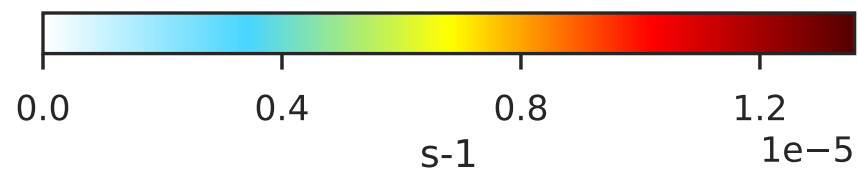
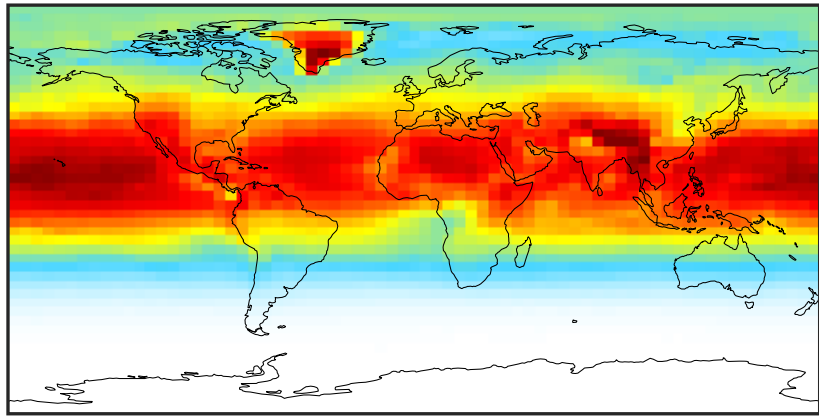
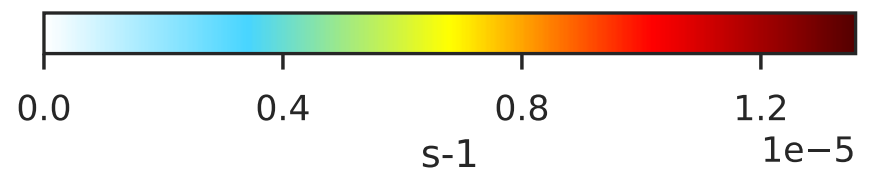
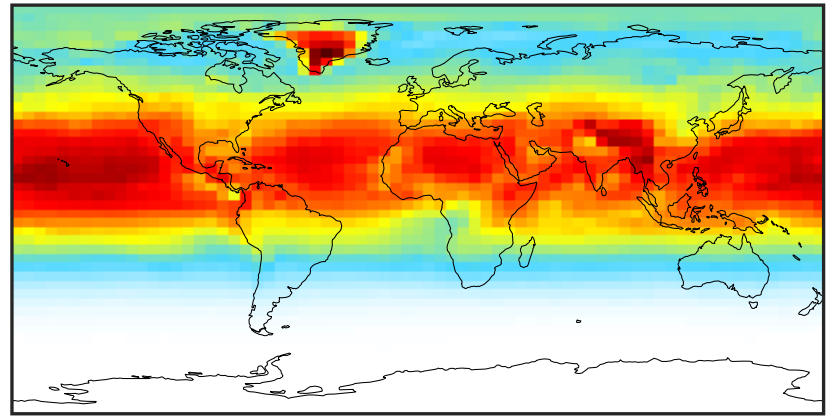


JvalO3O1D (Jul2019)

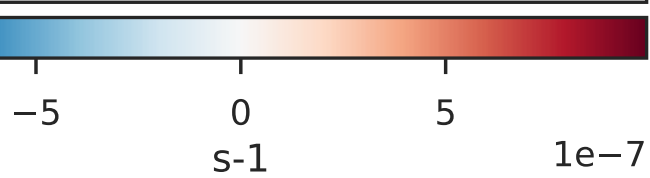
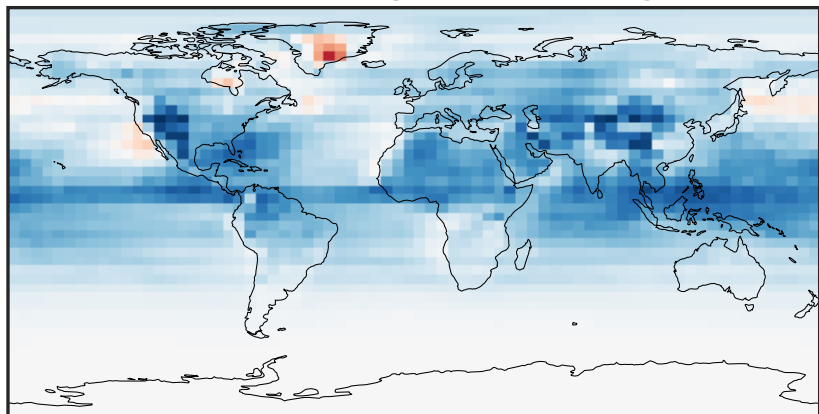
14.2.0-rc.2 (Ref)
4.0x5.0



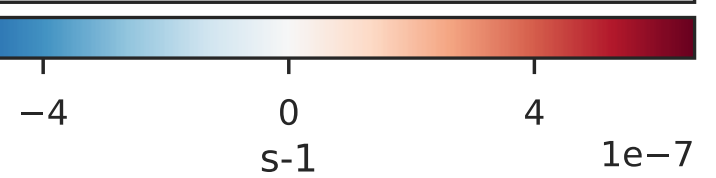
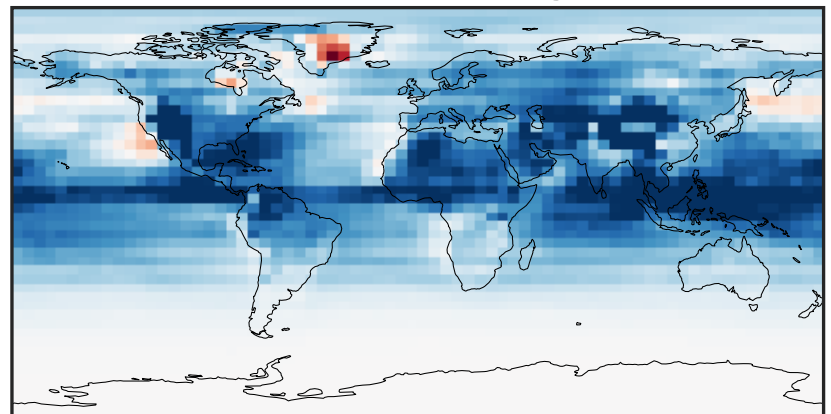
14.3.0-rc.0 (Dev)
4.0x5.0



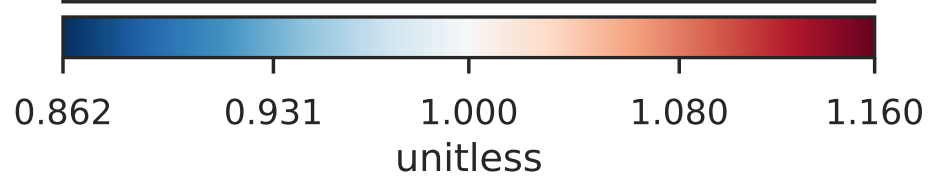
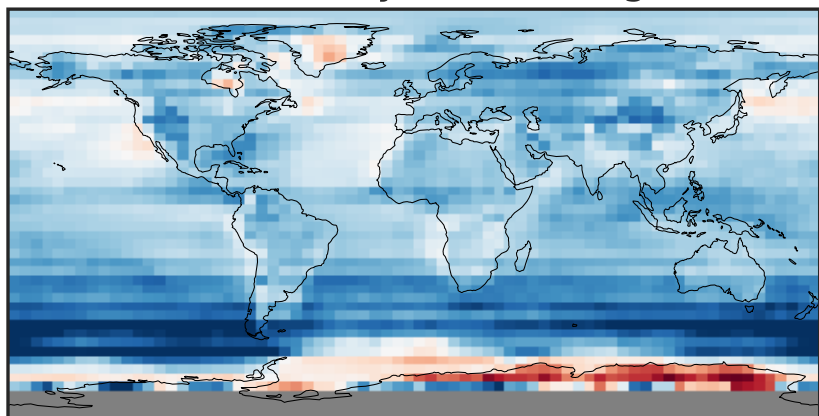
Difference
Dev - Ref, Dynamic Range



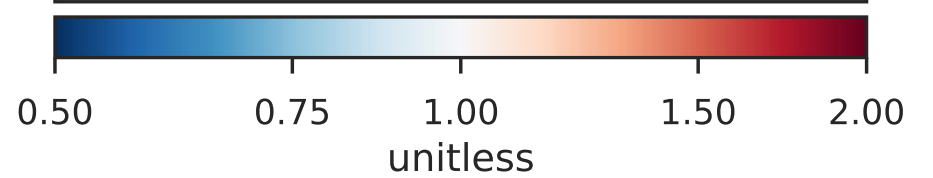
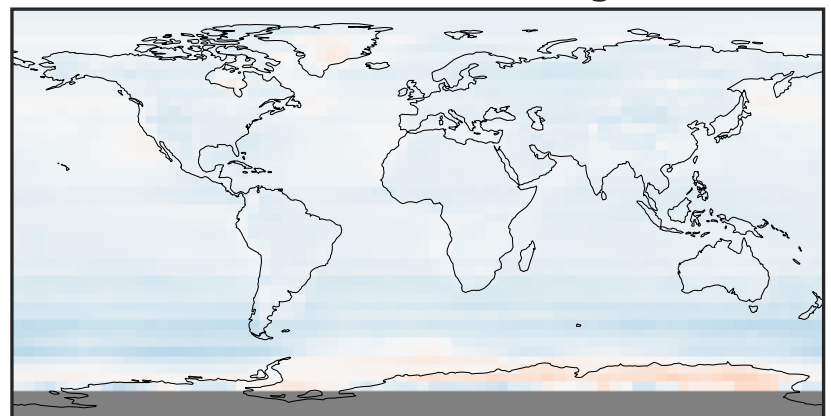
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

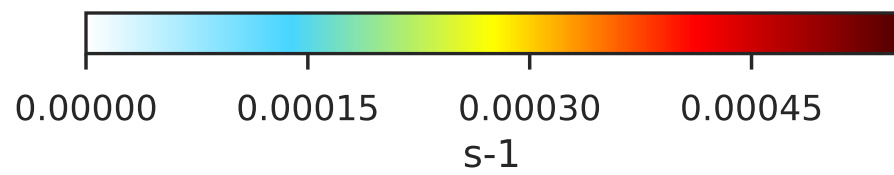
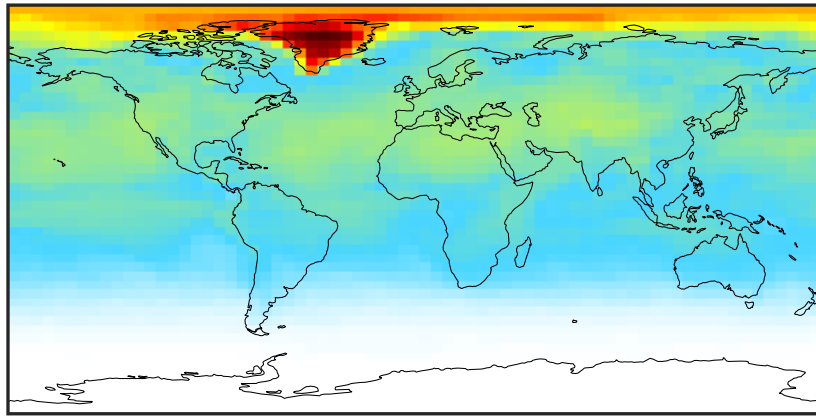


Ratio
Dev/Ref, Fixed Range

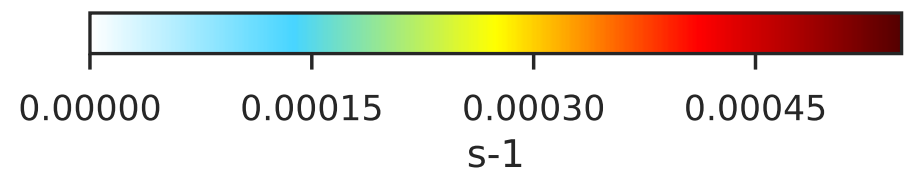
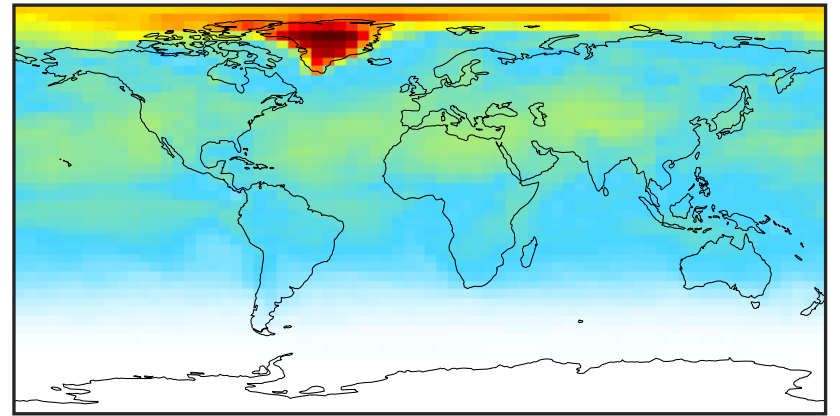


Jval0303P (Jul2019)

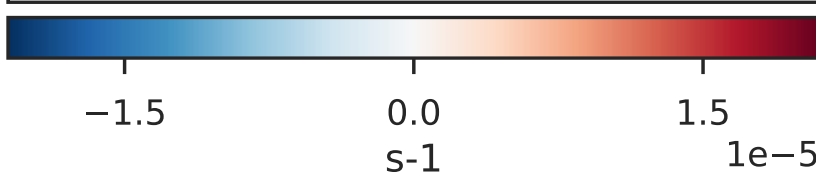
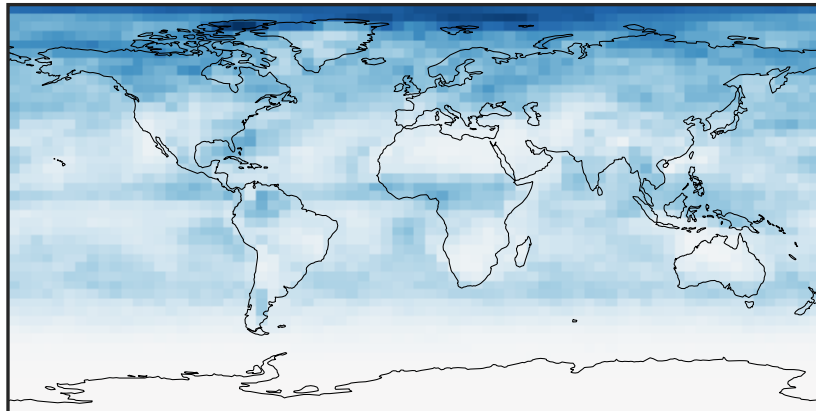
14.2.0-rc.2 (Ref)
4.0x5.0



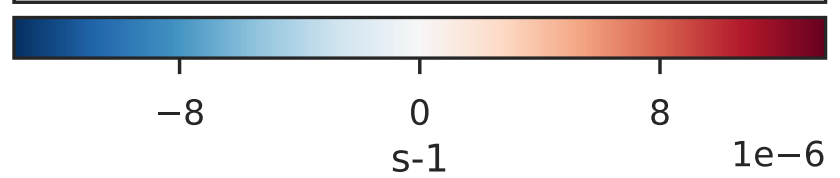
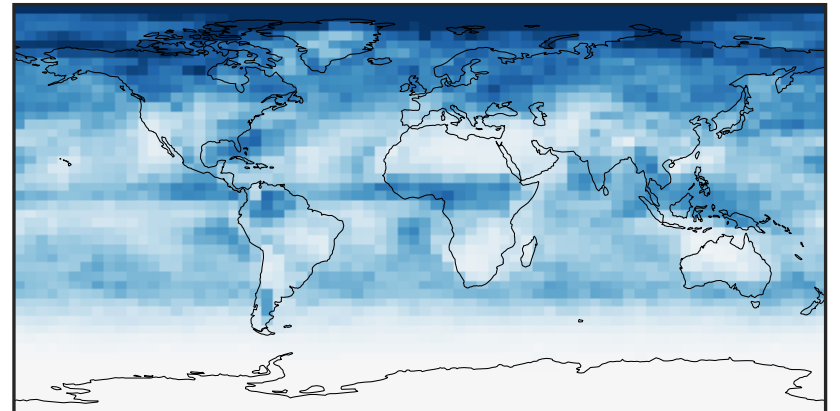
14.3.0-rc.0 (Dev)
4.0x5.0



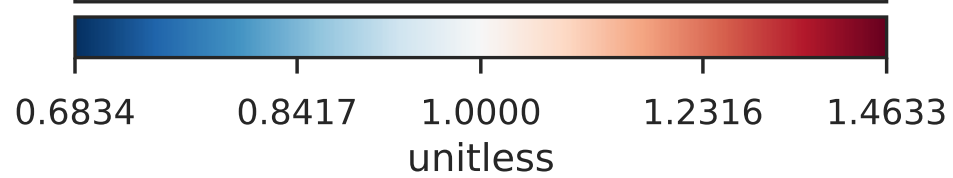
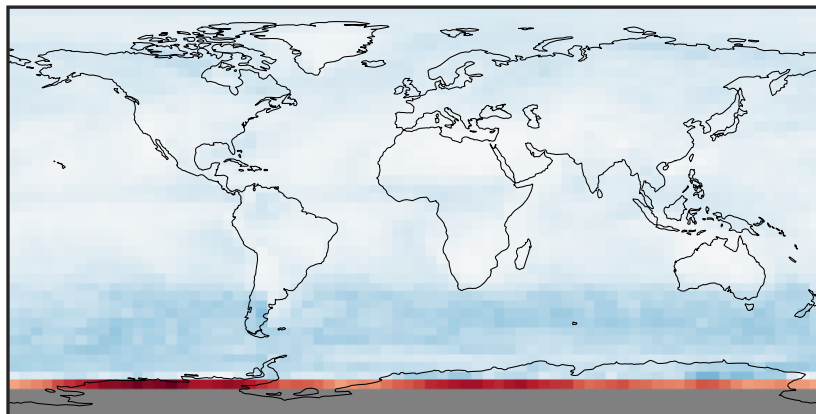
Difference
Dev - Ref, Dynamic Range



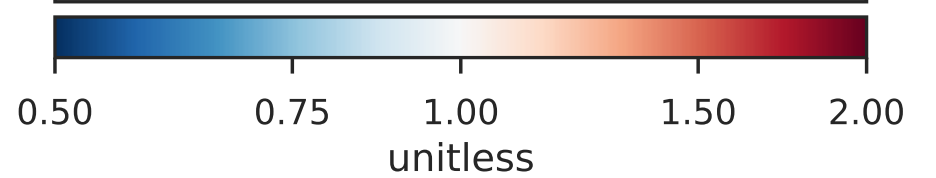
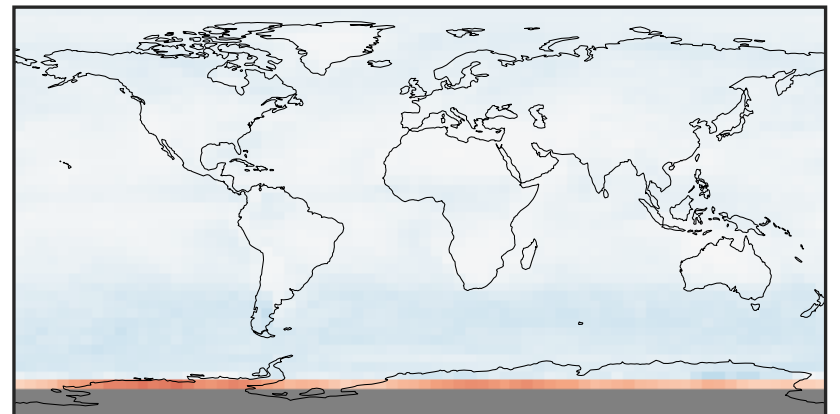
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

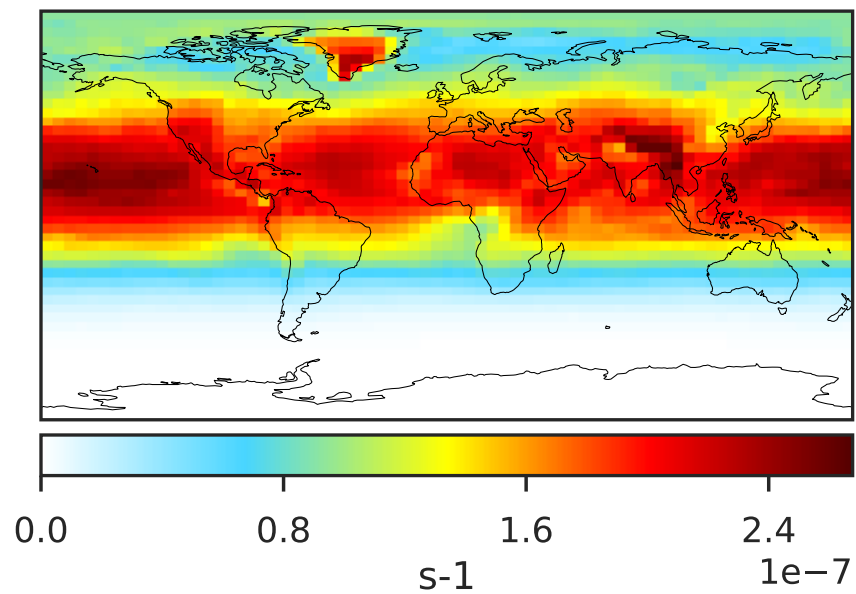


Ratio
Dev/Ref, Fixed Range

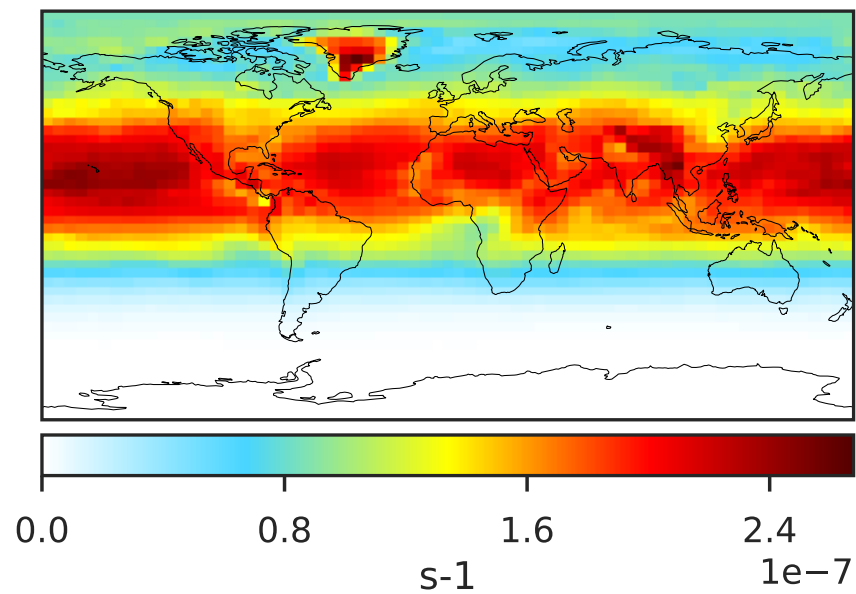


Jval_ACET (Jul2019)

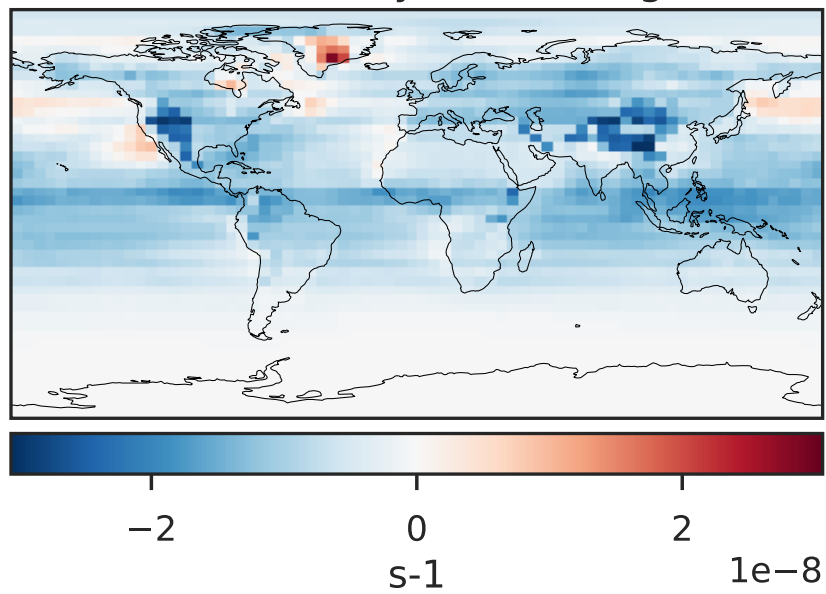
14.2.0-rc.2 (Ref)
4.0x5.0



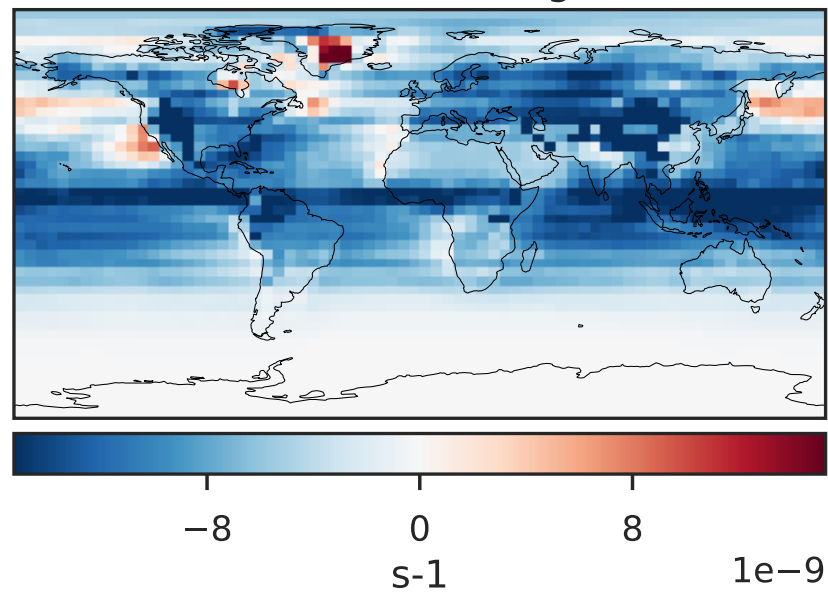
14.3.0-rc.0 (Dev)
4.0x5.0



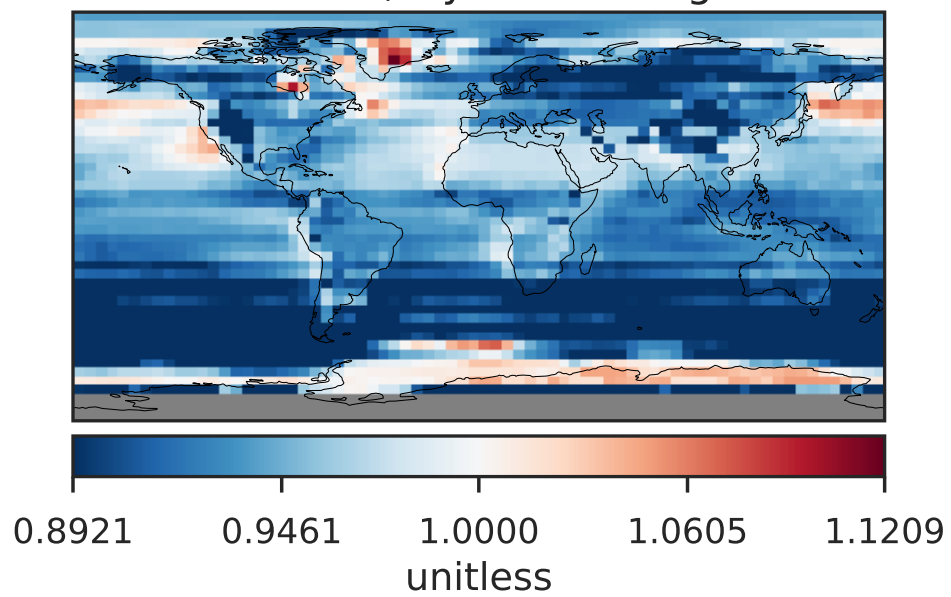
Difference
Dev - Ref, Dynamic Range



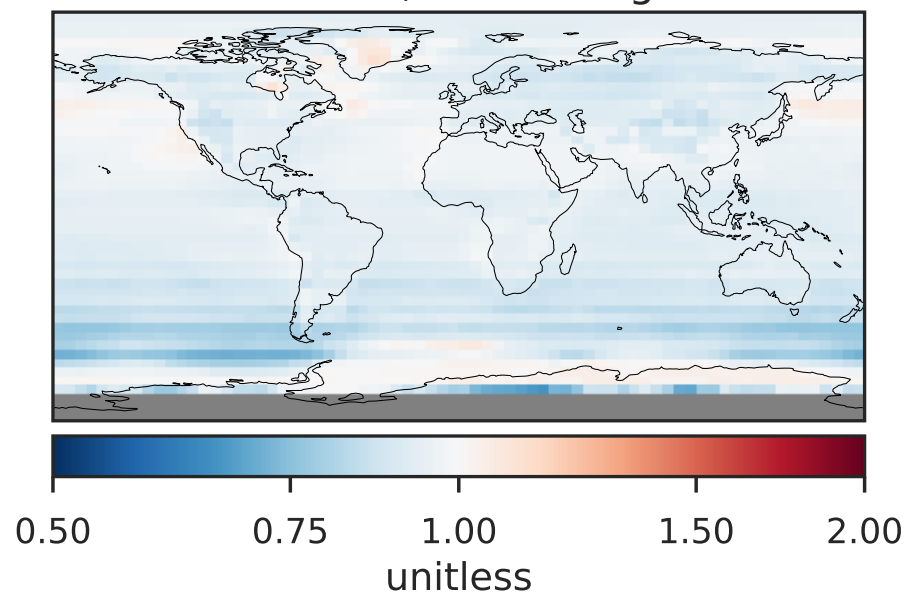
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

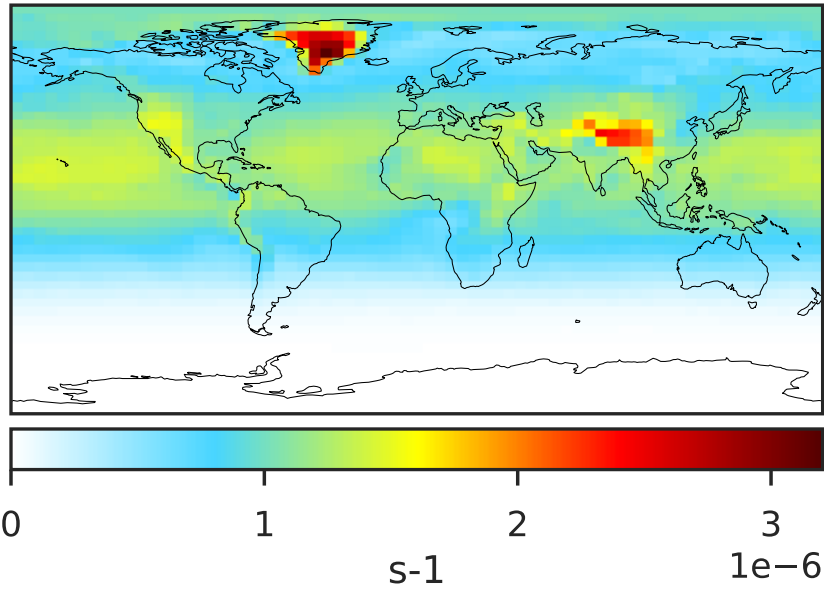


Ratio
Dev/Ref, Fixed Range

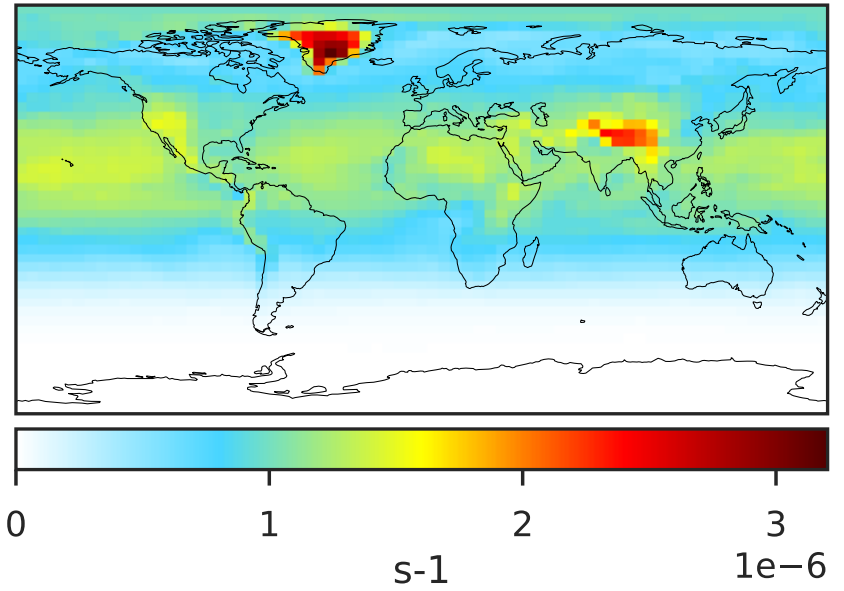


Jval_ALD2 (Jul2019)

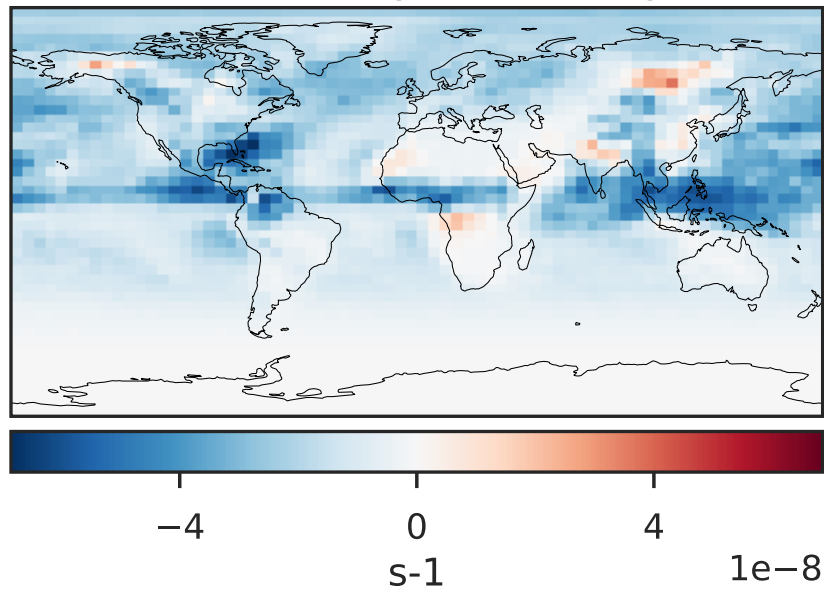
14.2.0-rc.2 (Ref)
4.0x5.0



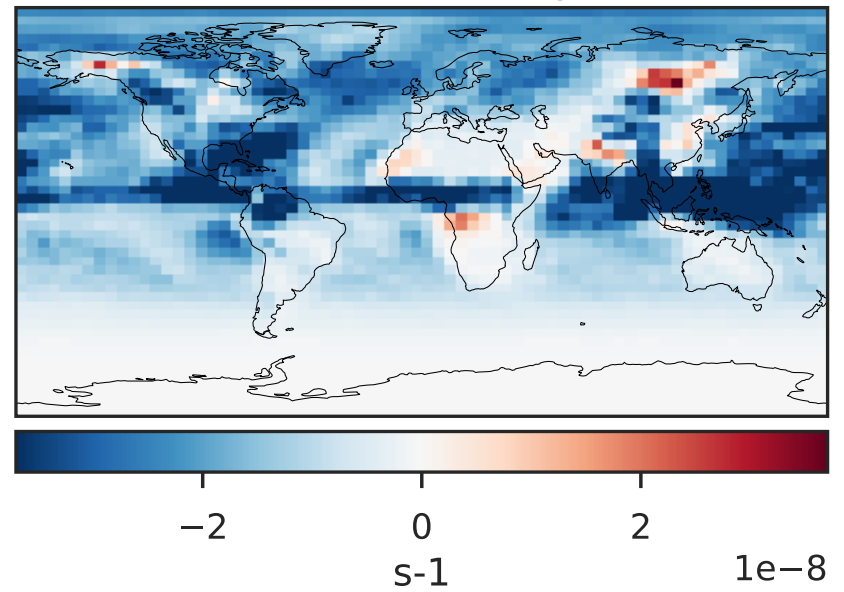
14.3.0-rc.0 (Dev)
4.0x5.0



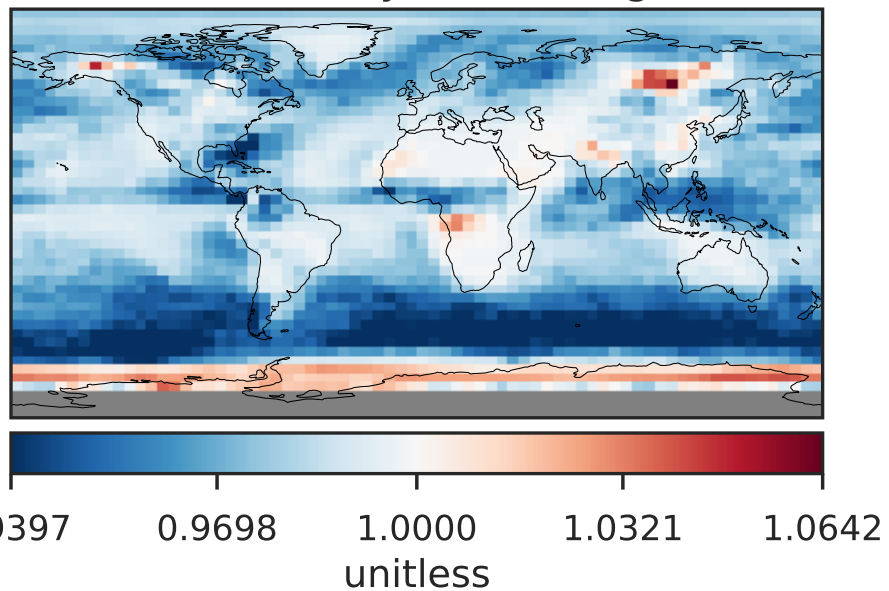
Difference
Dev - Ref, Dynamic Range



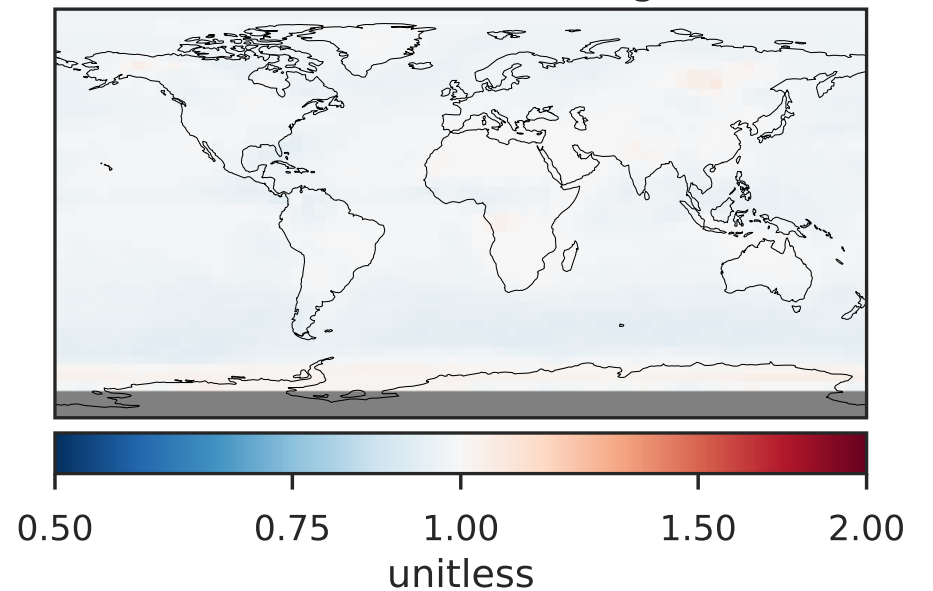
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

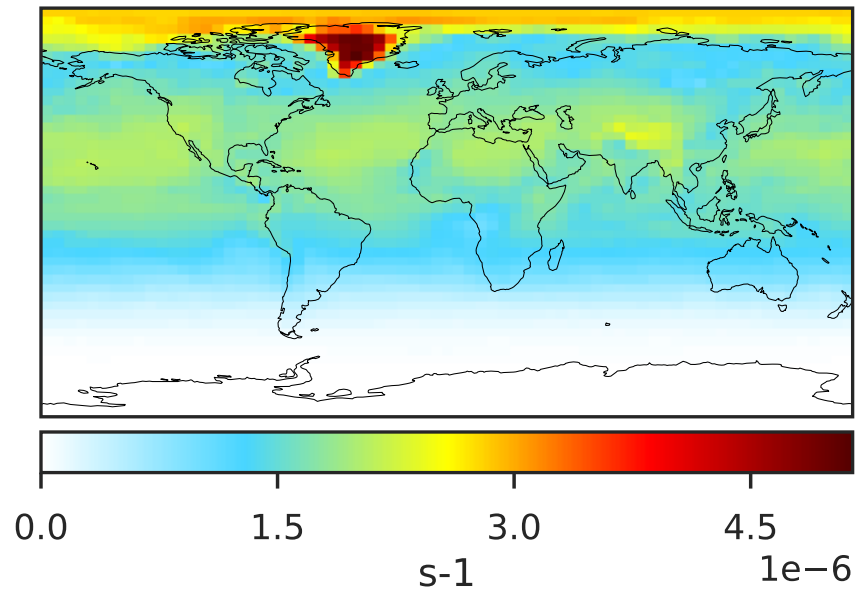


Ratio
Dev/Ref, Fixed Range

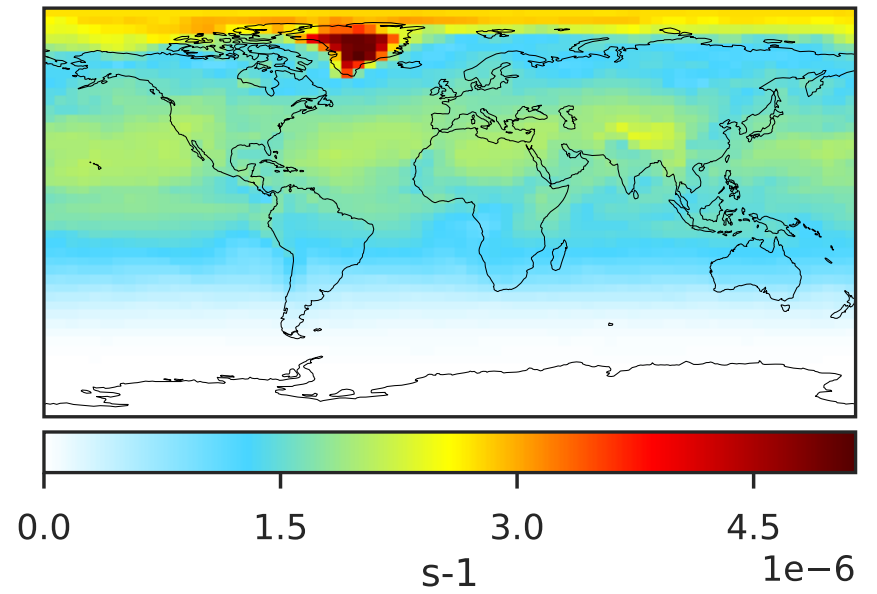


Jval_ATOOH (Jul2019)

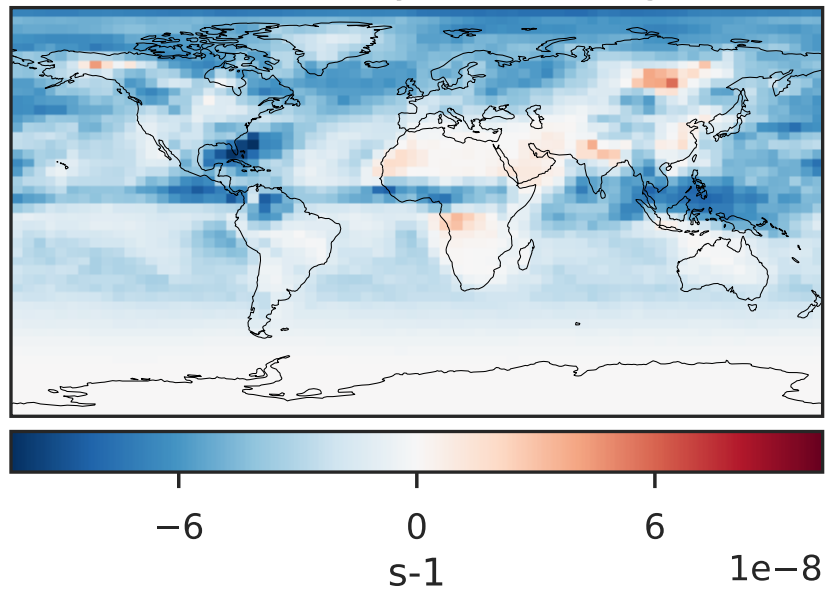
14.2.0-rc.2 (Ref)
4.0x5.0



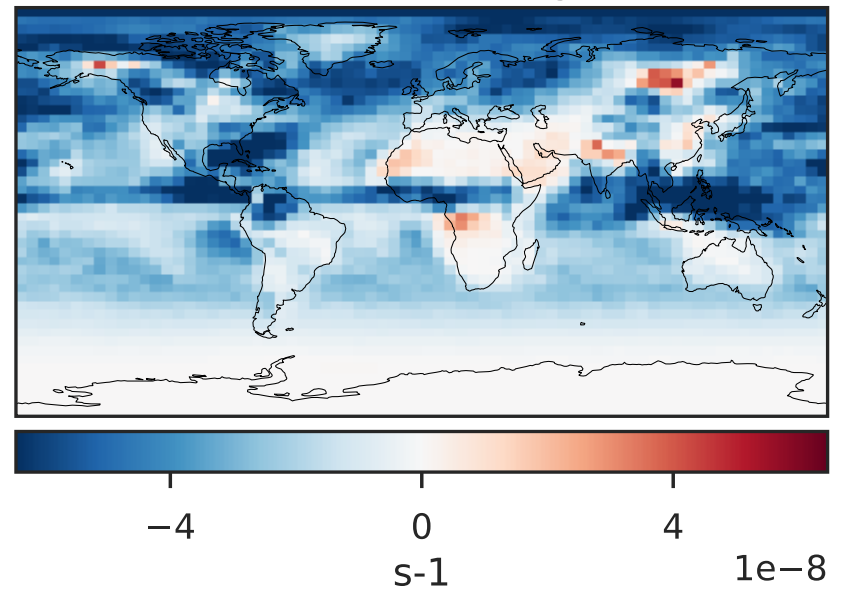
14.3.0-rc.0 (Dev)
4.0x5.0



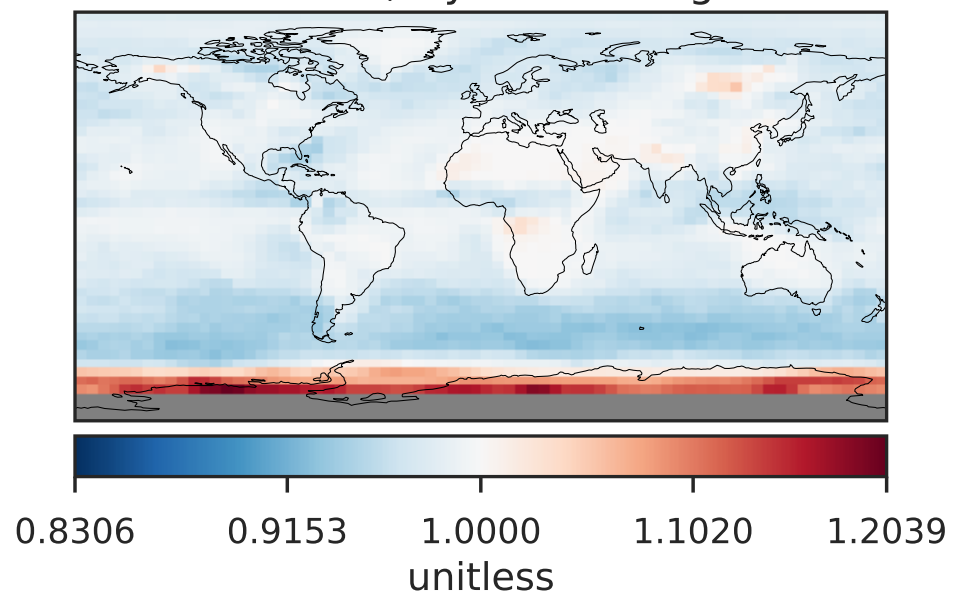
Difference
Dev - Ref, Dynamic Range



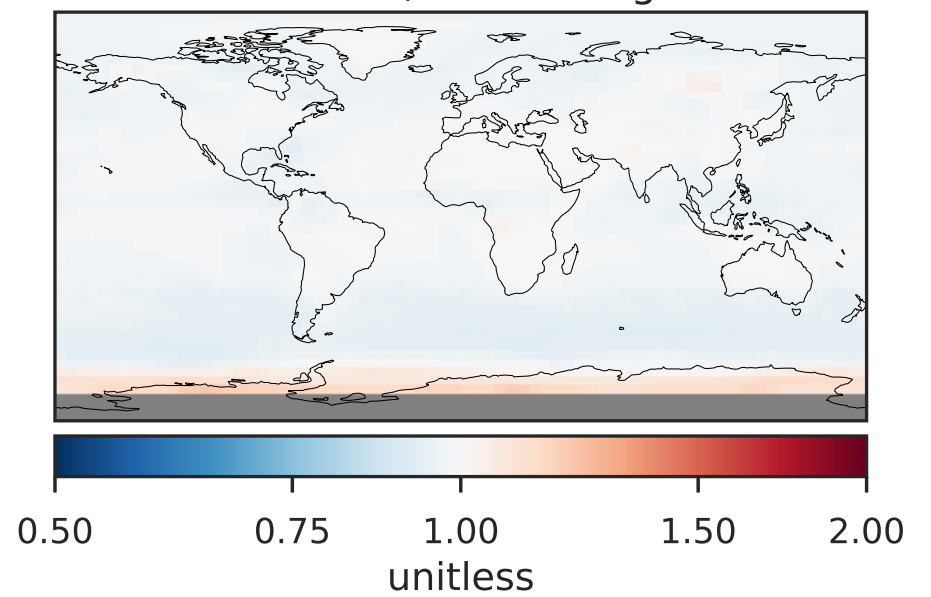
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

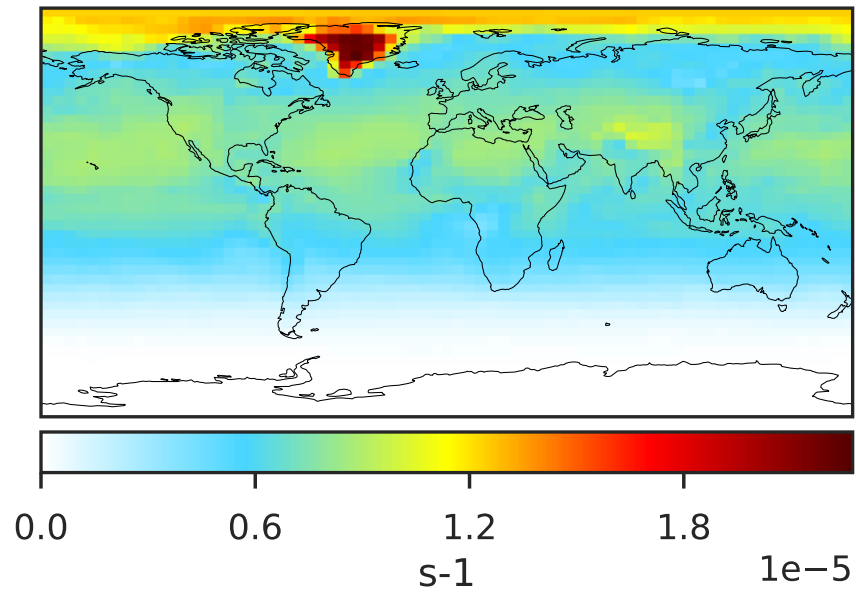


Ratio
Dev/Ref, Fixed Range

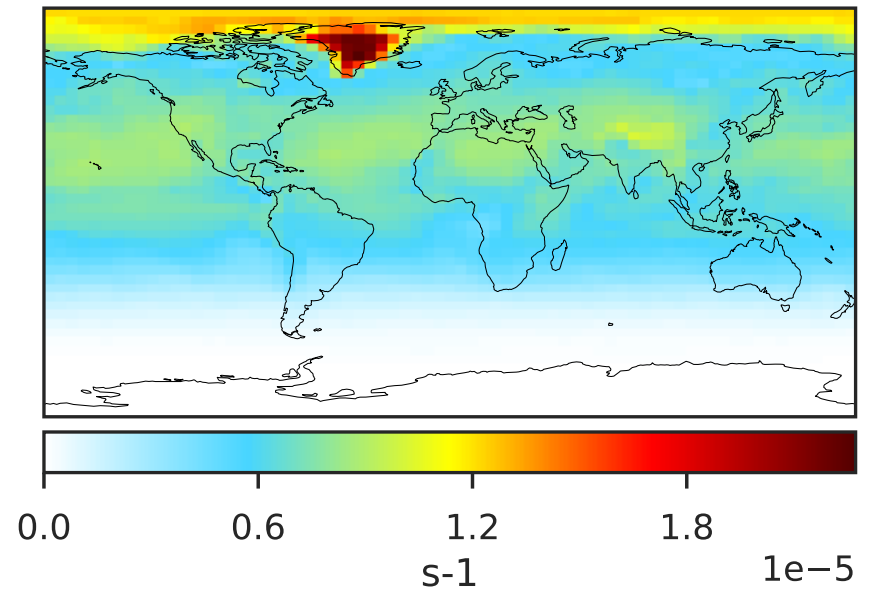


Jval_BALD (Jul2019)

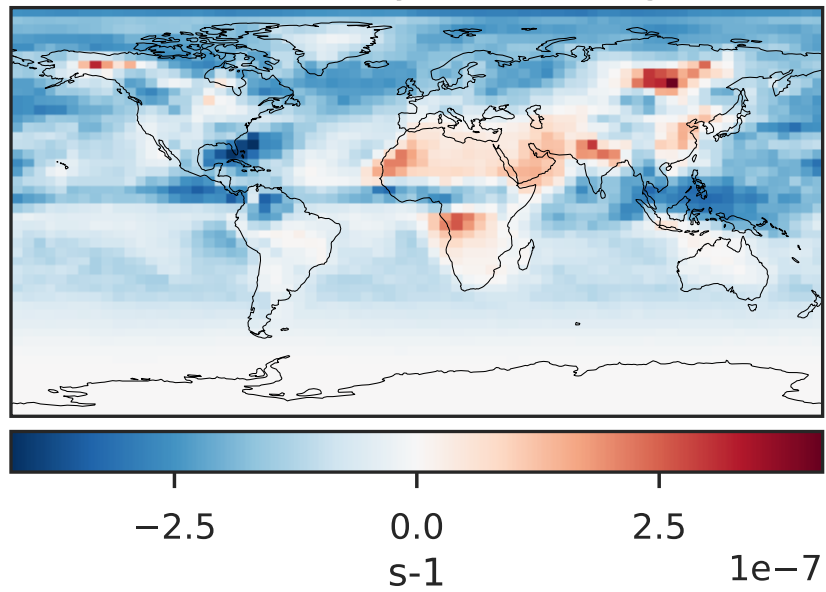
14.2.0-rc.2 (Ref)
4.0x5.0



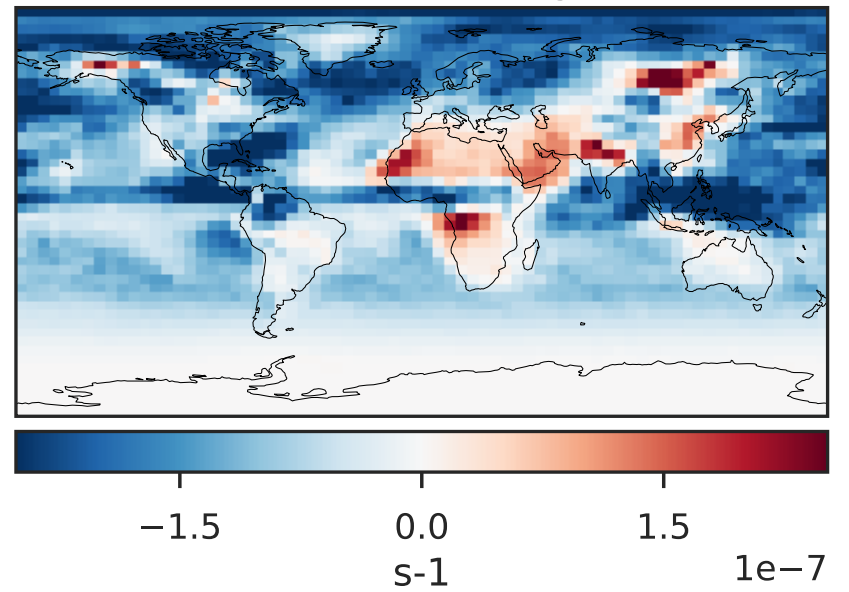
14.3.0-rc.0 (Dev)
4.0x5.0



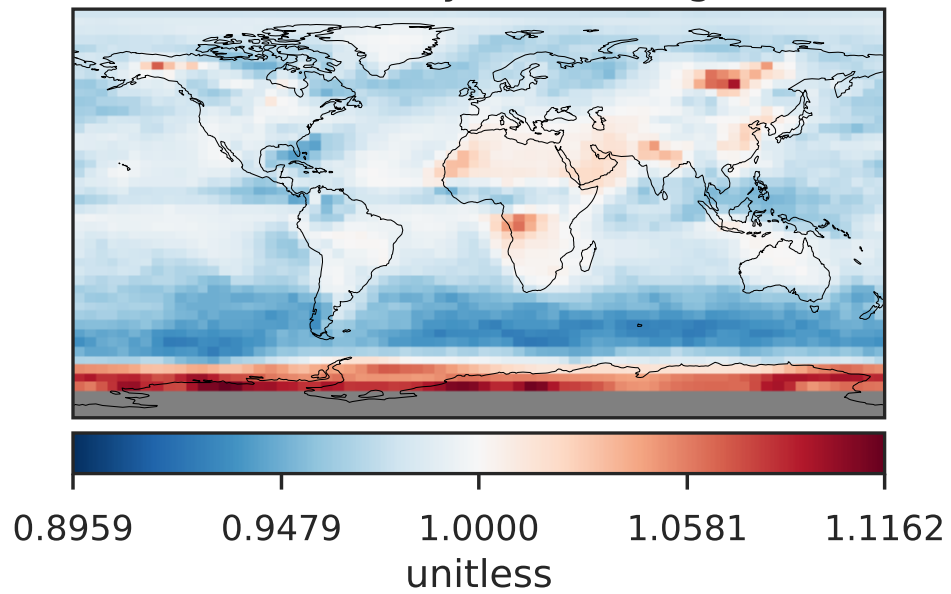
Difference
Dev - Ref, Dynamic Range



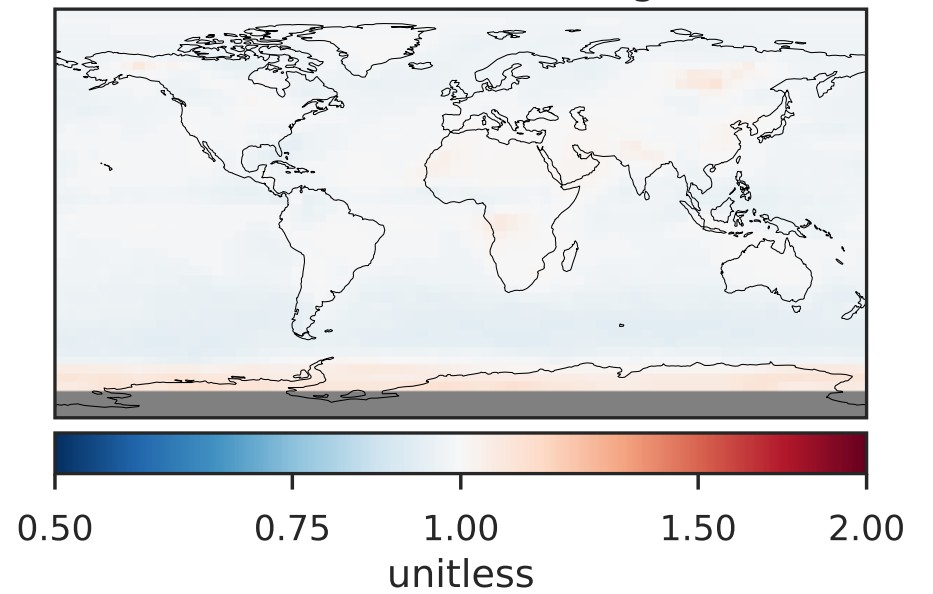
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

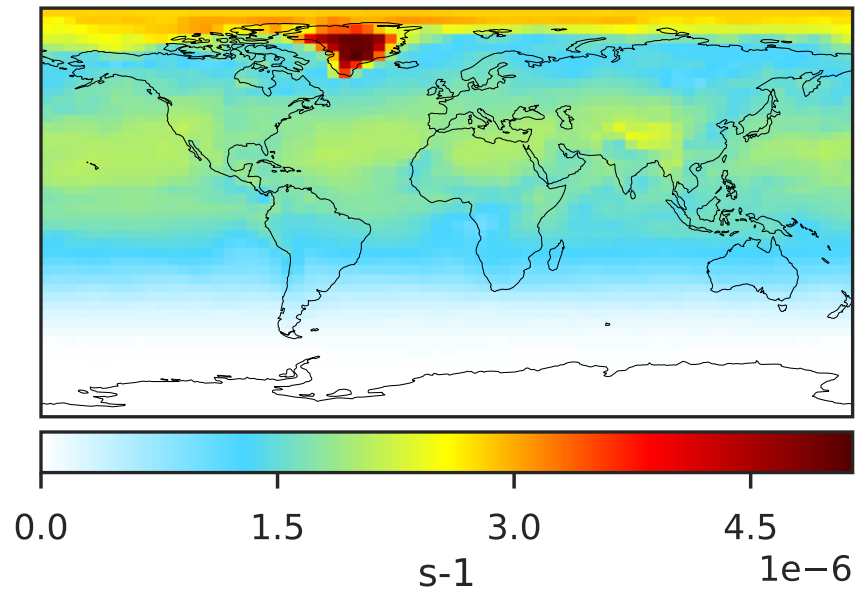


Ratio
Dev/Ref, Fixed Range

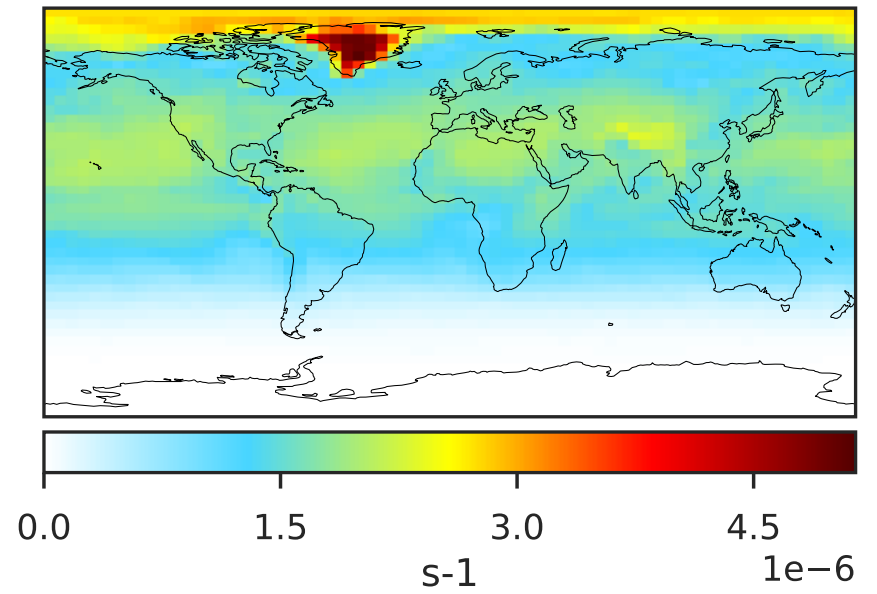


Jval_BENZP (Jul2019)

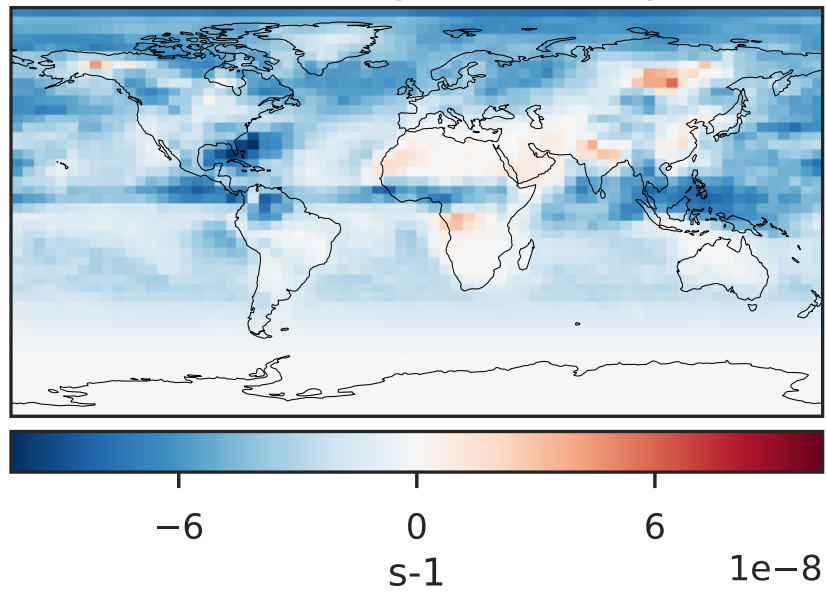
14.2.0-rc.2 (Ref)
4.0x5.0



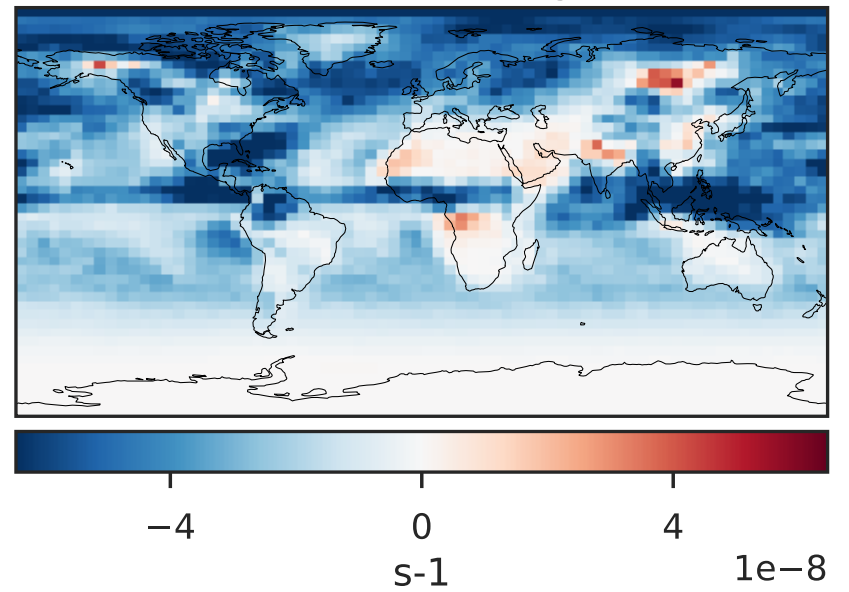
14.3.0-rc.0 (Dev)
4.0x5.0



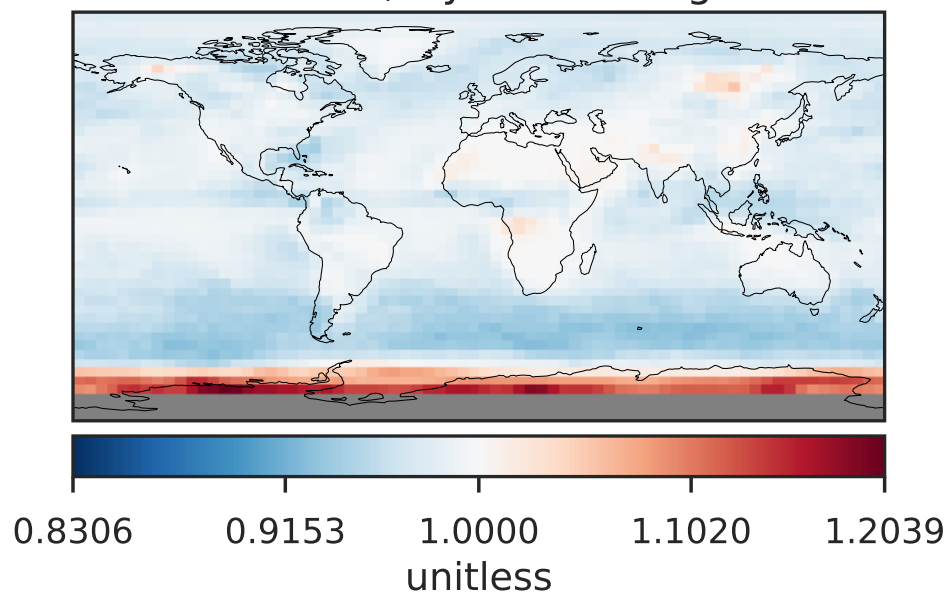
Difference
Dev - Ref, Dynamic Range



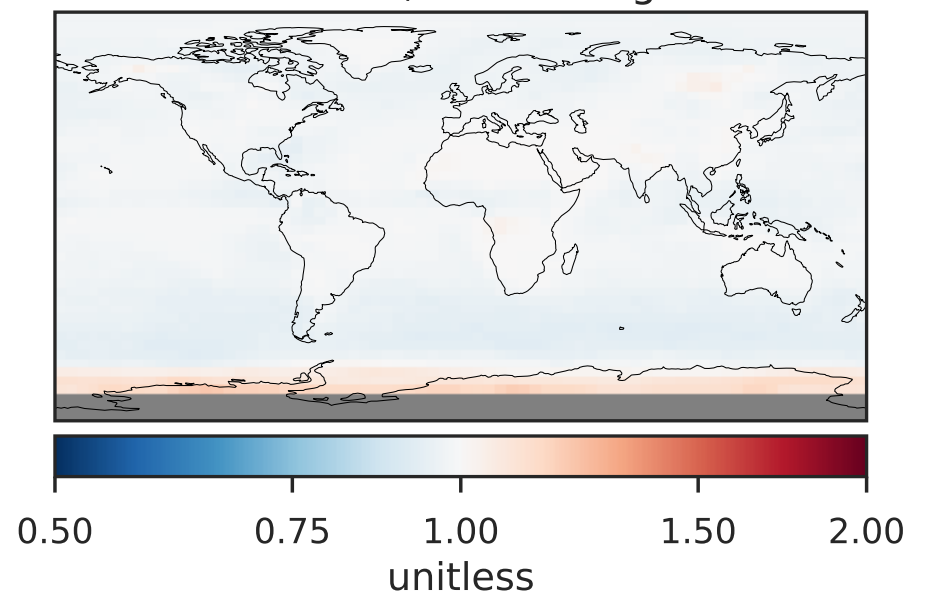
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

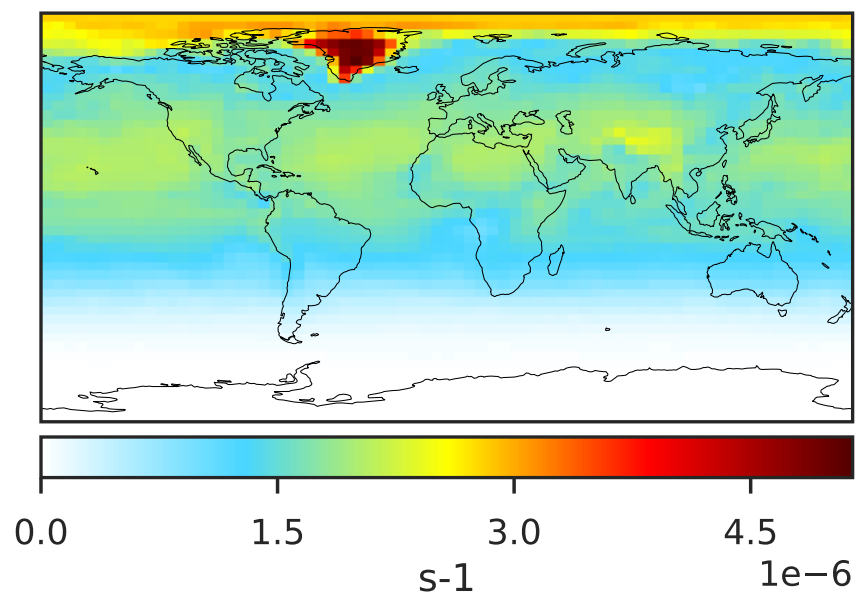


Ratio
Dev/Ref, Fixed Range

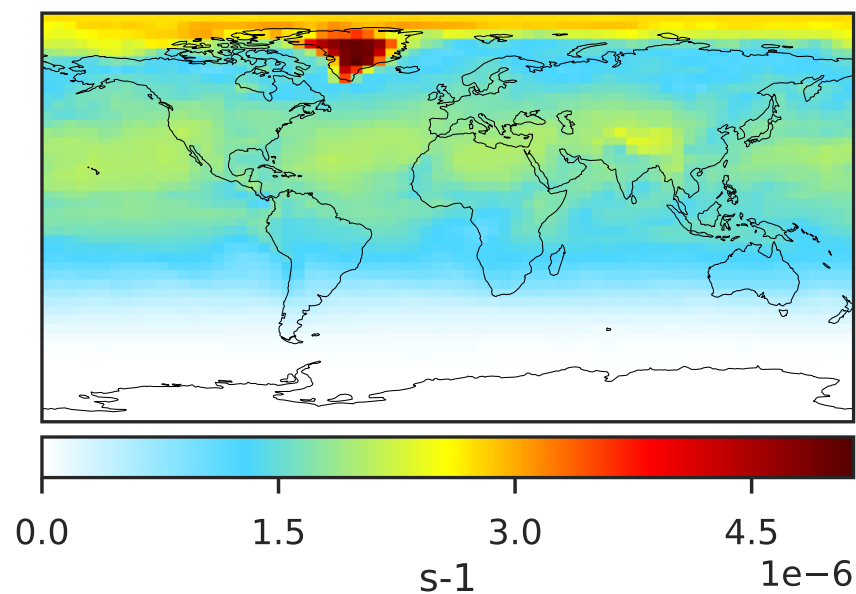


Jval_BZCO3H (Jul2019)

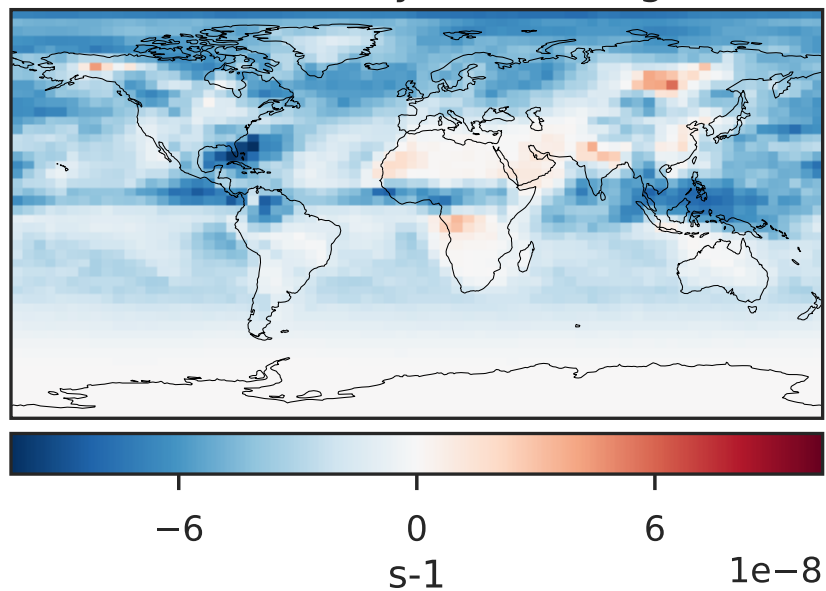
14.2.0-rc.2 (Ref)
4.0x5.0



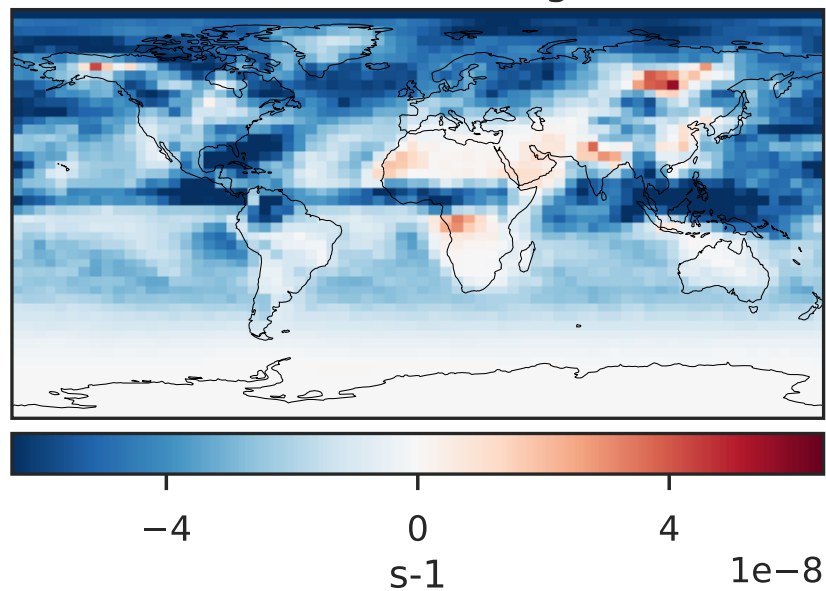
14.3.0-rc.0 (Dev)
4.0x5.0



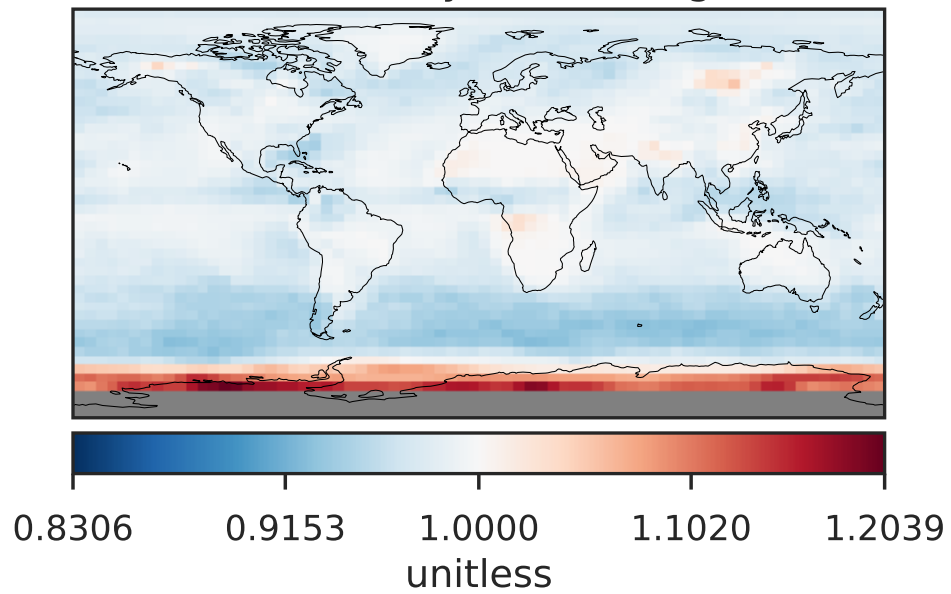
Difference
Dev - Ref, Dynamic Range



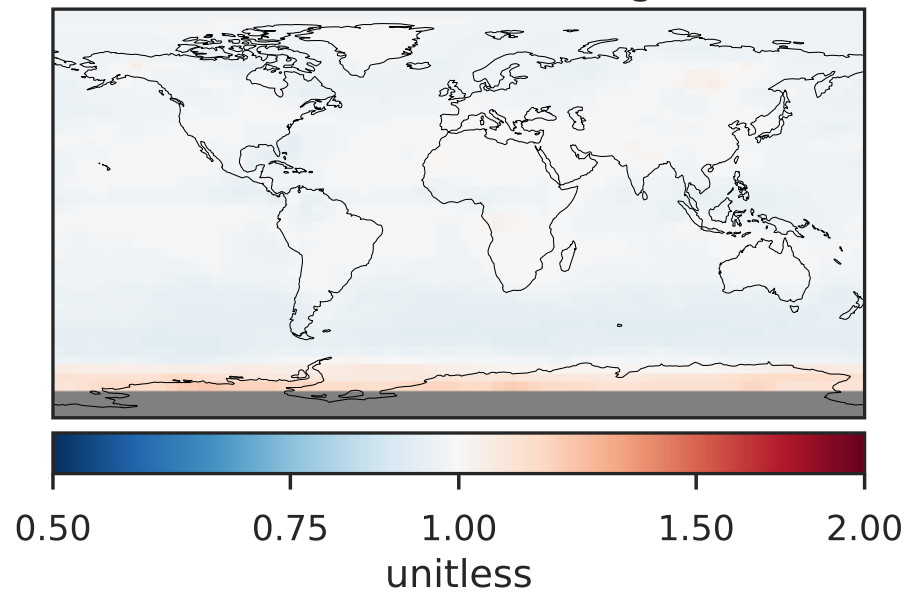
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

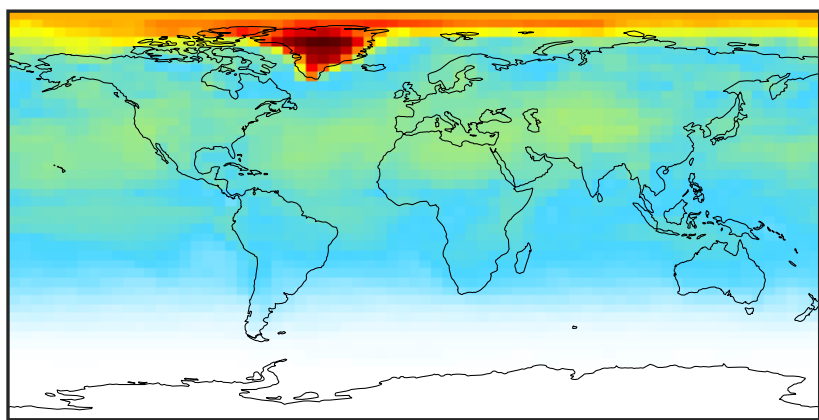


Ratio
Dev/Ref, Fixed Range



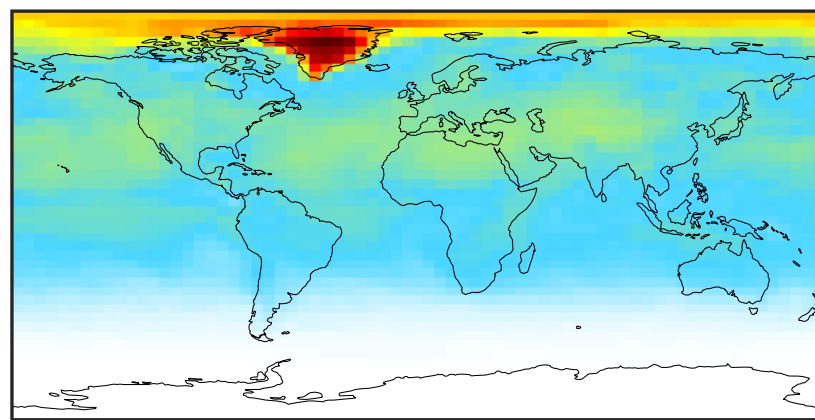
Jval_Br2 (Jul2019)

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



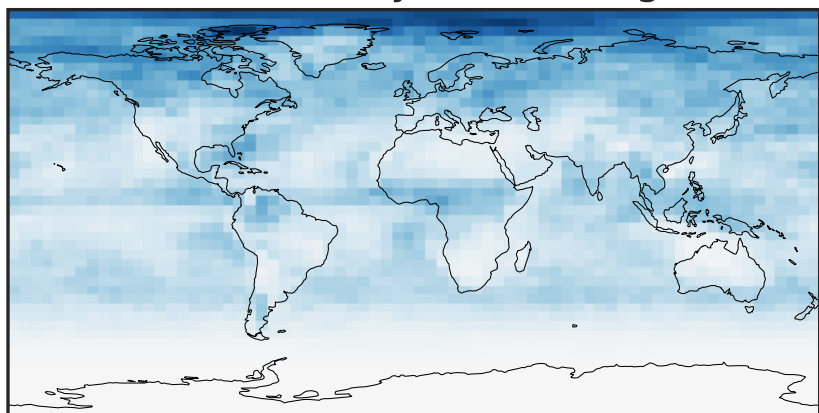
0.000 0.015 0.030
s-1

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



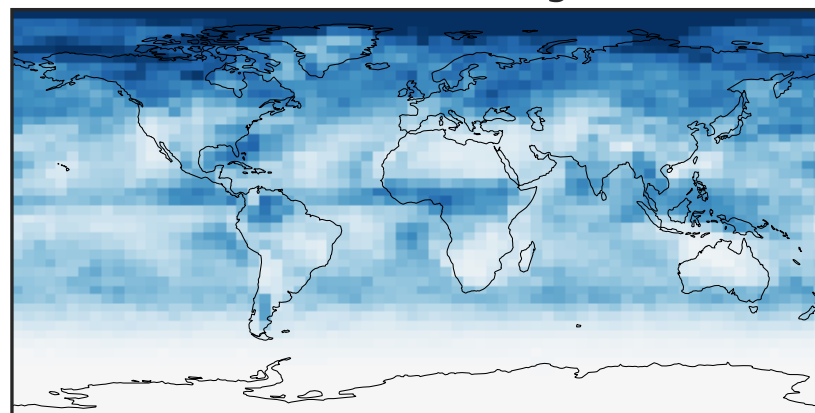
0.000 0.015 0.030
s-1

Difference
Dev - Ref, Dynamic Range



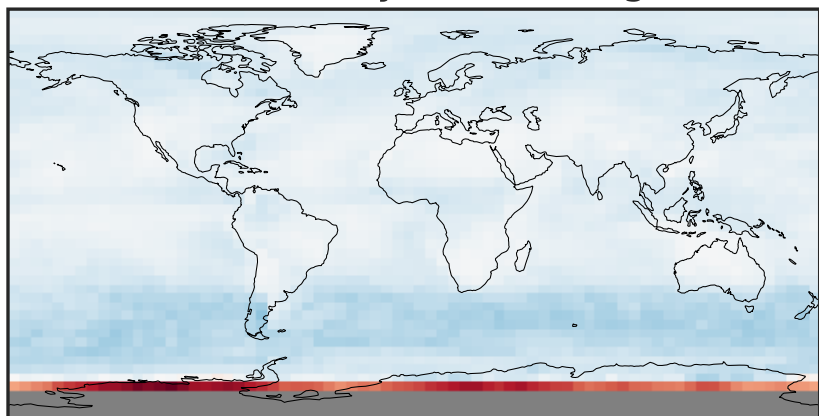
-0.0008 0.0000 0.0008
s-1

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



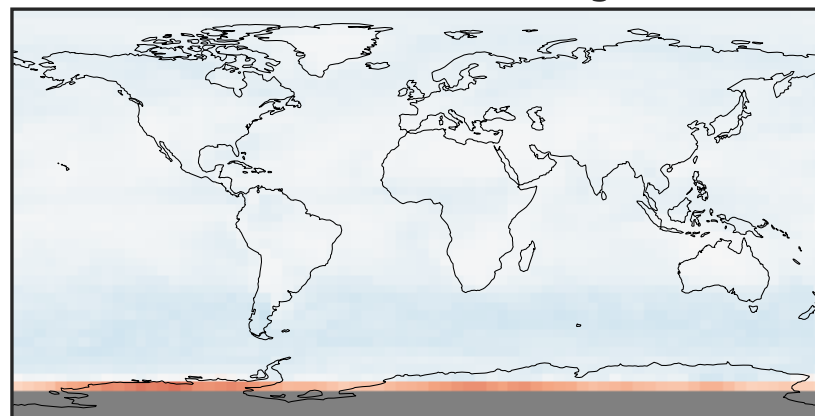
-0.0006 0.0000 0.0006
s-1

Ratio
Dev/Ref, Dynamic Range



0.6856 0.8428 1.0000 1.2293 1.4586
unitless

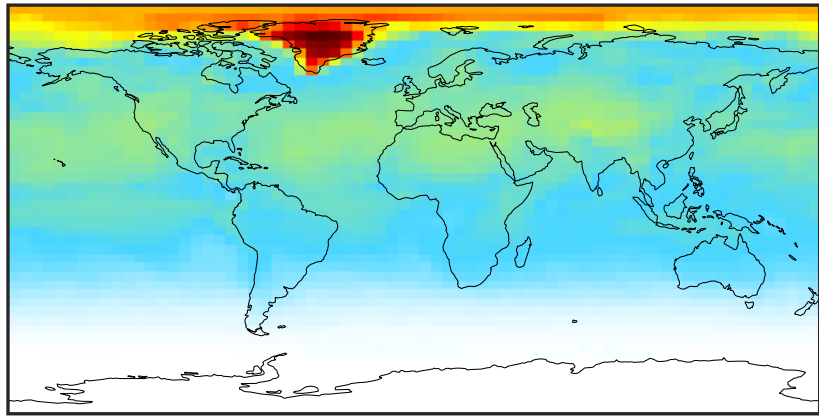
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

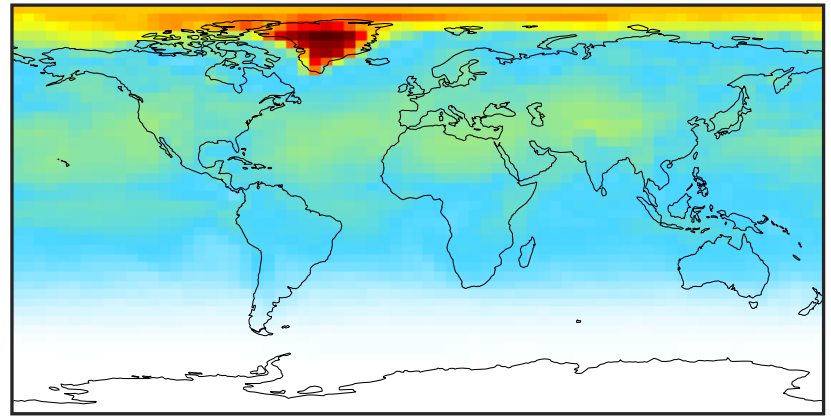
Jval_BrCI (Jul2019)

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



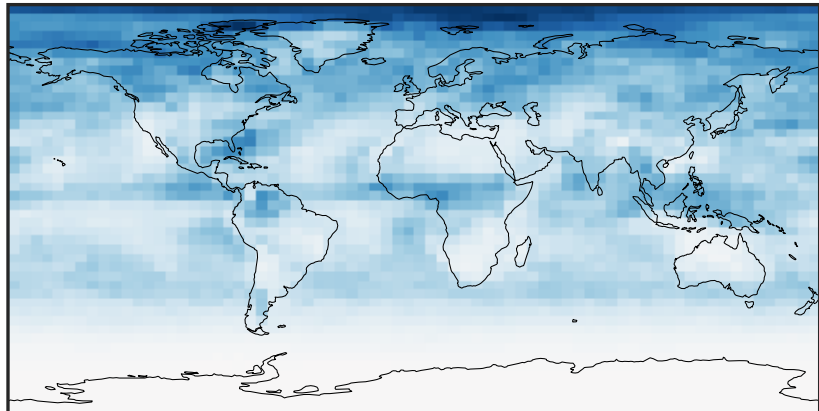
0.000 0.004 0.008 0.012
s-1

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



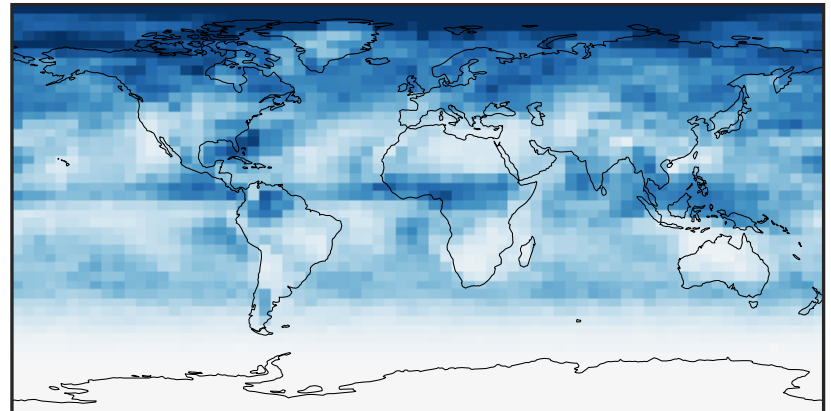
0.000 0.004 0.008 0.012
s-1

Difference
Dev - Ref, Dynamic Range



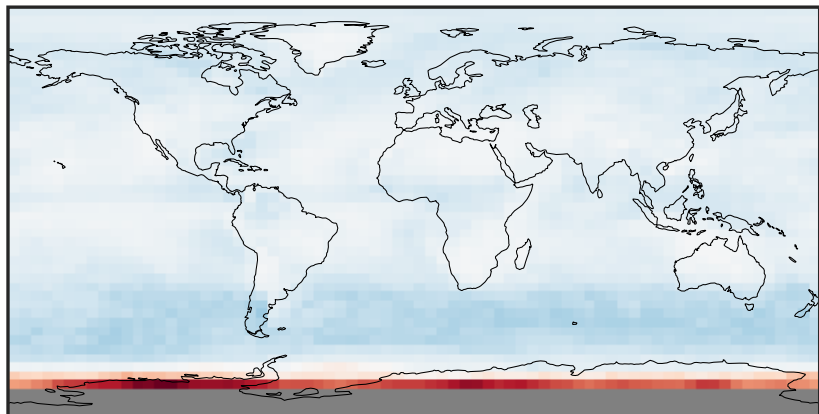
-0.0002 0.0000 0.0002
s-1

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



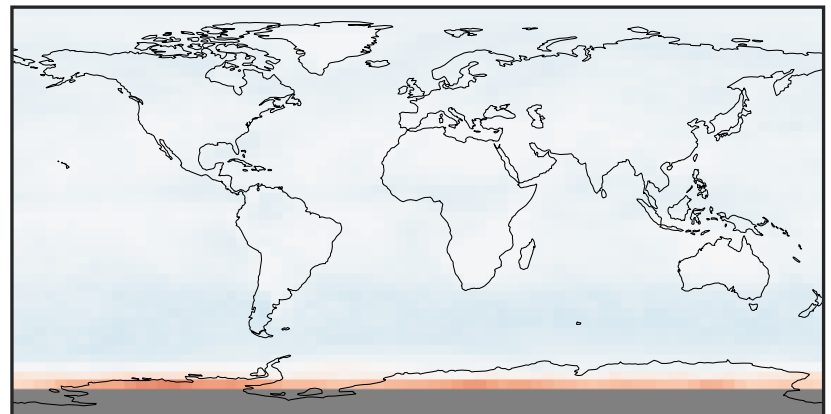
-0.00015 0.00000 0.00015
s-1

Ratio
Dev/Ref, Dynamic Range



0.7132 0.8566 1.0000 1.2010 1.4021
unitless

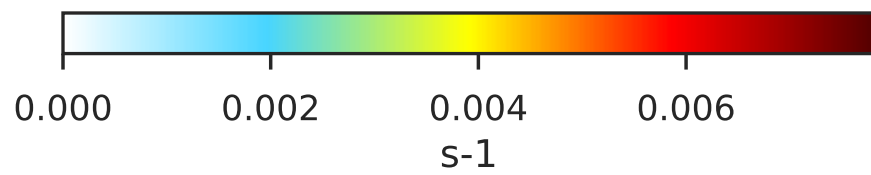
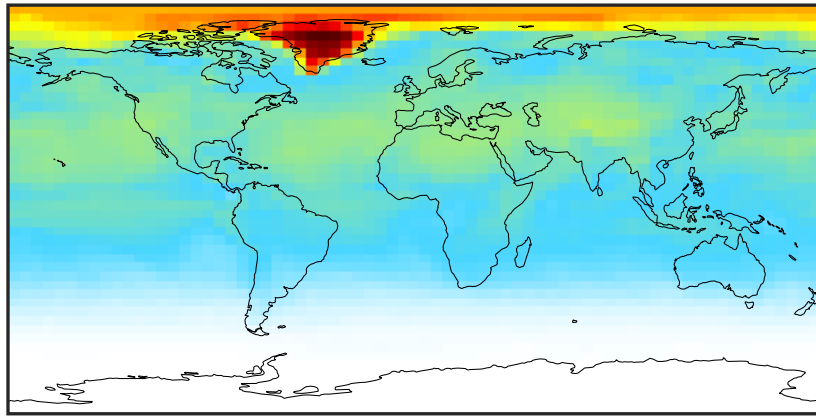
Ratio
Dev/Ref, Fixed Range



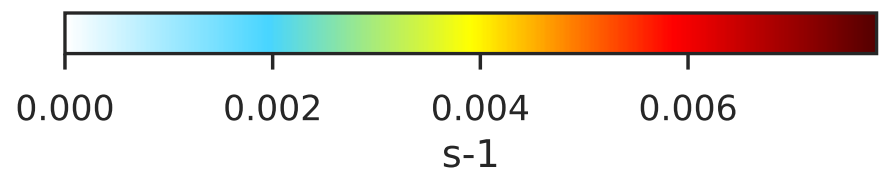
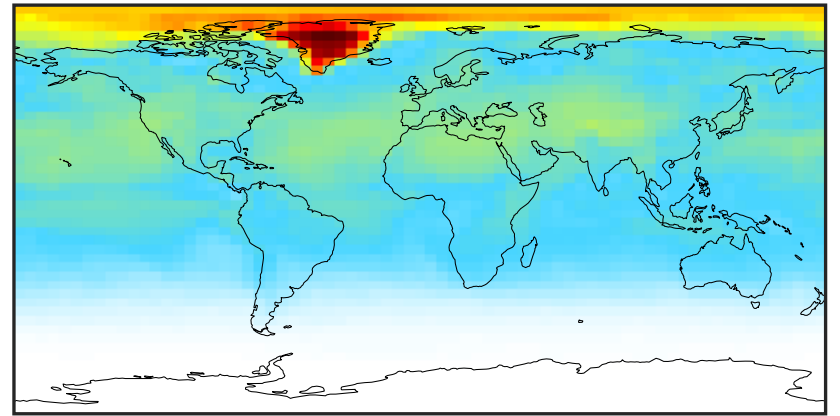
0.50 0.75 1.00 1.50 2.00
unitless

Jval_BrNO2 (Jul2019)

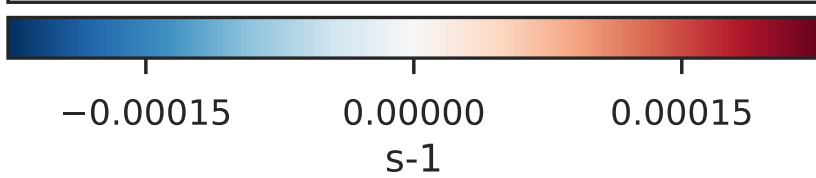
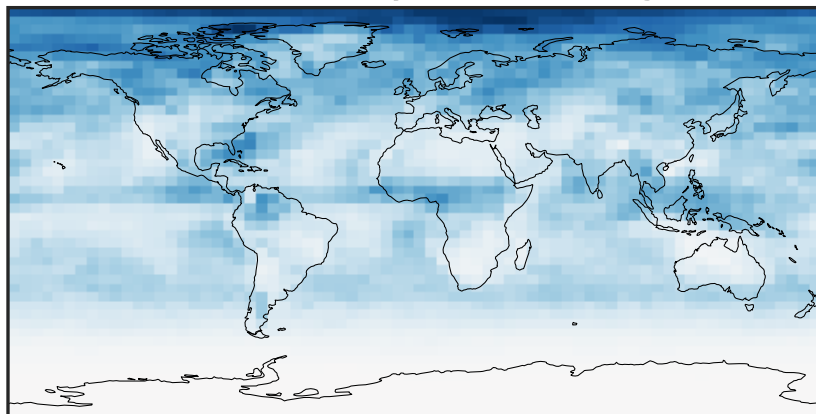
14.2.0-rc.2 (Ref)
4.0x5.0



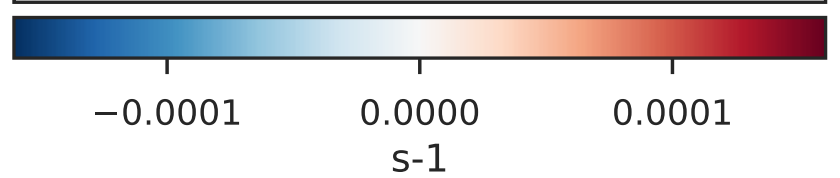
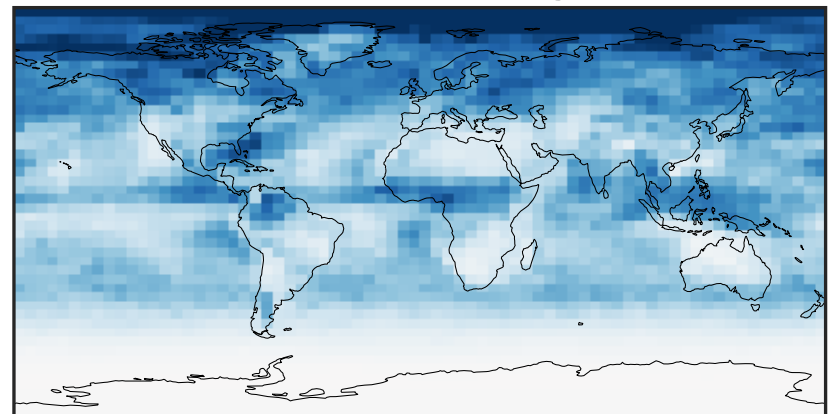
14.3.0-rc.0 (Dev)
4.0x5.0



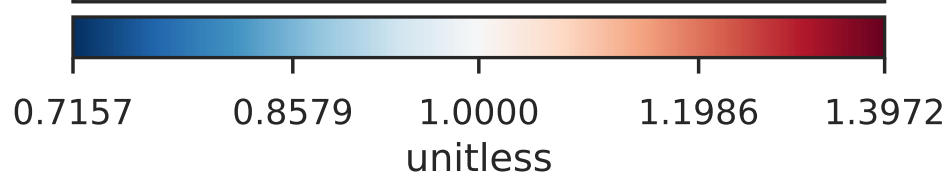
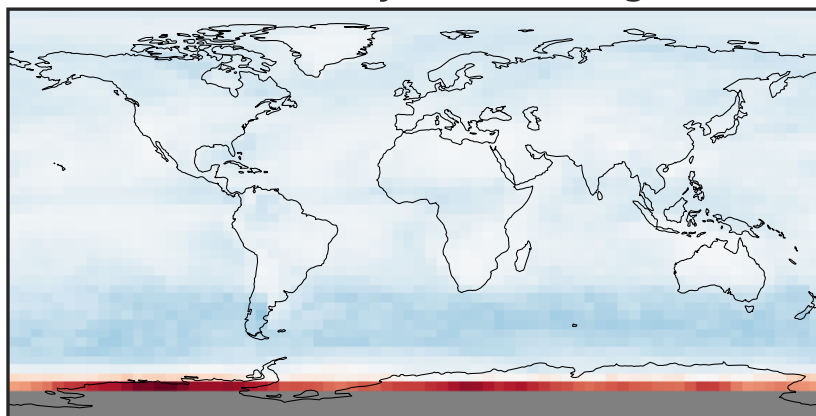
Difference
Dev - Ref, Dynamic Range



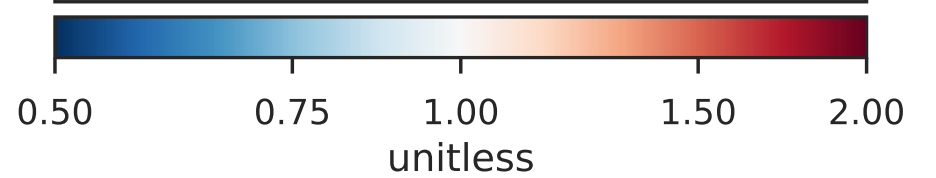
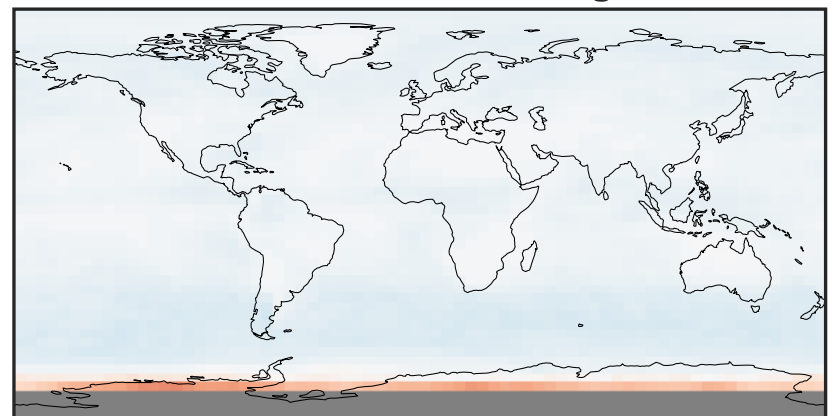
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

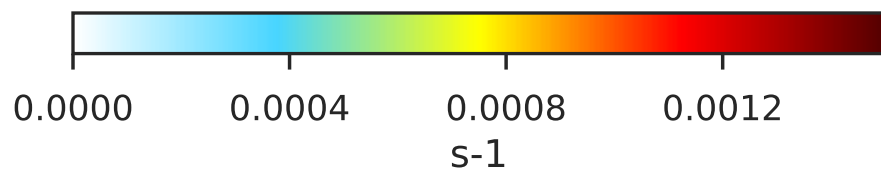
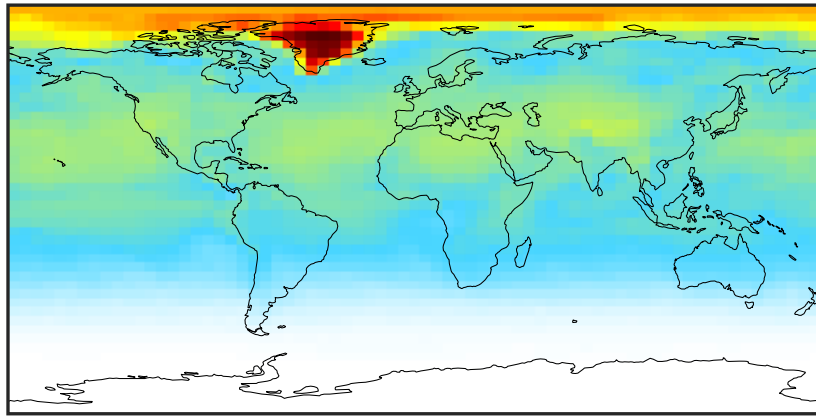


