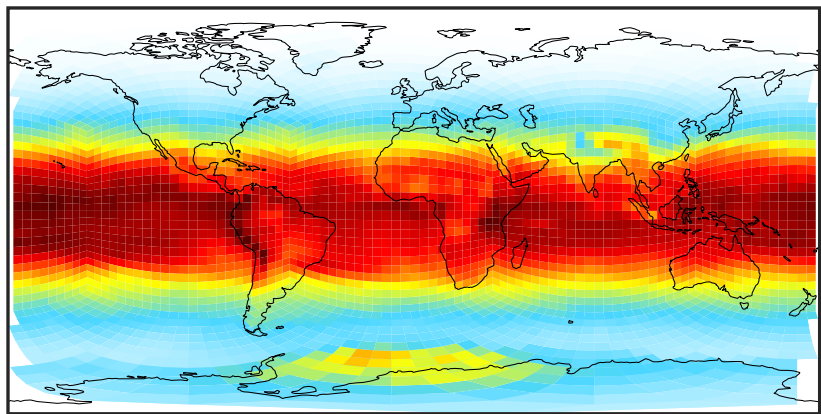


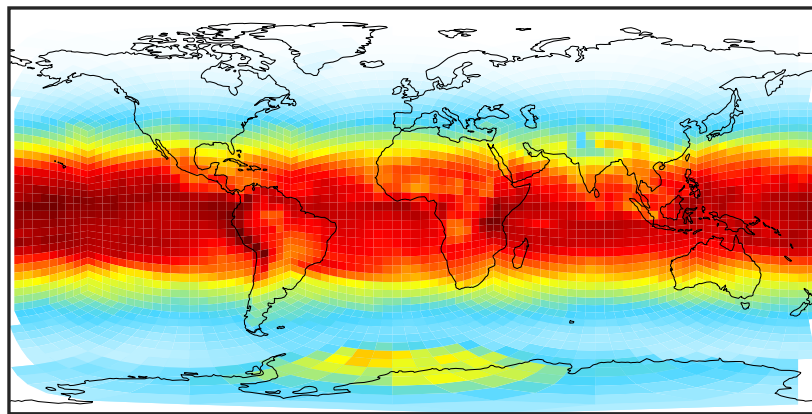
JvalO301D (Oct2019)

14.2.0-rc.2 (Ref)
c24



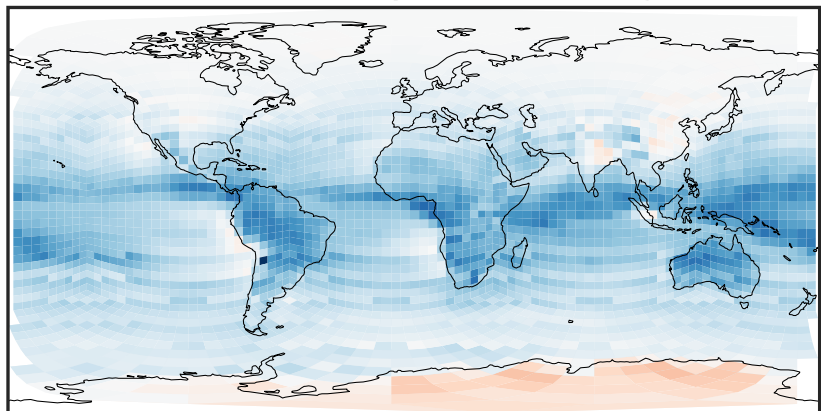
0.4 0.8 1.2
s-1 1e-5

14.3.0-rc.0 (Dev)
c24



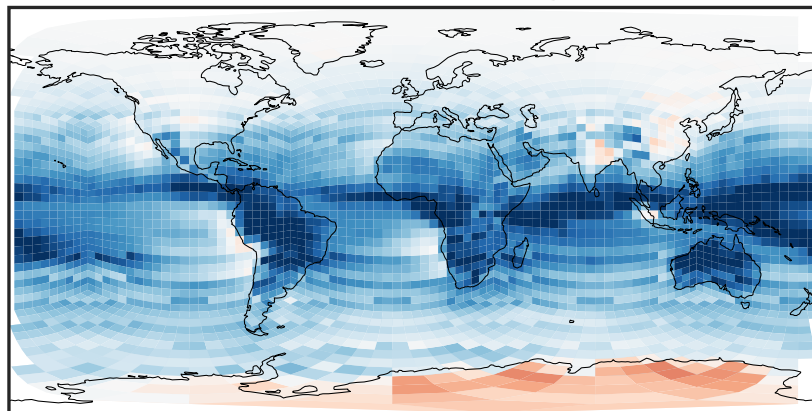
0.4 0.8 1.2
s-1 1e-5

Difference
Dev - Ref, Dynamic Range



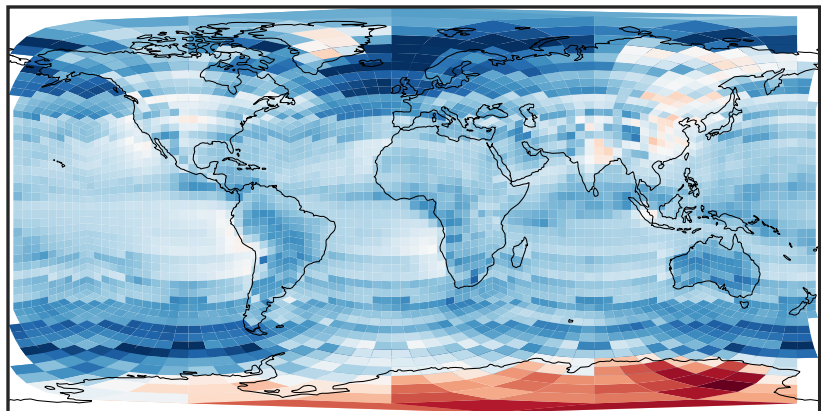
-8 0 8
s-1 1e-7

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



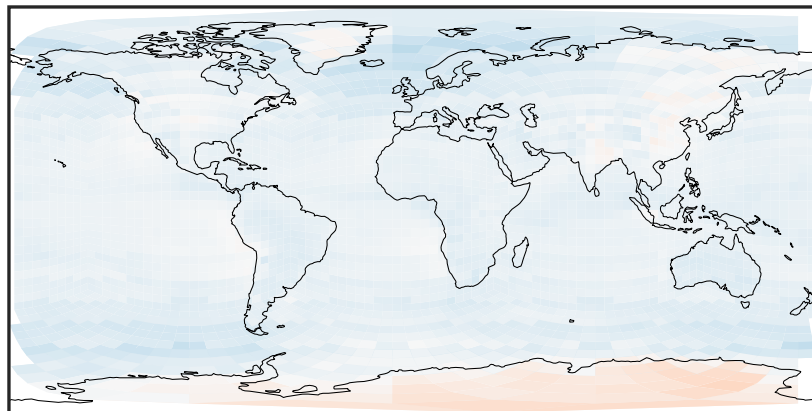
-4 0 4
s-1 1e-7

Ratio
Dev/Ref, Dynamic Range



0.8652 0.9326 1.0000 1.0779 1.1558
unitless

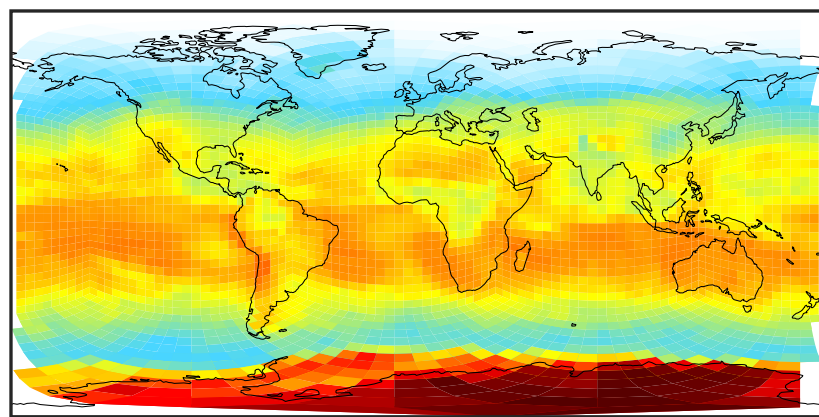
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

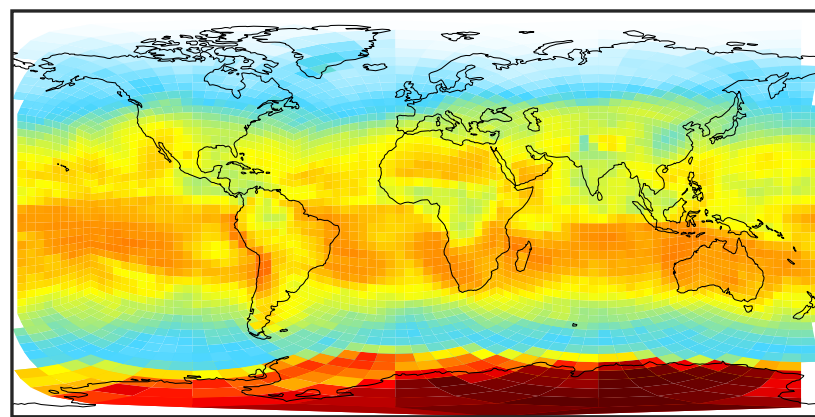
JvalO3O3P (Oct2019)

14.2.0-rc.2 (Ref)
c24



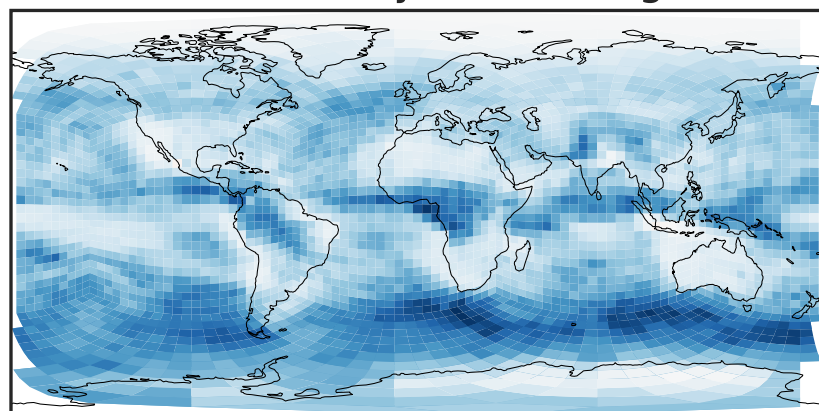
0.00008 0.00016 0.00024
s-1

14.3.0-rc.0 (Dev)
c24



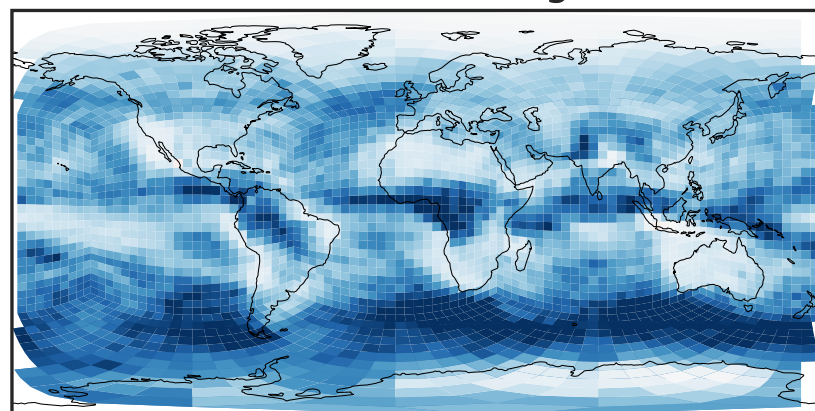
0.00008 0.00016 0.00024
s-1

Difference
Dev - Ref, Dynamic Range



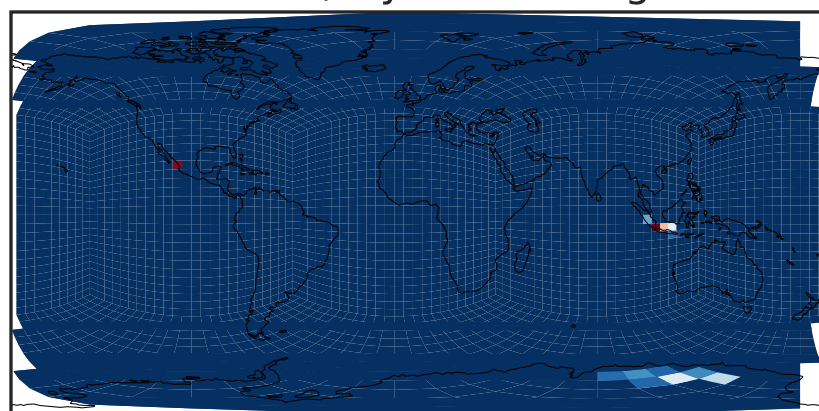
-6 0 6
s-1 1e-6

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



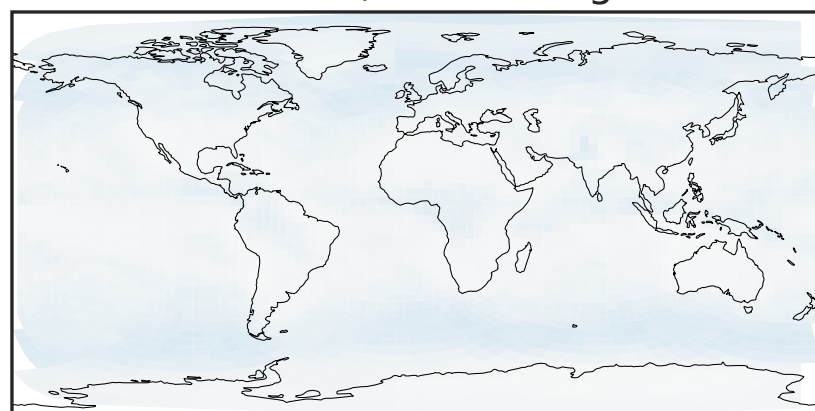
-5 0 5
s-1 1e-6

Ratio
Dev/Ref, Dynamic Range



0.997639 0.998820 1.000000 1.001183 1.002366
unitless

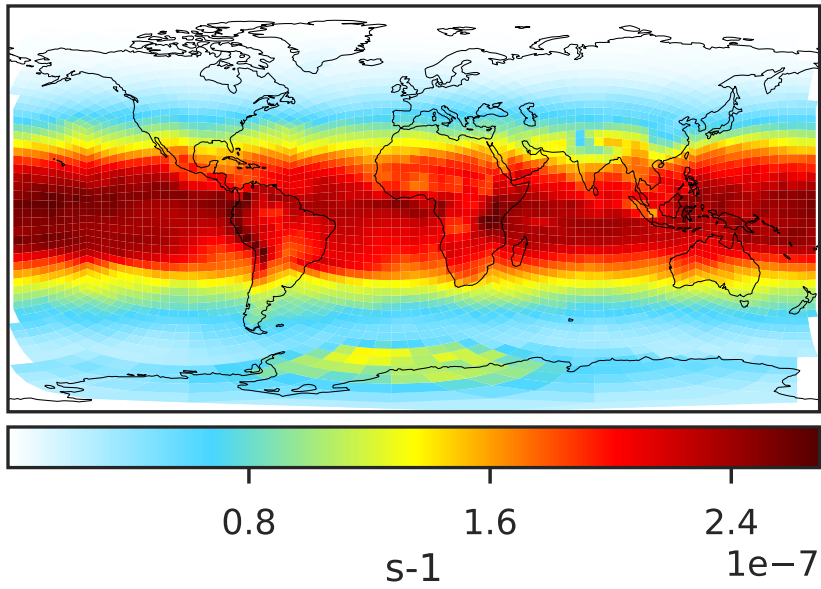
Ratio
Dev/Ref, Fixed Range



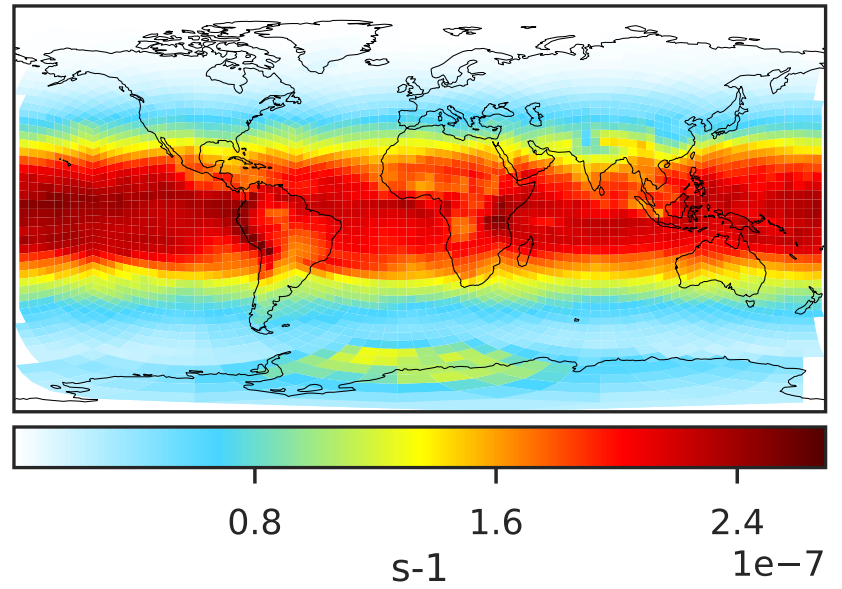
0.50 0.75 1.00 1.50 2.00
unitless

Jval_ACET (Oct2019)

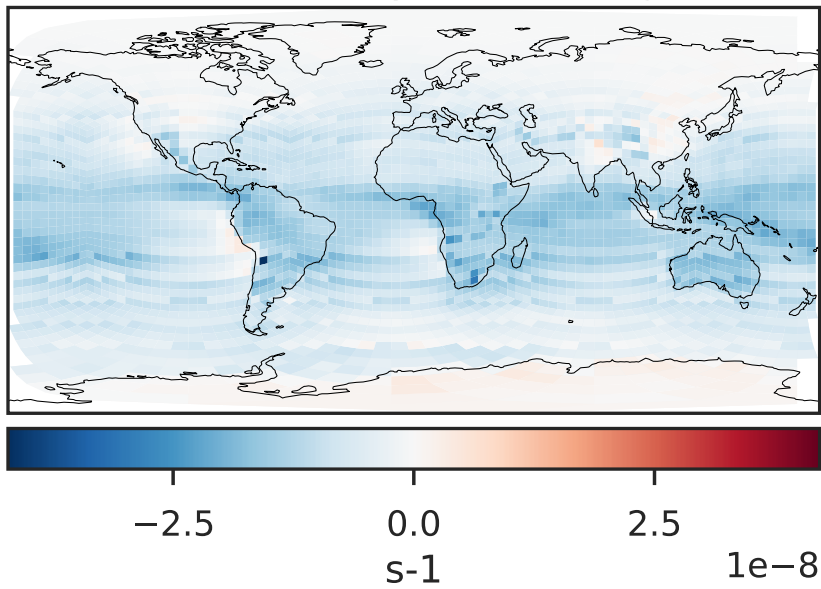
14.2.0-rc.2 (Ref)
c24



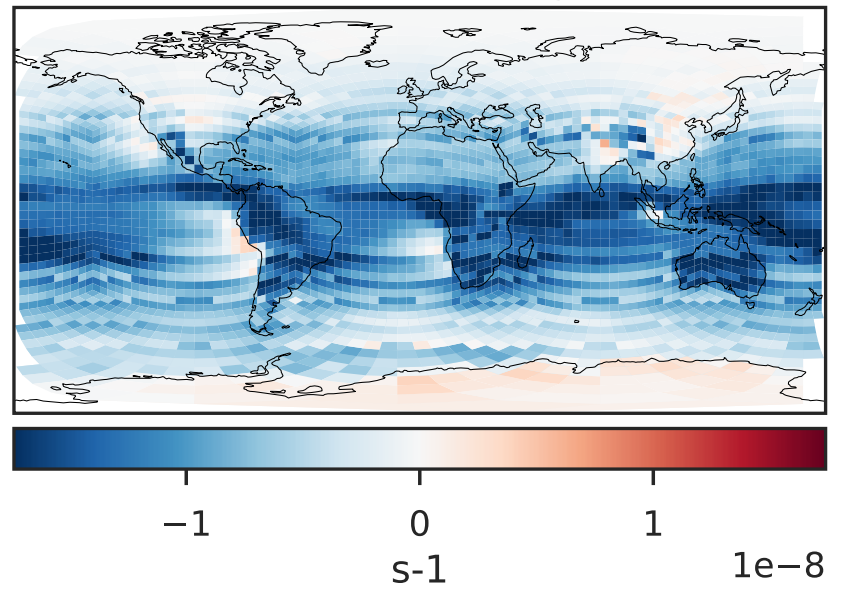
14.3.0-rc.0 (Dev)
c24



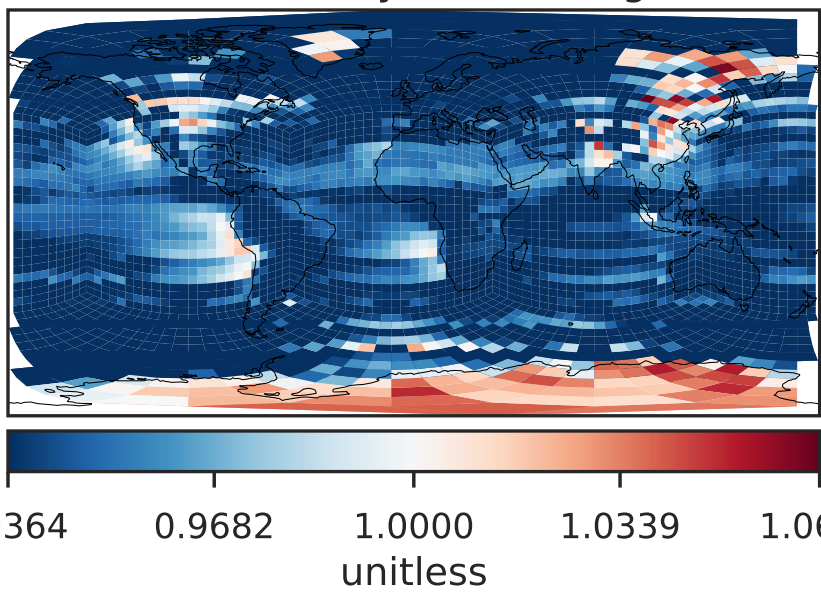
Difference
Dev - Ref, Dynamic Range



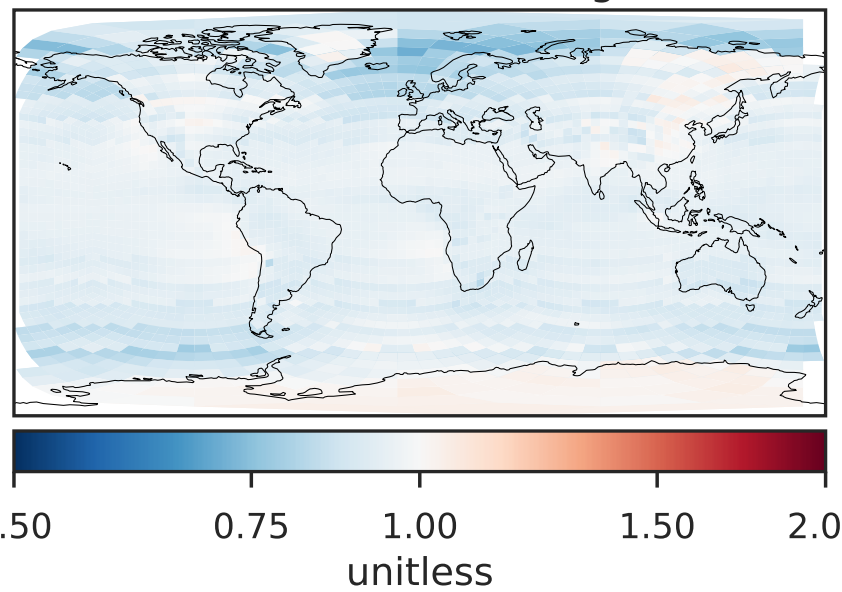
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

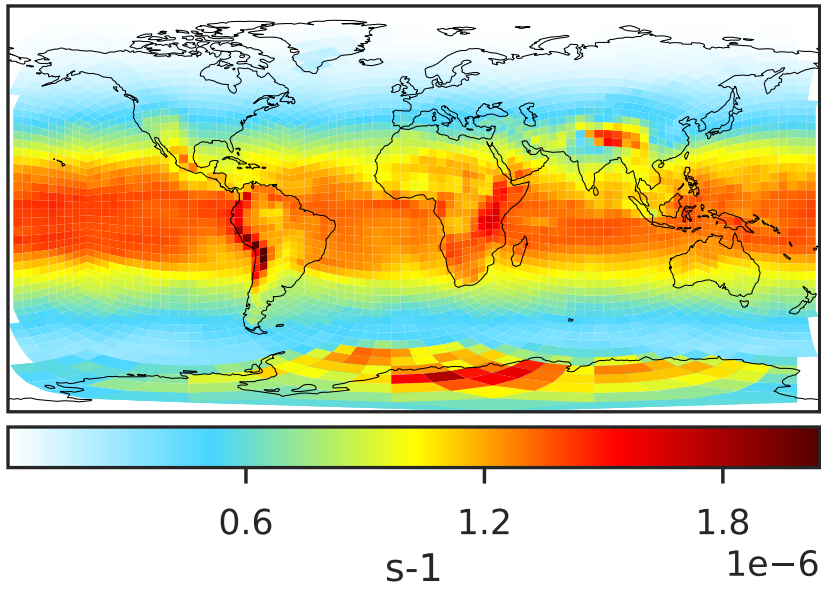


Ratio
Dev/Ref, Fixed Range

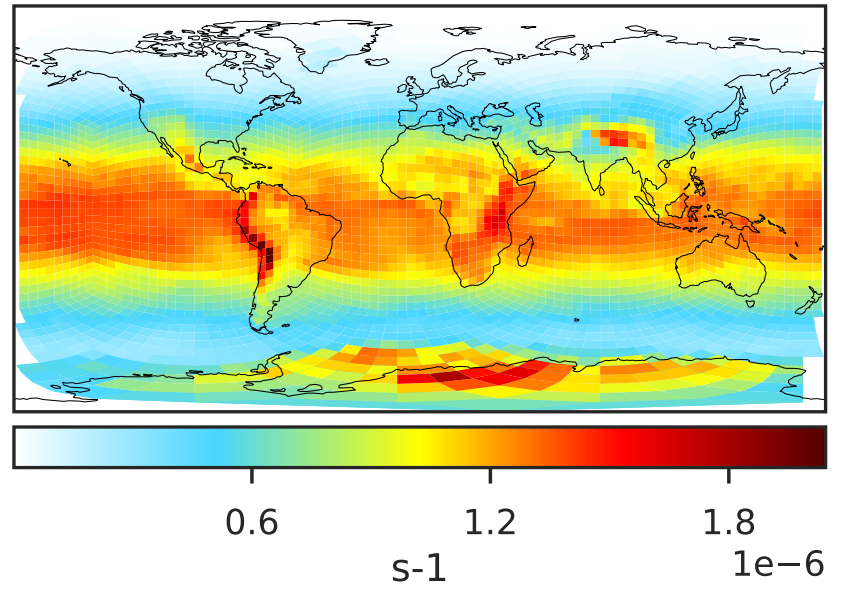


Jval_ALD2 (Oct2019)

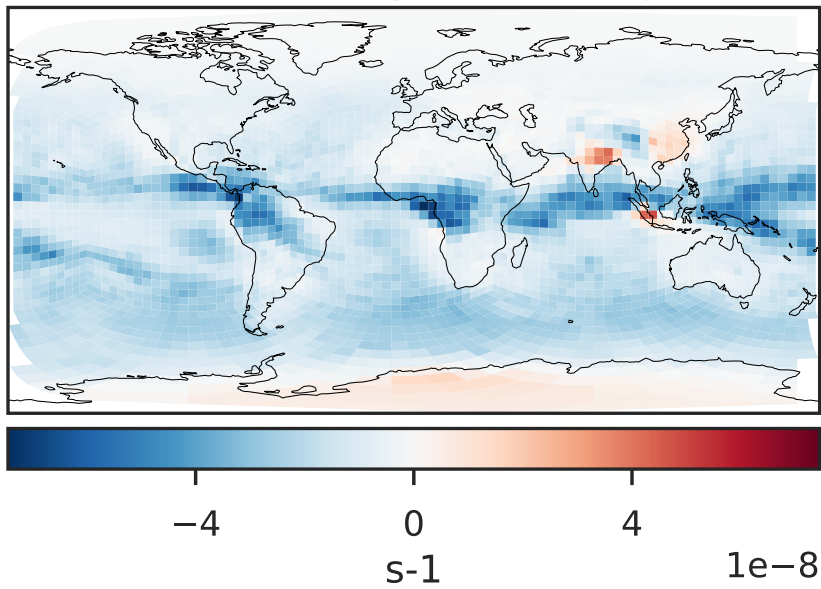
14.2.0-rc.2 (Ref)
c24



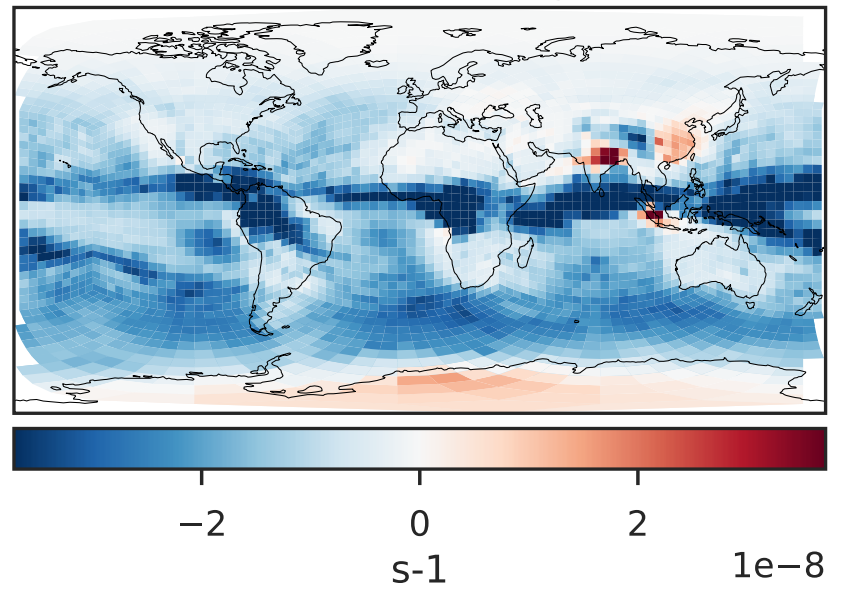
14.3.0-rc.0 (Dev)
c24



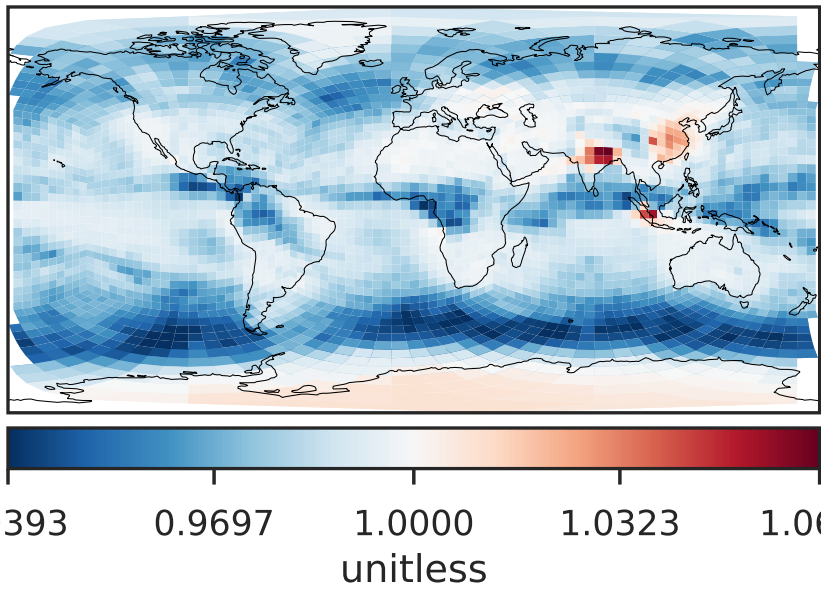
Difference
Dev - Ref, Dynamic Range



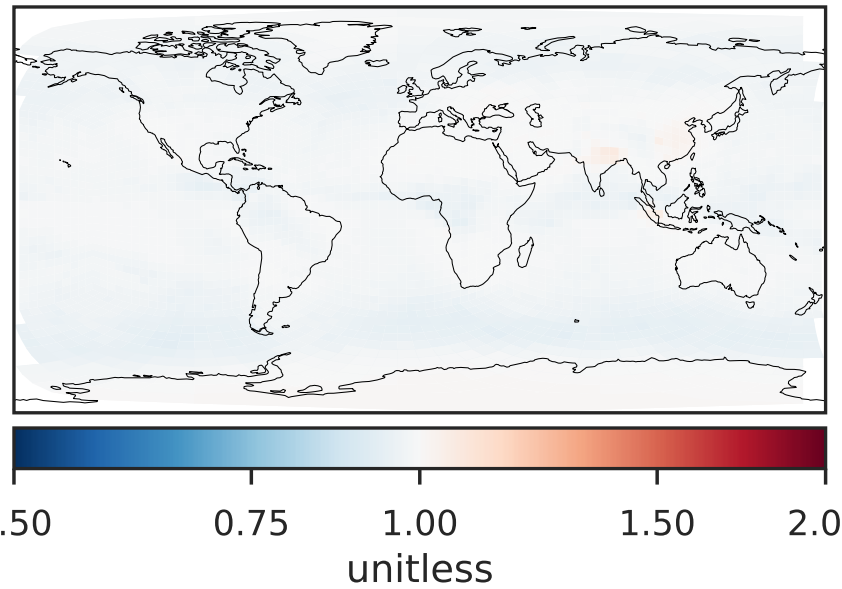
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

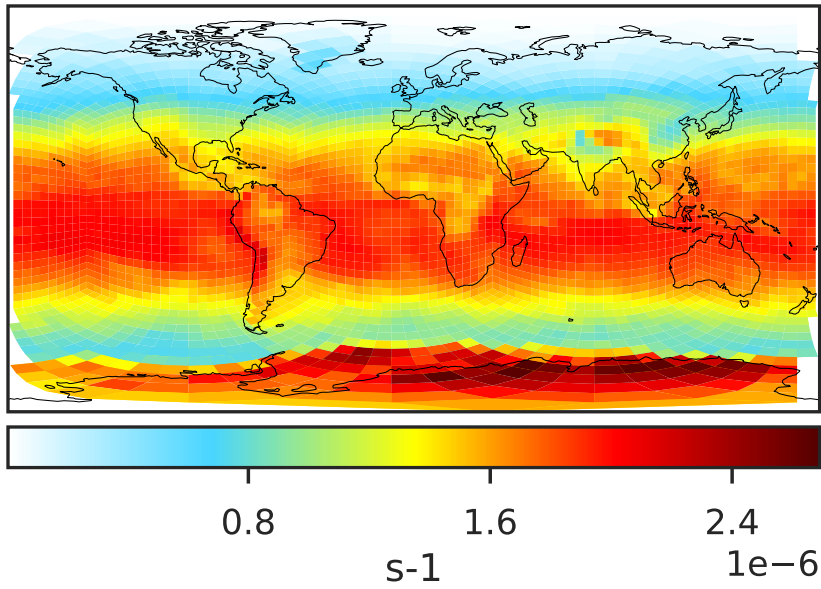


Ratio
Dev/Ref, Fixed Range

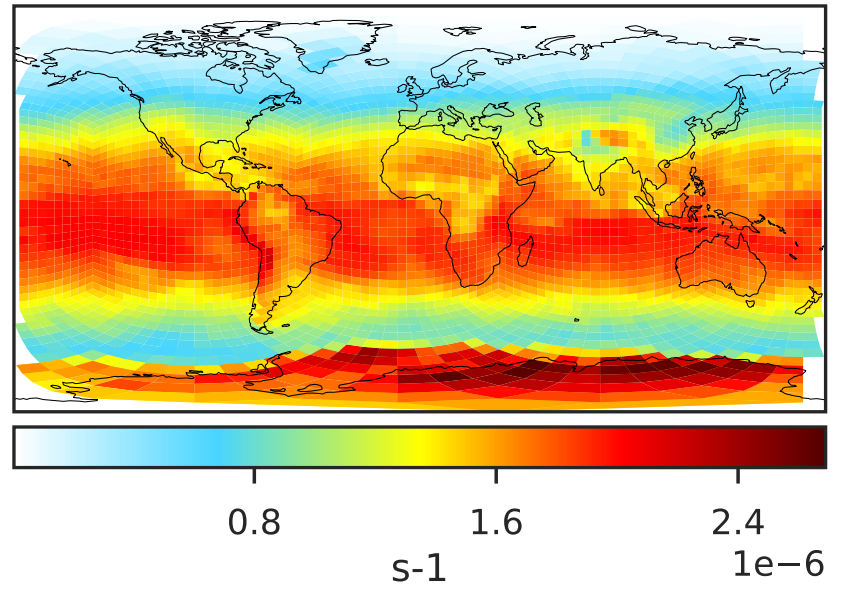


Jval_ATOOH (Oct2019)

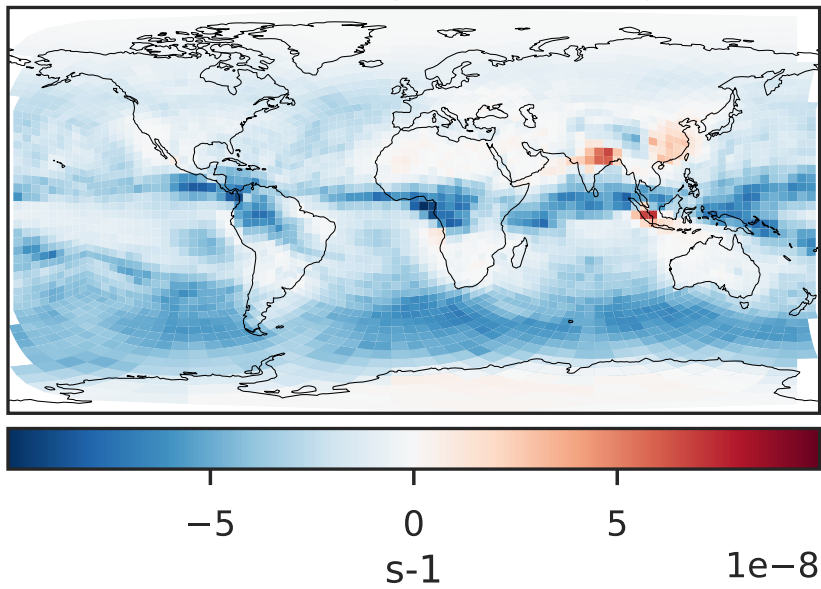
14.2.0-rc.2 (Ref)
c24



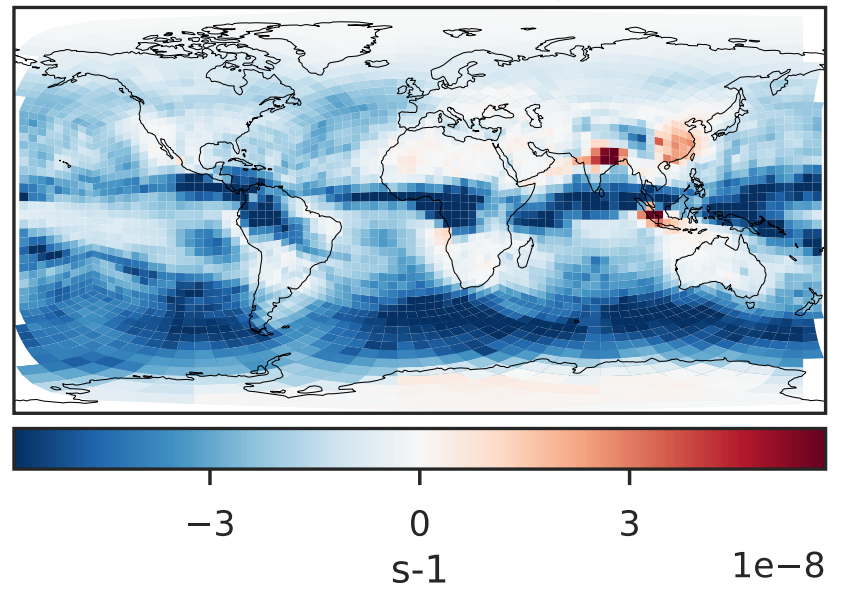
14.3.0-rc.0 (Dev)
c24



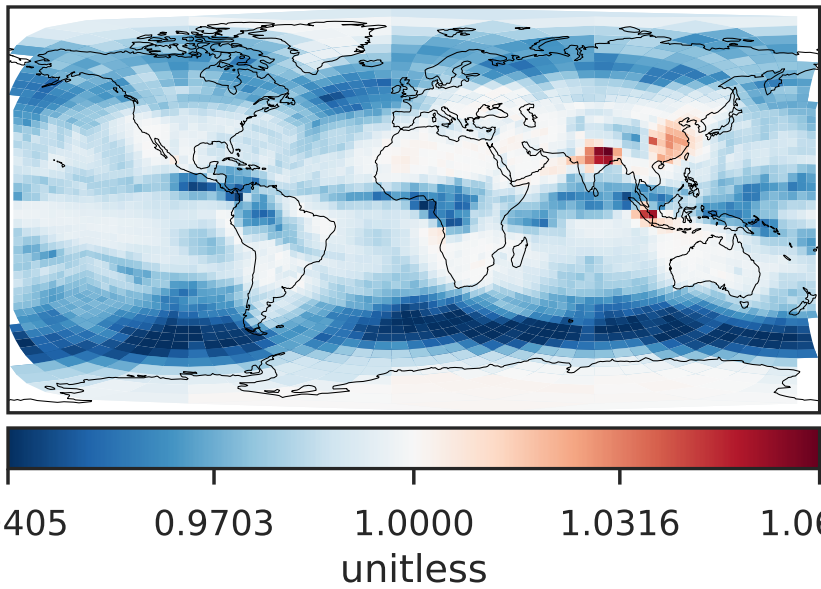
Difference
Dev - Ref, Dynamic Range



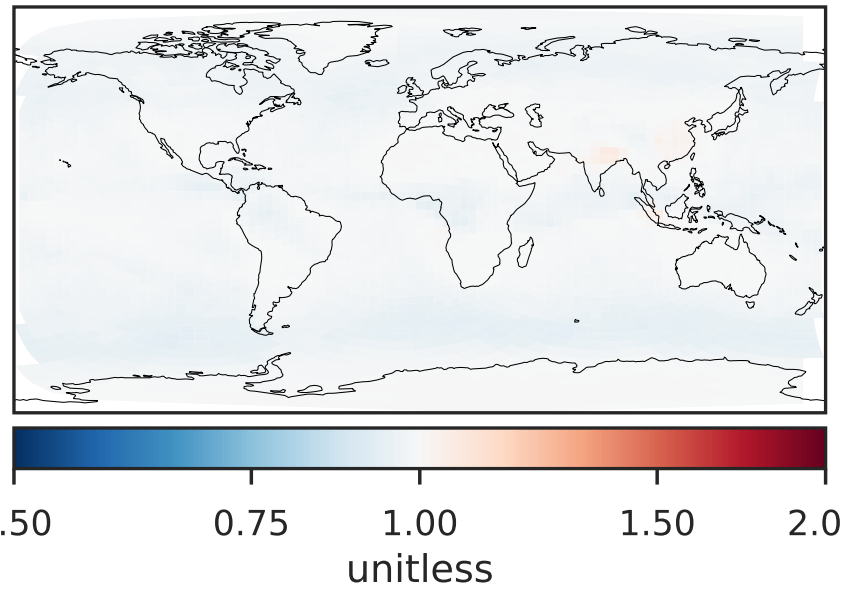
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

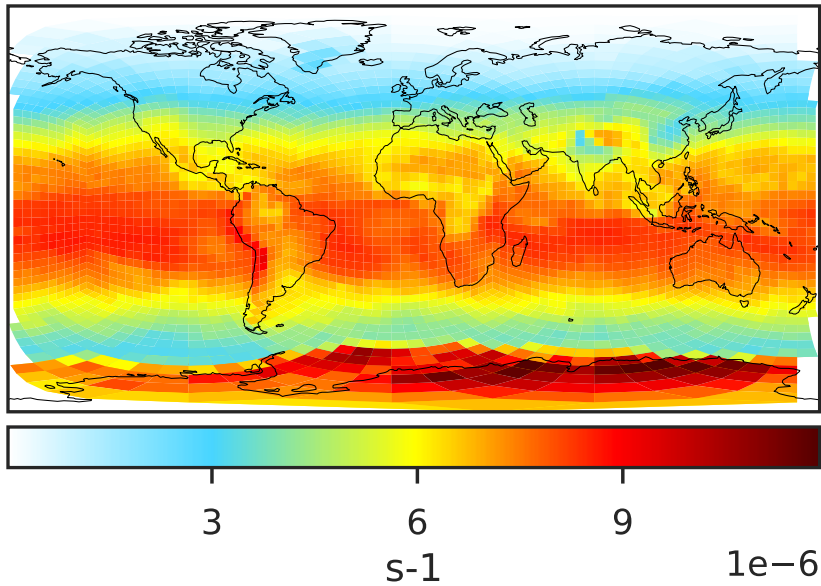


Ratio
Dev/Ref, Fixed Range

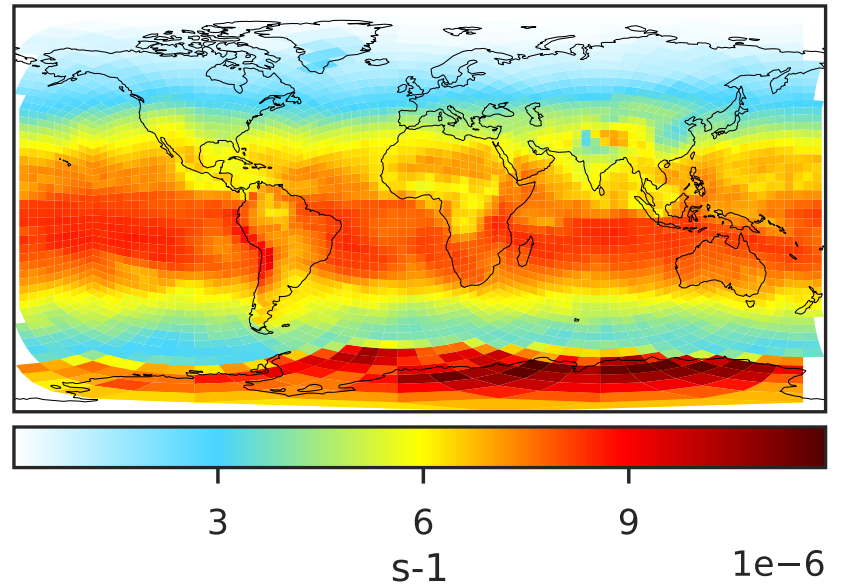


Jval_BALD (Oct2019)

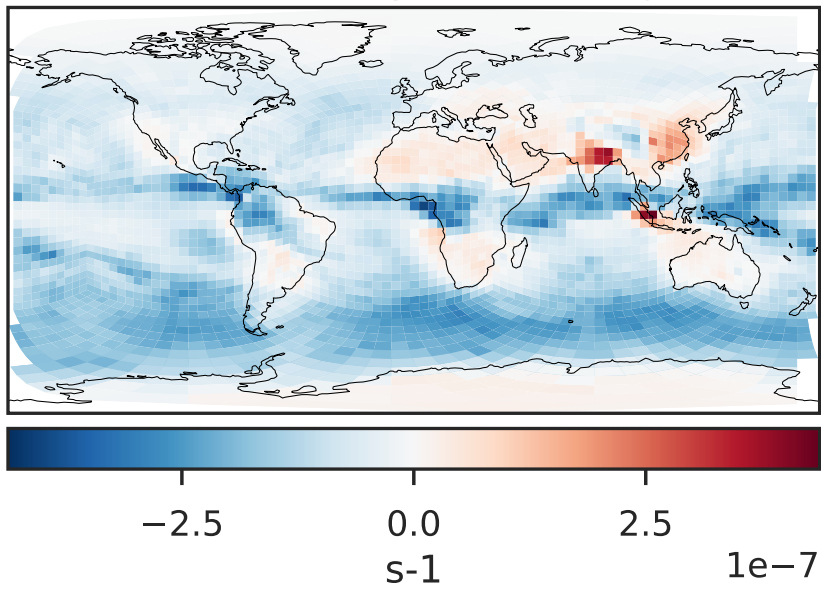
14.2.0-rc.2 (Ref)
c24



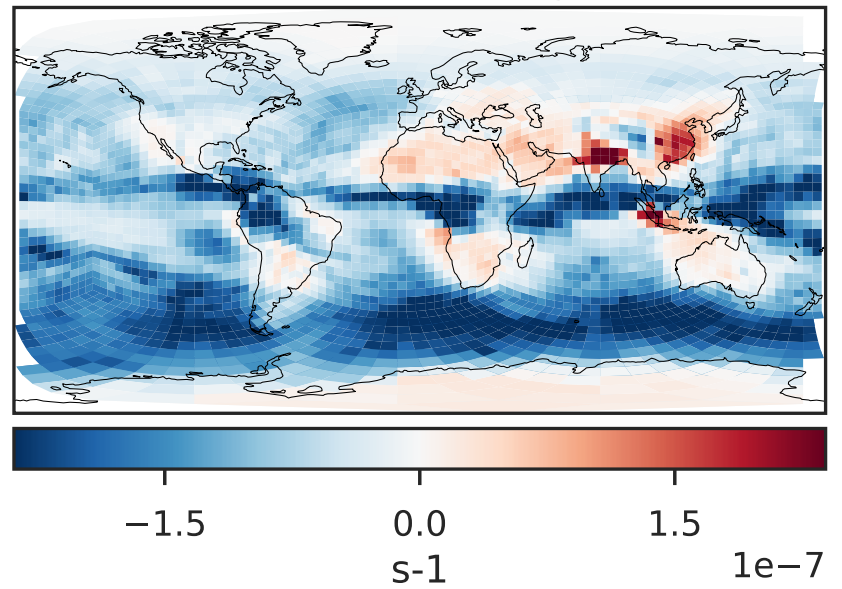
14.3.0-rc.0 (Dev)
c24



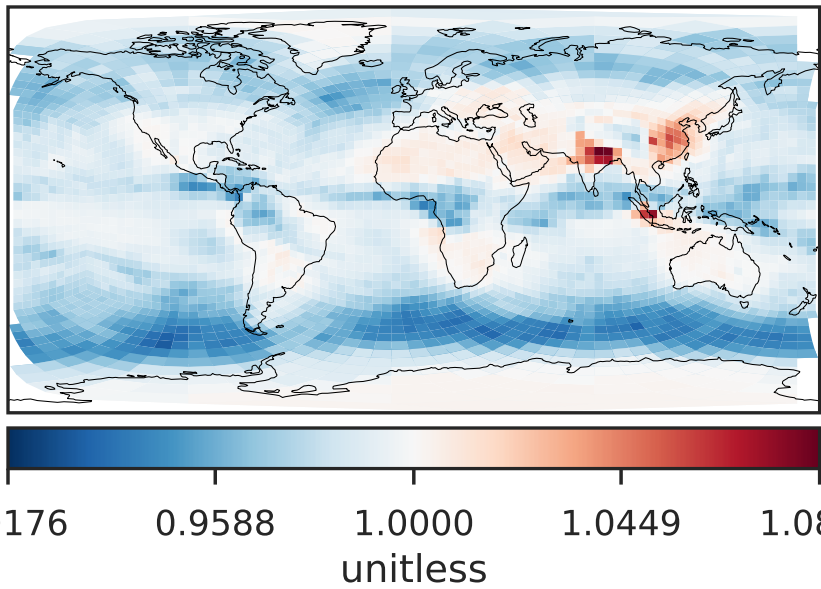
Difference
Dev - Ref, Dynamic Range



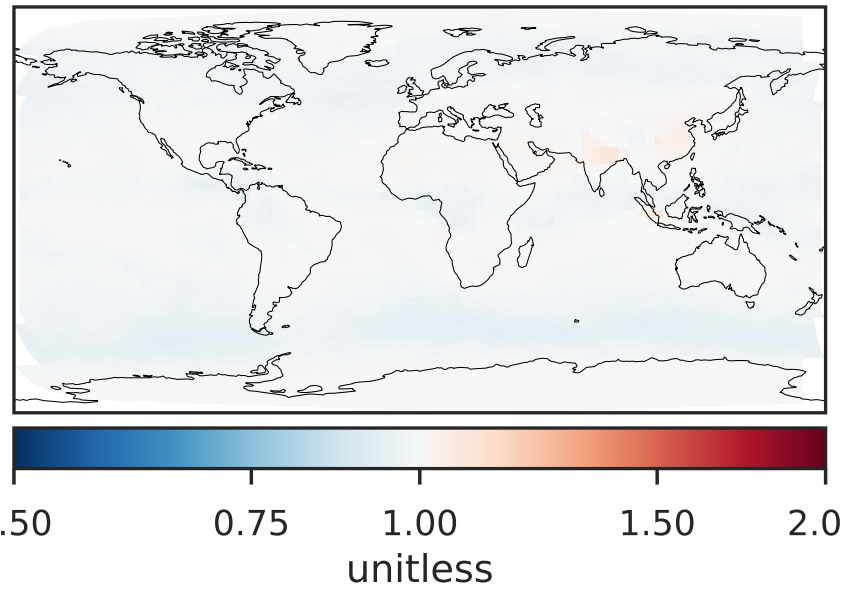
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

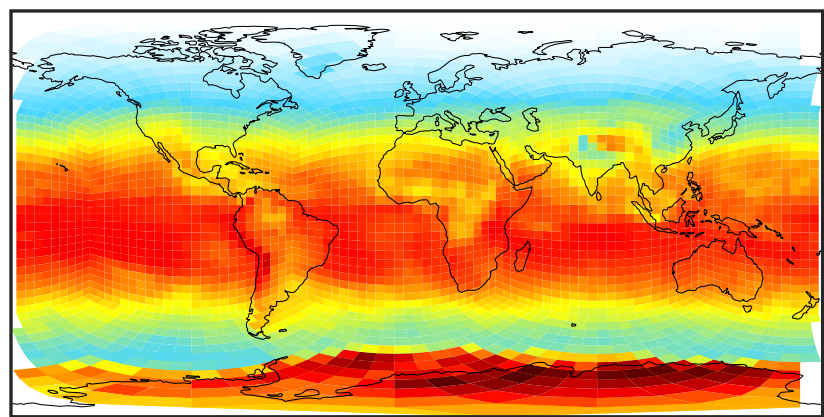


Ratio
Dev/Ref, Fixed Range



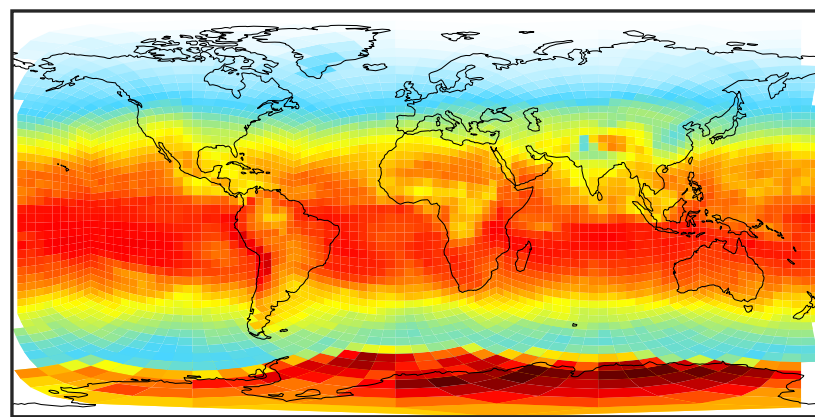
Jval_BENZP (Oct2019)

14.2.0-rc.2 (Ref)
c24



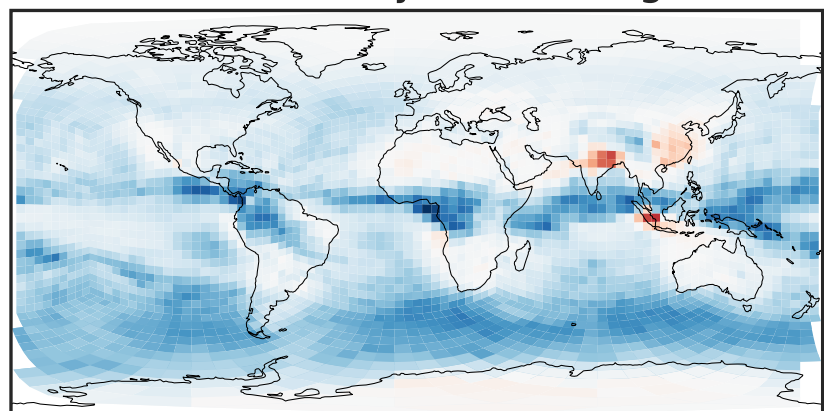
0.8 1.6 2.4
s-1 $1e-6$

14.3.0-rc.0 (Dev)
c24



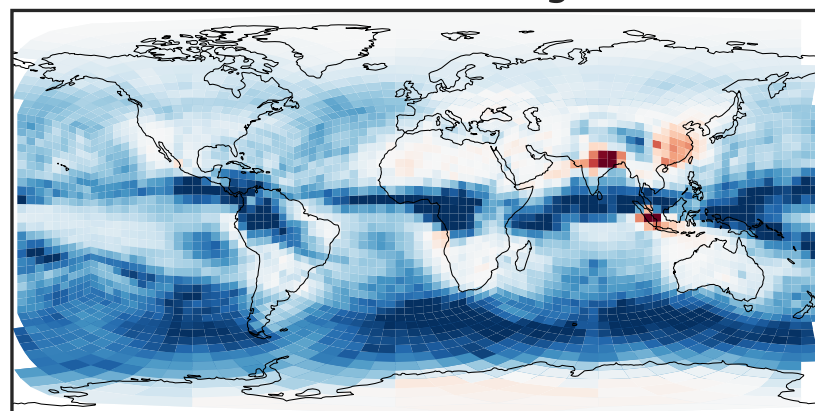
0.8 1.6 2.4
s-1 $1e-6$

Difference
Dev - Ref, Dynamic Range



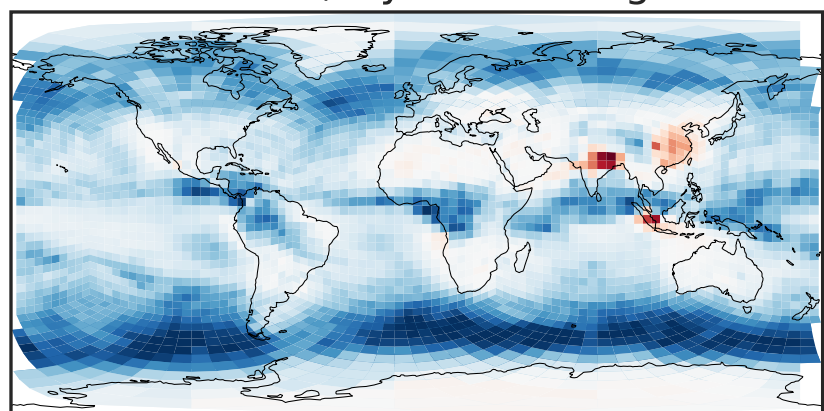
-5 0 5
s-1 $1e-8$

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



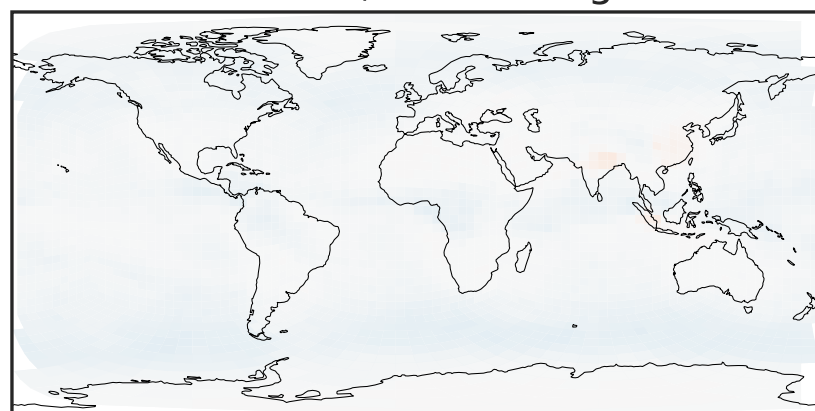
-3 0 3
s-1 $1e-8$

Ratio
Dev/Ref, Dynamic Range



0.9405 0.9703 1.0000 1.0316 1.0632
unitless

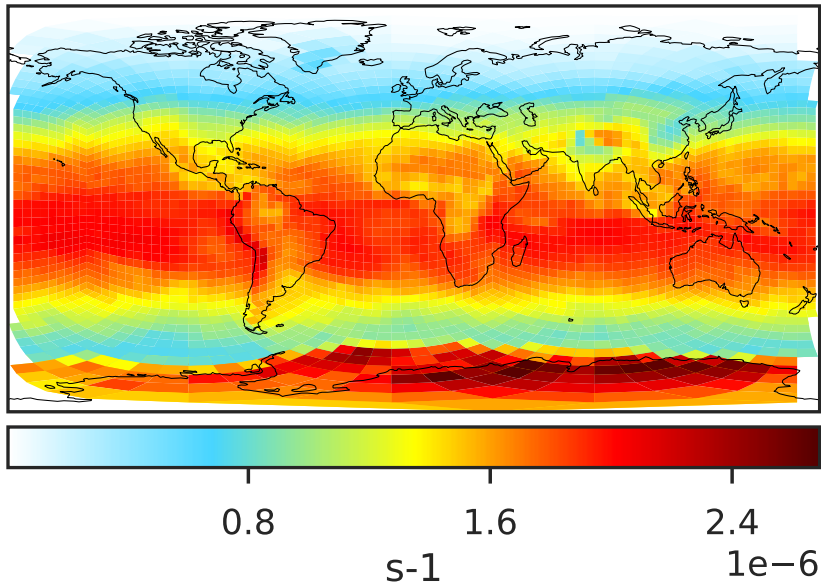
Ratio
Dev/Ref, Fixed Range



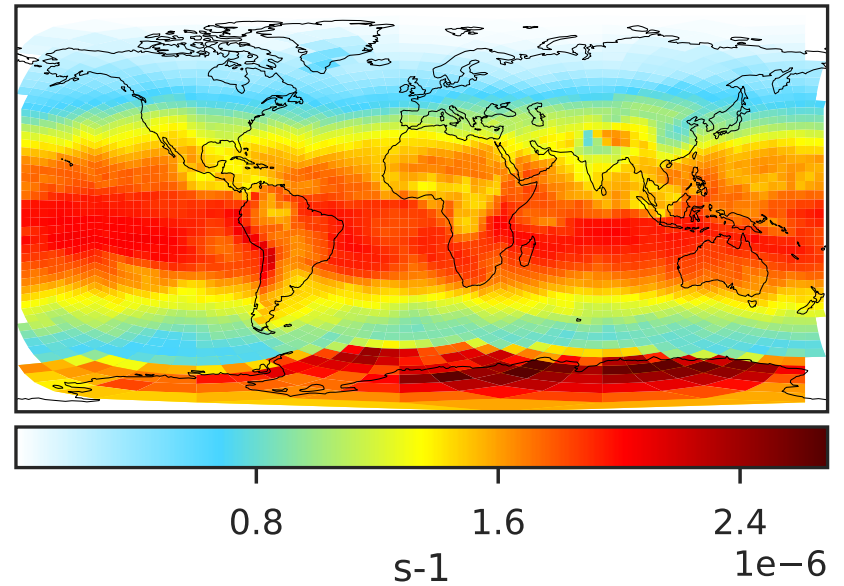
0.50 0.75 1.00 1.50 2.00
unitless

Jval_BZCO3H (Oct2019)

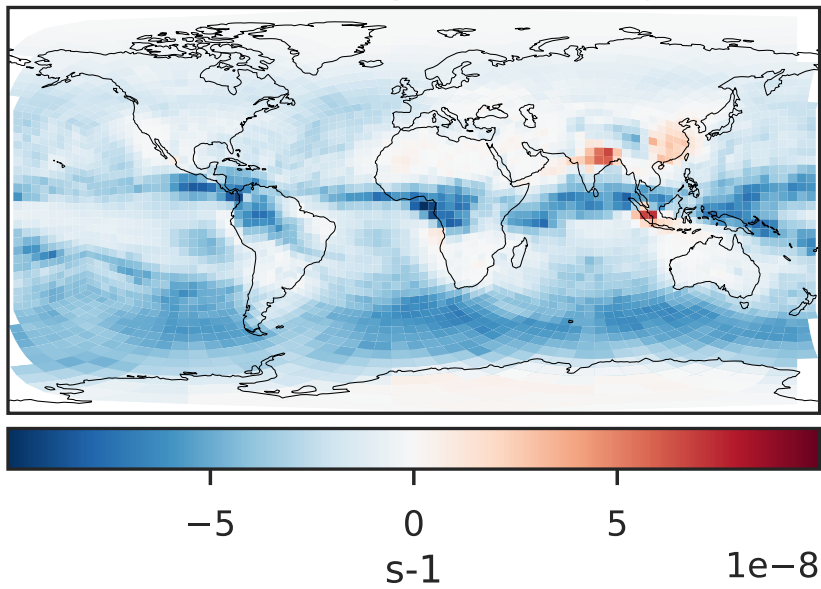
14.2.0-rc.2 (Ref)
c24



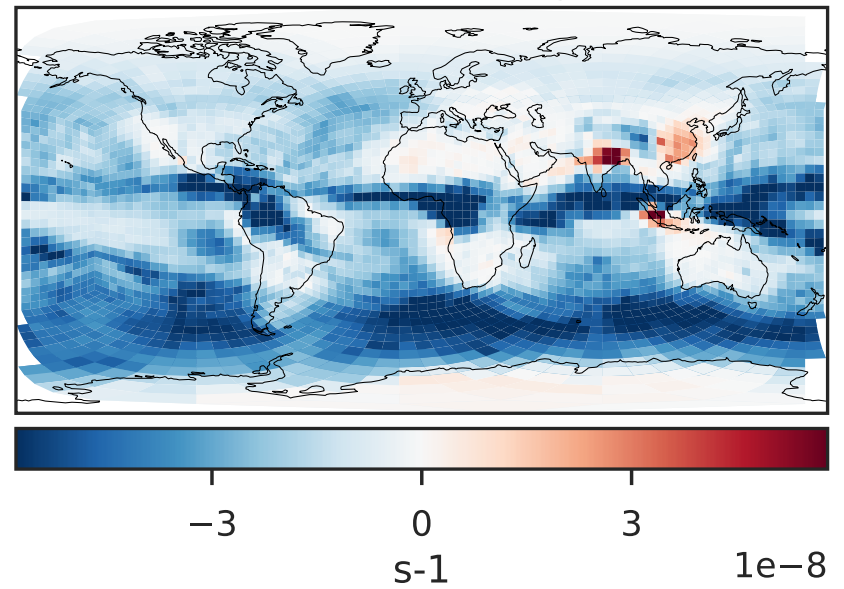
14.3.0-rc.0 (Dev)
c24



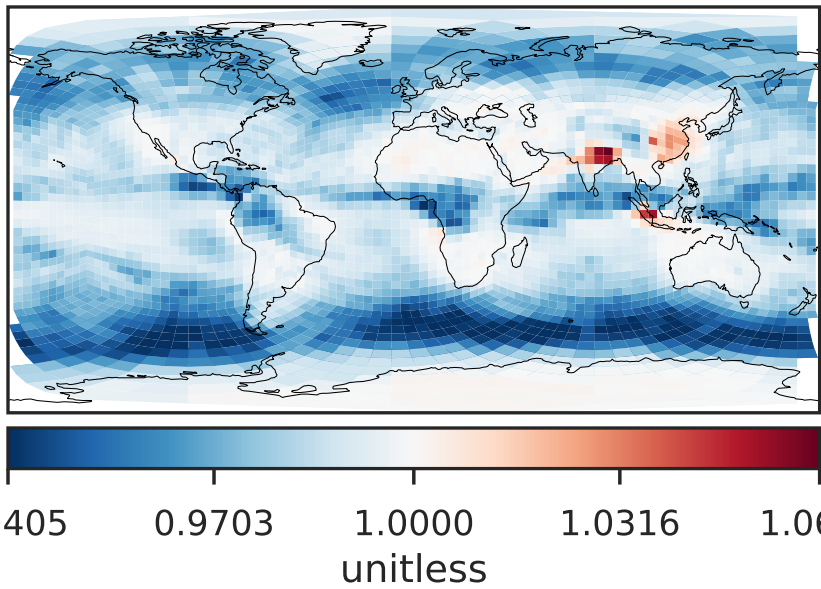
Difference
Dev - Ref, Dynamic Range



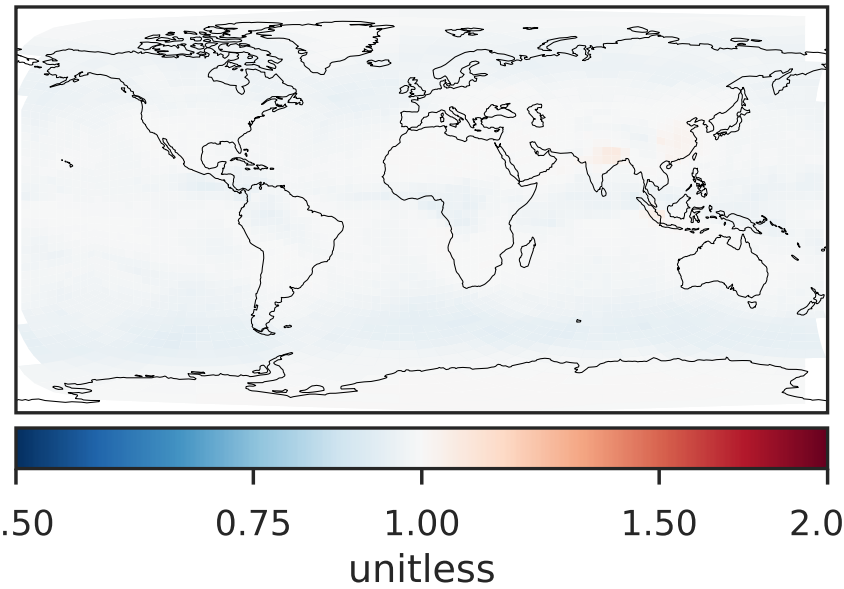
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

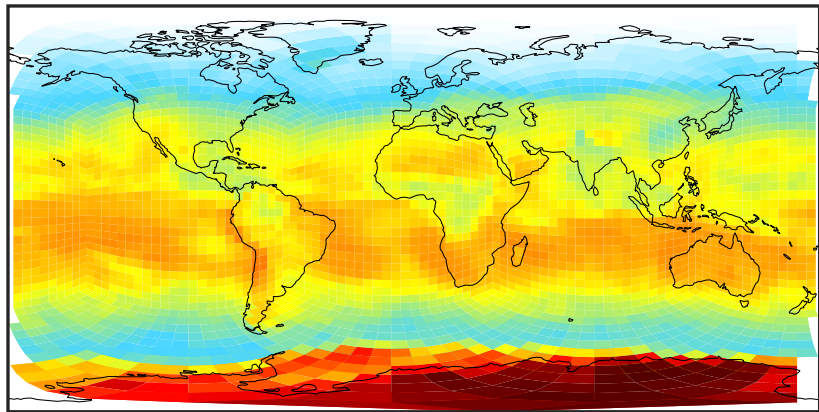


Ratio
Dev/Ref, Fixed Range



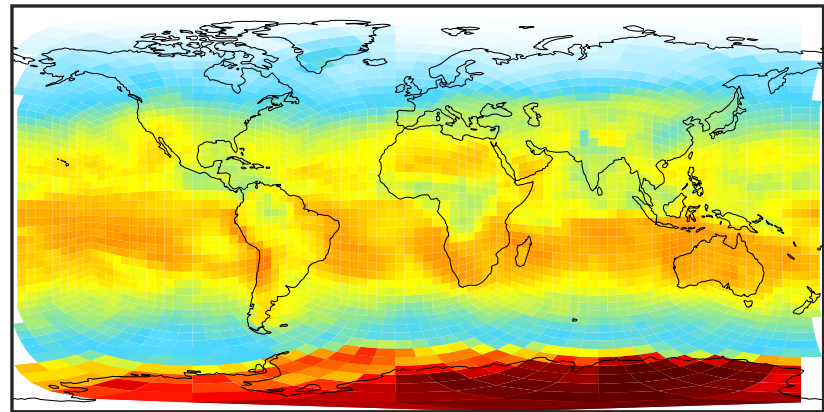
Jval_Br2 (Oct2019)

14.2.0-rc.2 (Ref)
c24



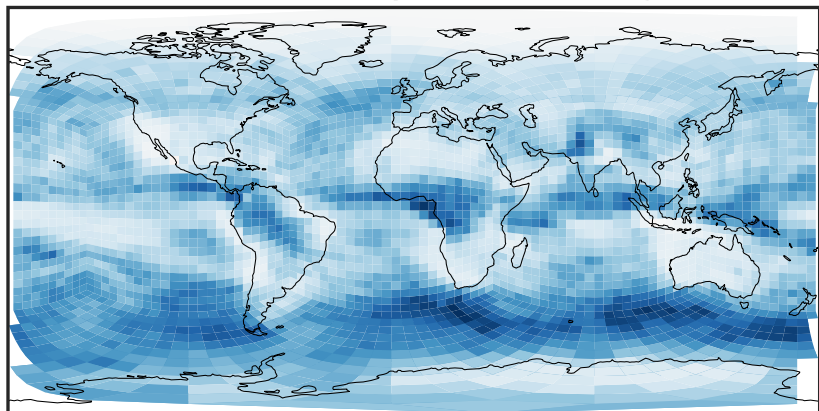
0.008 0.016 0.024
s-1

14.3.0-rc.0 (Dev)
c24



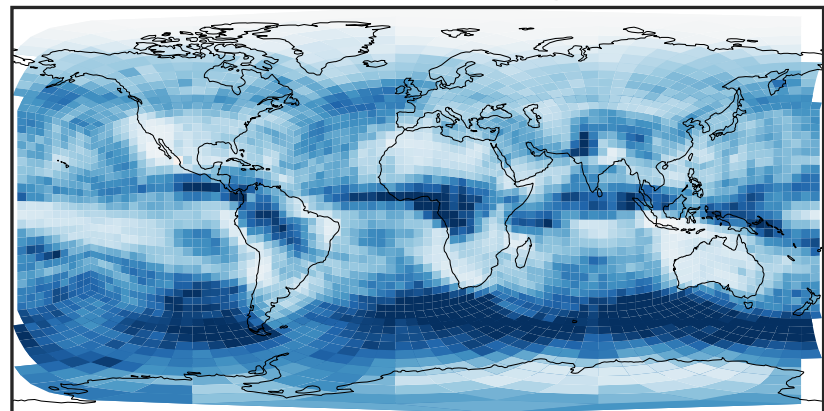
0.008 0.016 0.024
s-1

Difference
Dev - Ref, Dynamic Range



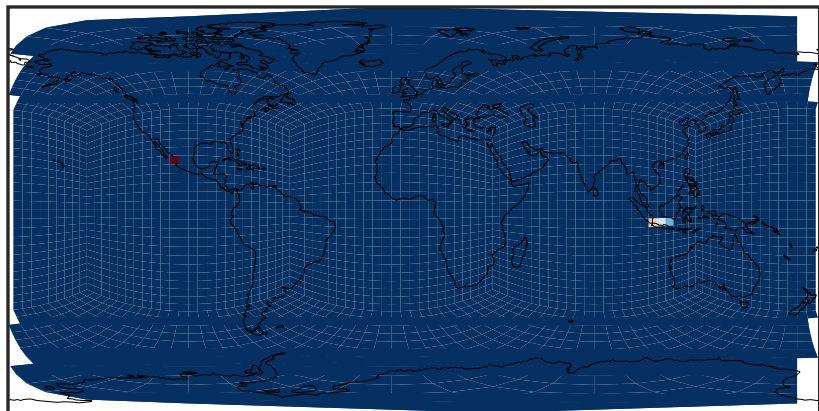
-0.0005 0.0000 0.0005
s-1

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



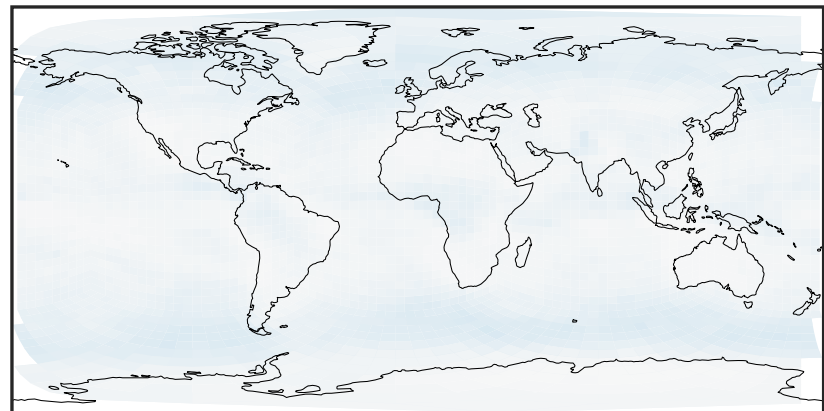
-0.0004 0.0000 0.0004
s-1

Ratio
Dev/Ref, Dynamic Range



0.997722 0.998861 1.000000 1.001142 1.002284
unitless

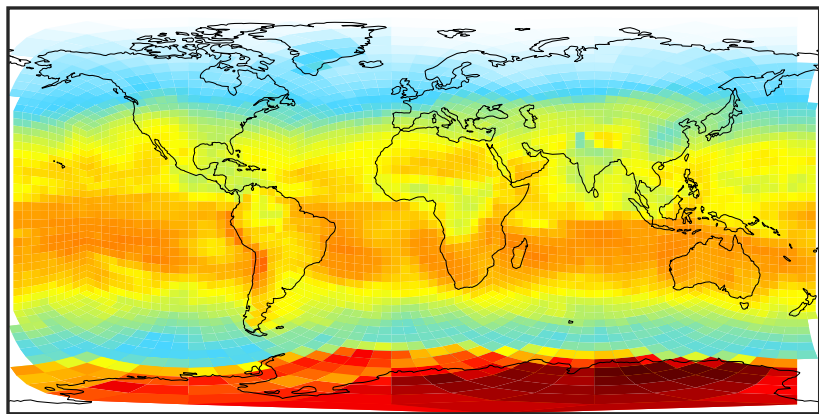
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

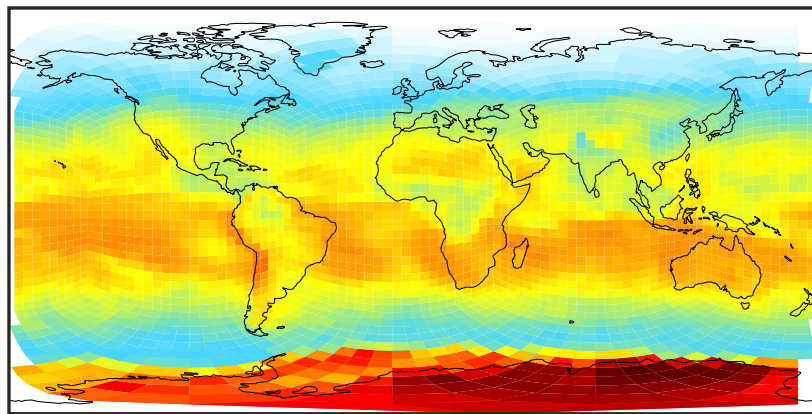
Jval_BrCl (Oct2019)

14.2.0-rc.2 (Ref)
c24



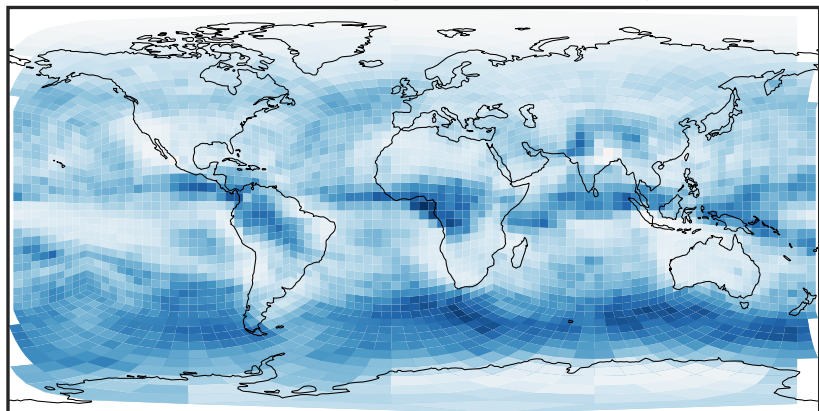
0.002 0.004 0.006
s-1

14.3.0-rc.0 (Dev)
c24



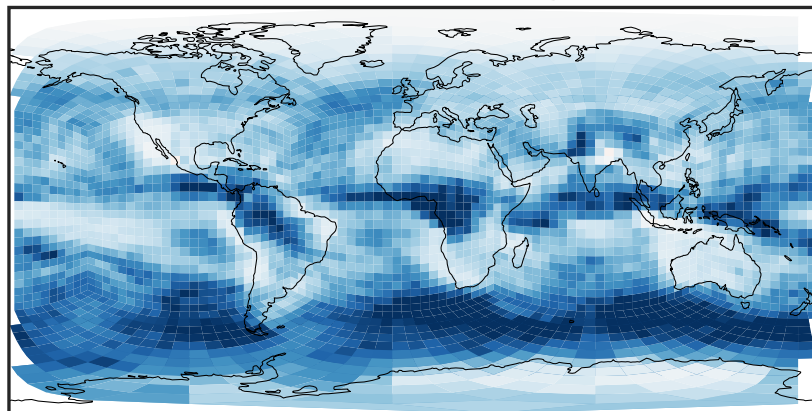
0.002 0.004 0.006
s-1

Difference
Dev - Ref, Dynamic Range



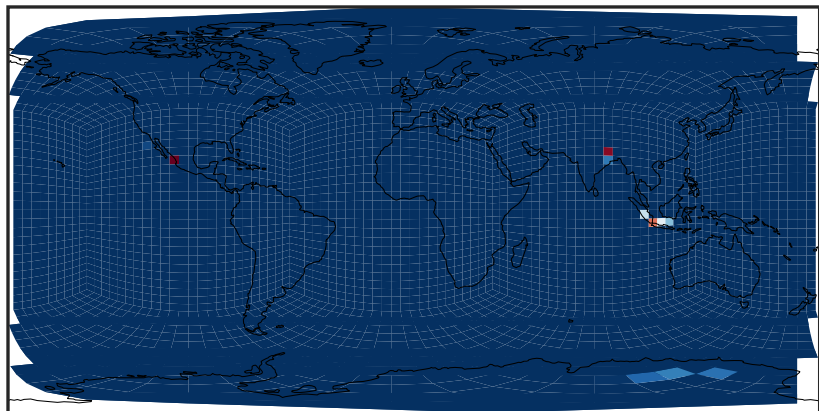
-0.00015 0.00000 0.00015
s-1

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



-0.0001 0.0000 0.0001
s-1

Ratio
Dev/Ref, Dynamic Range



0.997796 0.998898 1.000000 1.001104 1.002209
unitless

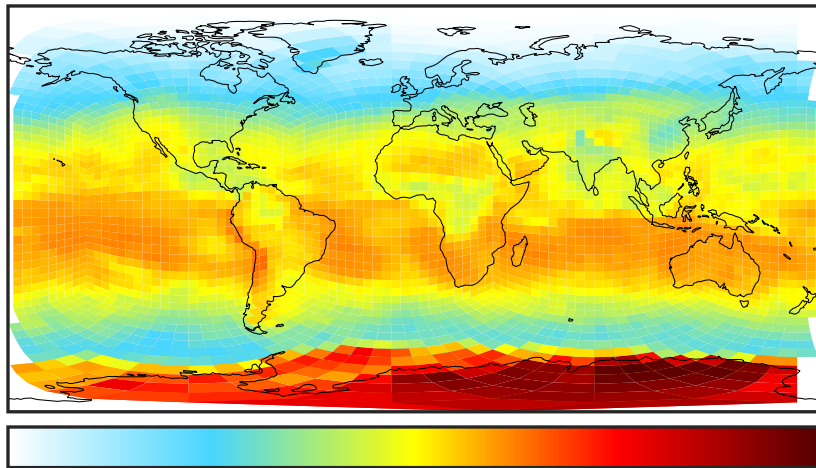
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

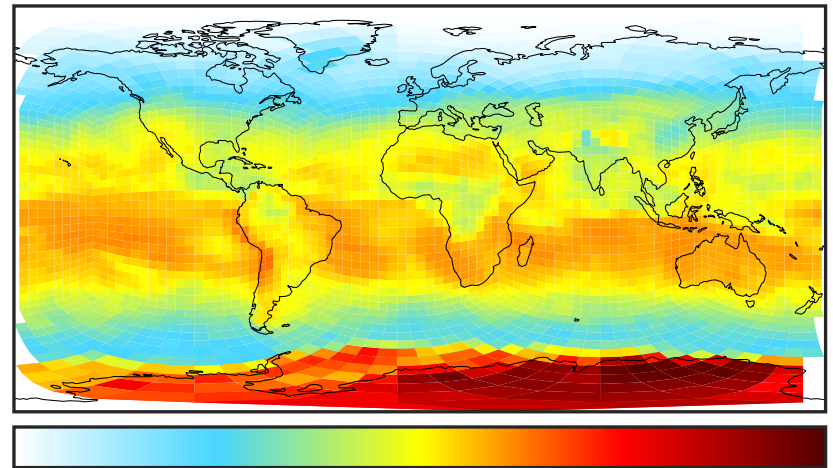
Jval_BrNO2 (Oct2019)

14.2.0-rc.2 (Ref)
c24



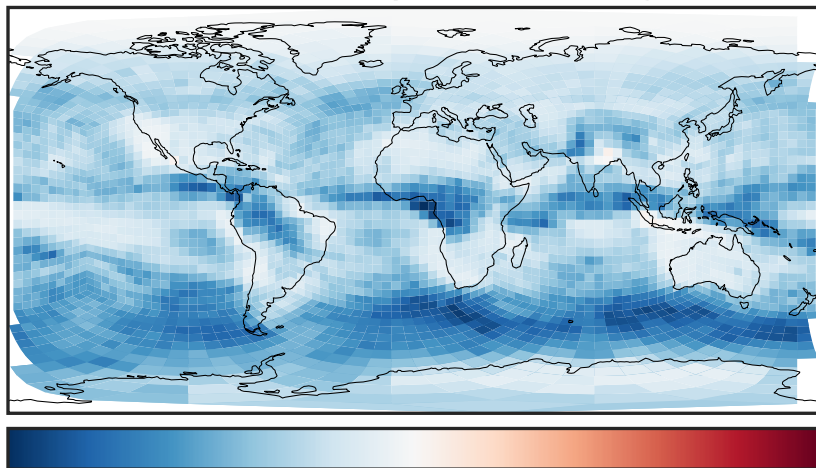
0.0015 0.0030
s-1

14.3.0-rc.0 (Dev)
c24



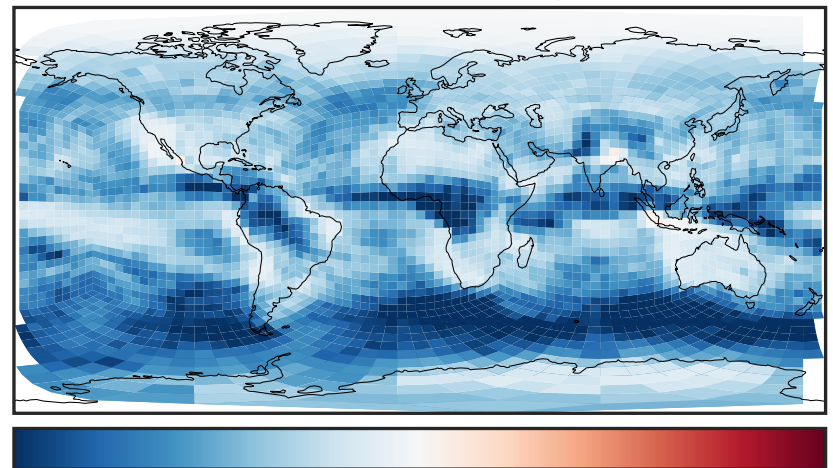
0.0015 0.0030
s-1

Difference
Dev - Ref, Dynamic Range



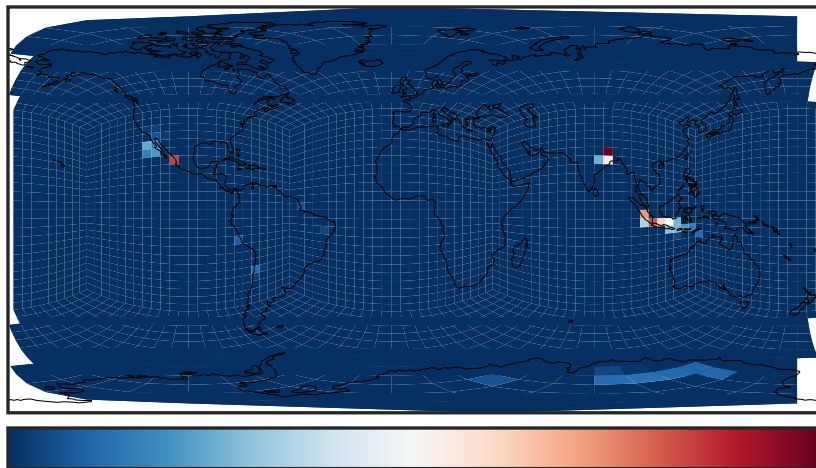
-8 0 8
s-1 1e-5

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



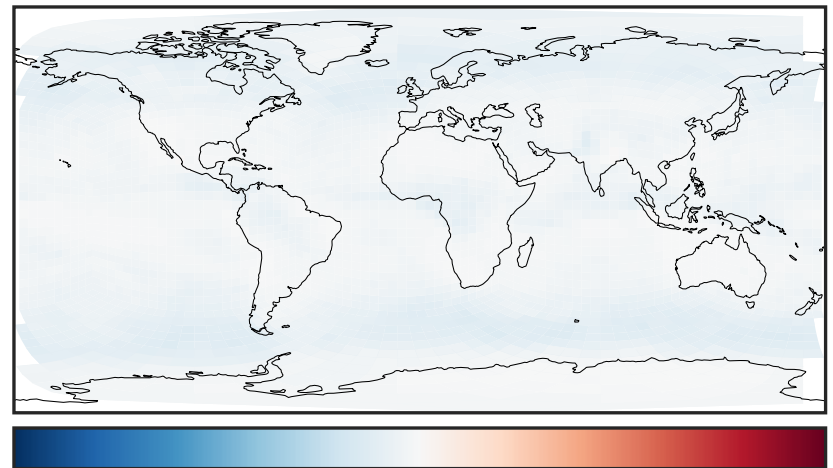
-6 0 6
s-1 1e-5

Ratio
Dev/Ref, Dynamic Range



0.996034 0.998017 1.000000 1.001991 1.003982
unitless

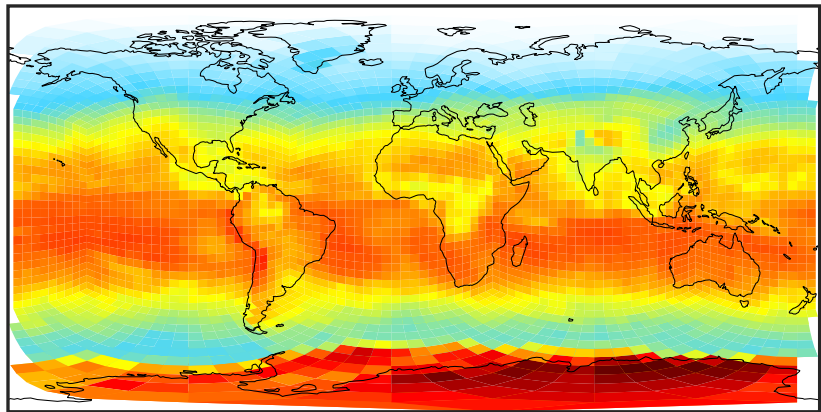
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

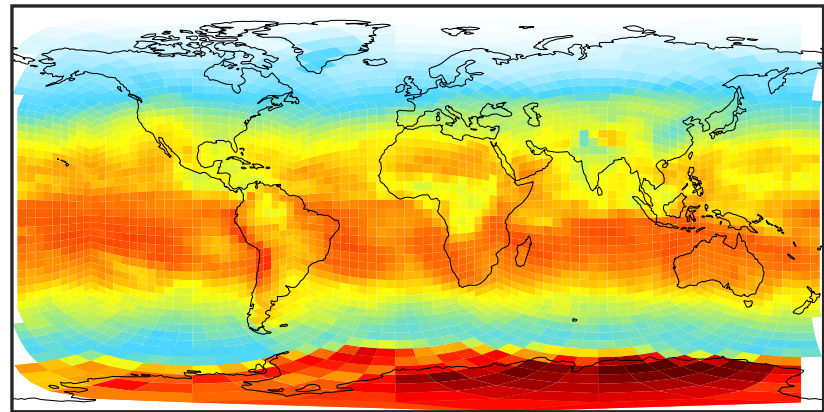
Jval_BrNO3 (Oct2019)

14.2.0-rc.2 (Ref)
c24



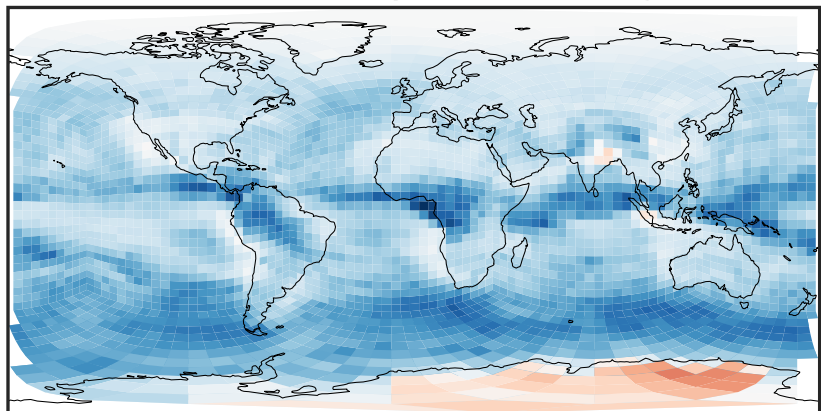
0.00025 0.00050 0.00075
s-1

14.3.0-rc.0 (Dev)
c24



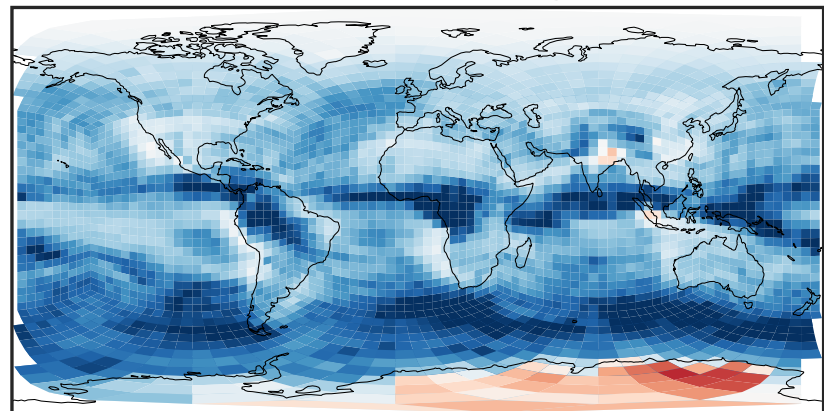
0.00025 0.00050 0.00075
s-1

Difference
Dev - Ref, Dynamic Range



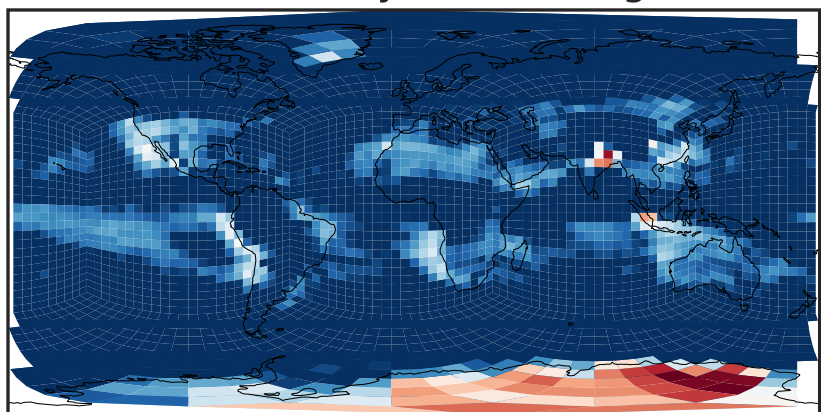
-2 0 2
s-1 1e-5

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



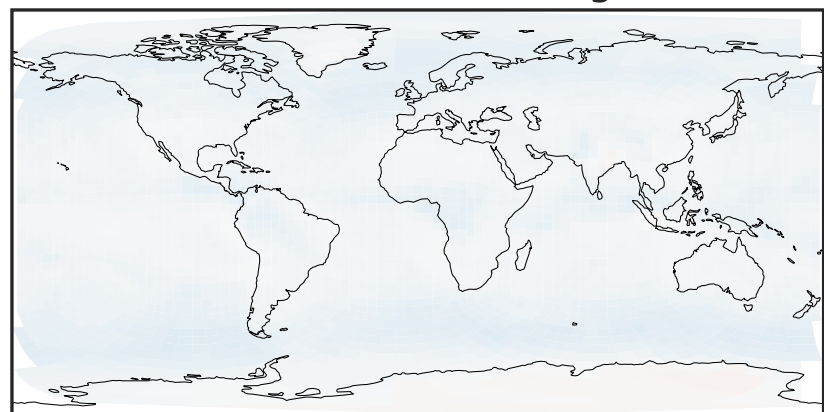
-1.5 0.0 1.5
s-1 1e-5

Ratio
Dev/Ref, Dynamic Range



0.98010 0.99005 1.00000 1.01015 1.02031
unitless

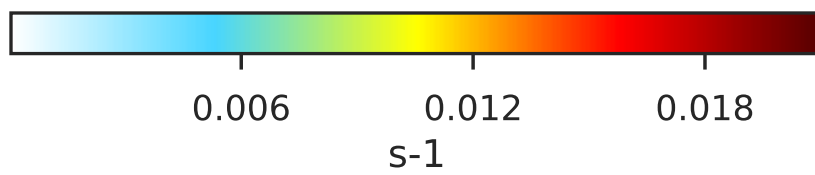
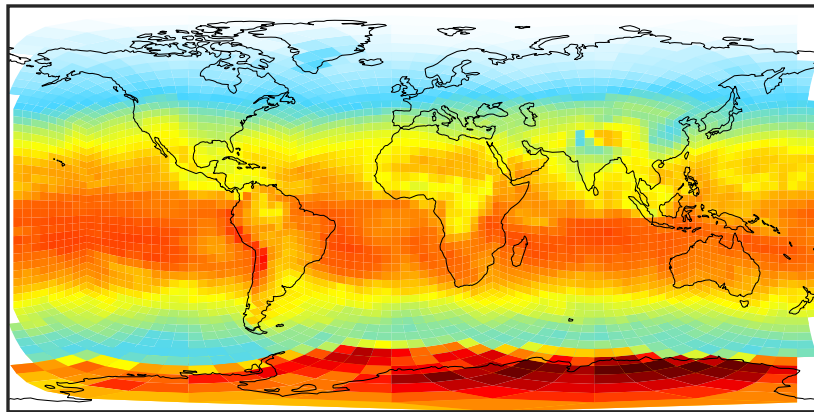
Ratio
Dev/Ref, Fixed Range



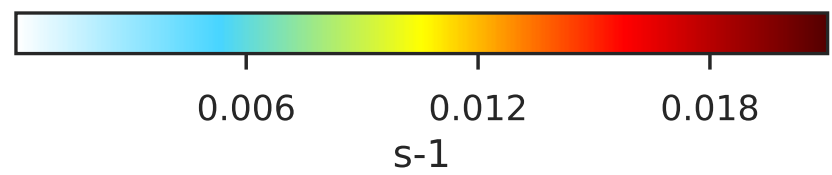
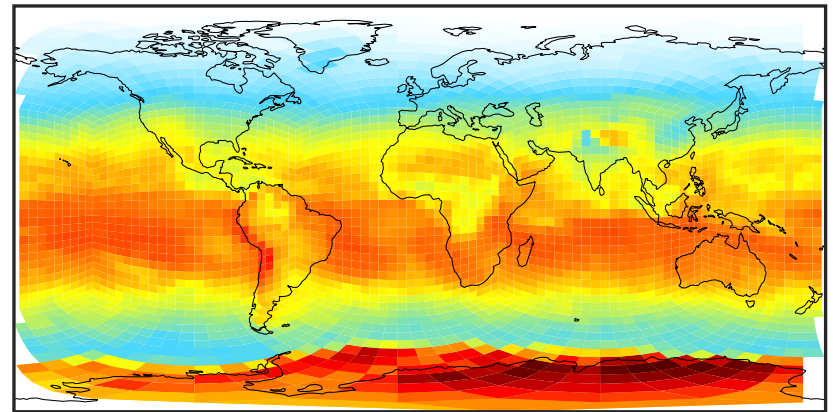
0.50 0.75 1.00 1.50 2.00
unitless

Jval_BrO (Oct2019)

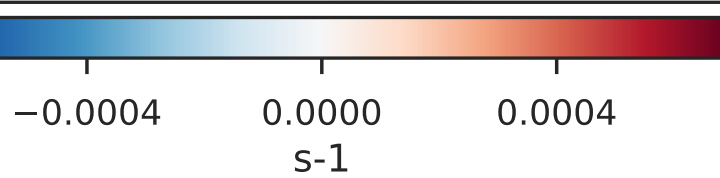
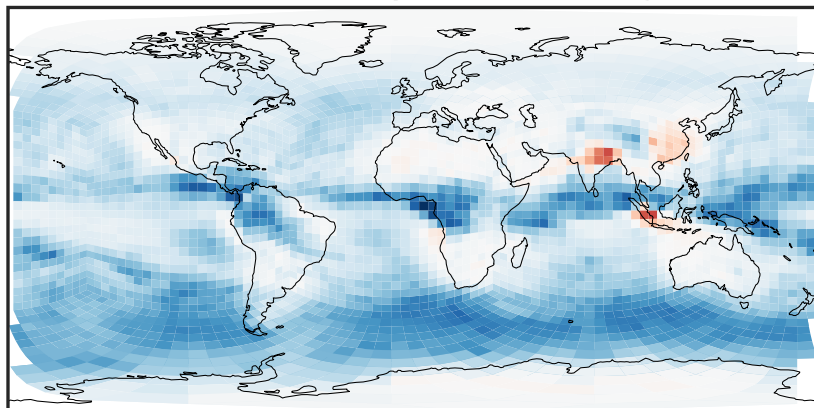
14.2.0-rc.2 (Ref)
c24



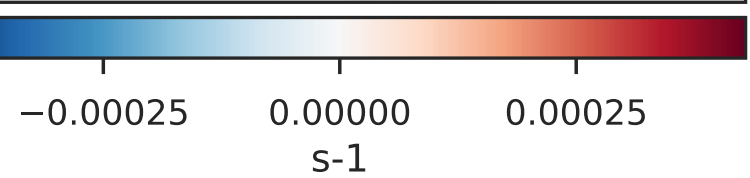
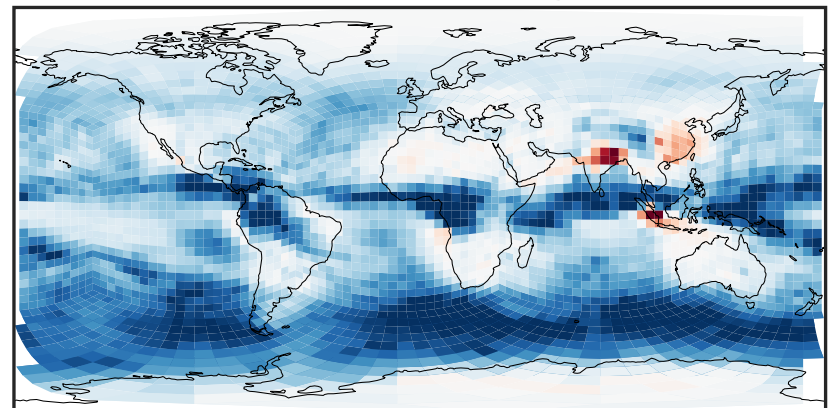
14.3.0-rc.0 (Dev)
c24



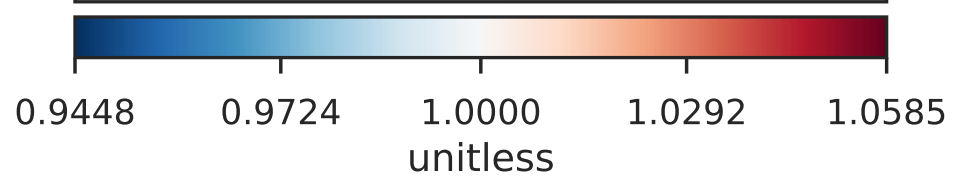
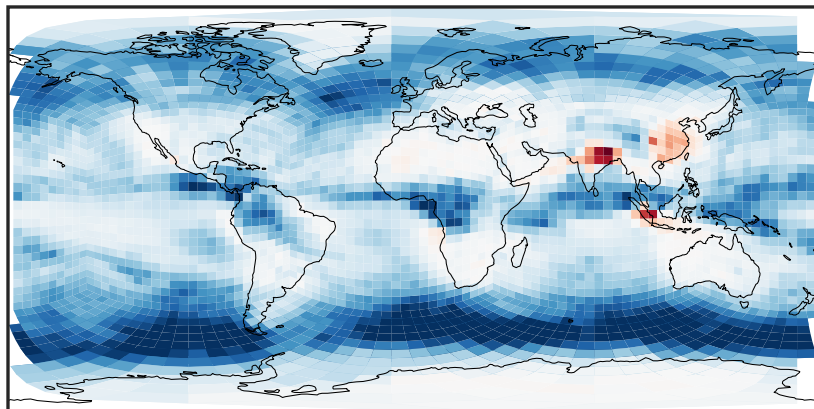
Difference
Dev - Ref, Dynamic Range



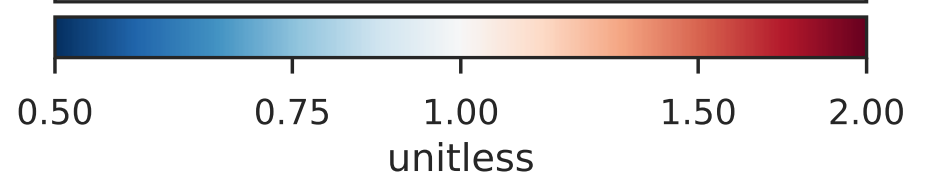
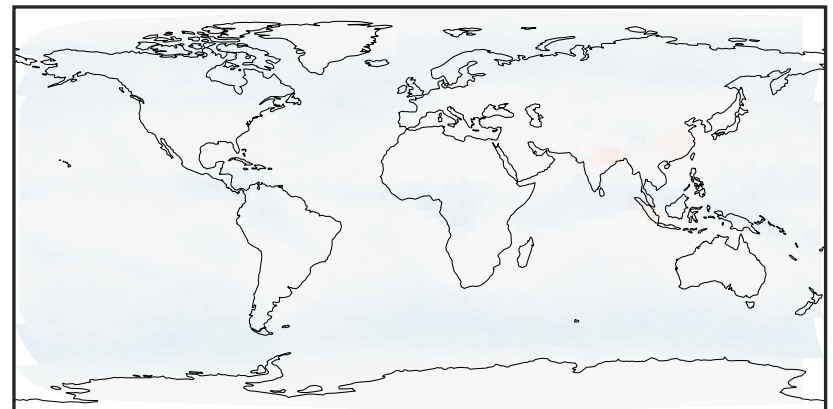
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

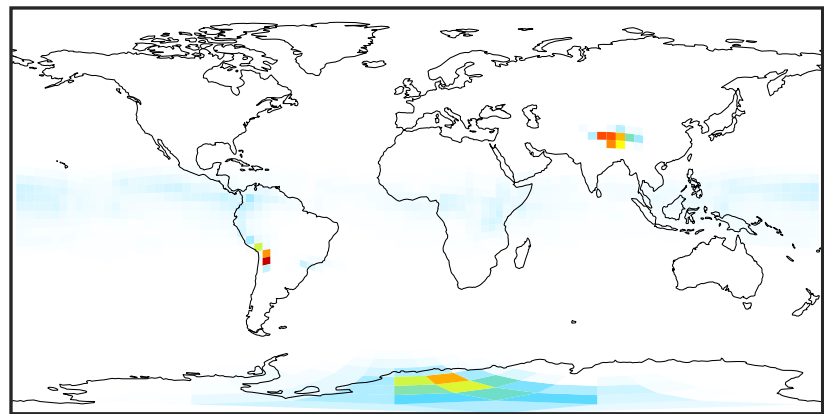


Ratio
Dev/Ref, Fixed Range



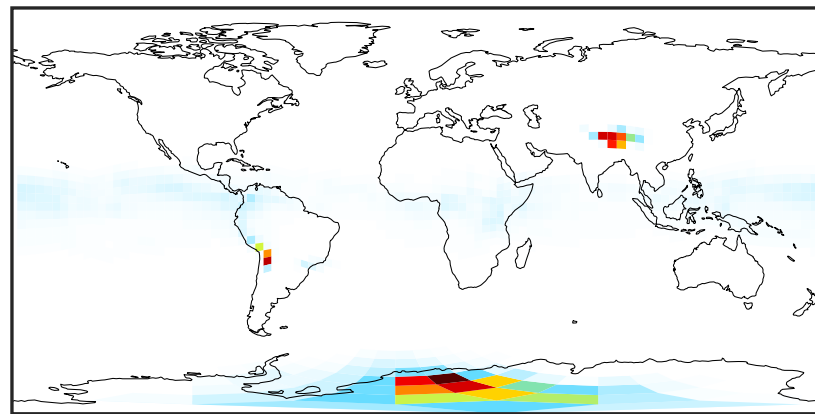
Jval_CCI4 (Oct2019)

14.2.0-rc.2 (Ref)
c24



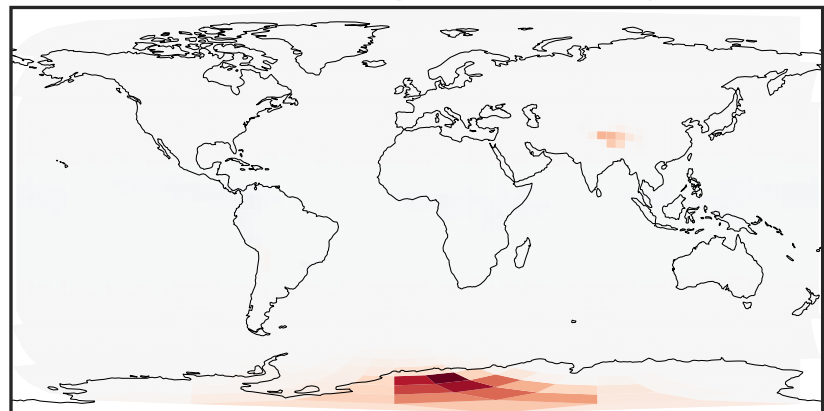
0.6 1.2 1.8
s-1 $1e-18$

14.3.0-rc.0 (Dev)
c24



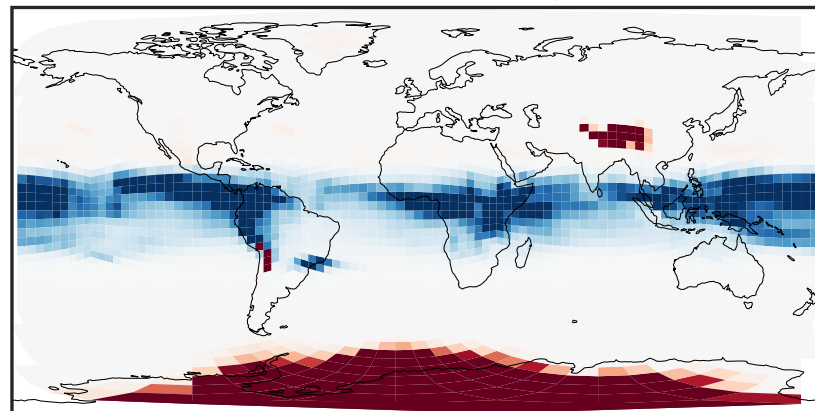
0.6 1.2 1.8
s-1 $1e-18$

Difference
Dev - Ref, Dynamic Range



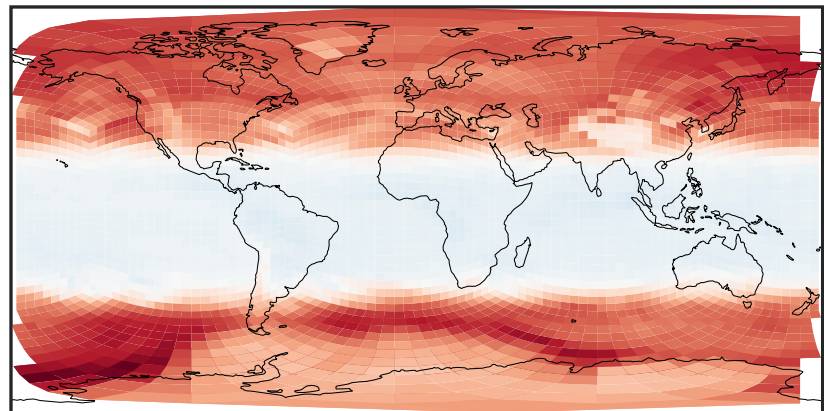
-6 0 6
s-1 $1e-19$

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



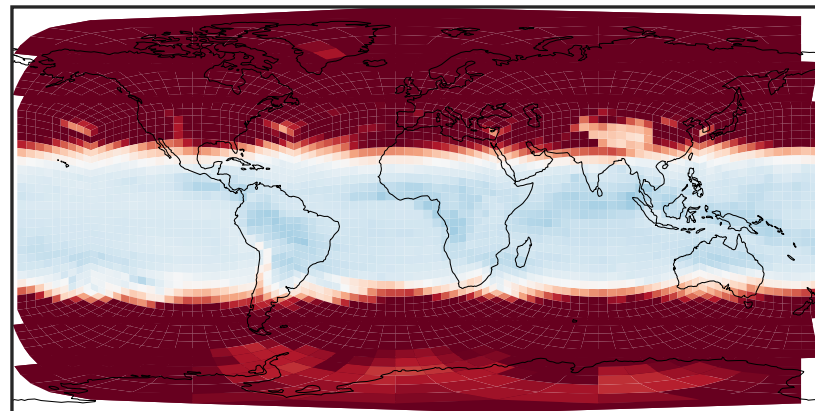
-5 0 5
s-1 $1e-21$

Ratio
Dev/Ref, Dynamic Range



0.175 0.588 1.000 3.356 5.712
unitless

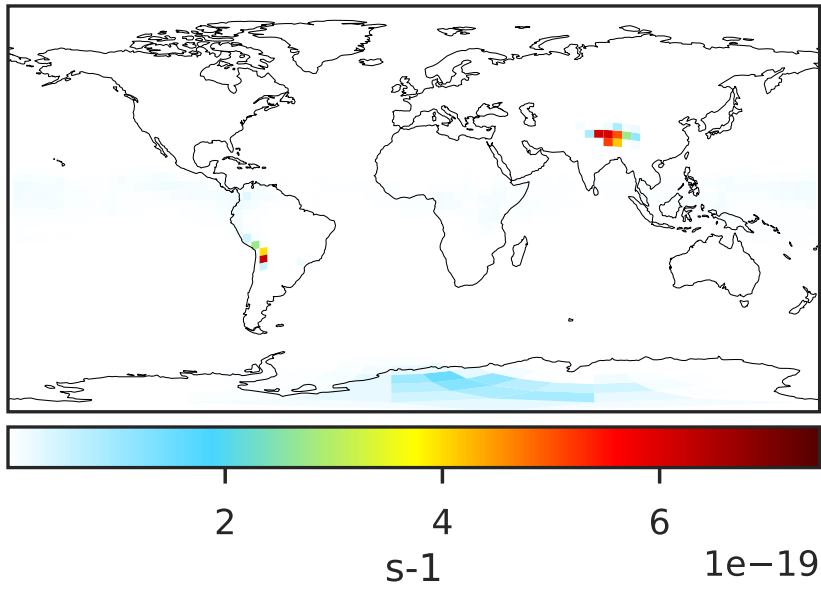
Ratio
Dev/Ref, Fixed Range



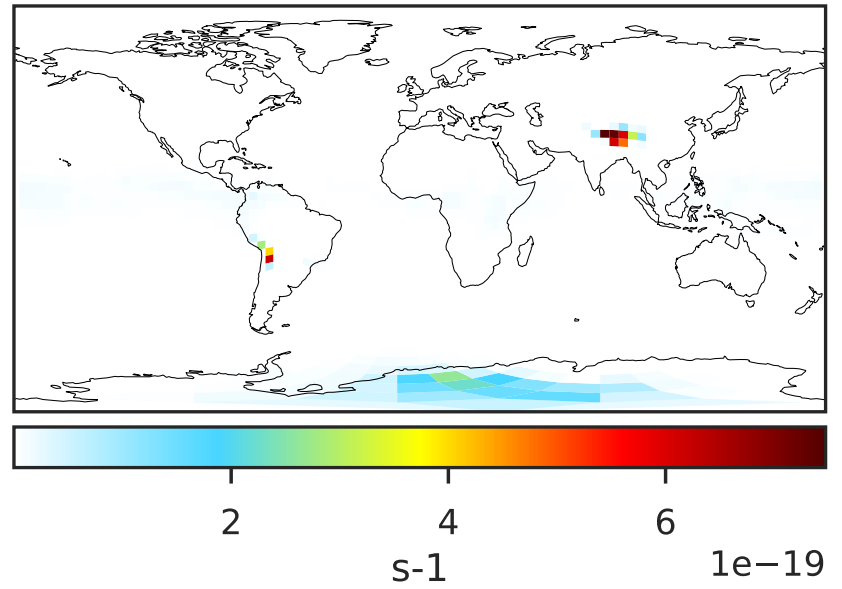
0.50 0.75 1.00 1.50 2.00
unitless

Jval_CFC11 (Oct2019)

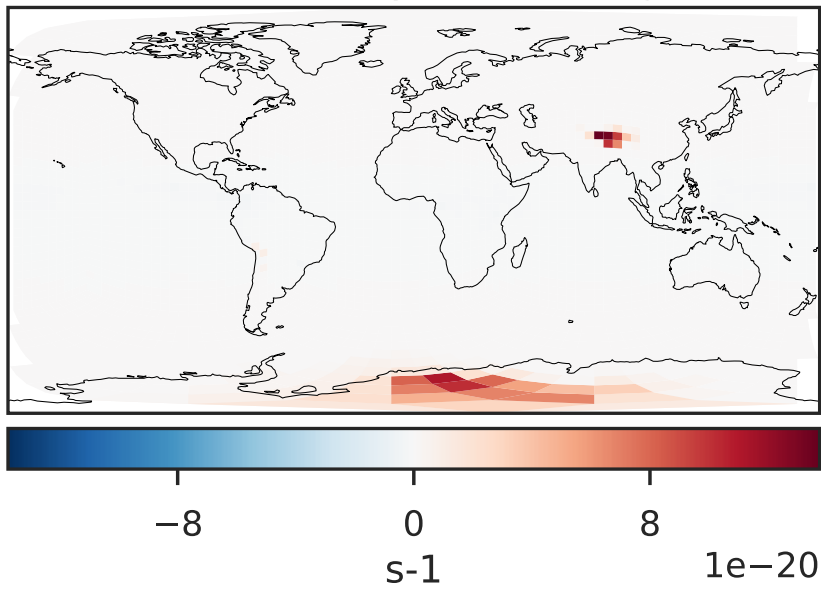
14.2.0-rc.2 (Ref)
c24



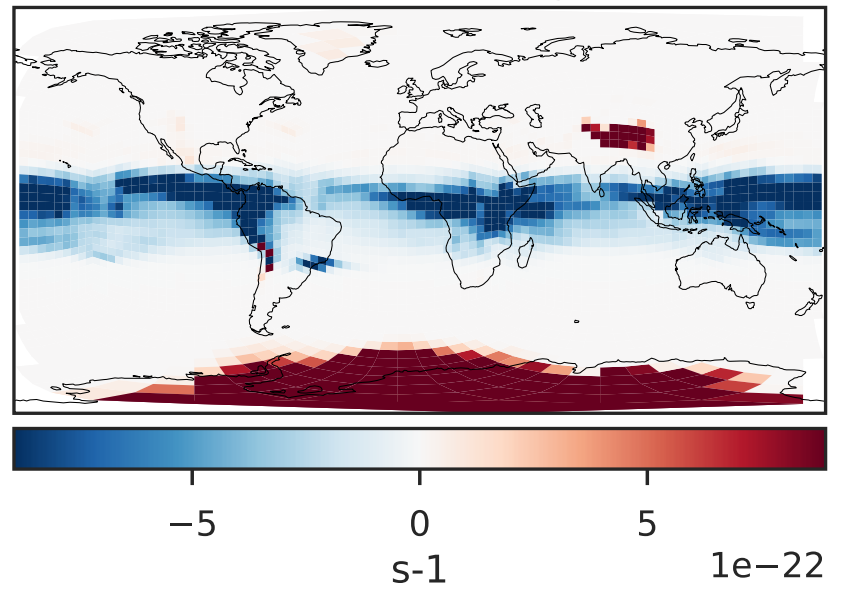
14.3.0-rc.0 (Dev)
c24



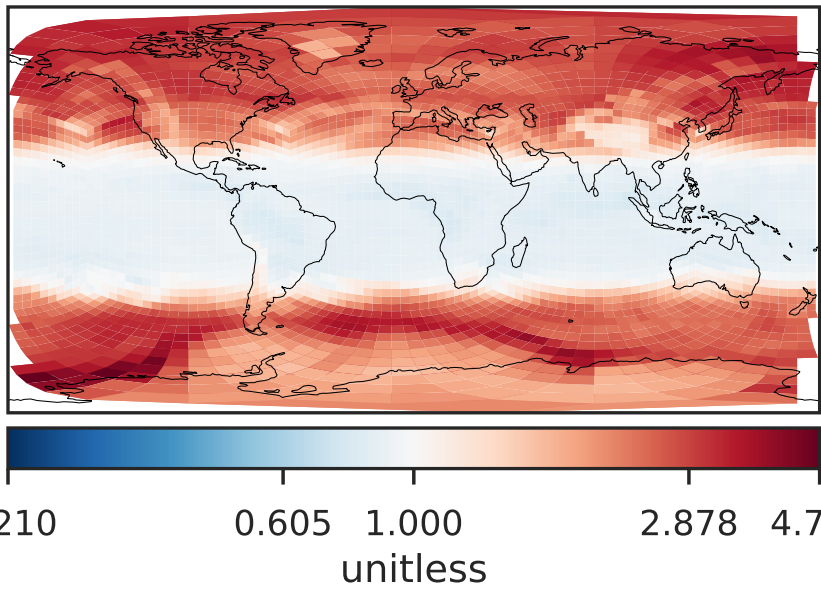
Difference
Dev - Ref, Dynamic Range



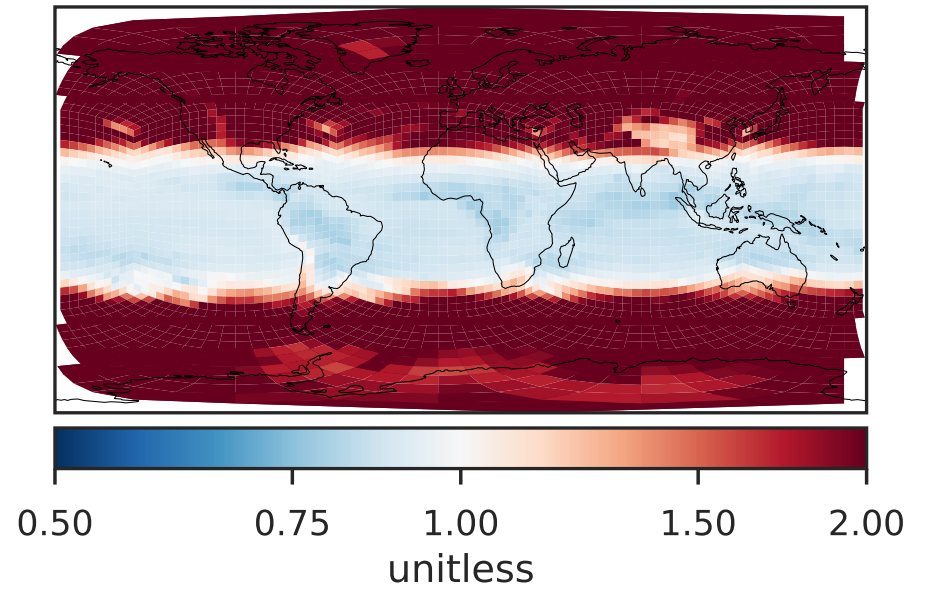
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

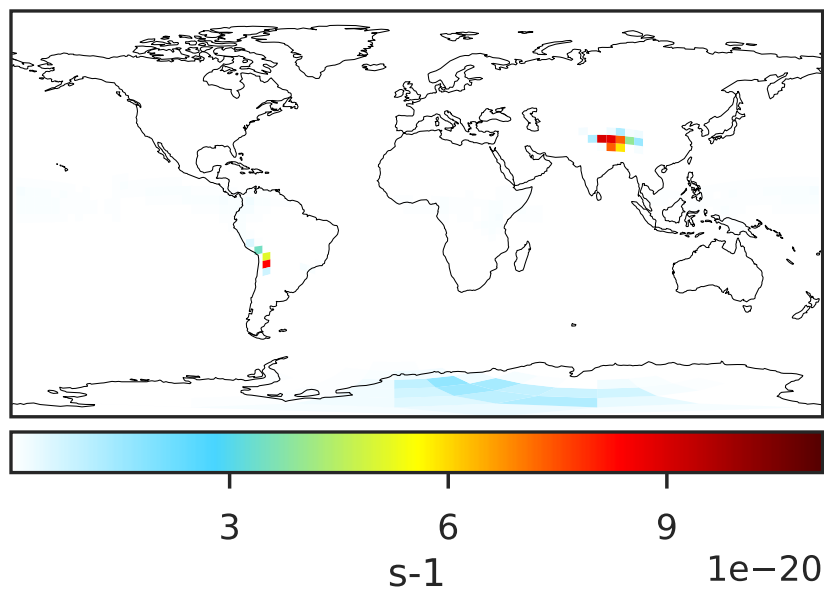


Ratio
Dev/Ref, Fixed Range

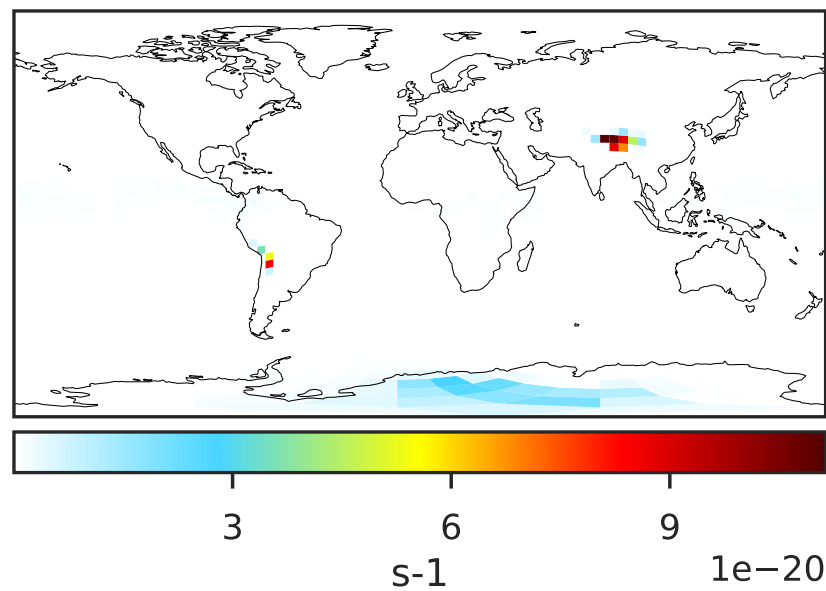


Jval_CFC113 (Oct2019)

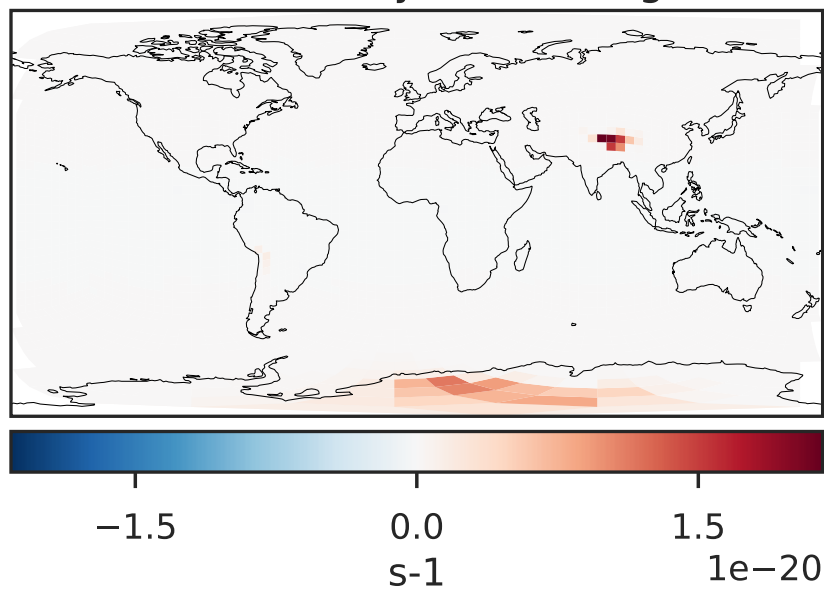
14.2.0-rc.2 (Ref)
c24



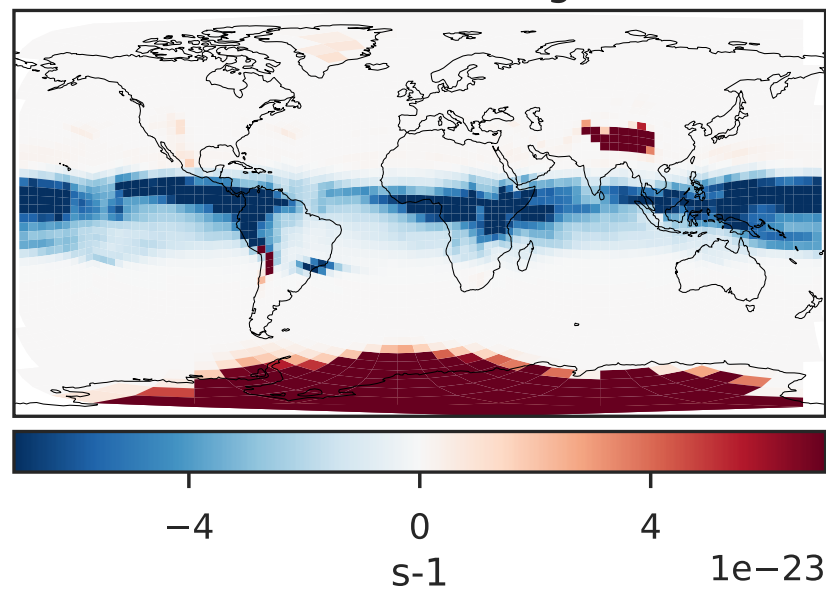
14.3.0-rc.0 (Dev)
c24



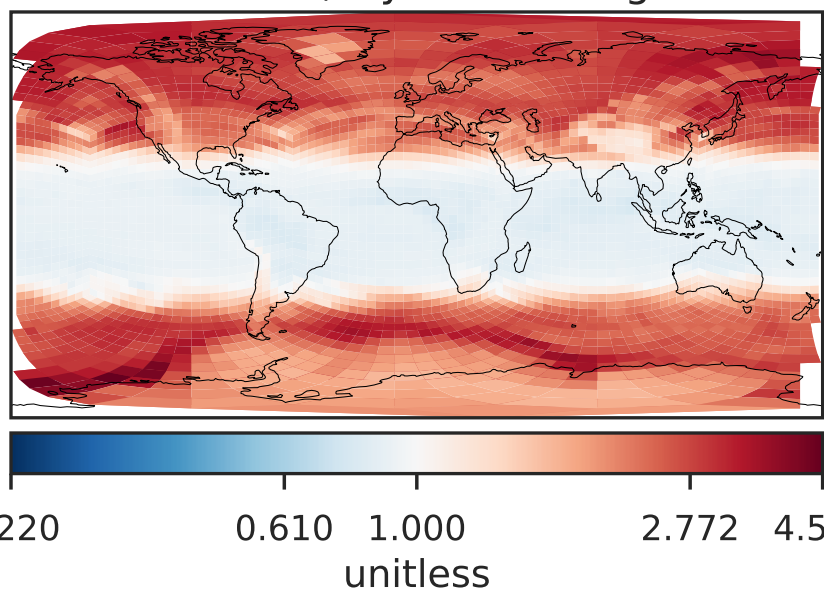
Difference
Dev - Ref, Dynamic Range



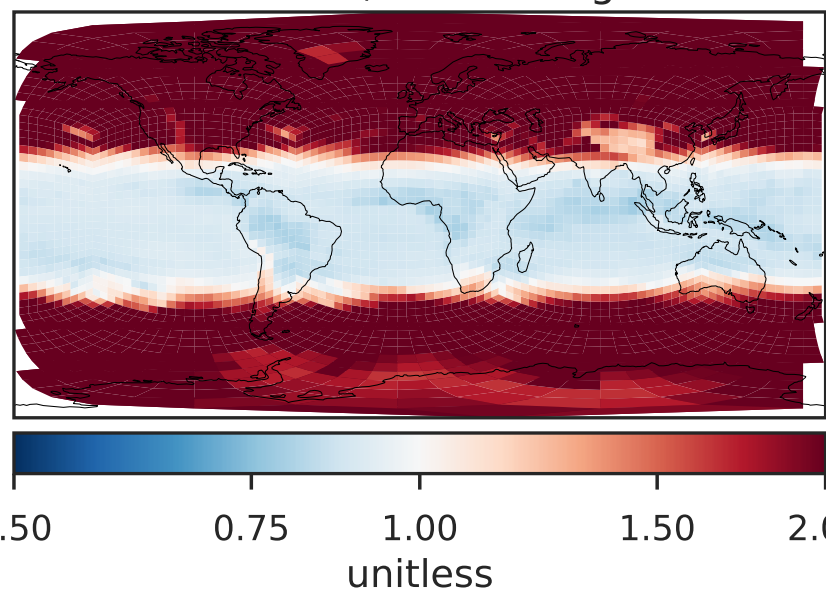
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

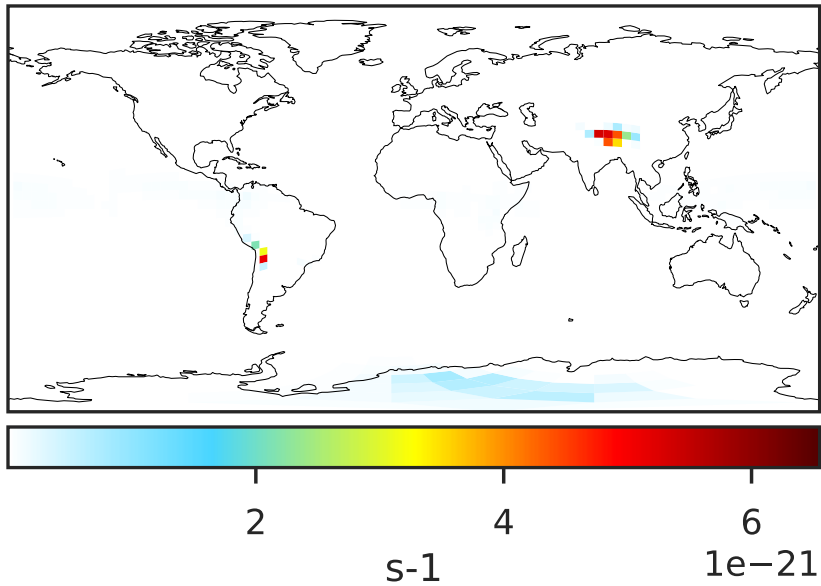


Ratio
Dev/Ref, Fixed Range

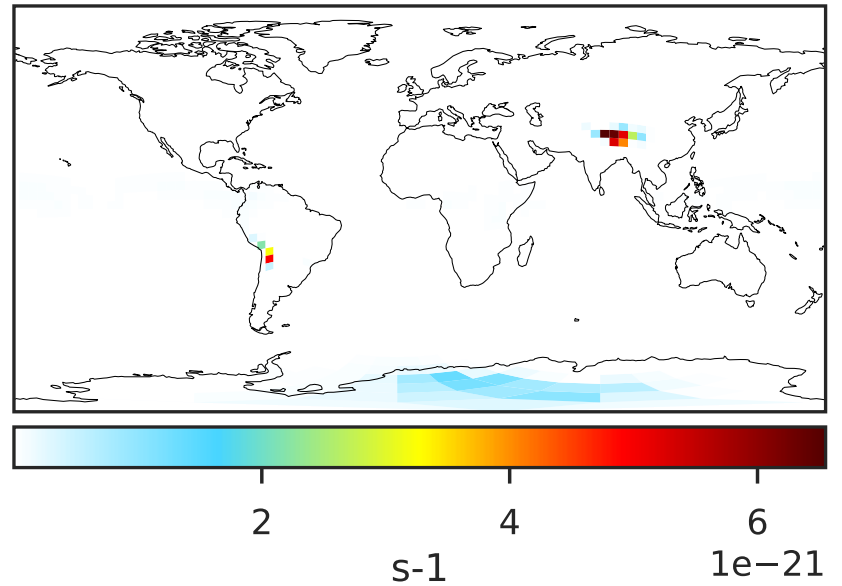


Jval_CFC114 (Oct2019)

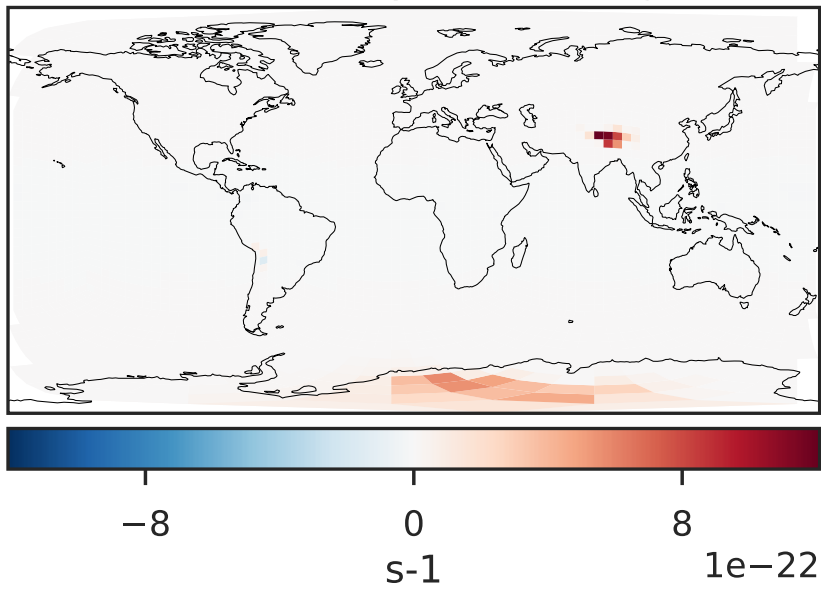
14.2.0-rc.2 (Ref)
c24



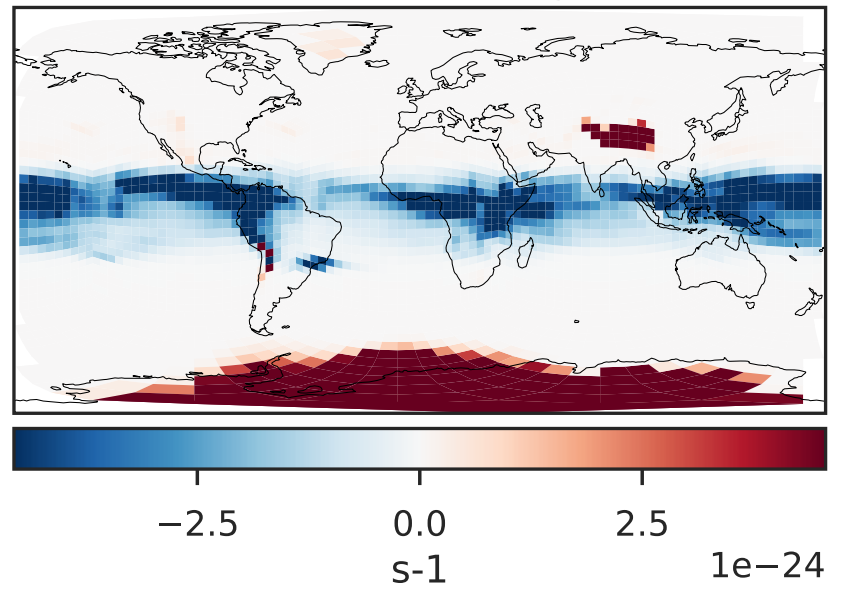
14.3.0-rc.0 (Dev)
c24



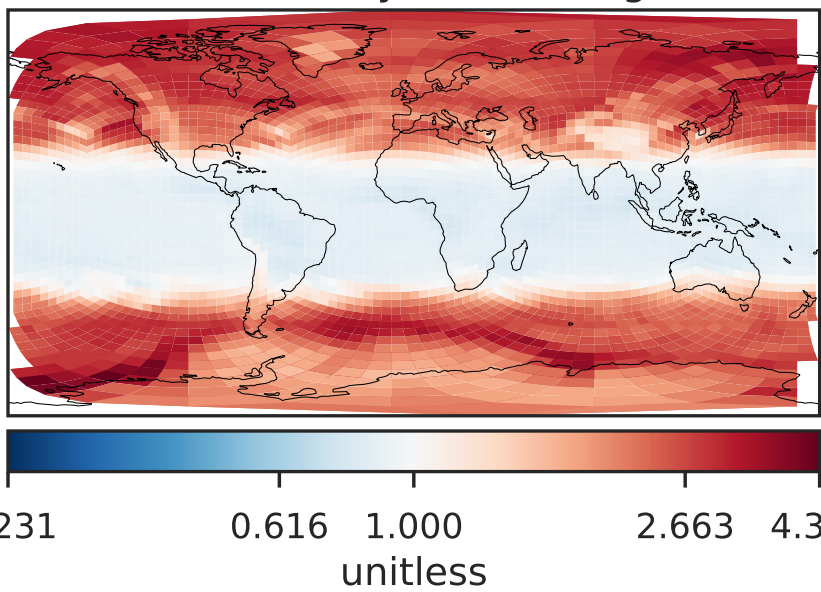
Difference
Dev - Ref, Dynamic Range



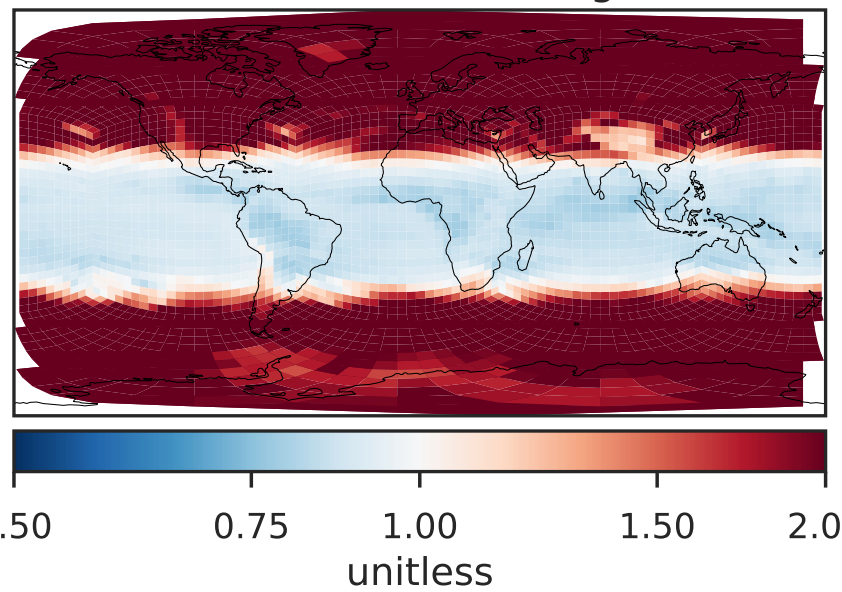
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

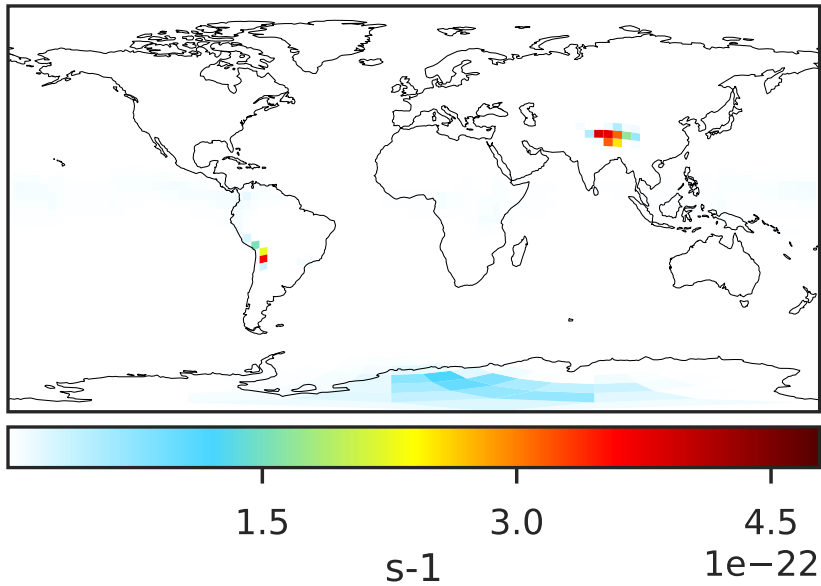


Ratio
Dev/Ref, Fixed Range

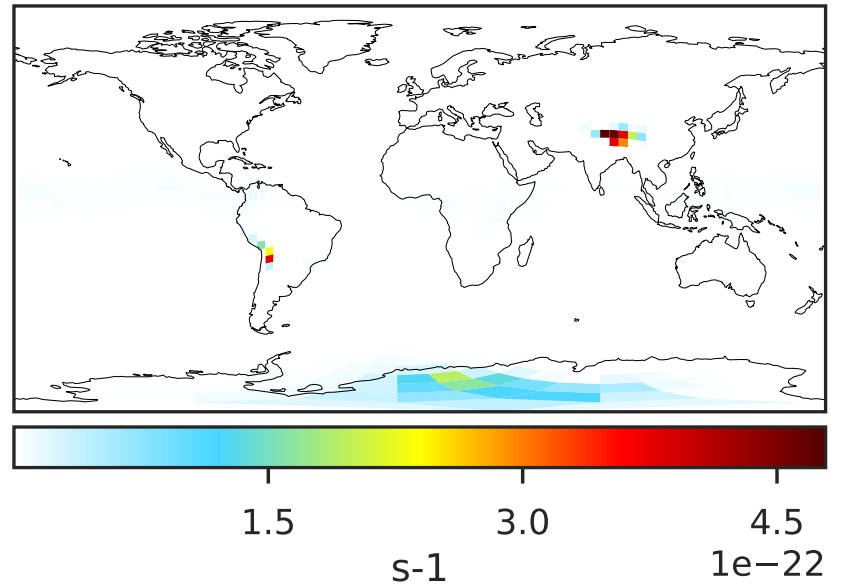


Jval_CFC115 (Oct2019)

