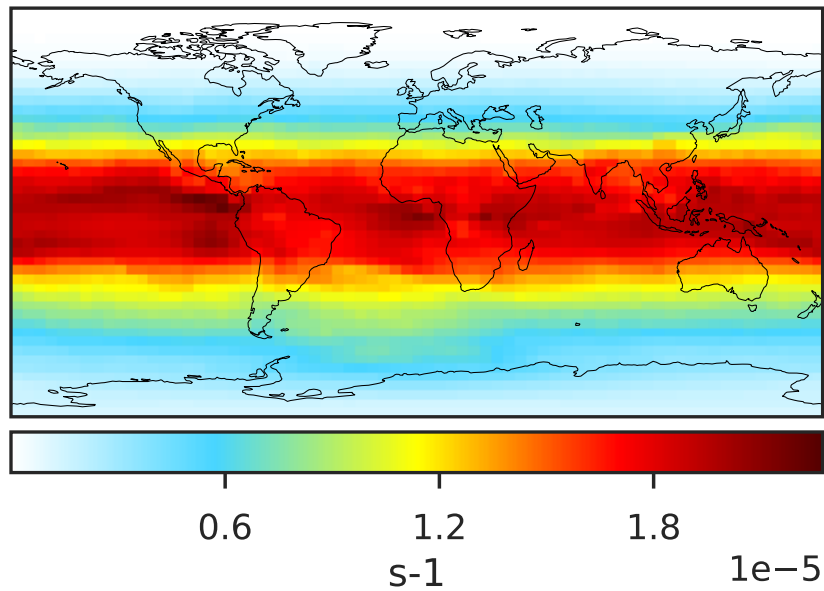
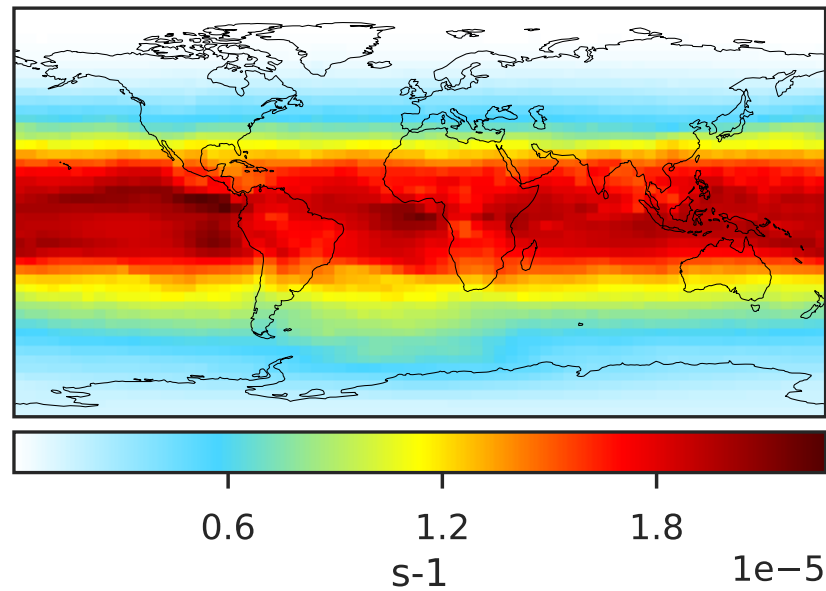


JvalO301D (Oct2019)

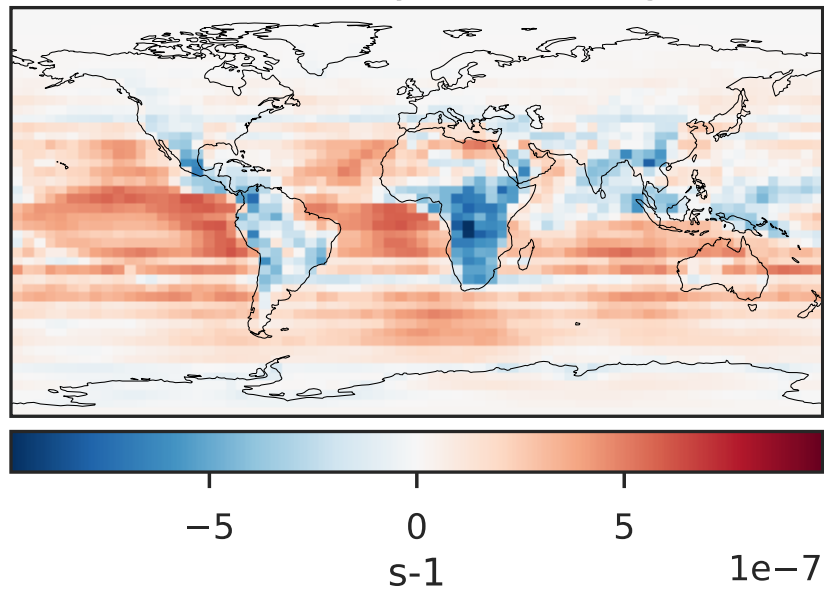
14.2.0-rc.2 (Ref)
4.0x5.0



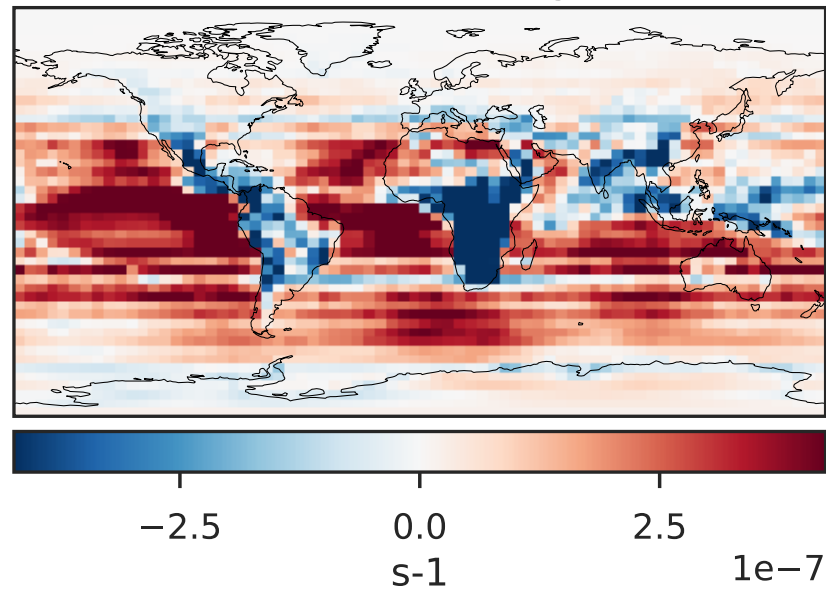
14.3.0-rc.0 (Dev)
4.0x5.0



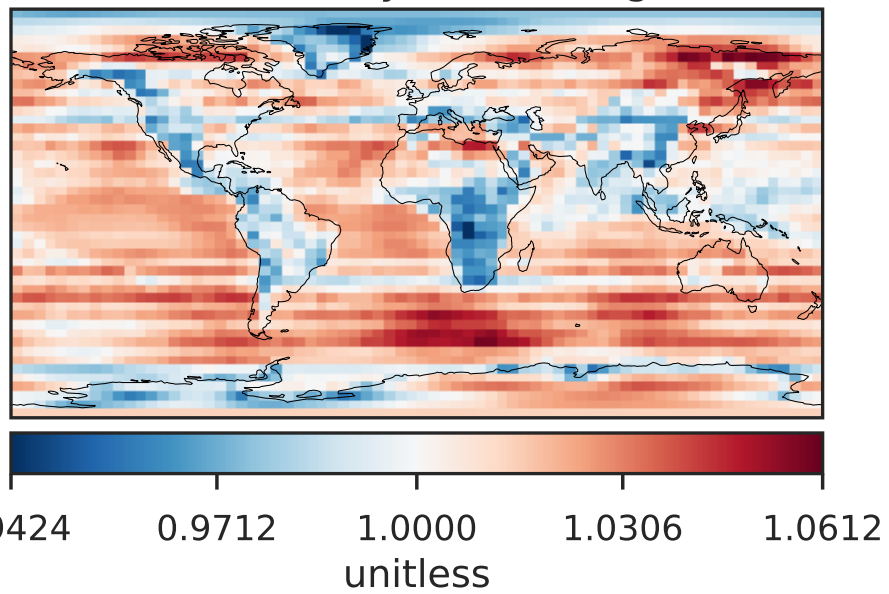
Difference
Dev - Ref, Dynamic Range



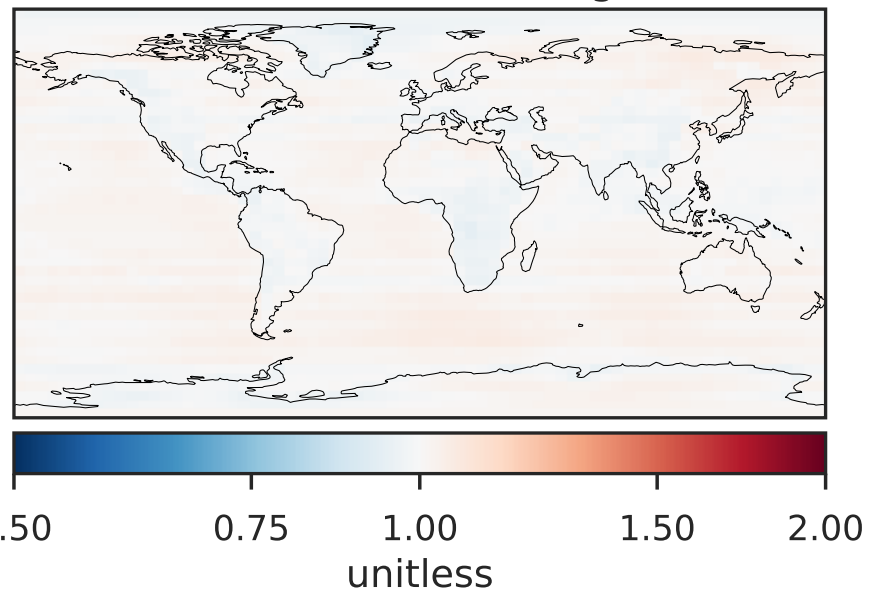
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

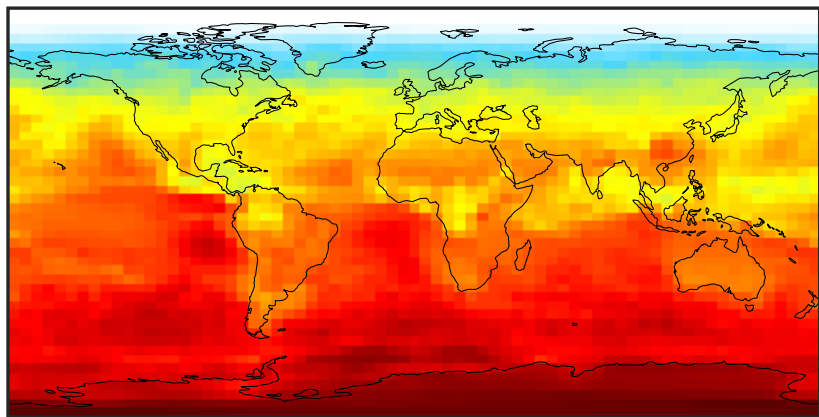


Ratio
Dev/Ref, Fixed Range



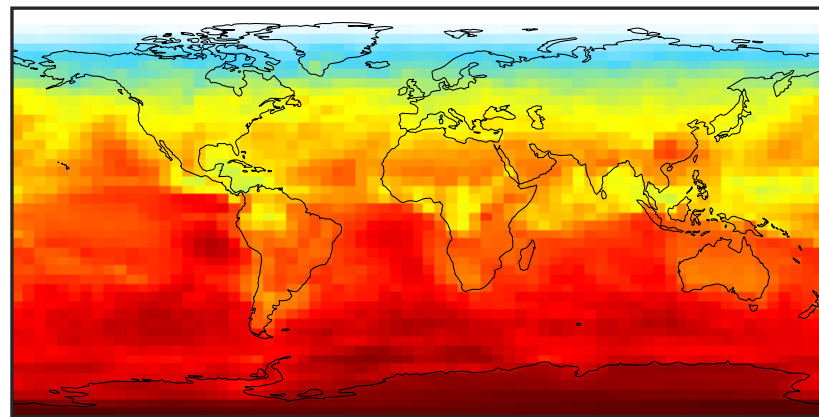
JvalO3O3P (Oct2019)

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



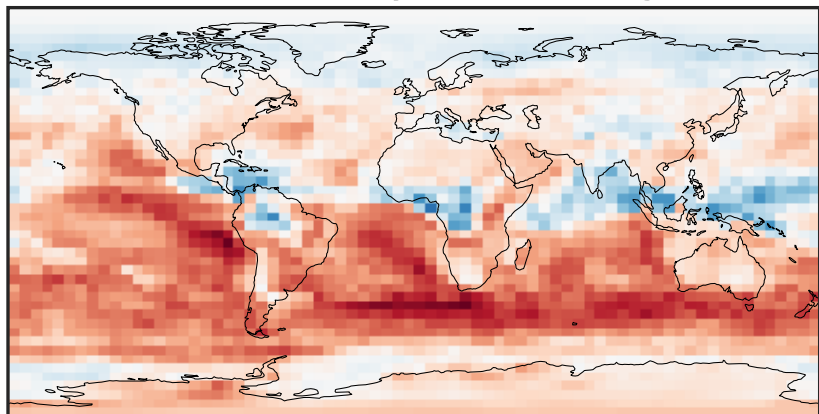
0.0001 0.0002 0.0003
s-1

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



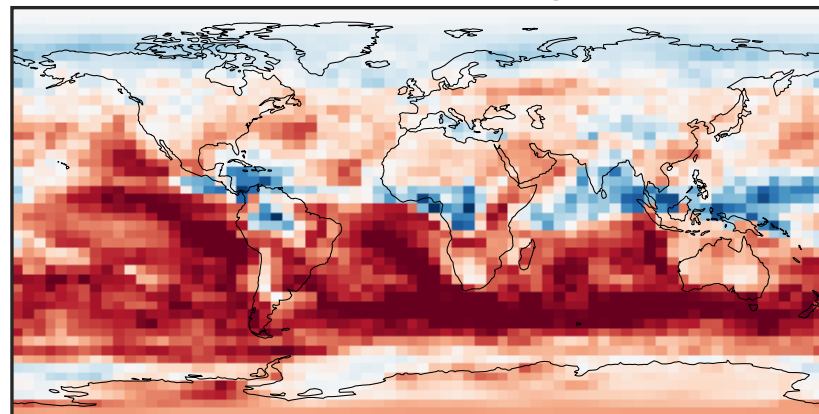
0.0001 0.0002 0.0003
s-1

Difference
Dev - Ref, Dynamic Range



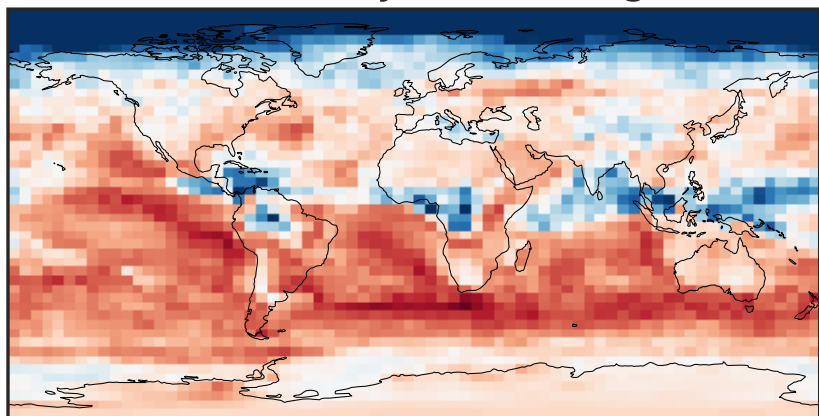
-6 0 6
s-1 1e-6

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



-4 0 4
s-1 1e-6

Ratio
Dev/Ref, Dynamic Range



0.96034 0.98017 1.00000 1.02065 1.04129
unitless

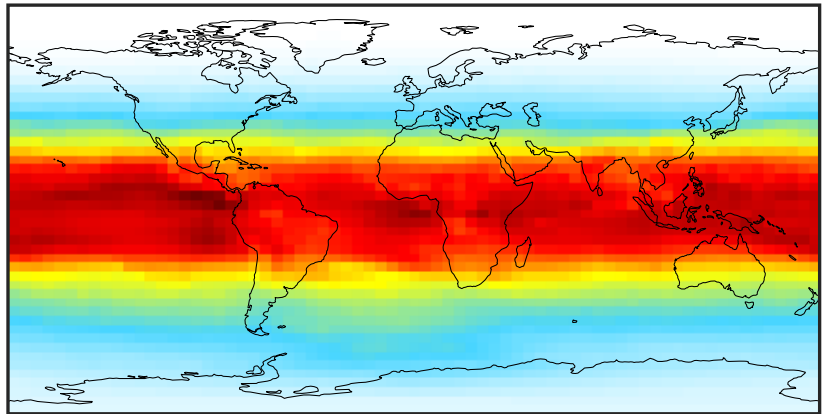
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

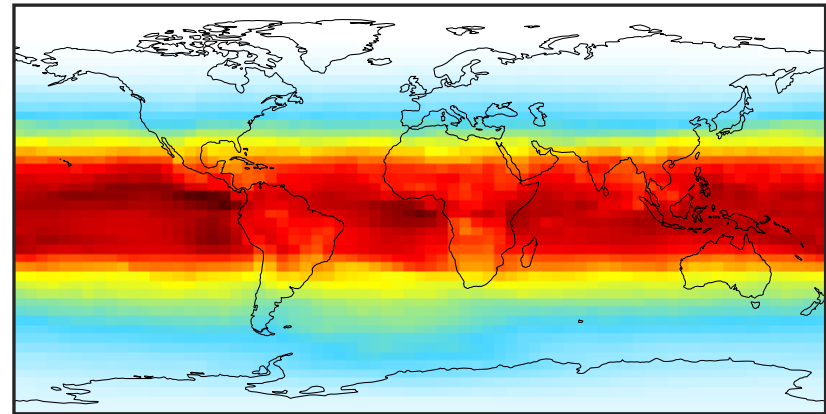
Jval_ACET (Oct2019)

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



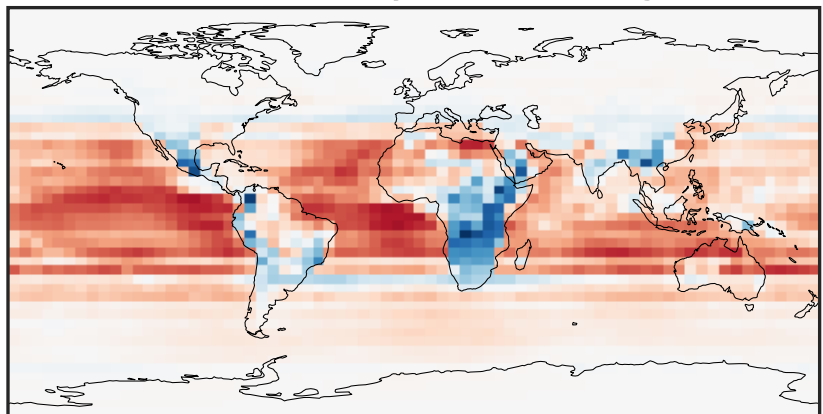
1.5 3.0 4.5
s-1 $1e-7$

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



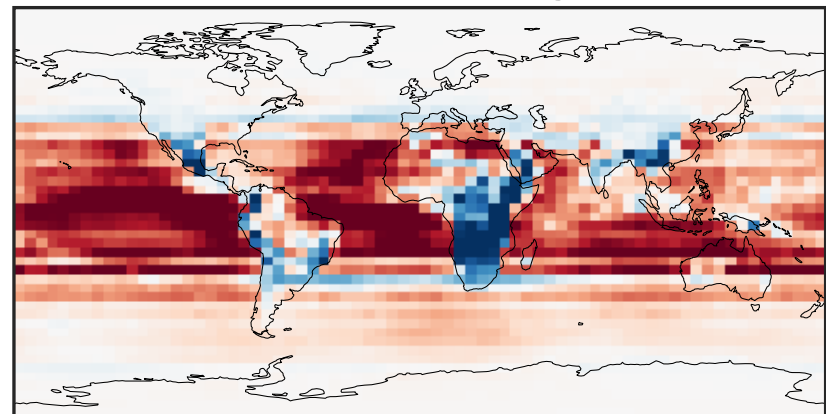
1.5 3.0 4.5
s-1 $1e-7$

Difference
Dev - Ref, Dynamic Range



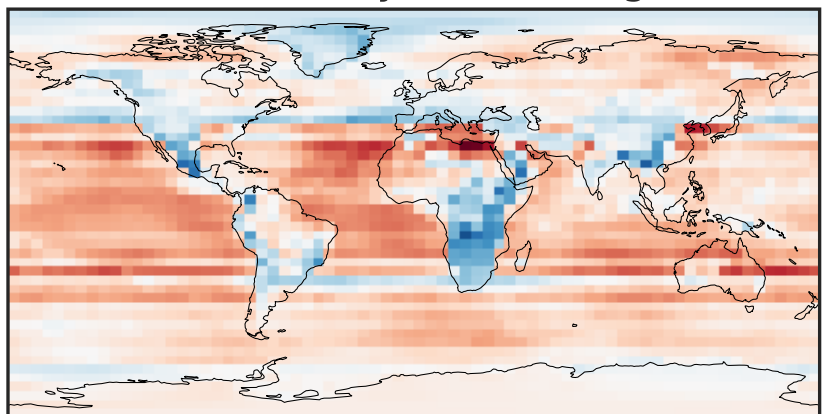
-1.5 0.0 1.5
s-1 $1e-8$

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



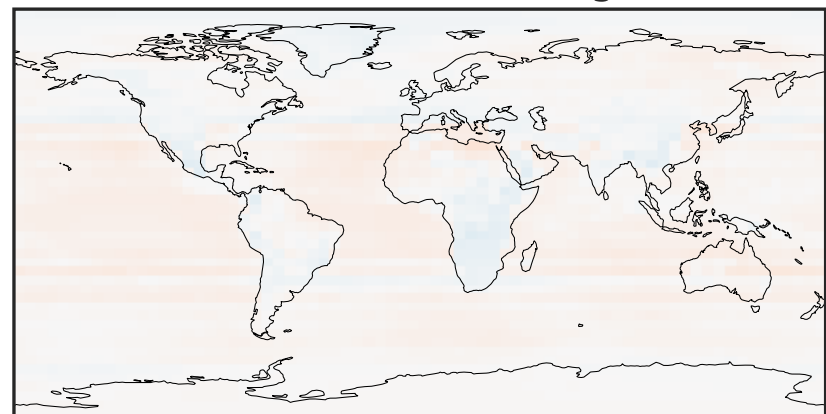
-8 0 8
s-1 $1e-9$

Ratio
Dev/Ref, Dynamic Range



0.9073 0.9537 1.0000 1.0511 1.1022
unitless

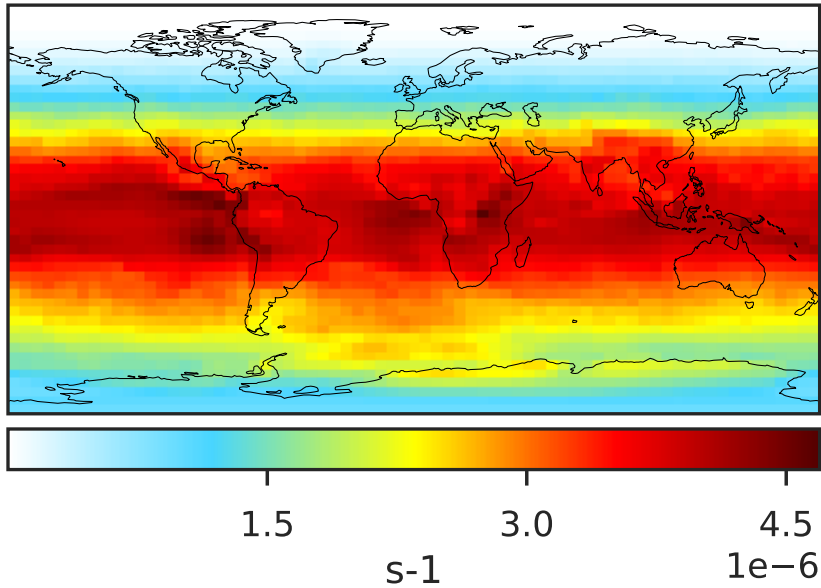
Ratio
Dev/Ref, Fixed Range



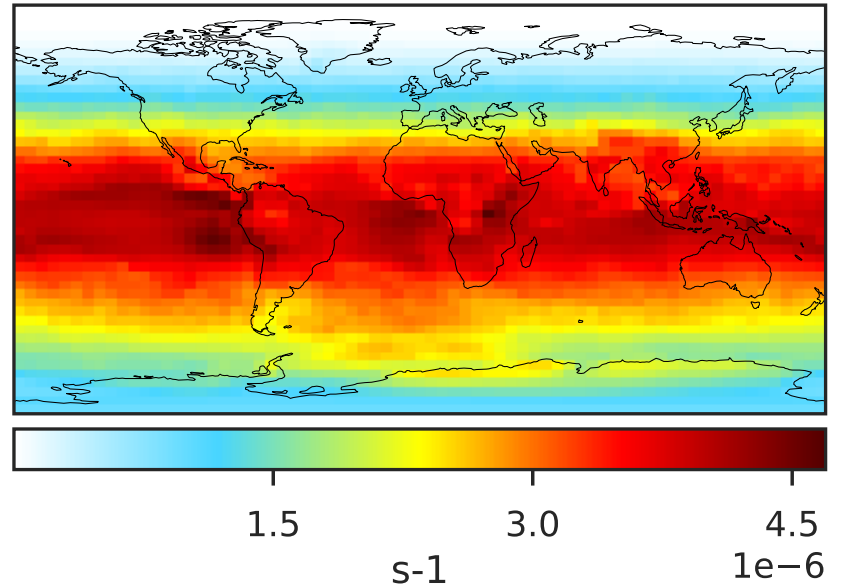
0.50 0.75 1.00 1.50 2.00
unitless

Jval_ALD2 (Oct2019)

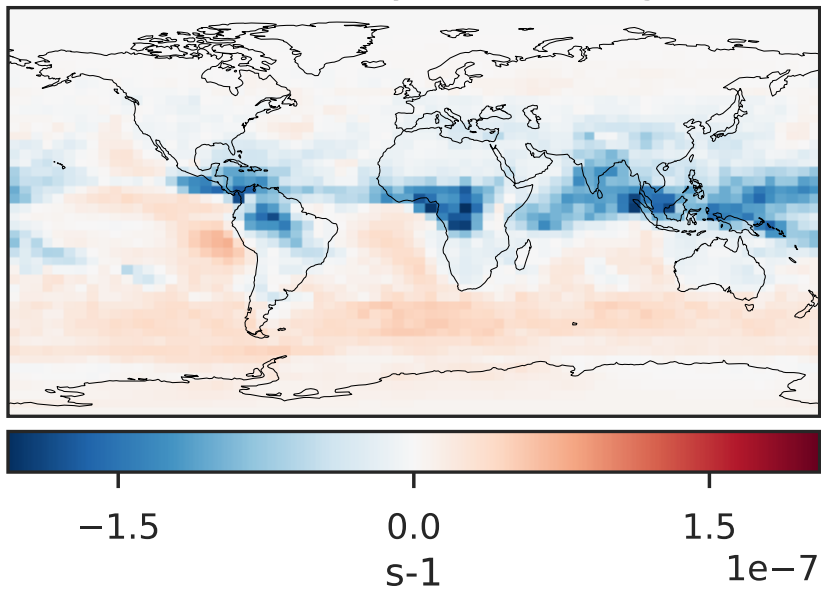
14.2.0-rc.2 (Ref)
4.0x5.0



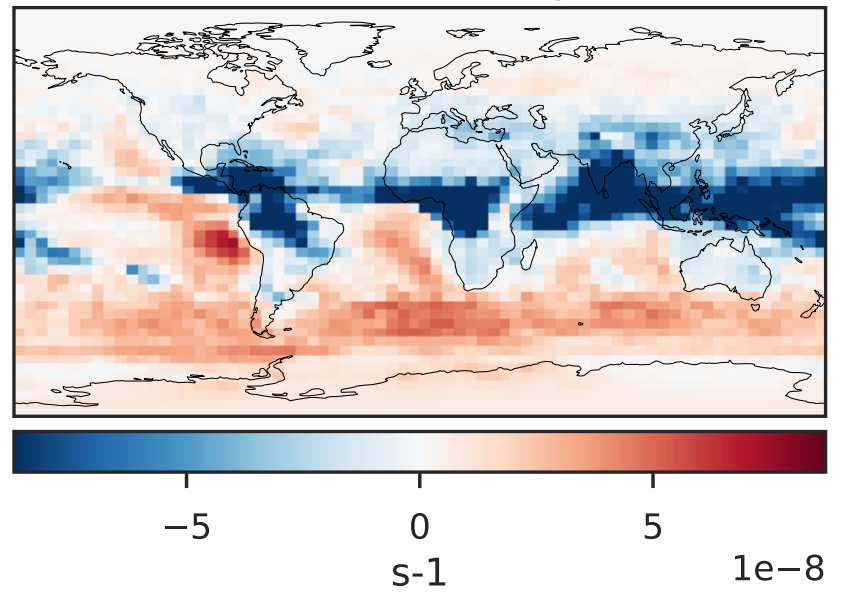
14.3.0-rc.0 (Dev)
4.0x5.0



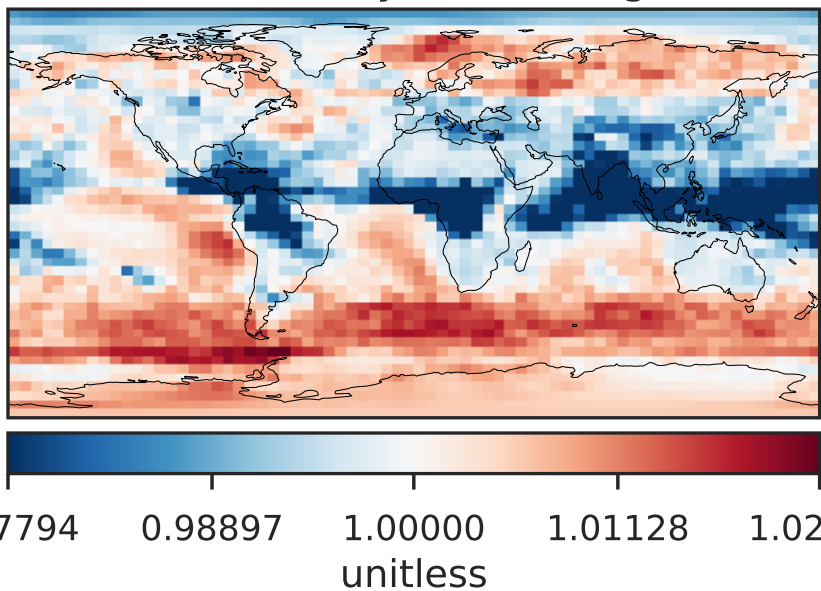
Difference
Dev - Ref, Dynamic Range



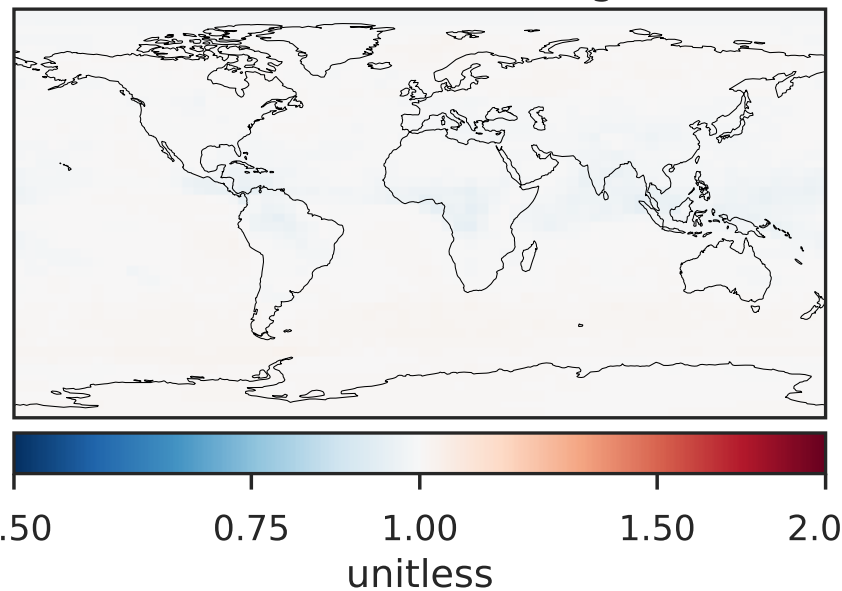
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

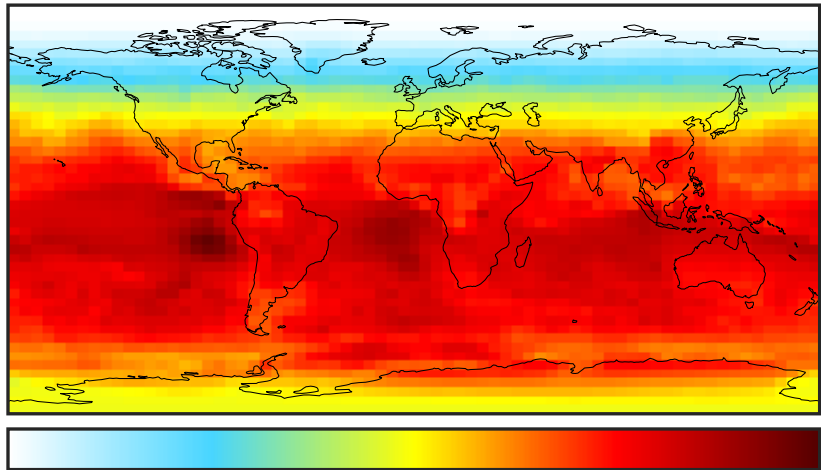


Ratio
Dev/Ref, Fixed Range



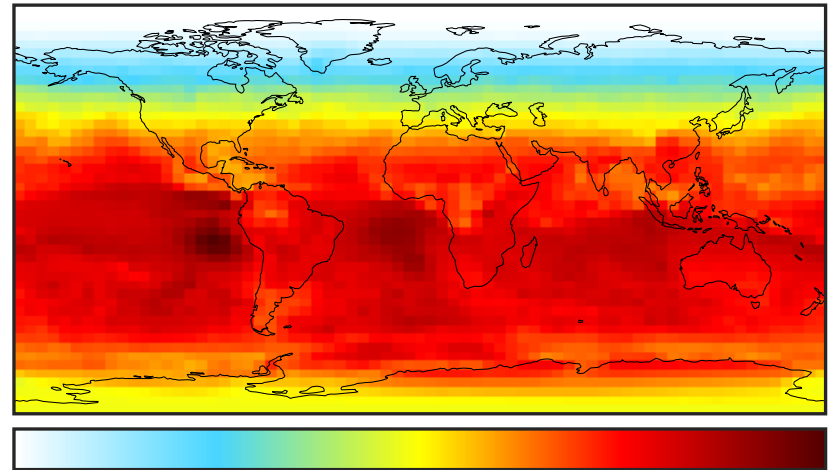
Jval_ATOOH (Oct2019)

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



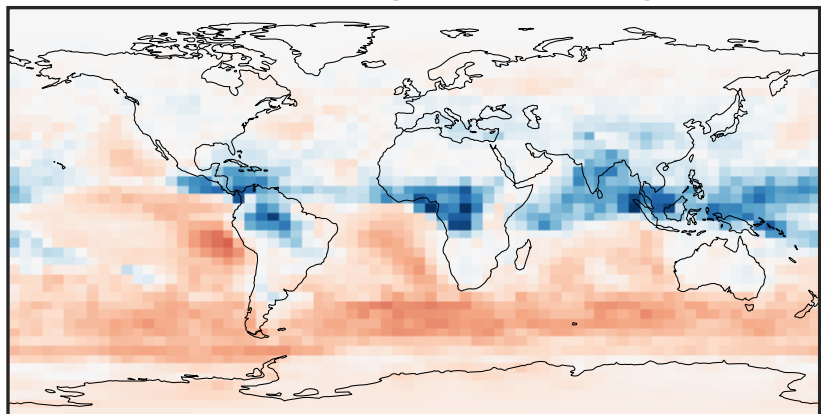
1.5 3.0 $1e-6$
s-1

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



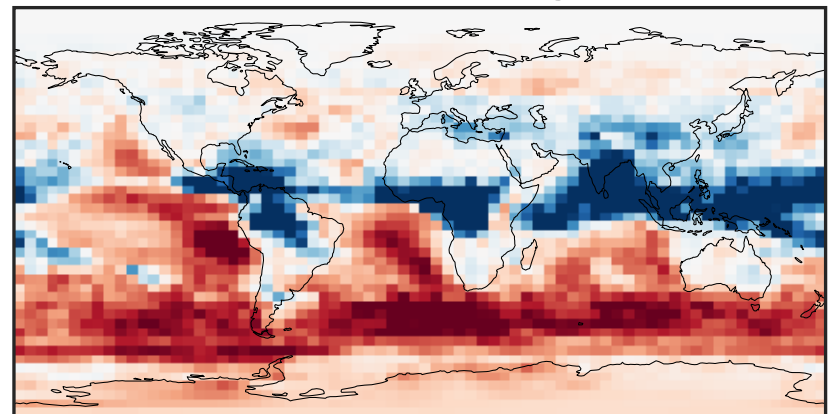
1.5 3.0 $1e-6$
s-1

Difference
Dev - Ref, Dynamic Range



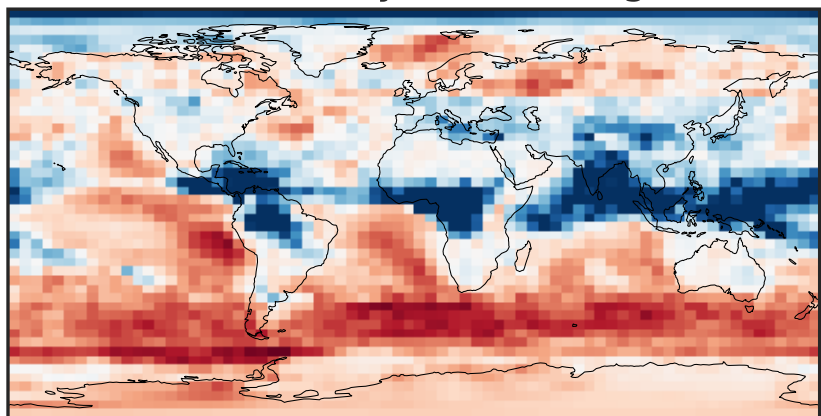
-8 0 8 $1e-8$
s-1

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



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

Ratio
Dev/Ref, Dynamic Range



0.97544 0.98772 1.00000 1.01259 1.02518
unitless

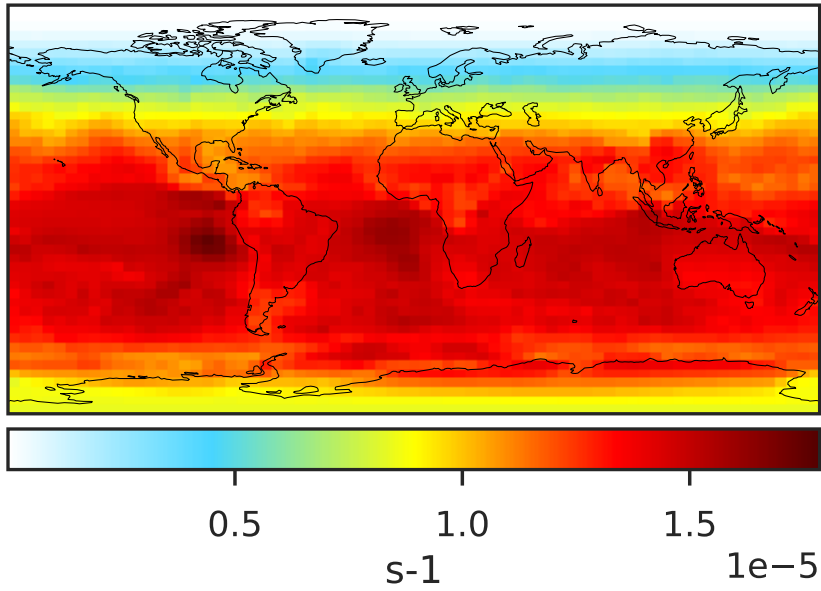
Ratio
Dev/Ref, Fixed Range



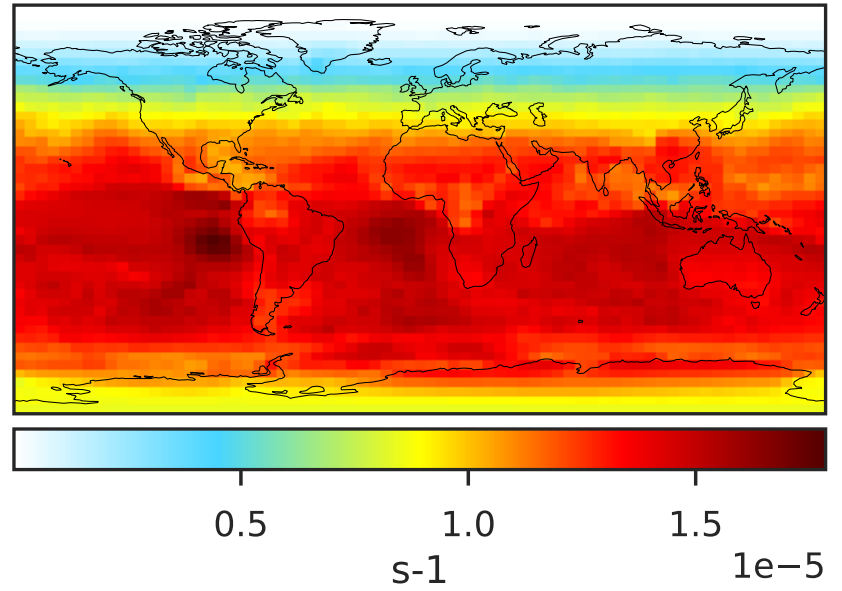
0.50 0.75 1.00 1.50 2.00
unitless

Jval_BALD (Oct2019)

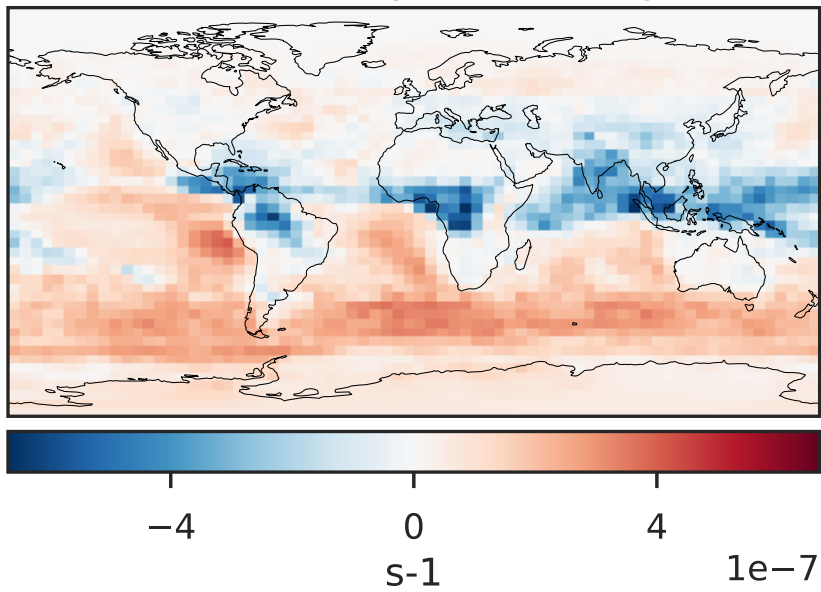
14.2.0-rc.2 (Ref)
4.0x5.0



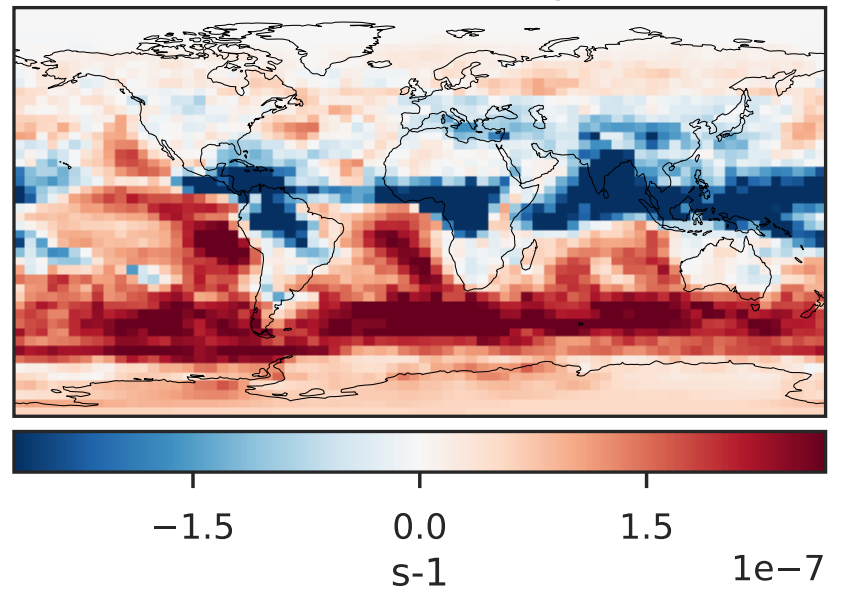
14.3.0-rc.0 (Dev)
4.0x5.0



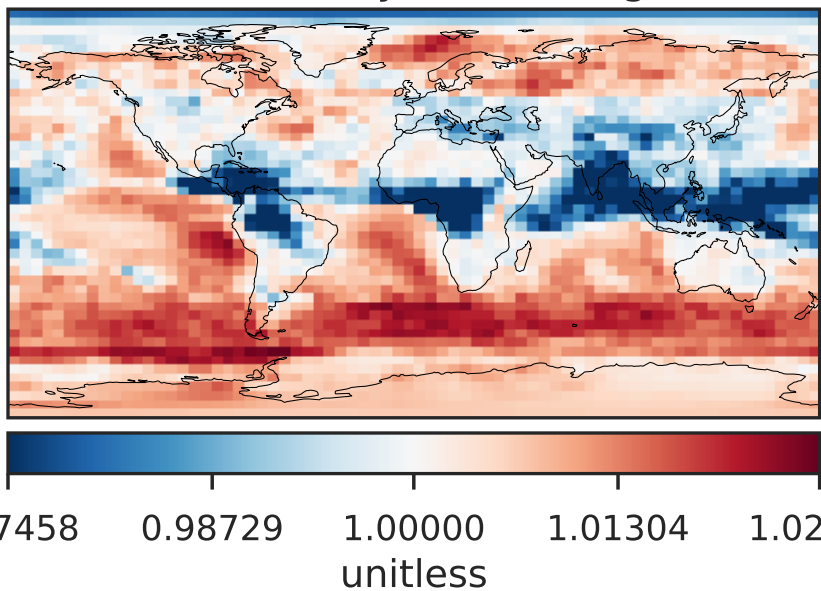
Difference
Dev - Ref, Dynamic Range



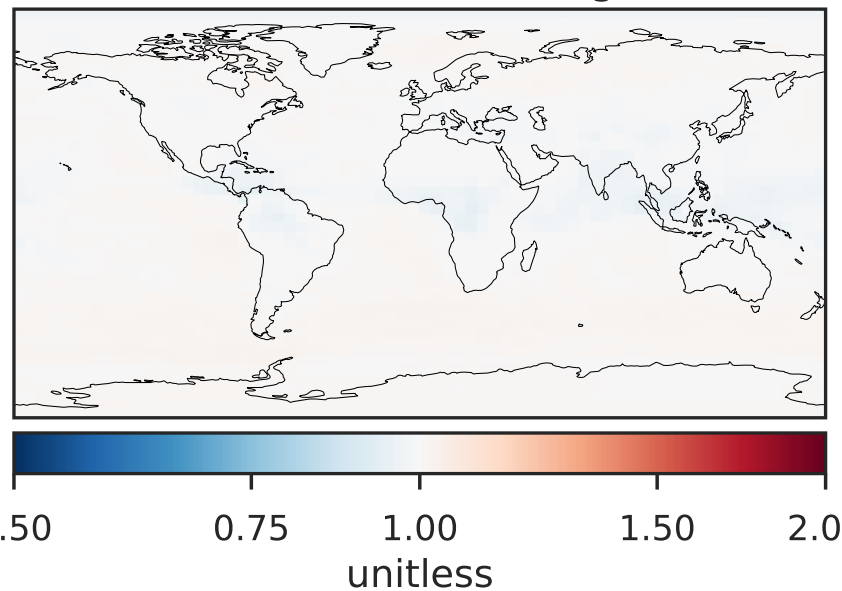
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

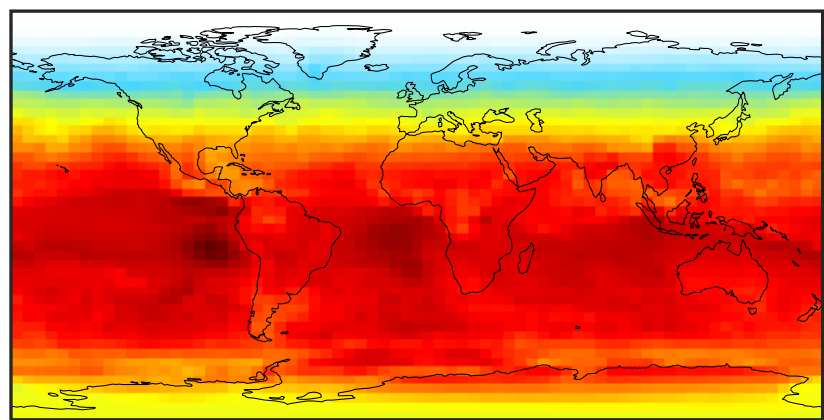


Ratio
Dev/Ref, Fixed Range



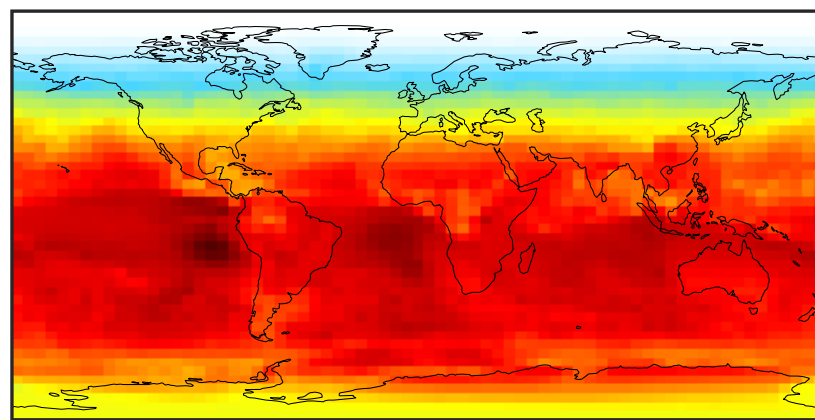
Jval_BENZP (Oct2019)

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



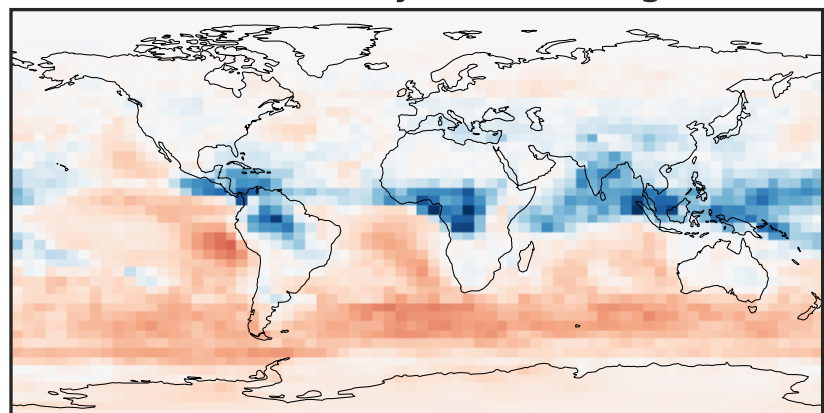
1.5 3.0
s-1 1e-6

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



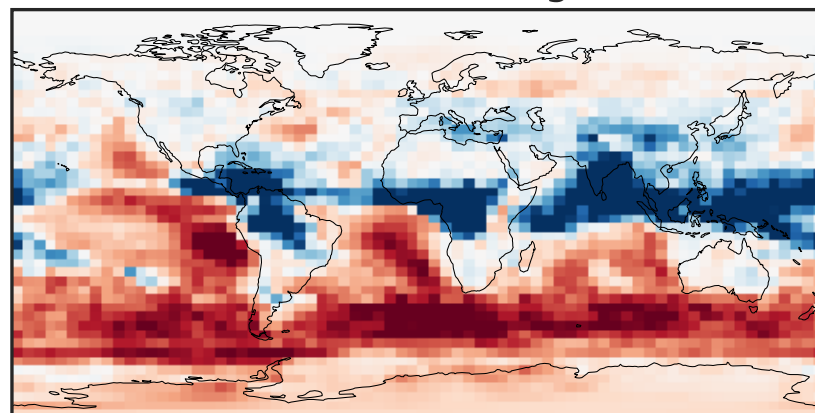
1.5 3.0
s-1 1e-6

Difference
Dev - Ref, Dynamic Range



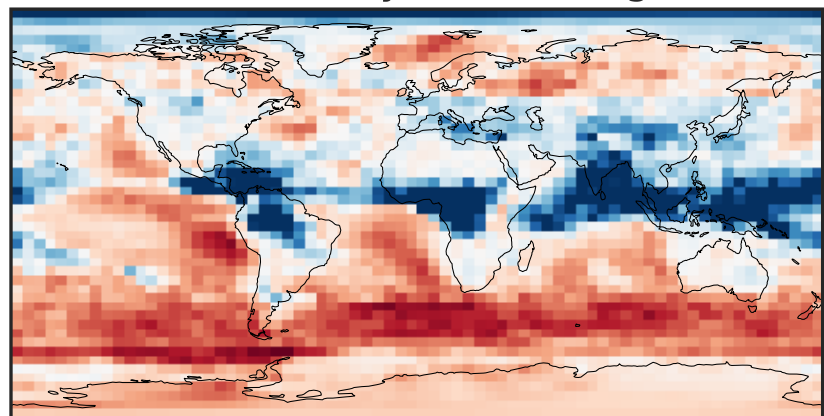
-8 0 8
s-1 1e-8

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



-4 0 4
s-1 1e-8

Ratio
Dev/Ref, Dynamic Range



0.97544 0.98772 1.00000 1.01259 1.02518
unitless

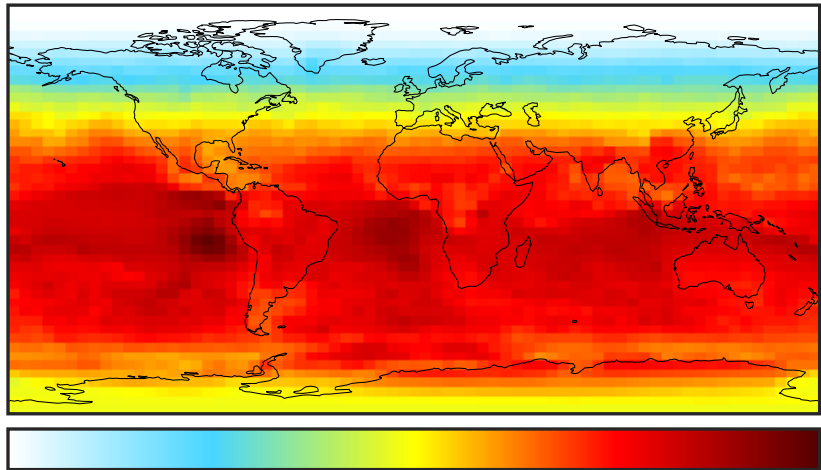
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

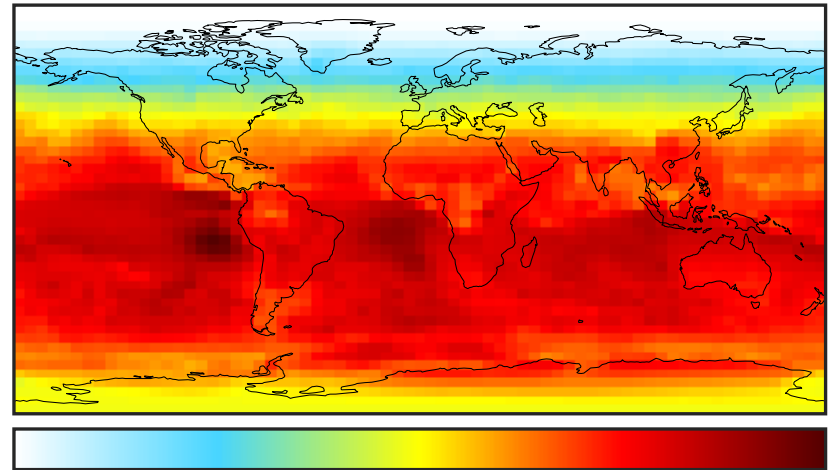
Jval_BZCO3H (Oct2019)

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



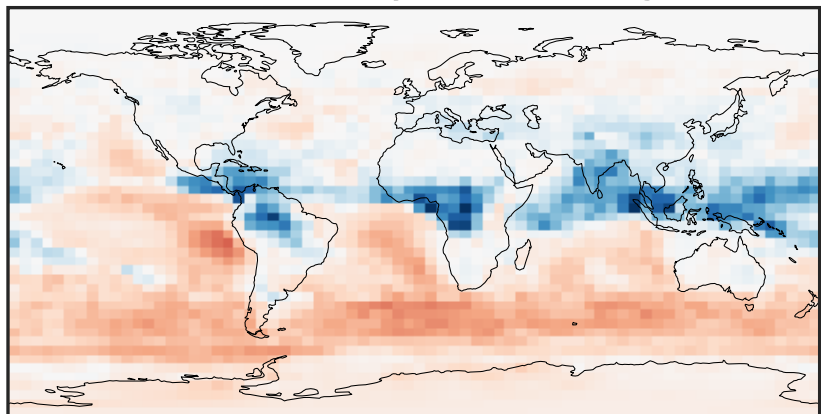
1.5 3.0 $1e-6$
s-1

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



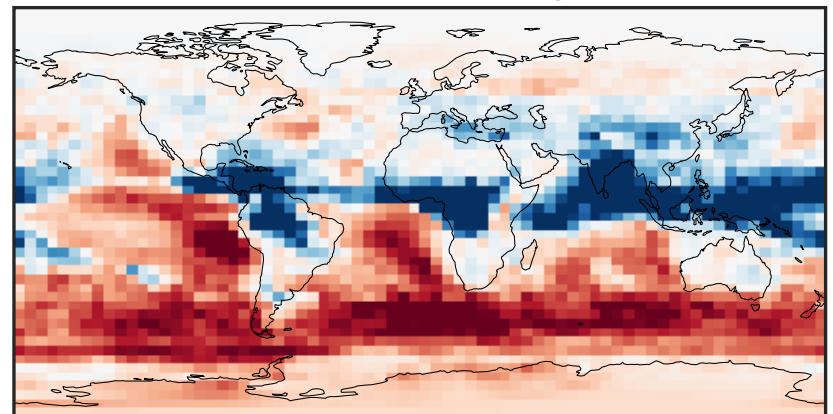
1.5 3.0 $1e-6$
s-1

Difference
Dev - Ref, Dynamic Range



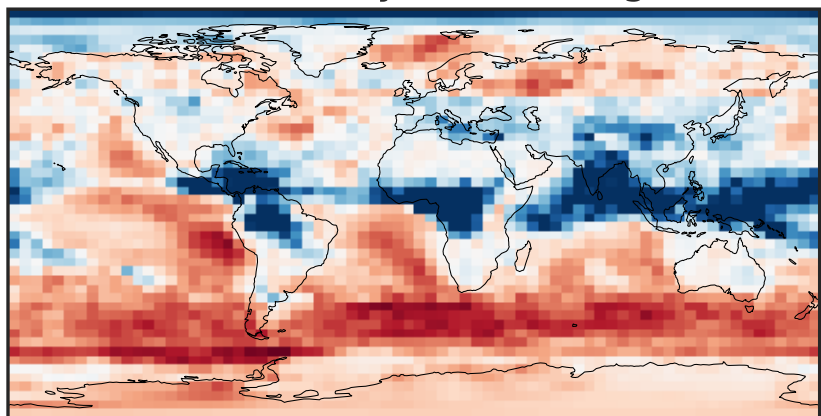
-8 0 8 $1e-8$
s-1

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



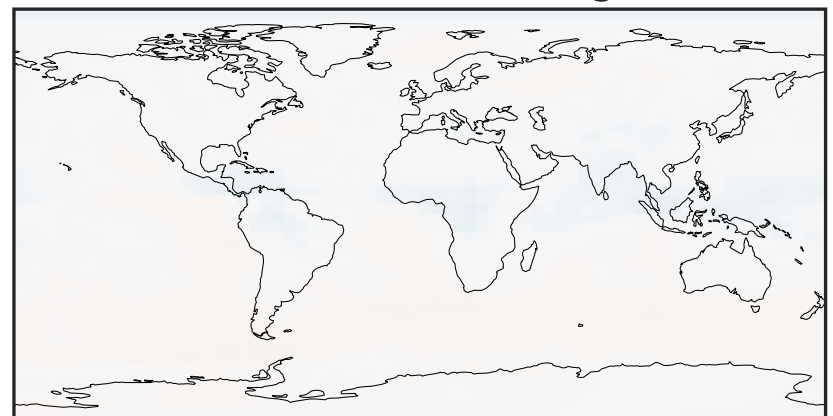
-4 0 4 $1e-8$
s-1

Ratio
Dev/Ref, Dynamic Range



0.97544 0.98772 1.00000 1.01259 1.02518
unitless

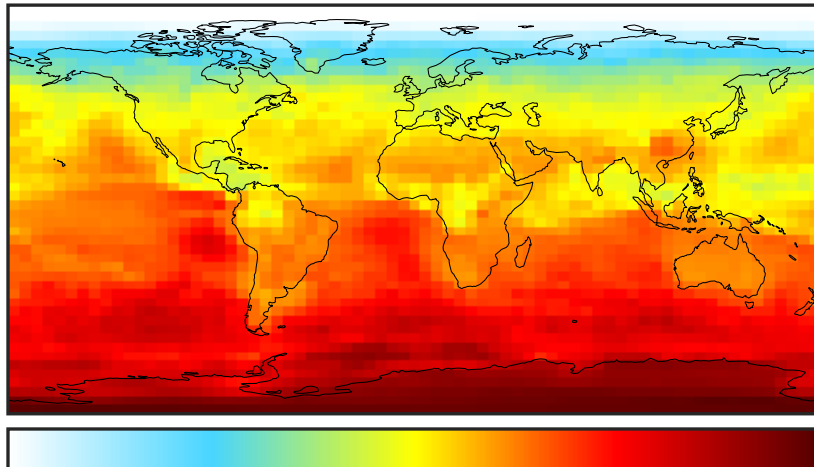
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

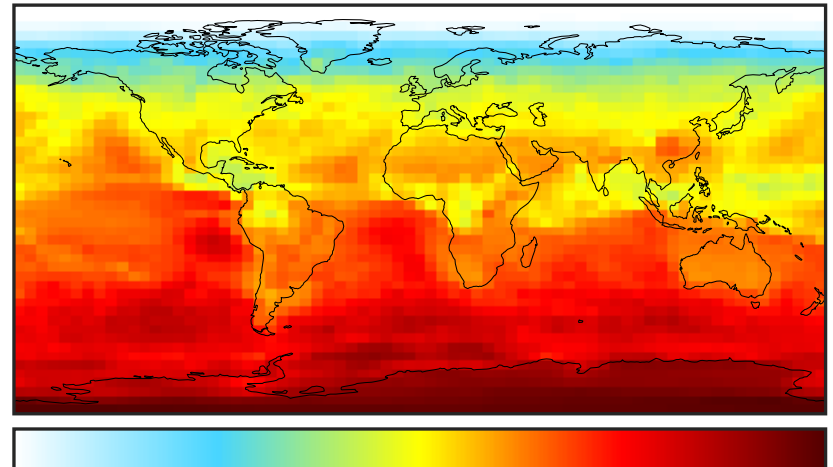
Jval_Br2 (Oct2019)

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



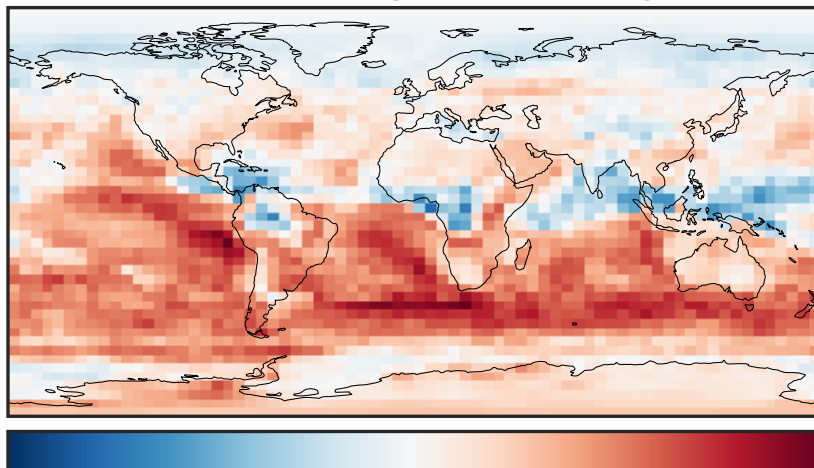
0.008 0.016 0.024
s-1

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



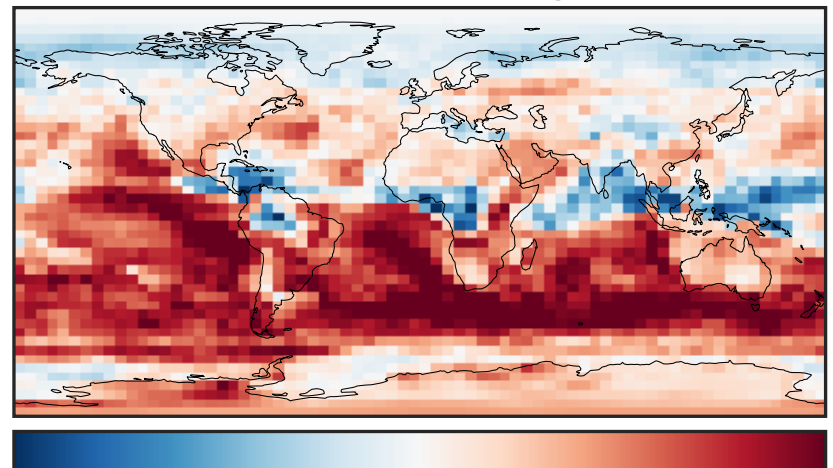
0.008 0.016 0.024
s-1

Difference
Dev - Ref, Dynamic Range



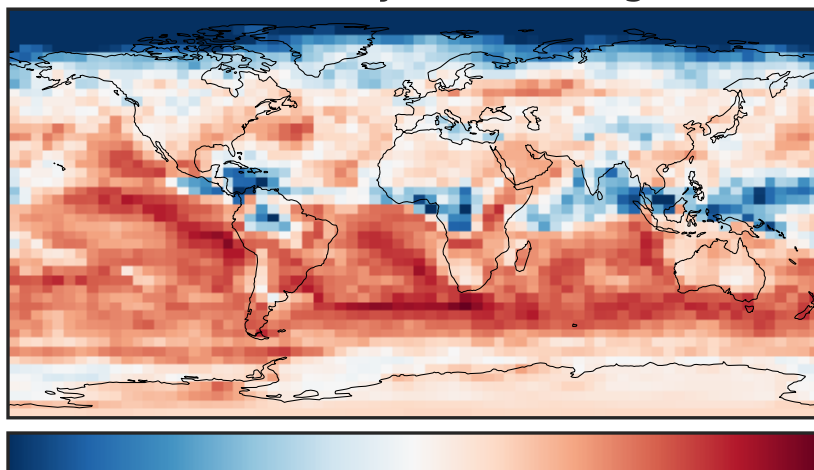
-0.0005 0.0000 0.0005
s-1

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



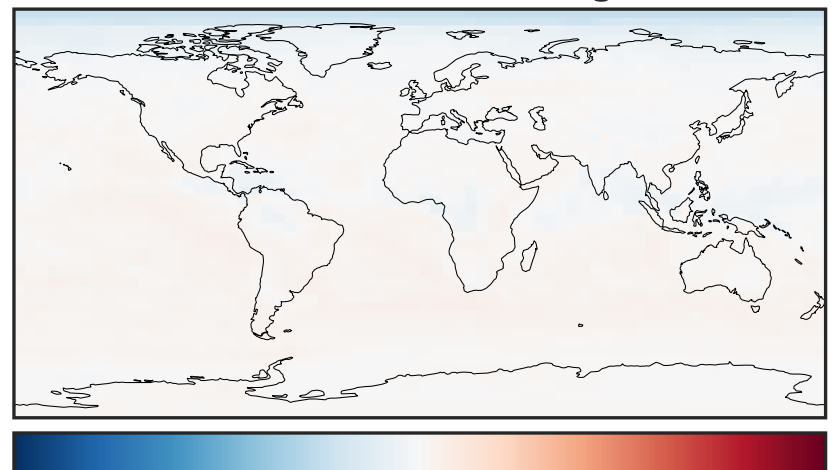
-0.0003 0.0000 0.0003
s-1

Ratio
Dev/Ref, Dynamic Range



0.96204 0.98102 1.00000 1.01973 1.03945
unitless

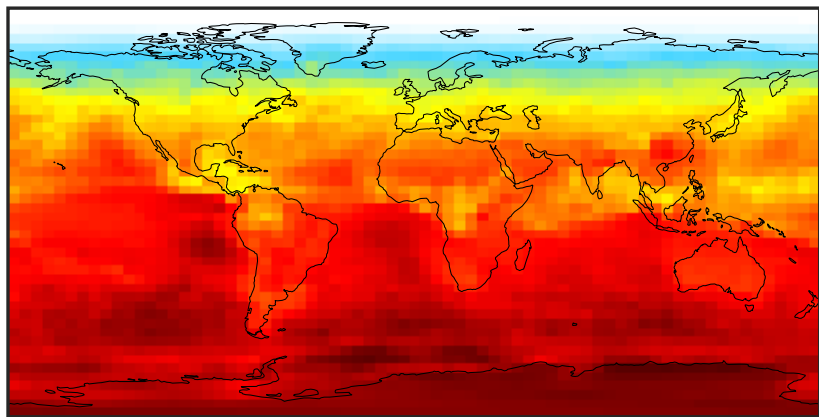
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

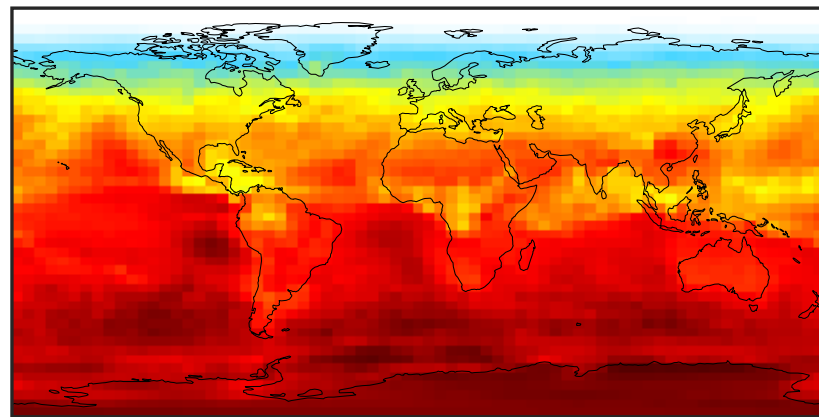
Jval_BrCl (Oct2019)

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



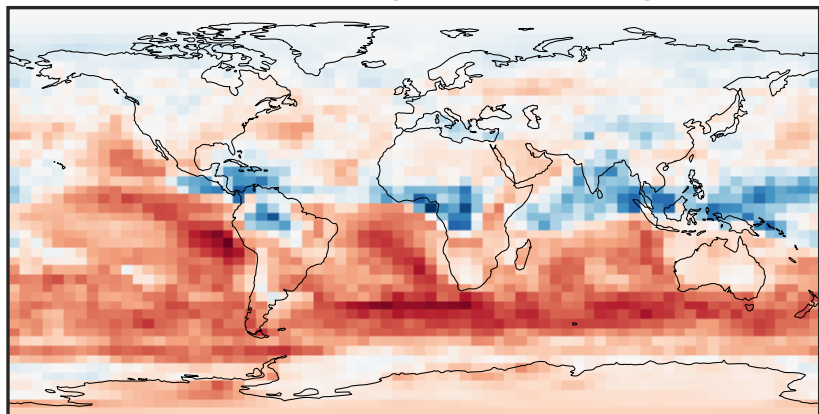
0.0025 0.0050 0.0075
s-1

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



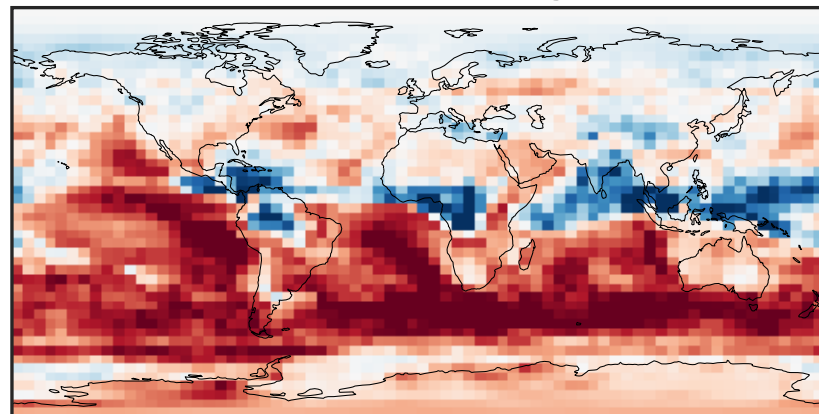
0.0025 0.0050 0.0075
s-1

Difference
Dev - Ref, Dynamic Range



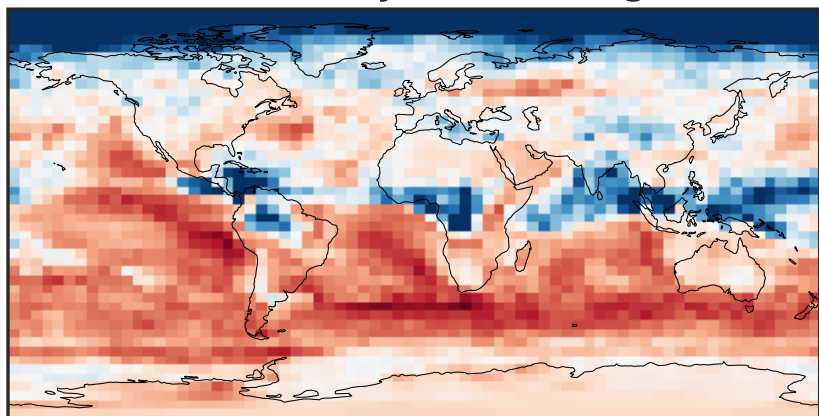
-0.00015 0.00000 0.00015
s-1

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



-8 0 8
s-1 1e-5

Ratio
Dev/Ref, Dynamic Range



0.96759 0.98380 1.00000 1.01675 1.03349
unitless

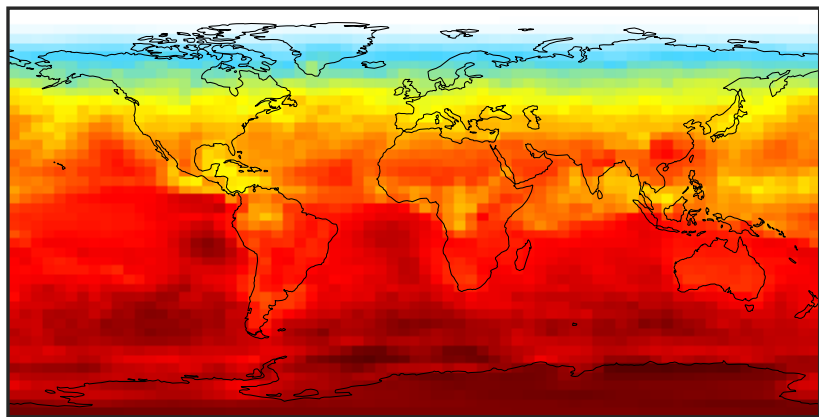
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

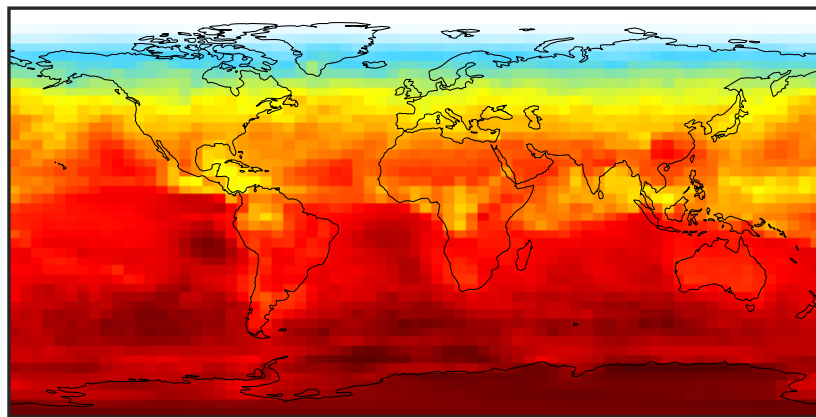
Jval_BrNO2 (Oct2019)

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



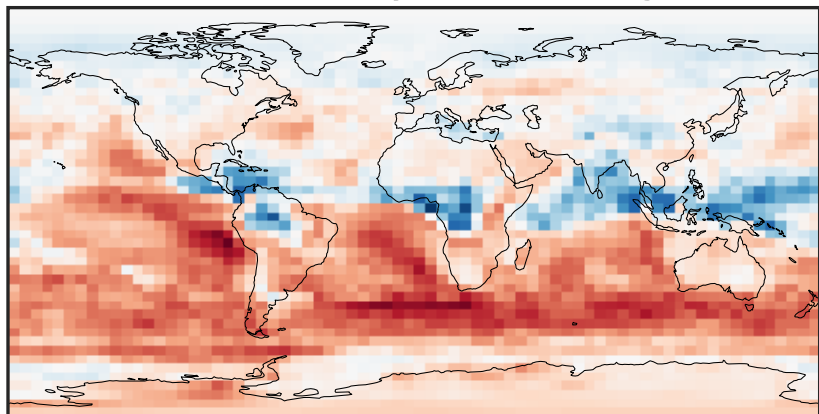
0.0015 0.0030 0.0045
s-1

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



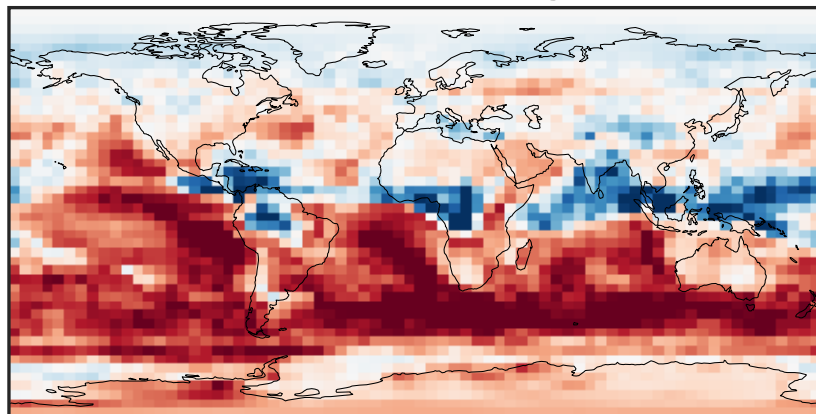
0.0015 0.0030 0.0045
s-1

Difference
Dev - Ref, Dynamic Range



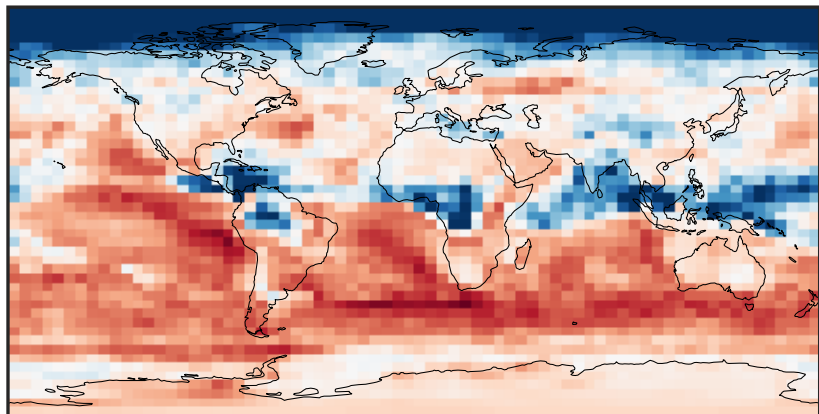
-8 0 8
s-1 1e-5

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



-5 0 5
s-1 1e-5

Ratio
Dev/Ref, Dynamic Range



0.96709 0.98355 1.00000 1.01701 1.03403
unitless

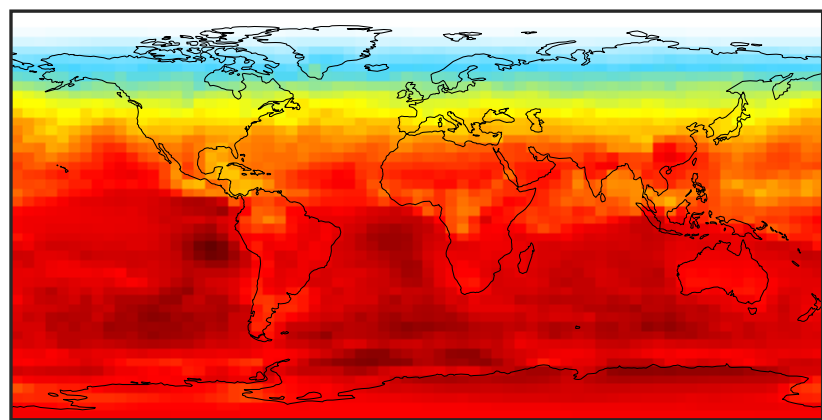
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

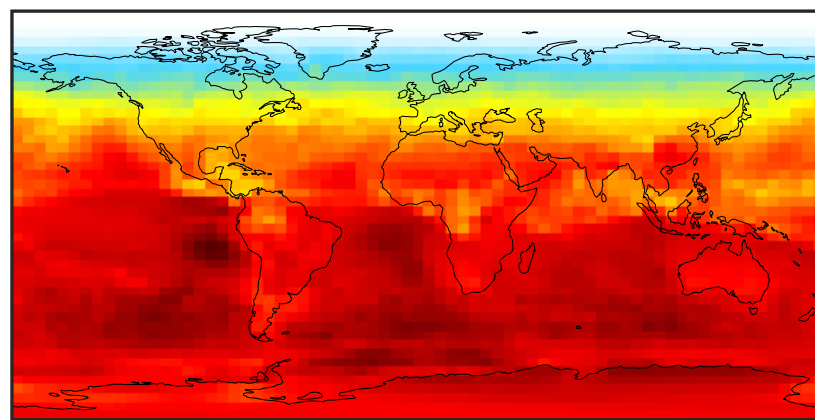
Jval_BrNO3 (Oct2019)

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



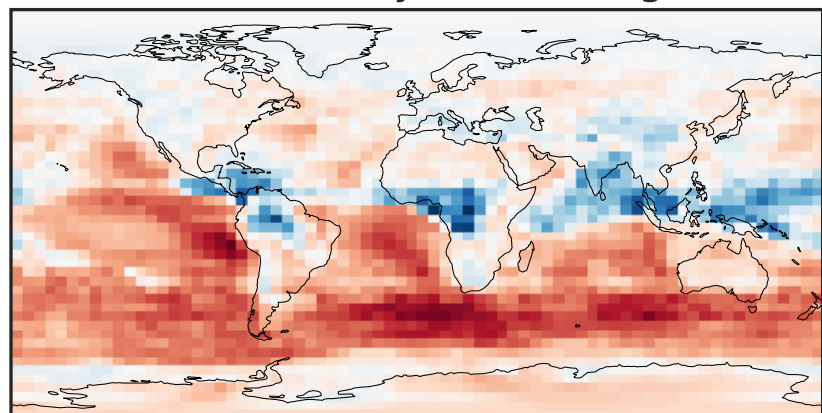
0.0003 0.0006 0.0009
s-1

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



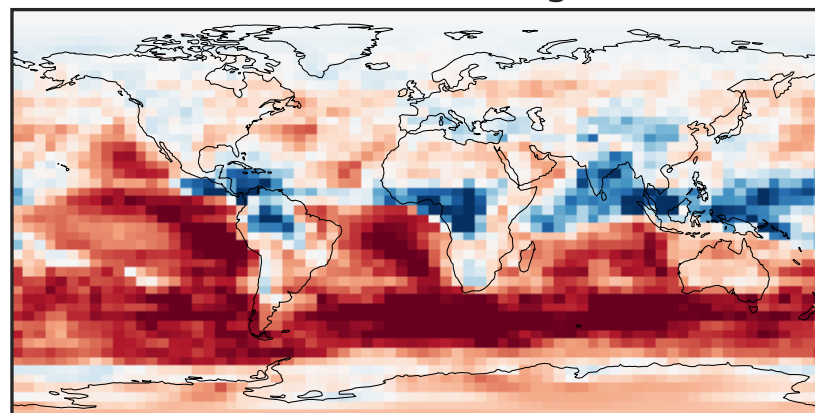
0.0003 0.0006 0.0009
s-1

Difference
Dev - Ref, Dynamic Range



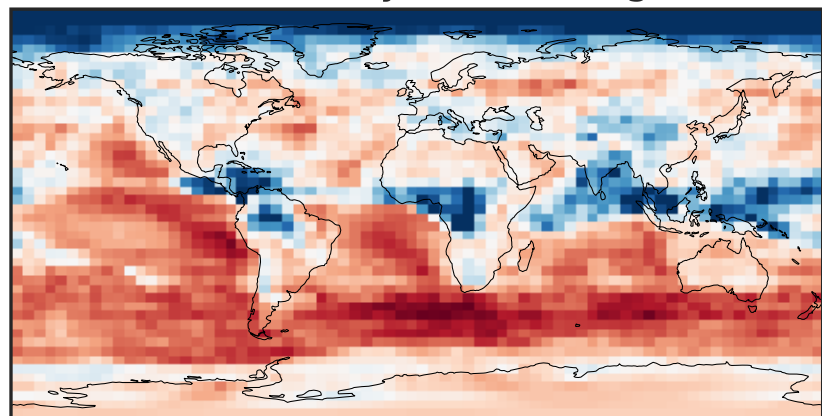
-1.5 0.0 1.5
s-1 1e-5

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



-1 0 1
s-1 1e-5

Ratio
Dev/Ref, Dynamic Range



0.96821 0.98410 1.00000 1.01642 1.03284
unitless

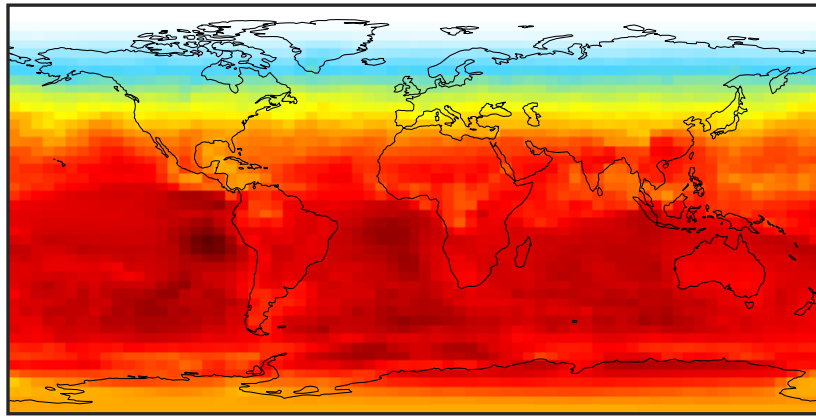
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

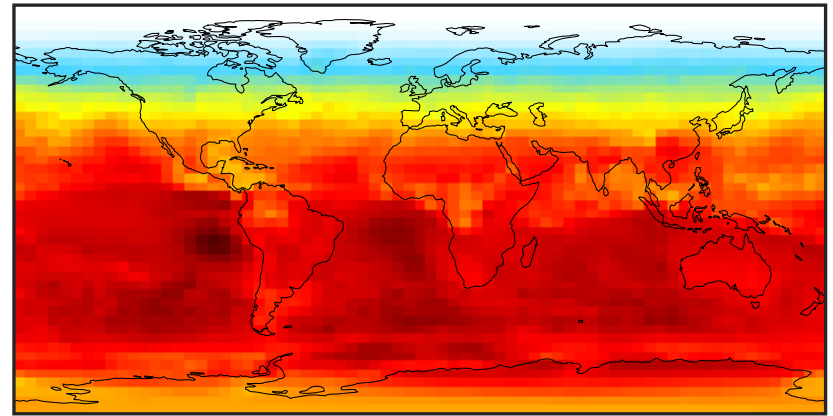
Jval_BrO (Oct2019)

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



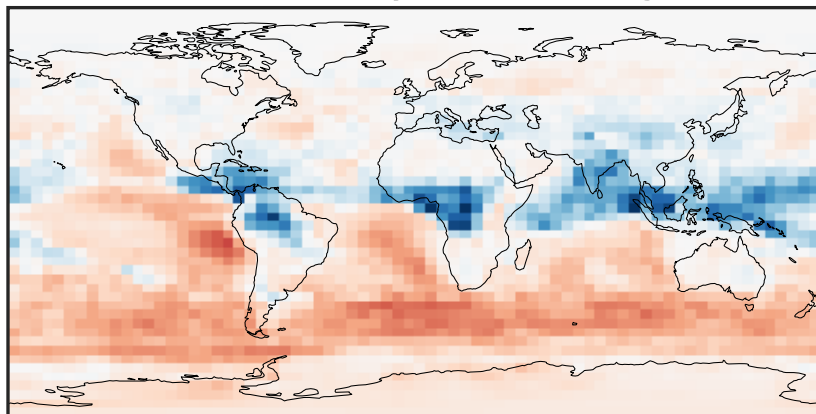
0.008 0.016 0.024
s-1

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



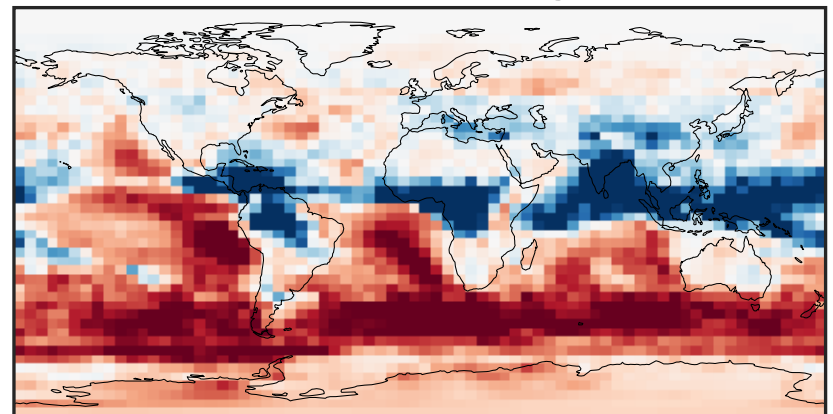
0.008 0.016 0.024
s-1

Difference
Dev - Ref, Dynamic Range



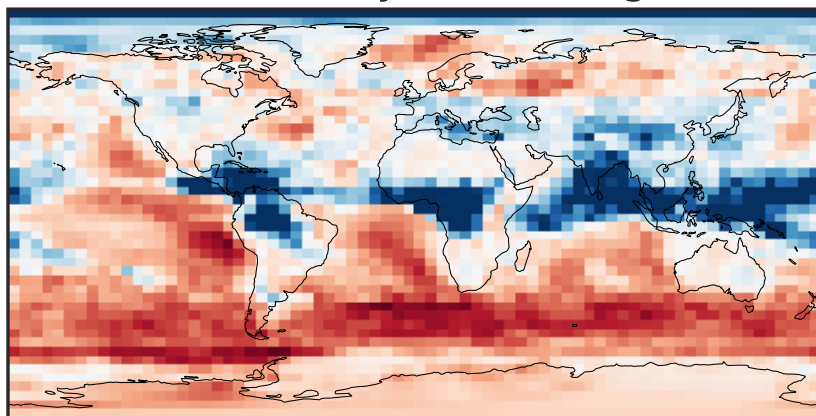
-0.0006 0.0000 0.0006
s-1

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



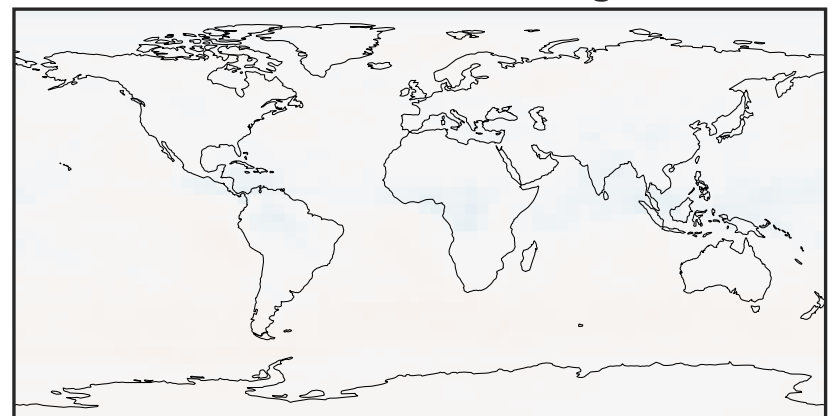
-0.00025 0.00000 0.00025
s-1

Ratio
Dev/Ref, Dynamic Range



0.97503 0.98752 1.00000 1.01280 1.02561
unitless

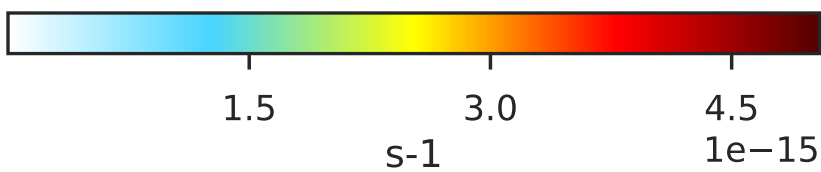
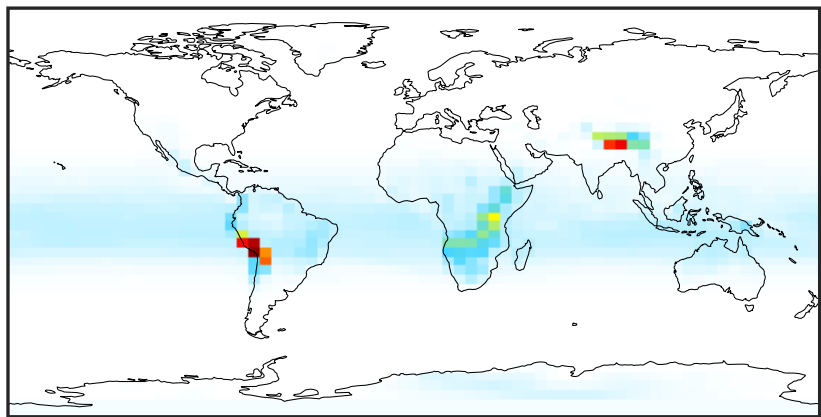
Ratio
Dev/Ref, Fixed Range



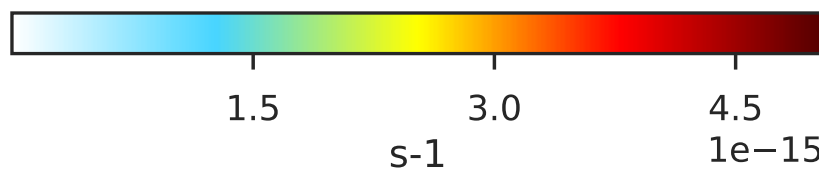
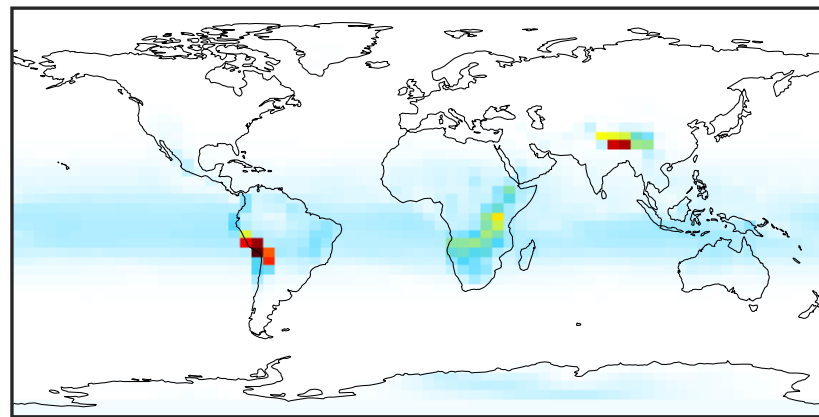
0.50 0.75 1.00 1.50 2.00
unitless

Jval_CCI4 (Oct2019)

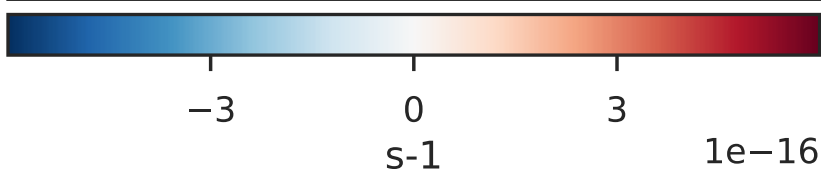
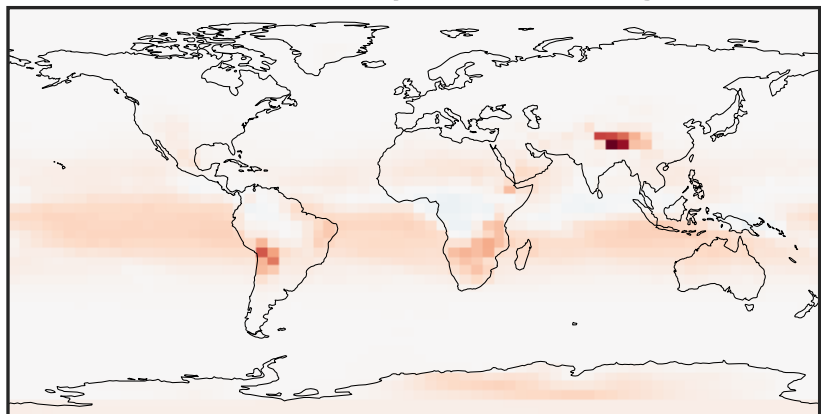
14.2.0-rc.2 (Ref)
4.0x5.0



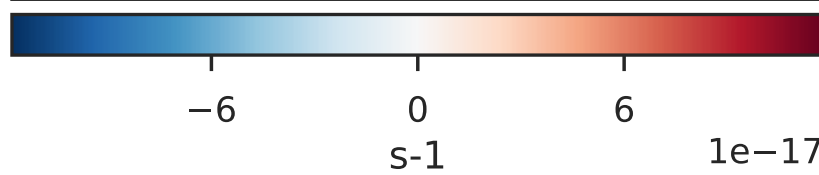
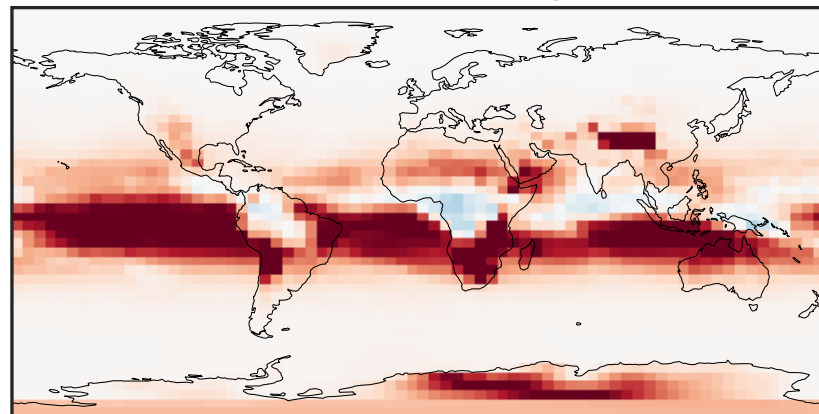
14.3.0-rc.0 (Dev)
4.0x5.0



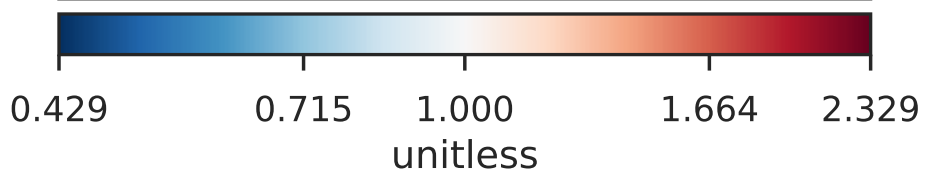
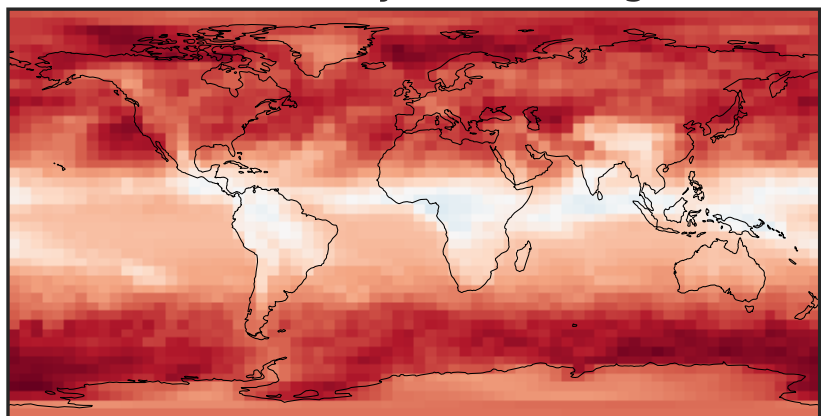
Difference
Dev - Ref, Dynamic Range



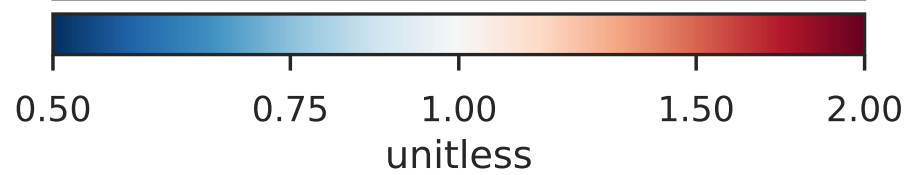
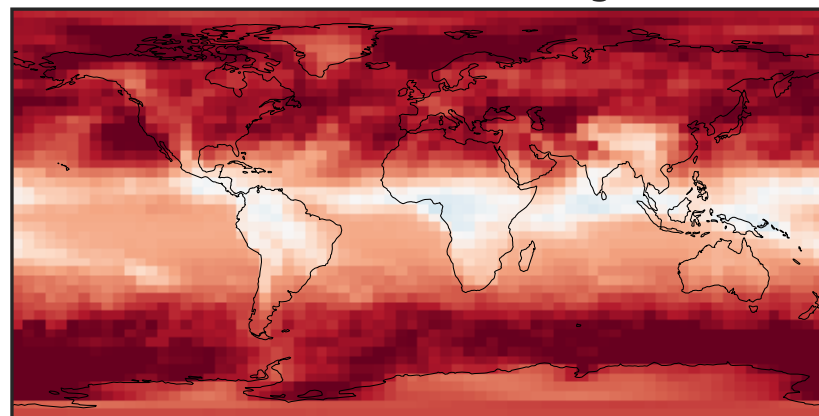
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

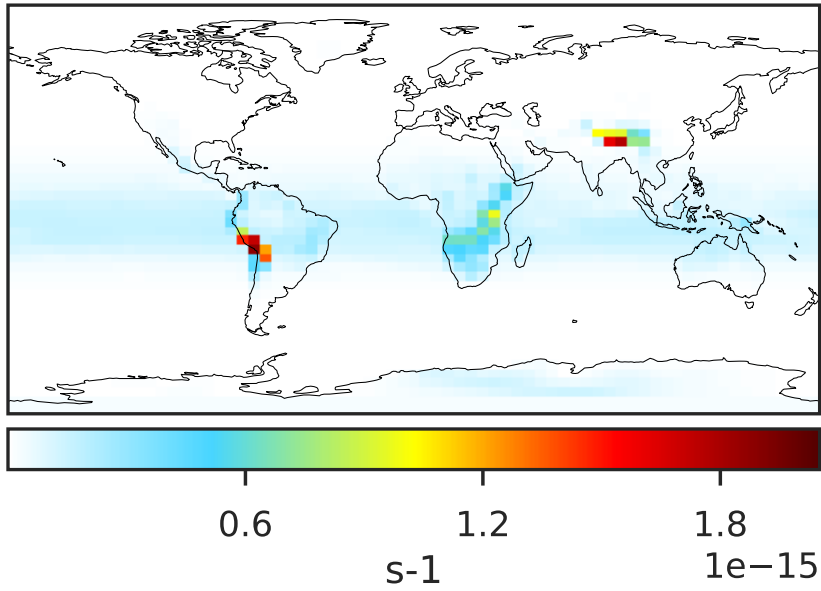


Ratio
Dev/Ref, Fixed Range

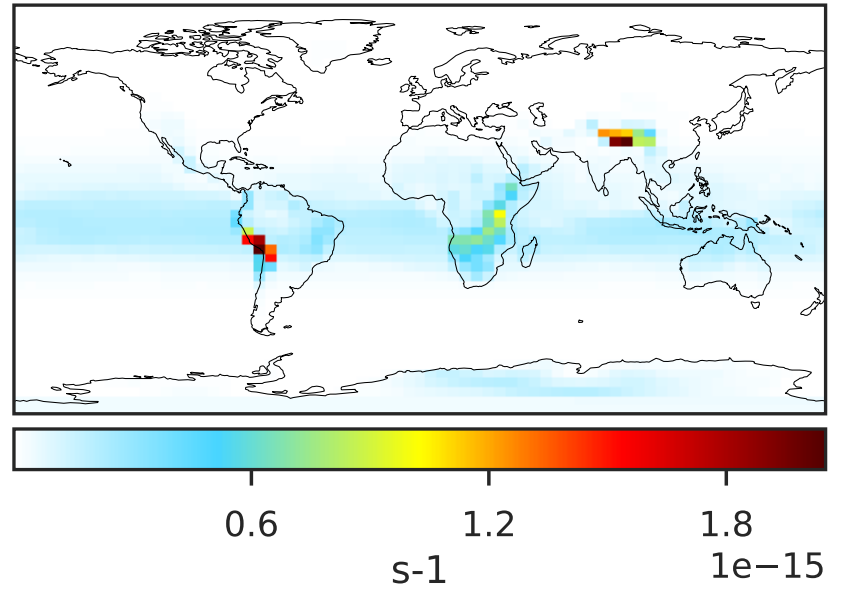


Jval_CFC11 (Oct2019)

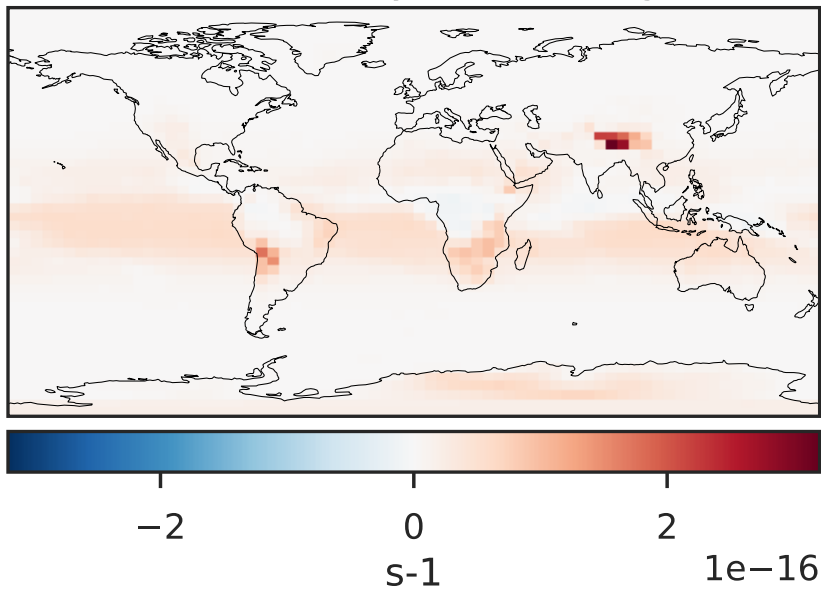
14.2.0-rc.2 (Ref)
4.0x5.0



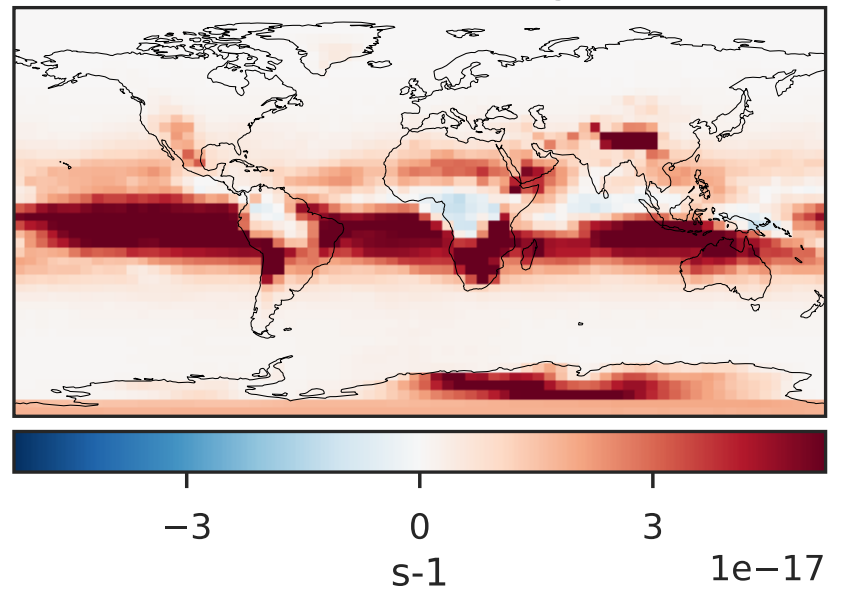
14.3.0-rc.0 (Dev)
4.0x5.0



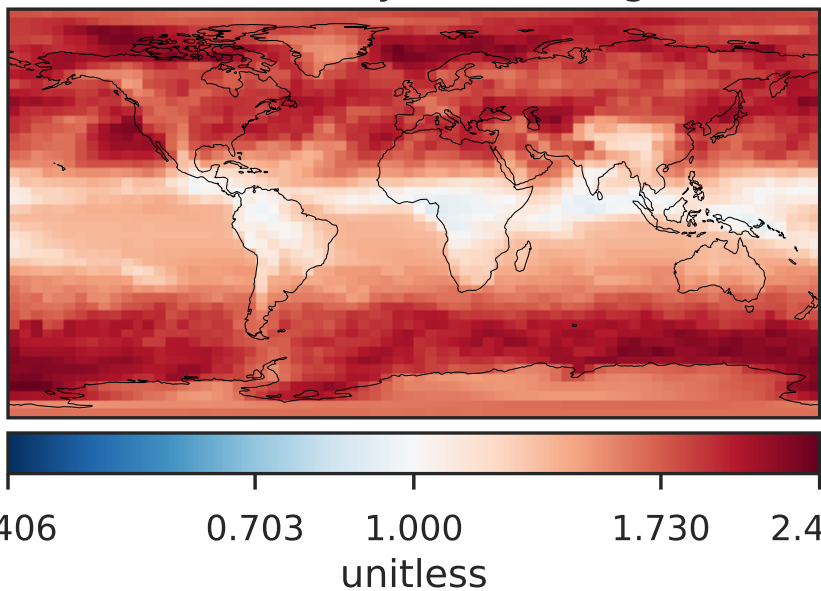
Difference
Dev - Ref, Dynamic Range



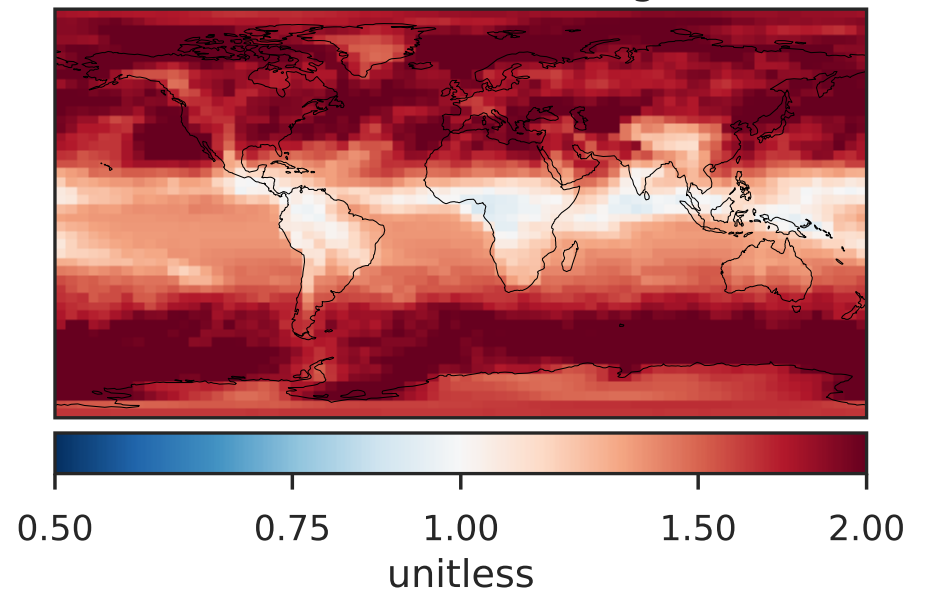
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

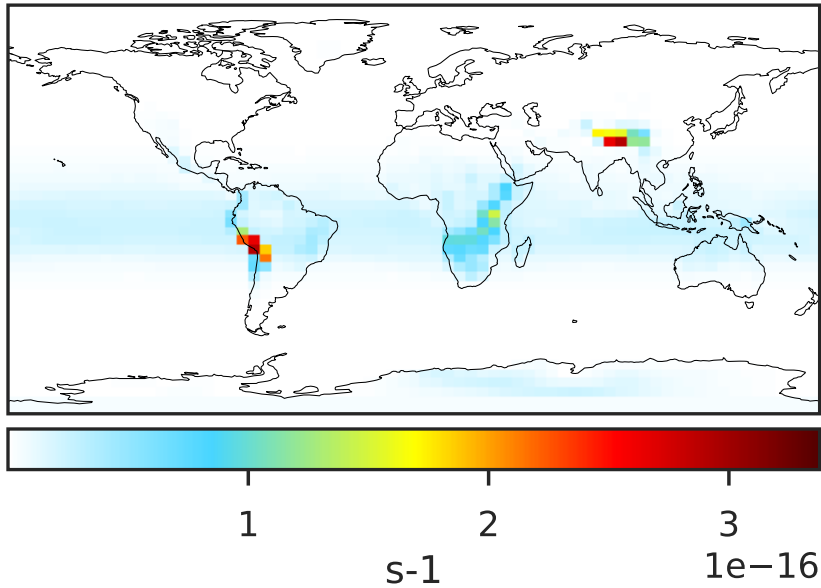


Ratio
Dev/Ref, Fixed Range

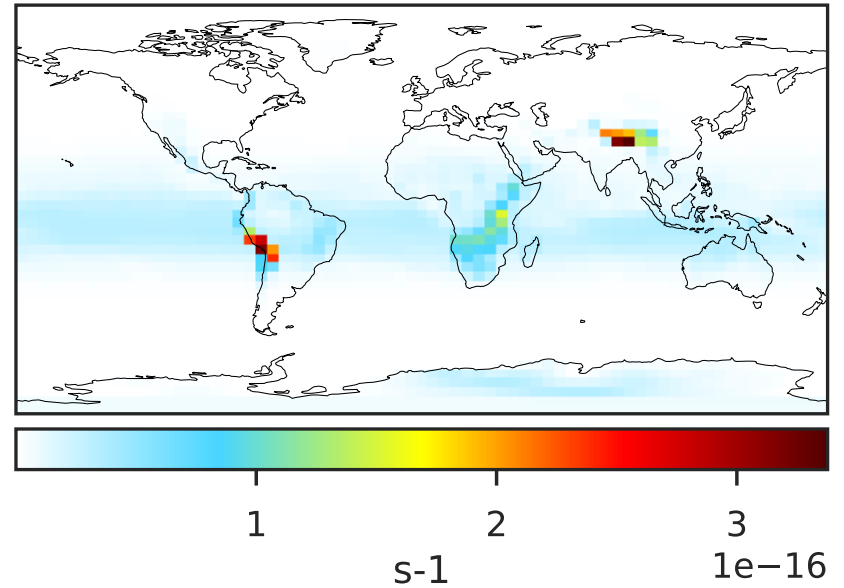


Jval_CFC113 (Oct2019)

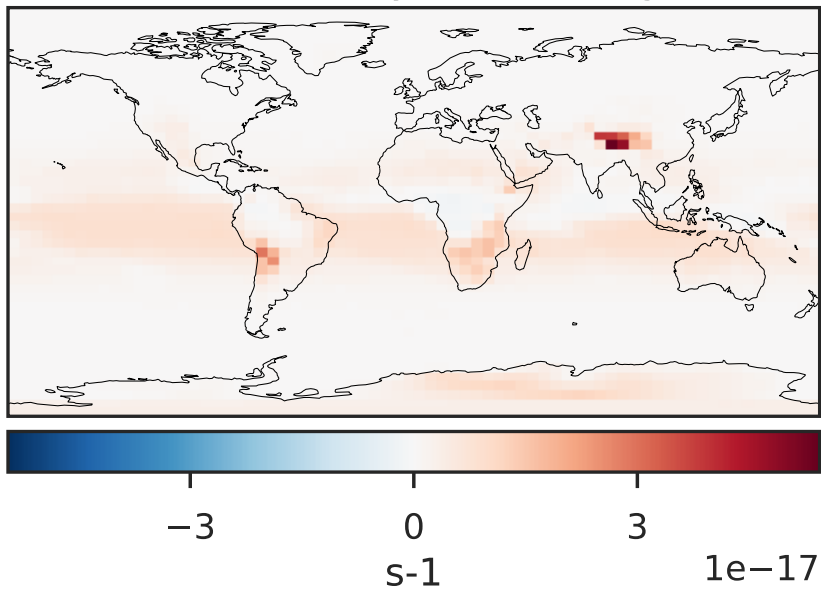
14.2.0-rc.2 (Ref)
4.0x5.0



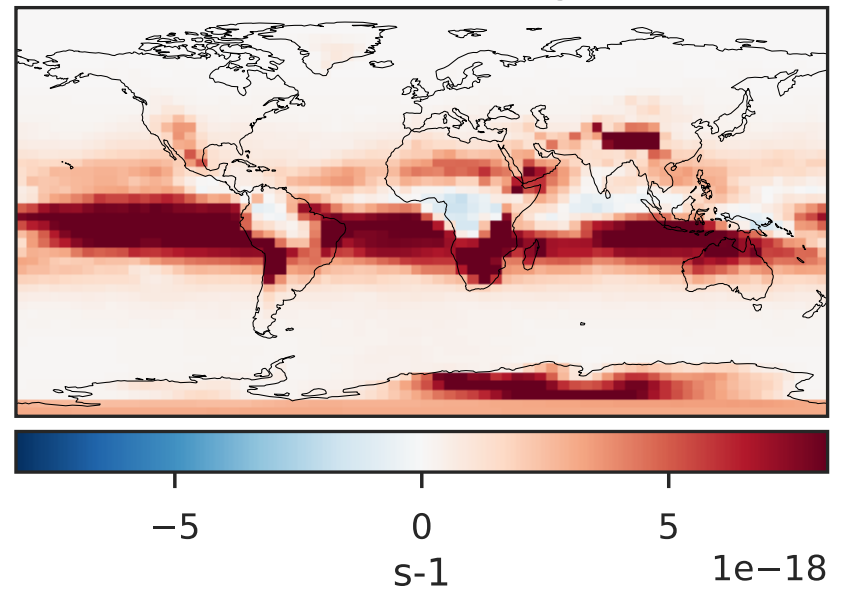
14.3.0-rc.0 (Dev)
4.0x5.0



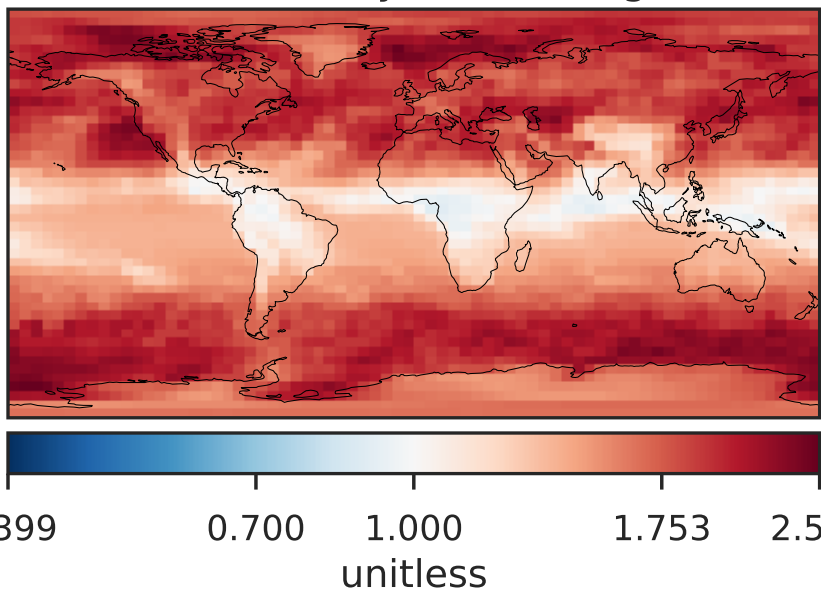
Difference
Dev - Ref, Dynamic Range



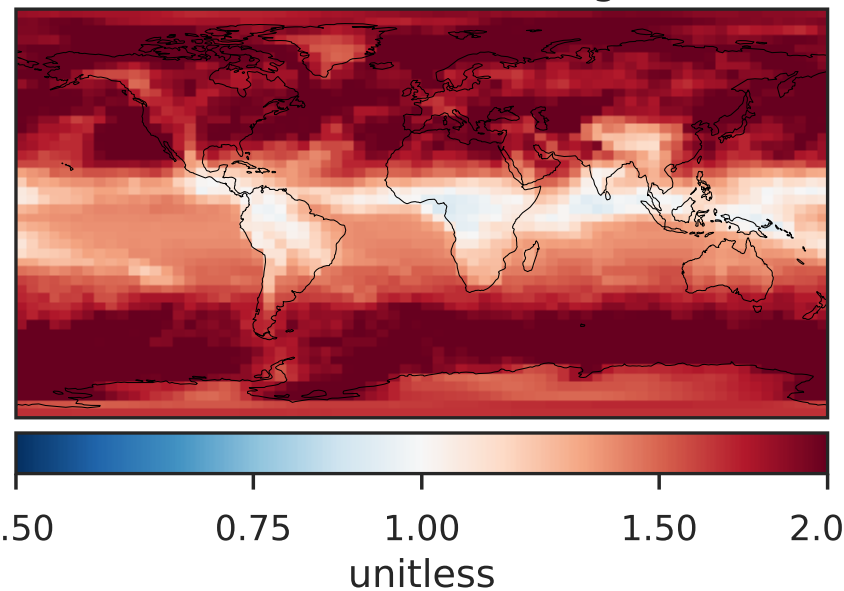
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

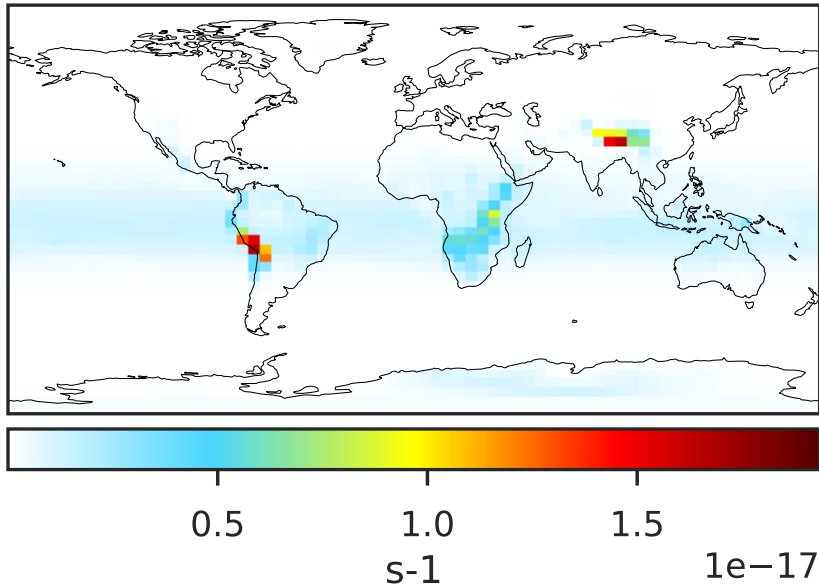


Ratio
Dev/Ref, Fixed Range

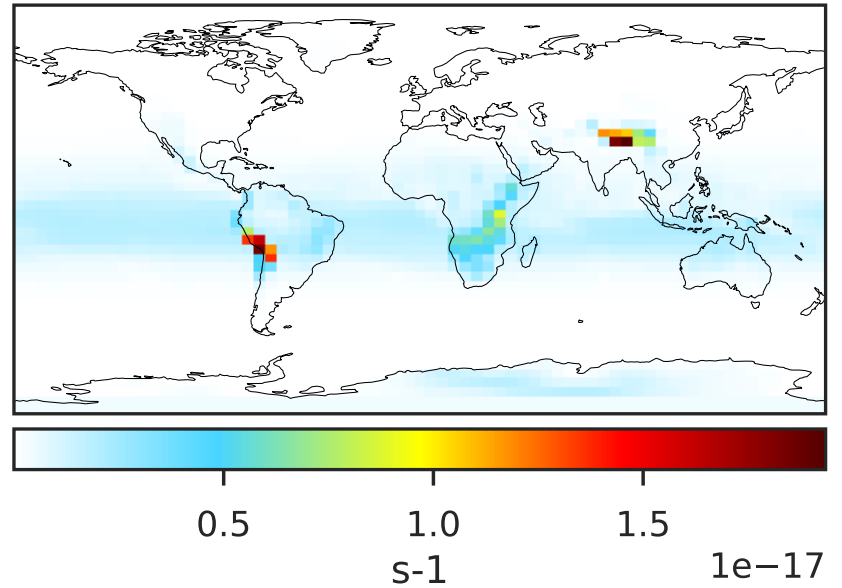


Jval_CFC114 (Oct2019)

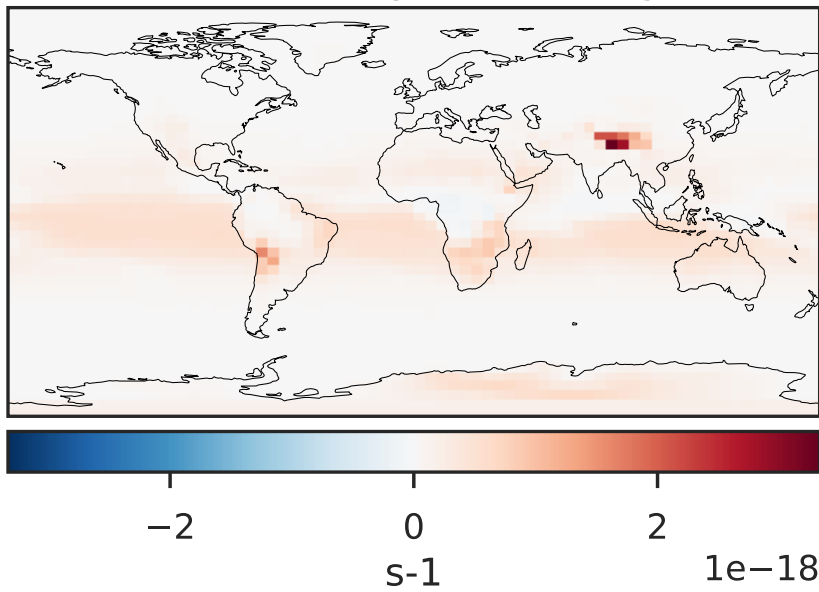
14.2.0-rc.2 (Ref)
4.0x5.0



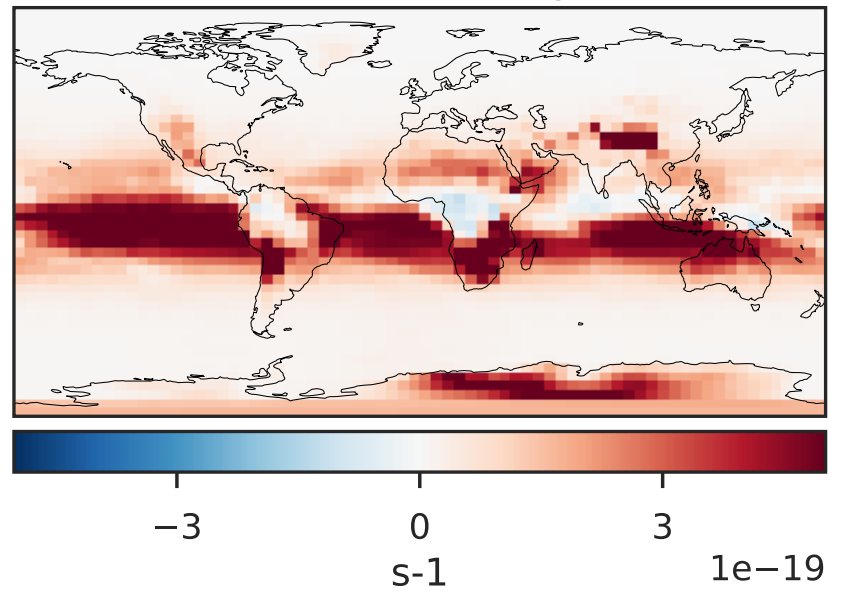
14.3.0-rc.0 (Dev)
4.0x5.0



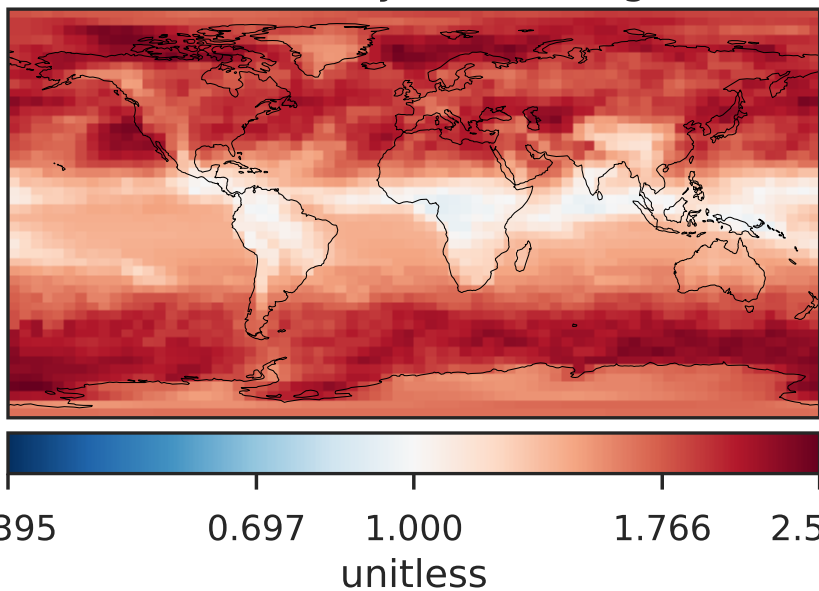
Difference
Dev - Ref, Dynamic Range



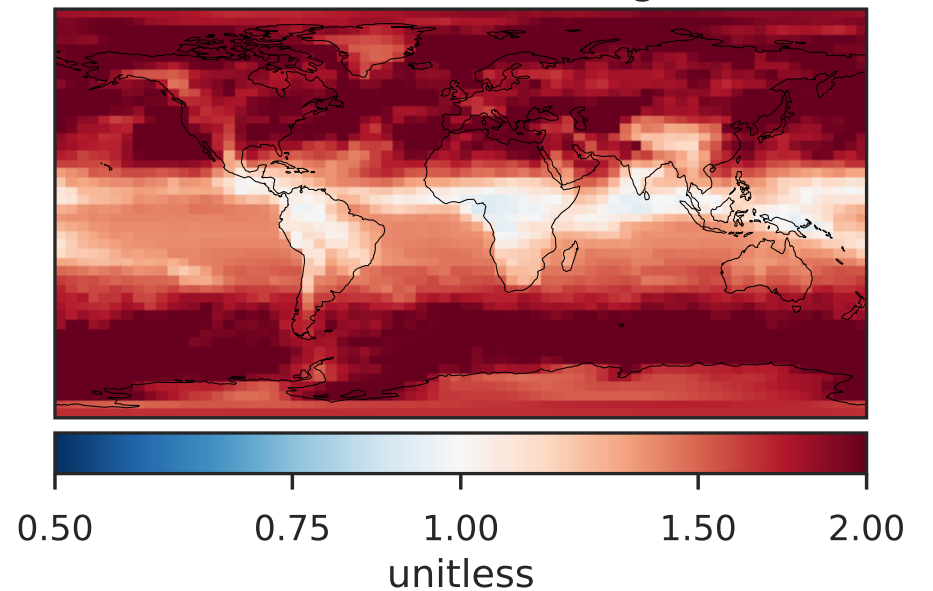
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

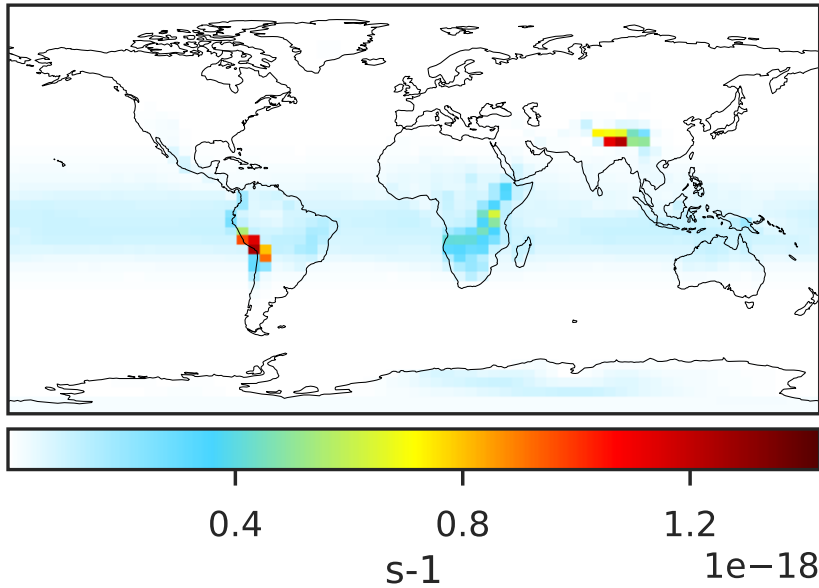


Ratio
Dev/Ref, Fixed Range

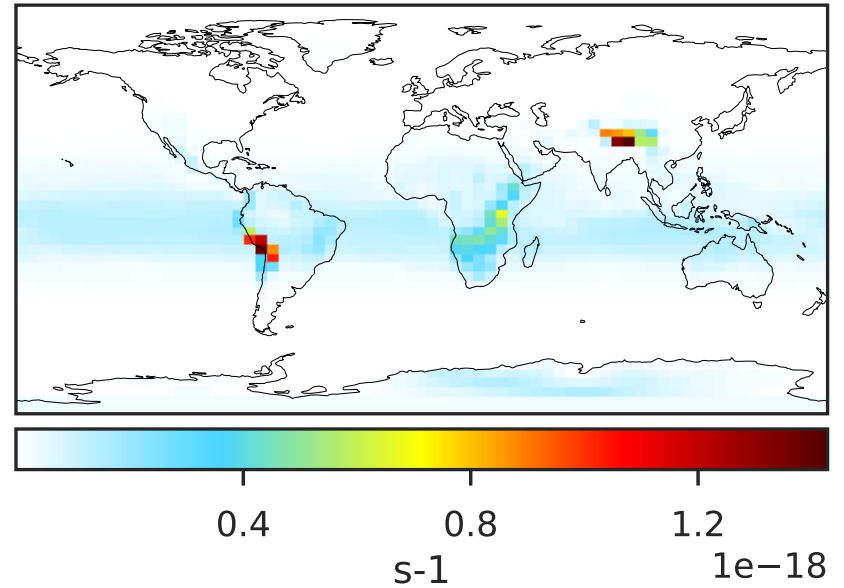


Jval_CFC115 (Oct2019)

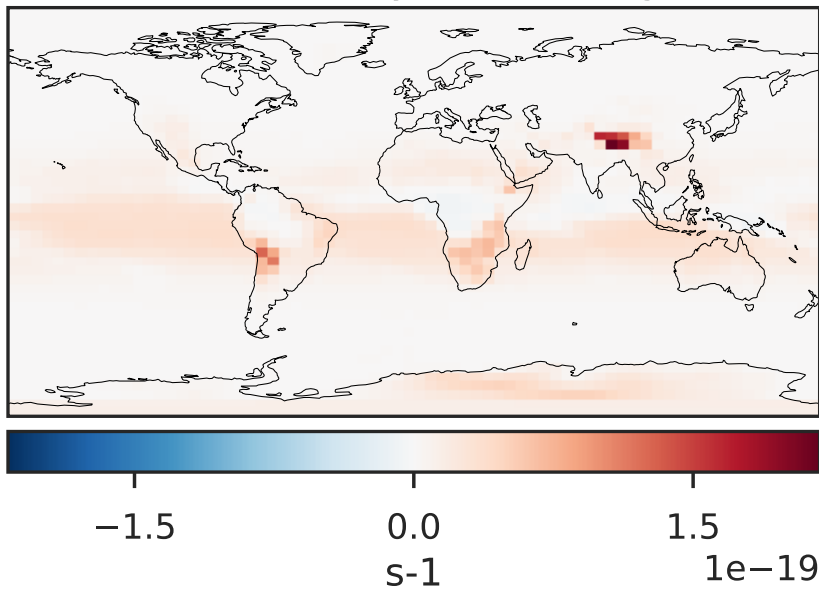
14.2.0-rc.2 (Ref)
4.0x5.0



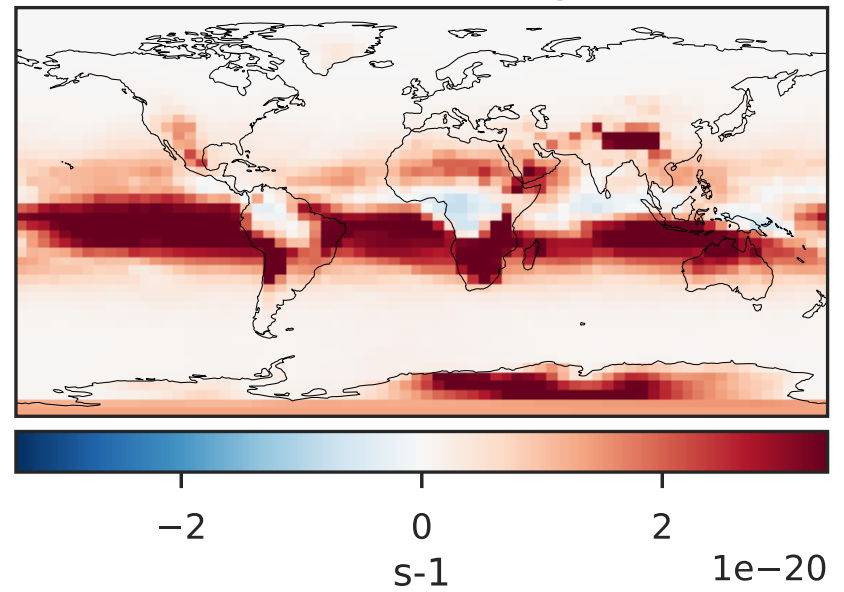
14.3.0-rc.0 (Dev)
4.0x5.0



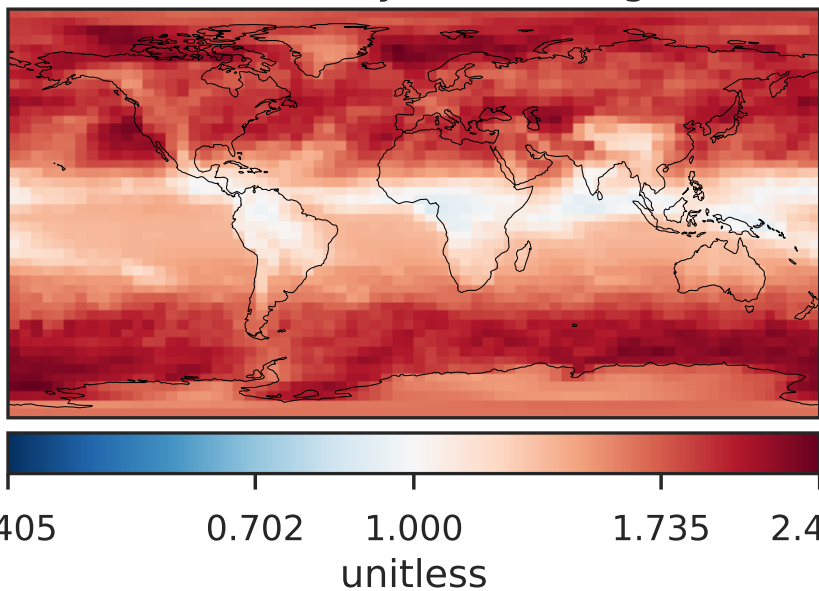
Difference
Dev - Ref, Dynamic Range



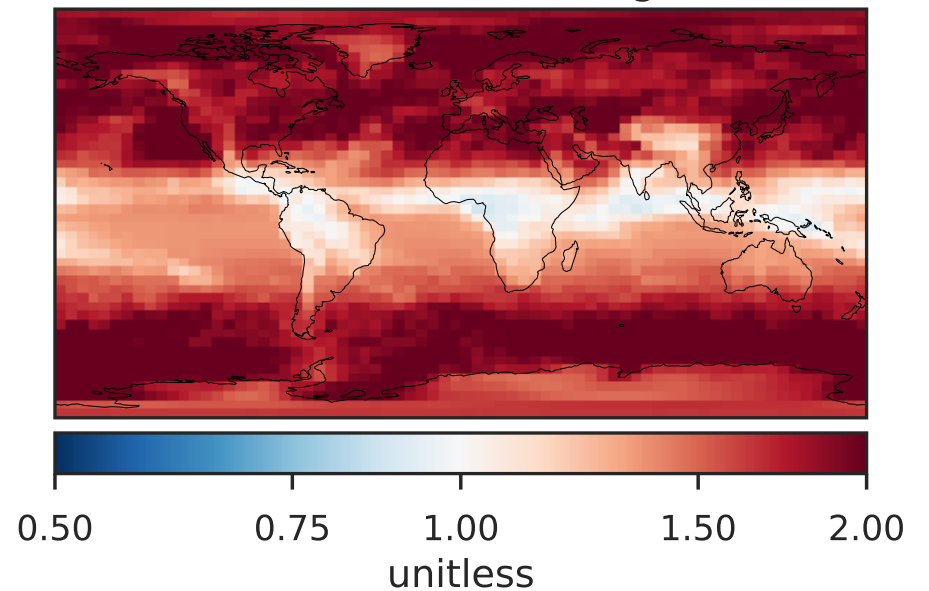
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

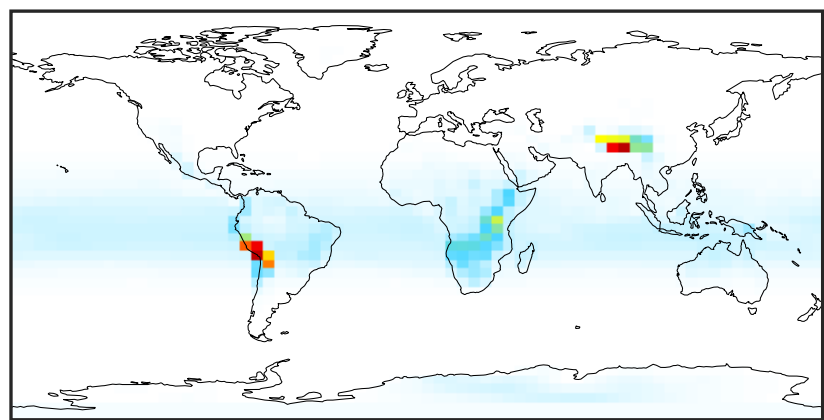


Ratio
Dev/Ref, Fixed Range



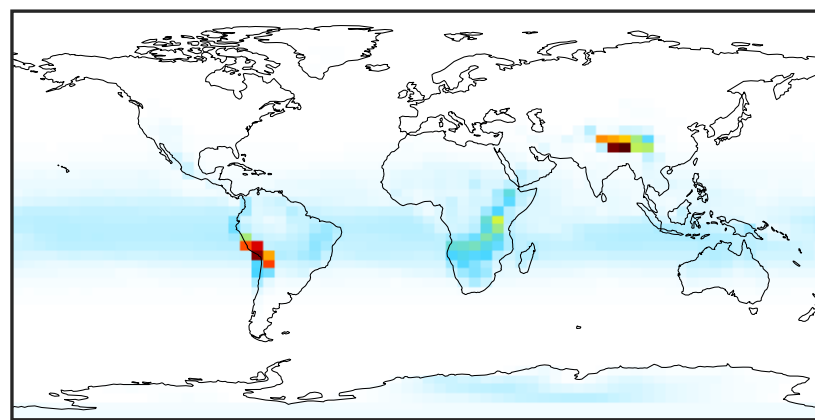
Jval_CFC12 (Oct2019)