Ratio
Dev/Ref, Fixed Range

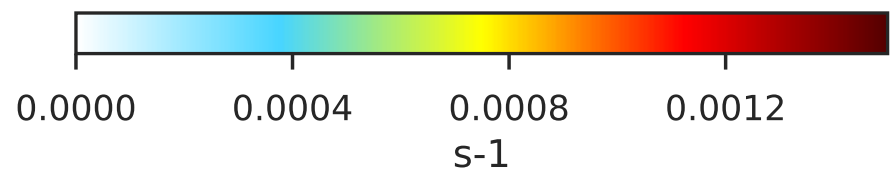
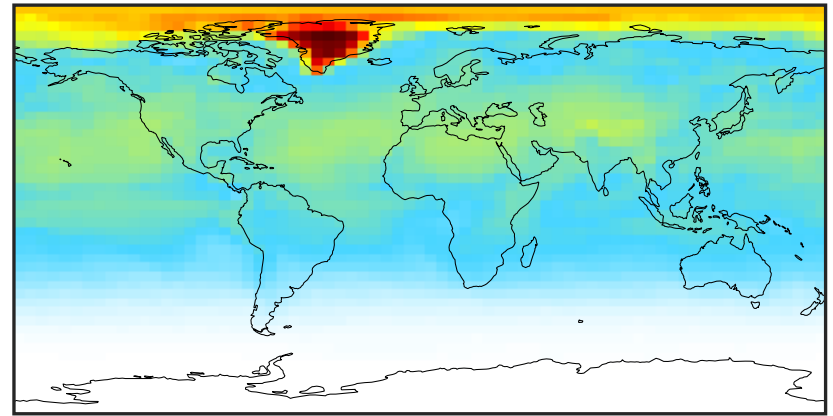


Jval_BrNO3 (Jul2019)

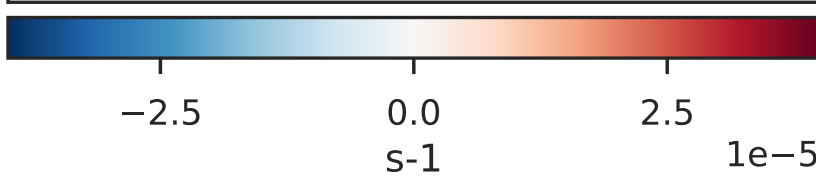
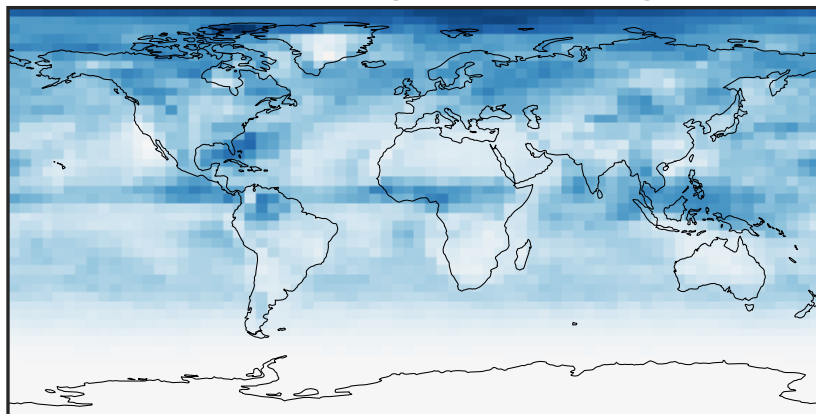
14.2.0-rc.2 (Ref)
4.0x5.0



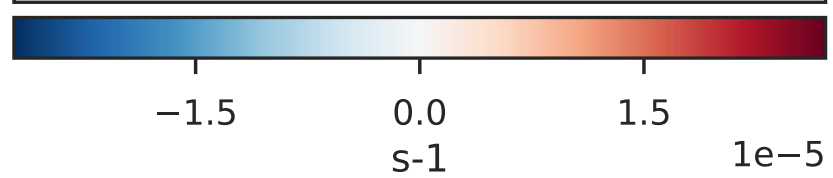
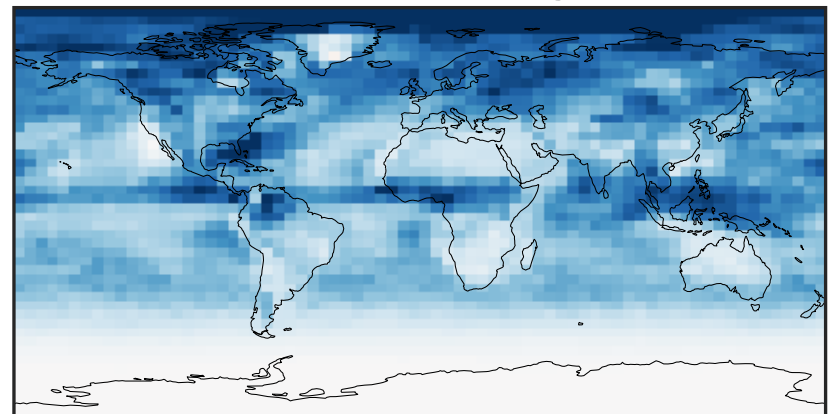
14.3.0-rc.0 (Dev)
4.0x5.0



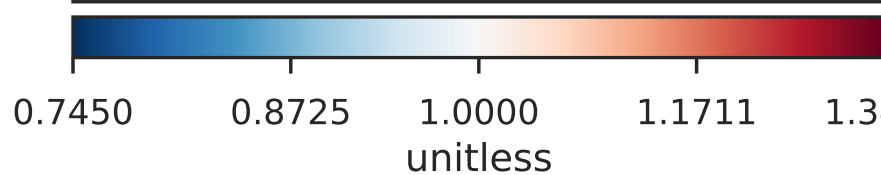
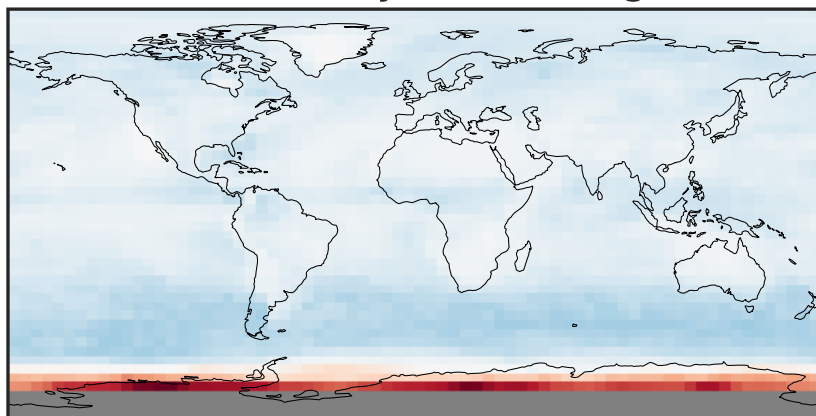
Difference
Dev - Ref, Dynamic Range



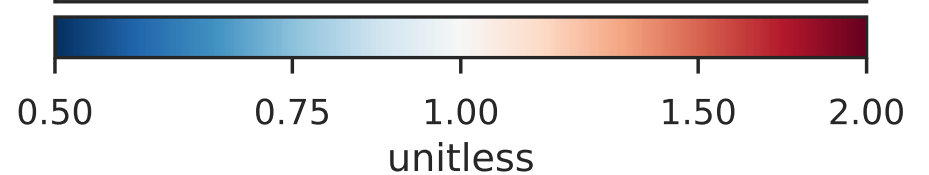
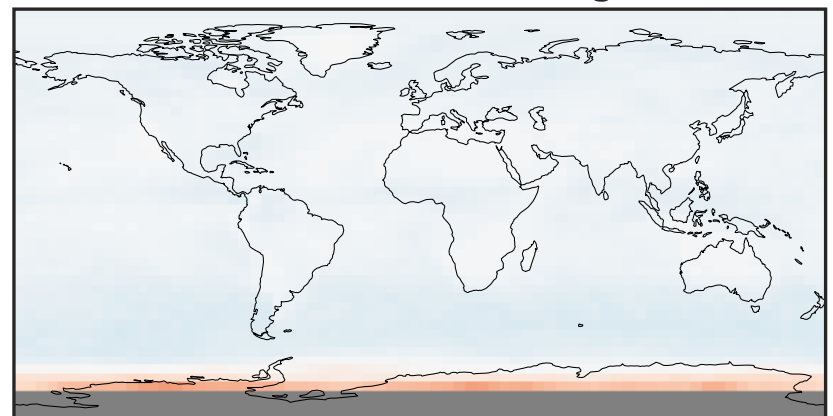
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

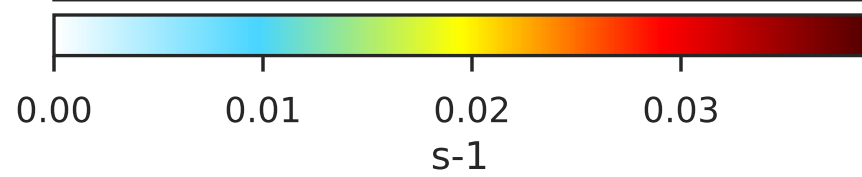
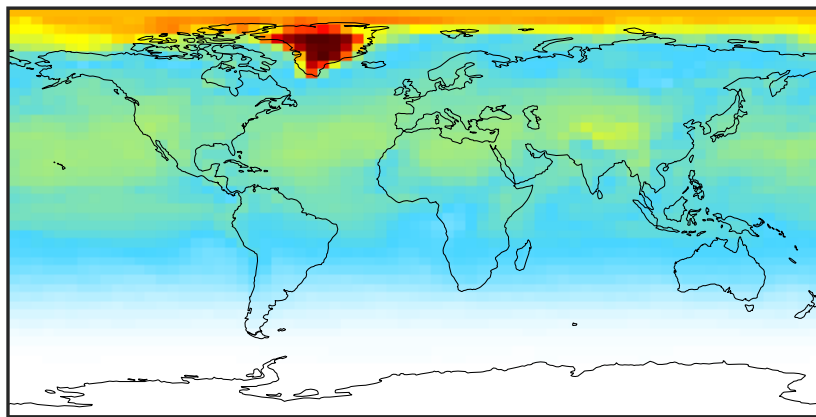


Ratio
Dev/Ref, Fixed Range

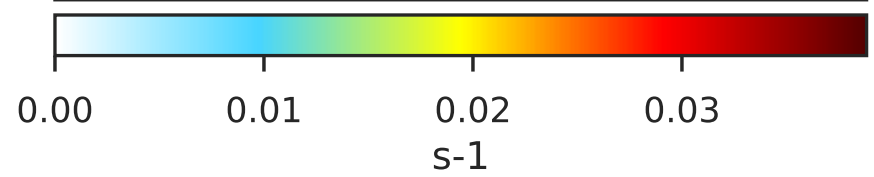
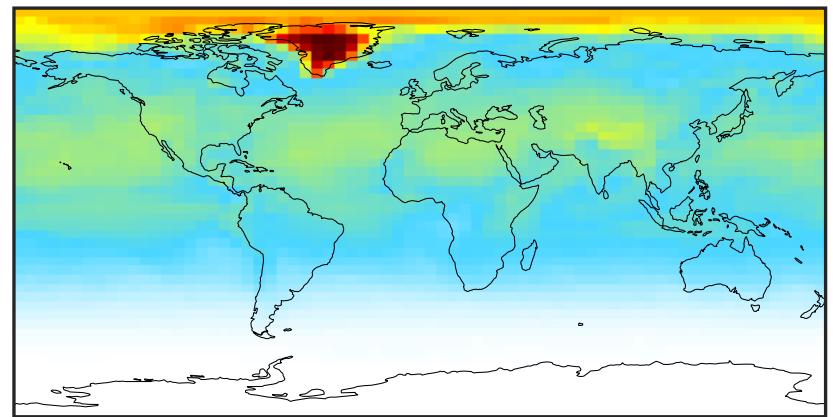


Jval_BrO (Jul2019)

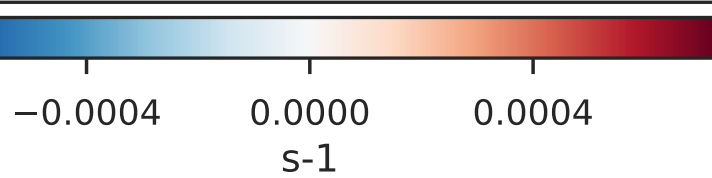
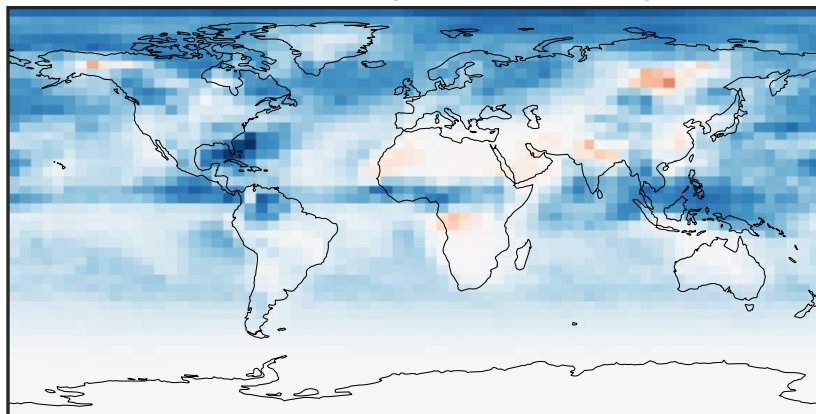
14.2.0-rc.2 (Ref)
4.0x5.0



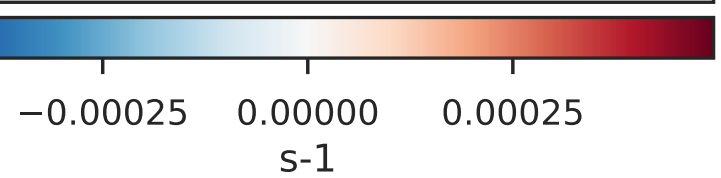
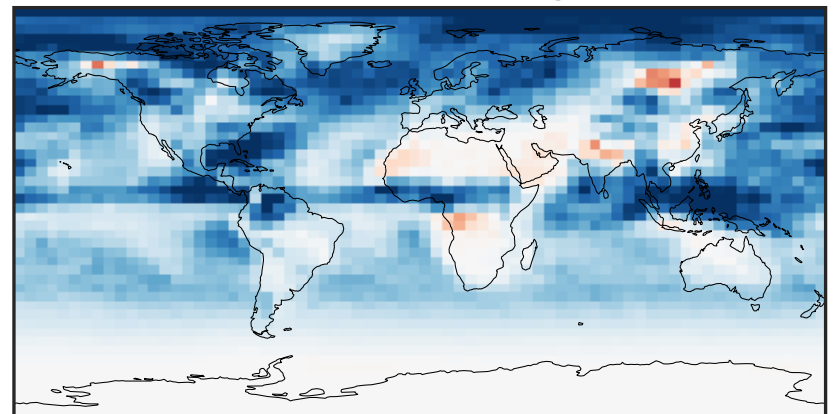
14.3.0-rc.0 (Dev)
4.0x5.0



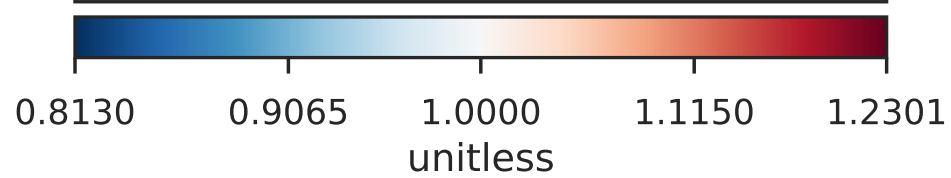
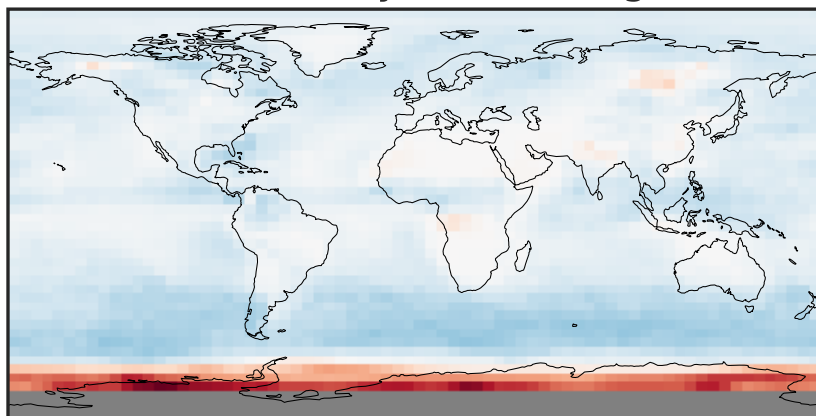
Difference
Dev - Ref, Dynamic Range



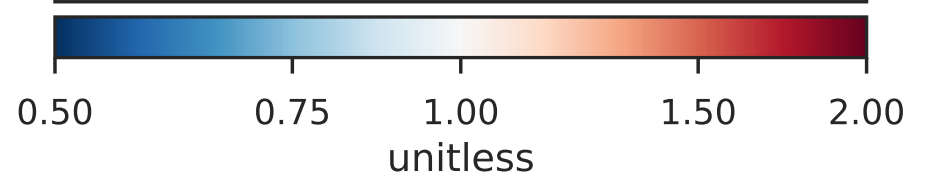
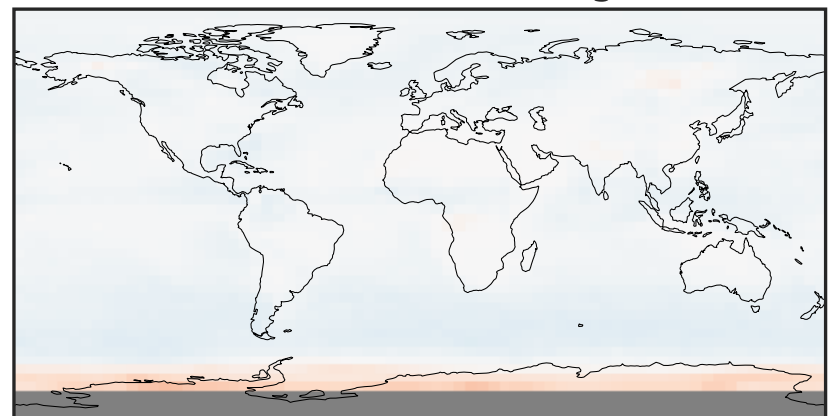
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

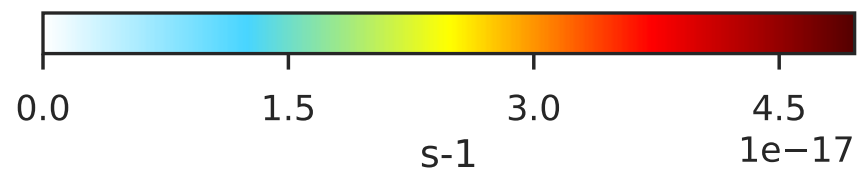
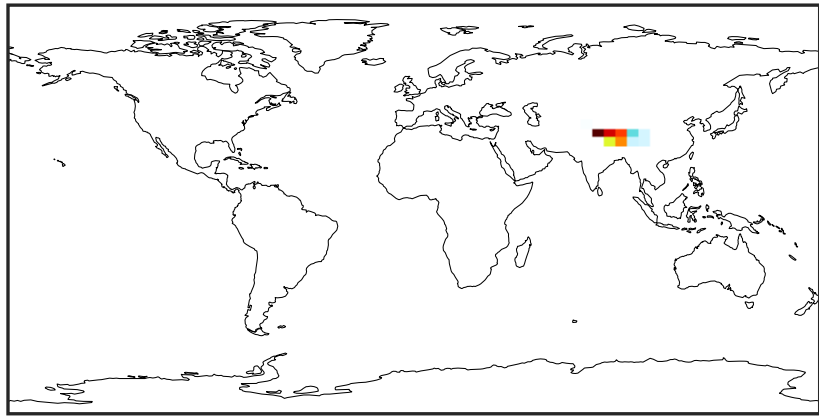


Ratio
Dev/Ref, Fixed Range

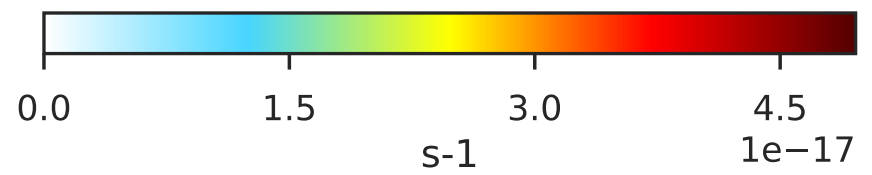
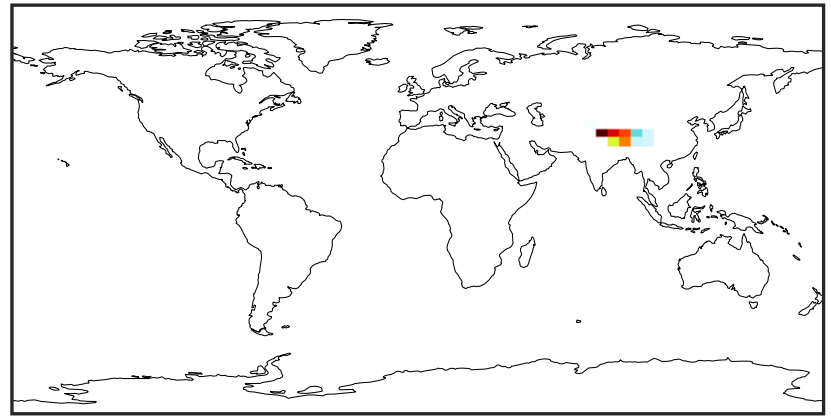


Jval_CCI4 (Jul2019)

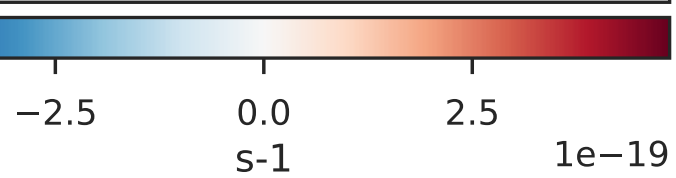
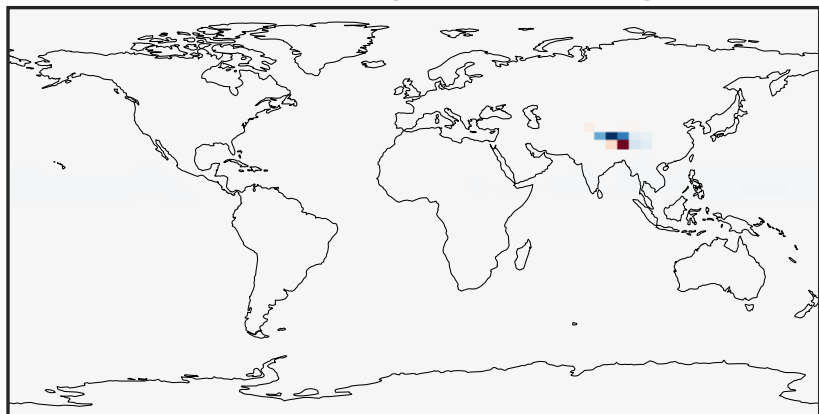
14.2.0-rc.2 (Ref)
4.0x5.0



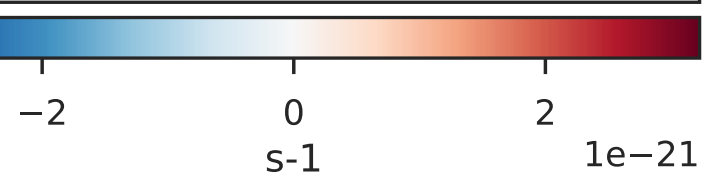
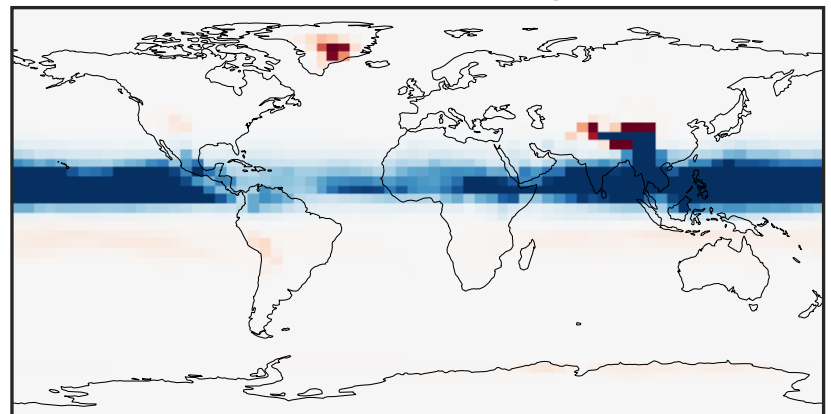
14.3.0-rc.0 (Dev)
4.0x5.0



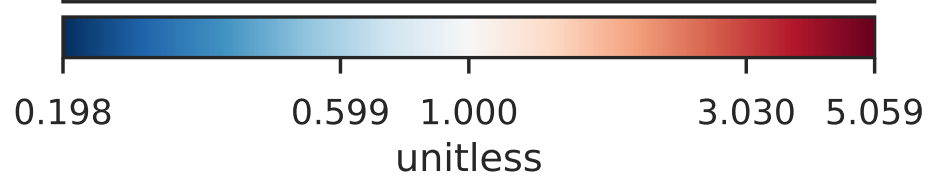
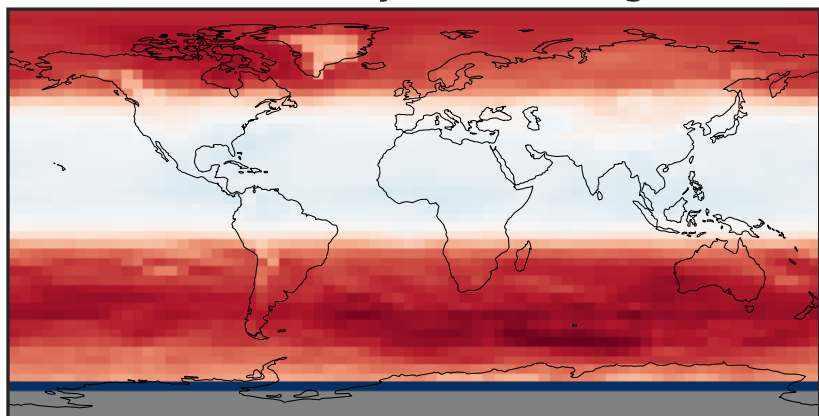
Difference
Dev - Ref, Dynamic Range



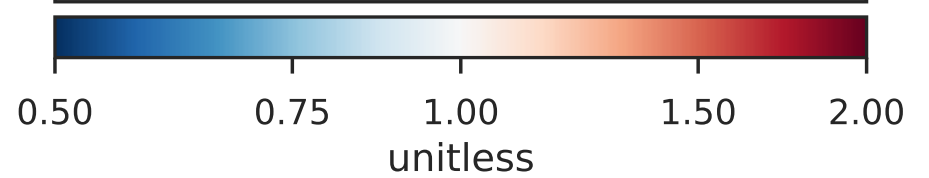
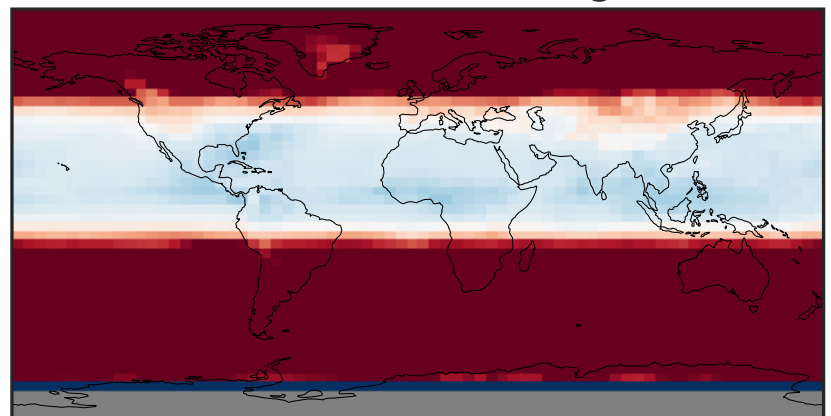
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

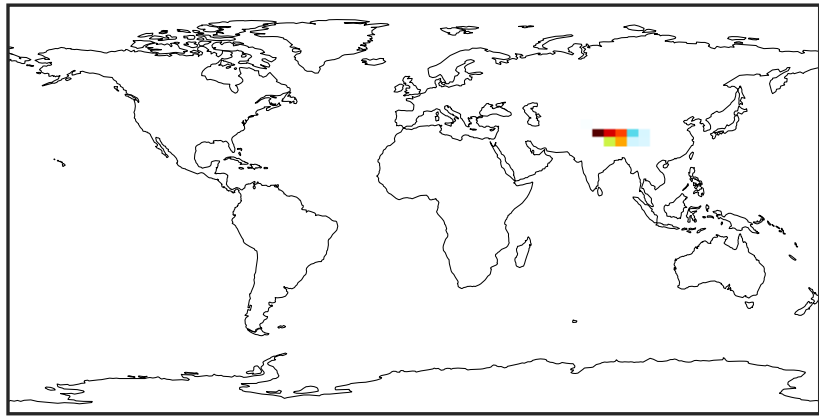


Ratio
Dev/Ref, Fixed Range



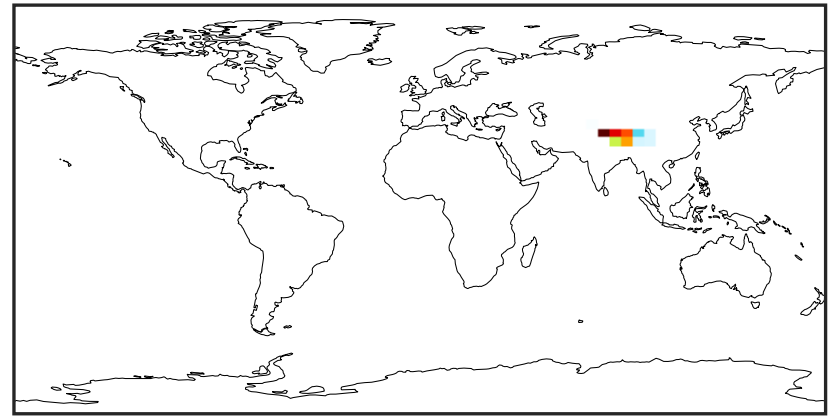
Jval_CFC11 (Jul2019)

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



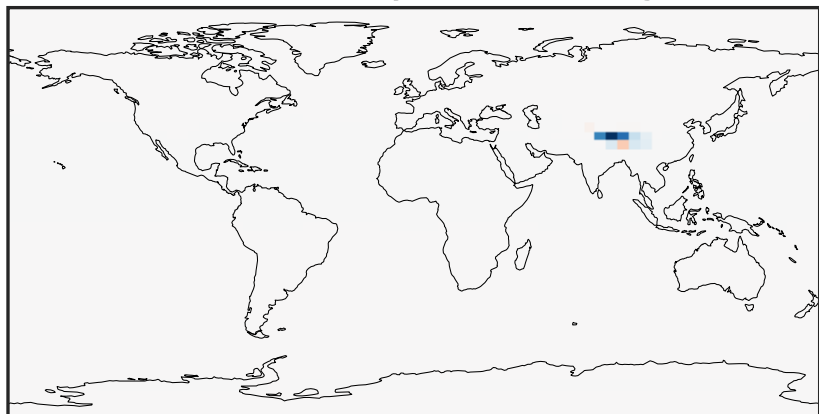
0.0 0.5 1.0 1.5
s-1 $1e-17$

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



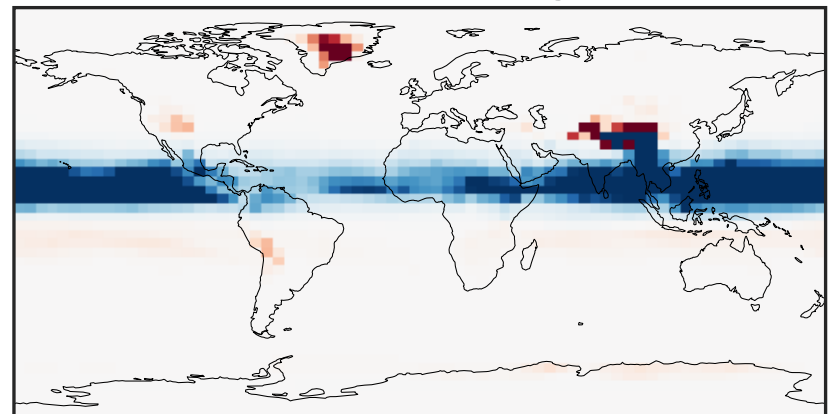
0.0 0.5 1.0 1.5
s-1 $1e-17$

Difference
Dev - Ref, Dynamic Range



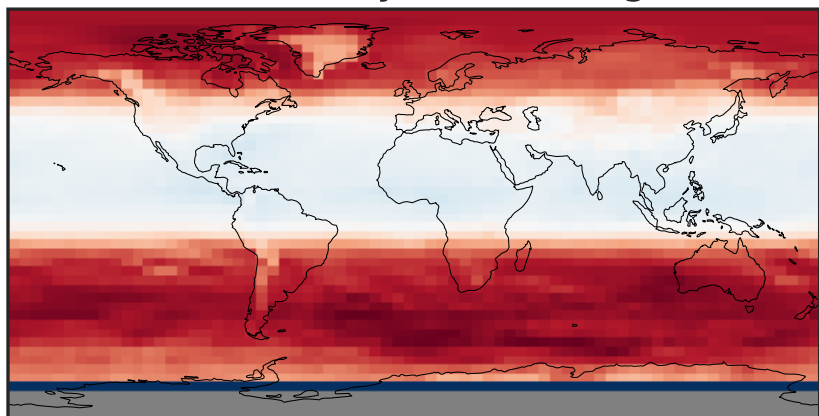
-1.5 0.0 1.5
s-1 $1e-19$

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



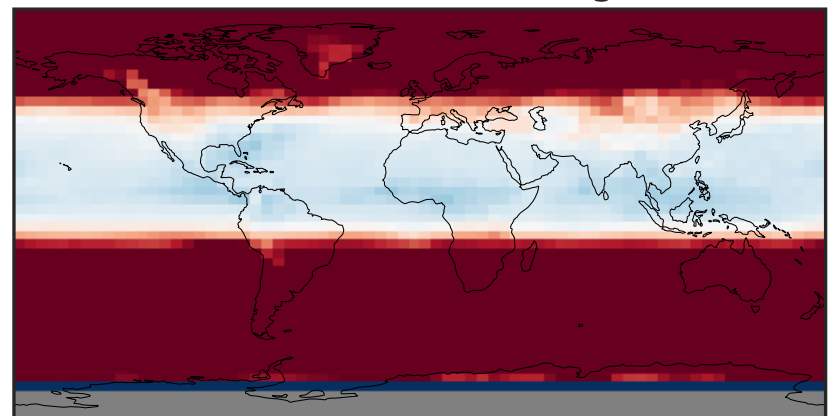
-2 0 2
s-1 $1e-22$

Ratio
Dev/Ref, Dynamic Range



0.231 0.616 1.000 2.663 4.325
unitless

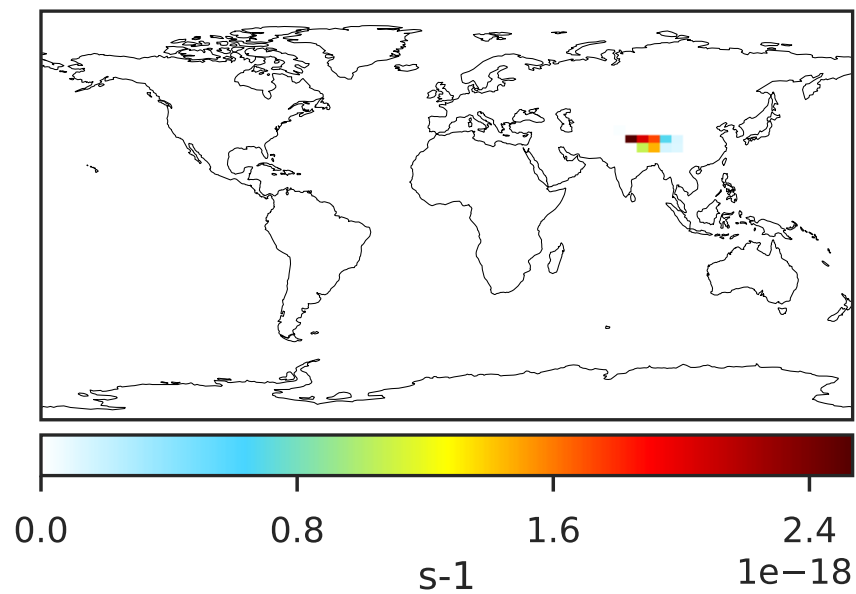
Ratio
Dev/Ref, Fixed Range



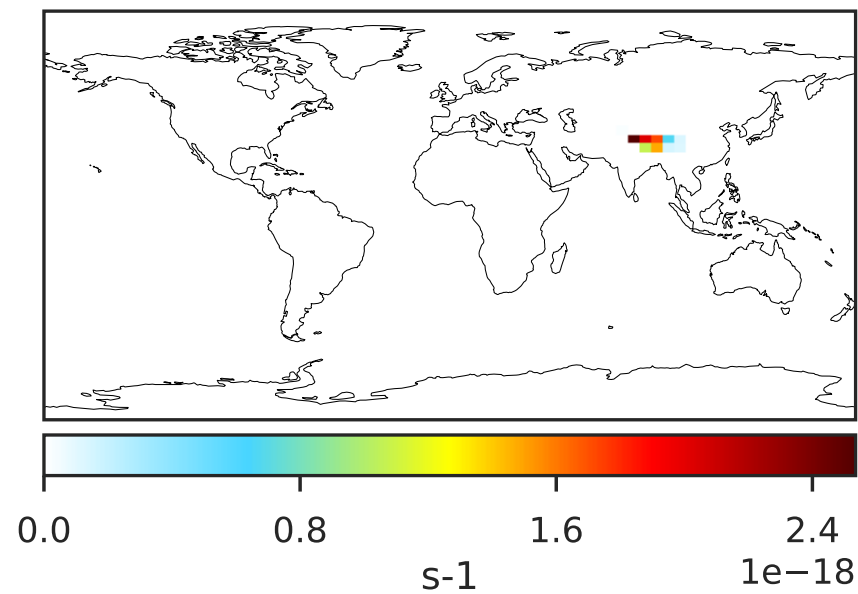
0.50 0.75 1.00 1.50 2.00
unitless

Jval_CFC113 (Jul2019)

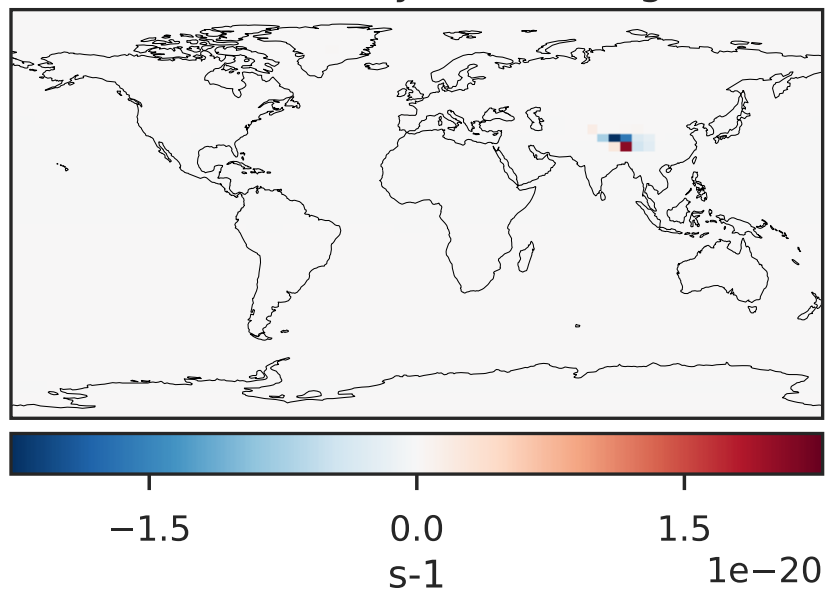
14.2.0-rc.2 (Ref)
4.0x5.0



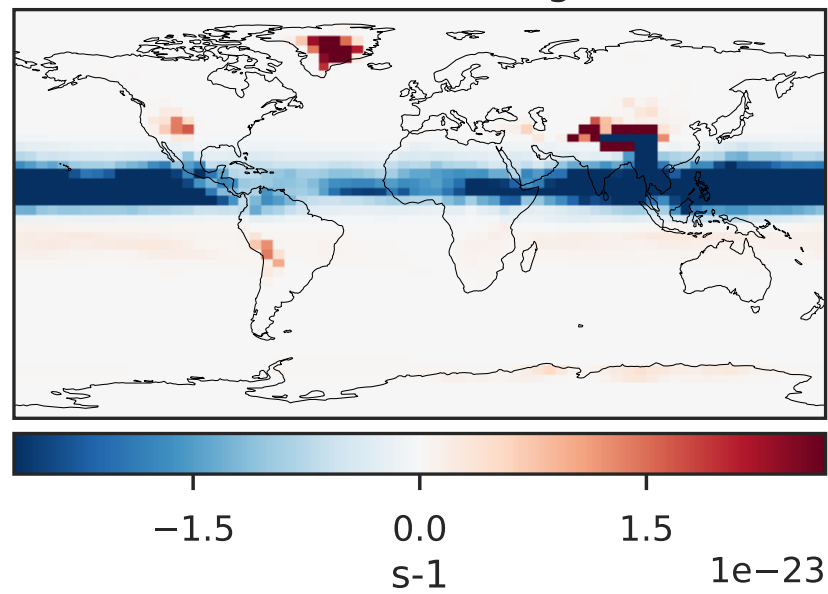
14.3.0-rc.0 (Dev)
4.0x5.0



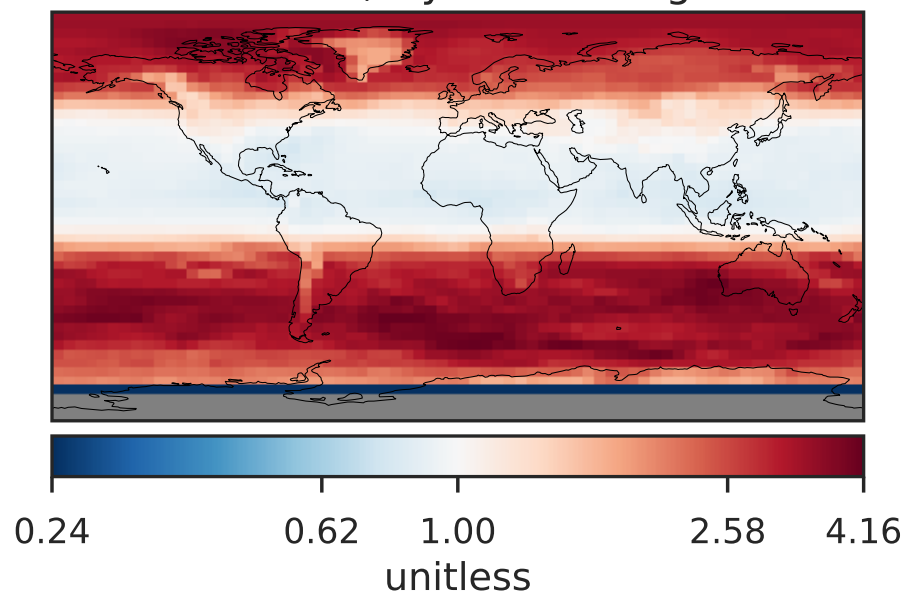
Difference
Dev - Ref, Dynamic Range



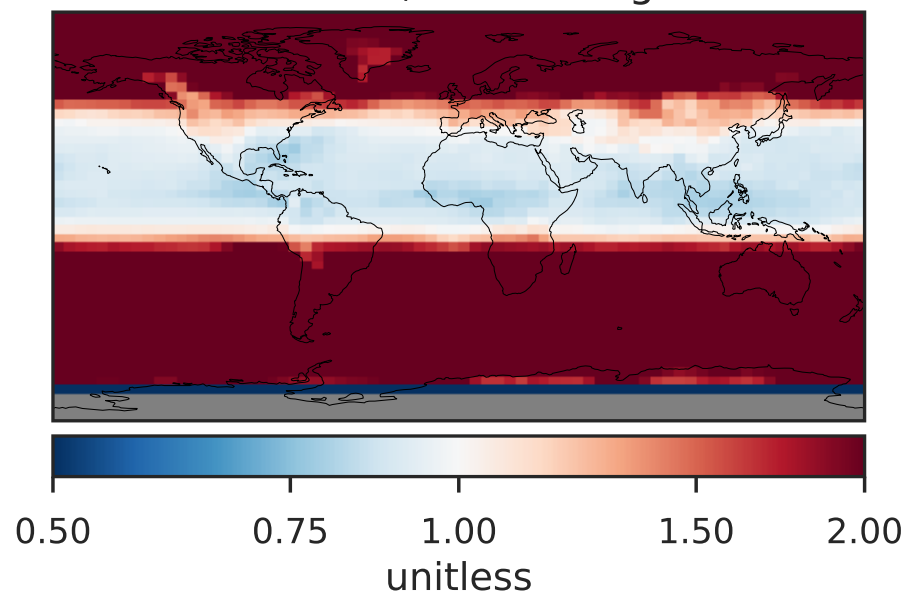
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

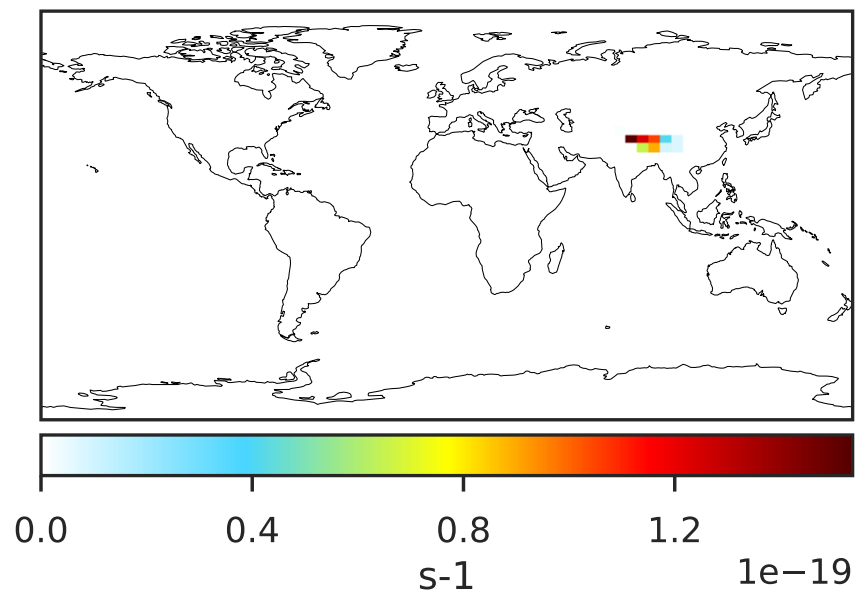


Ratio
Dev/Ref, Fixed Range

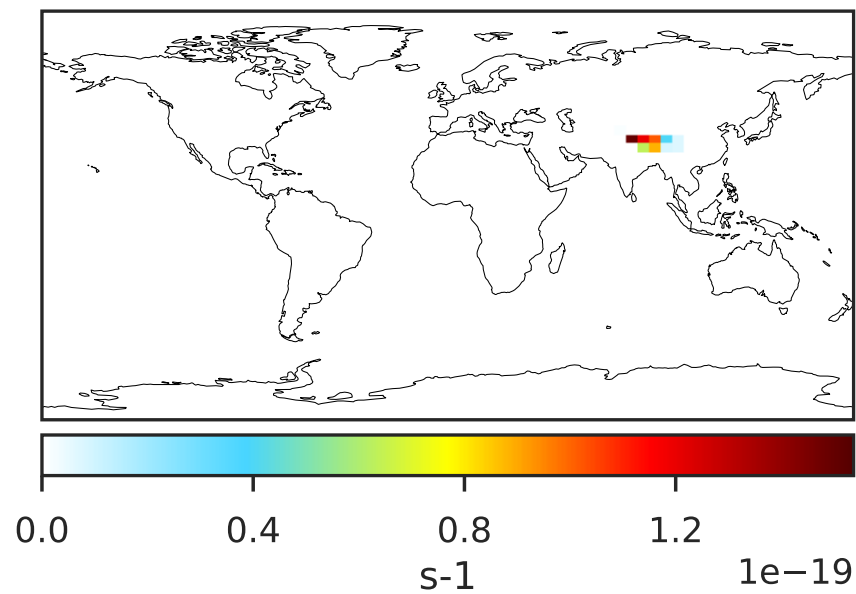


Jval_CFC114 (Jul2019)

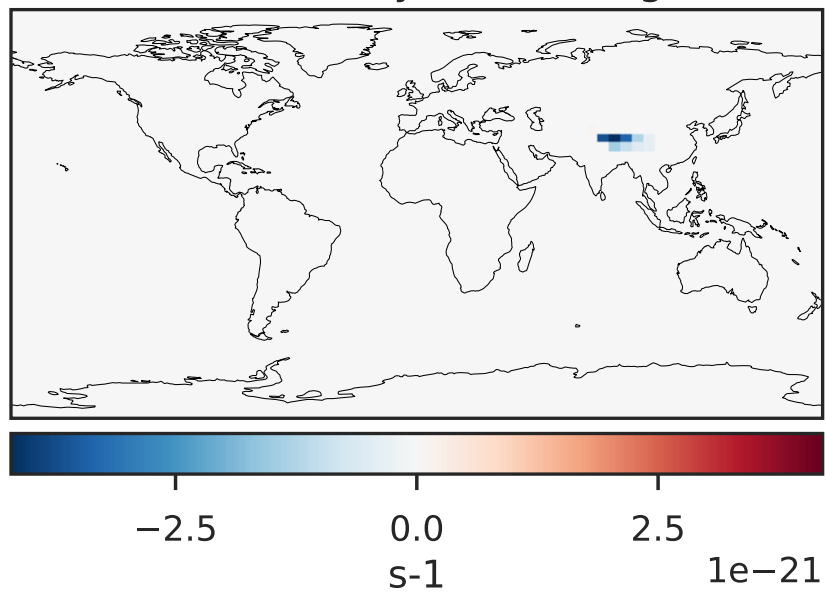
14.2.0-rc.2 (Ref)
4.0x5.0



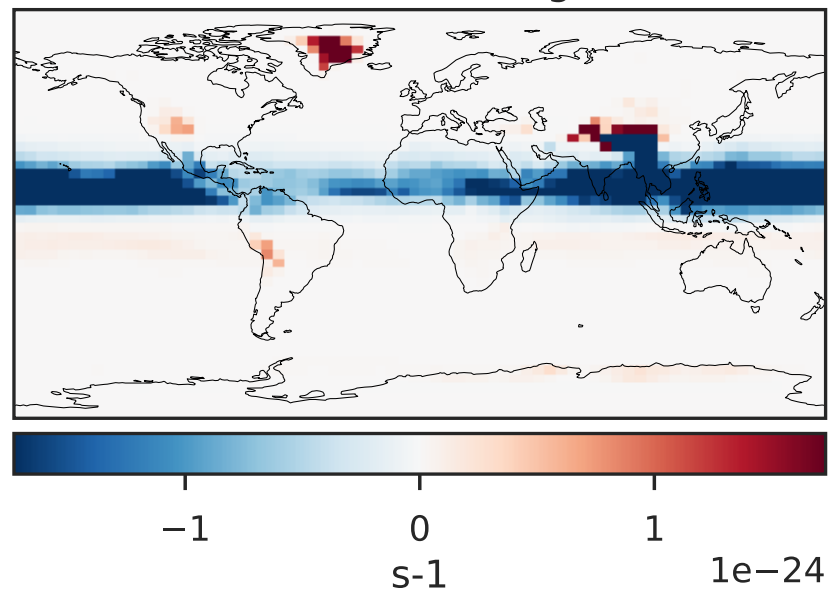
14.3.0-rc.0 (Dev)
4.0x5.0



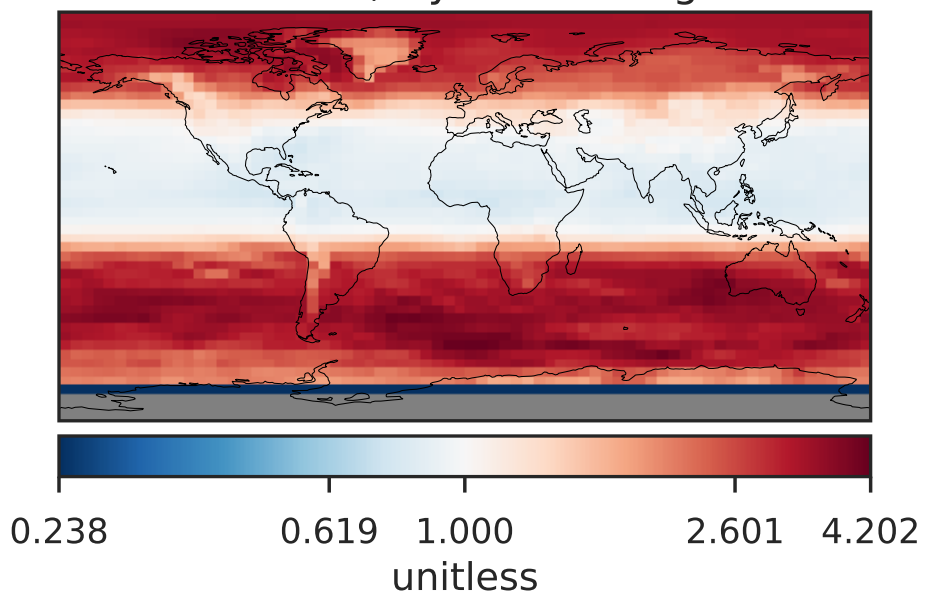
Difference
Dev - Ref, Dynamic Range



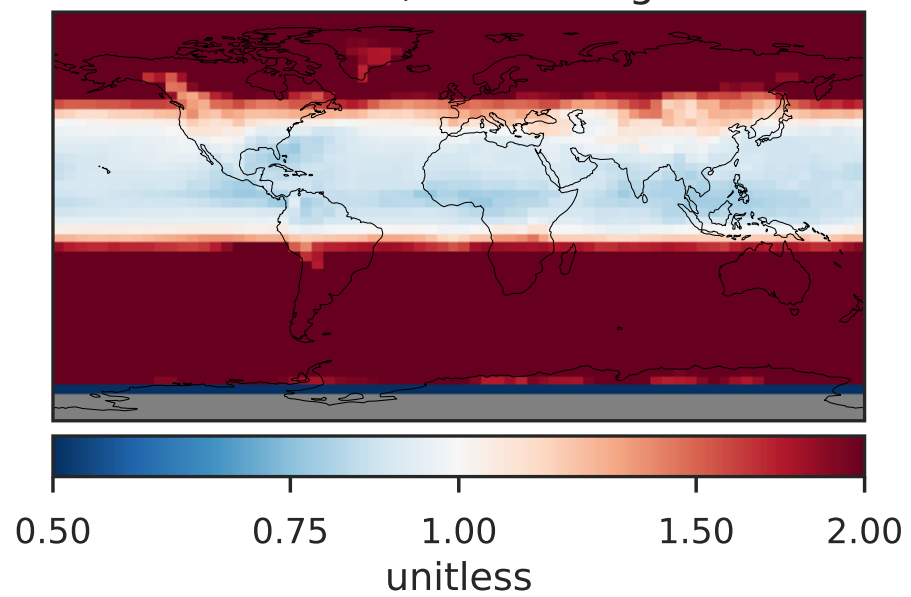
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

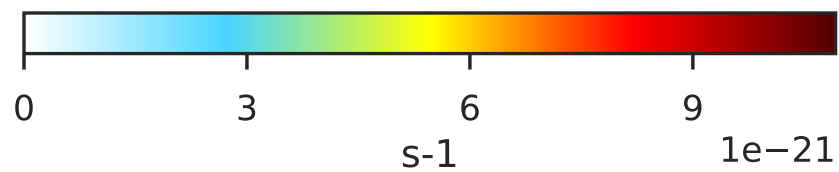
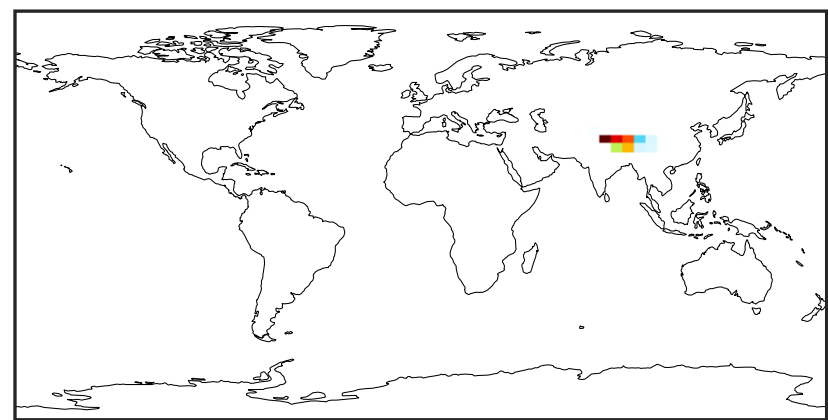


Ratio
Dev/Ref, Fixed Range

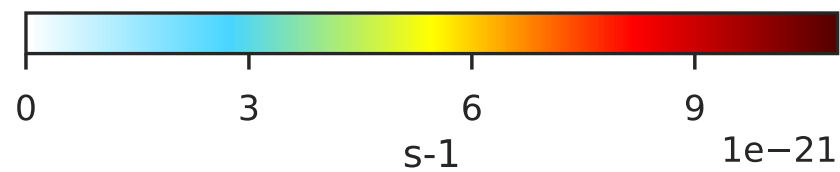
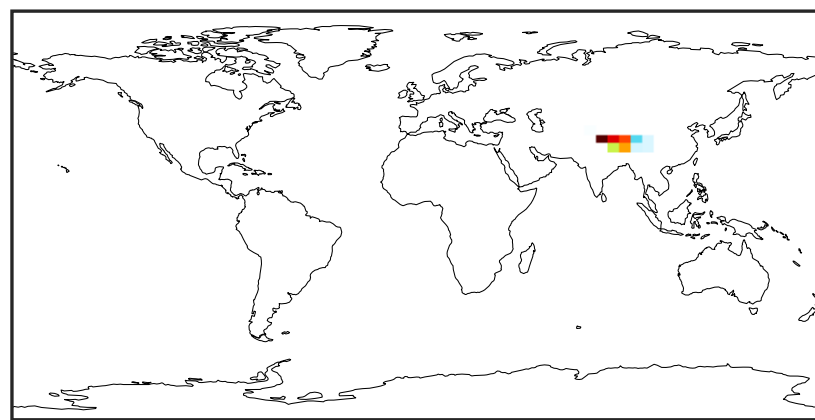


Jval_CFC115 (Jul2019)

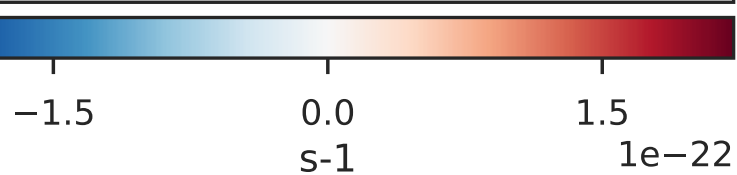
14.2.0-rc.2 (Ref)
4.0x5.0



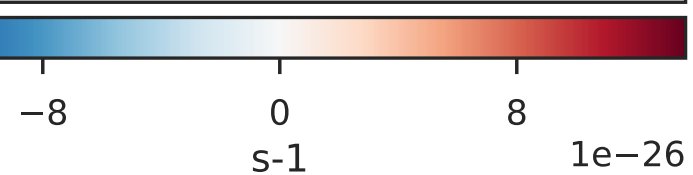
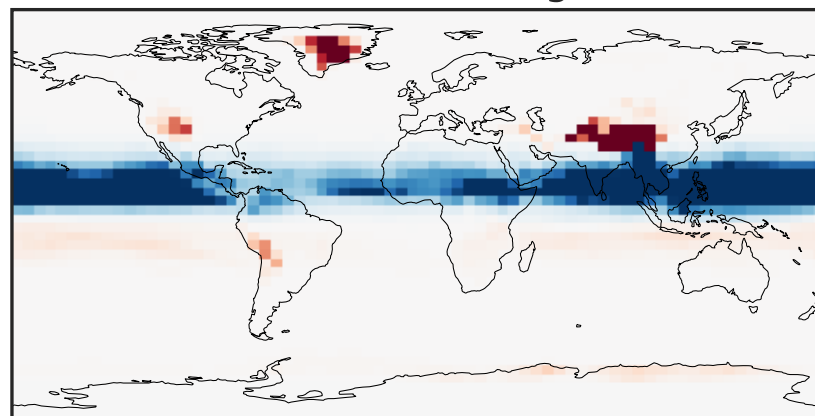
14.3.0-rc.0 (Dev)
4.0x5.0



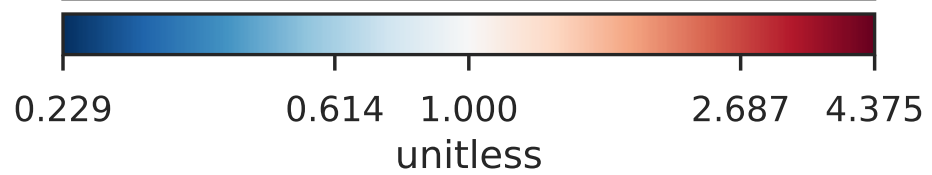
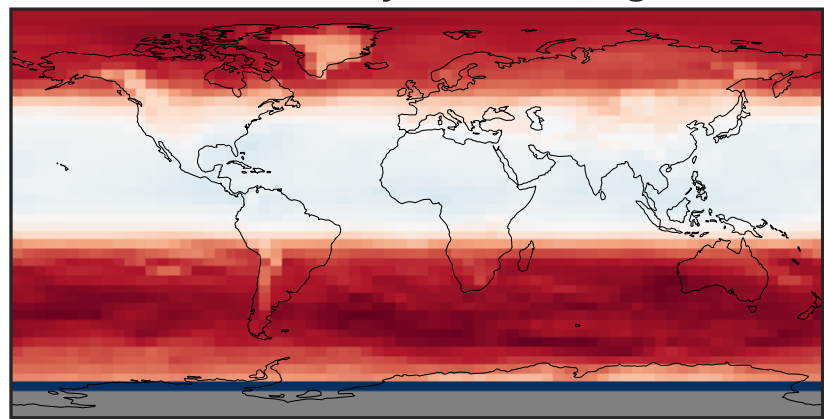
Difference
Dev - Ref, Dynamic Range



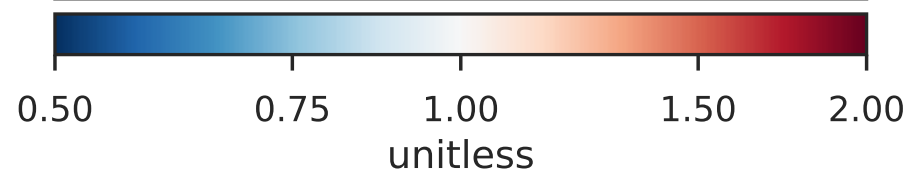
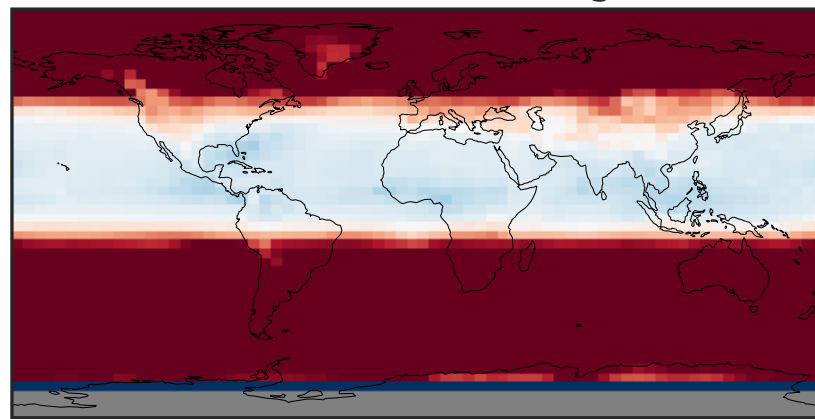
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

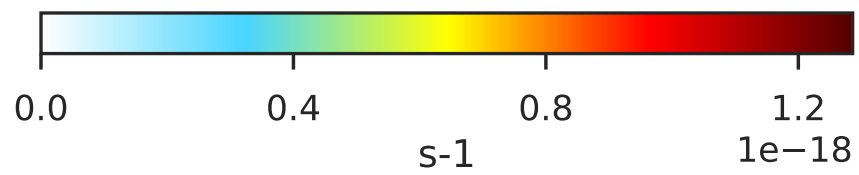
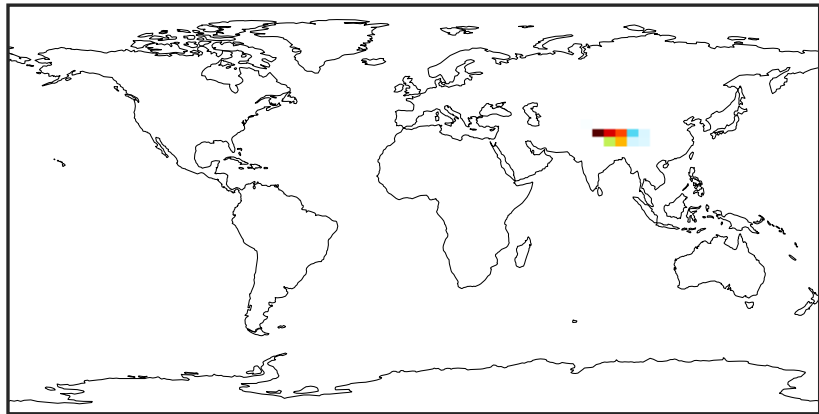


Ratio
Dev/Ref, Fixed Range

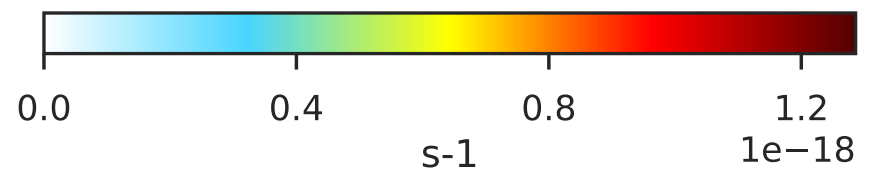
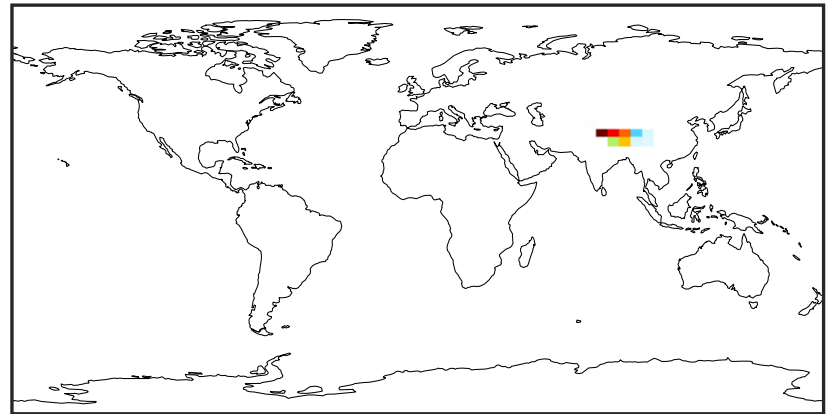


Jval_CFC12 (Jul2019)

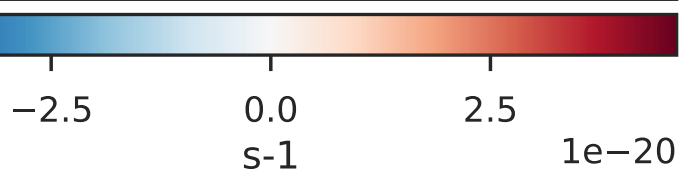
14.2.0-rc.2 (Ref)
4.0x5.0



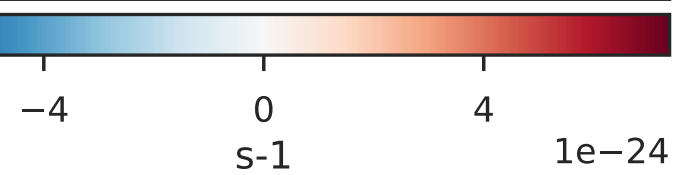
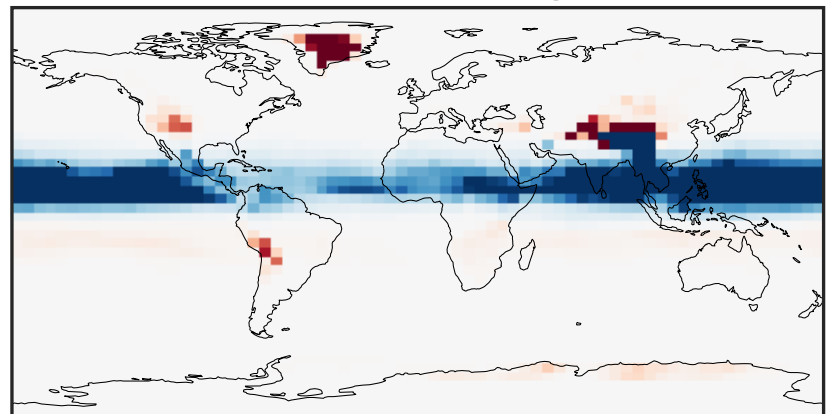
14.3.0-rc.0 (Dev)
4.0x5.0



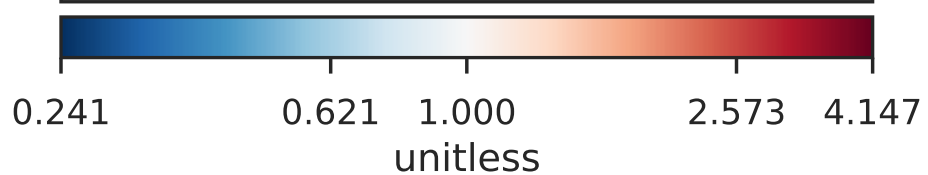
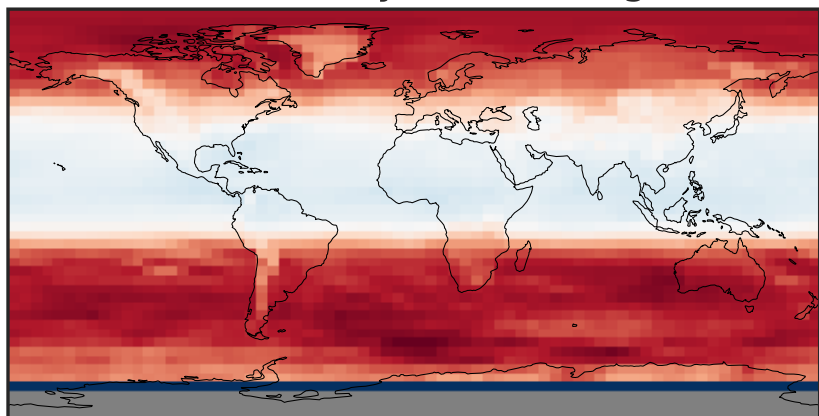
Difference
Dev - Ref, Dynamic Range



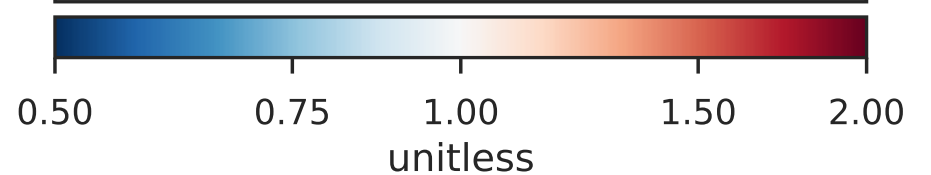
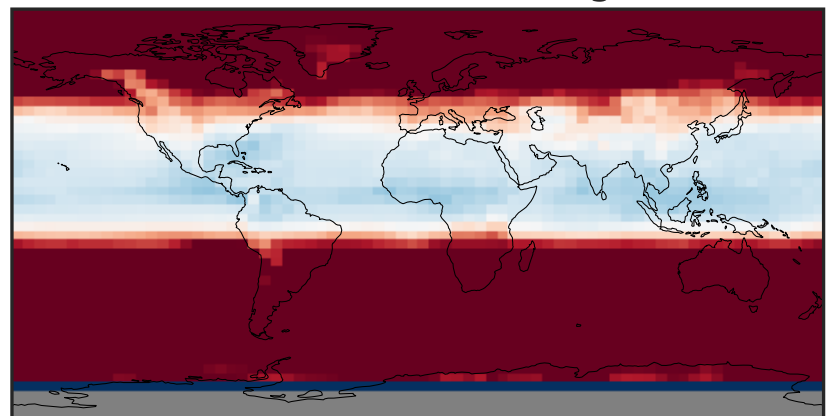
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

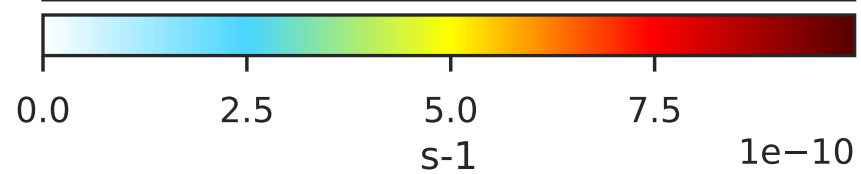
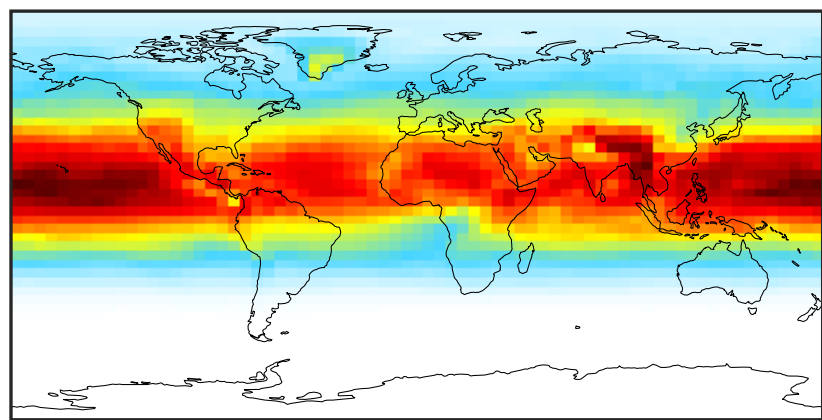


Ratio
Dev/Ref, Fixed Range

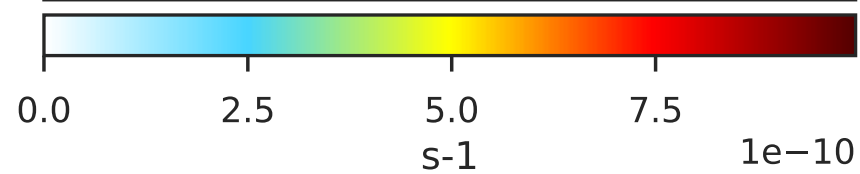
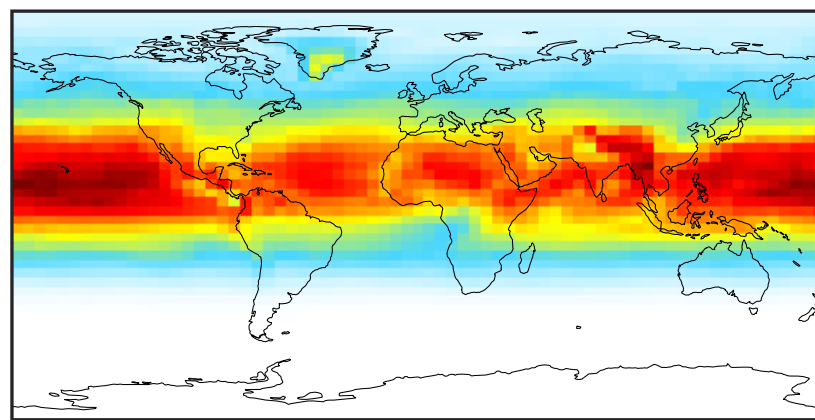


Jval_CH2Br2 (Jul2019)

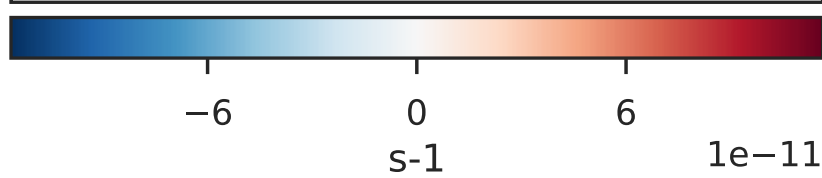
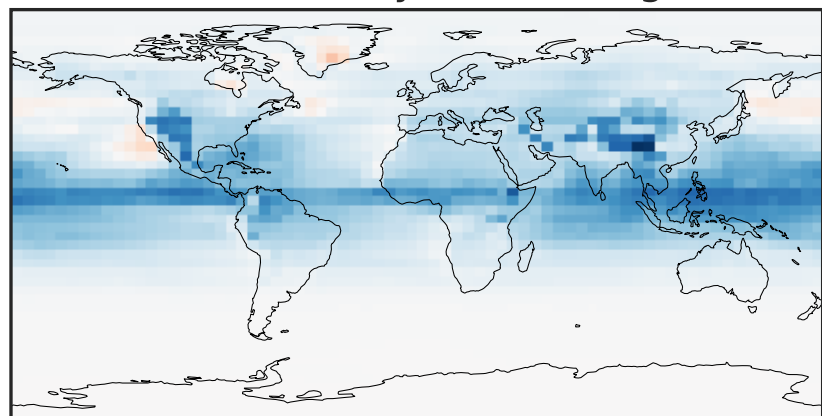
14.2.0-rc.2 (Ref)
4.0x5.0



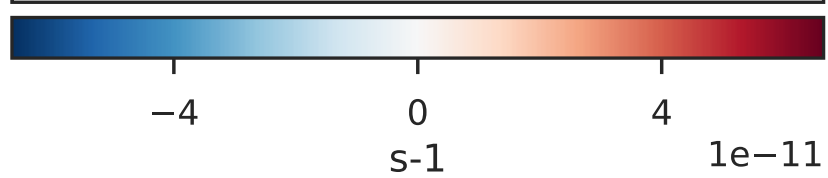
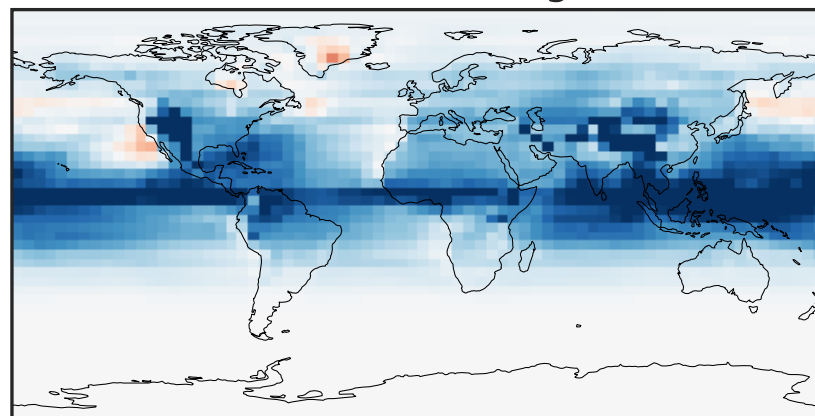
14.3.0-rc.0 (Dev)
4.0x5.0



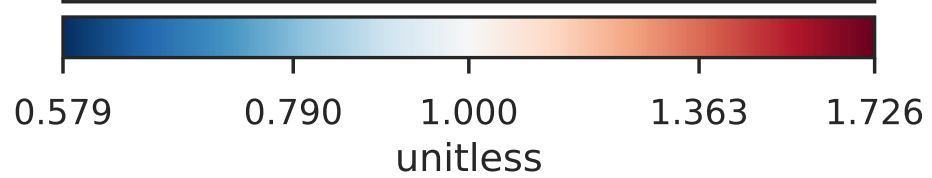
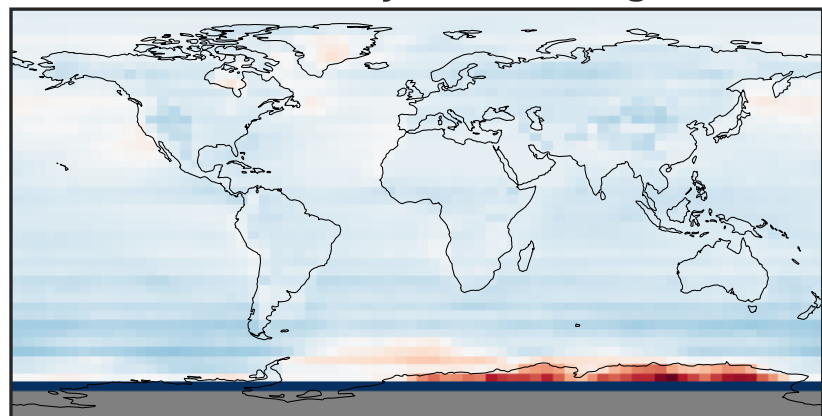
Difference
Dev - Ref, Dynamic Range



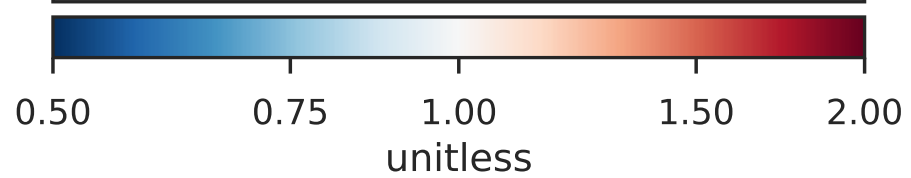
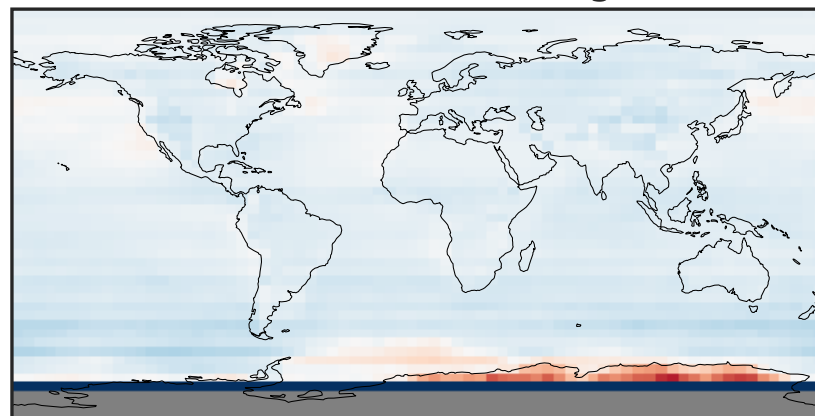
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

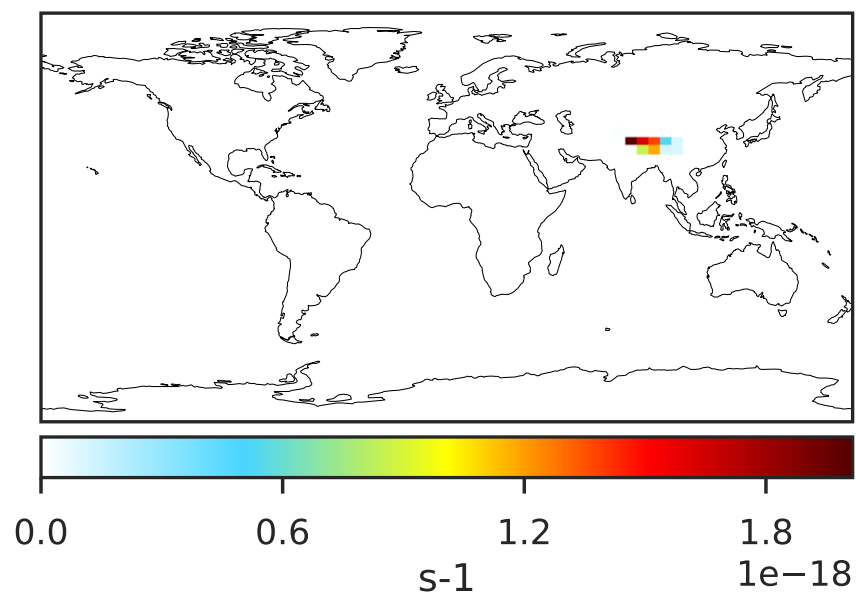


Ratio
Dev/Ref, Fixed Range

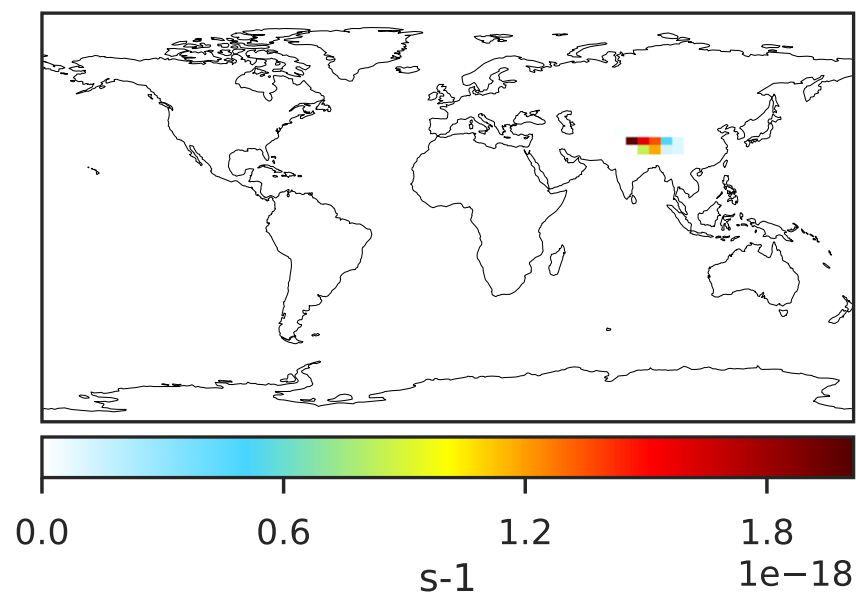


Jval_CH2Cl2 (Jul2019)

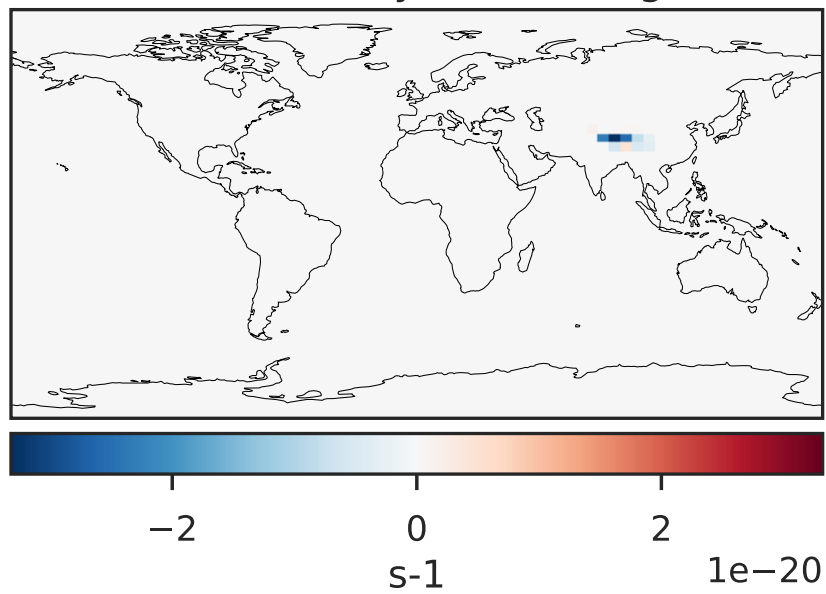
14.2.0-rc.2 (Ref)
4.0x5.0



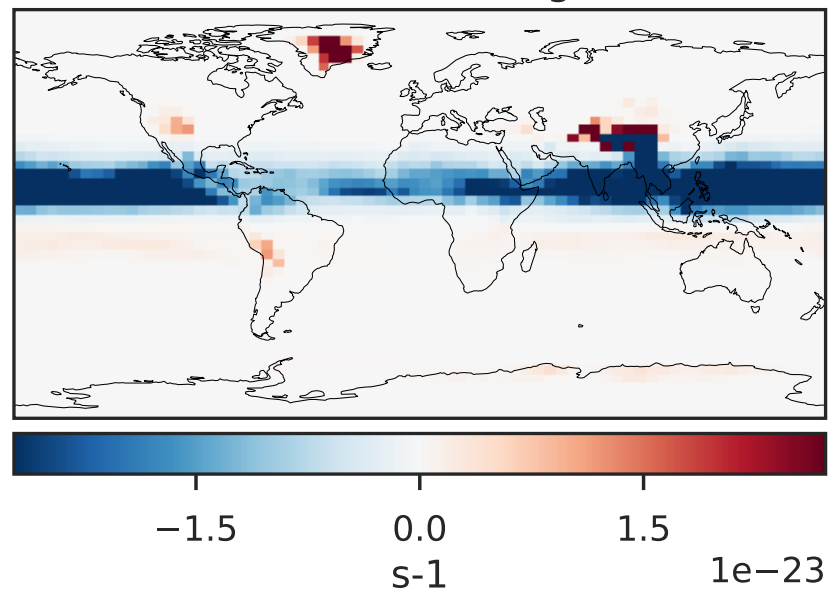
14.3.0-rc.0 (Dev)
4.0x5.0



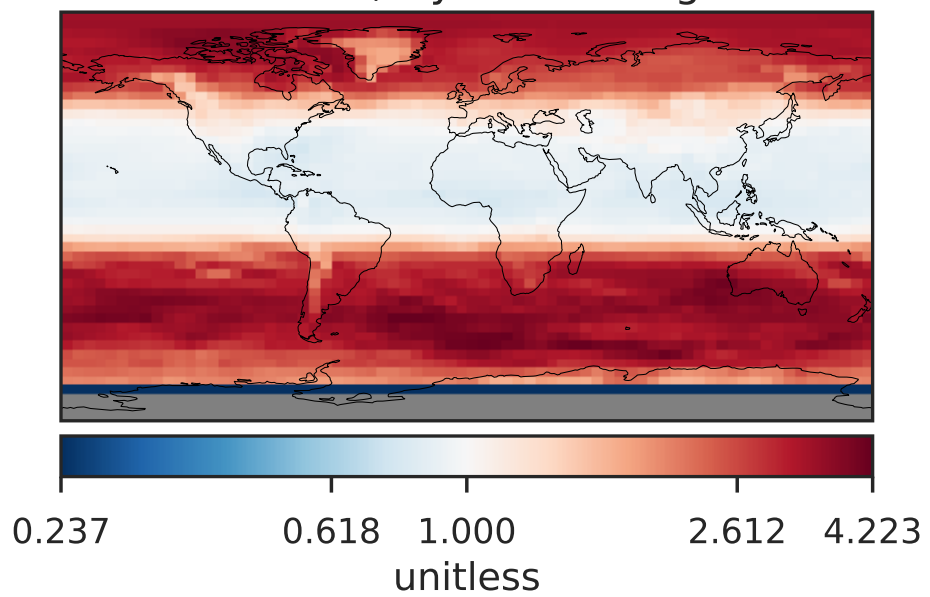
Difference
Dev - Ref, Dynamic Range



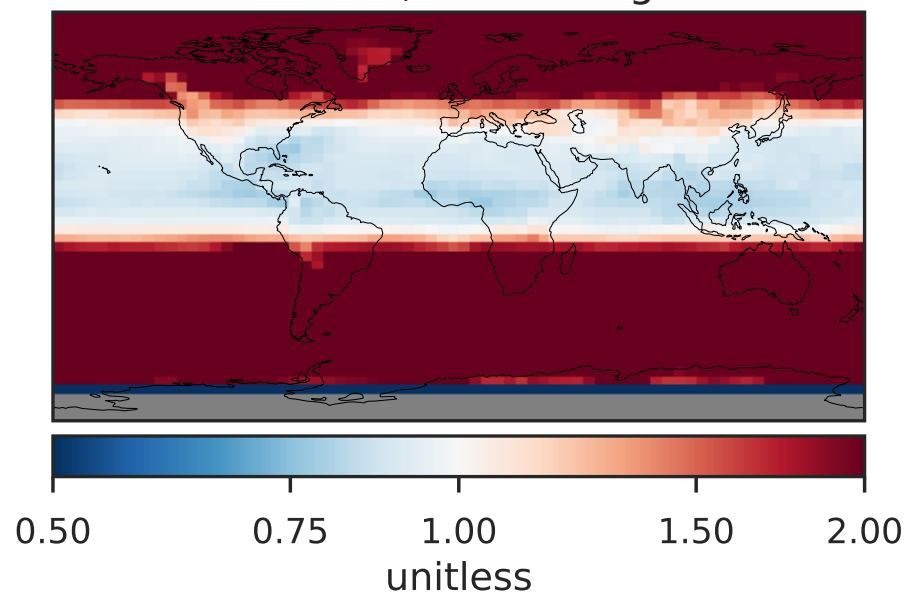
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

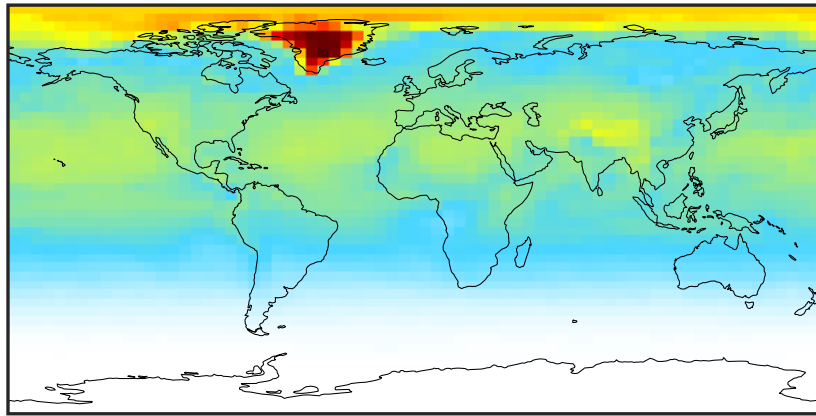


Ratio
Dev/Ref, Fixed Range



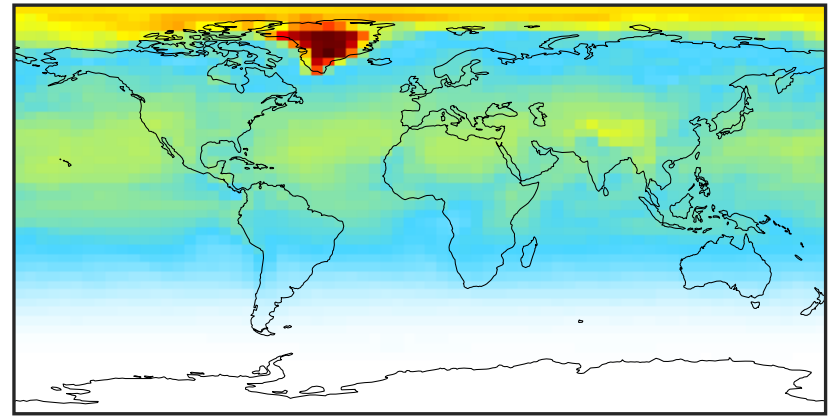
Jval_CH2I2 (Jul2019)

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



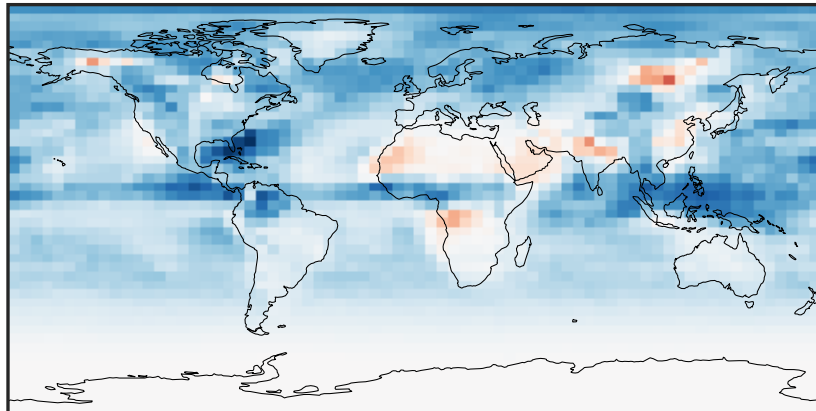
0.000 0.002 0.004 0.006
s-1

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



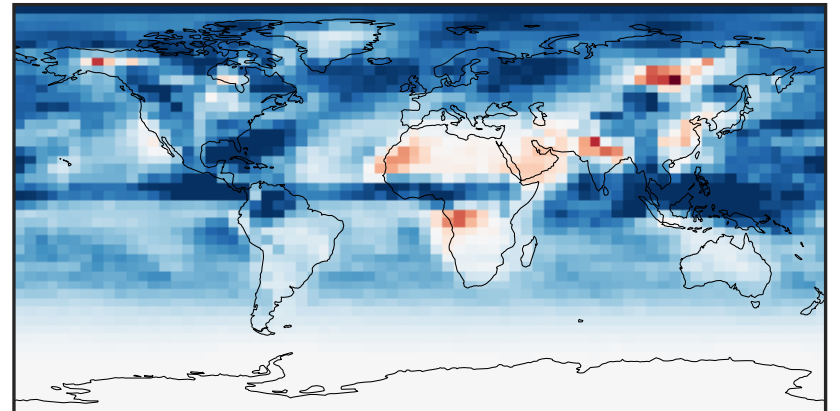
0.000 0.002 0.004 0.006
s-1

Difference
Dev - Ref, Dynamic Range



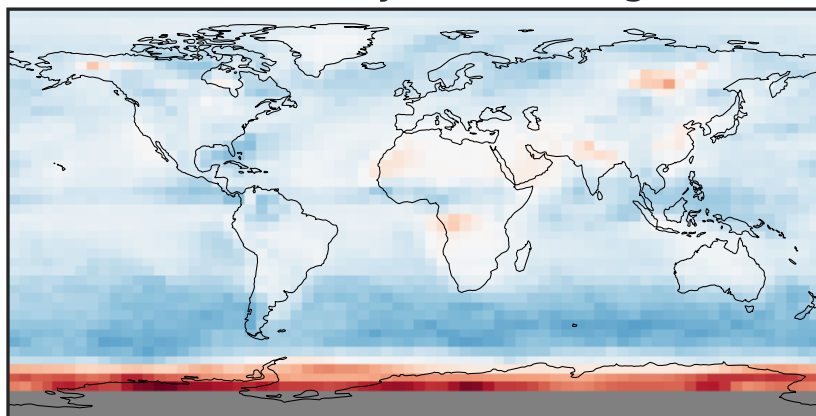
-8 0 8
s-1 1e-5

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



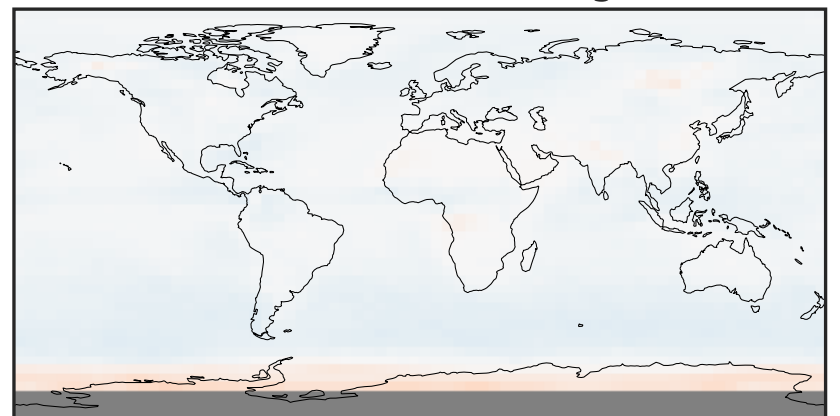
-5 0 5
s-1 1e-5

Ratio
Dev/Ref, Dynamic Range



0.8620 0.9310 1.0000 1.0801 1.1601
unitless

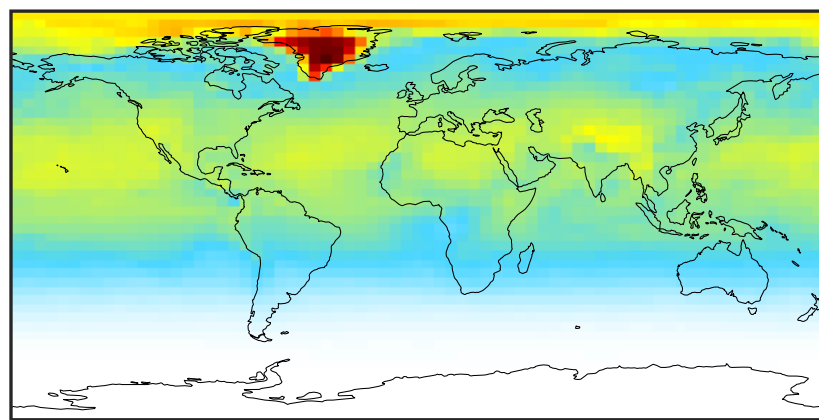
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

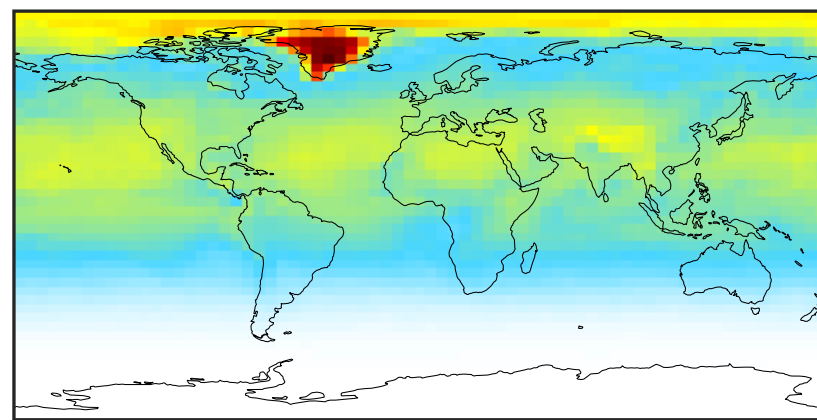
Jval_CH2IBr (Jul2019)

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



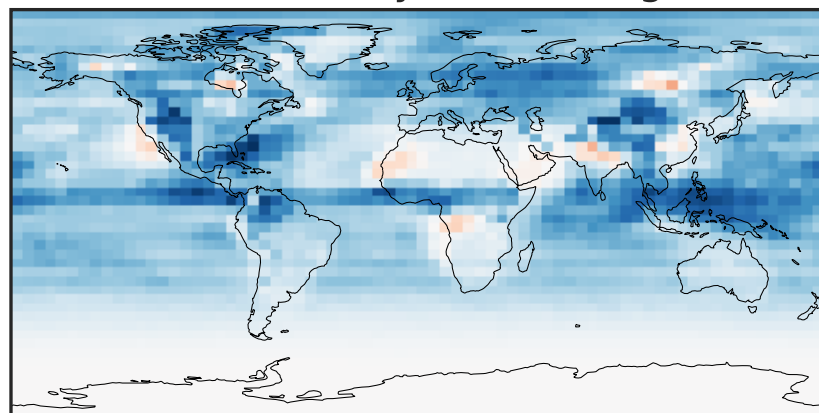
0.00000 0.00015 0.00030
s-1

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



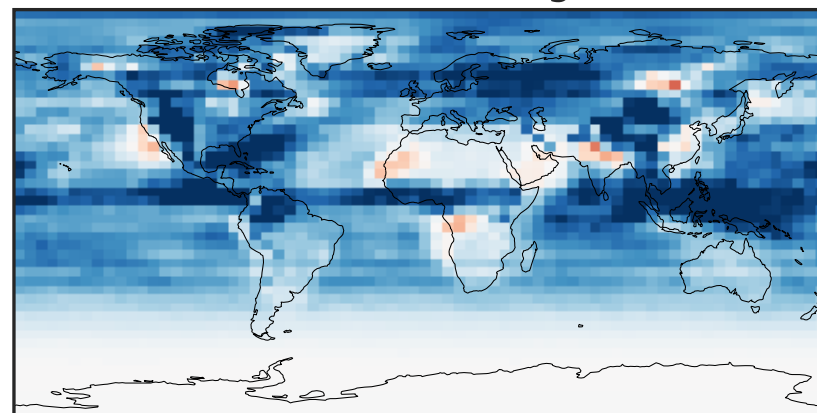
0.00000 0.00015 0.00030
s-1

Difference
Dev - Ref, Dynamic Range



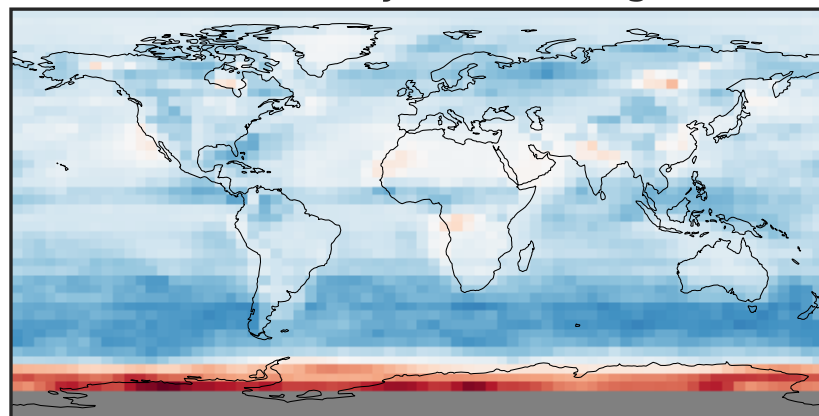
-6 0 6
s-1 1e-6

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



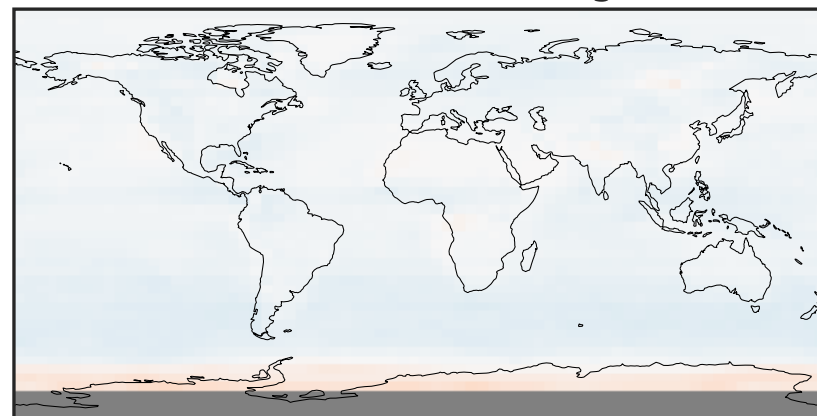
-4 0 4
s-1 1e-6

Ratio
Dev/Ref, Dynamic Range



0.8732 0.9366 1.0000 1.0726 1.1452
unitless

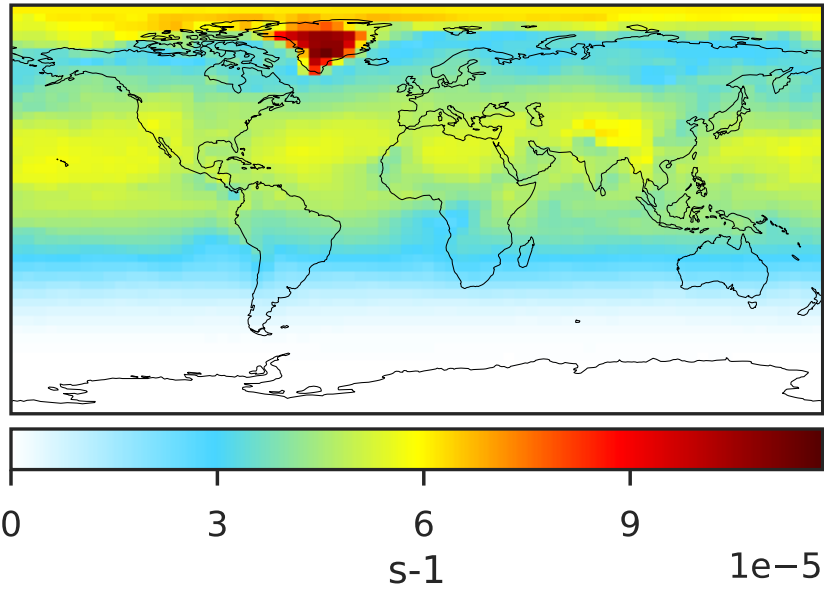
Ratio
Dev/Ref, Fixed Range



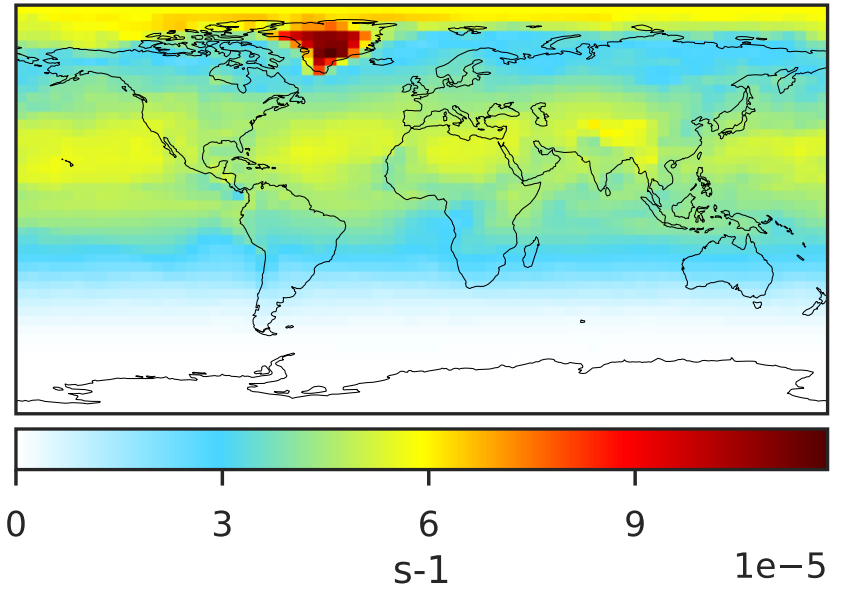
0.50 0.75 1.00 1.50 2.00
unitless

Jval_CH2ICI (Jul2019)