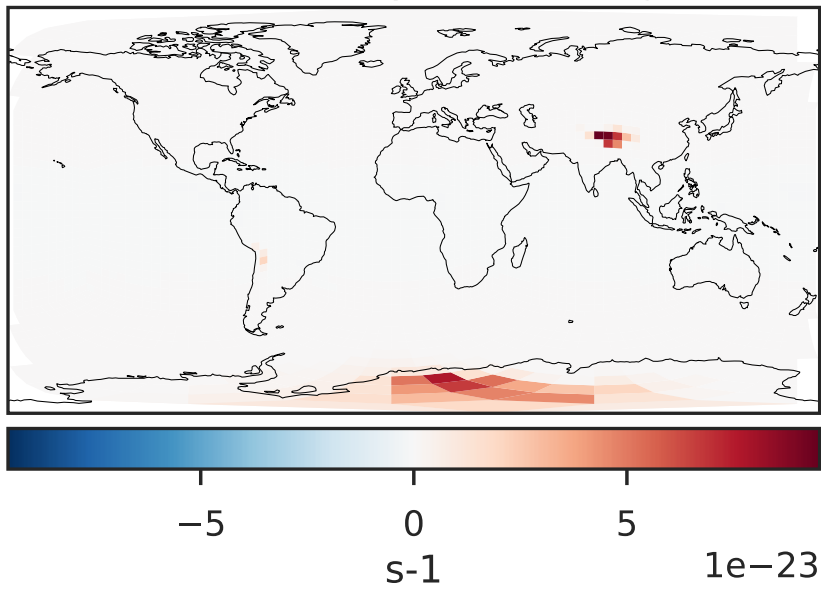
14.2.0-rc.2 (Ref)
c24



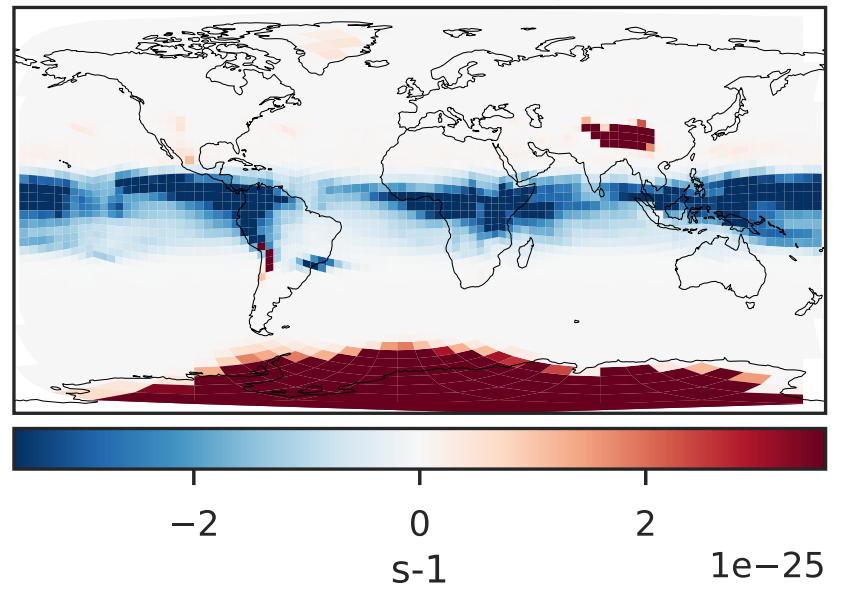
14.3.0-rc.0 (Dev)
c24



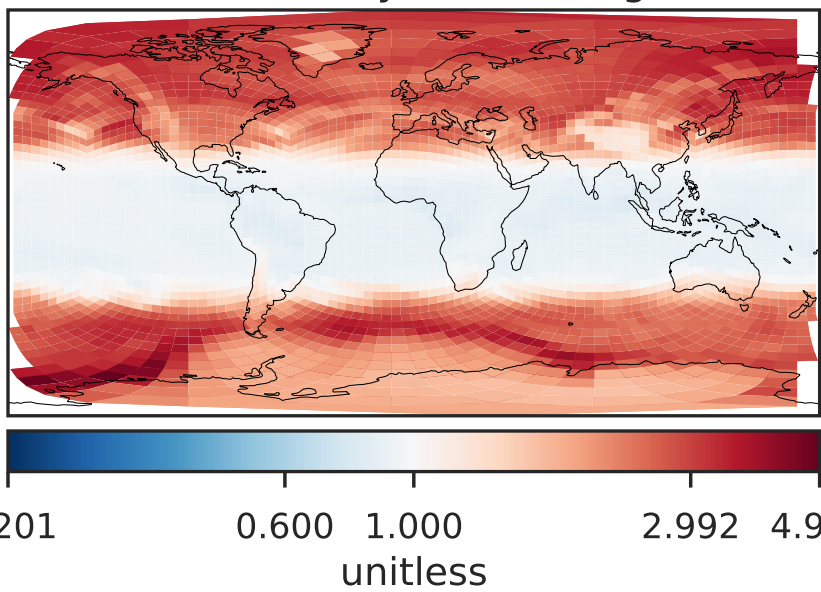
Difference
Dev - Ref, Dynamic Range



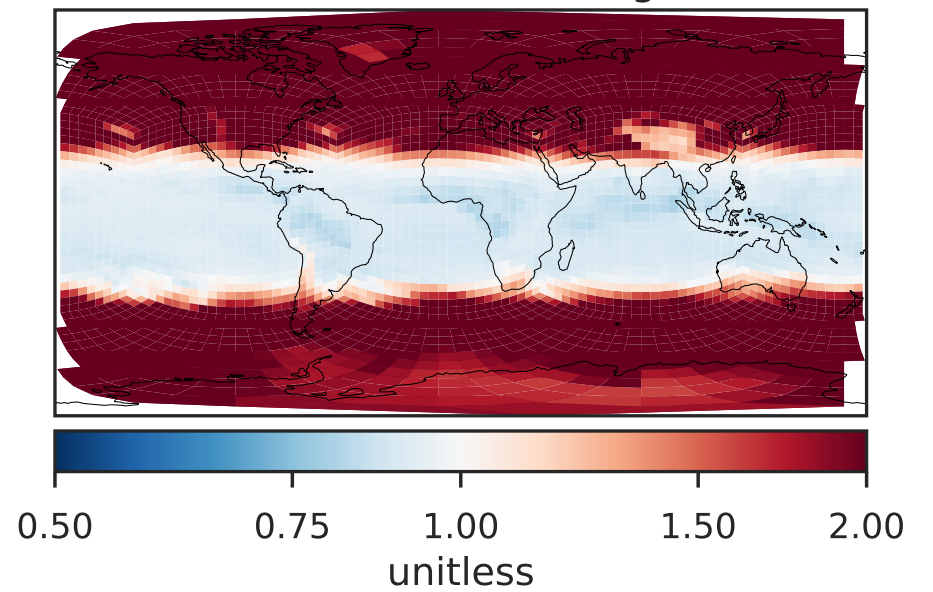
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

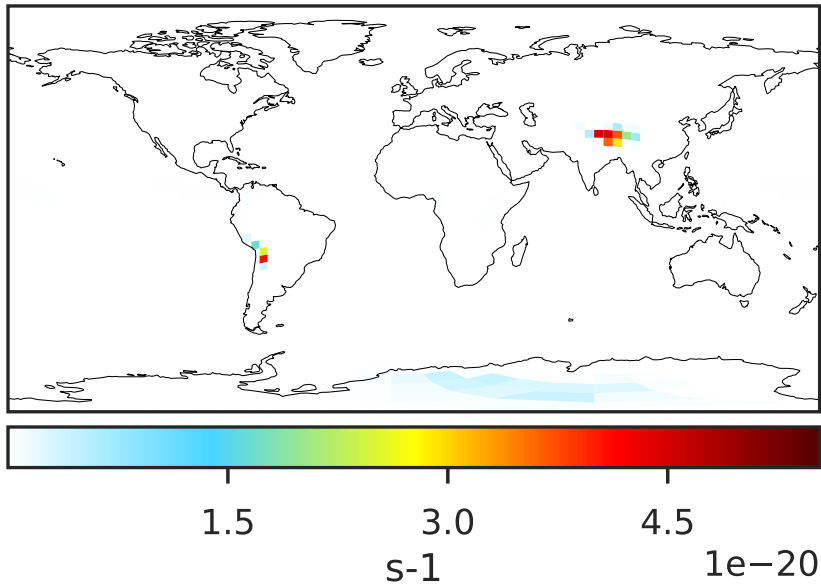


Ratio
Dev/Ref, Fixed Range

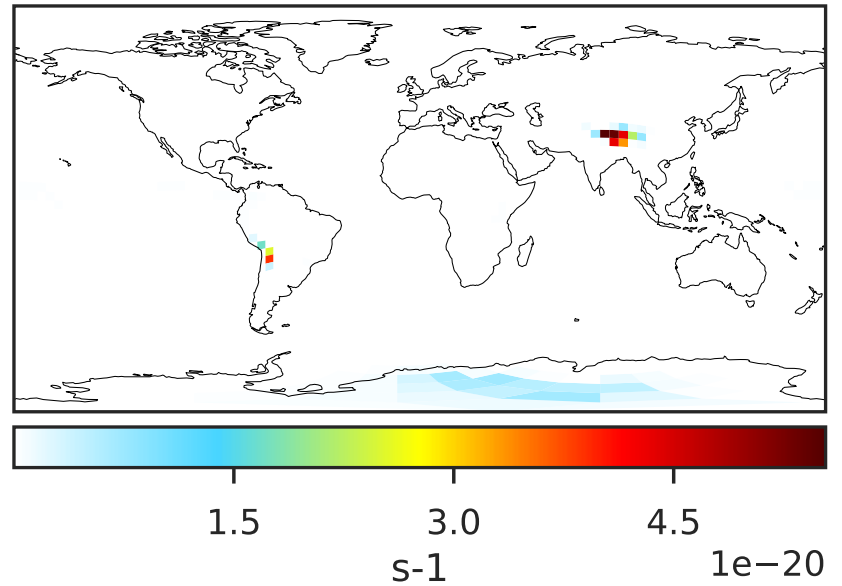


Jval_CFC12 (Oct2019)

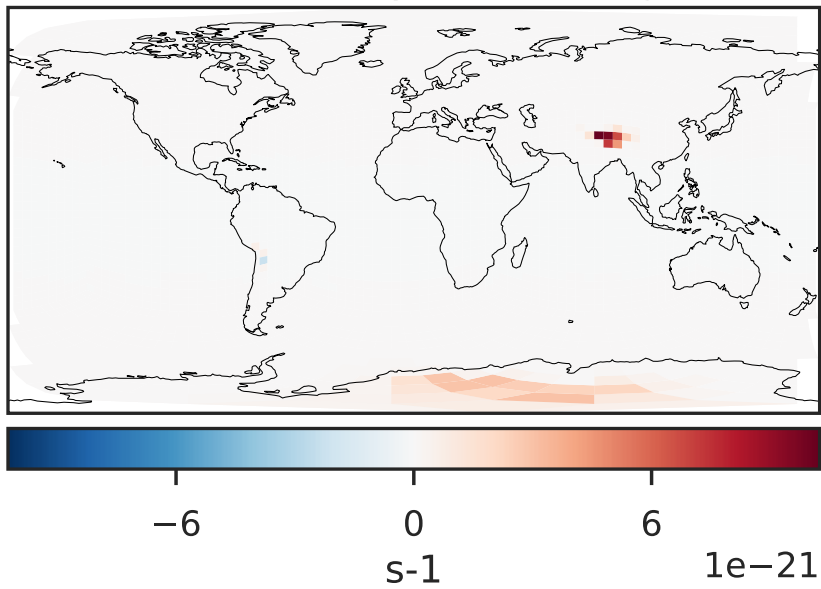
14.2.0-rc.2 (Ref)
c24



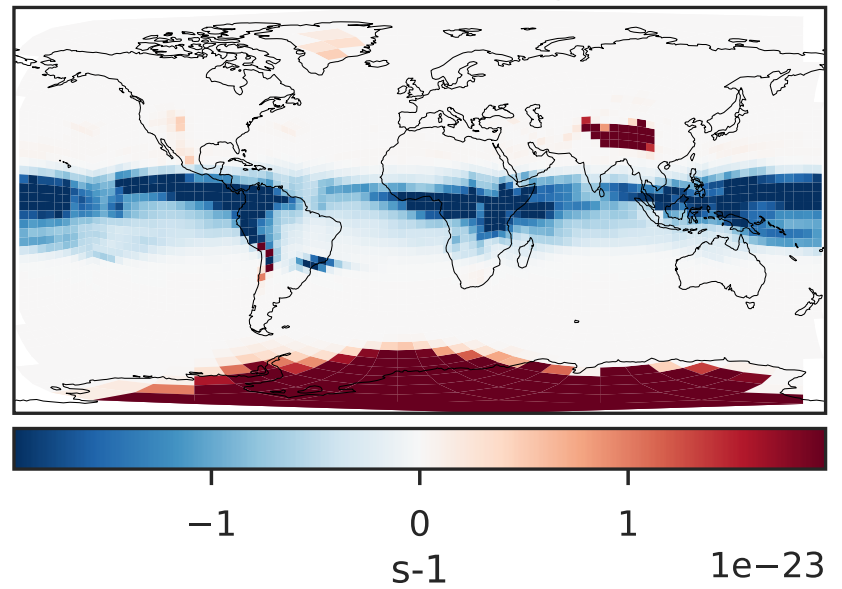
14.3.0-rc.0 (Dev)
c24



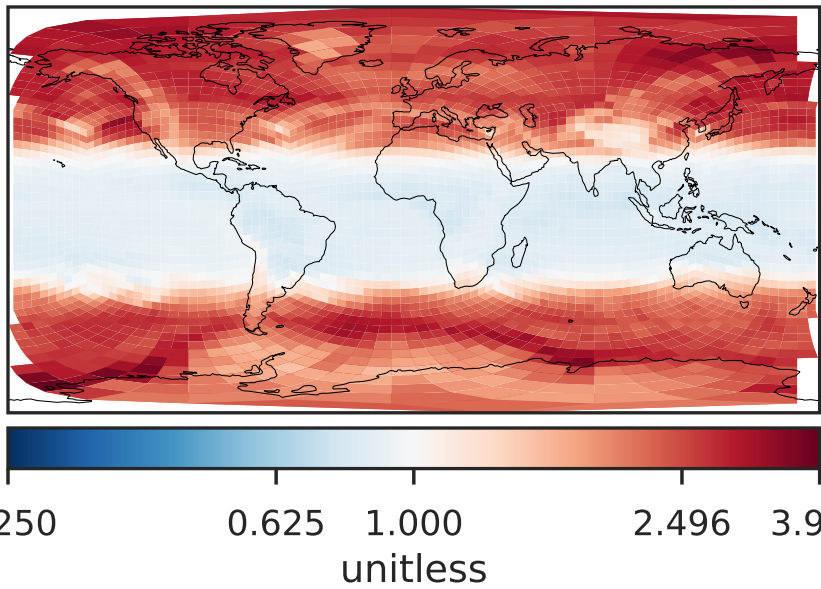
Difference
Dev - Ref, Dynamic Range



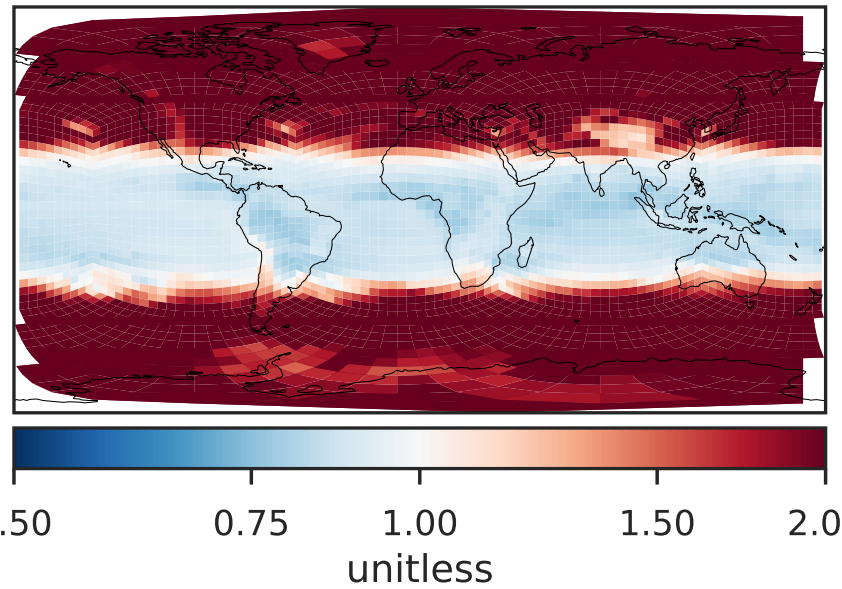
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

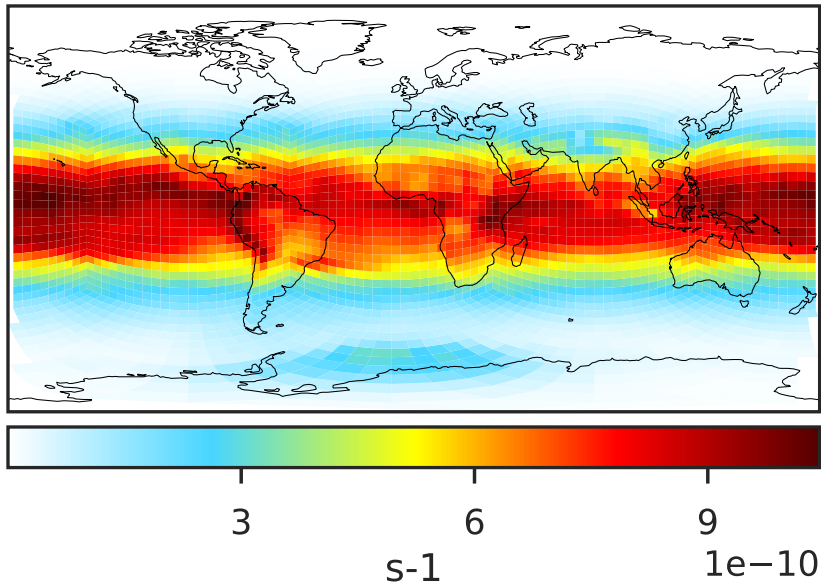


Ratio
Dev/Ref, Fixed Range

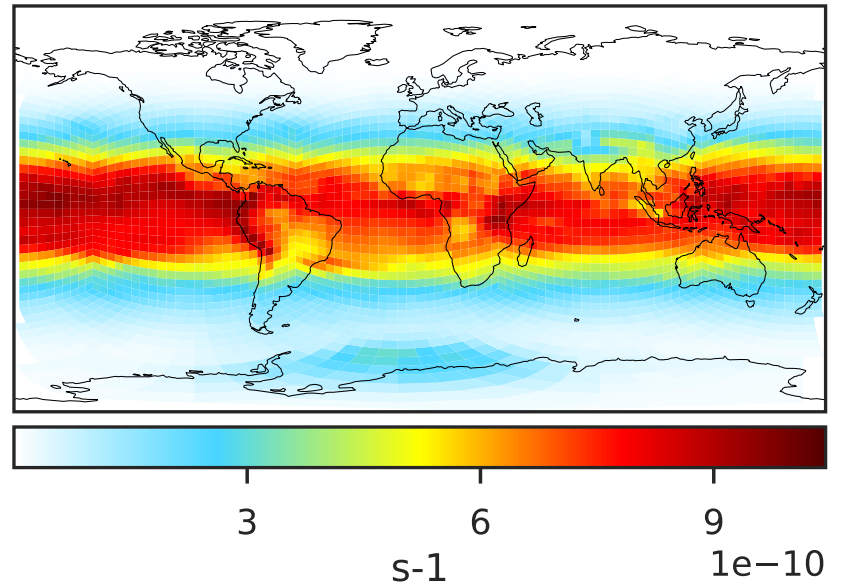


Jval_CH2Br2 (Oct2019)

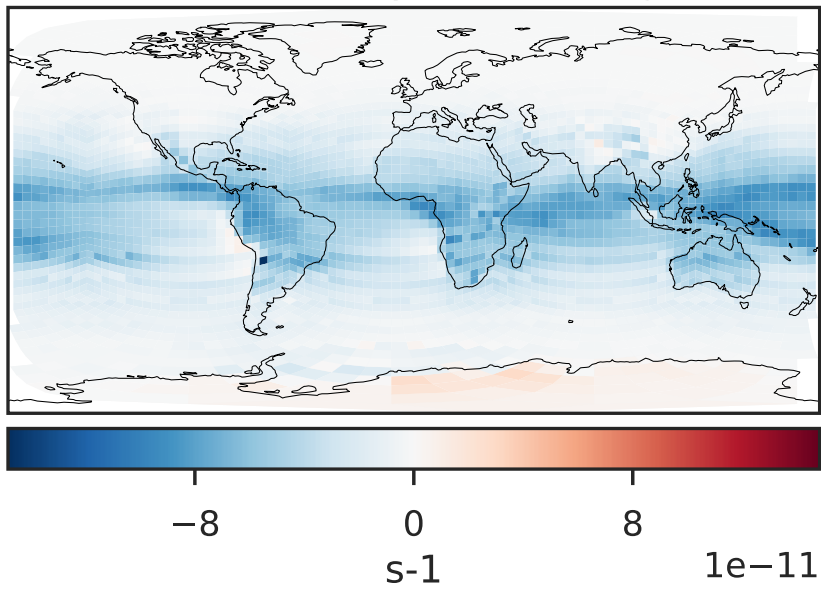
14.2.0-rc.2 (Ref)
c24



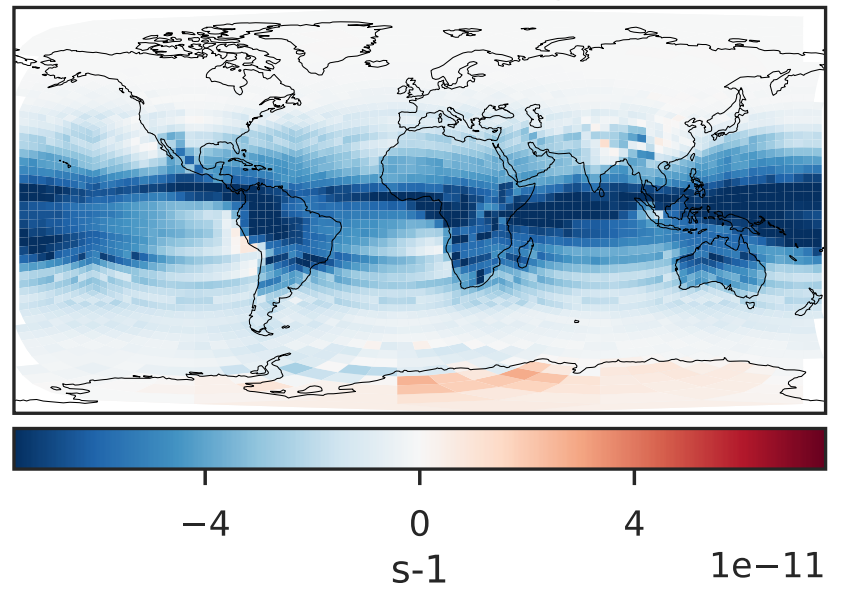
14.3.0-rc.0 (Dev)
c24



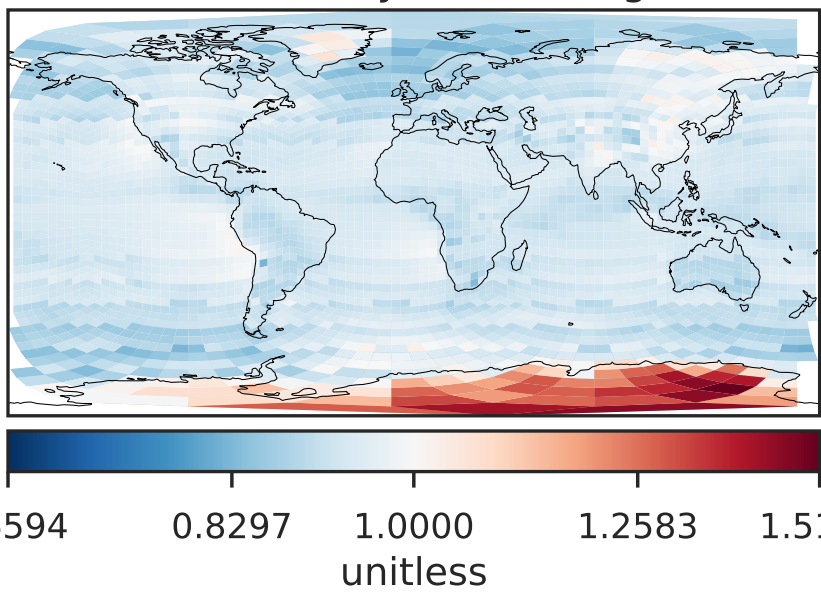
Difference
Dev - Ref, Dynamic Range



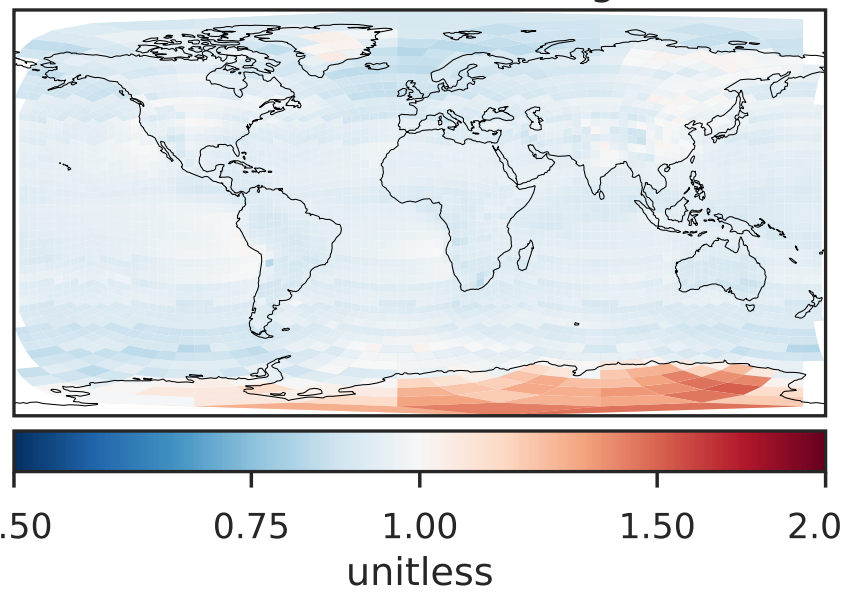
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

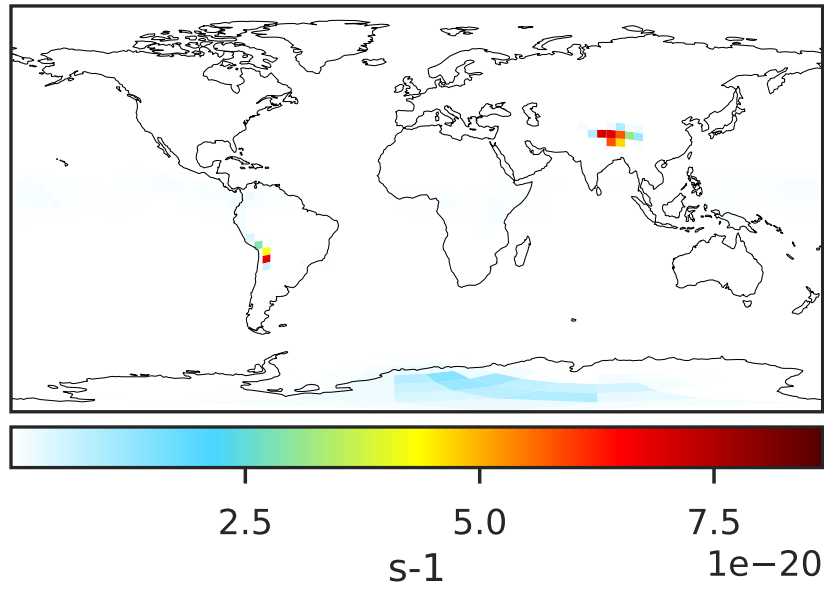


Ratio
Dev/Ref, Fixed Range

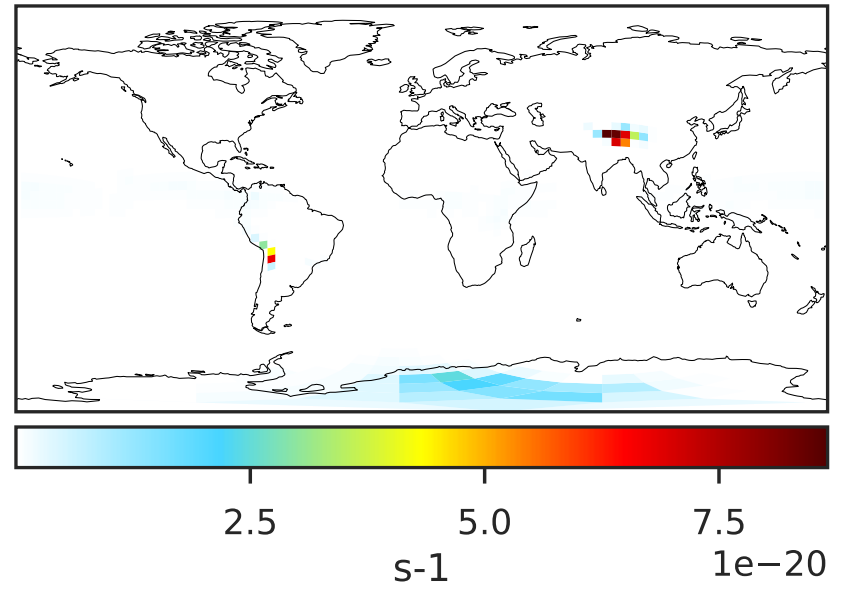


Jval_CH2Cl2 (Oct2019)

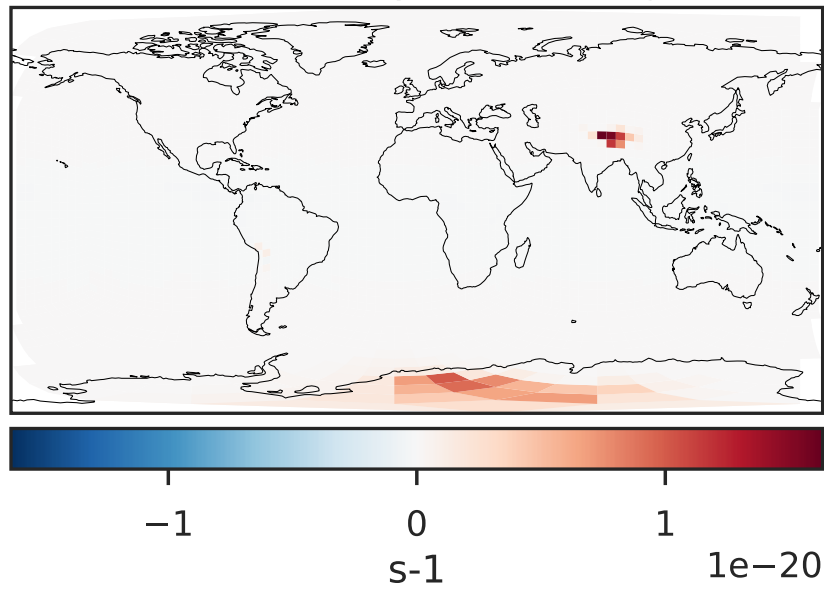
14.2.0-rc.2 (Ref)
c24



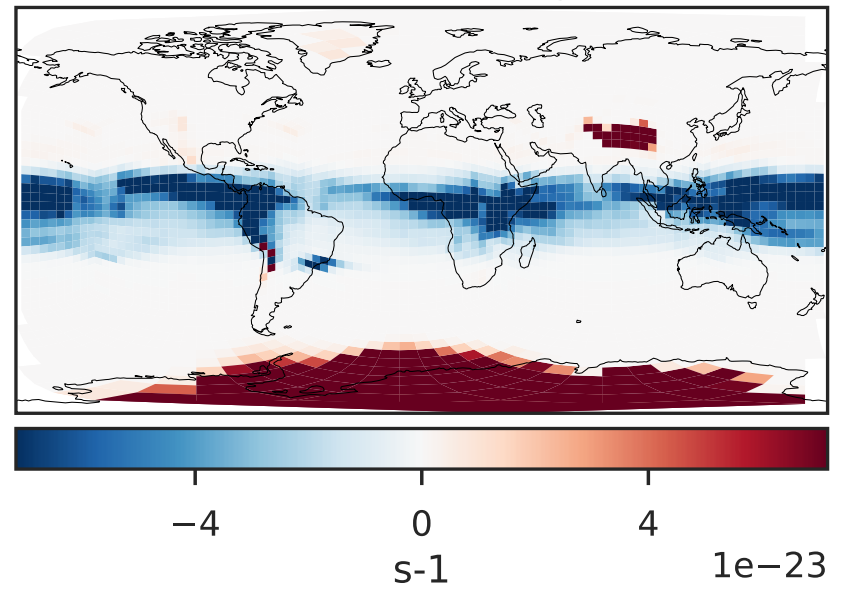
14.3.0-rc.0 (Dev)
c24



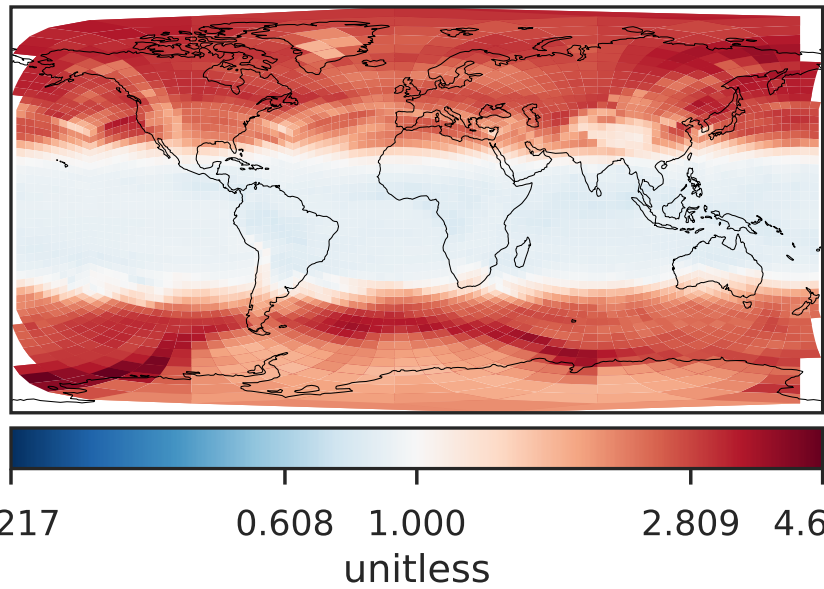
Difference
Dev - Ref, Dynamic Range



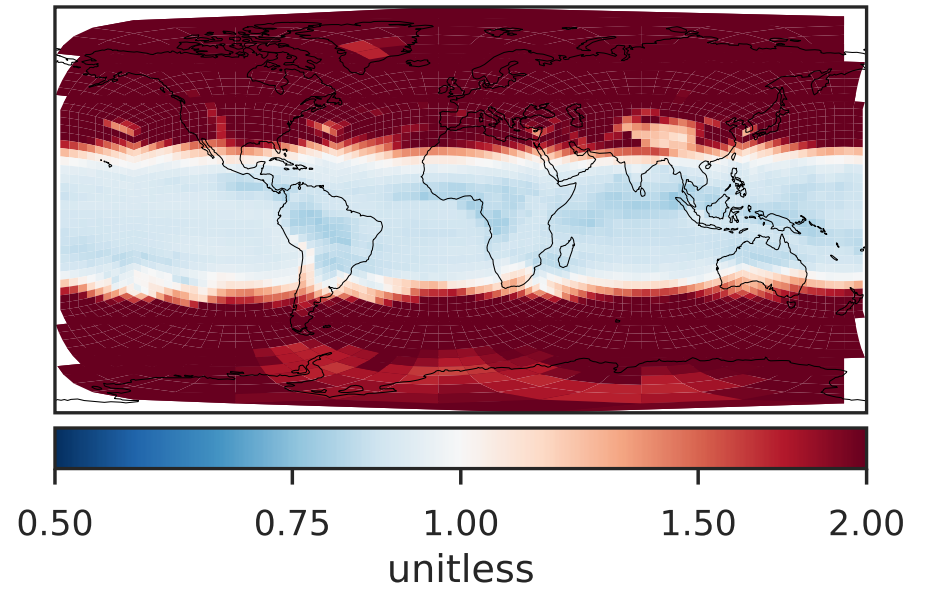
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

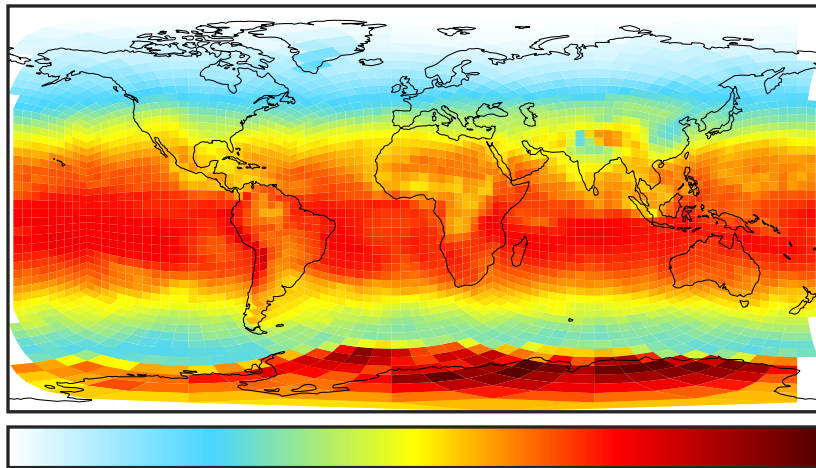


Ratio
Dev/Ref, Fixed Range



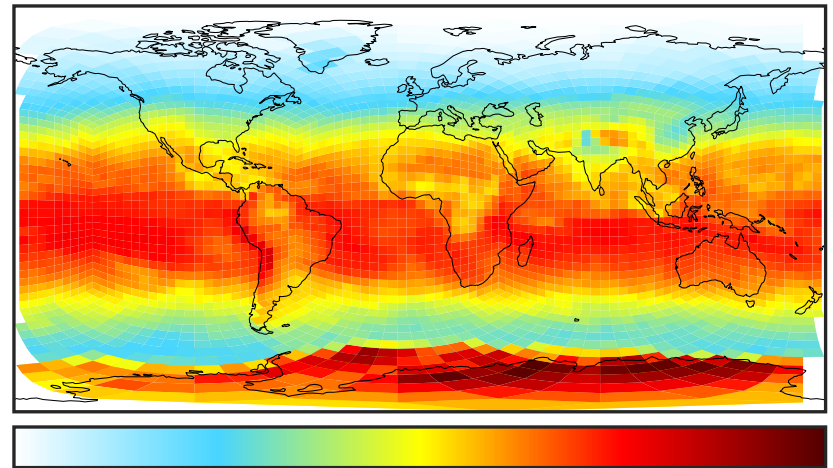
Jval_CH2I2 (Oct2019)

14.2.0-rc.2 (Ref)
c24



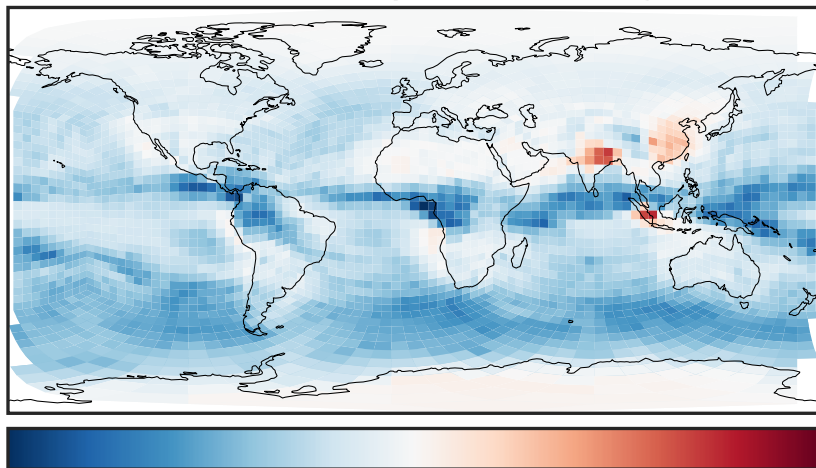
0.0015 0.0030
s-1

14.3.0-rc.0 (Dev)
c24



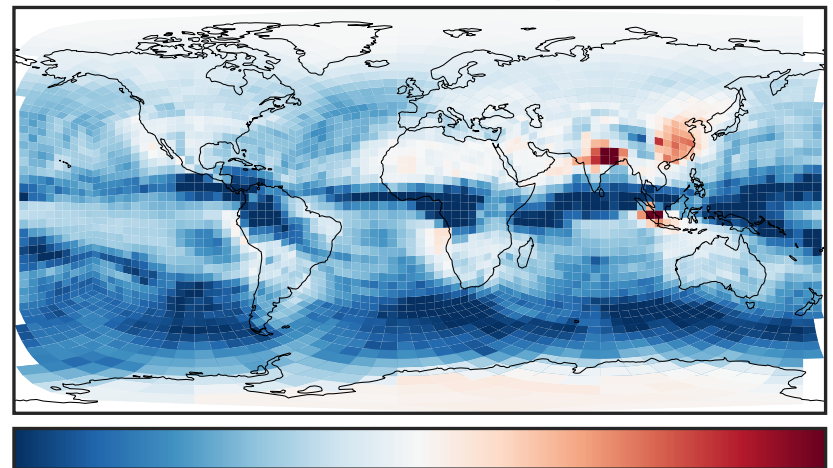
0.0015 0.0030
s-1

Difference
Dev - Ref, Dynamic Range



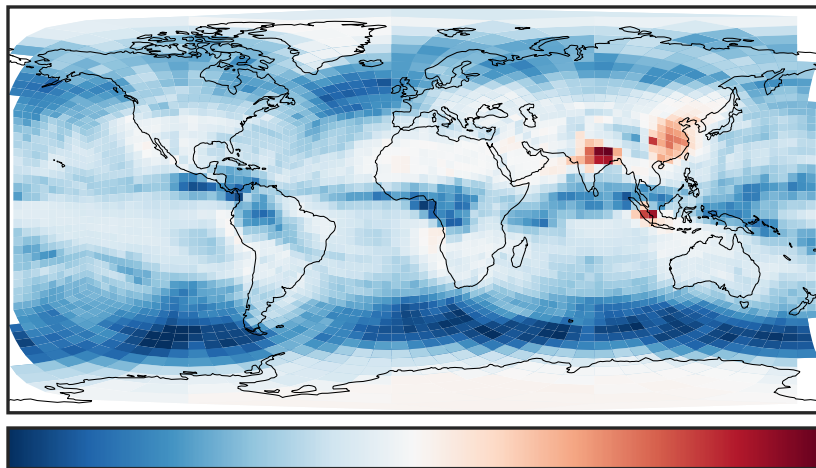
-8 0 8
s-1 1e-5

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



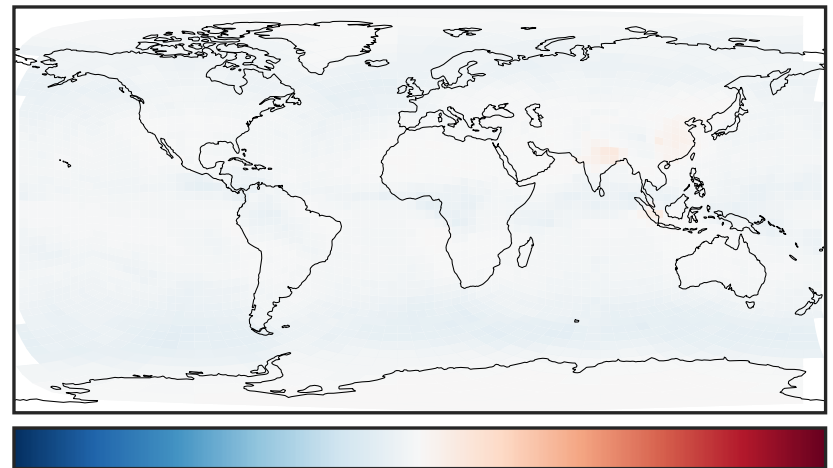
-5 0 5
s-1 1e-5

Ratio
Dev/Ref, Dynamic Range



0.9350 0.9675 1.0000 1.0348 1.0696
unitless

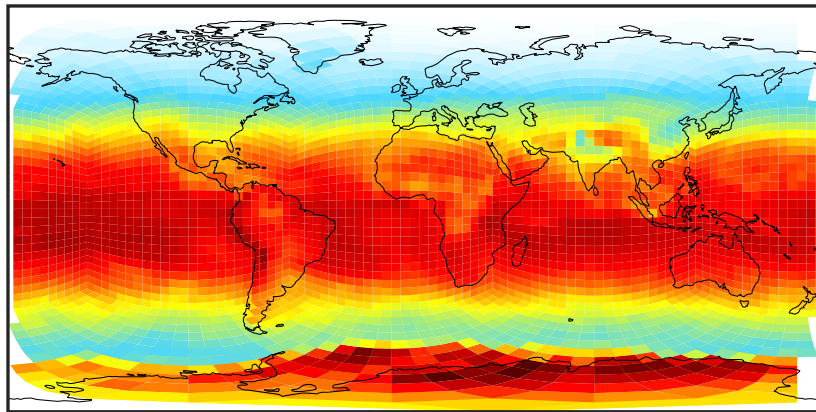
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

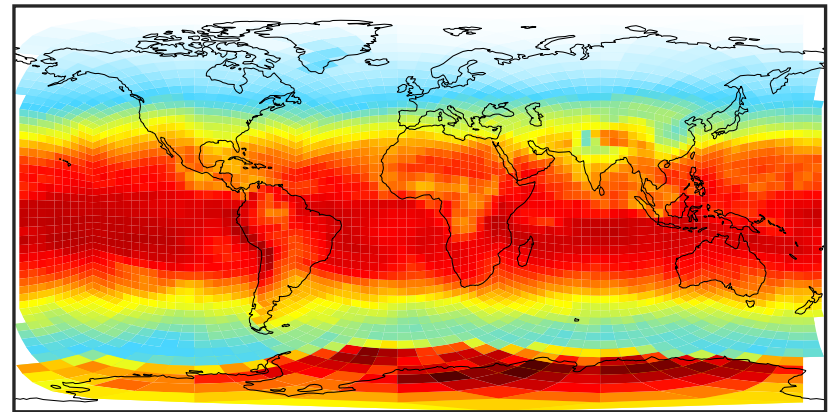
Jval_CH2IBr (Oct2019)

14.2.0-rc.2 (Ref)
c24



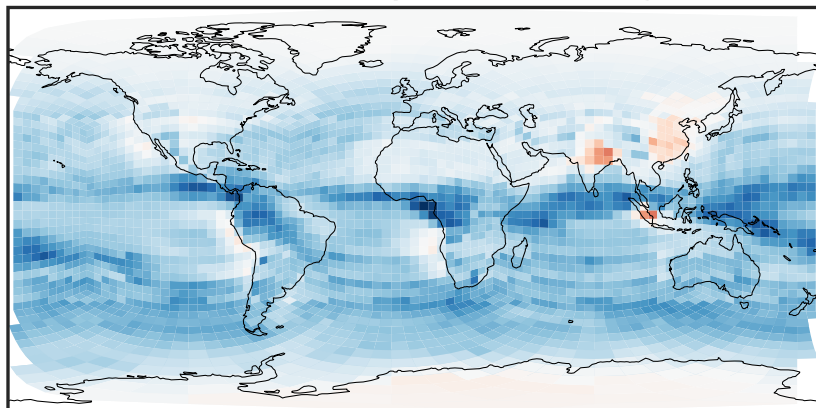
0.00006 0.00012 0.00018
s-1

14.3.0-rc.0 (Dev)
c24



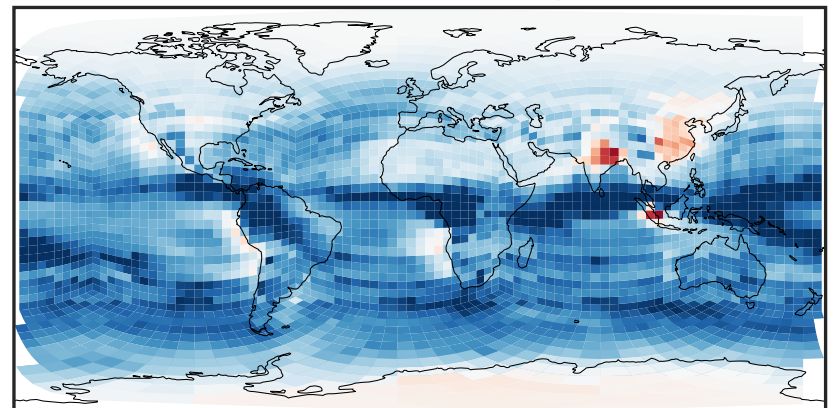
0.00006 0.00012 0.00018
s-1

Difference
Dev - Ref, Dynamic Range



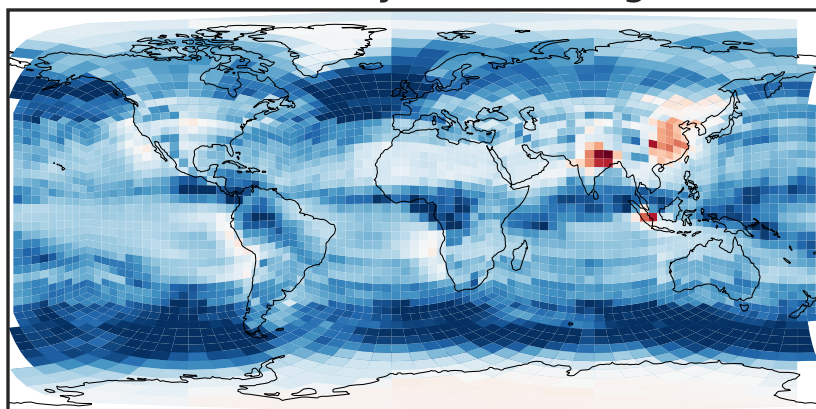
-6 0 6
s-1 1e-6

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



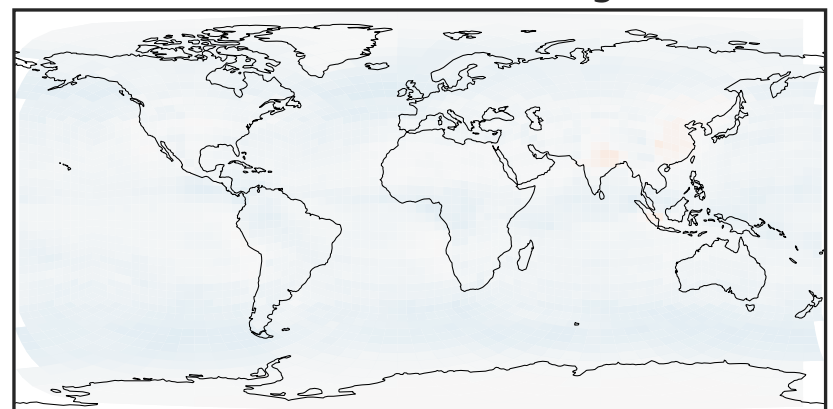
-4 0 4
s-1 1e-6

Ratio
Dev/Ref, Dynamic Range



0.9427 0.9714 1.0000 1.0304 1.0607
unitless

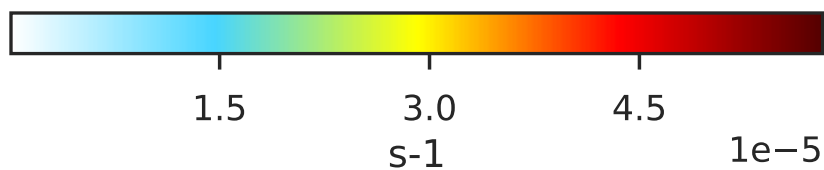
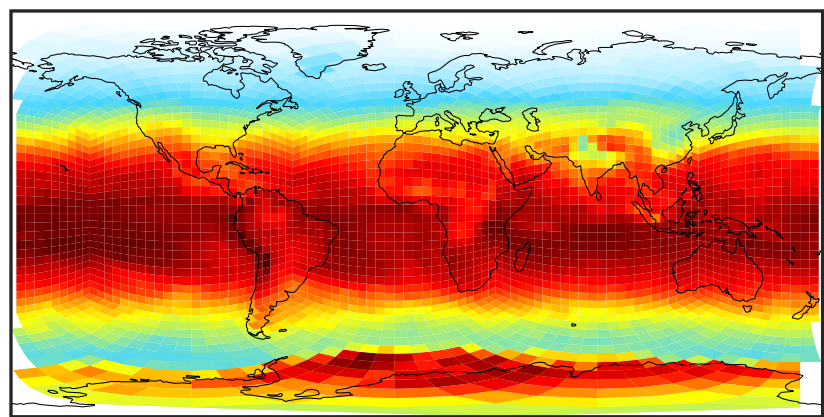
Ratio
Dev/Ref, Fixed Range



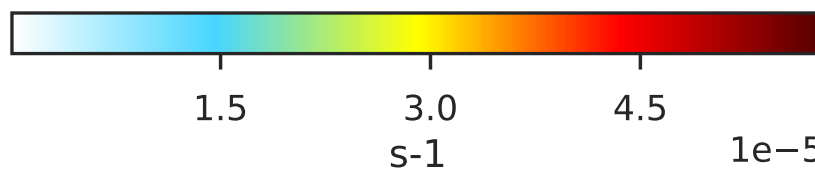
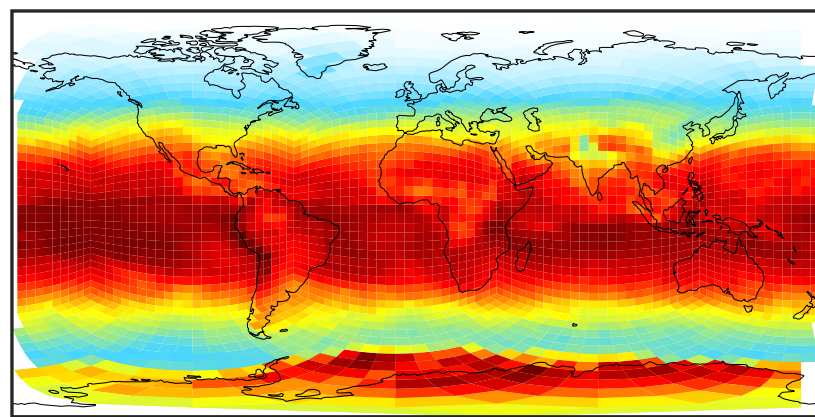
0.50 0.75 1.00 1.50 2.00
unitless

Jval_CH2ICI (Oct2019)

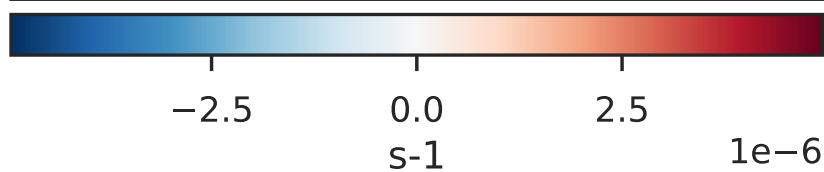
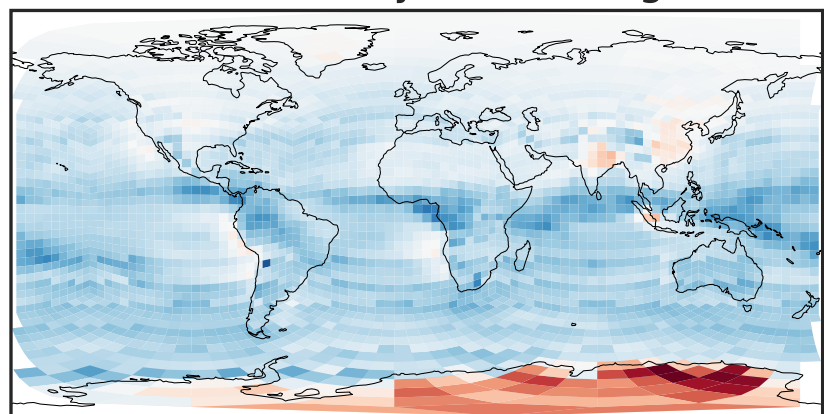
14.2.0-rc.2 (Ref)
c24



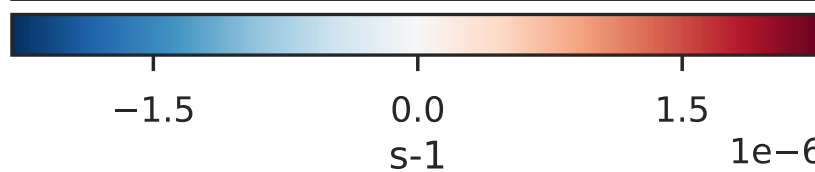
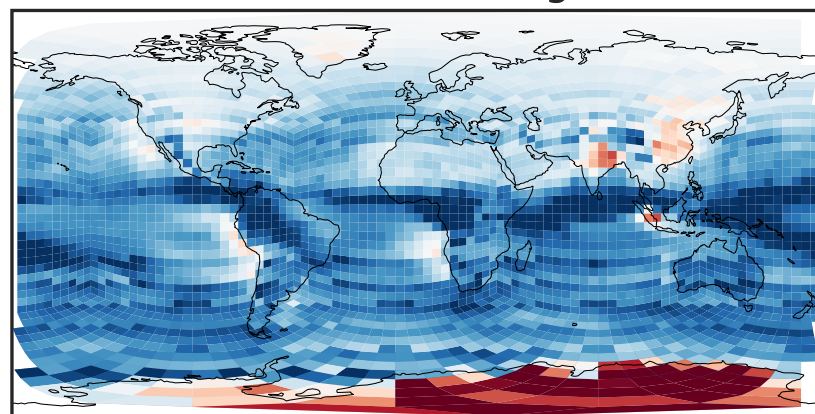
14.3.0-rc.0 (Dev)
c24



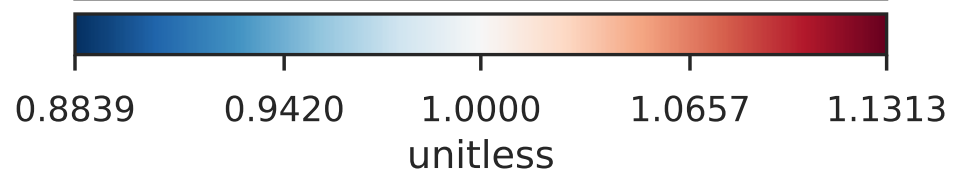
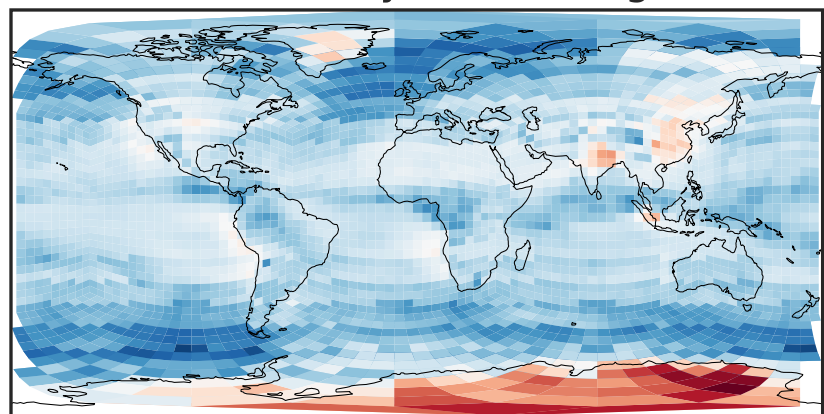
Difference
Dev - Ref, Dynamic Range



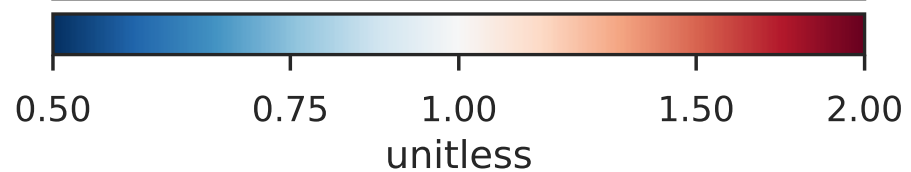
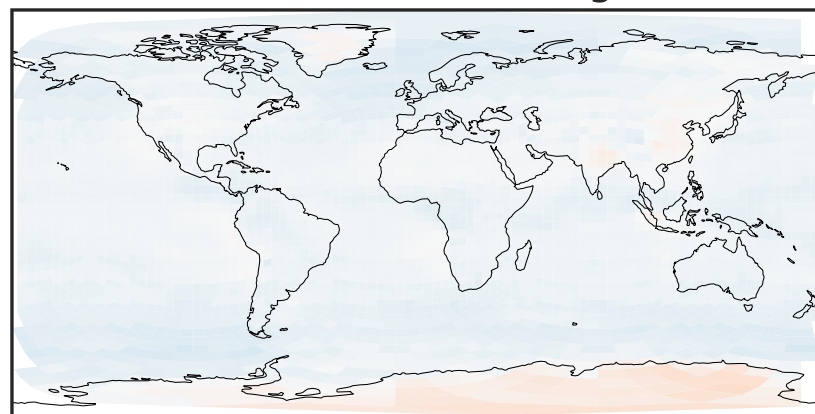
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

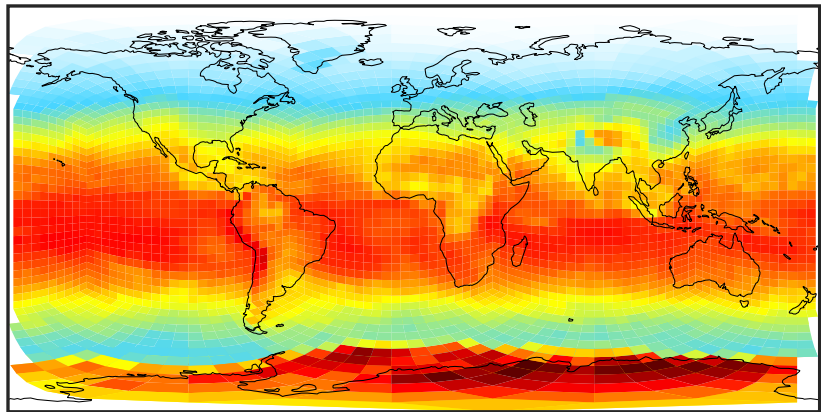


Ratio
Dev/Ref, Fixed Range



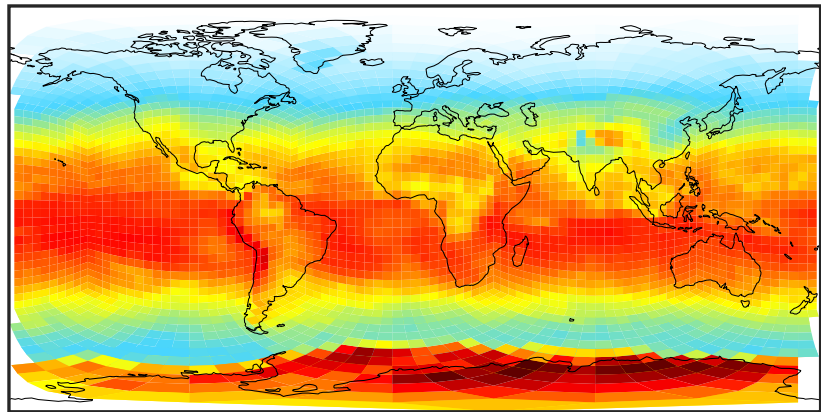
Jval_CH20 (Oct2019)

14.2.0-rc.2 (Ref)
c24



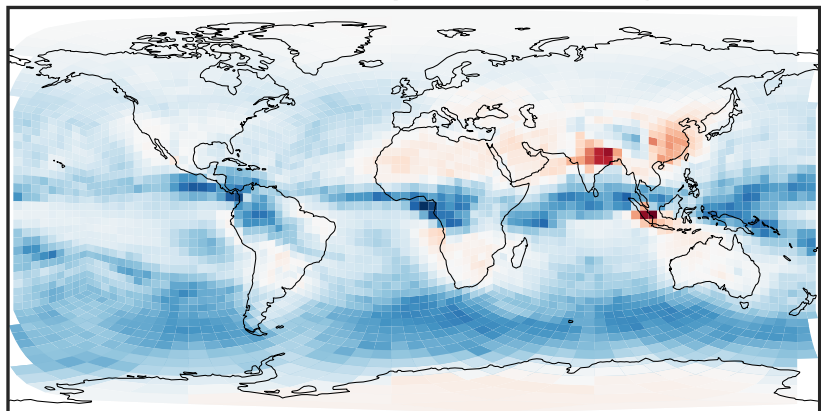
1.5 3.0
s-1 1e-5

14.3.0-rc.0 (Dev)
c24



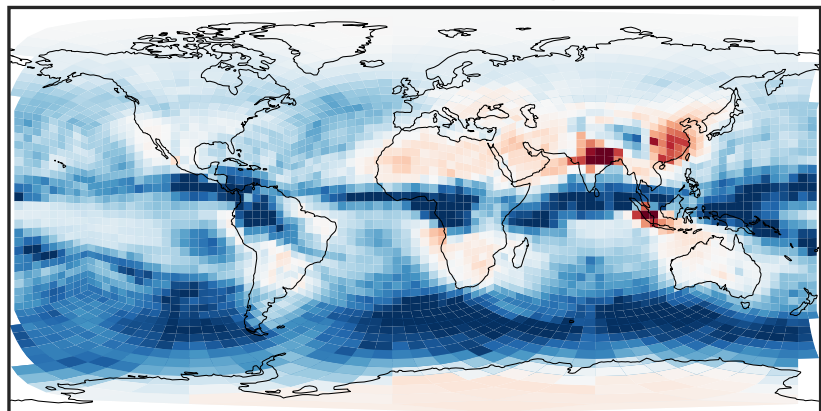
1.5 3.0
s-1 1e-5

Difference
Dev - Ref, Dynamic Range



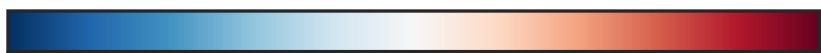
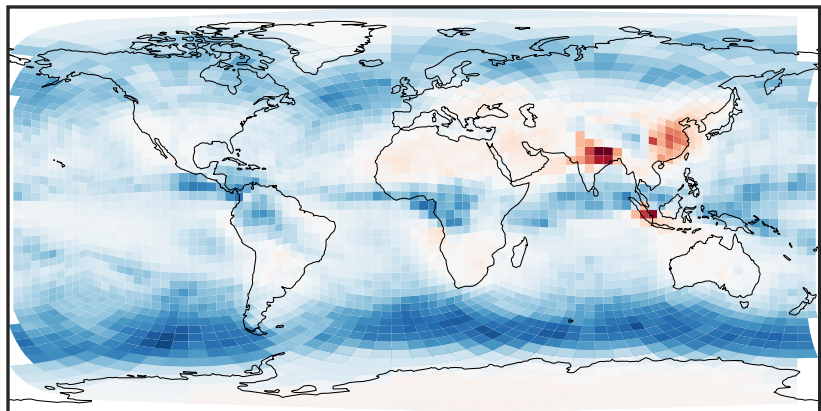
-8 0 8
s-1 1e-7

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



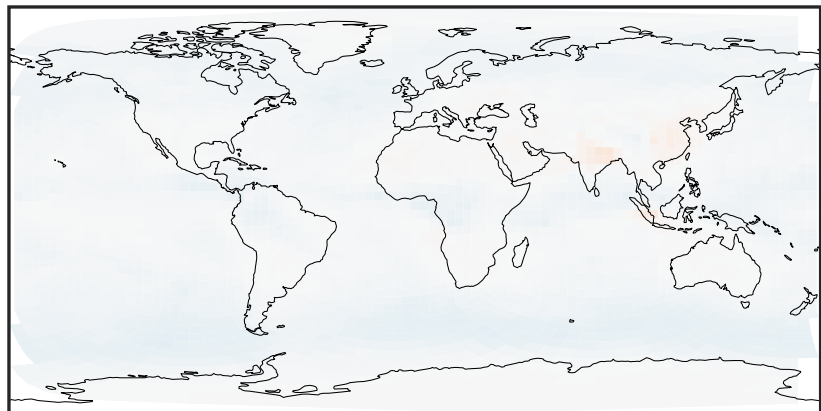
-5 0 5
s-1 1e-7

Ratio
Dev/Ref, Dynamic Range



0.9249 0.9624 1.0000 1.0406 1.0812
unitless

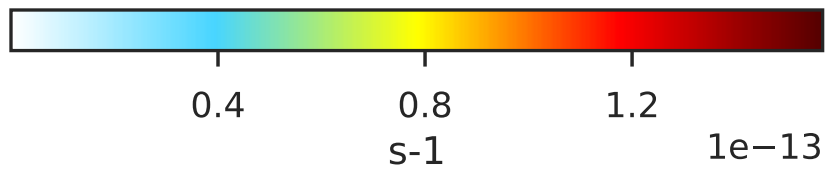
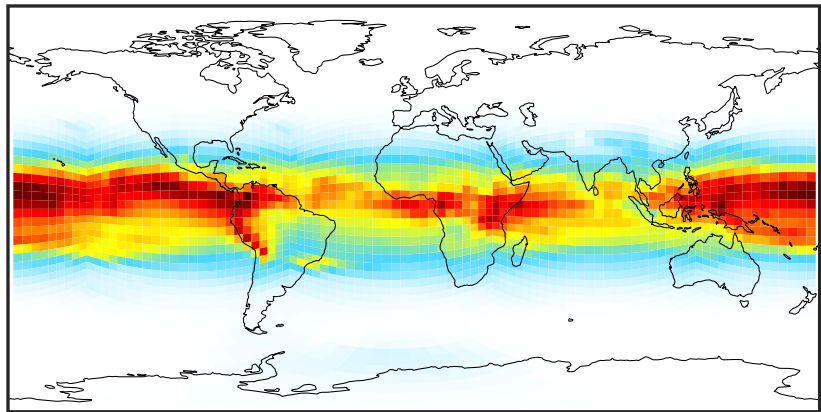
Ratio
Dev/Ref, Fixed Range



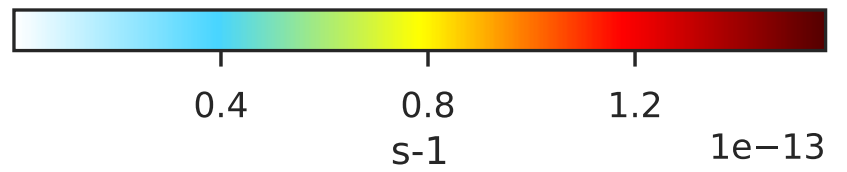
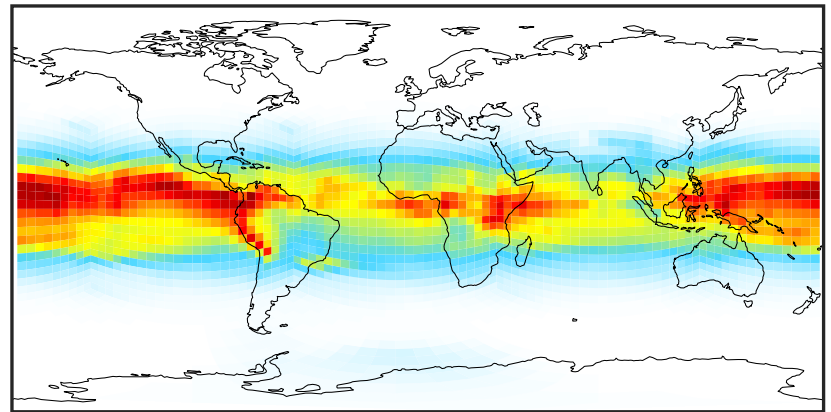
0.50 0.75 1.00 1.50 2.00
unitless

Jval_CH3Br (Oct2019)

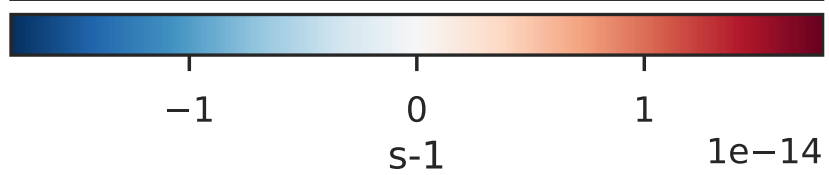
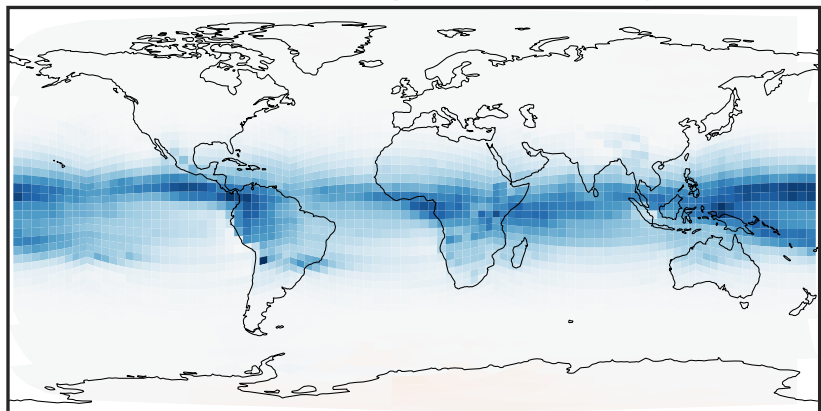
14.2.0-rc.2 (Ref)
c24



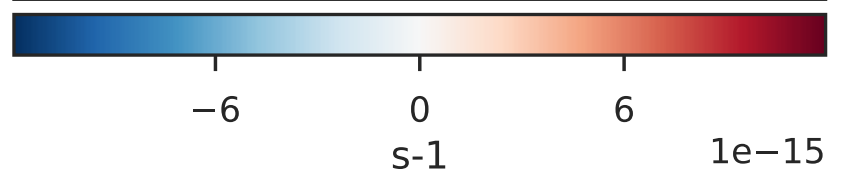
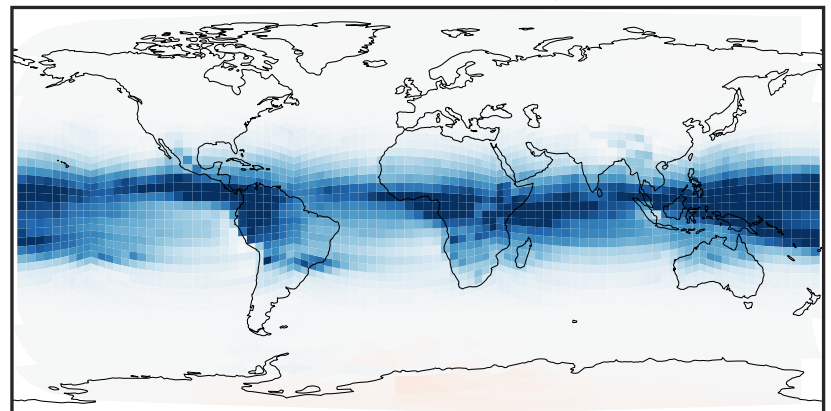
14.3.0-rc.0 (Dev)
c24



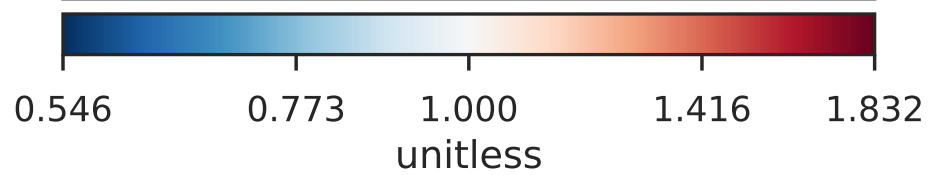
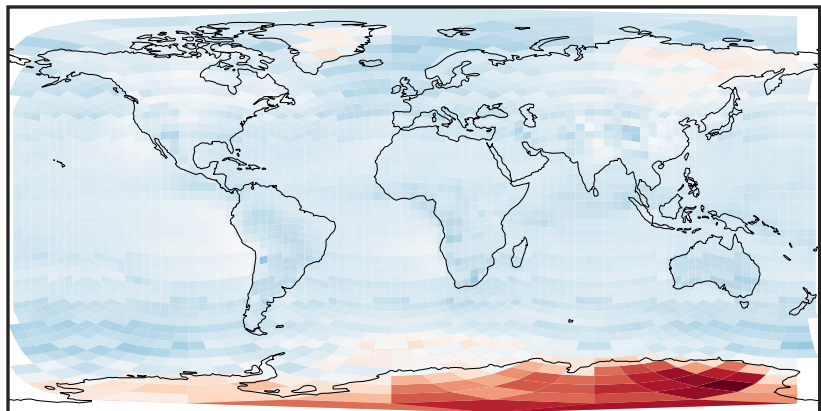
Difference
Dev - Ref, Dynamic Range



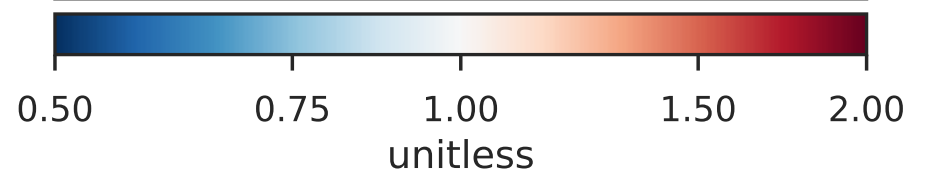
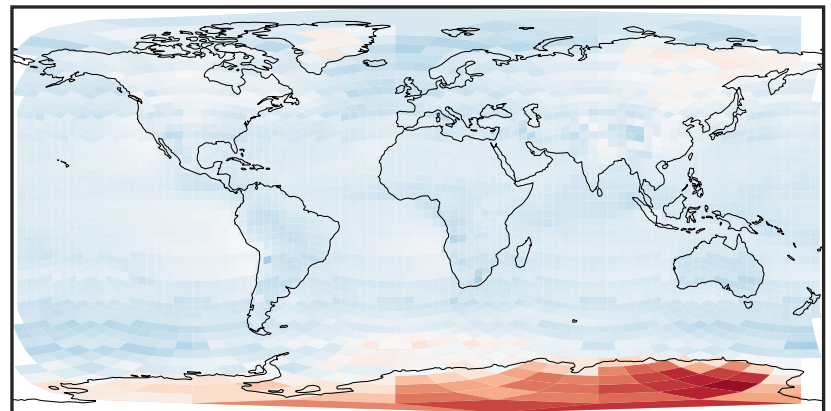
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

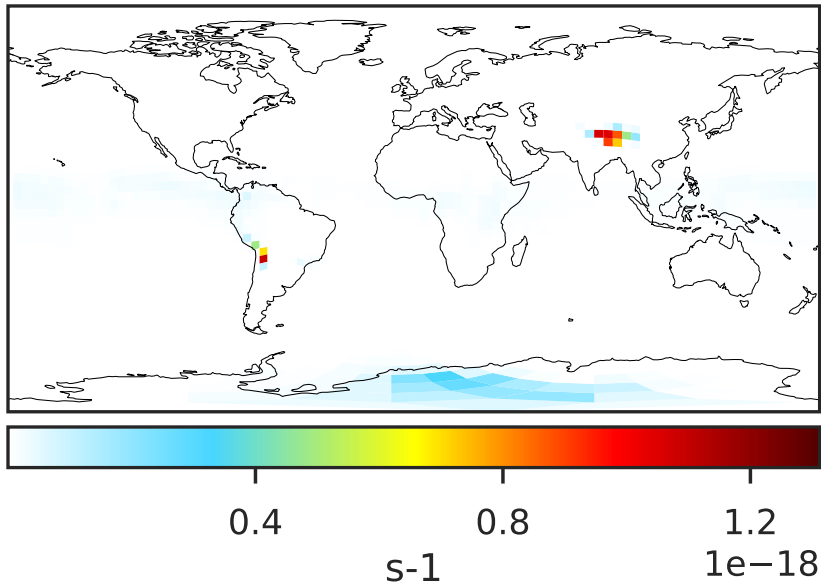


Ratio
Dev/Ref, Fixed Range

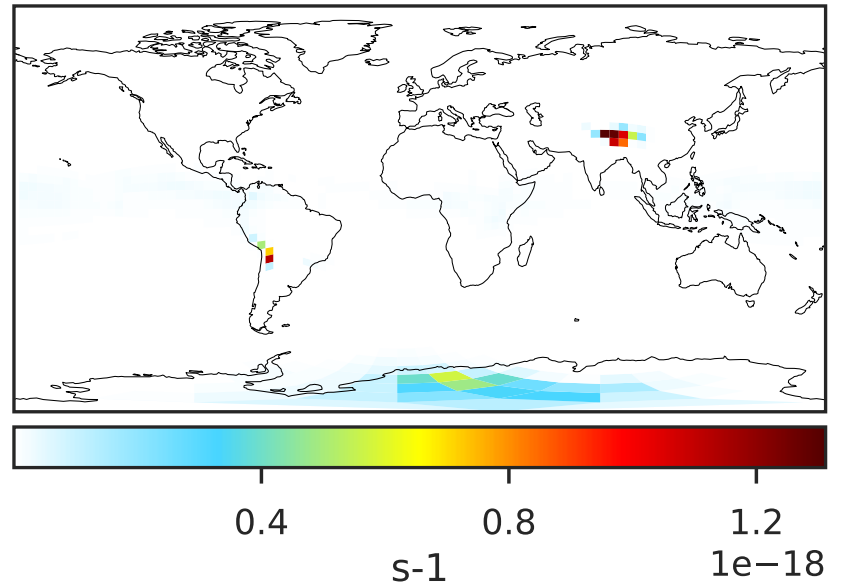


Jval_CH3CCI3 (Oct2019)

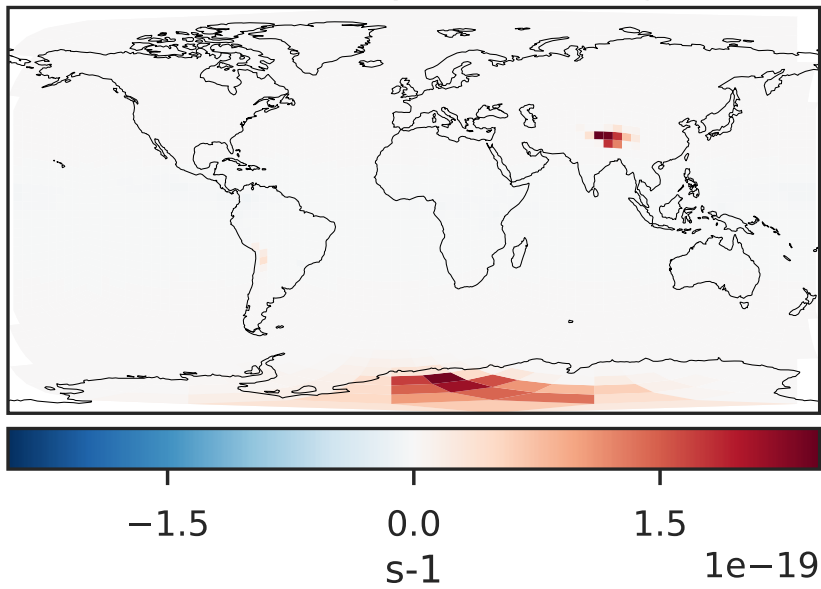
14.2.0-rc.2 (Ref)
c24



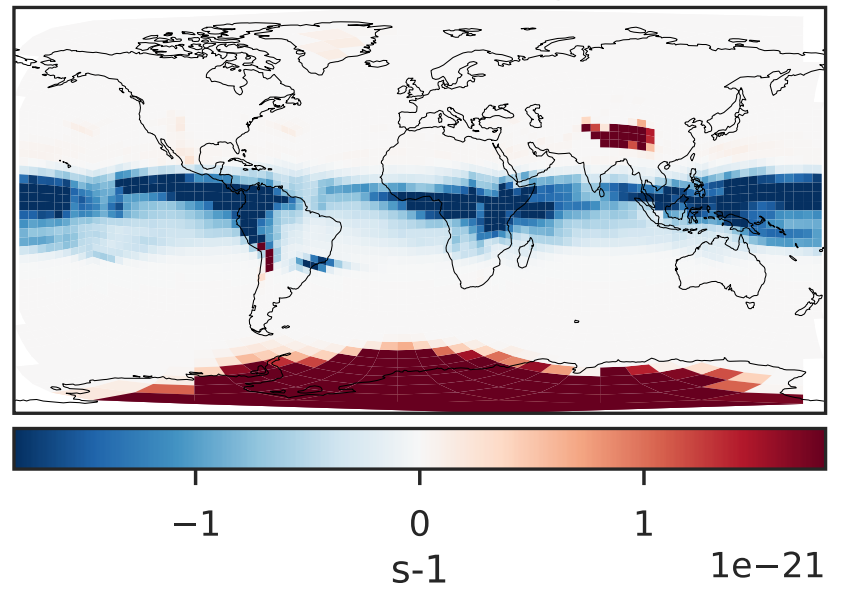
14.3.0-rc.0 (Dev)
c24



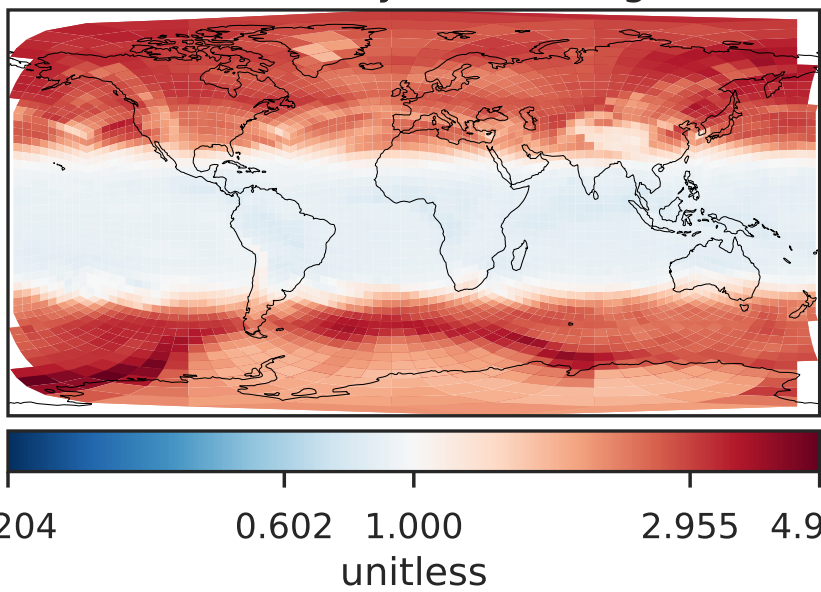
Difference
Dev - Ref, Dynamic Range



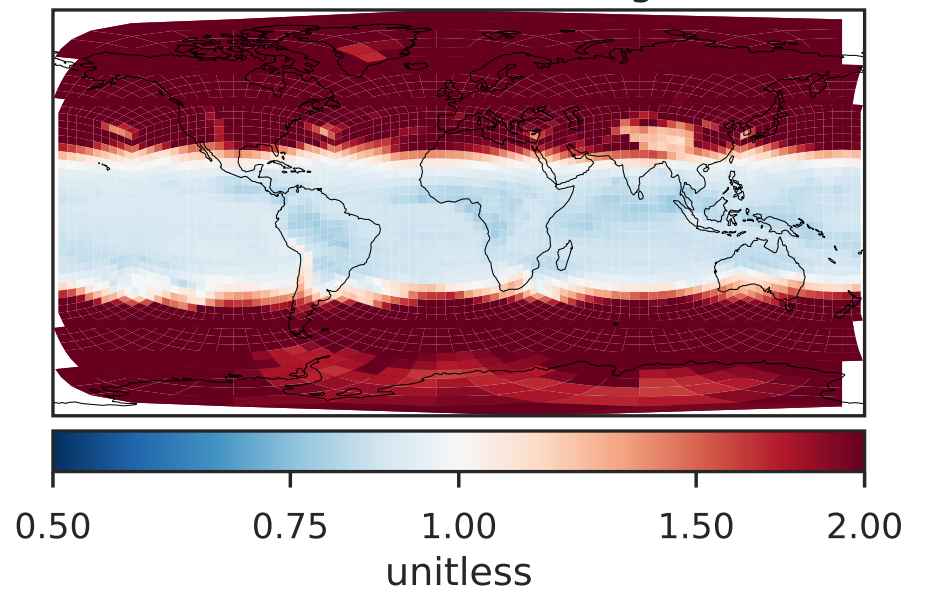
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

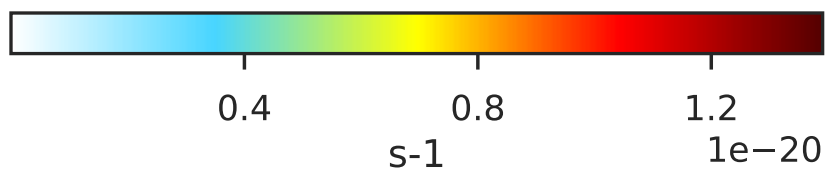
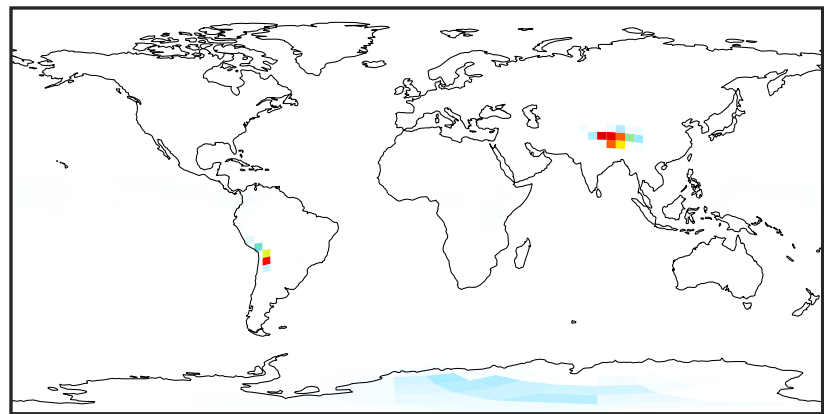


Ratio
Dev/Ref, Fixed Range

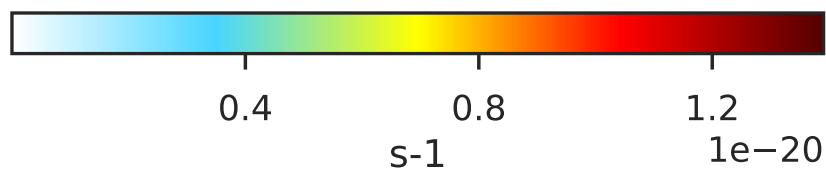
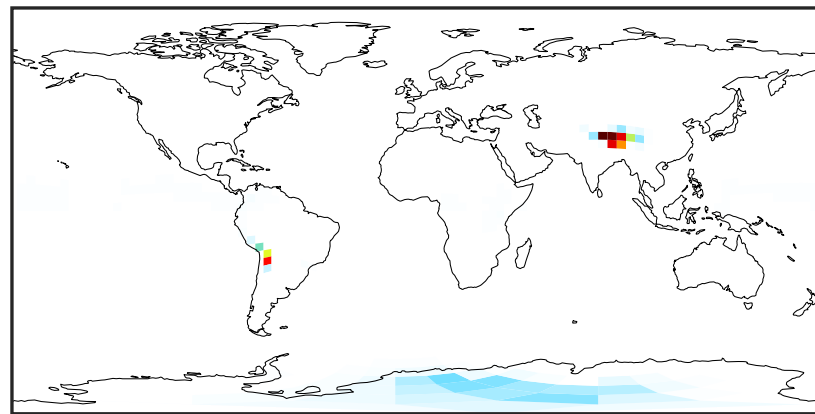


Jval_CH3Cl (Oct2019)

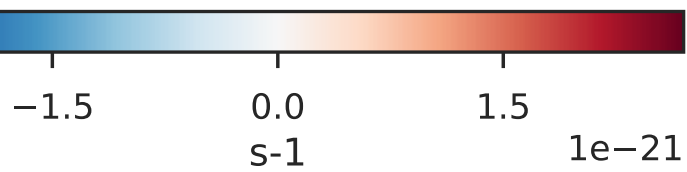
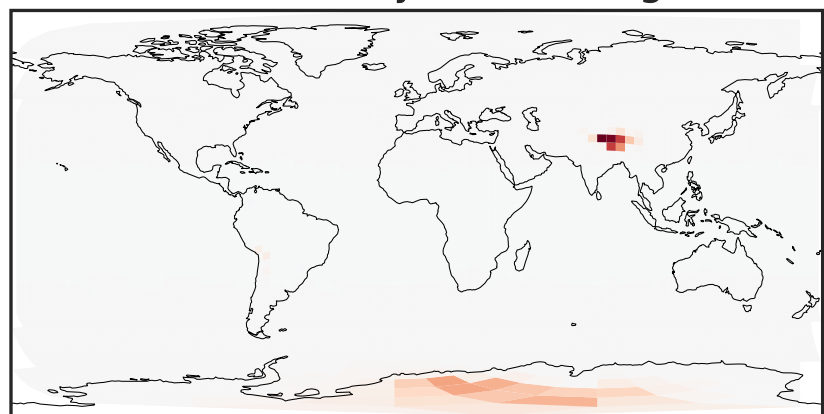
14.2.0-rc.2 (Ref)
c24



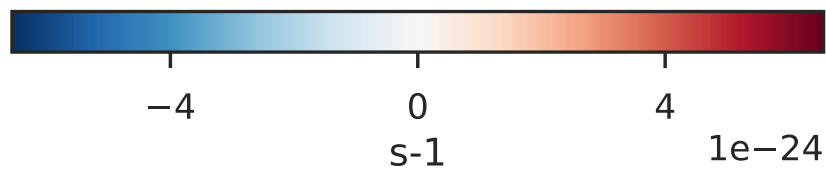
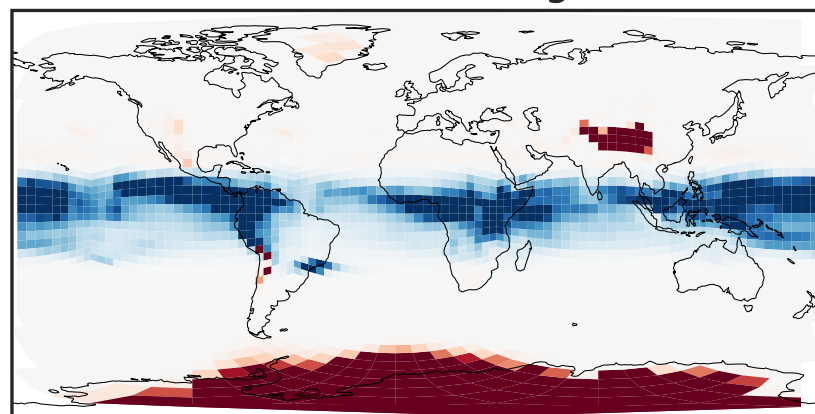
14.3.0-rc.0 (Dev)
c24



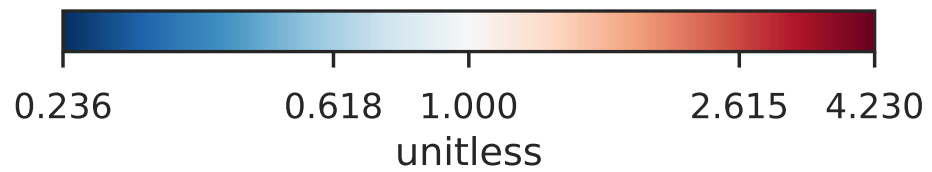
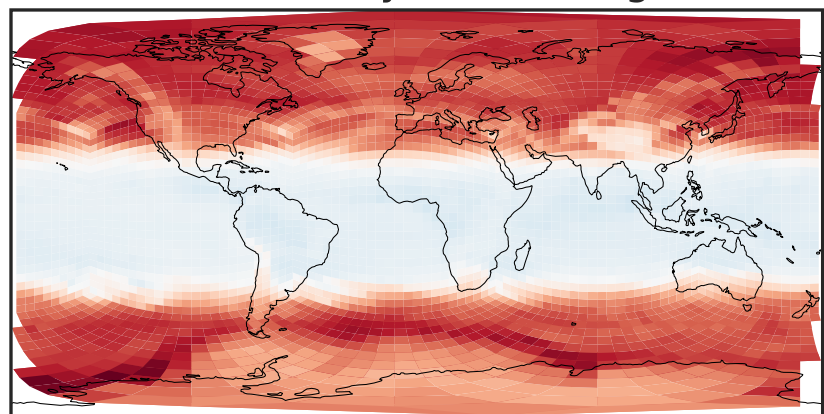
Difference
Dev - Ref, Dynamic Range



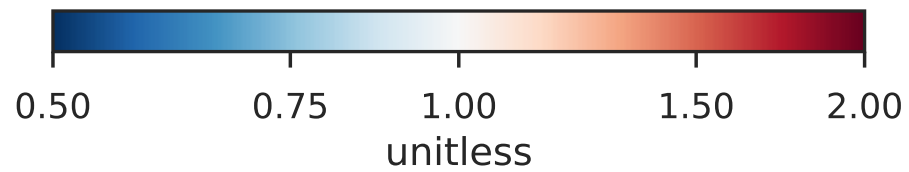
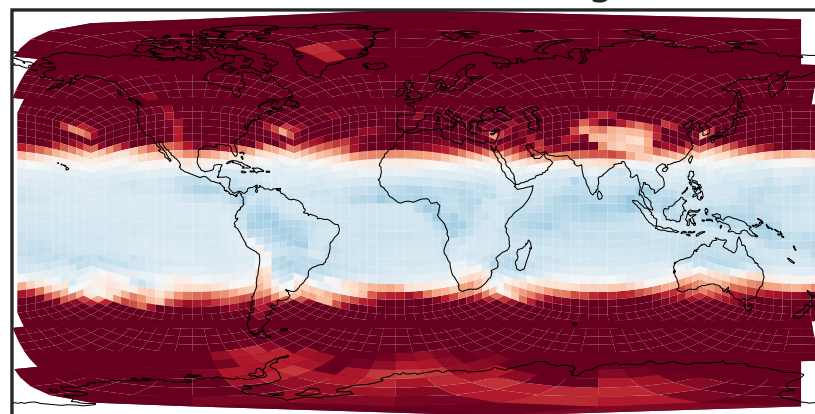
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

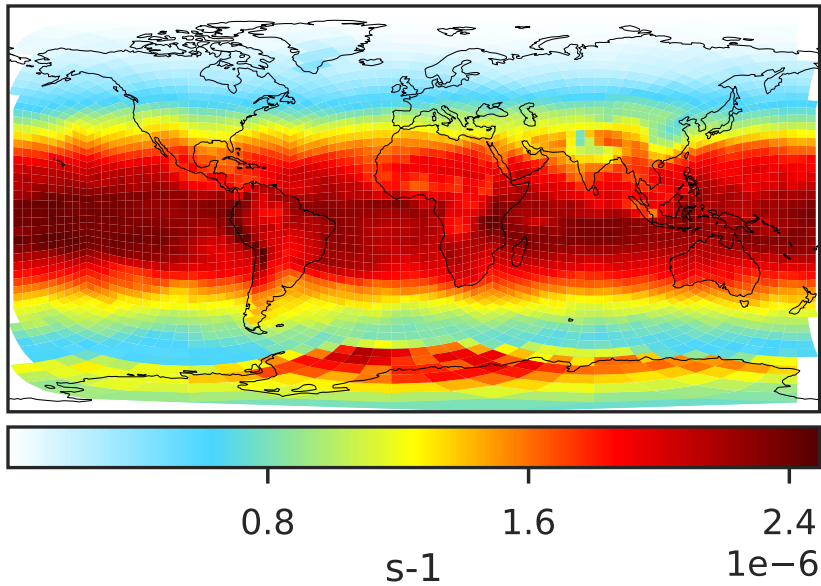


Ratio
Dev/Ref, Fixed Range

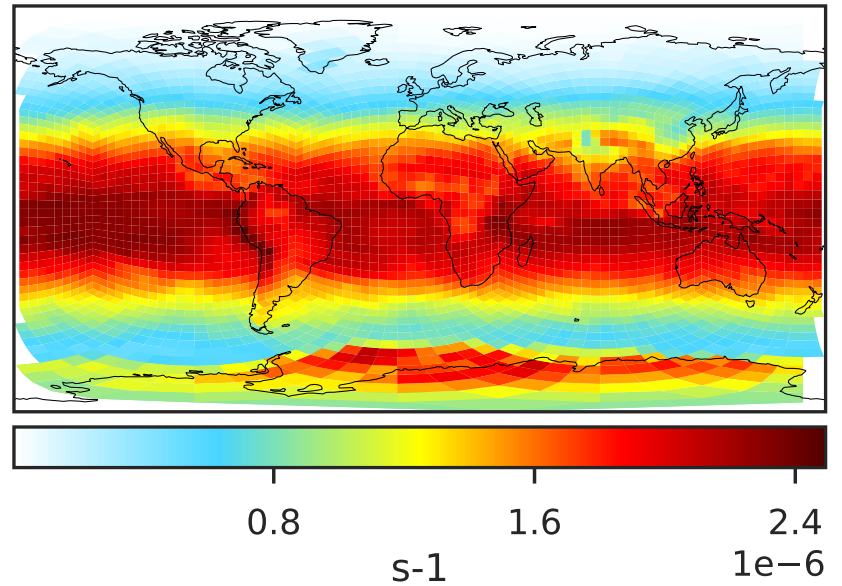


Jval_CH3I (Oct2019)

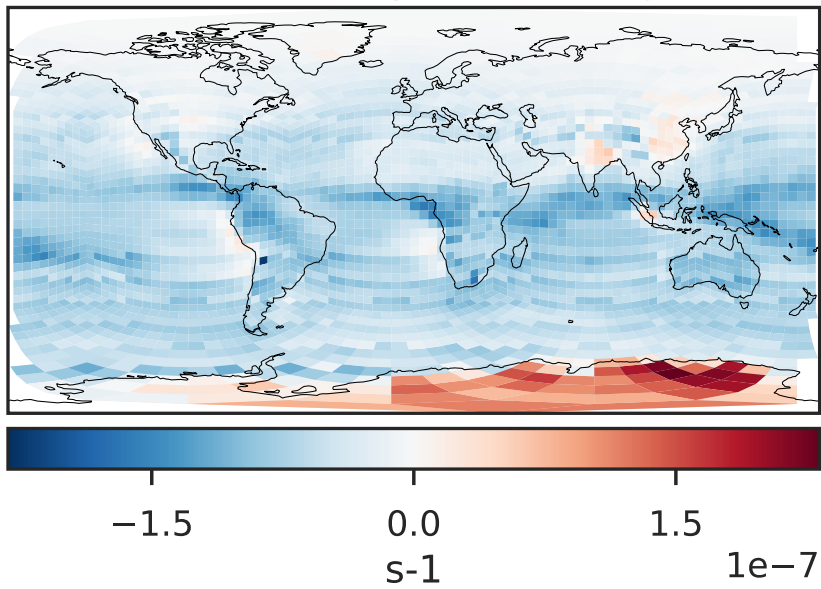
14.2.0-rc.2 (Ref)
c24



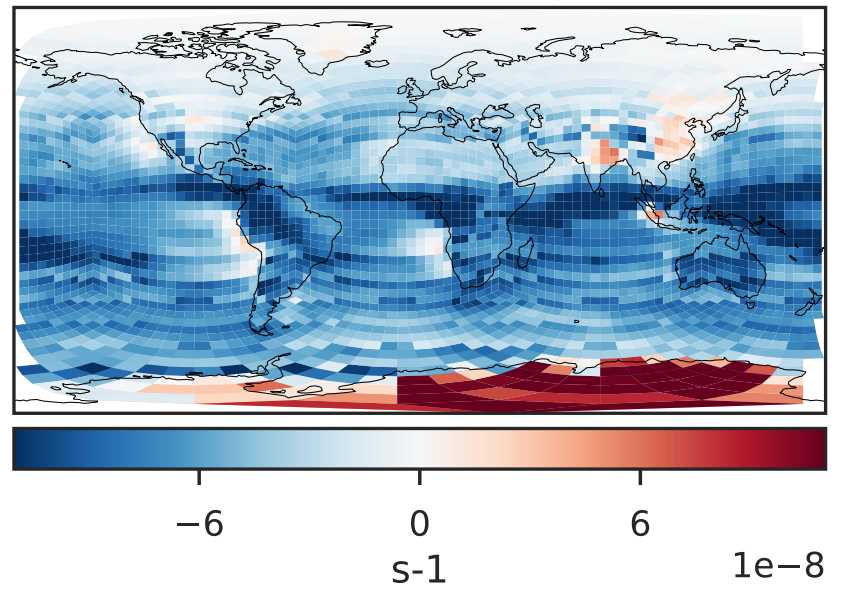
14.3.0-rc.0 (Dev)
c24



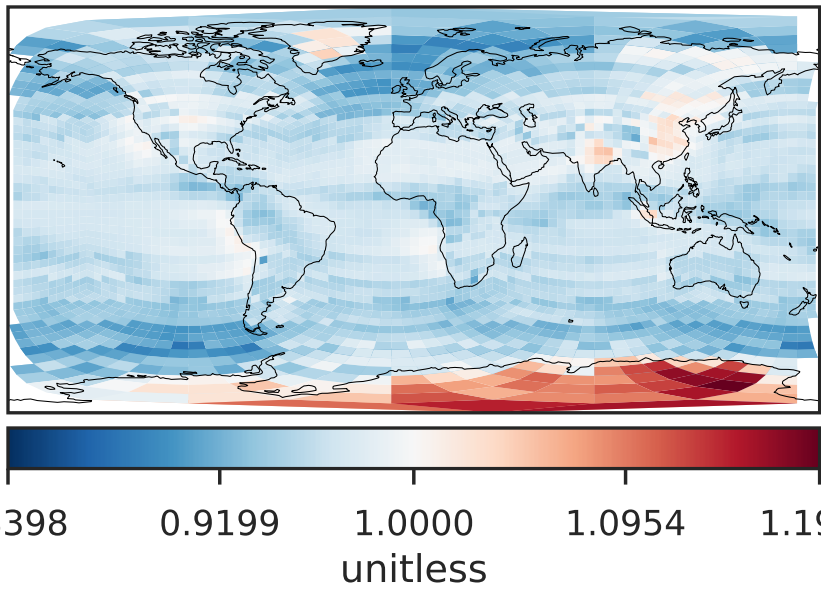
Difference
Dev - Ref, Dynamic Range



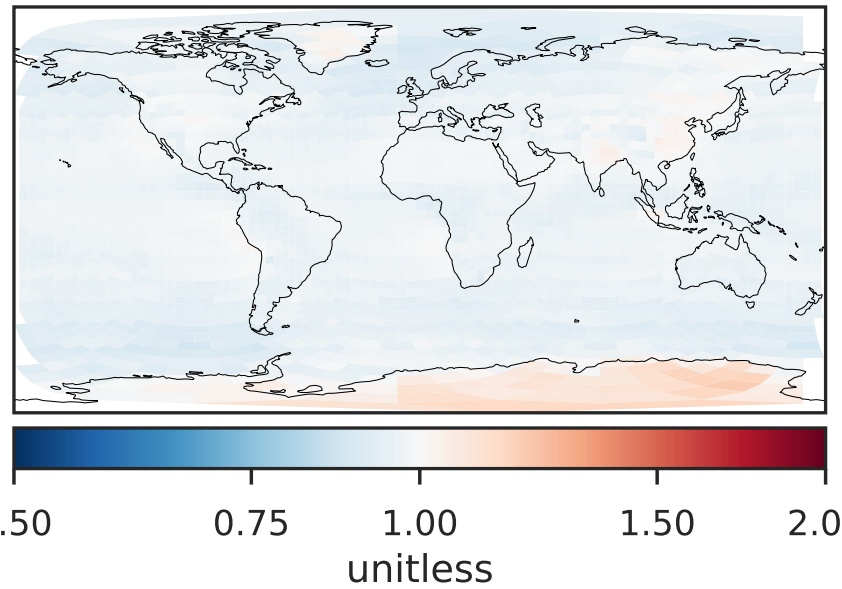
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

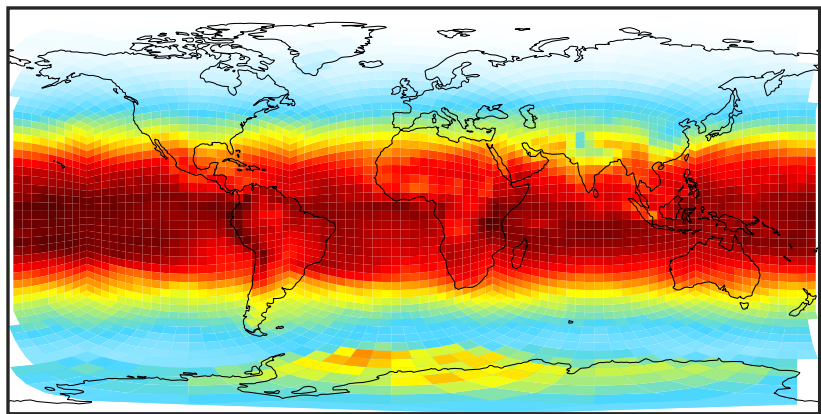


Ratio
Dev/Ref, Fixed Range



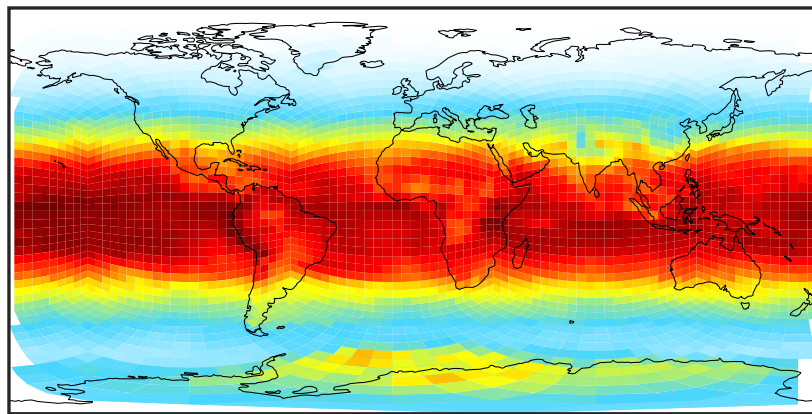
Jval_CHBr3 (Oct2019)

14.2.0-rc.2 (Ref)
c24



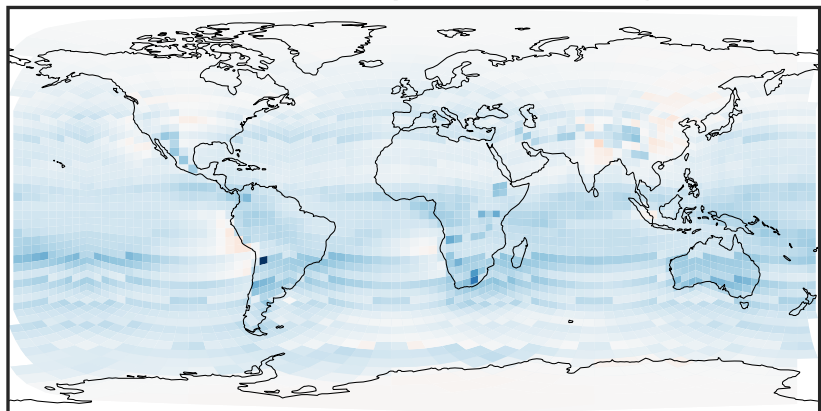
1.5 3.0 4.5
s-1 $1e-7$

14.3.0-rc.0 (Dev)
c24



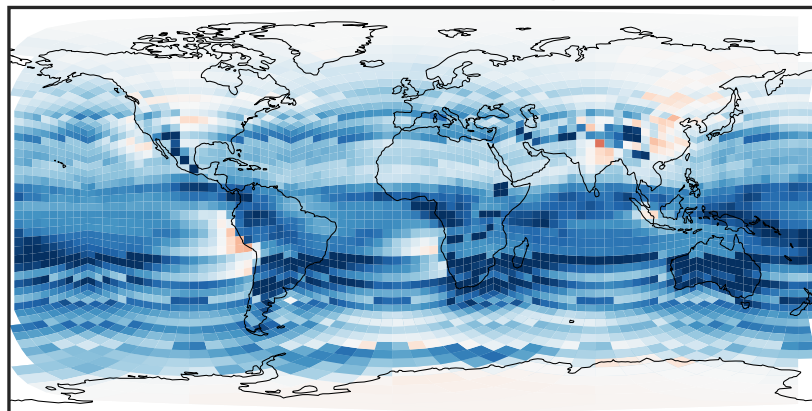
1.5 3.0 4.5
s-1 $1e-7$

Difference
Dev - Ref, Dynamic Range



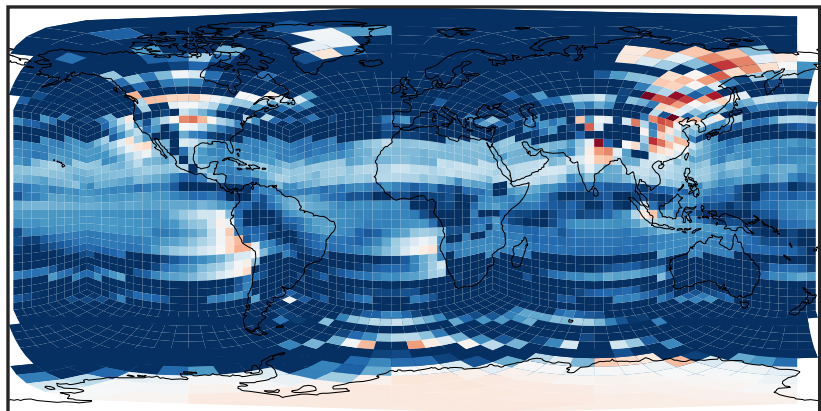
-5 0 5
s-1 $1e-8$

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



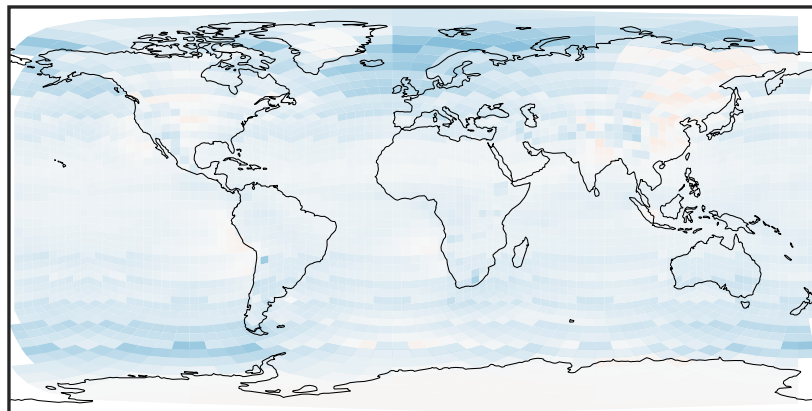
-2 0 2
s-1 $1e-8$

Ratio
Dev/Ref, Dynamic Range



0.9298 0.9649 1.0000 1.0377 1.0755
unitless

Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

Jval_CHCl3 (Oct2019)

14.2.0-rc.2 (Ref)
c24



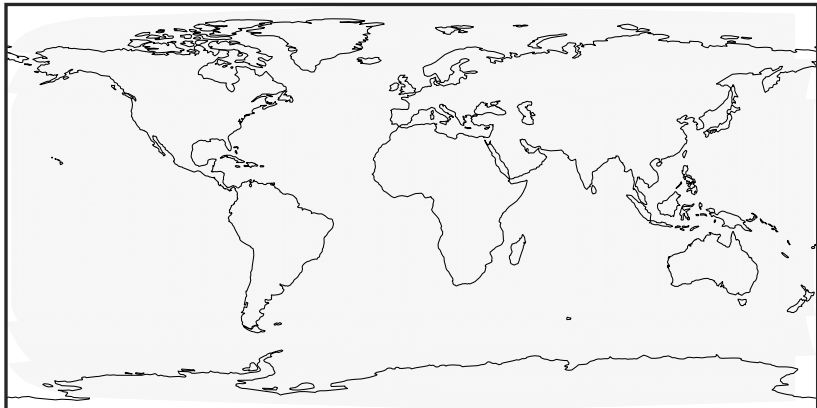
Zero throughput domain
s-1

14.3.0-rc.0 (Dev)
c24



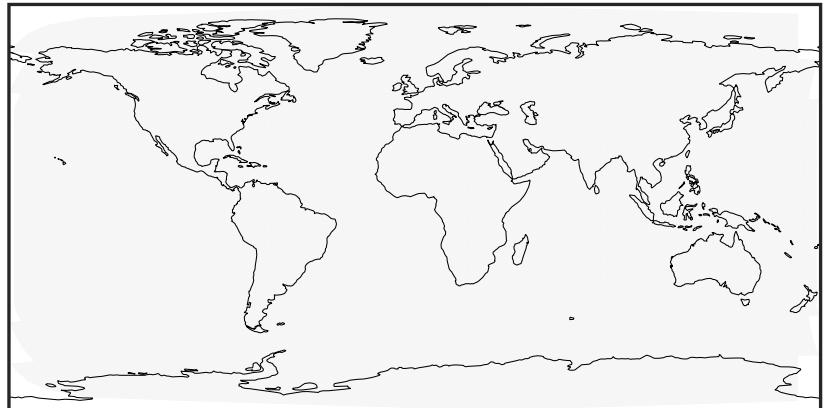
Zero throughput domain
s-1

Difference
Dev - Ref, Dynamic Range



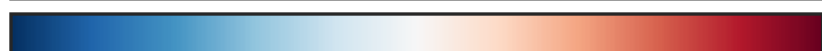
Zero throughput domain
s-1

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



Zero throughput domain
s-1

Ratio
Dev/Ref, Dynamic Range



Undefined throughput domain
unitless

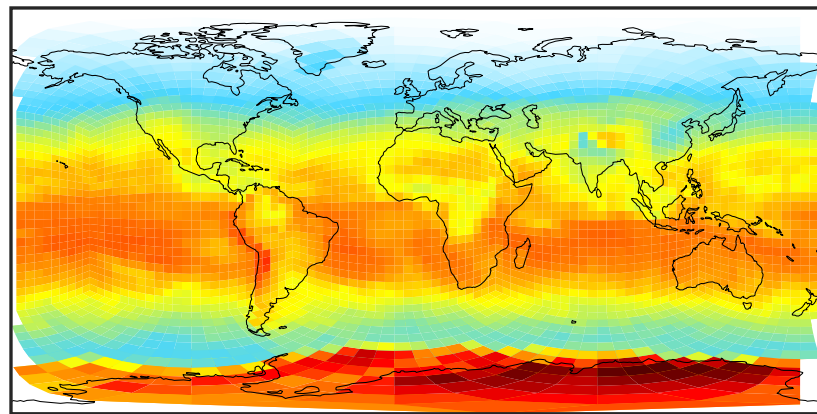
Ratio
Dev/Ref, Fixed Range



Undefined throughput domain
unitless

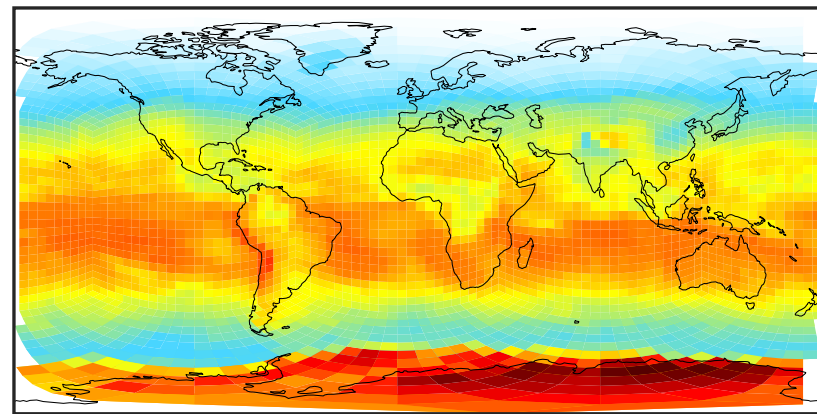
Jval_CI2 (Oct2019)

14.2.0-rc.2 (Ref)
c24



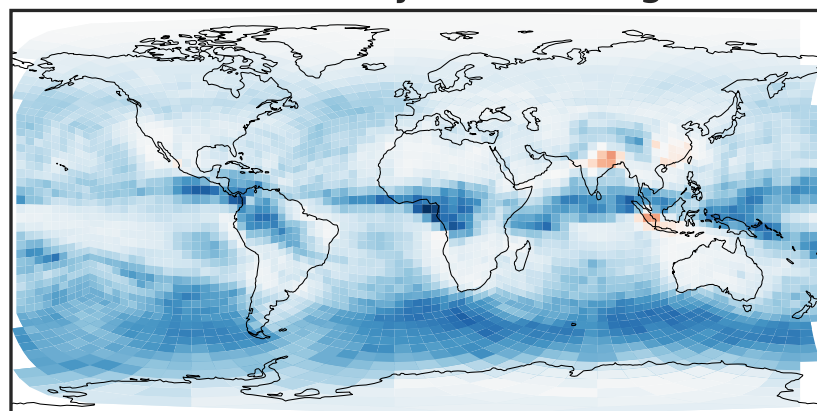
0.0004 0.0008 0.0012
s-1

14.3.0-rc.0 (Dev)
c24



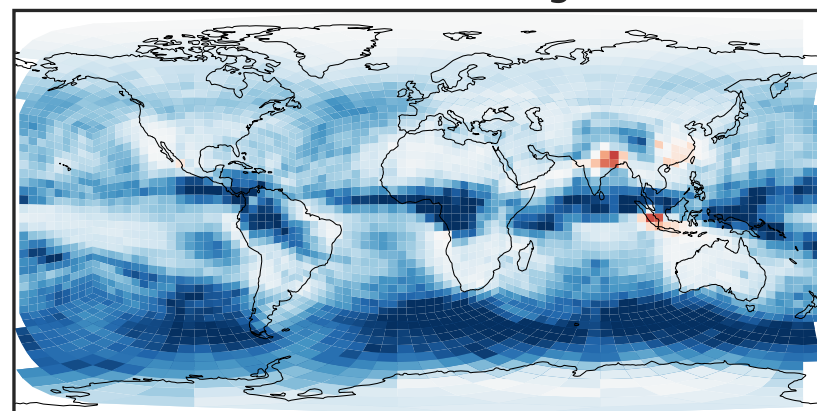
0.0004 0.0008 0.0012
s-1

Difference
Dev - Ref, Dynamic Range



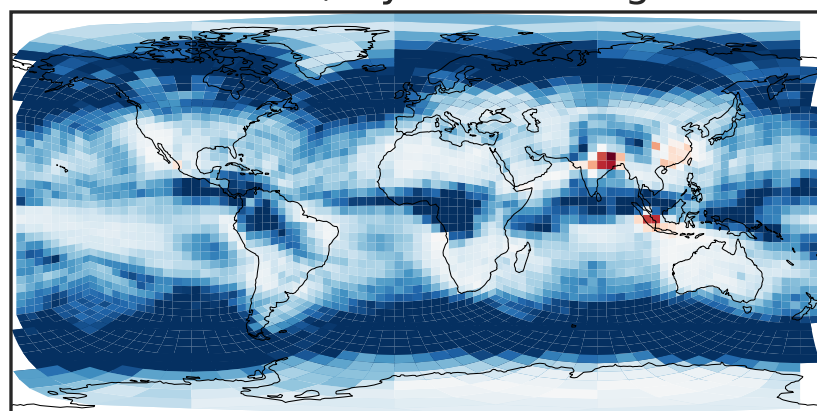
-2.5 0.0 2.5
s-1 1e-5

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



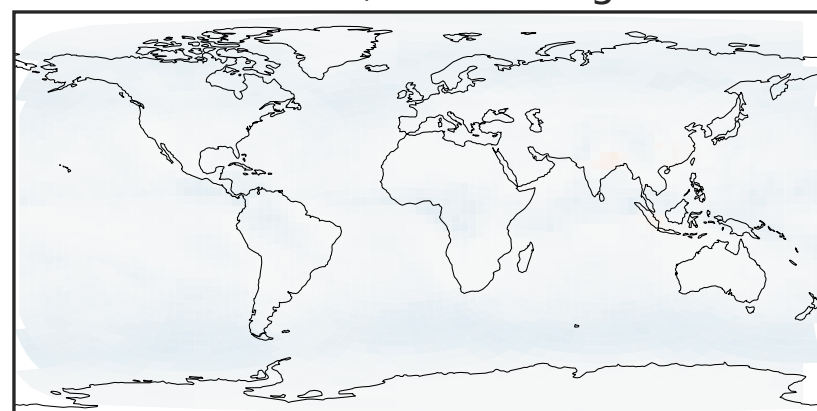
-1.5 0.0 1.5
s-1 1e-5

Ratio
Dev/Ref, Dynamic Range



0.96273 0.98136 1.00000 1.01936 1.03871
unitless

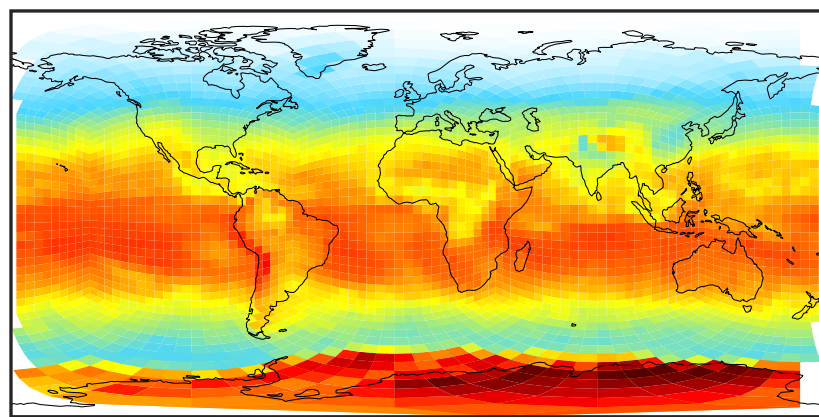
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

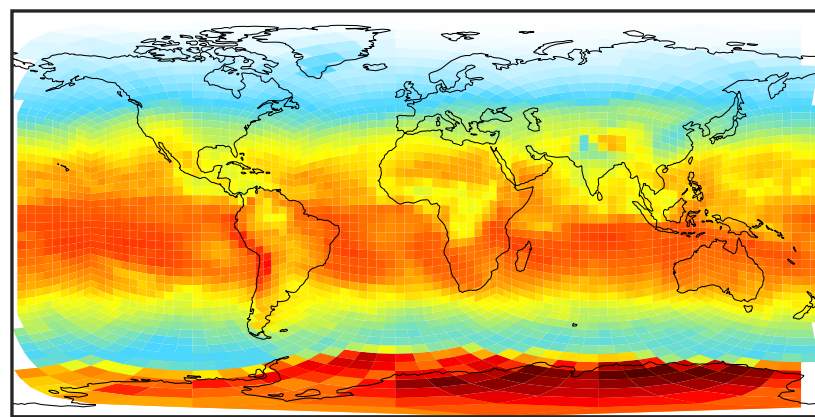
Jval_Cl202 (Oct2019)

14.2.0-rc.2 (Ref)
c24



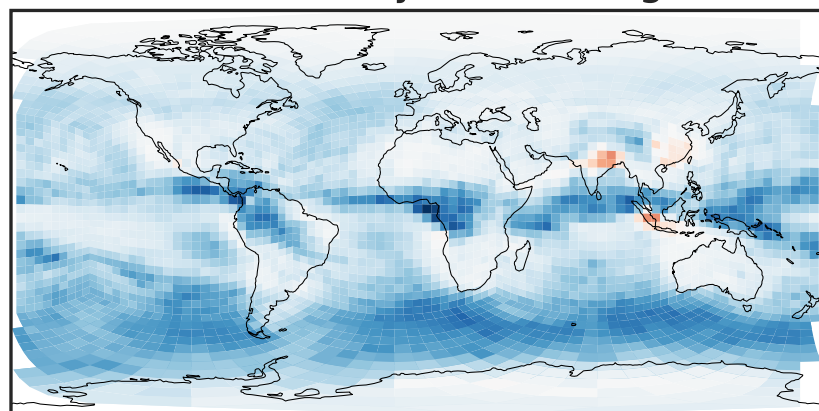
0.0003 0.0006 0.0009
s-1

14.3.0-rc.0 (Dev)
c24



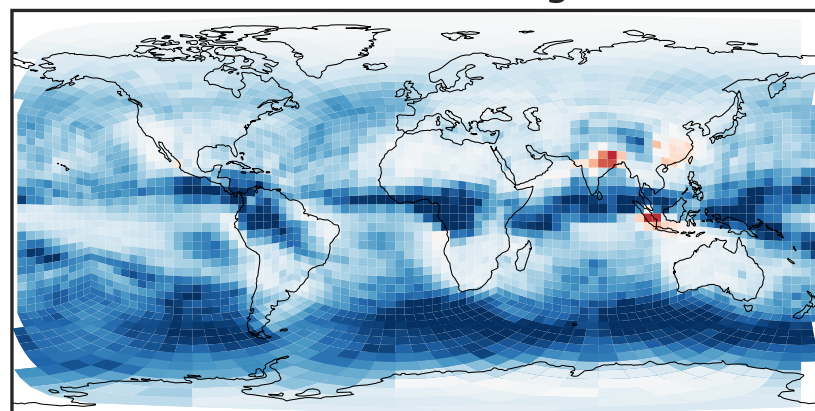
0.0003 0.0006 0.0009
s-1

Difference
Dev - Ref, Dynamic Range



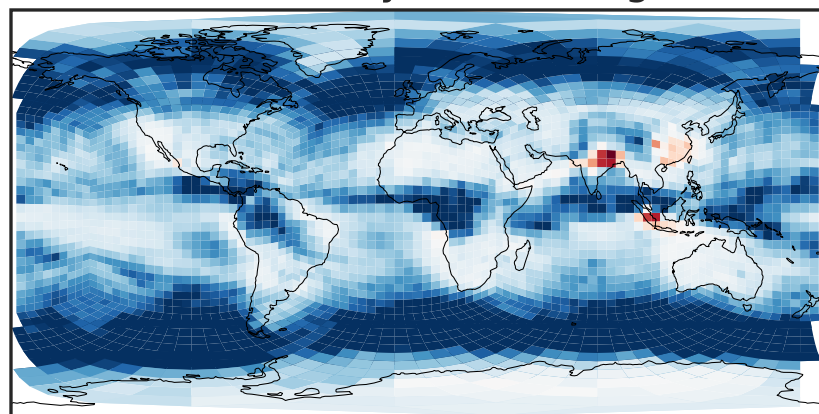
-2 0 2
s-1 $1e-5$

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



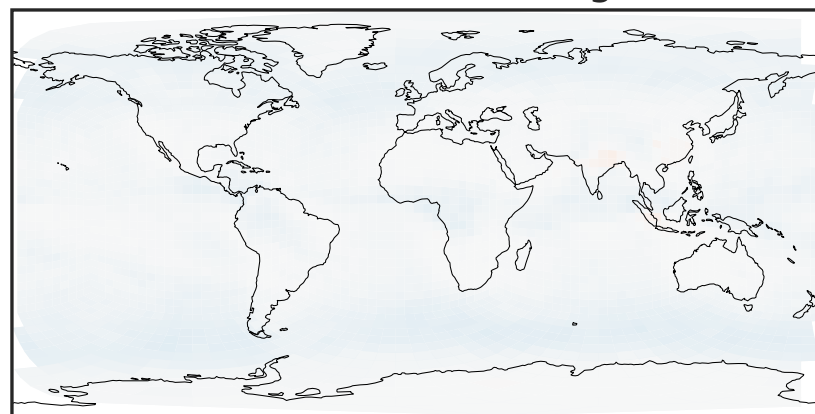
-1.5 0.0 1.5
s-1 $1e-5$

Ratio
Dev/Ref, Dynamic Range



0.95907 0.97953 1.00000 1.02134 1.04268
unitless

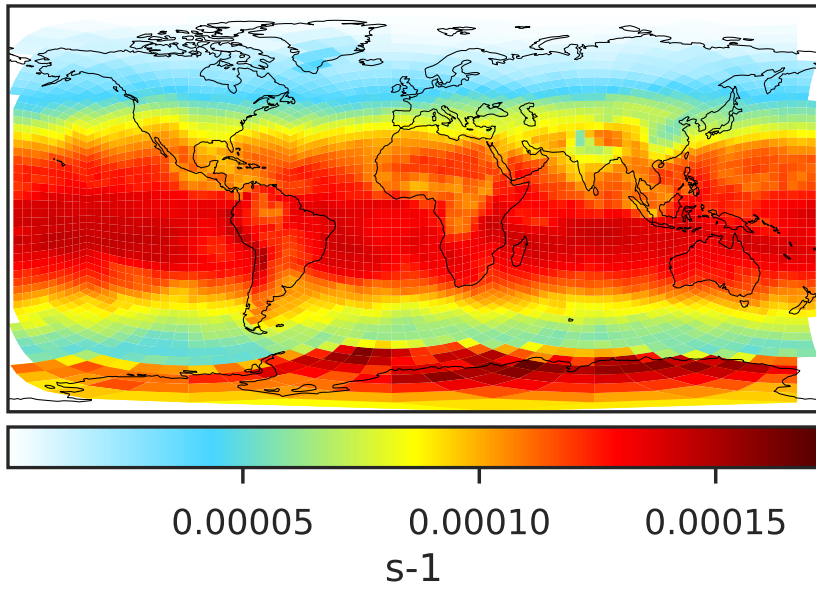
Ratio
Dev/Ref, Fixed Range



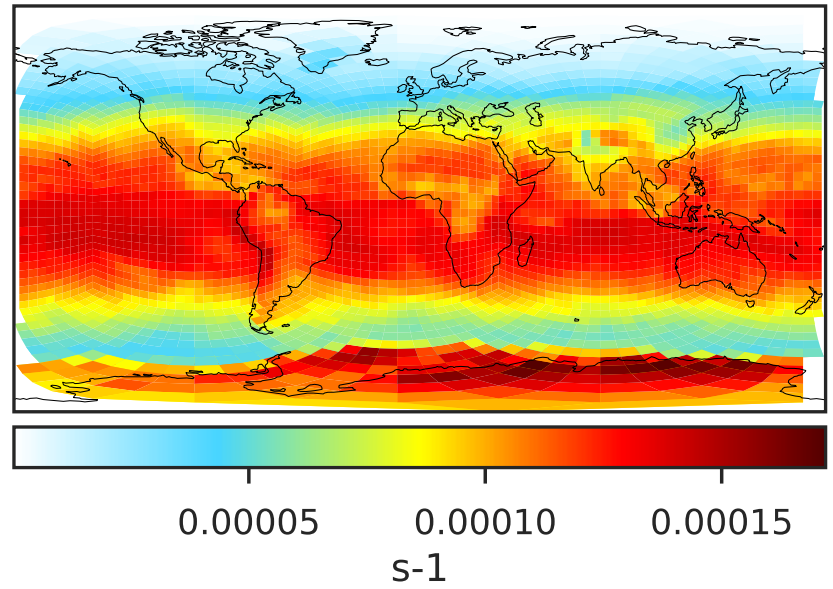
0.50 0.75 1.00 1.50 2.00
unitless

Jval_CINO2 (Oct2019)

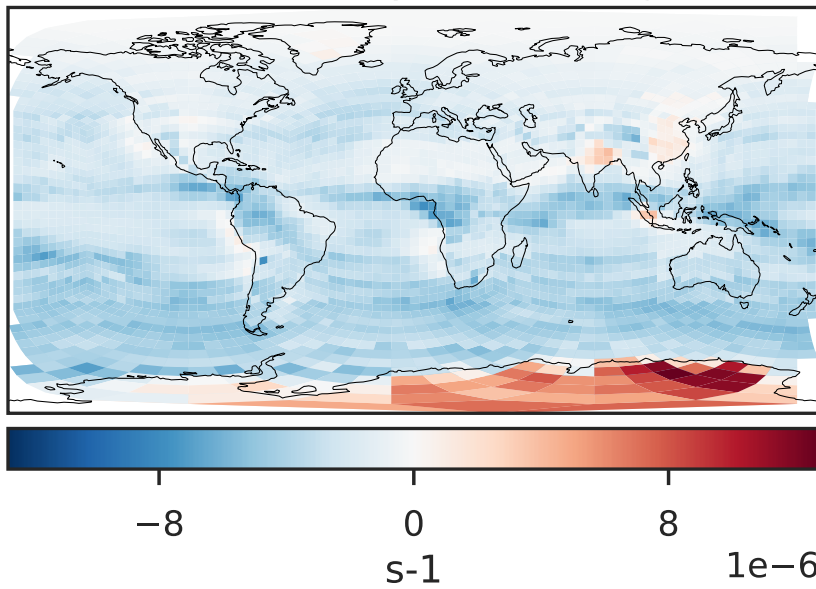
14.2.0-rc.2 (Ref)
c24



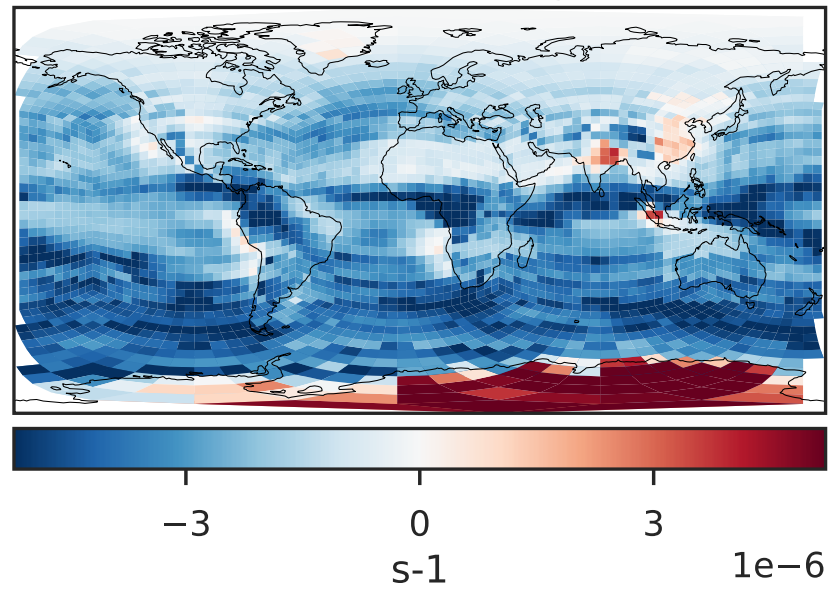
14.3.0-rc.0 (Dev)
c24



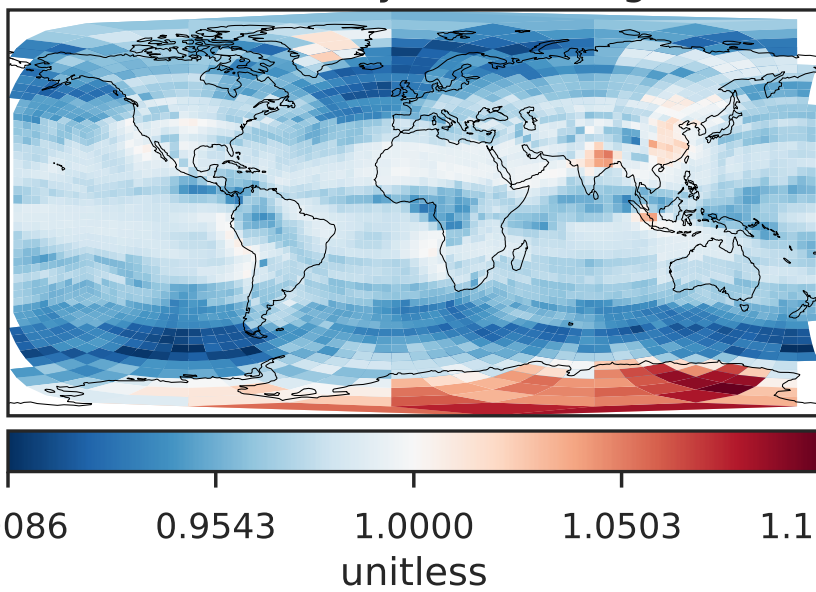
Difference
Dev - Ref, Dynamic Range



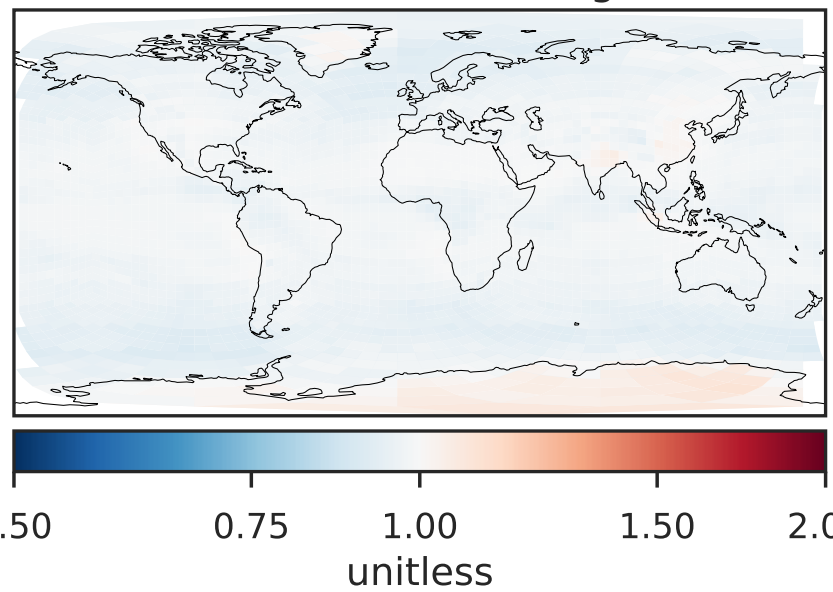
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

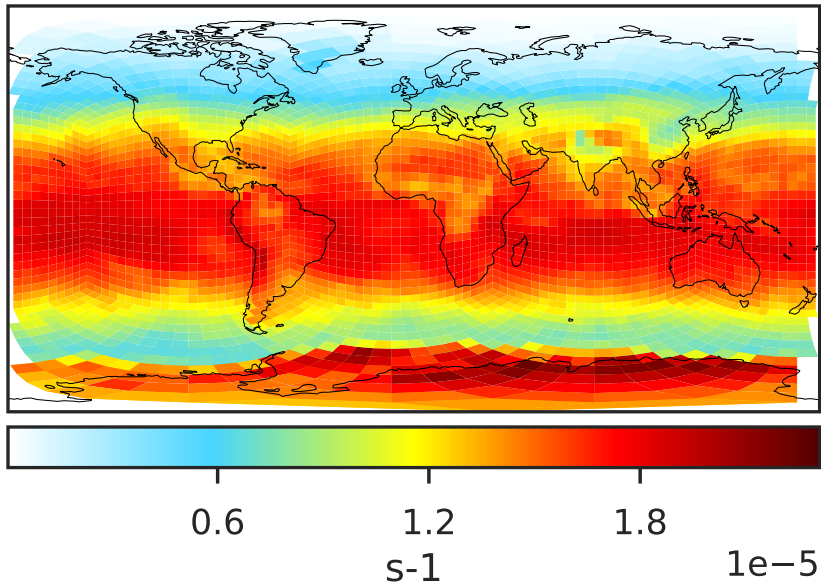


Ratio
Dev/Ref, Fixed Range

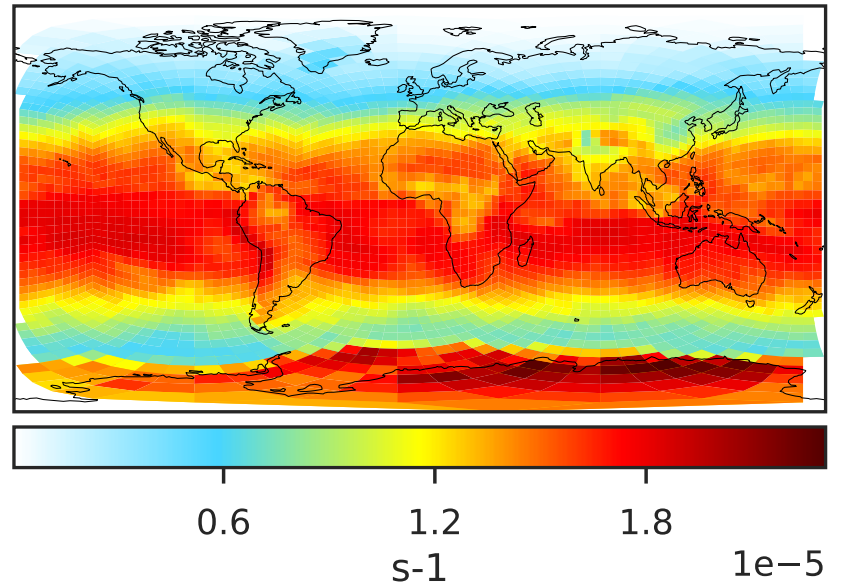


Jval_CIN03 (Oct2019)

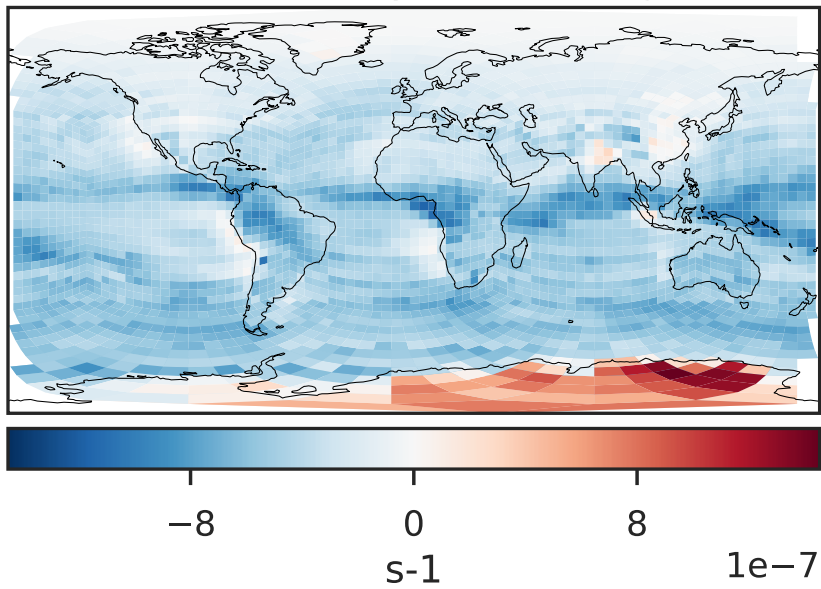
14.2.0-rc.2 (Ref)
c24



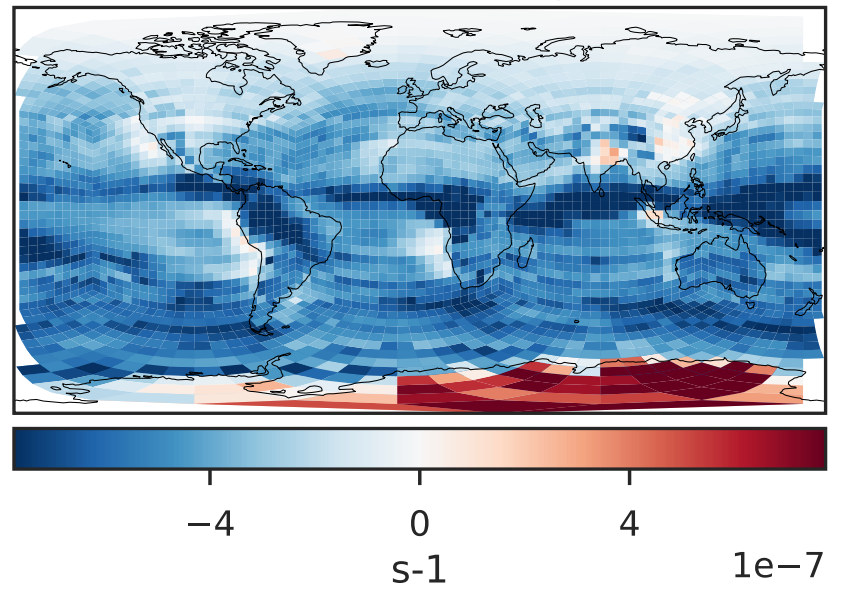
14.3.0-rc.0 (Dev)
c24



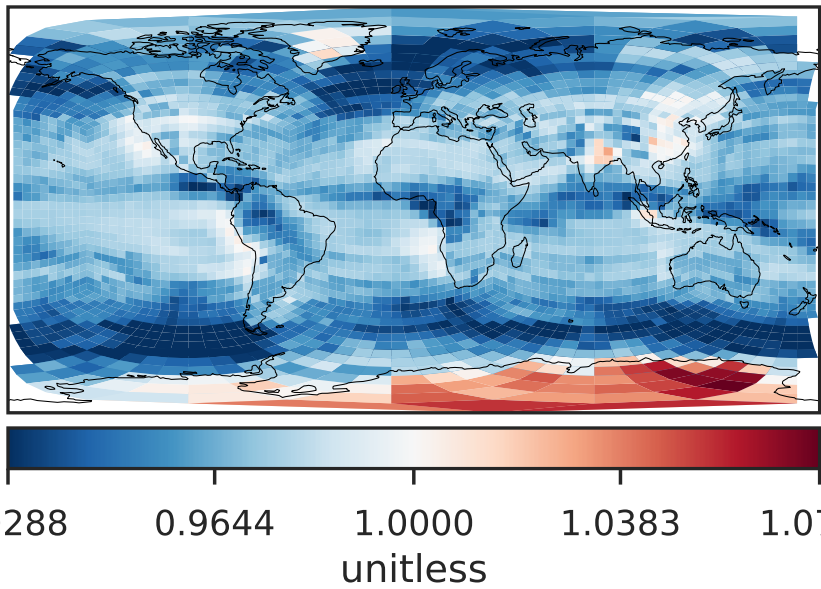
Difference
Dev - Ref, Dynamic Range



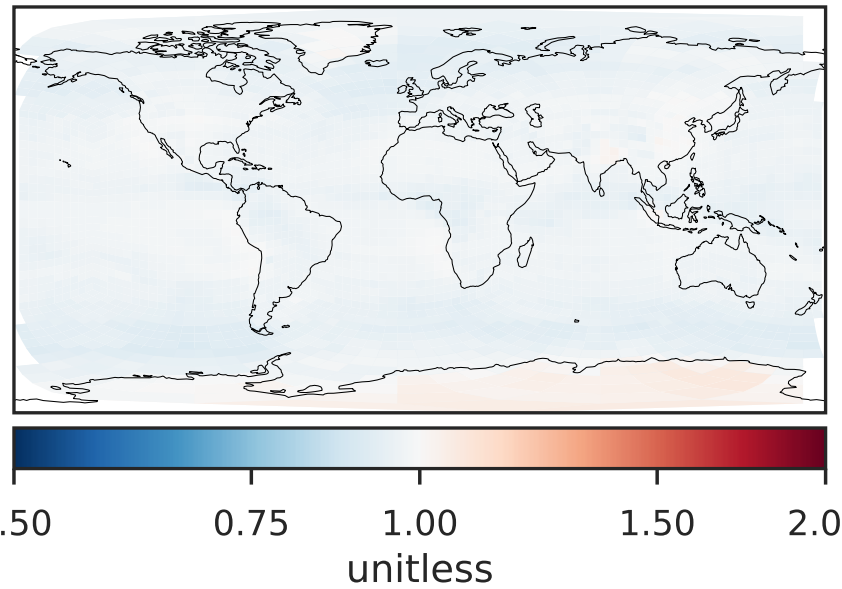
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

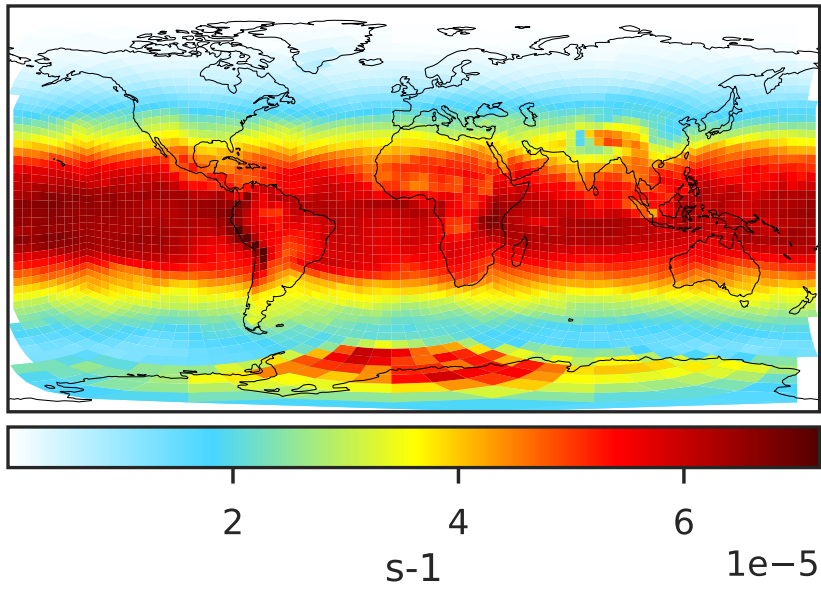


Ratio
Dev/Ref, Fixed Range

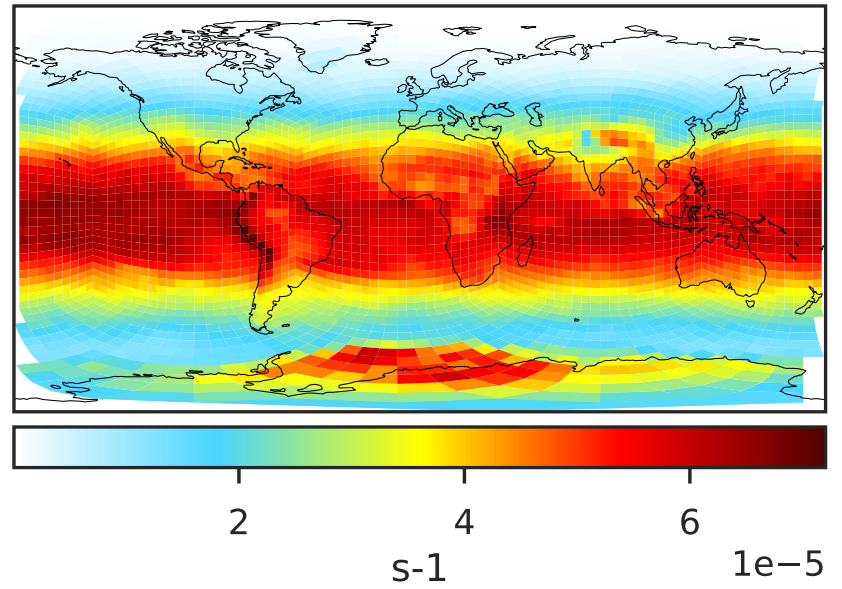


Jval_CIO (Oct2019)

