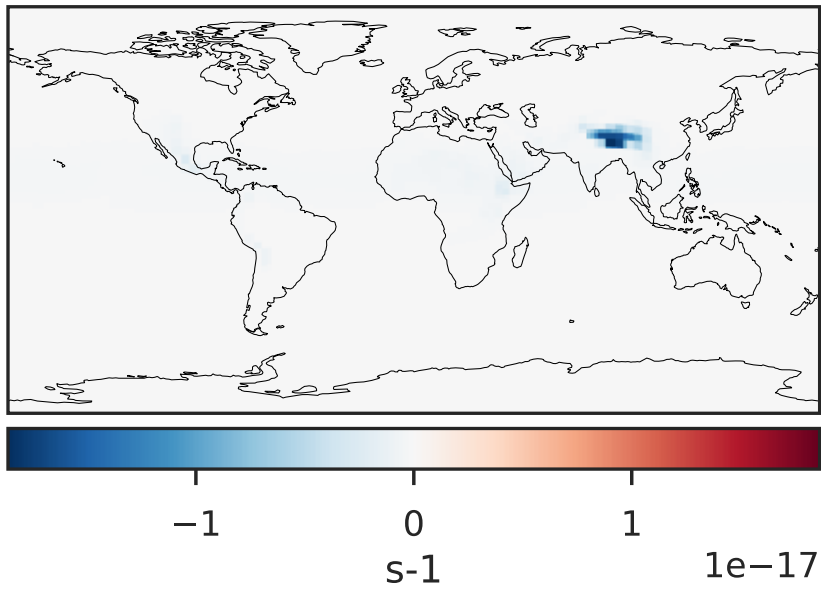
GCHP_14.0.0 (Ref)
c24



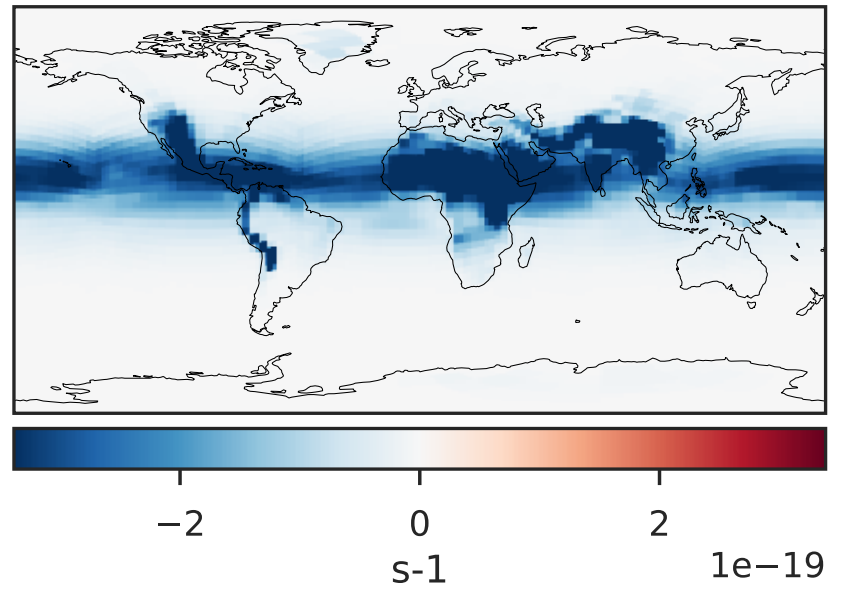
GCHP_14.2.0 (Dev)
c24



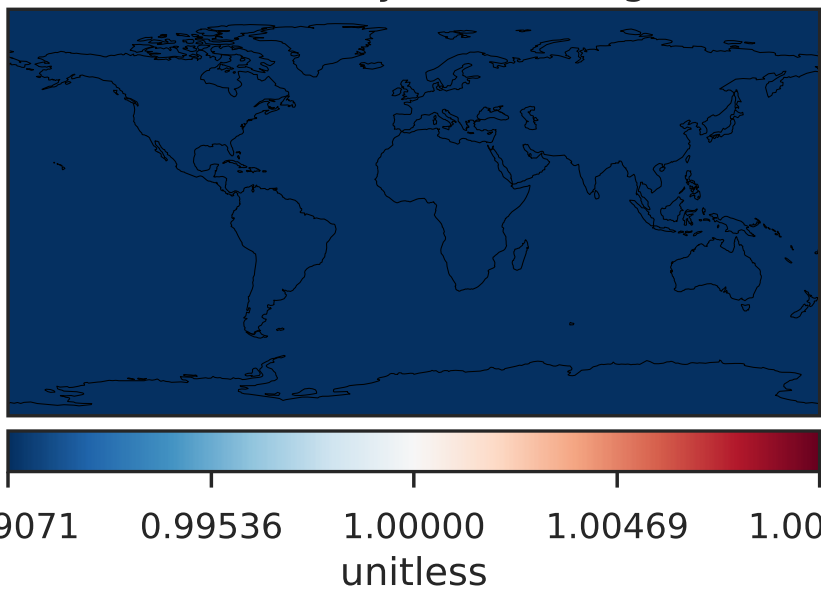
Difference (1x1.25)
Dev - Ref, Dynamic Range



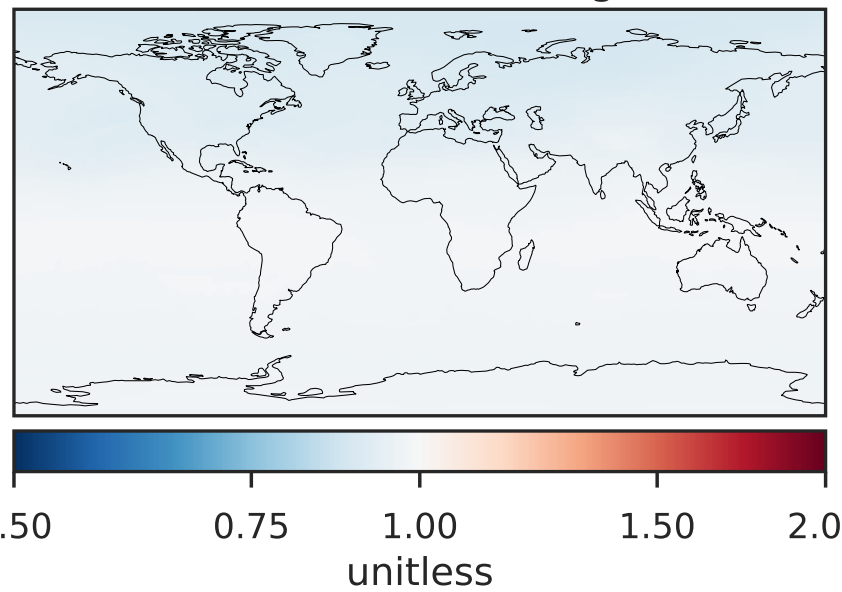
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

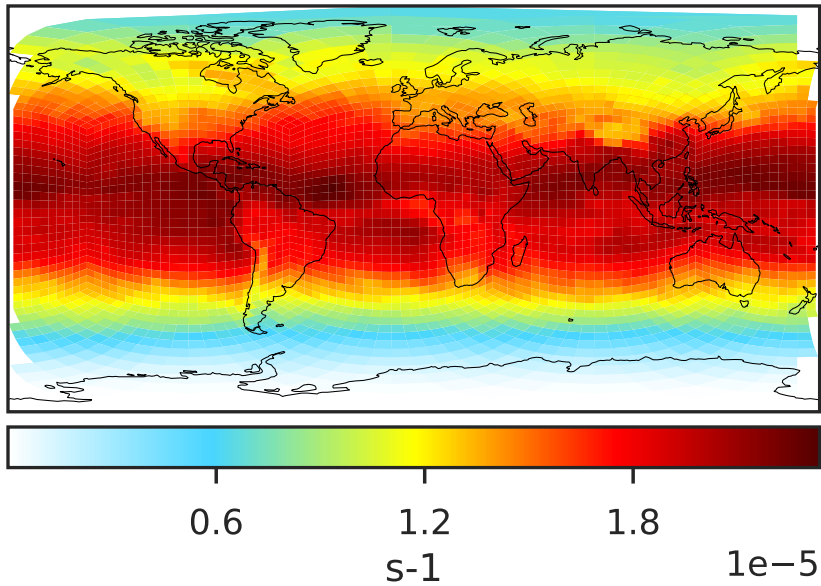


Ratio (1x1.25)
Dev/Ref, Fixed Range

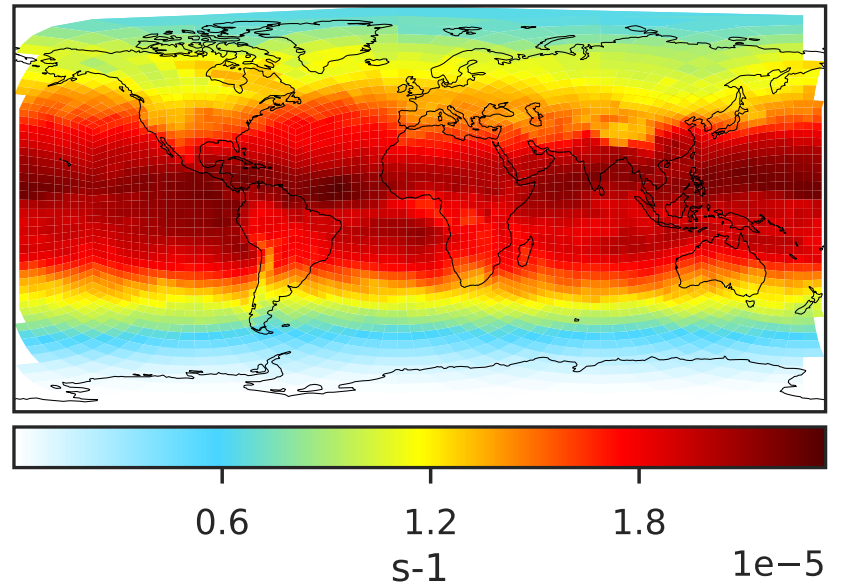


Jval_N2O5 (Apr2019)

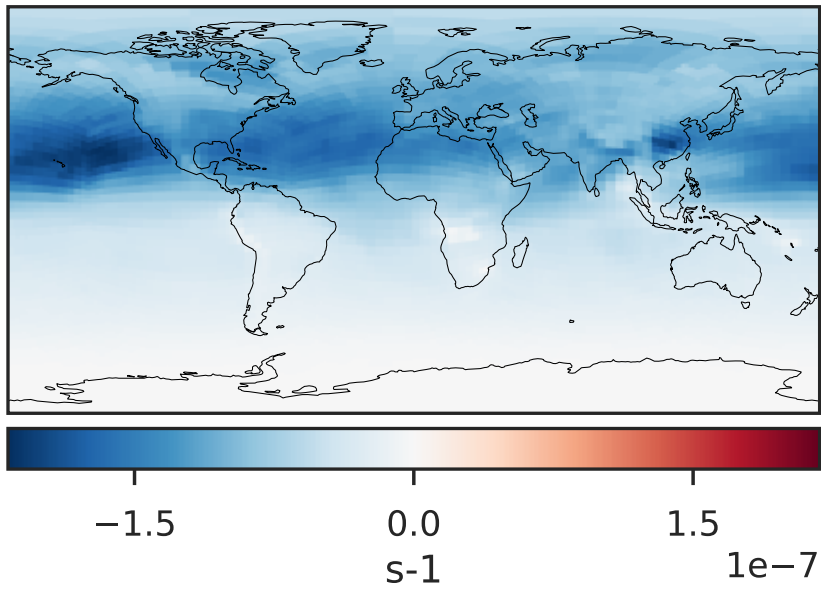
GCHP_14.0.0 (Ref)
c24



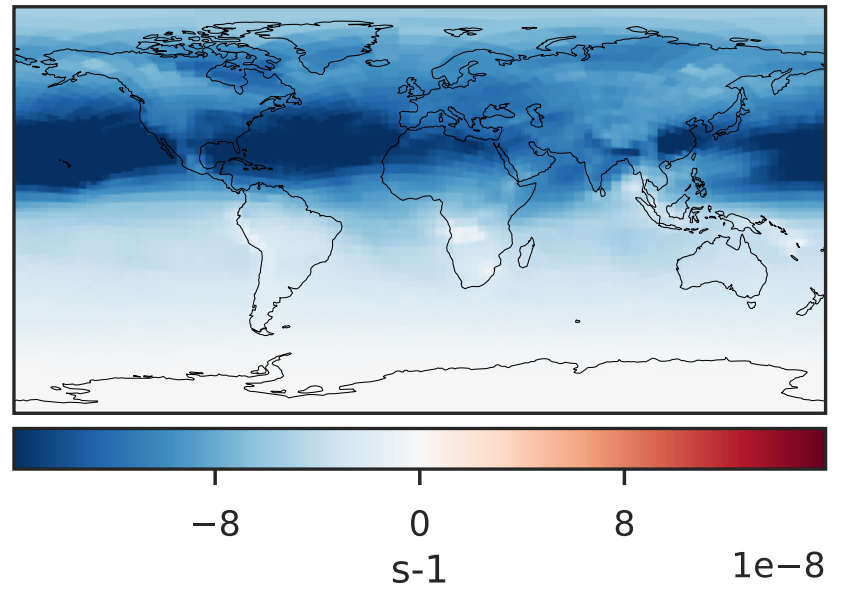
GCHP_14.2.0 (Dev)
c24



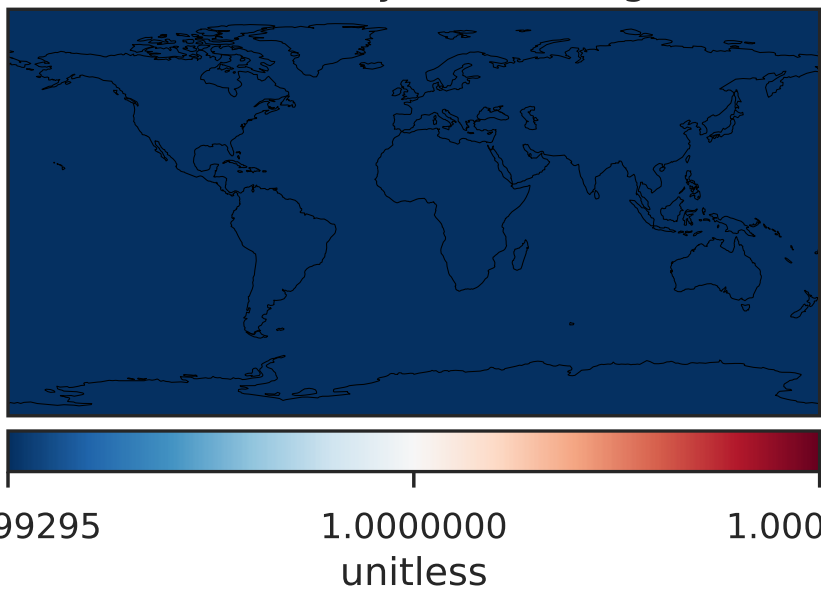
Difference (1x1.25)
Dev - Ref, Dynamic Range



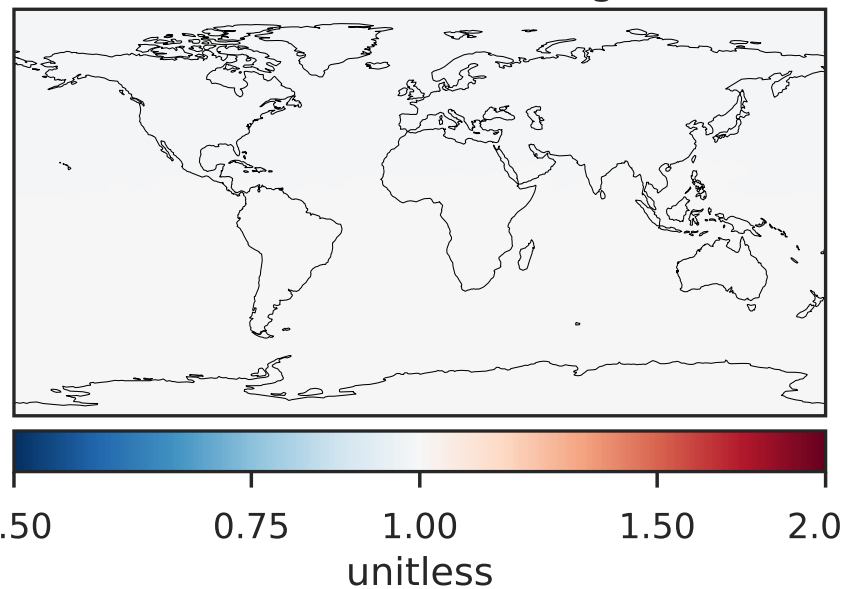
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range



Ratio (1x1.25)
Dev/Ref, Fixed Range



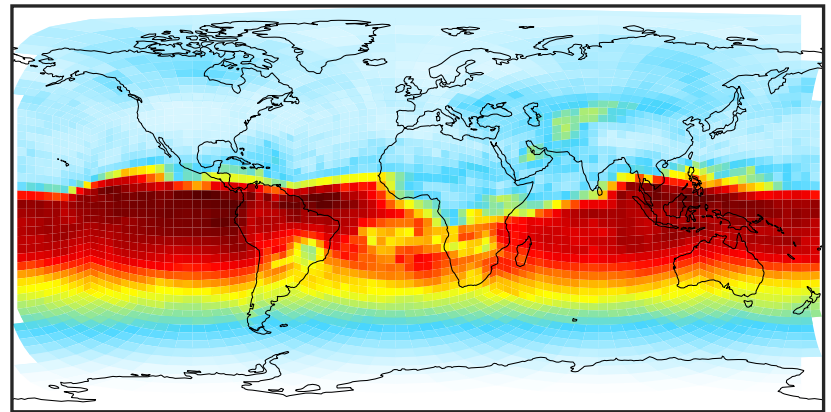
Jval_NIT (Apr2019)

GCHP_14.0.0 (Ref)
c24



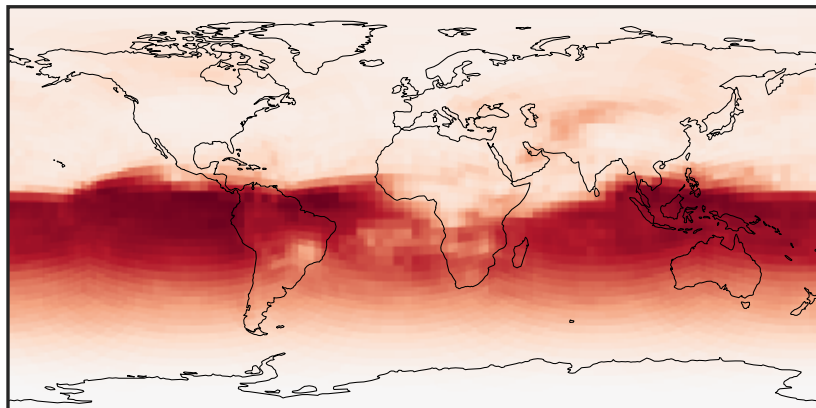
Zero throughout domain
s-1

GCHP_14.2.0 (Dev)
c24



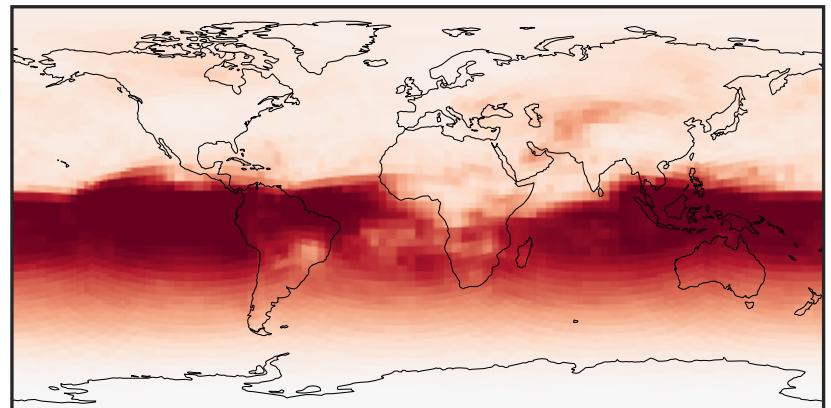
0 1 2 3
s-1 $1e-5$

Difference (1x1.25)
Dev - Ref, Dynamic Range



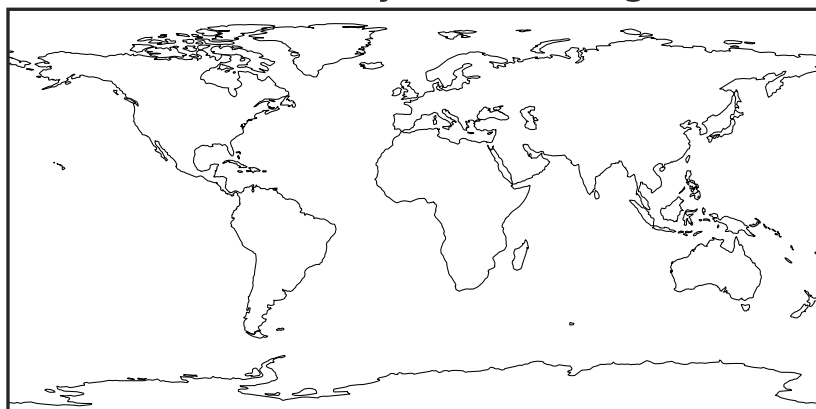
-2 0 2
s-1 $1e-5$

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



-2 0 2
s-1 $1e-5$

Ratio (1x1.25)
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

Ratio (1x1.25)
Dev/Ref, Fixed Range



Undefined throughout domain
unitless

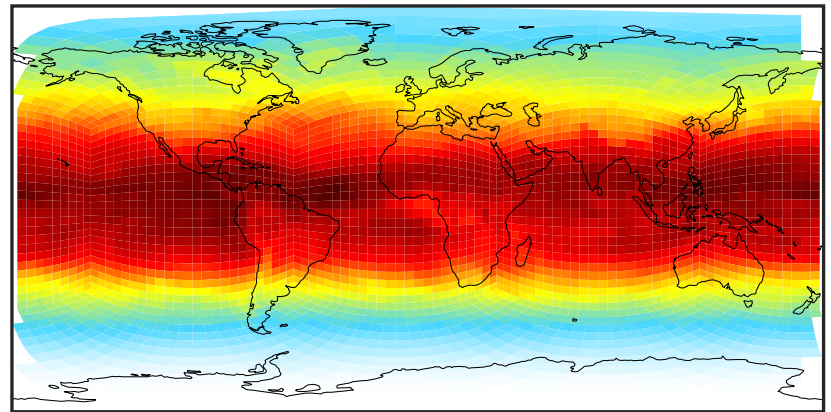
Jval_NITs (Apr2019)

GCHP_14.0.0 (Ref)
c24



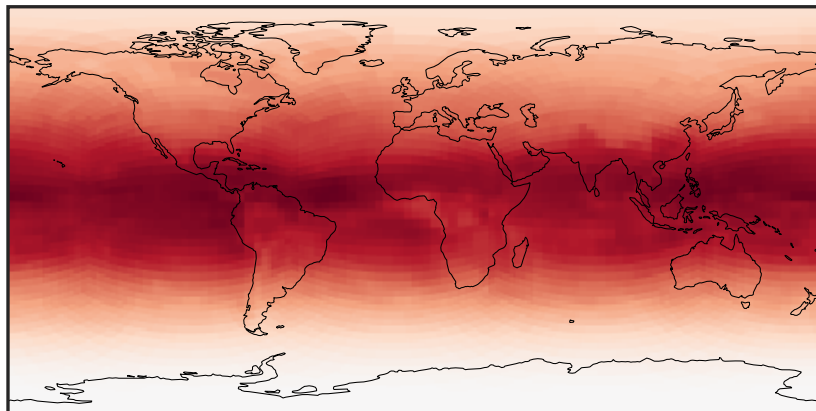
Zero throughput domain
s-1

GCHP_14.2.0 (Dev)
c24



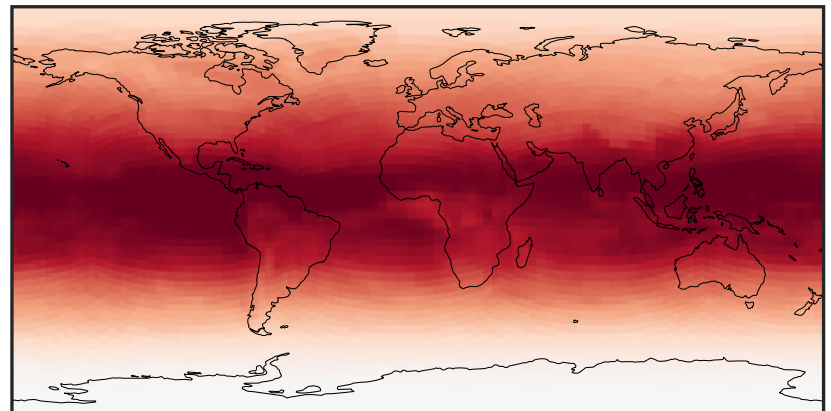
0 1 2 3
s-1 1e-5

Difference (1x1.25)
Dev - Ref, Dynamic Range



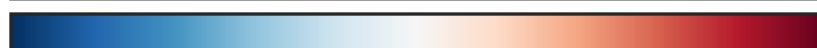
-2 0 2
s-1 1e-5

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



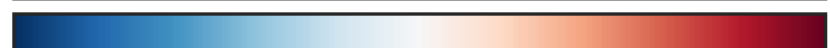
-2 0 2
s-1 1e-5

Ratio (1x1.25)
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

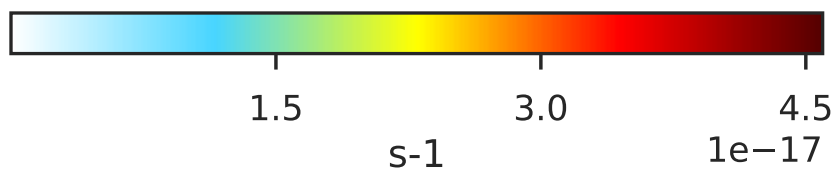
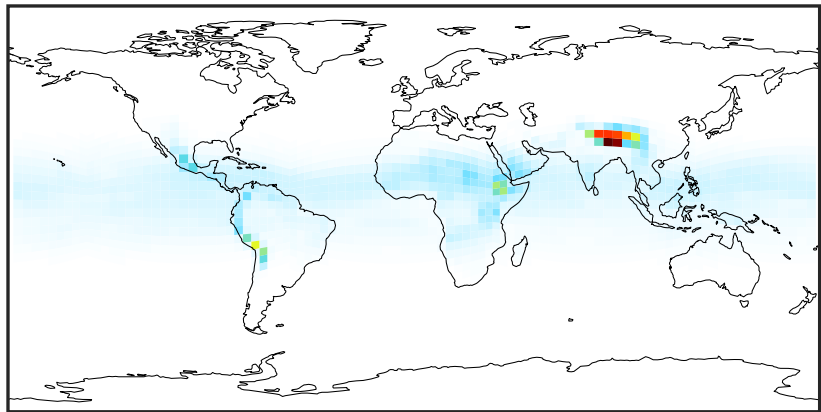
Ratio (1x1.25)
Dev/Ref, Fixed Range



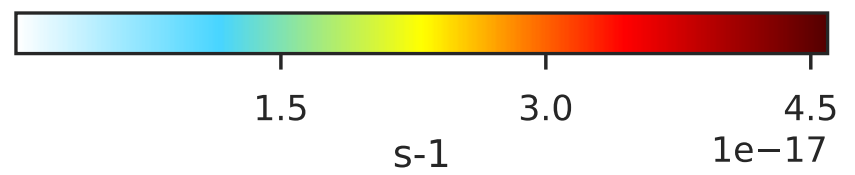
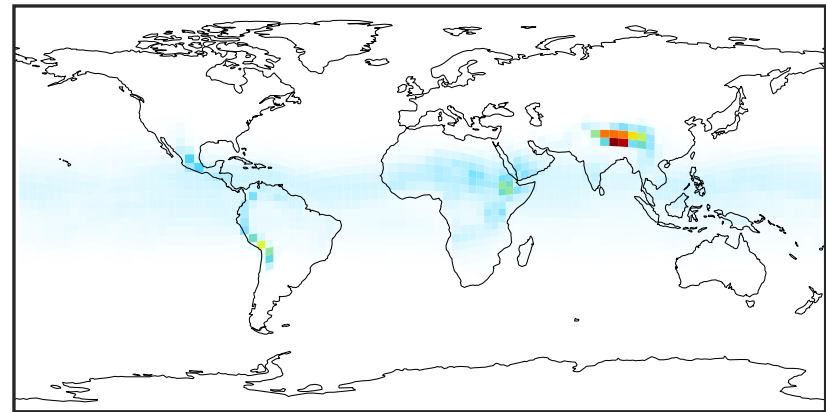
Undefined throughout domain
unitless

Jval_NO (Apr2019)

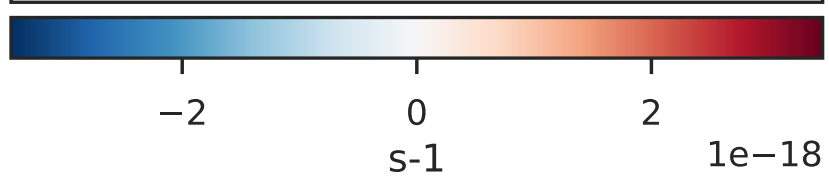
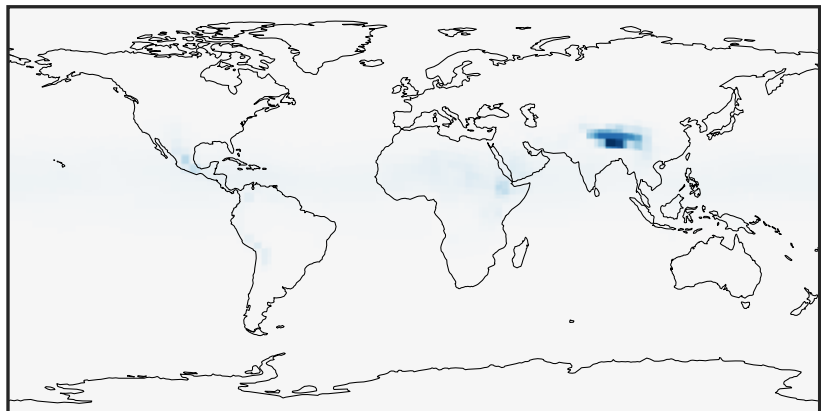
GCHP_14.0.0 (Ref)
c24



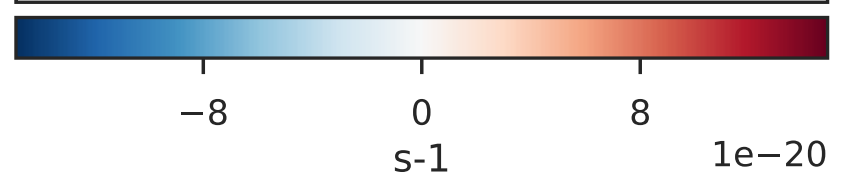
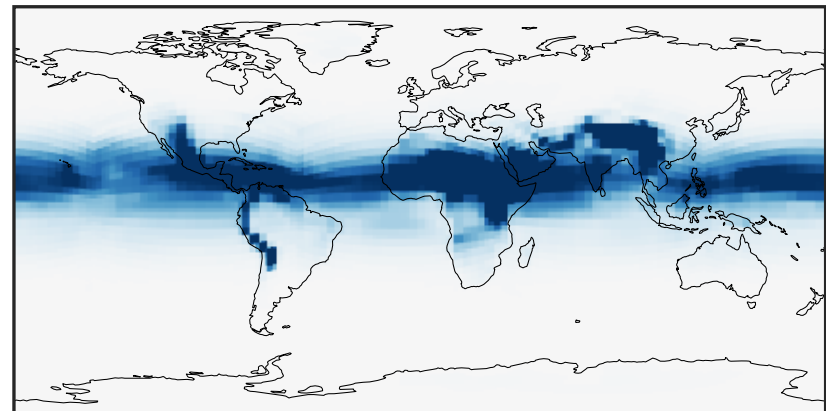
GCHP_14.2.0 (Dev)
c24