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



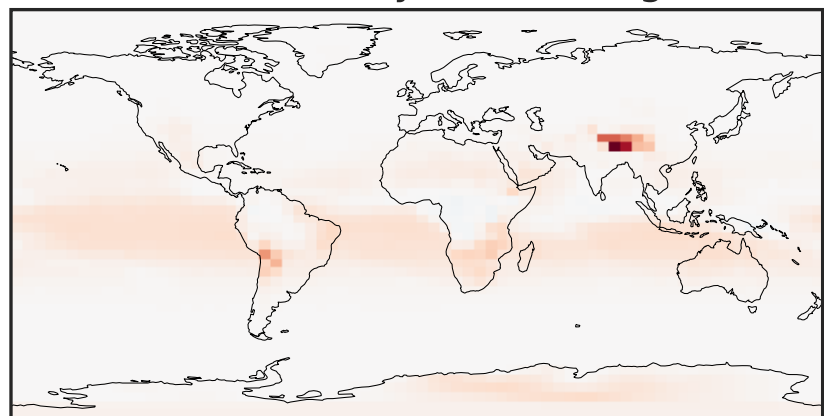
0.5 1.0 1.5
s-1 $1e-16$

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



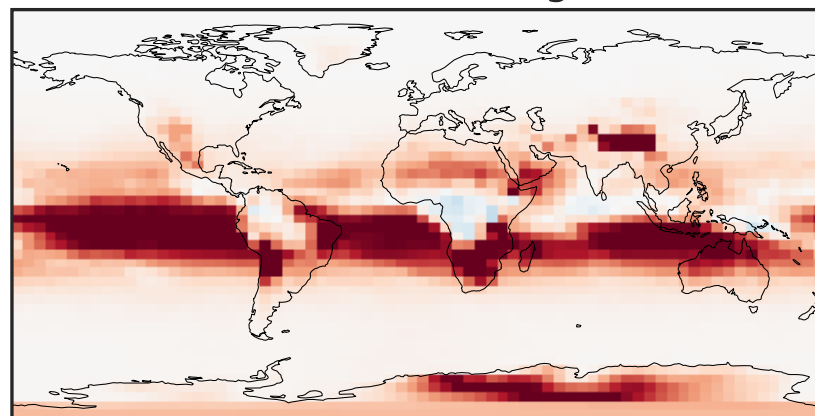
0.5 1.0 1.5
s-1 $1e-16$

Difference
Dev - Ref, Dynamic Range



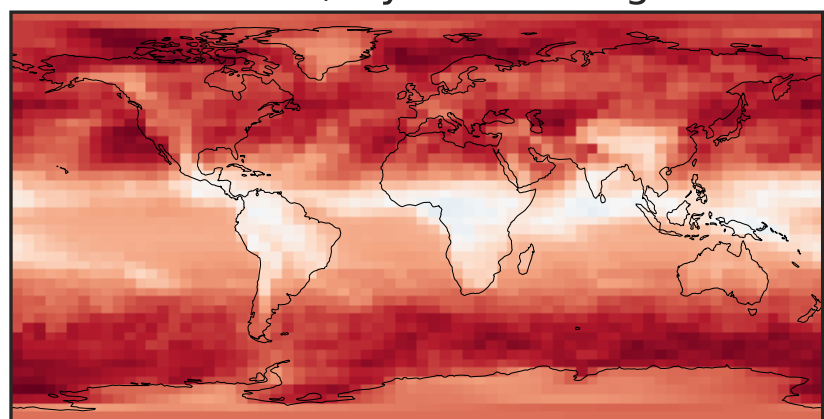
-2 0 2
s-1 $1e-17$

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



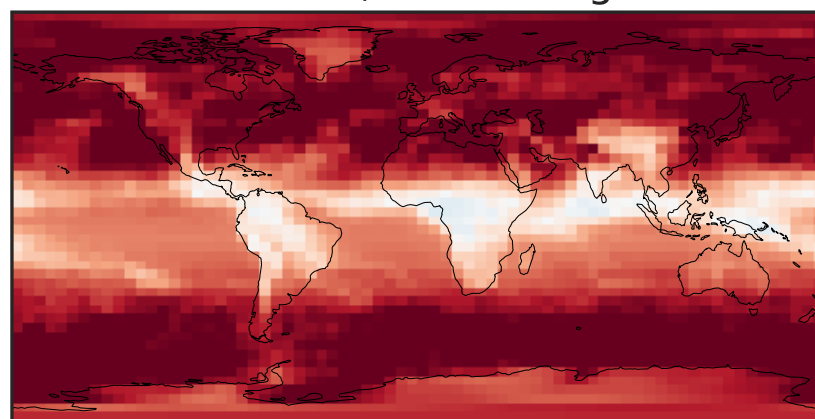
-2.5 0.0 2.5
s-1 $1e-18$

Ratio
Dev/Ref, Dynamic Range



0.388 0.694 1.000 1.787 2.575
unitless

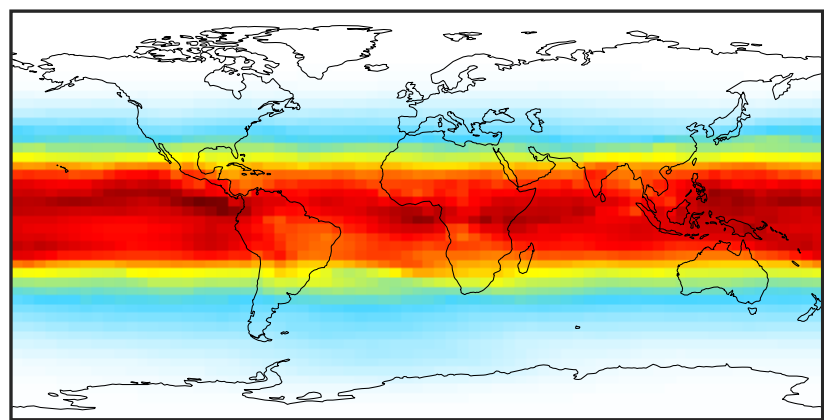
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

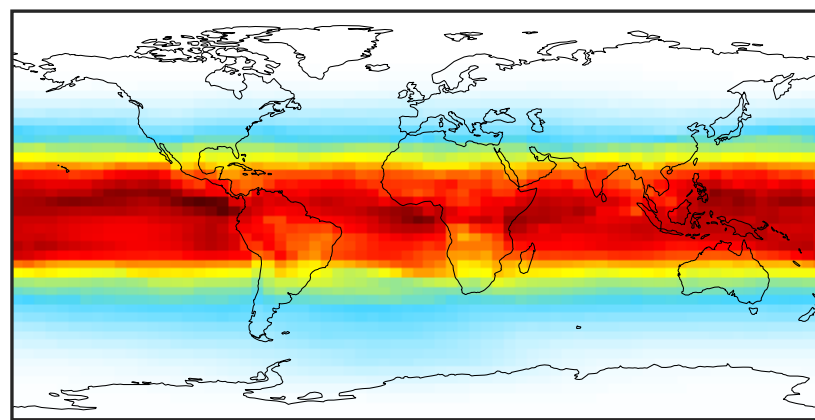
Jval_CH2Br2 (Oct2019)

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



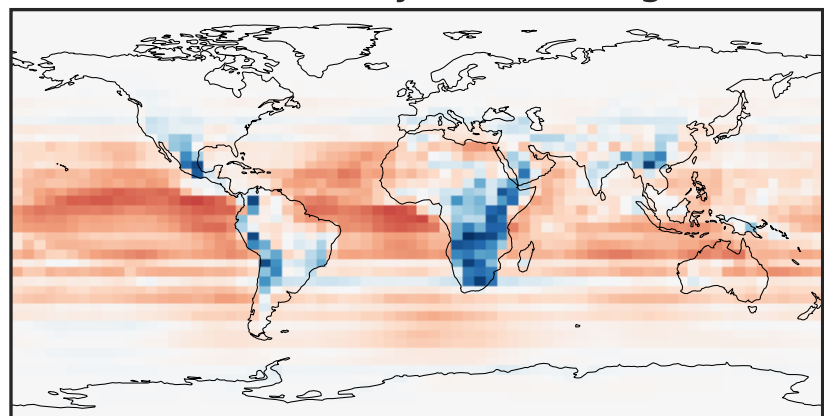
0.5 1.0 1.5
s-1 1e-9

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



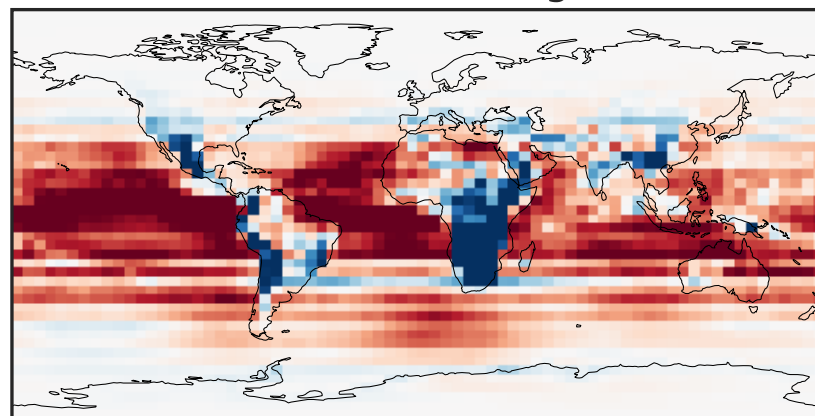
0.5 1.0 1.5
s-1 1e-9

Difference
Dev - Ref, Dynamic Range



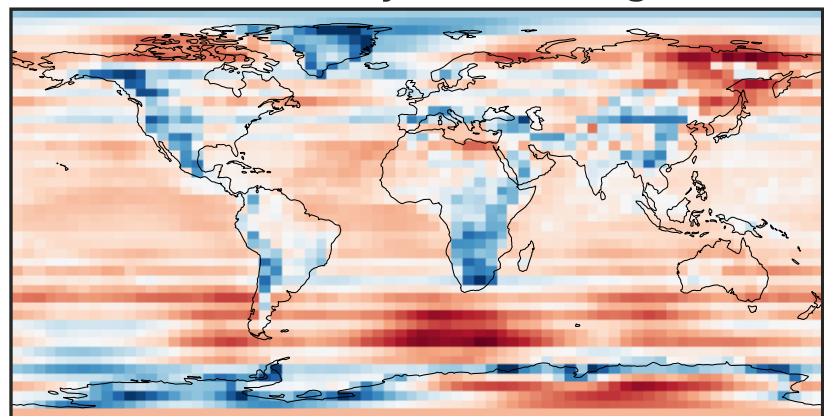
-6 0 6
s-1 1e-11

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



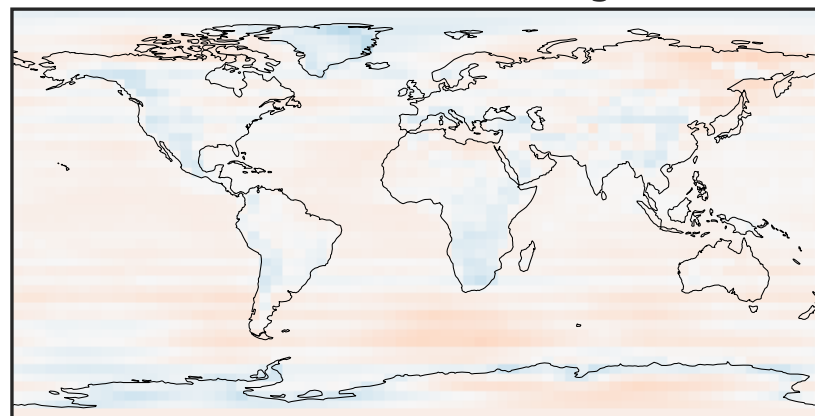
-2.5 0.0 2.5
s-1 1e-11

Ratio
Dev/Ref, Dynamic Range



0.8667 0.9334 1.0000 1.0769 1.1538
unitless

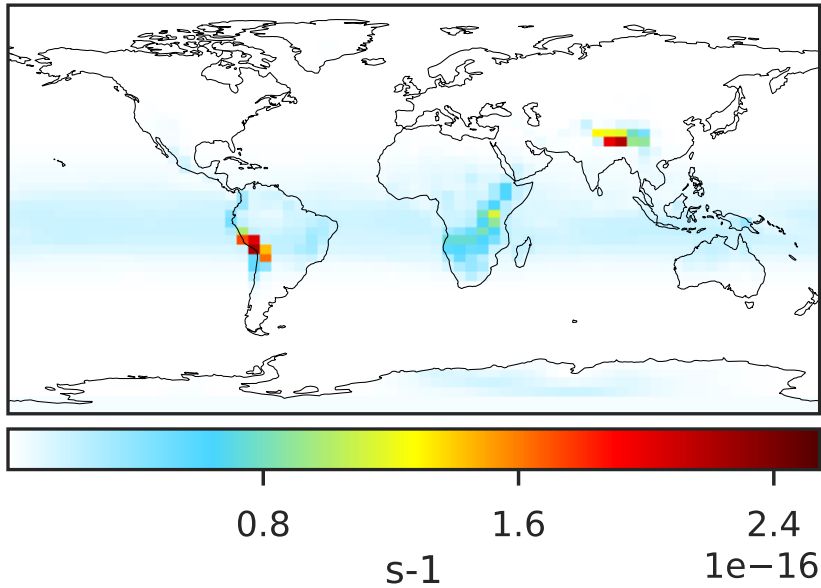
Ratio
Dev/Ref, Fixed Range



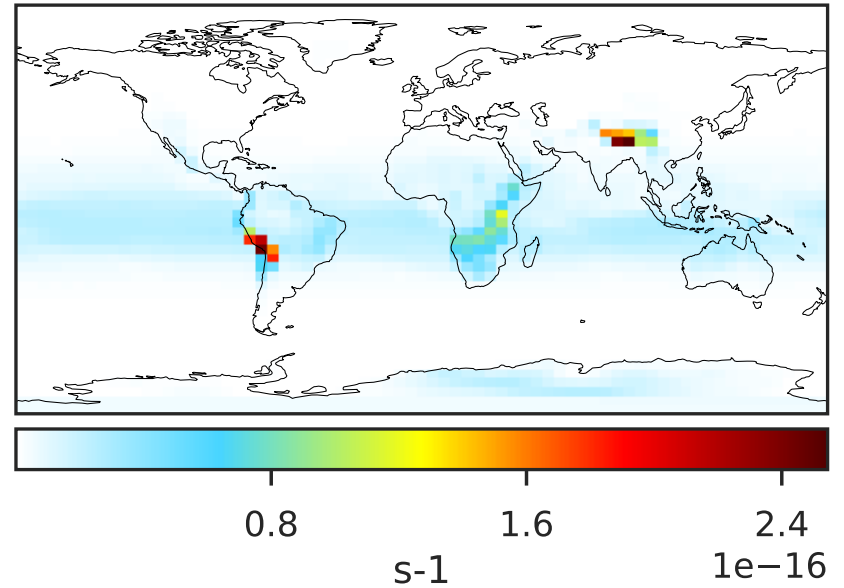
0.50 0.75 1.00 1.50 2.00
unitless

Jval_CH2Cl2 (Oct2019)

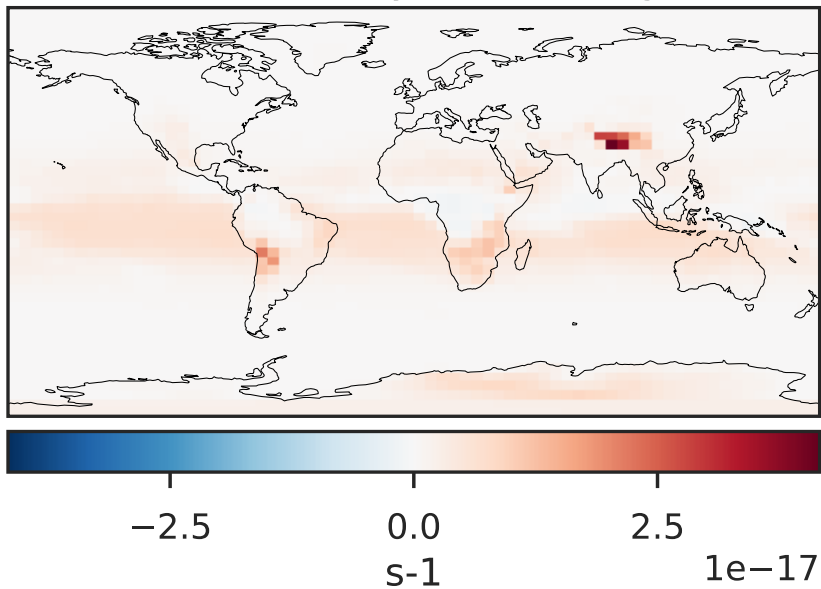
14.2.0-rc.2 (Ref)
4.0x5.0



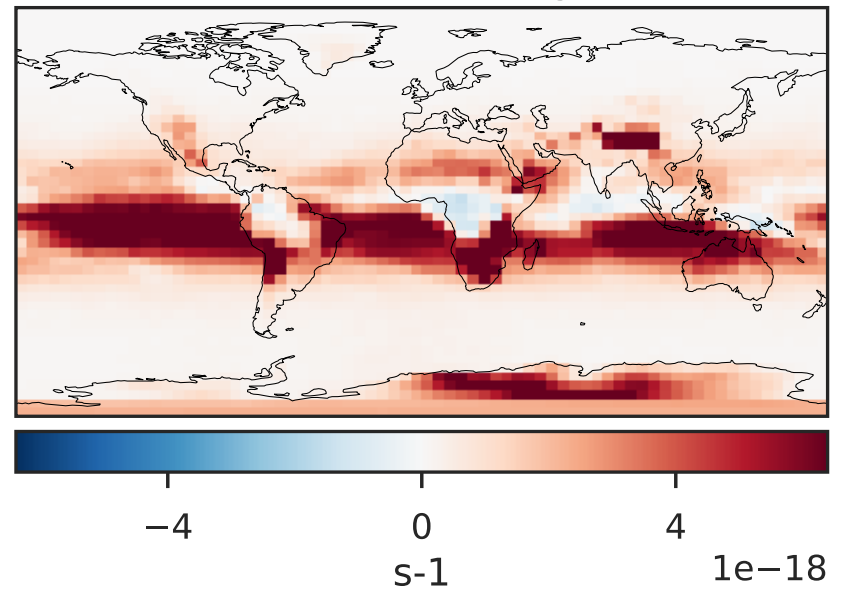
14.3.0-rc.0 (Dev)
4.0x5.0



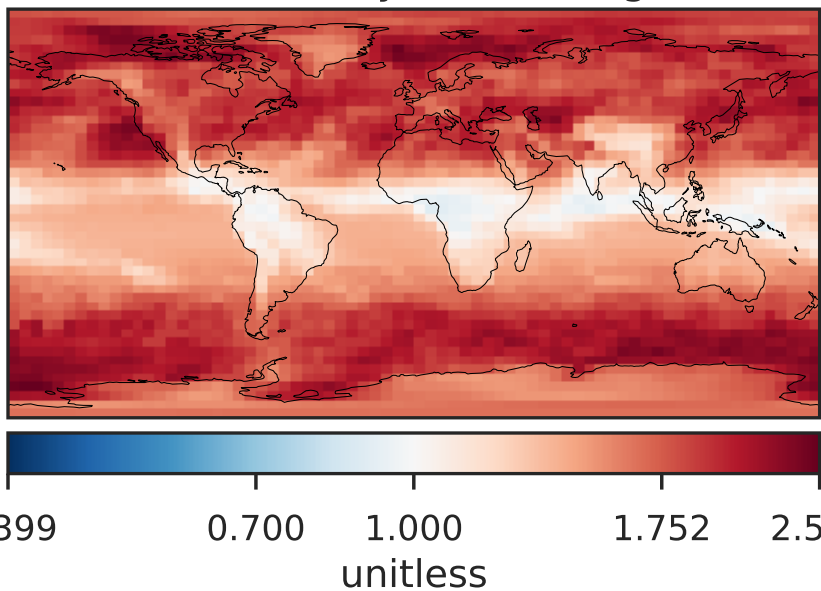
Difference
Dev - Ref, Dynamic Range



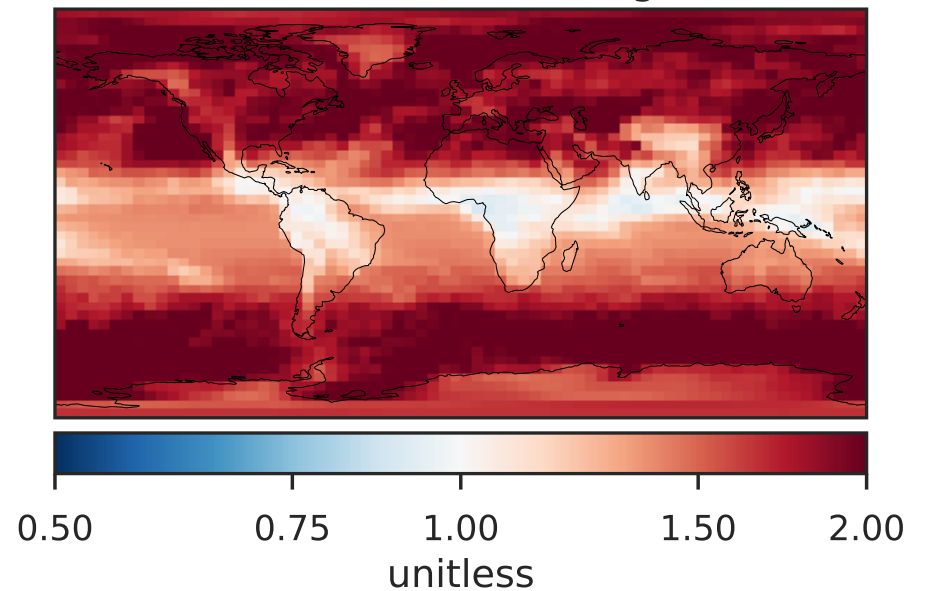
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

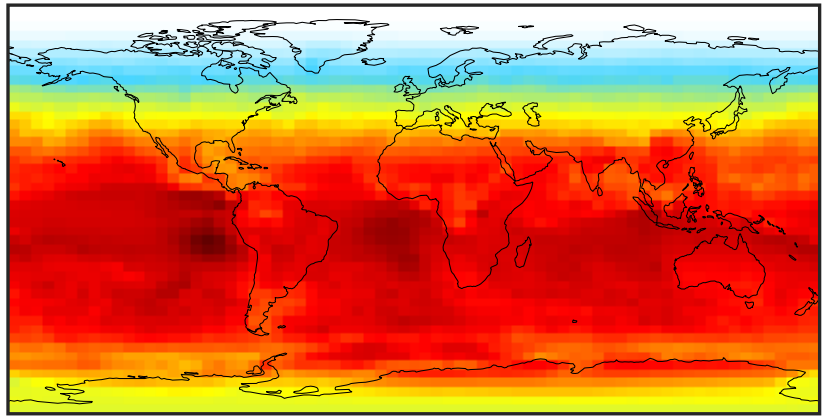


Ratio
Dev/Ref, Fixed Range



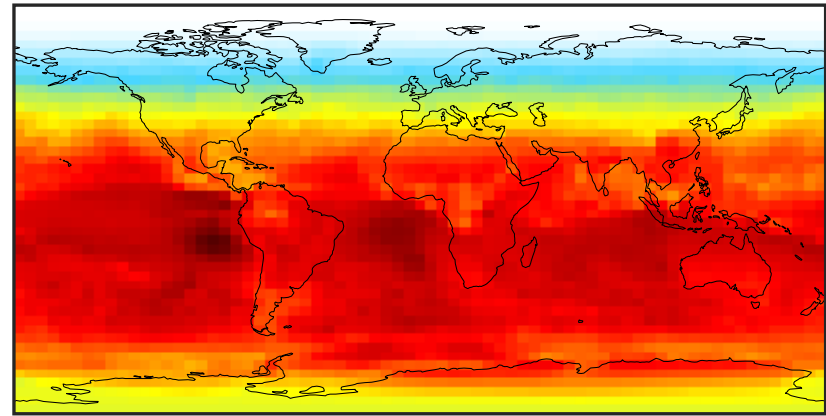
Jval_CH2I2 (Oct2019)

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



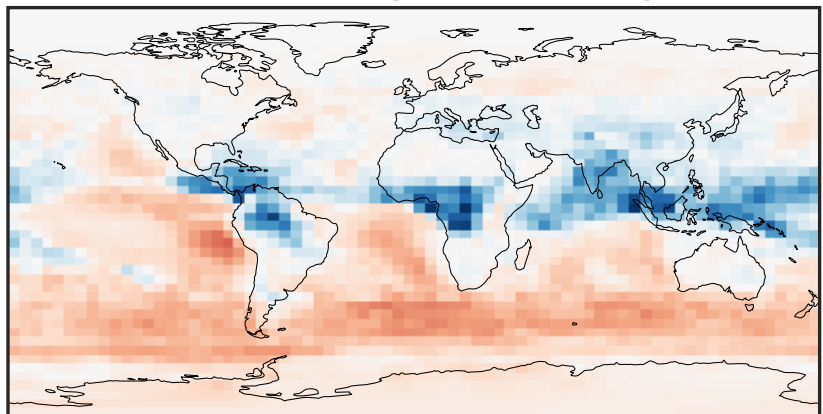
0.002 0.004 0.006
s-1

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



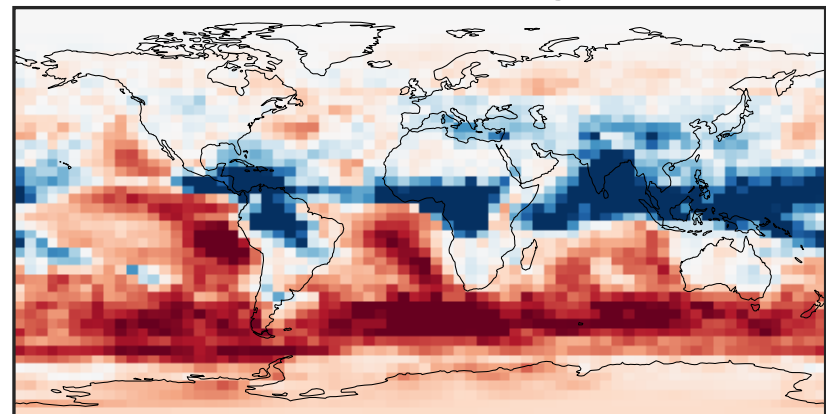
0.002 0.004 0.006
s-1

Difference
Dev - Ref, Dynamic Range



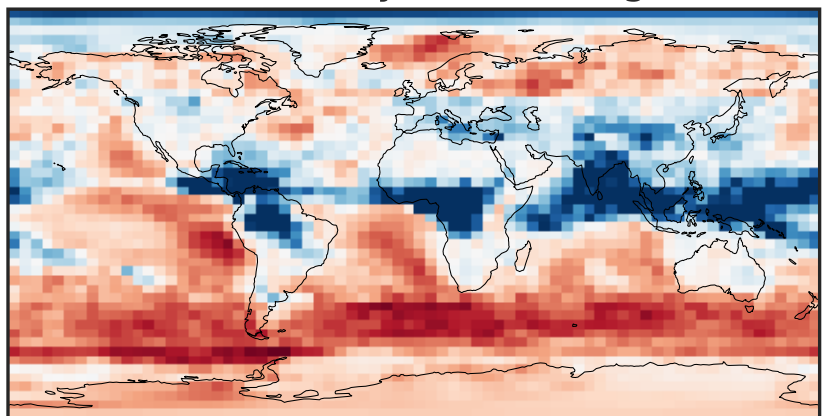
-0.00015 0.00000 0.00015
s-1

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



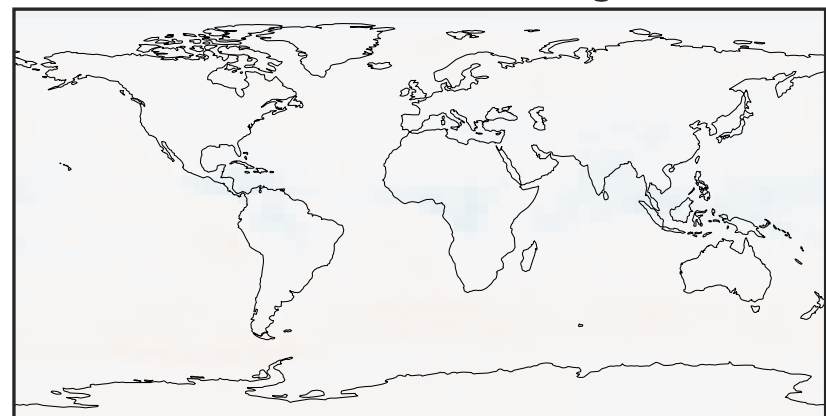
-5 0 5
s-1 1e-5

Ratio
Dev/Ref, Dynamic Range



0.97515 0.98757 1.00000 1.01274 1.02549
unitless

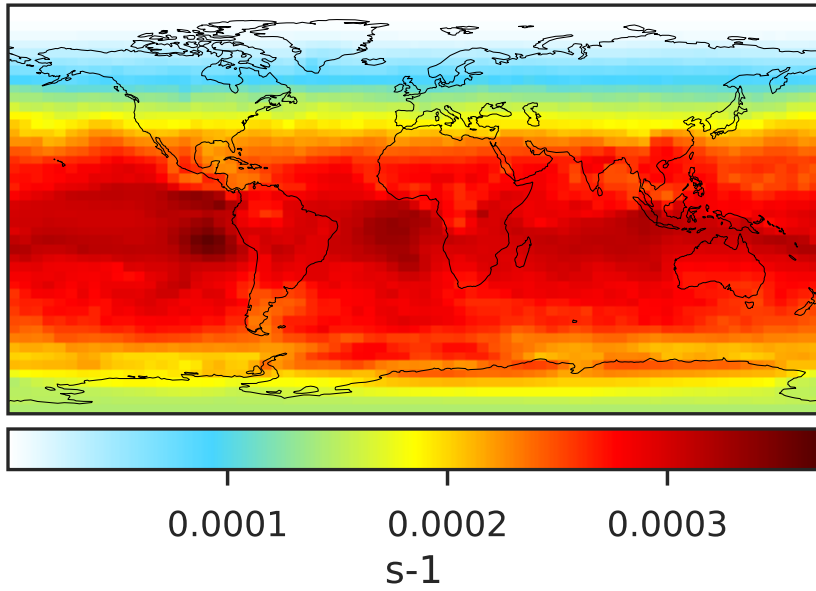
Ratio
Dev/Ref, Fixed Range



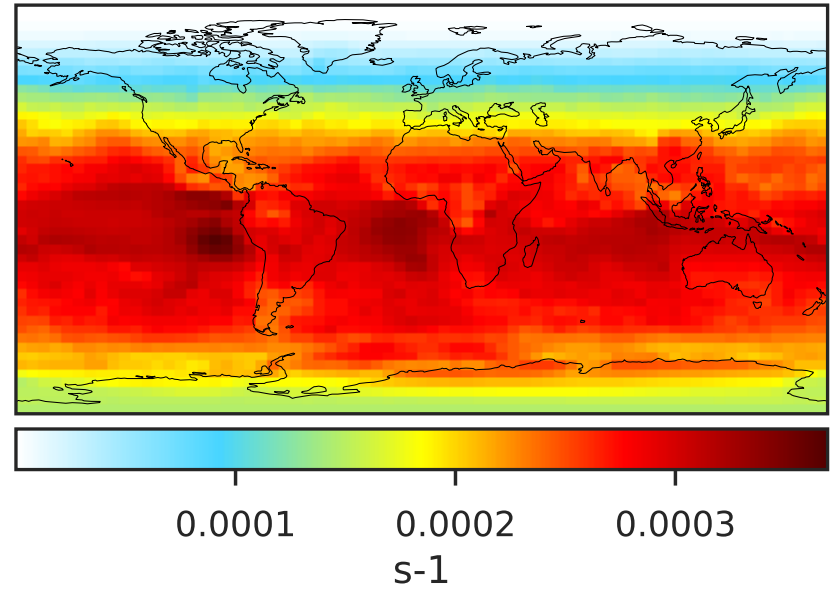
0.50 0.75 1.00 1.50 2.00
unitless

Jval_CH2IBr (Oct2019)

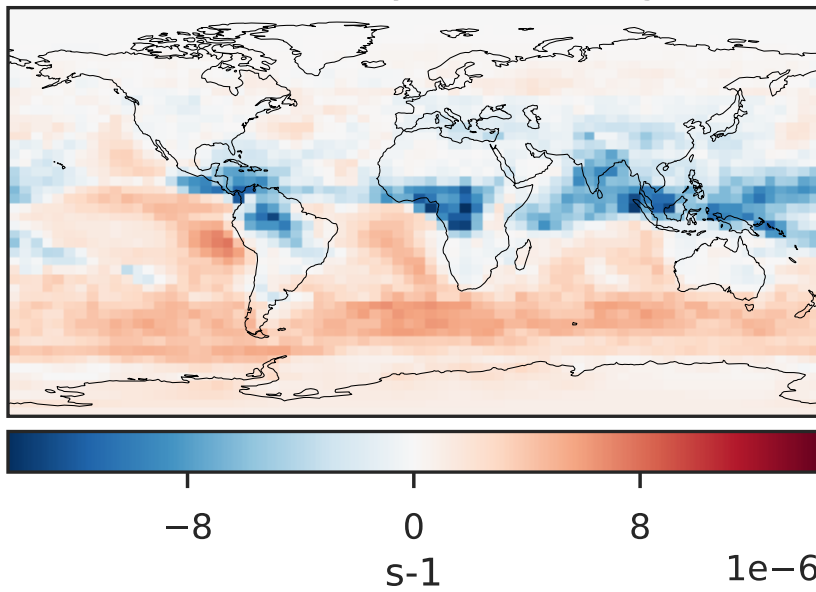
14.2.0-rc.2 (Ref)
4.0x5.0



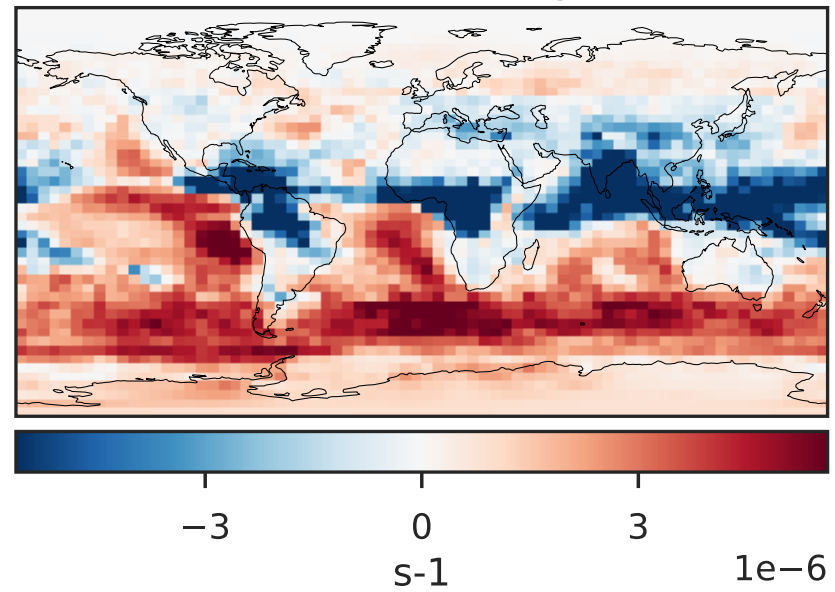
14.3.0-rc.0 (Dev)
4.0x5.0



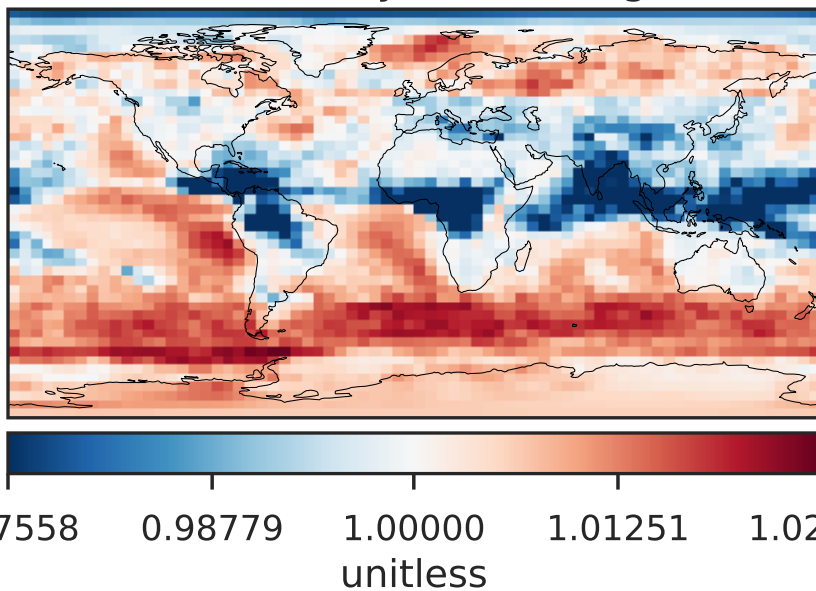
Difference
Dev - Ref, Dynamic Range



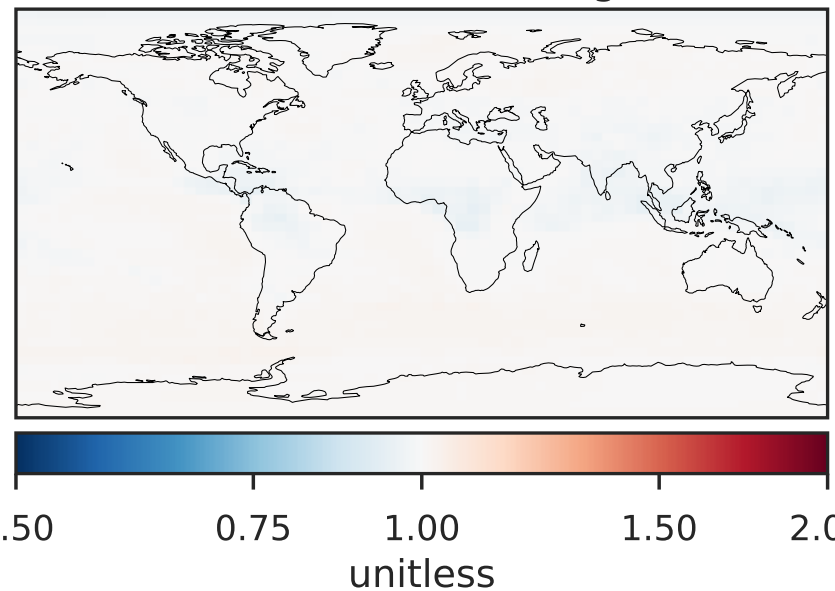
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

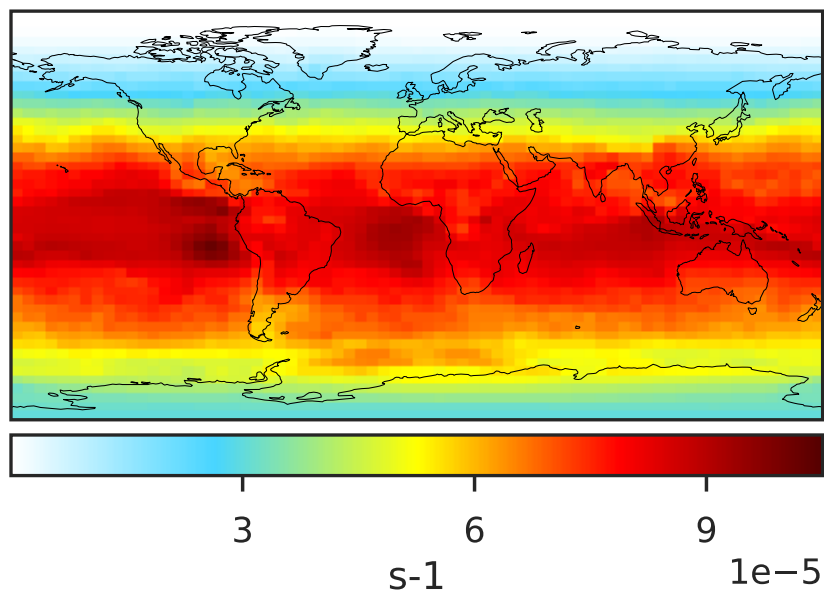


Ratio
Dev/Ref, Fixed Range

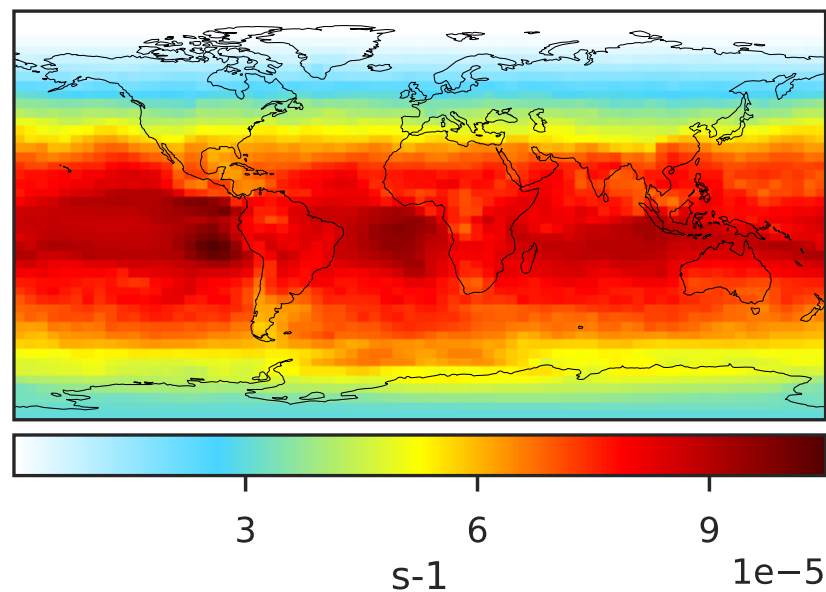


Jval_CH2ICI (Oct2019)

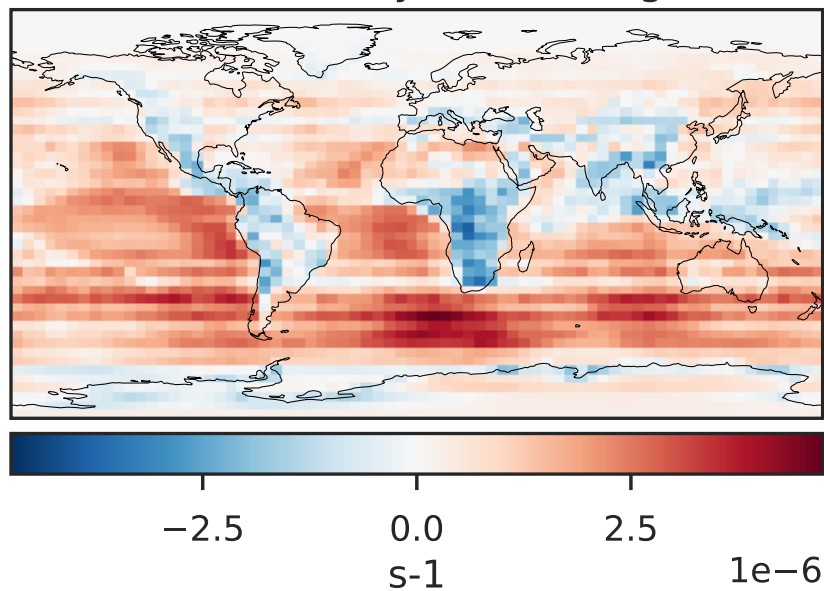
14.2.0-rc.2 (Ref)
4.0x5.0



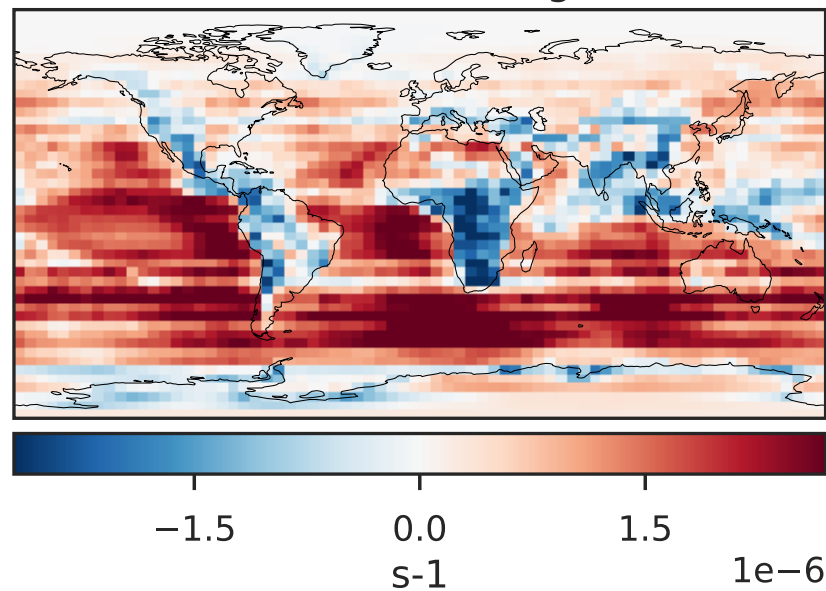
14.3.0-rc.0 (Dev)
4.0x5.0



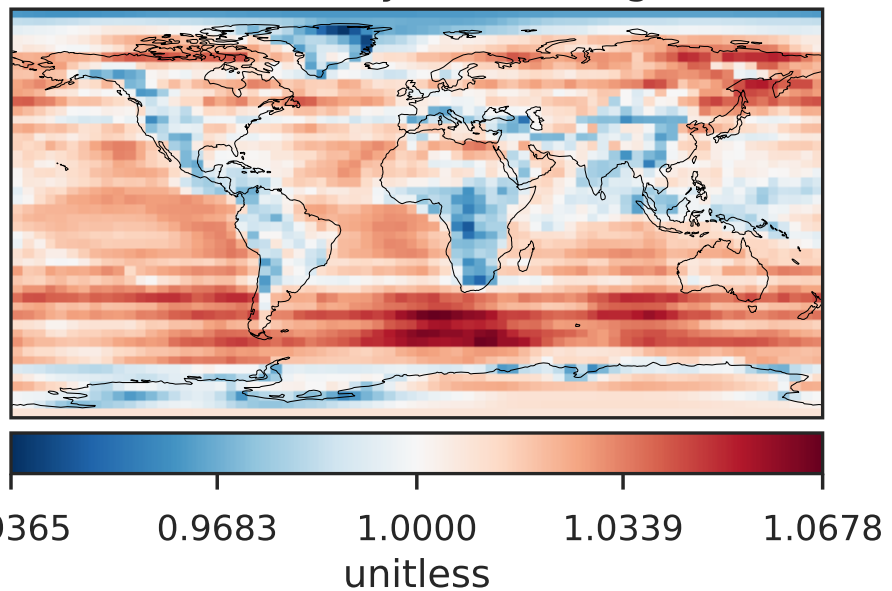
Difference
Dev - Ref, Dynamic Range



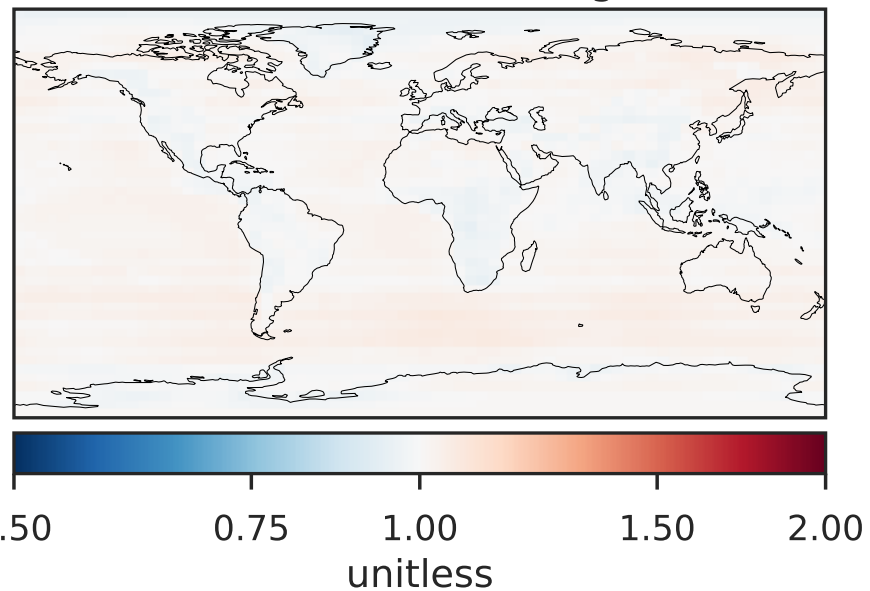
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

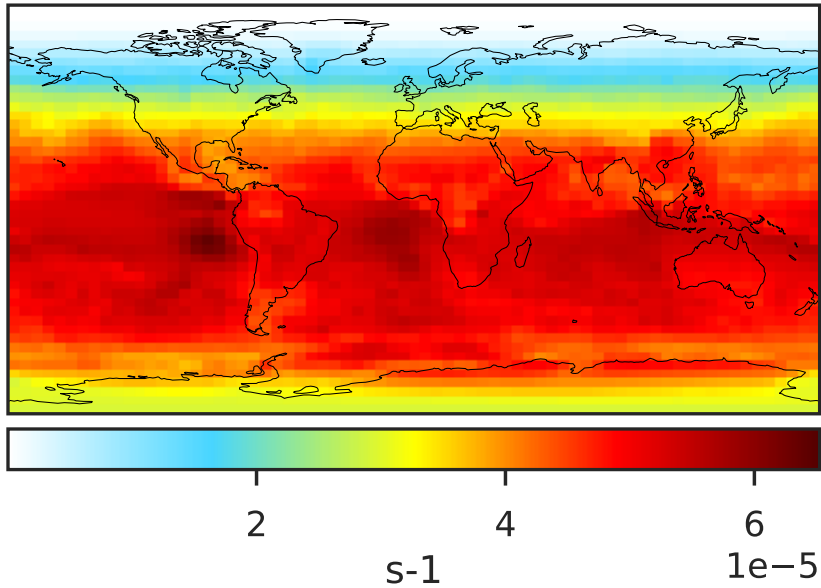


Ratio
Dev/Ref, Fixed Range

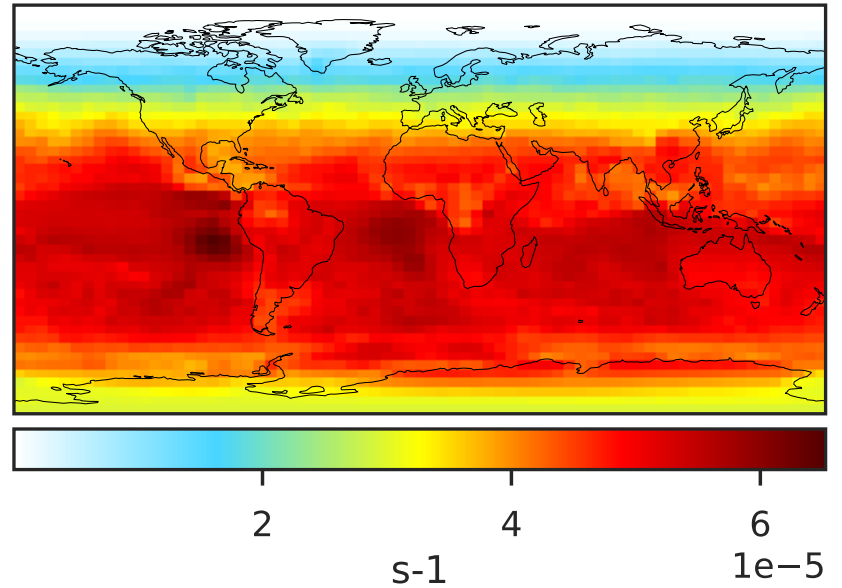


Jval_CH20 (Oct2019)

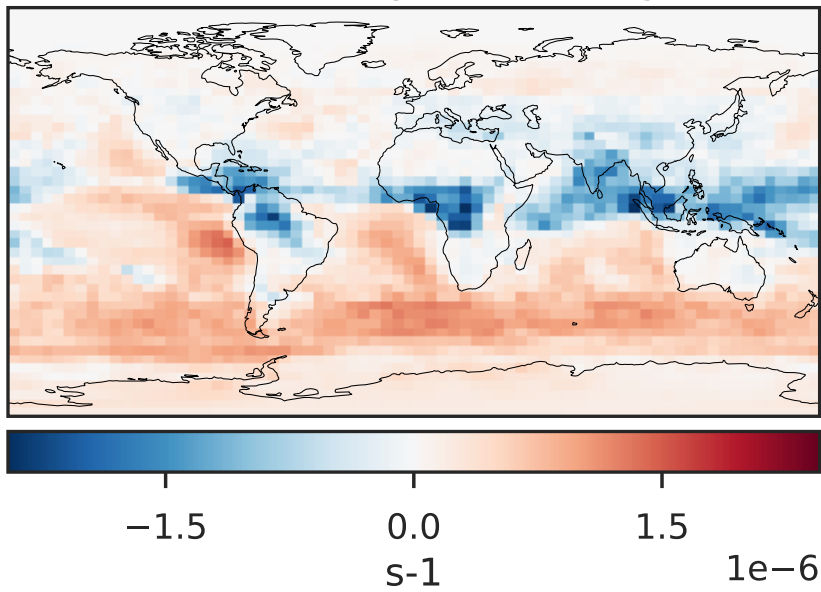
14.2.0-rc.2 (Ref)
4.0x5.0



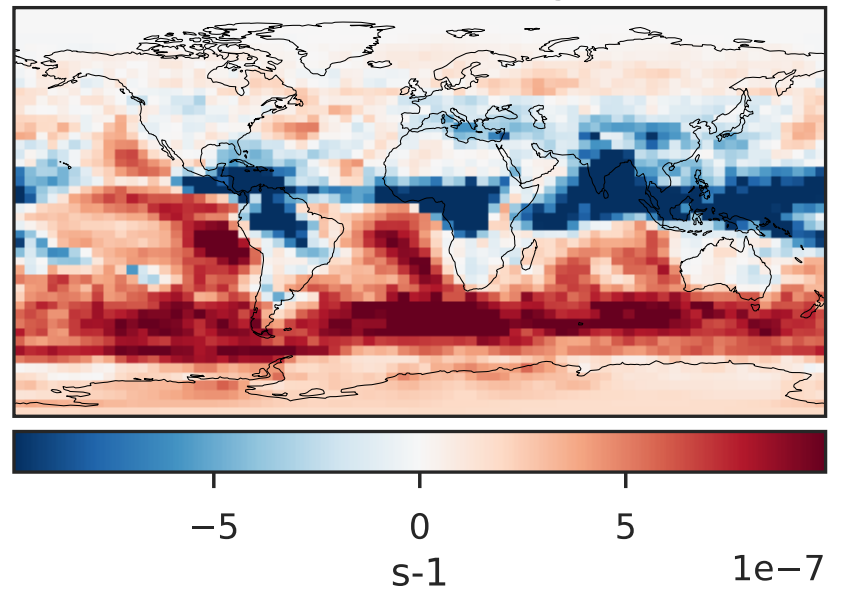
14.3.0-rc.0 (Dev)
4.0x5.0



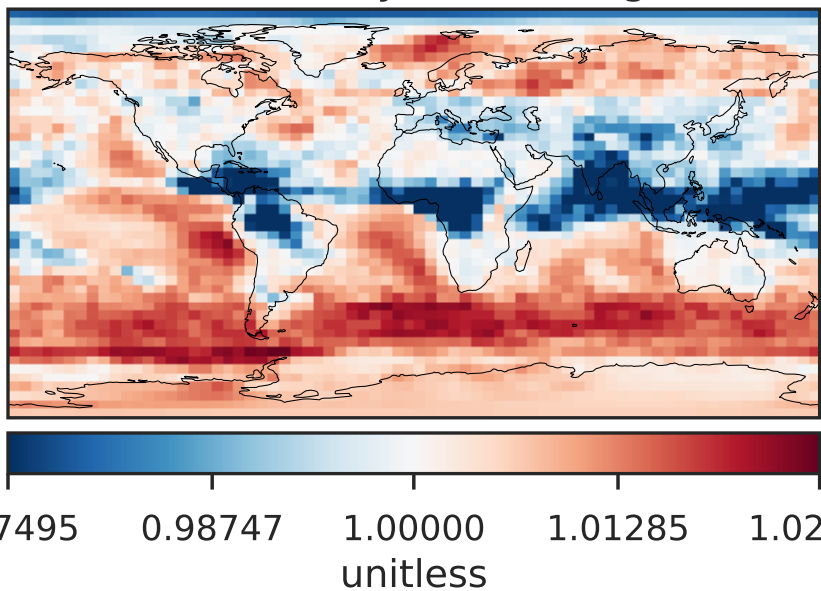
Difference
Dev - Ref, Dynamic Range



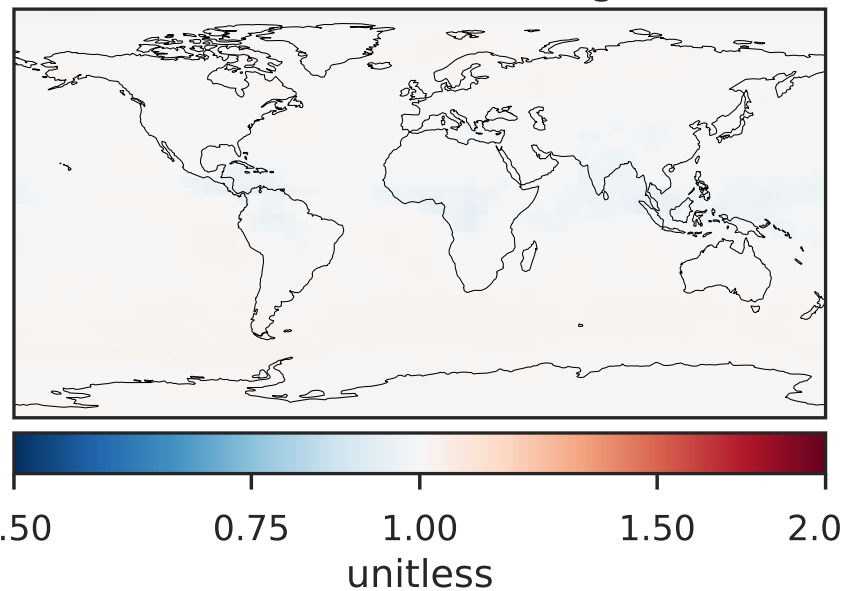
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

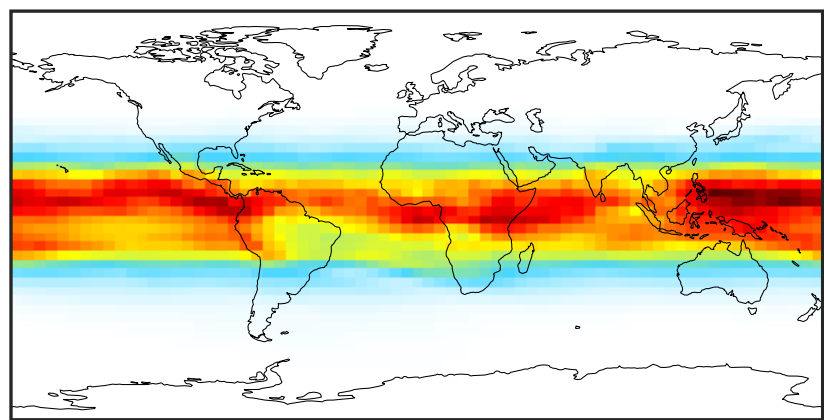


Ratio
Dev/Ref, Fixed Range



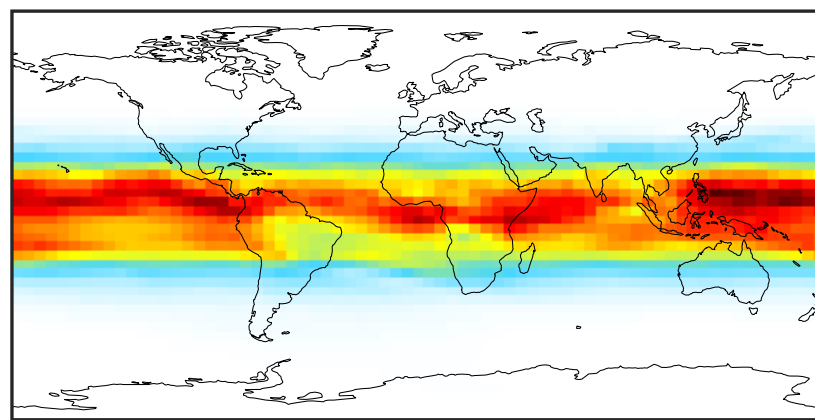
Jval_CH3Br (Oct2019)

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



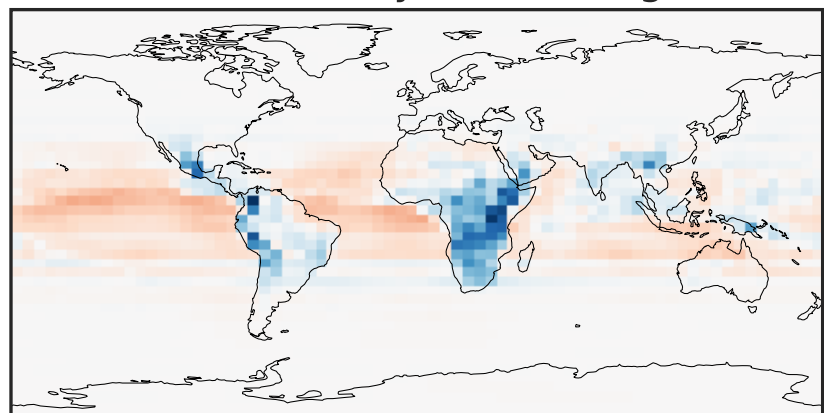
0.8 1.6 2.4
s-1 1e-13

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



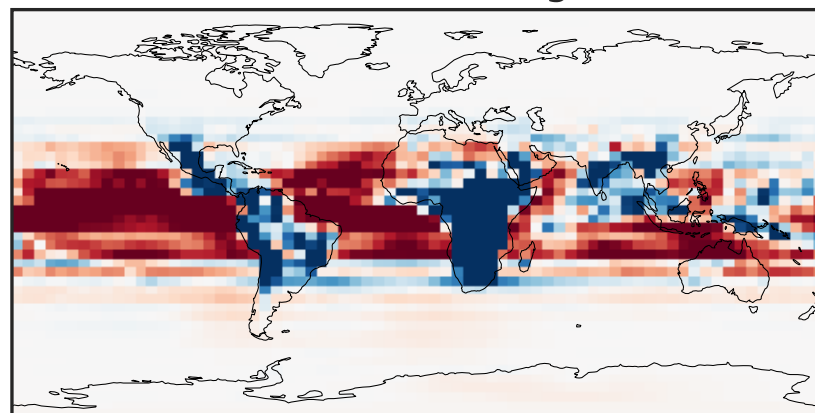
0.8 1.6 2.4
s-1 1e-13

Difference
Dev - Ref, Dynamic Range



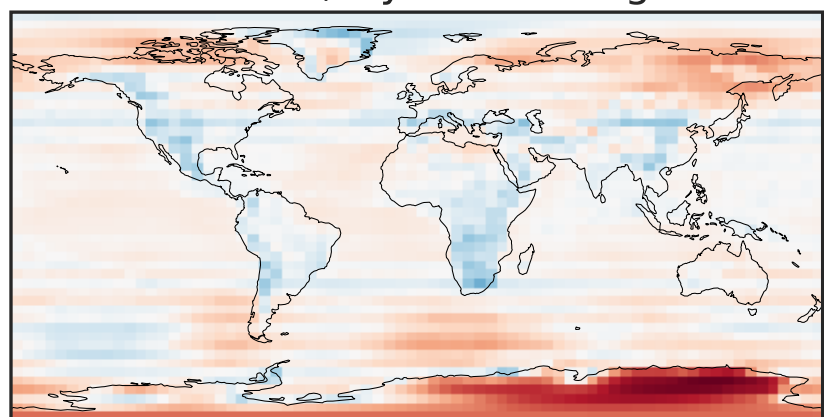
-1 0 1
s-1 1e-14

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



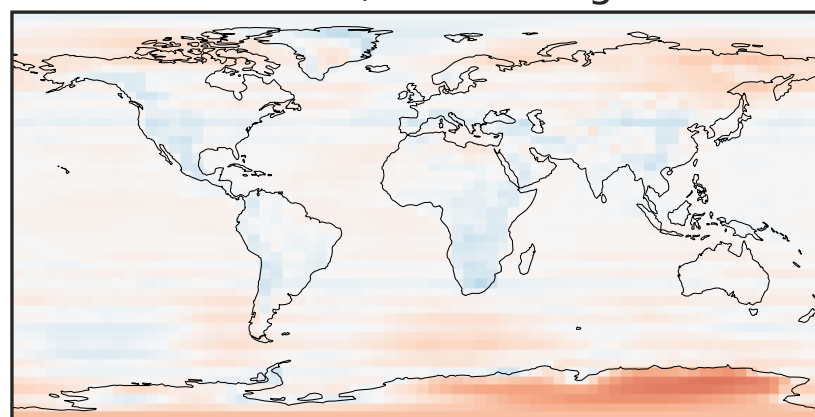
-2 0 2
s-1 1e-15

Ratio
Dev/Ref, Dynamic Range



0.6888 0.8444 1.0000 1.2259 1.4519
unitless

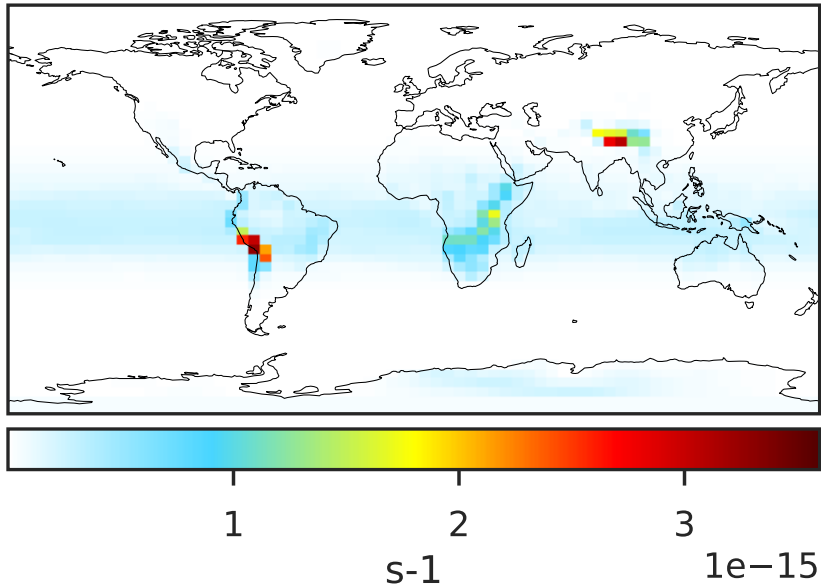
Ratio
Dev/Ref, Fixed Range



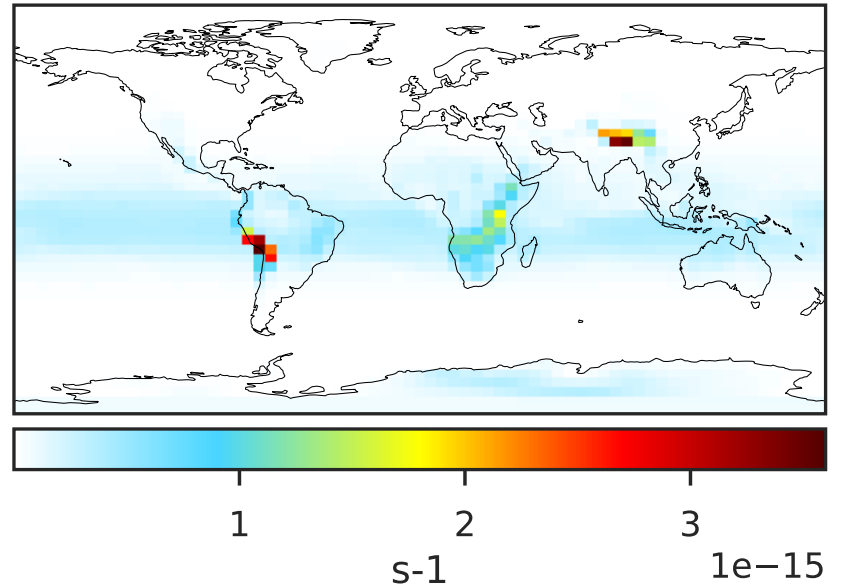
0.50 0.75 1.00 1.50 2.00
unitless

Jval_CH3CCI3 (Oct2019)

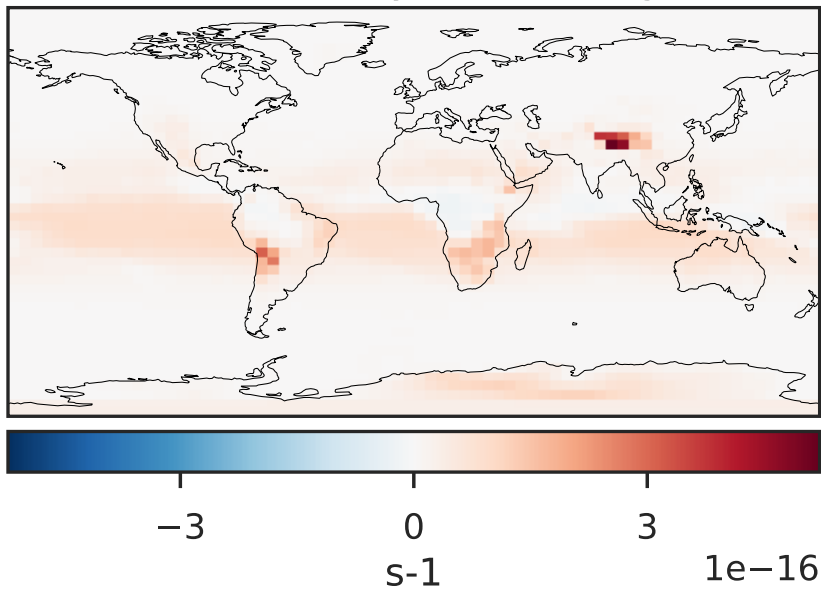
14.2.0-rc.2 (Ref)
4.0x5.0



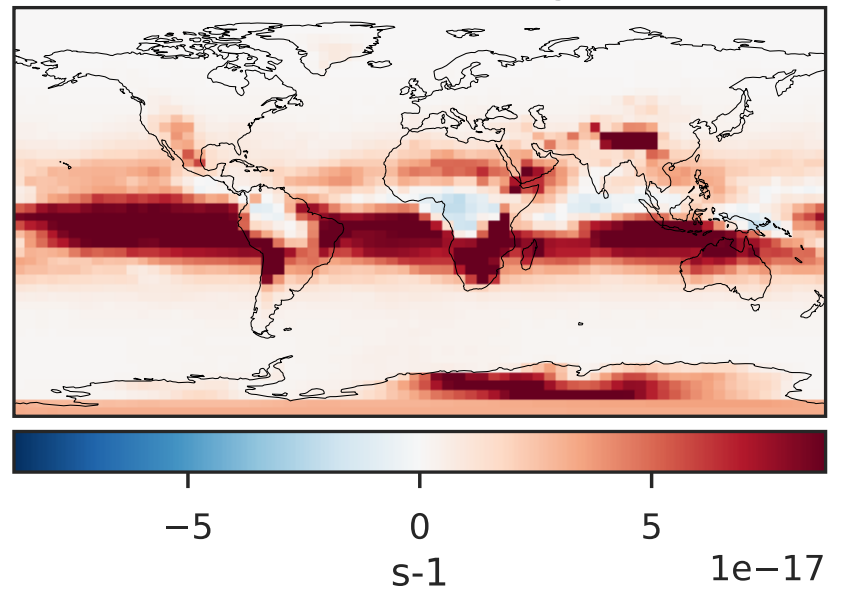
14.3.0-rc.0 (Dev)
4.0x5.0



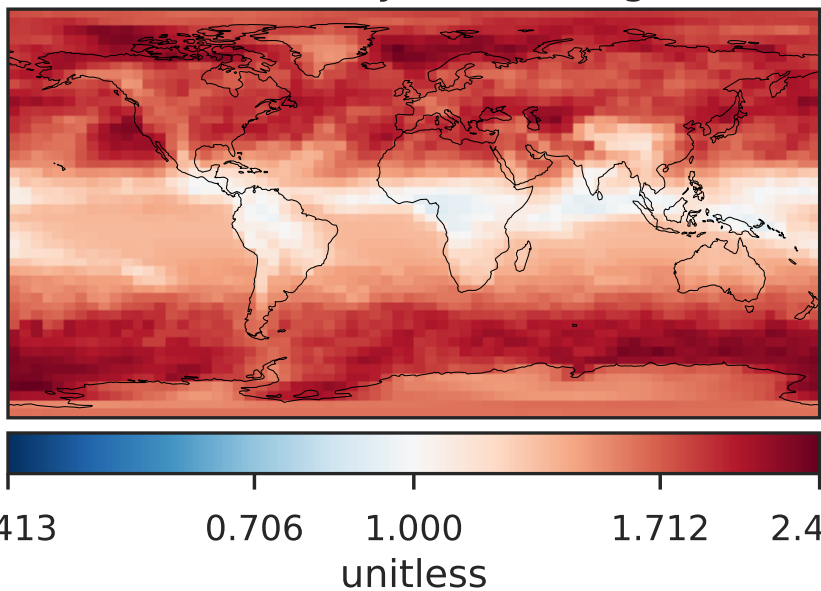
Difference
Dev - Ref, Dynamic Range



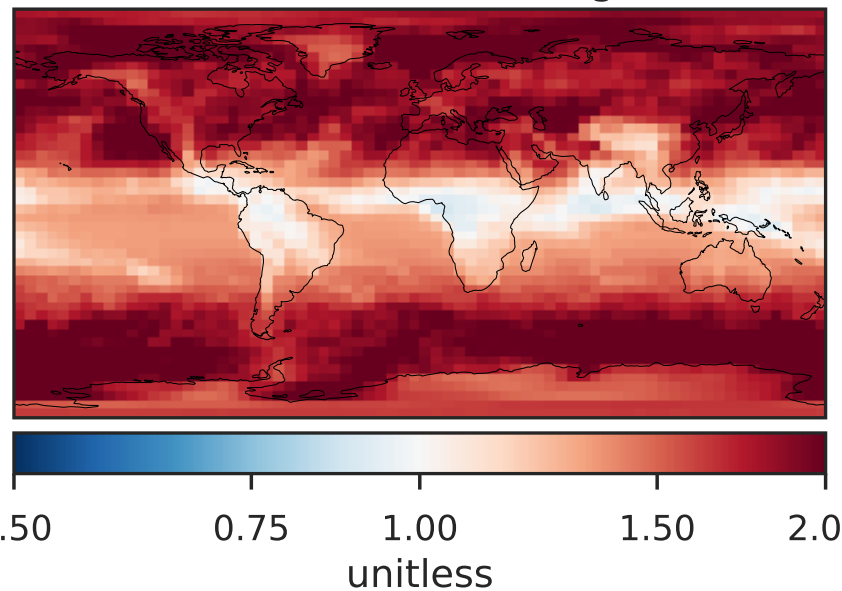
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

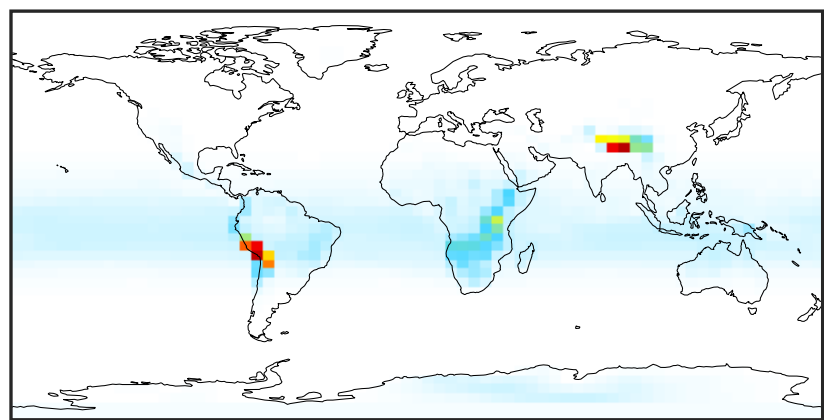


Ratio
Dev/Ref, Fixed Range



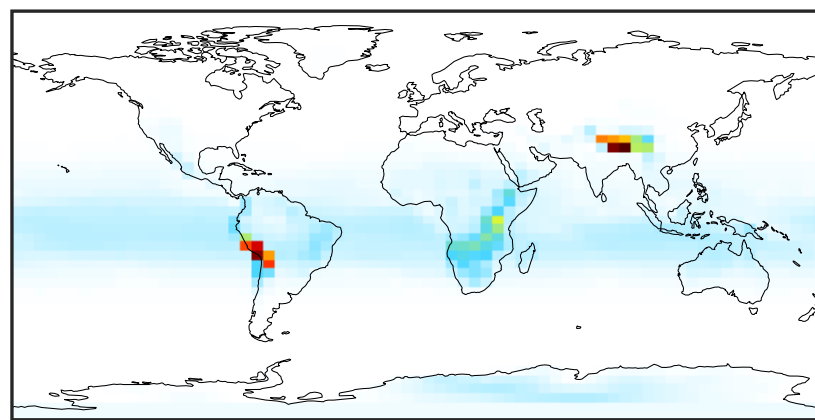
Jval_CH3Cl (Oct2019)

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



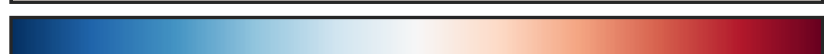
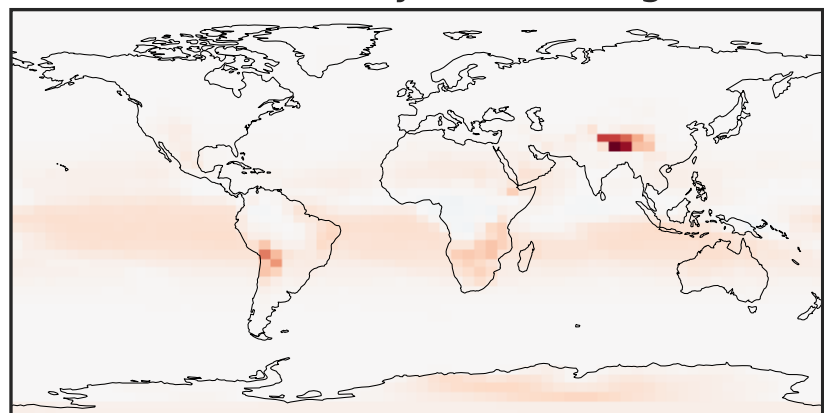
1.5 3.0
s-1 1e-17

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



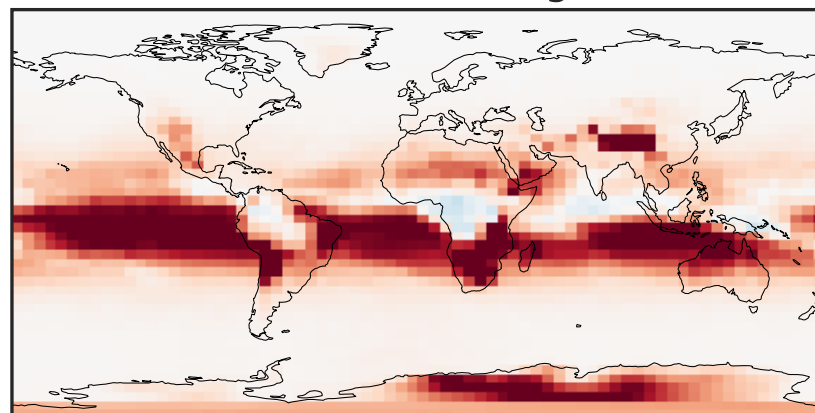
1.5 3.0
s-1 1e-17

Difference
Dev - Ref, Dynamic Range



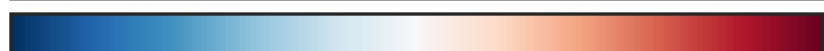
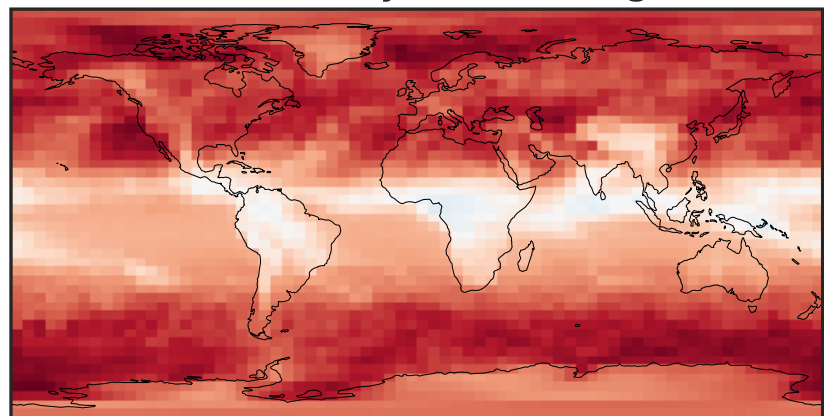
-4 0 4
s-1 1e-18

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



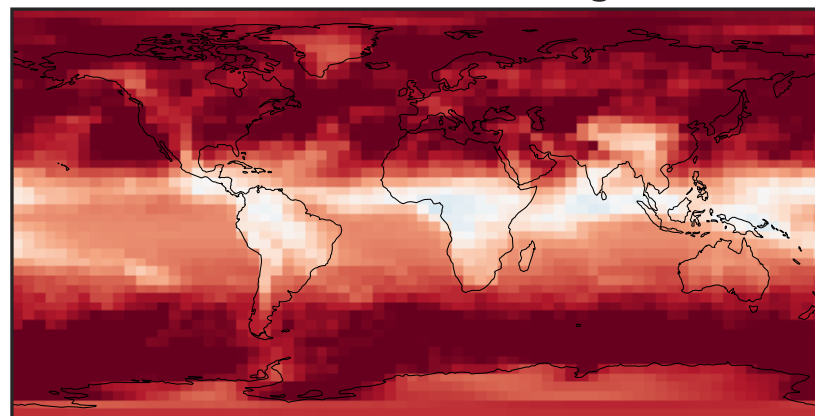
-6 0 6
s-1 1e-19

Ratio
Dev/Ref, Dynamic Range



0.396 0.698 1.000 1.763 2.527
unitless

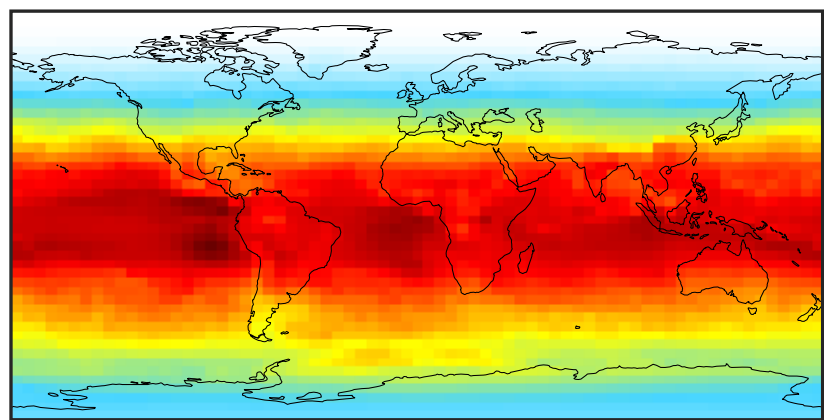
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

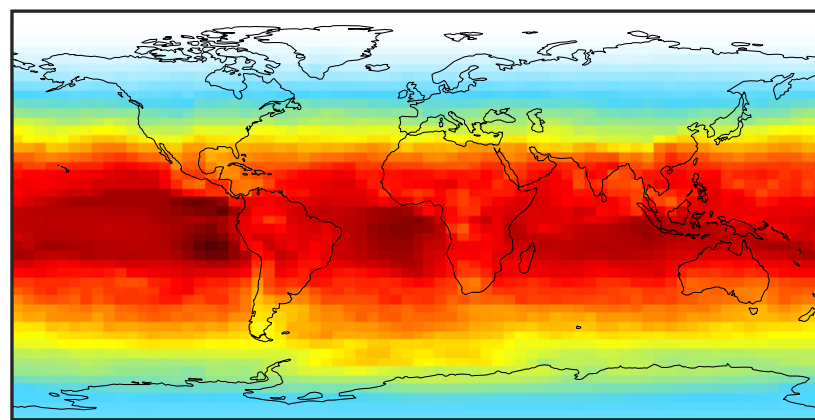
Jval_CH3I (Oct2019)

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



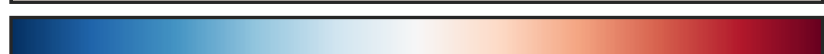
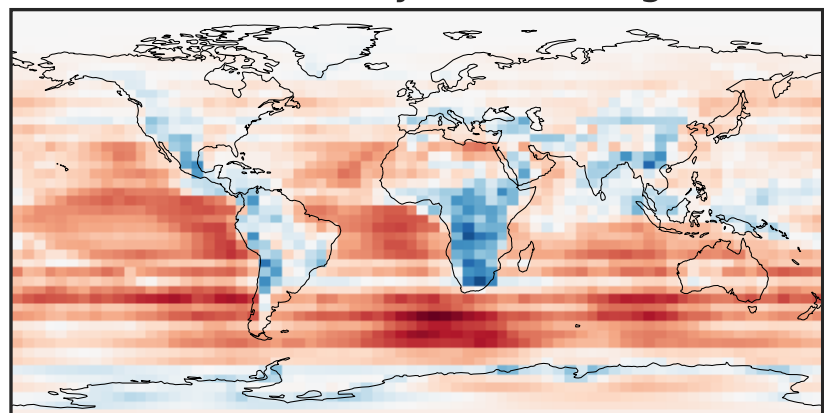
1.5 3.0
s-1 1e-6

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



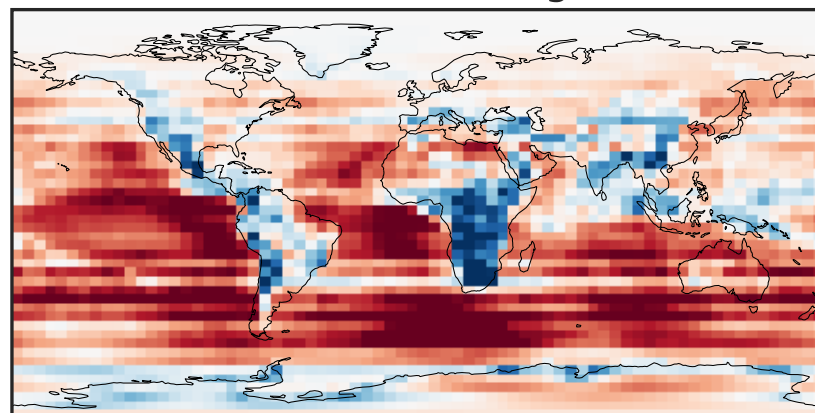
1.5 3.0
s-1 1e-6

Difference
Dev - Ref, Dynamic Range



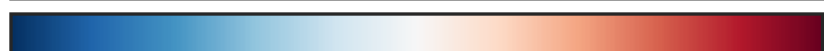
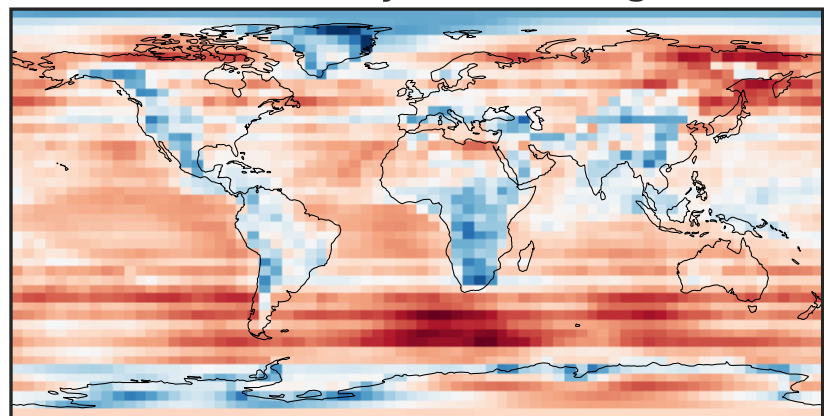
-1.5 0.0 1.5
s-1 1e-7

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



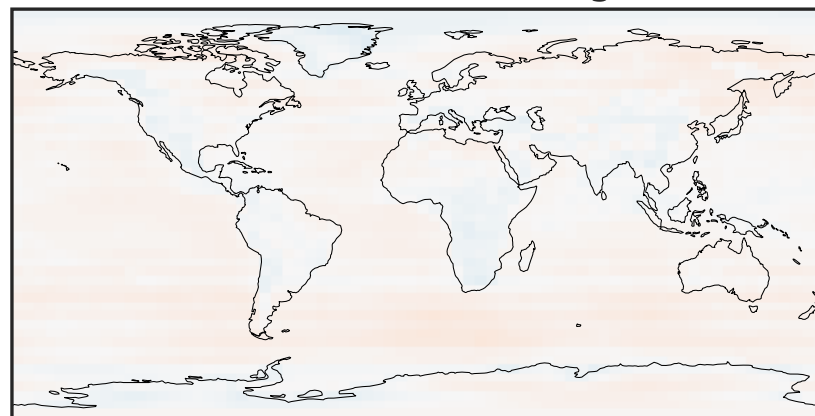
-8 0 8
s-1 1e-8

Ratio
Dev/Ref, Dynamic Range



0.9258 0.9629 1.0000 1.0401 1.0801
unitless

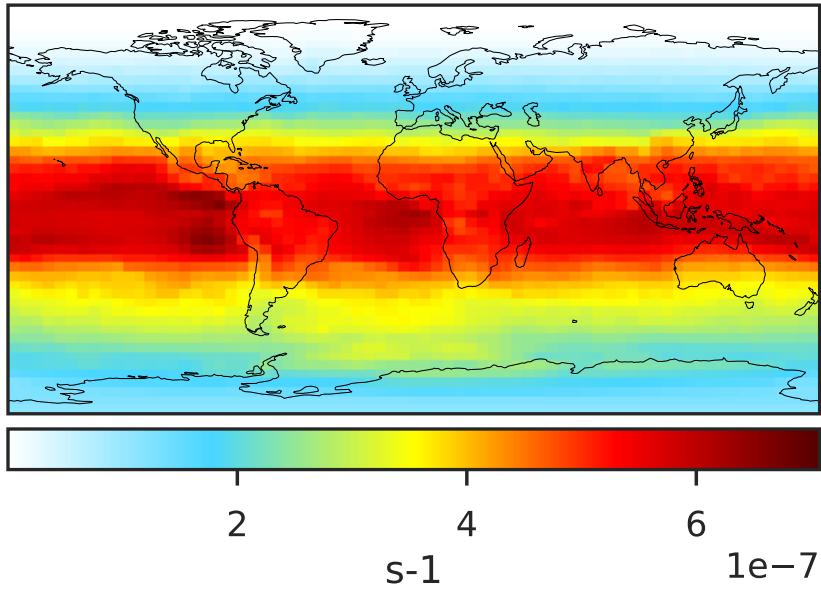
Ratio
Dev/Ref, Fixed Range



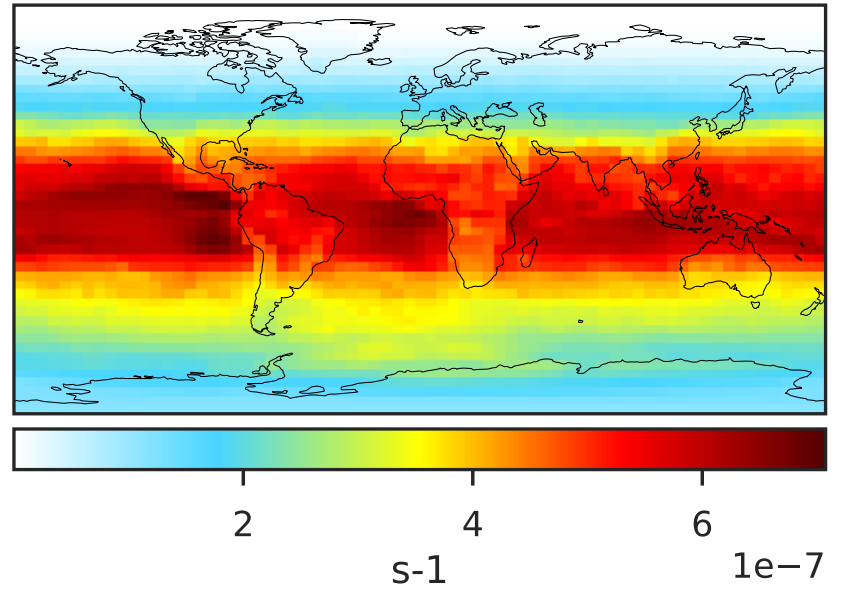
0.50 0.75 1.00 1.50 2.00
unitless

Jval_CHBr3 (Oct2019)

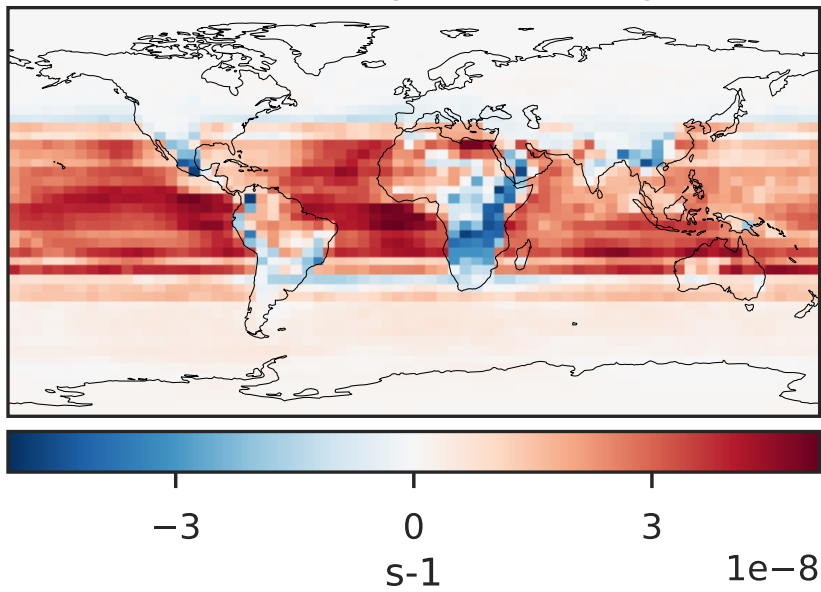
14.2.0-rc.2 (Ref)
4.0x5.0



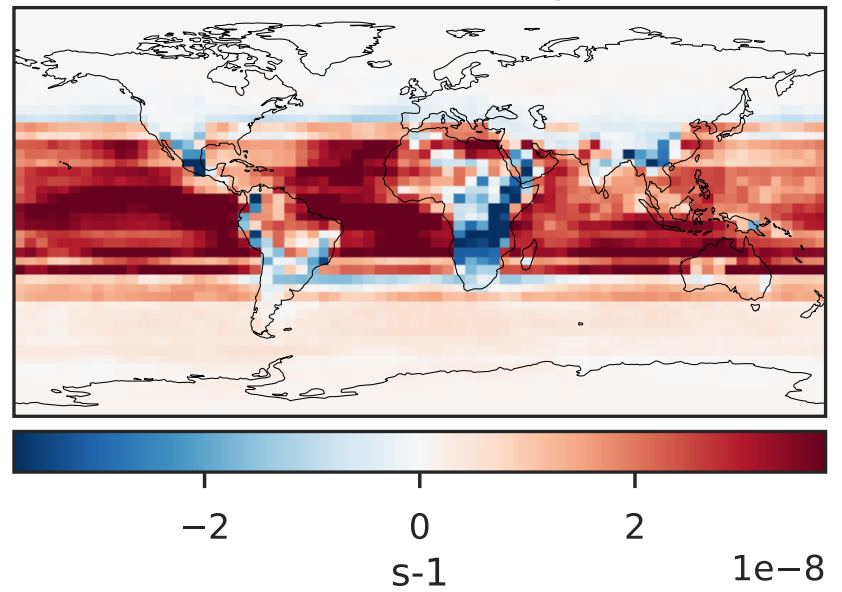
14.3.0-rc.0 (Dev)
4.0x5.0



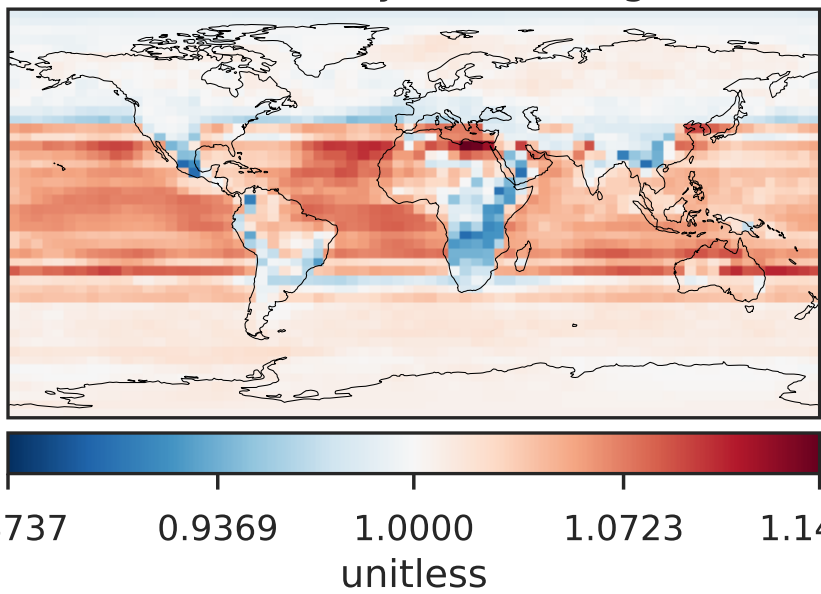
Difference
Dev - Ref, Dynamic Range



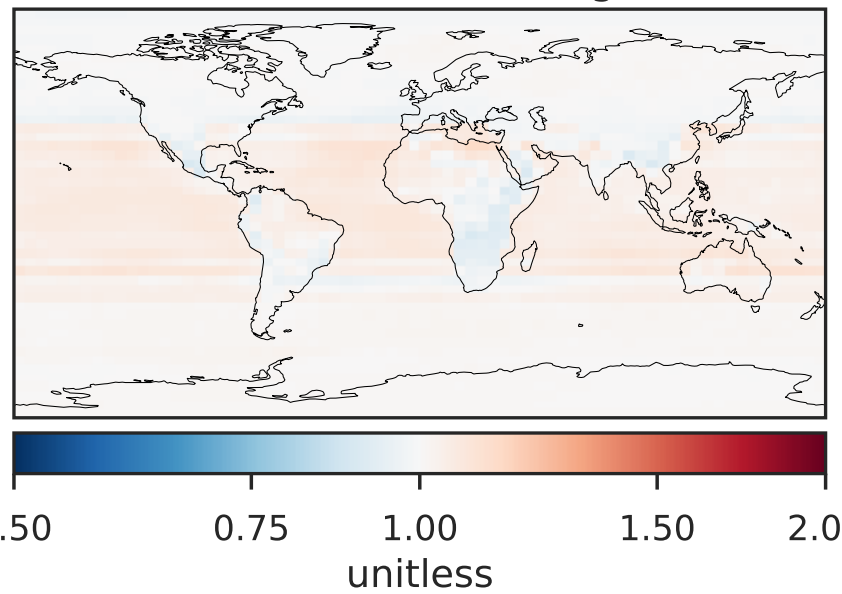
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range



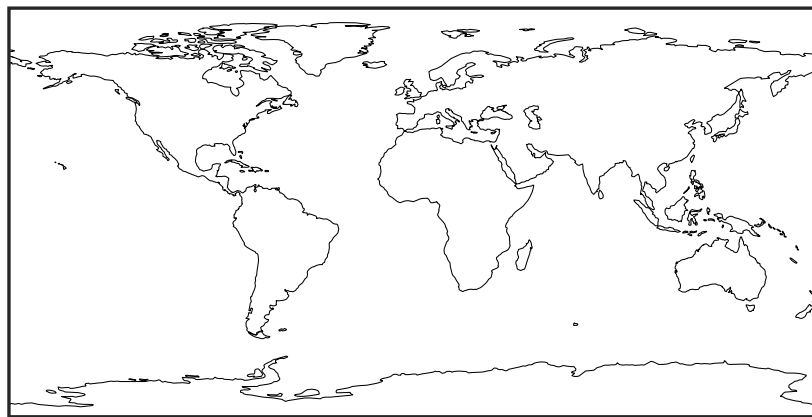
Jval_CHCl3 (Oct2019)

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



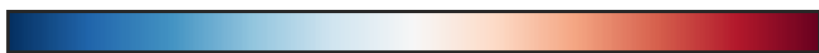
Zero throughput domain
s-1

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



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

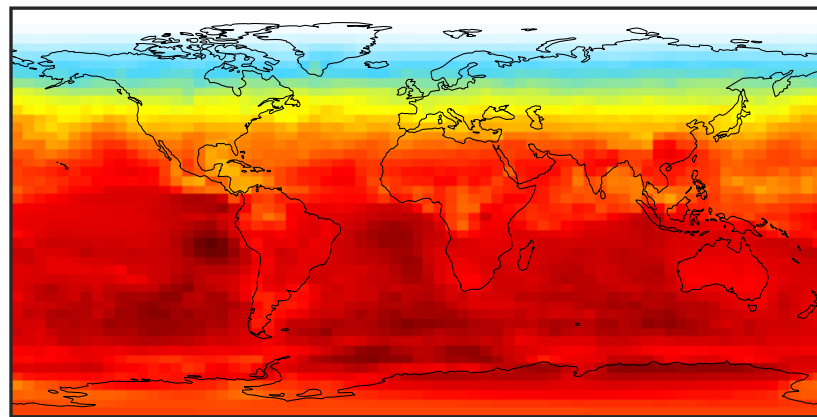
Ratio
Dev/Ref, Fixed Range



Undefined throughput domain
unitless

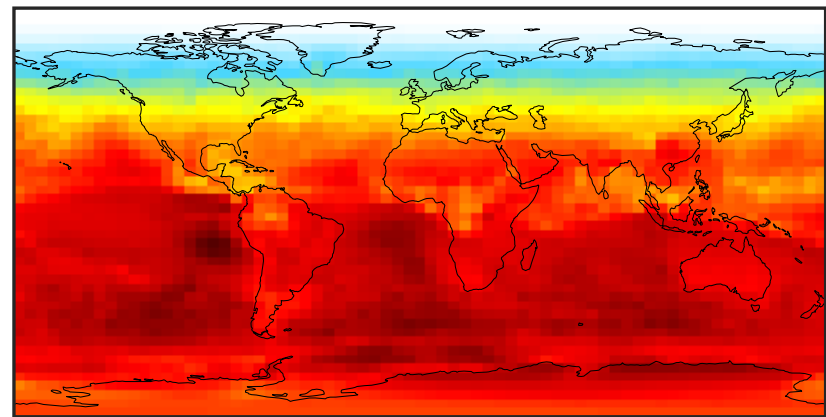
Jval_CI2 (Oct2019)

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



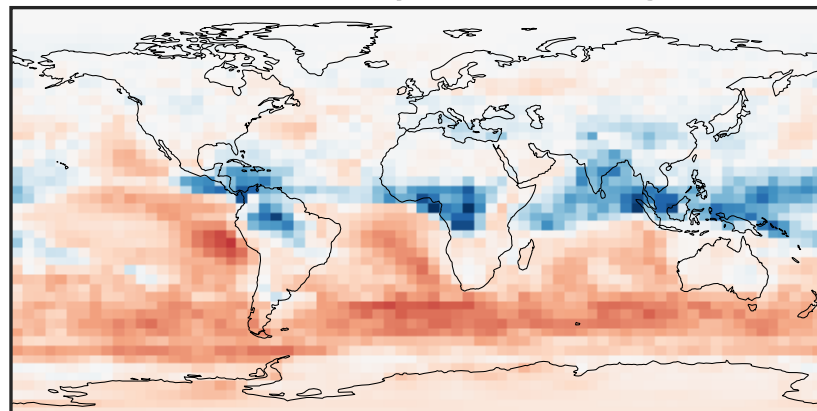
0.0005 0.0010 0.0015
s-1

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



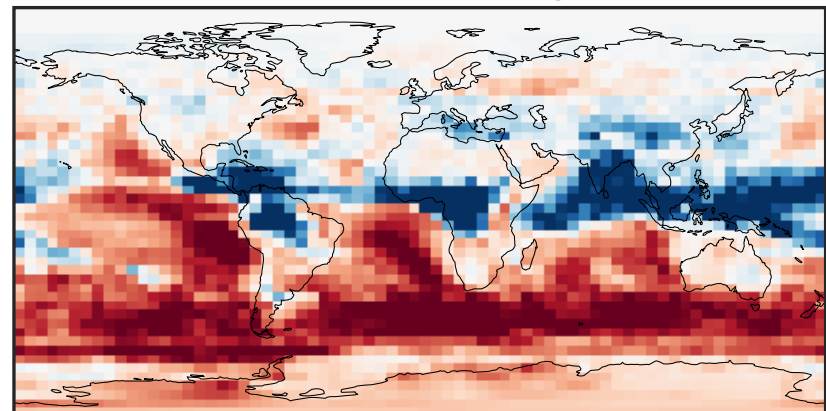
0.0005 0.0010 0.0015
s-1

Difference
Dev - Ref, Dynamic Range



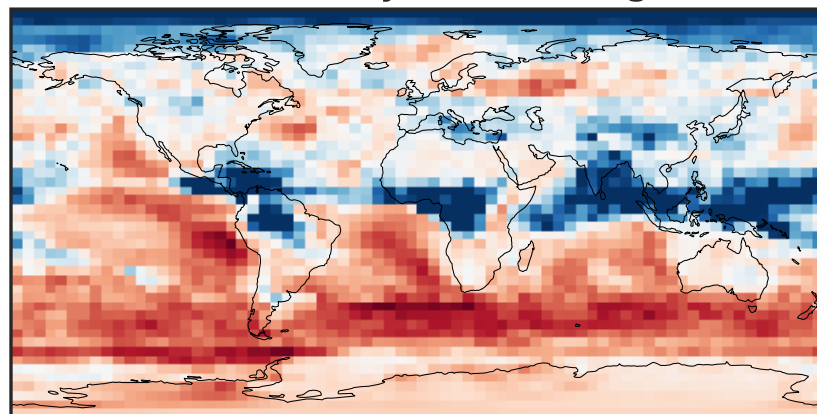
-4 0 4
s-1 1e-5

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



-1.5 0.0 1.5
s-1 1e-5

Ratio
Dev/Ref, Dynamic Range



0.97439 0.98719 1.00000 1.01314 1.02629
unitless

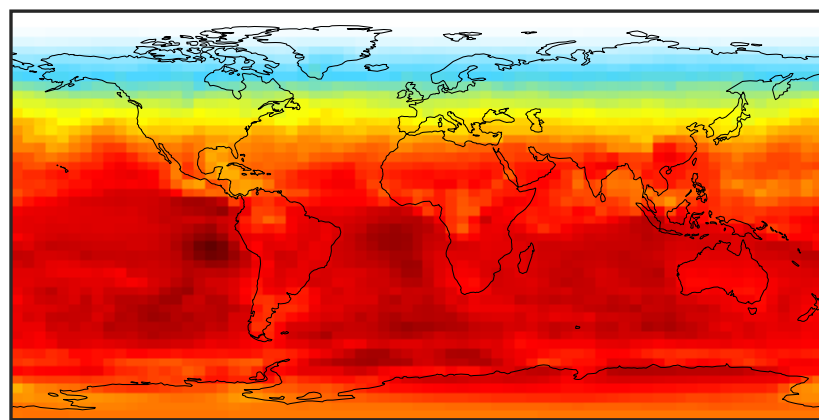
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

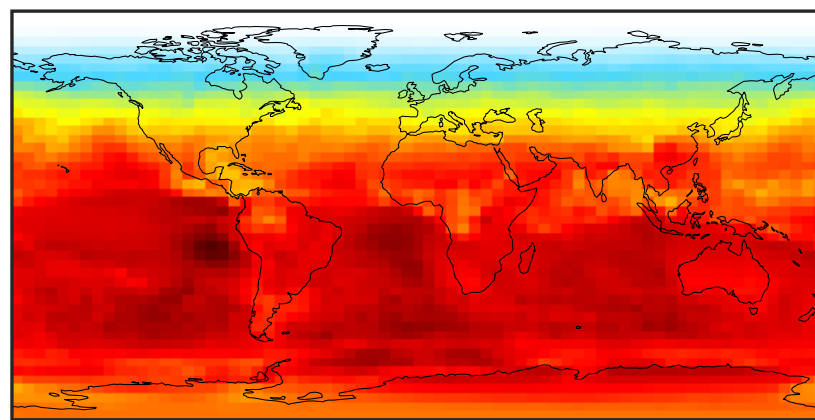
Jval_CI202 (Oct2019)

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



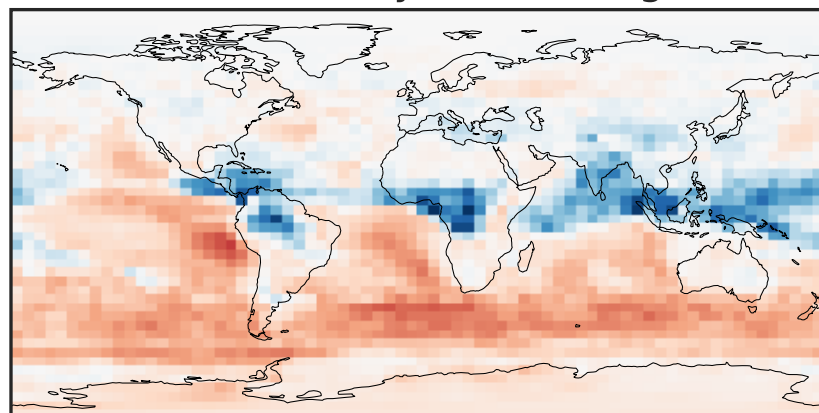
0.0004 0.0008 0.0012
s-1

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



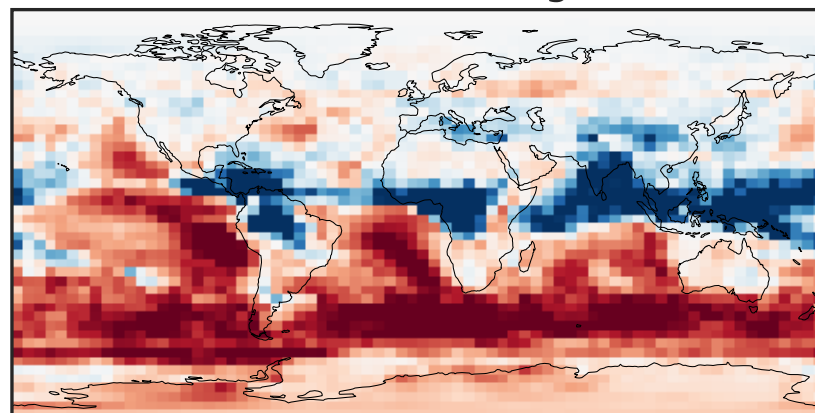
0.0004 0.0008 0.0012
s-1

Difference
Dev - Ref, Dynamic Range



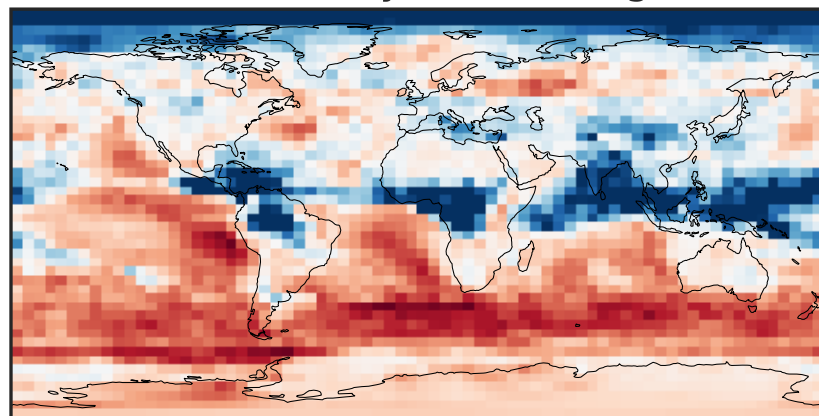
-2.5 0.0 2.5
s-1 1e-5

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



-1.5 0.0 1.5
s-1 1e-5

Ratio
Dev/Ref, Dynamic Range



0.97459 0.98729 1.00000 1.01304 1.02607
unitless

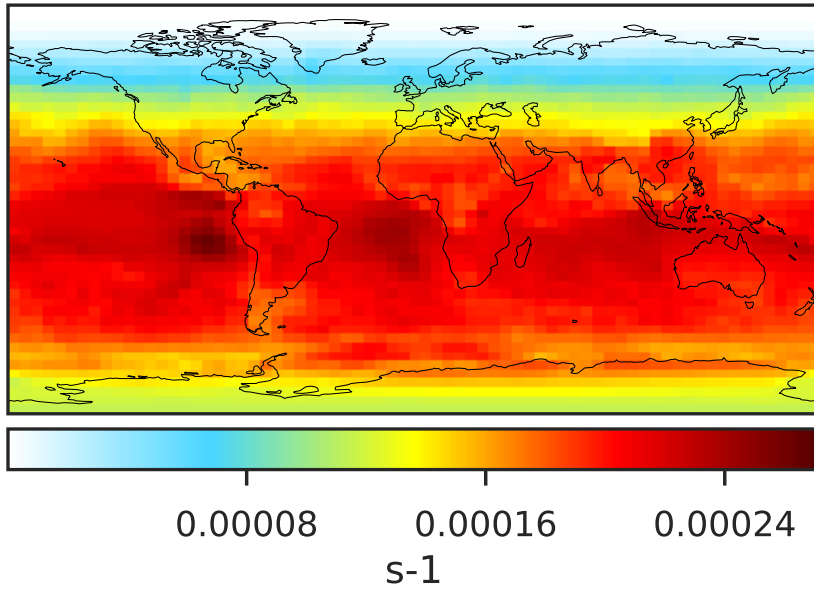
Ratio
Dev/Ref, Fixed Range



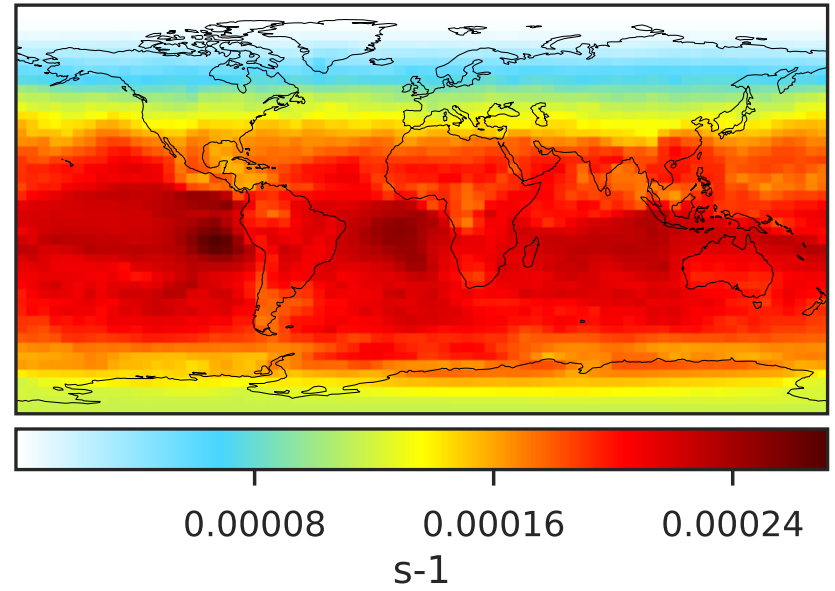
0.50 0.75 1.00 1.50 2.00
unitless

Jval_CINO2 (Oct2019)

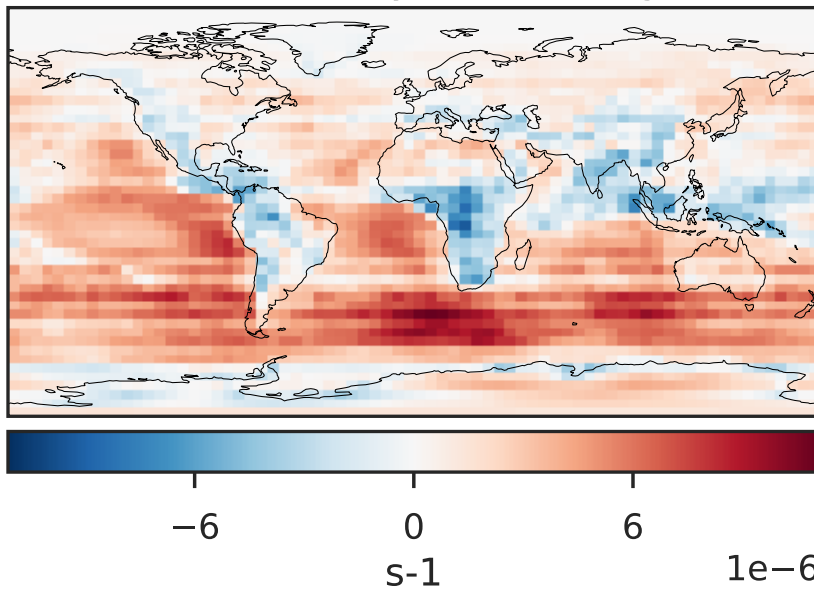
14.2.0-rc.2 (Ref)
4.0x5.0



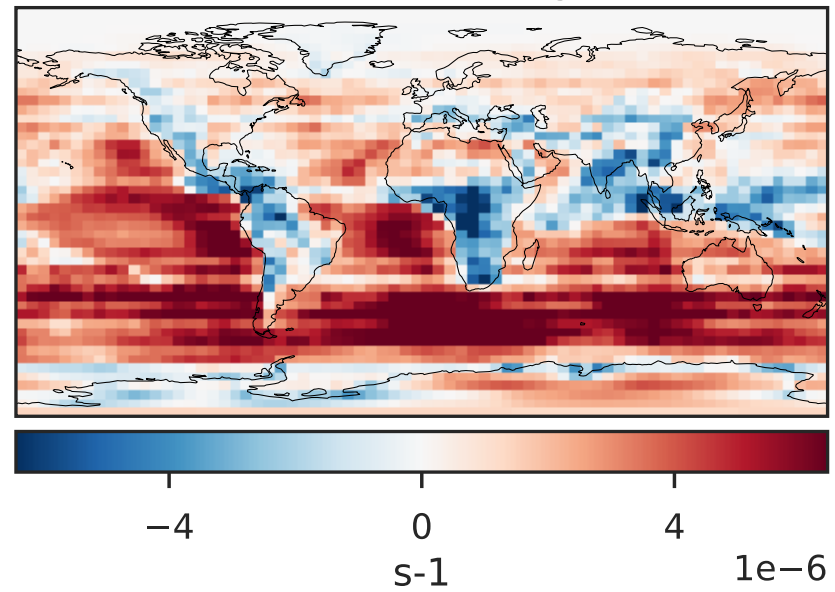
14.3.0-rc.0 (Dev)
4.0x5.0



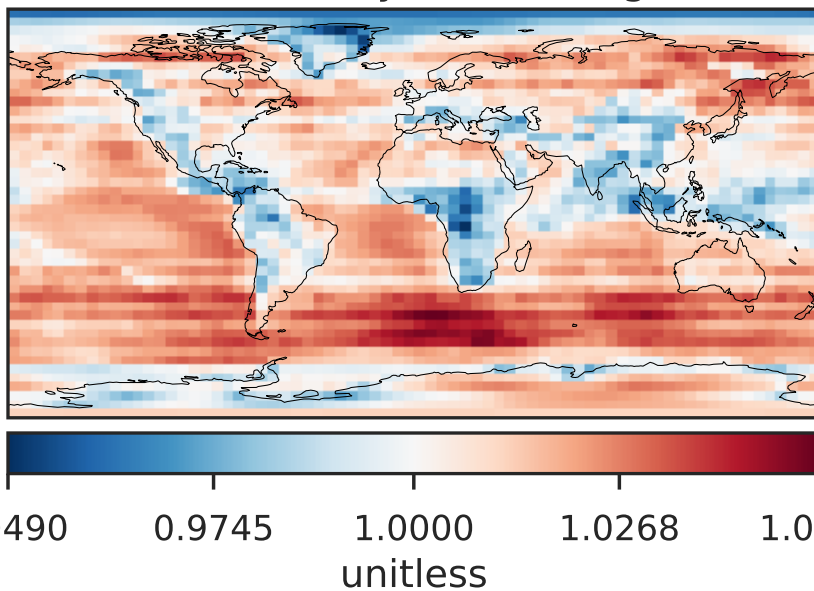
Difference
Dev - Ref, Dynamic Range



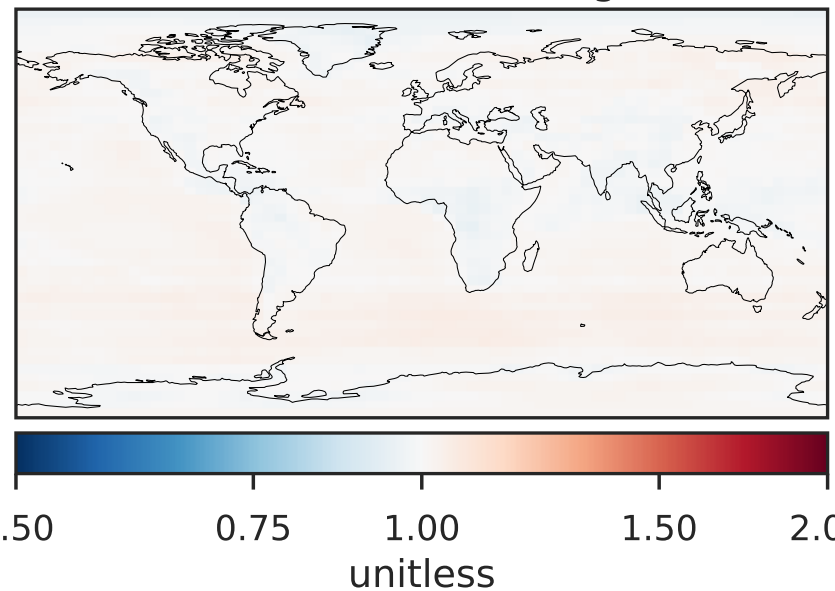
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

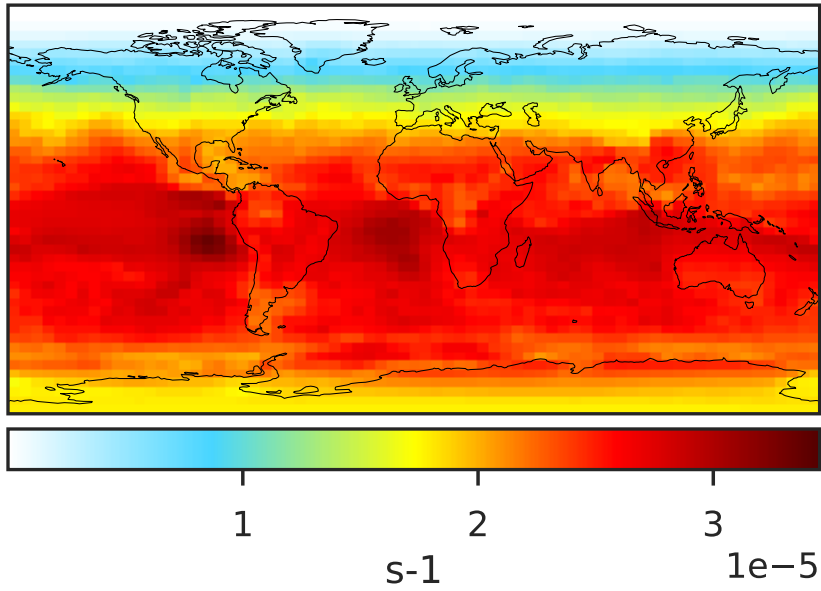


Ratio
Dev/Ref, Fixed Range

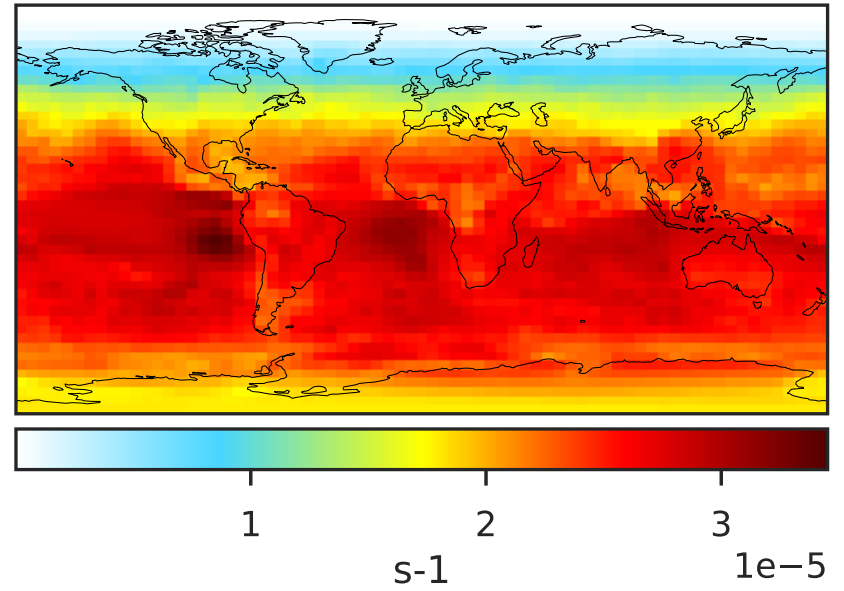


Jval_CINO3 (Oct2019)

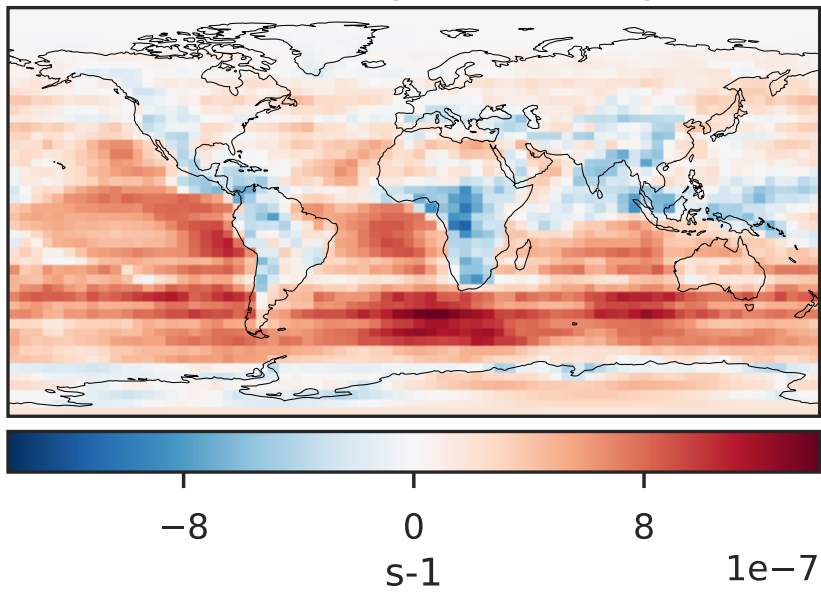
14.2.0-rc.2 (Ref)
4.0x5.0



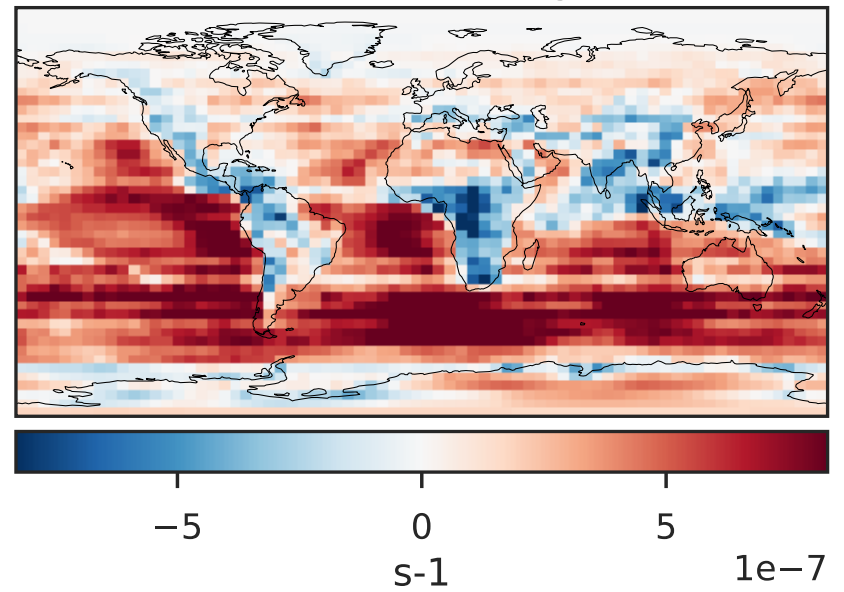
14.3.0-rc.0 (Dev)
4.0x5.0



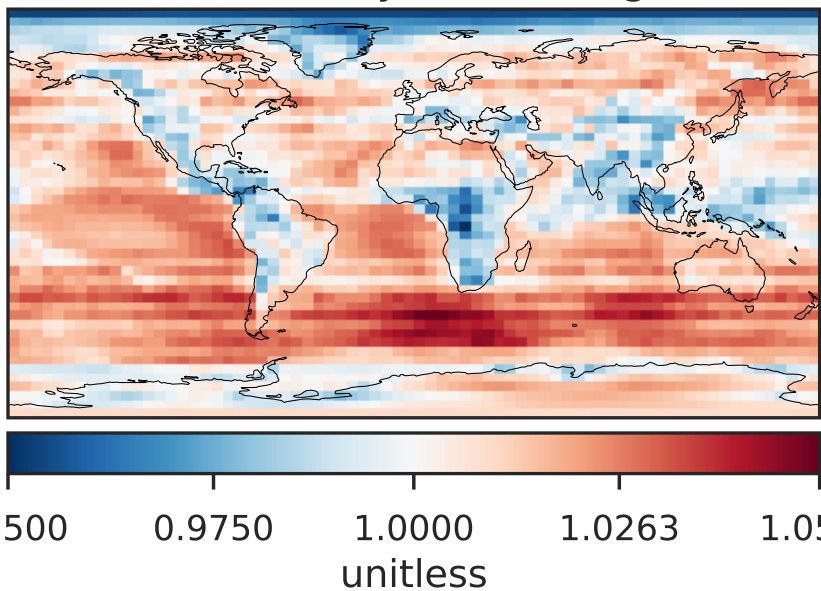
Difference
Dev - Ref, Dynamic Range



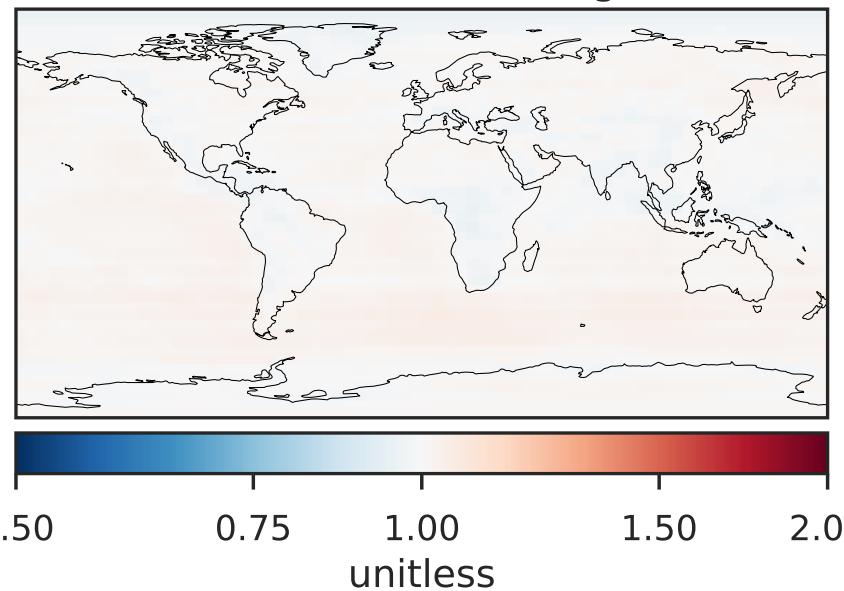
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

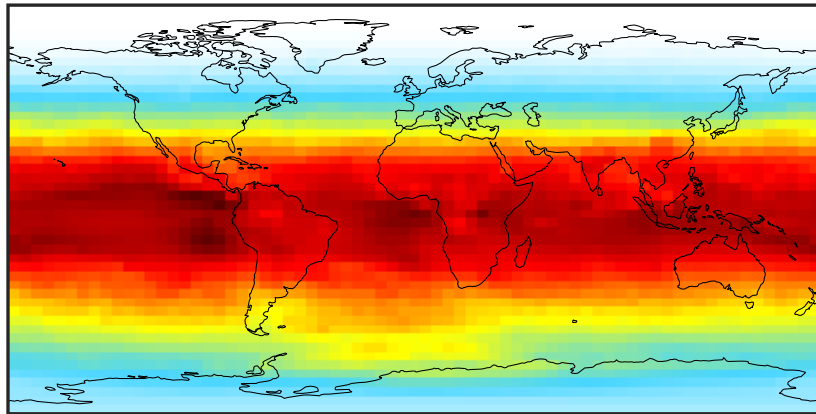


Ratio
Dev/Ref, Fixed Range



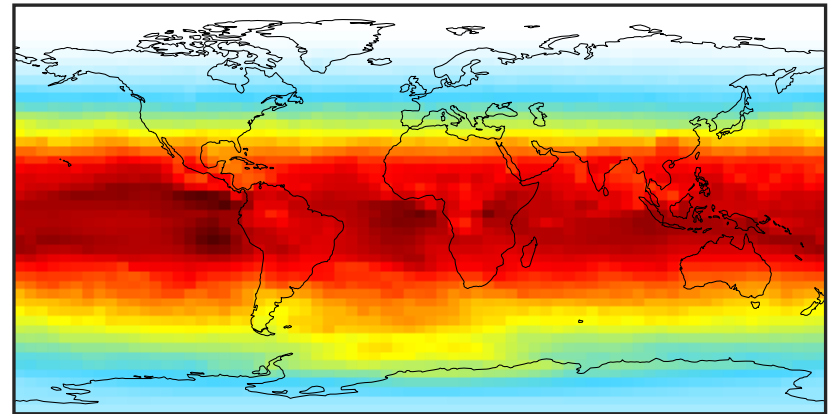
Jval_CIO (Oct2019)

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



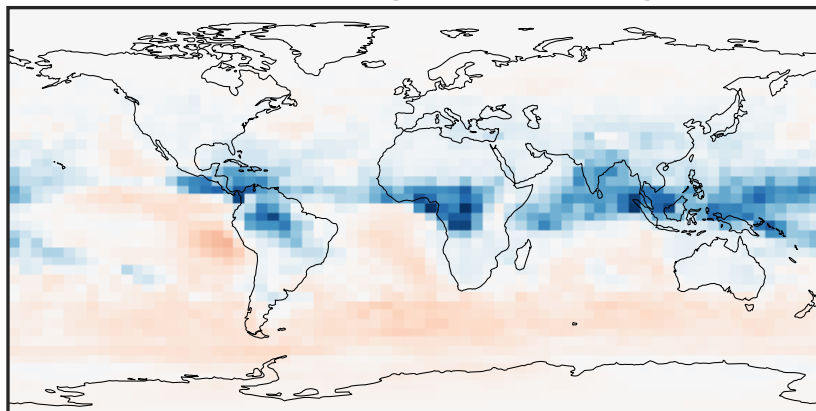
0.00004 0.00008 0.00012
s-1

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



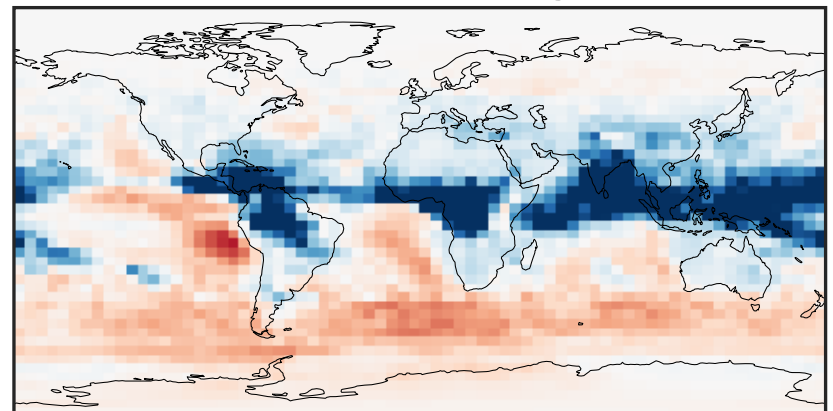
0.00004 0.00008 0.00012
s-1

Difference
Dev - Ref, Dynamic Range



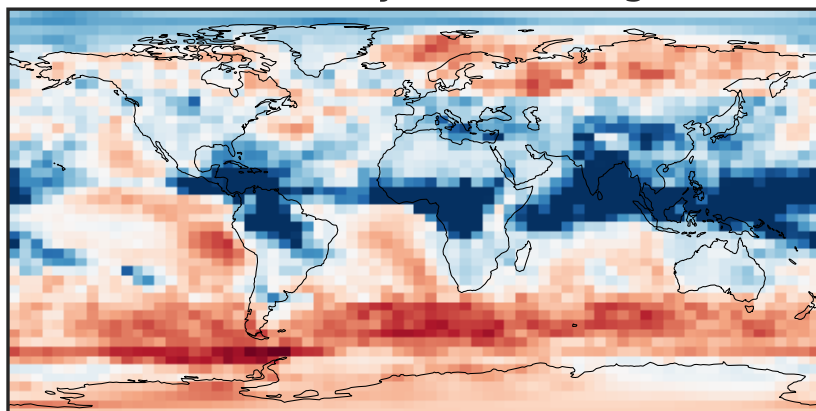
-4 0 4
s-1 1e-6

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



-1.5 0.0 1.5
s-1 1e-6

Ratio
Dev/Ref, Dynamic Range



0.97893 0.98946 1.00000 1.01076 1.02153
unitless

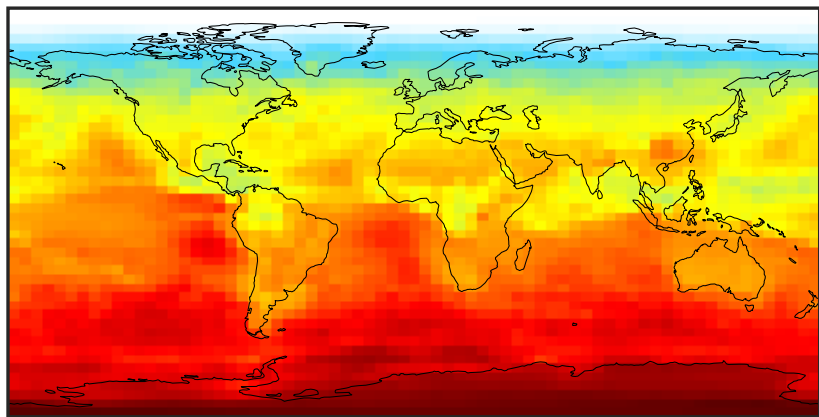
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

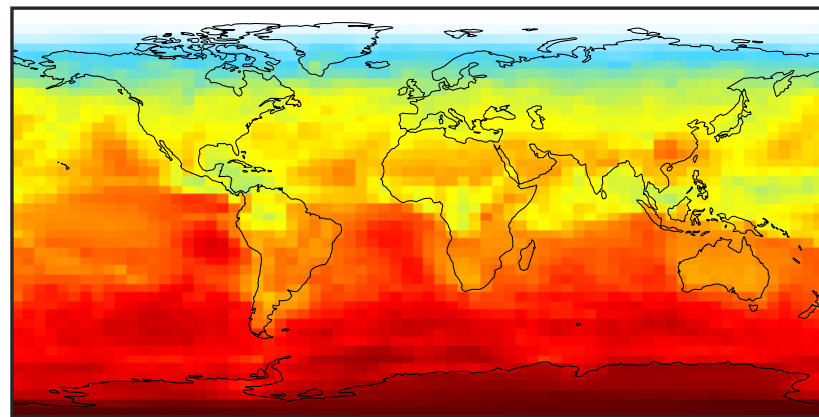
Jval_C100 (Oct2019)

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



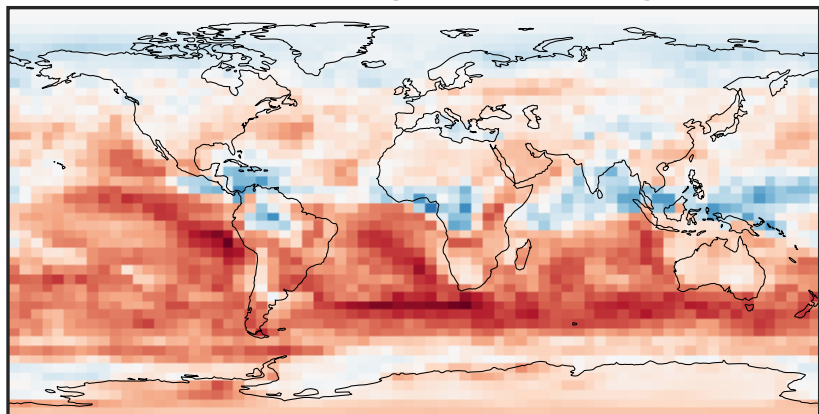
0.0002 0.1135 0.2267 0.3399 0.4532
s-1

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



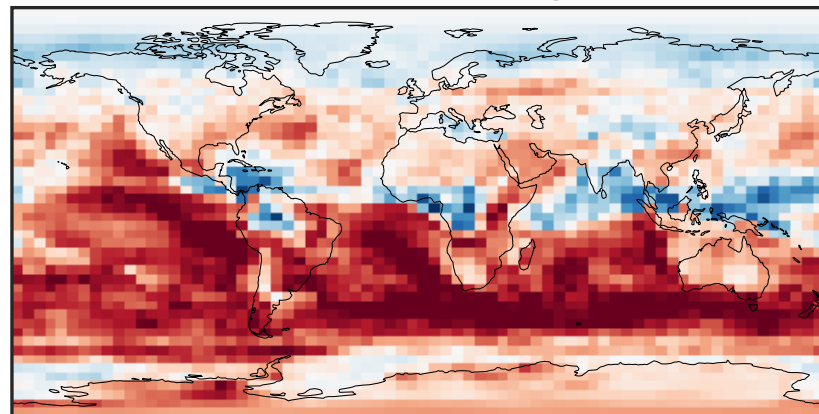
0.0002 0.1135 0.2267 0.3399 0.4532
s-1

Difference
Dev - Ref, Dynamic Range



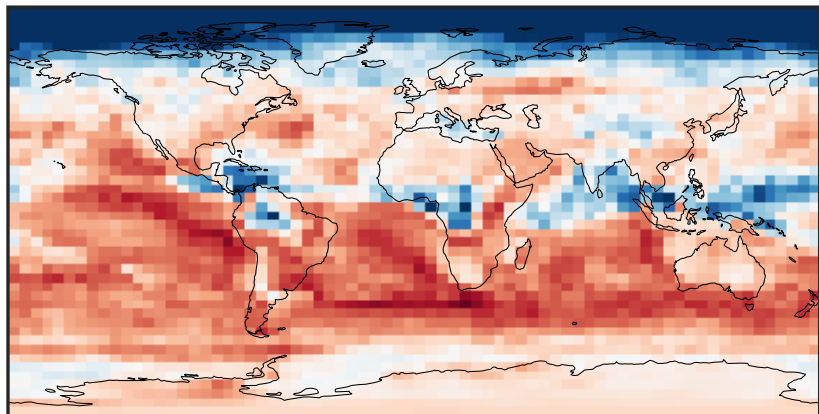
-0.008 0.000 0.008
s-1

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



-0.005 0.000 0.005
s-1

Ratio
Dev/Ref, Dynamic Range



0.96056 0.98028 1.00000 1.02053 1.04106
unitless

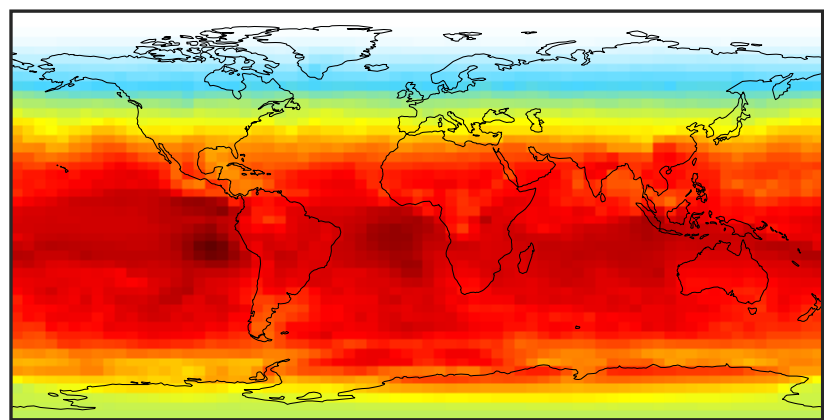
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

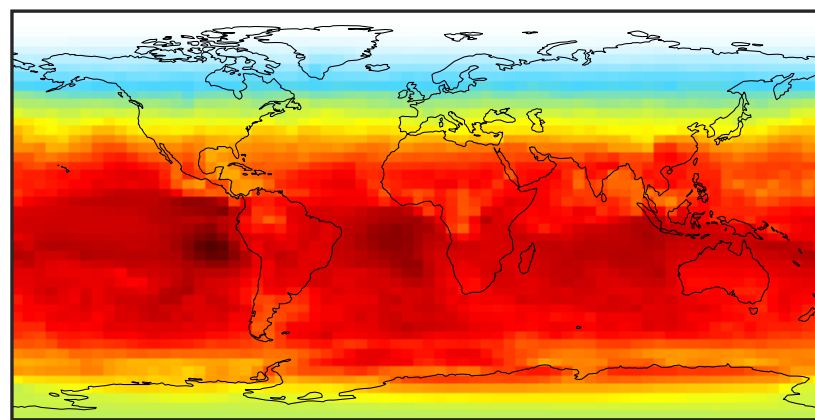
Jval_ETHLN (Oct2019)

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



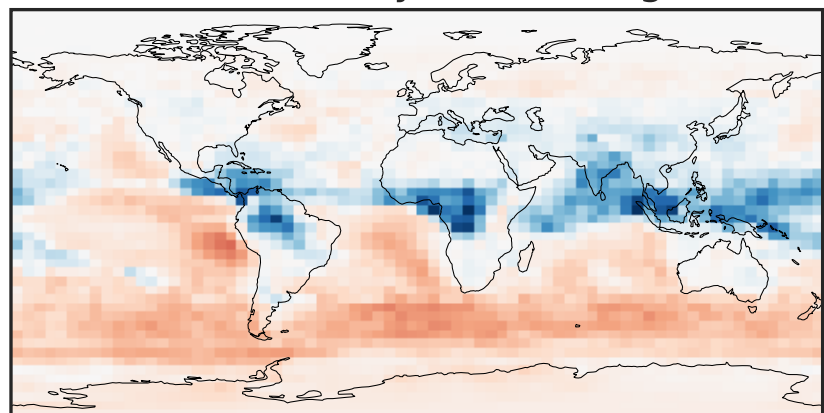
2.5 5.0 7.5
s-1 $1e-5$

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



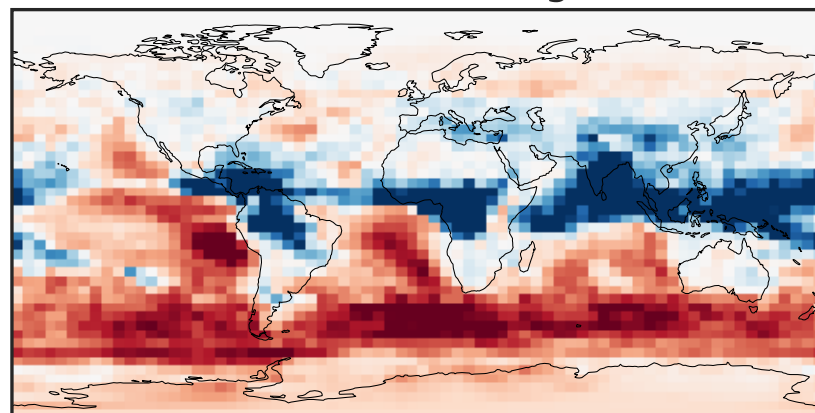
2.5 5.0 7.5
s-1 $1e-5$

Difference
Dev - Ref, Dynamic Range



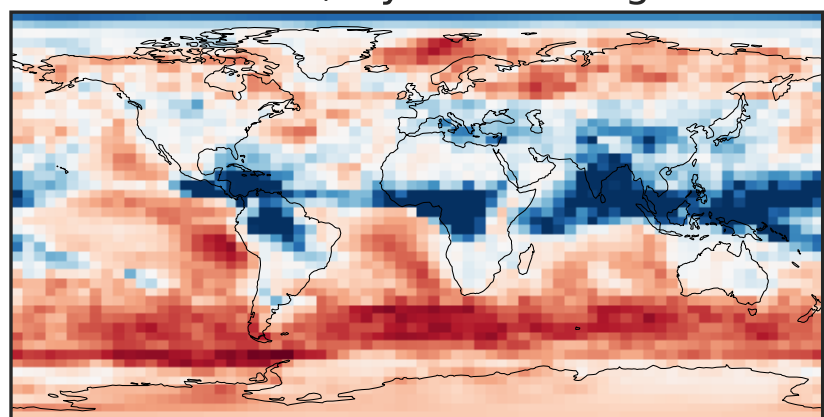
-2 0 2
s-1 $1e-6$

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



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

Ratio
Dev/Ref, Dynamic Range



0.97509 0.98754 1.00000 1.01278 1.02555
unitless

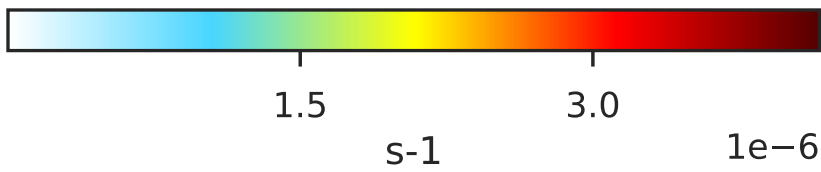
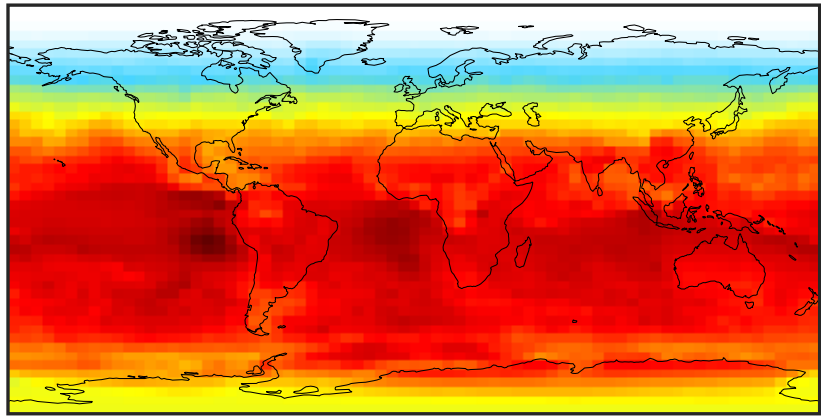
Ratio
Dev/Ref, Fixed Range