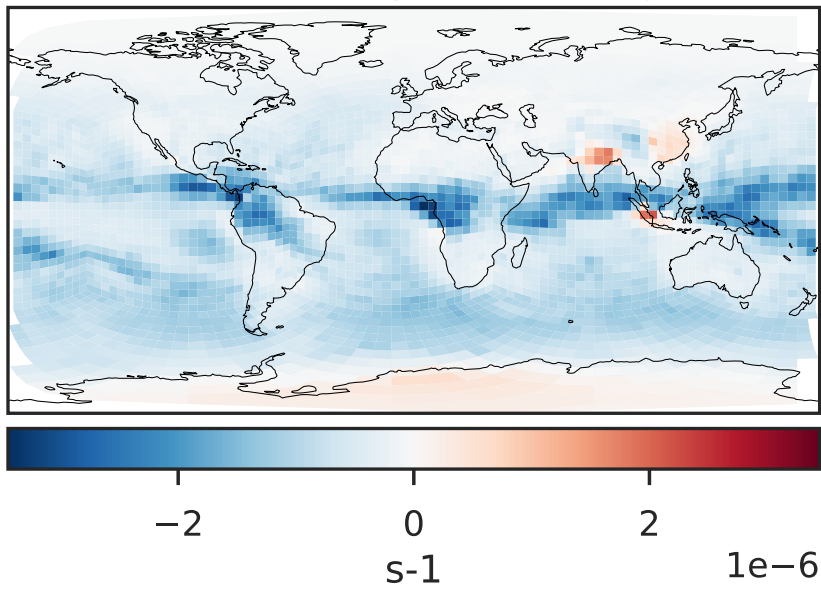
14.2.0-rc.2 (Ref)
c24



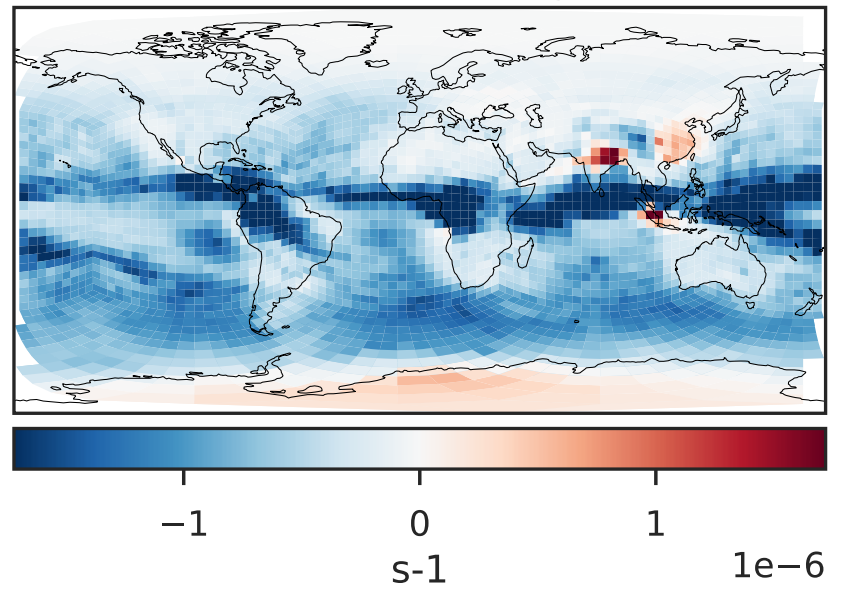
14.3.0-rc.0 (Dev)
c24



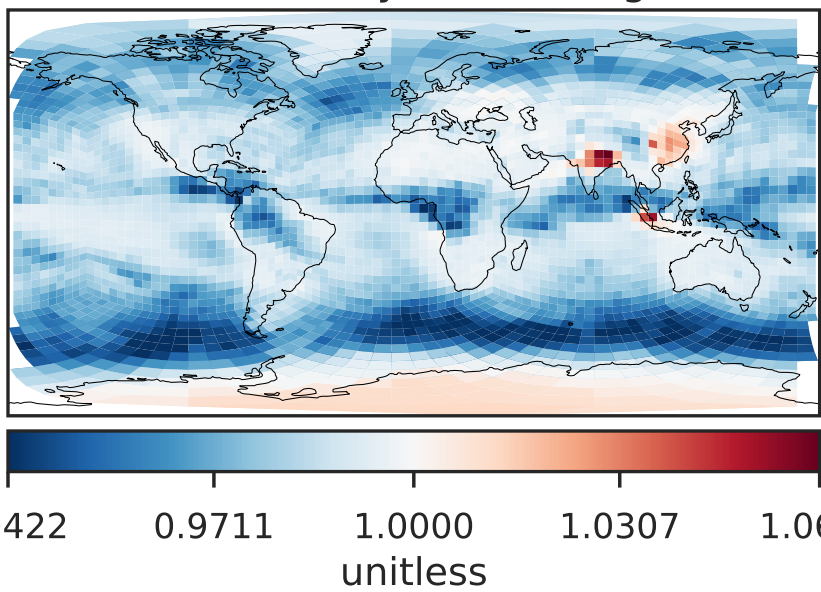
Difference
Dev - Ref, Dynamic Range



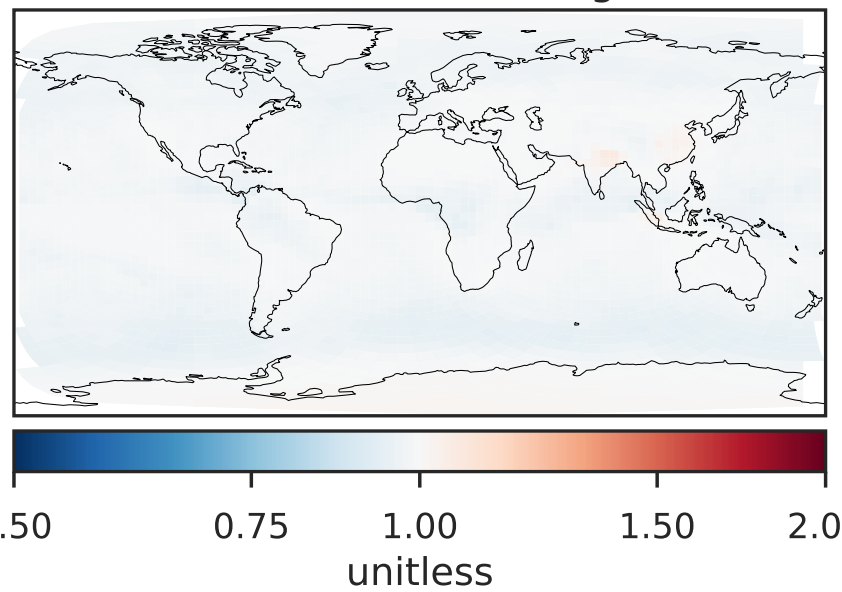
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

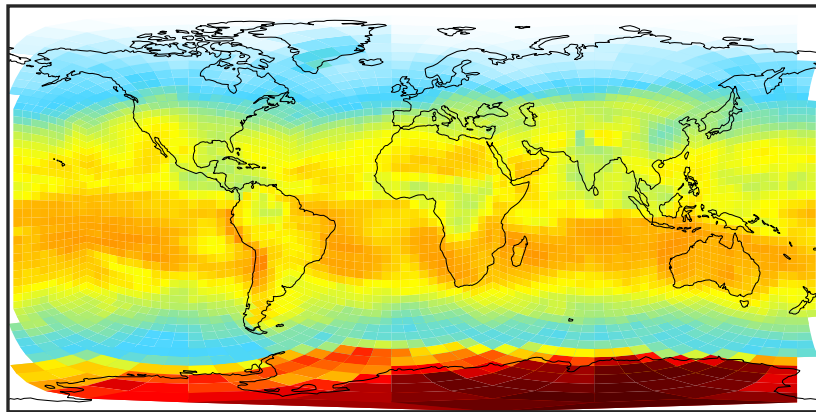


0.9422 0.9711 1.0000 1.0307 1.0613
unitless

0.50 0.75 1.00 1.50 2.00
unitless

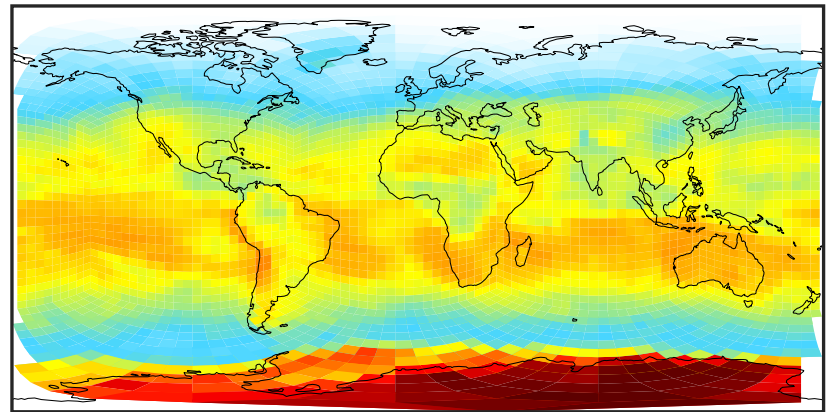
Jval_C100 (Oct2019)

14.2.0-rc.2 (Ref)
c24



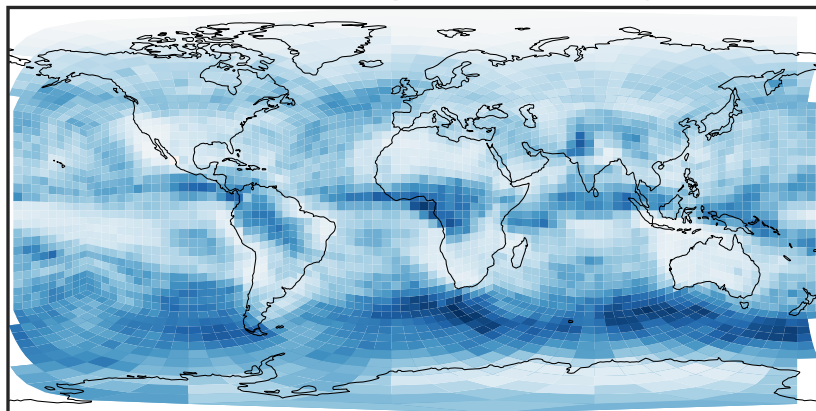
0.0005 0.0957 0.1910 0.2862 0.3815
s-1

14.3.0-rc.0 (Dev)
c24



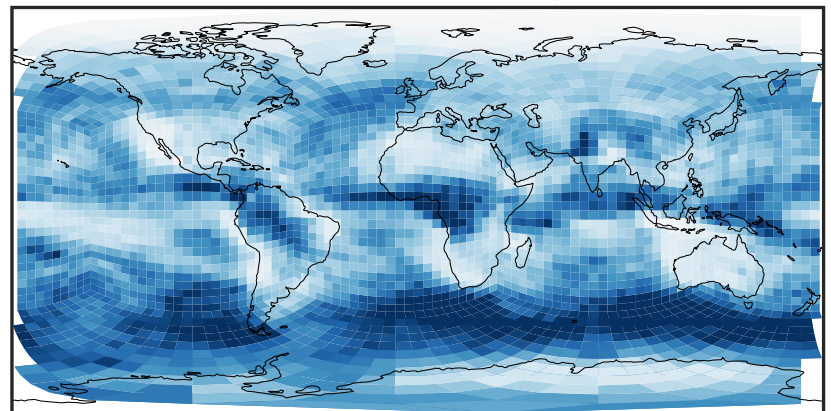
0.0005 0.0957 0.1910 0.2862 0.3815
s-1

Difference
Dev - Ref, Dynamic Range



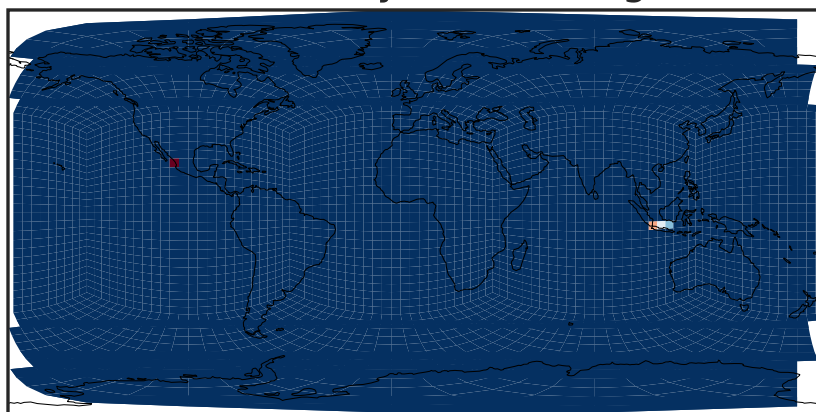
-0.008 0.000 0.008
s-1

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



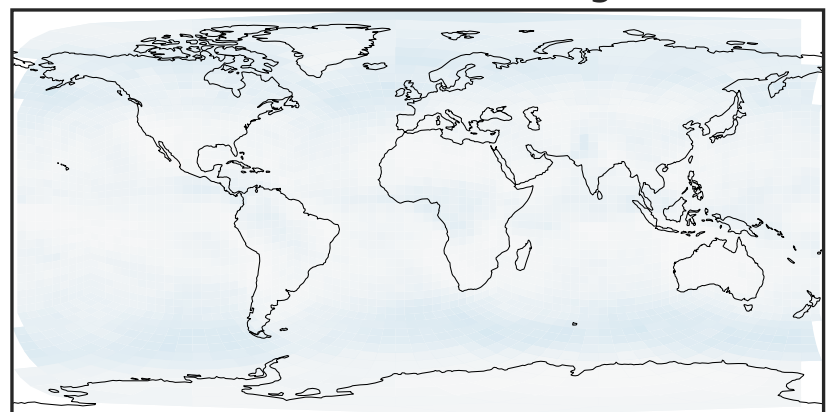
-0.006 0.000 0.006
s-1

Ratio
Dev/Ref, Dynamic Range



0.997714 0.998857 1.000000 1.001146 1.002291
unitless

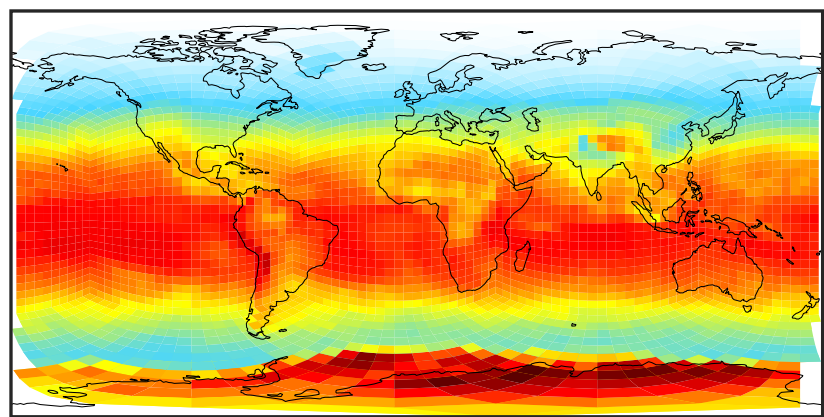
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

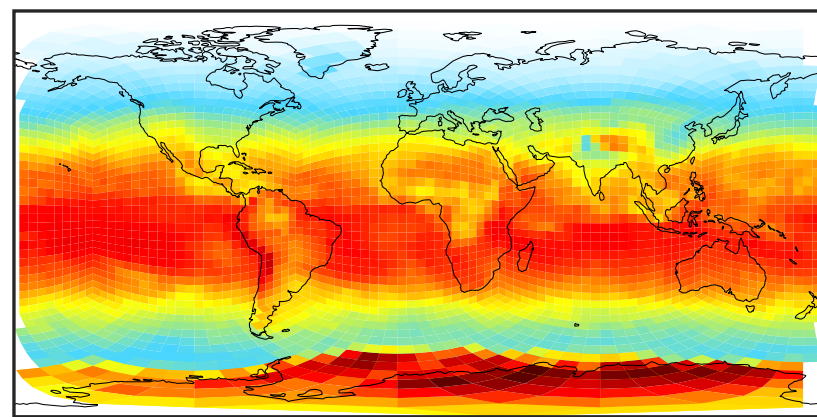
Jval_ETHLN (Oct2019)

14.2.0-rc.2 (Ref)
c24



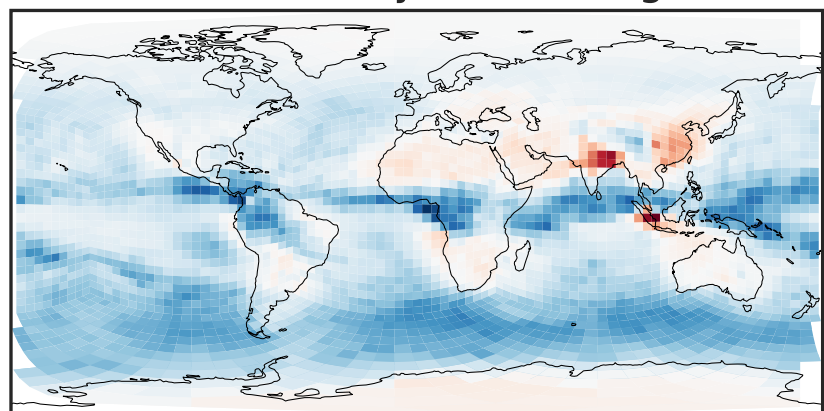
2 4 6
s-1 1e-5

14.3.0-rc.0 (Dev)
c24



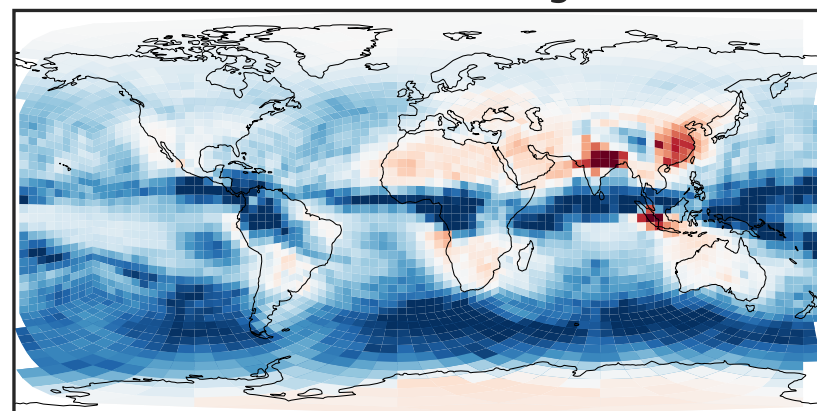
2 4 6
s-1 1e-5

Difference
Dev - Ref, Dynamic Range



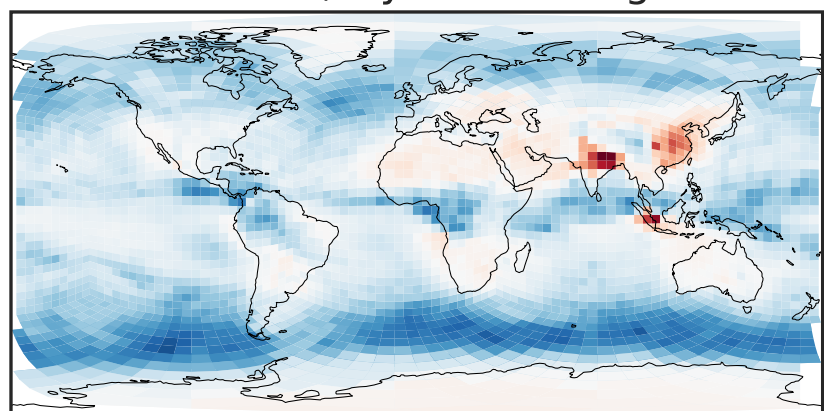
-1.5 0.0 1.5
s-1 1e-6

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



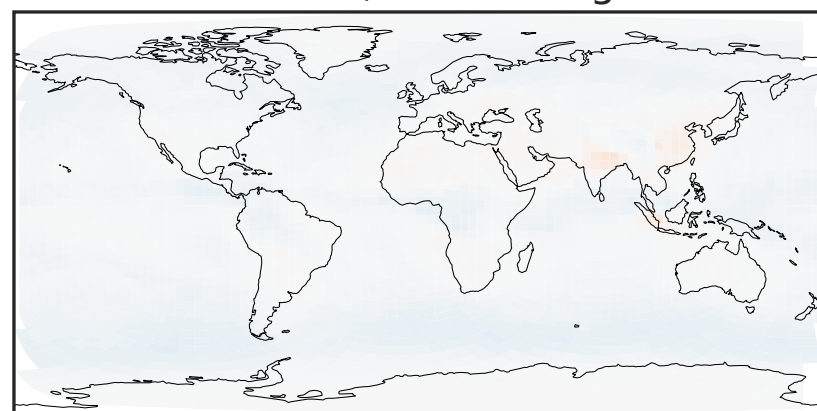
-8 0 8
s-1 1e-7

Ratio
Dev/Ref, Dynamic Range



0.9219 0.9609 1.0000 1.0424 1.0847
unitless

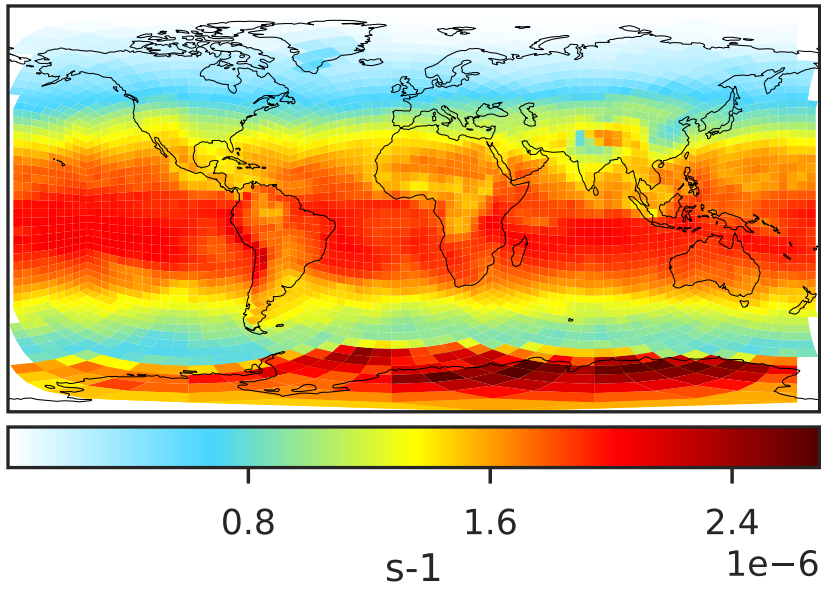
Ratio
Dev/Ref, Fixed Range



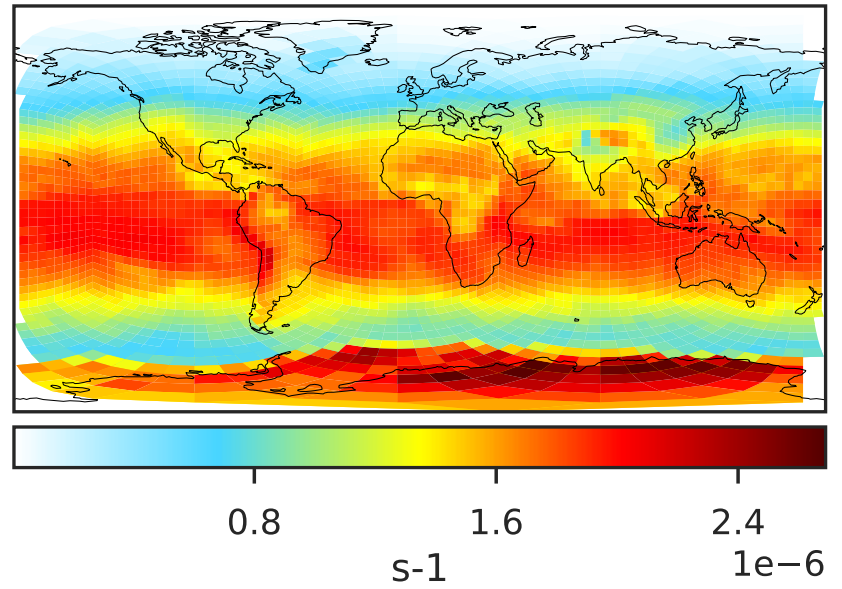
0.50 0.75 1.00 1.50 2.00
unitless

Jval_ETHP (Oct2019)

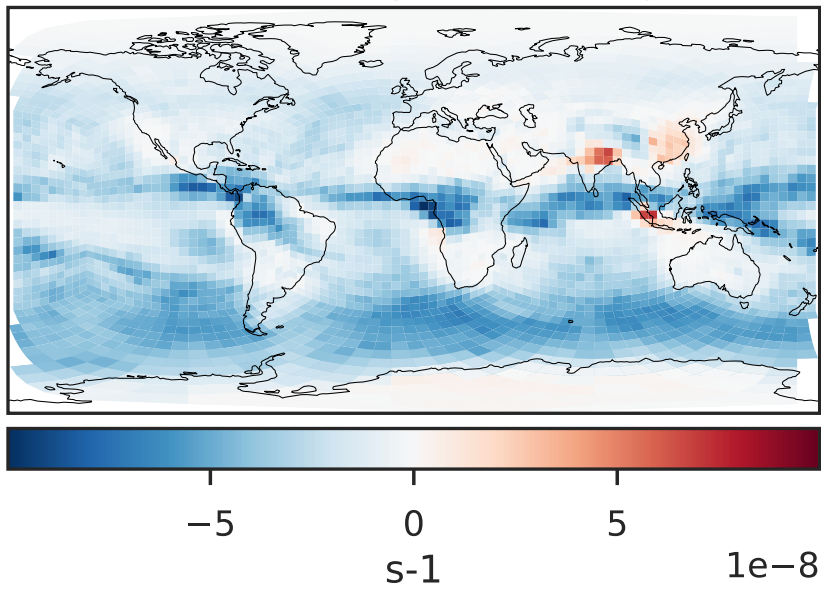
14.2.0-rc.2 (Ref)
c24



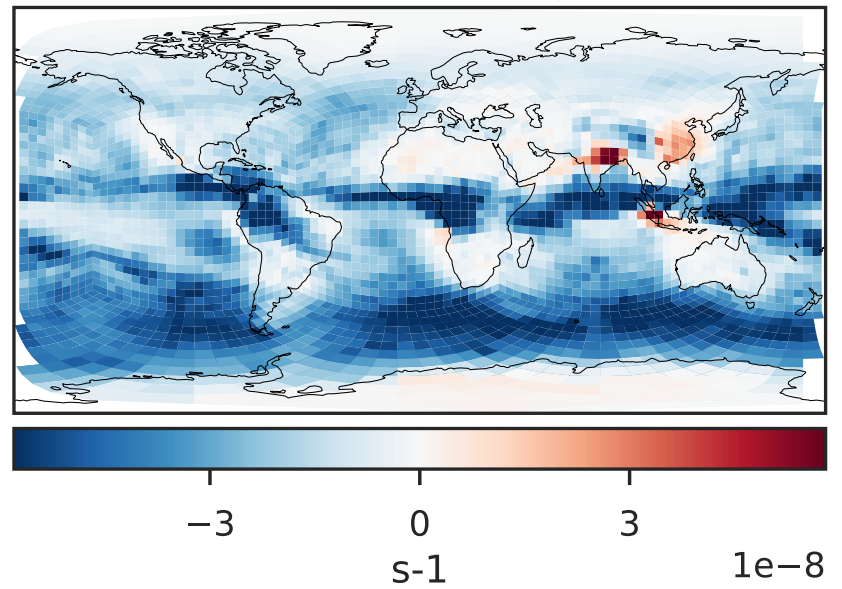
14.3.0-rc.0 (Dev)
c24



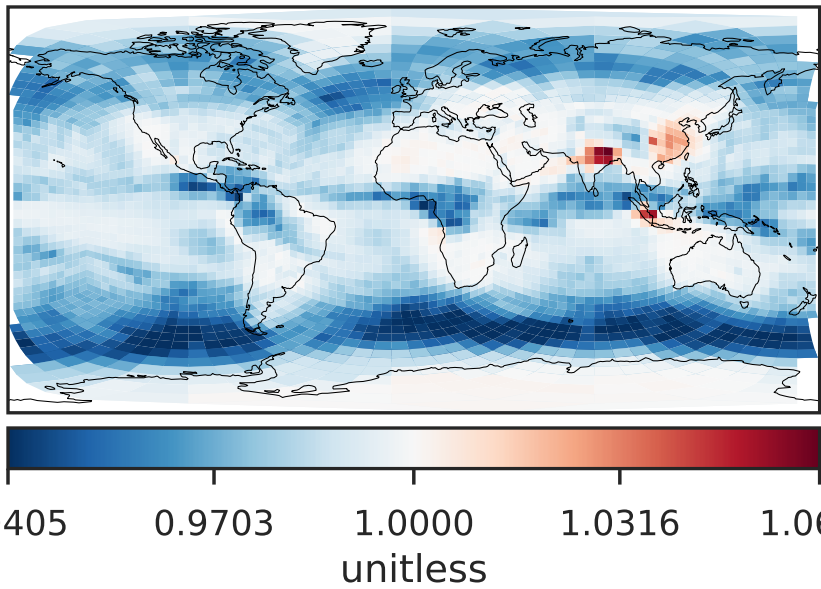
Difference
Dev - Ref, Dynamic Range



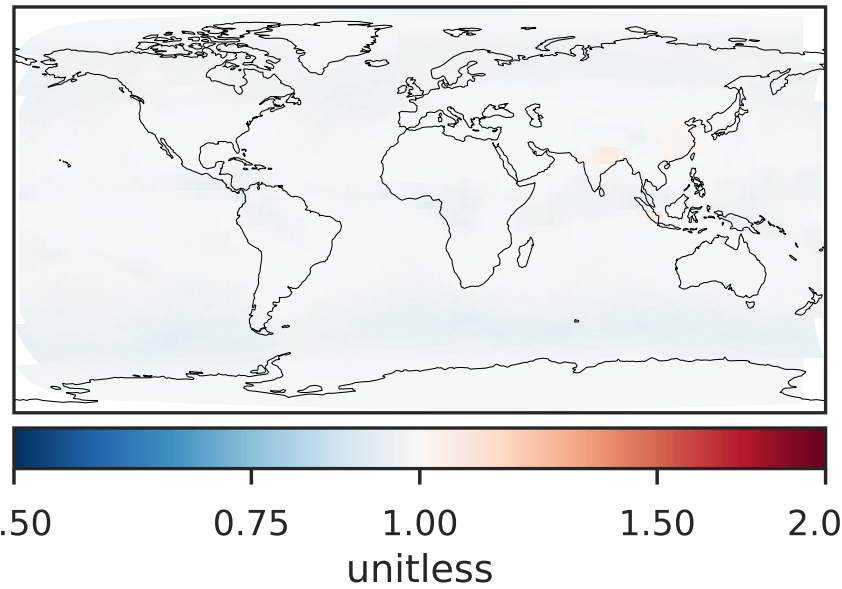
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

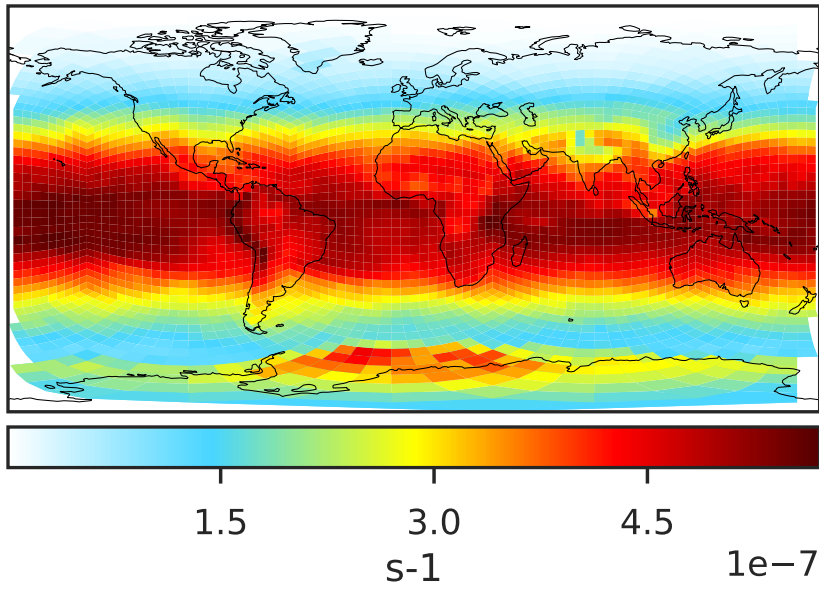


Ratio
Dev/Ref, Fixed Range

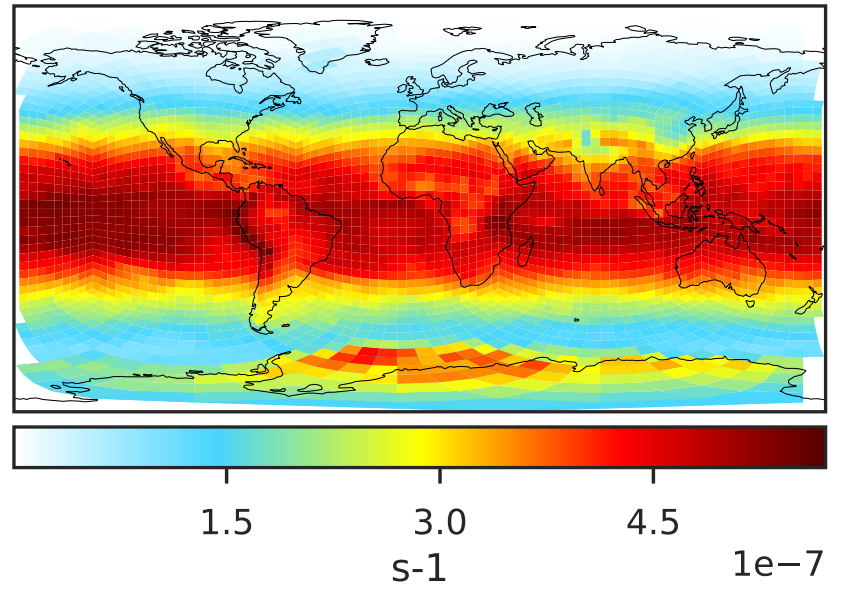


Jval_ETNO3 (Oct2019)

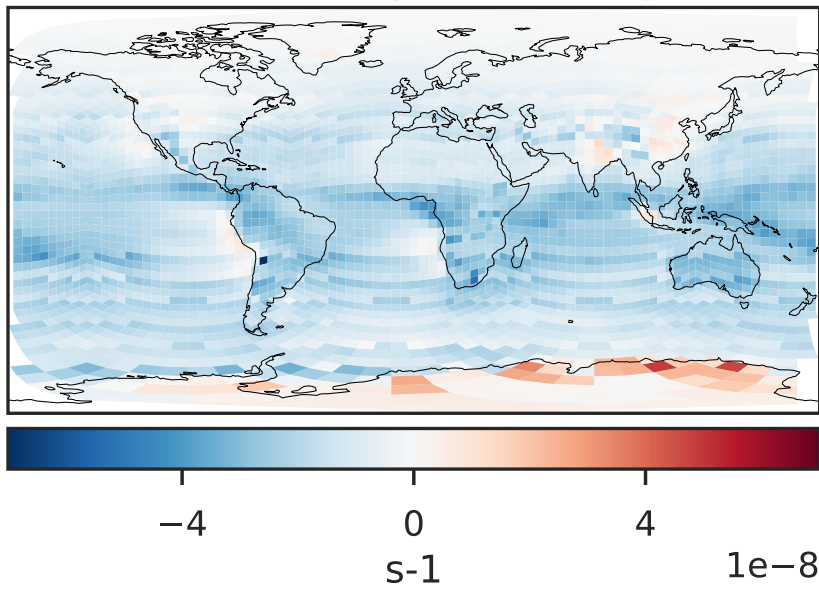
14.2.0-rc.2 (Ref)
c24



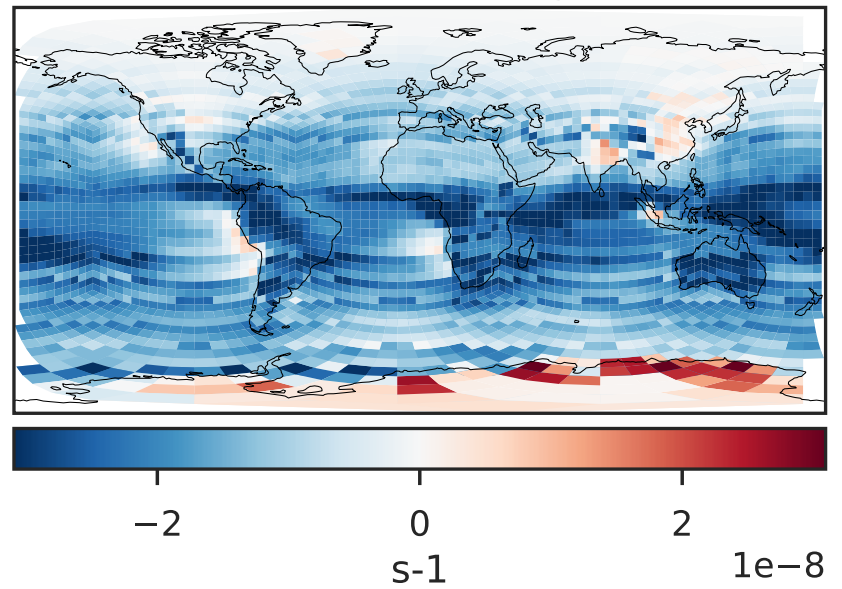
14.3.0-rc.0 (Dev)
c24



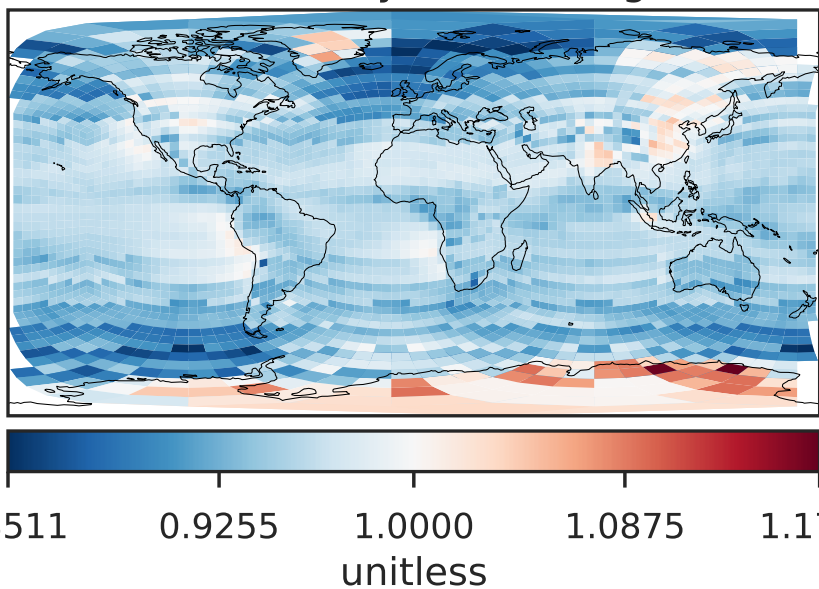
Difference
Dev - Ref, Dynamic Range



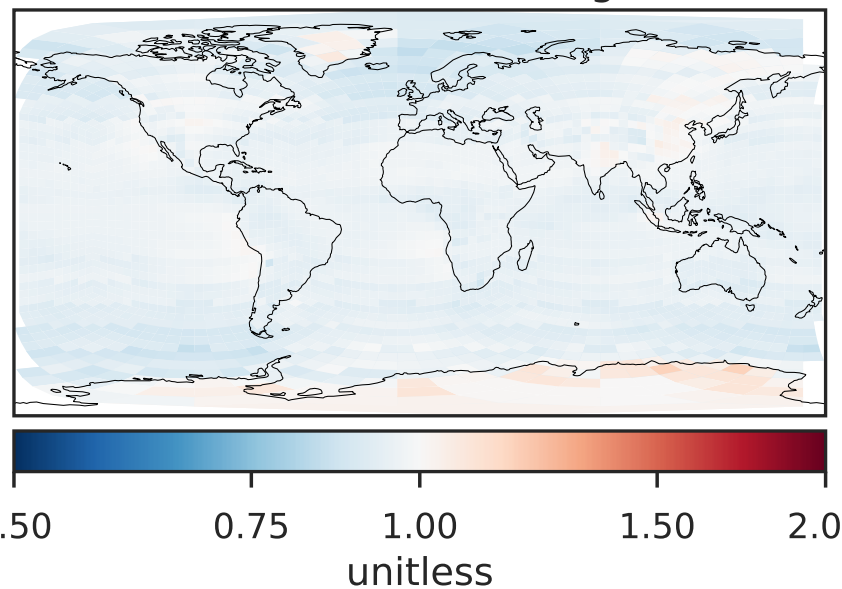
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

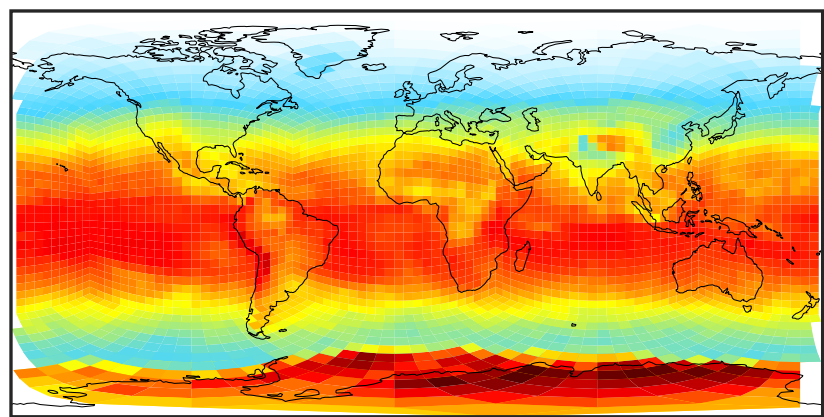


Ratio
Dev/Ref, Fixed Range



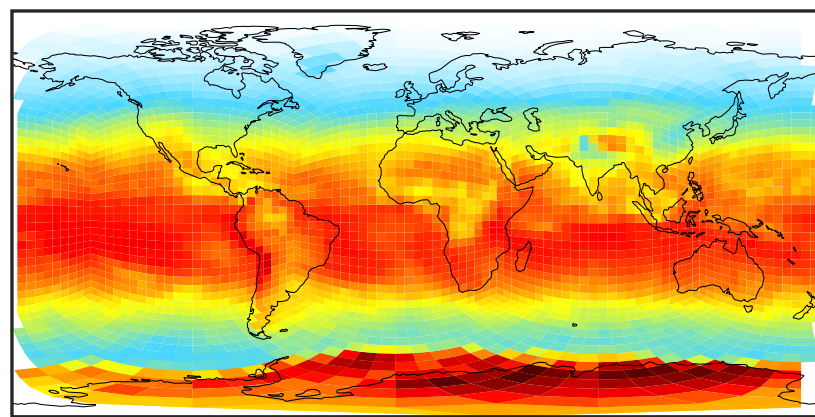
Jval_ETP (Oct2019)

14.2.0-rc.2 (Ref)
c24



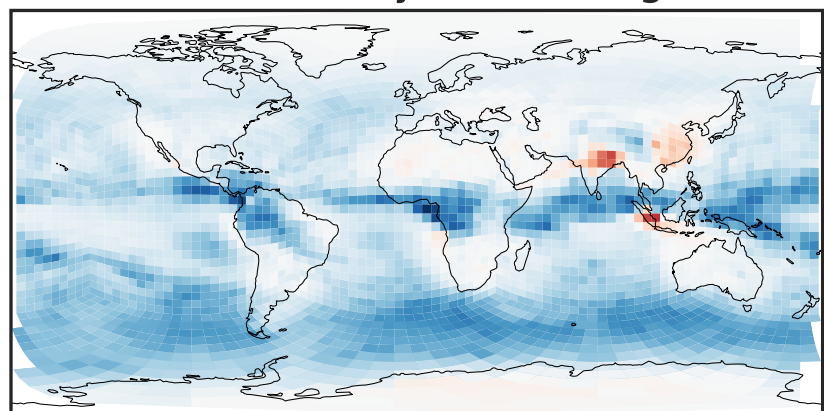
0.4 0.8 1.2
s-1 $1e-6$

14.3.0-rc.0 (Dev)
c24



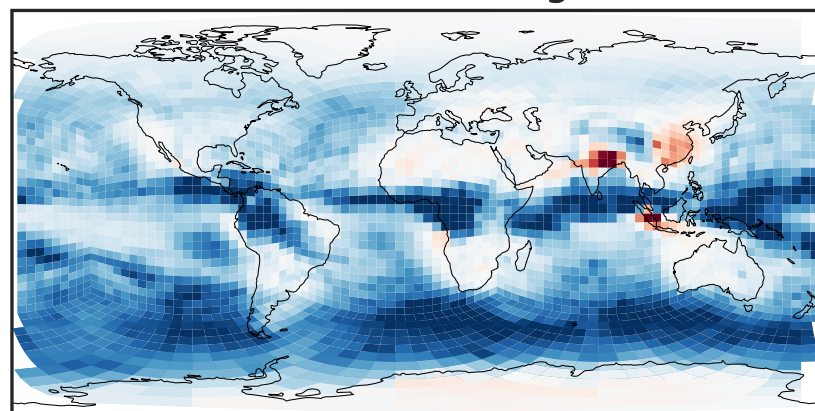
0.4 0.8 1.2
s-1 $1e-6$

Difference
Dev - Ref, Dynamic Range



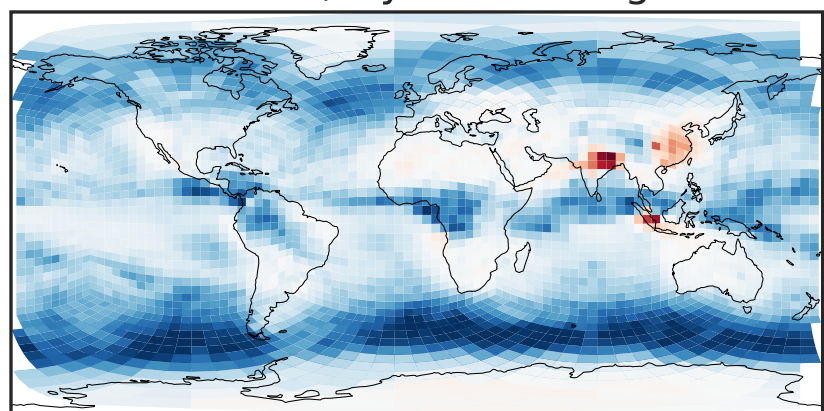
-2.5 0.0 2.5
s-1 $1e-8$

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



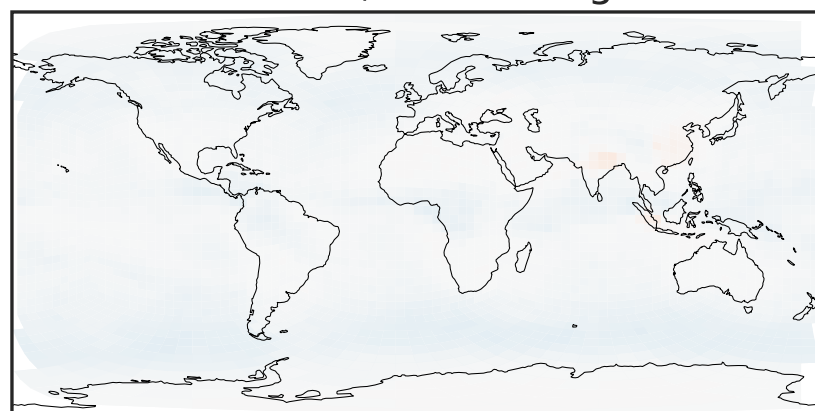
-1.5 0.0 1.5
s-1 $1e-8$

Ratio
Dev/Ref, Dynamic Range



0.9405 0.9703 1.0000 1.0316 1.0632
unitless

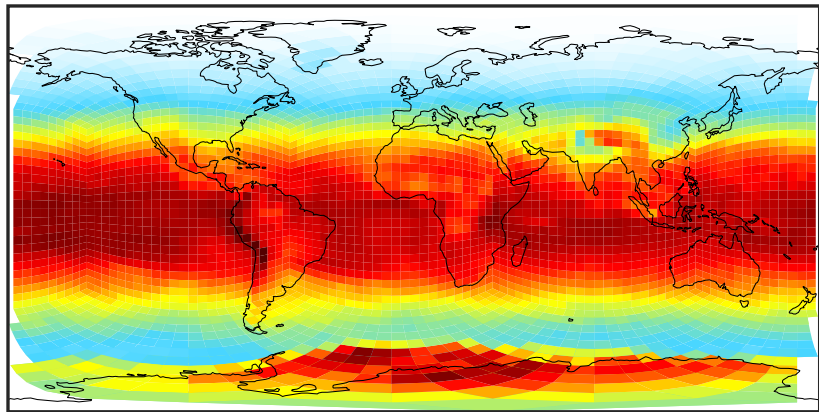
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

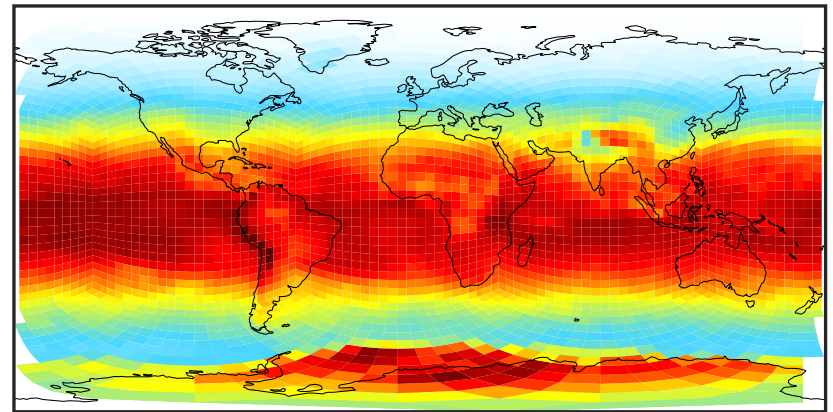
Jval_GLYC (Oct2019)

14.2.0-rc.2 (Ref)
c24



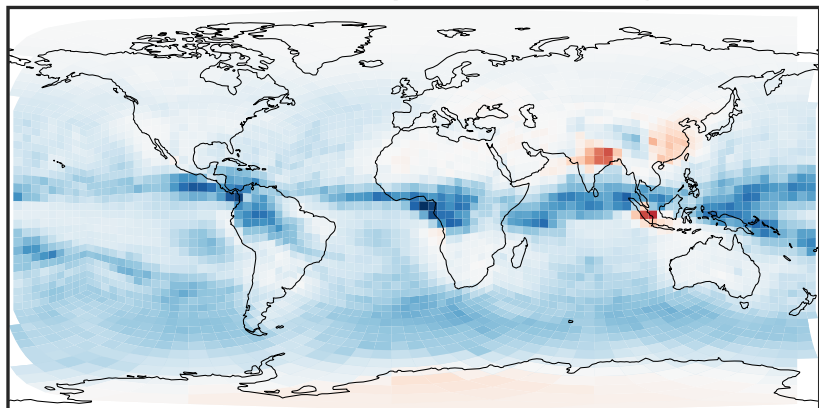
1.5 3.0
s-1 1e-6

14.3.0-rc.0 (Dev)
c24



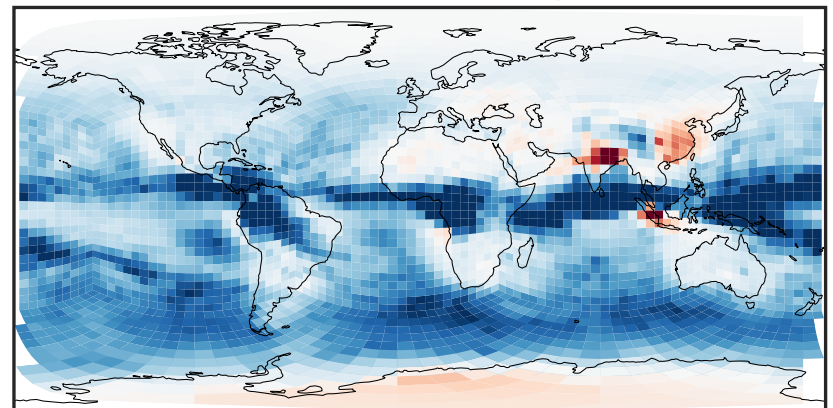
1.5 3.0
s-1 1e-6

Difference
Dev - Ref, Dynamic Range



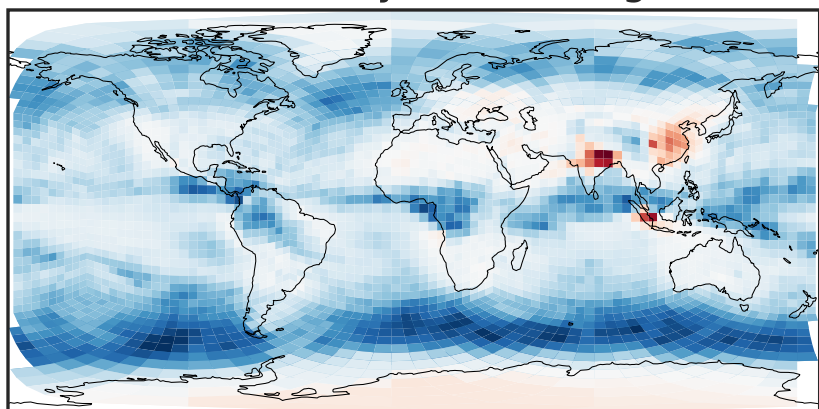
-1.5 0.0 1.5
s-1 1e-7

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



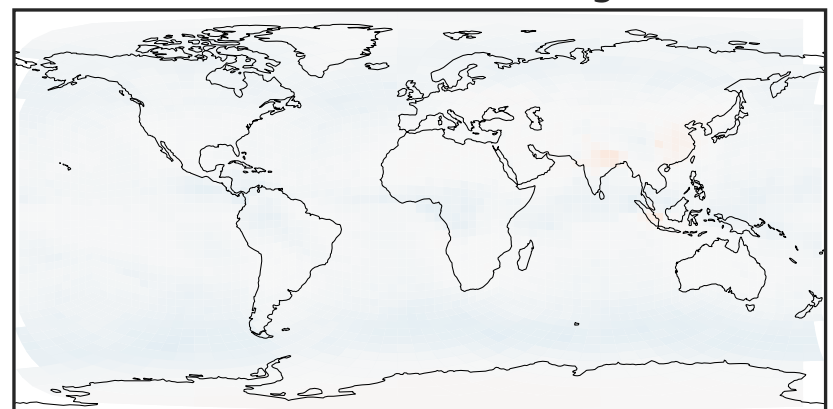
-6 0 6
s-1 1e-8

Ratio
Dev/Ref, Dynamic Range



0.9349 0.9674 1.0000 1.0348 1.0697
unitless

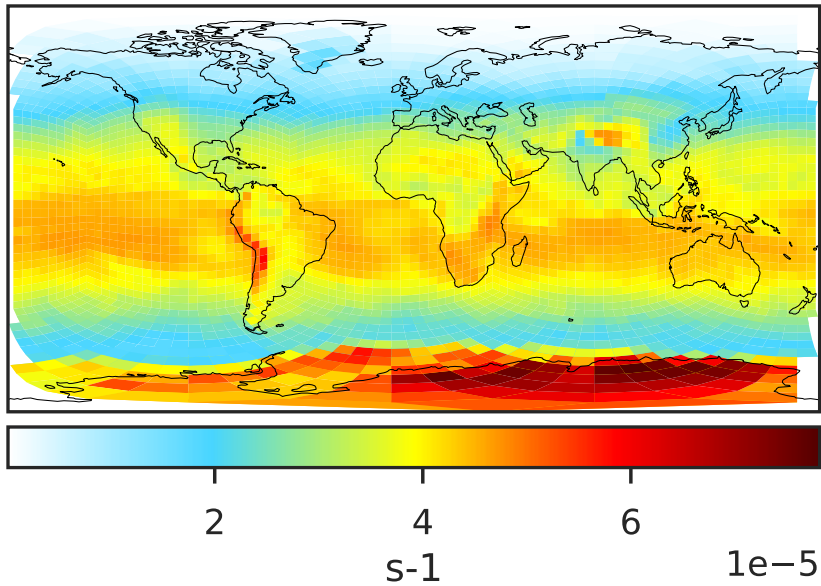
Ratio
Dev/Ref, Fixed Range



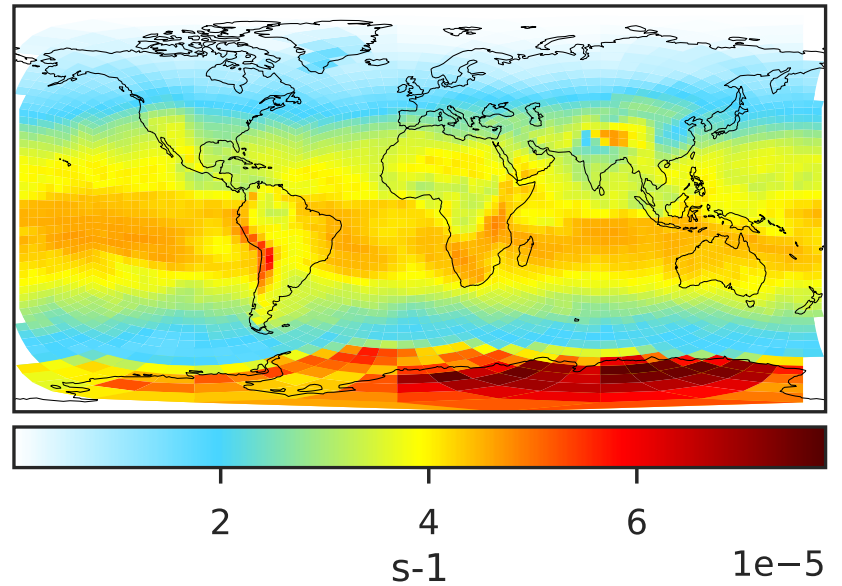
0.50 0.75 1.00 1.50 2.00
unitless

Jval_GLYX (Oct2019)

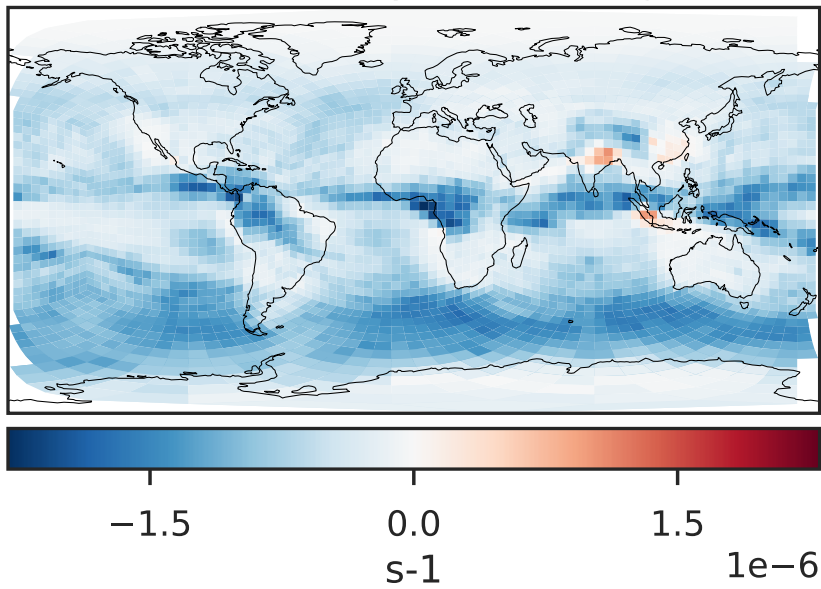
14.2.0-rc.2 (Ref)
c24



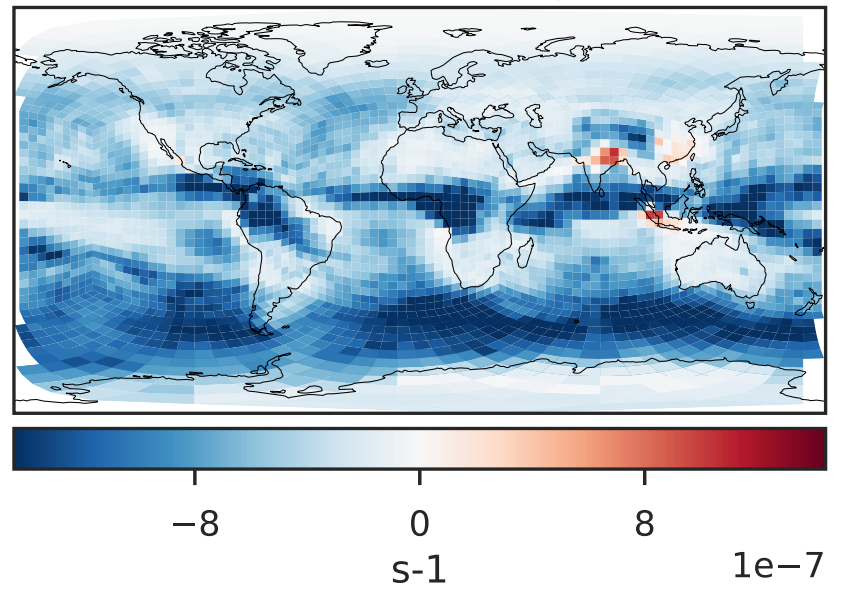
14.3.0-rc.0 (Dev)
c24



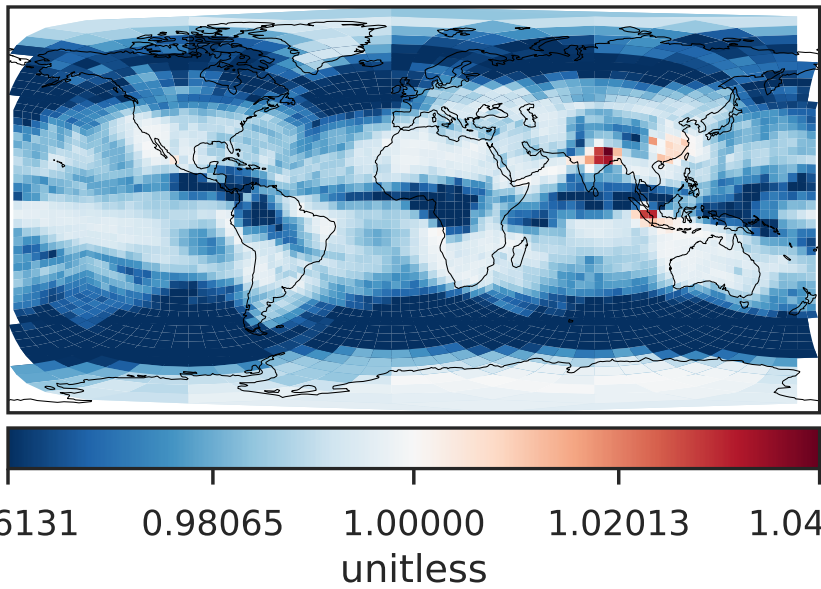
Difference
Dev - Ref, Dynamic Range



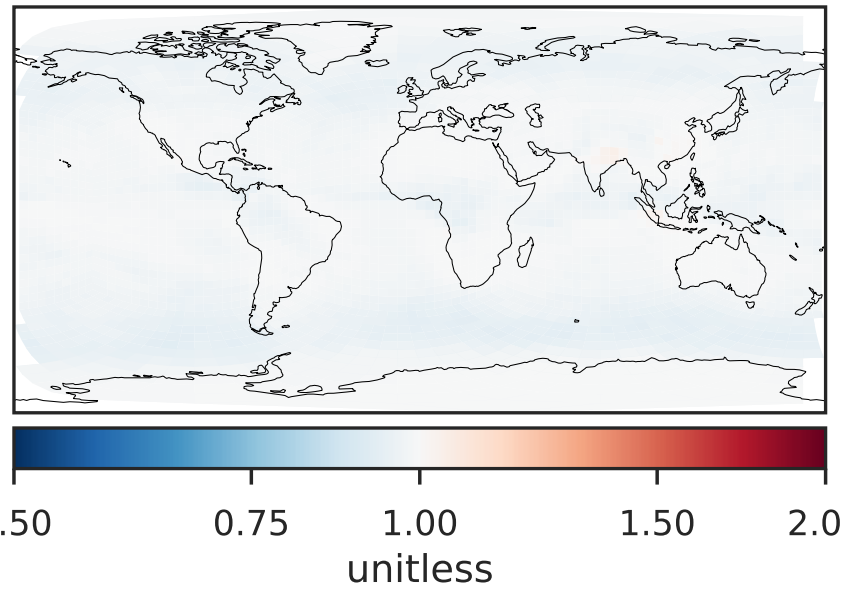
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

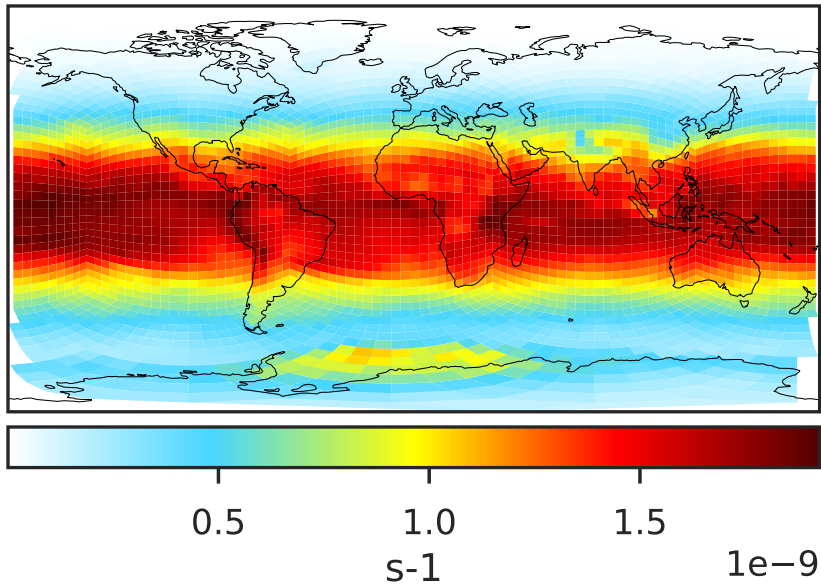


Ratio
Dev/Ref, Fixed Range

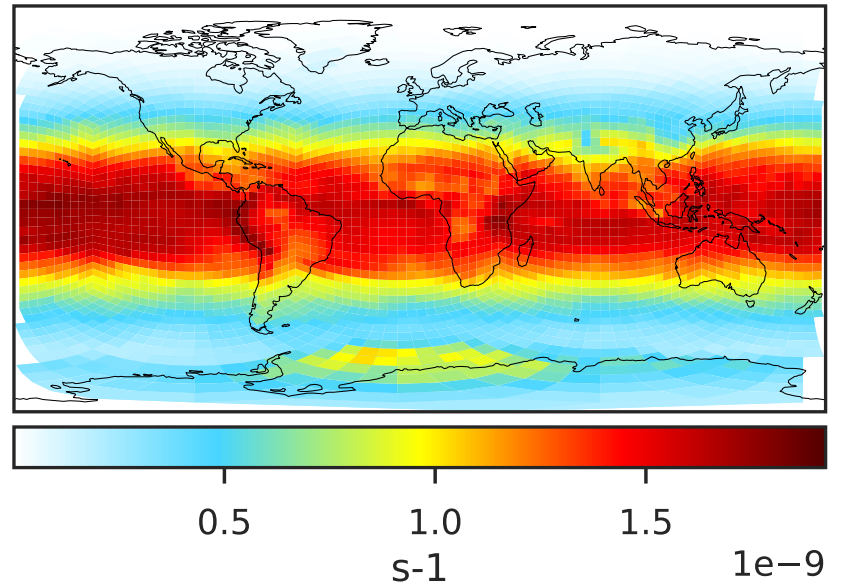


Jval_H1211 (Oct2019)

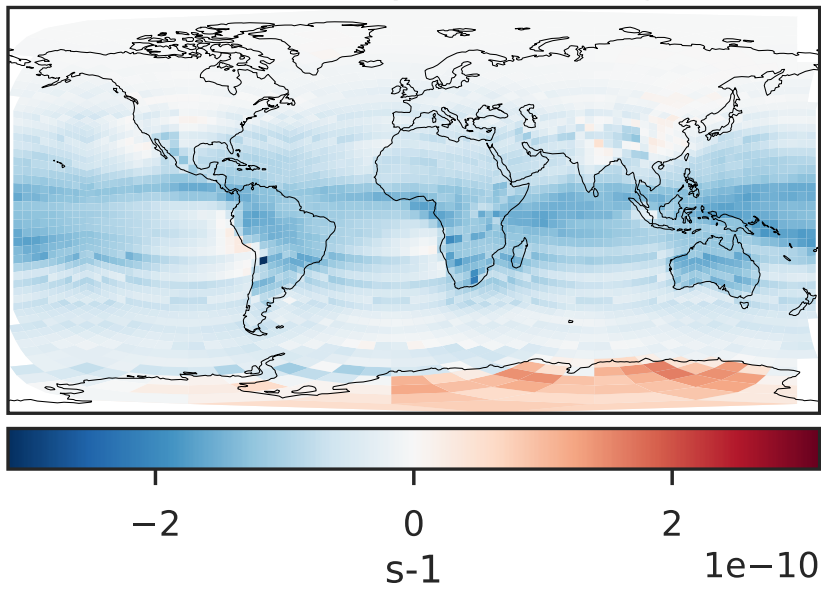
14.2.0-rc.2 (Ref)
c24



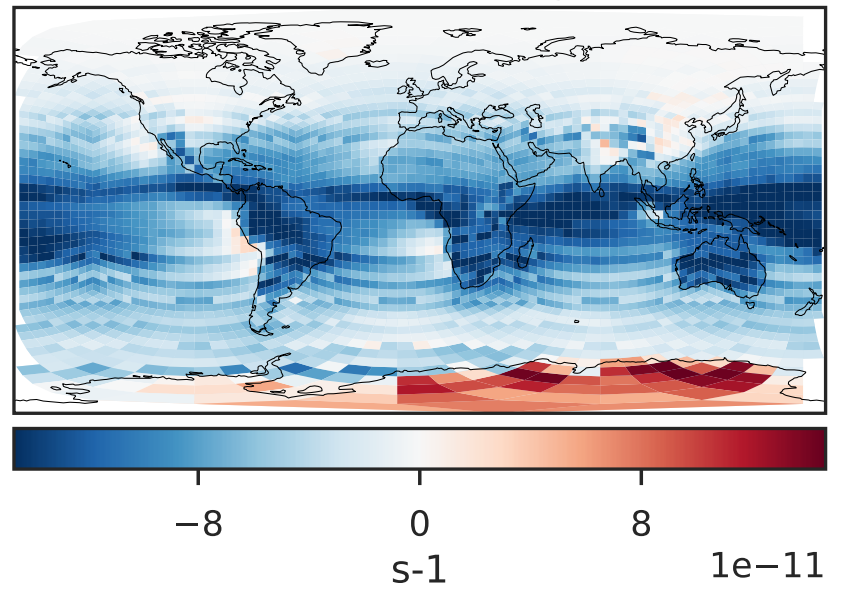
14.3.0-rc.0 (Dev)
c24



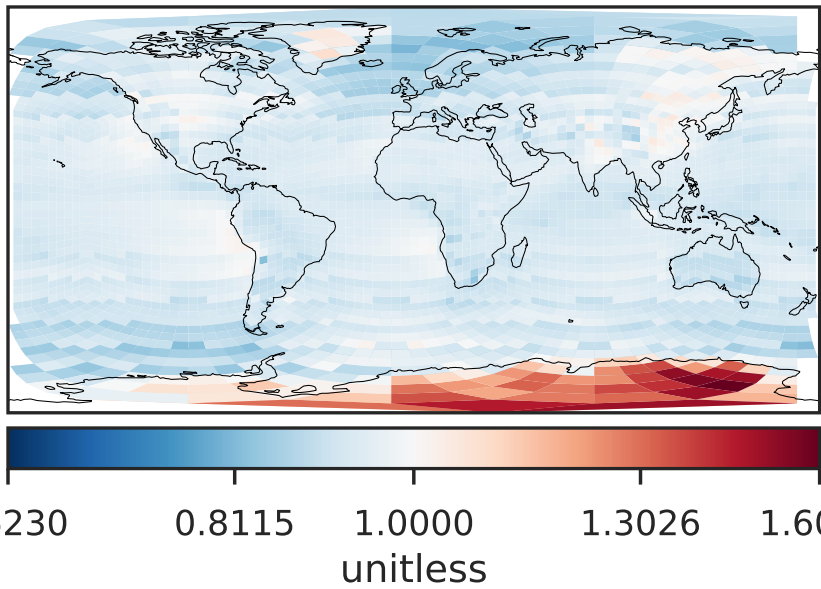
Difference
Dev - Ref, Dynamic Range



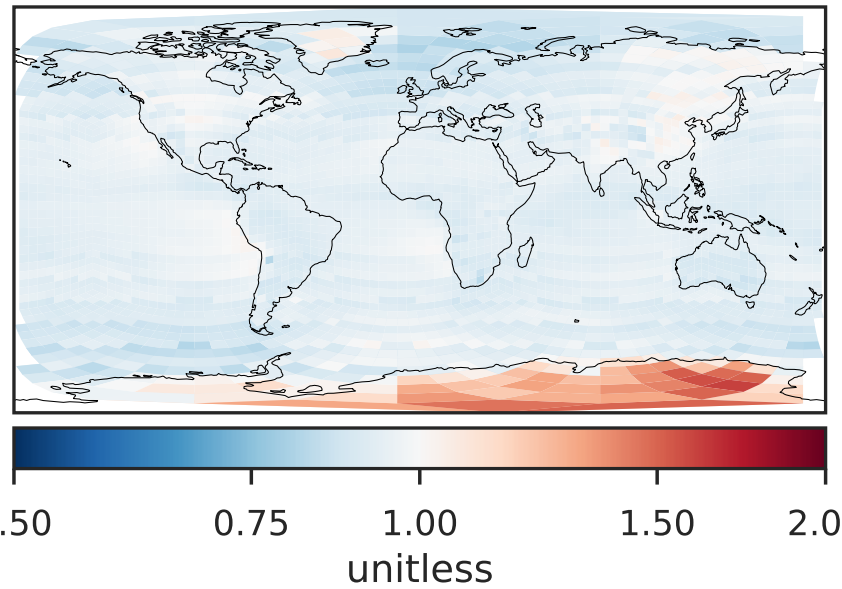
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

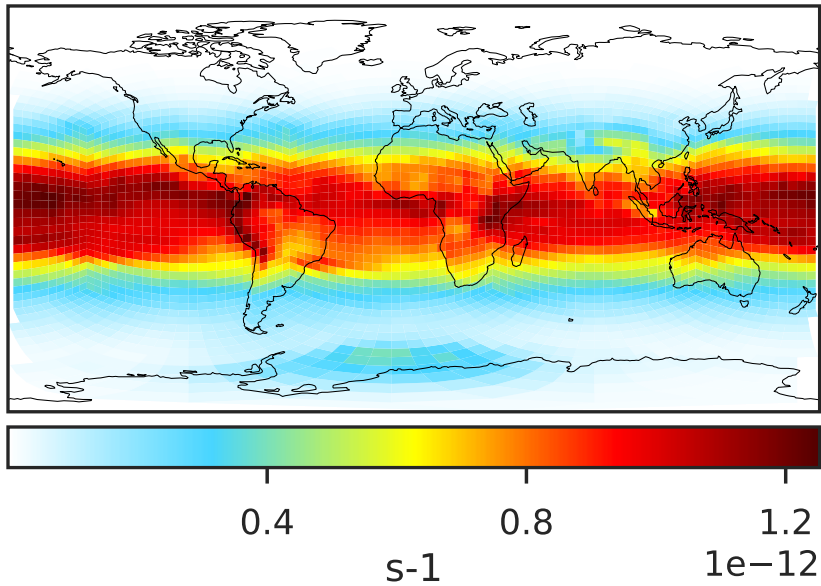


Ratio
Dev/Ref, Fixed Range

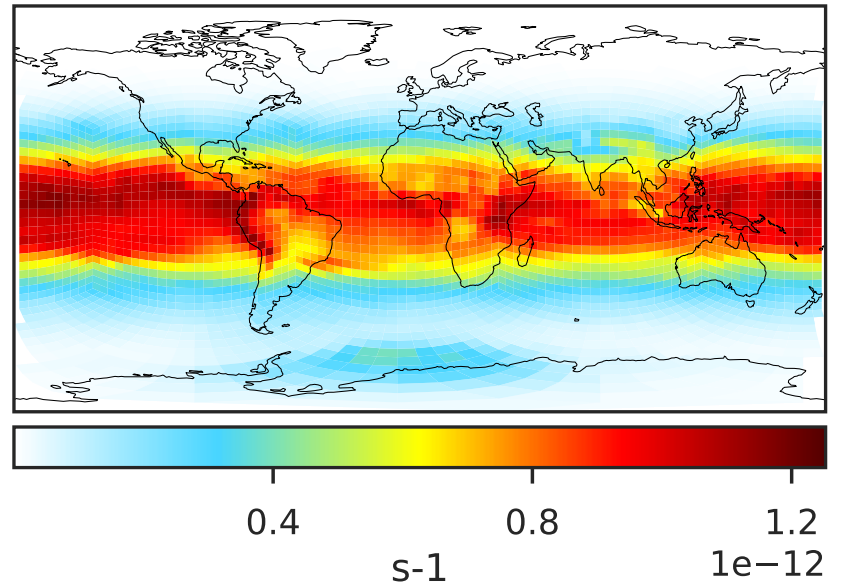


Jval_H1301 (Oct2019)

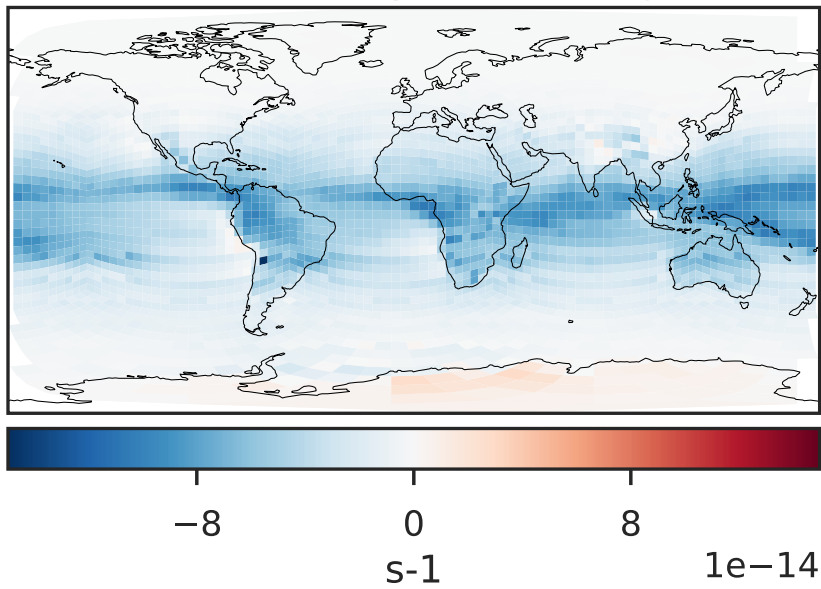
14.2.0-rc.2 (Ref)
c24



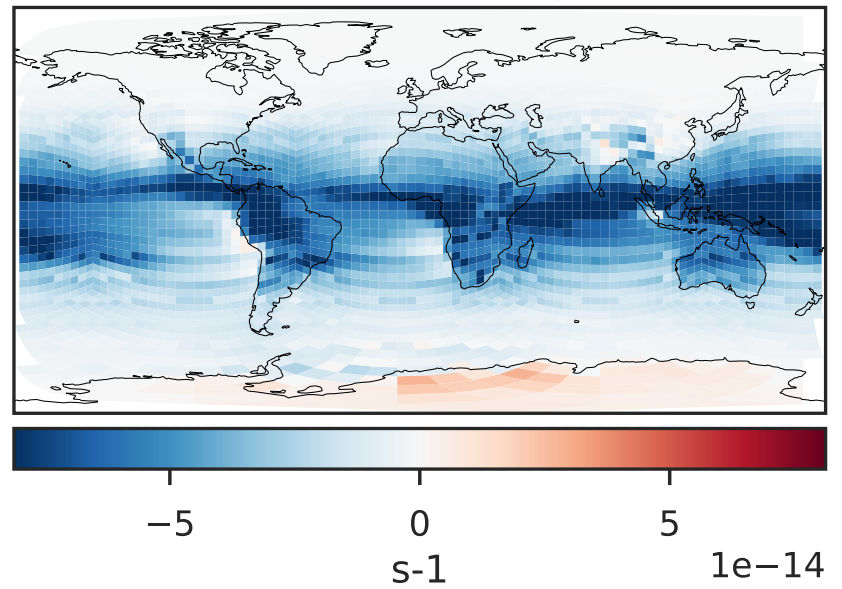
14.3.0-rc.0 (Dev)
c24



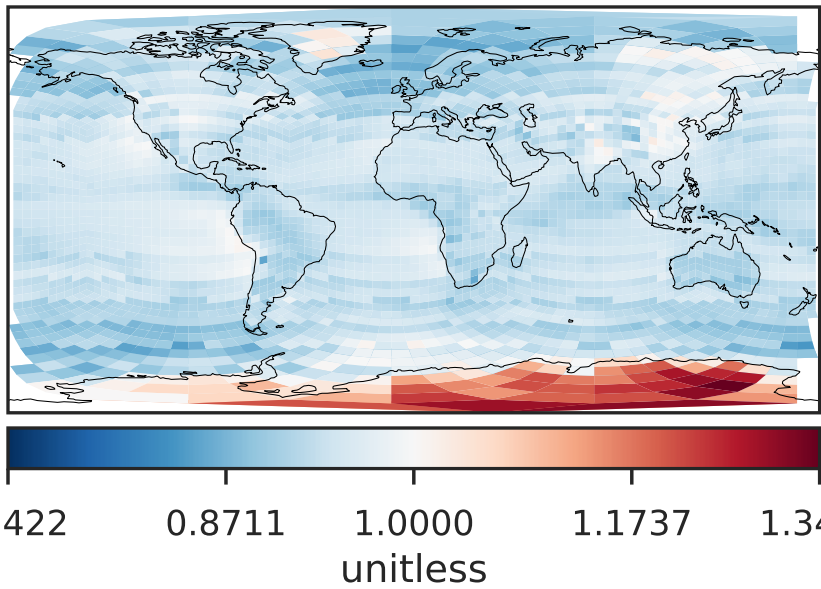
Difference
Dev - Ref, Dynamic Range



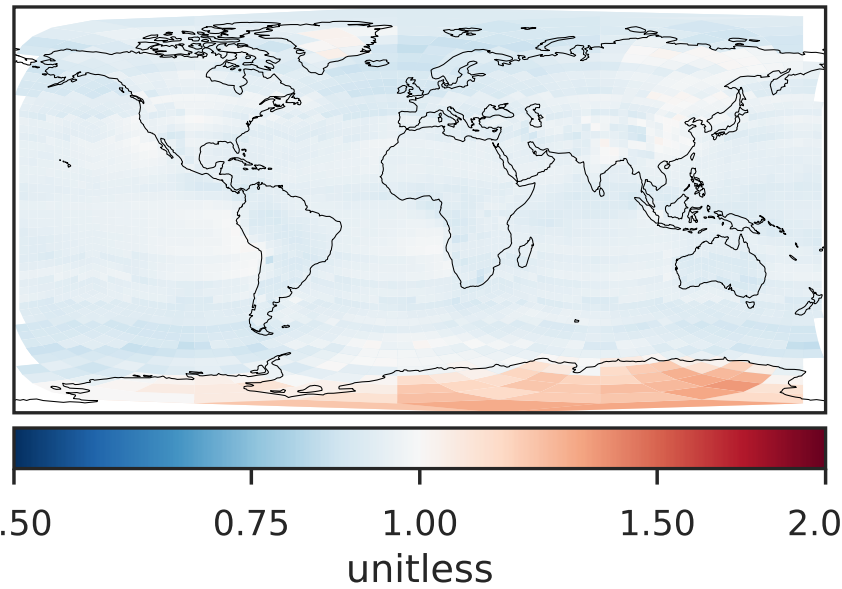
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

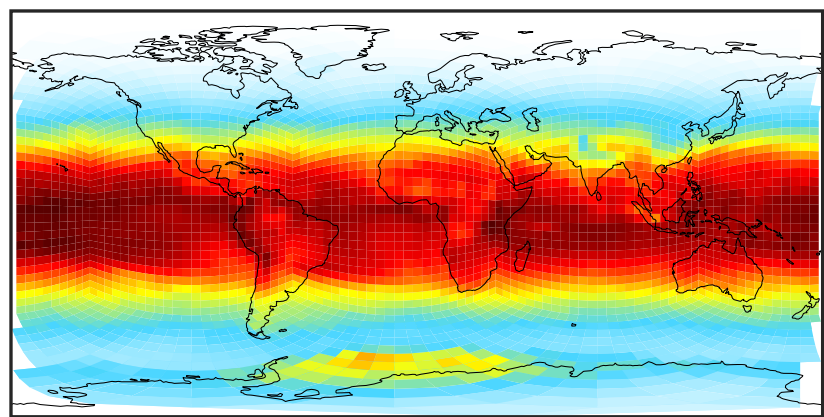


Ratio
Dev/Ref, Fixed Range



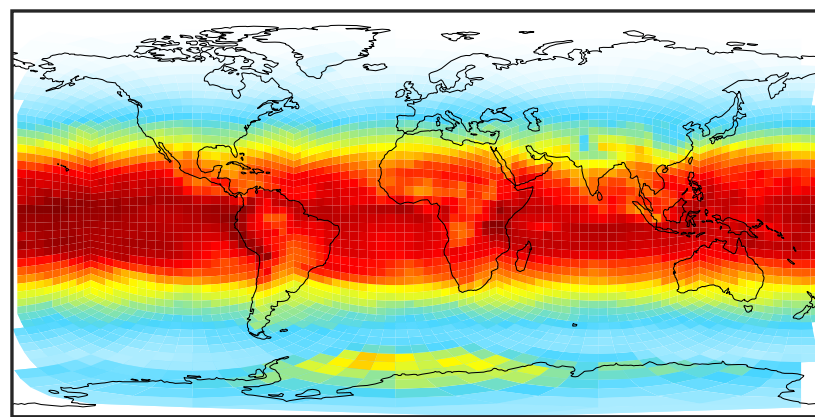
Jval_H2402 (Oct2019)

14.2.0-rc.2 (Ref)
c24



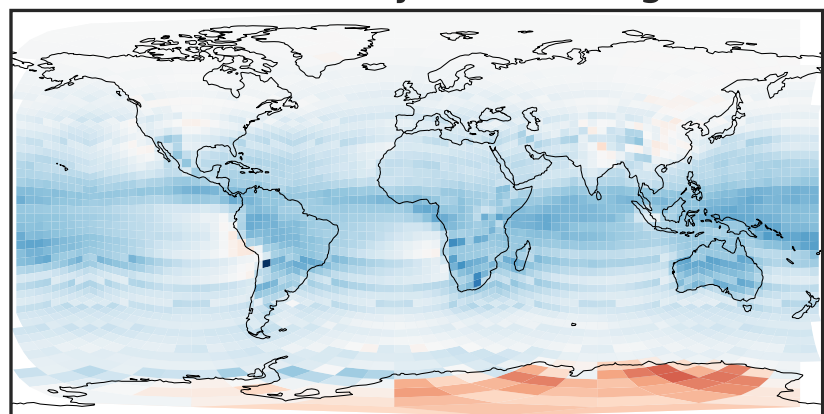
3 6 9
s-1 $1e-10$

14.3.0-rc.0 (Dev)
c24



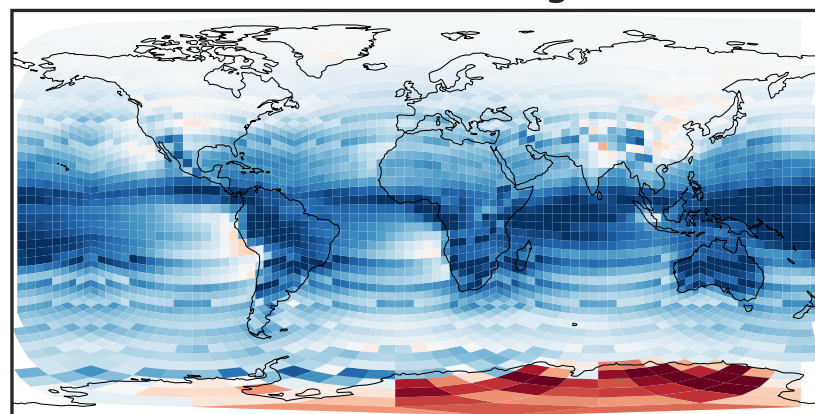
3 6 9
s-1 $1e-10$

Difference
Dev - Ref, Dynamic Range



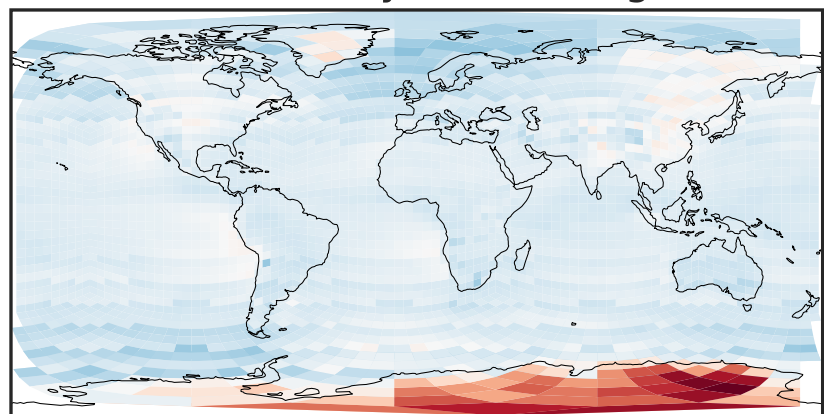
-1.5 0.0 1.5
s-1 $1e-10$

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



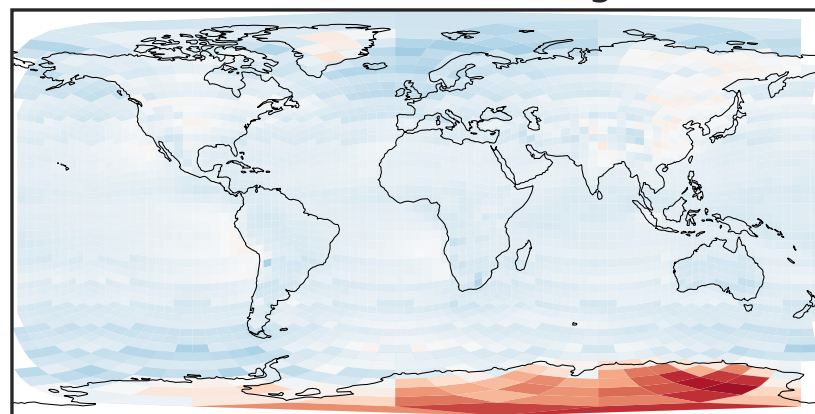
-5 0 5
s-1 $1e-11$

Ratio
Dev/Ref, Dynamic Range



0.556 0.778 1.000 1.400 1.799
unitless

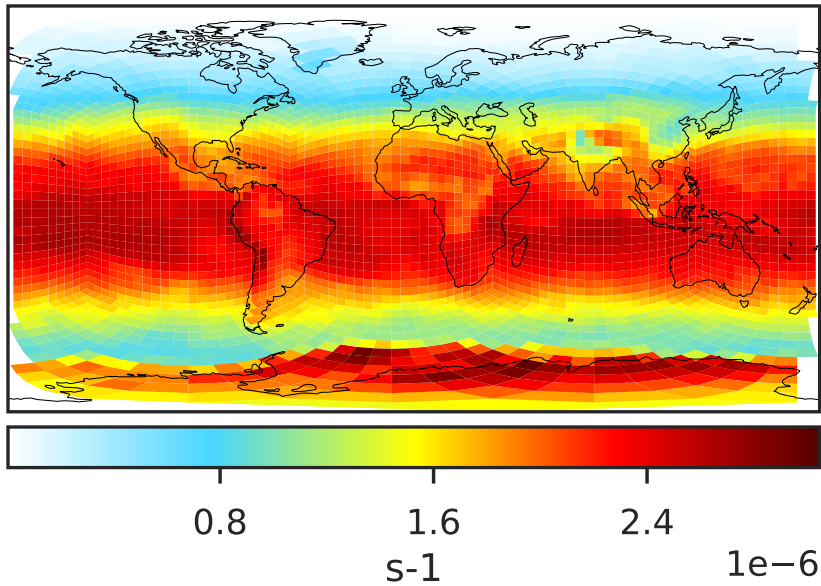
Ratio
Dev/Ref, Fixed Range



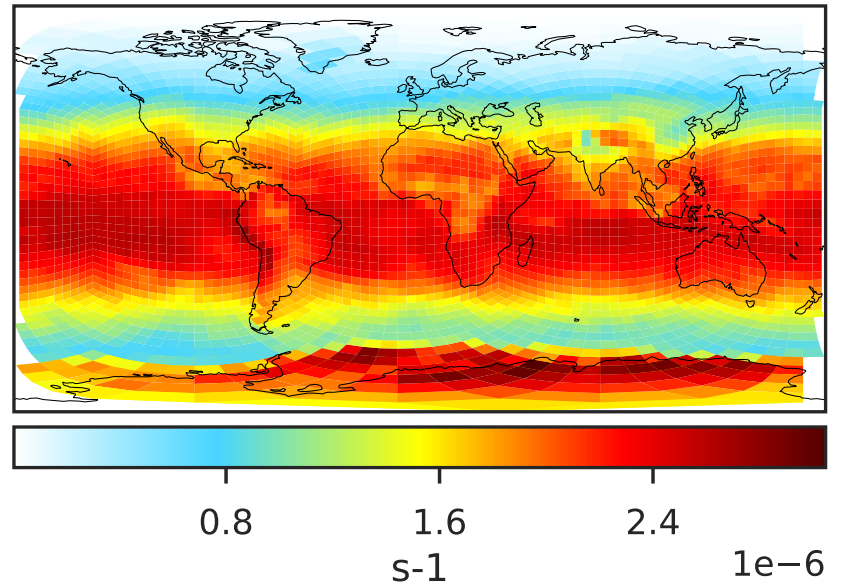
0.50 0.75 1.00 1.50 2.00
unitless

Jval_H2O2 (Oct2019)

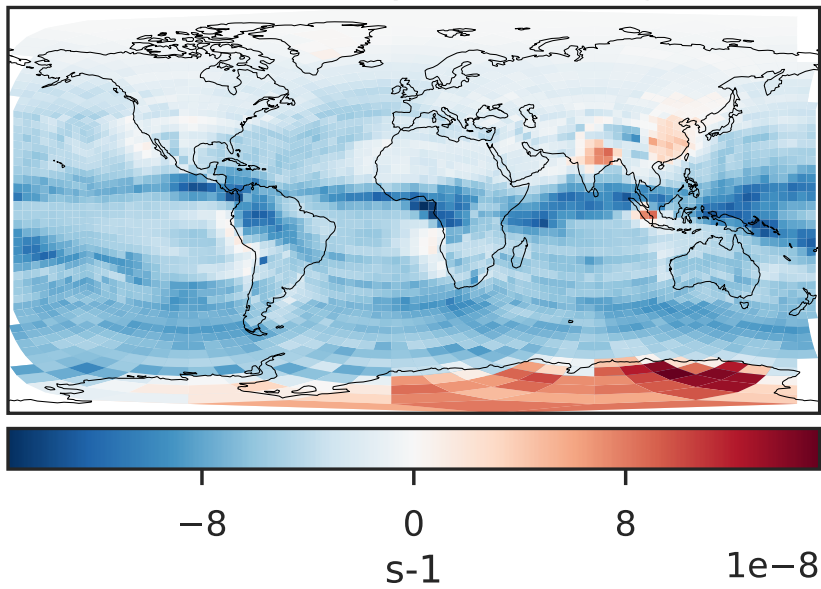
14.2.0-rc.2 (Ref)
c24



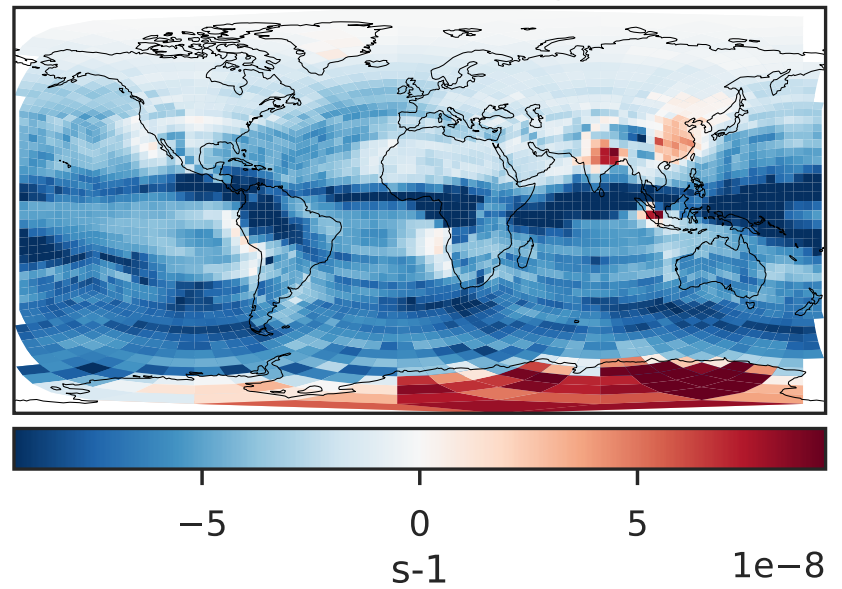
14.3.0-rc.0 (Dev)
c24



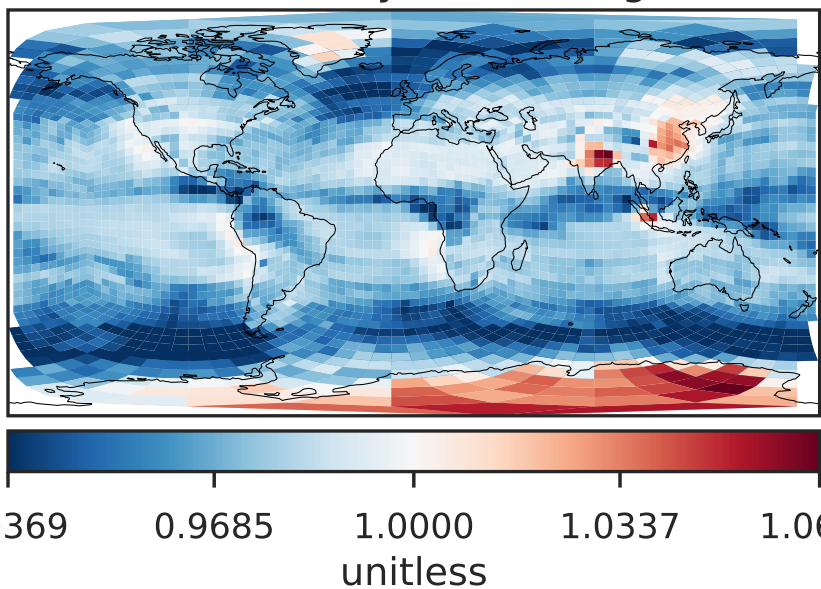
Difference
Dev - Ref, Dynamic Range



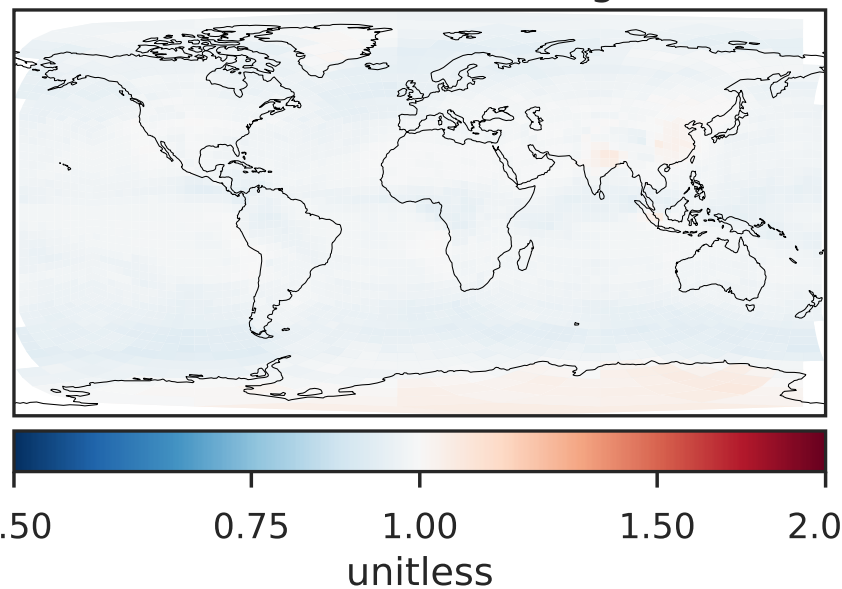
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

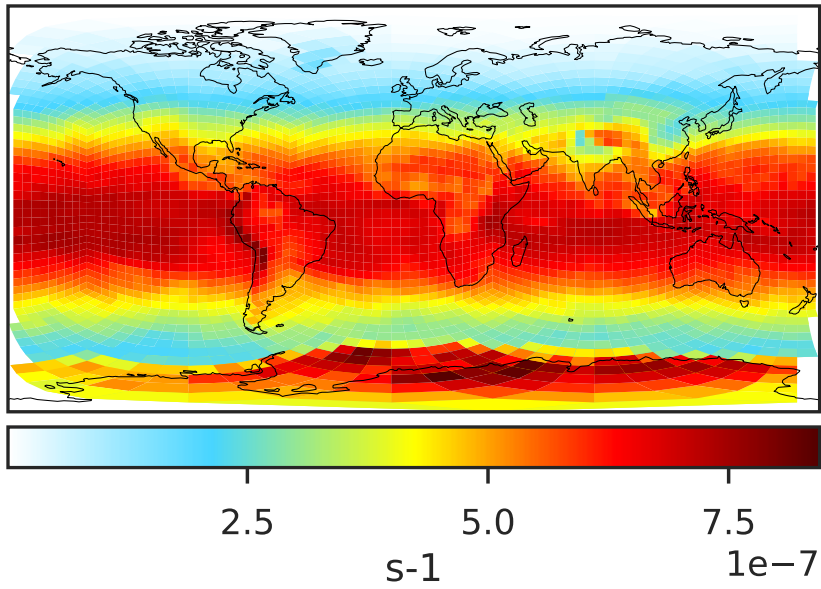


Ratio
Dev/Ref, Fixed Range

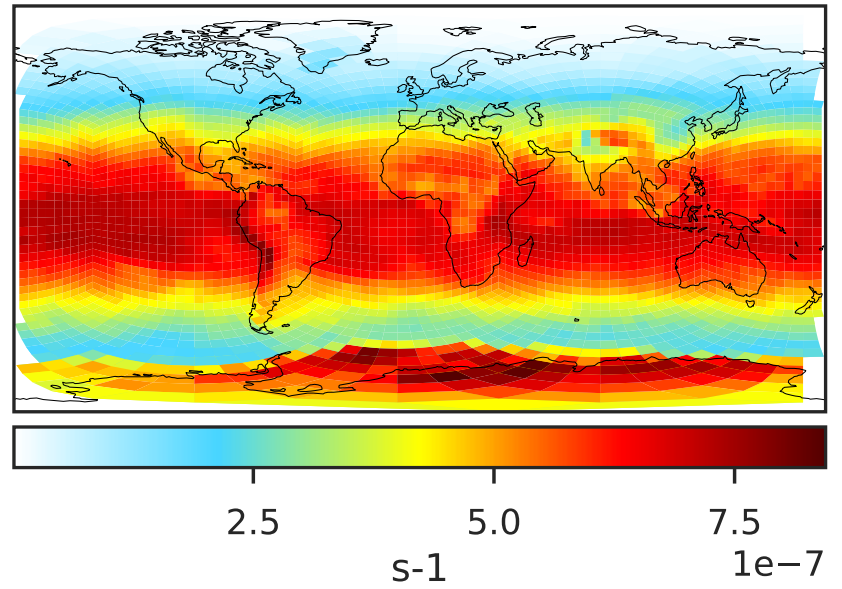


Jval_HAC (Oct2019)

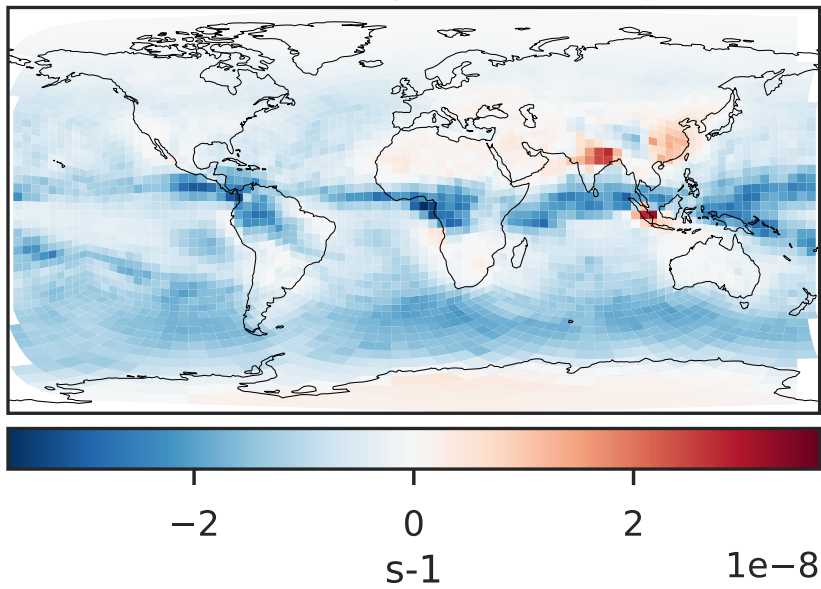
14.2.0-rc.2 (Ref)
c24



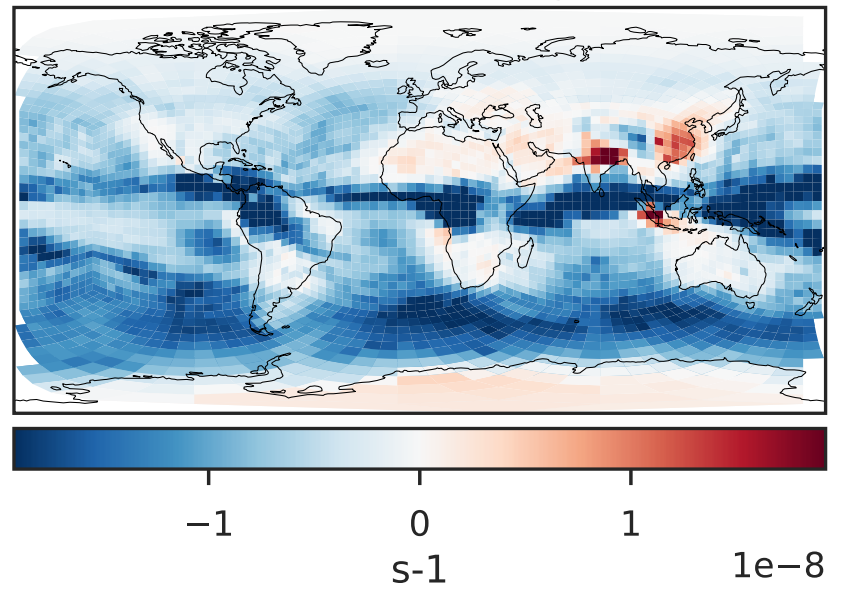
14.3.0-rc.0 (Dev)
c24



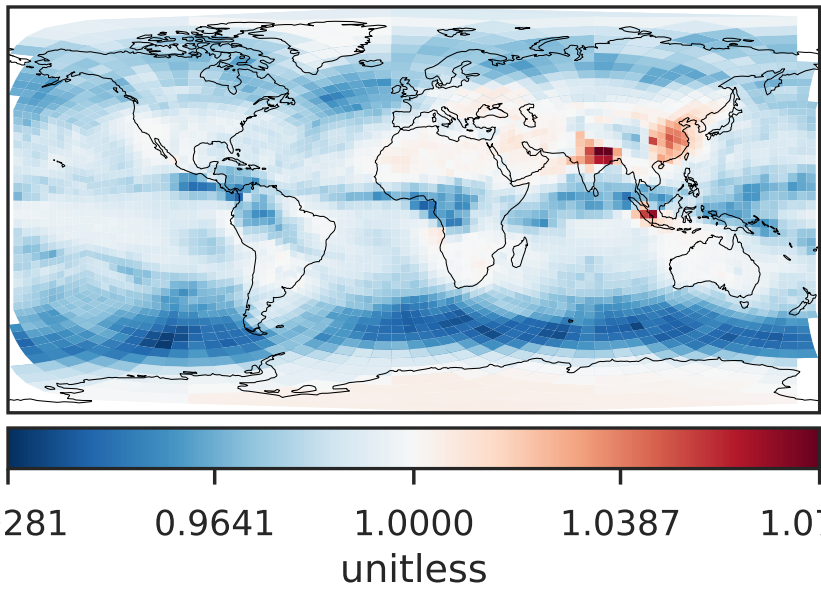
Difference
Dev - Ref, Dynamic Range



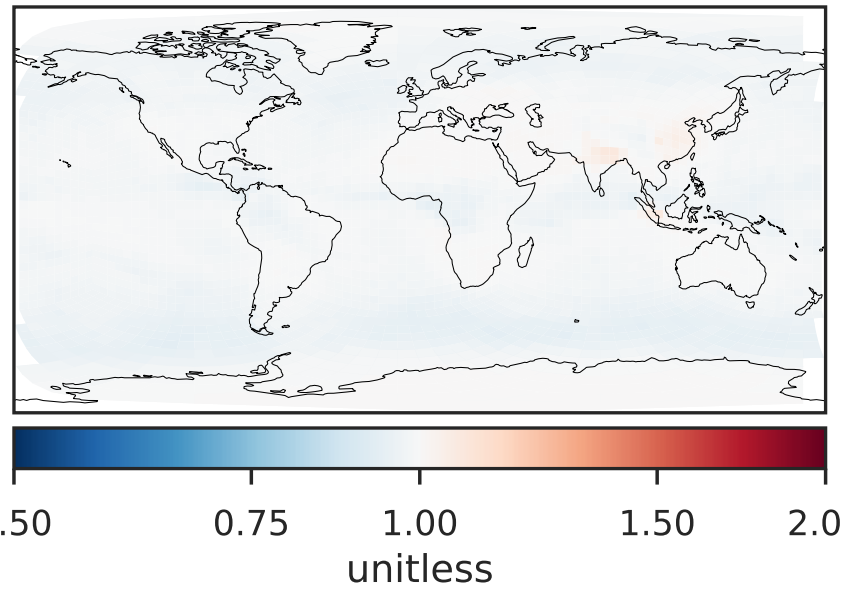
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range



Jval_HC5A (Oct2019)

14.2.0-rc.2 (Ref)
c24



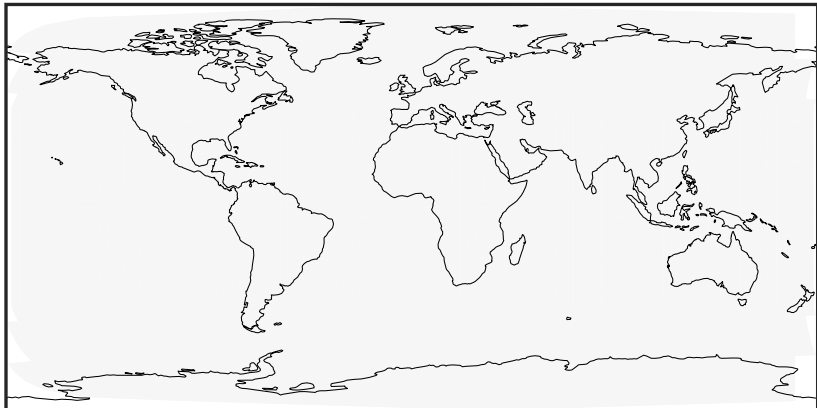
Zero throughput domain
s-1

14.3.0-rc.0 (Dev)
c24



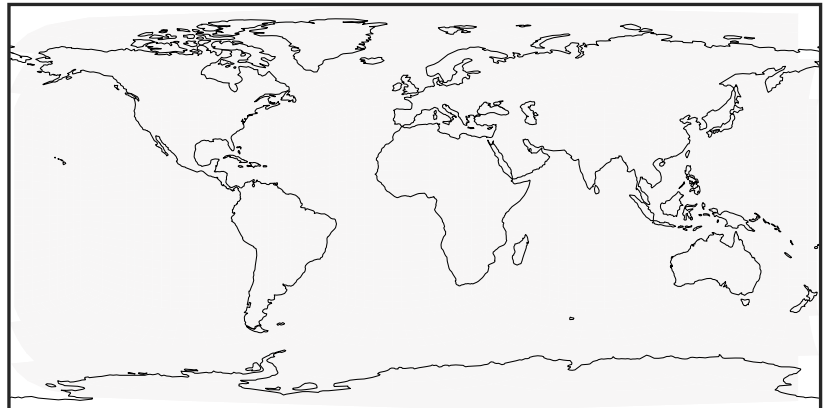
Zero throughput domain
s-1

Difference
Dev - Ref, Dynamic Range



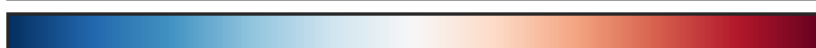
Zero throughput domain
s-1

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



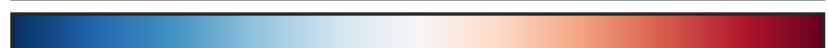
Zero throughput domain
s-1

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

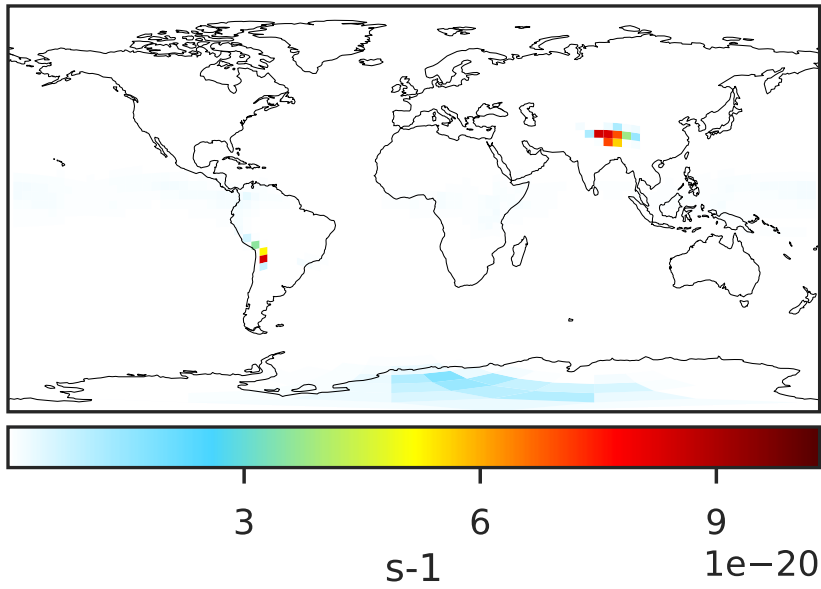
Ratio
Dev/Ref, Fixed Range



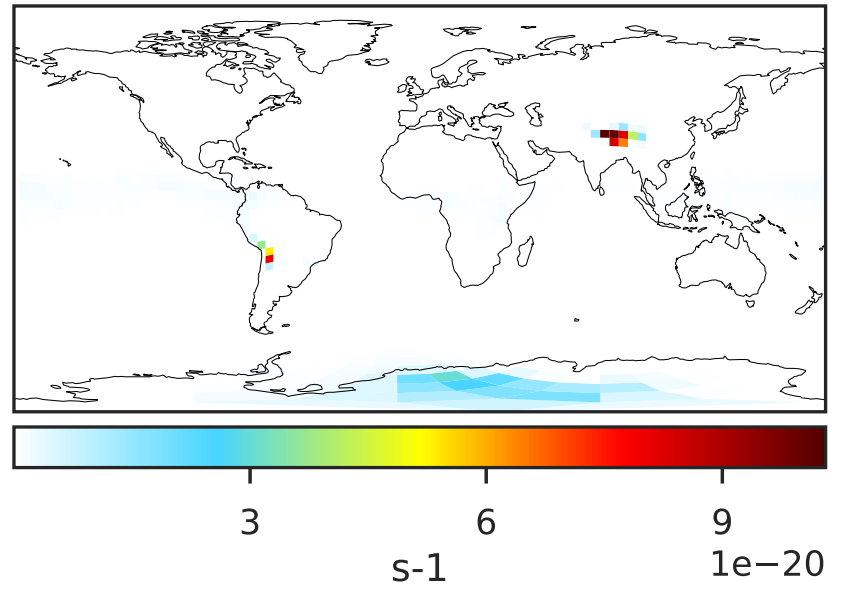
Undefined throughout domain
unitless

Jval_HCFC123 (Oct2019)

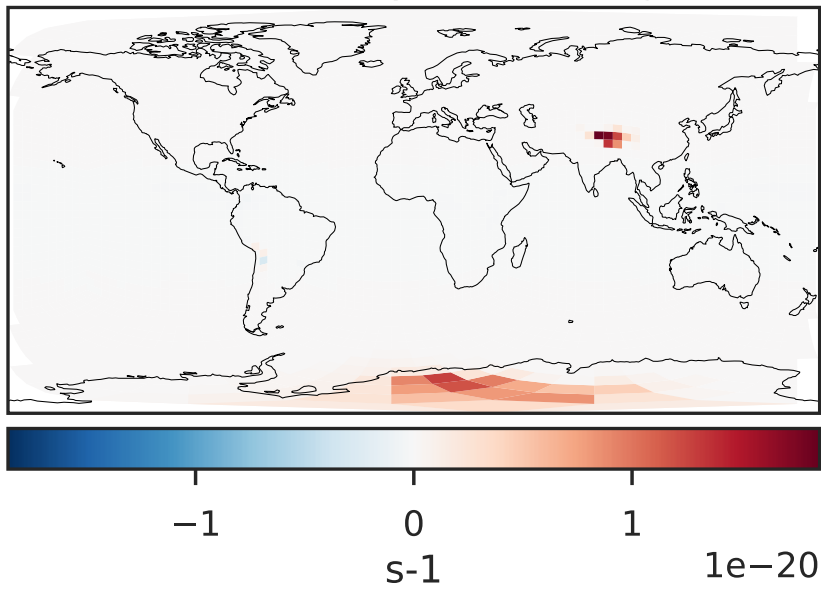
14.2.0-rc.2 (Ref)
c24



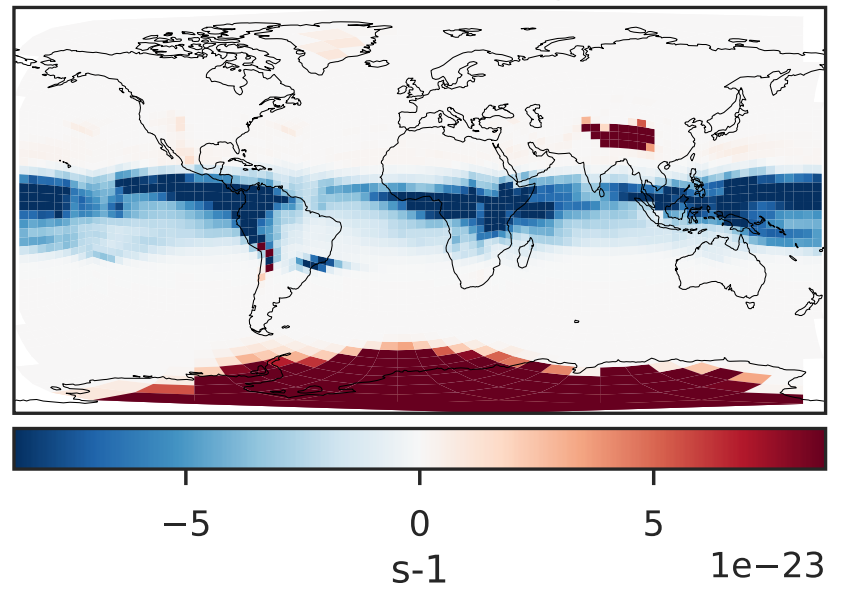
14.3.0-rc.0 (Dev)
c24



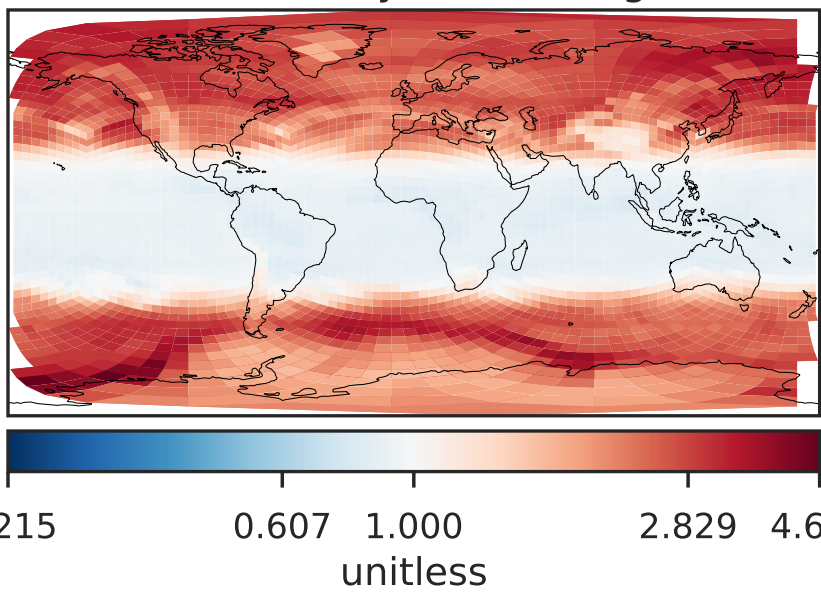
Difference
Dev - Ref, Dynamic Range



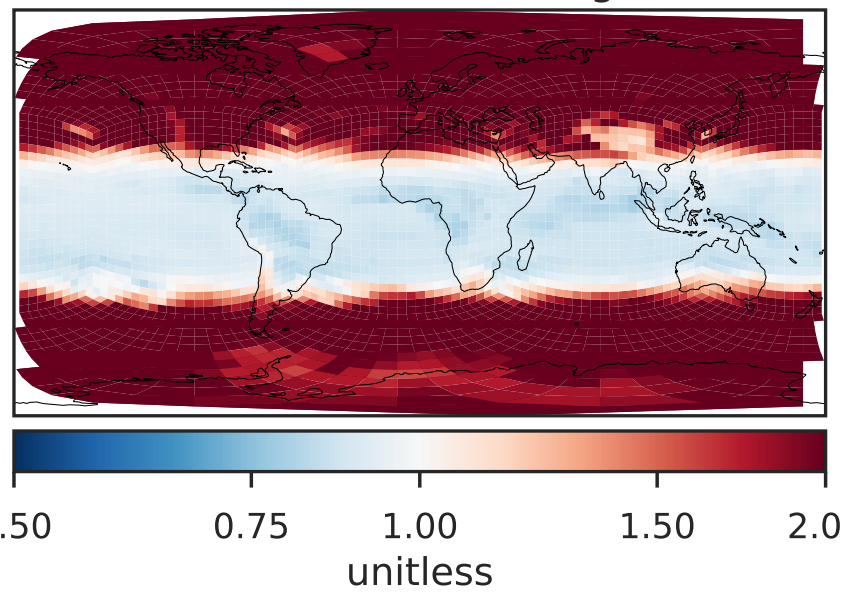
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

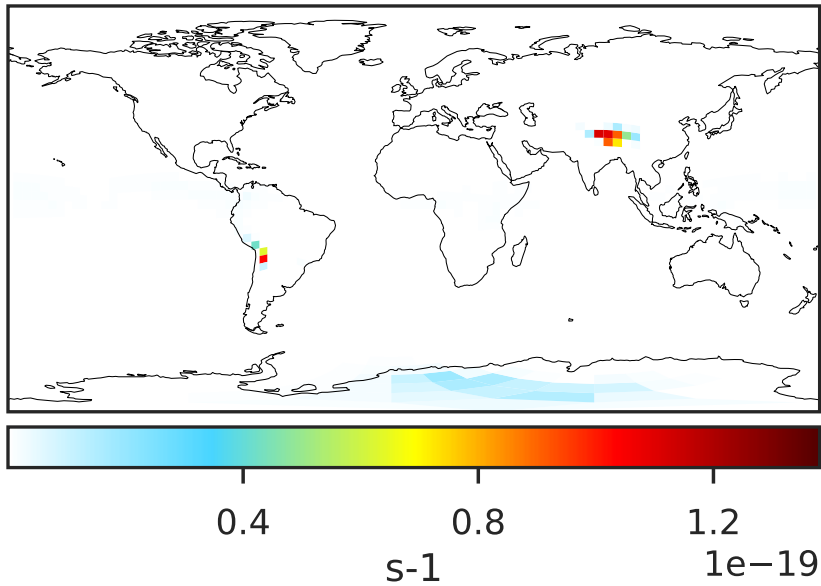


Ratio
Dev/Ref, Fixed Range

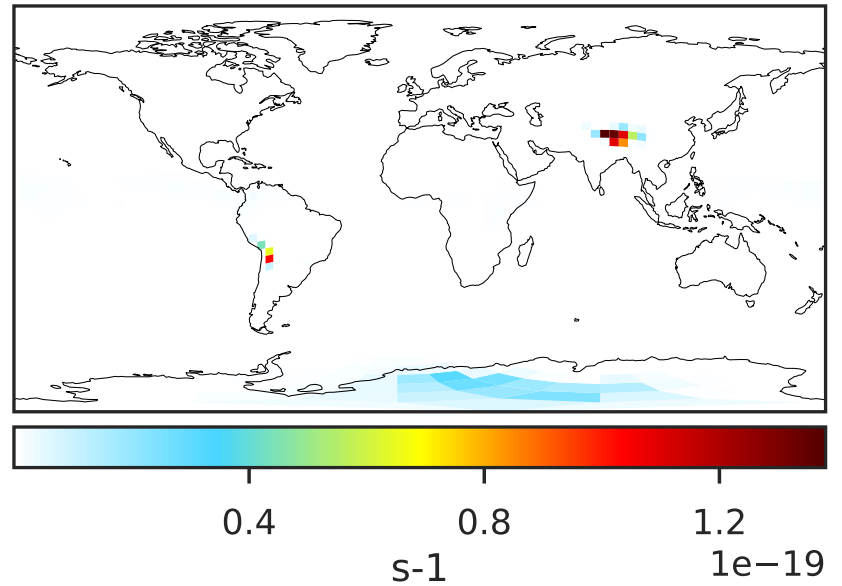


Jval_HCFC141b (Oct2019)

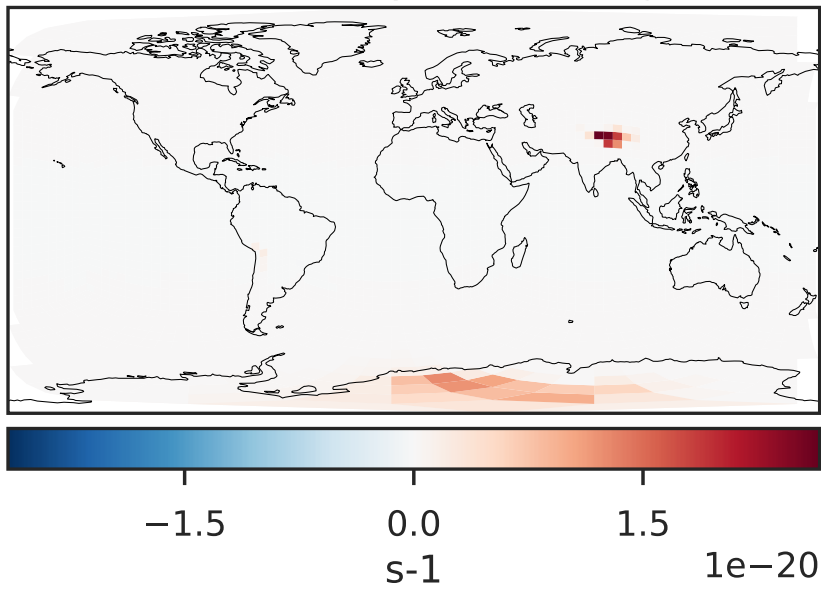
14.2.0-rc.2 (Ref)
c24



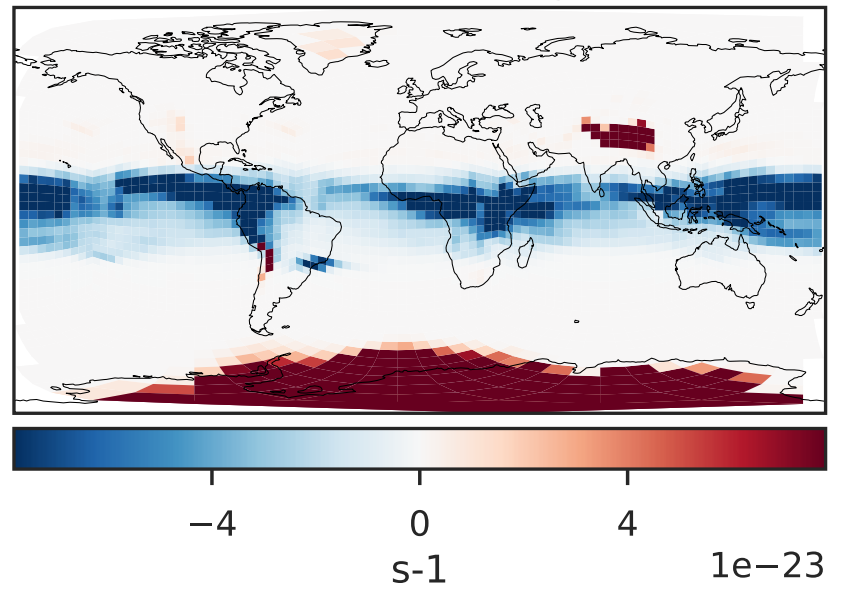
14.3.0-rc.0 (Dev)
c24



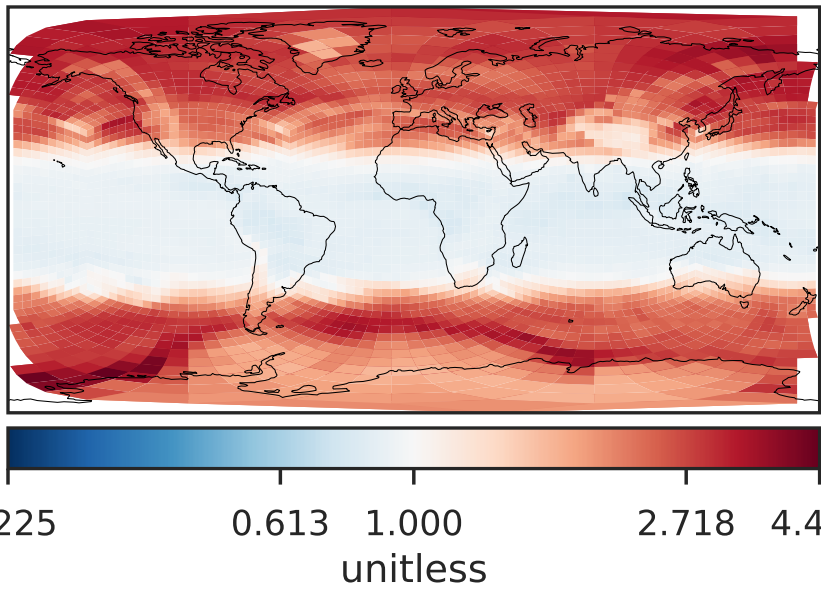
Difference
Dev - Ref, Dynamic Range



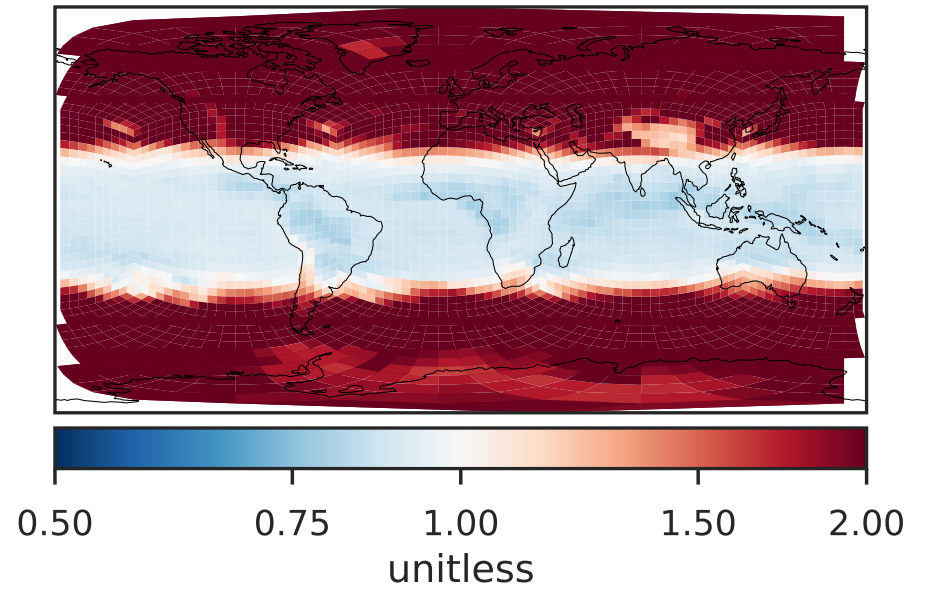
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

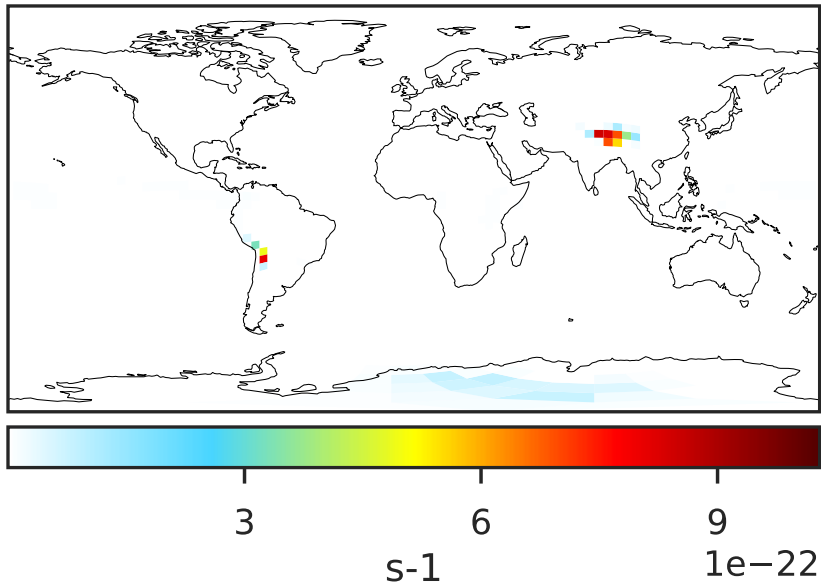


Ratio
Dev/Ref, Fixed Range

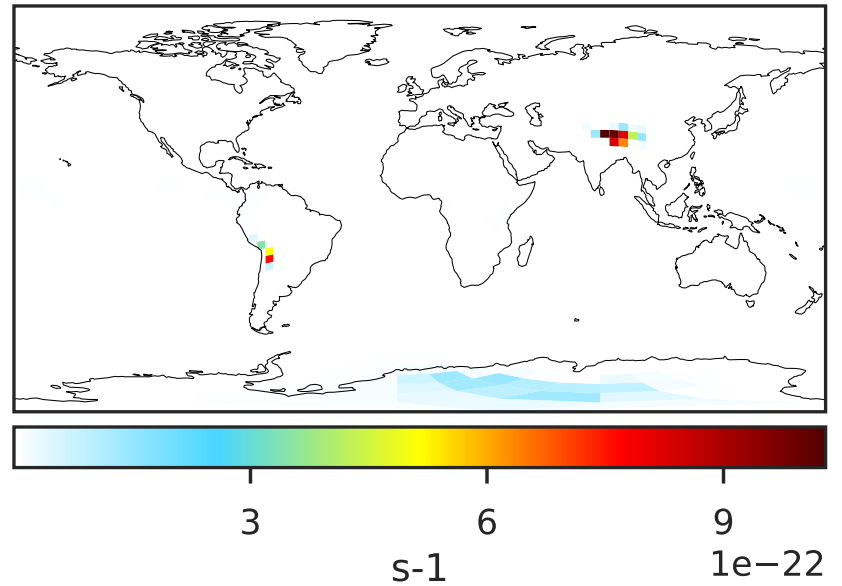


Jval_HCFC142b (Oct2019)

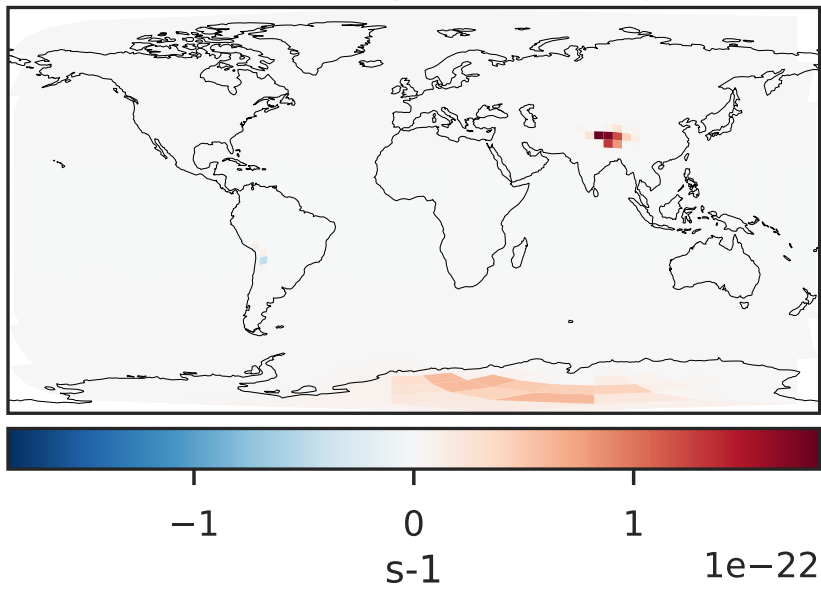
14.2.0-rc.2 (Ref)
c24



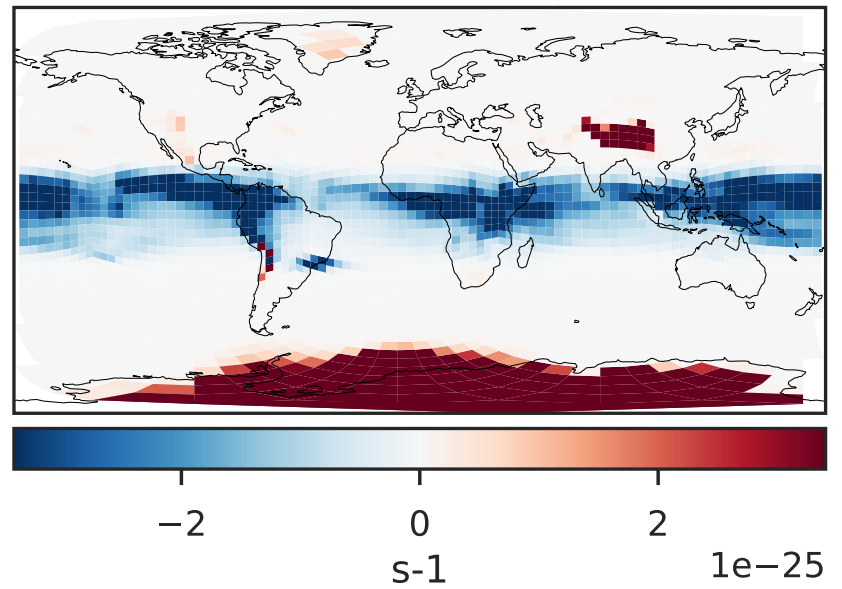
14.3.0-rc.0 (Dev)
c24



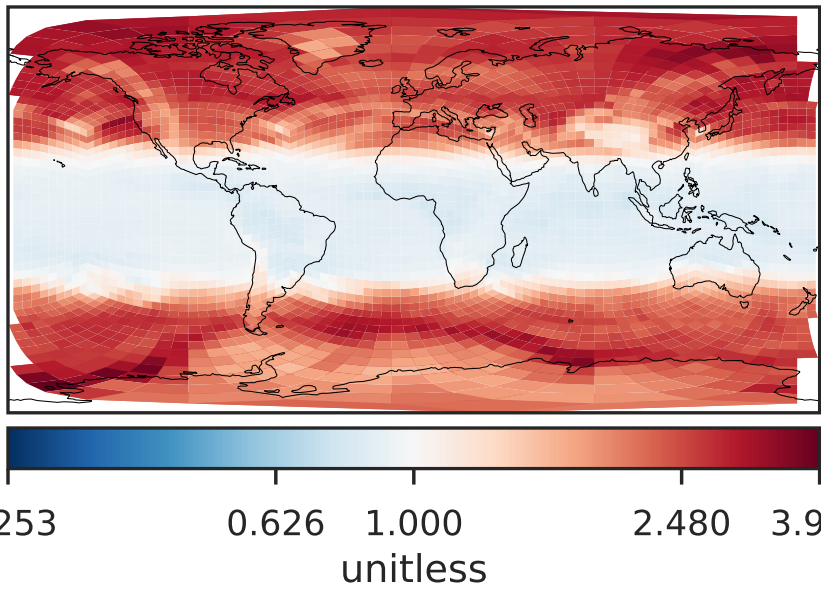
Difference
Dev - Ref, Dynamic Range



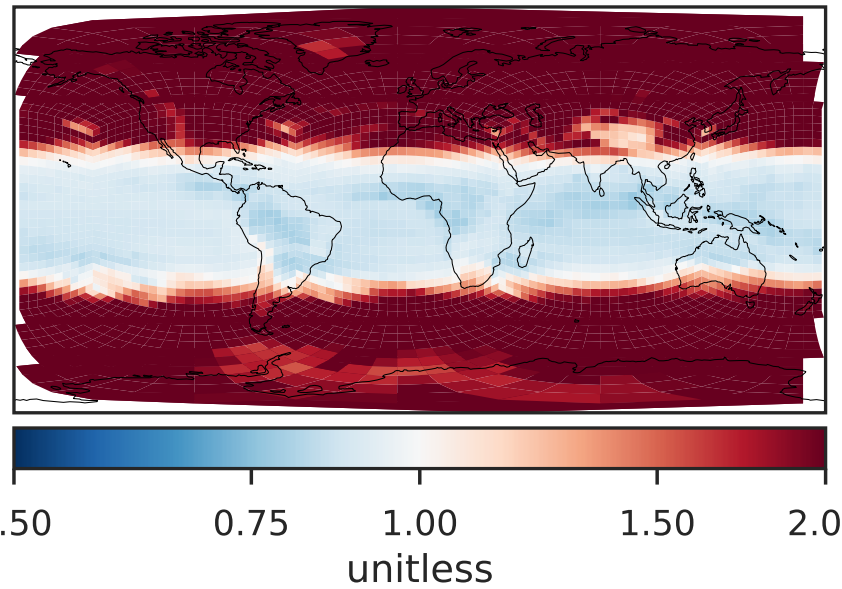
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

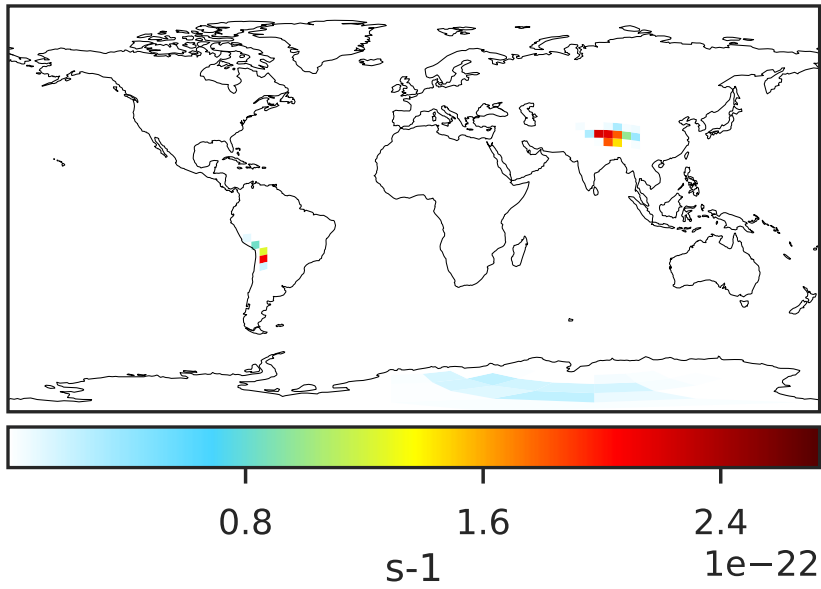


Ratio
Dev/Ref, Fixed Range

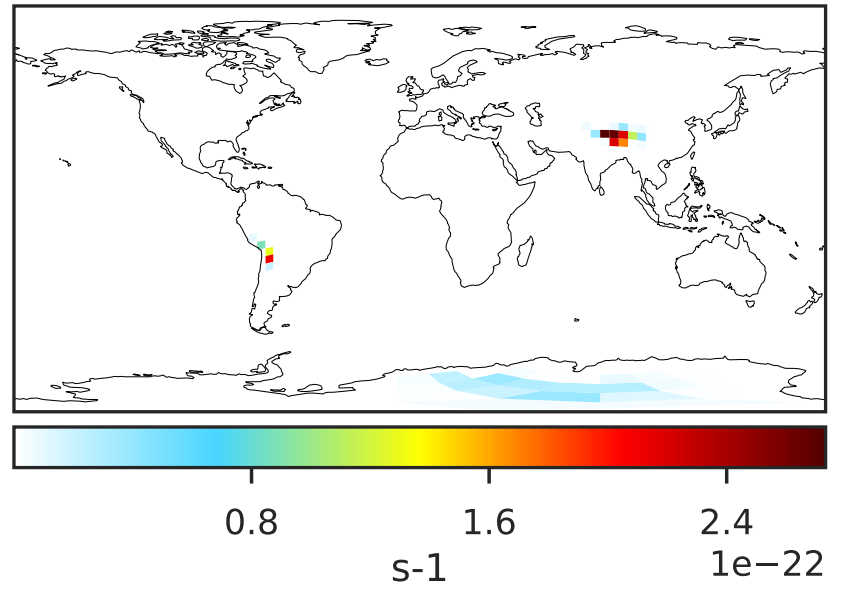


Jval_HCFC22 (Oct2019)

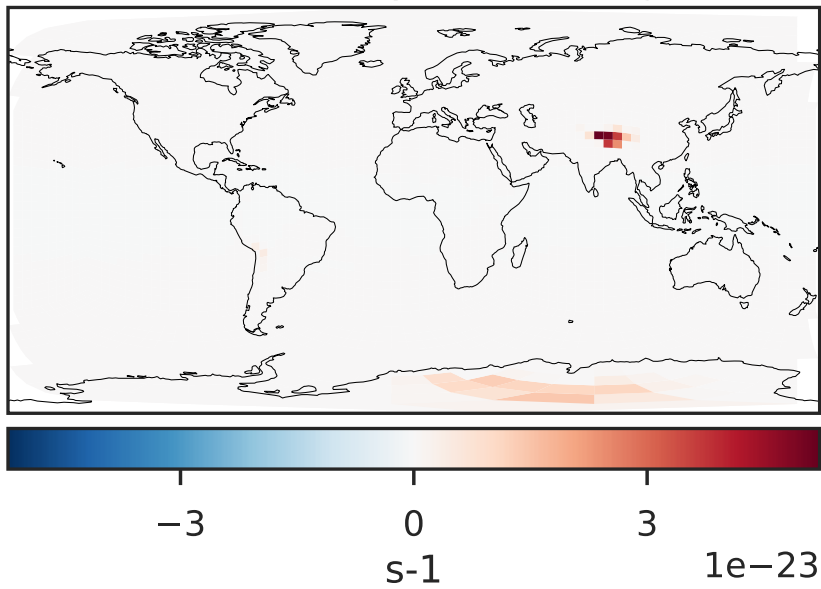
14.2.0-rc.2 (Ref)
c24



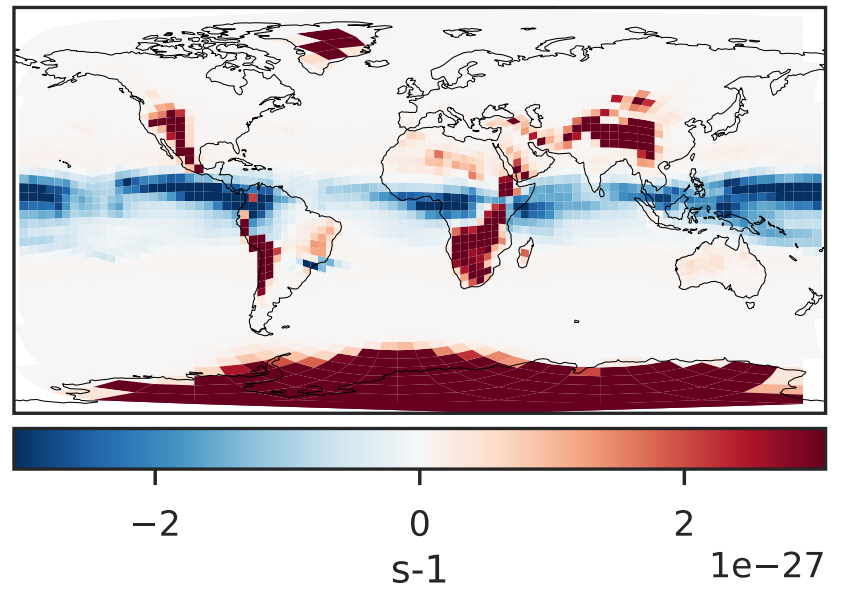
14.3.0-rc.0 (Dev)
c24



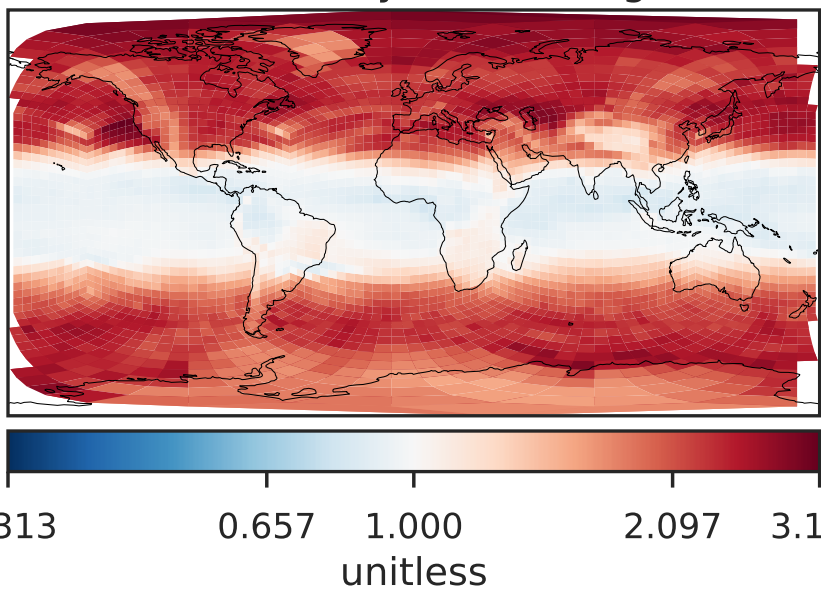
Difference
Dev - Ref, Dynamic Range



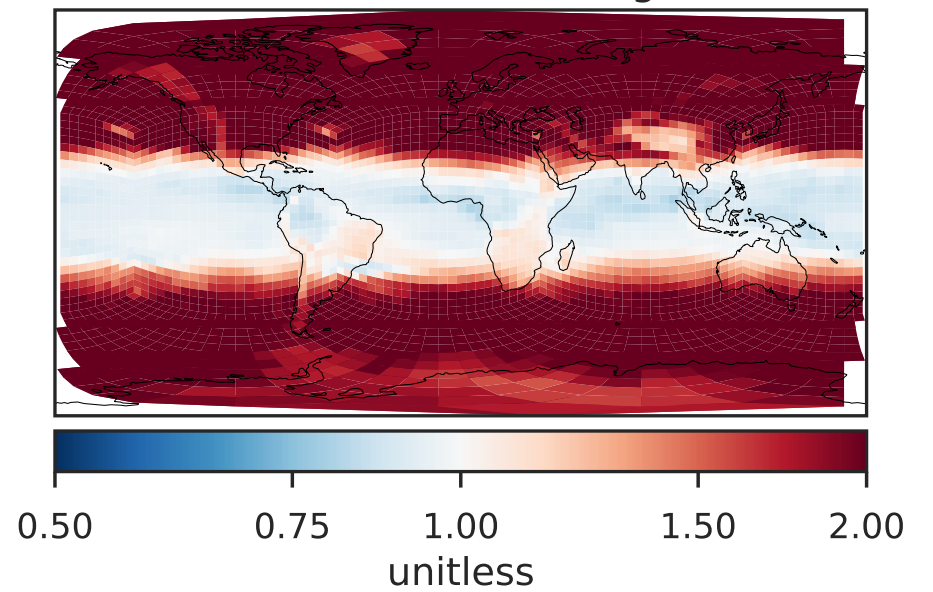
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