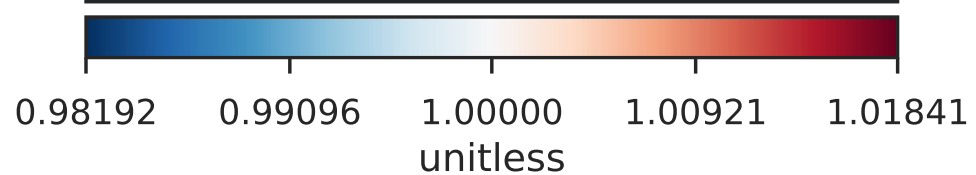
Difference (1x1.25)
Dev - Ref, Dynamic Range



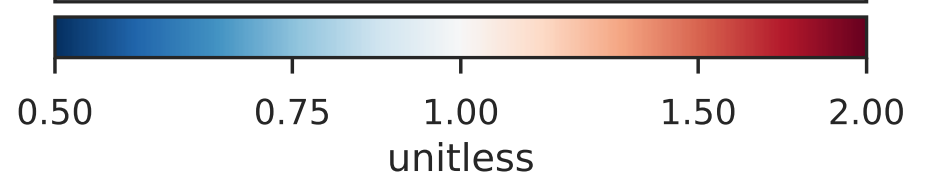
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

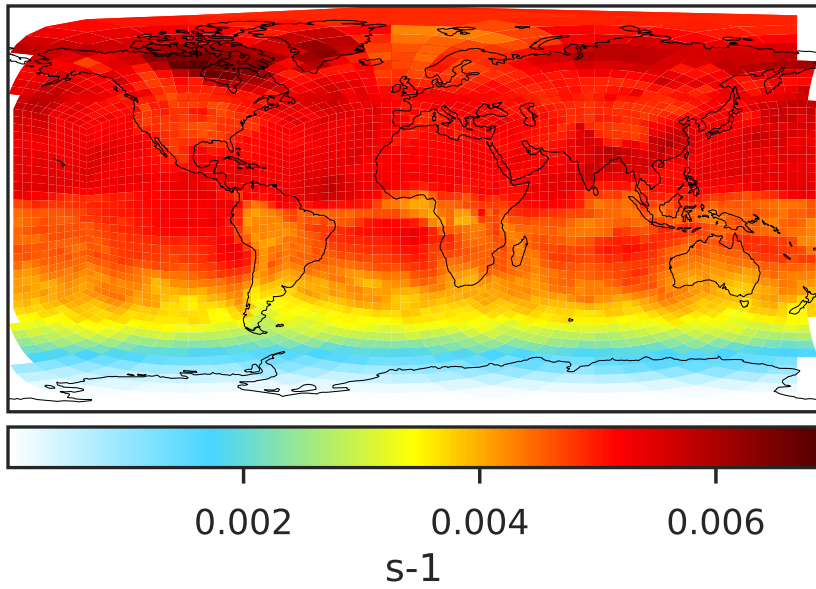


Ratio (1x1.25)
Dev/Ref, Fixed Range

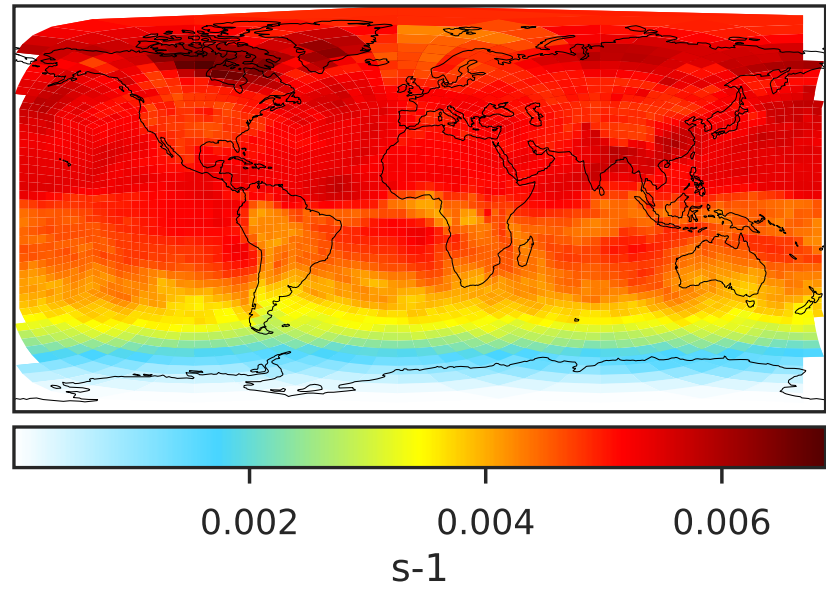


Jval_NO2 (Apr2019)

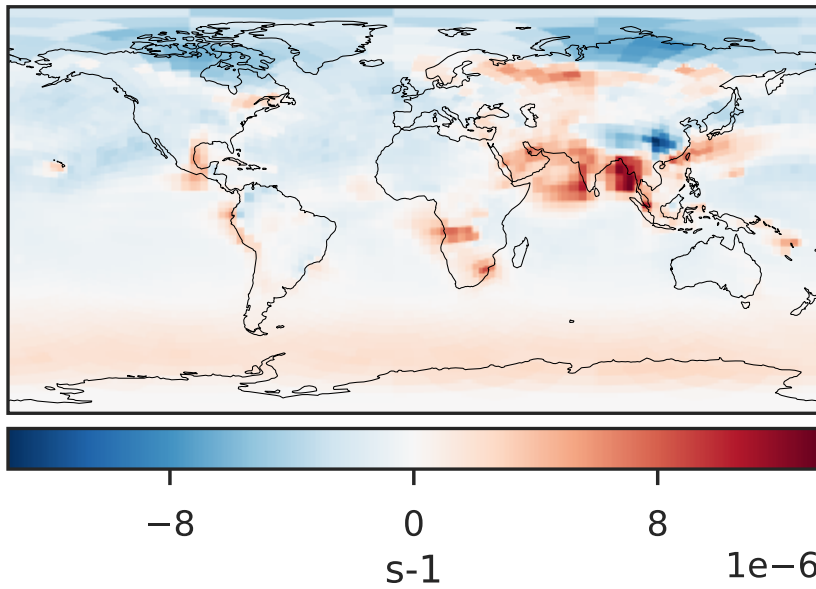
GCHP_14.0.0 (Ref)
c24



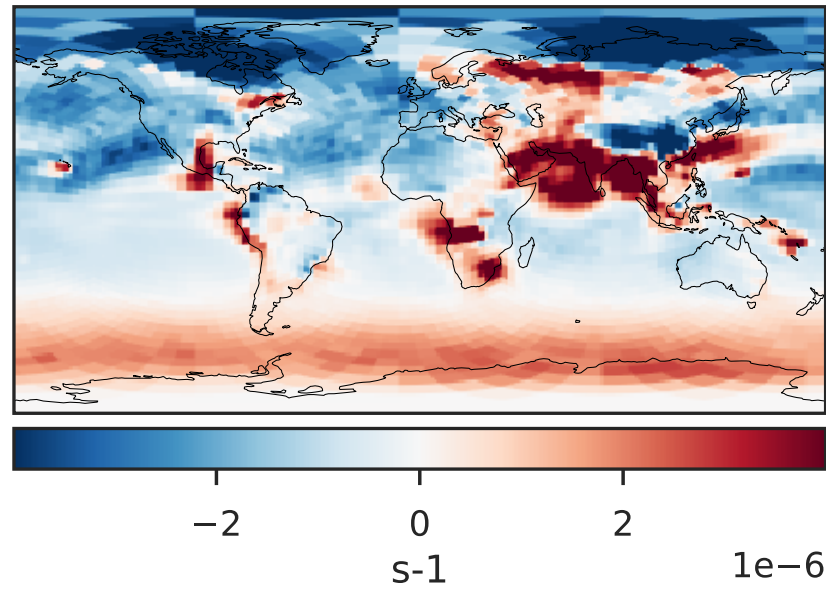
GCHP_14.2.0 (Dev)
c24



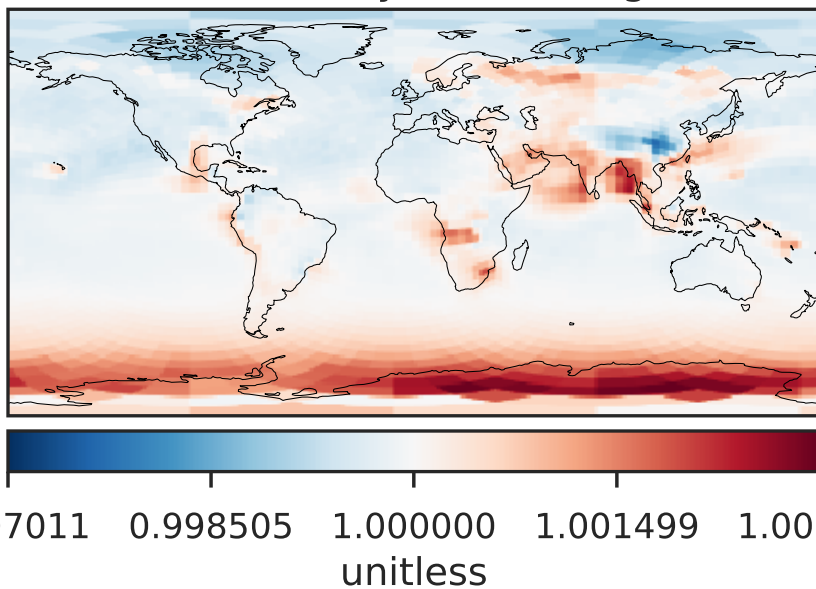
Difference (1x1.25)
Dev - Ref, Dynamic Range



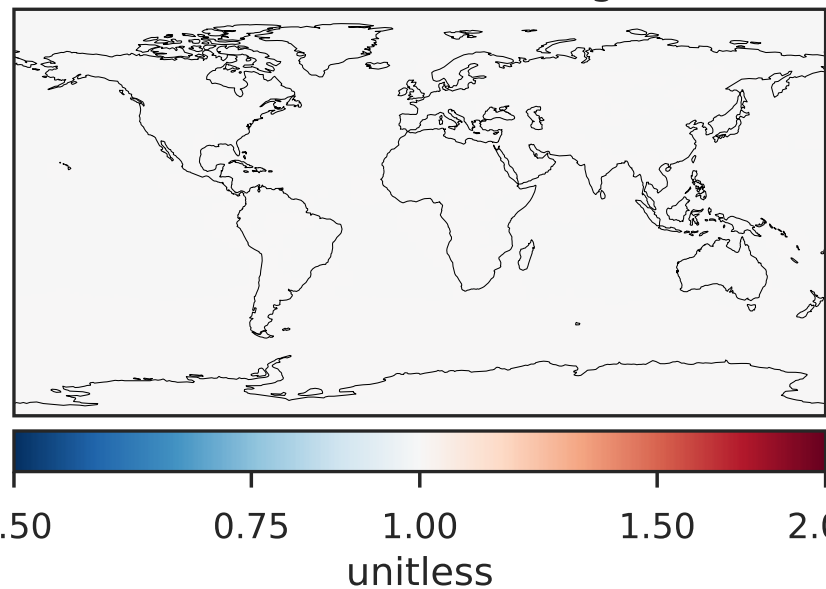
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

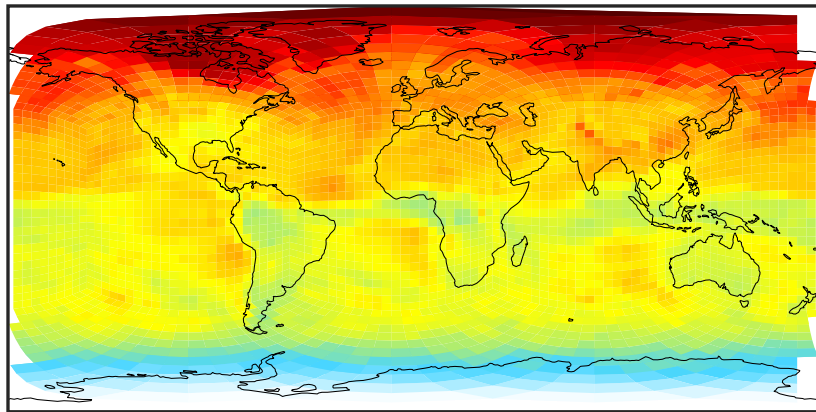


Ratio (1x1.25)
Dev/Ref, Fixed Range



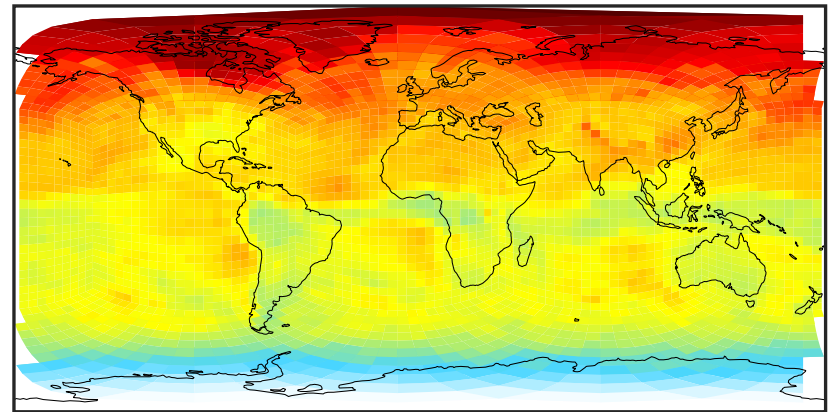
Jval_NO3 (Apr2019)

GCHP_14.0.0 (Ref)
c24



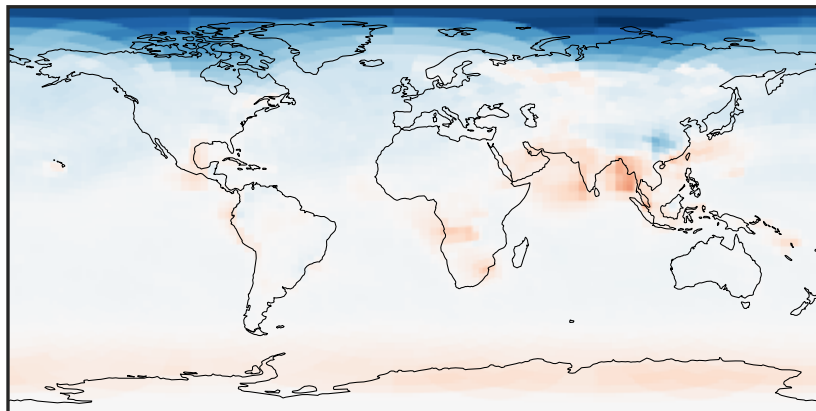
0.0001 0.0539 0.1078 0.1616 0.2157
s-1

GCHP_14.2.0 (Dev)
c24



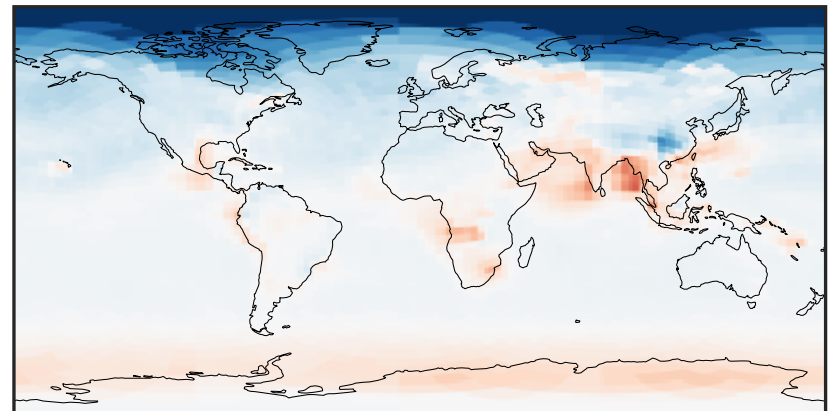
0.0001 0.0539 0.1078 0.1616 0.2157
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



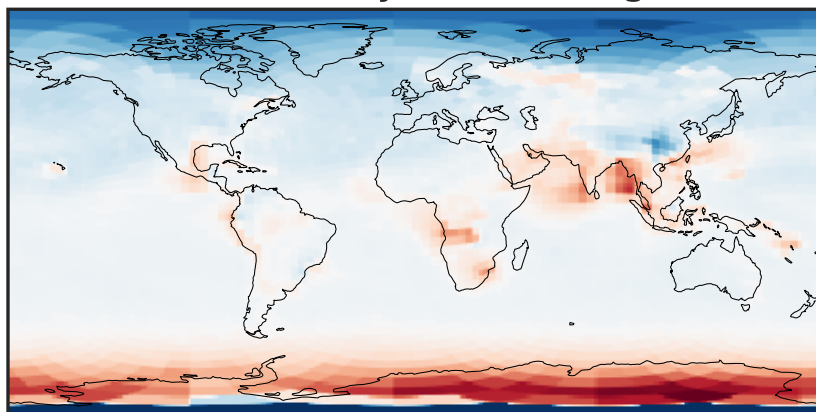
-0.0004 0.0000 0.0004
s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



-0.00025 0.00000 0.00025
s-1

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.996320 0.998160 1.000000 1.001847 1.003694
unitless

Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

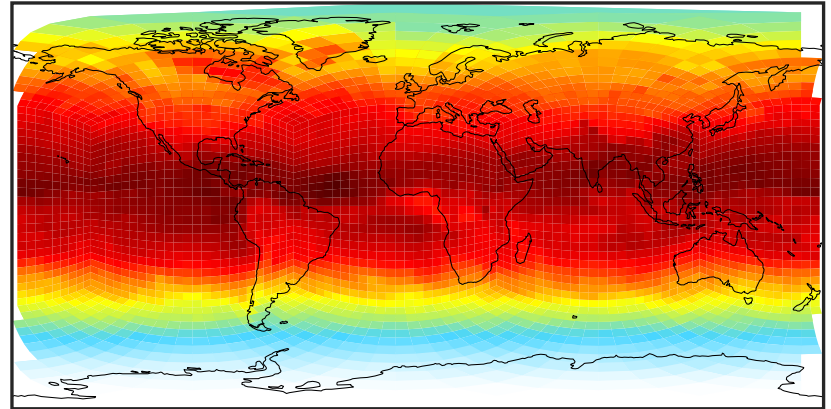
Jval_NPHEN (Apr2019)

GCHP_14.0.0 (Ref)
c24



Undefined throughout domain
s-1

GCHP_14.2.0 (Dev)
c24



0.6 1.2 1.8
s-1 $1e-5$

Difference (1x1.25)
Dev - Ref, Dynamic Range



Undefined throughout domain
s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Undefined throughout domain
s-1

Ratio (1x1.25)
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

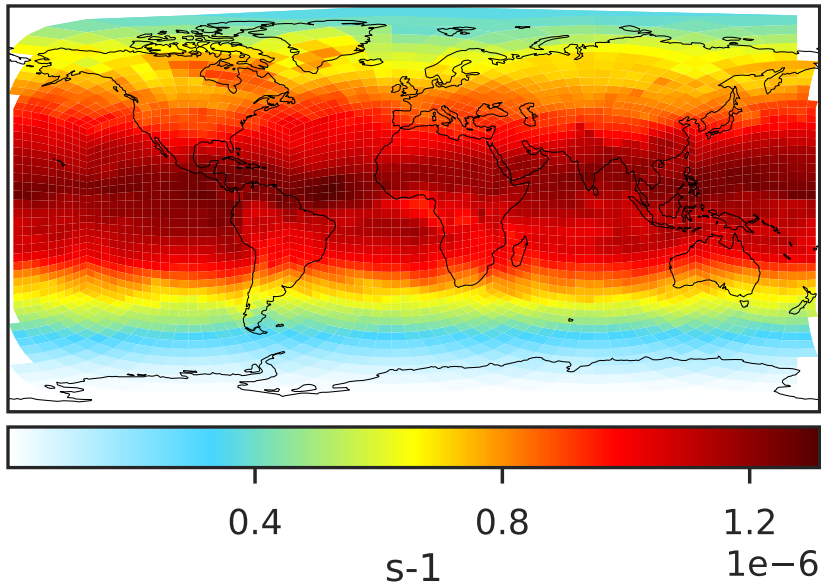
Ratio (1x1.25)
Dev/Ref, Fixed Range



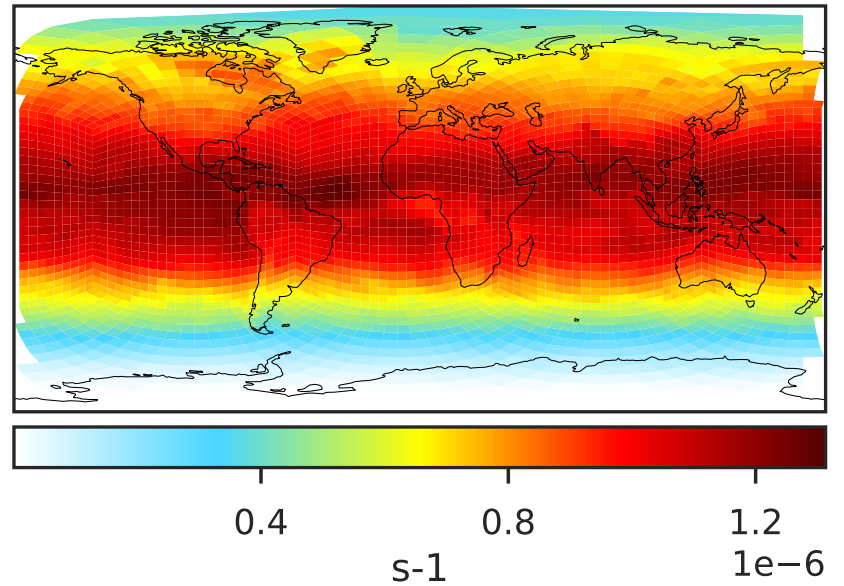
Undefined throughout domain
unitless

Jval_NPRNO3 (Apr2019)

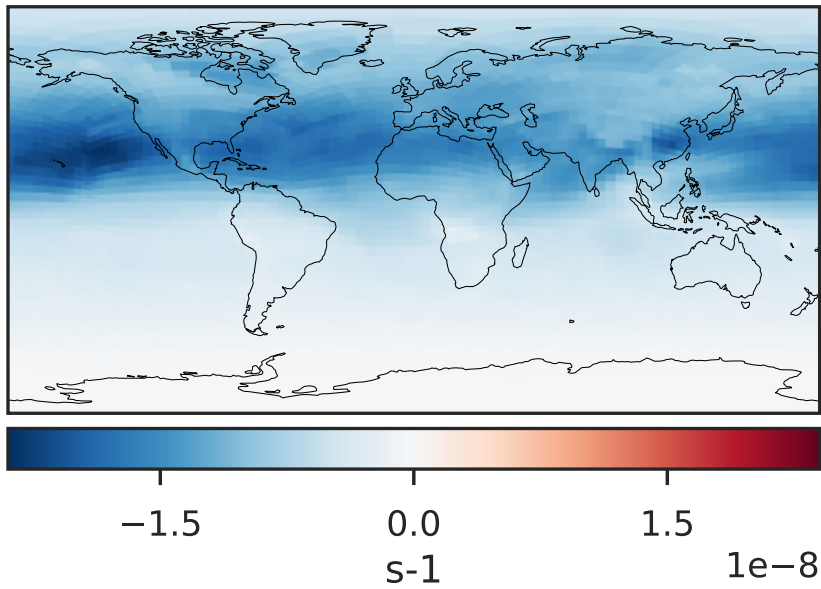
GCHP_14.0.0 (Ref)
c24



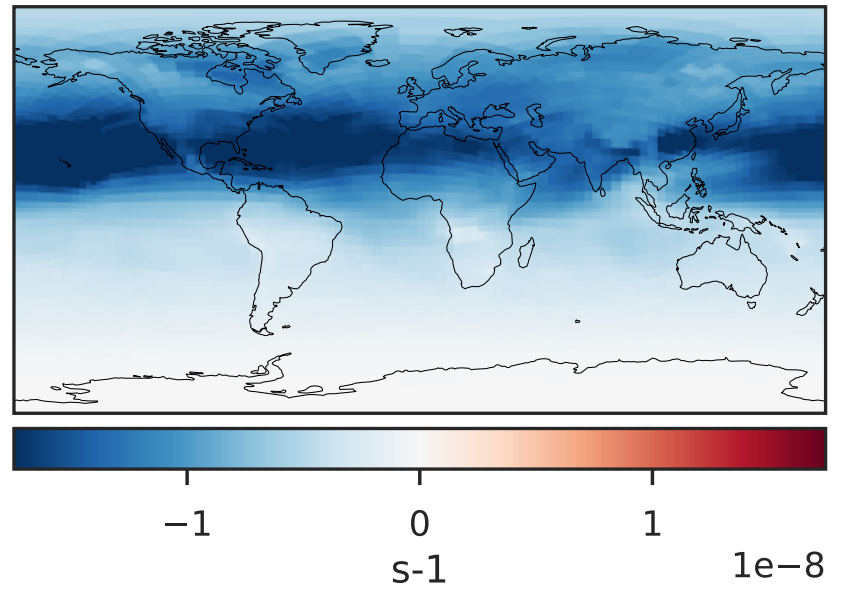
GCHP_14.2.0 (Dev)
c24



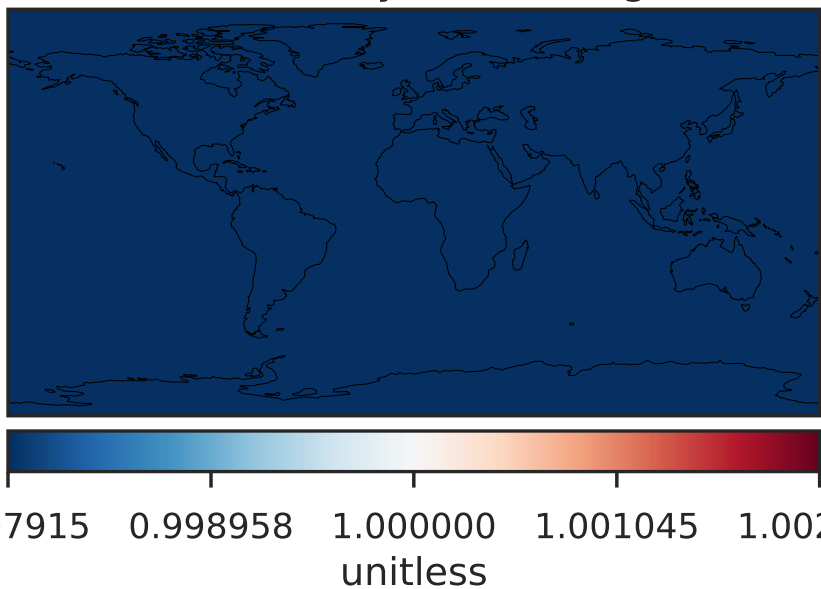
Difference (1x1.25)
Dev - Ref, Dynamic Range



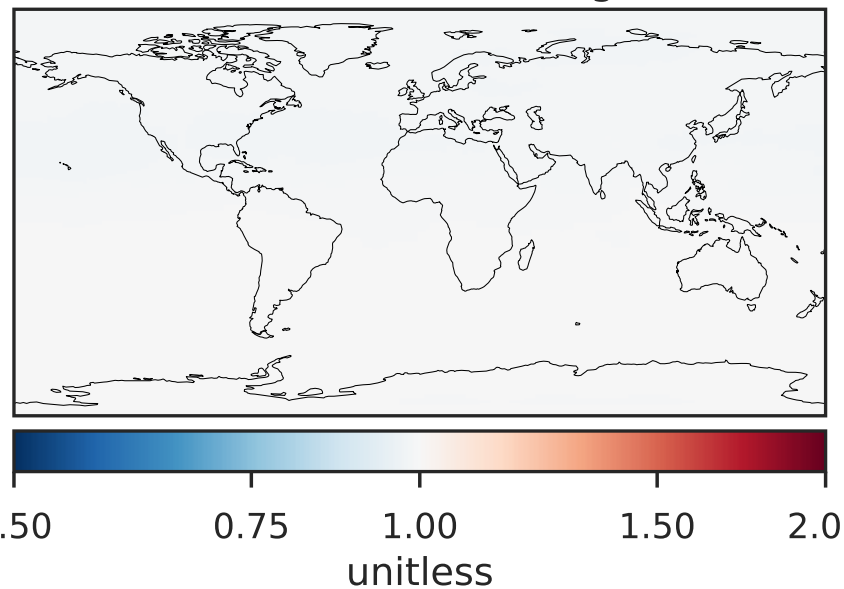
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

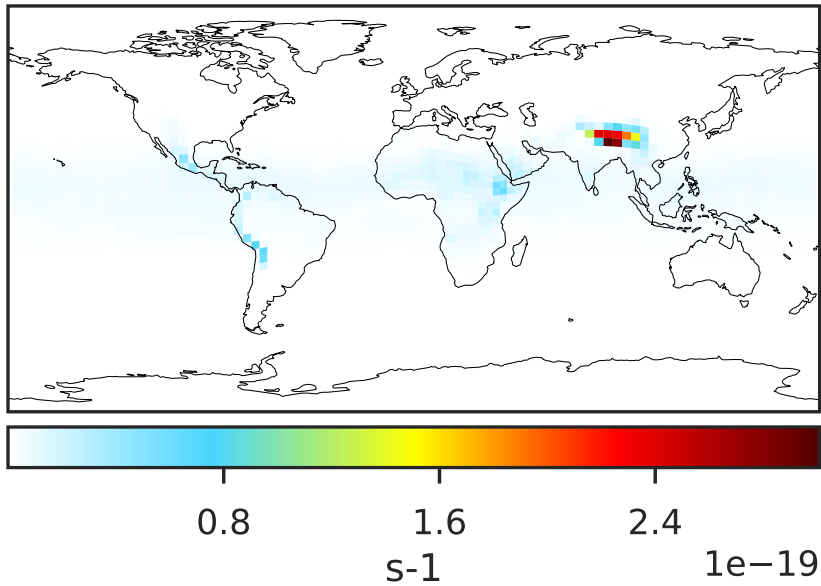


Ratio (1x1.25)
Dev/Ref, Fixed Range

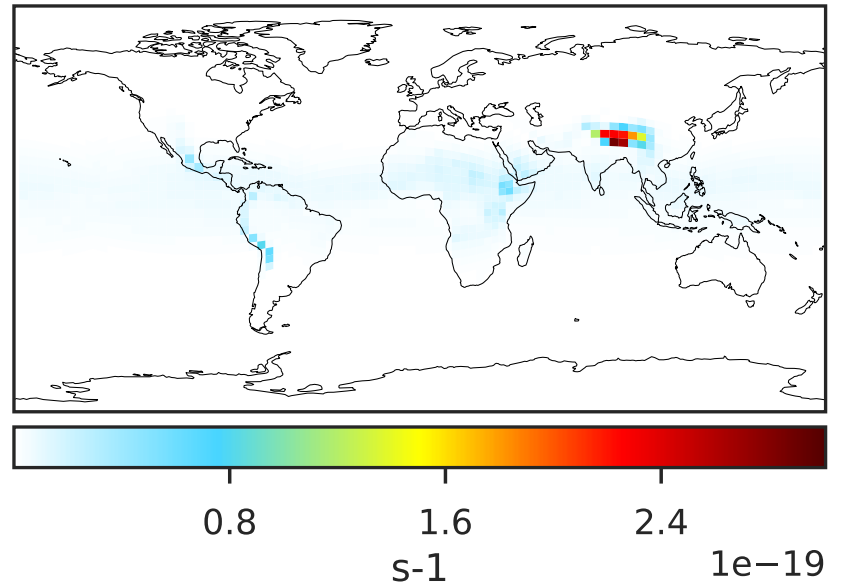


Jval_O2 (Apr2019)