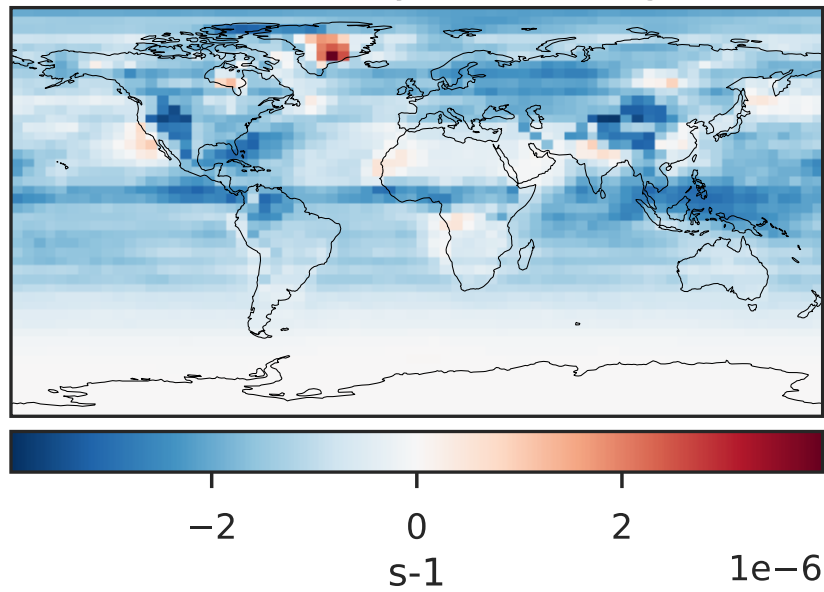
14.2.0-rc.2 (Ref)
4.0x5.0



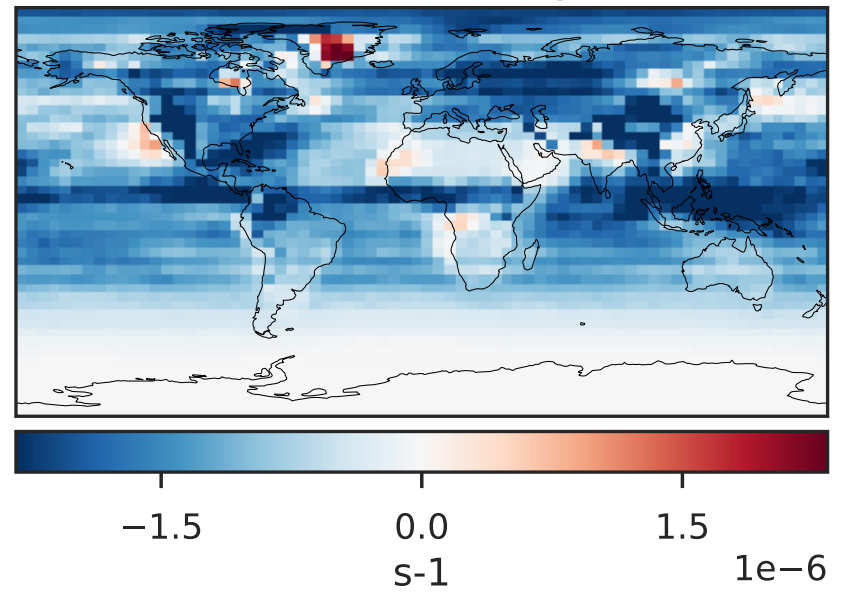
14.3.0-rc.0 (Dev)
4.0x5.0



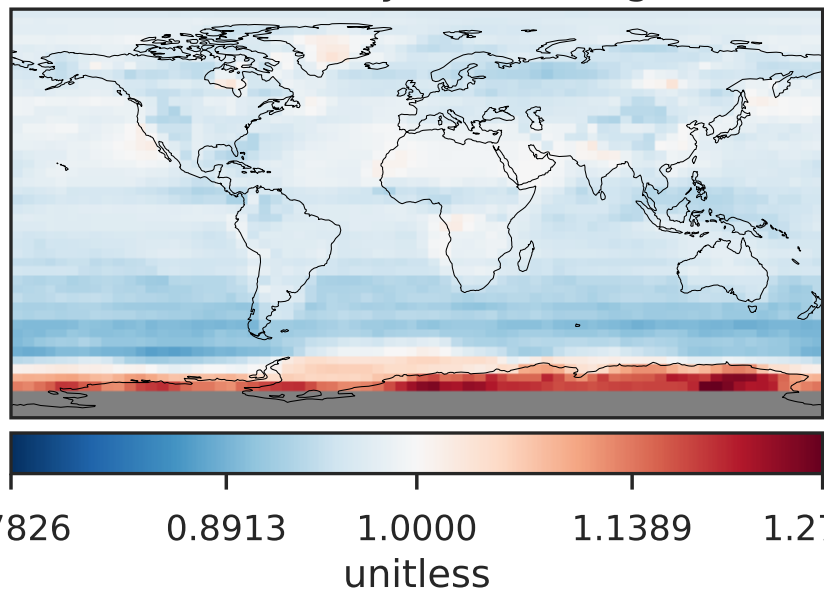
Difference
Dev - Ref, Dynamic Range



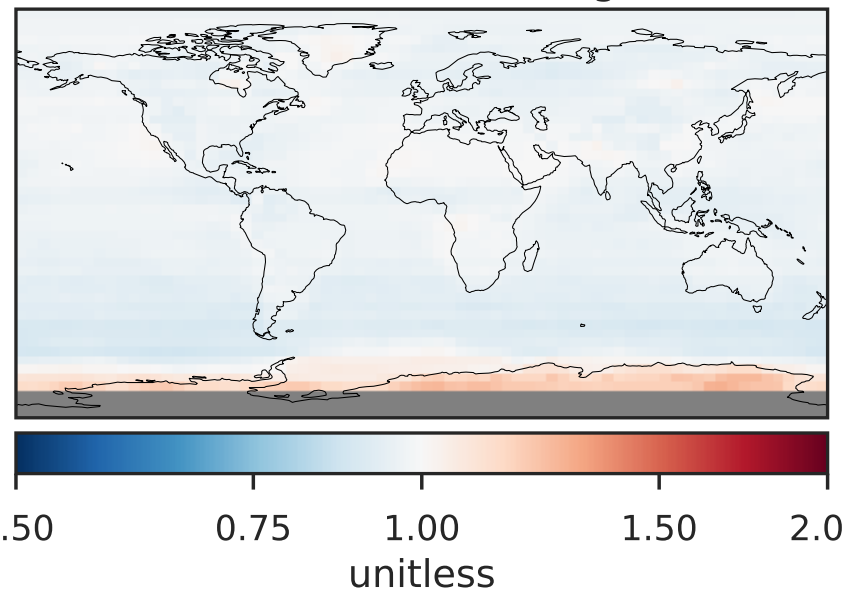
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

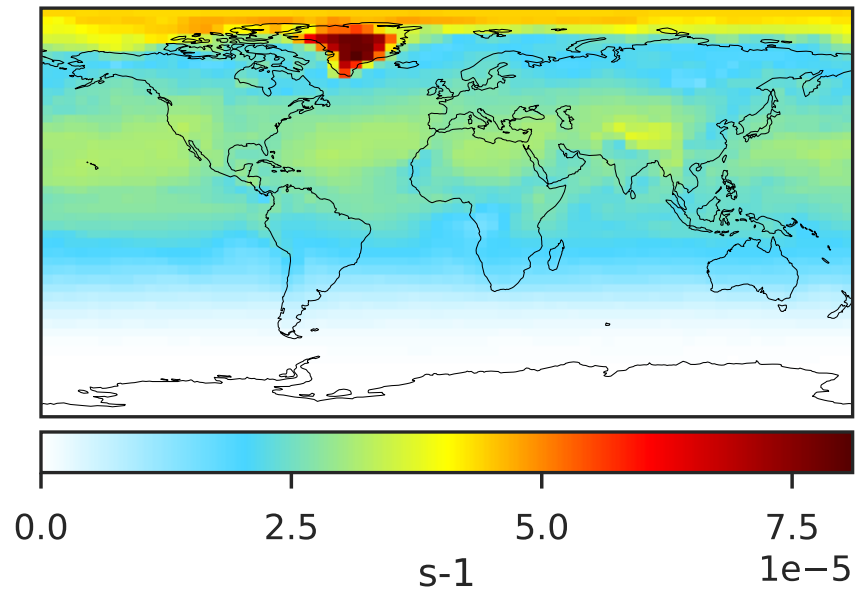


Ratio
Dev/Ref, Fixed Range

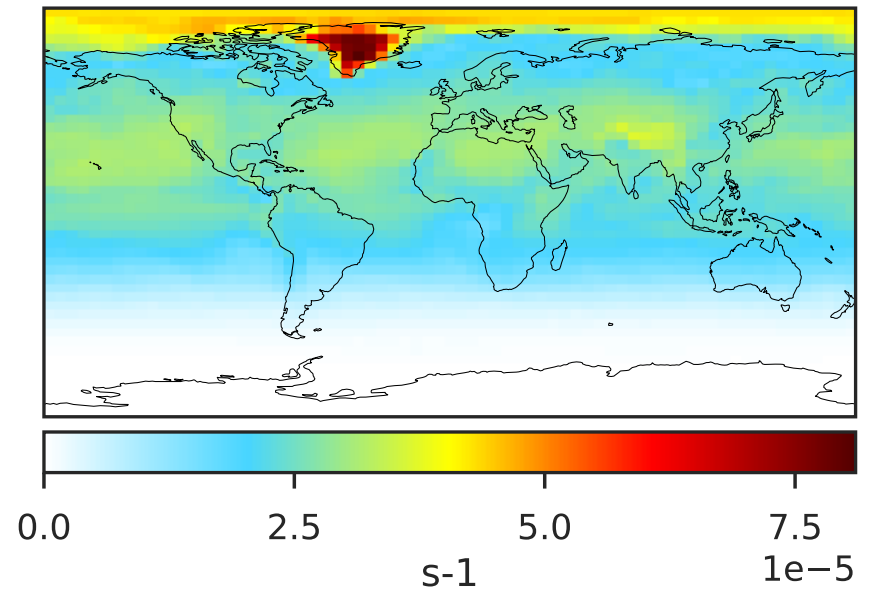


Jval_CH20 (Jul2019)

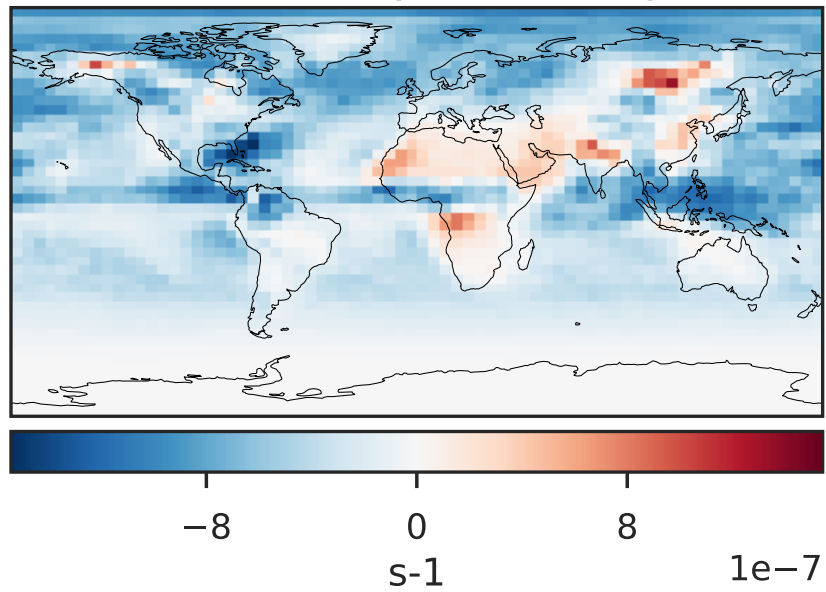
14.2.0-rc.2 (Ref)
4.0x5.0



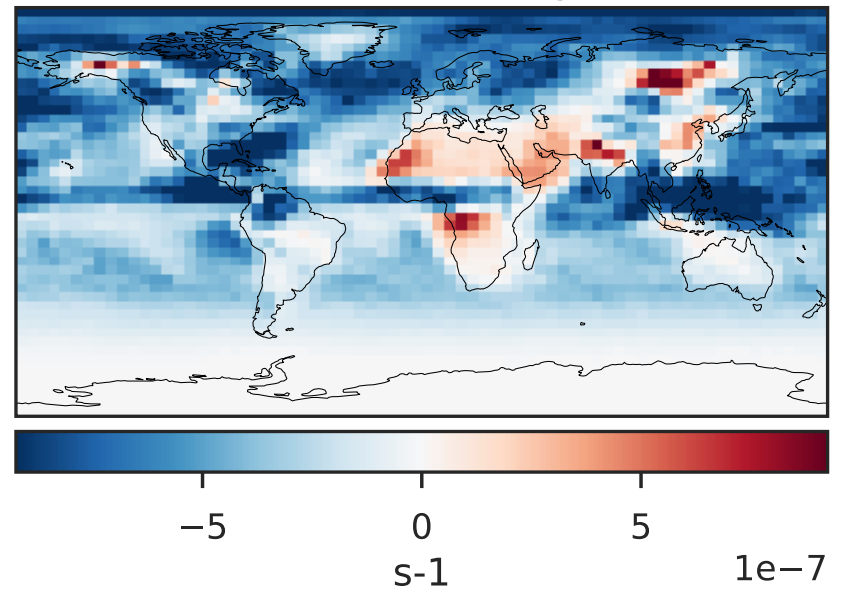
14.3.0-rc.0 (Dev)
4.0x5.0



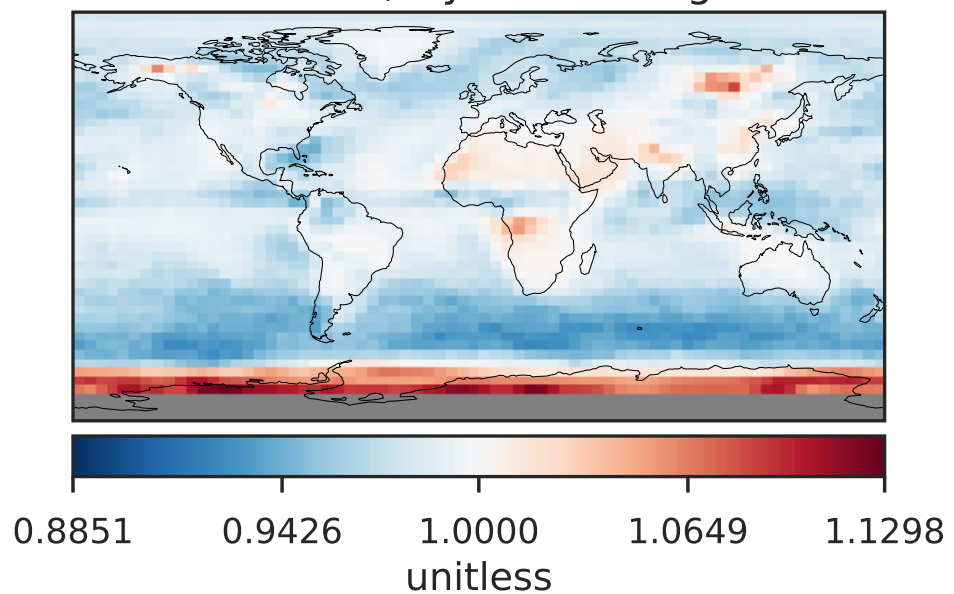
Difference
Dev - Ref, Dynamic Range



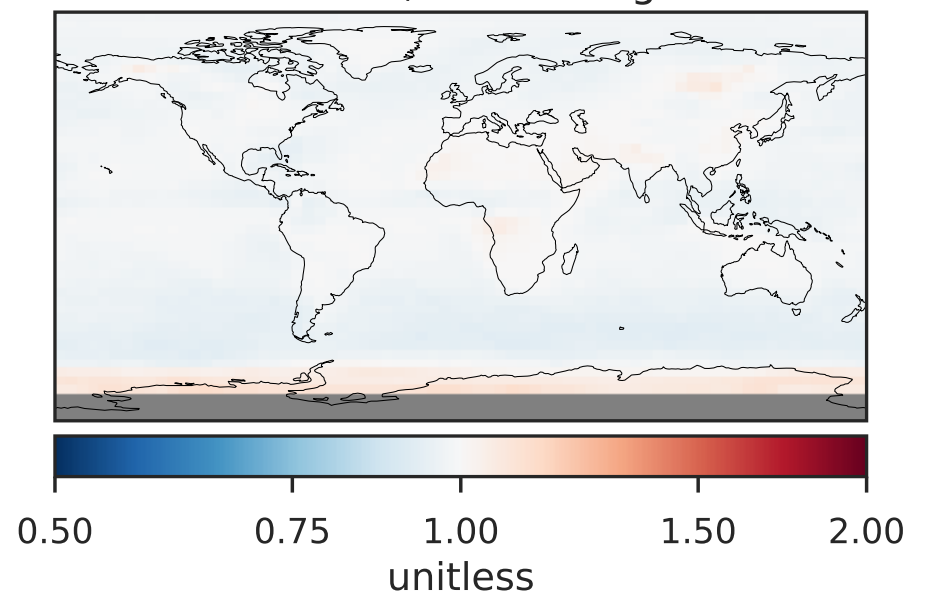
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

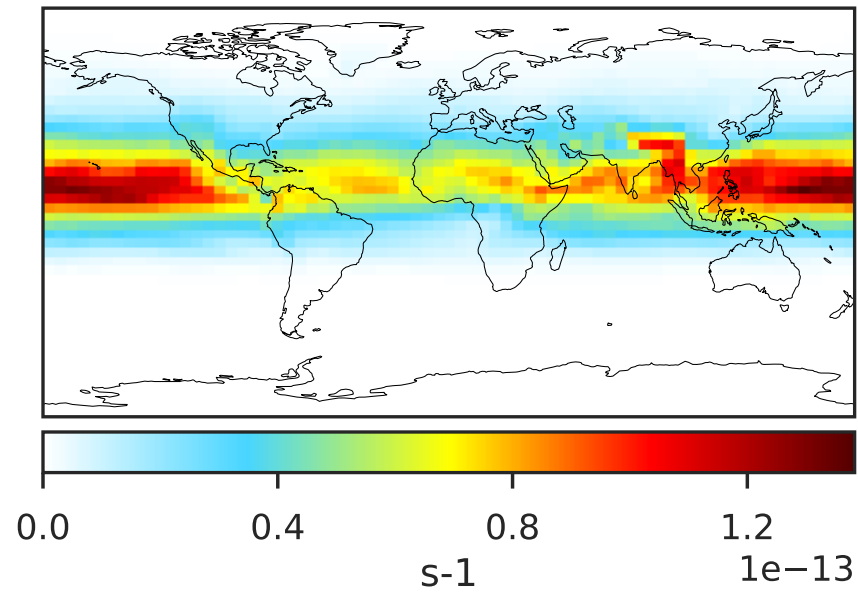


Ratio
Dev/Ref, Fixed Range

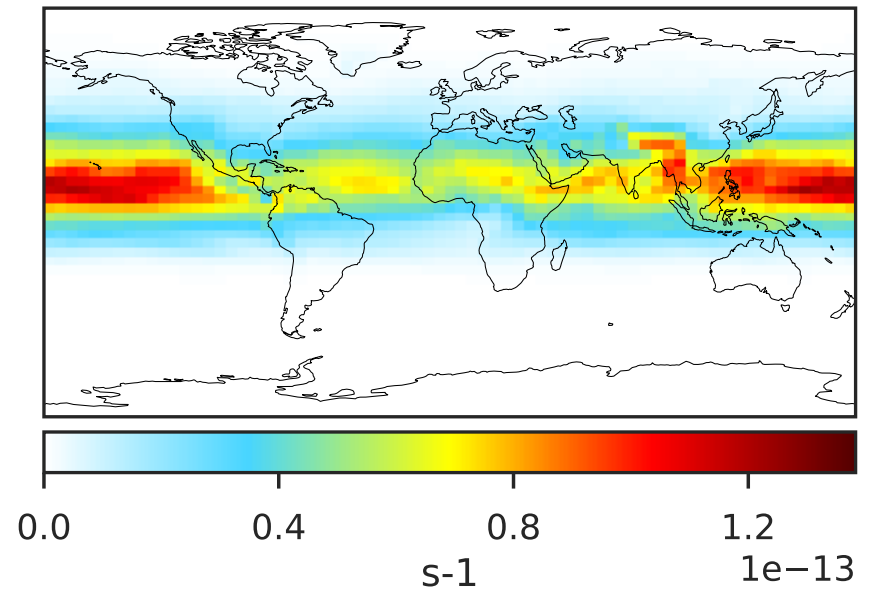


Jval_CH3Br (Jul2019)

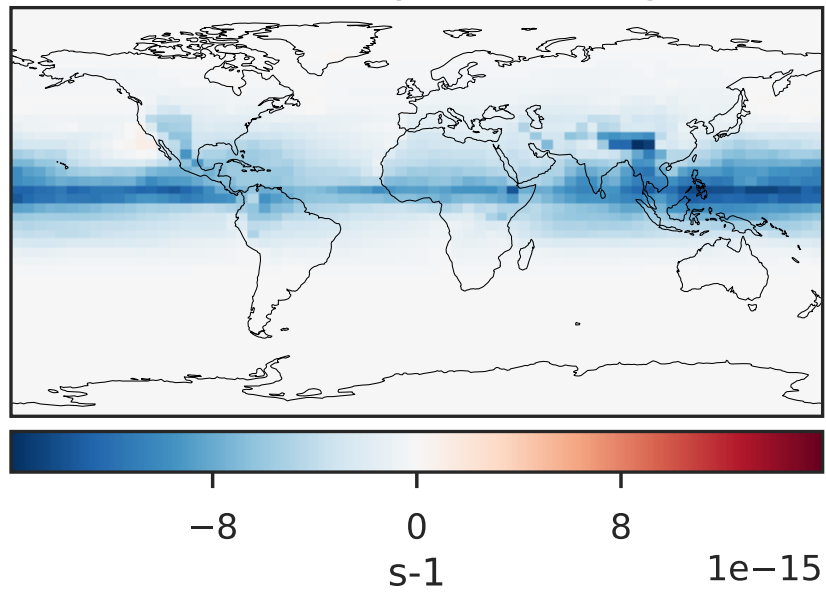
14.2.0-rc.2 (Ref)
4.0x5.0



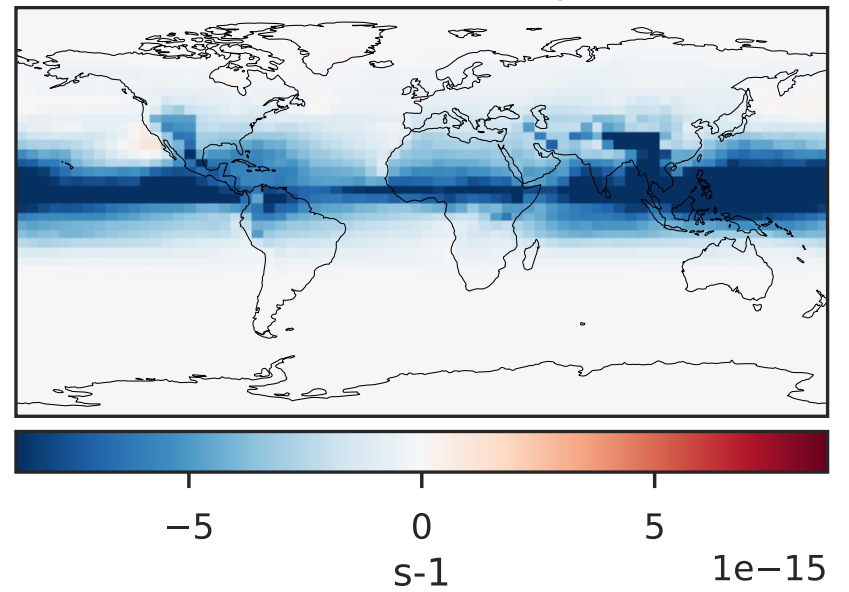
14.3.0-rc.0 (Dev)
4.0x5.0



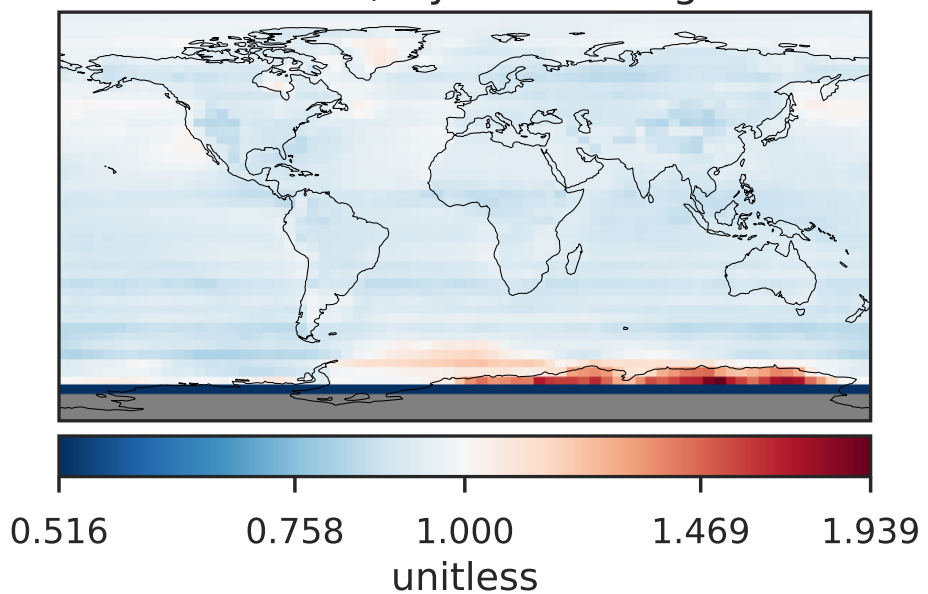
Difference
Dev - Ref, Dynamic Range



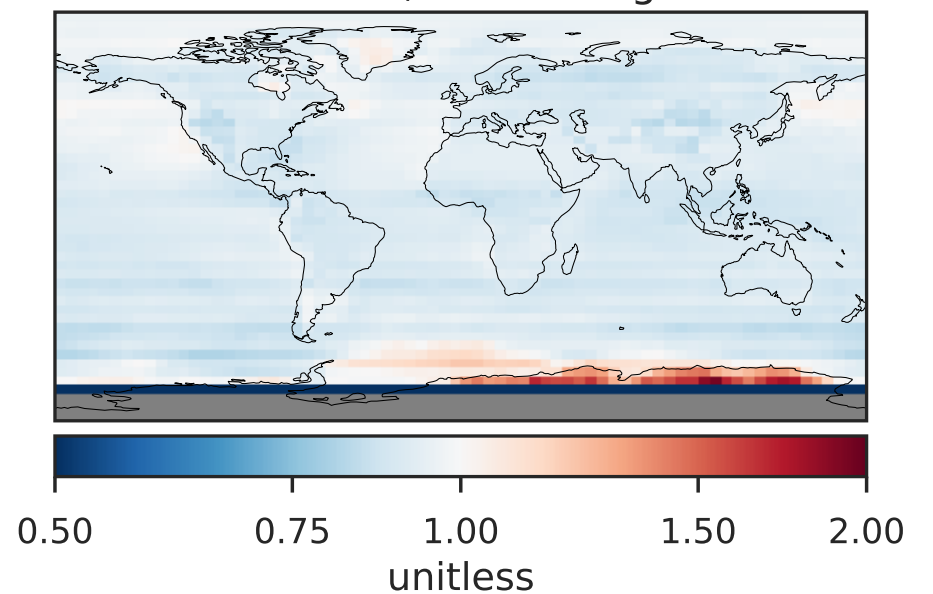
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

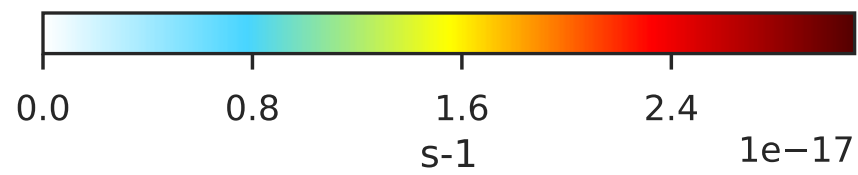
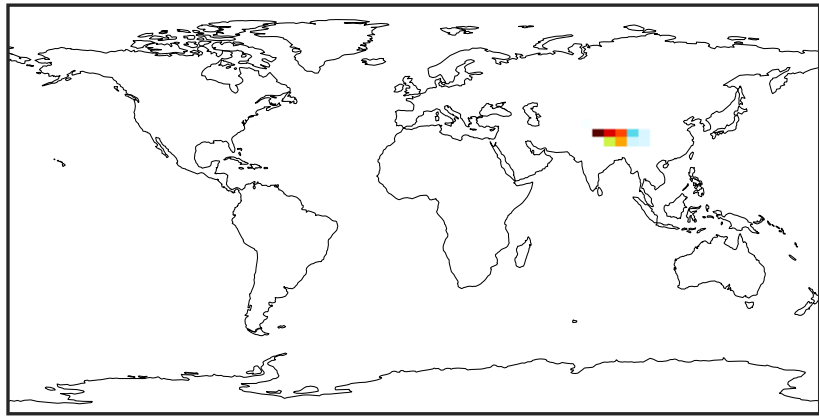


Ratio
Dev/Ref, Fixed Range

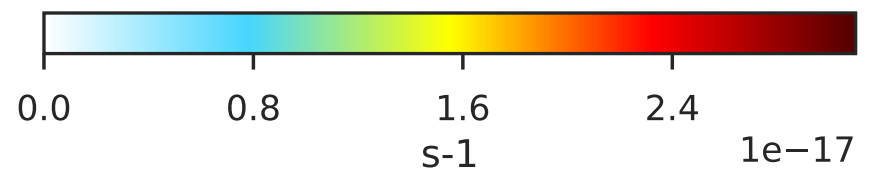
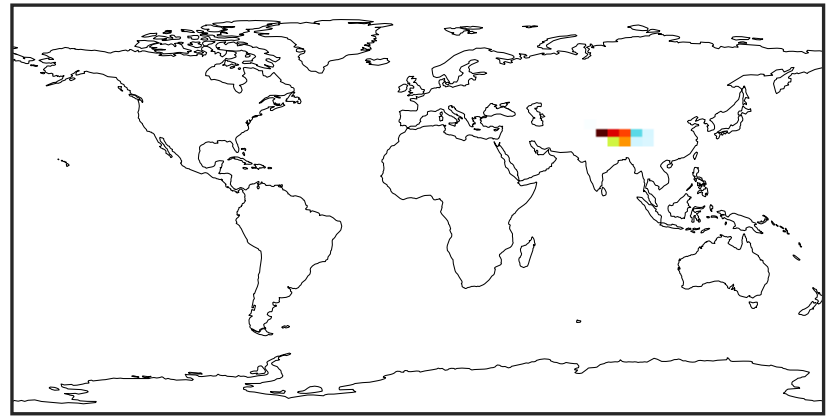


Jval_CH3CCI3 (Jul2019)

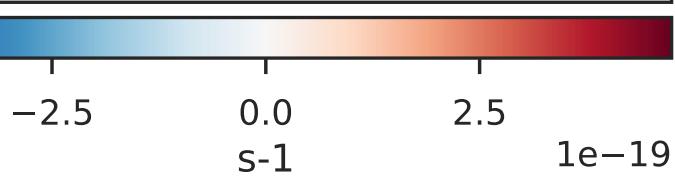
14.2.0-rc.2 (Ref)
4.0x5.0



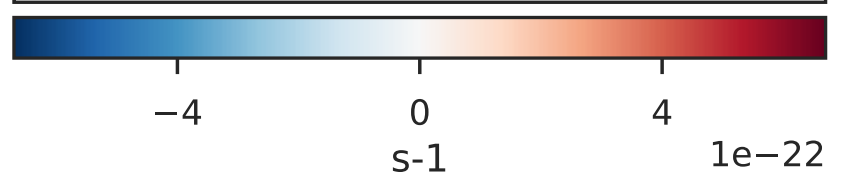
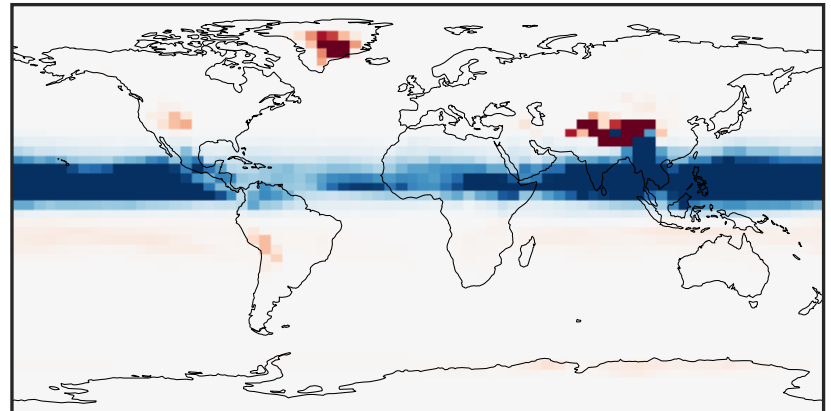
14.3.0-rc.0 (Dev)
4.0x5.0



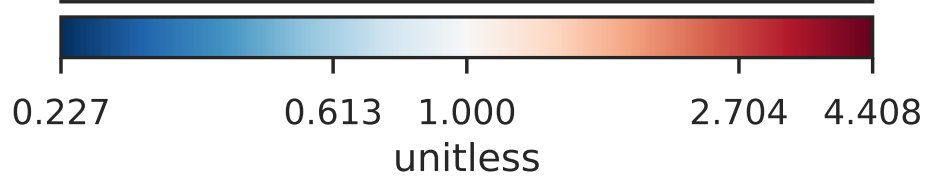
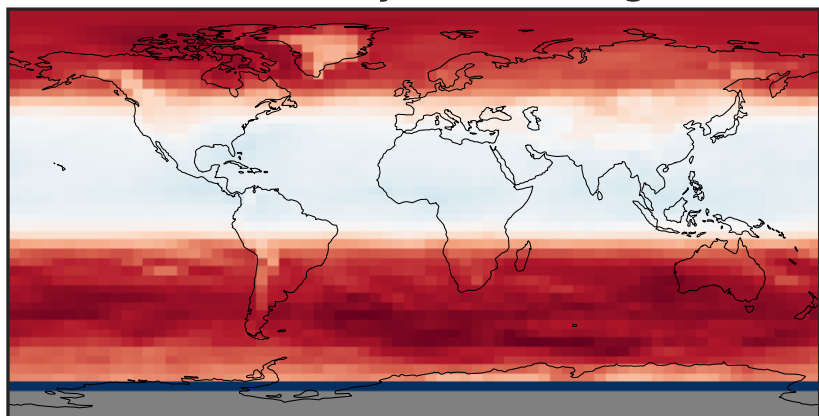
Difference
Dev - Ref, Dynamic Range



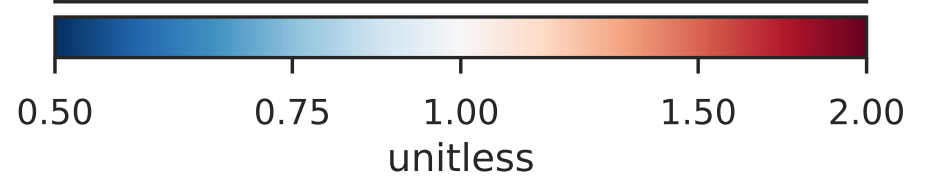
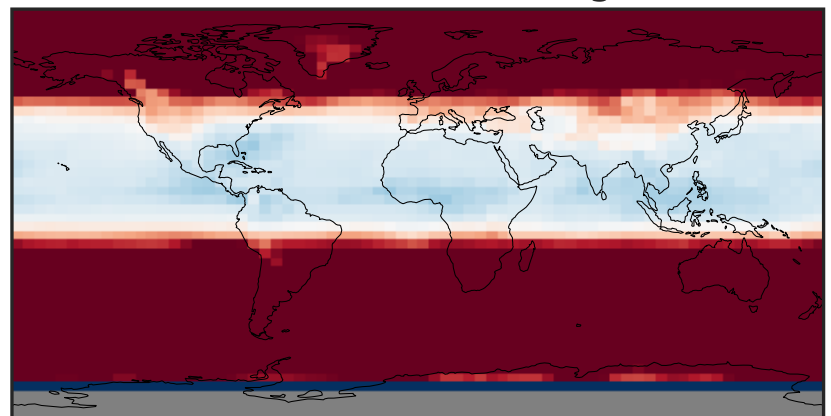
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

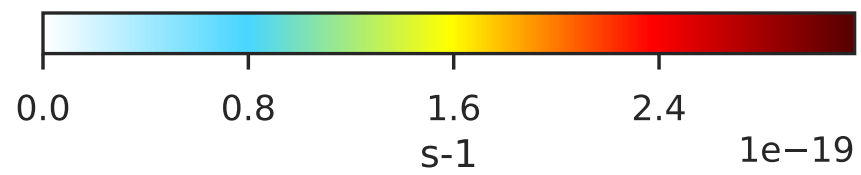
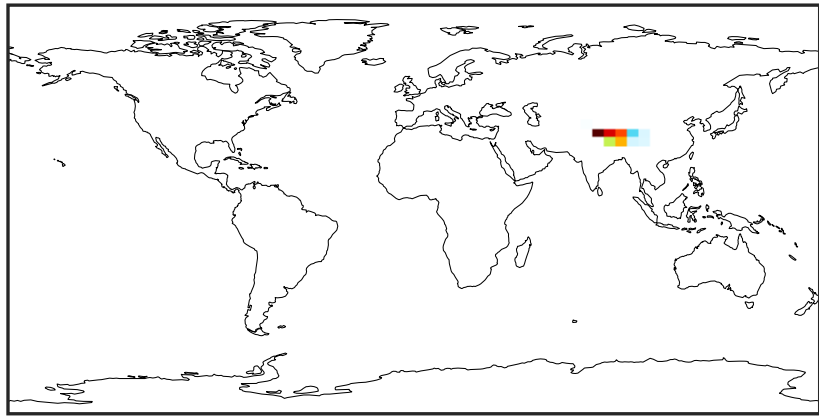


Ratio
Dev/Ref, Fixed Range

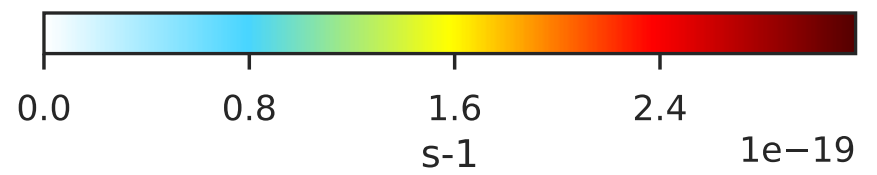
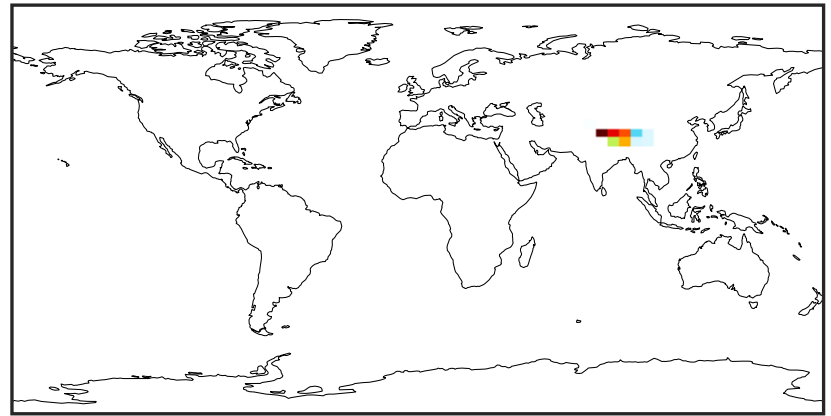


Jval_CH3Cl (Jul2019)

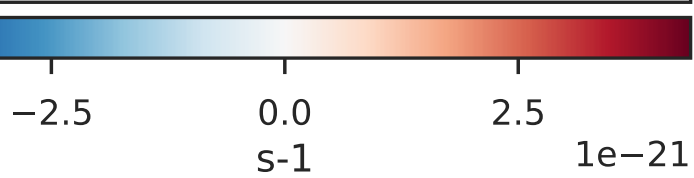
14.2.0-rc.2 (Ref)
4.0x5.0



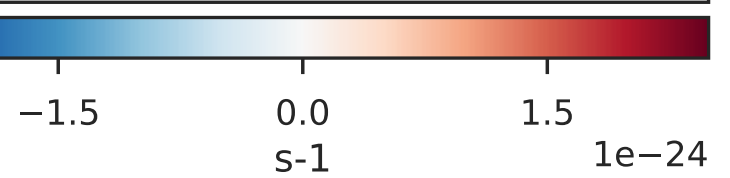
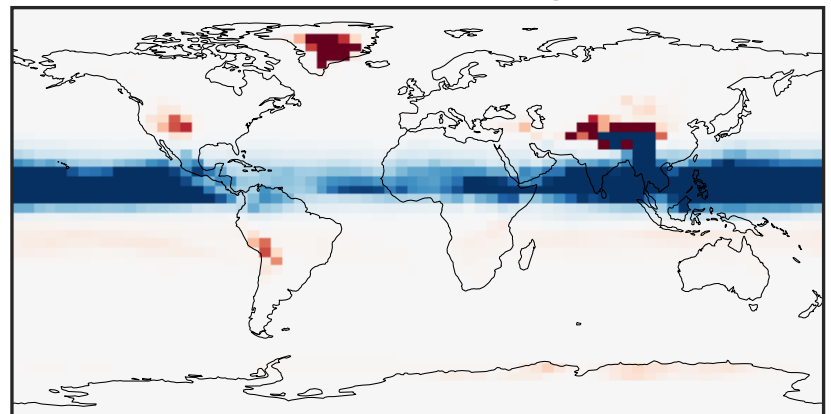
14.3.0-rc.0 (Dev)
4.0x5.0



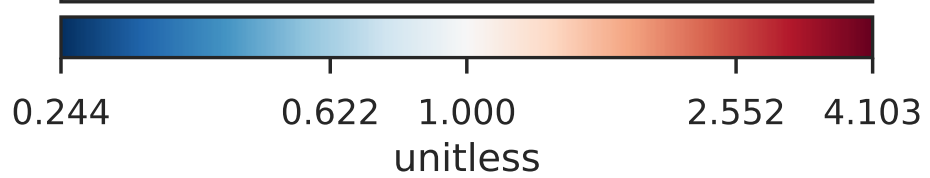
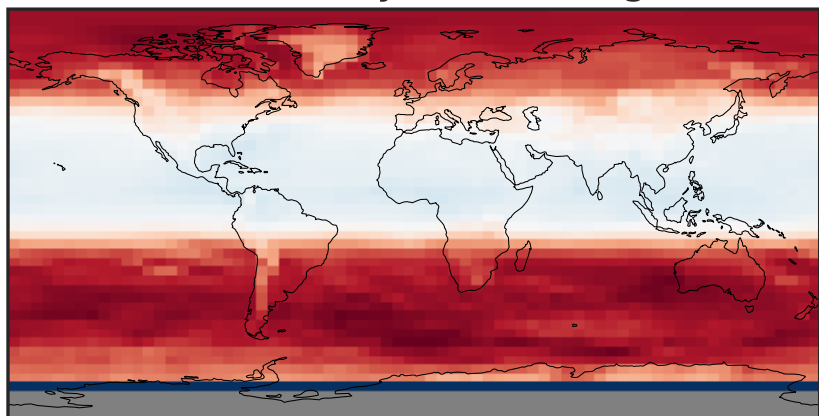
Difference
Dev - Ref, Dynamic Range



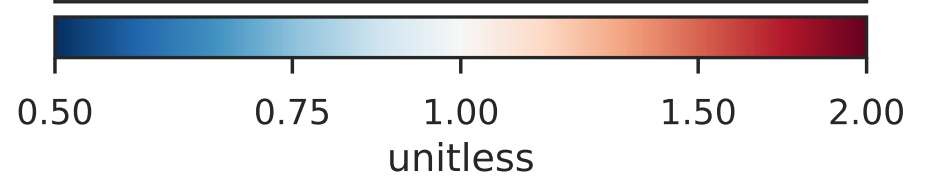
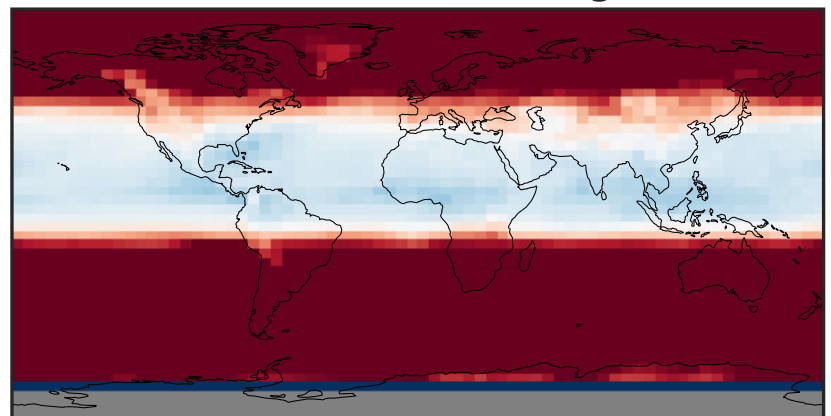
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

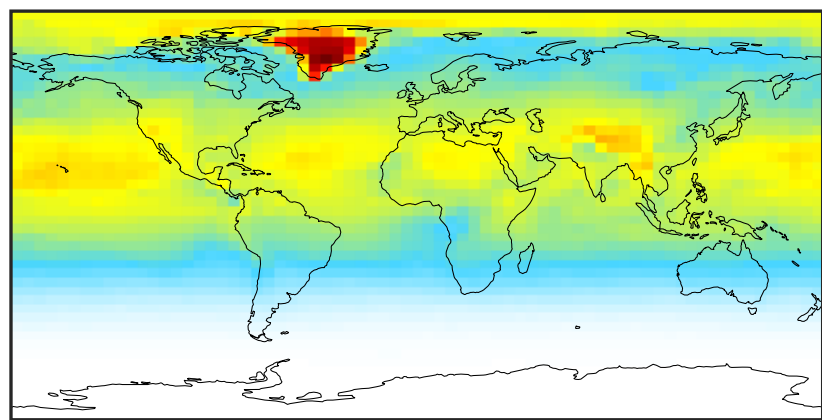


Ratio
Dev/Ref, Fixed Range



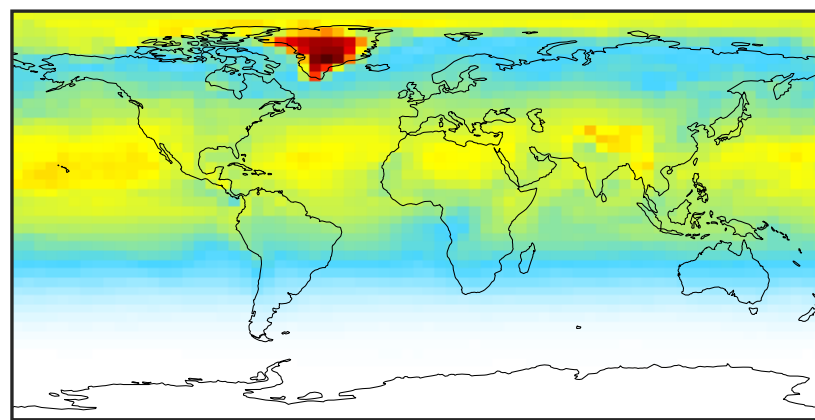
Jval_CH3I (Jul2019)

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



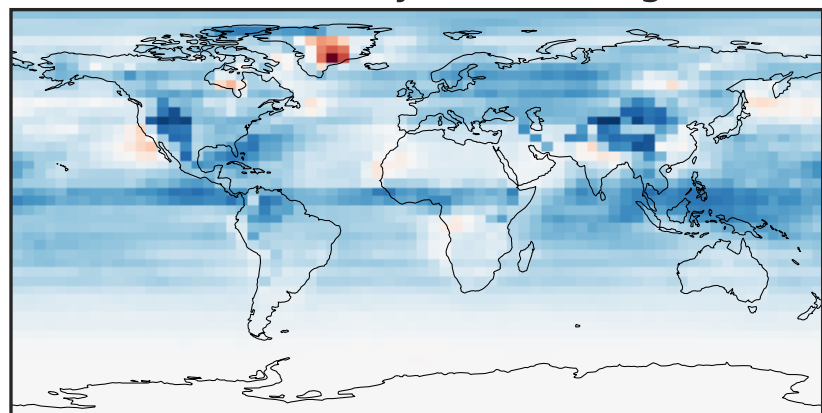
0.0 1.5 3.0 4.5
s-1 1e-6

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



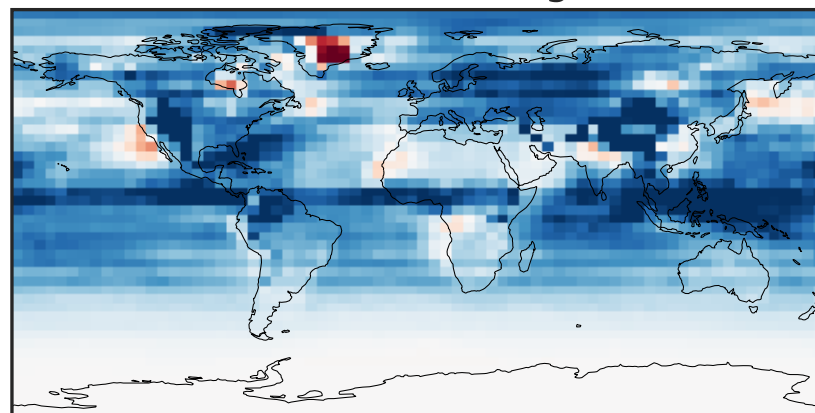
0.0 1.5 3.0 4.5
s-1 1e-6

Difference
Dev - Ref, Dynamic Range



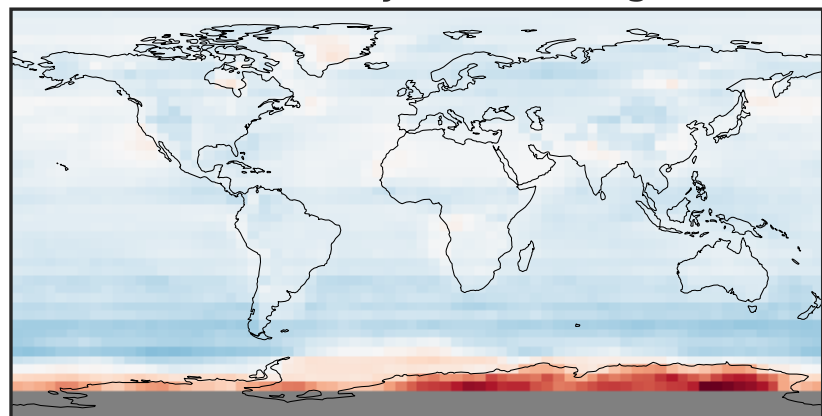
-1 0 1
s-1 1e-7

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



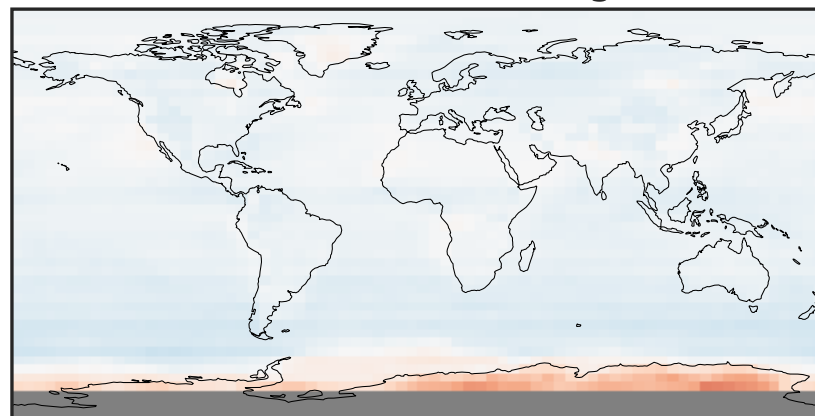
-6 0 6
s-1 1e-8

Ratio
Dev/Ref, Dynamic Range



0.7067 0.8534 1.0000 1.2075 1.4150
unitless

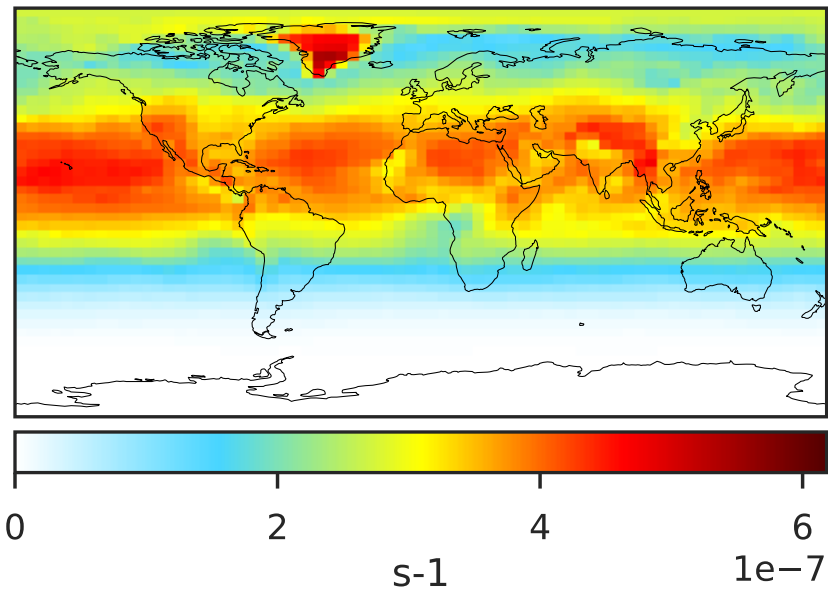
Ratio
Dev/Ref, Fixed Range



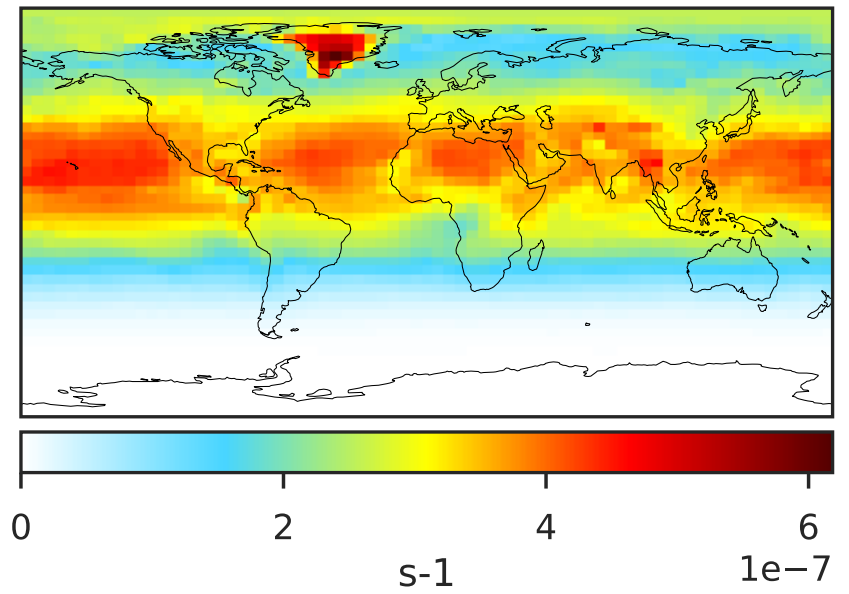
0.50 0.75 1.00 1.50 2.00
unitless

Jval_CHBr3 (Jul2019)

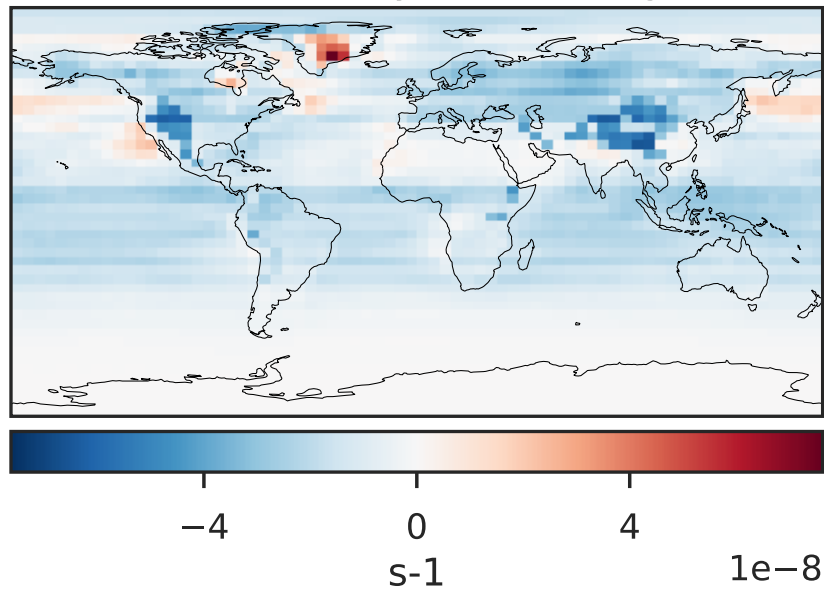
14.2.0-rc.2 (Ref)
4.0x5.0



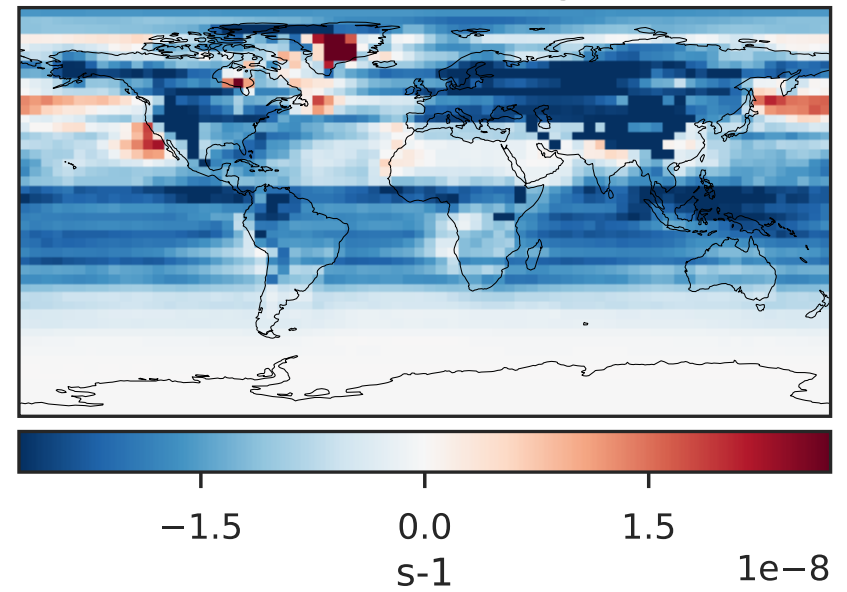
14.3.0-rc.0 (Dev)
4.0x5.0



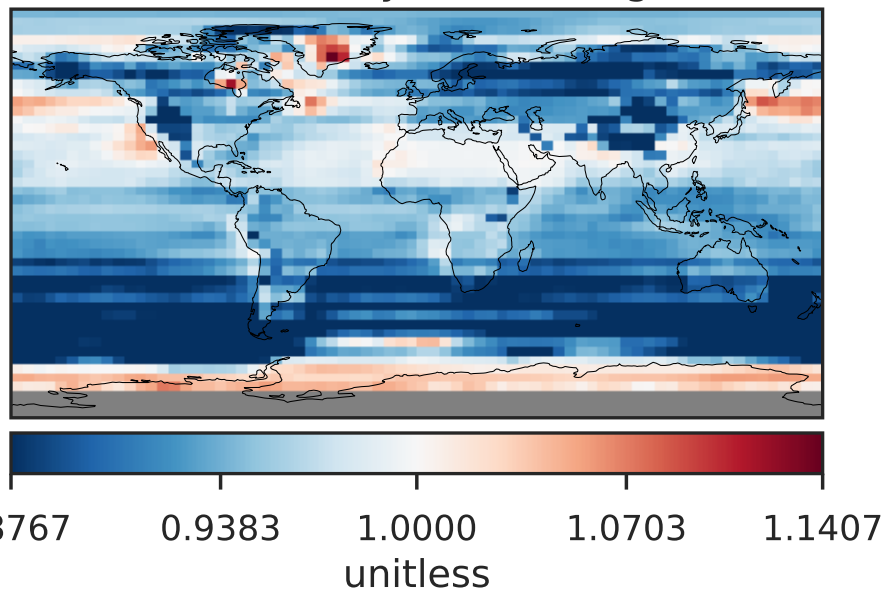
Difference
Dev - Ref, Dynamic Range



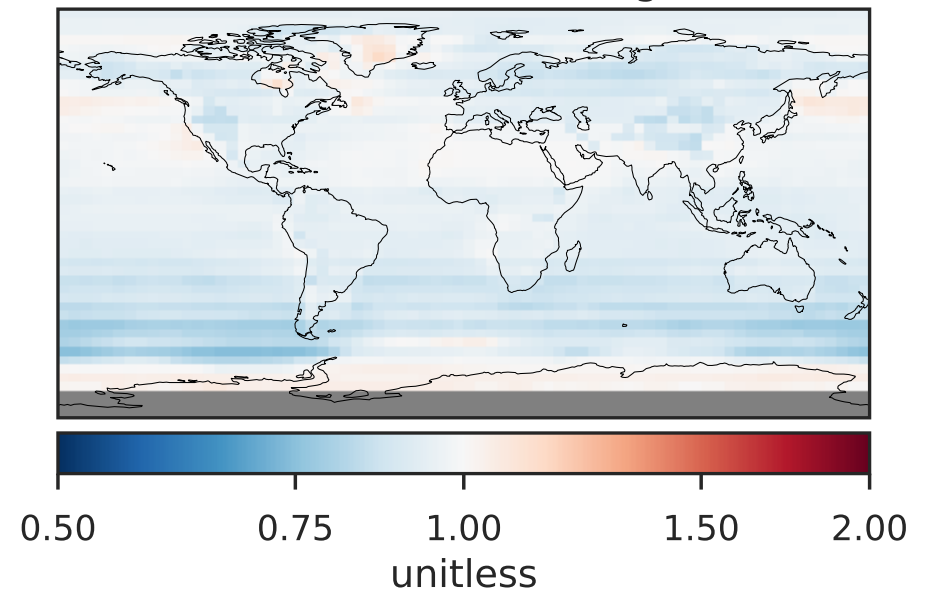
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

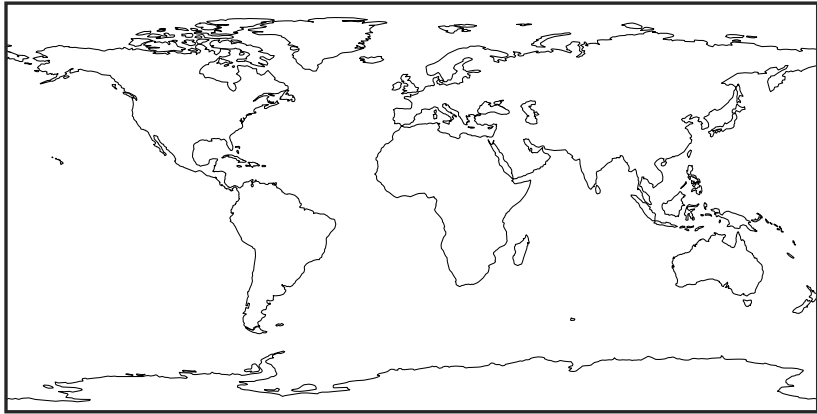


Ratio
Dev/Ref, Fixed Range



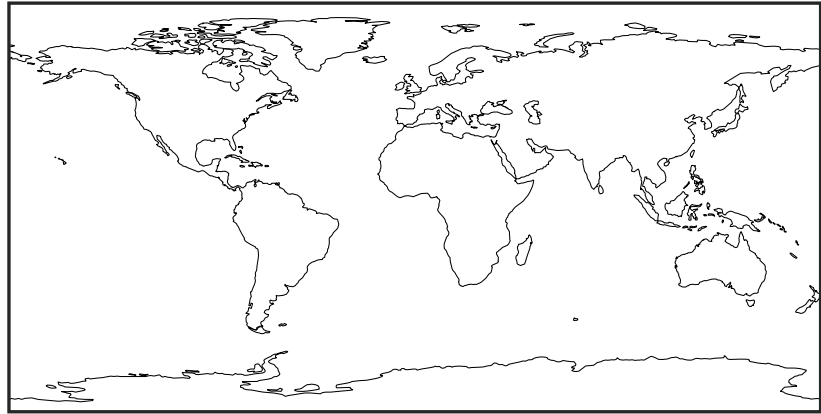
Jval_CHCl3 (Jul2019)

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



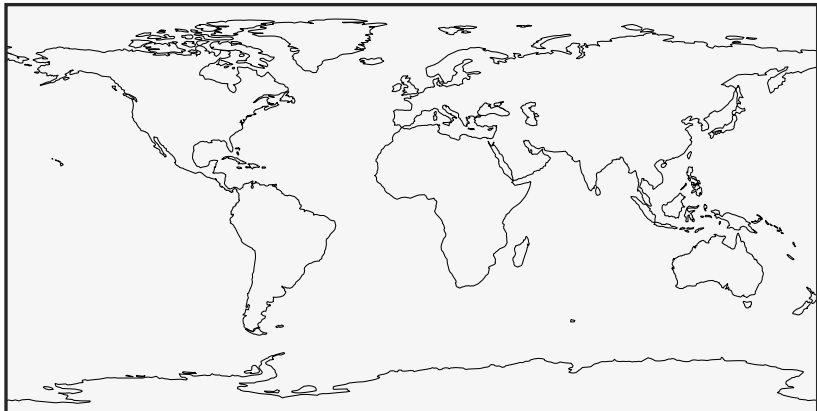
Zero throughput domain
s-1

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

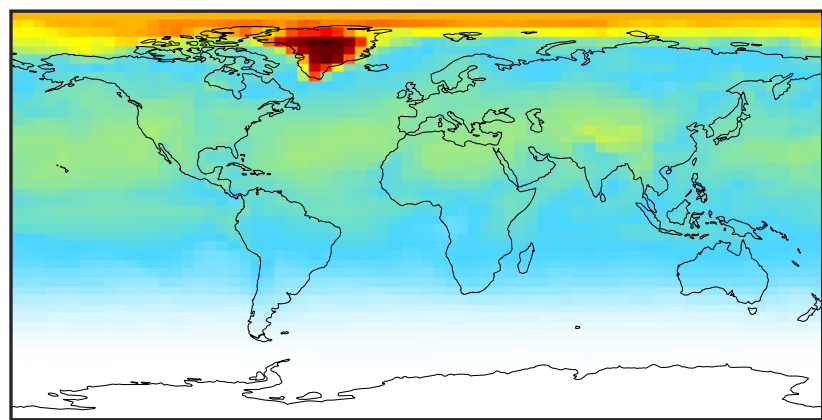
Ratio
Dev/Ref, Fixed Range



Undefined throughput domain
unitless

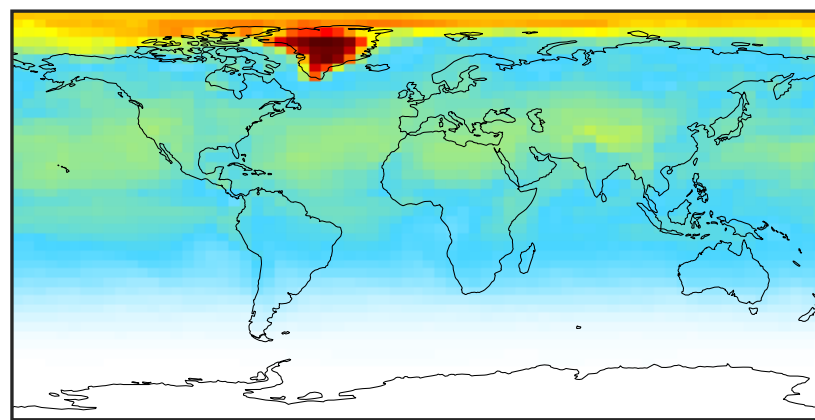
Jval_CI2 (Jul2019)

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



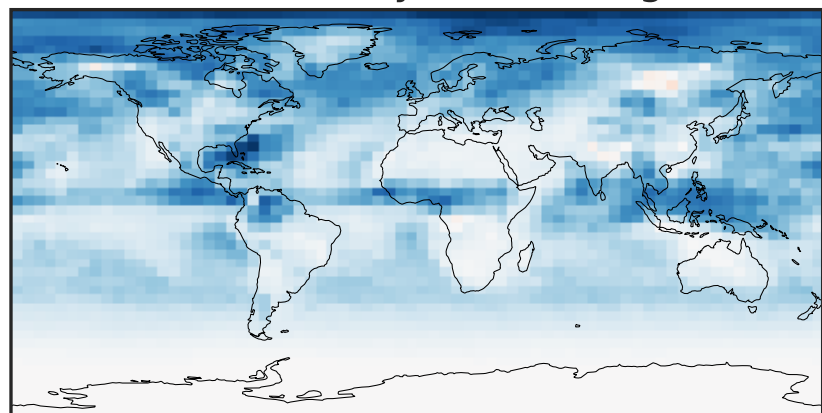
0.0000 0.0008 0.0016 0.0024
s-1

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



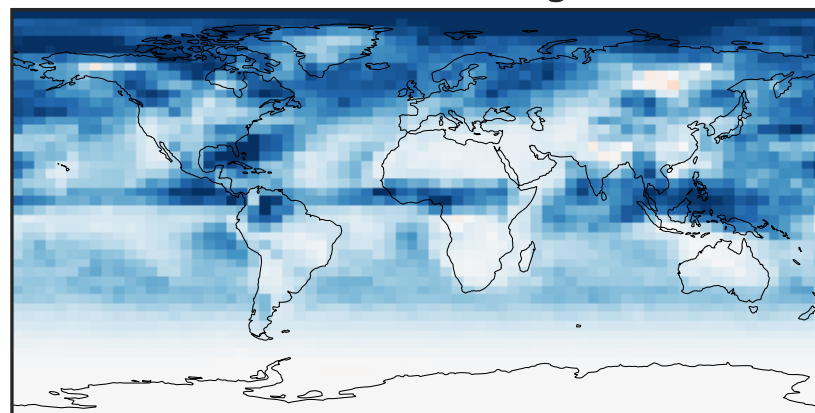
0.0000 0.0008 0.0016 0.0024
s-1

Difference
Dev - Ref, Dynamic Range



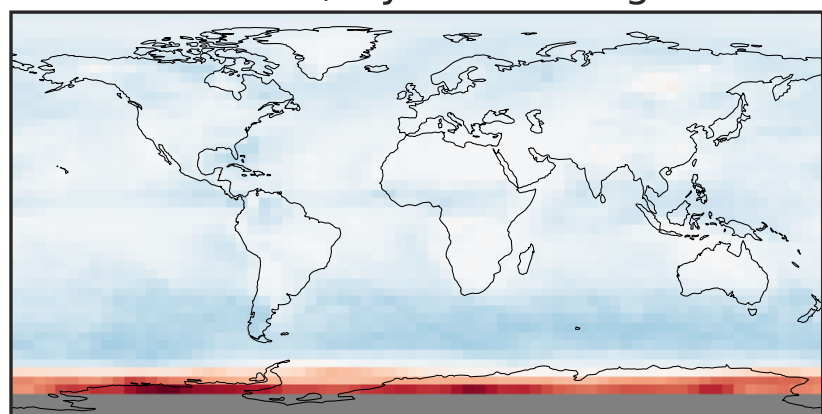
-2.5 0.0 2.5
s-1 1e-5

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



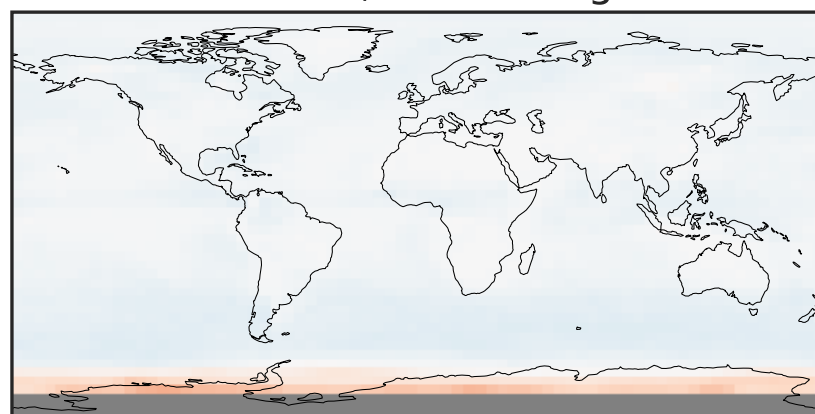
-2 0 2
s-1 1e-5

Ratio
Dev/Ref, Dynamic Range



0.7772 0.8886 1.0000 1.1433 1.2867
unitless

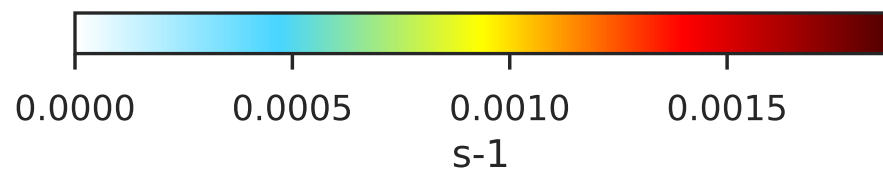
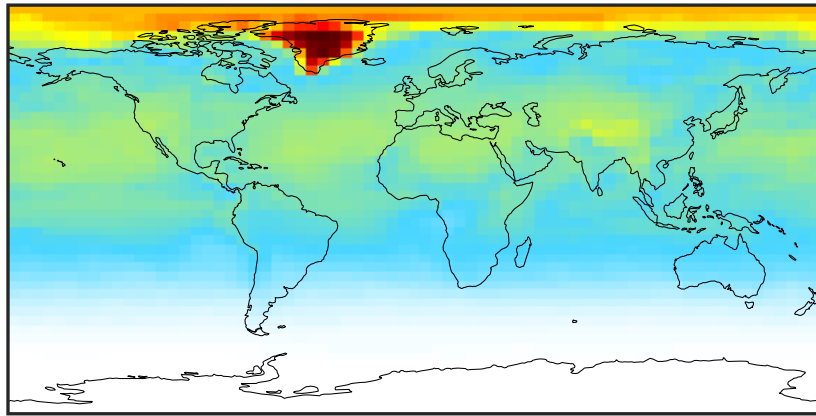
Ratio
Dev/Ref, Fixed Range



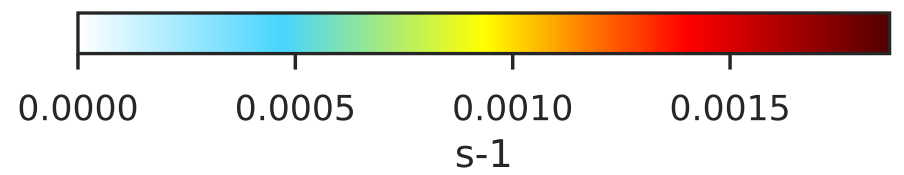
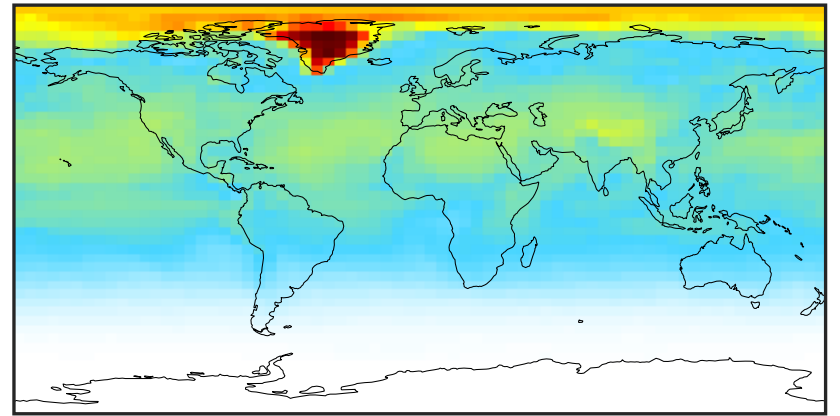
0.50 0.75 1.00 1.50 2.00
unitless

Jval_CI202 (Jul2019)

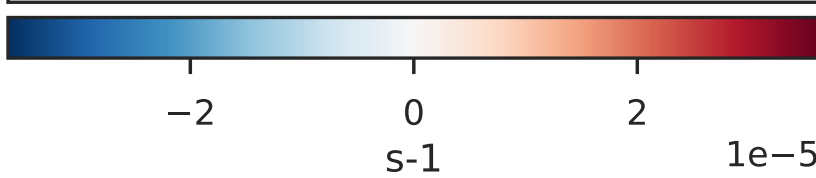
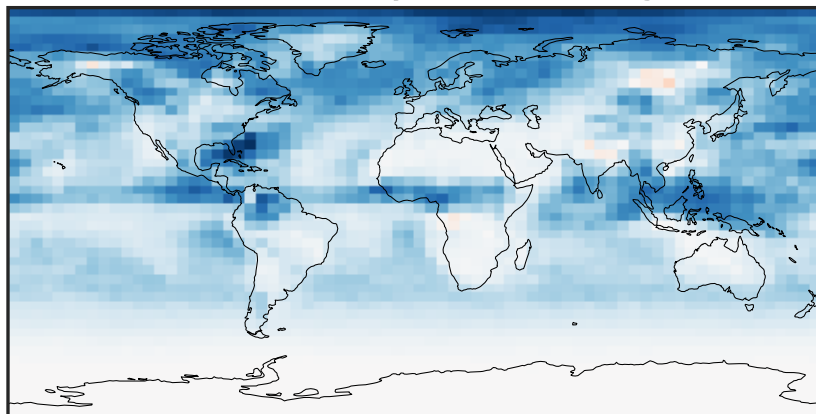
14.2.0-rc.2 (Ref)
4.0x5.0



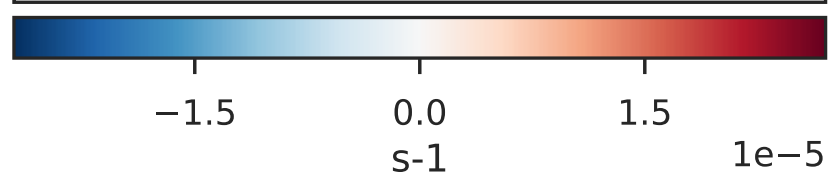
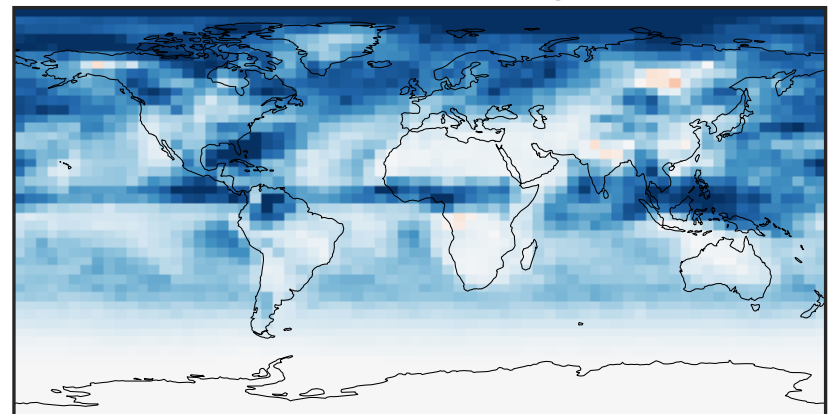
14.3.0-rc.0 (Dev)
4.0x5.0



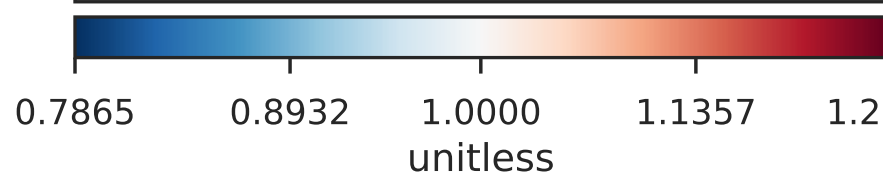
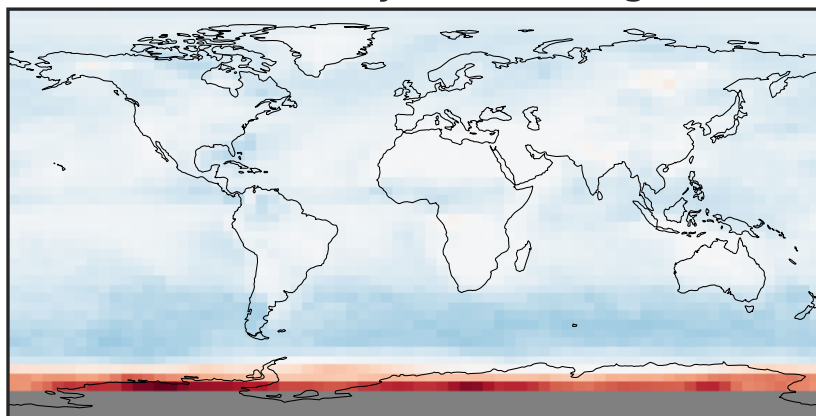
Difference
Dev - Ref, Dynamic Range



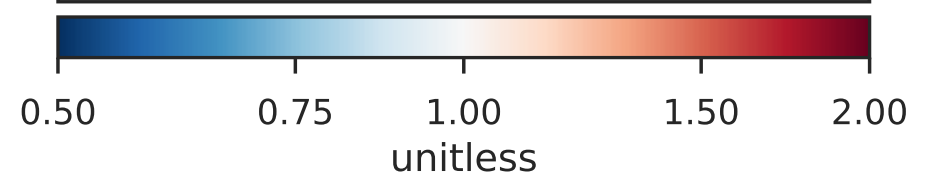
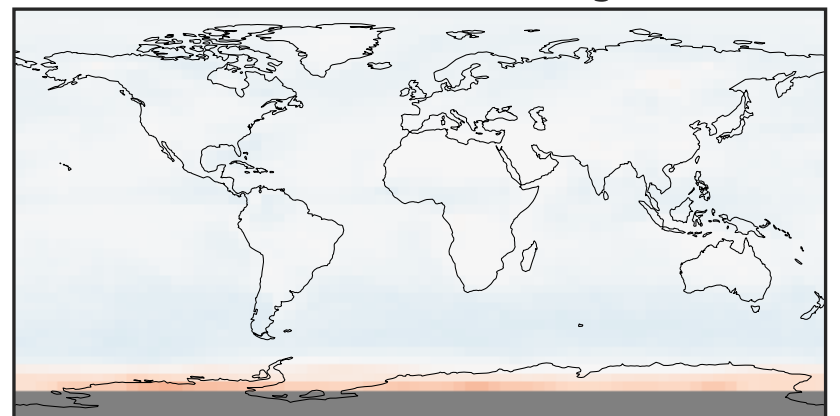
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

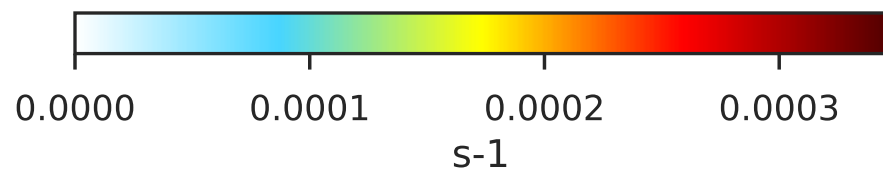
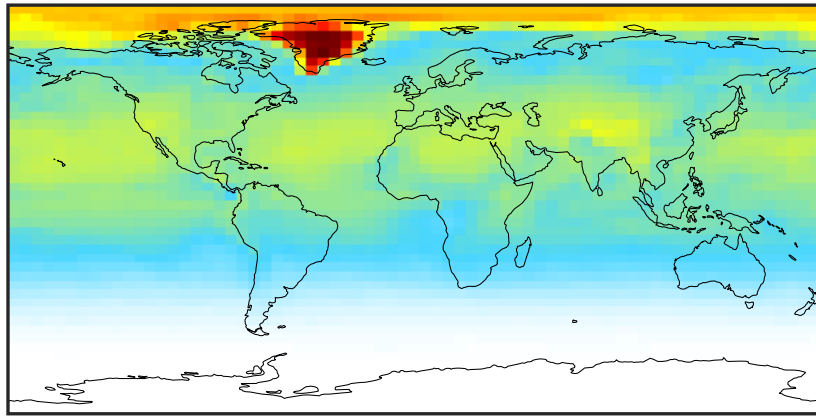


Ratio
Dev/Ref, Fixed Range

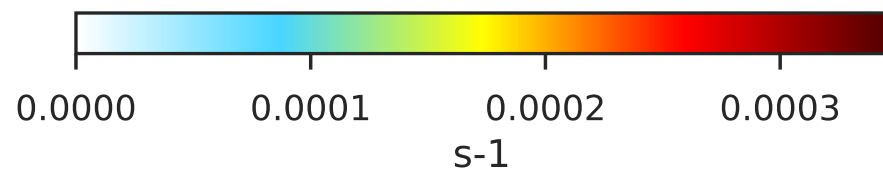
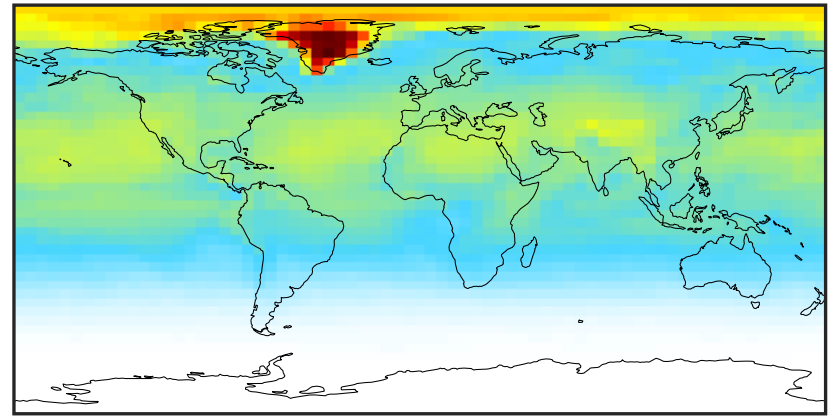


Jval_CINO2 (Jul2019)

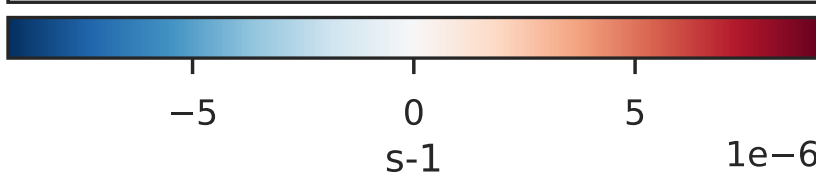
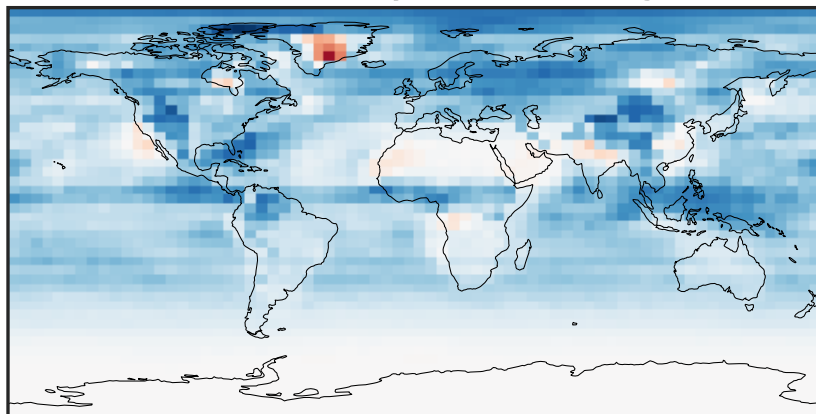
14.2.0-rc.2 (Ref)
4.0x5.0



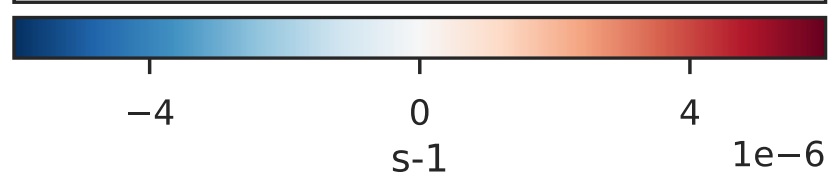
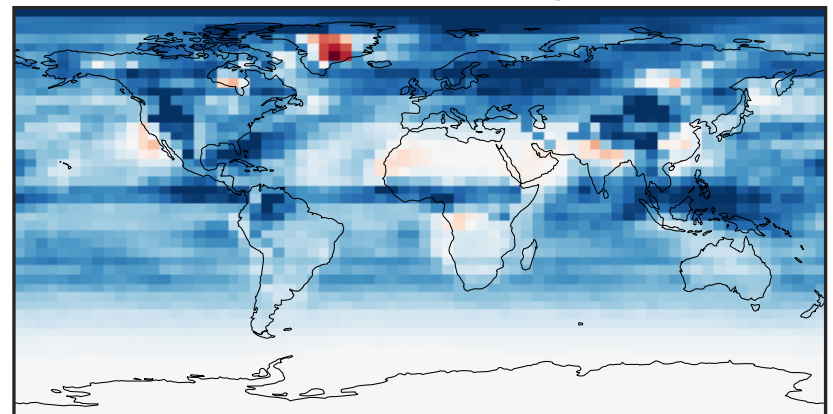
14.3.0-rc.0 (Dev)
4.0x5.0



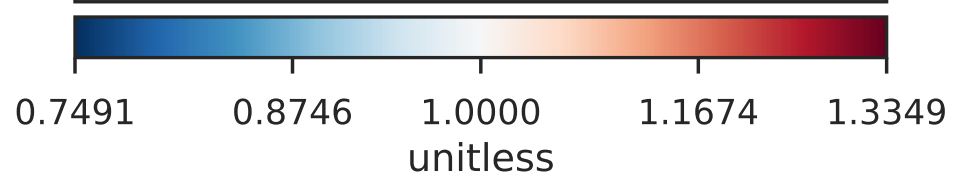
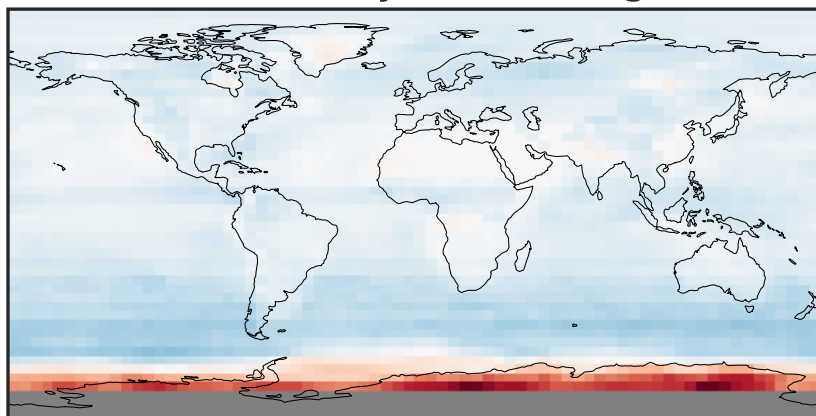
Difference
Dev - Ref, Dynamic Range



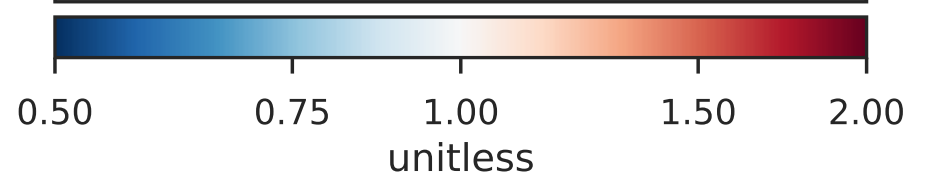
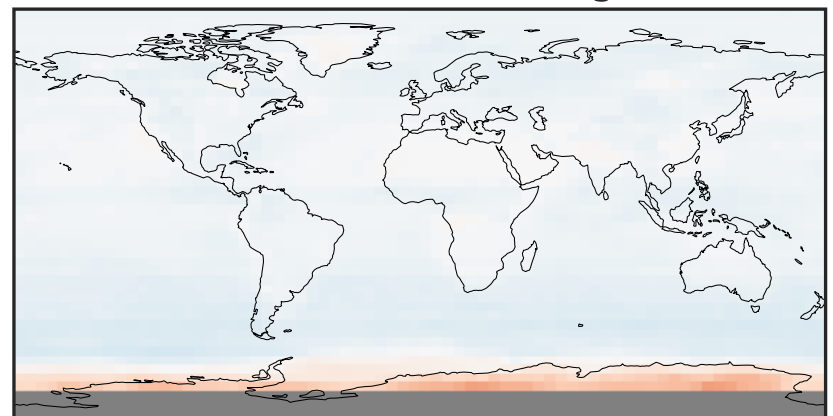
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

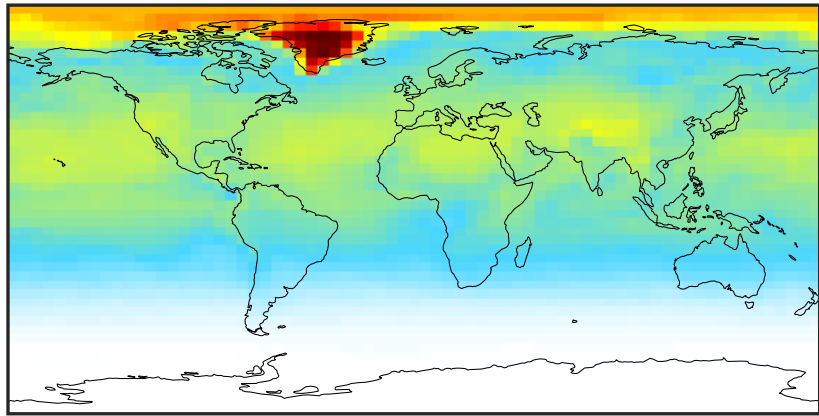


Ratio
Dev/Ref, Fixed Range



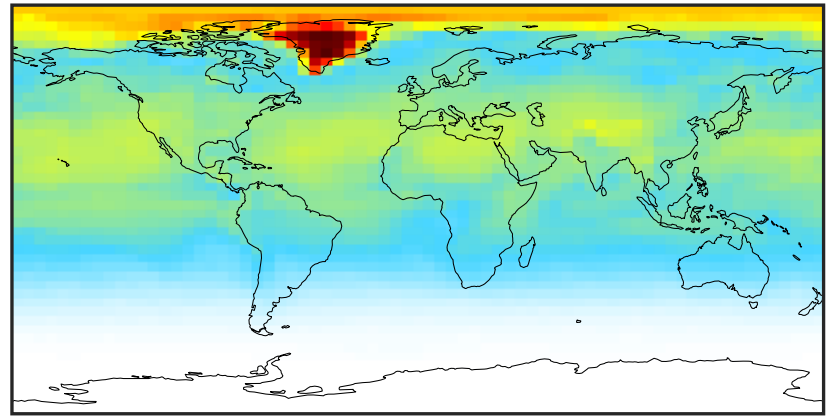
Jval_CINO3 (Jul2019)

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



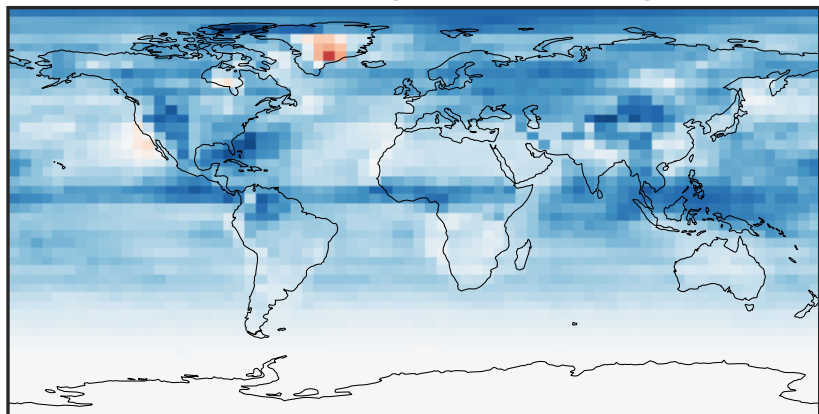
0.0 1.5 3.0 4.5
s-1 $1e-5$

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



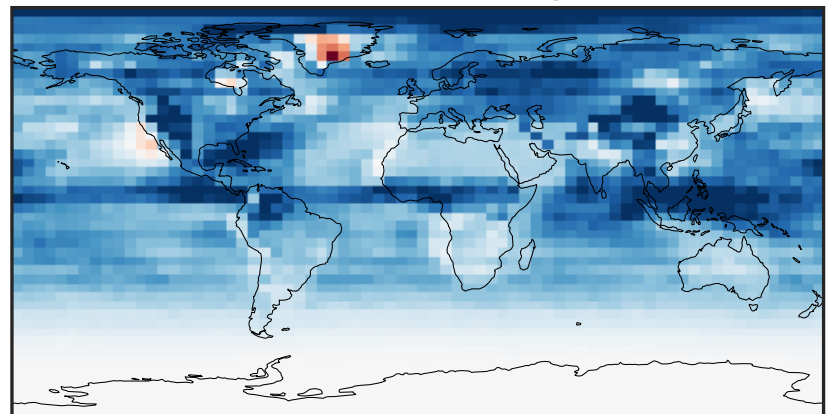
0.0 1.5 3.0 4.5
s-1 $1e-5$

Difference
Dev - Ref, Dynamic Range



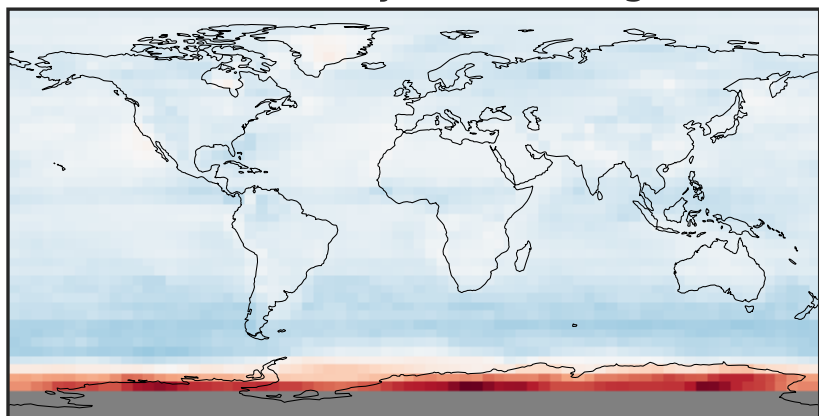
-8 0 8
s-1 $1e-7$

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



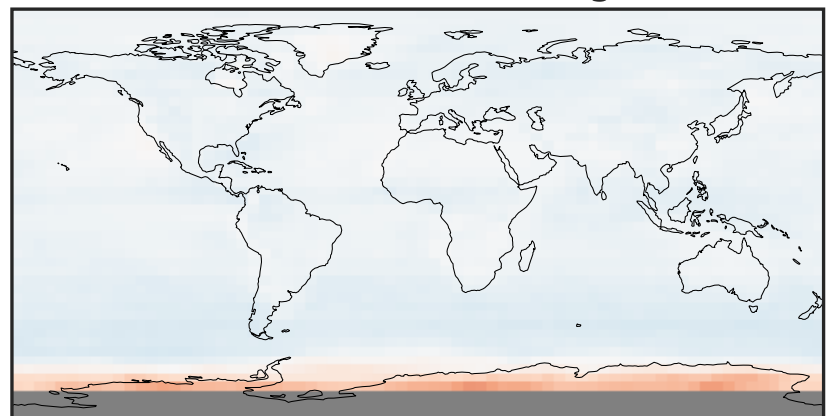
-5 0 5
s-1 $1e-7$

Ratio
Dev/Ref, Dynamic Range



0.7357 0.8678 1.0000 1.1796 1.3593
unitless

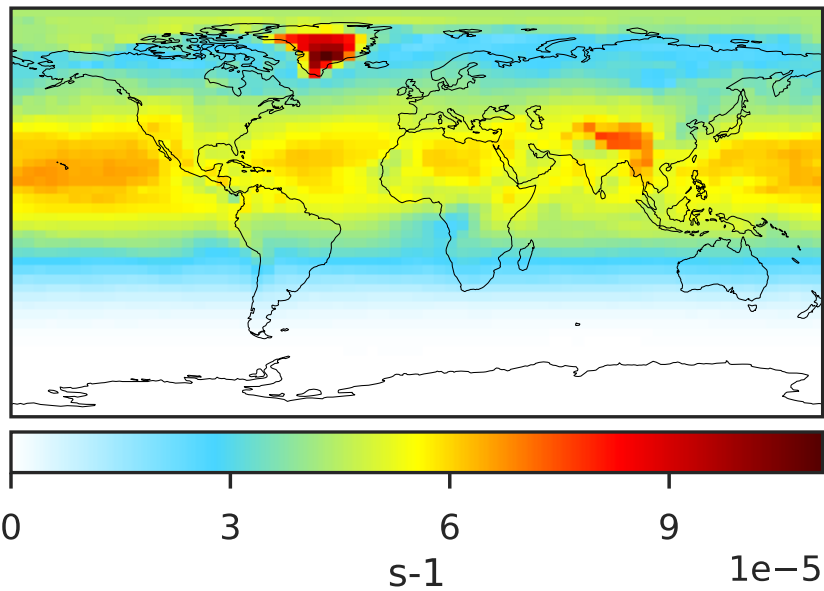
Ratio
Dev/Ref, Fixed Range



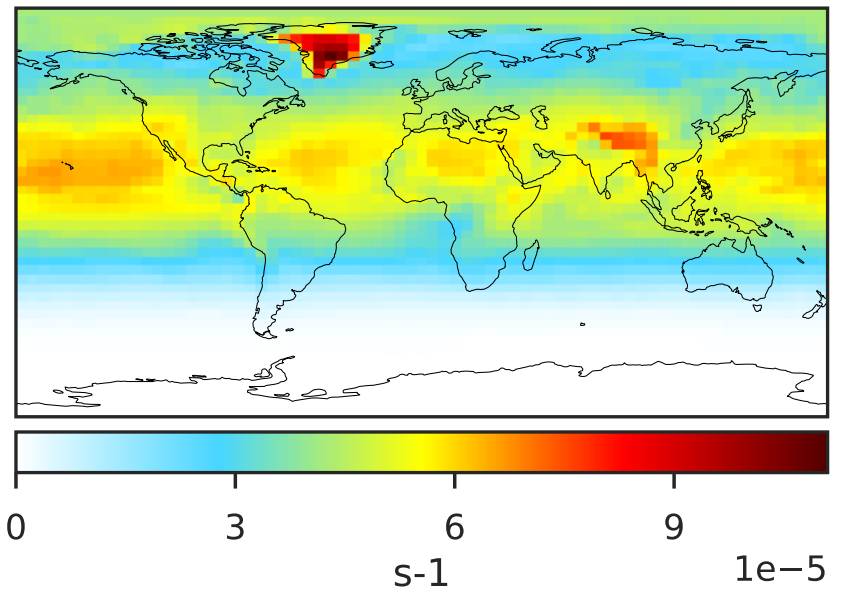
0.50 0.75 1.00 1.50 2.00
unitless

Jval_CIO (Jul2019)