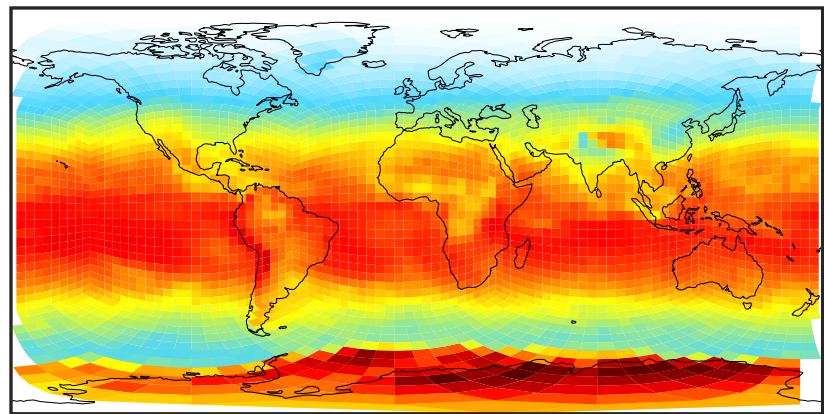


Ratio
Dev/Ref, Fixed Range



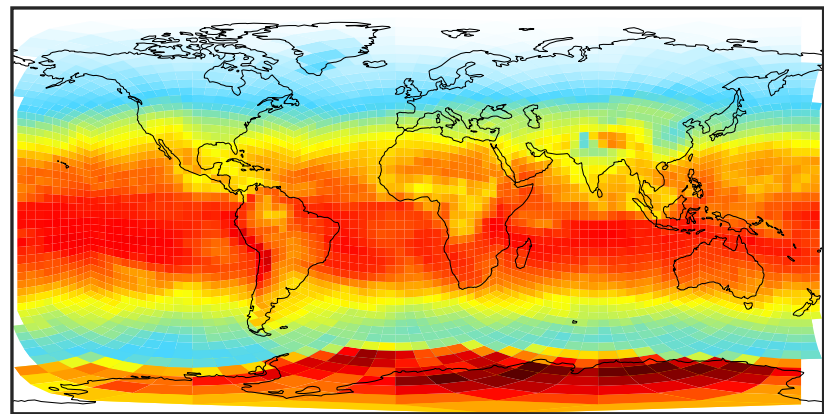
Jval_HMHP (Oct2019)

14.2.0-rc.2 (Ref)
c24



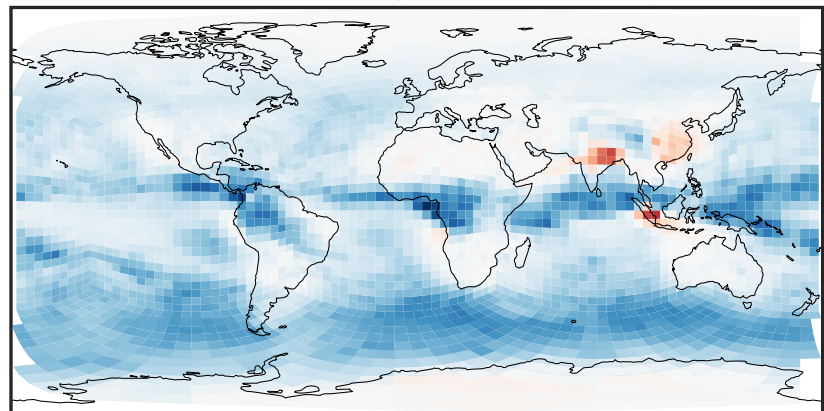
0.5 1.0 1.5
s-1 1e-6

14.3.0-rc.0 (Dev)
c24



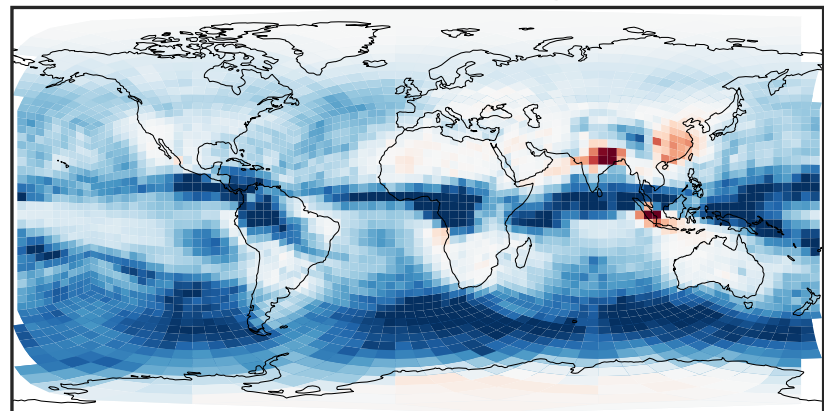
0.5 1.0 1.5
s-1 1e-6

Difference
Dev - Ref, Dynamic Range



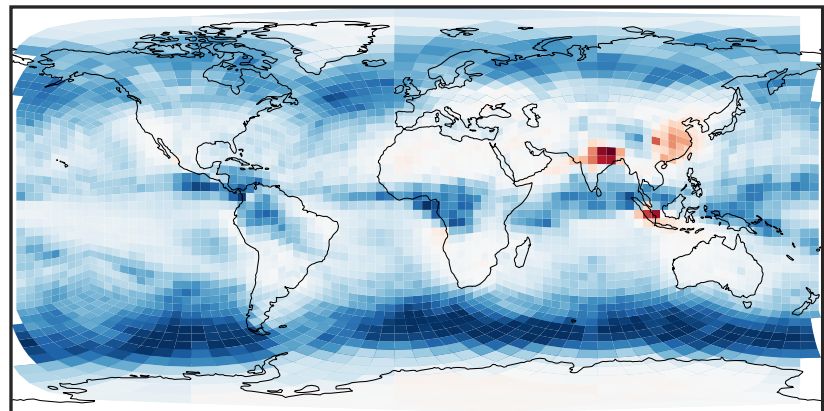
-4 0 4
s-1 1e-8

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



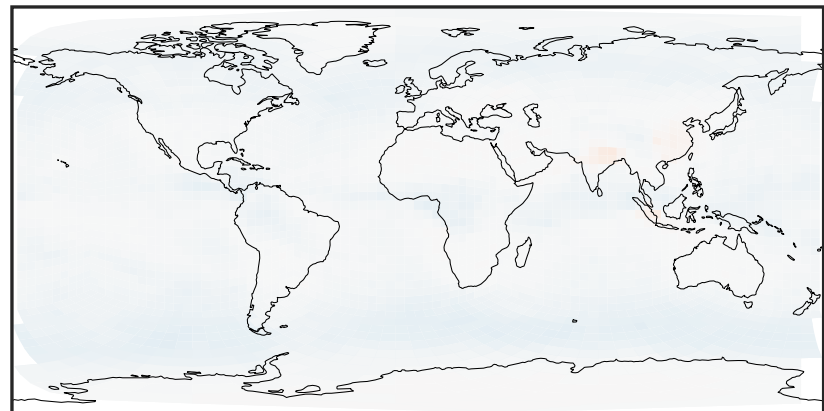
-2.5 0.0 2.5
s-1 1e-8

Ratio
Dev/Ref, Dynamic Range



0.9405 0.9703 1.0000 1.0316 1.0632
unitless

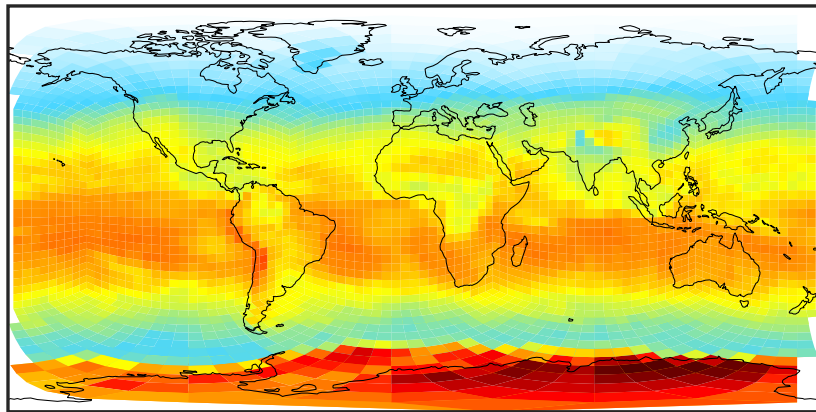
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

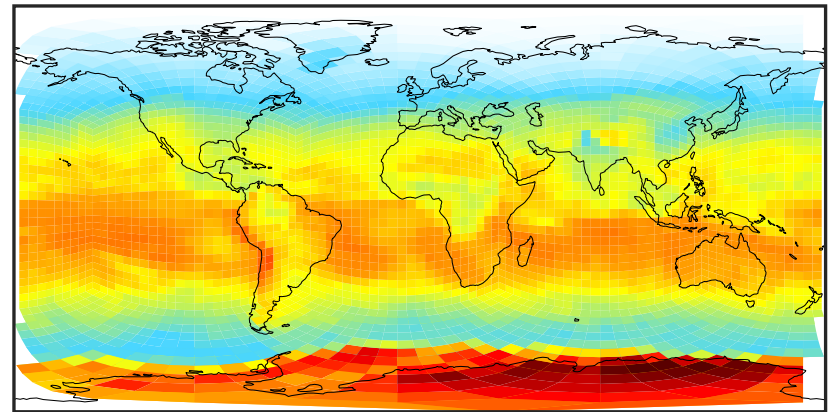
Jval_HNO2 (Oct2019)

14.2.0-rc.2 (Ref)
c24



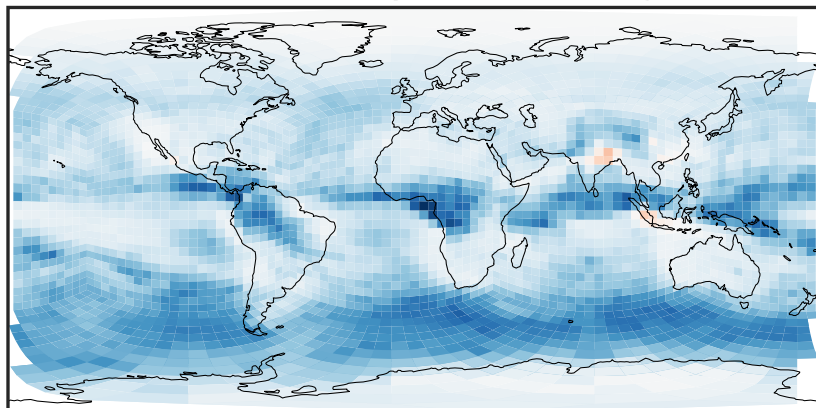
0.00025 0.00050 0.00075
s-1

14.3.0-rc.0 (Dev)
c24



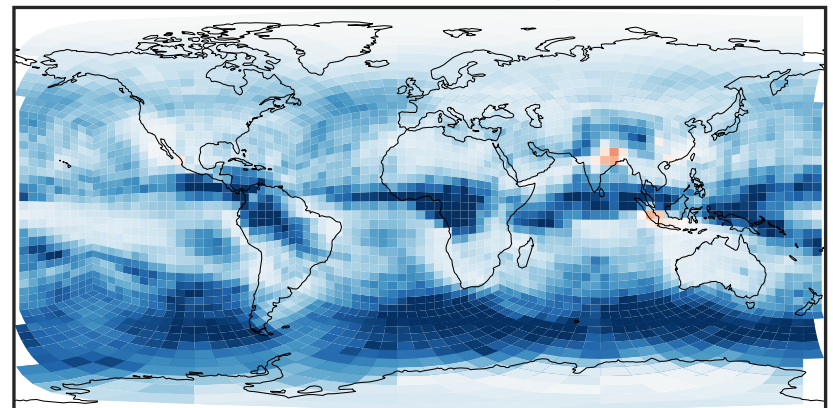
0.00025 0.00050 0.00075
s-1

Difference
Dev - Ref, Dynamic Range



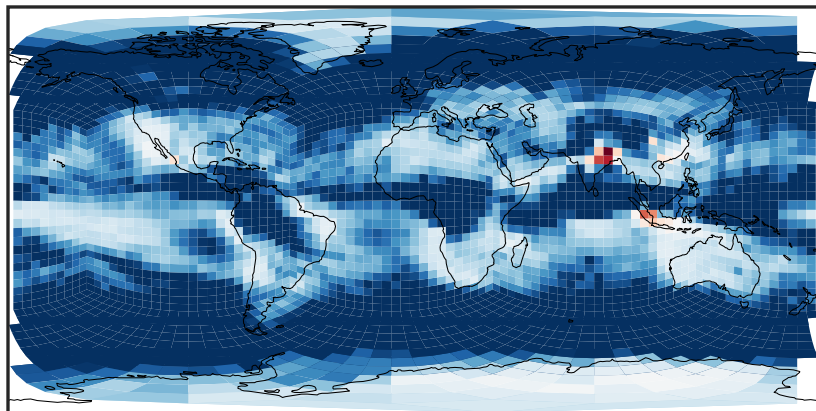
-1.5 0.0 1.5
s-1 $1e-5$

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



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

Ratio
Dev/Ref, Dynamic Range



0.97539 0.98770 1.00000 1.01261 1.02523
unitless

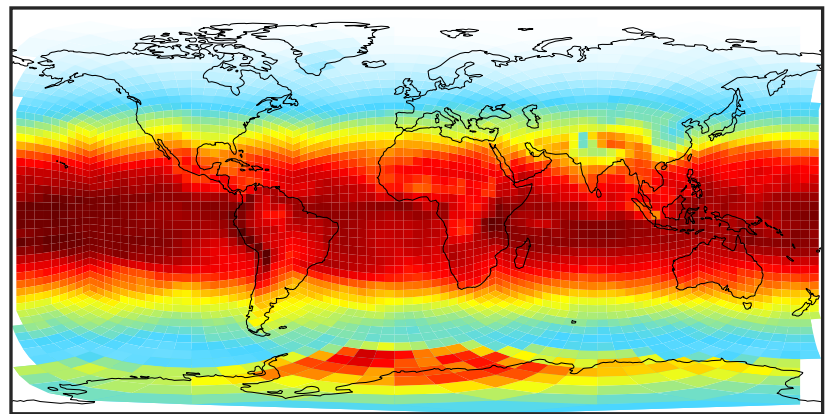
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

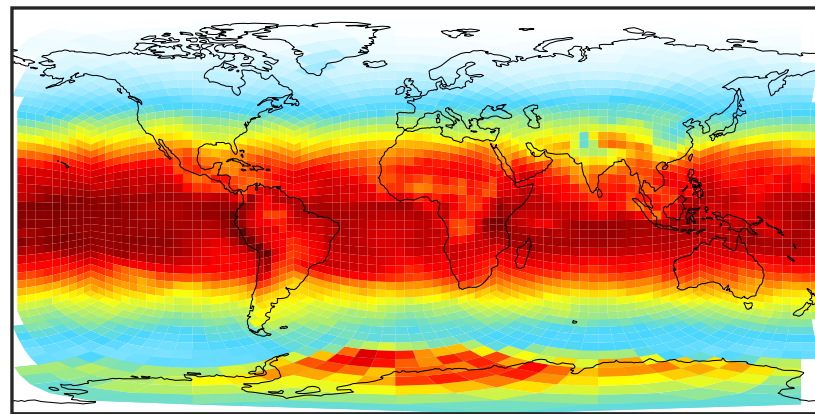
Jval_HNO3 (Oct2019)

14.2.0-rc.2 (Ref)
c24



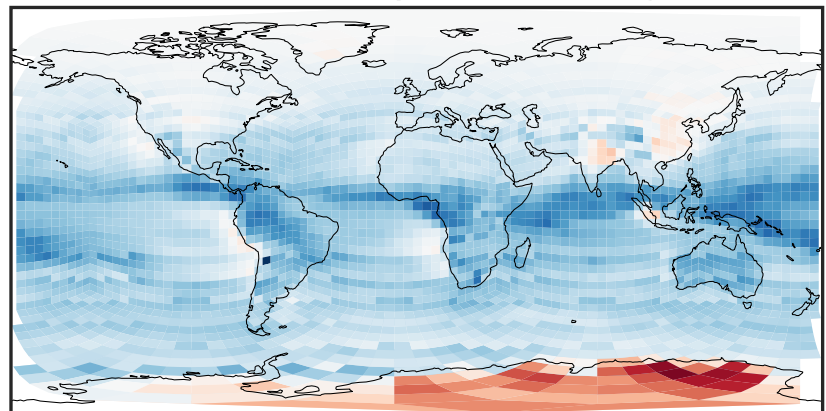
0.8 1.6 2.4
s-1 1e-7

14.3.0-rc.0 (Dev)
c24



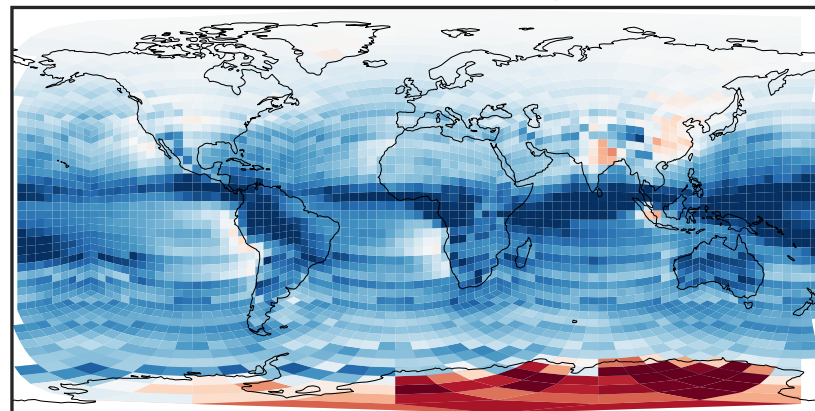
0.8 1.6 2.4
s-1 1e-7

Difference
Dev - Ref, Dynamic Range



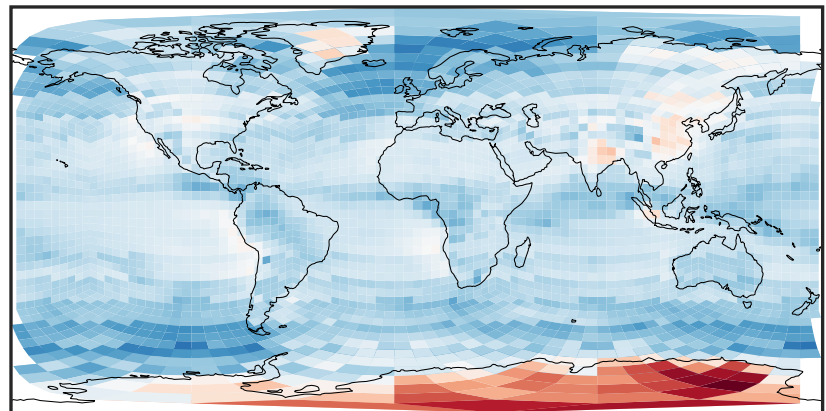
-1 0 1
s-1 1e-8

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



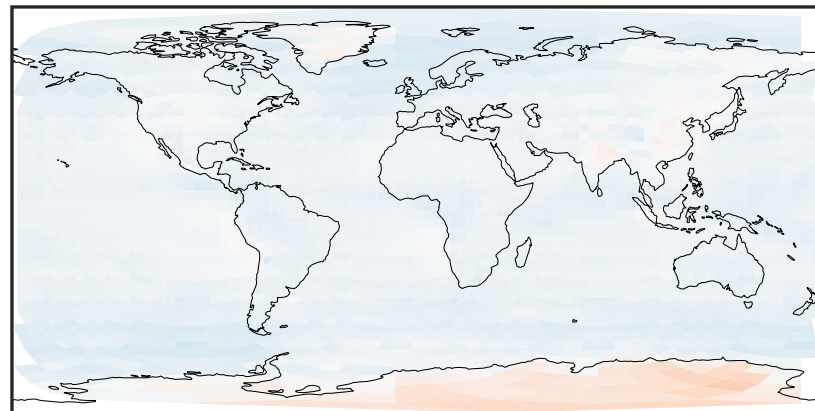
-6 0 6
s-1 1e-9

Ratio
Dev/Ref, Dynamic Range



0.8466 0.9233 1.0000 1.0906 1.1812
unitless

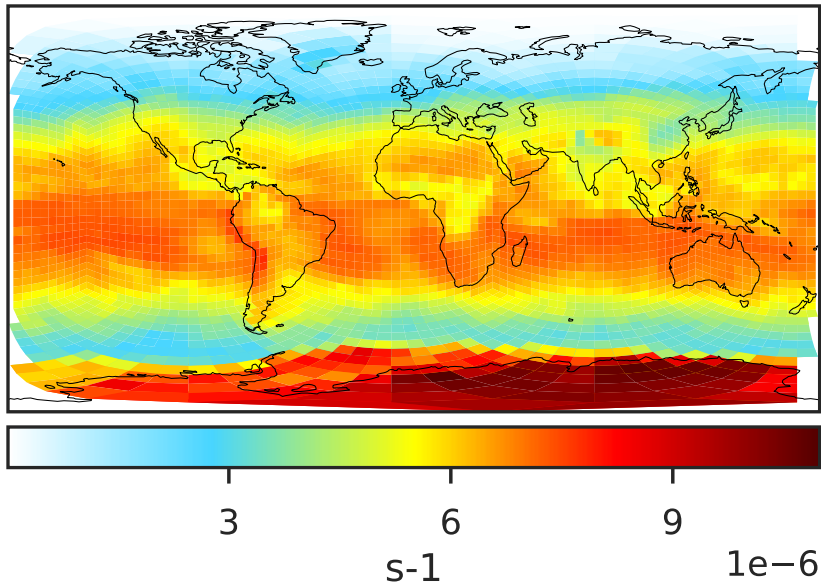
Ratio
Dev/Ref, Fixed Range



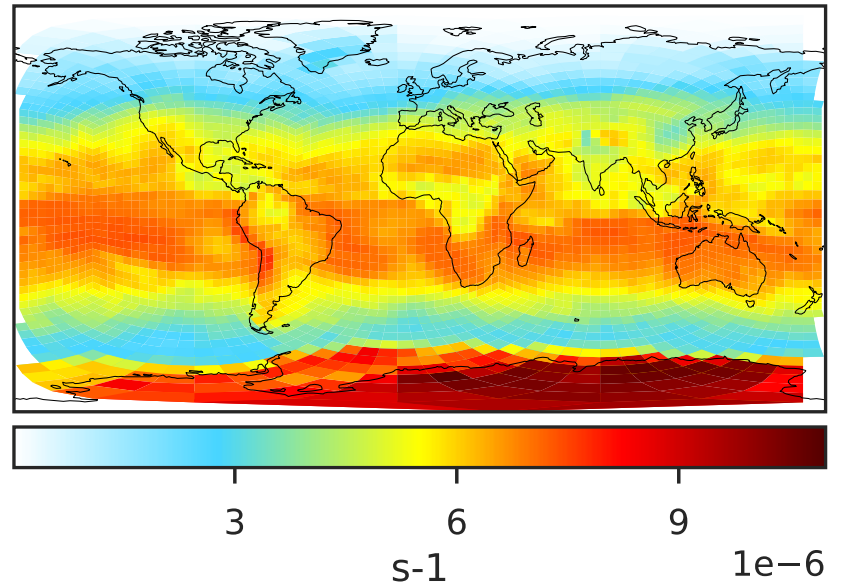
0.50 0.75 1.00 1.50 2.00
unitless

Jval_HNO4 (Oct2019)

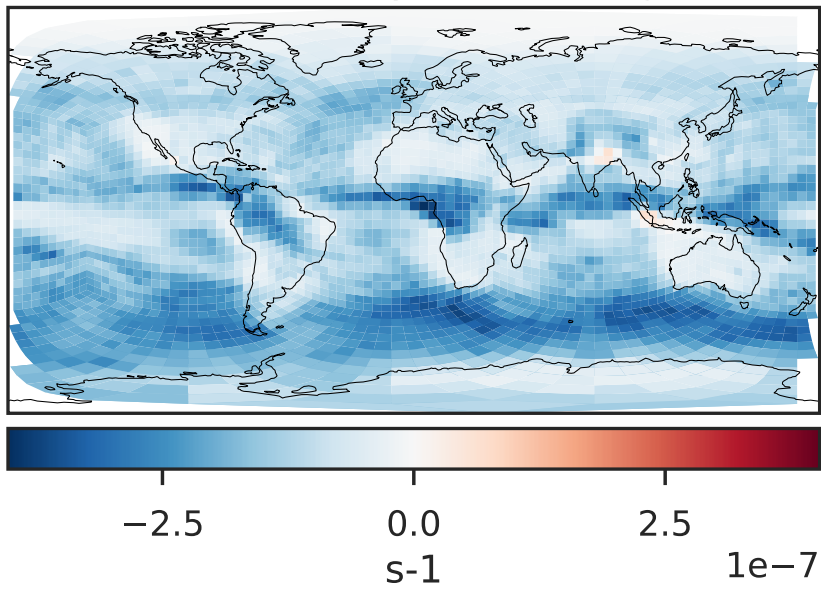
14.2.0-rc.2 (Ref)
c24



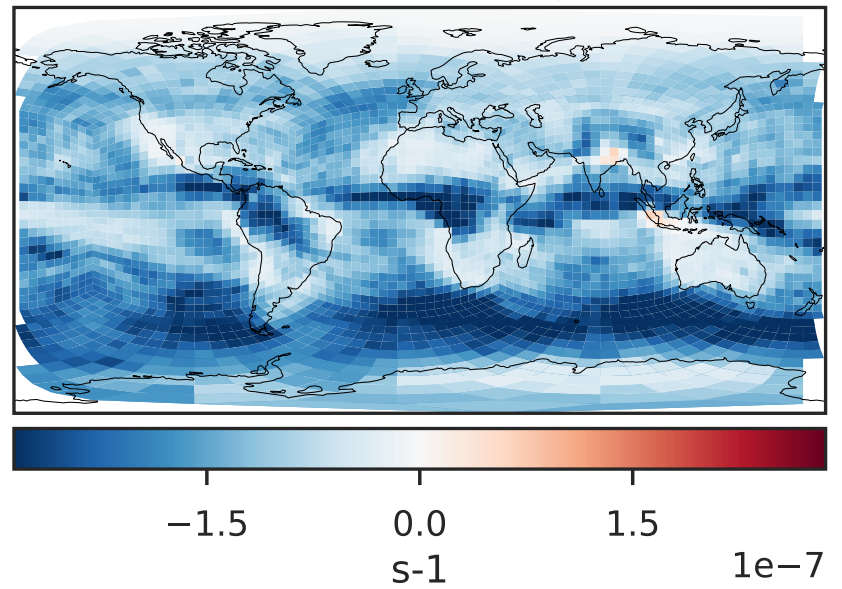
14.3.0-rc.0 (Dev)
c24



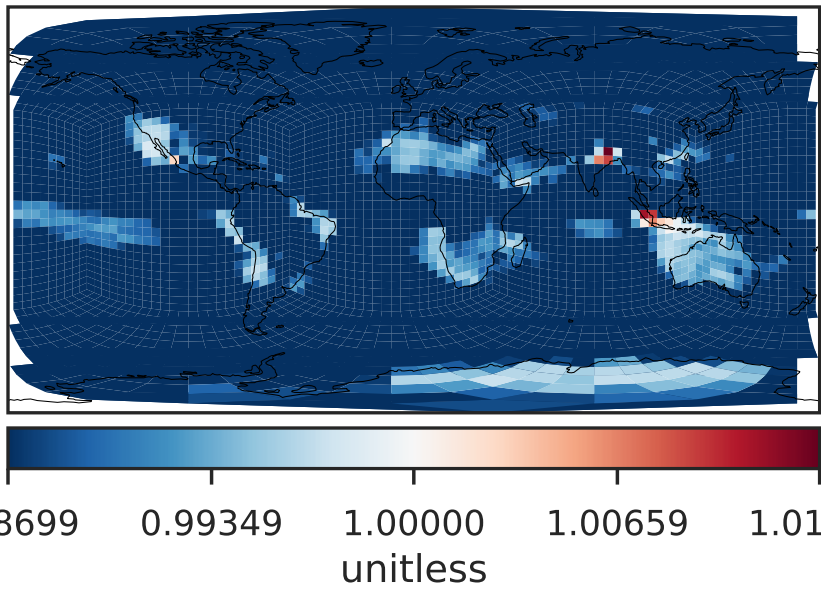
Difference
Dev - Ref, Dynamic Range



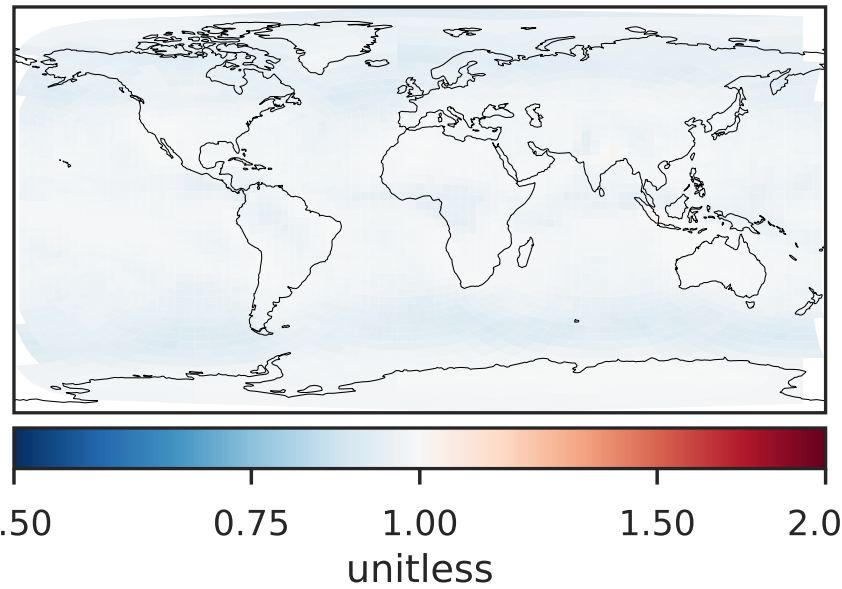
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

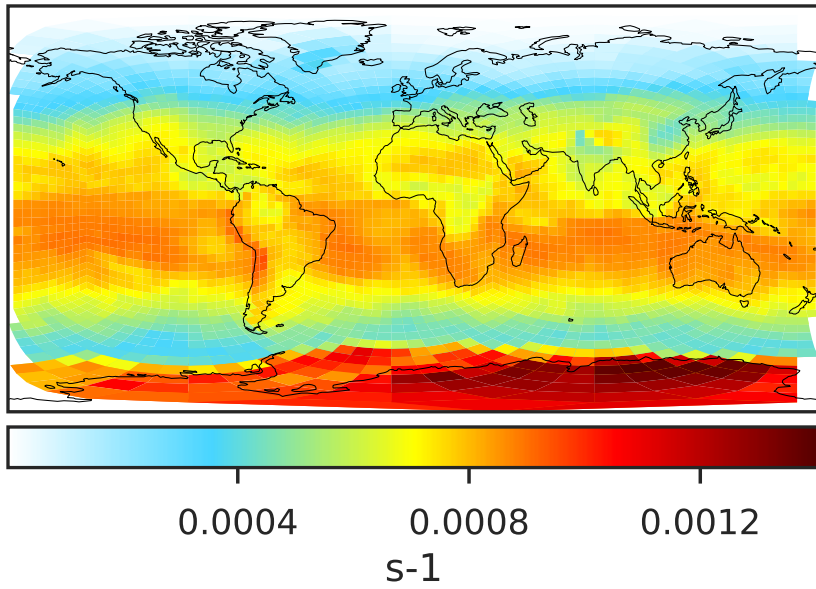


Ratio
Dev/Ref, Fixed Range

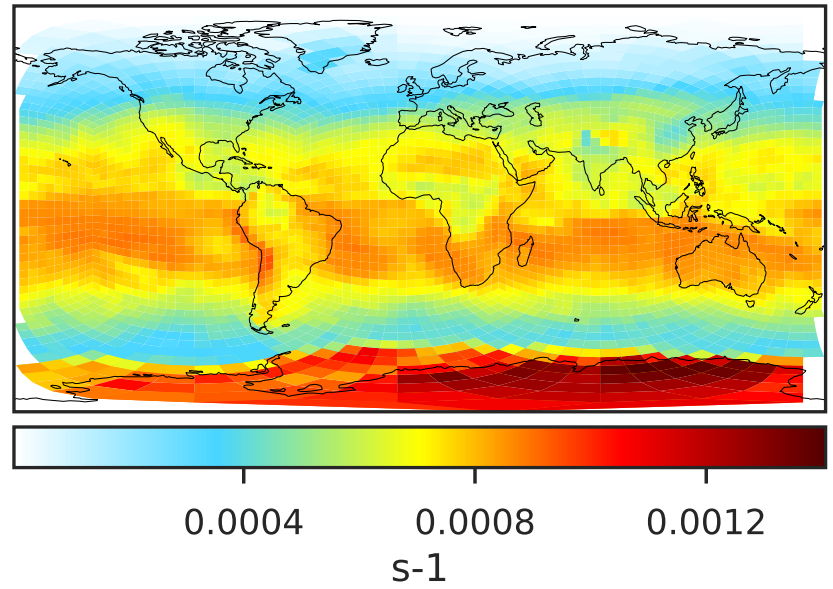


Jval_HOBr (Oct2019)

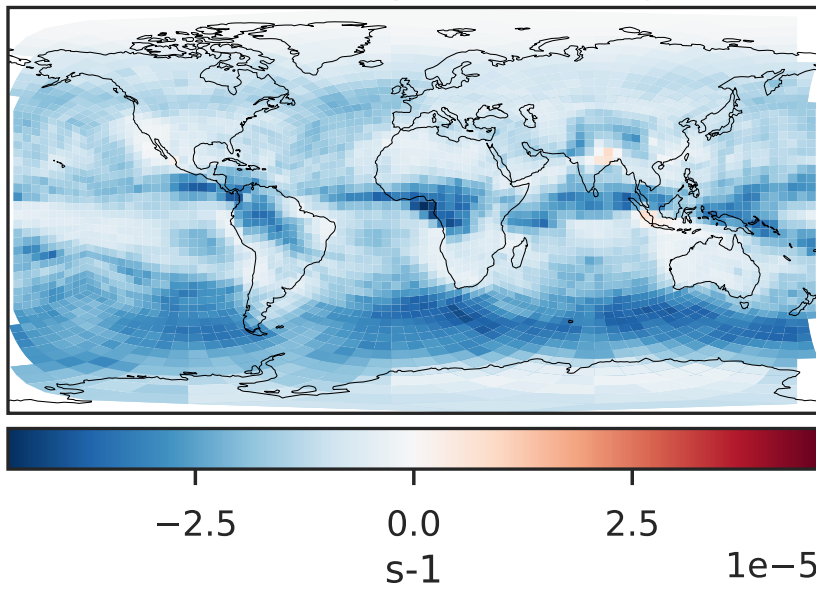
14.2.0-rc.2 (Ref)
c24



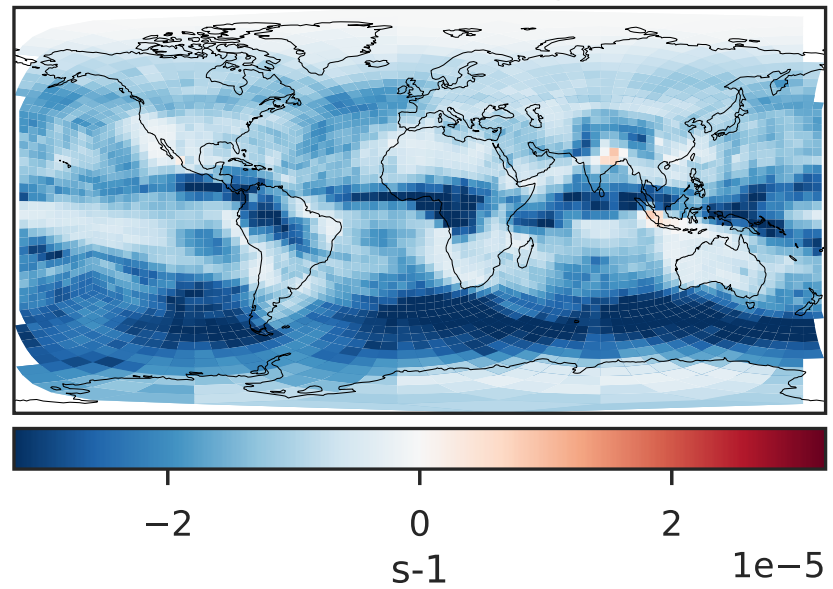
14.3.0-rc.0 (Dev)
c24



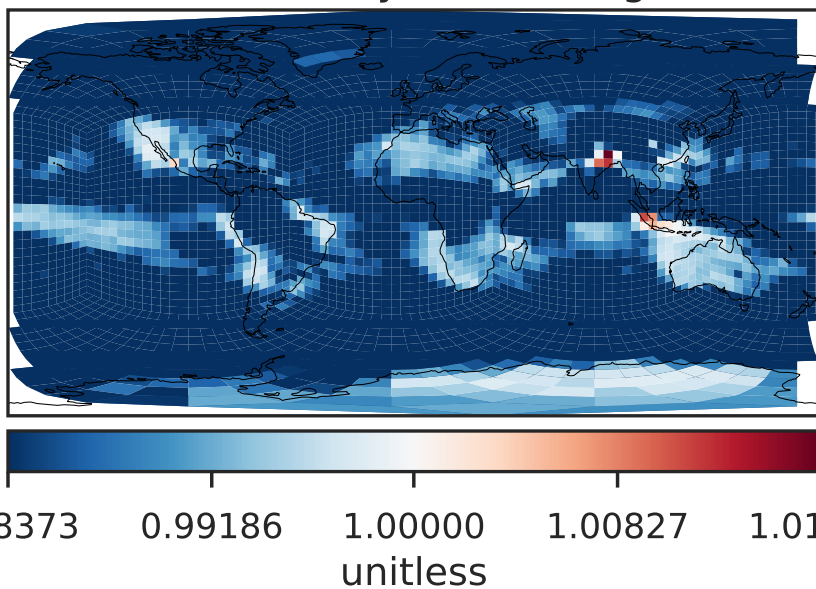
Difference
Dev - Ref, Dynamic Range



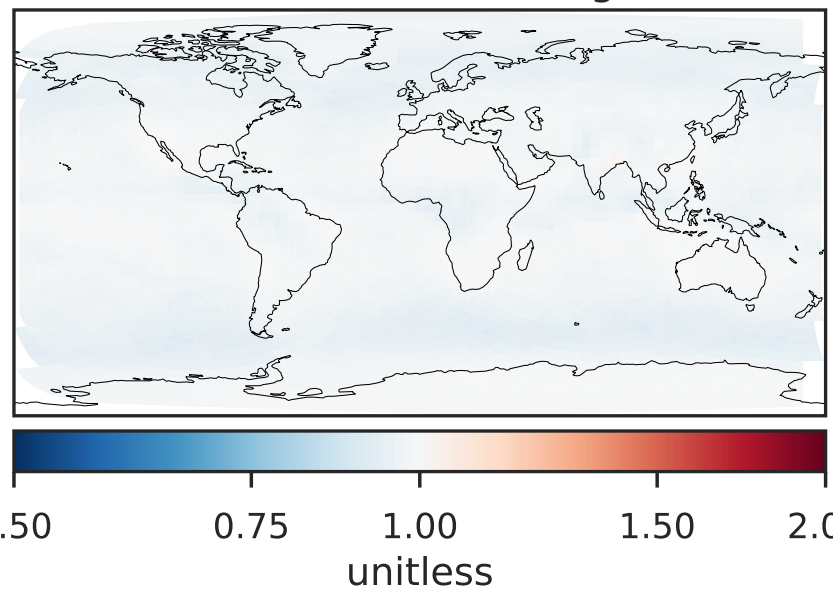
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

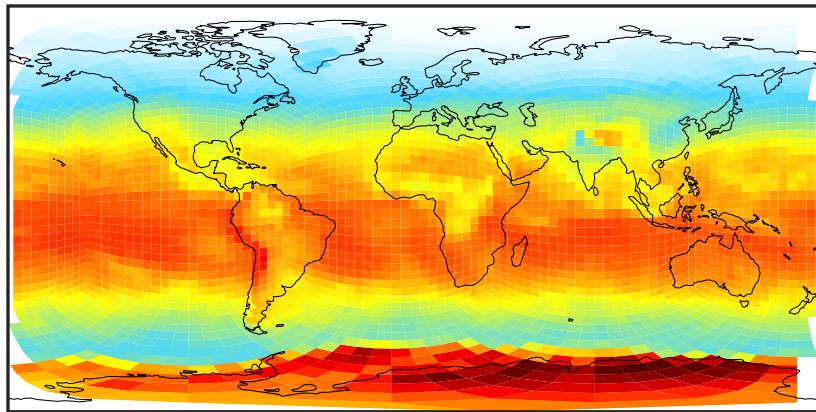


Ratio
Dev/Ref, Fixed Range



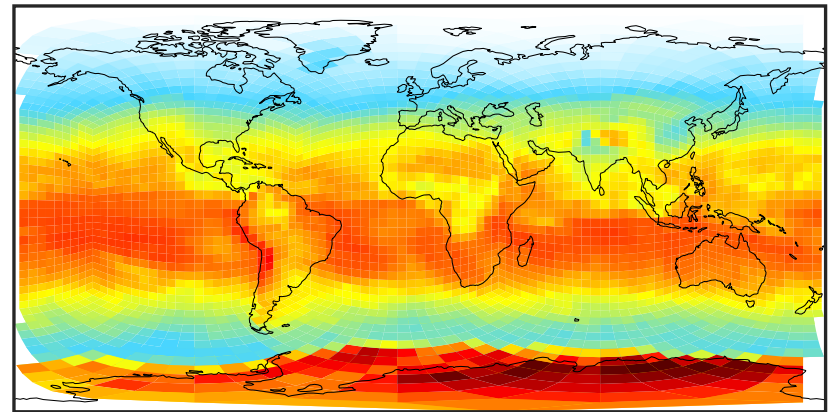
Jval_HOCl (Oct2019)

14.2.0-rc.2 (Ref)
c24



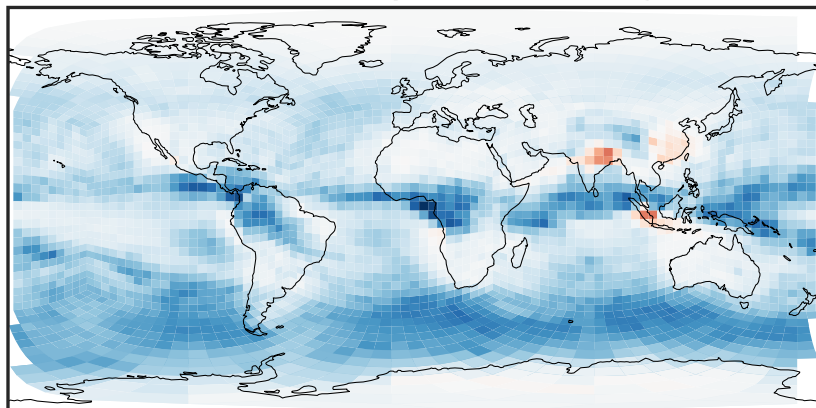
0.00004 0.00008 0.00012
s-1

14.3.0-rc.0 (Dev)
c24



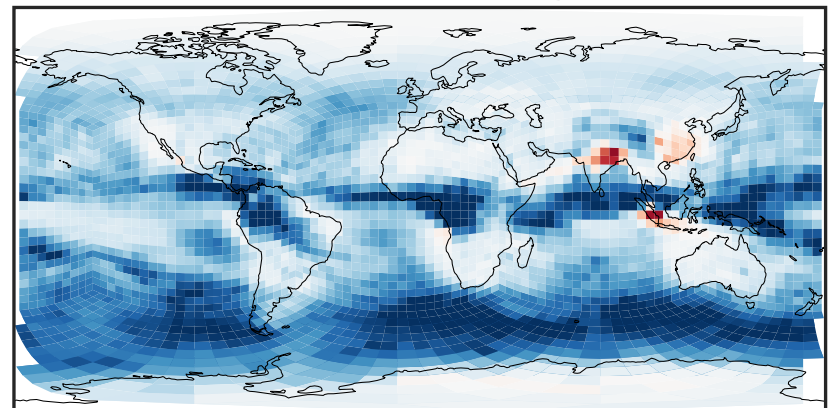
0.00004 0.00008 0.00012
s-1

Difference
Dev - Ref, Dynamic Range



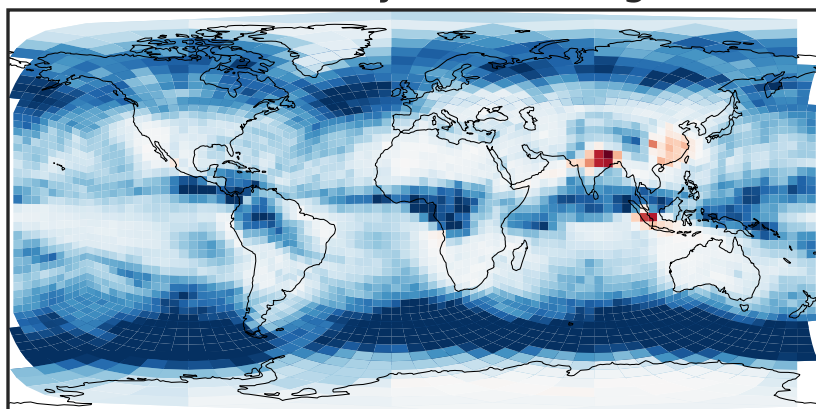
-3 0 3
s-1 1e-6

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



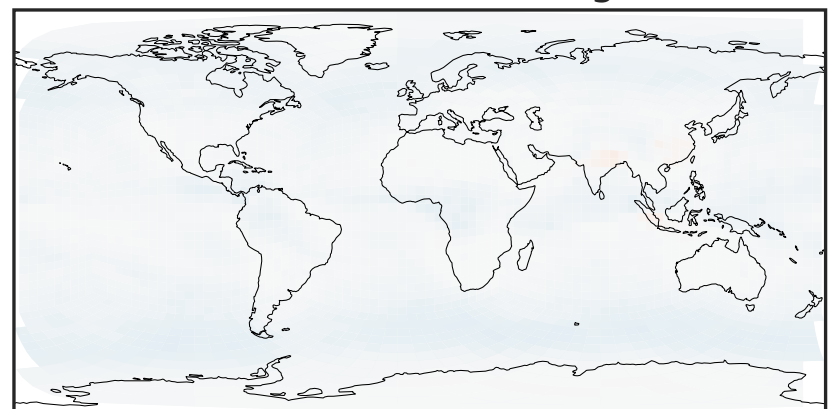
-2 0 2
s-1 1e-6

Ratio
Dev/Ref, Dynamic Range



0.95343 0.97671 1.00000 1.02442 1.04885
unitless

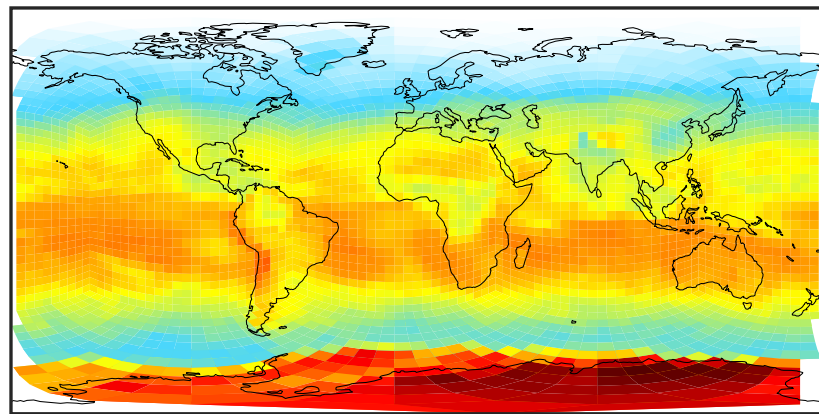
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

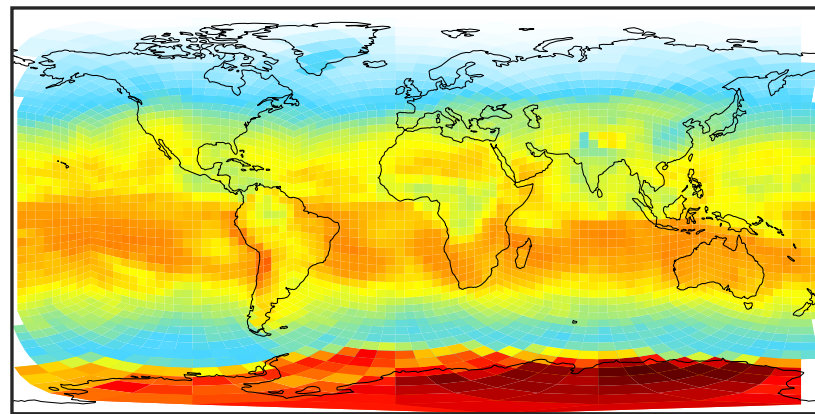
Jval_HOI (Oct2019)

14.2.0-rc.2 (Ref)
c24



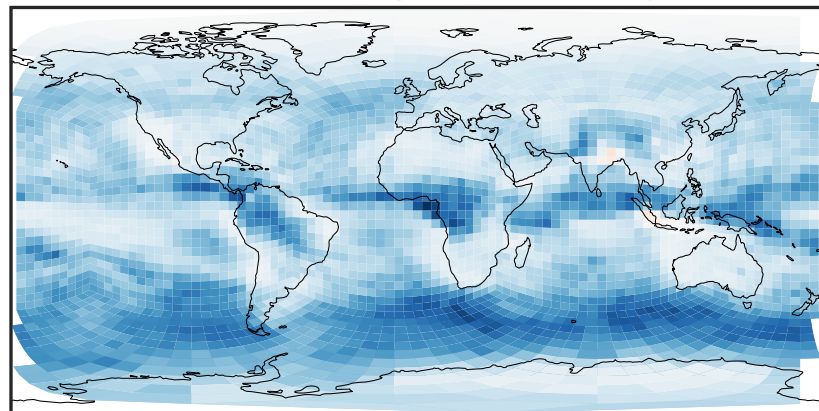
0.0015 0.0030 0.0045
s-1

14.3.0-rc.0 (Dev)
c24



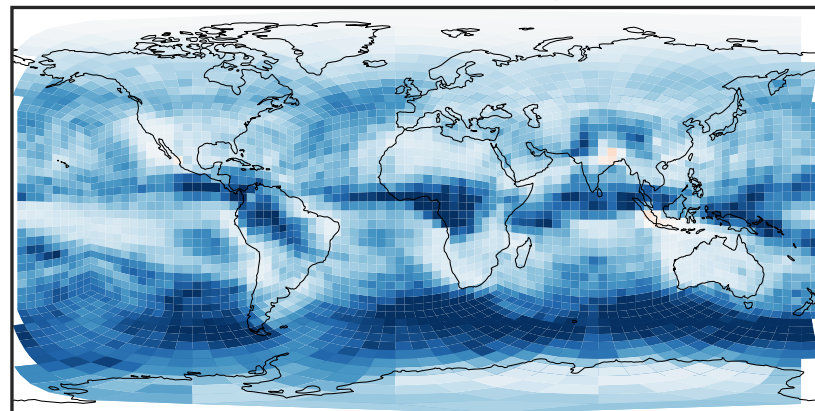
0.0015 0.0030 0.0045
s-1

Difference
Dev - Ref, Dynamic Range



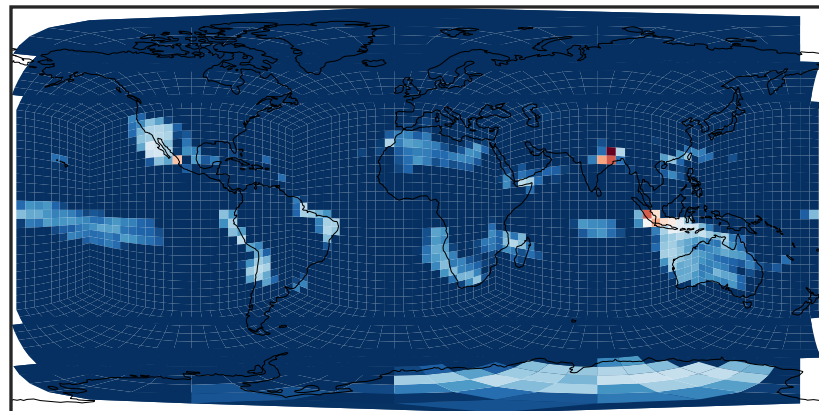
-0.0001 0.0000 0.0001
s-1

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



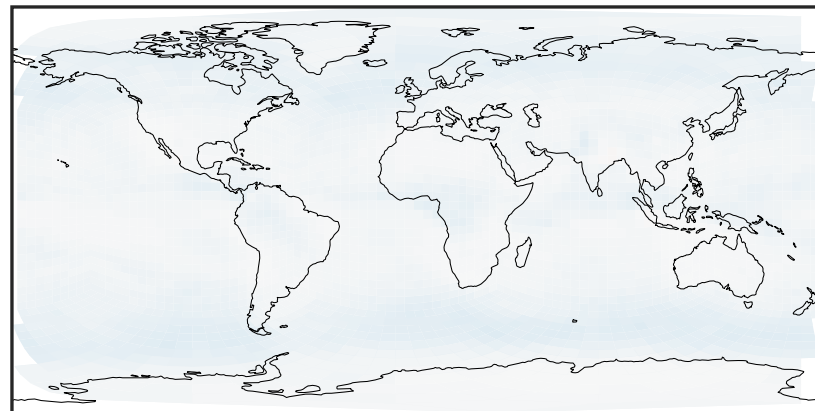
-8 0 8
s-1 1e-5

Ratio
Dev/Ref, Dynamic Range



0.98930 0.99465 1.00000 1.00541 1.01082
unitless

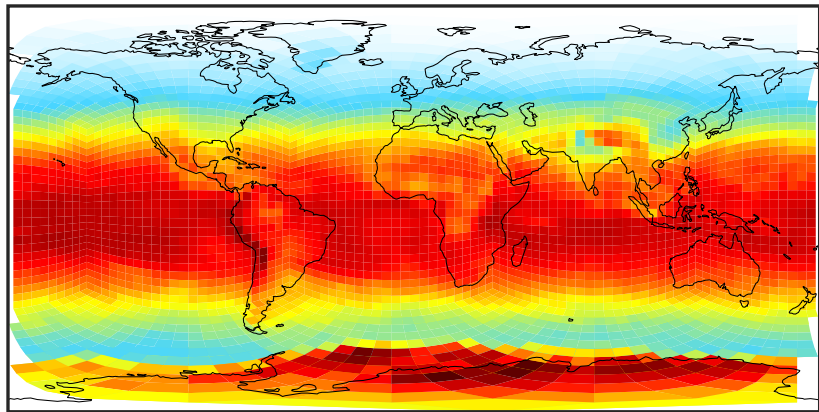
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

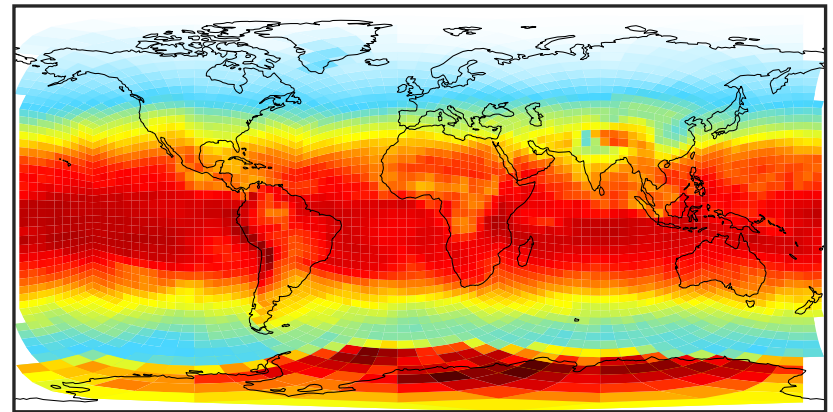
Jval_HONIT (Oct2019)

14.2.0-rc.2 (Ref)
c24



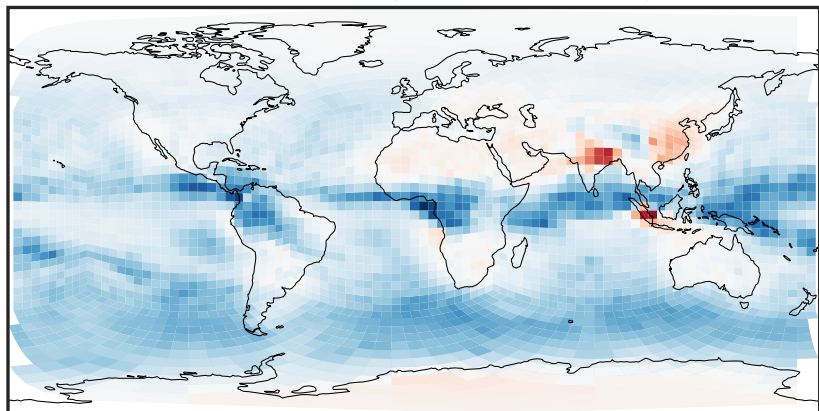
2.5 5.0 7.5
s-1 $1e-7$

14.3.0-rc.0 (Dev)
c24



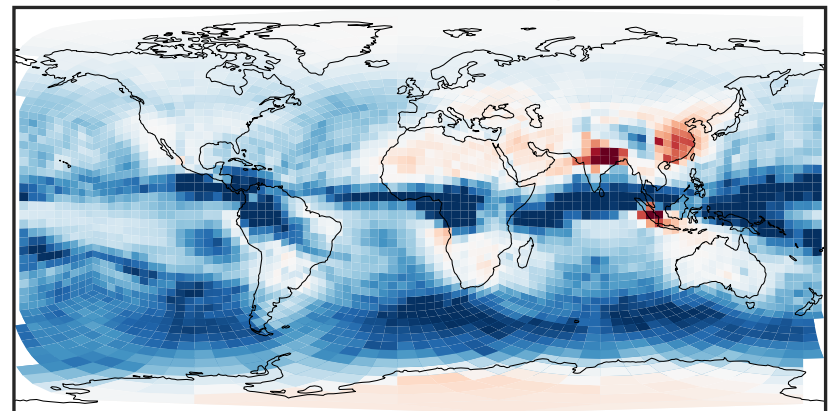
2.5 5.0 7.5
s-1 $1e-7$

Difference
Dev - Ref, Dynamic Range



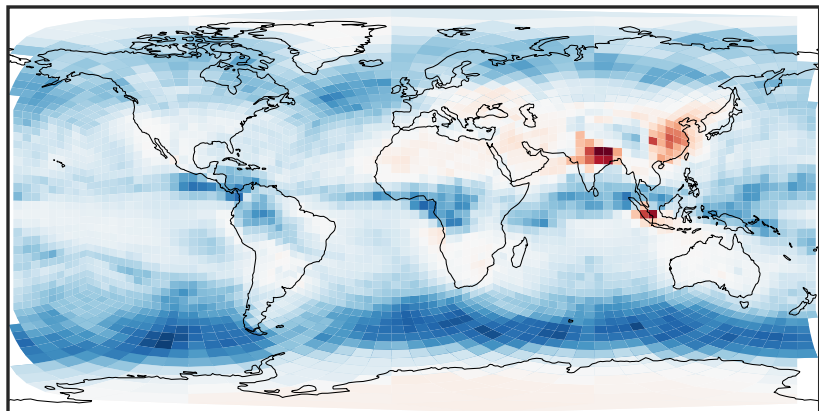
-2.5 0.0 2.5
s-1 $1e-8$

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



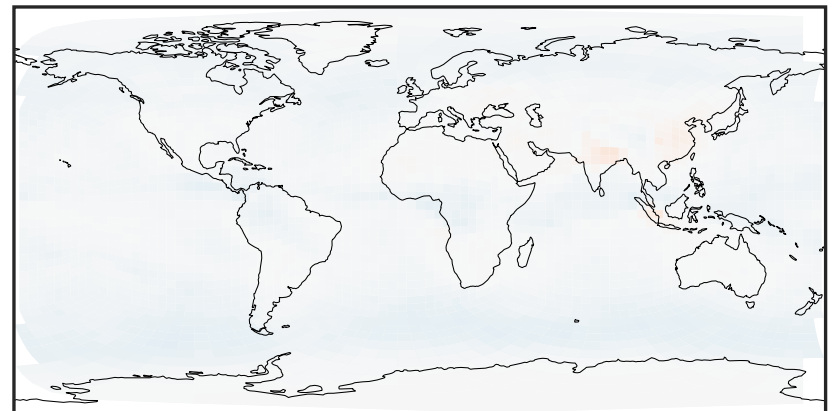
-1.5 0.0 1.5
s-1 $1e-8$

Ratio
Dev/Ref, Dynamic Range



0.9269 0.9634 1.0000 1.0394 1.0789
unitless

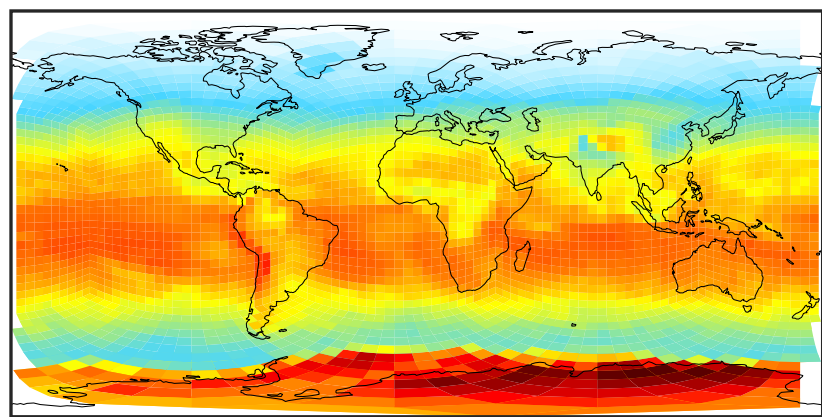
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

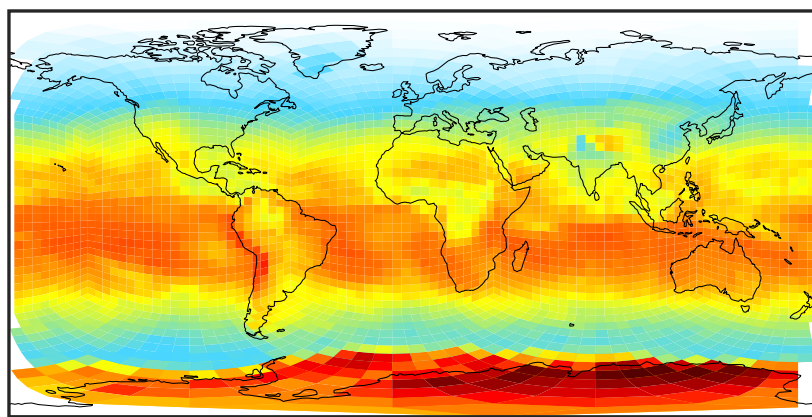
Jval_HPALD1 (Oct2019)

14.2.0-rc.2 (Ref)
c24



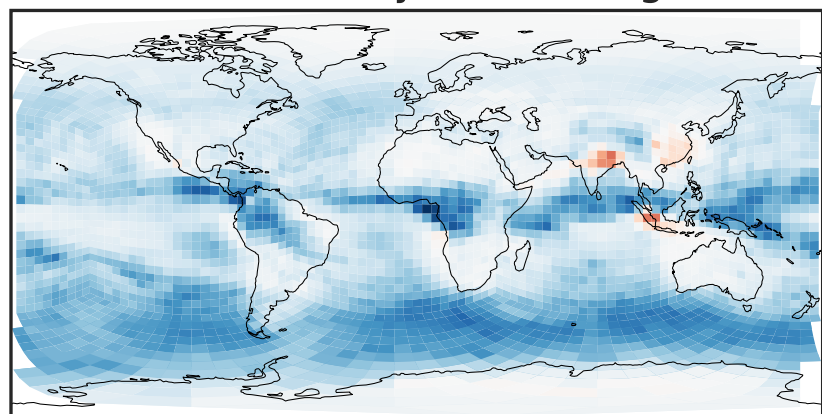
0.00005 0.00010 0.00015
s-1

14.3.0-rc.0 (Dev)
c24



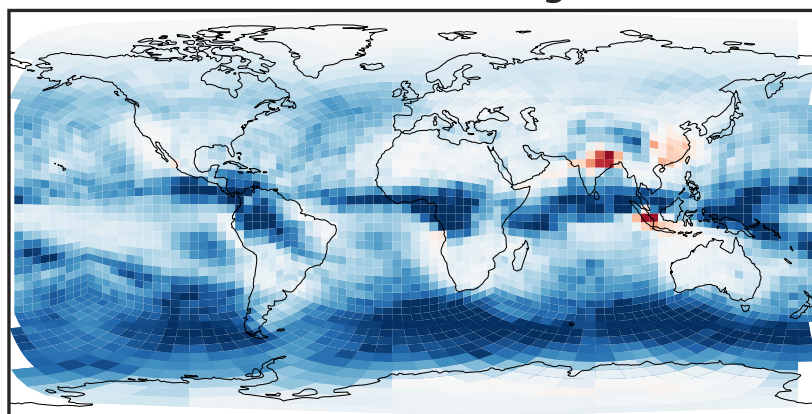
0.00005 0.00010 0.00015
s-1

Difference
Dev - Ref, Dynamic Range



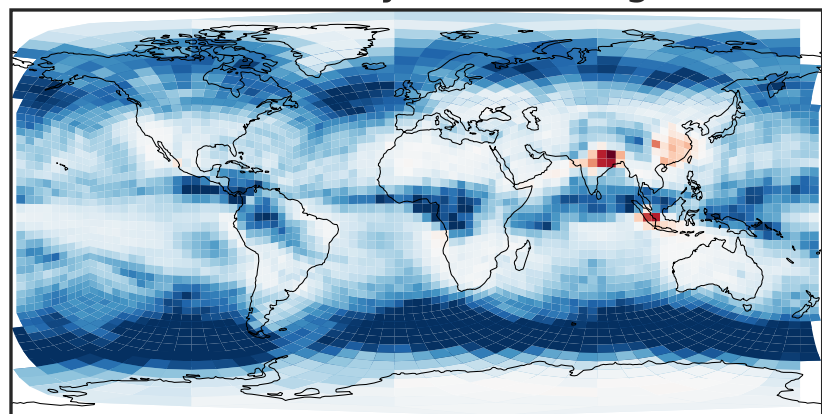
-3 0 3
s-1 1e-6

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



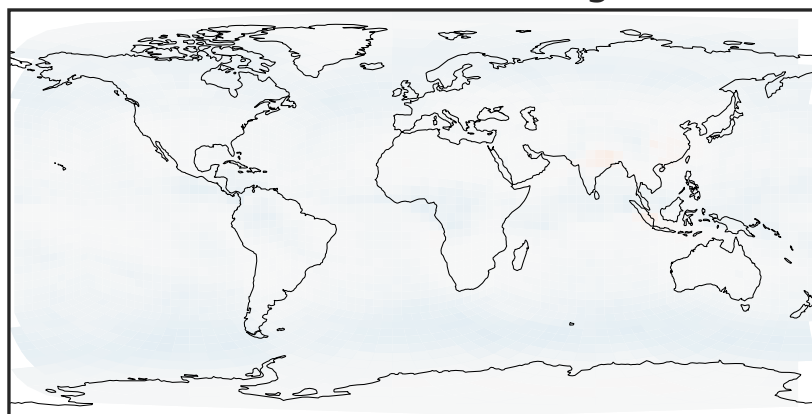
-2 0 2
s-1 1e-6

Ratio
Dev/Ref, Dynamic Range



0.95303 0.97651 1.00000 1.02464 1.04929
unitless

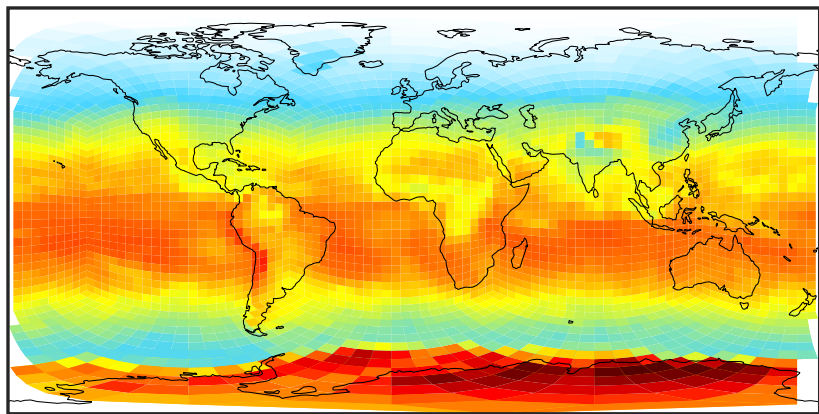
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

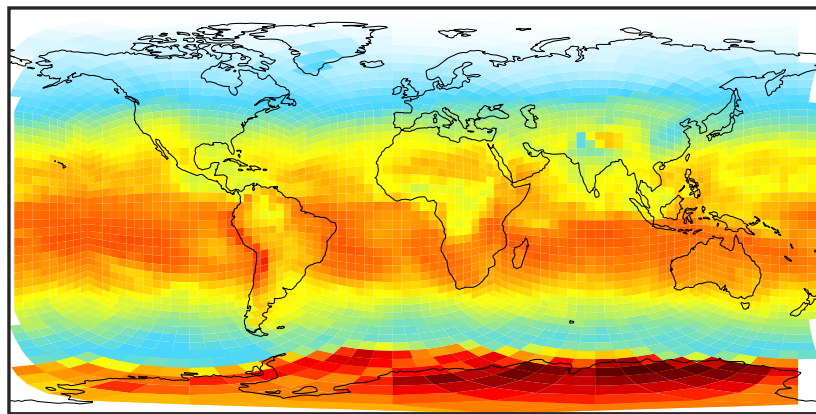
Jval_HPALD2 (Oct2019)

14.2.0-rc.2 (Ref)
c24



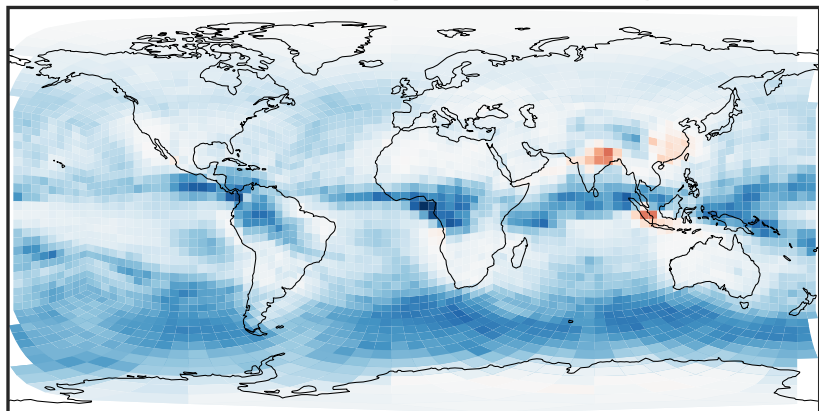
0.00004 0.00008 0.00012
s-1

14.3.0-rc.0 (Dev)
c24



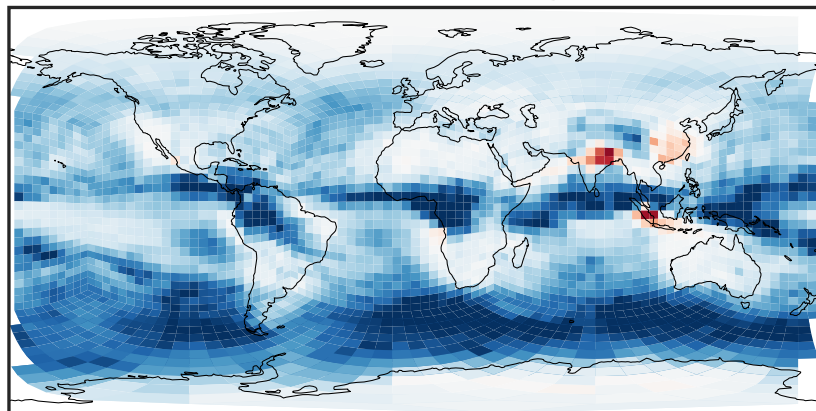
0.00004 0.00008 0.00012
s-1

Difference
Dev - Ref, Dynamic Range



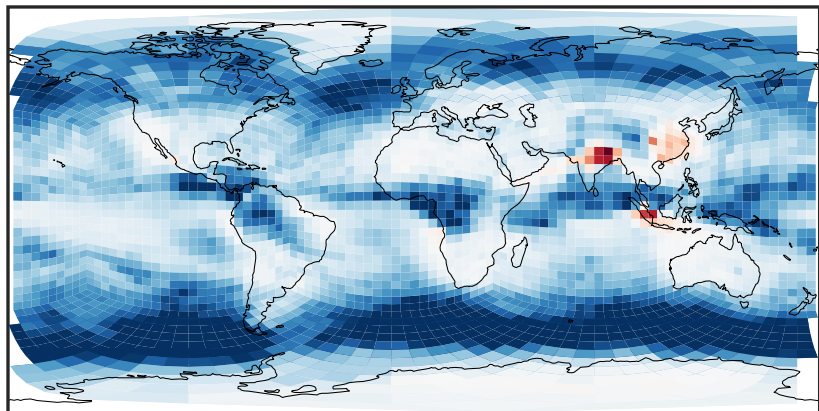
-3 0 3
s-1 1e-6

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



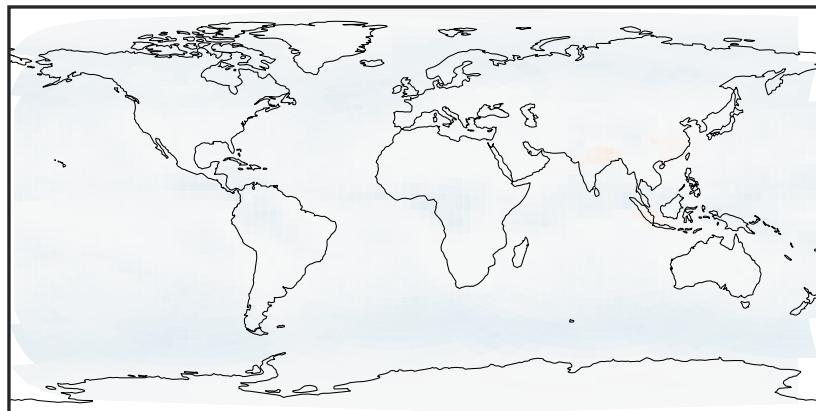
-2 0 2
s-1 1e-6

Ratio
Dev/Ref, Dynamic Range



0.95302 0.97651 1.00000 1.02465 1.04929
unitless

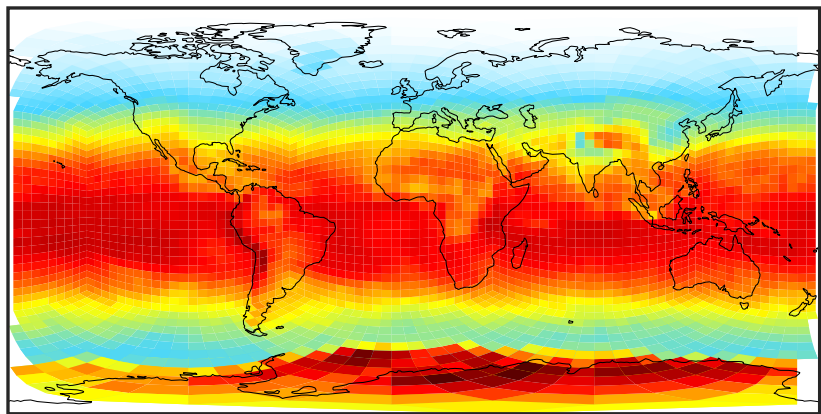
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

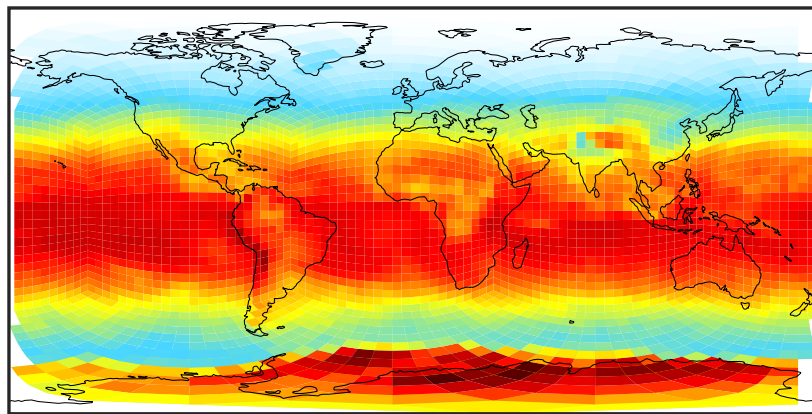
Jval_HPALD3 (Oct2019)

14.2.0-rc.2 (Ref)
c24



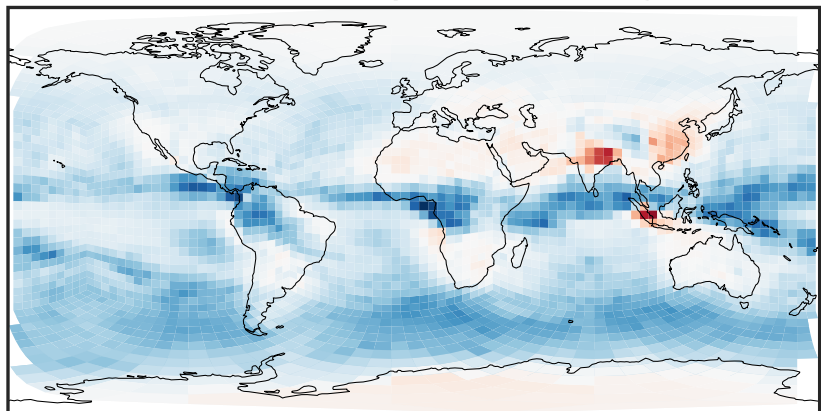
0.6 1.2 1.8
s-1 $1e-5$

14.3.0-rc.0 (Dev)
c24



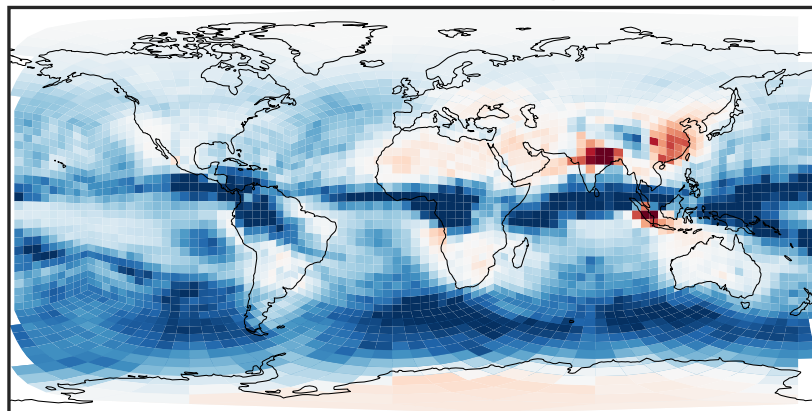
0.6 1.2 1.8
s-1 $1e-5$

Difference
Dev - Ref, Dynamic Range



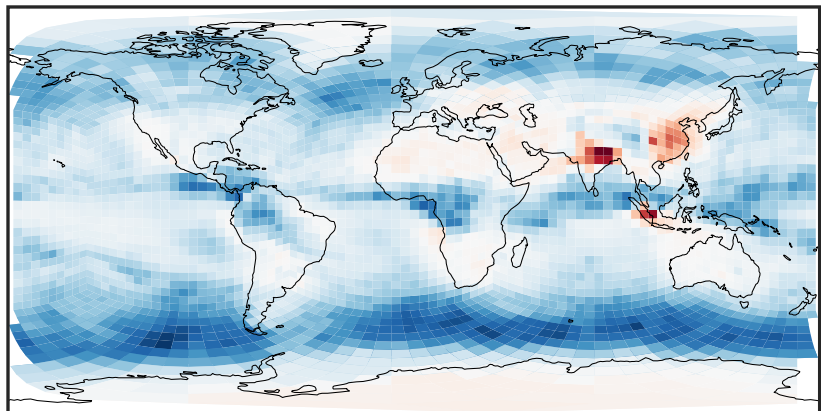
-5 0 5
s-1 $1e-7$

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



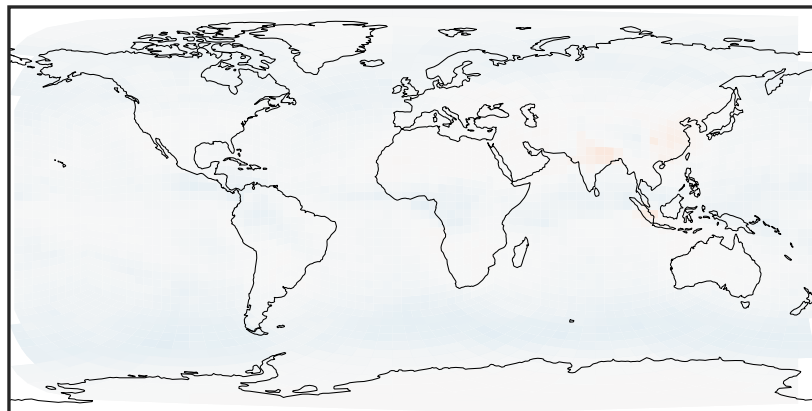
-2.5 0.0 2.5
s-1 $1e-7$

Ratio
Dev/Ref, Dynamic Range



0.9291 0.9645 1.0000 1.0382 1.0763
unitless

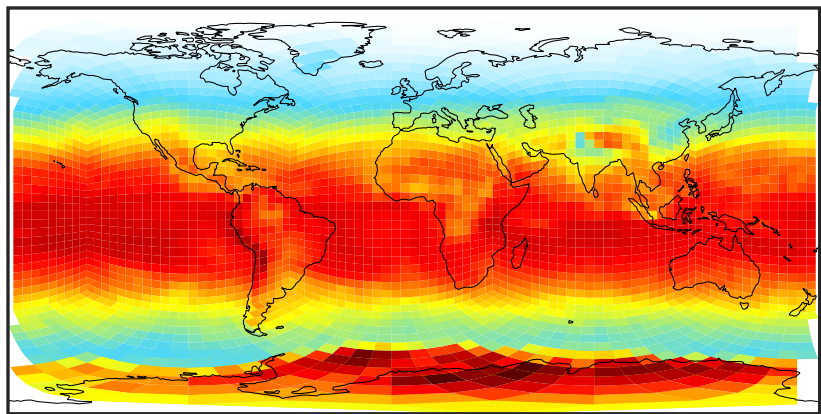
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

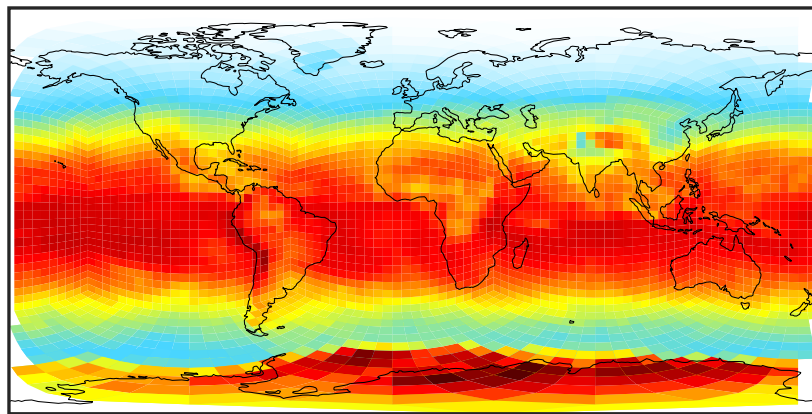
Jval_HPALD4 (Oct2019)

14.2.0-rc.2 (Ref)
c24



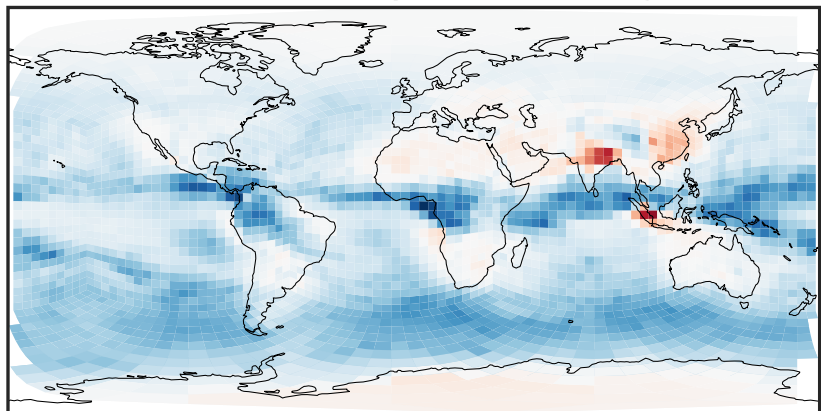
0.6 1.2 1.8
s-1 $1e-5$

14.3.0-rc.0 (Dev)
c24



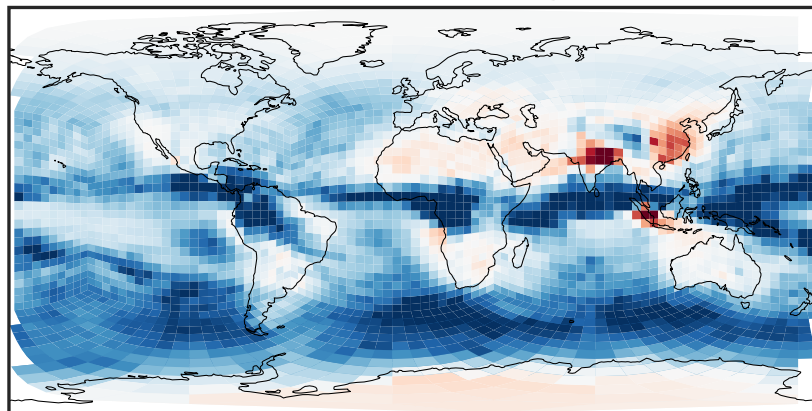
0.6 1.2 1.8
s-1 $1e-5$

Difference
Dev - Ref, Dynamic Range



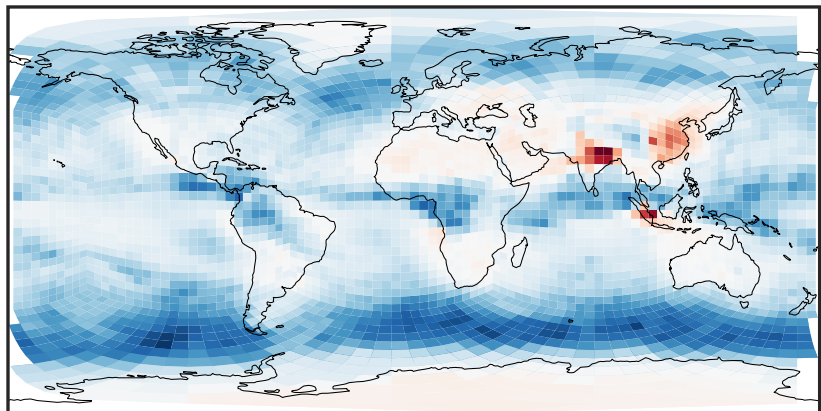
-5 0 5
s-1 $1e-7$

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



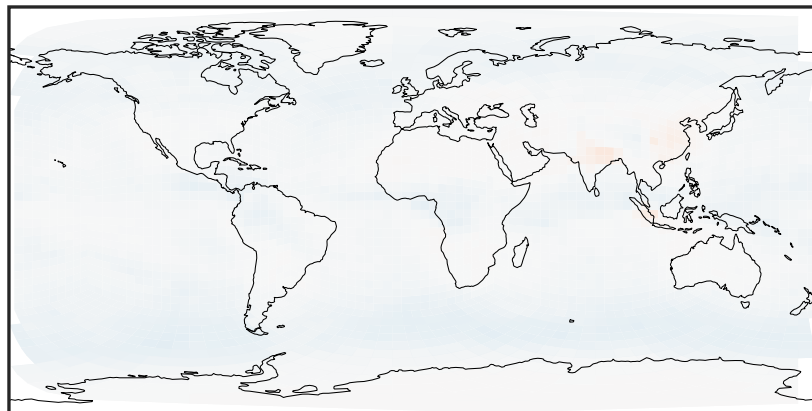
-2.5 0.0 2.5
s-1 $1e-7$

Ratio
Dev/Ref, Dynamic Range



0.9291 0.9645 1.0000 1.0382 1.0763
unitless

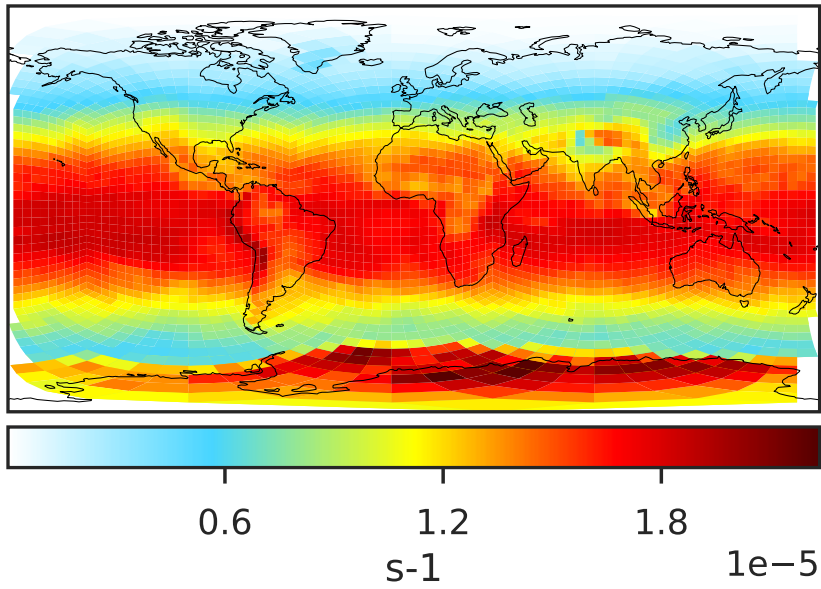
Ratio
Dev/Ref, Fixed Range



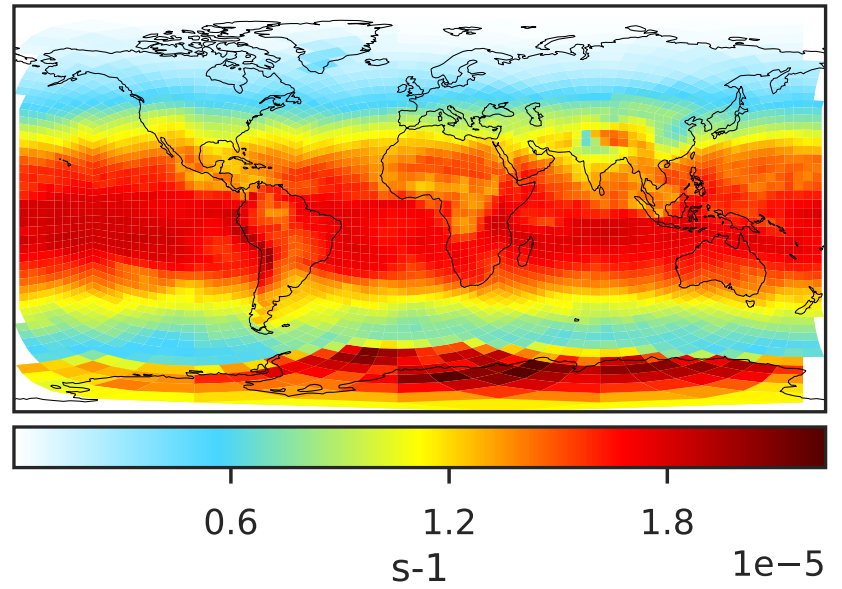
0.50 0.75 1.00 1.50 2.00
unitless

Jval_HPETHNL (Oct2019)

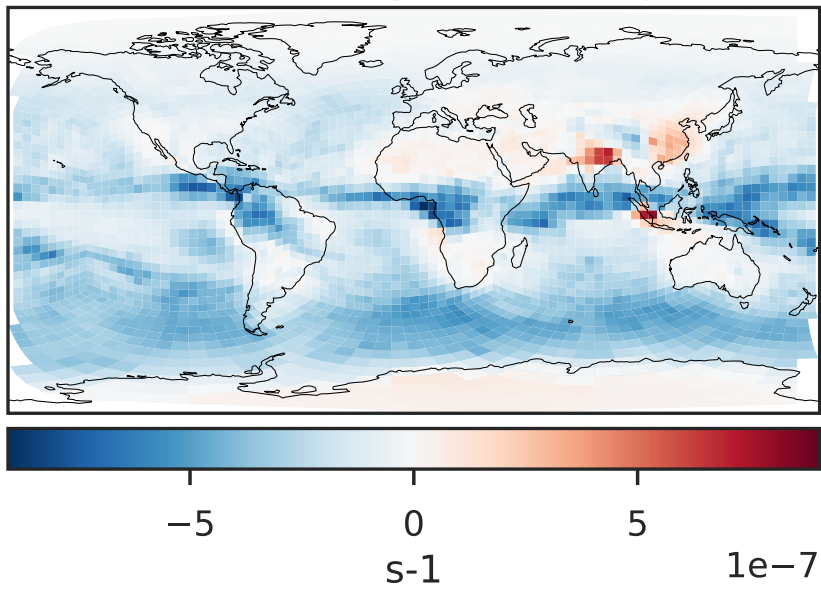
14.2.0-rc.2 (Ref)
c24



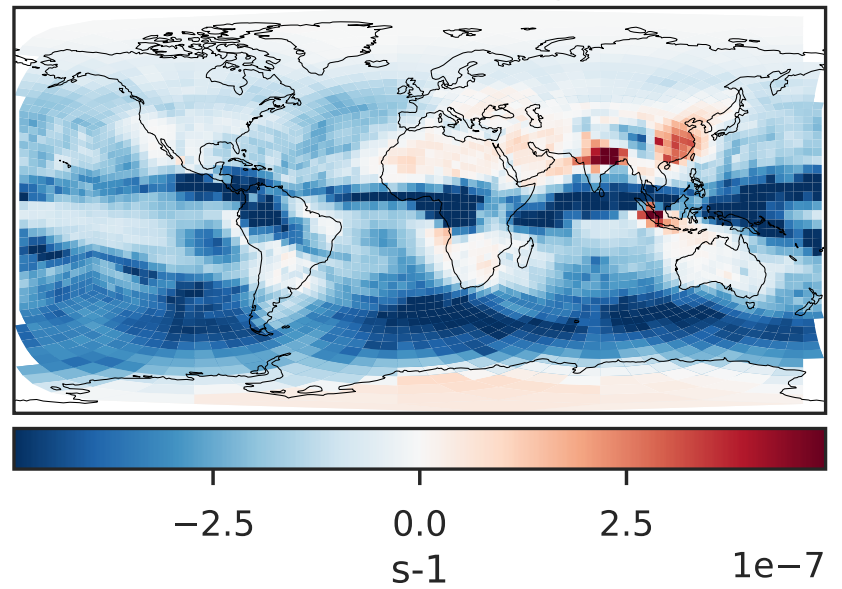
14.3.0-rc.0 (Dev)
c24



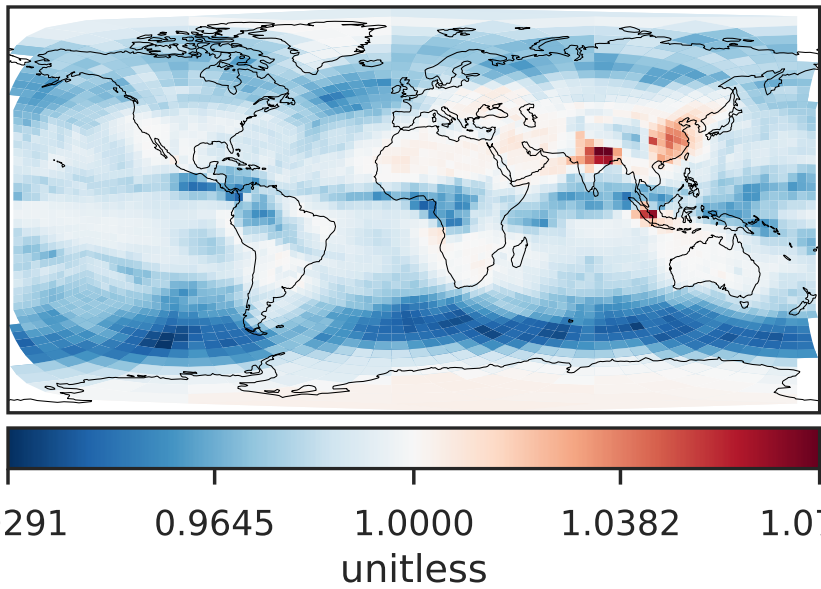
Difference
Dev - Ref, Dynamic Range



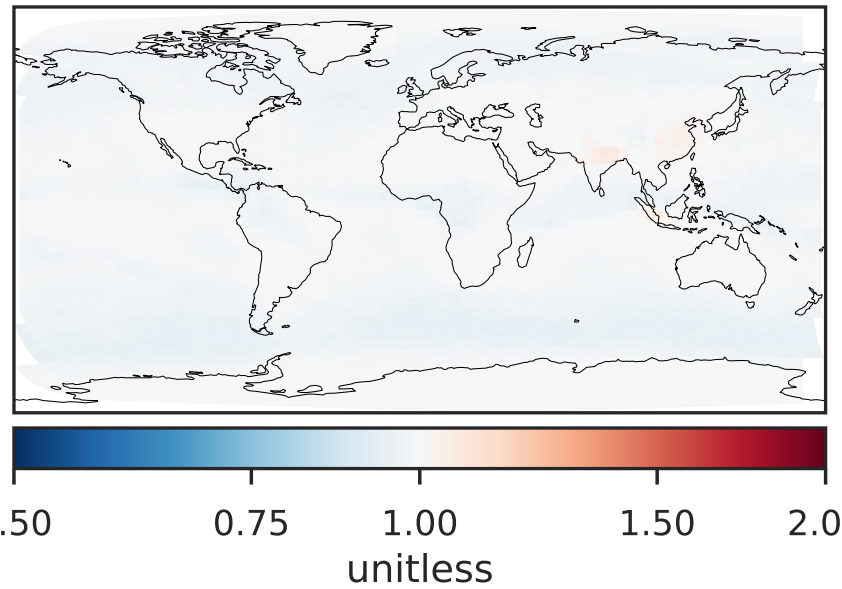
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

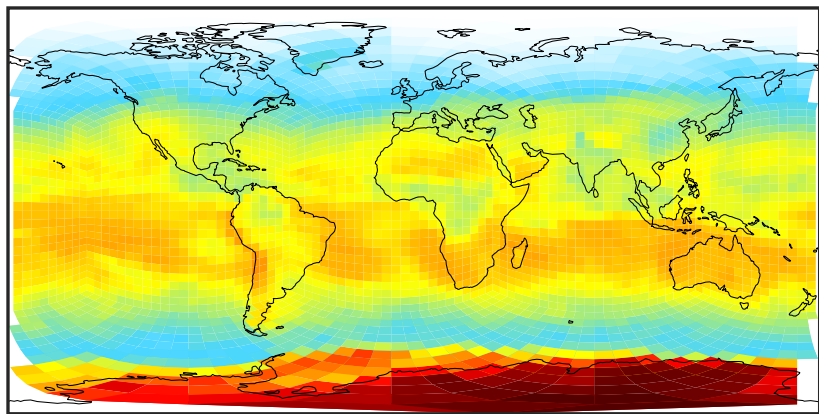


Ratio
Dev/Ref, Fixed Range



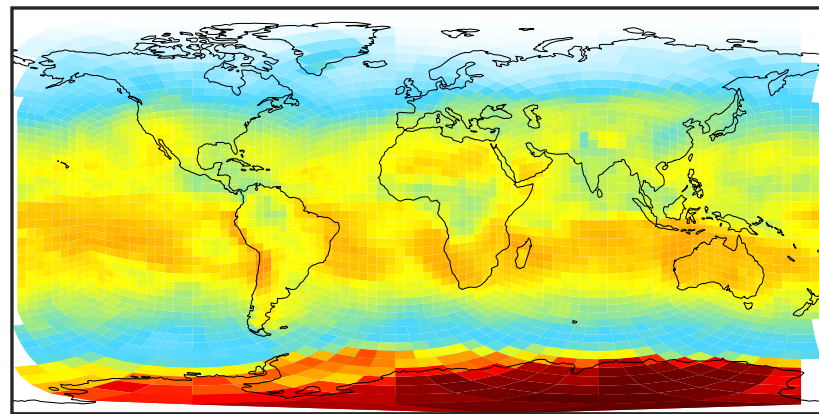
Jval_I2 (Oct2019)

14.2.0-rc.2 (Ref)
c24



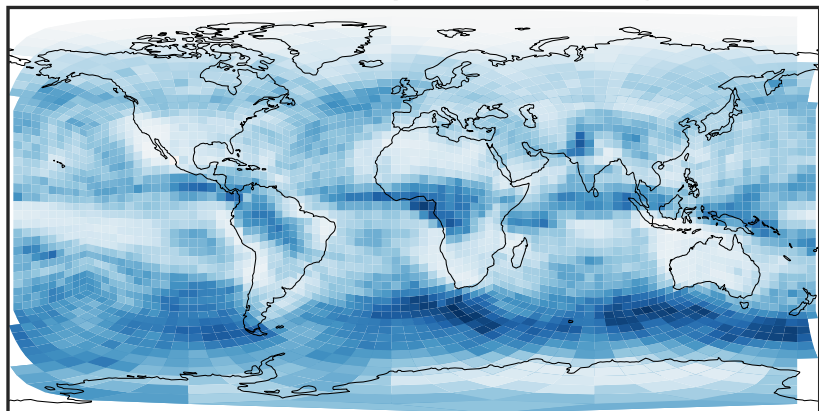
0.0002 0.0376 0.0751 0.1125 0.1499
s-1

14.3.0-rc.0 (Dev)
c24



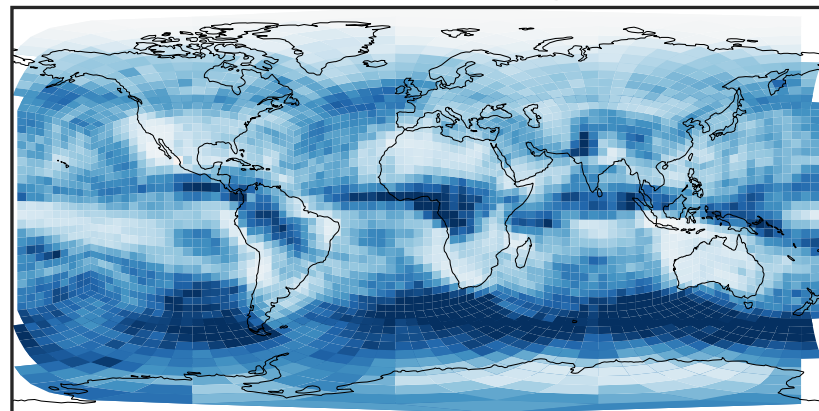
0.0002 0.0376 0.0751 0.1125 0.1499
s-1

Difference
Dev - Ref, Dynamic Range



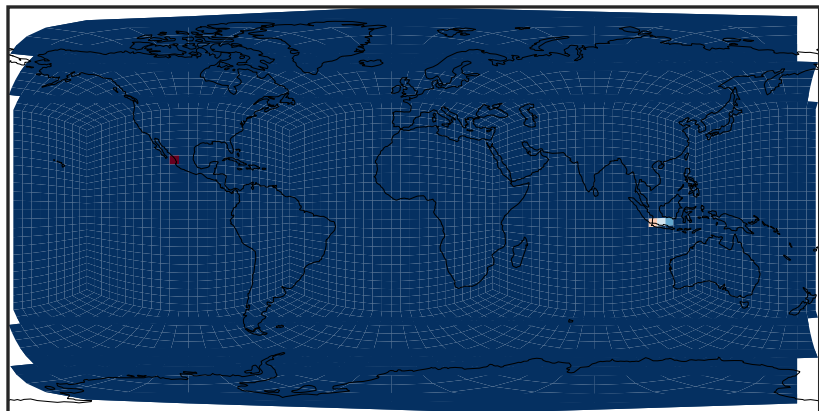
-0.003 0.000 0.003
s-1

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



-0.002 0.000 0.002
s-1

Ratio
Dev/Ref, Dynamic Range



0.997792 0.998896 1.000000 1.001107 1.002213
unitless

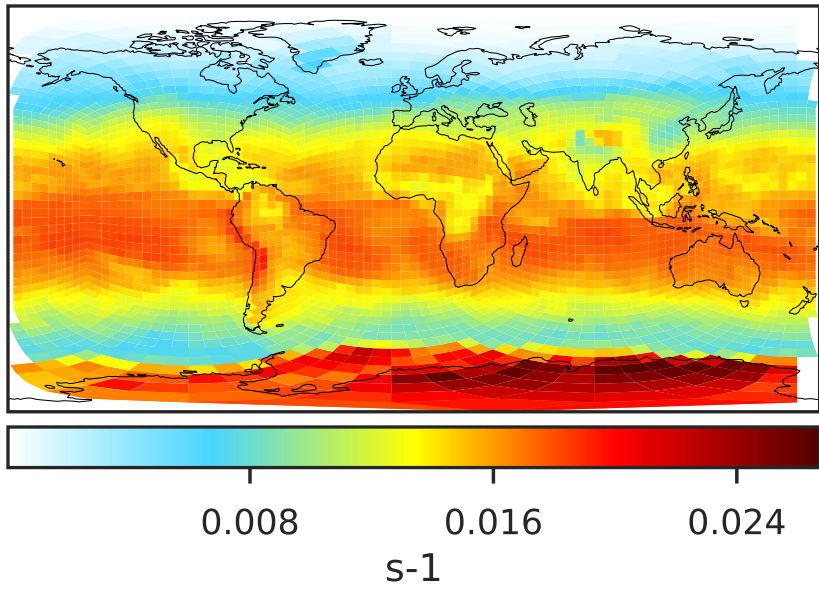
Ratio
Dev/Ref, Fixed Range



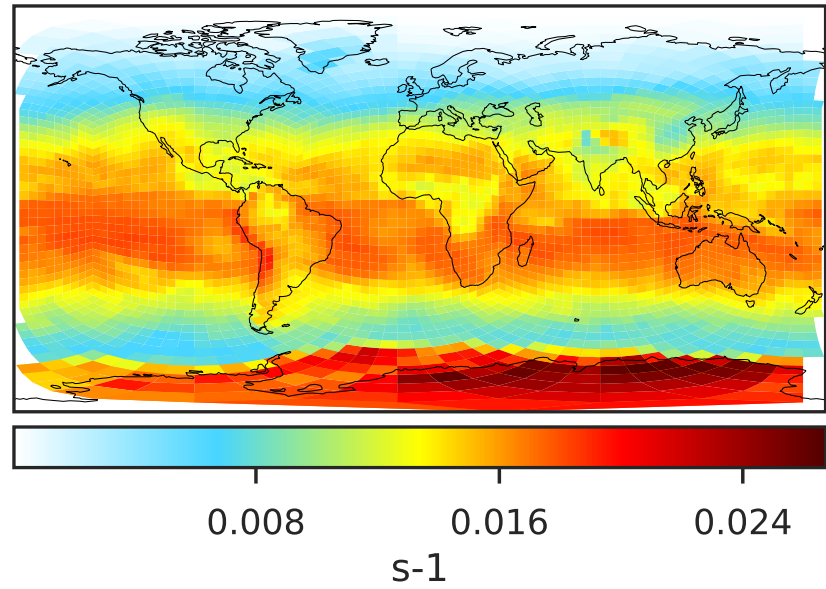
0.50 0.75 1.00 1.50 2.00
unitless

Jval_I202 (Oct2019)

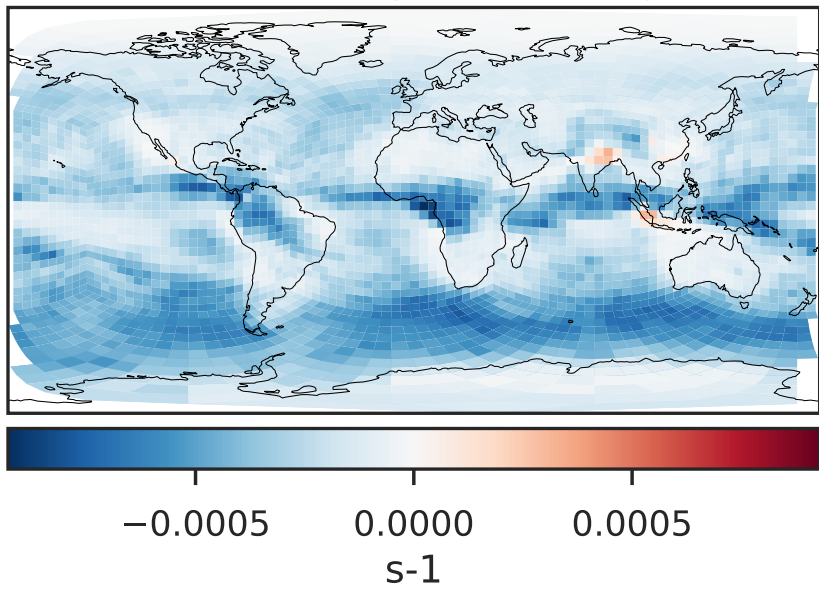
14.2.0-rc.2 (Ref)
c24



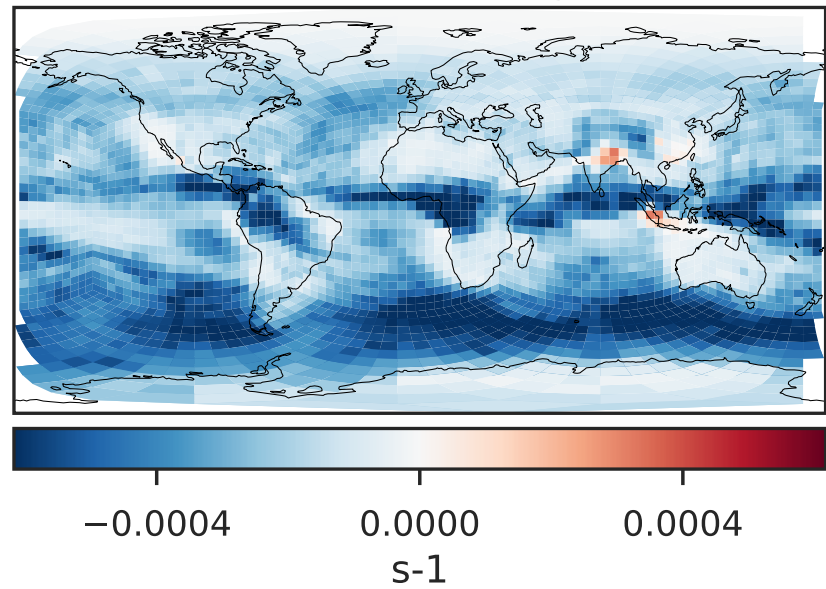
14.3.0-rc.0 (Dev)
c24



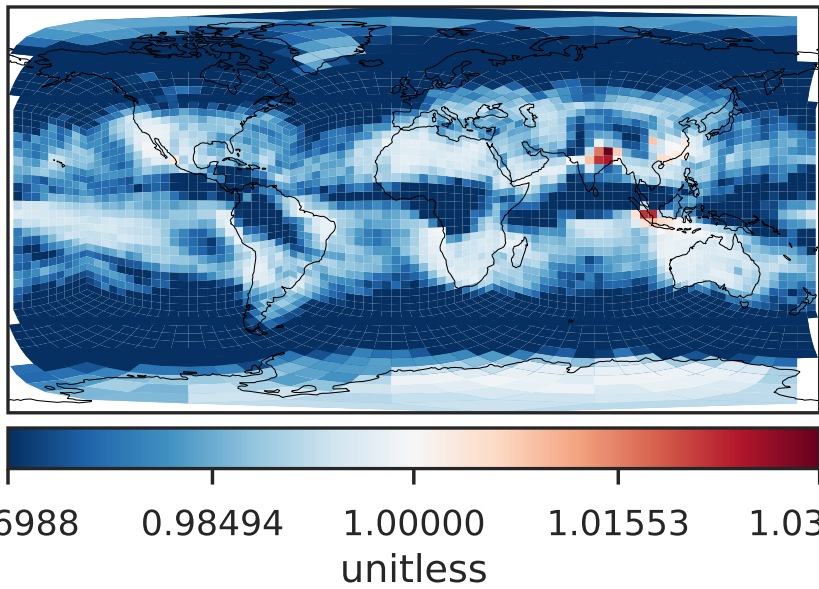
Difference
Dev - Ref, Dynamic Range



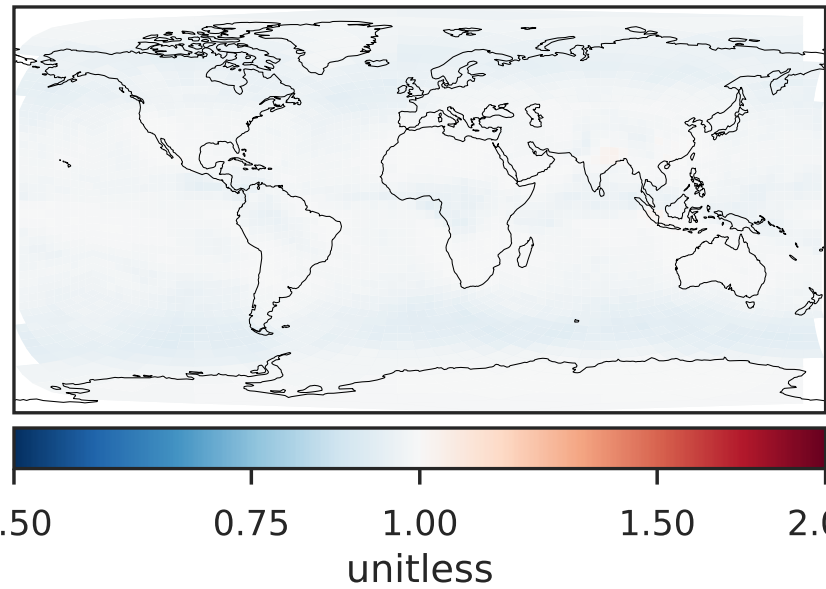
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

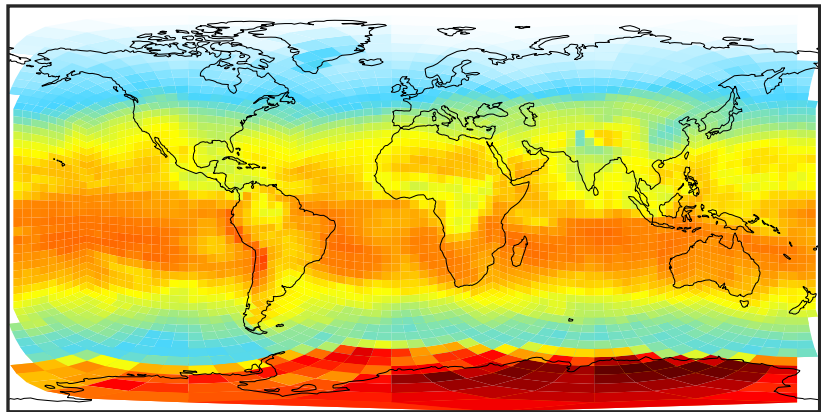


Ratio
Dev/Ref, Fixed Range



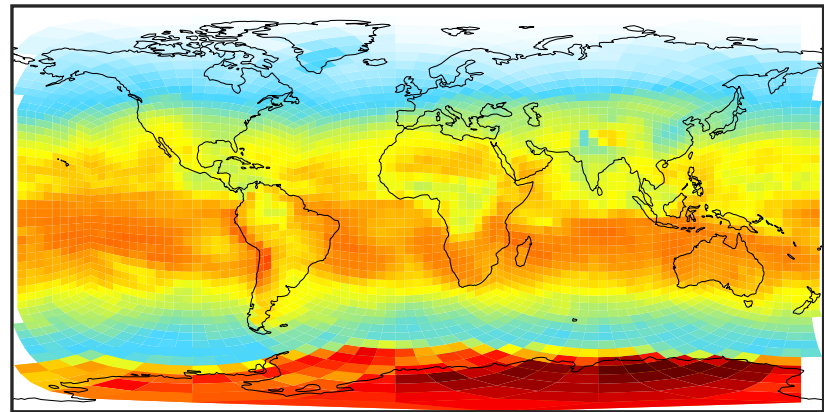
Jval_I203 (Oct2019)

14.2.0-rc.2 (Ref)
c24



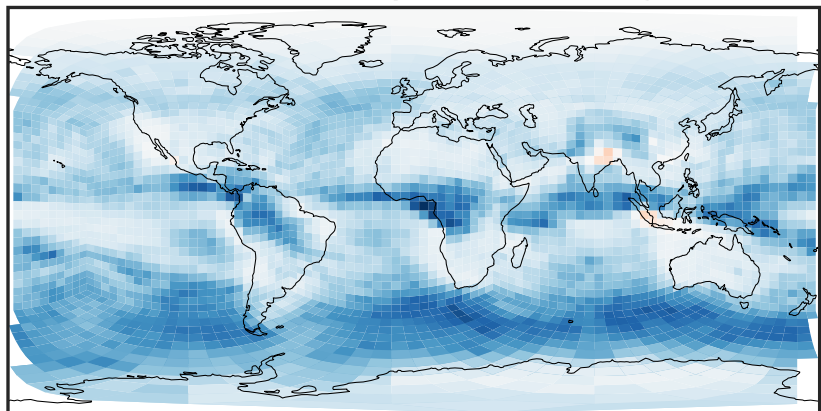
0.008 0.016 0.024
s-1

14.3.0-rc.0 (Dev)
c24



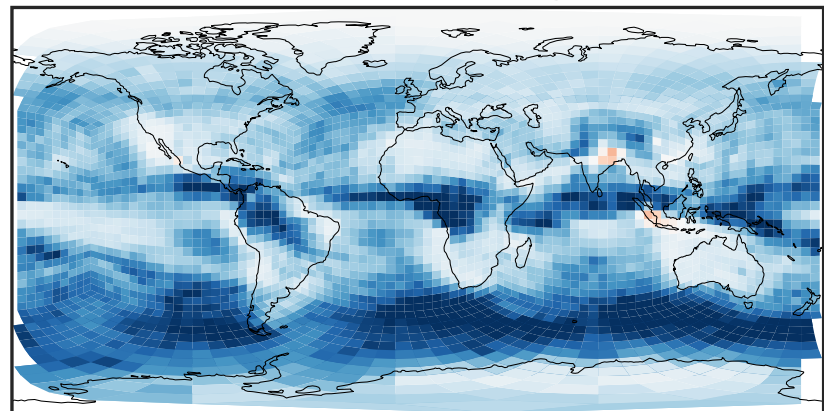
0.008 0.016 0.024
s-1

Difference
Dev - Ref, Dynamic Range



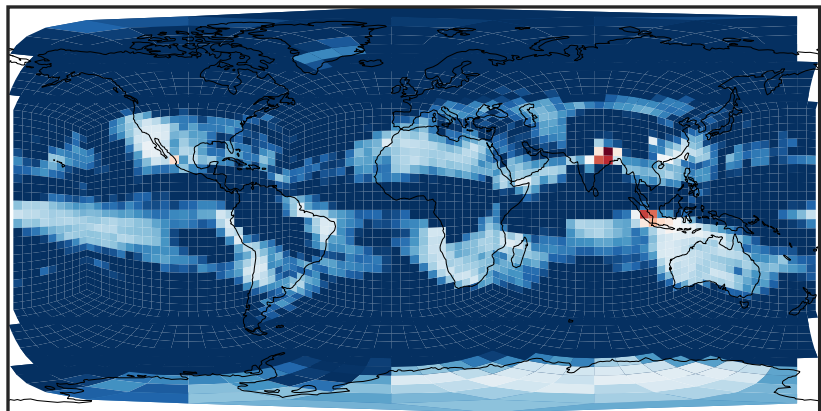
-0.0005 0.0000 0.0005
s-1

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



-0.0003 0.0000 0.0003
s-1

Ratio
Dev/Ref, Dynamic Range



0.98065 0.99032 1.00000 1.00987 1.01974
unitless

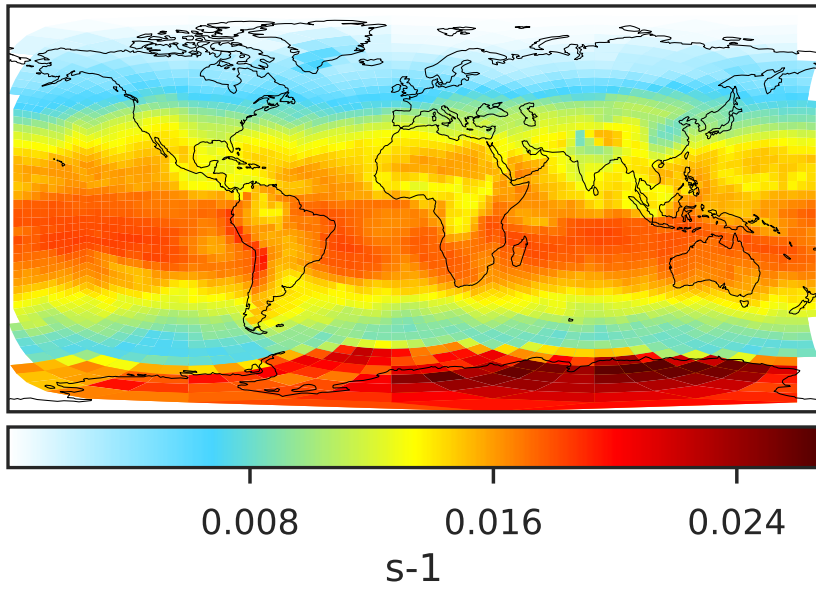
Ratio
Dev/Ref, Fixed Range



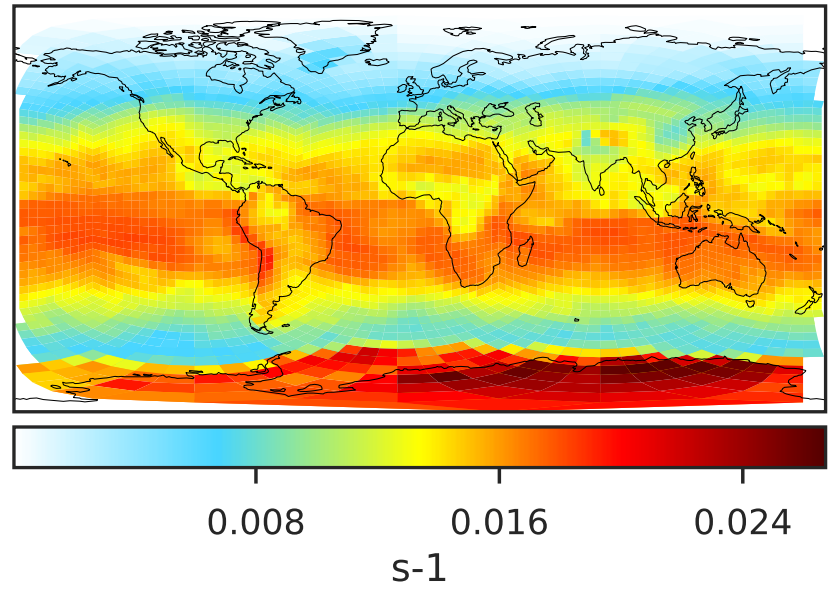
0.50 0.75 1.00 1.50 2.00
unitless

Jval_I204 (Oct2019)

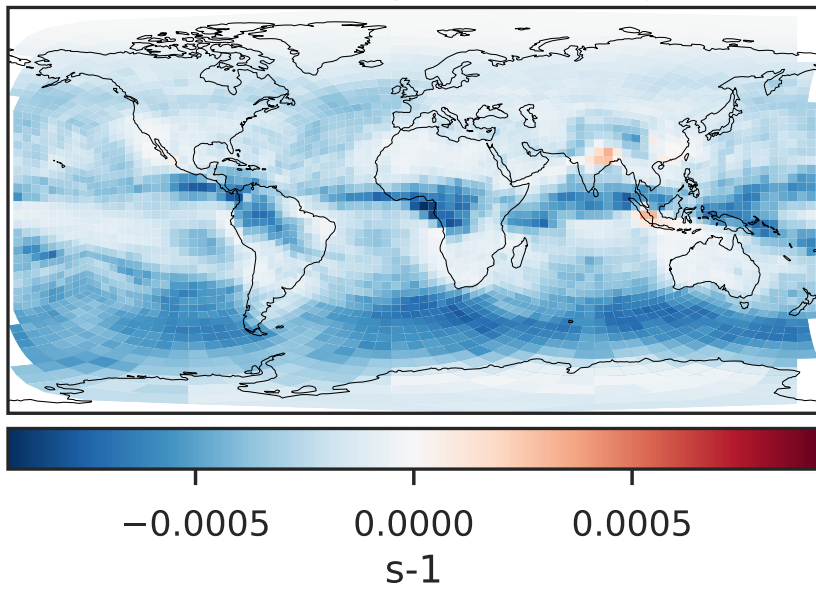
14.2.0-rc.2 (Ref)
c24



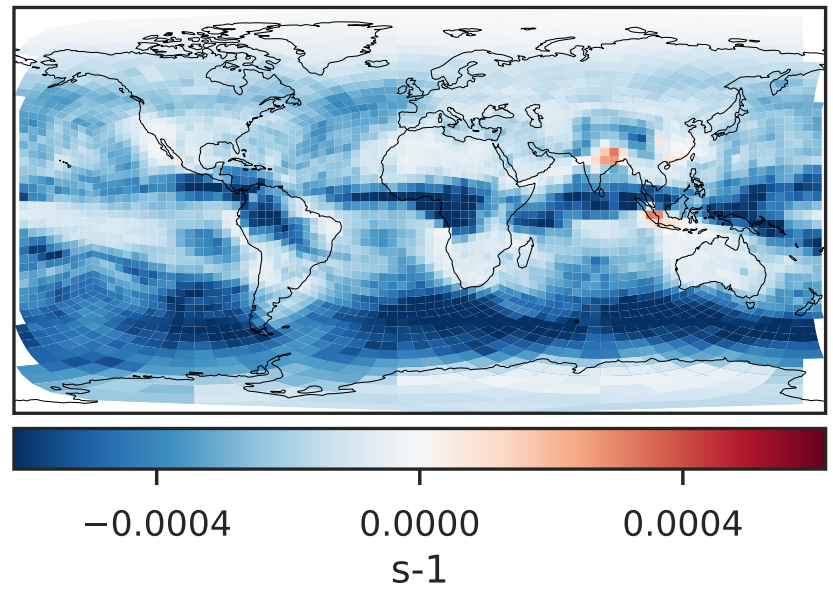
14.3.0-rc.0 (Dev)
c24



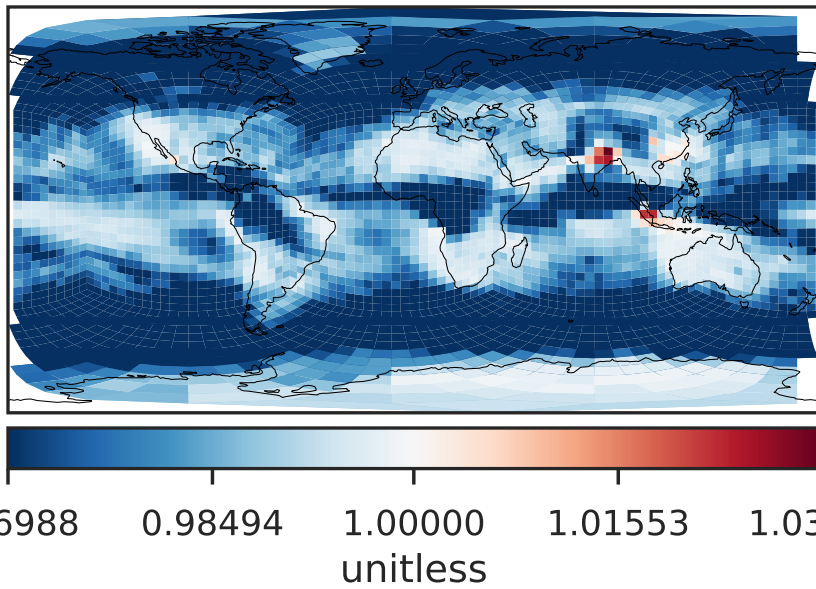
Difference
Dev - Ref, Dynamic Range



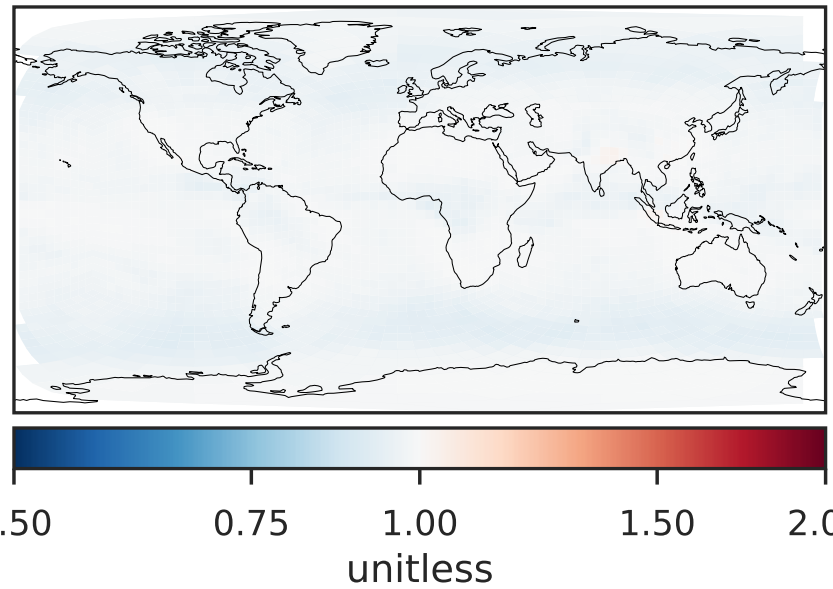
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

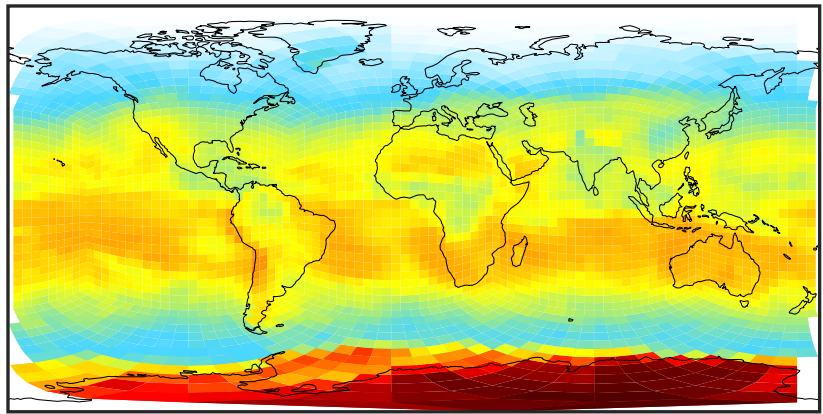


Ratio
Dev/Ref, Fixed Range



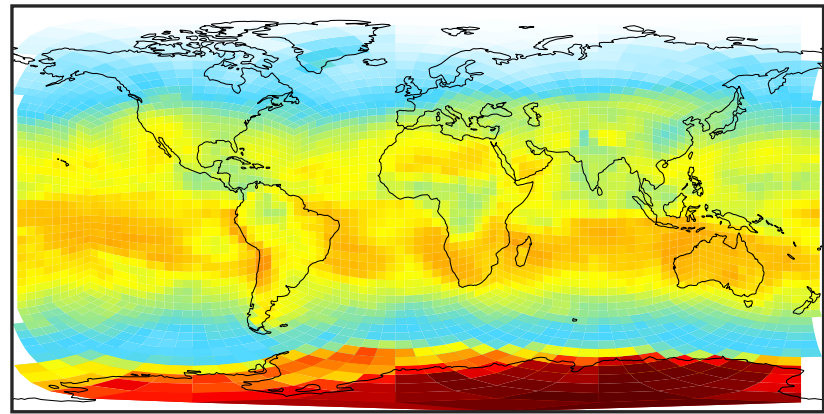
Jval_IBr (Oct2019)

14.2.0-rc.2 (Ref)
c24



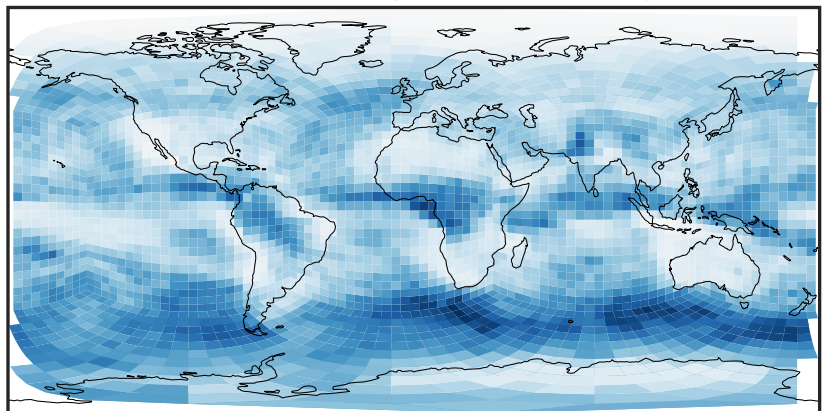
0.02 0.04 0.06
s-1

14.3.0-rc.0 (Dev)
c24



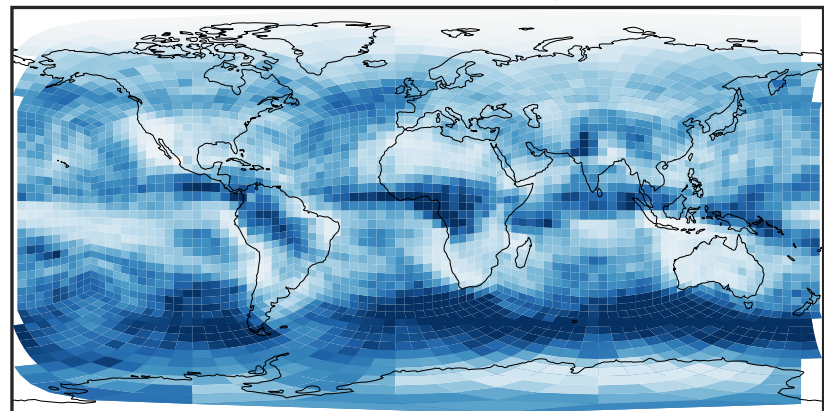
0.02 0.04 0.06
s-1

Difference
Dev - Ref, Dynamic Range



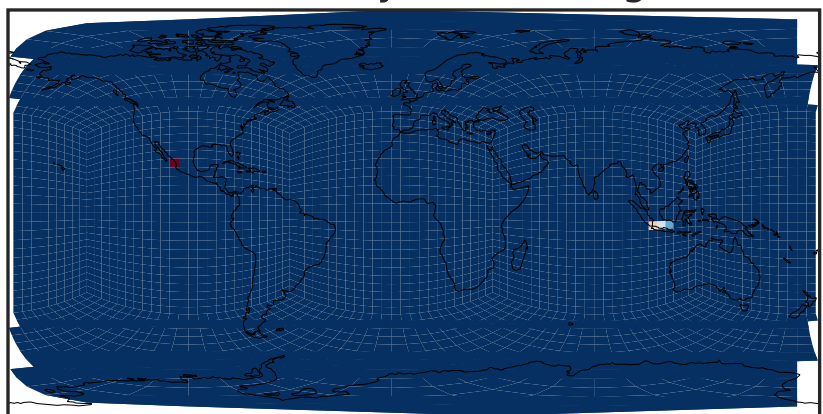
-0.0015 0.0000 0.0015
s-1

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



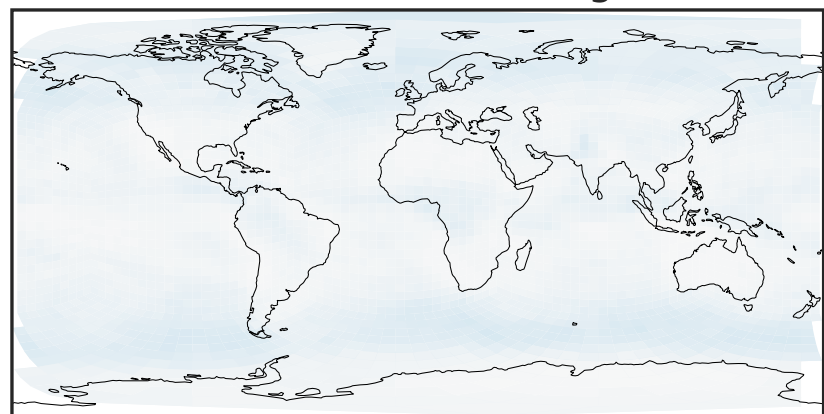
-0.001 0.000 0.001
s-1

Ratio
Dev/Ref, Dynamic Range



0.997786 0.998893 1.000000 1.001109 1.002218
unitless

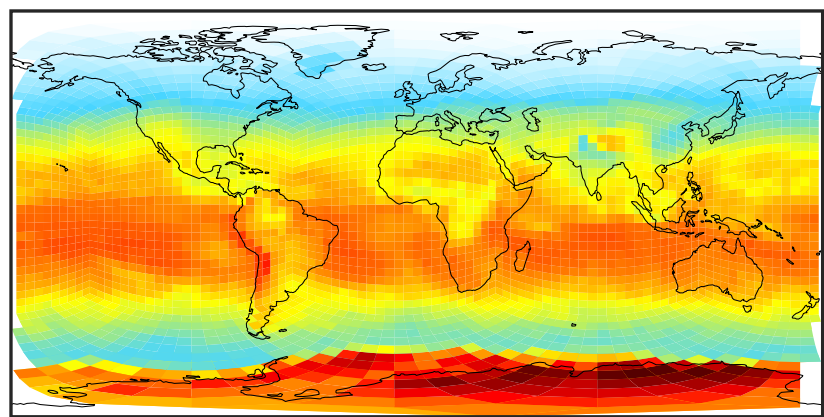
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

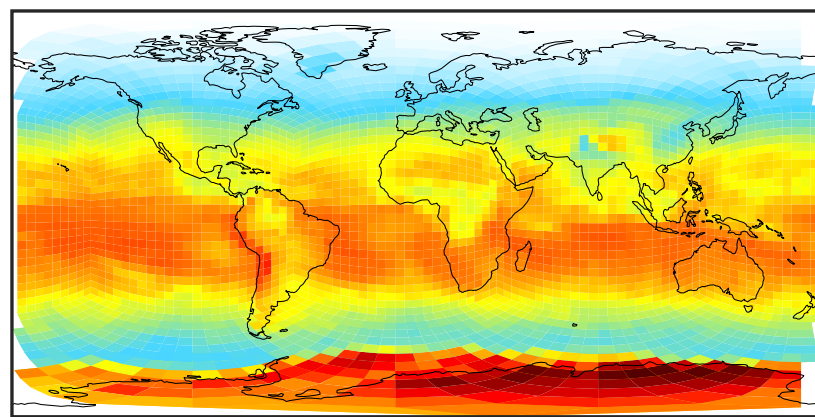
Jval_ICN (Oct2019)

14.2.0-rc.2 (Ref)
c24



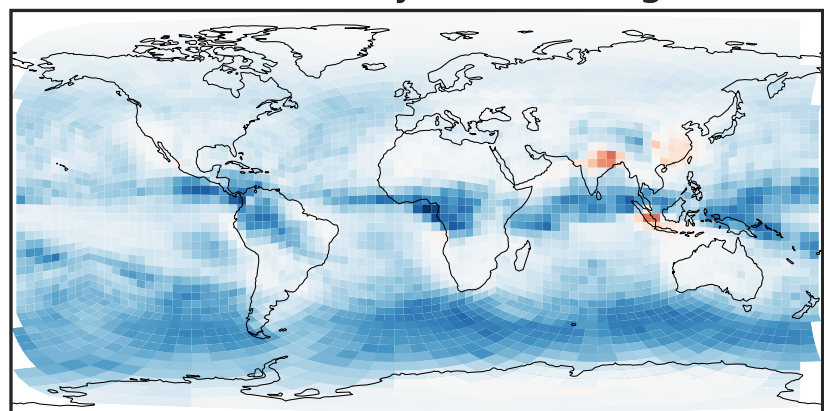
0.00005 0.00010 0.00015
s-1

14.3.0-rc.0 (Dev)
c24



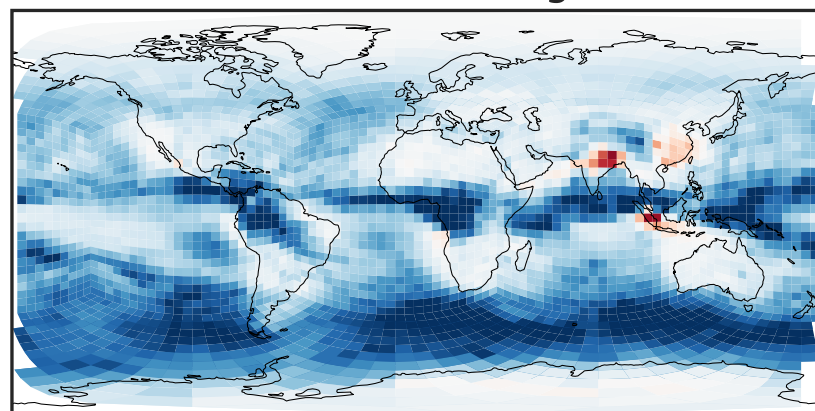
0.00005 0.00010 0.00015
s-1

Difference
Dev - Ref, Dynamic Range



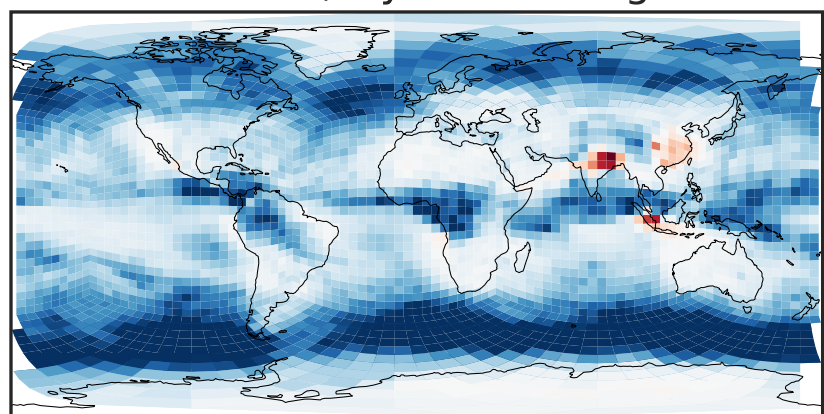
-3 0 3
s-1 1e-6

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



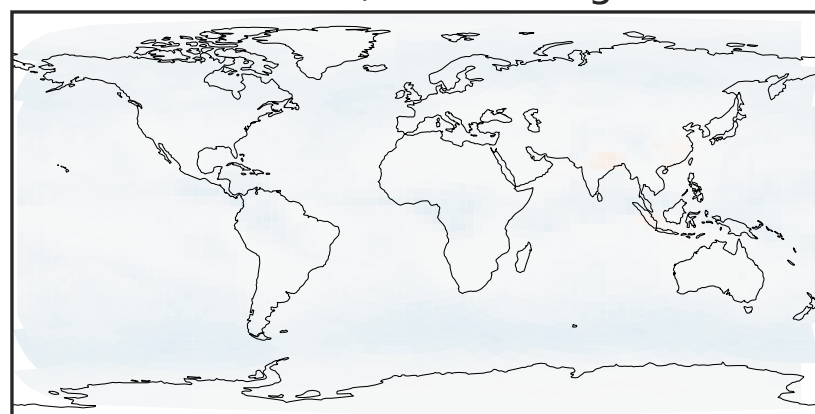
-2 0 2
s-1 1e-6

Ratio
Dev/Ref, Dynamic Range



0.95284 0.97642 1.00000 1.02475 1.04950
unitless

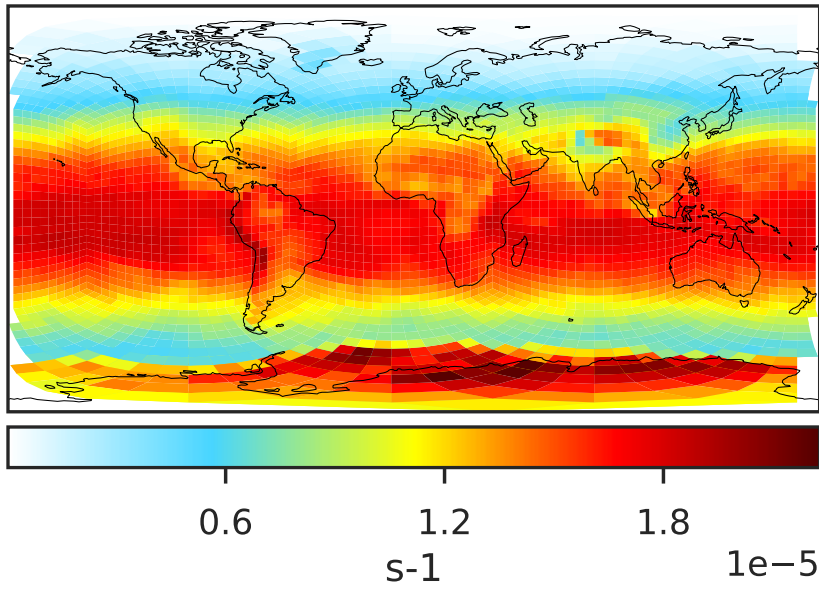
Ratio
Dev/Ref, Fixed Range



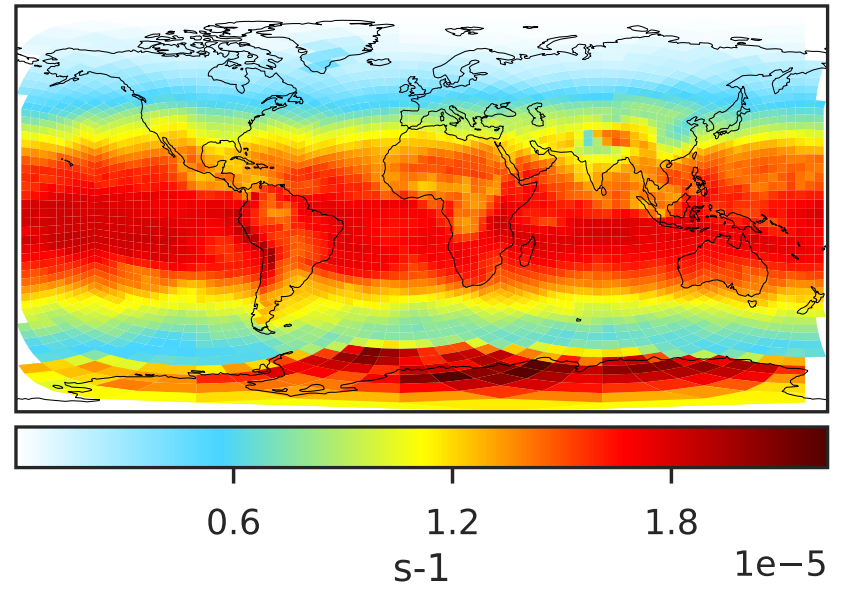
0.50 0.75 1.00 1.50 2.00
unitless

Jval_ICPDH (Oct2019)