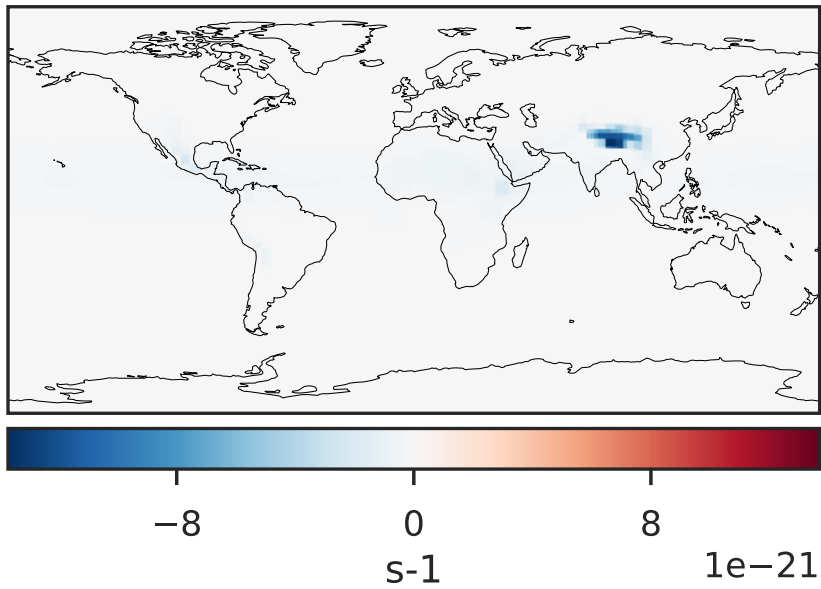
GCHP_14.0.0 (Ref)
c24



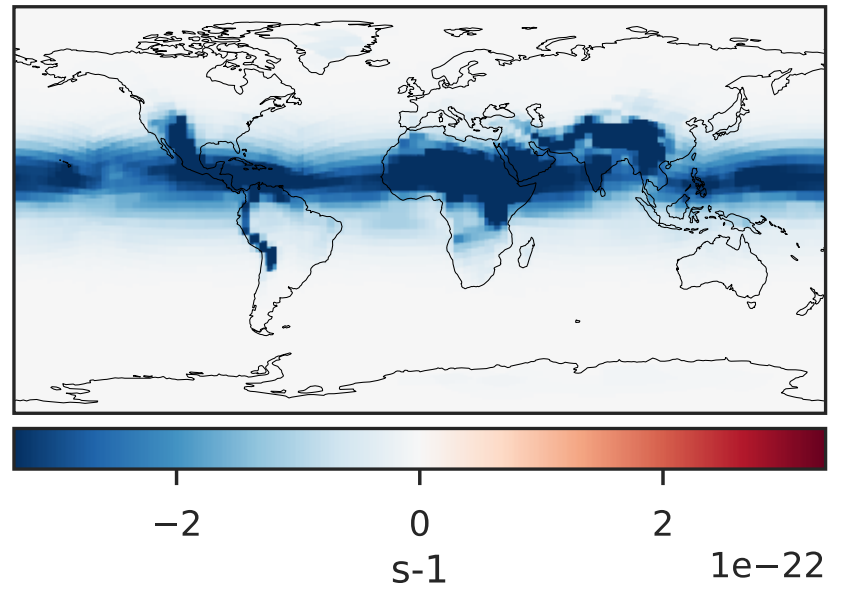
GCHP_14.2.0 (Dev)
c24



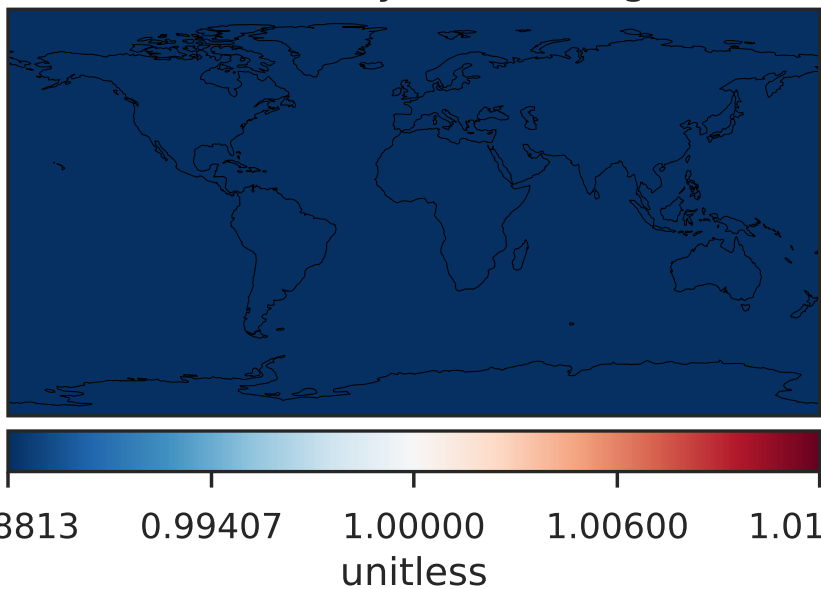
Difference (1x1.25)
Dev - Ref, Dynamic Range



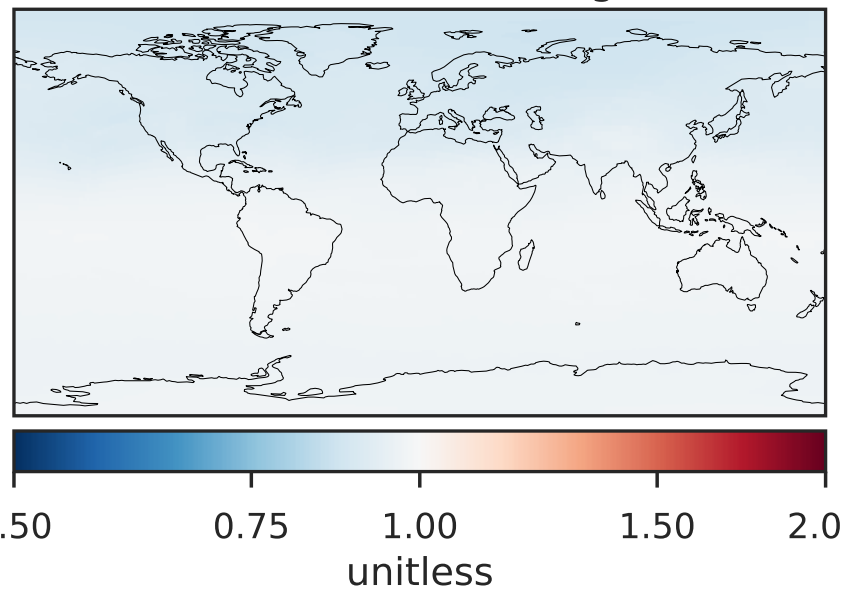
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

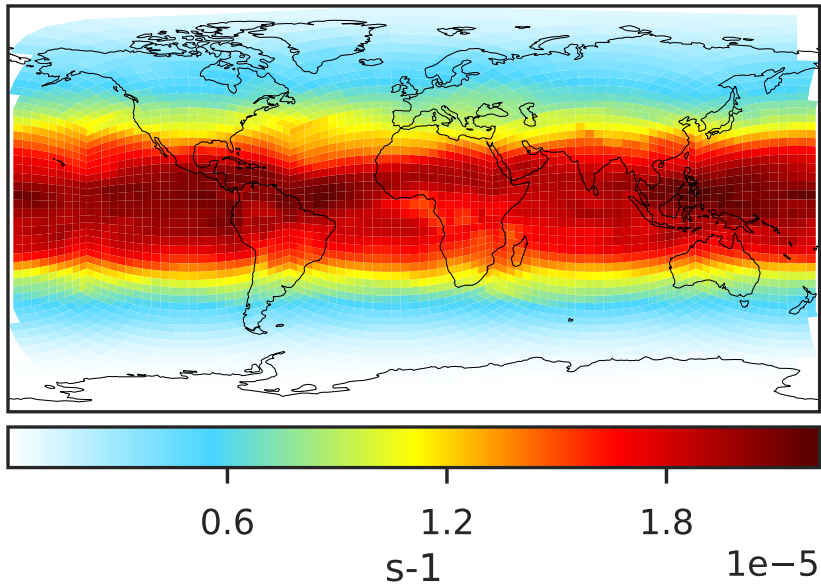


Ratio (1x1.25)
Dev/Ref, Fixed Range

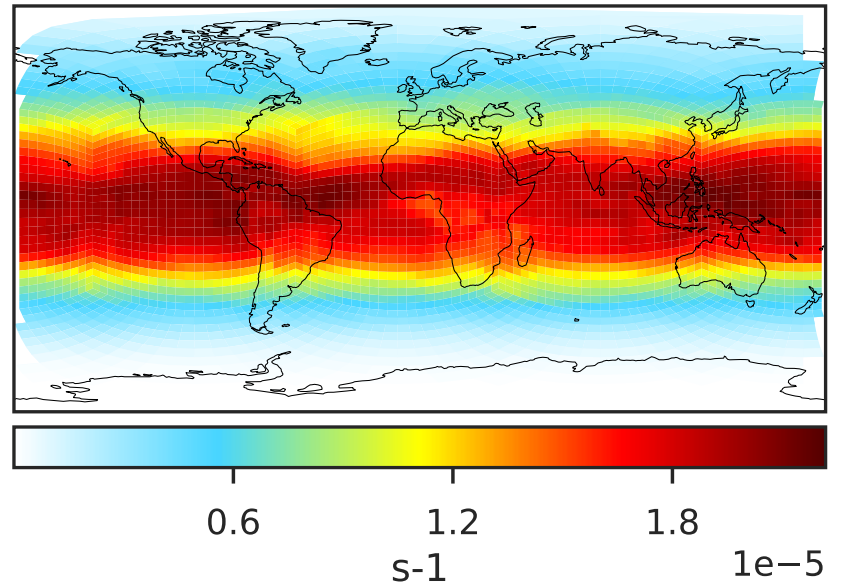


Jval_O3 (Apr2019)

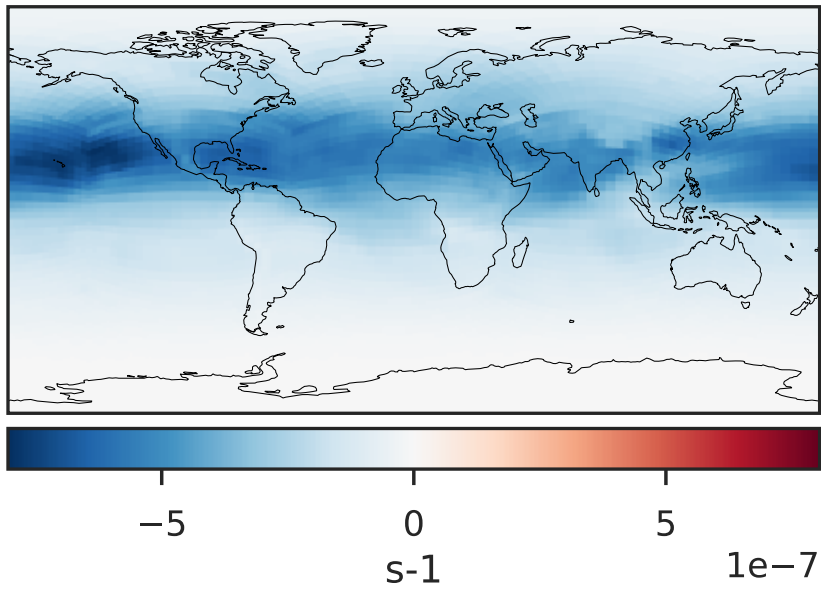
GCHP_14.0.0 (Ref)
c24



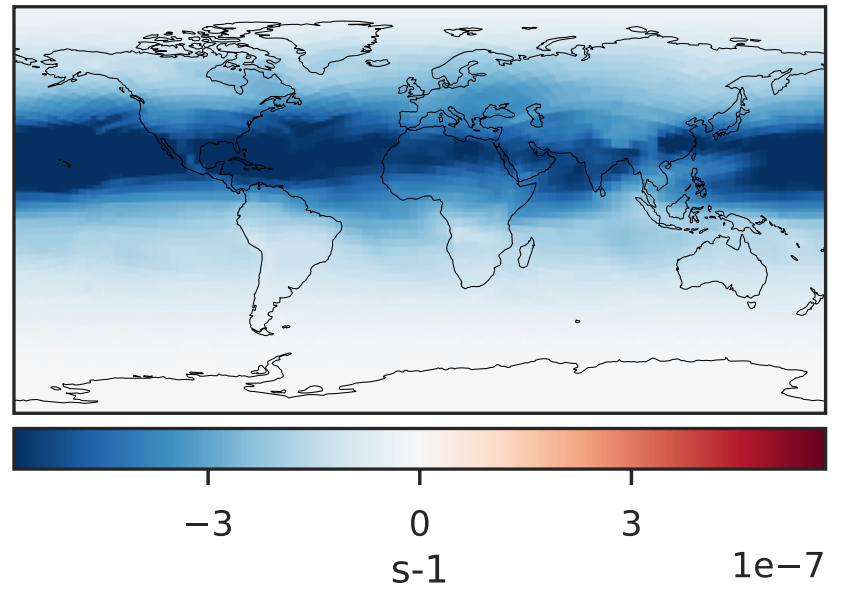
GCHP_14.2.0 (Dev)
c24



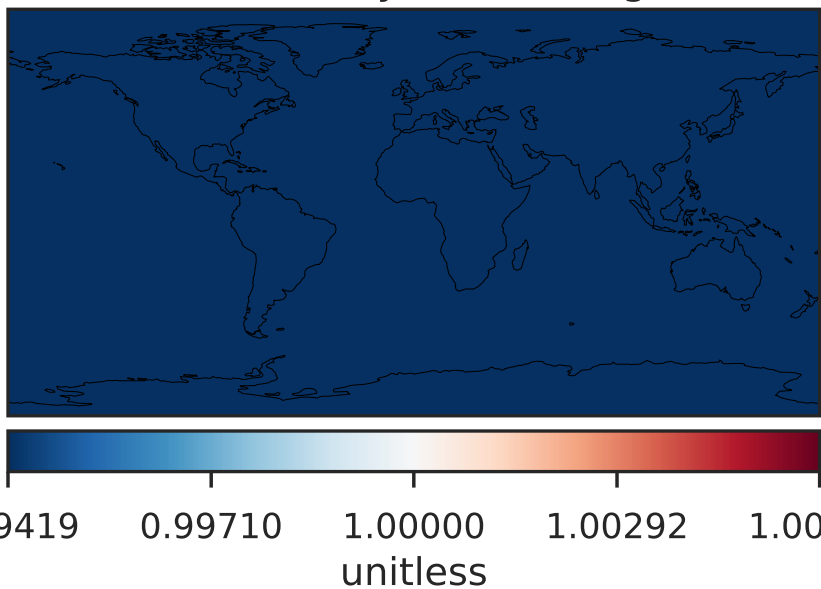
Difference (1x1.25)
Dev - Ref, Dynamic Range



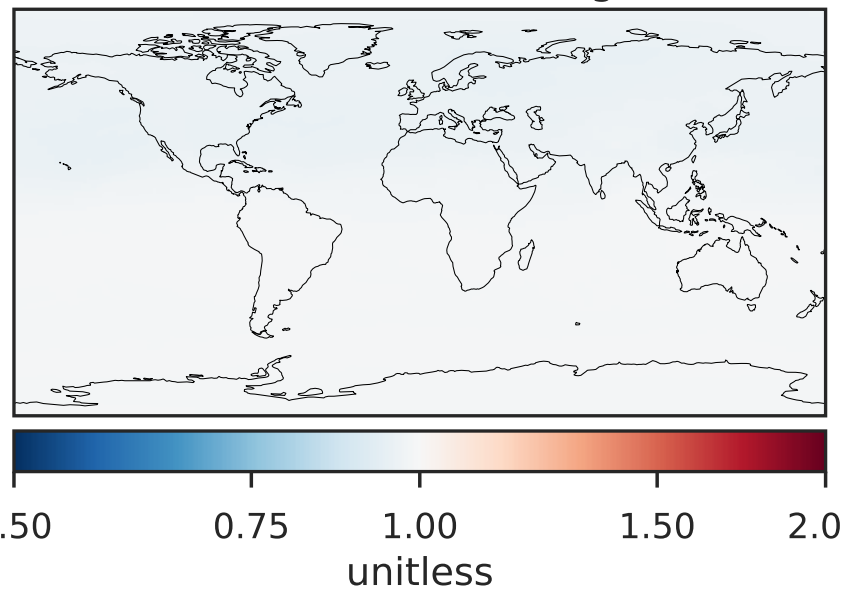
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

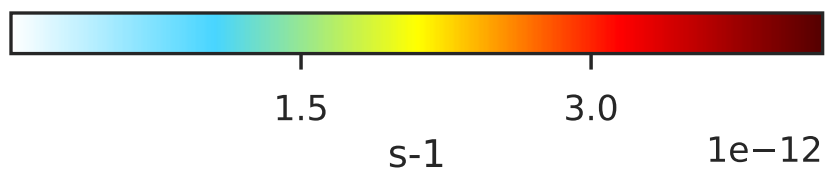
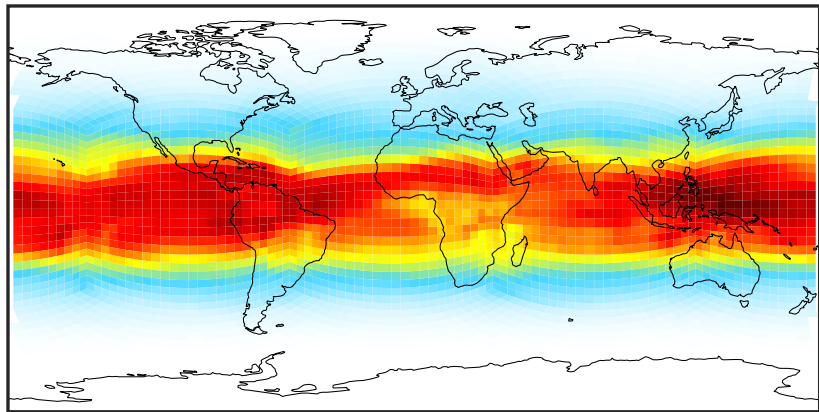


Ratio (1x1.25)
Dev/Ref, Fixed Range

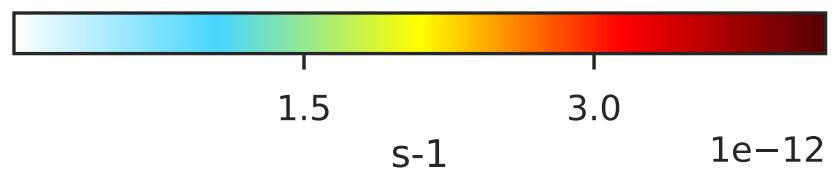
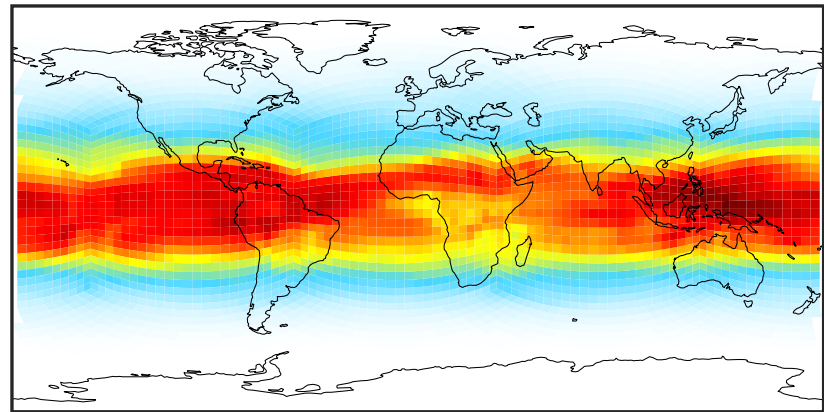


Jval_OCS (Apr2019)

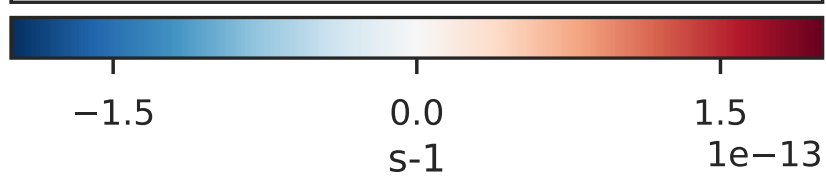
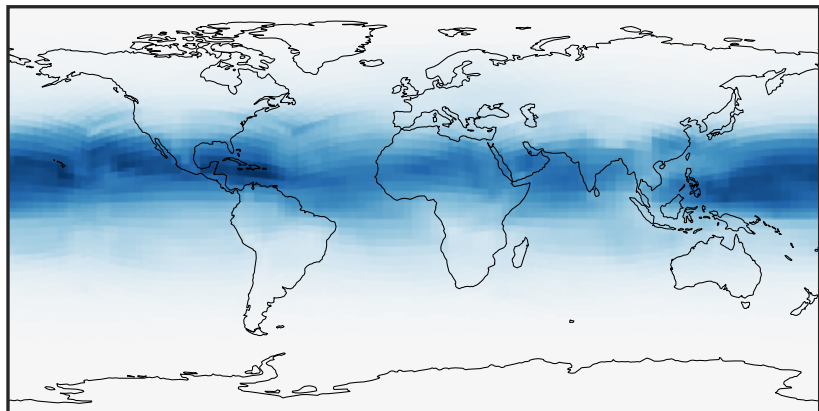
GCHP_14.0.0 (Ref)
c24



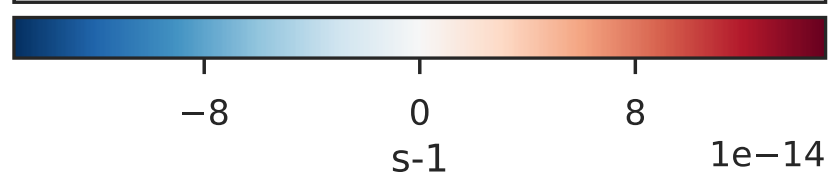
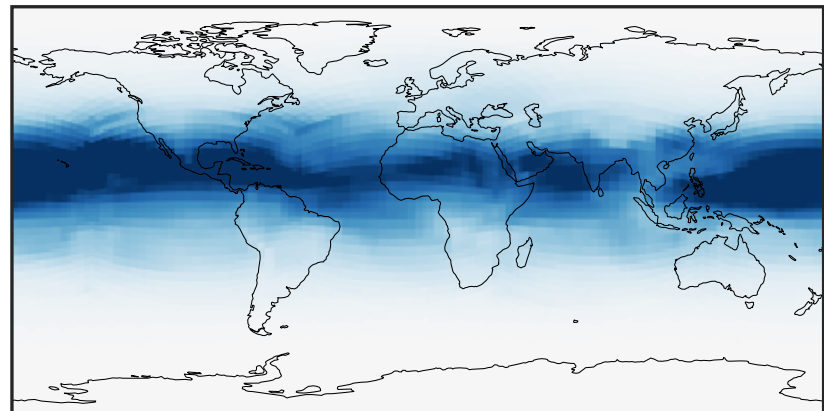
GCHP_14.2.0 (Dev)
c24



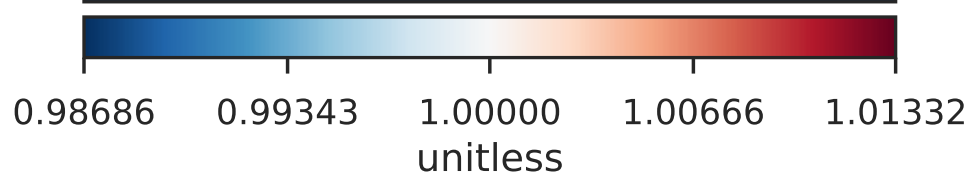
Difference (1x1.25)
Dev - Ref, Dynamic Range



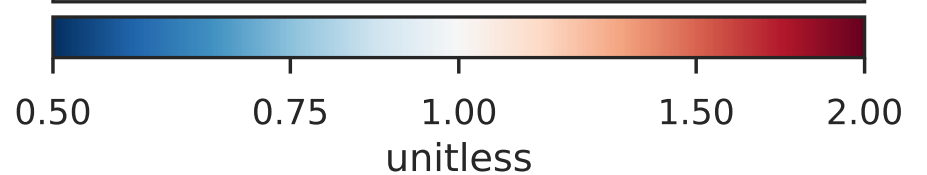
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

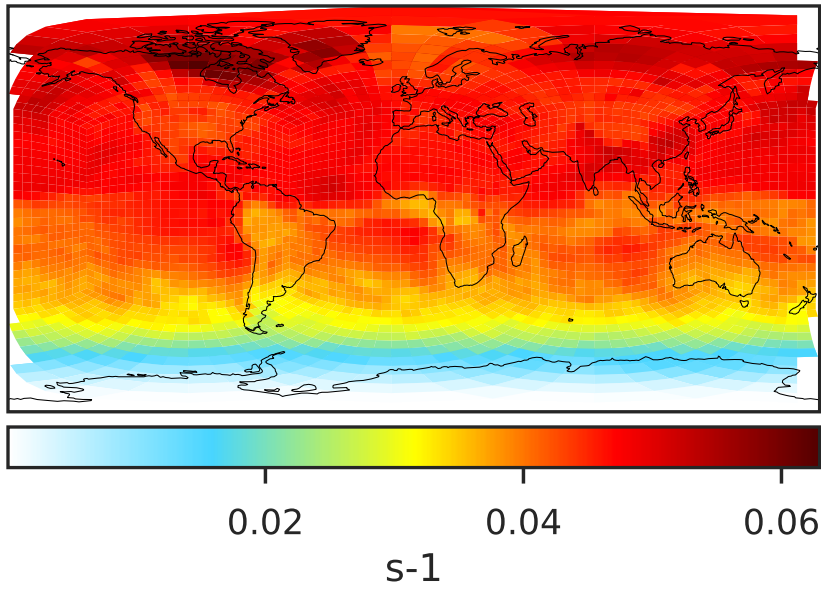


Ratio (1x1.25)
Dev/Ref, Fixed Range

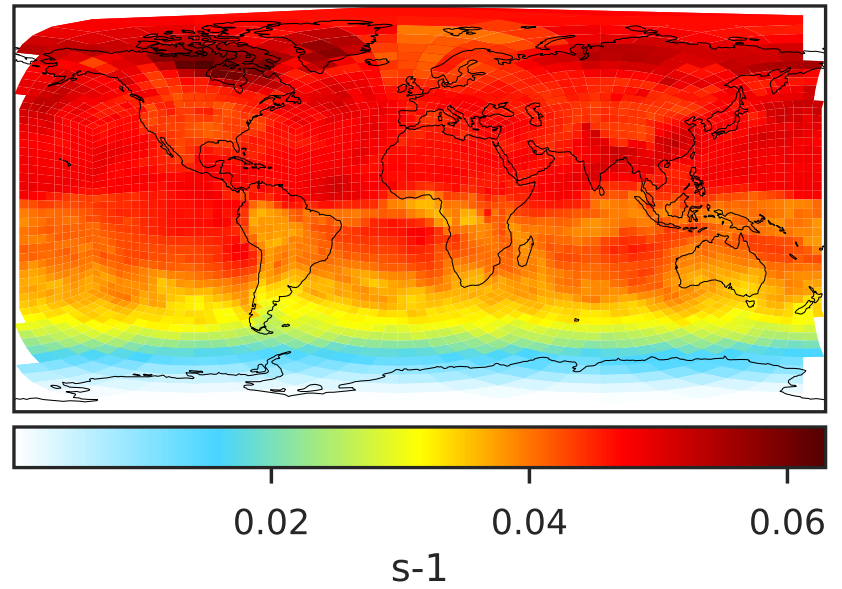


Jval_OCIO (Apr2019)

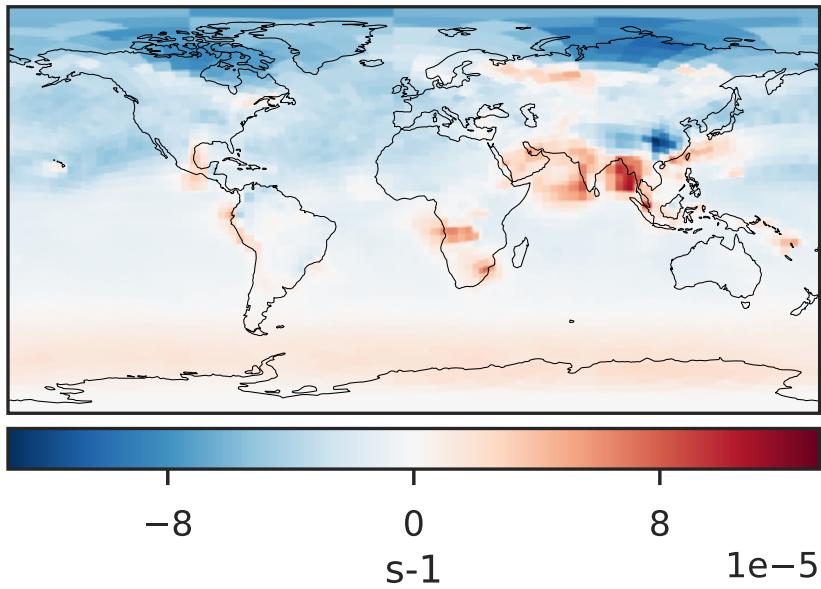
GCHP_14.0.0 (Ref)
c24



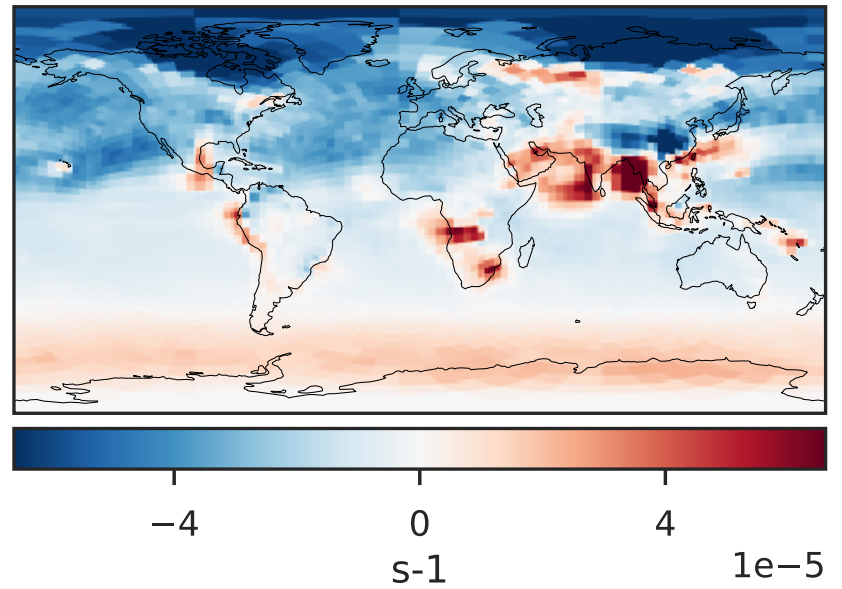
GCHP_14.2.0 (Dev)
c24



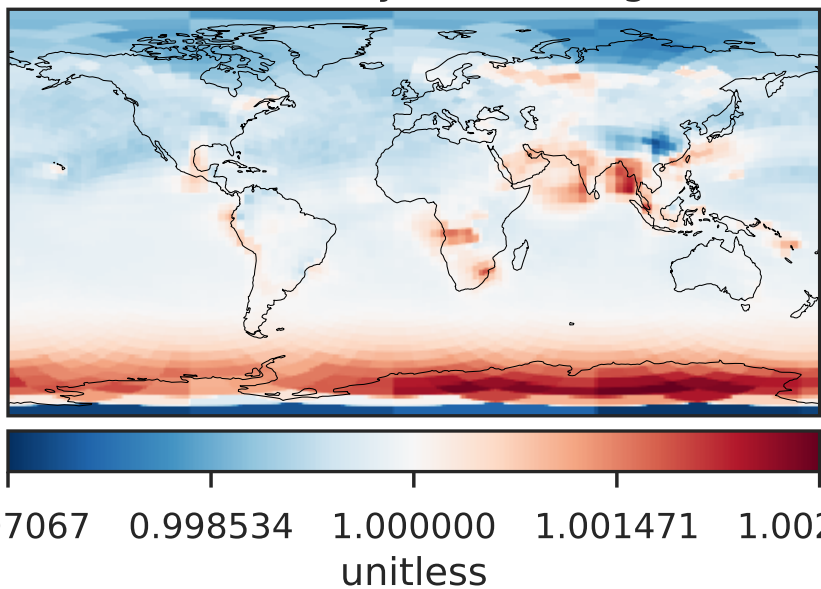
Difference (1x1.25)
Dev - Ref, Dynamic Range