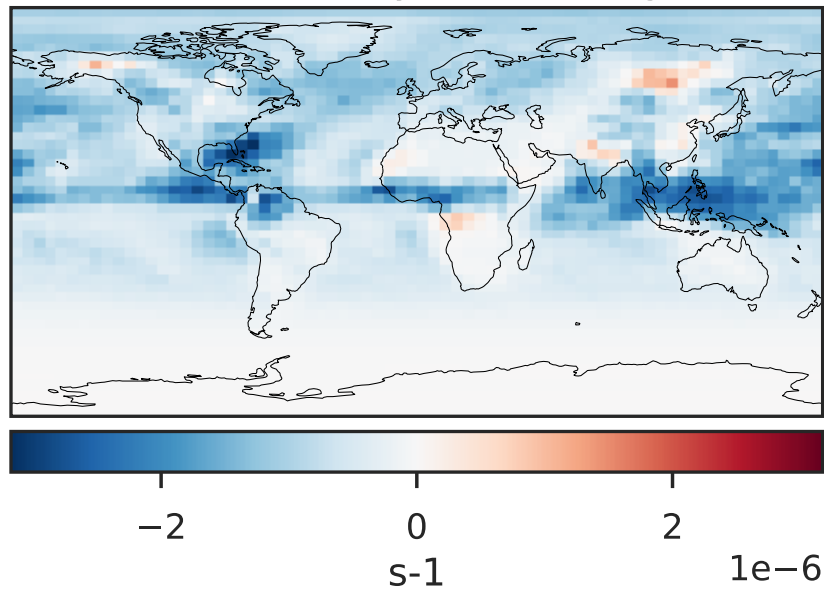
14.2.0-rc.2 (Ref)
4.0x5.0



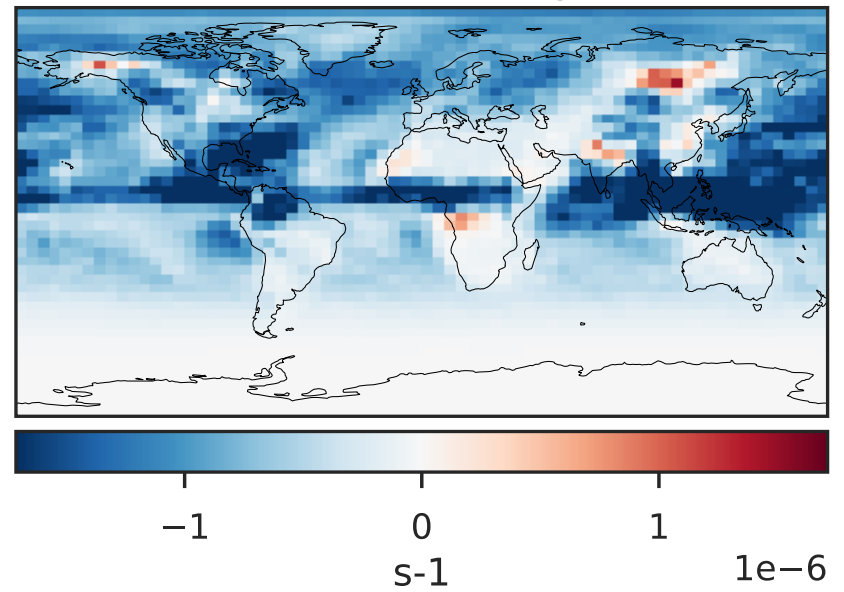
14.3.0-rc.0 (Dev)
4.0x5.0



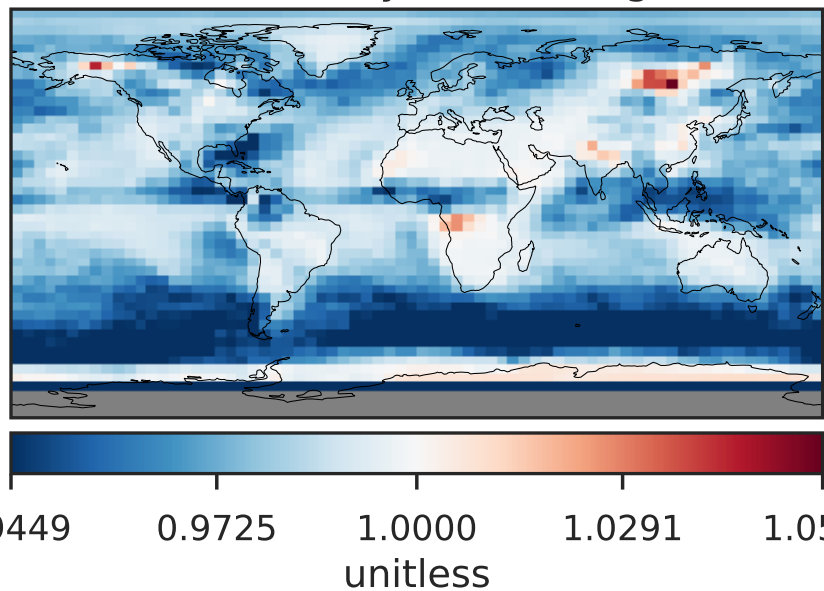
Difference
Dev - Ref, Dynamic Range



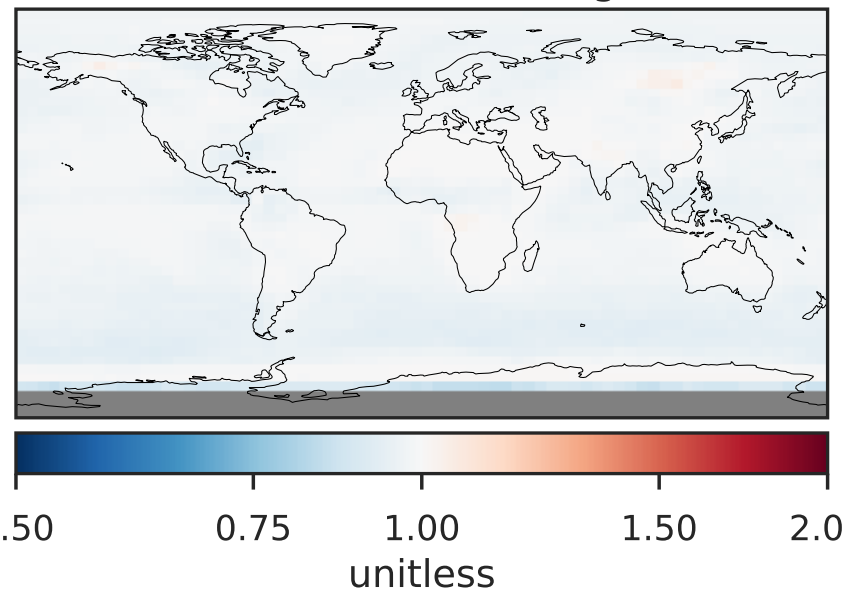
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

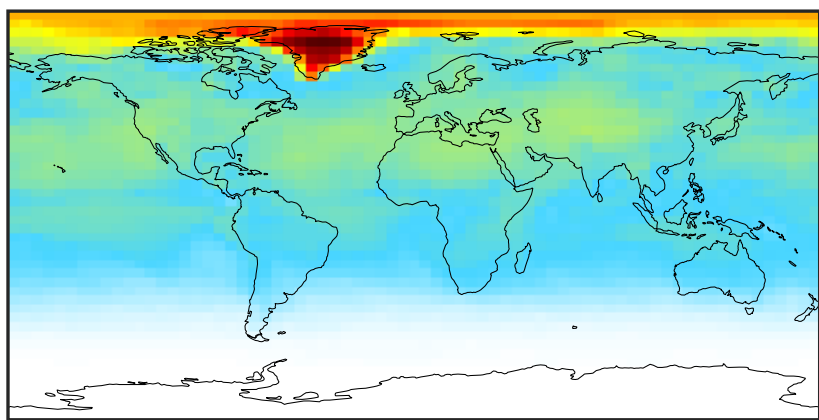


Ratio
Dev/Ref, Fixed Range



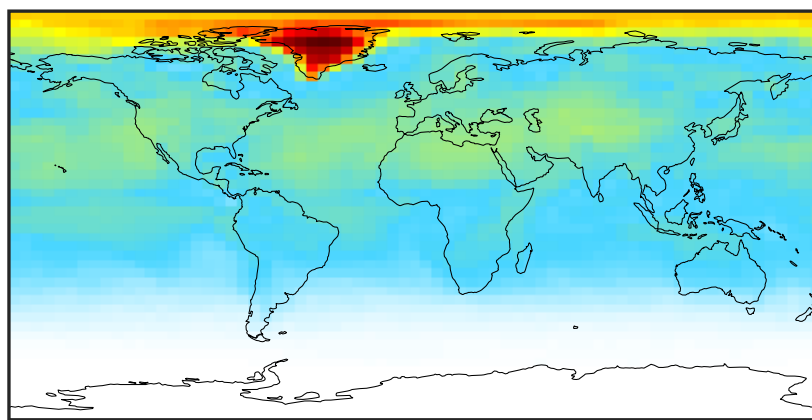
Jval_C100 (Jul2019)

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



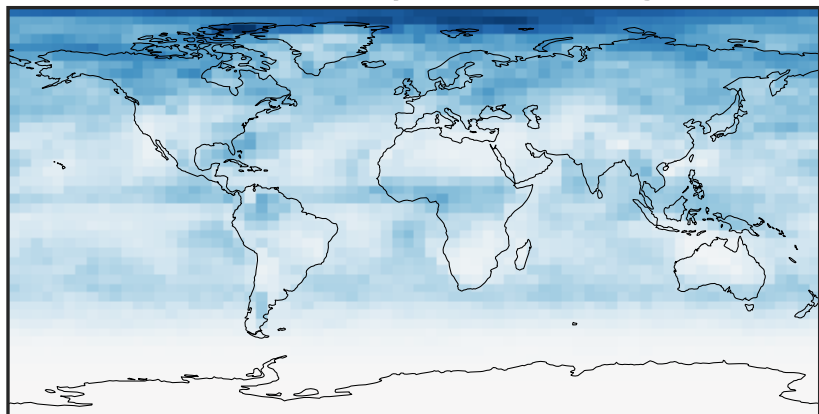
0.0000 0.1645 0.3290 0.4935 0.6579
s-1

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



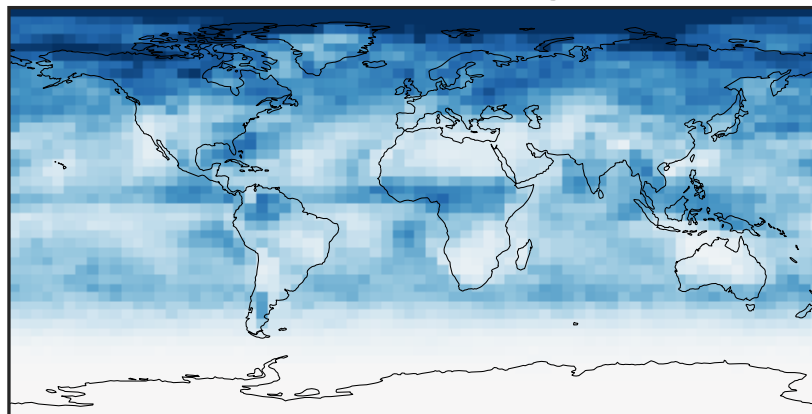
0.0000 0.1645 0.3290 0.4935 0.6579
s-1

Difference
Dev - Ref, Dynamic Range



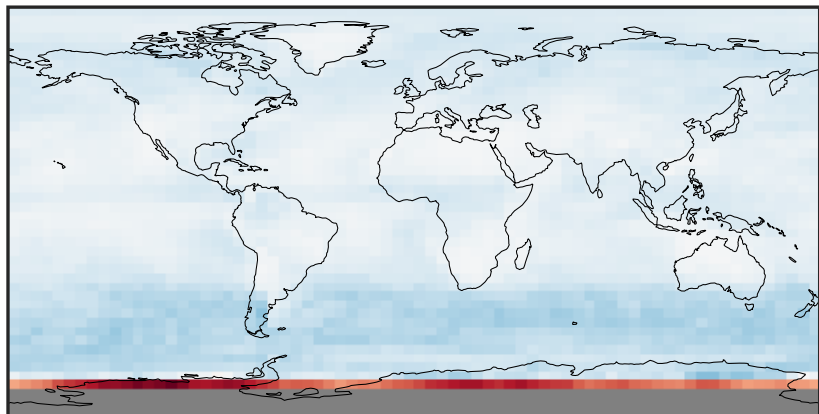
-0.015 0.000 0.015
s-1

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



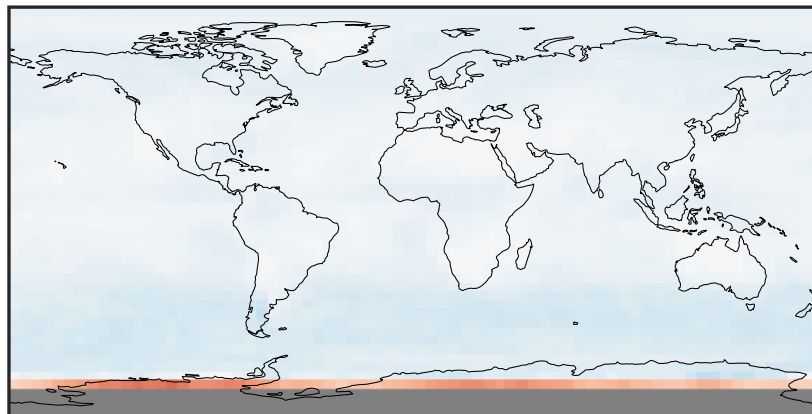
-0.01 0.00 0.01
s-1

Ratio
Dev/Ref, Dynamic Range



0.6795 0.8398 1.0000 1.2358 1.4717
unitless

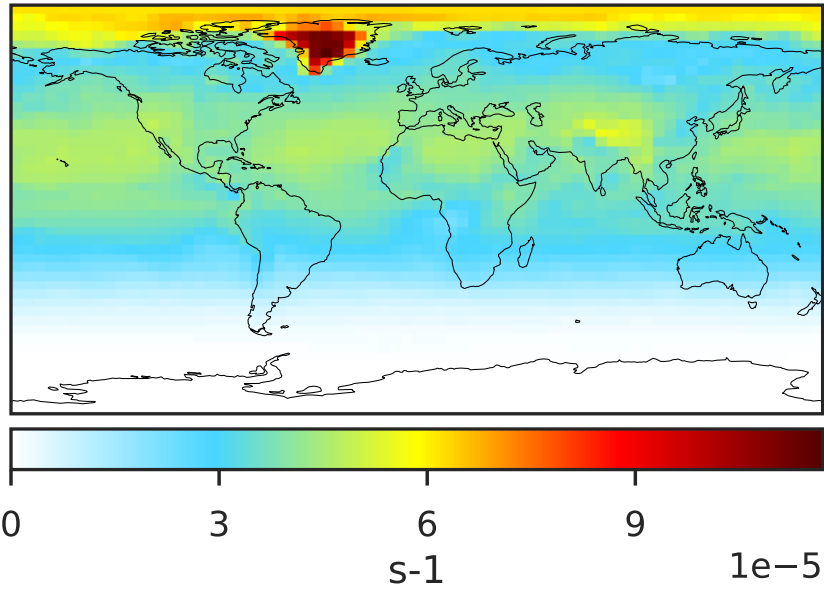
Ratio
Dev/Ref, Fixed Range



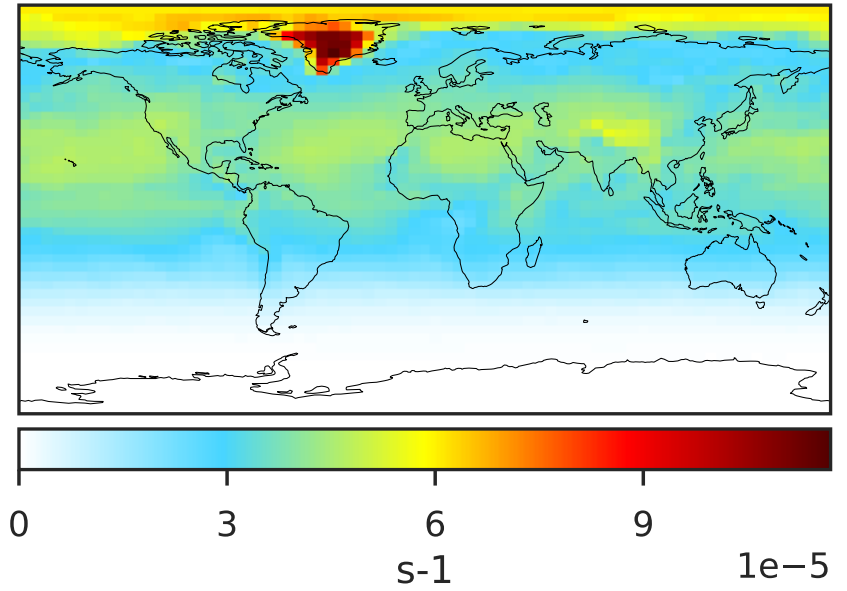
0.50 0.75 1.00 1.50 2.00
unitless

Jval_ETHLN (Jul2019)

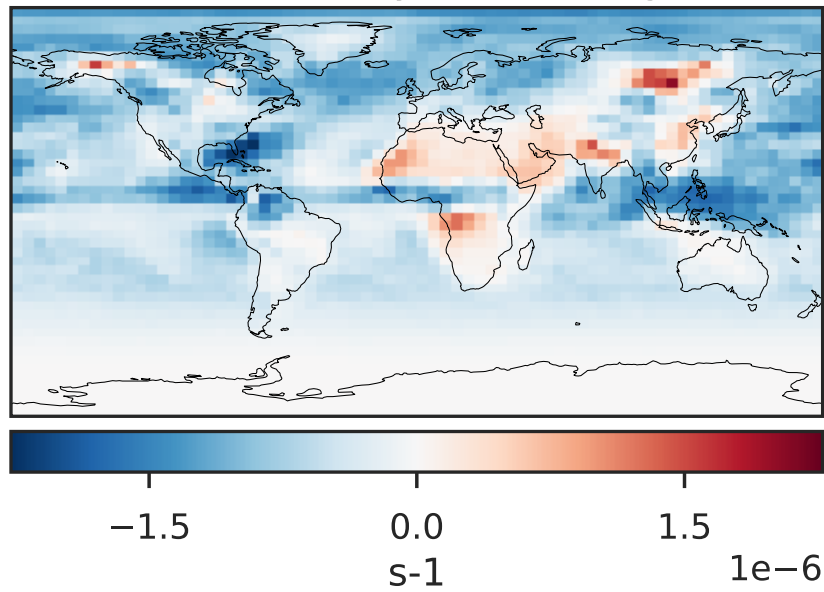
14.2.0-rc.2 (Ref)
4.0x5.0



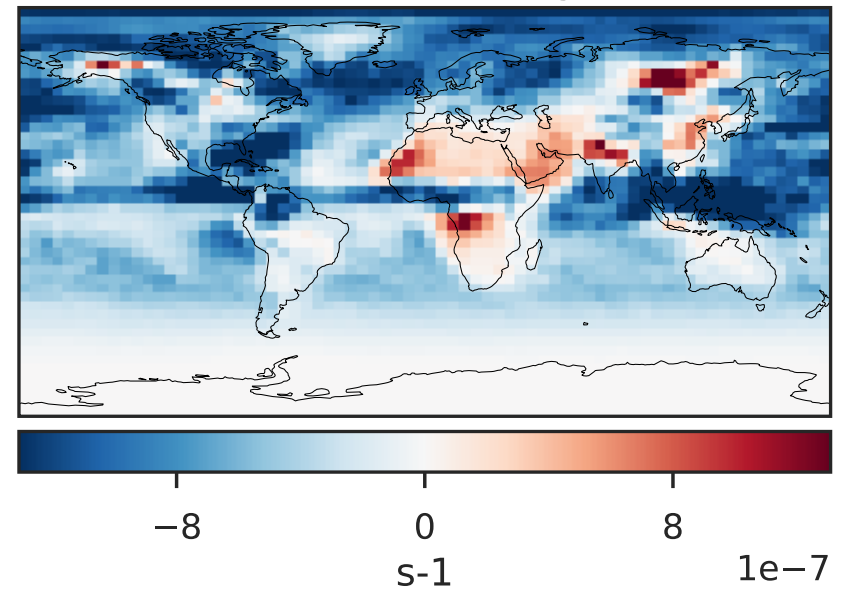
14.3.0-rc.0 (Dev)
4.0x5.0



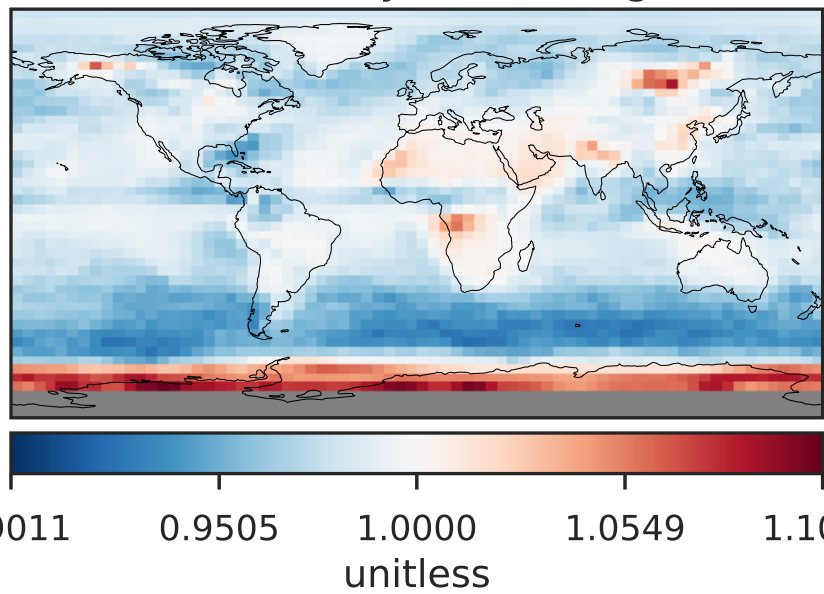
Difference
Dev - Ref, Dynamic Range



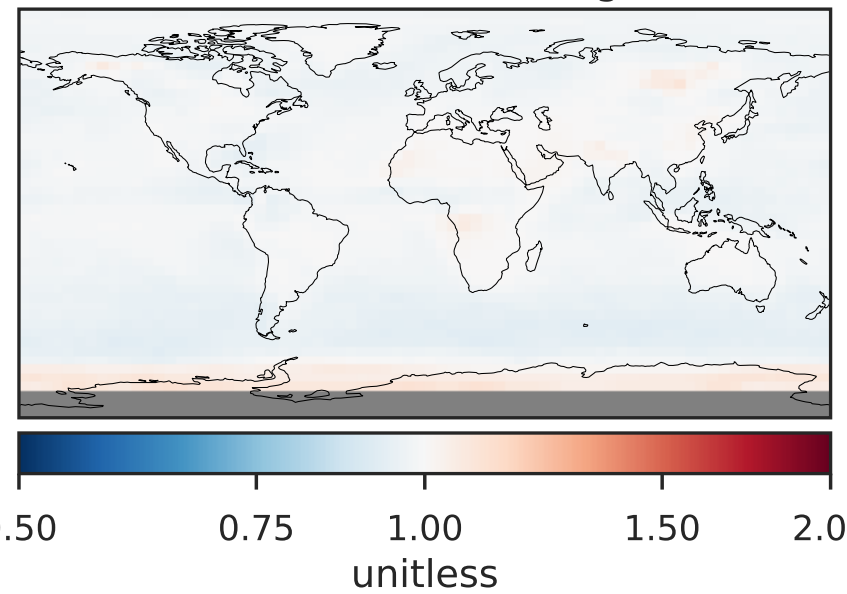
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

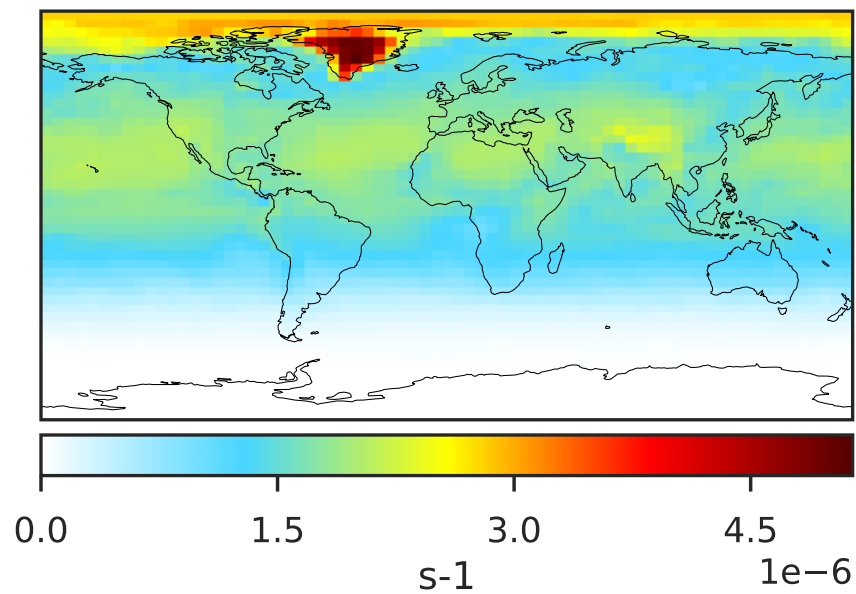


Ratio
Dev/Ref, Fixed Range

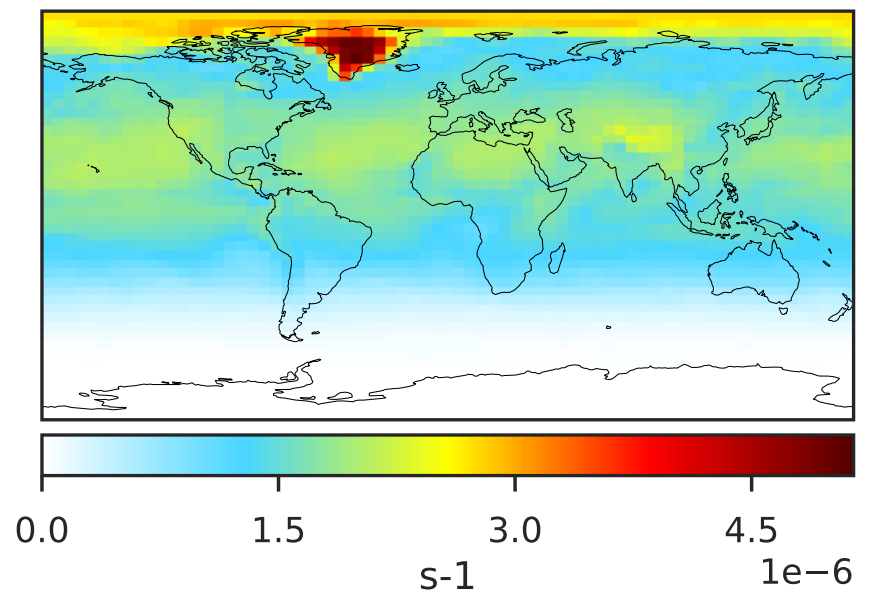


Jval_ETHP (Jul2019)

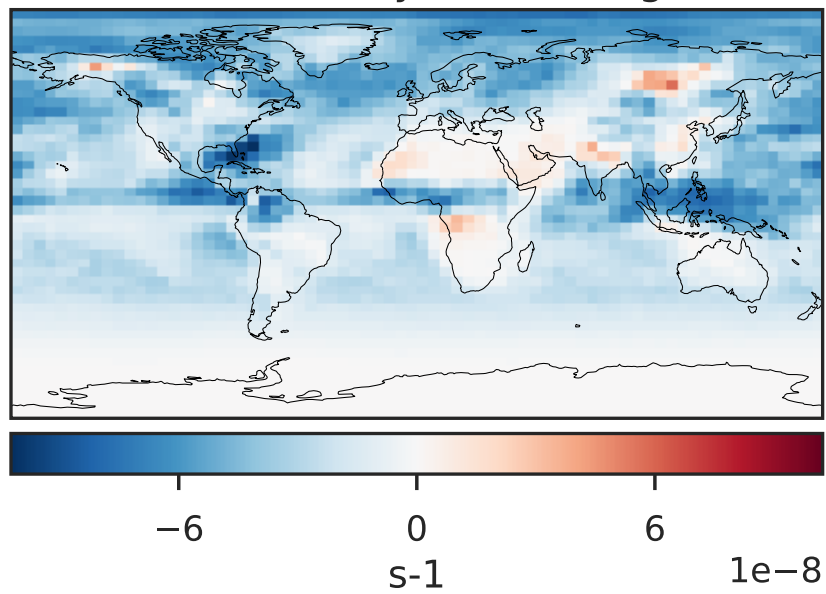
14.2.0-rc.2 (Ref)
4.0x5.0



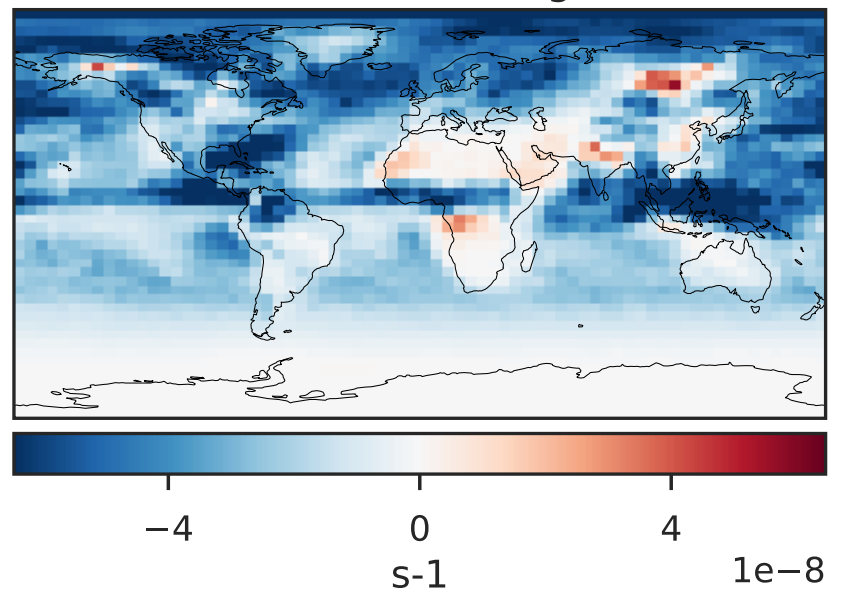
14.3.0-rc.0 (Dev)
4.0x5.0



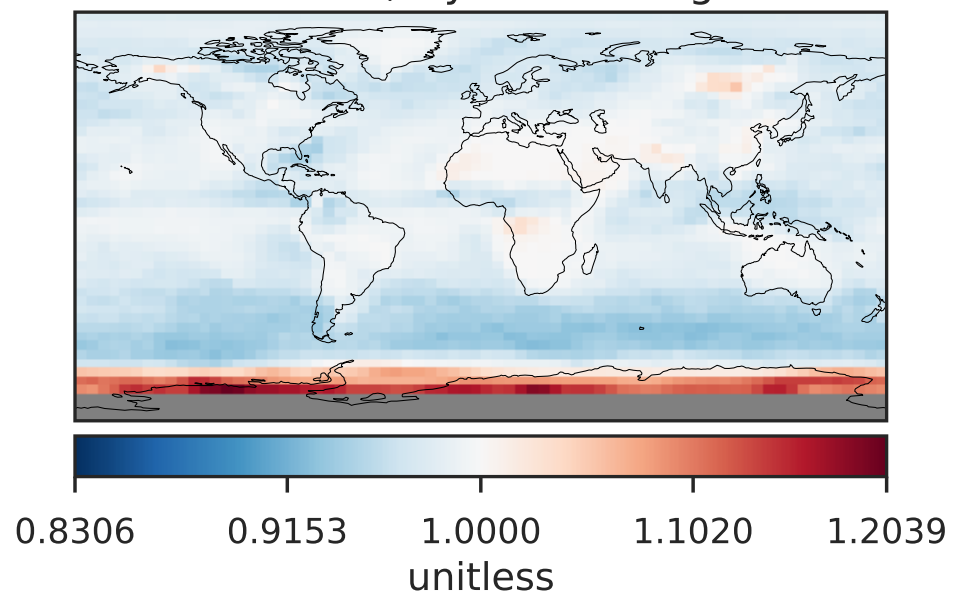
Difference
Dev - Ref, Dynamic Range



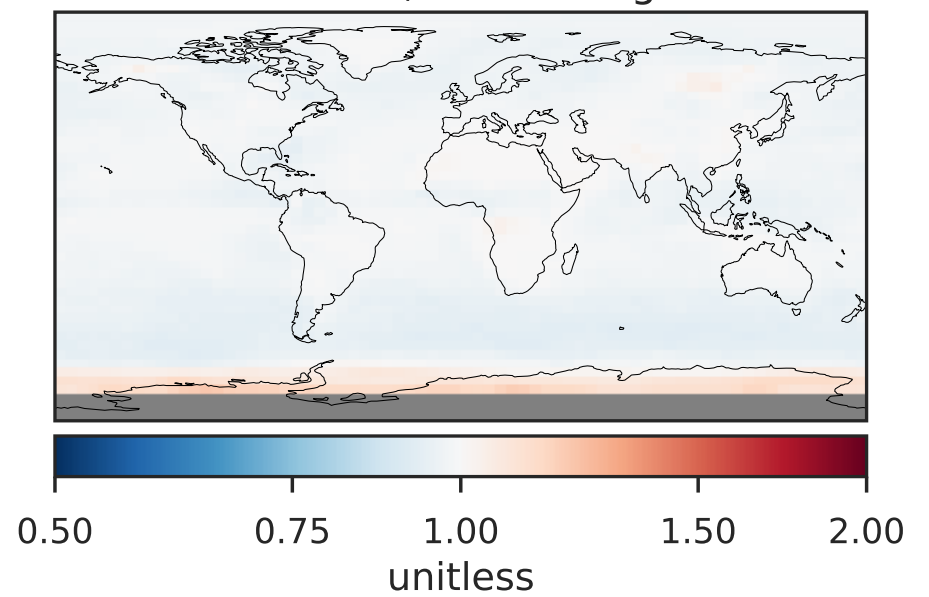
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

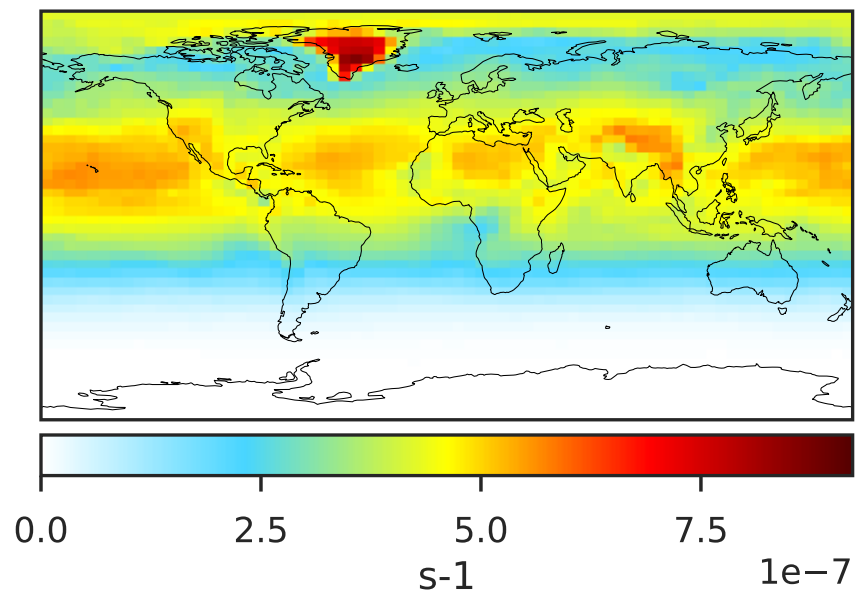


Ratio
Dev/Ref, Fixed Range

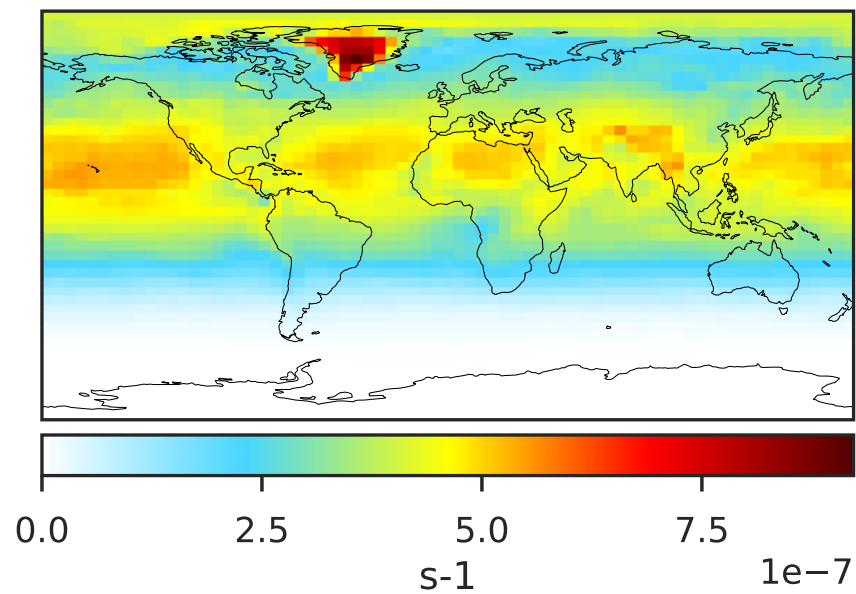


Jval_ETNO3 (Jul2019)

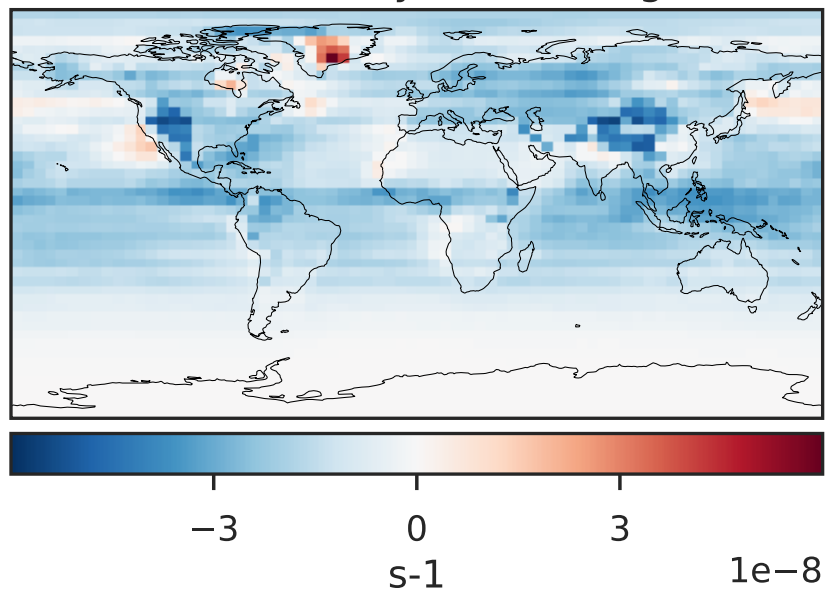
14.2.0-rc.2 (Ref)
4.0x5.0



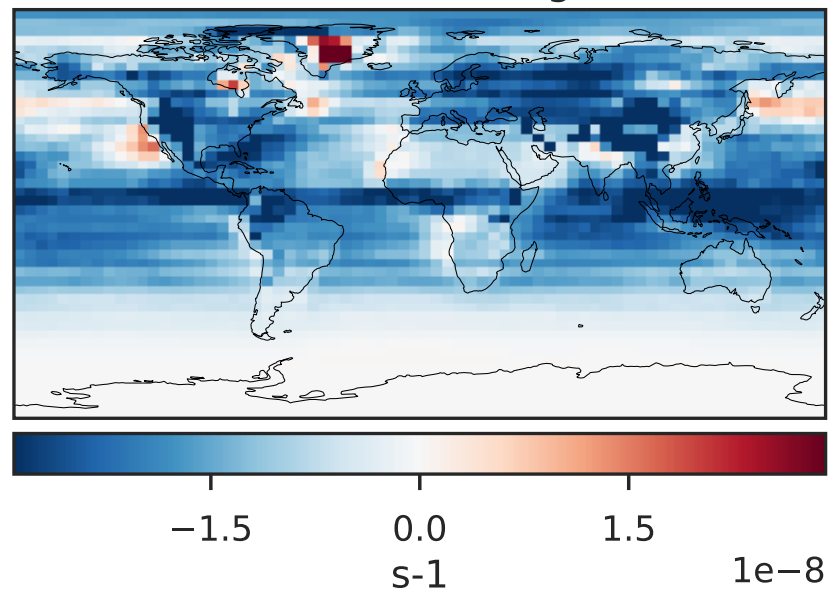
14.3.0-rc.0 (Dev)
4.0x5.0



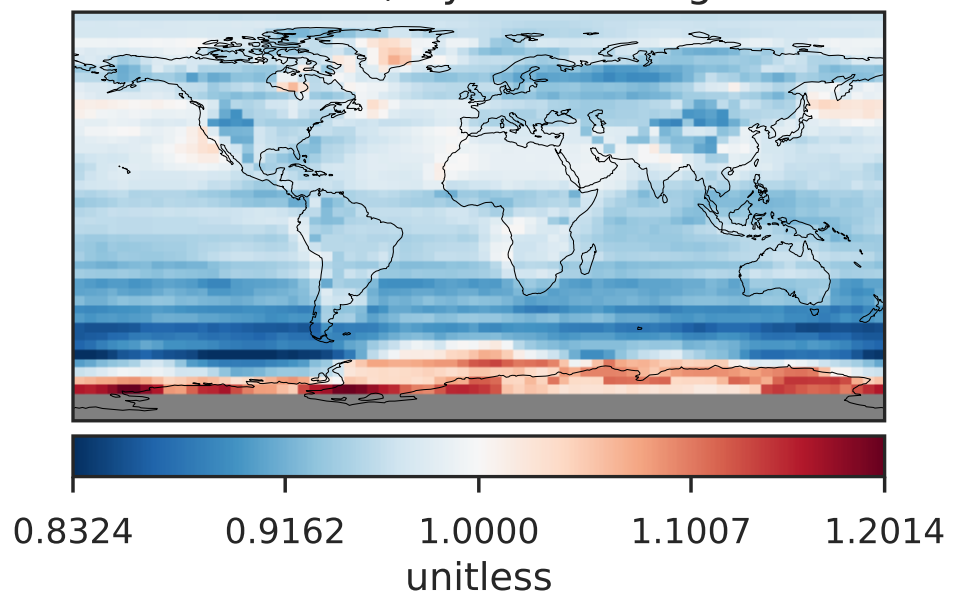
Difference
Dev - Ref, Dynamic Range



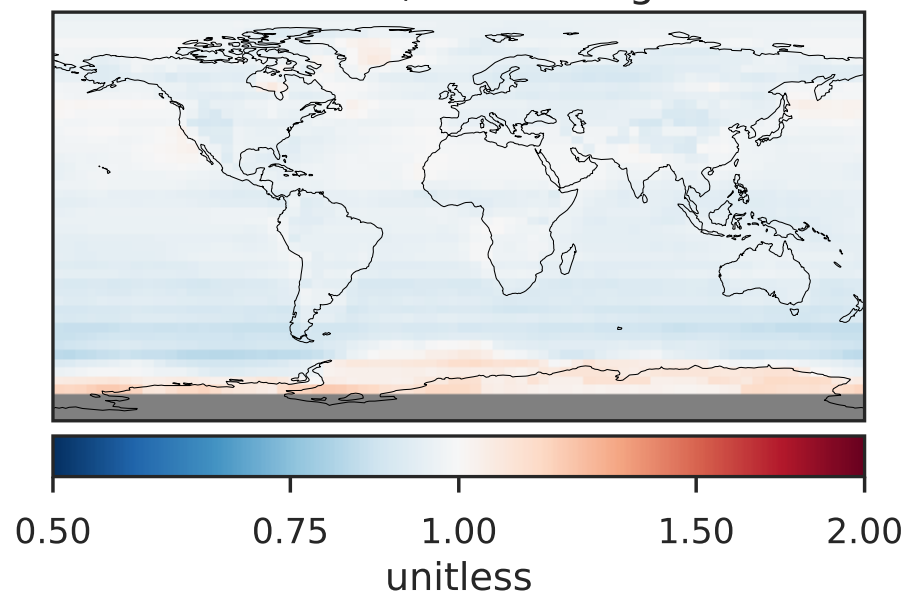
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

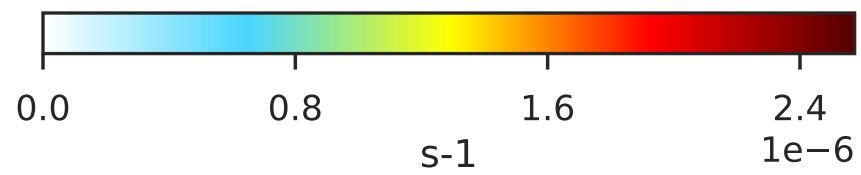
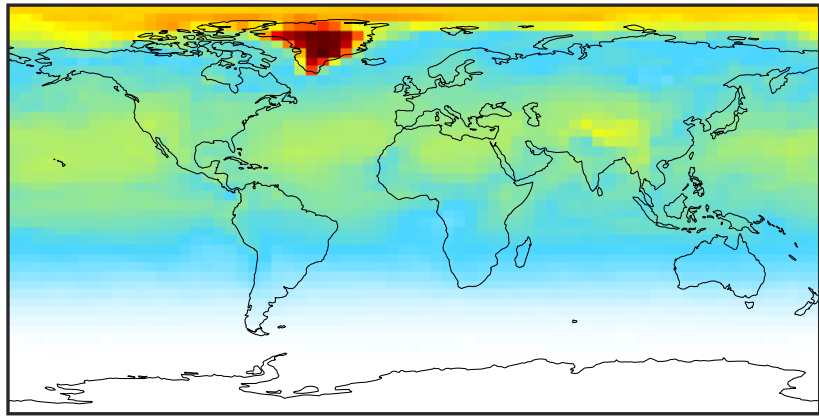


Ratio
Dev/Ref, Fixed Range

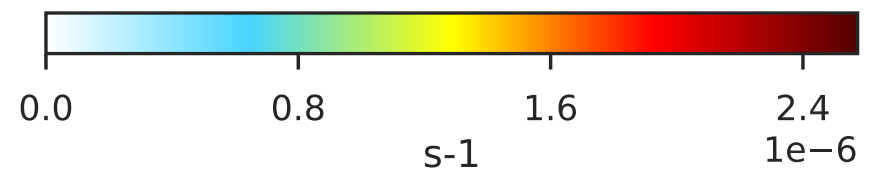
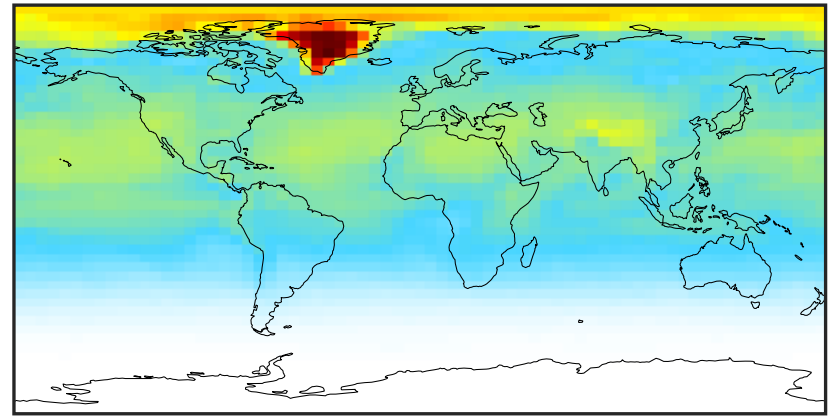


Jval_ETP (Jul2019)

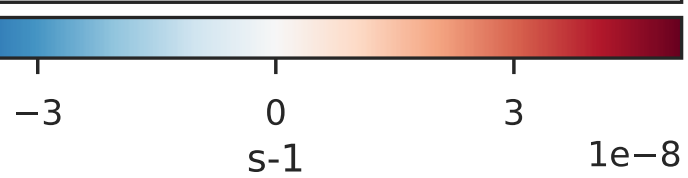
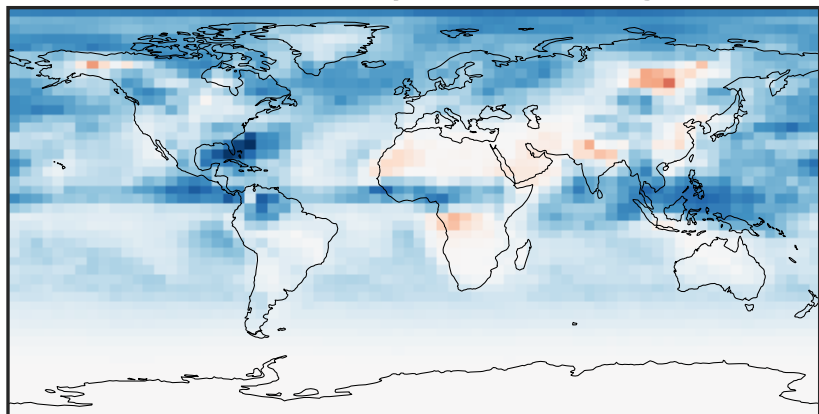
14.2.0-rc.2 (Ref)
4.0x5.0



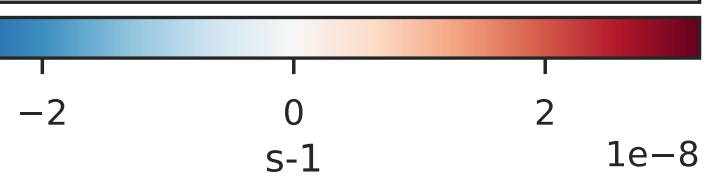
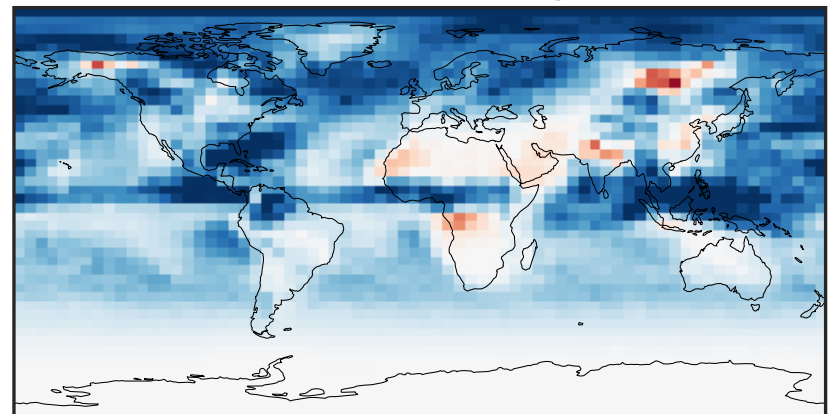
14.3.0-rc.0 (Dev)
4.0x5.0



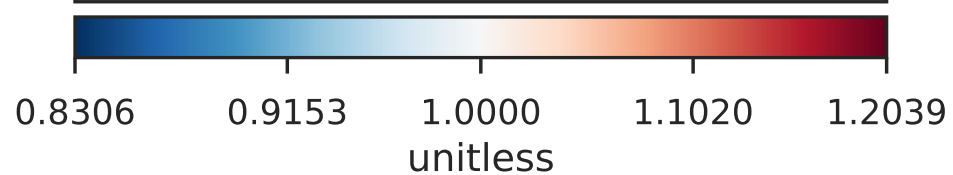
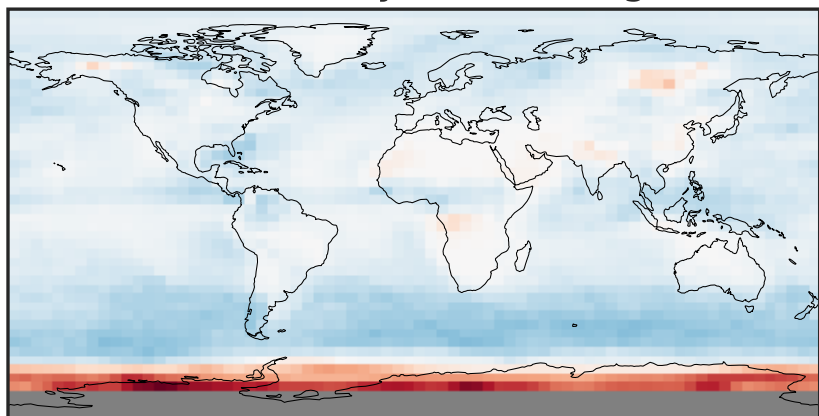
Difference
Dev - Ref, Dynamic Range



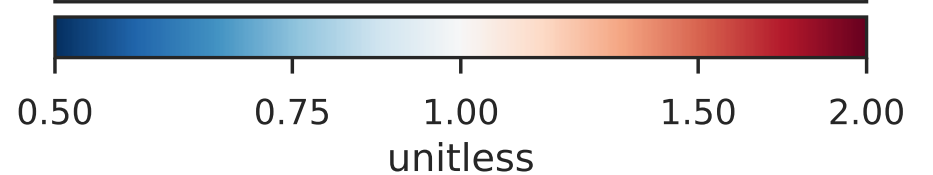
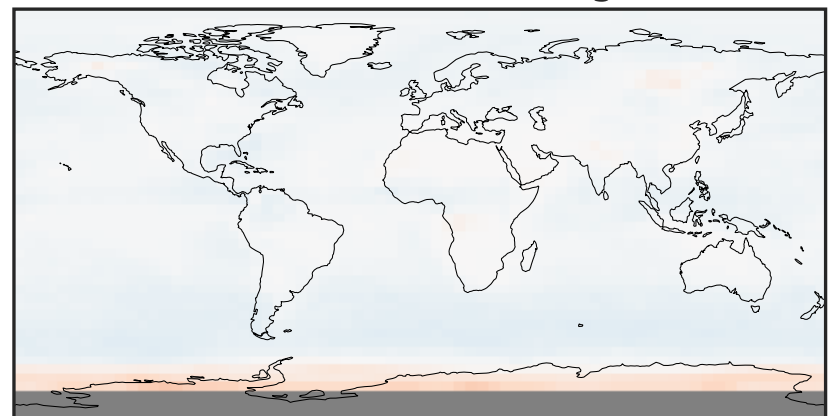
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

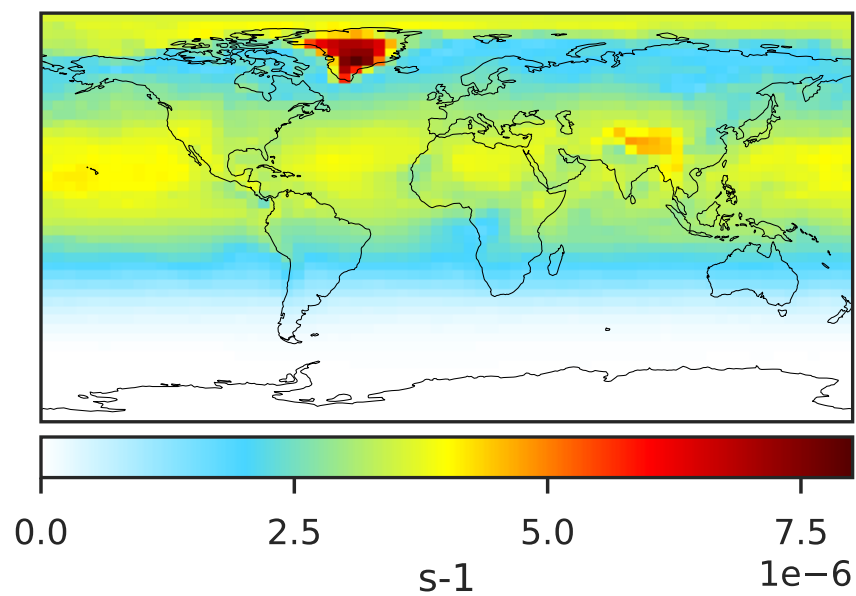


Ratio
Dev/Ref, Fixed Range

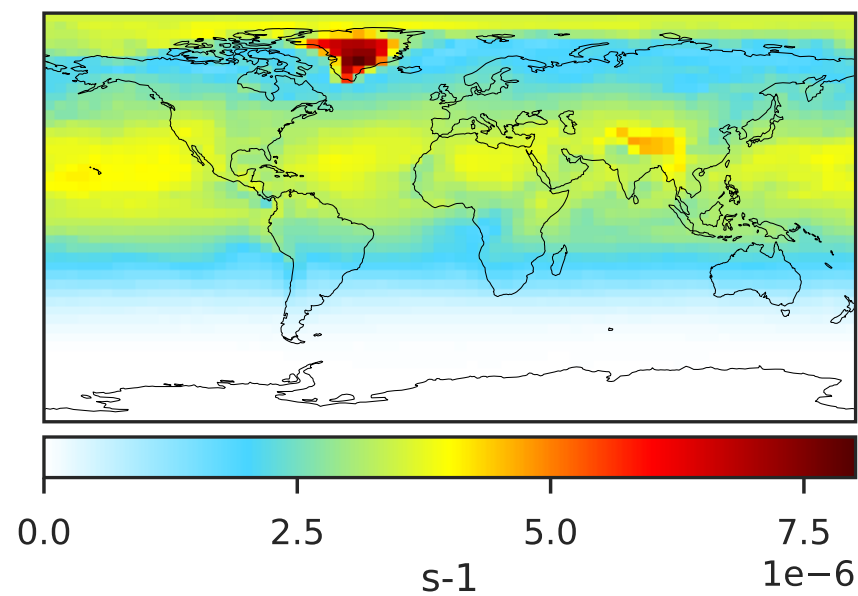


Jval_GLYC (Jul2019)

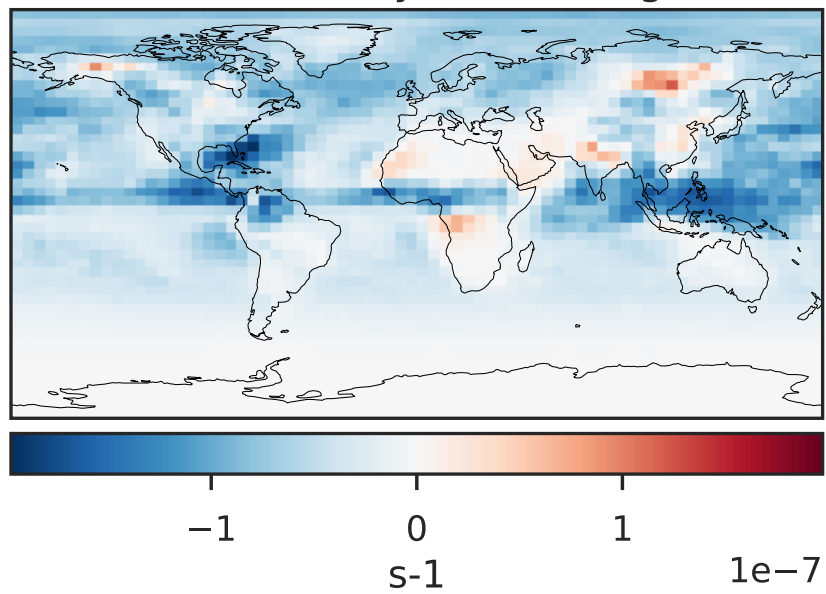
14.2.0-rc.2 (Ref)
4.0x5.0



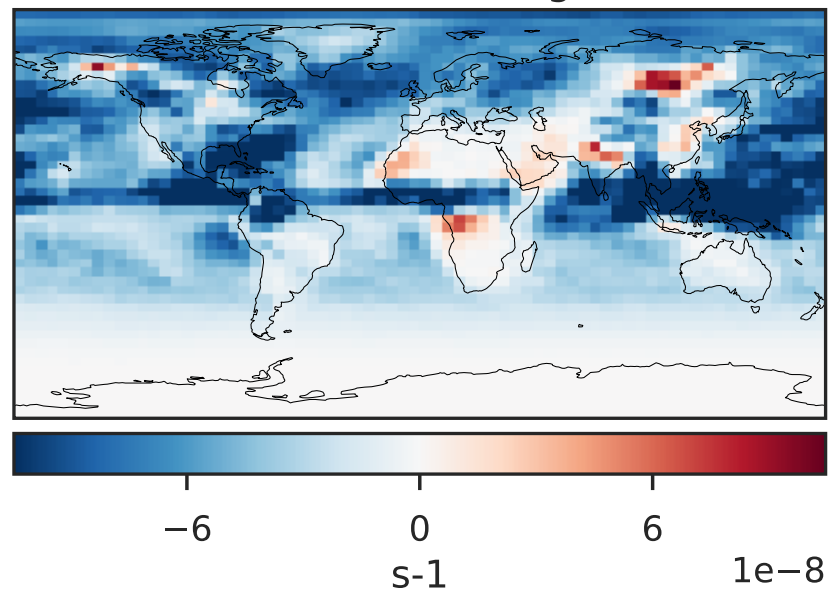
14.3.0-rc.0 (Dev)
4.0x5.0



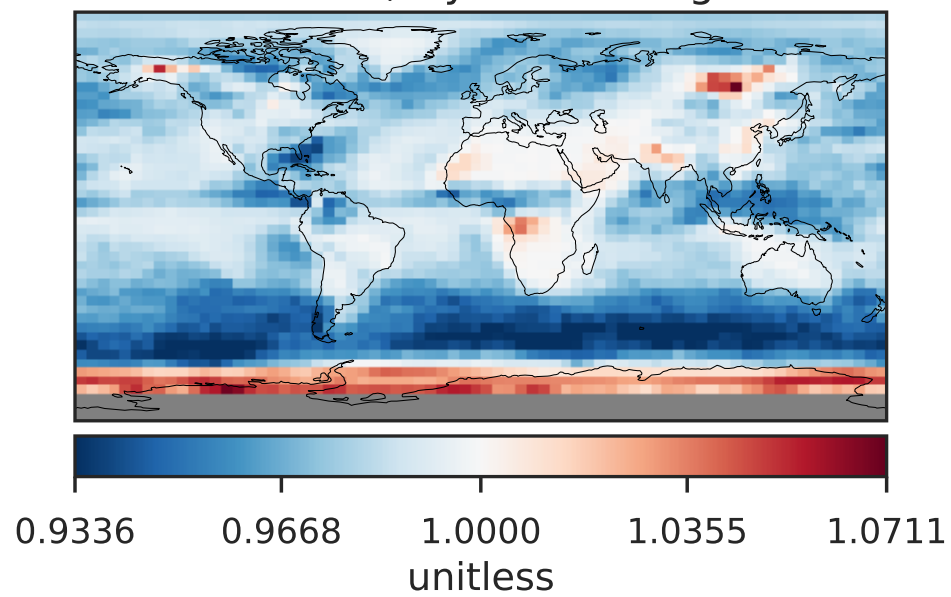
Difference
Dev - Ref, Dynamic Range



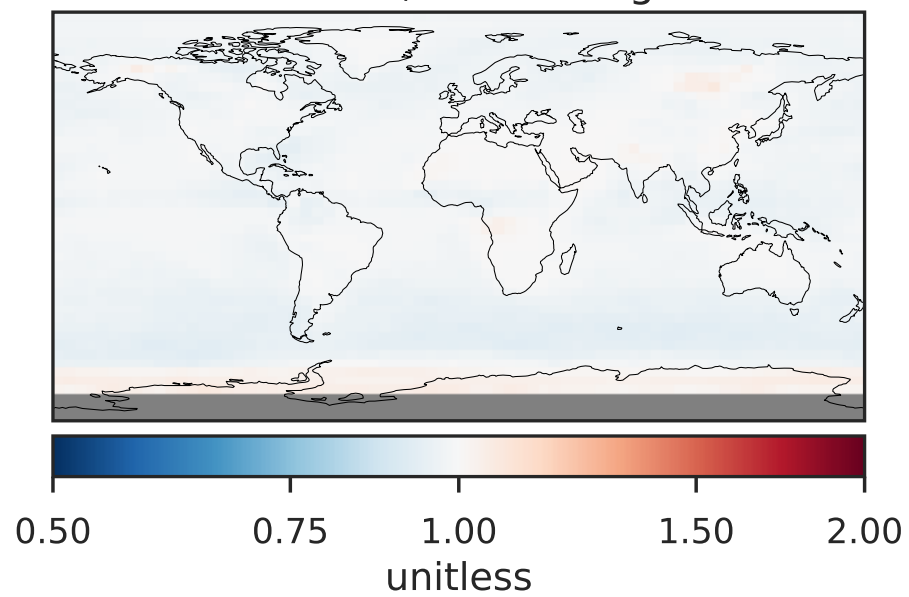
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

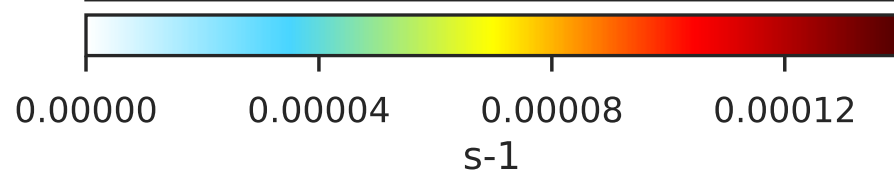
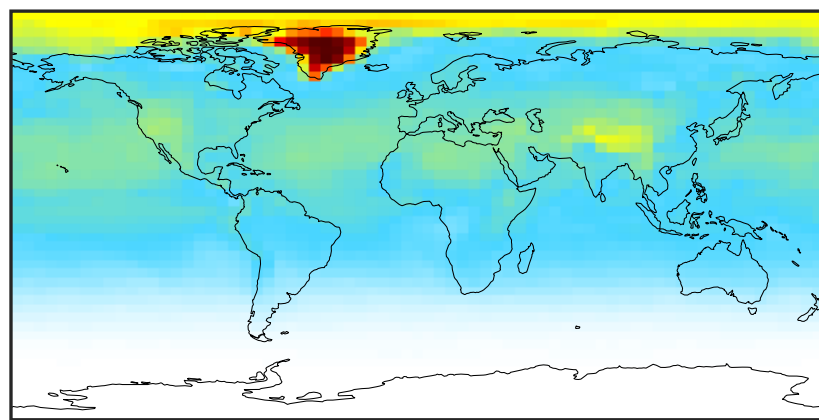


Ratio
Dev/Ref, Fixed Range

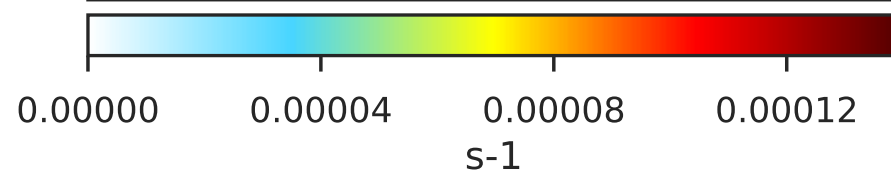
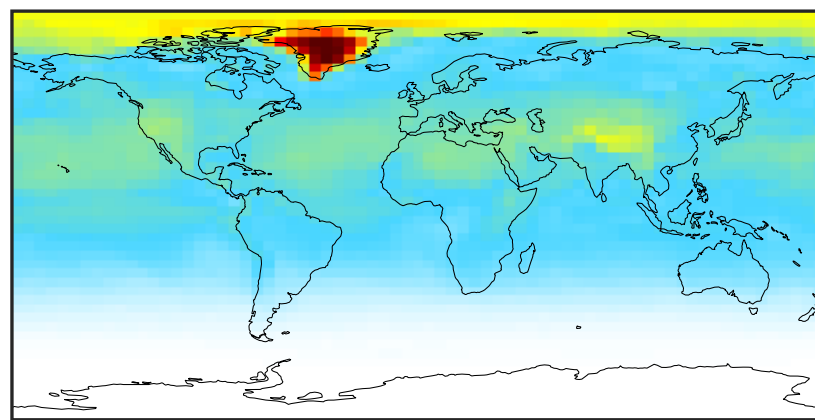


Jval_GLYX (Jul2019)

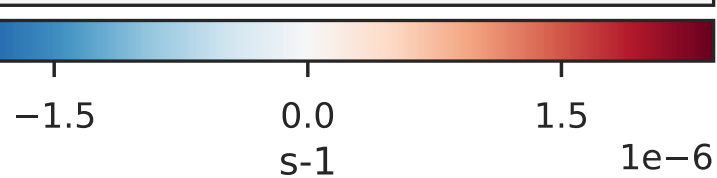
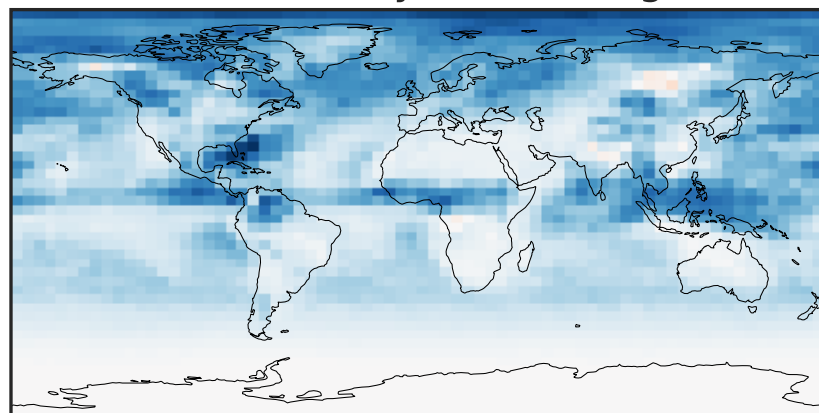
14.2.0-rc.2 (Ref)
4.0x5.0



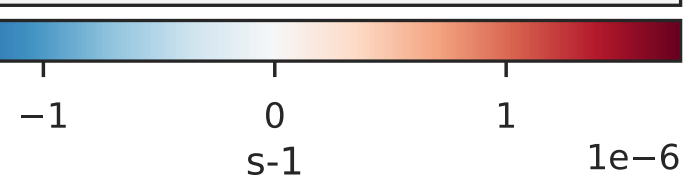
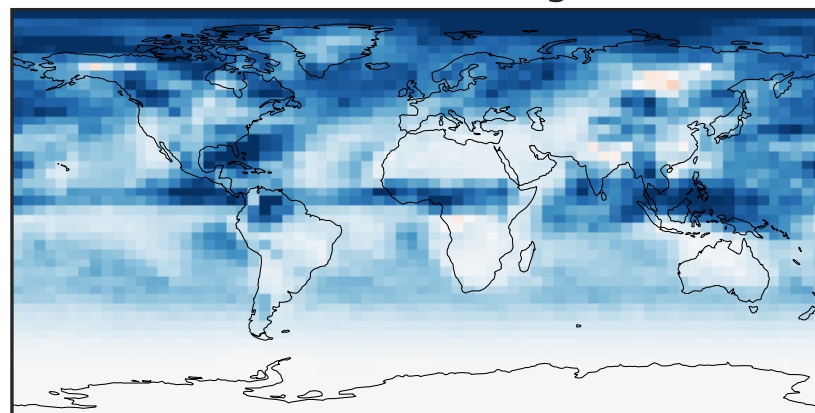
14.3.0-rc.0 (Dev)
4.0x5.0



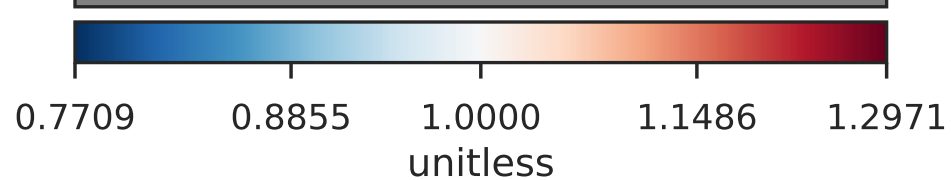
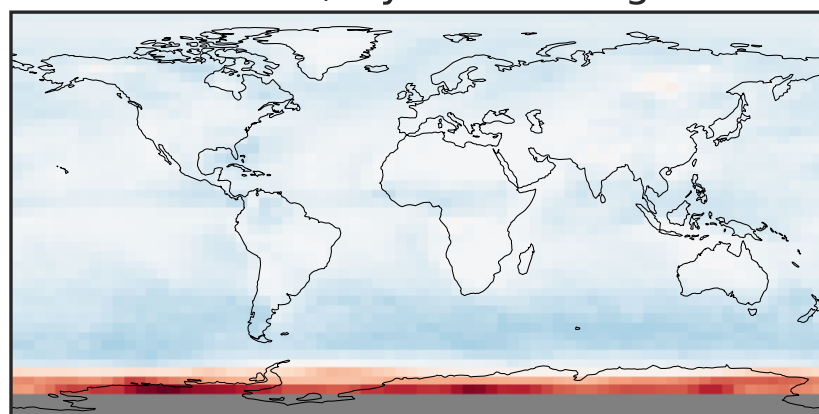
Difference
Dev - Ref, Dynamic Range



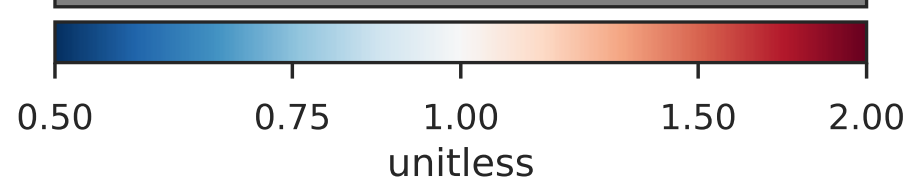
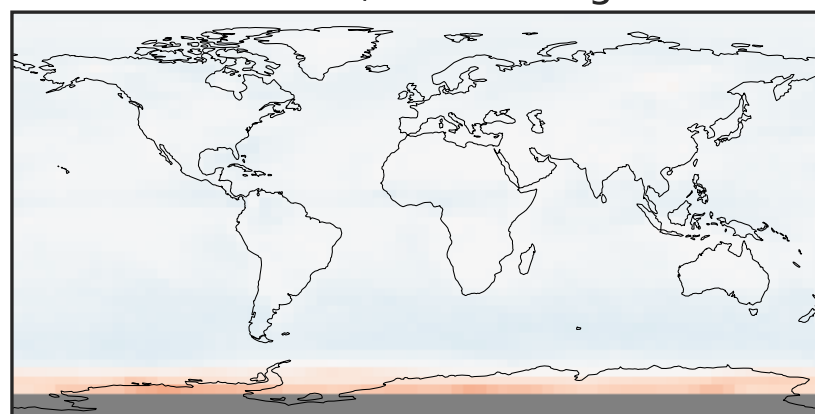
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

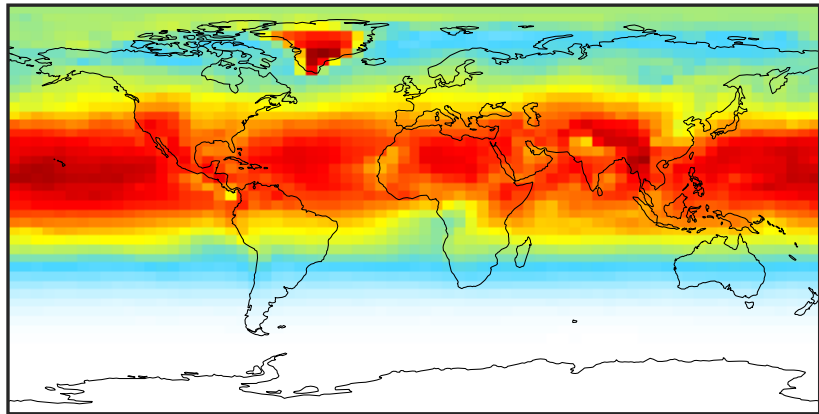


Ratio
Dev/Ref, Fixed Range



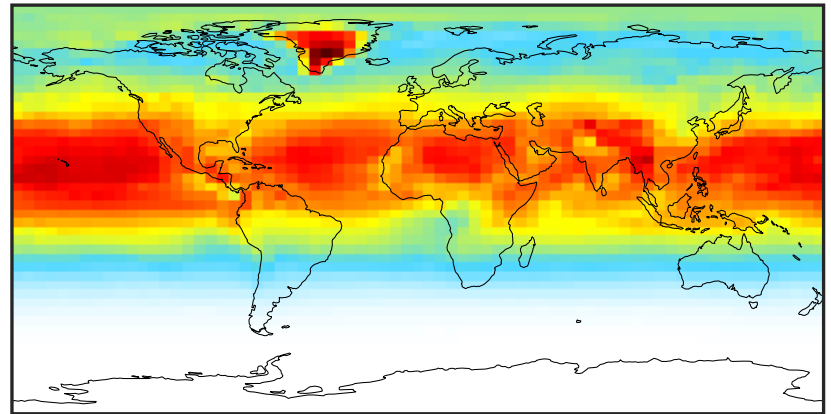
Jval_H1211 (Jul2019)

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



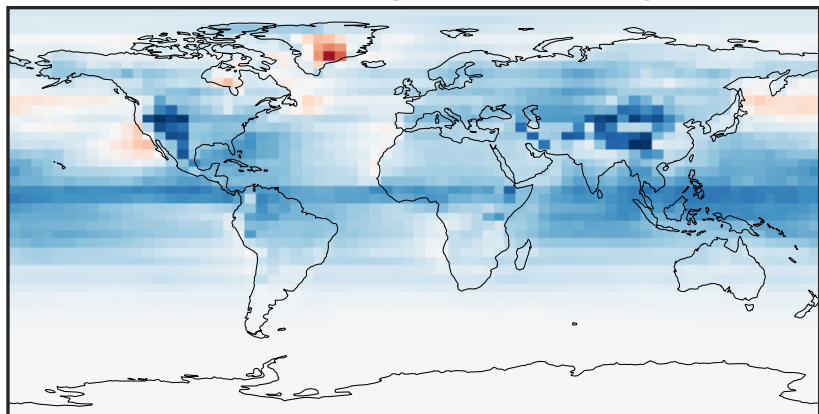
0.0 0.6 1.2 1.8
s-1 $1e-9$

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



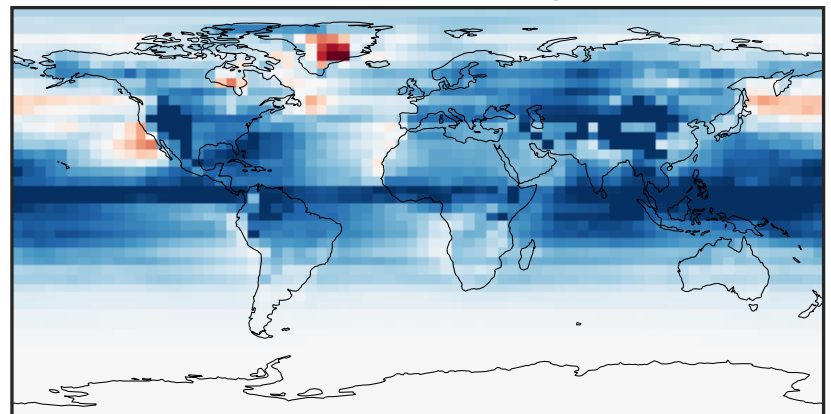
0.0 0.6 1.2 1.8
s-1 $1e-9$

Difference
Dev - Ref, Dynamic Range



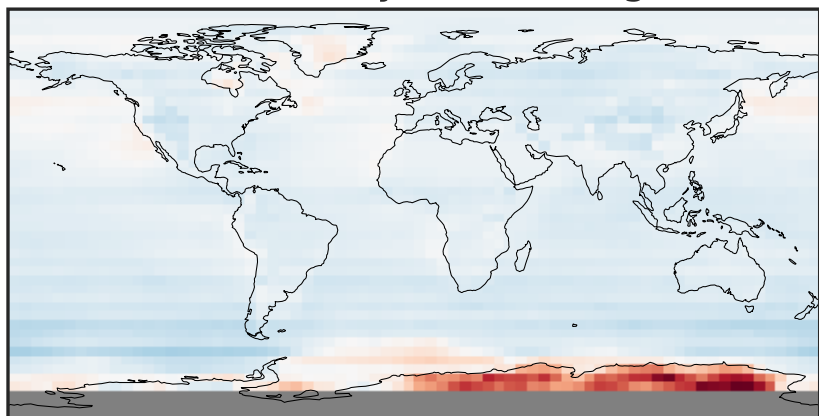
-1.5 0.0 1.5
s-1 $1e-10$

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



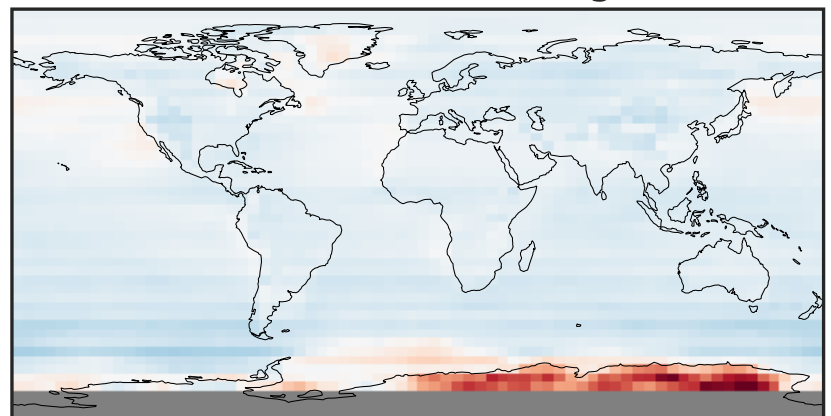
-8 0 8
s-1 $1e-11$

Ratio
Dev/Ref, Dynamic Range



0.497 0.748 1.000 1.506 2.012
unitless

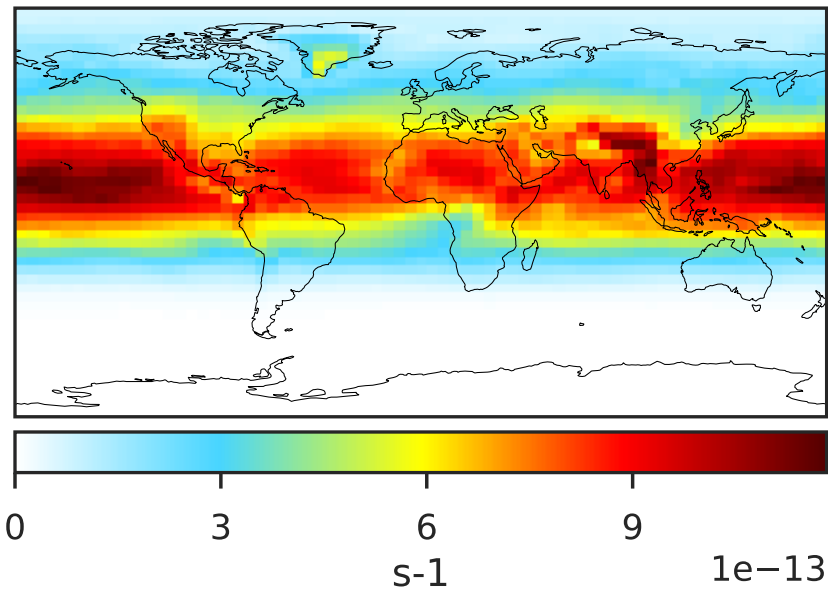
Ratio
Dev/Ref, Fixed Range



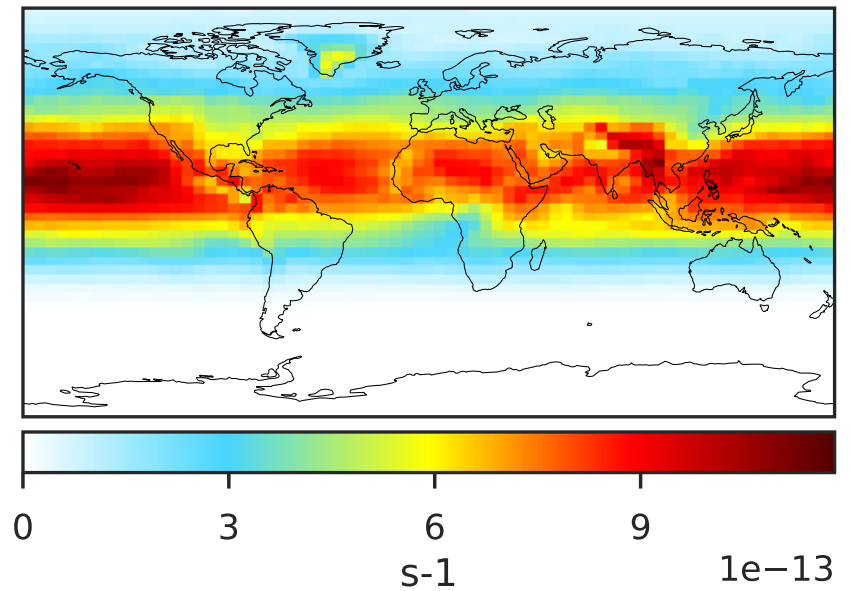
0.50 0.75 1.00 1.50 2.00
unitless

Jval_H1301 (Jul2019)

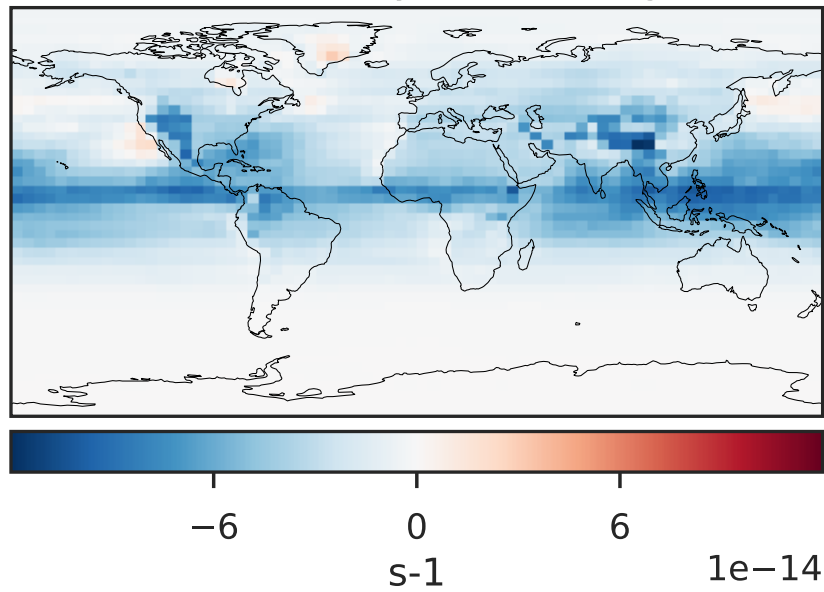
14.2.0-rc.2 (Ref)
4.0x5.0



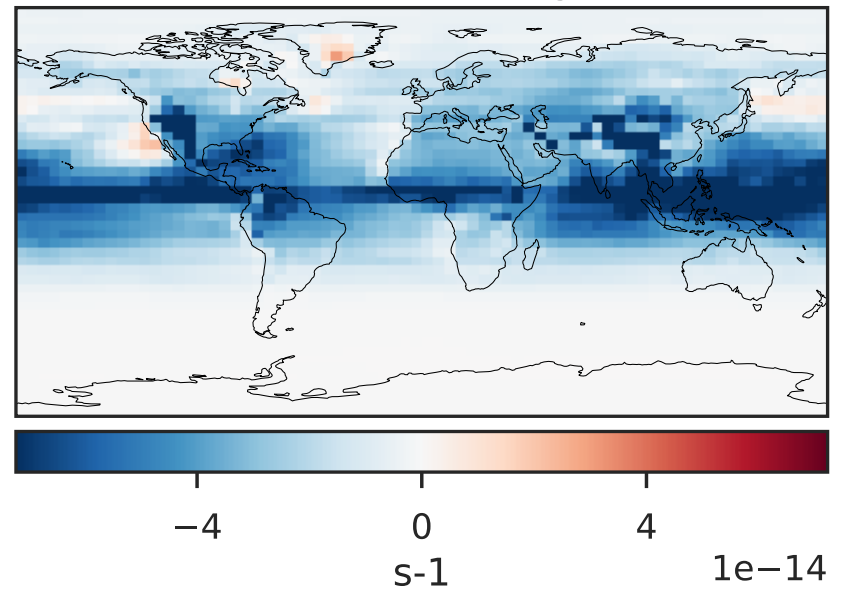
14.3.0-rc.0 (Dev)
4.0x5.0



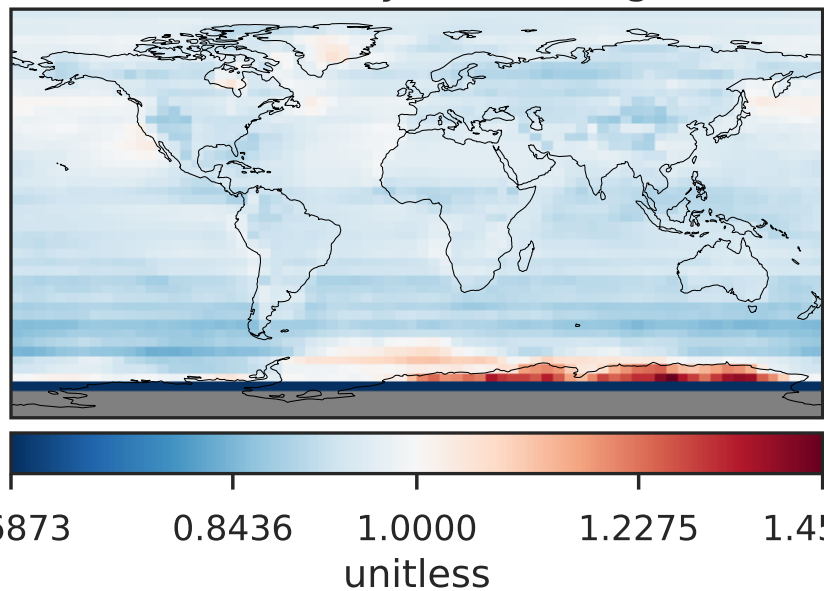
Difference
Dev - Ref, Dynamic Range



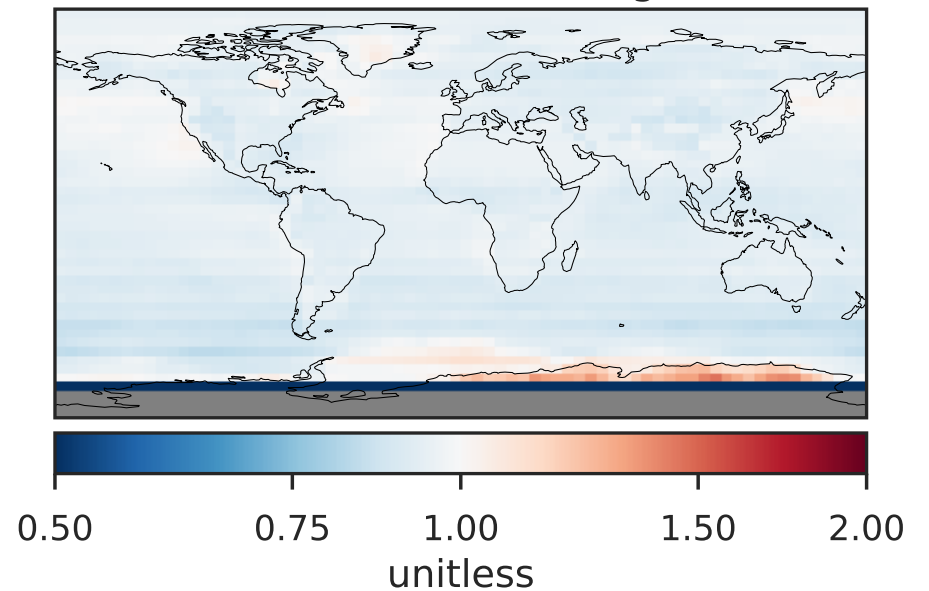
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

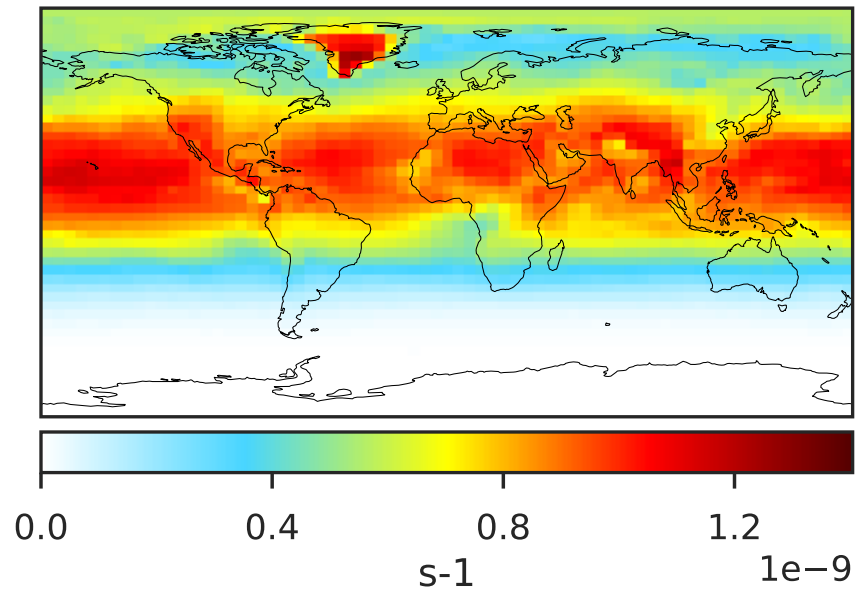


Ratio
Dev/Ref, Fixed Range

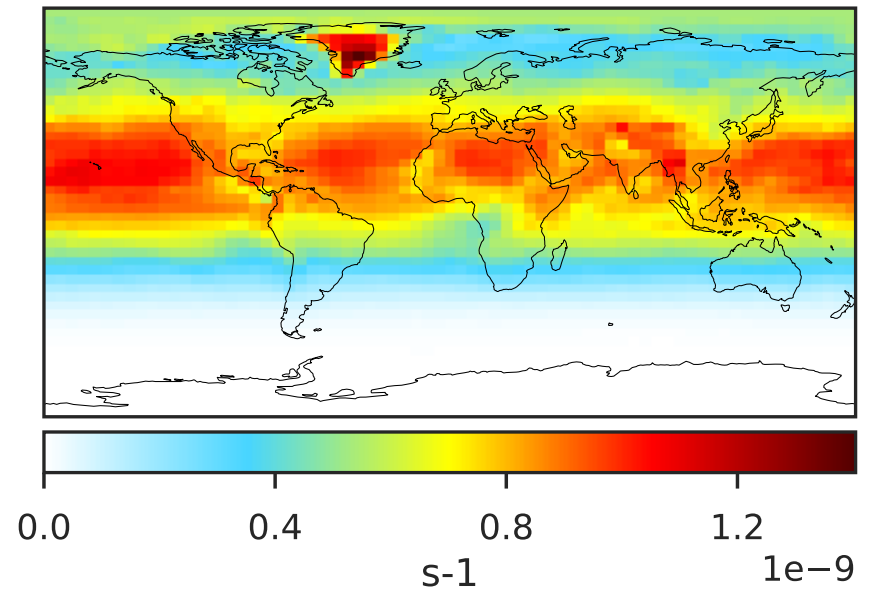


Jval_H2402 (Jul2019)

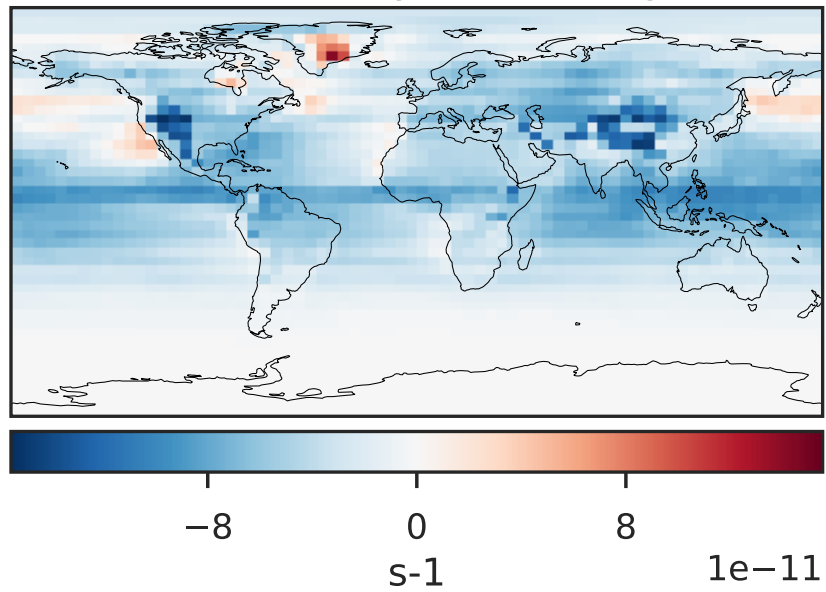
14.2.0-rc.2 (Ref)
4.0x5.0



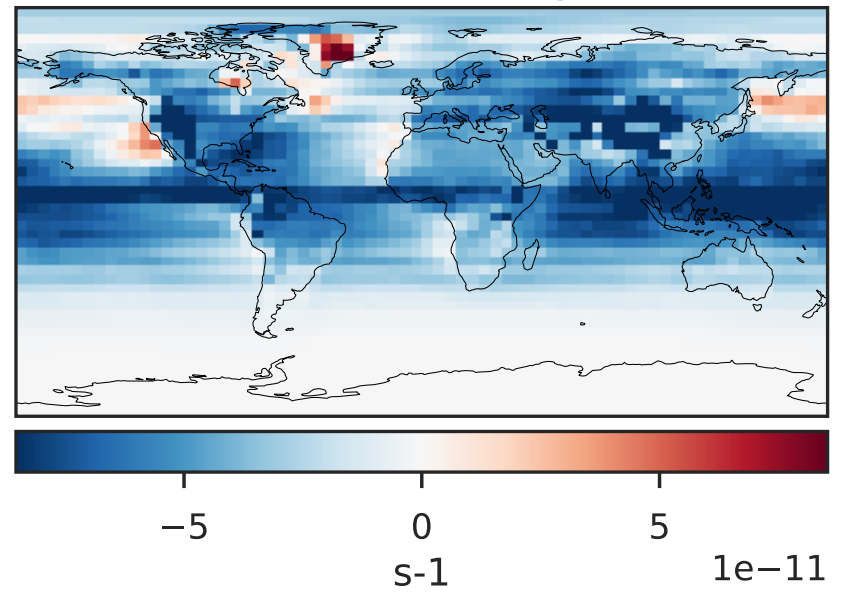
14.3.0-rc.0 (Dev)
4.0x5.0



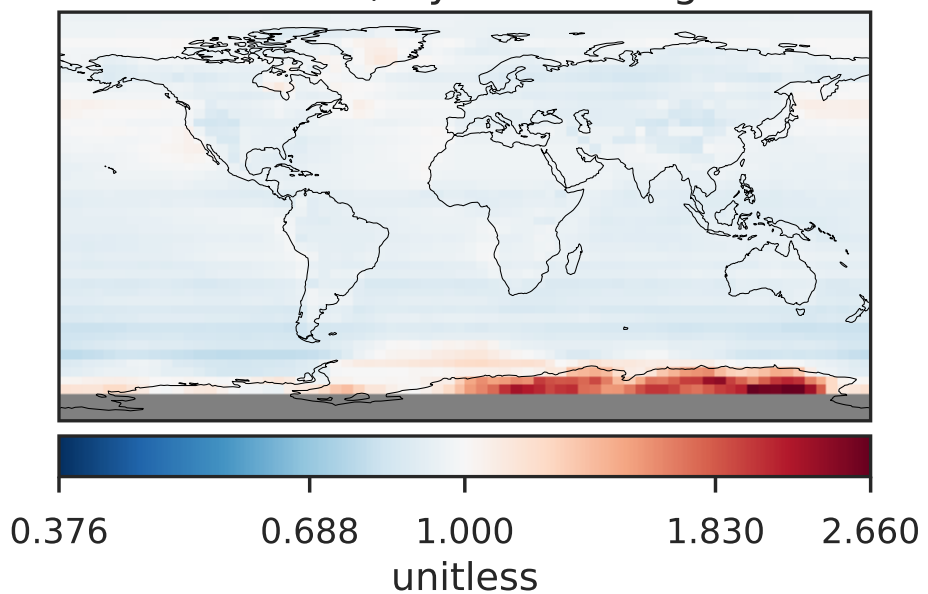
Difference
Dev - Ref, Dynamic Range



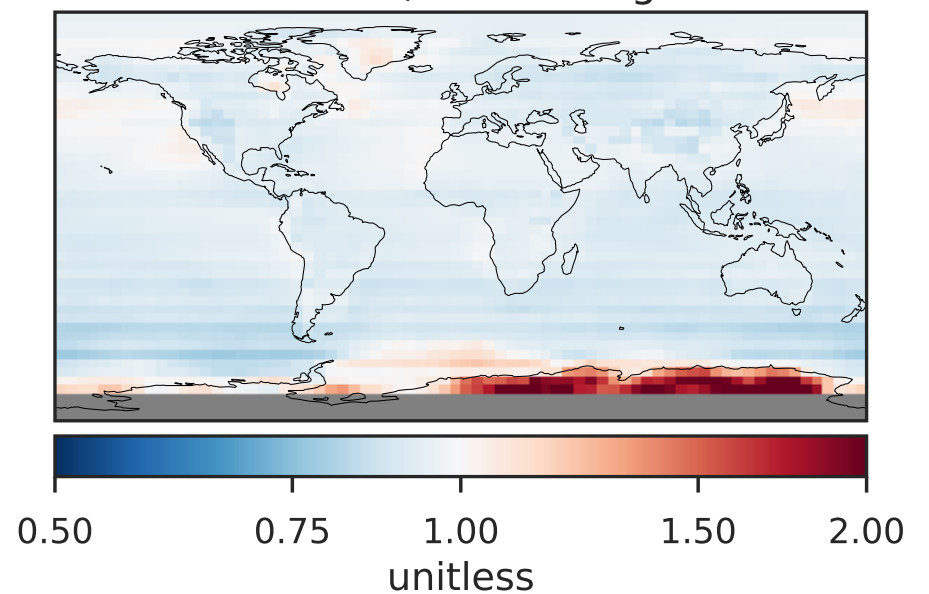
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

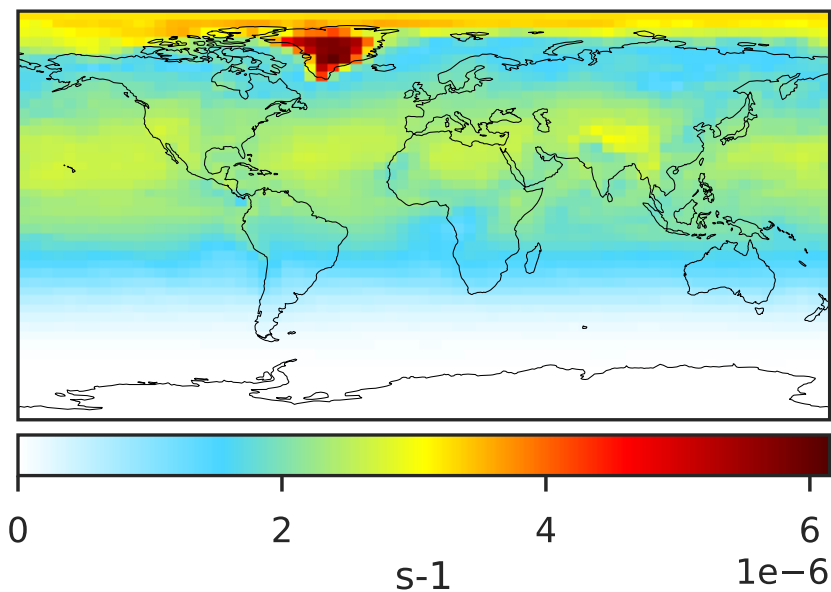


Ratio
Dev/Ref, Fixed Range

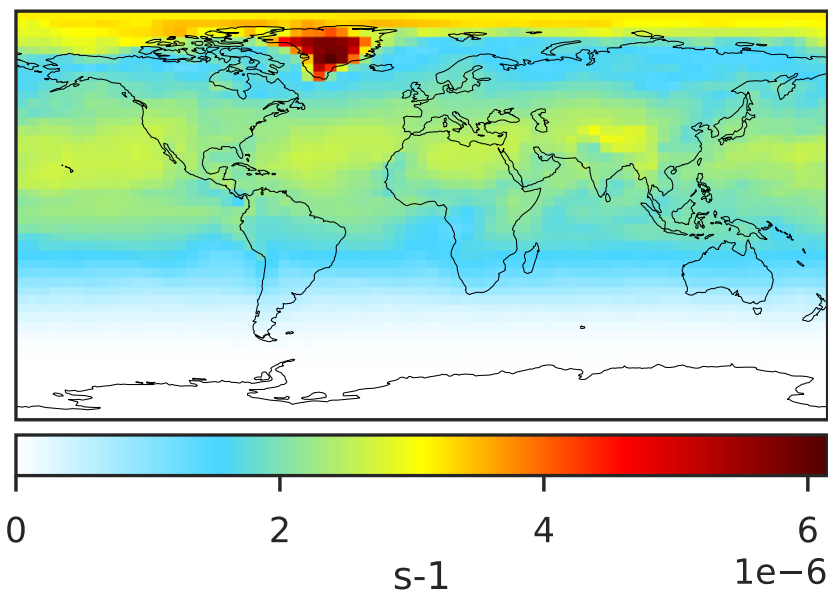


Jval_H2O2 (Jul2019)