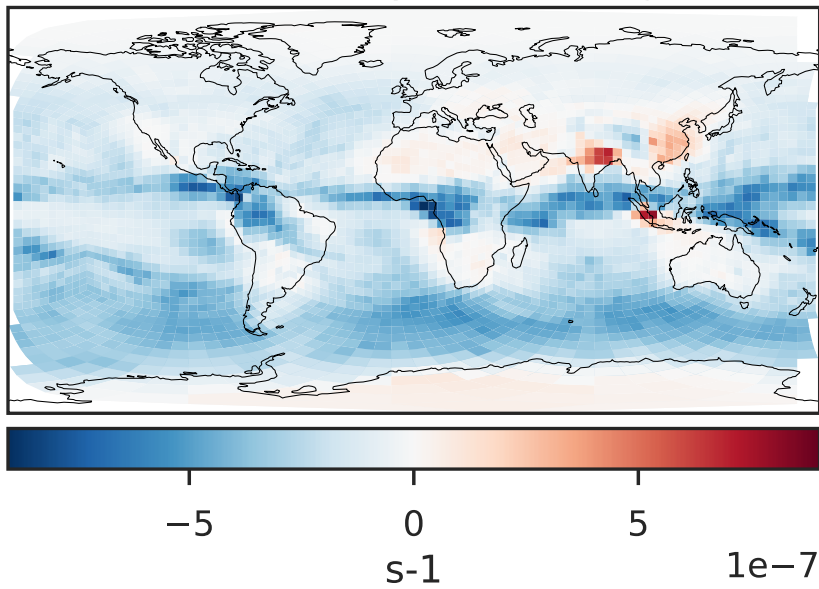
14.2.0-rc.2 (Ref)
c24



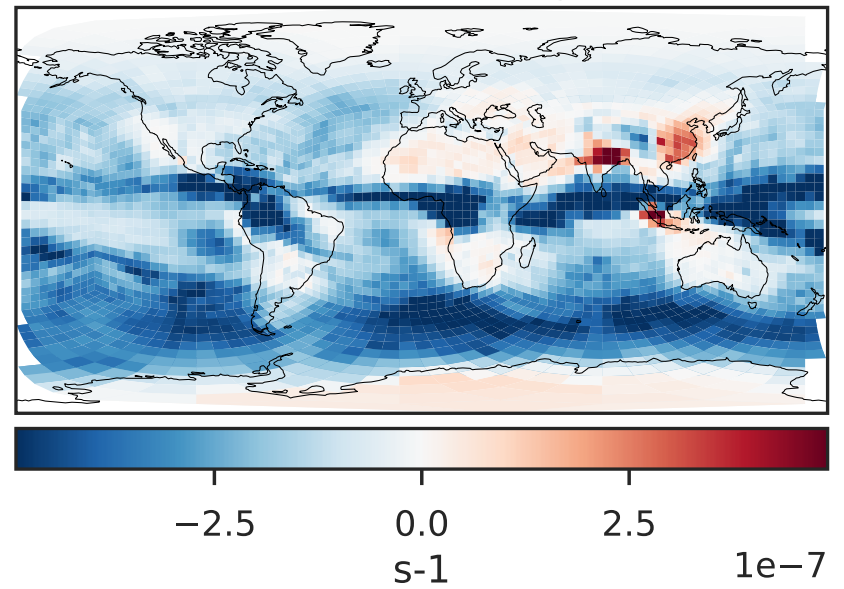
14.3.0-rc.0 (Dev)
c24



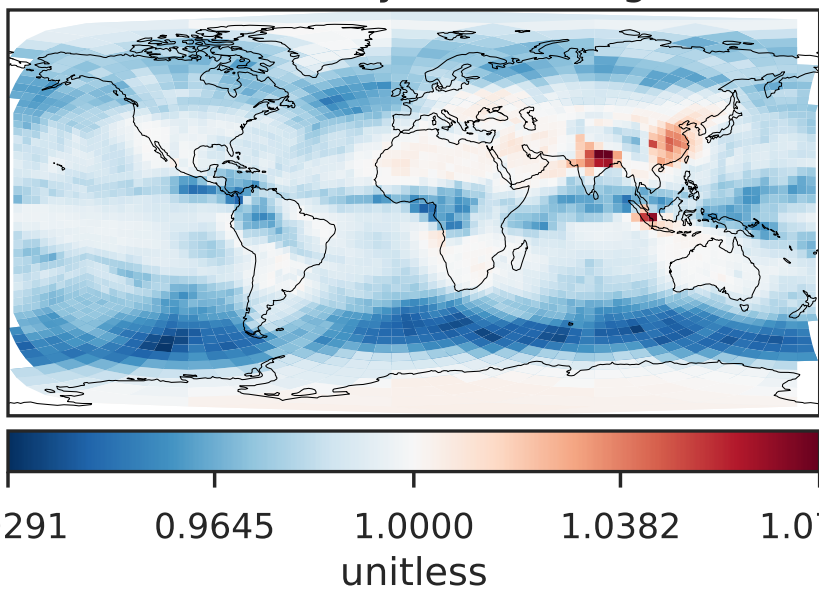
Difference
Dev - Ref, Dynamic Range



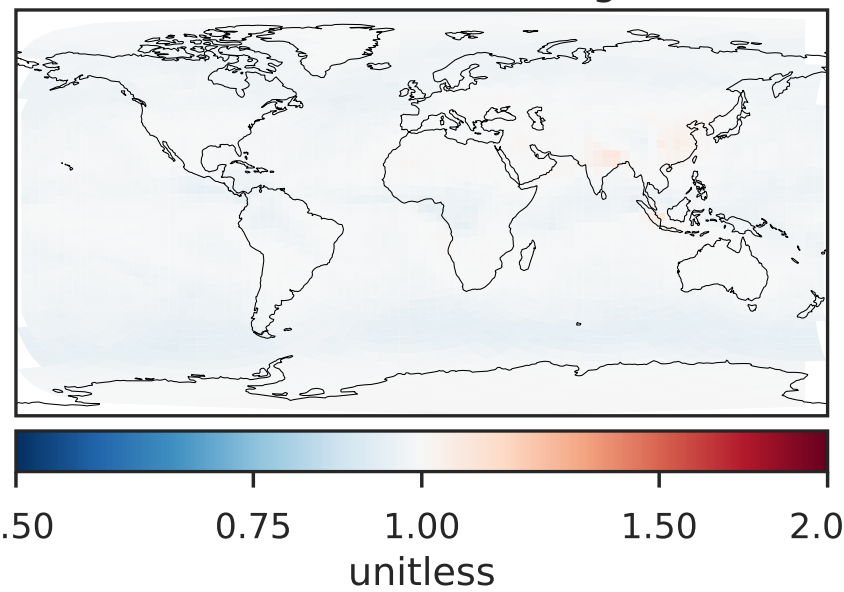
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

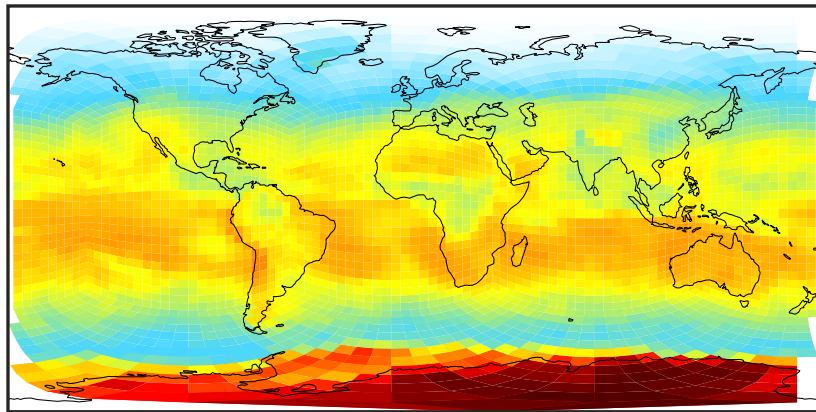


Ratio
Dev/Ref, Fixed Range



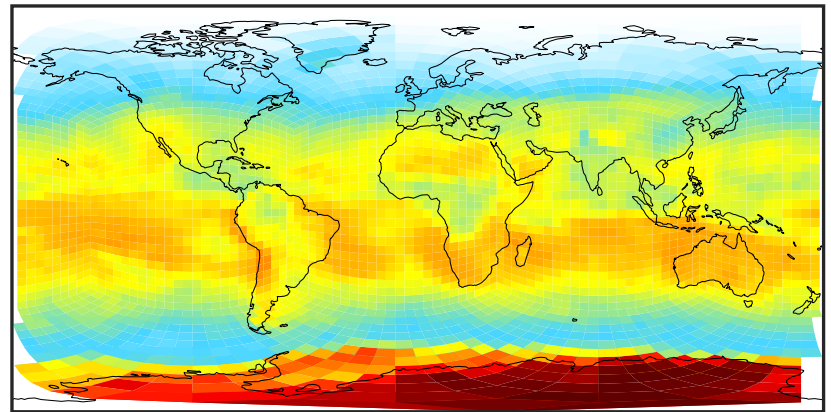
Jval_ICI (Oct2019)

14.2.0-rc.2 (Ref)
c24



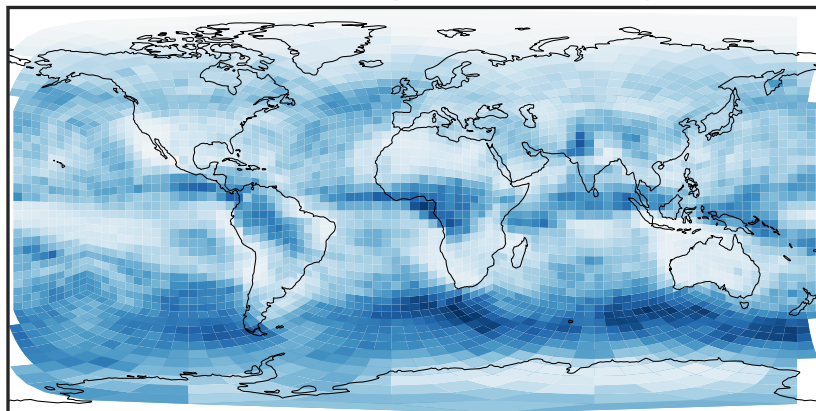
0.005 0.010 0.015
s-1

14.3.0-rc.0 (Dev)
c24



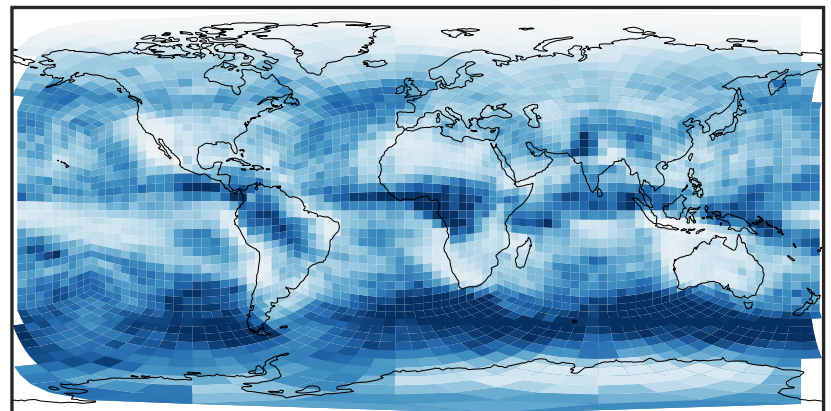
0.005 0.010 0.015
s-1

Difference
Dev - Ref, Dynamic Range



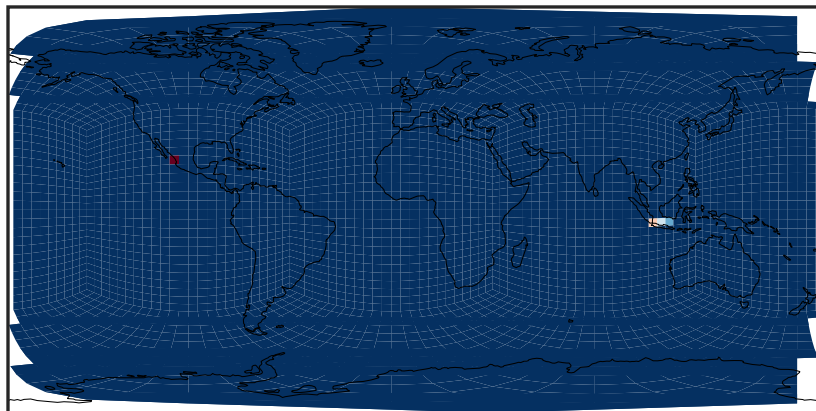
-0.0004 0.0000 0.0004
s-1

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



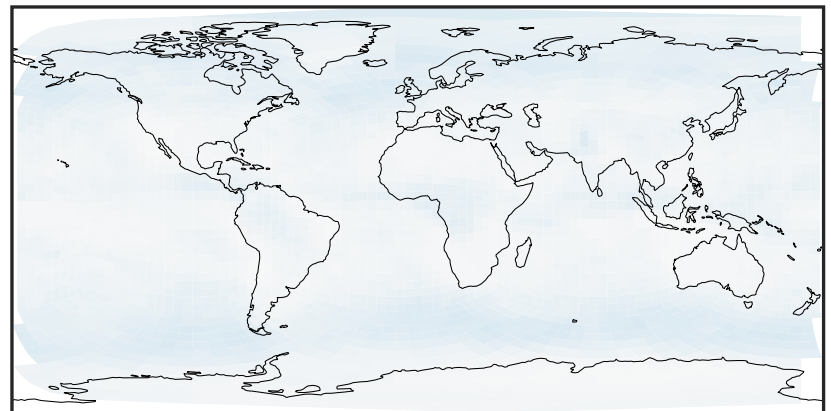
-0.0003 0.0000 0.0003
s-1

Ratio
Dev/Ref, Dynamic Range



0.997769 0.998885 1.000000 1.001118 1.002236
unitless

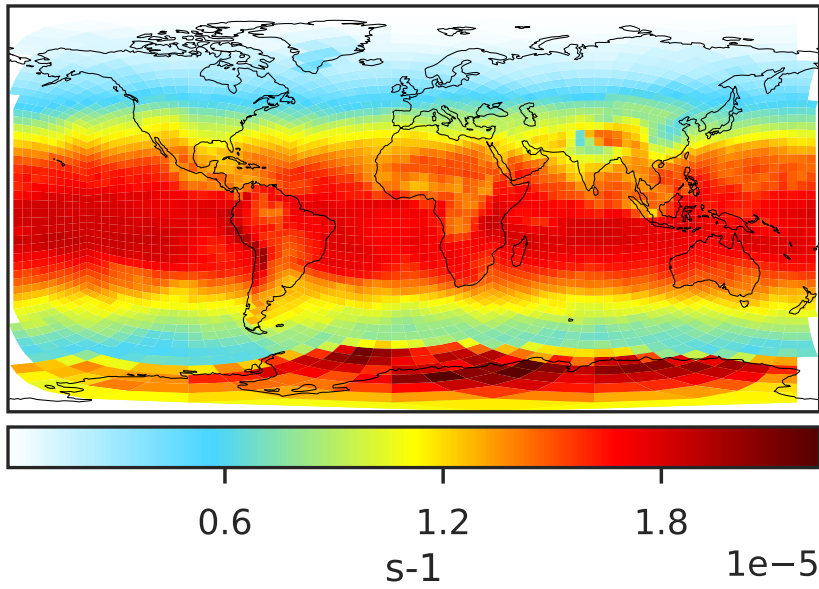
Ratio
Dev/Ref, Fixed Range



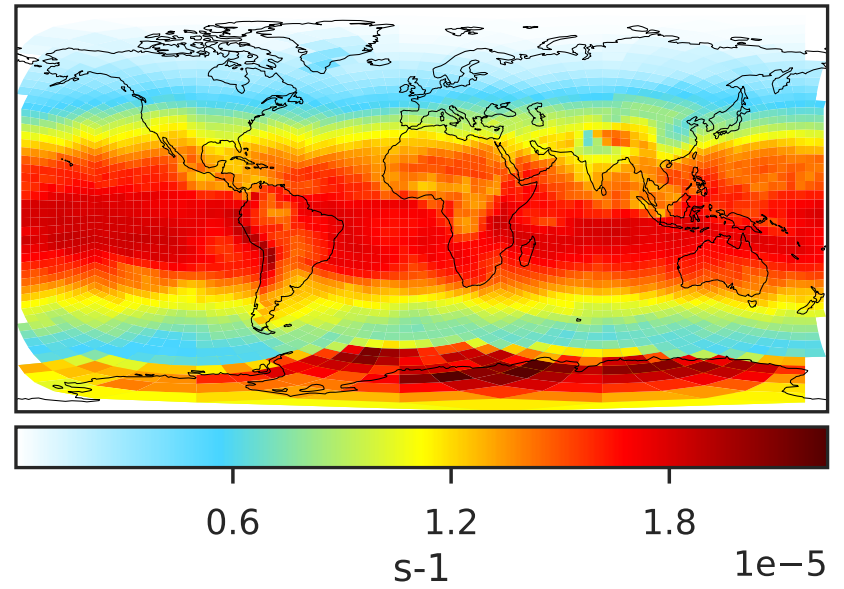
0.50 0.75 1.00 1.50 2.00
unitless

Jval_IDCHP (Oct2019)

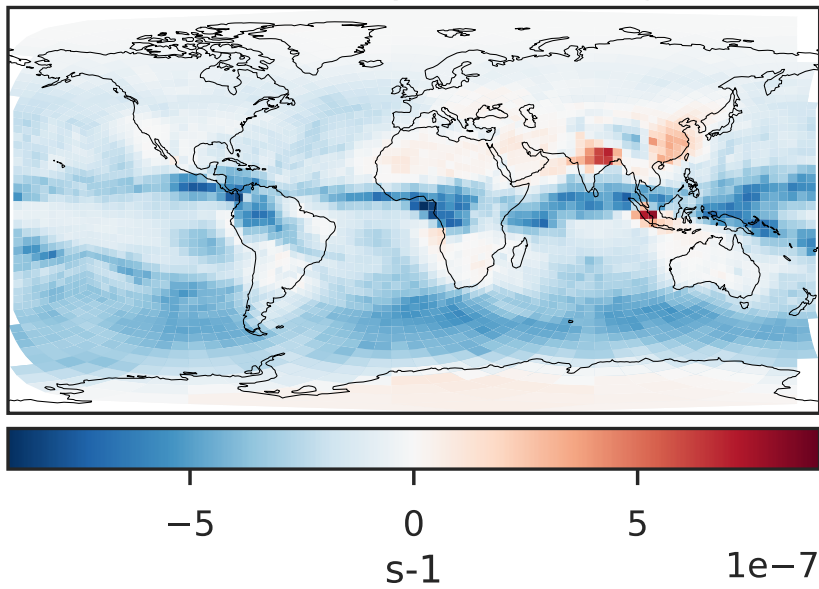
14.2.0-rc.2 (Ref)
c24



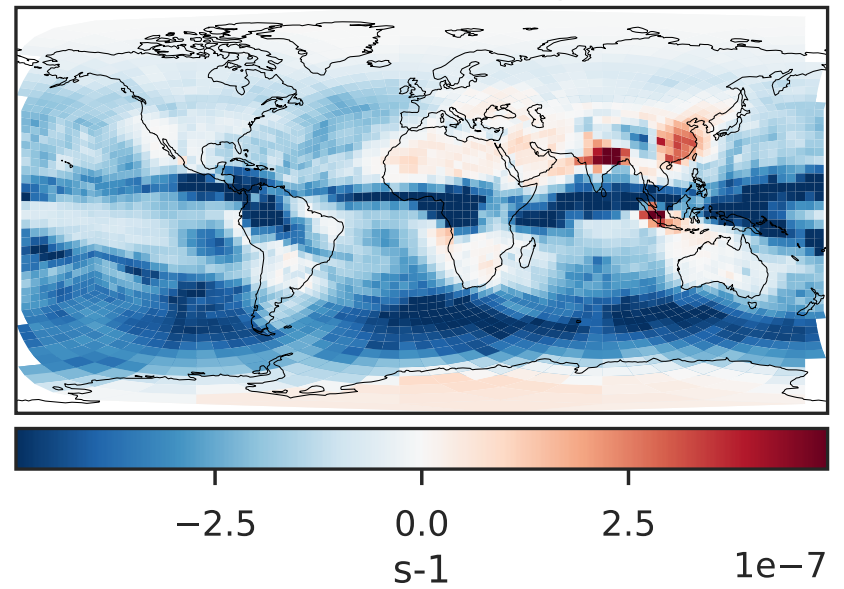
14.3.0-rc.0 (Dev)
c24



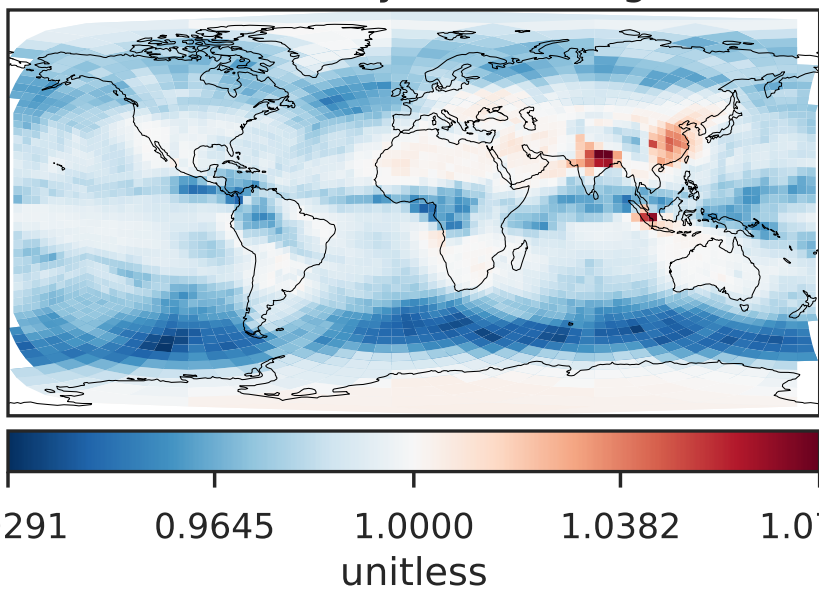
Difference
Dev - Ref, Dynamic Range



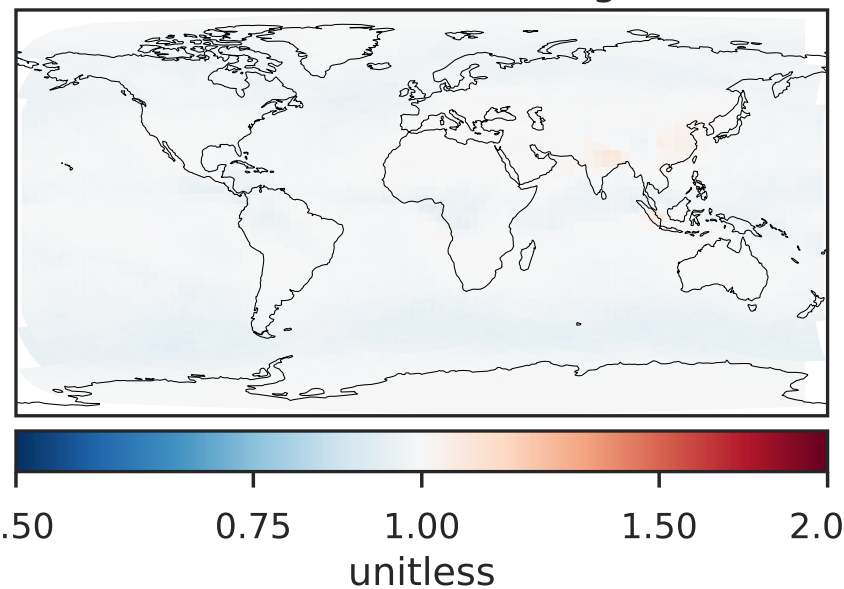
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

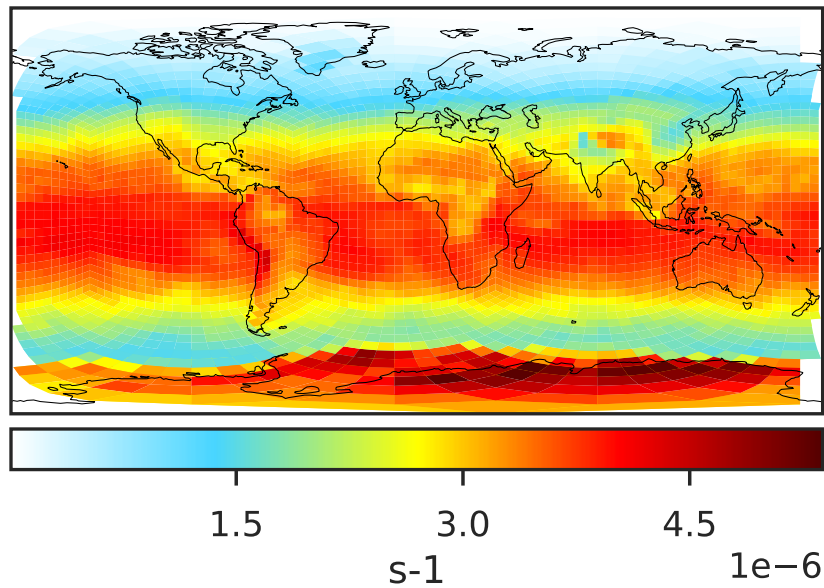


Ratio
Dev/Ref, Fixed Range

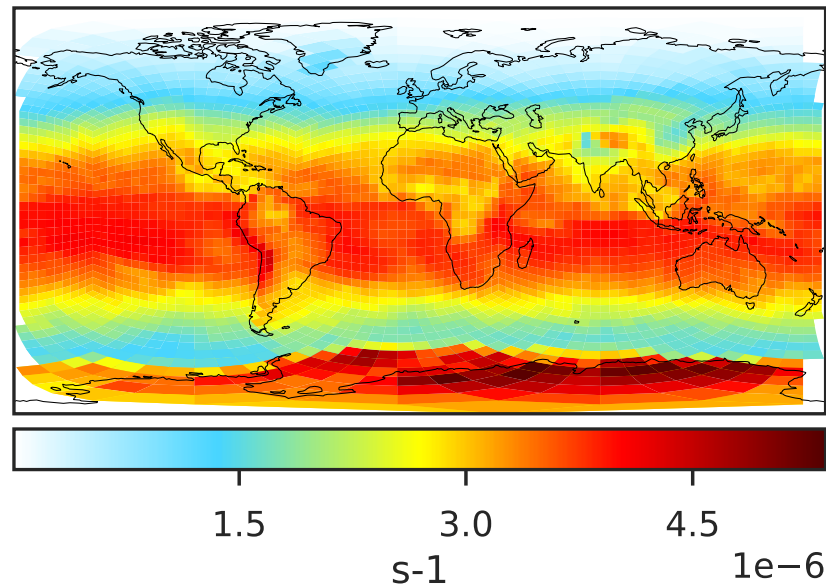


Jval_IDHDP (Oct2019)

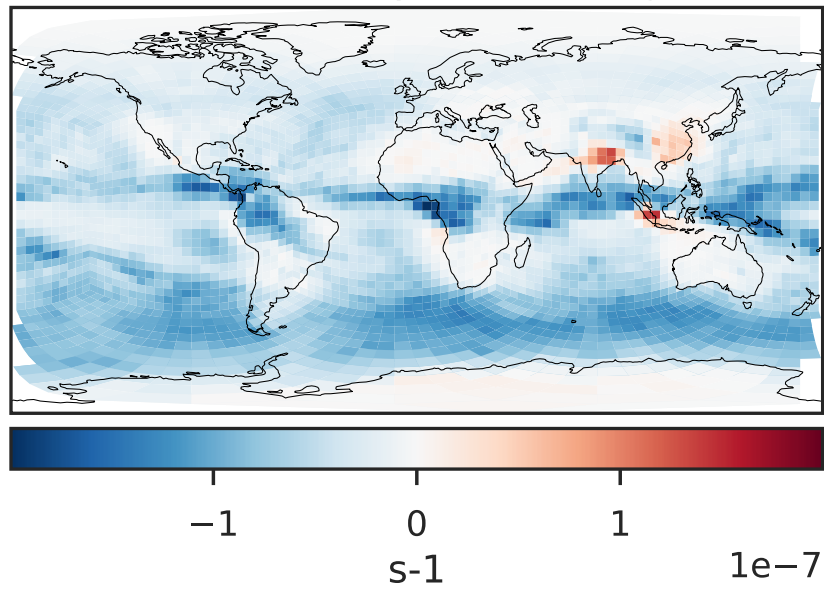
14.2.0-rc.2 (Ref)
c24



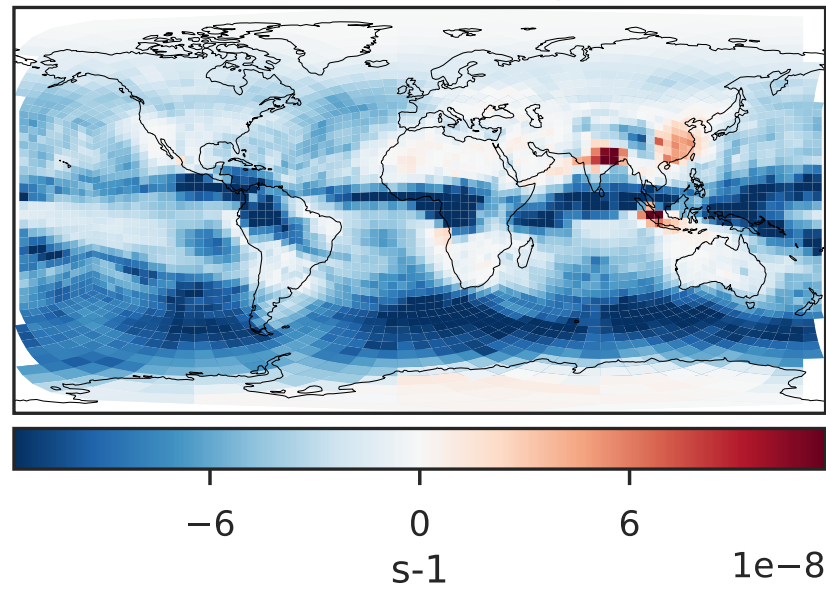
14.3.0-rc.0 (Dev)
c24



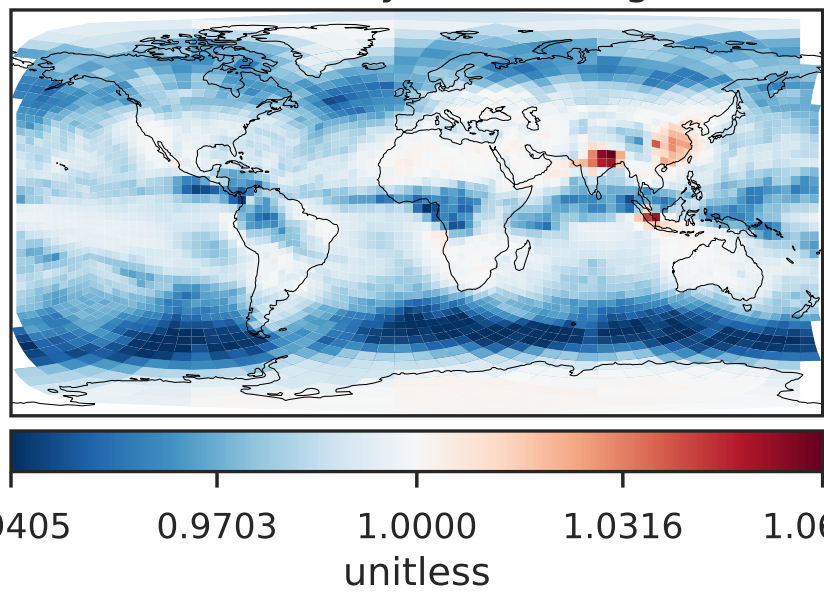
Difference
Dev - Ref, Dynamic Range



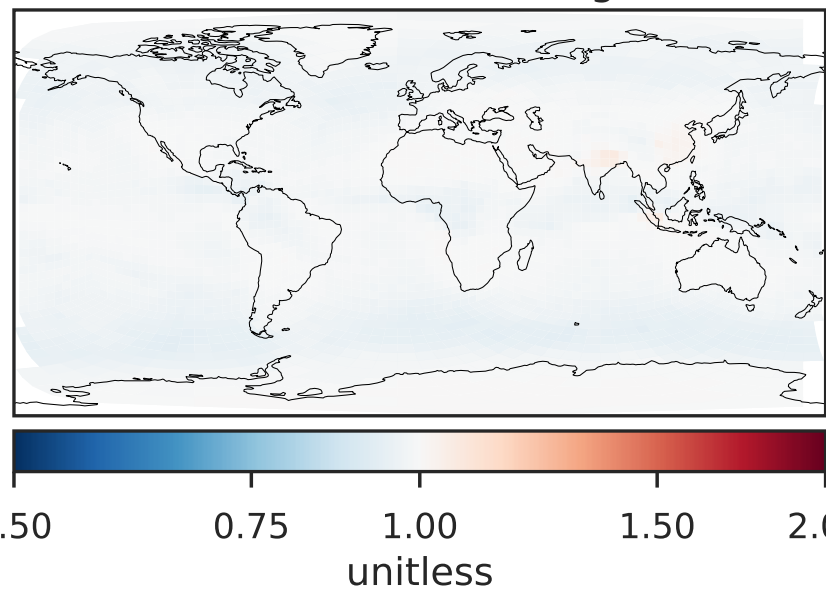
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

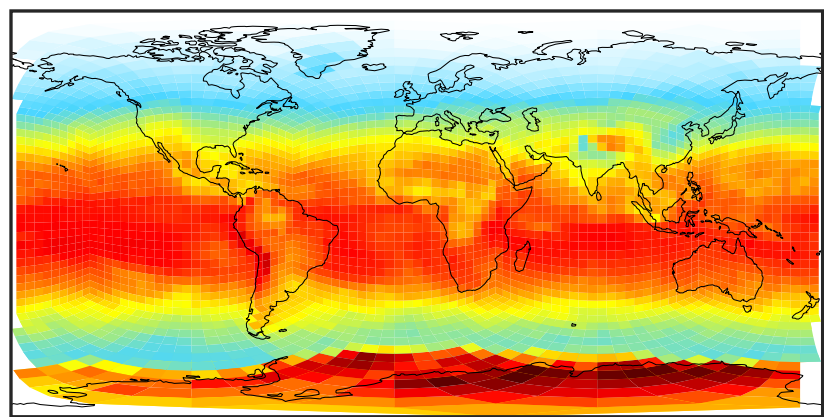


Ratio
Dev/Ref, Fixed Range



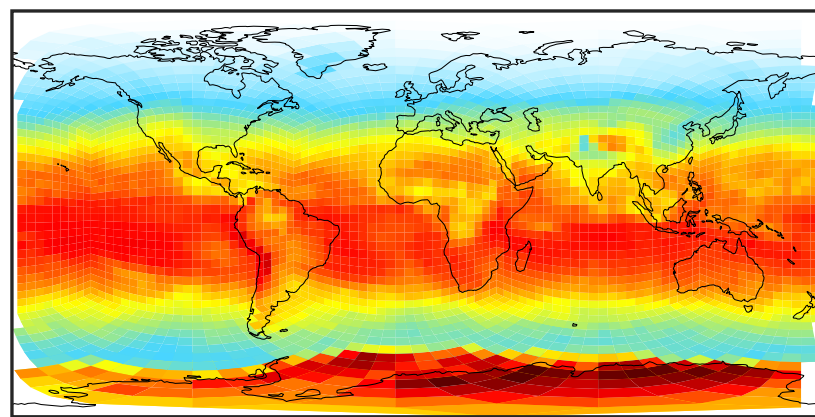
Jval_IDHPE (Oct2019)

14.2.0-rc.2 (Ref)
c24



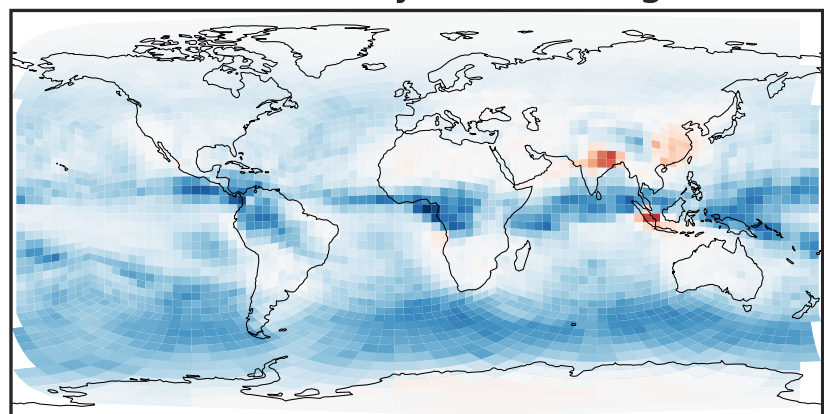
0.8 1.6 2.4
s-1 1e-6

14.3.0-rc.0 (Dev)
c24



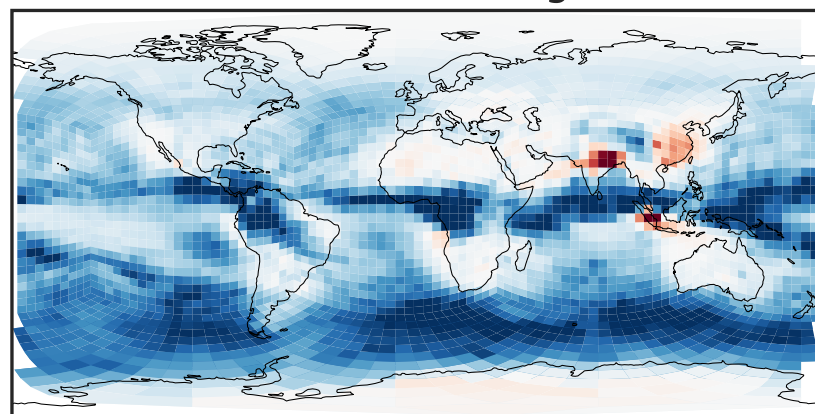
0.8 1.6 2.4
s-1 1e-6

Difference
Dev - Ref, Dynamic Range



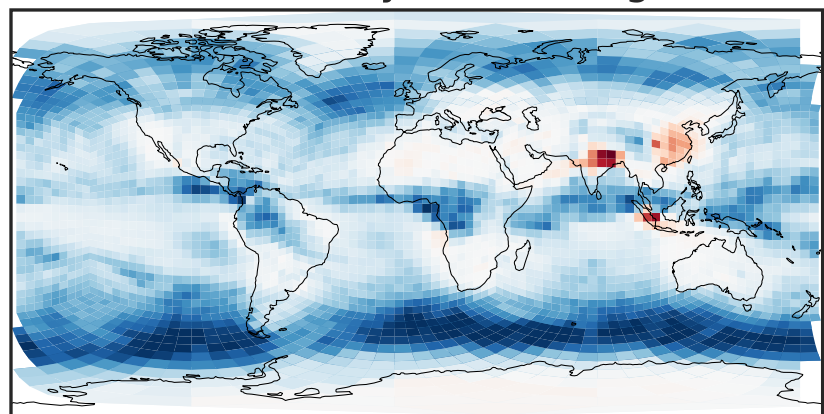
-5 0 5
s-1 1e-8

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



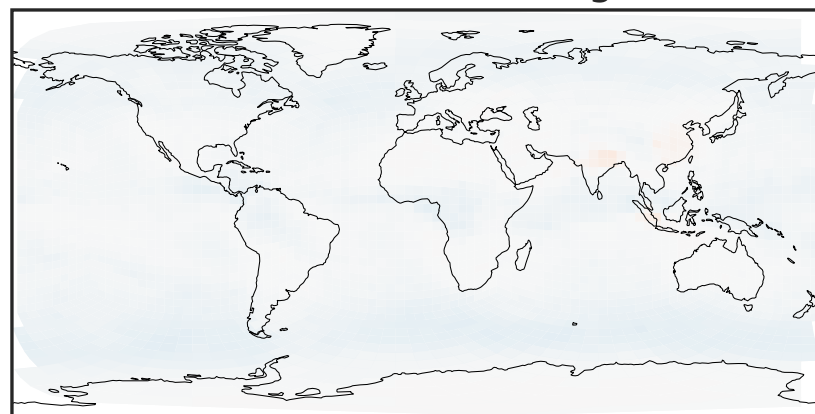
-3 0 3
s-1 1e-8

Ratio
Dev/Ref, Dynamic Range



0.9405 0.9703 1.0000 1.0316 1.0632
unitless

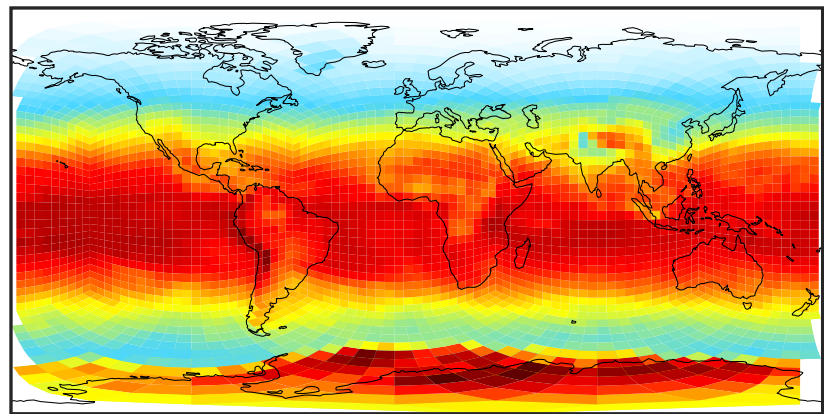
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

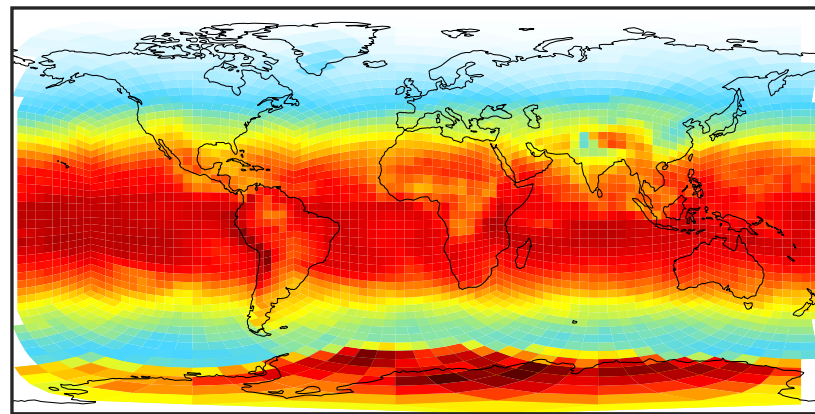
Jval_IDN (Oct2019)

14.2.0-rc.2 (Ref)
c24



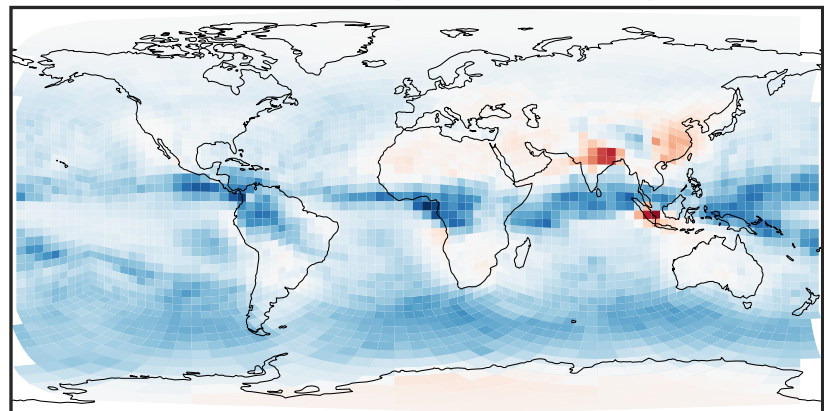
0.5 1.0 1.5
s-1 $1e-6$

14.3.0-rc.0 (Dev)
c24



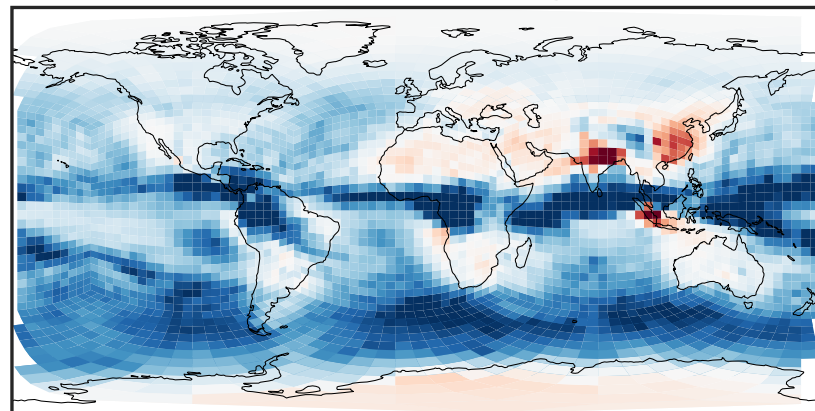
0.5 1.0 1.5
s-1 $1e-6$

Difference
Dev - Ref, Dynamic Range



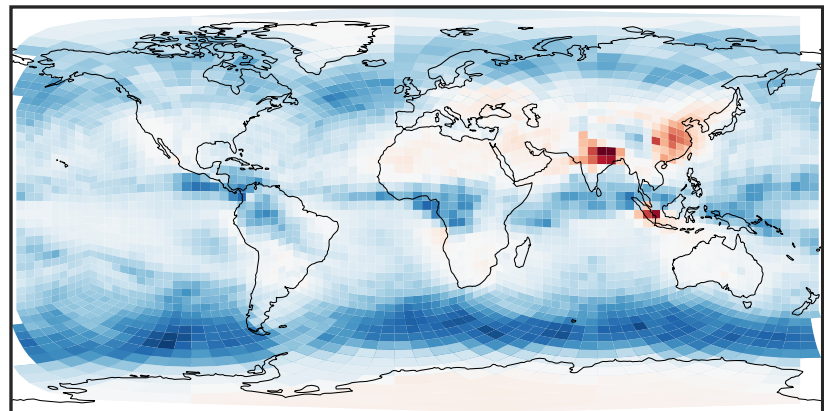
-5 0 5
s-1 $1e-8$

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



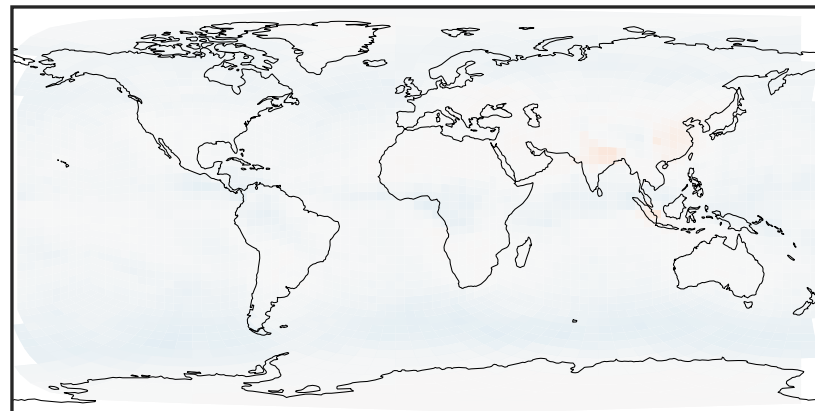
-2.5 0.0 2.5
s-1 $1e-8$

Ratio
Dev/Ref, Dynamic Range



0.9269 0.9634 1.0000 1.0394 1.0789
unitless

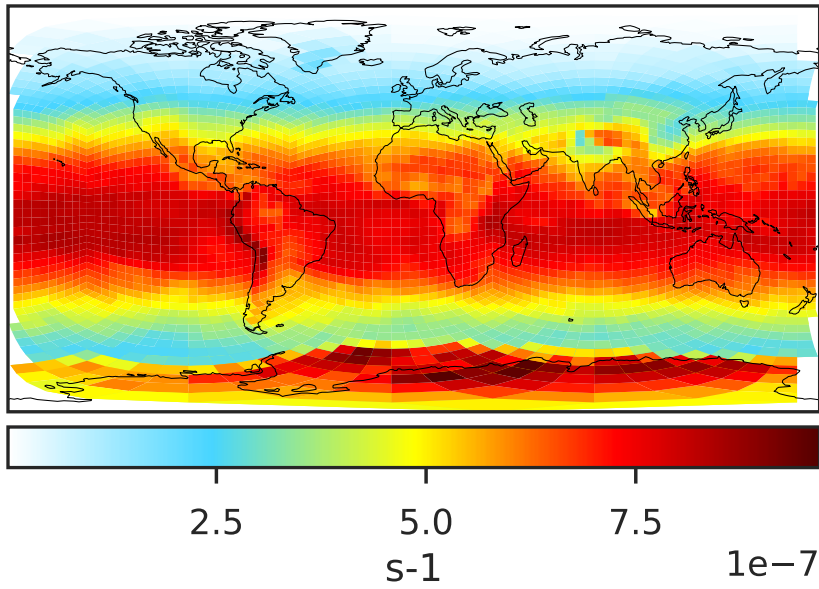
Ratio
Dev/Ref, Fixed Range



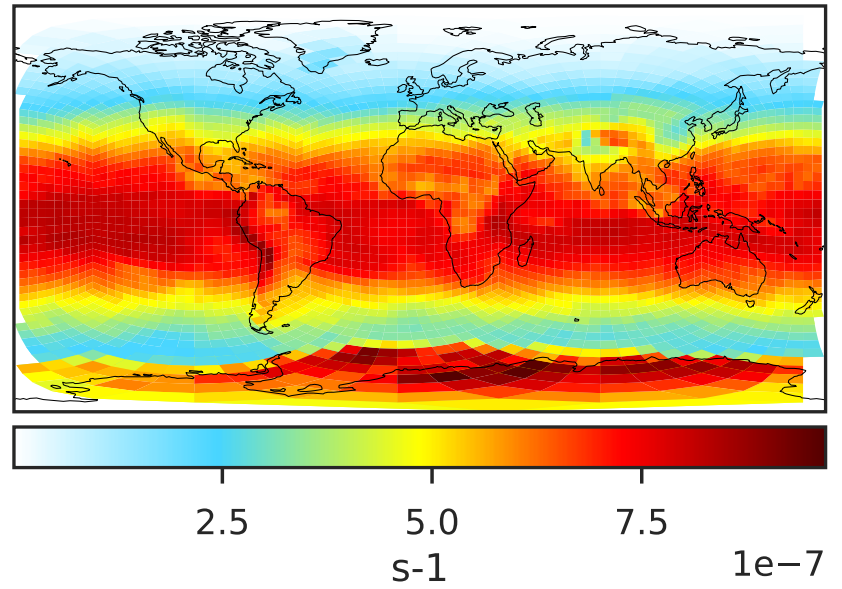
0.50 0.75 1.00 1.50 2.00
unitless

Jval_IHN1 (Oct2019)

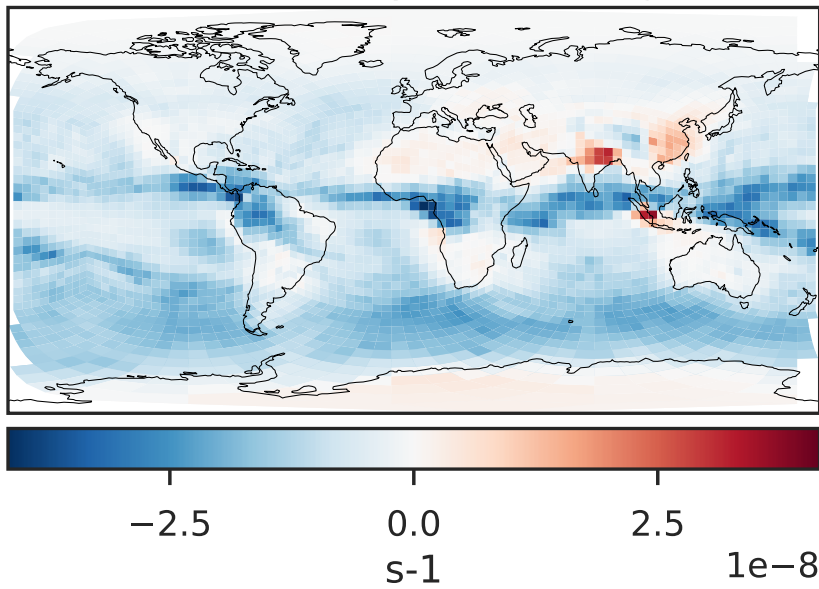
14.2.0-rc.2 (Ref)
c24



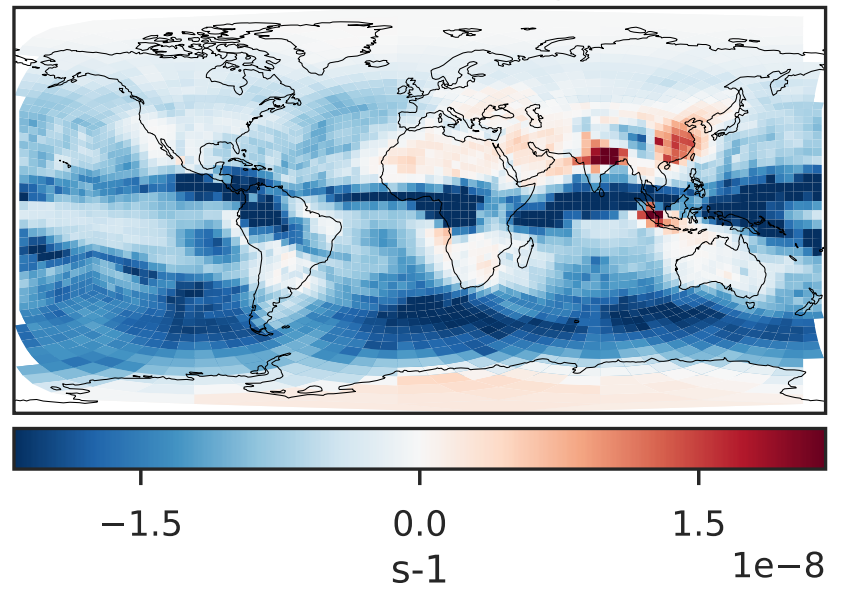
14.3.0-rc.0 (Dev)
c24



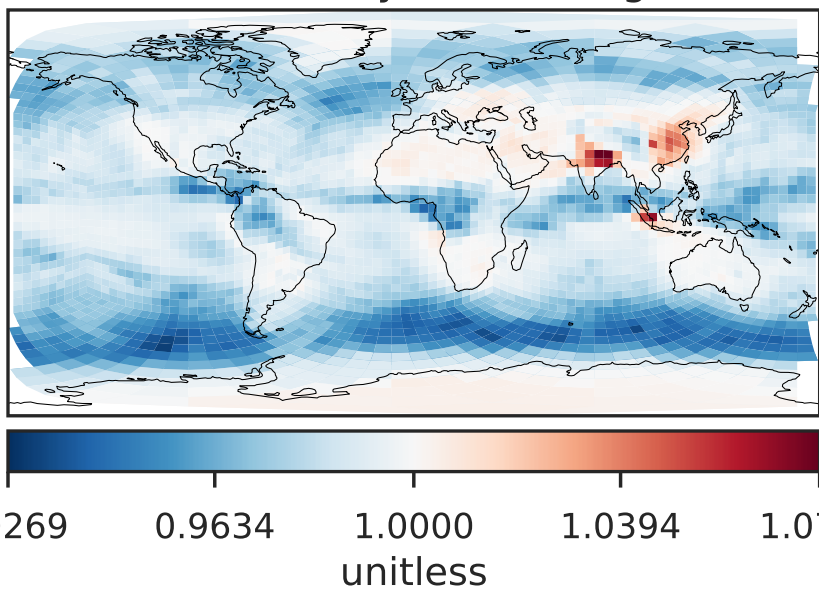
Difference
Dev - Ref, Dynamic Range



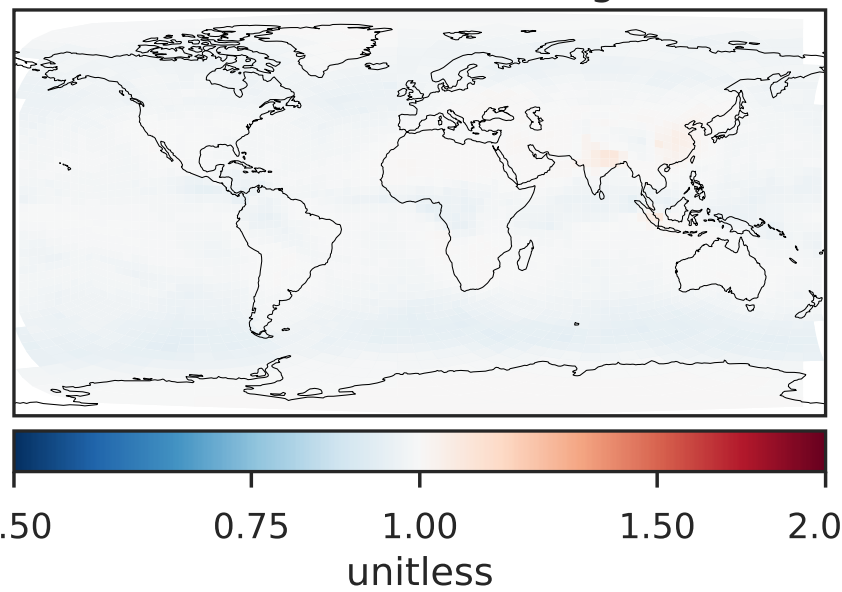
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

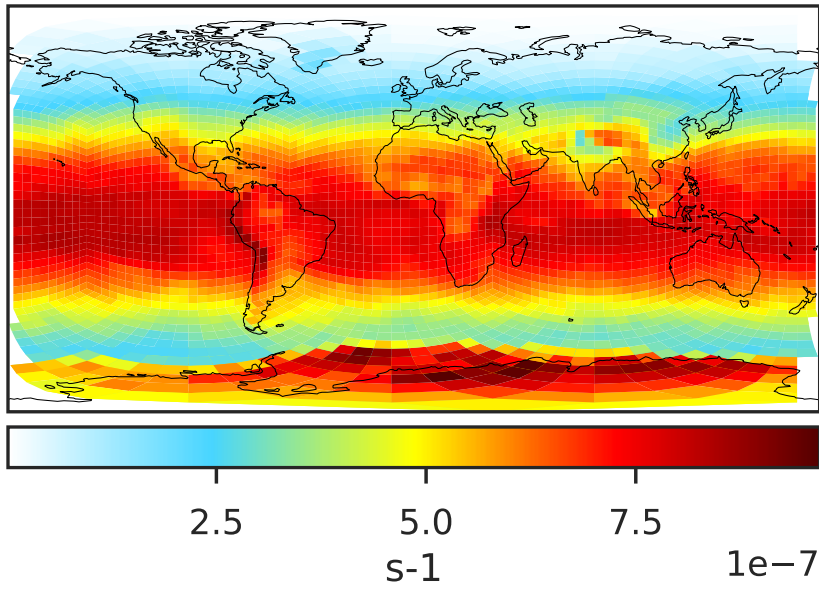


Ratio
Dev/Ref, Fixed Range

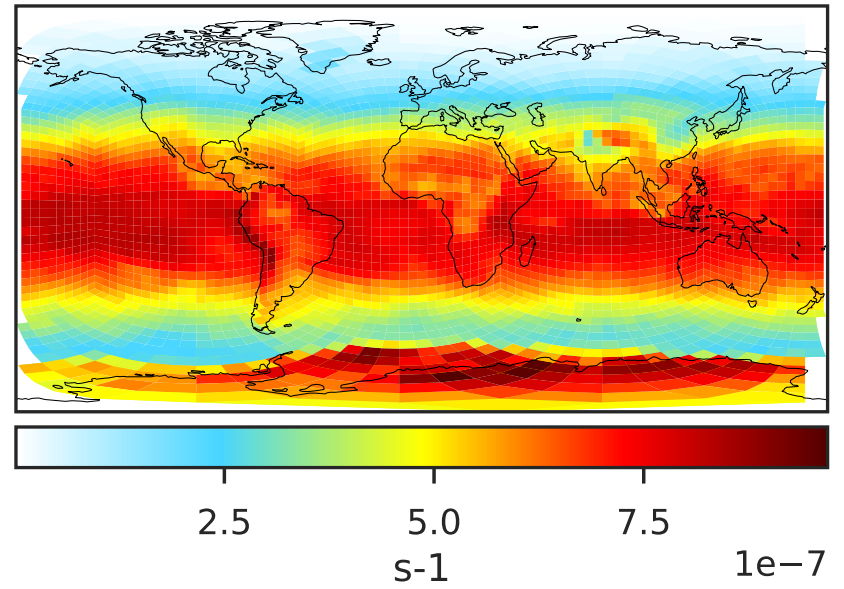


Jval_IHN2 (Oct2019)

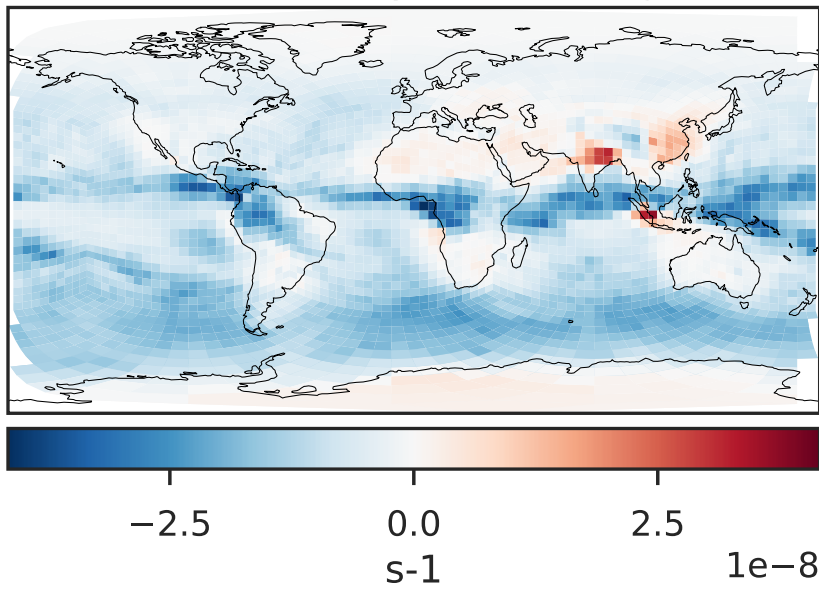
14.2.0-rc.2 (Ref)
c24



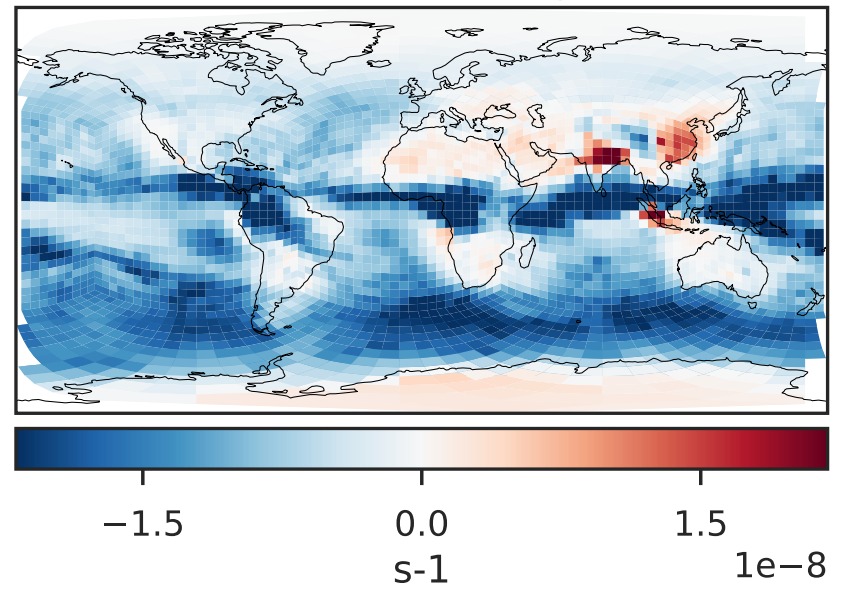
14.3.0-rc.0 (Dev)
c24



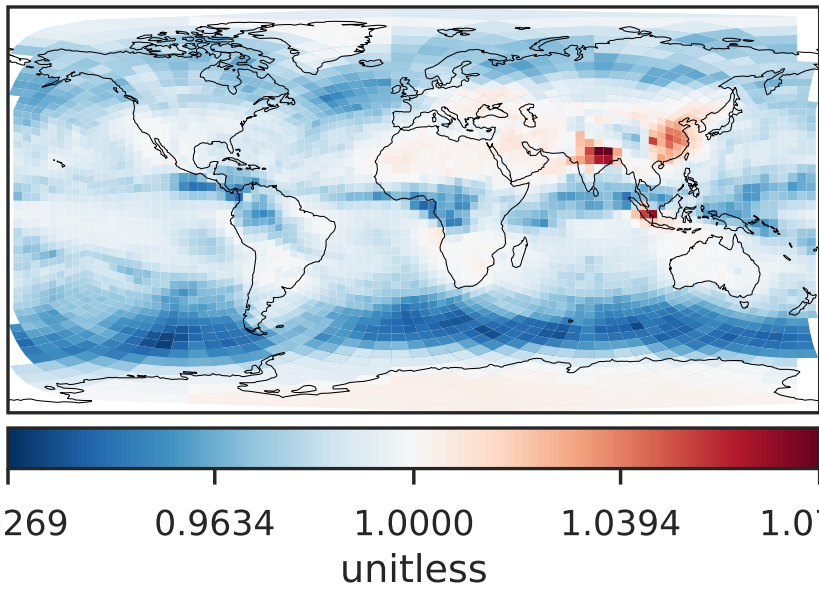
Difference
Dev - Ref, Dynamic Range



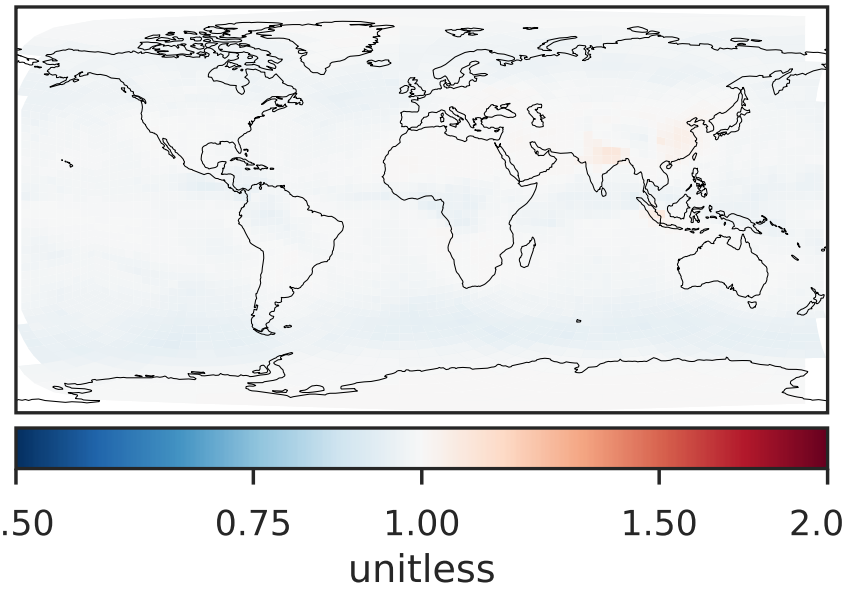
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

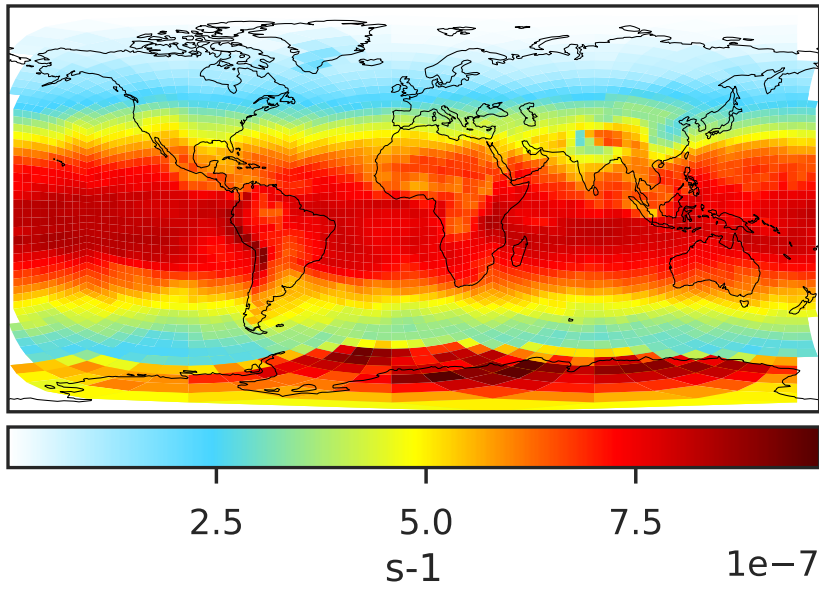


Ratio
Dev/Ref, Fixed Range

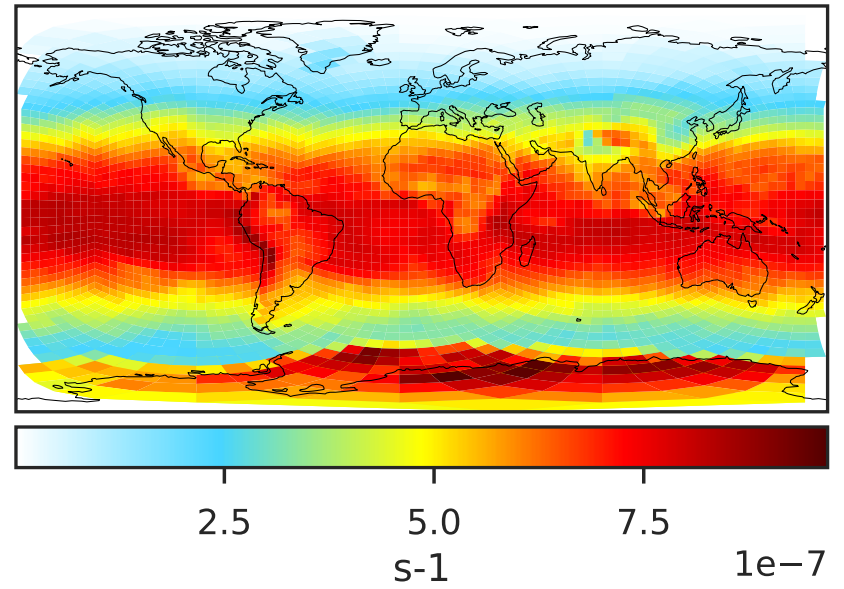


Jval_IHN3 (Oct2019)

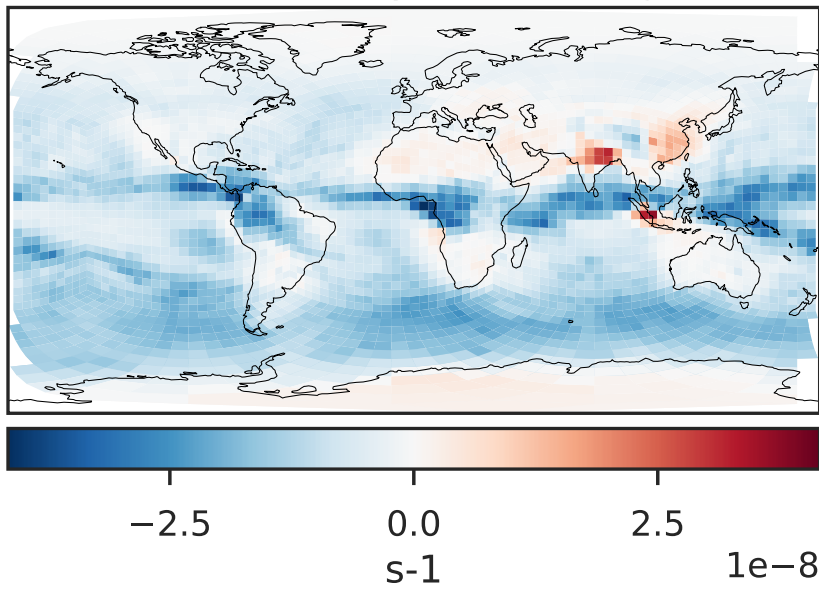
14.2.0-rc.2 (Ref)
c24



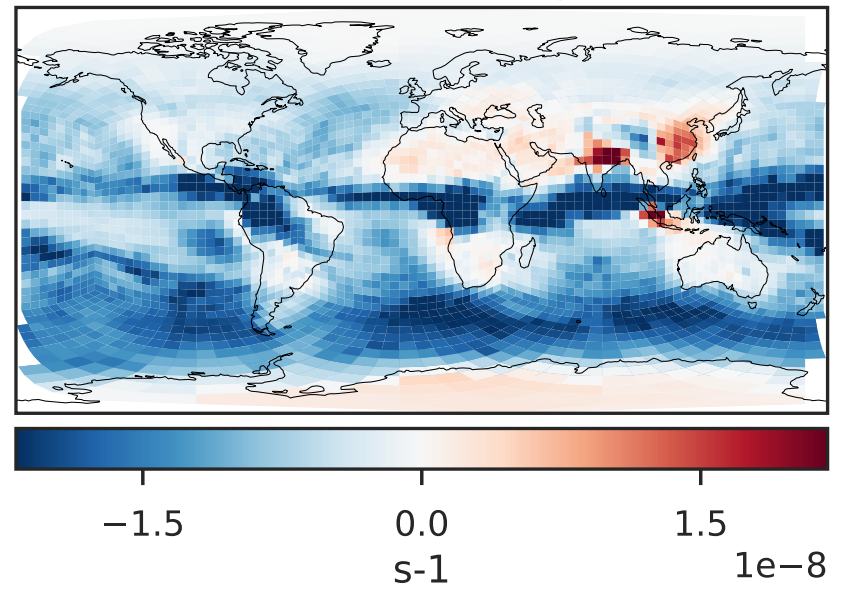
14.3.0-rc.0 (Dev)
c24



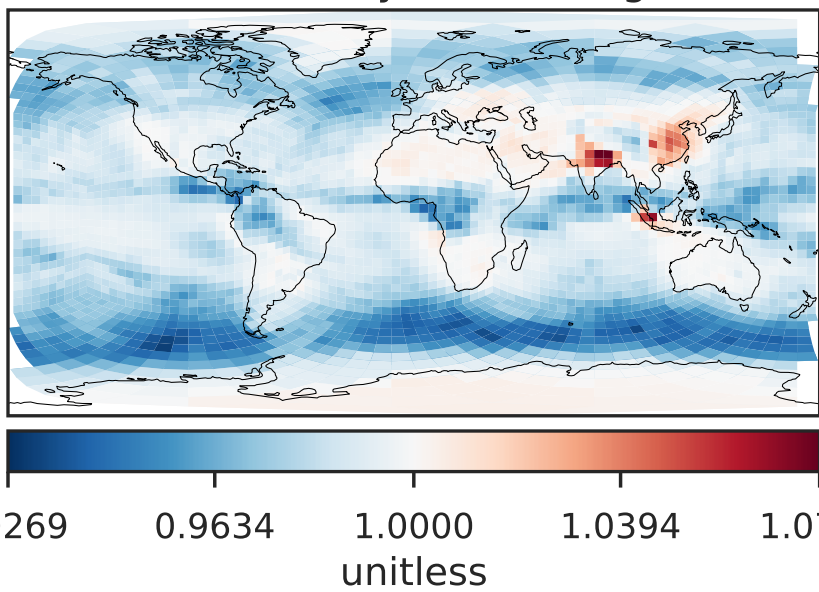
Difference
Dev - Ref, Dynamic Range



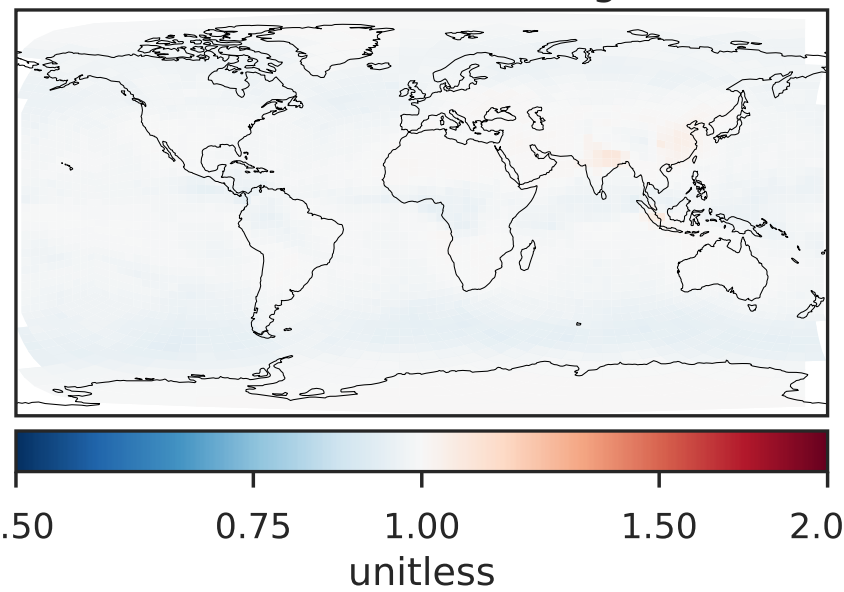
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

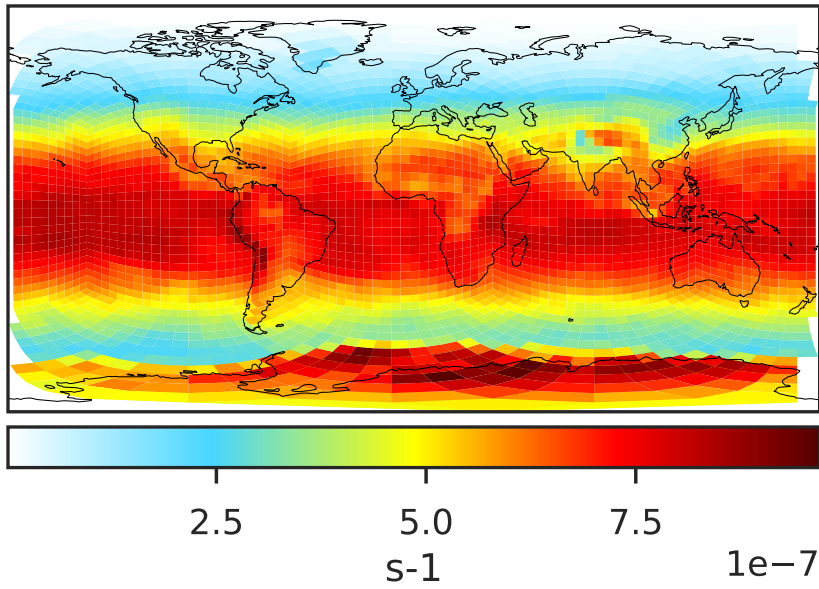


Ratio
Dev/Ref, Fixed Range

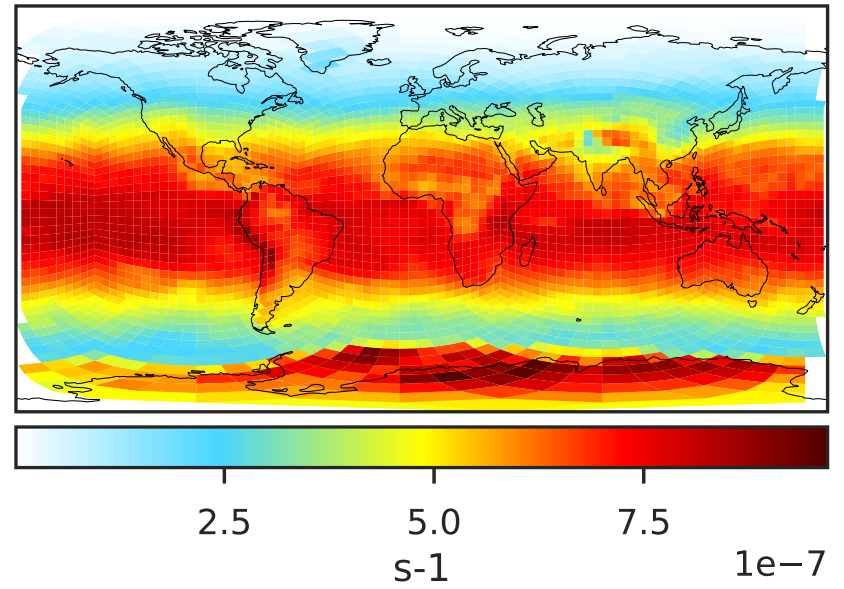


Jval_IHN4 (Oct2019)

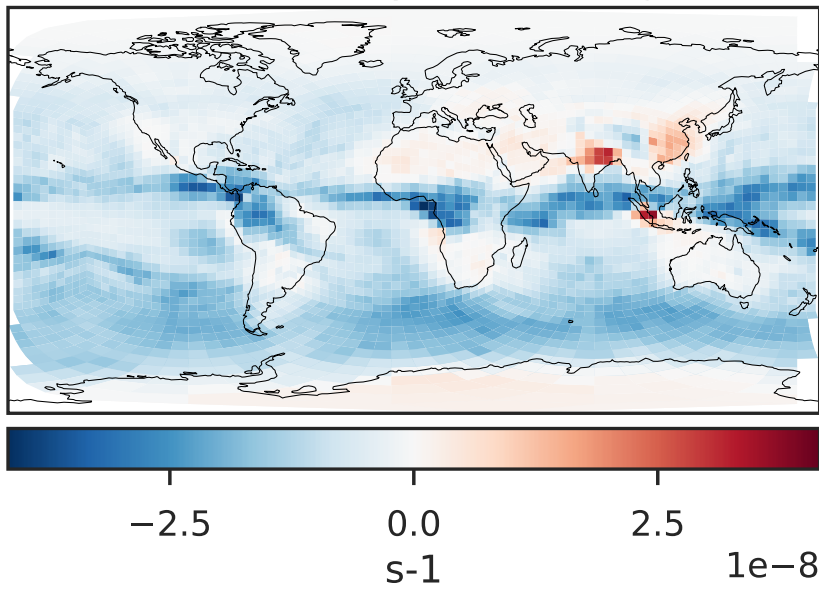
14.2.0-rc.2 (Ref)
c24



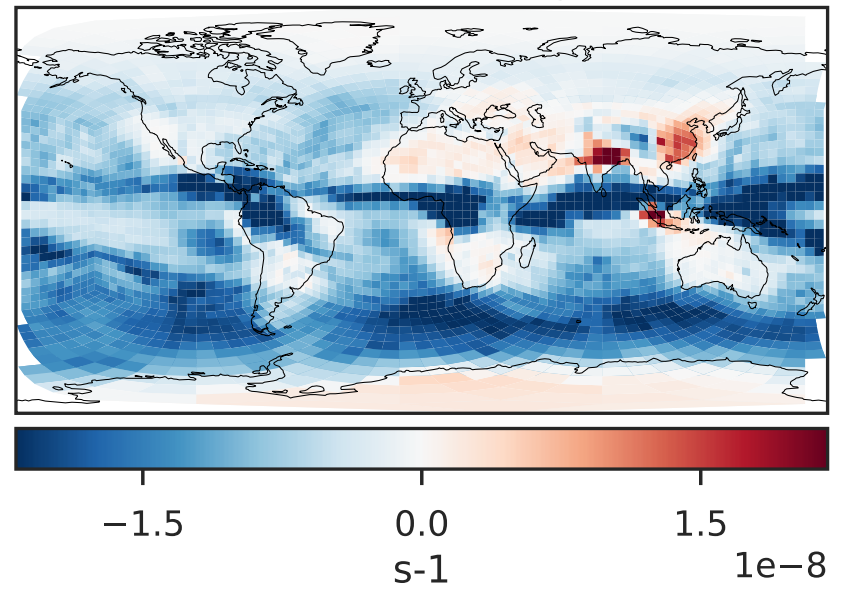
14.3.0-rc.0 (Dev)
c24



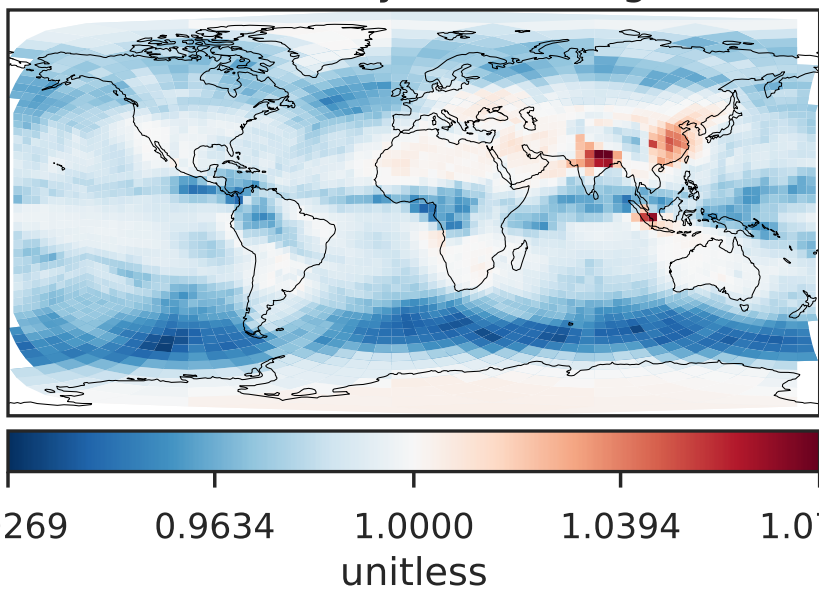
Difference
Dev - Ref, Dynamic Range



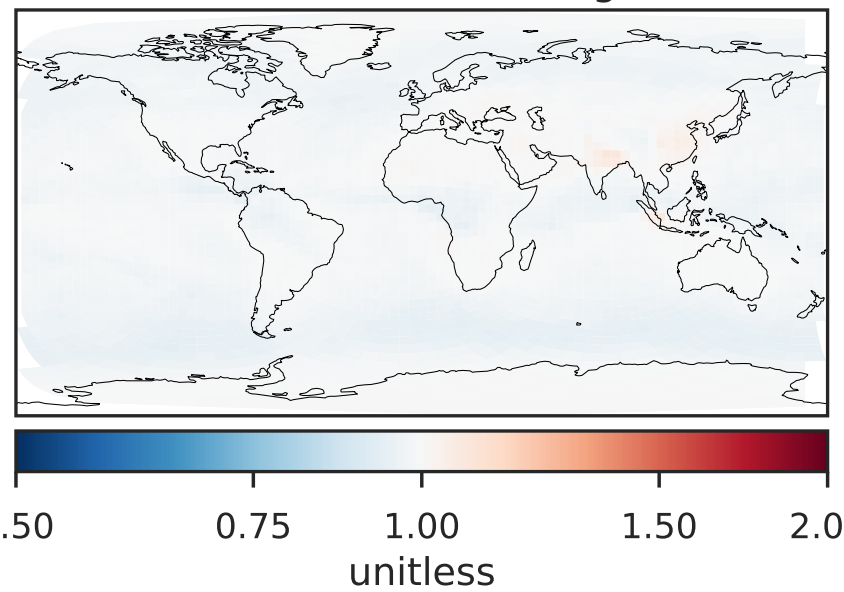
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

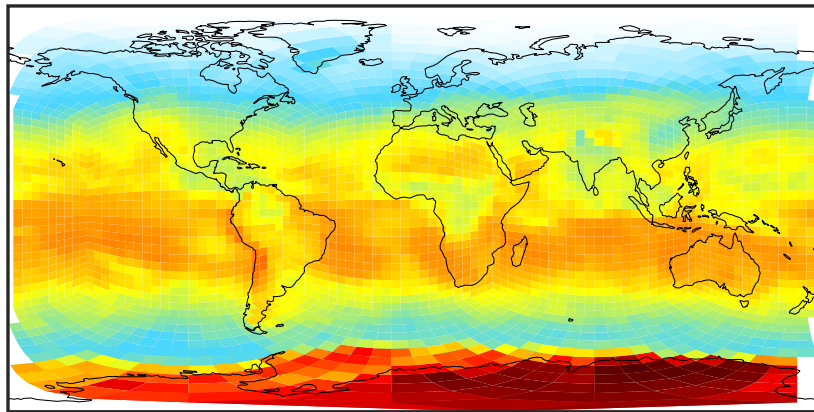


Ratio
Dev/Ref, Fixed Range



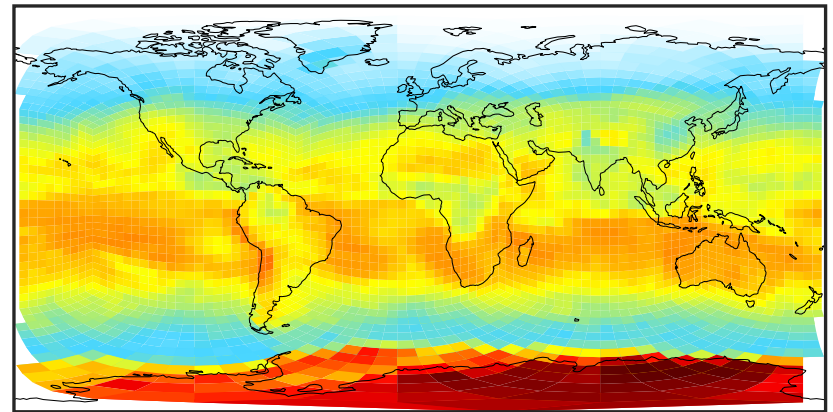
Jval_INO (Oct2019)

14.2.0-rc.2 (Ref)
c24



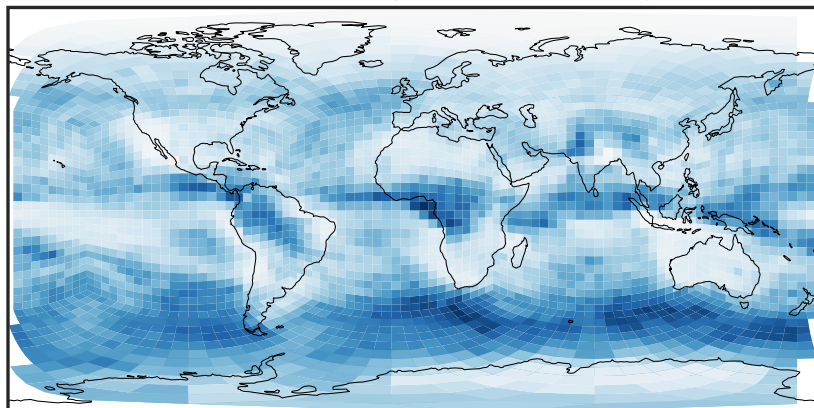
0.006 0.012 0.018
s-1

14.3.0-rc.0 (Dev)
c24



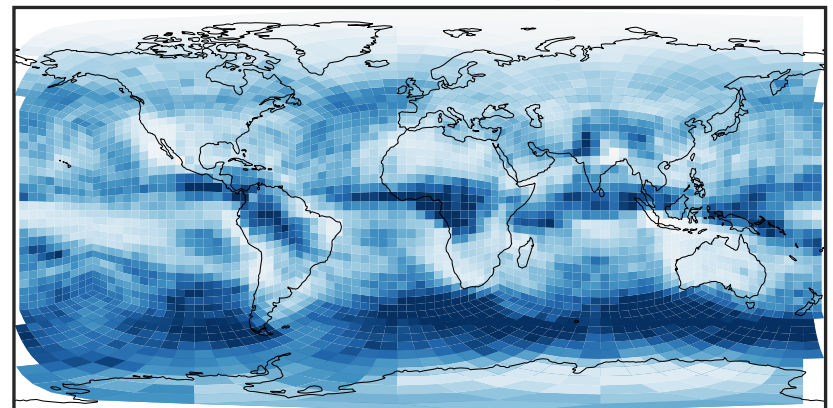
0.006 0.012 0.018
s-1

Difference
Dev - Ref, Dynamic Range



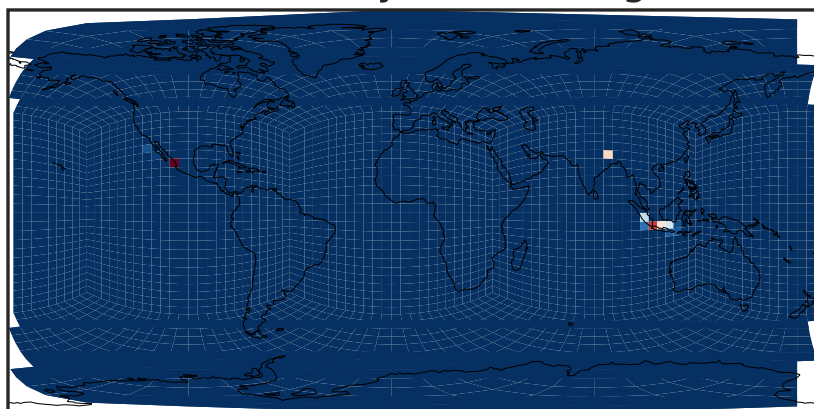
-0.0004 0.0000 0.0004
s-1

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



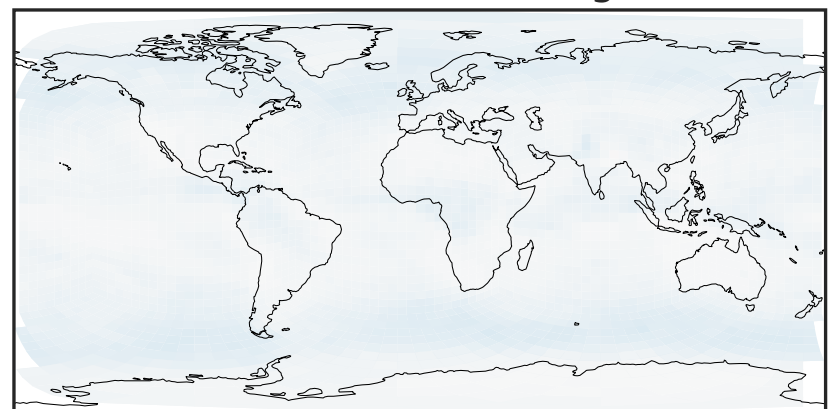
-0.0003 0.0000 0.0003
s-1

Ratio
Dev/Ref, Dynamic Range



0.997450 0.998725 1.000000 1.001278 1.002556
unitless

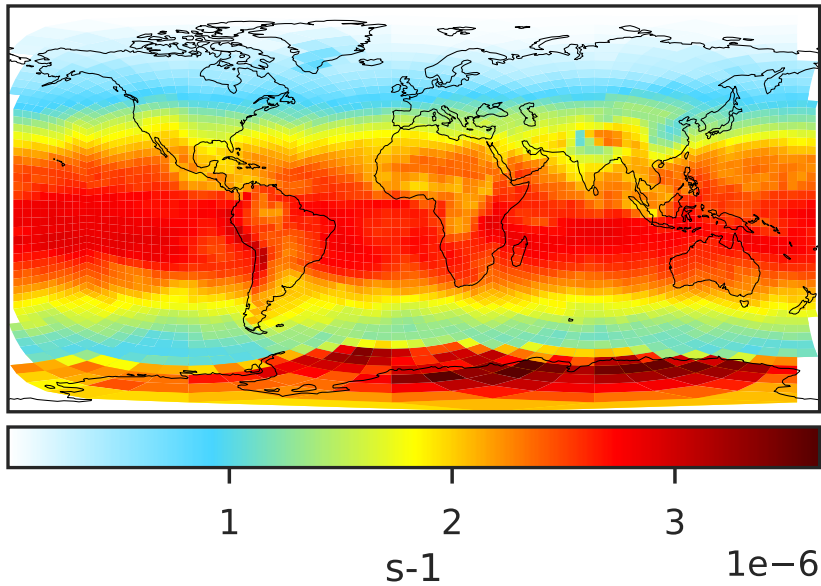
Ratio
Dev/Ref, Fixed Range



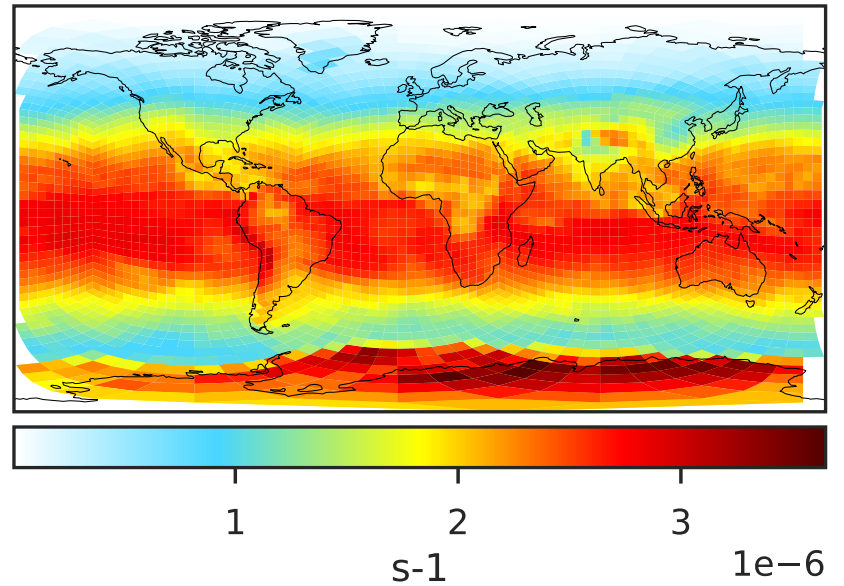
0.50 0.75 1.00 1.50 2.00
unitless

Jval_INPB (Oct2019)

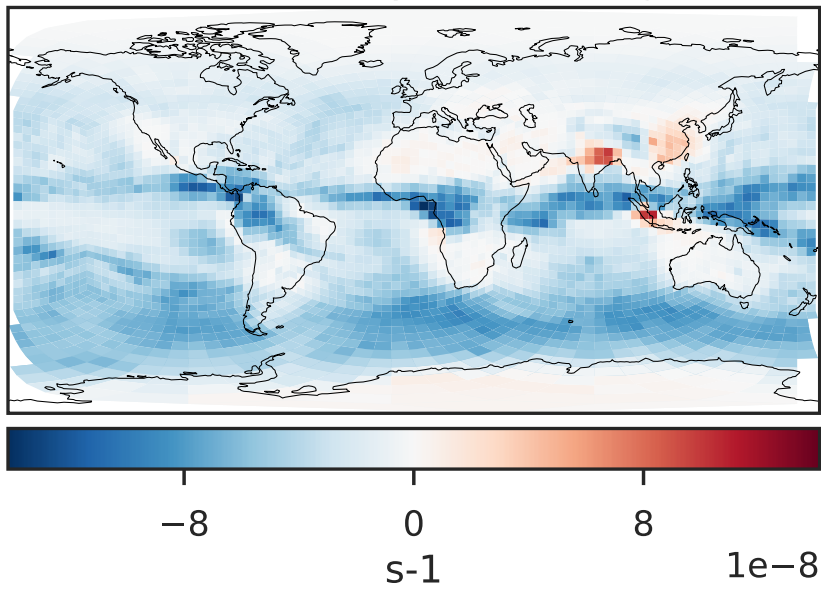
14.2.0-rc.2 (Ref)
c24



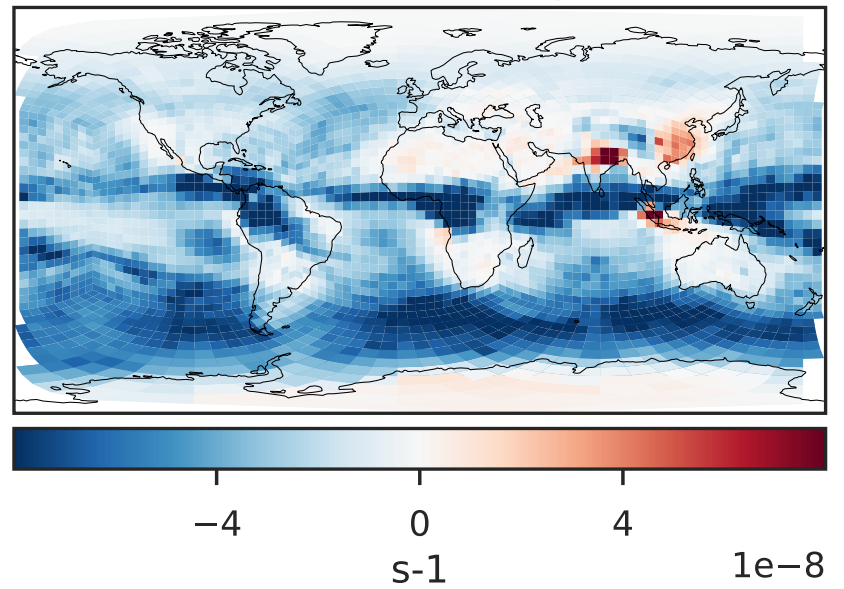
14.3.0-rc.0 (Dev)
c24



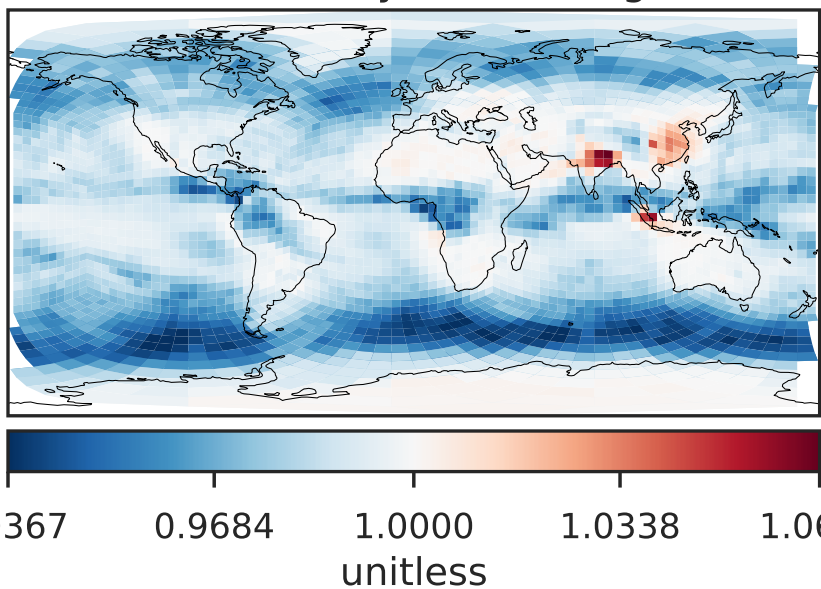
Difference
Dev - Ref, Dynamic Range



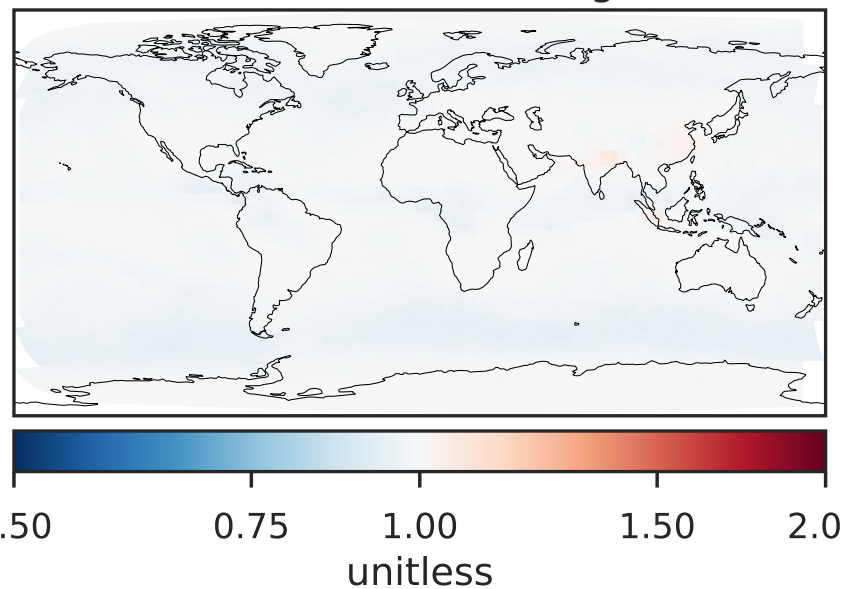
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

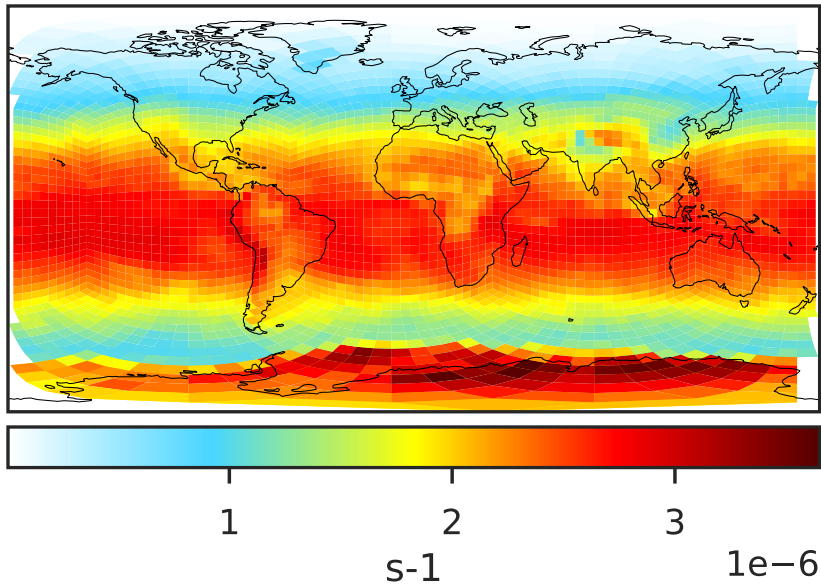


Ratio
Dev/Ref, Fixed Range

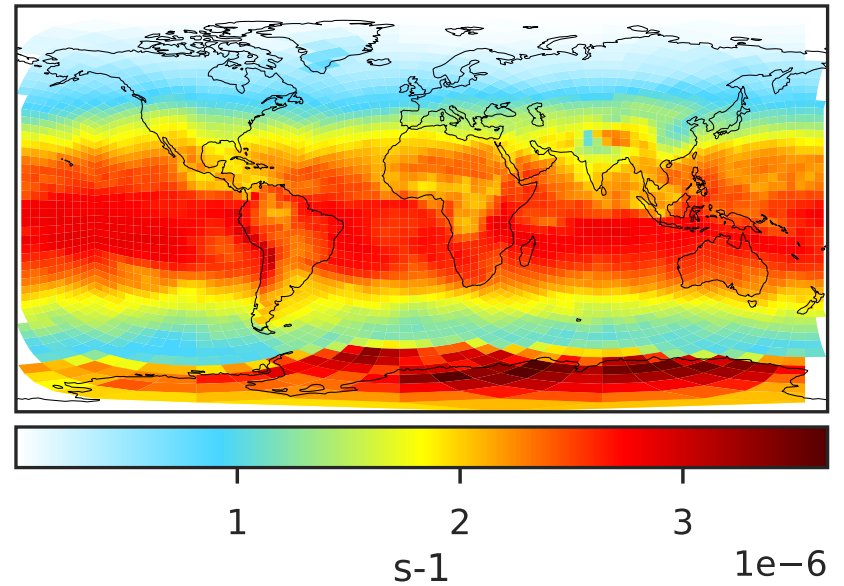


Jval_INPD (Oct2019)

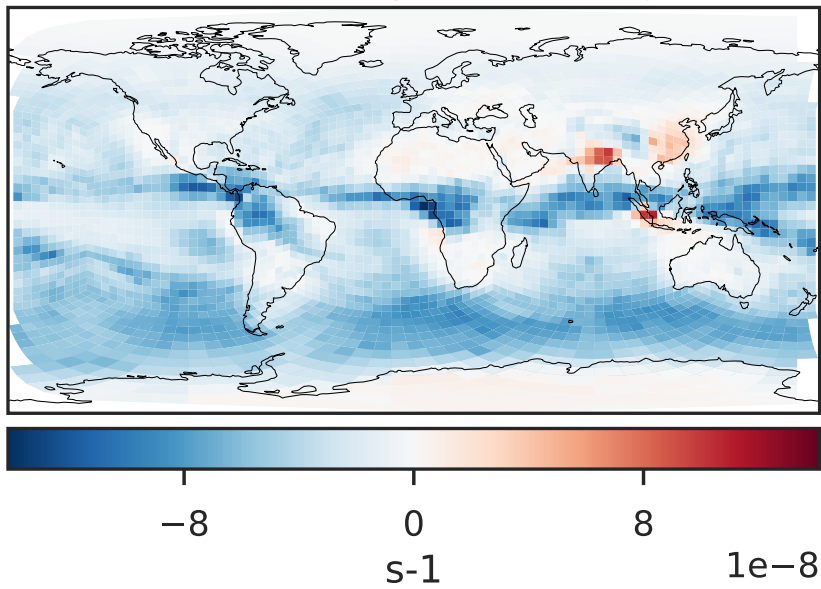
14.2.0-rc.2 (Ref)
c24



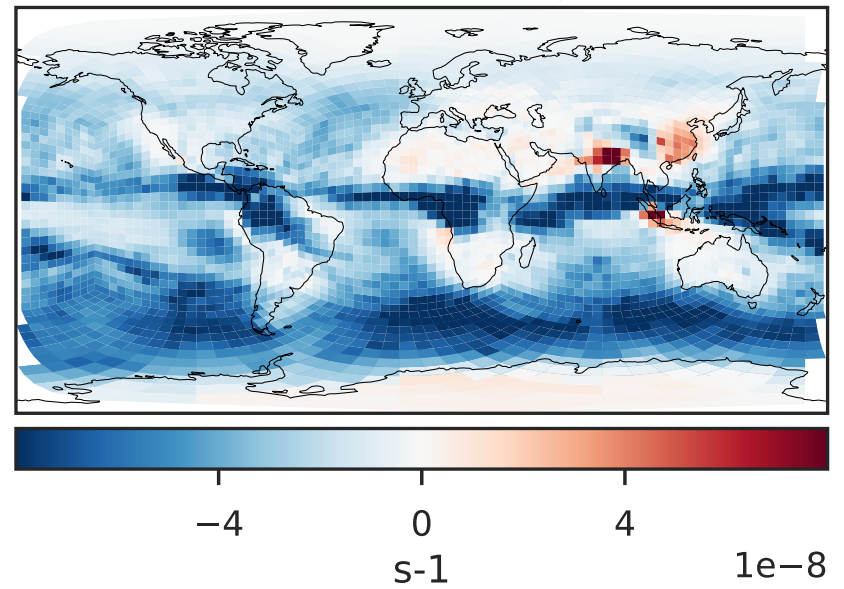
14.3.0-rc.0 (Dev)
c24



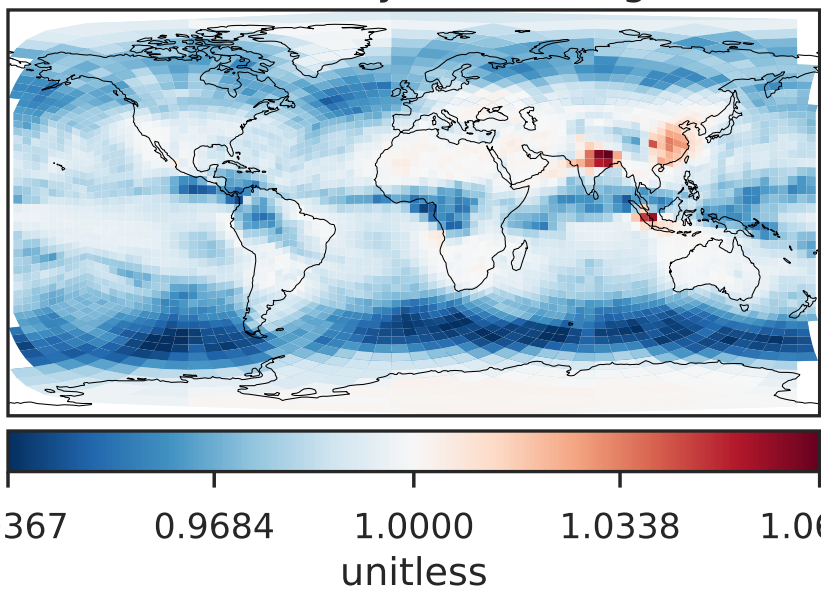
Difference
Dev - Ref, Dynamic Range



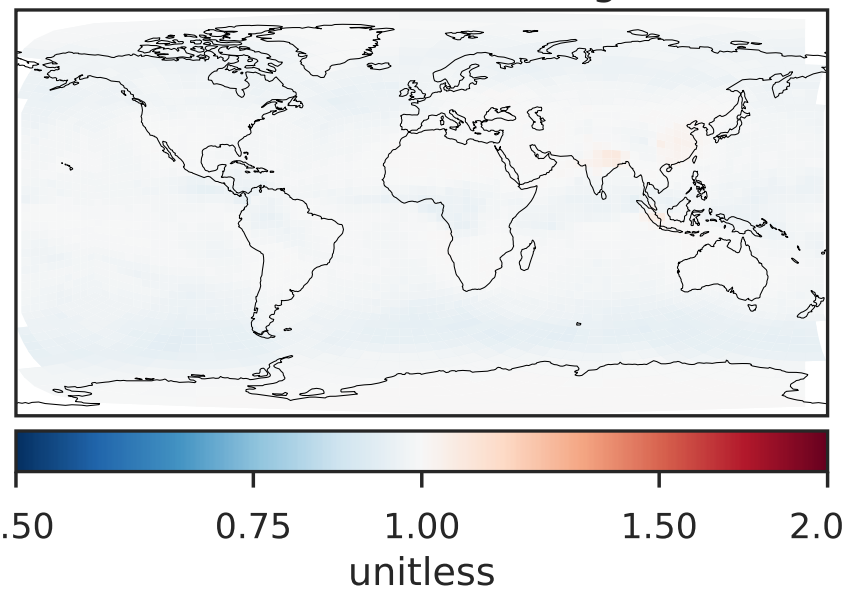
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

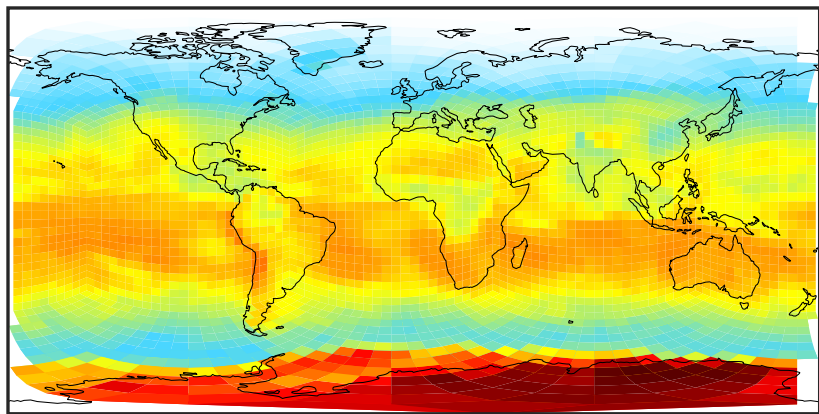


Ratio
Dev/Ref, Fixed Range



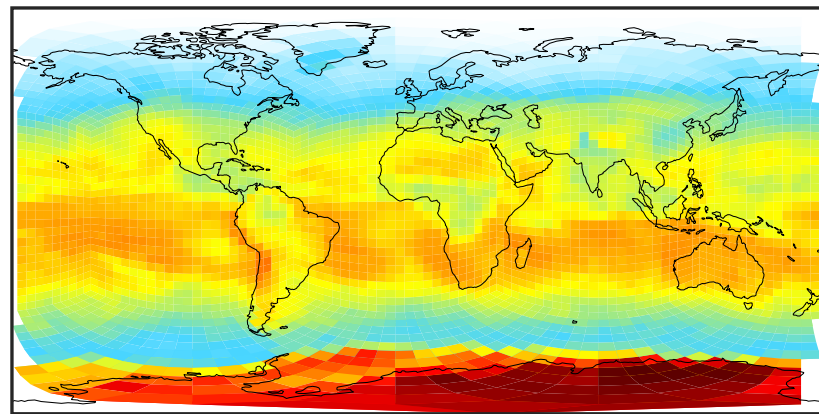
Jval_IO (Oct2019)

14.2.0-rc.2 (Ref)
c24



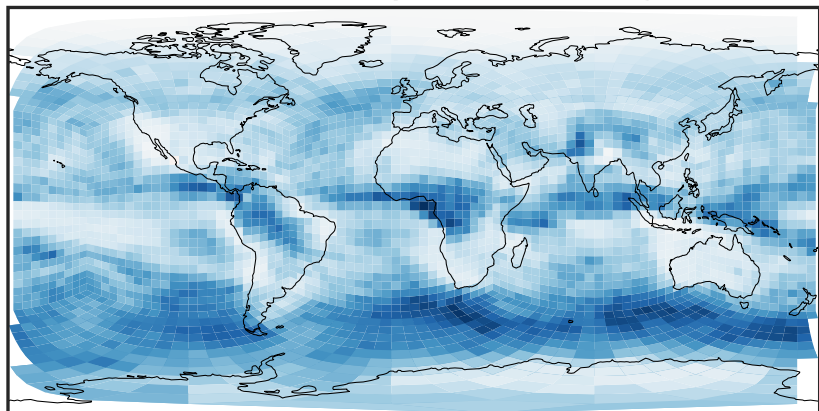
0.0002 0.0366 0.0730 0.1094 0.1458
s-1

14.3.0-rc.0 (Dev)
c24



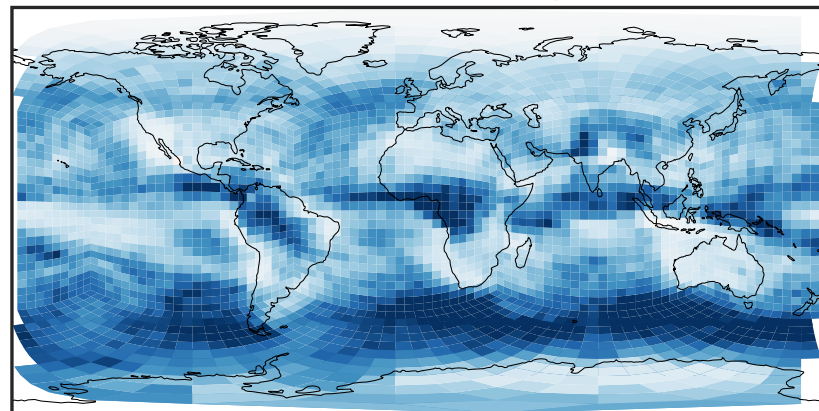
0.0002 0.0366 0.0730 0.1094 0.1458
s-1

Difference
Dev - Ref, Dynamic Range



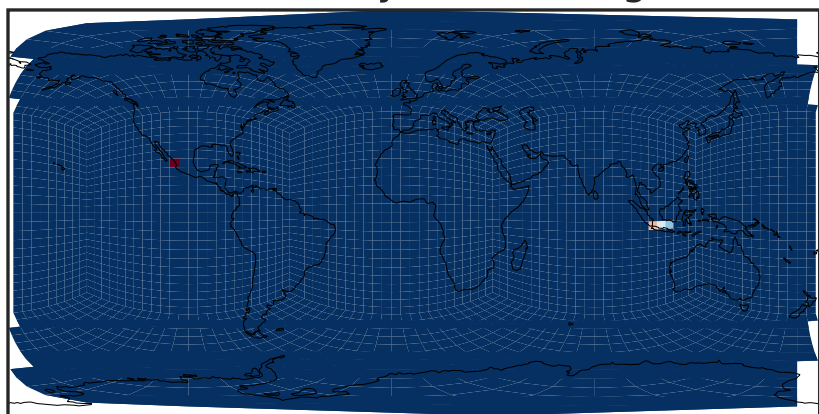
-0.0025 0.0000 0.0025
s-1

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



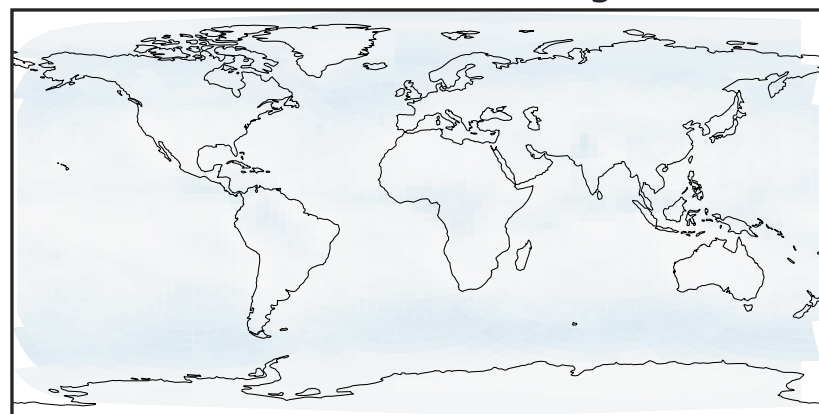
-0.002 0.000 0.002
s-1

Ratio
Dev/Ref, Dynamic Range



0.997604 0.998802 1.000000 1.001201 1.002402
unitless

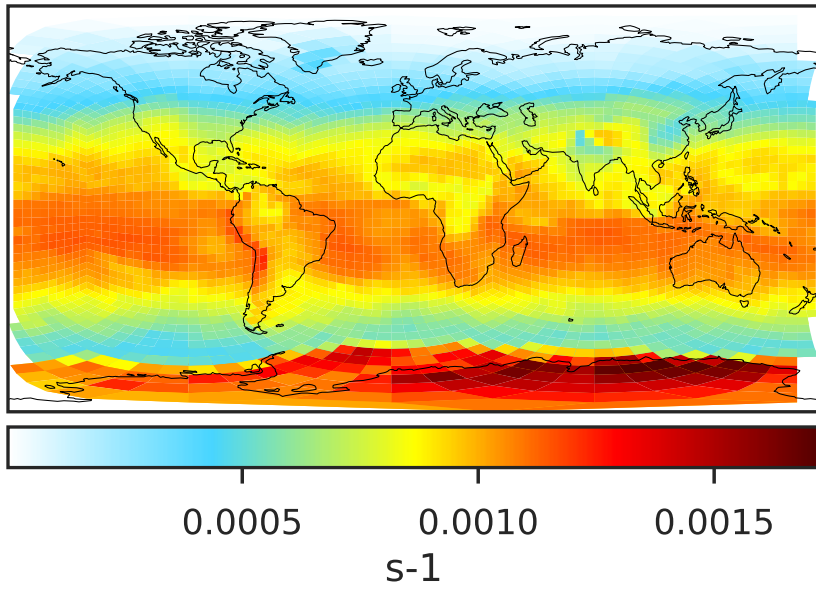
Ratio
Dev/Ref, Fixed Range



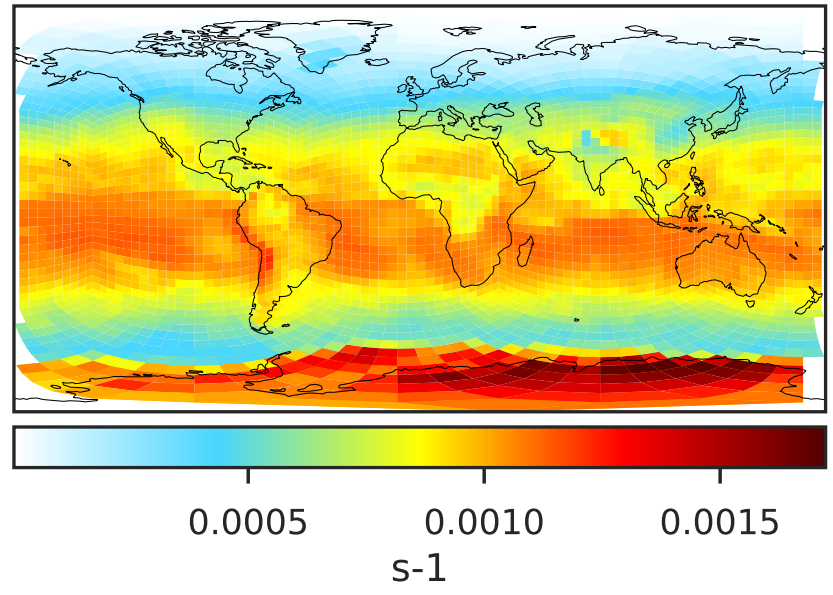
0.50 0.75 1.00 1.50 2.00
unitless

Jval_IONO (Oct2019)

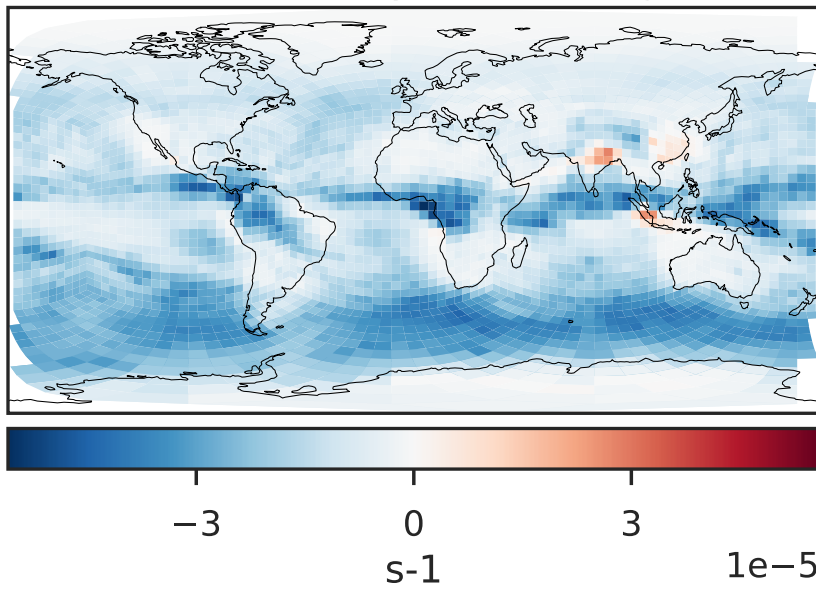
14.2.0-rc.2 (Ref)
c24



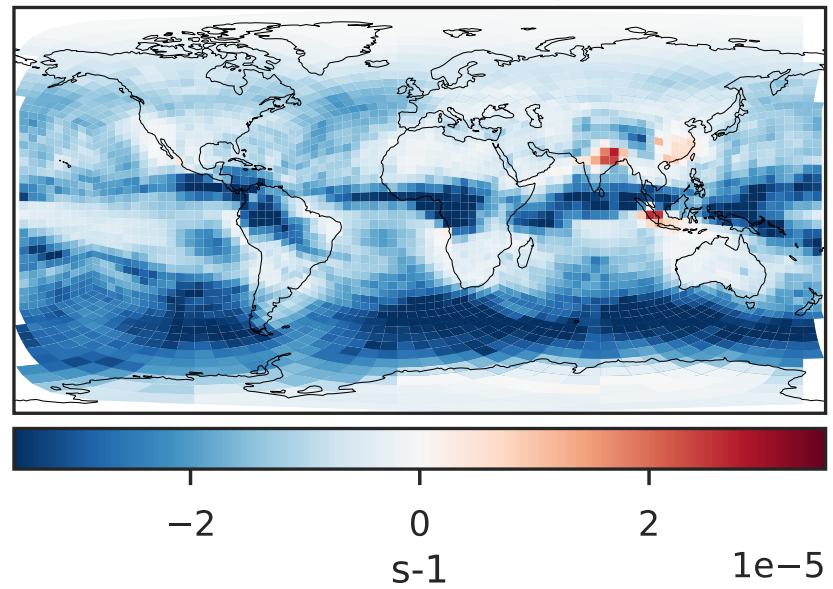
14.3.0-rc.0 (Dev)
c24



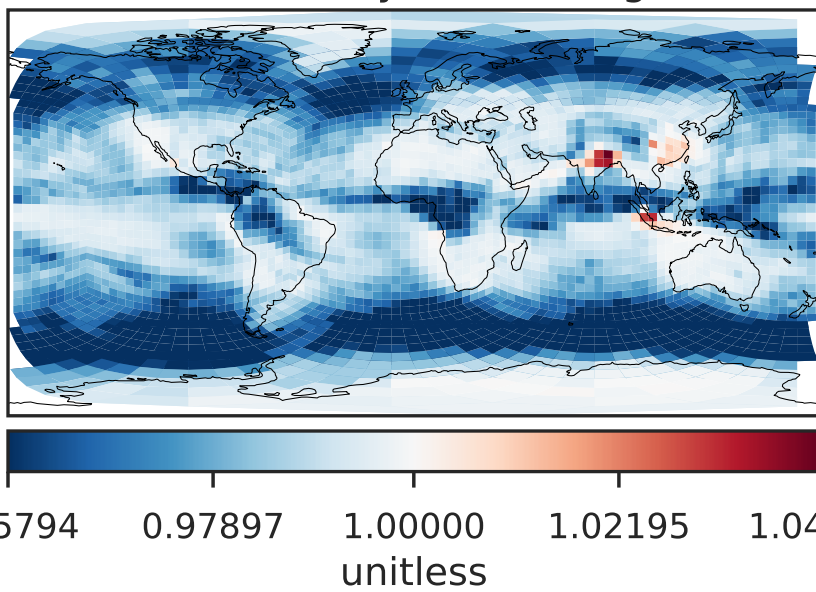
Difference
Dev - Ref, Dynamic Range



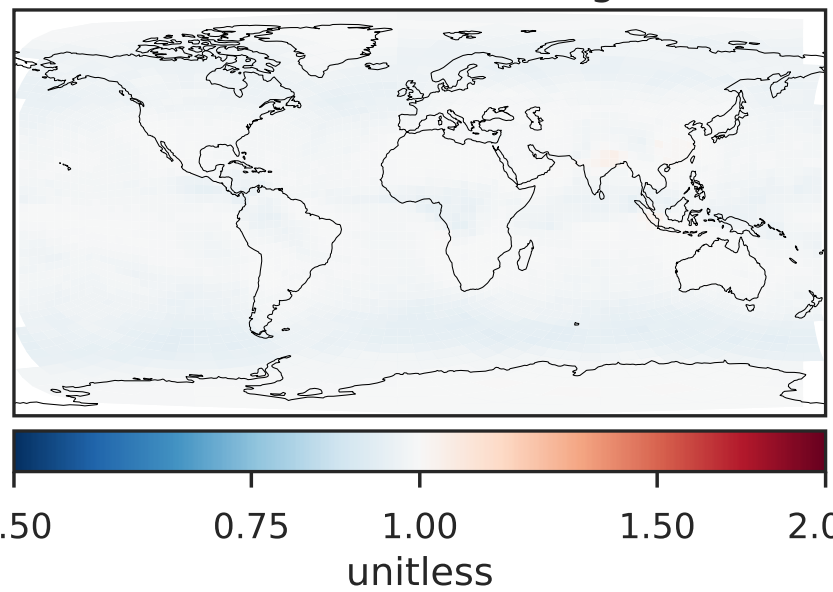
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

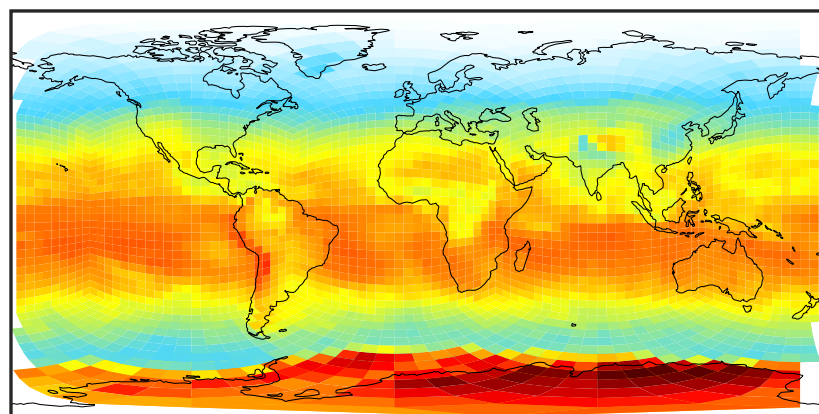


Ratio
Dev/Ref, Fixed Range



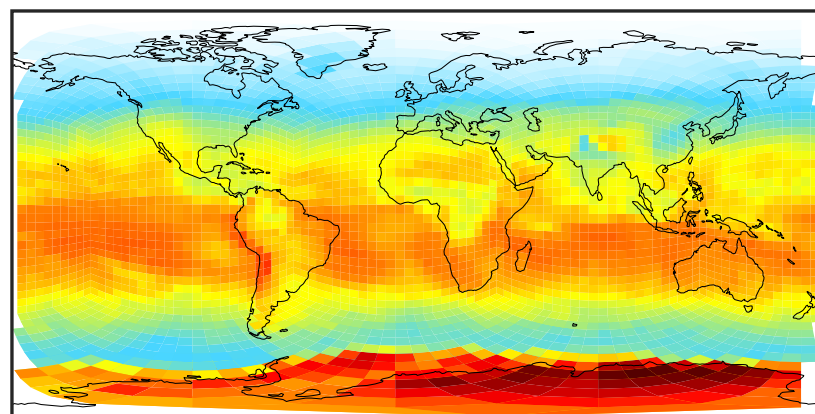
Jval_IONO2 (Oct2019)

14.2.0-rc.2 (Ref)
c24



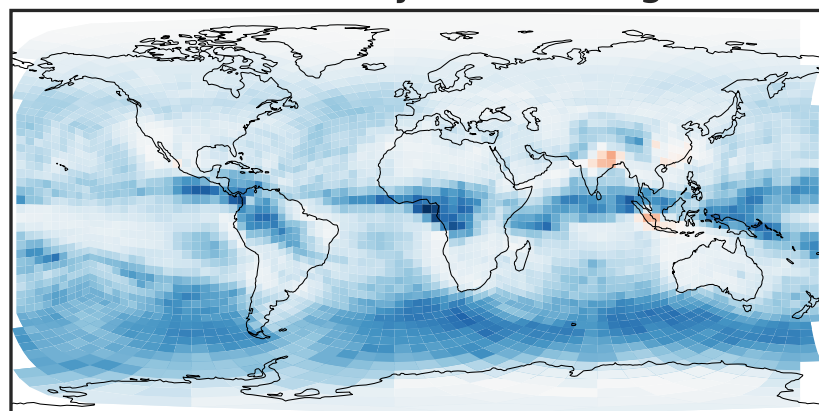
0.0015 0.0030 0.0045
s-1

14.3.0-rc.0 (Dev)
c24



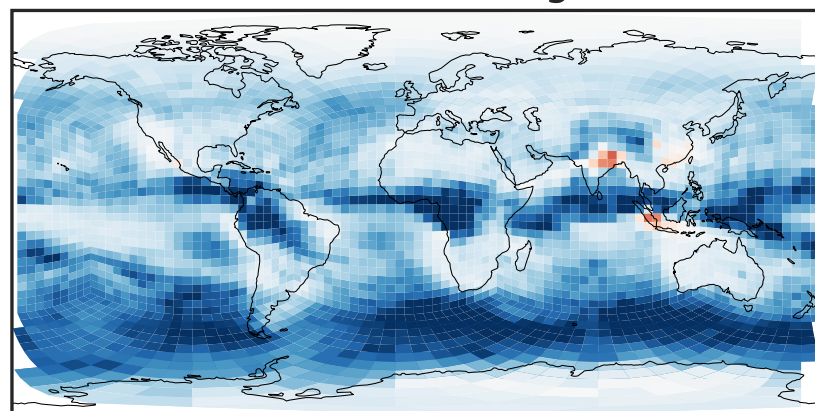
0.0015 0.0030 0.0045
s-1

Difference
Dev - Ref, Dynamic Range



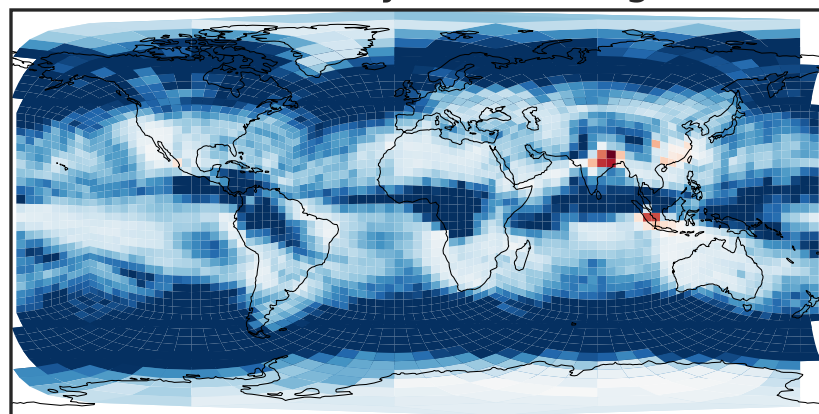
-0.0001 0.0000 0.0001
s-1

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



-8 0 8
s-1 1e-5

Ratio
Dev/Ref, Dynamic Range



0.96738 0.98369 1.00000 1.01686 1.03372
unitless

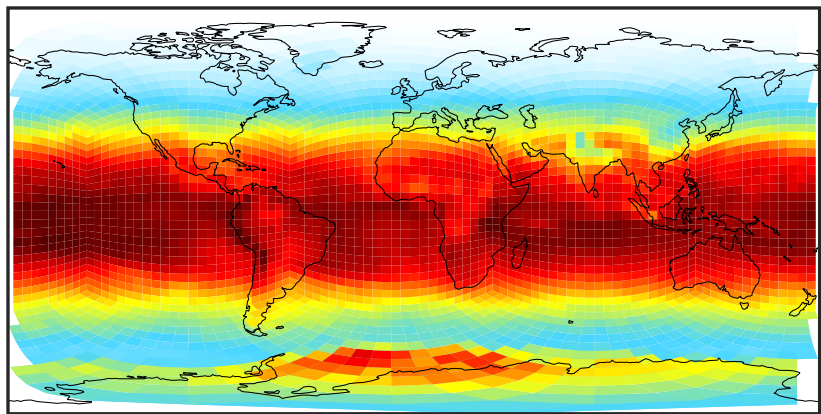
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

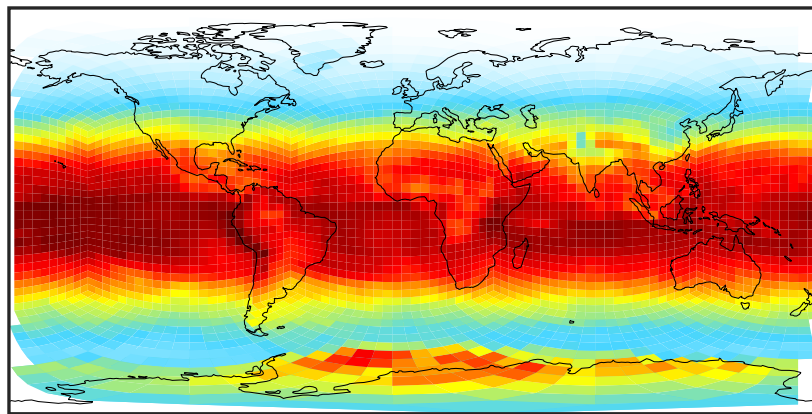
Jval_IPRNO3 (Oct2019)

14.2.0-rc.2 (Ref)
c24



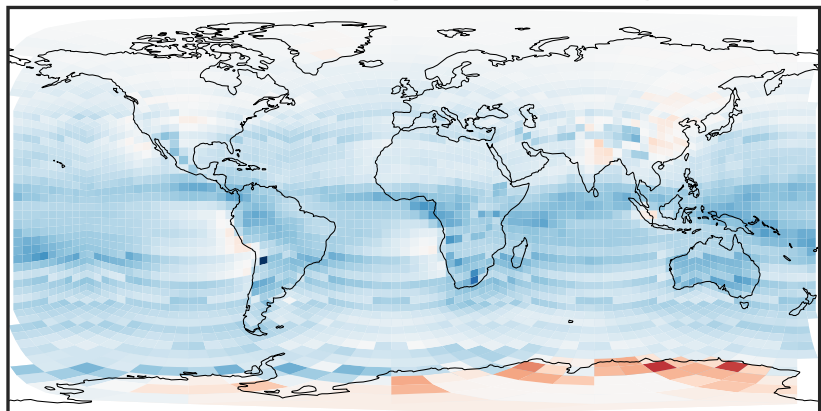
2.5 5.0 7.5
s-1 $1e-7$

14.3.0-rc.0 (Dev)
c24



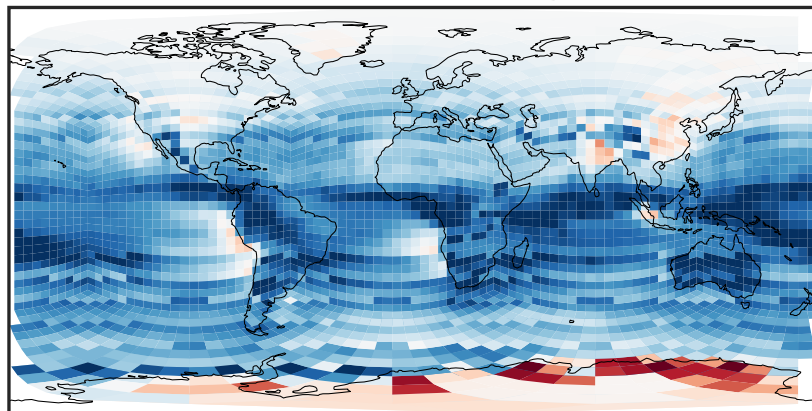
2.5 5.0 7.5
s-1 $1e-7$

Difference
Dev - Ref, Dynamic Range



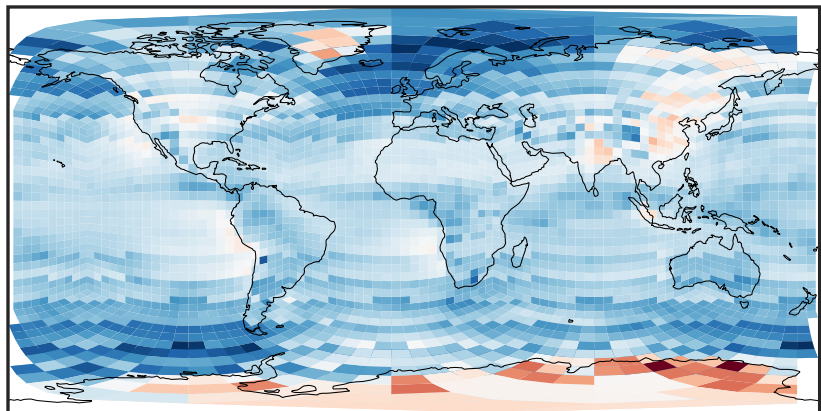
-6 0 6
s-1 $1e-8$

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



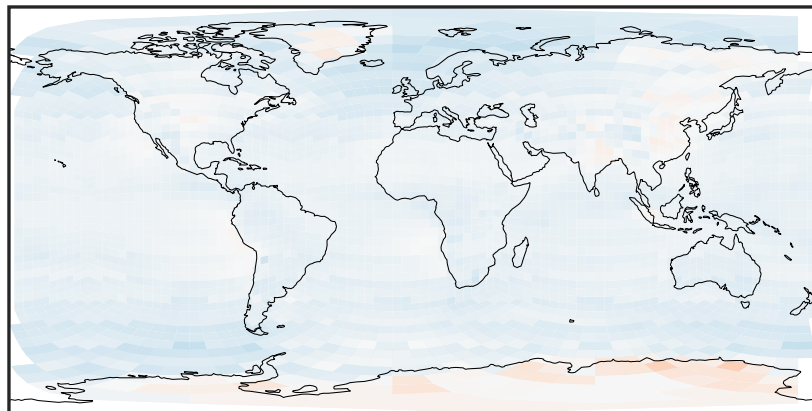
-3 0 3
s-1 $1e-8$

Ratio
Dev/Ref, Dynamic Range



0.8484 0.9242 1.0000 1.0894 1.1787
unitless

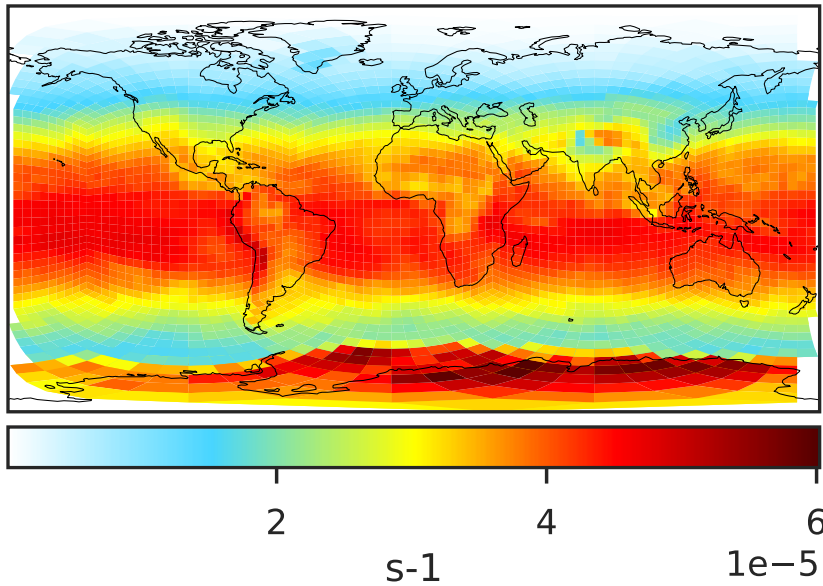
Ratio
Dev/Ref, Fixed Range



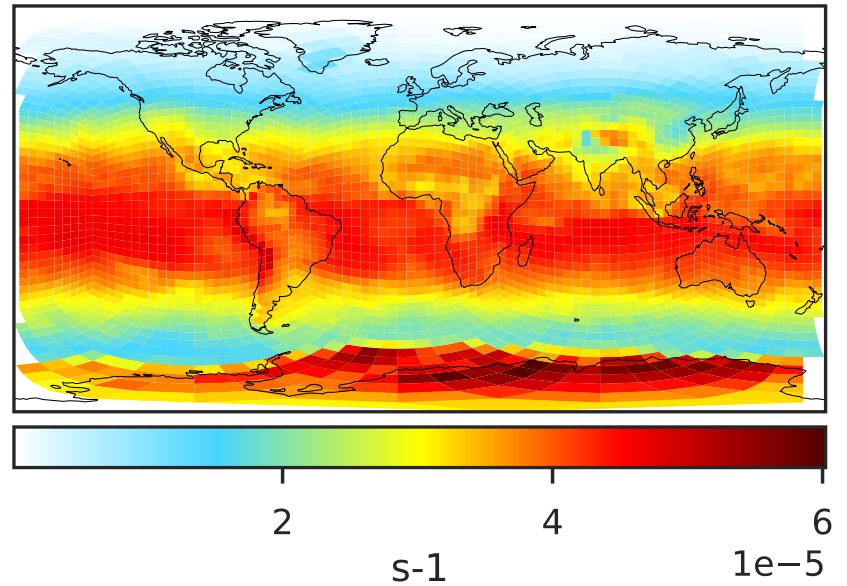
0.50 0.75 1.00 1.50 2.00
unitless

Jval_ITCN (Oct2019)

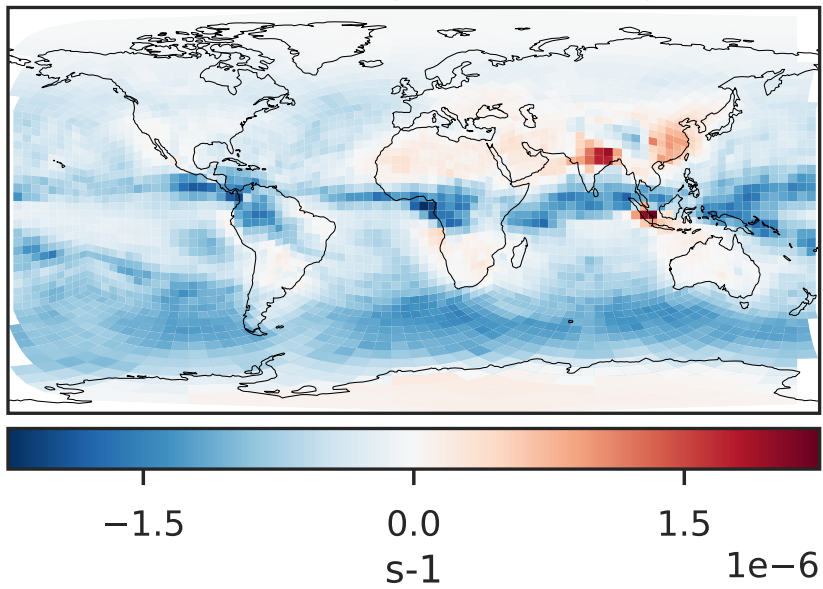
14.2.0-rc.2 (Ref)
c24



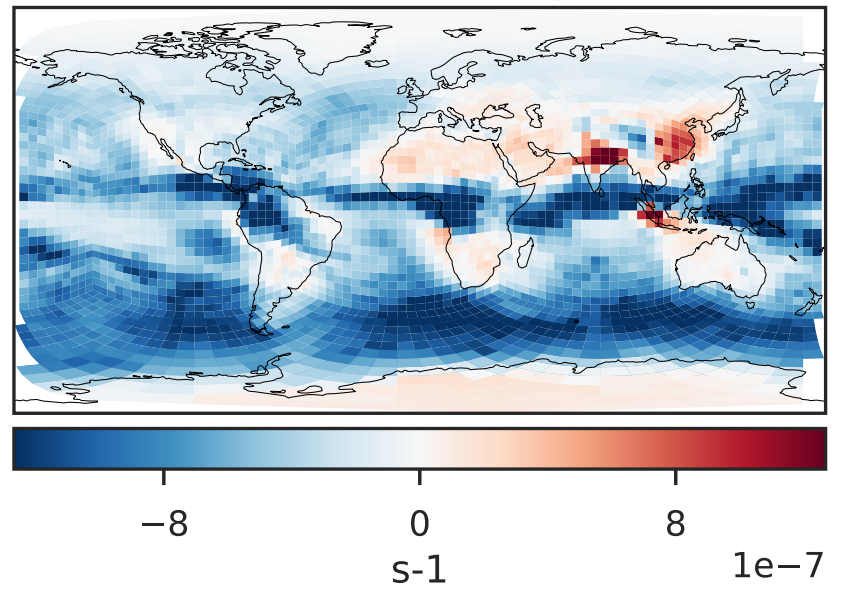
14.3.0-rc.0 (Dev)
c24



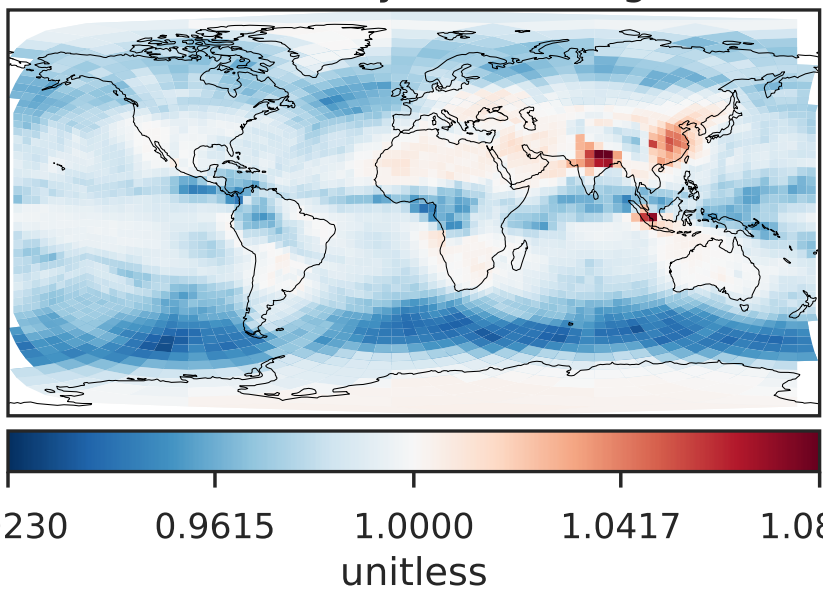
Difference
Dev - Ref, Dynamic Range



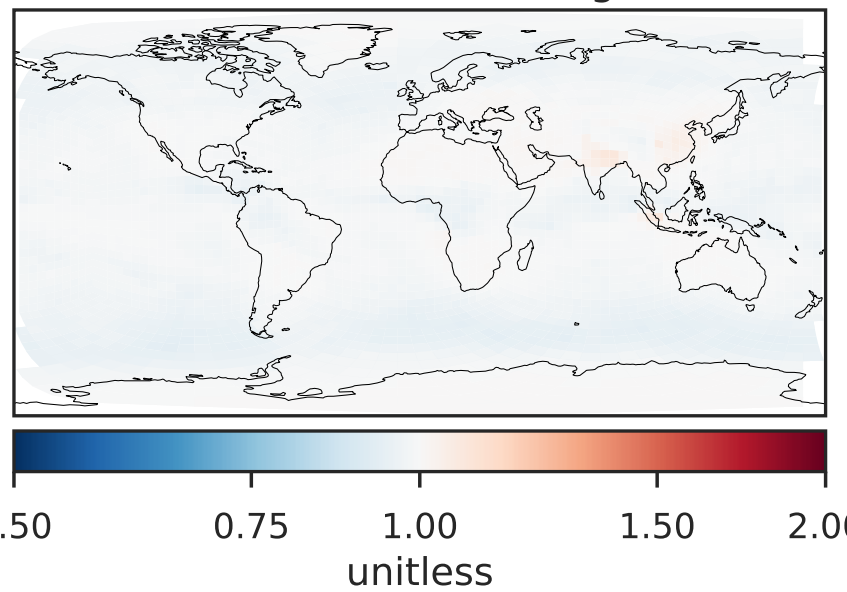
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