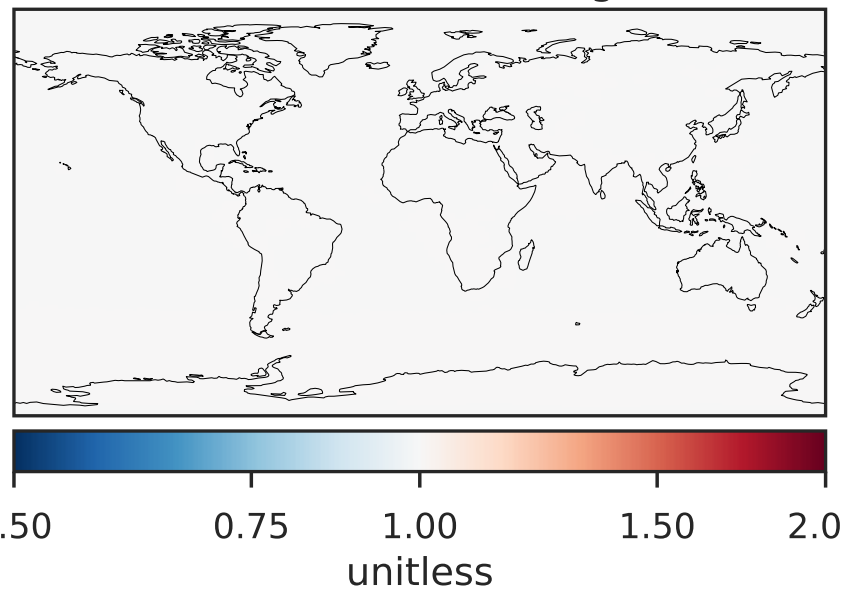
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range



Ratio (1x1.25)
Dev/Ref, Fixed Range

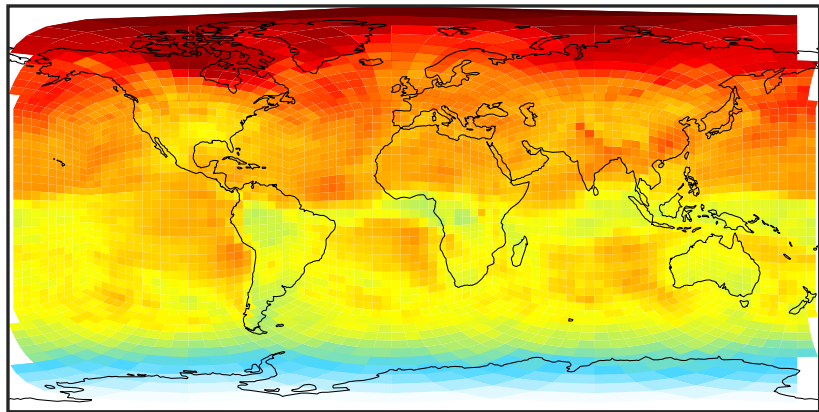


0.997067 0.998534 1.000000 1.001471 1.002942
unitless

0.50 0.75 1.00 1.50 2.00
unitless

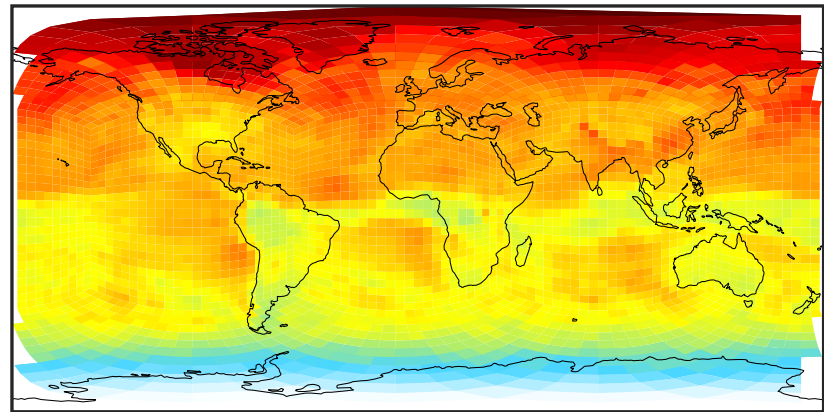
Jval_OIO (Apr2019)

GCHP_14.0.0 (Ref)
c24



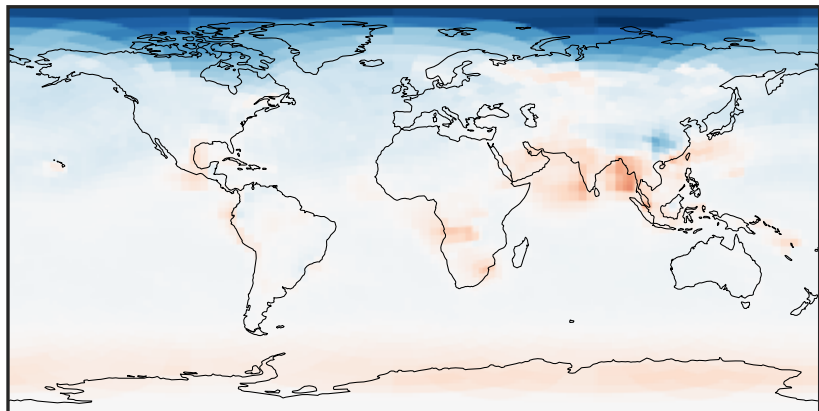
0.0001 0.0518 0.1036 0.1554 0.2073
s-1

GCHP_14.2.0 (Dev)
c24



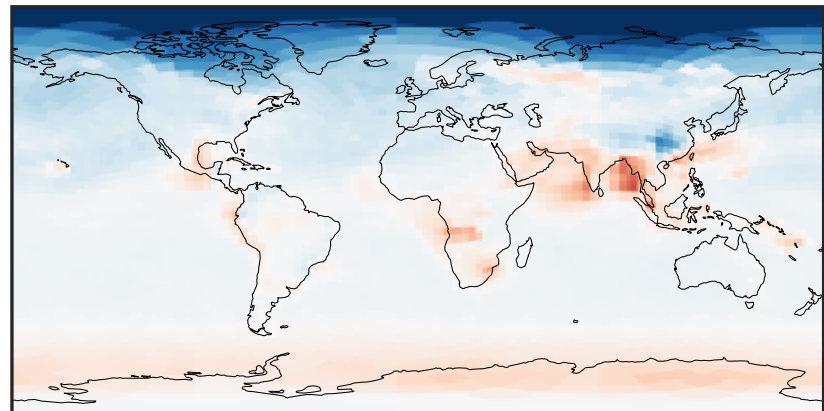
0.0001 0.0518 0.1036 0.1554 0.2073
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



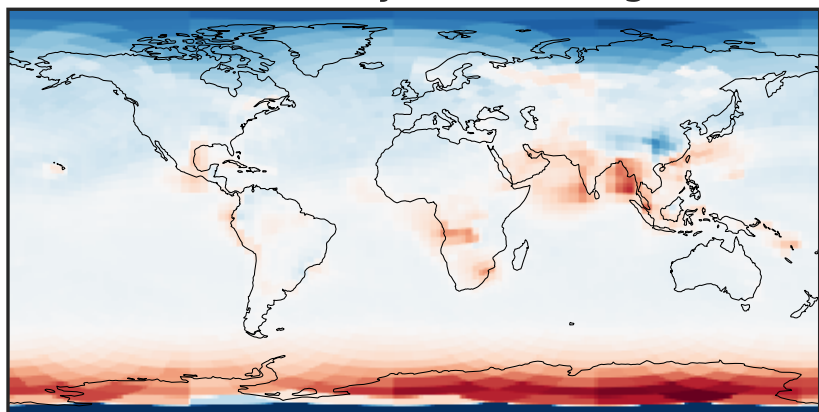
-0.0004 0.0000 0.0004
s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



-0.00025 0.0000 0.00025
s-1

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.996323 0.998162 1.000000 1.001845 1.003691
unitless

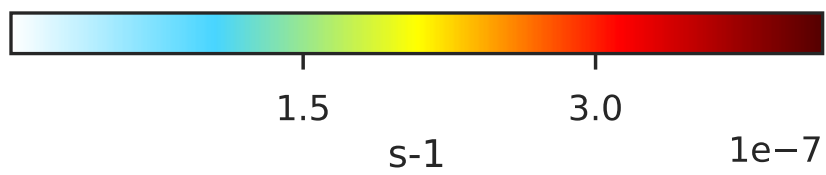
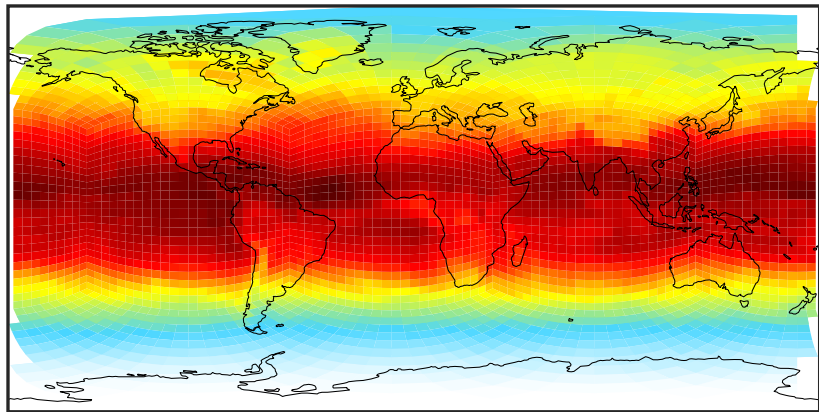
Ratio (1x1.25)
Dev/Ref, Fixed Range



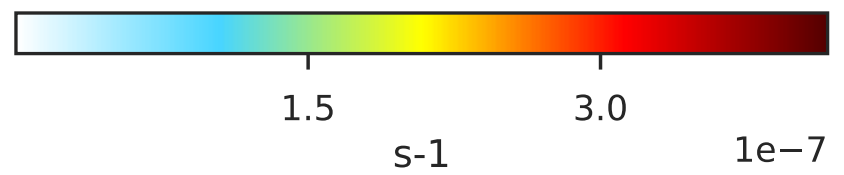
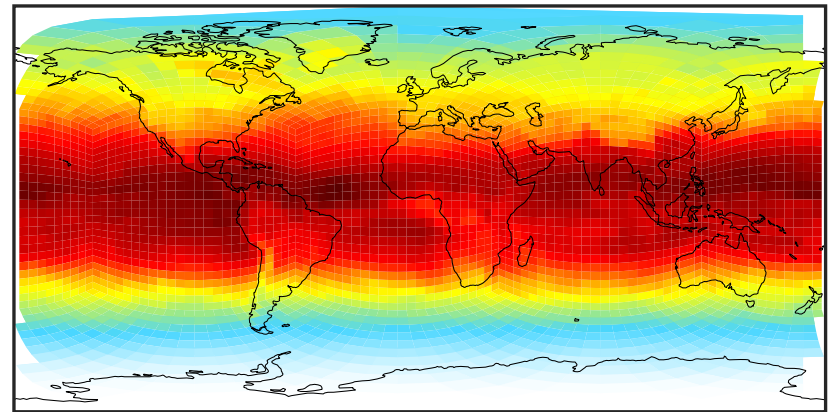
0.50 0.75 1.00 1.50 2.00
unitless

Jval_PAN (Apr2019)

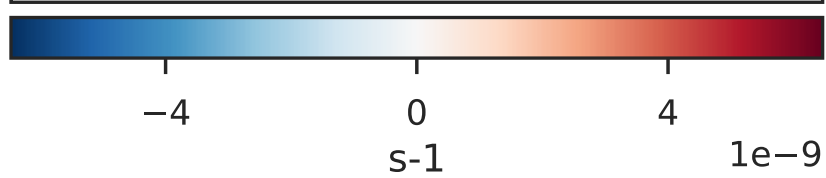
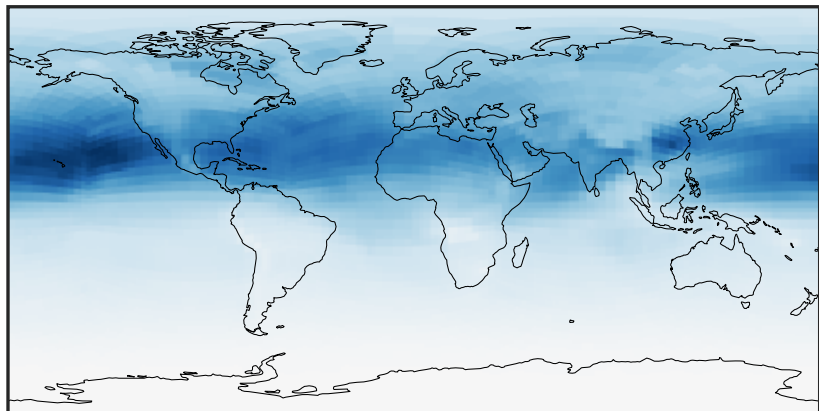
GCHP_14.0.0 (Ref)
c24



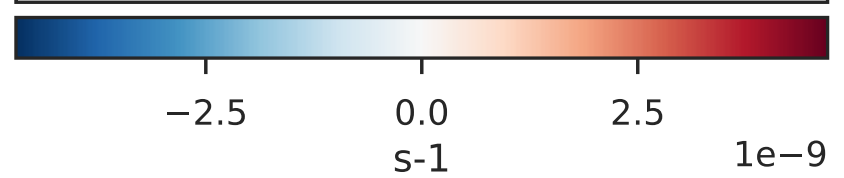
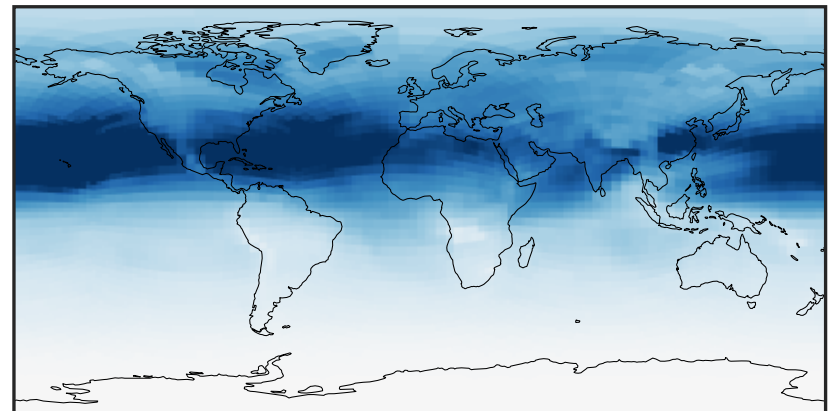
GCHP_14.2.0 (Dev)
c24



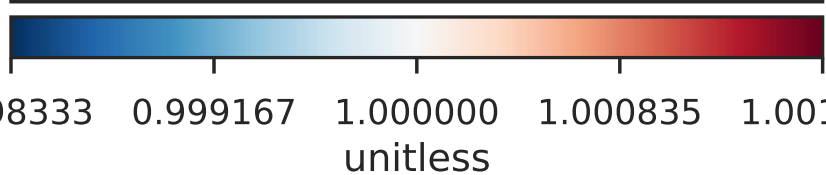
Difference (1x1.25)
Dev - Ref, Dynamic Range



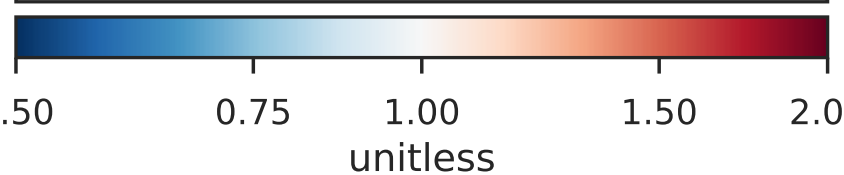
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

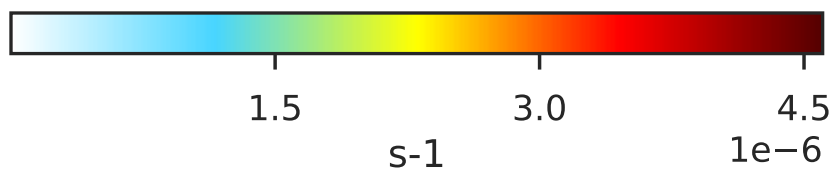
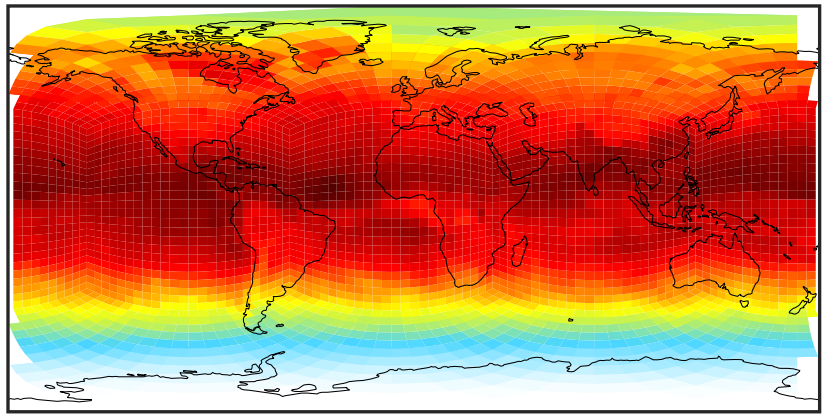


Ratio (1x1.25)
Dev/Ref, Fixed Range

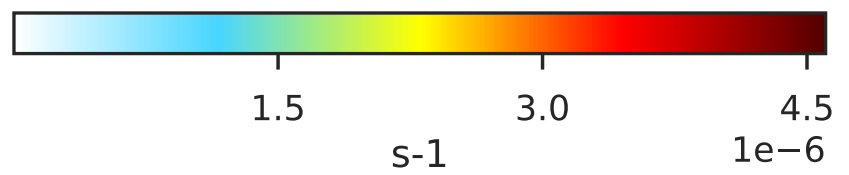
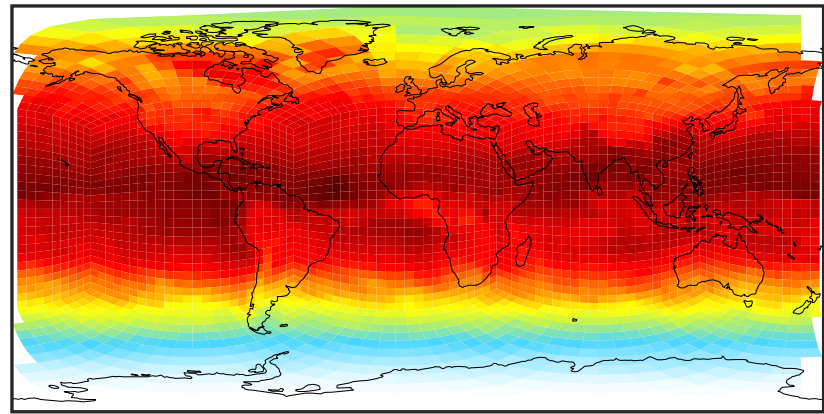


Jval_PIP (Apr2019)

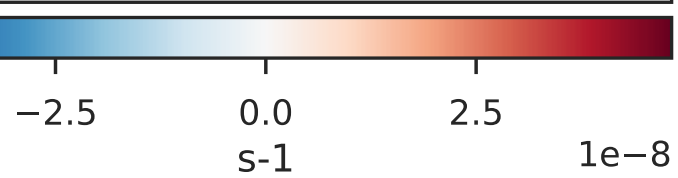
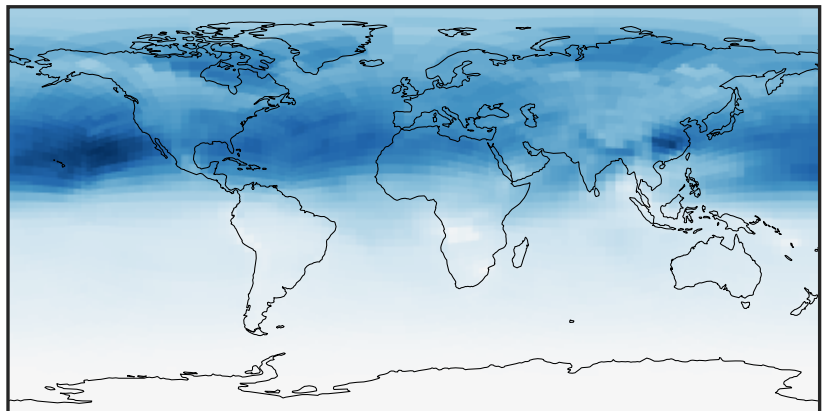
GCHP_14.0.0 (Ref)
c24



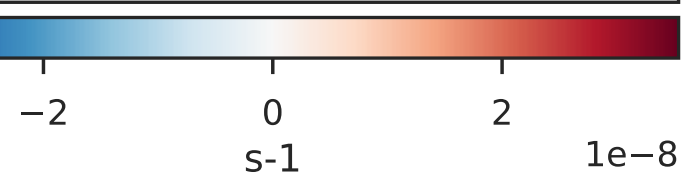
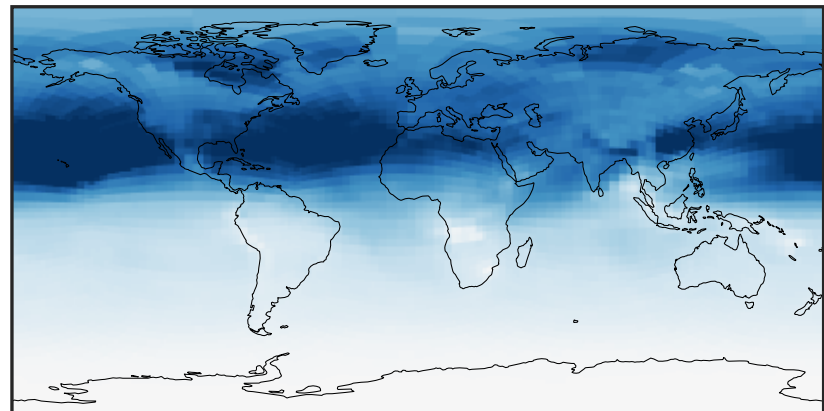
GCHP_14.2.0 (Dev)
c24



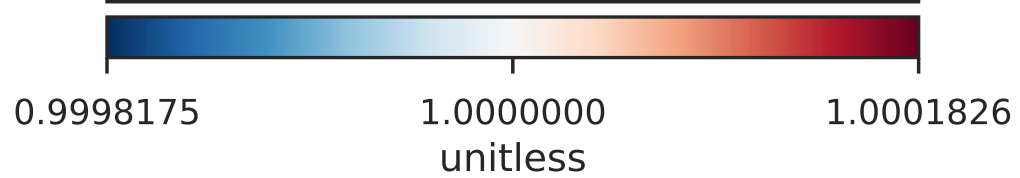
Difference (1x1.25)
Dev - Ref, Dynamic Range



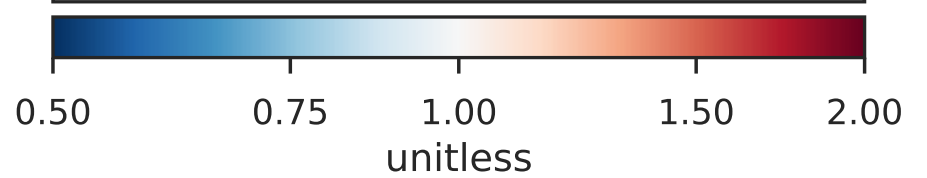
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

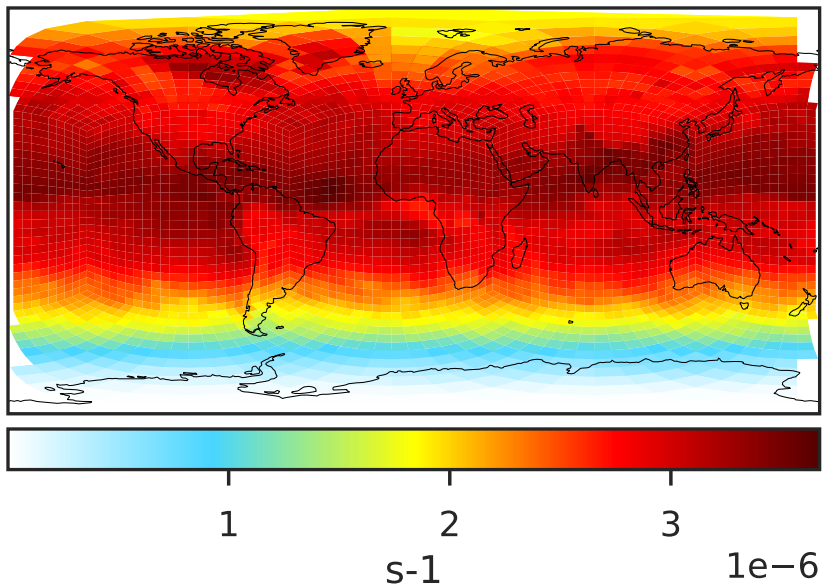


Ratio (1x1.25)
Dev/Ref, Fixed Range

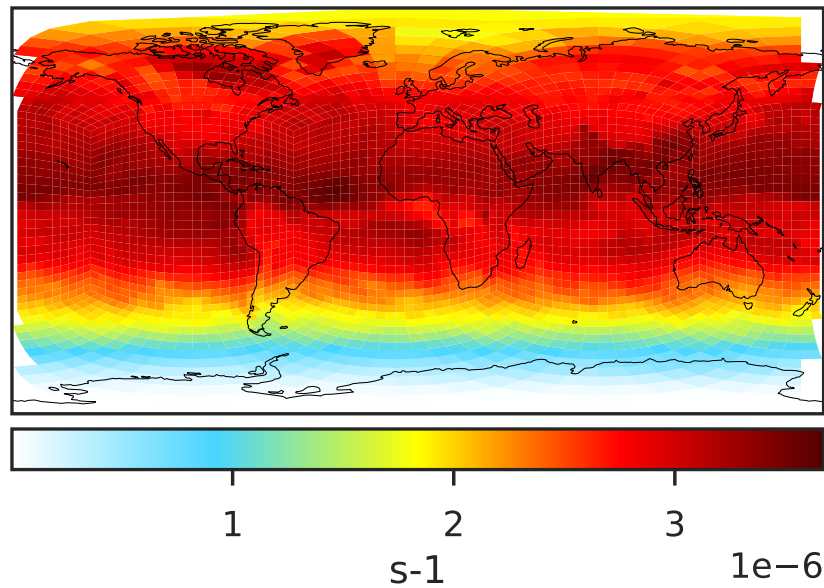


Jval_PP (Apr2019)

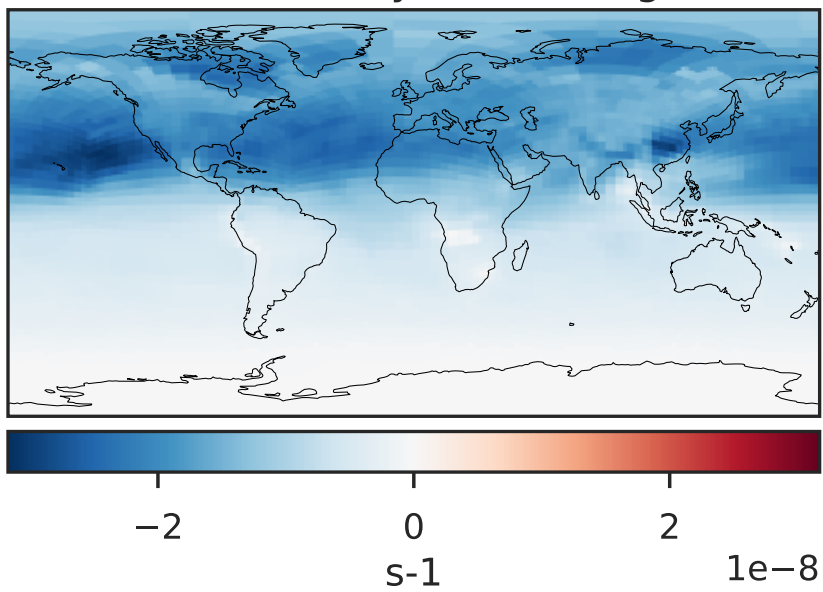
GCHP_14.0.0 (Ref)
c24



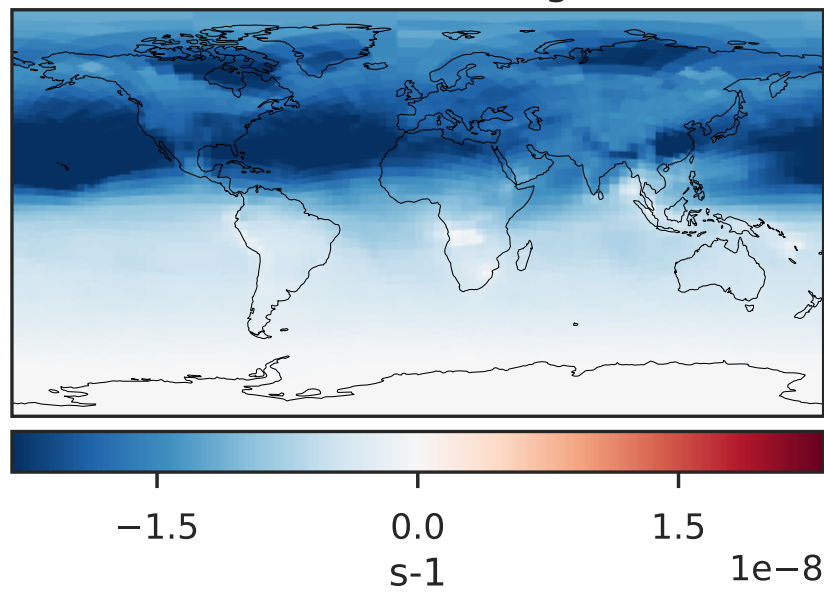
GCHP_14.2.0 (Dev)
c24



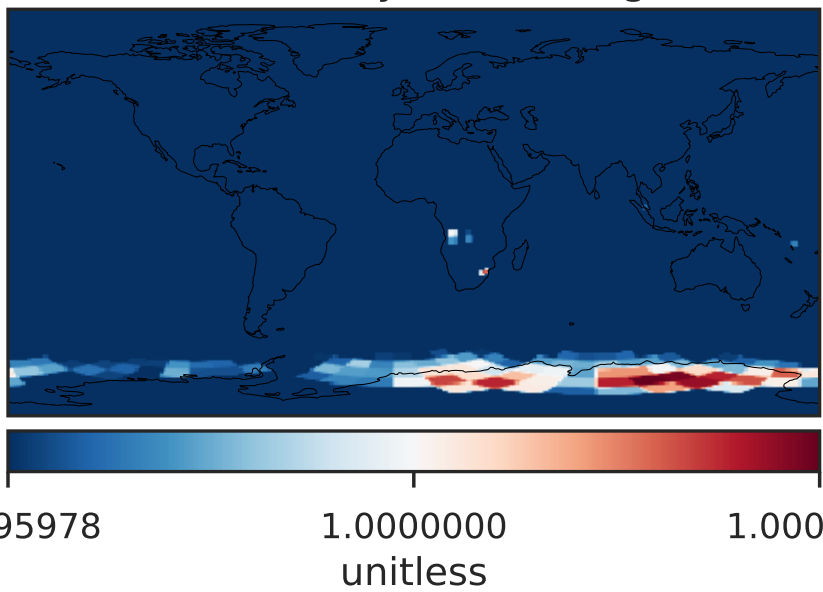
Difference (1x1.25)
Dev - Ref, Dynamic Range