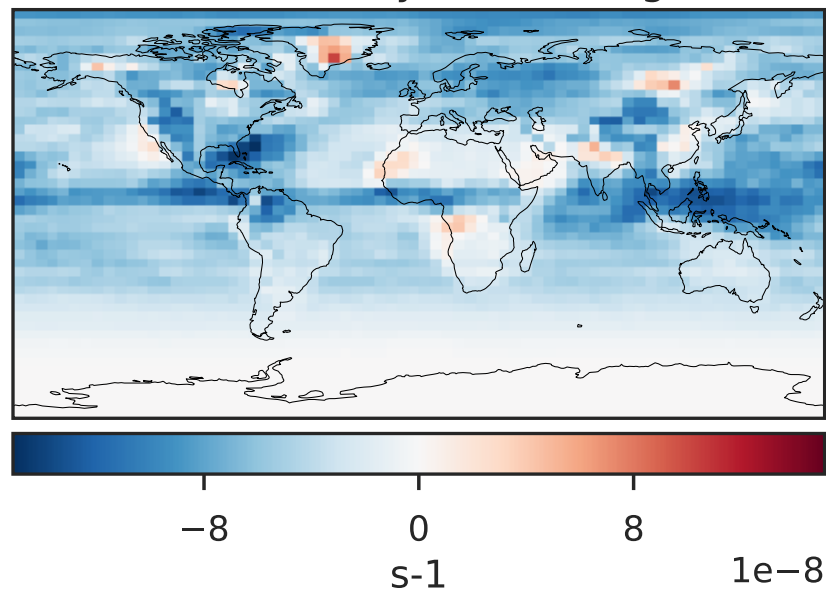
14.2.0-rc.2 (Ref)
4.0x5.0



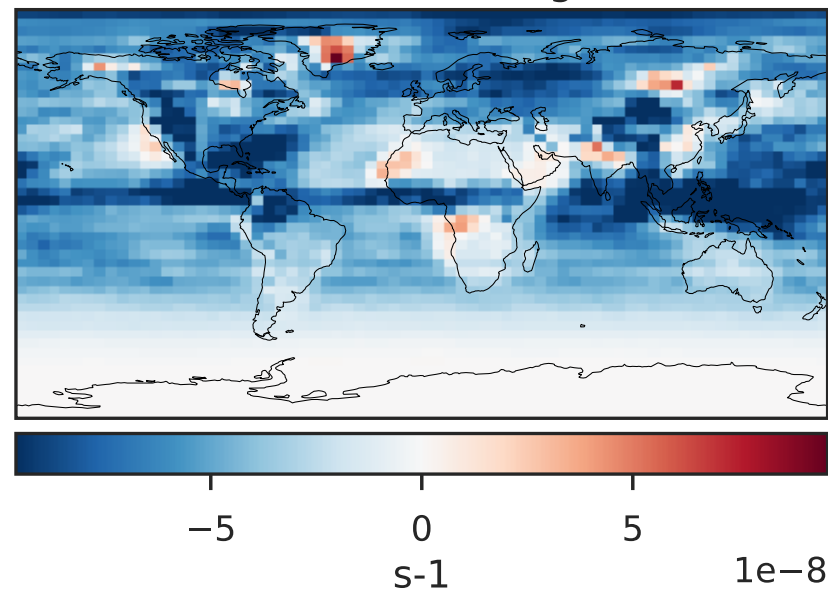
14.3.0-rc.0 (Dev)
4.0x5.0



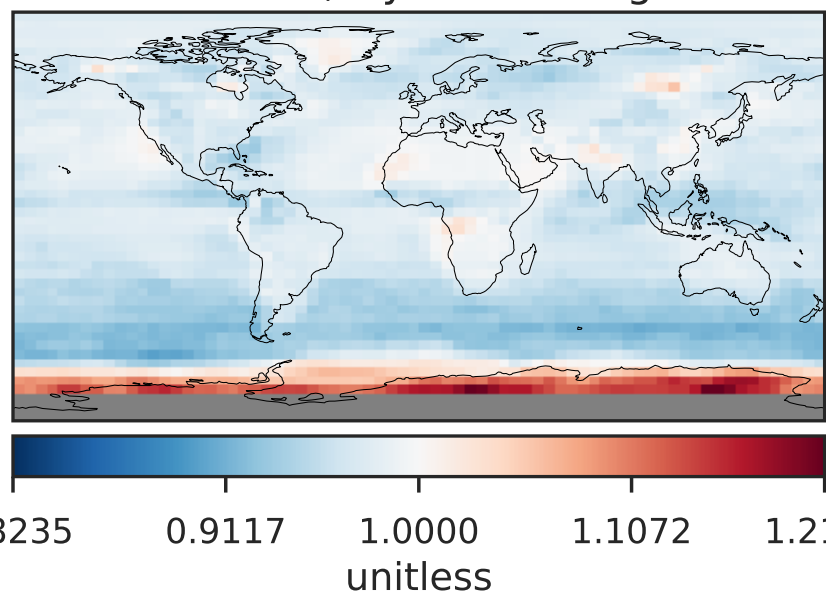
Difference
Dev - Ref, Dynamic Range



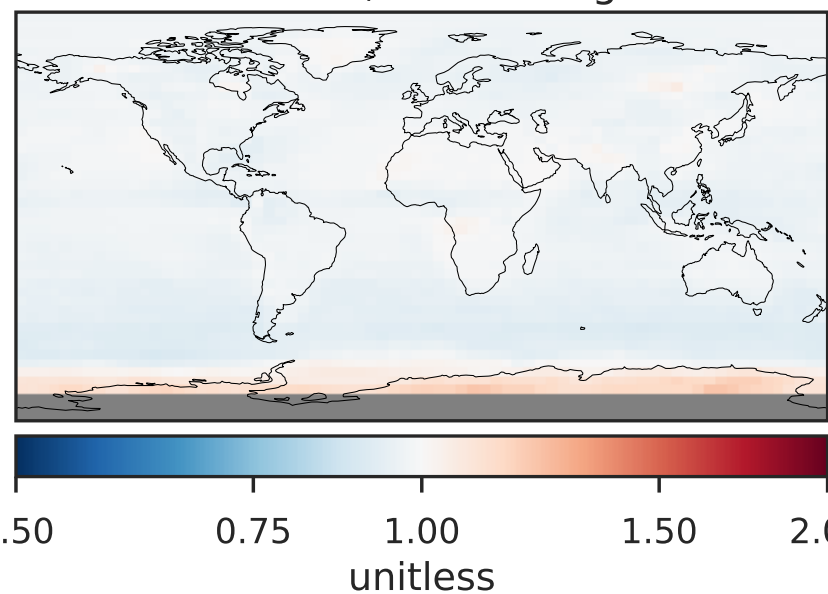
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

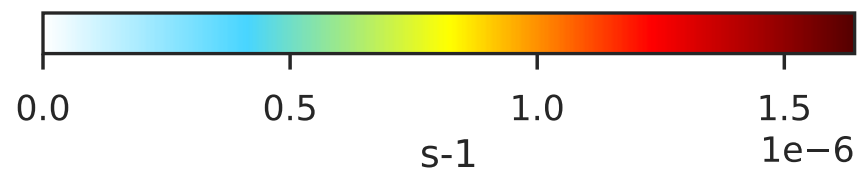
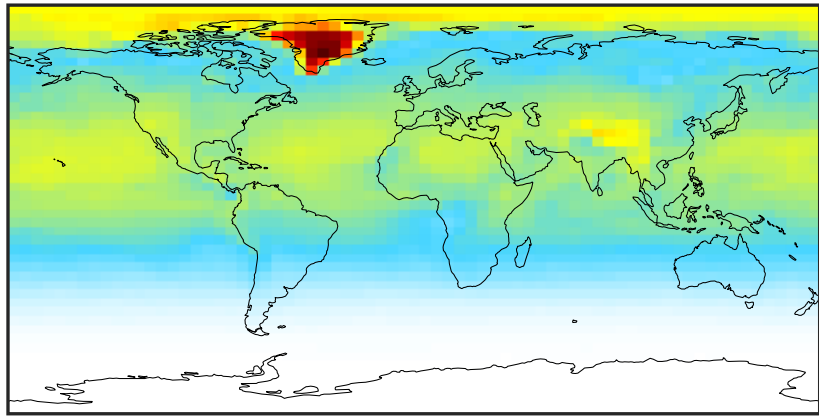


Ratio
Dev/Ref, Fixed Range

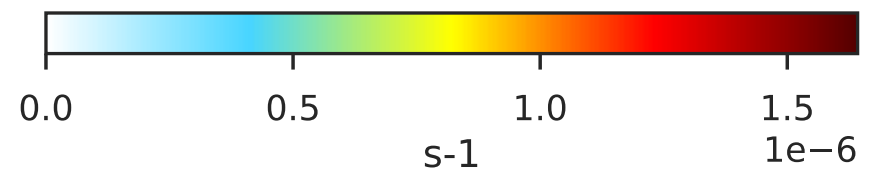
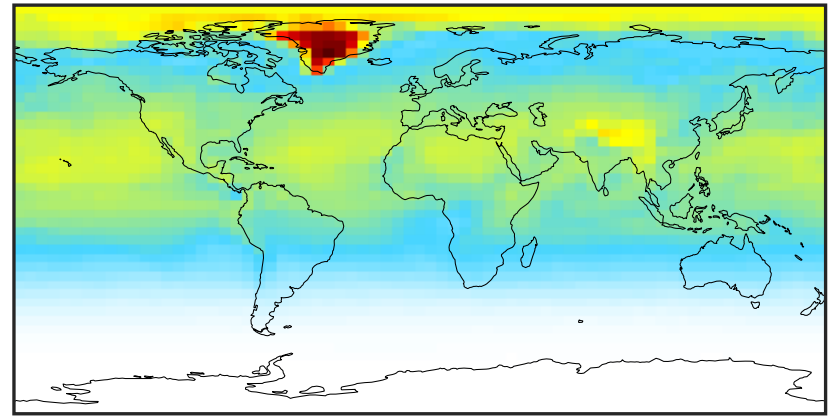


Jval_HAC (Jul2019)

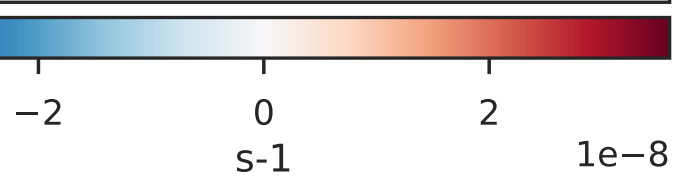
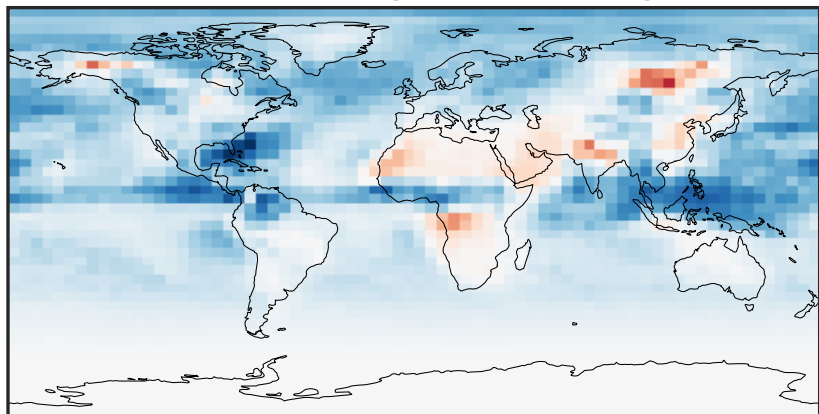
14.2.0-rc.2 (Ref)
4.0x5.0



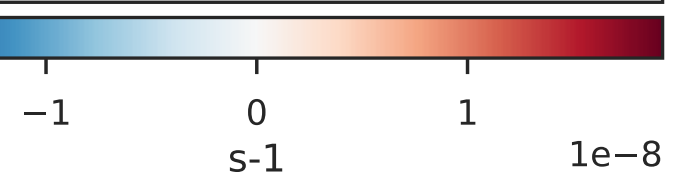
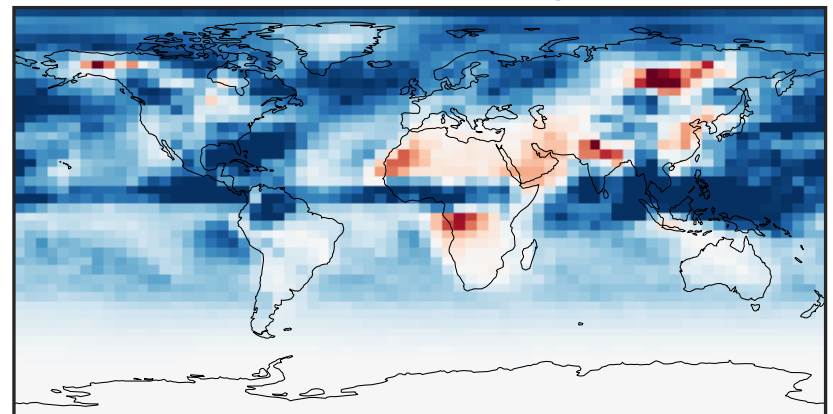
14.3.0-rc.0 (Dev)
4.0x5.0



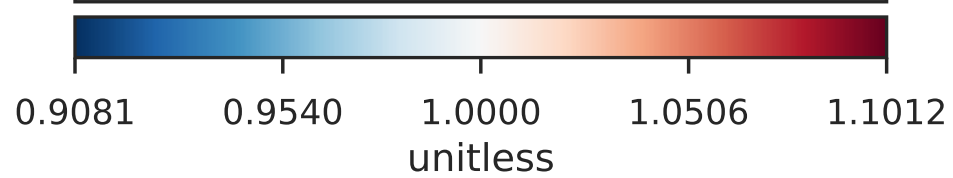
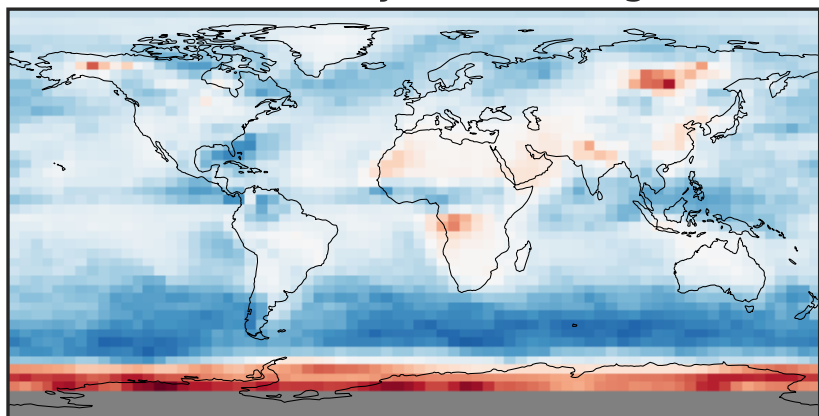
Difference
Dev - Ref, Dynamic Range



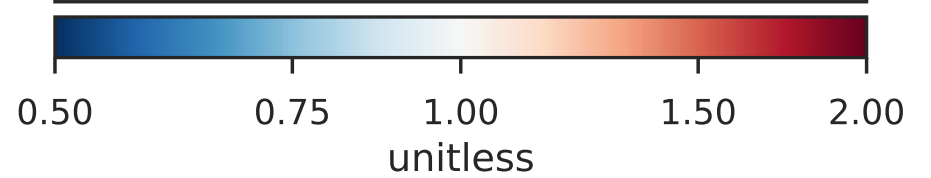
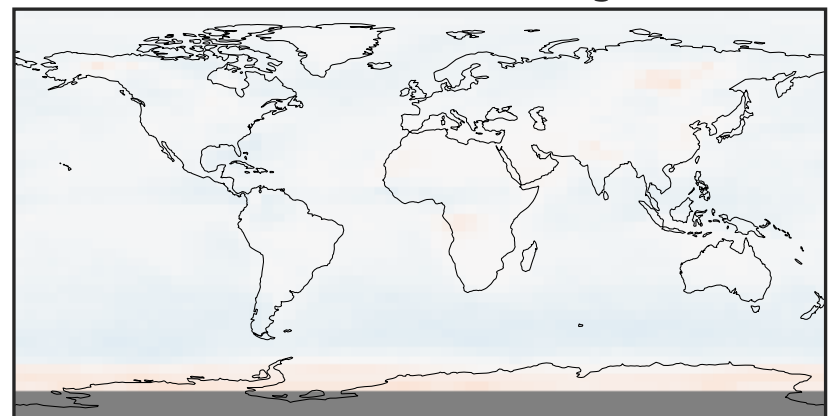
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range



Jval_HC5A (Jul2019)

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



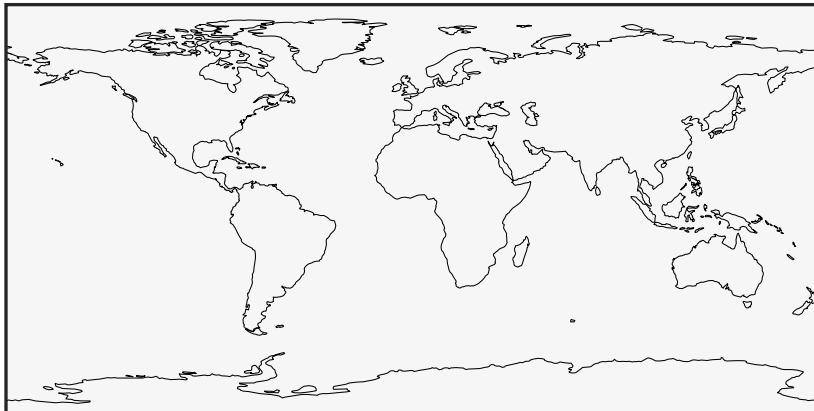
Zero throughput domain
s-1

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



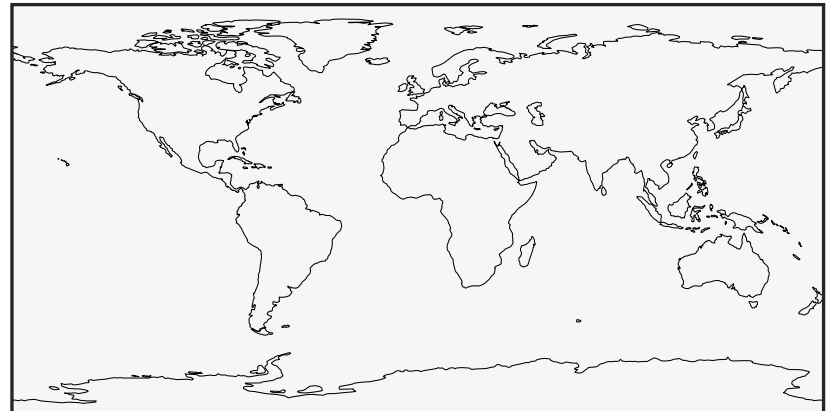
Zero throughput domain
s-1

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

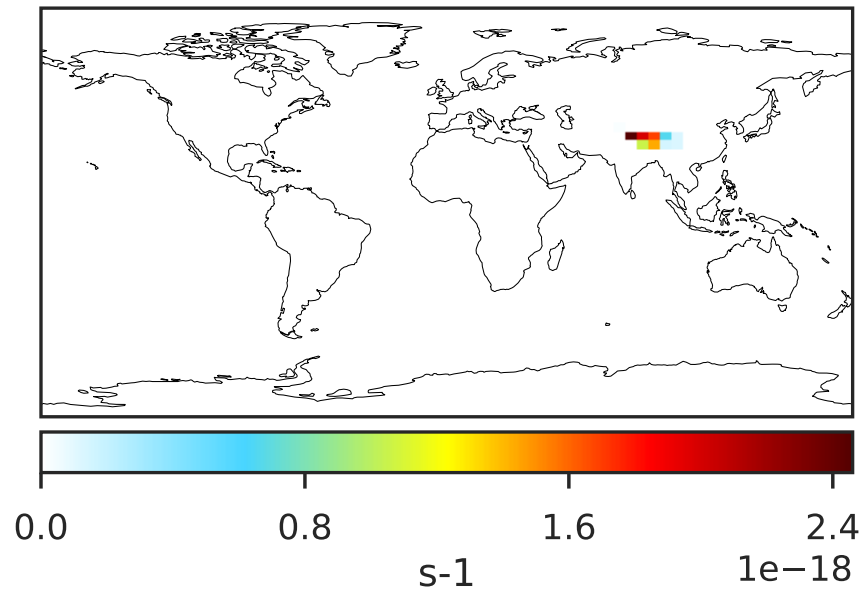
Ratio
Dev/Ref, Fixed Range



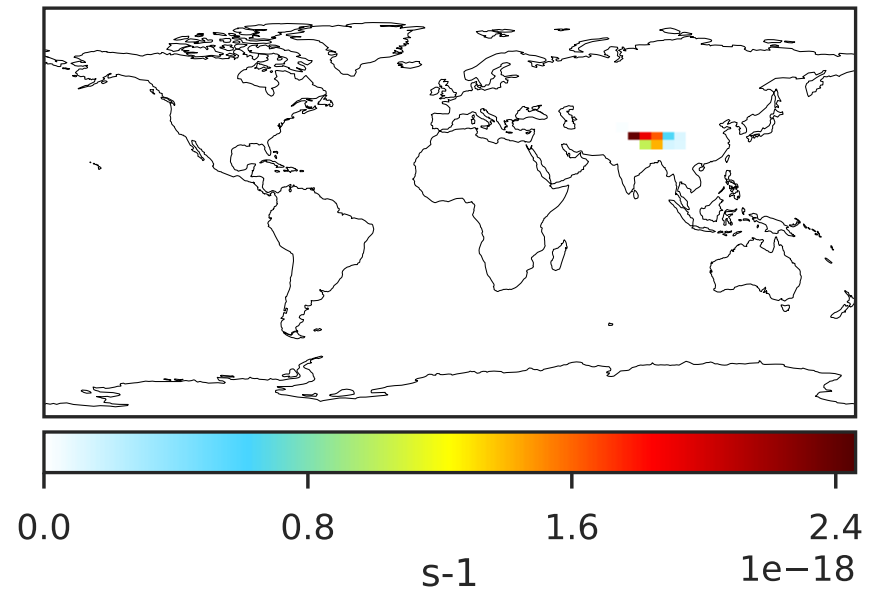
Undefined throughput domain
unitless

Jval_HCFC123 (Jul2019)

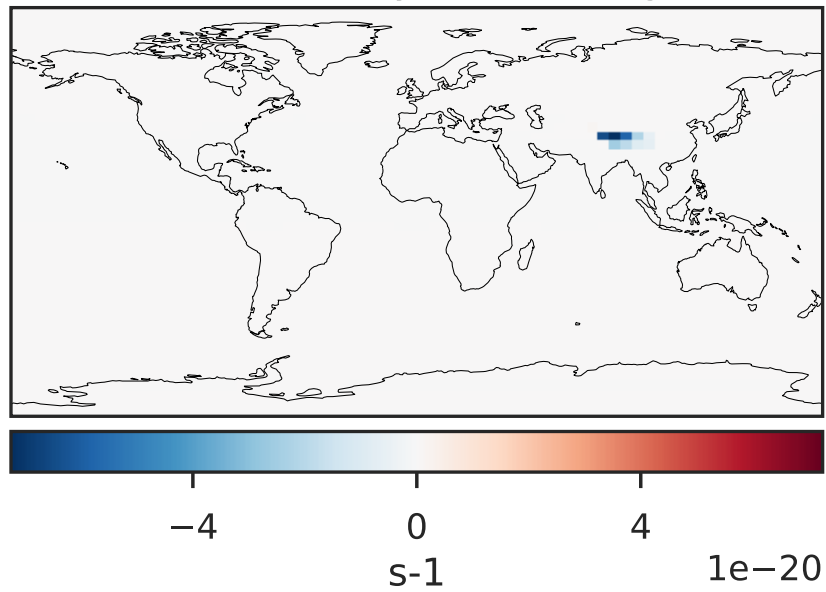
14.2.0-rc.2 (Ref)
4.0x5.0



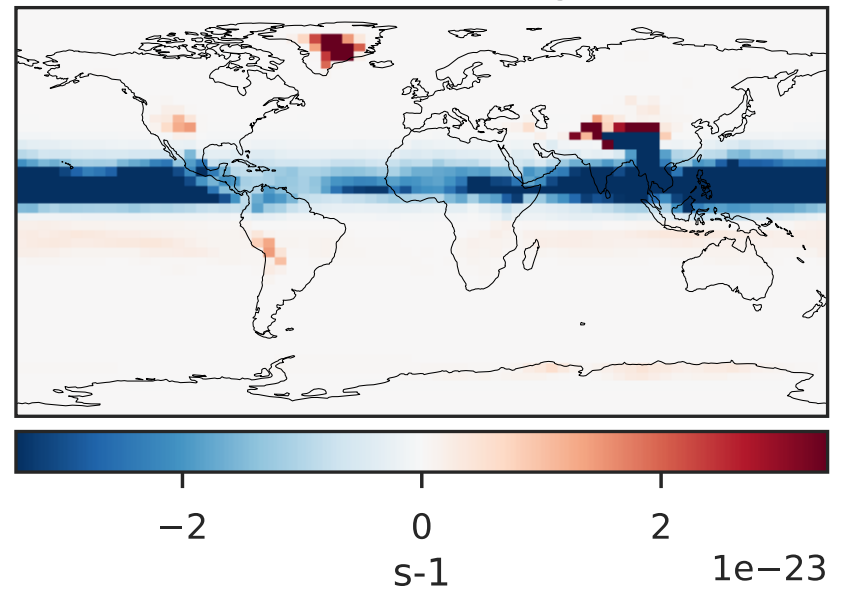
14.3.0-rc.0 (Dev)
4.0x5.0



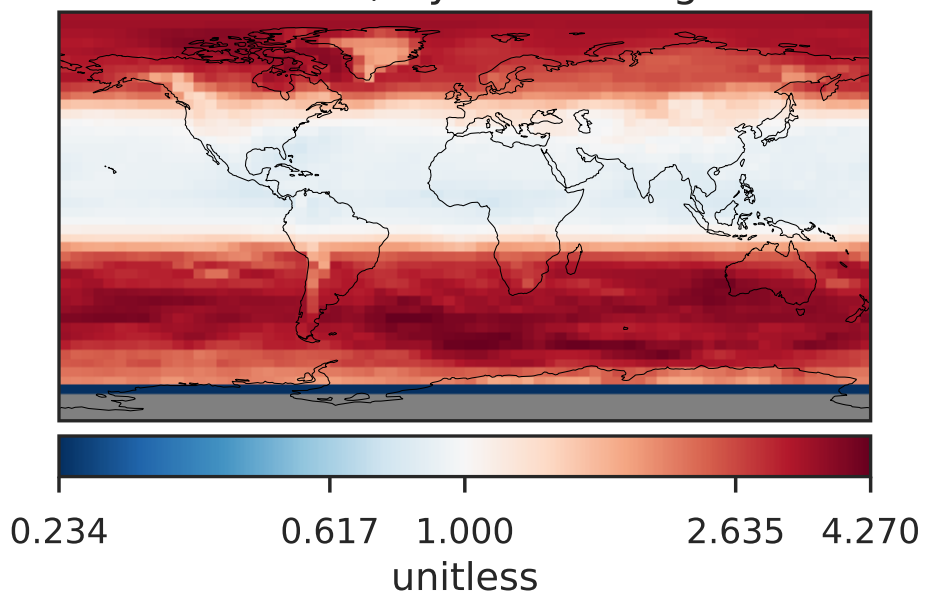
Difference
Dev - Ref, Dynamic Range



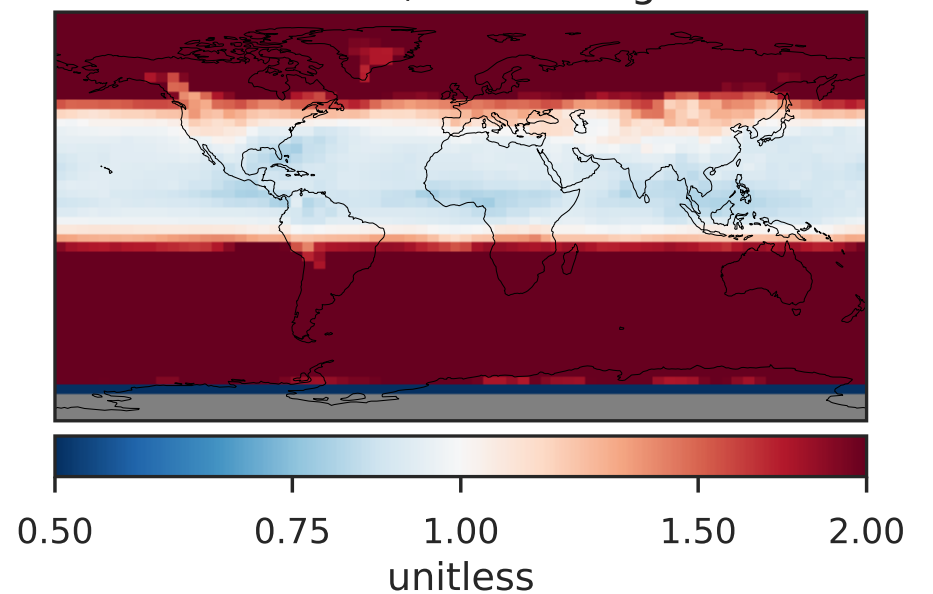
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

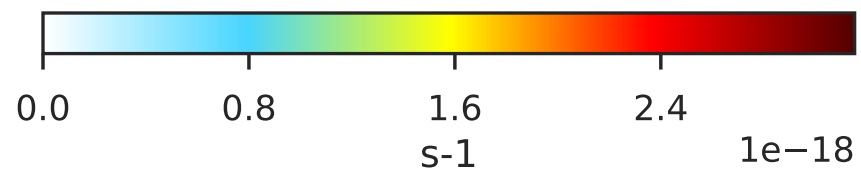
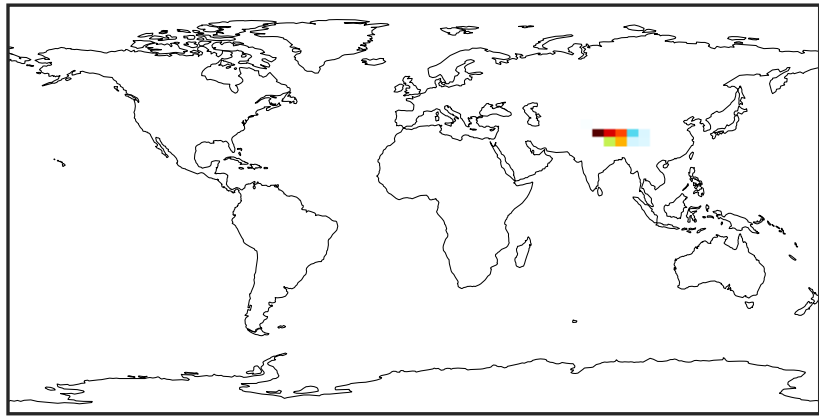


Ratio
Dev/Ref, Fixed Range

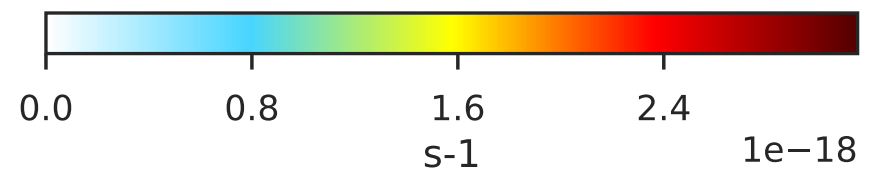
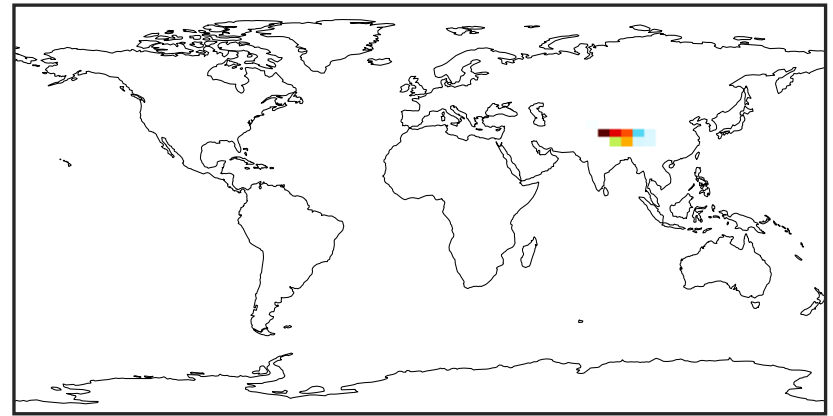


Jval_HCFC141b (Jul2019)

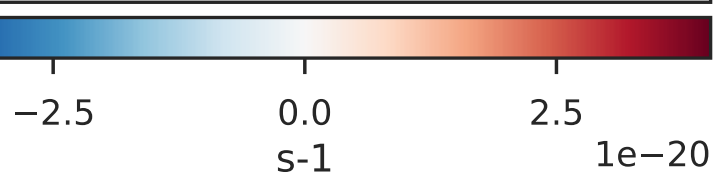
14.2.0-rc.2 (Ref)
4.0x5.0



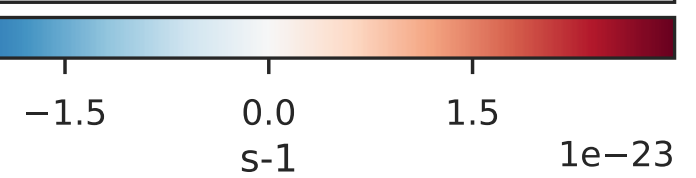
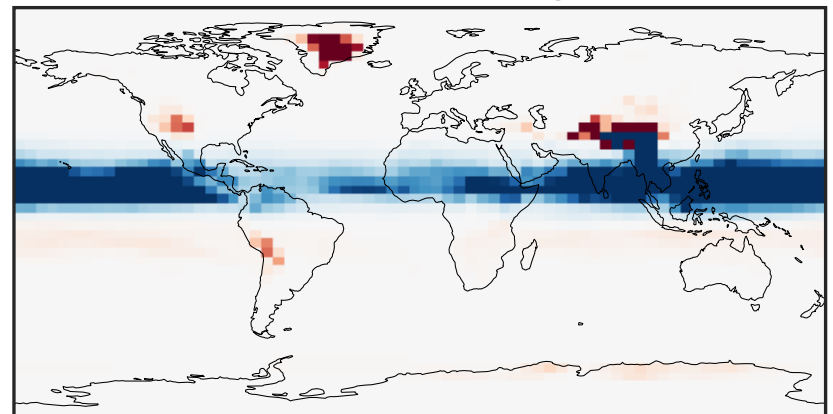
14.3.0-rc.0 (Dev)
4.0x5.0



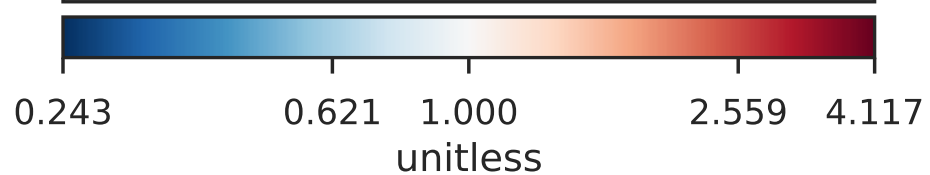
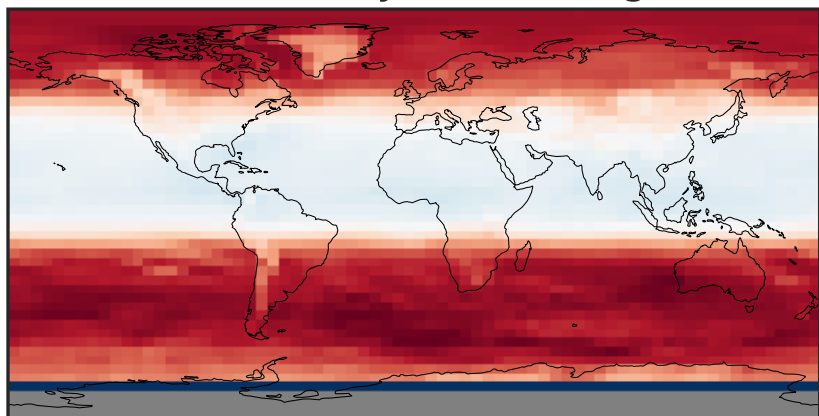
Difference
Dev - Ref, Dynamic Range



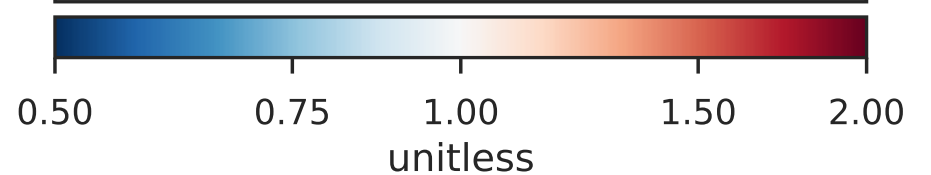
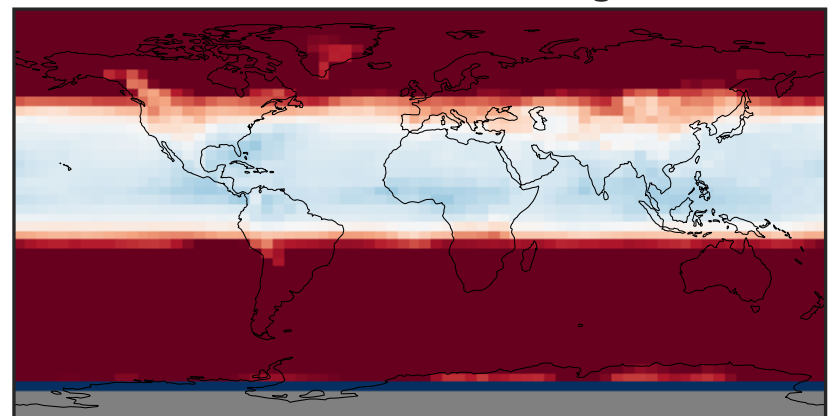
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

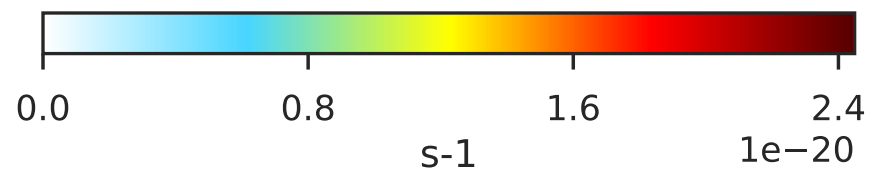
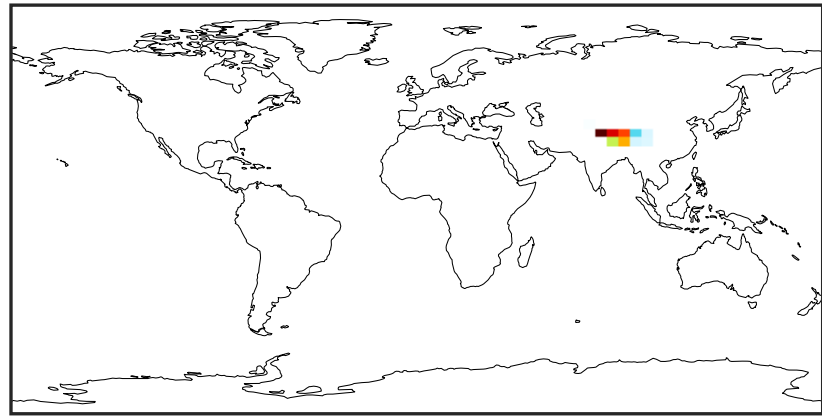


Ratio
Dev/Ref, Fixed Range

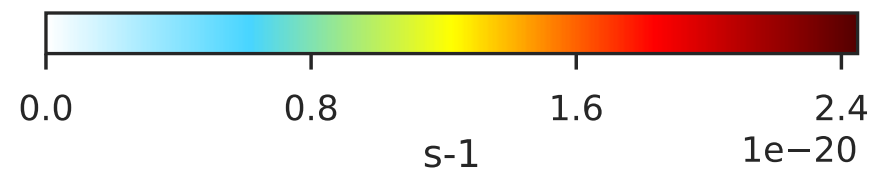
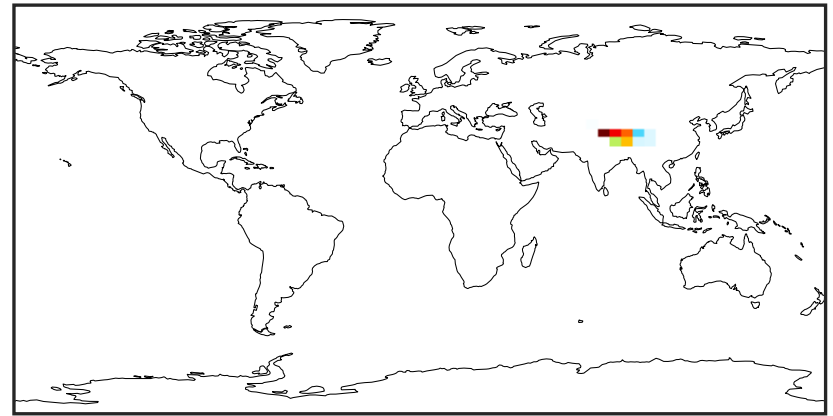


Jval_HCFC142b (Jul2019)

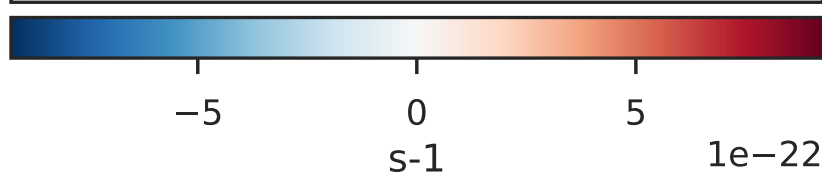
14.2.0-rc.2 (Ref)
4.0x5.0



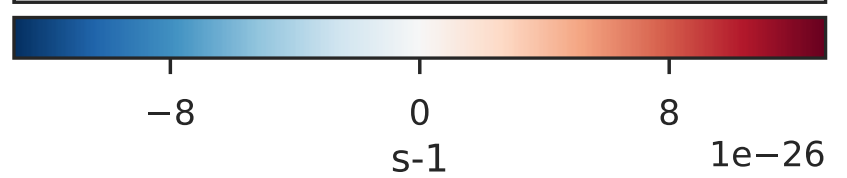
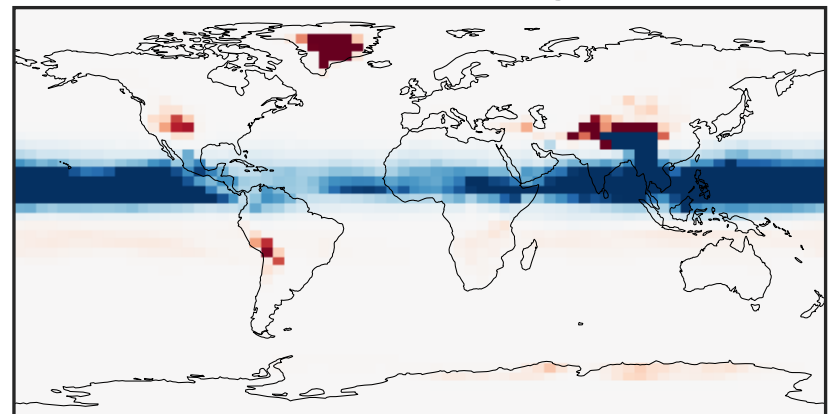
14.3.0-rc.0 (Dev)
4.0x5.0



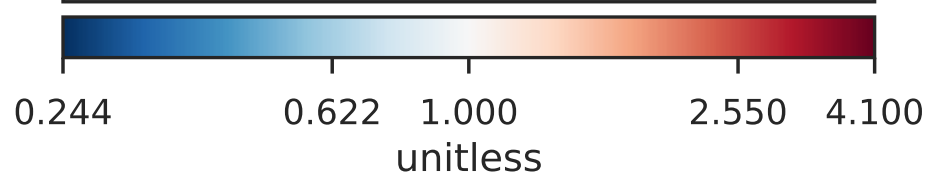
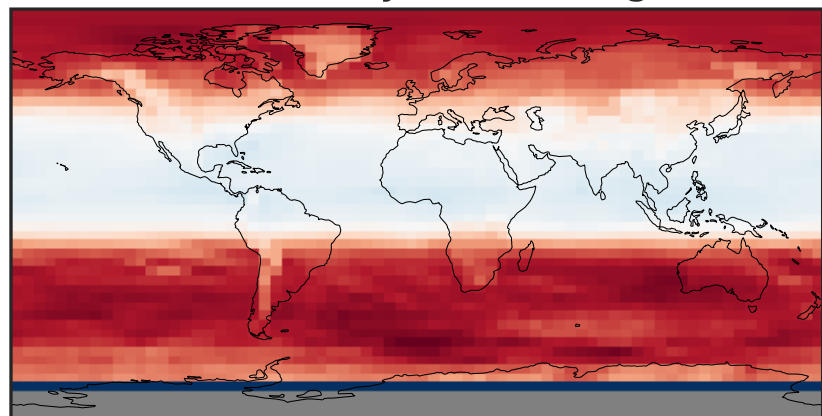
Difference
Dev - Ref, Dynamic Range



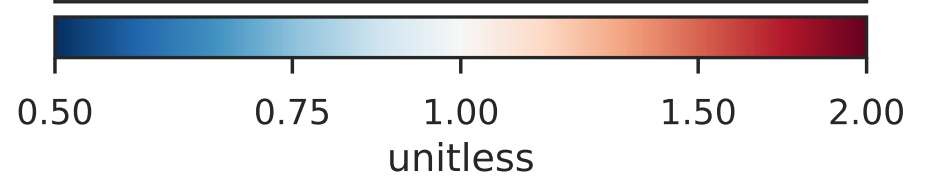
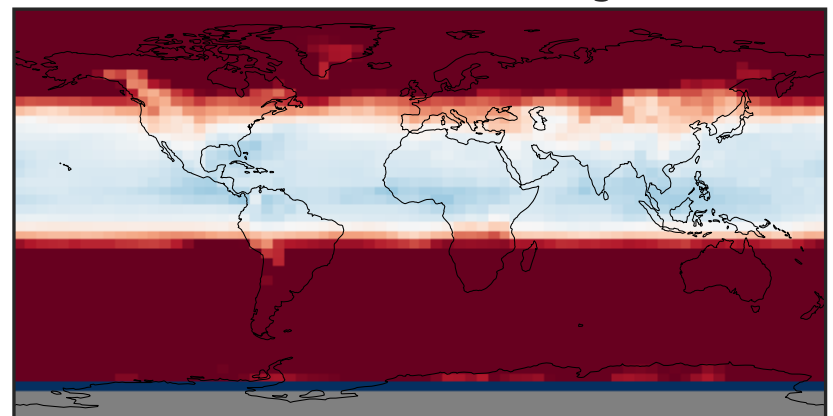
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

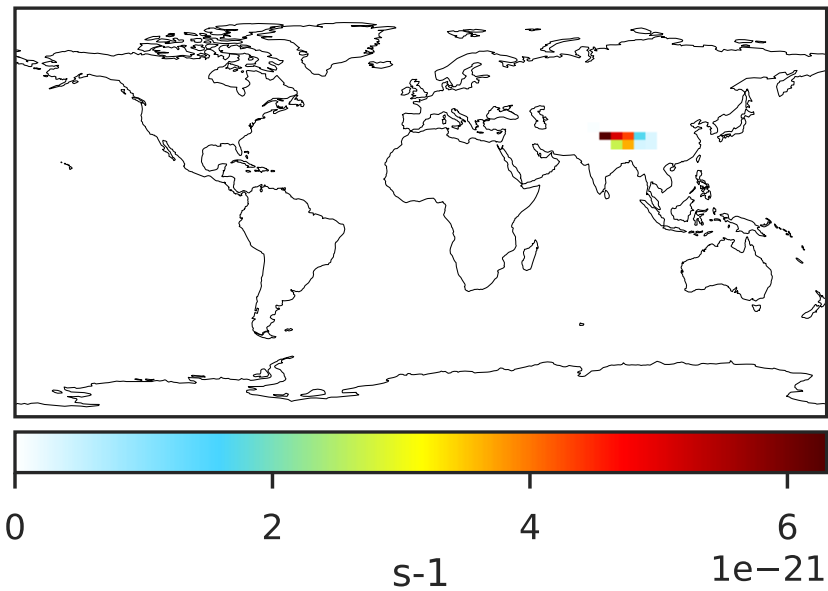


Ratio
Dev/Ref, Fixed Range

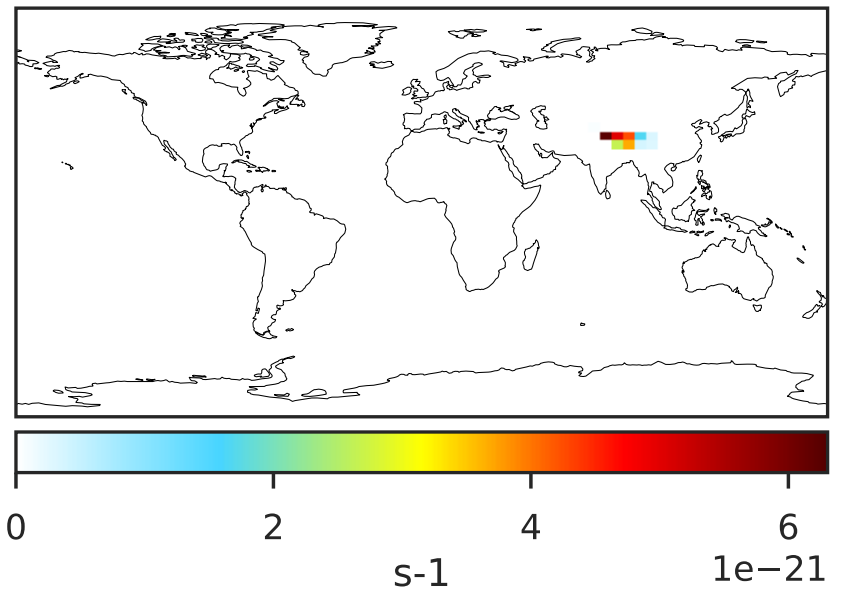


Jval_HCFC22 (Jul2019)

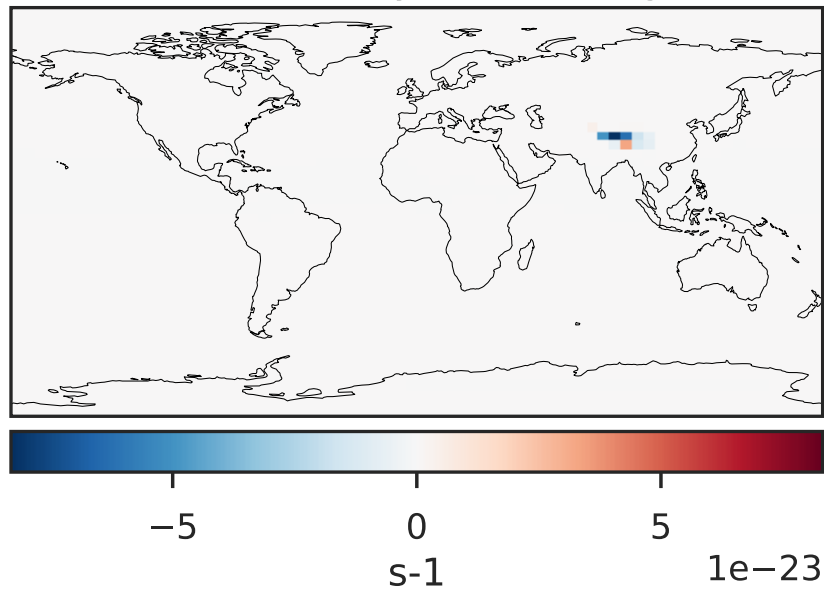
14.2.0-rc.2 (Ref)
4.0x5.0



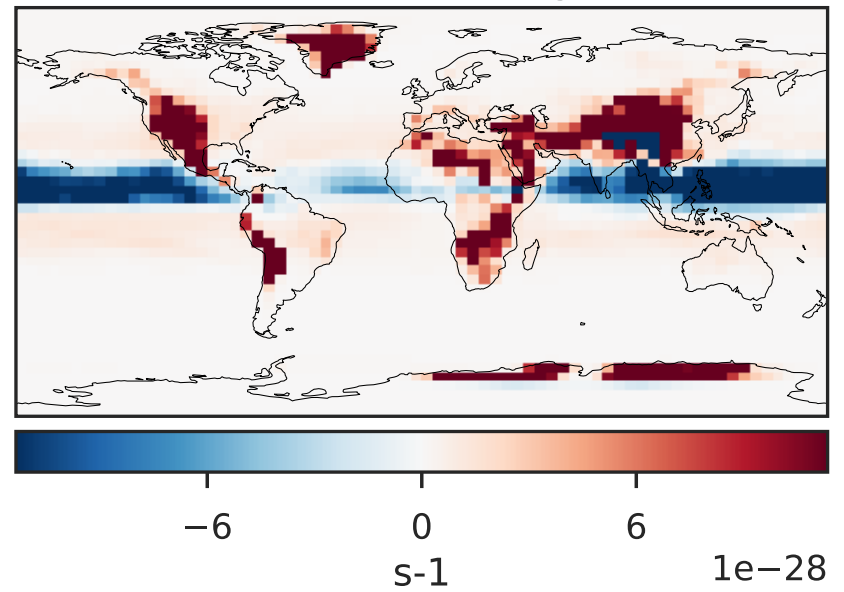
14.3.0-rc.0 (Dev)
4.0x5.0



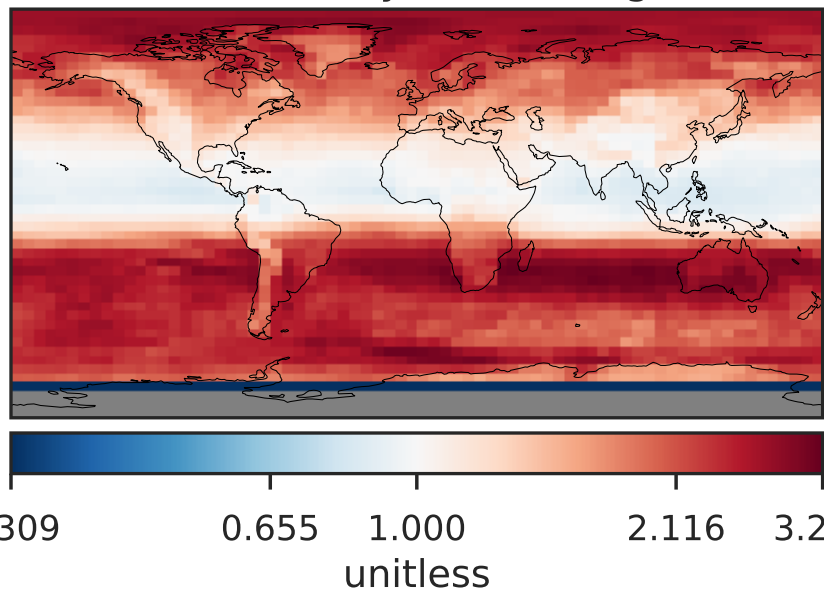
Difference
Dev - Ref, Dynamic Range



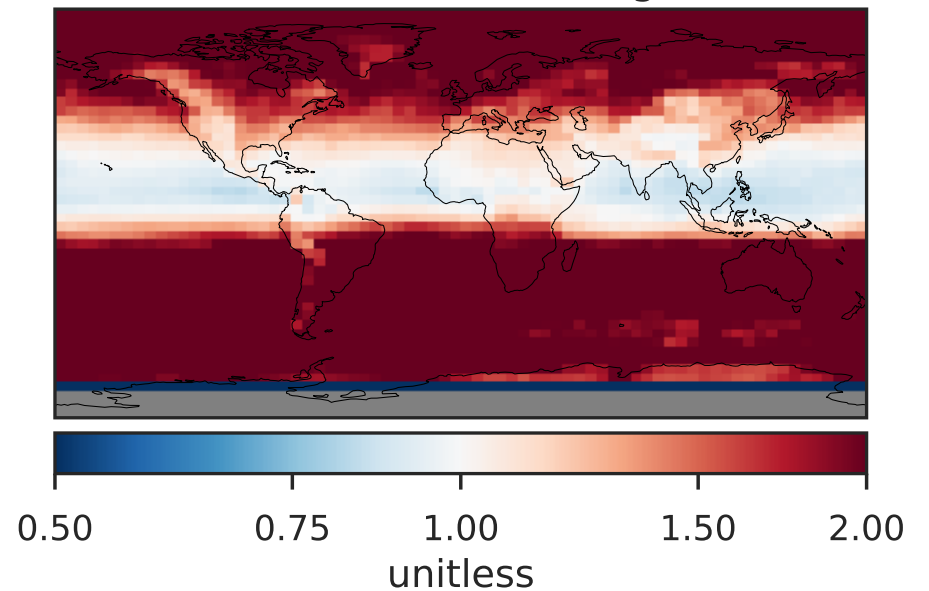
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

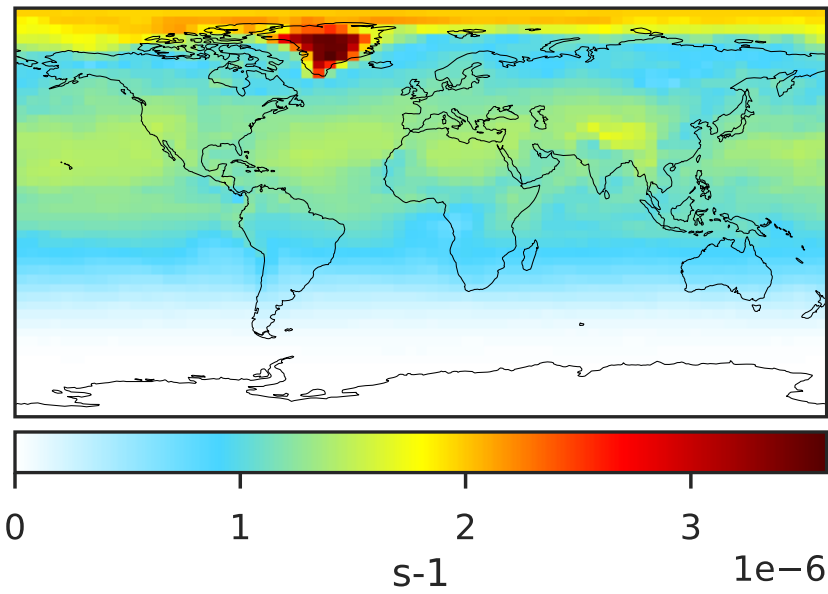


Ratio
Dev/Ref, Fixed Range

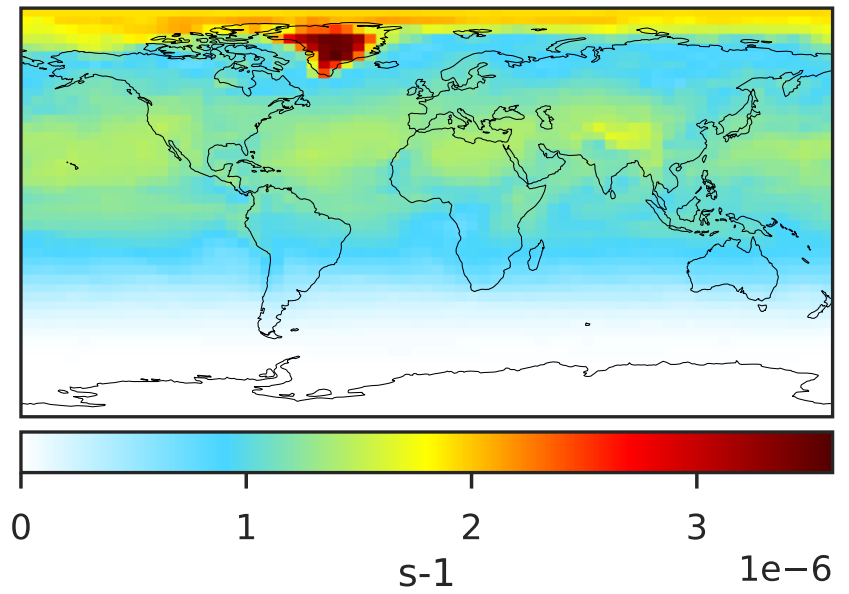


Jval_HMHP (Jul2019)

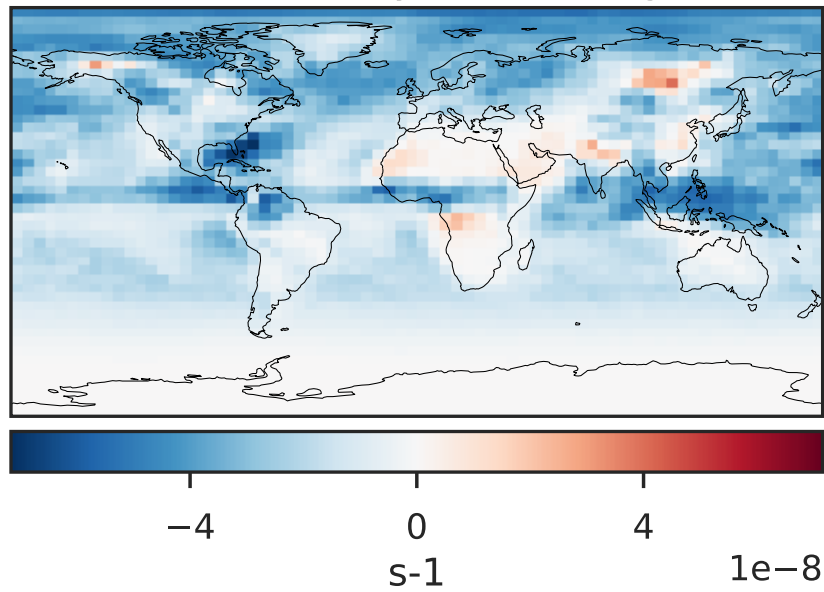
14.2.0-rc.2 (Ref)
4.0x5.0



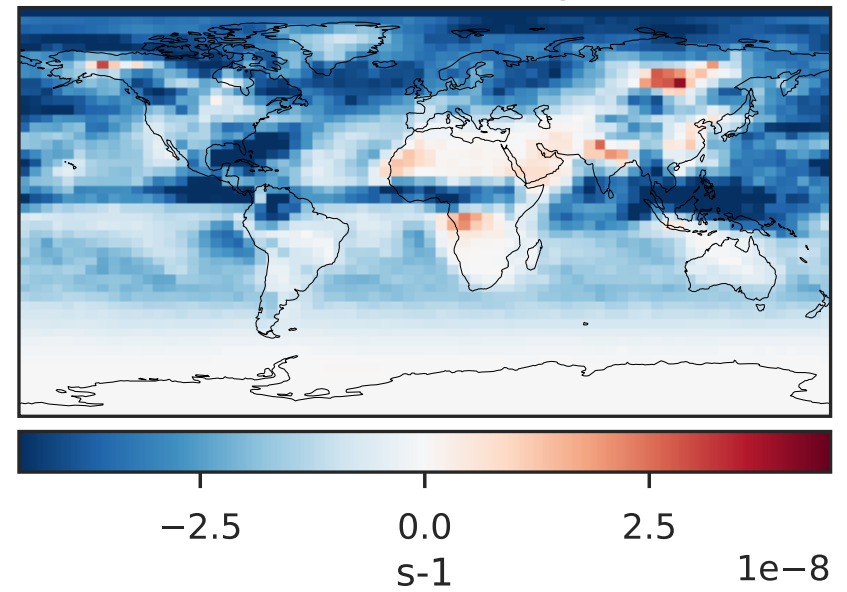
14.3.0-rc.0 (Dev)
4.0x5.0



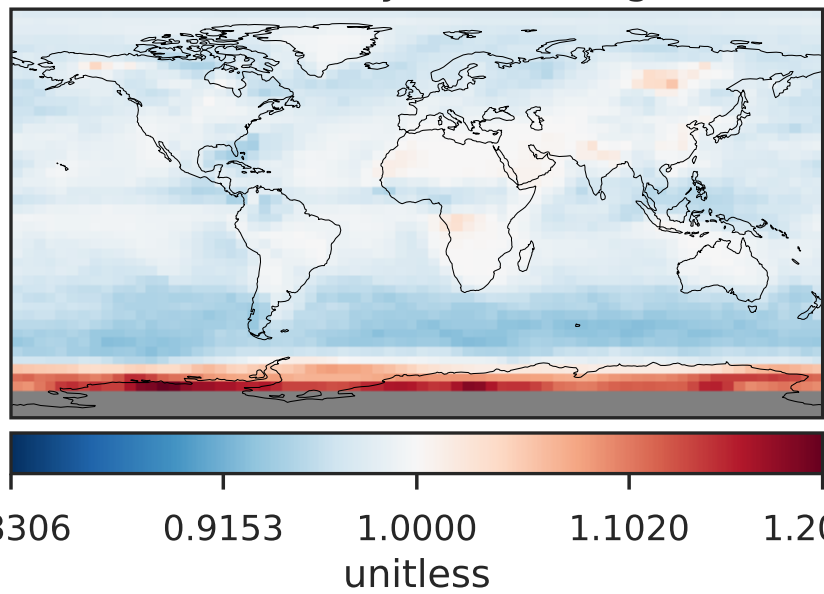
Difference
Dev - Ref, Dynamic Range



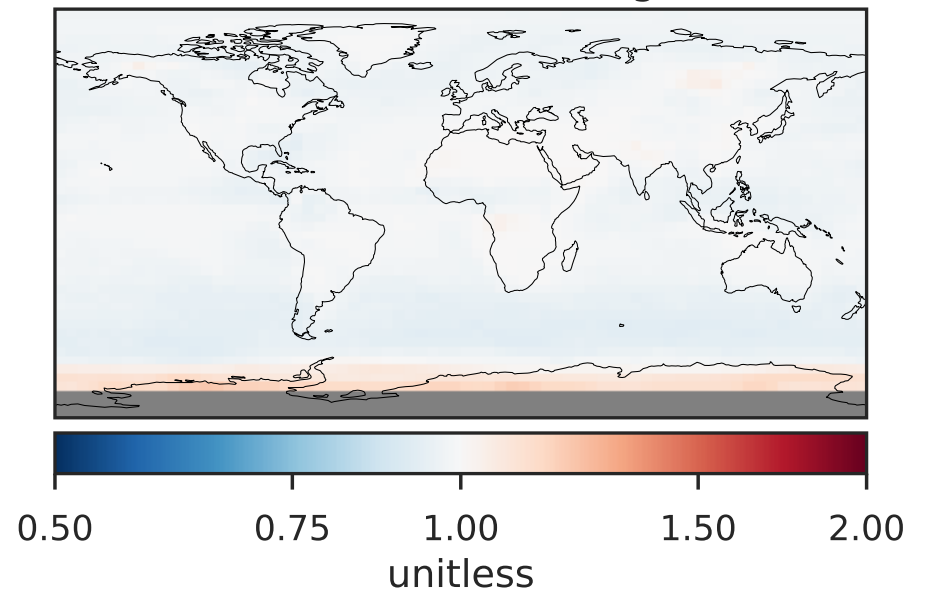
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

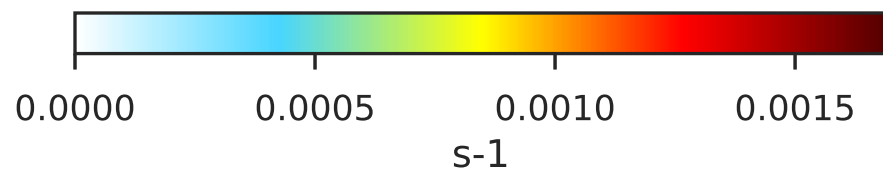
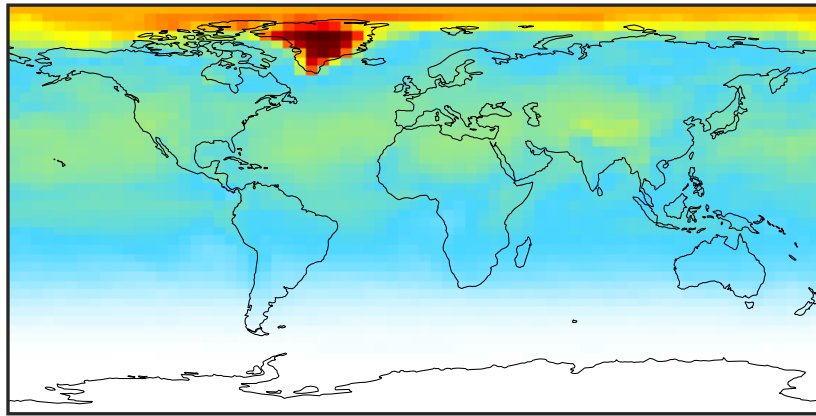


Ratio
Dev/Ref, Fixed Range

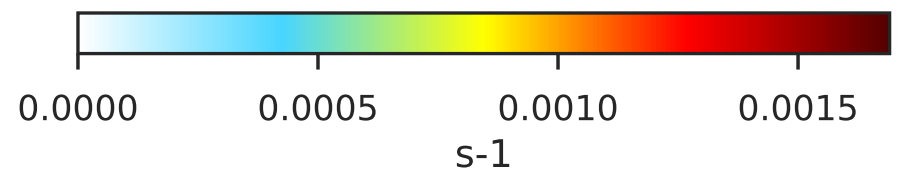
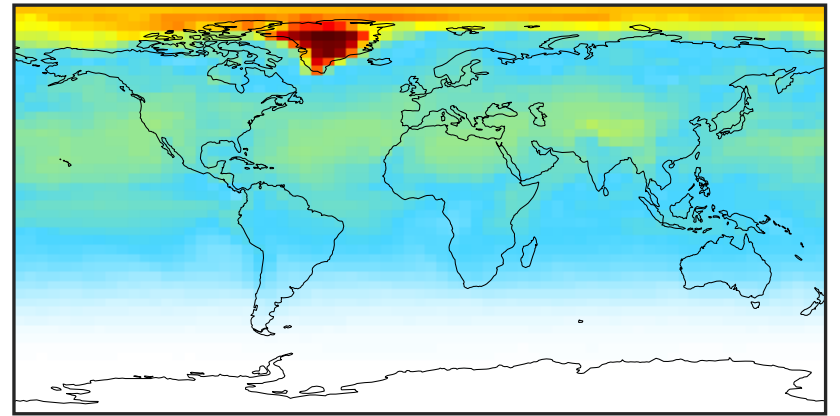


Jval_HNO2 (Jul2019)

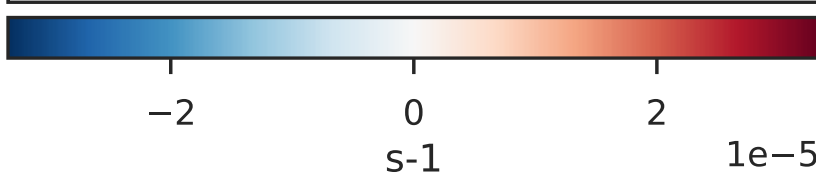
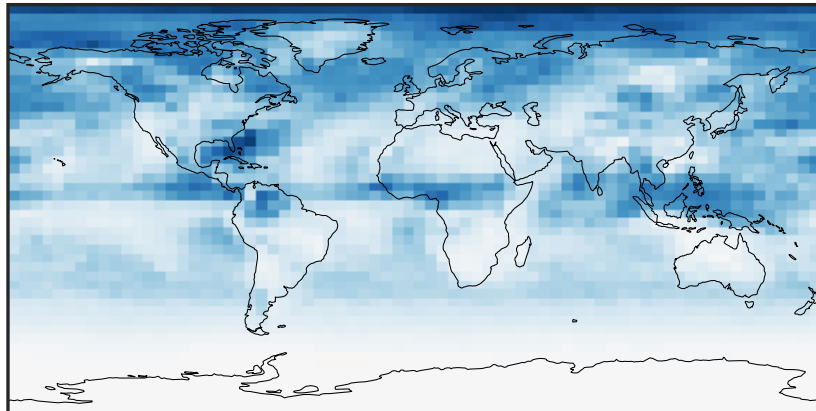
14.2.0-rc.2 (Ref)
4.0x5.0



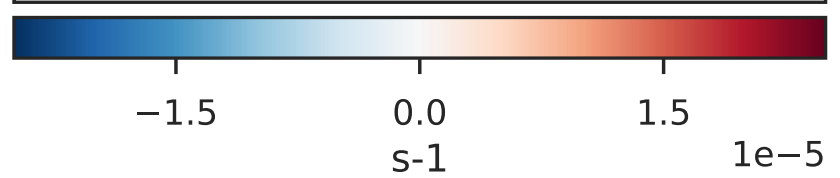
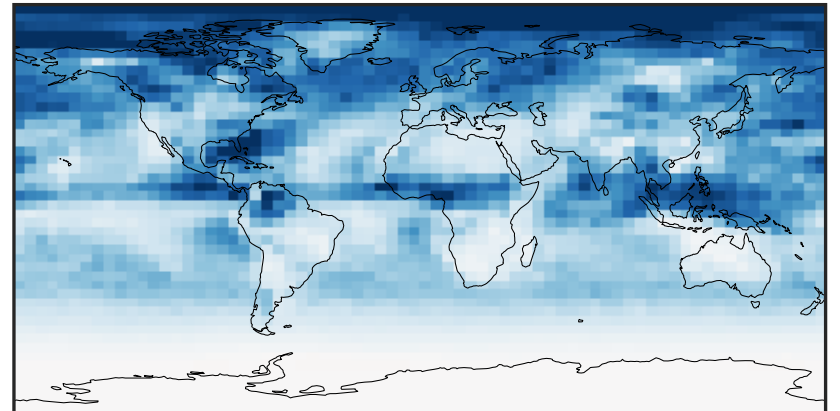
14.3.0-rc.0 (Dev)
4.0x5.0



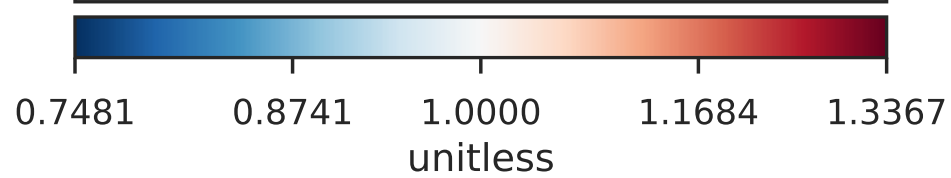
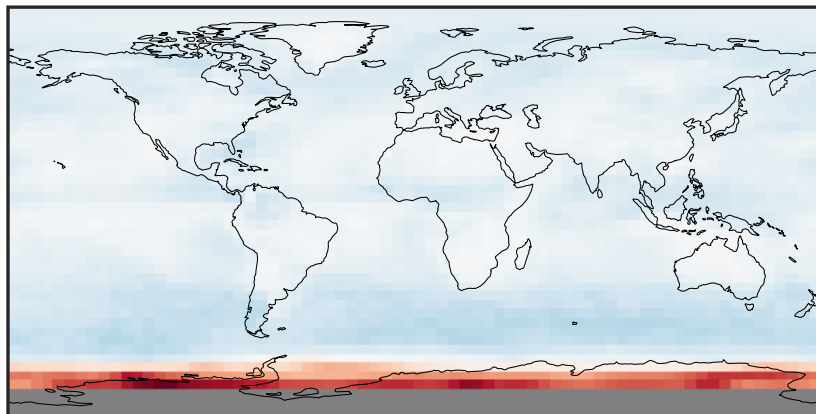
Difference
Dev - Ref, Dynamic Range



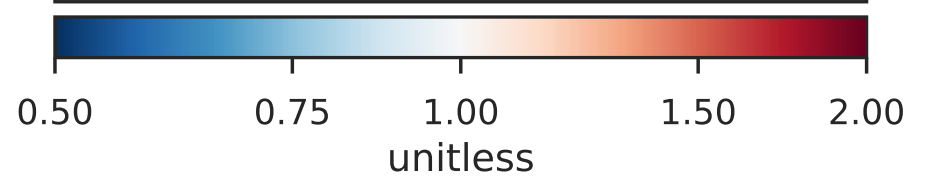
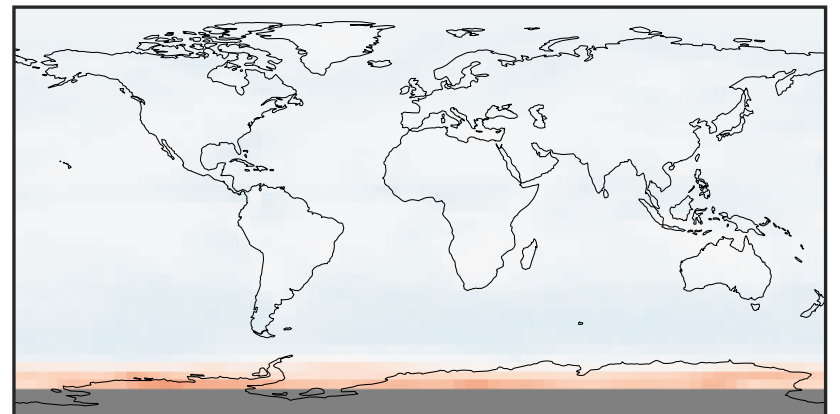
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

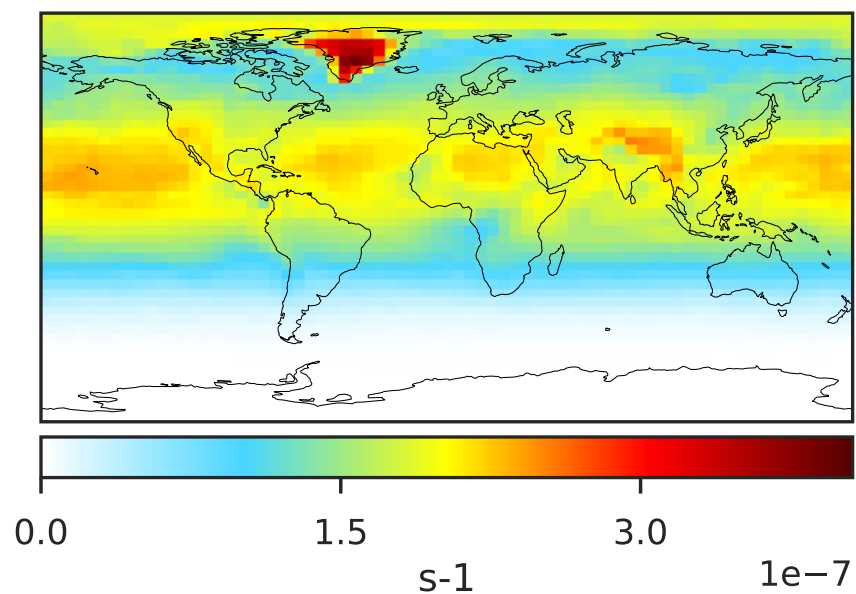


Ratio
Dev/Ref, Fixed Range

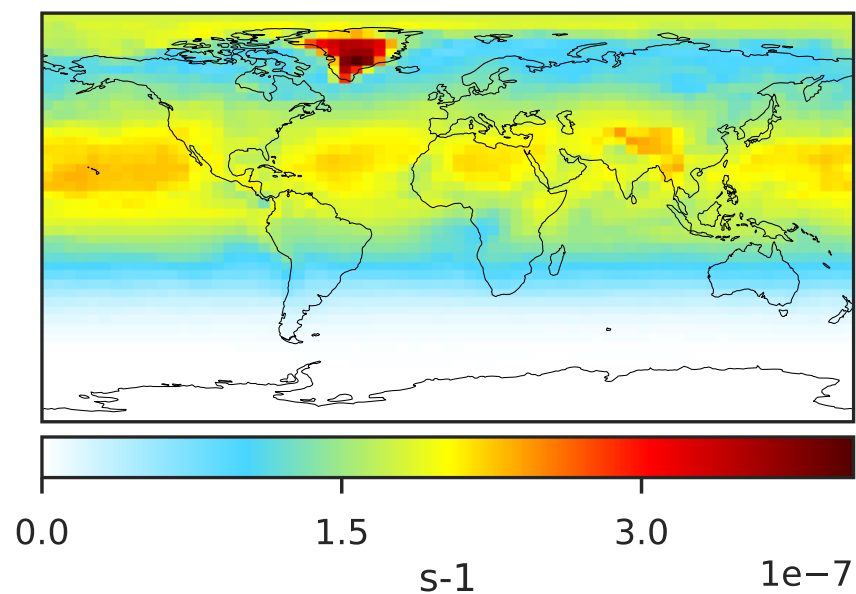


Jval_HNO3 (Jul2019)

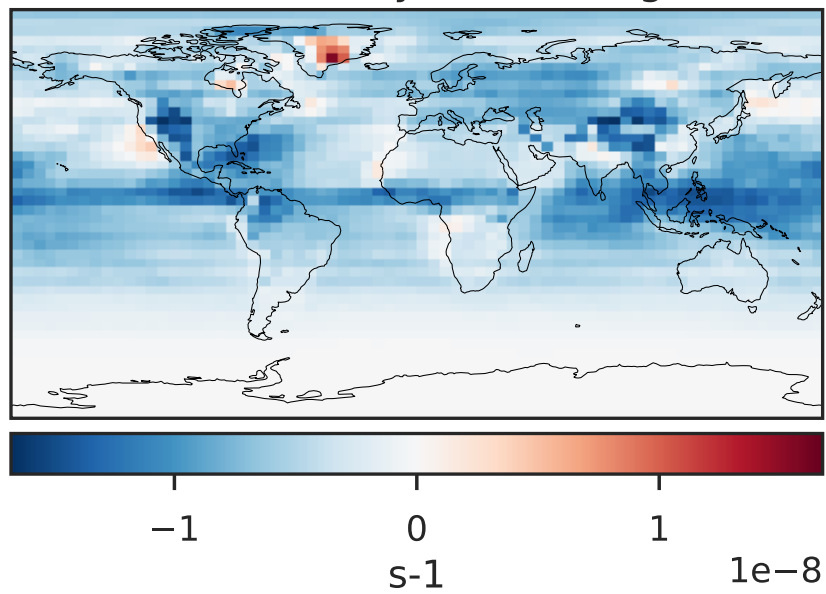
14.2.0-rc.2 (Ref)
4.0x5.0



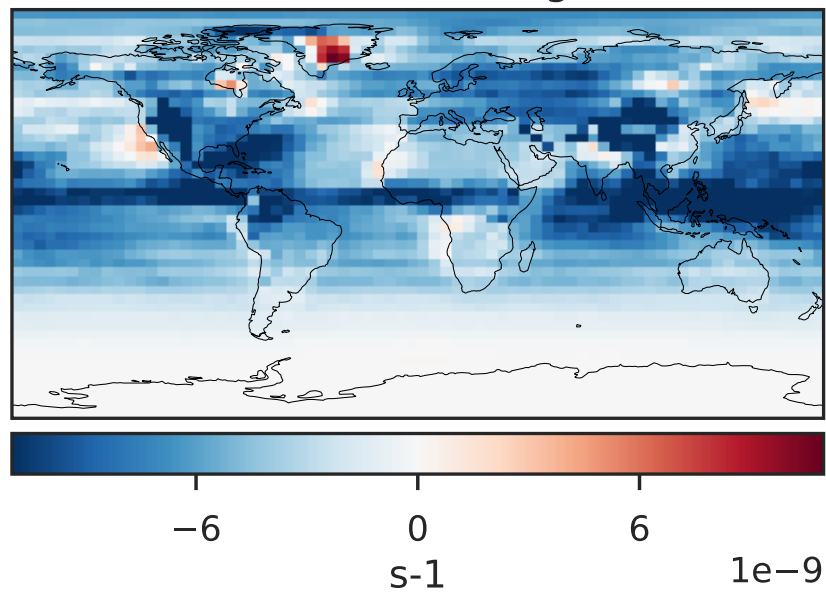
14.3.0-rc.0 (Dev)
4.0x5.0



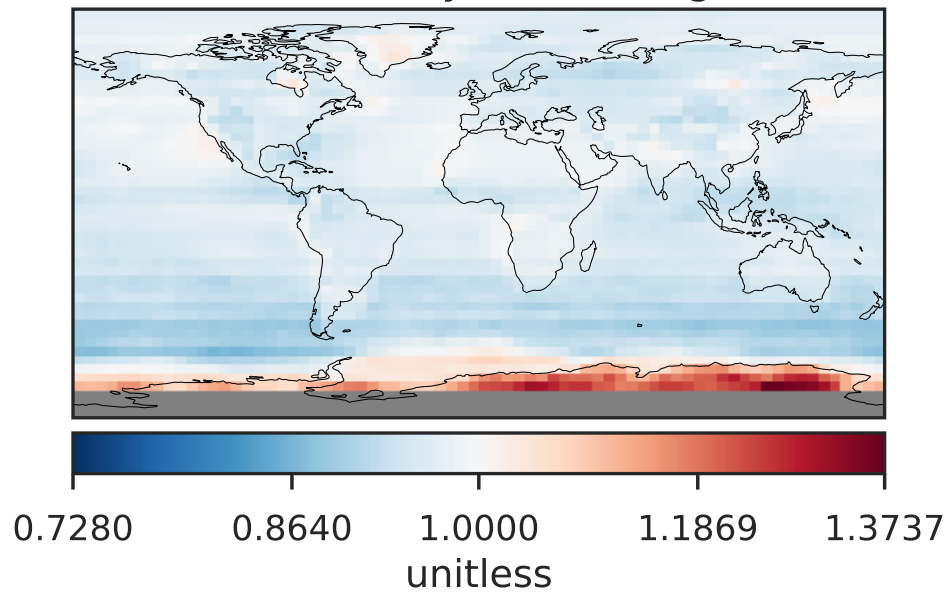
Difference
Dev - Ref, Dynamic Range



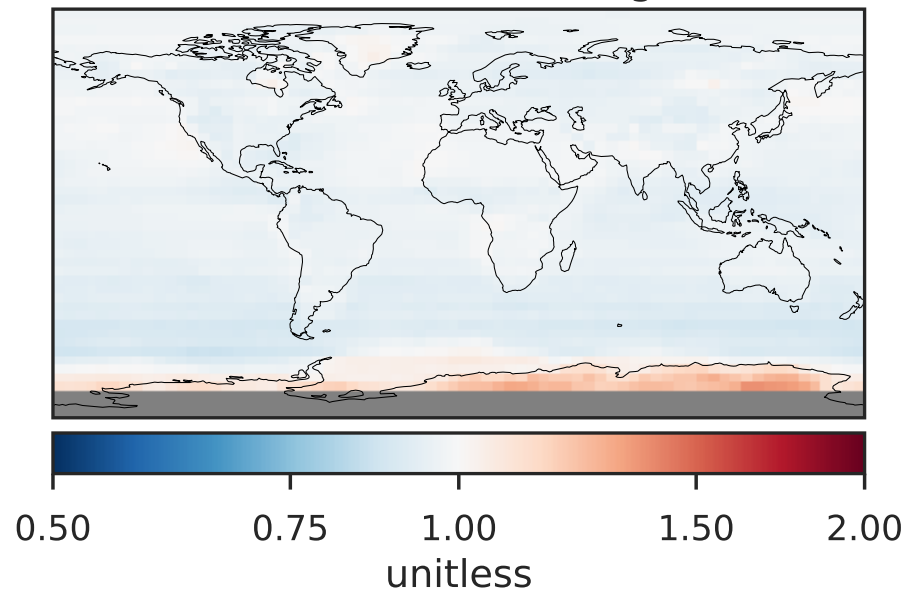
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

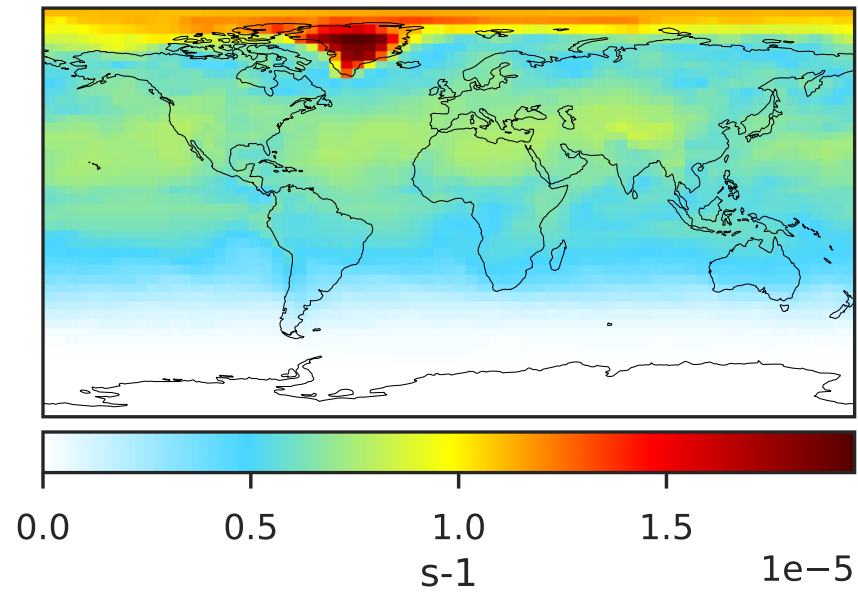


Ratio
Dev/Ref, Fixed Range

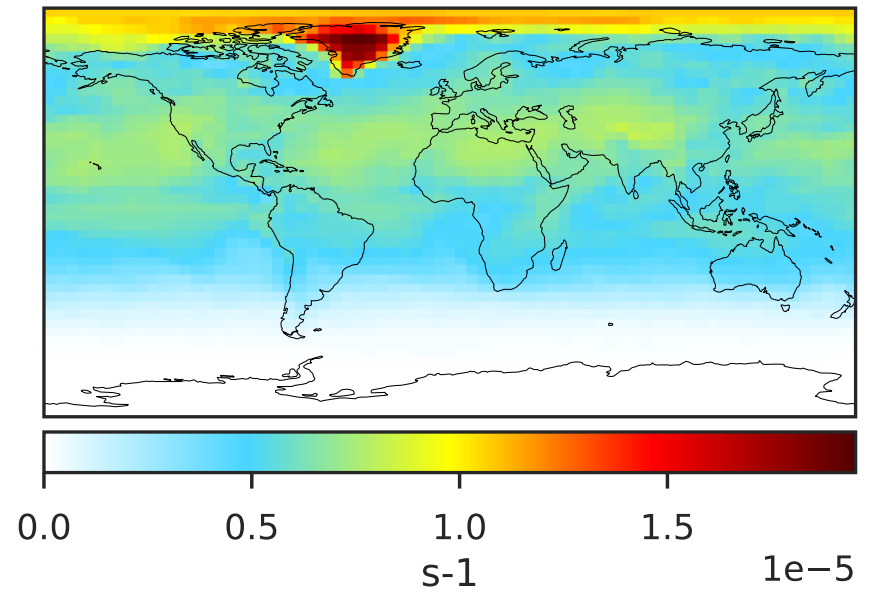


Jval_HNO4 (Jul2019)

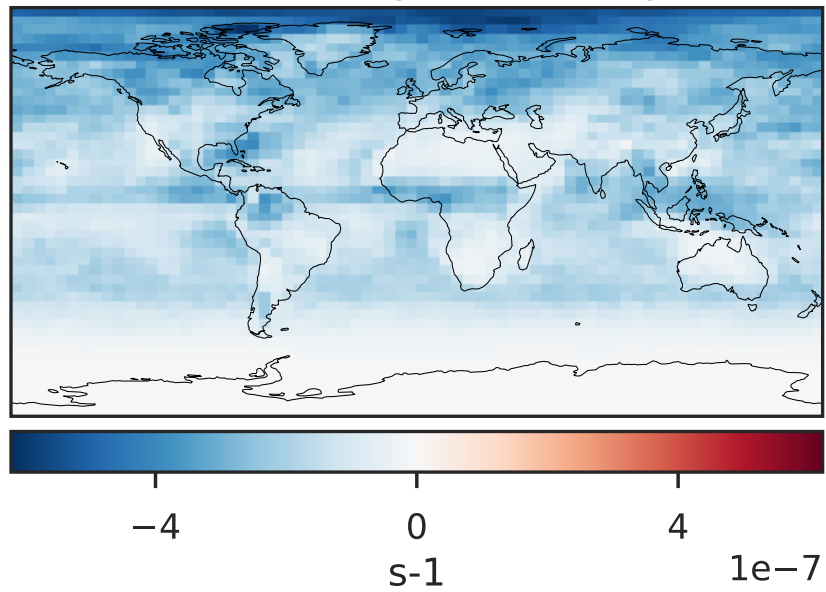
14.2.0-rc.2 (Ref)
4.0x5.0



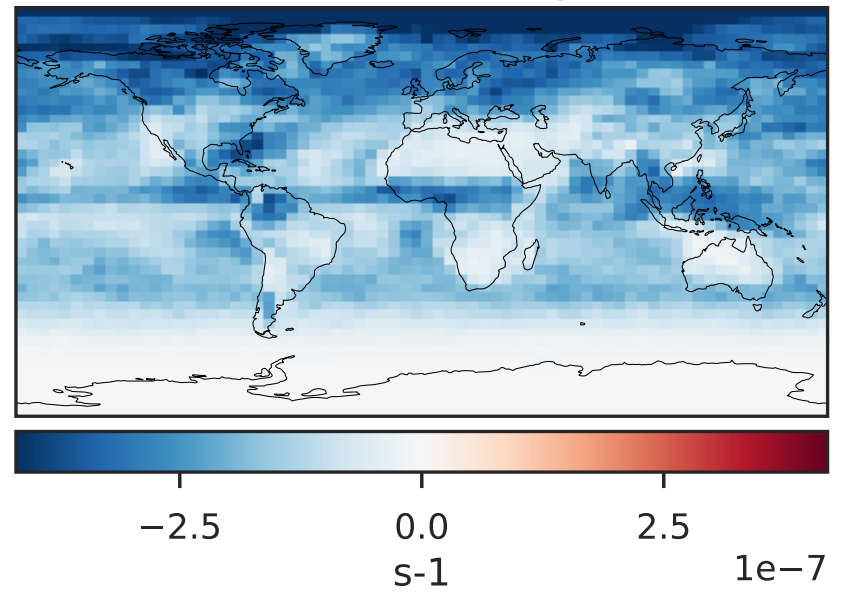
14.3.0-rc.0 (Dev)
4.0x5.0



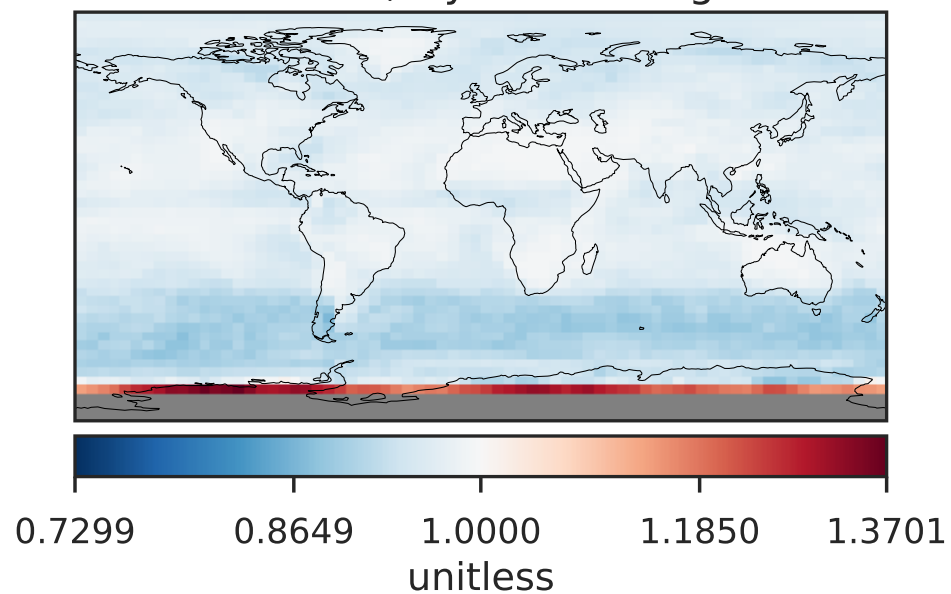
Difference
Dev - Ref, Dynamic Range



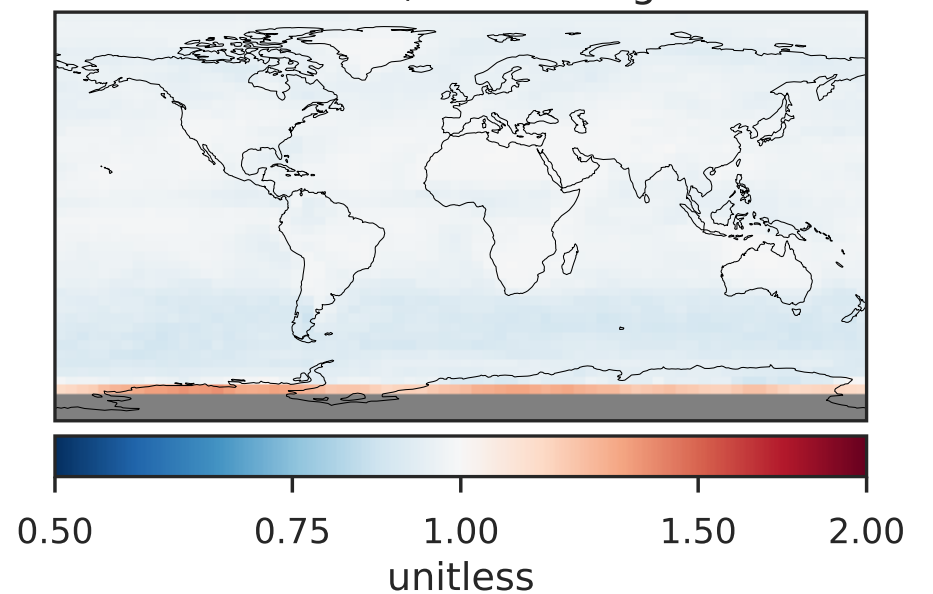
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

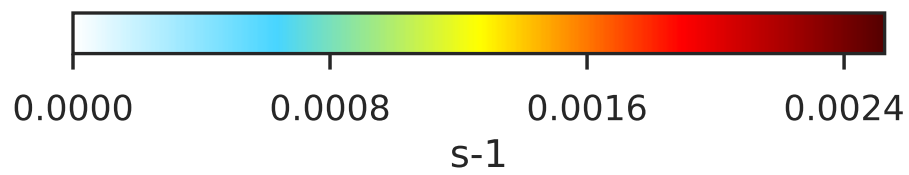
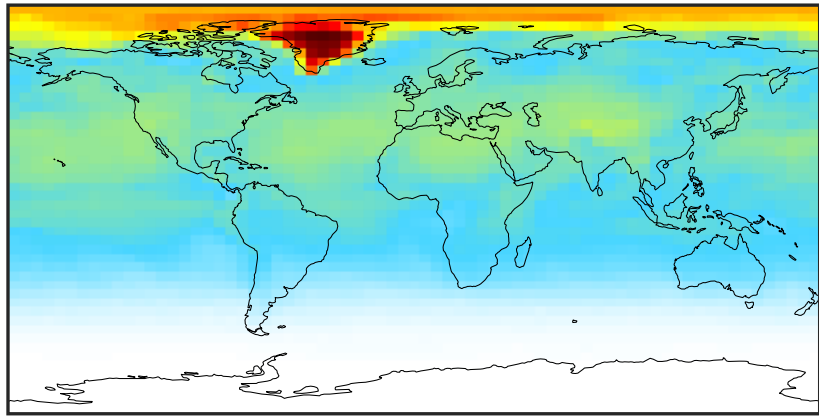


Ratio
Dev/Ref, Fixed Range

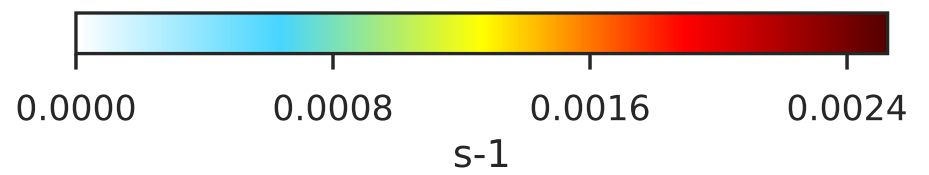
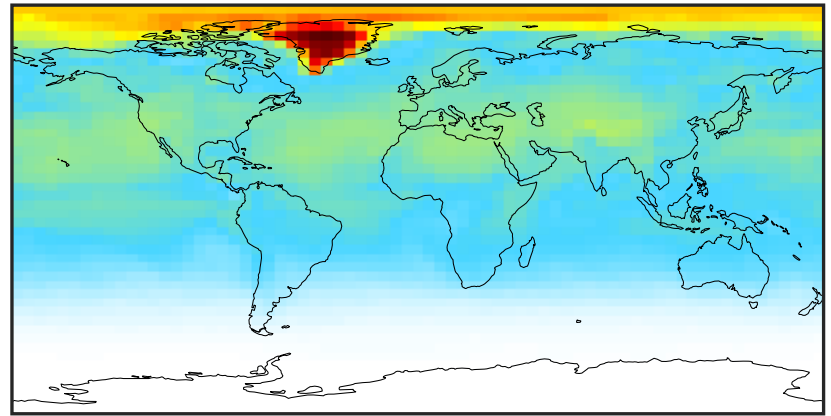


Jval_HOBr (Jul2019)

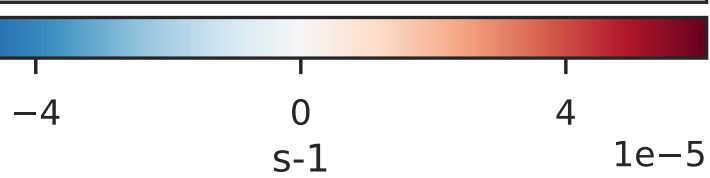
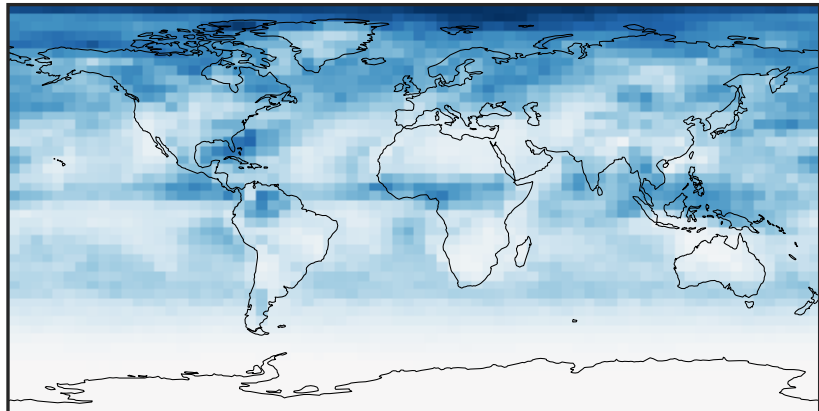
14.2.0-rc.2 (Ref)
4.0x5.0



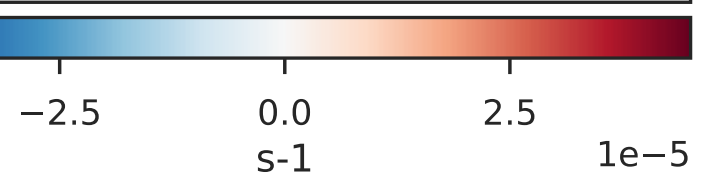
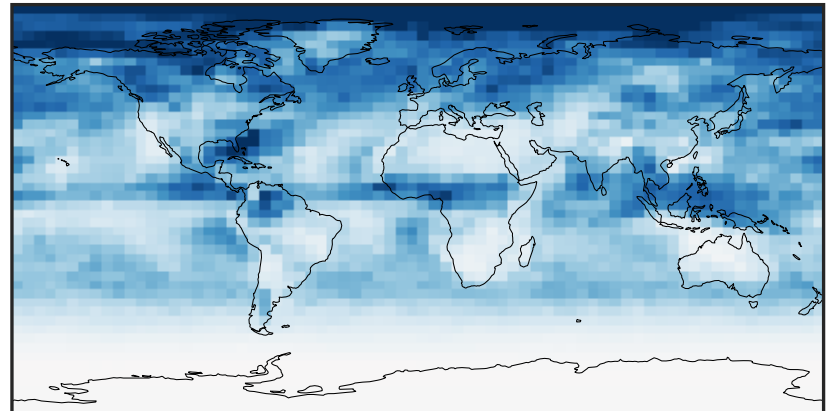
14.3.0-rc.0 (Dev)
4.0x5.0



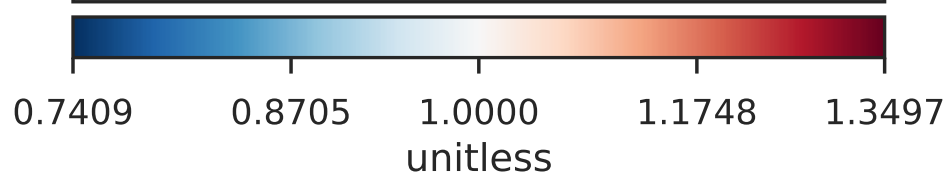
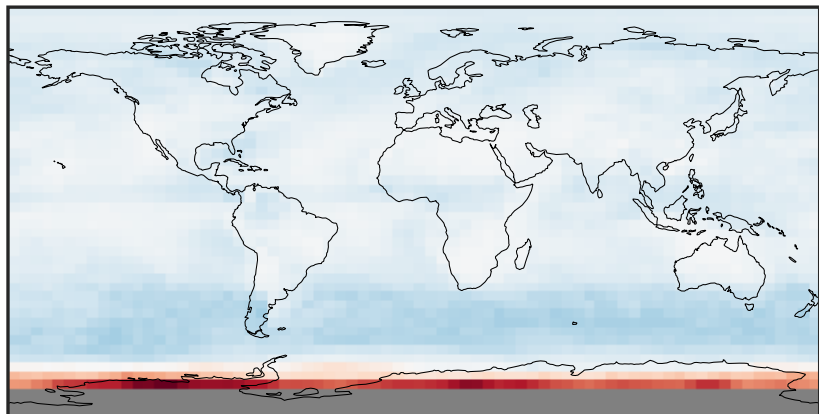
Difference
Dev - Ref, Dynamic Range



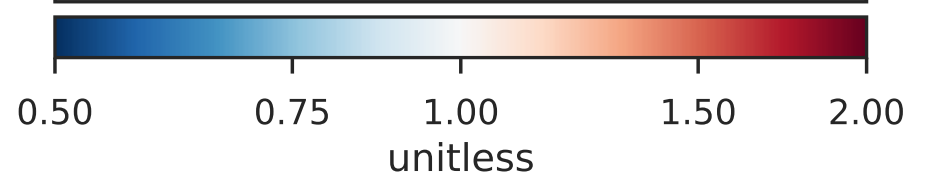
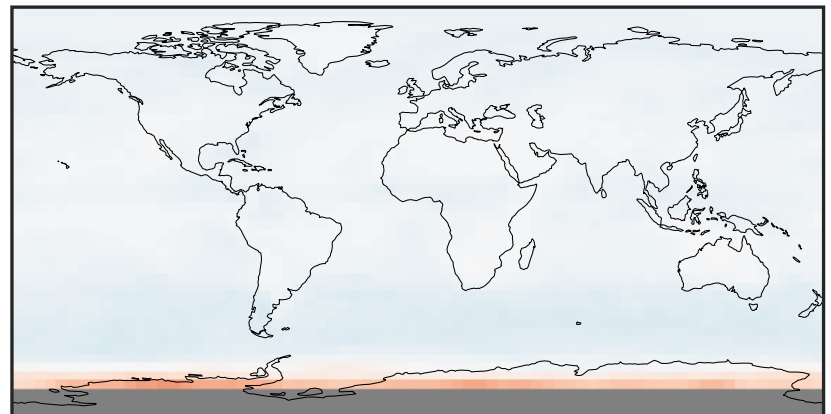
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

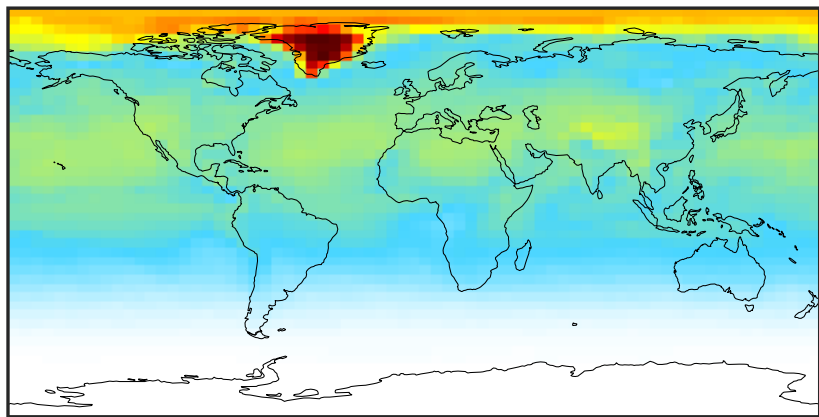


Ratio
Dev/Ref, Fixed Range



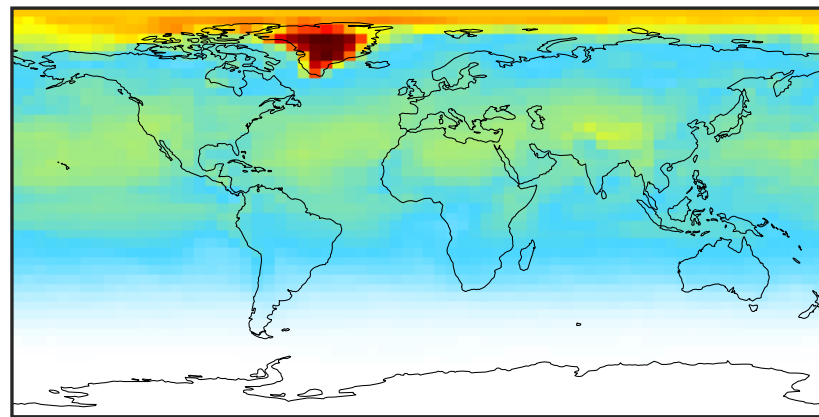
Jval_HOCl (Jul2019)