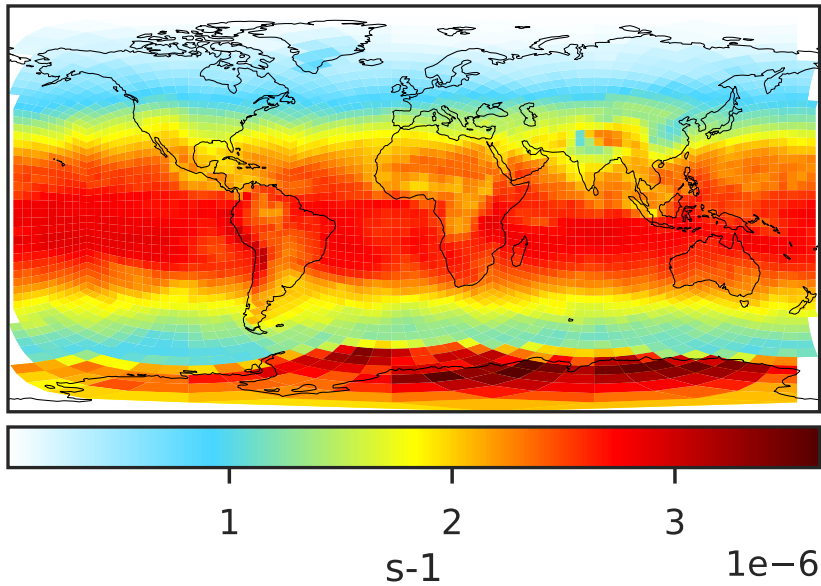


Ratio
Dev/Ref, Fixed Range

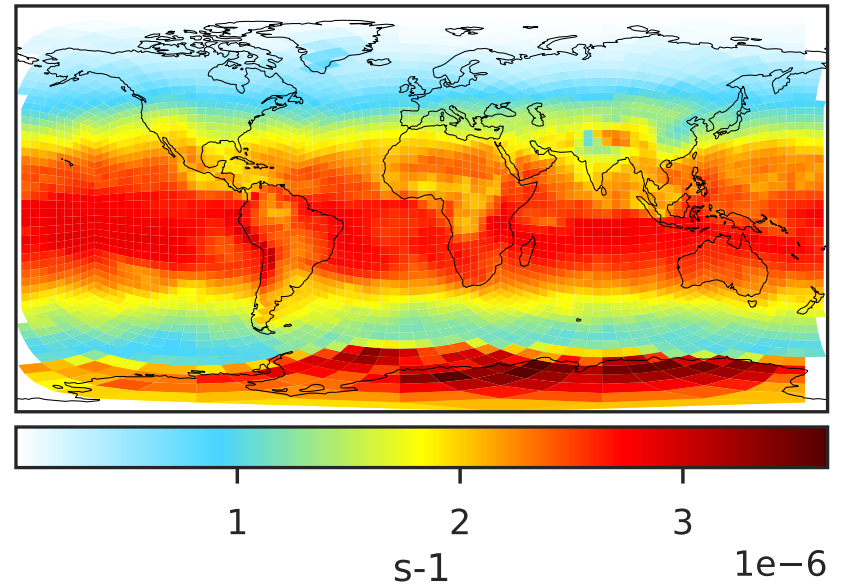


Jval_ITHN (Oct2019)

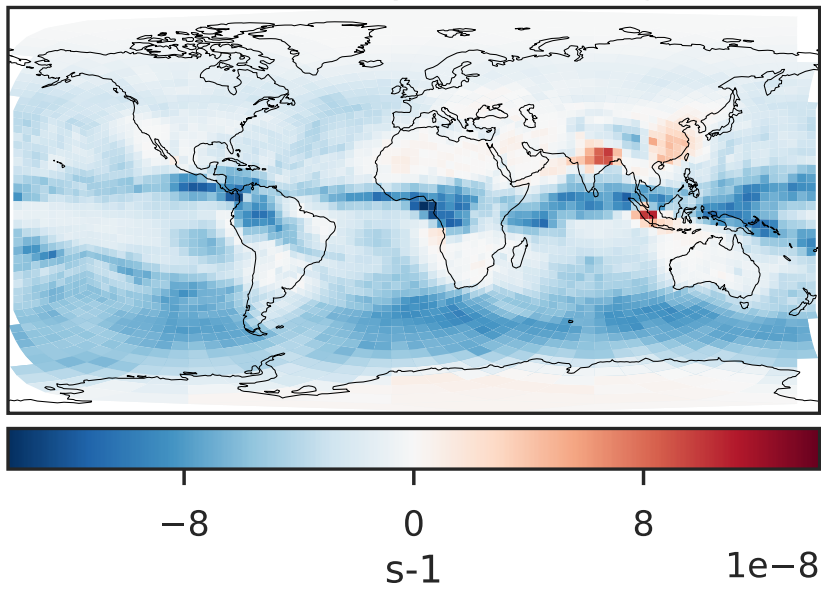
14.2.0-rc.2 (Ref)
c24



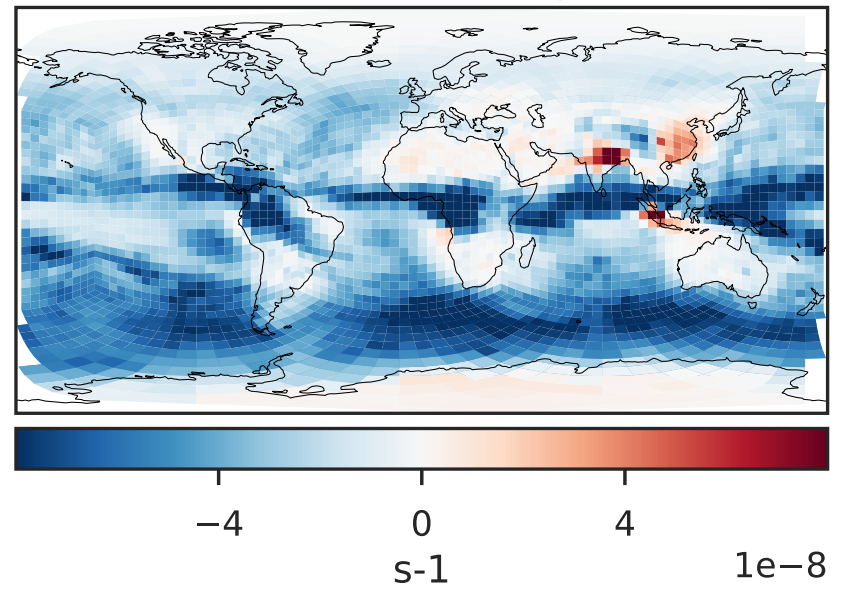
14.3.0-rc.0 (Dev)
c24



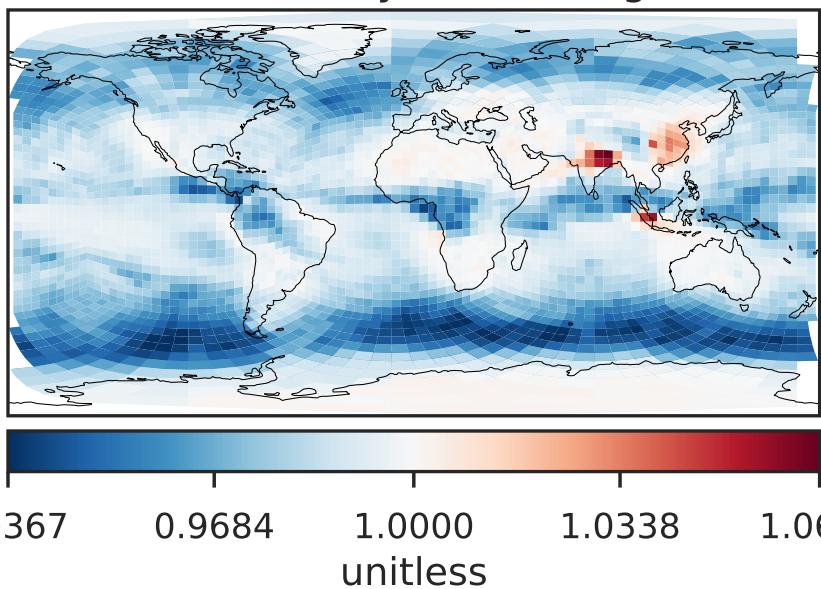
Difference
Dev - Ref, Dynamic Range



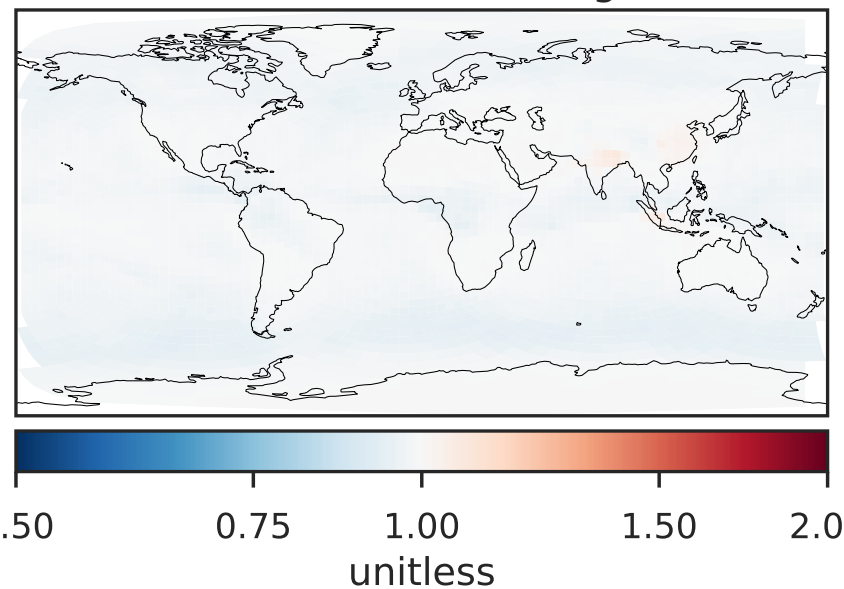
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

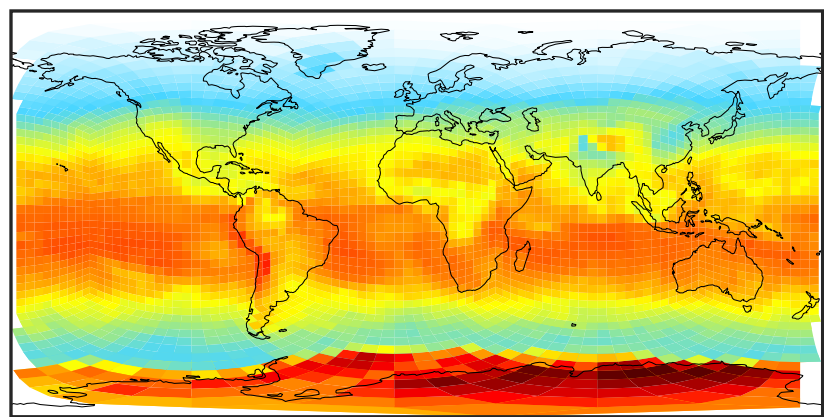


Ratio
Dev/Ref, Fixed Range



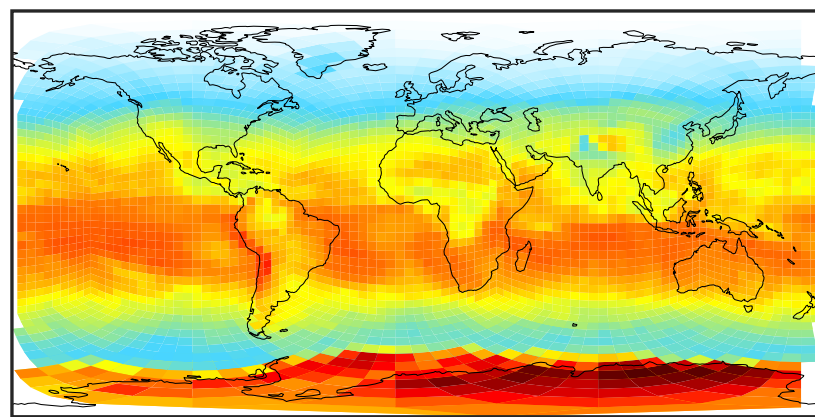
Jval_MACR (Oct2019)

14.2.0-rc.2 (Ref)
c24



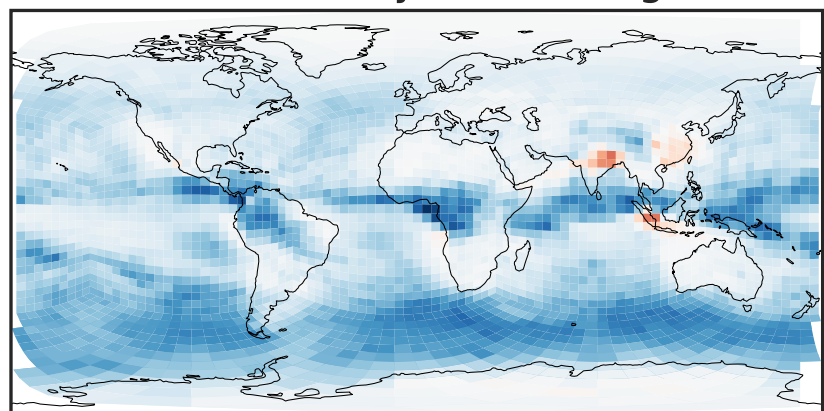
2.5 5.0 7.5
s-1 1e-7

14.3.0-rc.0 (Dev)
c24



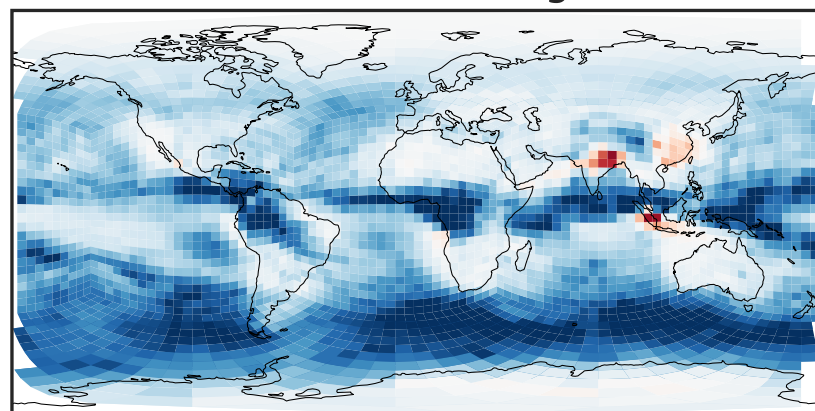
2.5 5.0 7.5
s-1 1e-7

Difference
Dev - Ref, Dynamic Range



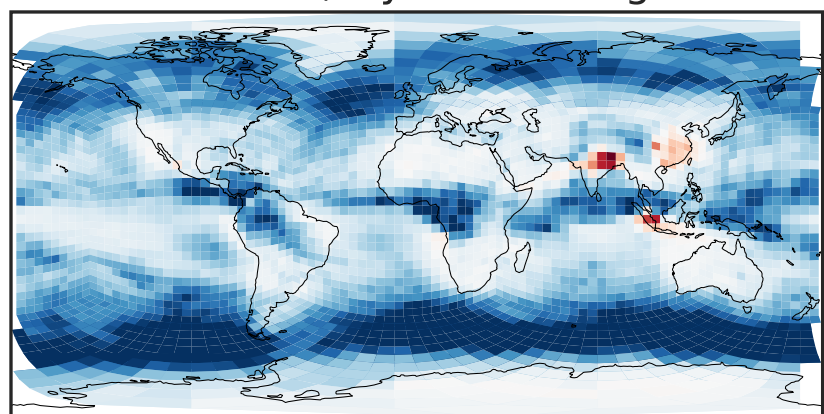
-1.5 0.0 1.5
s-1 1e-8

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



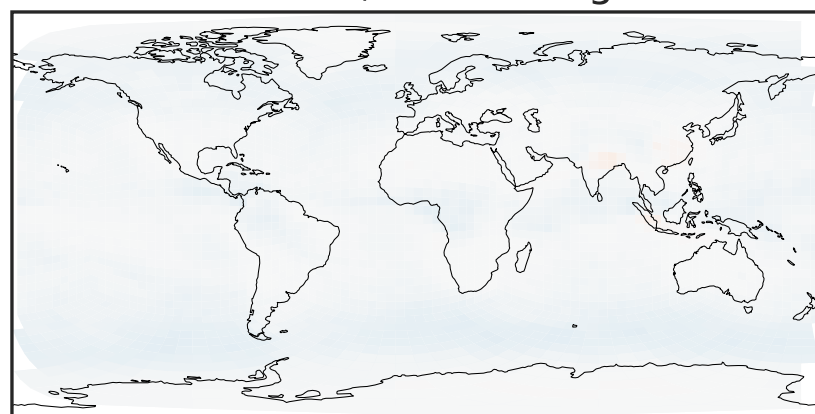
-1 0 1
s-1 1e-8

Ratio
Dev/Ref, Dynamic Range



0.95302 0.97651 1.00000 1.02465 1.04929
unitless

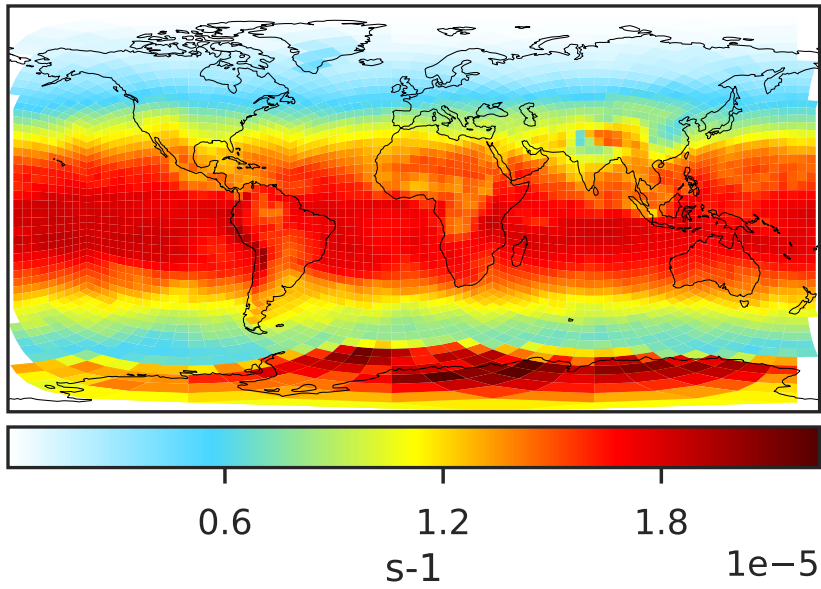
Ratio
Dev/Ref, Fixed Range



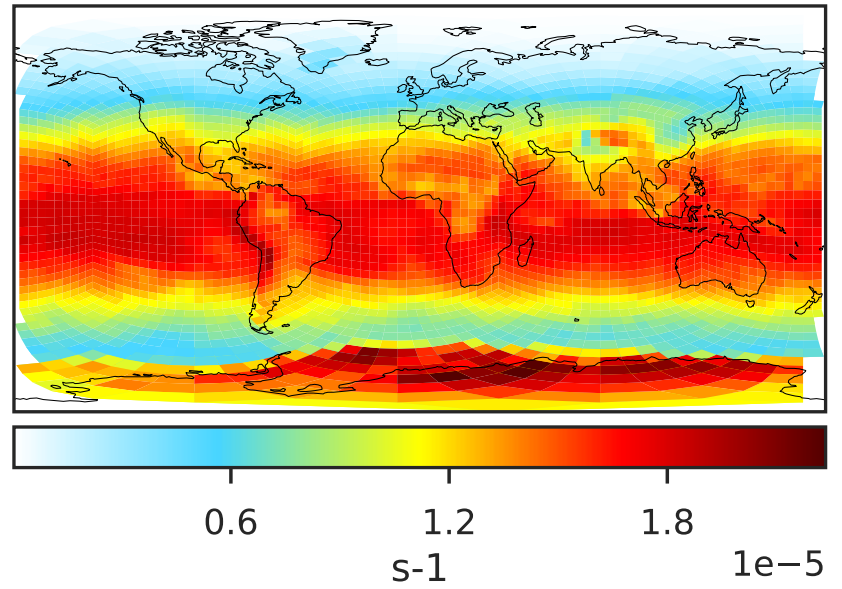
0.50 0.75 1.00 1.50 2.00
unitless

Jval_MACR100H (Oct2019)

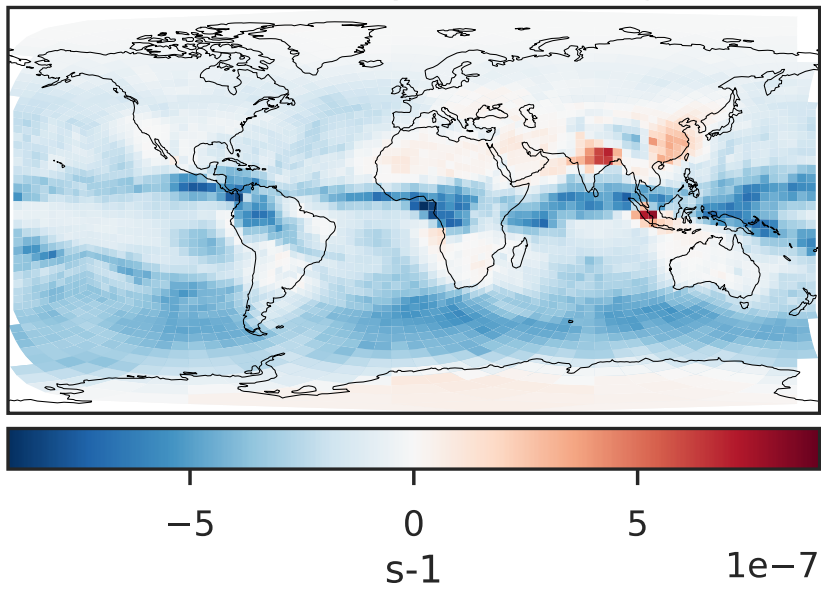
14.2.0-rc.2 (Ref)
c24



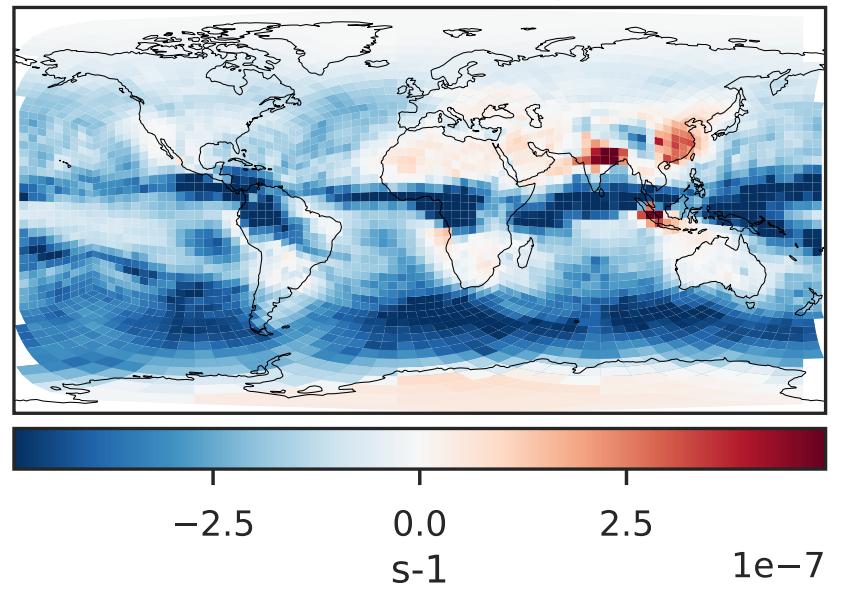
14.3.0-rc.0 (Dev)
c24



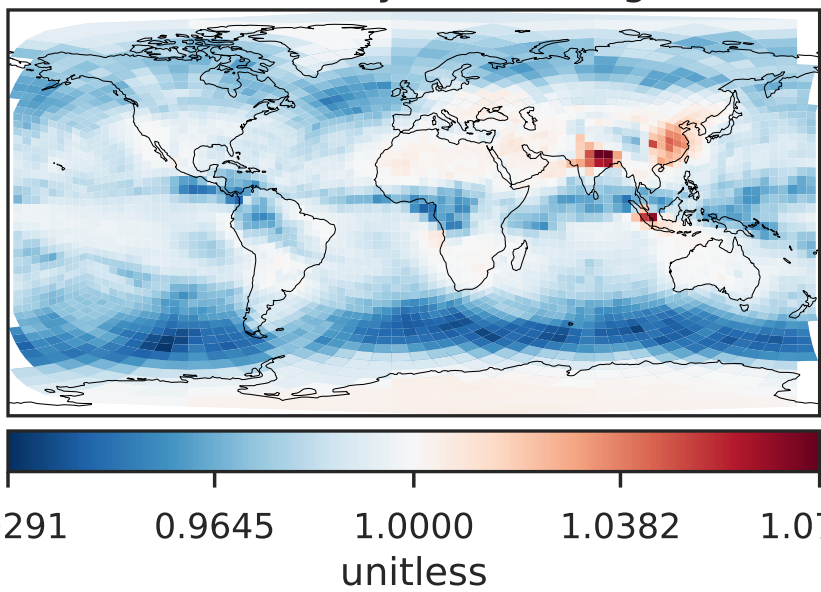
Difference
Dev - Ref, Dynamic Range



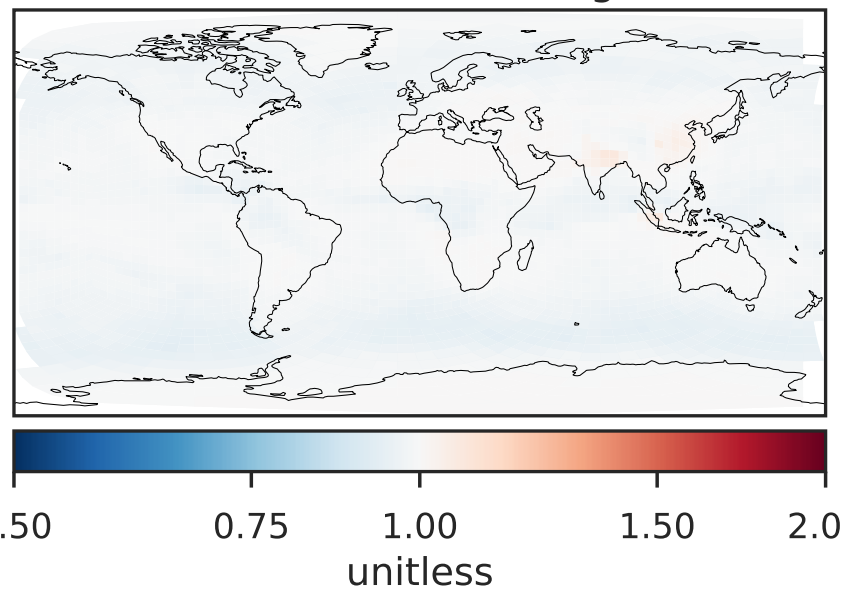
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

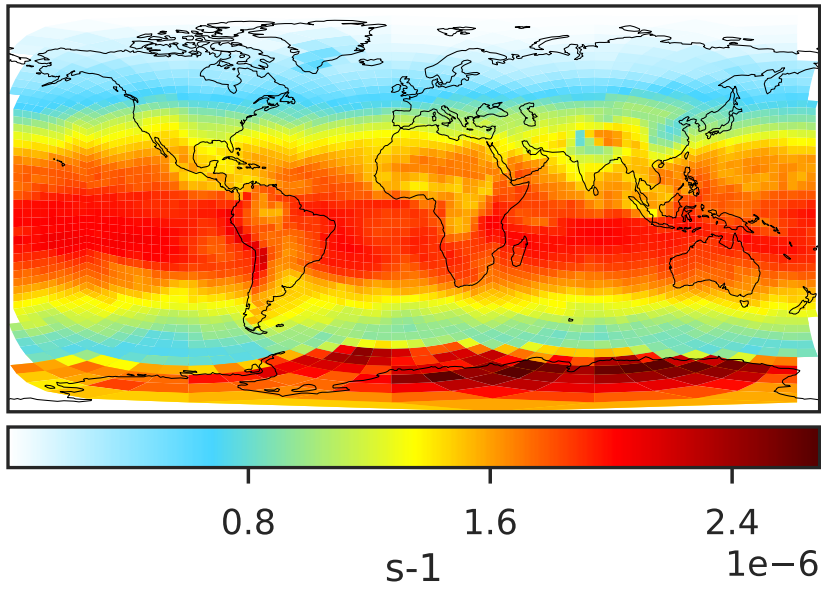


Ratio
Dev/Ref, Fixed Range

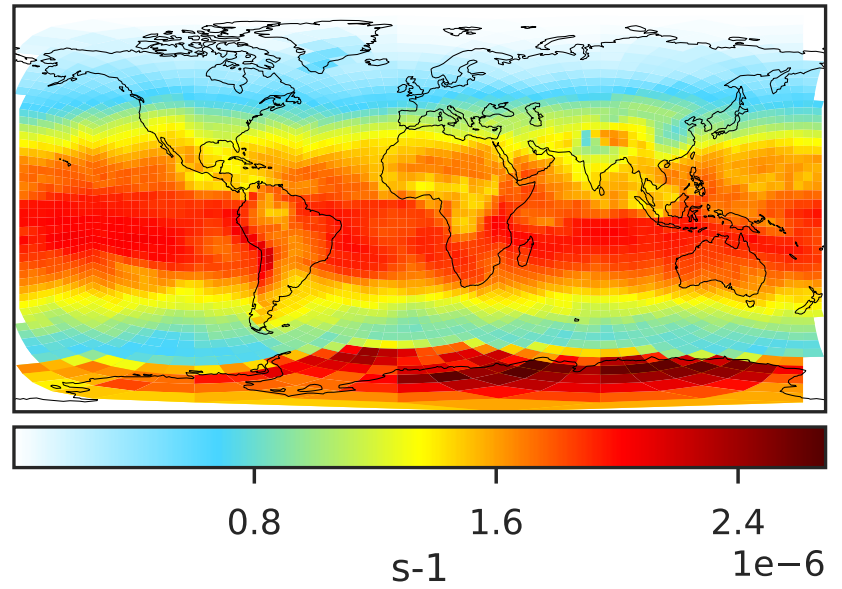


Jval_MAP (Oct2019)

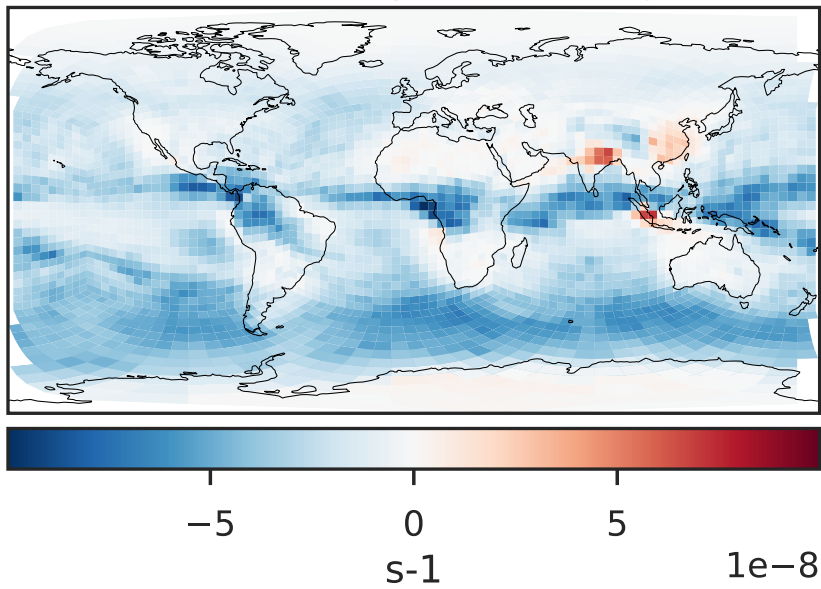
14.2.0-rc.2 (Ref)
c24



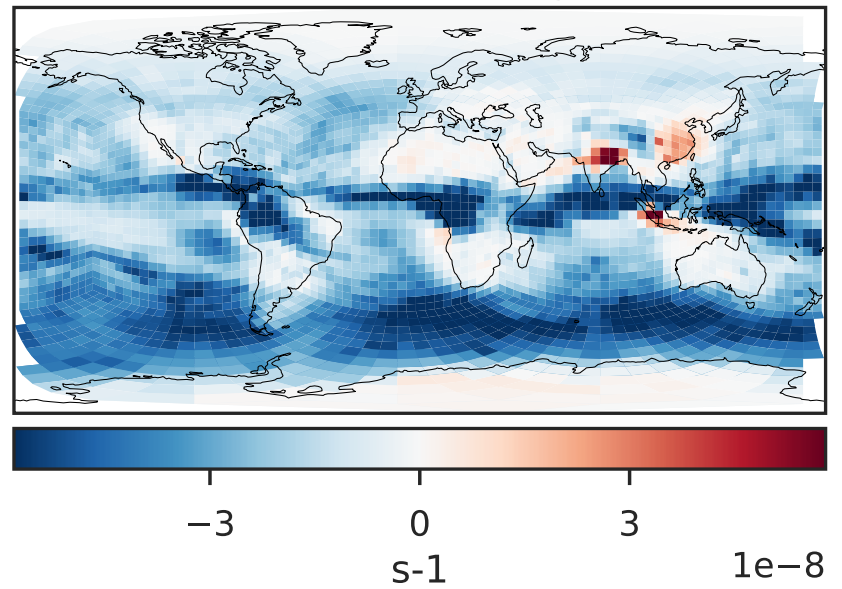
14.3.0-rc.0 (Dev)
c24



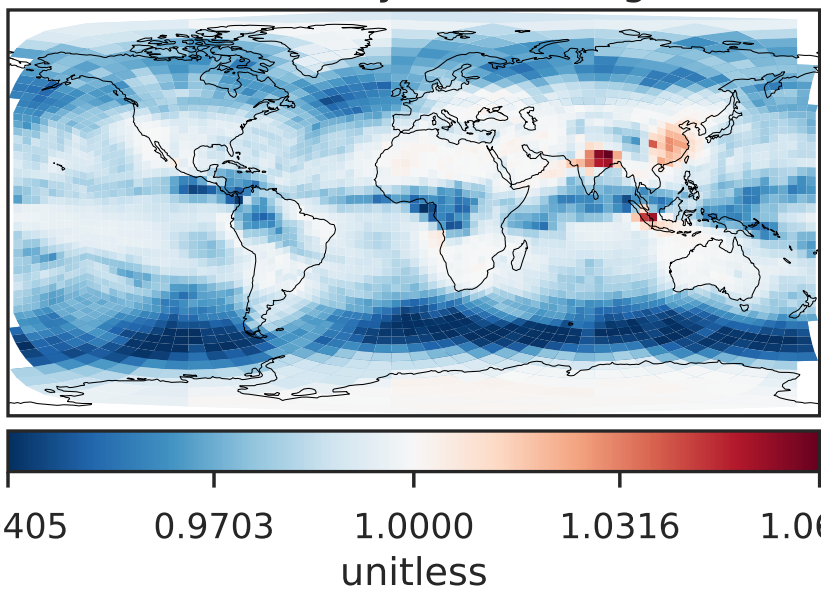
Difference
Dev - Ref, Dynamic Range



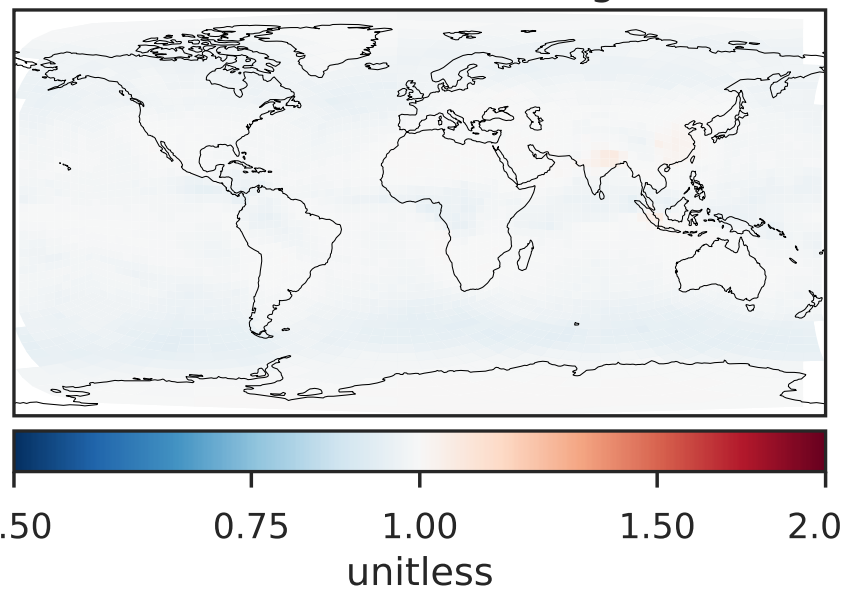
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

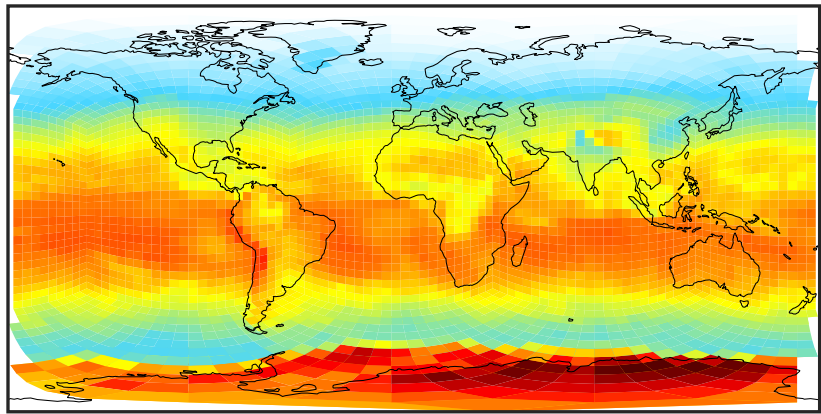


Ratio
Dev/Ref, Fixed Range



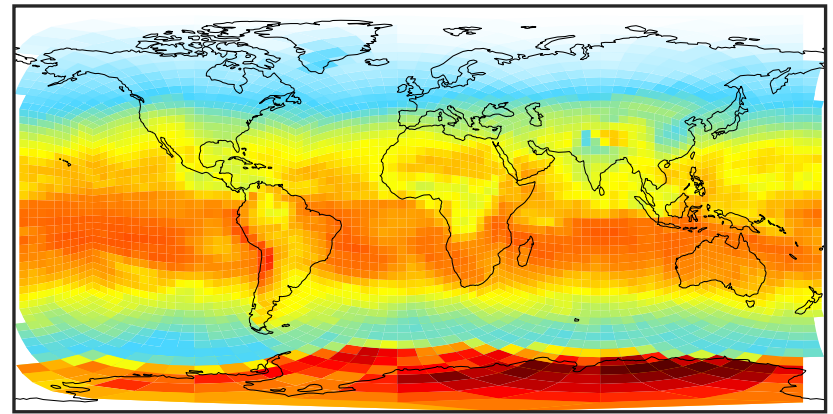
Jval_MCRENOL (Oct2019)

14.2.0-rc.2 (Ref)
c24



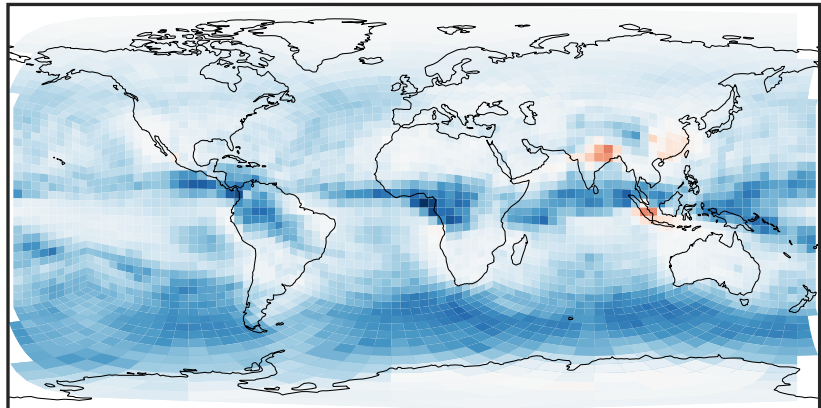
0.00005 0.00010 0.00015
s-1

14.3.0-rc.0 (Dev)
c24



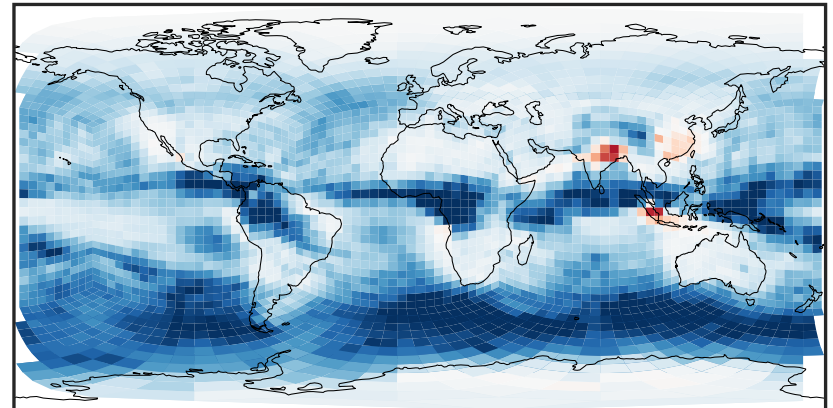
0.00005 0.00010 0.00015
s-1

Difference
Dev - Ref, Dynamic Range



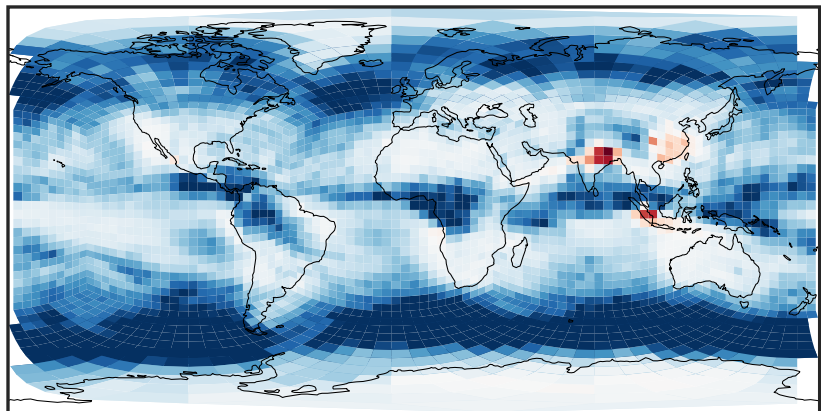
-3 0 3
s-1 1e-6

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



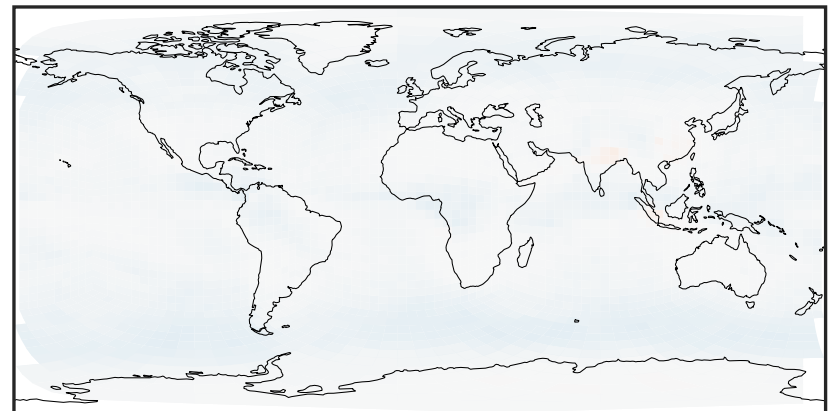
-2 0 2
s-1 1e-6

Ratio
Dev/Ref, Dynamic Range



0.95677 0.97838 1.00000 1.02259 1.04518
unitless

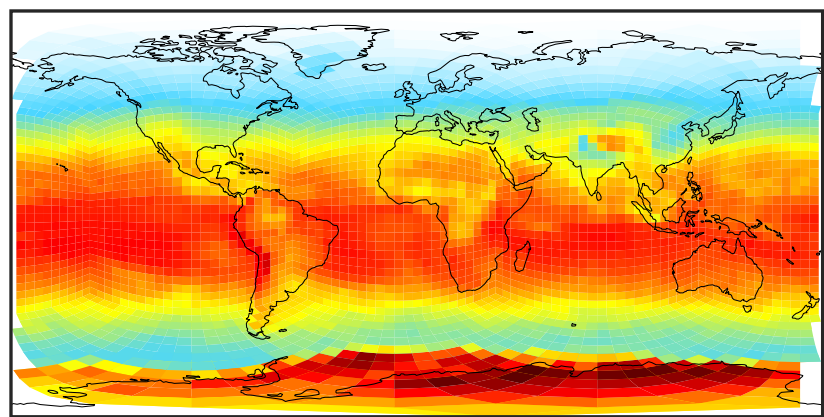
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

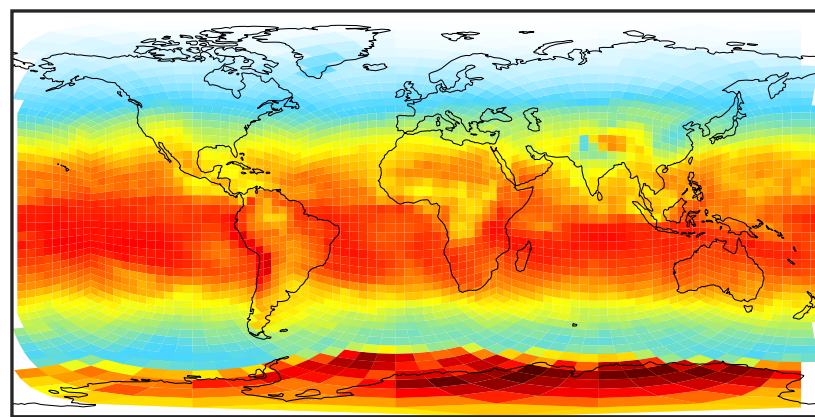
Jval_MCRHN (Oct2019)

14.2.0-rc.2 (Ref)
c24



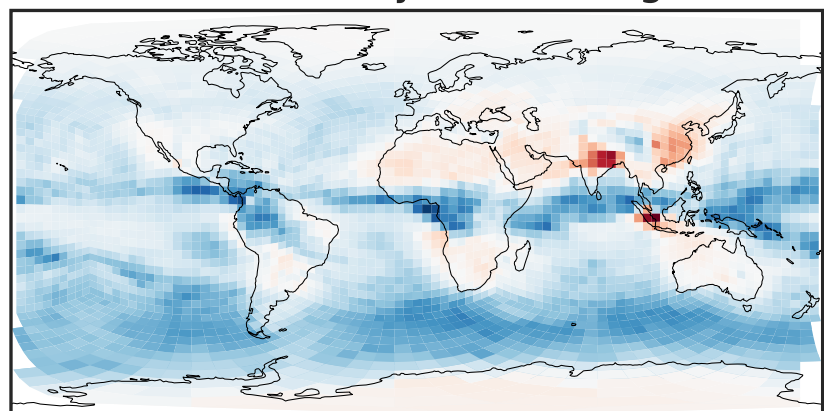
0.00005 0.00010 0.00015
s-1

14.3.0-rc.0 (Dev)
c24



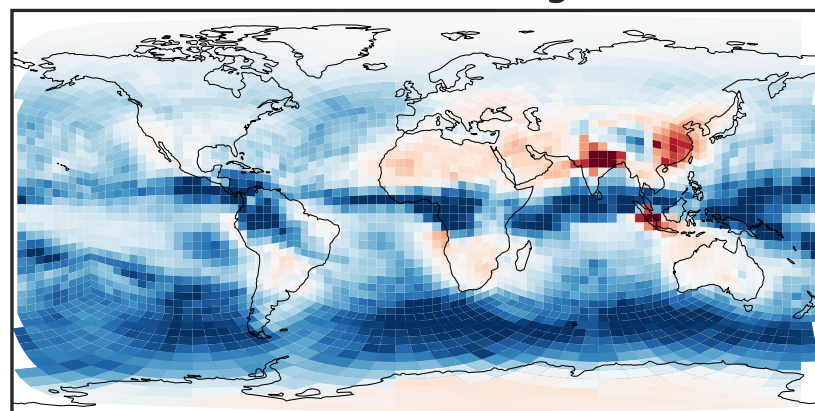
0.00005 0.00010 0.00015
s-1

Difference
Dev - Ref, Dynamic Range



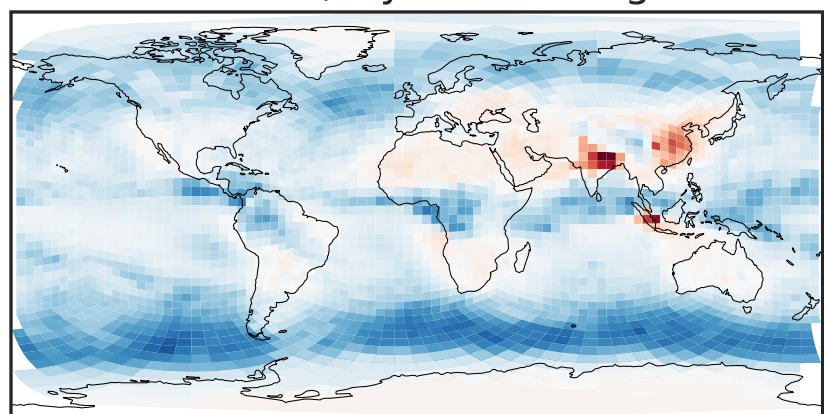
-3 0 3
s-1 1e-6

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



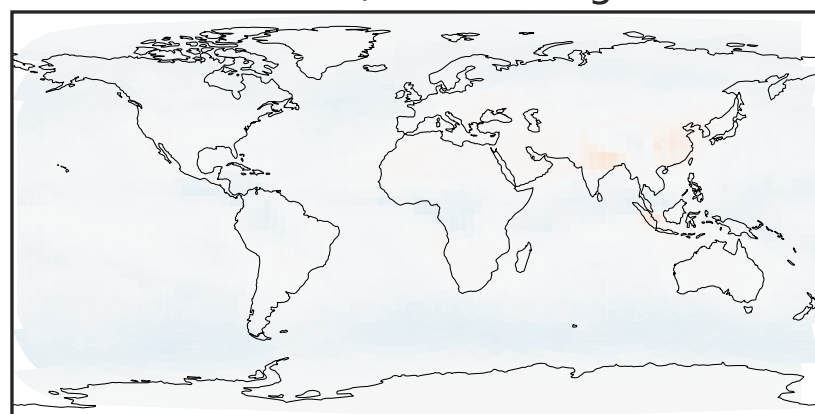
-2 0 2
s-1 1e-6

Ratio
Dev/Ref, Dynamic Range



0.9199 0.9600 1.0000 1.0435 1.0870
unitless

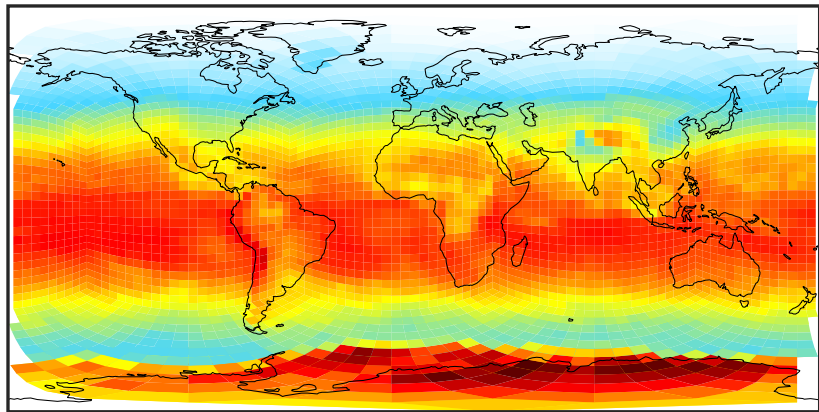
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

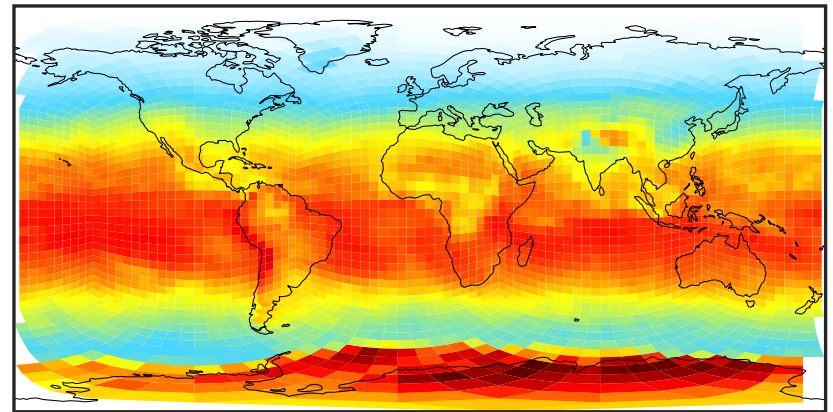
Jval_MCRHNB (Oct2019)

14.2.0-rc.2 (Ref)
c24



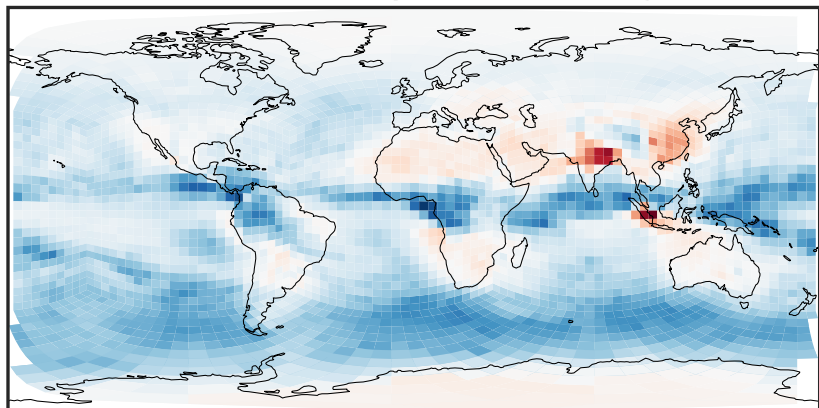
1.5 3.0
s-1 1e-5

14.3.0-rc.0 (Dev)
c24



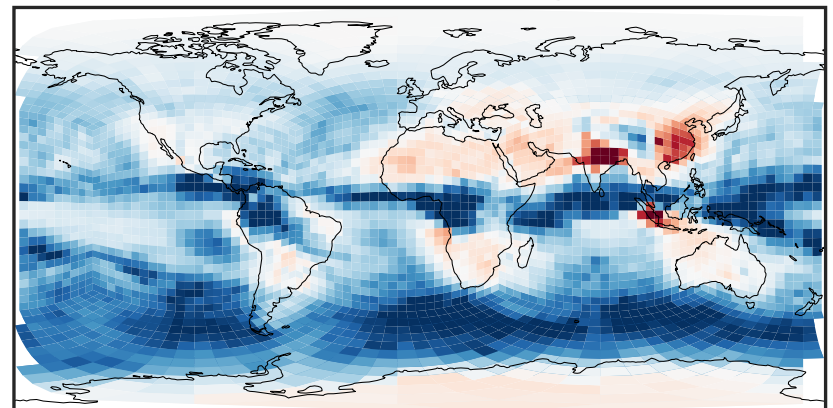
1.5 3.0
s-1 1e-5

Difference
Dev - Ref, Dynamic Range



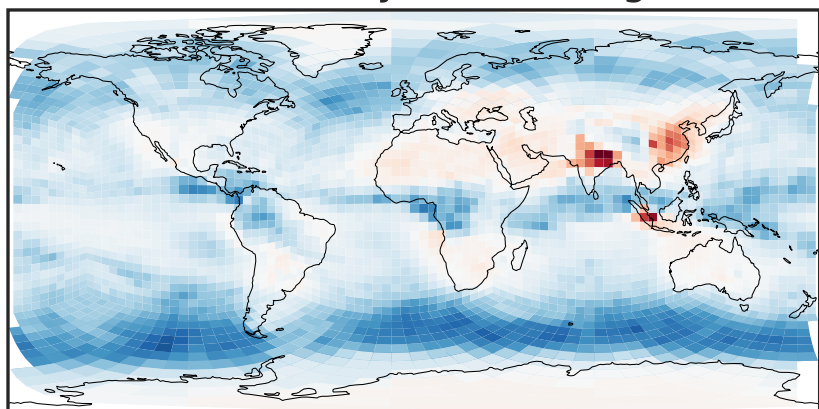
-8 0 8
s-1 1e-7

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



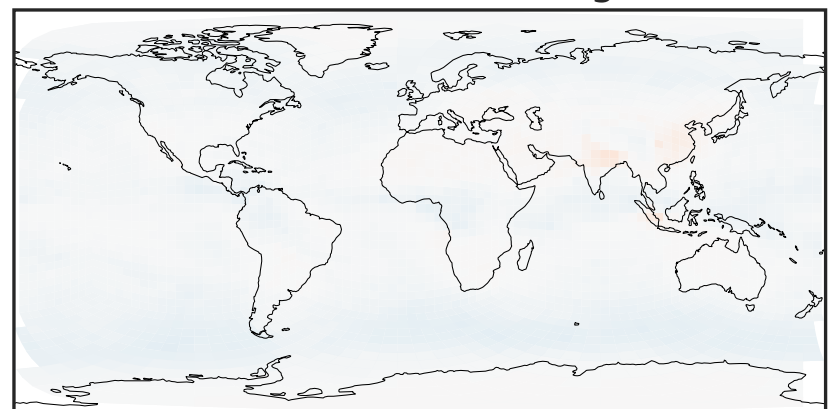
-5 0 5
s-1 1e-7

Ratio
Dev/Ref, Dynamic Range



0.9204 0.9602 1.0000 1.0433 1.0865
unitless

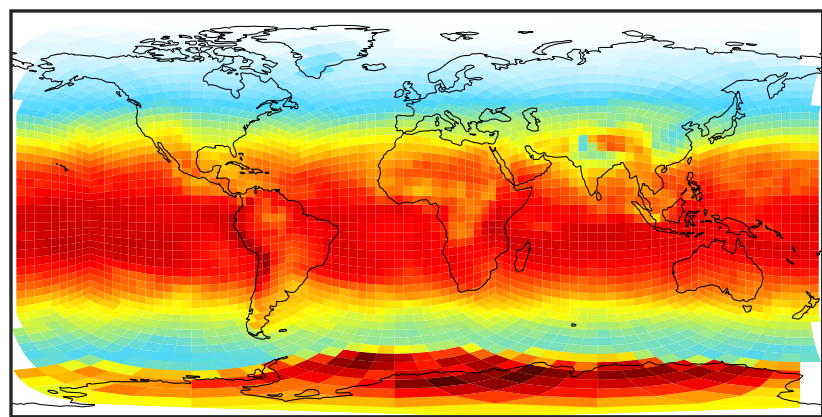
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

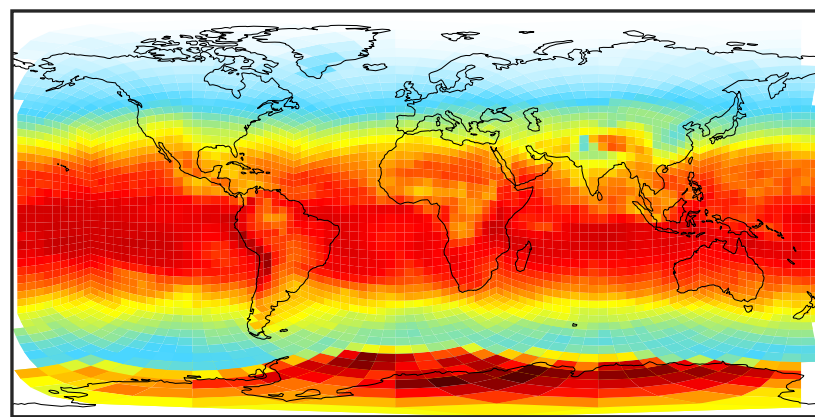
Jval_MCRHP (Oct2019)

14.2.0-rc.2 (Ref)
c24



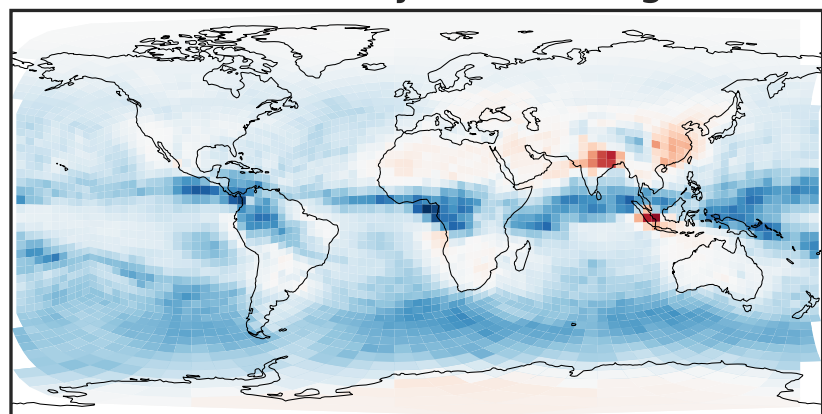
0.6 1.2 1.8
s-1 $1e-5$

14.3.0-rc.0 (Dev)
c24



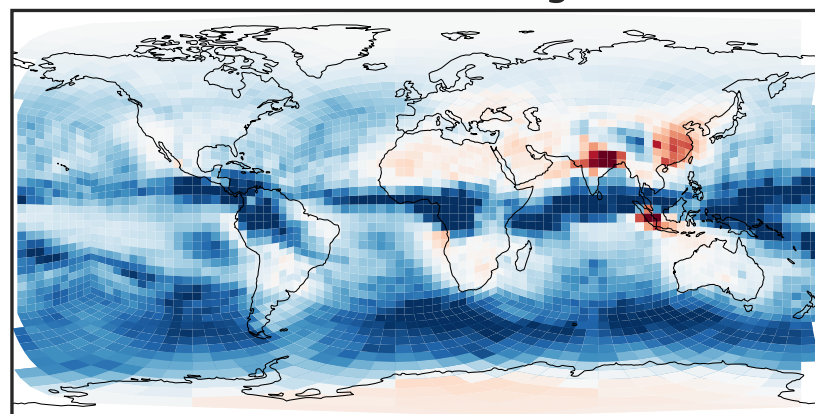
0.6 1.2 1.8
s-1 $1e-5$

Difference
Dev - Ref, Dynamic Range



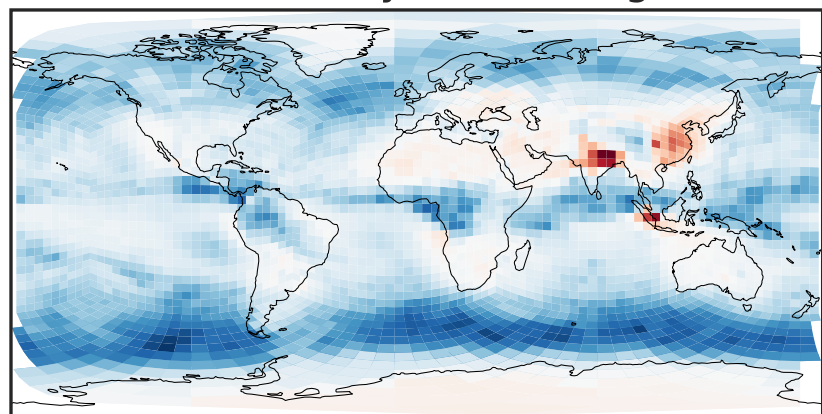
-5 0 5
s-1 $1e-7$

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



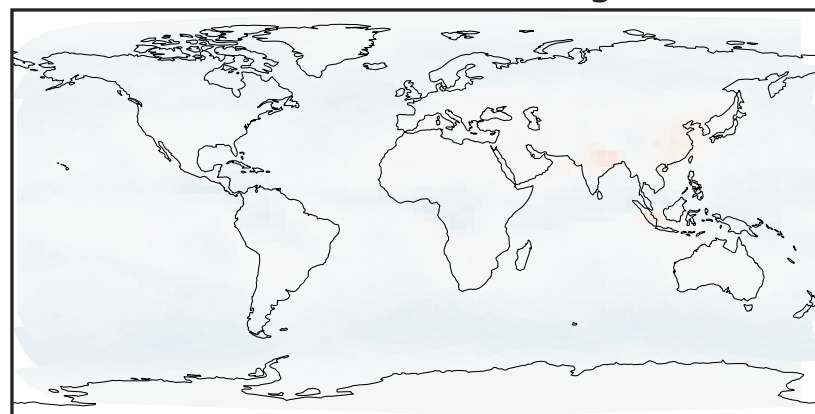
-2.5 0.0 2.5
s-1 $1e-7$

Ratio
Dev/Ref, Dynamic Range



0.9291 0.9645 1.0000 1.0382 1.0763
unitless

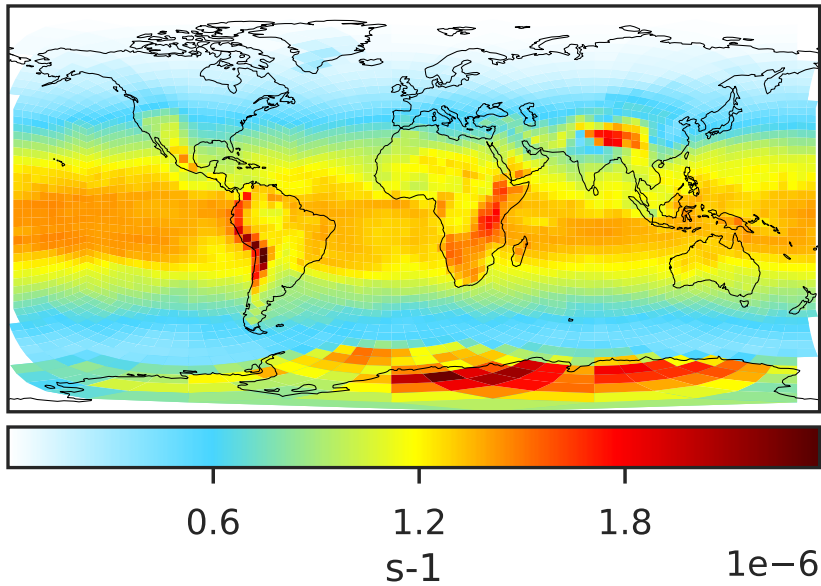
Ratio
Dev/Ref, Fixed Range



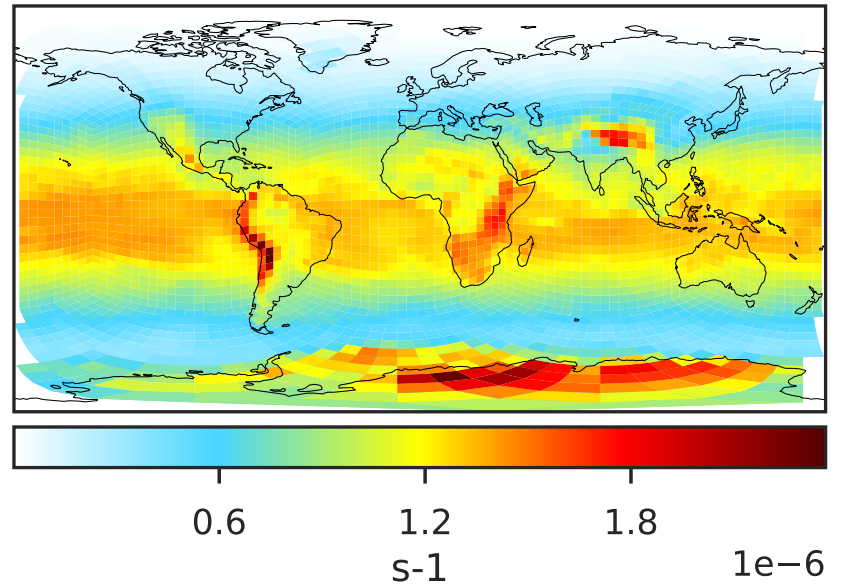
0.50 0.75 1.00 1.50 2.00
unitless

Jval_MEK (Oct2019)

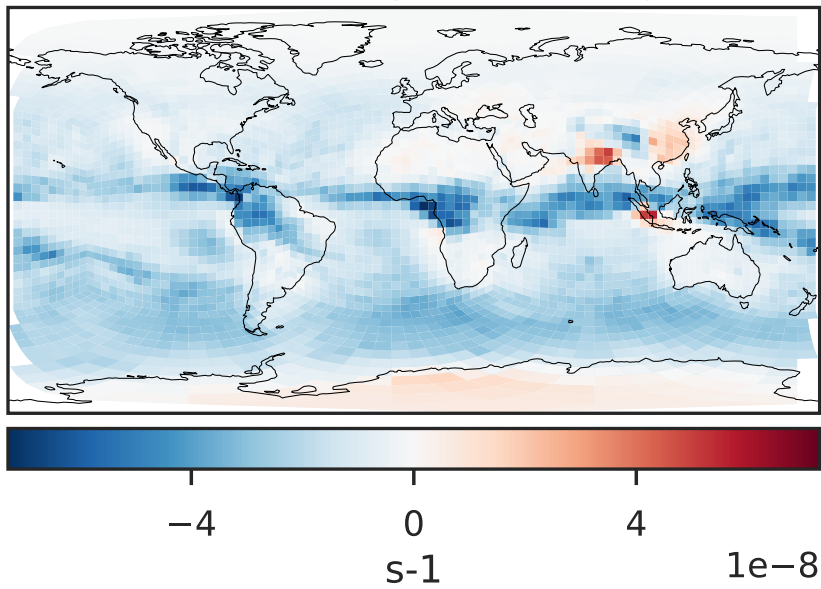
14.2.0-rc.2 (Ref)
c24



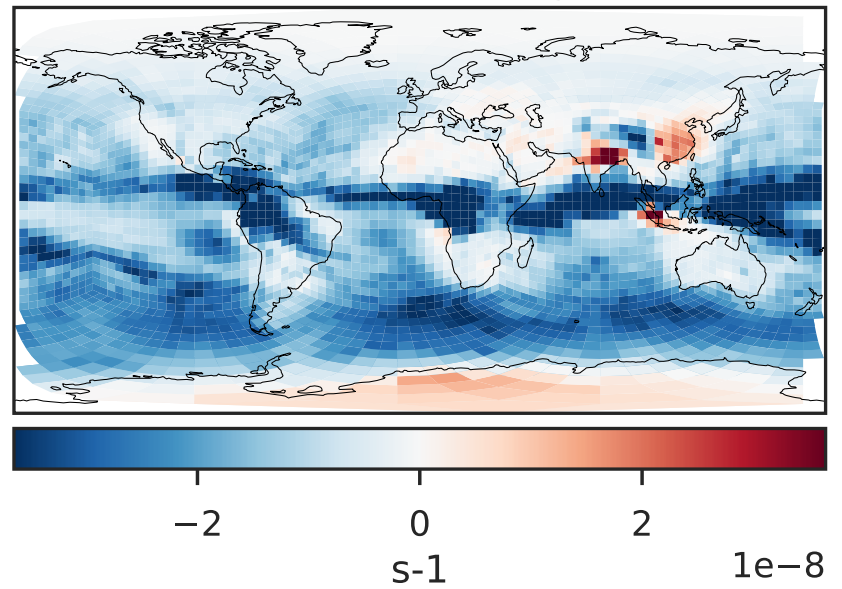
14.3.0-rc.0 (Dev)
c24



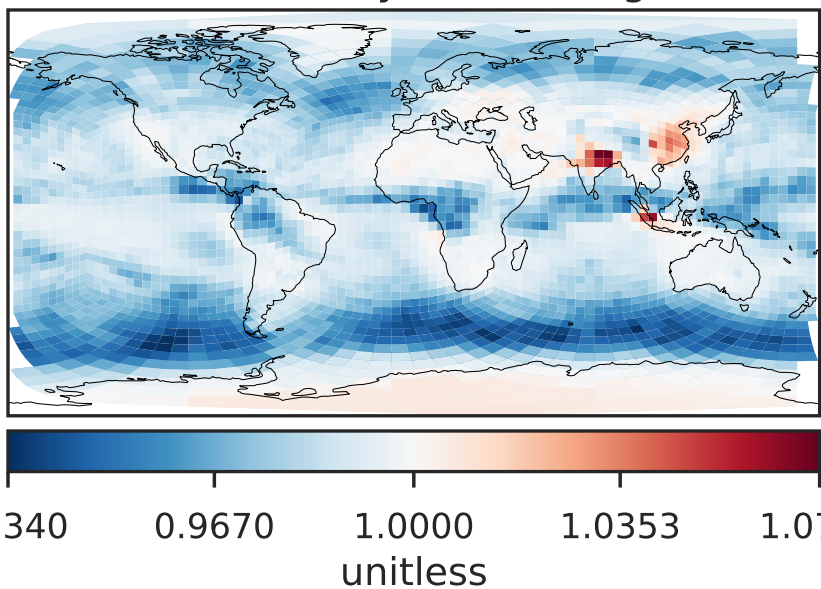
Difference
Dev - Ref, Dynamic Range



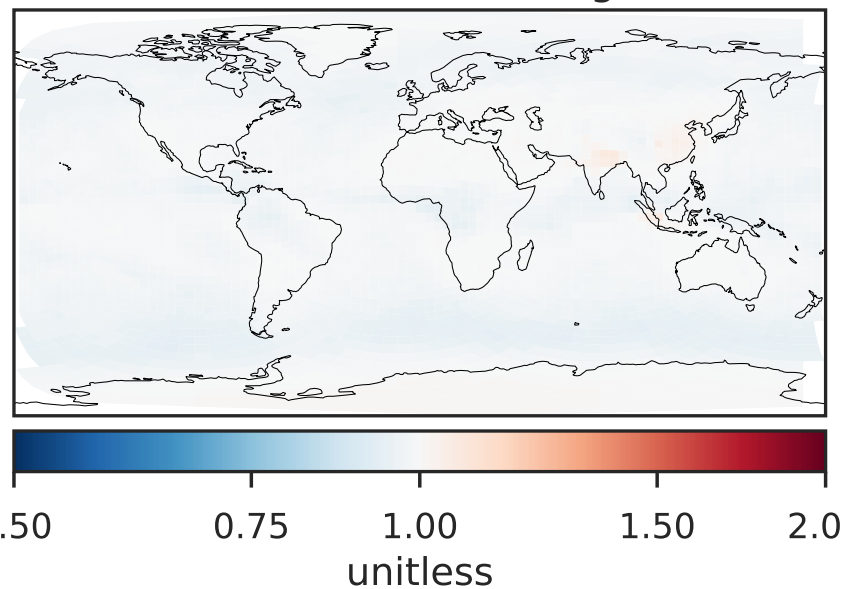
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

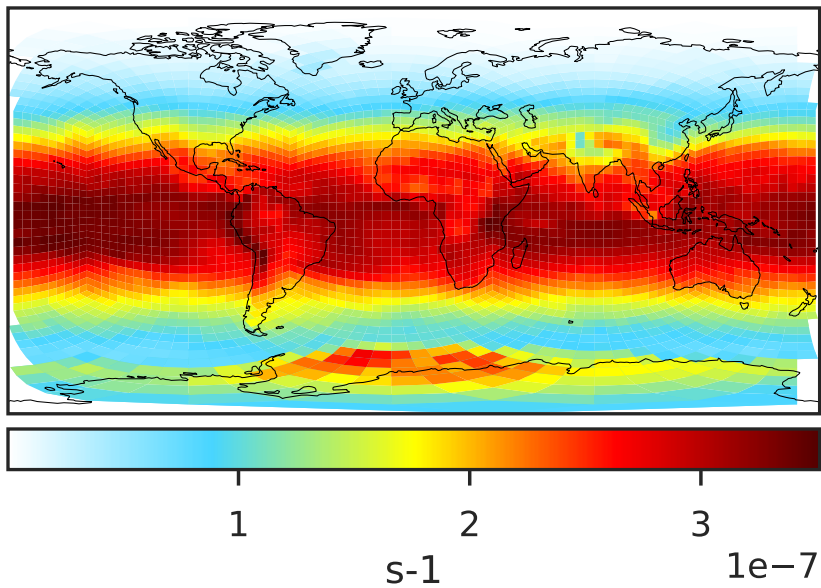


Ratio
Dev/Ref, Fixed Range

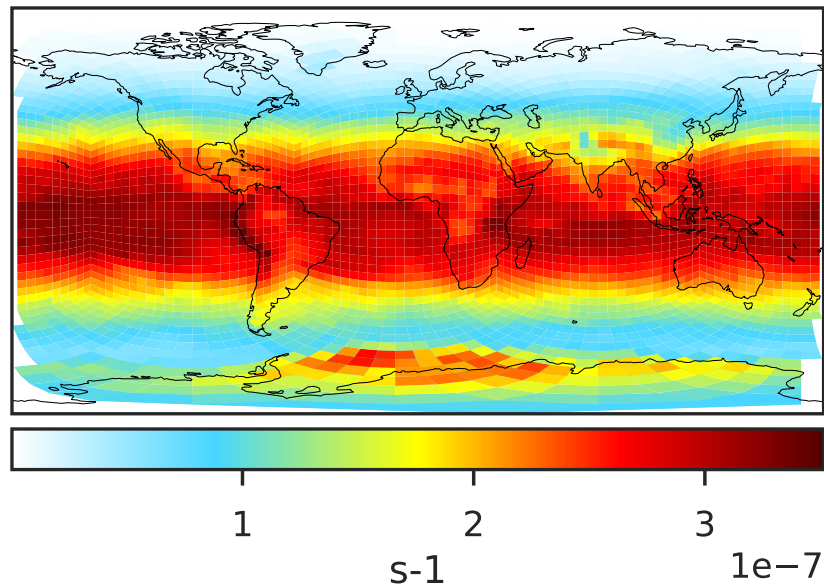


Jval_MENO3 (Oct2019)

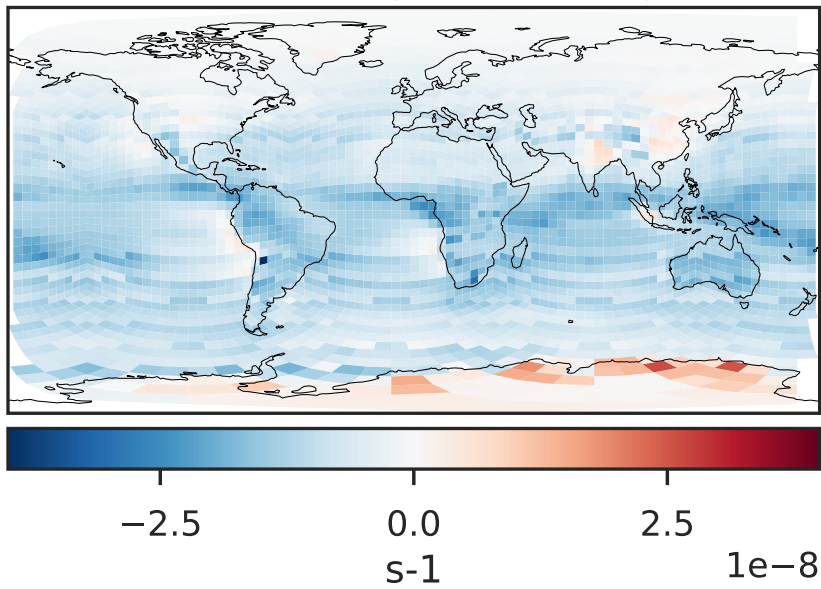
14.2.0-rc.2 (Ref)
c24



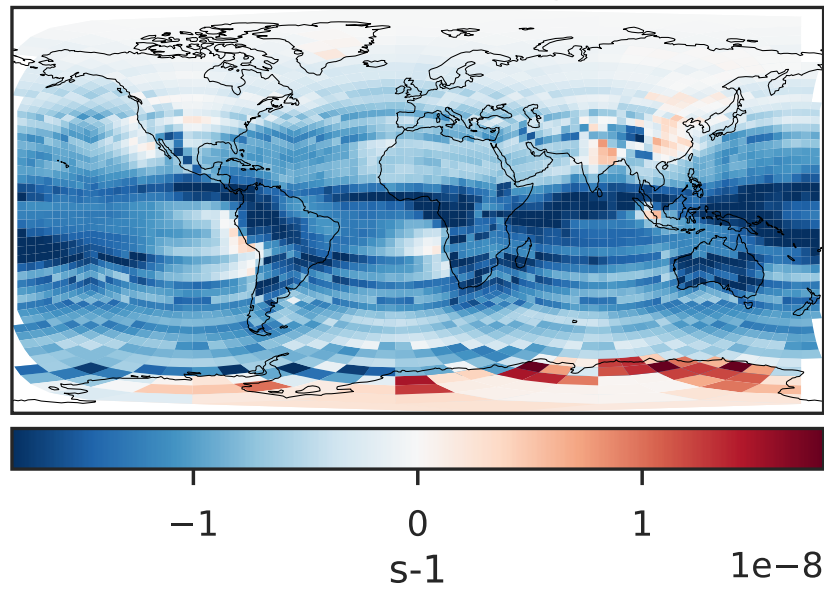
14.3.0-rc.0 (Dev)
c24



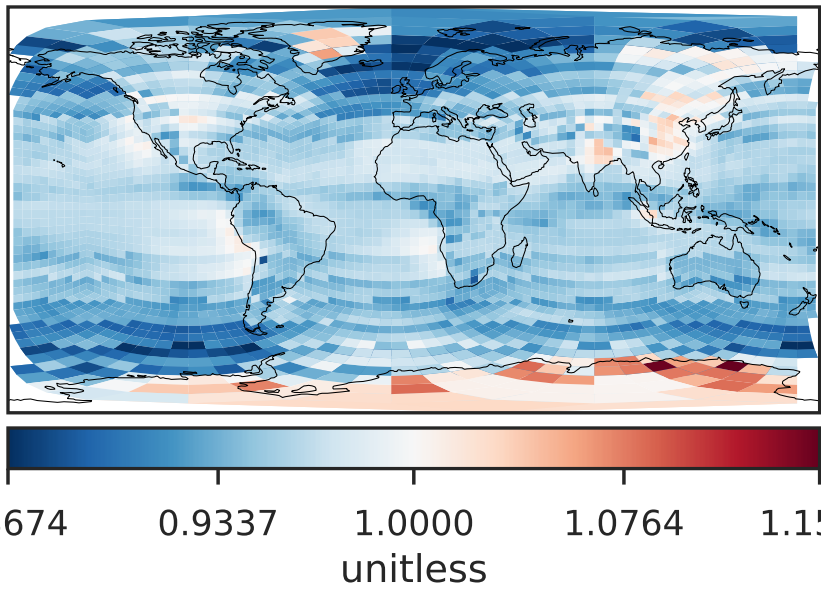
Difference
Dev - Ref, Dynamic Range



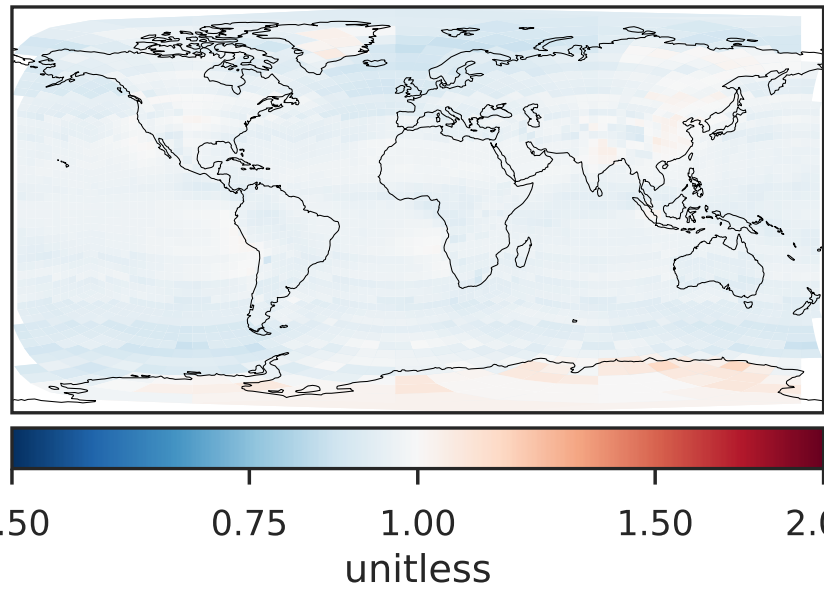
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

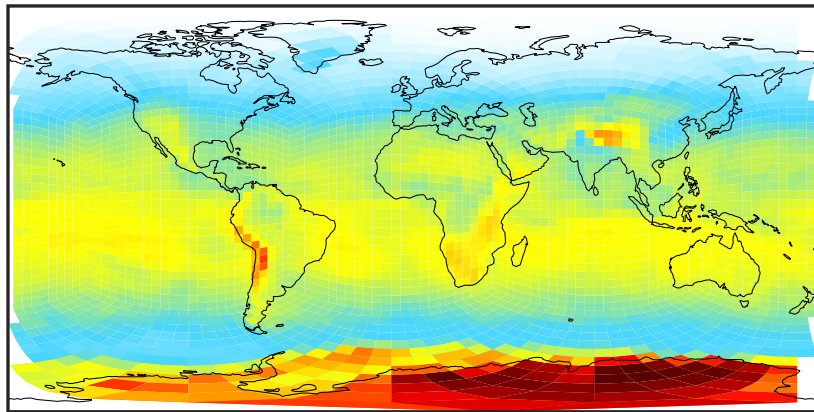


Ratio
Dev/Ref, Fixed Range



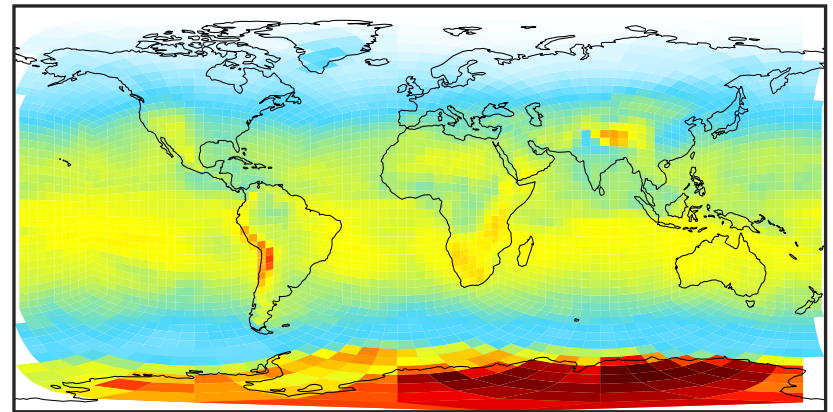
Jval_MGLY (Oct2019)

14.2.0-rc.2 (Ref)
c24



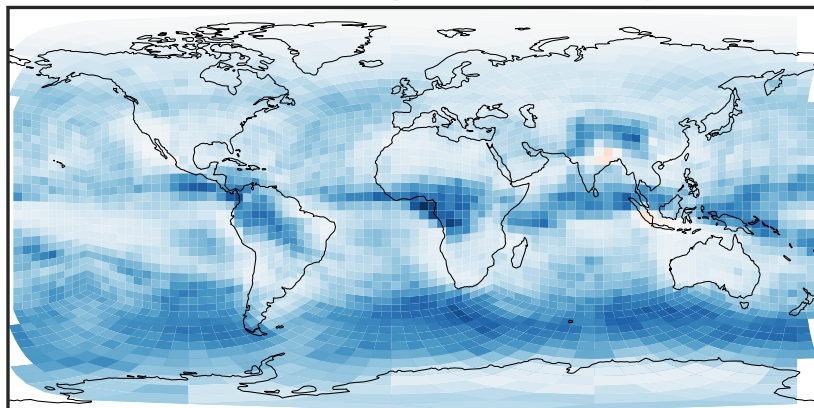
0.00004 0.00008 0.00012
s-1

14.3.0-rc.0 (Dev)
c24



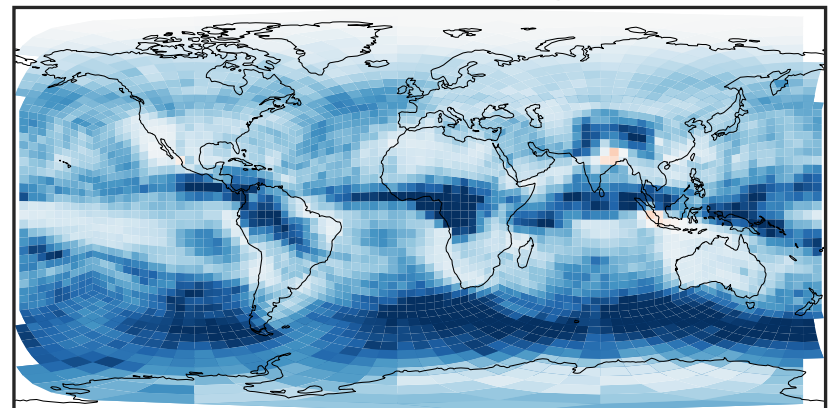
0.00004 0.00008 0.00012
s-1

Difference
Dev - Ref, Dynamic Range



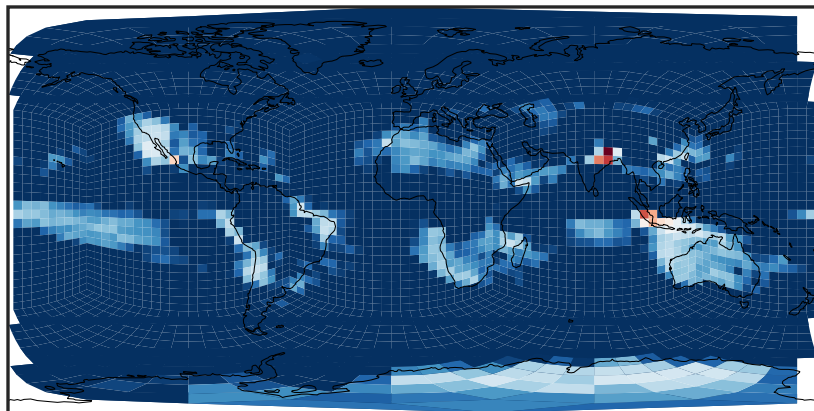
-2 0 2
s-1 1e-6

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



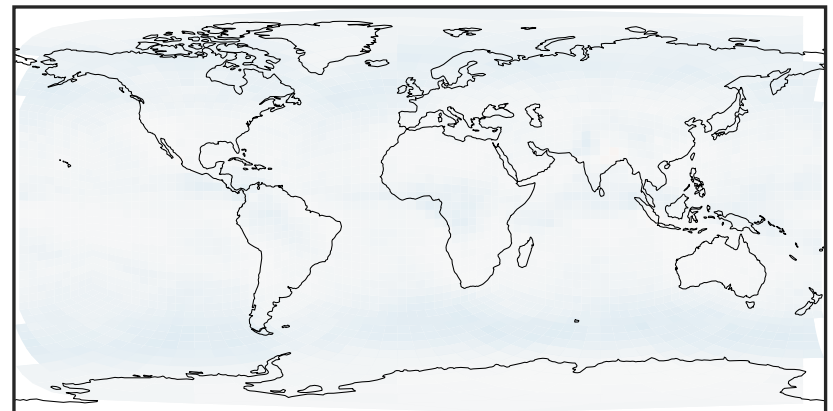
-1.5 0.0 1.5
s-1 1e-6

Ratio
Dev/Ref, Dynamic Range



0.98628 0.99314 1.00000 1.00695 1.01391
unitless

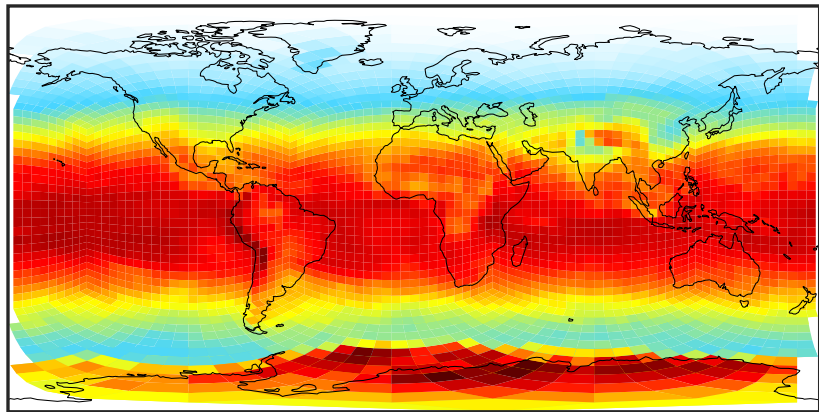
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

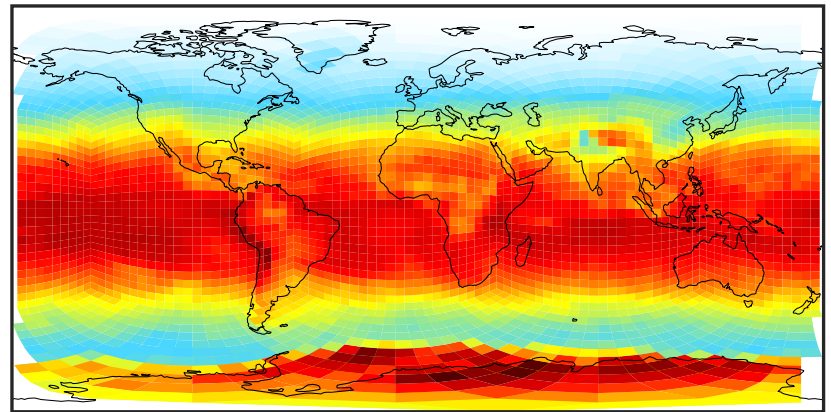
Jval_MONITS (Oct2019)

14.2.0-rc.2 (Ref)
c24



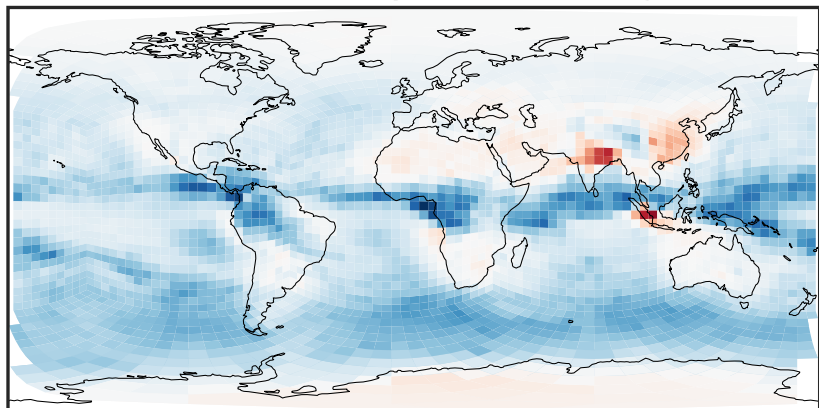
2.5 5.0 7.5
s-1 $1e-7$

14.3.0-rc.0 (Dev)
c24



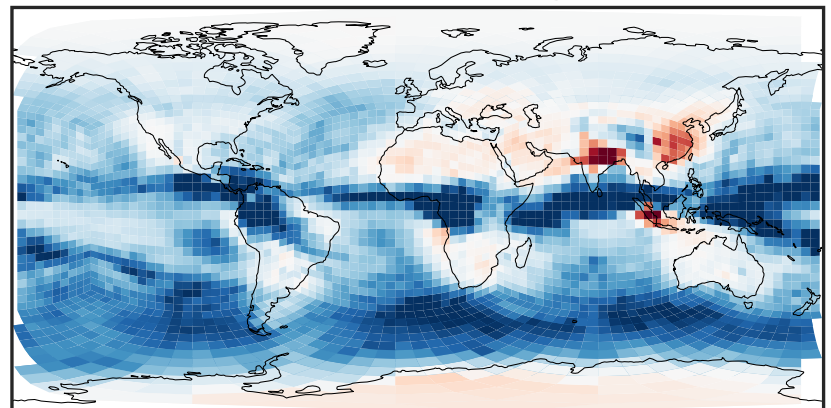
2.5 5.0 7.5
s-1 $1e-7$

Difference
Dev - Ref, Dynamic Range



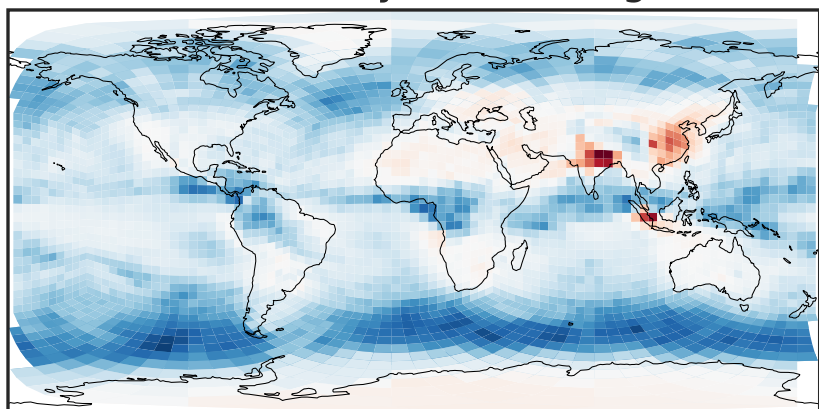
-2.5 0.0 2.5
s-1 $1e-8$

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



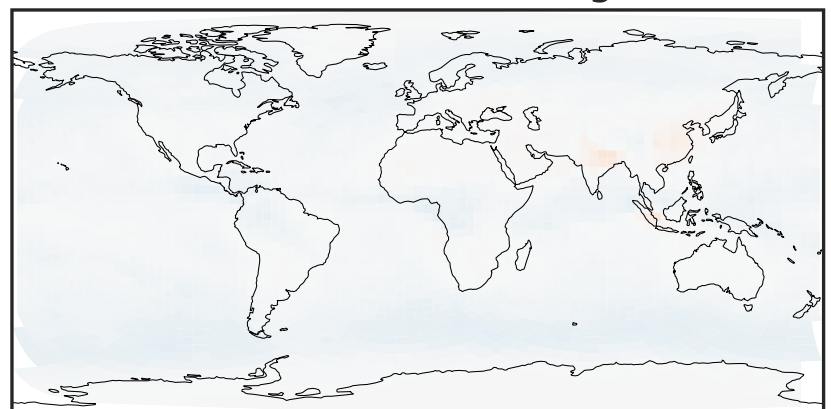
-1.5 0.0 1.5
s-1 $1e-8$

Ratio
Dev/Ref, Dynamic Range



0.9269 0.9634 1.0000 1.0394 1.0789
unitless

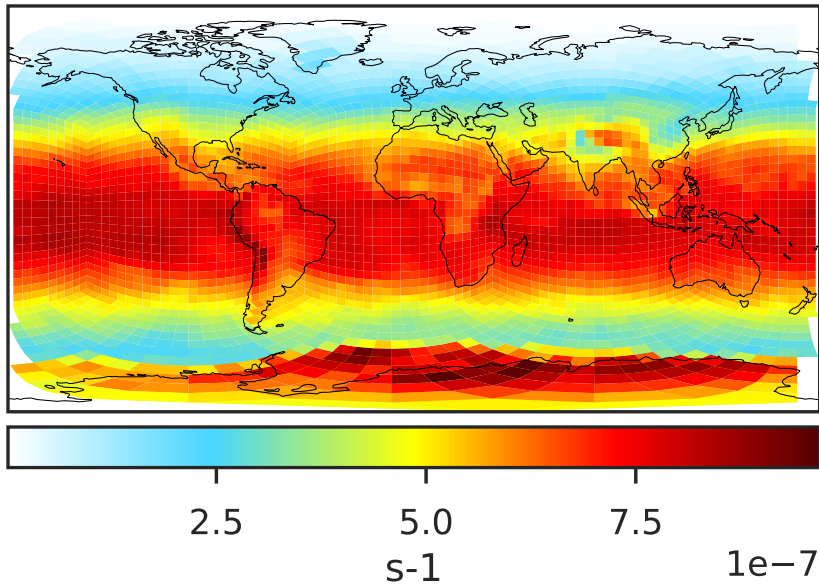
Ratio
Dev/Ref, Fixed Range



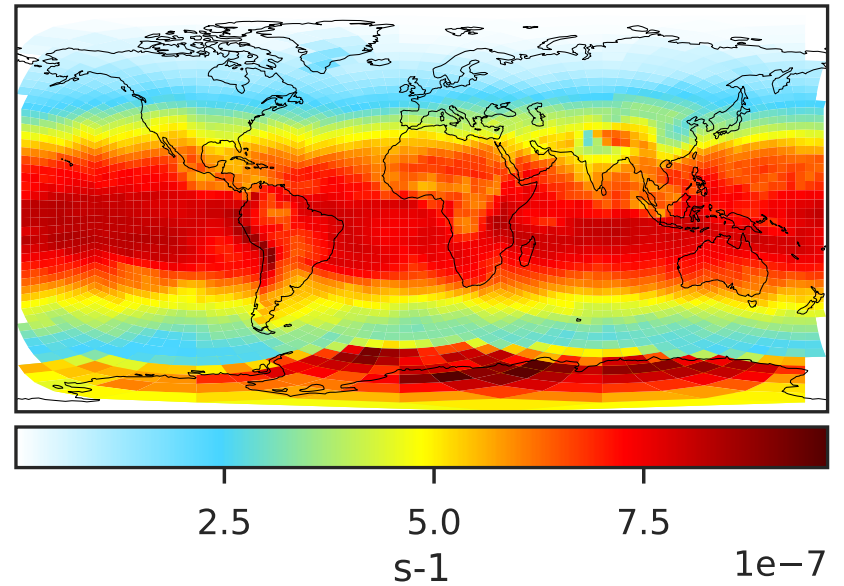
0.50 0.75 1.00 1.50 2.00
unitless

Jval_MONITU (Oct2019)

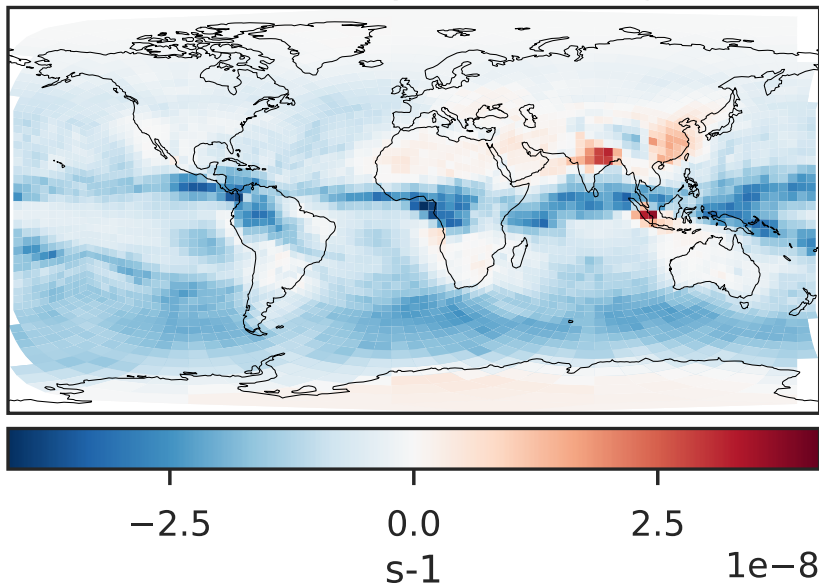
14.2.0-rc.2 (Ref)
c24



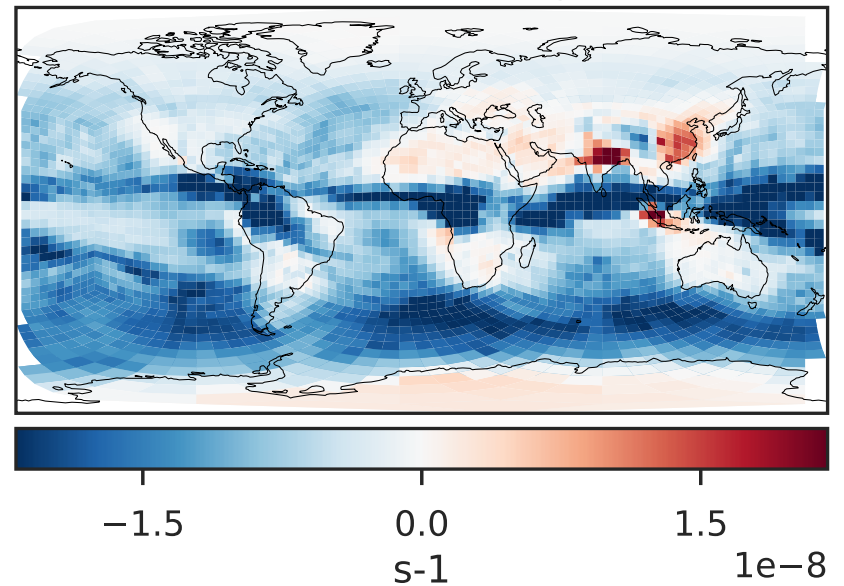
14.3.0-rc.0 (Dev)
c24



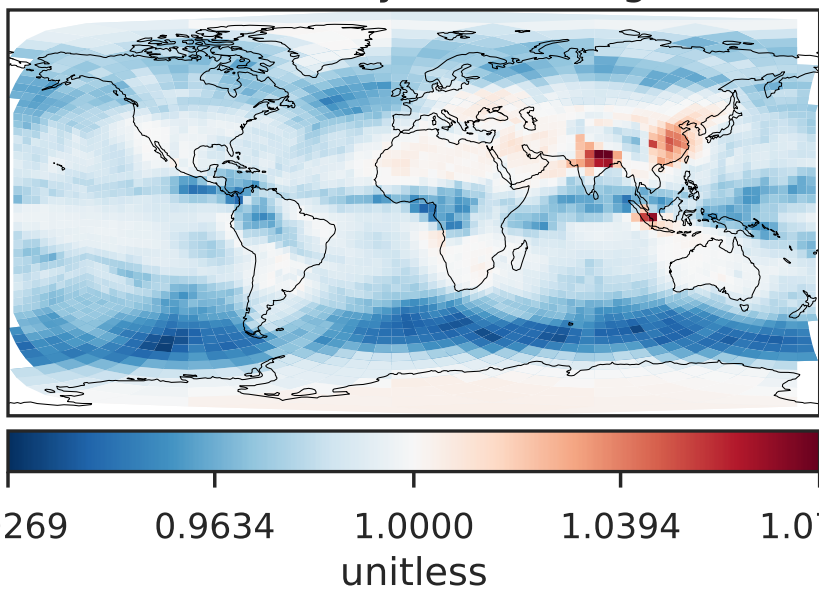
Difference
Dev - Ref, Dynamic Range



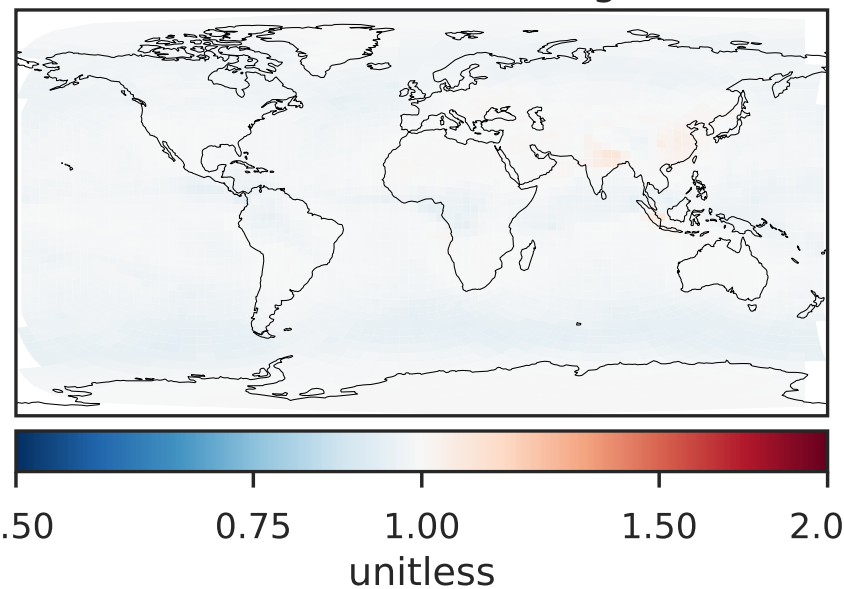
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

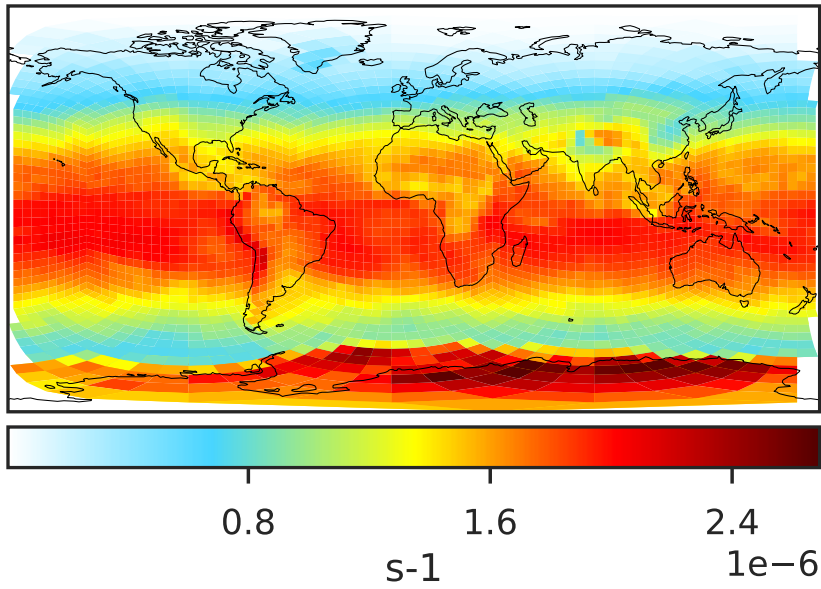


Ratio
Dev/Ref, Fixed Range

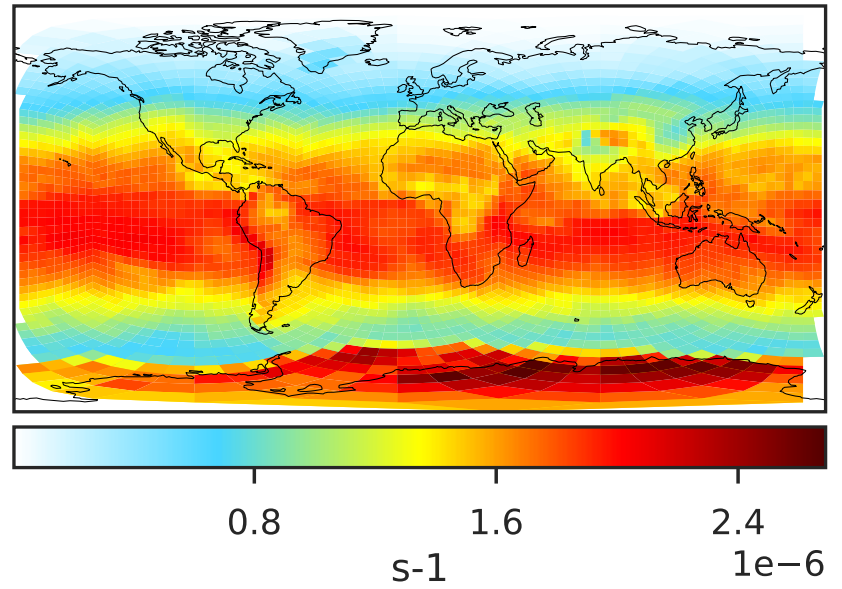


Jval_MP (Oct2019)

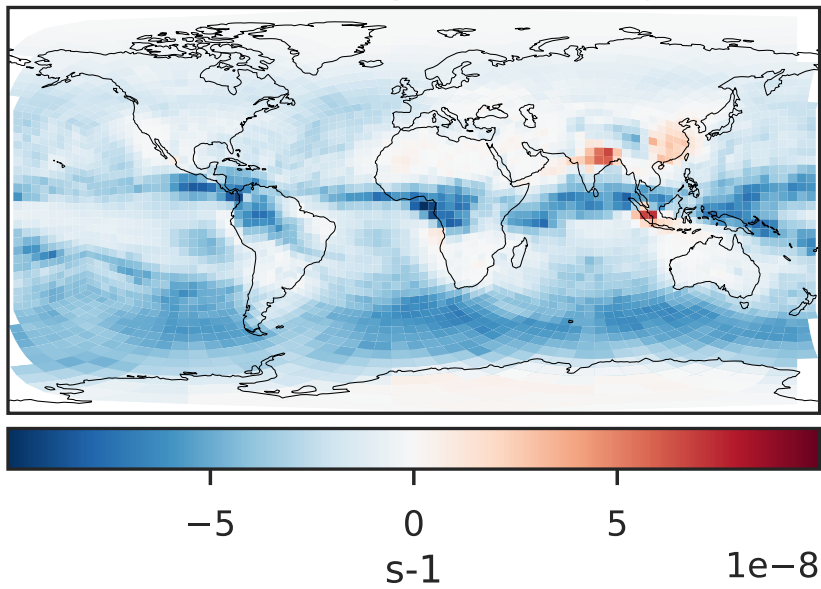
14.2.0-rc.2 (Ref)
c24



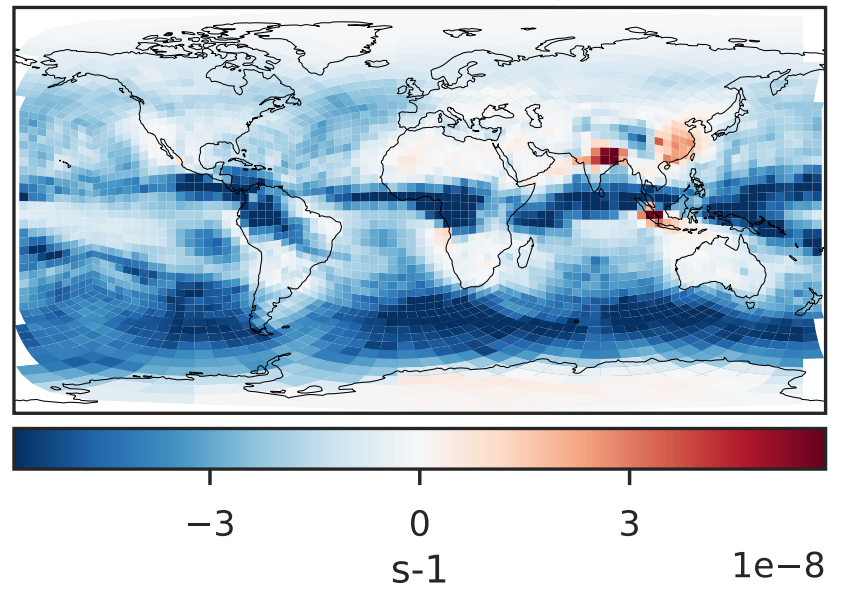
14.3.0-rc.0 (Dev)
c24



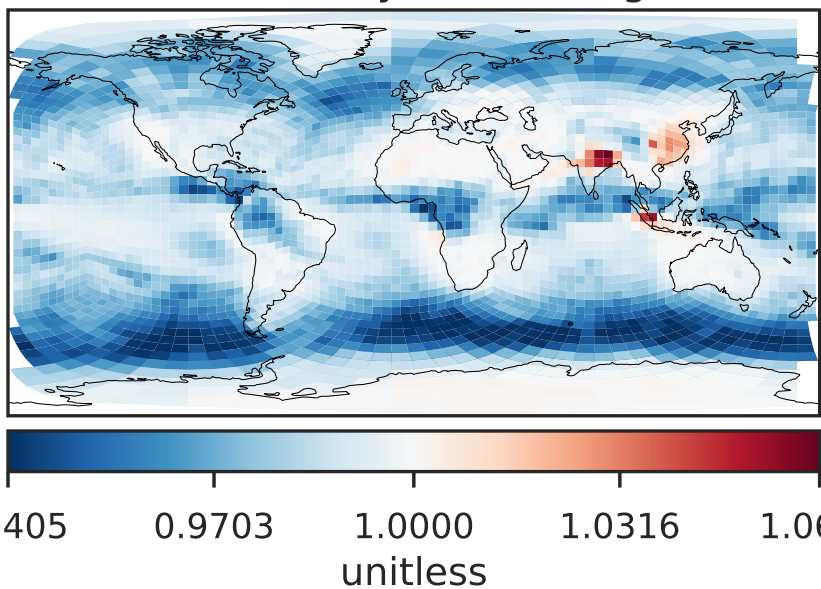
Difference
Dev - Ref, Dynamic Range



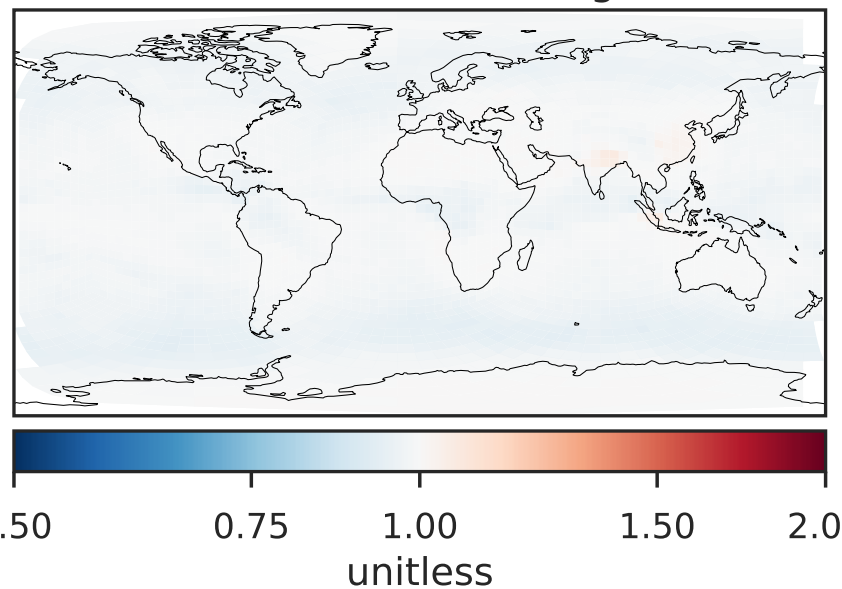
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

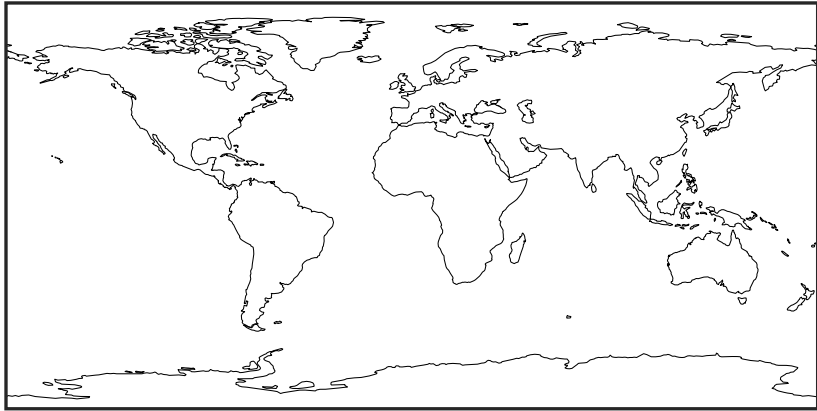


Ratio
Dev/Ref, Fixed Range



Jval_MPAN (Oct2019)

14.2.0-rc.2 (Ref)
c24



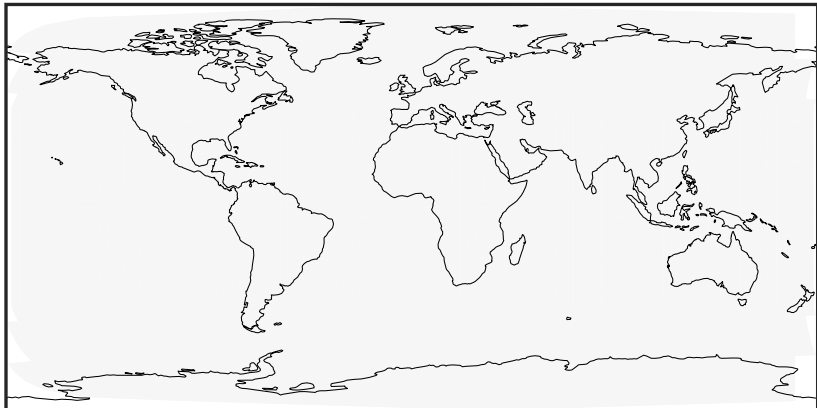
Zero throughput domain
s-1

14.3.0-rc.0 (Dev)
c24



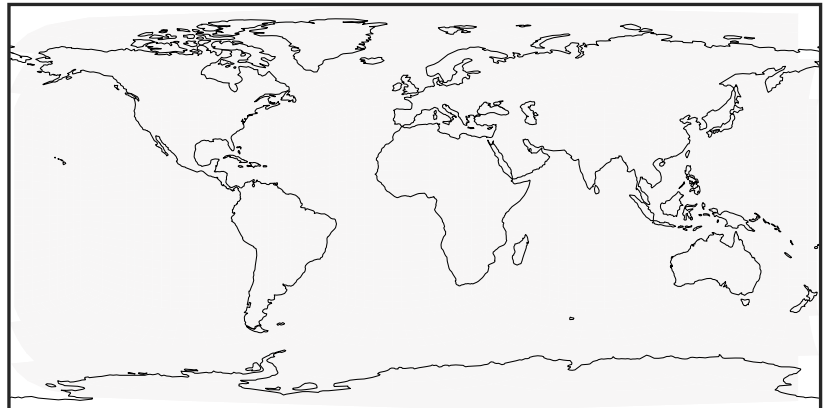
Zero throughput domain
s-1

Difference
Dev - Ref, Dynamic Range



Zero throughput domain
s-1

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



Zero throughput domain
s-1

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

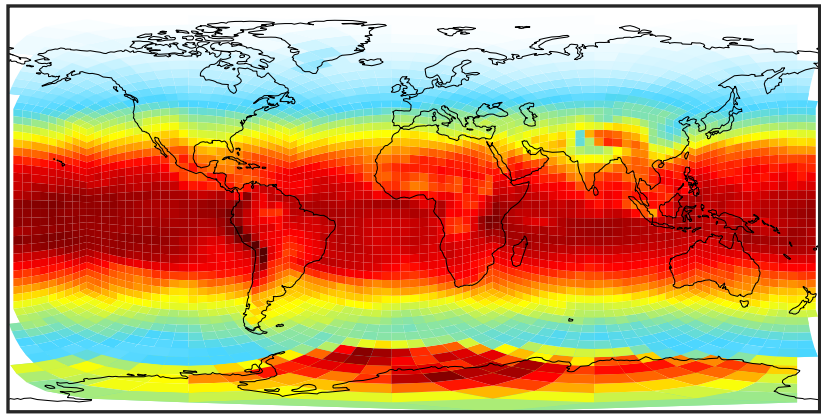
Ratio
Dev/Ref, Fixed Range



Undefined throughout domain
unitless

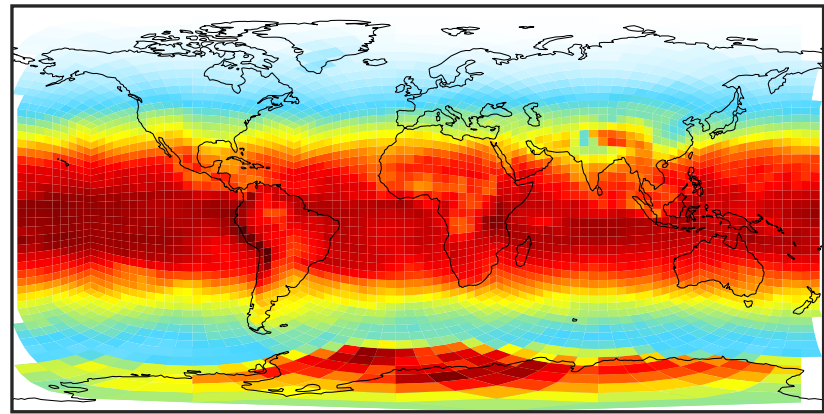
Jval_MPN (Oct2019)

14.2.0-rc.2 (Ref)
c24



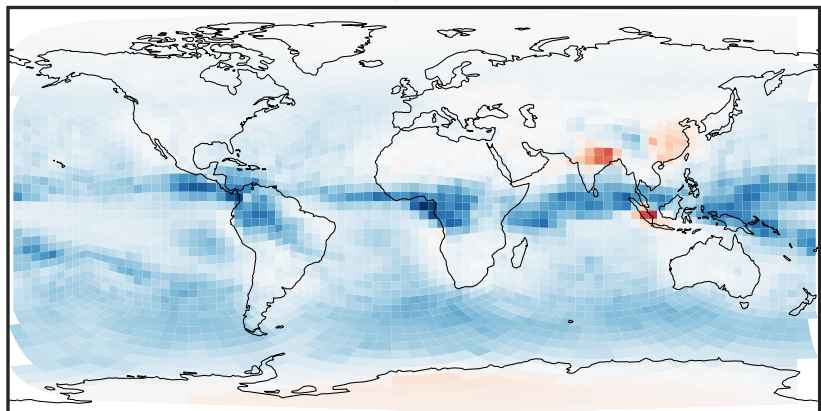
0.4 0.8 1.2
s-1 $1e-6$

14.3.0-rc.0 (Dev)
c24



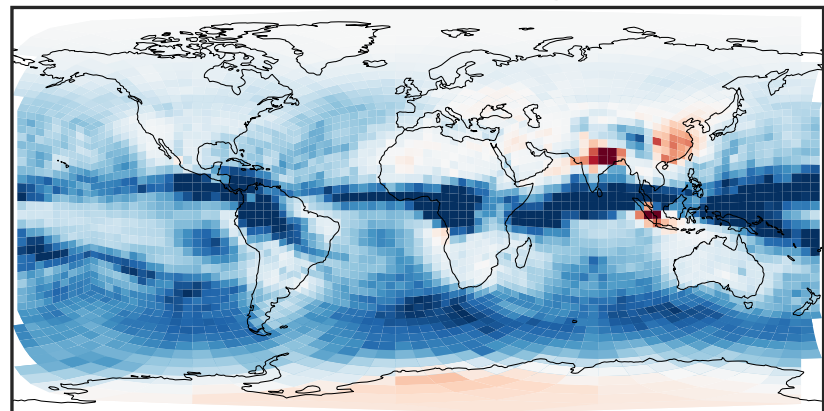
0.4 0.8 1.2
s-1 $1e-6$

Difference
Dev - Ref, Dynamic Range



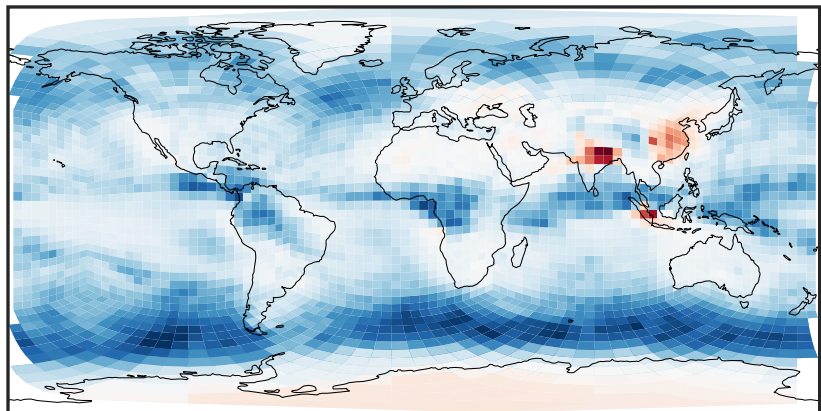
-4 0 4
s-1 $1e-8$

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



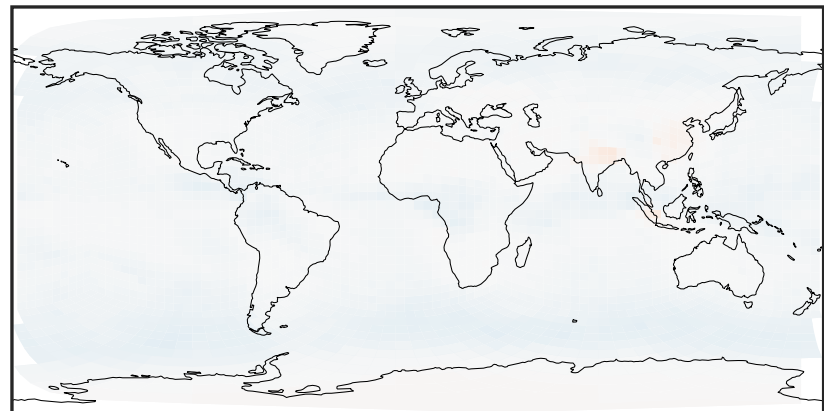
-2 0 2
s-1 $1e-8$

Ratio
Dev/Ref, Dynamic Range



0.9355 0.9678 1.0000 1.0345 1.0689
unitless

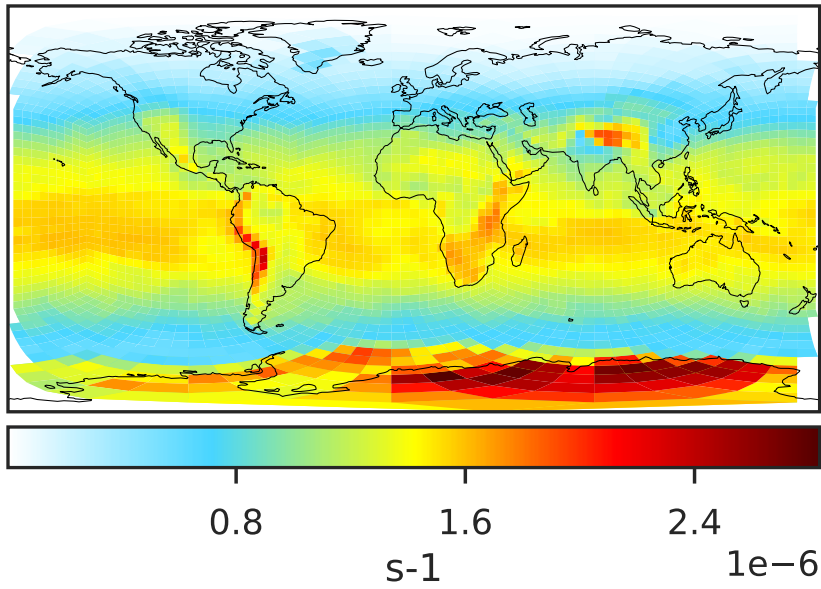
Ratio
Dev/Ref, Fixed Range



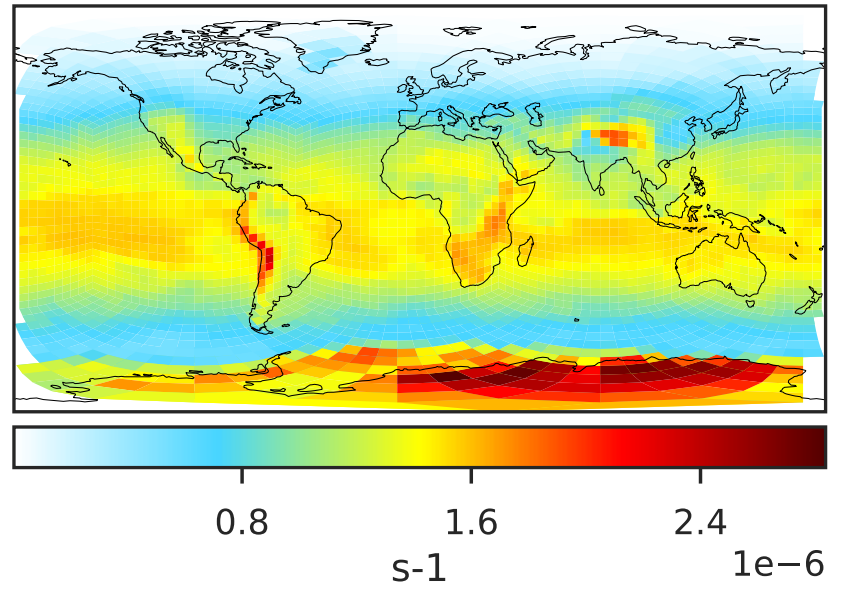
0.50 0.75 1.00 1.50 2.00
unitless

Jval_MVK (Oct2019)

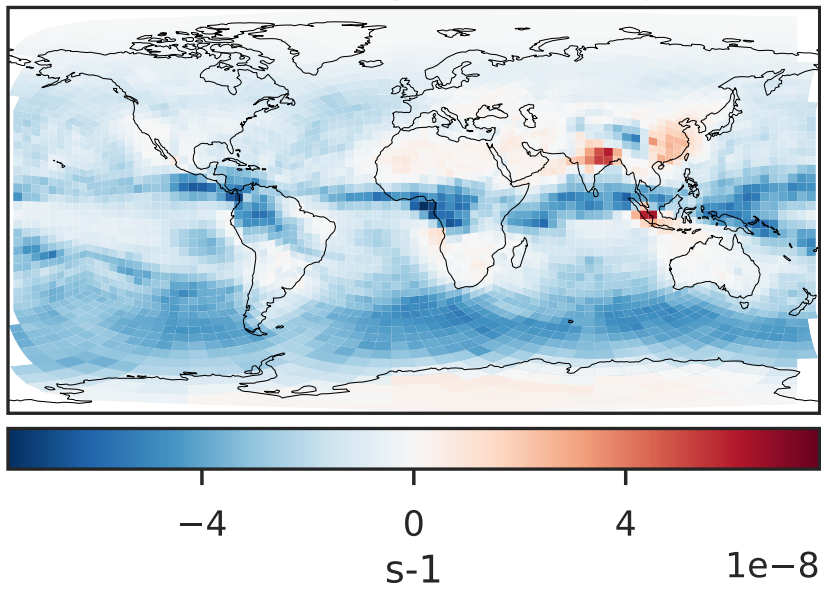
14.2.0-rc.2 (Ref)
c24



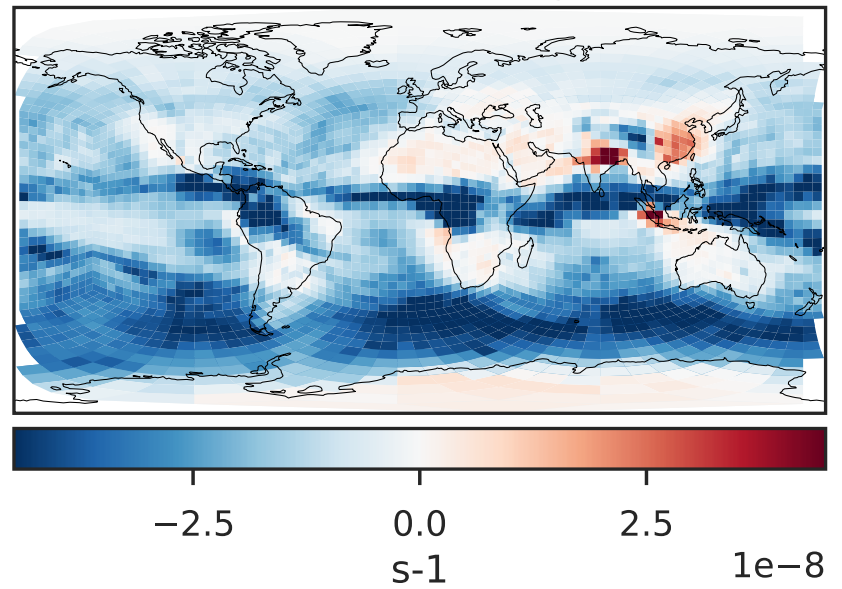
14.3.0-rc.0 (Dev)
c24



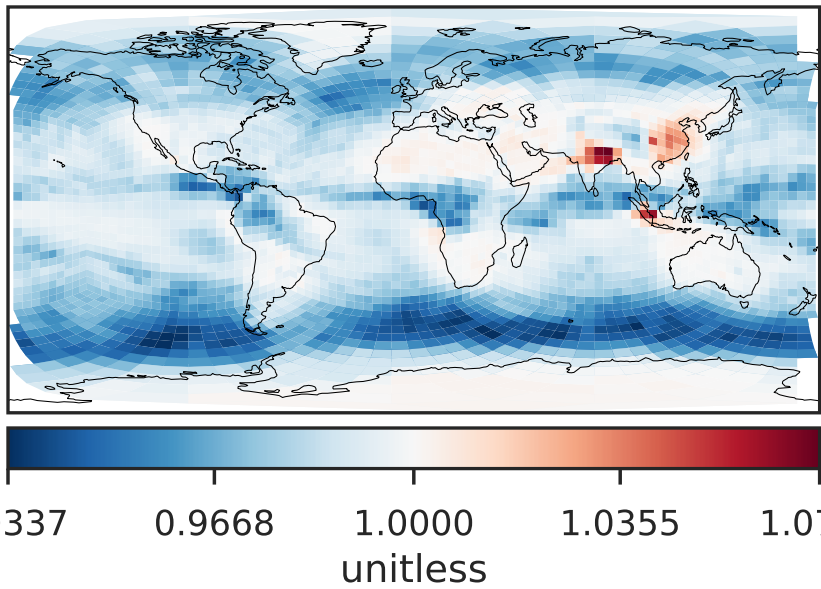
Difference
Dev - Ref, Dynamic Range



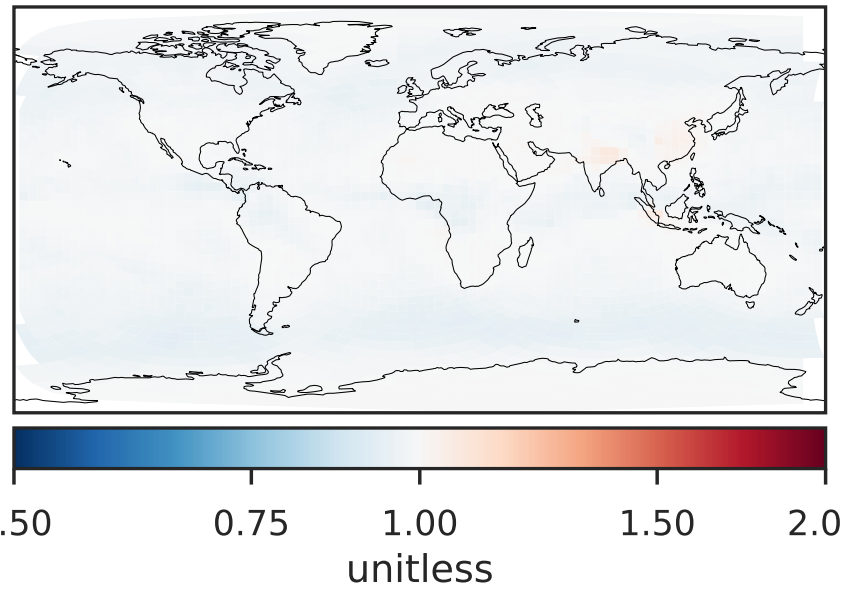
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

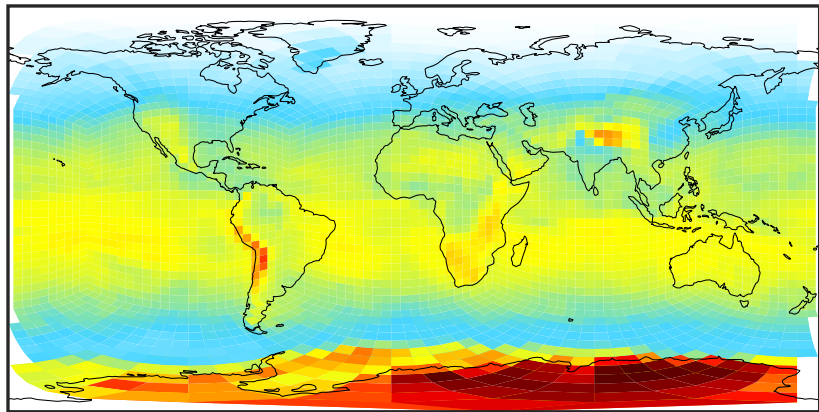


Ratio
Dev/Ref, Fixed Range



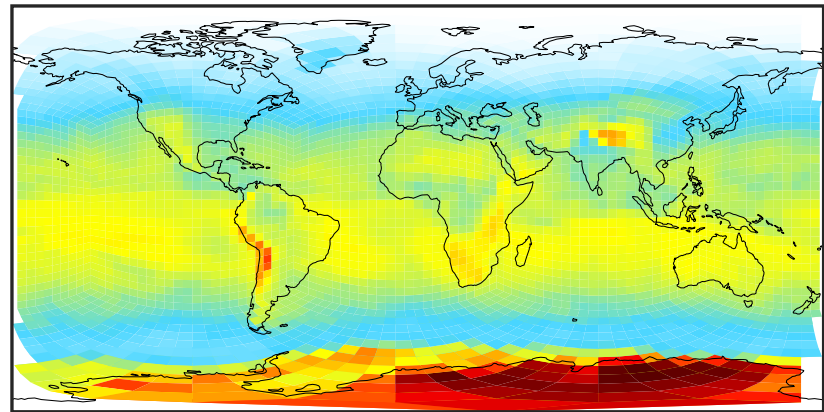
Jval_MVKHC (Oct2019)

14.2.0-rc.2 (Ref)
c24



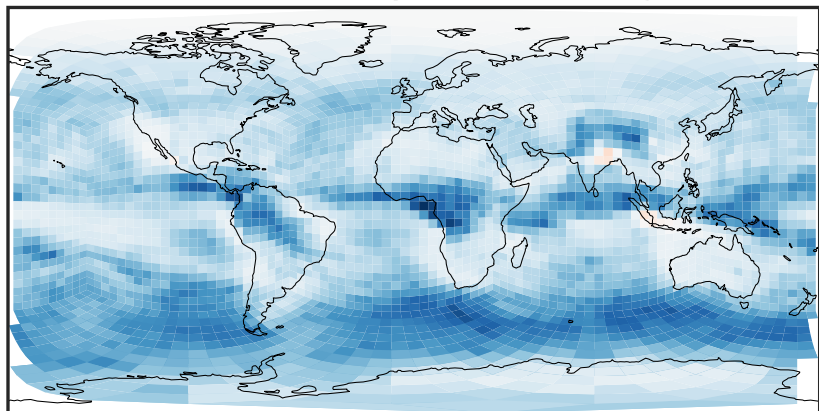
0.00004 0.00008 0.00012
s-1

14.3.0-rc.0 (Dev)
c24



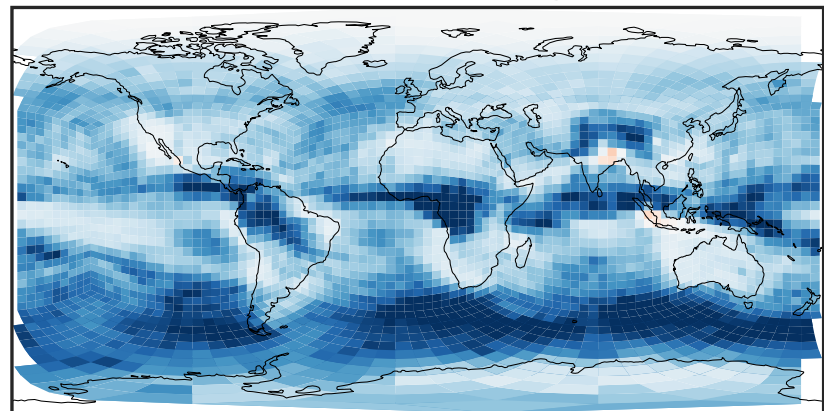
0.00004 0.00008 0.00012
s-1

Difference
Dev - Ref, Dynamic Range



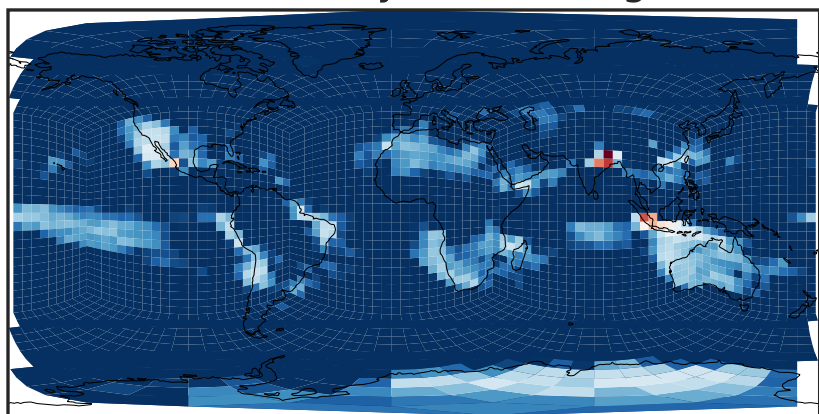
-2 0 2
s-1 1e-6

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



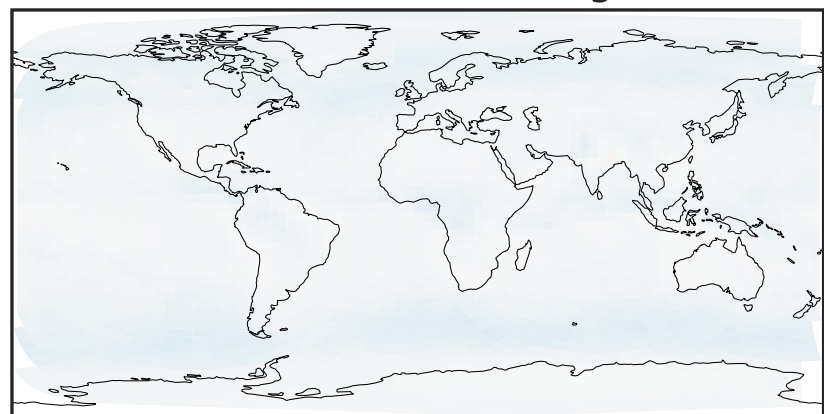
-1.5 0.0 1.5
s-1 1e-6

Ratio
Dev/Ref, Dynamic Range



0.98628 0.99314 1.00000 1.00695 1.01391
unitless

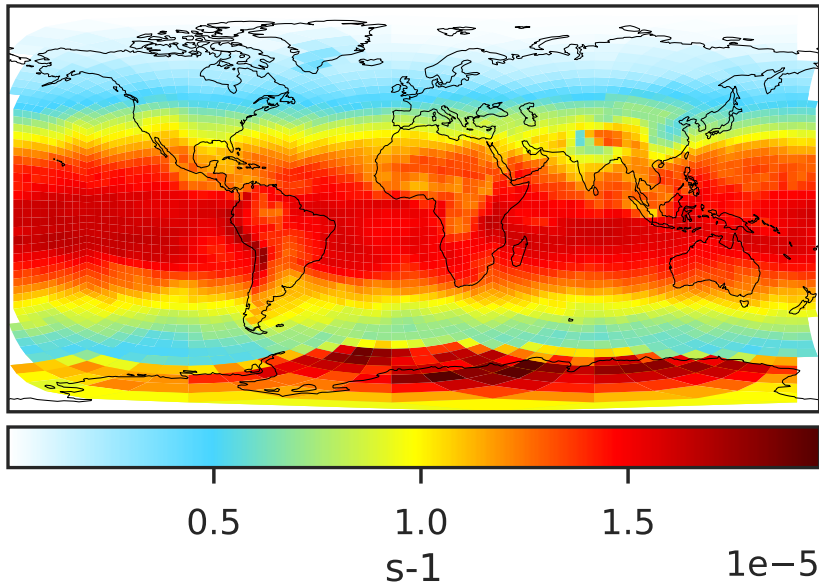
Ratio
Dev/Ref, Fixed Range



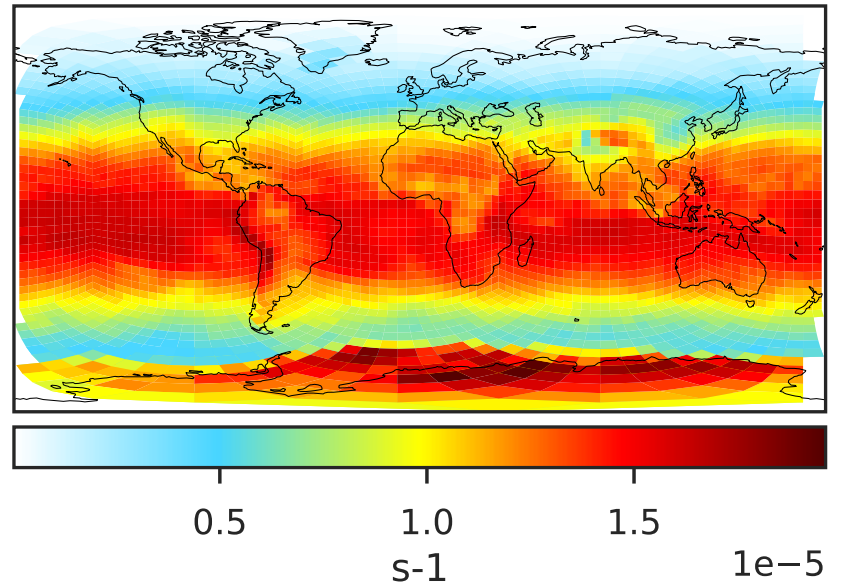
0.50 0.75 1.00 1.50 2.00
unitless

Jval_MVKHCB (Oct2019)