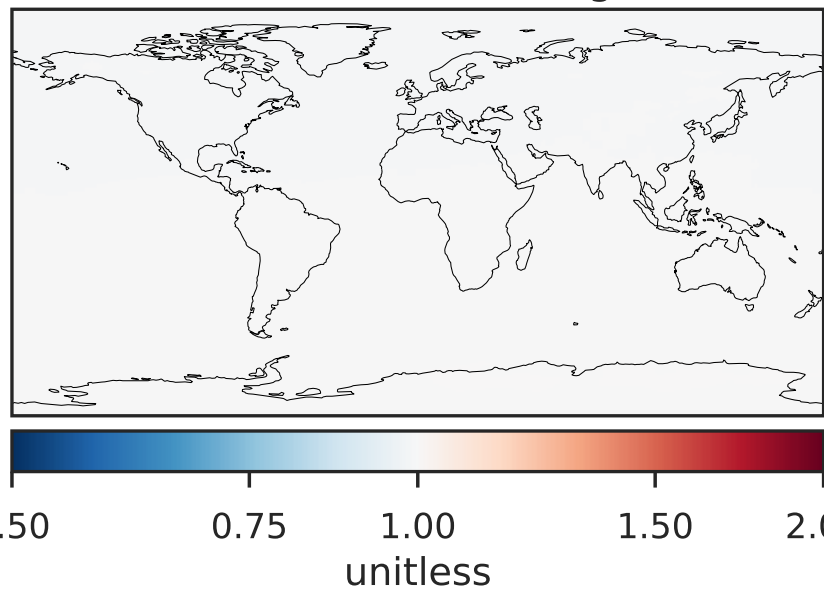
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

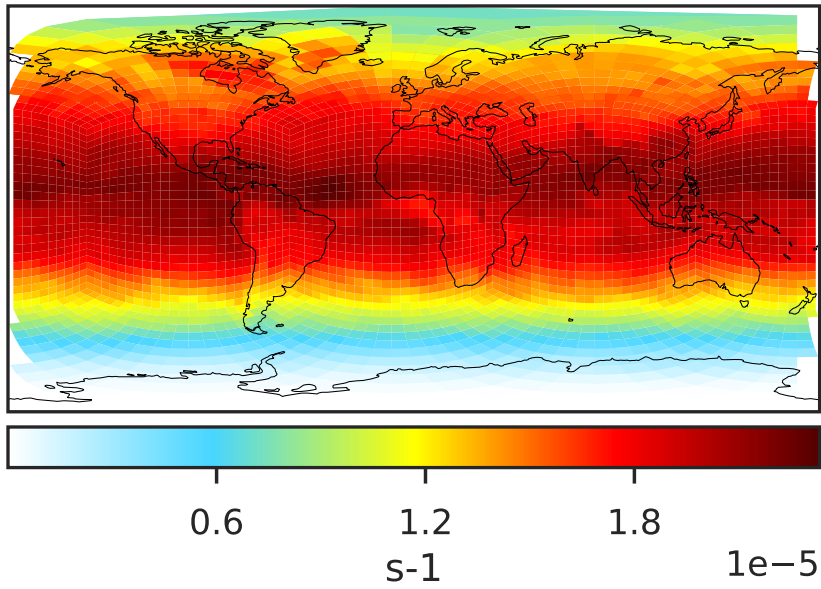


Ratio (1x1.25)
Dev/Ref, Fixed Range

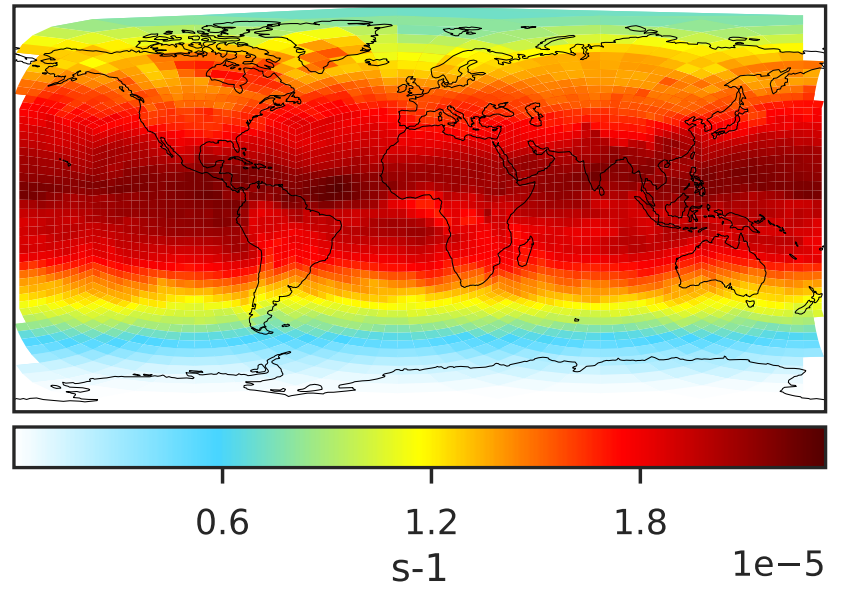


Jval_PROPNN (Apr2019)

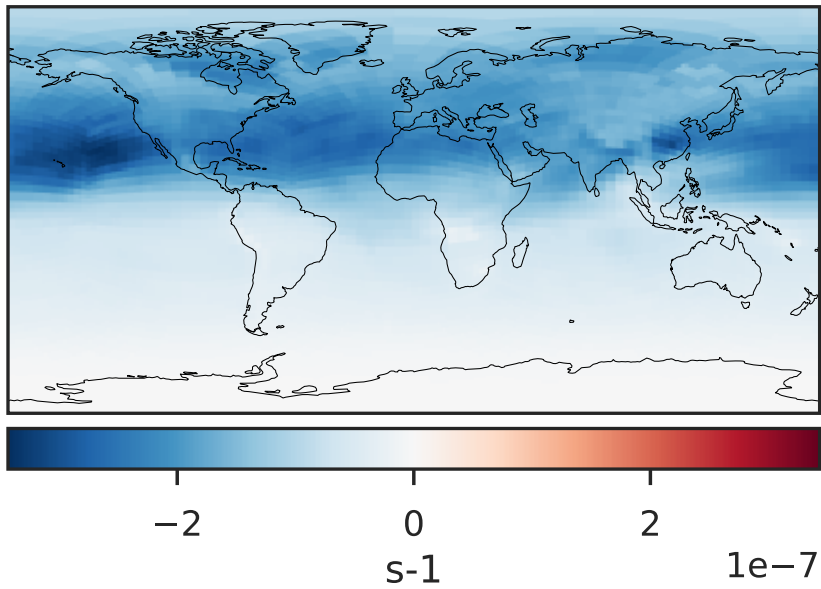
GCHP_14.0.0 (Ref)
c24



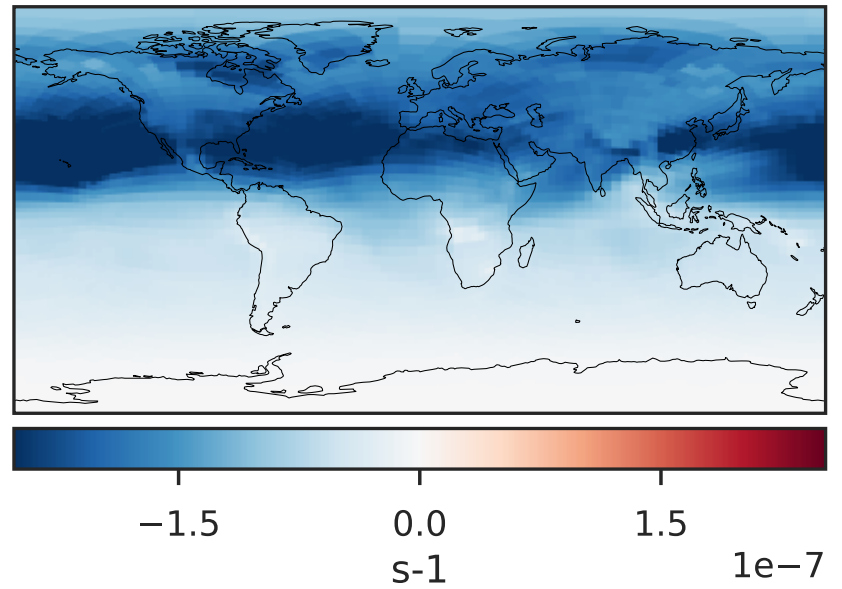
GCHP_14.2.0 (Dev)
c24



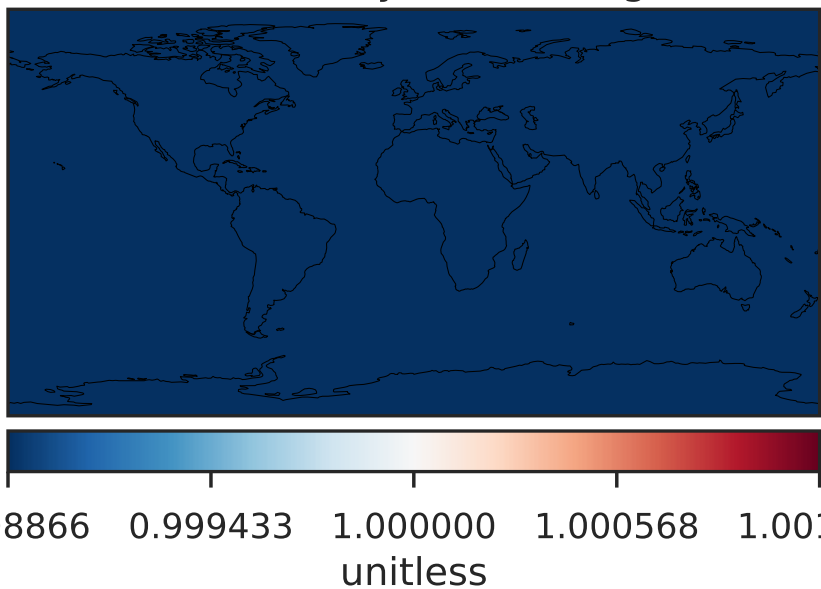
Difference (1x1.25)
Dev - Ref, Dynamic Range



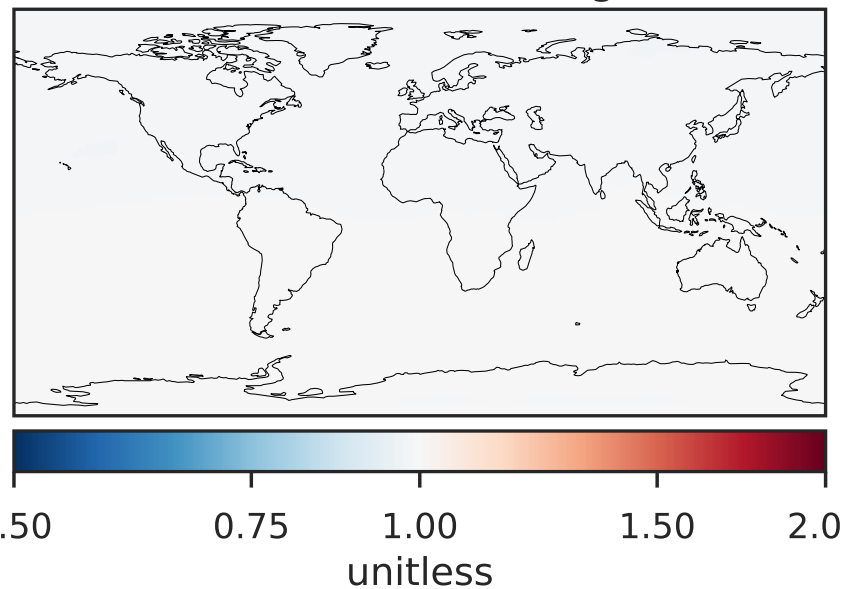
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

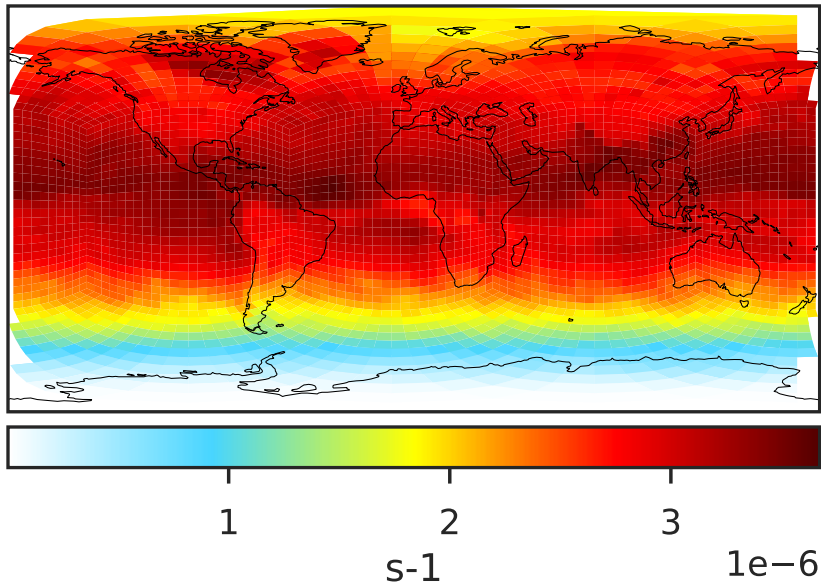


Ratio (1x1.25)
Dev/Ref, Fixed Range

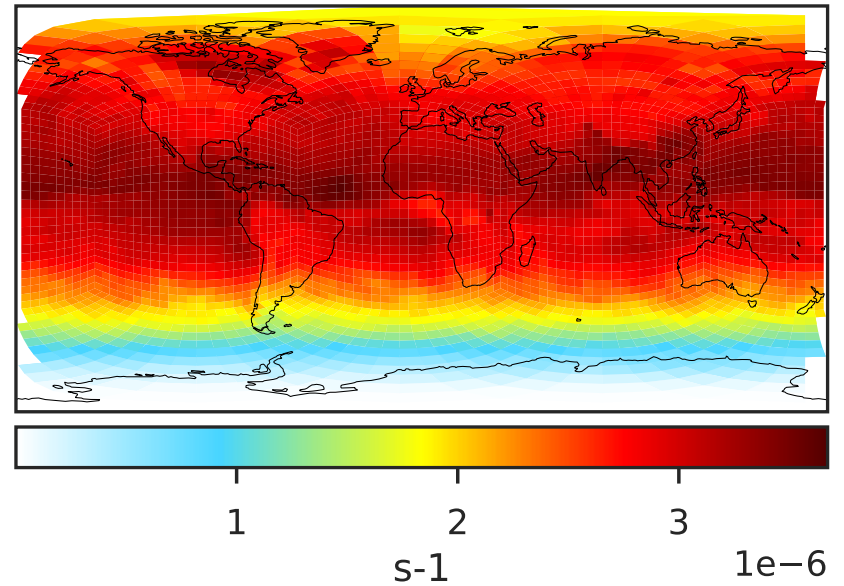


Jval_PRPN (Apr2019)

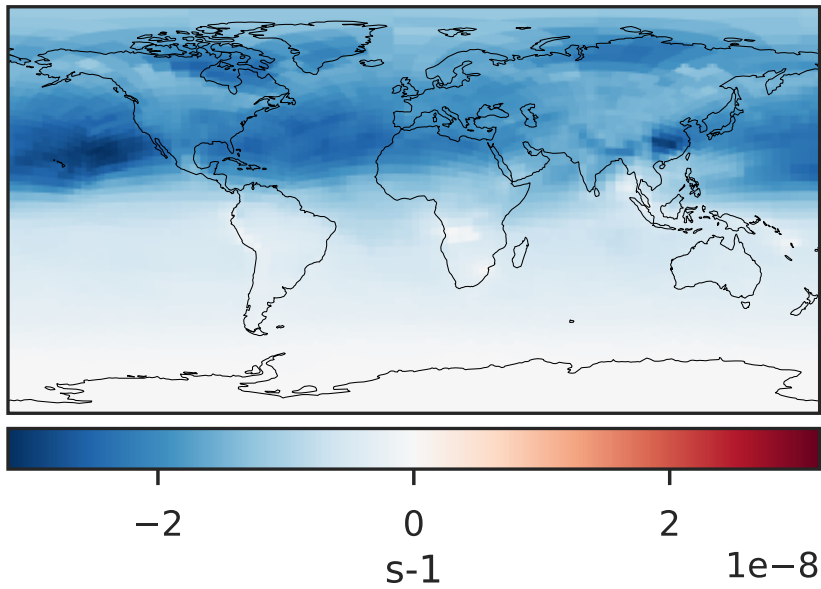
GCHP_14.0.0 (Ref)
c24



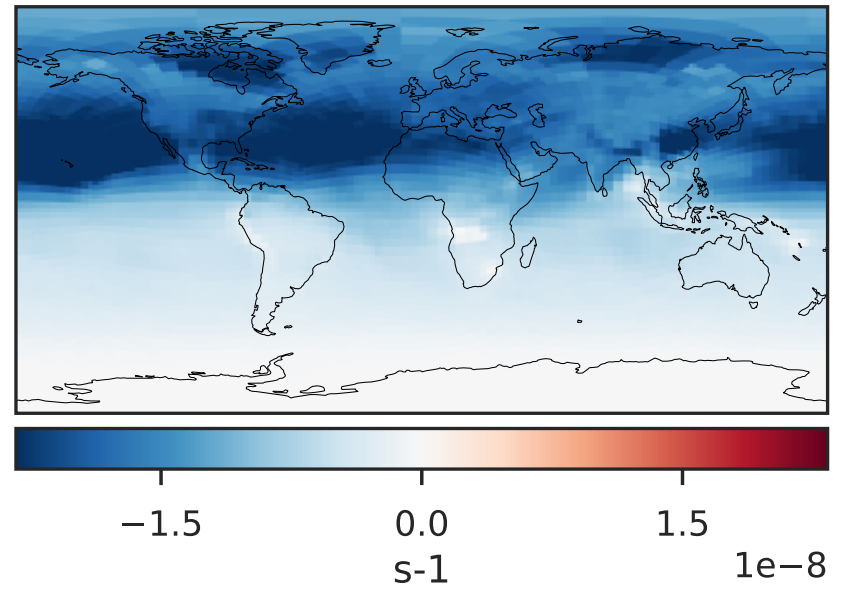
GCHP_14.2.0 (Dev)
c24



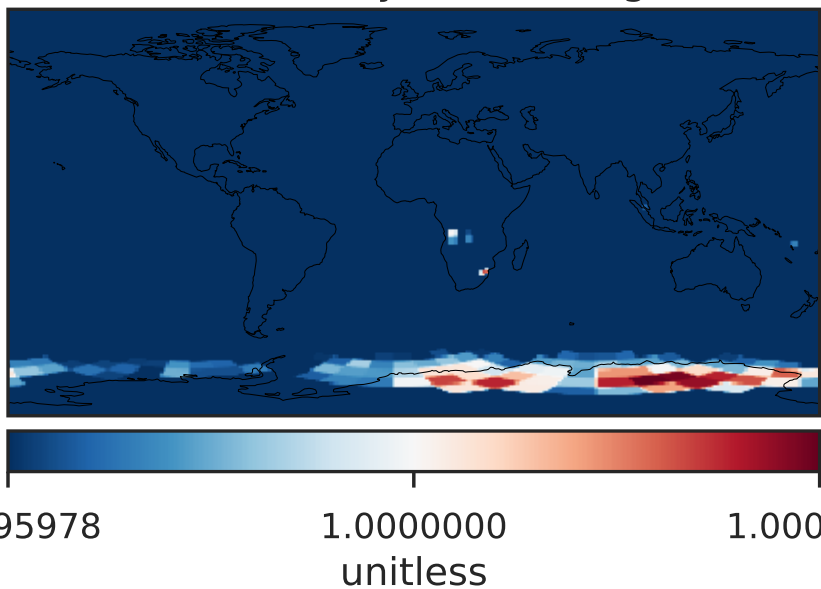
Difference (1x1.25)
Dev - Ref, Dynamic Range



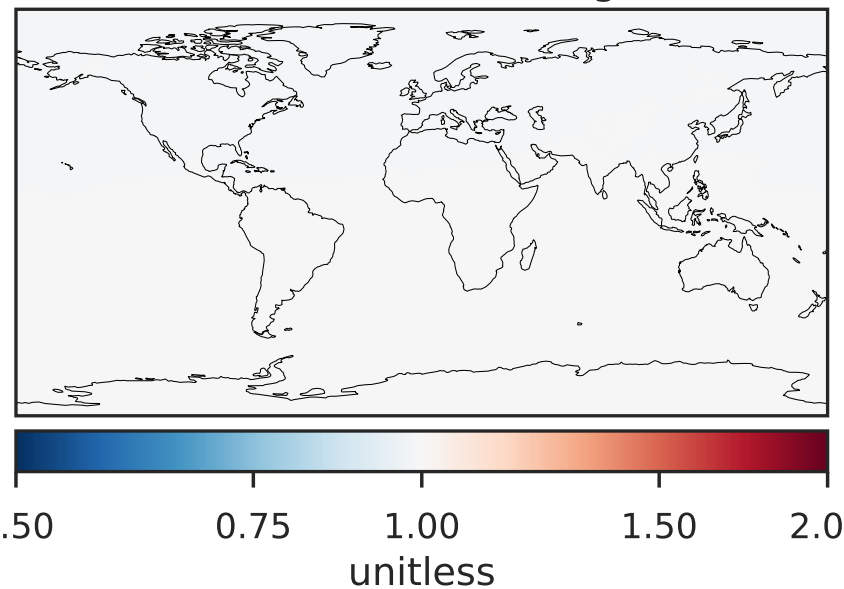
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

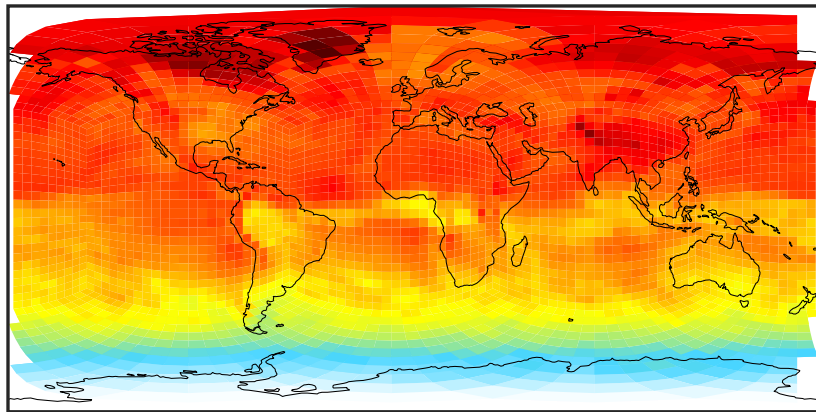


Ratio (1x1.25)
Dev/Ref, Fixed Range



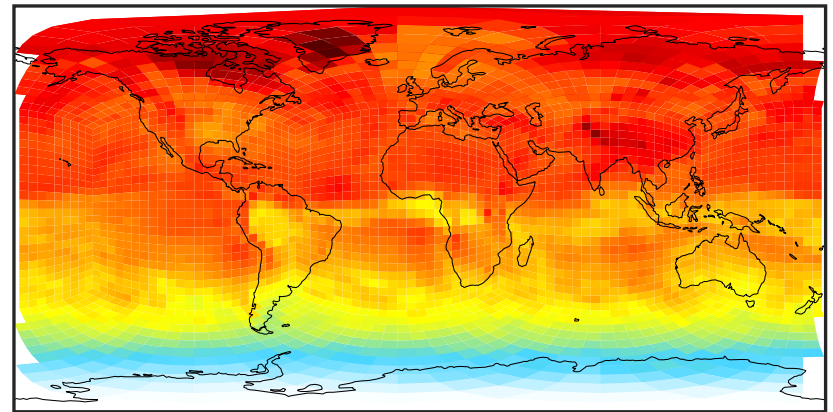
Jval_PYAC (Apr2019)

GCHP_14.0.0 (Ref)
c24



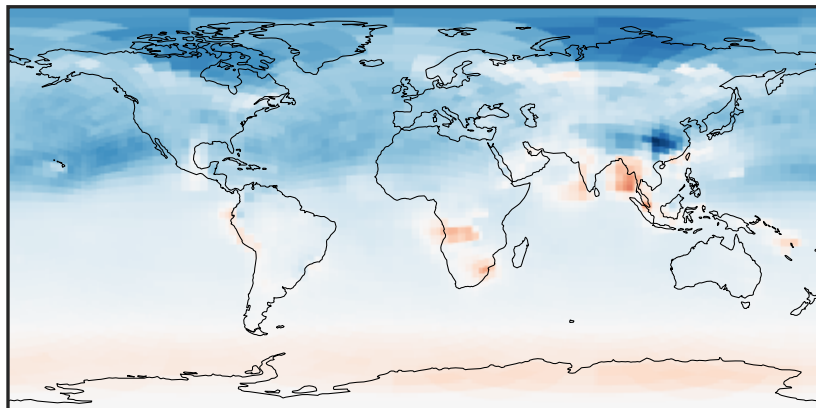
0.00006 0.00012 0.00018
s-1

GCHP_14.2.0 (Dev)
c24



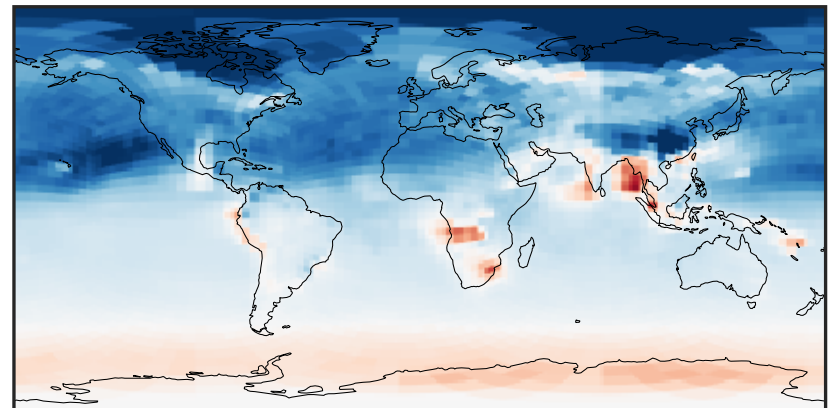
0.00006 0.00012 0.00018
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



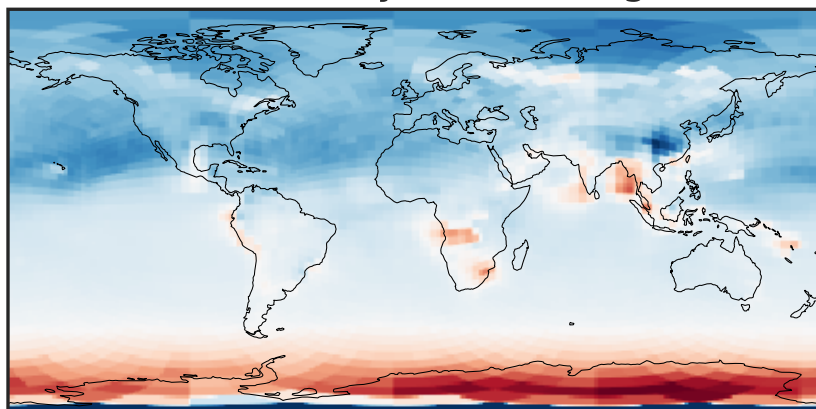
-3 0 3
s-1 1e-7

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



-2 0 2
s-1 1e-7

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.996755 0.998378 1.000000 1.001628 1.003255
unitless

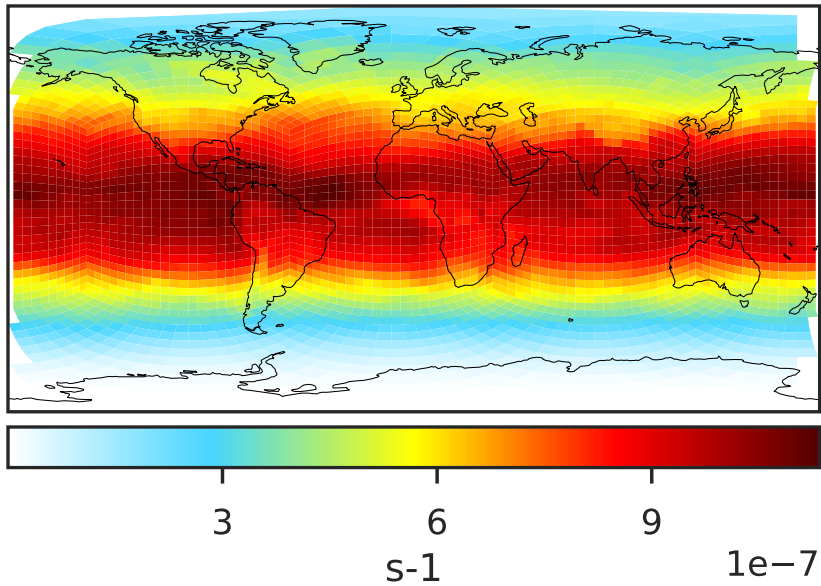
Ratio (1x1.25)
Dev/Ref, Fixed Range



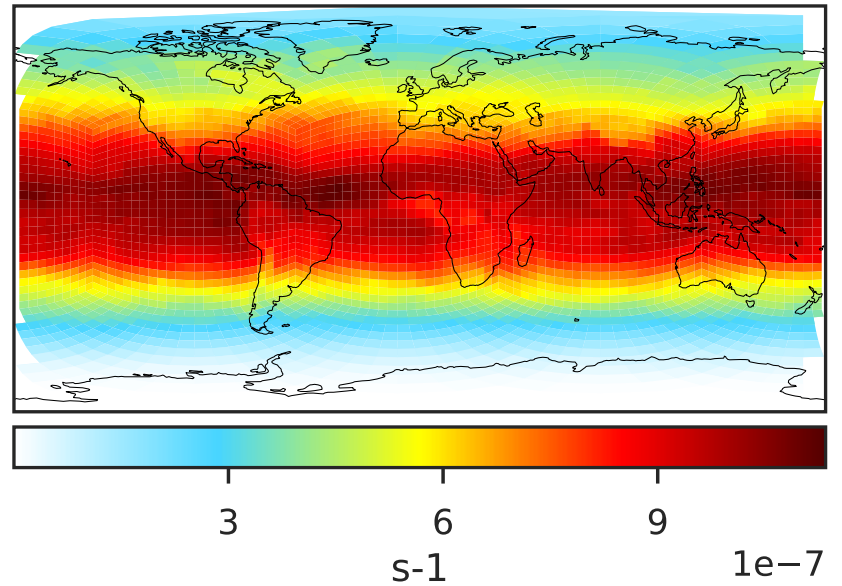
0.50 0.75 1.00 1.50 2.00
unitless

Jval_R4N2 (Apr2019)