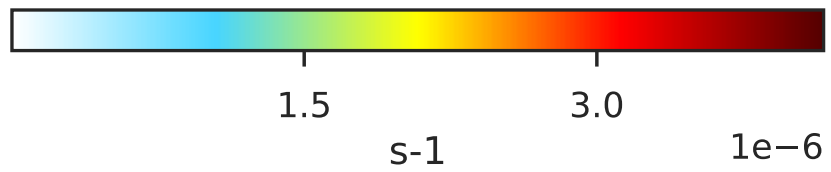
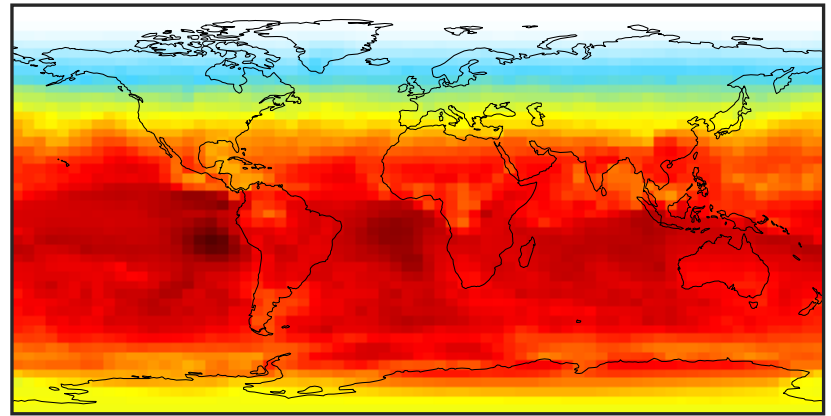
0.50 0.75 1.00 1.50 2.00
unitless

Jval_ETHP (Oct2019)

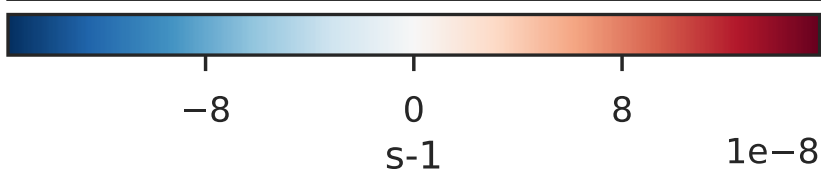
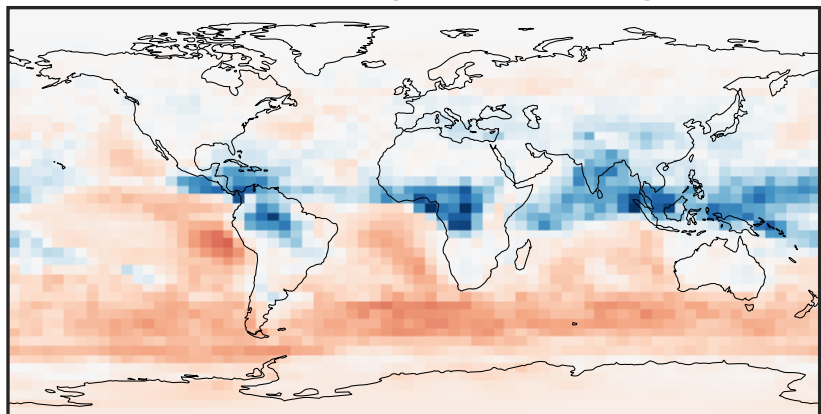
14.2.0-rc.2 (Ref)
4.0x5.0



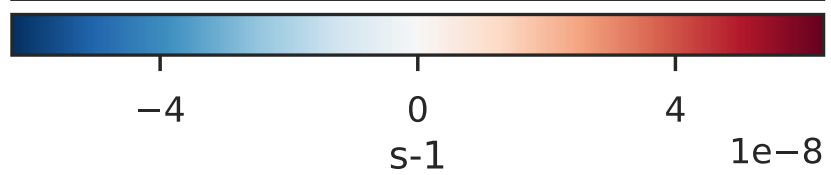
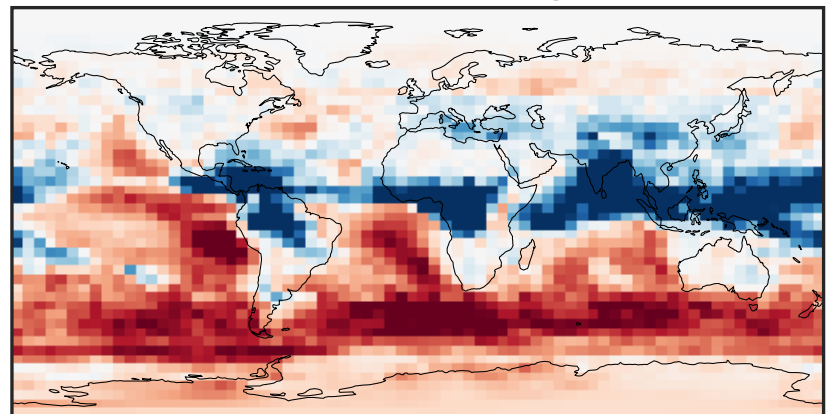
14.3.0-rc.0 (Dev)
4.0x5.0



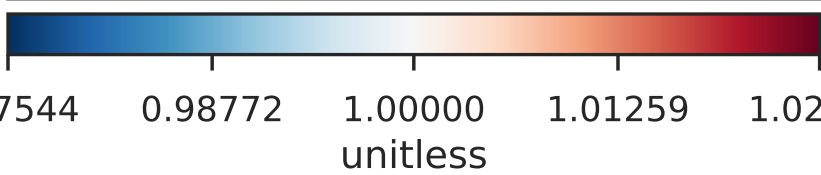
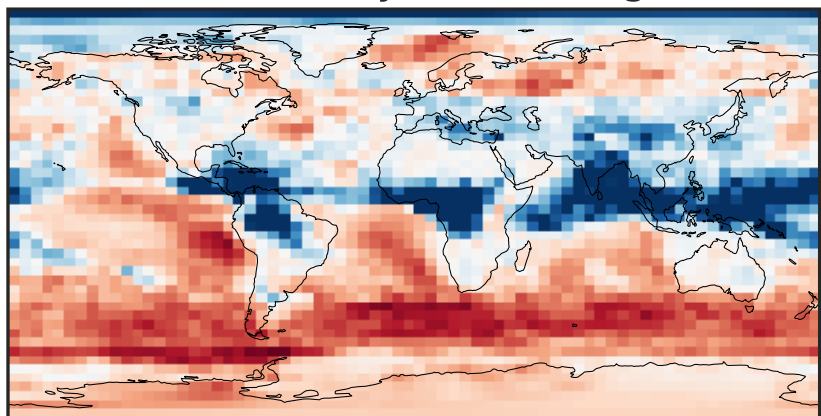
Difference
Dev - Ref, Dynamic Range



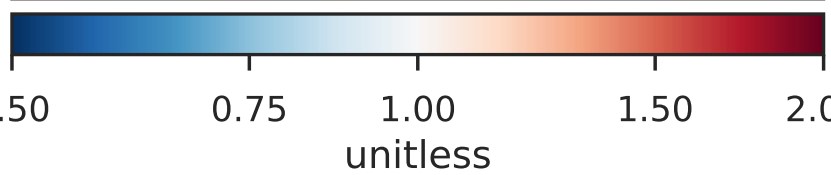
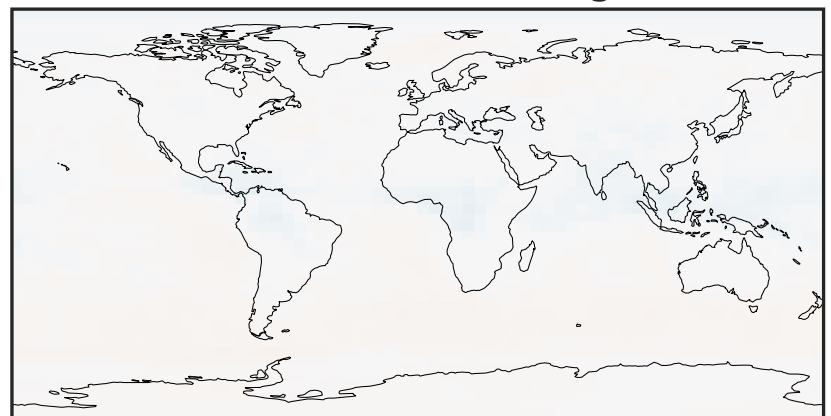
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

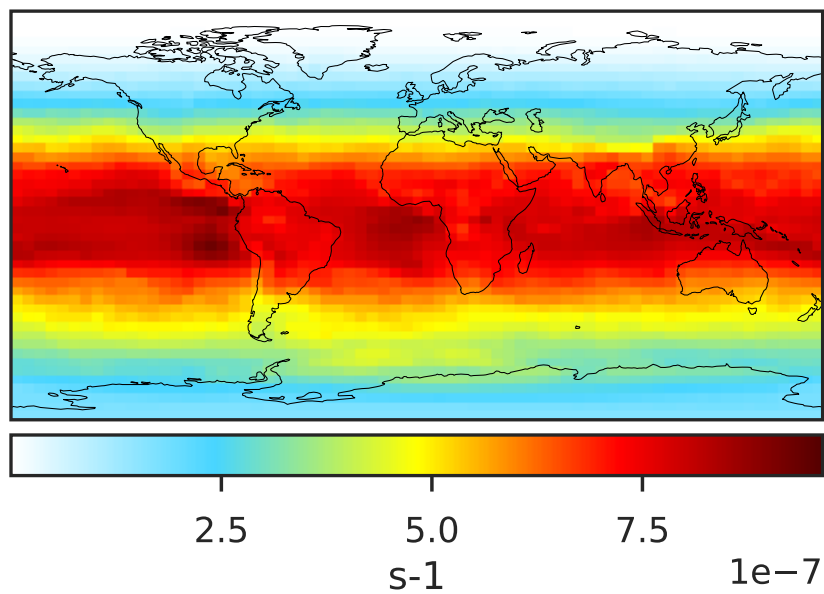


0.97544 0.98772 1.00000 1.01259 1.02518
unitless

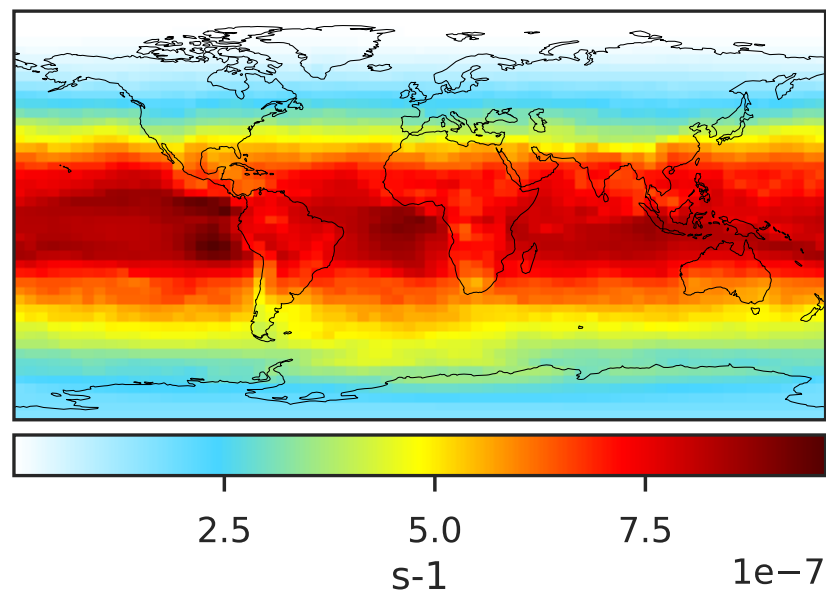
0.50 0.75 1.00 1.50 2.00
unitless

Jval_ETNO3 (Oct2019)

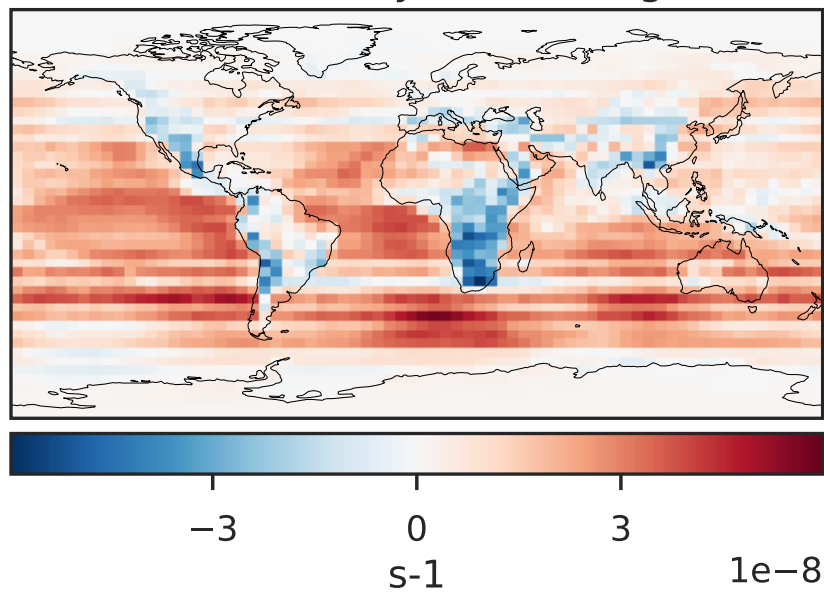
14.2.0-rc.2 (Ref)
4.0x5.0



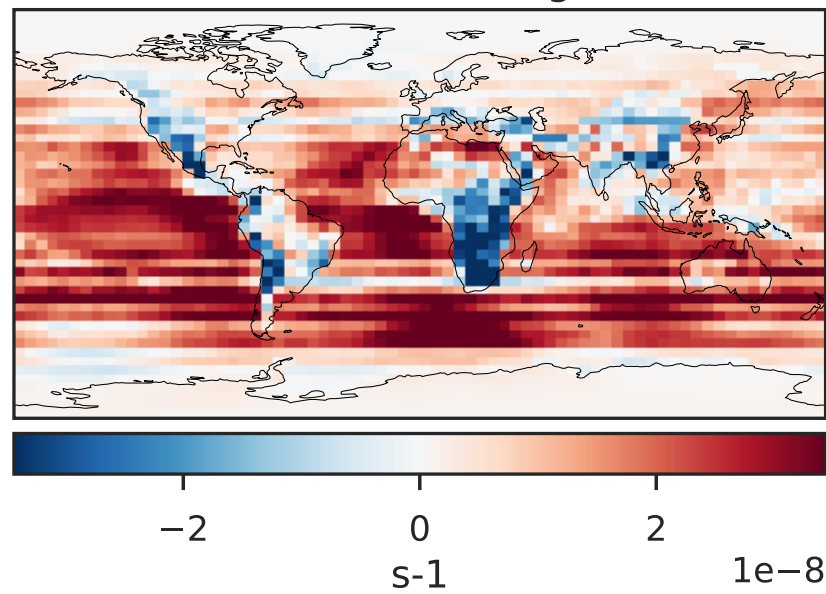
14.3.0-rc.0 (Dev)
4.0x5.0



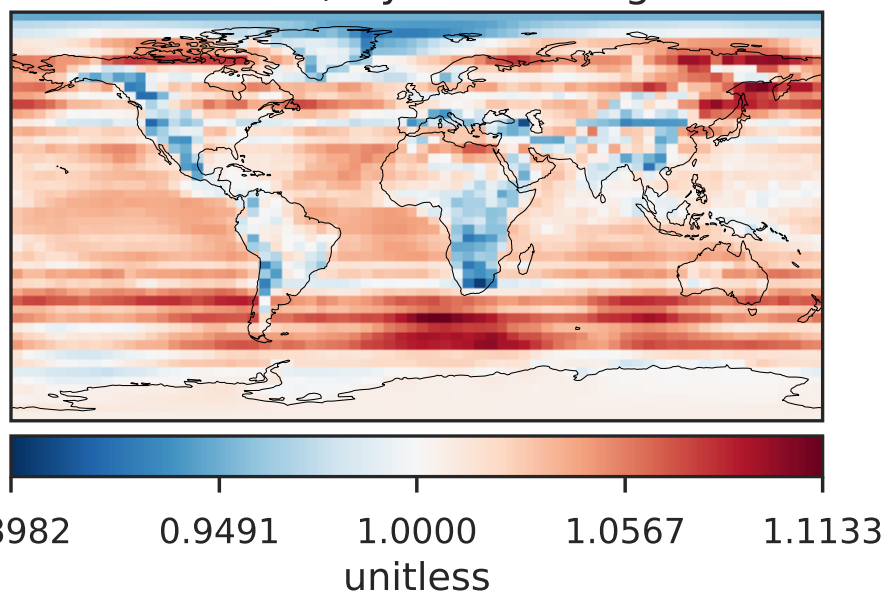
Difference
Dev - Ref, Dynamic Range



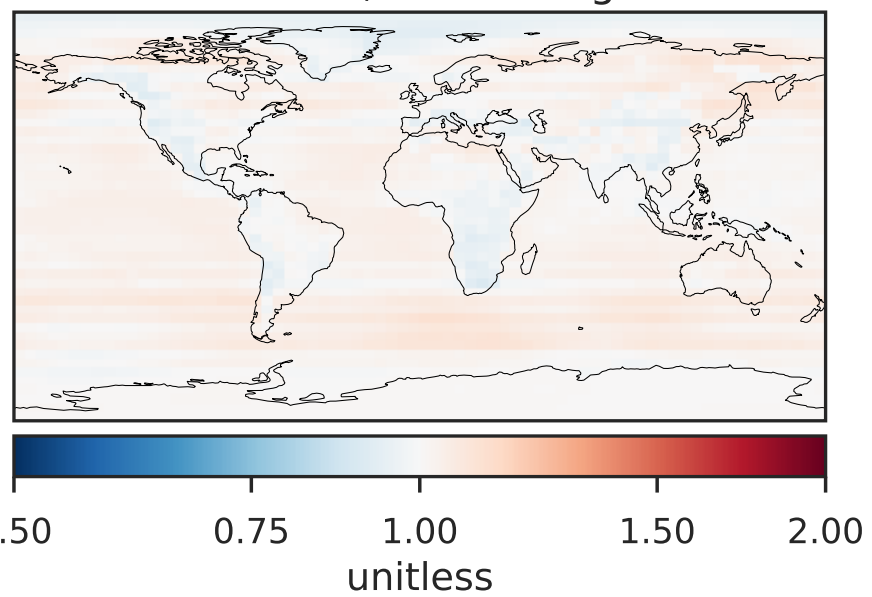
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

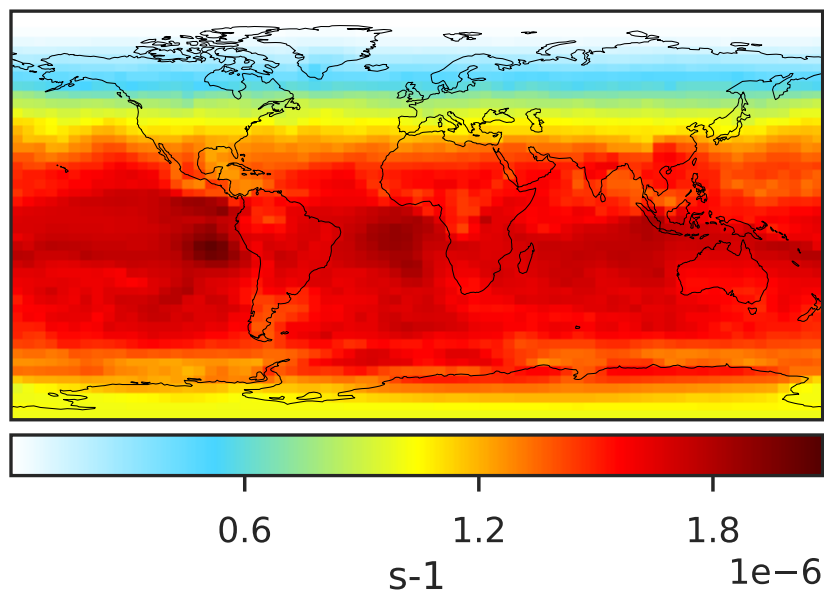


Ratio
Dev/Ref, Fixed Range

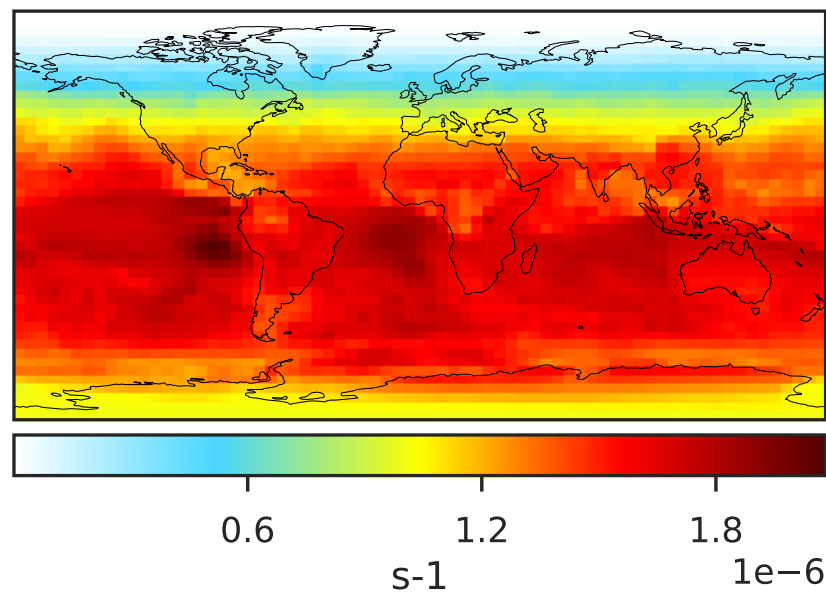


Jval_ETP (Oct2019)

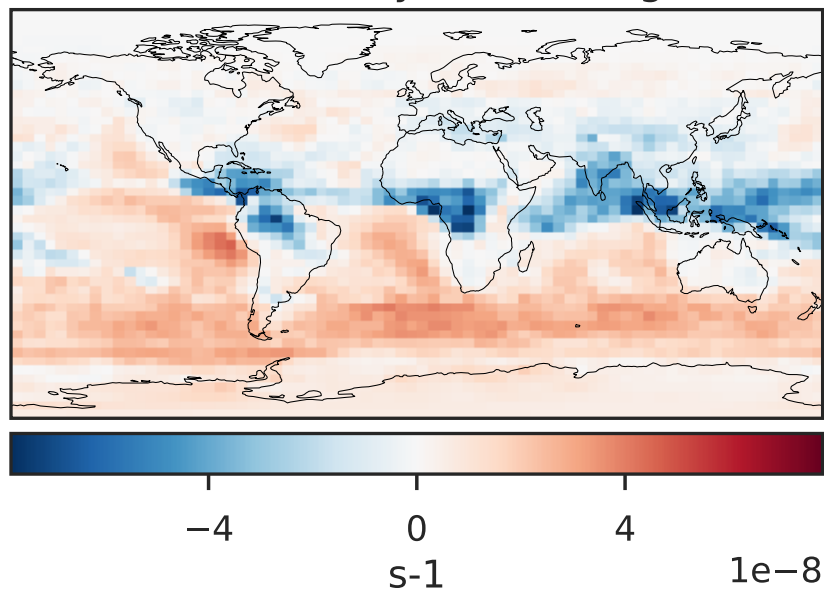
14.2.0-rc.2 (Ref)
4.0x5.0



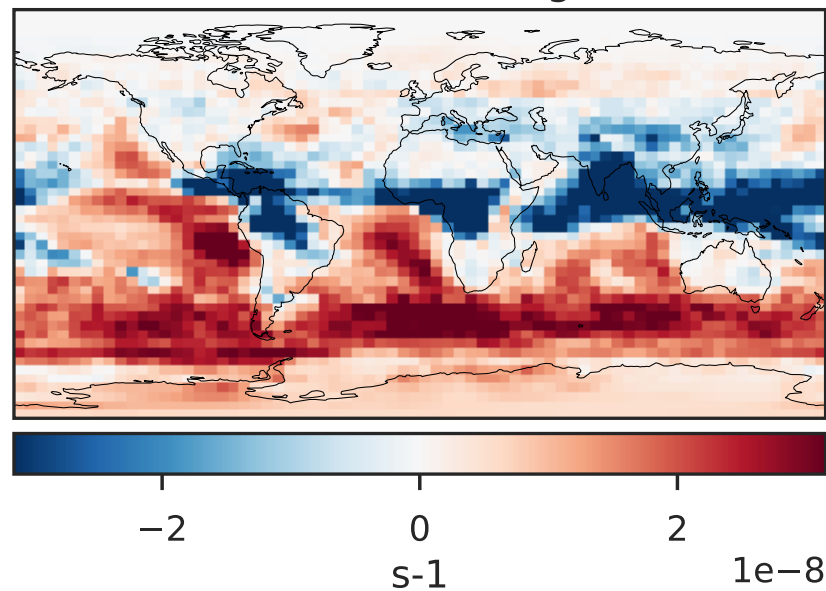
14.3.0-rc.0 (Dev)
4.0x5.0



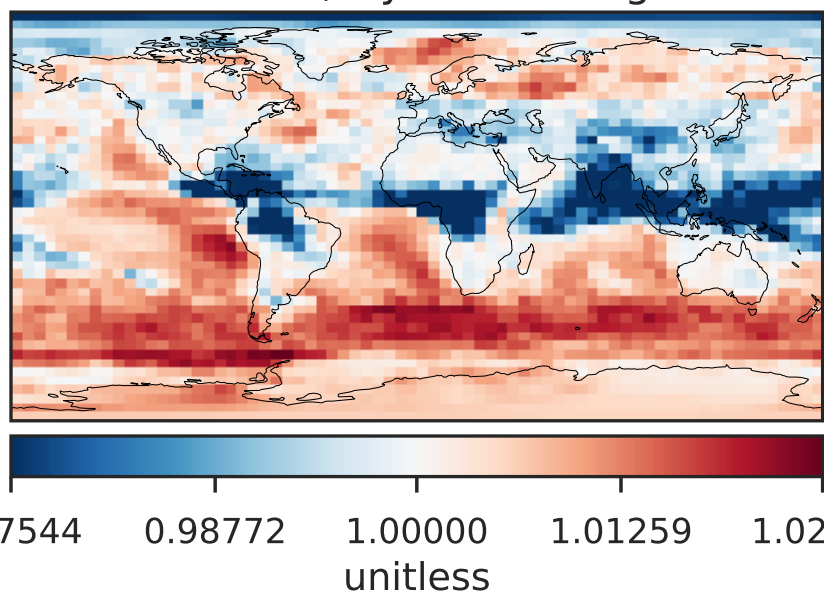
Difference
Dev - Ref, Dynamic Range



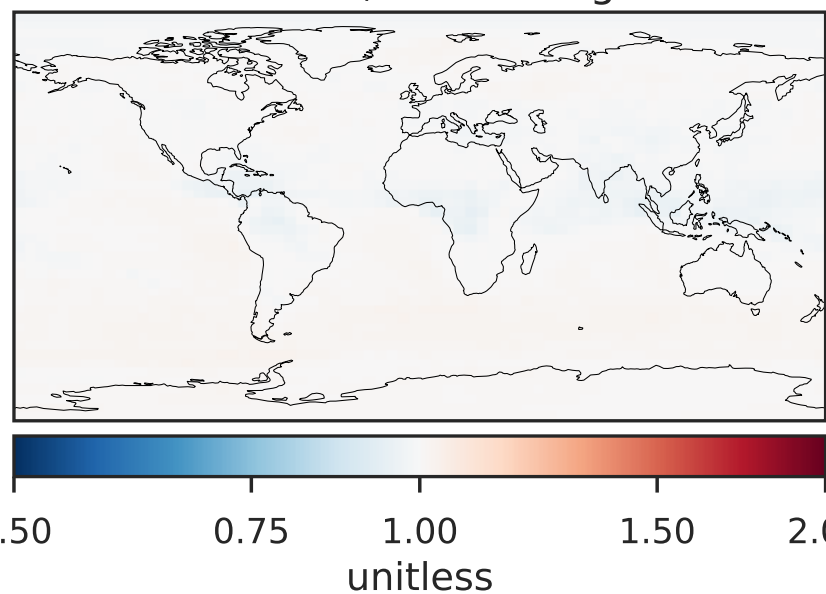
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

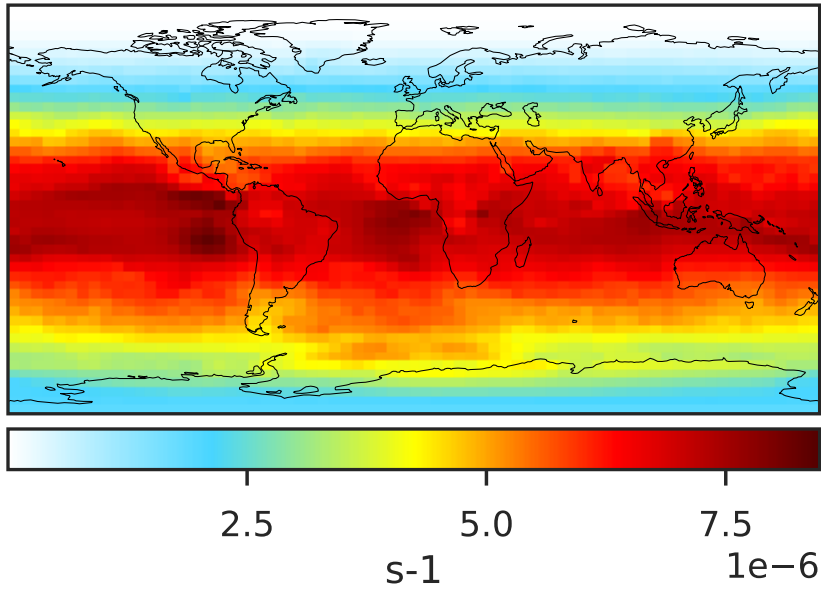


0.97544 0.98772 1.00000 1.01259 1.02518
unitless

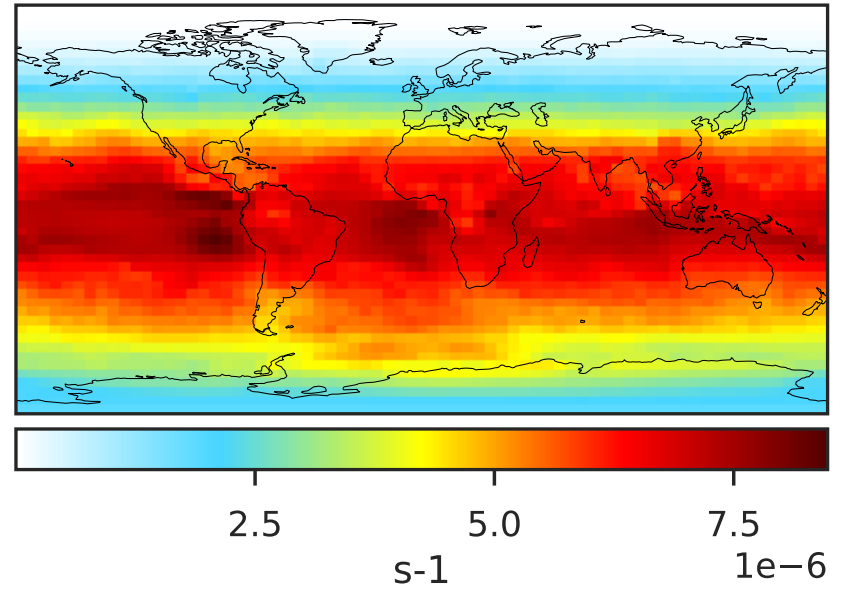
0.50 0.75 1.00 1.50 2.00
unitless

Jval_GLYC (Oct2019)

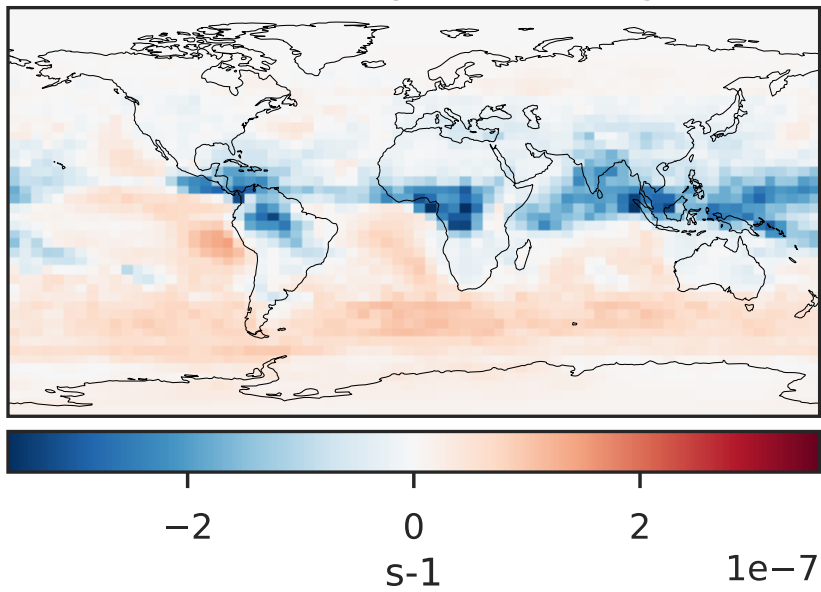
14.2.0-rc.2 (Ref)
4.0x5.0



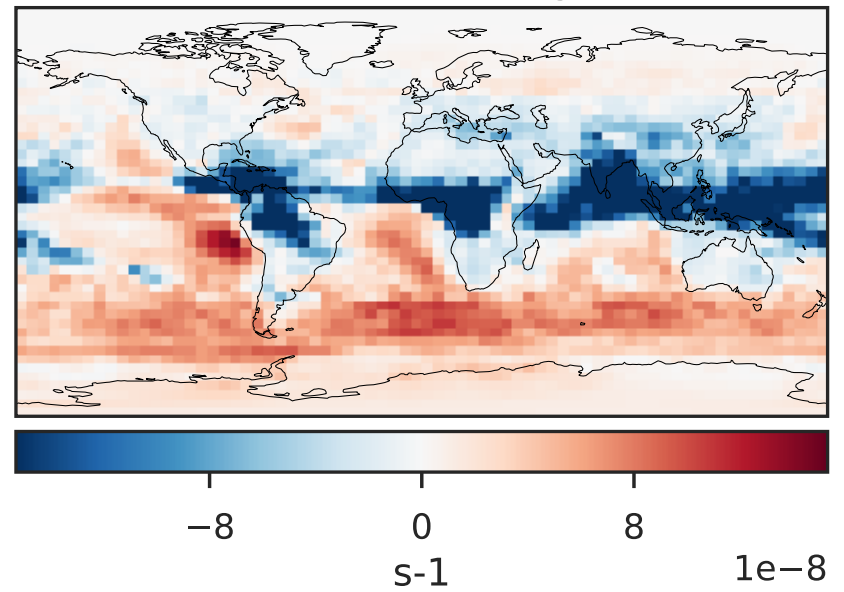
14.3.0-rc.0 (Dev)
4.0x5.0



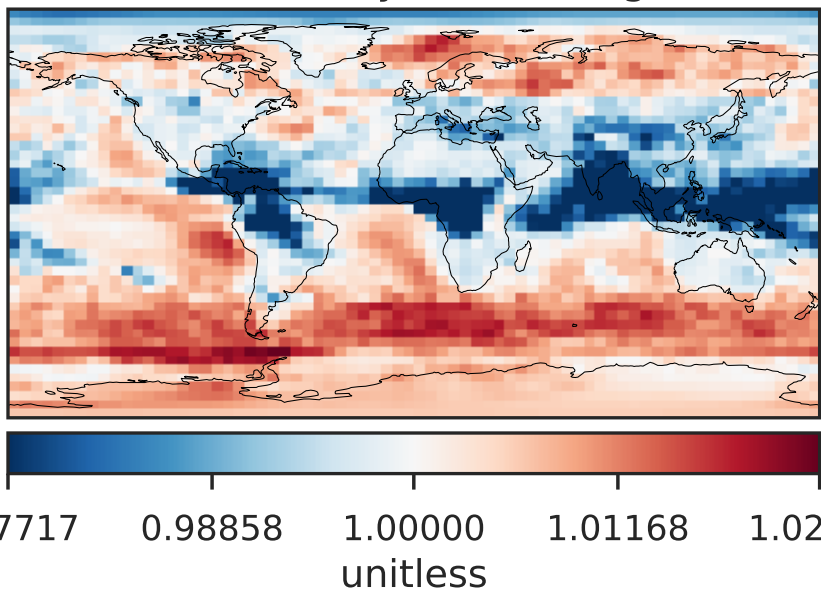
Difference
Dev - Ref, Dynamic Range



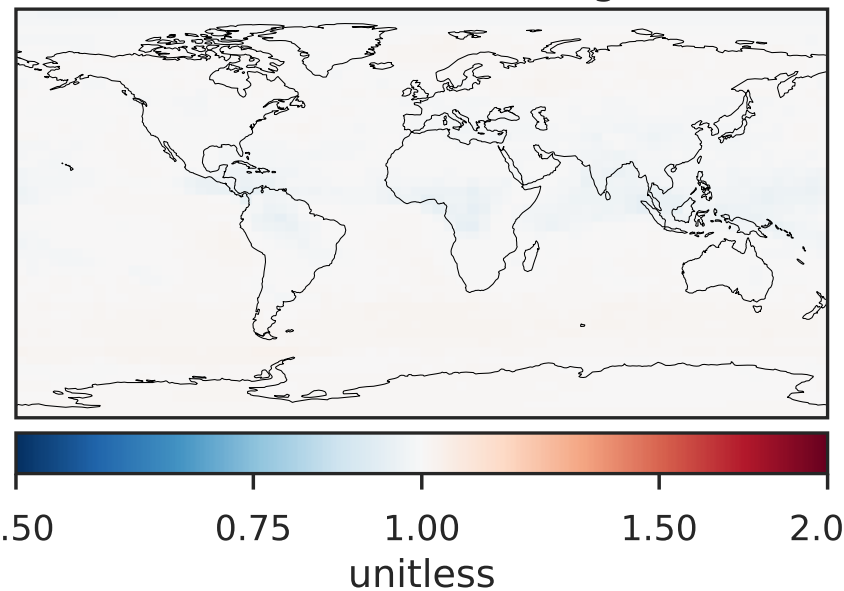
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

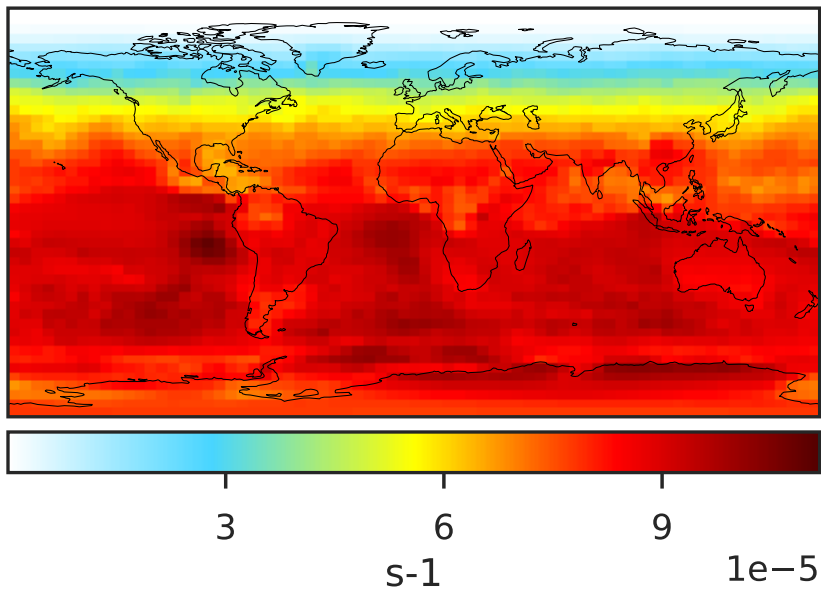


Ratio
Dev/Ref, Fixed Range

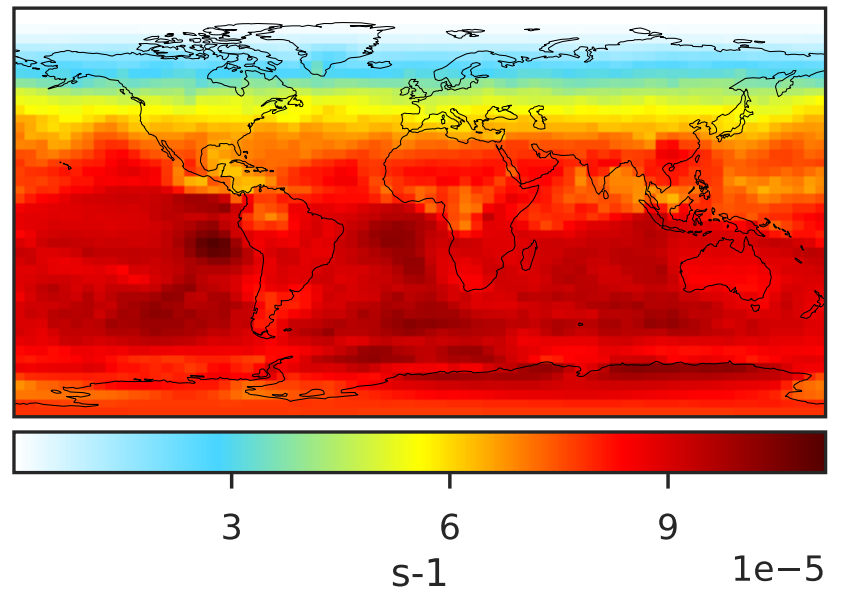


Jval_GLYX (Oct2019)

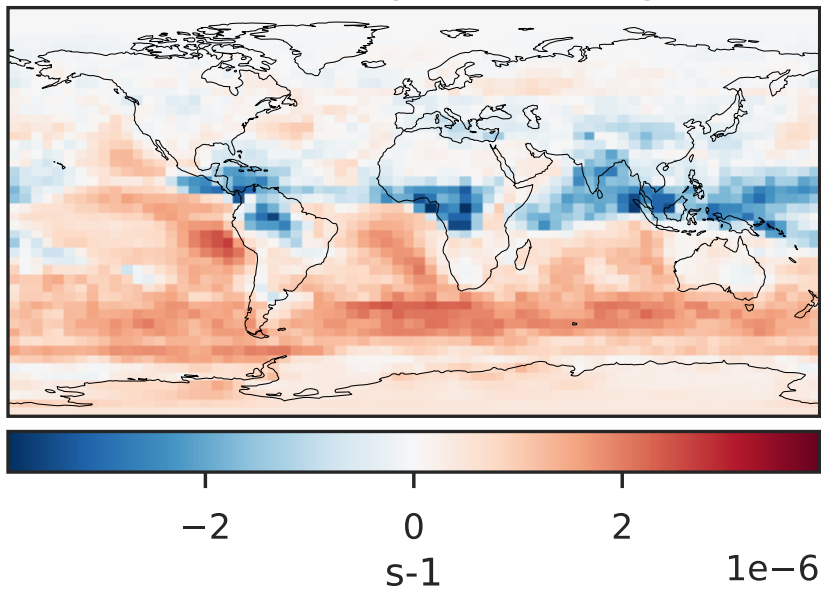
14.2.0-rc.2 (Ref)
4.0x5.0



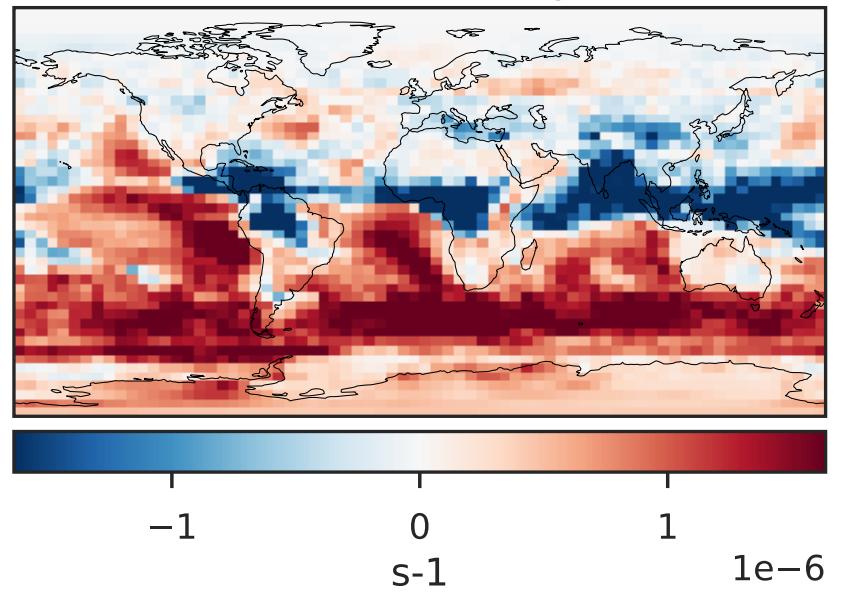
14.3.0-rc.0 (Dev)
4.0x5.0



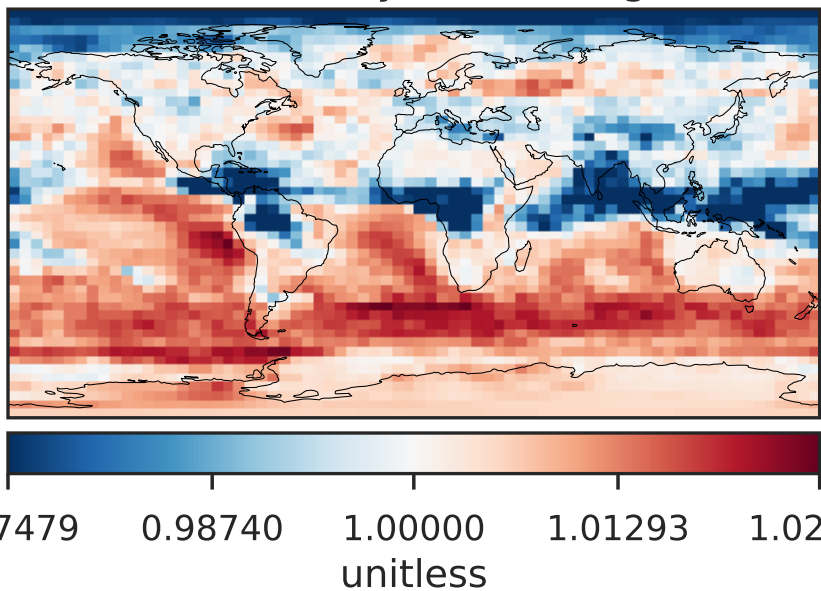
Difference
Dev - Ref, Dynamic Range



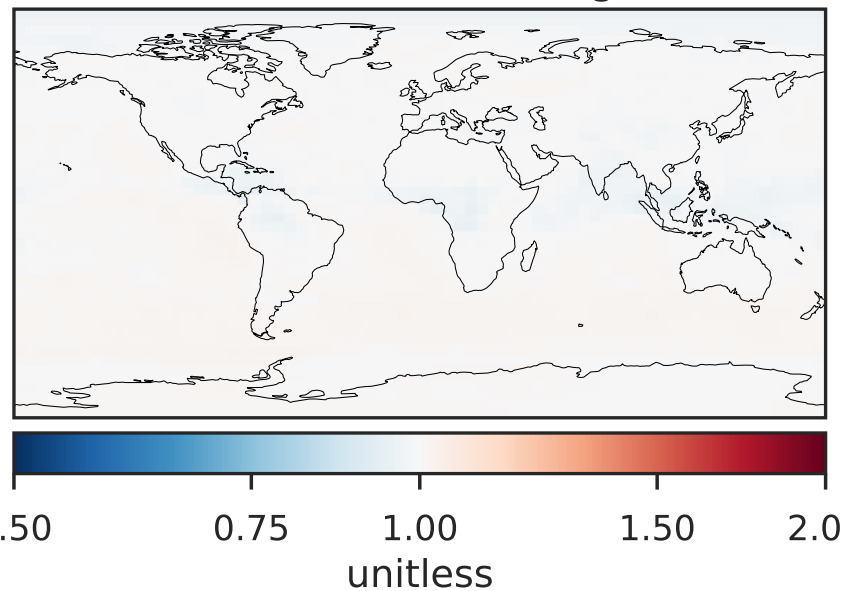
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

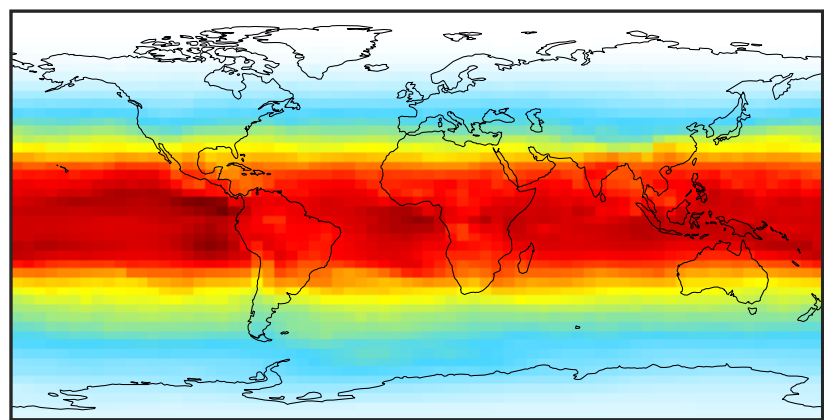


Ratio
Dev/Ref, Fixed Range



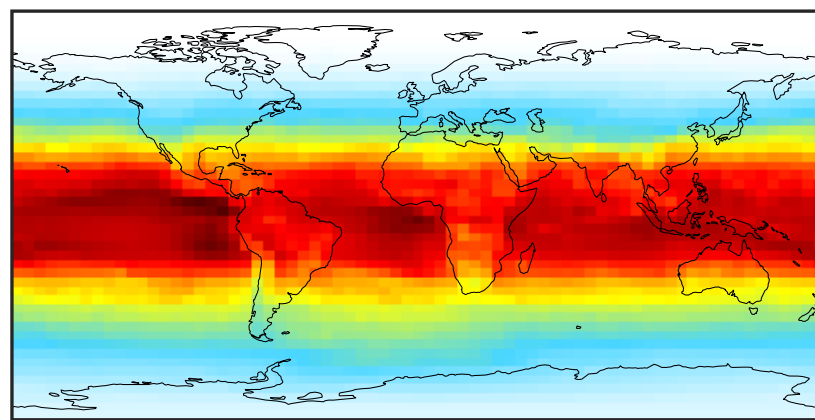
Jval_H1211 (Oct2019)

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



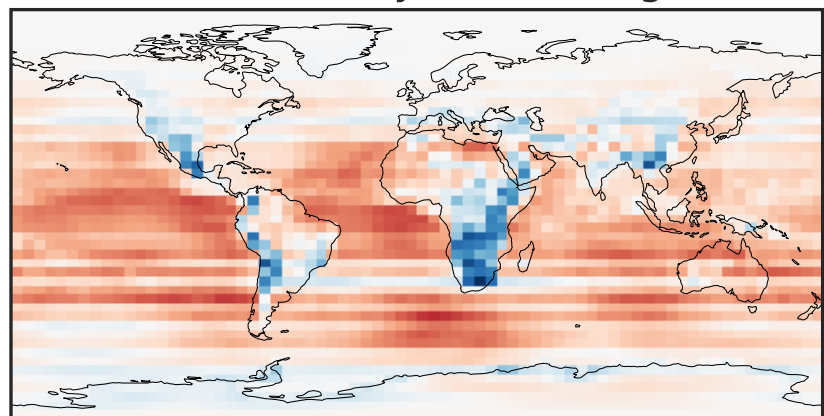
0.8 1.6 2.4
s-1 $1e-9$

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



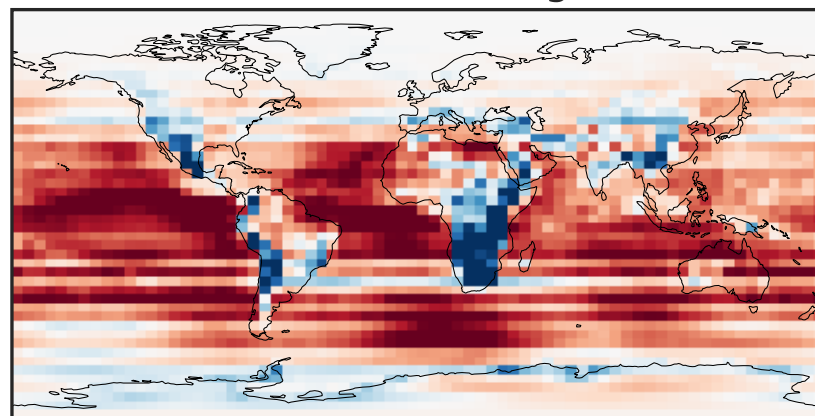
0.8 1.6 2.4
s-1 $1e-9$

Difference
Dev - Ref, Dynamic Range



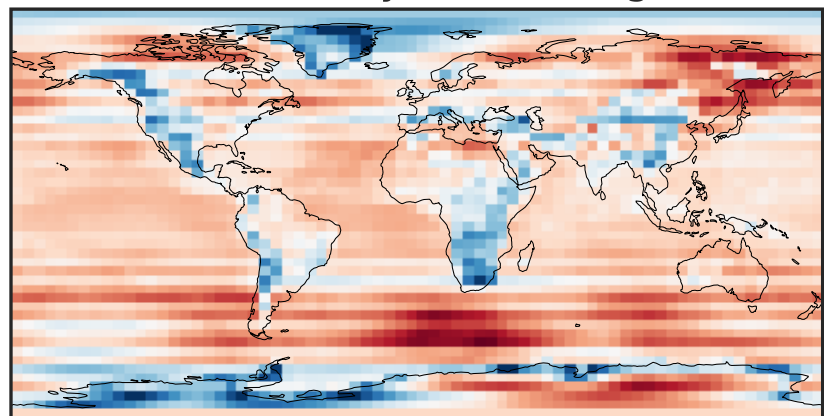
-1.5 0.0 1.5
s-1 $1e-10$

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



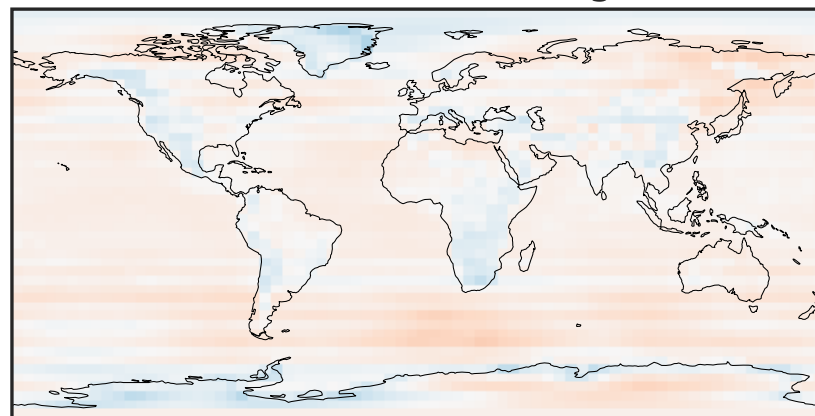
-8 0 8
s-1 $1e-11$

Ratio
Dev/Ref, Dynamic Range



0.8445 0.9223 1.0000 1.0921 1.1841
unitless

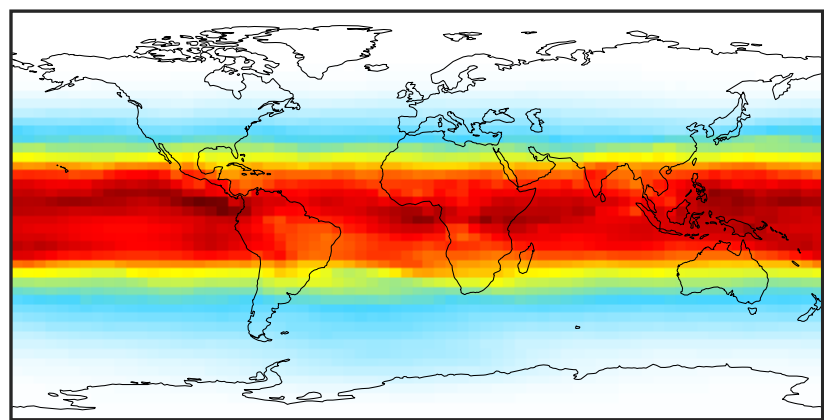
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

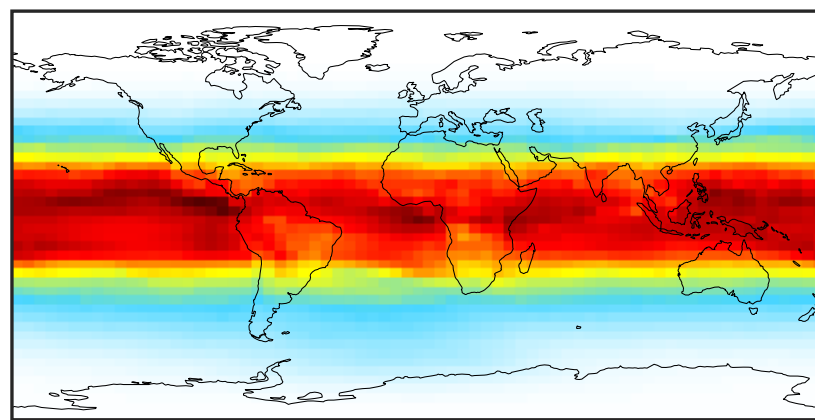
Jval_H1301 (Oct2019)

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



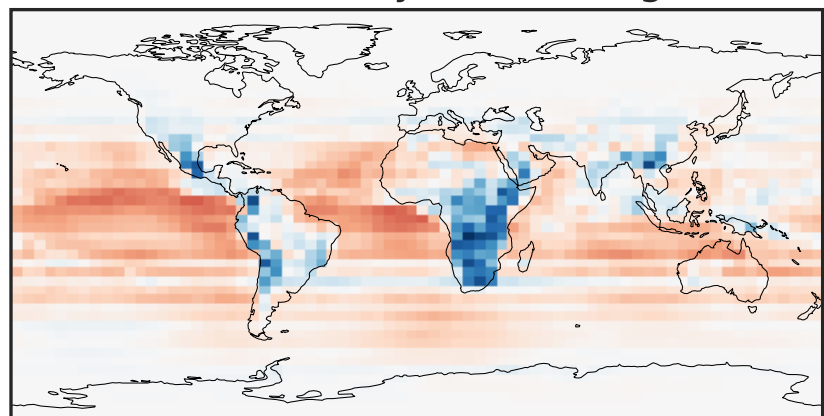
0.6 1.2 1.8
s-1 1e-12

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



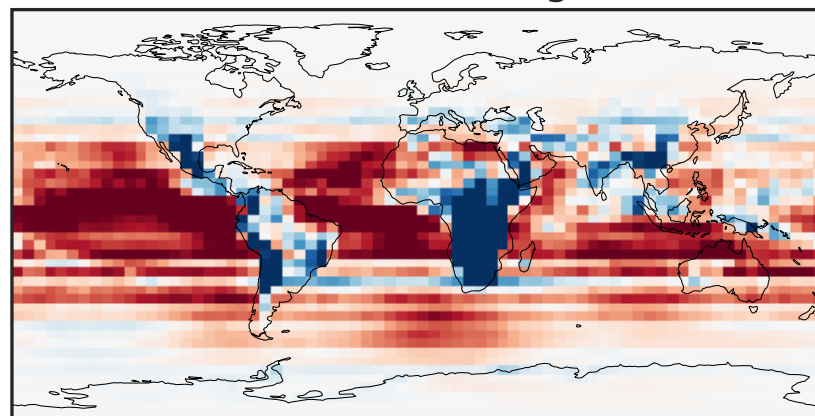
0.6 1.2 1.8
s-1 1e-12

Difference
Dev - Ref, Dynamic Range



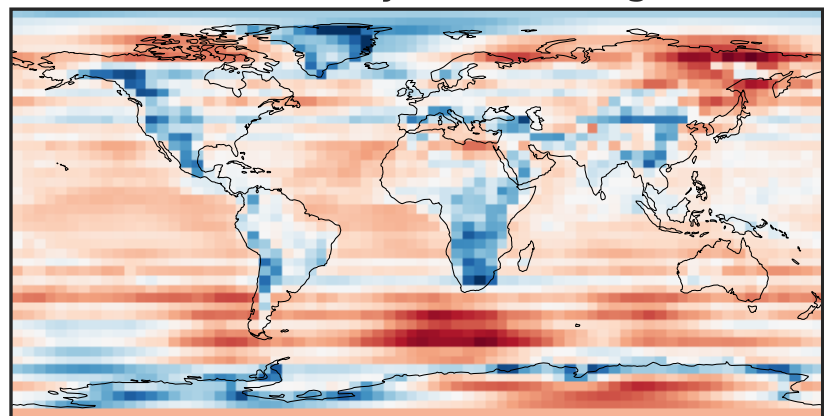
-6 0 6
s-1 1e-14

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



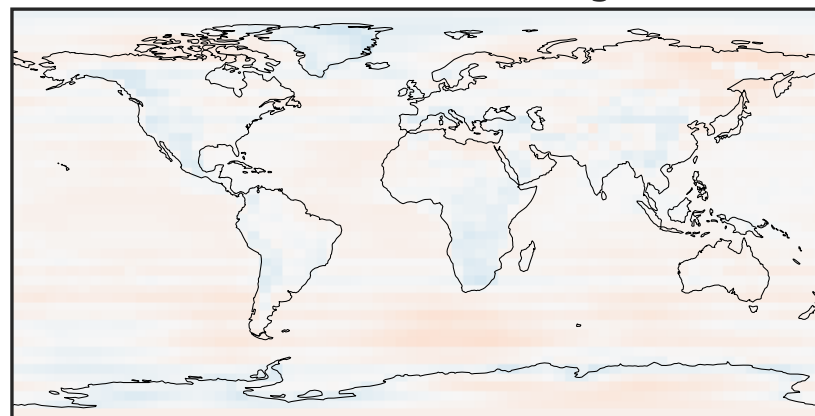
-2.5 0.0 2.5
s-1 1e-14

Ratio
Dev/Ref, Dynamic Range



0.8943 0.9472 1.0000 1.0591 1.1182
unitless

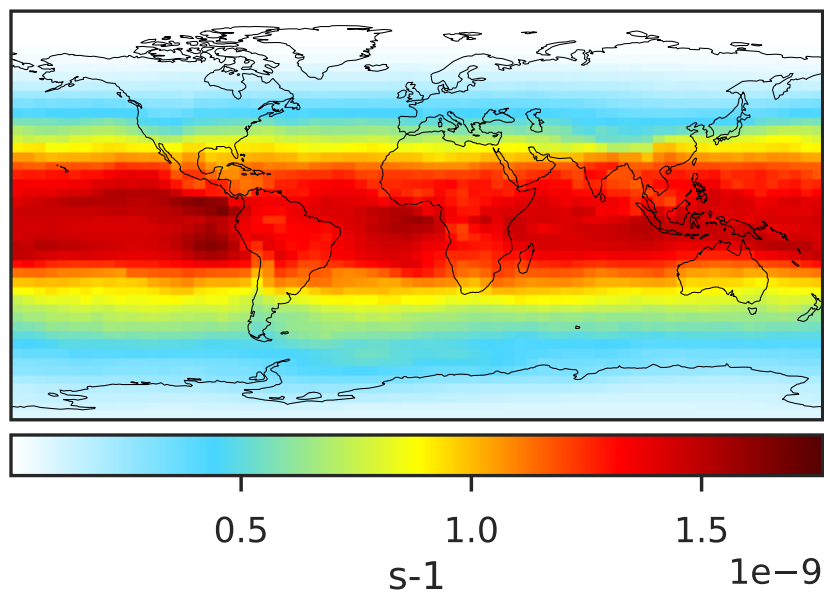
Ratio
Dev/Ref, Fixed Range



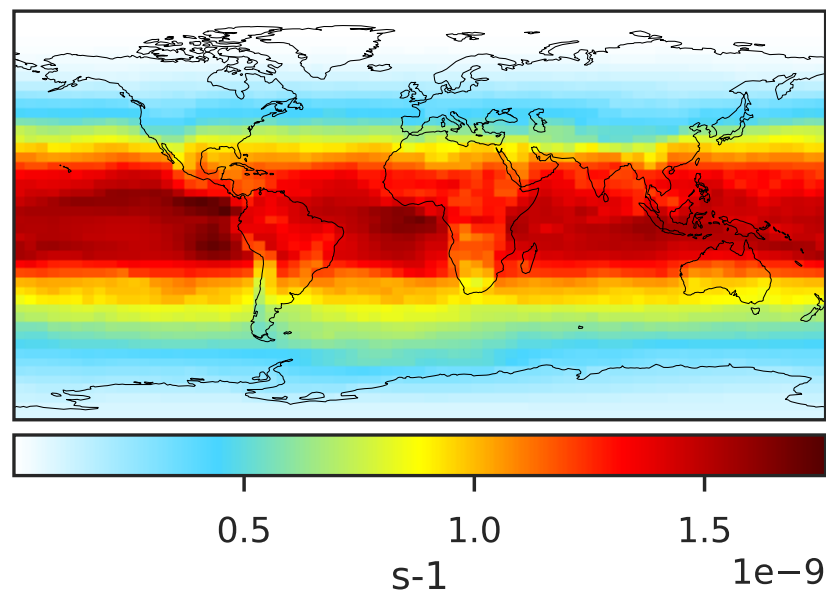
0.50 0.75 1.00 1.50 2.00
unitless

Jval_H2402 (Oct2019)

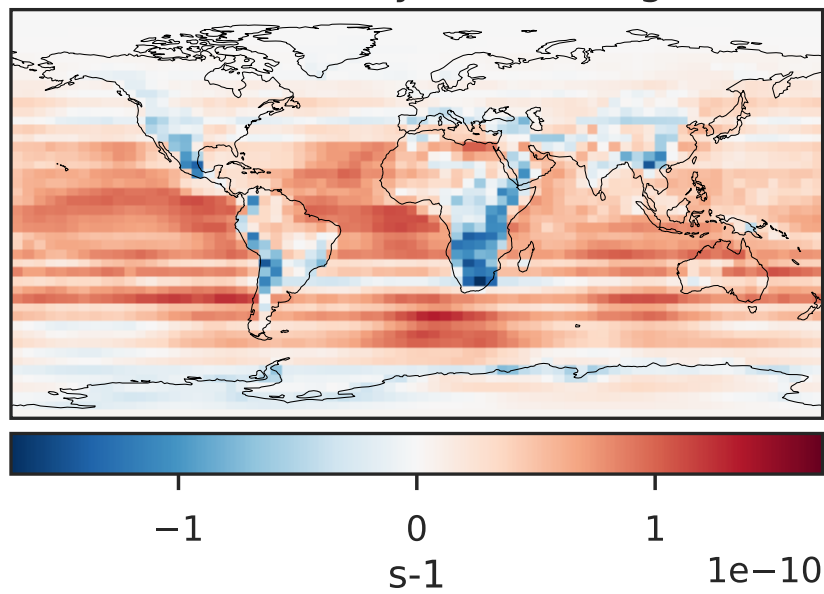
14.2.0-rc.2 (Ref)
4.0x5.0



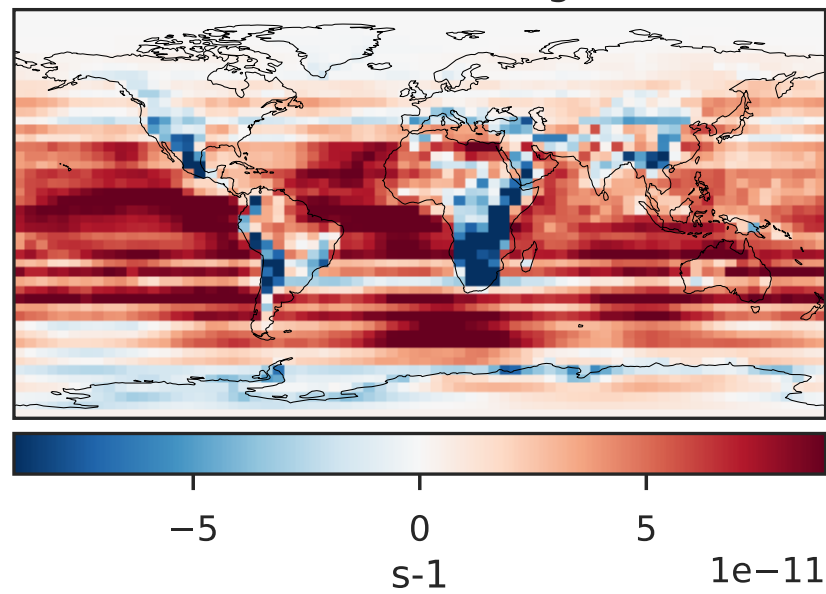
14.3.0-rc.0 (Dev)
4.0x5.0



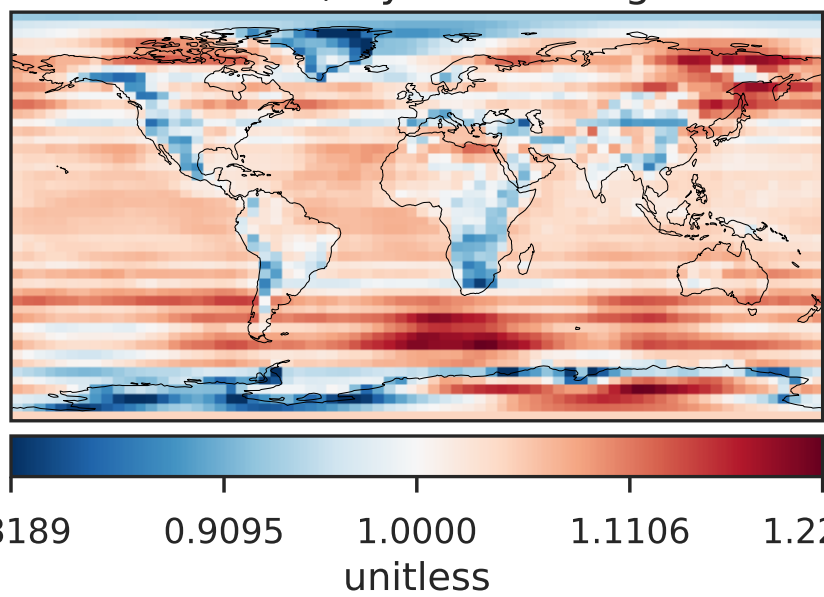
Difference
Dev - Ref, Dynamic Range



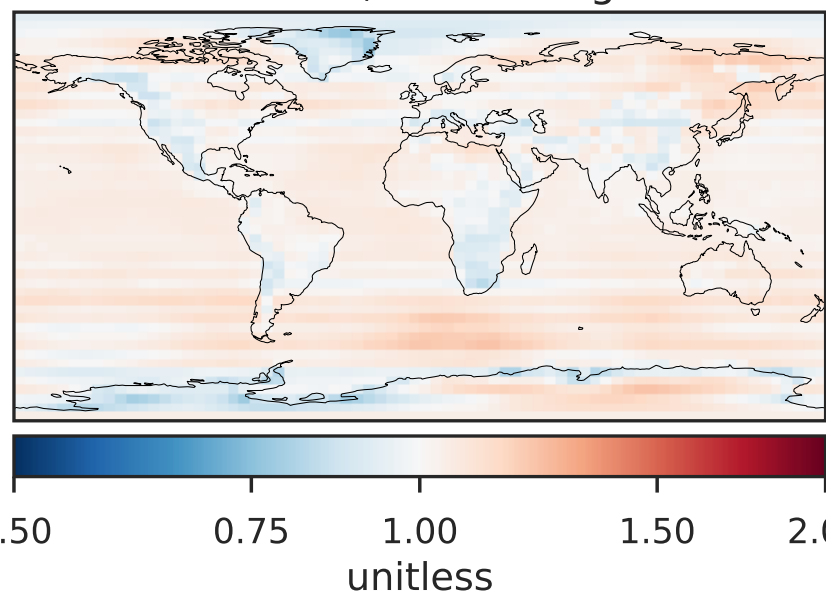
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

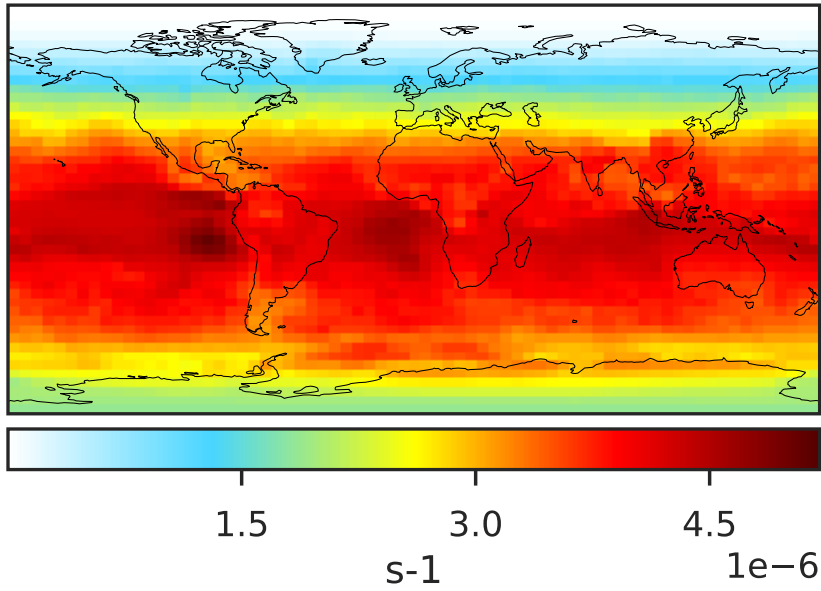


Ratio
Dev/Ref, Fixed Range

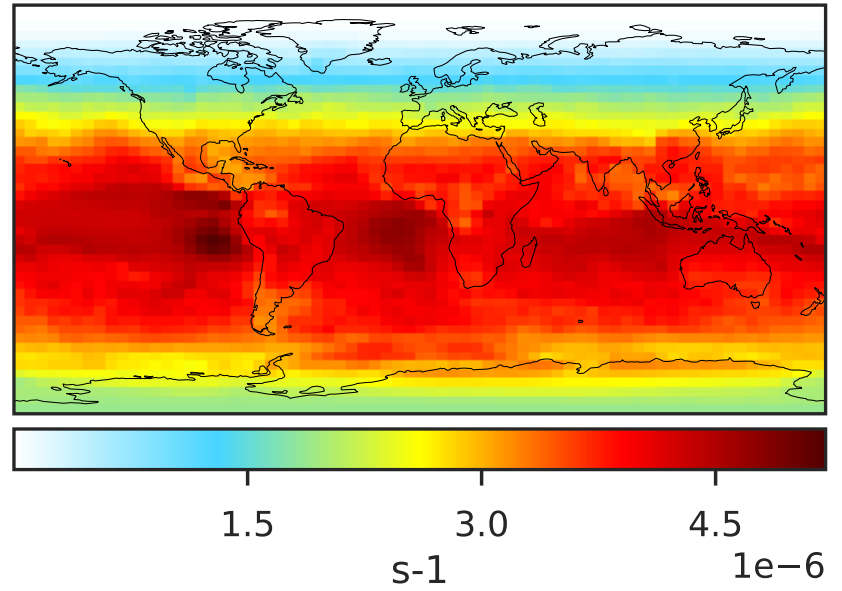


Jval_H2O2 (Oct2019)

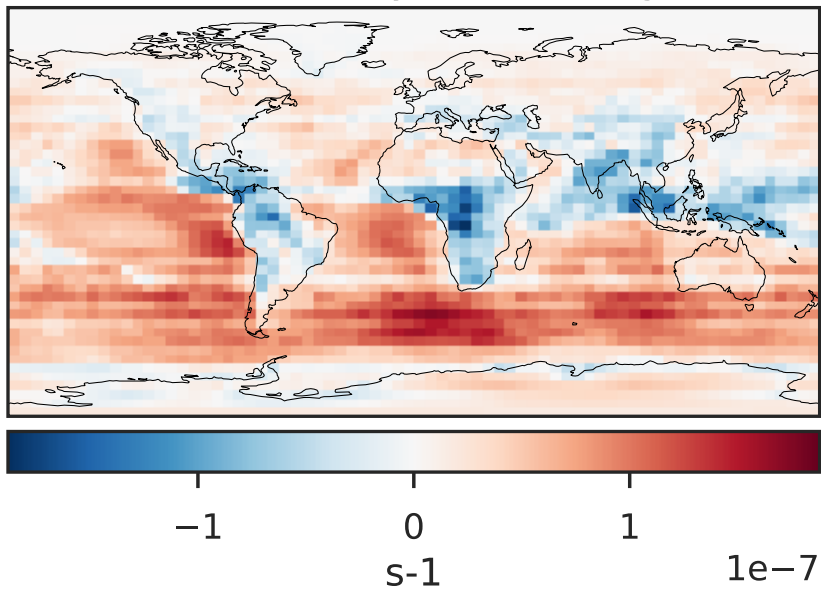
14.2.0-rc.2 (Ref)
4.0x5.0



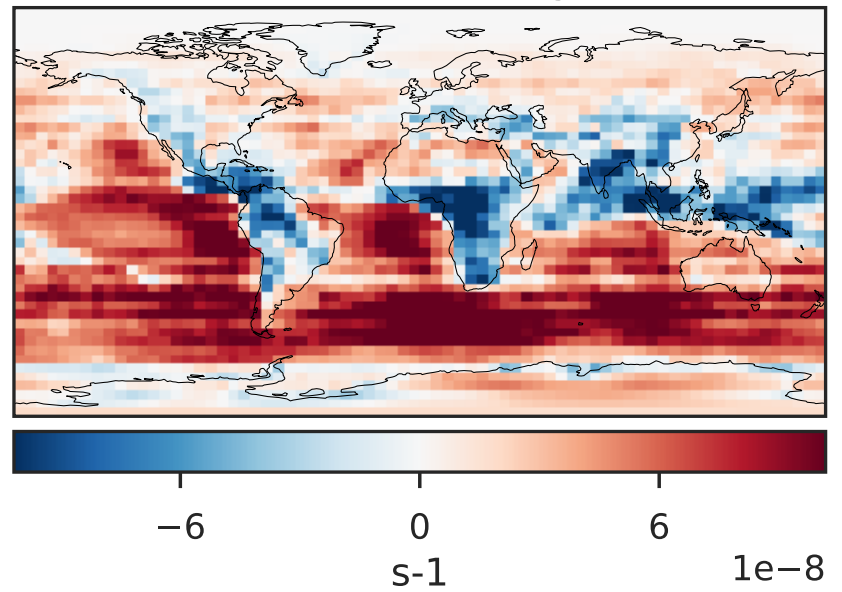
14.3.0-rc.0 (Dev)
4.0x5.0



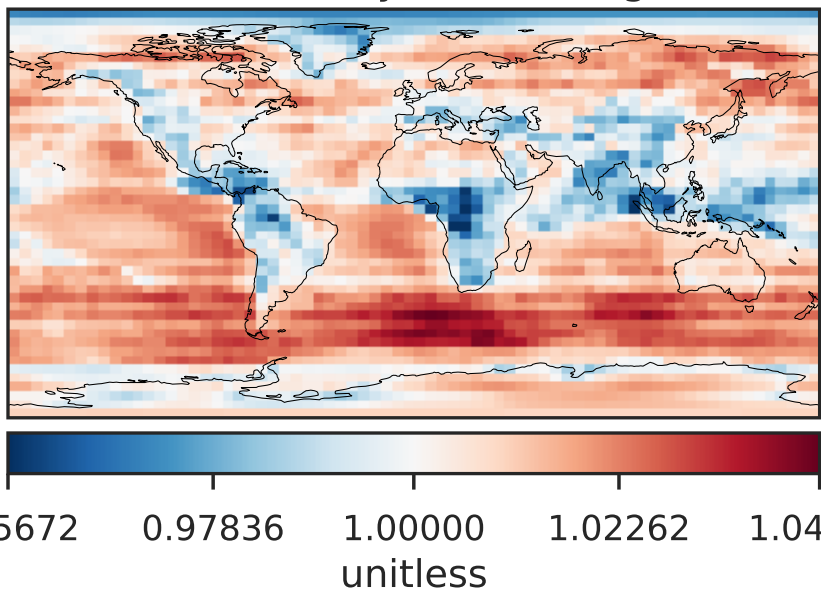
Difference
Dev - Ref, Dynamic Range



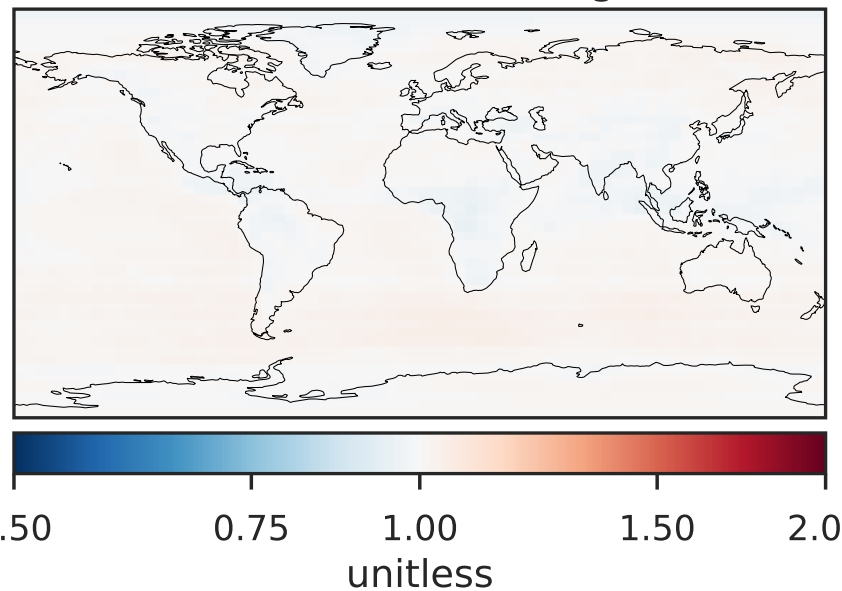
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

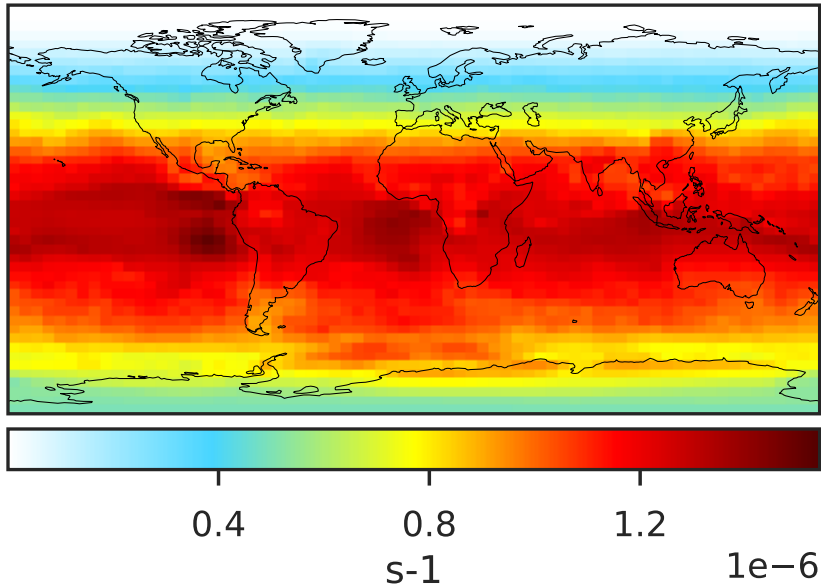


Ratio
Dev/Ref, Fixed Range

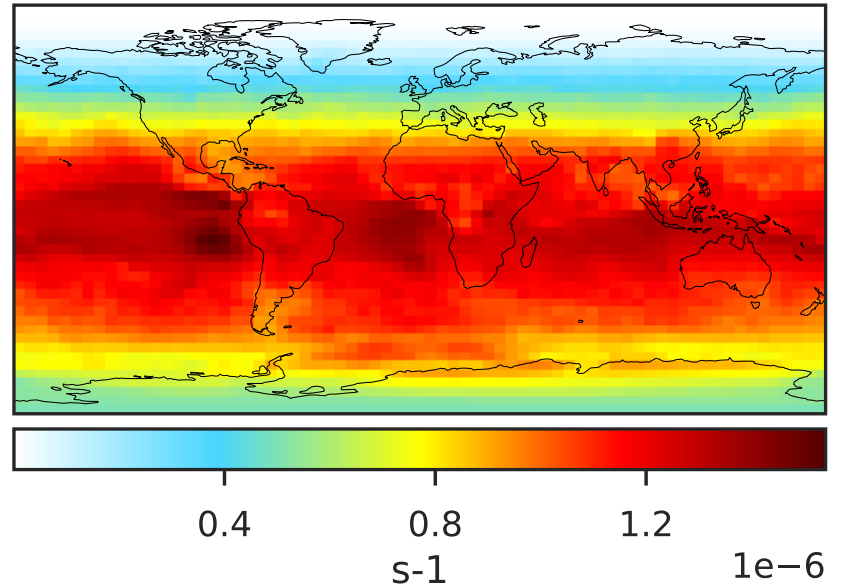


Jval_HAC (Oct2019)

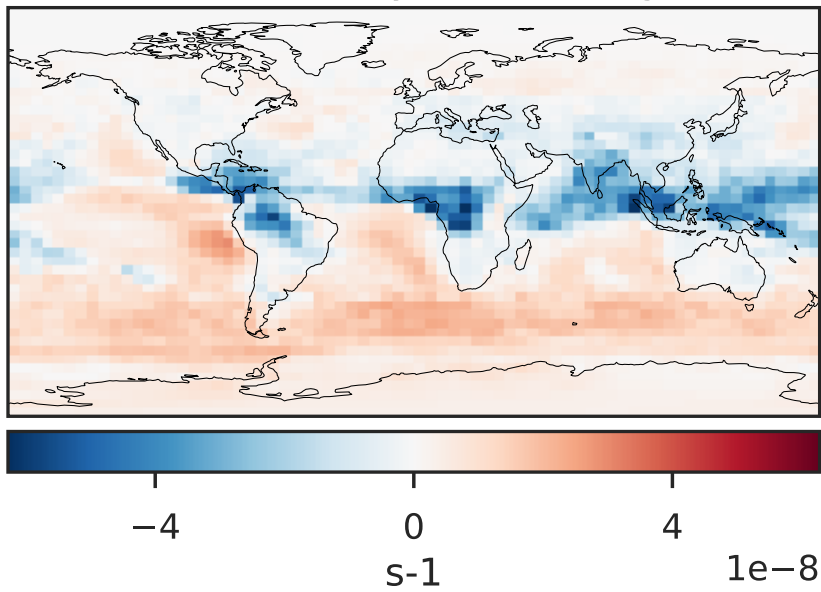
14.2.0-rc.2 (Ref)
4.0x5.0



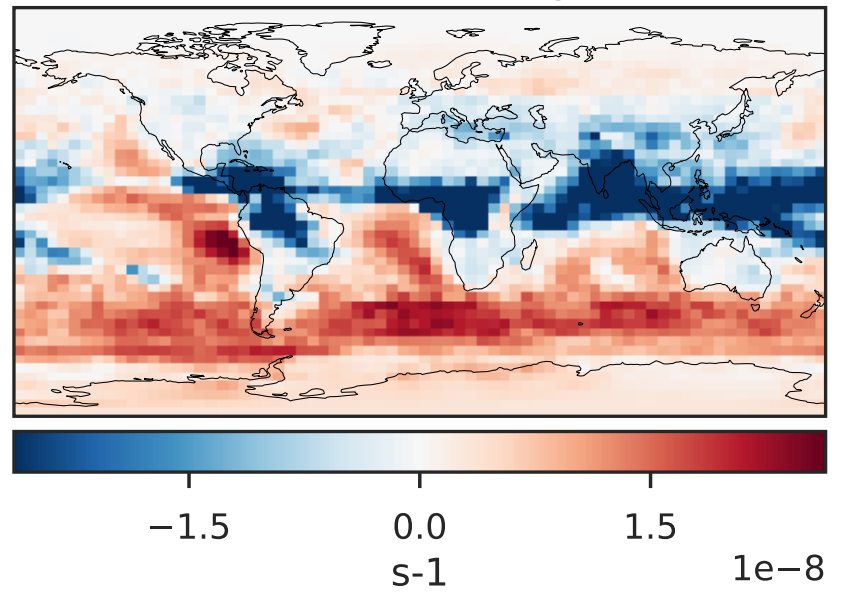
14.3.0-rc.0 (Dev)
4.0x5.0



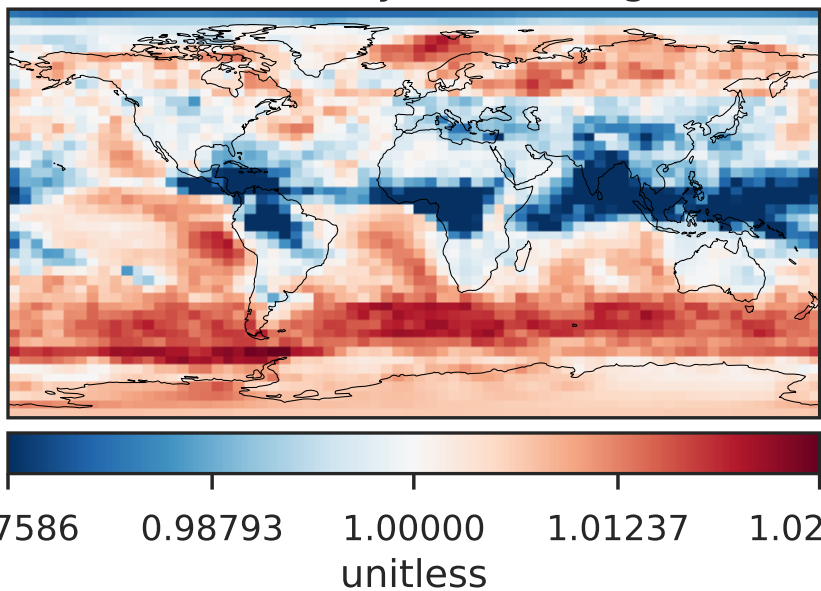
Difference
Dev - Ref, Dynamic Range



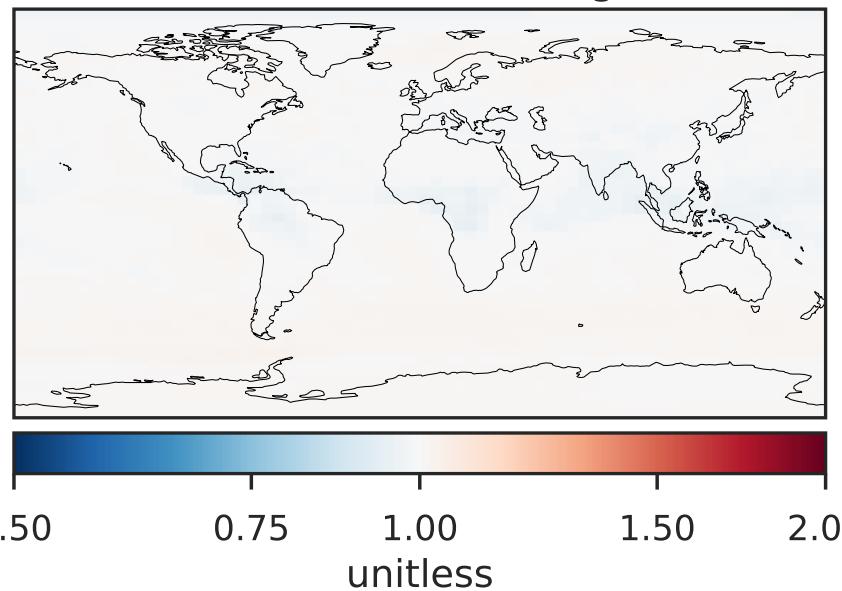
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

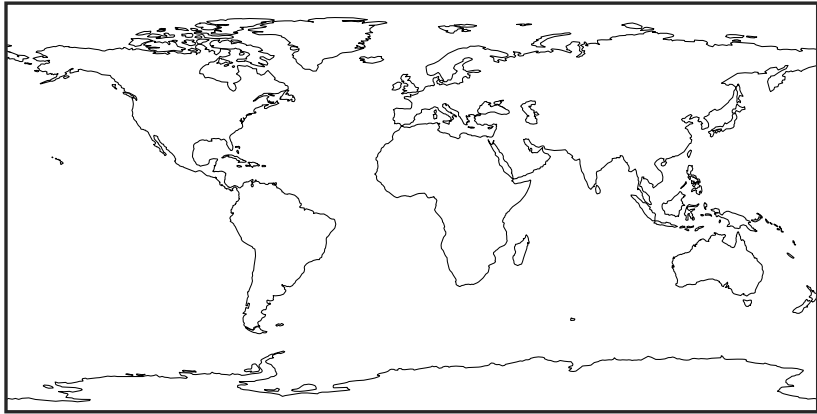


Ratio
Dev/Ref, Fixed Range



Jval_HC5A (Oct2019)

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



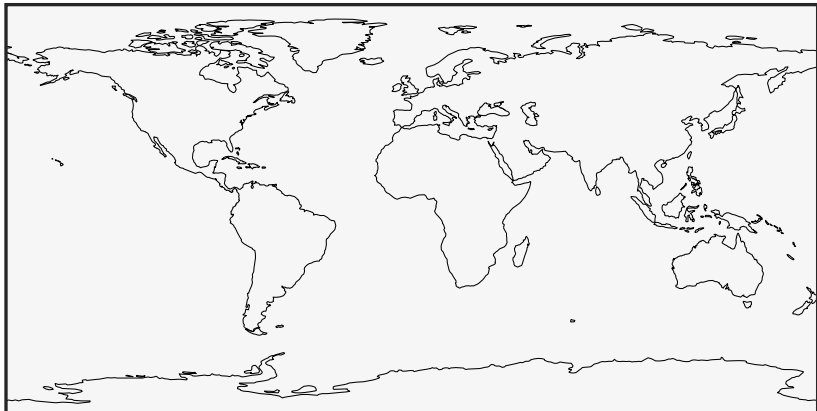
Zero throughput domain
s-1

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



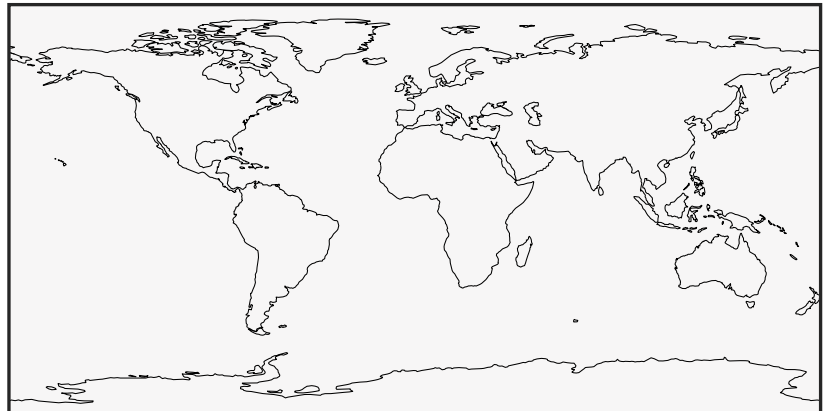
Zero throughput domain
s-1

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

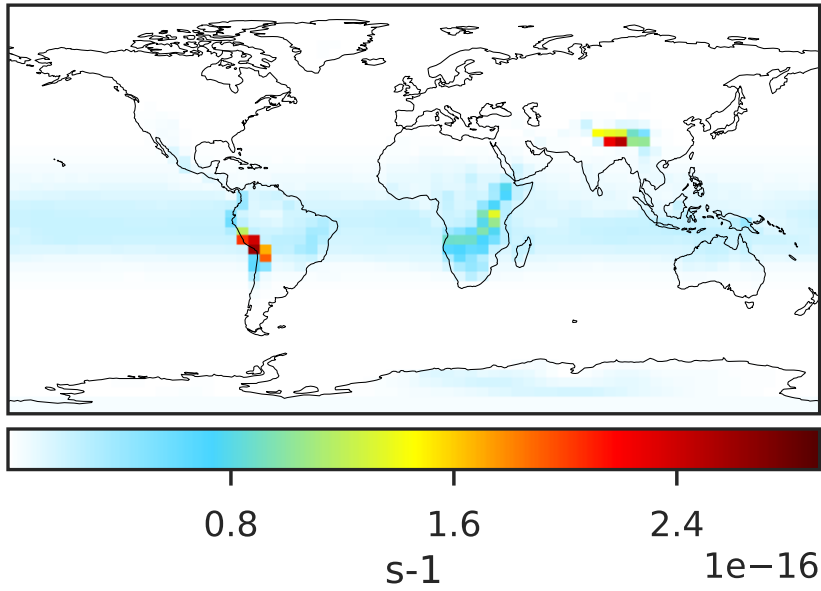
Ratio
Dev/Ref, Fixed Range



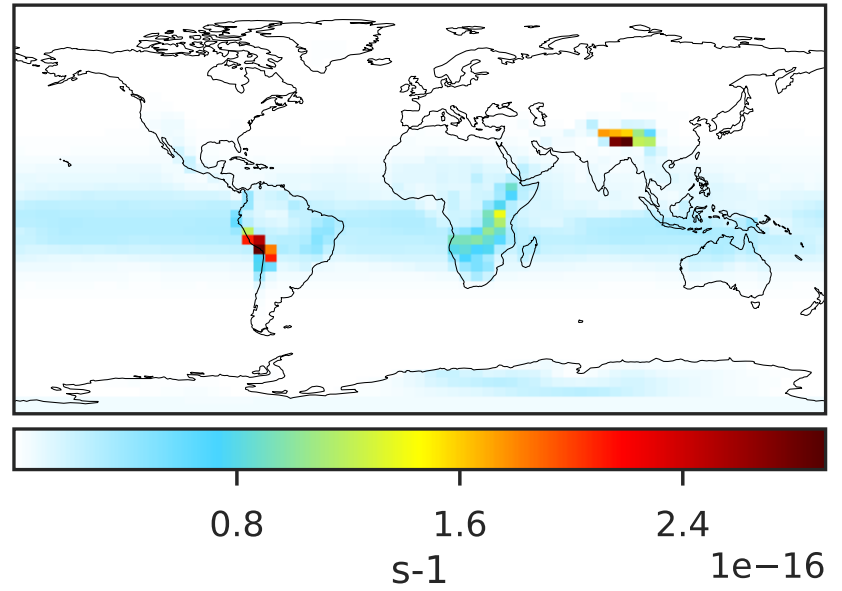
Undefined throughput domain
unitless

Jval_HCFC123 (Oct2019)

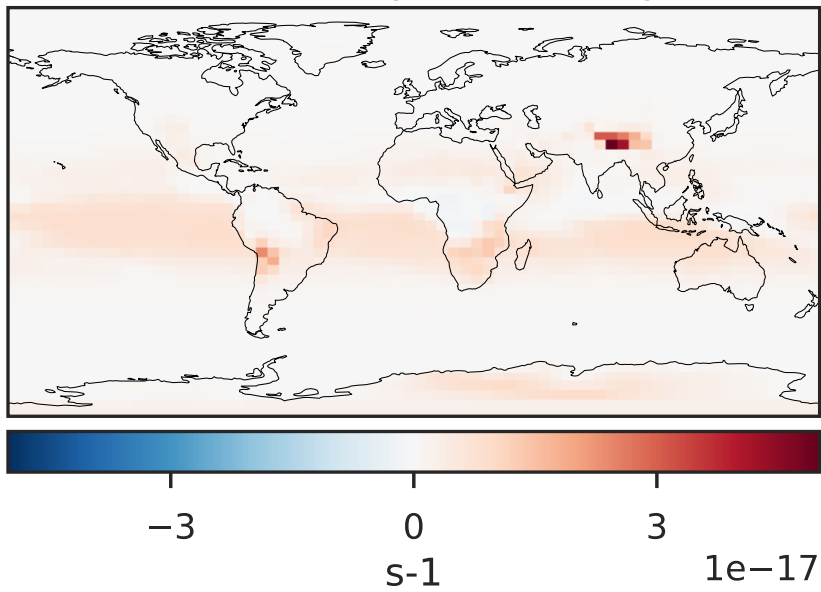
14.2.0-rc.2 (Ref)
4.0x5.0



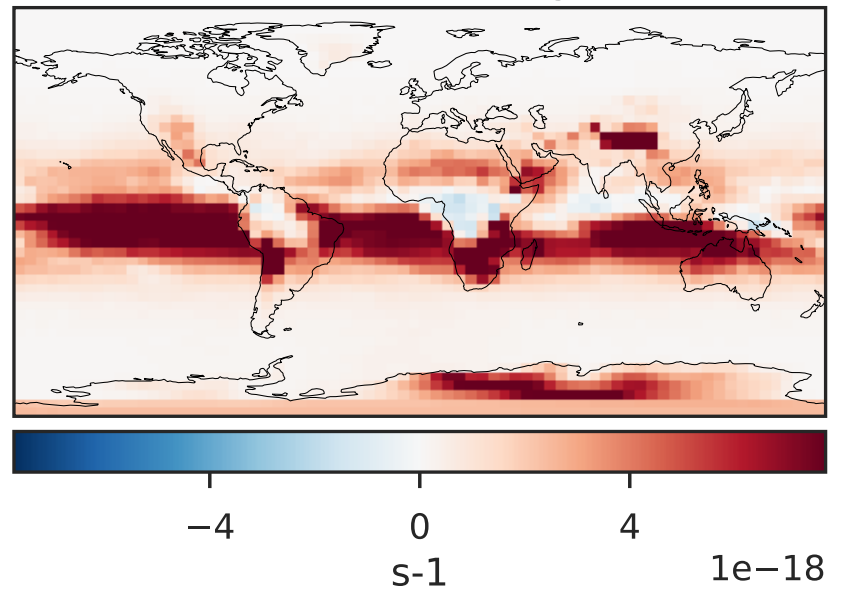
14.3.0-rc.0 (Dev)
4.0x5.0



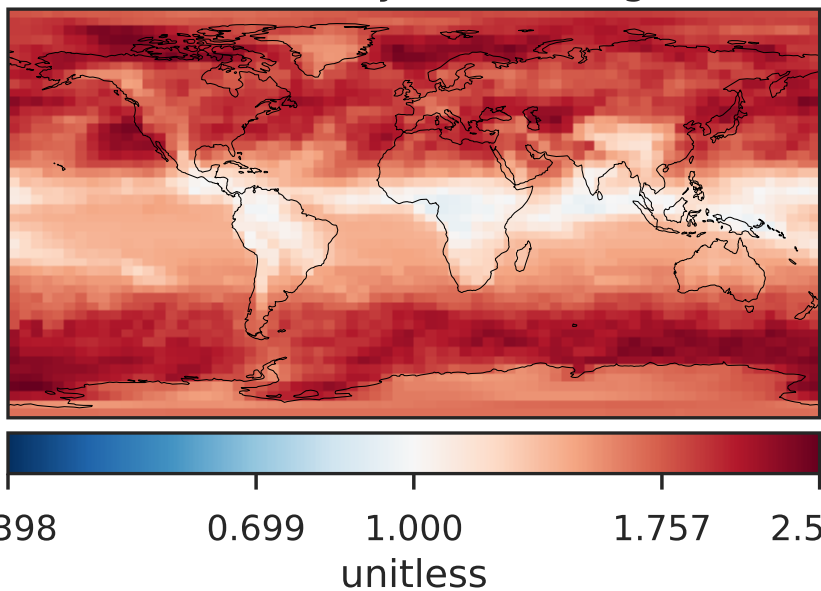
Difference
Dev - Ref, Dynamic Range



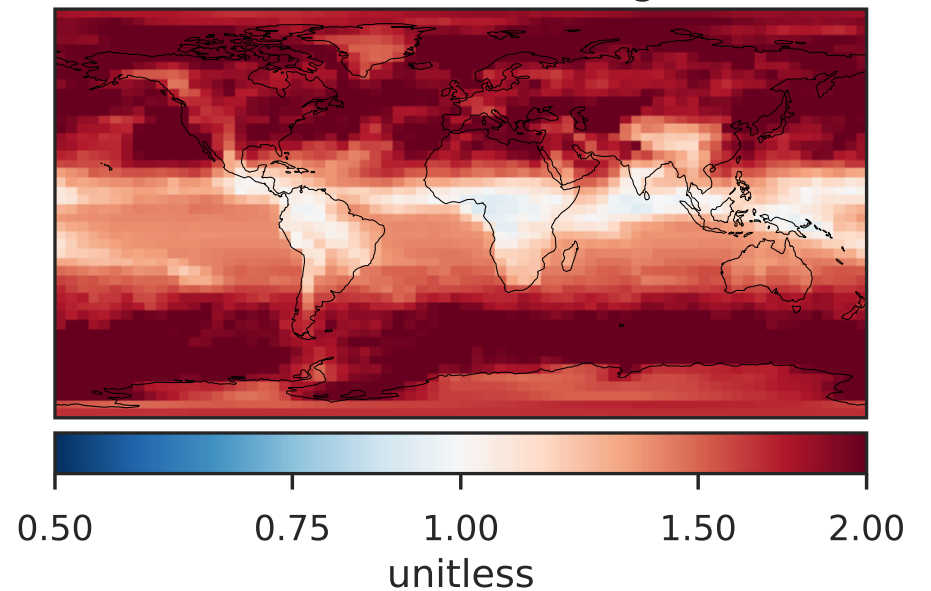
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

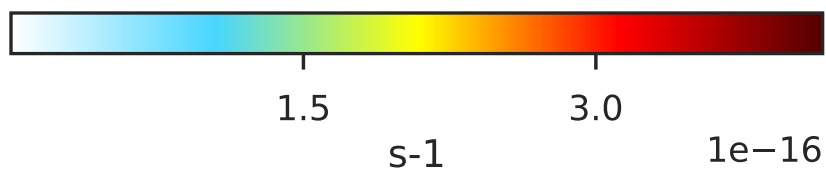
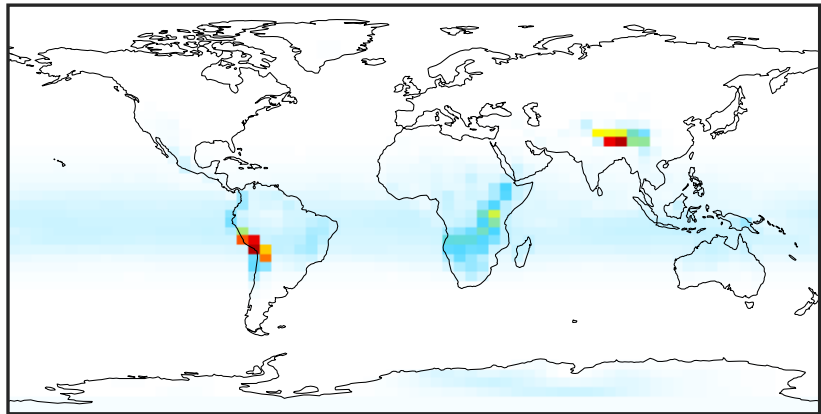


Ratio
Dev/Ref, Fixed Range

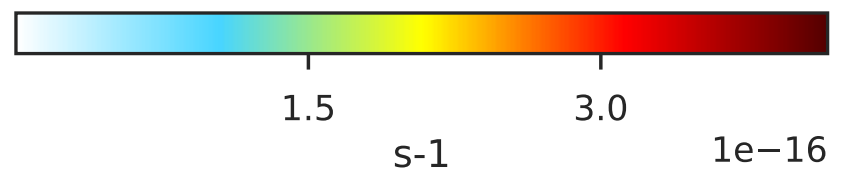
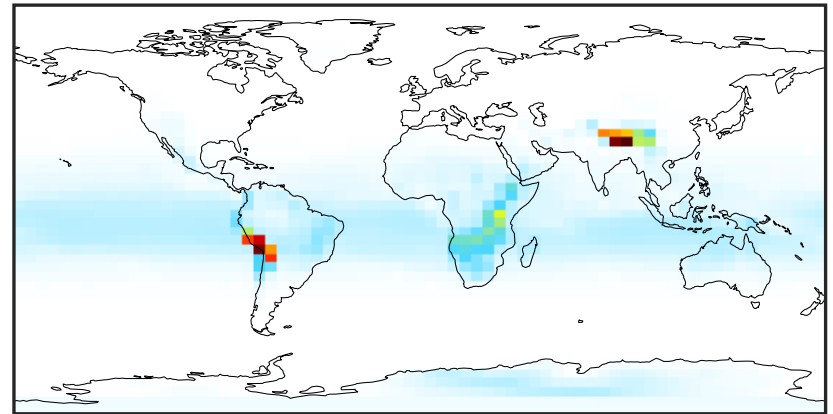


Jval_HCFC141b (Oct2019)

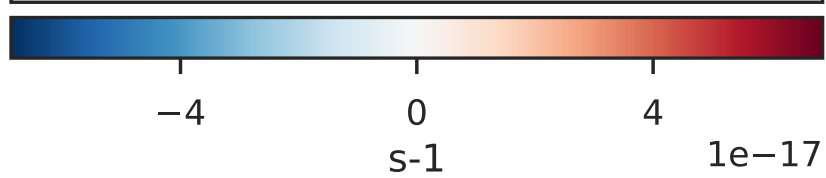
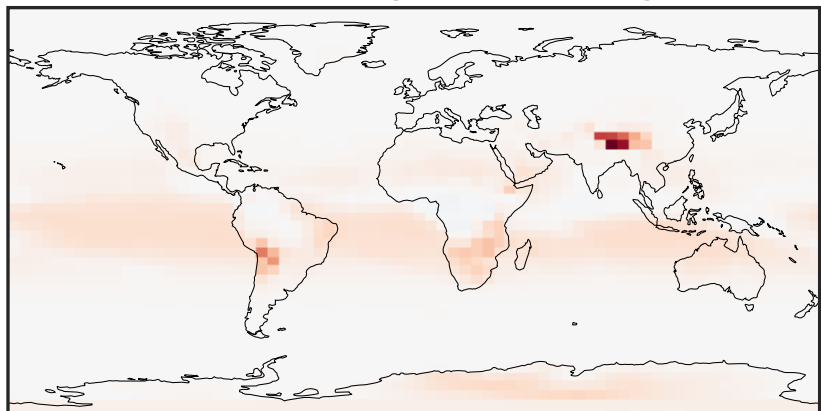
14.2.0-rc.2 (Ref)
4.0x5.0



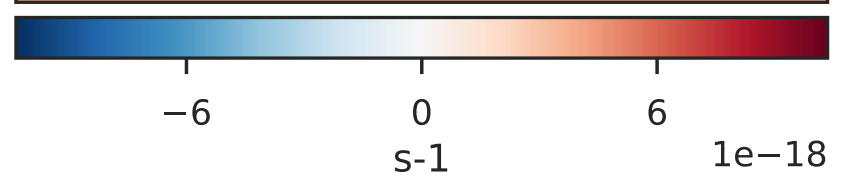
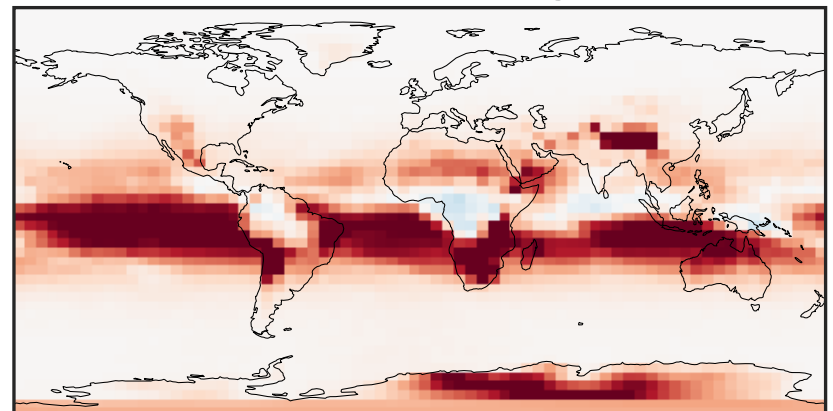
14.3.0-rc.0 (Dev)
4.0x5.0



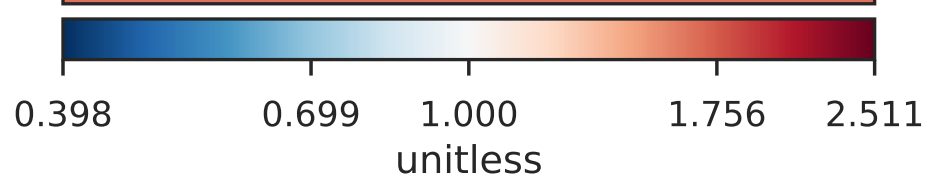
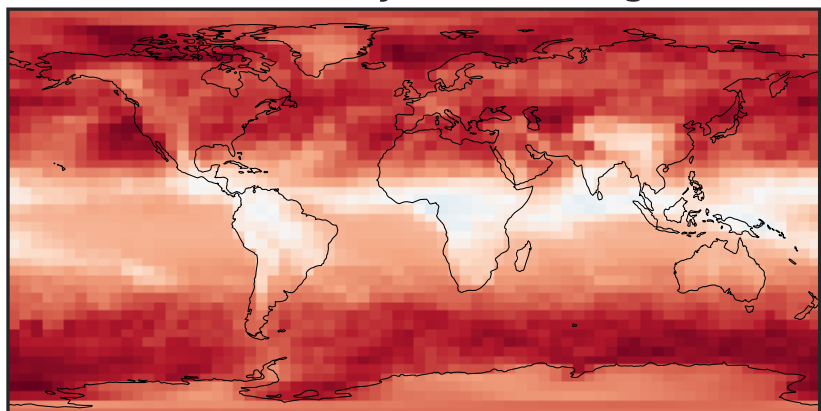
Difference
Dev - Ref, Dynamic Range



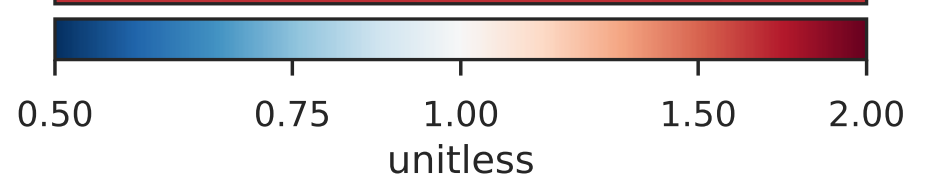
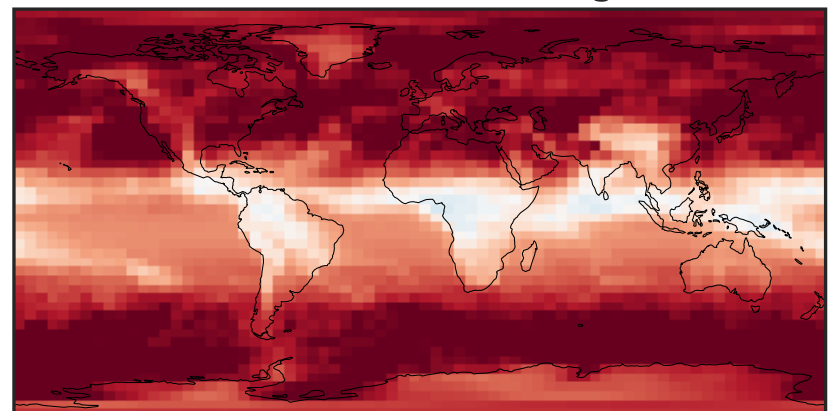
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

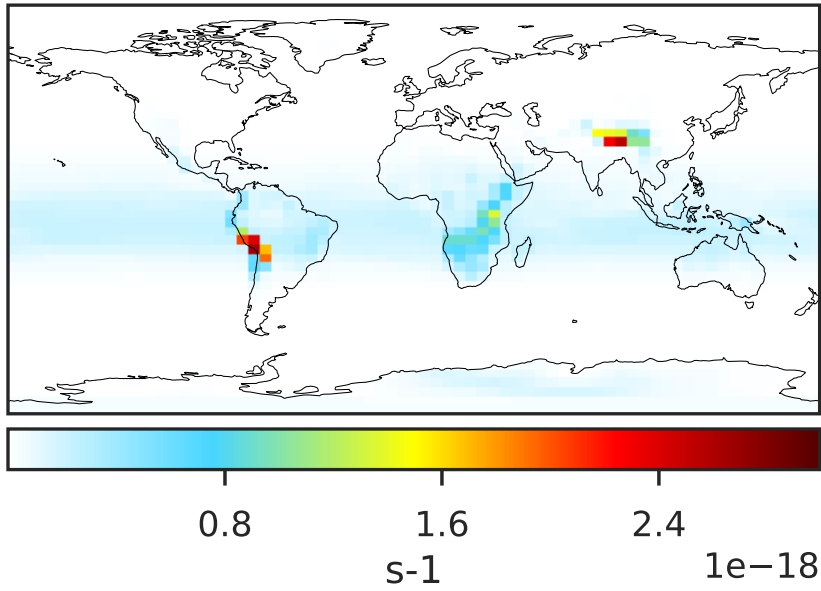


Ratio
Dev/Ref, Fixed Range

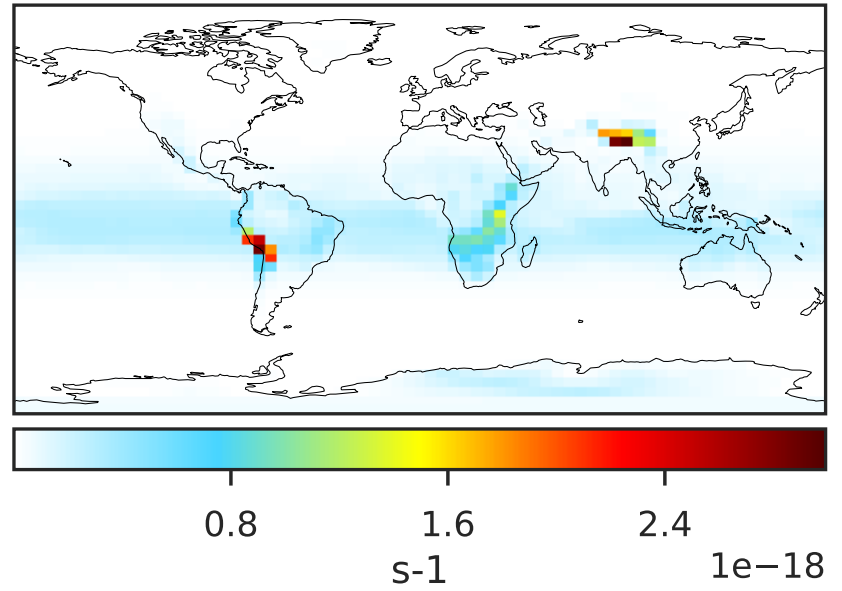


Jval_HCFC142b (Oct2019)

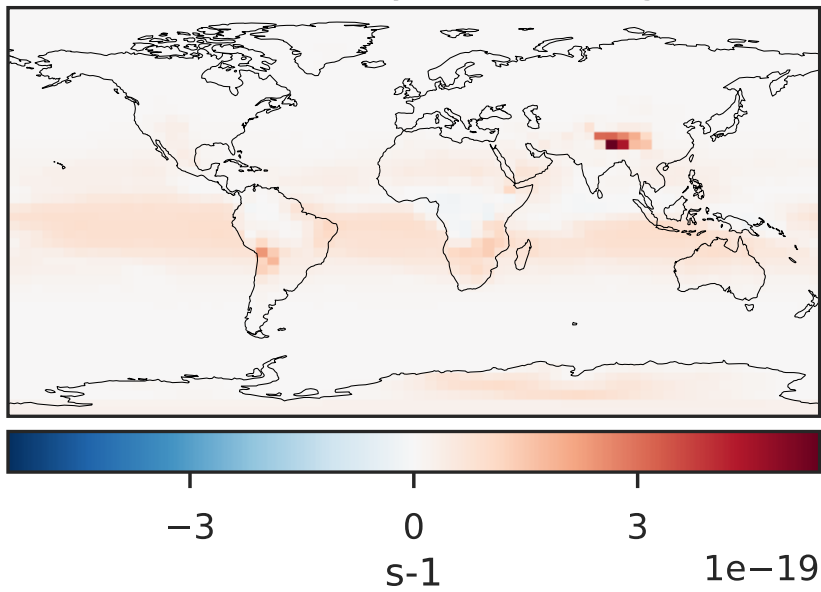
14.2.0-rc.2 (Ref)
4.0x5.0



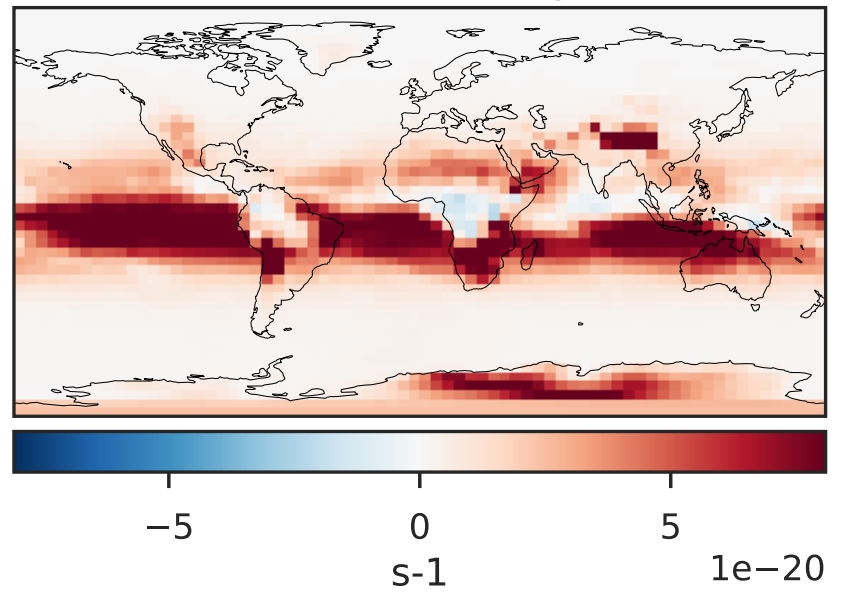
14.3.0-rc.0 (Dev)
4.0x5.0



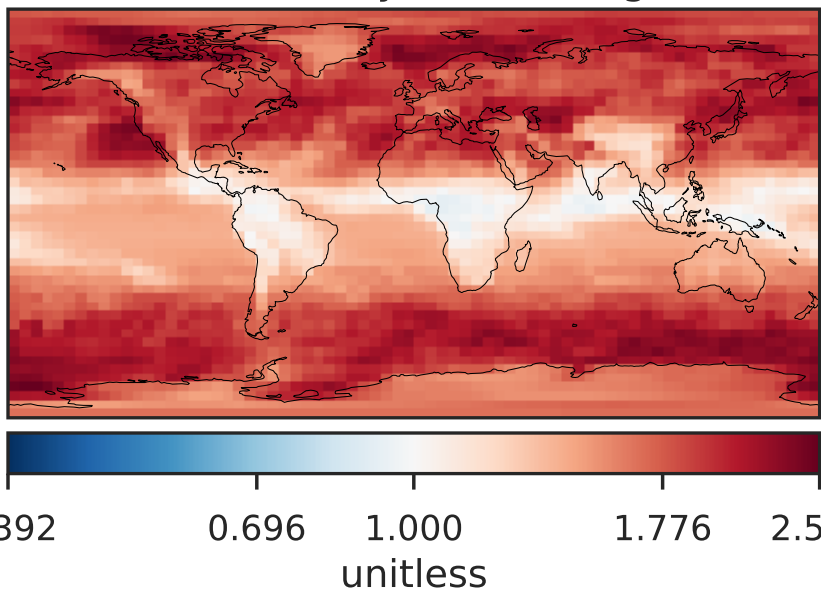
Difference
Dev - Ref, Dynamic Range



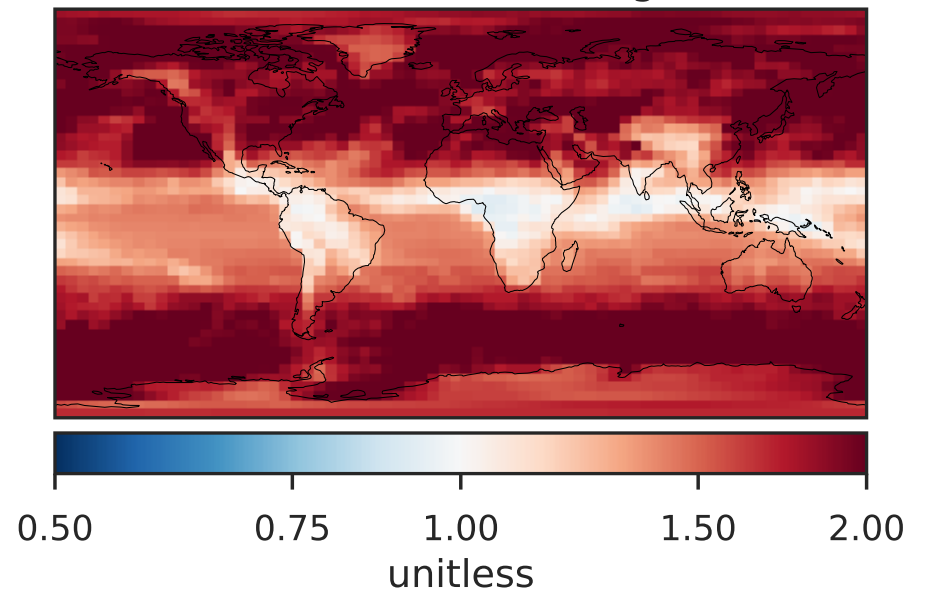
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

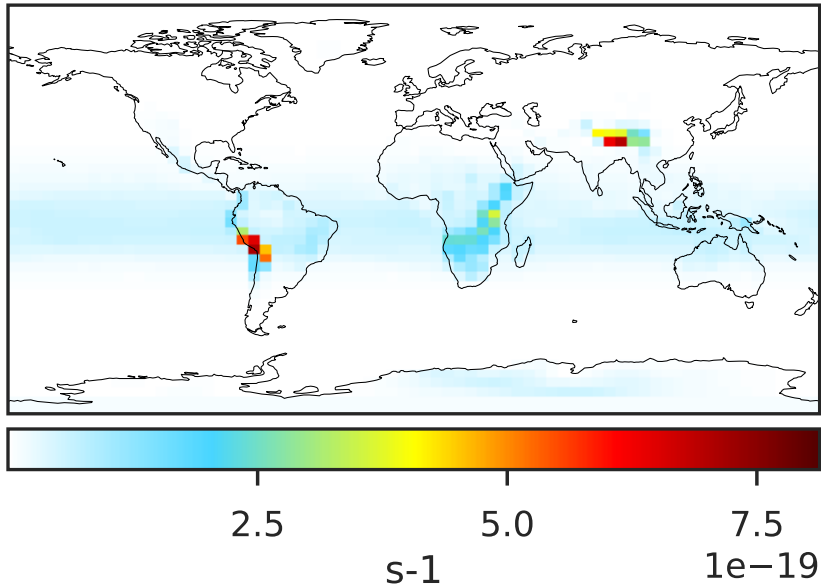


Ratio
Dev/Ref, Fixed Range

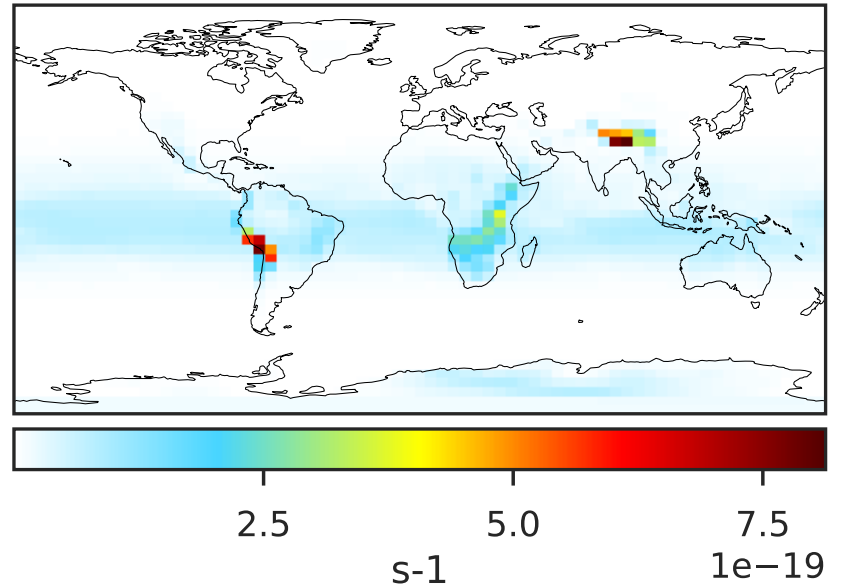


Jval_HCFC22 (Oct2019)

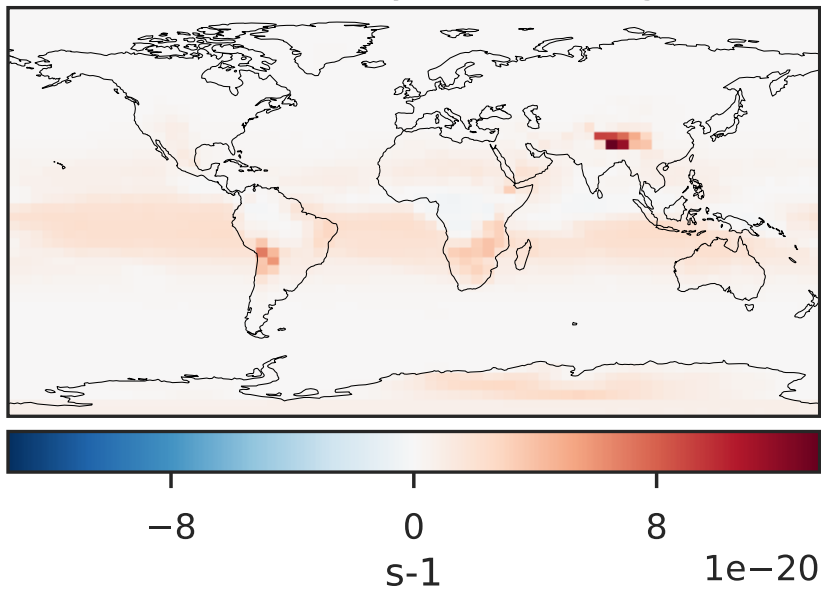
14.2.0-rc.2 (Ref)
4.0x5.0



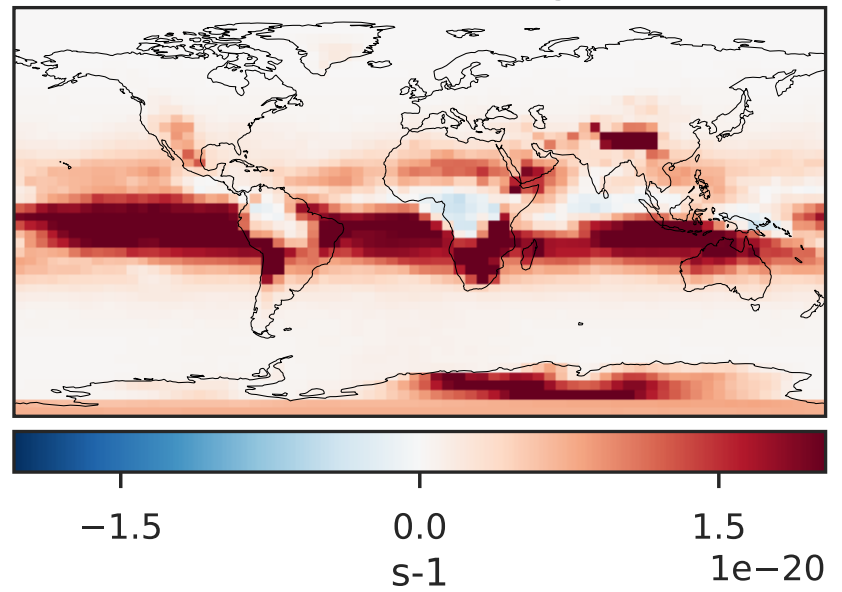
14.3.0-rc.0 (Dev)
4.0x5.0



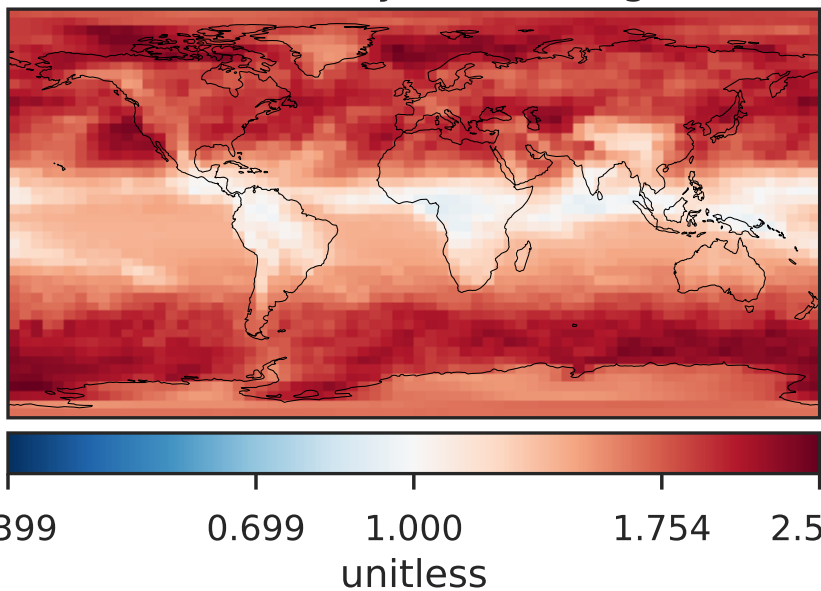
Difference
Dev - Ref, Dynamic Range



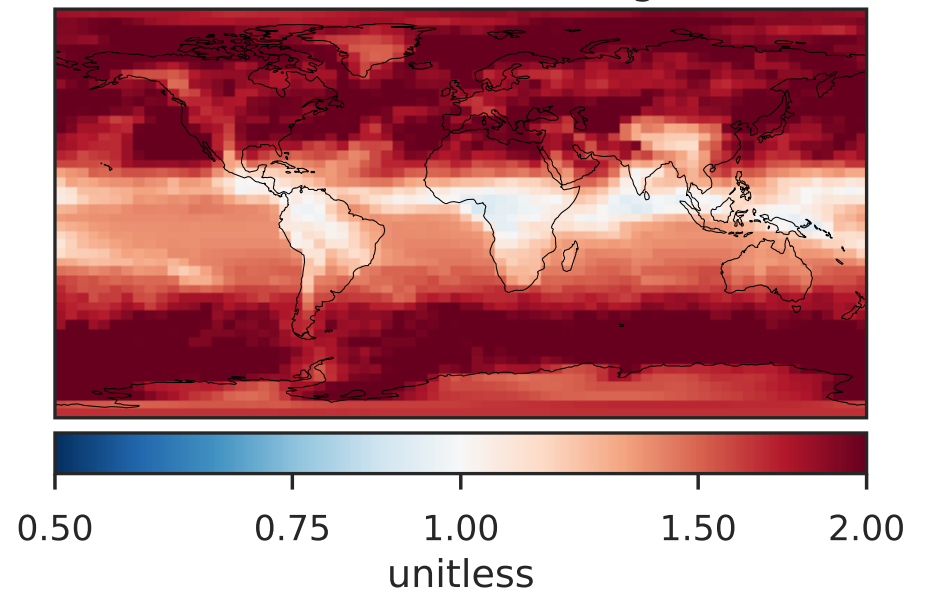
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

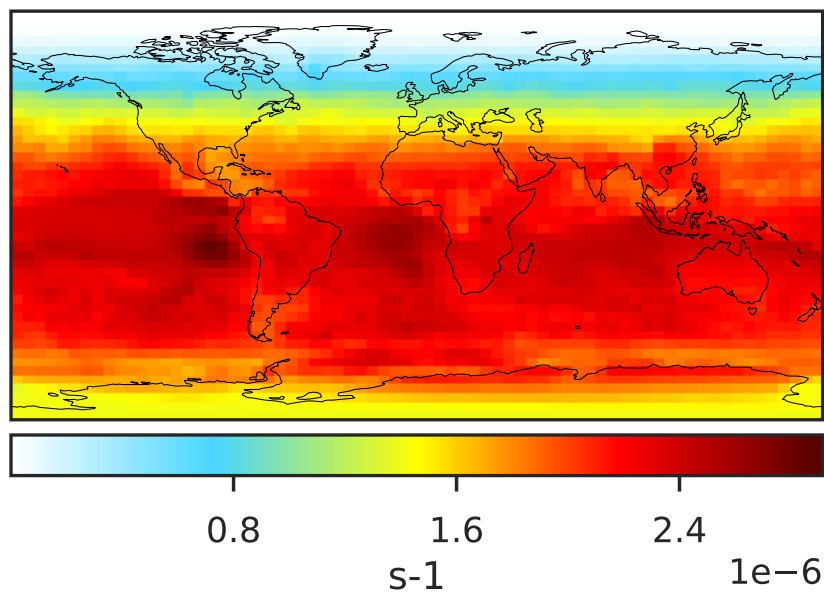


Ratio
Dev/Ref, Fixed Range

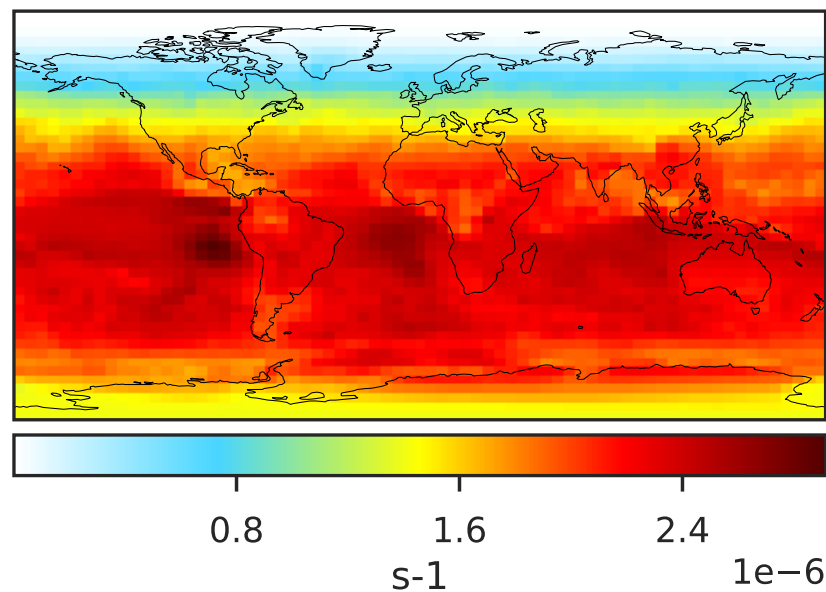


Jval_HMHP (Oct2019)

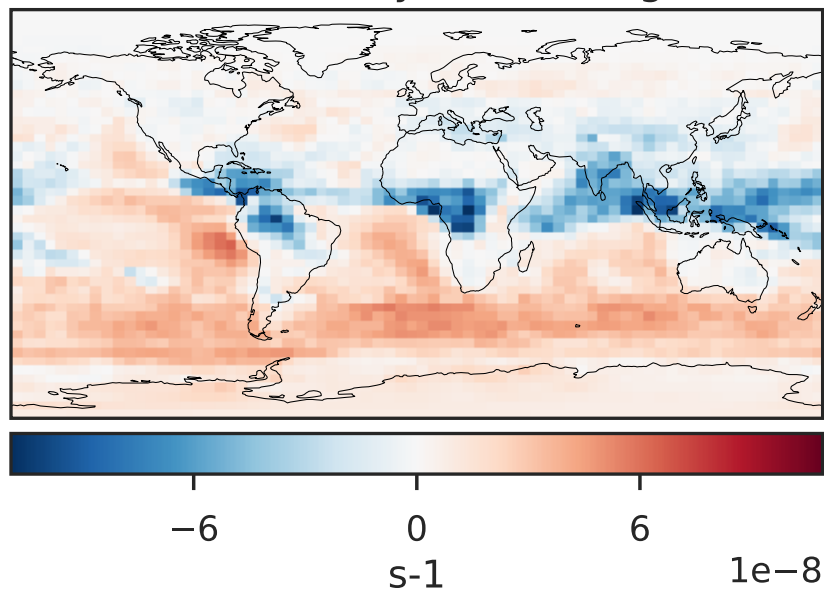
14.2.0-rc.2 (Ref)
4.0x5.0



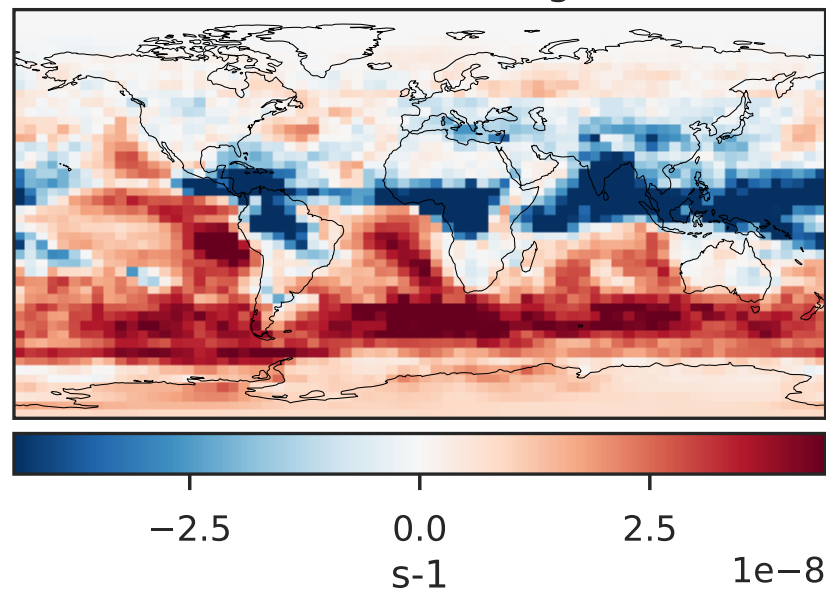
14.3.0-rc.0 (Dev)
4.0x5.0



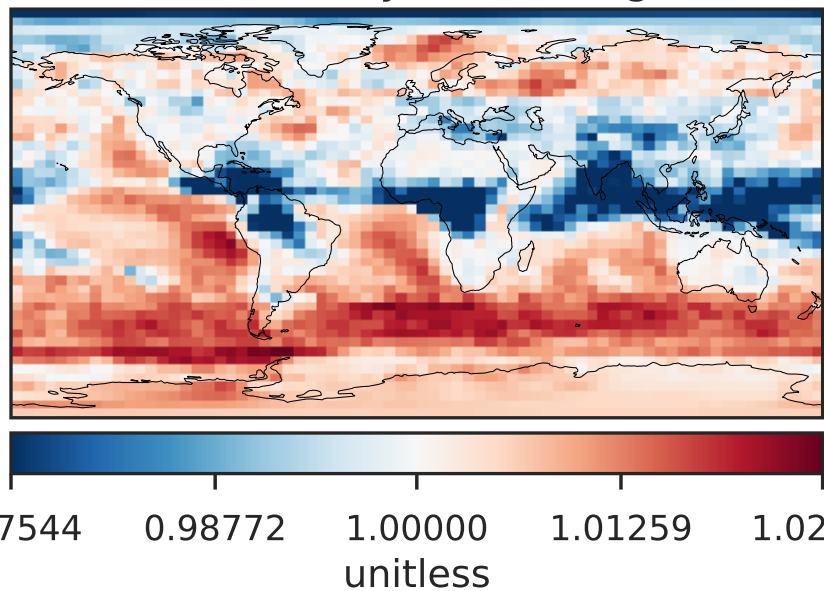
Difference
Dev - Ref, Dynamic Range



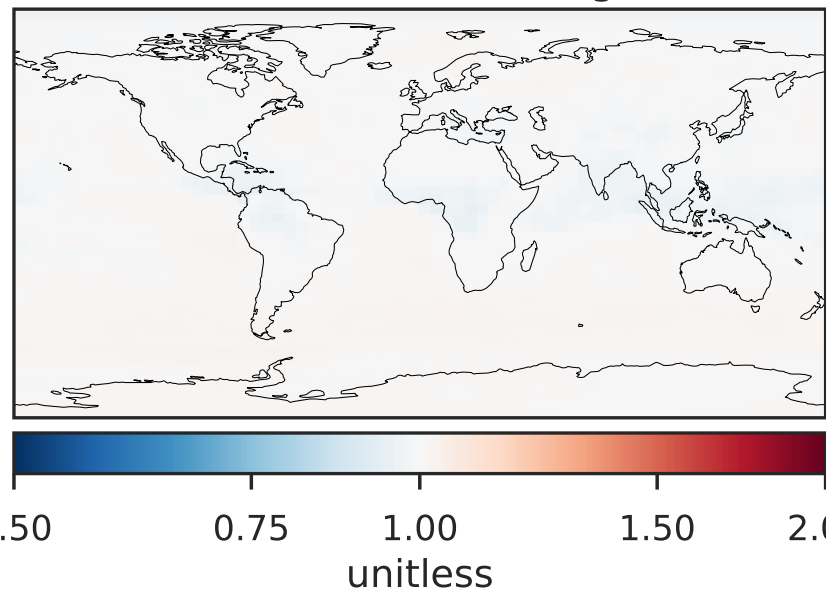
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

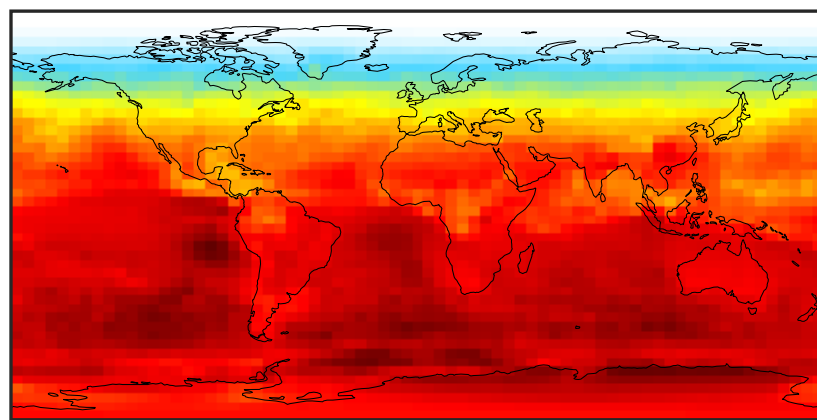


Ratio
Dev/Ref, Fixed Range



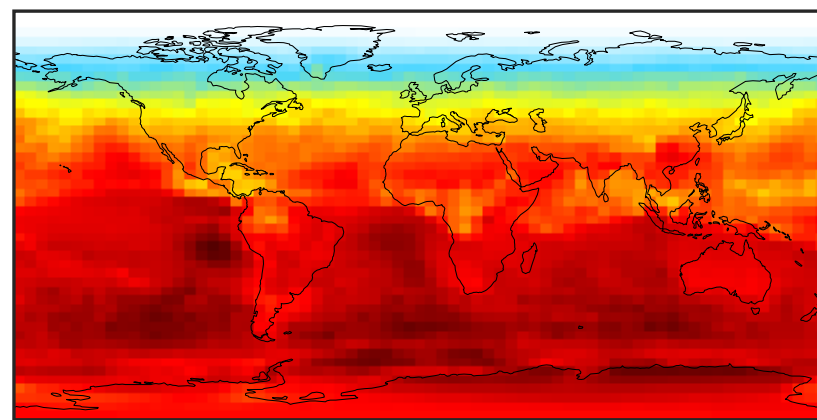
Jval_HNO2 (Oct2019)