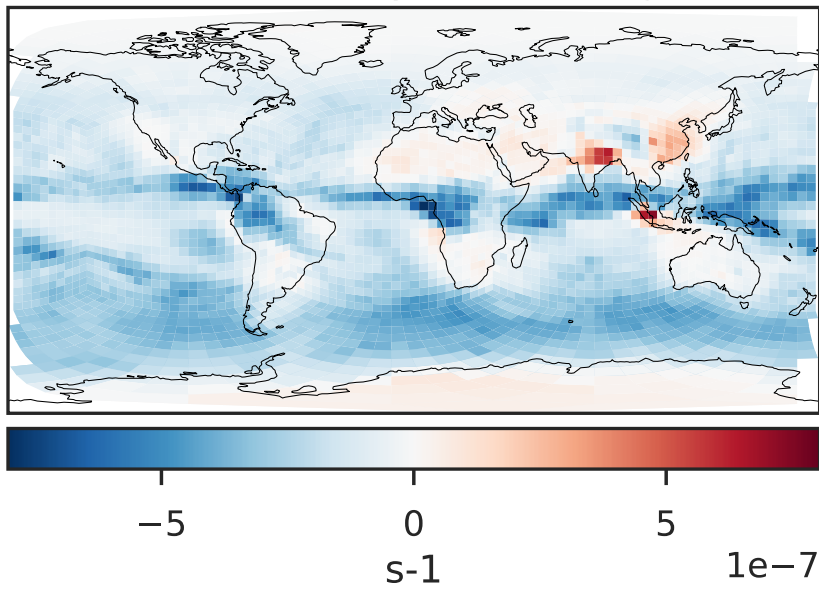
14.2.0-rc.2 (Ref)
c24



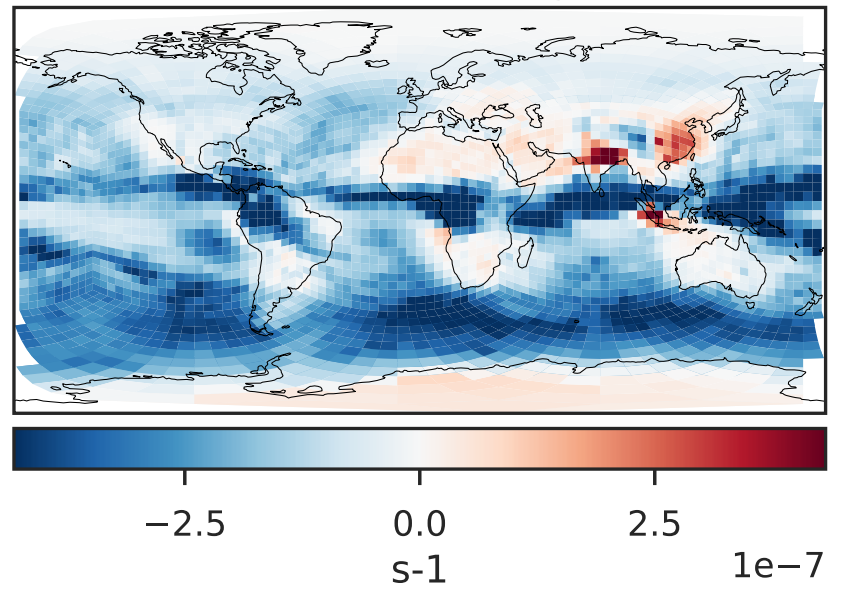
14.3.0-rc.0 (Dev)
c24



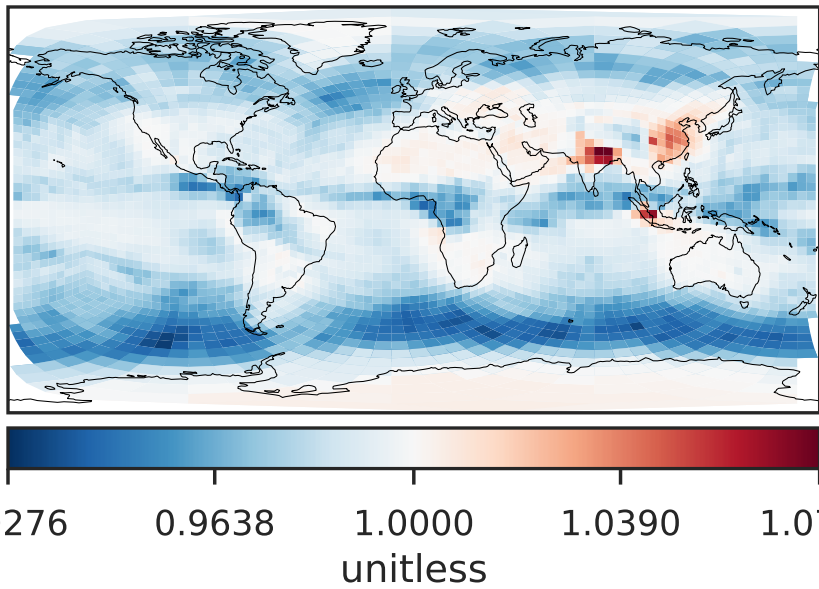
Difference
Dev - Ref, Dynamic Range



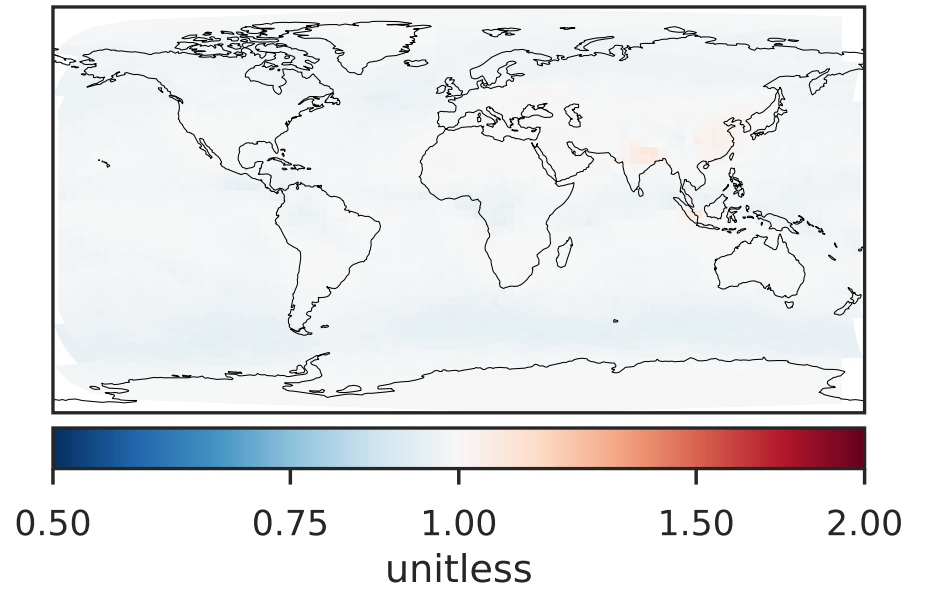
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

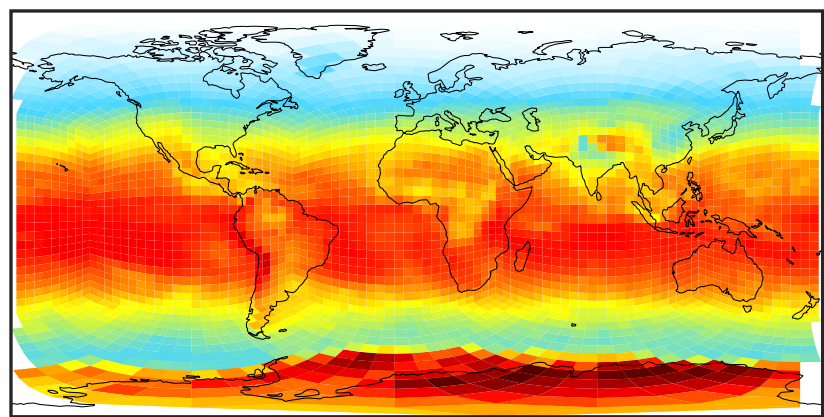


Ratio
Dev/Ref, Fixed Range



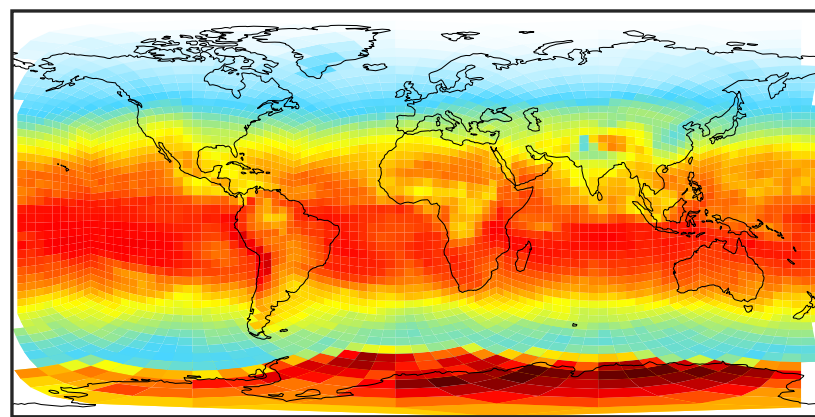
Jval_MVKHP (Oct2019)

14.2.0-rc.2 (Ref)
c24



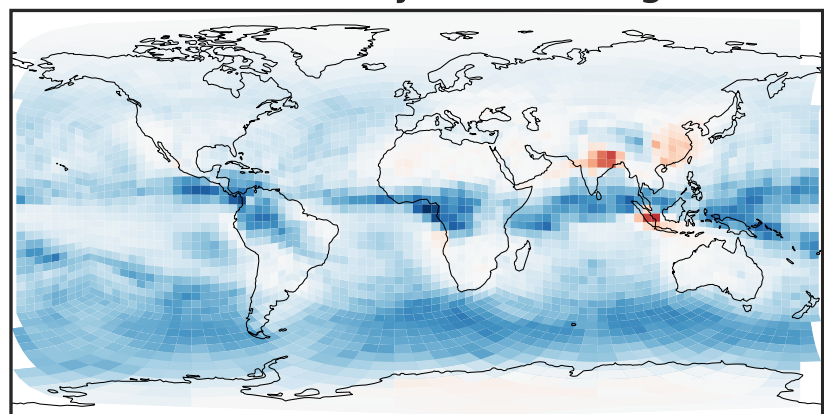
0.8 1.6 2.4
s-1 10^{-6}

14.3.0-rc.0 (Dev)
c24



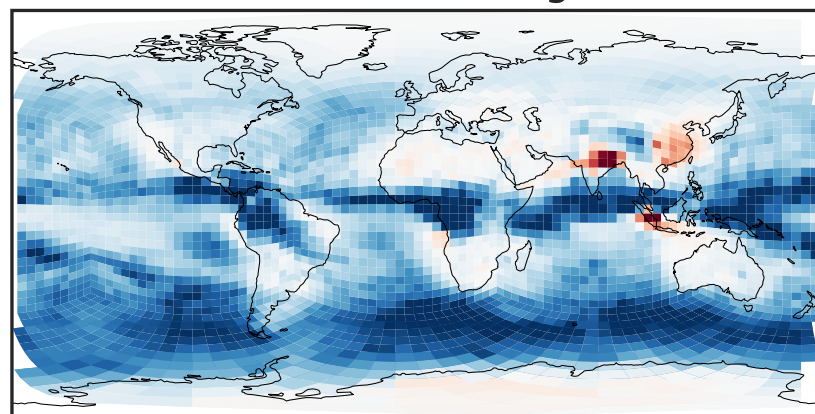
0.8 1.6 2.4
s-1 10^{-6}

Difference
Dev - Ref, Dynamic Range



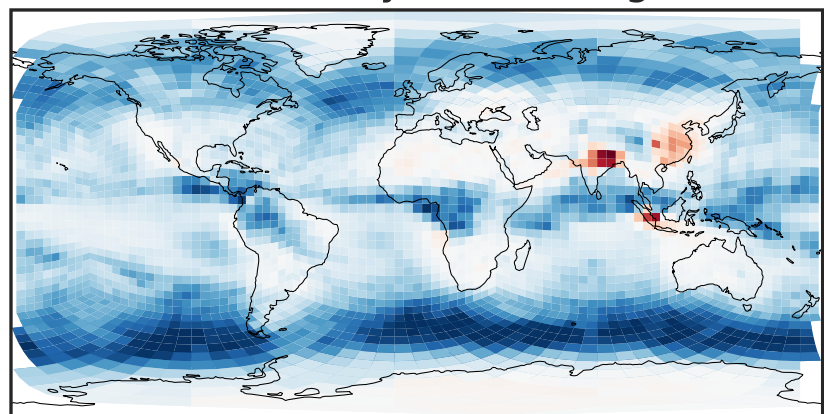
-5 0 5
s-1 10^{-8}

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



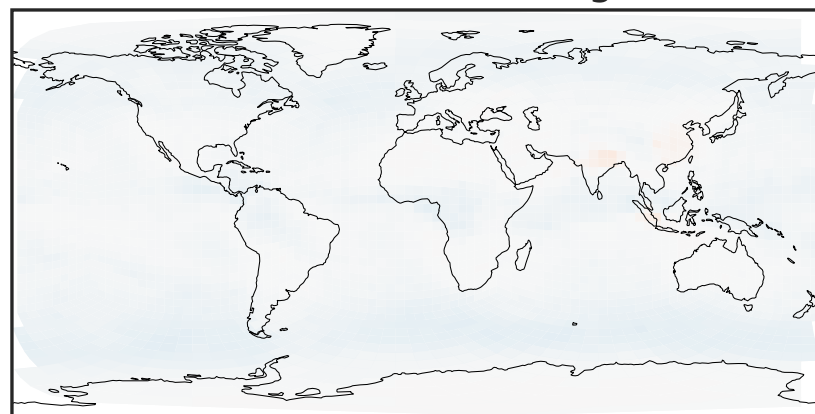
-3 0 3
s-1 10^{-8}

Ratio
Dev/Ref, Dynamic Range



0.9405 0.9703 1.0000 1.0316 1.0632
unitless

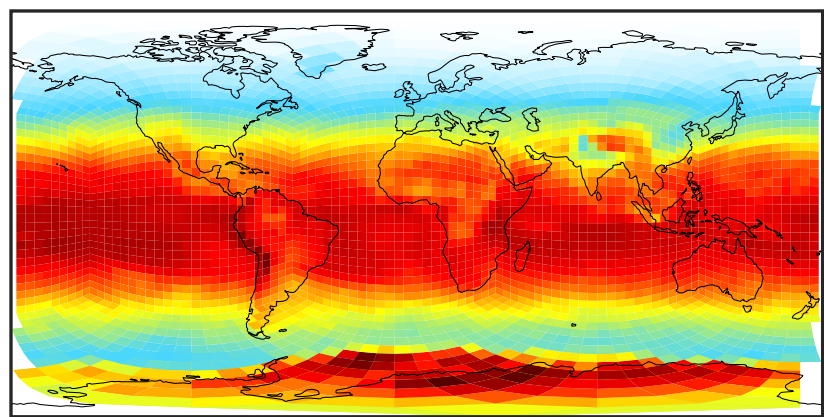
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

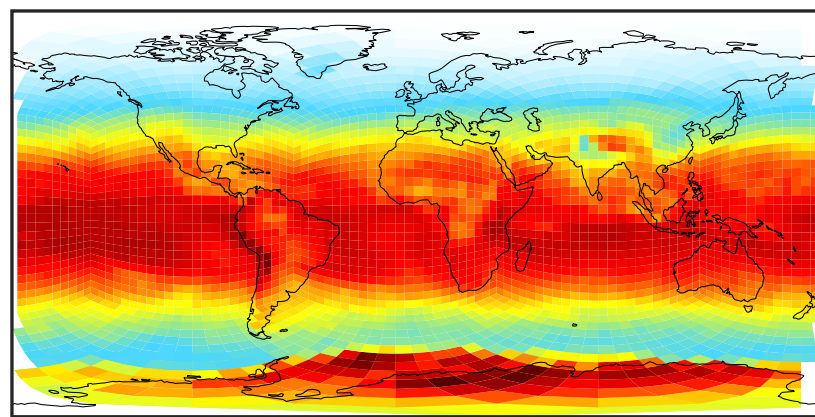
Jval_MVKN (Oct2019)

14.2.0-rc.2 (Ref)
c24



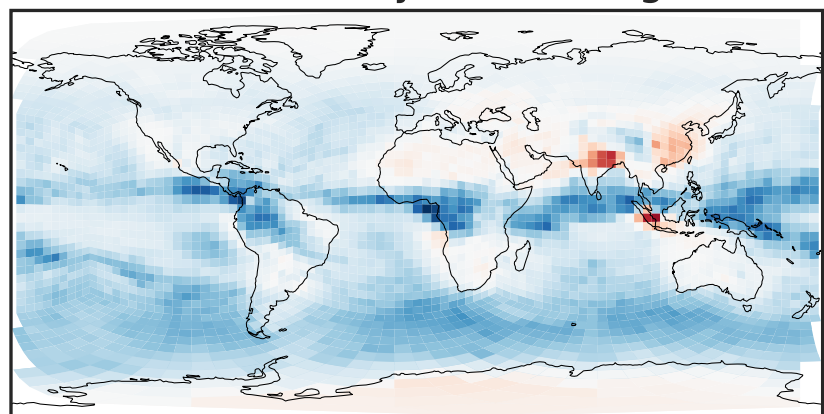
0.5 1.0 1.5
s-1 $1e-5$

14.3.0-rc.0 (Dev)
c24



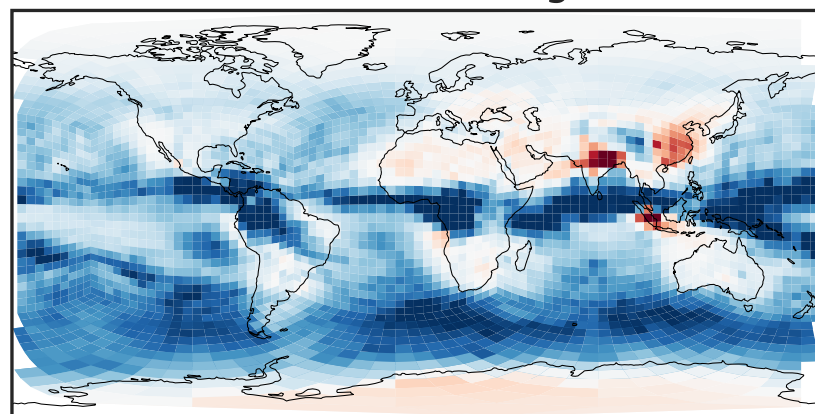
0.5 1.0 1.5
s-1 $1e-5$

Difference
Dev - Ref, Dynamic Range



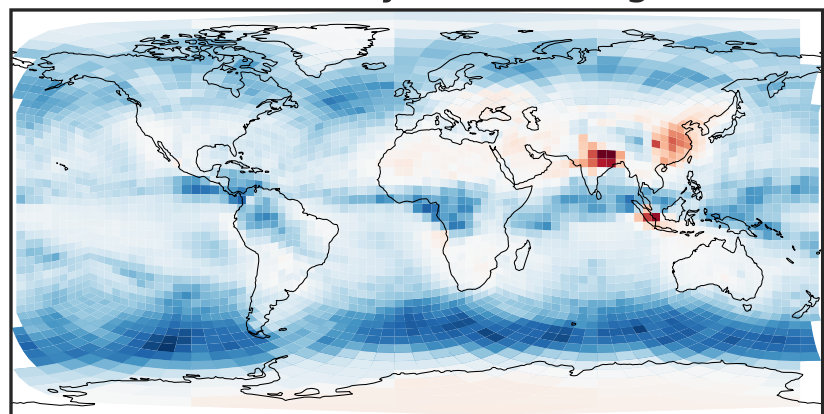
-4 0 4
s-1 $1e-7$

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



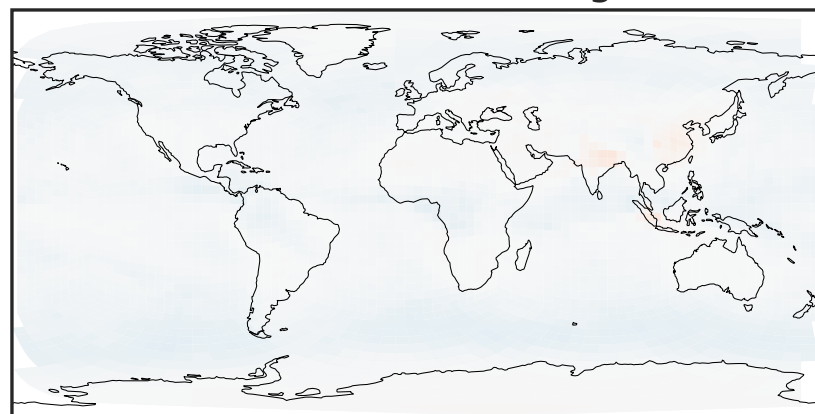
-2.5 0.0 2.5
s-1 $1e-7$

Ratio
Dev/Ref, Dynamic Range



0.9293 0.9646 1.0000 1.0380 1.0761
unitless

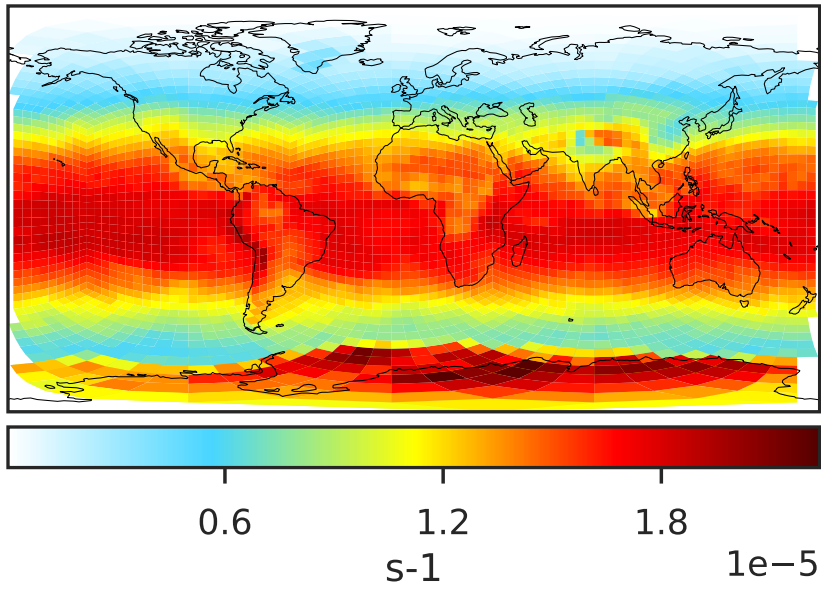
Ratio
Dev/Ref, Fixed Range



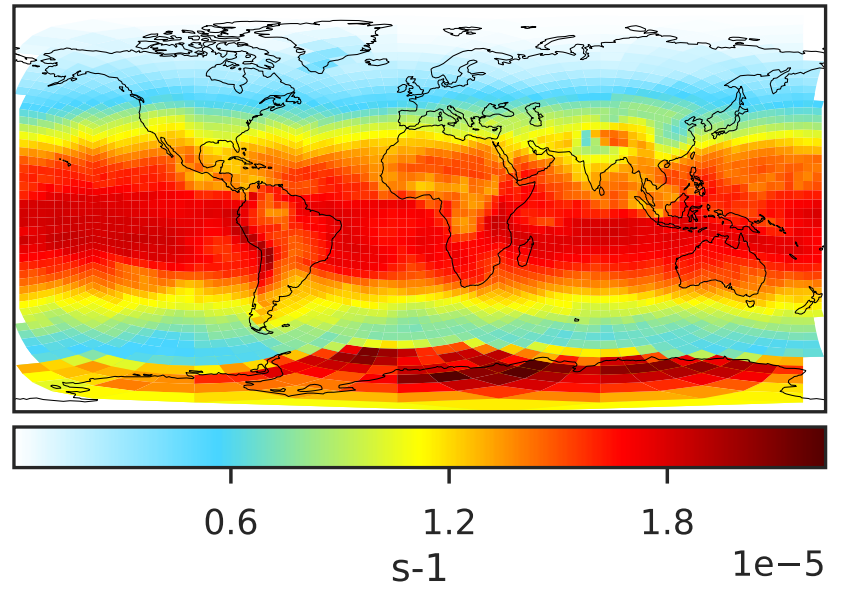
0.50 0.75 1.00 1.50 2.00
unitless

Jval_MVKPC (Oct2019)

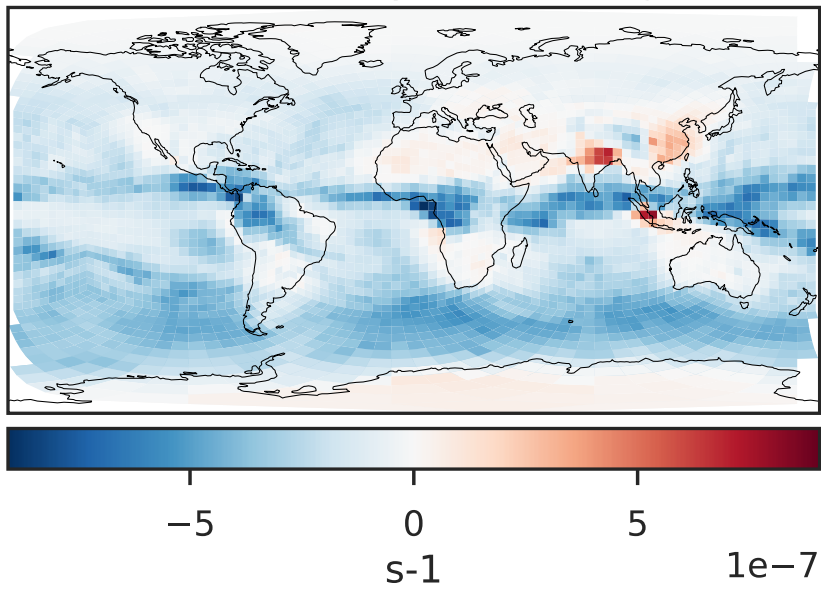
14.2.0-rc.2 (Ref)
c24



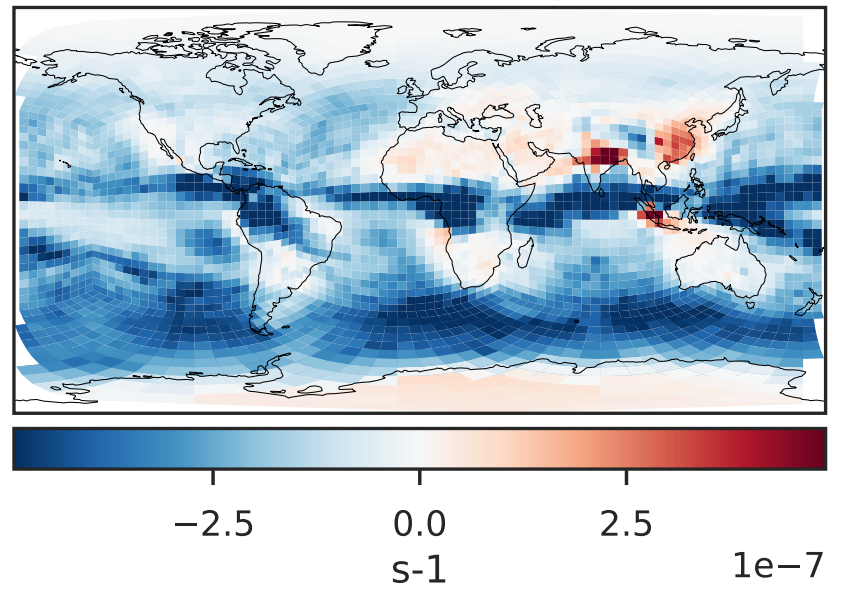
14.3.0-rc.0 (Dev)
c24



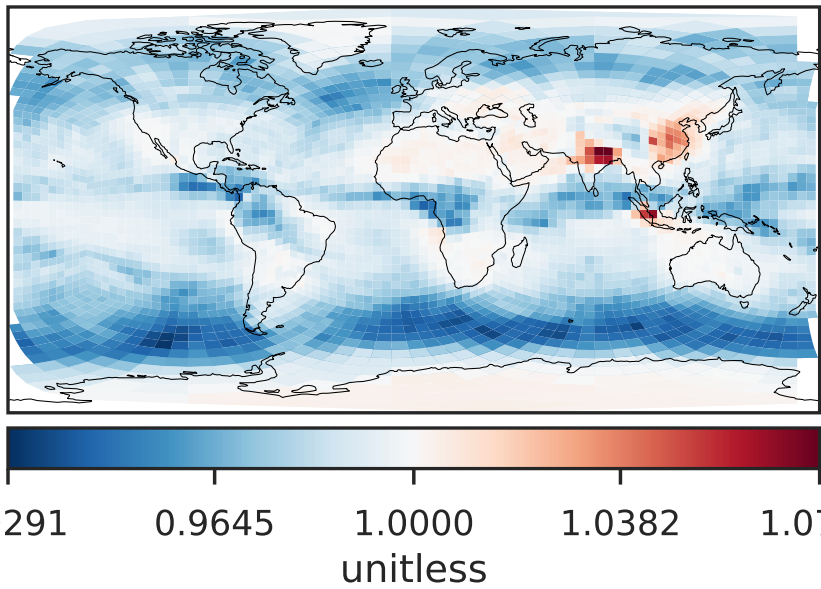
Difference
Dev - Ref, Dynamic Range



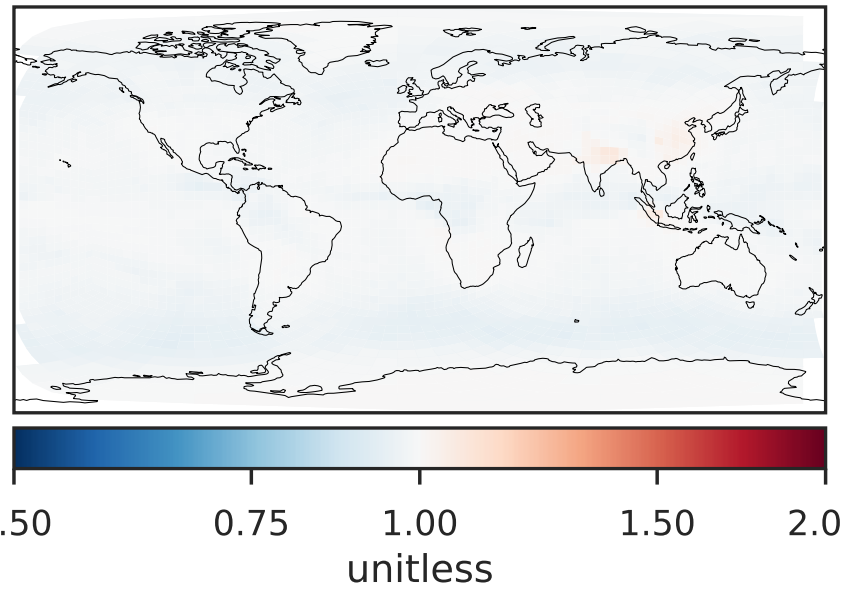
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

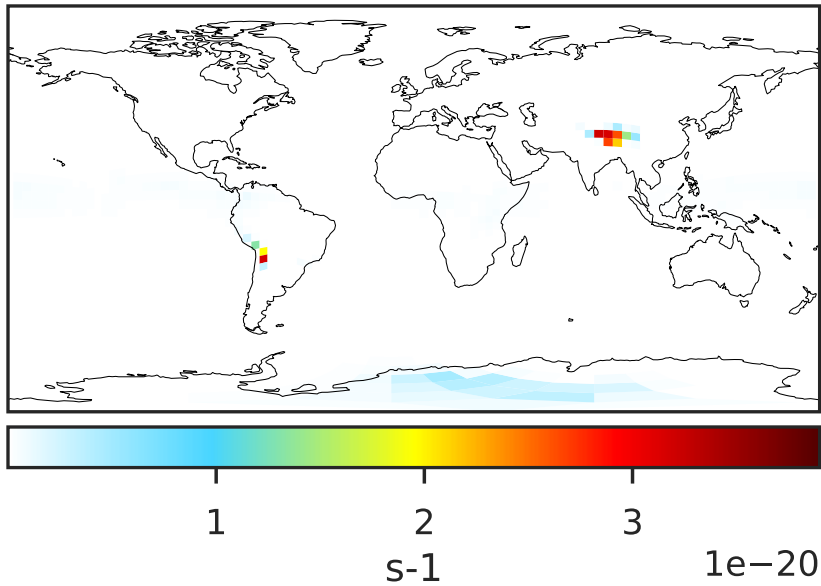


Ratio
Dev/Ref, Fixed Range

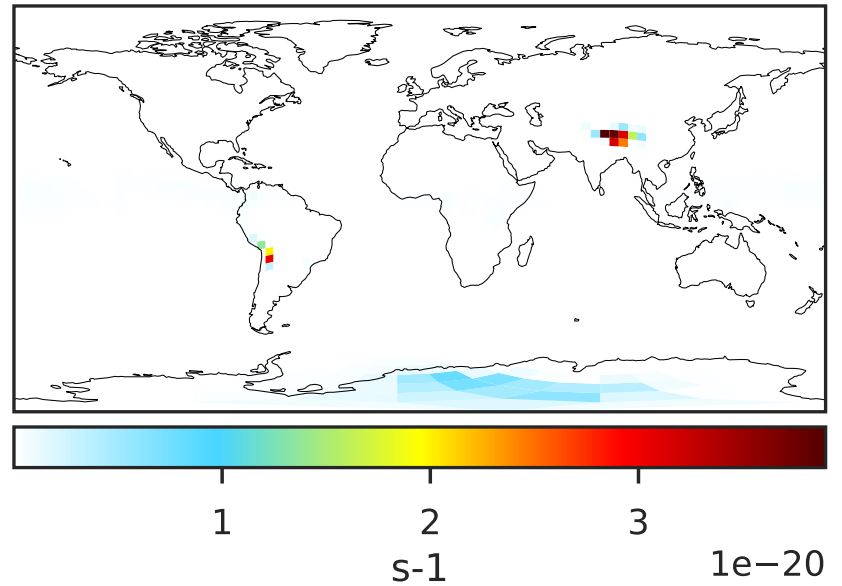


Jval_N2O (Oct2019)

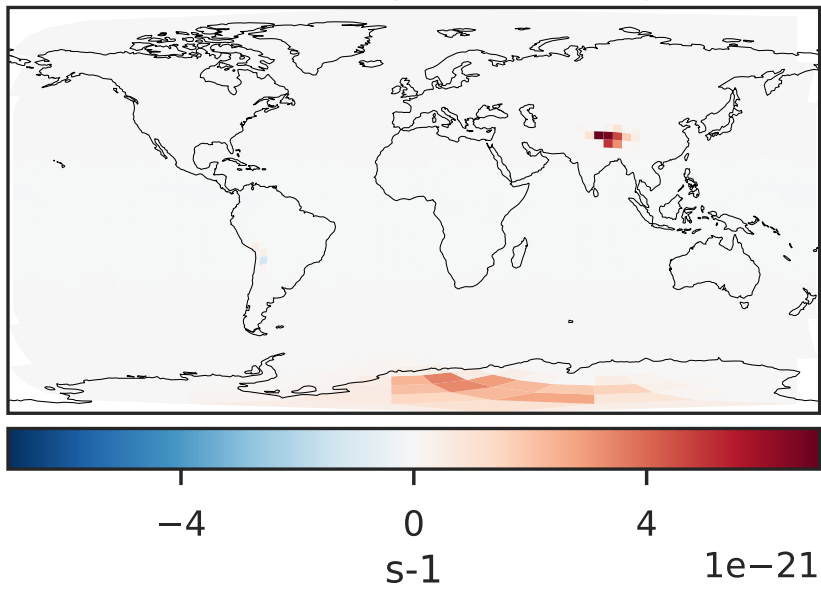
14.2.0-rc.2 (Ref)
c24



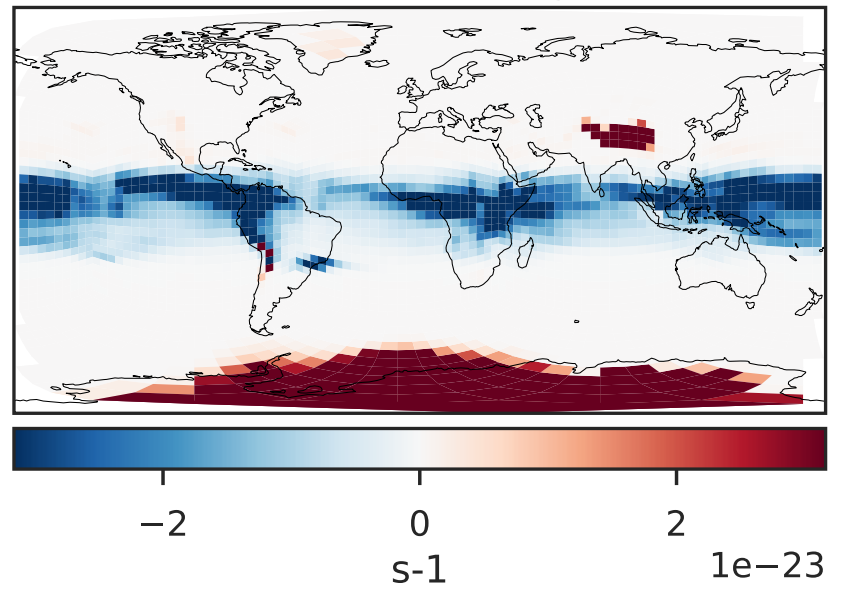
14.3.0-rc.0 (Dev)
c24



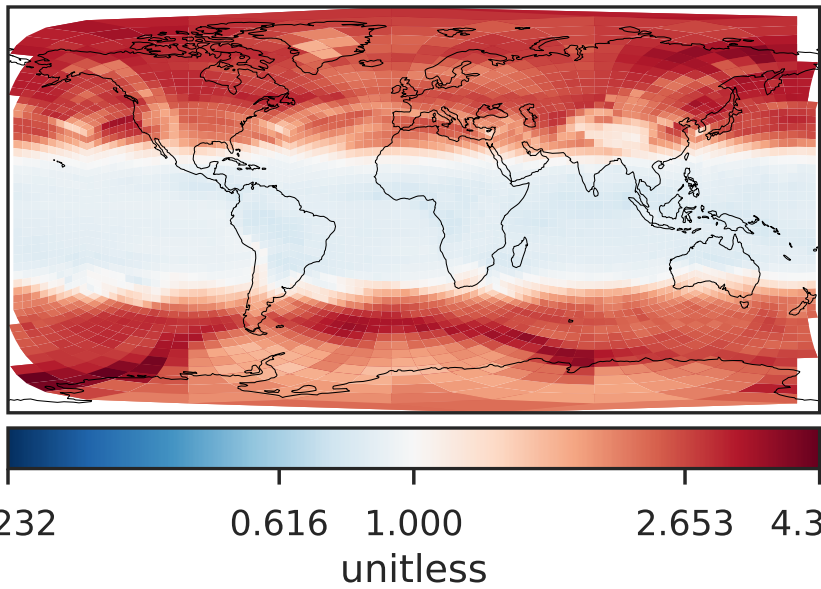
Difference
Dev - Ref, Dynamic Range



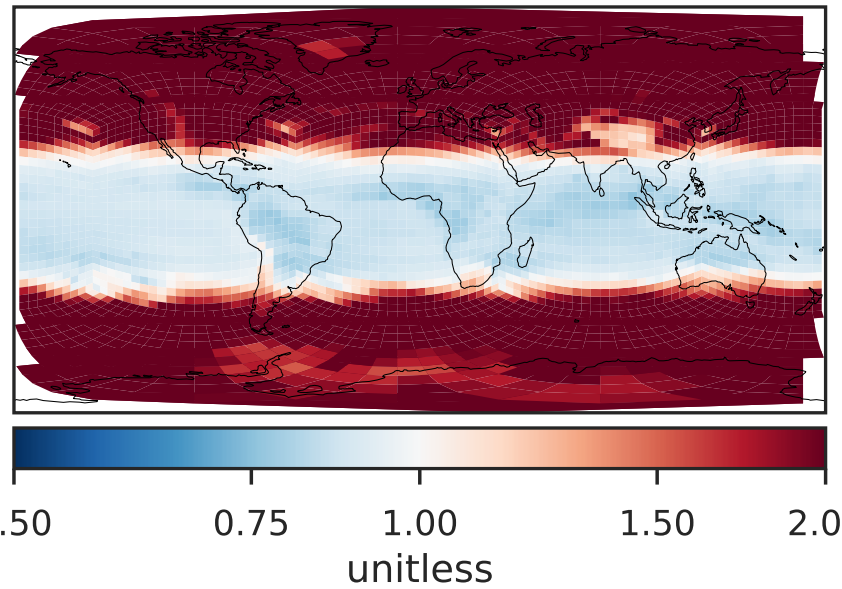
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

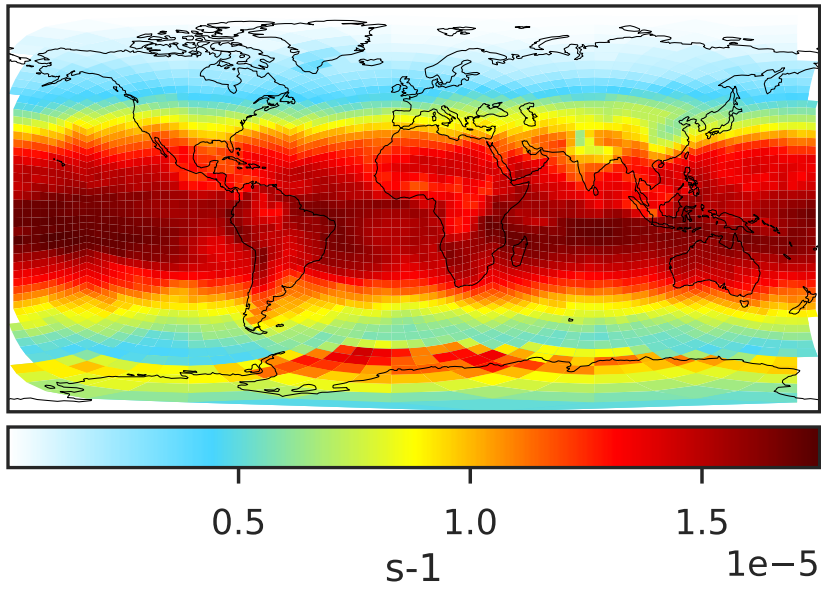


Ratio
Dev/Ref, Fixed Range

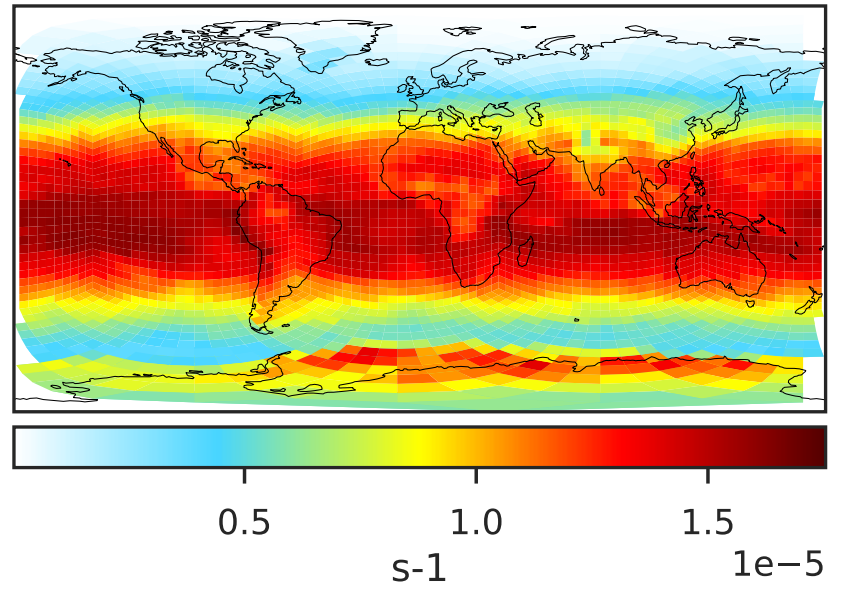


Jval_N205 (Oct2019)

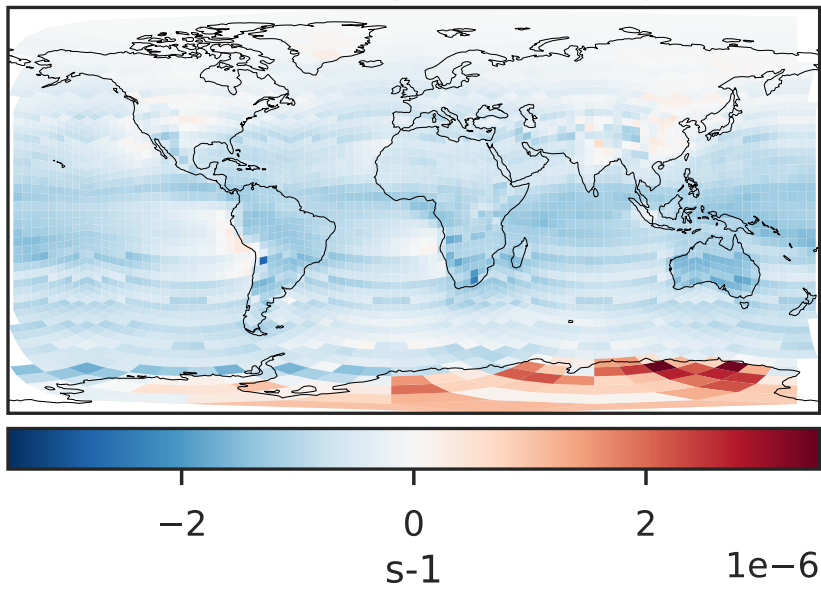
14.2.0-rc.2 (Ref)
c24



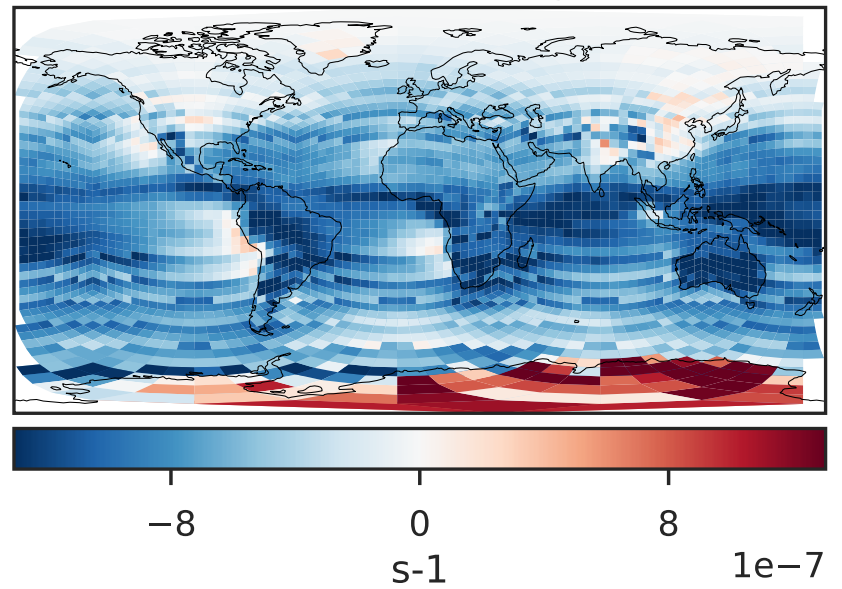
14.3.0-rc.0 (Dev)
c24



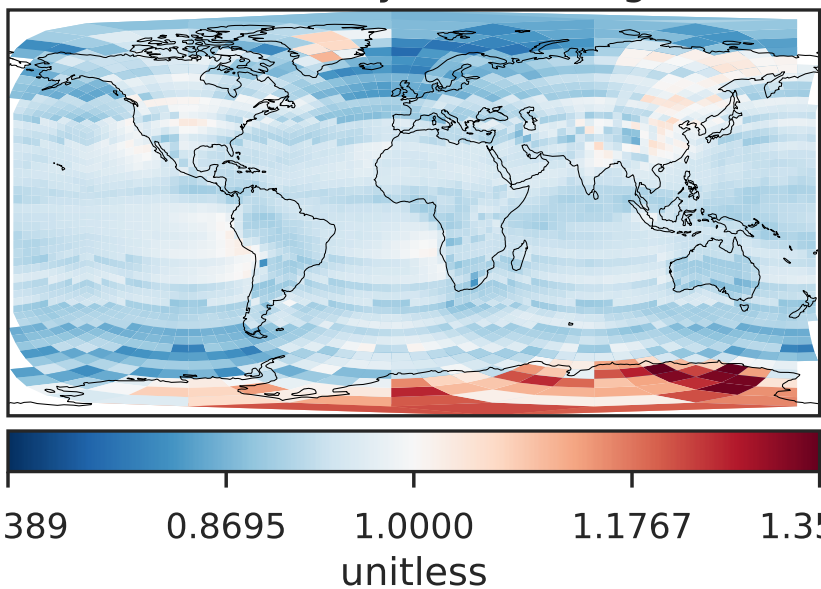
Difference
Dev - Ref, Dynamic Range



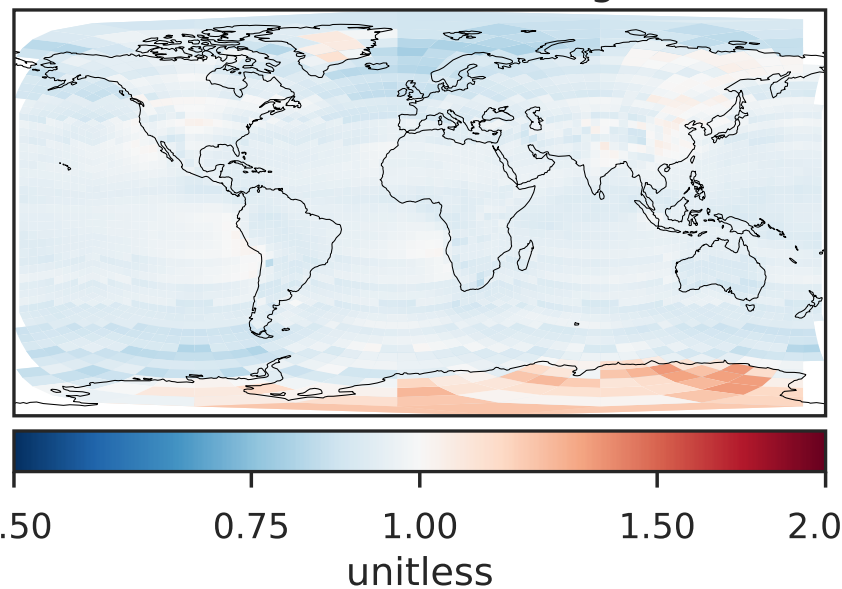
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

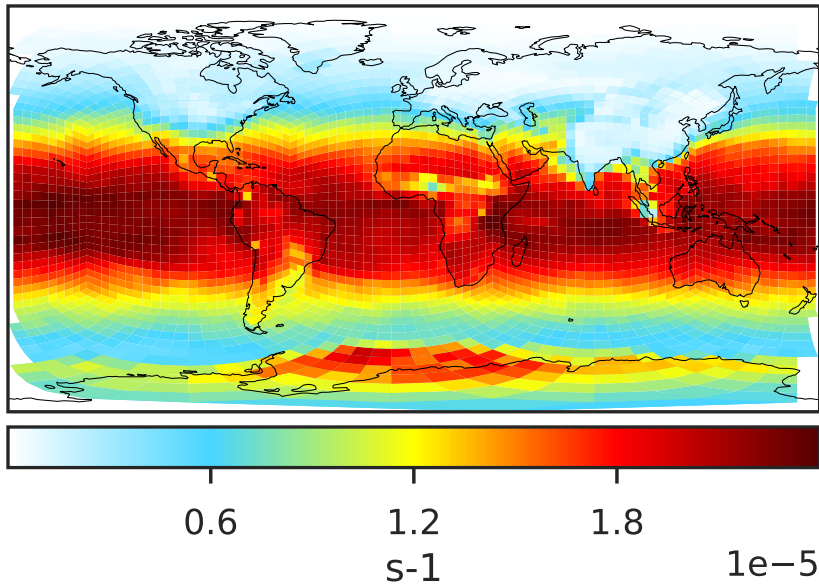


Ratio
Dev/Ref, Fixed Range

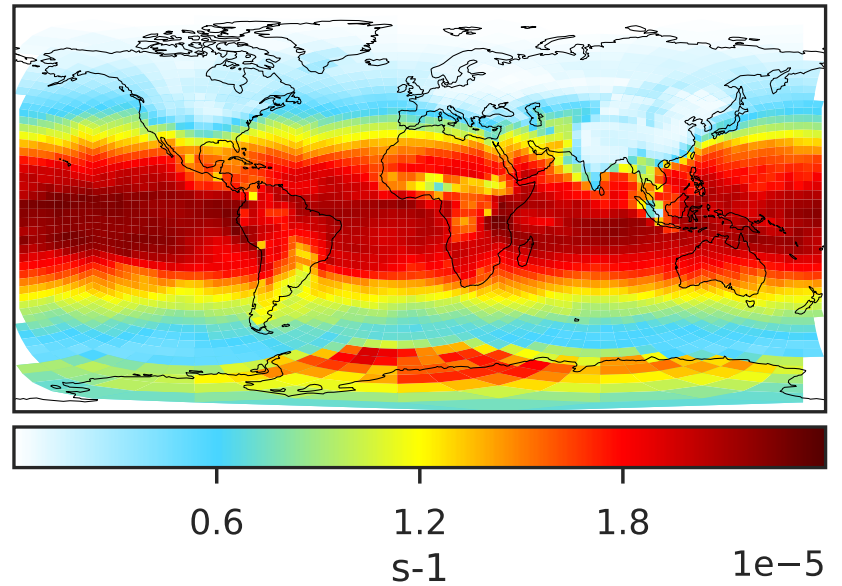


Jval_NIT (Oct2019)

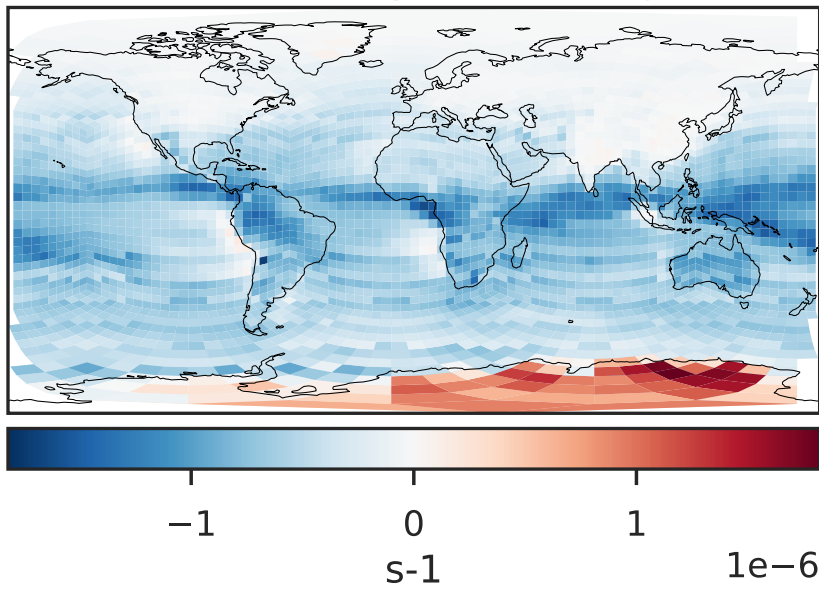
14.2.0-rc.2 (Ref)
c24



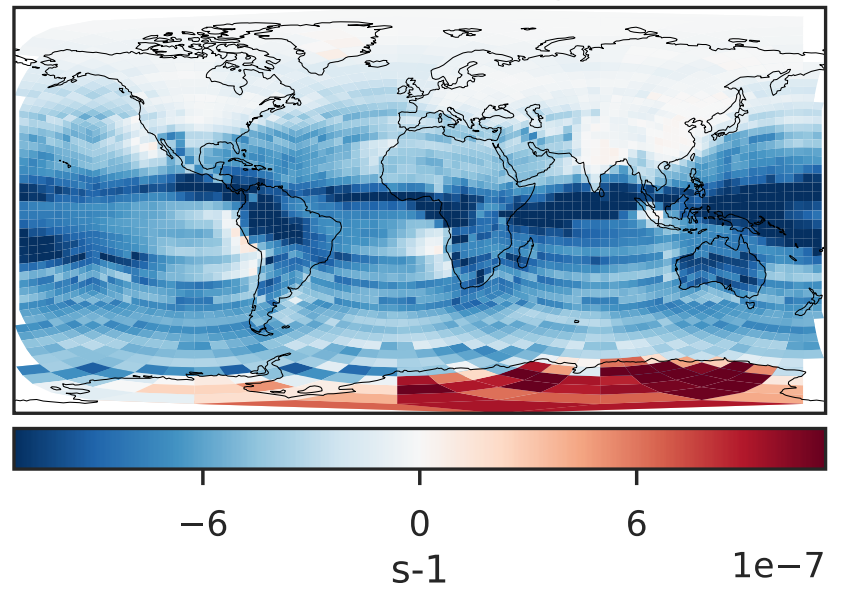
14.3.0-rc.0 (Dev)
c24



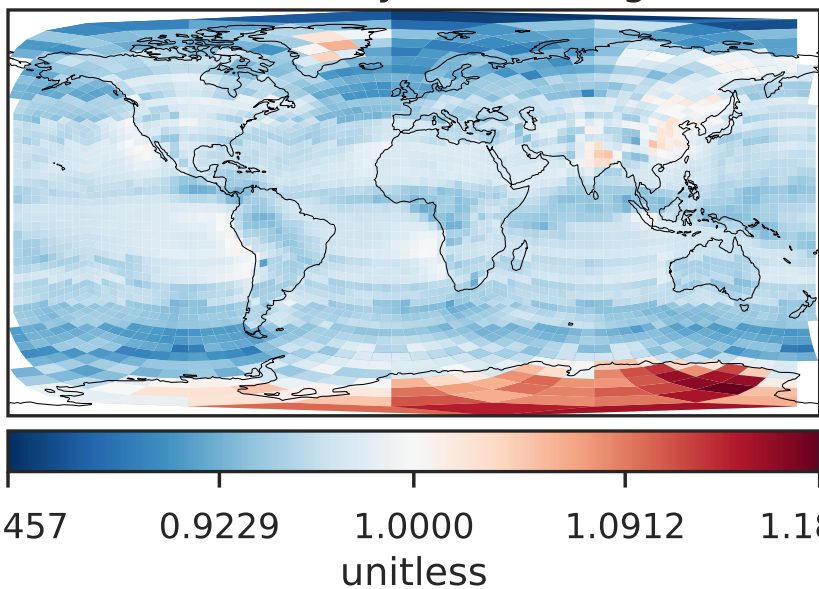
Difference
Dev - Ref, Dynamic Range



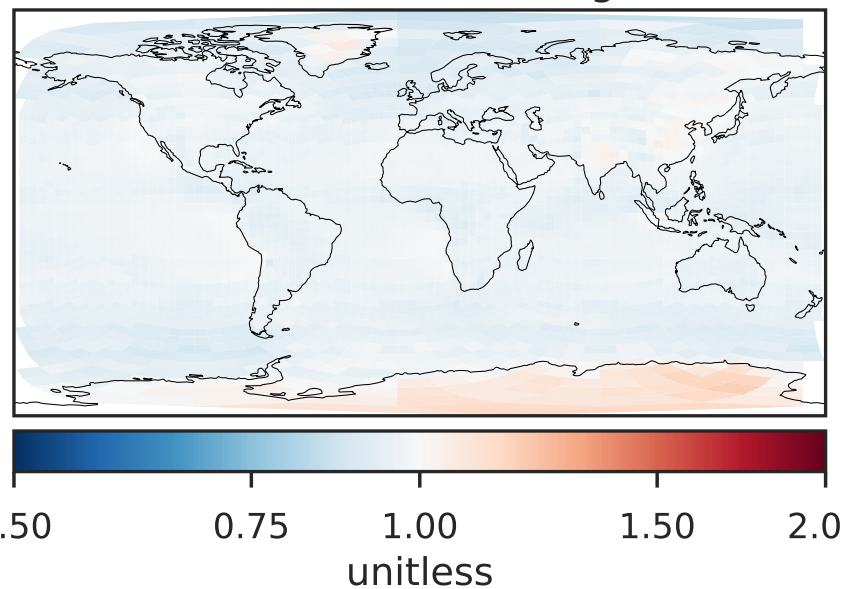
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

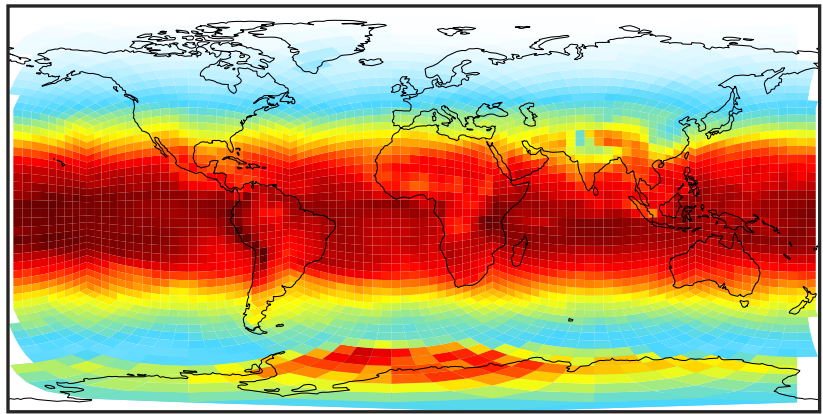


Ratio
Dev/Ref, Fixed Range



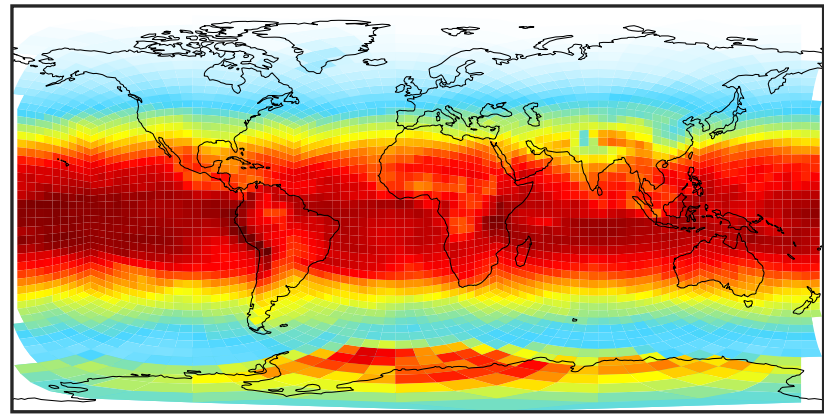
Jval_NITs (Oct2019)

14.2.0-rc.2 (Ref)
c24



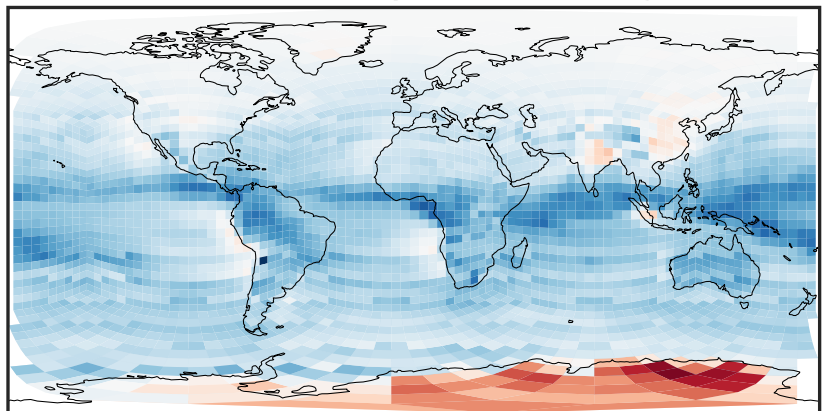
0.8 1.6 2.4
s-1 1e-5

14.3.0-rc.0 (Dev)
c24



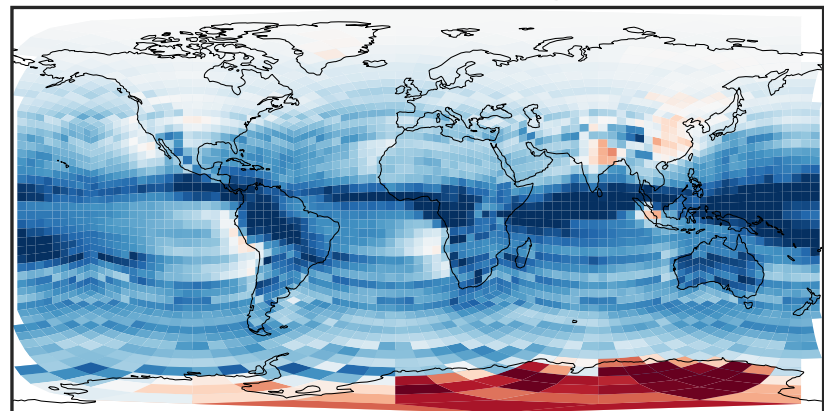
0.8 1.6 2.4
s-1 1e-5

Difference
Dev - Ref, Dynamic Range



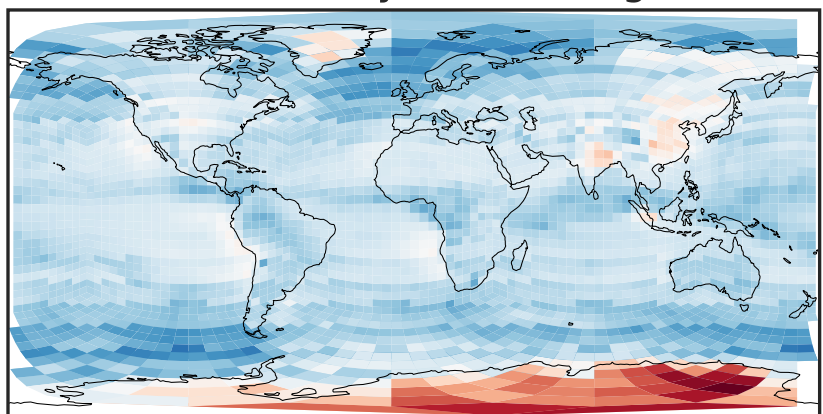
-1 0 1
s-1 1e-6

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



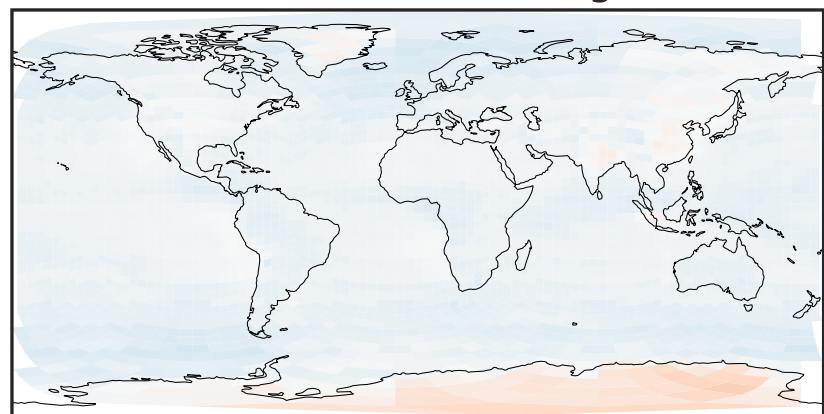
-6 0 6
s-1 1e-7

Ratio
Dev/Ref, Dynamic Range



0.8466 0.9233 1.0000 1.0906 1.1812
unitless

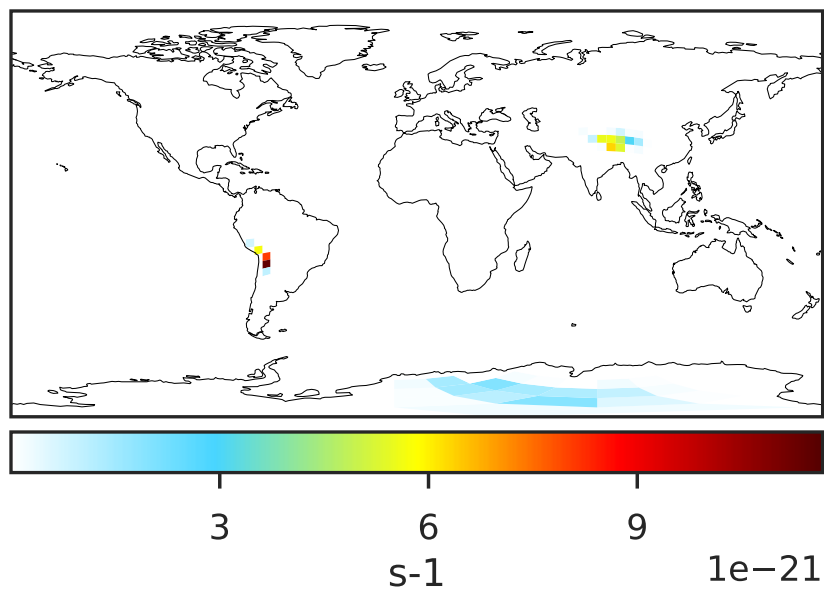
Ratio
Dev/Ref, Fixed Range



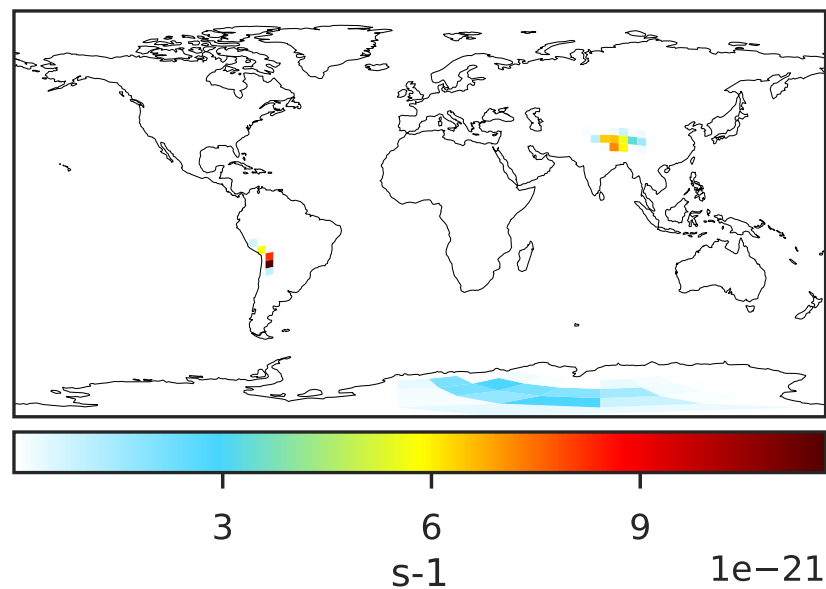
0.50 0.75 1.00 1.50 2.00
unitless

Jval_NO (Oct2019)

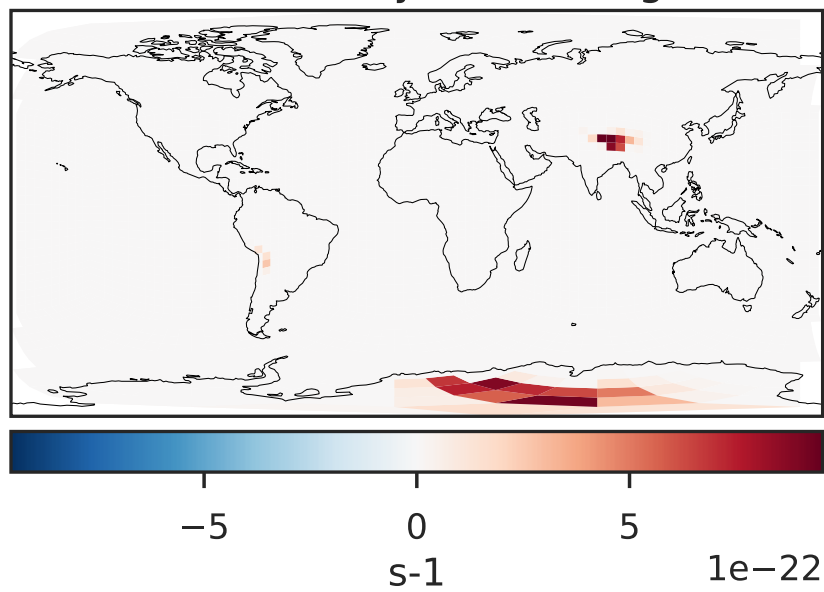
14.2.0-rc.2 (Ref)
c24



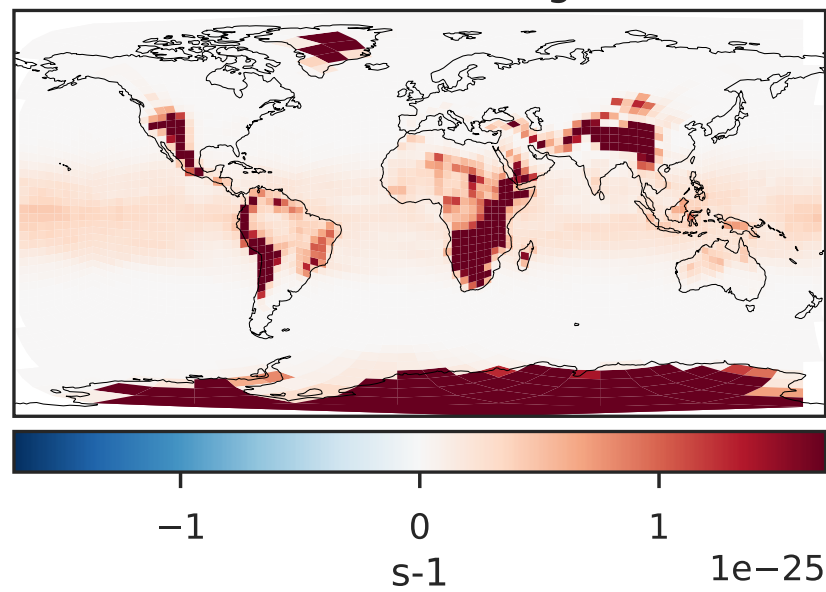
14.3.0-rc.0 (Dev)
c24



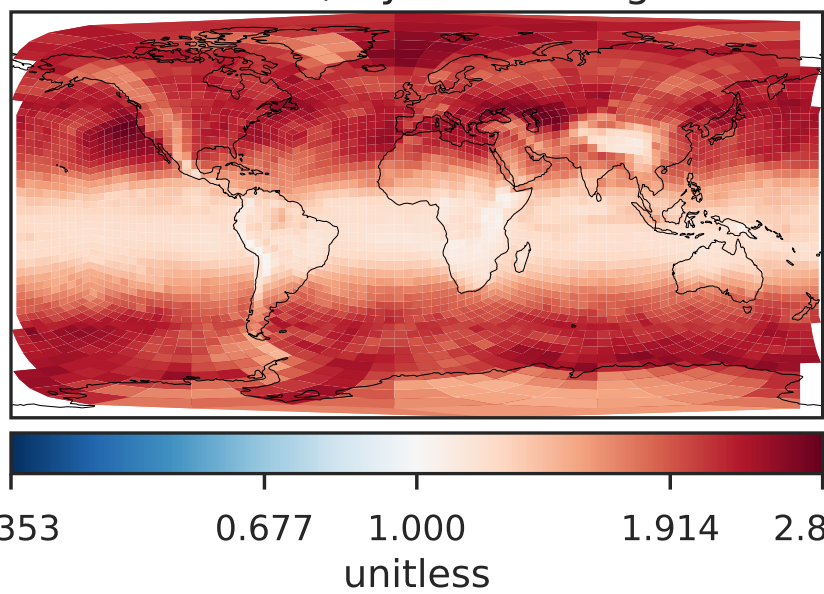
Difference
Dev - Ref, Dynamic Range



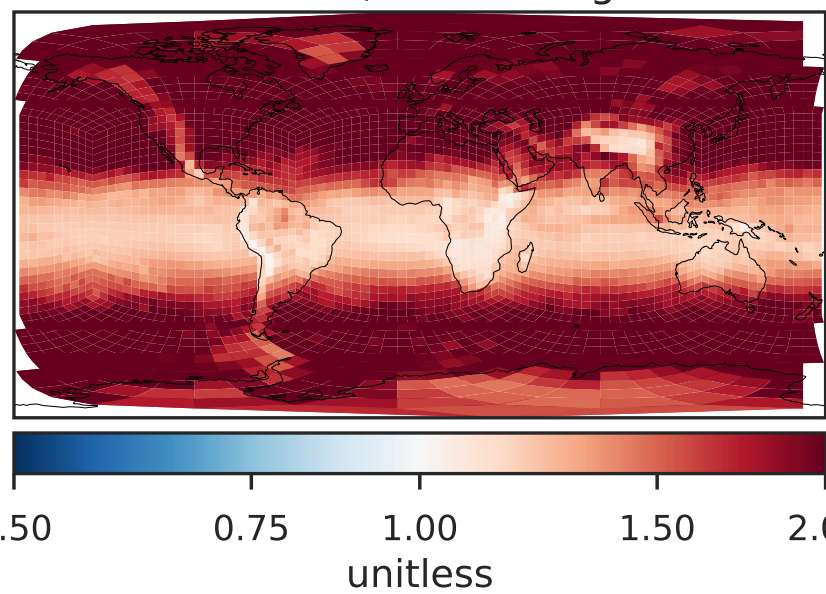
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

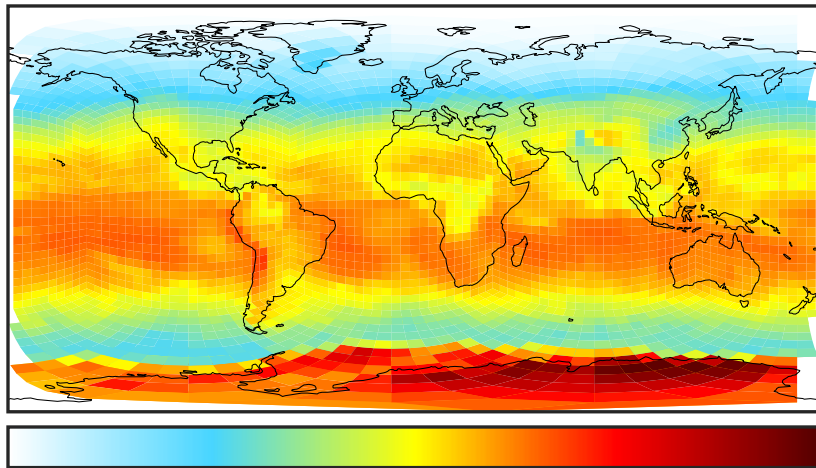


Ratio
Dev/Ref, Fixed Range



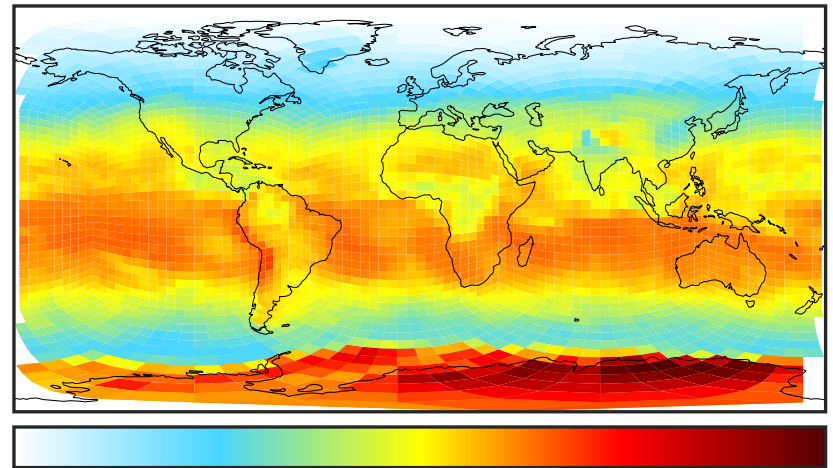
Jval_NO2 (Oct2019)

14.2.0-rc.2 (Ref)
c24



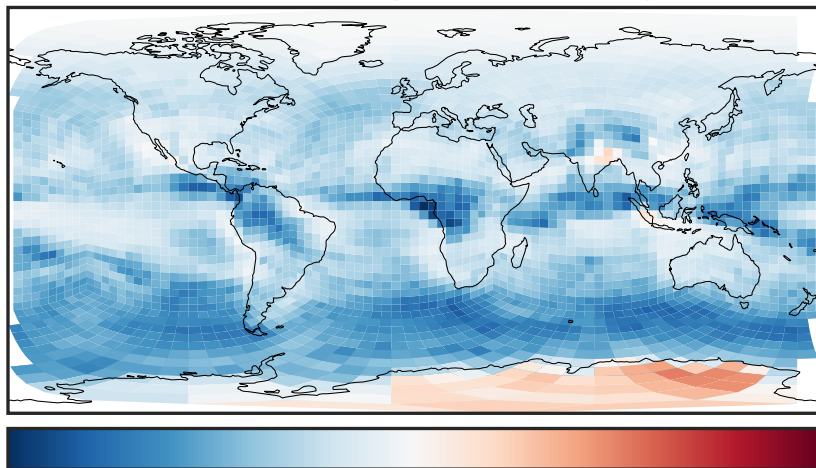
0.0015 0.0030 0.0045
s-1

14.3.0-rc.0 (Dev)
c24



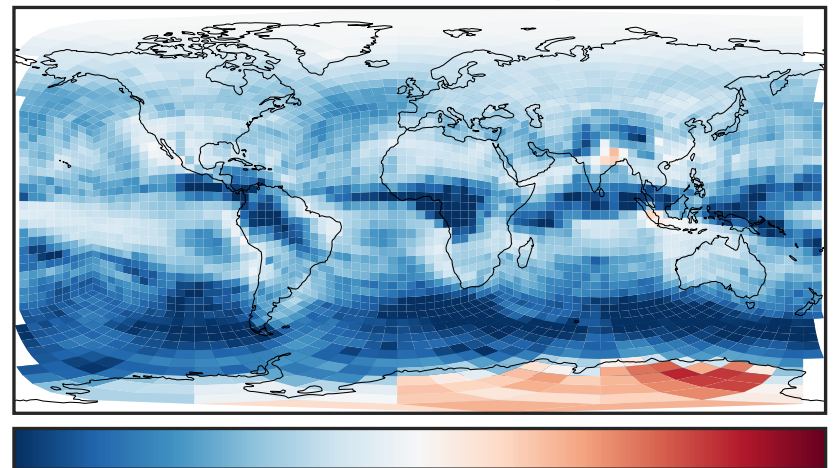
0.0015 0.0030 0.0045
s-1

Difference
Dev - Ref, Dynamic Range



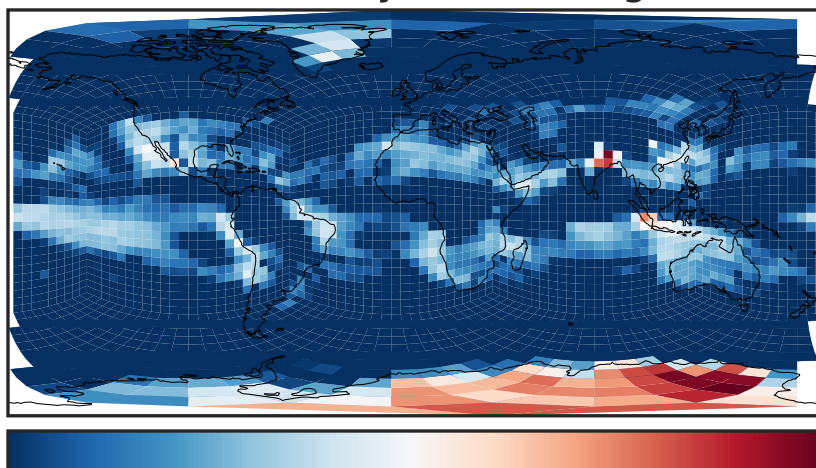
-0.0001 0.0000 0.0001
s-1

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



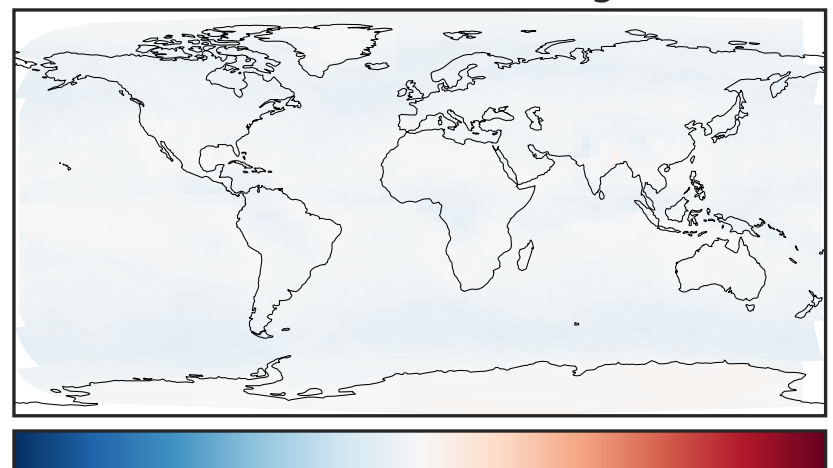
-8 0 8
s-1 1e-5

Ratio
Dev/Ref, Dynamic Range



0.98139 0.99070 1.00000 1.00948 1.01896
unitless

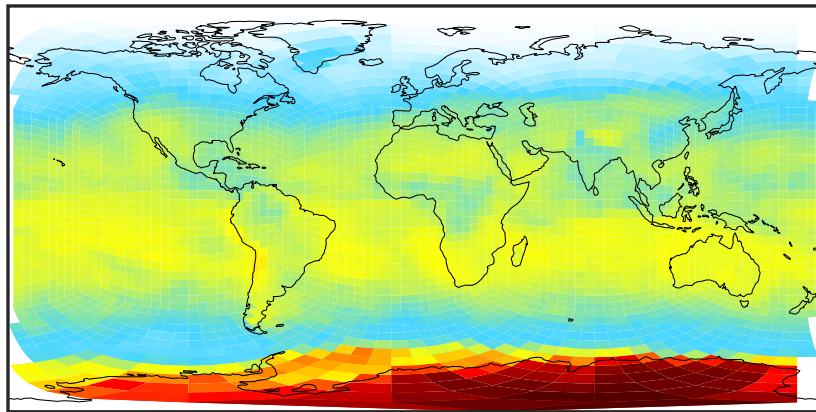
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

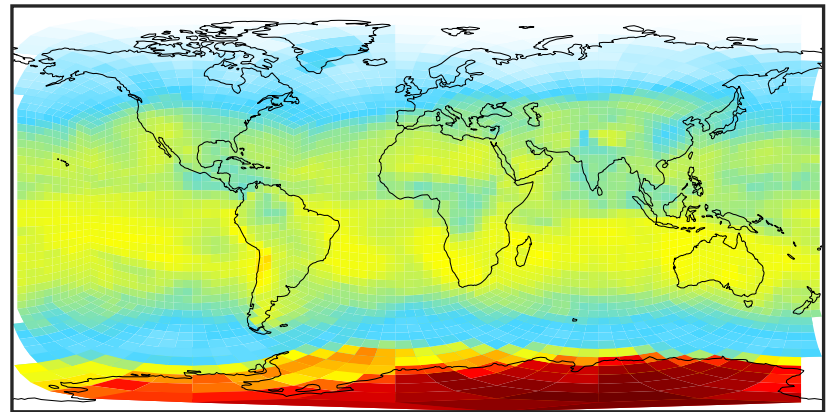
Jval_NO3 (Oct2019)

14.2.0-rc.2 (Ref)
c24



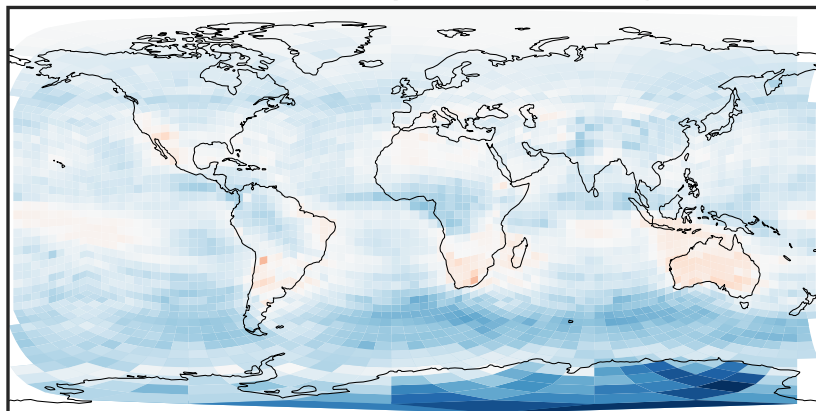
0.0002 0.0472 0.0942 0.1412 0.1882
s-1

14.3.0-rc.0 (Dev)
c24



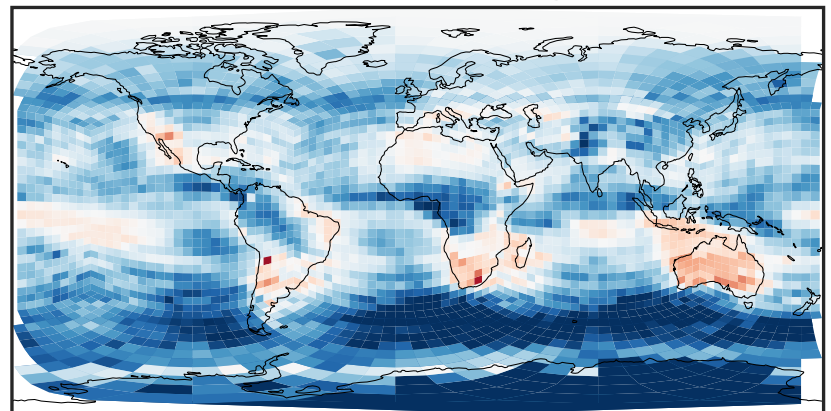
0.0002 0.0472 0.0942 0.1412 0.1882
s-1

Difference
Dev - Ref, Dynamic Range



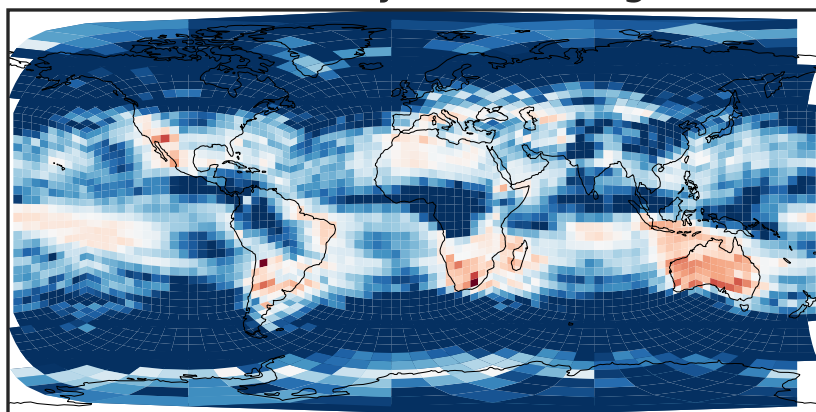
-0.006 0.000 0.006
s-1

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



-0.0025 0.0000 0.0025
s-1

Ratio
Dev/Ref, Dynamic Range



0.96446 0.98223 1.00000 1.01842 1.03685
unitless

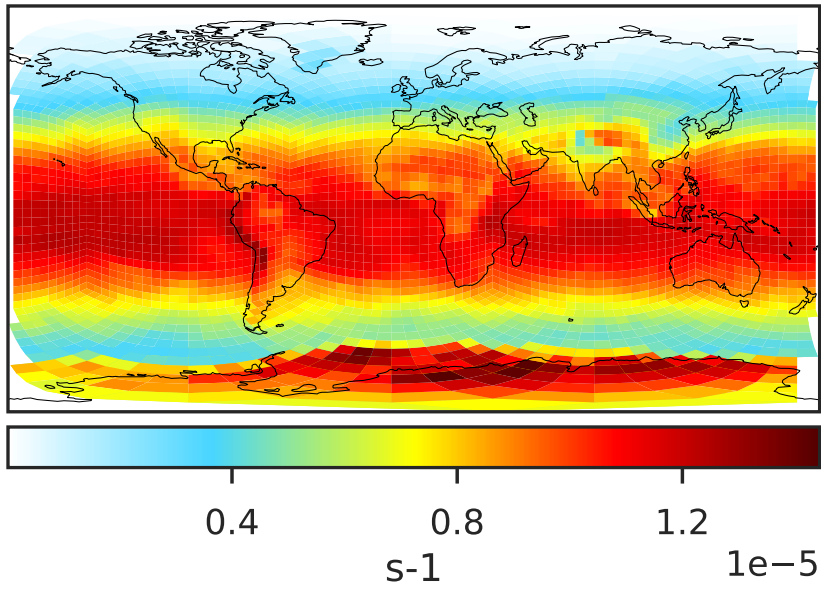
Ratio
Dev/Ref, Fixed Range



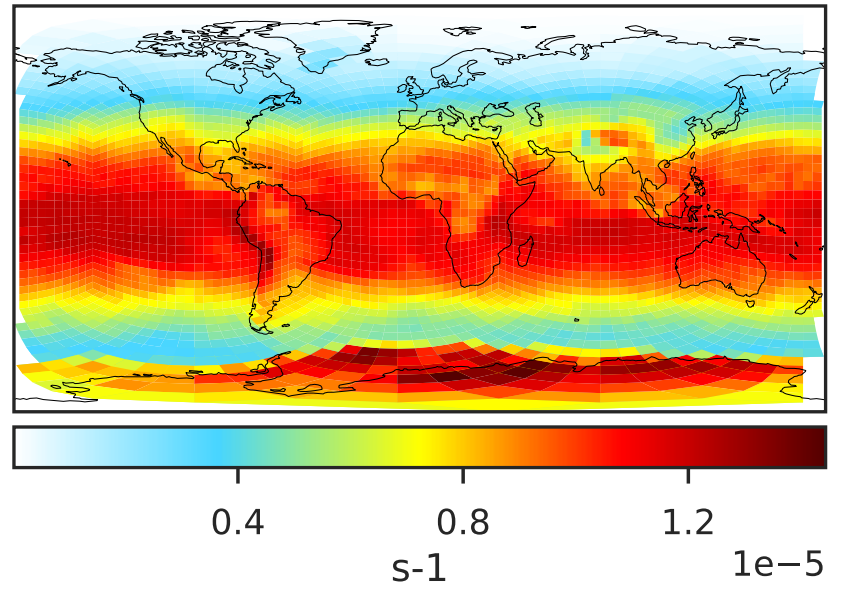
0.50 0.75 1.00 1.50 2.00
unitless

Jval_NPHEN (Oct2019)

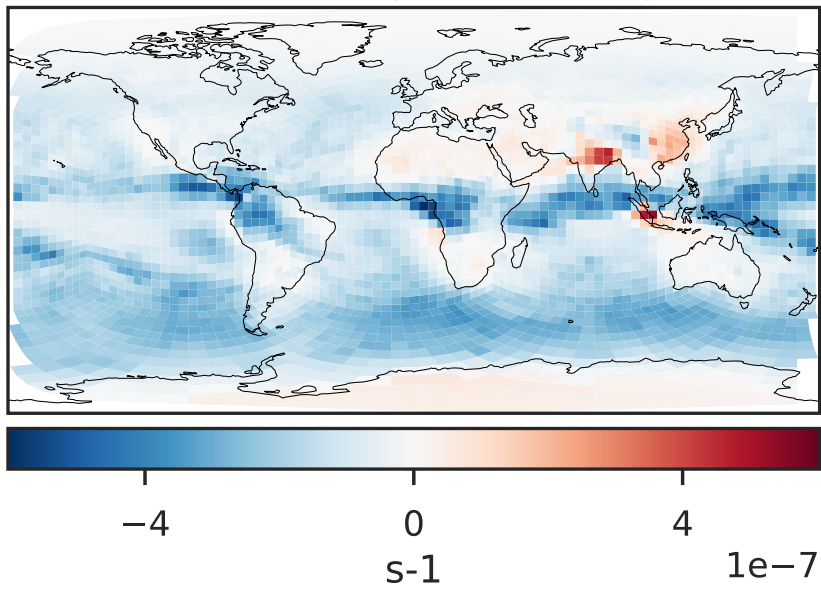
14.2.0-rc.2 (Ref)
c24



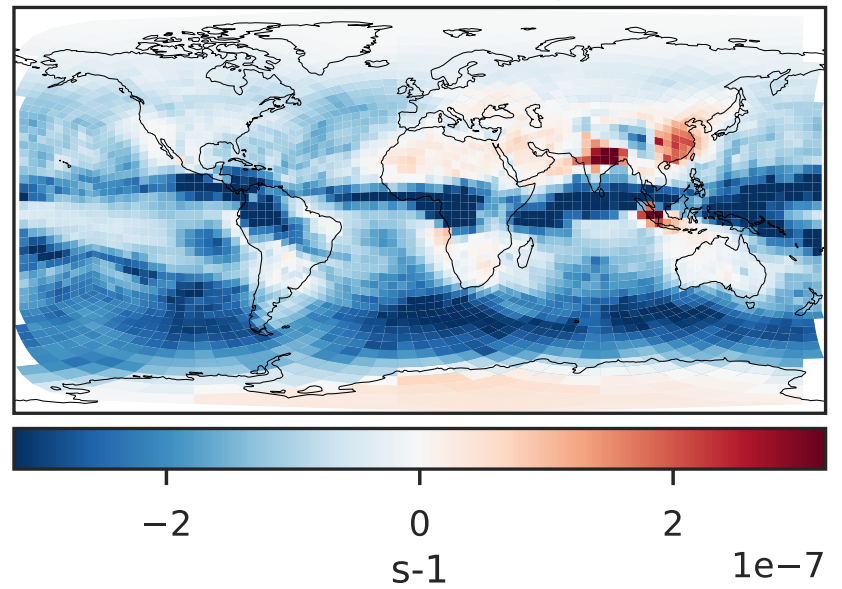
14.3.0-rc.0 (Dev)
c24



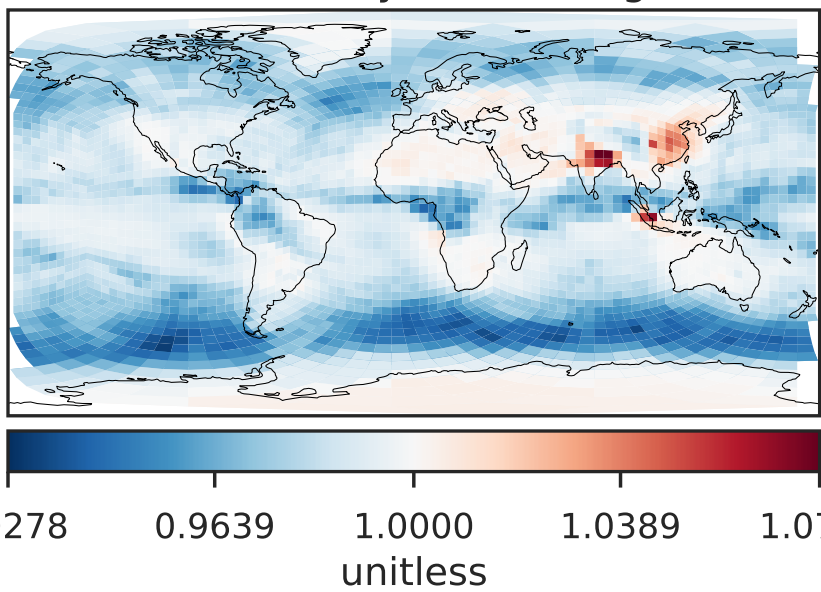
Difference
Dev - Ref, Dynamic Range



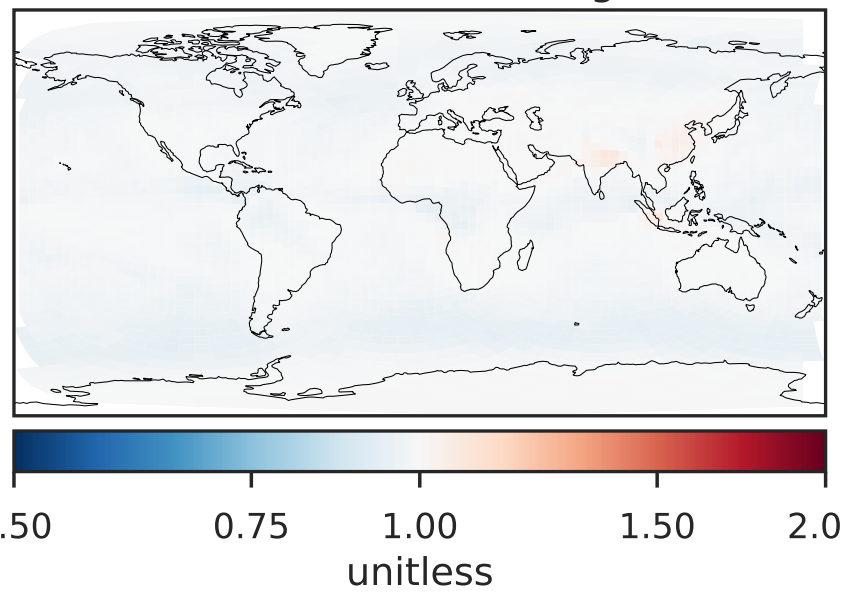
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

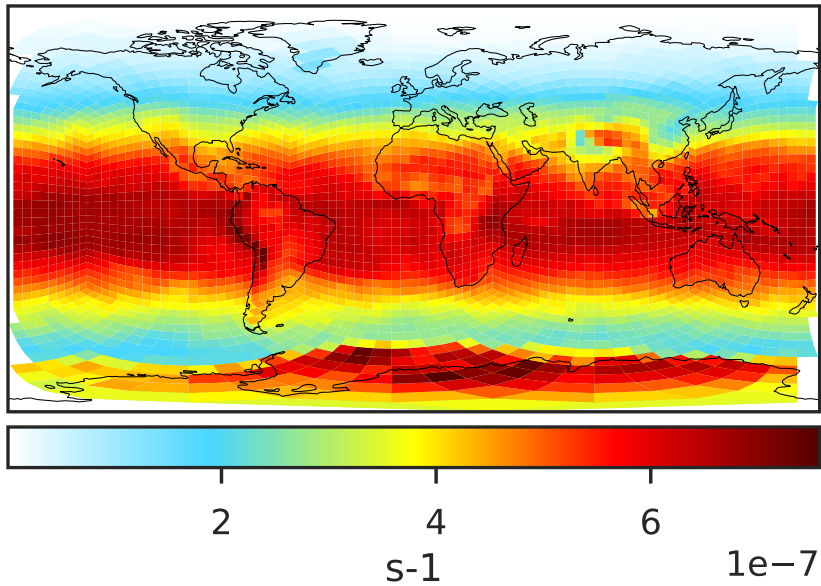


Ratio
Dev/Ref, Fixed Range

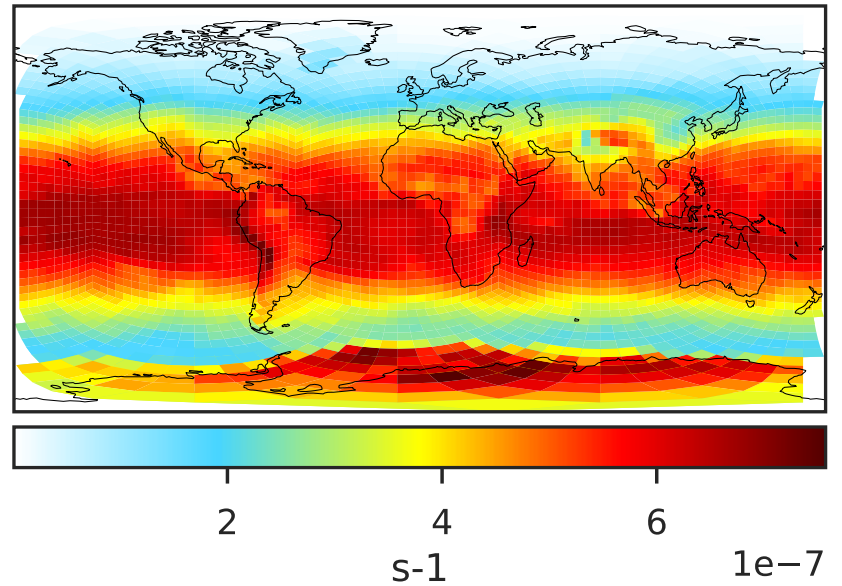


Jval_NPRNO3 (Oct2019)

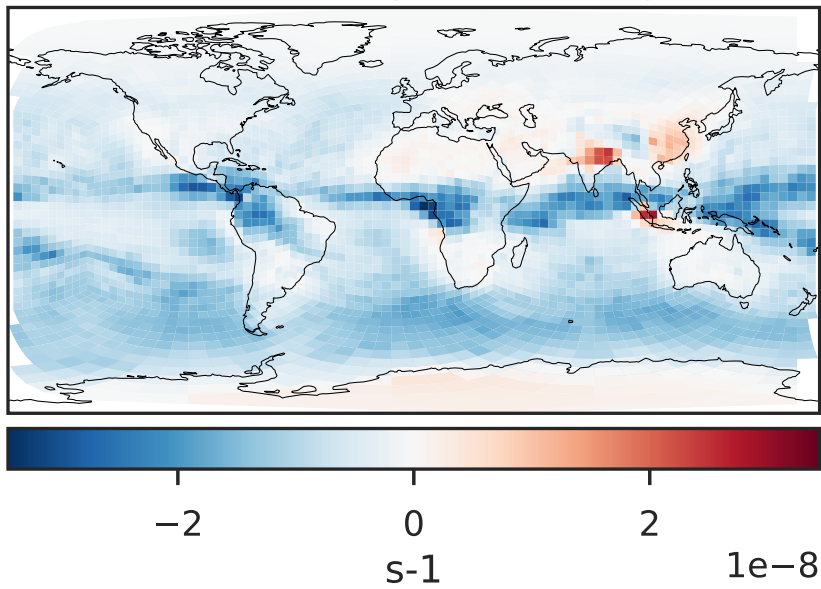
14.2.0-rc.2 (Ref)
c24



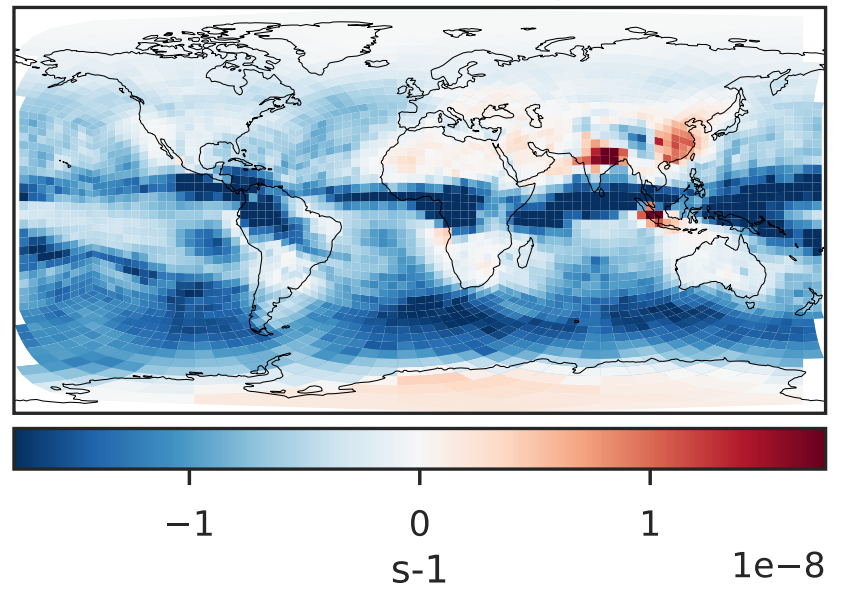
14.3.0-rc.0 (Dev)
c24



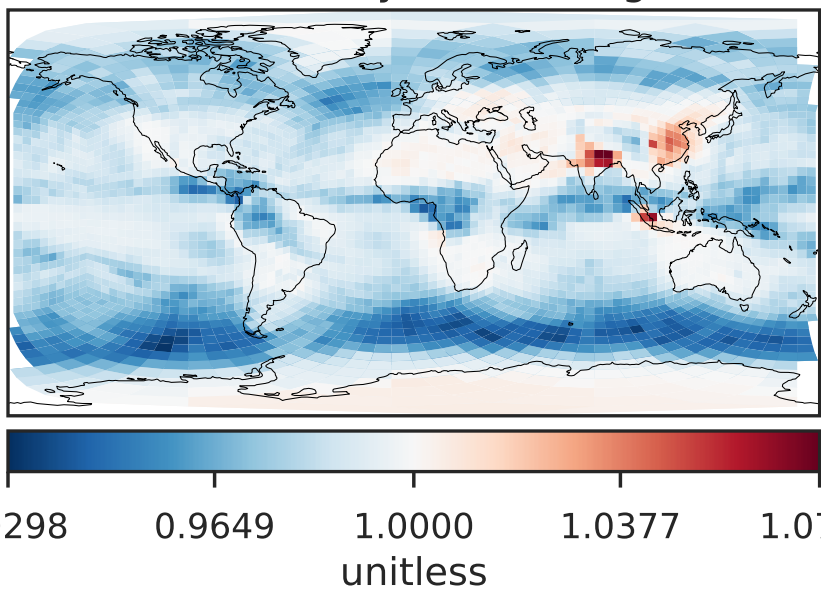
Difference
Dev - Ref, Dynamic Range



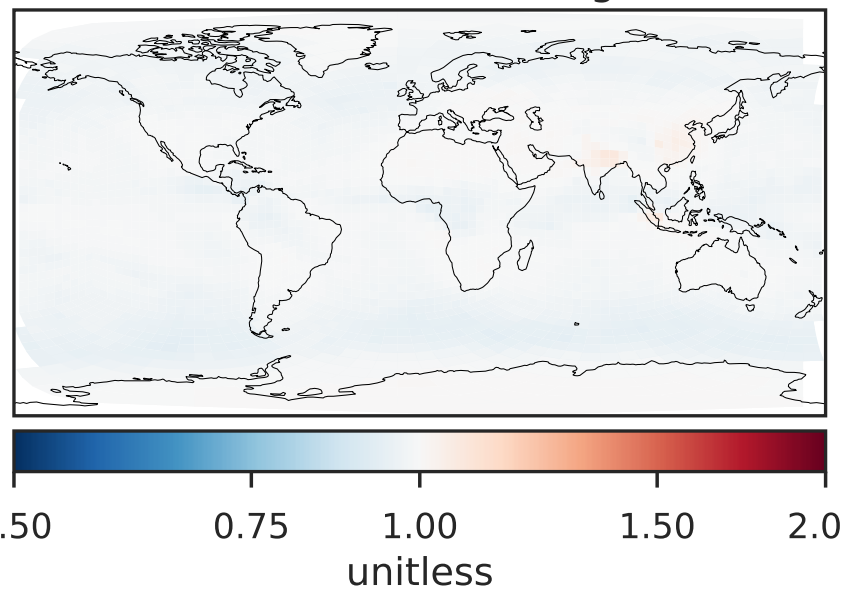
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

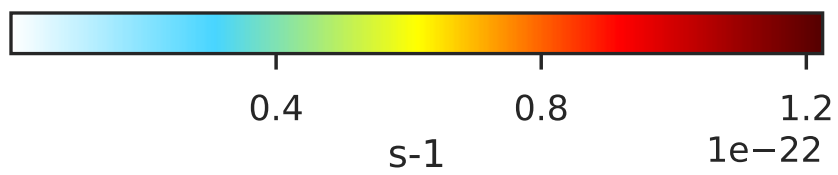
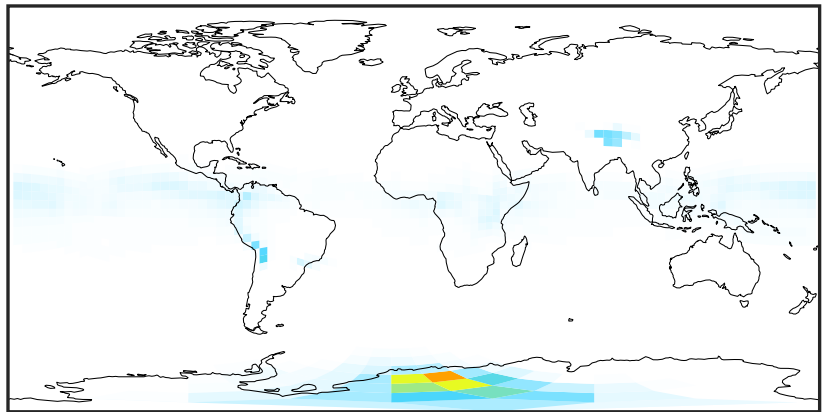


Ratio
Dev/Ref, Fixed Range

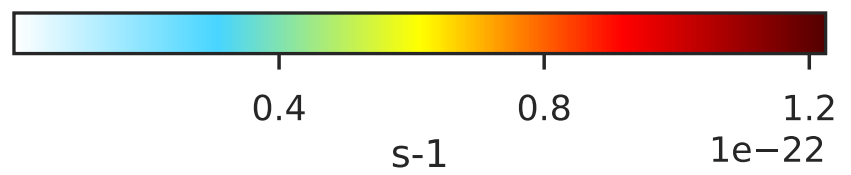
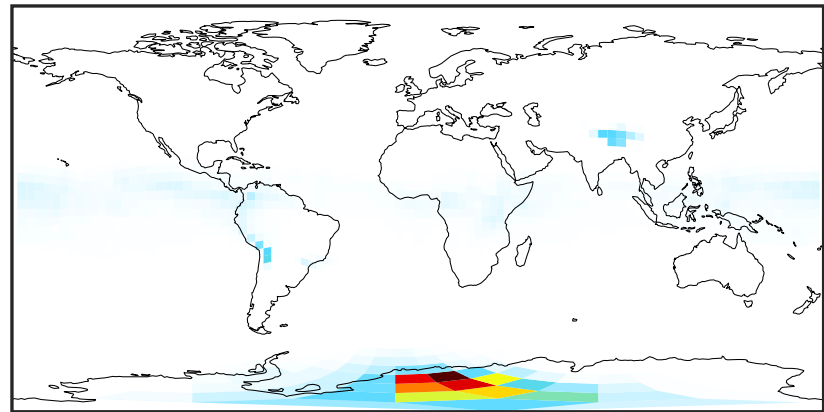


Jval_O2 (Oct2019)

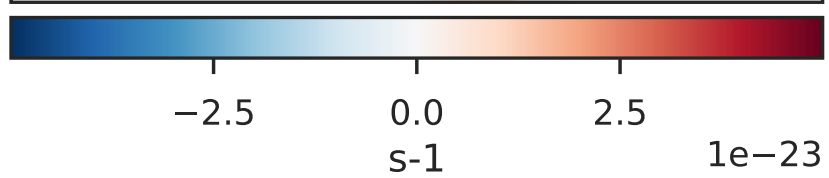
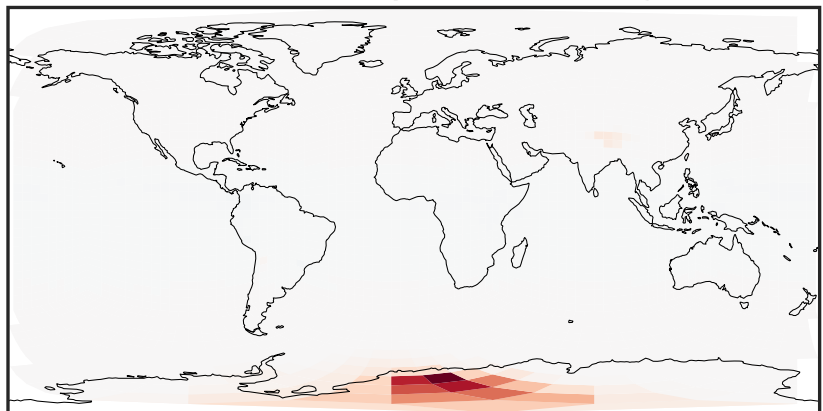
14.2.0-rc.2 (Ref)
c24



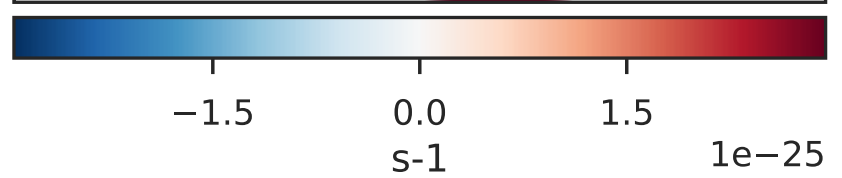
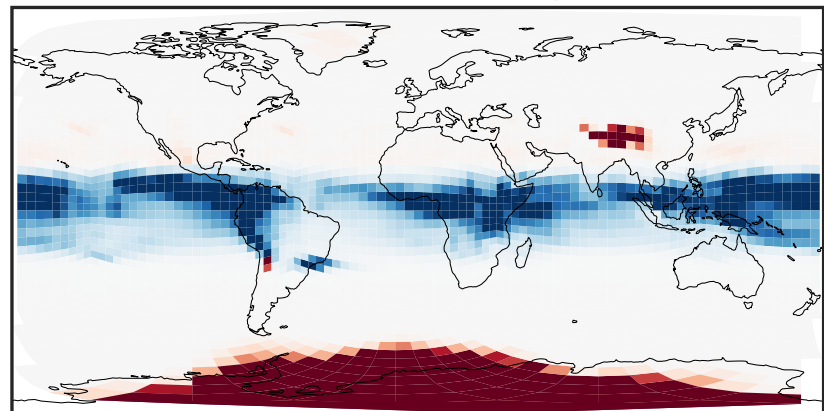
14.3.0-rc.0 (Dev)
c24



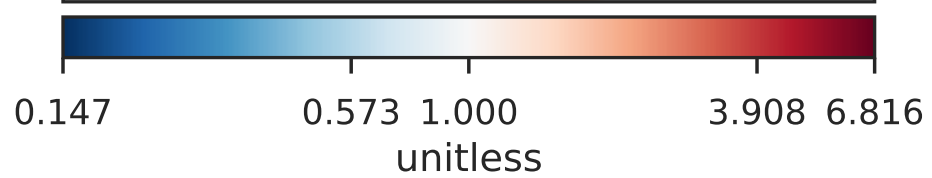
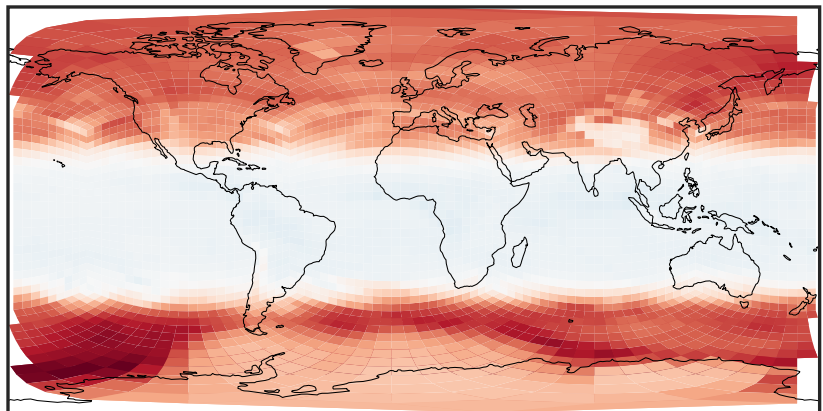
Difference
Dev - Ref, Dynamic Range



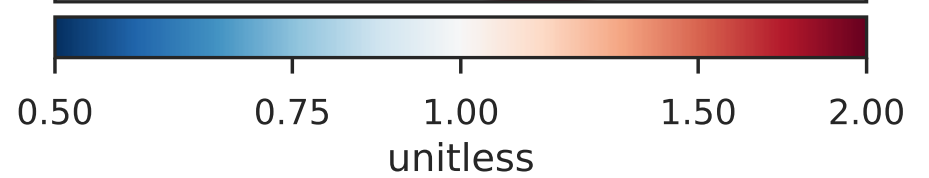
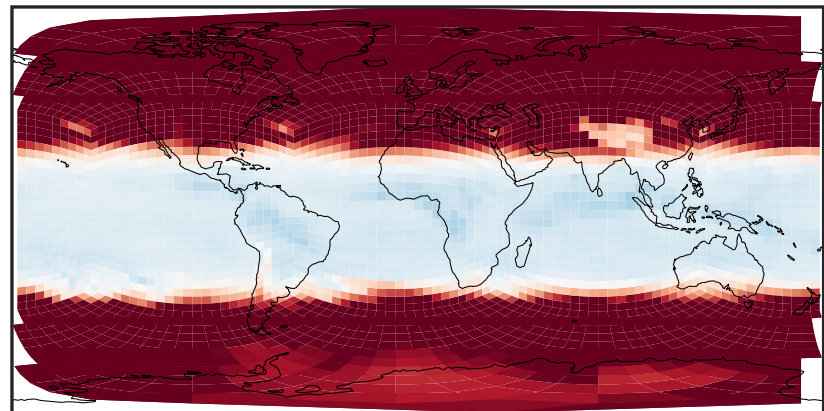
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

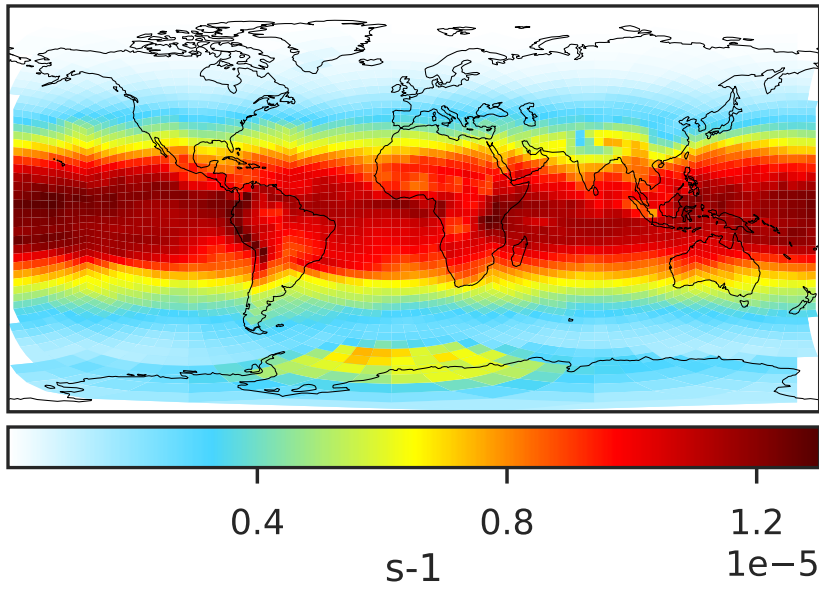


Ratio
Dev/Ref, Fixed Range

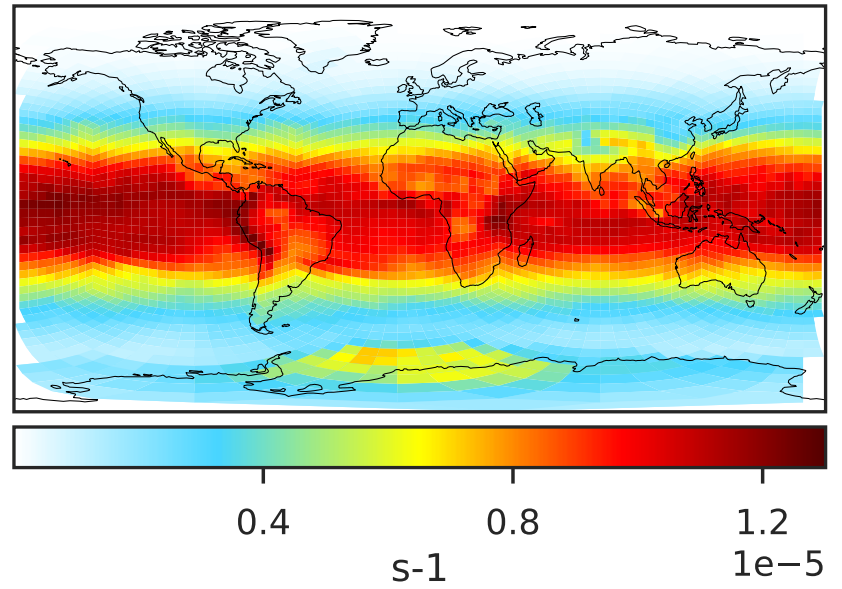


Jval_O3 (Oct2019)

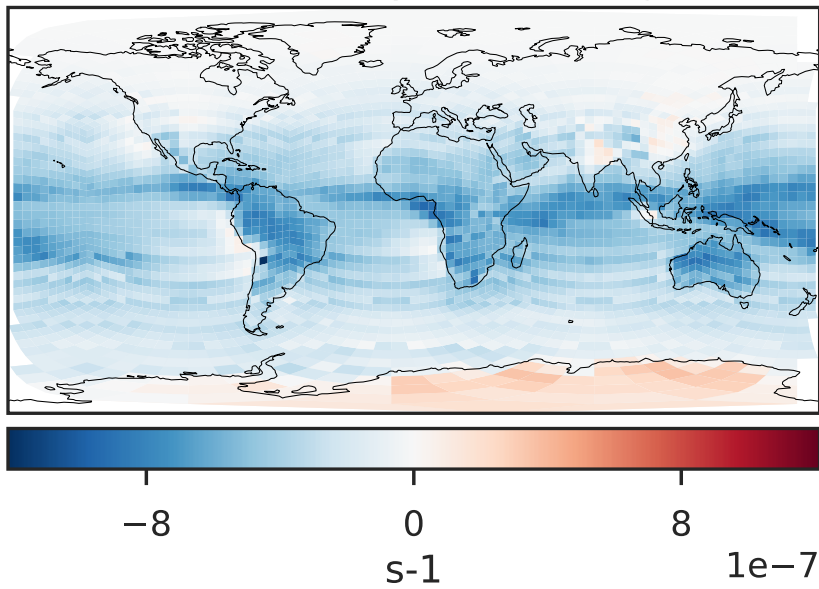
14.2.0-rc.2 (Ref)
c24



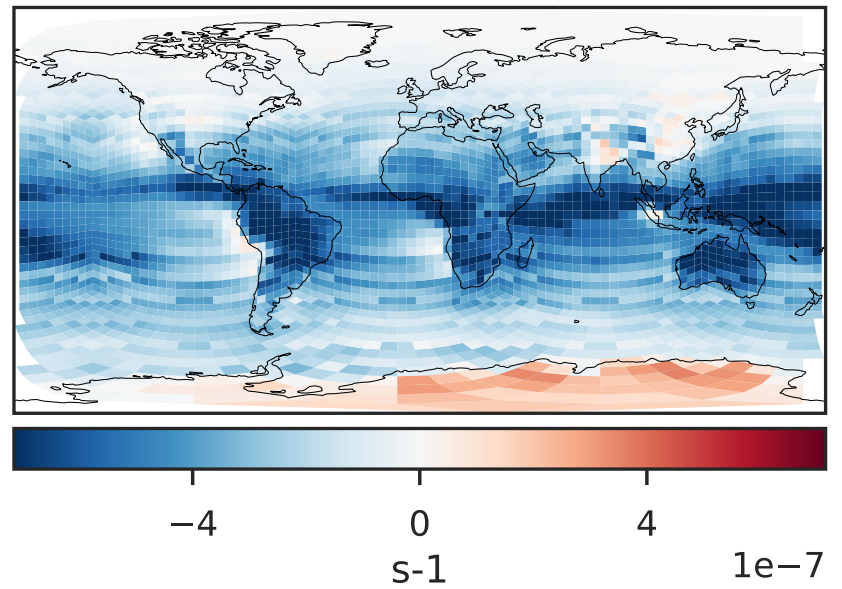
14.3.0-rc.0 (Dev)
c24



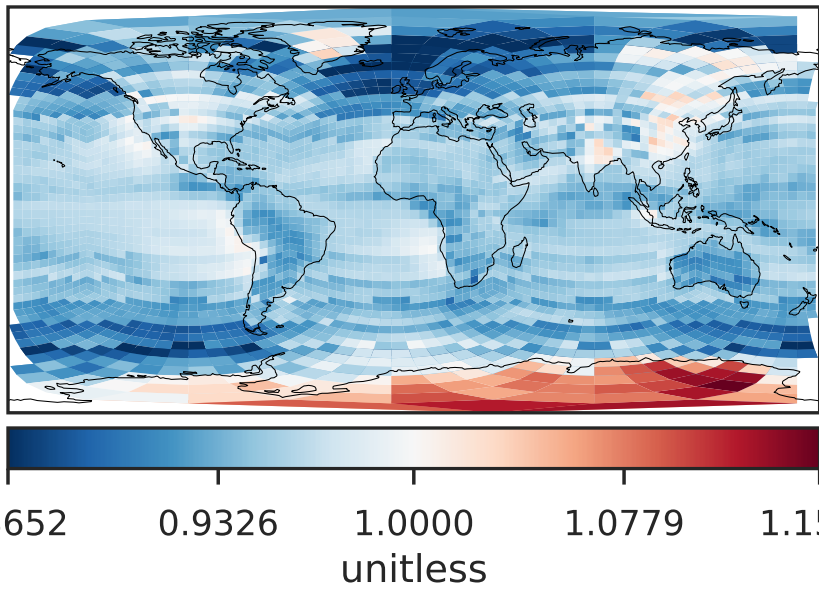
Difference
Dev - Ref, Dynamic Range



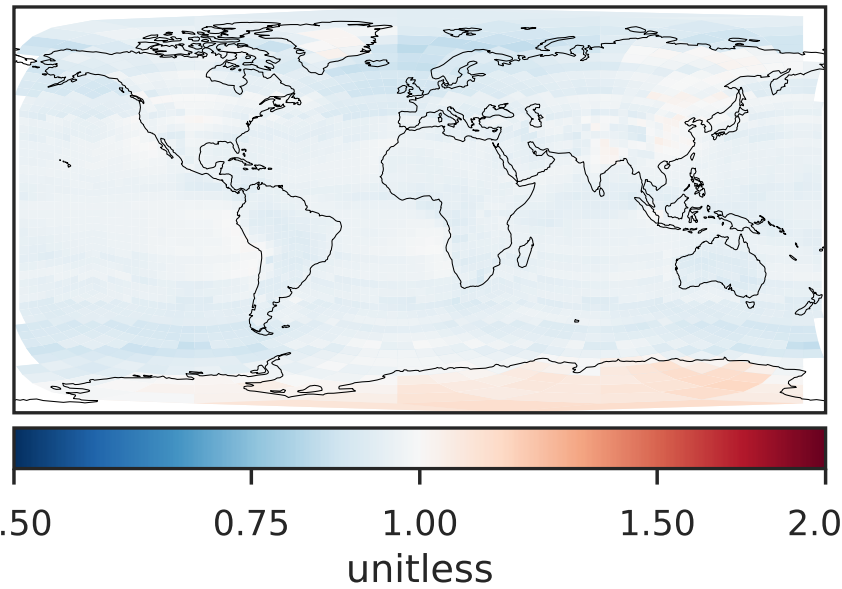
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

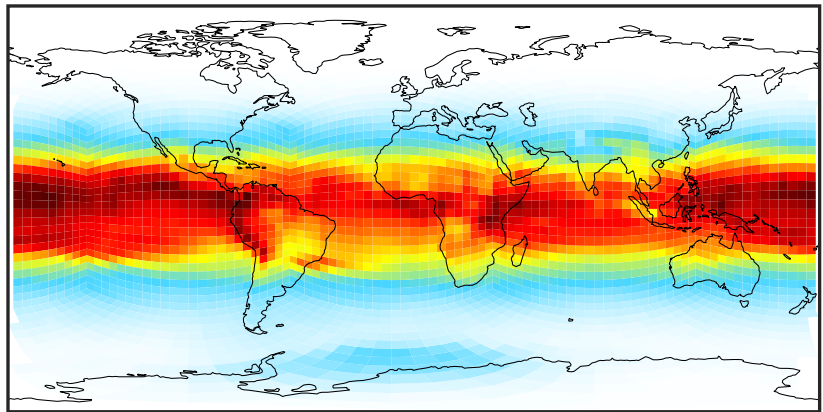


Ratio
Dev/Ref, Fixed Range



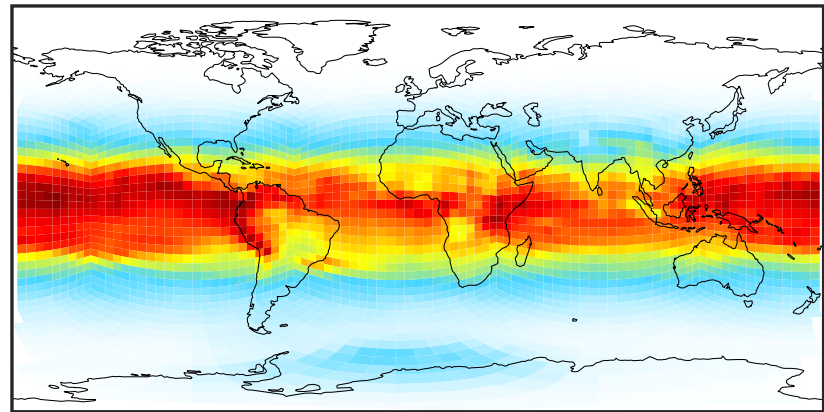
Jval_OCS (Oct2019)

14.2.0-rc.2 (Ref)
c24



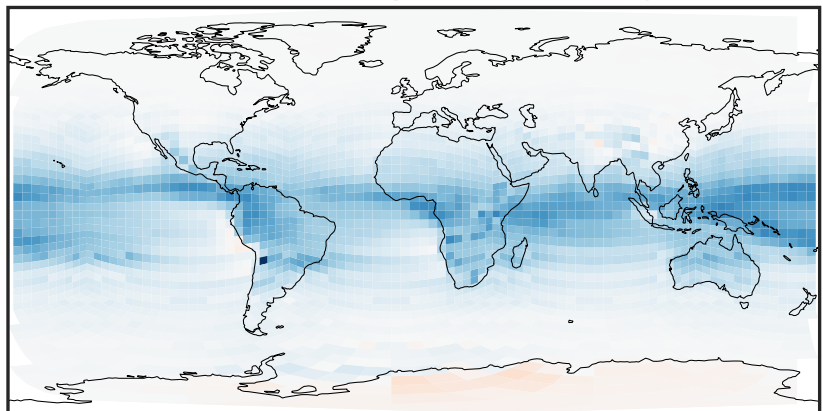
0.8 1.6 2.4
s-1 1e-12

14.3.0-rc.0 (Dev)
c24



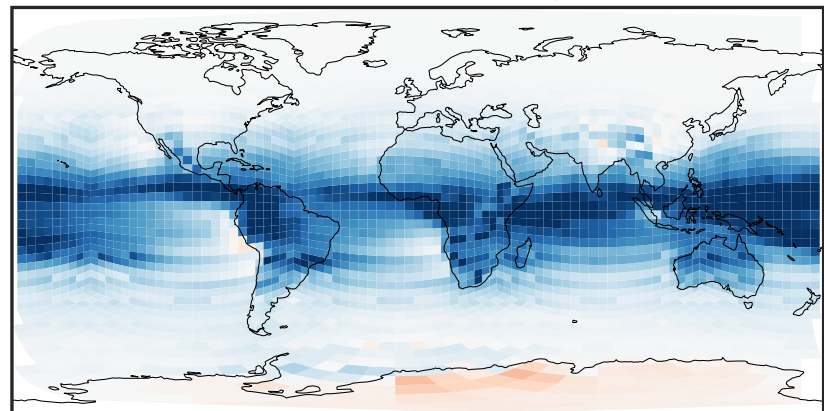
0.8 1.6 2.4
s-1 1e-12

Difference
Dev - Ref, Dynamic Range



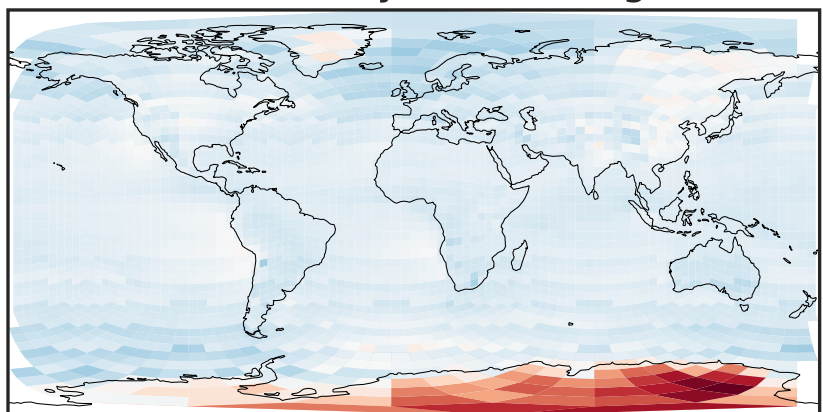
-2 0 2
s-1 1e-13

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



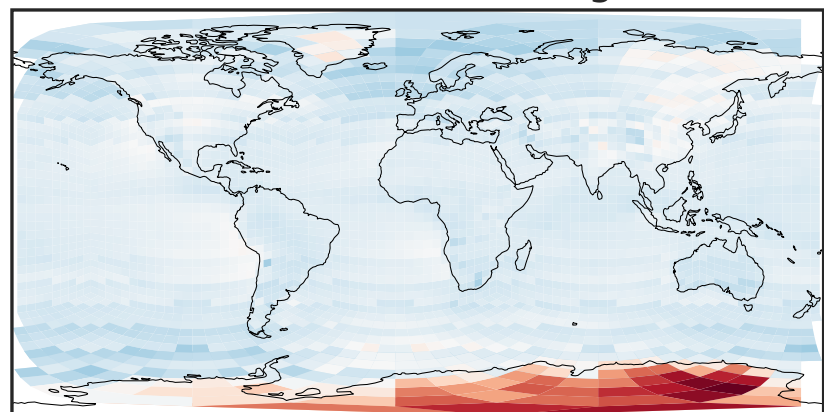
-1 0 1
s-1 1e-13

Ratio
Dev/Ref, Dynamic Range



0.498 0.749 1.000 1.504 2.008
unitless

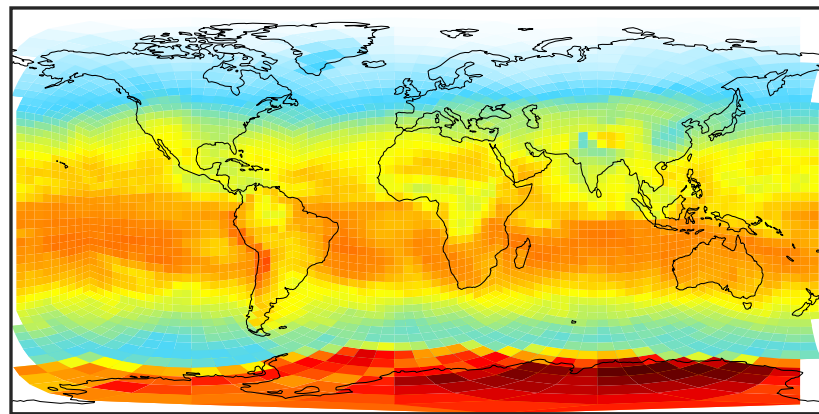
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

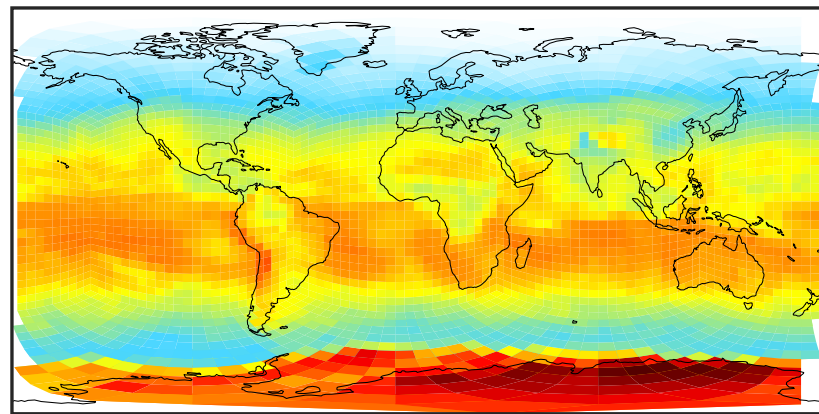
Jval_OCIO (Oct2019)

14.2.0-rc.2 (Ref)
c24



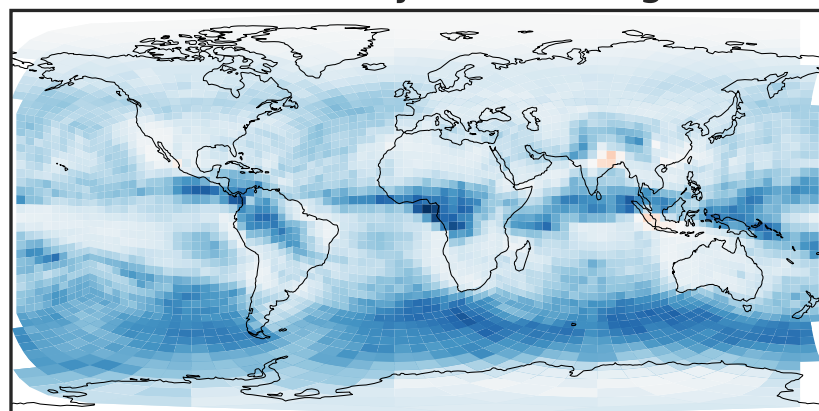
0.015 0.030 0.045
s-1

14.3.0-rc.0 (Dev)
c24



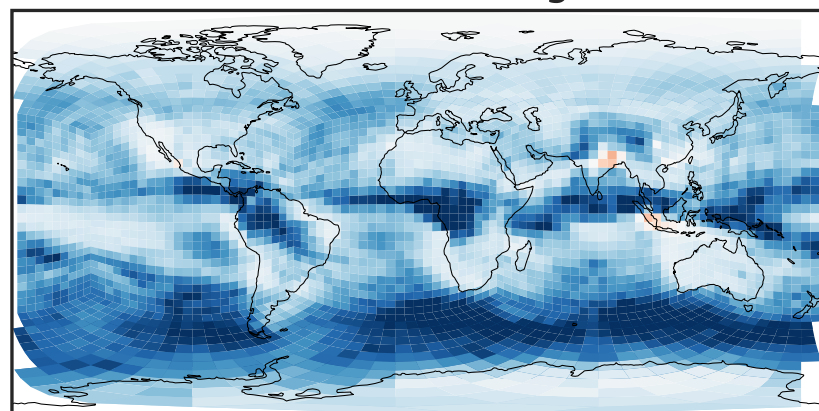
0.015 0.030 0.045
s-1

Difference
Dev - Ref, Dynamic Range



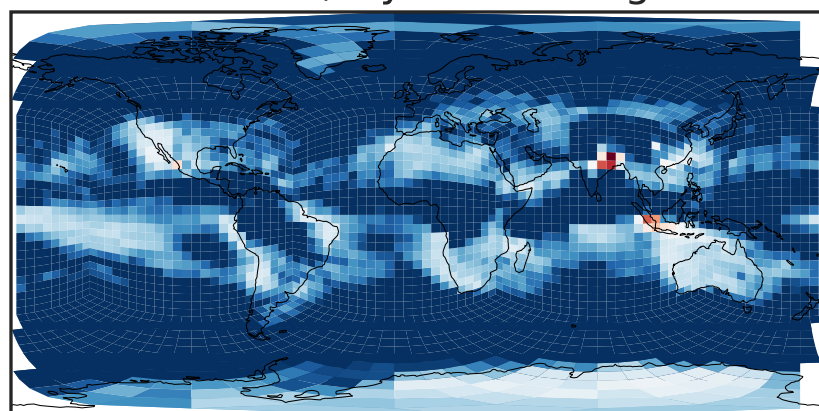
-0.001 0.000 0.001
s-1

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



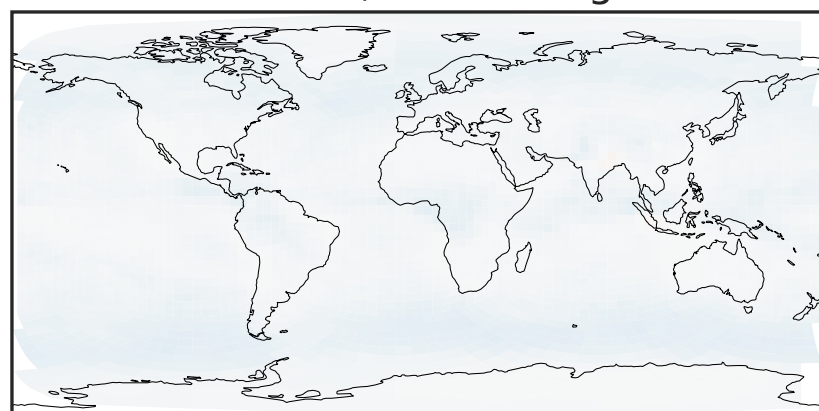
-0.0006 0.0000 0.0006
s-1

Ratio
Dev/Ref, Dynamic Range



0.98007 0.99004 1.00000 1.01017 1.02033
unitless

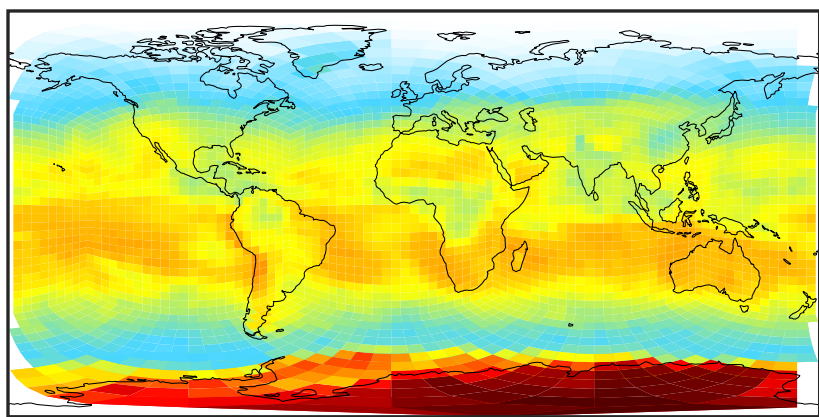
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

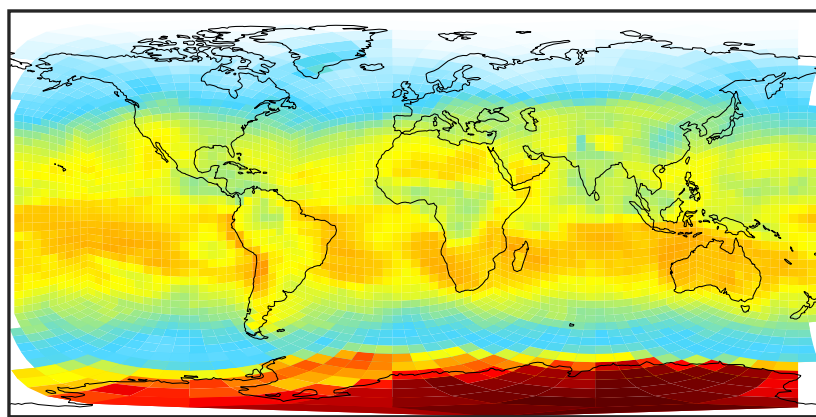
Jval_OIO (Oct2019)

14.2.0-rc.2 (Ref)
c24



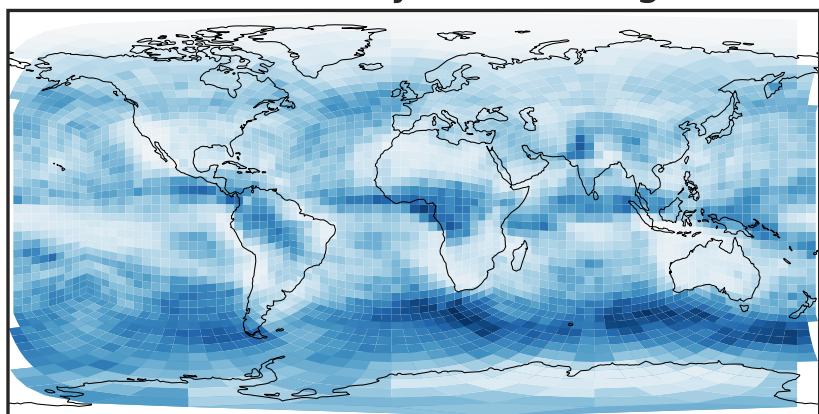
0.0002 0.0439 0.0876 0.1313 0.1749
s-1

14.3.0-rc.0 (Dev)
c24



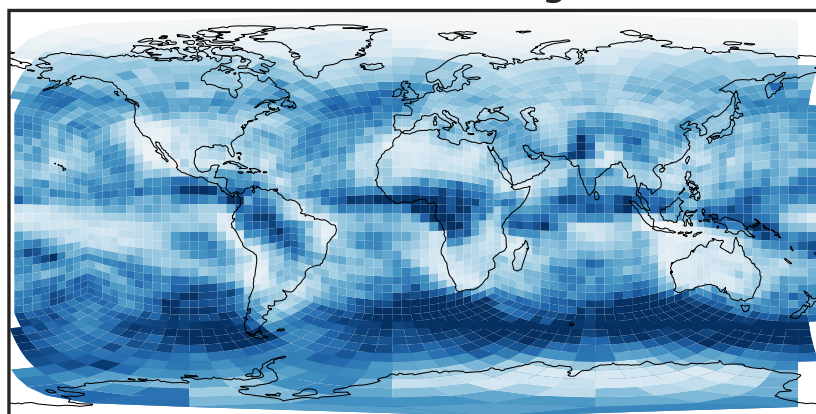
0.0002 0.0439 0.0876 0.1313 0.1749
s-1

Difference
Dev - Ref, Dynamic Range



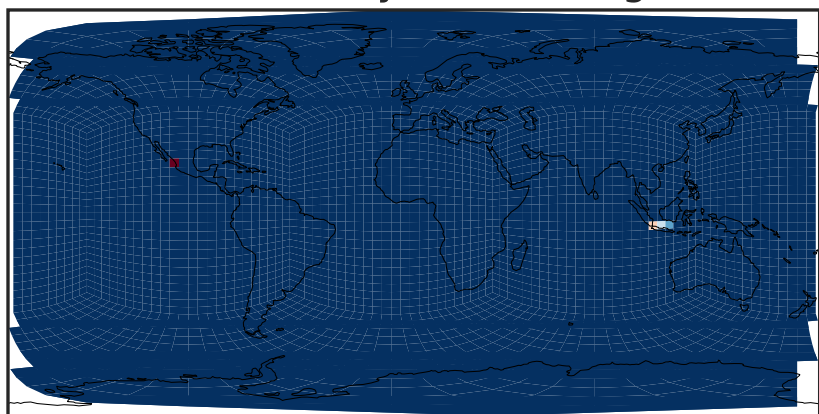
-0.004 0.000 0.004
s-1

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



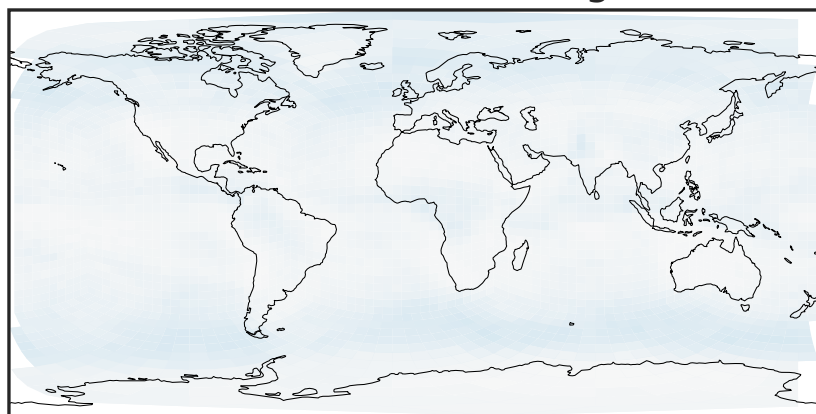
-0.0025 0.0000 0.0025
s-1

Ratio
Dev/Ref, Dynamic Range



0.997798 0.998899 1.000000 1.001104 1.002207
unitless

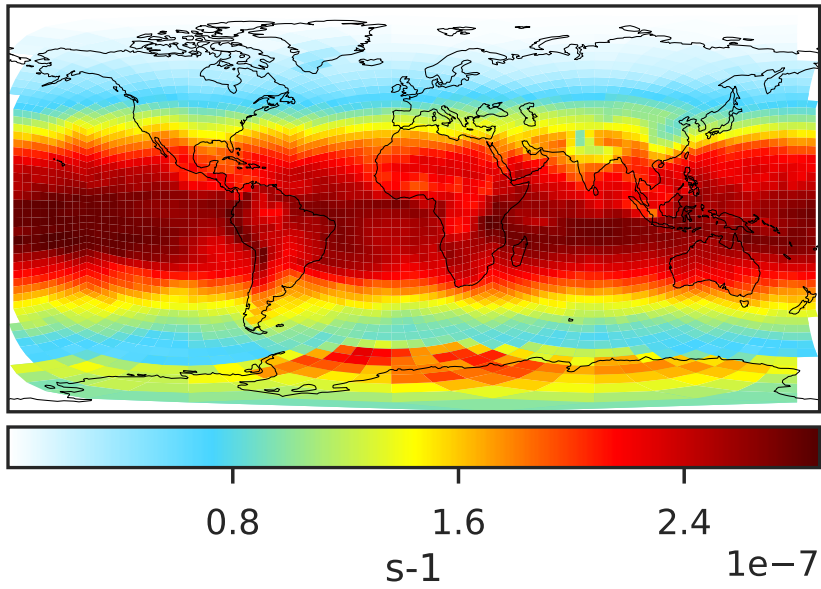
Ratio
Dev/Ref, Fixed Range



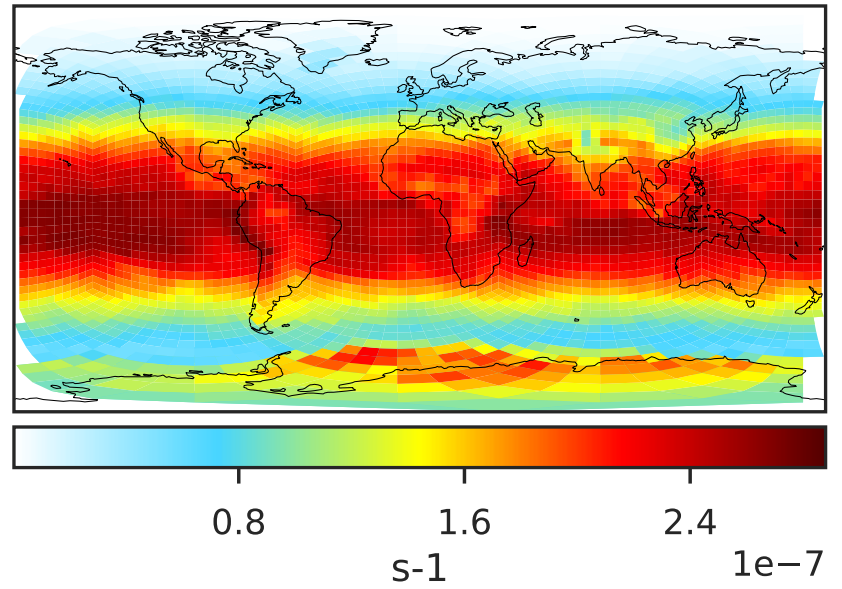
0.50 0.75 1.00 1.50 2.00
unitless

Jval_PAN (Oct2019)