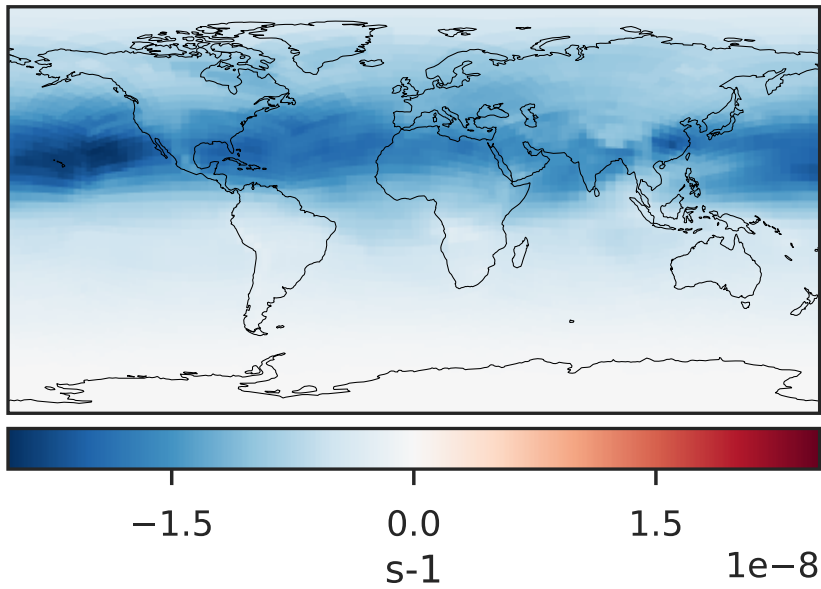
GCHP_14.0.0 (Ref)
c24



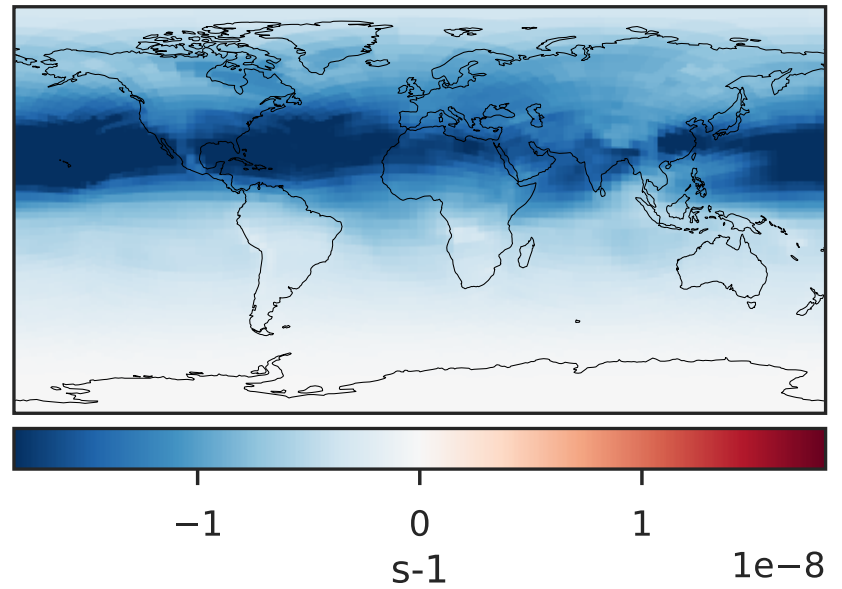
GCHP_14.2.0 (Dev)
c24



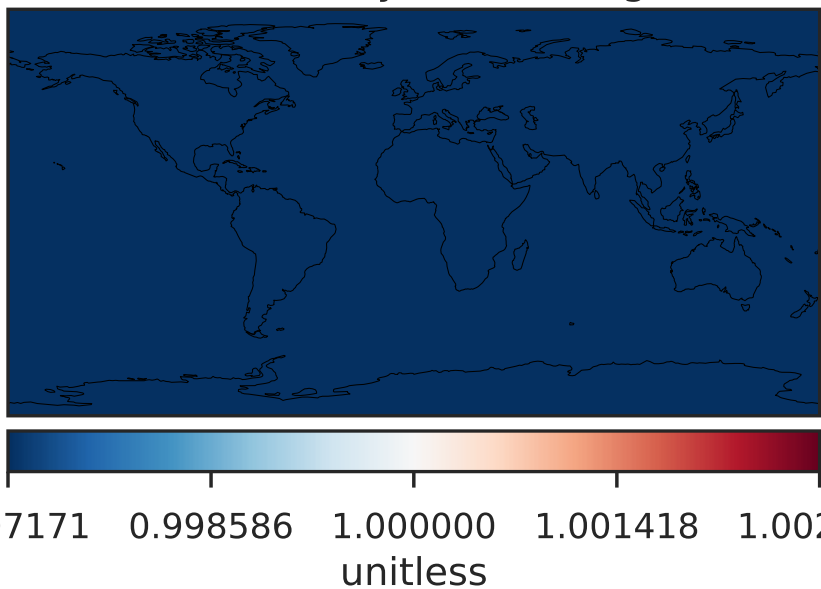
Difference (1x1.25)
Dev - Ref, Dynamic Range



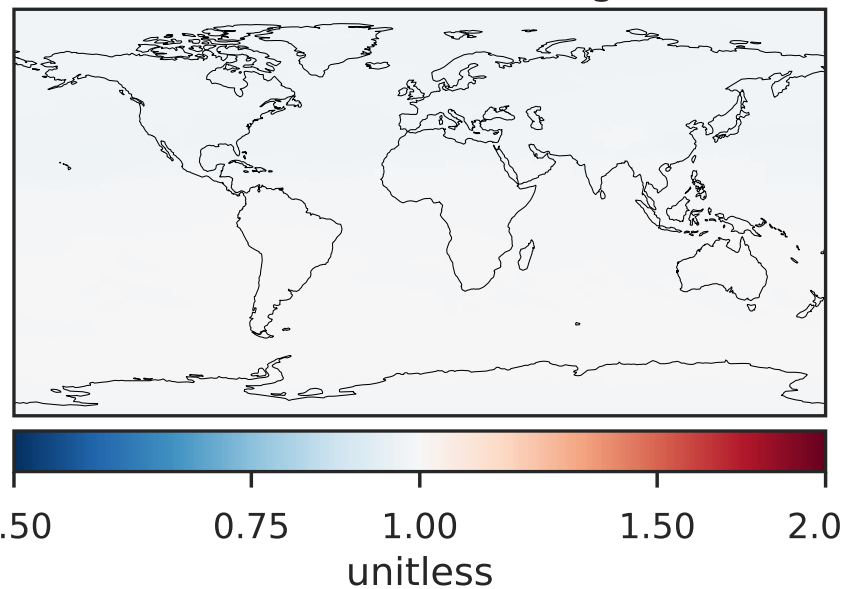
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

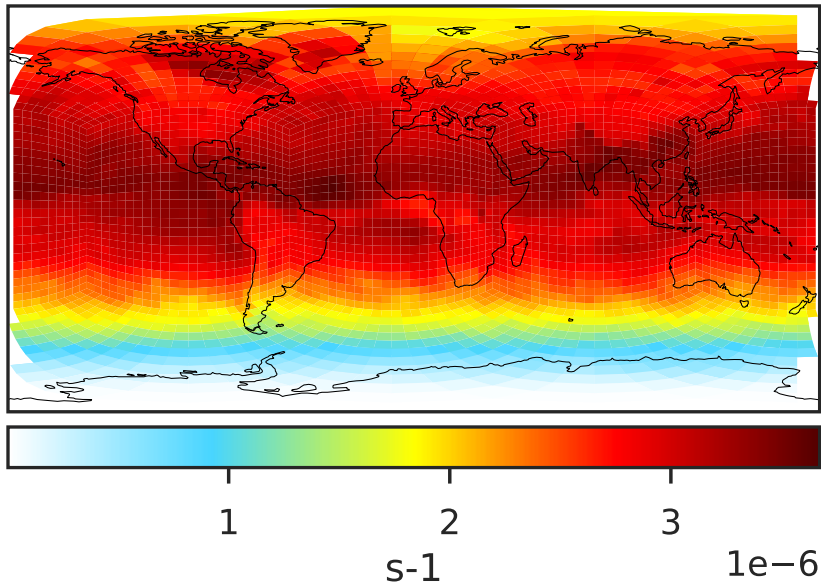


Ratio (1x1.25)
Dev/Ref, Fixed Range

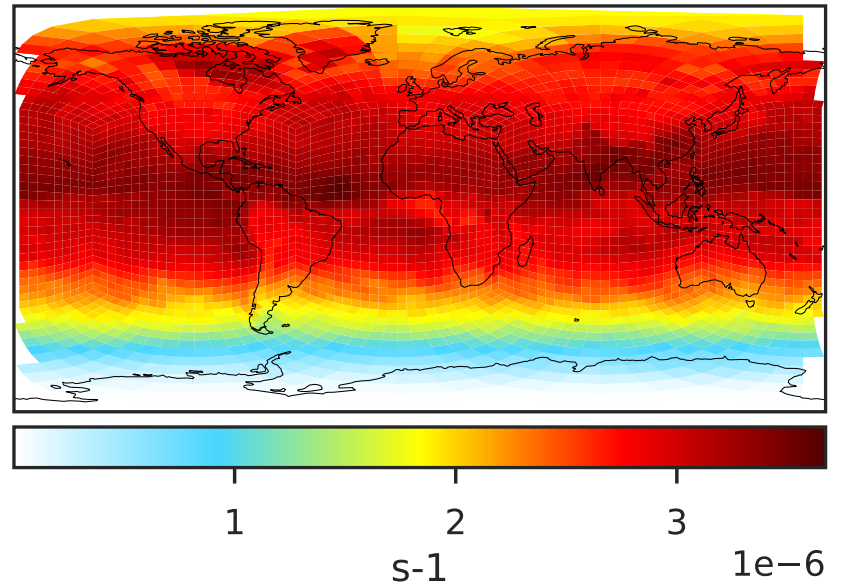


Jval_R4P (Apr2019)

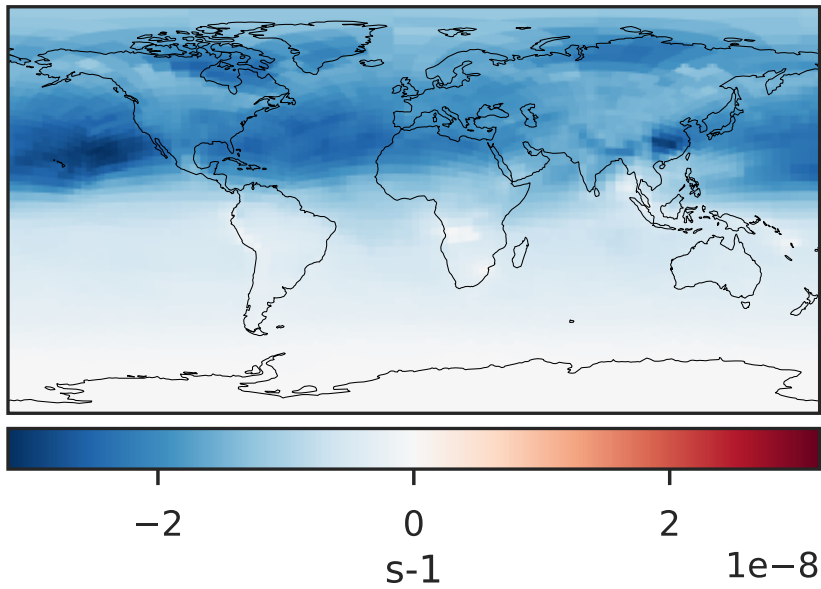
GCHP_14.0.0 (Ref)
c24



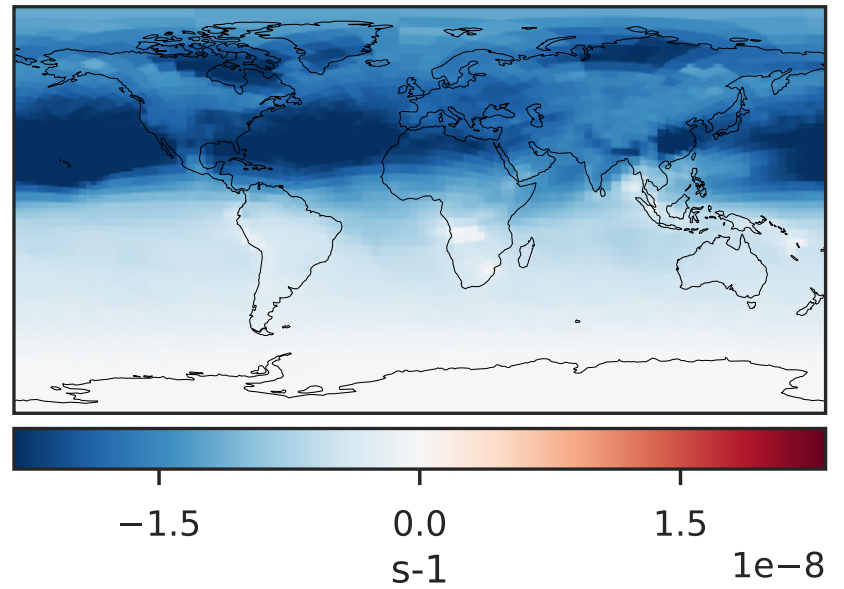
GCHP_14.2.0 (Dev)
c24



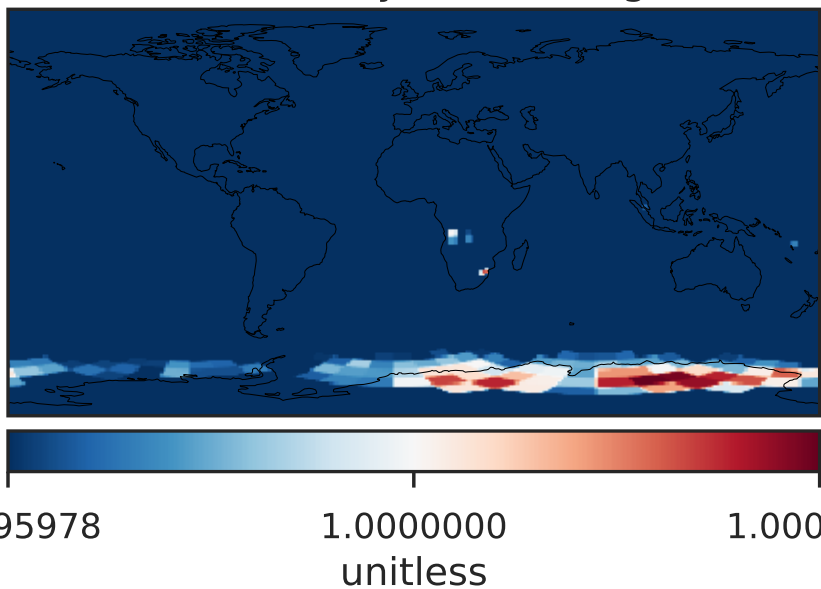
Difference (1x1.25)
Dev - Ref, Dynamic Range



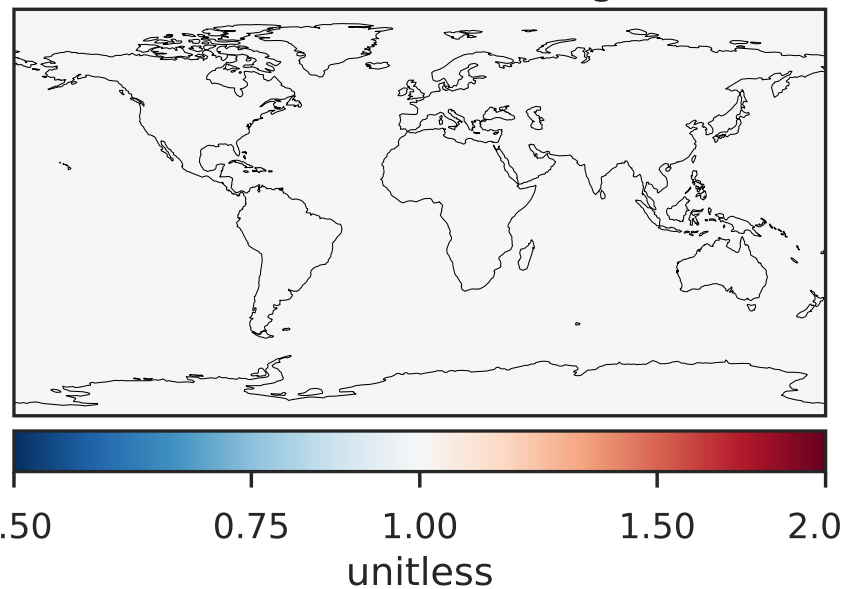
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

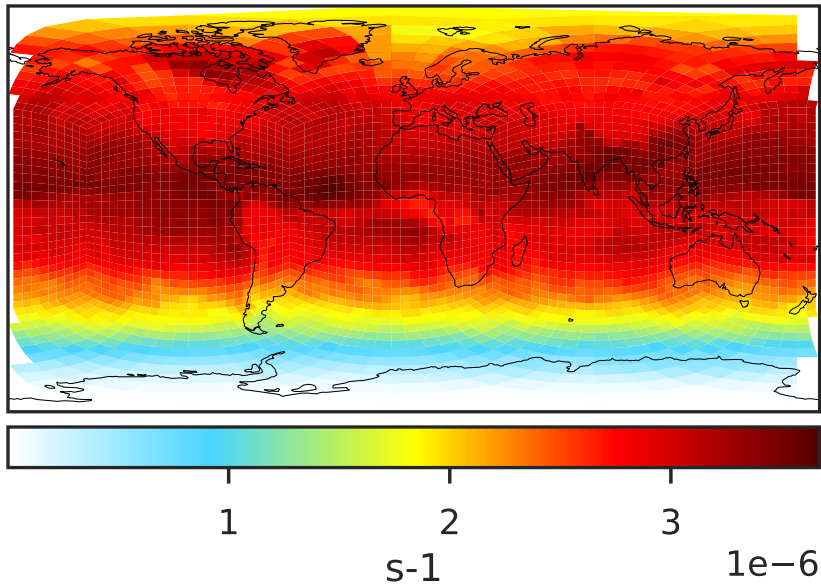


Ratio (1x1.25)
Dev/Ref, Fixed Range

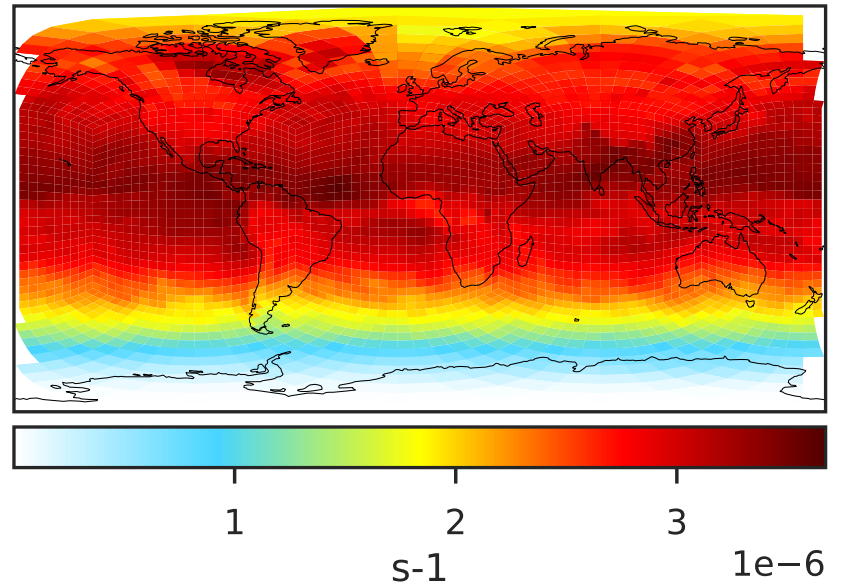


Jval_RA3P (Apr2019)

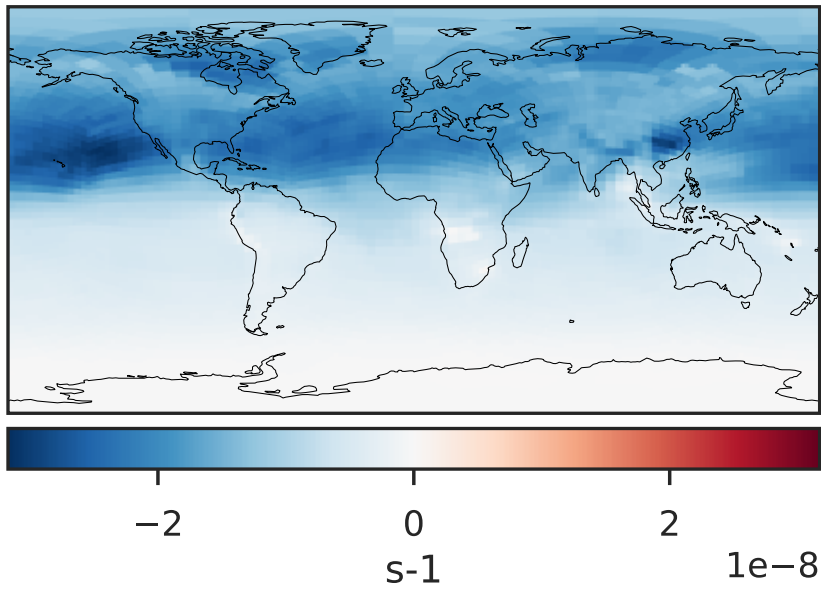
GCHP_14.0.0 (Ref)
c24



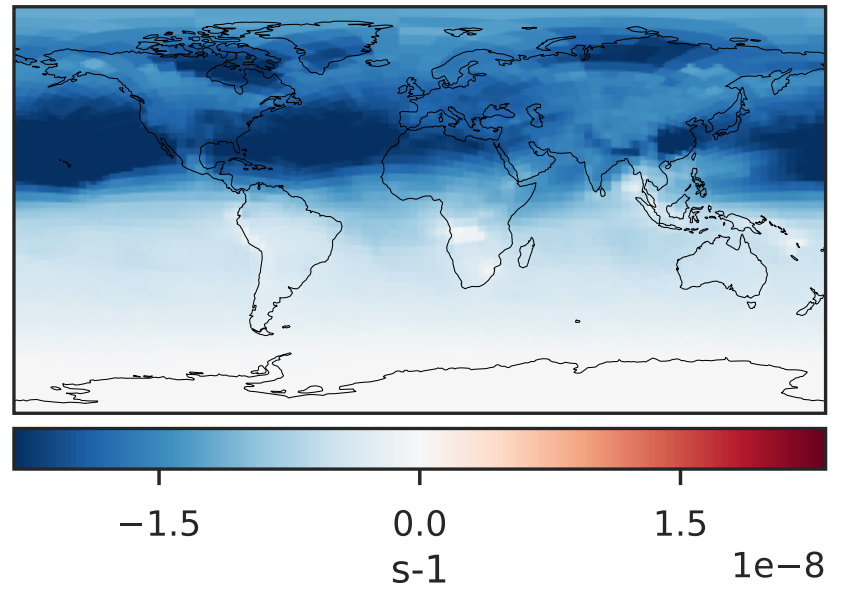
GCHP_14.2.0 (Dev)
c24



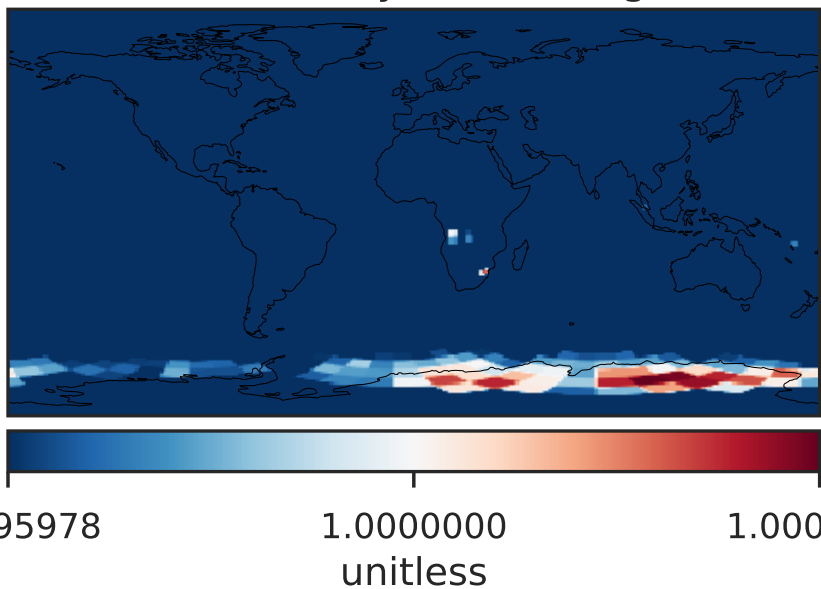
Difference (1x1.25)
Dev - Ref, Dynamic Range



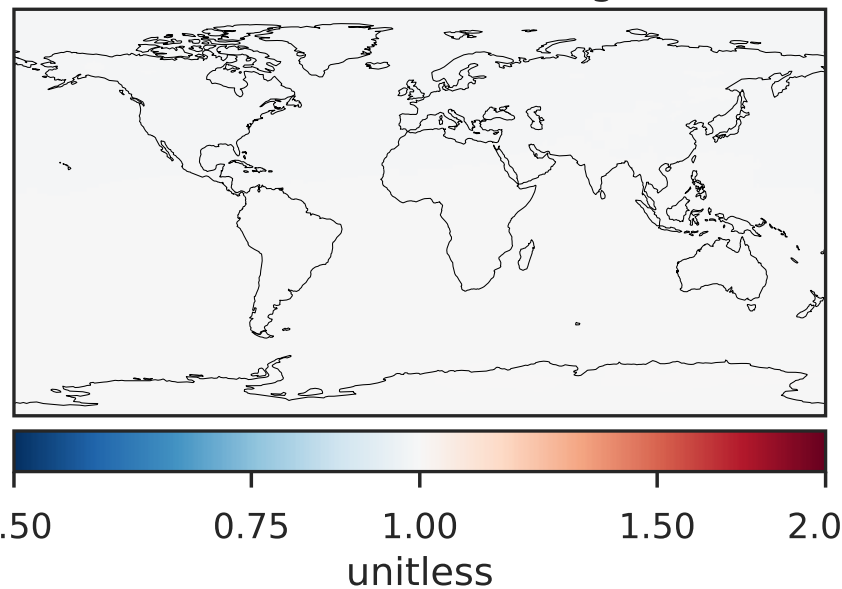
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

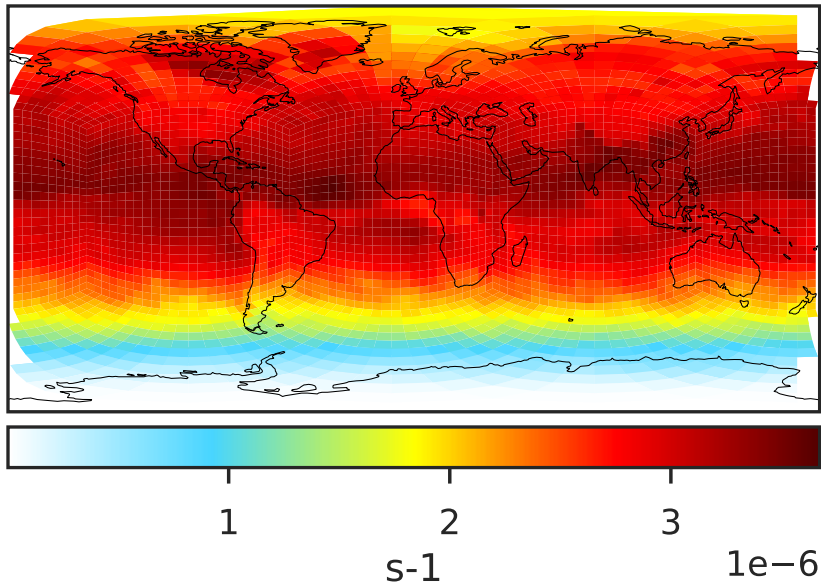


Ratio (1x1.25)
Dev/Ref, Fixed Range

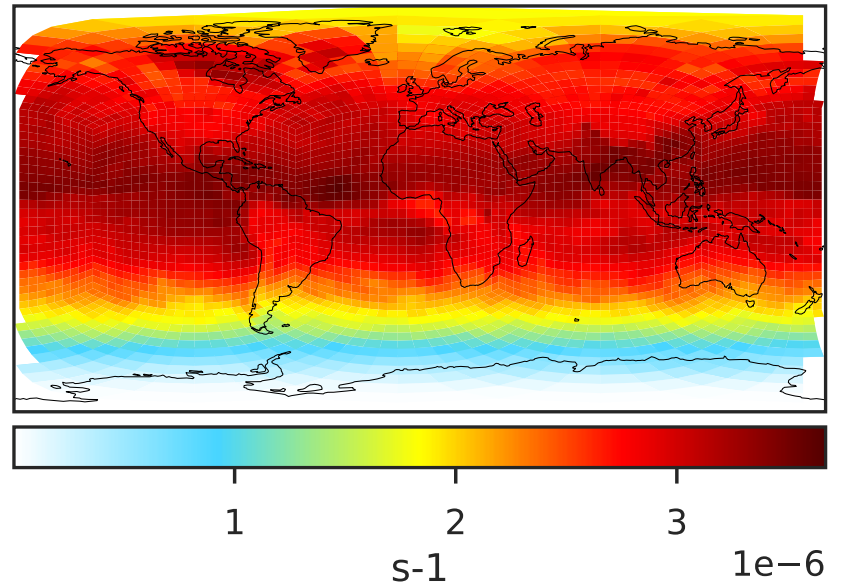


Jval_RB3P (Apr2019)