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



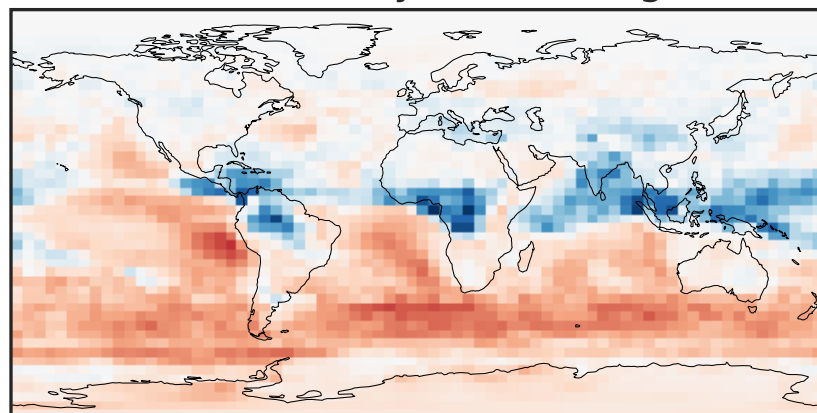
0.0003 0.0006 0.0009
s-1

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



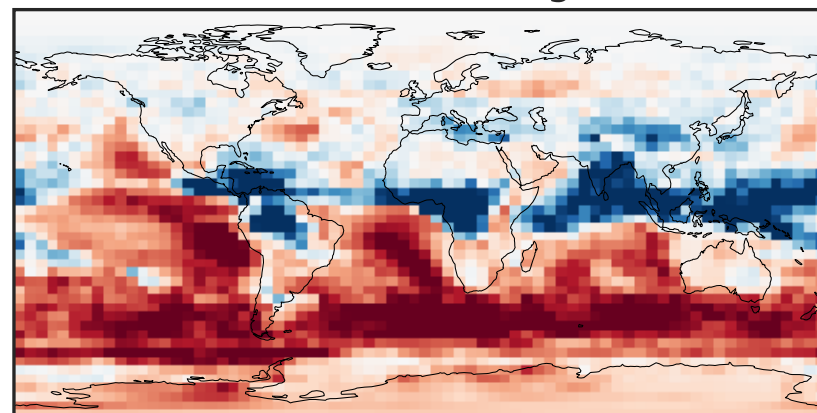
0.0003 0.0006 0.0009
s-1

Difference
Dev - Ref, Dynamic Range



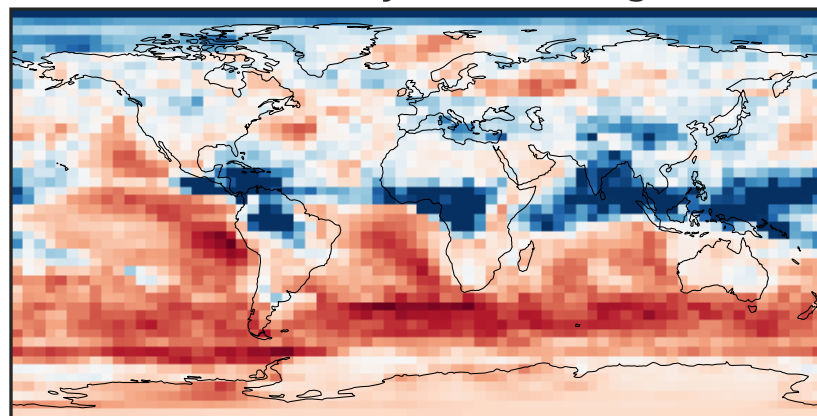
-2 0 2
s-1 1e-5

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



-1 0 1
s-1 1e-5

Ratio
Dev/Ref, Dynamic Range



0.97444 0.98722 1.00000 1.01312 1.02623
unitless

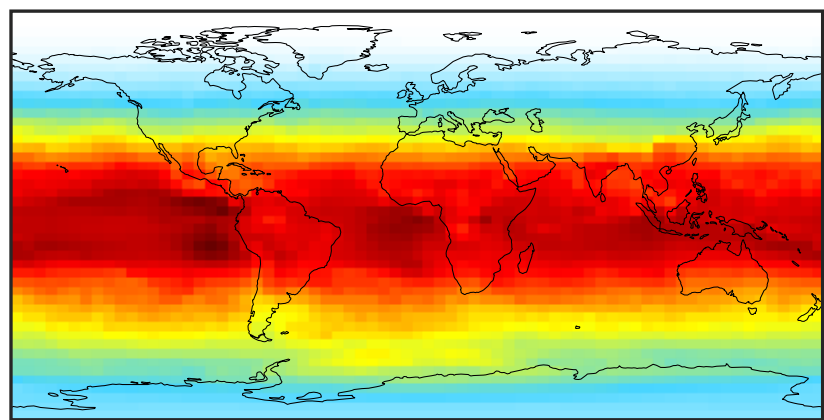
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

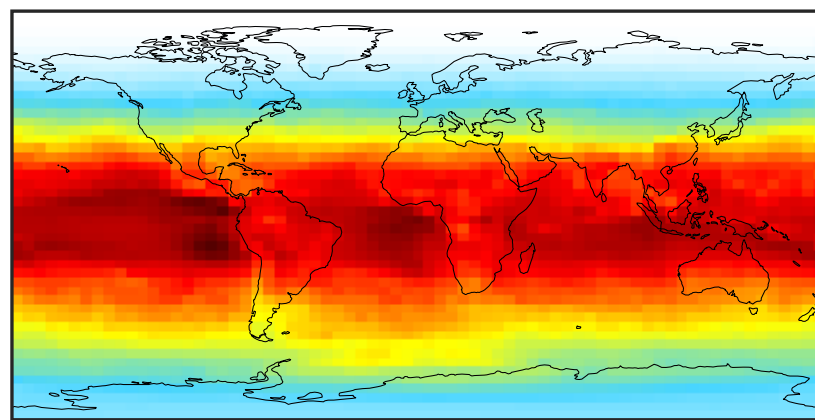
Jval_HNO3 (Oct2019)

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



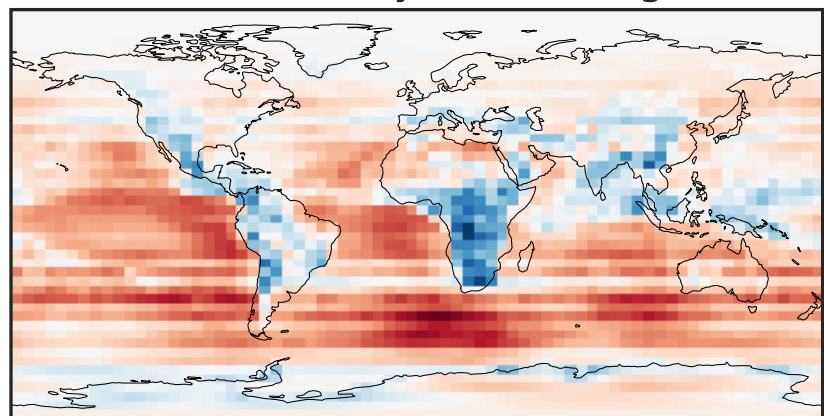
1.5 3.0
s-1 1e-7

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



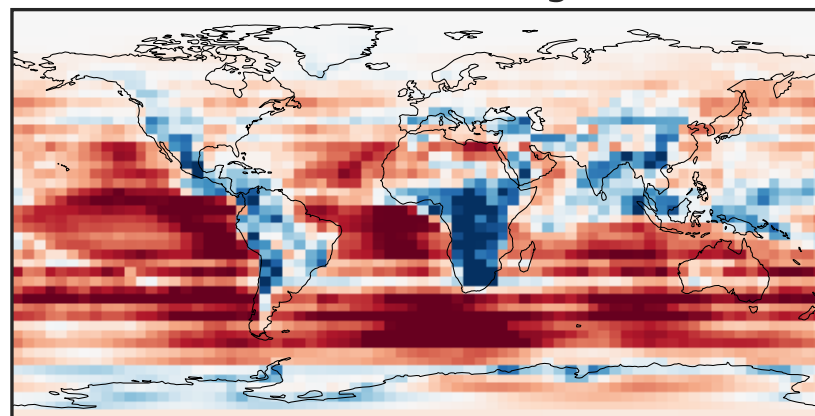
1.5 3.0
s-1 1e-7

Difference
Dev - Ref, Dynamic Range



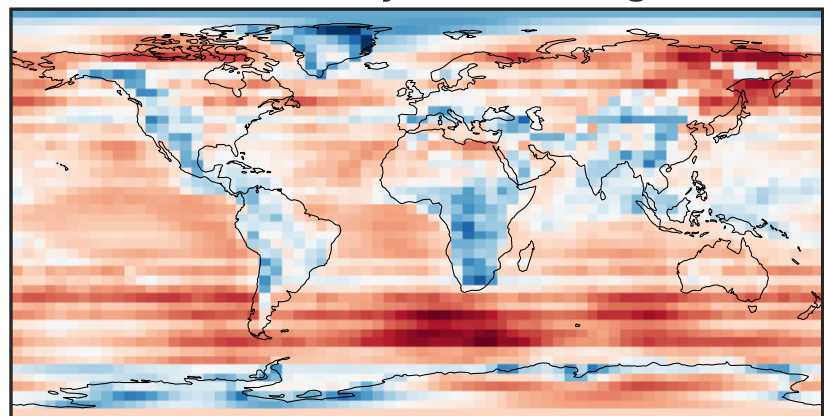
-1 0 1
s-1 1e-8

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



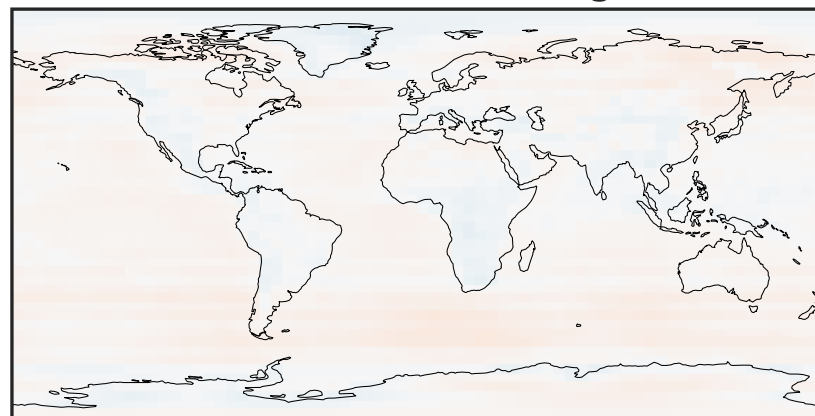
-6 0 6
s-1 1e-9

Ratio
Dev/Ref, Dynamic Range



0.9314 0.9657 1.0000 1.0368 1.0737
unitless

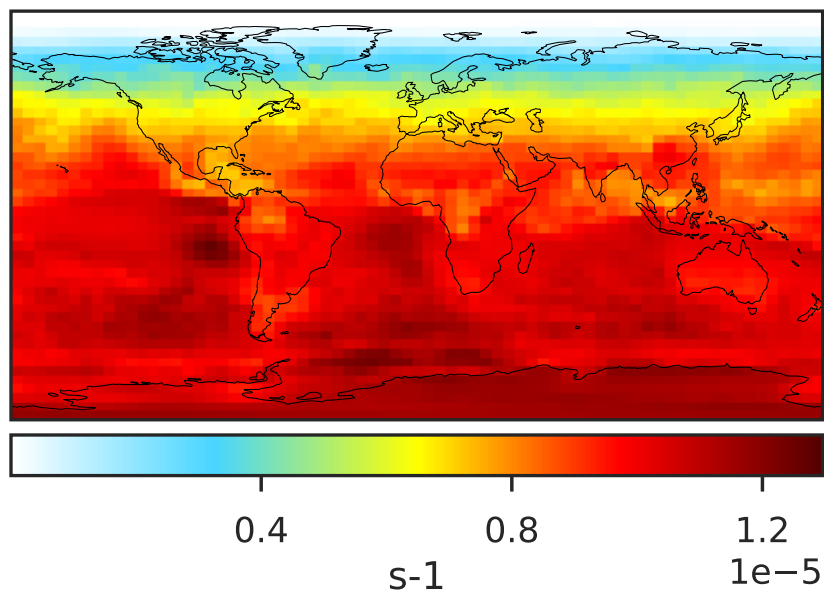
Ratio
Dev/Ref, Fixed Range



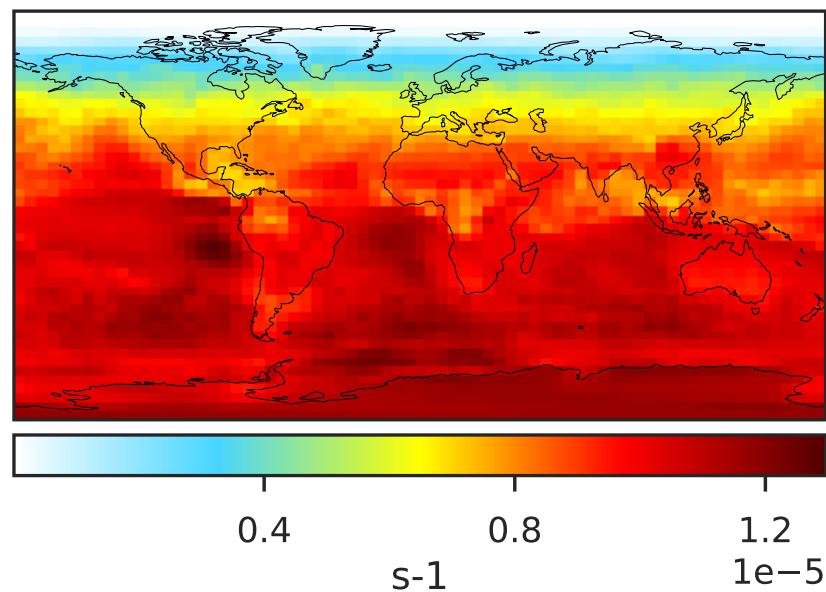
0.50 0.75 1.00 1.50 2.00
unitless

Jval_HNO4 (Oct2019)

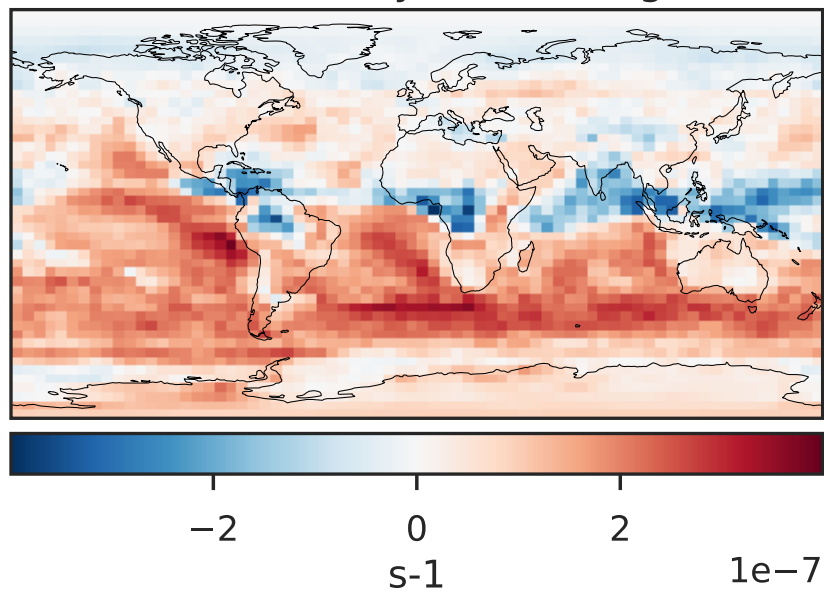
14.2.0-rc.2 (Ref)
4.0x5.0



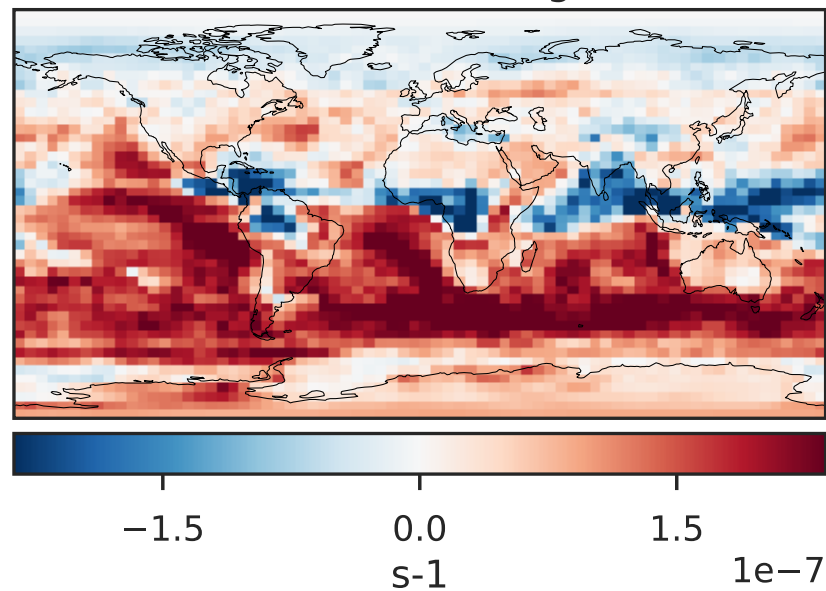
14.3.0-rc.0 (Dev)
4.0x5.0



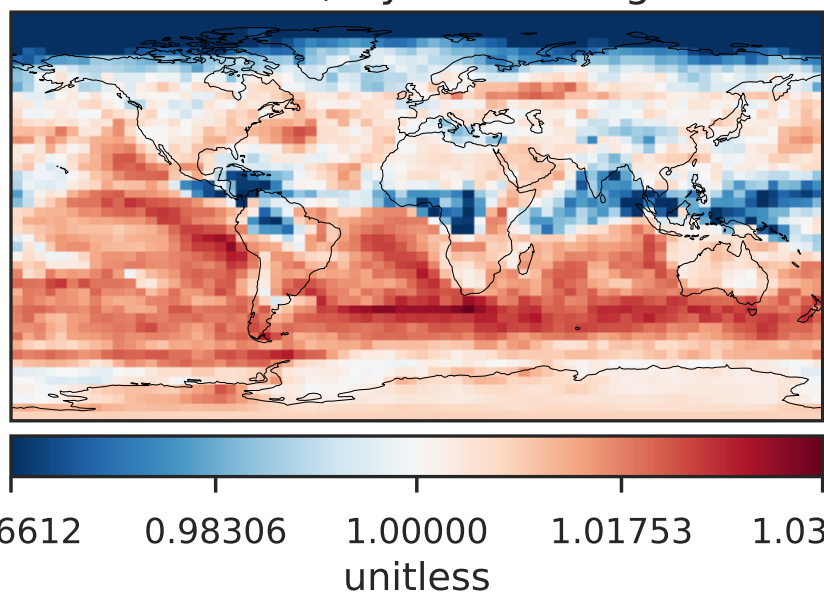
Difference
Dev - Ref, Dynamic Range



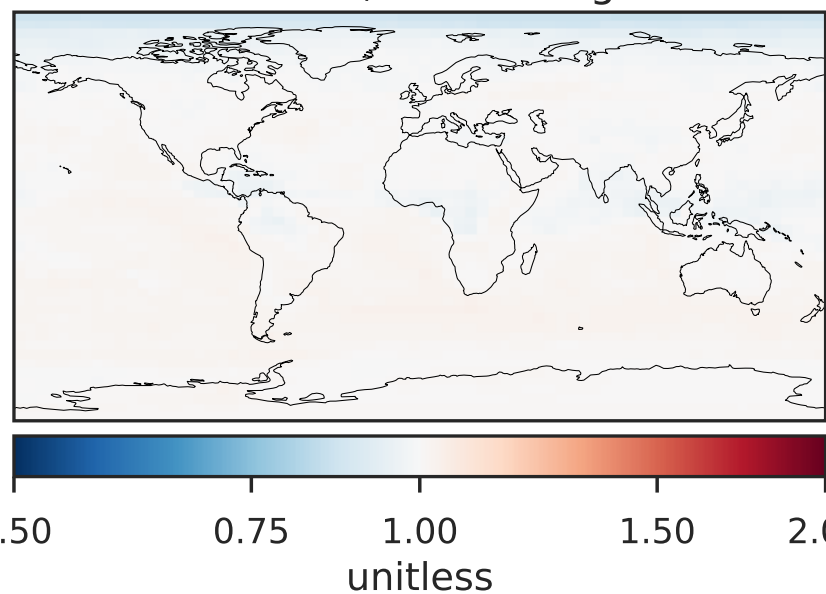
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

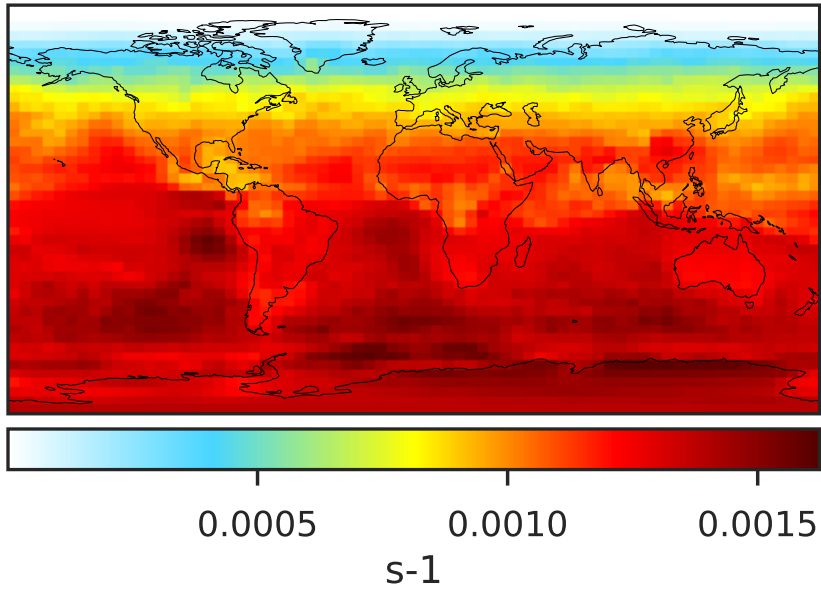


Ratio
Dev/Ref, Fixed Range

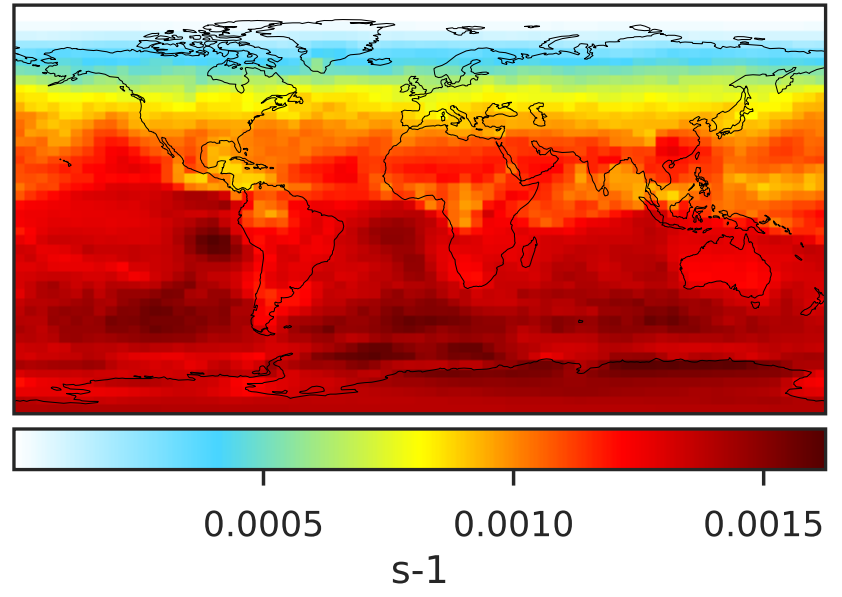


Jval_HOBr (Oct2019)

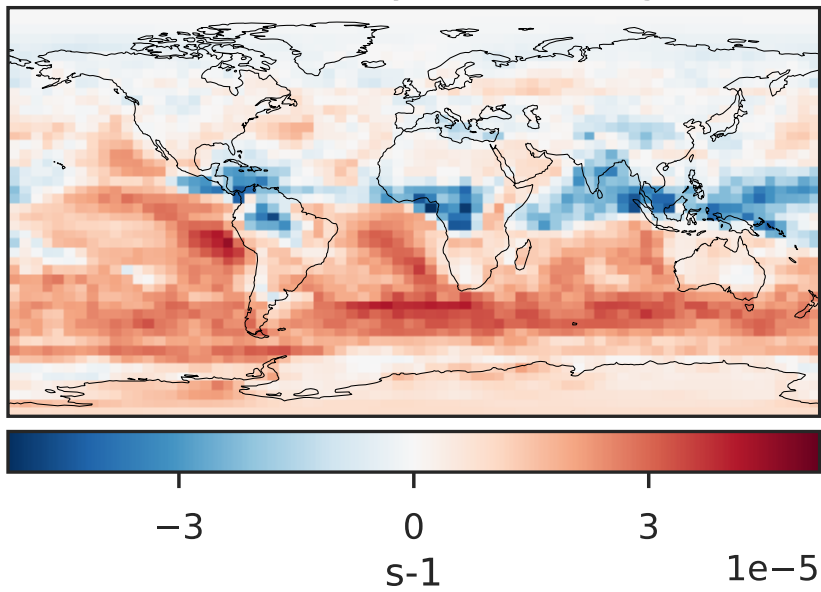
14.2.0-rc.2 (Ref)
4.0x5.0



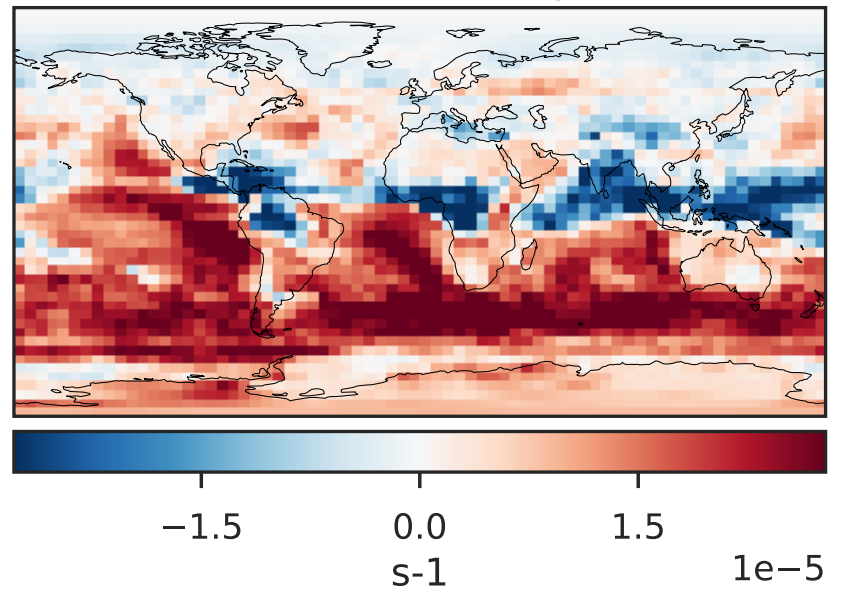
14.3.0-rc.0 (Dev)
4.0x5.0



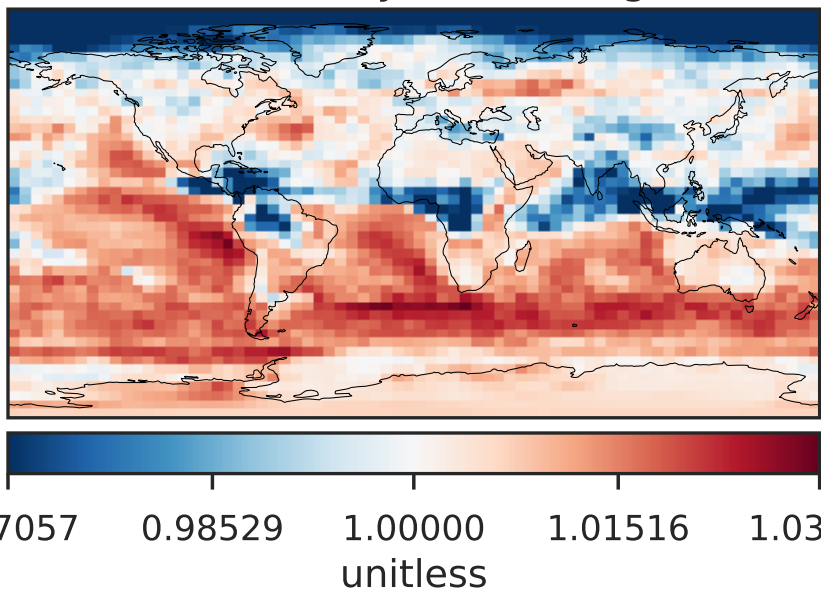
Difference
Dev - Ref, Dynamic Range



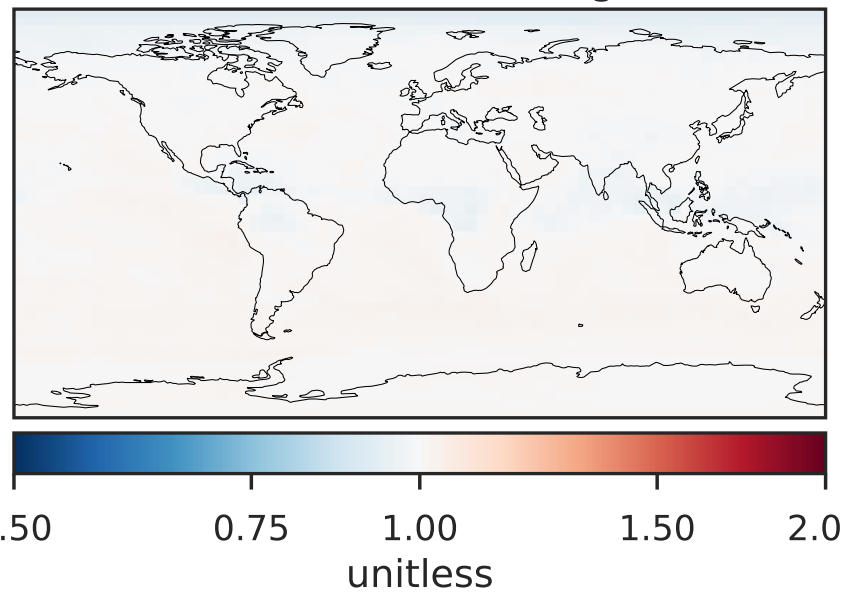
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

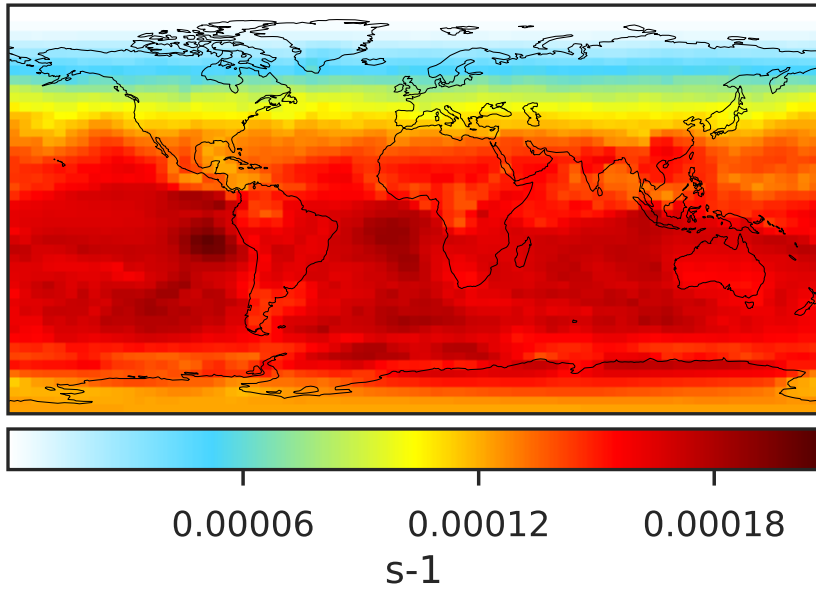


Ratio
Dev/Ref, Fixed Range

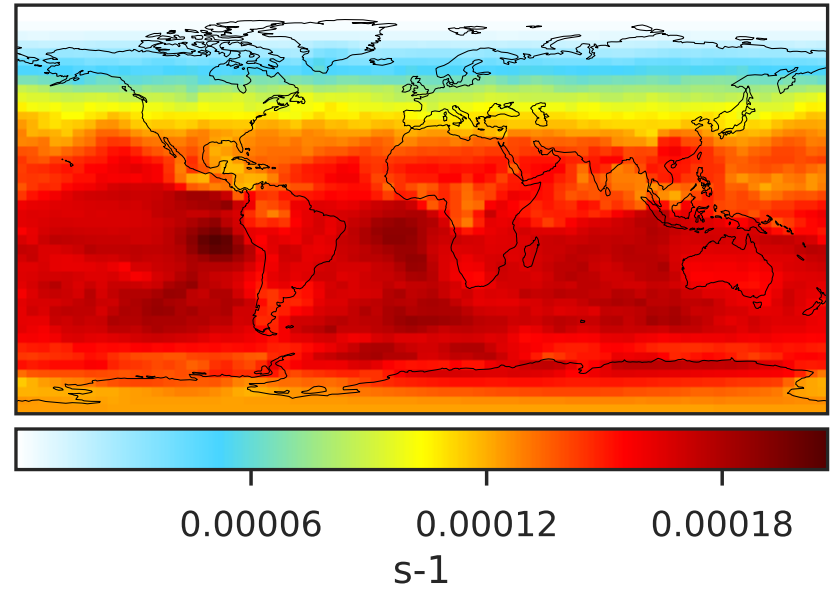


Jval_HOCl (Oct2019)

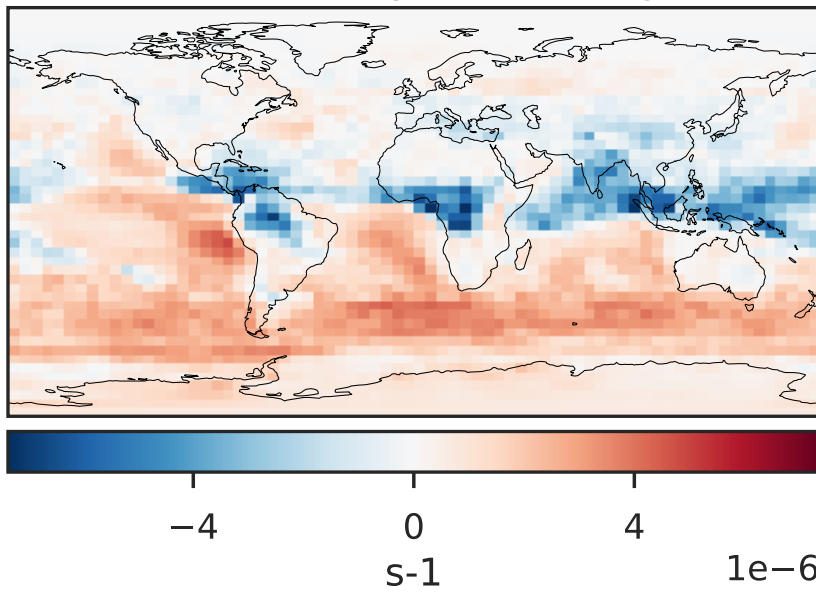
14.2.0-rc.2 (Ref)
4.0x5.0



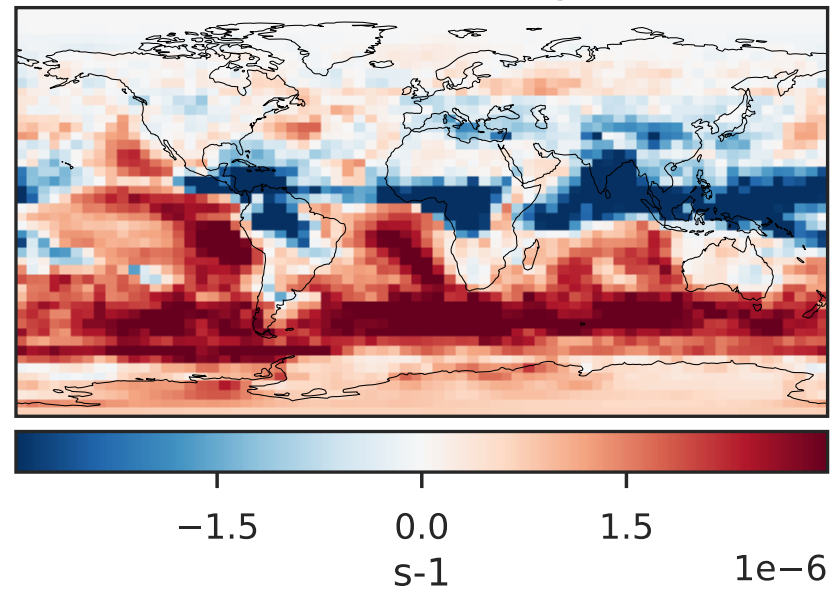
14.3.0-rc.0 (Dev)
4.0x5.0



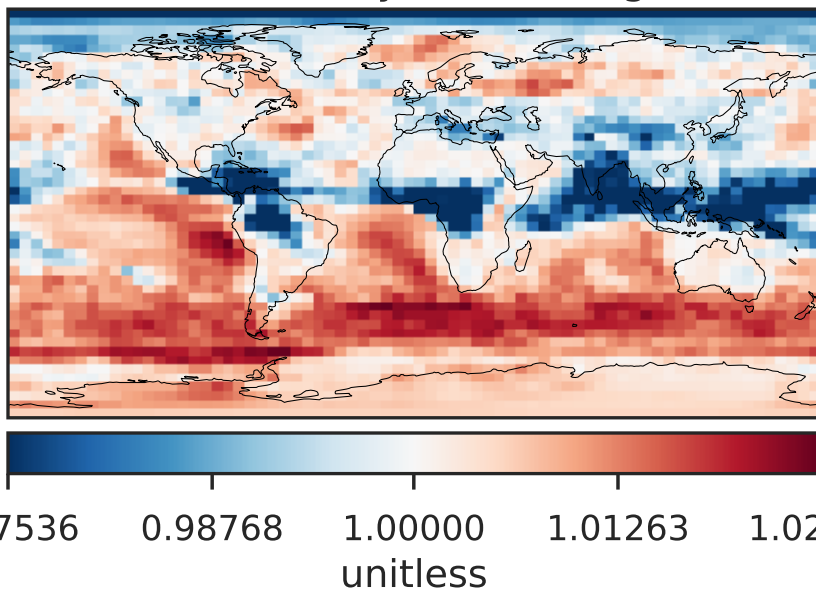
Difference
Dev - Ref, Dynamic Range



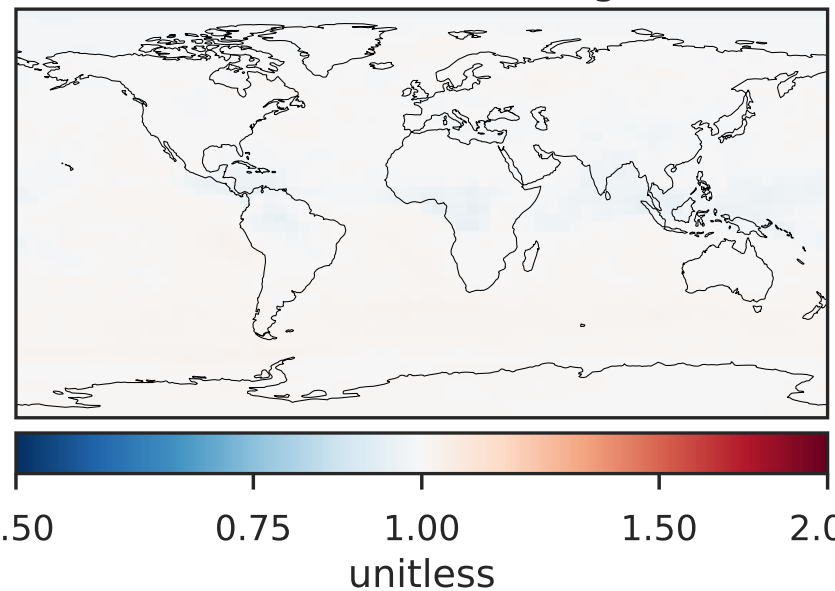
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

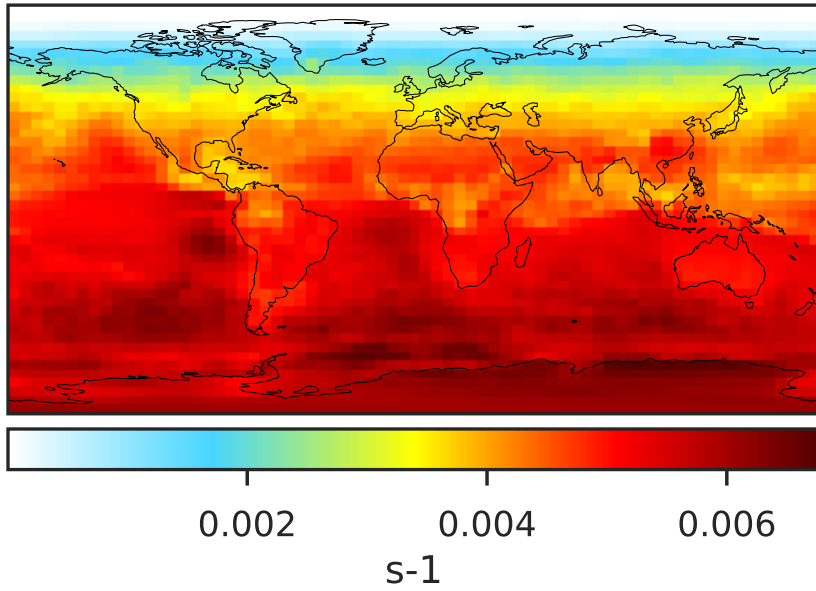


Ratio
Dev/Ref, Fixed Range

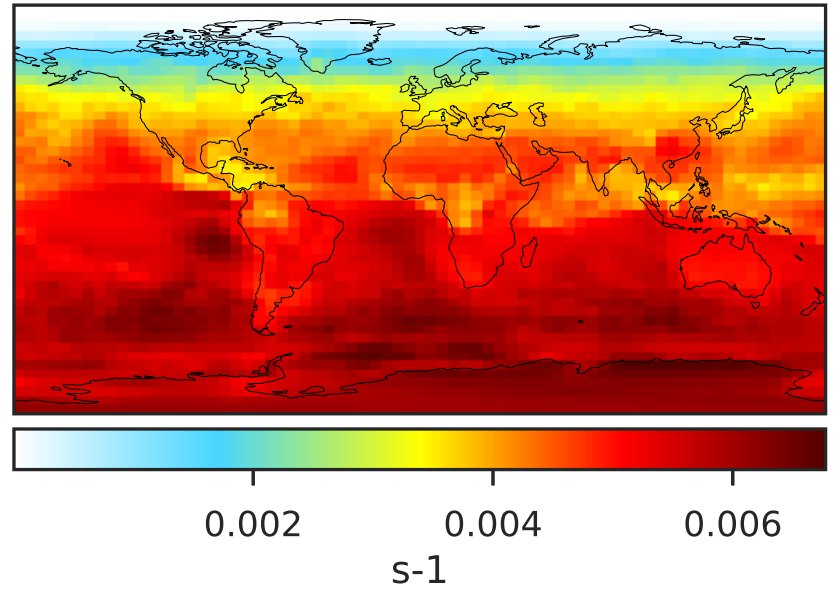


Jval_HOI (Oct2019)

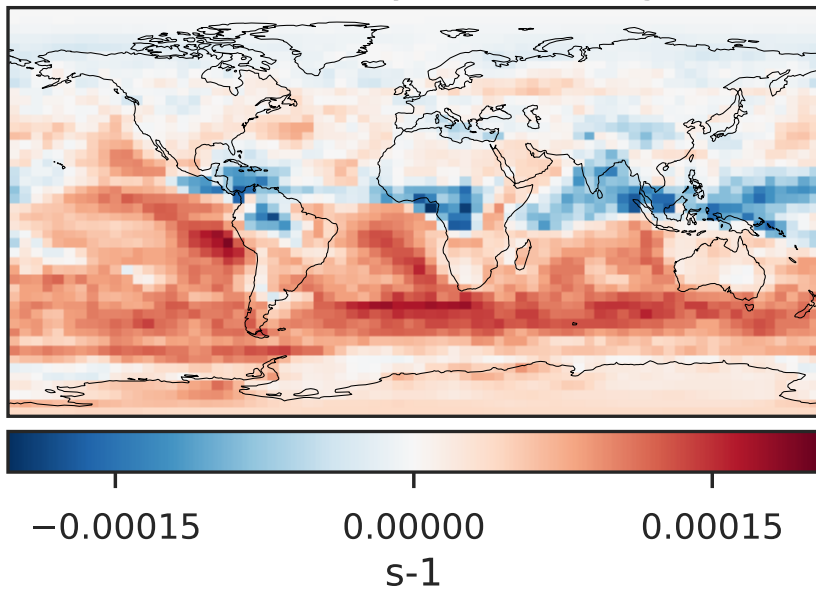
14.2.0-rc.2 (Ref)
4.0x5.0



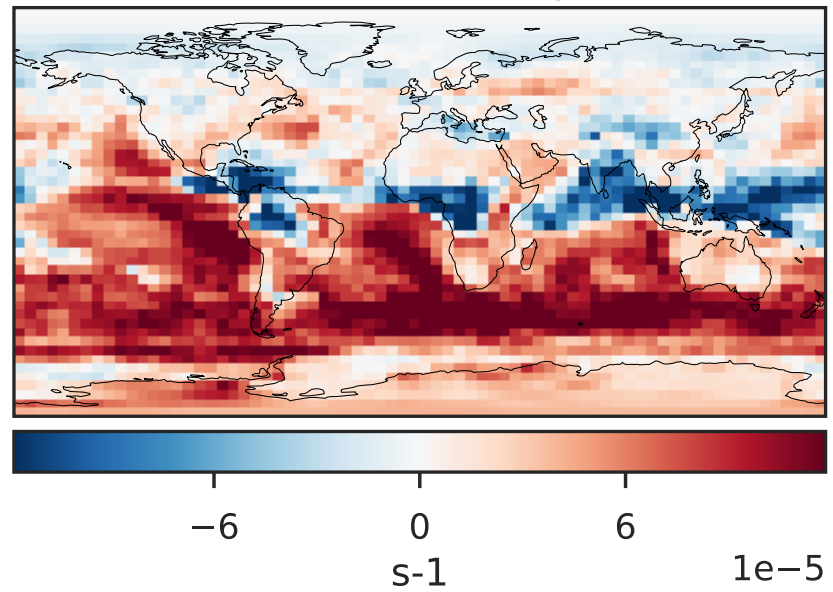
14.3.0-rc.0 (Dev)
4.0x5.0



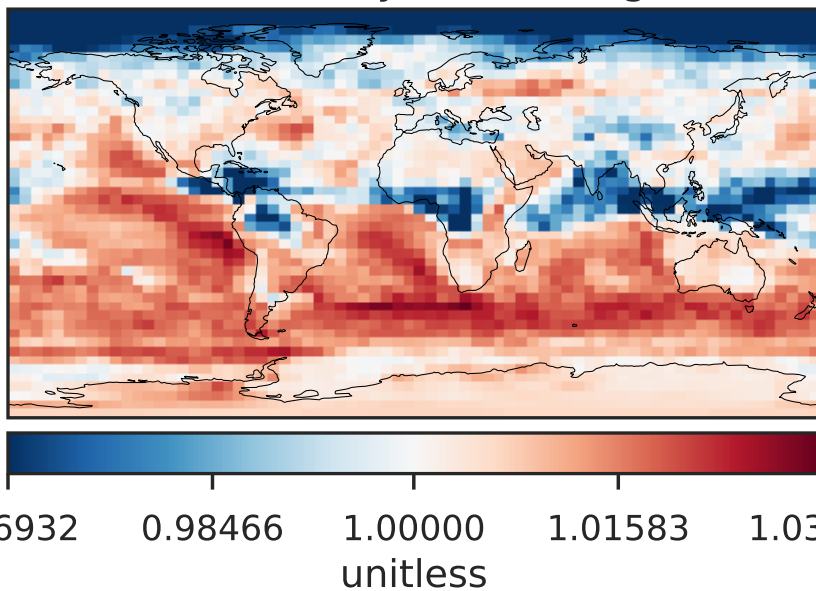
Difference
Dev - Ref, Dynamic Range



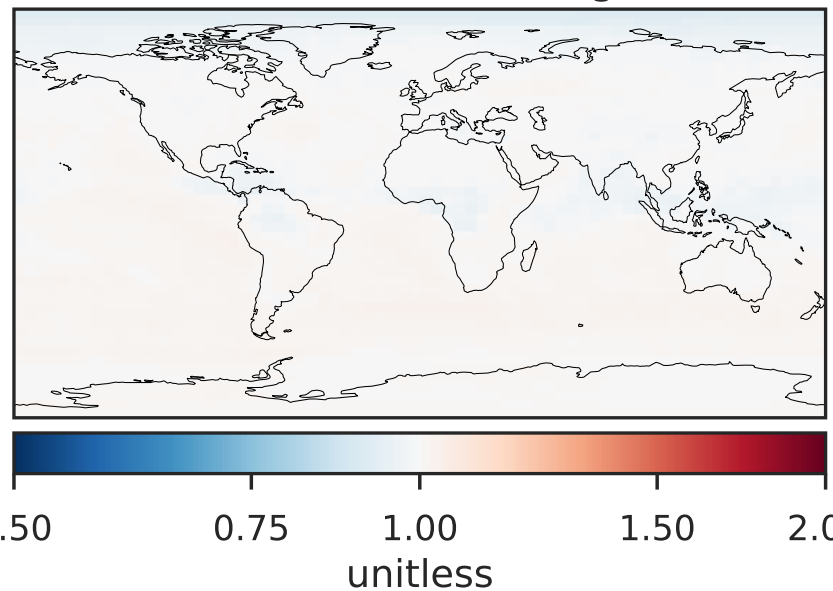
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

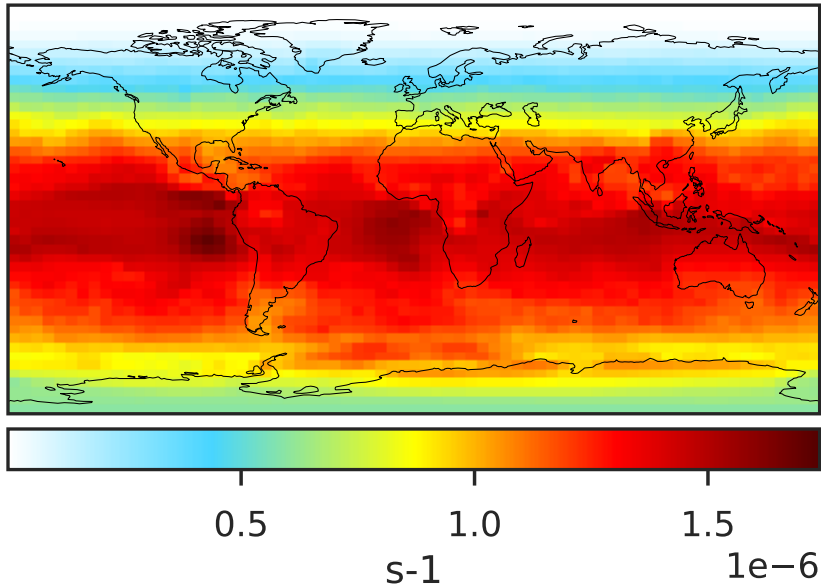


Ratio
Dev/Ref, Fixed Range

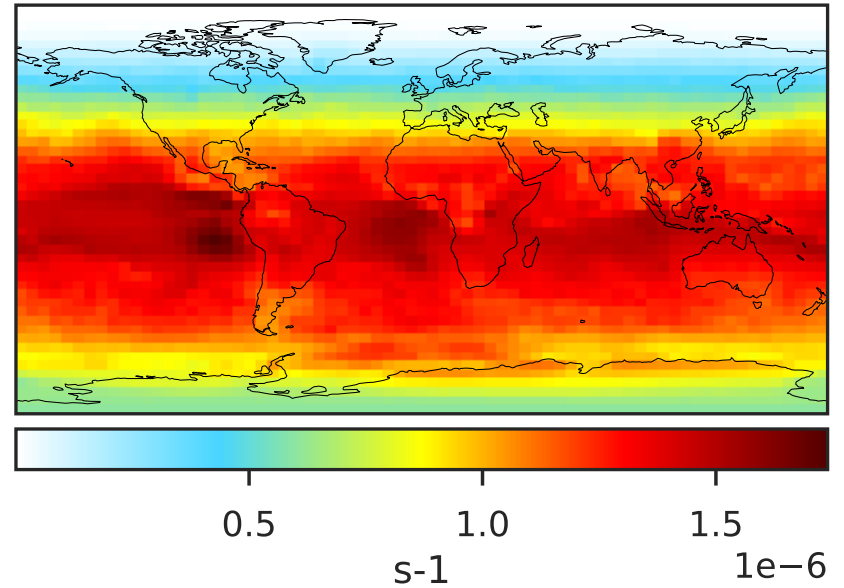


Jval_HONIT (Oct2019)

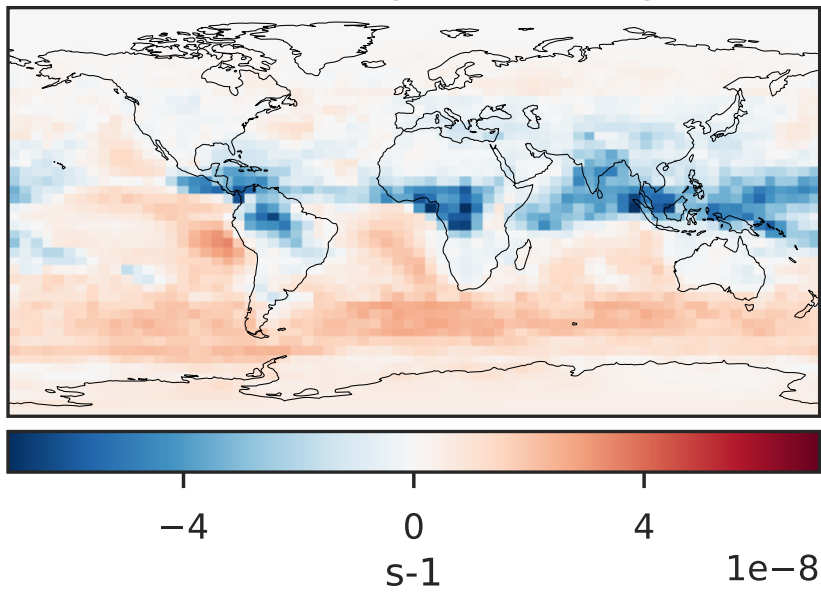
14.2.0-rc.2 (Ref)
4.0x5.0



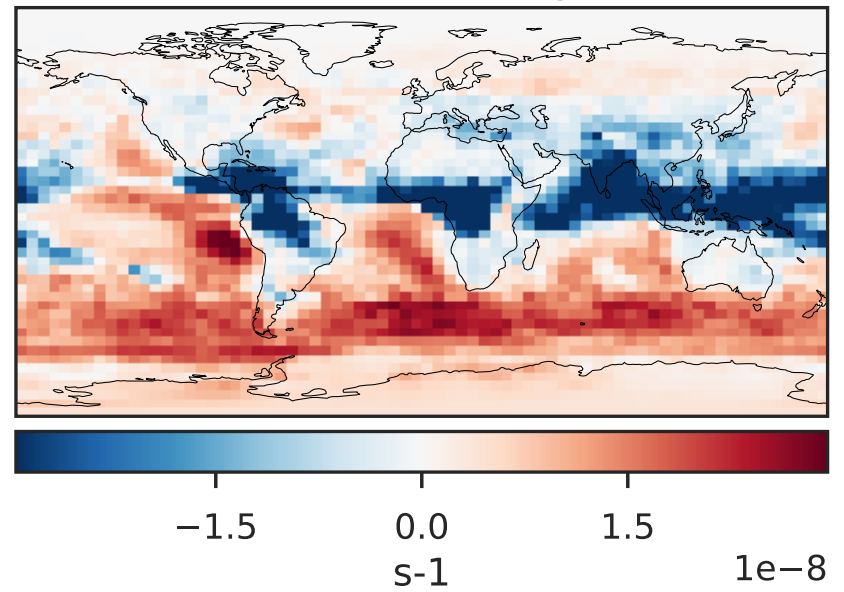
14.3.0-rc.0 (Dev)
4.0x5.0



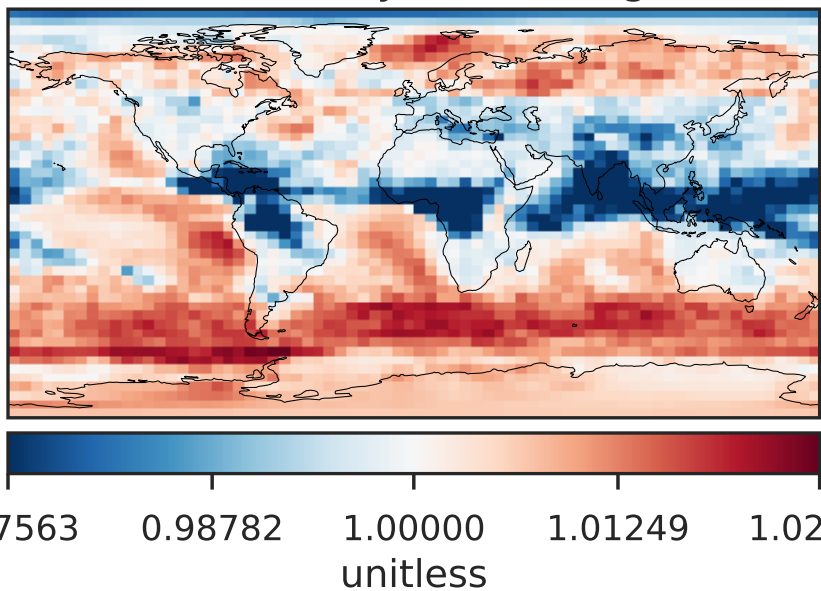
Difference
Dev - Ref, Dynamic Range



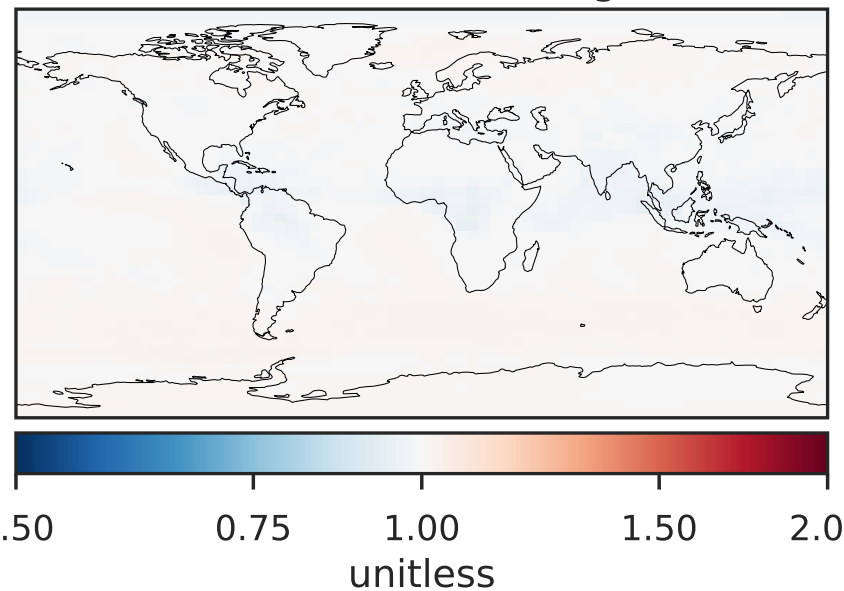
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

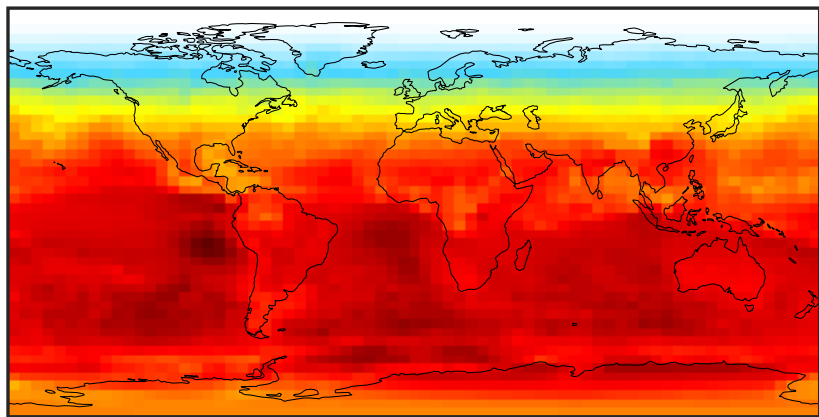


Ratio
Dev/Ref, Fixed Range



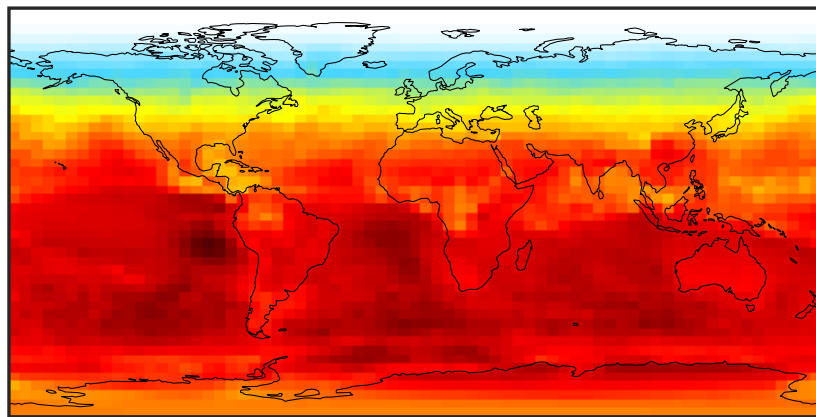
Jval_HPALD1 (Oct2019)

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



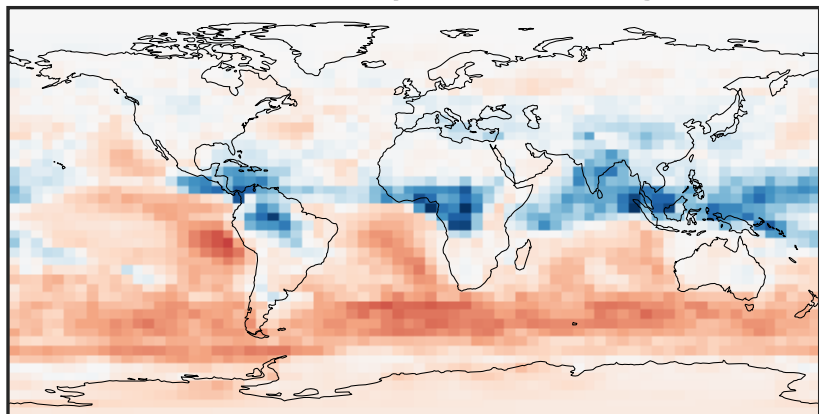
0.00006 0.00012 0.00018
s-1

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



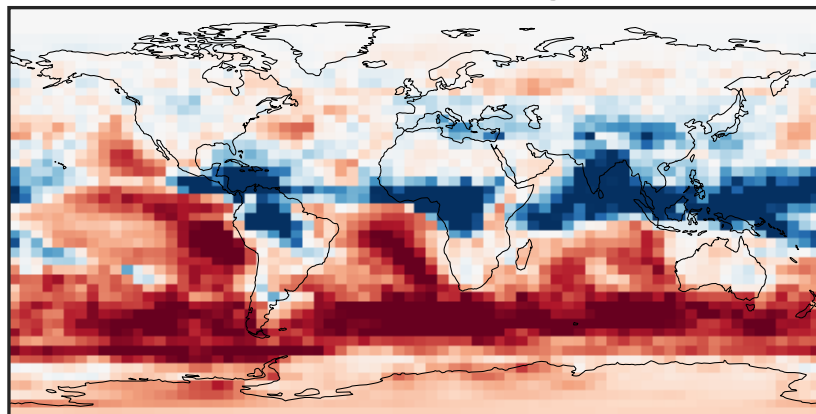
0.00006 0.00012 0.00018
s-1

Difference
Dev - Ref, Dynamic Range



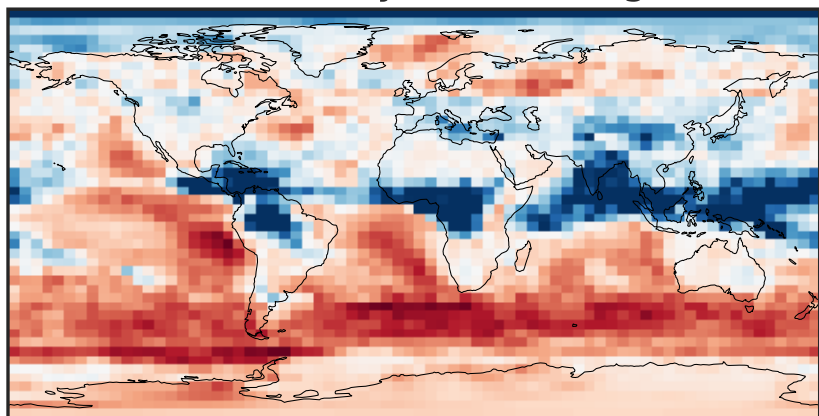
-4 0 4
s-1 1e-6

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



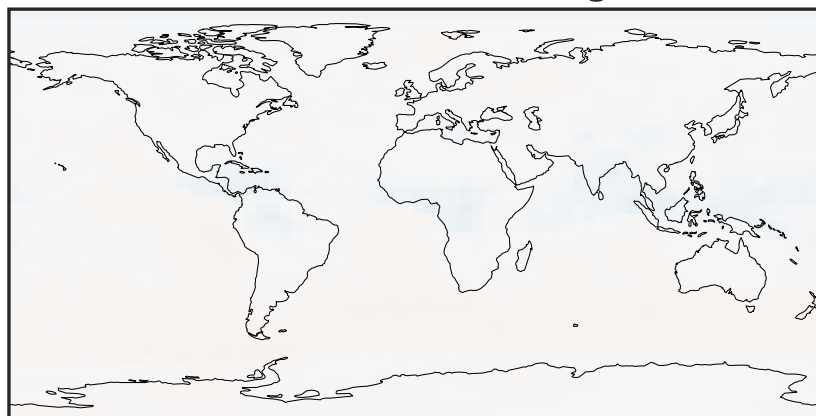
-2 0 2
s-1 1e-6

Ratio
Dev/Ref, Dynamic Range



0.97511 0.98756 1.00000 1.01276 1.02552
unitless

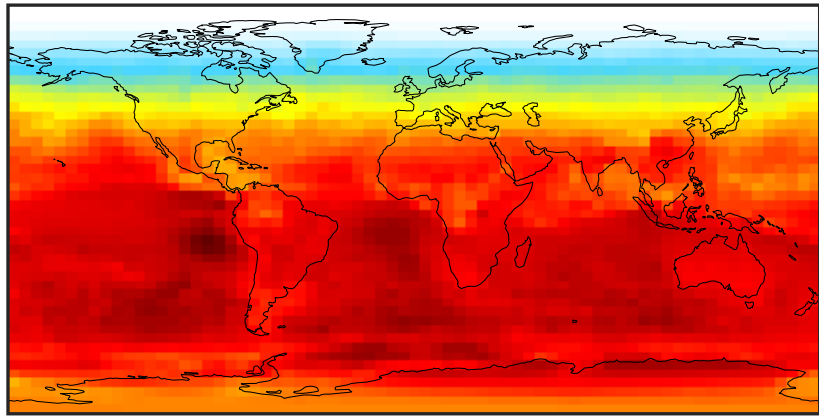
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

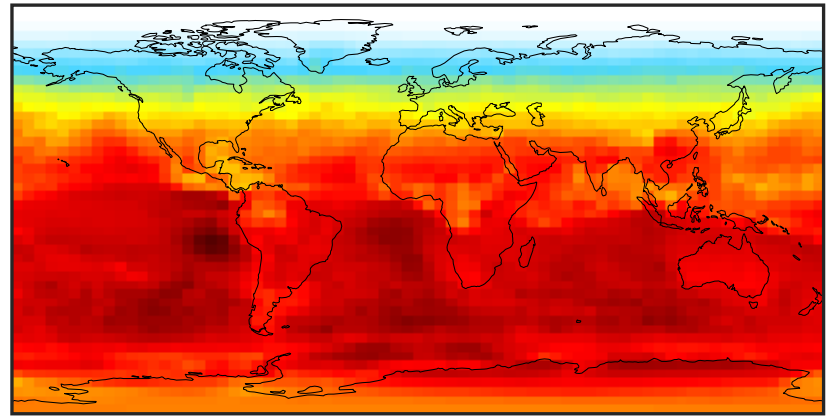
Jval_HPALD2 (Oct2019)

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



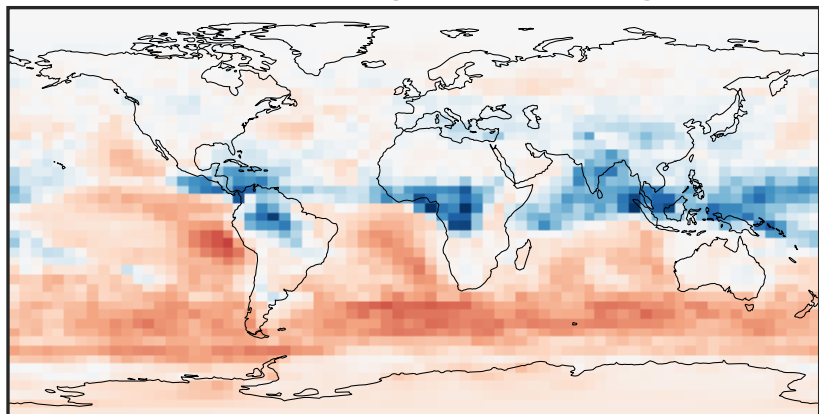
0.00006 0.00012 0.00018
s-1

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



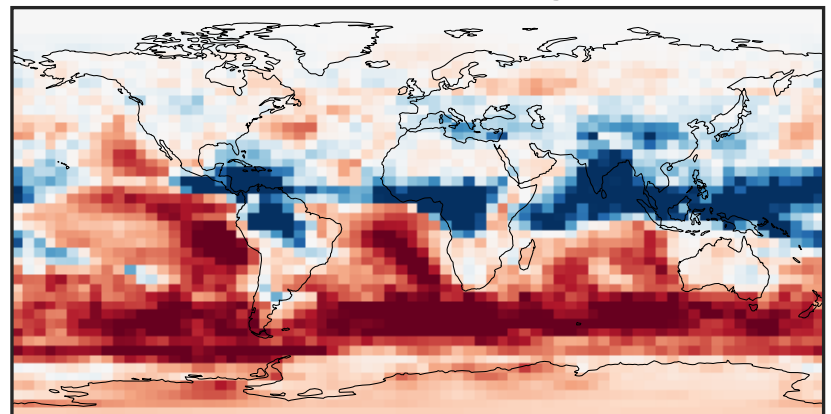
0.00006 0.00012 0.00018
s-1

Difference
Dev - Ref, Dynamic Range



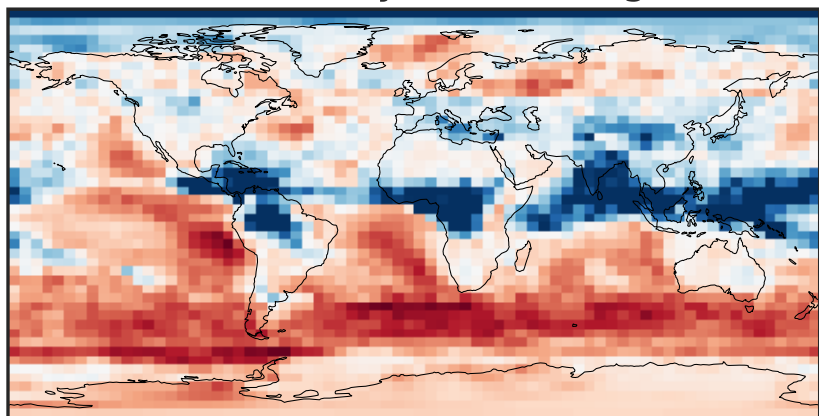
-4 0 4
s-1 1e-6

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



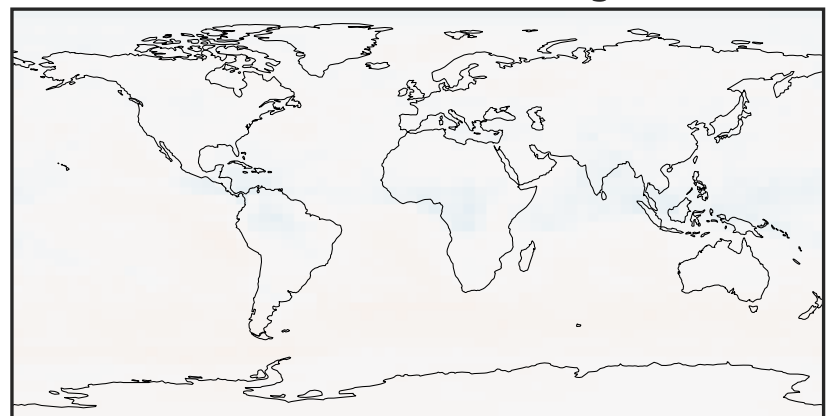
-2 0 2
s-1 1e-6

Ratio
Dev/Ref, Dynamic Range



0.97511 0.98756 1.00000 1.01276 1.02552
unitless

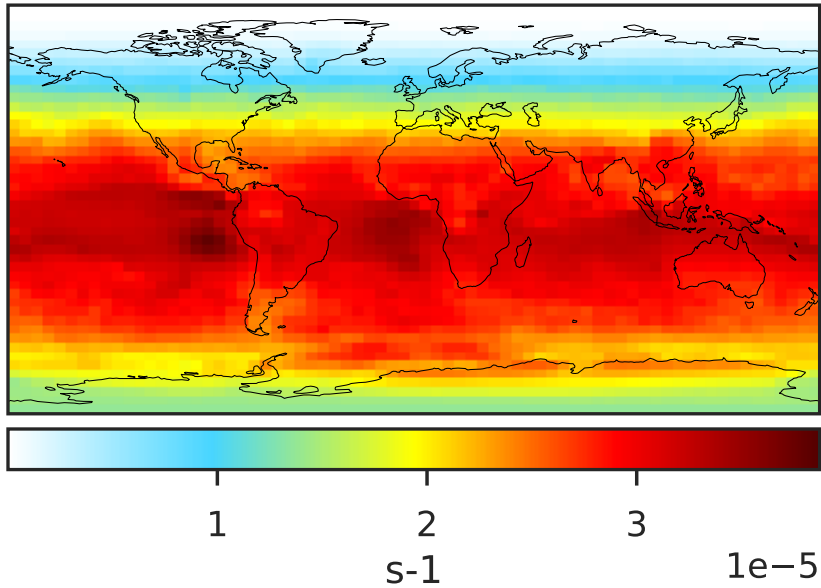
Ratio
Dev/Ref, Fixed Range



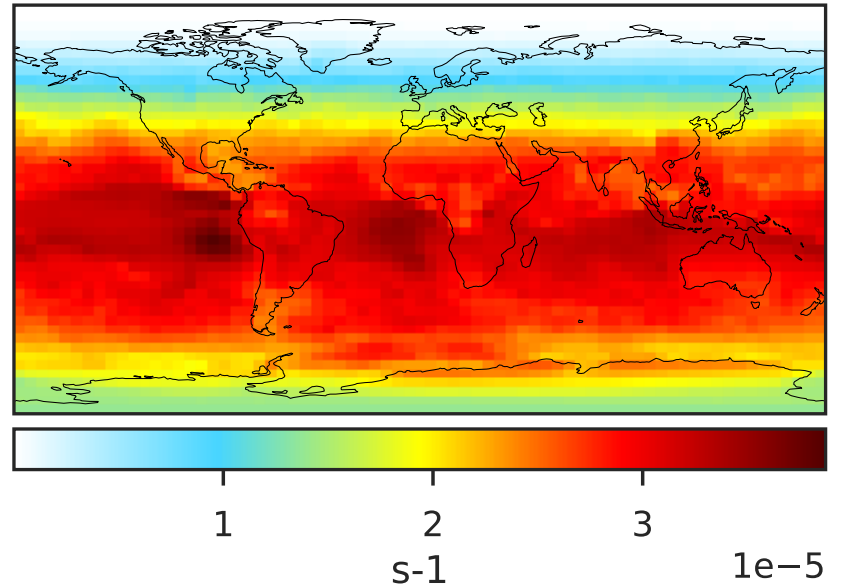
0.50 0.75 1.00 1.50 2.00
unitless

Jval_HPALD3 (Oct2019)

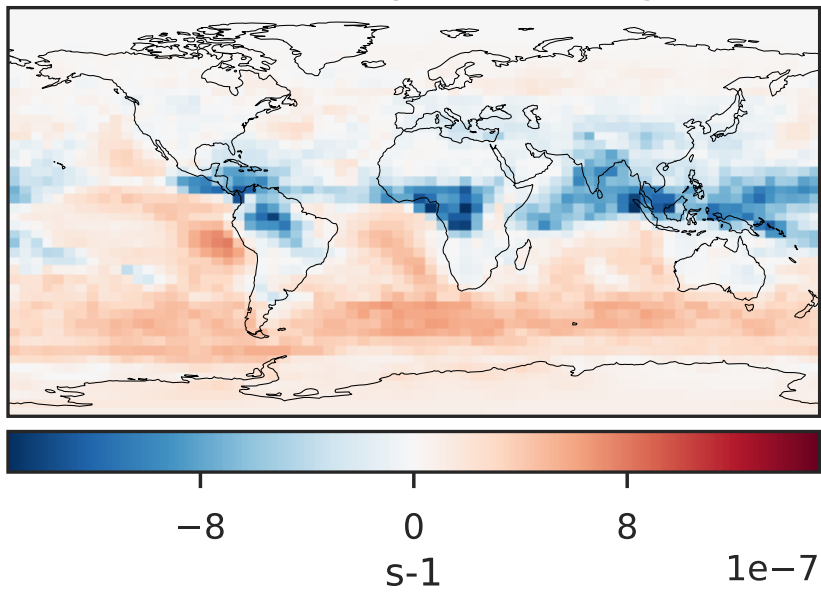
14.2.0-rc.2 (Ref)
4.0x5.0



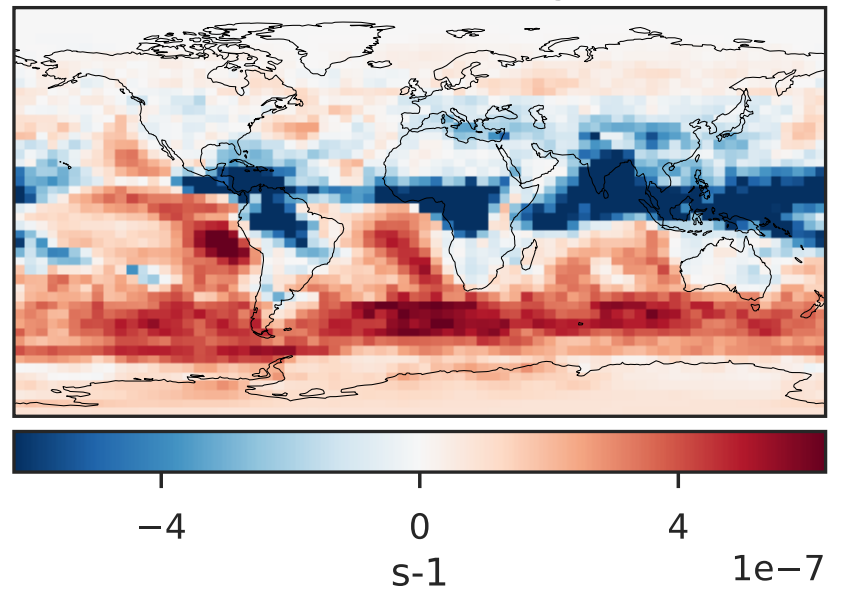
14.3.0-rc.0 (Dev)
4.0x5.0



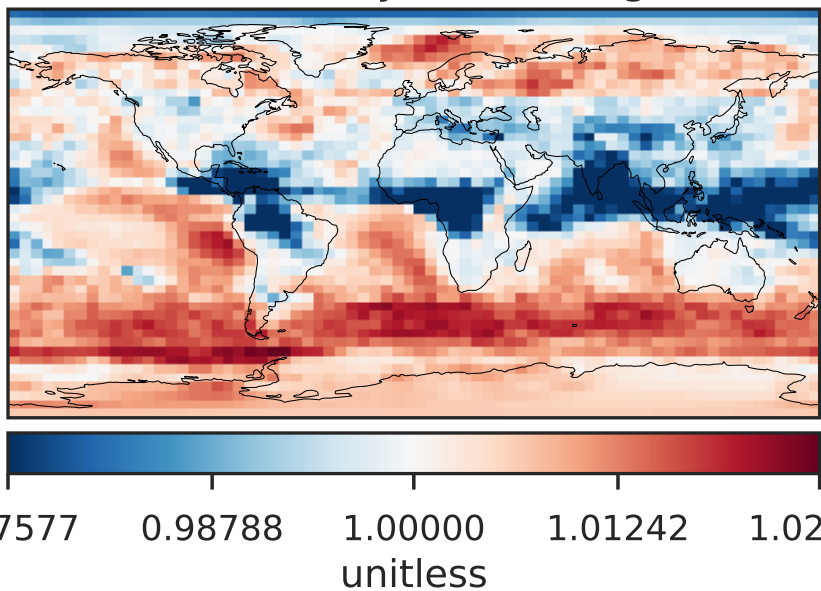
Difference
Dev - Ref, Dynamic Range



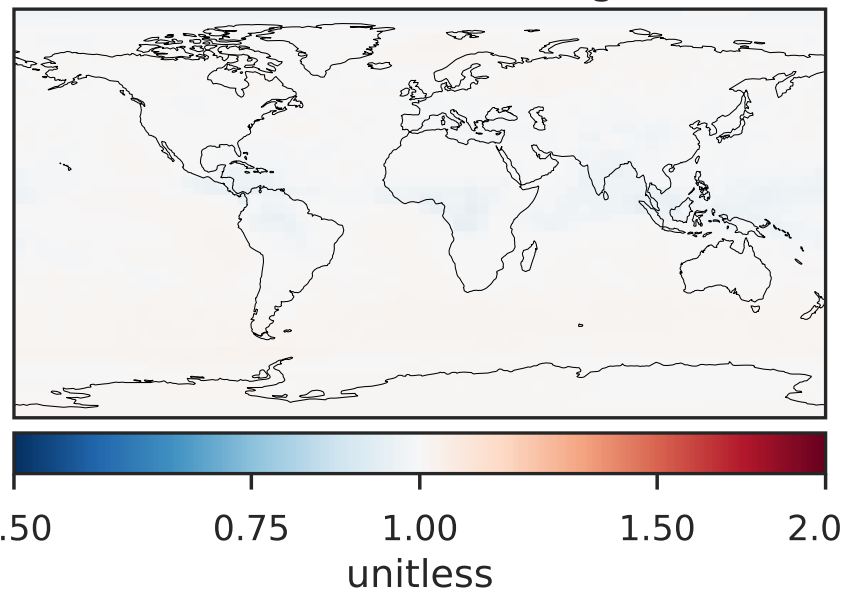
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

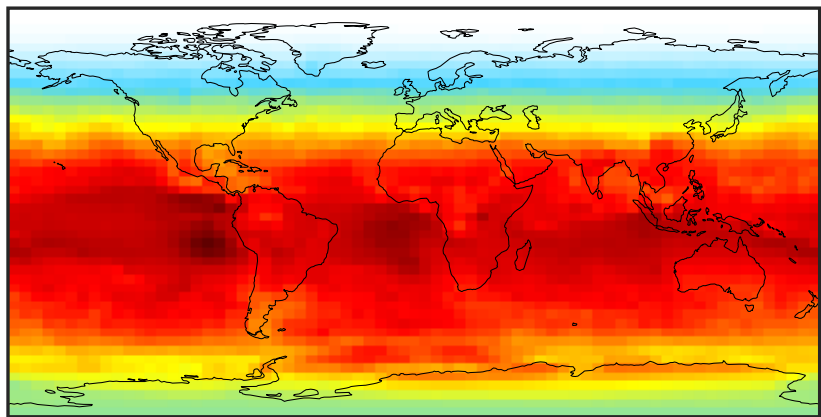


Ratio
Dev/Ref, Fixed Range



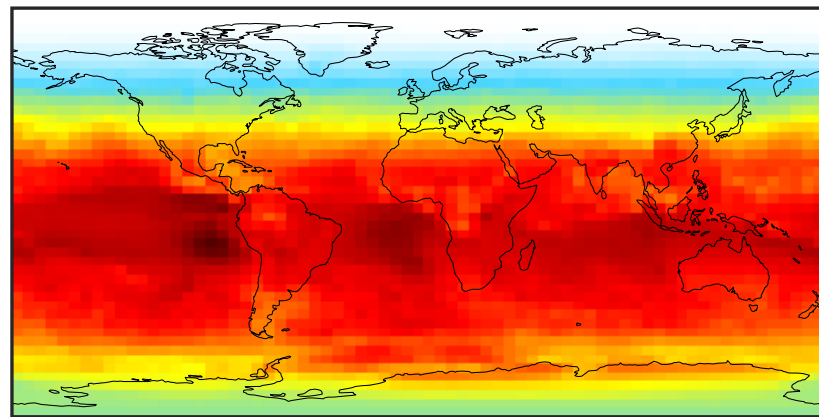
Jval_HPALD4 (Oct2019)

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



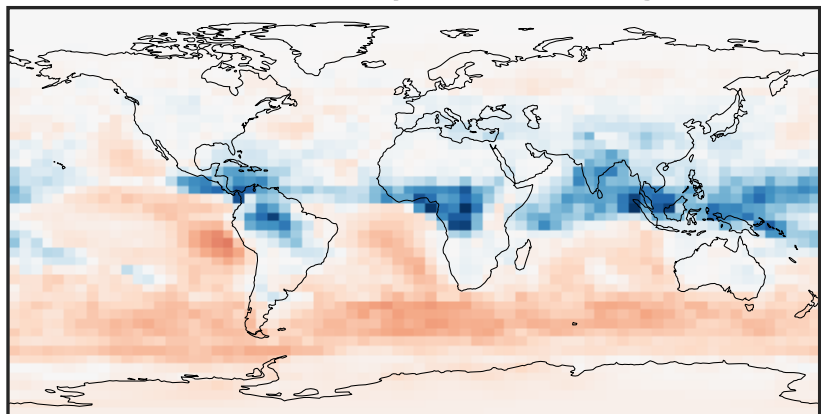
1 2 3
s-1 $1e-5$

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



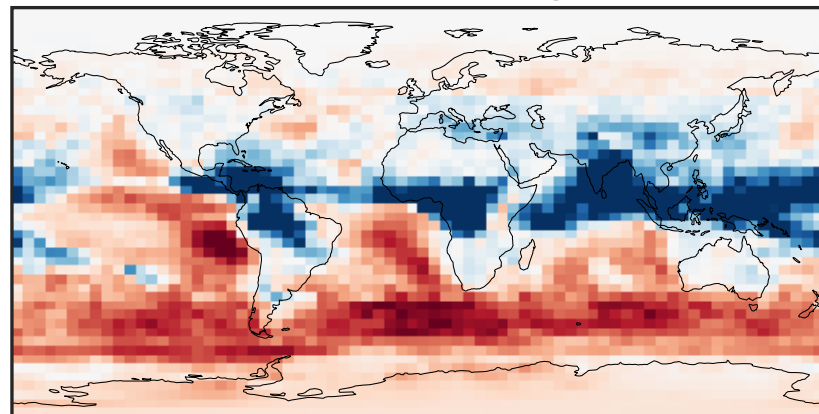
1 2 3
s-1 $1e-5$

Difference
Dev - Ref, Dynamic Range



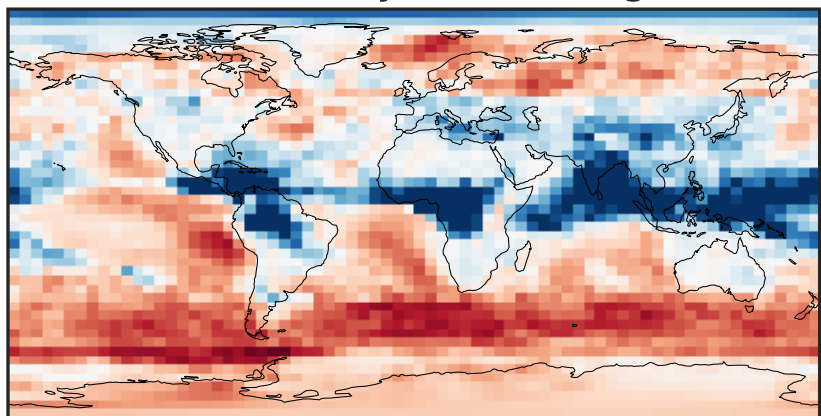
-8 0 8
s-1 $1e-7$

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



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

Ratio
Dev/Ref, Dynamic Range



0.97577 0.98788 1.00000 1.01242 1.02483
unitless

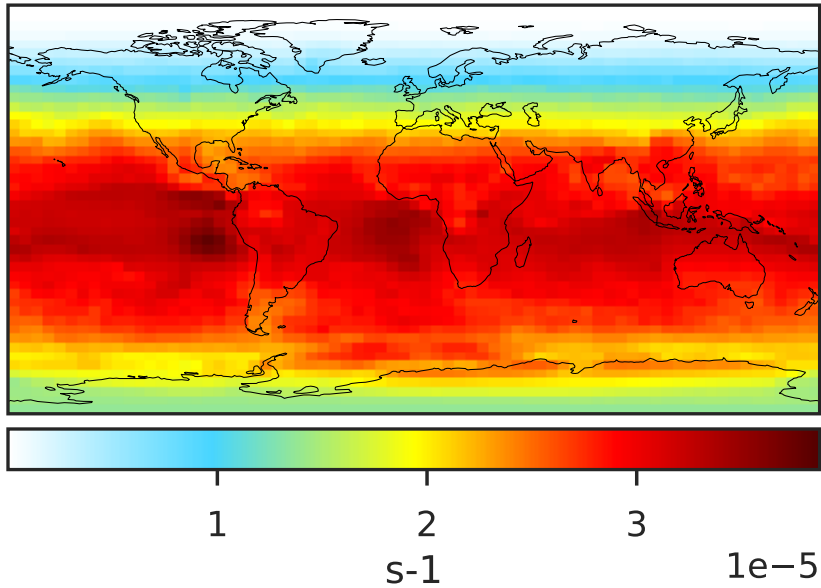
Ratio
Dev/Ref, Fixed Range



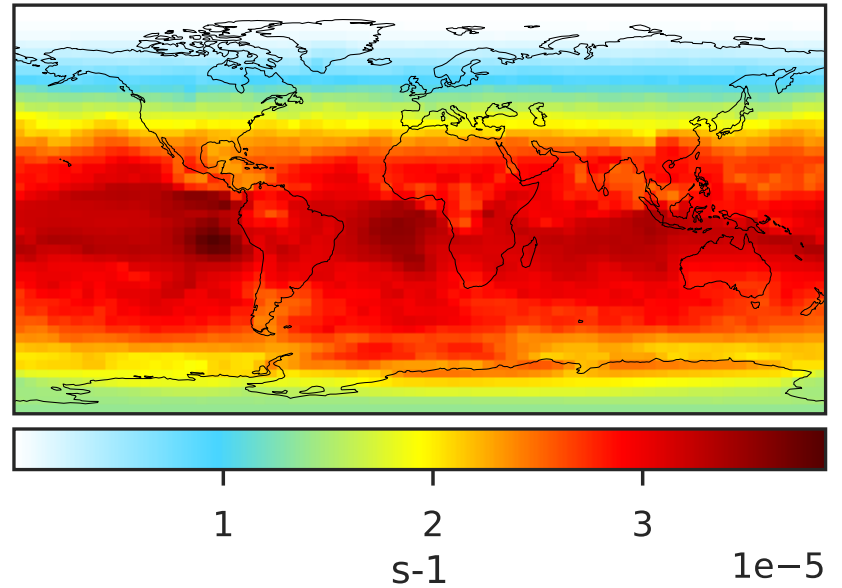
0.50 0.75 1.00 1.50 2.00
unitless

Jval_HPETHNL (Oct2019)

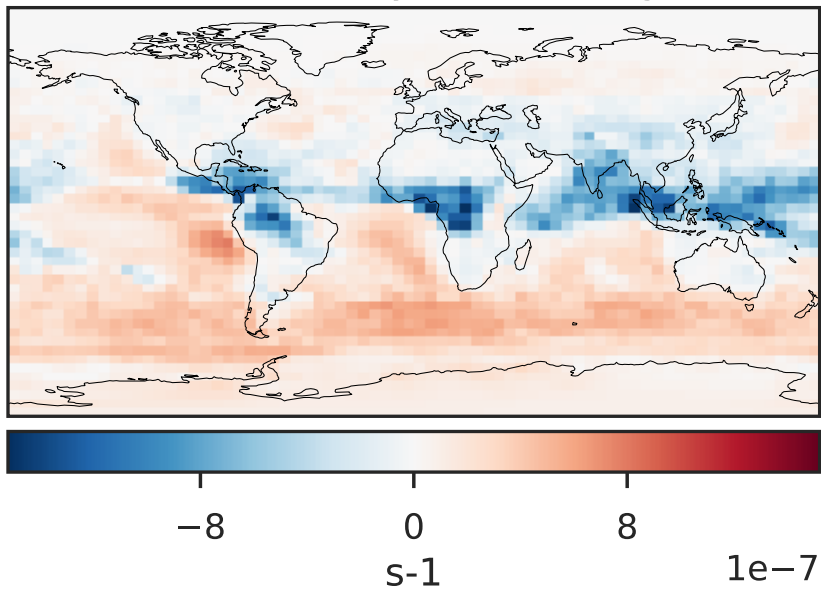
14.2.0-rc.2 (Ref)
4.0x5.0



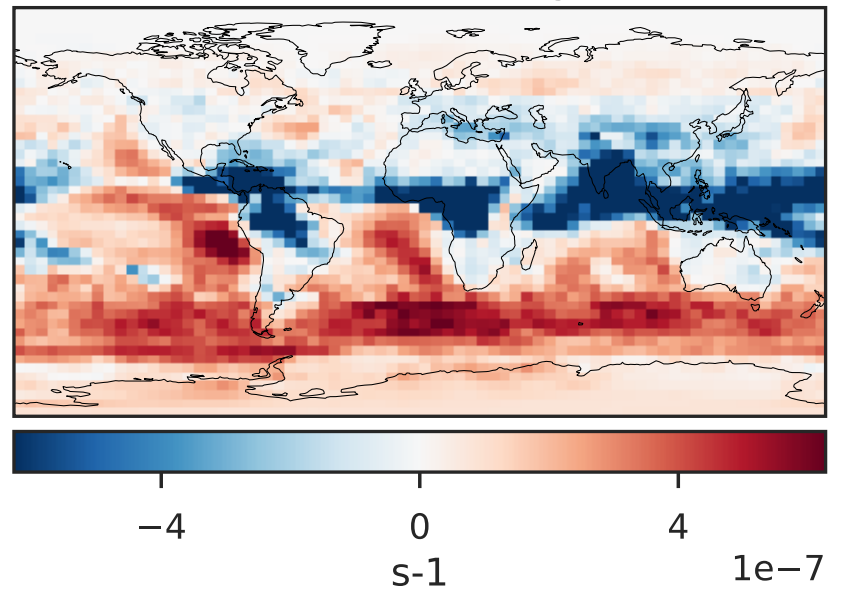
14.3.0-rc.0 (Dev)
4.0x5.0



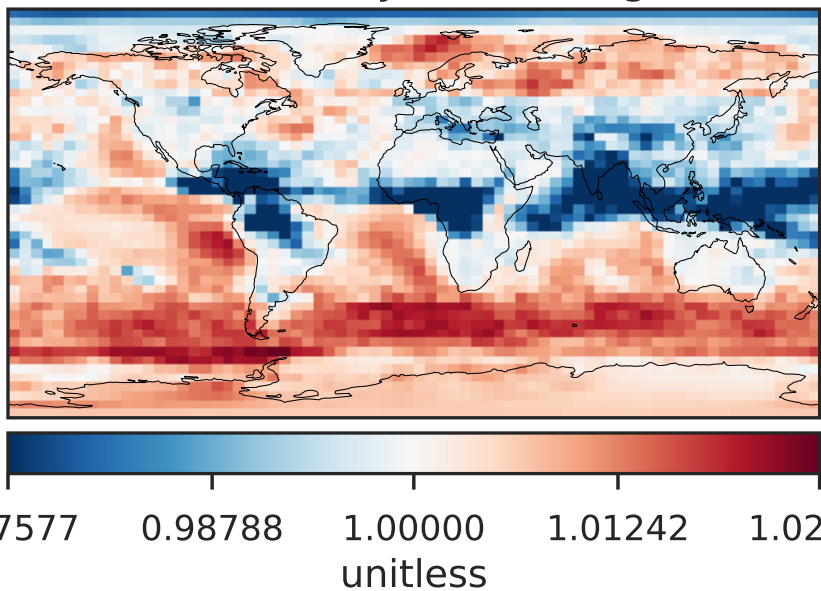
Difference
Dev - Ref, Dynamic Range



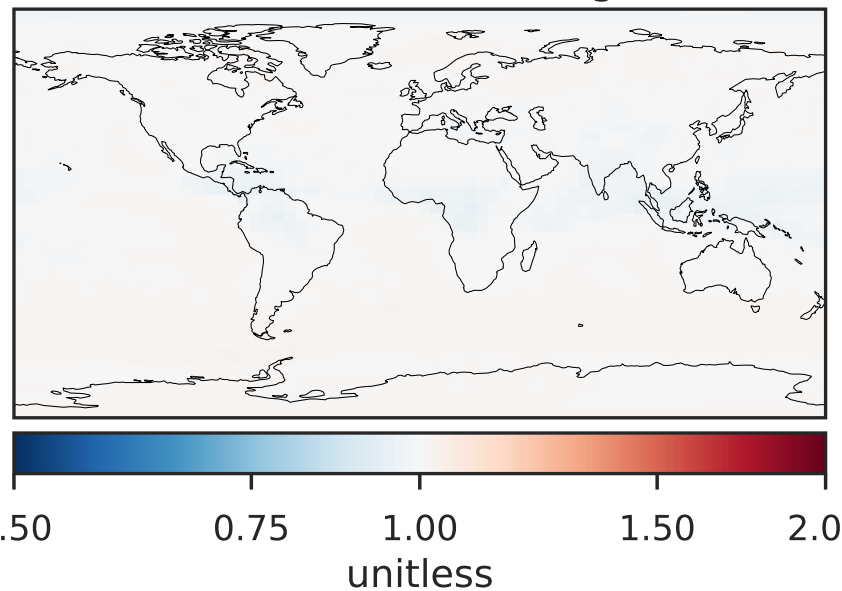
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

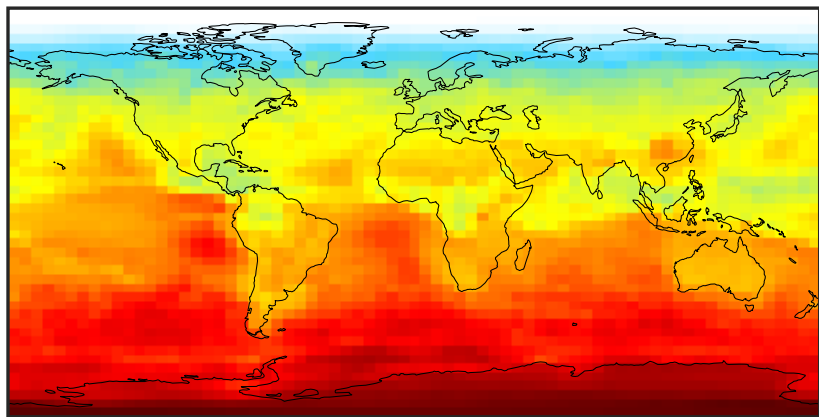


Ratio
Dev/Ref, Fixed Range



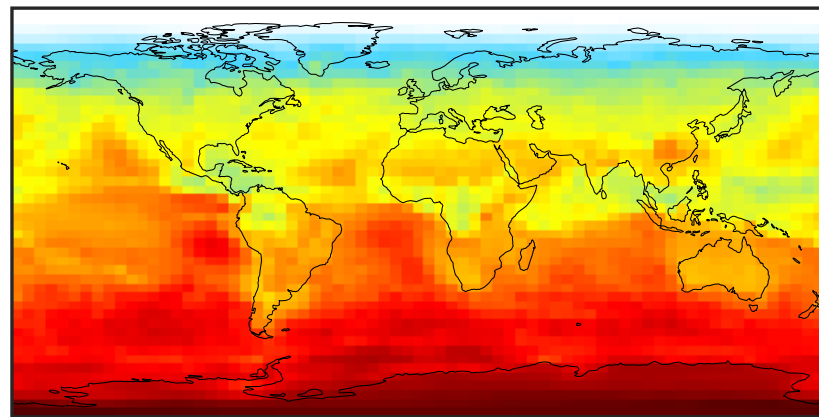
Jval_I2 (Oct2019)

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



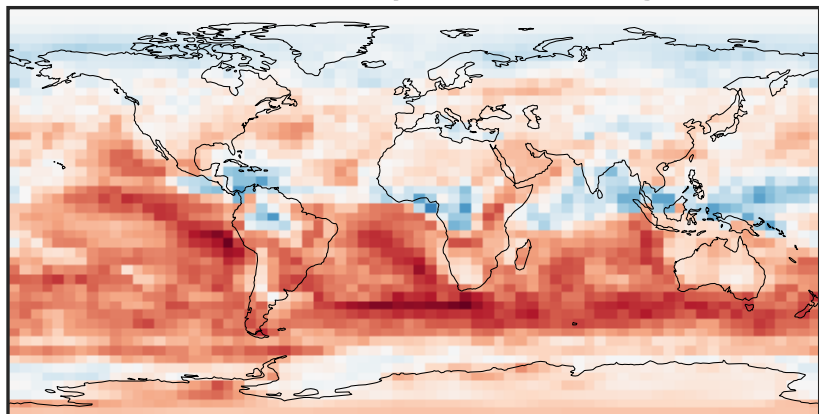
0.0001 0.0446 0.0890 0.1335 0.1780
s-1

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



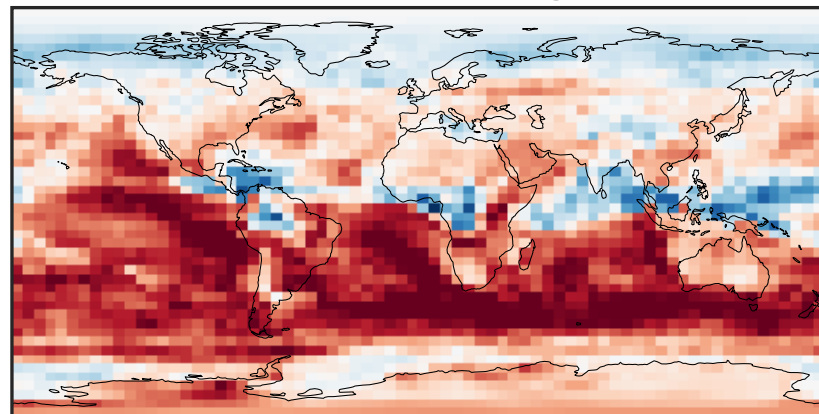
0.0001 0.0446 0.0890 0.1335 0.1780
s-1

Difference
Dev - Ref, Dynamic Range



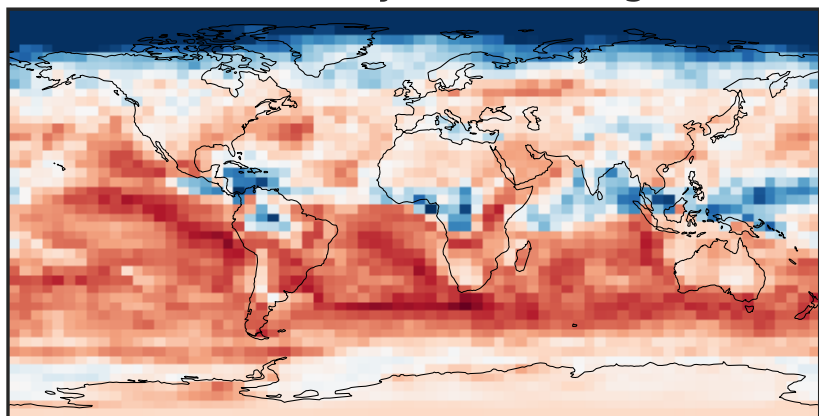
-0.003 0.000 0.003
s-1

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



-0.002 0.000 0.002
s-1

Ratio
Dev/Ref, Dynamic Range



0.95933 0.97966 1.00000 1.02120 1.04240
unitless

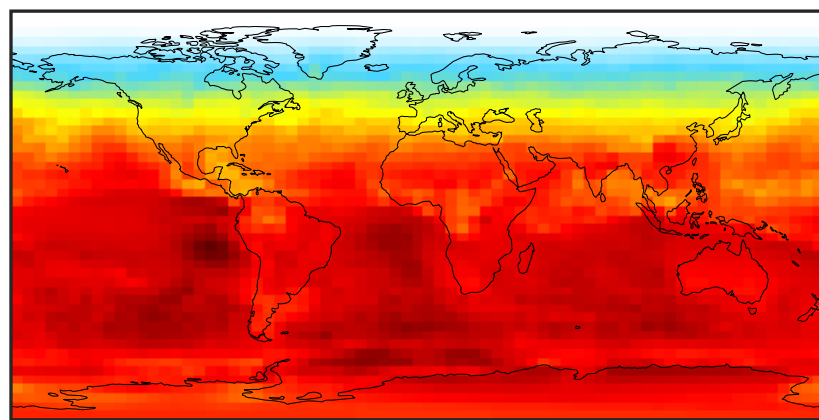
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

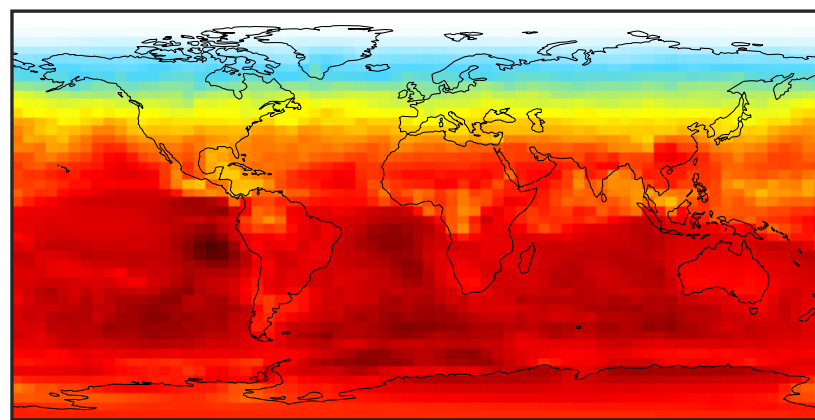
Jval_I202 (Oct2019)

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



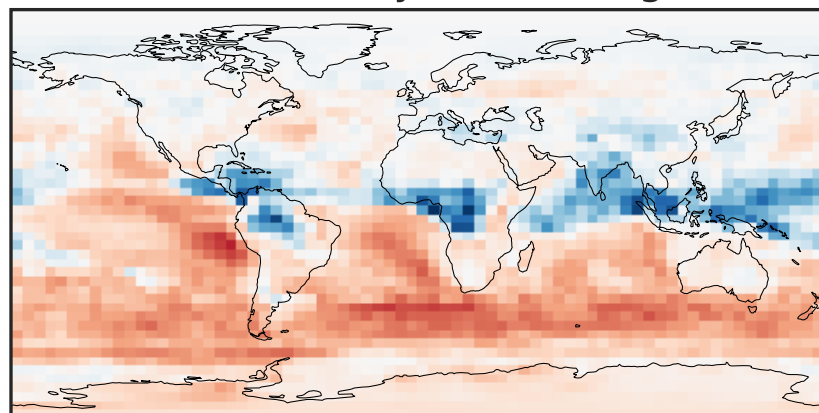
0.01 0.02 0.03
s-1

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



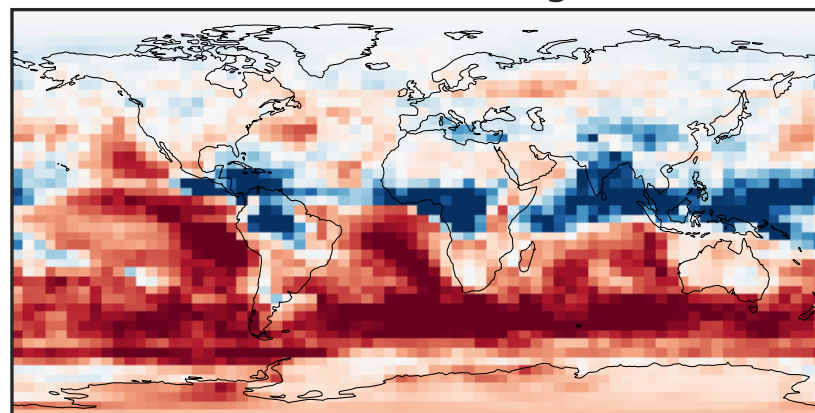
0.01 0.02 0.03
s-1

Difference
Dev - Ref, Dynamic Range



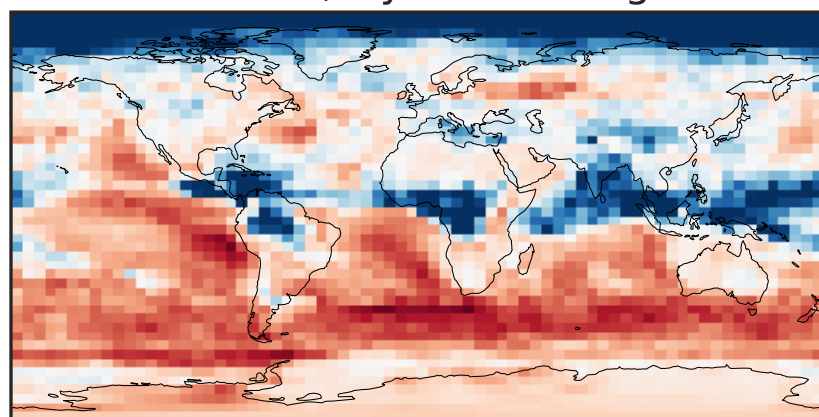
-0.0006 0.0000 0.0006
s-1

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



-0.0003 0.0000 0.0003
s-1

Ratio
Dev/Ref, Dynamic Range



0.97247 0.98623 1.00000 1.01416 1.02831
unitless

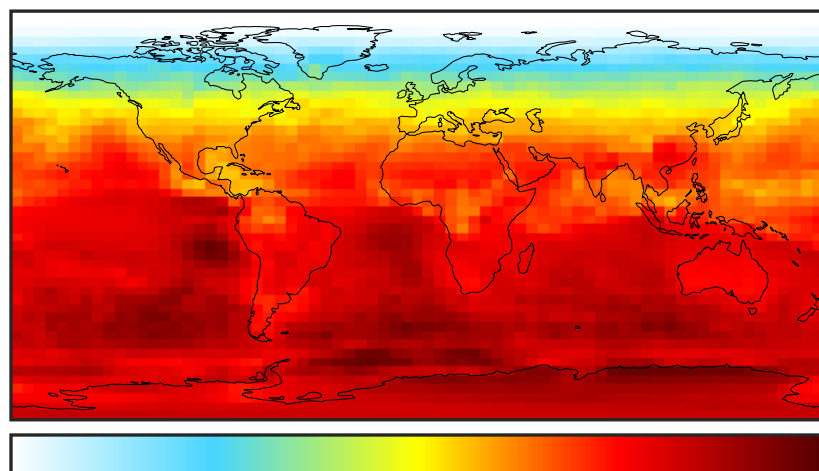
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

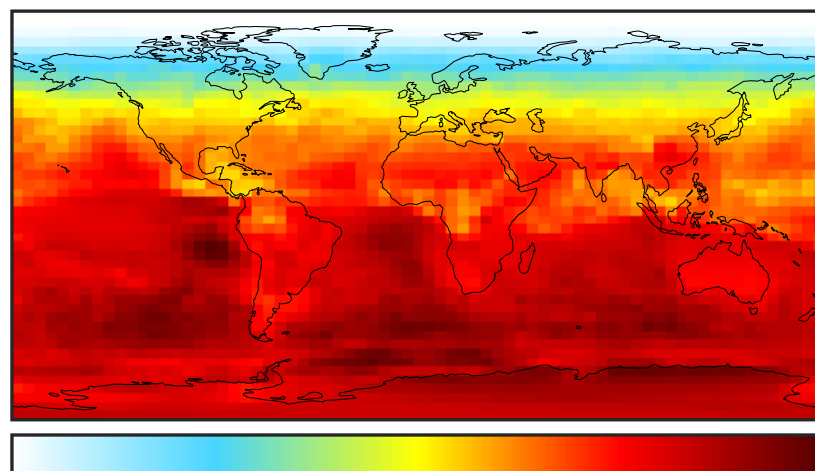
Jval_I203 (Oct2019)

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



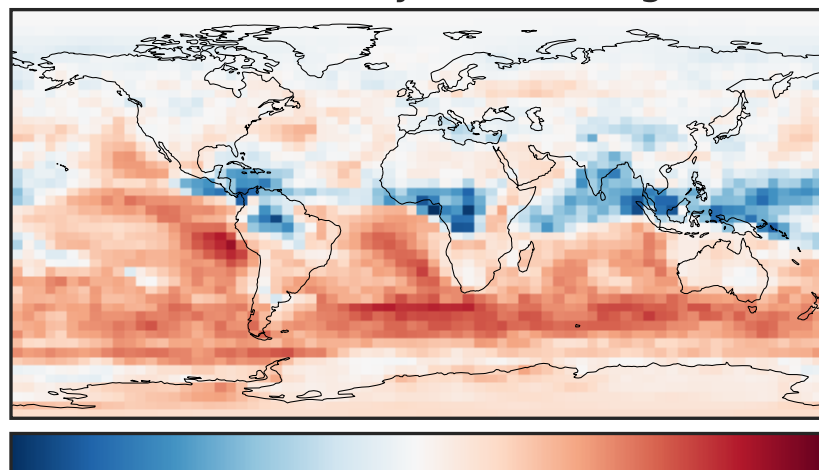
0.008 0.016 0.024
s-1

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



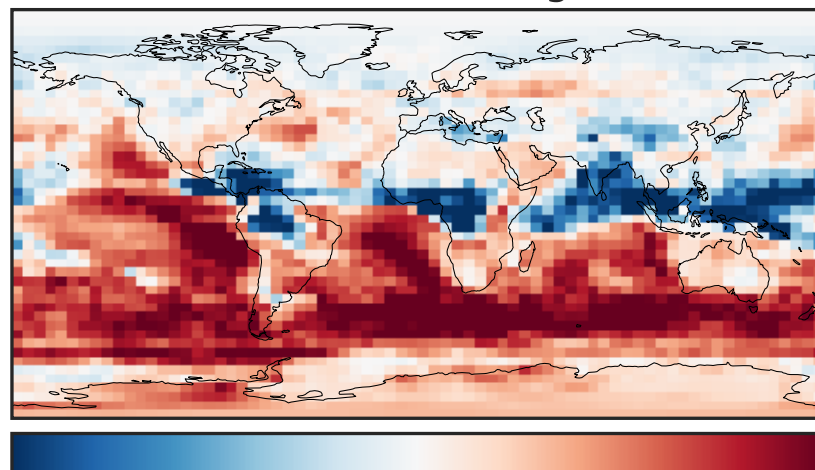
0.008 0.016 0.024
s-1

Difference
Dev - Ref, Dynamic Range



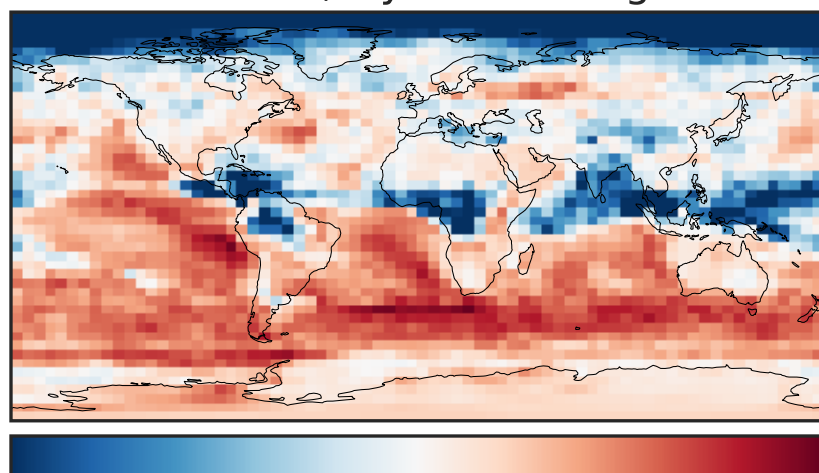
-0.0005 0.0000 0.0005
s-1

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



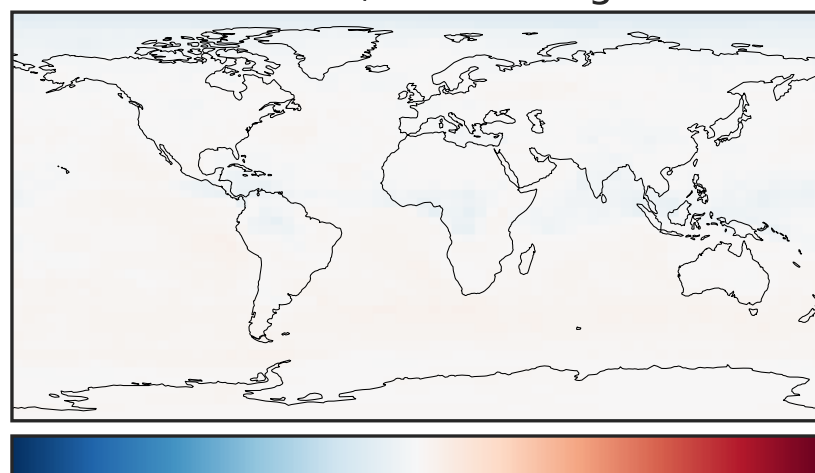
-0.00025 0.00000 0.00025
s-1

Ratio
Dev/Ref, Dynamic Range



0.97078 0.98539 1.00000 1.01505 1.03009
unitless

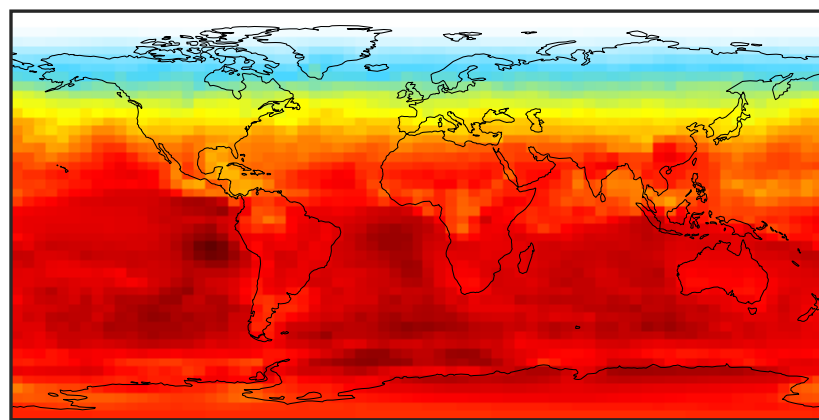
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

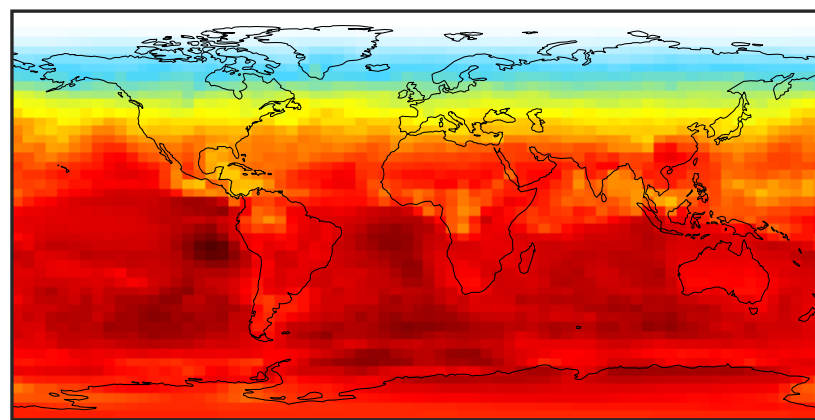
Jval_I204 (Oct2019)

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



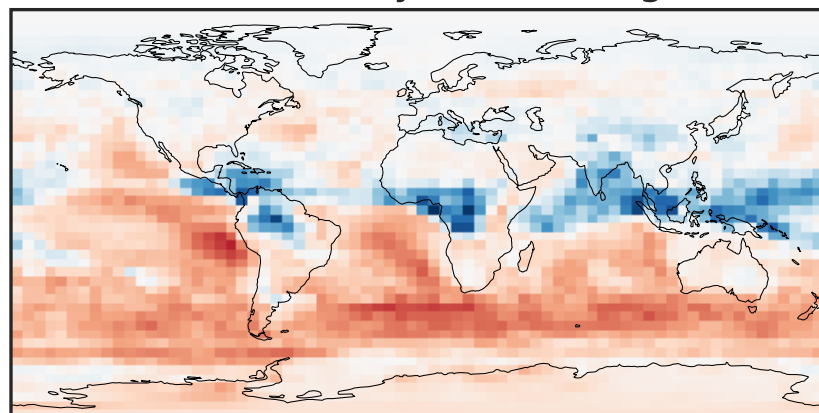
0.01 0.02 0.03
s-1

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



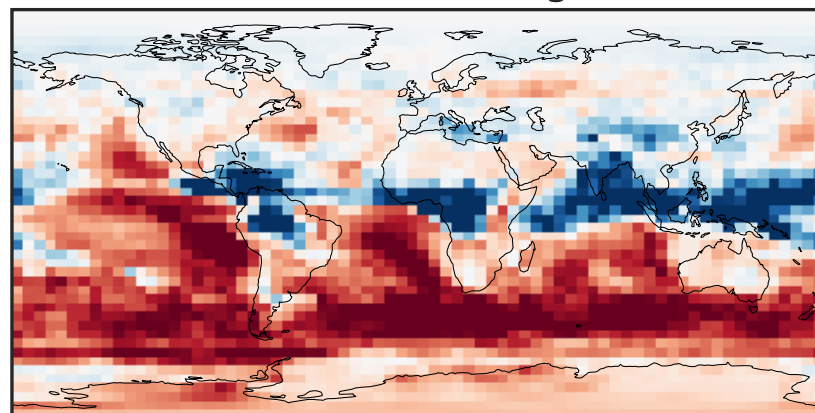
0.01 0.02 0.03
s-1

Difference
Dev - Ref, Dynamic Range



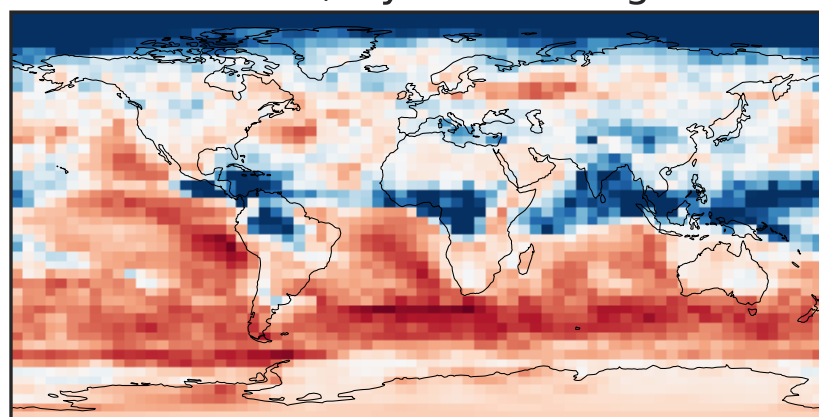
-0.0006 0.0000 0.0006
s-1

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



-0.0003 0.0000 0.0003
s-1

Ratio
Dev/Ref, Dynamic Range



0.97247 0.98623 1.00000 1.01416 1.02831
unitless

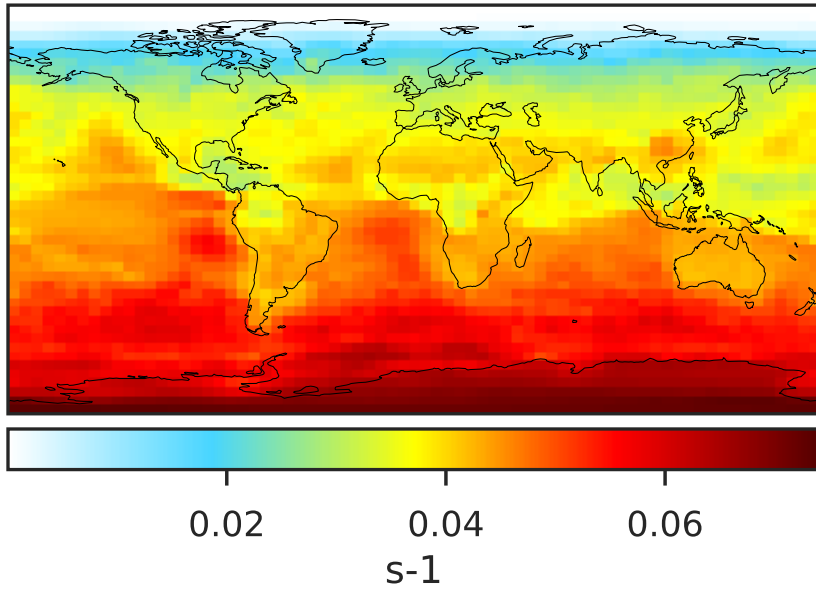
Ratio
Dev/Ref, Fixed Range



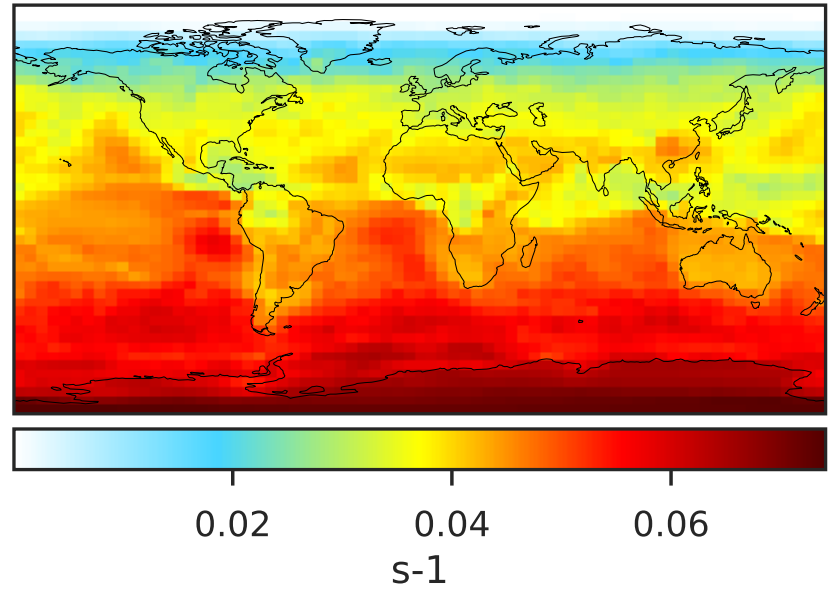
0.50 0.75 1.00 1.50 2.00
unitless

Jval_IBr (Oct2019)

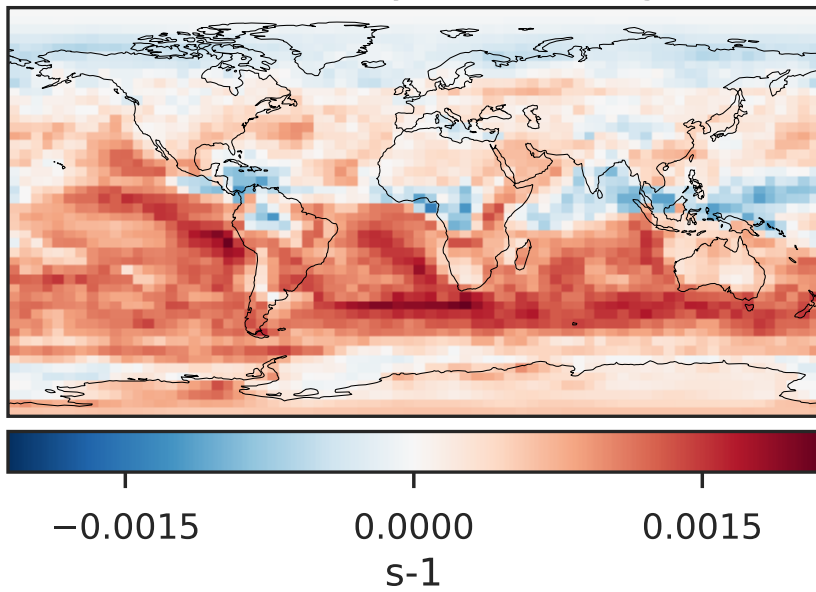
14.2.0-rc.2 (Ref)
4.0x5.0



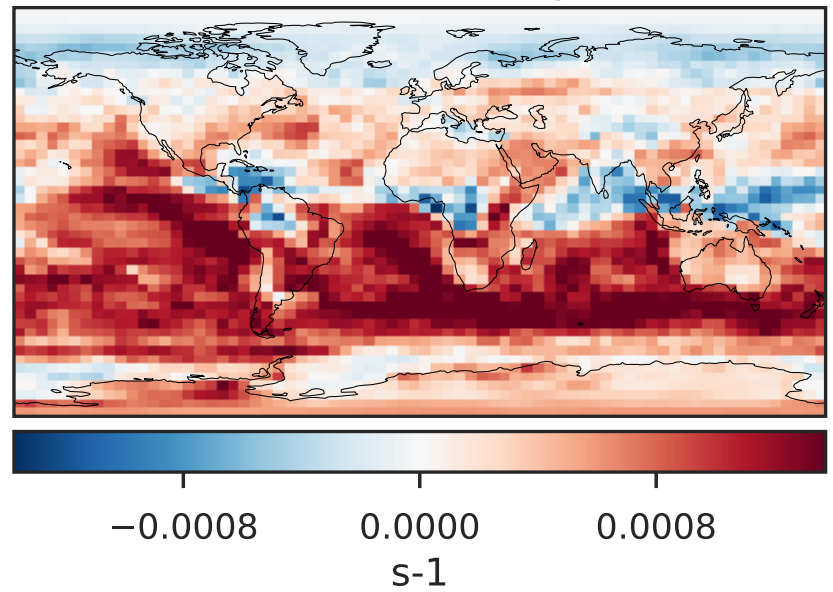
14.3.0-rc.0 (Dev)
4.0x5.0



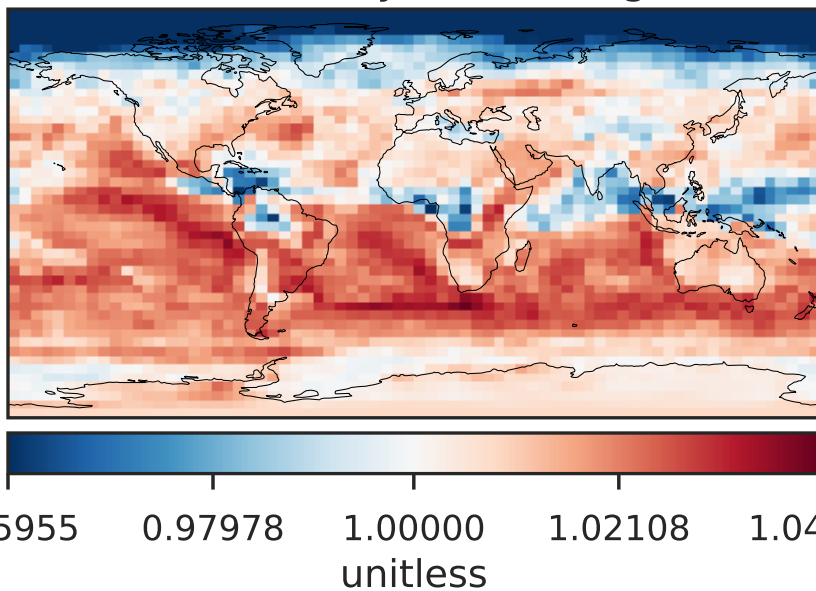
Difference
Dev - Ref, Dynamic Range



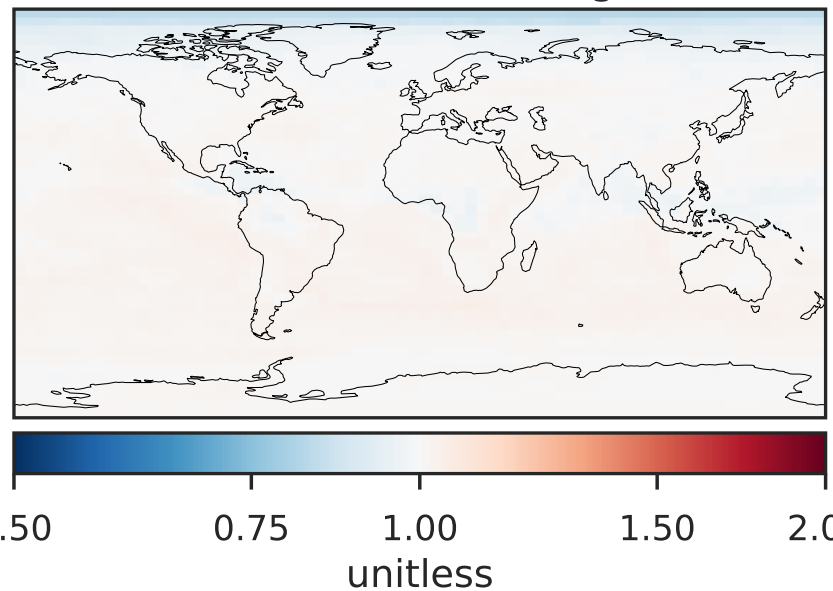
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

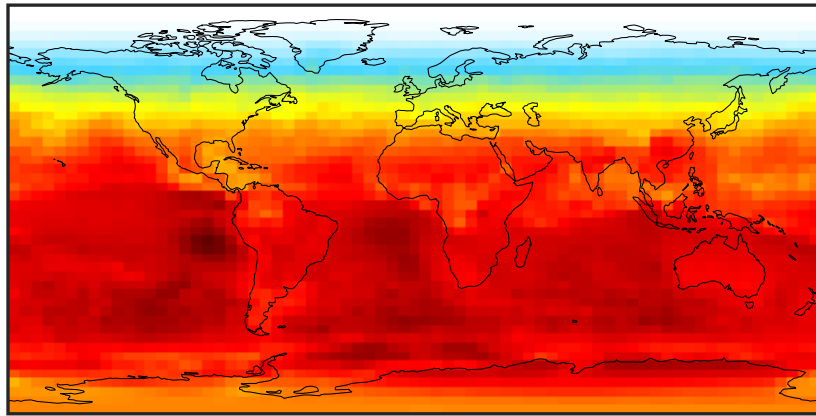


Ratio
Dev/Ref, Fixed Range



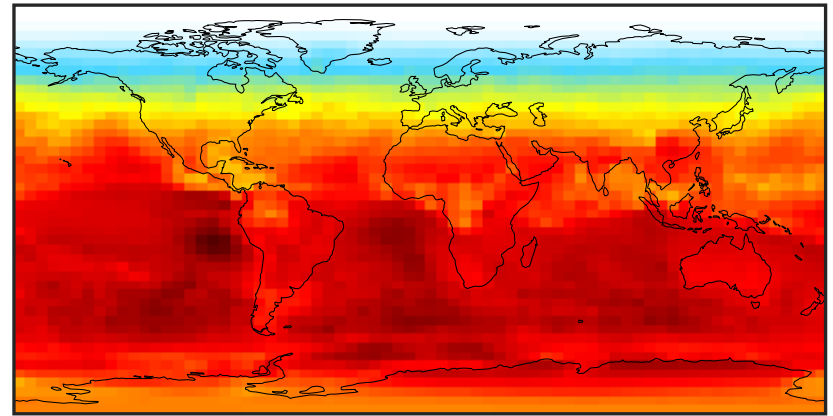
Jval_ICN (Oct2019)

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



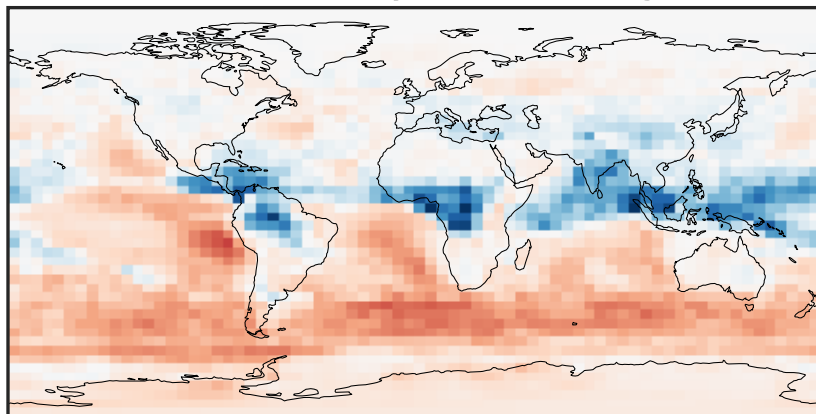
0.00006 0.00012 0.00018
s-1

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



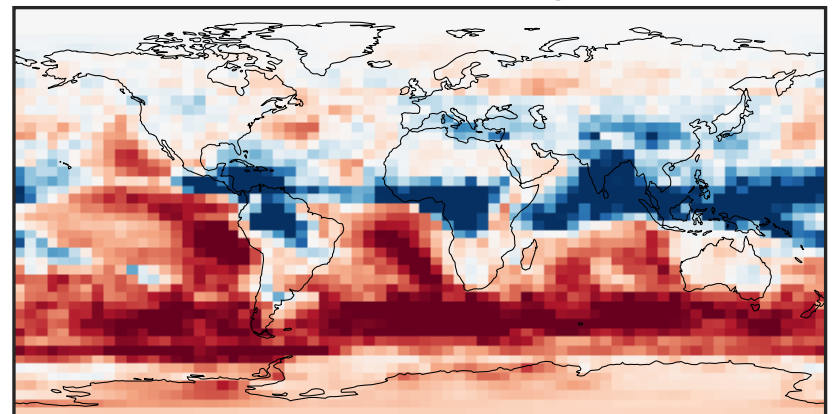
0.00006 0.00012 0.00018
s-1

Difference
Dev - Ref, Dynamic Range



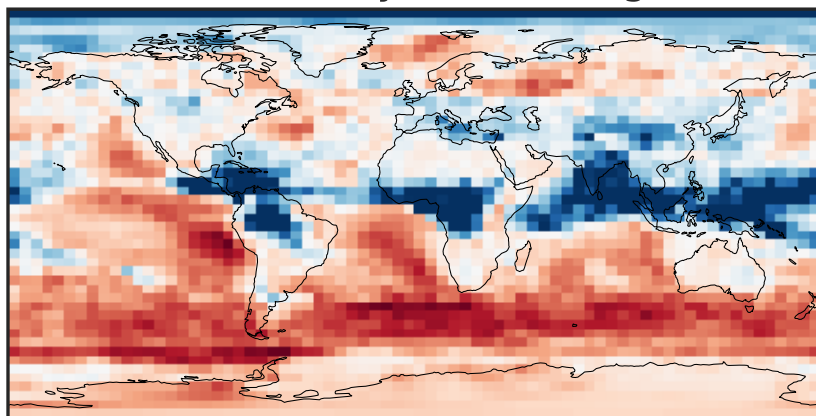
-4 0 4
s-1 1e-6

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



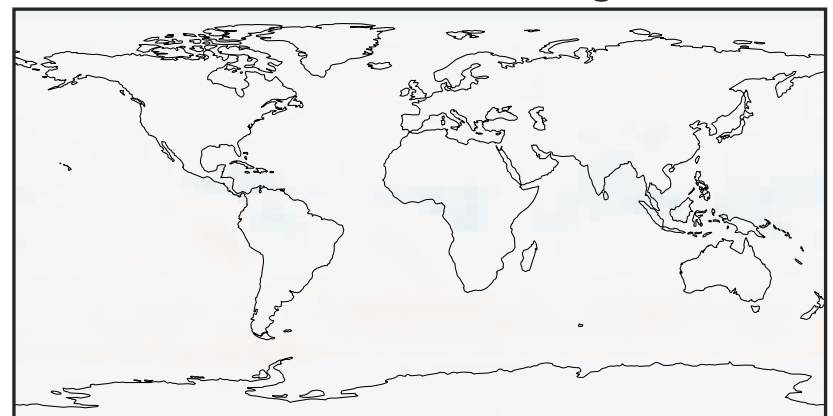
-2 0 2
s-1 1e-6

Ratio
Dev/Ref, Dynamic Range



0.97513 0.98757 1.00000 1.01275 1.02550
unitless

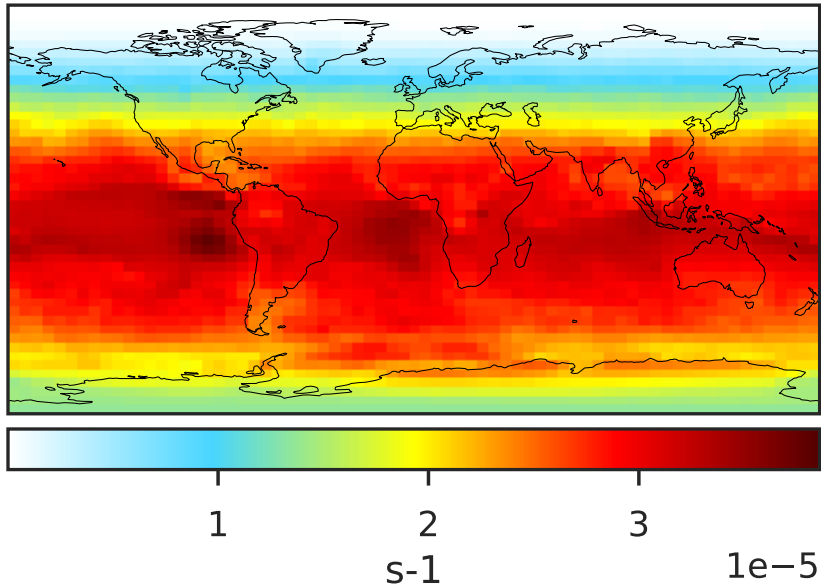
Ratio
Dev/Ref, Fixed Range



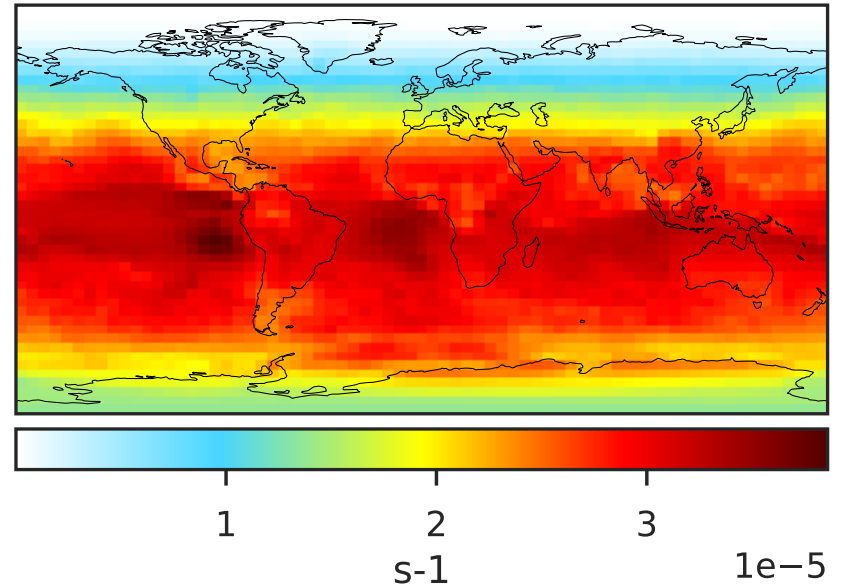
0.50 0.75 1.00 1.50 2.00
unitless

Jval_ICPDH (Oct2019)