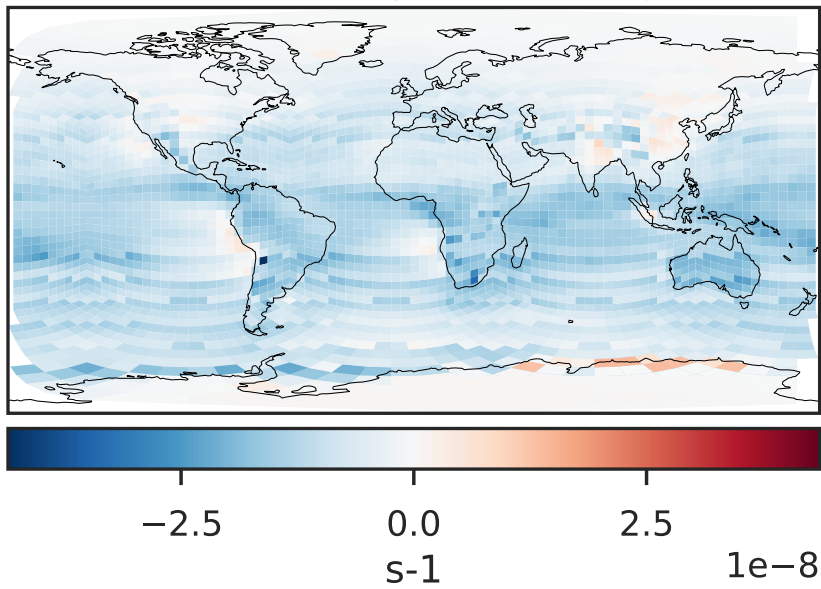
14.2.0-rc.2 (Ref)
c24



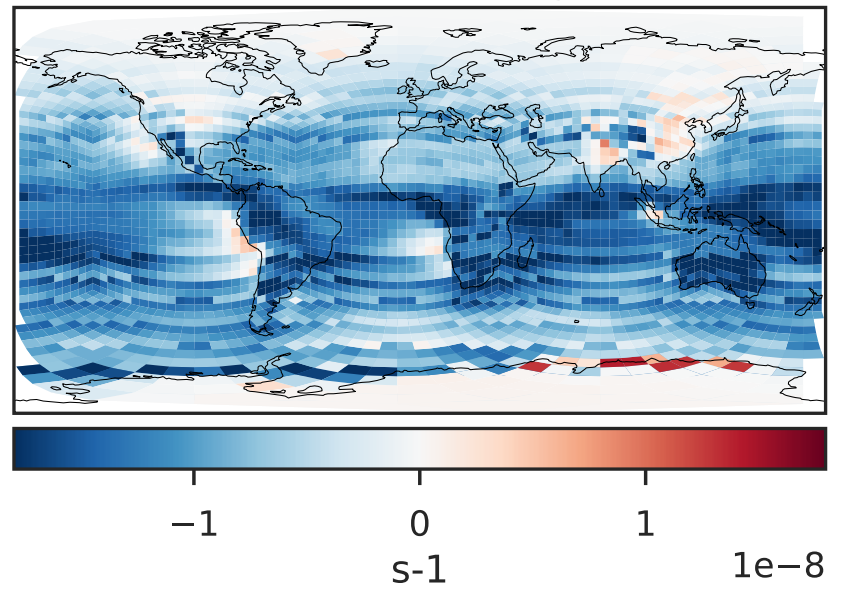
14.3.0-rc.0 (Dev)
c24



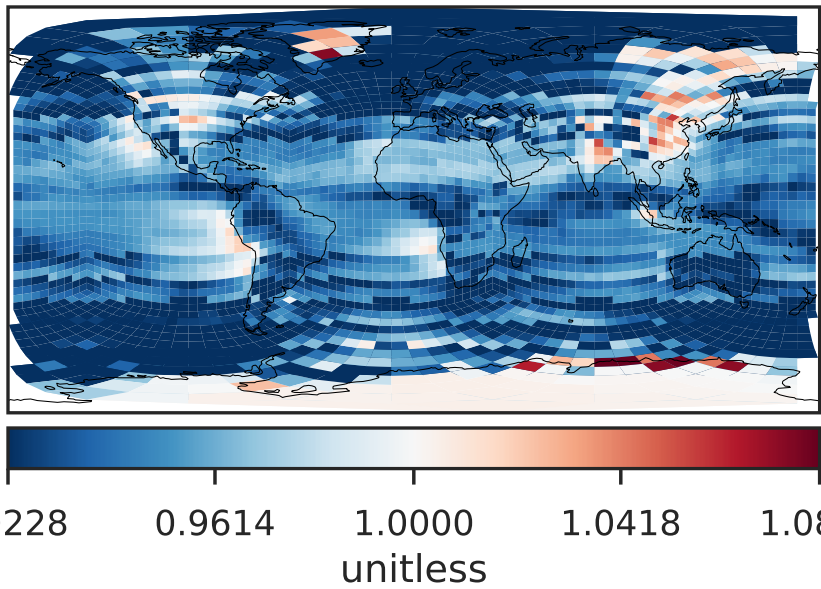
Difference
Dev - Ref, Dynamic Range



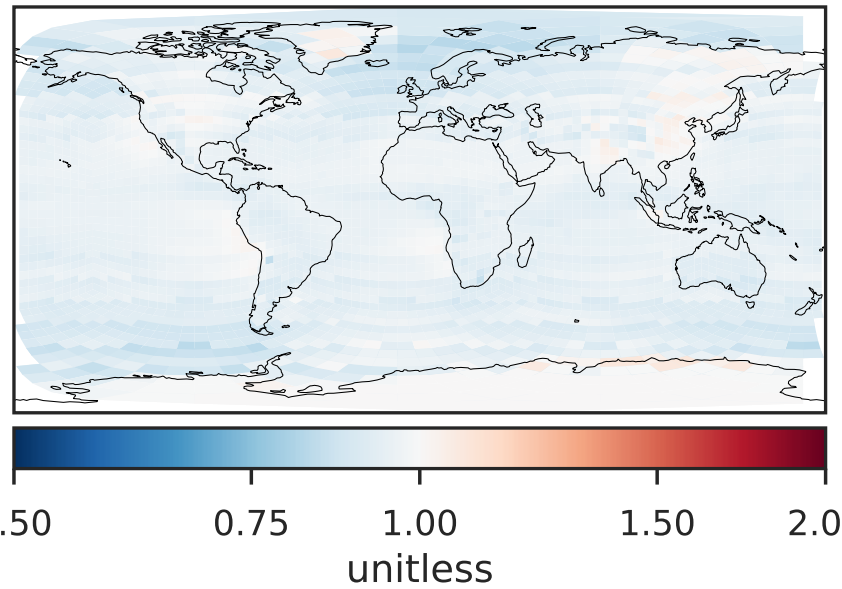
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

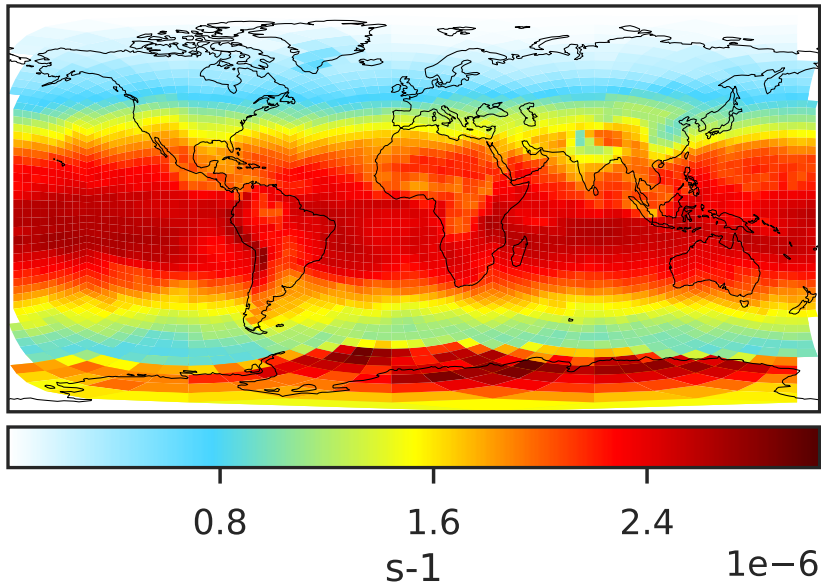


Ratio
Dev/Ref, Fixed Range

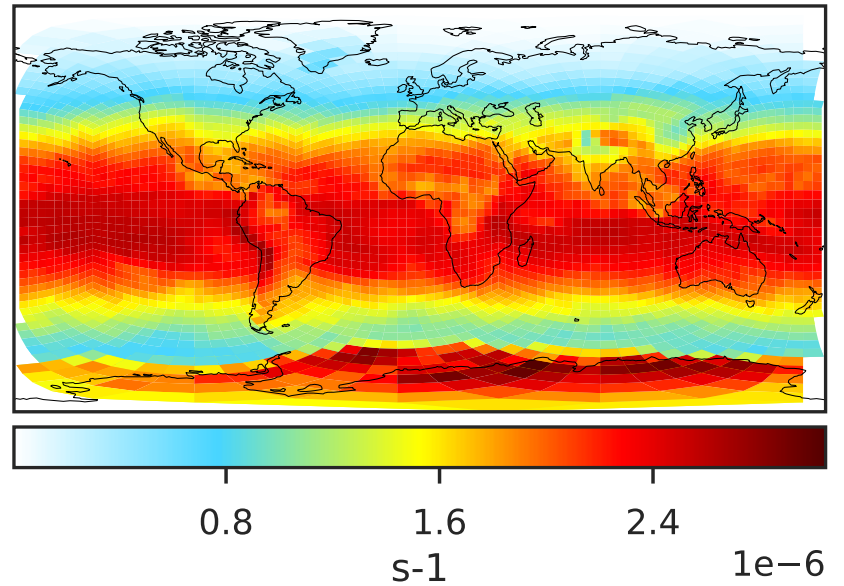


Jval_PIP (Oct2019)

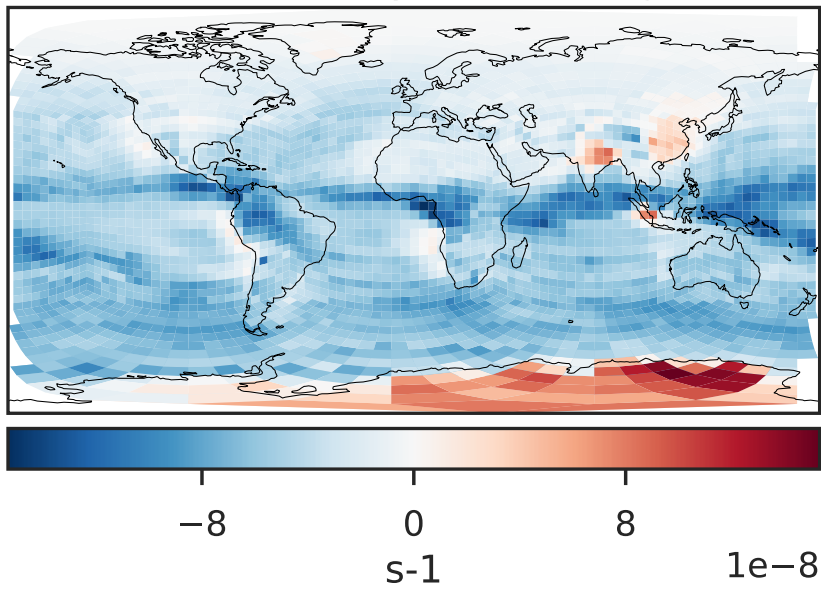
14.2.0-rc.2 (Ref)
c24



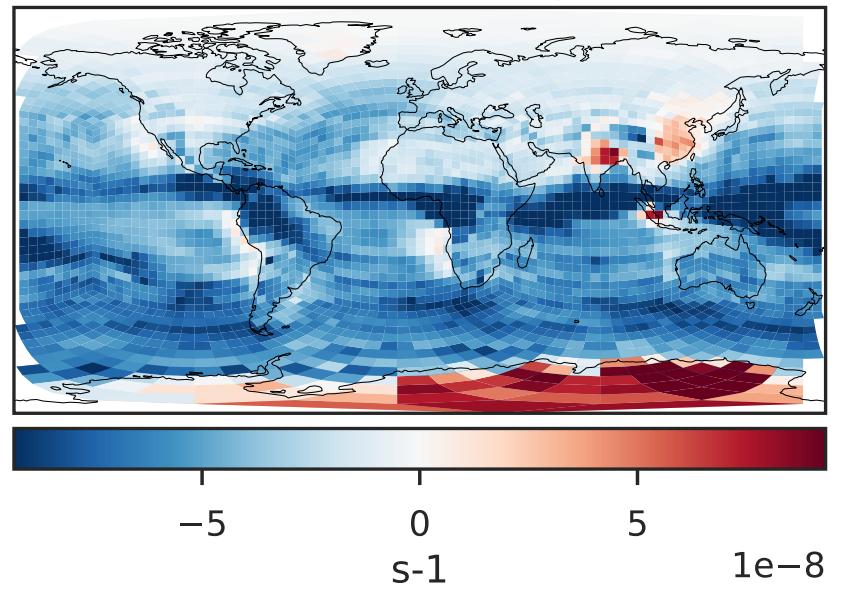
14.3.0-rc.0 (Dev)
c24



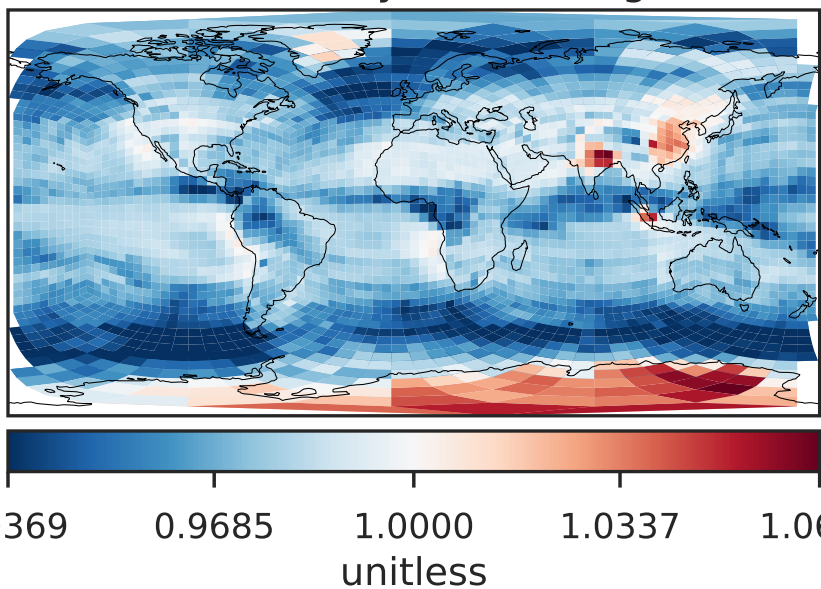
Difference
Dev - Ref, Dynamic Range



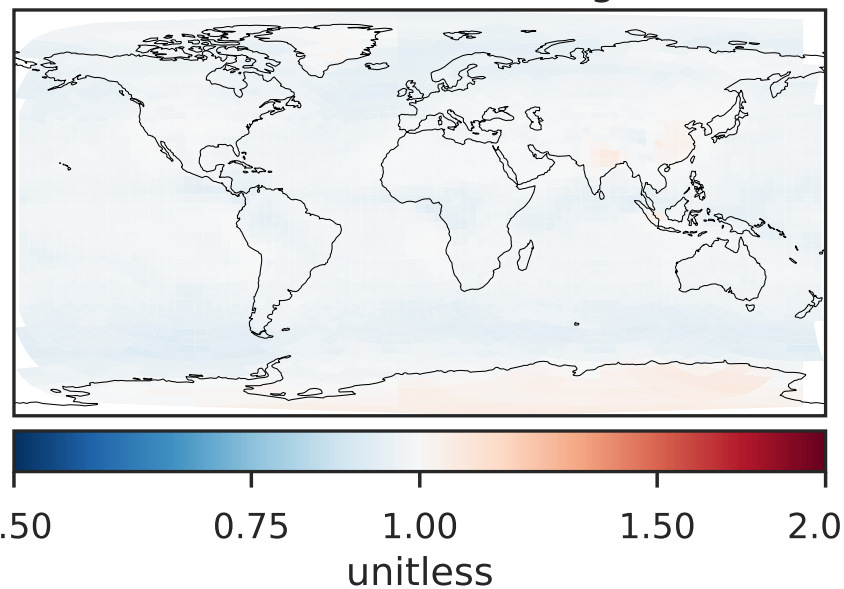
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

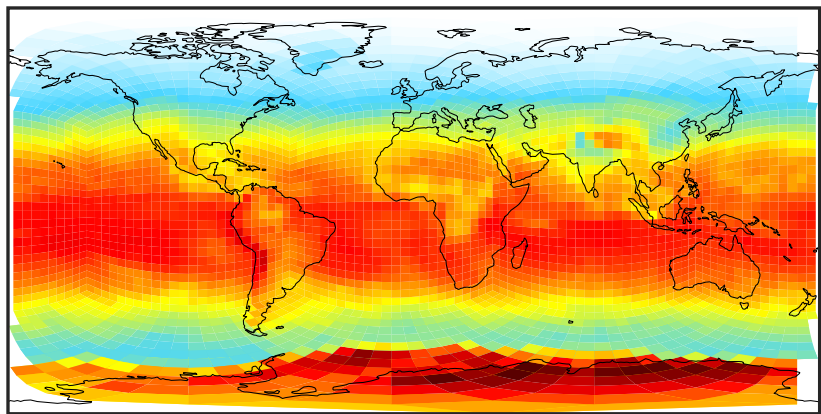


Ratio
Dev/Ref, Fixed Range



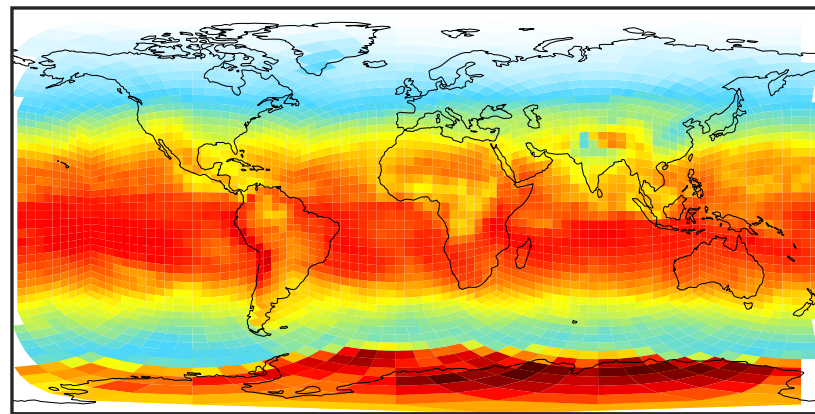
Jval_PP (Oct2019)

14.2.0-rc.2 (Ref)
c24



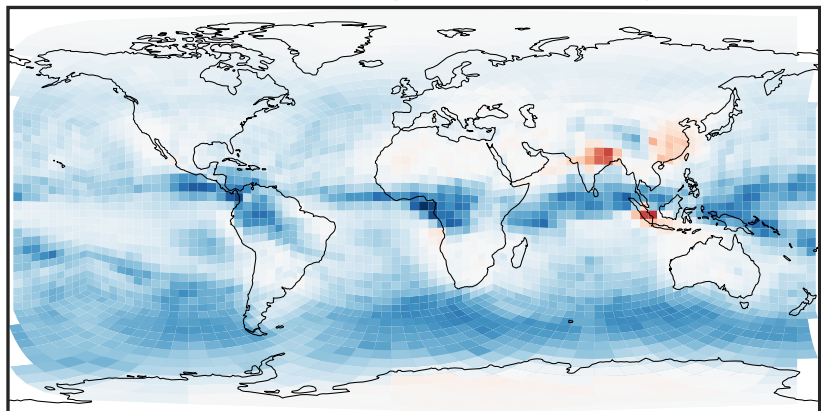
0.8 1.6 2.4
s-1 1e-6

14.3.0-rc.0 (Dev)
c24



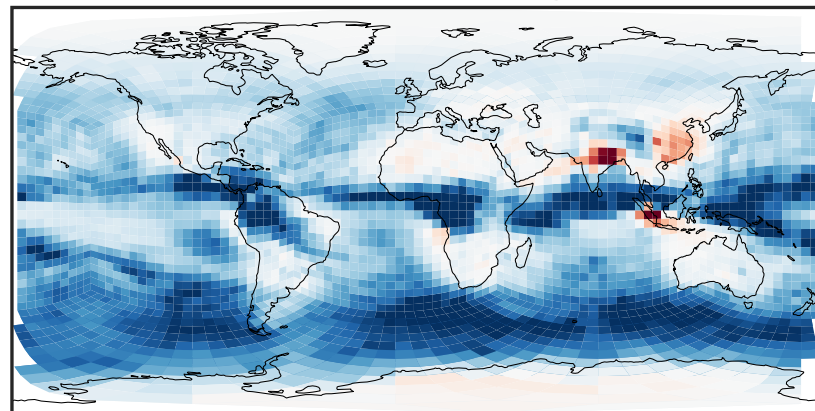
0.8 1.6 2.4
s-1 1e-6

Difference
Dev - Ref, Dynamic Range



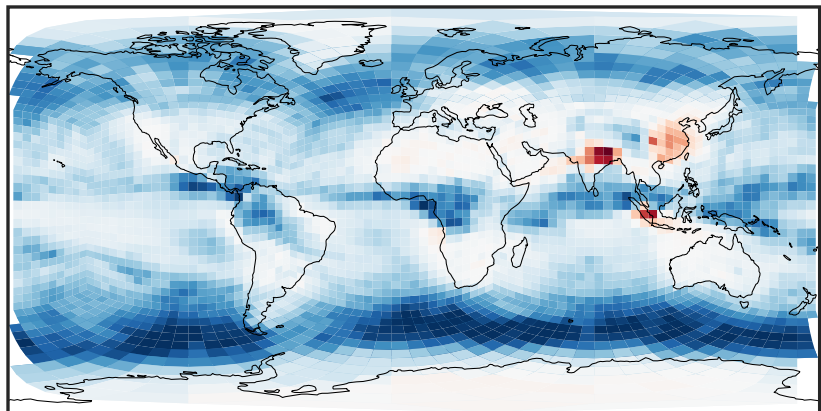
-5 0 5
s-1 1e-8

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



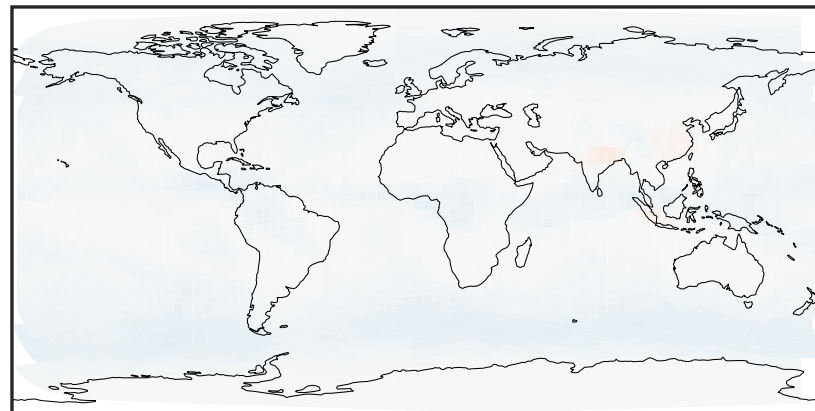
-3 0 3
s-1 1e-8

Ratio
Dev/Ref, Dynamic Range



0.9405 0.9703 1.0000 1.0316 1.0632
unitless

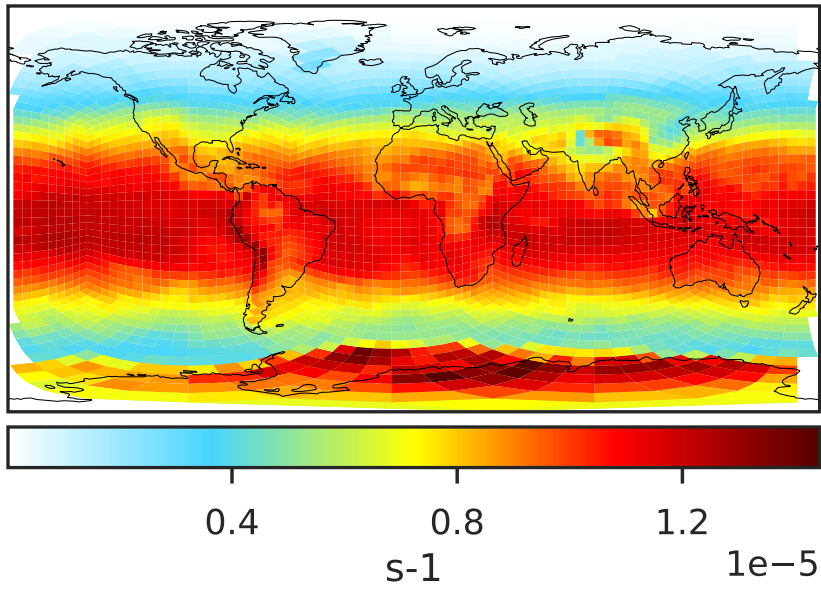
Ratio
Dev/Ref, Fixed Range



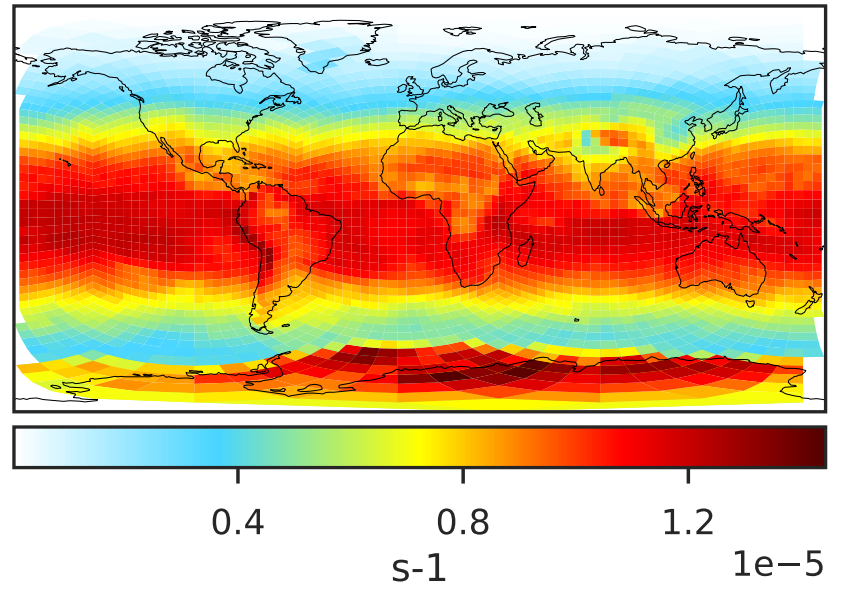
0.50 0.75 1.00 1.50 2.00
unitless

Jval_PROPNN (Oct2019)

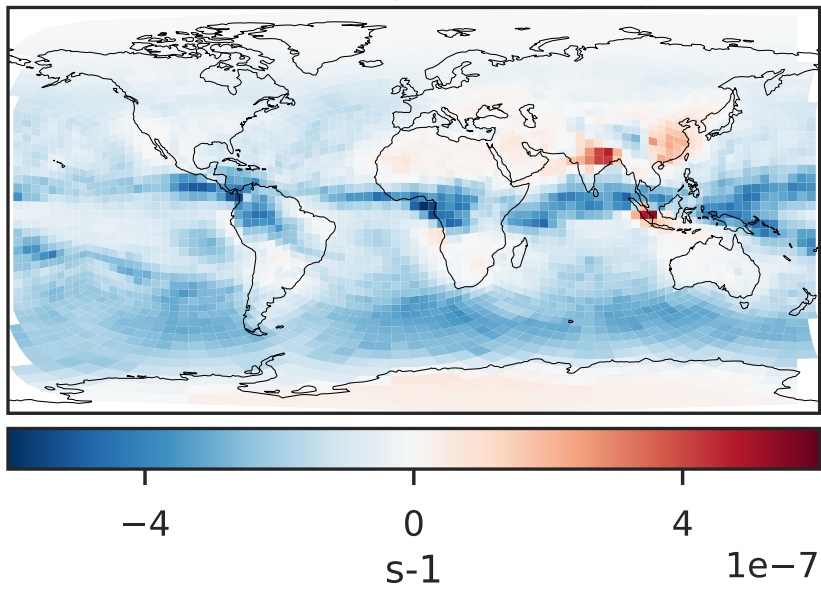
14.2.0-rc.2 (Ref)
c24



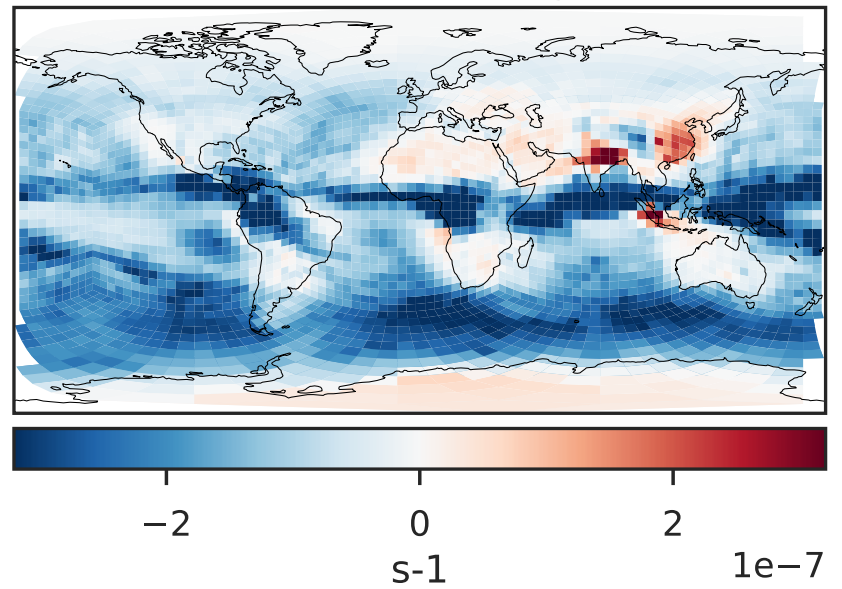
14.3.0-rc.0 (Dev)
c24



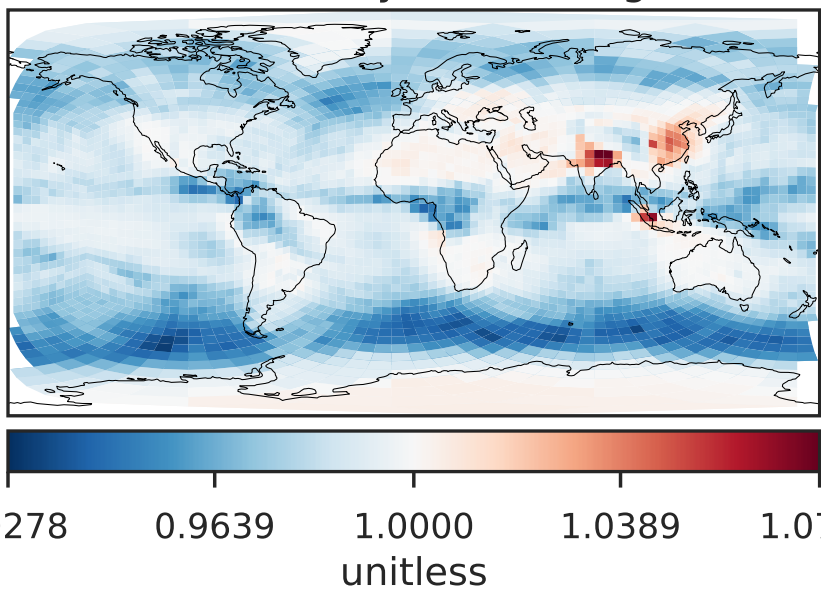
Difference
Dev - Ref, Dynamic Range



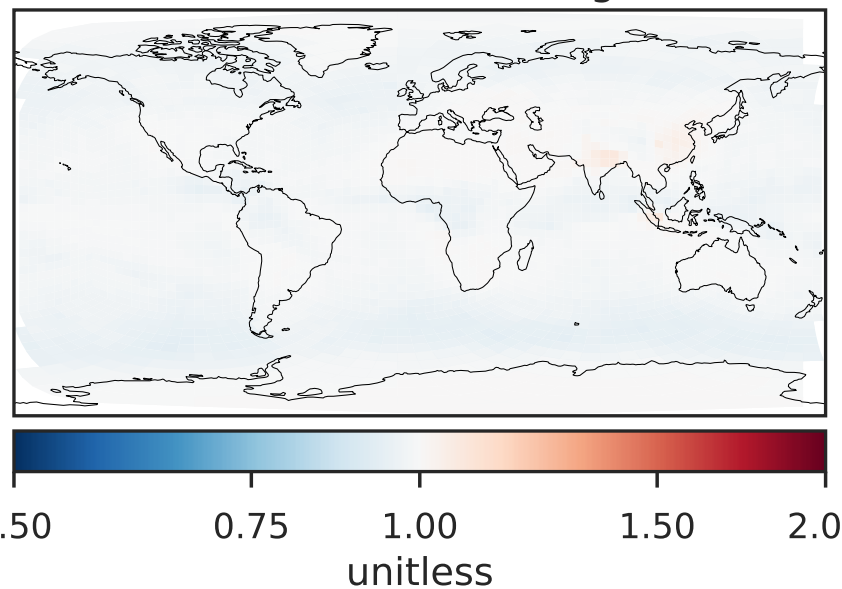
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

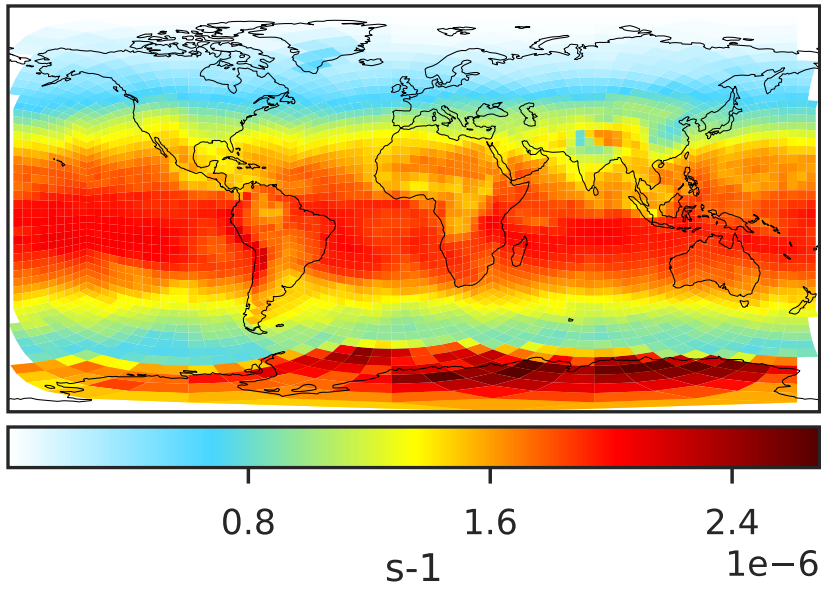


Ratio
Dev/Ref, Fixed Range

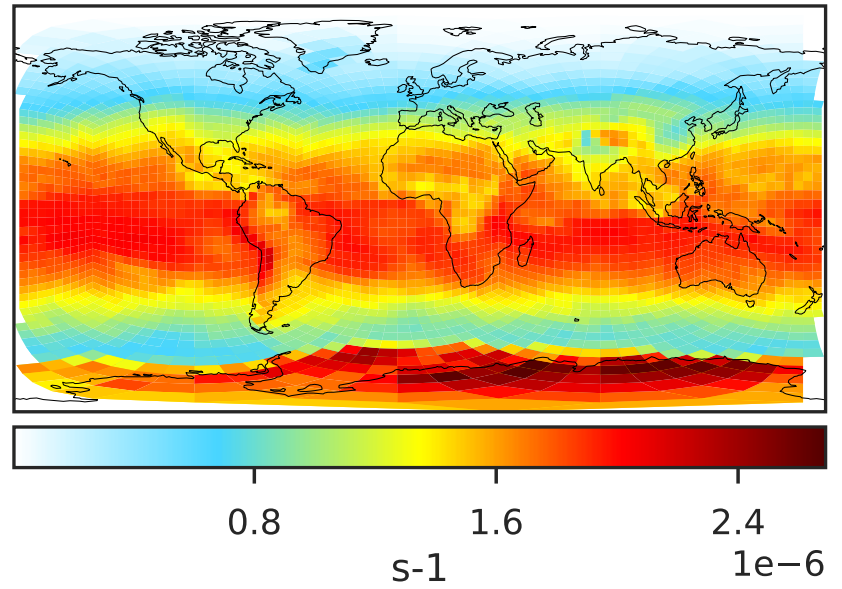


Jval_PRPN (Oct2019)

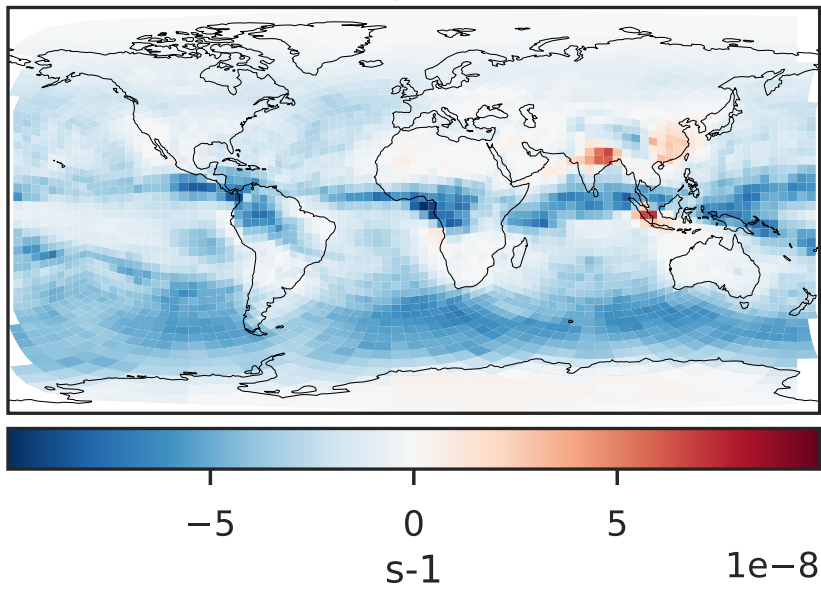
14.2.0-rc.2 (Ref)
c24



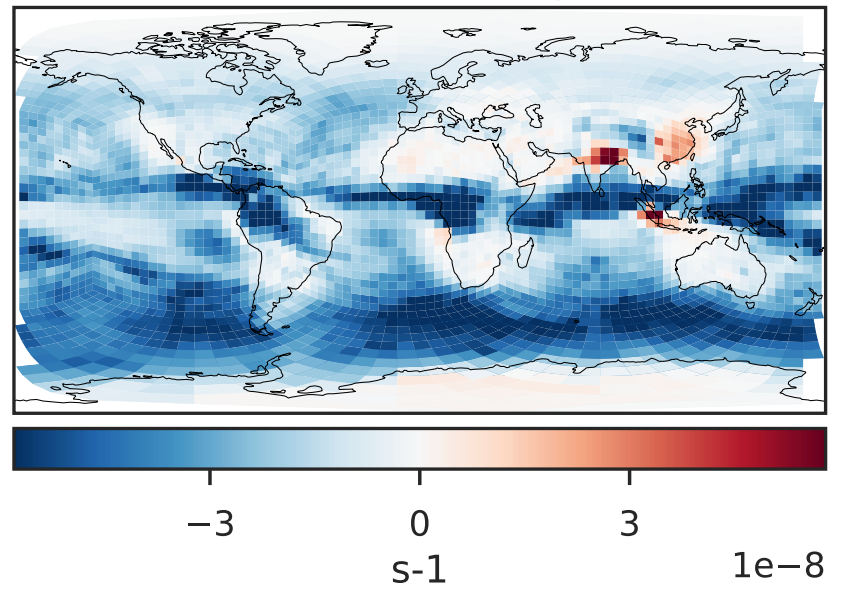
14.3.0-rc.0 (Dev)
c24



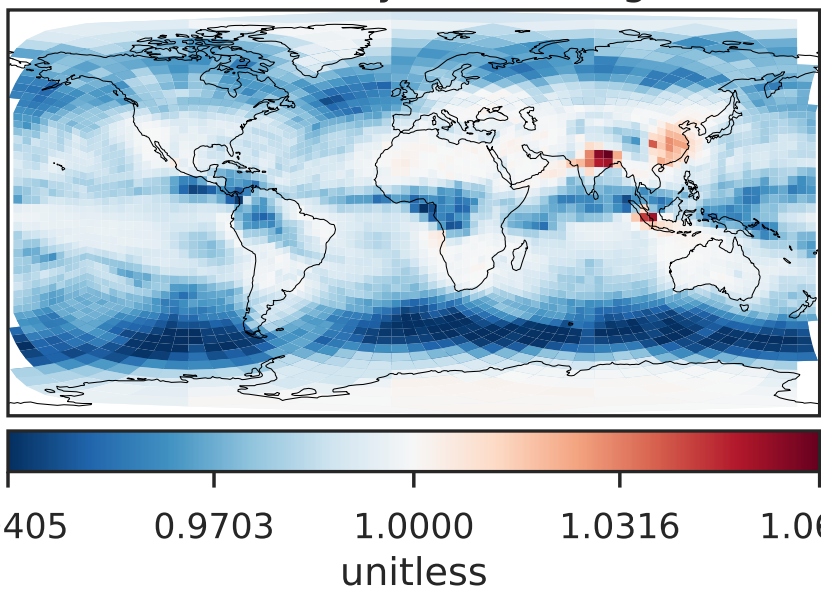
Difference
Dev - Ref, Dynamic Range



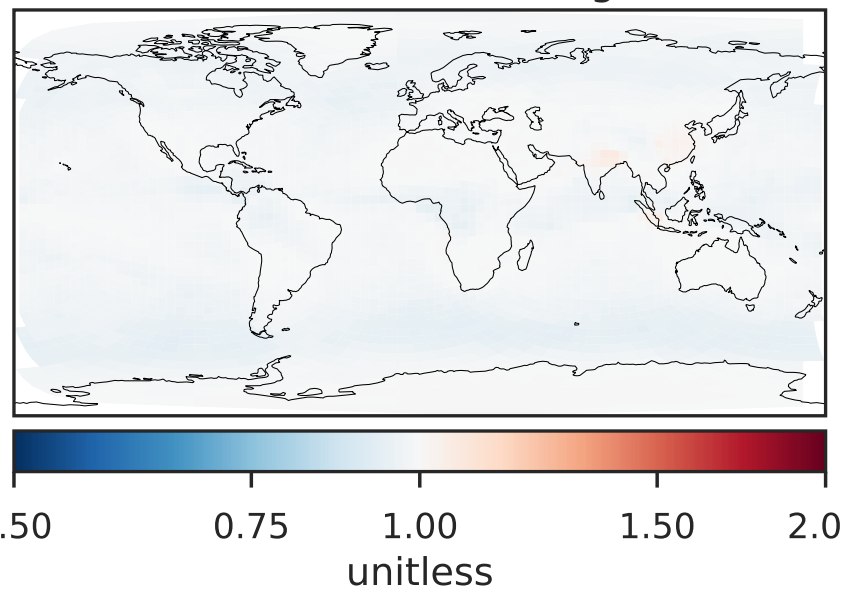
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

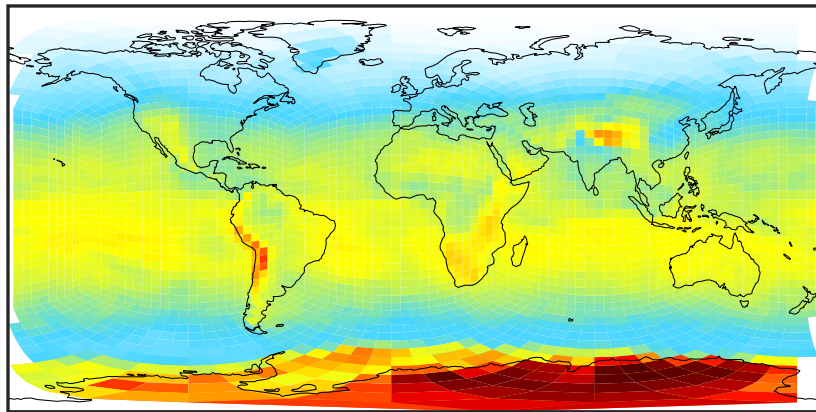


0.9405 0.9703 1.0000 1.0316 1.0632
unitless

0.50 0.75 1.00 1.50 2.00
unitless

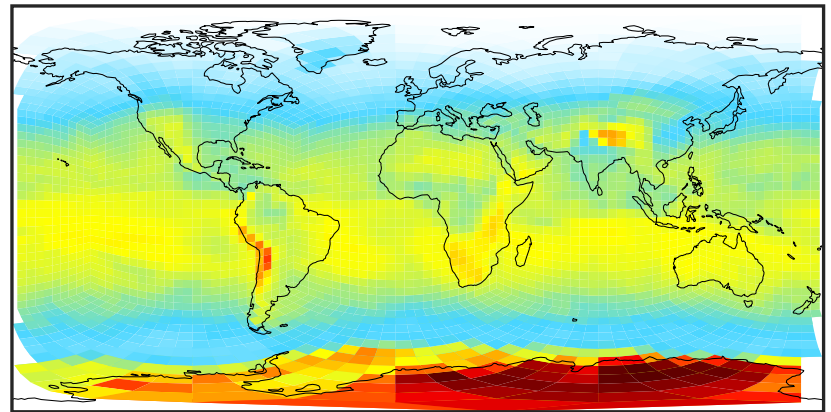
Jval_PYAC (Oct2019)

14.2.0-rc.2 (Ref)
c24



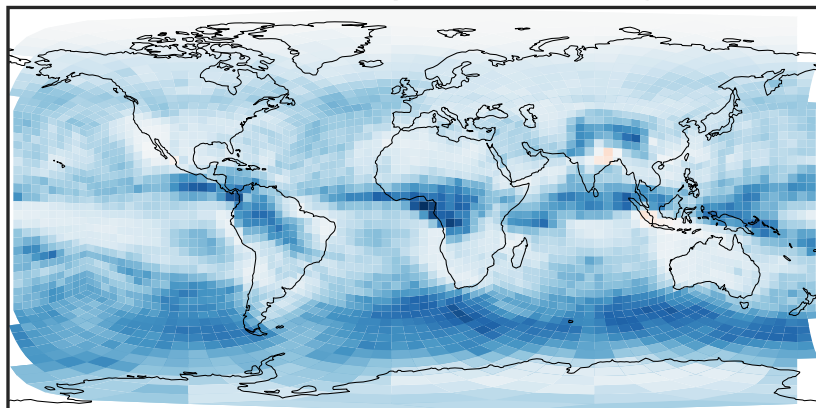
0.00004 0.00008 0.00012
s-1

14.3.0-rc.0 (Dev)
c24



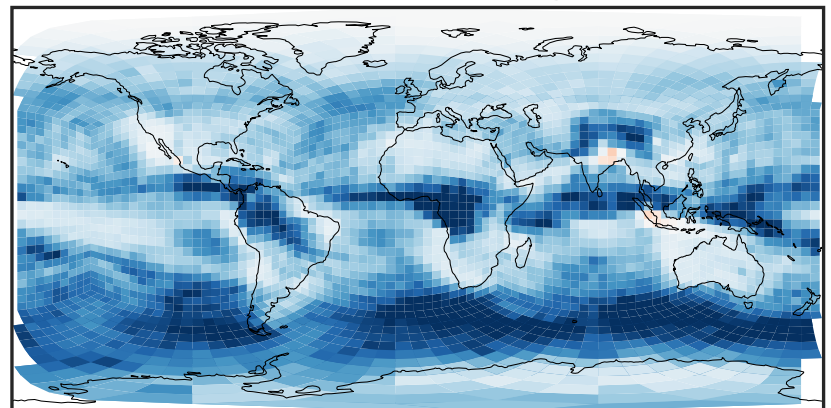
0.00004 0.00008 0.00012
s-1

Difference
Dev - Ref, Dynamic Range



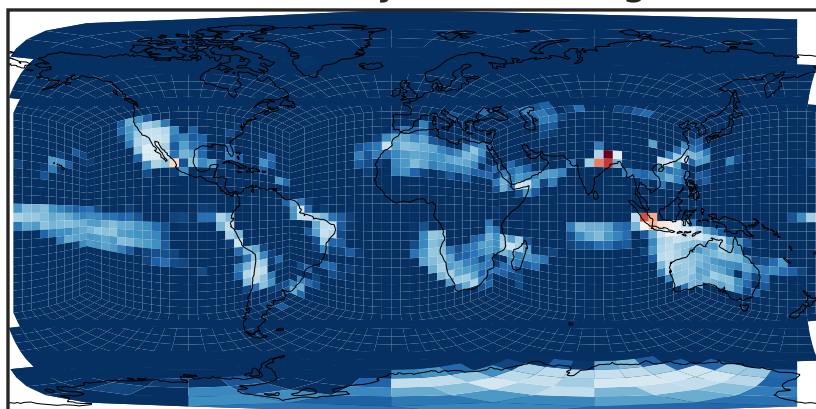
-2 0 2
s-1 1e-6

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



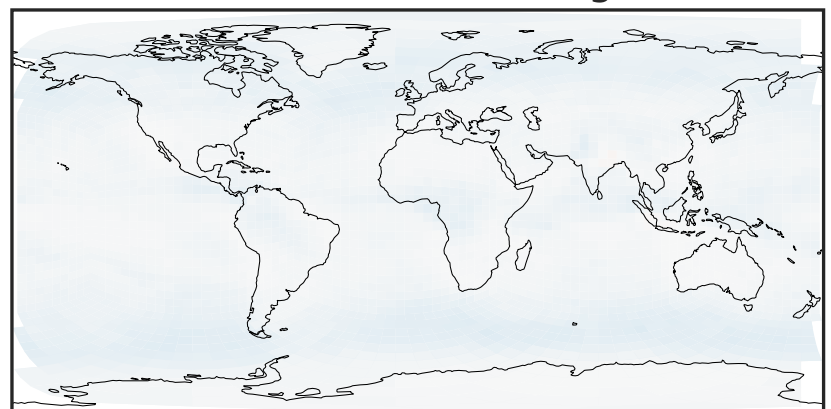
-1.5 0.0 1.5
s-1 1e-6

Ratio
Dev/Ref, Dynamic Range



0.98628 0.99314 1.00000 1.00695 1.01391
unitless

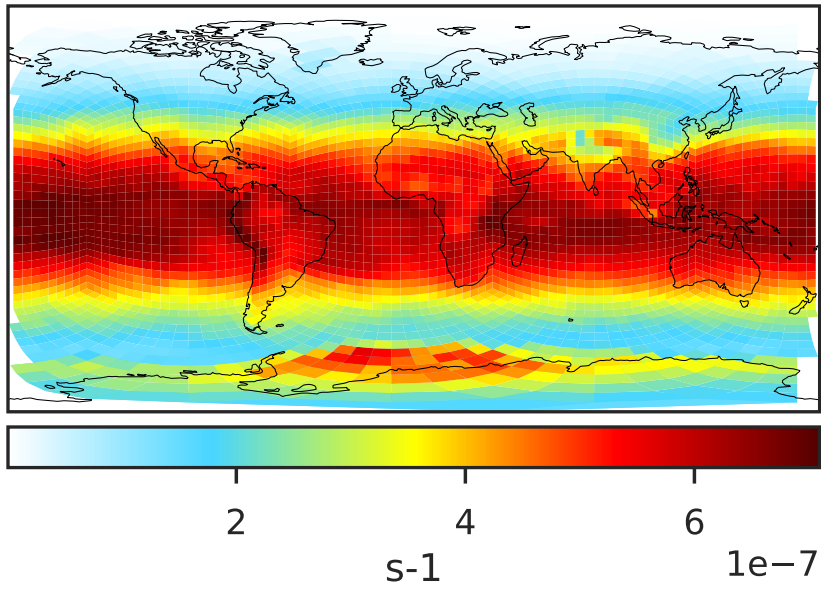
Ratio
Dev/Ref, Fixed Range



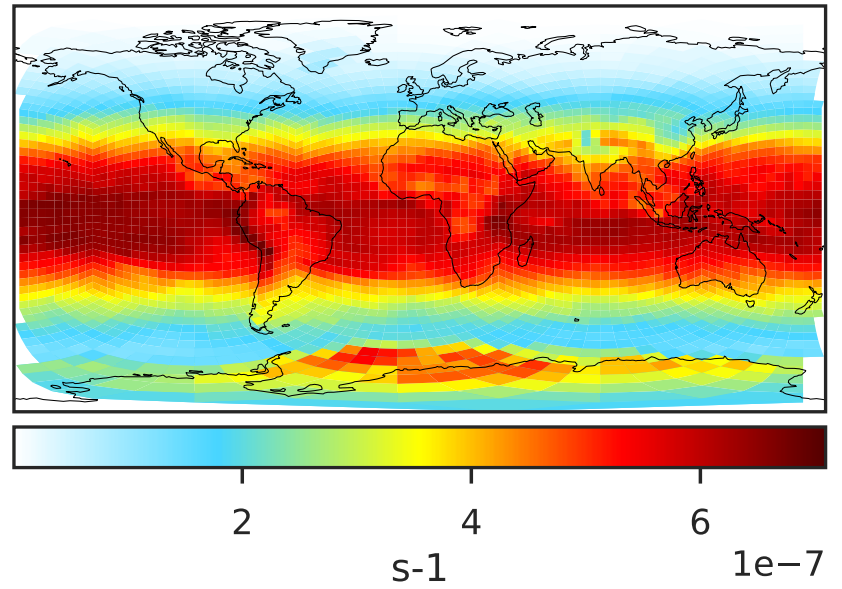
0.50 0.75 1.00 1.50 2.00
unitless

Jval_R4N2 (Oct2019)

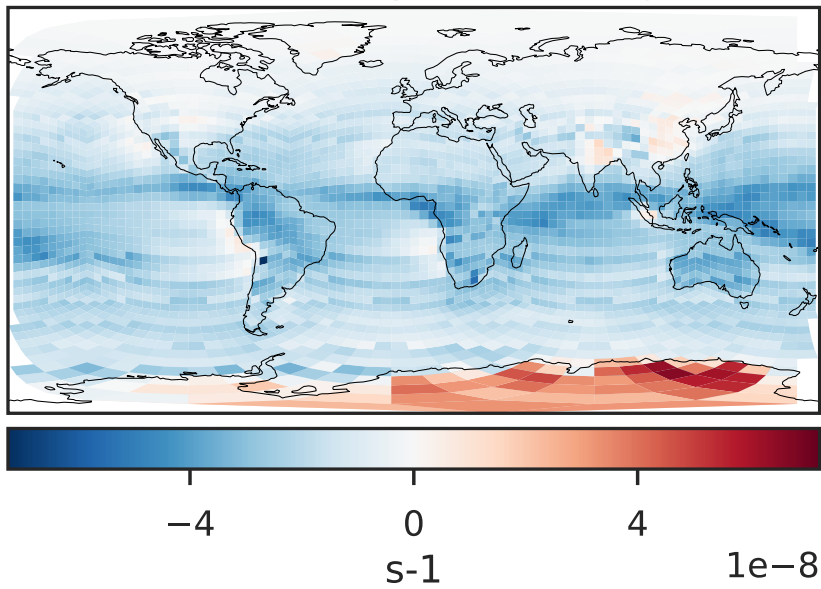
14.2.0-rc.2 (Ref)
c24



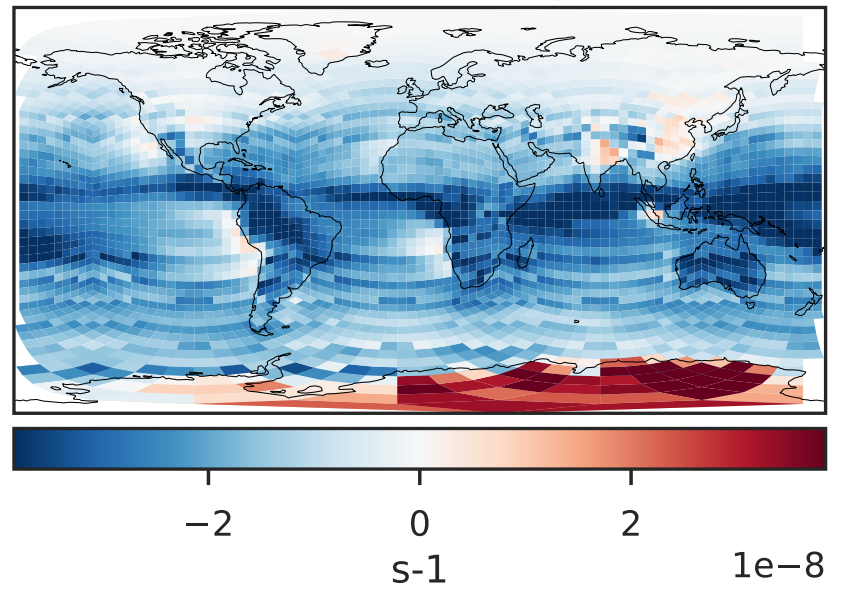
14.3.0-rc.0 (Dev)
c24



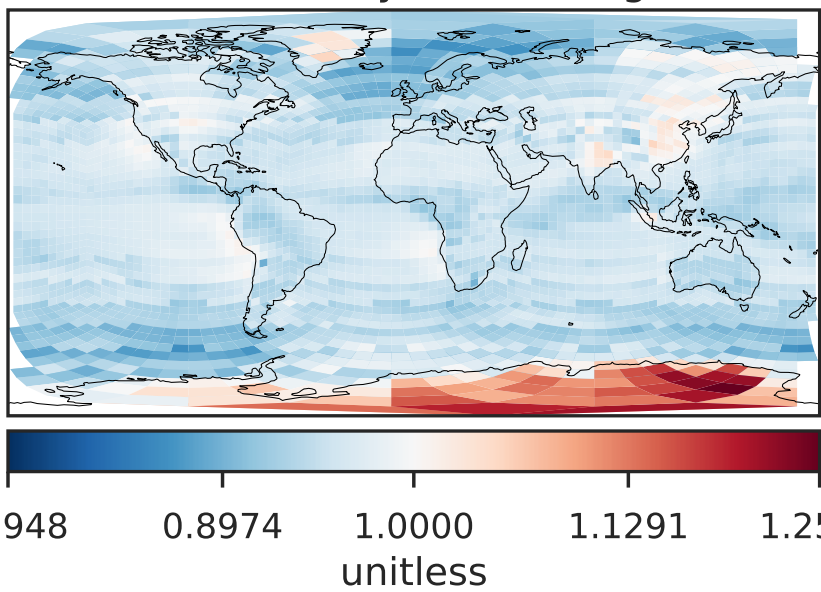
Difference
Dev - Ref, Dynamic Range



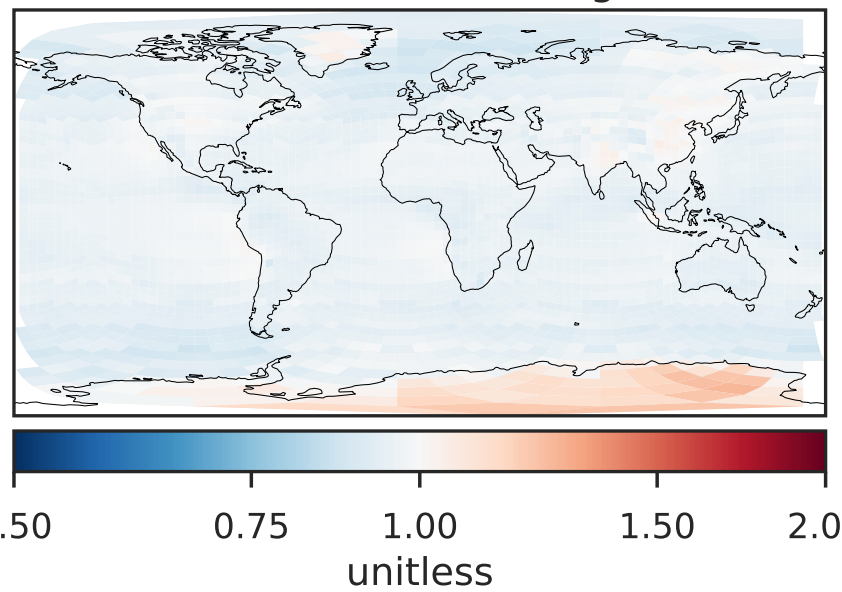
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

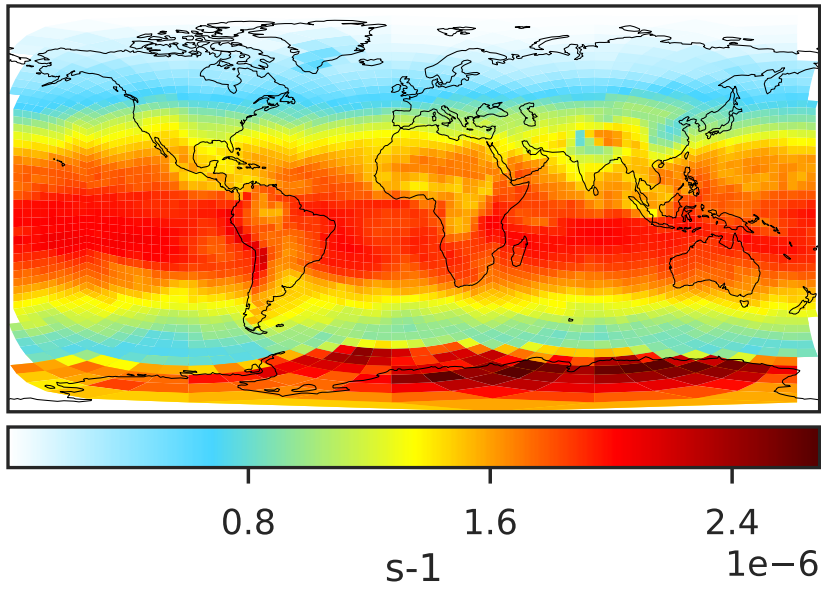


Ratio
Dev/Ref, Fixed Range

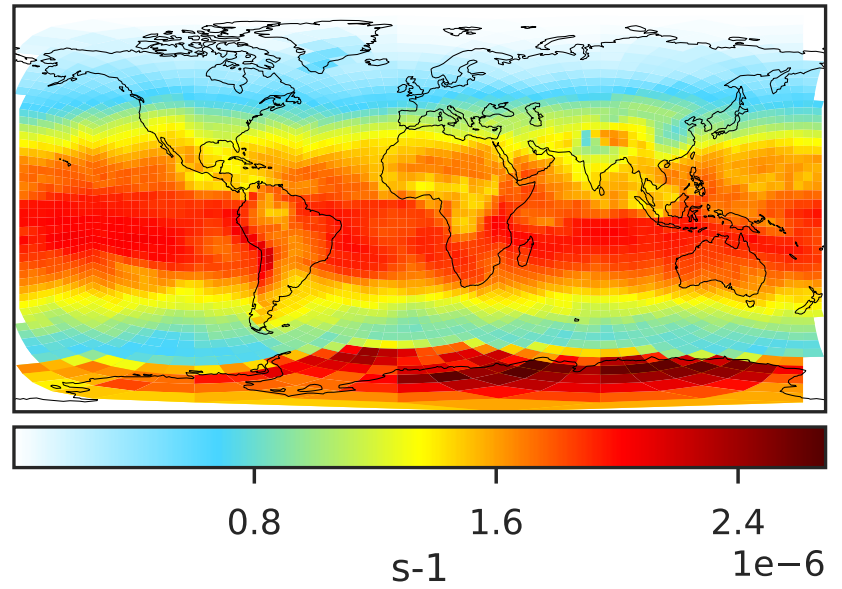


Jval_R4P (Oct2019)

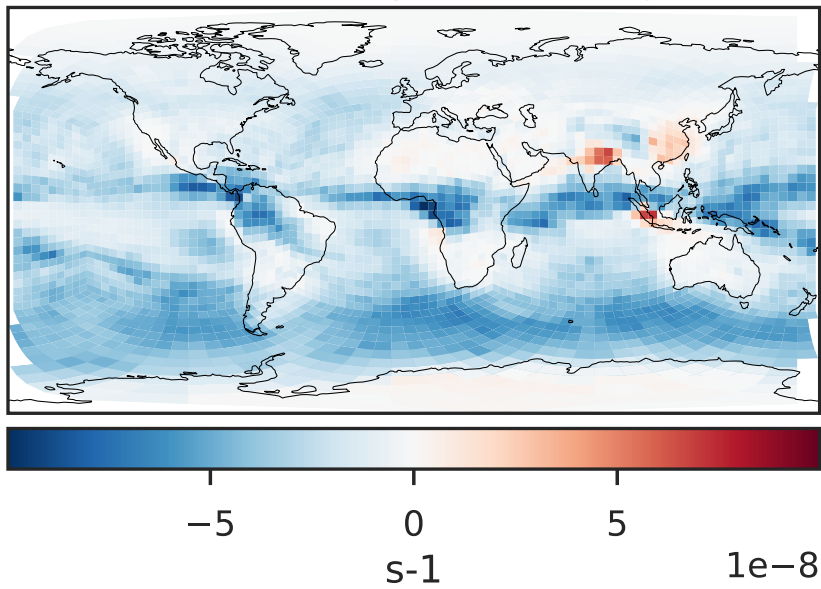
14.2.0-rc.2 (Ref)
c24



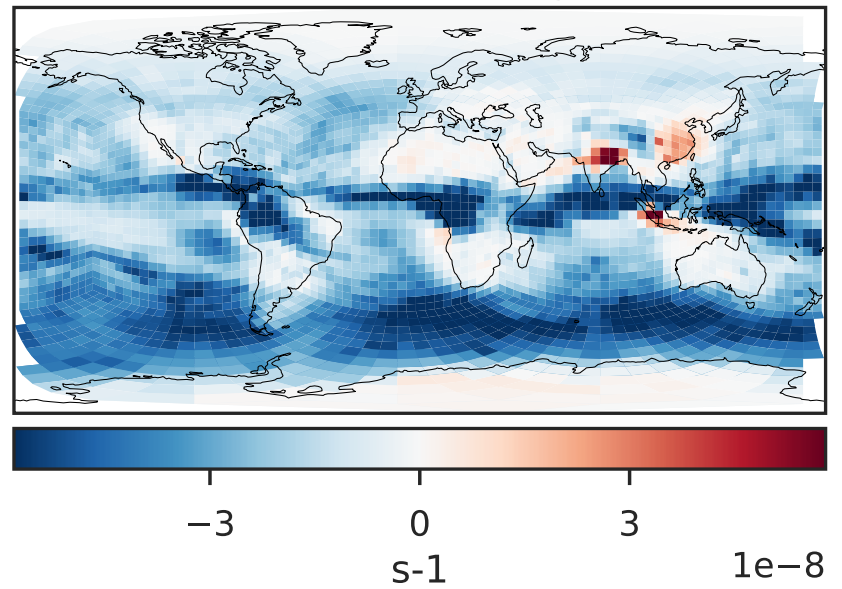
14.3.0-rc.0 (Dev)
c24



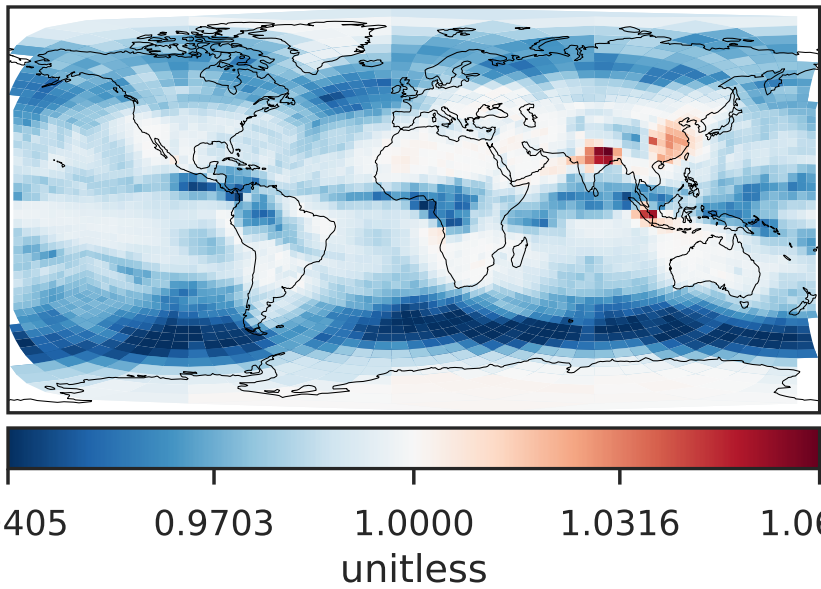
Difference
Dev - Ref, Dynamic Range



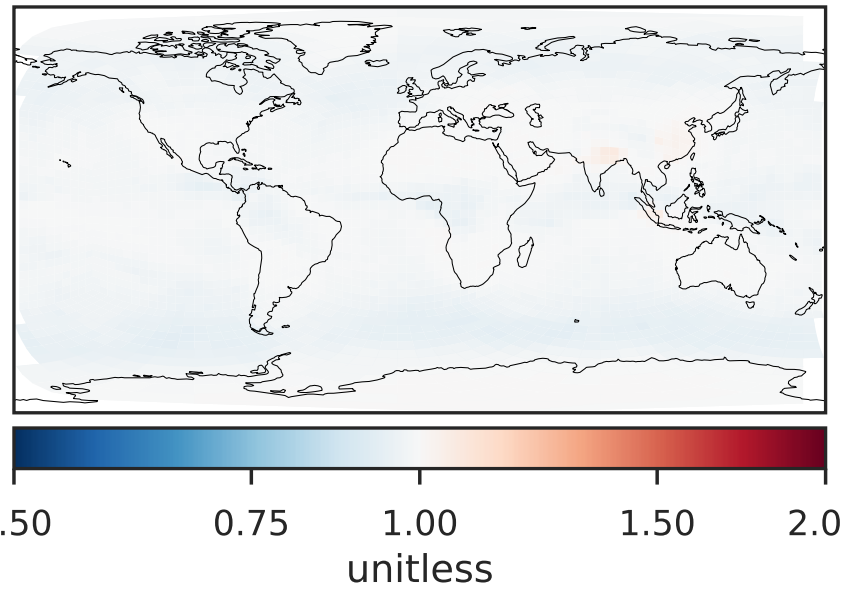
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

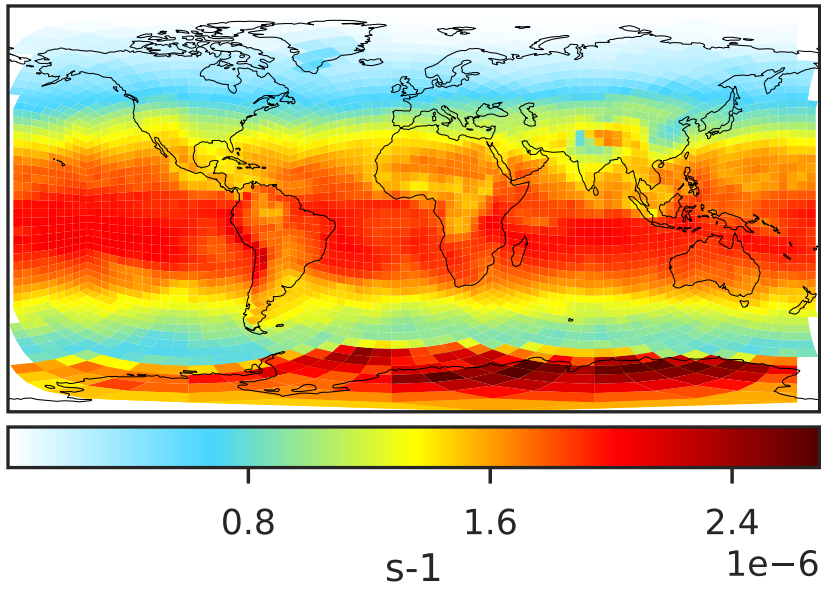


Ratio
Dev/Ref, Fixed Range

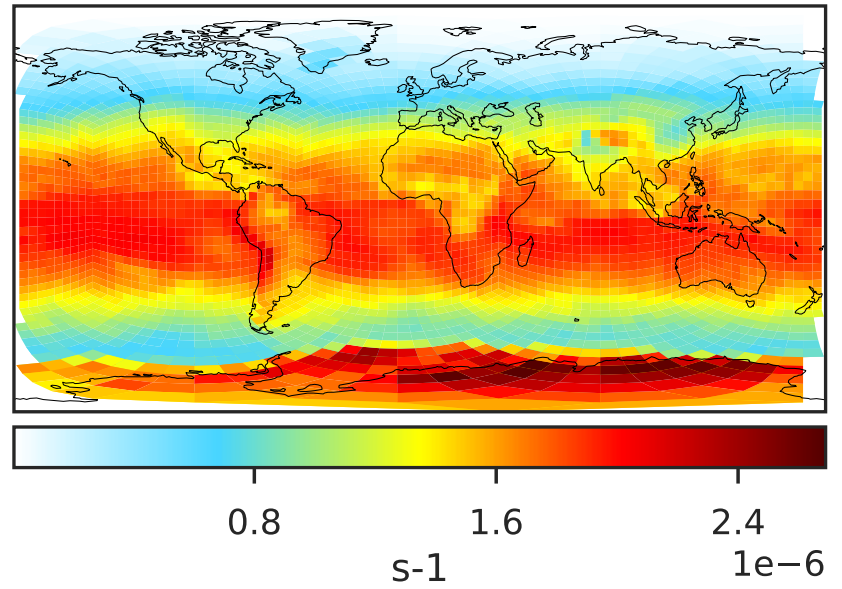


Jval_RA3P (Oct2019)

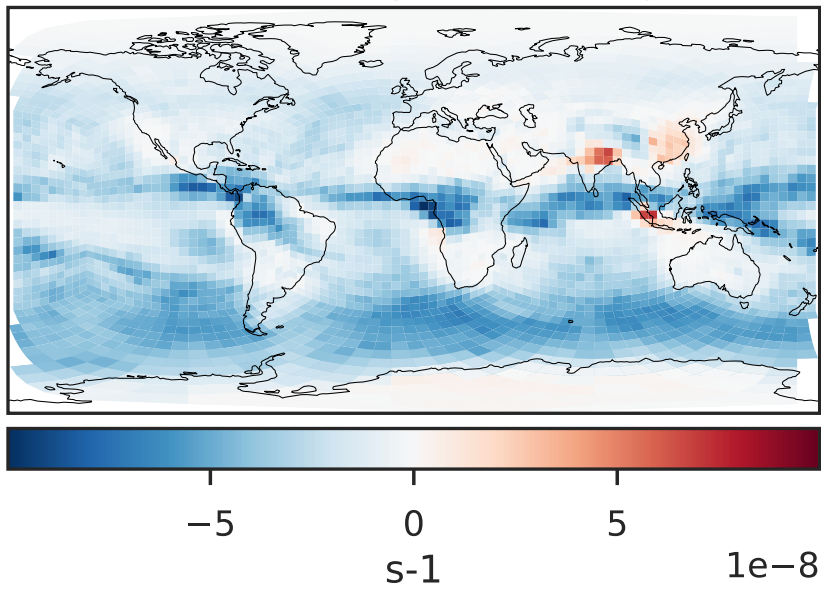
14.2.0-rc.2 (Ref)
c24



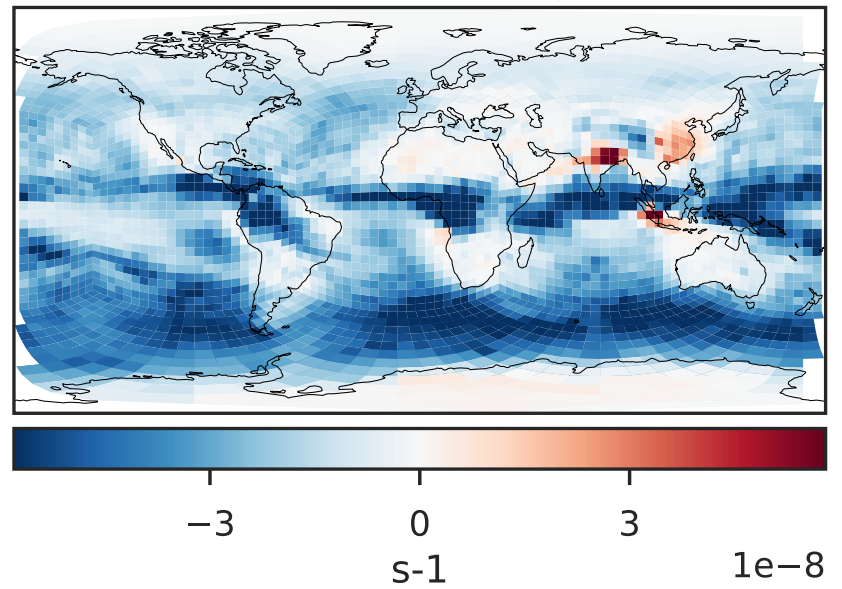
14.3.0-rc.0 (Dev)
c24



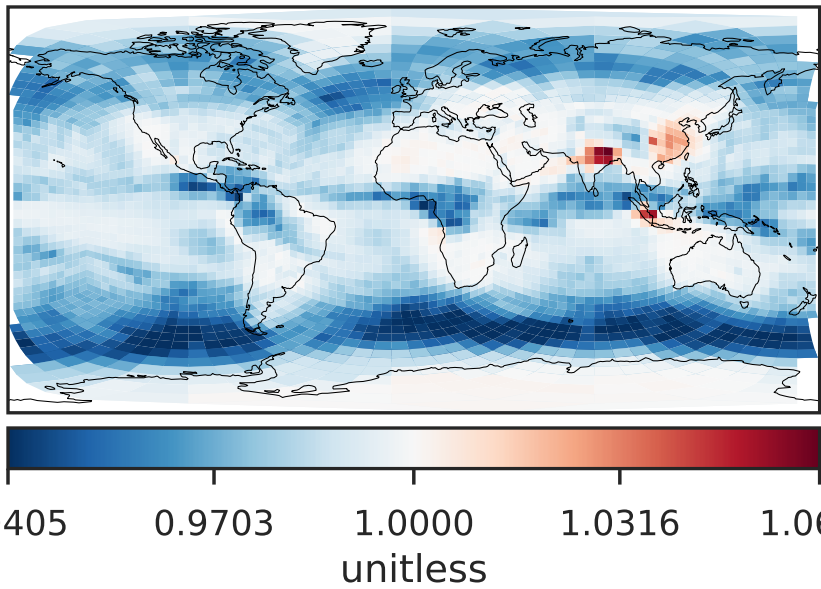
Difference
Dev - Ref, Dynamic Range



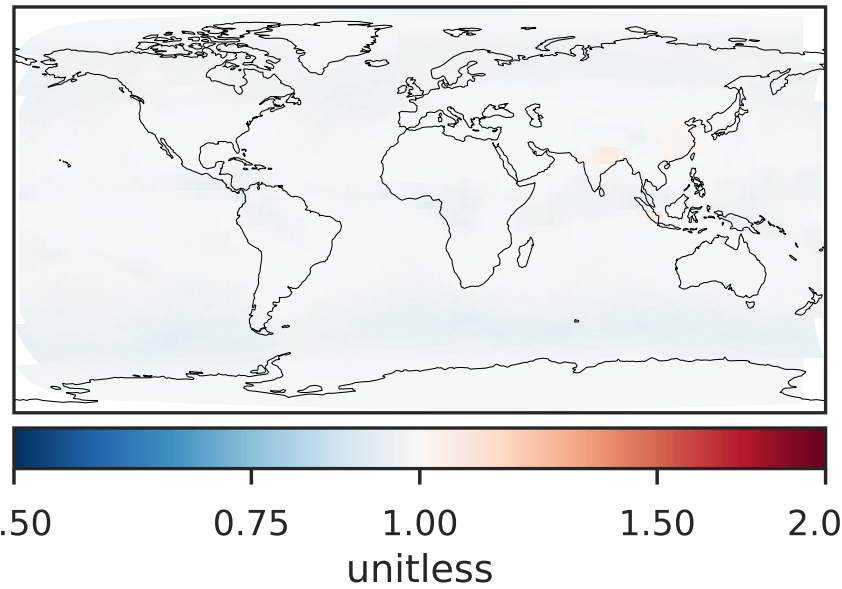
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

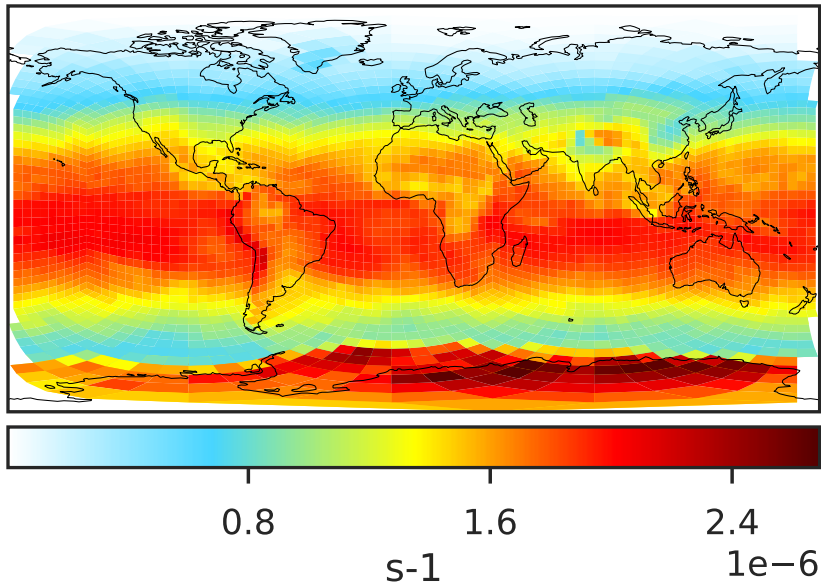


Ratio
Dev/Ref, Fixed Range

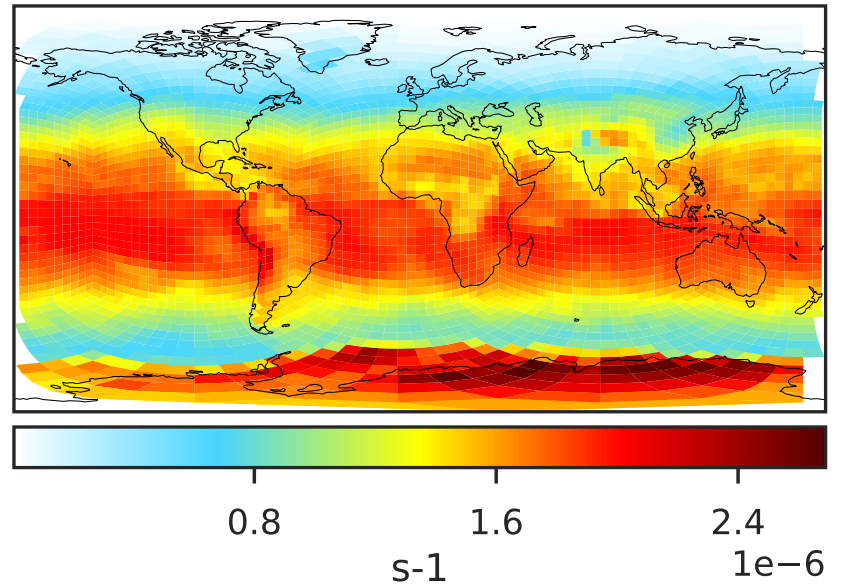


Jval_RB3P (Oct2019)

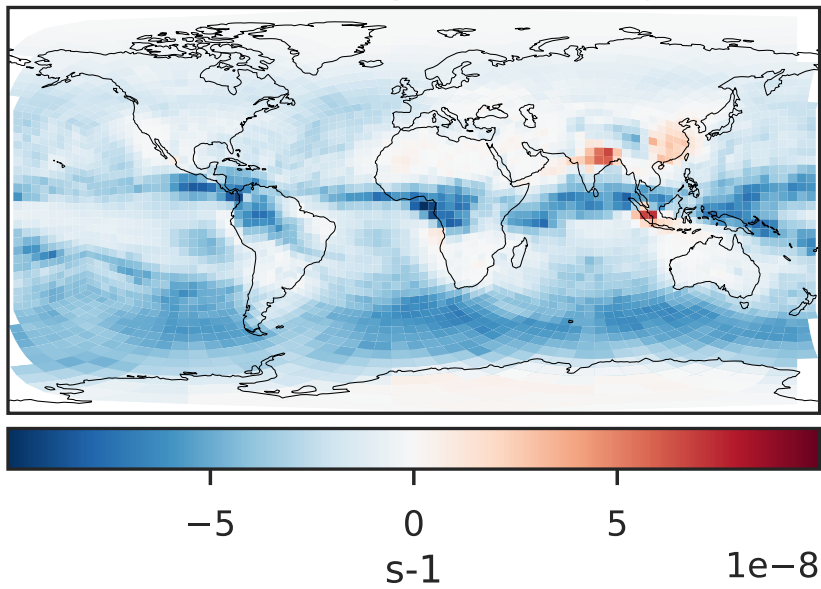
14.2.0-rc.2 (Ref)
c24



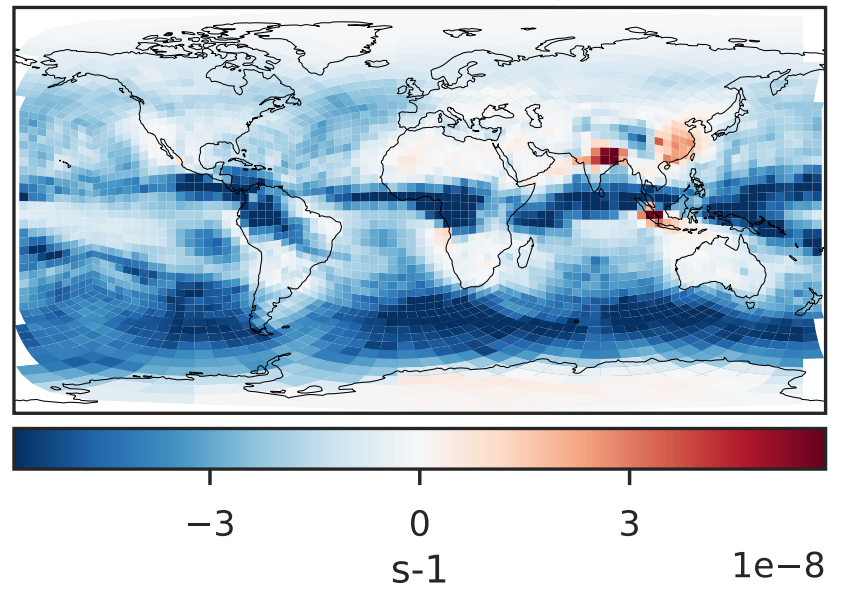
14.3.0-rc.0 (Dev)
c24



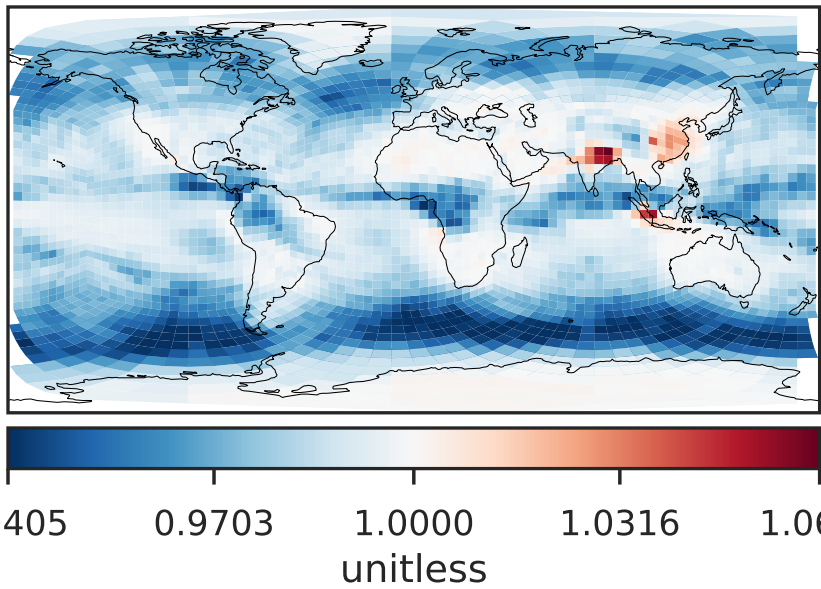
Difference
Dev - Ref, Dynamic Range



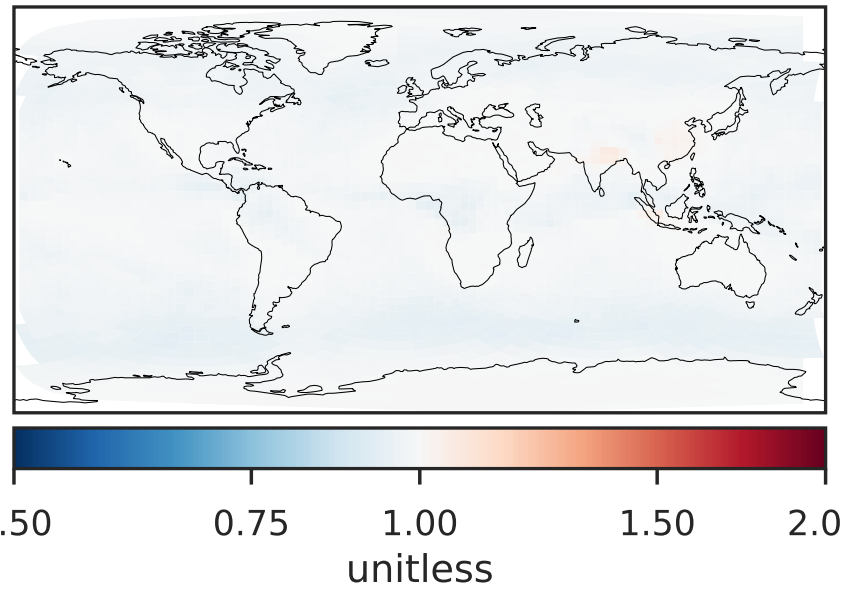
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

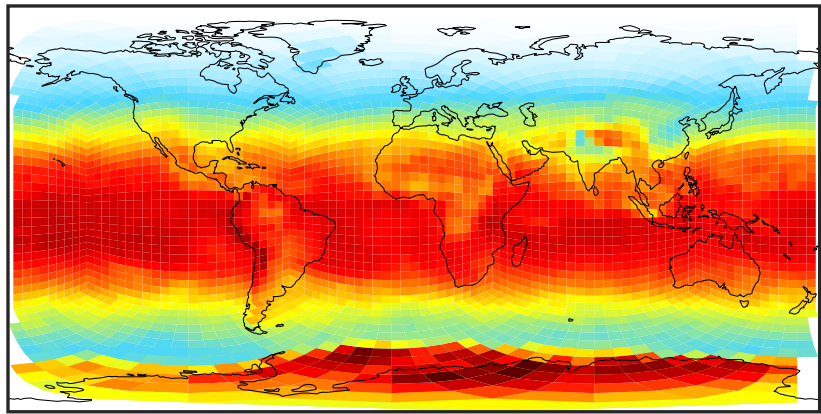


Ratio
Dev/Ref, Fixed Range



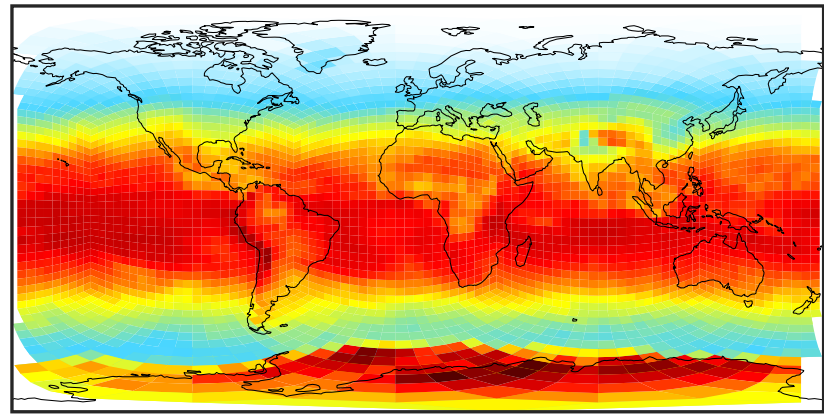
Jval_RCHO (Oct2019)

14.2.0-rc.2 (Ref)
c24



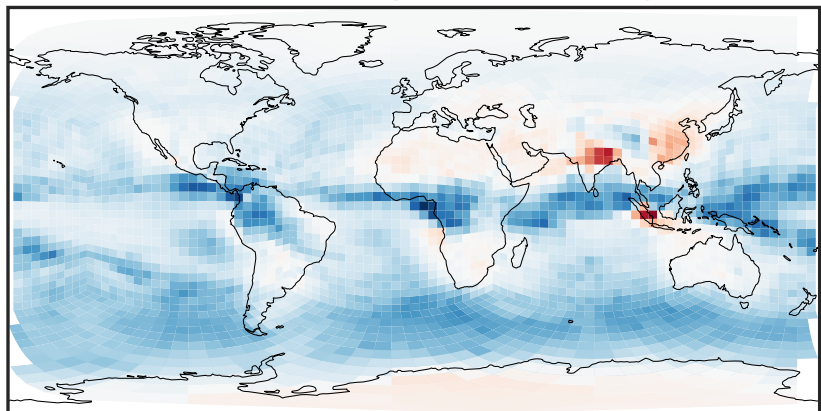
0.5 1.0 1.5
s-1 1e-5

14.3.0-rc.0 (Dev)
c24



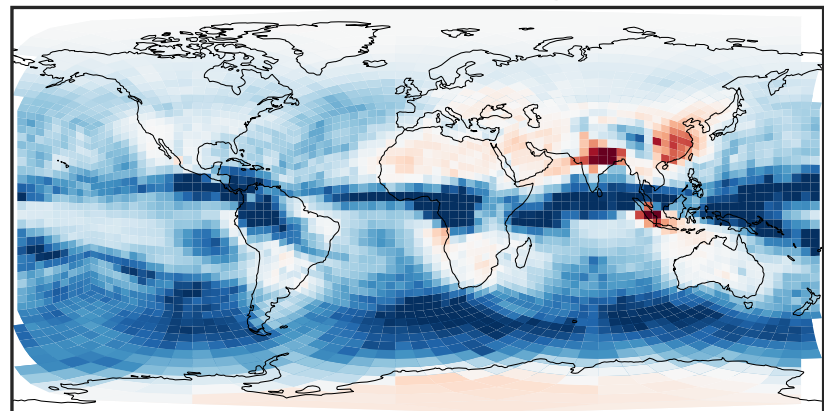
0.5 1.0 1.5
s-1 1e-5

Difference
Dev - Ref, Dynamic Range



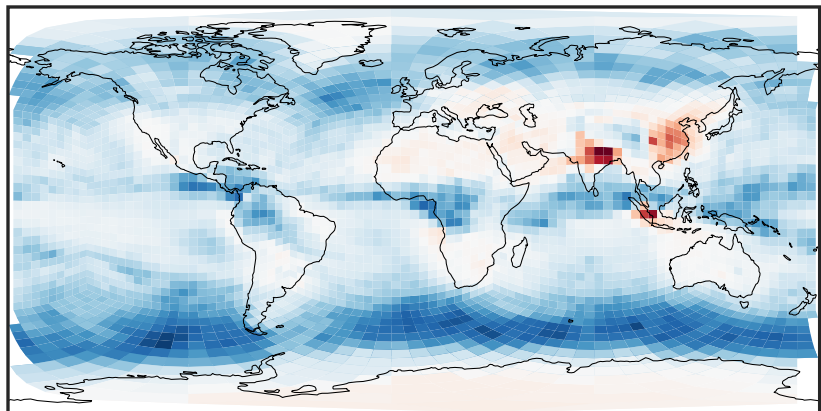
-5 0 5
s-1 1e-7

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



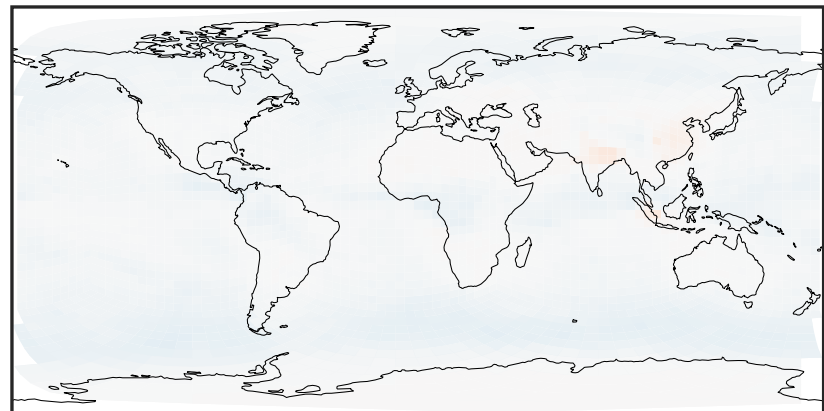
-2.5 0.0 2.5
s-1 1e-7

Ratio
Dev/Ref, Dynamic Range



0.9276 0.9638 1.0000 1.0390 1.0781
unitless

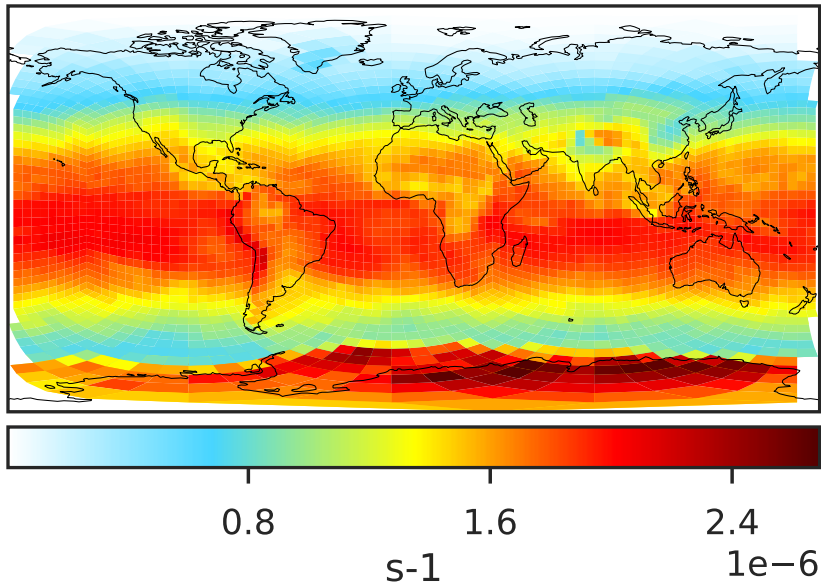
Ratio
Dev/Ref, Fixed Range



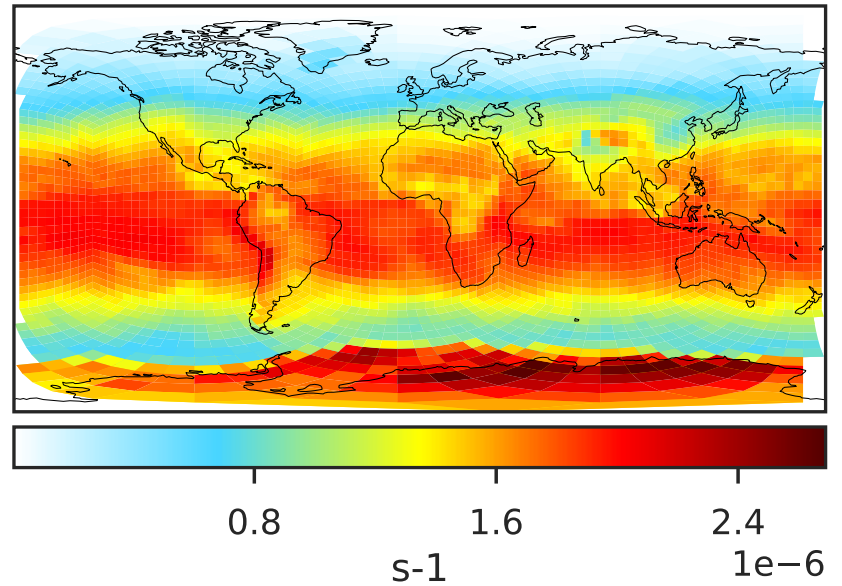
0.50 0.75 1.00 1.50 2.00
unitless

Jval_RIPA (Oct2019)

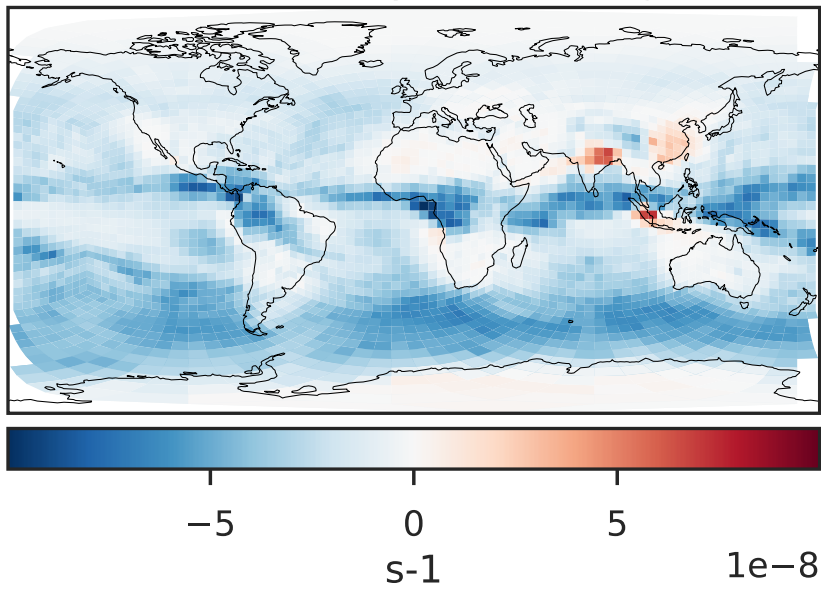
14.2.0-rc.2 (Ref)
c24



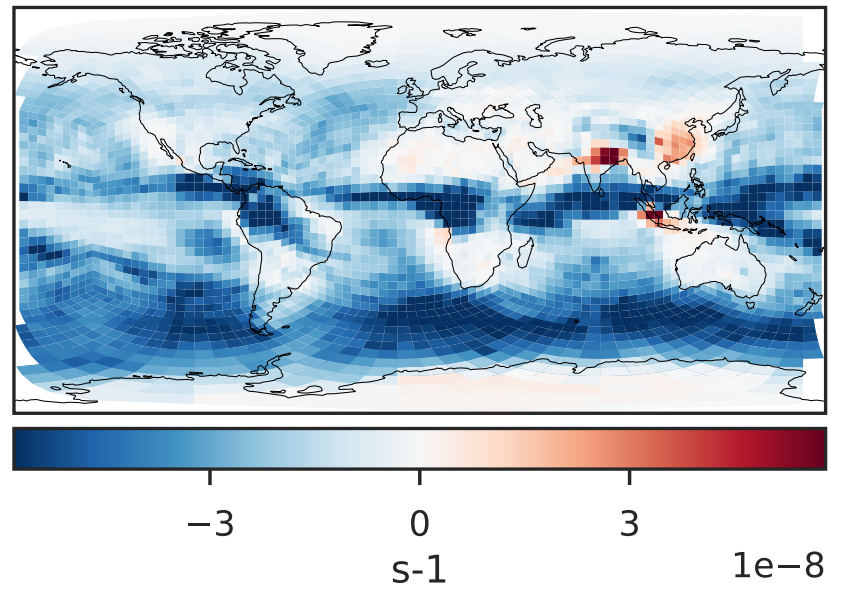
14.3.0-rc.0 (Dev)
c24



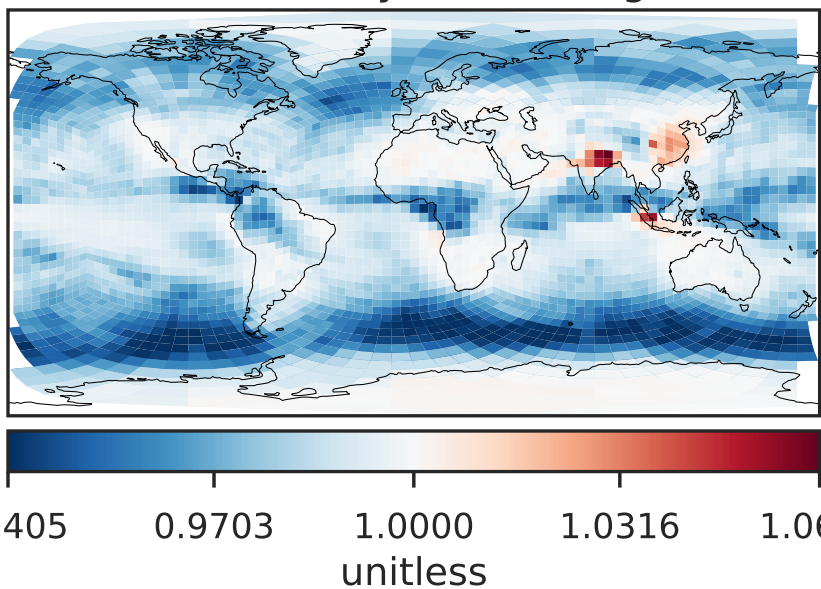
Difference
Dev - Ref, Dynamic Range



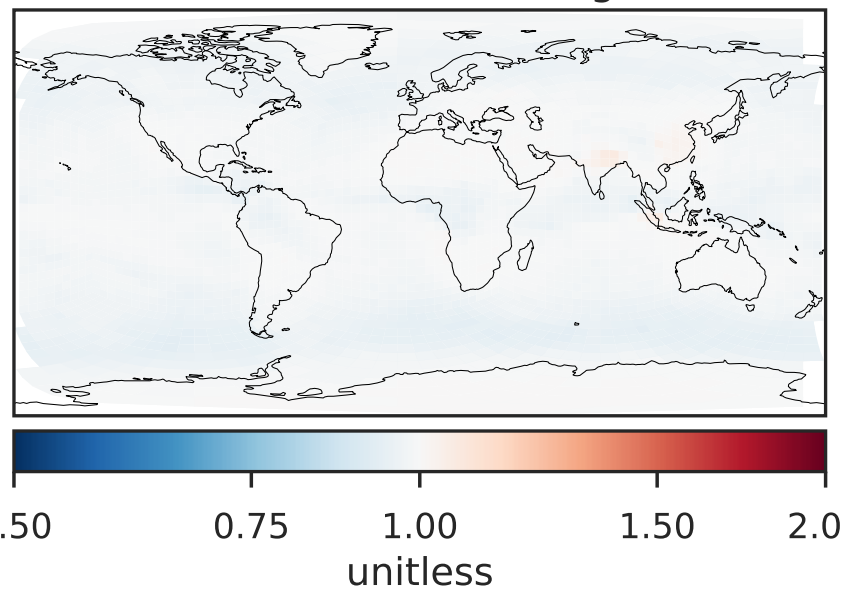
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

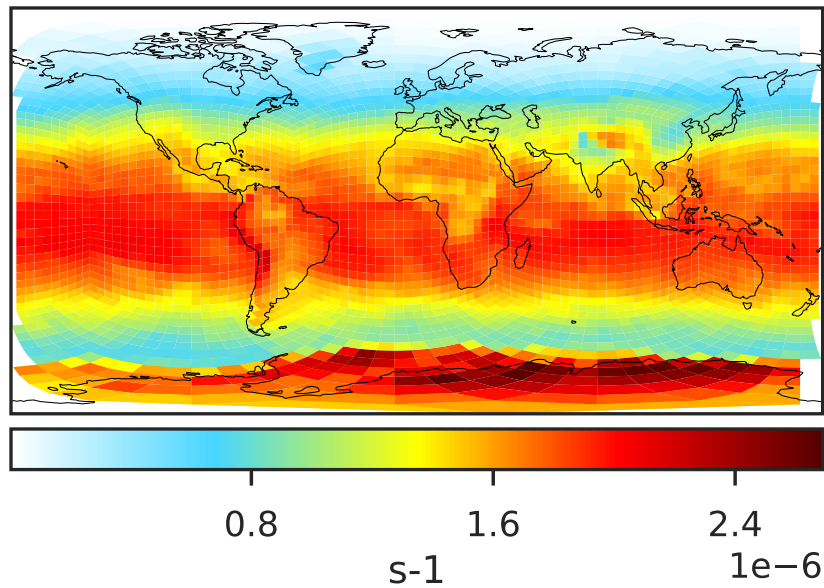


0.9405 0.9703 1.0000 1.0316 1.0632
unitless

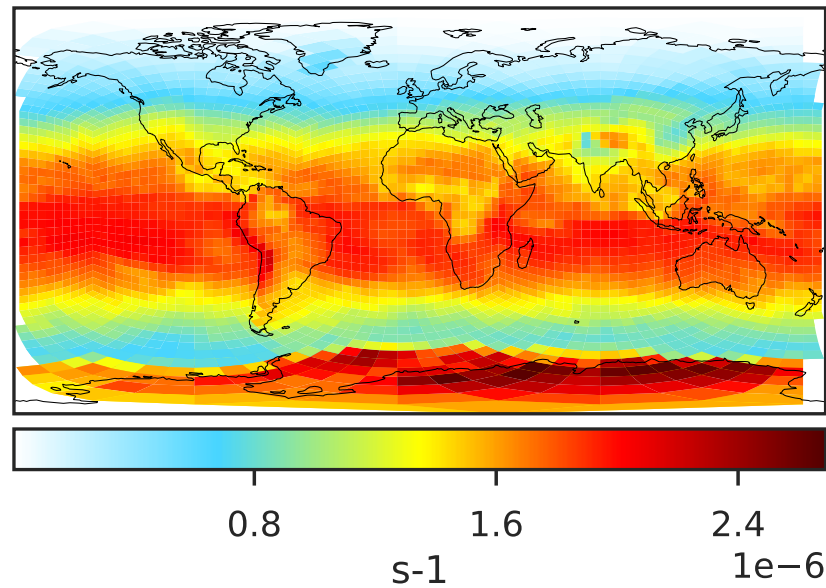
0.50 0.75 1.00 1.50 2.00
unitless

Jval_RIPB (Oct2019)

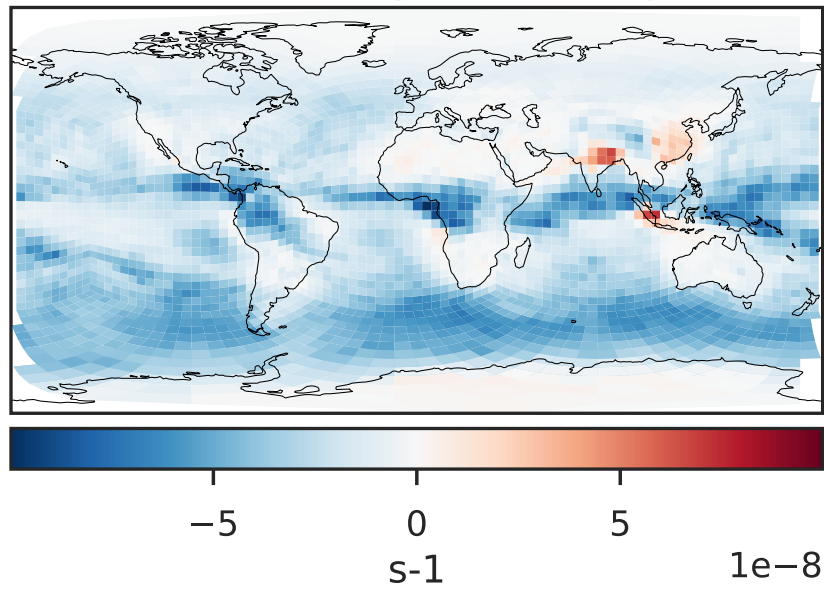
14.2.0-rc.2 (Ref)
c24



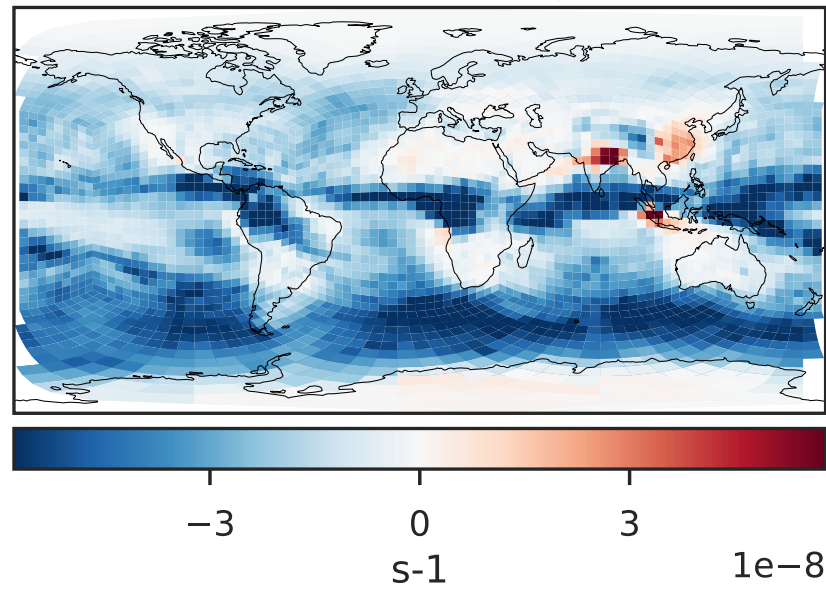
14.3.0-rc.0 (Dev)
c24



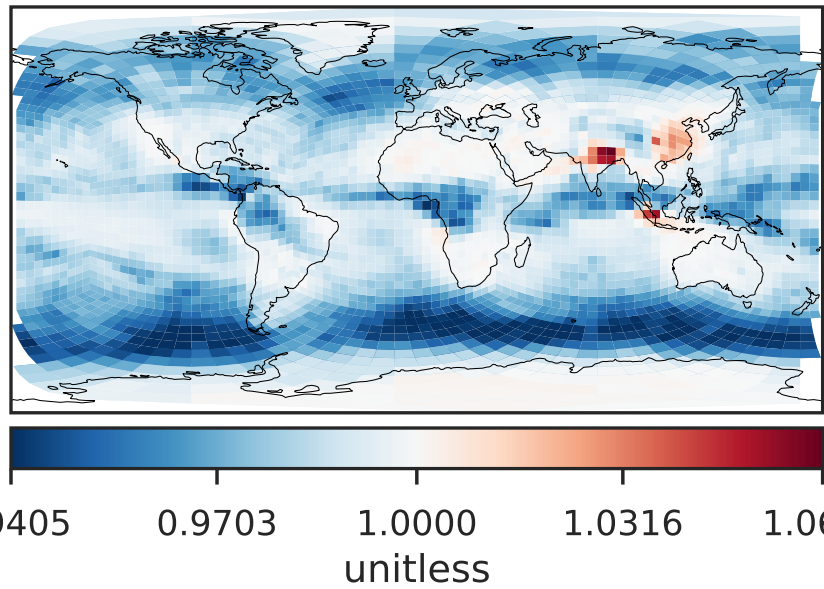
Difference
Dev - Ref, Dynamic Range



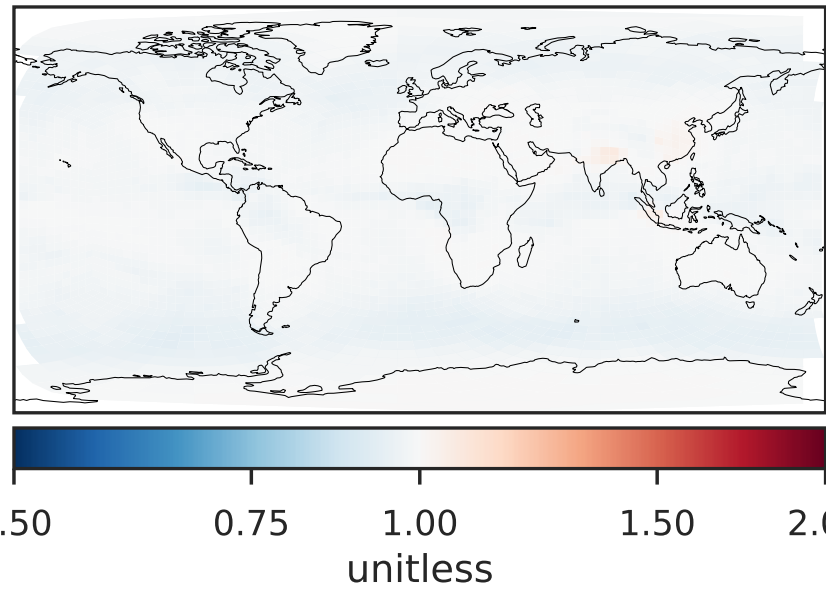
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

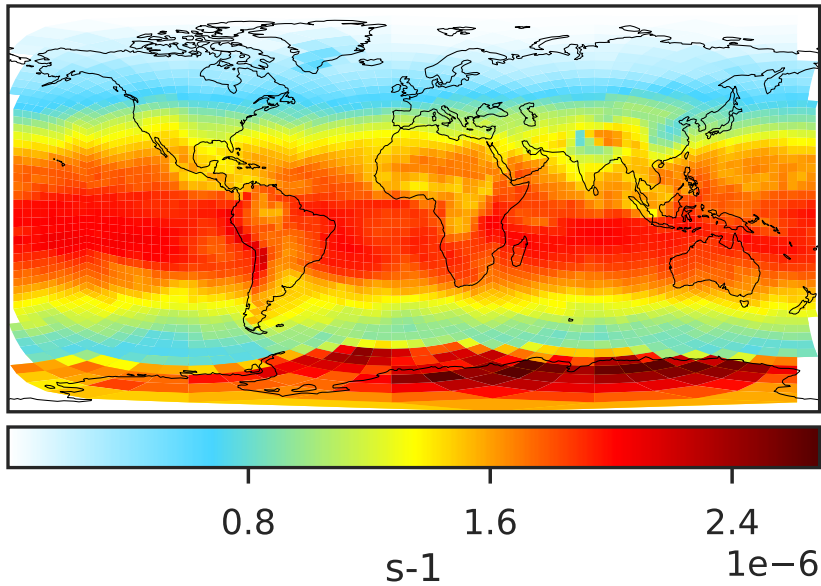


Ratio
Dev/Ref, Fixed Range

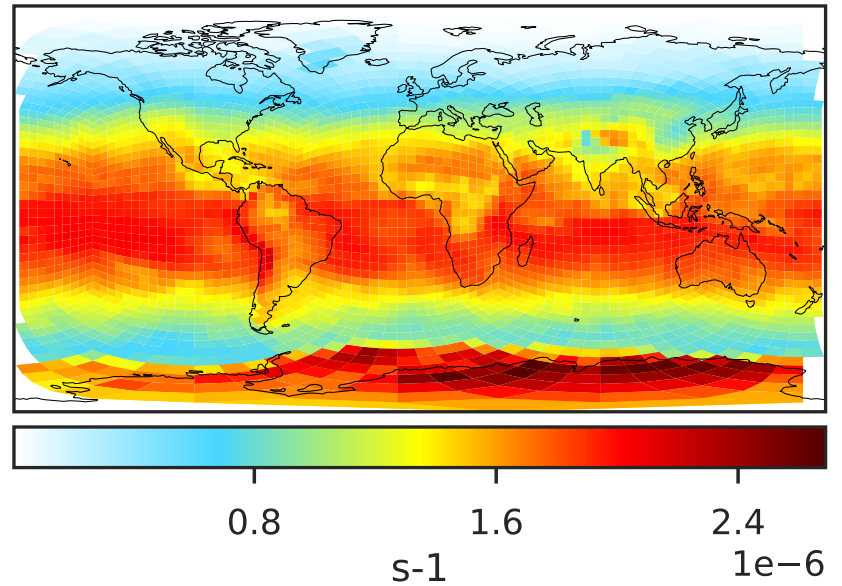


Jval_RIPC (Oct2019)

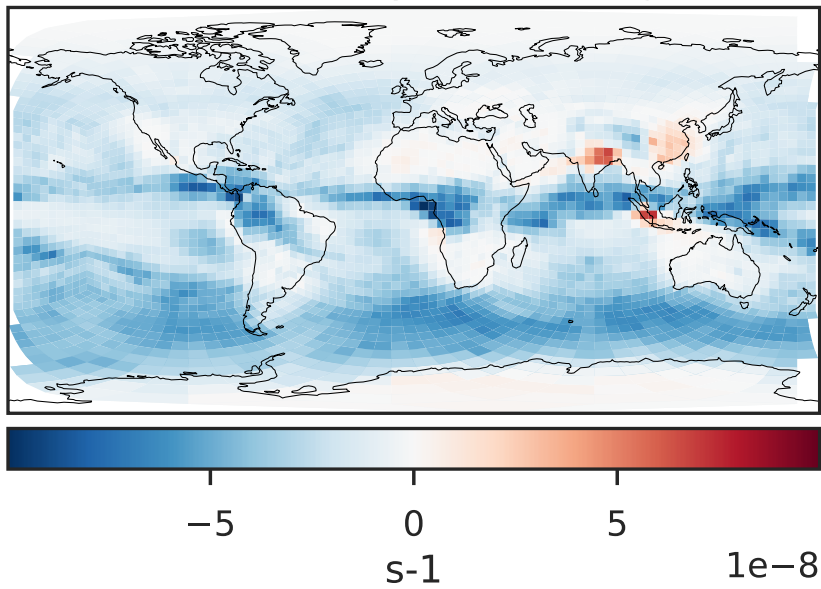
14.2.0-rc.2 (Ref)
c24



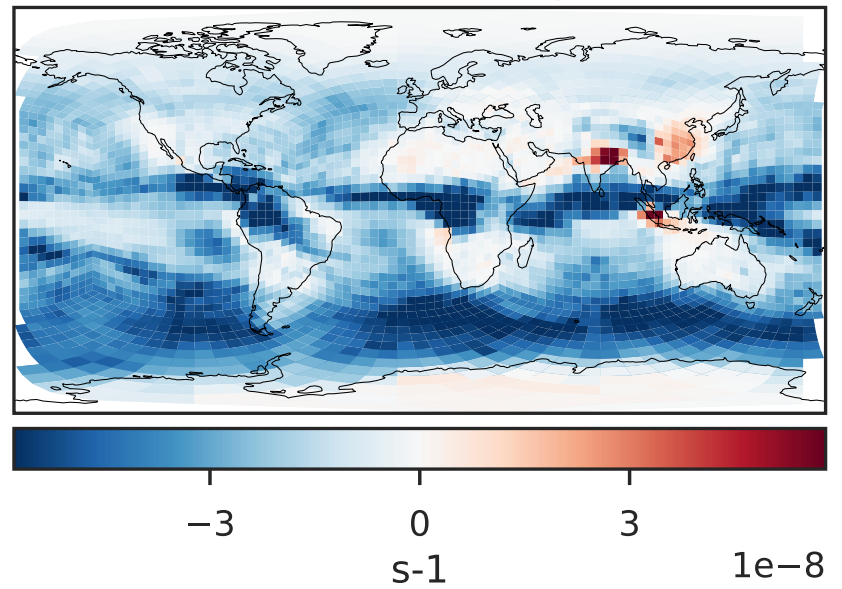
14.3.0-rc.0 (Dev)
c24



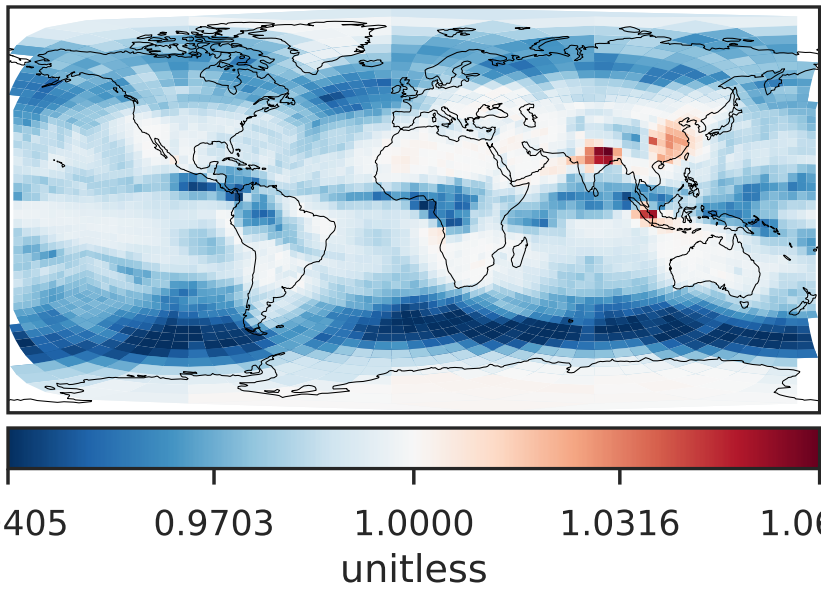
Difference
Dev - Ref, Dynamic Range



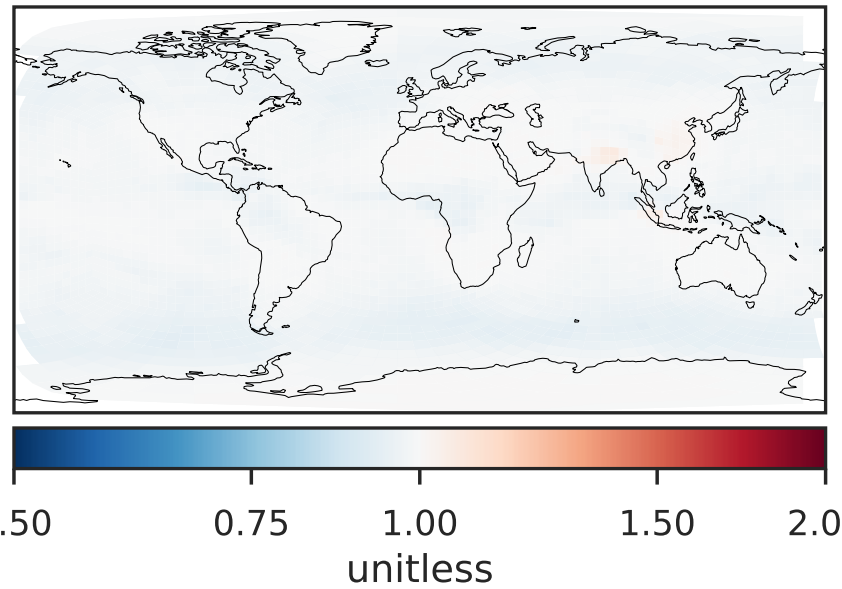
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

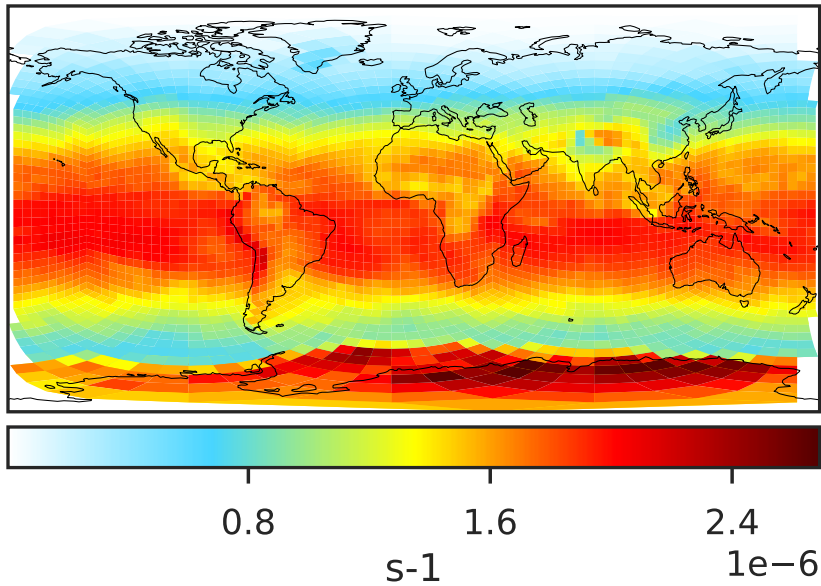


Ratio
Dev/Ref, Fixed Range

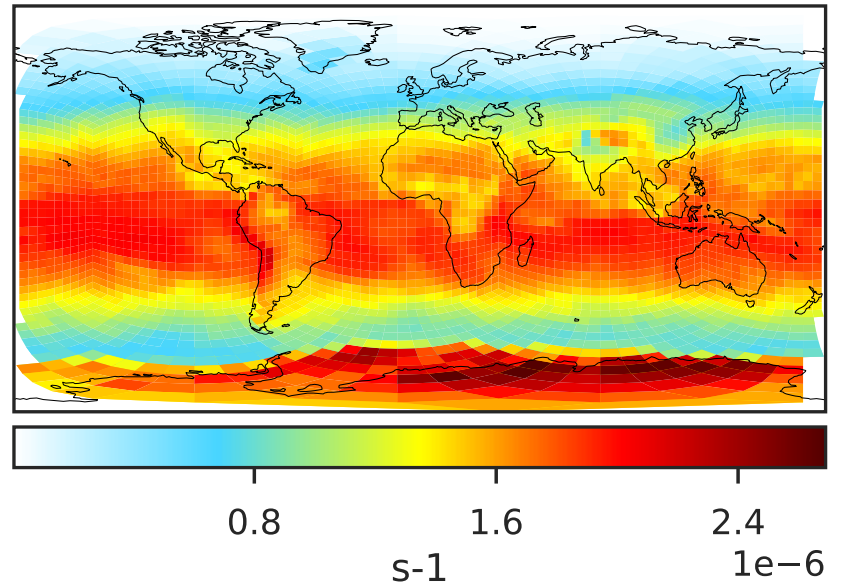


Jval_RIPD (Oct2019)

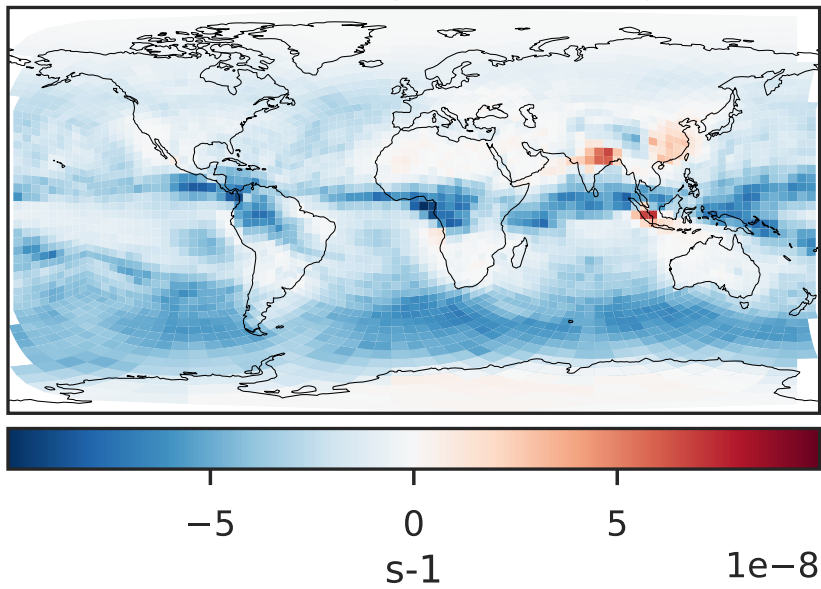
14.2.0-rc.2 (Ref)
c24



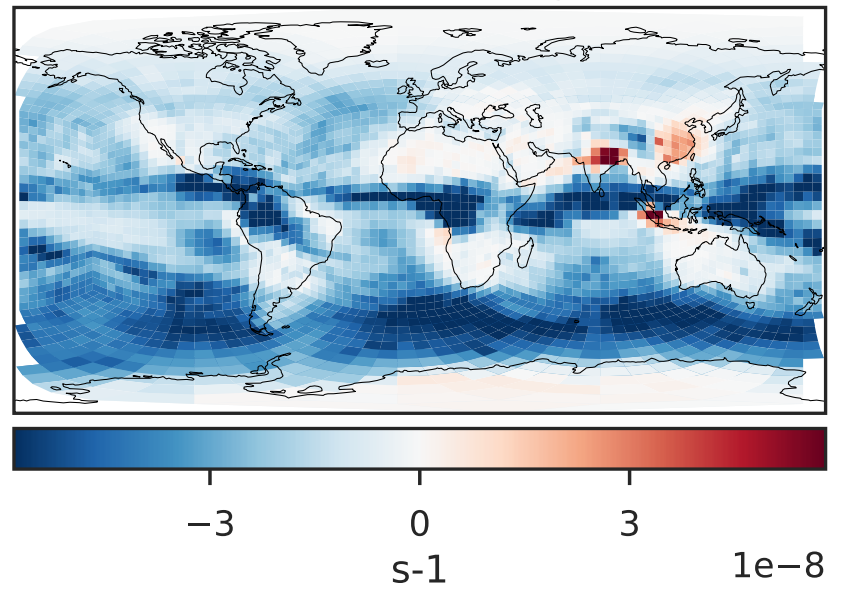
14.3.0-rc.0 (Dev)
c24



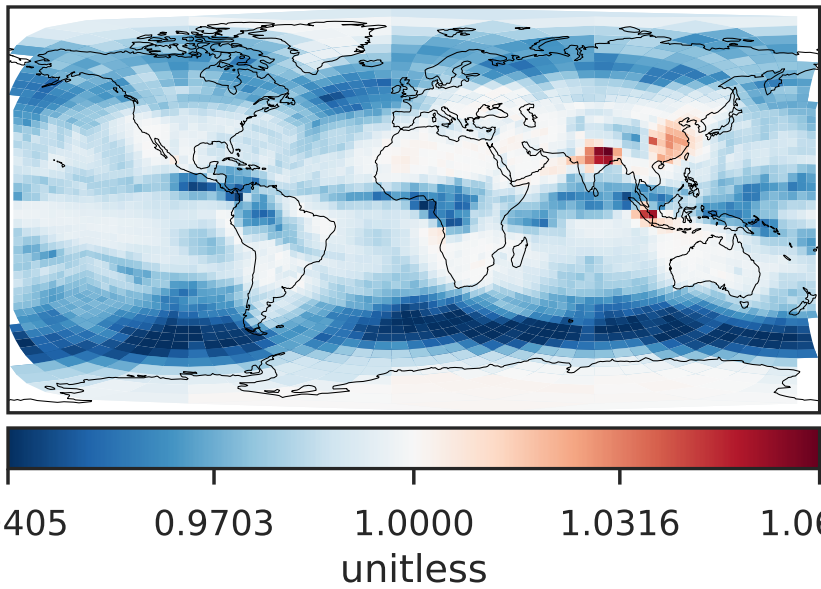
Difference
Dev - Ref, Dynamic Range



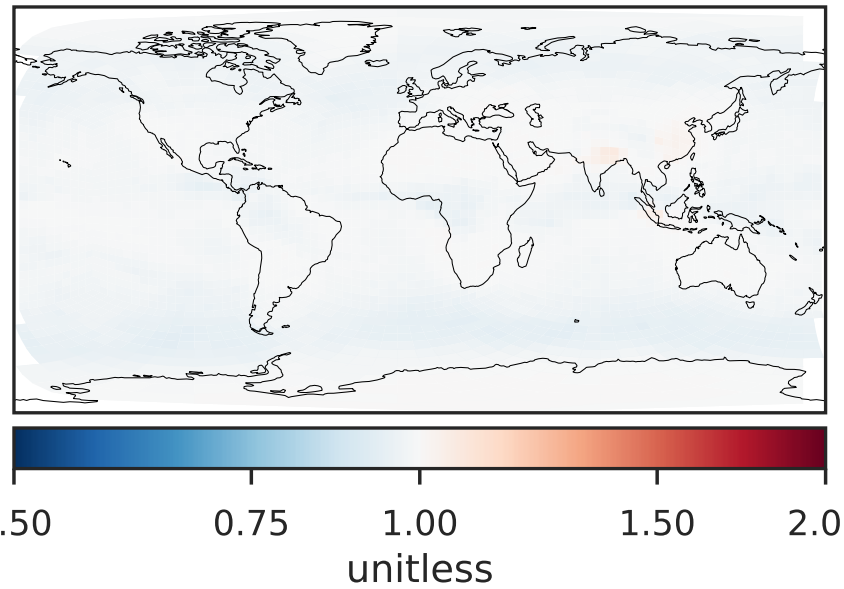
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

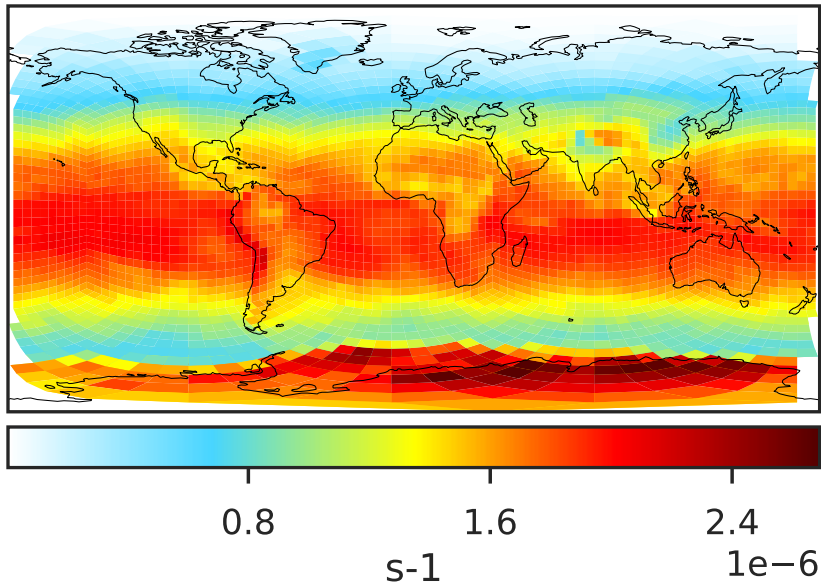


0.9405 0.9703 1.0000 1.0316 1.0632
unitless

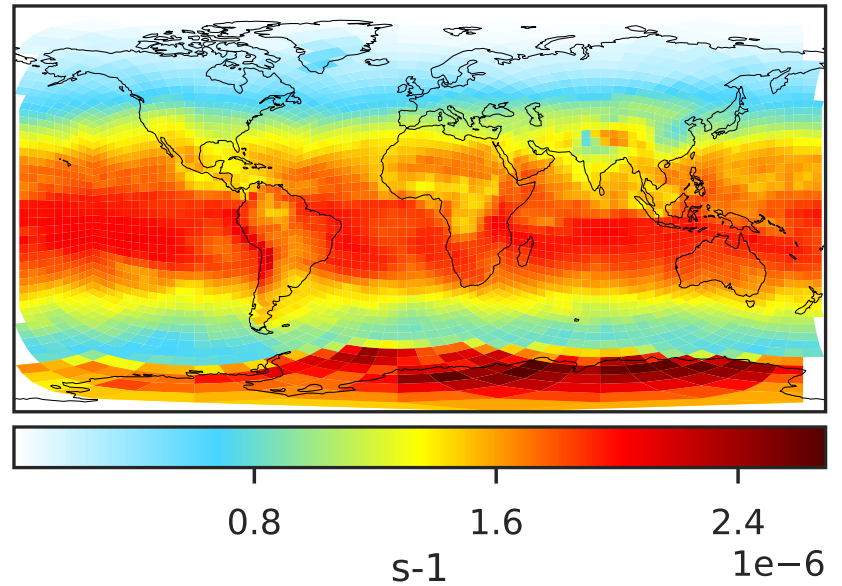
0.50 0.75 1.00 1.50 2.00
unitless

Jval_RP (Oct2019)

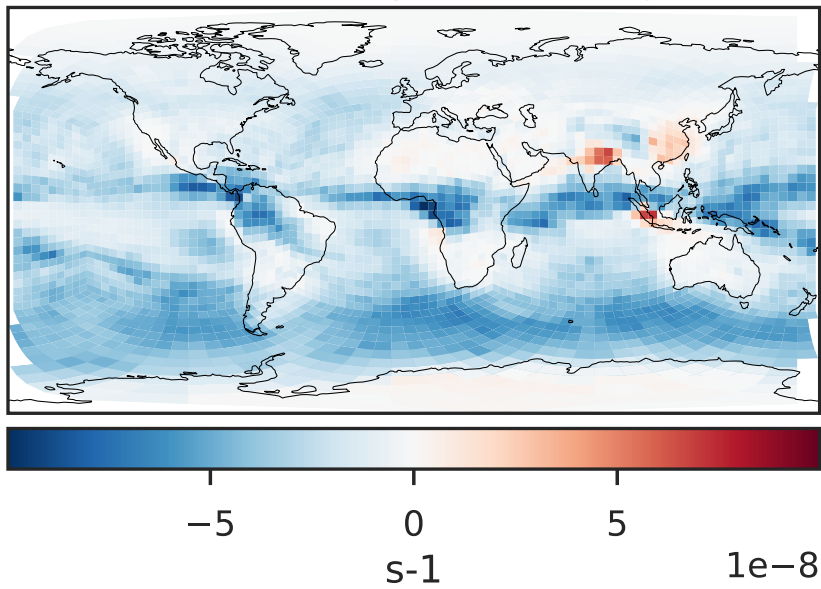
14.2.0-rc.2 (Ref)
c24



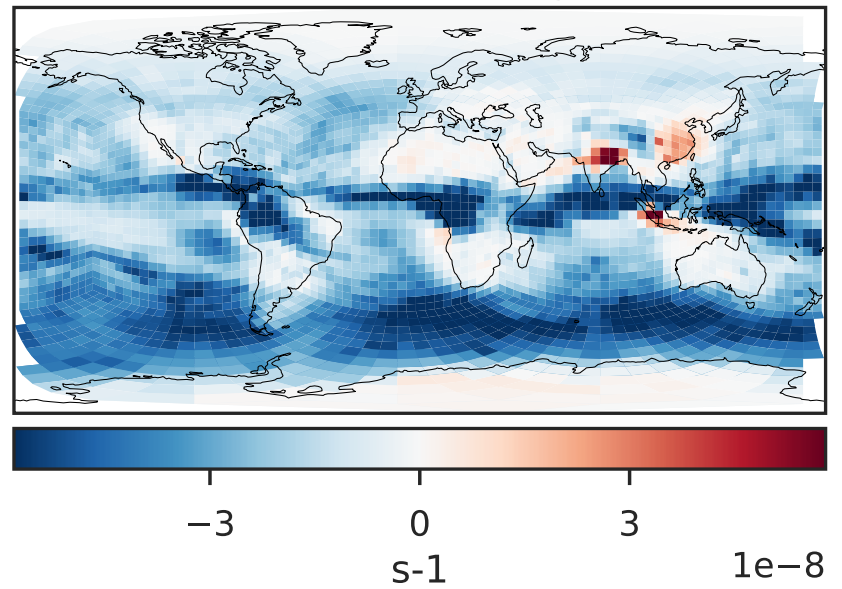
14.3.0-rc.0 (Dev)
c24



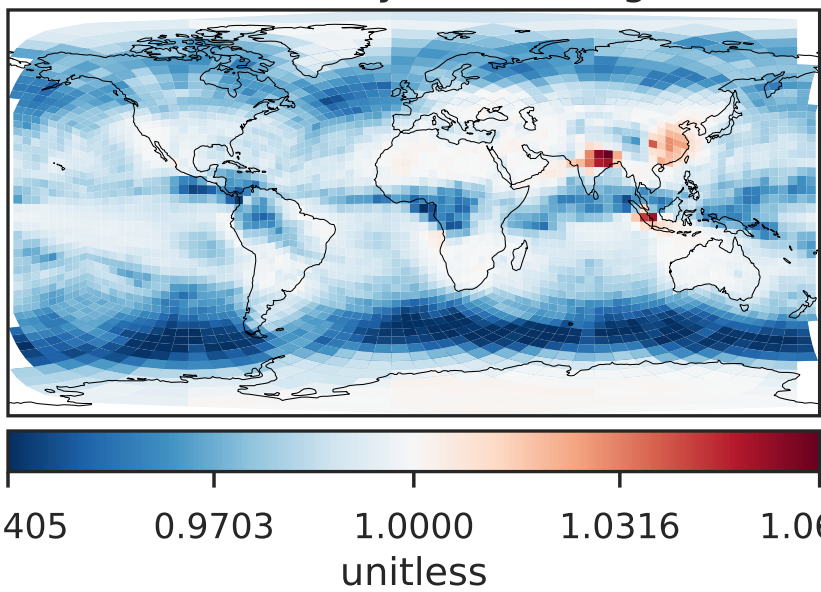
Difference
Dev - Ref, Dynamic Range



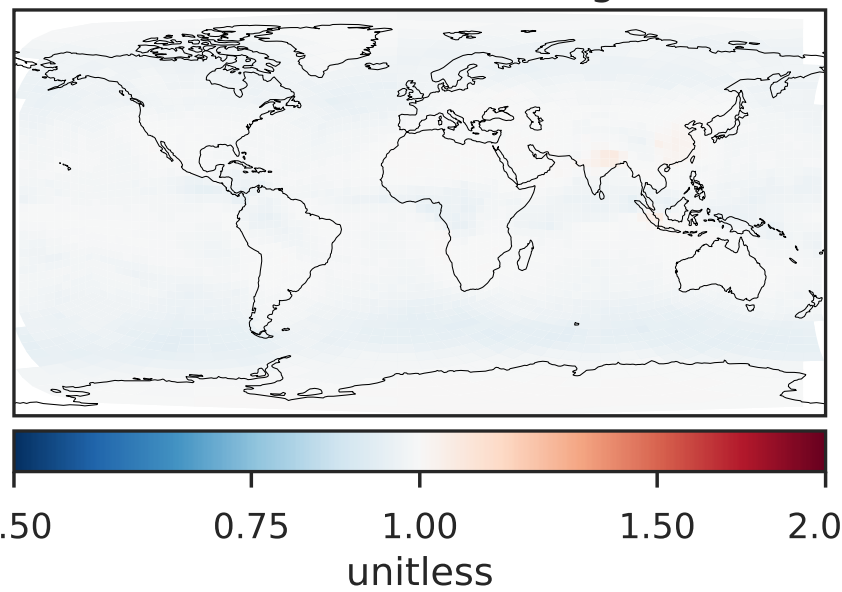
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range



Jval_SO4 (Oct2019)

14.2.0-rc.2 (Ref)
c24



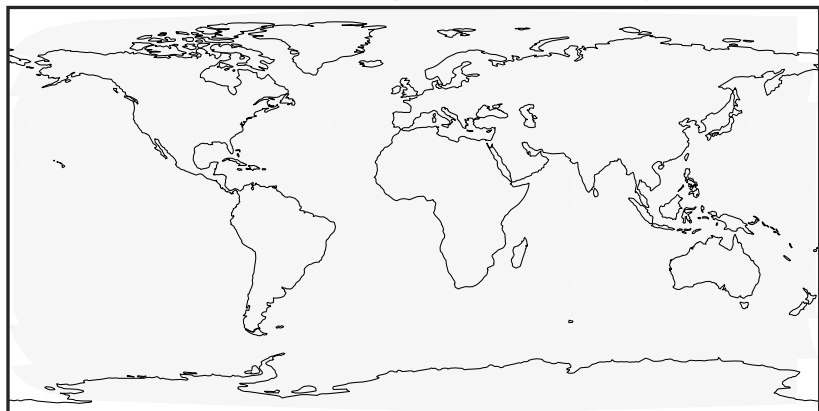
Zero throughout domain
s-1

14.3.0-rc.0 (Dev)
c24



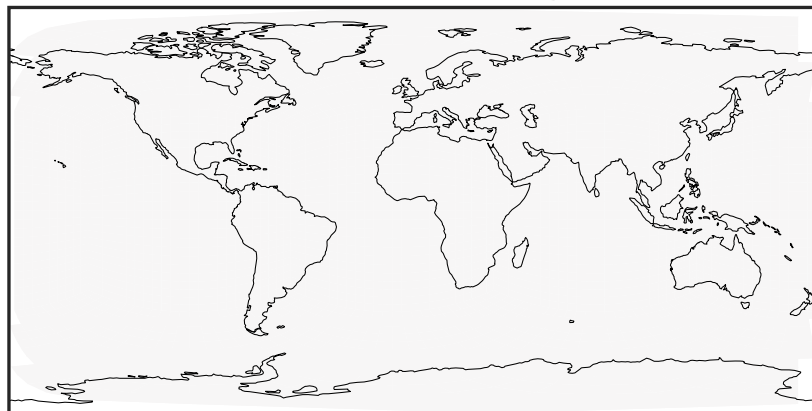
Zero throughout domain
s-1

Difference
Dev - Ref, Dynamic Range



Zero throughout domain
s-1

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



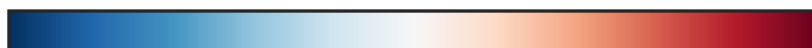
Zero throughout domain
s-1

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range



Undefined throughout domain
unitless