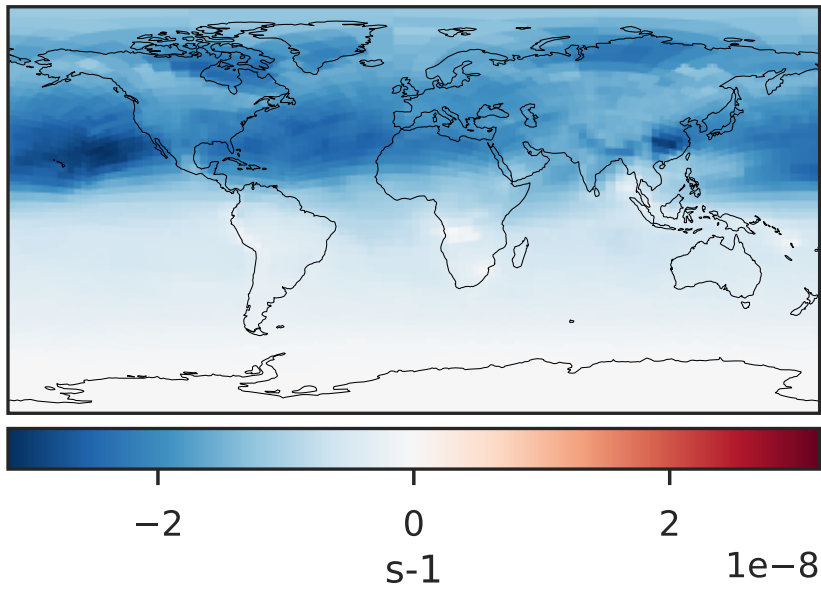
GCHP_14.0.0 (Ref)
c24



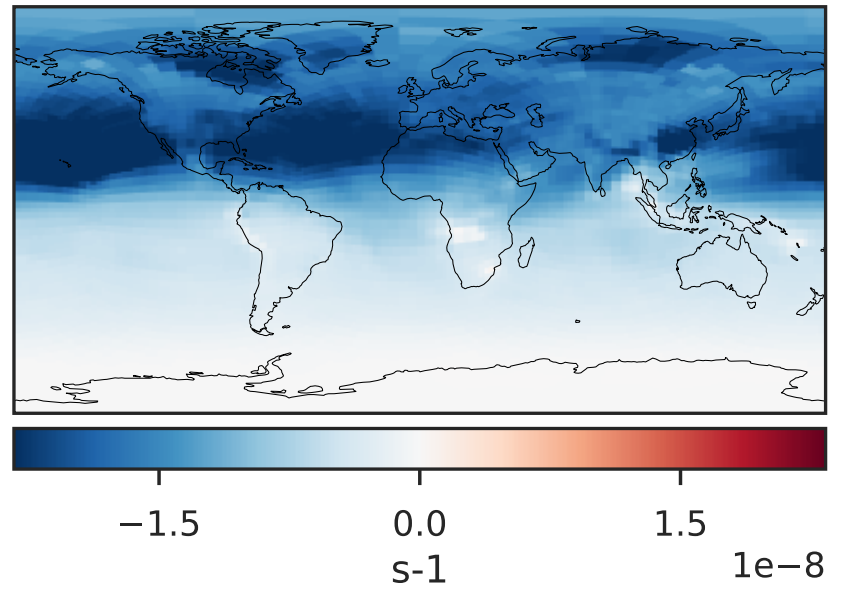
GCHP_14.2.0 (Dev)
c24



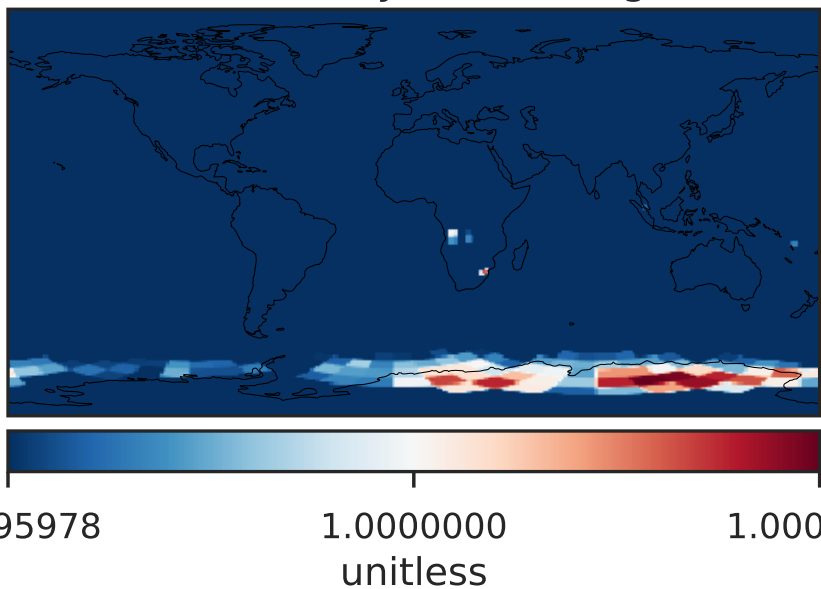
Difference (1x1.25)
Dev - Ref, Dynamic Range



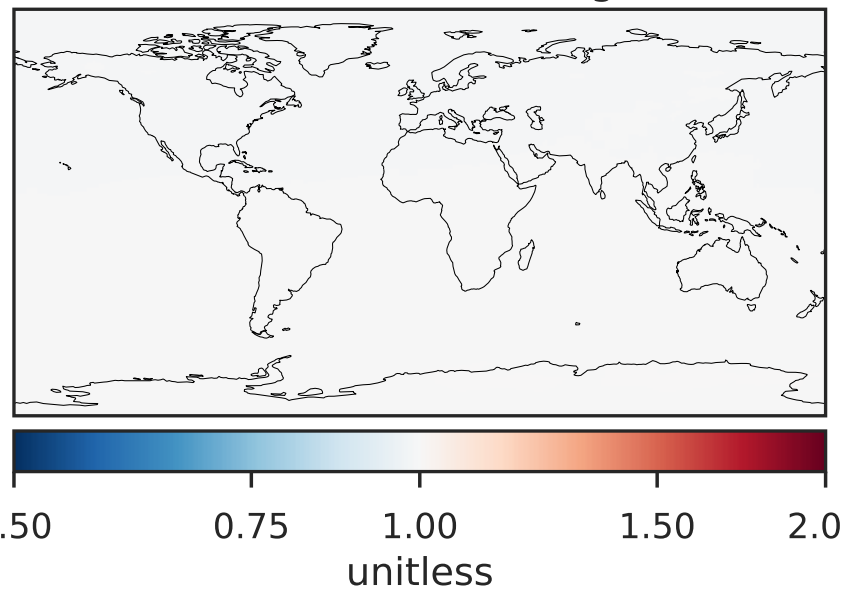
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

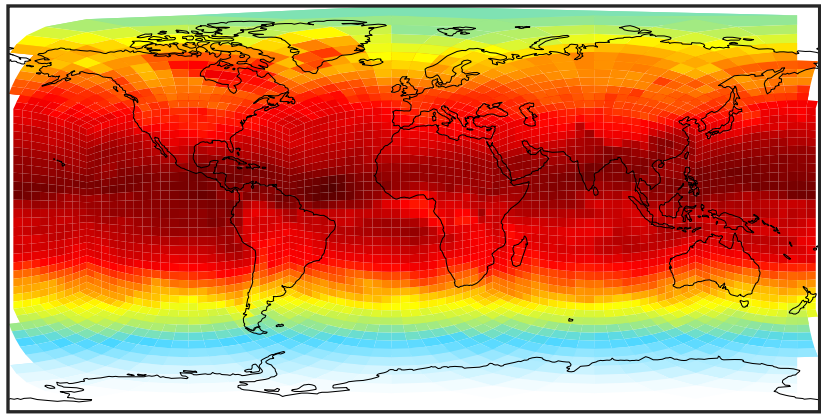


Ratio (1x1.25)
Dev/Ref, Fixed Range



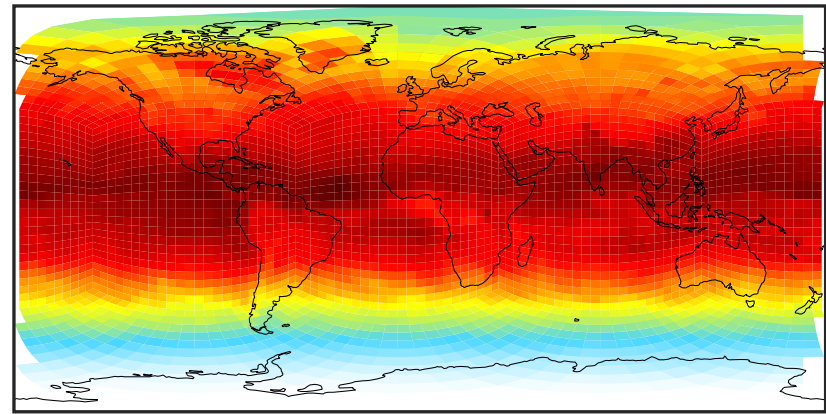
Jval_RCHO (Apr2019)

GCHP_14.0.0 (Ref)
c24



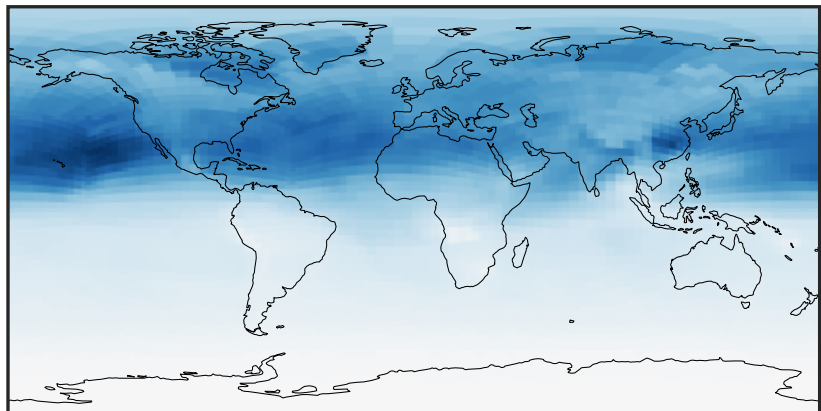
0.8 1.6 2.4
s-1 $1e-5$

GCHP_14.2.0 (Dev)
c24



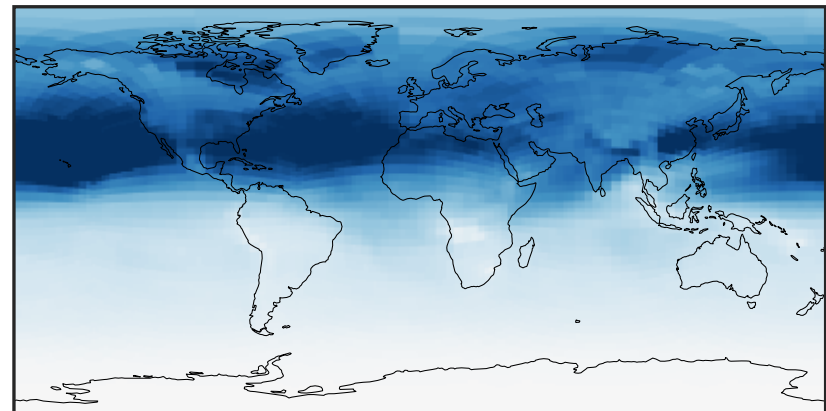
0.8 1.6 2.4
s-1 $1e-5$

Difference (1x1.25)
Dev - Ref, Dynamic Range



-2.5 0.0 2.5
s-1 $1e-7$

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



-2 0 2
s-1 $1e-7$

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.999113 1.000000 1.000888
unitless

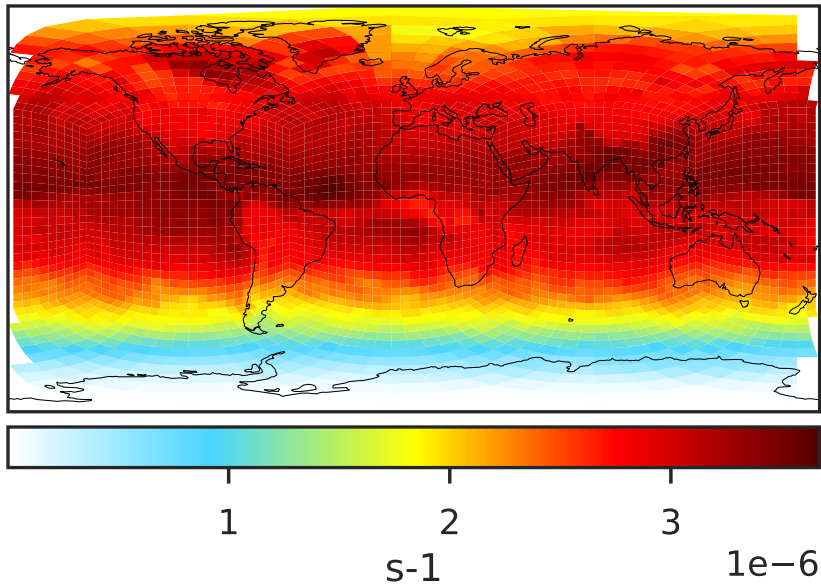
Ratio (1x1.25)
Dev/Ref, Fixed Range



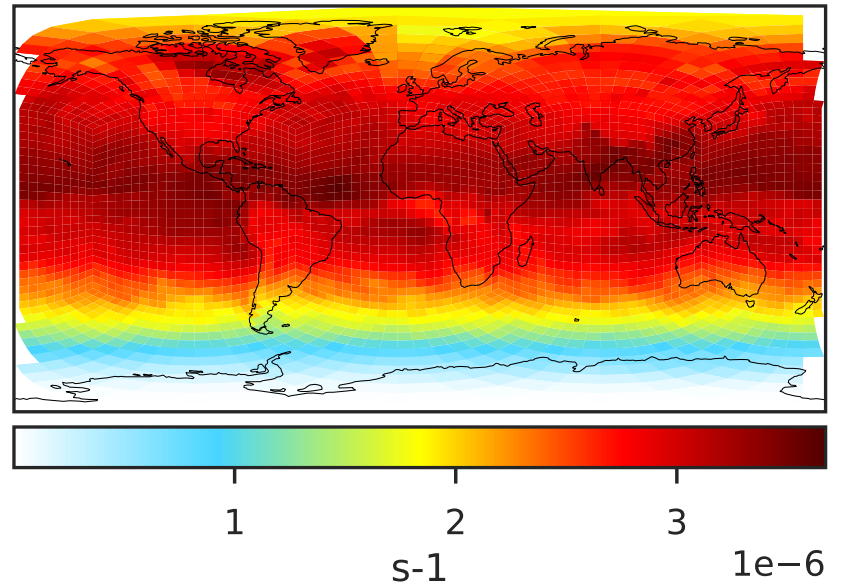
0.50 0.75 1.00 1.50 2.00
unitless

Jval_RIPA (Apr2019)

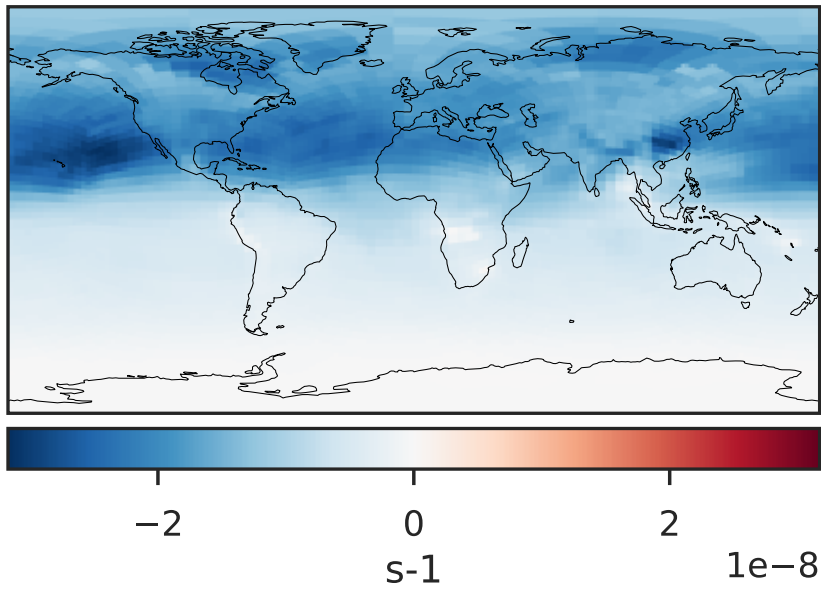
GCHP_14.0.0 (Ref)
c24



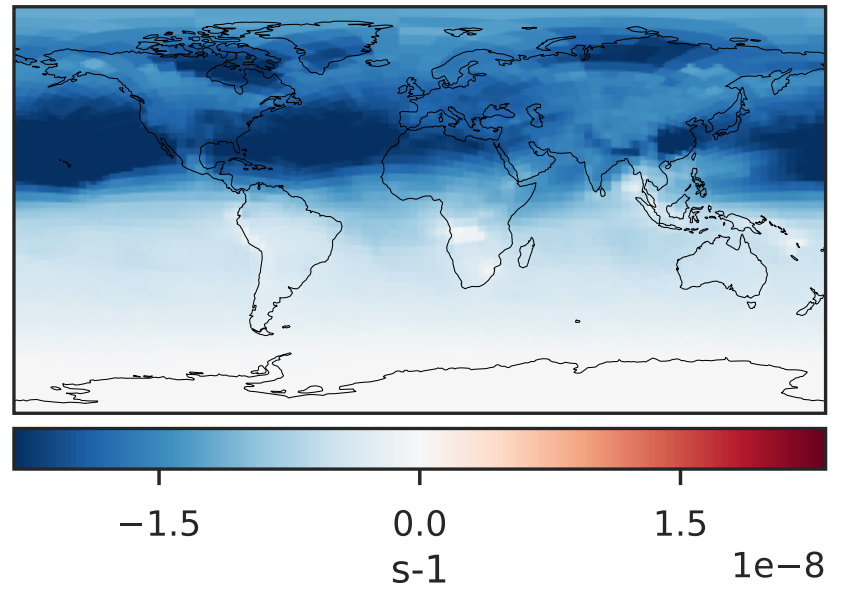
GCHP_14.2.0 (Dev)
c24



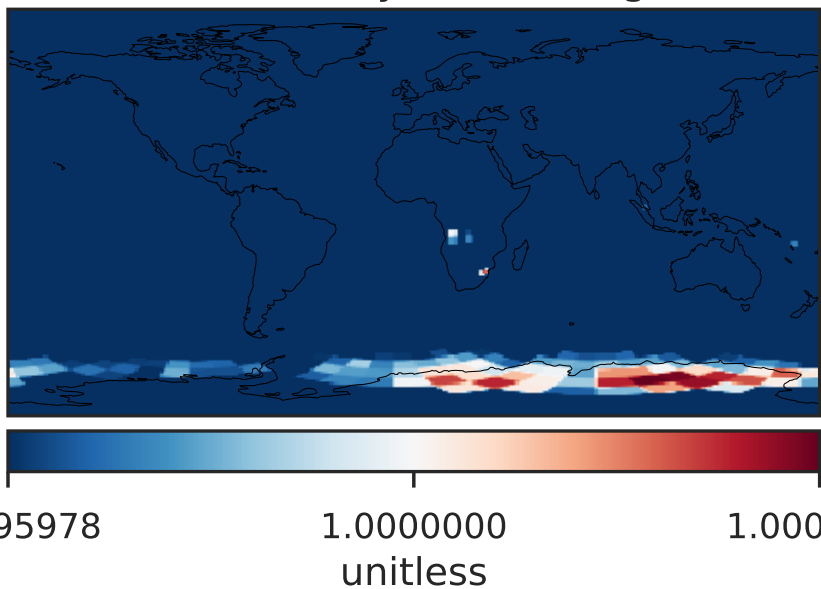
Difference (1x1.25)
Dev - Ref, Dynamic Range



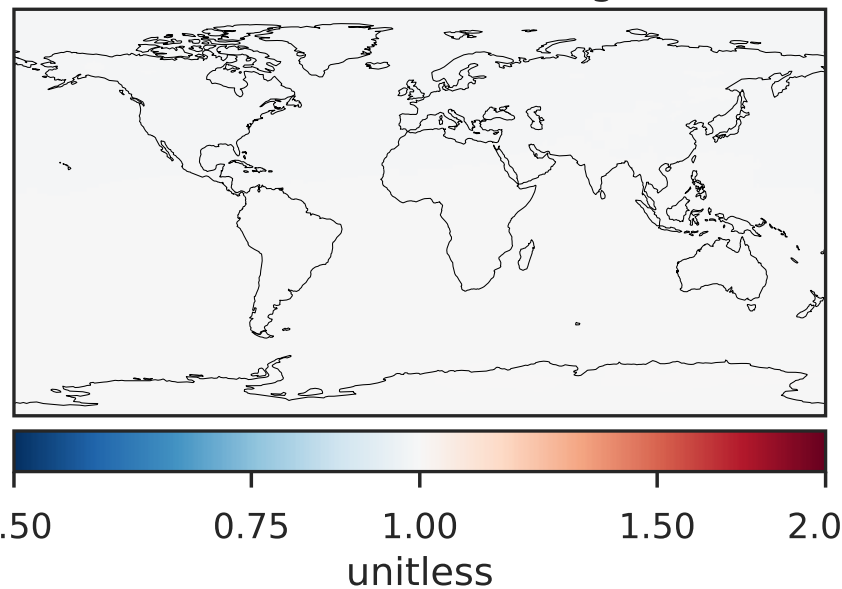
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

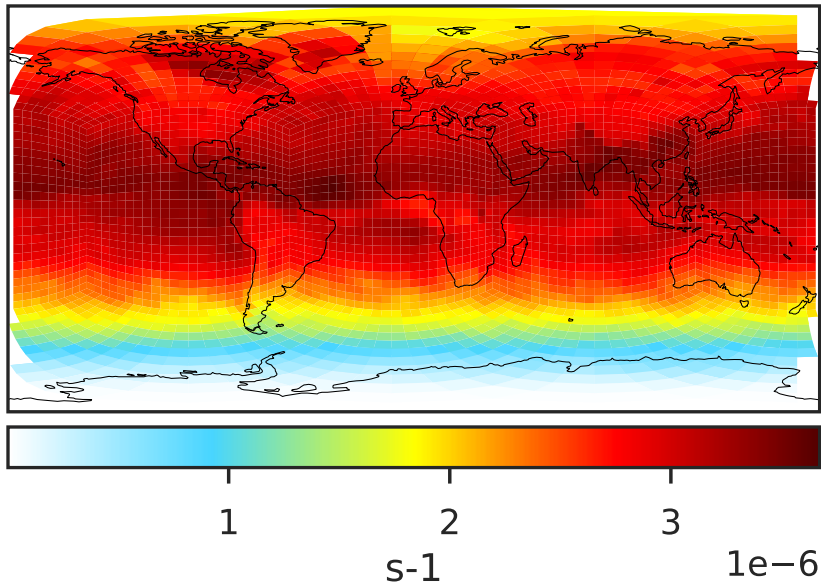


Ratio (1x1.25)
Dev/Ref, Fixed Range

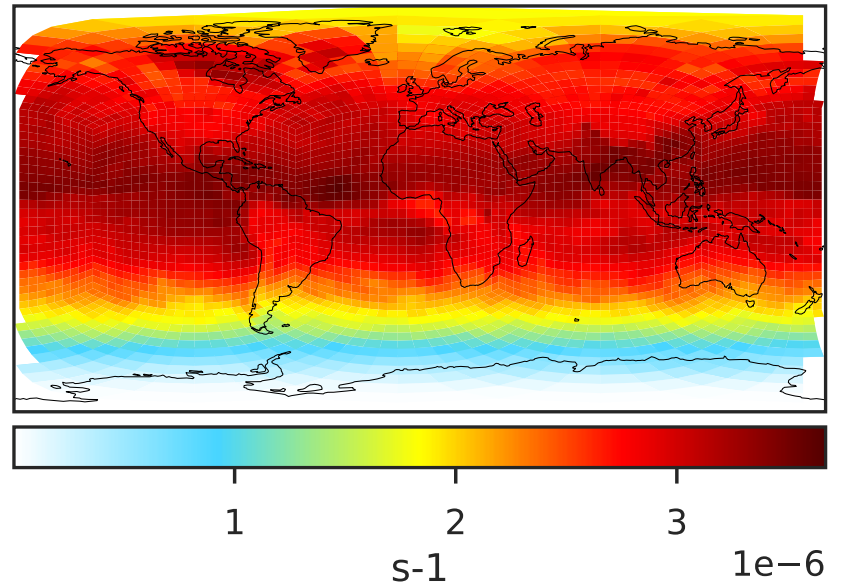


Jval_RIPB (Apr2019)

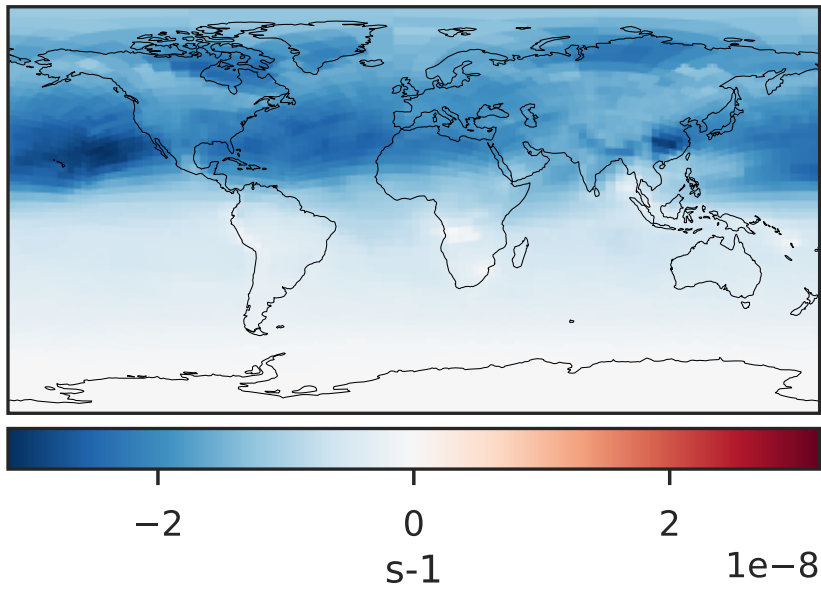
GCHP_14.0.0 (Ref)
c24



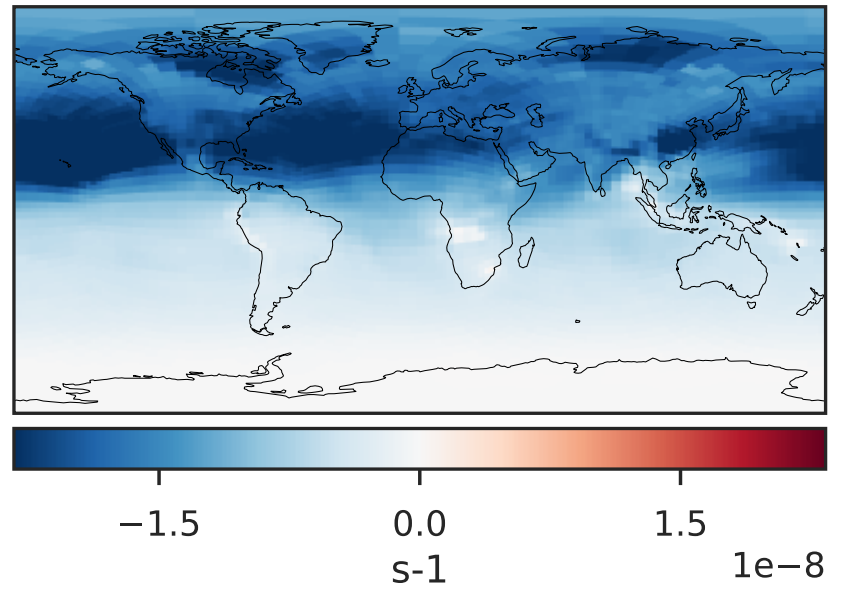
GCHP_14.2.0 (Dev)
c24



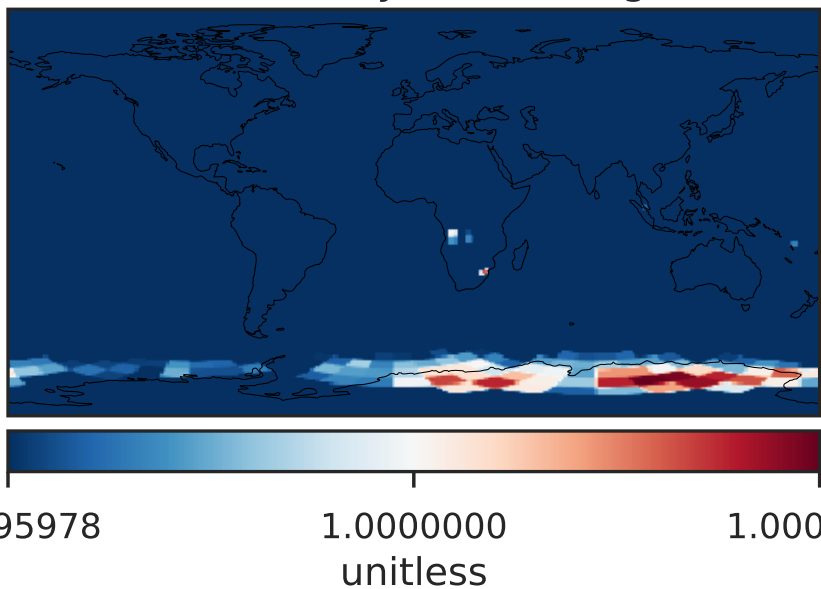
Difference (1x1.25)
Dev - Ref, Dynamic Range



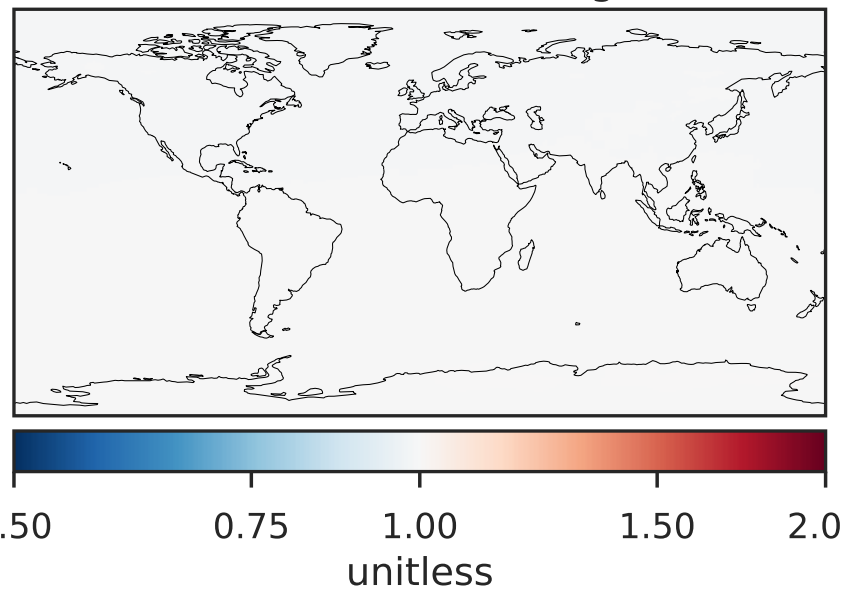
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