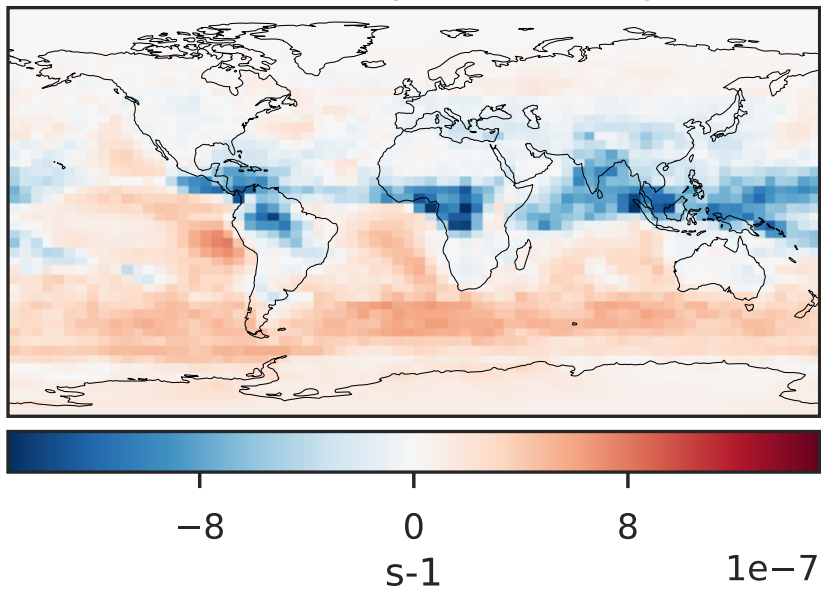
14.2.0-rc.2 (Ref)
4.0x5.0



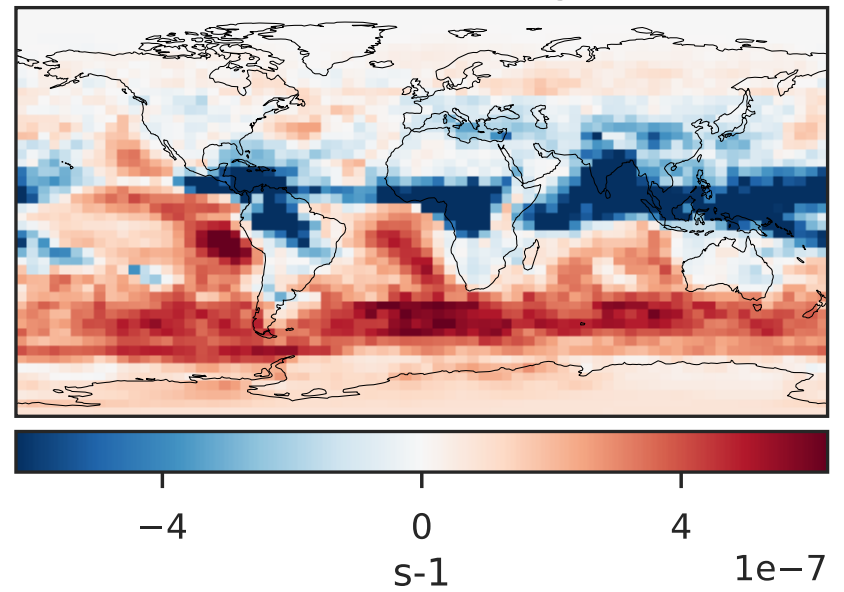
14.3.0-rc.0 (Dev)
4.0x5.0



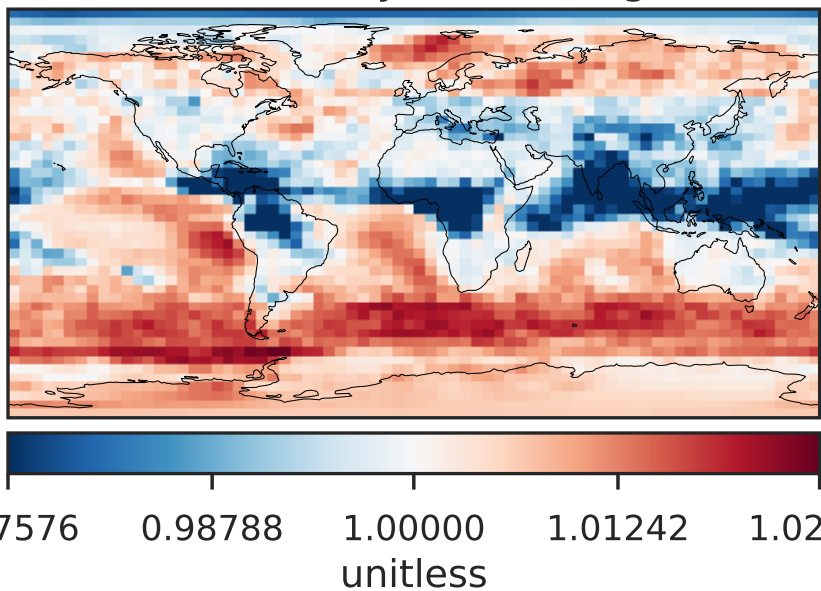
Difference
Dev - Ref, Dynamic Range



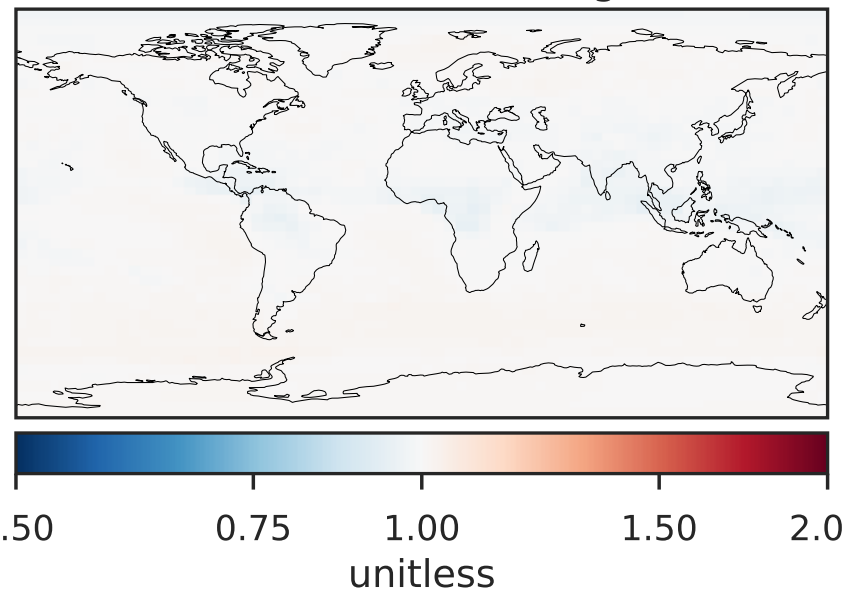
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

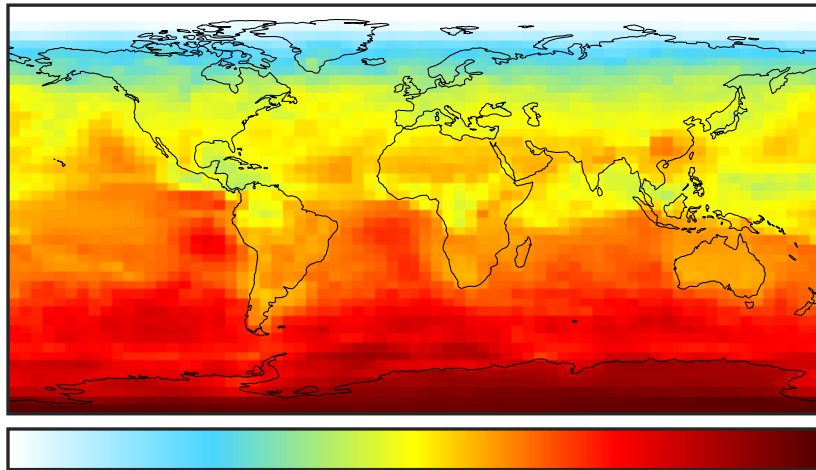


Ratio
Dev/Ref, Fixed Range



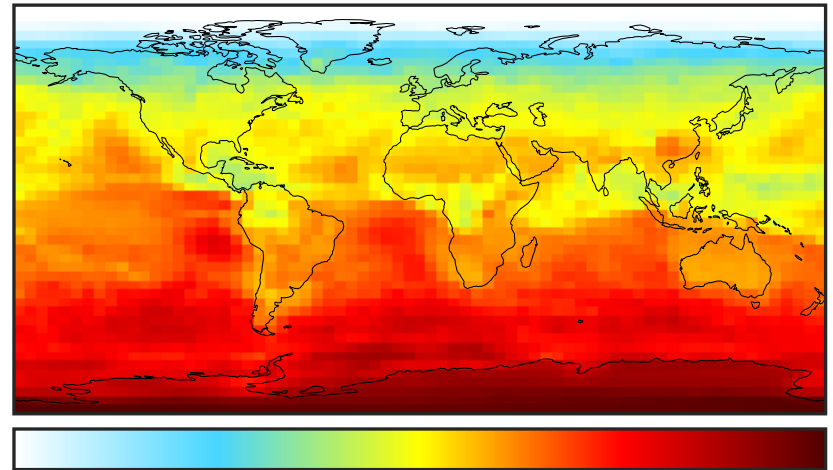
Jval_ICI (Oct2019)

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



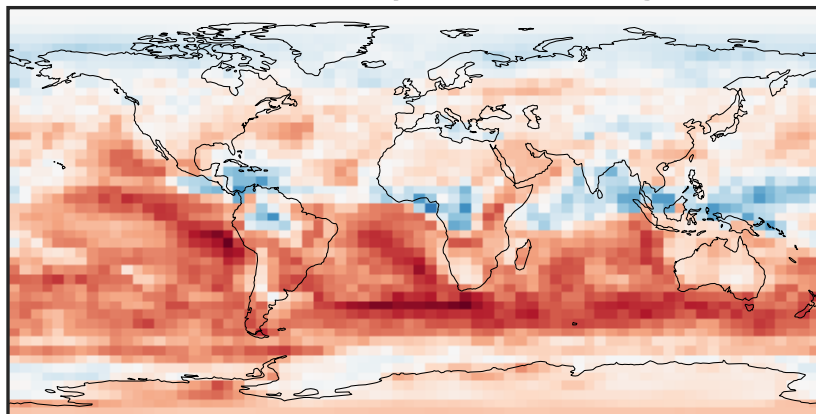
0.006 0.012 0.018
s-1

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



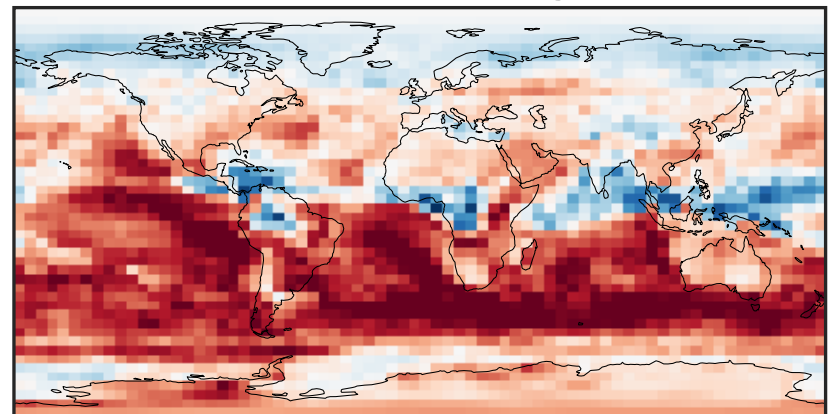
0.006 0.012 0.018
s-1

Difference
Dev - Ref, Dynamic Range



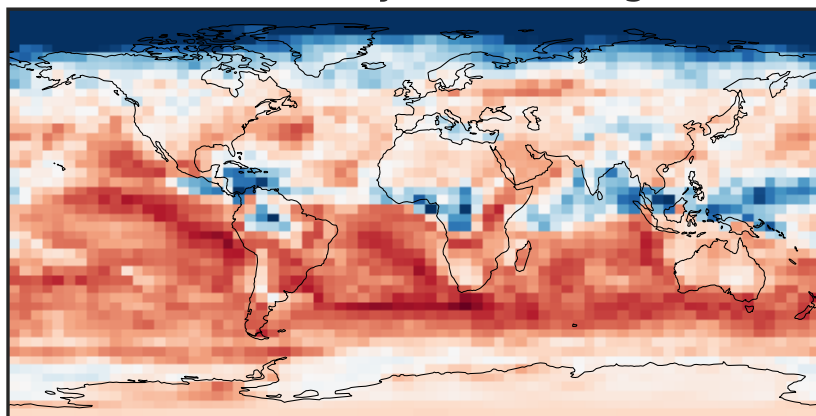
-0.0004 0.0000 0.0004
s-1

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



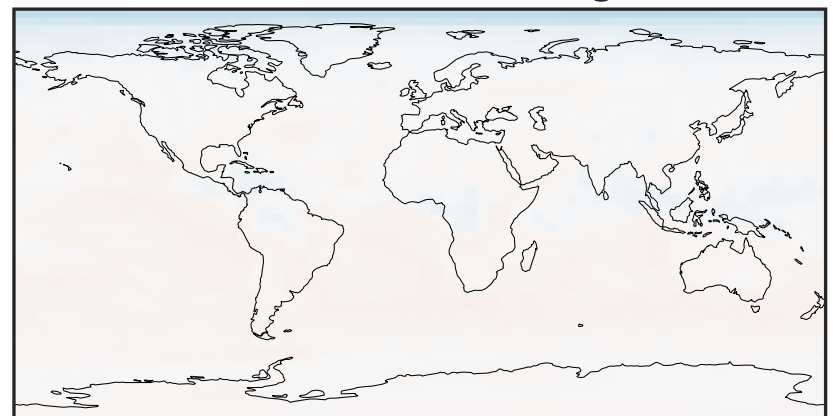
-0.00025 0.0000 0.00025
s-1

Ratio
Dev/Ref, Dynamic Range



0.96042 0.98021 1.00000 1.02060 1.04121
unitless

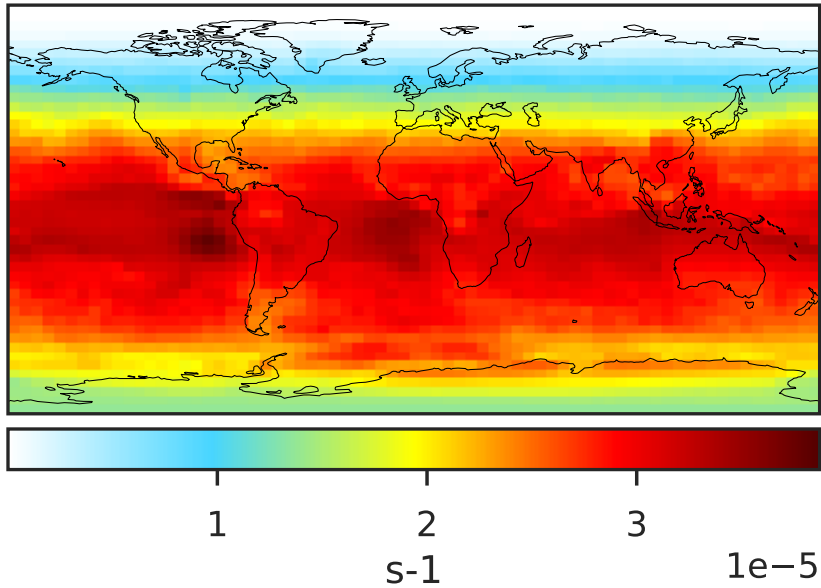
Ratio
Dev/Ref, Fixed Range



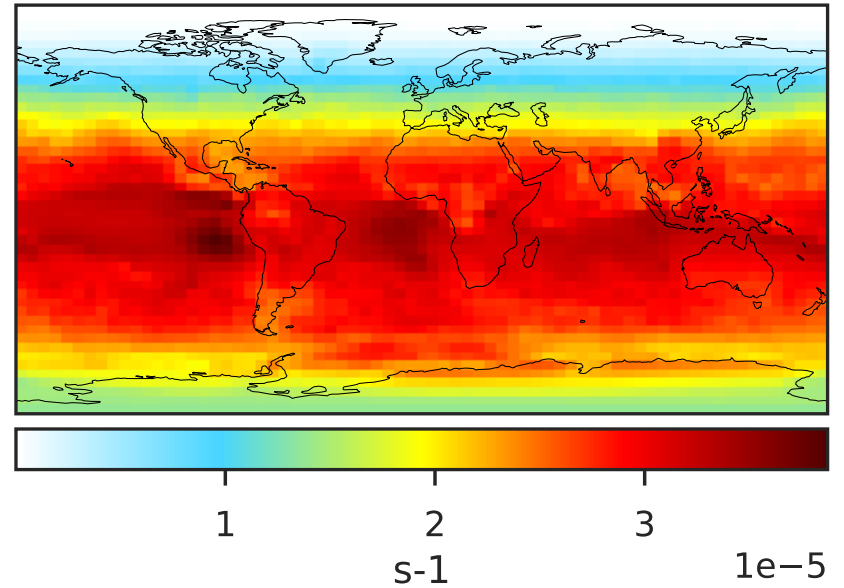
0.50 0.75 1.00 1.50 2.00
unitless

Jval_IDCHP (Oct2019)

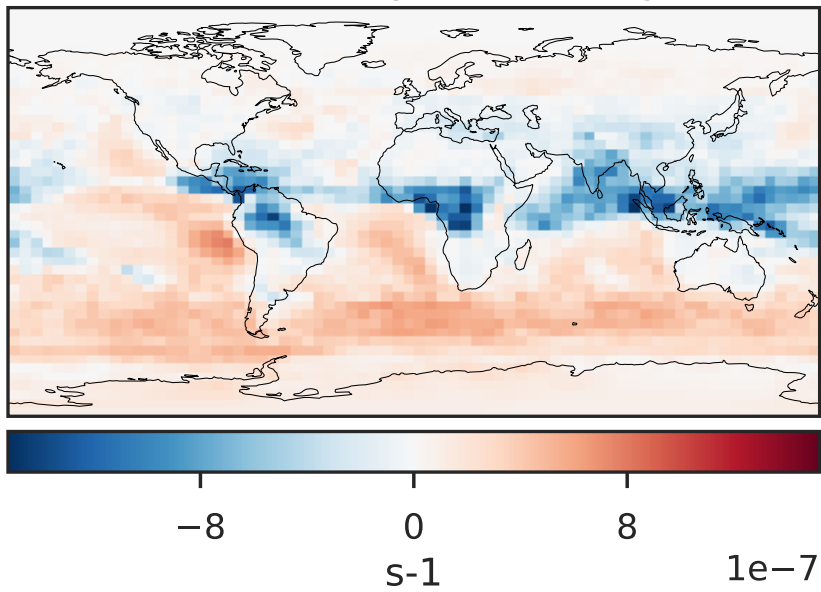
14.2.0-rc.2 (Ref)
4.0x5.0



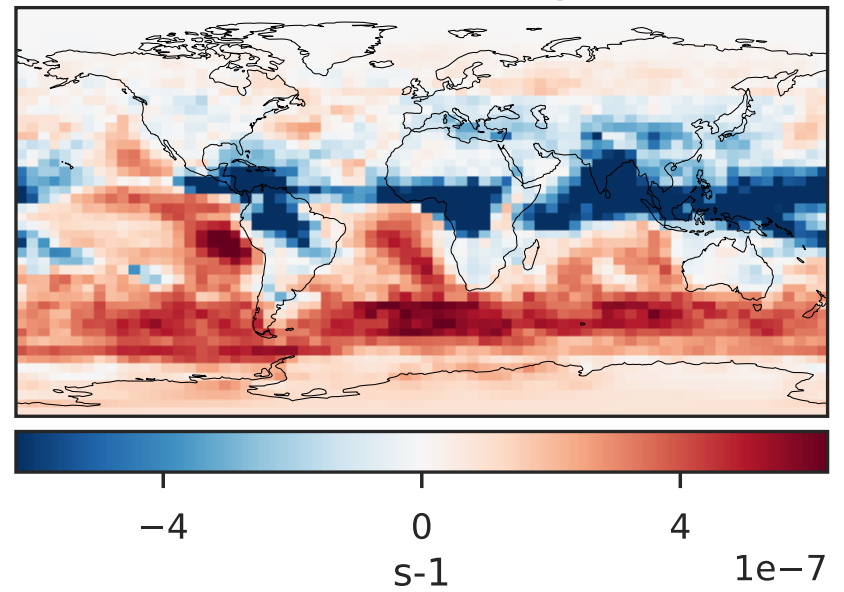
14.3.0-rc.0 (Dev)
4.0x5.0



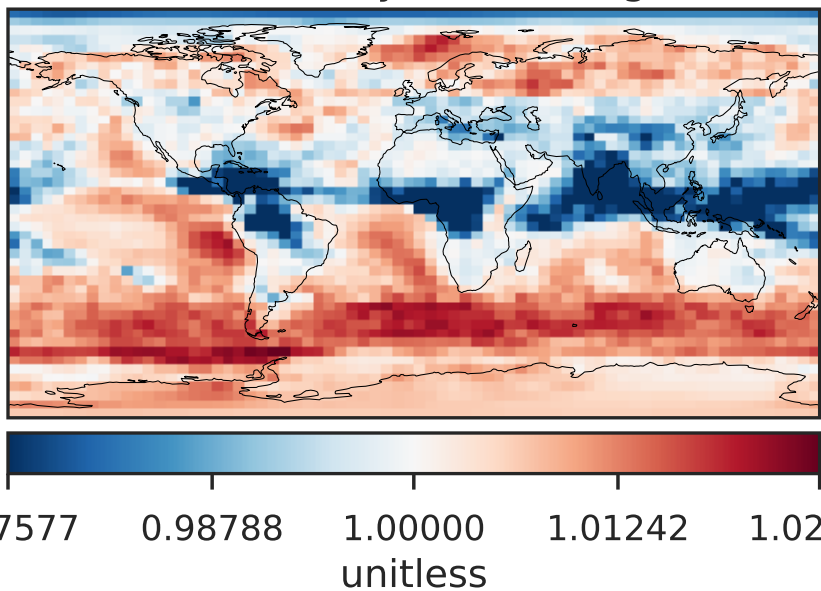
Difference
Dev - Ref, Dynamic Range



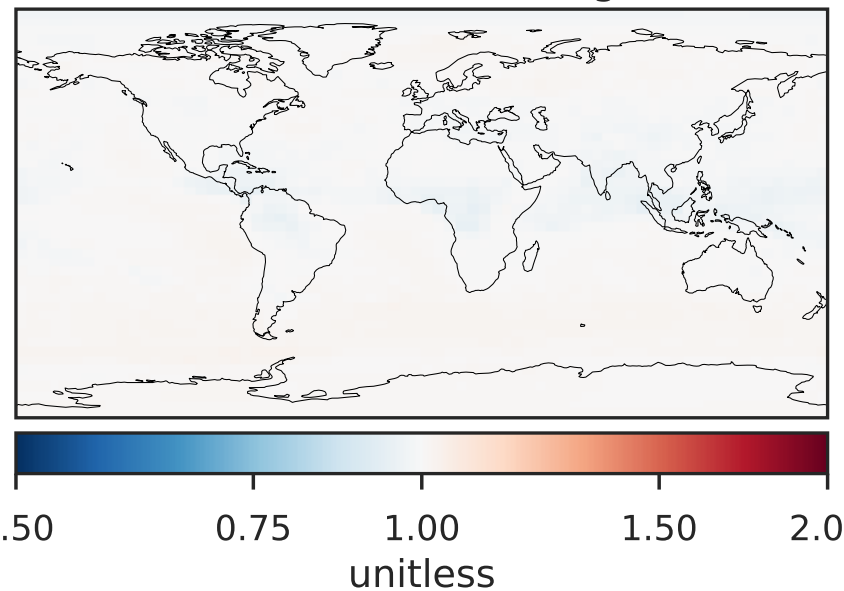
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

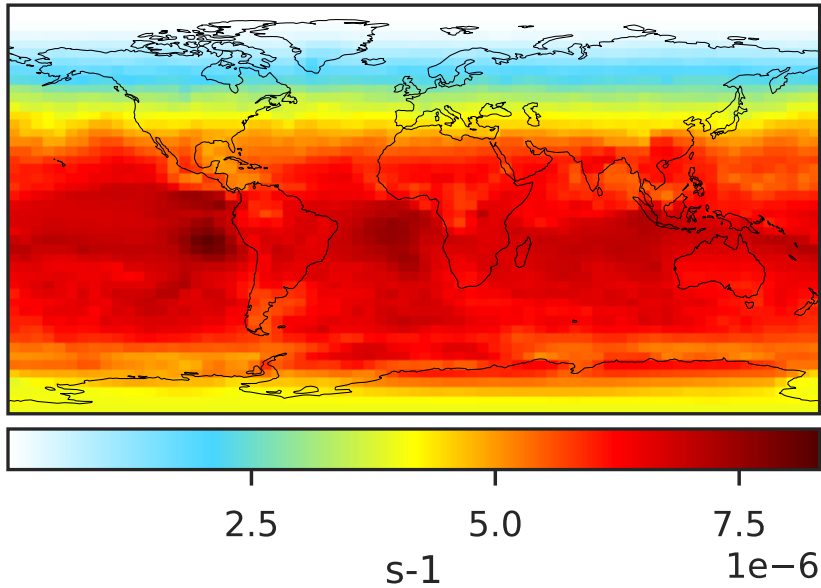


Ratio
Dev/Ref, Fixed Range

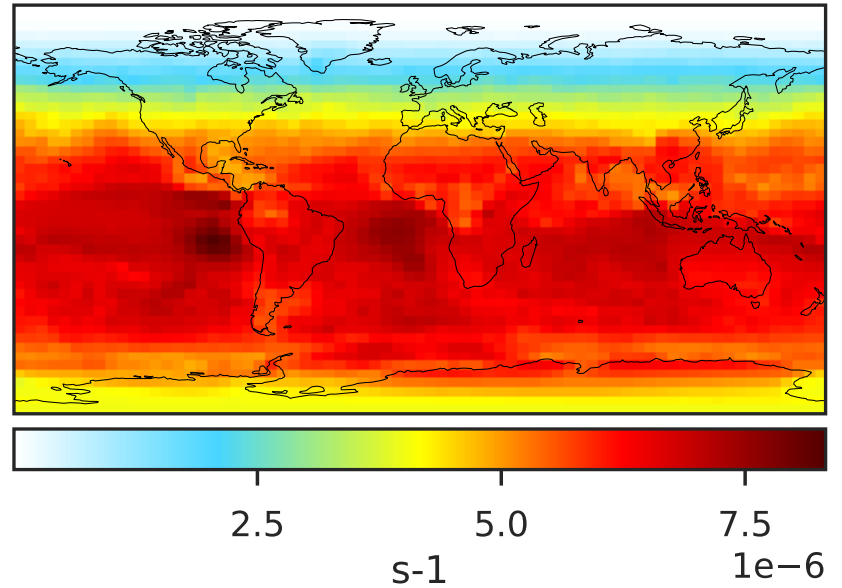


Jval_IDHDP (Oct2019)

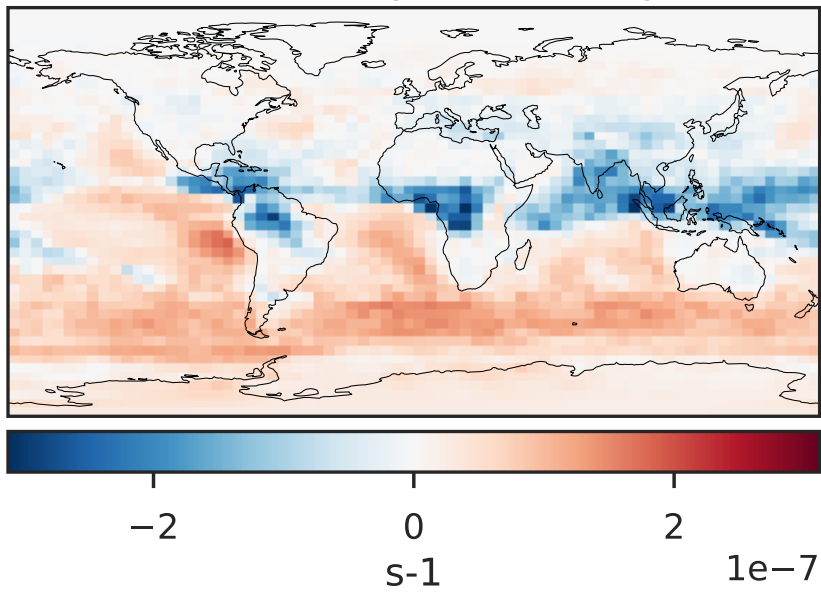
14.2.0-rc.2 (Ref)
4.0x5.0



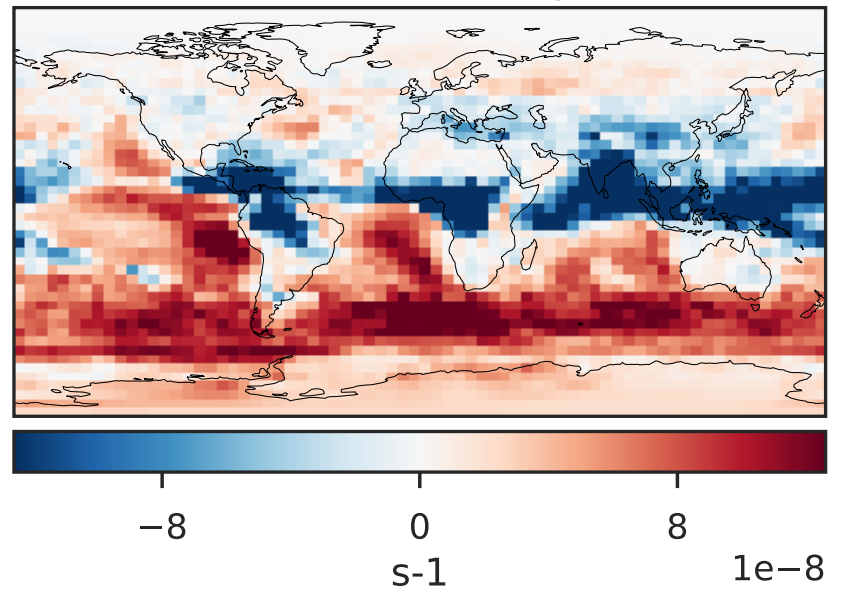
14.3.0-rc.0 (Dev)
4.0x5.0



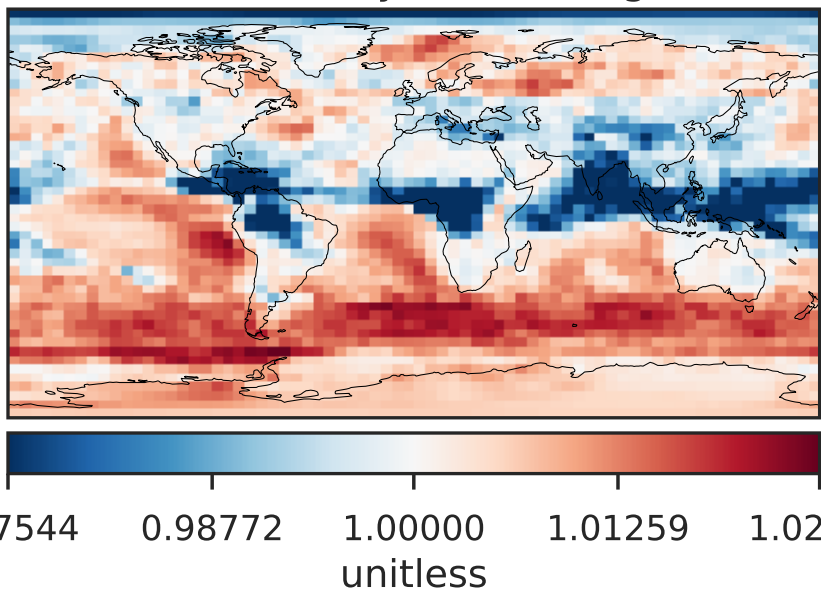
Difference
Dev - Ref, Dynamic Range



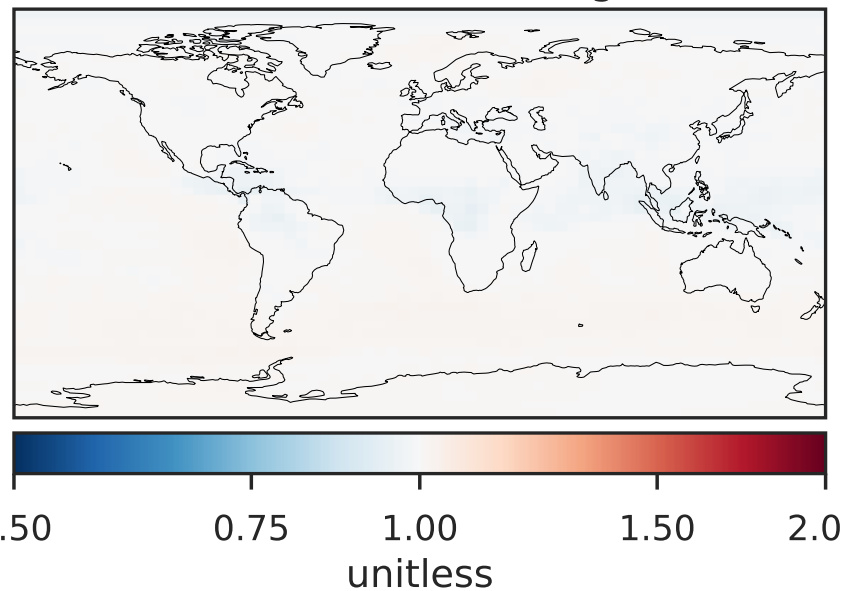
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

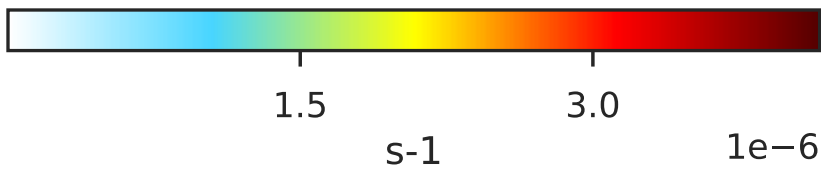
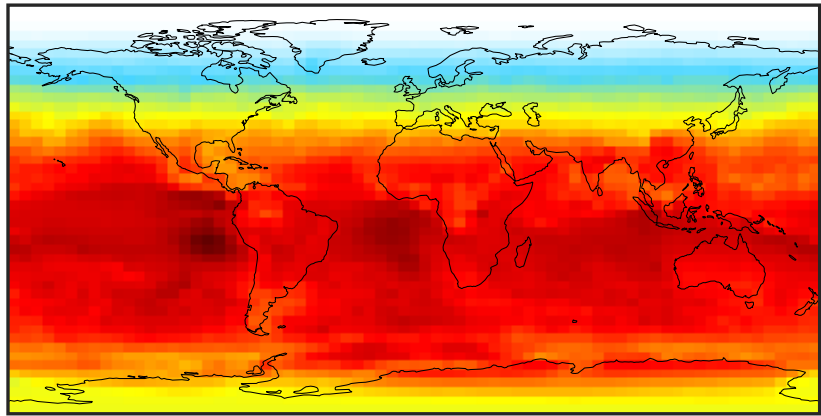


Ratio
Dev/Ref, Fixed Range

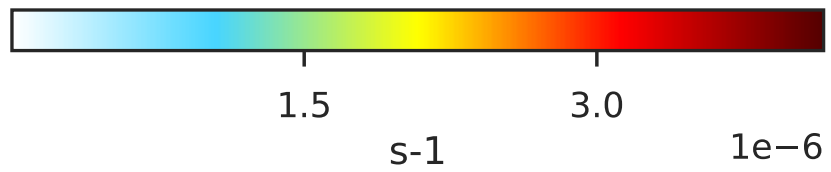
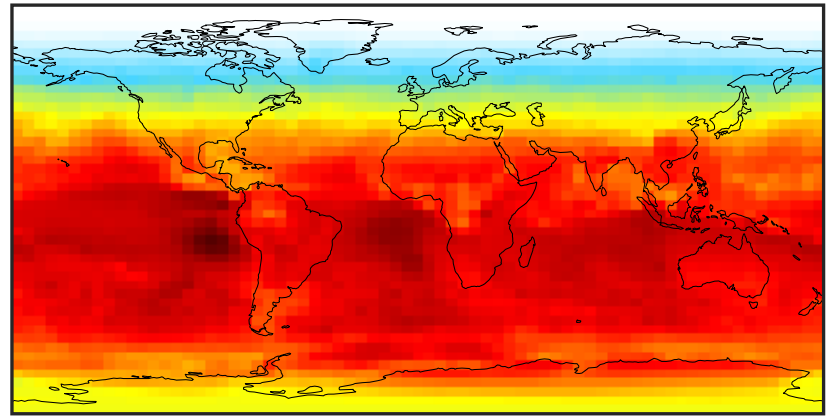


Jval_IDHPE (Oct2019)

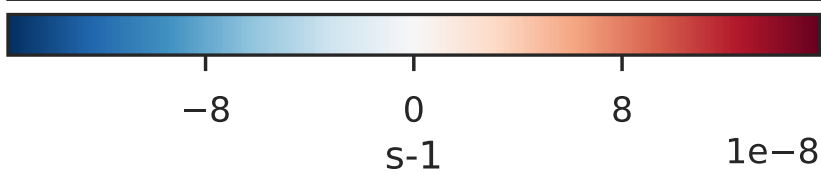
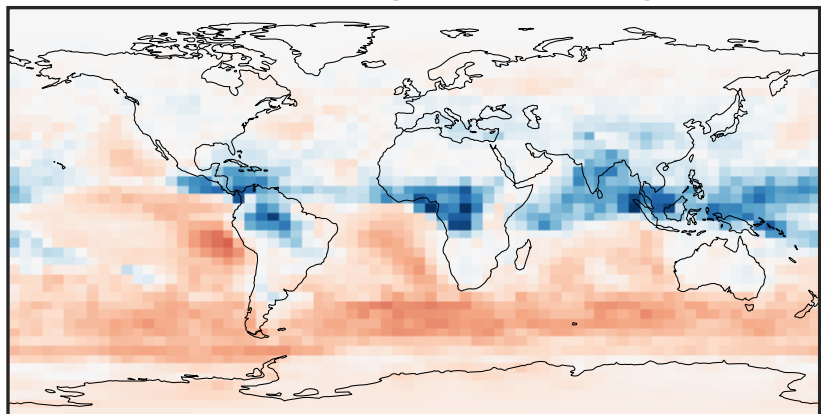
14.2.0-rc.2 (Ref)
4.0x5.0



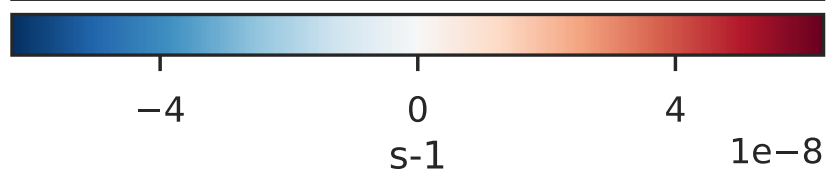
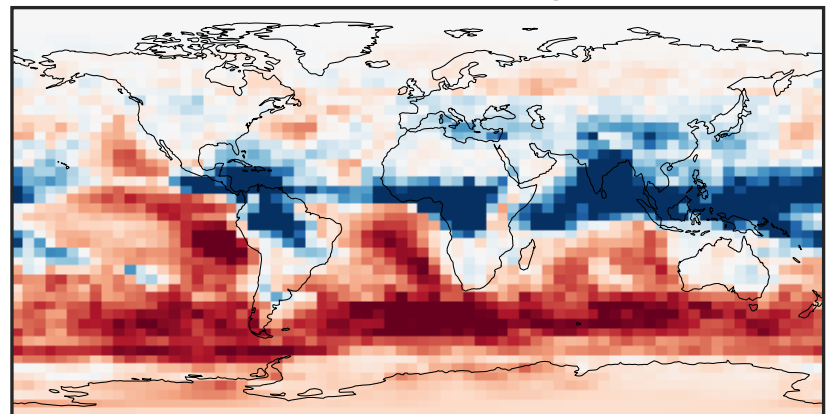
14.3.0-rc.0 (Dev)
4.0x5.0



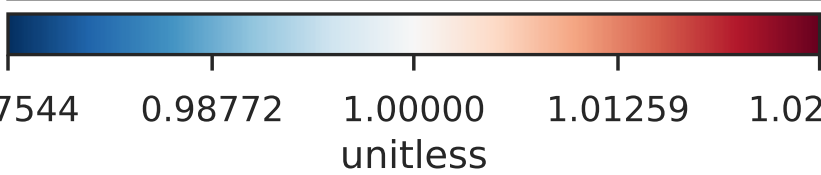
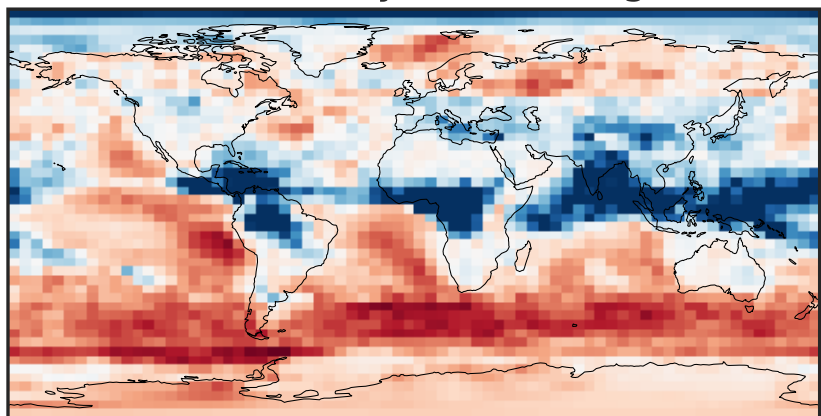
Difference
Dev - Ref, Dynamic Range



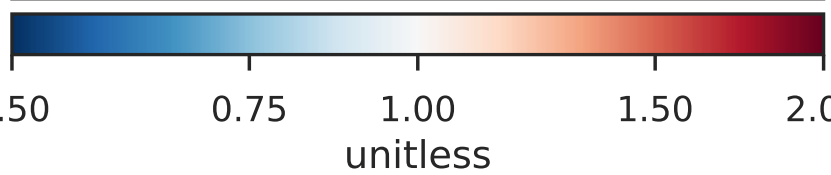
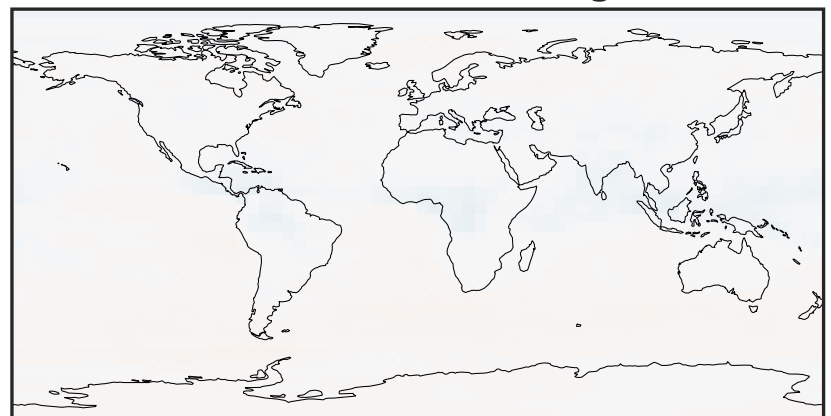
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

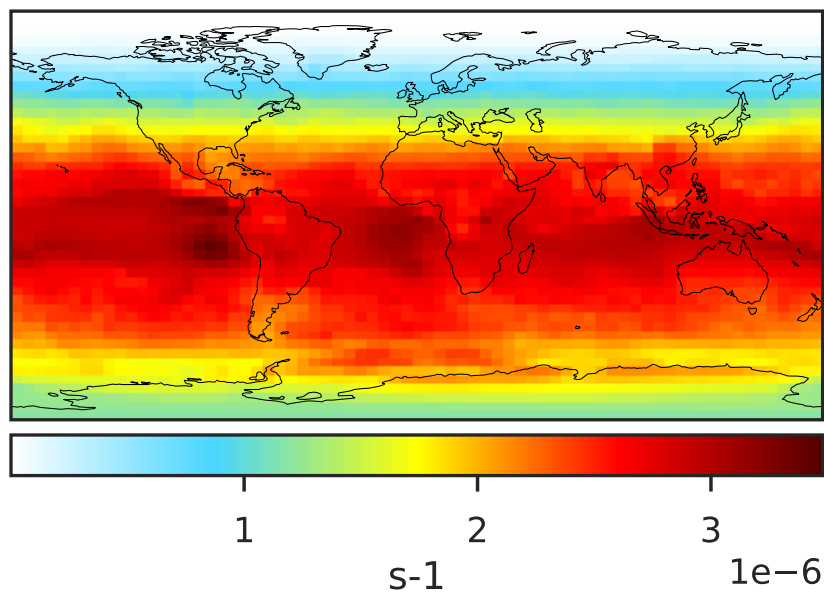


0.97544 0.98772 1.00000 1.01259 1.02518
unitless

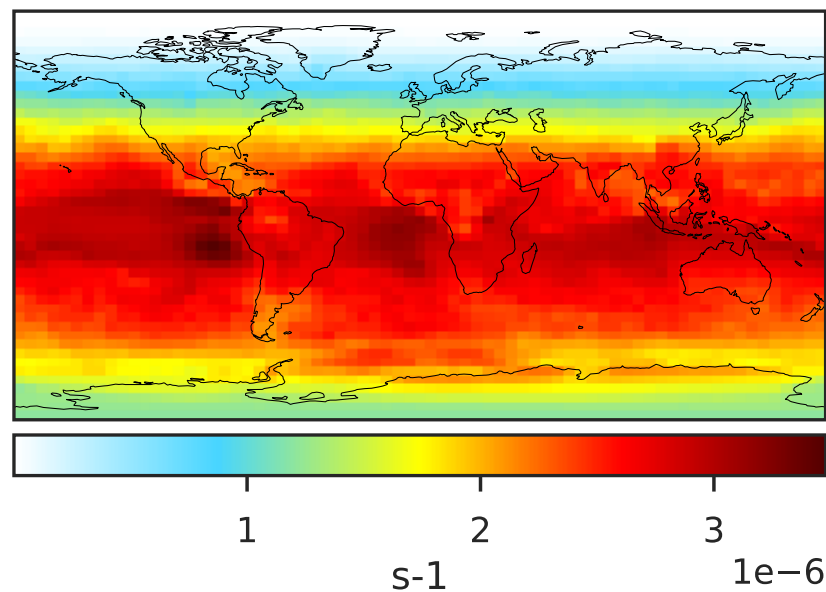
0.50 0.75 1.00 1.50 2.00
unitless

Jval_IDN (Oct2019)

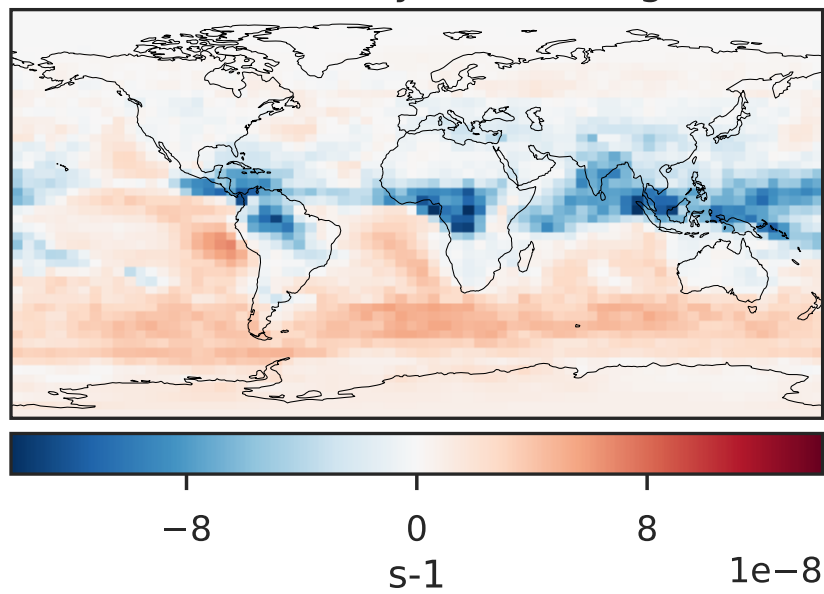
14.2.0-rc.2 (Ref)
4.0x5.0



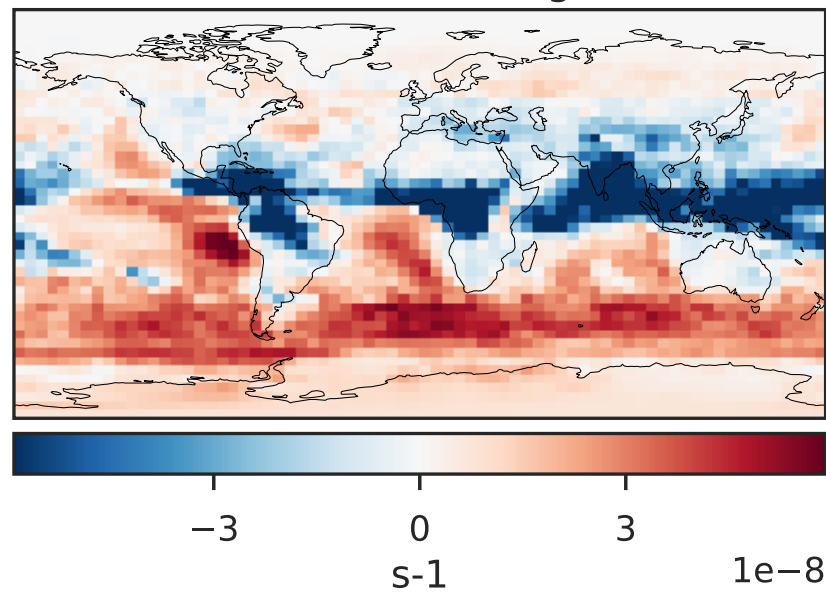
14.3.0-rc.0 (Dev)
4.0x5.0



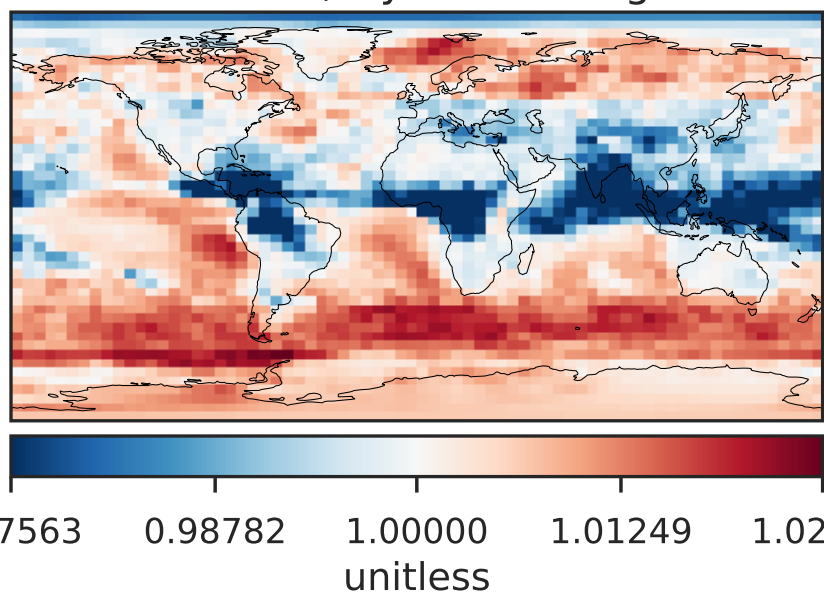
Difference
Dev - Ref, Dynamic Range



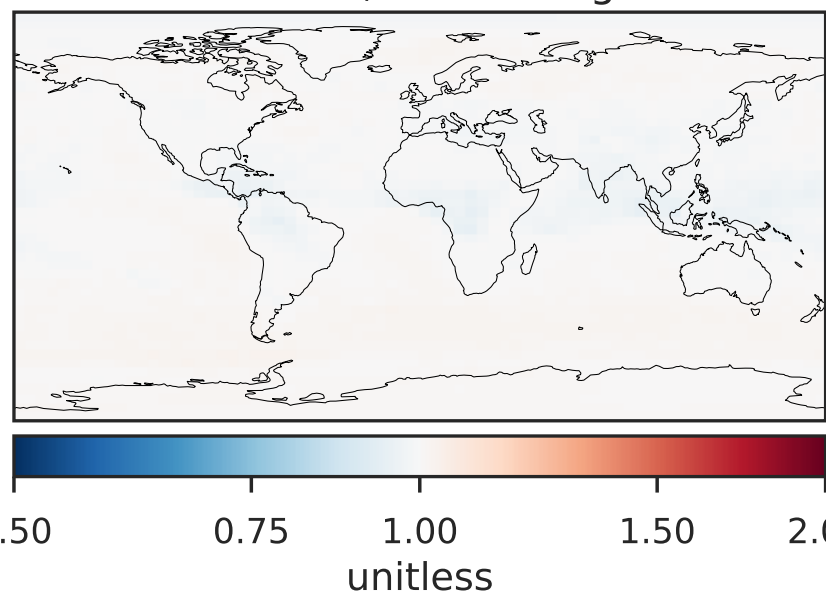
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

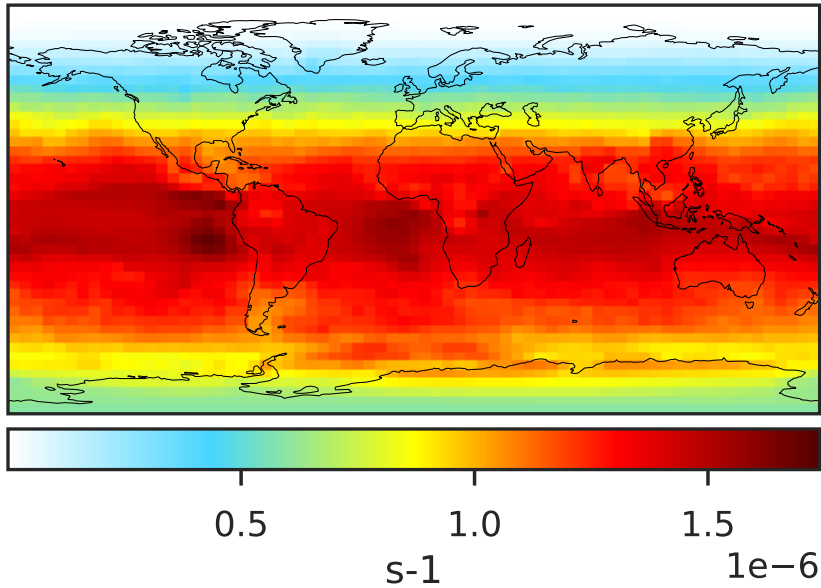


Ratio
Dev/Ref, Fixed Range

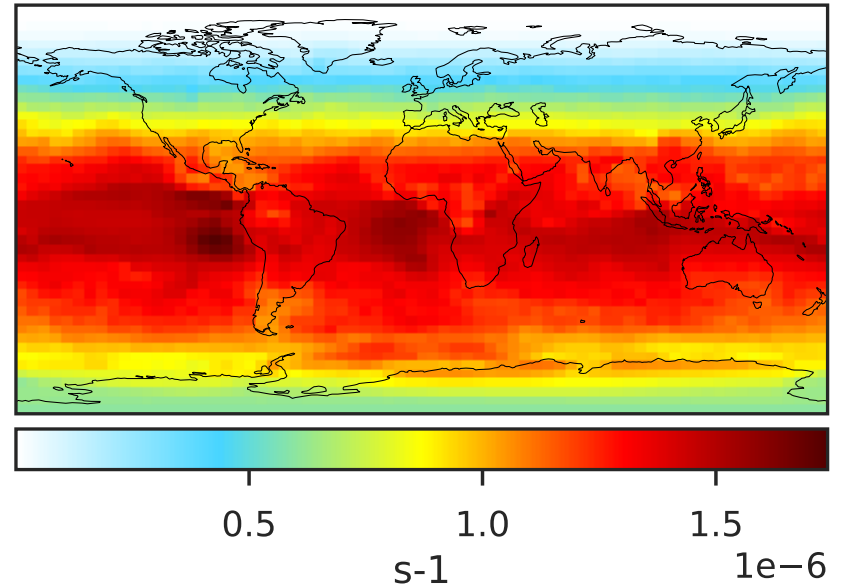


Jval_IHN1 (Oct2019)

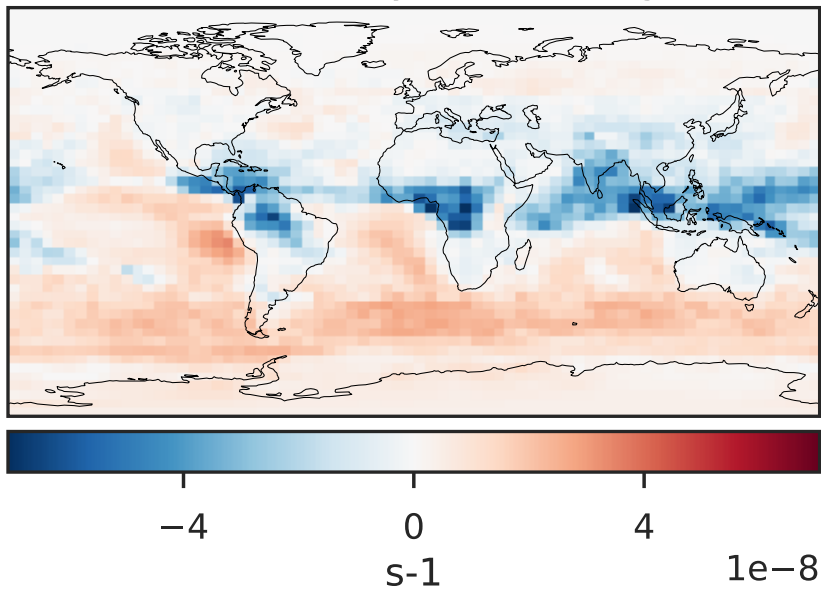
14.2.0-rc.2 (Ref)
4.0x5.0



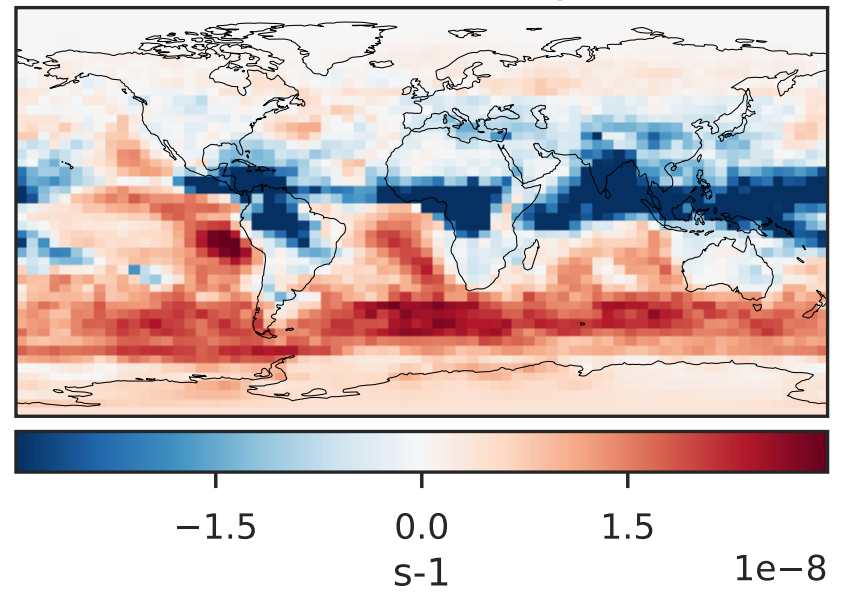
14.3.0-rc.0 (Dev)
4.0x5.0



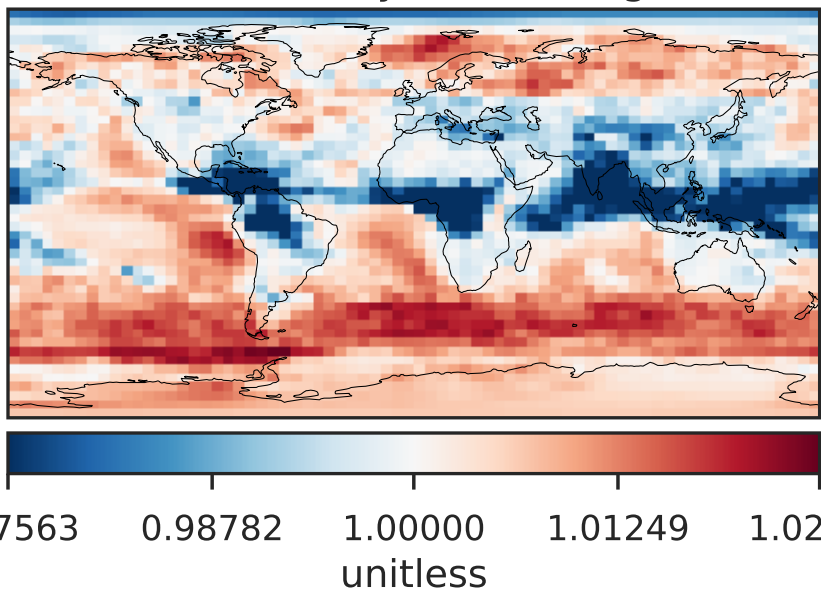
Difference
Dev - Ref, Dynamic Range



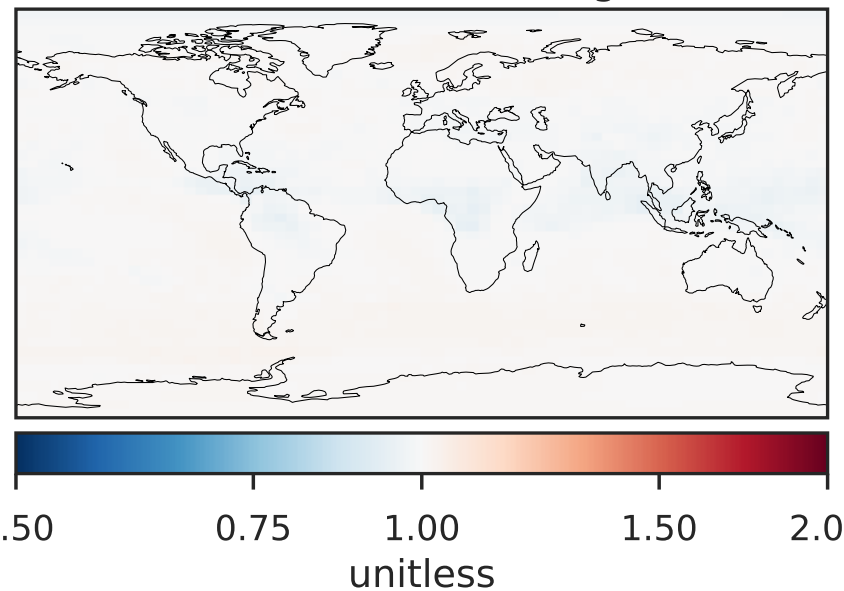
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

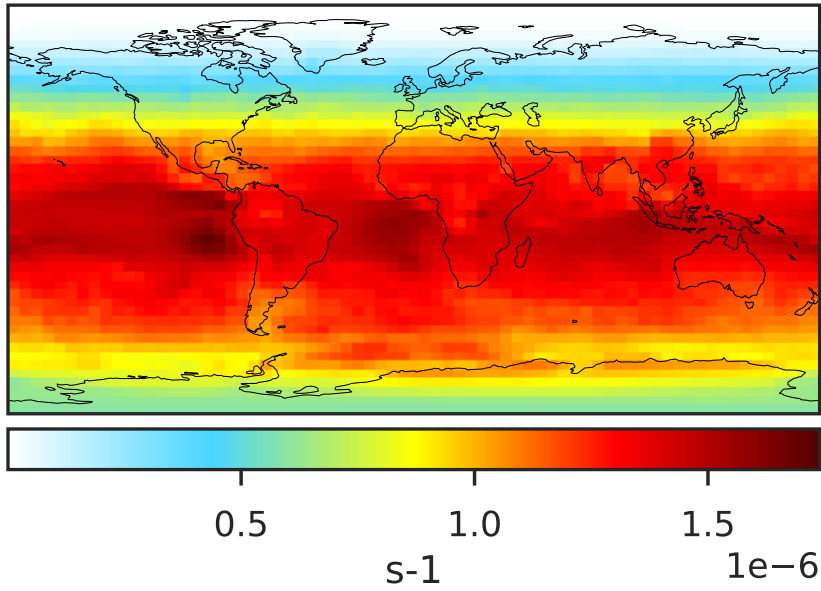


Ratio
Dev/Ref, Fixed Range

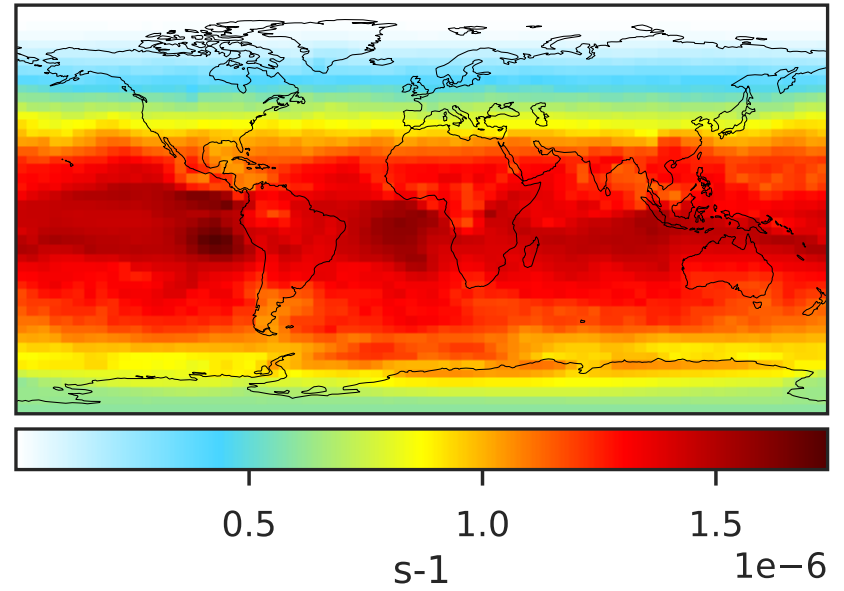


Jval_IHN2 (Oct2019)

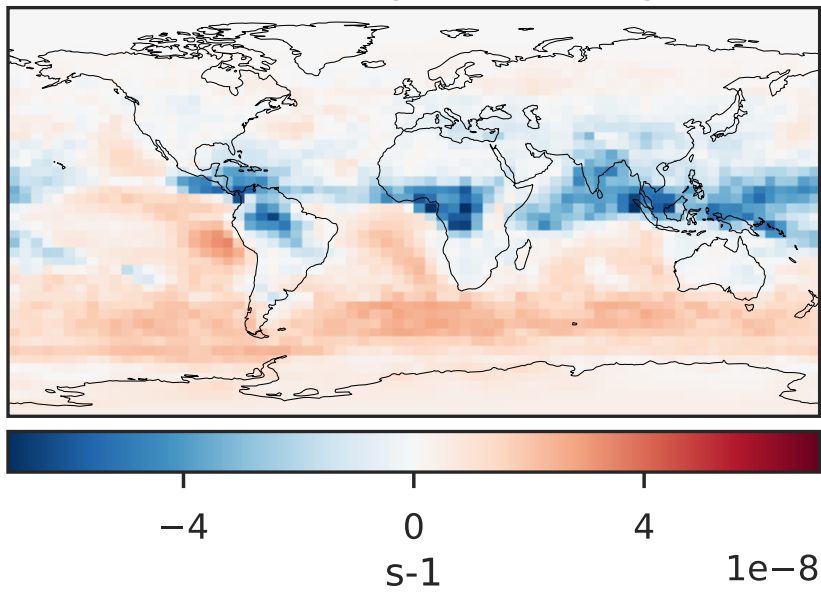
14.2.0-rc.2 (Ref)
4.0x5.0



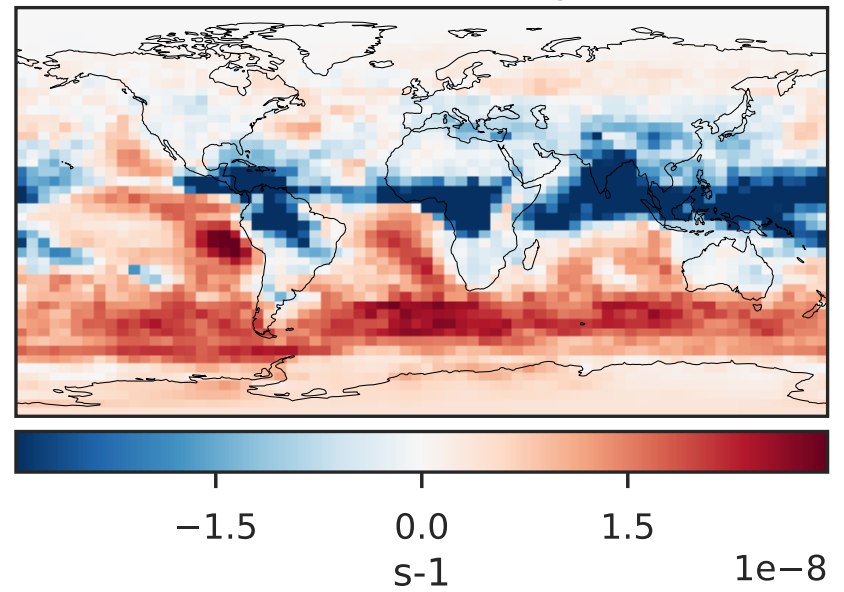
14.3.0-rc.0 (Dev)
4.0x5.0



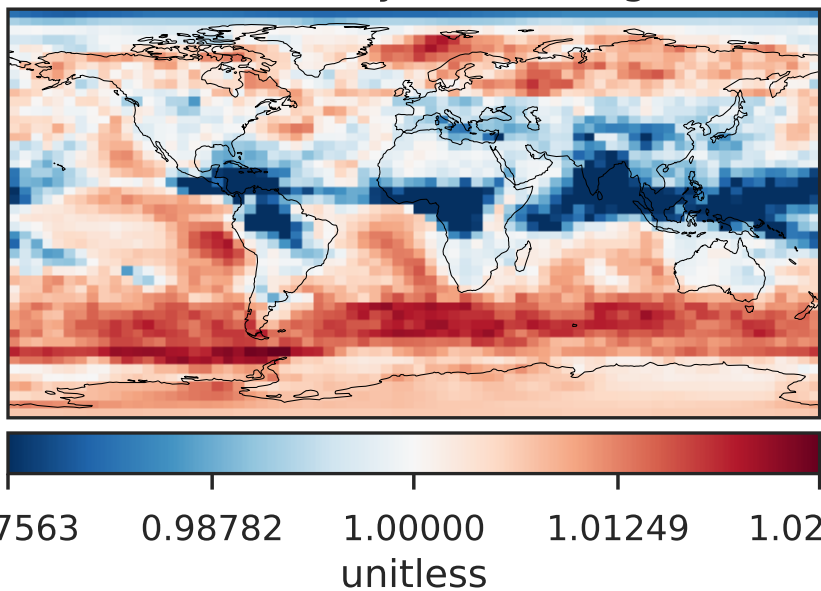
Difference
Dev - Ref, Dynamic Range



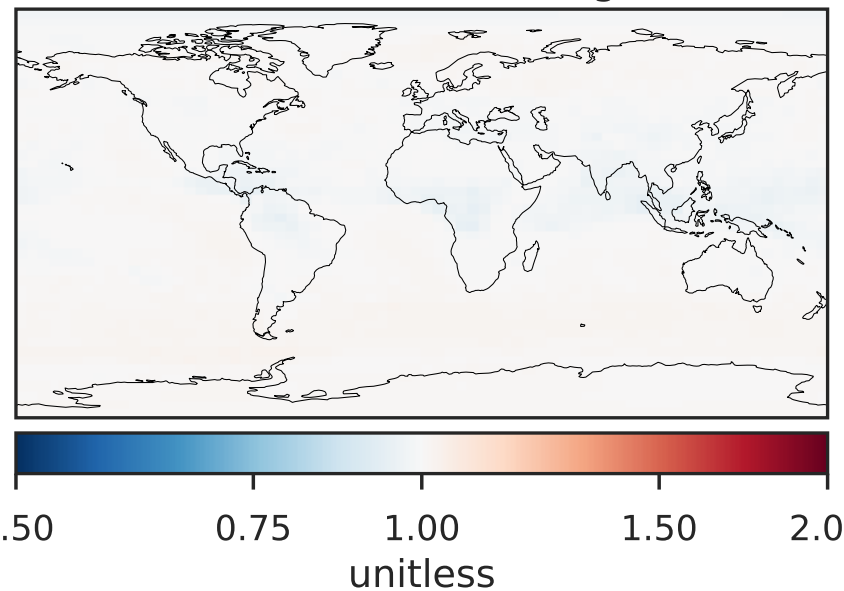
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

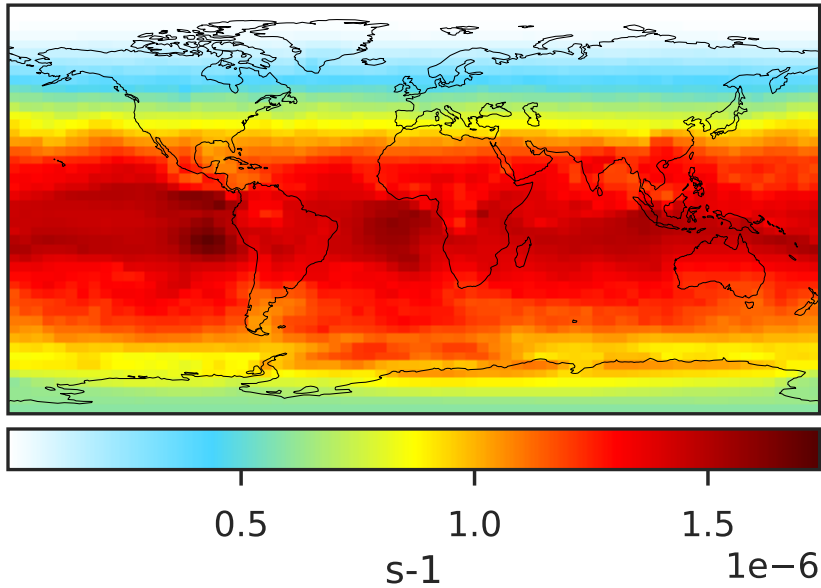


Ratio
Dev/Ref, Fixed Range

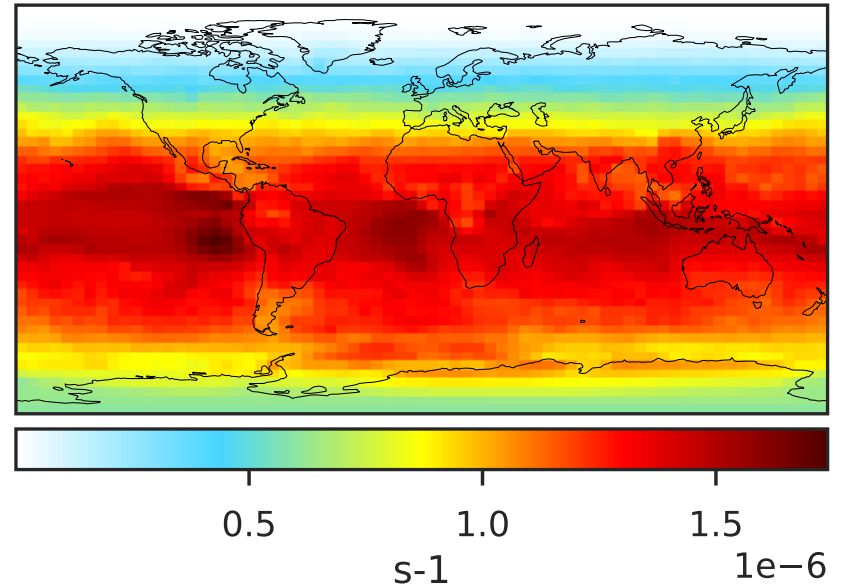


Jval_IHN3 (Oct2019)

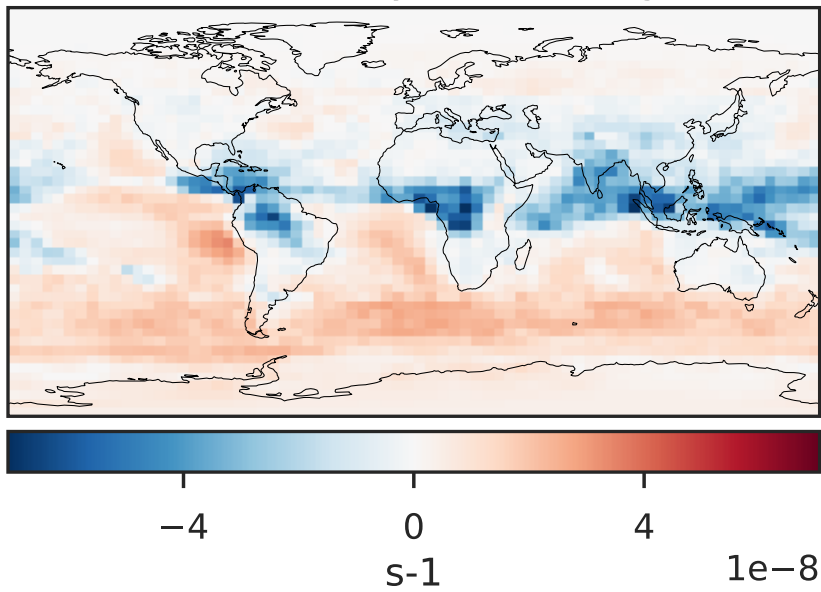
14.2.0-rc.2 (Ref)
4.0x5.0



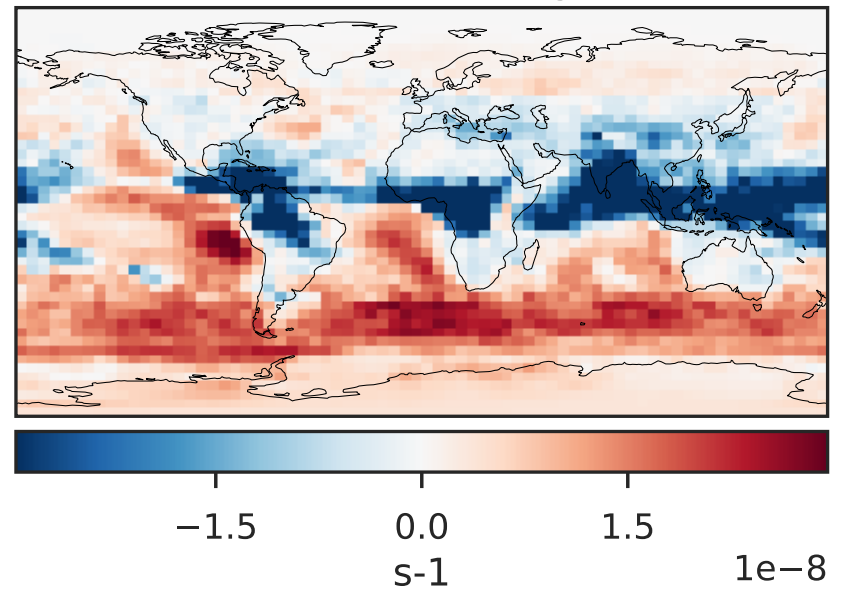
14.3.0-rc.0 (Dev)
4.0x5.0



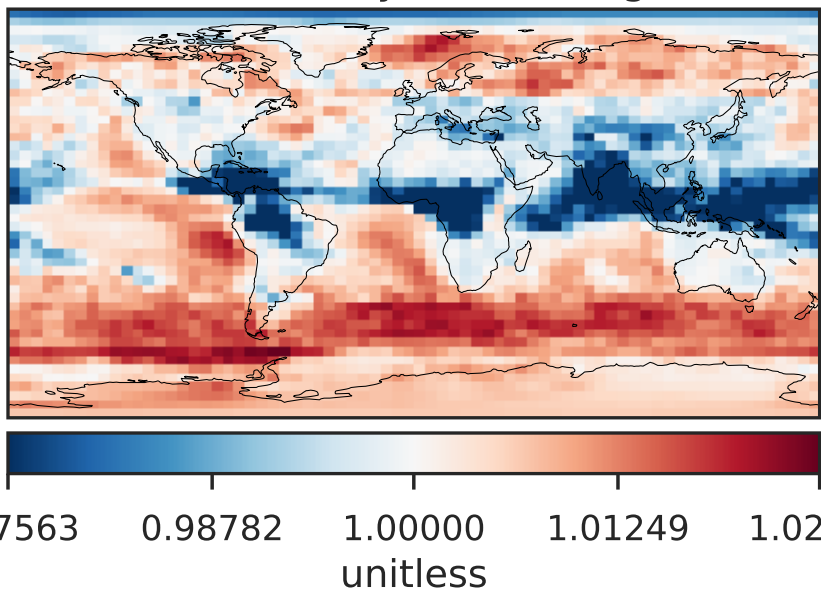
Difference
Dev - Ref, Dynamic Range



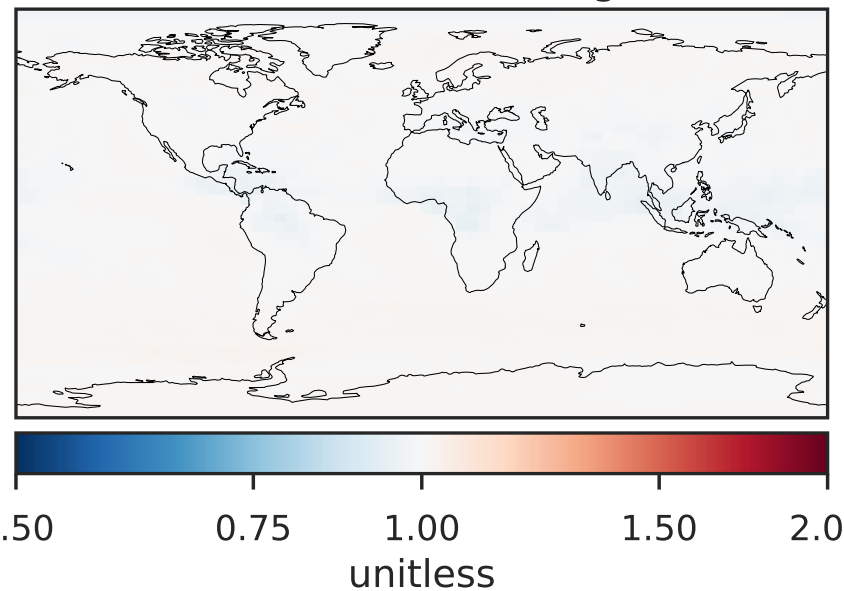
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

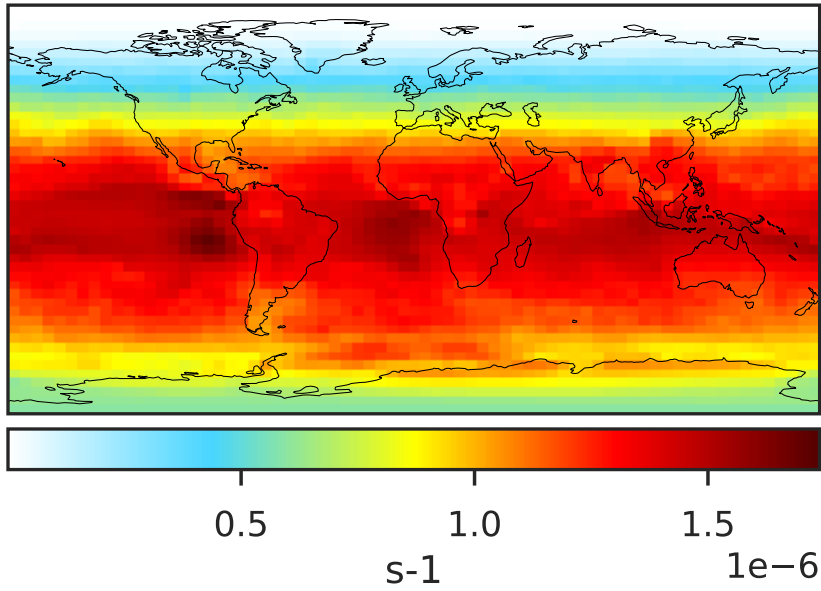


Ratio
Dev/Ref, Fixed Range

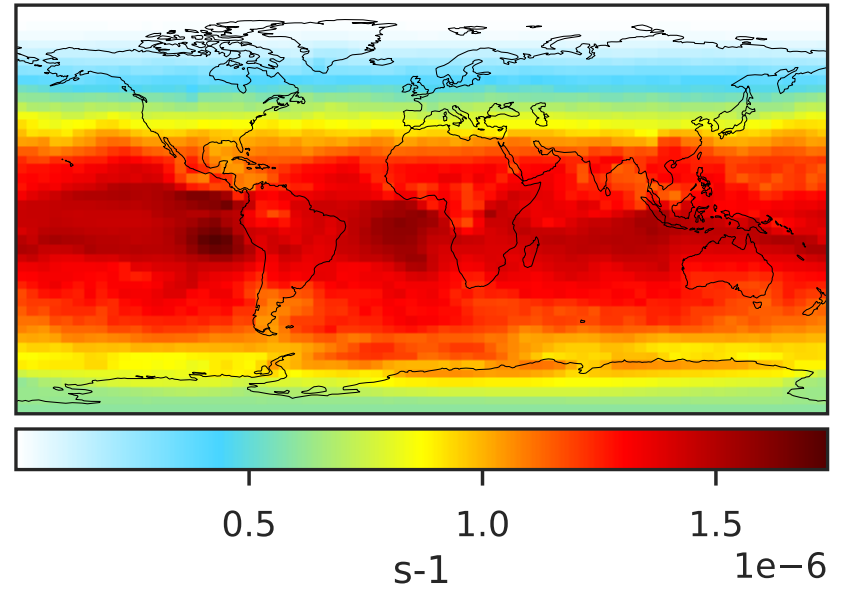


Jval_IHN4 (Oct2019)

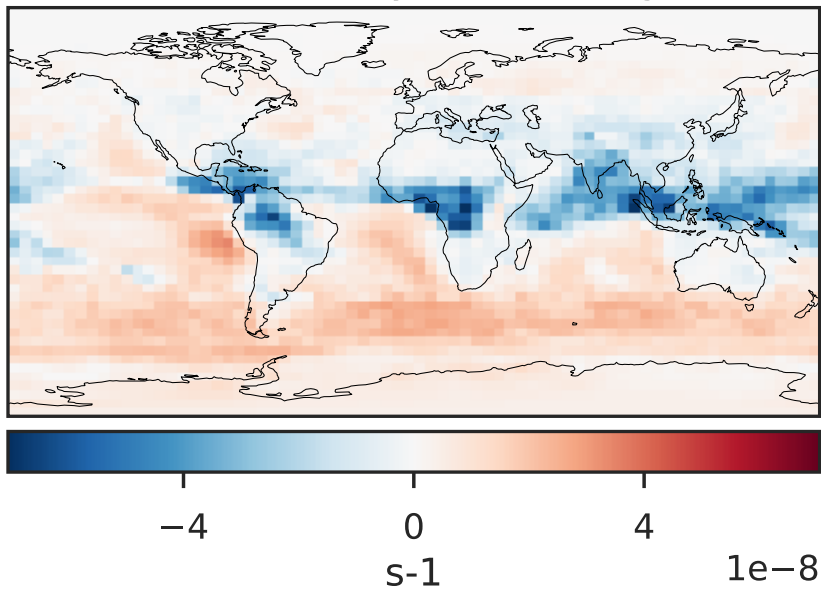
14.2.0-rc.2 (Ref)
4.0x5.0



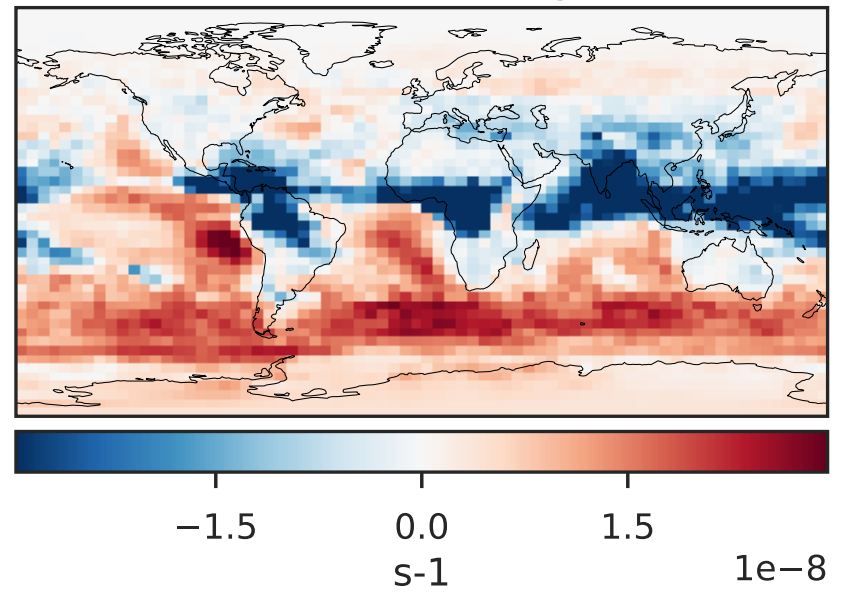
14.3.0-rc.0 (Dev)
4.0x5.0



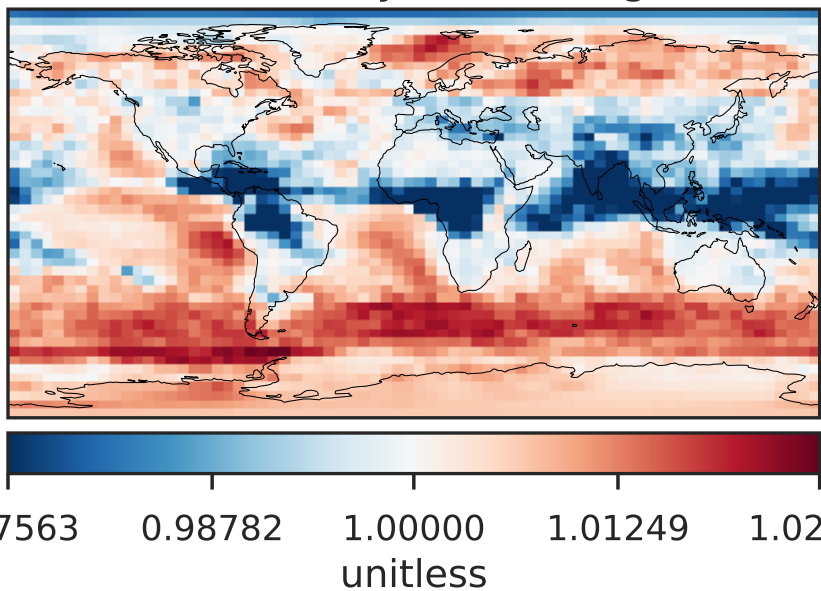
Difference
Dev - Ref, Dynamic Range



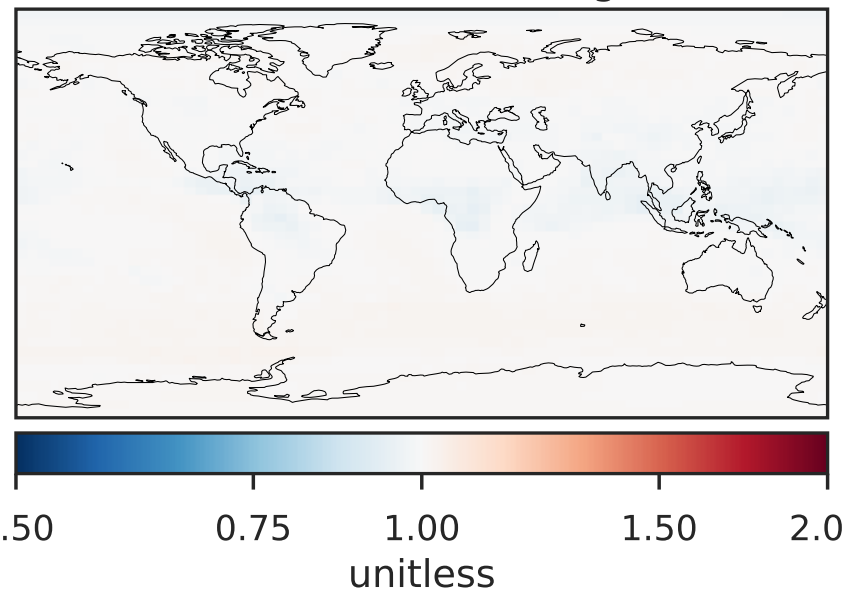
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

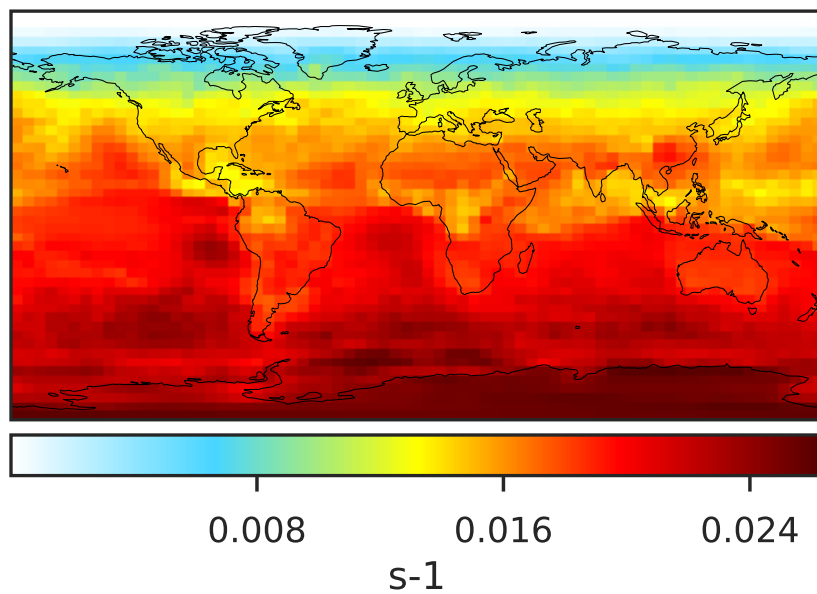


Ratio
Dev/Ref, Fixed Range

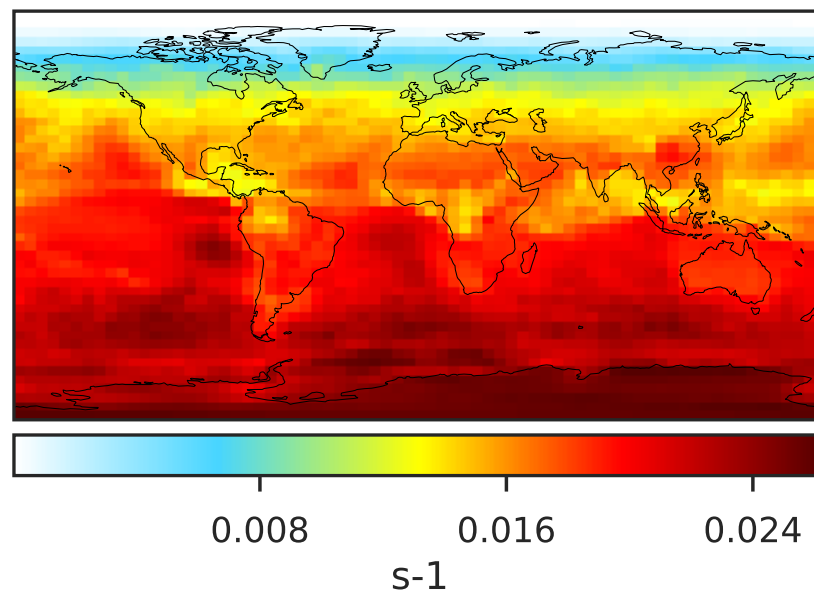


Jval_INO (Oct2019)

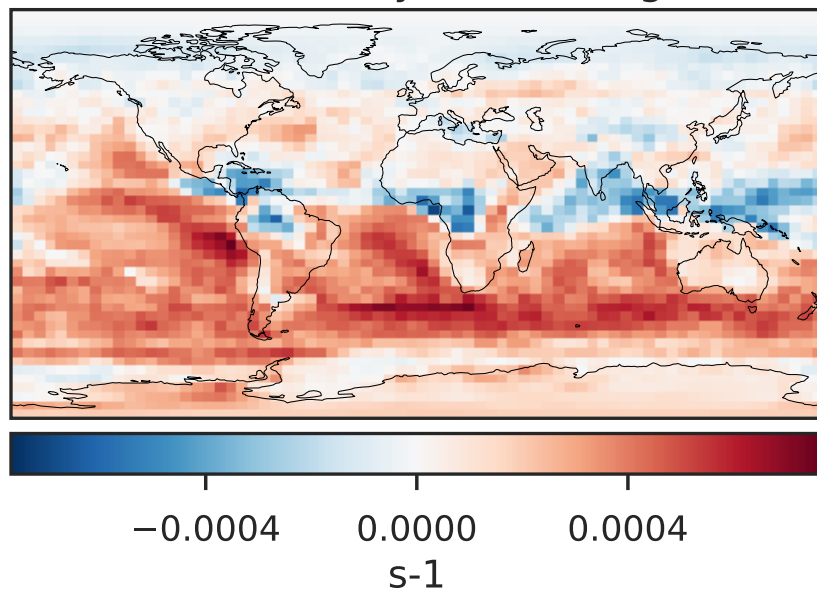
14.2.0-rc.2 (Ref)
4.0x5.0



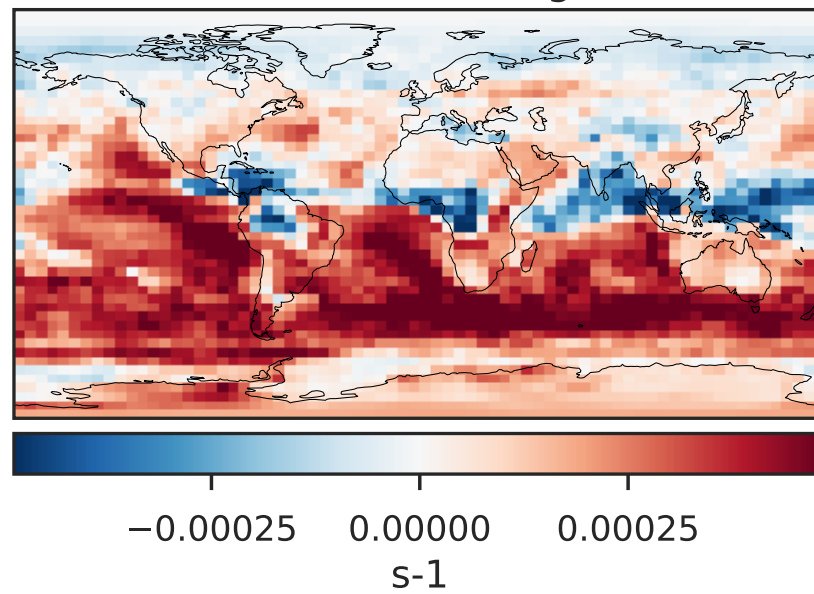
14.3.0-rc.0 (Dev)
4.0x5.0



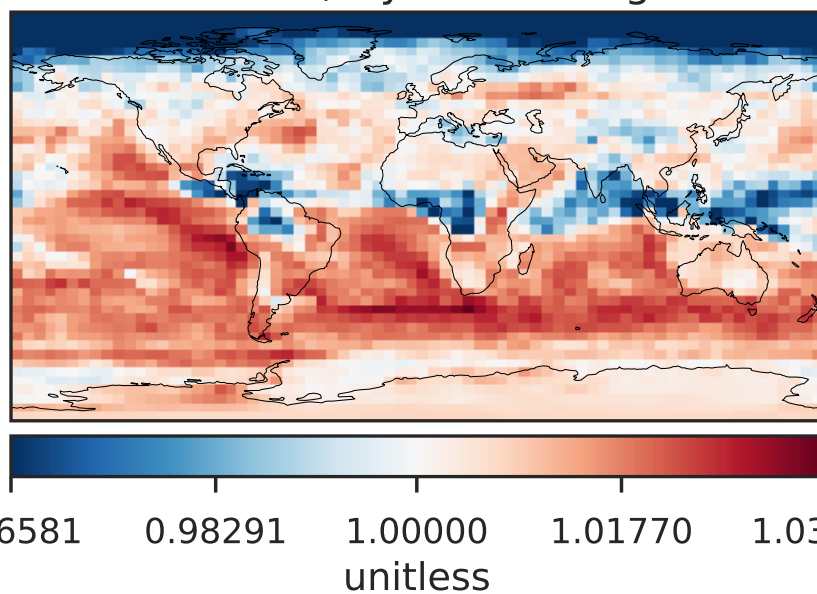
Difference
Dev - Ref, Dynamic Range



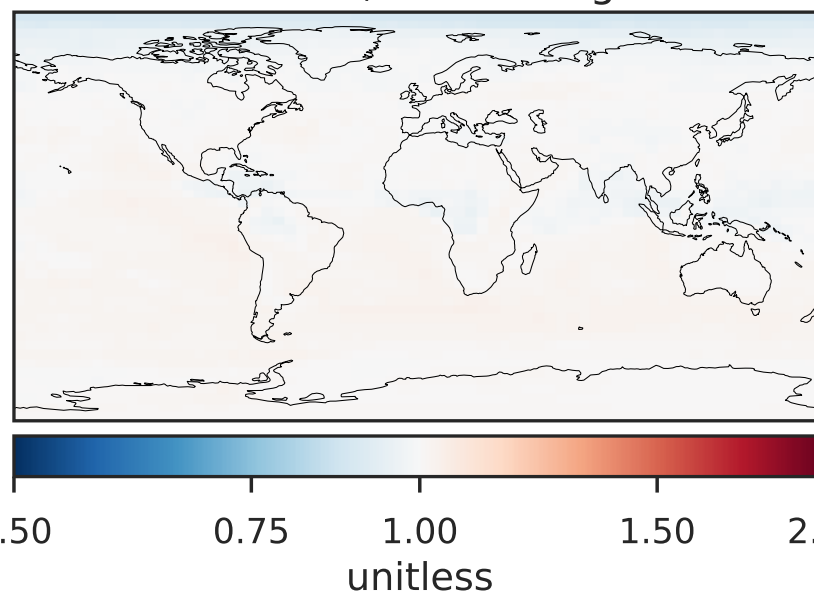
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

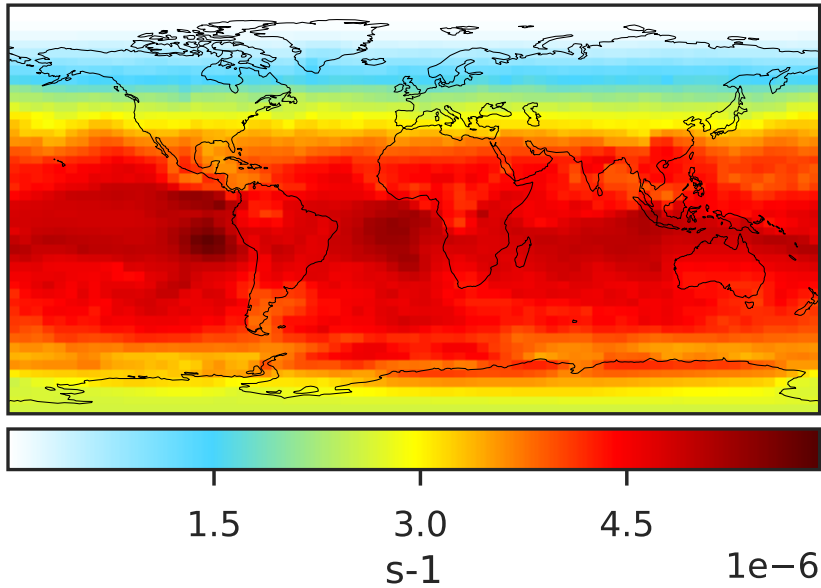


Ratio
Dev/Ref, Fixed Range

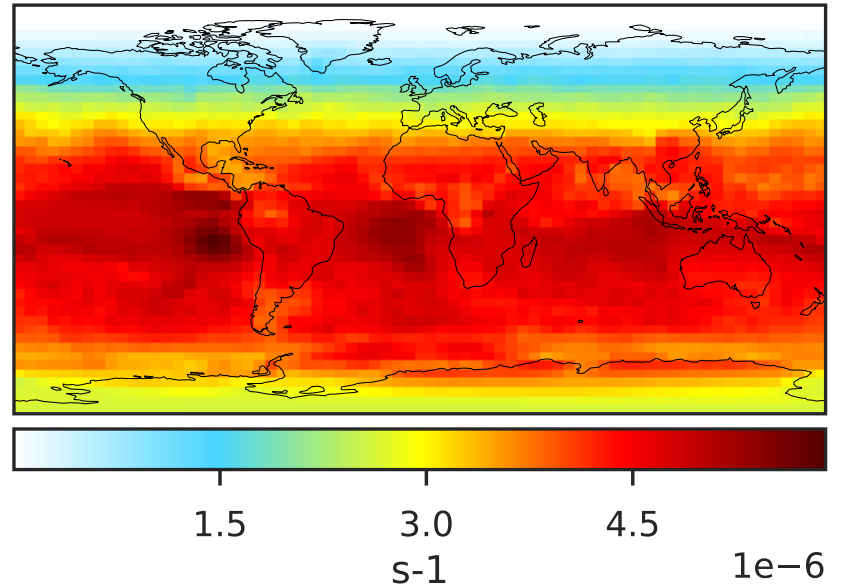


Jval_INPB (Oct2019)

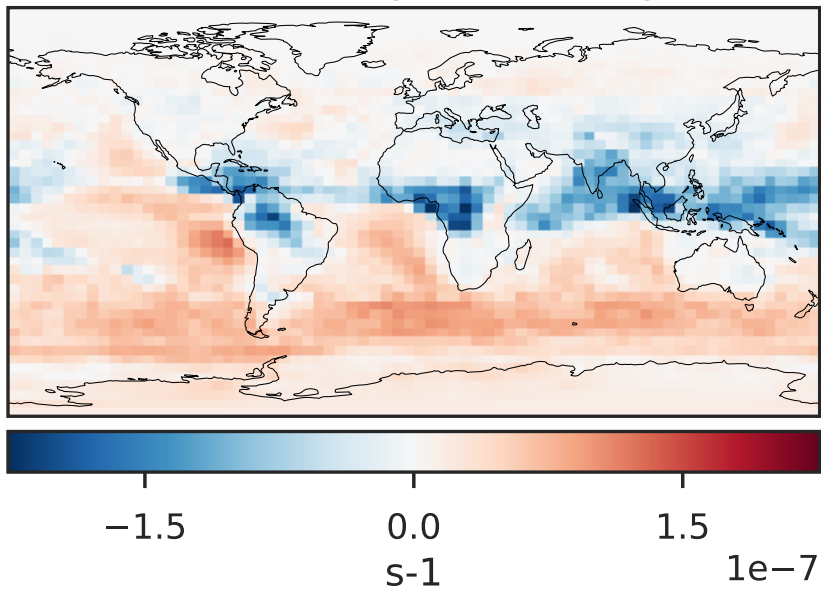
14.2.0-rc.2 (Ref)
4.0x5.0



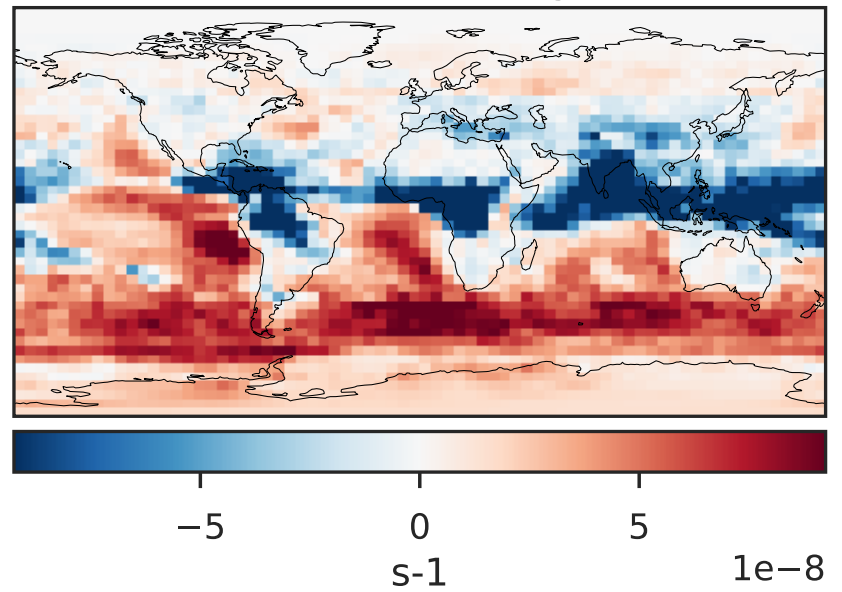
14.3.0-rc.0 (Dev)
4.0x5.0



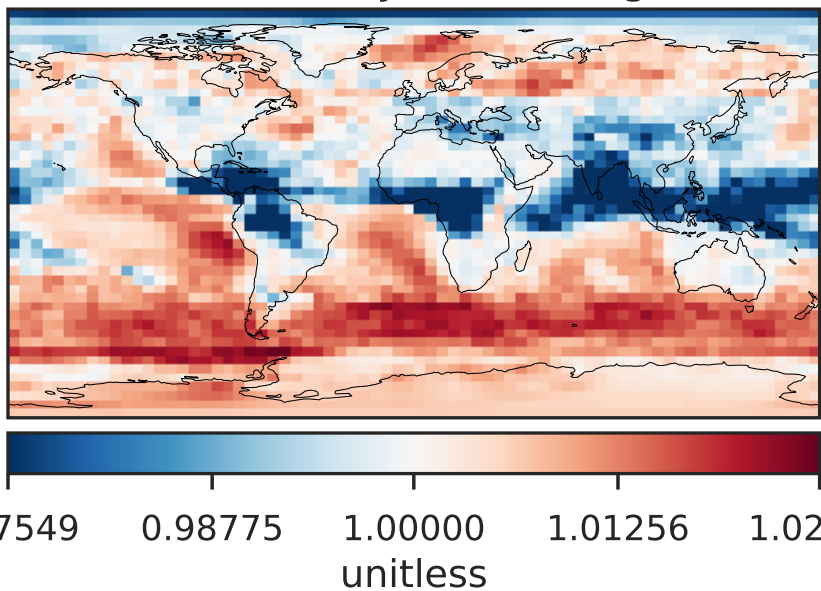
Difference
Dev - Ref, Dynamic Range



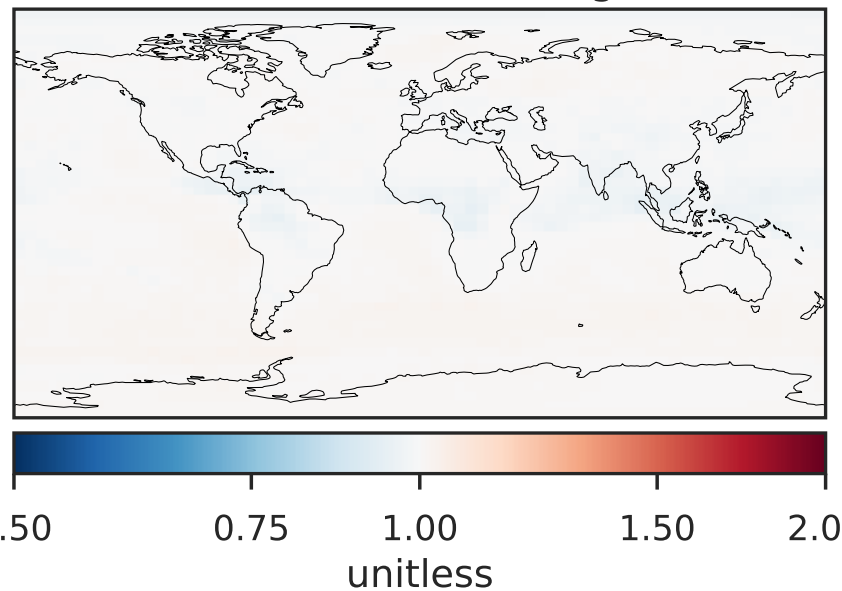
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

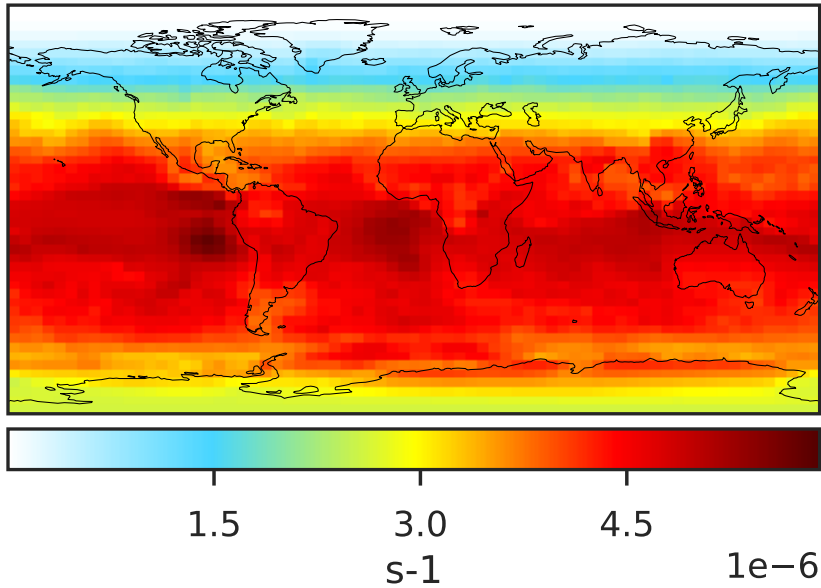


Ratio
Dev/Ref, Fixed Range

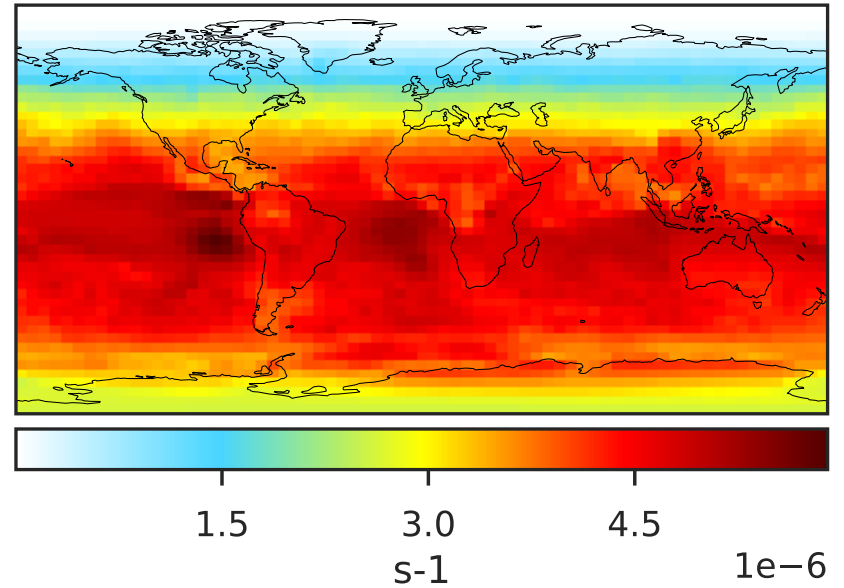


Jval_INPD (Oct2019)

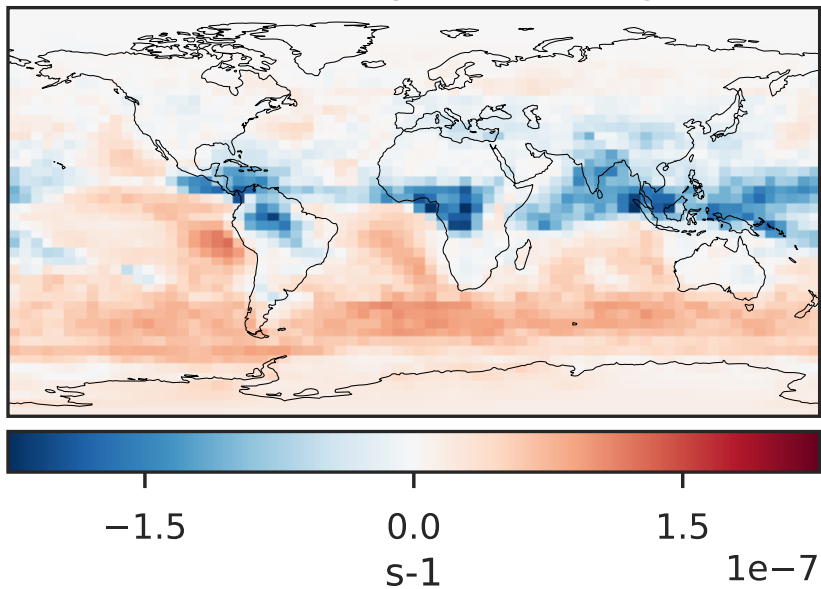
14.2.0-rc.2 (Ref)
4.0x5.0



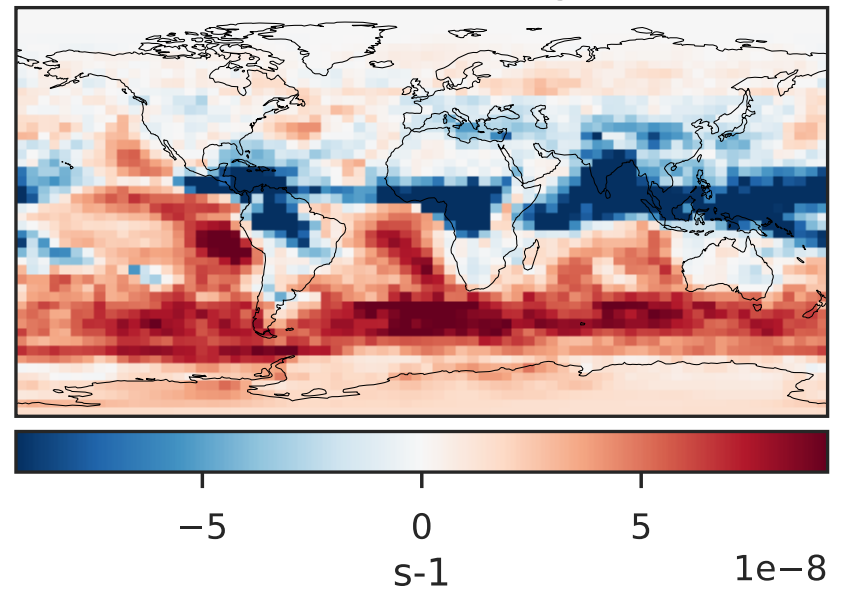
14.3.0-rc.0 (Dev)
4.0x5.0



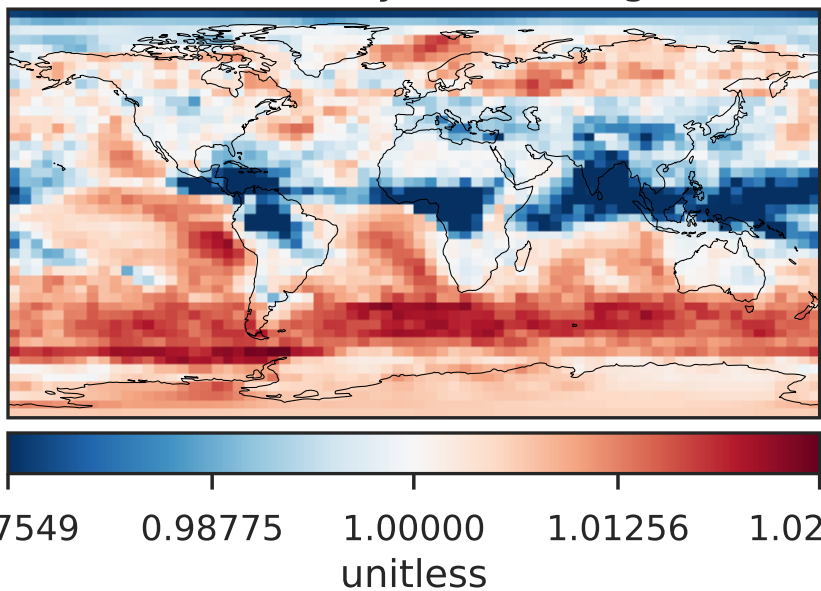
Difference
Dev - Ref, Dynamic Range



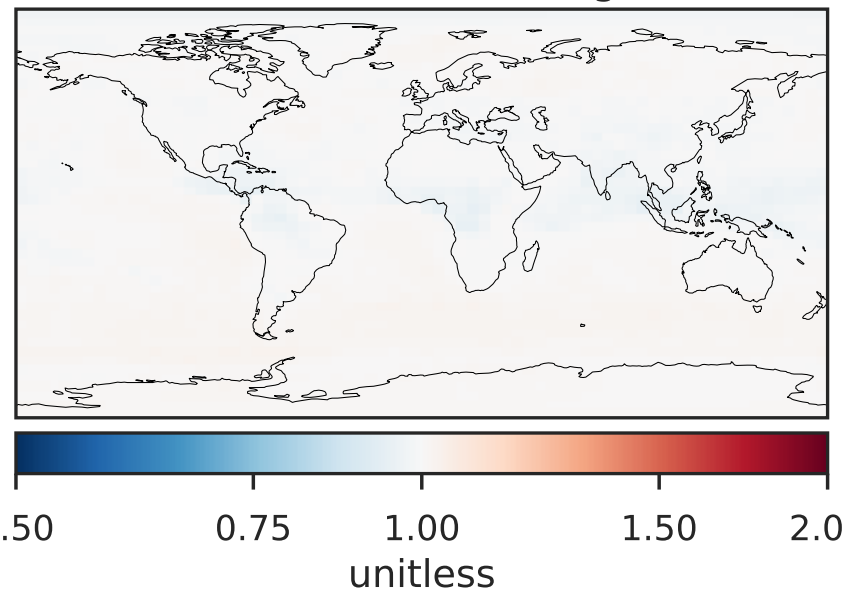
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

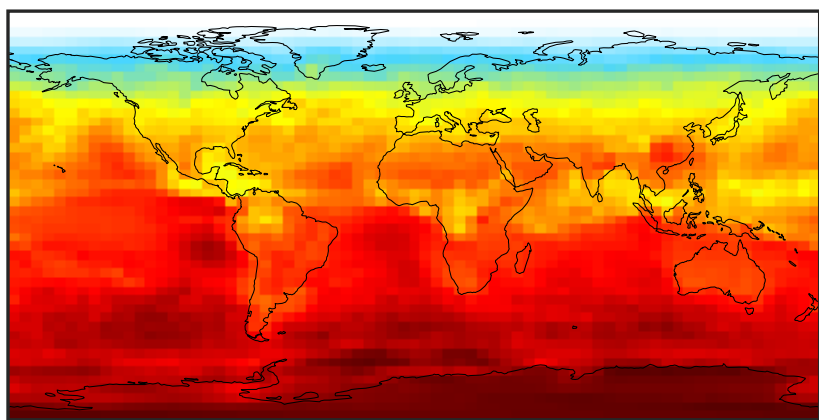


Ratio
Dev/Ref, Fixed Range



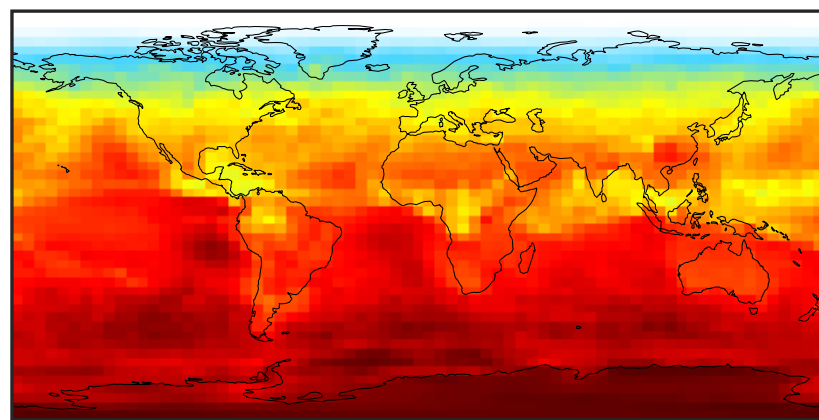
Jval_IO (Oct2019)

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



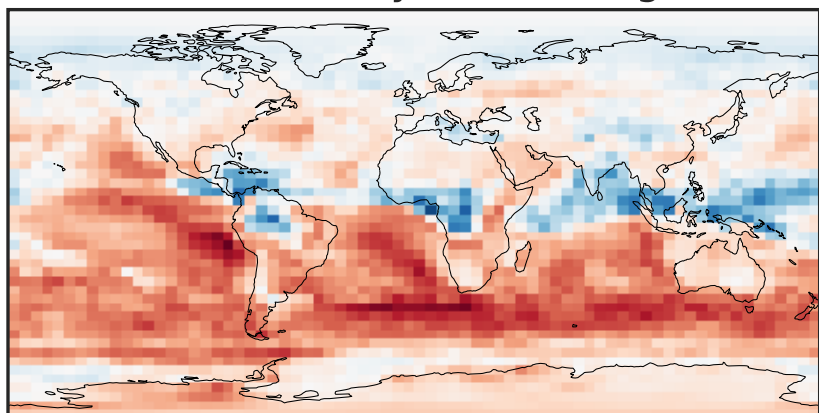
0.0001 0.0411 0.0821 0.1230 0.1640
s-1

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



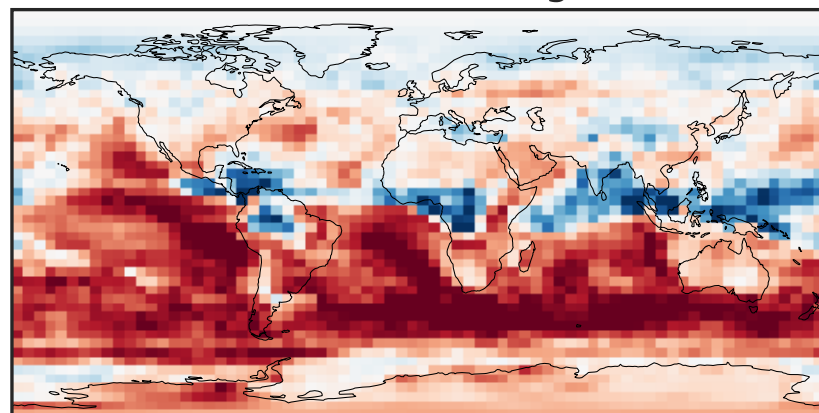
0.0001 0.0411 0.0821 0.1230 0.1640
s-1

Difference
Dev - Ref, Dynamic Range



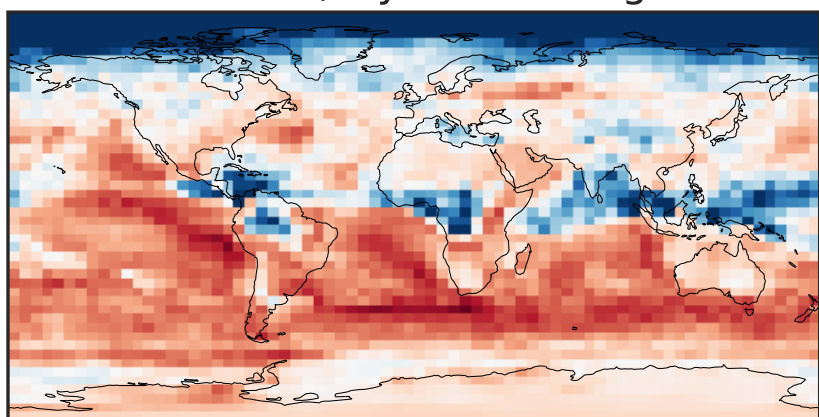
-0.0025 0.0000 0.0025
s-1

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



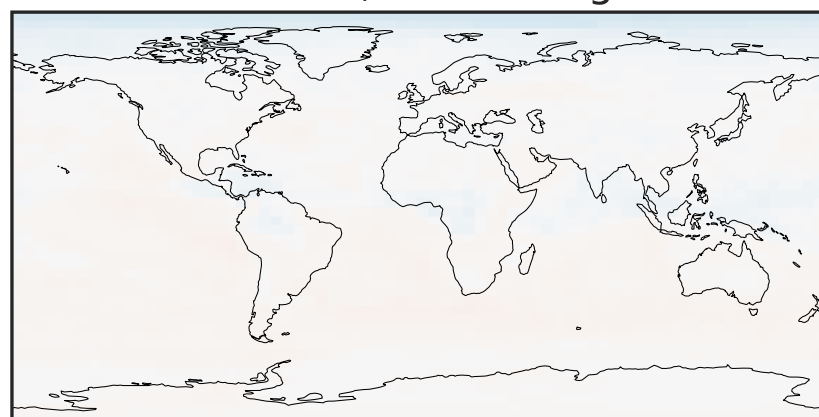
-0.002 0.000 0.002
s-1

Ratio
Dev/Ref, Dynamic Range



0.96560 0.98280 1.00000 1.01781 1.03563
unitless

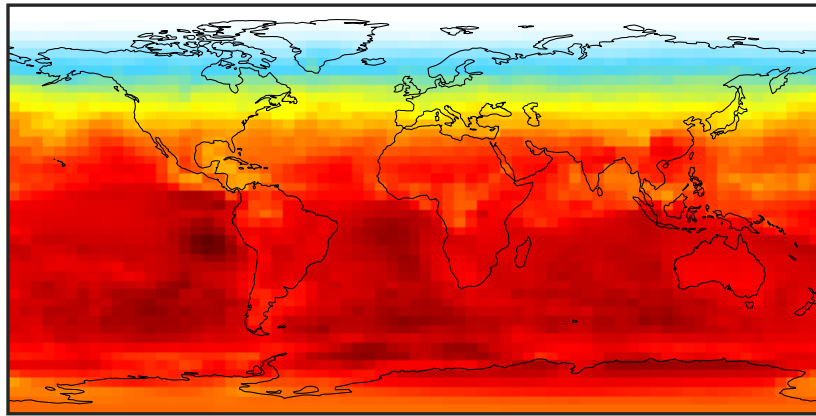
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

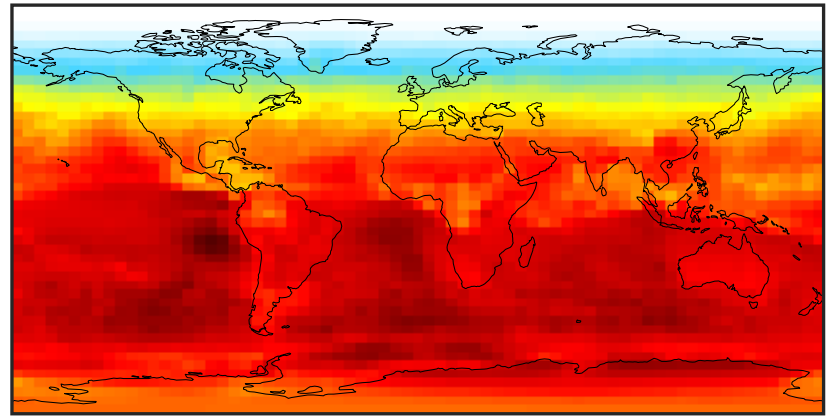
Jval_IONO (Oct2019)

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



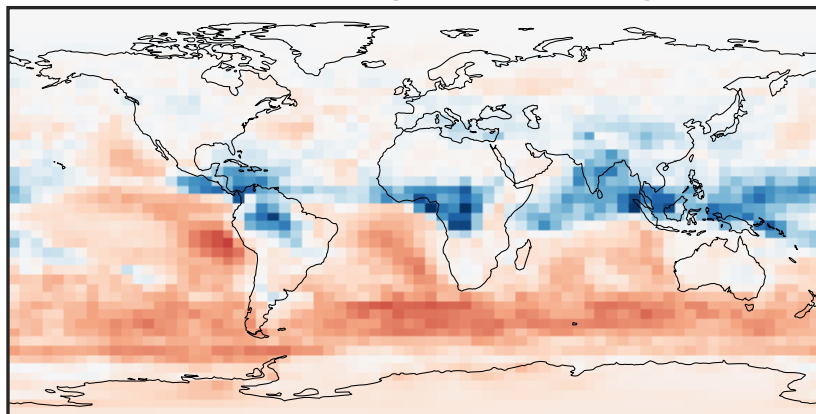
0.0006 0.0012 0.0018
s-1

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



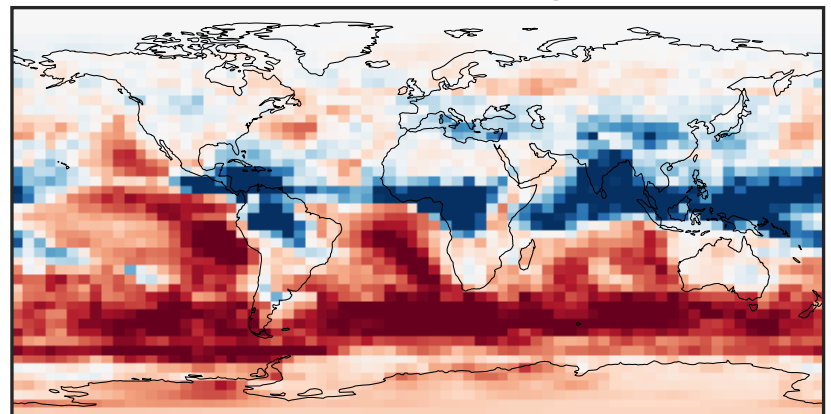
0.0006 0.0012 0.0018
s-1

Difference
Dev - Ref, Dynamic Range



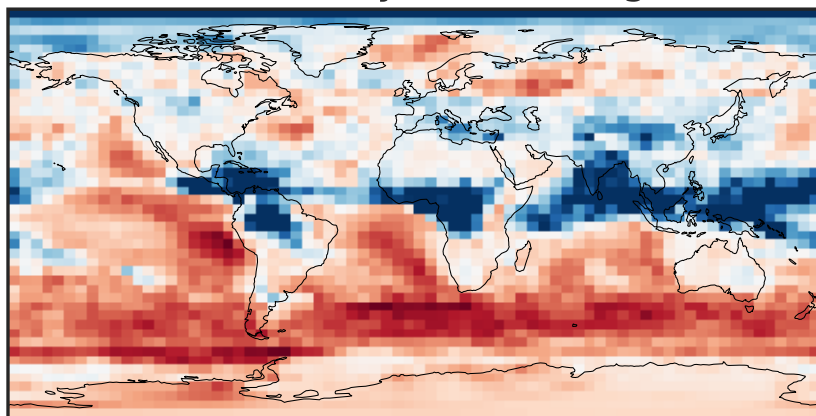
-4 0 4
s-1 1e-5

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



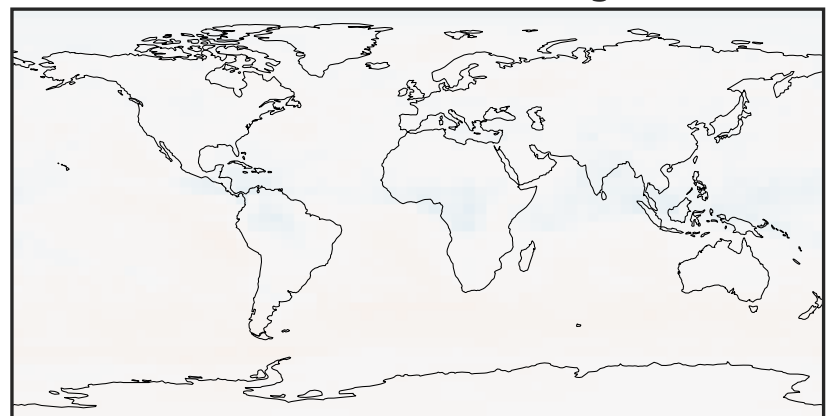
-2 0 2
s-1 1e-5

Ratio
Dev/Ref, Dynamic Range



0.97500 0.98750 1.00000 1.01282 1.02564
unitless

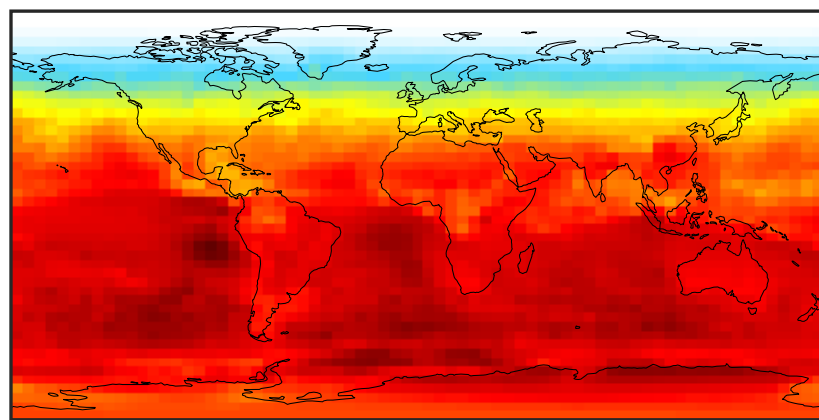
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

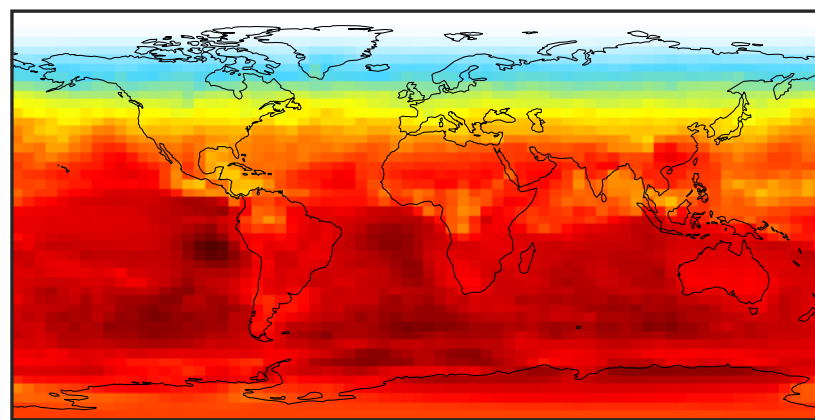
Jval_IONO2 (Oct2019)

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



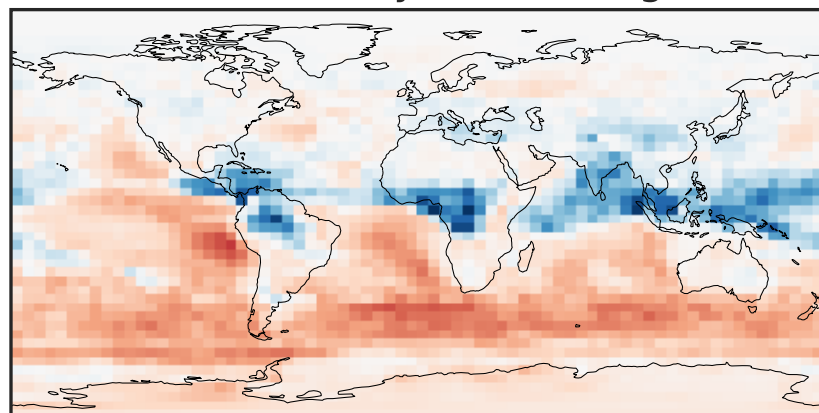
0.002 0.004 0.006
s-1

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



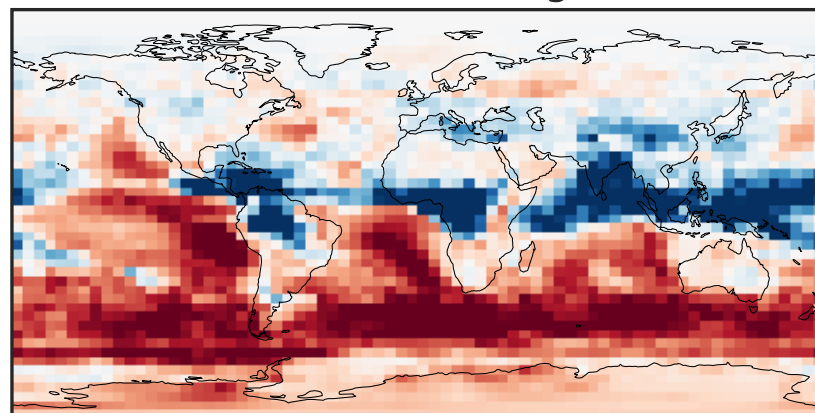
0.002 0.004 0.006
s-1

Difference
Dev - Ref, Dynamic Range



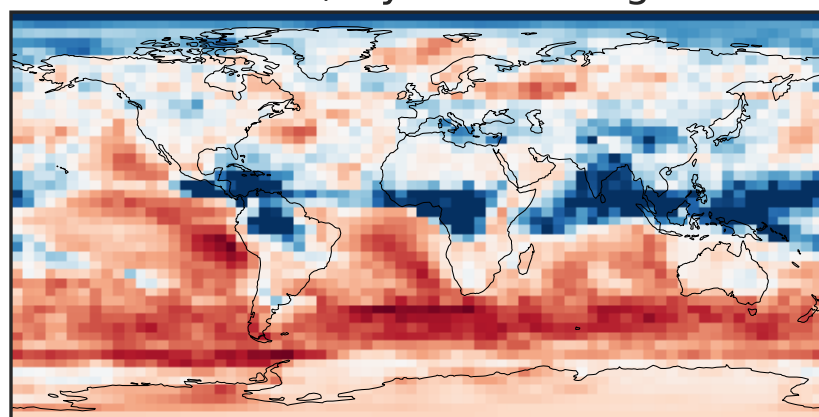
-0.00015 0.00000 0.00015
s-1

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



-6 0 6
s-1 1e-5

Ratio
Dev/Ref, Dynamic Range



0.97484 0.98742 1.00000 1.01290 1.02581
unitless

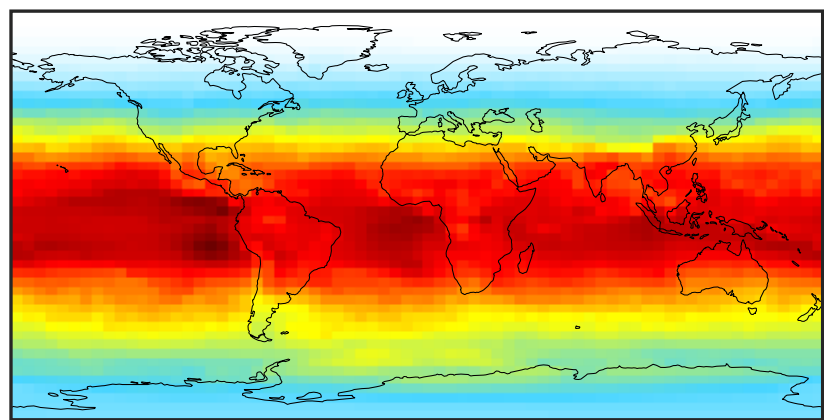
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

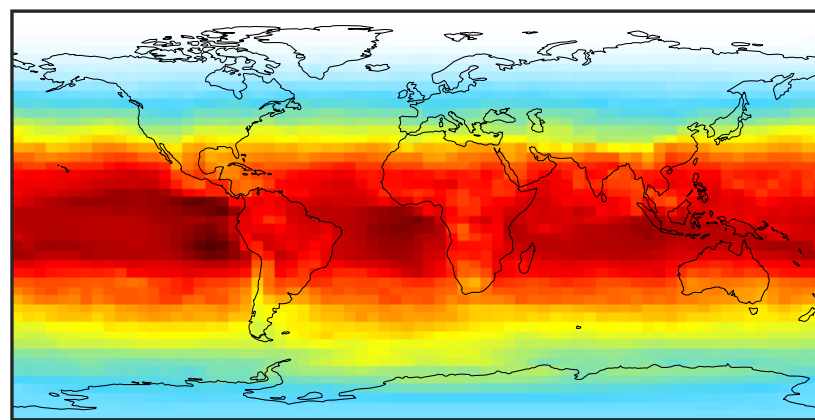
Jval_IPRNO3 (Oct2019)

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



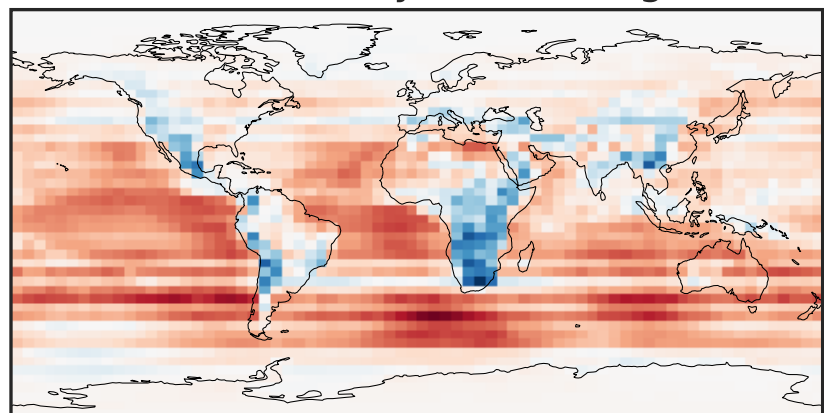
0.4 0.8 1.2
s-1 $1e-6$

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



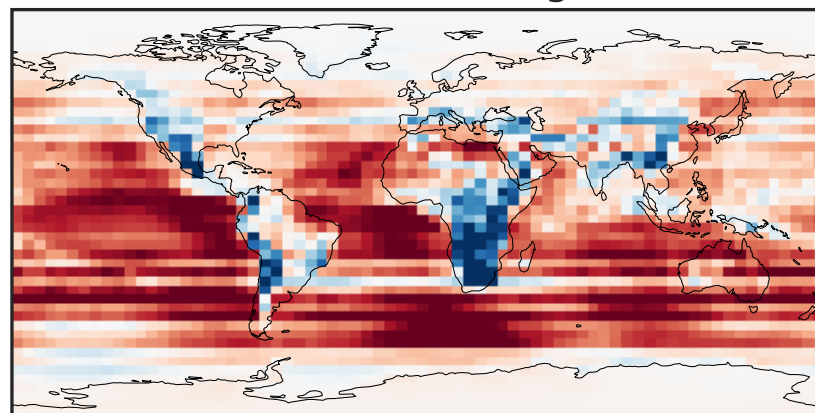
0.4 0.8 1.2
s-1 $1e-6$

Difference
Dev - Ref, Dynamic Range



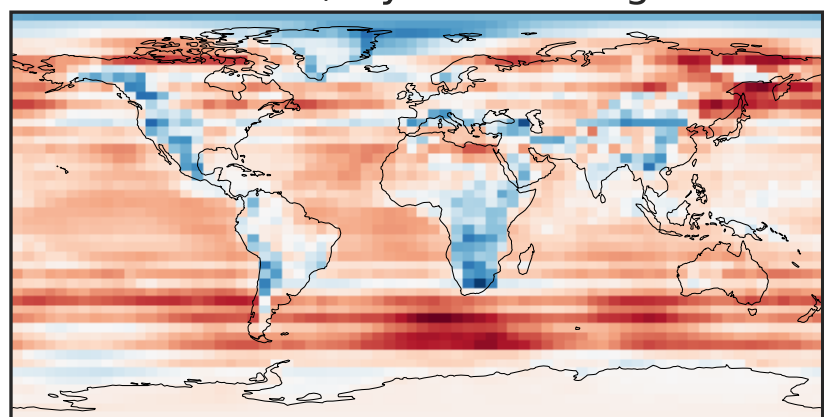
-6 0 6
s-1 $1e-8$

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



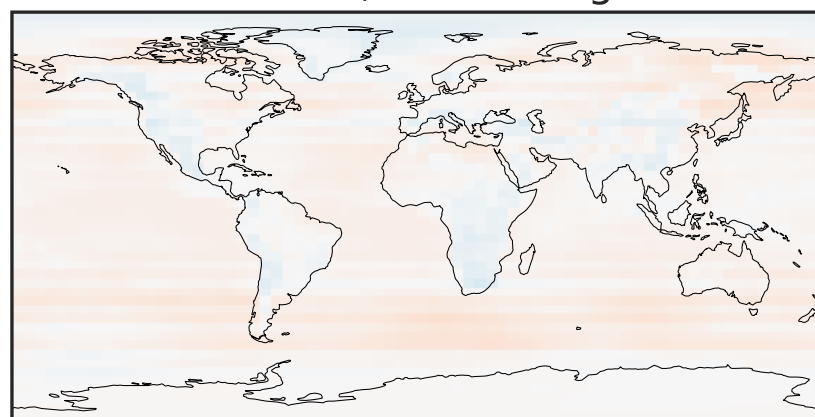
-3 0 3
s-1 $1e-8$

Ratio
Dev/Ref, Dynamic Range



0.8950 0.9475 1.0000 1.0586 1.1173
unitless

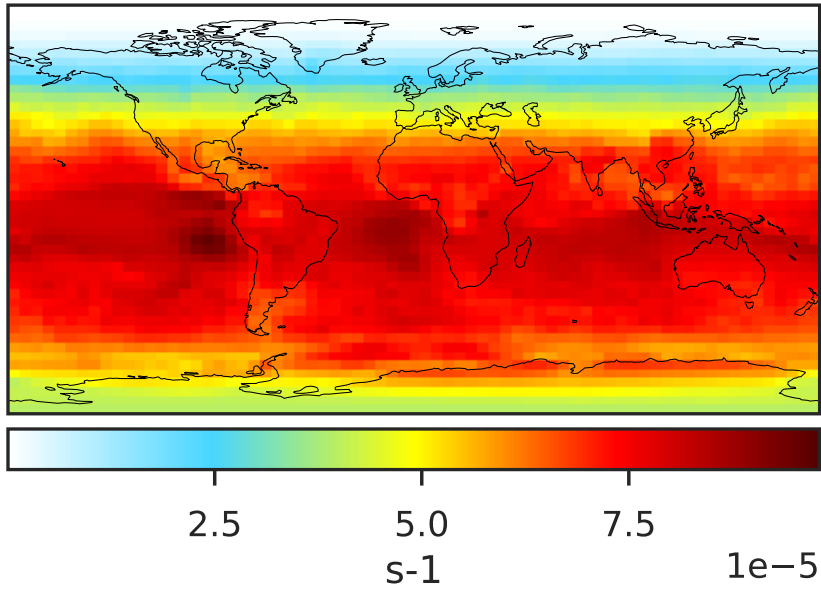
Ratio
Dev/Ref, Fixed Range



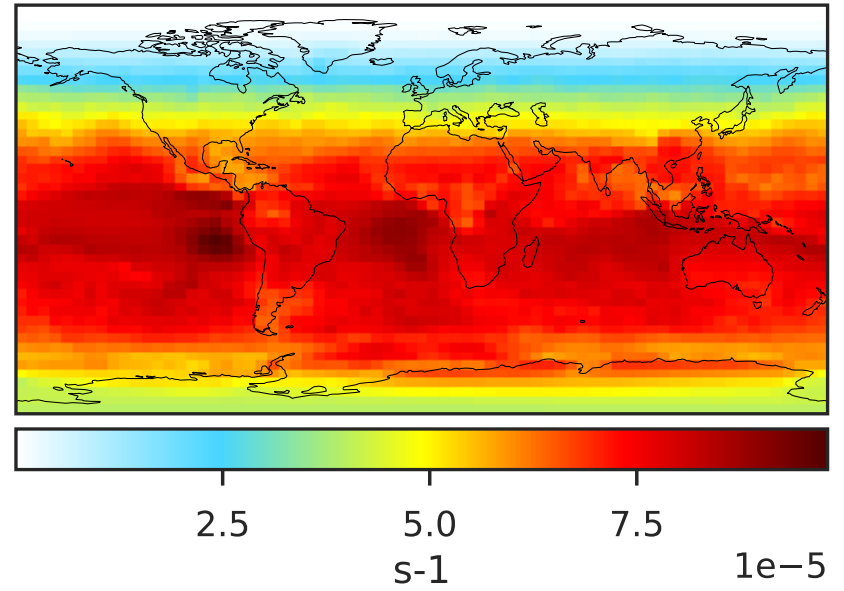
0.50 0.75 1.00 1.50 2.00
unitless

Jval_ITCN (Oct2019)