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



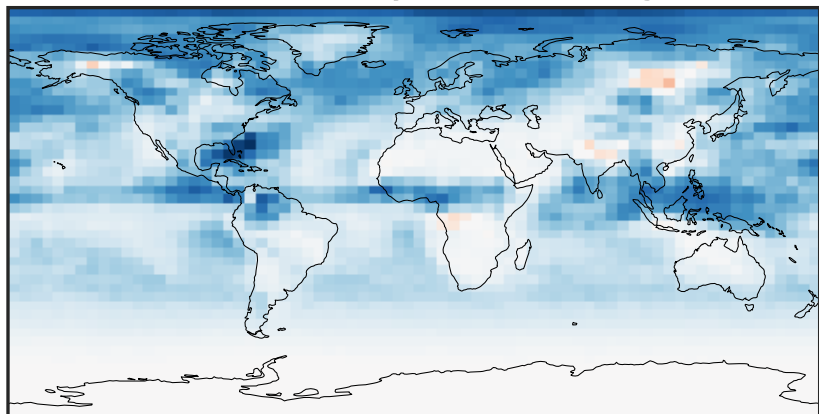
0.00000 0.00008 0.00016 0.00024
s-1

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



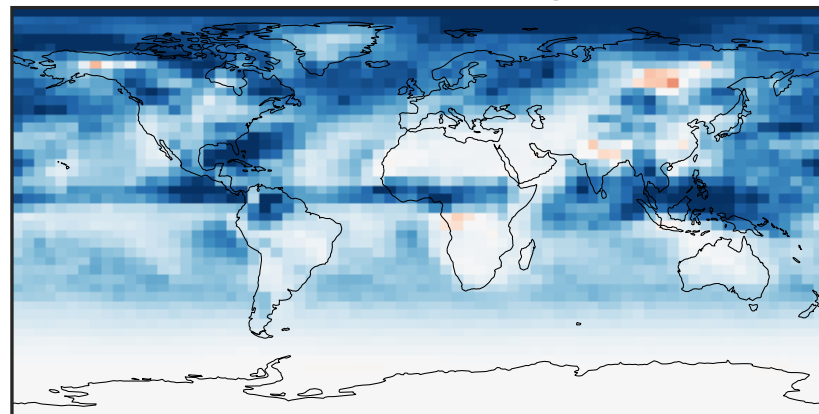
0.00000 0.00008 0.00016 0.00024
s-1

Difference
Dev - Ref, Dynamic Range



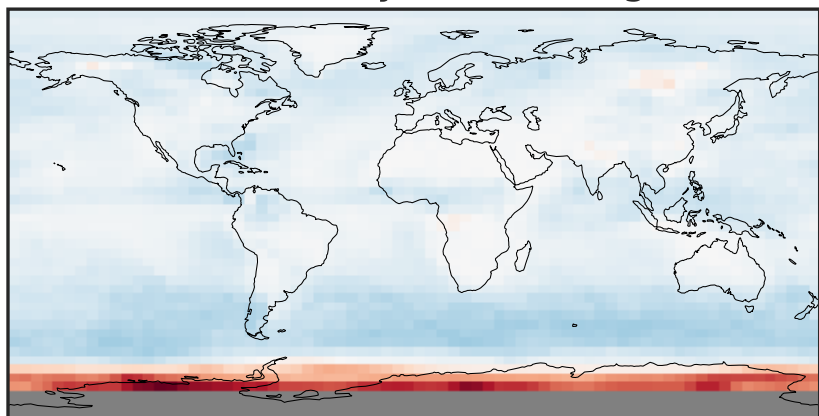
-3 0 3
s-1 1e-6

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



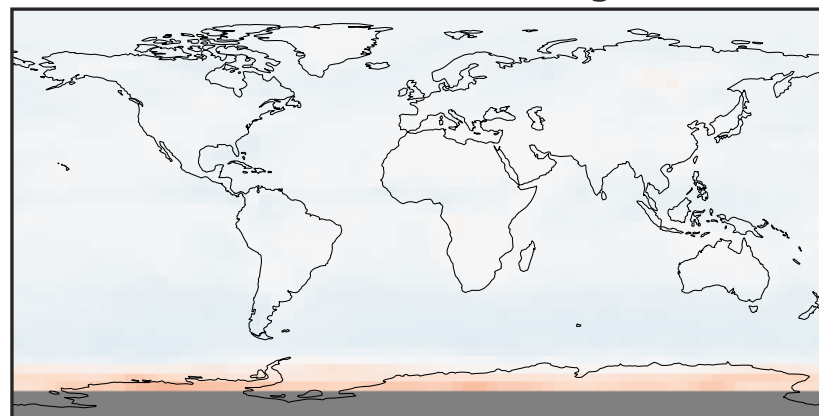
-2 0 2
s-1 1e-6

Ratio
Dev/Ref, Dynamic Range



0.7930 0.8965 1.0000 1.1305 1.2610
unitless

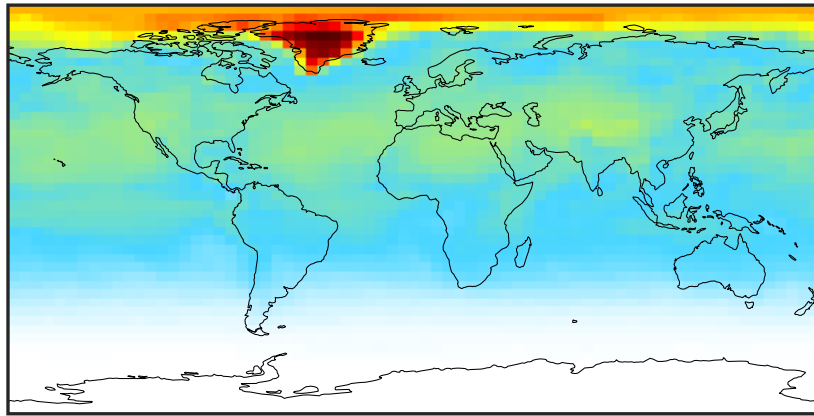
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

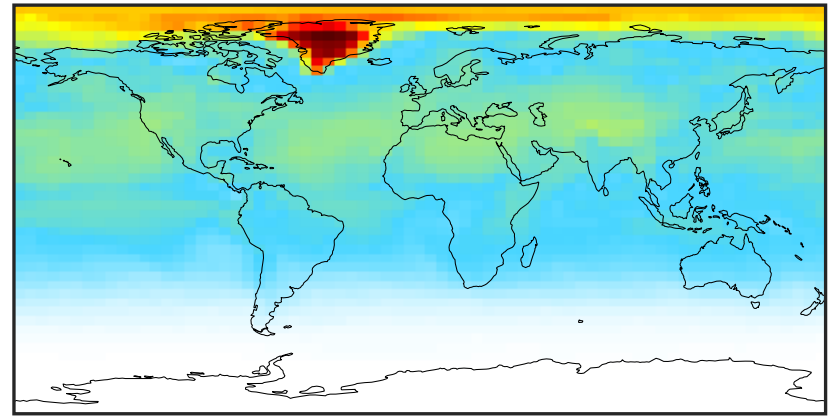
Jval_HOI (Jul2019)

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



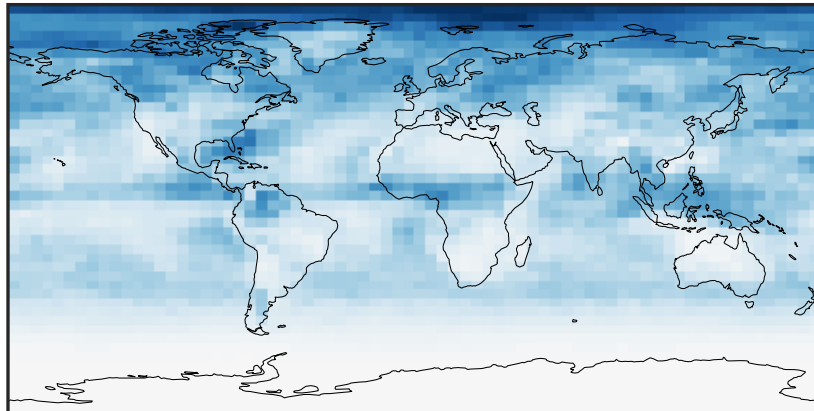
0.000 0.003 0.006 0.009
s-1

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



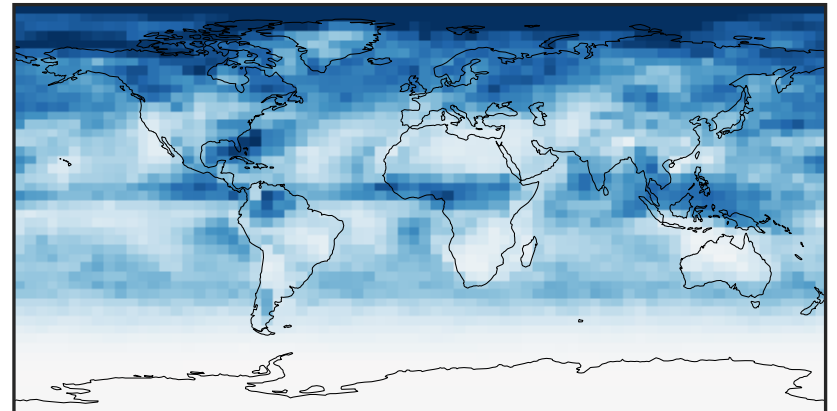
0.000 0.003 0.006 0.009
s-1

Difference
Dev - Ref, Dynamic Range



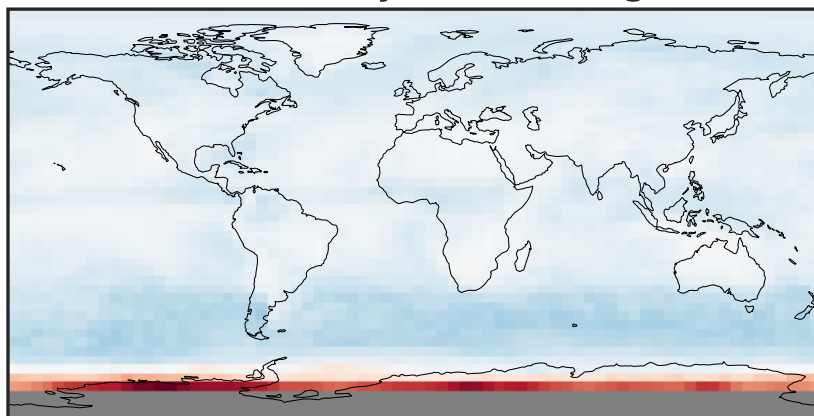
-0.00015 0.00000 0.00015
s-1

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



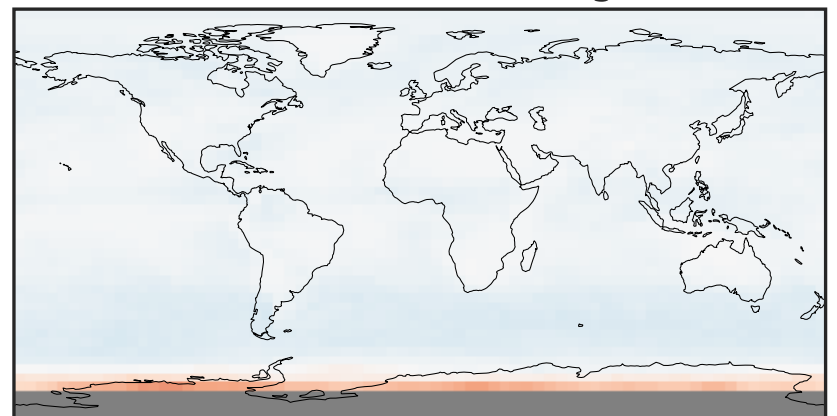
-0.0001 0.0000 0.0001
s-1

Ratio
Dev/Ref, Dynamic Range



0.7307 0.8654 1.000 1.1843 1.3685
unitless

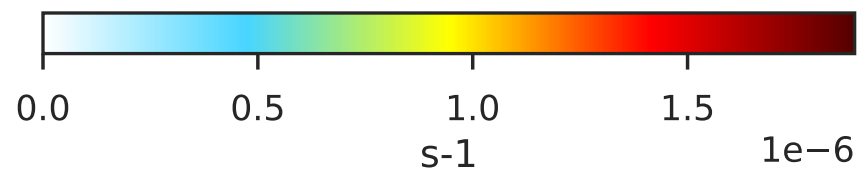
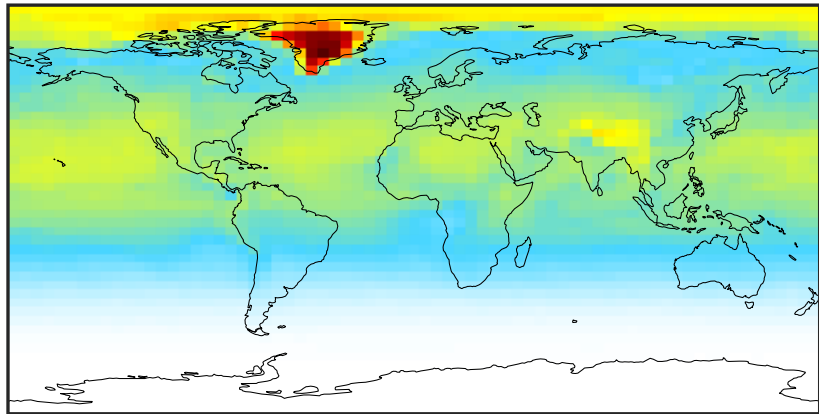
Ratio
Dev/Ref, Fixed Range



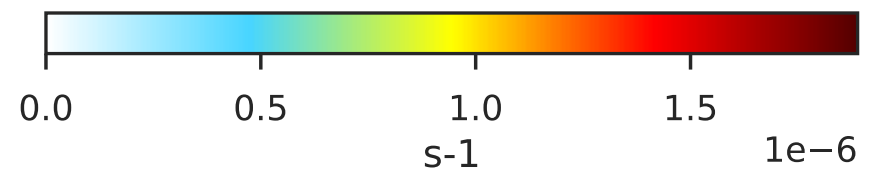
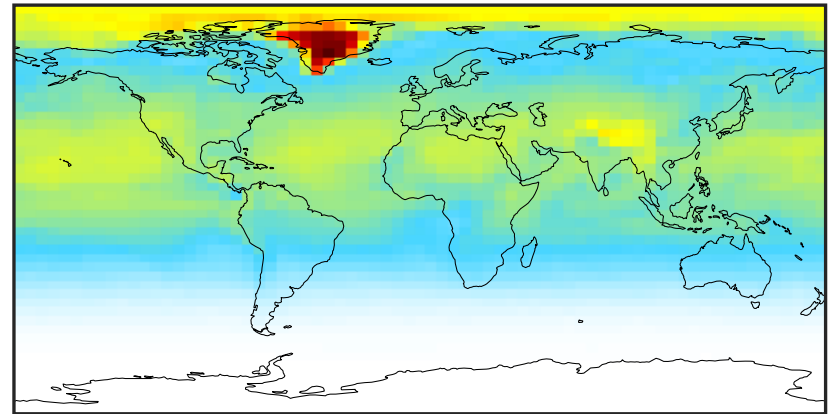
0.50 0.75 1.00 1.50 2.00
unitless

Jval_HONIT (Jul2019)

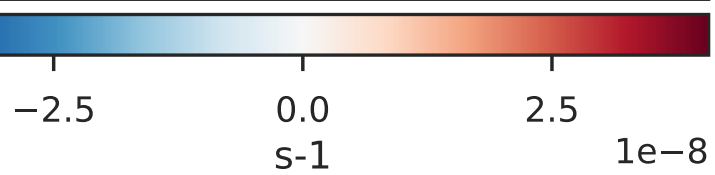
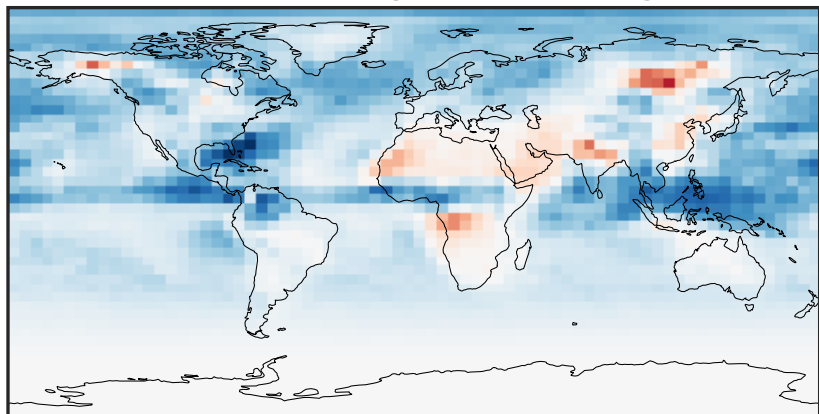
14.2.0-rc.2 (Ref)
4.0x5.0



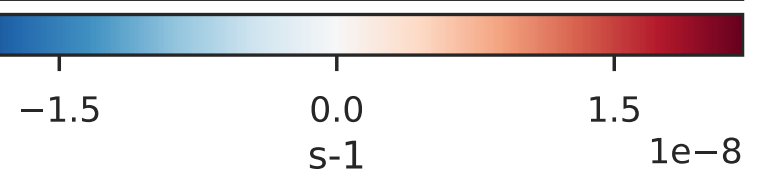
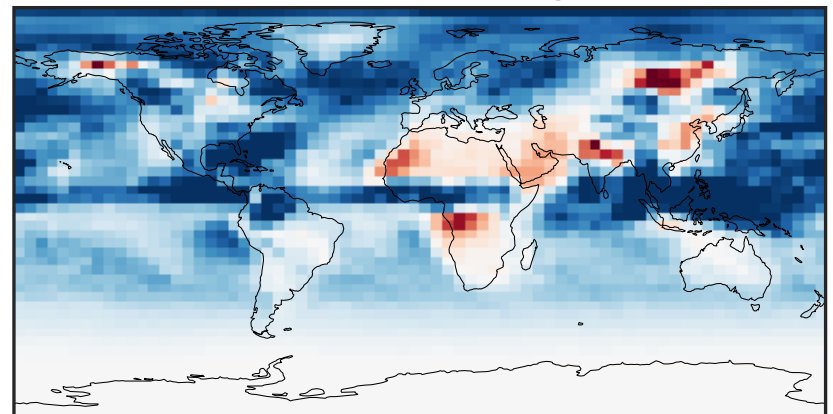
14.3.0-rc.0 (Dev)
4.0x5.0



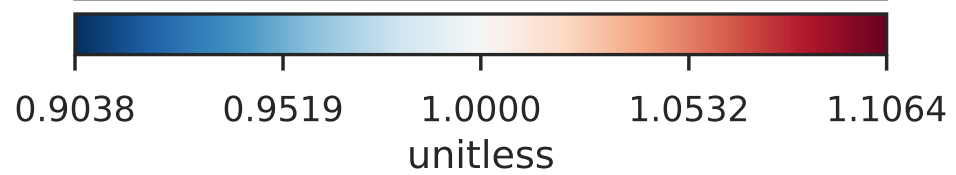
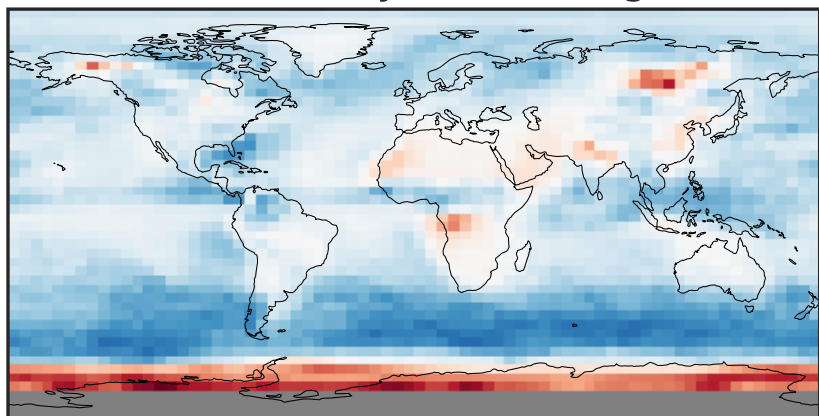
Difference
Dev - Ref, Dynamic Range



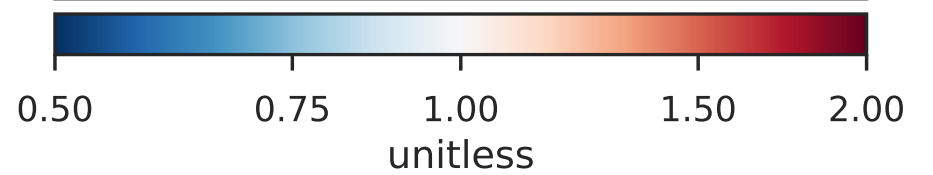
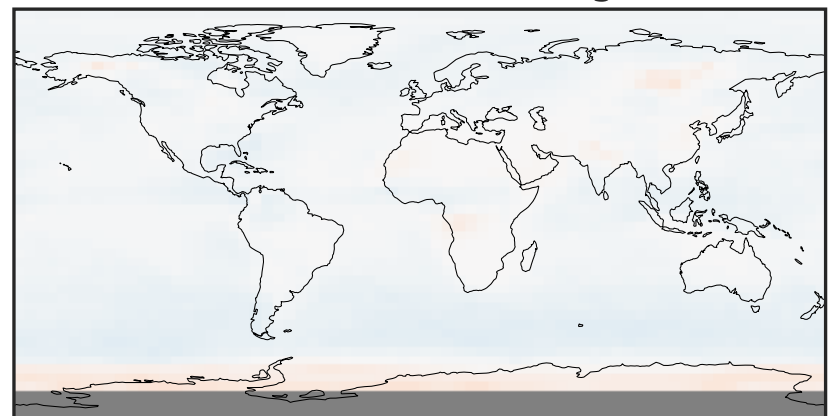
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

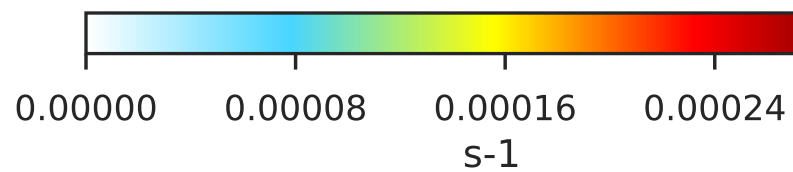
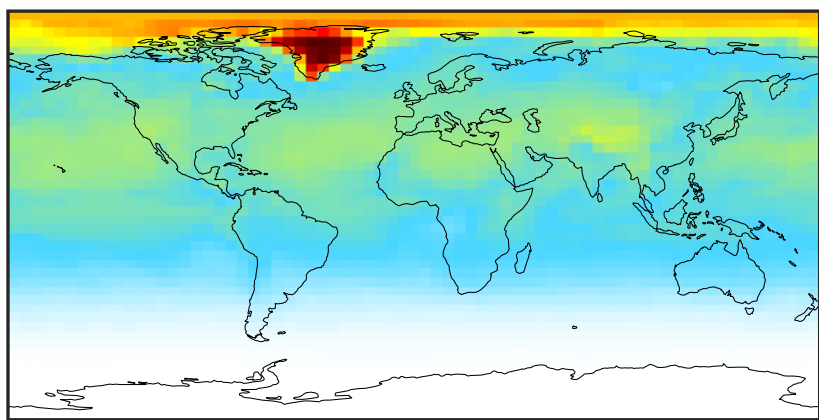


Ratio
Dev/Ref, Fixed Range

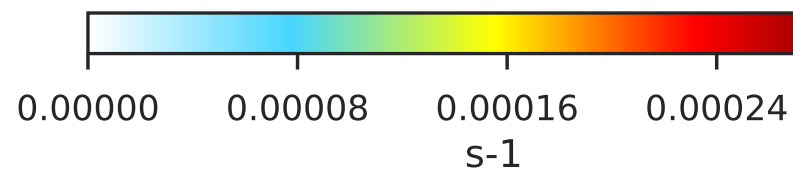
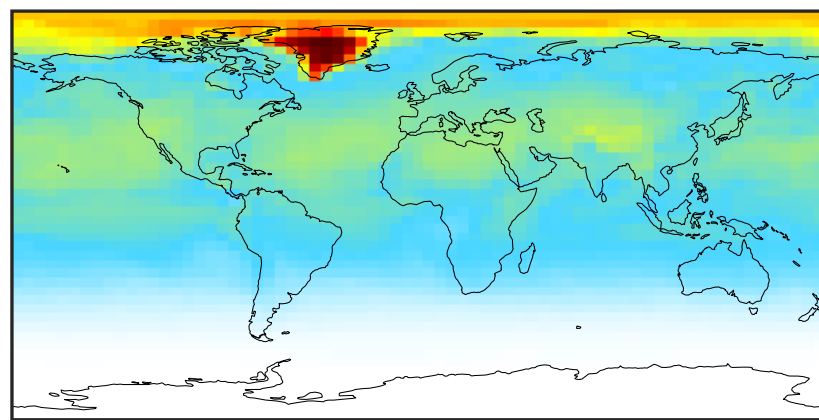


Jval_HPALD1 (Jul2019)

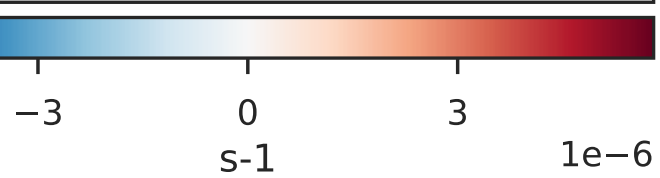
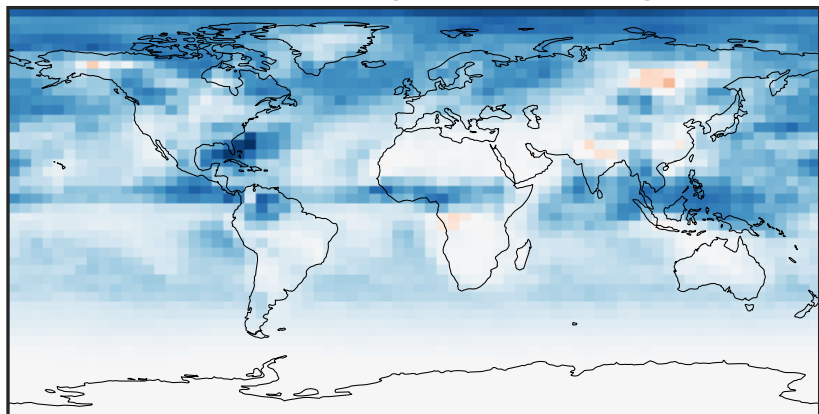
14.2.0-rc.2 (Ref)
4.0x5.0



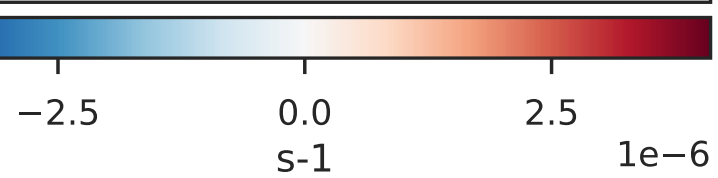
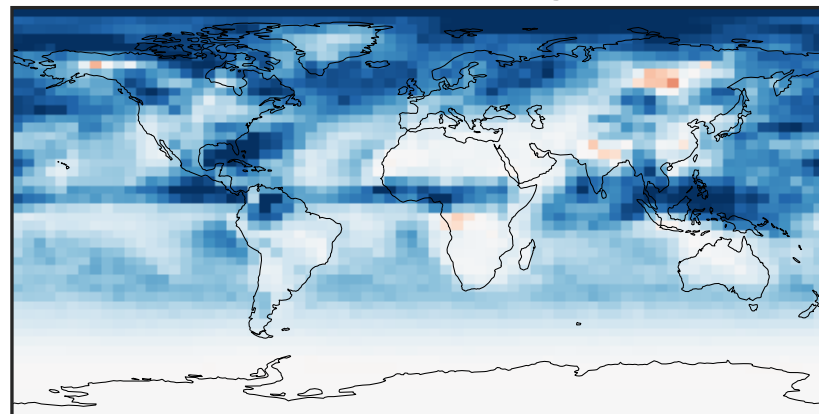
14.3.0-rc.0 (Dev)
4.0x5.0



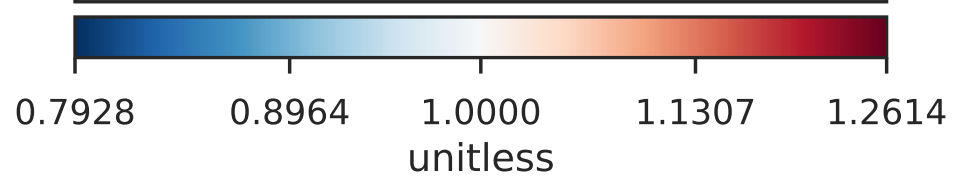
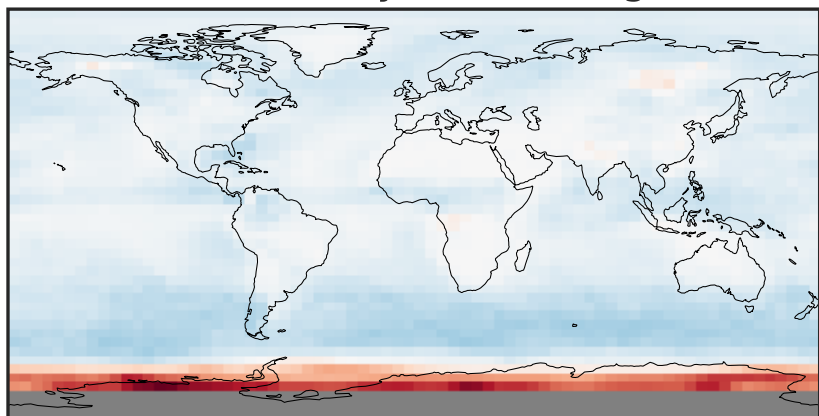
Difference
Dev - Ref, Dynamic Range



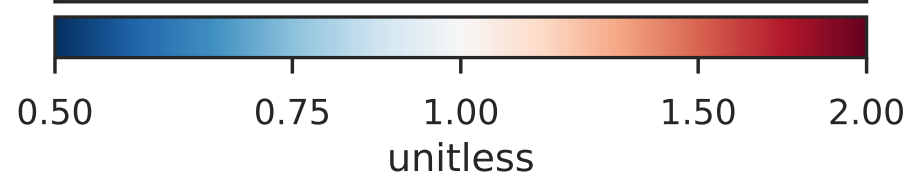
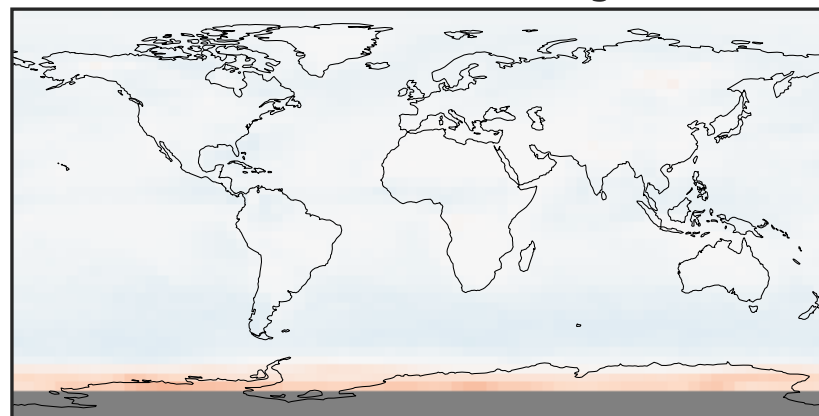
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

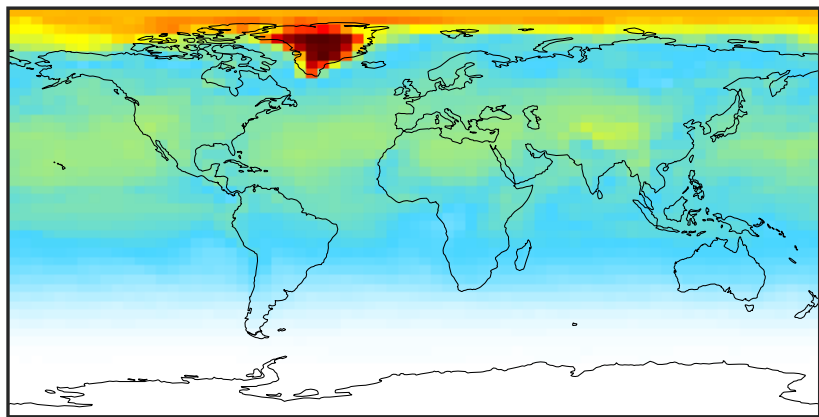


Ratio
Dev/Ref, Fixed Range



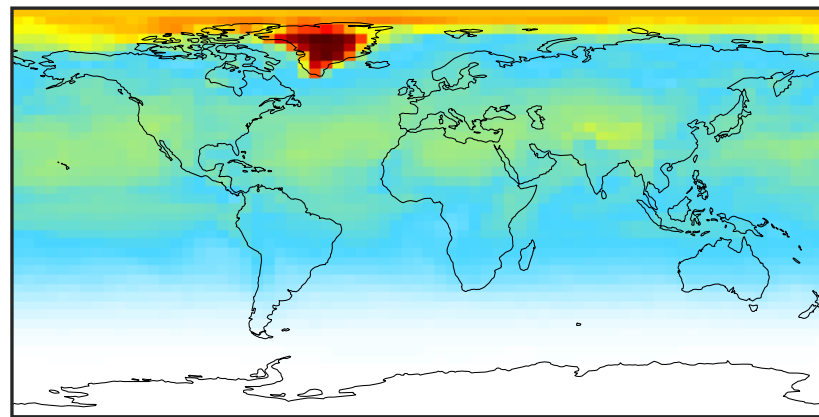
Jval_HPALD2 (Jul2019)

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



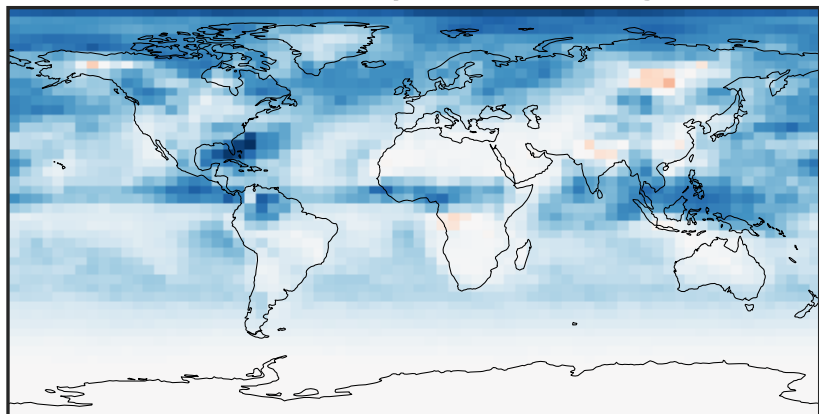
0.00000 0.00008 0.00016 0.00024
s-1

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



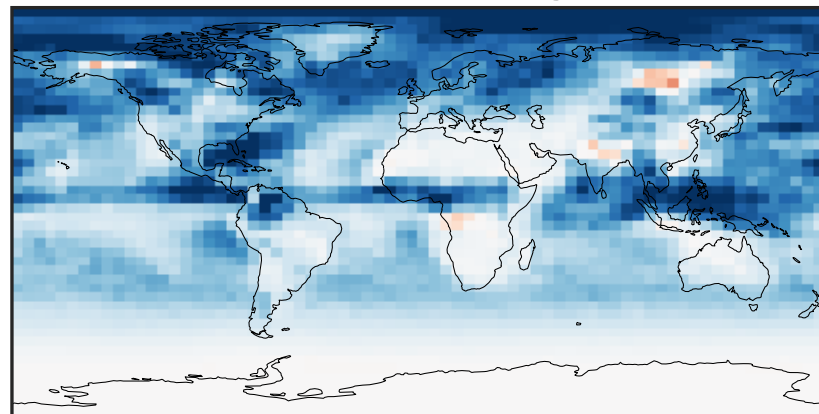
0.00000 0.00008 0.00016 0.00024
s-1

Difference
Dev - Ref, Dynamic Range



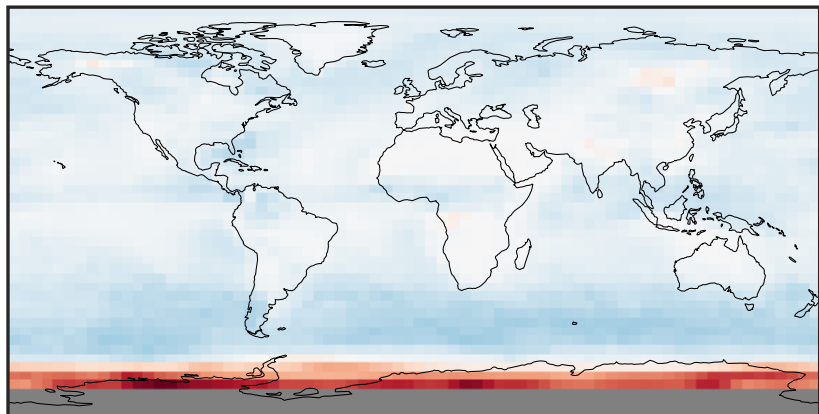
-3 0 3
s-1 1e-6

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



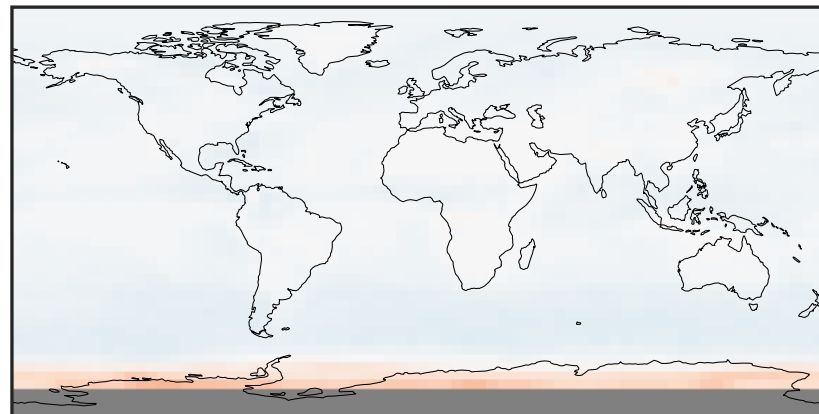
-2 0 2
s-1 1e-6

Ratio
Dev/Ref, Dynamic Range



0.7928 0.8964 1.0000 1.1307 1.2614
unitless

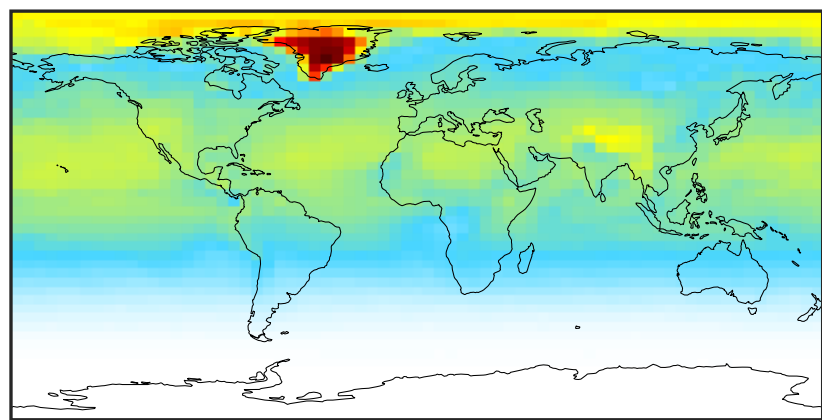
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

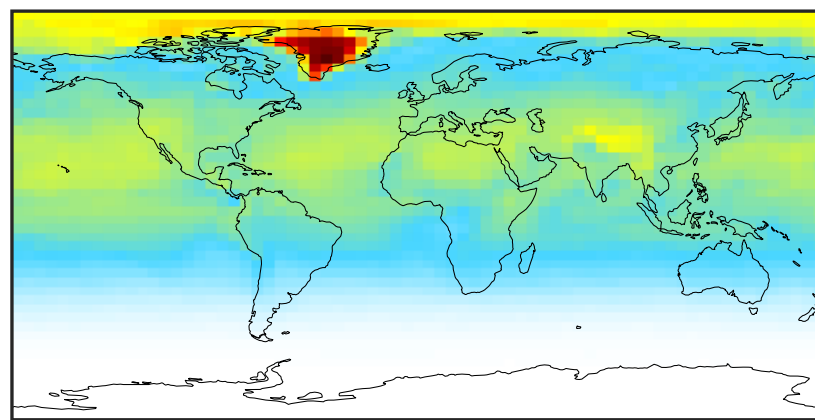
Jval_HPALD3 (Jul2019)

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



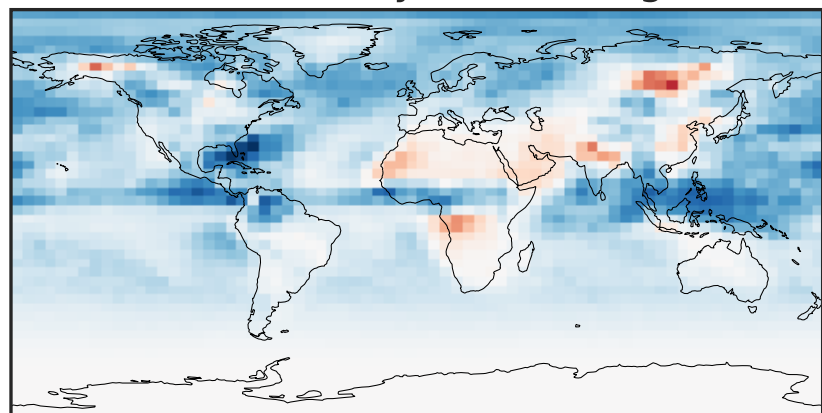
0.0 1.5 3.0 $1e-5$
s-1

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



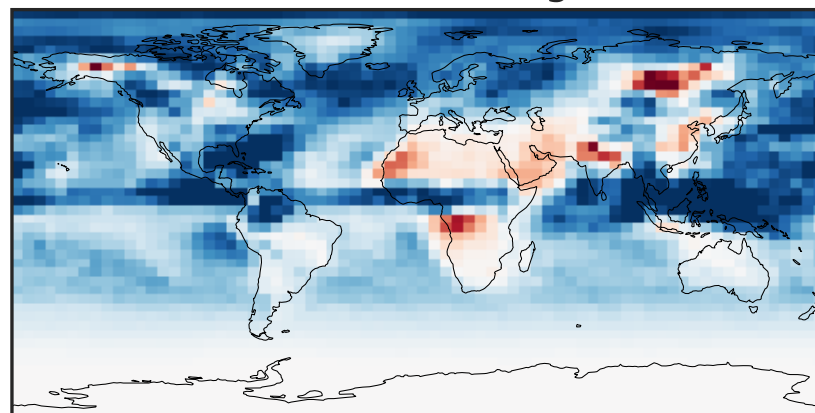
0.0 1.5 3.0 $1e-5$
s-1

Difference
Dev - Ref, Dynamic Range



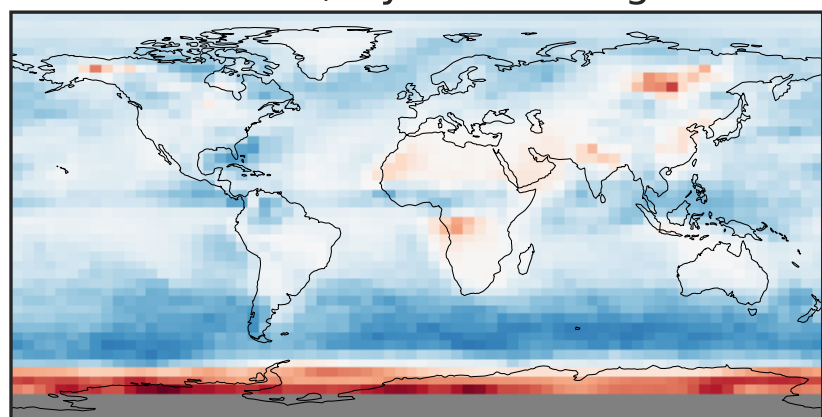
-5 0 5 $1e-7$
s-1

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



-3 0 3 $1e-7$
s-1

Ratio
Dev/Ref, Dynamic Range



0.8956 0.9478 1.0000 1.0583 1.1166
unitless

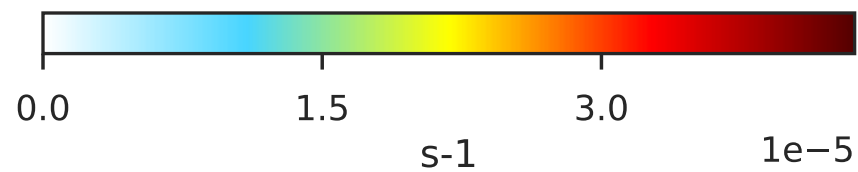
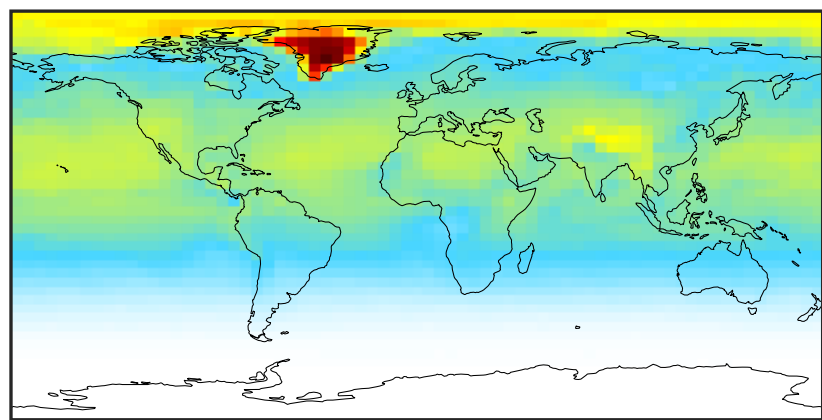
Ratio
Dev/Ref, Fixed Range



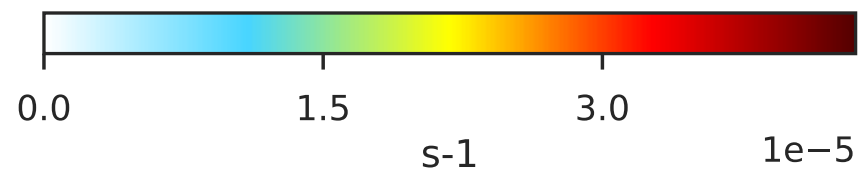
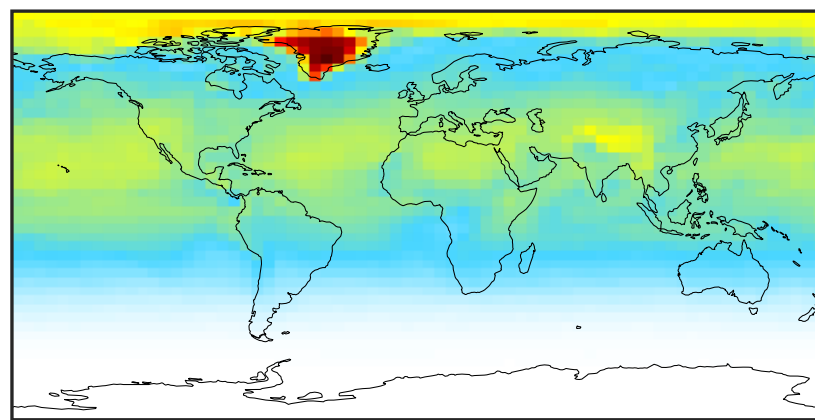
0.50 0.75 1.00 1.50 2.00
unitless

Jval_HPALD4 (Jul2019)

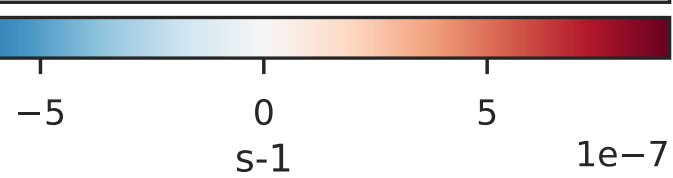
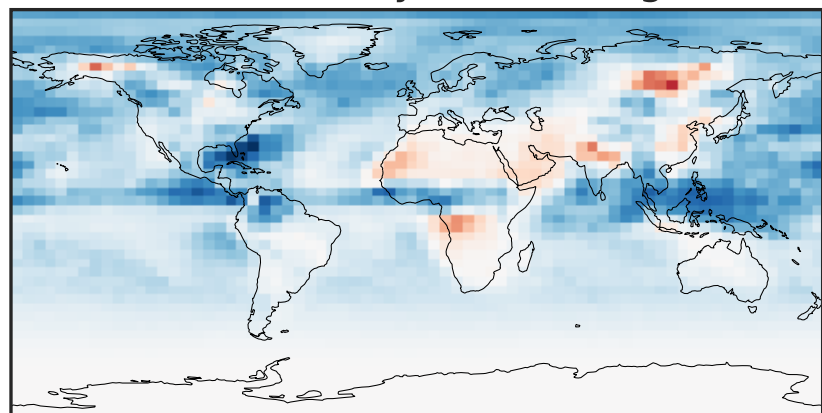
14.2.0-rc.2 (Ref)
4.0x5.0



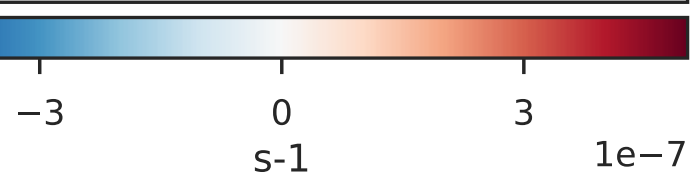
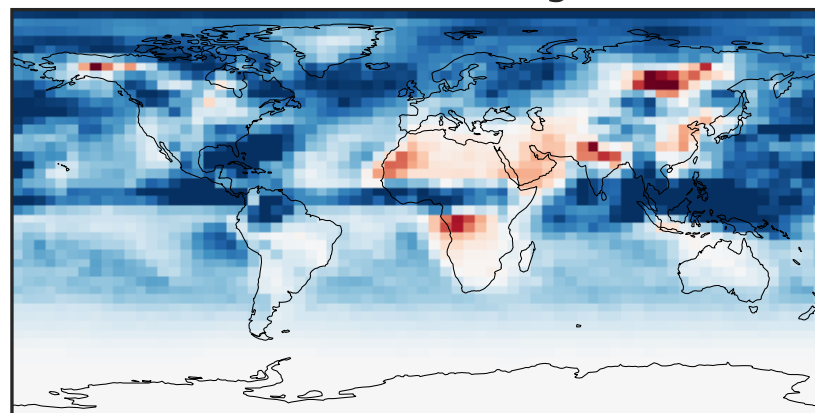
14.3.0-rc.0 (Dev)
4.0x5.0



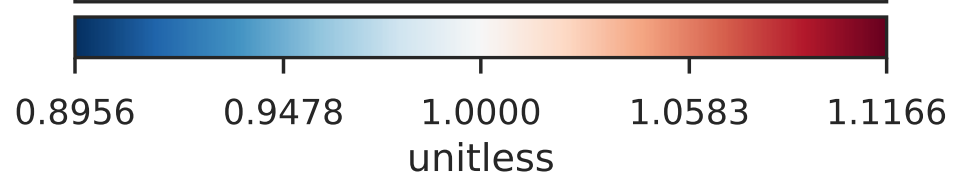
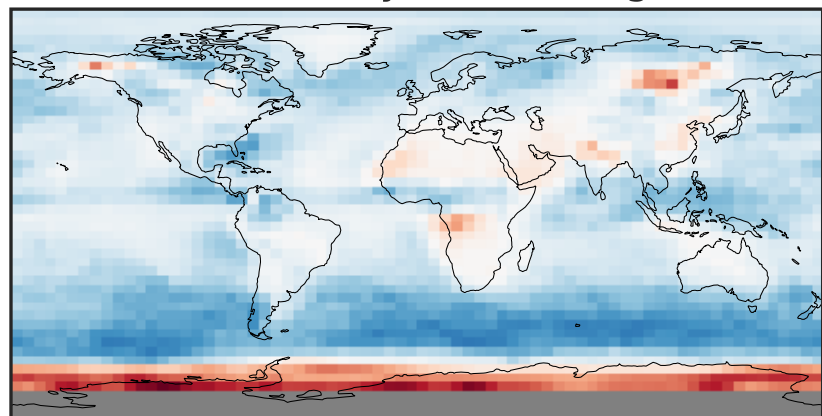
Difference
Dev - Ref, Dynamic Range



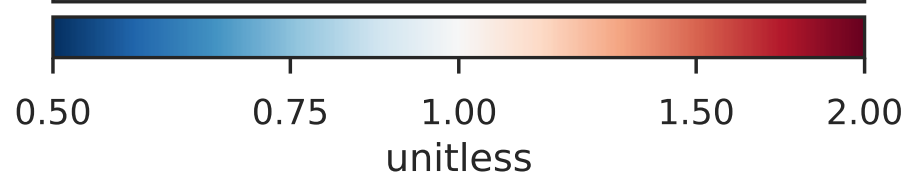
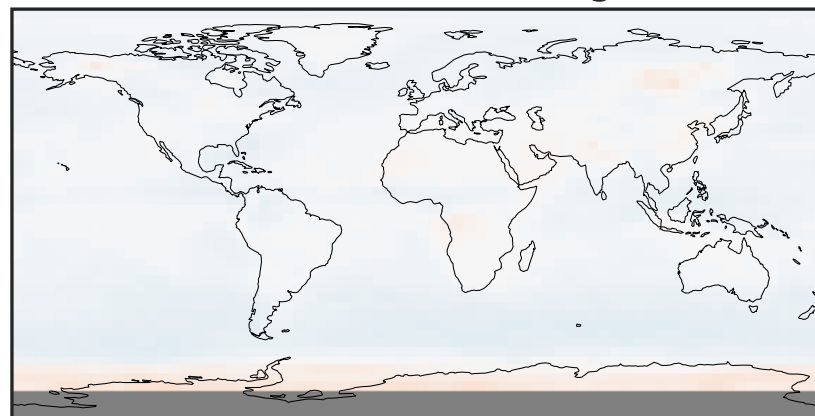
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

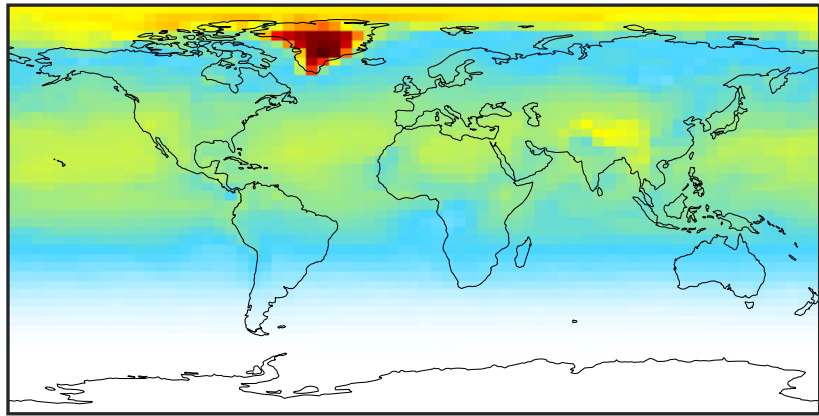


Ratio
Dev/Ref, Fixed Range



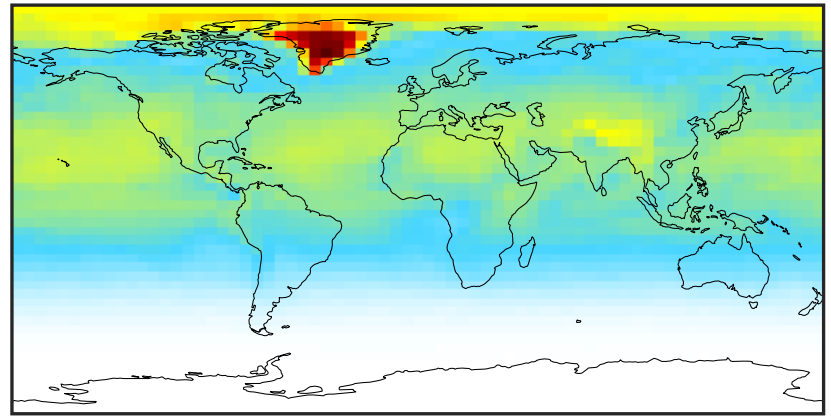
Jval_HPETHNL (Jul2019)

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



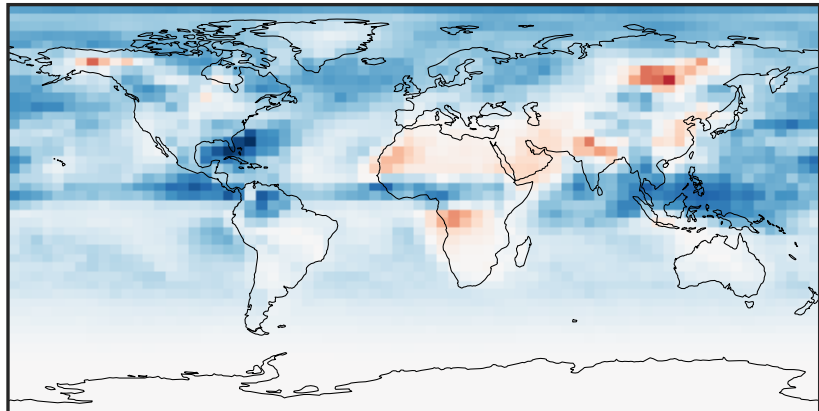
0.0 1.5 3.0 $1e-5$
s-1

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



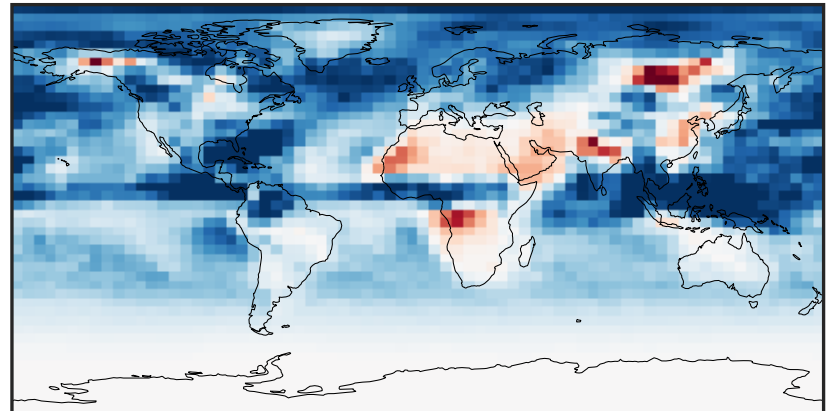
0.0 1.5 3.0 $1e-5$
s-1

Difference
Dev - Ref, Dynamic Range



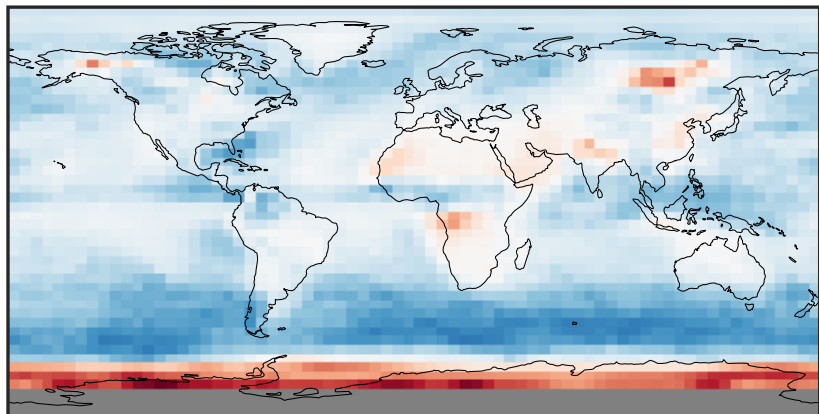
-5 0 5 $1e-7$
s-1

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



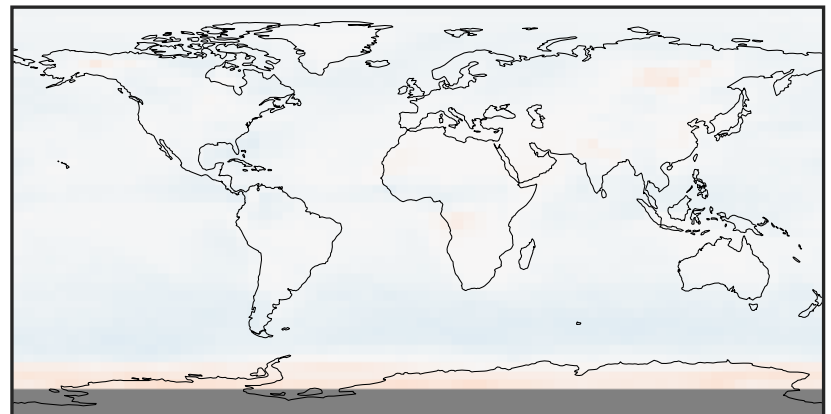
-3 0 3 $1e-7$
s-1

Ratio
Dev/Ref, Dynamic Range



0.8956 0.9478 1.0000 1.0583 1.1166
unitless

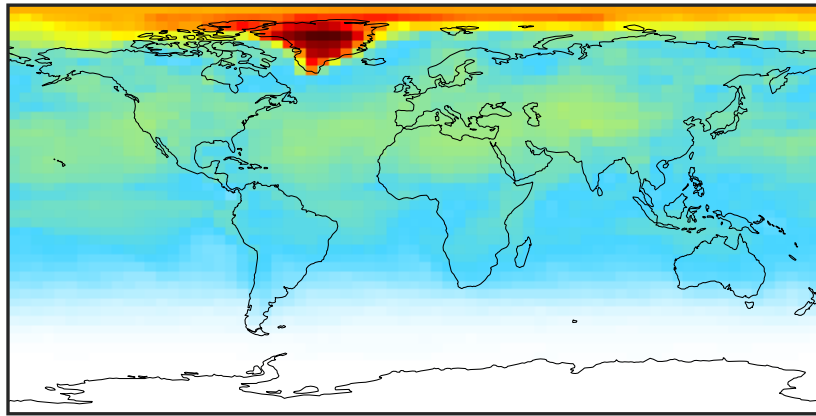
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

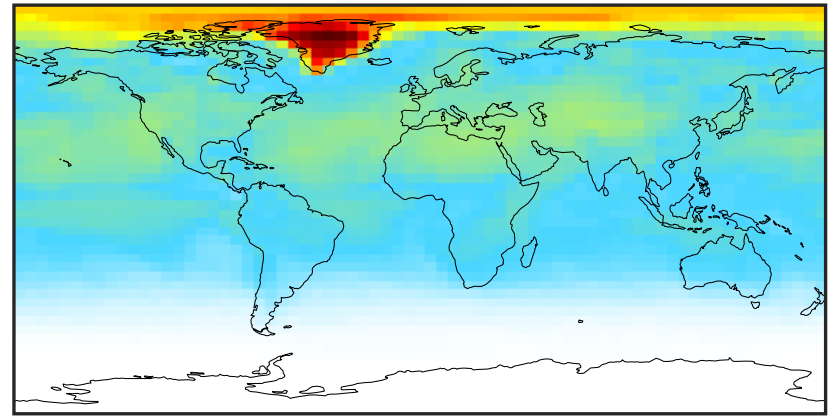
Jval_I2 (Jul2019)

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



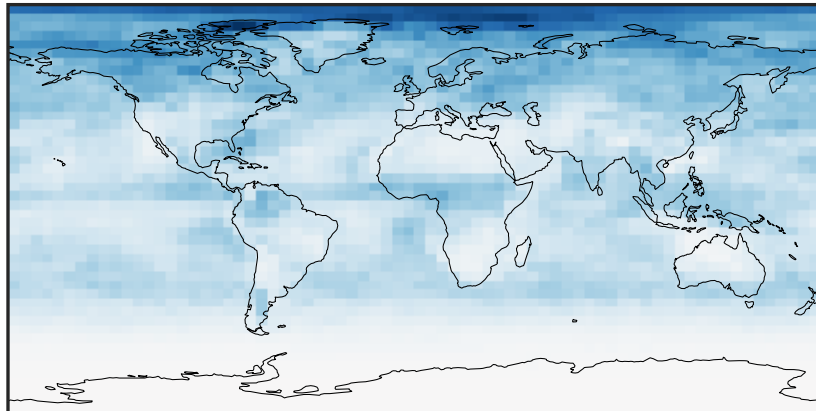
0.0000 0.0633 0.1267 0.1900 0.2533
s-1

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



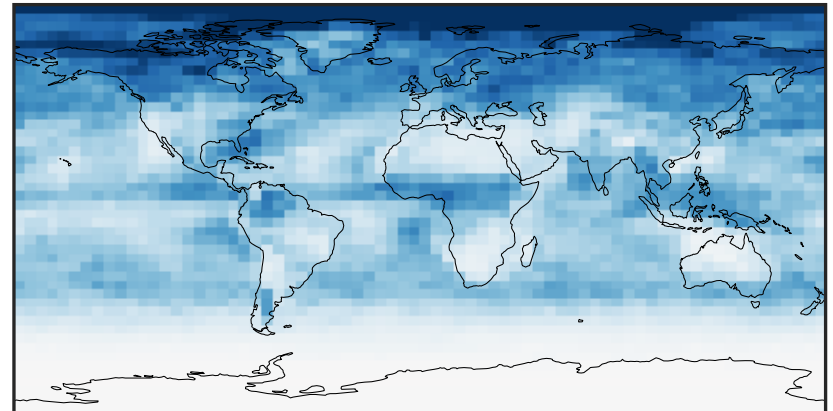
0.0000 0.0633 0.1267 0.1900 0.2533
s-1

Difference
Dev - Ref, Dynamic Range



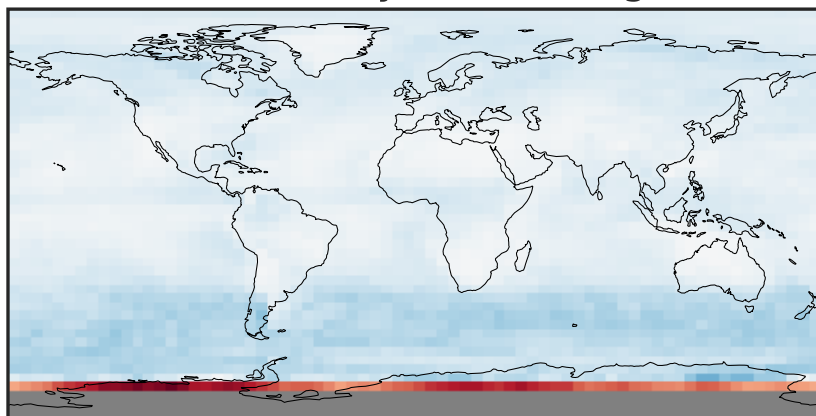
-0.006 0.000 0.006
s-1

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



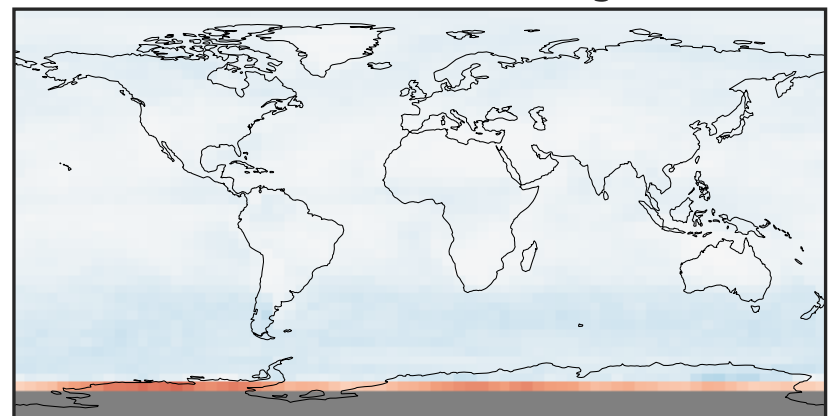
-0.004 0.000 0.004
s-1

Ratio
Dev/Ref, Dynamic Range



0.6706 0.8353 1.0000 1.2456 1.4913
unitless

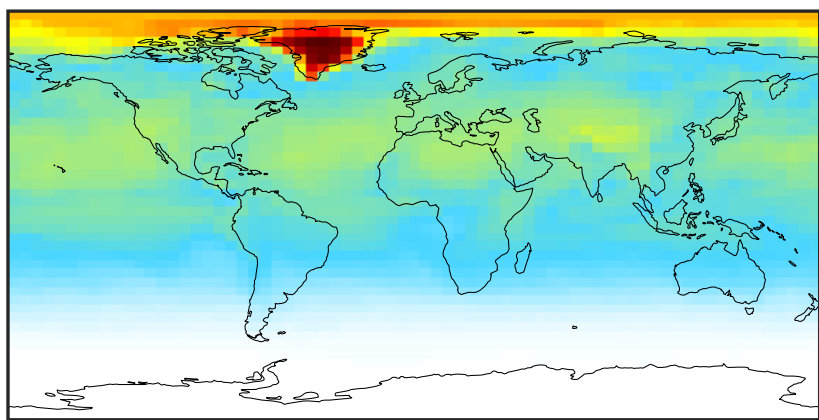
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

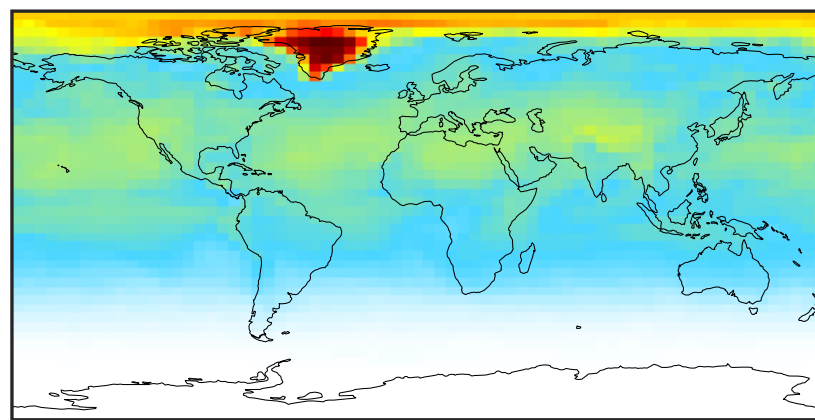
Jval_I2O2 (Jul2019)

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



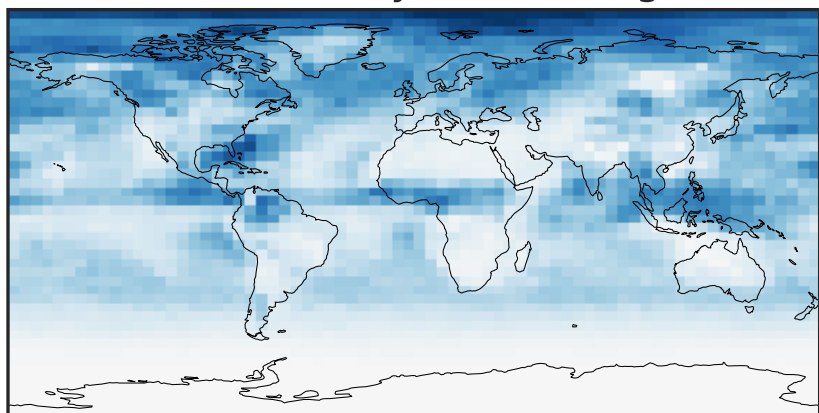
0.000 0.015 0.030 0.045
s-1

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



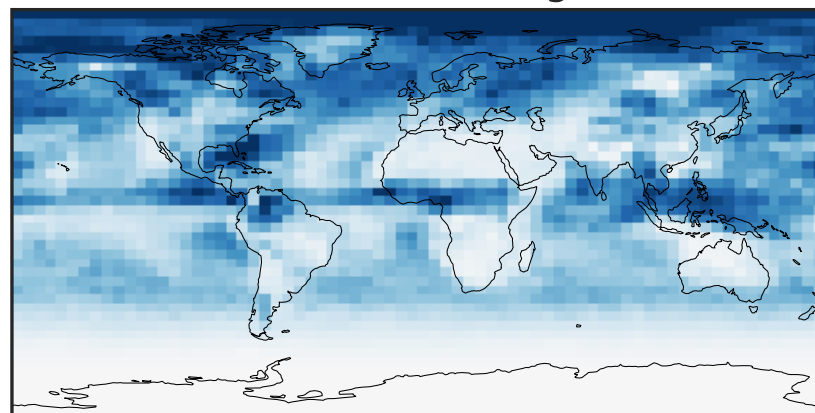
0.000 0.015 0.030 0.045
s-1

Difference
Dev - Ref, Dynamic Range



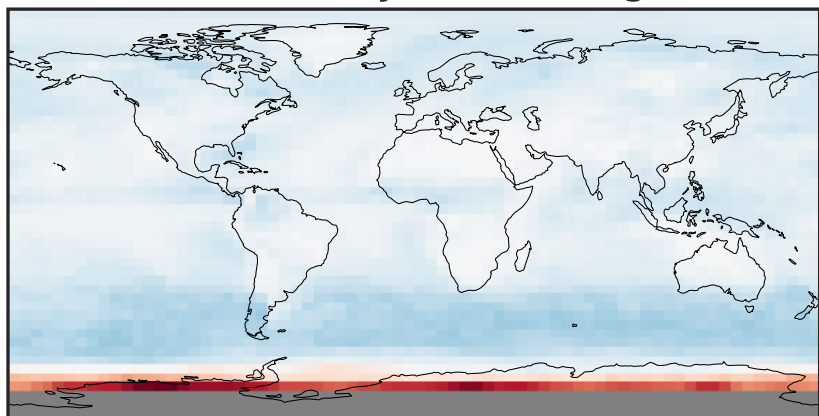
-0.0006 0.0000 0.0006
s-1

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



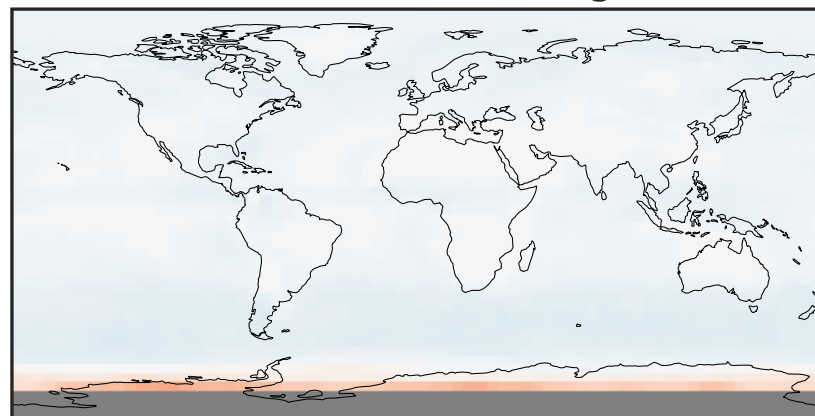
-0.0005 0.0000 0.0005
s-1

Ratio
Dev/Ref, Dynamic Range



0.7687 0.8843 1.0000 1.1505 1.3010
unitless

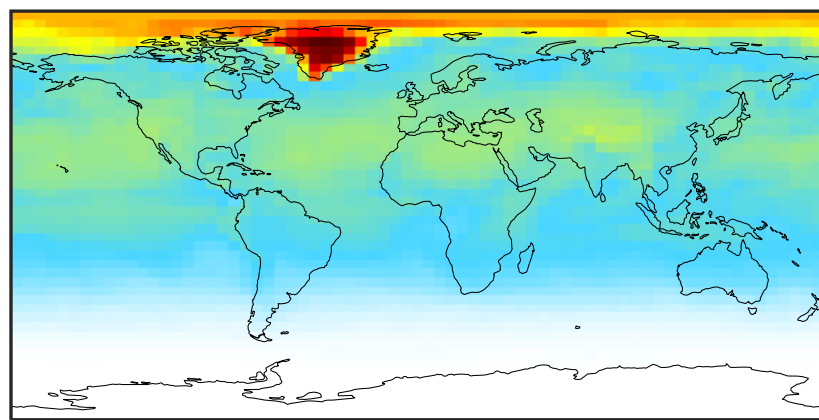
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

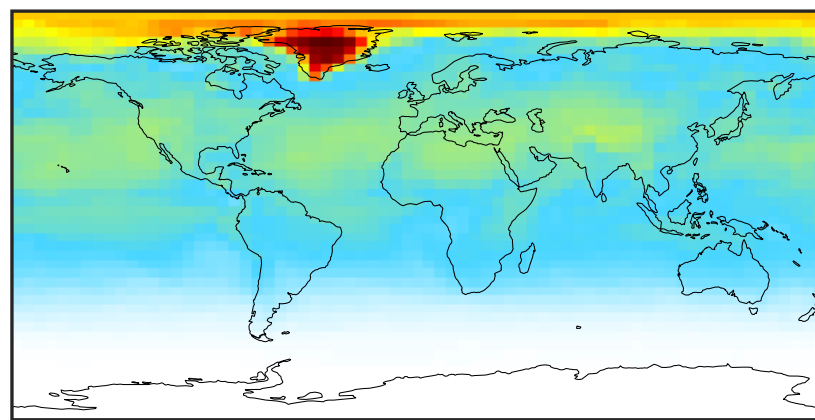
Jval_I203 (Jul2019)

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



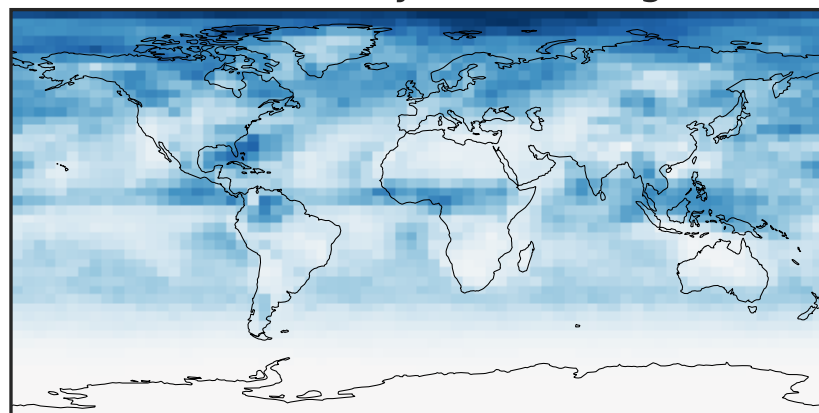
0.000 0.015 0.030
s-1

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



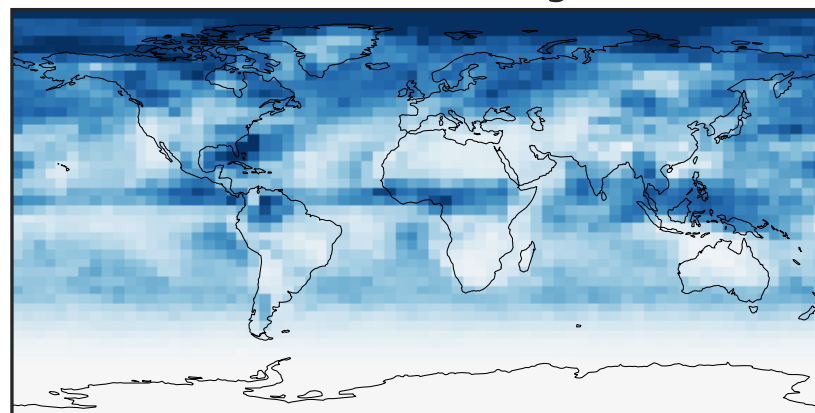
0.000 0.015 0.030
s-1

Difference
Dev - Ref, Dynamic Range



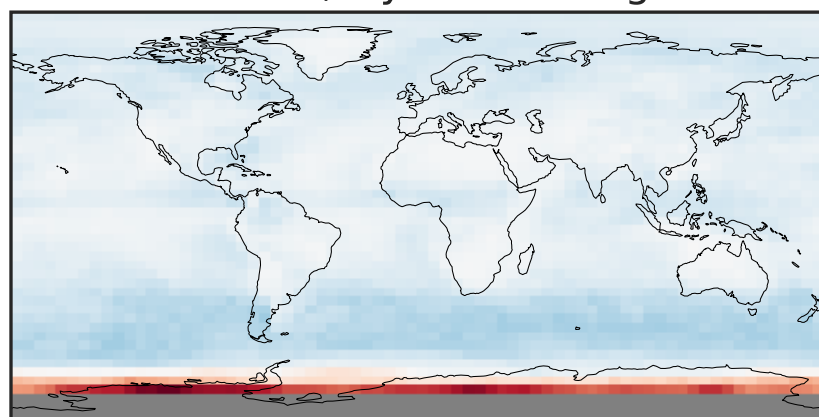
-0.0006 0.0000 0.0006
s-1

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



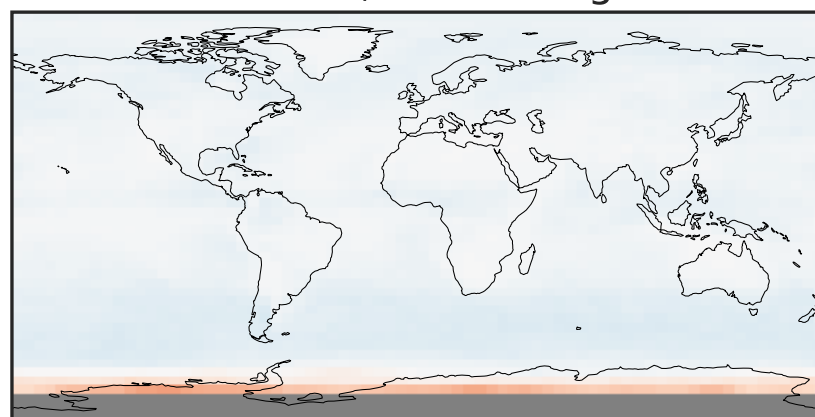
-0.0004 0.0000 0.0004
s-1

Ratio
Dev/Ref, Dynamic Range



0.7472 0.8736 1.0000 1.1692 1.3383
unitless

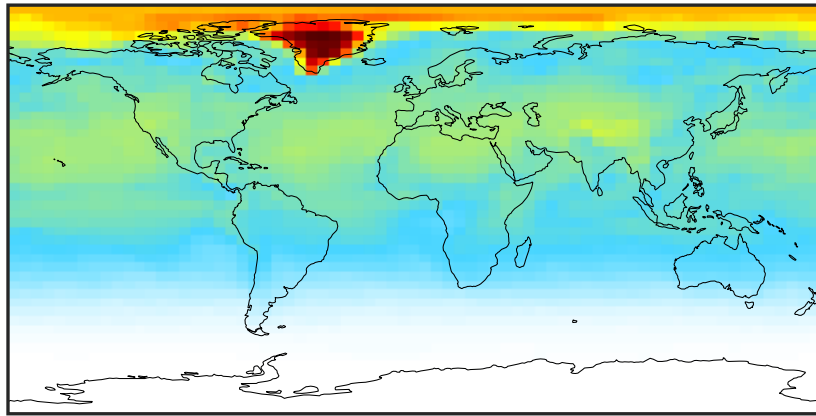
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

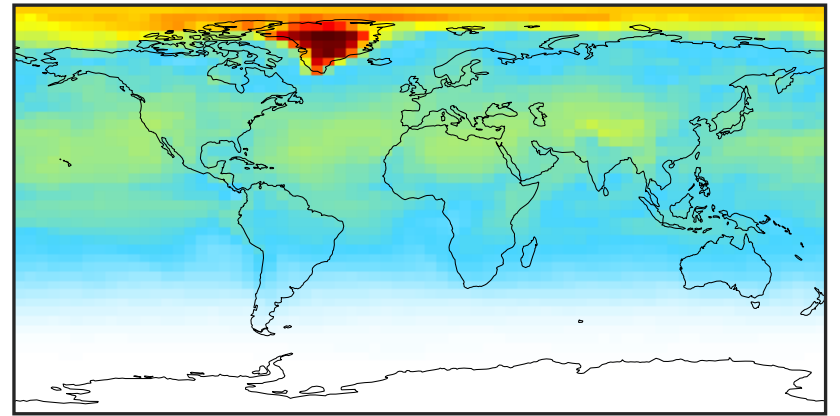
Jval_I2O4 (Jul2019)

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



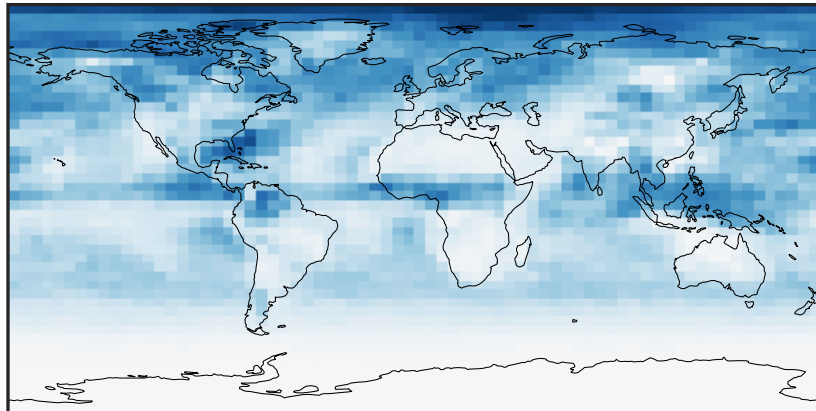
0.000 0.015 0.030 0.045
s-1

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



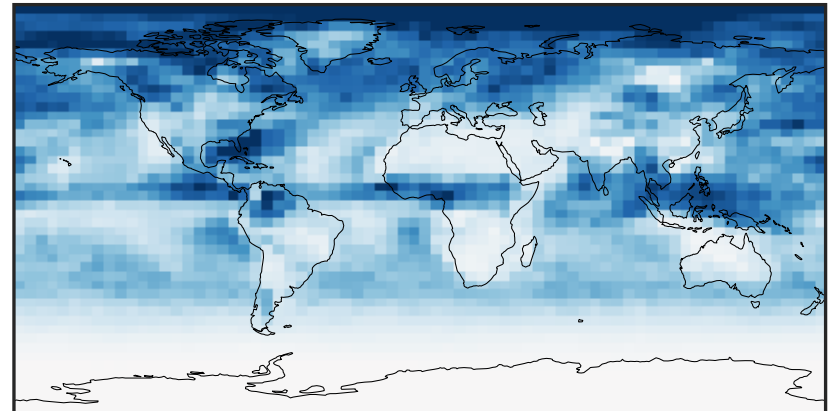
0.000 0.015 0.030 0.045
s-1

Difference
Dev - Ref, Dynamic Range



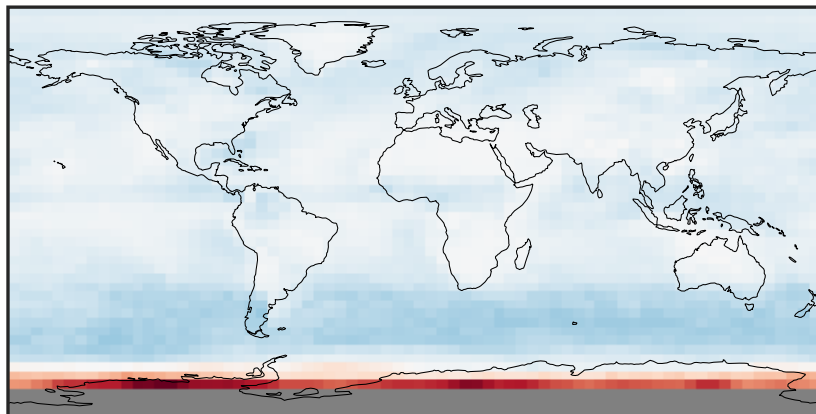
-0.0006 0.0000 0.0006
s-1

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



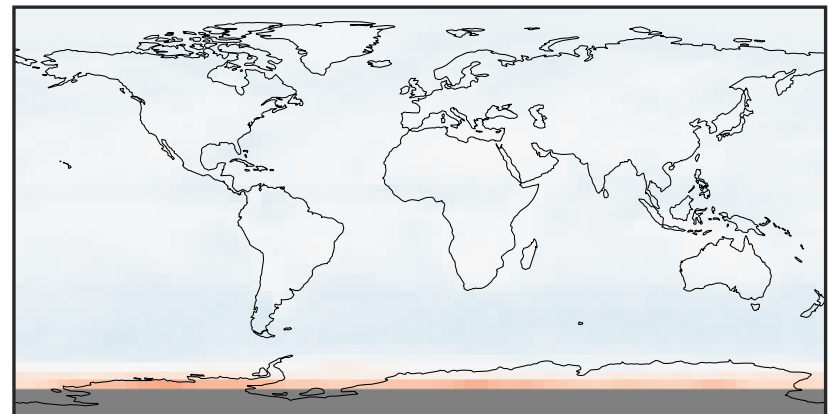
-0.0005 0.0000 0.0005
s-1

Ratio
Dev/Ref, Dynamic Range



0.7687 0.8843 1.0000 1.1505 1.3010
unitless

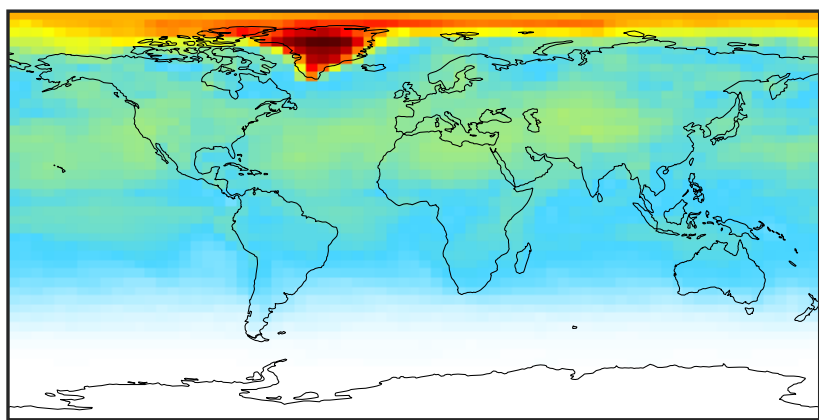
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

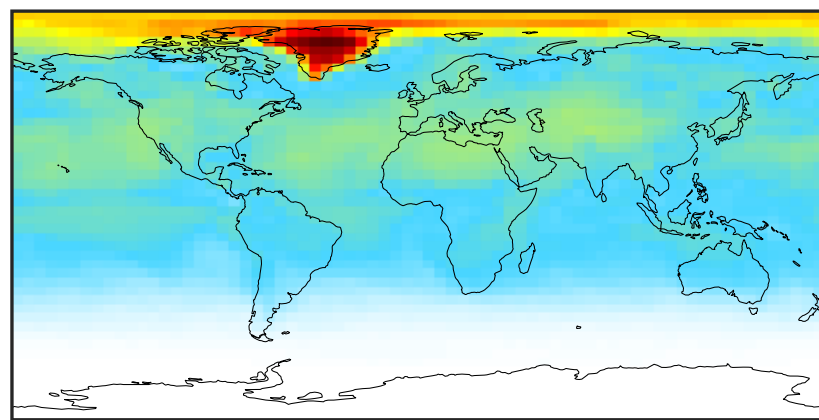
Jval_IBr (Jul2019)

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



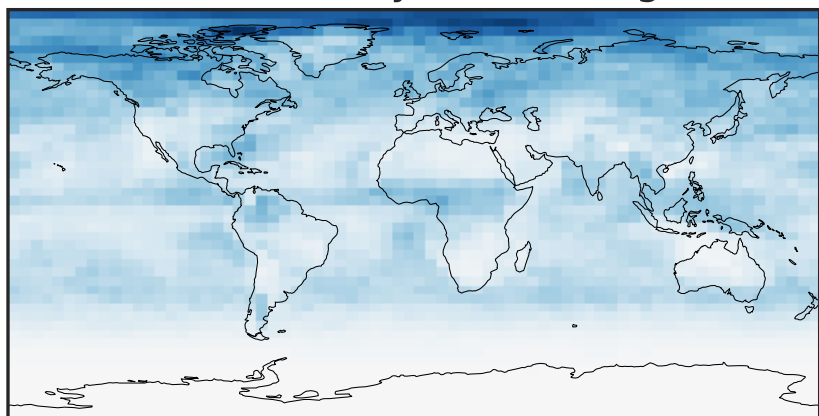
0.0000 0.0265 0.0529 0.0794 0.1058
s-1

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



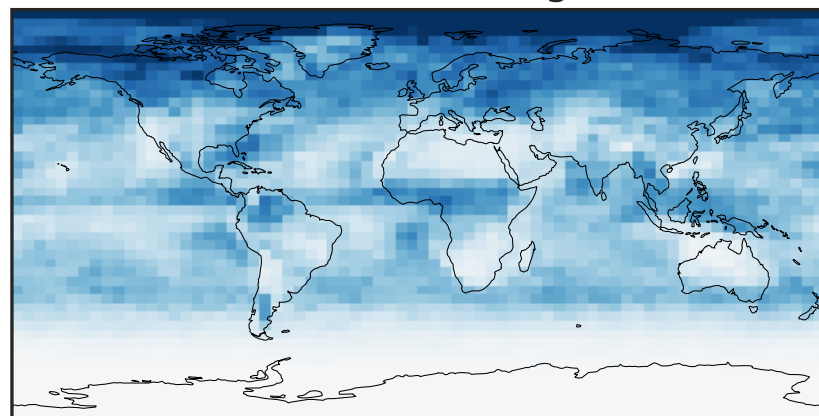
0.0000 0.0265 0.0529 0.0794 0.1058
s-1

Difference
Dev - Ref, Dynamic Range



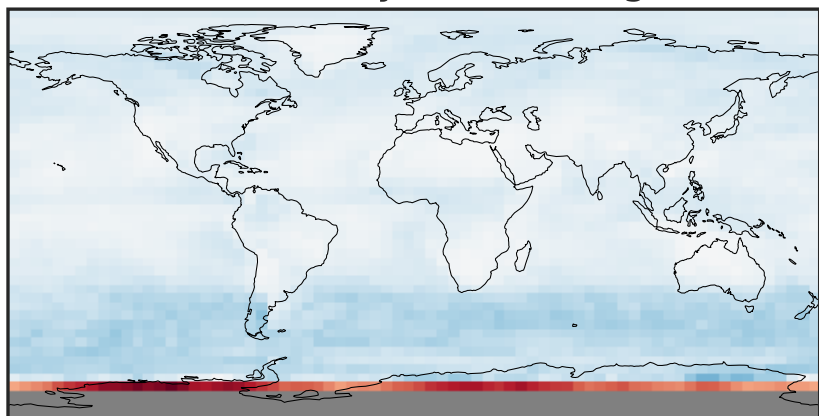
-0.0025 0.0000 0.0025
s-1

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



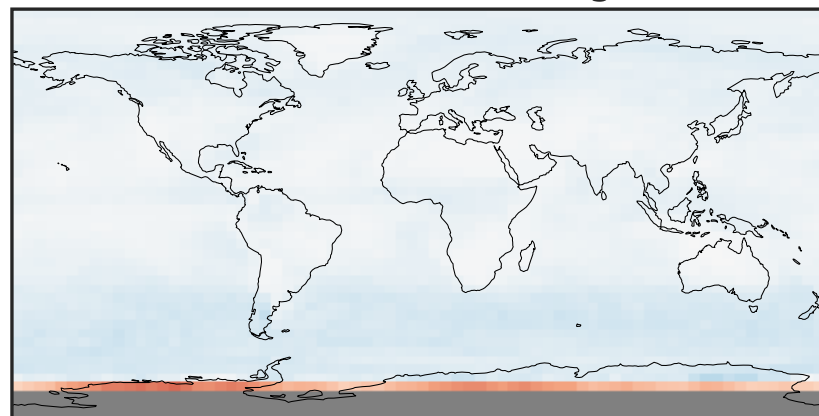
-0.0015 0.0000 0.0015
s-1

Ratio
Dev/Ref, Dynamic Range



0.6720 0.8360 1.0000 1.2441 1.4882
unitless

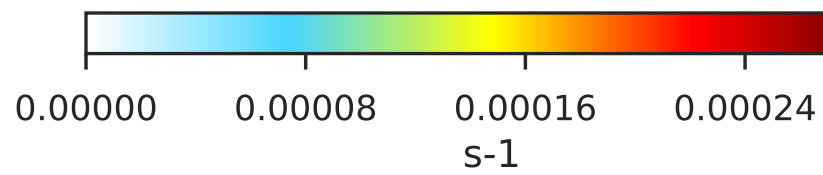
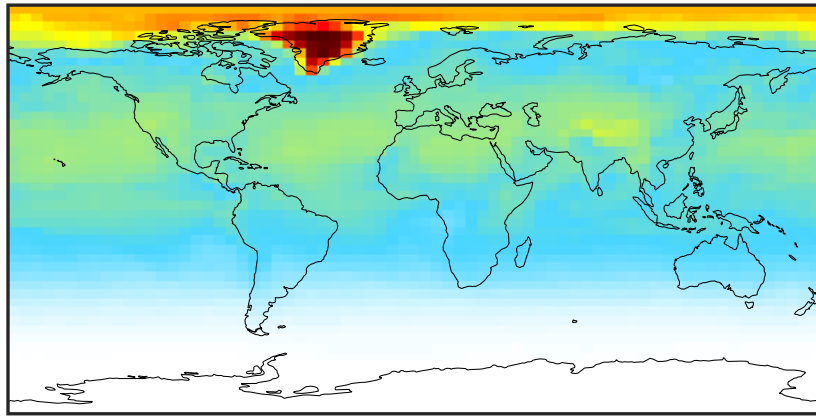
Ratio
Dev/Ref, Fixed Range



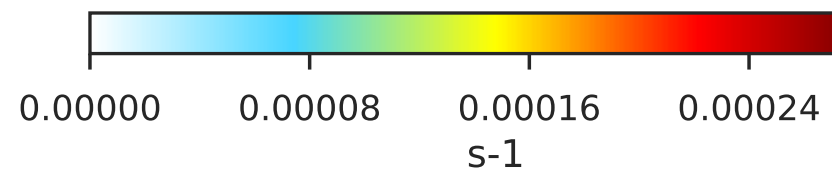
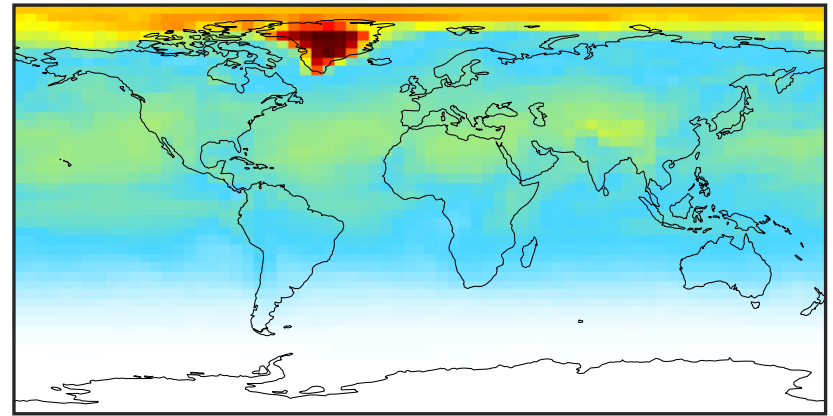
0.50 0.75 1.00 1.50 2.00
unitless

Jval_ICN (Jul2019)

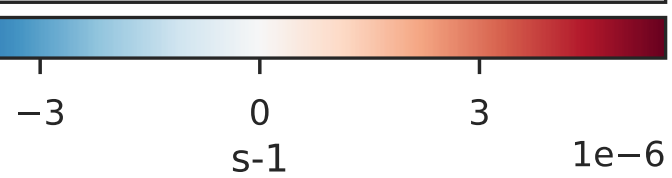
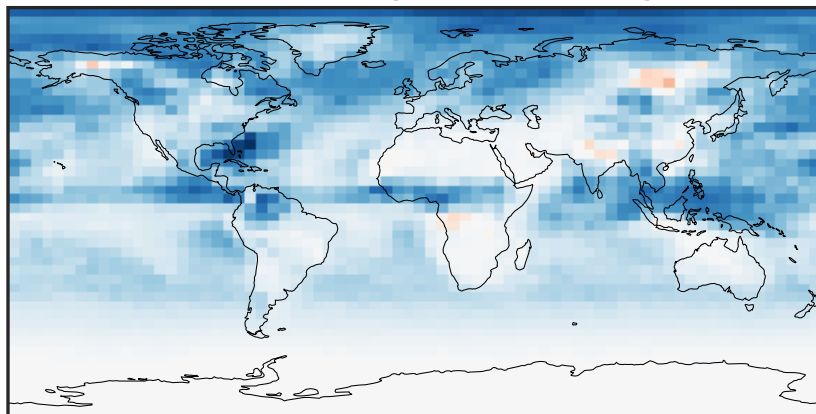
14.2.0-rc.2 (Ref)
4.0x5.0



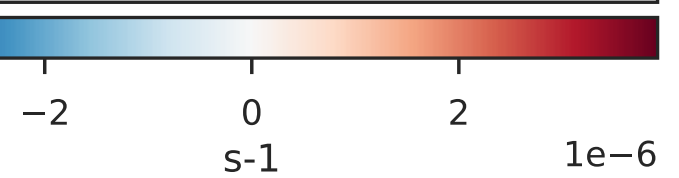
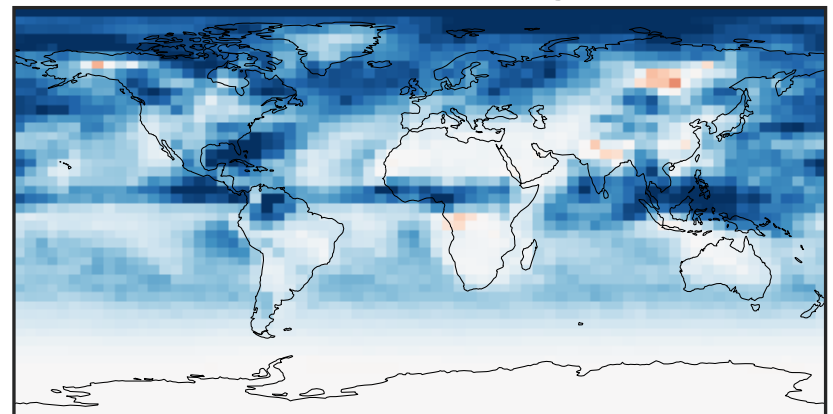
14.3.0-rc.0 (Dev)
4.0x5.0



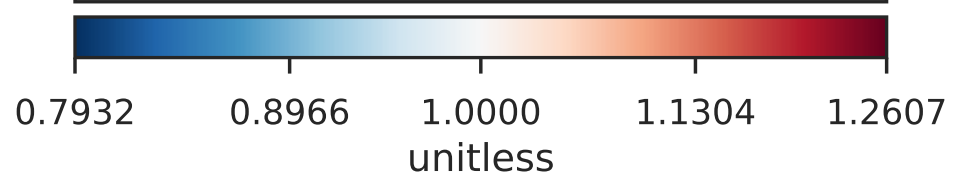
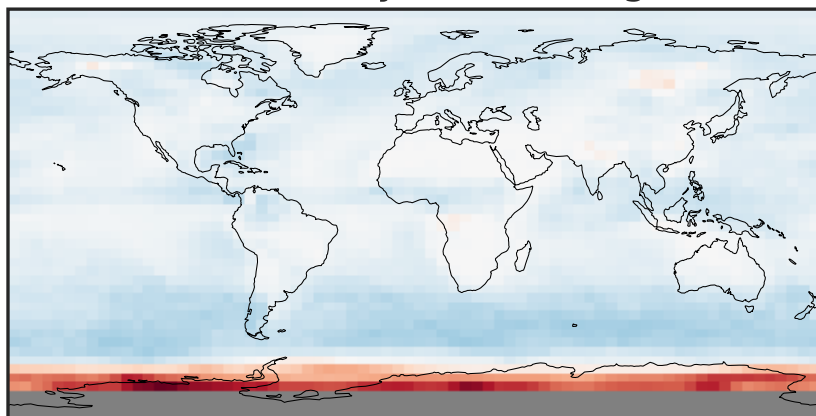
Difference
Dev - Ref, Dynamic Range



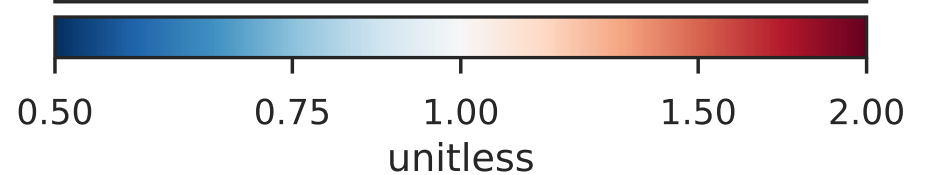
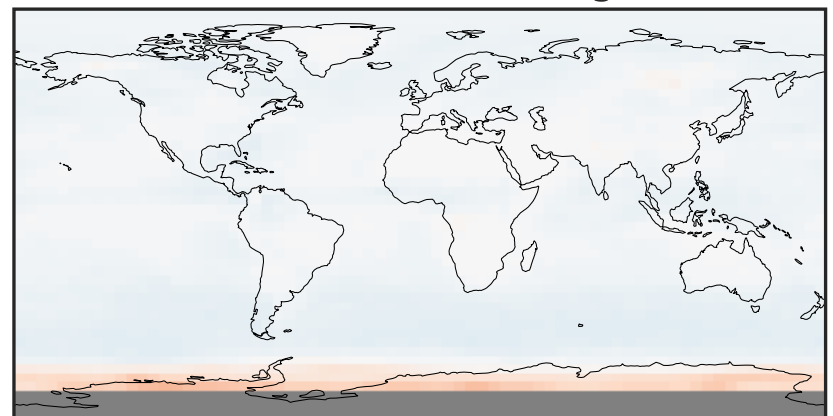
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

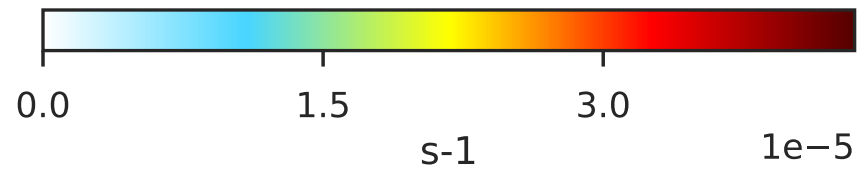
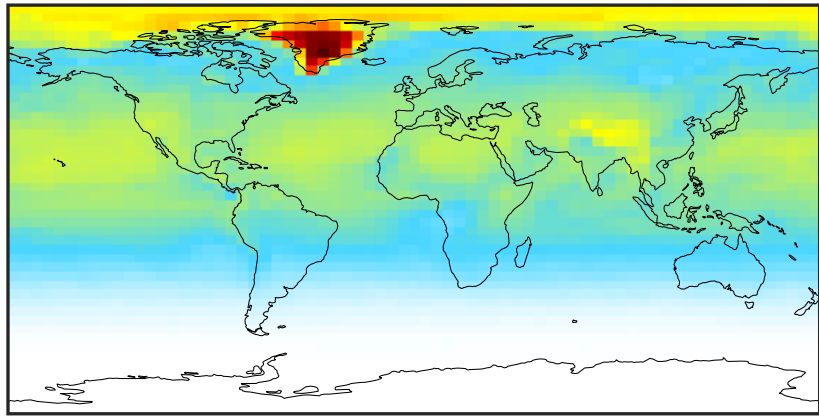