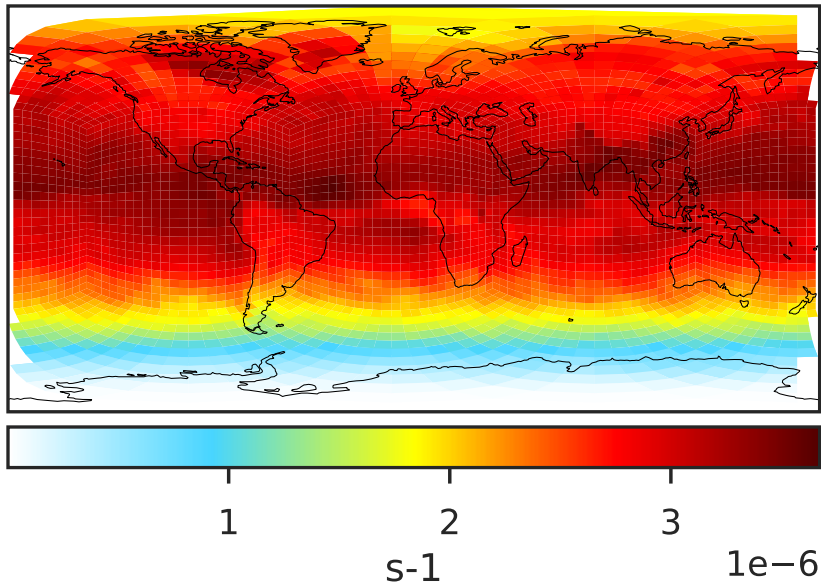


Ratio (1x1.25)
Dev/Ref, Fixed Range

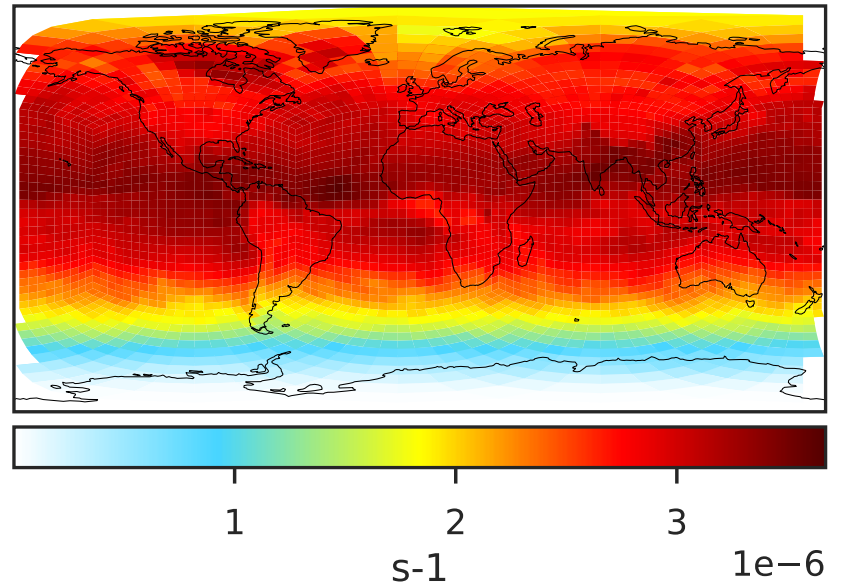


Jval_RIPC (Apr2019)

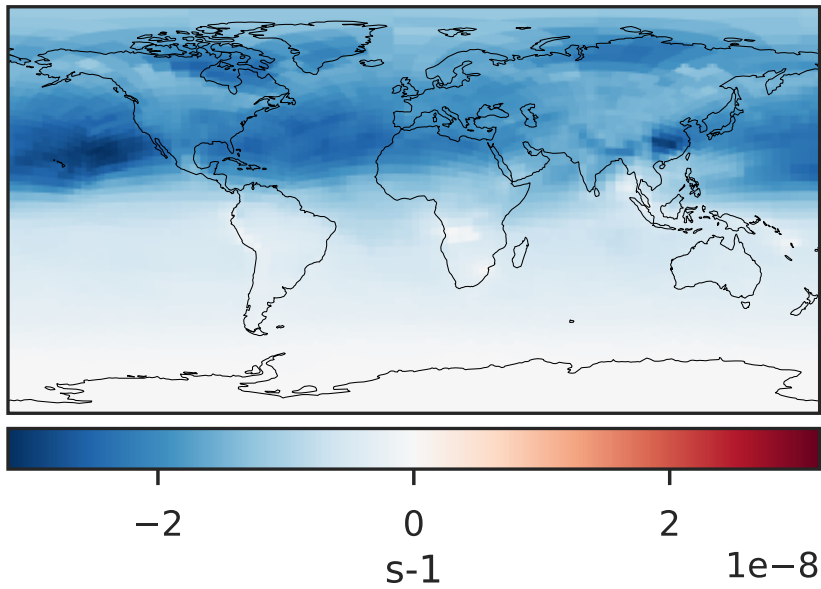
GCHP_14.0.0 (Ref)
c24



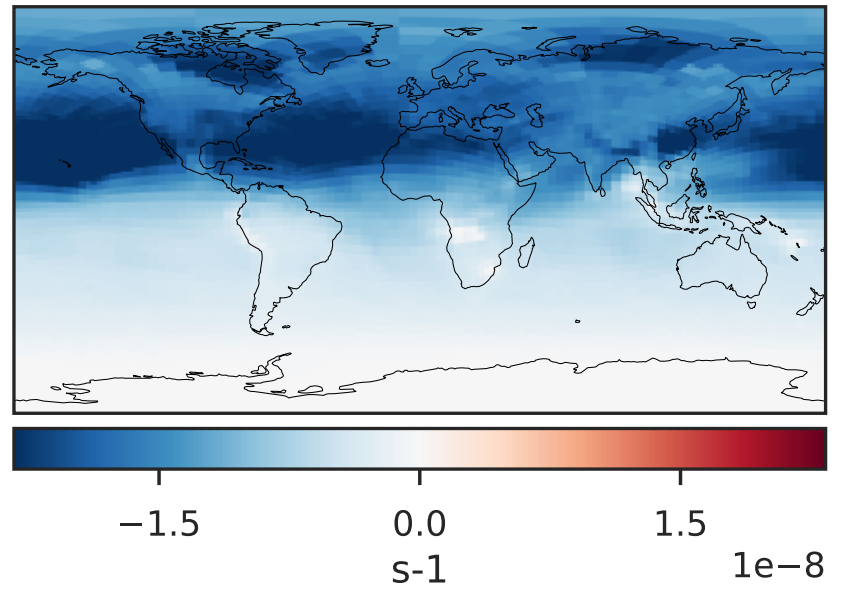
GCHP_14.2.0 (Dev)
c24



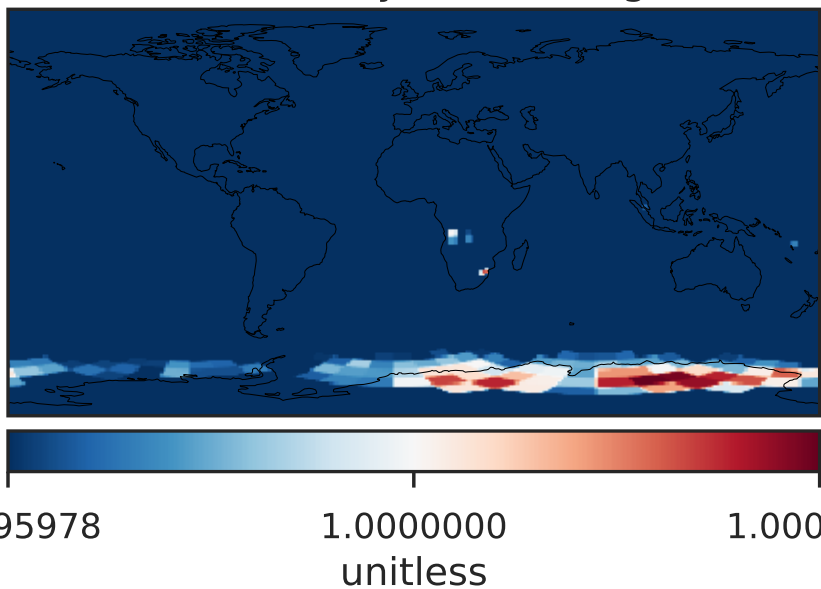
Difference (1x1.25)
Dev - Ref, Dynamic Range



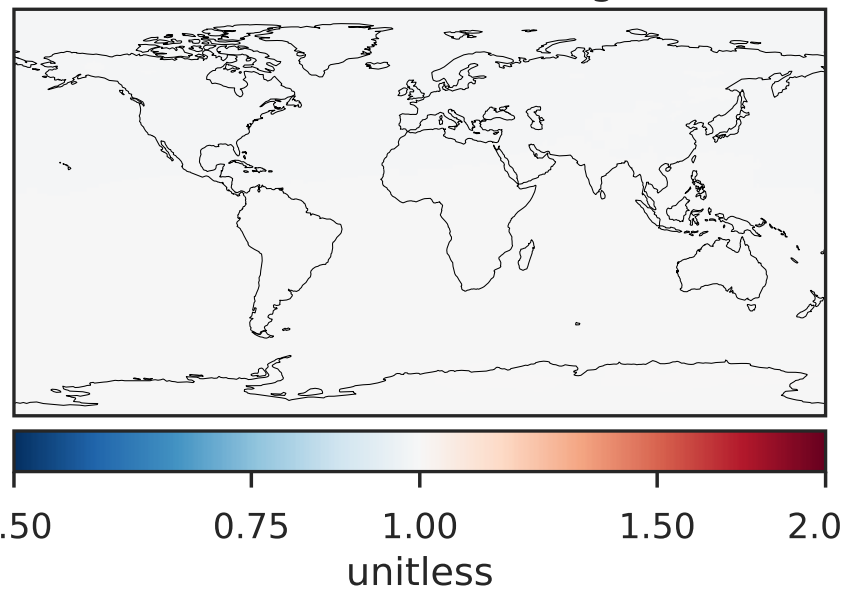
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

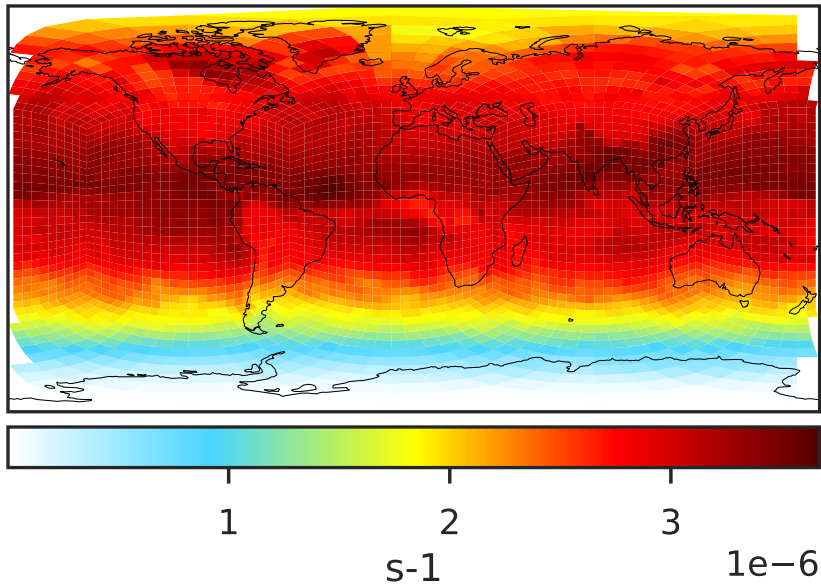


Ratio (1x1.25)
Dev/Ref, Fixed Range

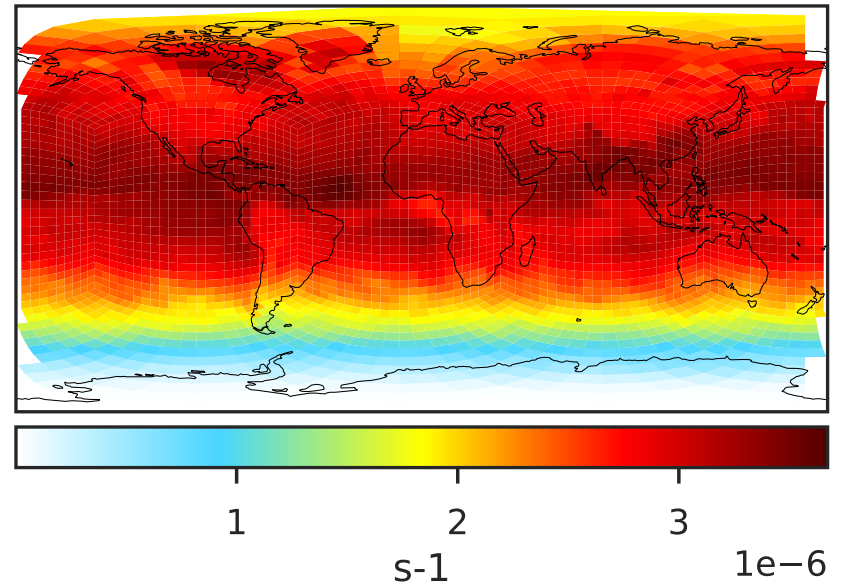


Jval_RIPD (Apr2019)

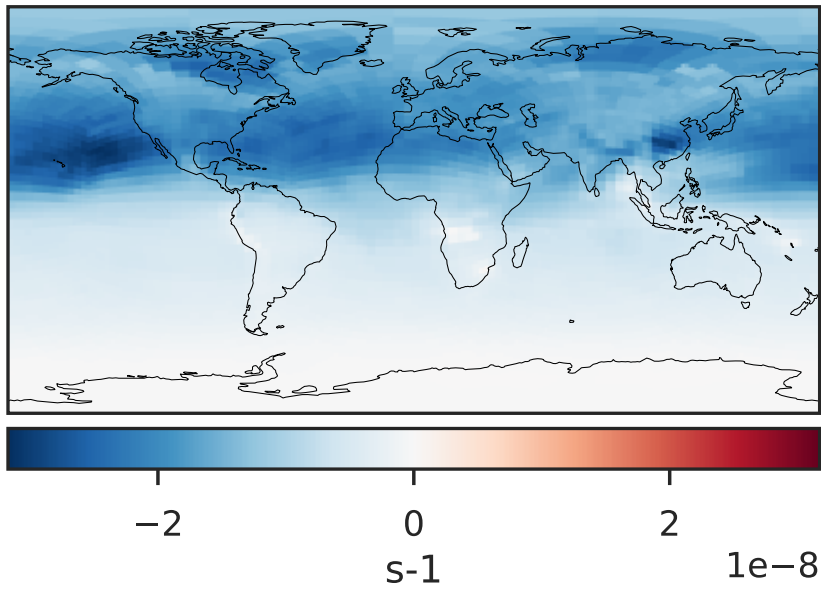
GCHP_14.0.0 (Ref)
c24



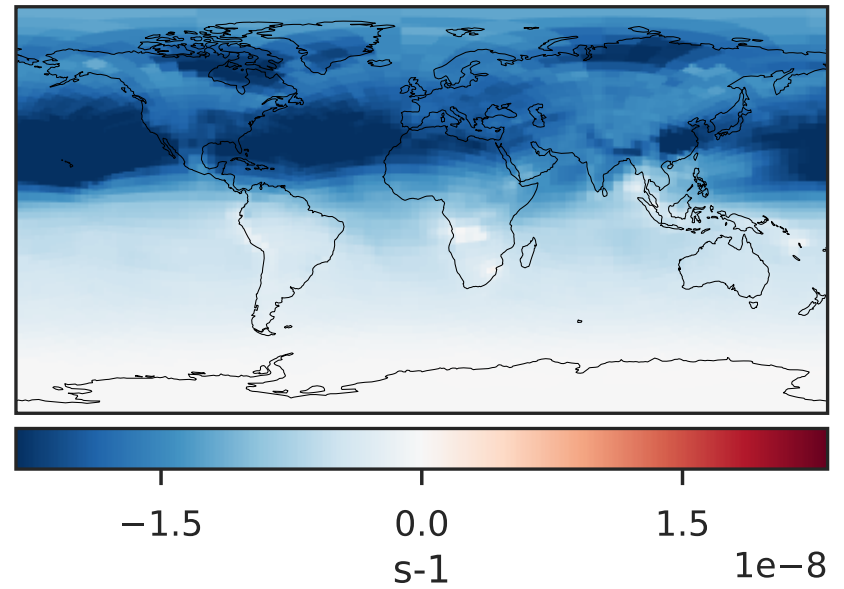
GCHP_14.2.0 (Dev)
c24



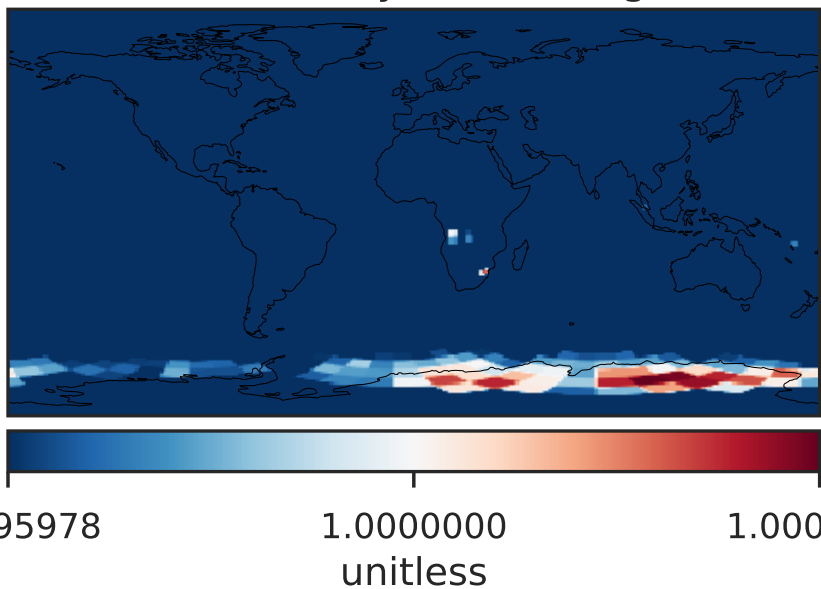
Difference (1x1.25)
Dev - Ref, Dynamic Range



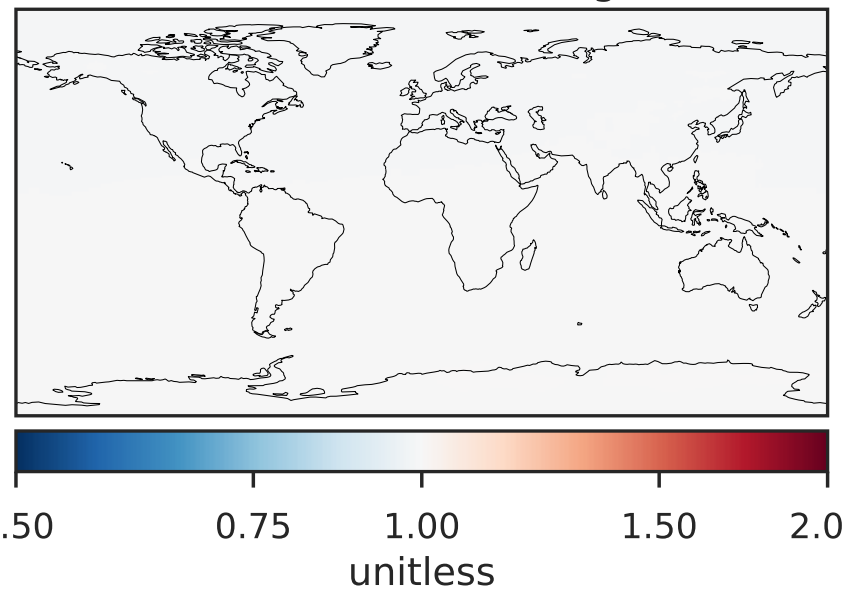
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

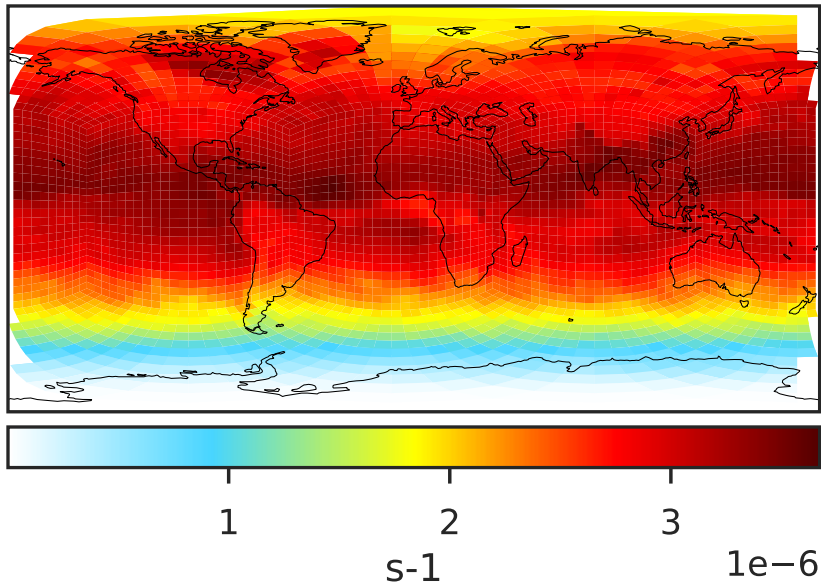


Ratio (1x1.25)
Dev/Ref, Fixed Range

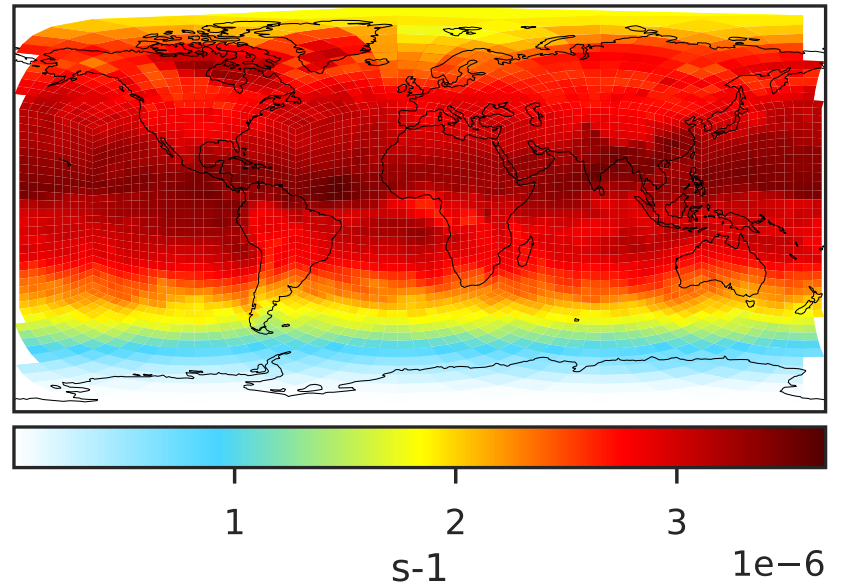


Jval_RP (Apr2019)

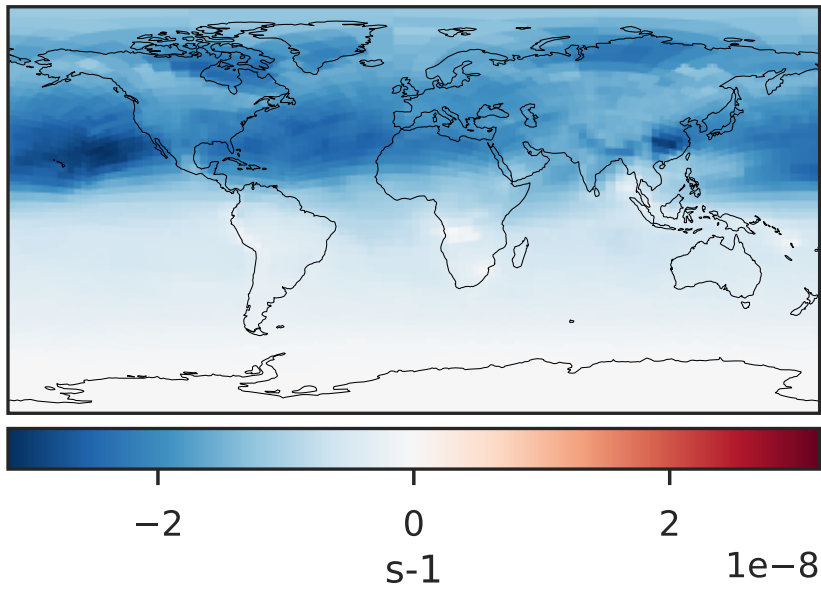
GCHP_14.0.0 (Ref)
c24



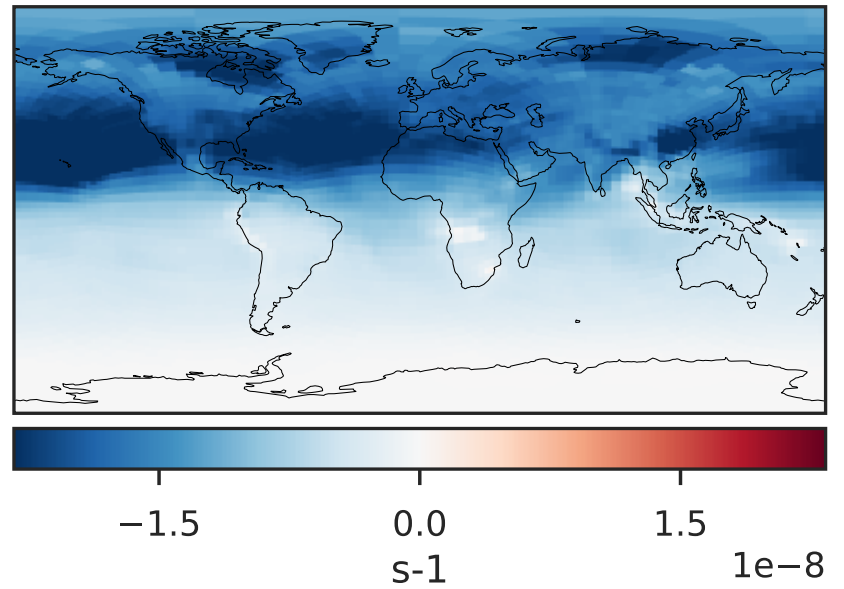
GCHP_14.2.0 (Dev)
c24



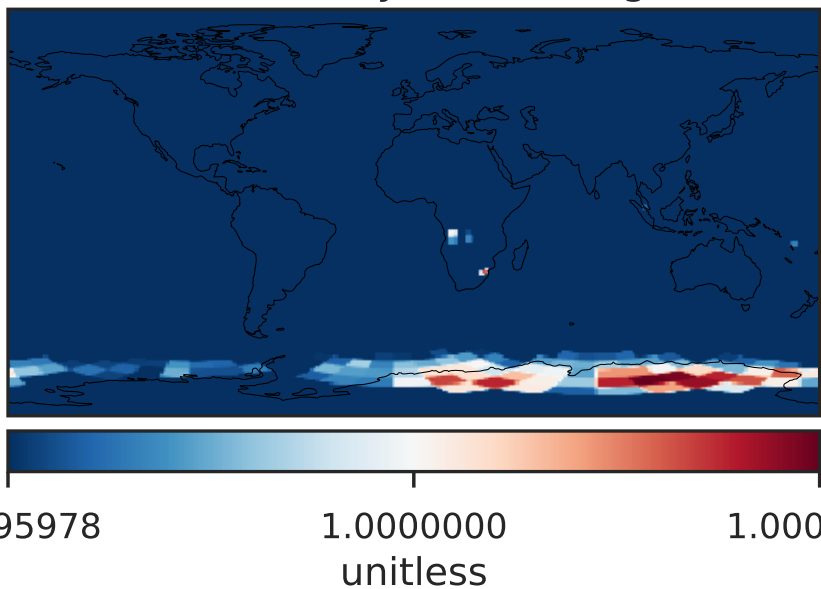
Difference (1x1.25)
Dev - Ref, Dynamic Range



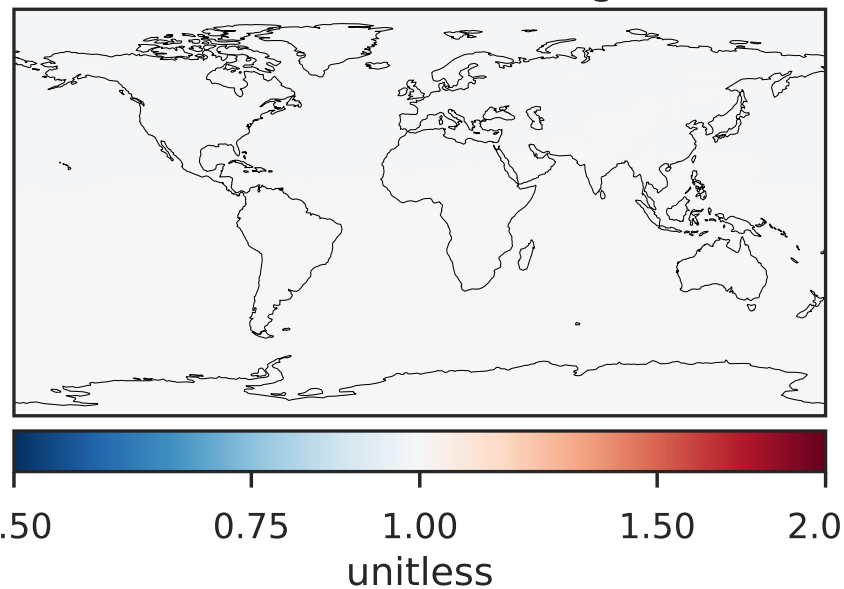
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range



Ratio (1x1.25)
Dev/Ref, Fixed Range



0.9995978

1.000000

1.0004024

unitless

0.50

0.75

1.00

1.50

2.00

unitless

Jval_SO4 (Apr2019)

GCHP_14.0.0 (Ref)
c24



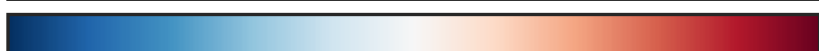
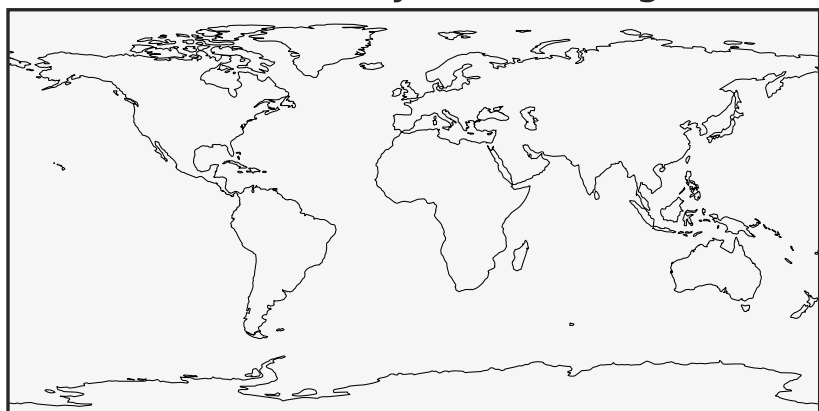
Zero throughput domain
s-1

GCHP_14.2.0 (Dev)
c24



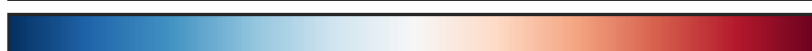
Zero throughput domain
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



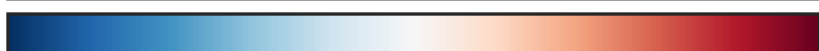
Zero throughput domain
s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Zero throughput domain
s-1

Ratio (1x1.25)
Dev/Ref, Dynamic Range



Undefined throughput domain
unitless

Ratio (1x1.25)
Dev/Ref, Fixed Range



Undefined throughput domain
unitless