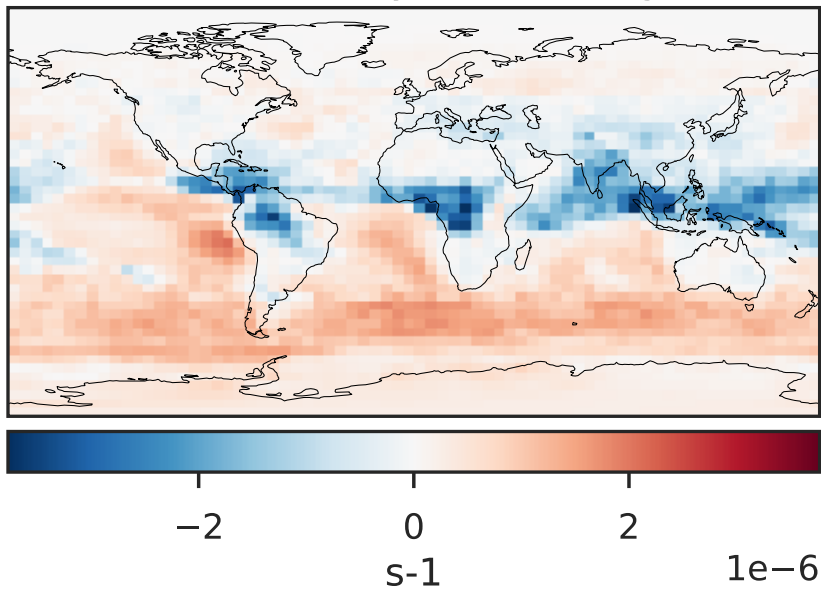
14.2.0-rc.2 (Ref)
4.0x5.0



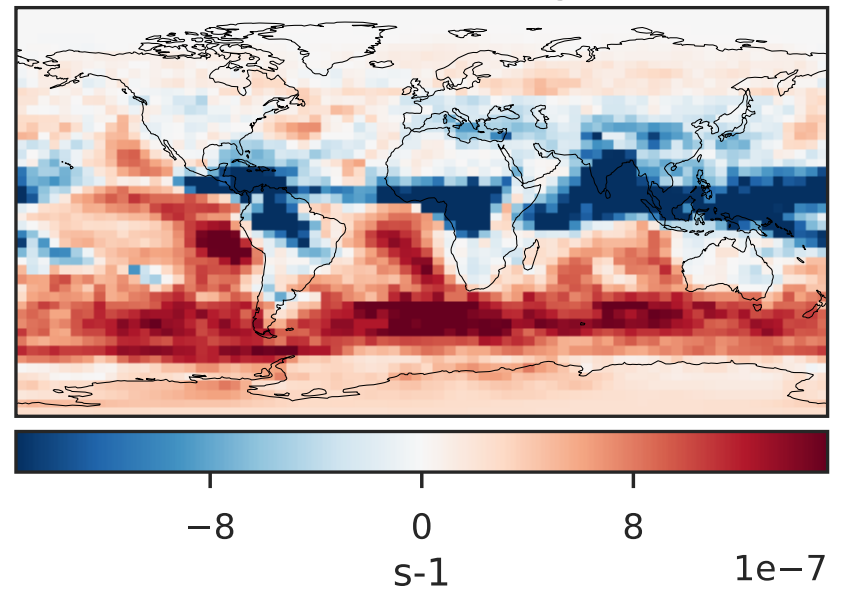
14.3.0-rc.0 (Dev)
4.0x5.0



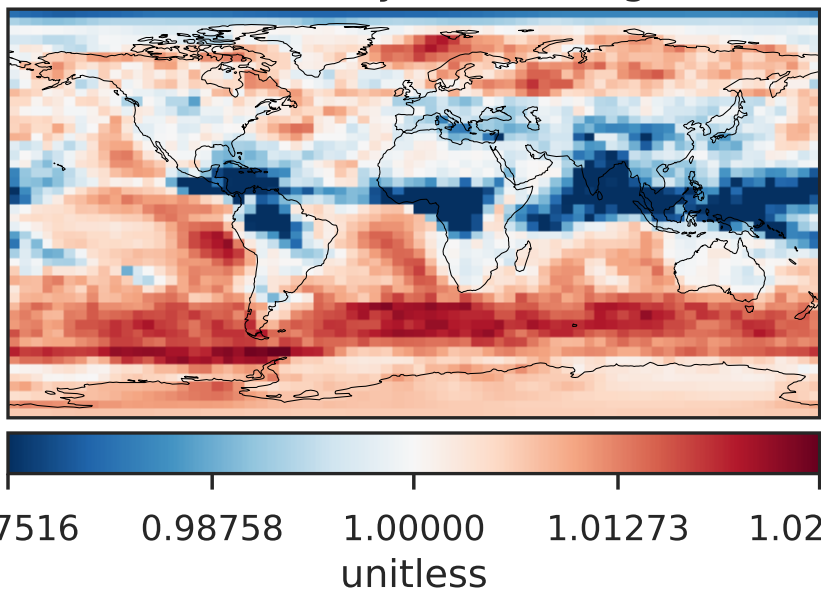
Difference
Dev - Ref, Dynamic Range



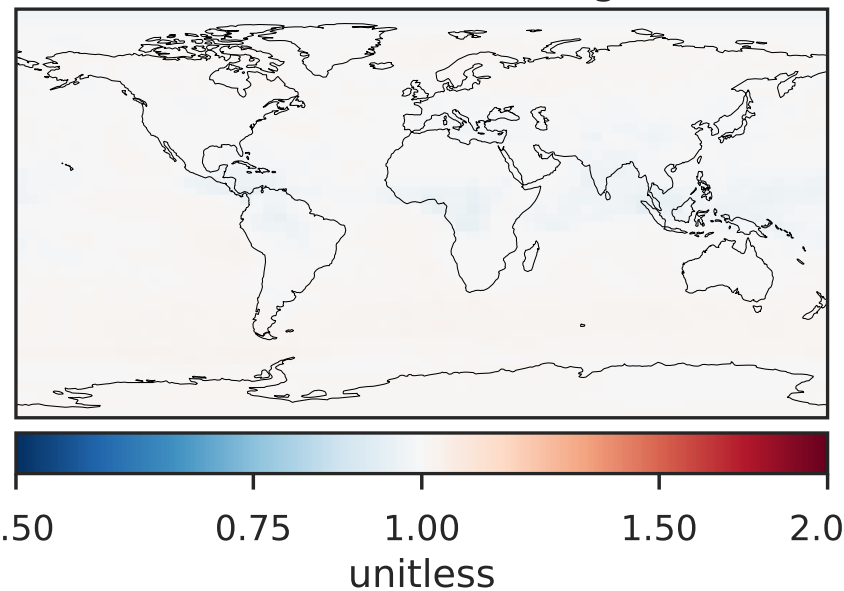
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

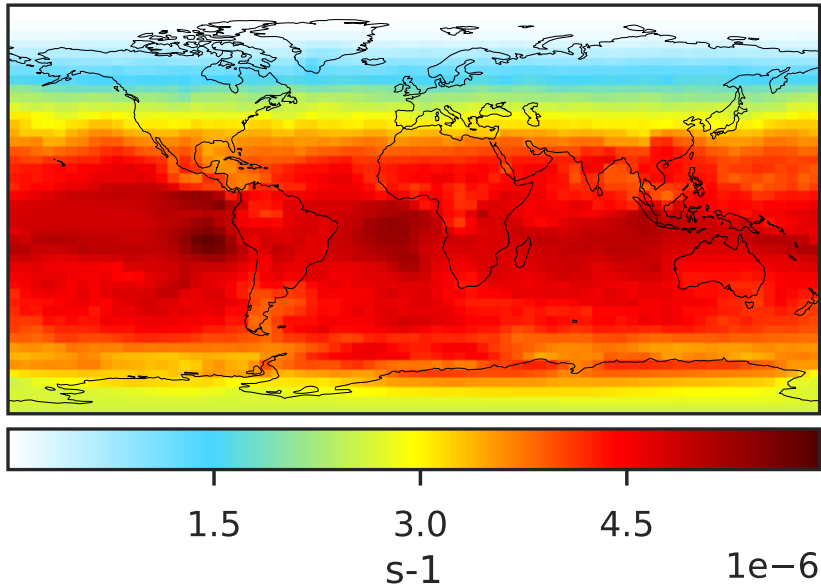


Ratio
Dev/Ref, Fixed Range

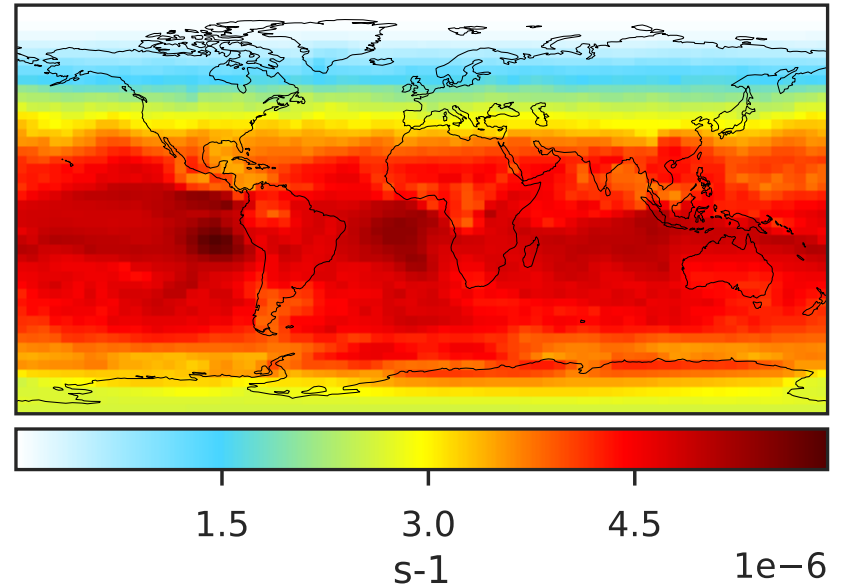


Jval_ITHN (Oct2019)

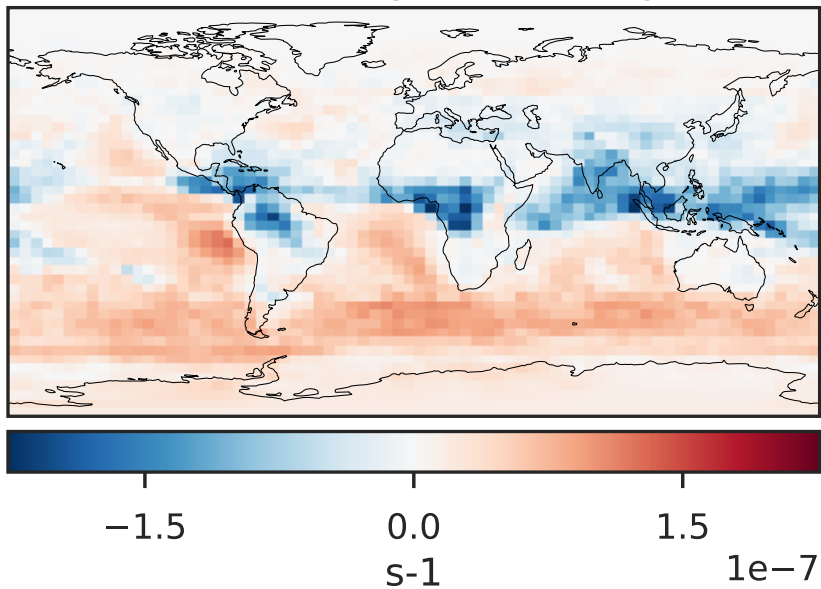
14.2.0-rc.2 (Ref)
4.0x5.0



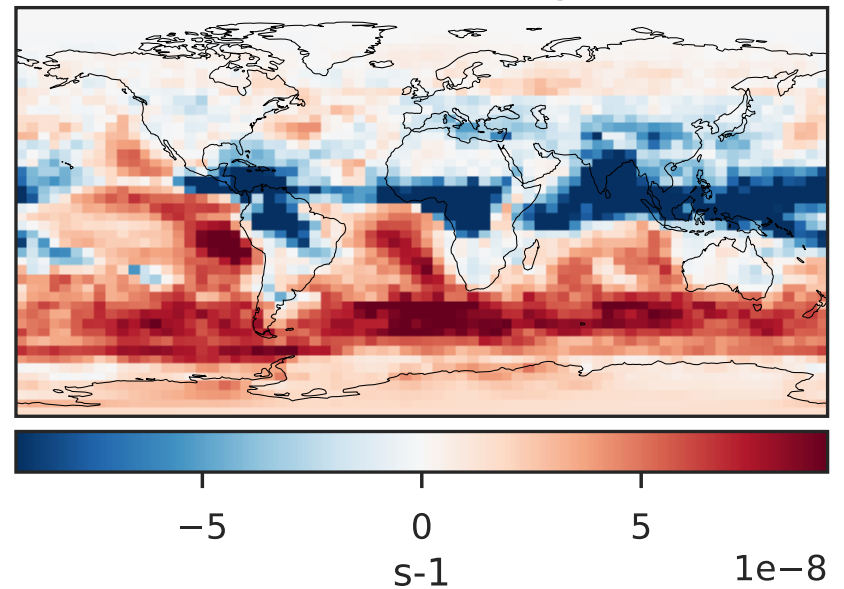
14.3.0-rc.0 (Dev)
4.0x5.0



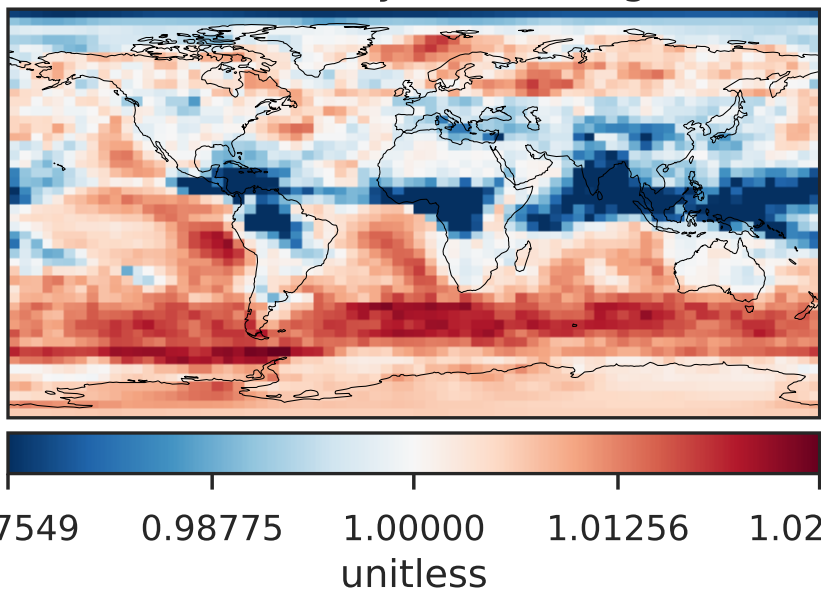
Difference
Dev - Ref, Dynamic Range



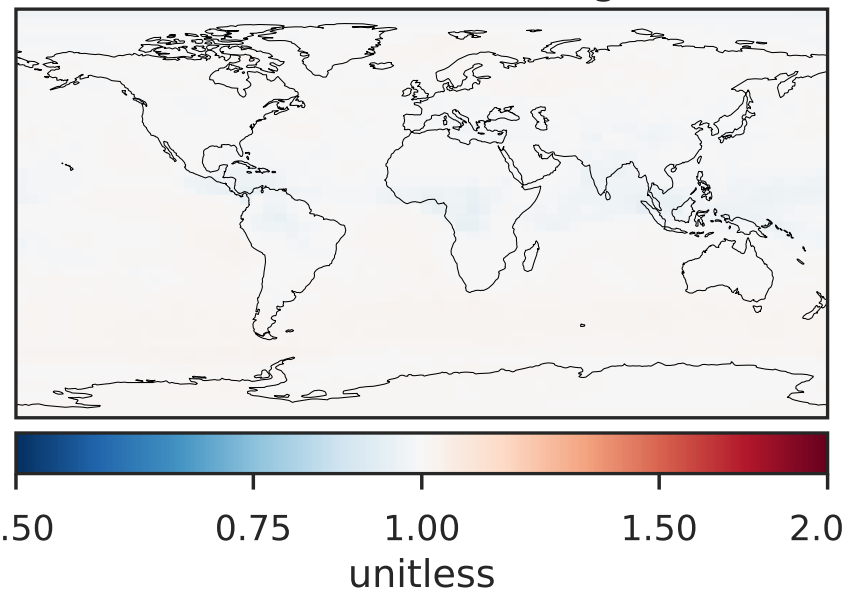
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

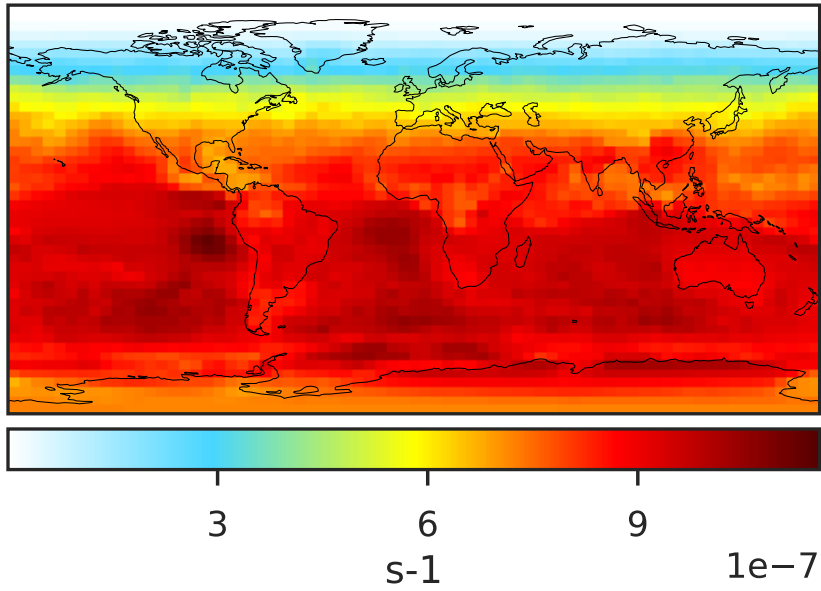


Ratio
Dev/Ref, Fixed Range

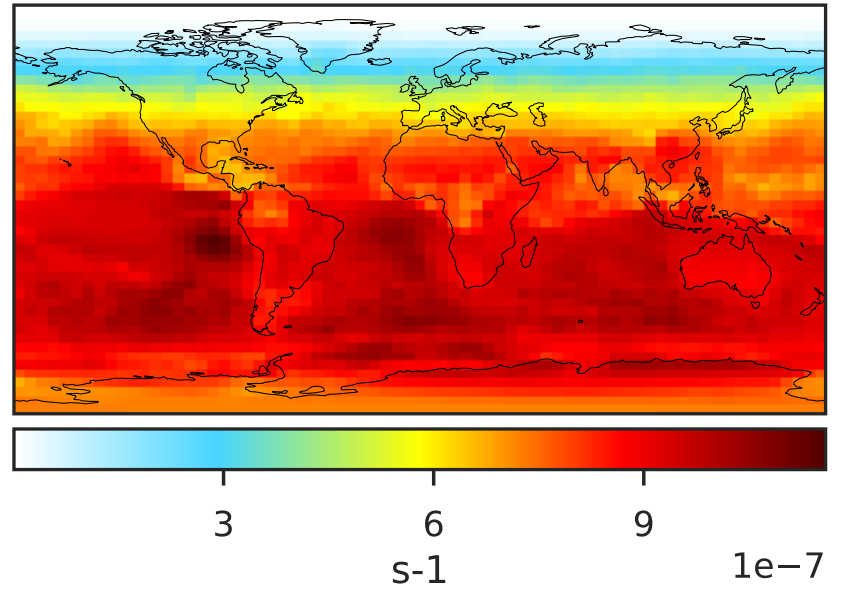


Jval_MACR (Oct2019)

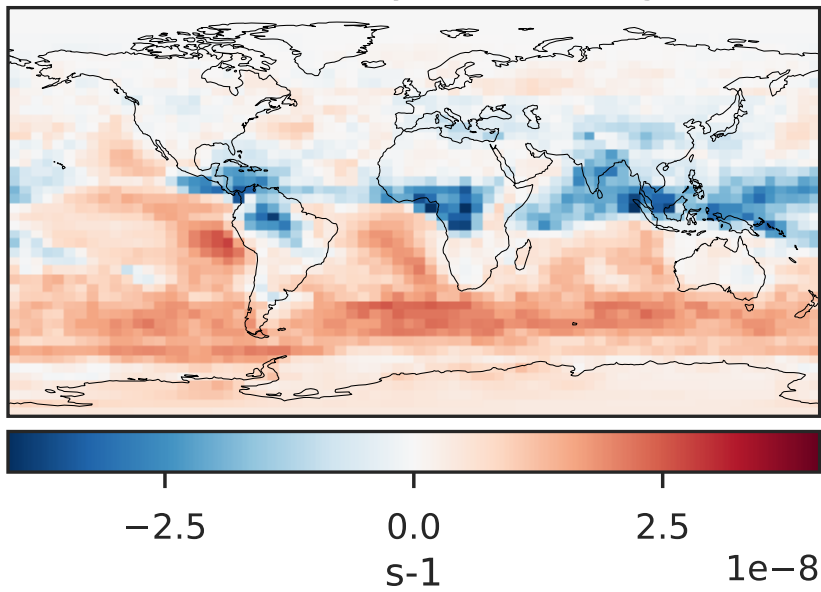
14.2.0-rc.2 (Ref)
4.0x5.0



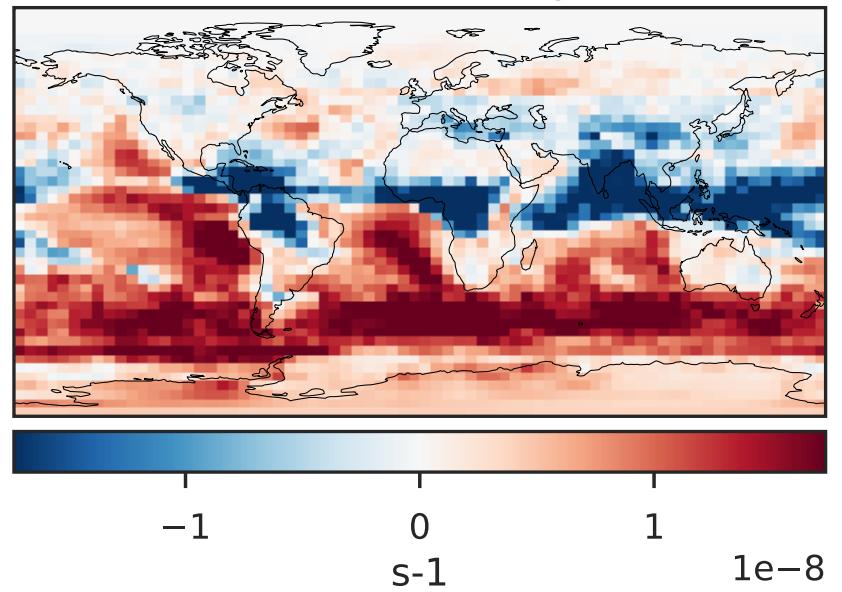
14.3.0-rc.0 (Dev)
4.0x5.0



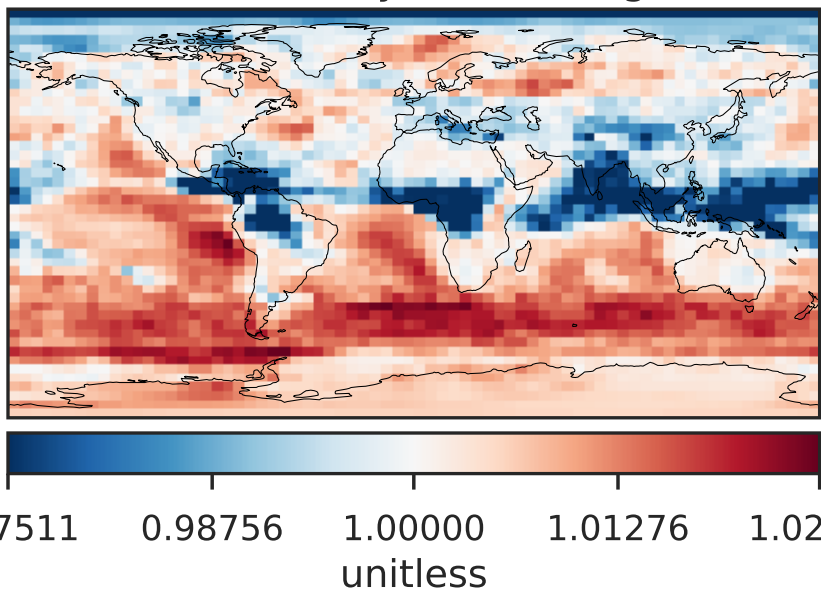
Difference
Dev - Ref, Dynamic Range



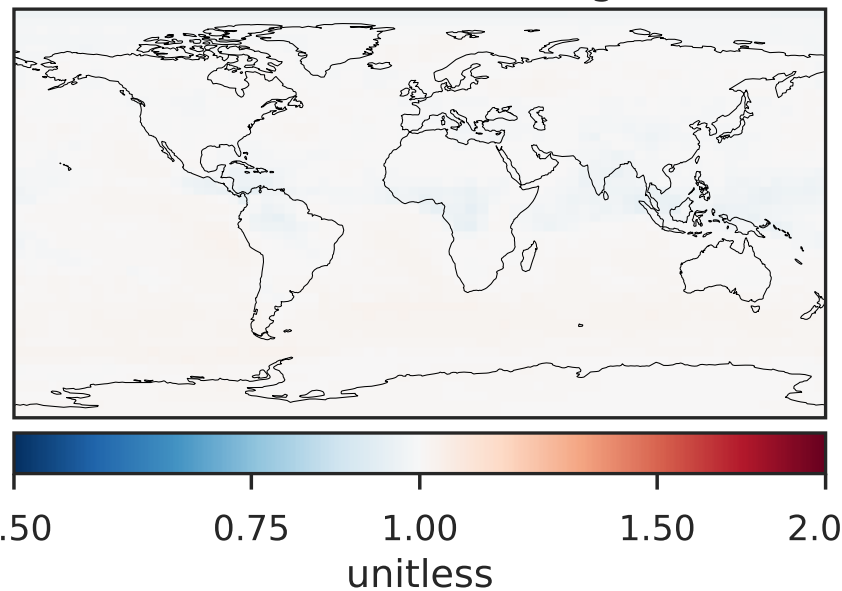
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

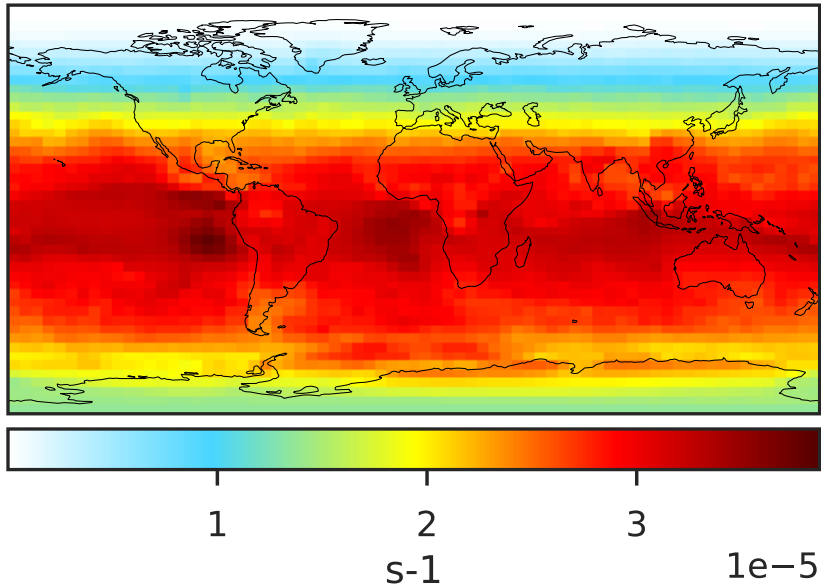


Ratio
Dev/Ref, Fixed Range

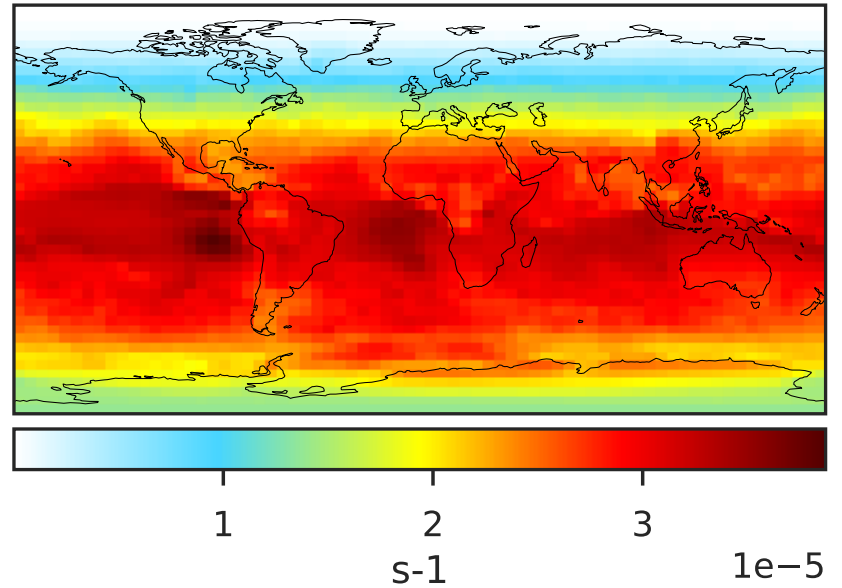


Jval_MACR100H (Oct2019)

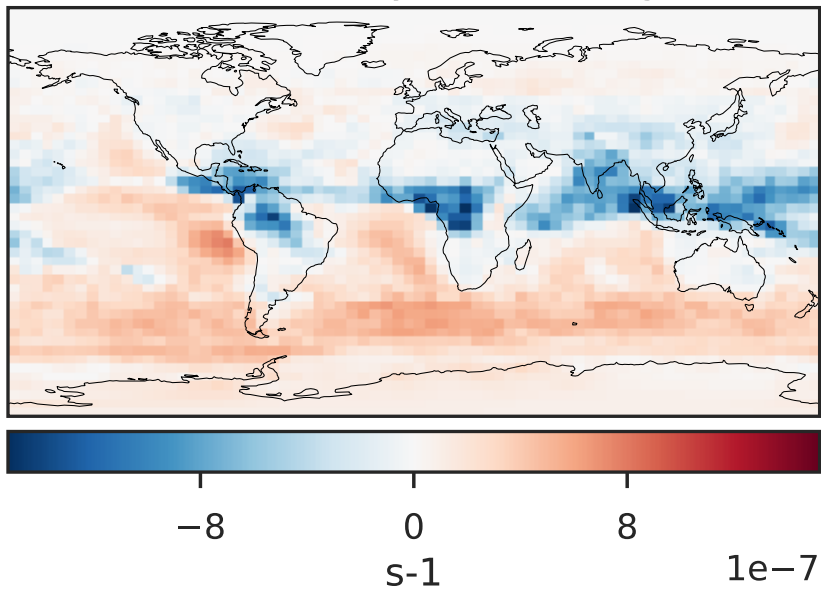
14.2.0-rc.2 (Ref)
4.0x5.0



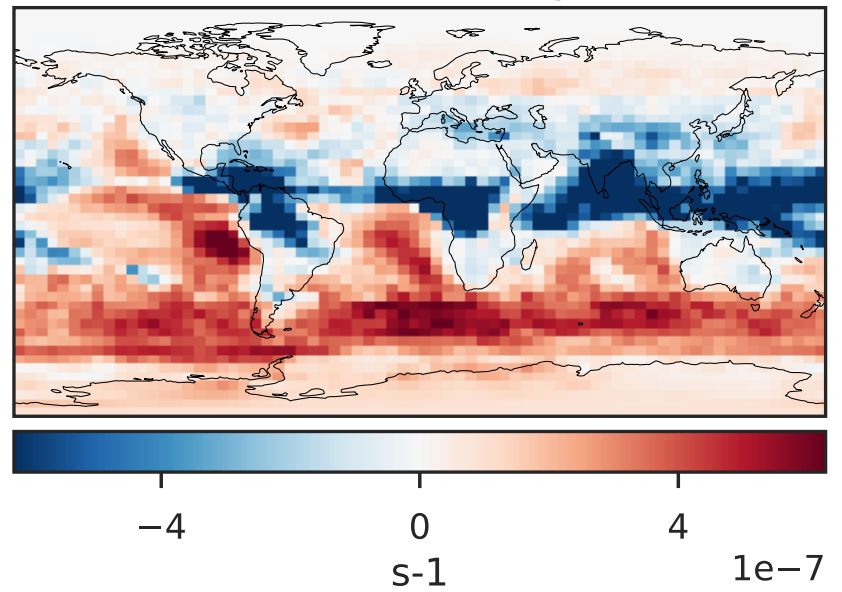
14.3.0-rc.0 (Dev)
4.0x5.0



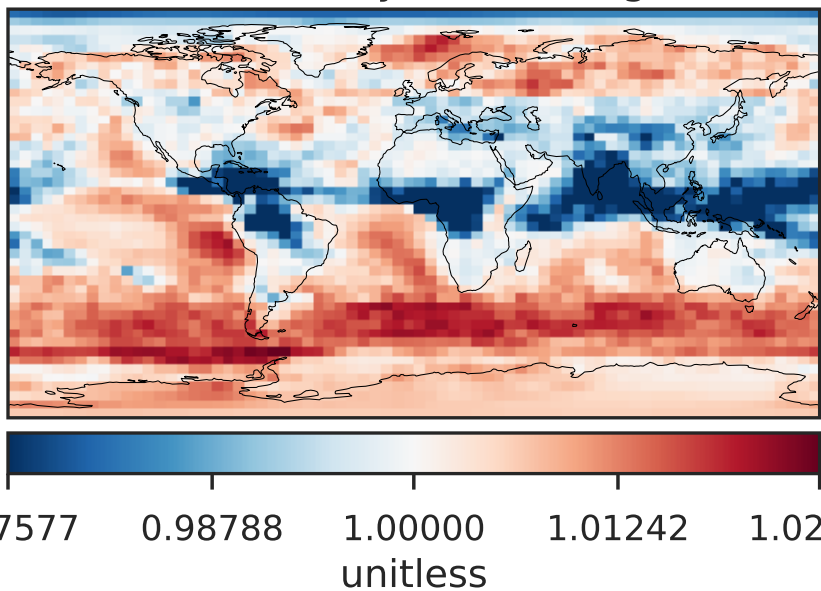
Difference
Dev - Ref, Dynamic Range



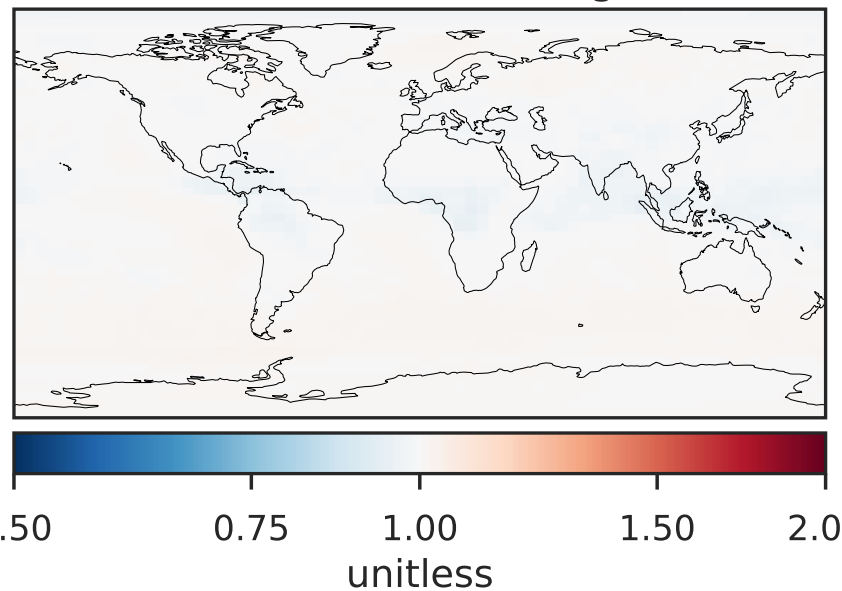
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

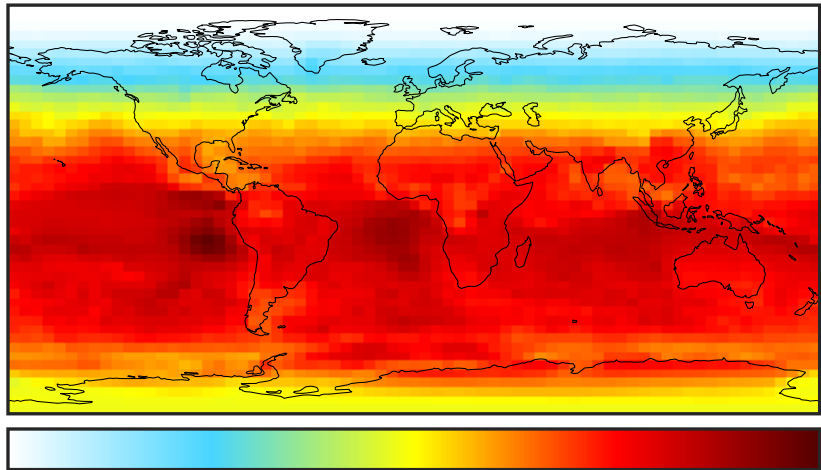


Ratio
Dev/Ref, Fixed Range



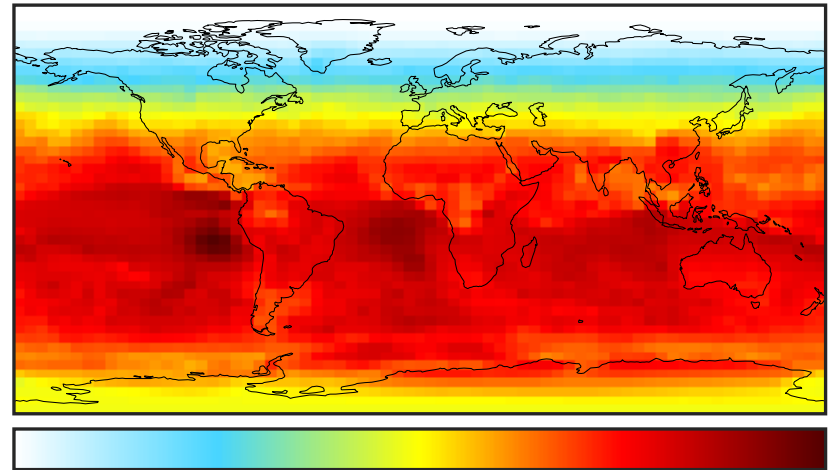
Jval_MAP (Oct2019)

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



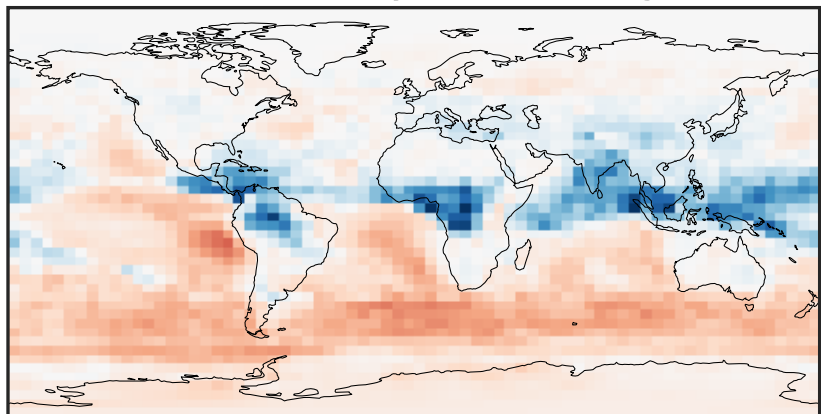
1.5 3.0 $1e-6$
s-1

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



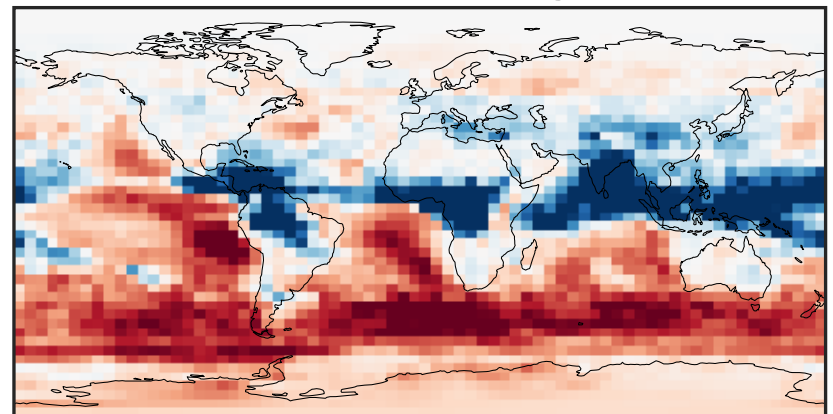
1.5 3.0 $1e-6$
s-1

Difference
Dev - Ref, Dynamic Range



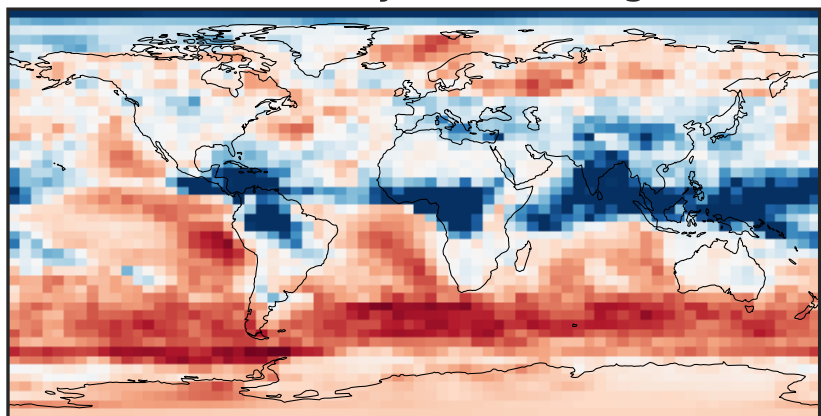
-8 0 8 $1e-8$
s-1

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



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

Ratio
Dev/Ref, Dynamic Range



0.97544 0.98772 1.00000 1.01259 1.02518
unitless

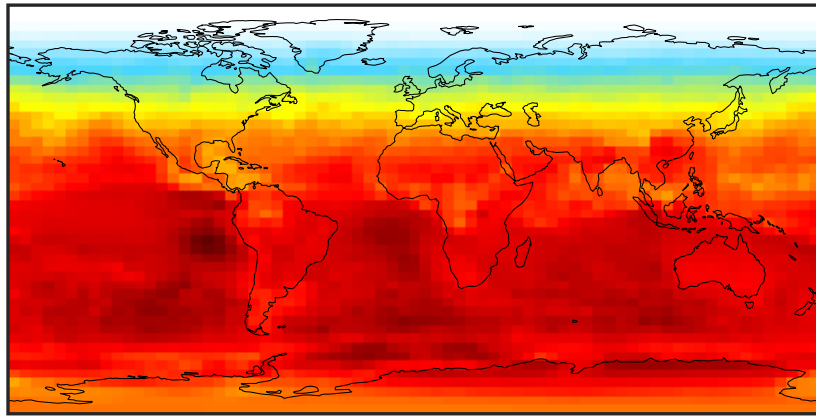
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

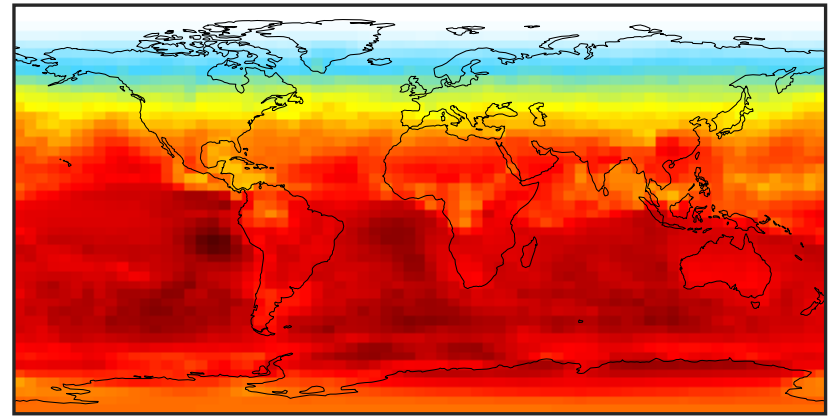
Jval_MCRENOL (Oct2019)

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



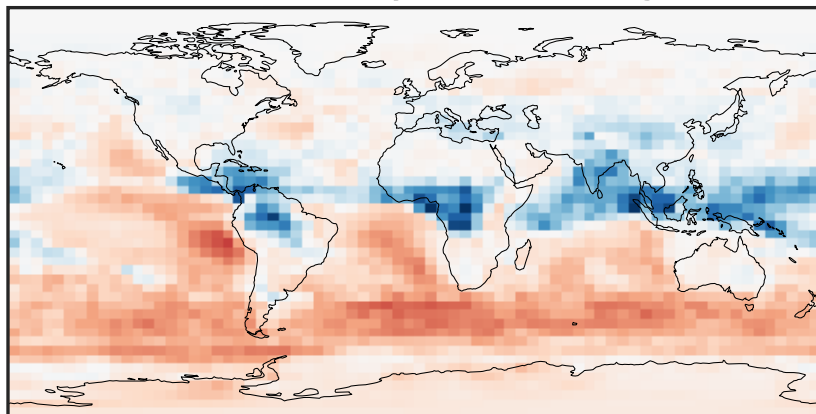
0.00006 0.00012 0.00018
s-1

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



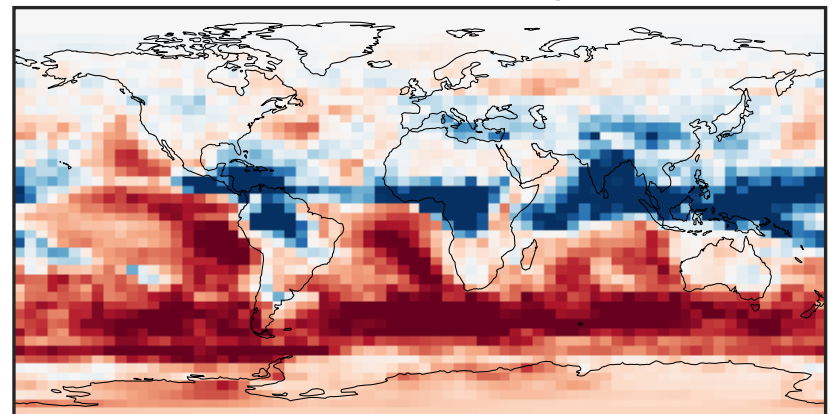
0.00006 0.00012 0.00018
s-1

Difference
Dev - Ref, Dynamic Range



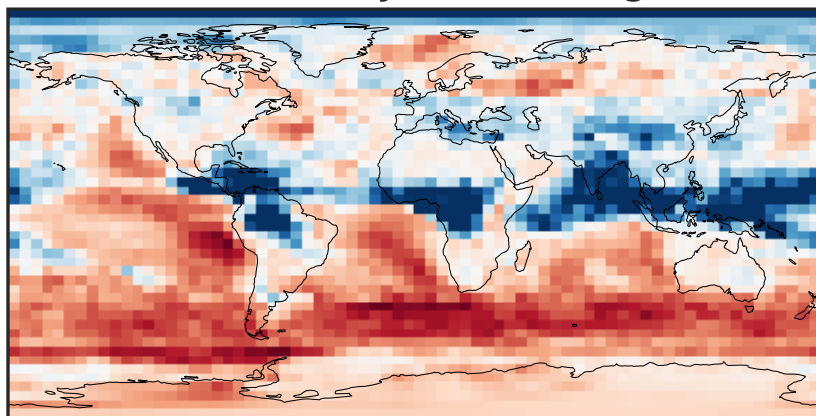
-4 0 4
s-1 1e-6

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



-2 0 2
s-1 1e-6

Ratio
Dev/Ref, Dynamic Range



0.97505 0.98753 1.00000 1.01279 1.02559
unitless

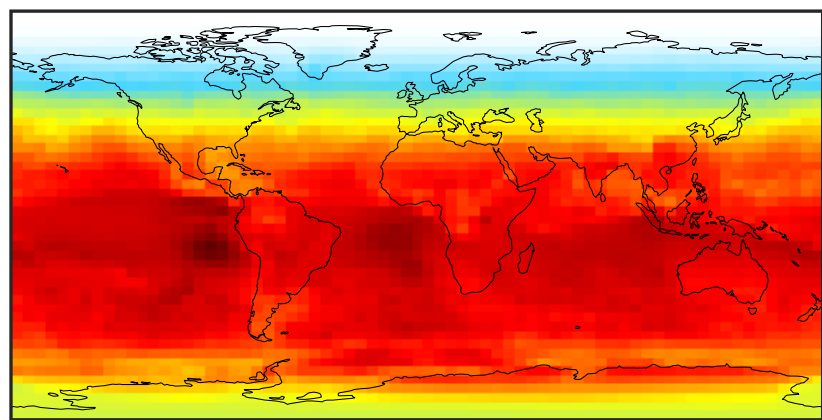
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

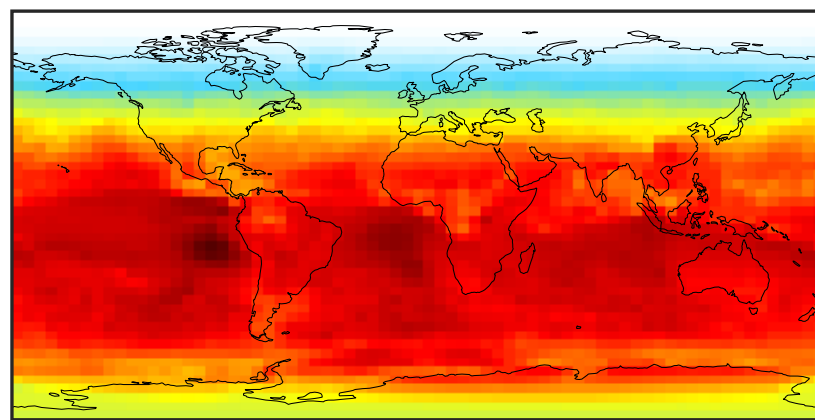
Jval_MCRHN (Oct2019)

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



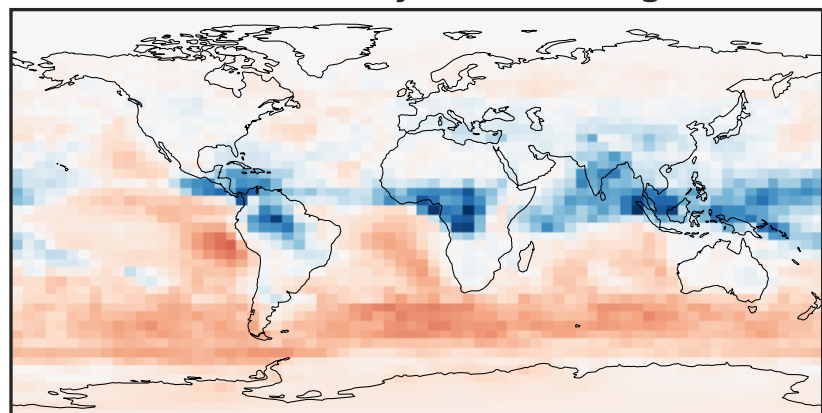
0.00008 0.00016 0.00024
s-1

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



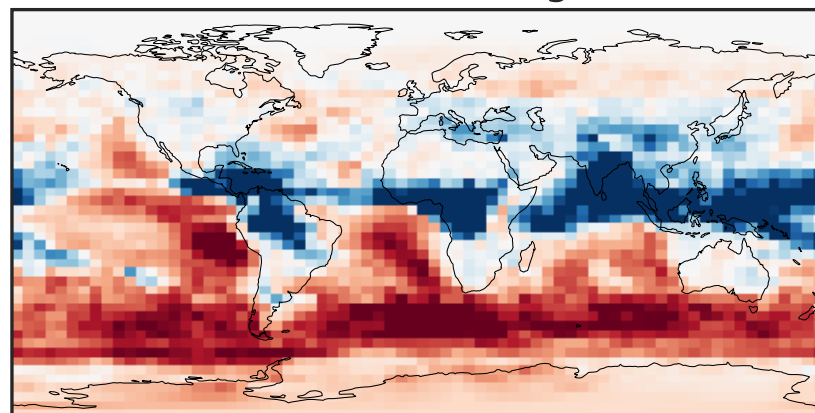
0.00008 0.00016 0.00024
s-1

Difference
Dev - Ref, Dynamic Range



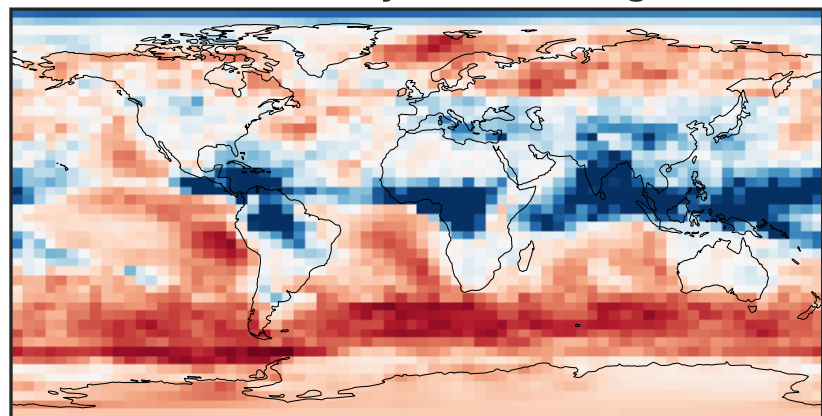
-5 0 5
s-1 1e-6

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



-2 0 2
s-1 1e-6

Ratio
Dev/Ref, Dynamic Range



0.97484 0.98742 1.00000 1.01290 1.02580
unitless

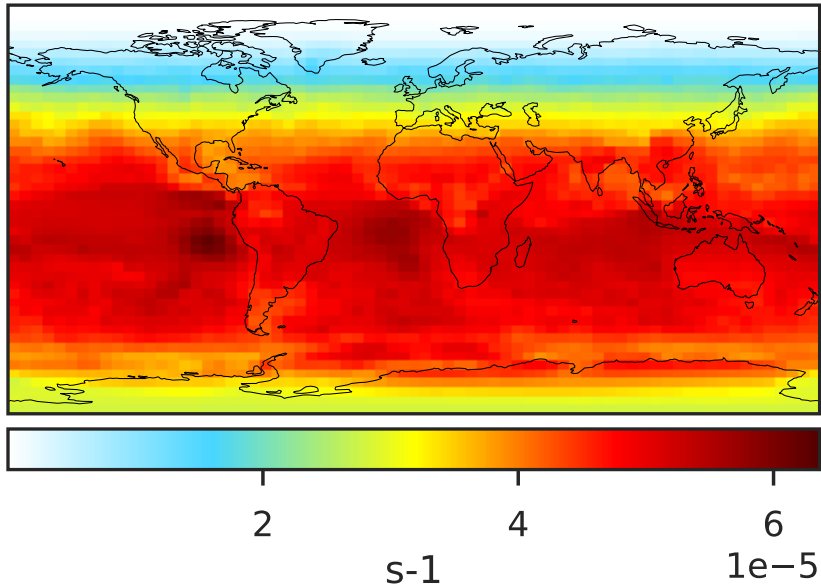
Ratio
Dev/Ref, Fixed Range



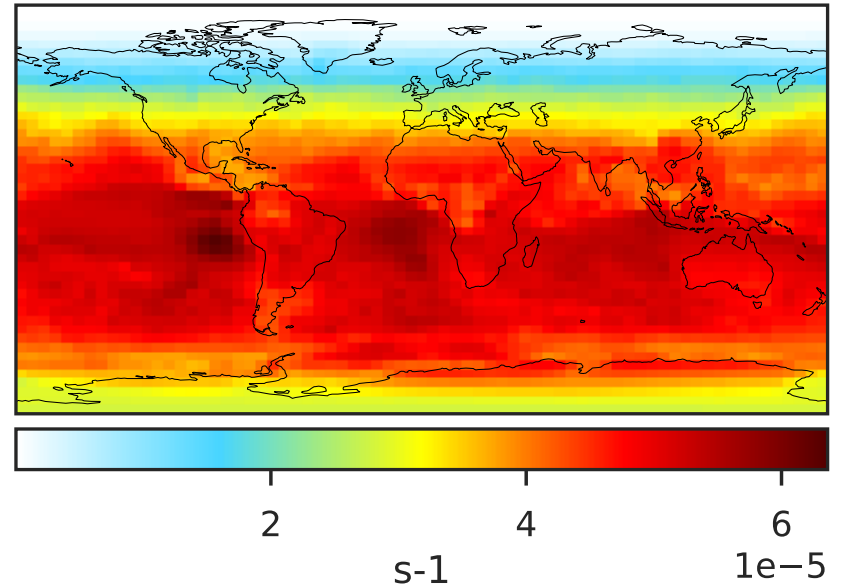
0.50 0.75 1.00 1.50 2.00
unitless

Jval_MCRHNB (Oct2019)

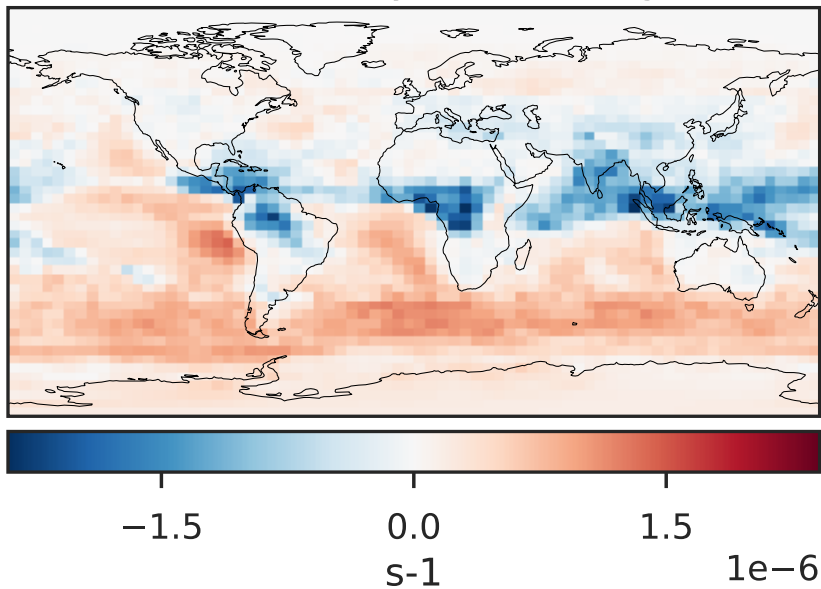
14.2.0-rc.2 (Ref)
4.0x5.0



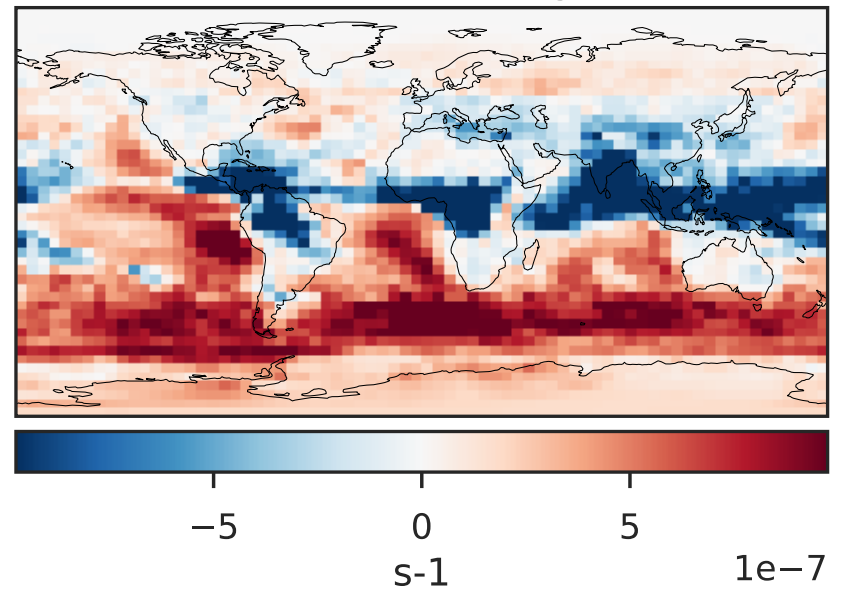
14.3.0-rc.0 (Dev)
4.0x5.0



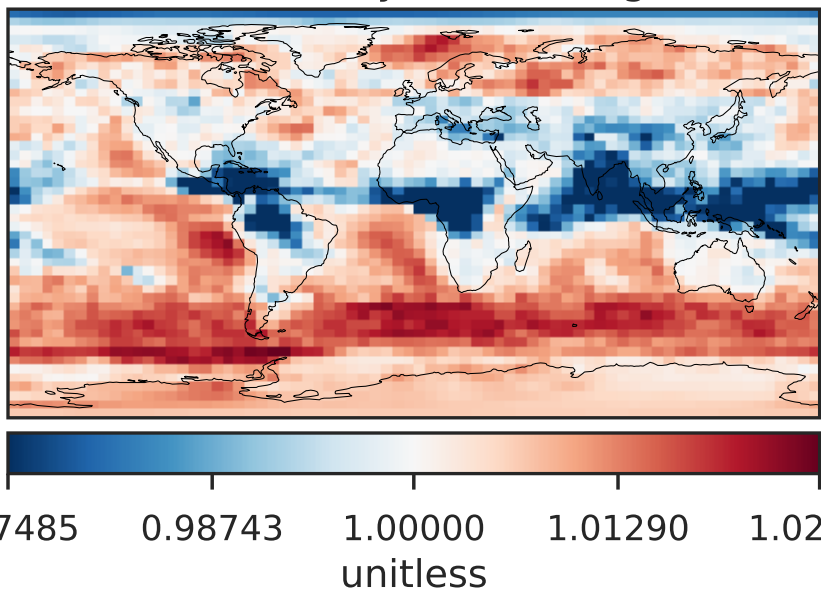
Difference
Dev - Ref, Dynamic Range



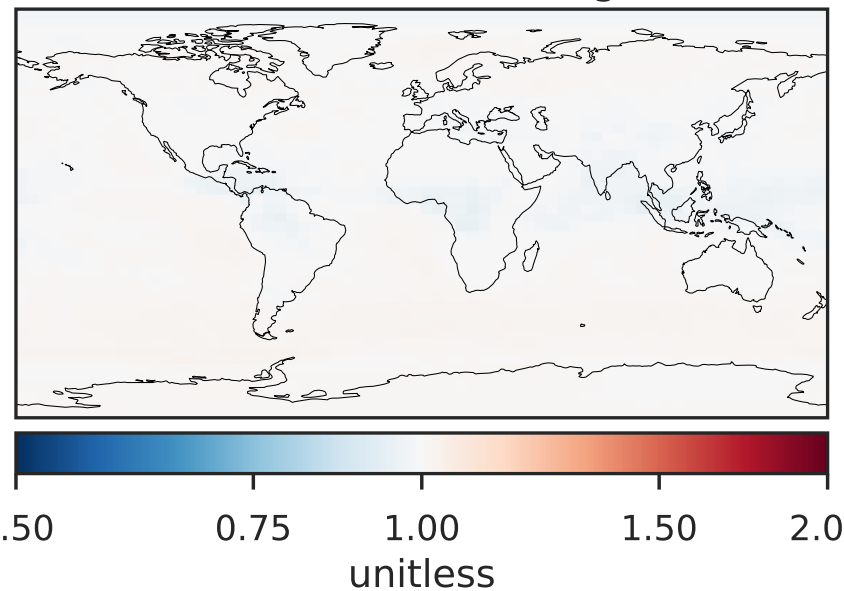
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

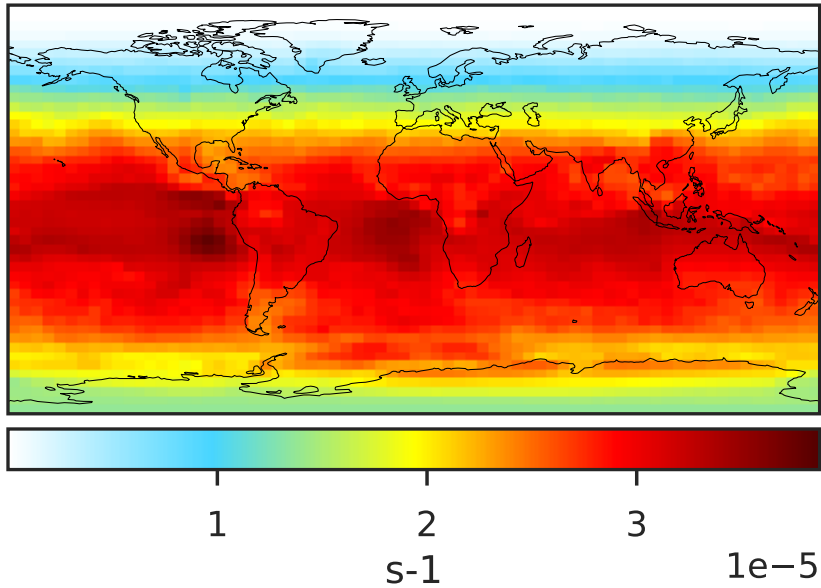


Ratio
Dev/Ref, Fixed Range

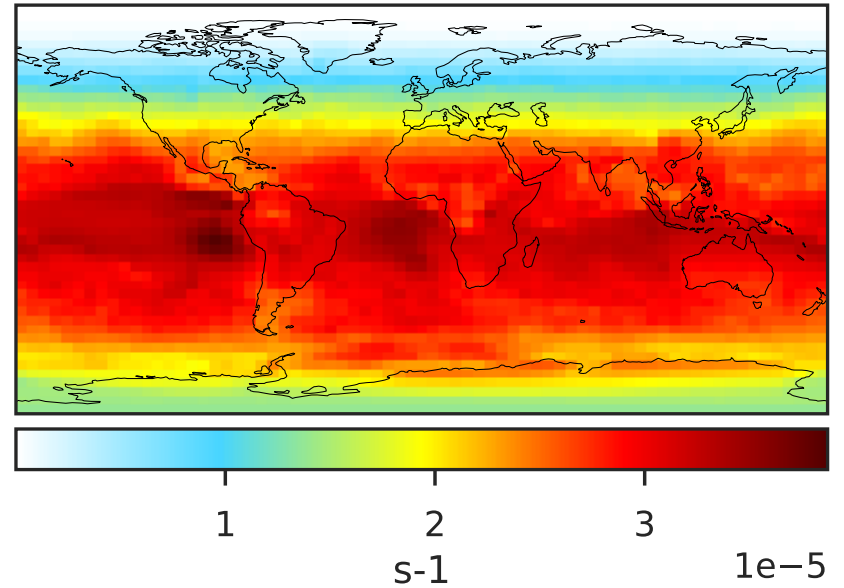


Jval_MCRHP (Oct2019)

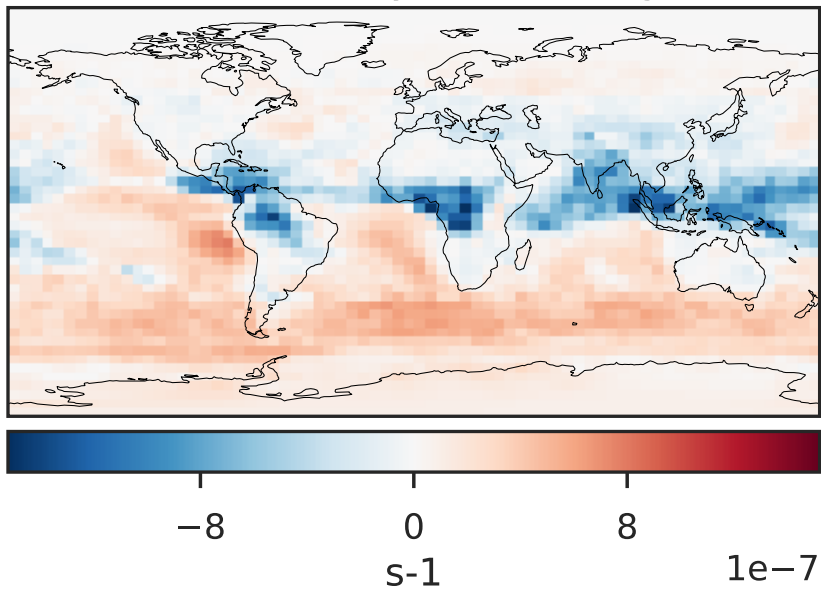
14.2.0-rc.2 (Ref)
4.0x5.0



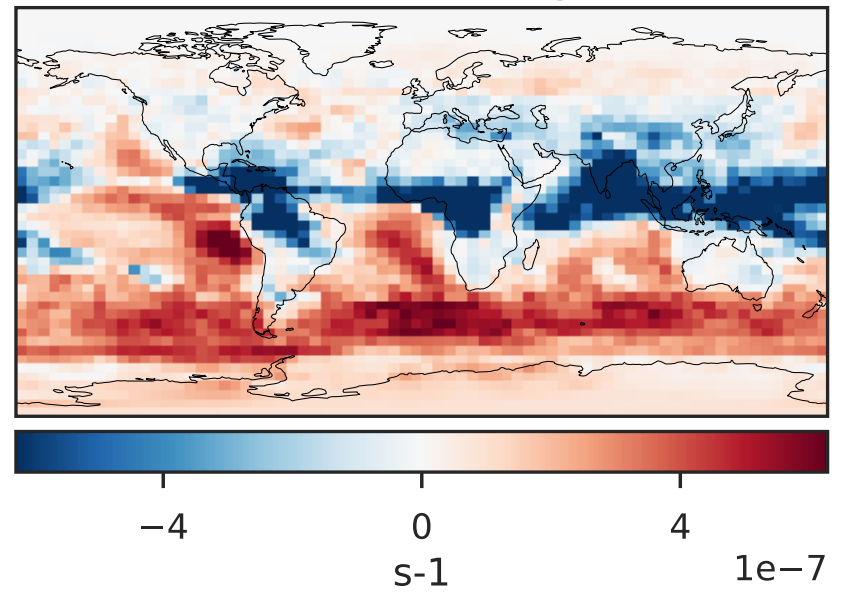
14.3.0-rc.0 (Dev)
4.0x5.0



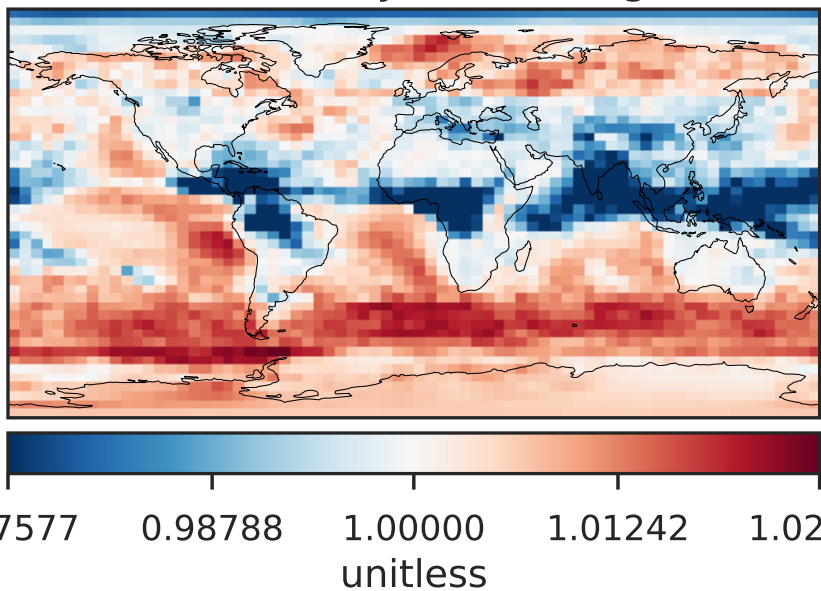
Difference
Dev - Ref, Dynamic Range



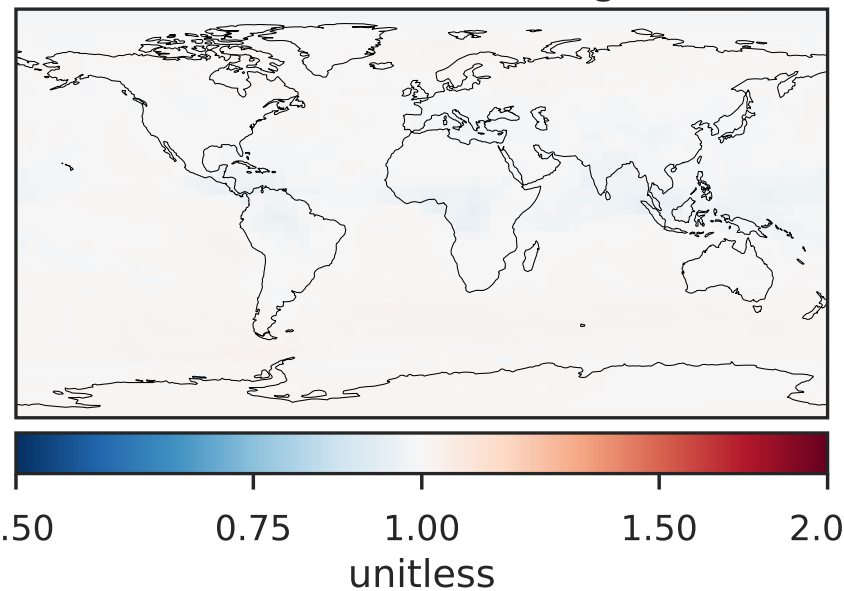
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

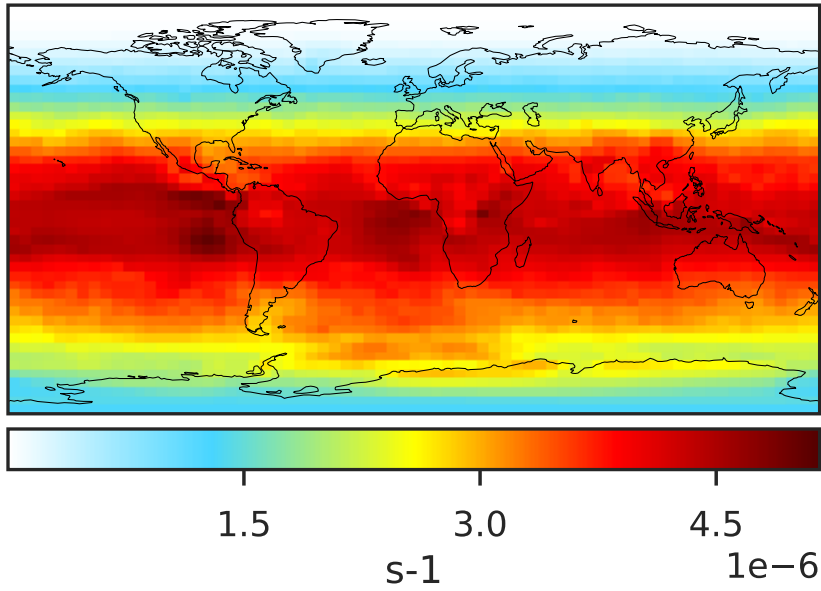


Ratio
Dev/Ref, Fixed Range

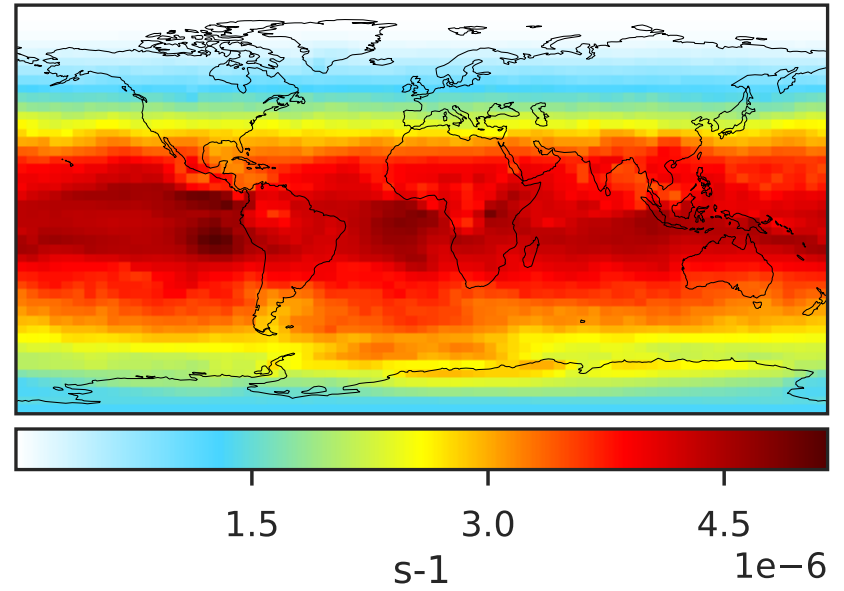


Jval_MEK (Oct2019)

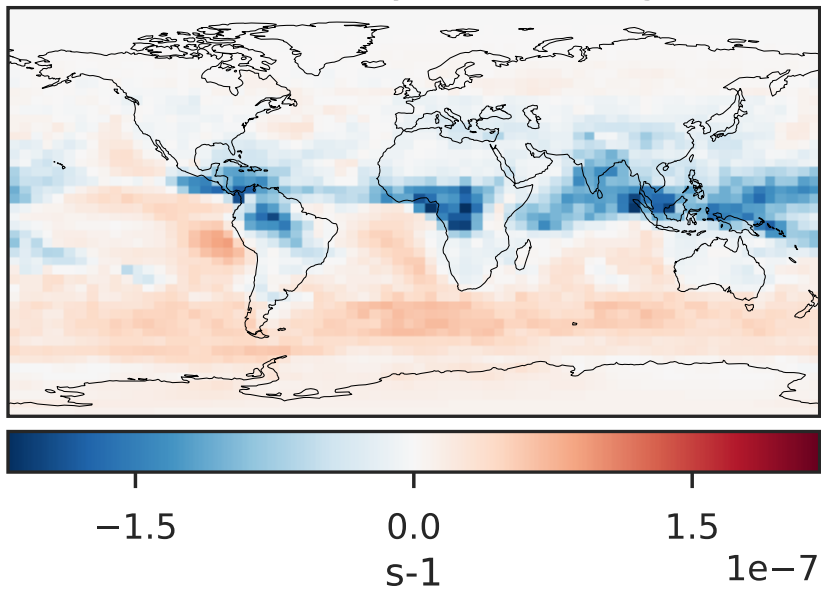
14.2.0-rc.2 (Ref)
4.0x5.0



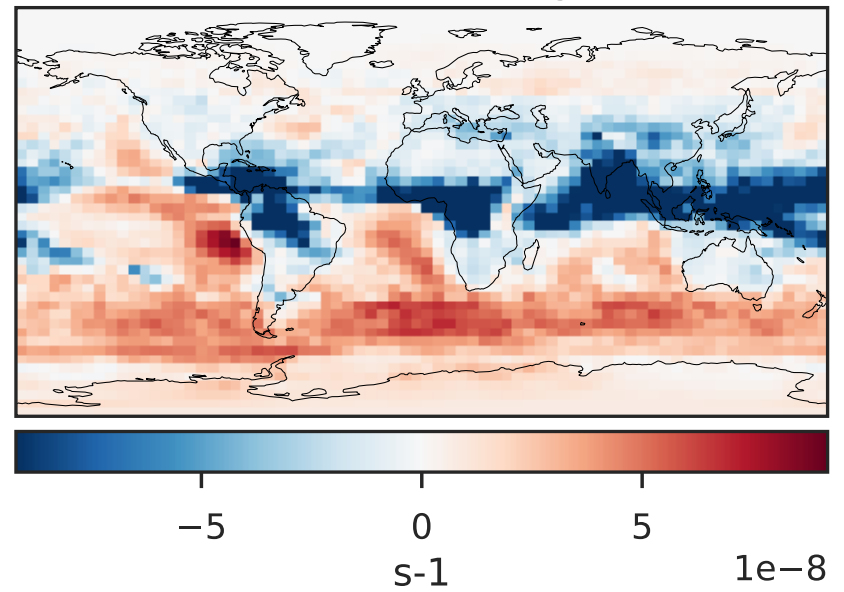
14.3.0-rc.0 (Dev)
4.0x5.0



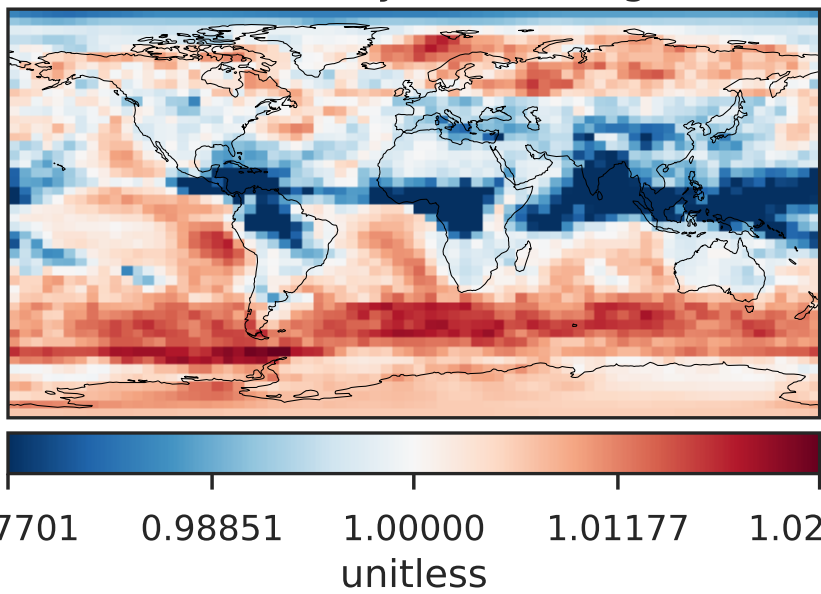
Difference
Dev - Ref, Dynamic Range



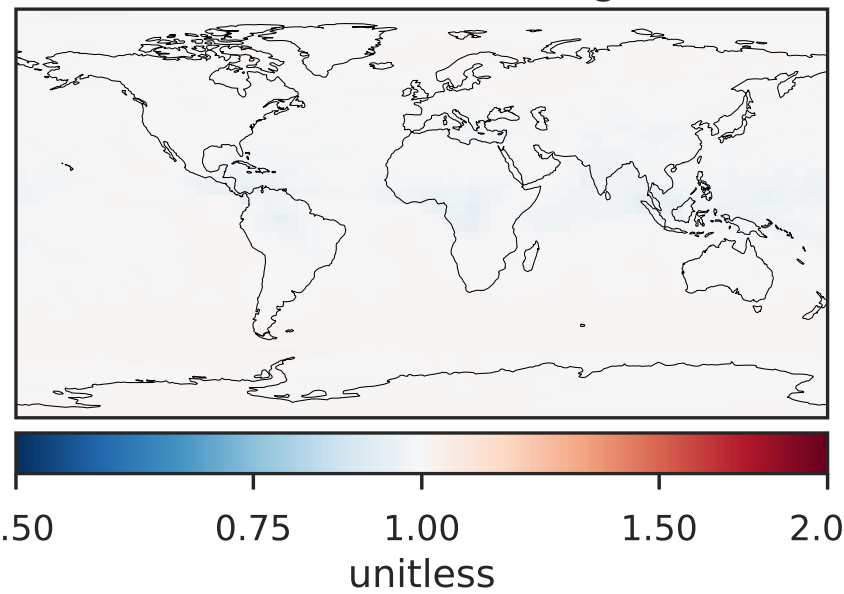
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

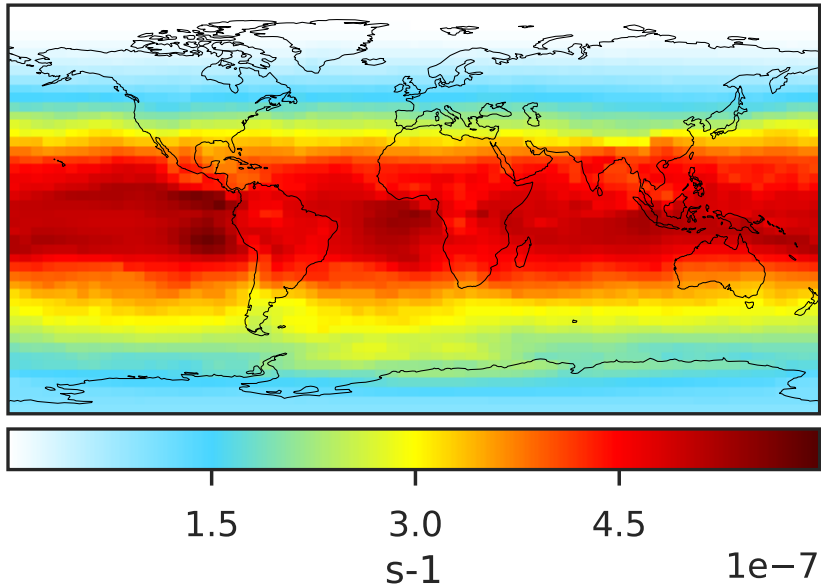


Ratio
Dev/Ref, Fixed Range

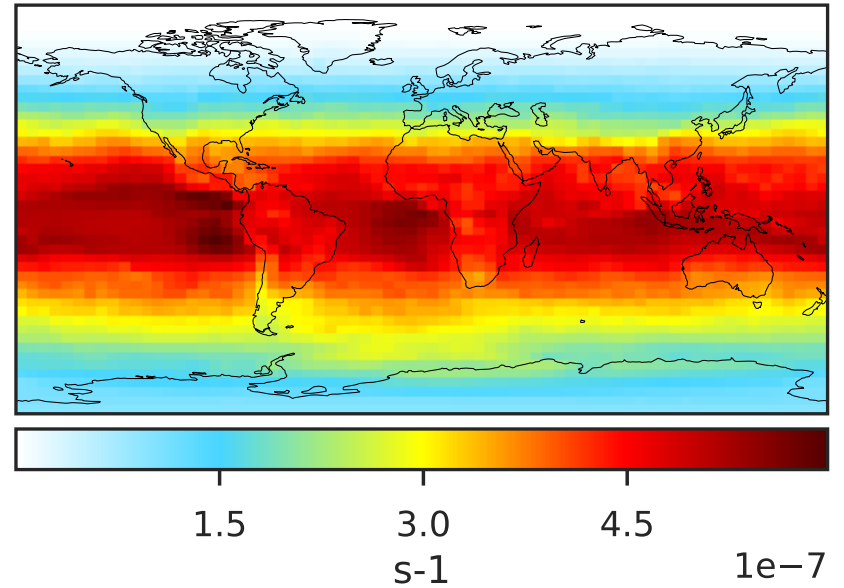


Jval_MENO3 (Oct2019)

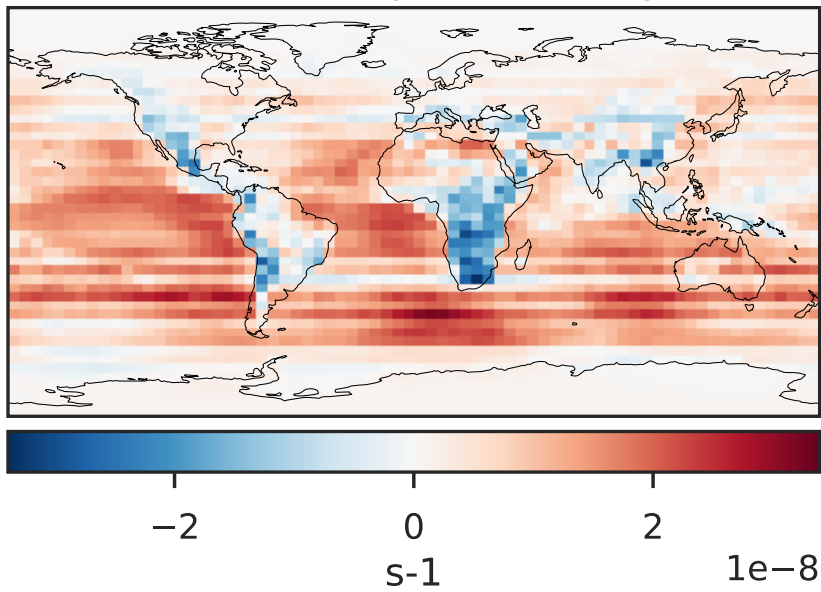
14.2.0-rc.2 (Ref)
4.0x5.0



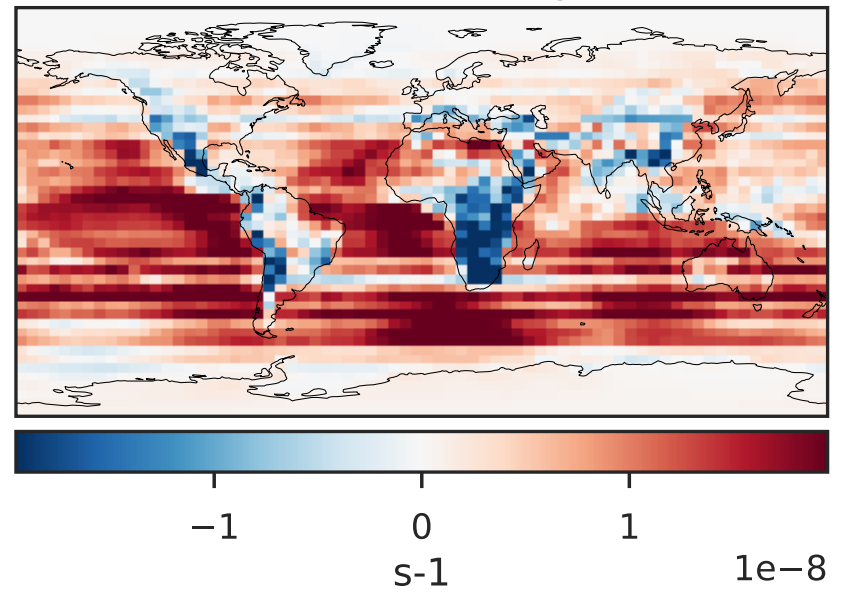
14.3.0-rc.0 (Dev)
4.0x5.0



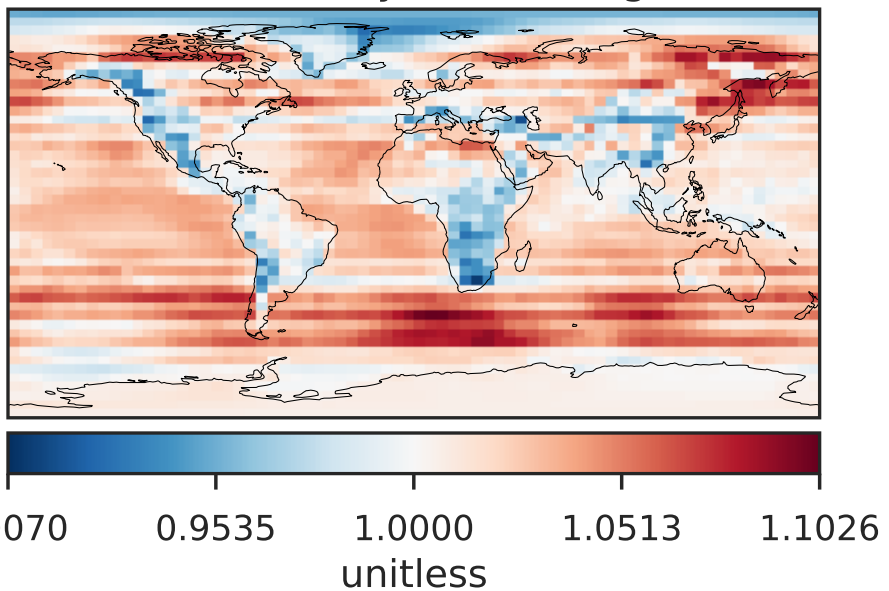
Difference
Dev - Ref, Dynamic Range



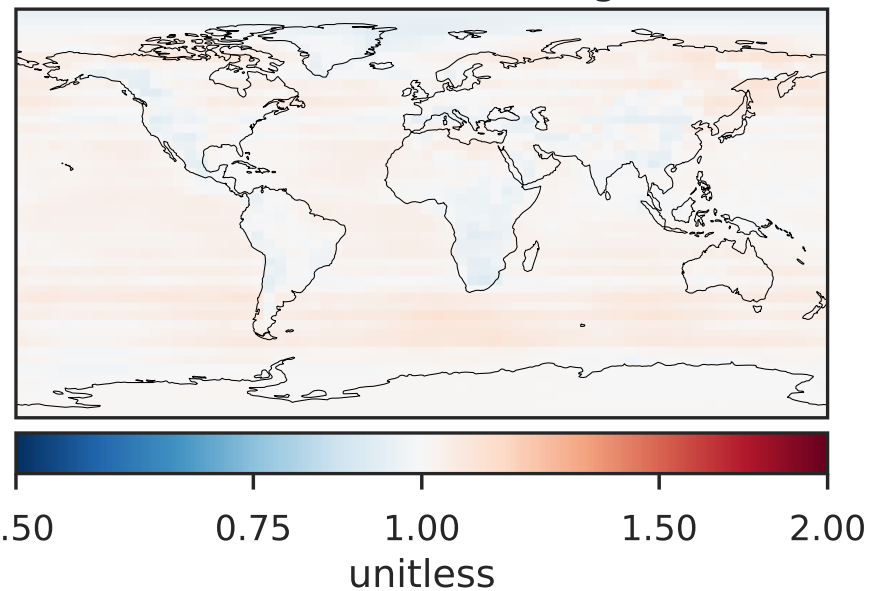
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

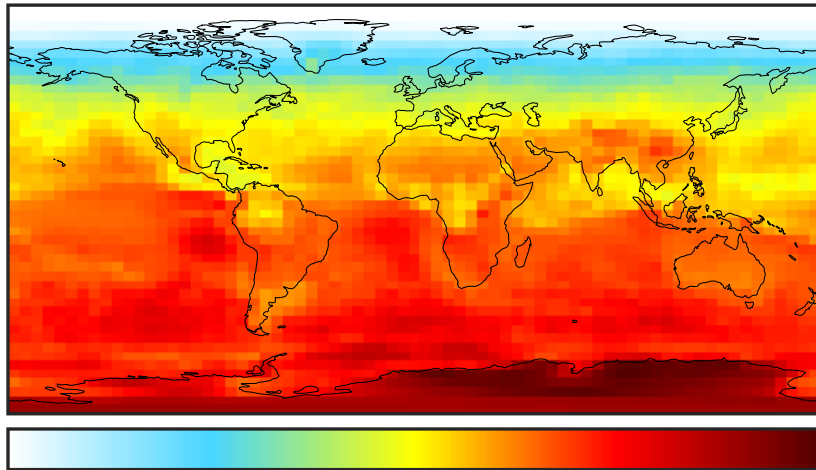


Ratio
Dev/Ref, Fixed Range



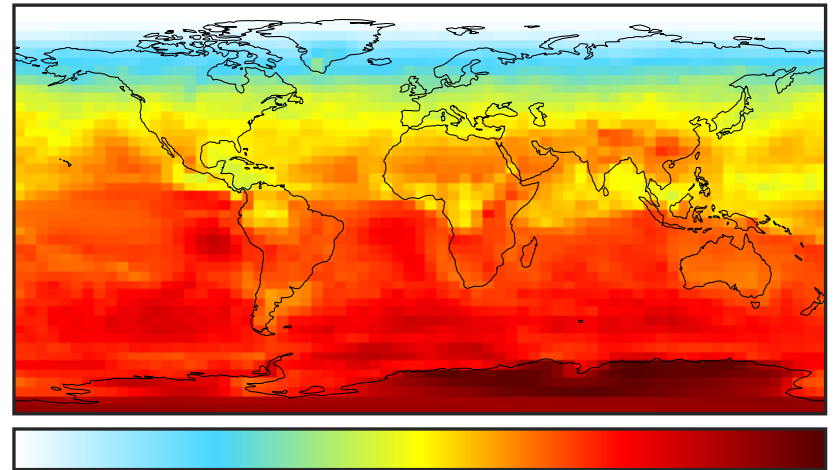
Jval_MGLY (Oct2019)

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



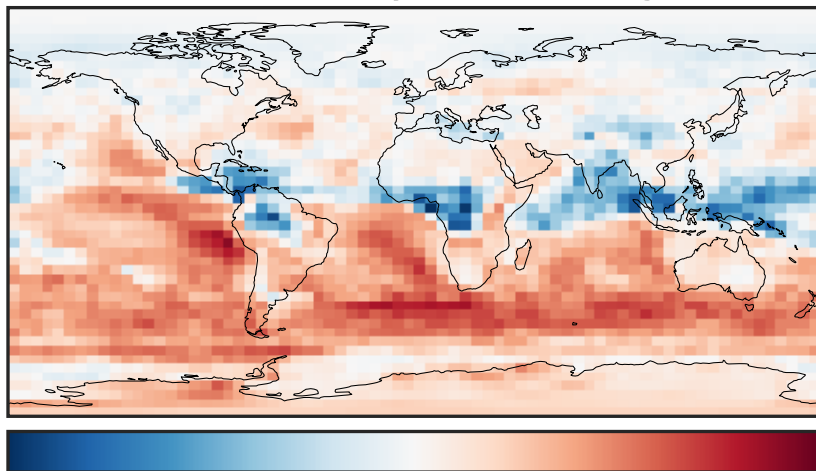
0.00006 0.00012 0.00018
s-1

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



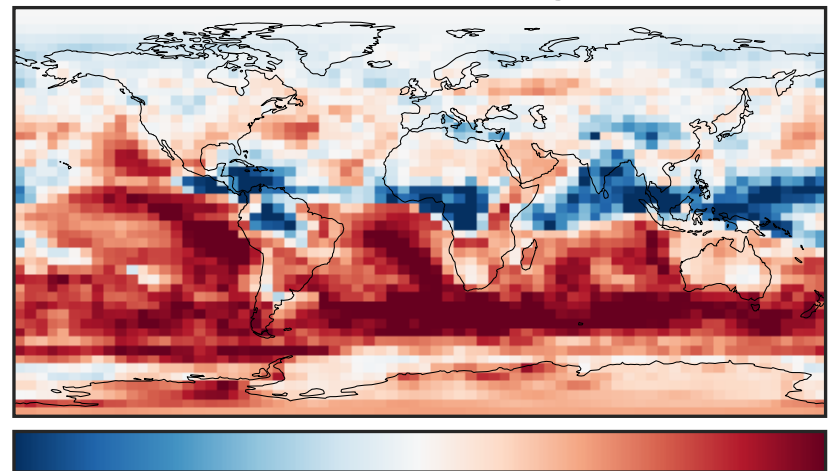
0.00006 0.00012 0.00018
s-1

Difference
Dev - Ref, Dynamic Range



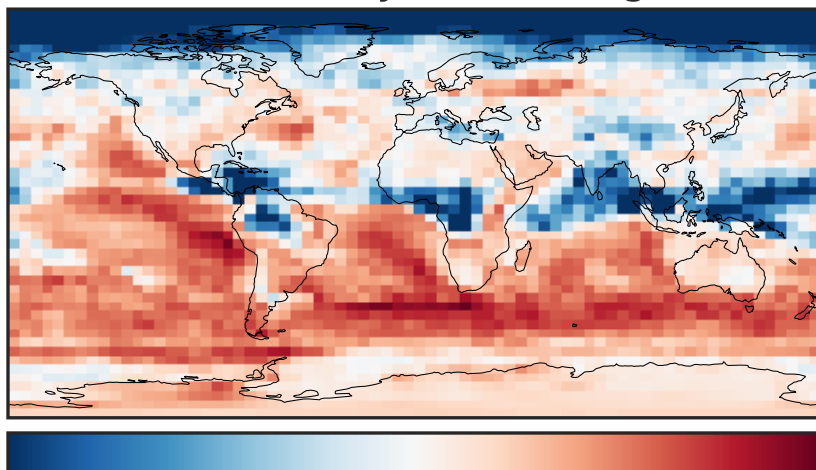
-4 0 4
s-1 1e-6

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



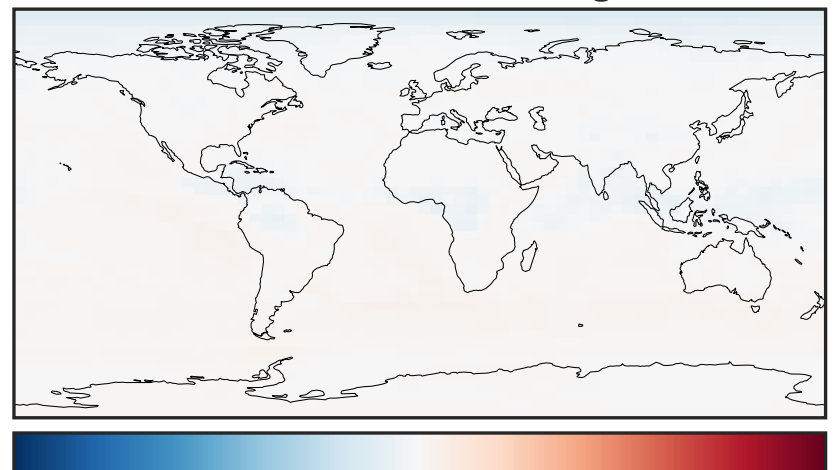
-2 0 2
s-1 1e-6

Ratio
Dev/Ref, Dynamic Range



0.96959 0.98479 1.00000 1.01568 1.03137
unitless

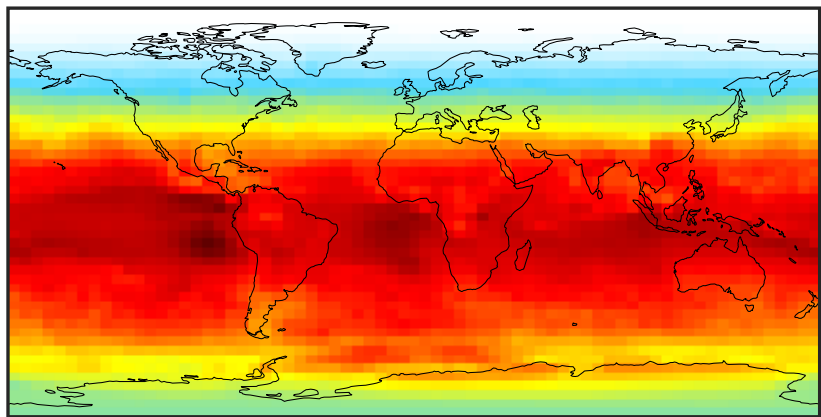
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

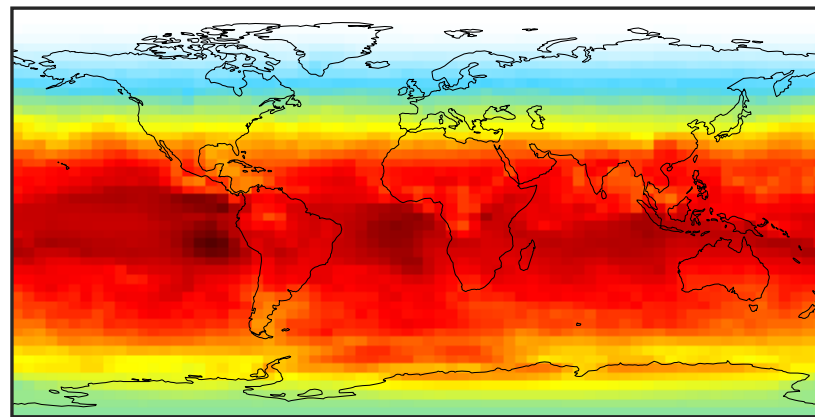
Jval_MONITS (Oct2019)

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



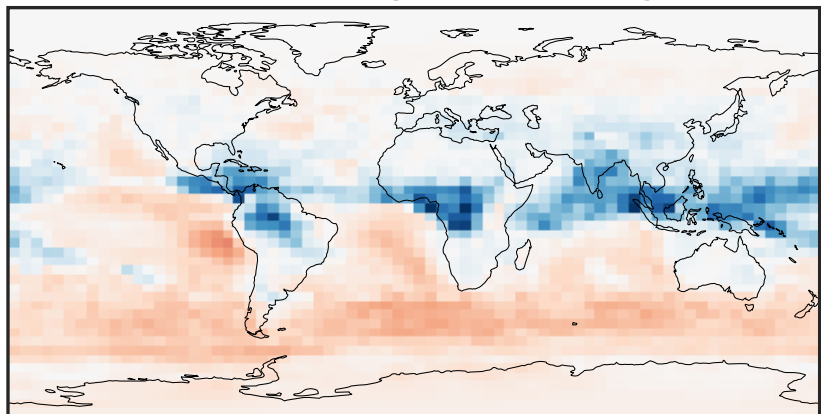
0.5 1.0 1.5
s-1 1e-6

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



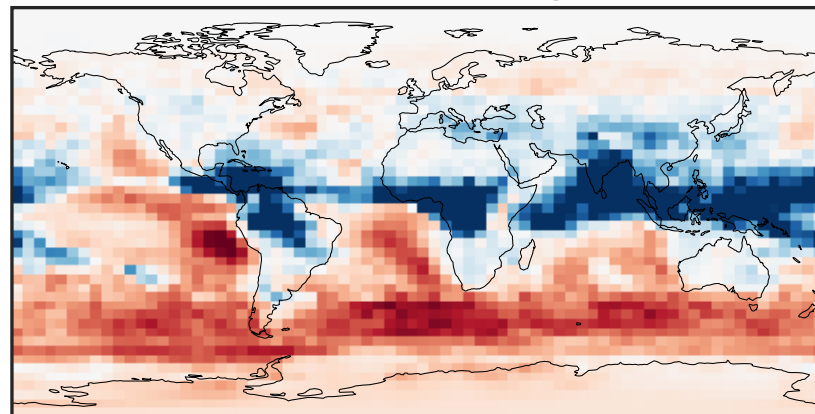
0.5 1.0 1.5
s-1 1e-6

Difference
Dev - Ref, Dynamic Range



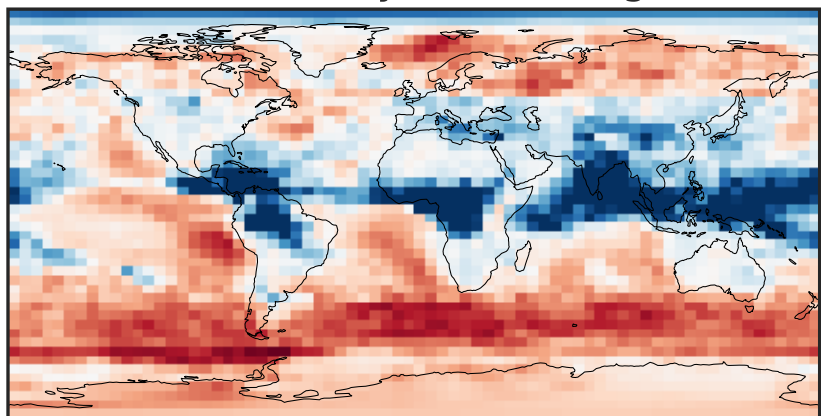
-4 0 4
s-1 1e-8

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



-1.5 0.0 1.5
s-1 1e-8

Ratio
Dev/Ref, Dynamic Range



0.97563 0.98782 1.00000 1.01249 1.02498
unitless

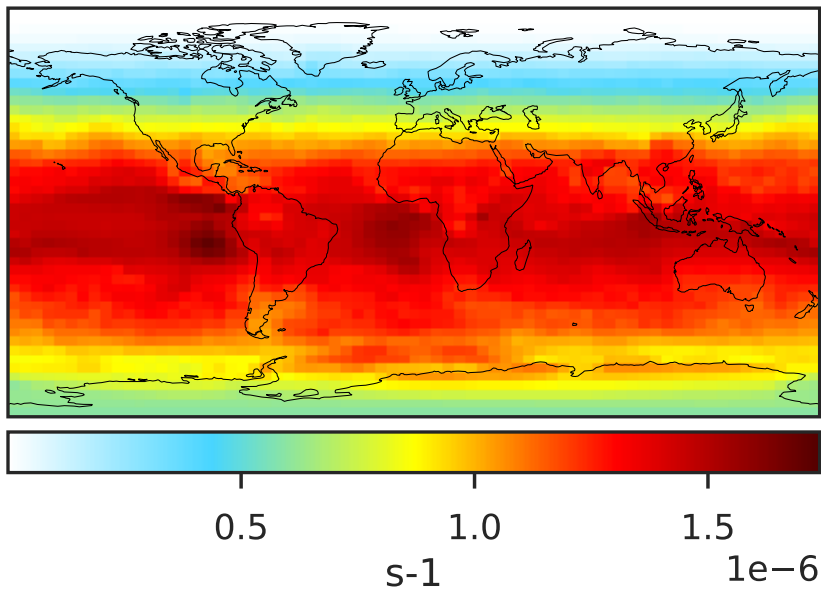
Ratio
Dev/Ref, Fixed Range



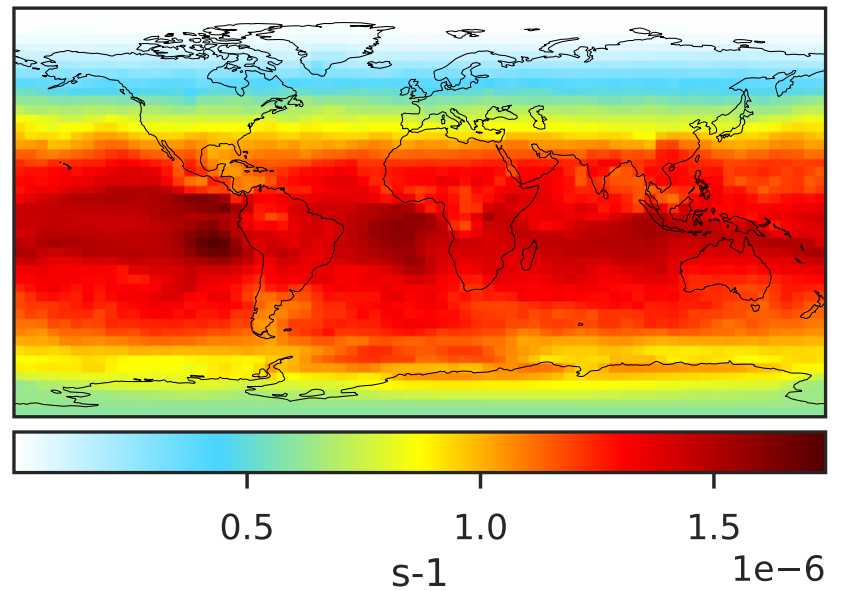
0.50 0.75 1.00 1.50 2.00
unitless

Jval_MONITU (Oct2019)

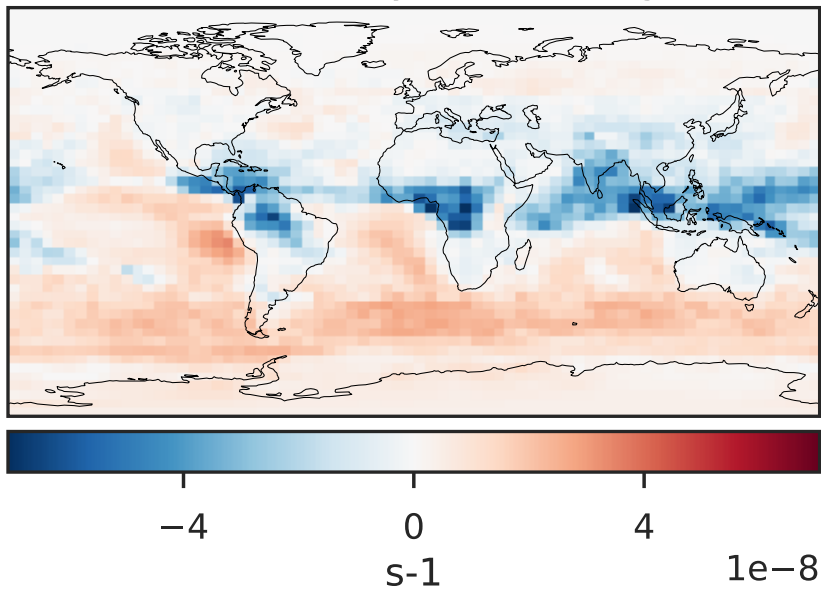
14.2.0-rc.2 (Ref)
4.0x5.0



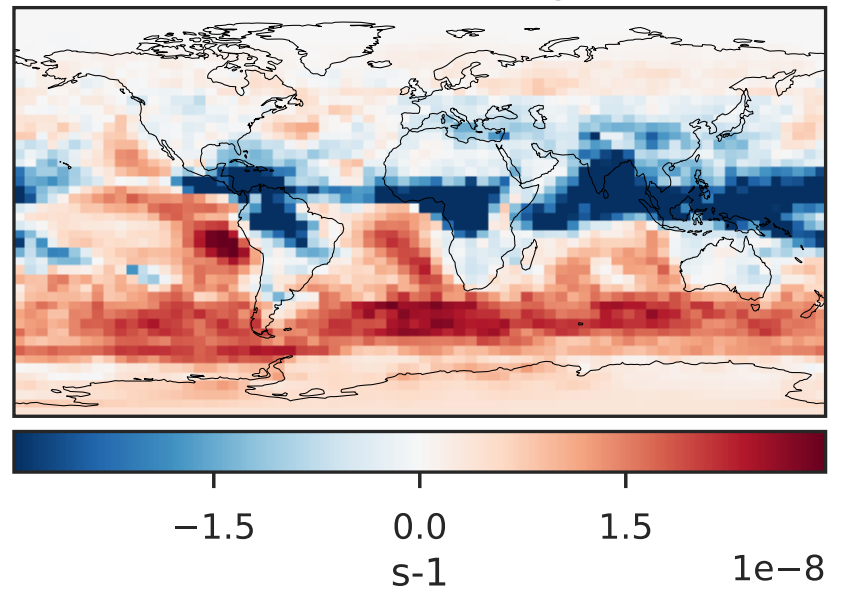
14.3.0-rc.0 (Dev)
4.0x5.0



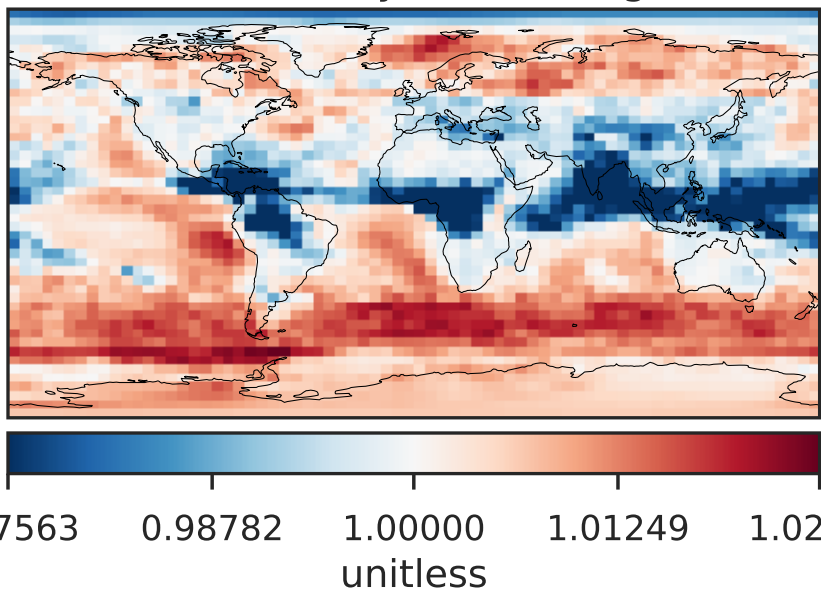
Difference
Dev - Ref, Dynamic Range



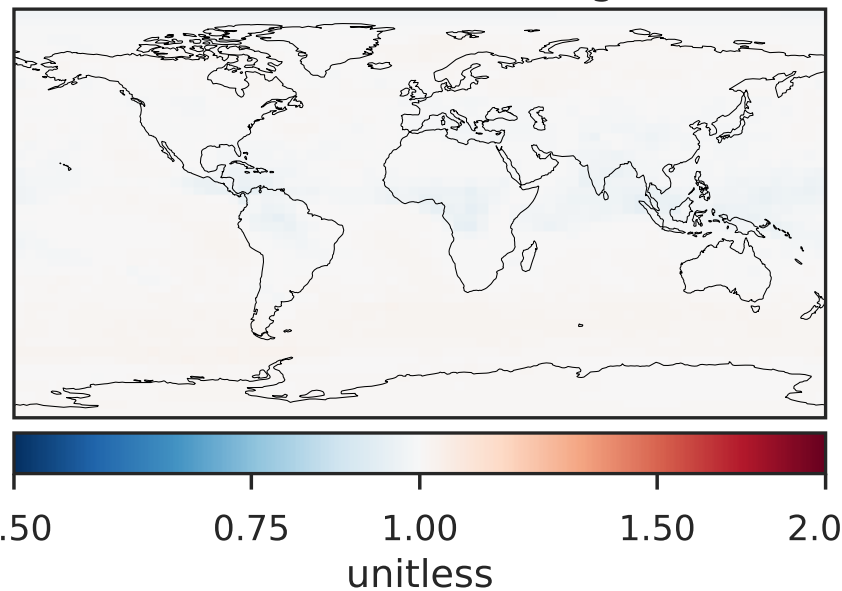
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

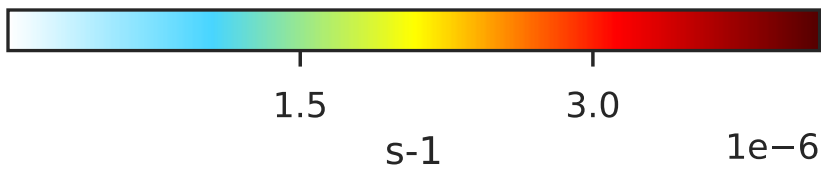
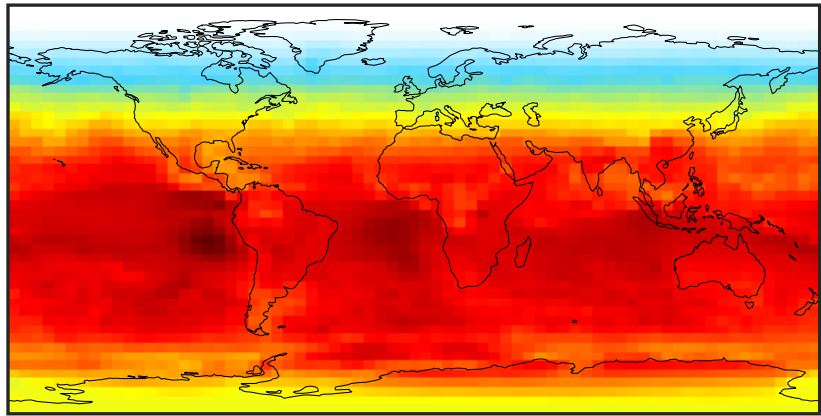


Ratio
Dev/Ref, Fixed Range

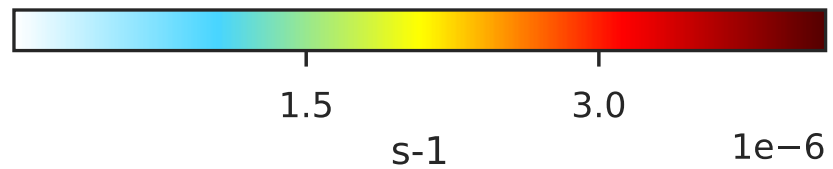
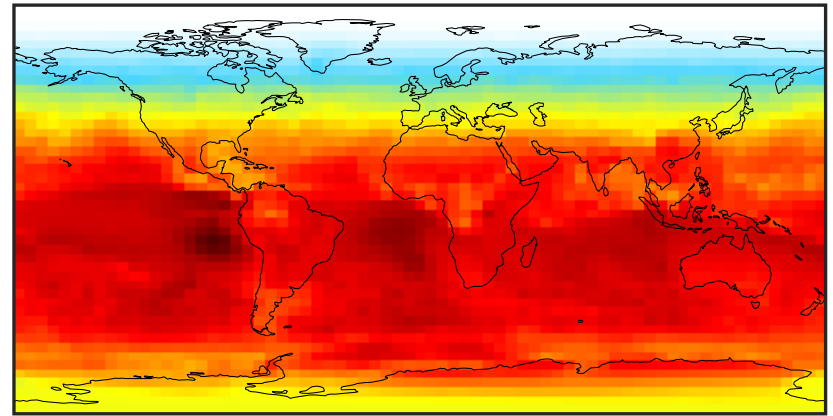


Jval_MP (Oct2019)

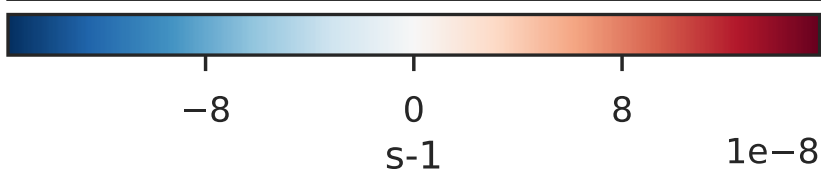
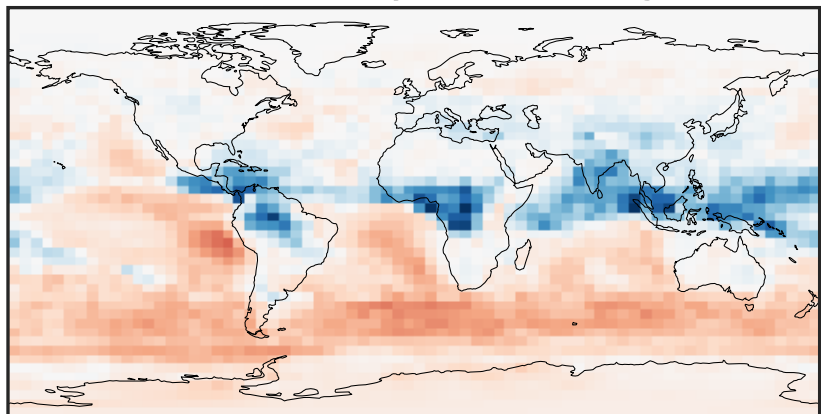
14.2.0-rc.2 (Ref)
4.0x5.0



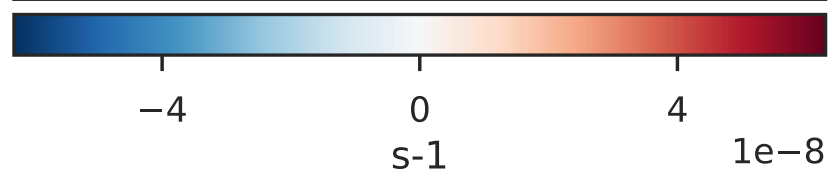
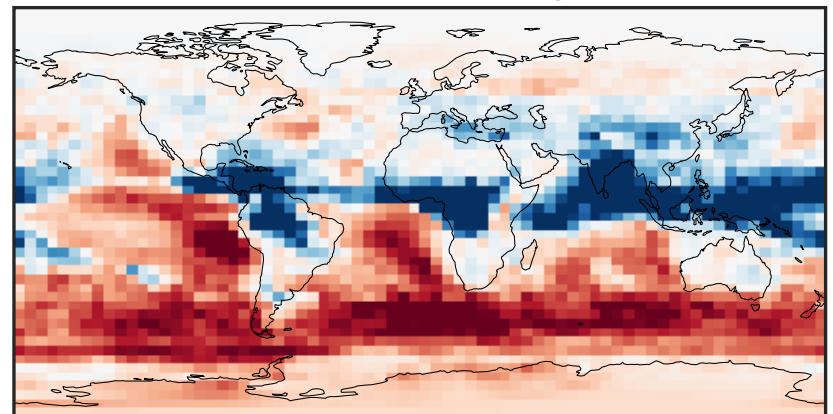
14.3.0-rc.0 (Dev)
4.0x5.0



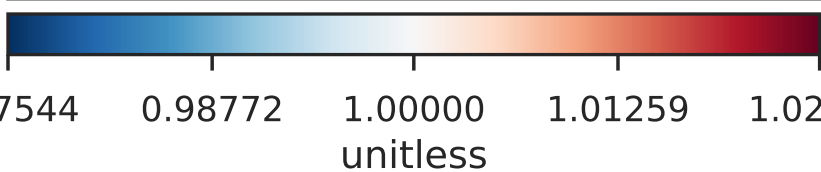
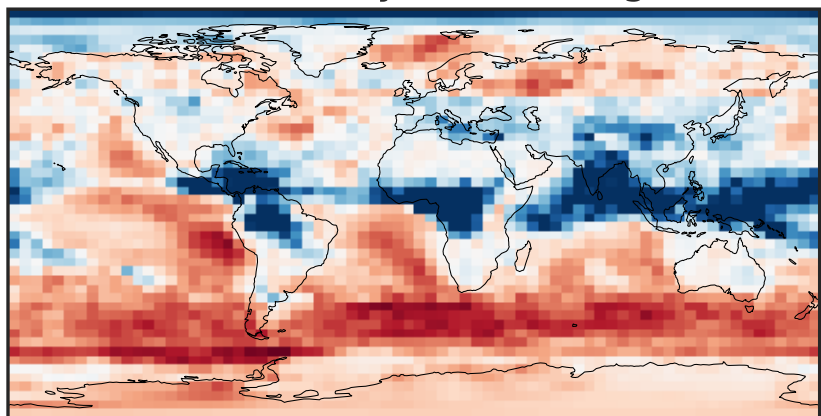
Difference
Dev - Ref, Dynamic Range



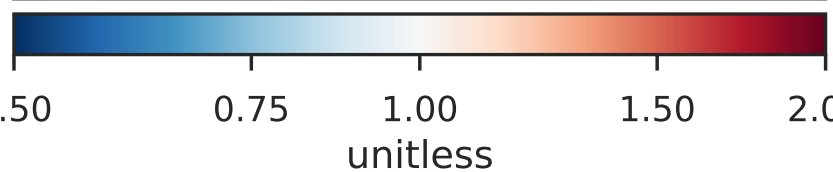
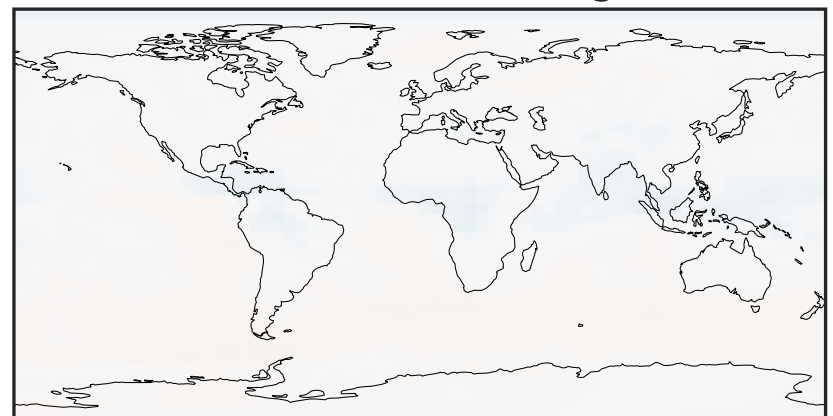
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range



0.97544 0.98772 1.00000 1.01259 1.02518
unitless

0.50 0.75 1.00 1.50 2.00
unitless

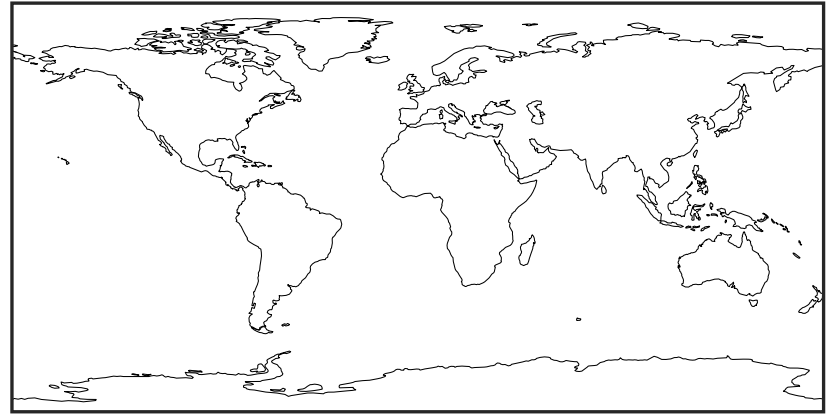
Jval_MPAN (Oct2019)

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



Zero throughput domain
s-1

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



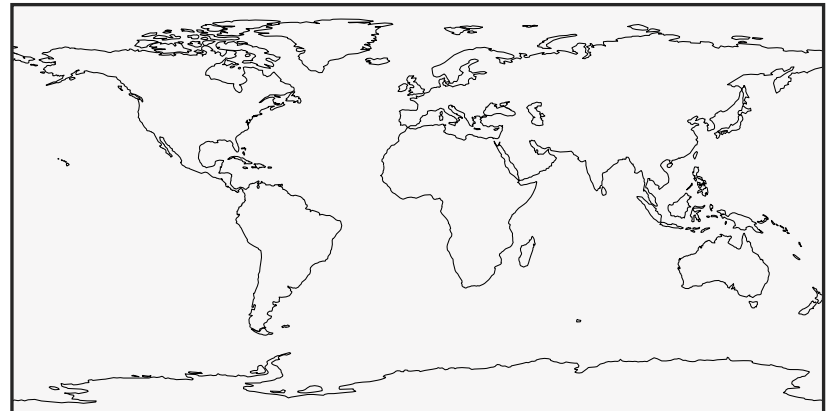
Zero throughput domain
s-1

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

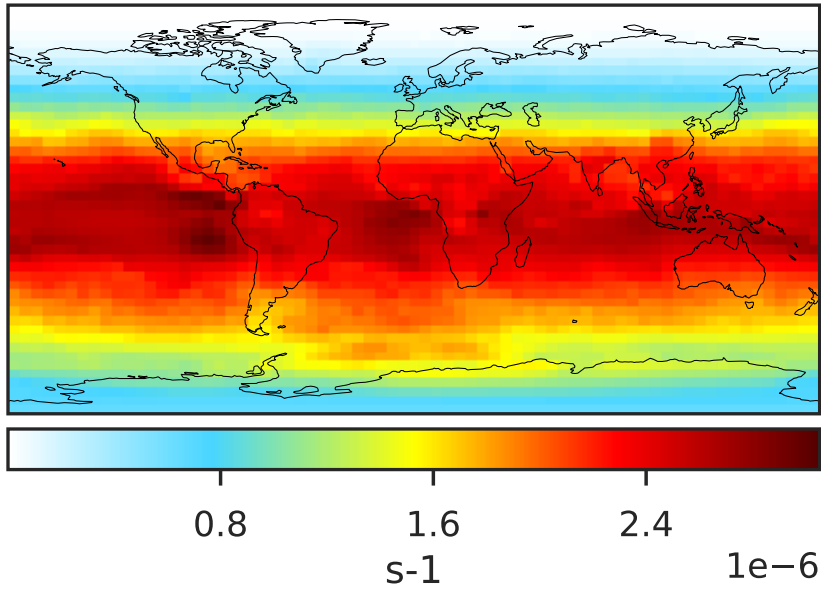
Ratio
Dev/Ref, Fixed Range



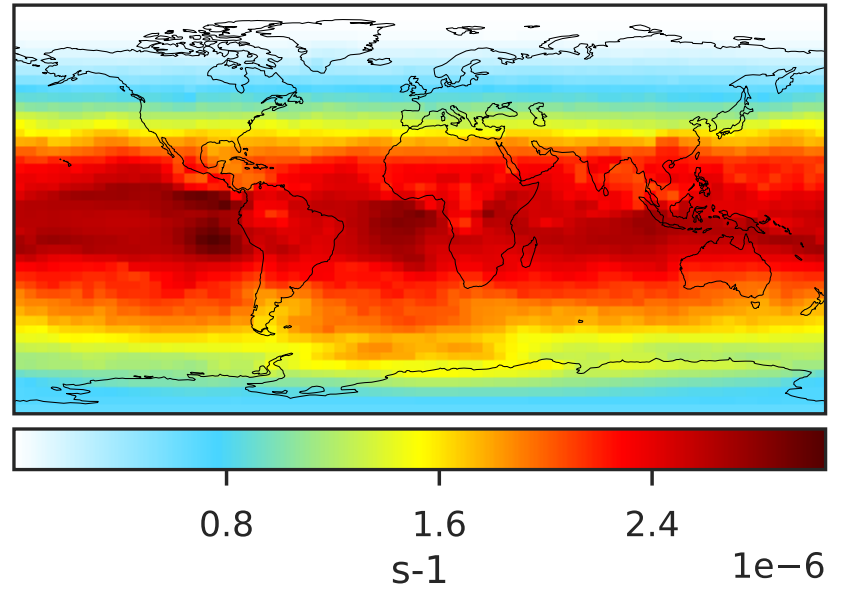
Undefined throughput domain
unitless

Jval_MPN (Oct2019)

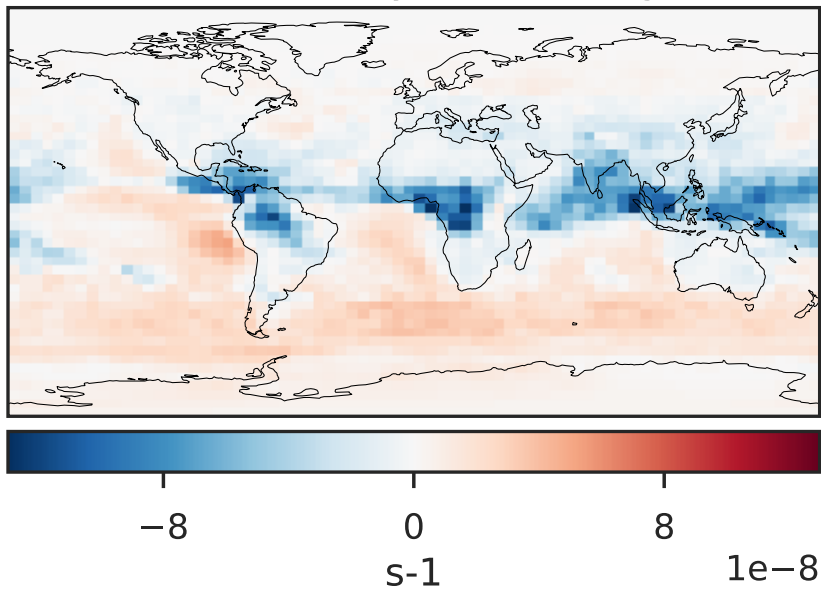
14.2.0-rc.2 (Ref)
4.0x5.0



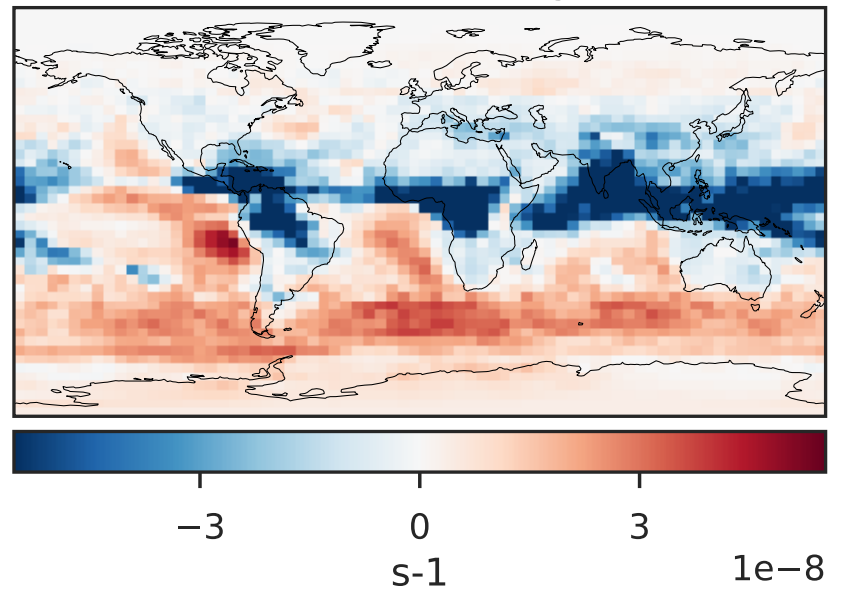
14.3.0-rc.0 (Dev)
4.0x5.0



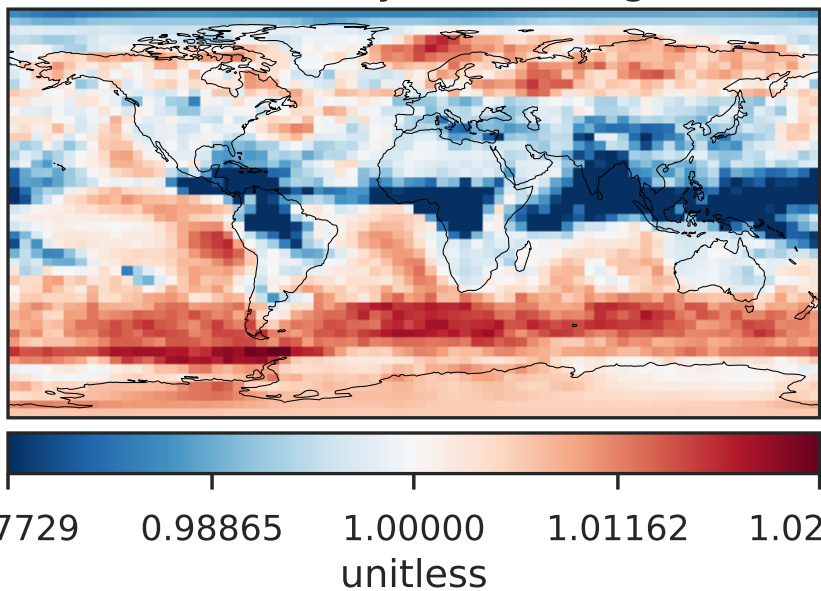
Difference
Dev - Ref, Dynamic Range



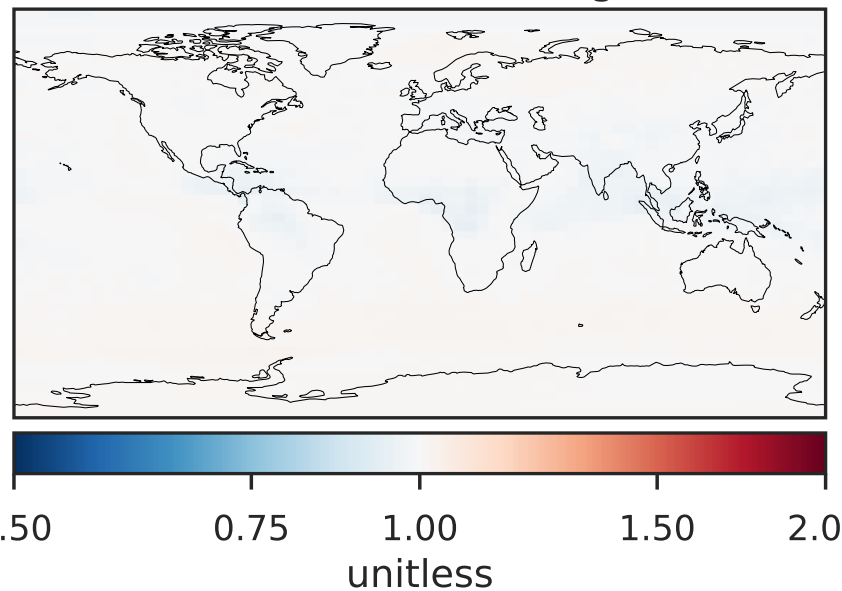
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

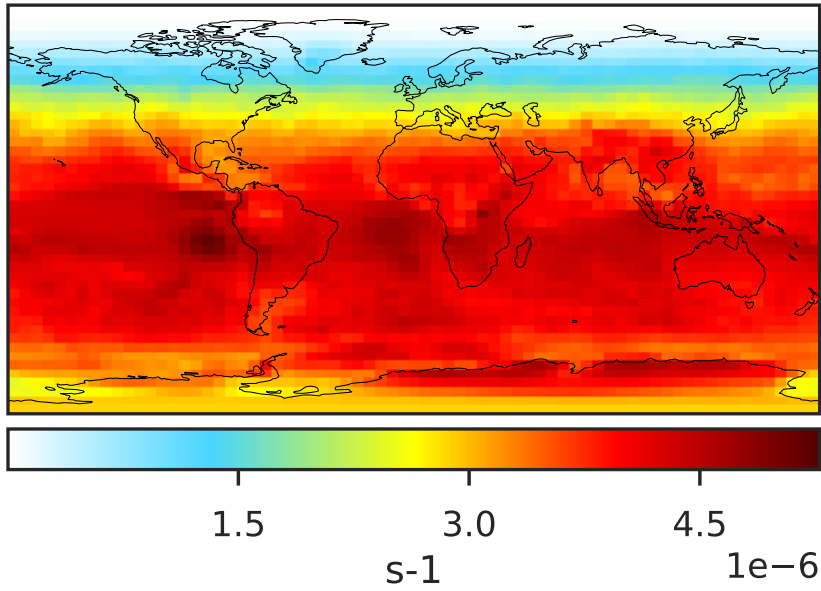


Ratio
Dev/Ref, Fixed Range

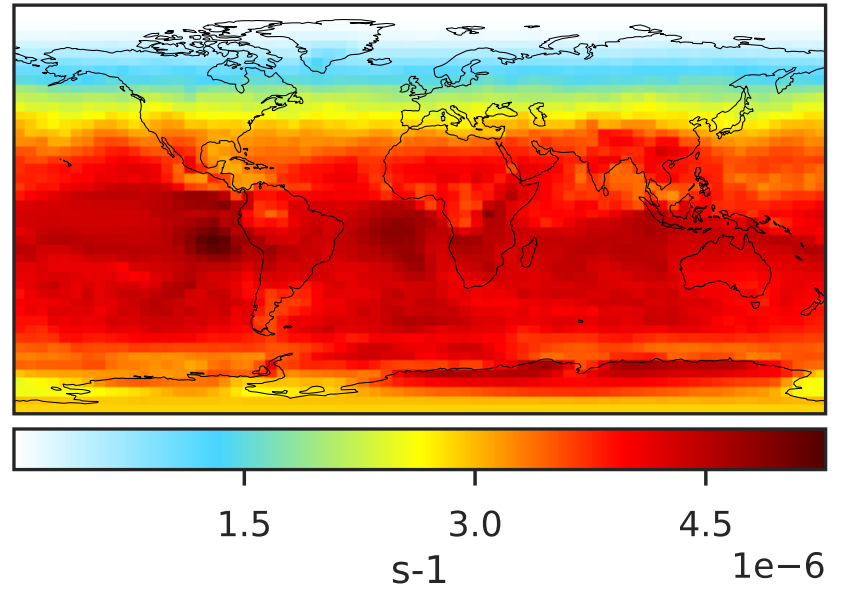


Jval_MVK (Oct2019)

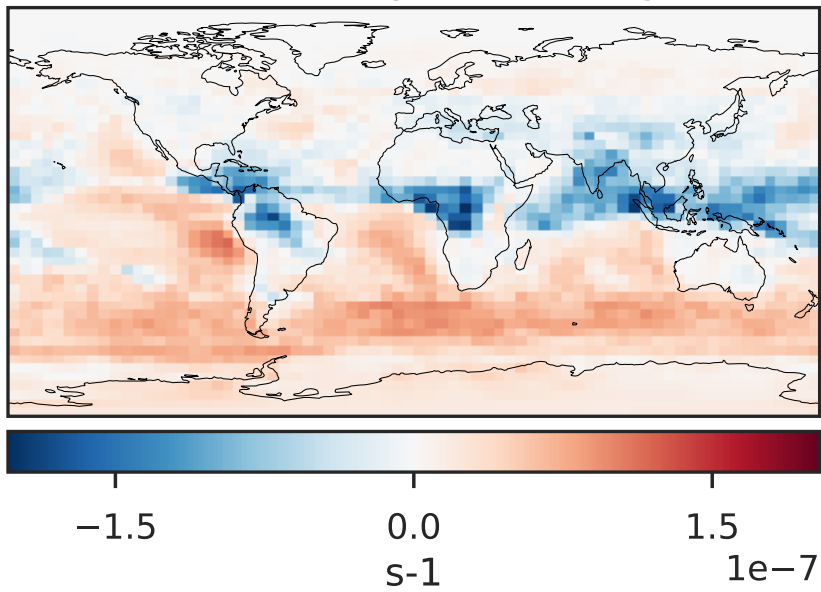
14.2.0-rc.2 (Ref)
4.0x5.0



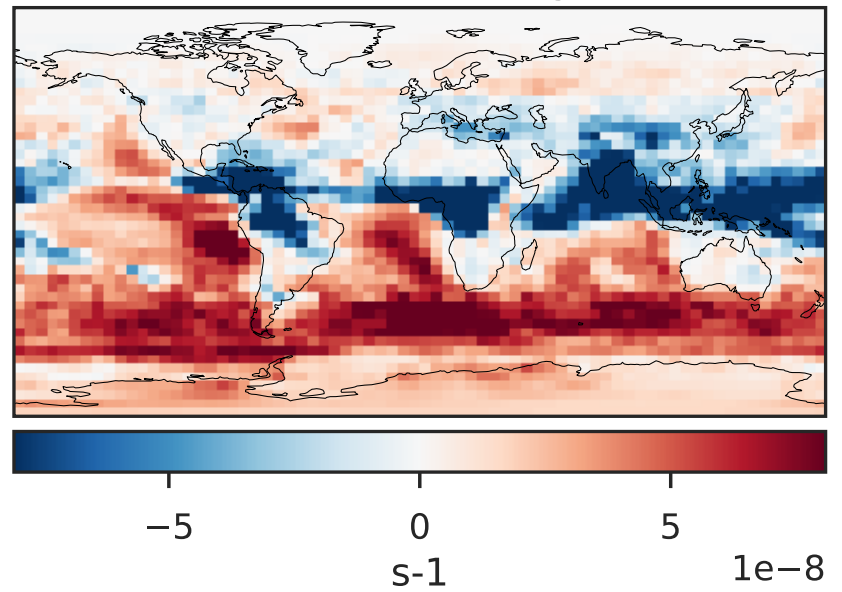
14.3.0-rc.0 (Dev)
4.0x5.0



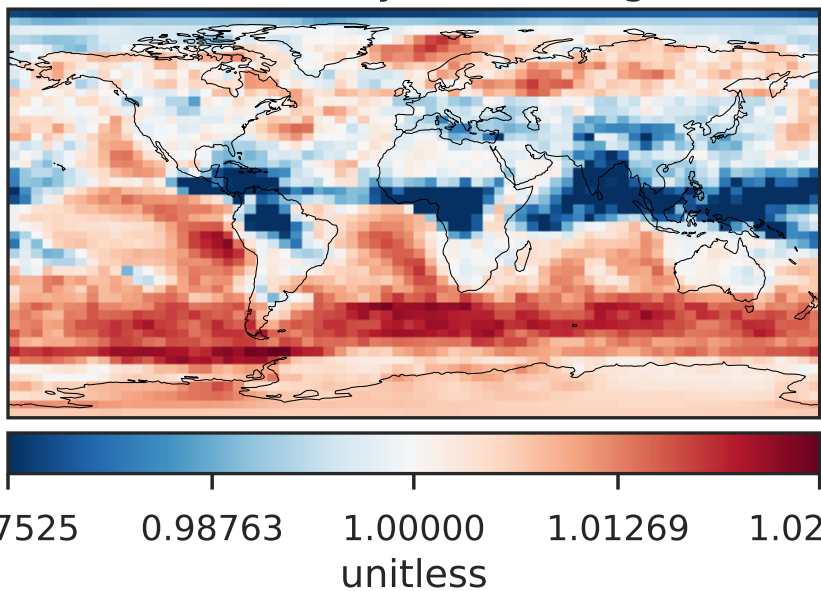
Difference
Dev - Ref, Dynamic Range



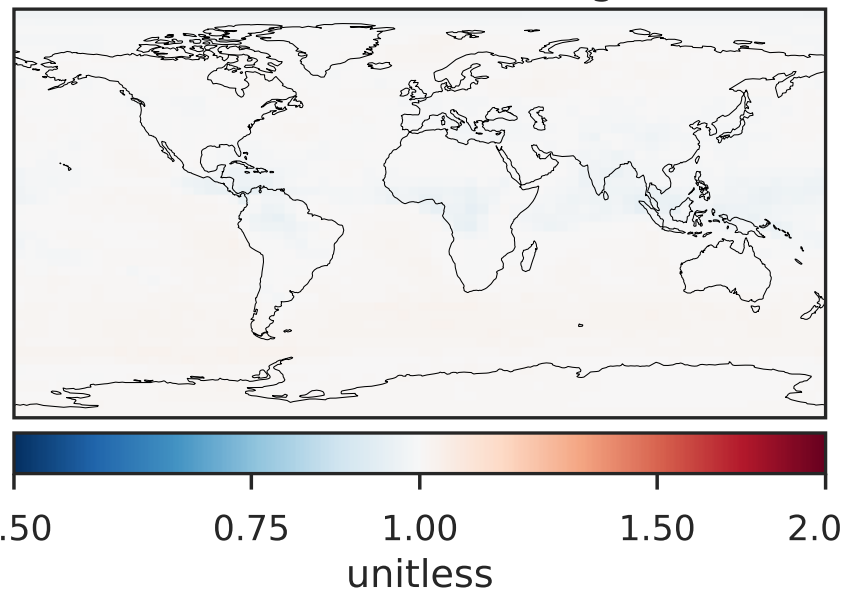
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