Ratio
Dev/Ref, Fixed Range

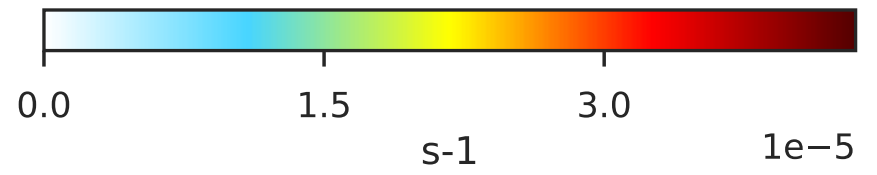
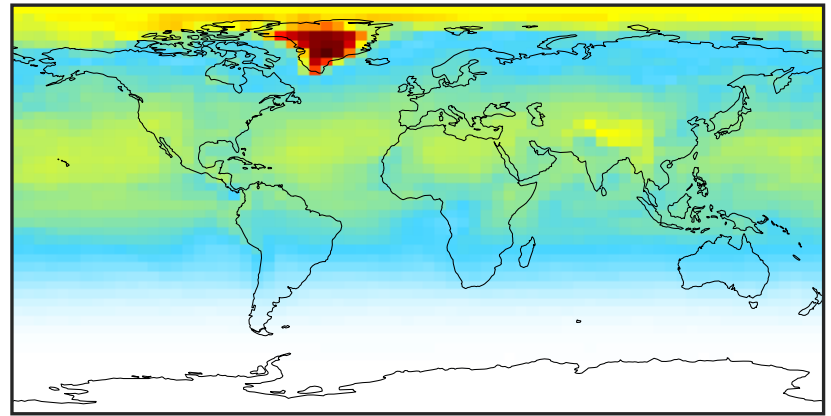


Jval_ICPDH (Jul2019)

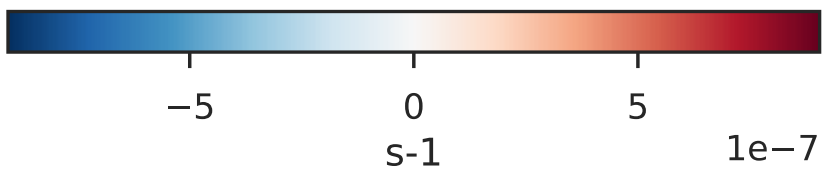
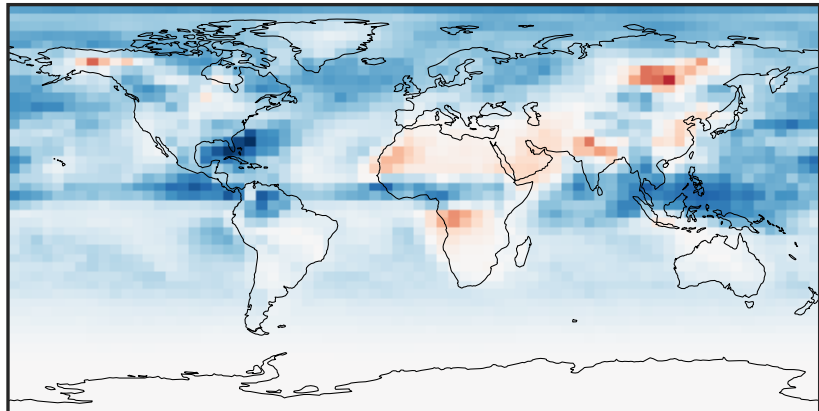
14.2.0-rc.2 (Ref)
4.0x5.0



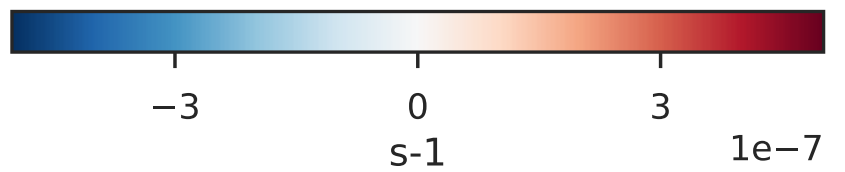
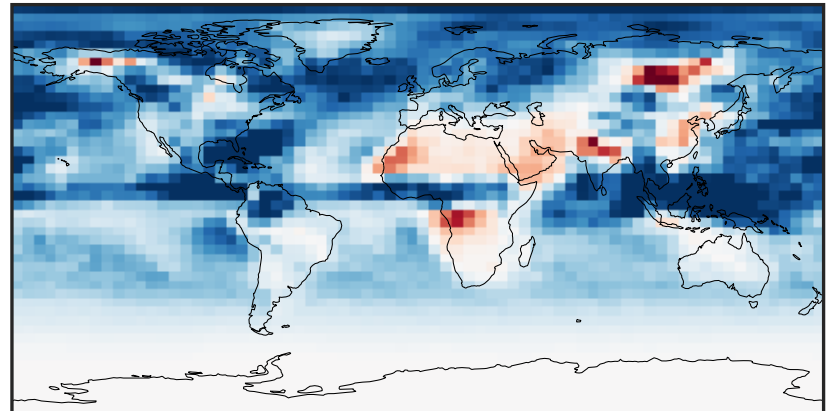
14.3.0-rc.0 (Dev)
4.0x5.0



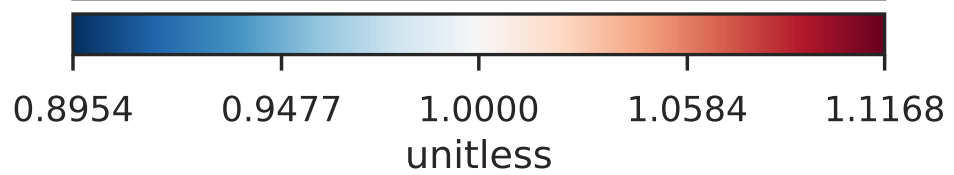
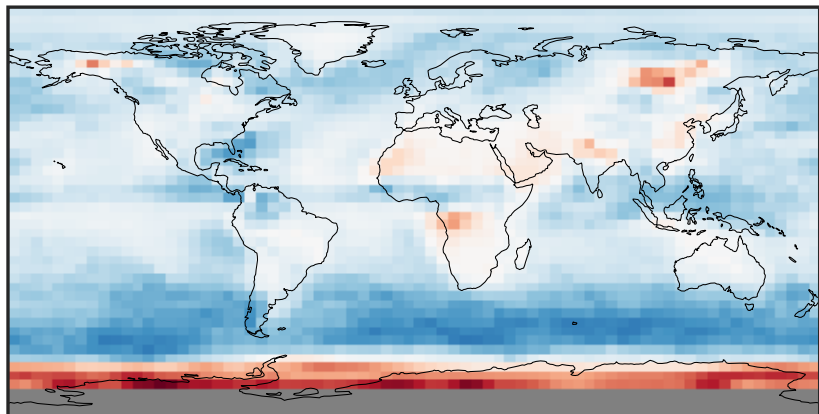
Difference
Dev - Ref, Dynamic Range



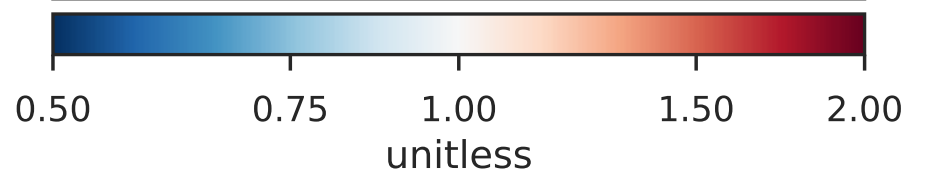
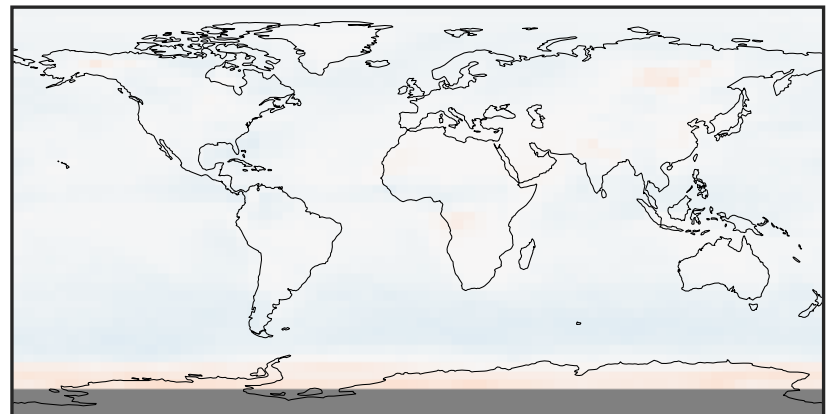
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

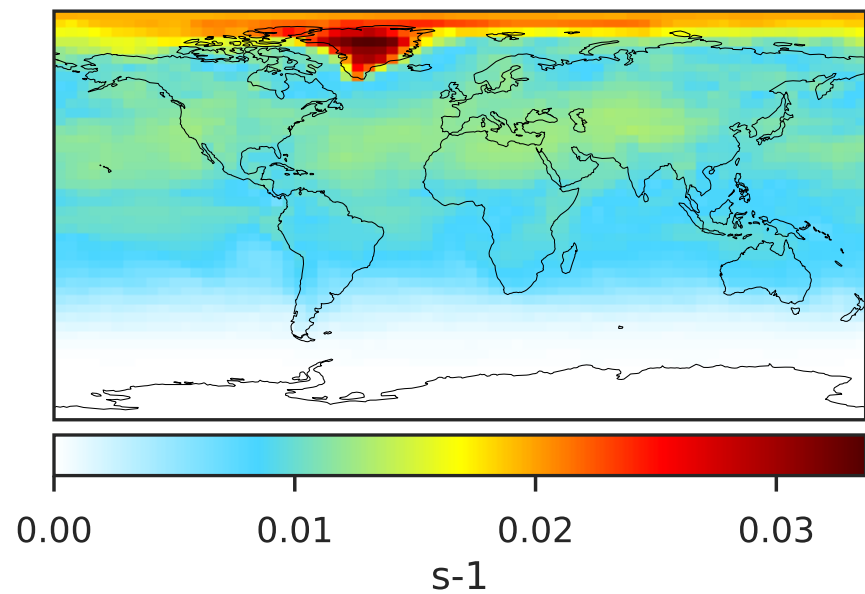


Ratio
Dev/Ref, Fixed Range

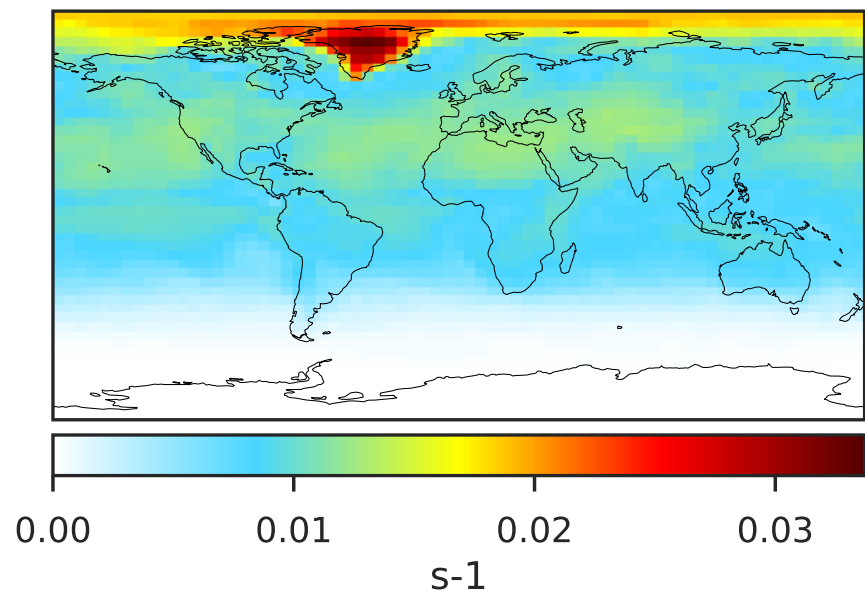


Jval_ICI (Jul2019)

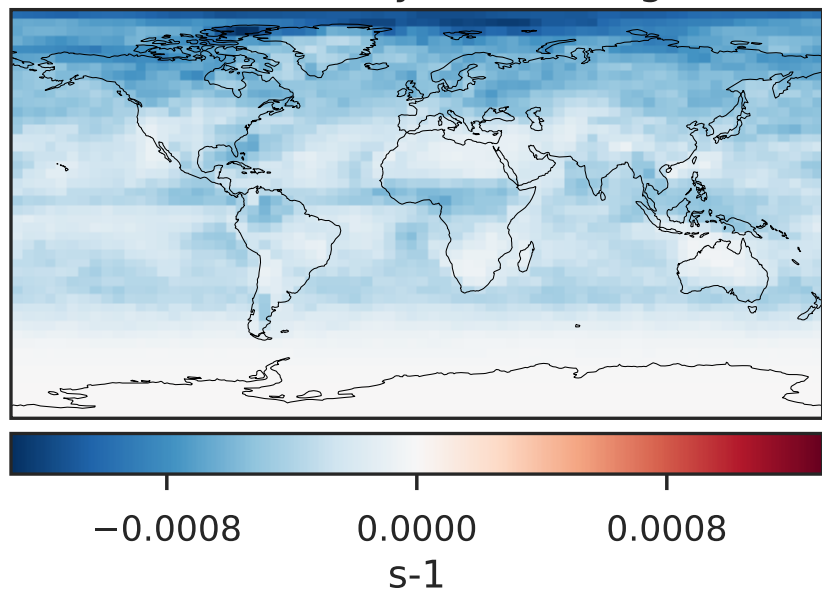
14.2.0-rc.2 (Ref)
4.0x5.0



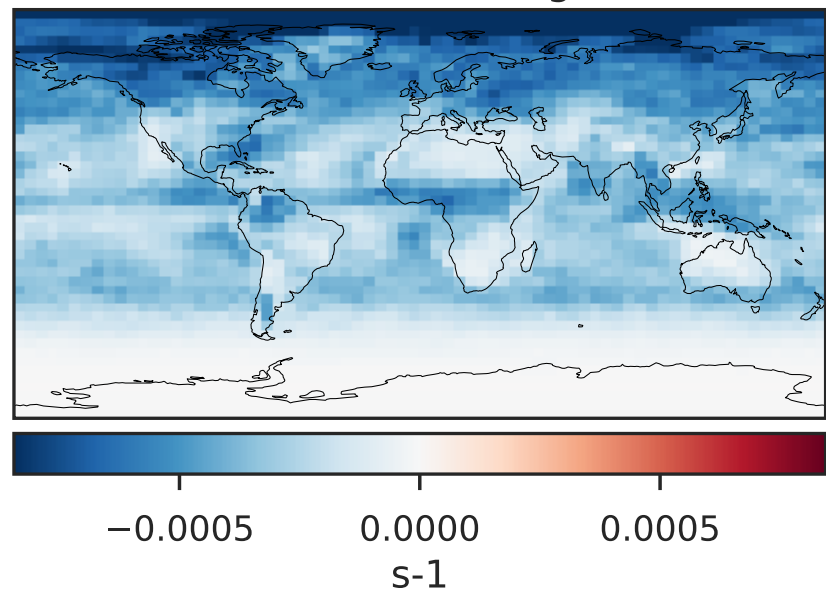
14.3.0-rc.0 (Dev)
4.0x5.0



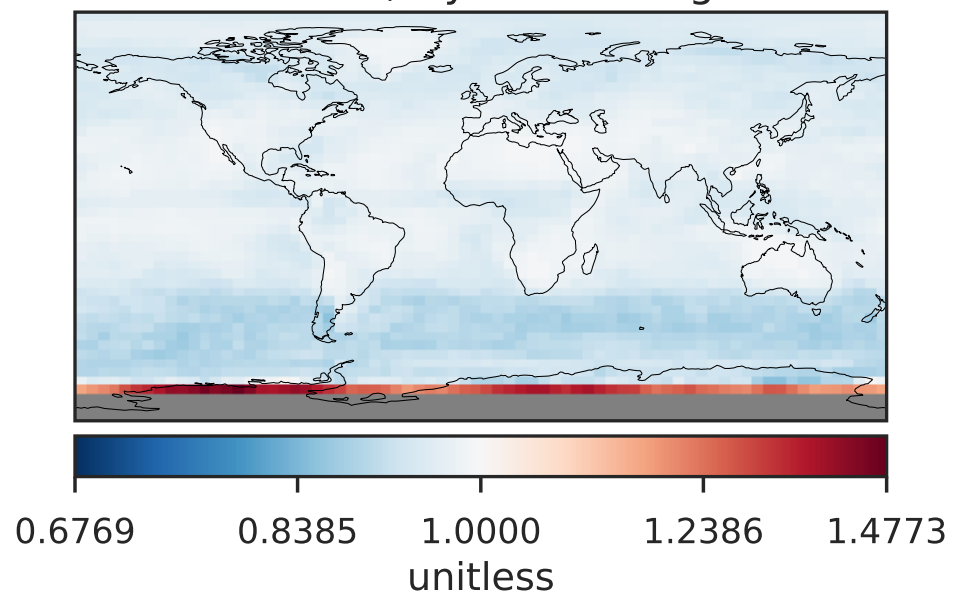
Difference
Dev - Ref, Dynamic Range



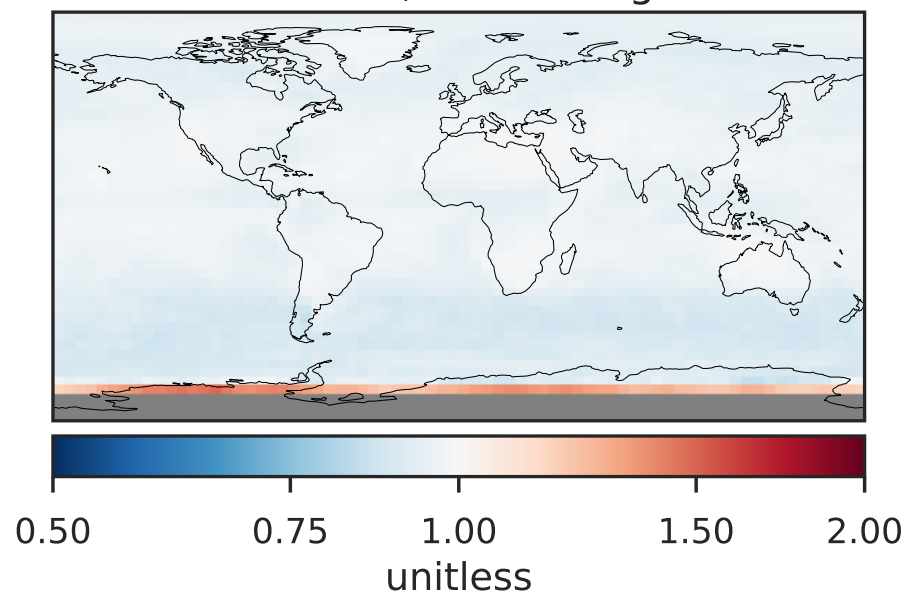
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

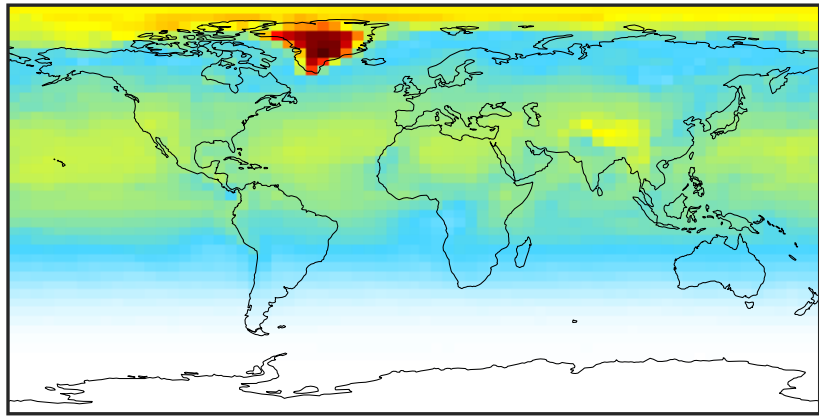


Ratio
Dev/Ref, Fixed Range



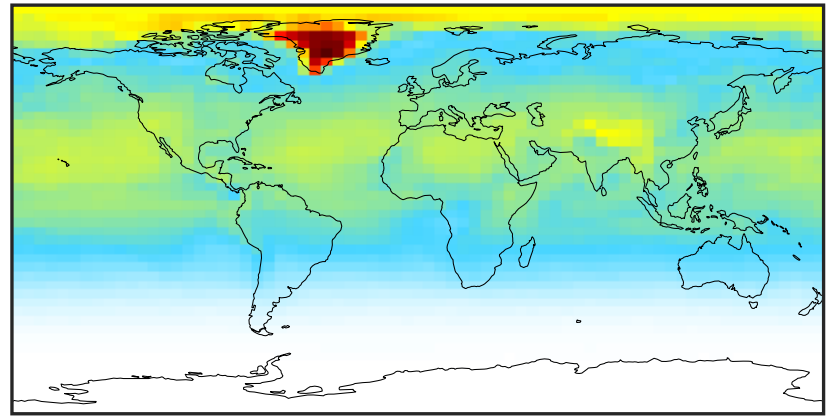
Jval_IDCHP (Jul2019)

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



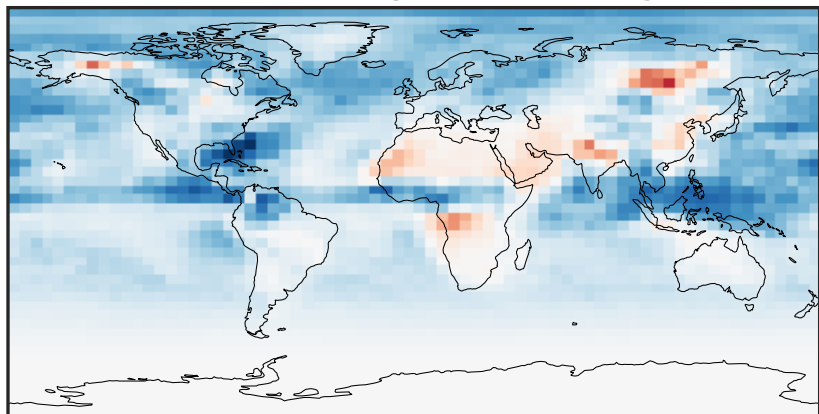
0.0 1.5 3.0 $1e-5$
s-1

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



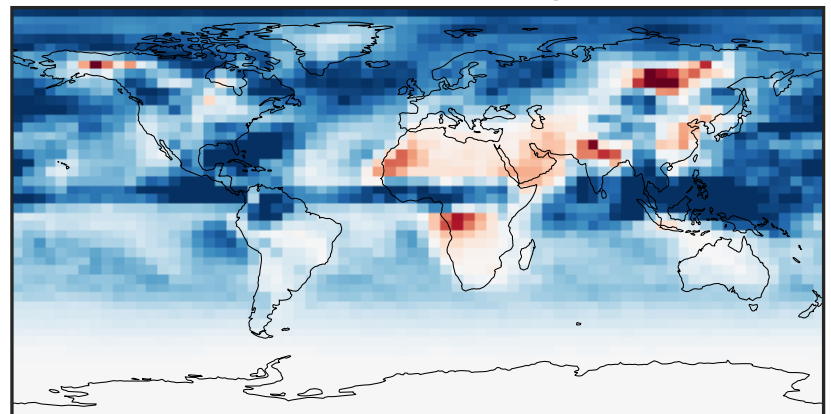
0.0 1.5 3.0 $1e-5$
s-1

Difference
Dev - Ref, Dynamic Range



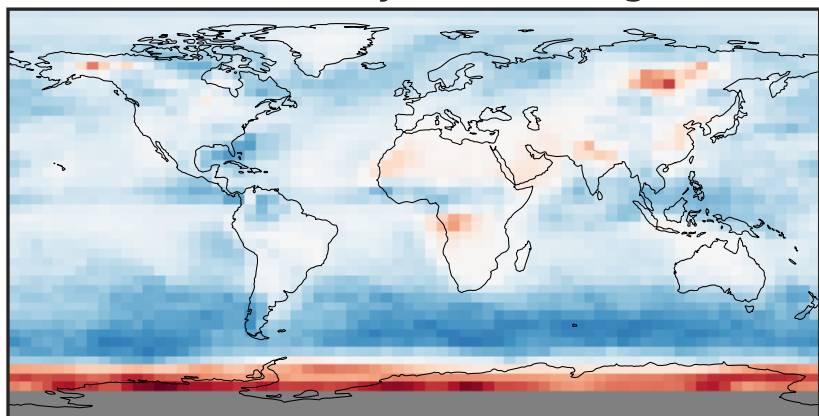
-5 0 5 $1e-7$
s-1

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



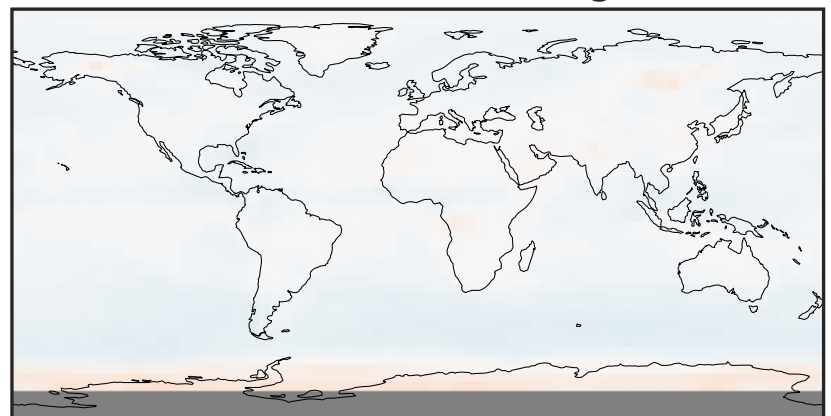
-3 0 3 $1e-7$
s-1

Ratio
Dev/Ref, Dynamic Range



0.8956 0.9478 1.0000 1.0583 1.1166
unitless

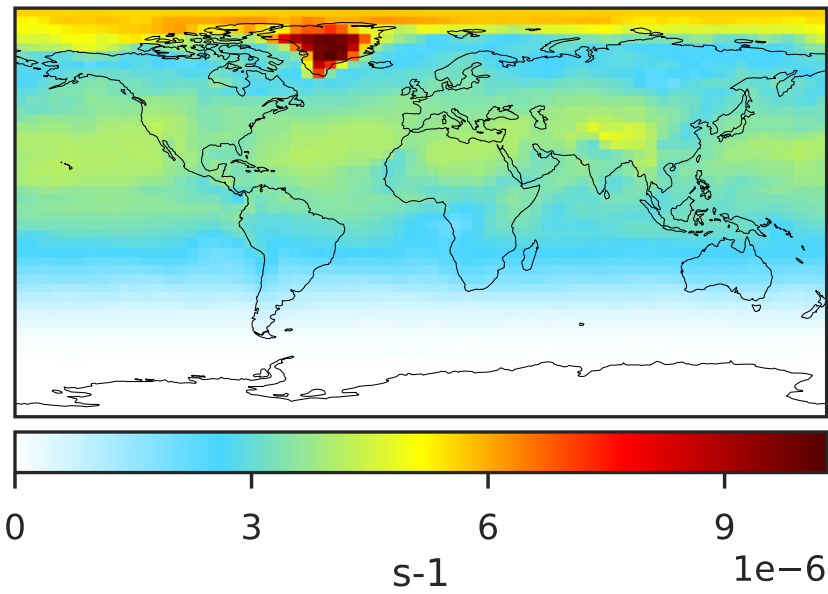
Ratio
Dev/Ref, Fixed Range



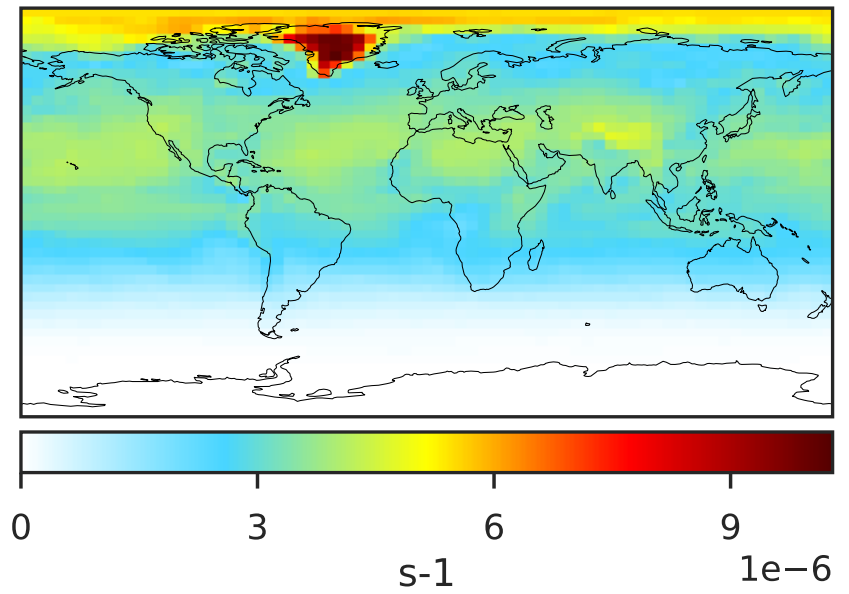
0.50 0.75 1.00 1.50 2.00
unitless

Jval_IDHDP (Jul2019)

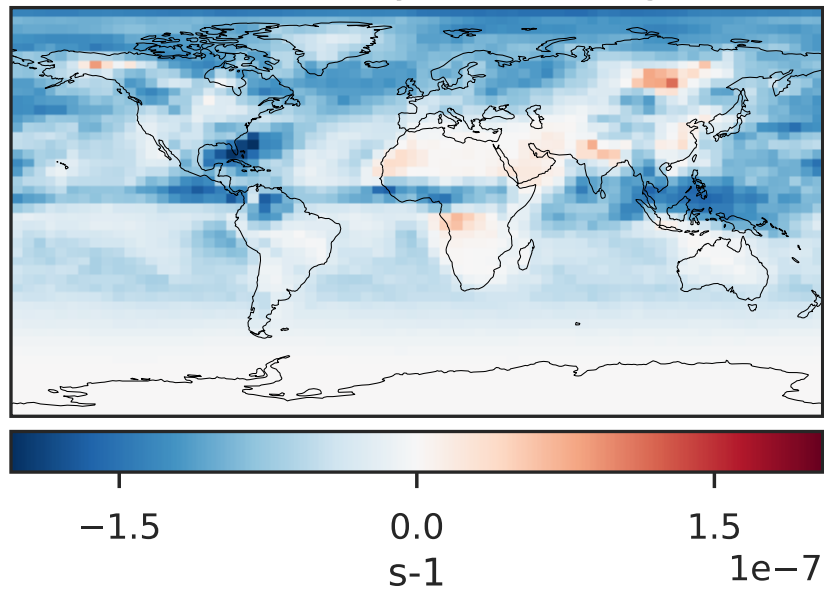
14.2.0-rc.2 (Ref)
4.0x5.0



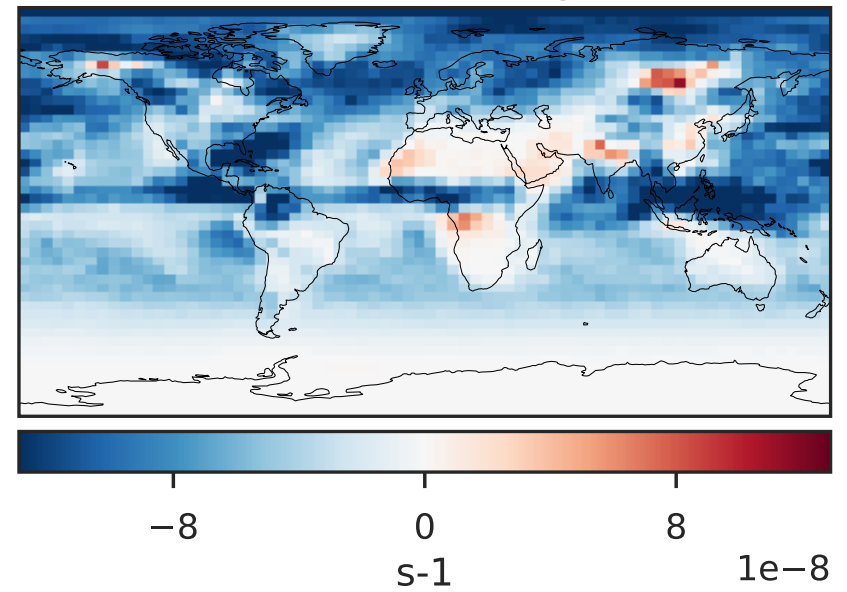
14.3.0-rc.0 (Dev)
4.0x5.0



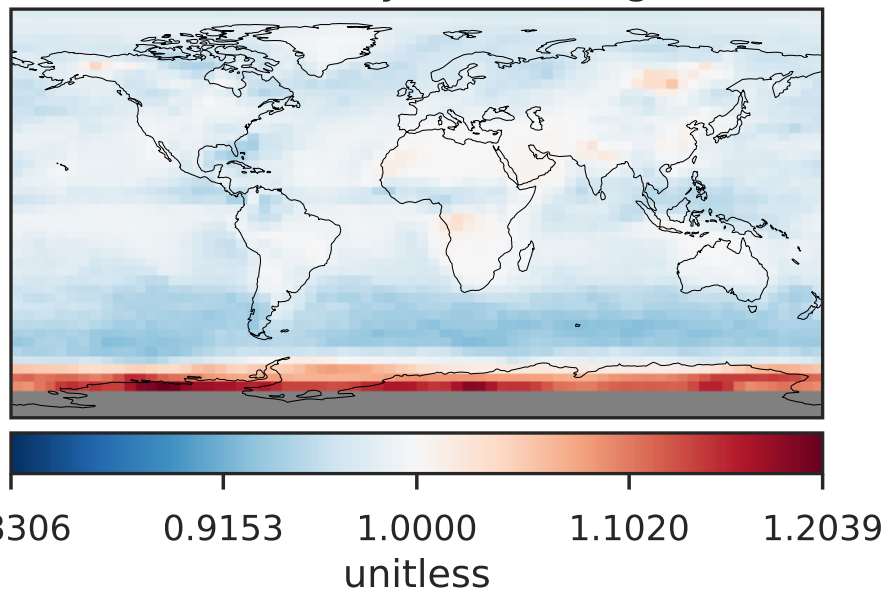
Difference
Dev - Ref, Dynamic Range



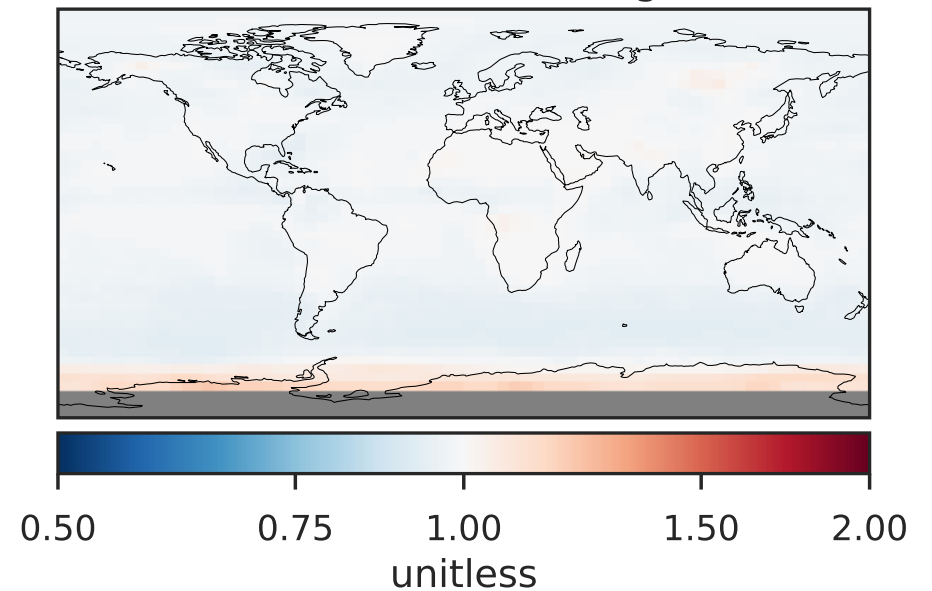
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

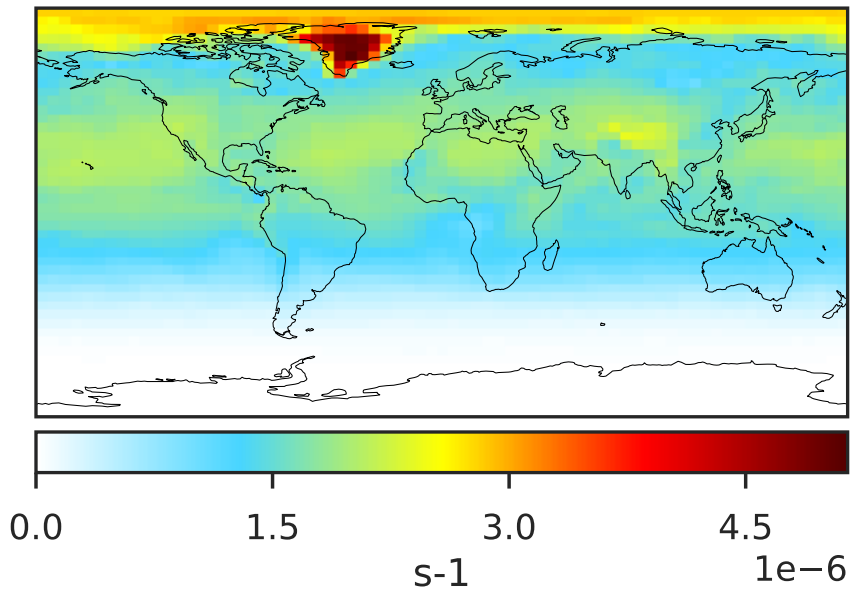


Ratio
Dev/Ref, Fixed Range

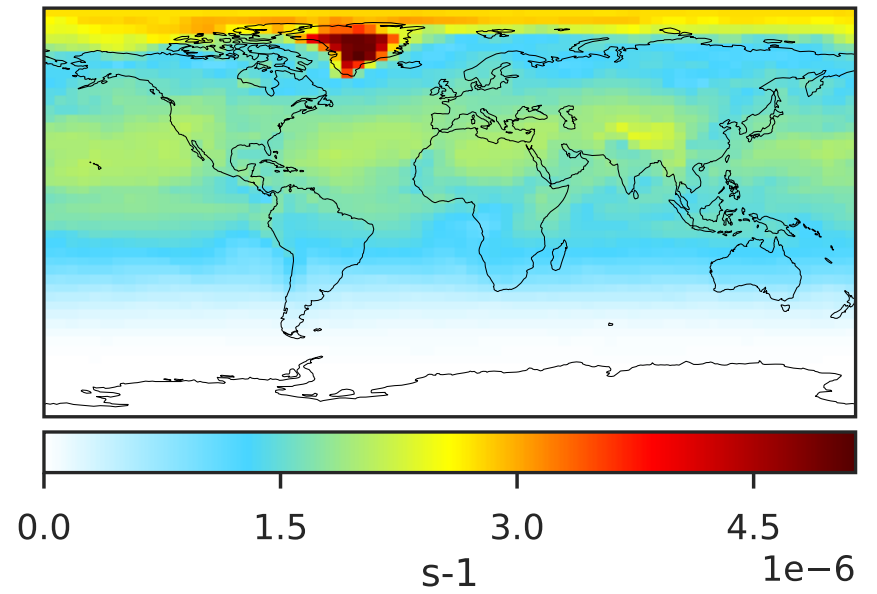


Jval_IDHPE (Jul2019)

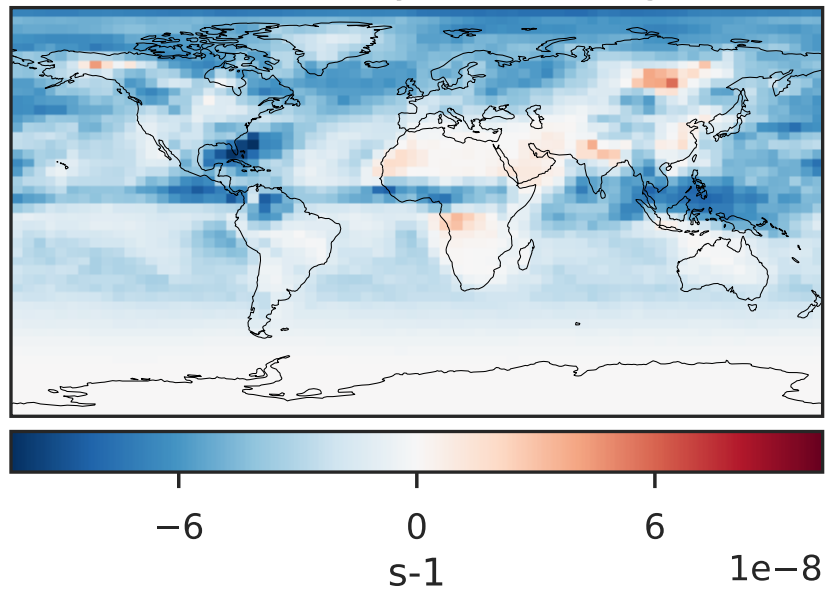
14.2.0-rc.2 (Ref)
4.0x5.0



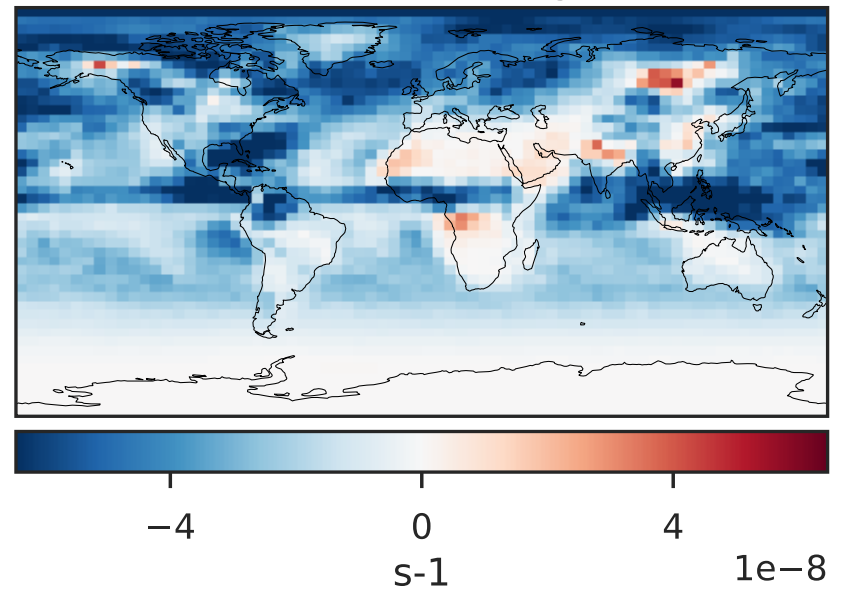
14.3.0-rc.0 (Dev)
4.0x5.0



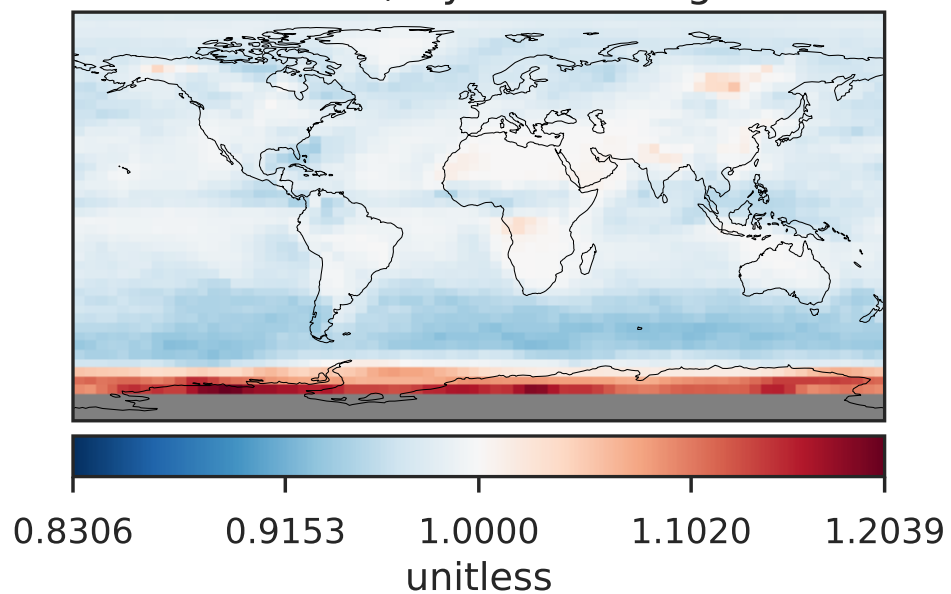
Difference
Dev - Ref, Dynamic Range



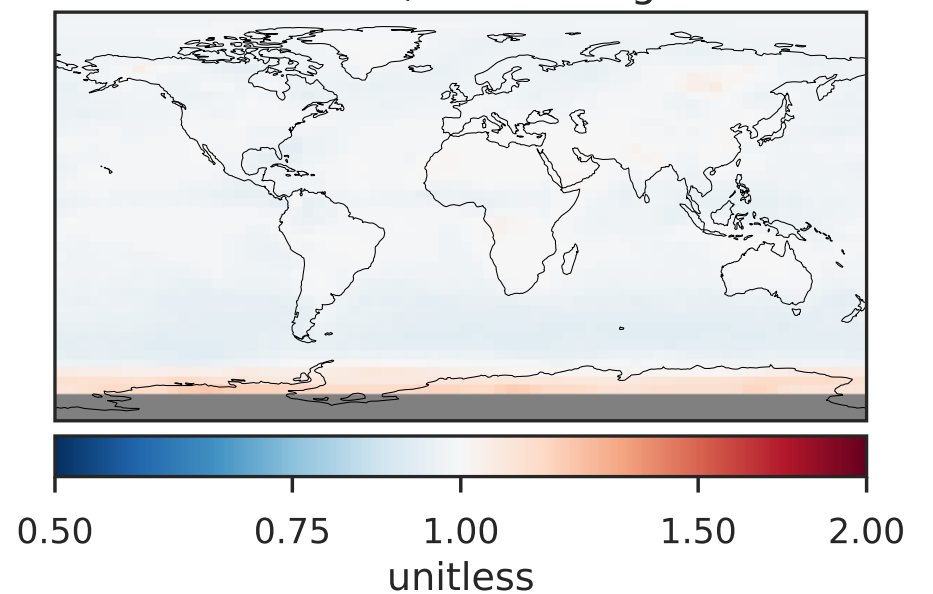
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

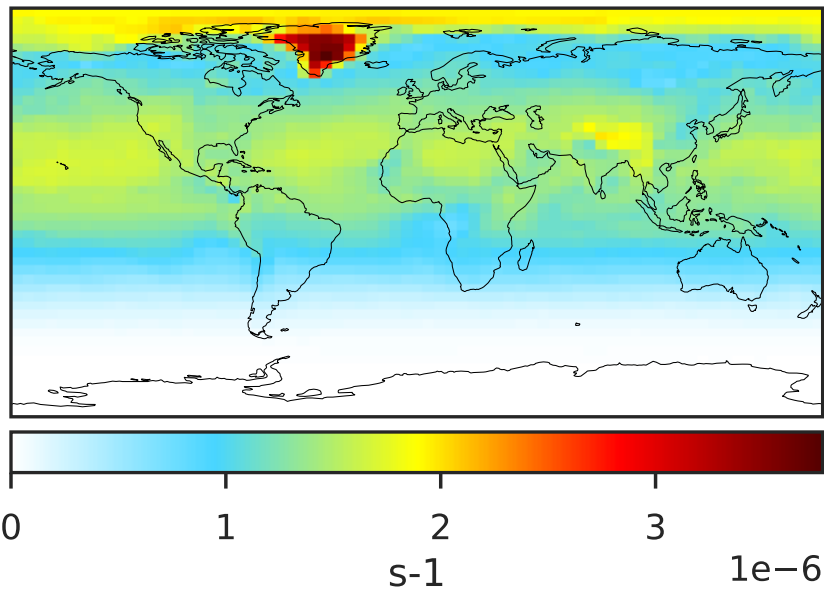


Ratio
Dev/Ref, Fixed Range

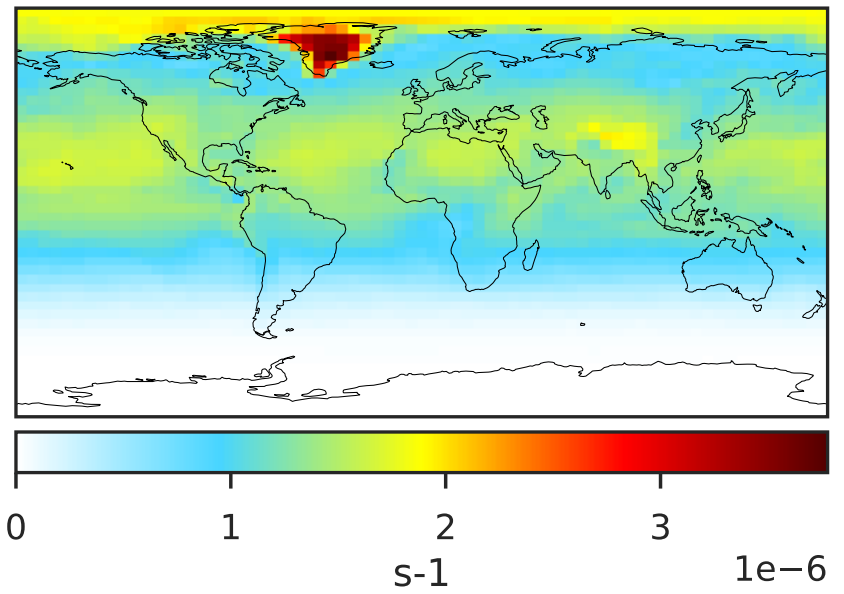


Jval_IDN (Jul2019)

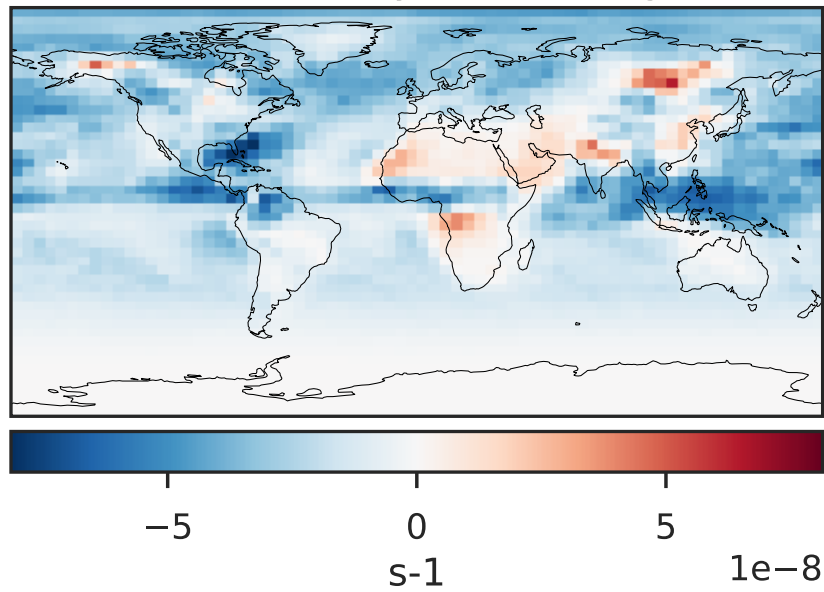
14.2.0-rc.2 (Ref)
4.0x5.0



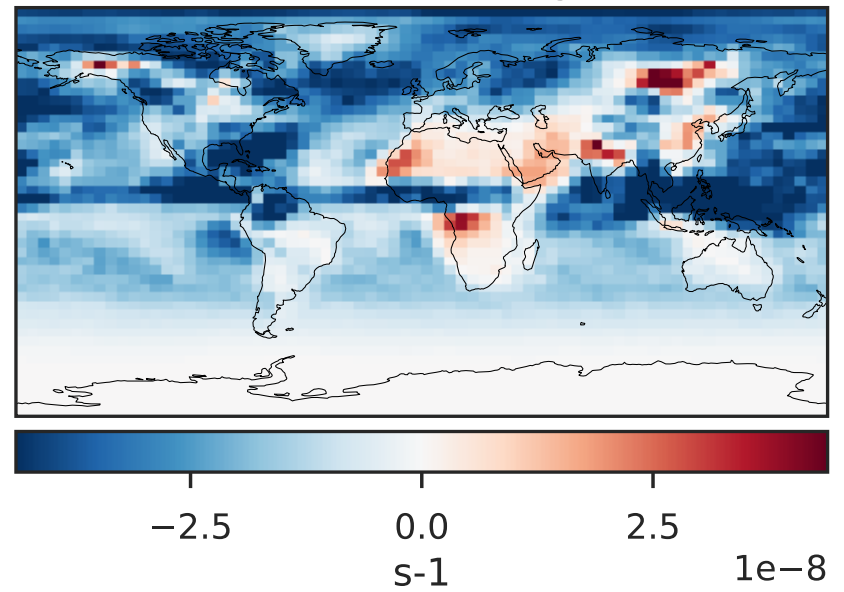
14.3.0-rc.0 (Dev)
4.0x5.0



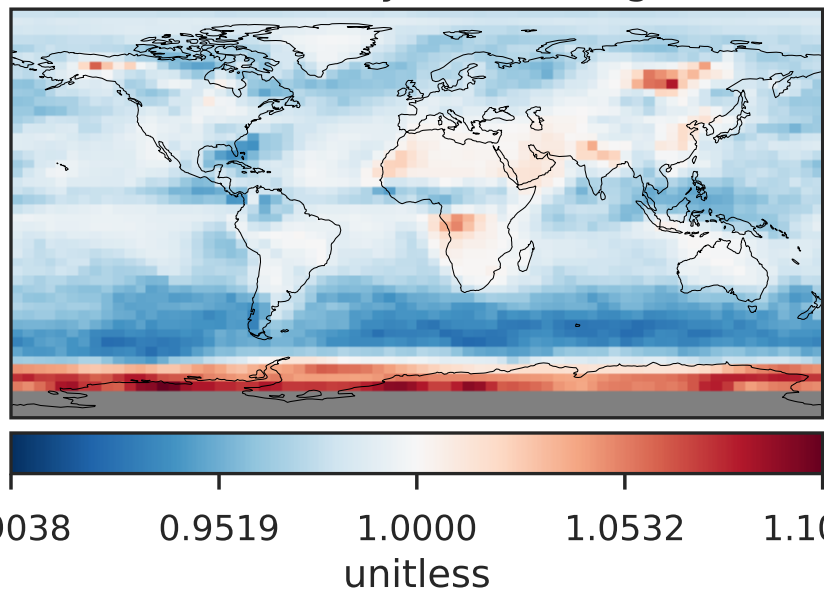
Difference
Dev - Ref, Dynamic Range



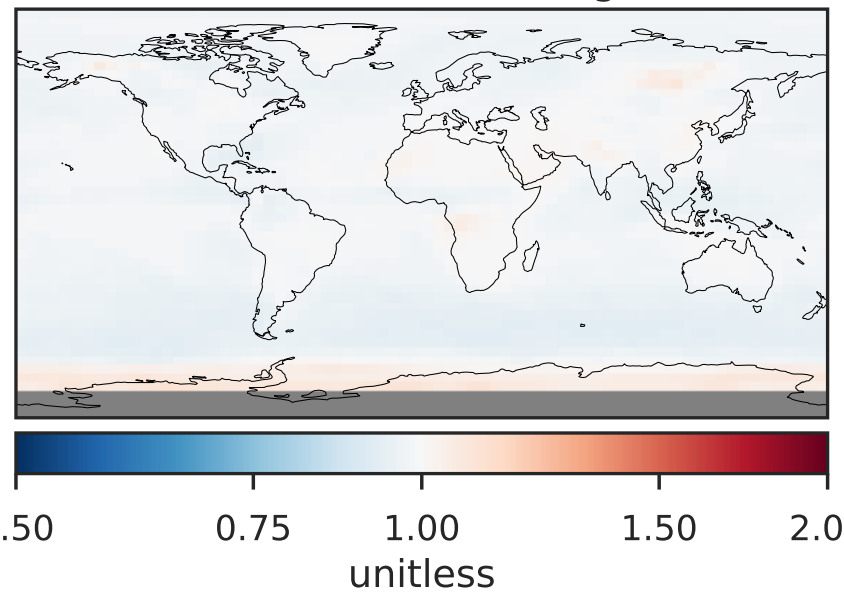
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

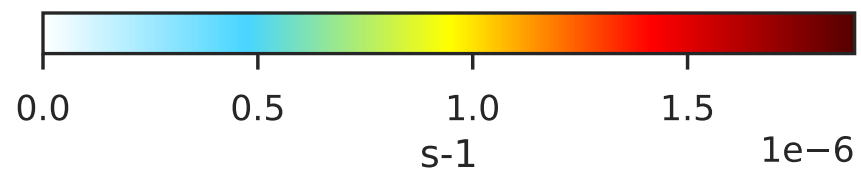
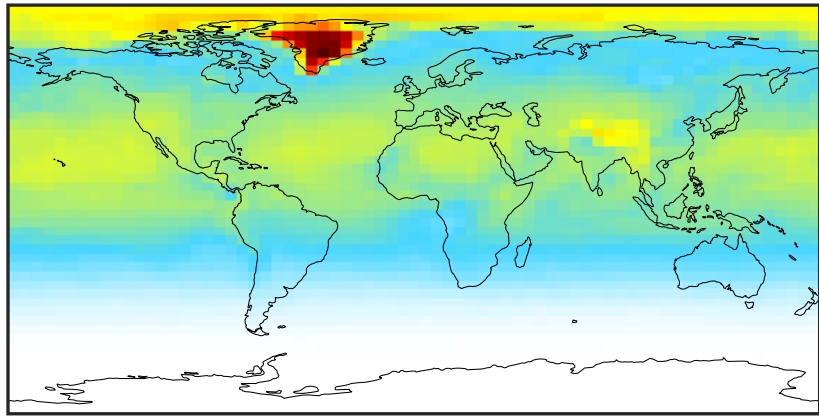


Ratio
Dev/Ref, Fixed Range

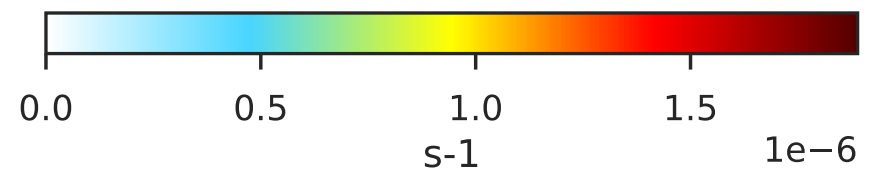
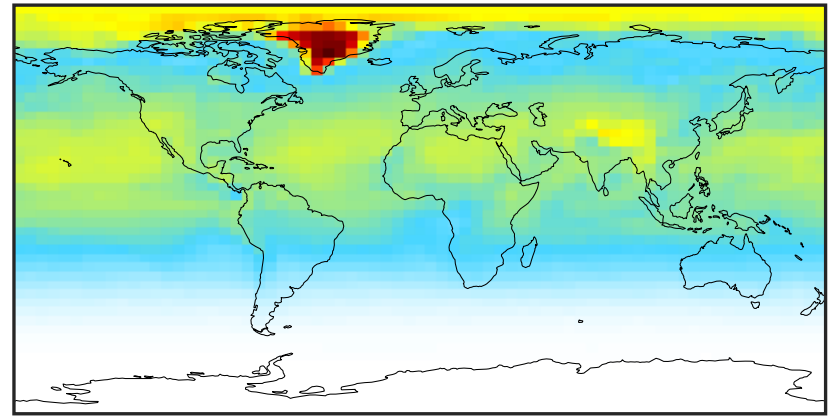


Jval_IHN1 (Jul2019)

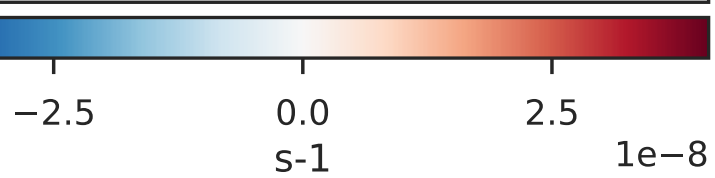
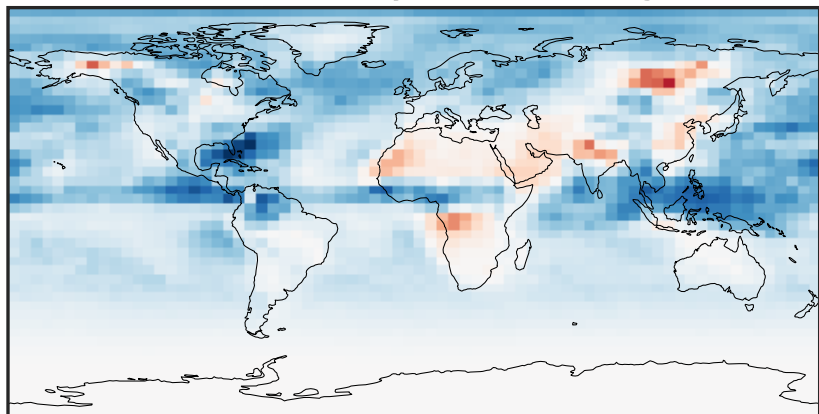
14.2.0-rc.2 (Ref)
4.0x5.0



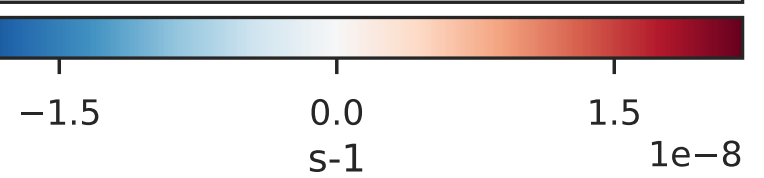
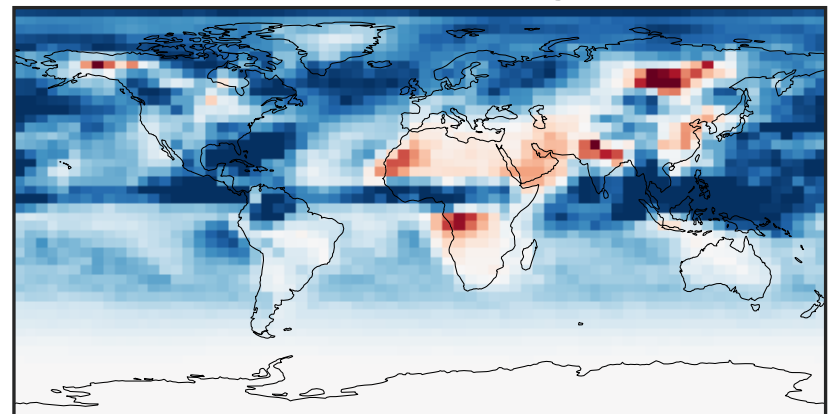
14.3.0-rc.0 (Dev)
4.0x5.0



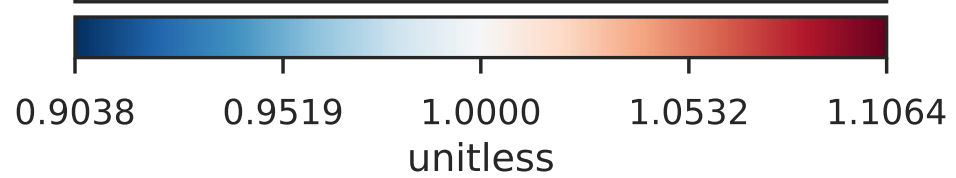
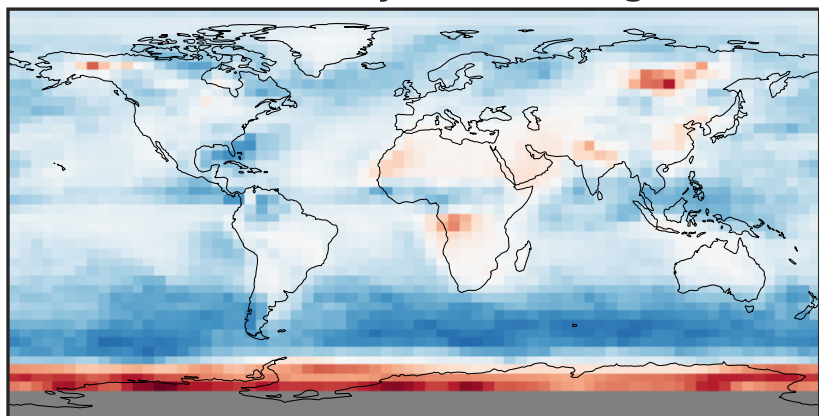
Difference
Dev - Ref, Dynamic Range



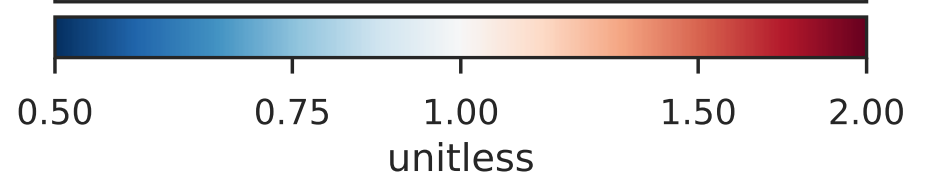
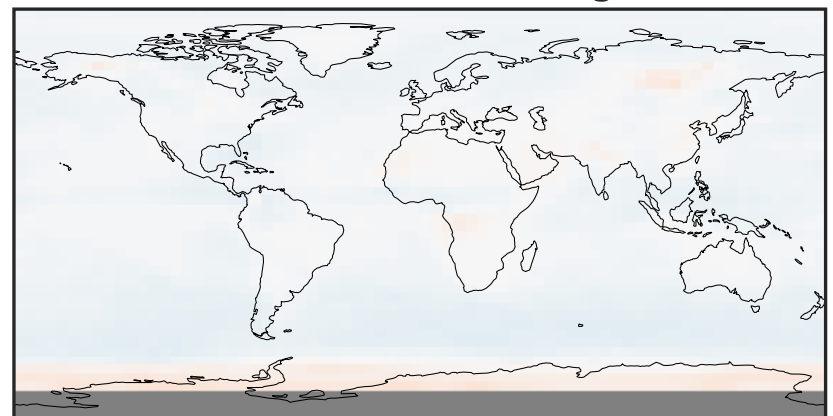
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

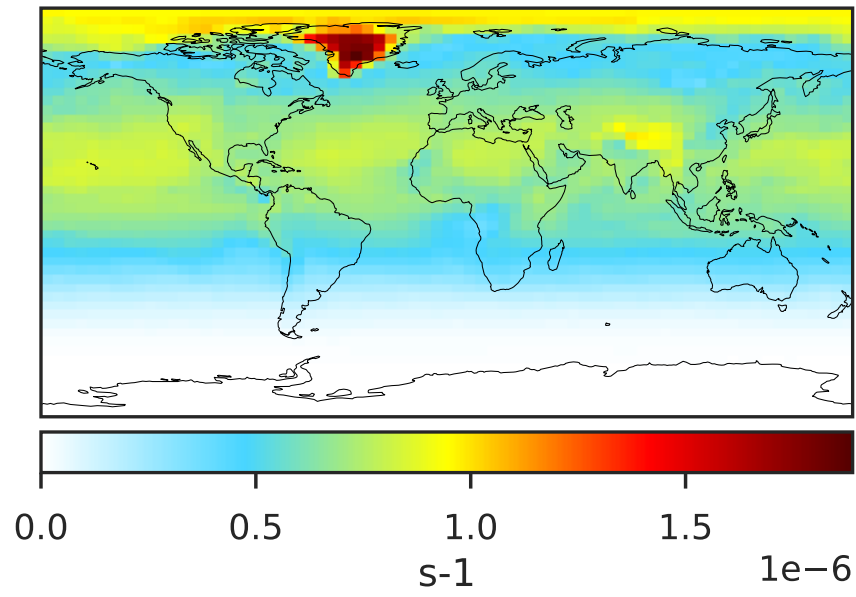


Ratio
Dev/Ref, Fixed Range

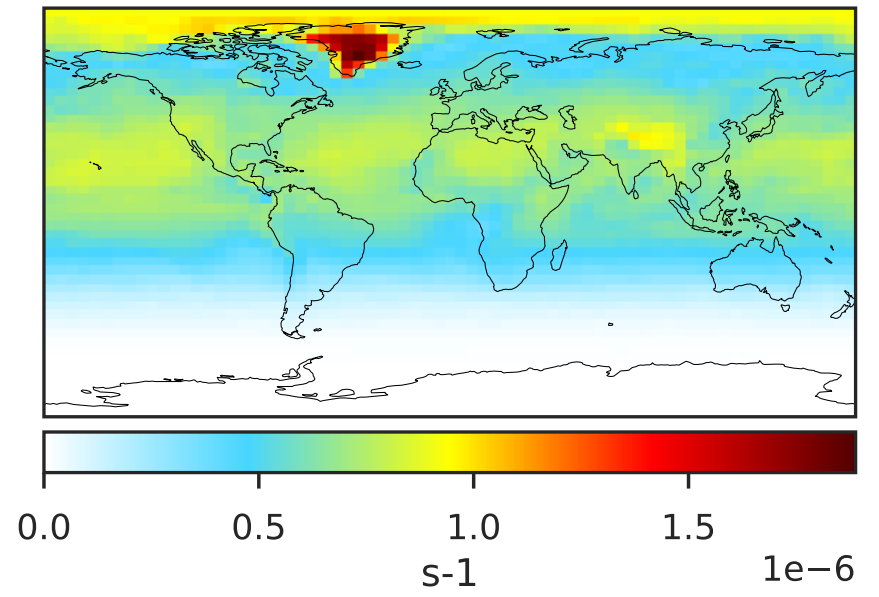


Jval_IHN2 (Jul2019)

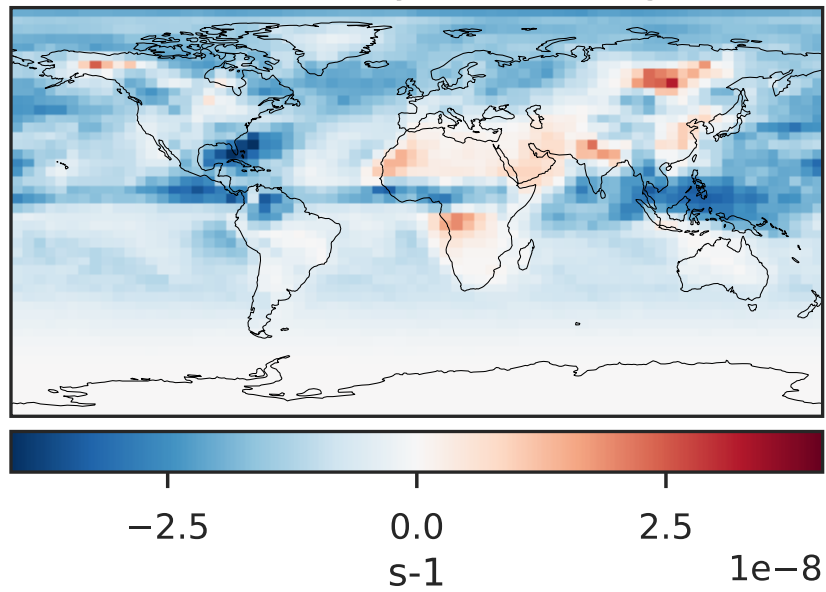
14.2.0-rc.2 (Ref)
4.0x5.0



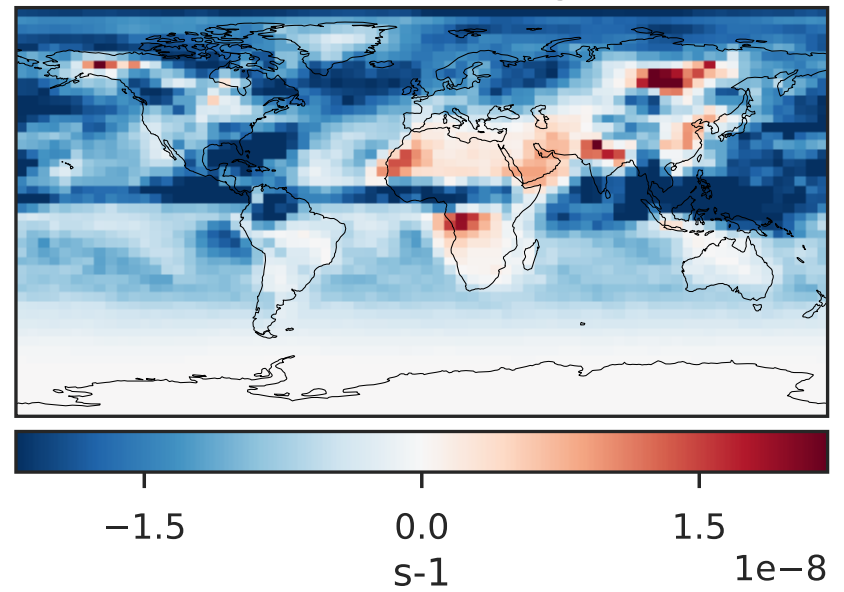
14.3.0-rc.0 (Dev)
4.0x5.0



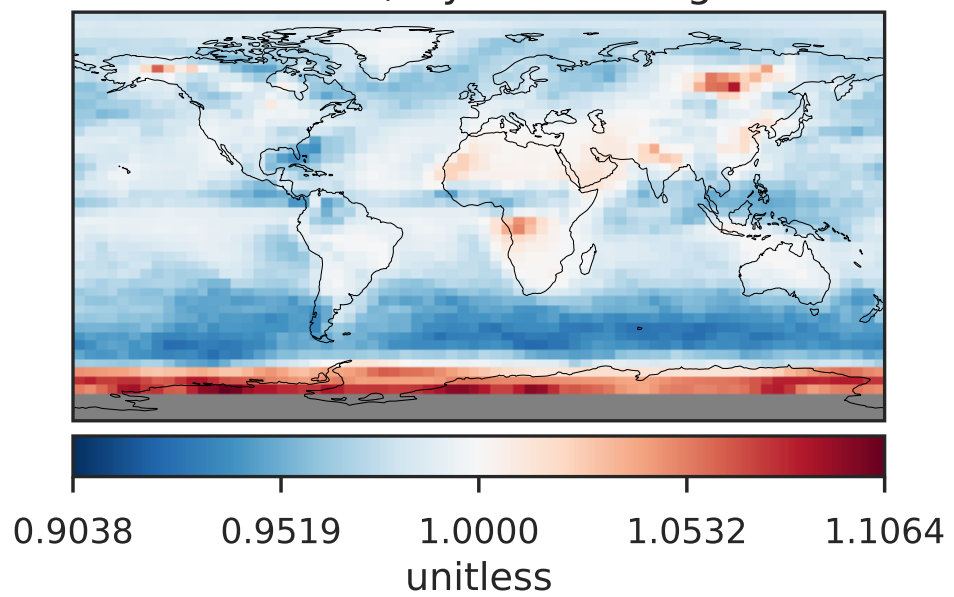
Difference
Dev - Ref, Dynamic Range



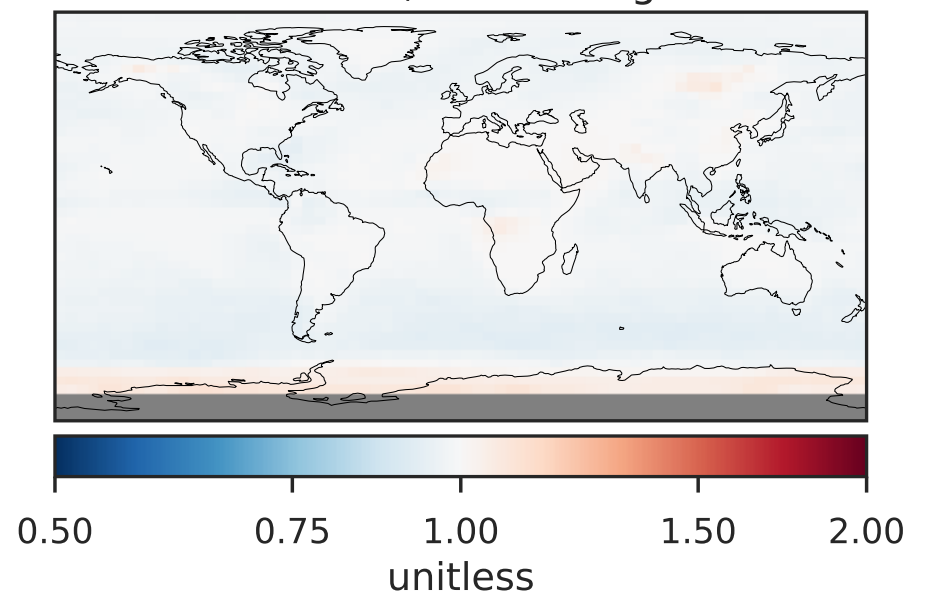
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

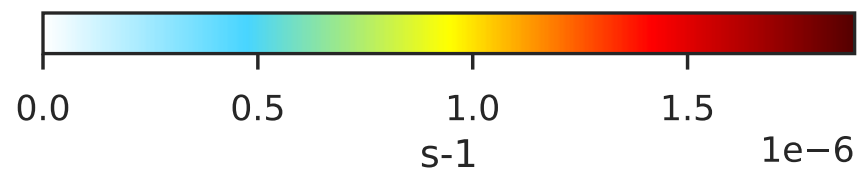
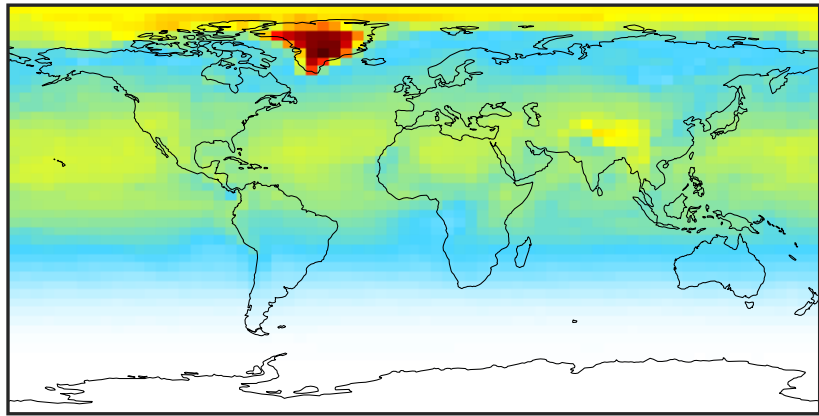


Ratio
Dev/Ref, Fixed Range

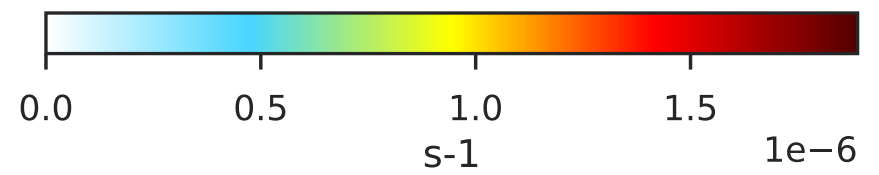
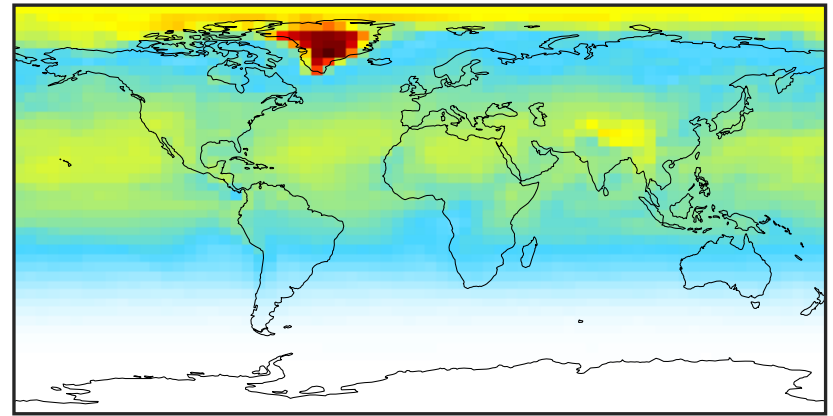


Jval_IHN3 (Jul2019)

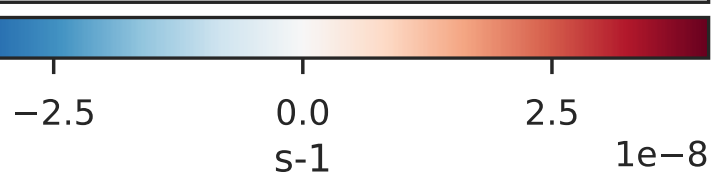
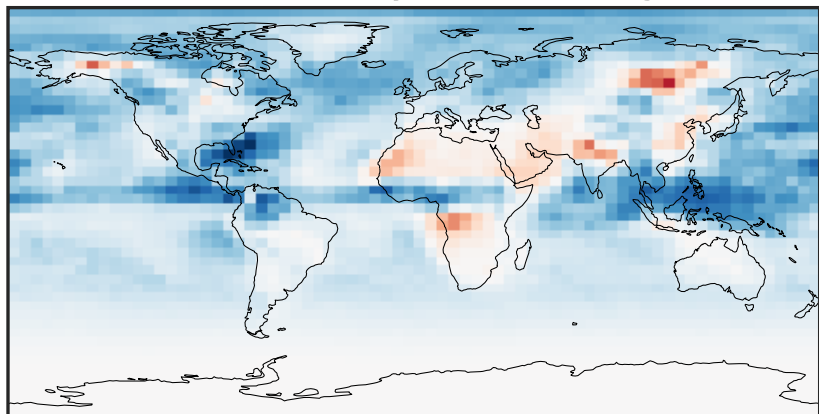
14.2.0-rc.2 (Ref)
4.0x5.0



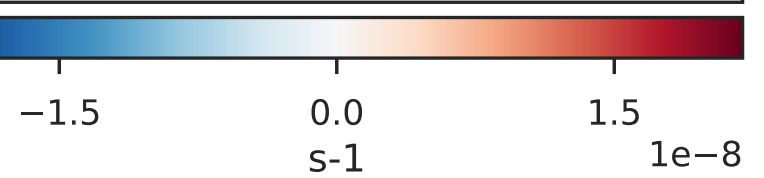
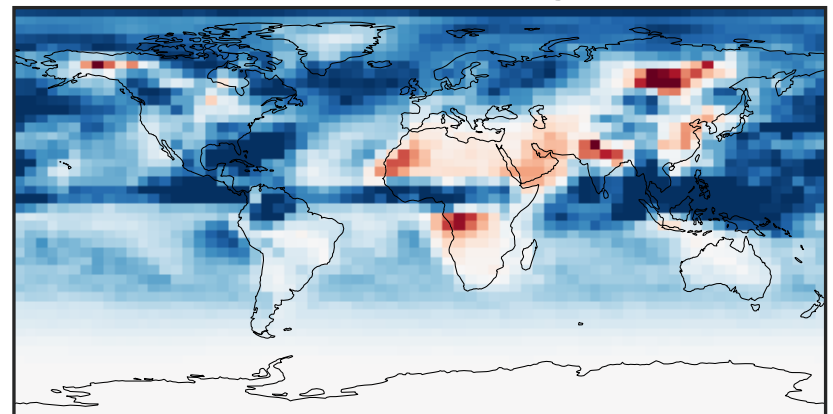
14.3.0-rc.0 (Dev)
4.0x5.0



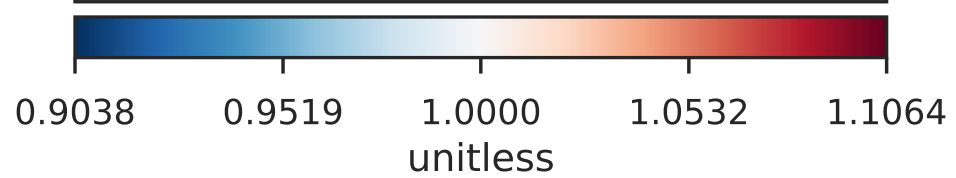
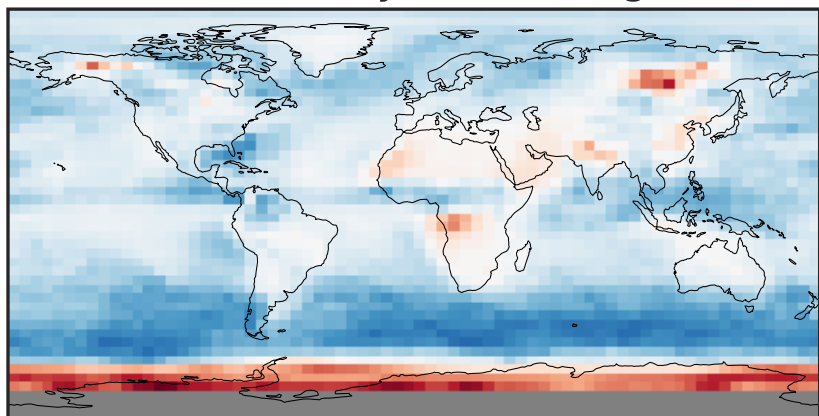
Difference
Dev - Ref, Dynamic Range



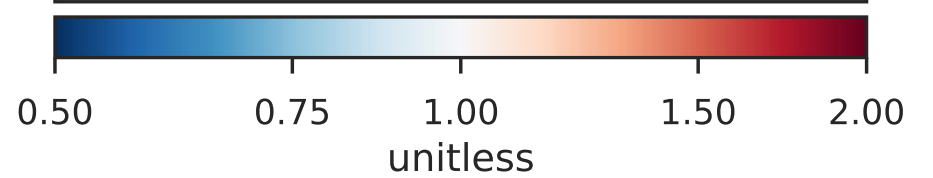
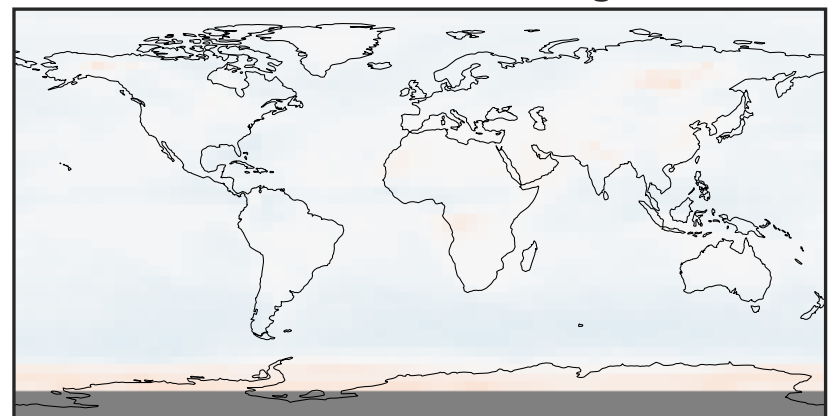
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

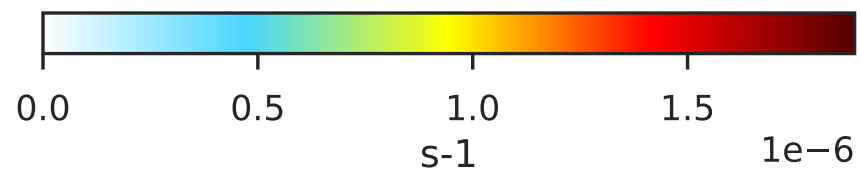
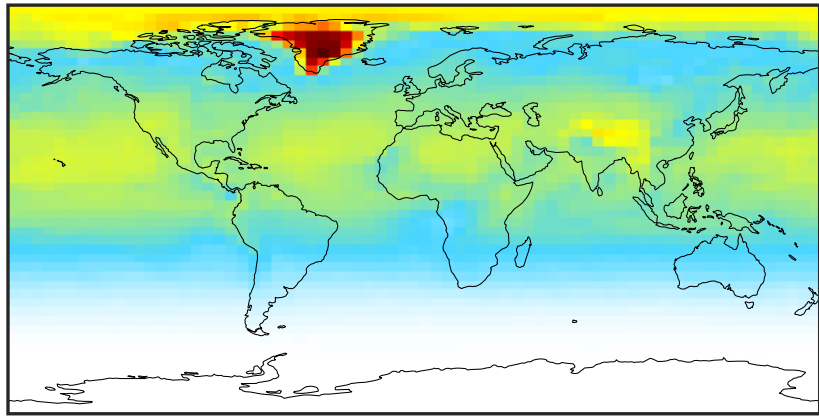


Ratio
Dev/Ref, Fixed Range

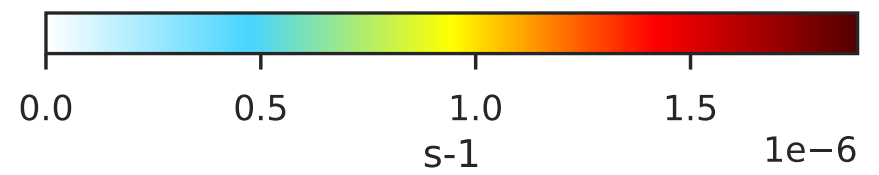
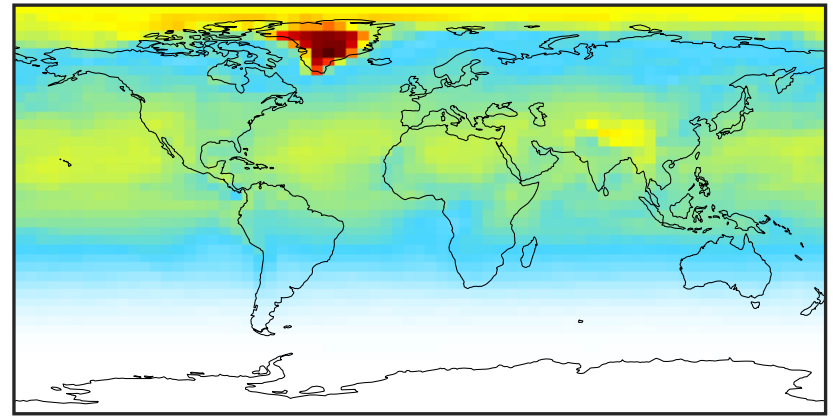


Jval_IHN4 (Jul2019)

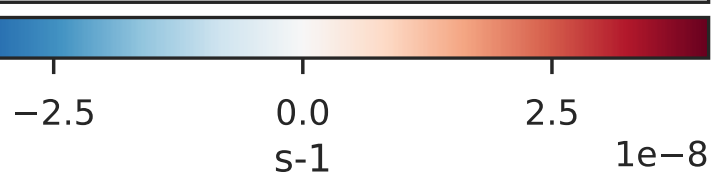
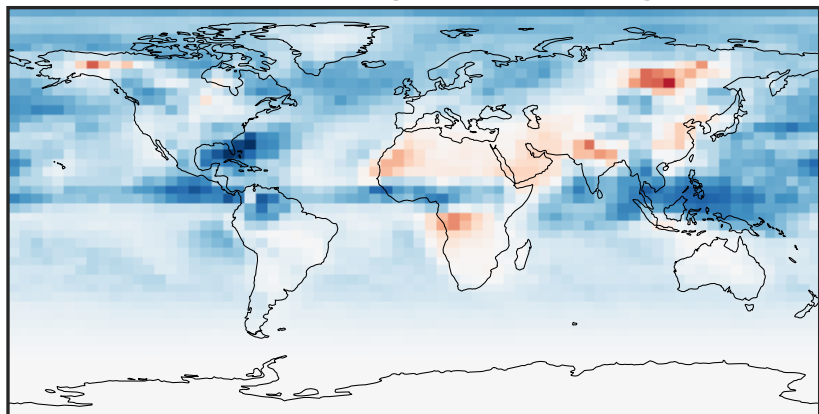
14.2.0-rc.2 (Ref)
4.0x5.0



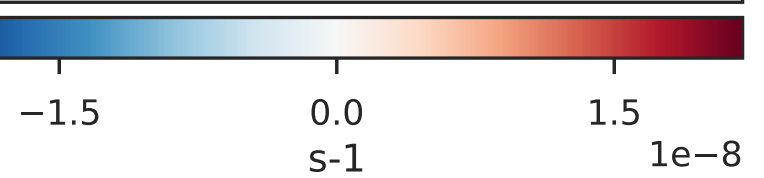
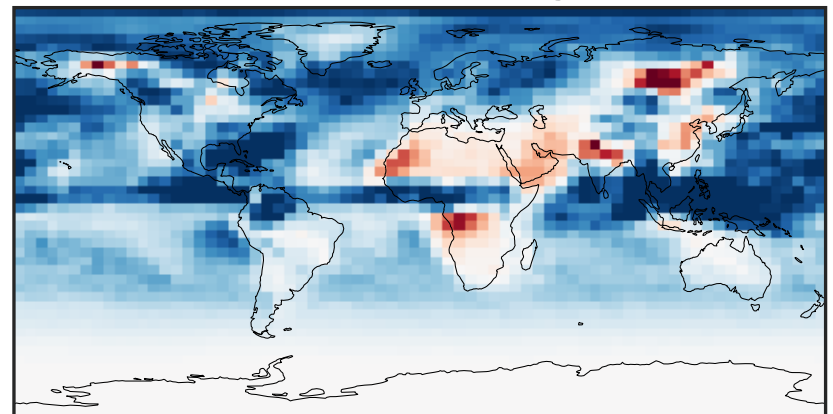
14.3.0-rc.0 (Dev)
4.0x5.0



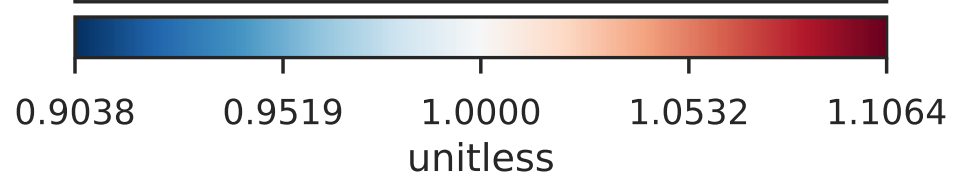
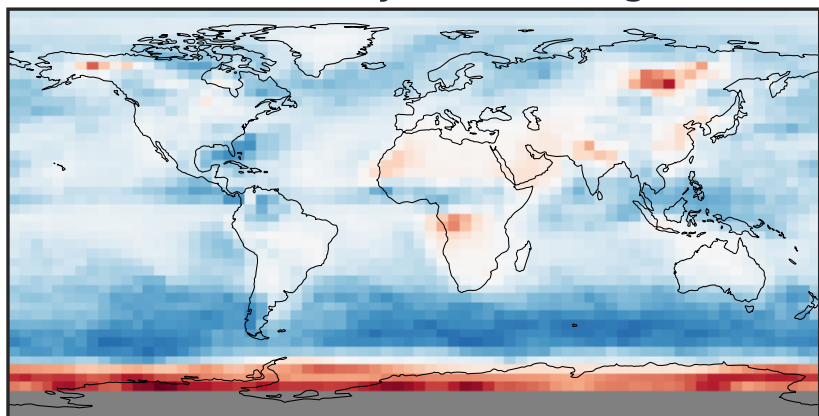
Difference
Dev - Ref, Dynamic Range



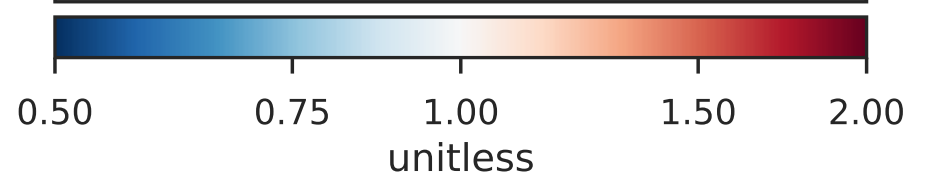
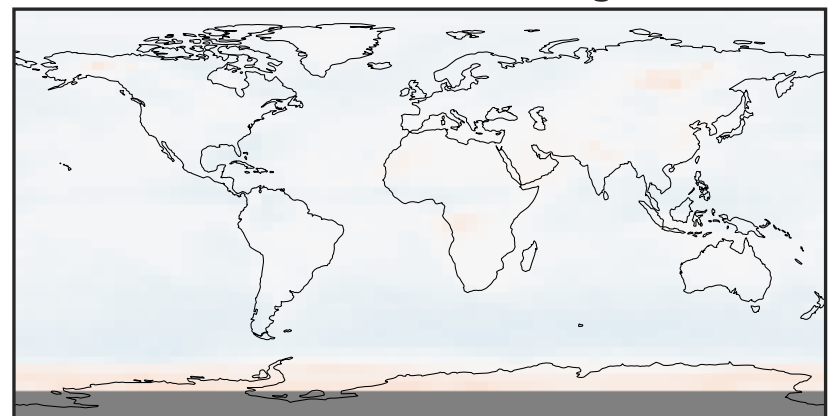
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

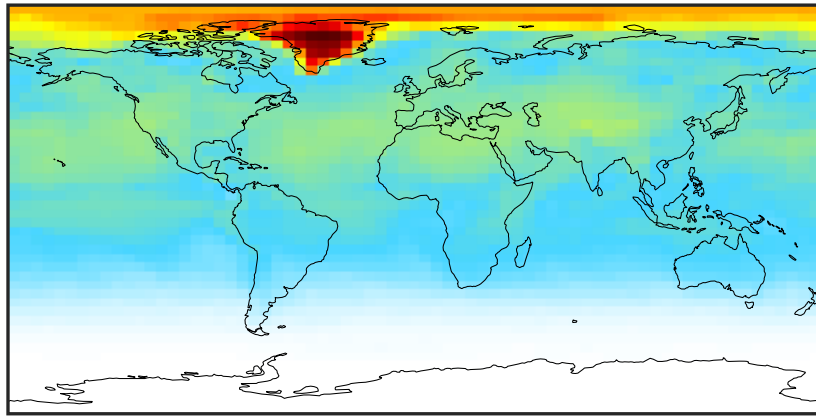


Ratio
Dev/Ref, Fixed Range



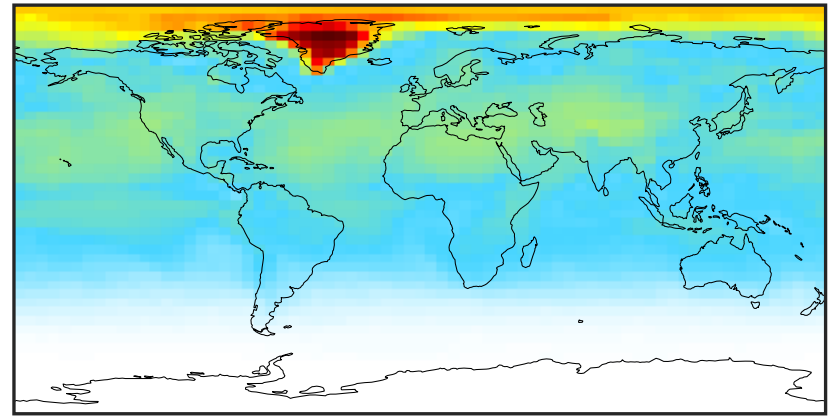
Jval_INO (Jul2019)

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



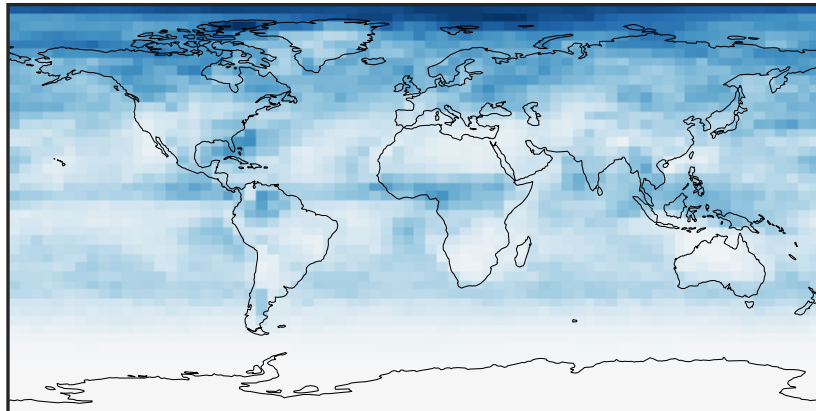
0.000 0.015 0.030
s-1

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



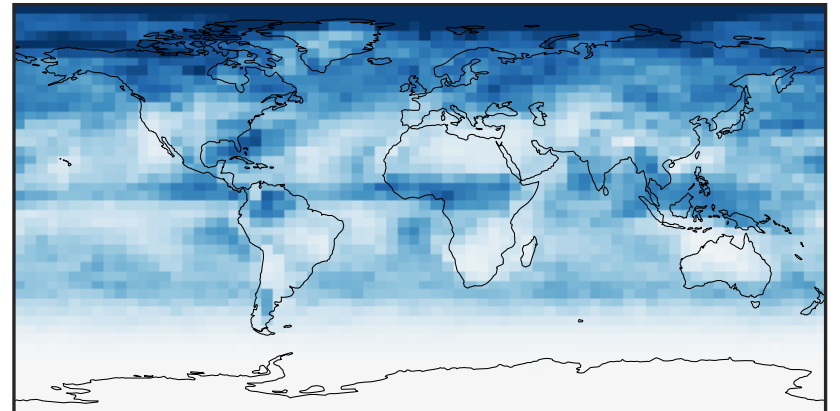
0.000 0.015 0.030
s-1

Difference
Dev - Ref, Dynamic Range



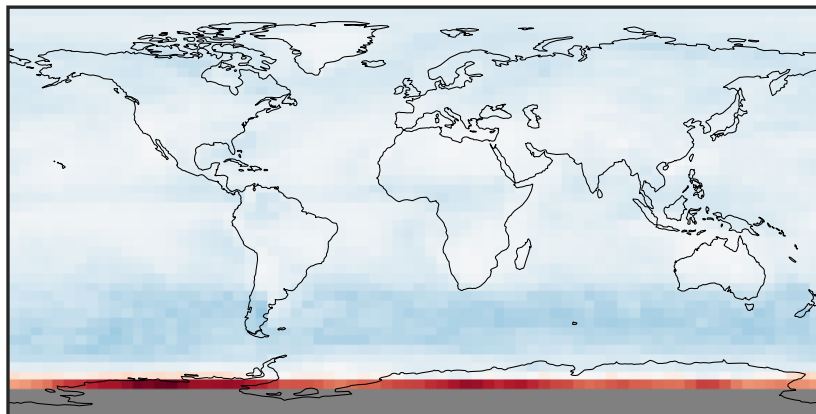
-0.0008 0.0000 0.0008
s-1

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



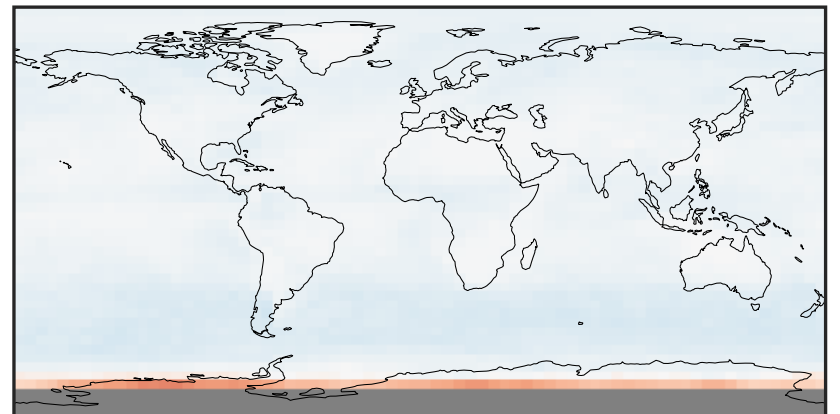
-0.0005 0.0000 0.0005
s-1

Ratio
Dev/Ref, Dynamic Range



0.7072 0.8536 1.0000 1.2070 1.4140
unitless

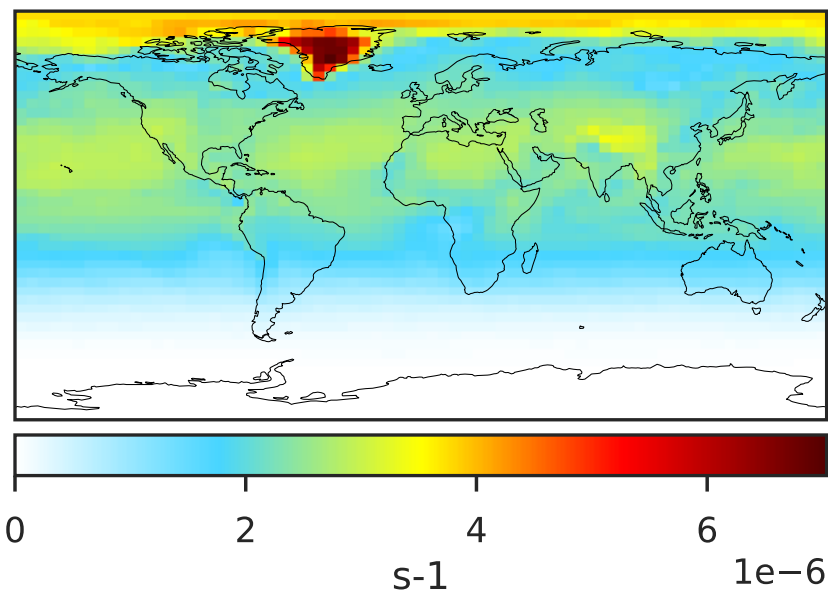
Ratio
Dev/Ref, Fixed Range



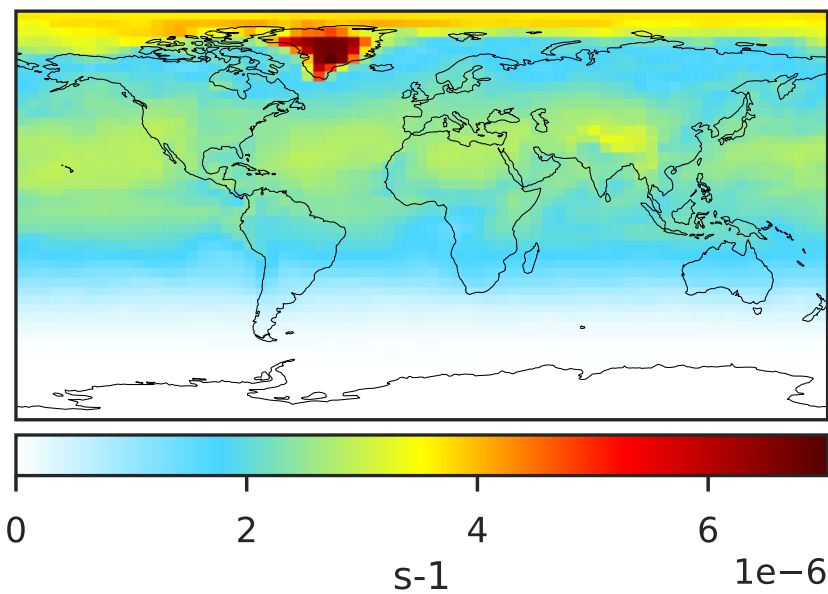
0.50 0.75 1.00 1.50 2.00
unitless

Jval_INPB (Jul2019)