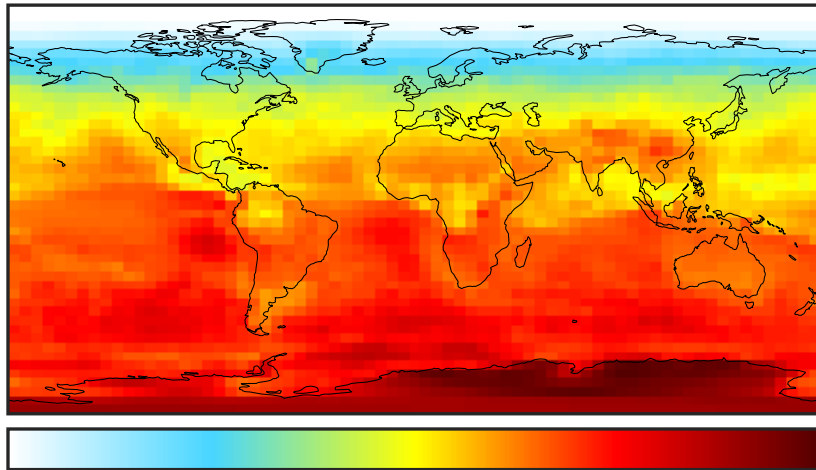


0.97525 0.98763 1.00000 1.01269 1.02537
unitless

0.50 0.75 1.00 1.50 2.00
unitless

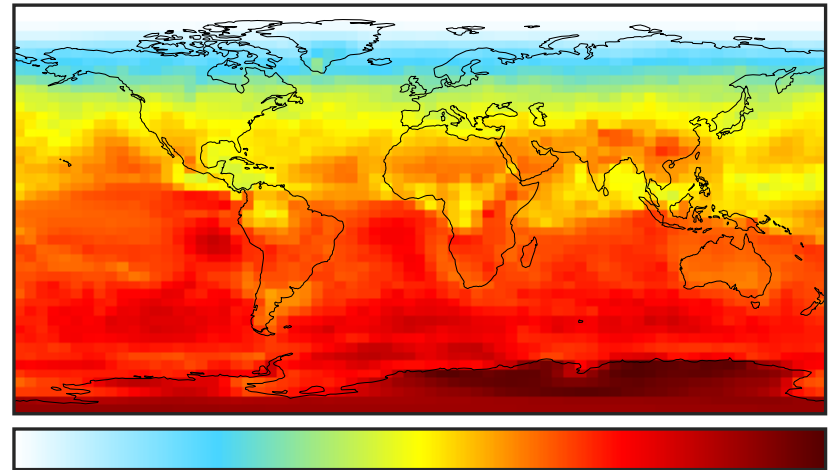
Jval_MVKHC (Oct2019)

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



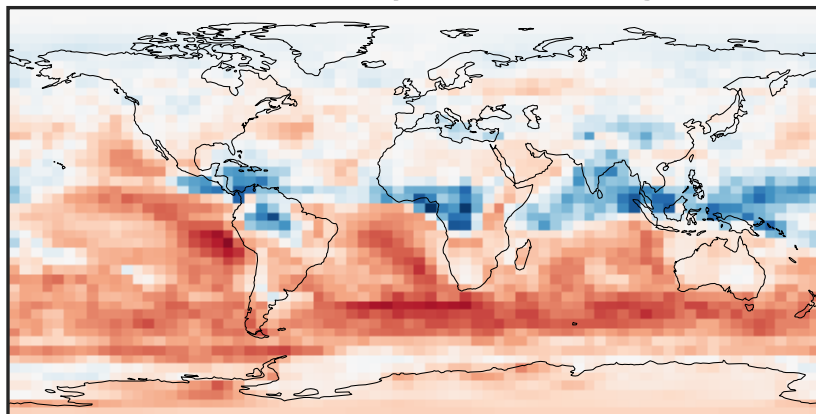
0.00006 0.00012 0.00018
s-1

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



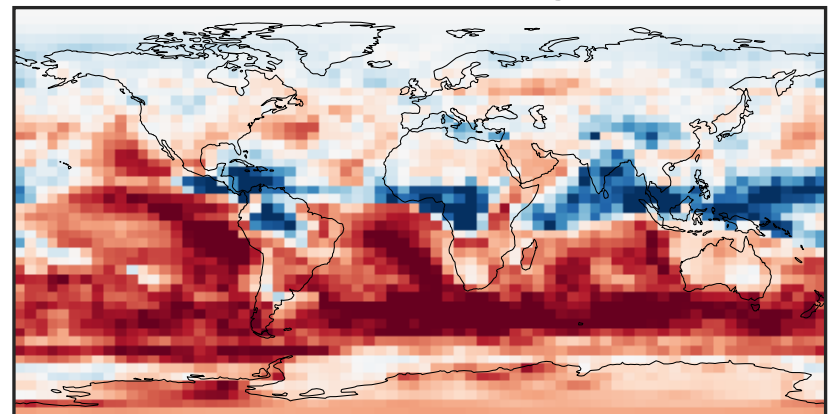
0.00006 0.00012 0.00018
s-1

Difference
Dev - Ref, Dynamic Range



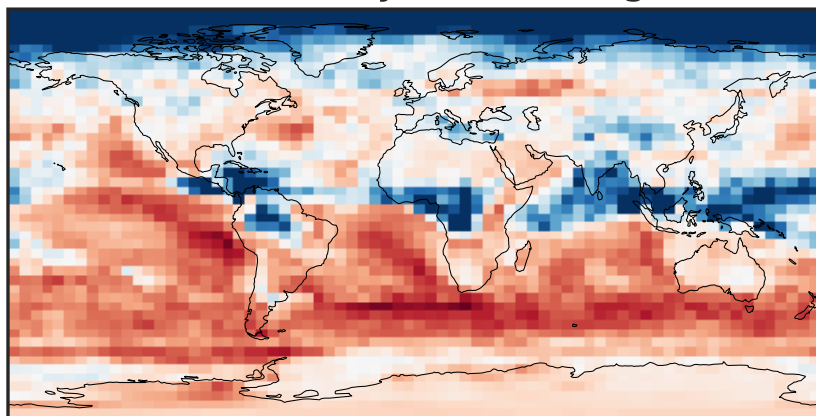
-4 0 4
s-1 1e-6

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



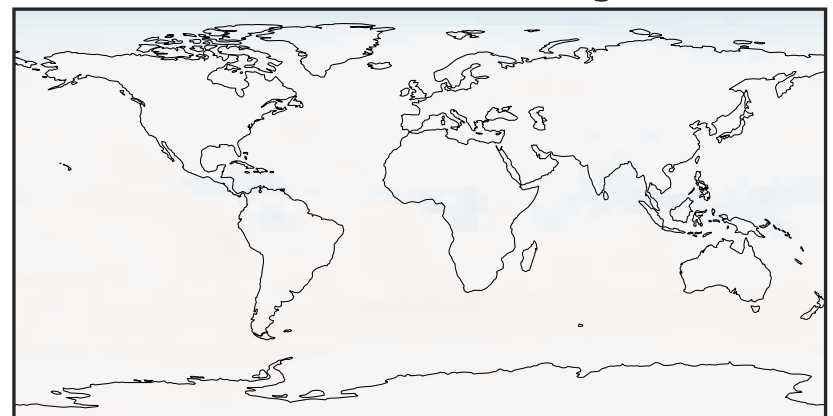
-2 0 2
s-1 1e-6

Ratio
Dev/Ref, Dynamic Range



0.96959 0.98479 1.00000 1.01568 1.03137
unitless

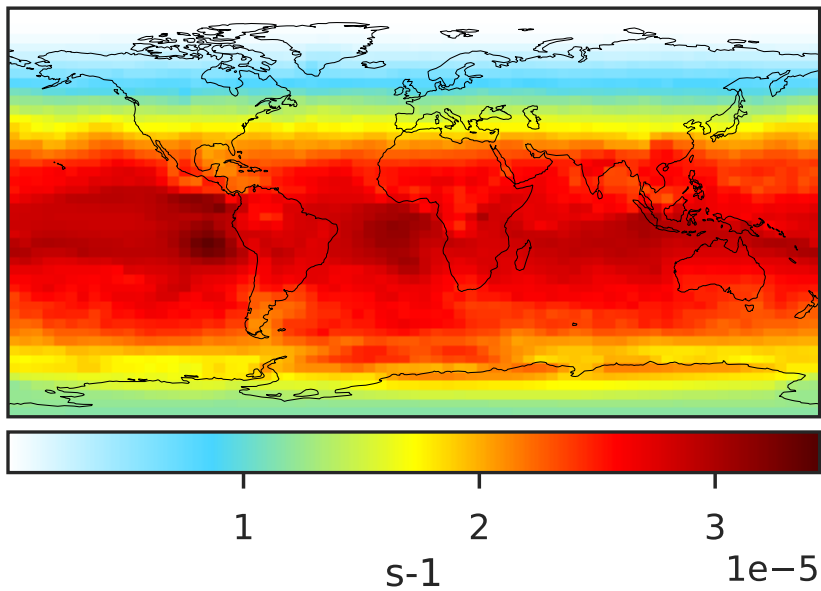
Ratio
Dev/Ref, Fixed Range



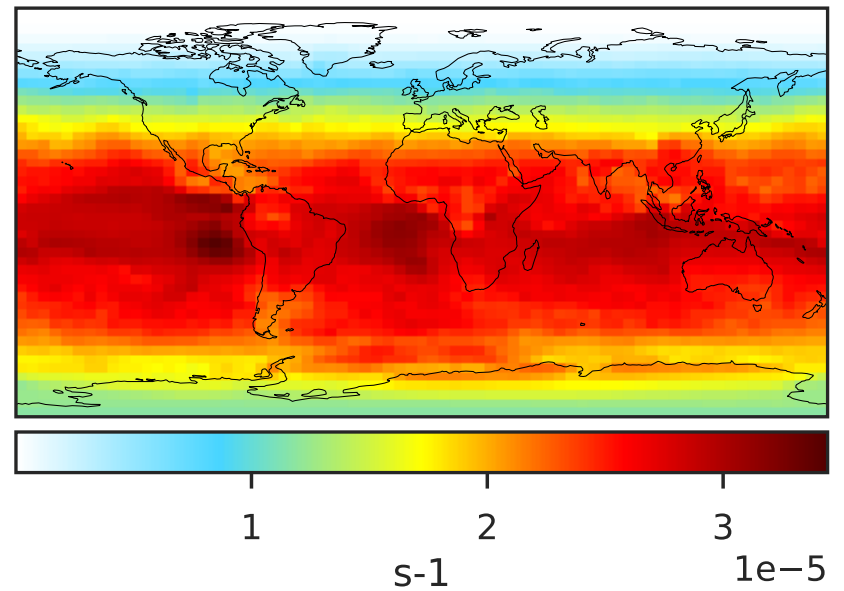
0.50 0.75 1.00 1.50 2.00
unitless

Jval_MVKHCB (Oct2019)

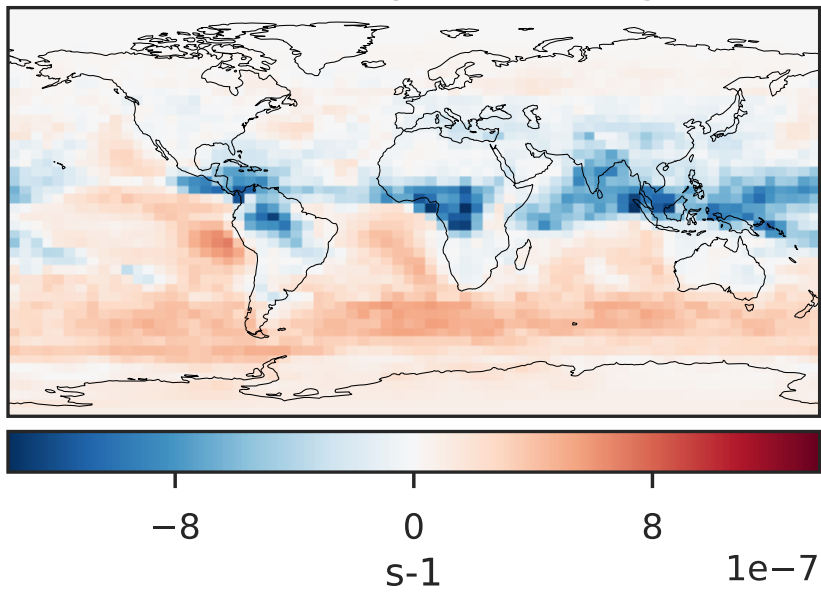
14.2.0-rc.2 (Ref)
4.0x5.0



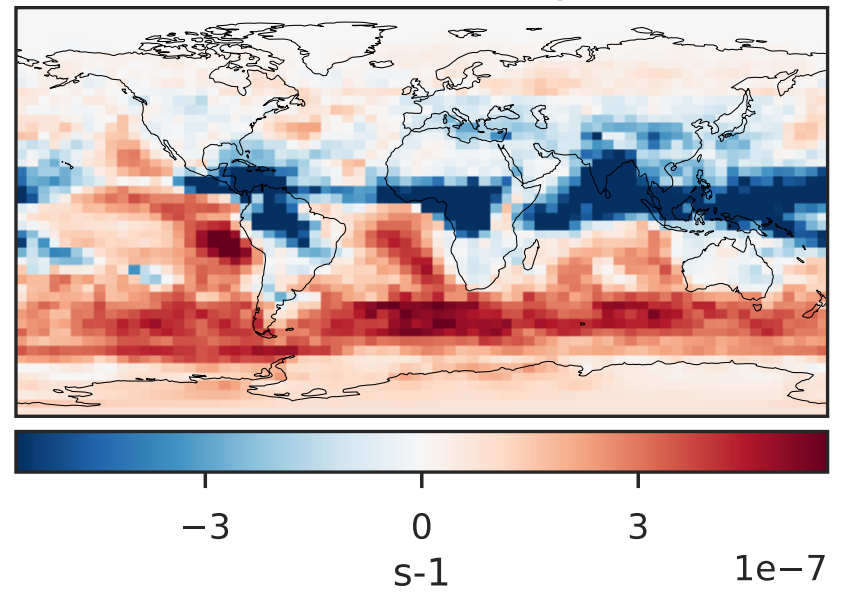
14.3.0-rc.0 (Dev)
4.0x5.0



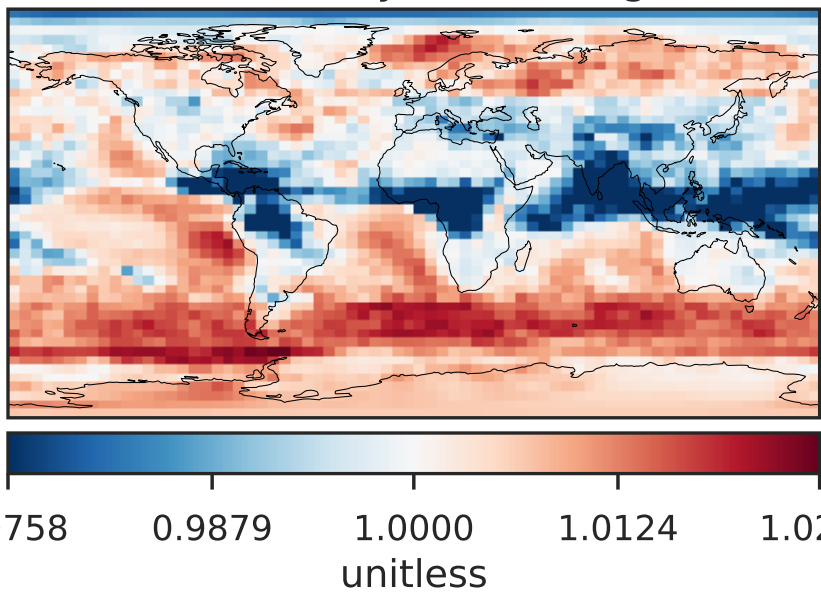
Difference
Dev - Ref, Dynamic Range



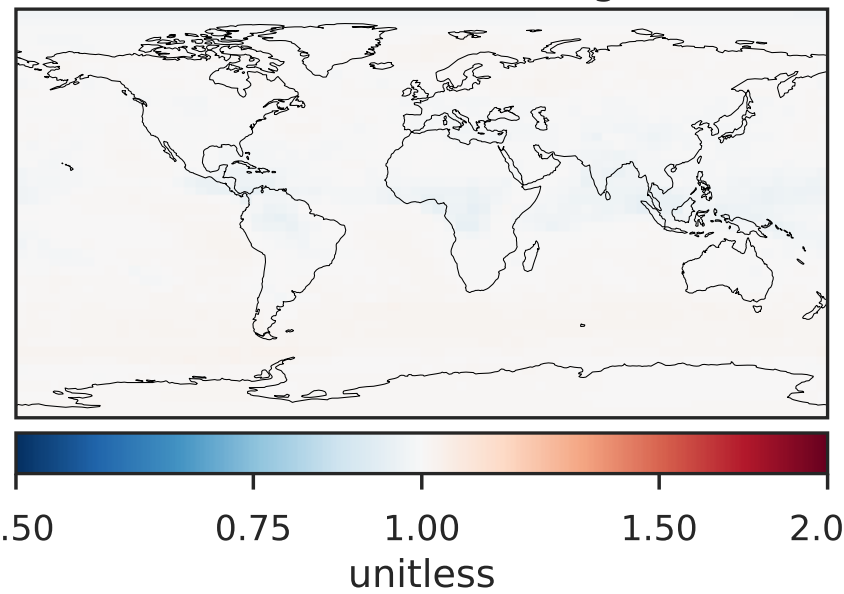
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

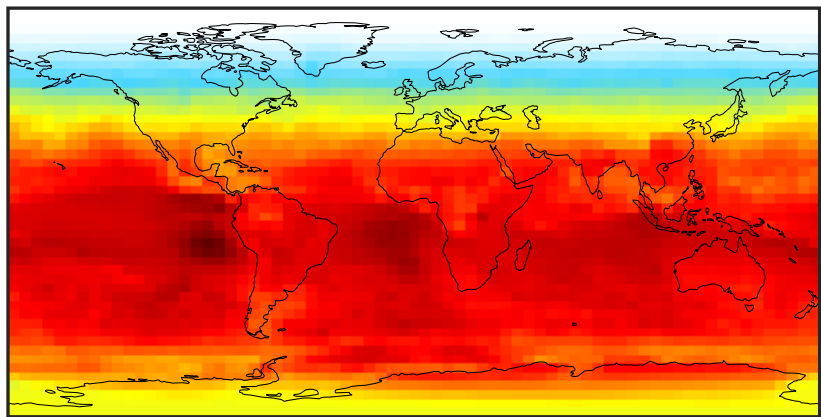


Ratio
Dev/Ref, Fixed Range



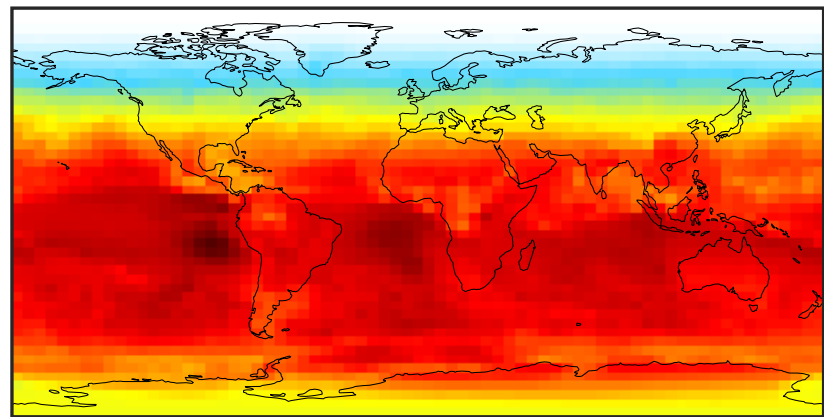
Jval_MVKHP (Oct2019)

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



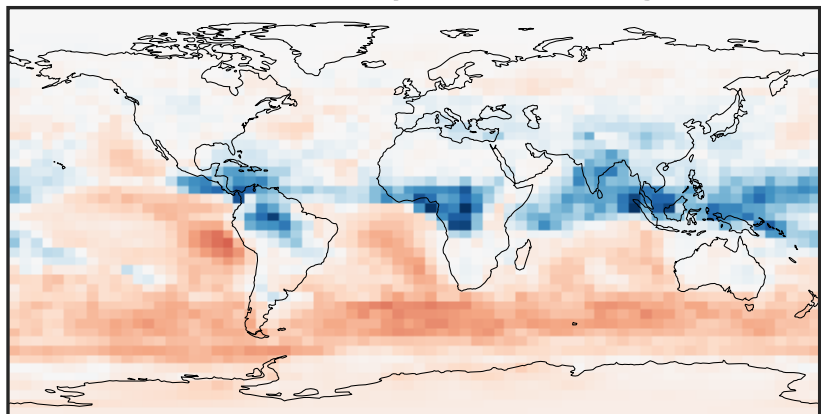
1.5 3.0
s-1 1e-6

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



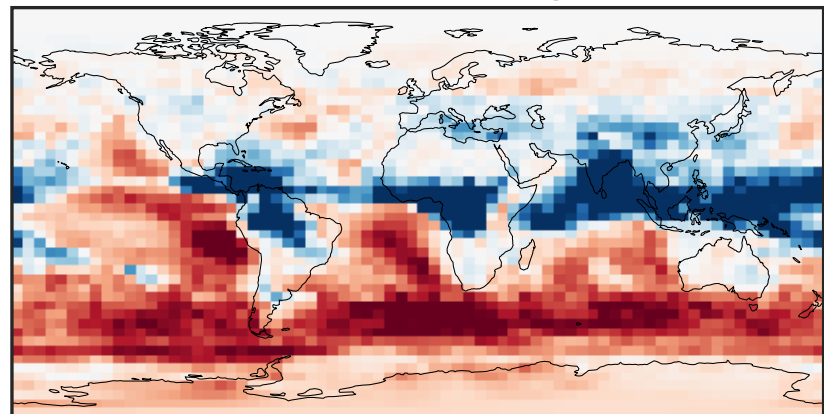
1.5 3.0
s-1 1e-6

Difference
Dev - Ref, Dynamic Range



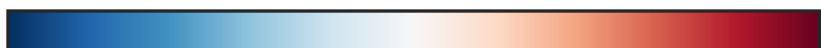
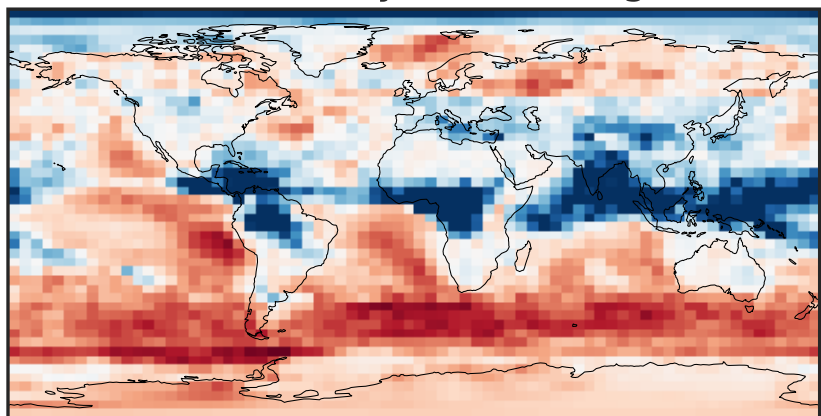
-8 0 8
s-1 1e-8

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



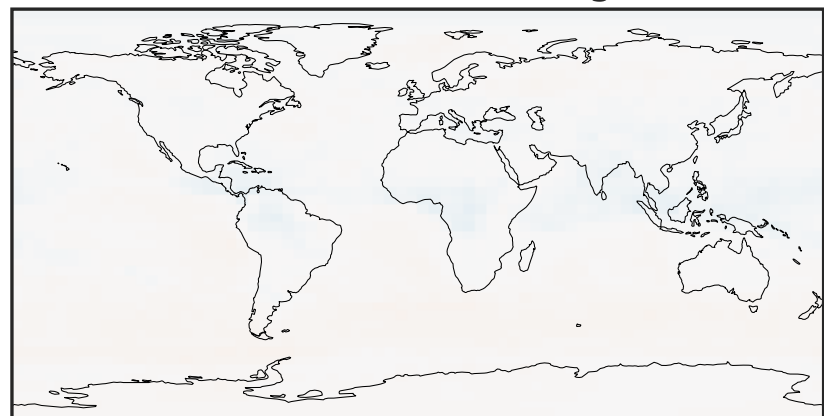
-4 0 4
s-1 1e-8

Ratio
Dev/Ref, Dynamic Range



0.97544 0.98772 1.00000 1.01259 1.02518
unitless

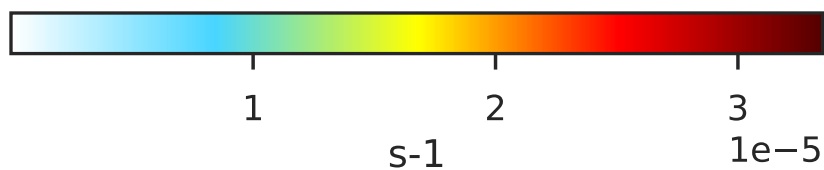
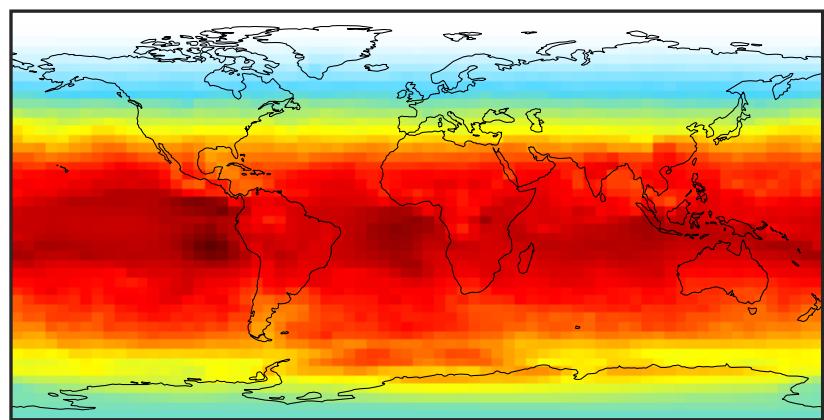
Ratio
Dev/Ref, Fixed Range



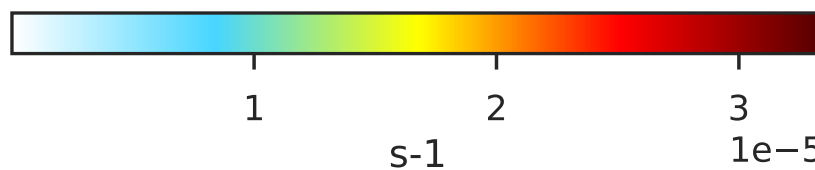
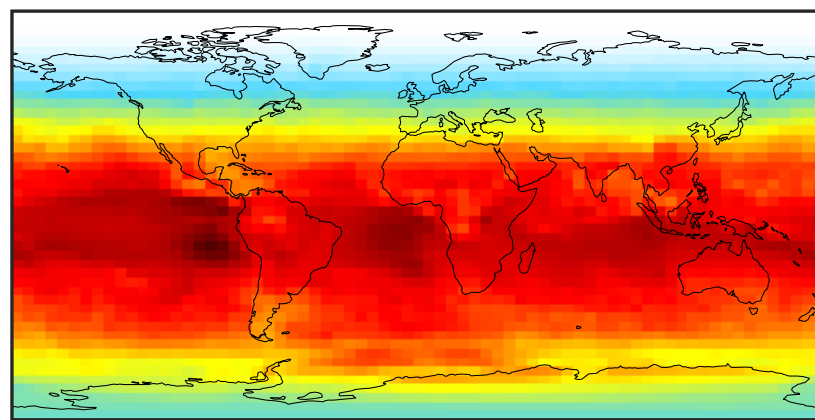
0.50 0.75 1.00 1.50 2.00
unitless

Jval_MVKN (Oct2019)

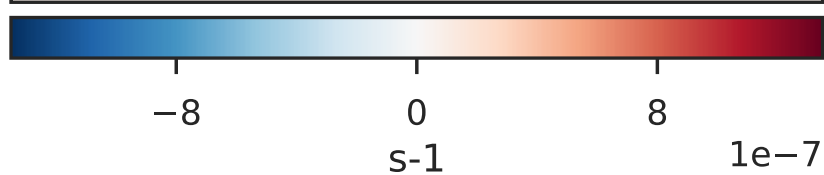
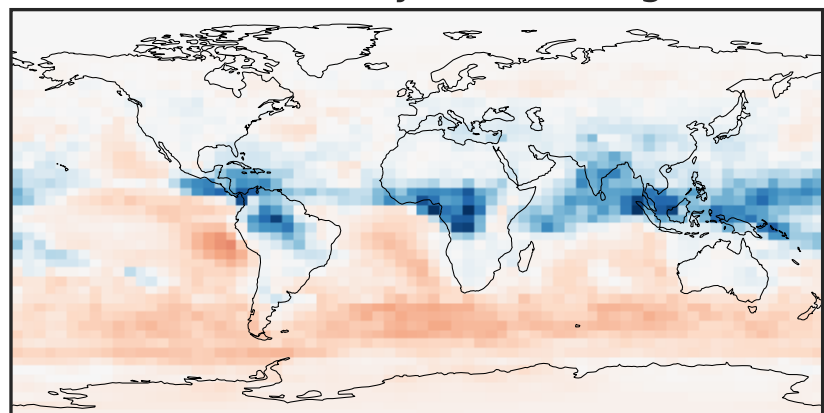
14.2.0-rc.2 (Ref)
4.0x5.0



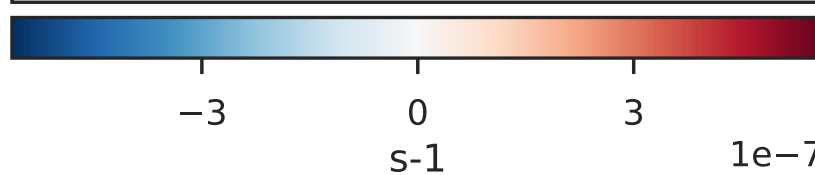
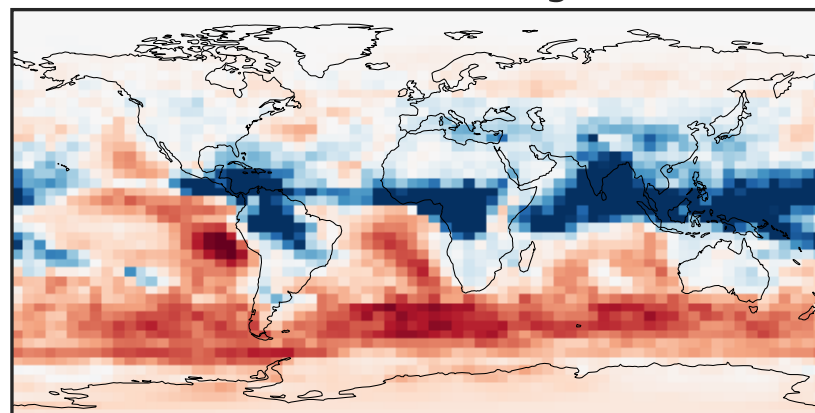
14.3.0-rc.0 (Dev)
4.0x5.0



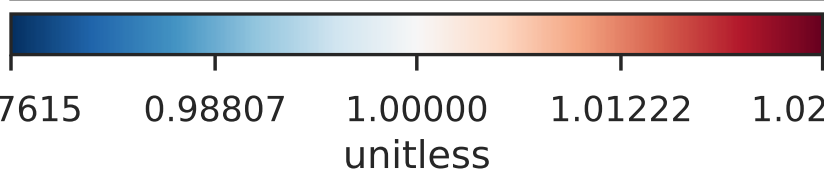
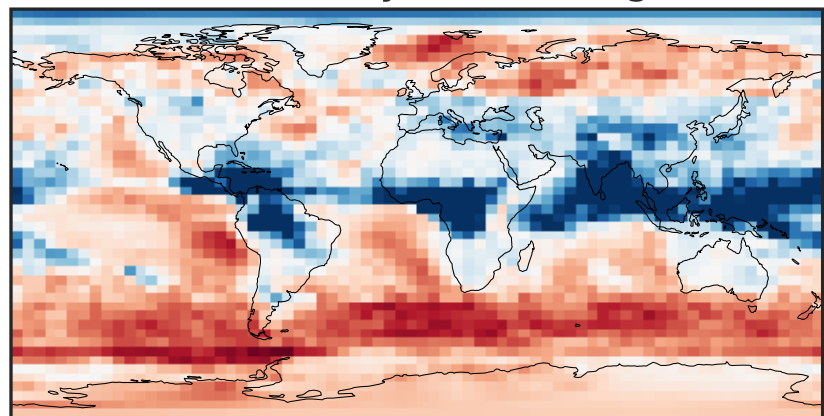
Difference
Dev - Ref, Dynamic Range



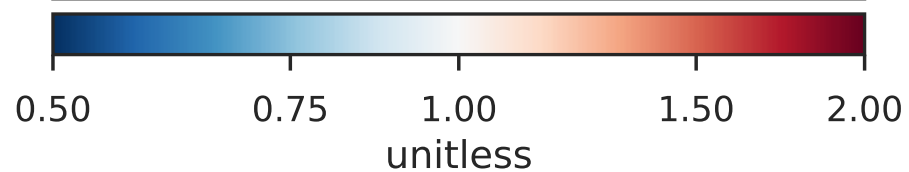
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

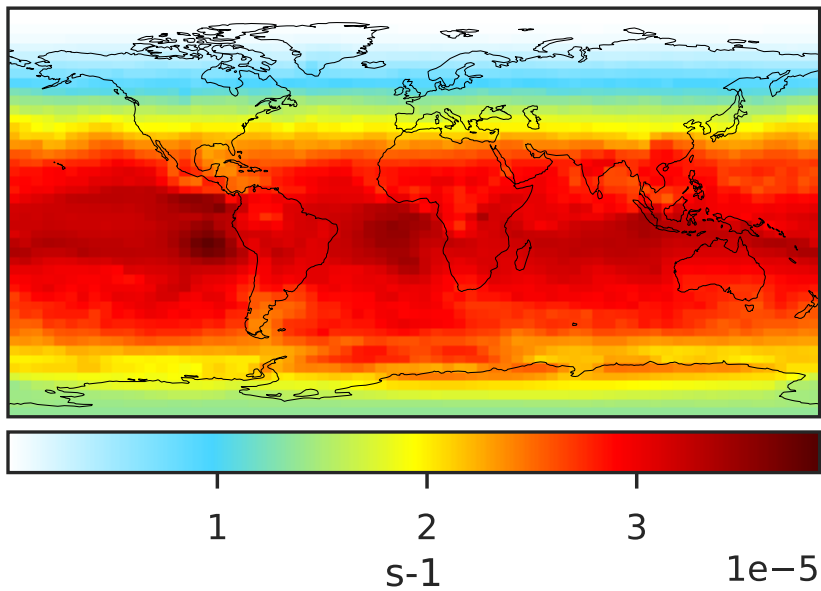


Ratio
Dev/Ref, Fixed Range

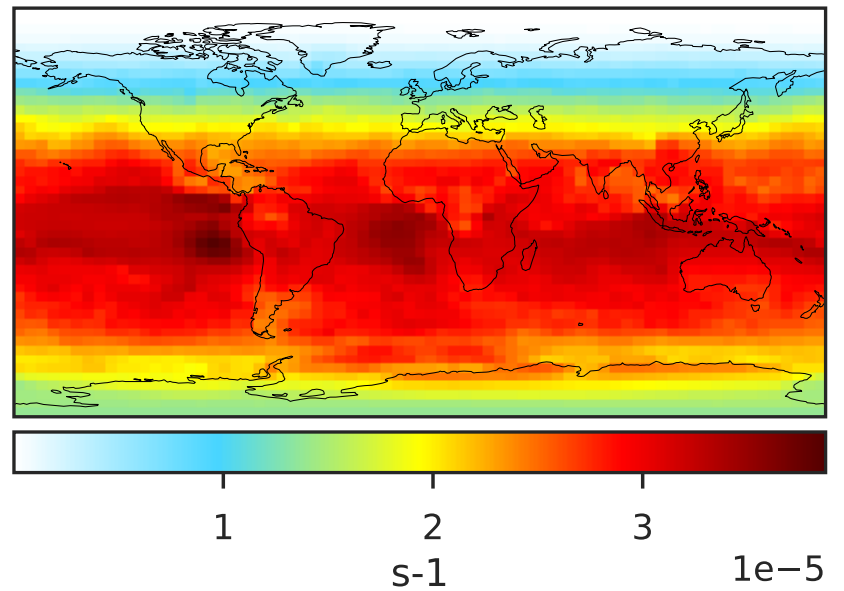


Jval_MVKPC (Oct2019)

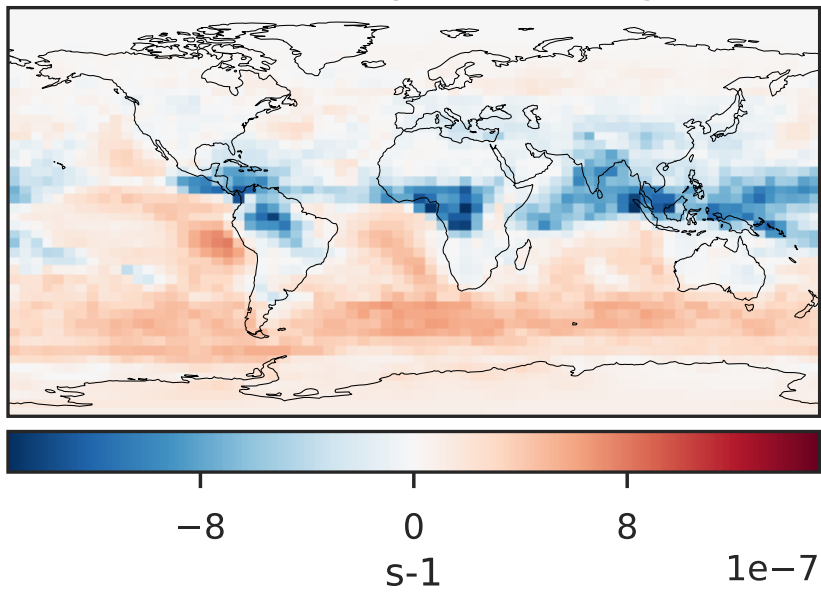
14.2.0-rc.2 (Ref)
4.0x5.0



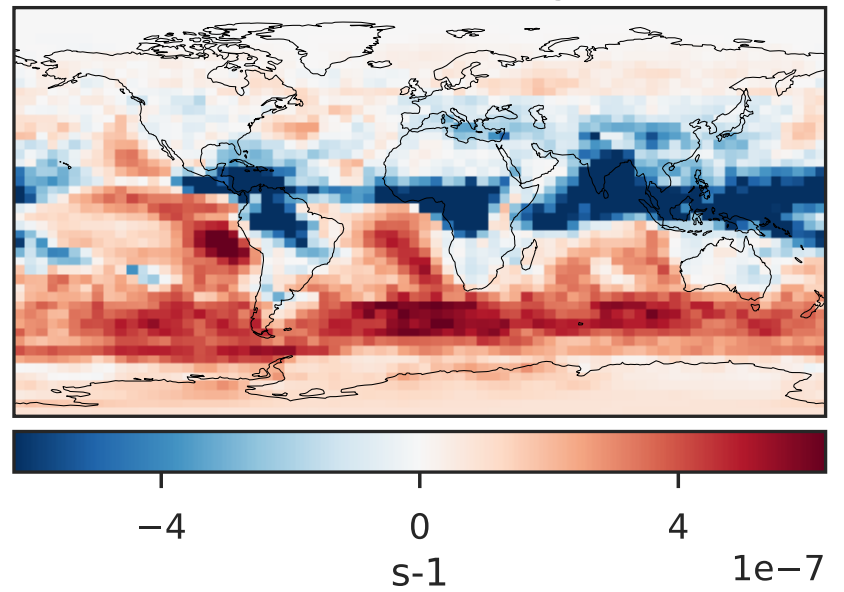
14.3.0-rc.0 (Dev)
4.0x5.0



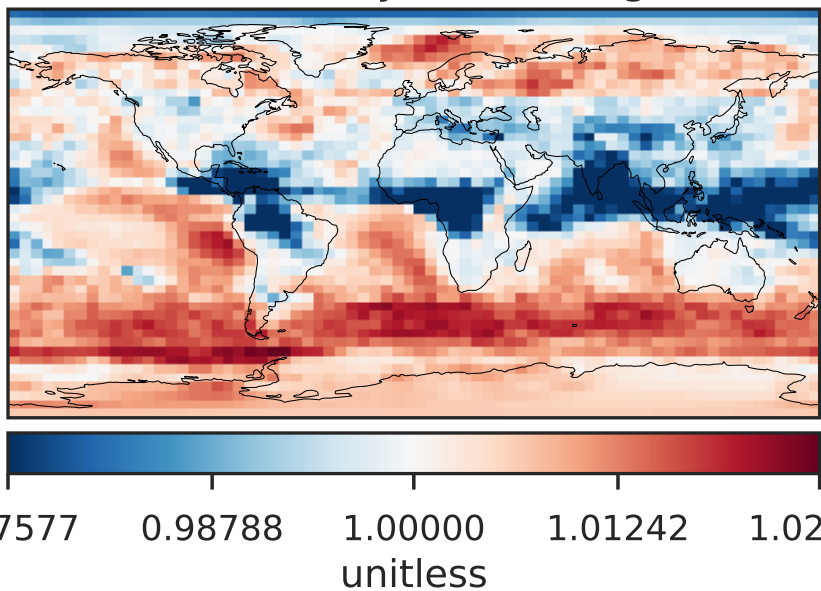
Difference
Dev - Ref, Dynamic Range



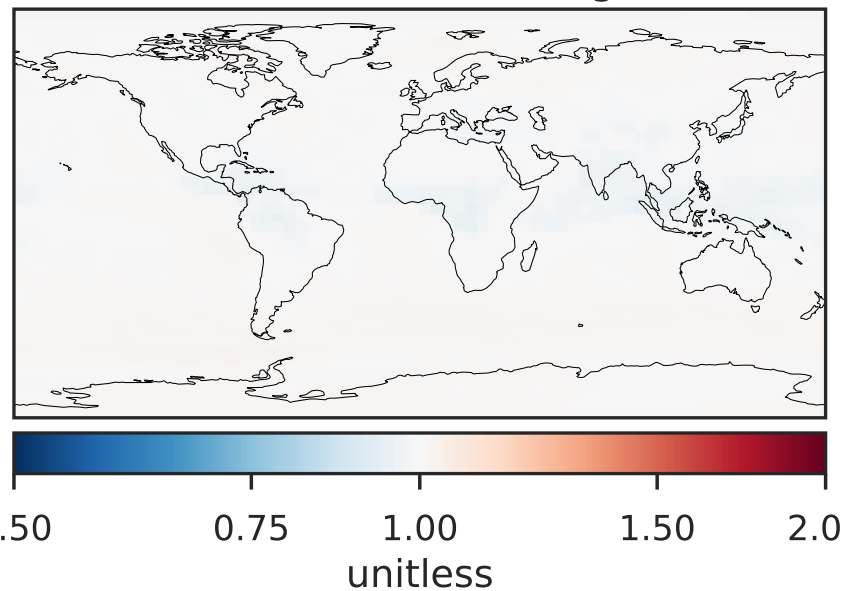
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

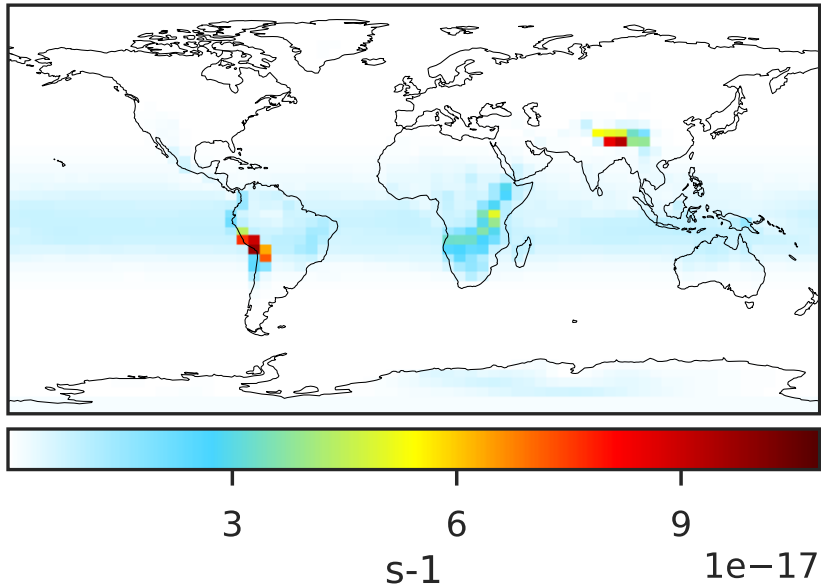


Ratio
Dev/Ref, Fixed Range

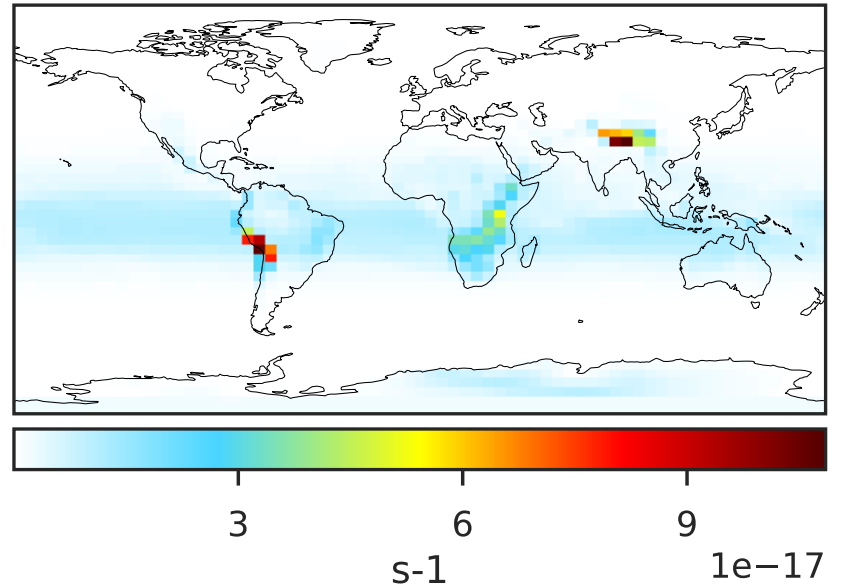


Jval_N20 (Oct2019)

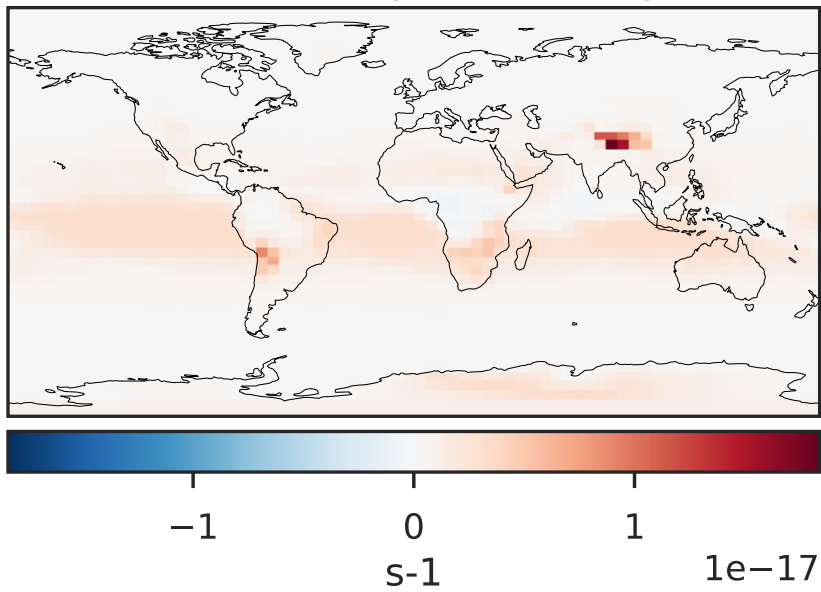
14.2.0-rc.2 (Ref)
4.0x5.0



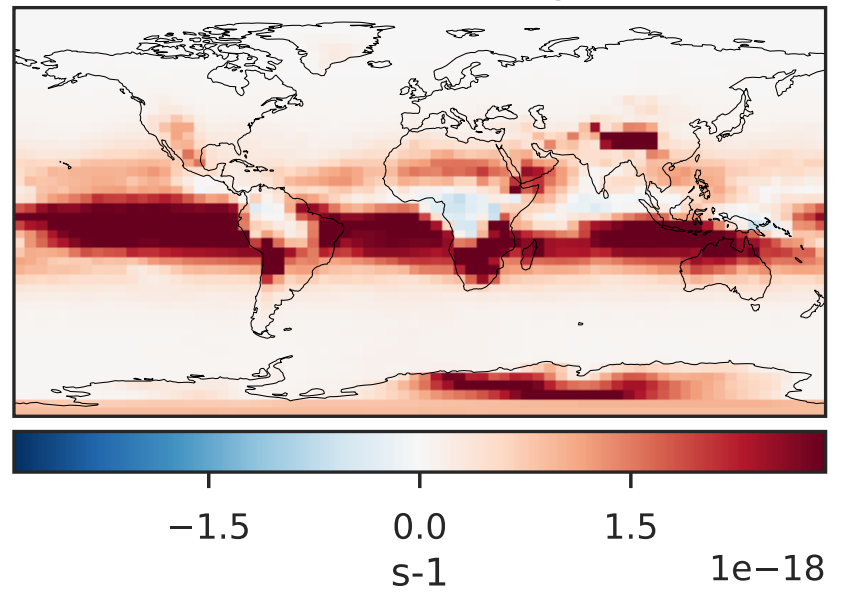
14.3.0-rc.0 (Dev)
4.0x5.0



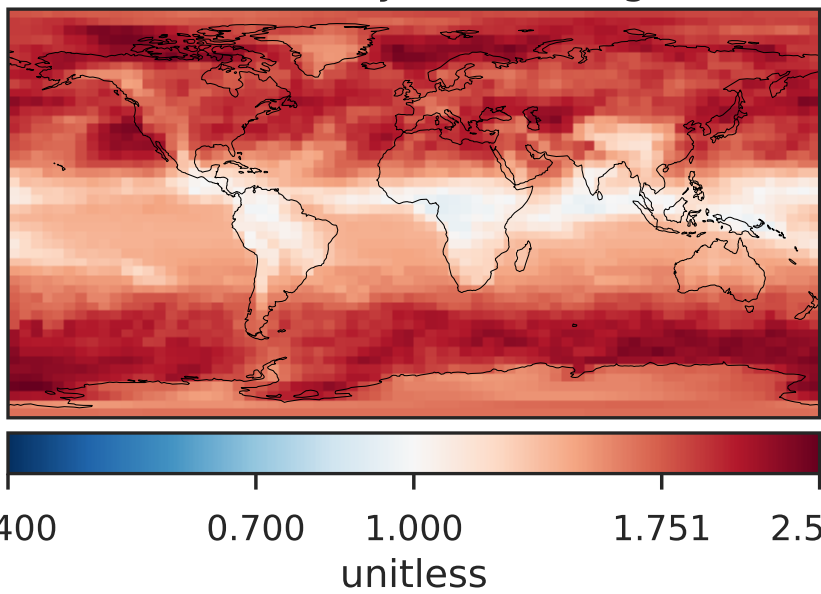
Difference
Dev - Ref, Dynamic Range



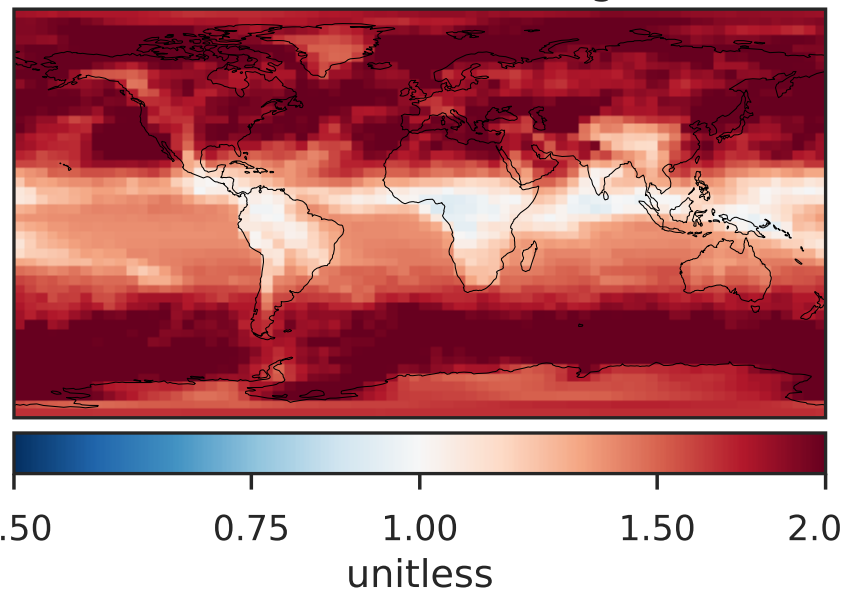
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

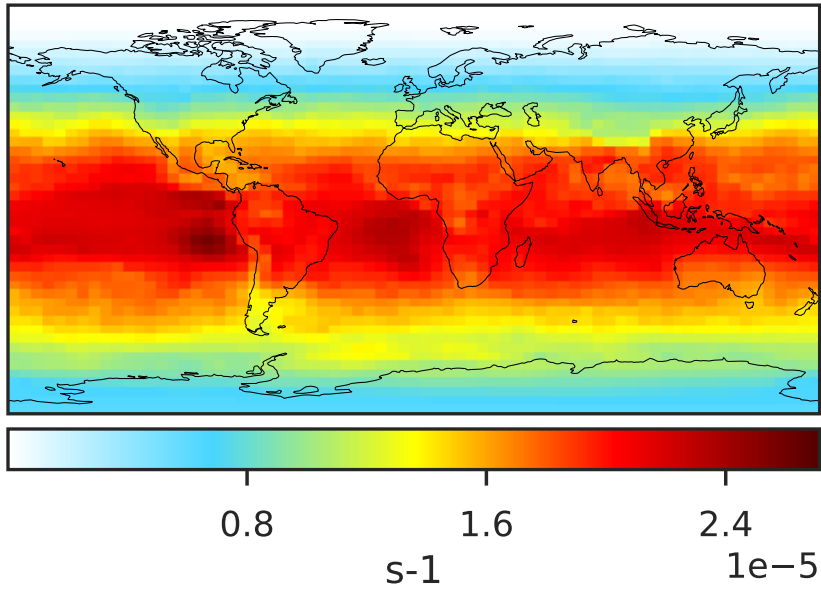


Ratio
Dev/Ref, Fixed Range

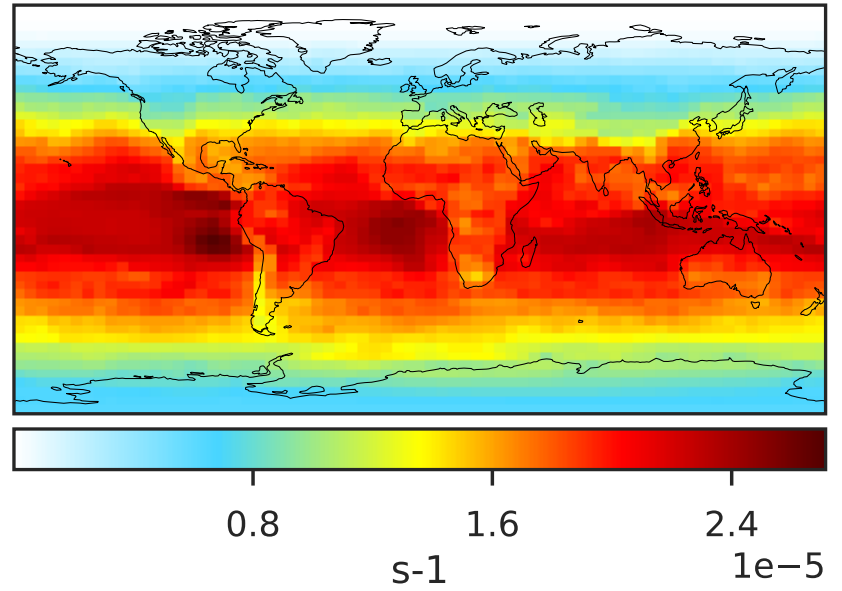


Jval_N205 (Oct2019)

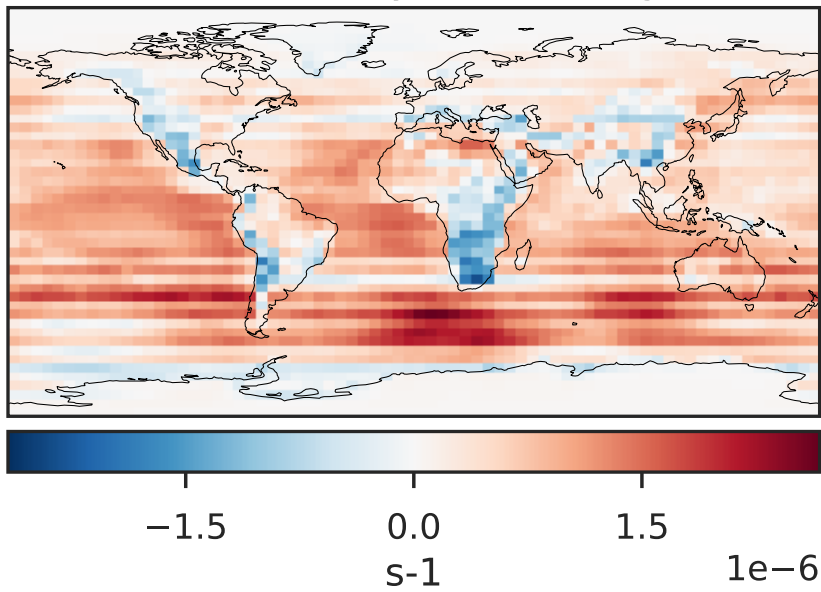
14.2.0-rc.2 (Ref)
4.0x5.0



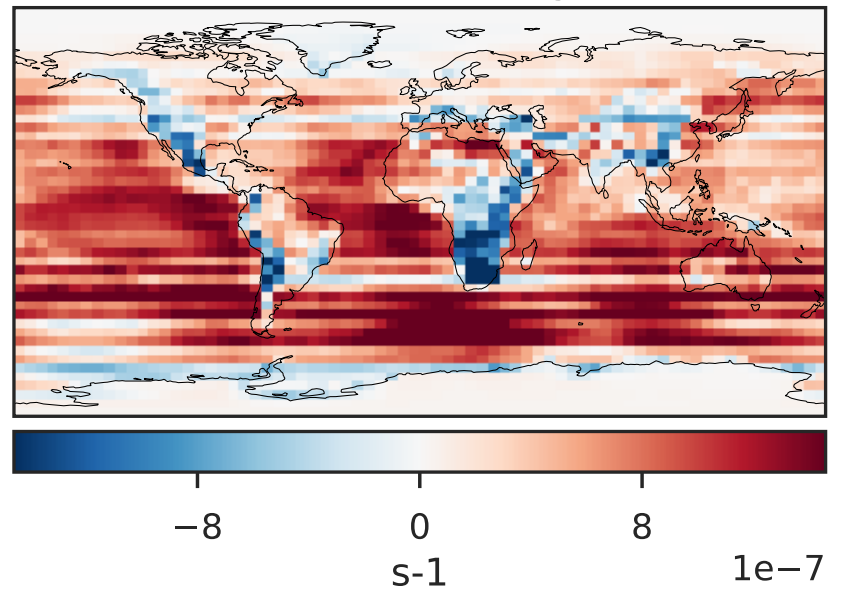
14.3.0-rc.0 (Dev)
4.0x5.0



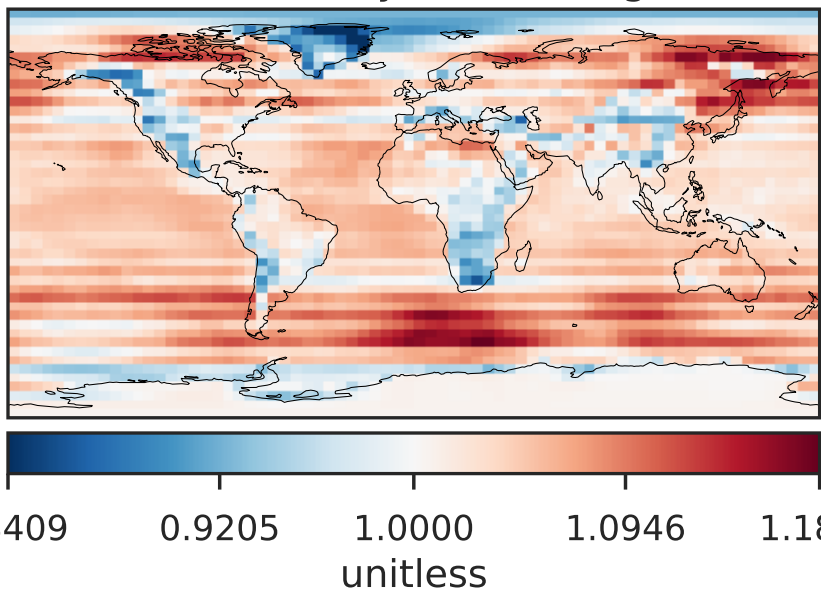
Difference
Dev - Ref, Dynamic Range



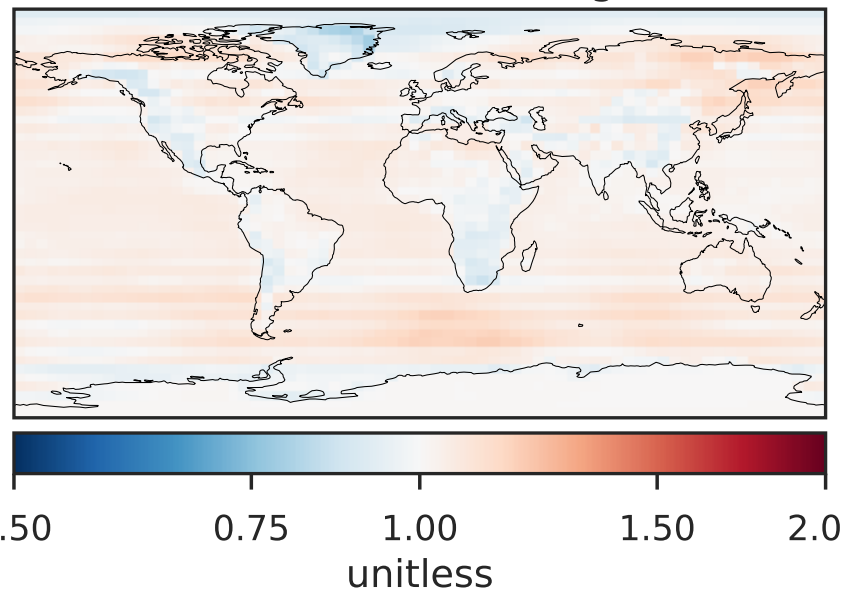
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

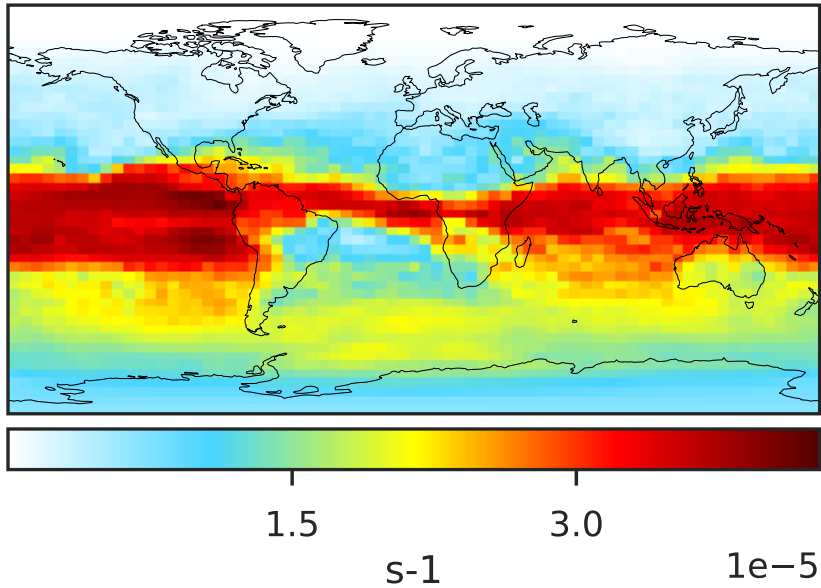


Ratio
Dev/Ref, Fixed Range

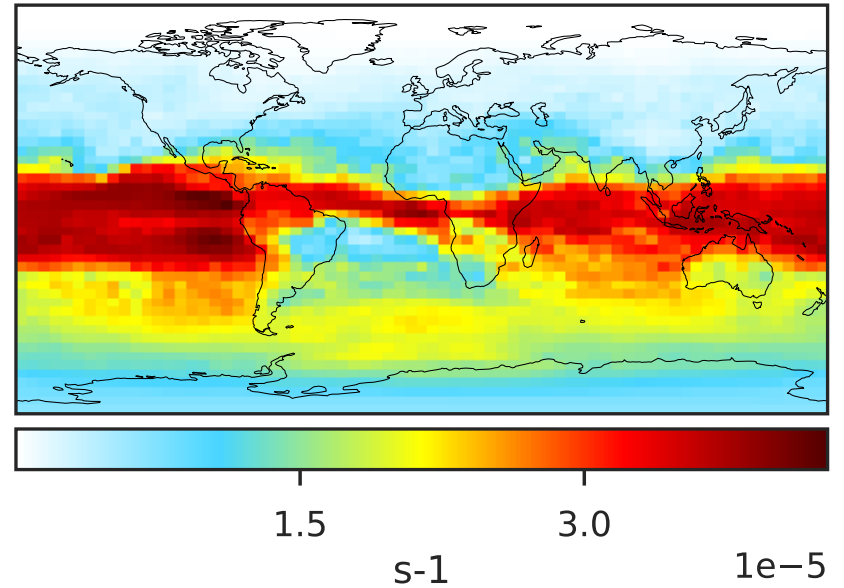


Jval_NIT (Oct2019)

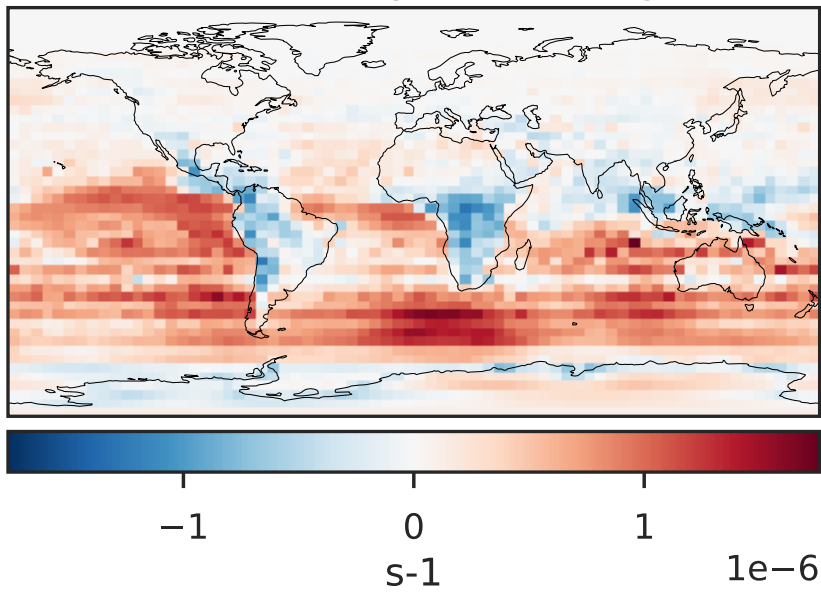
14.2.0-rc.2 (Ref)
4.0x5.0



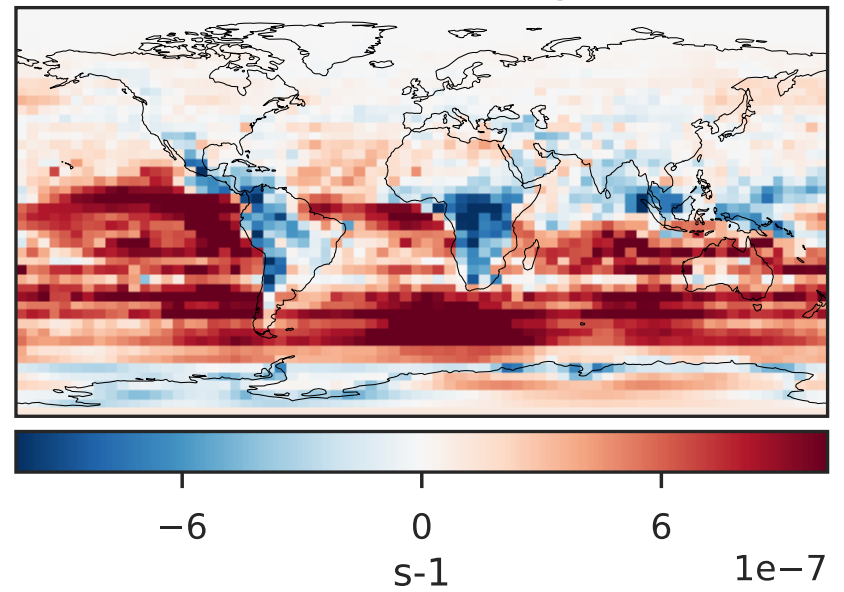
14.3.0-rc.0 (Dev)
4.0x5.0



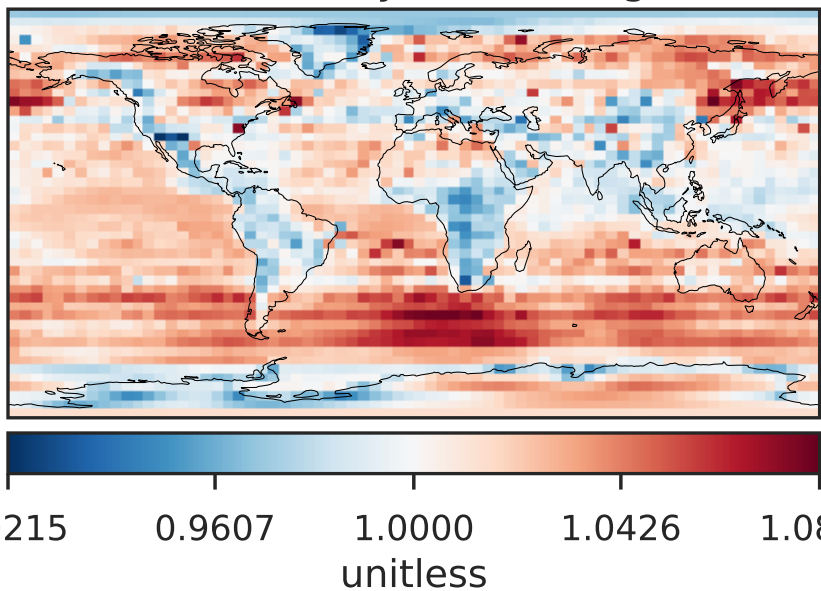
Difference
Dev - Ref, Dynamic Range



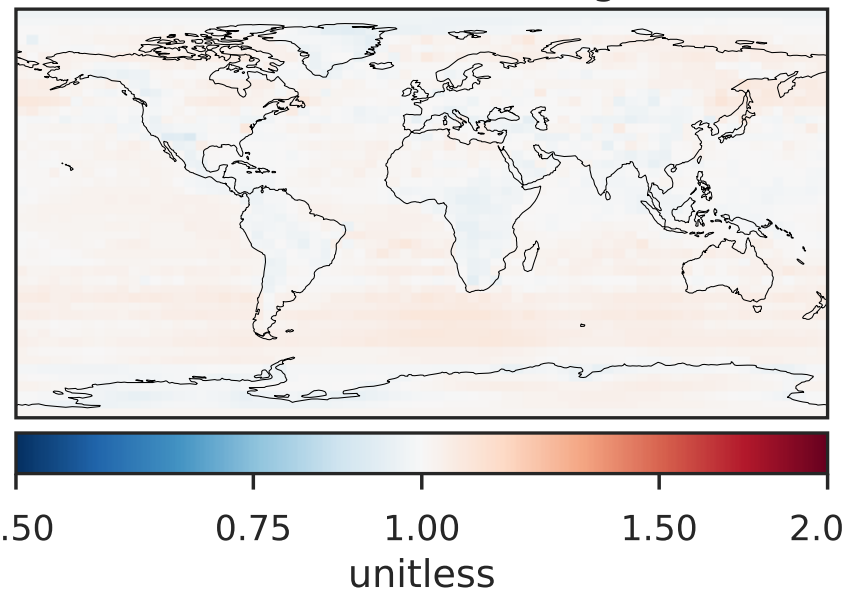
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

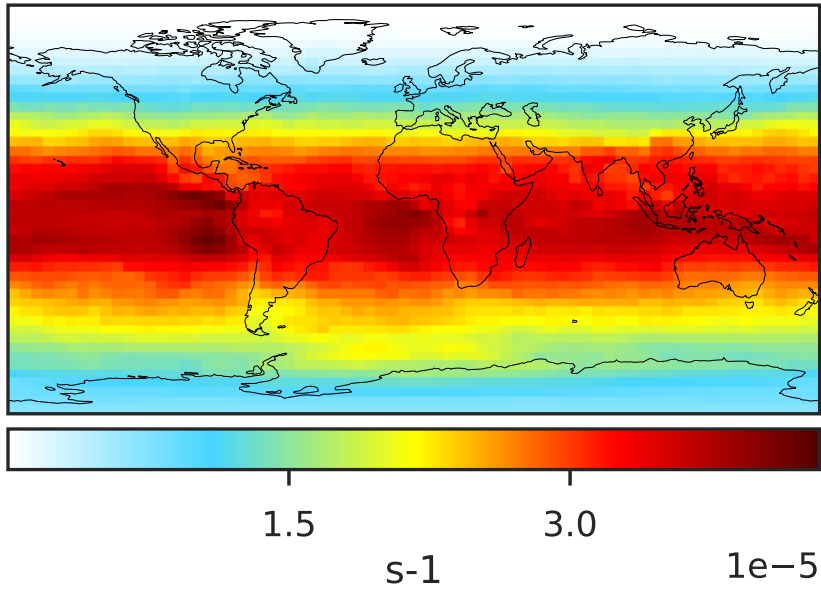


Ratio
Dev/Ref, Fixed Range

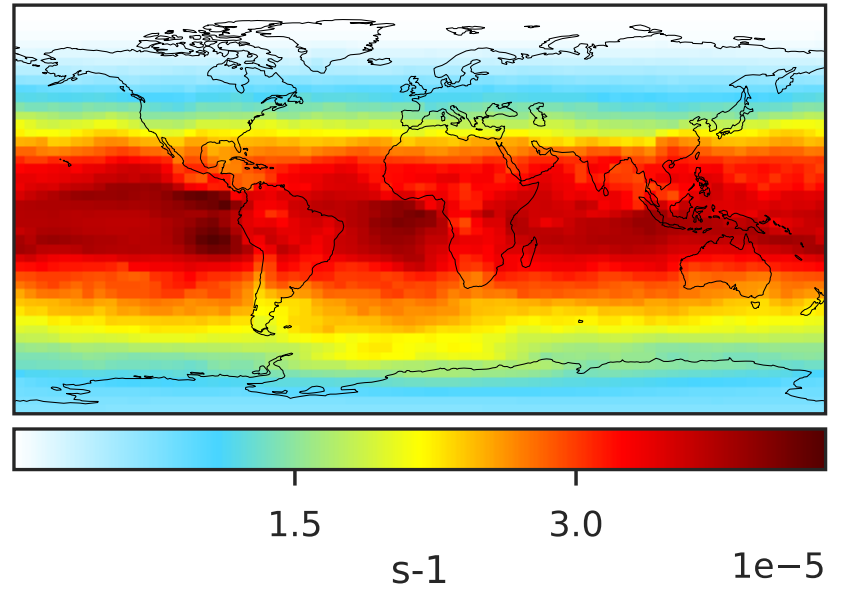


Jval_NITs (Oct2019)

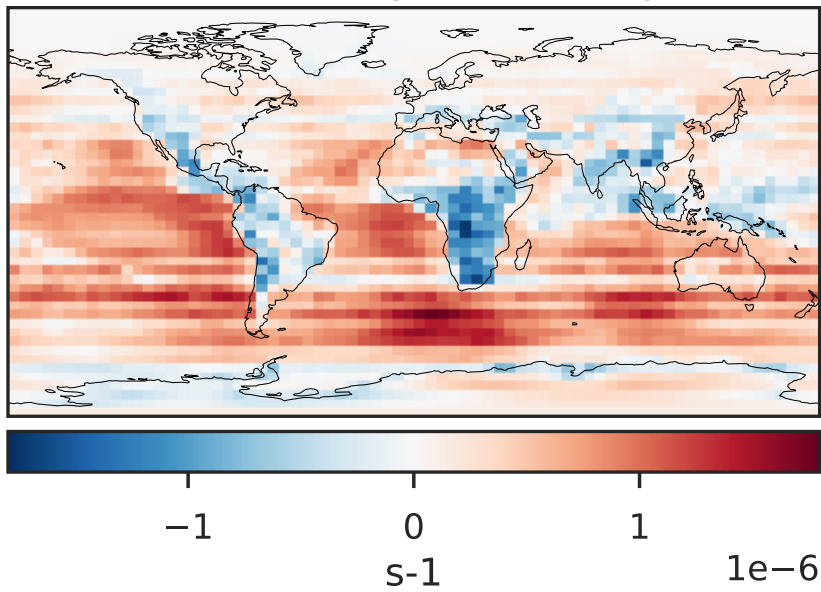
14.2.0-rc.2 (Ref)
4.0x5.0



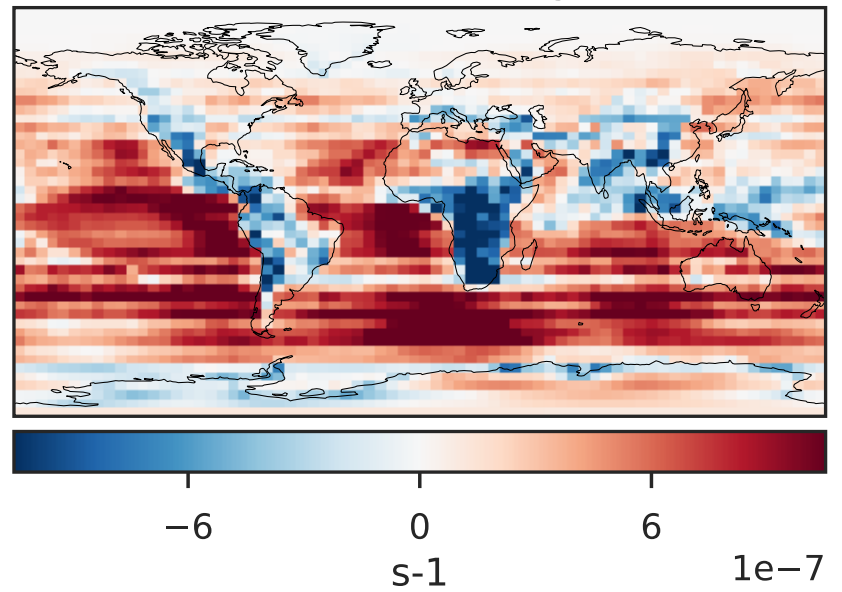
14.3.0-rc.0 (Dev)
4.0x5.0



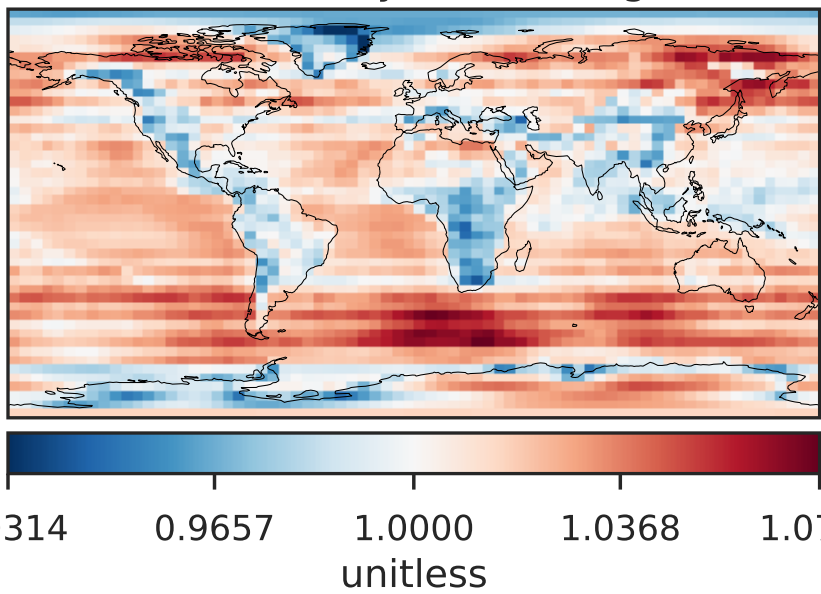
Difference
Dev - Ref, Dynamic Range



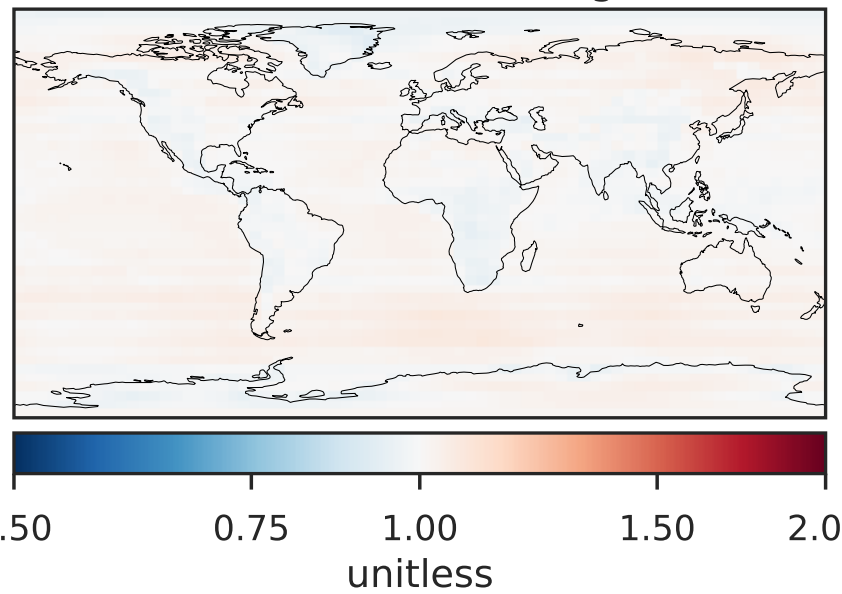
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

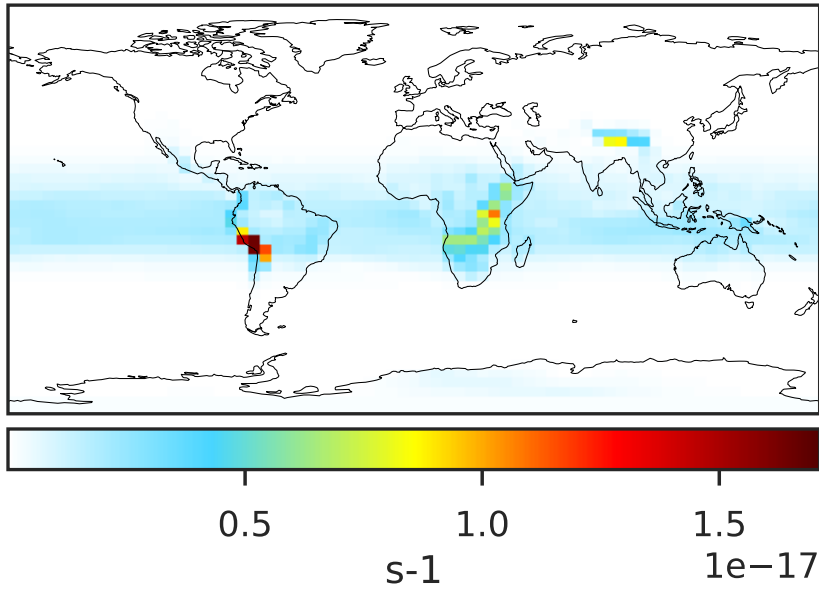


Ratio
Dev/Ref, Fixed Range

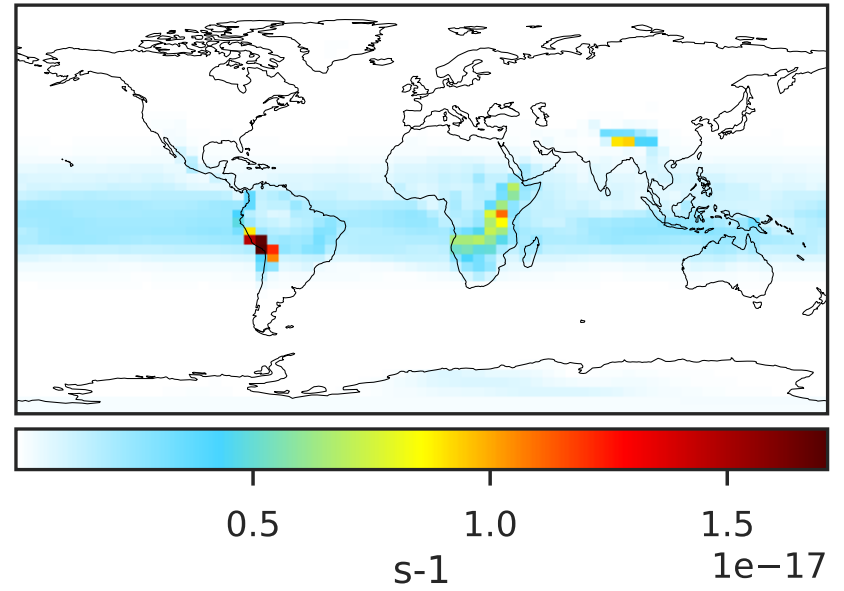


Jval_NO (Oct2019)

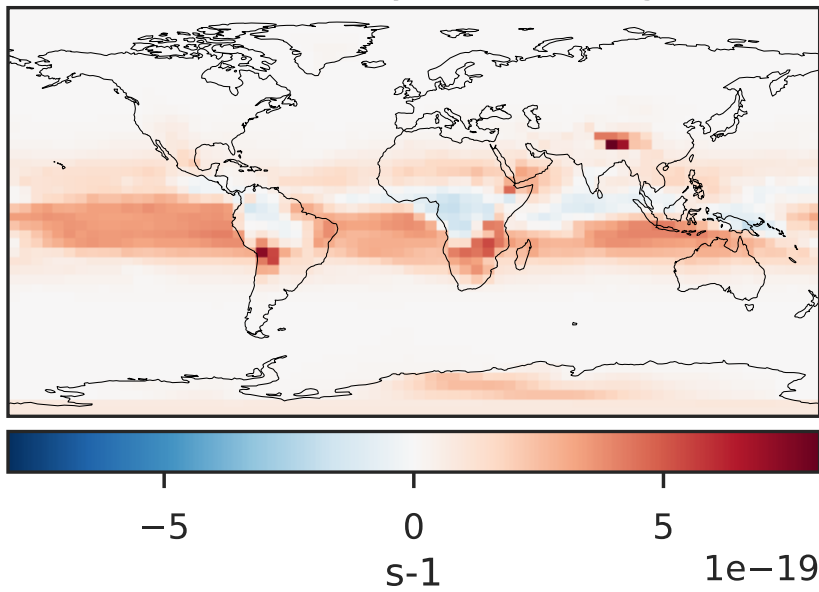
14.2.0-rc.2 (Ref)
4.0x5.0



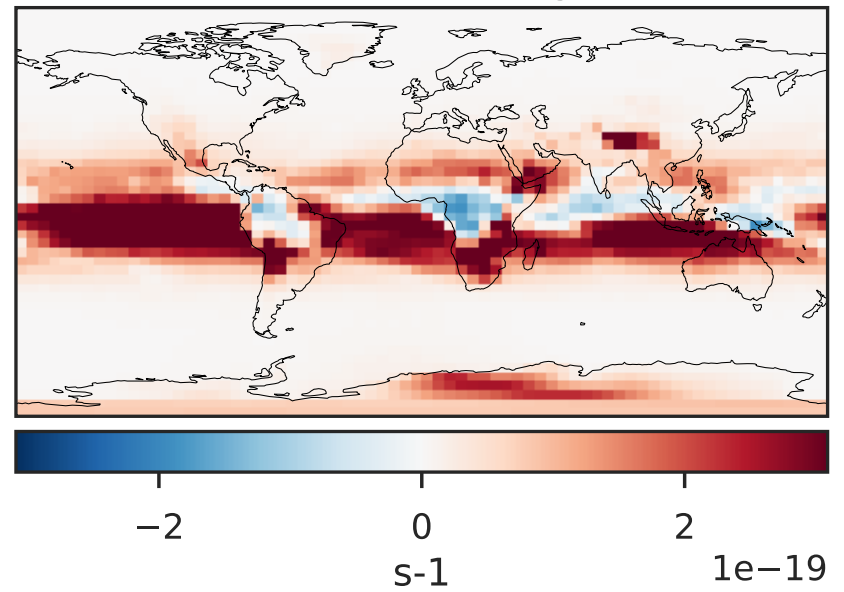
14.3.0-rc.0 (Dev)
4.0x5.0



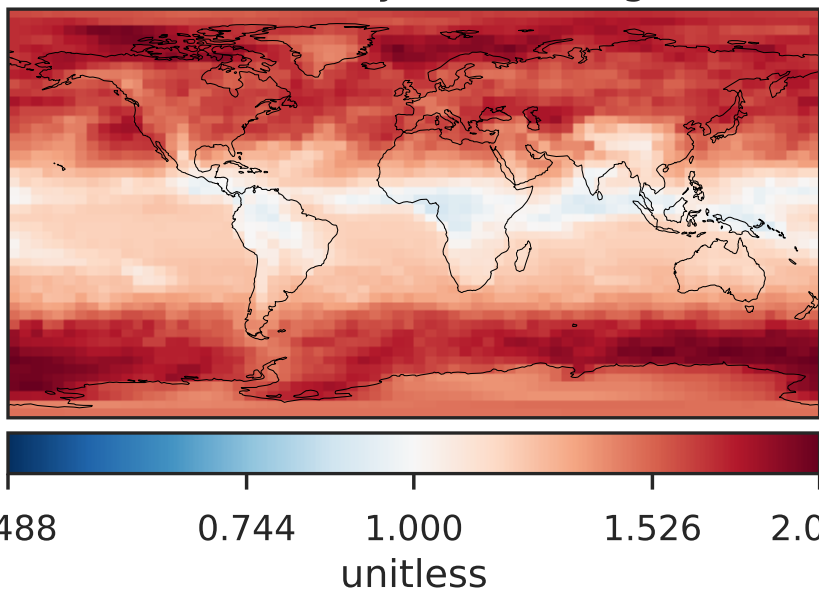
Difference
Dev - Ref, Dynamic Range



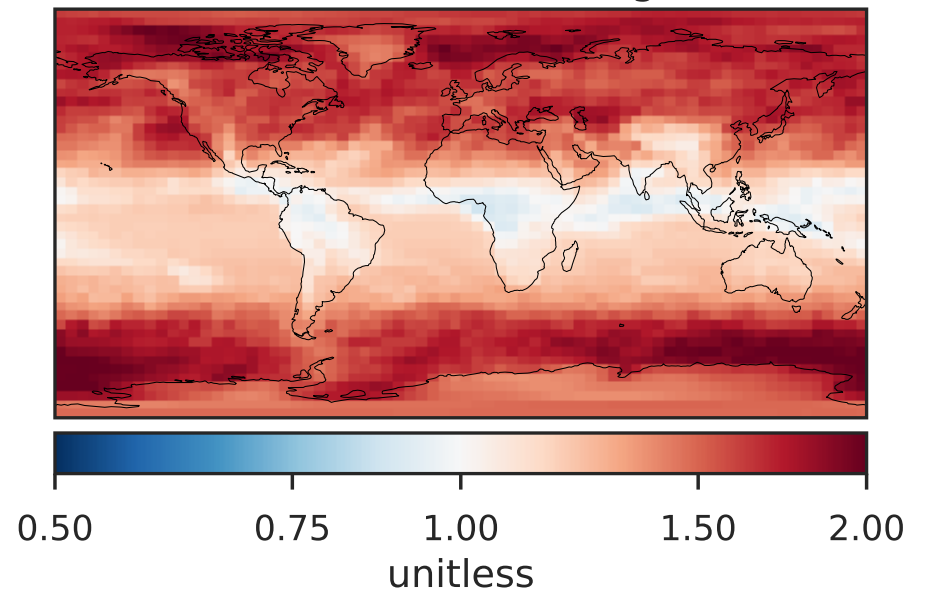
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

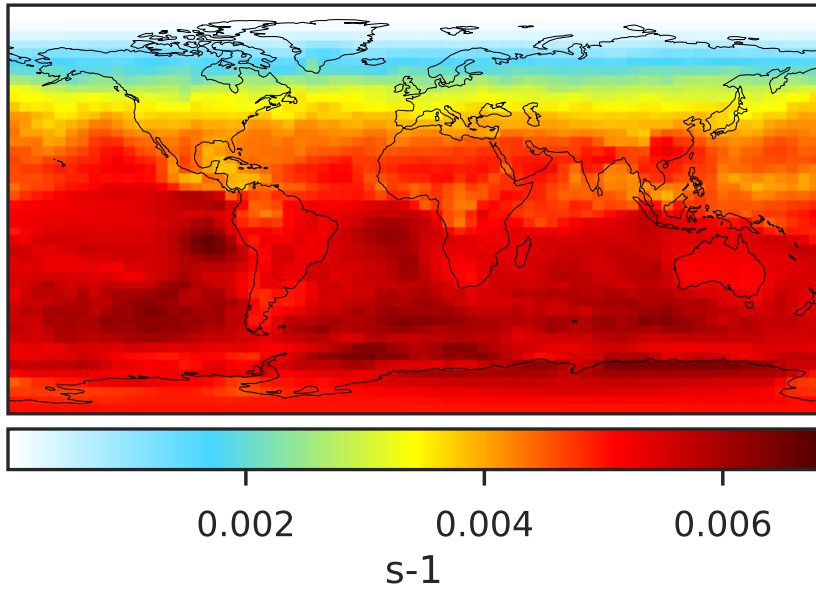


Ratio
Dev/Ref, Fixed Range

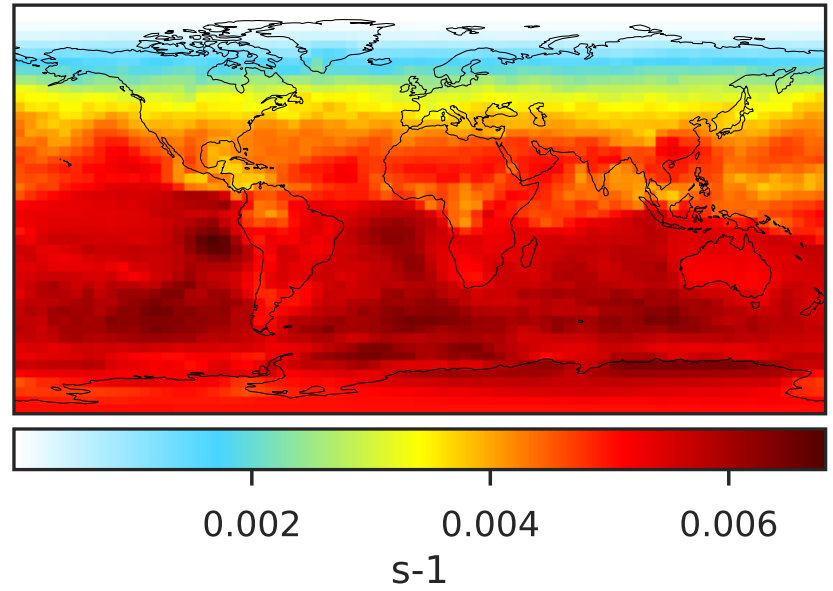


Jval_NO2 (Oct2019)

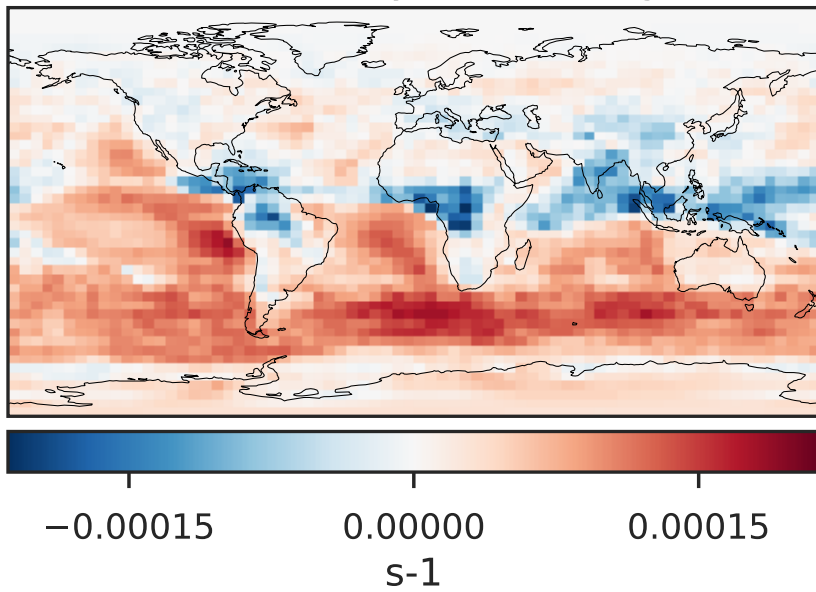
14.2.0-rc.2 (Ref)
4.0x5.0



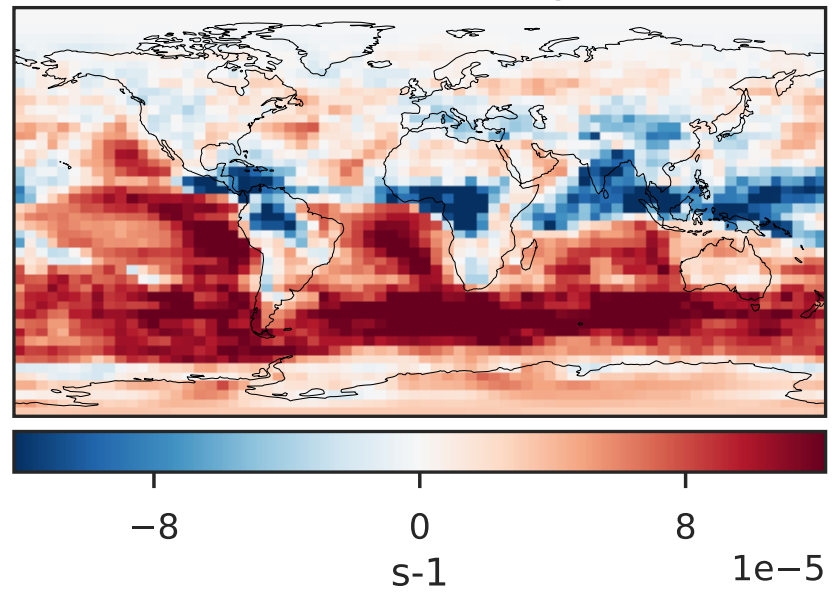
14.3.0-rc.0 (Dev)
4.0x5.0



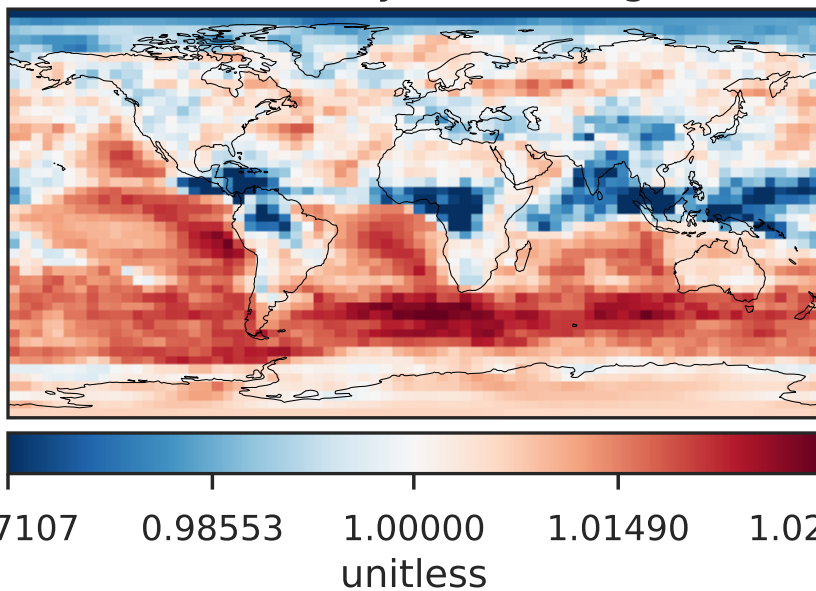
Difference
Dev - Ref, Dynamic Range



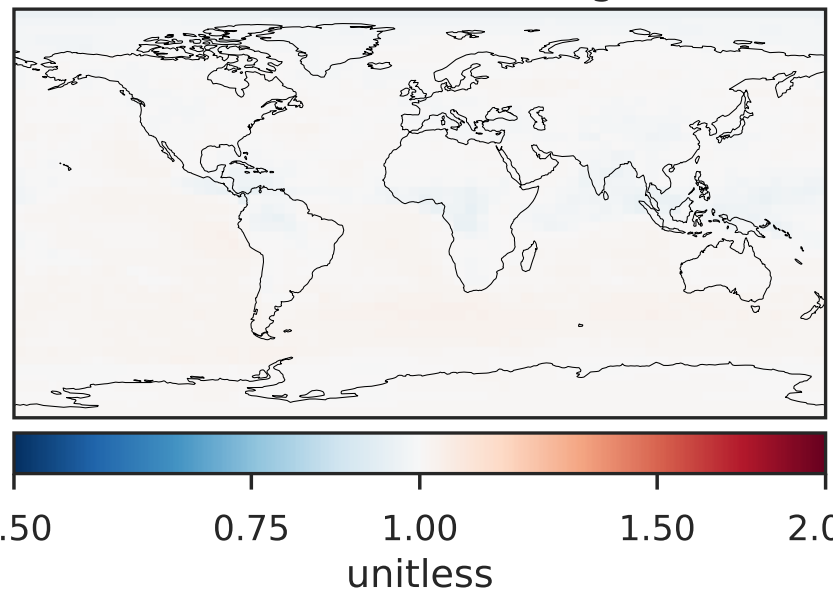
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

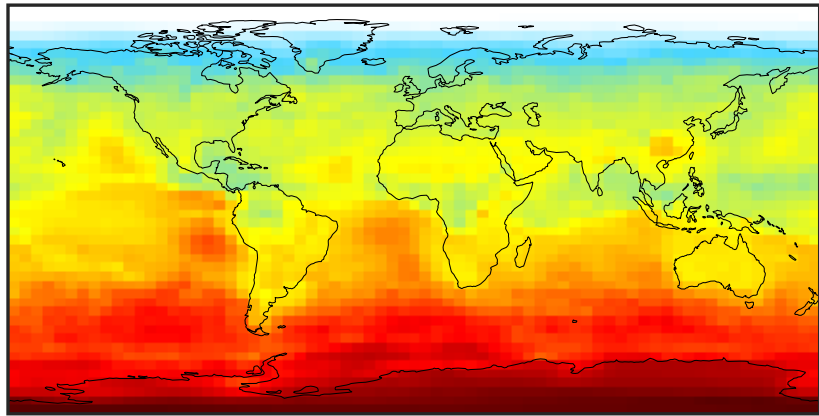


0.97107 0.98553 1.00000 1.01490 1.02979
unitless

0.50 0.75 1.00 1.50 2.00
unitless

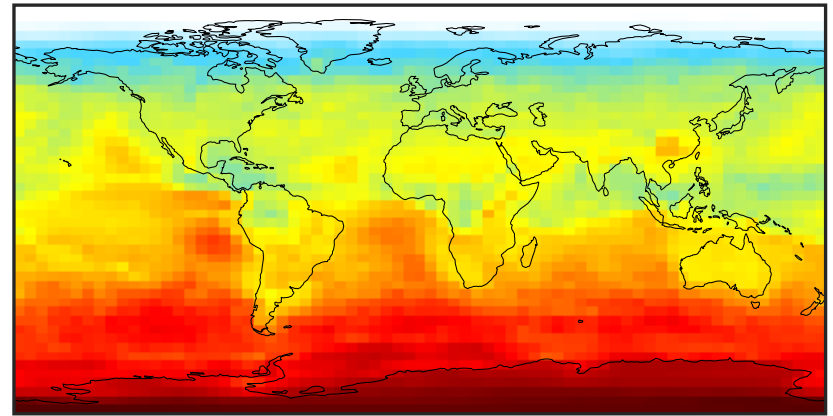
Jval_NO3 (Oct2019)

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



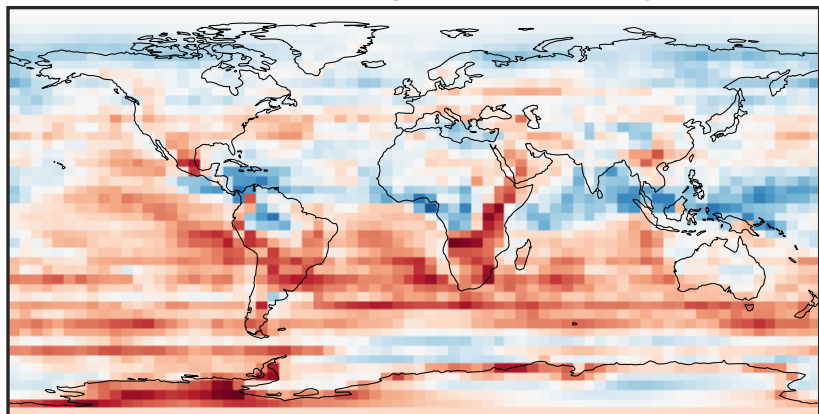
0.0001 0.0557 0.1113 0.1669 0.2225
s-1

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



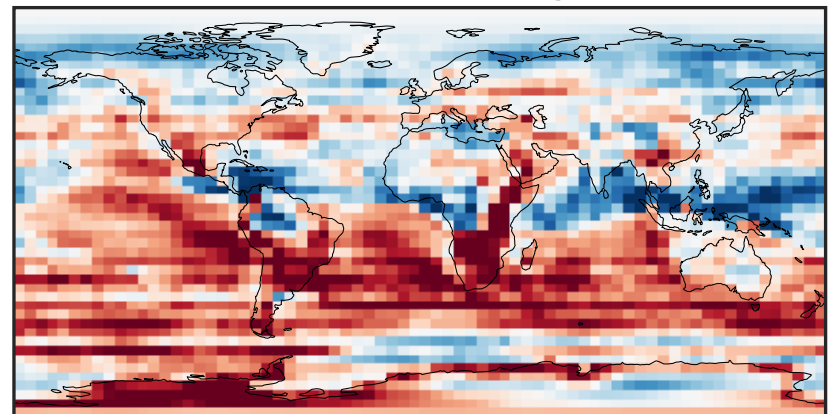
0.0001 0.0557 0.1113 0.1669 0.2225
s-1

Difference
Dev - Ref, Dynamic Range



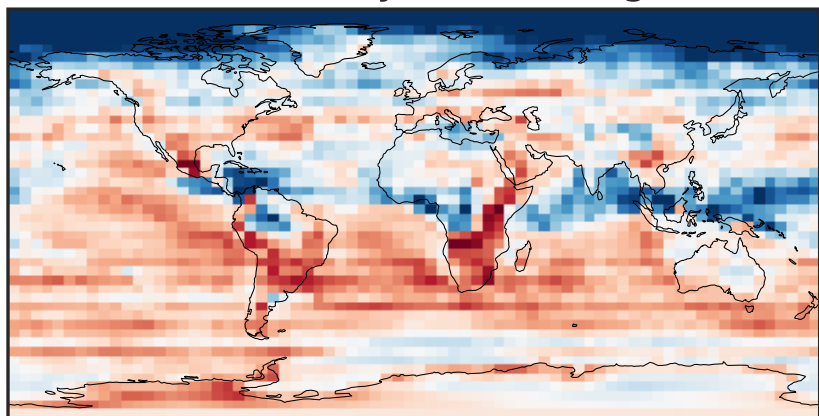
-0.003 0.000 0.003
s-1

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



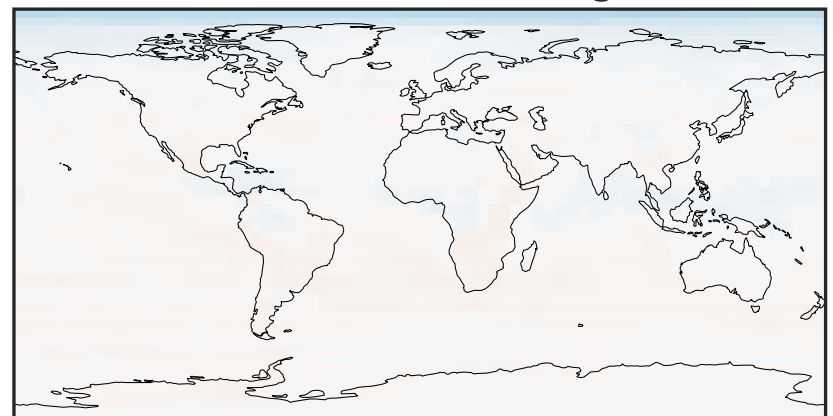
-0.002 0.000 0.002
s-1

Ratio
Dev/Ref, Dynamic Range



0.95544 0.97772 1.00000 1.02332 1.04664
unitless

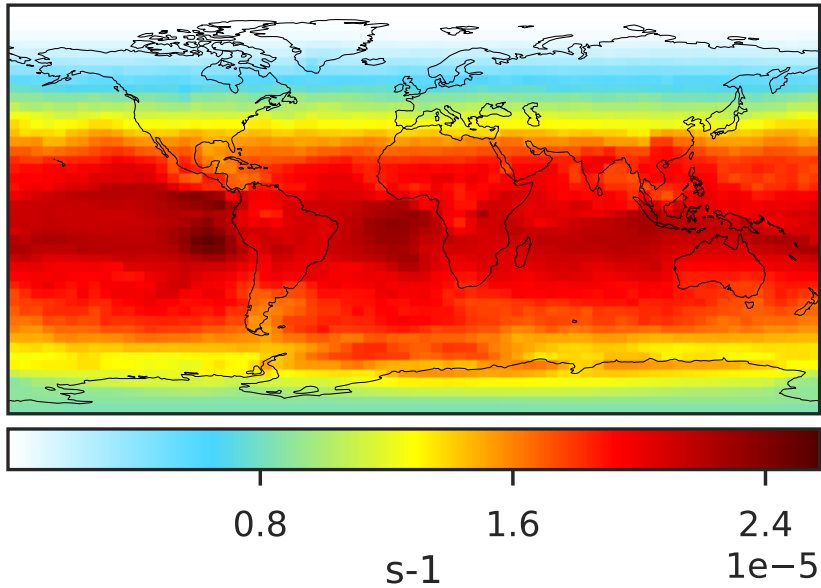
Ratio
Dev/Ref, Fixed Range



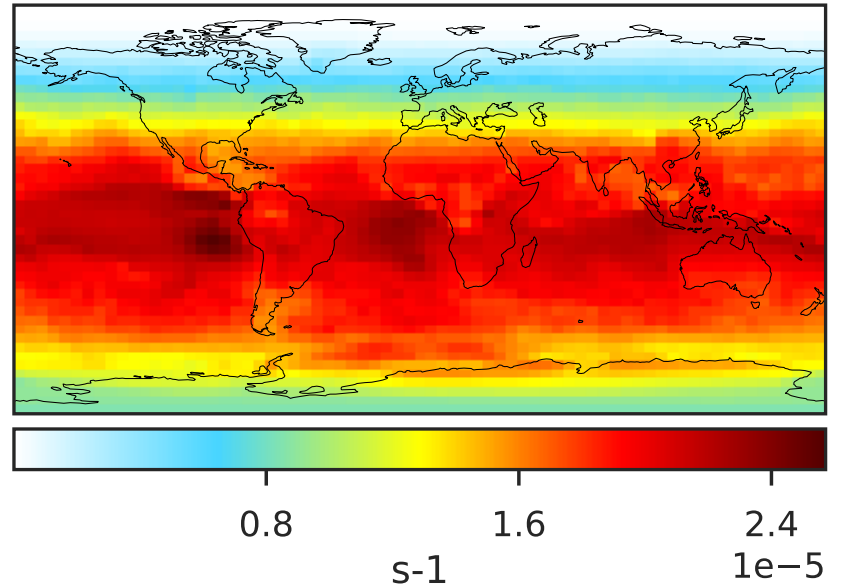
0.50 0.75 1.00 1.50 2.00
unitless

Jval_NPHEN (Oct2019)

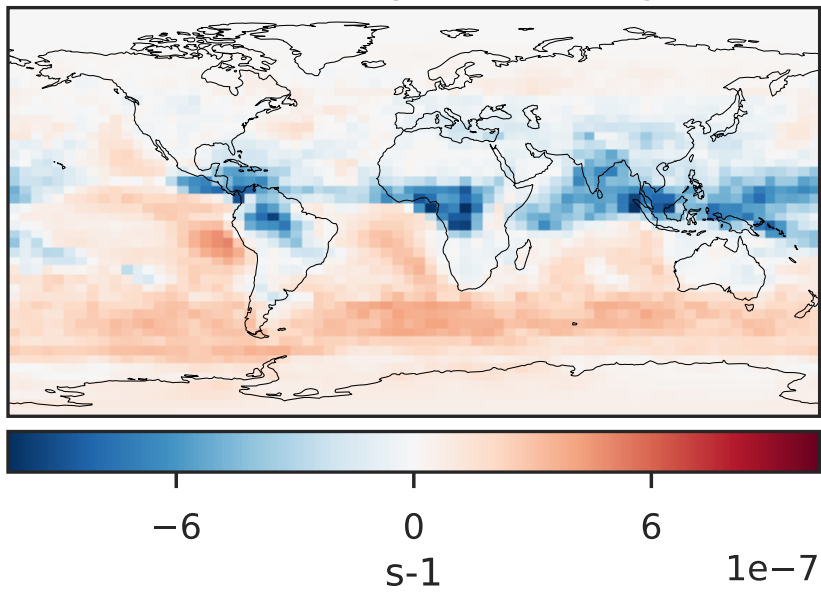
14.2.0-rc.2 (Ref)
4.0x5.0



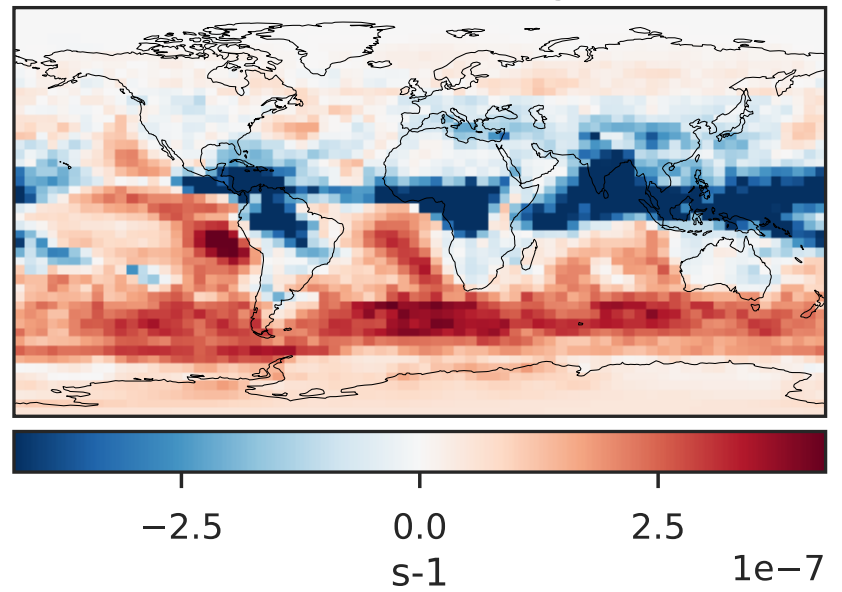
14.3.0-rc.0 (Dev)
4.0x5.0



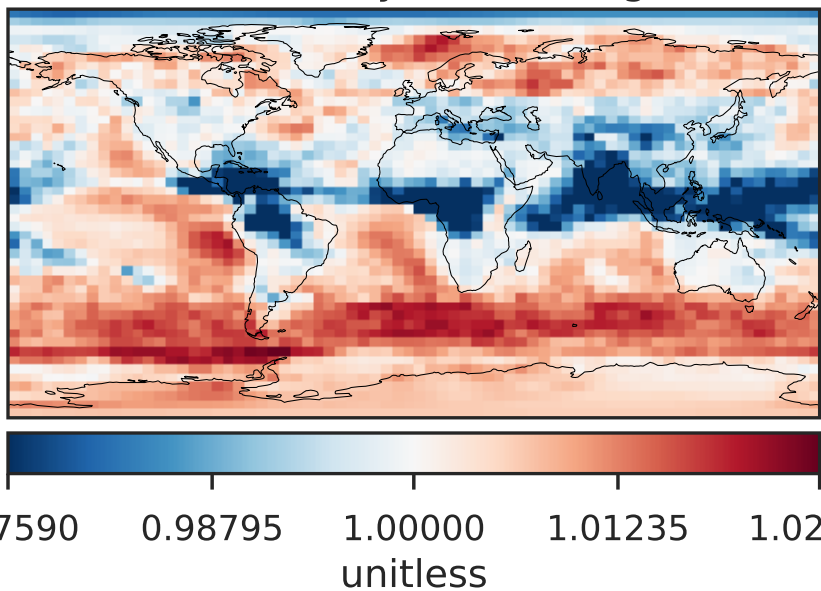
Difference
Dev - Ref, Dynamic Range



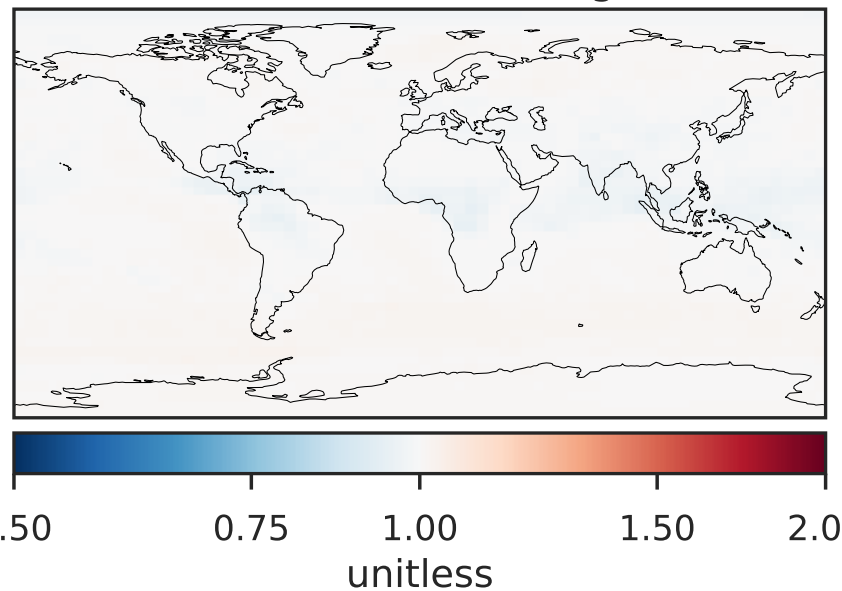
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

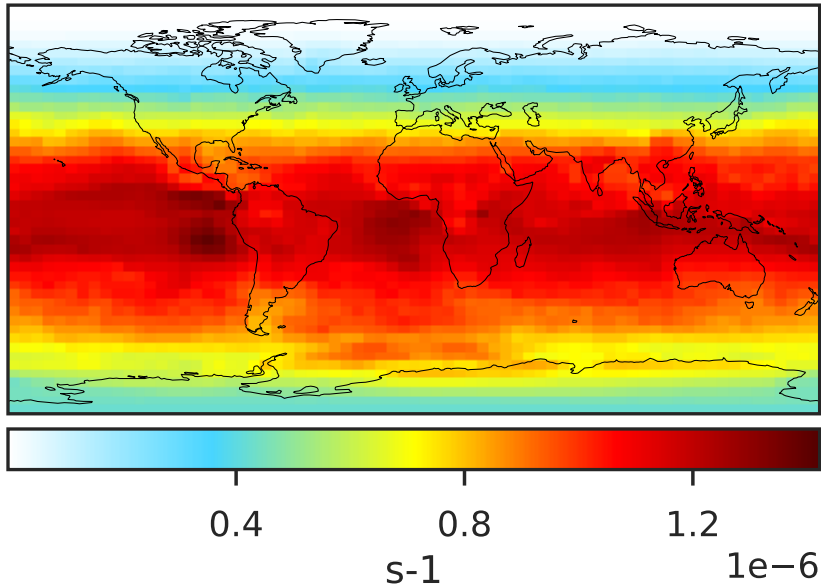


0.97590 0.98795 1.00000 1.01235 1.02470
unitless

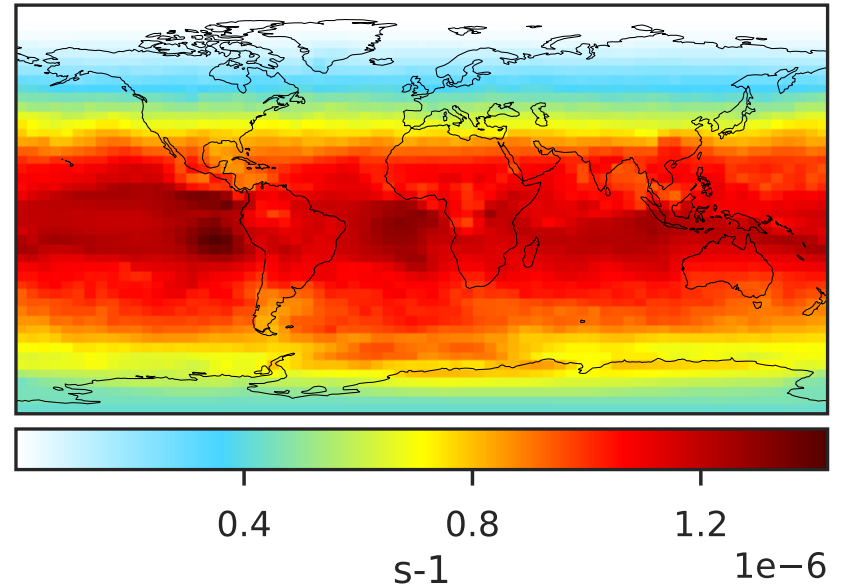
0.50 0.75 1.00 1.50 2.00
unitless

Jval_NPRNO3 (Oct2019)

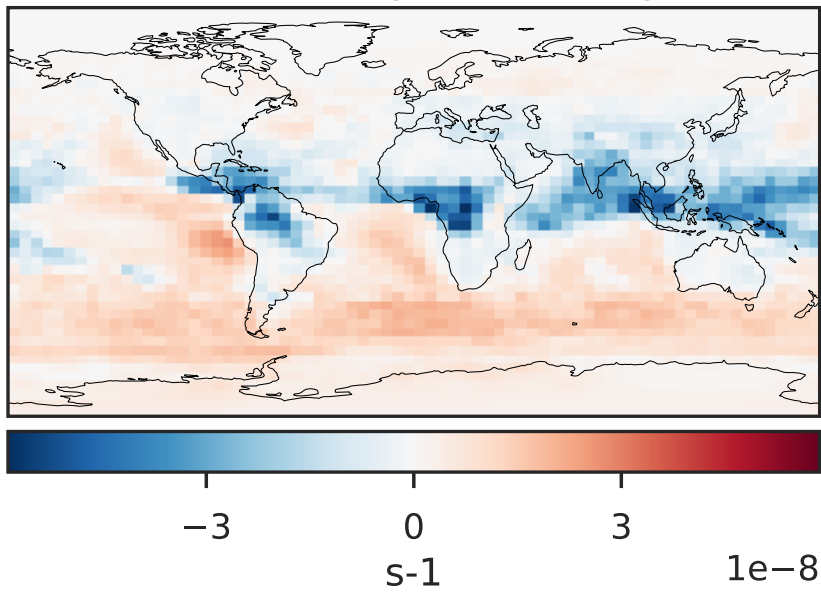
14.2.0-rc.2 (Ref)
4.0x5.0



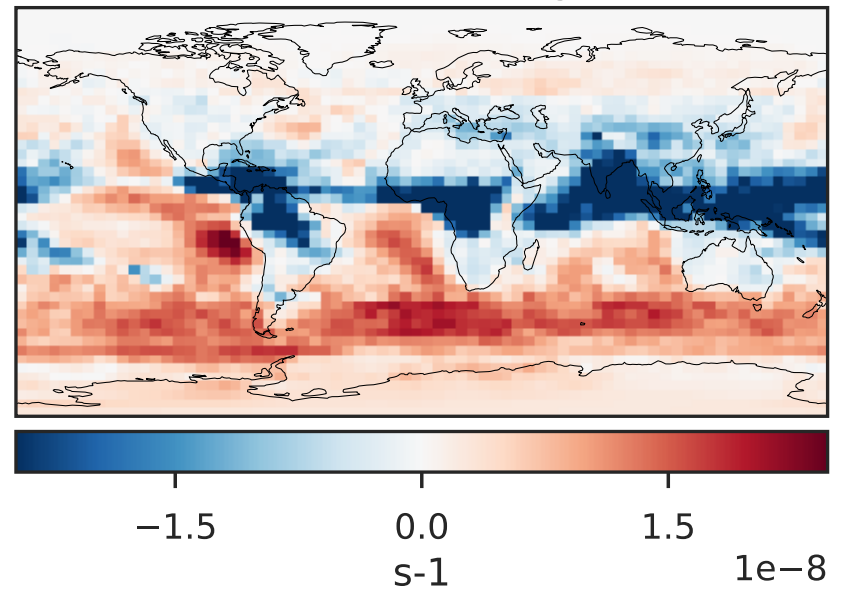
14.3.0-rc.0 (Dev)
4.0x5.0



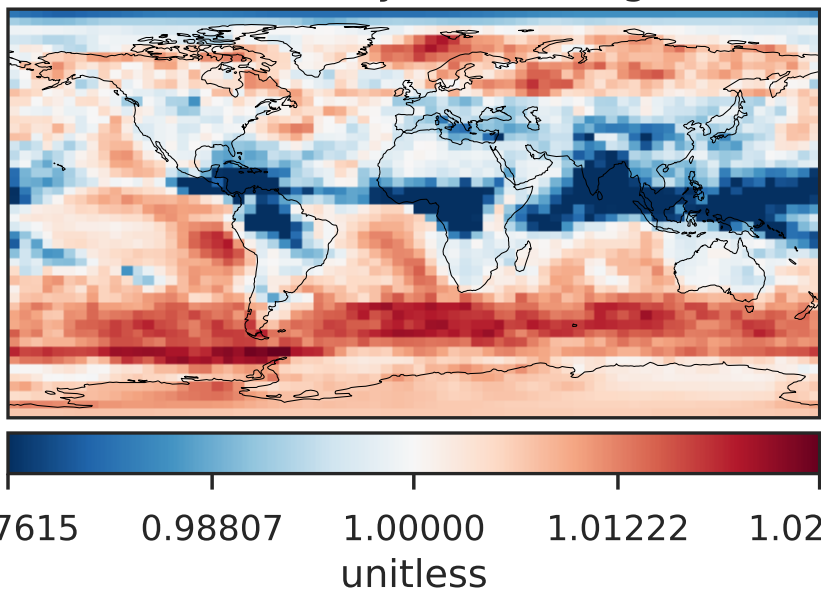
Difference
Dev - Ref, Dynamic Range



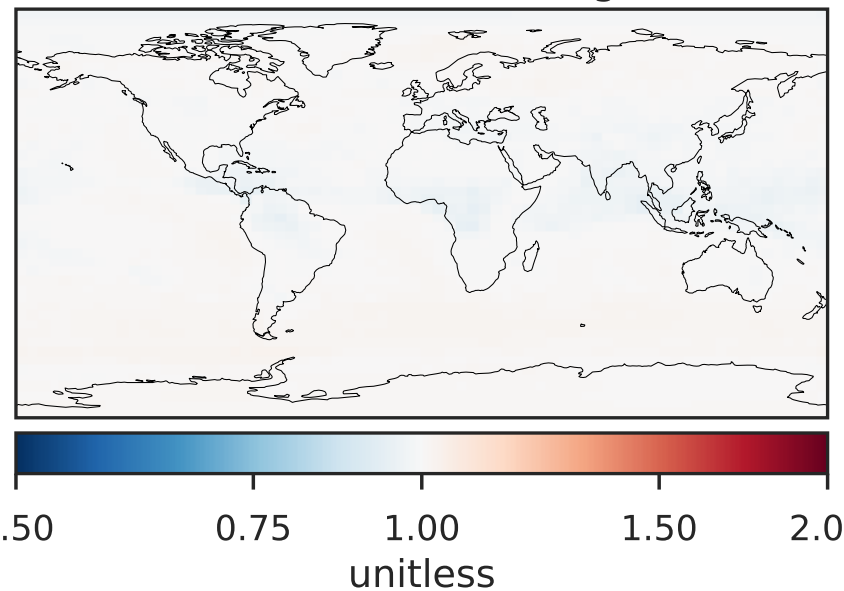
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

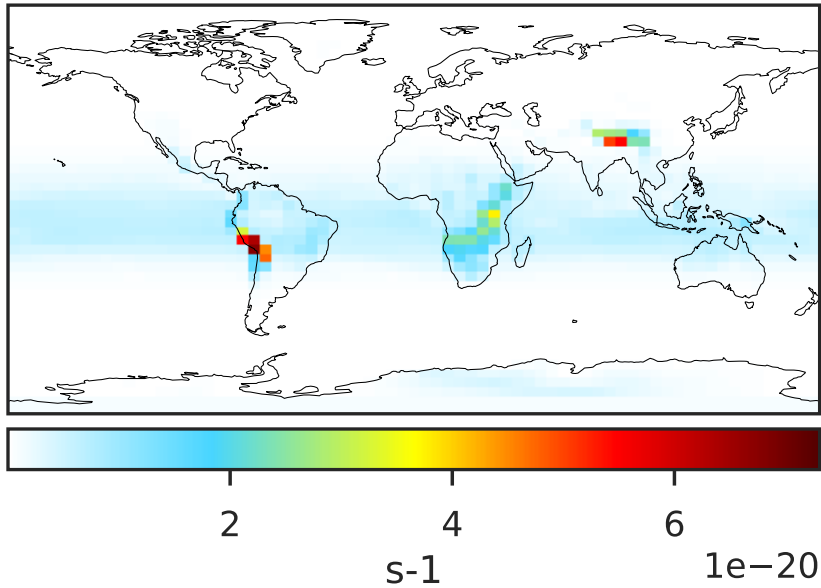


Ratio
Dev/Ref, Fixed Range

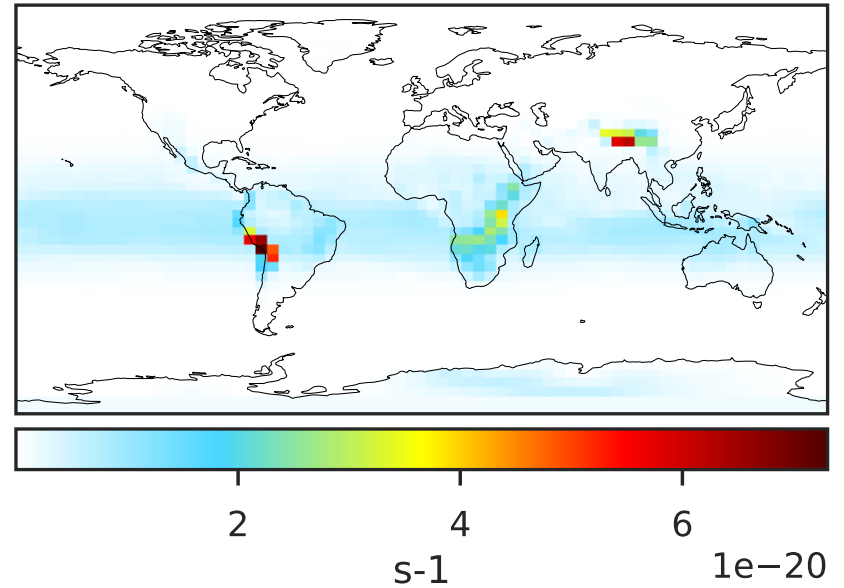


Jval_O2 (Oct2019)

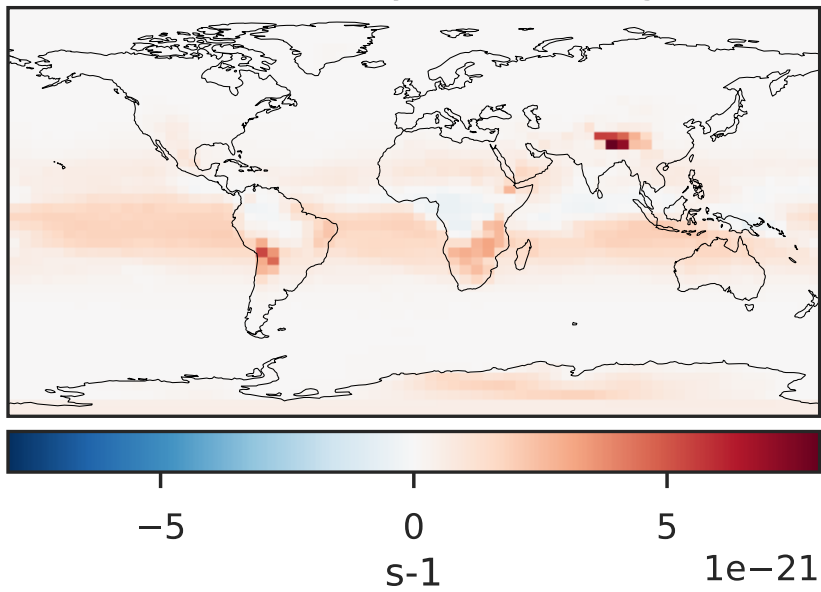
14.2.0-rc.2 (Ref)
4.0x5.0



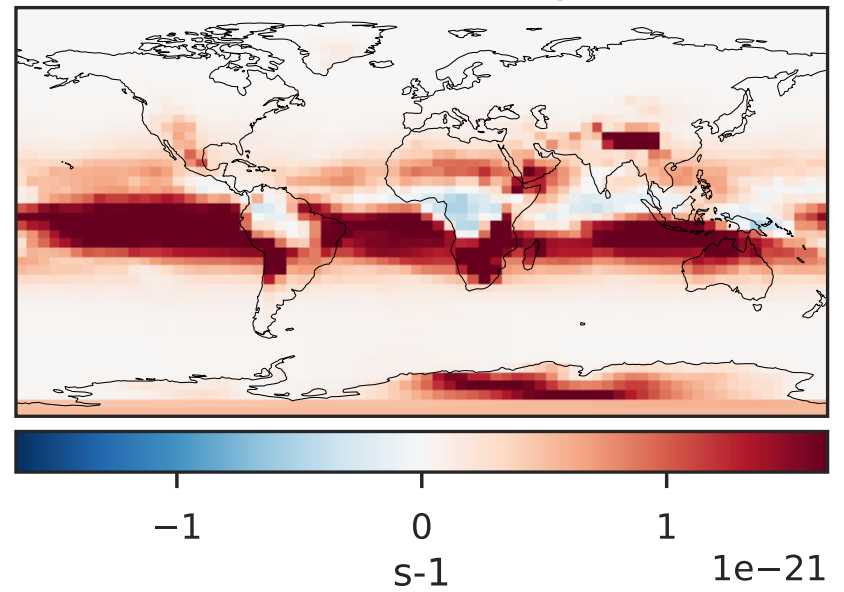
14.3.0-rc.0 (Dev)
4.0x5.0



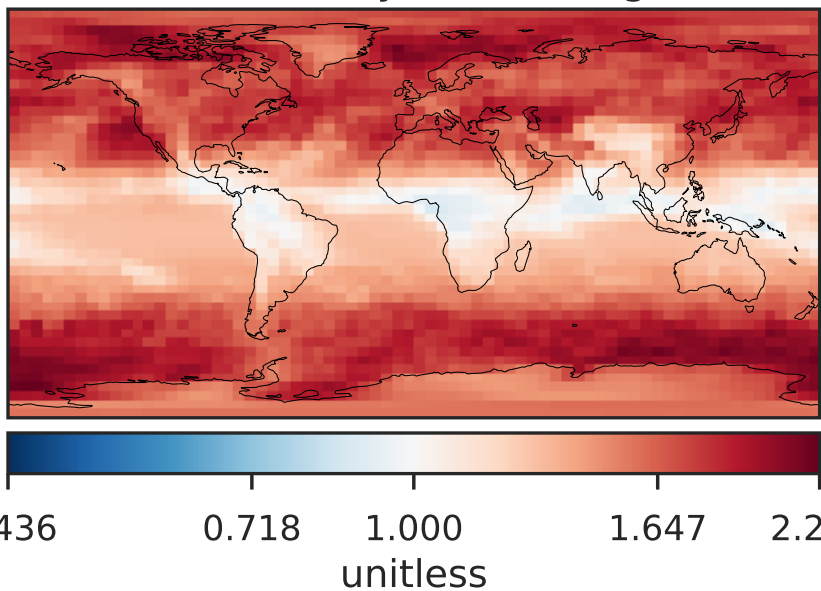
Difference
Dev - Ref, Dynamic Range



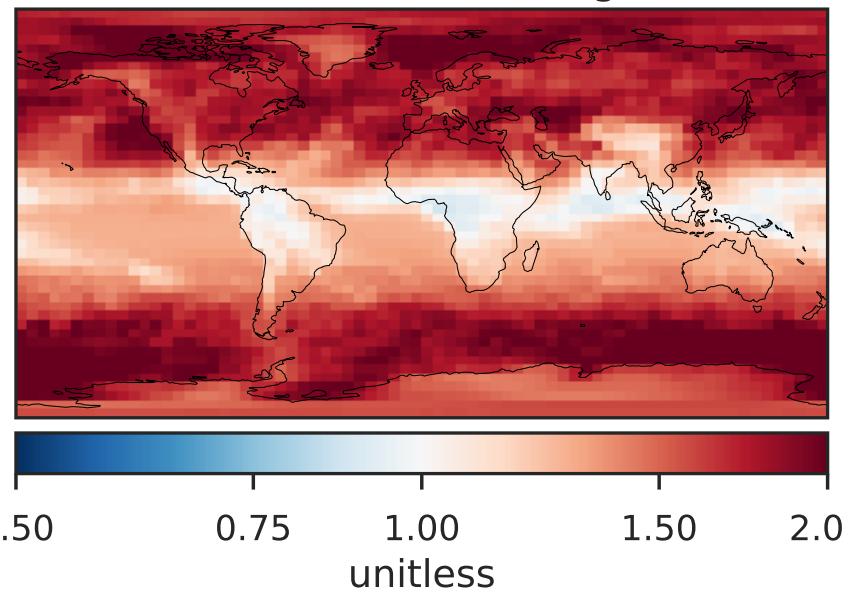
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

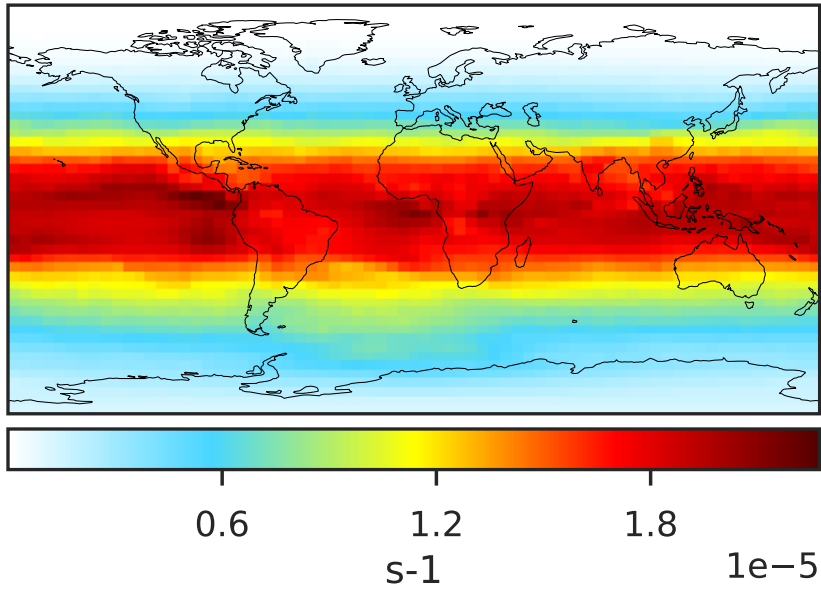


Ratio
Dev/Ref, Fixed Range

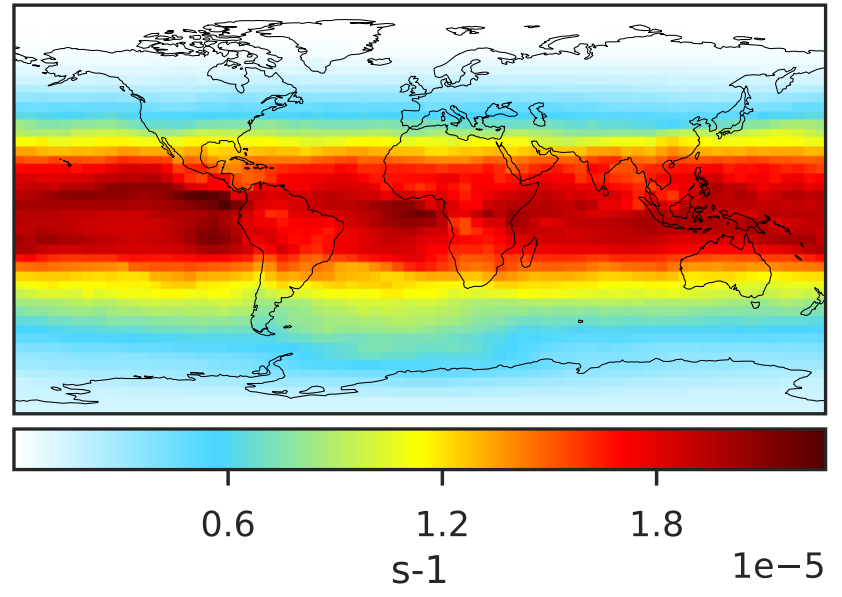


Jval_O3 (Oct2019)

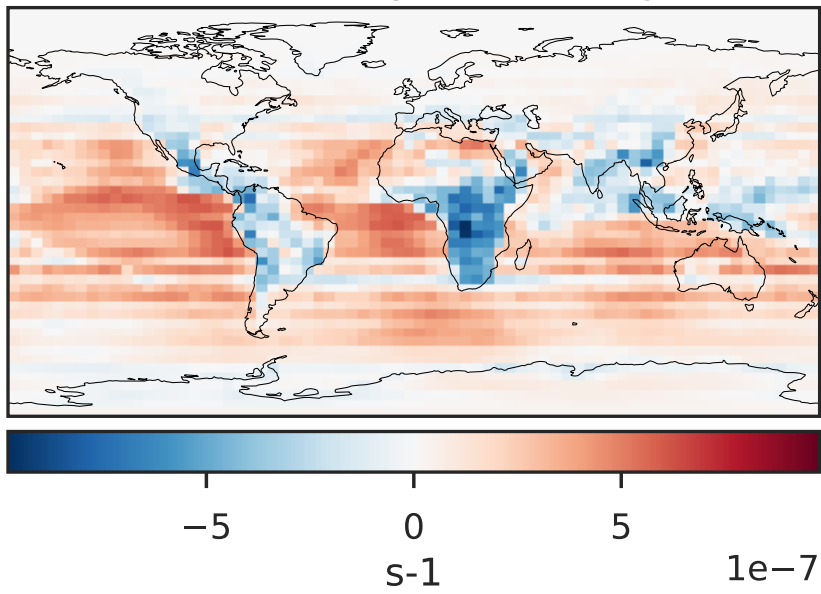
14.2.0-rc.2 (Ref)
4.0x5.0



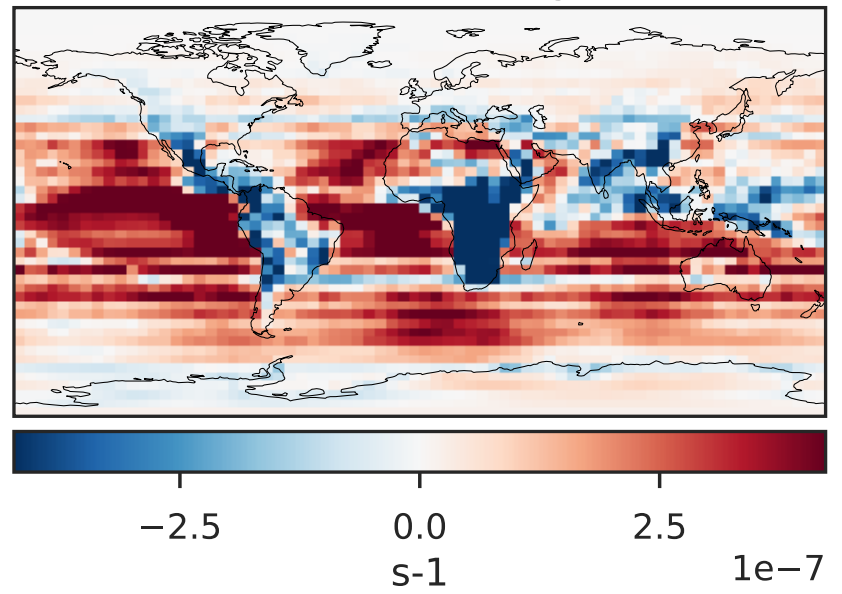
14.3.0-rc.0 (Dev)
4.0x5.0



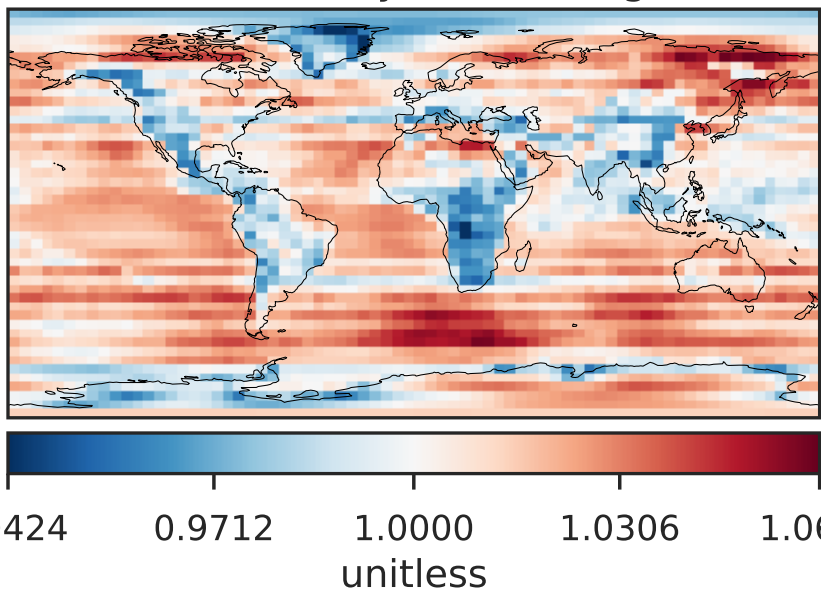
Difference
Dev - Ref, Dynamic Range



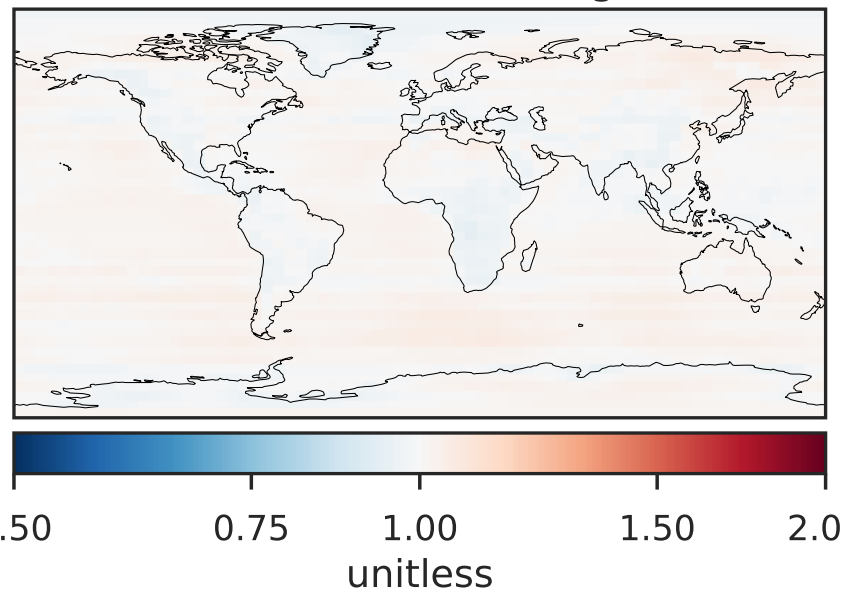
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

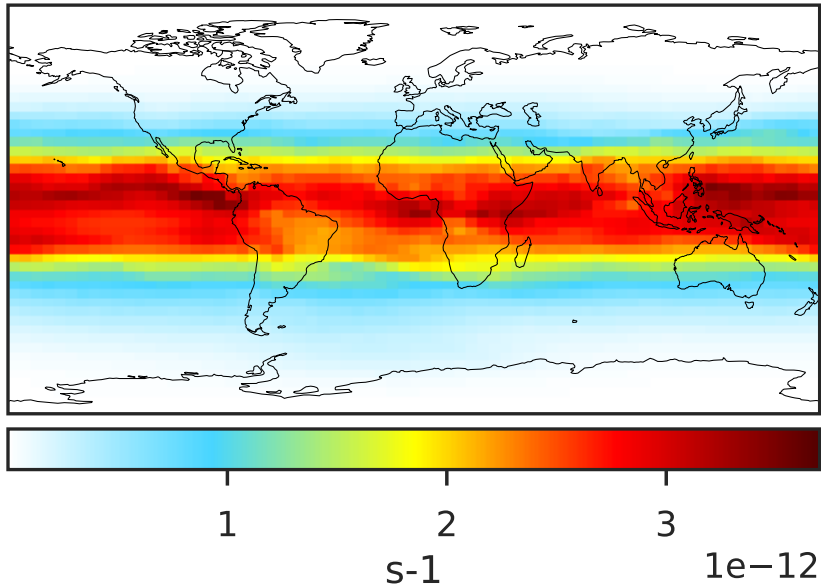


Ratio
Dev/Ref, Fixed Range

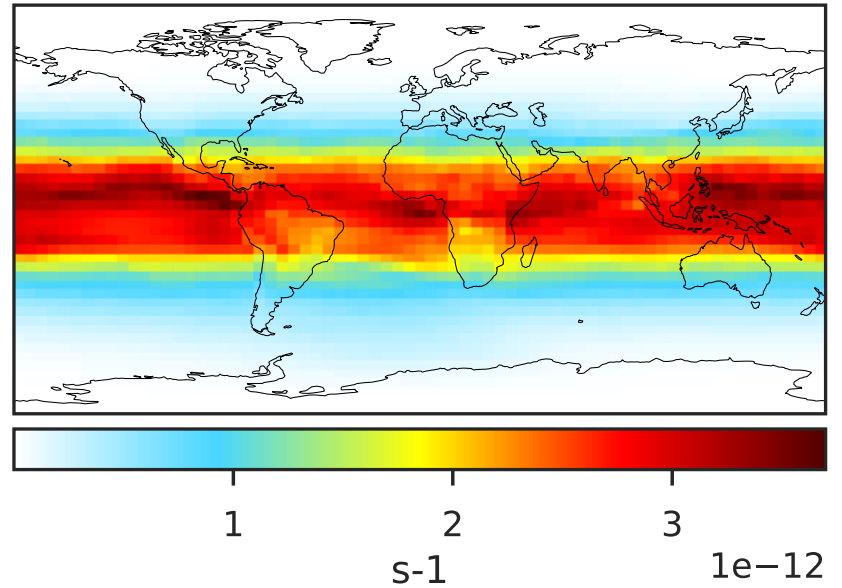


Jval_OCS (Oct2019)

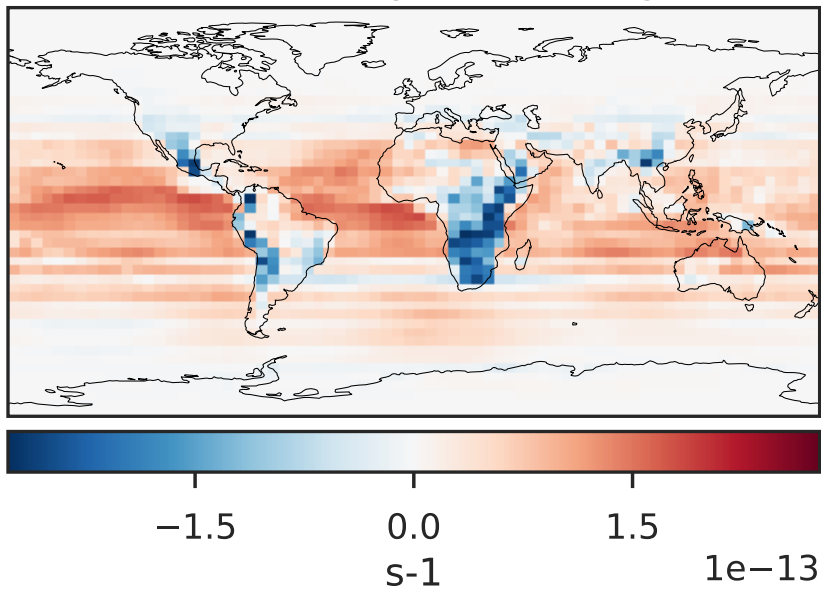
14.2.0-rc.2 (Ref)
4.0x5.0



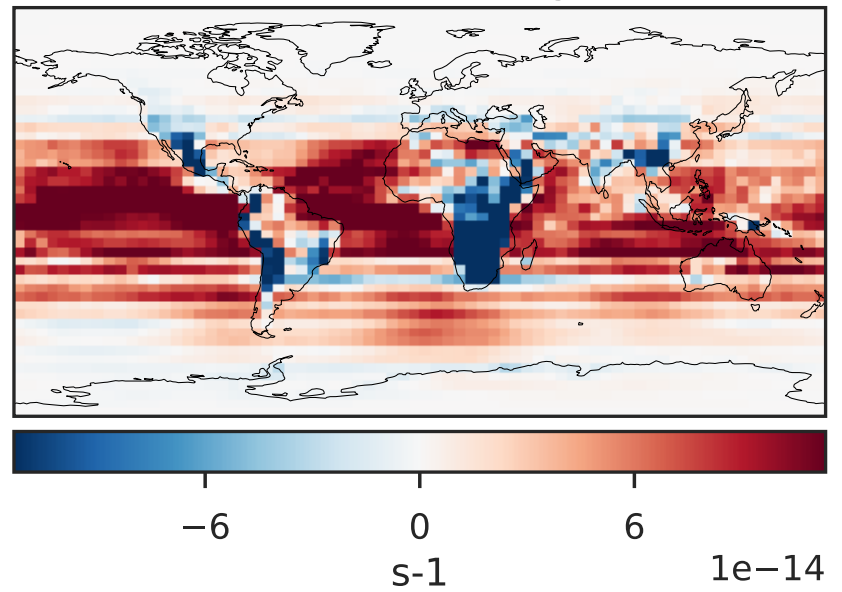
14.3.0-rc.0 (Dev)
4.0x5.0



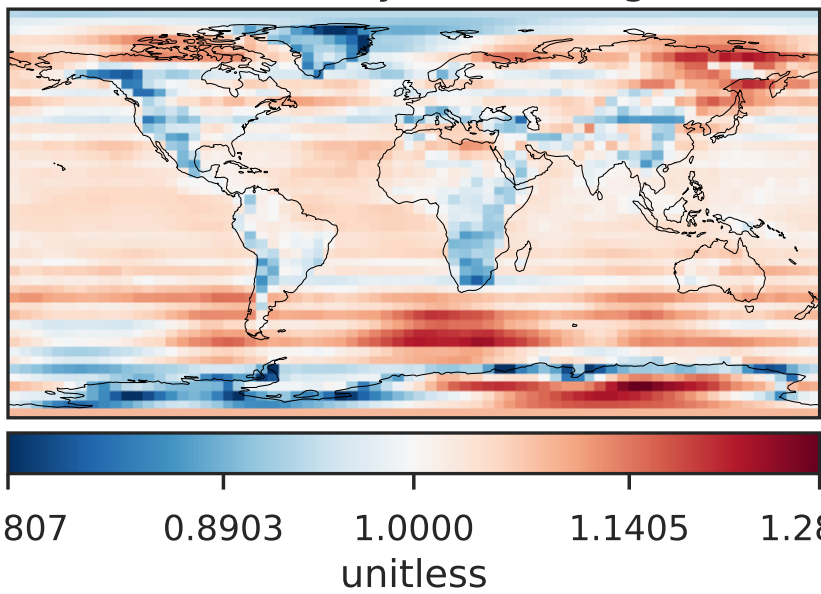
Difference
Dev - Ref, Dynamic Range



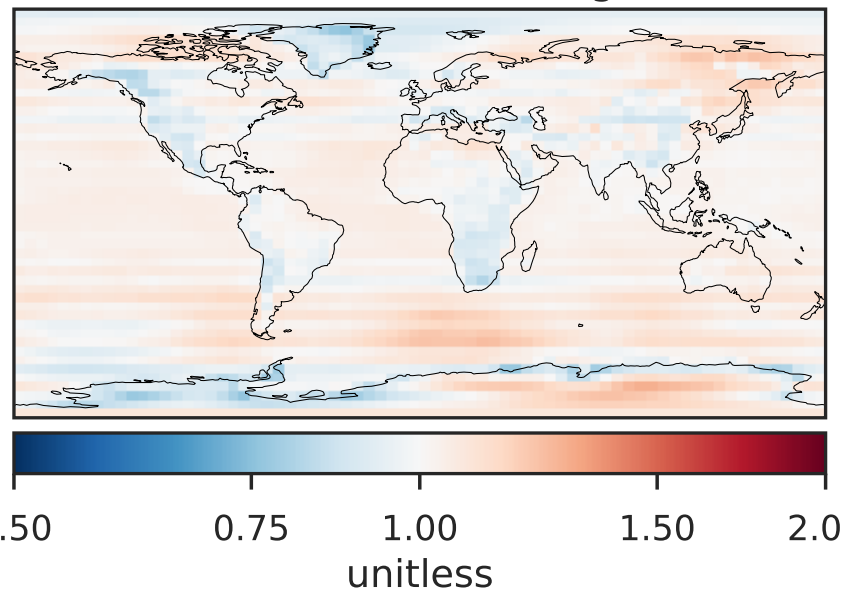
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

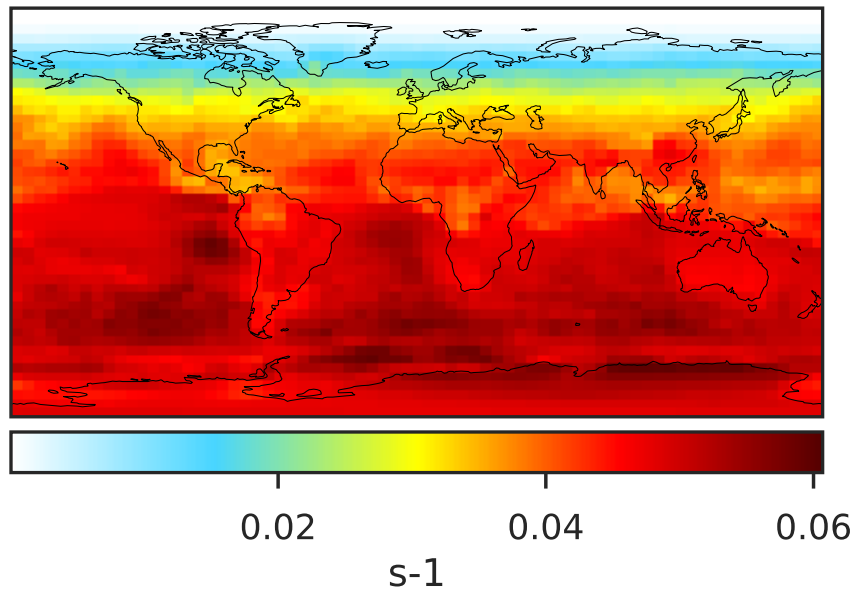


Ratio
Dev/Ref, Fixed Range

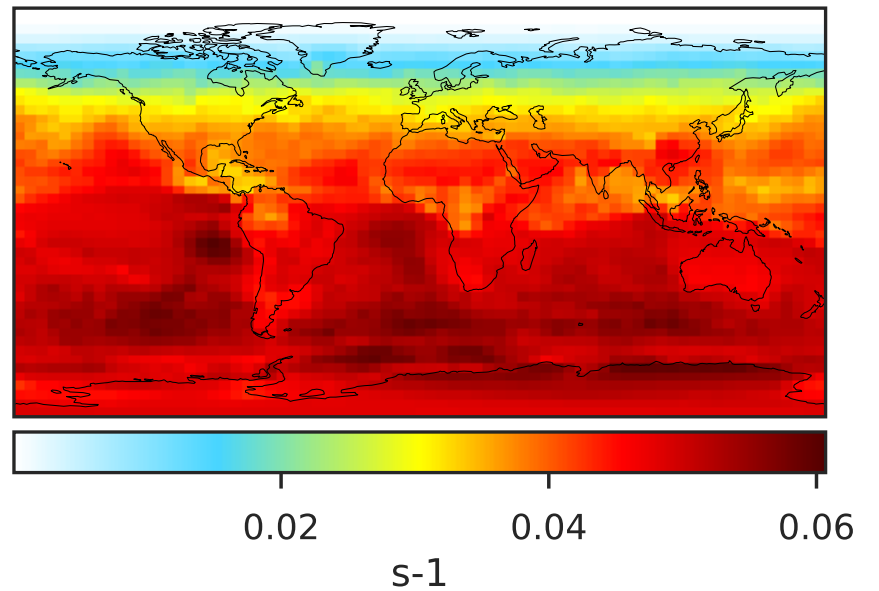


Jval_OCIO (Oct2019)

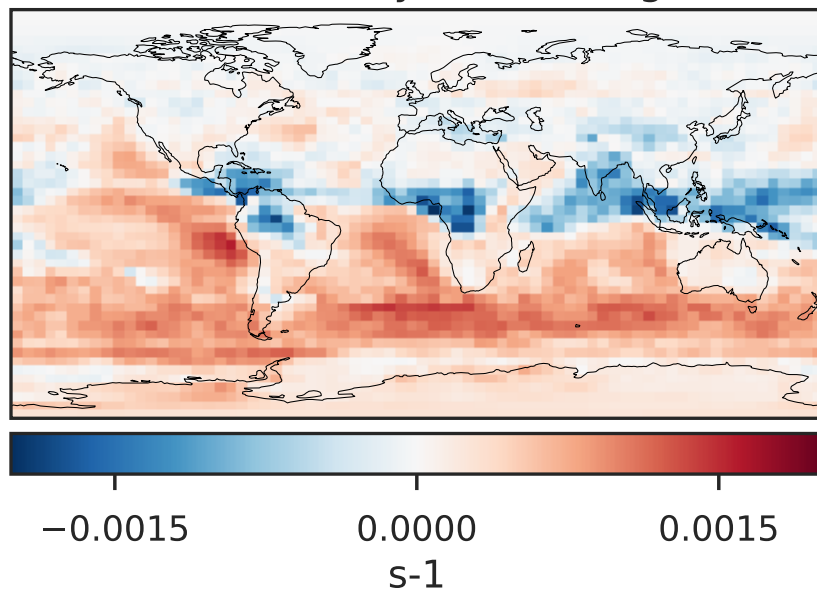
14.2.0-rc.2 (Ref)
4.0x5.0



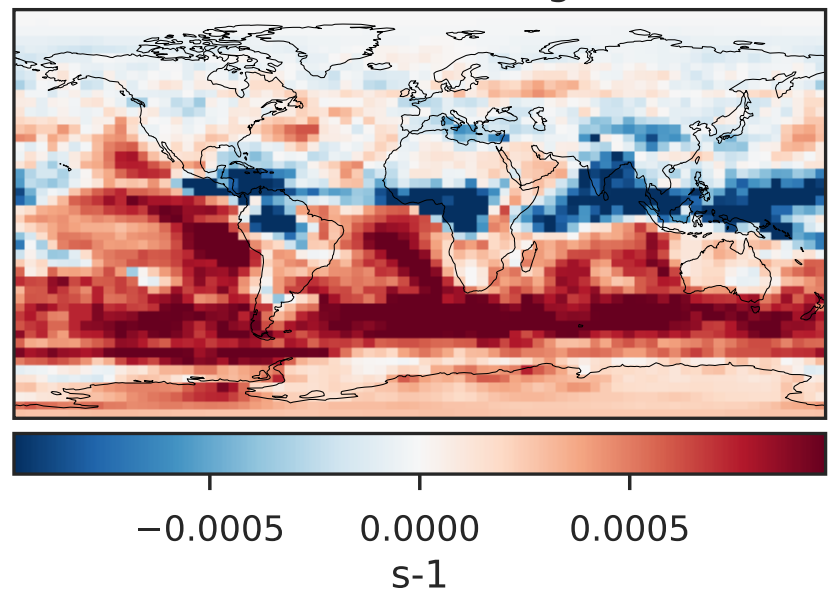
14.3.0-rc.0 (Dev)
4.0x5.0



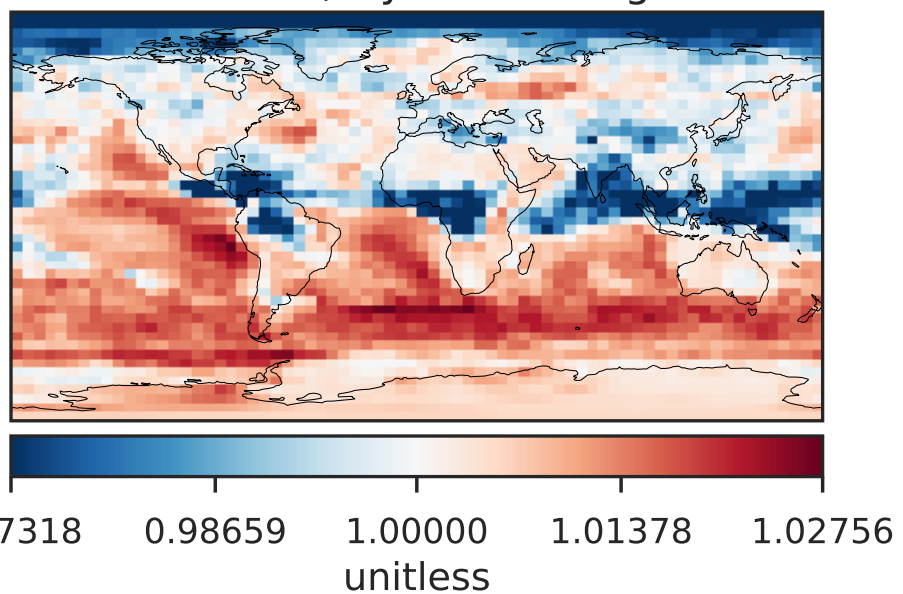
Difference
Dev - Ref, Dynamic Range



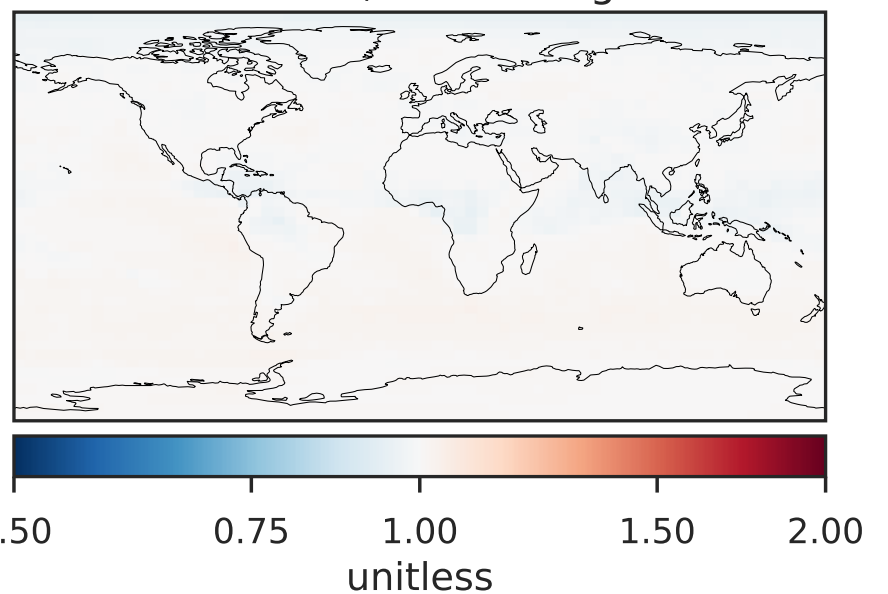
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

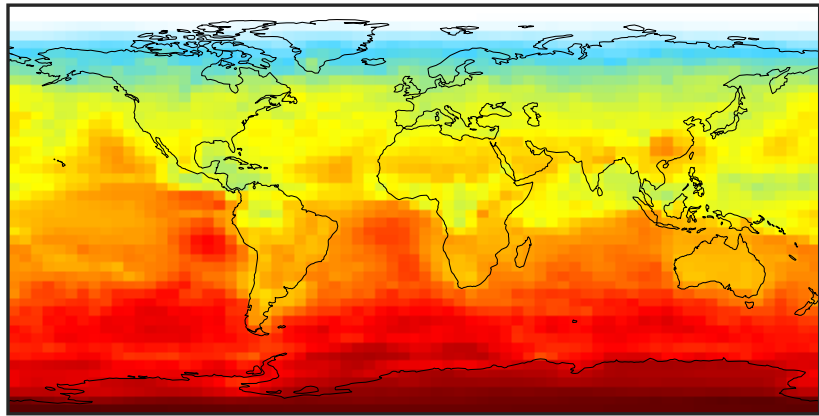


Ratio
Dev/Ref, Fixed Range



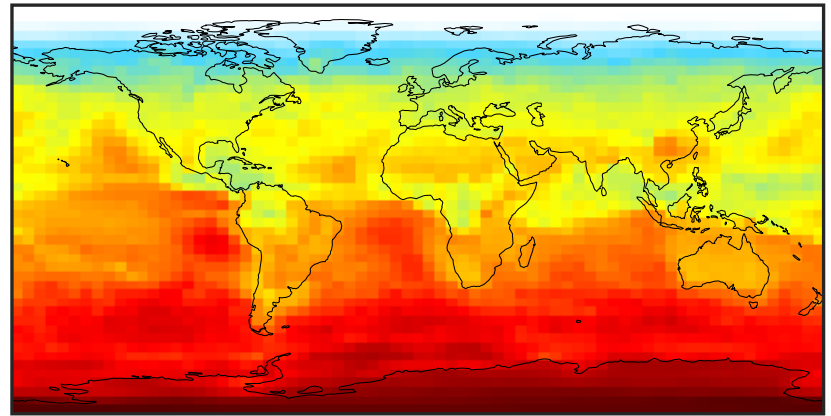
Jval_OIO (Oct2019)

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



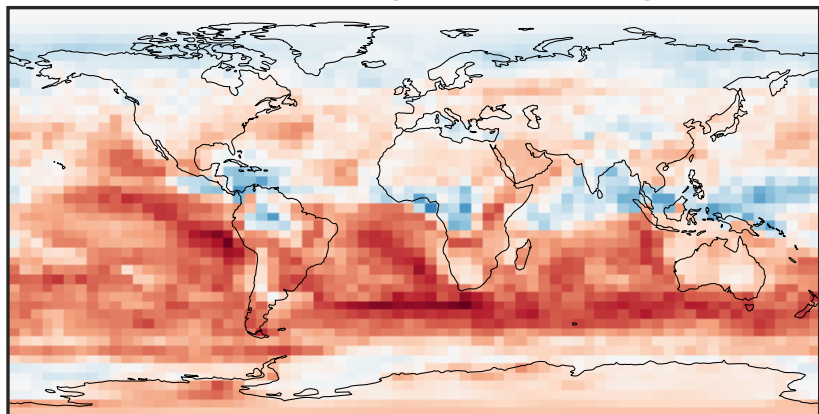
0.0001 0.0520 0.1038 0.1557 0.2076
s-1

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



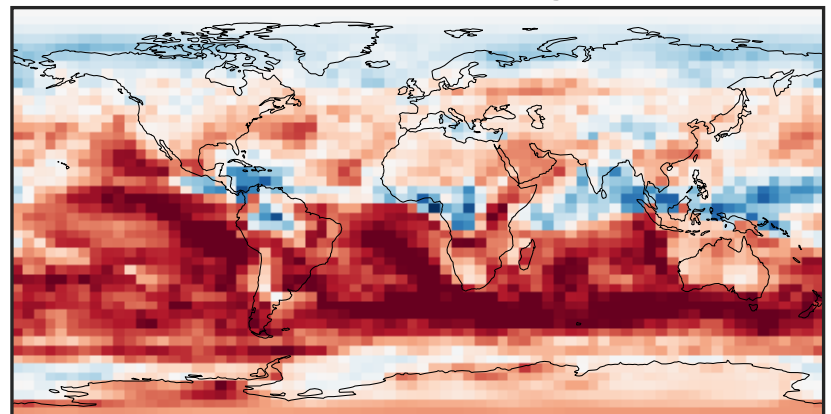
0.0001 0.0520 0.1038 0.1557 0.2076
s-1

Difference
Dev - Ref, Dynamic Range



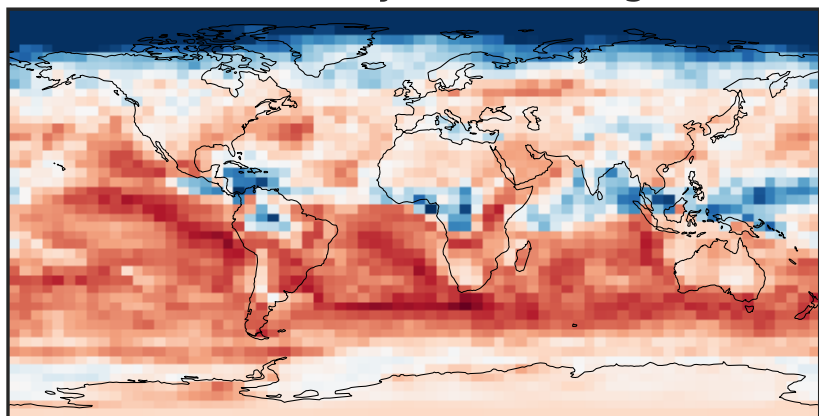
-0.003 0.000 0.003
s-1

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



-0.002 0.000 0.002
s-1

Ratio
Dev/Ref, Dynamic Range



0.95926 0.97963 1.00000 1.02123 1.04247
unitless

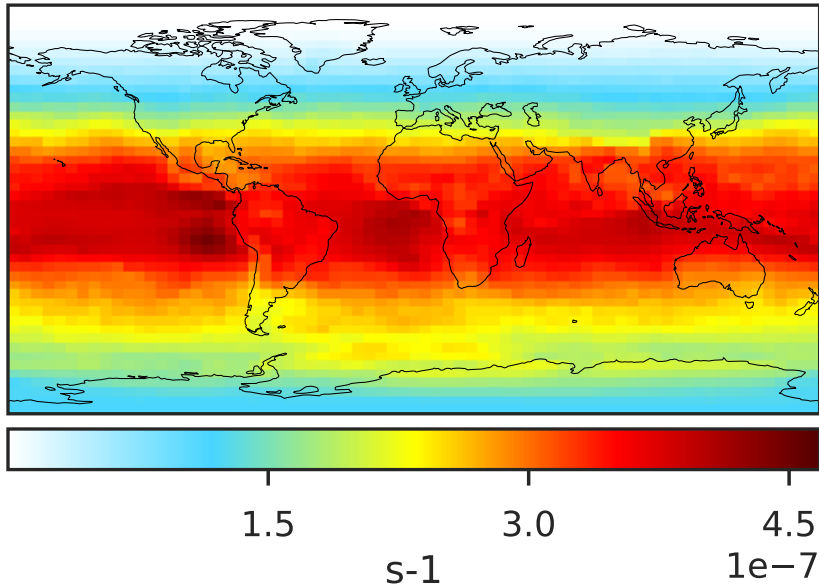
Ratio
Dev/Ref, Fixed Range



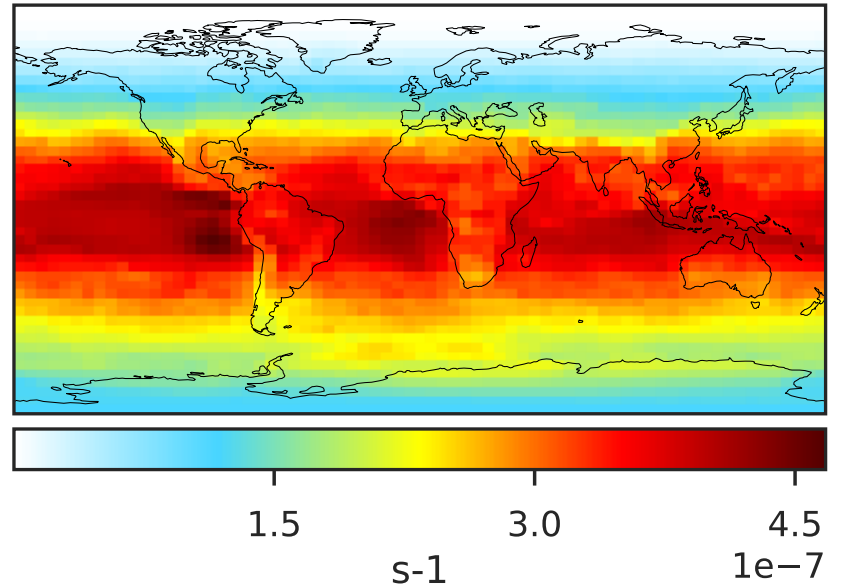
0.50 0.75 1.00 1.50 2.00
unitless

Jval_PAN (Oct2019)

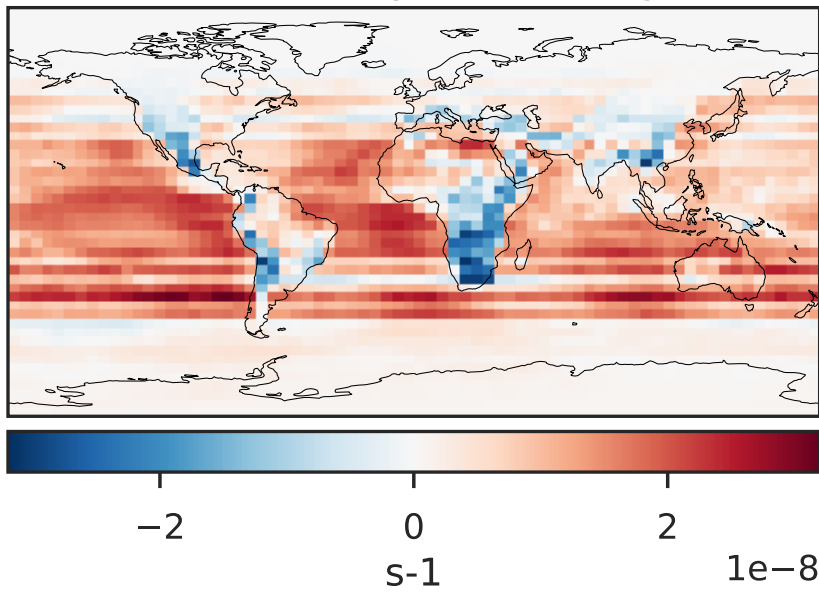
14.2.0-rc.2 (Ref)
4.0x5.0



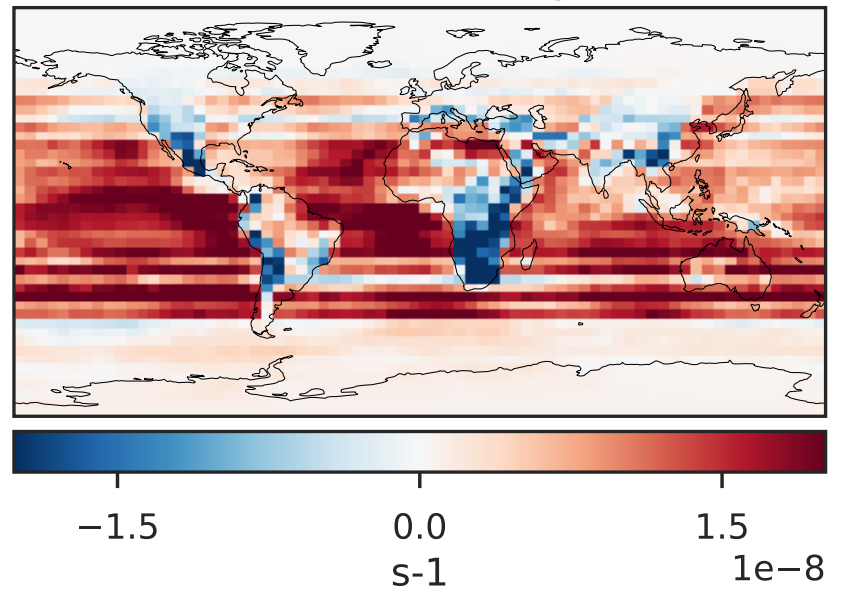
14.3.0-rc.0 (Dev)
4.0x5.0



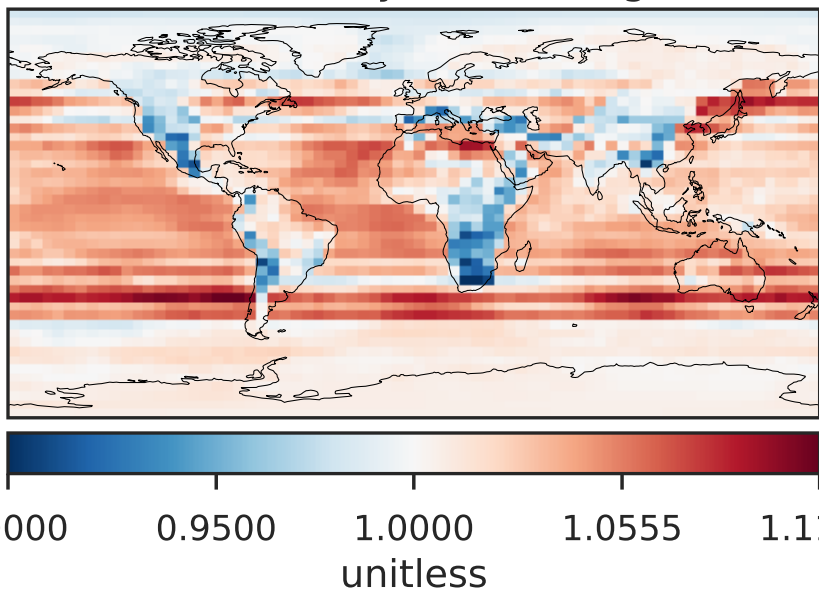
Difference
Dev - Ref, Dynamic Range



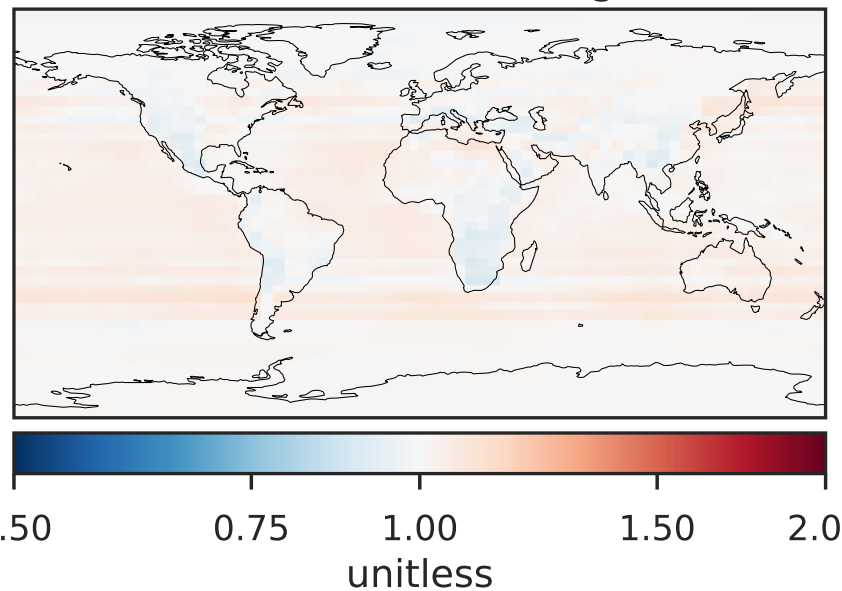
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

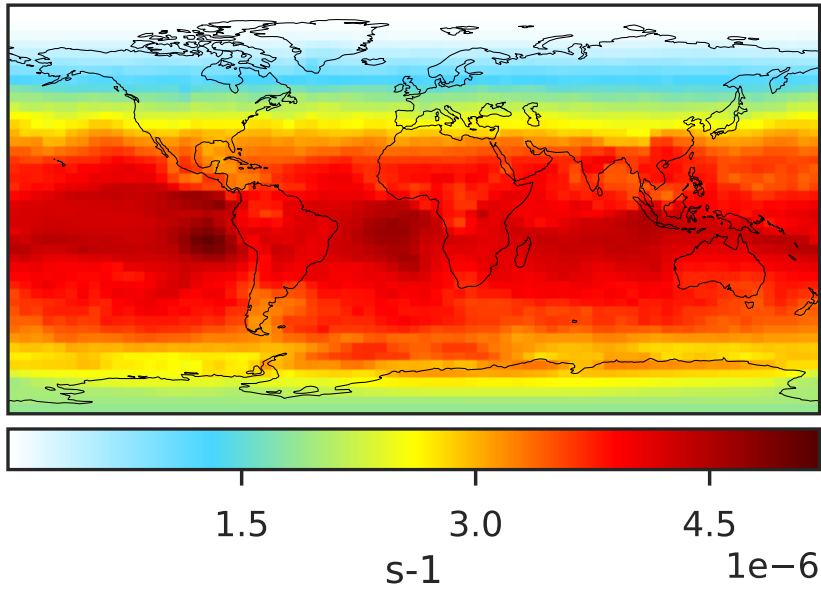


Ratio
Dev/Ref, Fixed Range

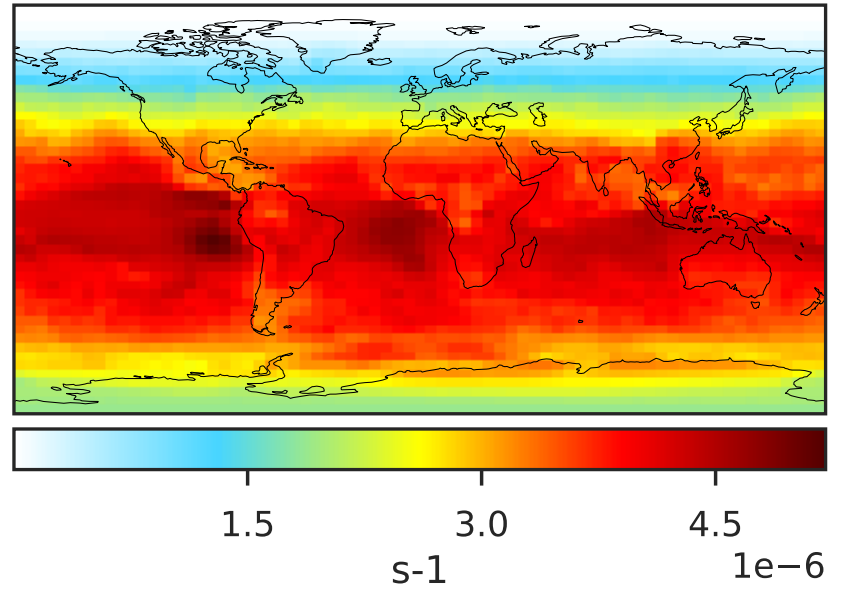


Jval_PIP (Oct2019)

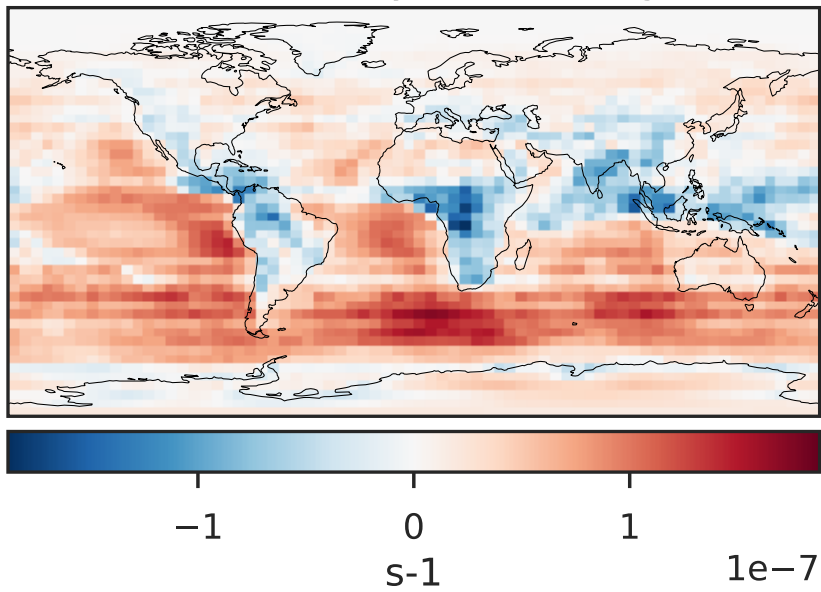
14.2.0-rc.2 (Ref)
4.0x5.0



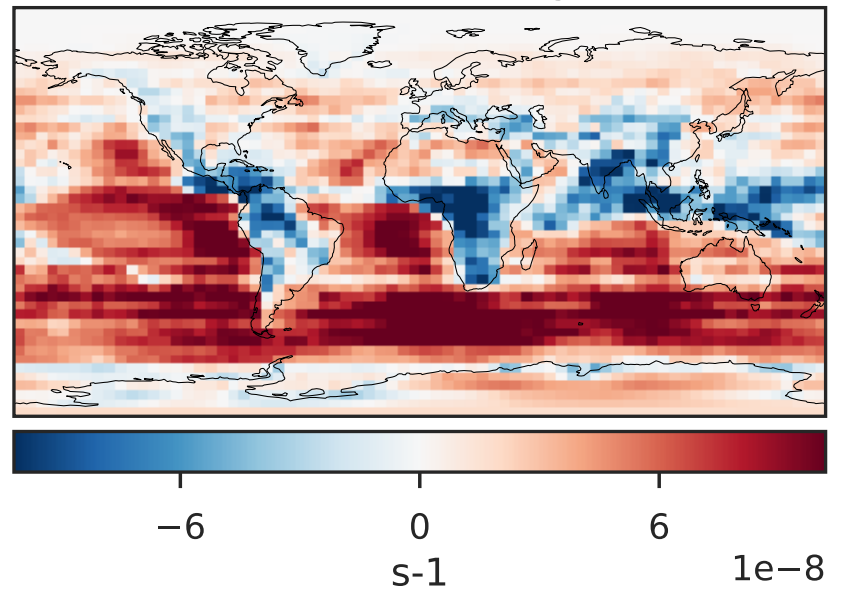
14.3.0-rc.0 (Dev)
4.0x5.0



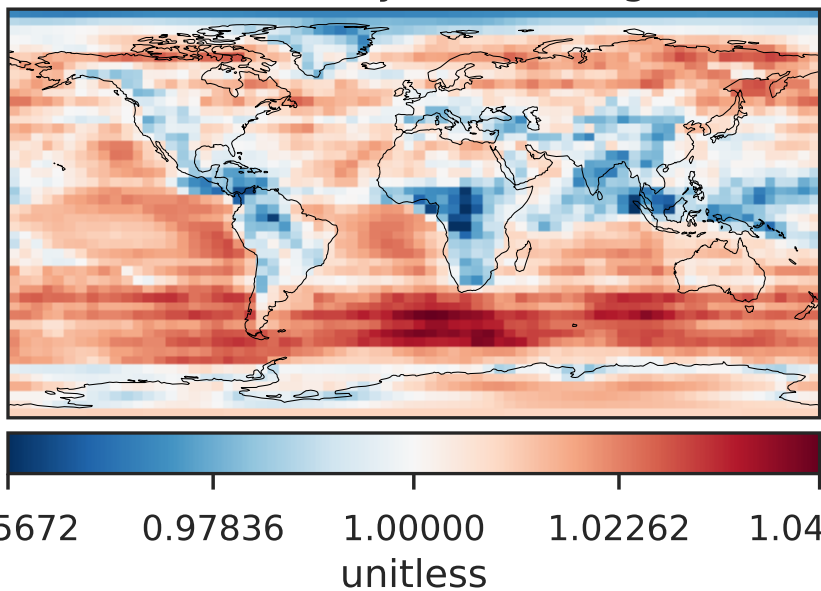
Difference
Dev - Ref, Dynamic Range



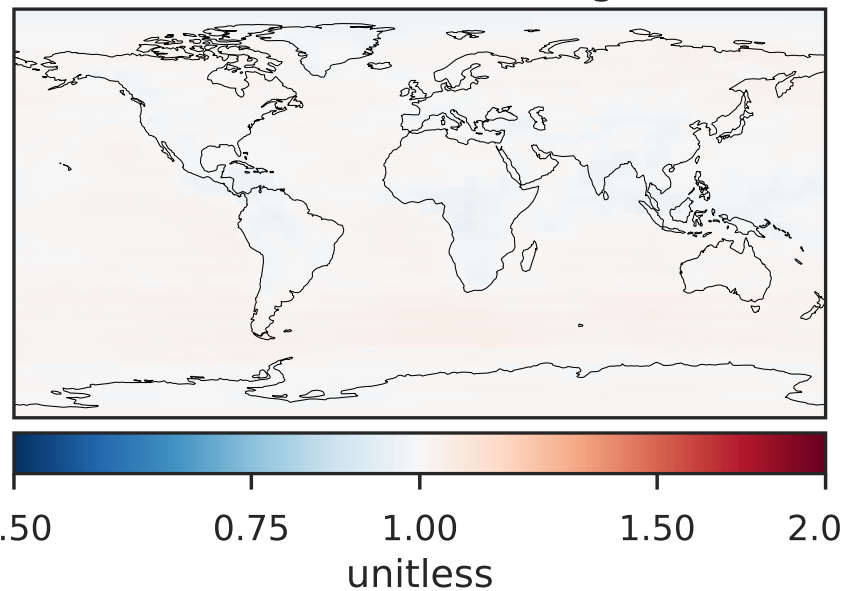
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

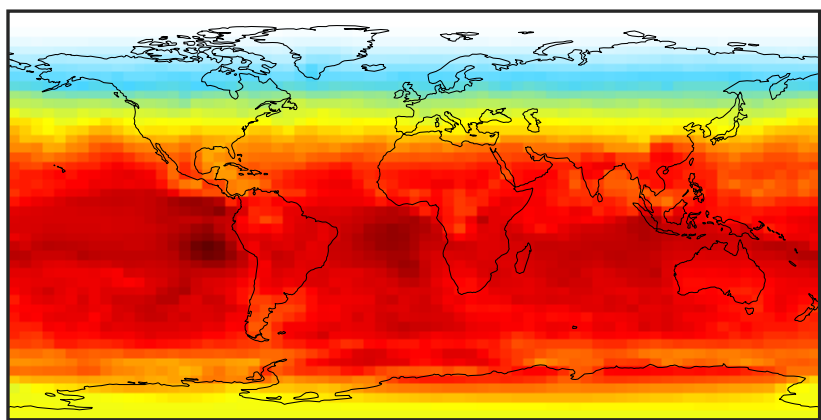


Ratio
Dev/Ref, Fixed Range



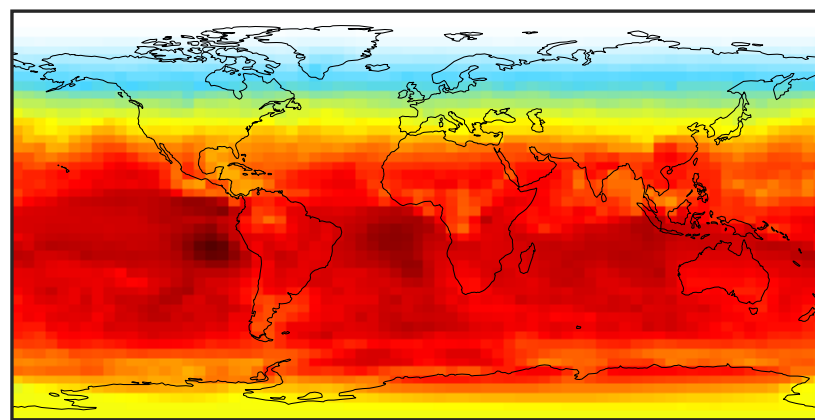
Jval_PP (Oct2019)

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



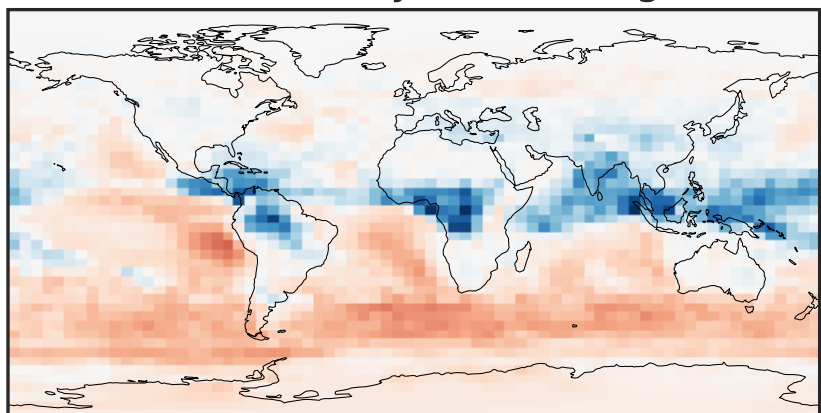
1.5 3.0
s-1 1e-6

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



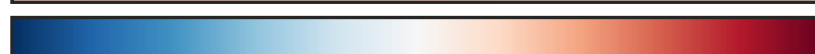
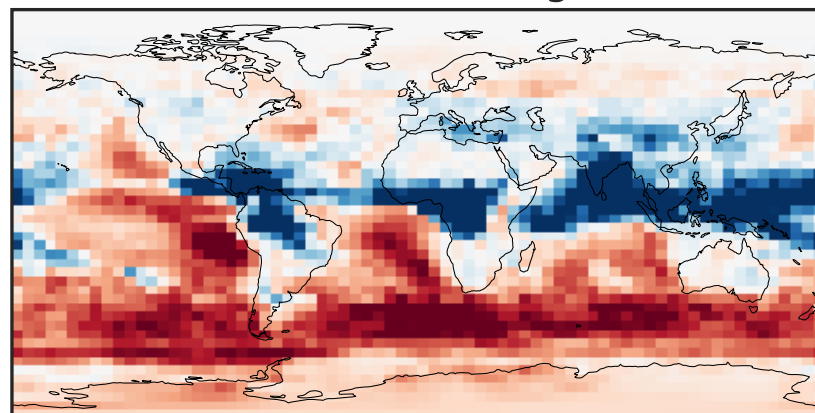
1.5 3.0
s-1 1e-6

Difference
Dev - Ref, Dynamic Range



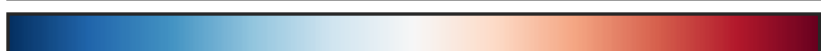
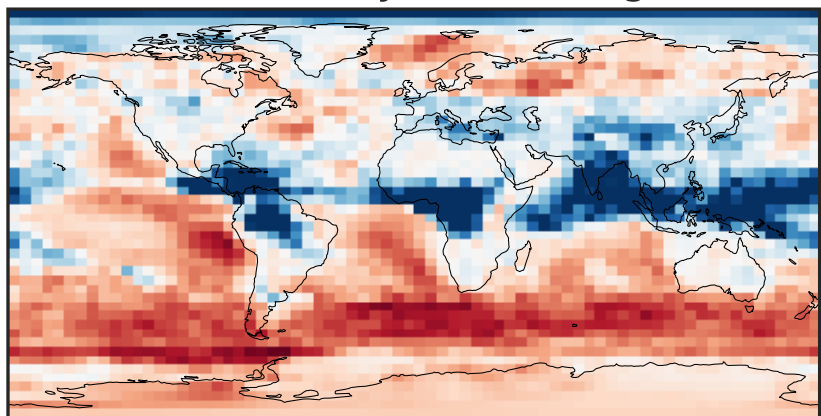
-8 0 8
s-1 1e-8

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



-4 0 4
s-1 1e-8

Ratio
Dev/Ref, Dynamic Range



0.97544 0.98772 1.00000 1.01259 1.02518
unitless

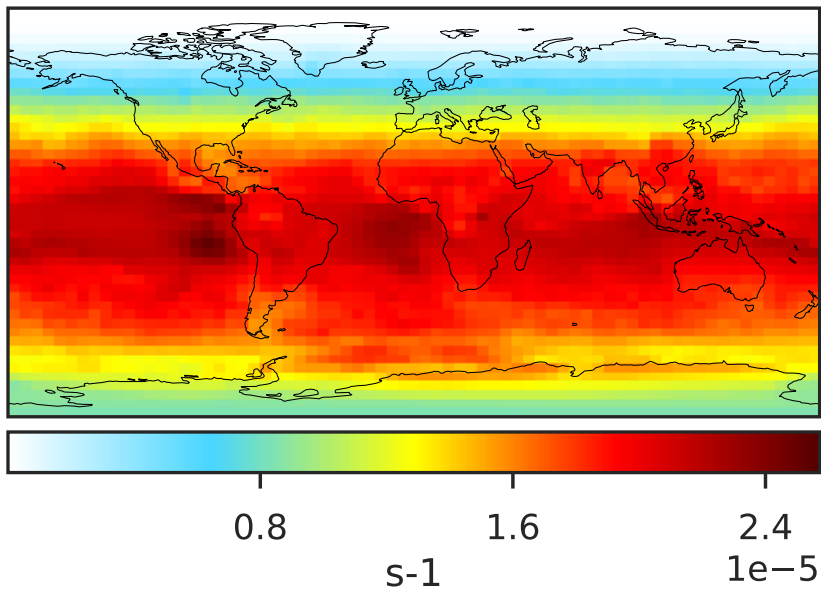
Ratio
Dev/Ref, Fixed Range



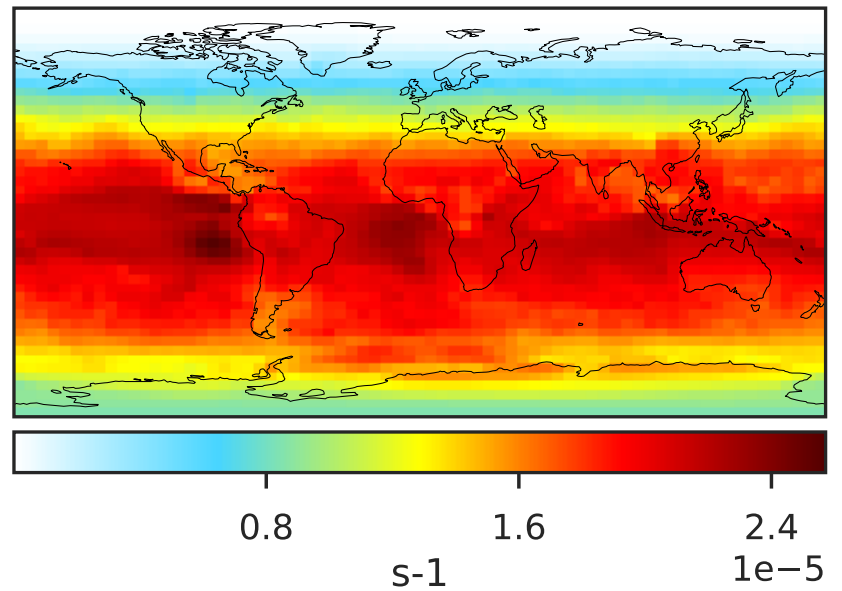
0.50 0.75 1.00 1.50 2.00
unitless

Jval_PROPNN (Oct2019)

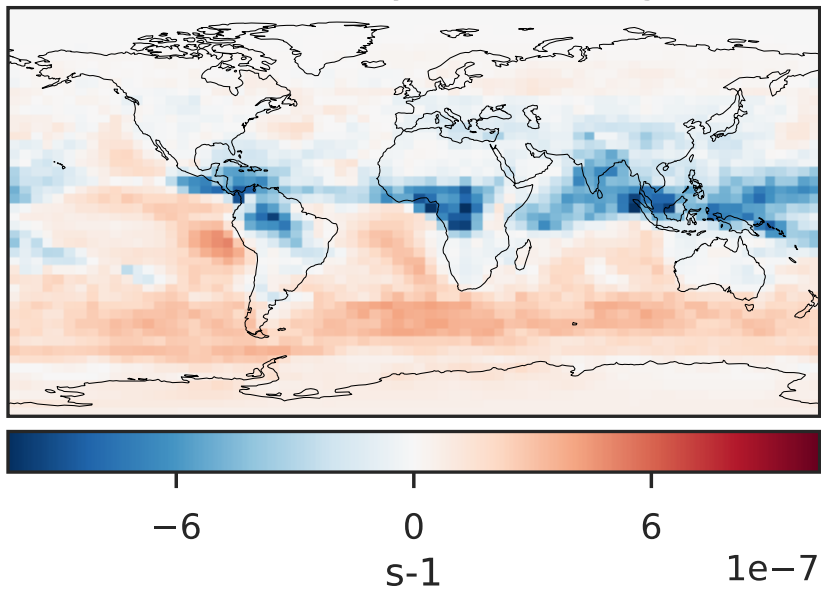
14.2.0-rc.2 (Ref)
4.0x5.0



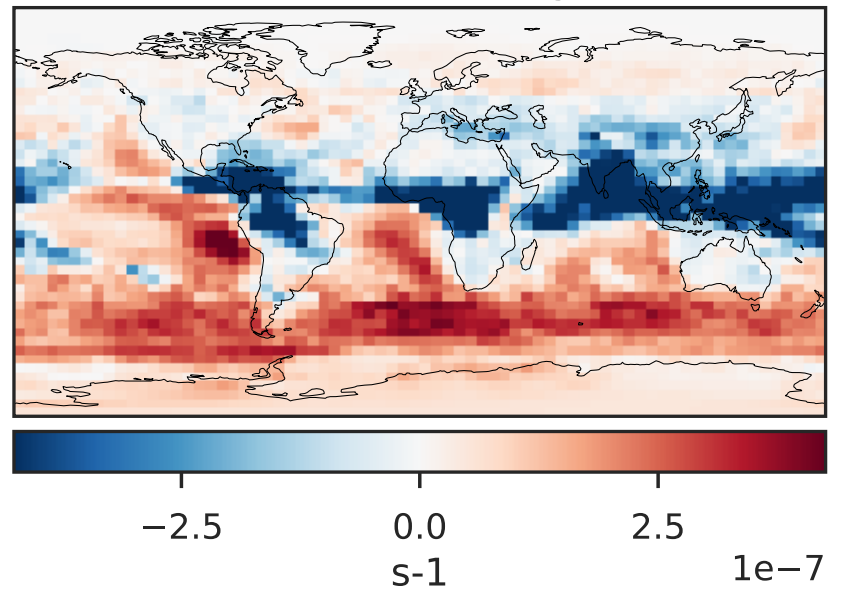
14.3.0-rc.0 (Dev)
4.0x5.0



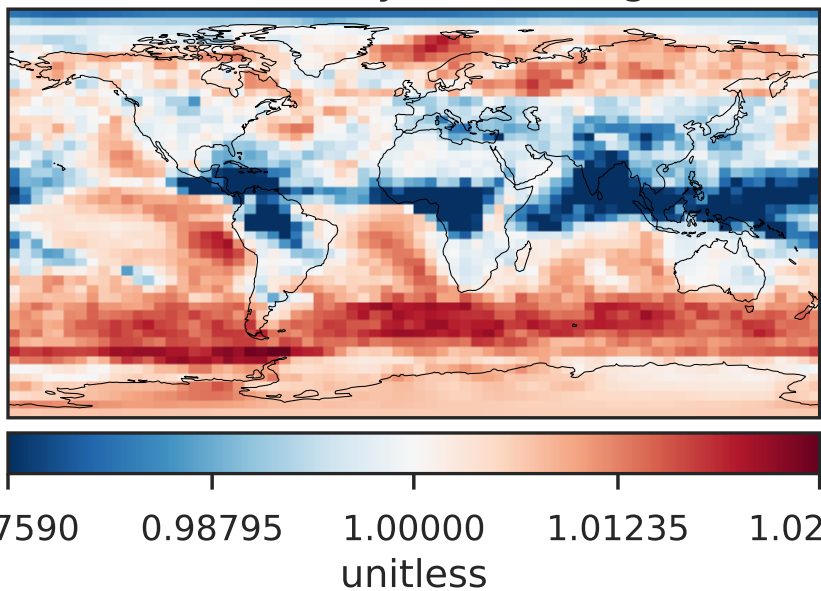
Difference
Dev - Ref, Dynamic Range



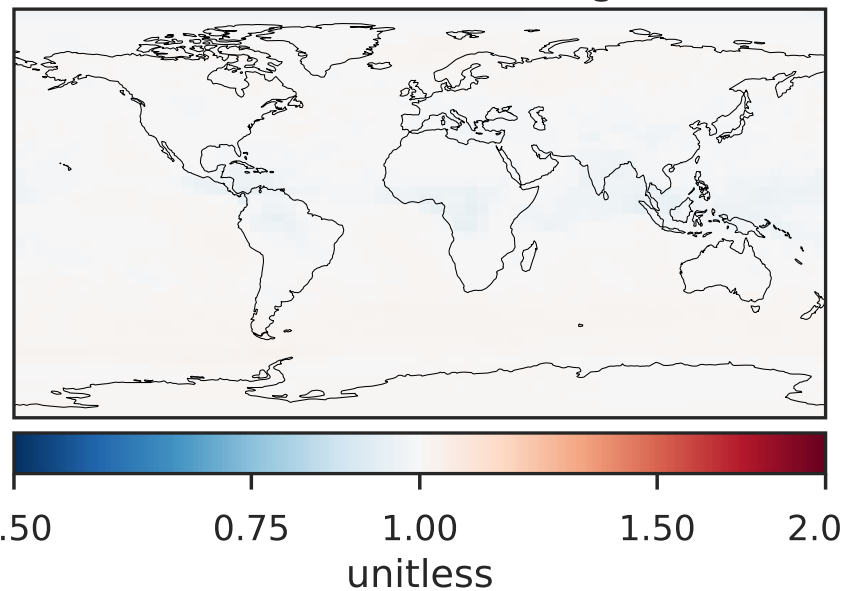
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

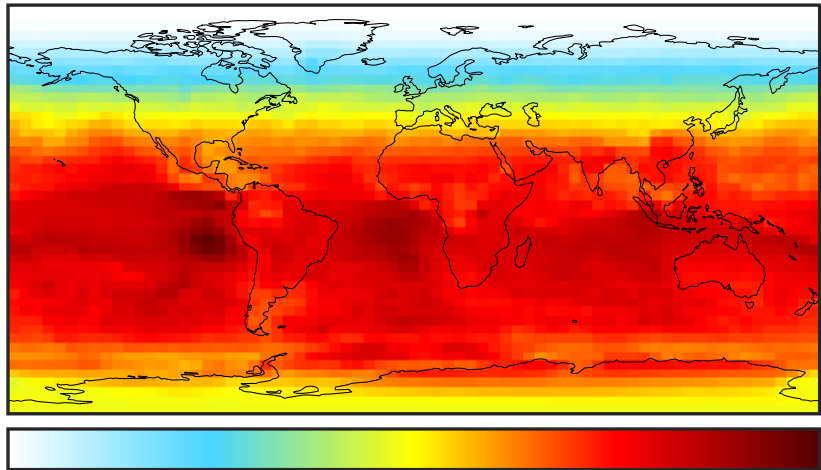


Ratio
Dev/Ref, Fixed Range



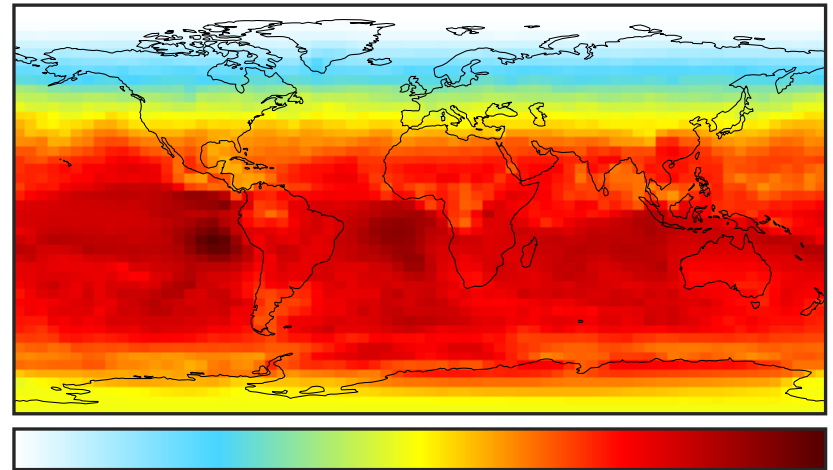
Jval_PRPN (Oct2019)

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



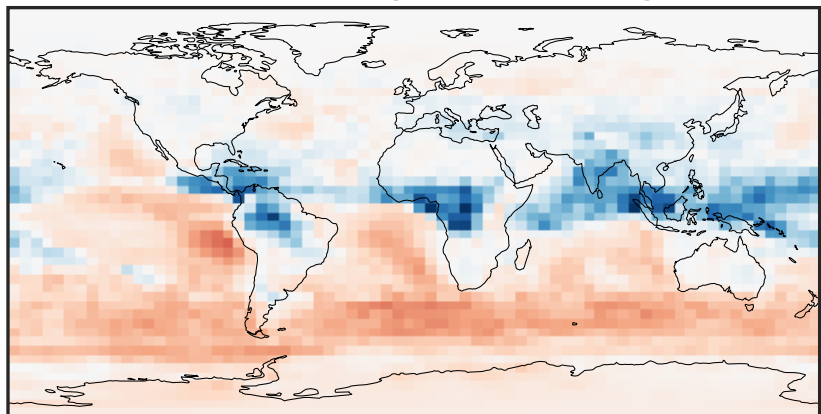
1.5 3.0 $1e-6$
s-1

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



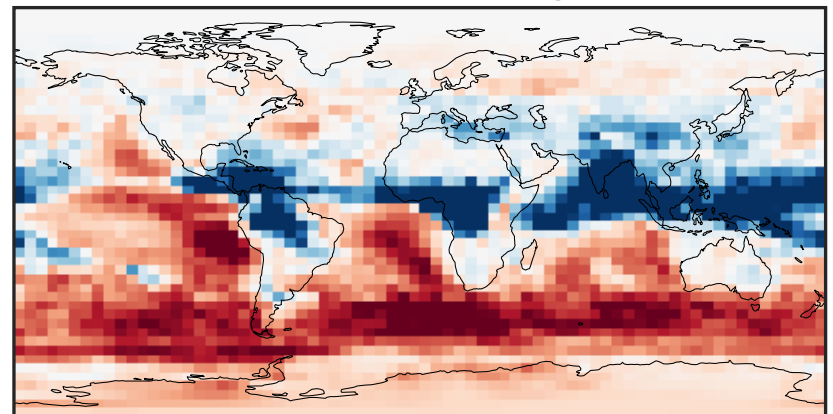
1.5 3.0 $1e-6$
s-1

Difference
Dev - Ref, Dynamic Range



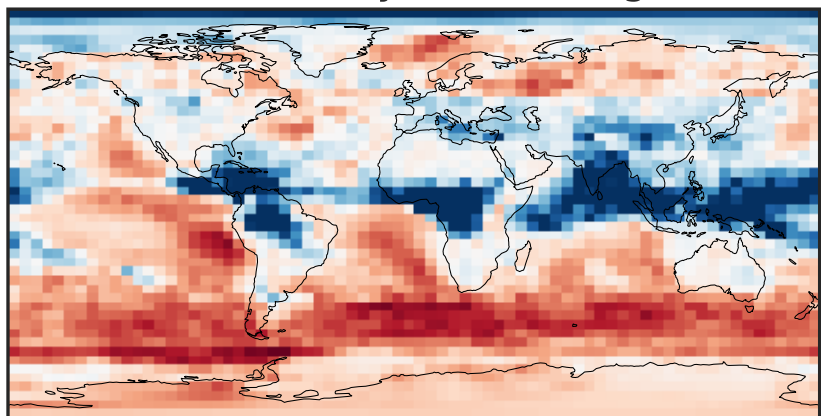
-8 0 8 $1e-8$
s-1

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



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

Ratio
Dev/Ref, Dynamic Range



0.97544 0.98772 1.00000 1.01259 1.02518
unitless

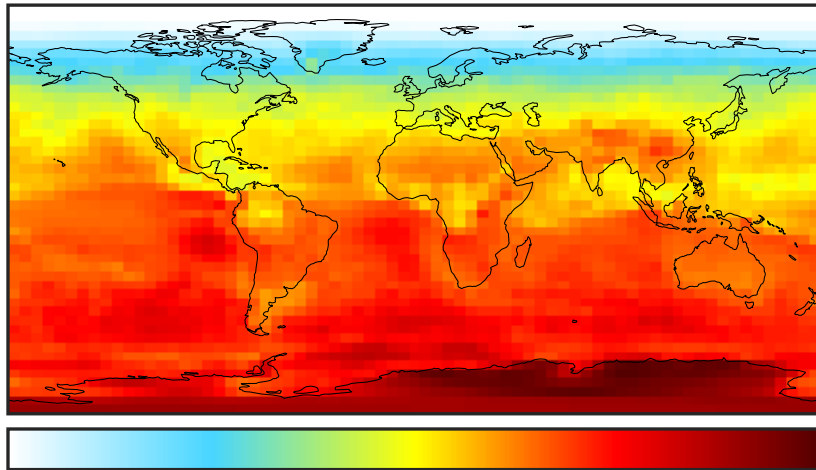
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

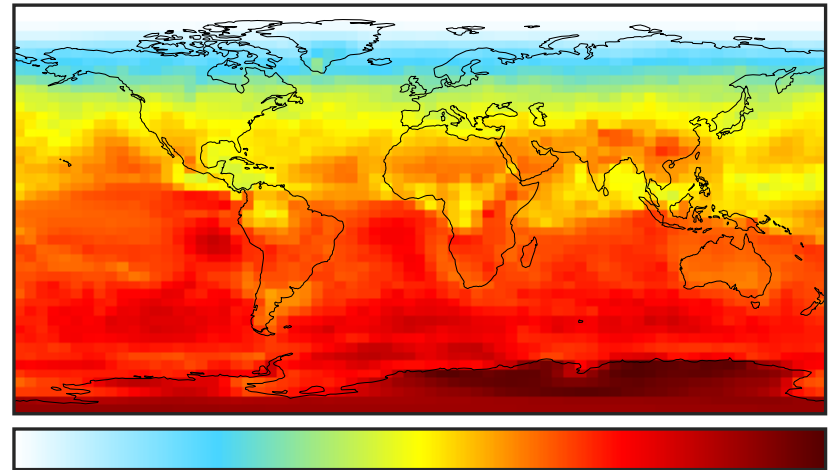
Jval_PYAC (Oct2019)

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



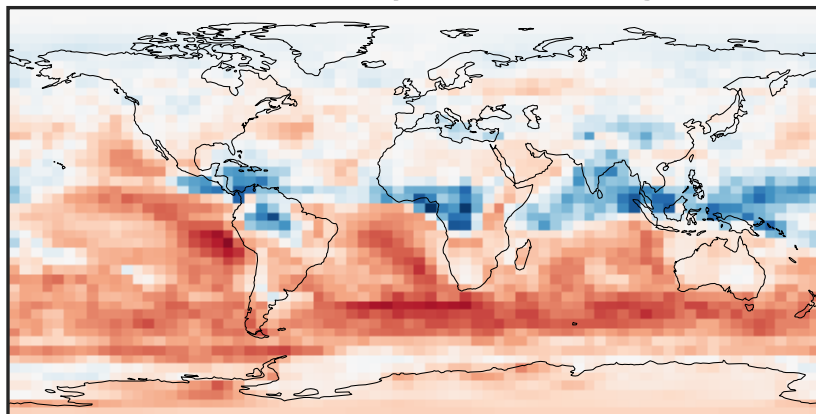
0.00006 0.00012 0.00018
s-1

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



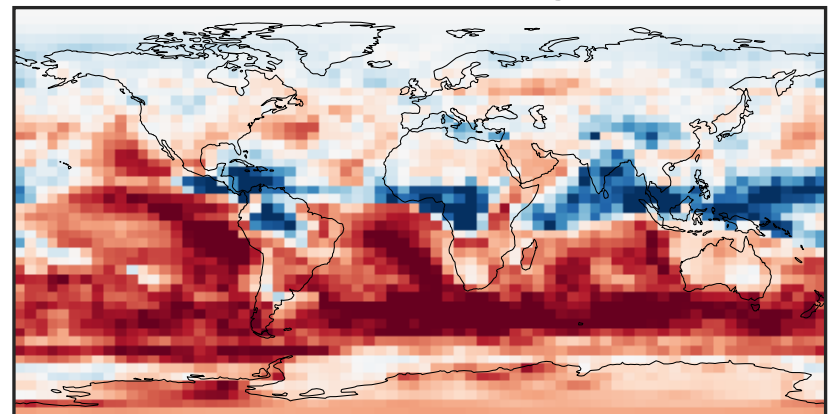
0.00006 0.00012 0.00018
s-1

Difference
Dev - Ref, Dynamic Range



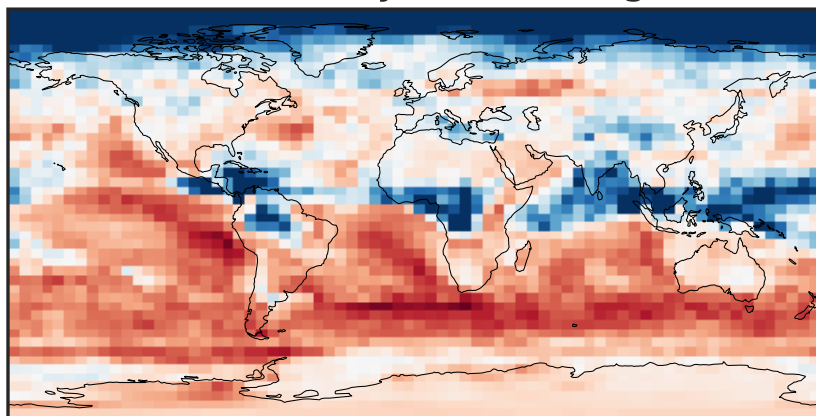
-4 0 4
s-1 1e-6

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



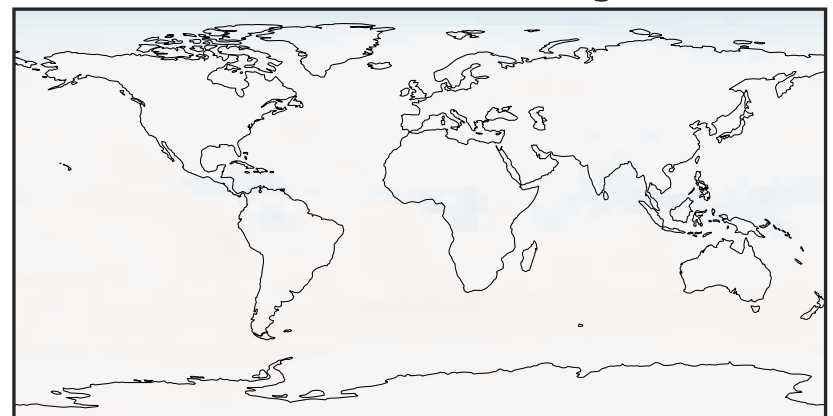
-2 0 2
s-1 1e-6

Ratio
Dev/Ref, Dynamic Range



0.96959 0.98479 1.00000 1.01568 1.03137
unitless

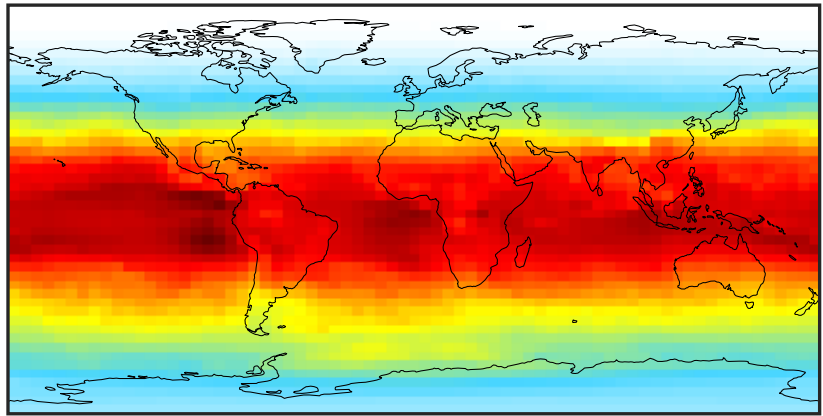
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

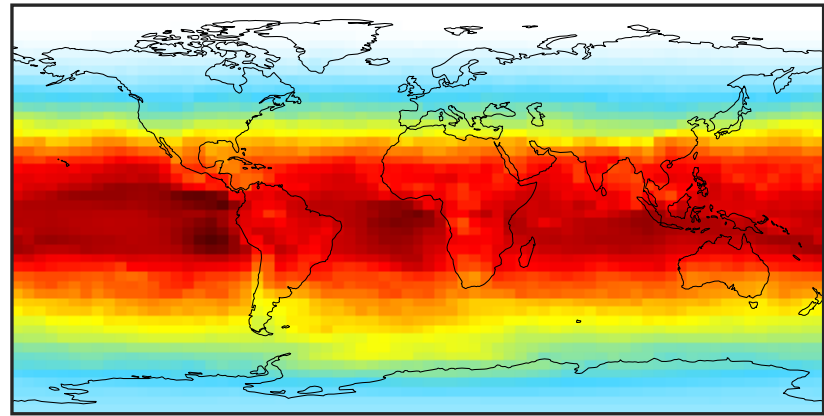
Jval_R4N2 (Oct2019)

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



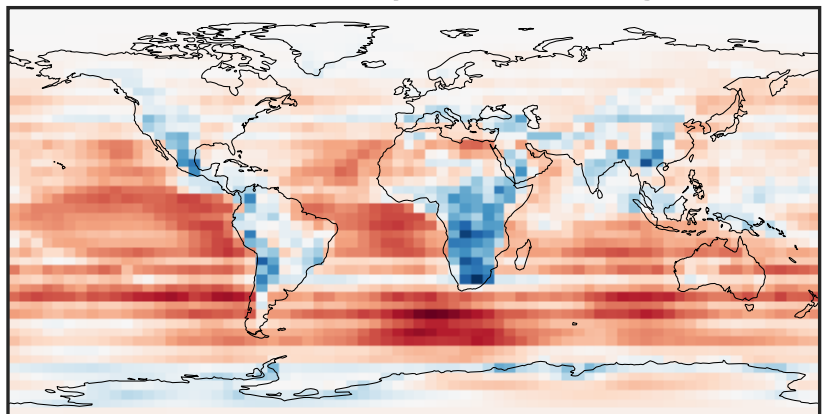
0.4 0.8 1.2
s-1 1e-6

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



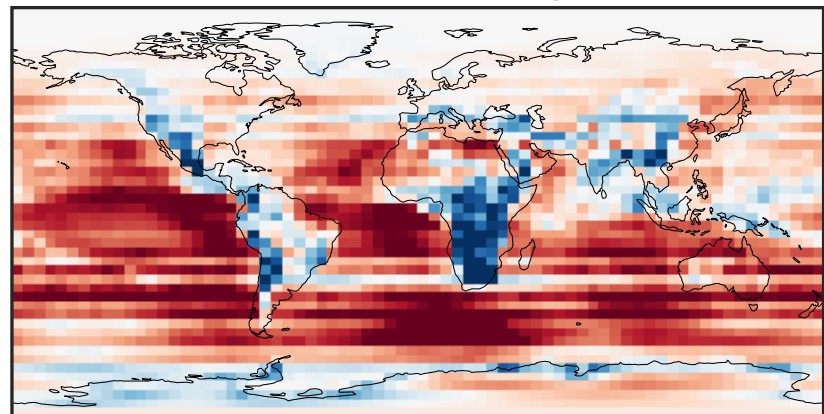
0.4 0.8 1.2
s-1 1e-6

Difference
Dev - Ref, Dynamic Range



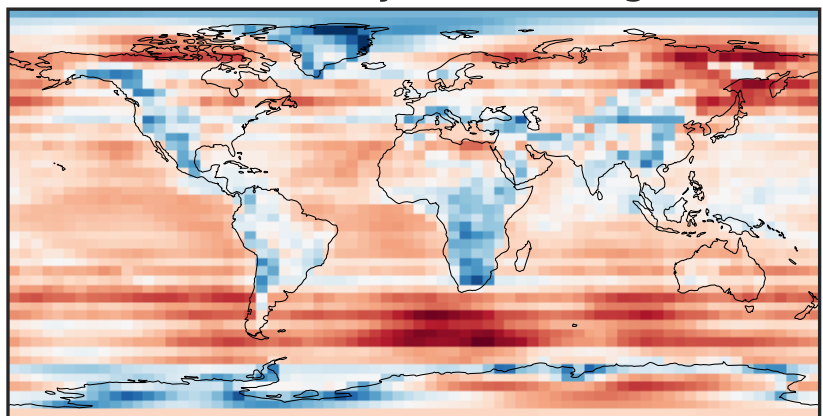
-4 0 4
s-1 1e-8

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



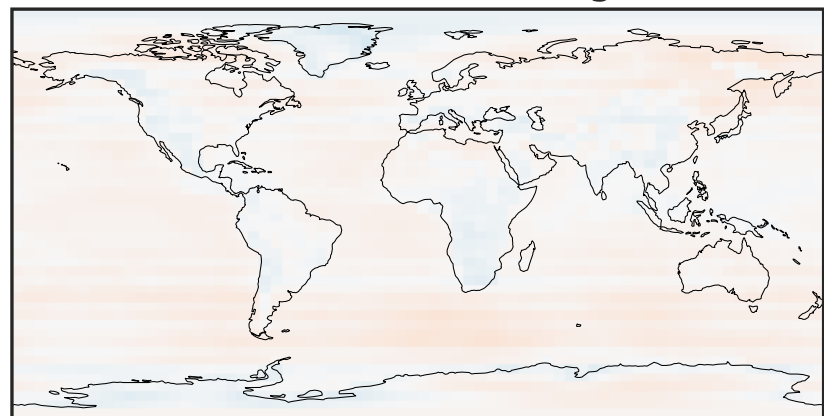
-2 0 2
s-1 1e-8

Ratio
Dev/Ref, Dynamic Range



0.9127 0.9563 1.0000 1.0478 1.0957
unitless

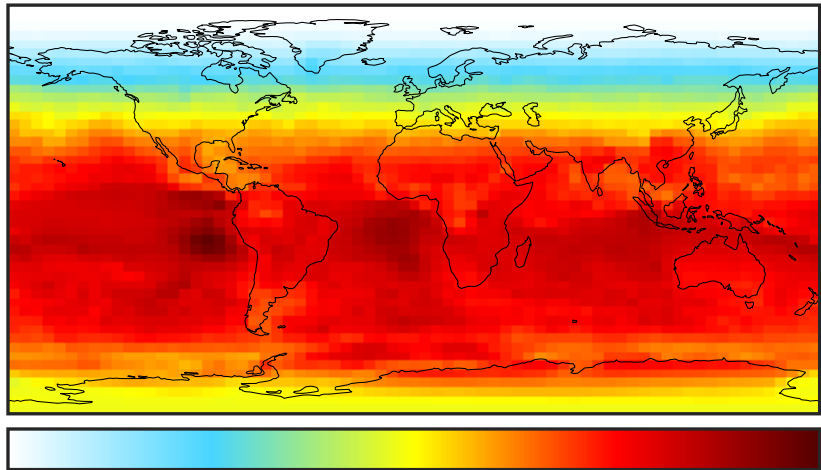
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

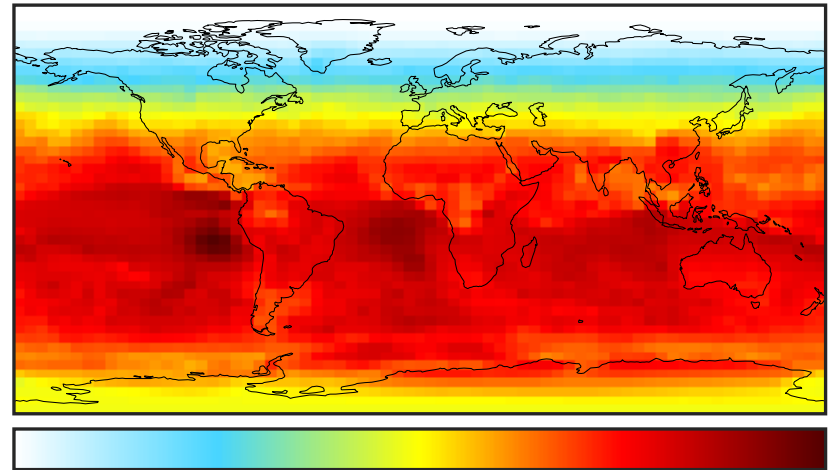
Jval_R4P (Oct2019)

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



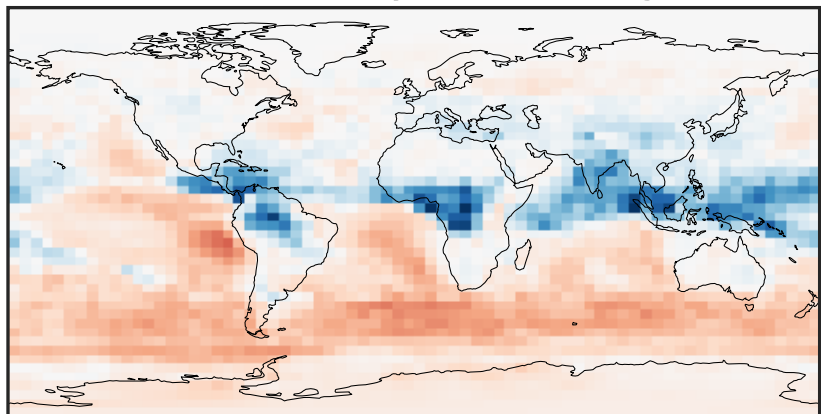
1.5 3.0 $1e-6$
s-1

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



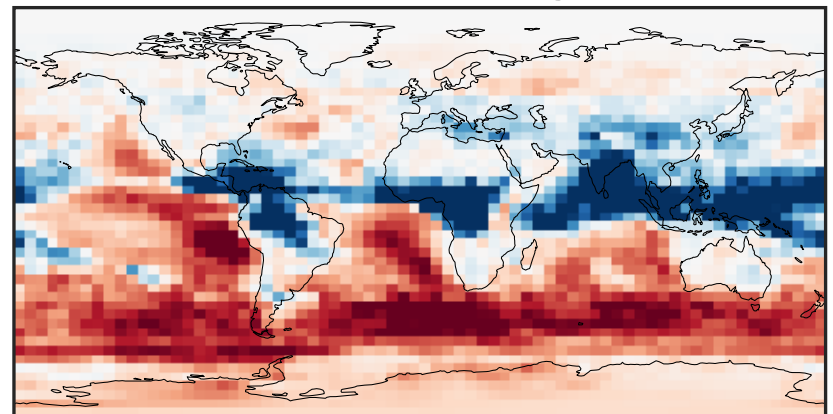
1.5 3.0 $1e-6$
s-1

Difference
Dev - Ref, Dynamic Range



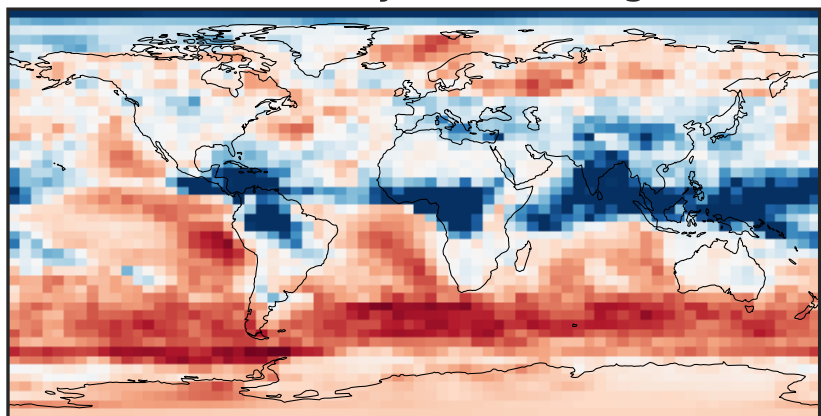
-8 0 8 $1e-8$
s-1

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



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

Ratio
Dev/Ref, Dynamic Range



0.97544 0.98772 1.00000 1.01259 1.02518
unitless

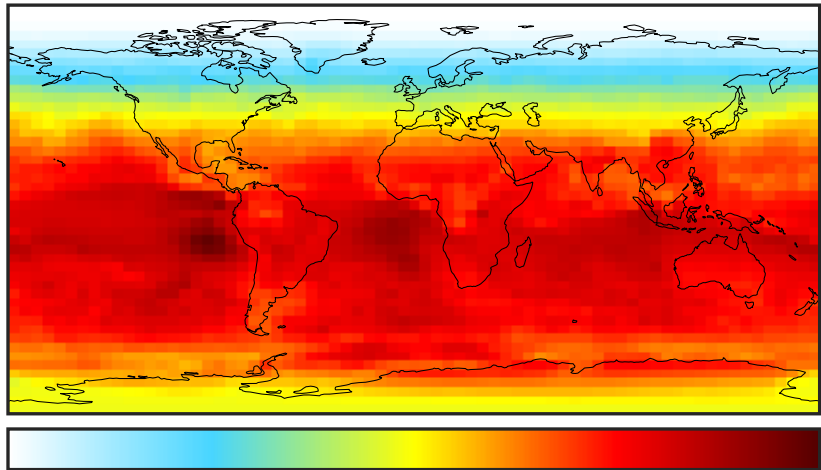
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

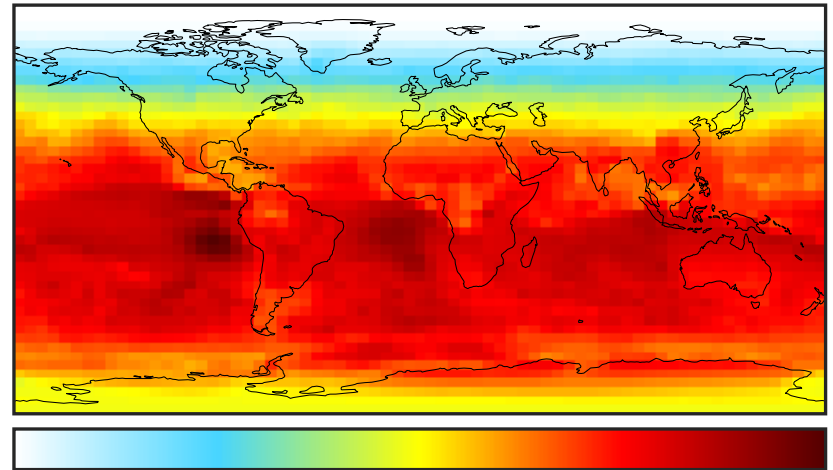
Jval_RA3P (Oct2019)

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



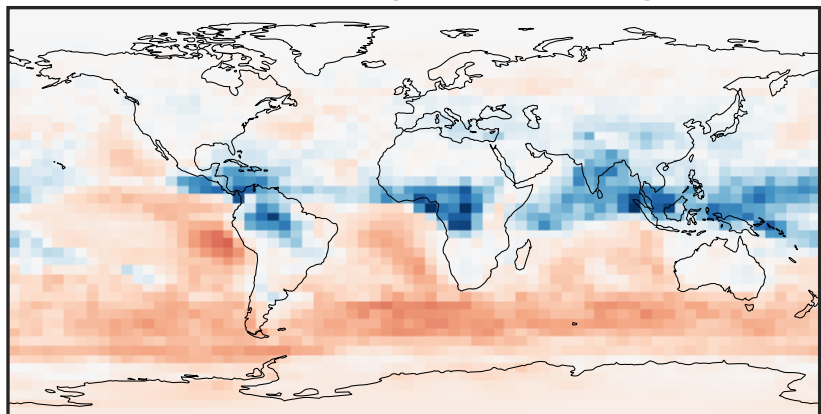
1.5 3.0 $1e-6$
s-1

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



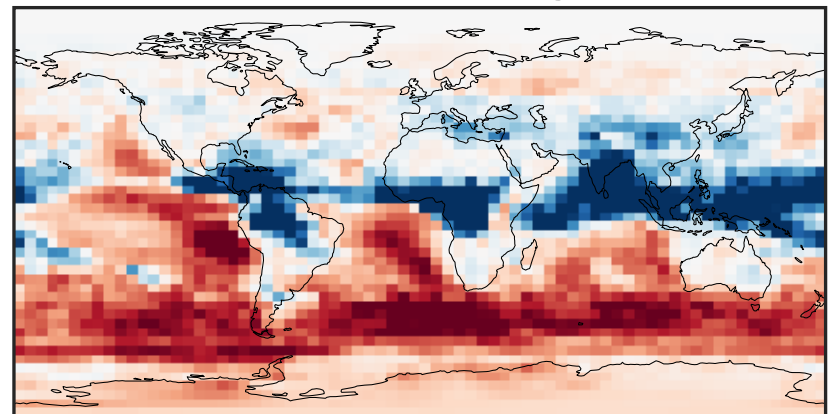
1.5 3.0 $1e-6$
s-1

Difference
Dev - Ref, Dynamic Range



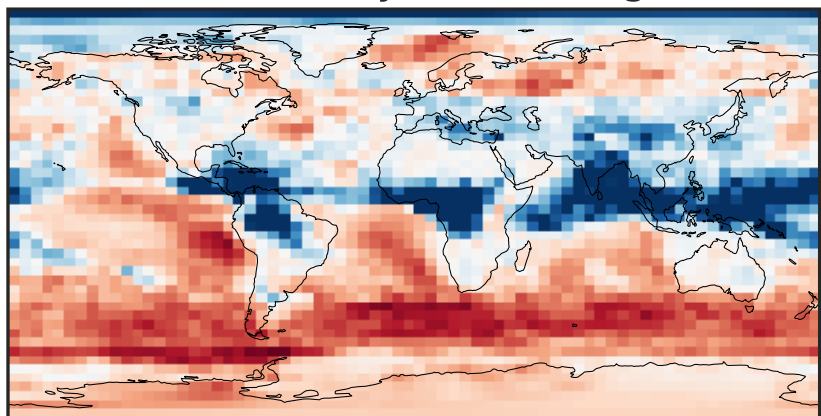
-8 0 8 $1e-8$
s-1

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



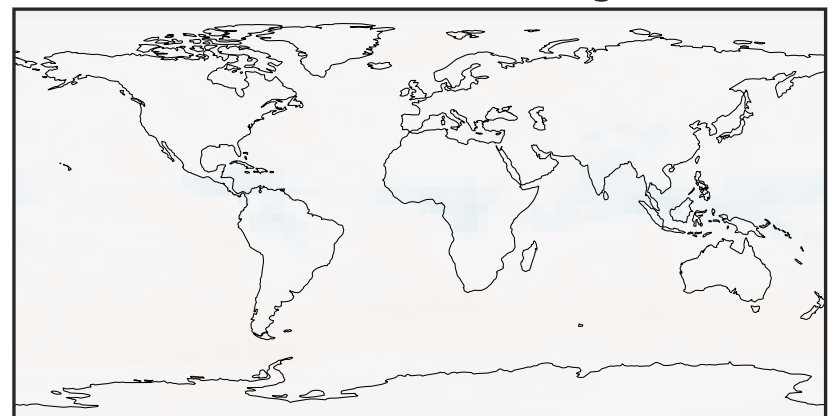
-4 0 4 $1e-8$
s-1

Ratio
Dev/Ref, Dynamic Range



0.97544 0.98772 1.00000 1.01259 1.02518
unitless

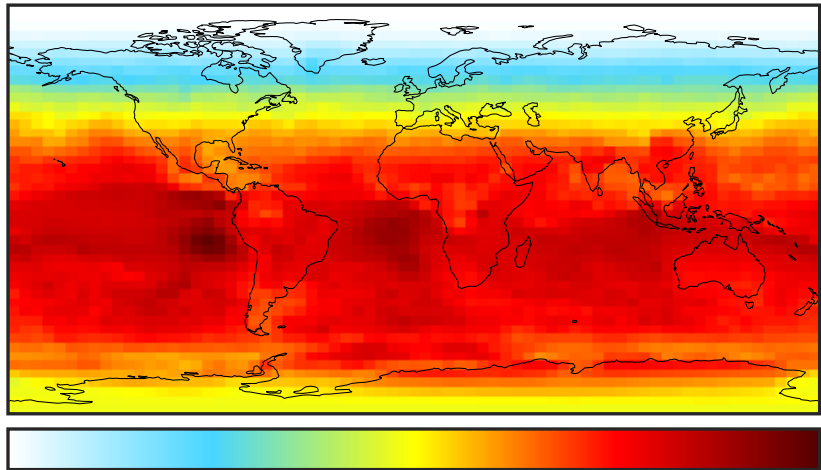
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

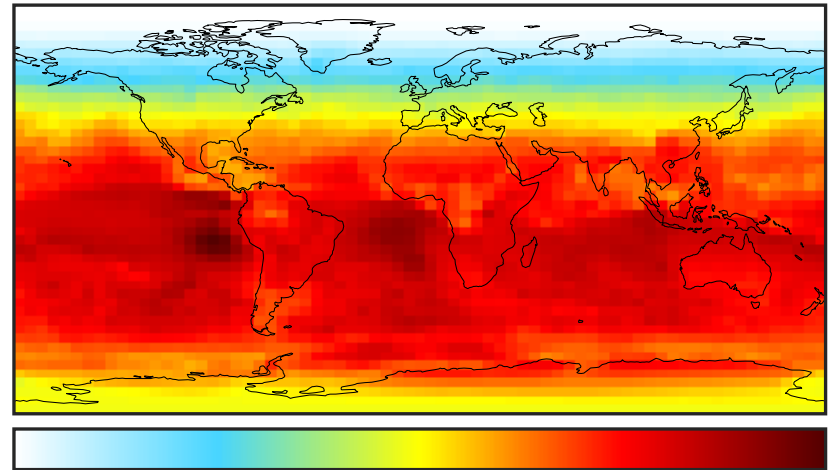
Jval_RB3P (Oct2019)

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



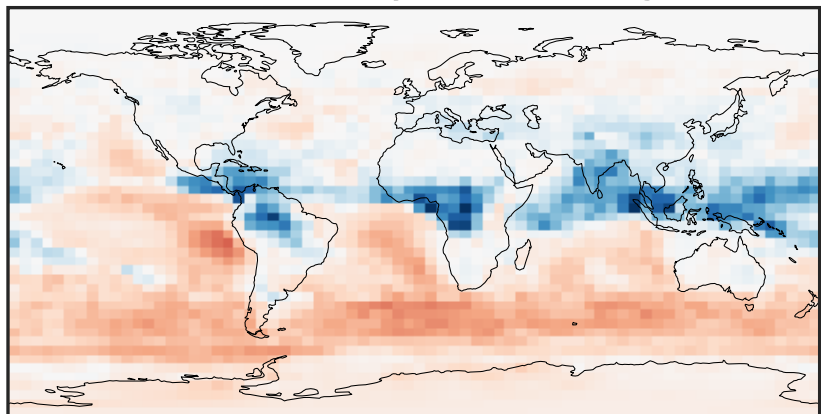
1.5 3.0 $1e-6$
s-1

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



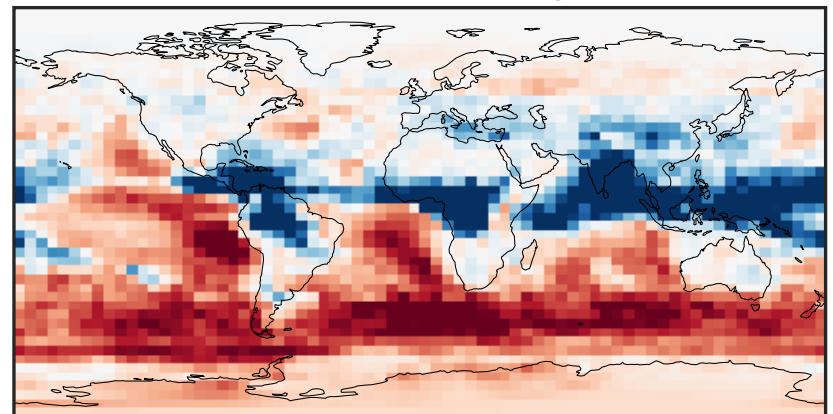
1.5 3.0 $1e-6$
s-1

Difference
Dev - Ref, Dynamic Range



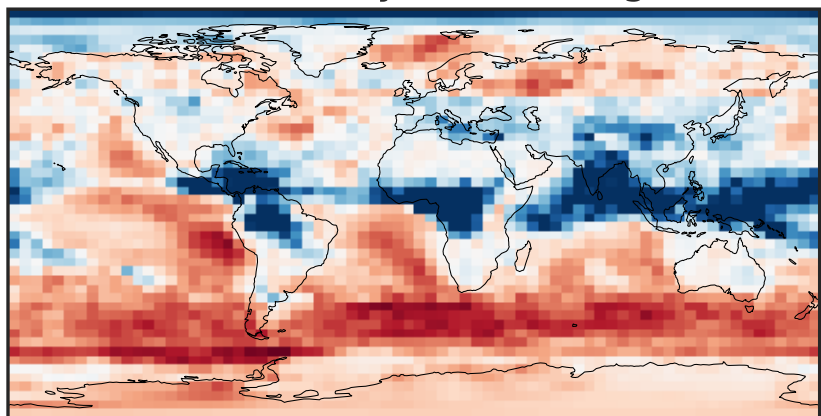
-8 0 8 $1e-8$
s-1

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



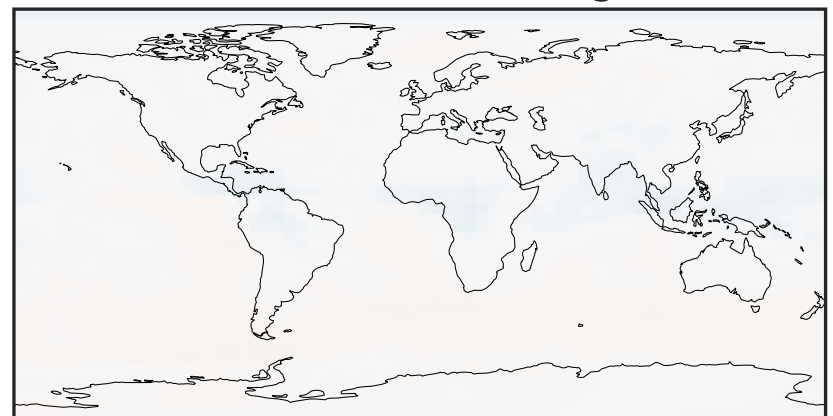
-4 0 4 $1e-8$
s-1

Ratio
Dev/Ref, Dynamic Range



0.97544 0.98772 1.00000 1.01259 1.02518
unitless

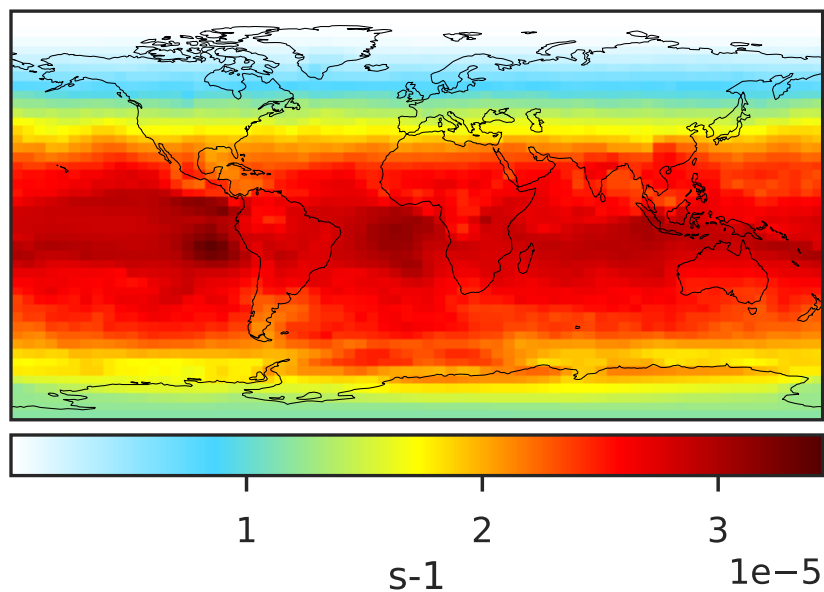
Ratio
Dev/Ref, Fixed Range



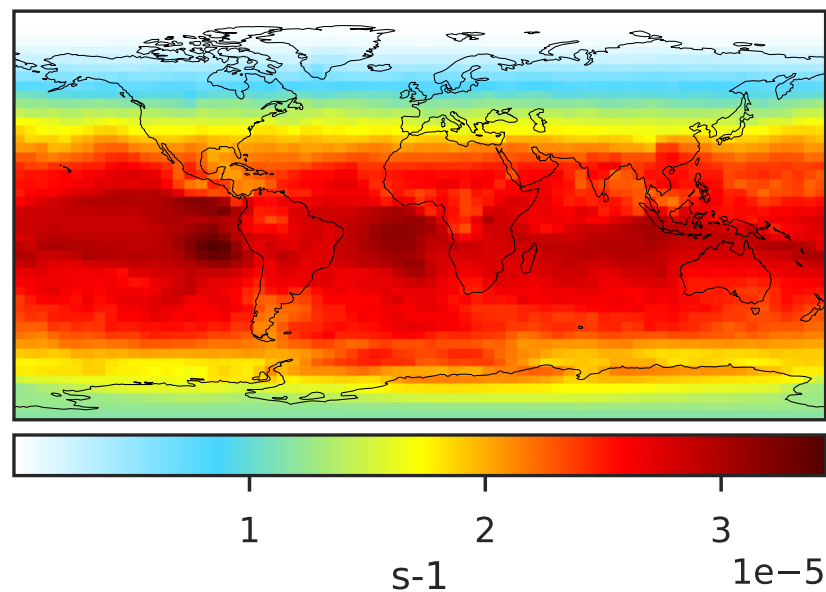
0.50 0.75 1.00 1.50 2.00
unitless

Jval_RCHO (Oct2019)

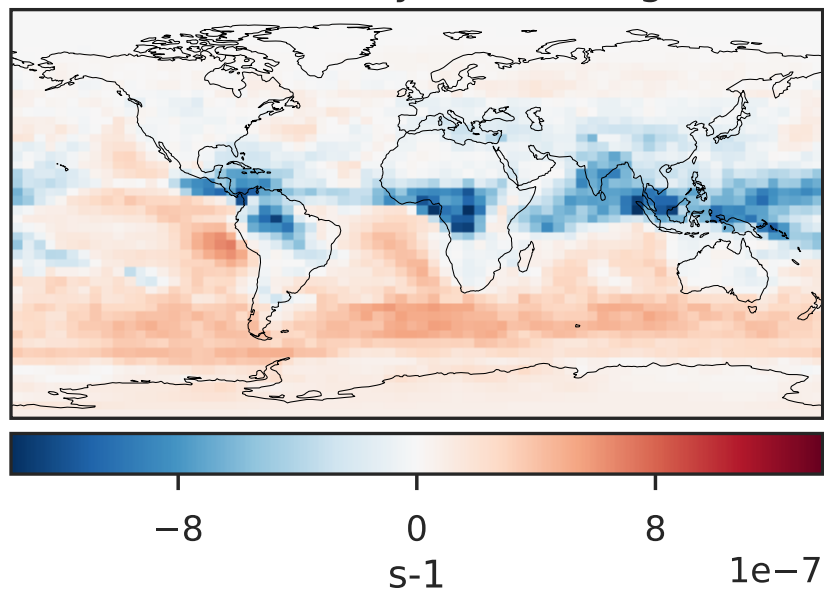
14.2.0-rc.2 (Ref)
4.0x5.0



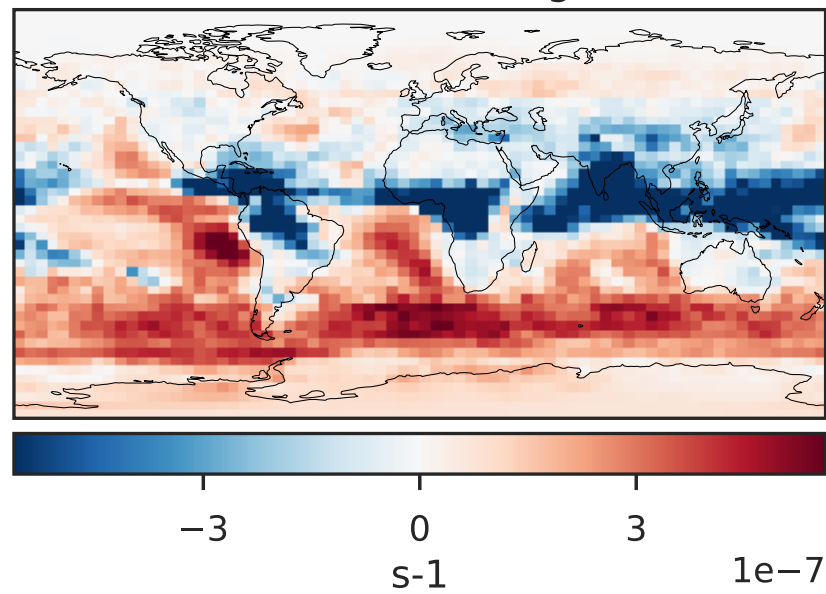
14.3.0-rc.0 (Dev)
4.0x5.0



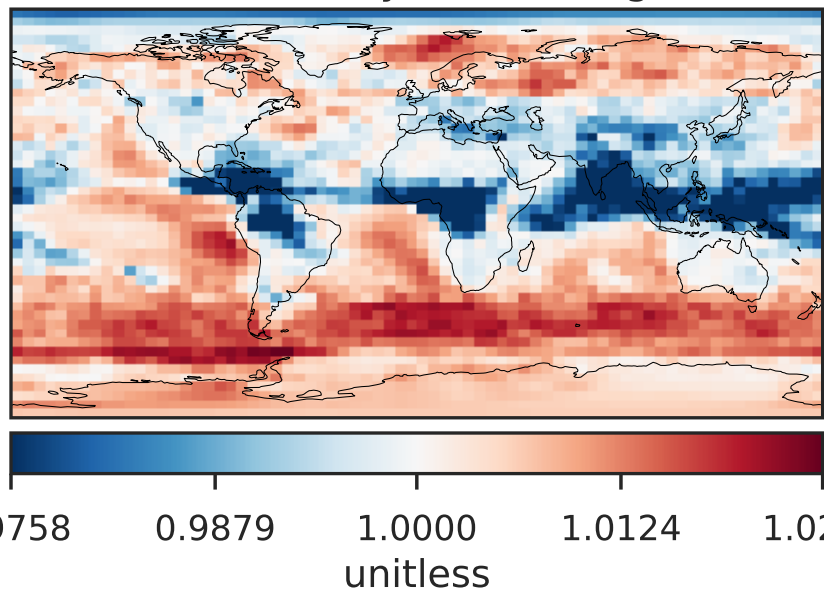
Difference
Dev - Ref, Dynamic Range



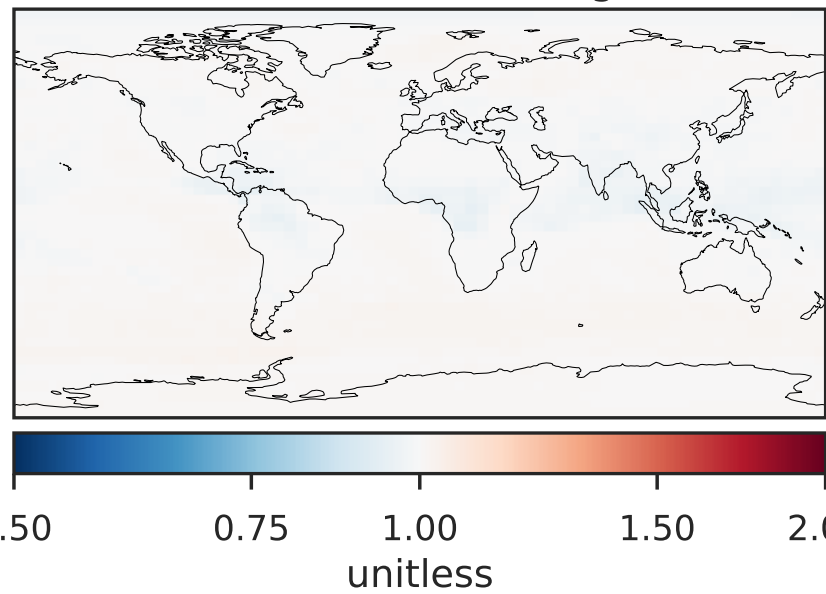
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

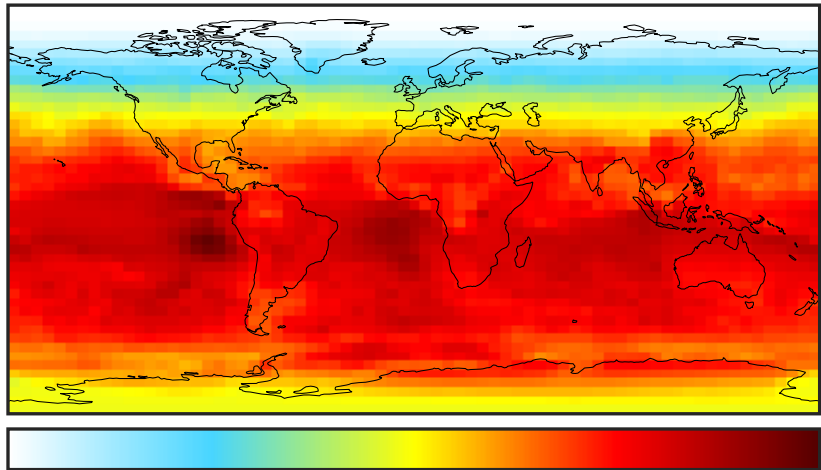


Ratio
Dev/Ref, Fixed Range



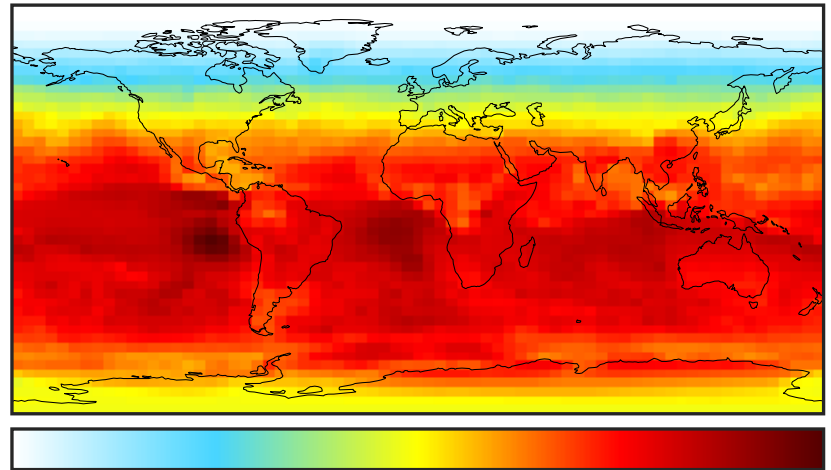
Jval_RIPA (Oct2019)

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



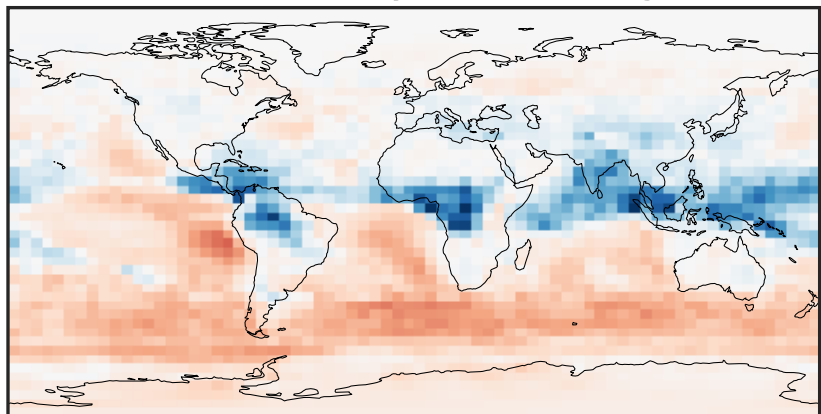
1.5 3.0 $1e-6$
s-1

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



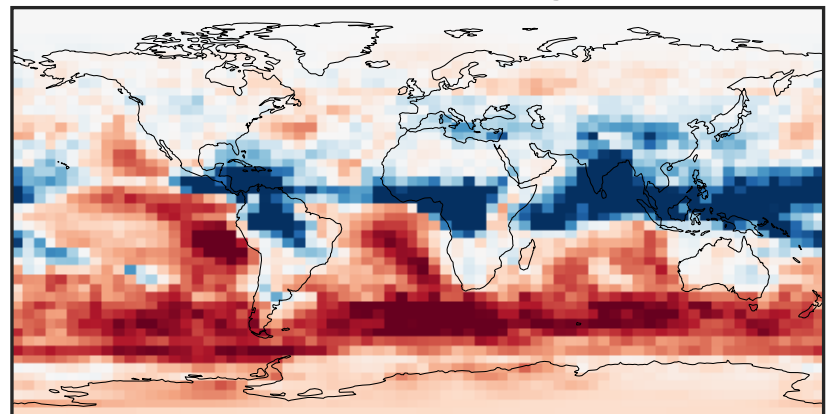
1.5 3.0 $1e-6$
s-1

Difference
Dev - Ref, Dynamic Range



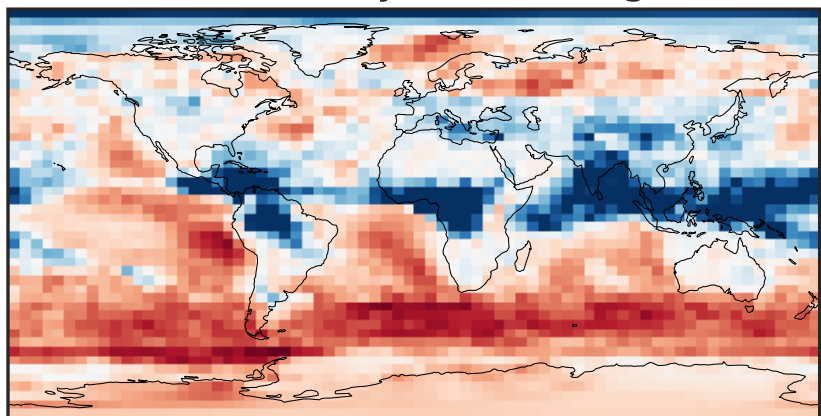
-8 0 8 $1e-8$
s-1

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



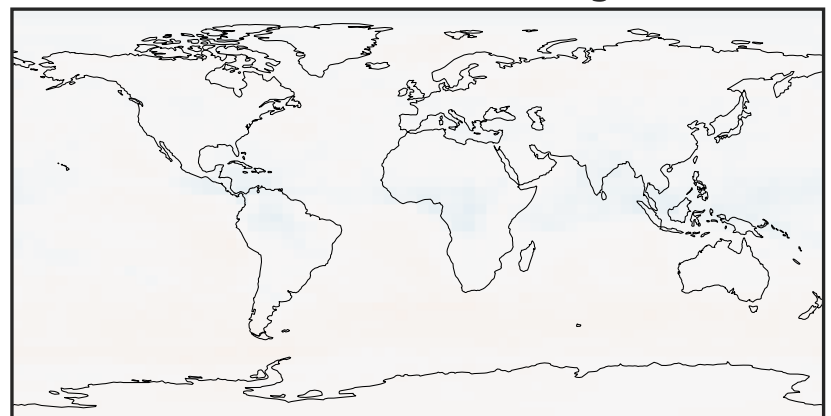
-4 0 4 $1e-8$
s-1

Ratio
Dev/Ref, Dynamic Range



0.97544 0.98772 1.00000 1.01259 1.02518
unitless

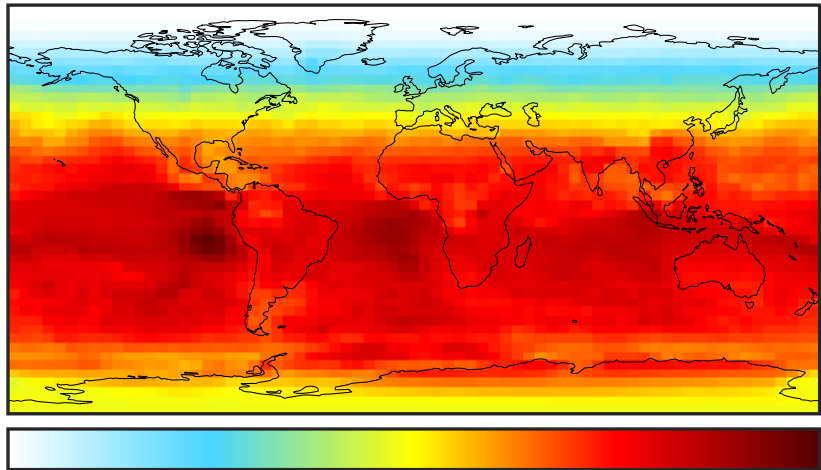
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

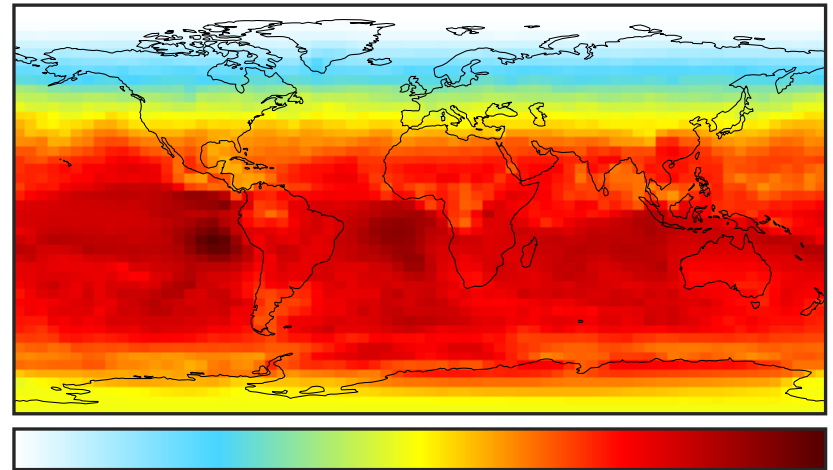
Jval_RIPB (Oct2019)

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



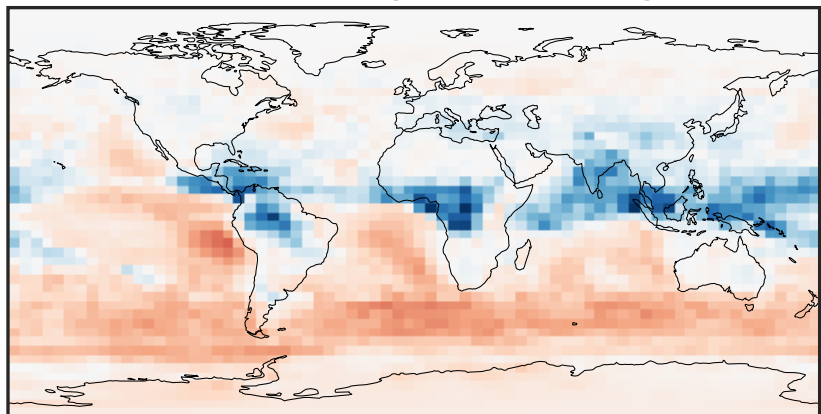
1.5 3.0 $1e-6$
s-1

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



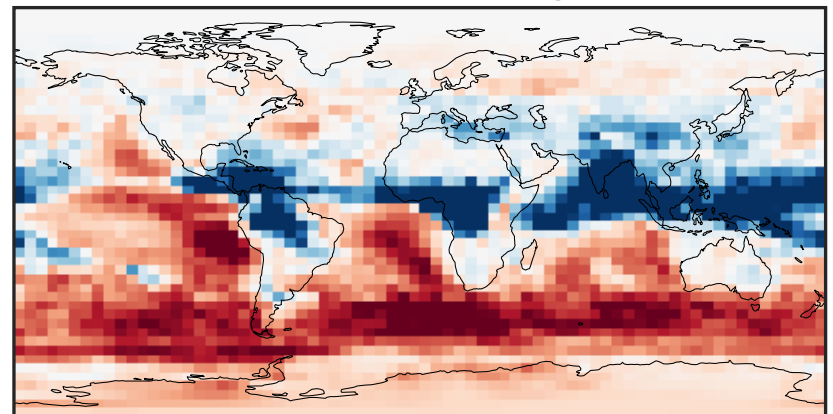
1.5 3.0 $1e-6$
s-1

Difference
Dev - Ref, Dynamic Range



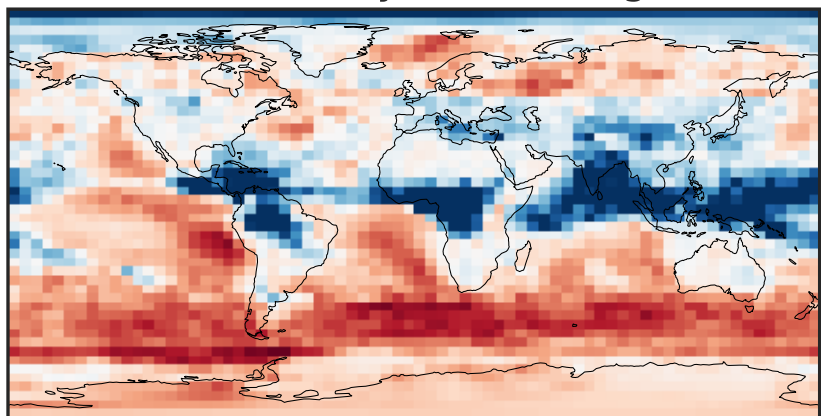
-8 0 8 $1e-8$
s-1

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



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

Ratio
Dev/Ref, Dynamic Range



0.97544 0.98772 1.00000 1.01259 1.02518
unitless

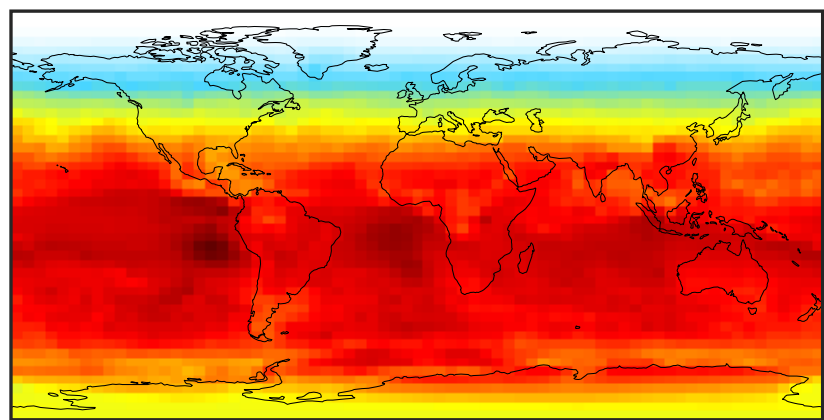
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

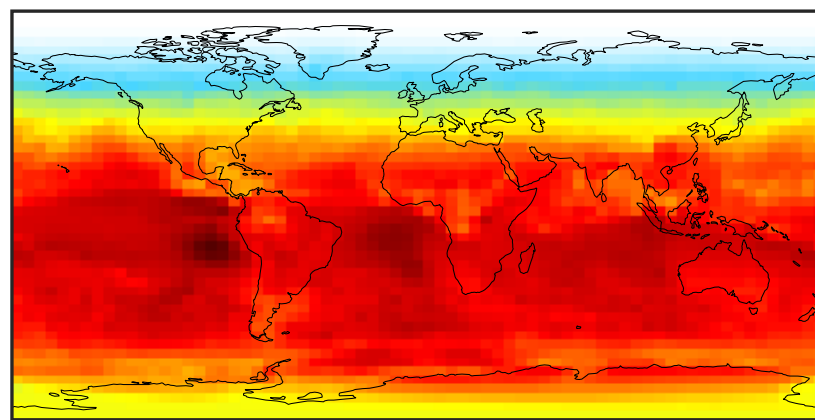
Jval_RIPC (Oct2019)

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



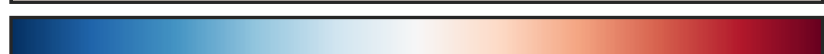
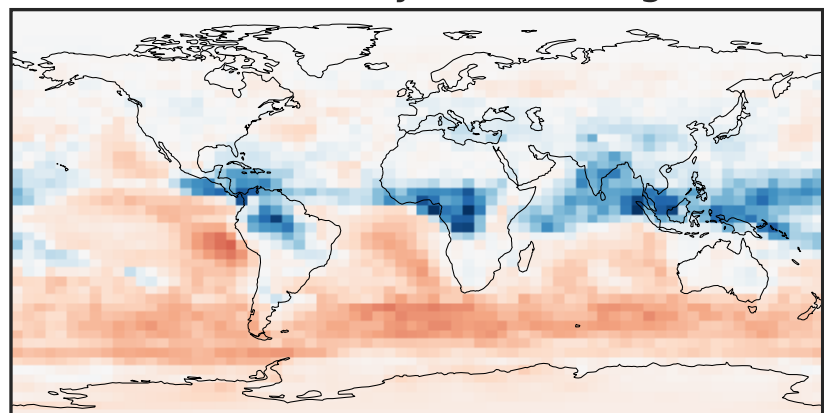
1.5 3.0
s-1 1e-6

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



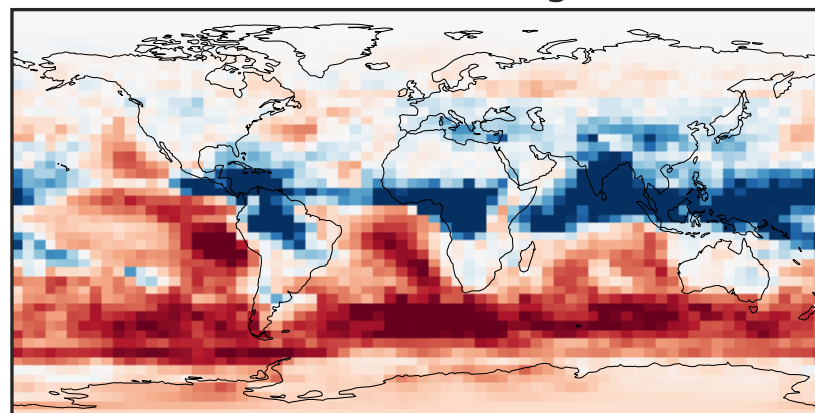
1.5 3.0
s-1 1e-6

Difference
Dev - Ref, Dynamic Range



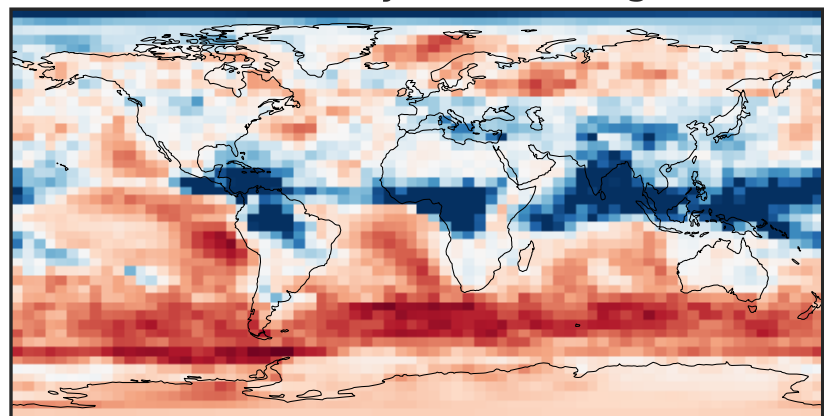
-8 0 8
s-1 1e-8

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



-4 0 4
s-1 1e-8

Ratio
Dev/Ref, Dynamic Range



0.97544 0.98772 1.00000 1.01259 1.02518
unitless

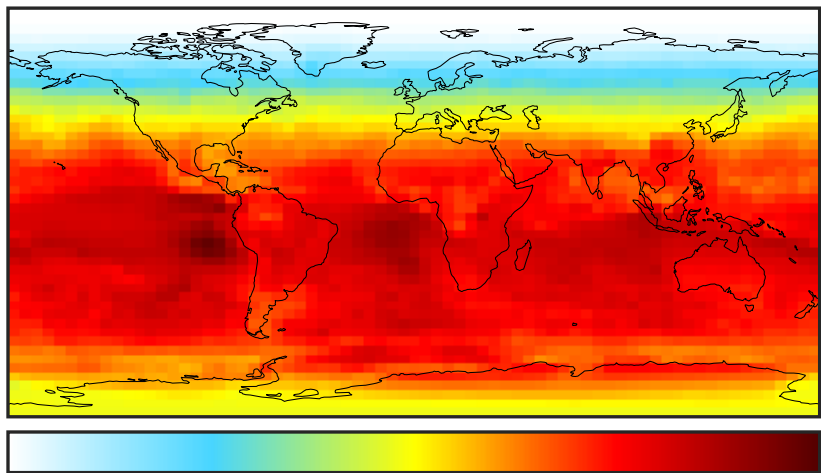
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

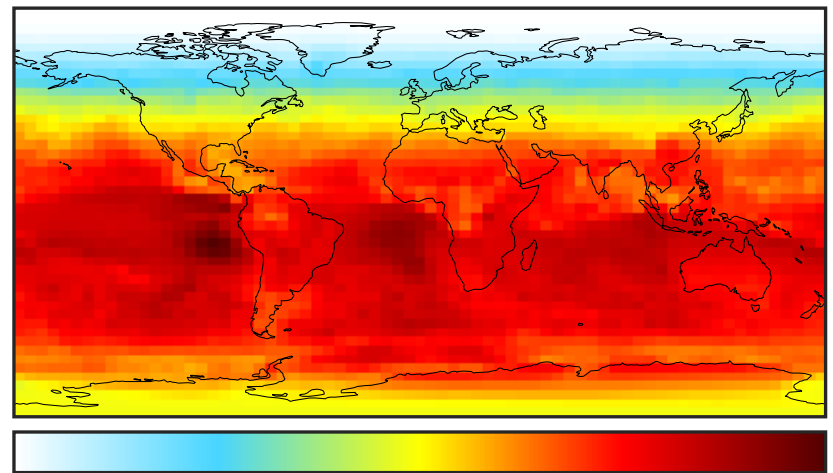
Jval_RIPD (Oct2019)

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



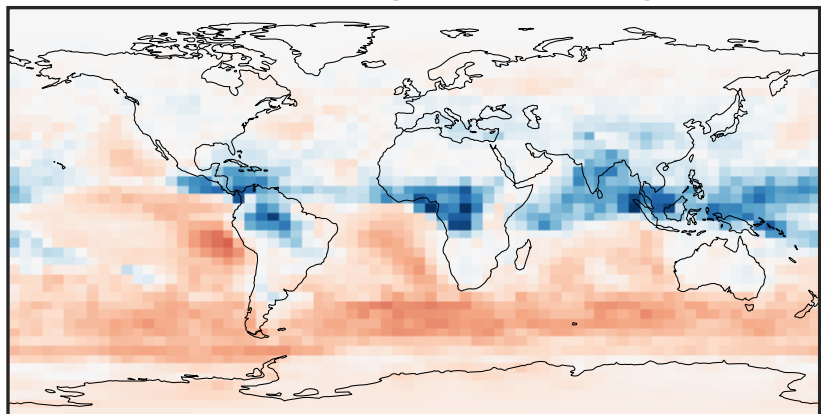
1.5 3.0 $1e-6$
s-1

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



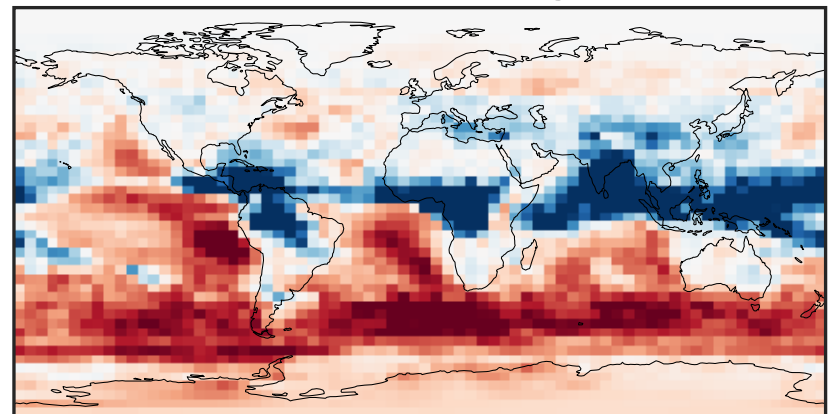
1.5 3.0 $1e-6$
s-1

Difference
Dev - Ref, Dynamic Range



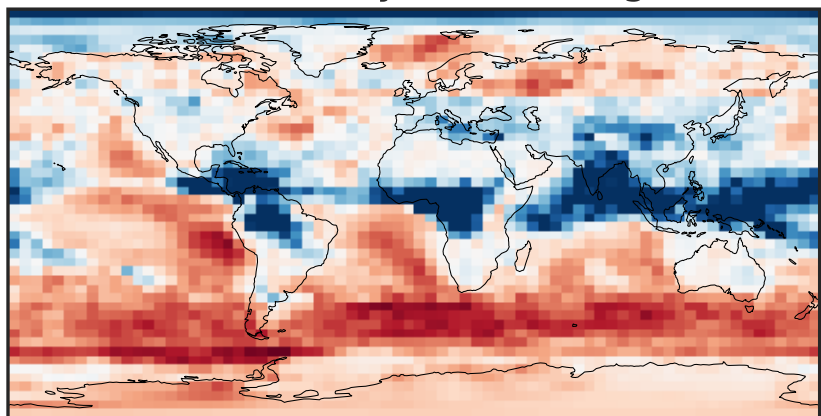
-8 0 8 $1e-8$
s-1

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



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

Ratio
Dev/Ref, Dynamic Range



0.97544 0.98772 1.00000 1.01259 1.02518
unitless

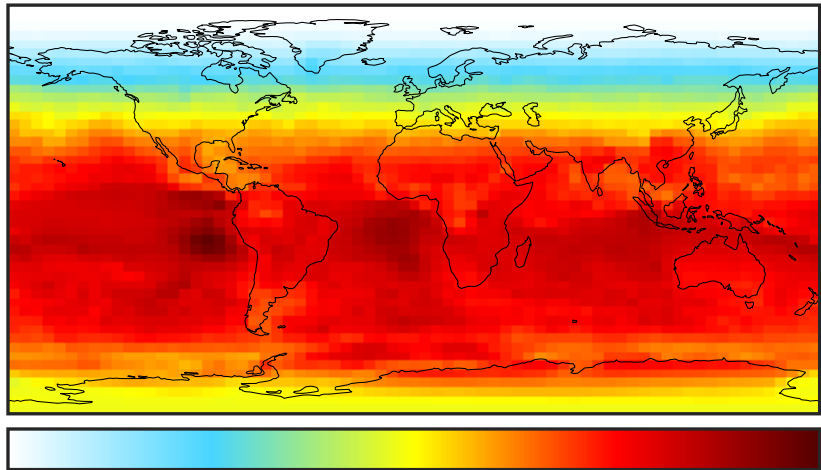
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

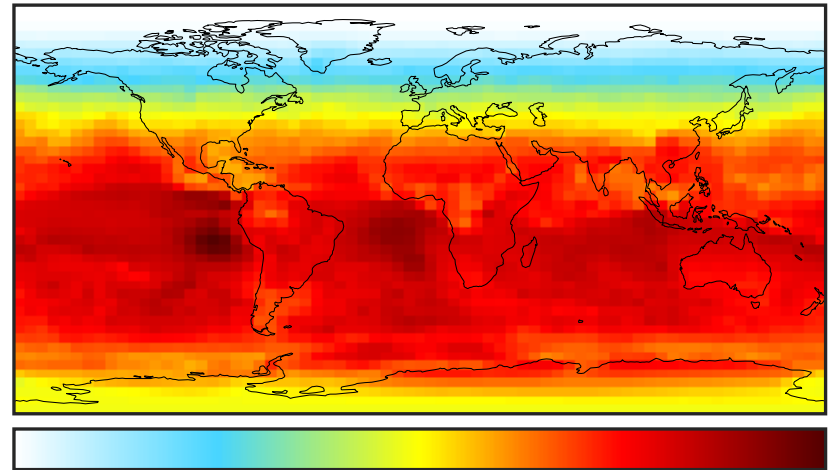
Jval_RP (Oct2019)

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



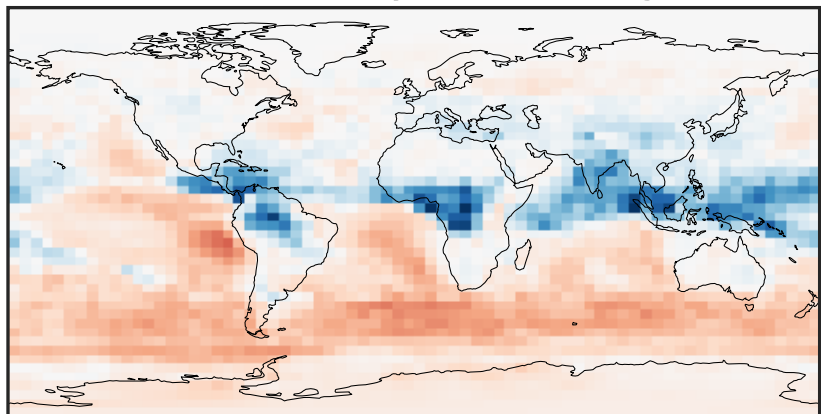
1.5 3.0 $1e-6$
s-1

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



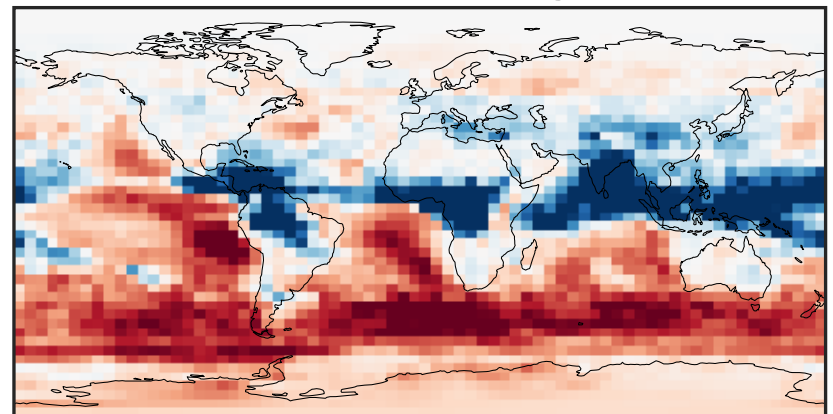
1.5 3.0 $1e-6$
s-1

Difference
Dev - Ref, Dynamic Range



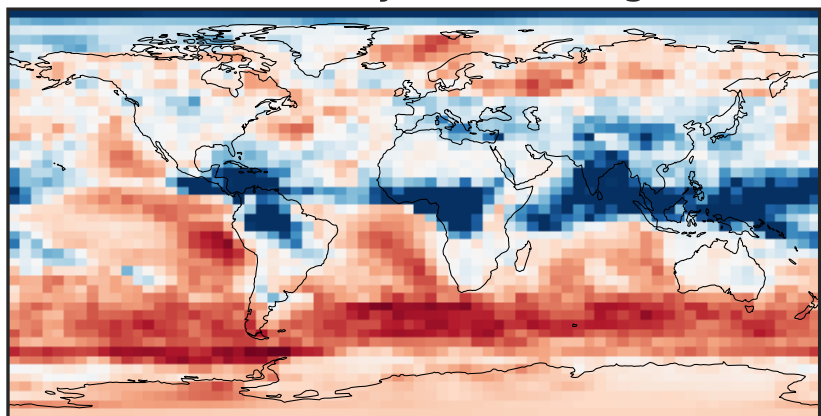
-8 0 8 $1e-8$
s-1

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



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

Ratio
Dev/Ref, Dynamic Range



0.97544 0.98772 1.00000 1.01259 1.02518
unitless

Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

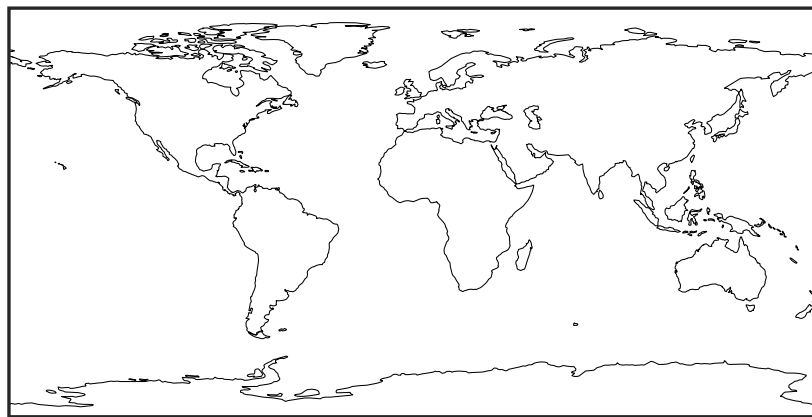
Jval_SO4 (Oct2019)

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



Zero throughout domain
s-1

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



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