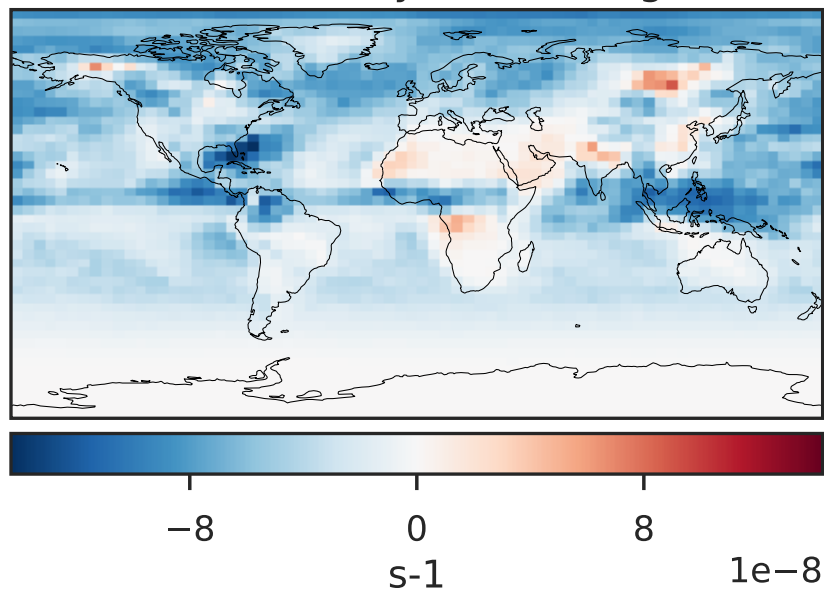
14.2.0-rc.2 (Ref)
4.0x5.0



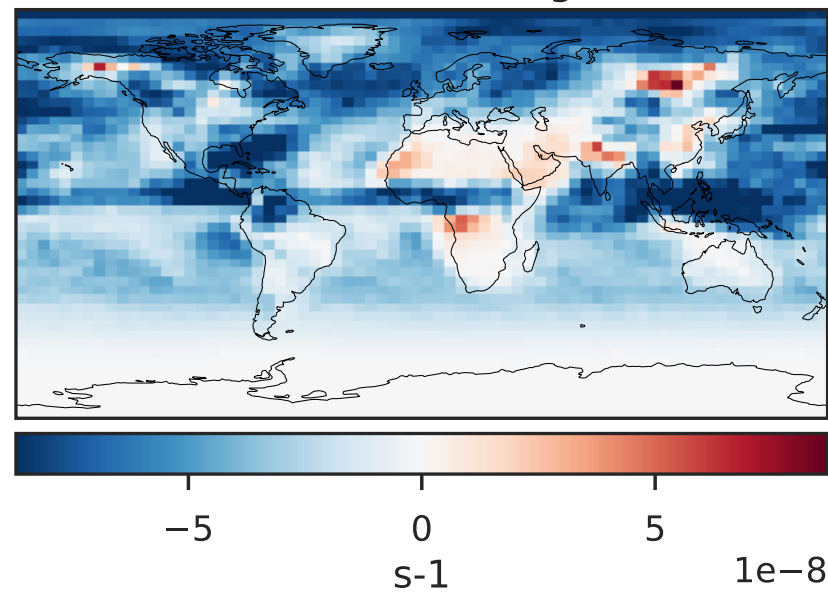
14.3.0-rc.0 (Dev)
4.0x5.0



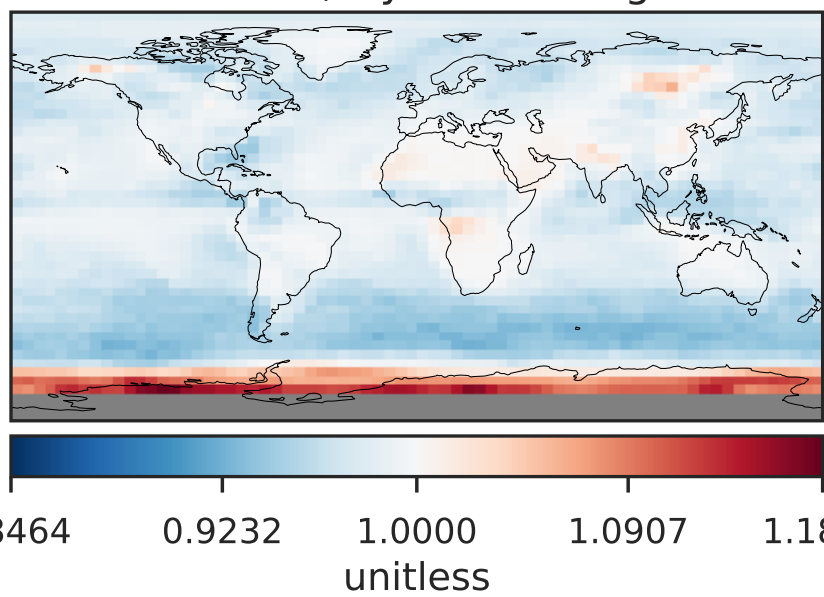
Difference
Dev - Ref, Dynamic Range



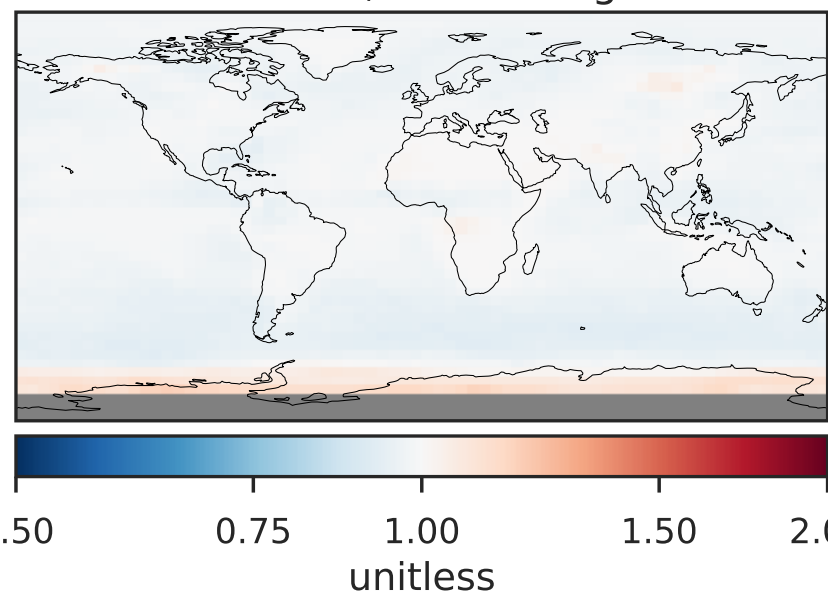
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

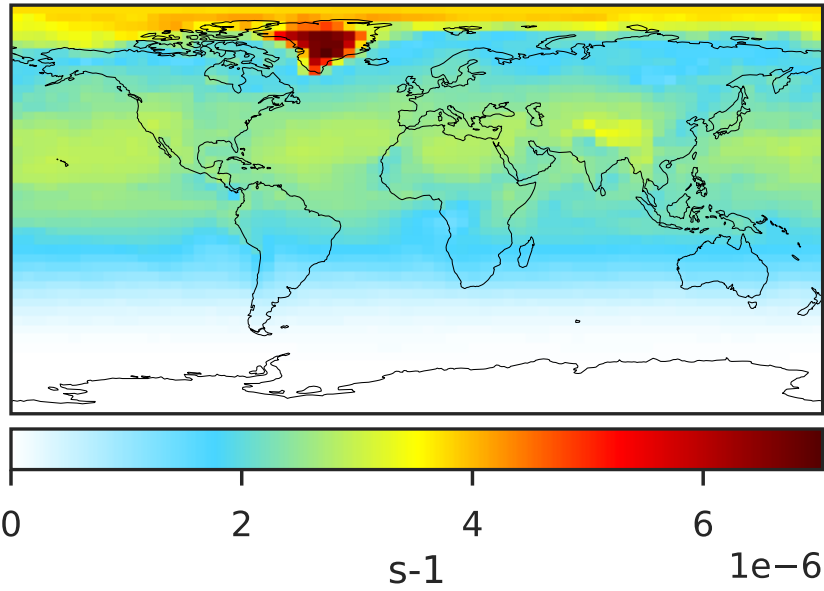


Ratio
Dev/Ref, Fixed Range

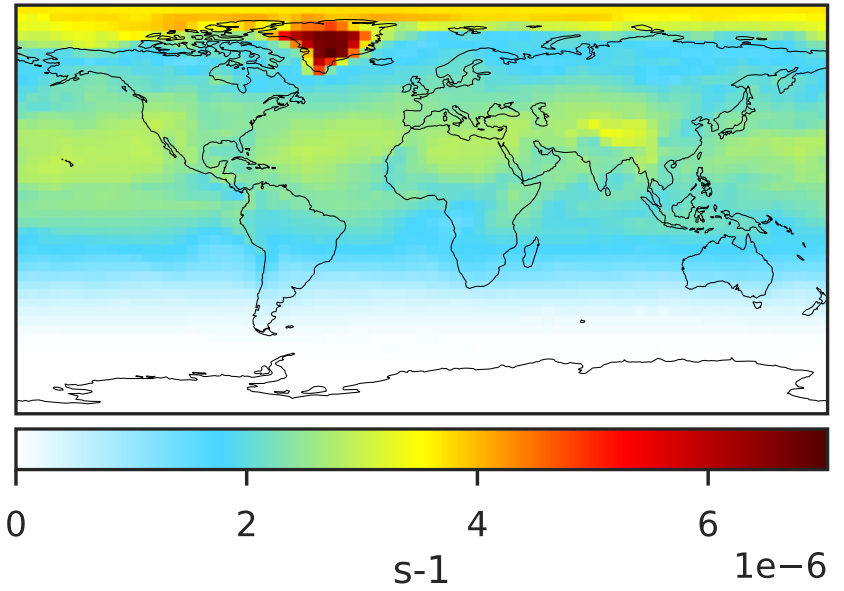


Jval_INPD (Jul2019)

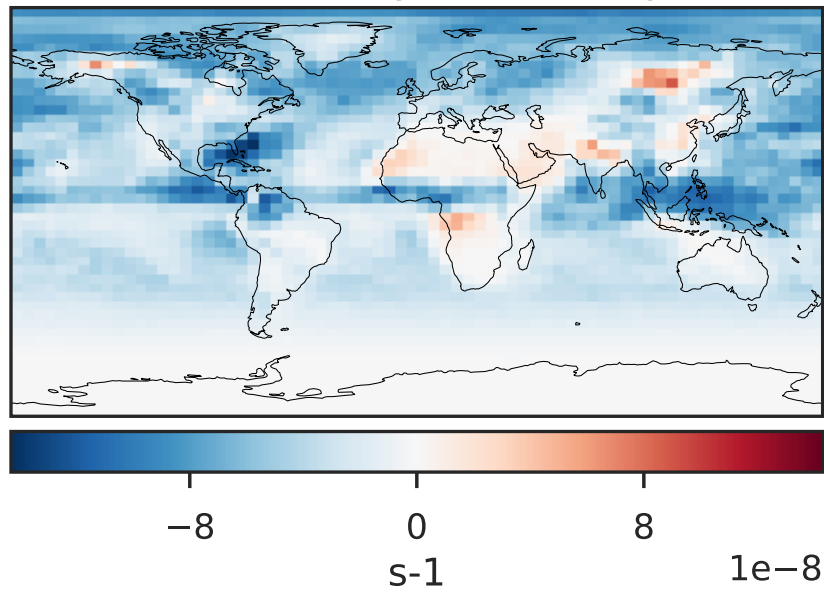
14.2.0-rc.2 (Ref)
4.0x5.0



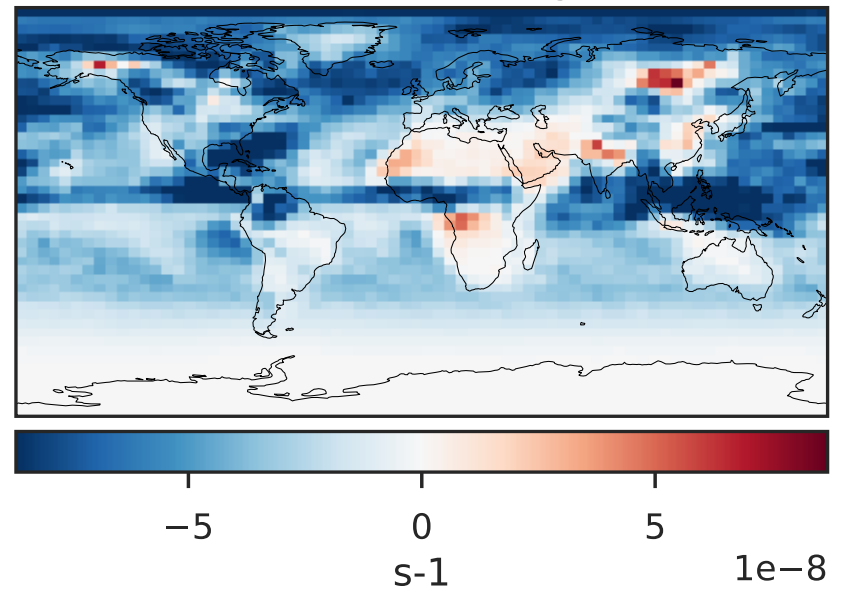
14.3.0-rc.0 (Dev)
4.0x5.0



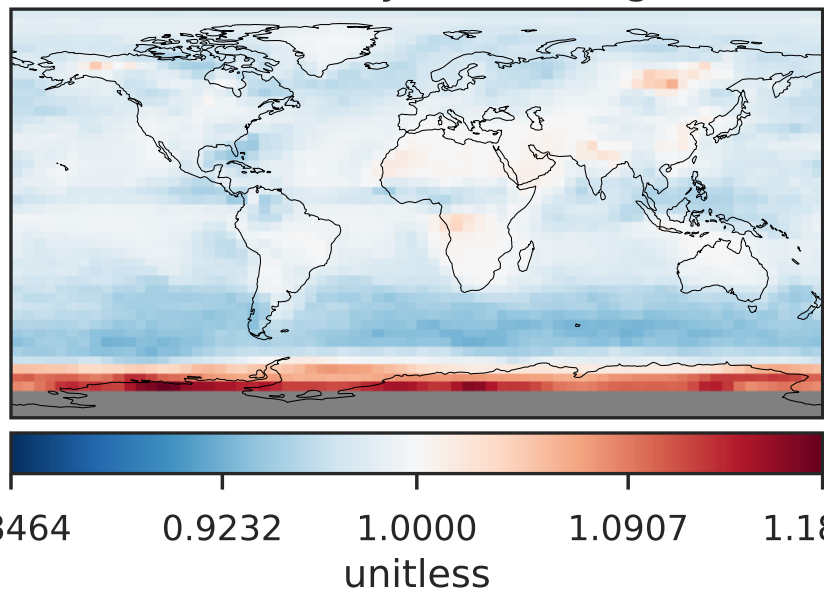
Difference
Dev - Ref, Dynamic Range



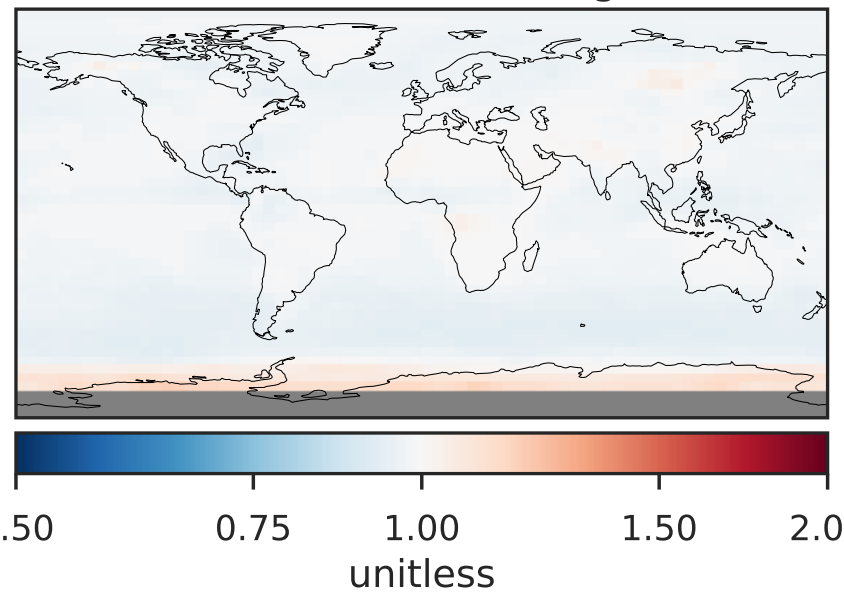
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

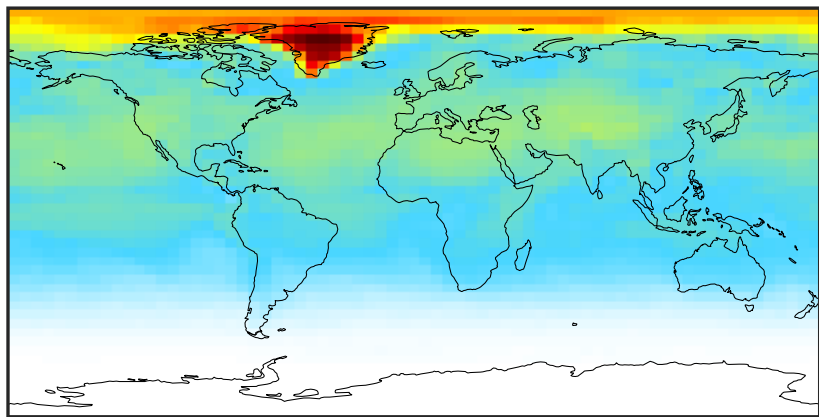


Ratio
Dev/Ref, Fixed Range



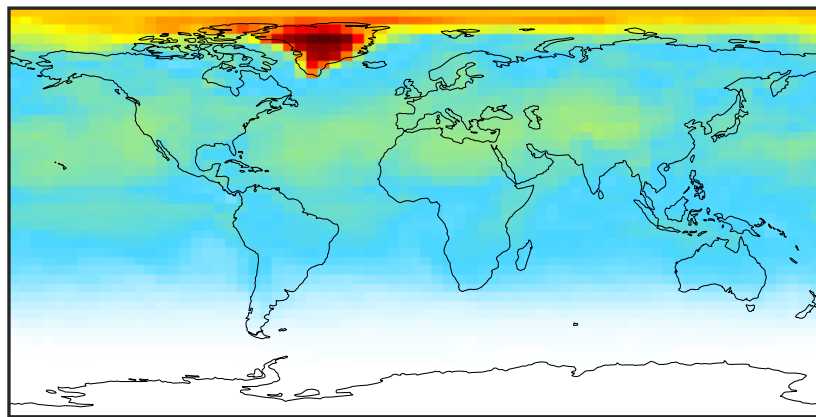
Jval_IO (Jul2019)

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



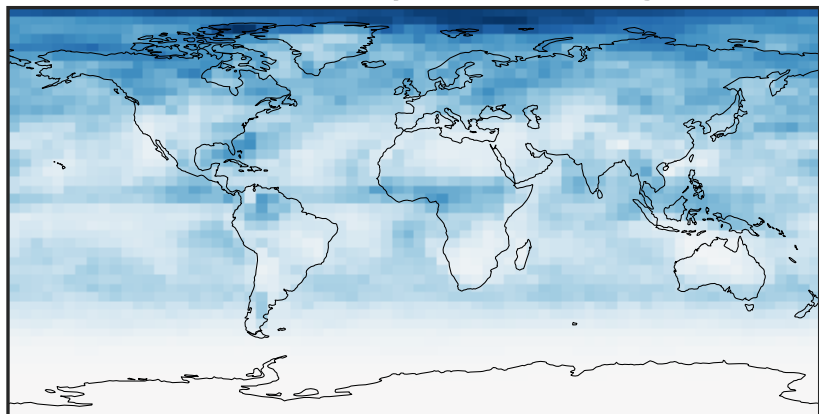
0.0000 0.0644 0.1289 0.1933 0.2577
s-1

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



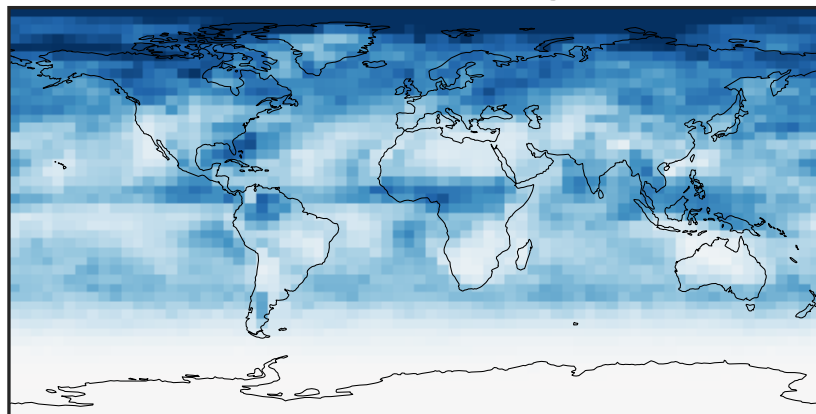
0.0000 0.0644 0.1289 0.1933 0.2577
s-1

Difference
Dev - Ref, Dynamic Range



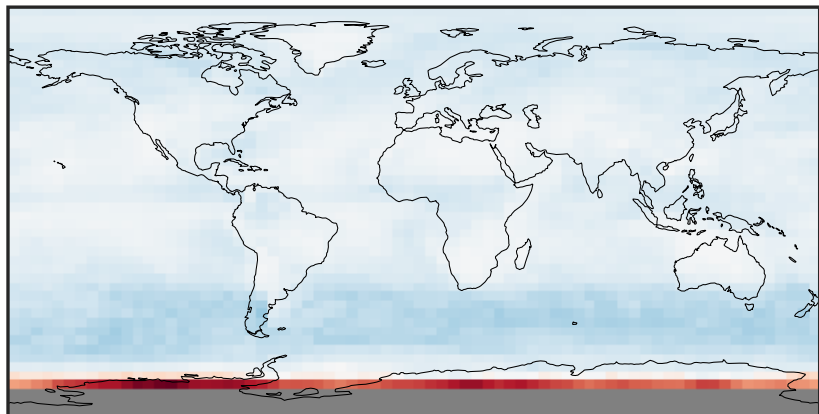
-0.005 0.000 0.005
s-1

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



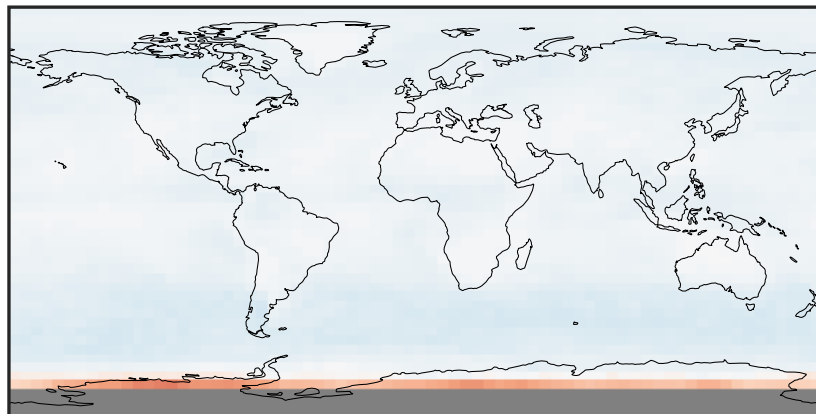
-0.003 0.000 0.003
s-1

Ratio
Dev/Ref, Dynamic Range



0.7013 0.8506 1.0000 1.2130 1.4259
unitless

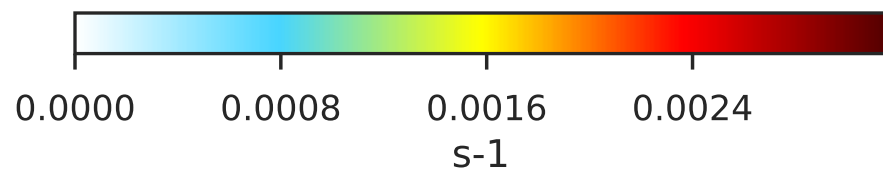
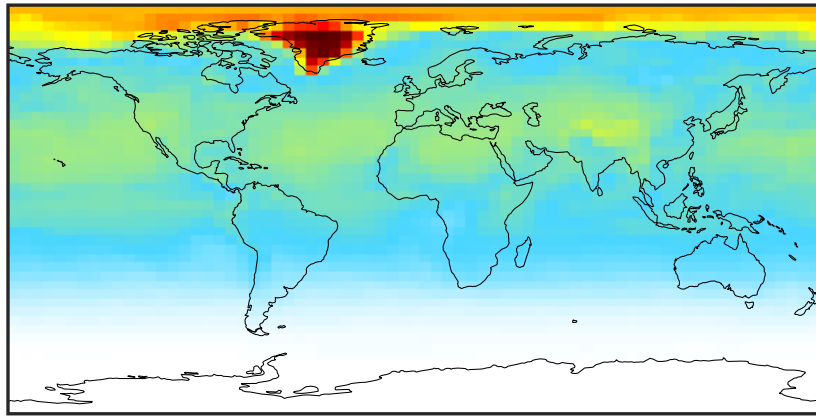
Ratio
Dev/Ref, Fixed Range



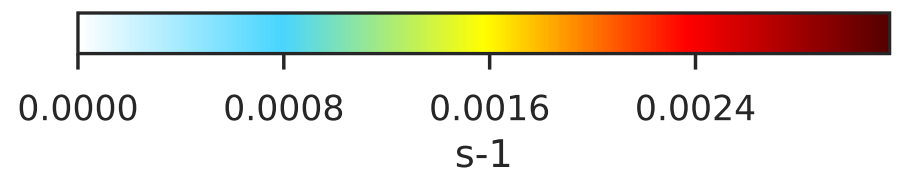
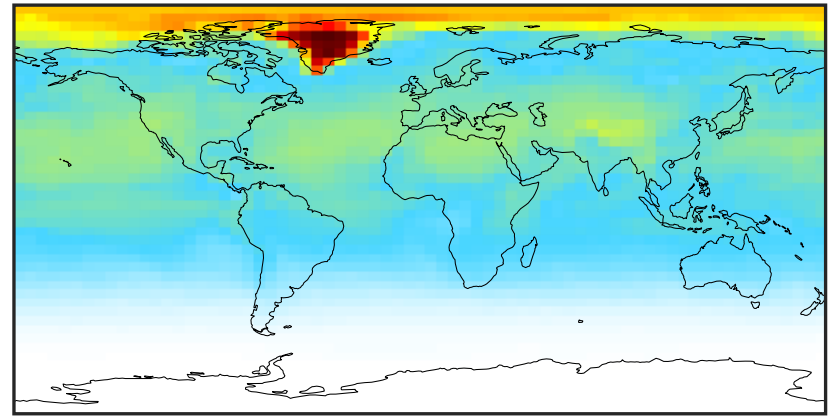
0.50 0.75 1.00 1.50 2.00
unitless

Jval_IONO (Jul2019)

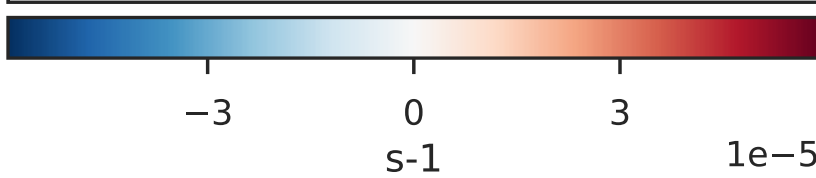
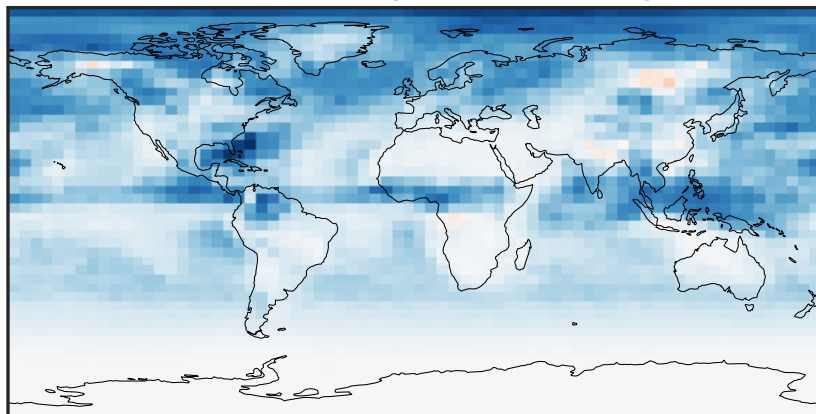
14.2.0-rc.2 (Ref)
4.0x5.0



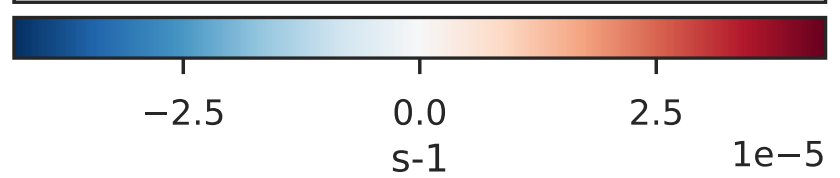
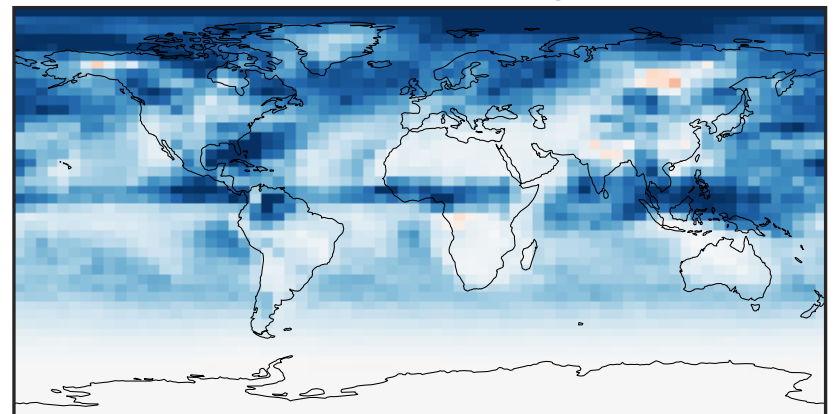
14.3.0-rc.0 (Dev)
4.0x5.0



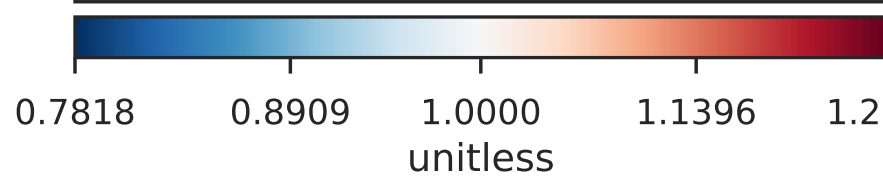
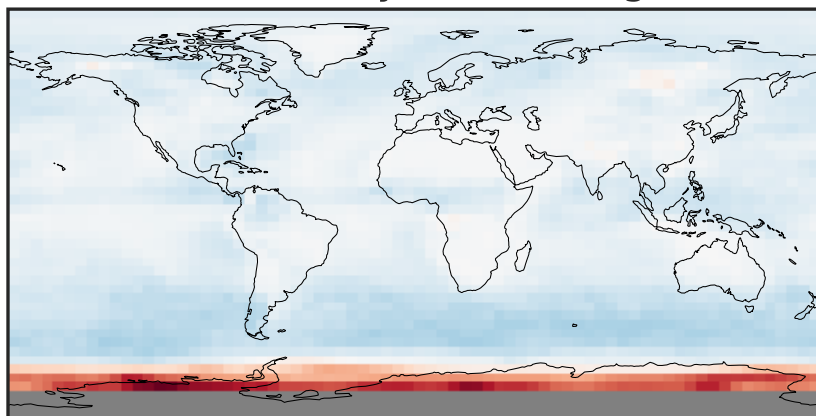
Difference
Dev - Ref, Dynamic Range



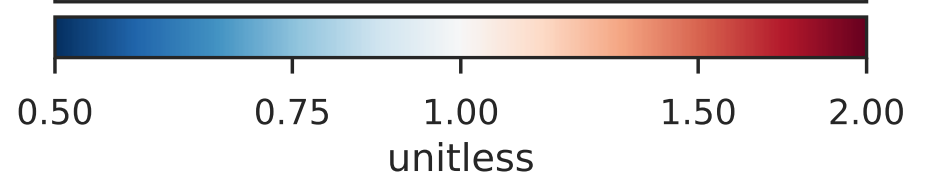
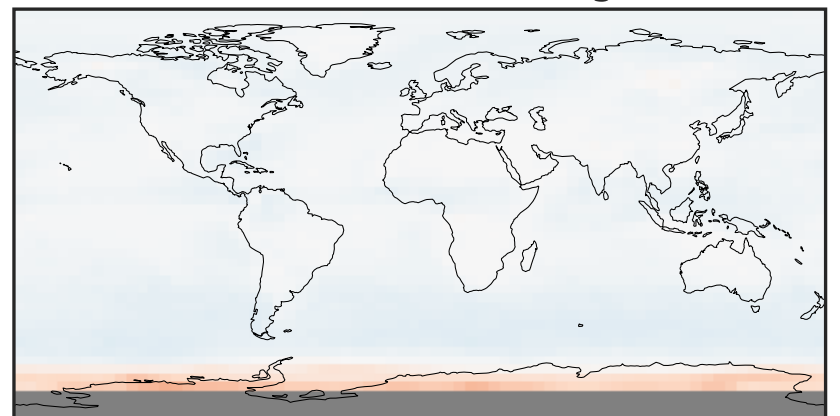
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

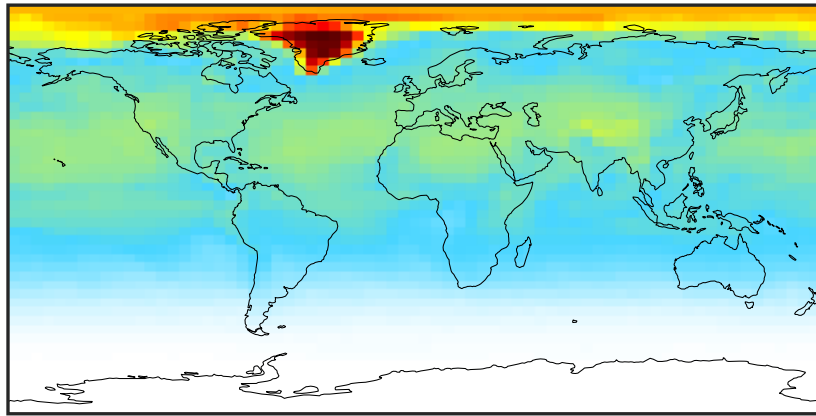


Ratio
Dev/Ref, Fixed Range



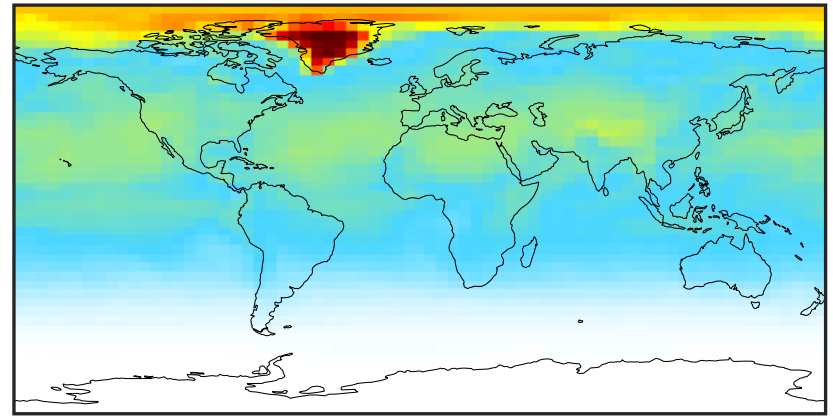
Jval_IONO2 (Jul2019)

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



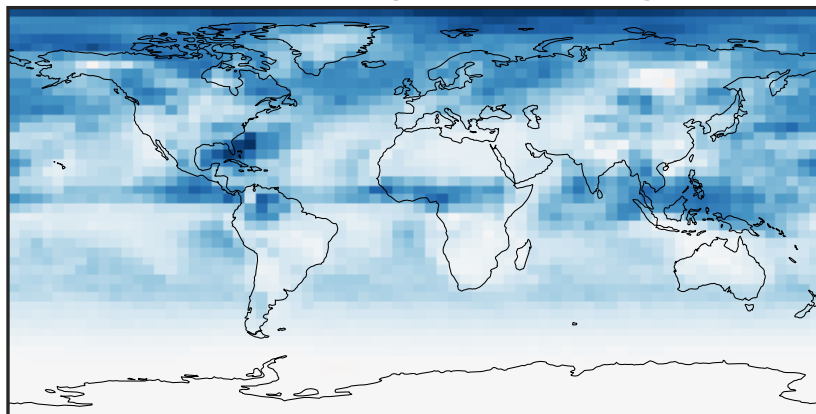
0.000 0.003 0.006 0.009
s-1

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



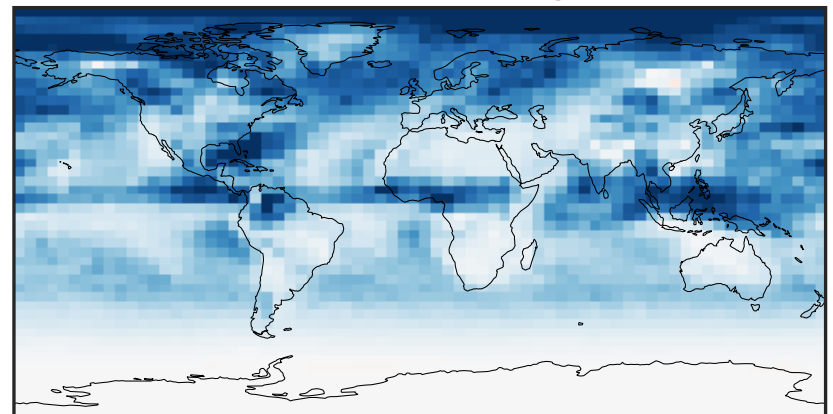
0.000 0.003 0.006 0.009
s-1

Difference
Dev - Ref, Dynamic Range



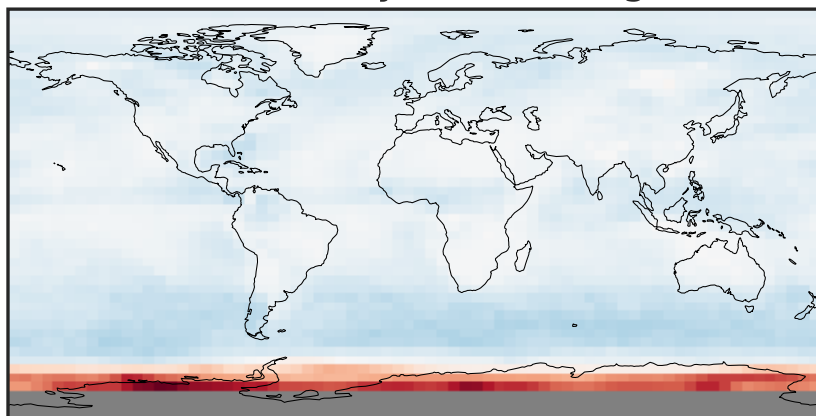
-0.00015 0.00000 0.00015
s-1

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



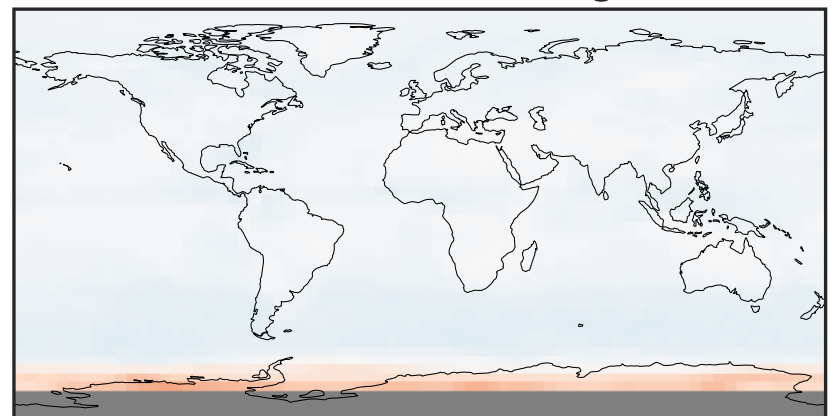
-8 0 8
s-1 1e-5

Ratio
Dev/Ref, Dynamic Range



0.7626 0.8813 1.000 1.1557 1.3113
unitless

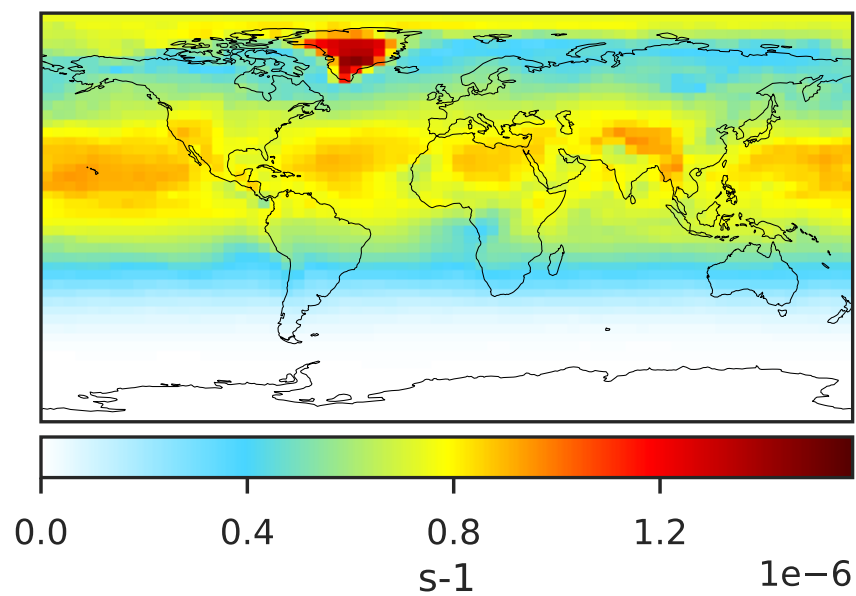
Ratio
Dev/Ref, Fixed Range



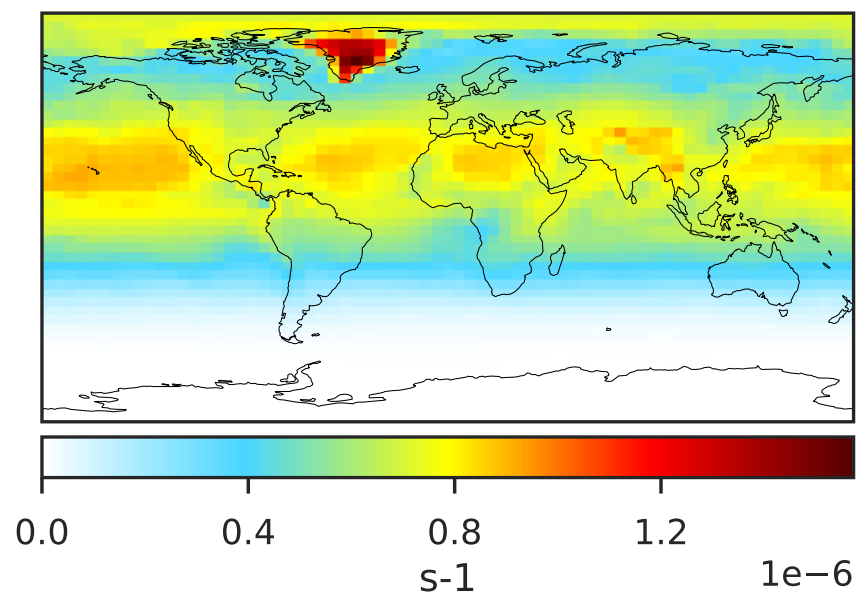
0.50 0.75 1.00 1.50 2.00
unitless

Jval_IPRNO3 (Jul2019)

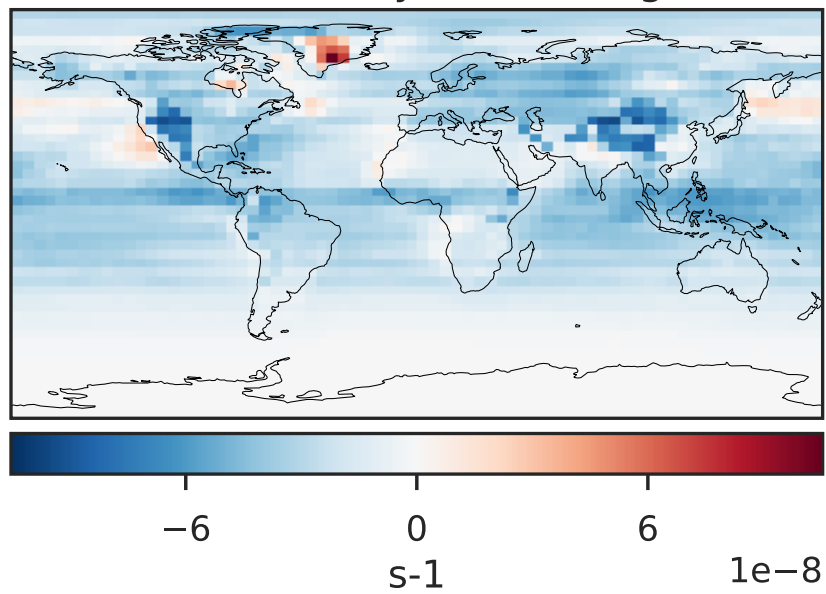
14.2.0-rc.2 (Ref)
4.0x5.0



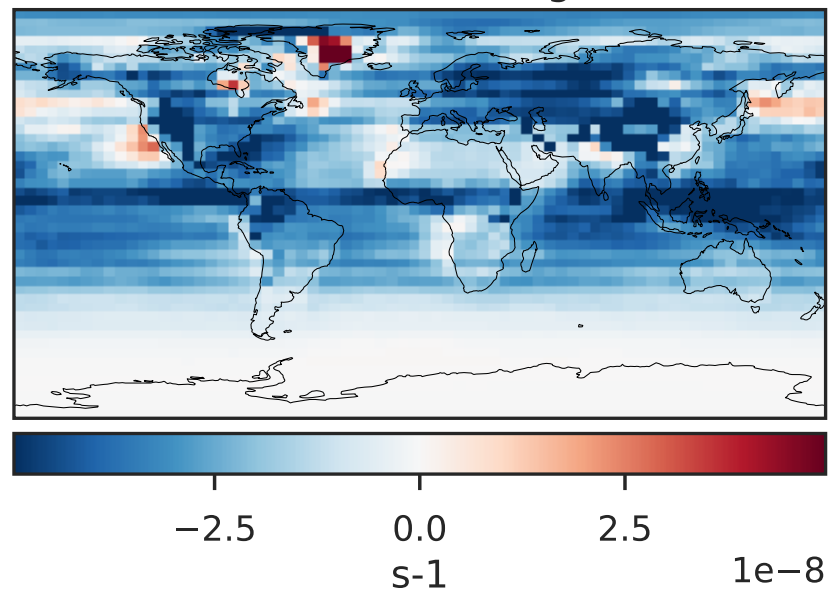
14.3.0-rc.0 (Dev)
4.0x5.0



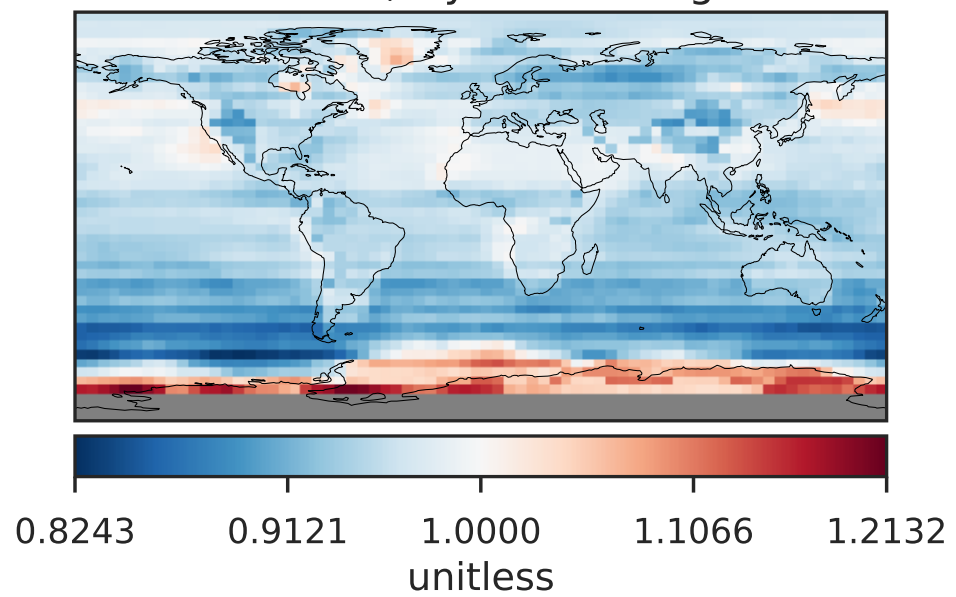
Difference
Dev - Ref, Dynamic Range



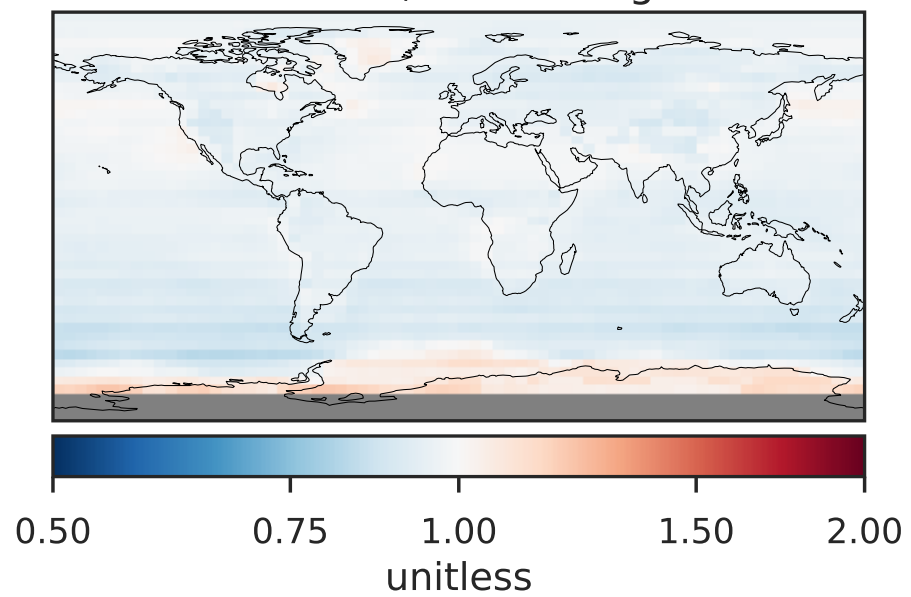
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

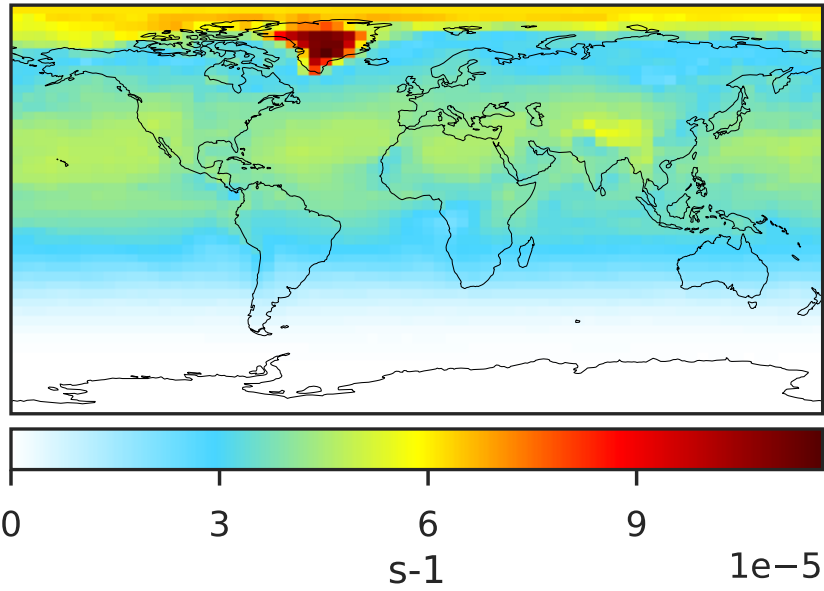


Ratio
Dev/Ref, Fixed Range

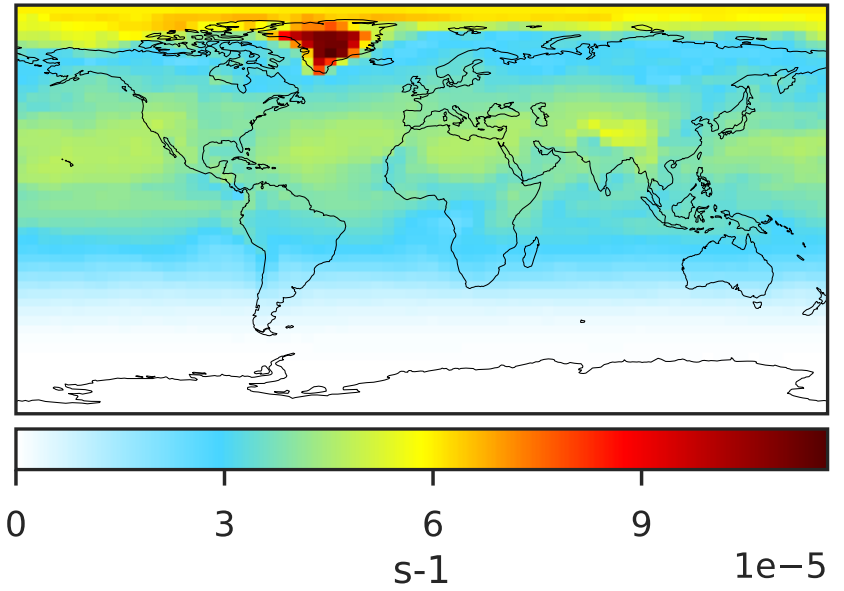


Jval_ITCN (Jul2019)

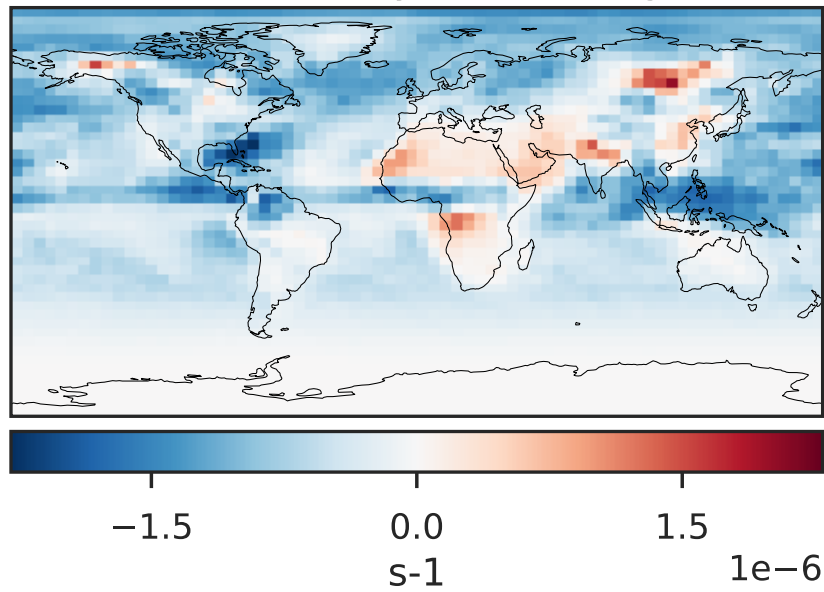
14.2.0-rc.2 (Ref)
4.0x5.0



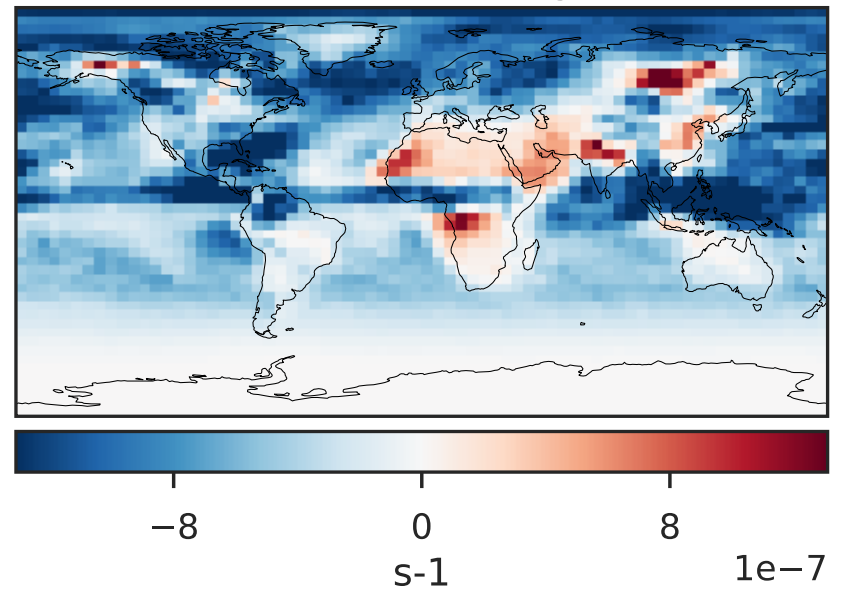
14.3.0-rc.0 (Dev)
4.0x5.0



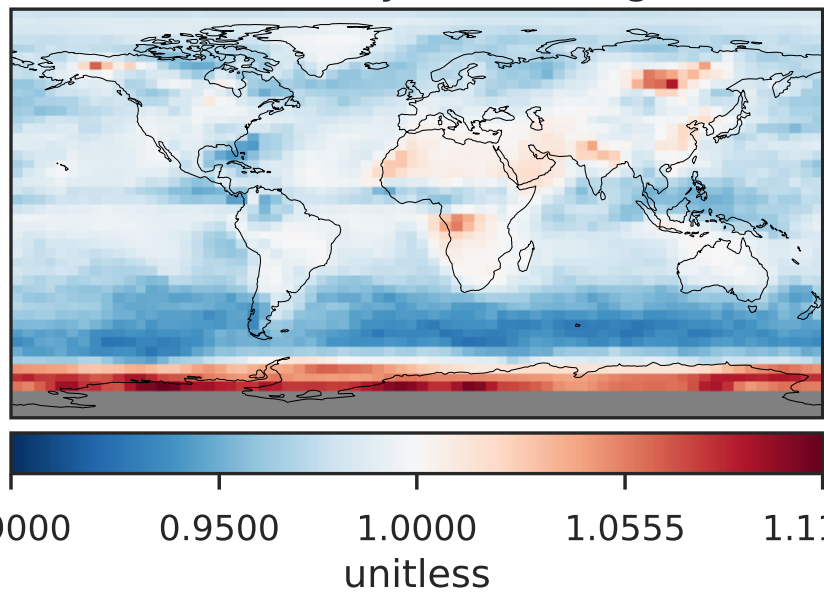
Difference
Dev - Ref, Dynamic Range



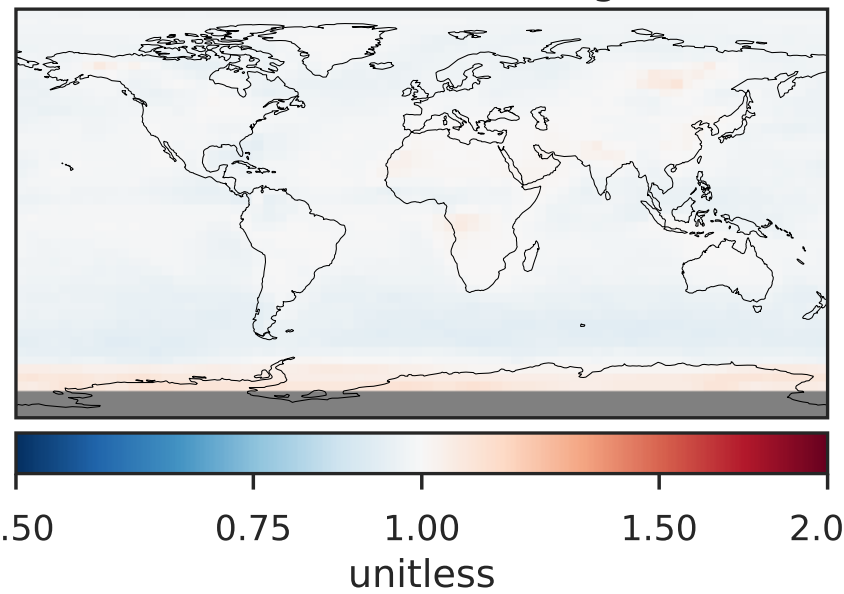
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

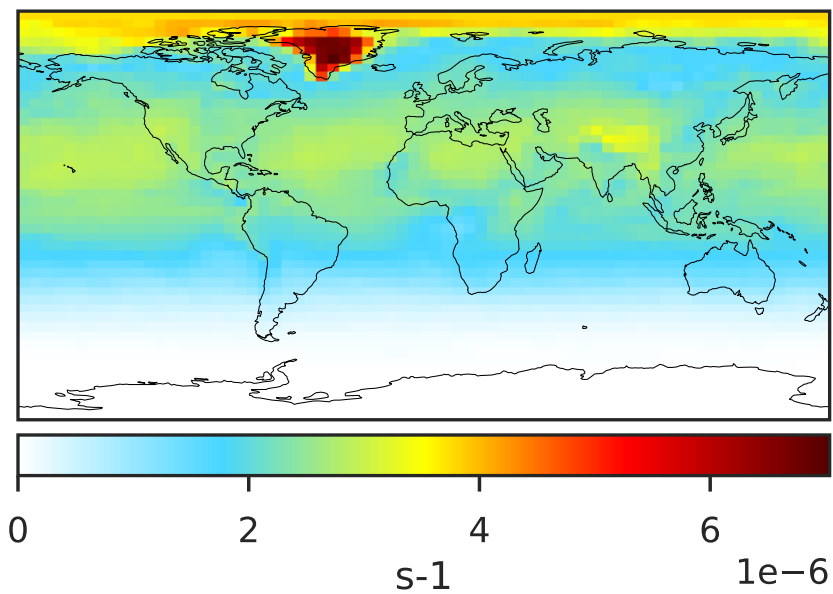


Ratio
Dev/Ref, Fixed Range

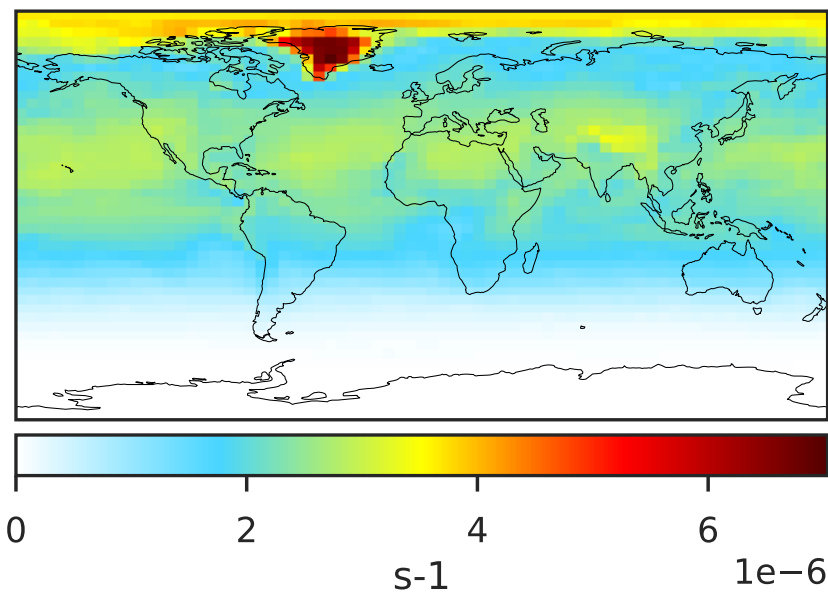


Jval_ITHN (Jul2019)

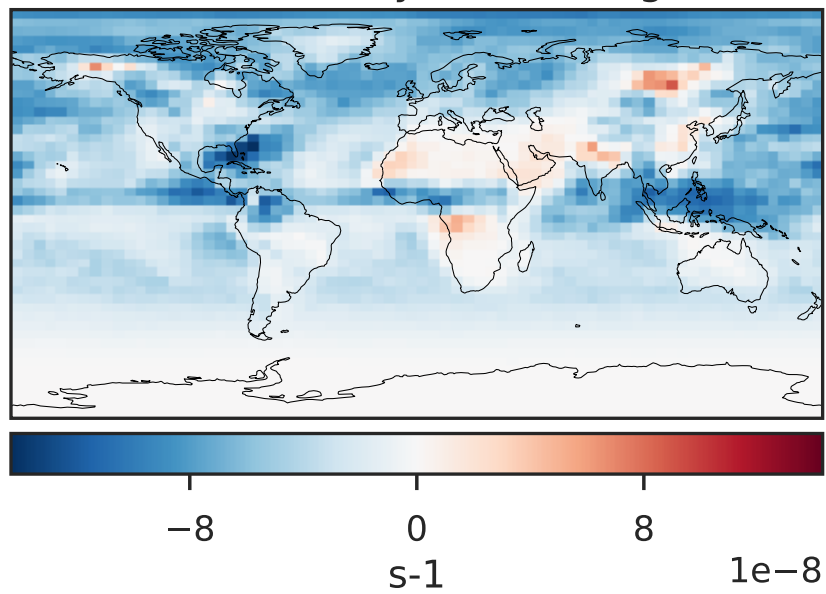
14.2.0-rc.2 (Ref)
4.0x5.0



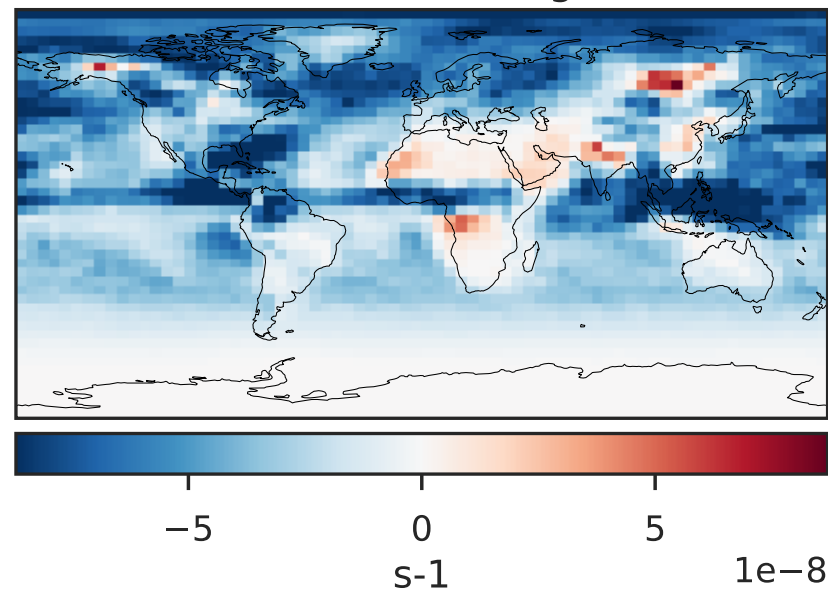
14.3.0-rc.0 (Dev)
4.0x5.0



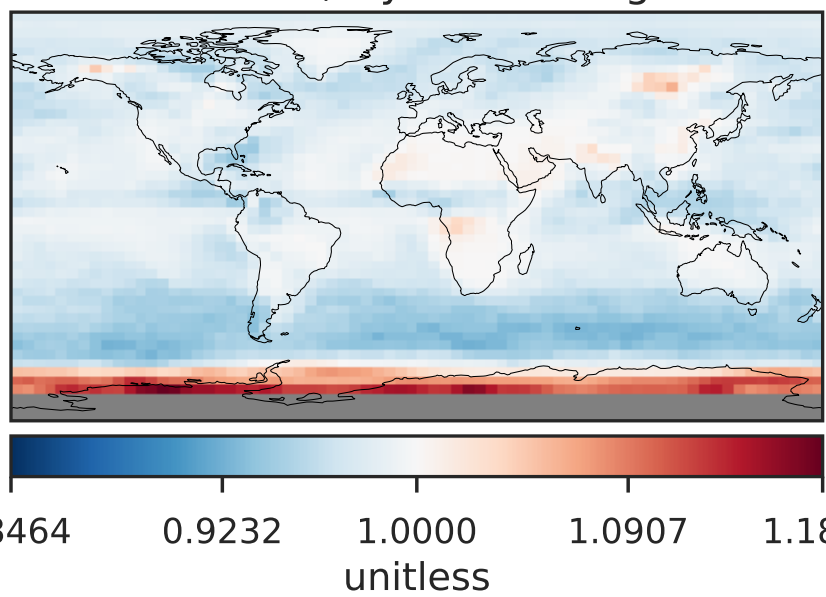
Difference
Dev - Ref, Dynamic Range



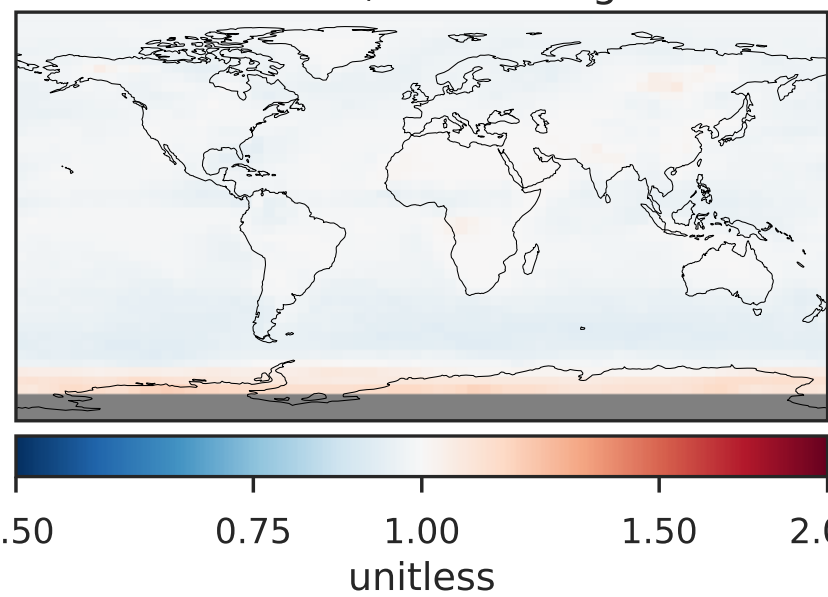
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

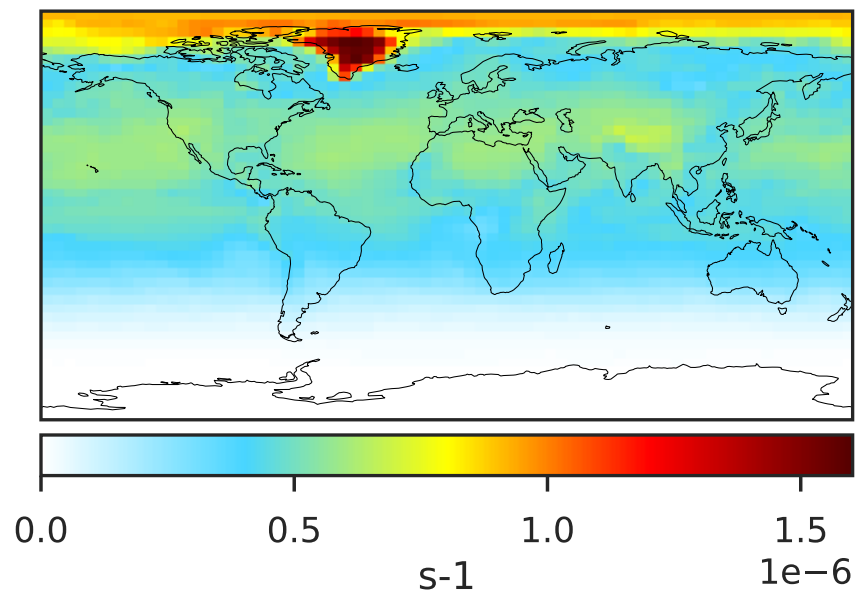


Ratio
Dev/Ref, Fixed Range

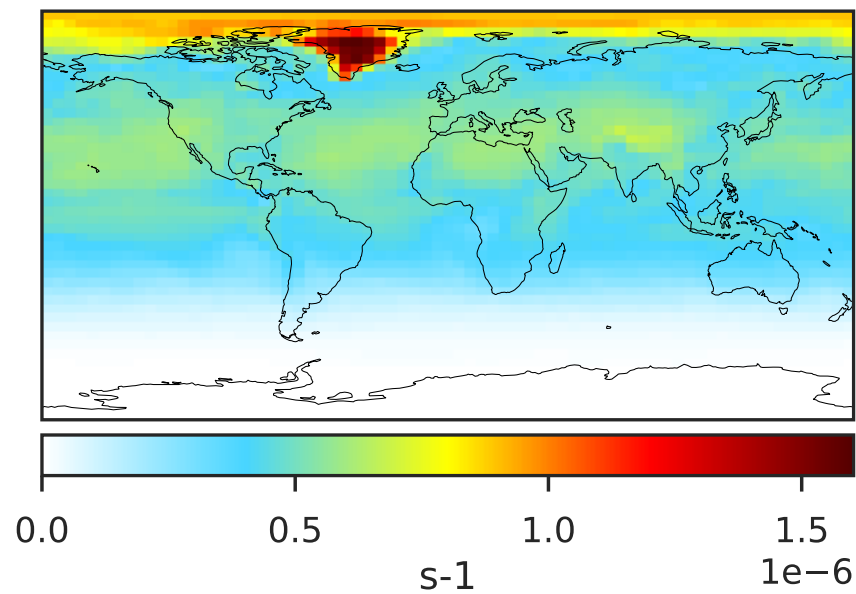


Jval_MACR (Jul2019)

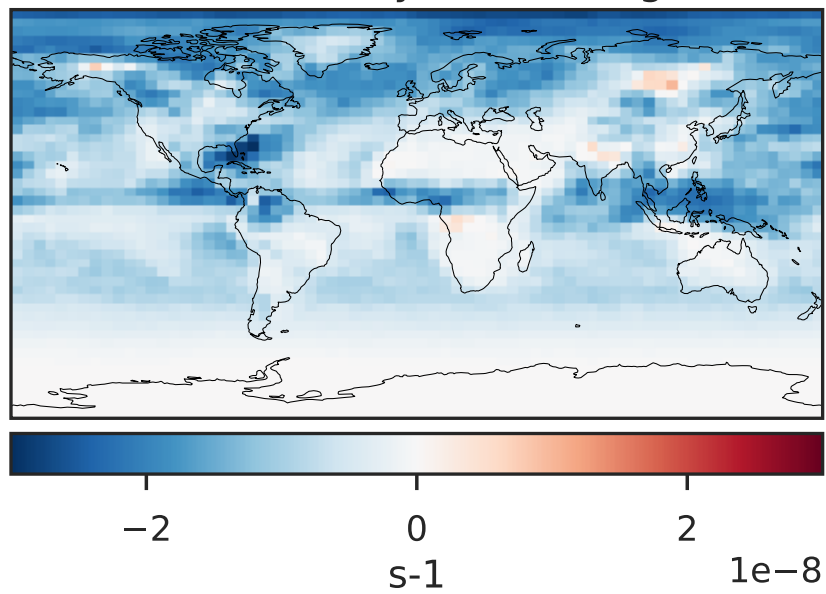
14.2.0-rc.2 (Ref)
4.0x5.0



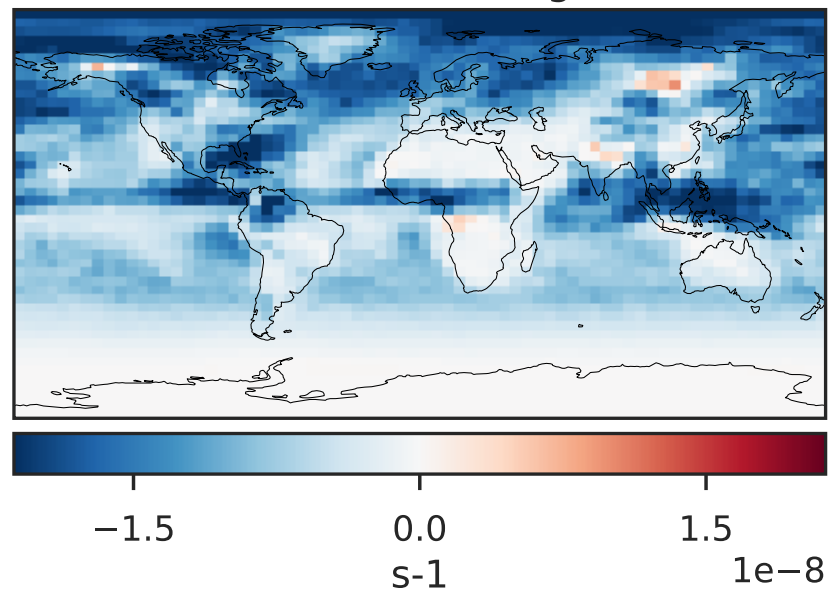
14.3.0-rc.0 (Dev)
4.0x5.0



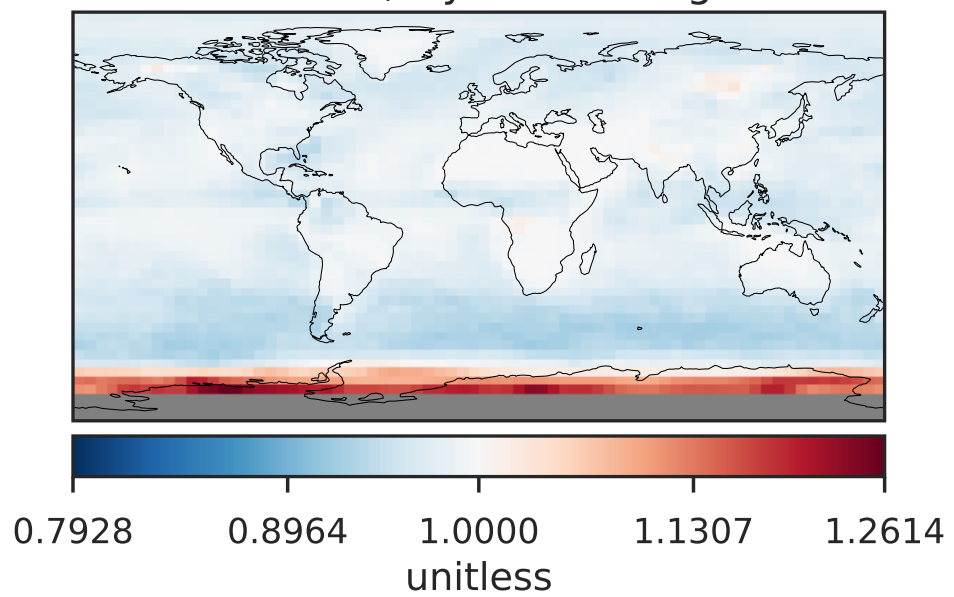
Difference
Dev - Ref, Dynamic Range



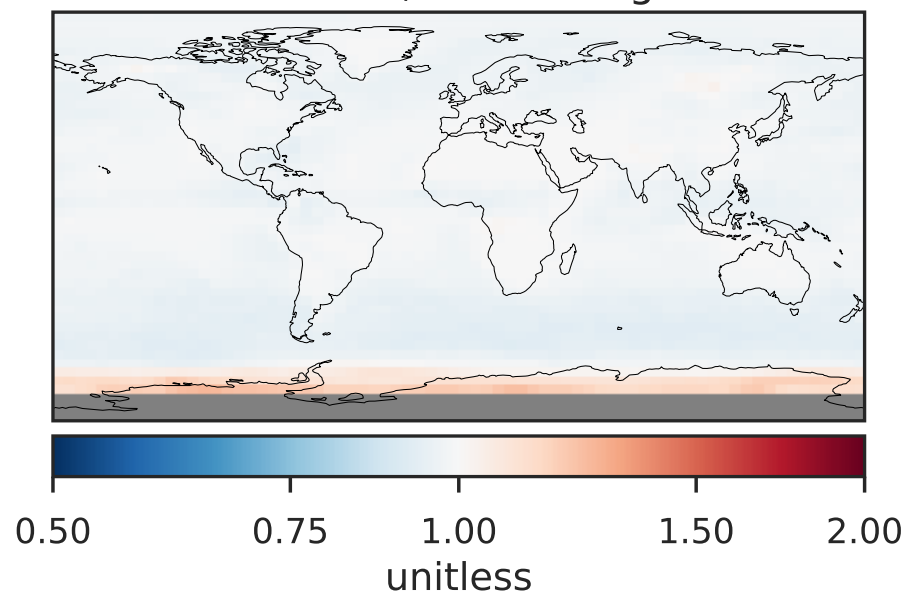
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

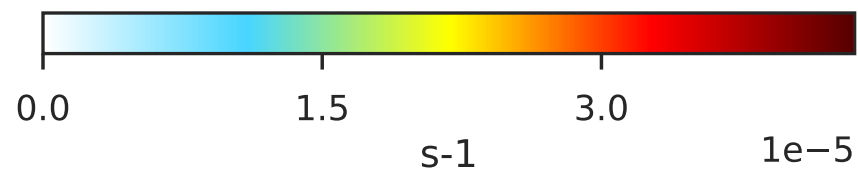
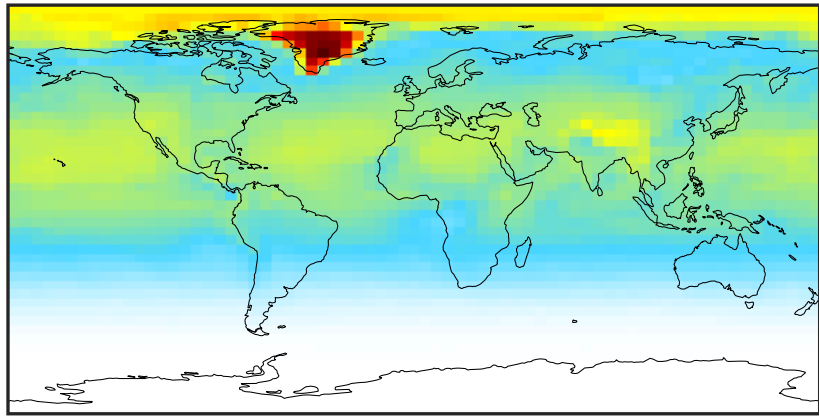


Ratio
Dev/Ref, Fixed Range

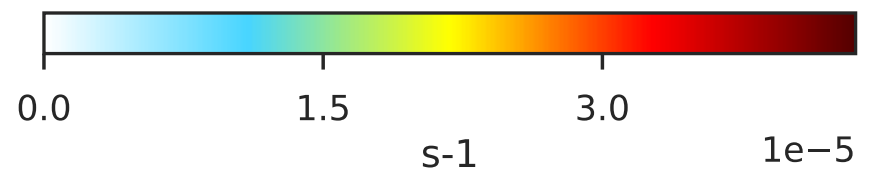
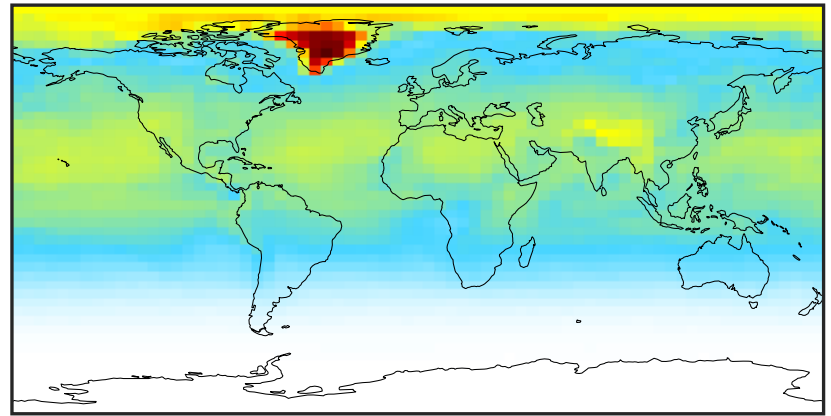


Jval_MACR100H (Jul2019)

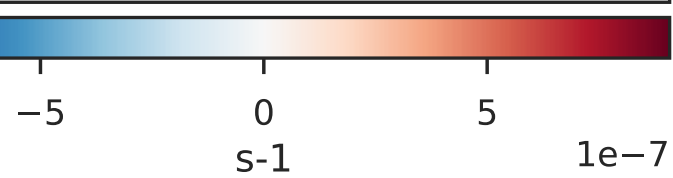
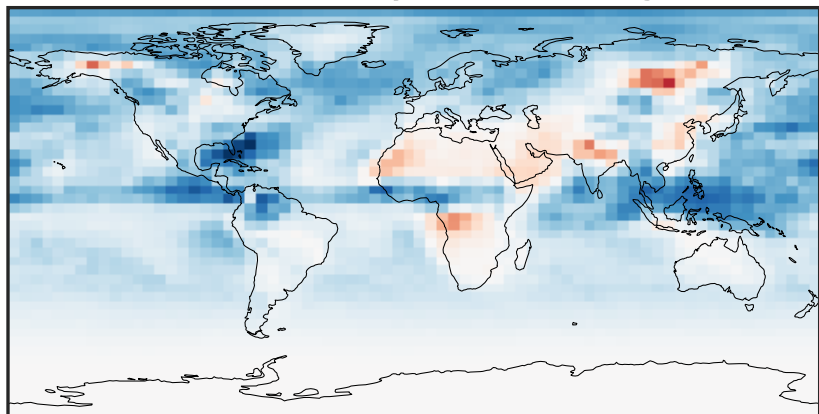
14.2.0-rc.2 (Ref)
4.0x5.0



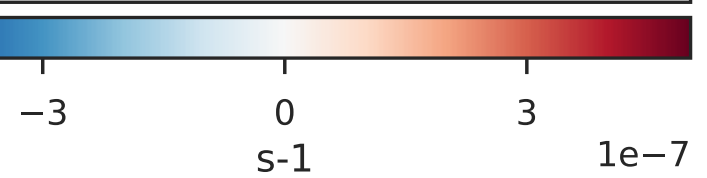
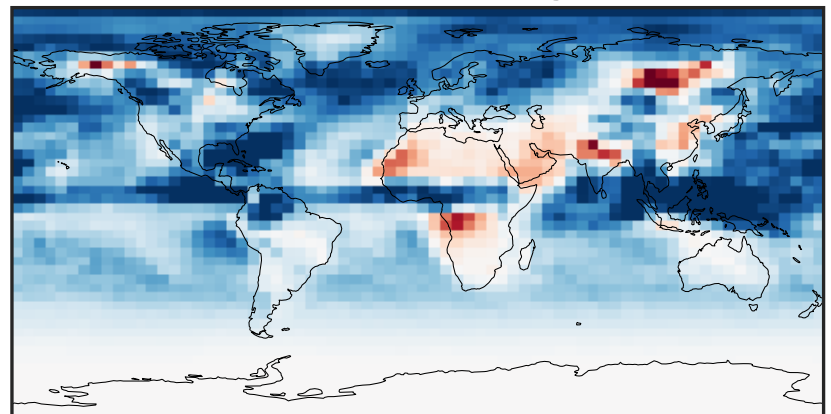
14.3.0-rc.0 (Dev)
4.0x5.0



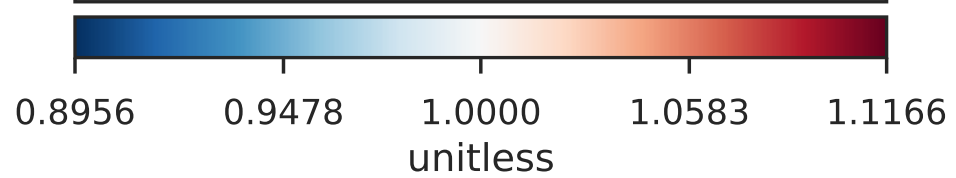
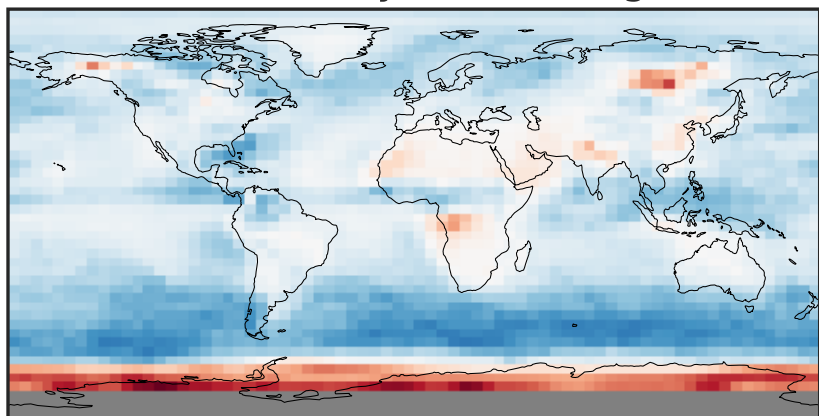
Difference
Dev - Ref, Dynamic Range



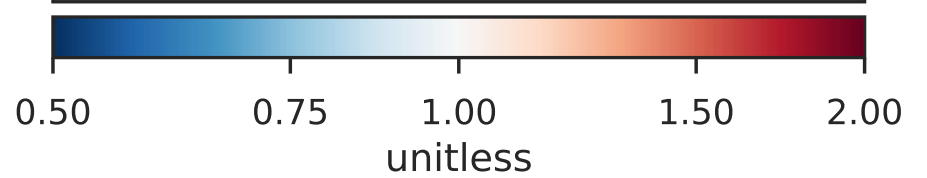
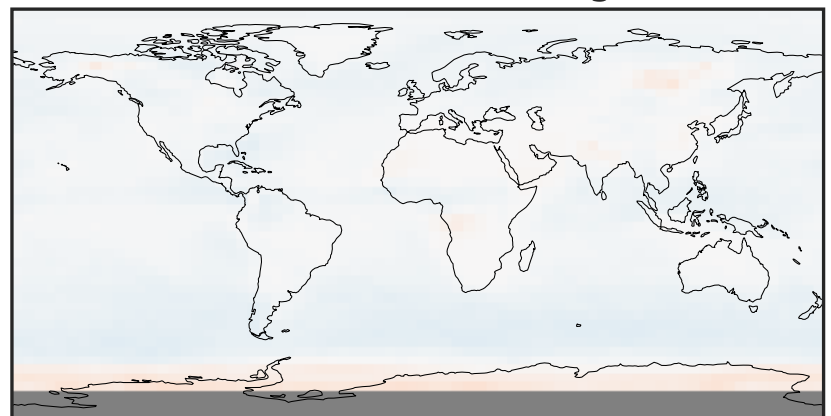
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

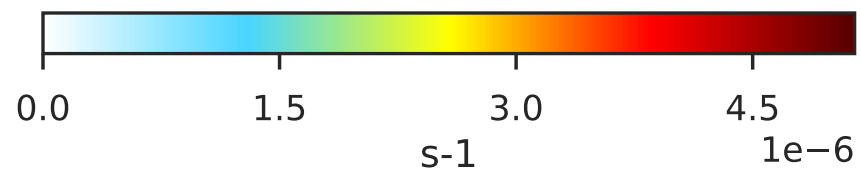
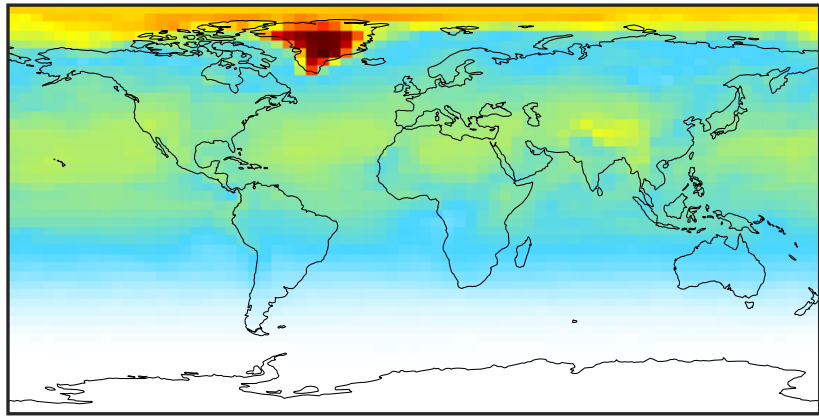


Ratio
Dev/Ref, Fixed Range

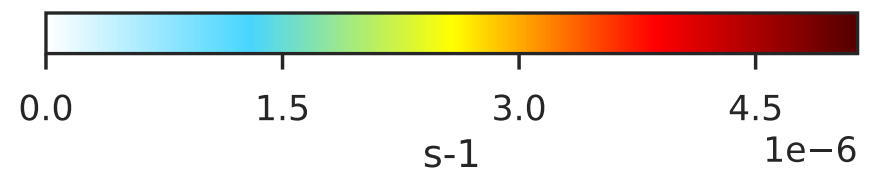
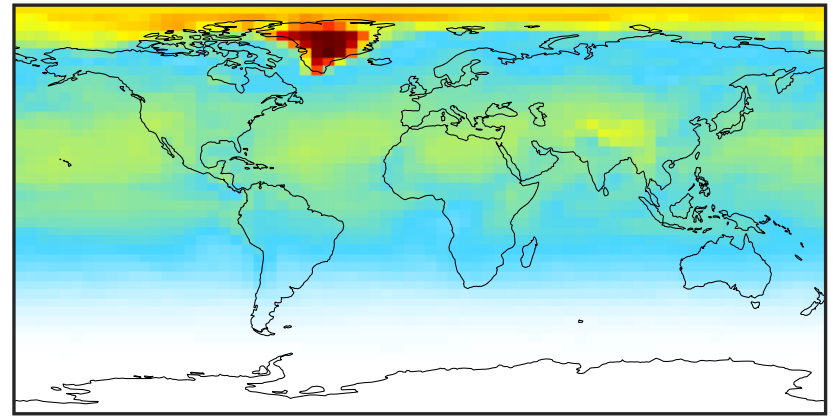


Jval_MAP (Jul2019)

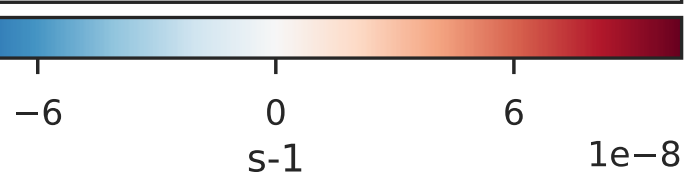
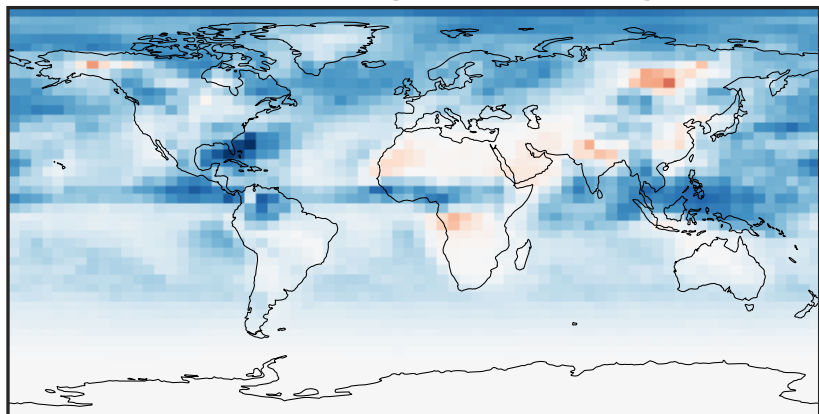
14.2.0-rc.2 (Ref)
4.0x5.0



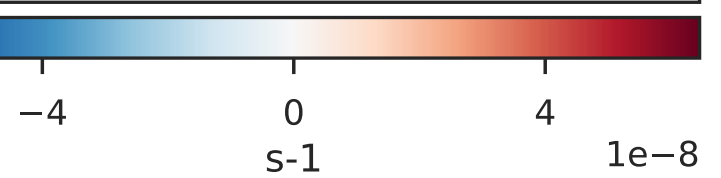
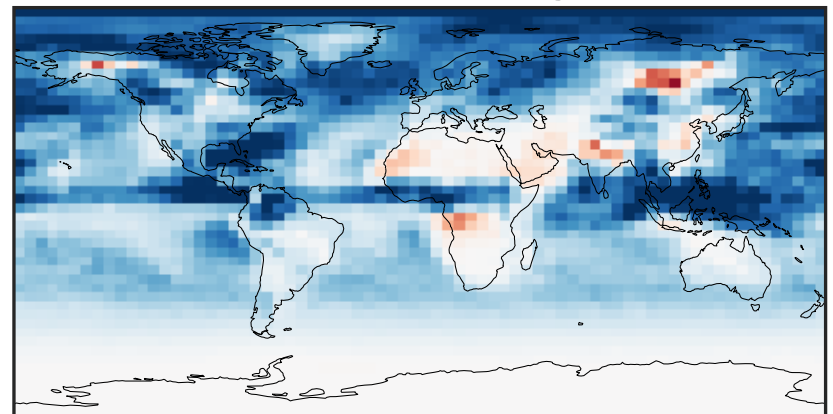
14.3.0-rc.0 (Dev)
4.0x5.0



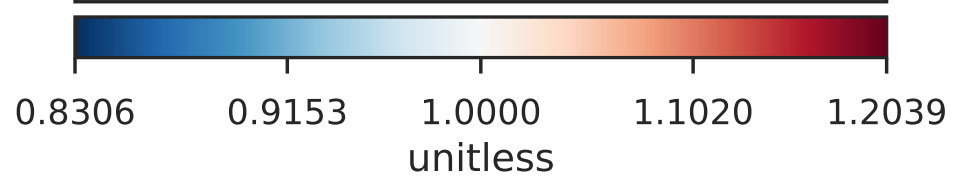
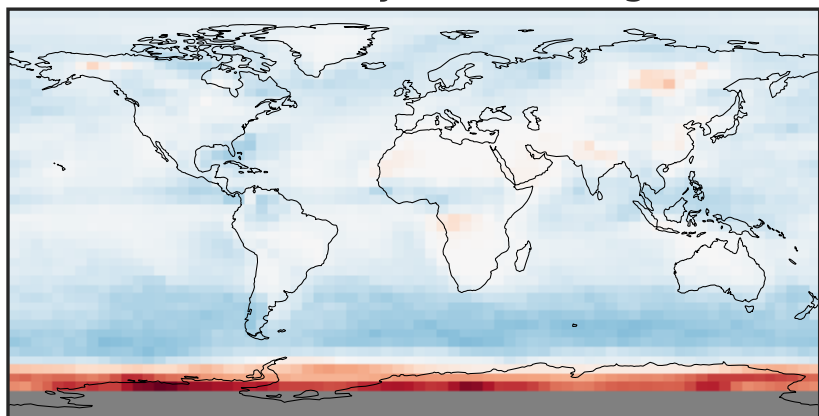
Difference
Dev - Ref, Dynamic Range



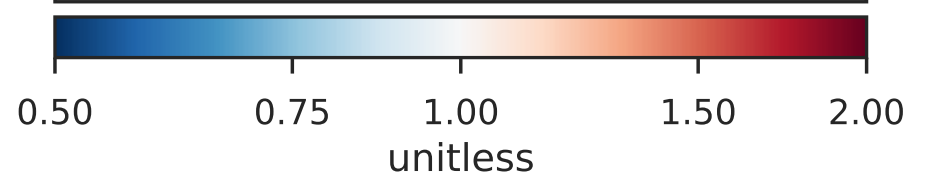
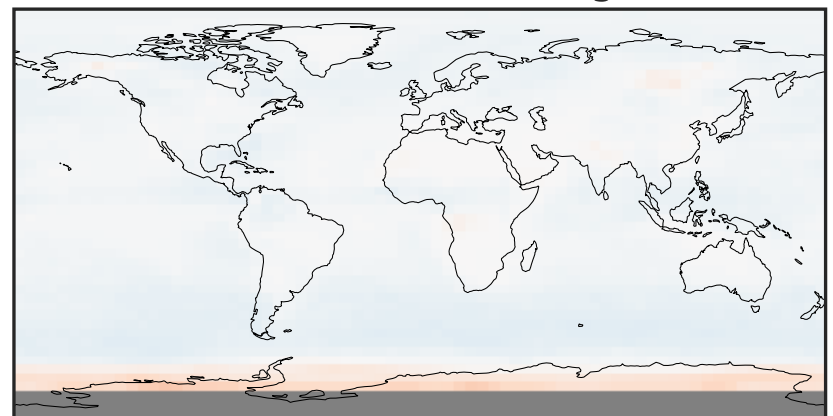
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

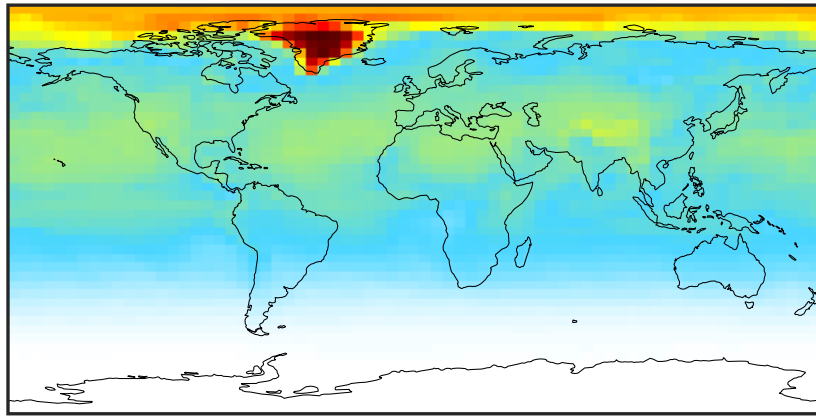


Ratio
Dev/Ref, Fixed Range



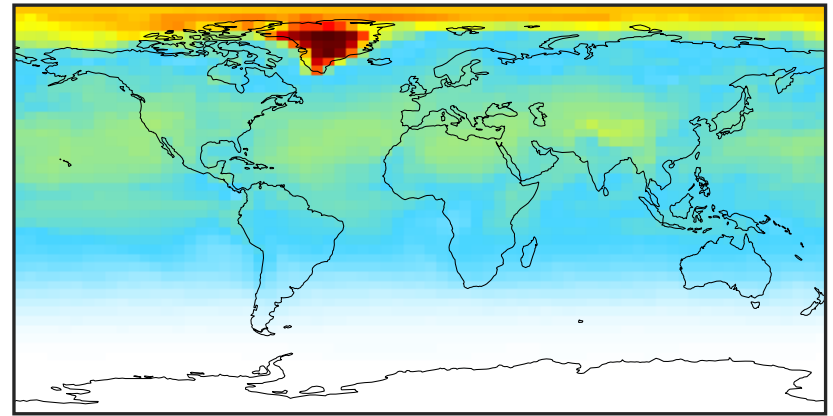
Jval_MCRENOL (Jul2019)

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



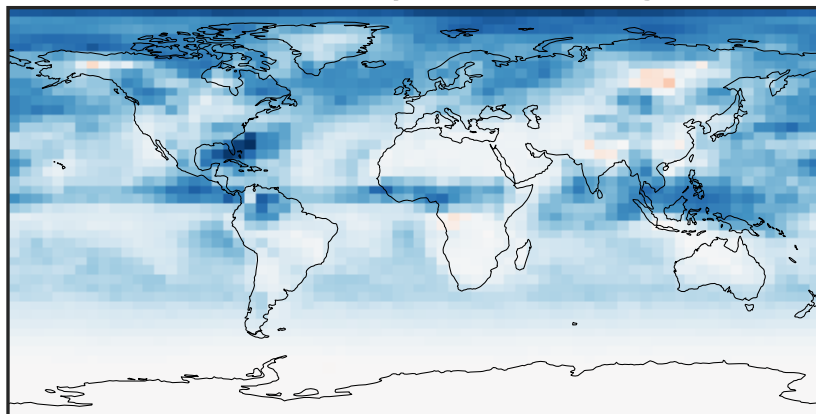
0.00000 0.00008 0.00016 0.00024
s-1

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



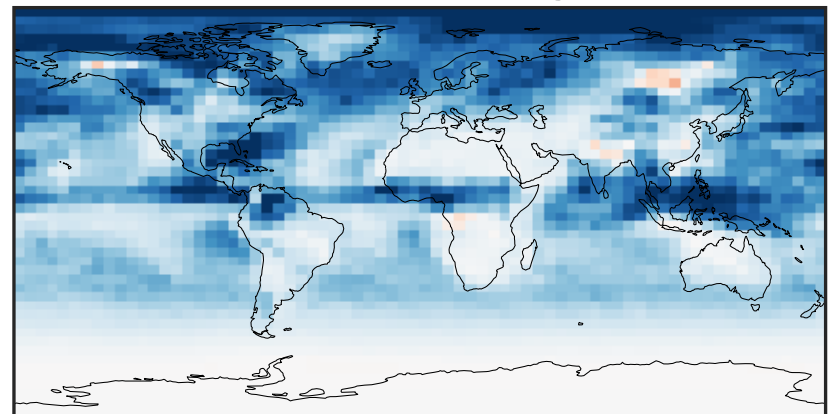
0.00000 0.00008 0.00016 0.00024
s-1

Difference
Dev - Ref, Dynamic Range



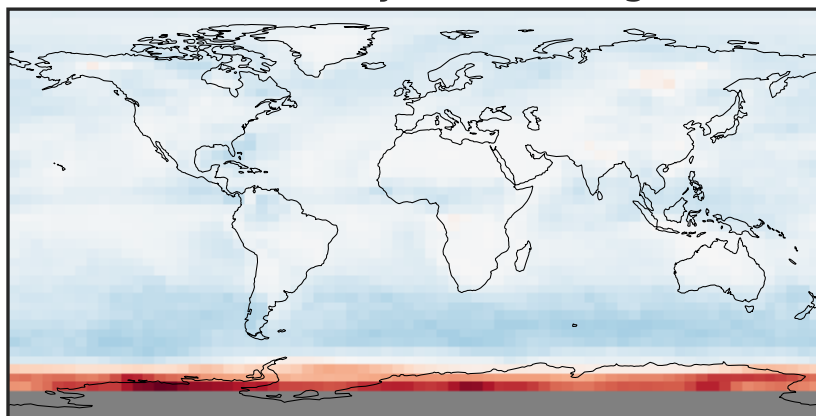
-3 0 3
s-1 1e-6

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



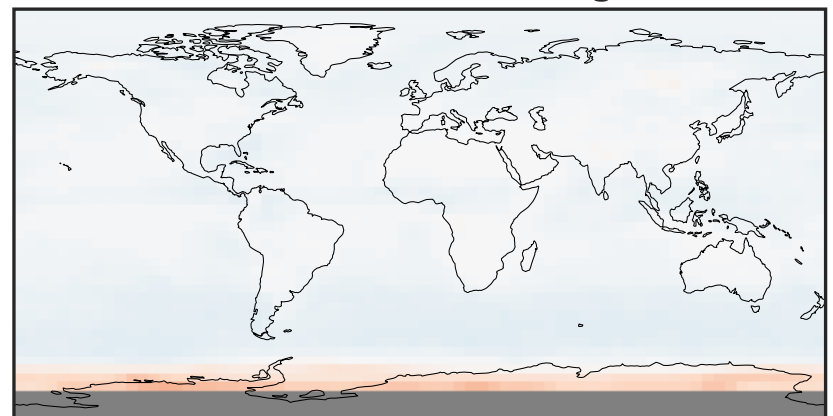
-2.5 0.0 2.5
s-1 1e-6

Ratio
Dev/Ref, Dynamic Range



0.7843 0.8921 1.0000 1.1375 1.2750
unitless

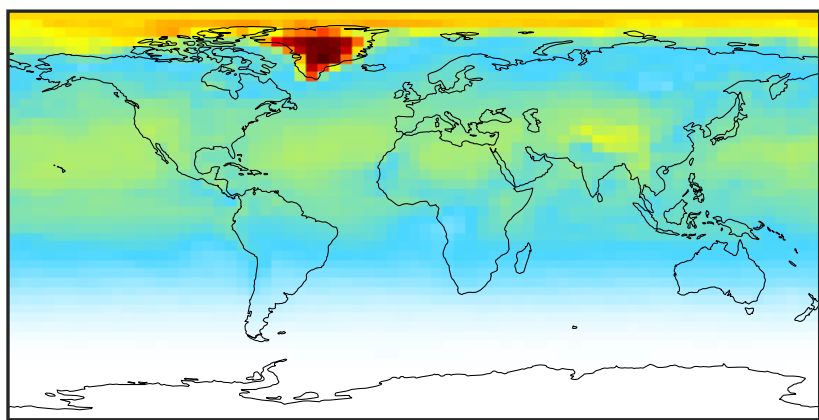
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

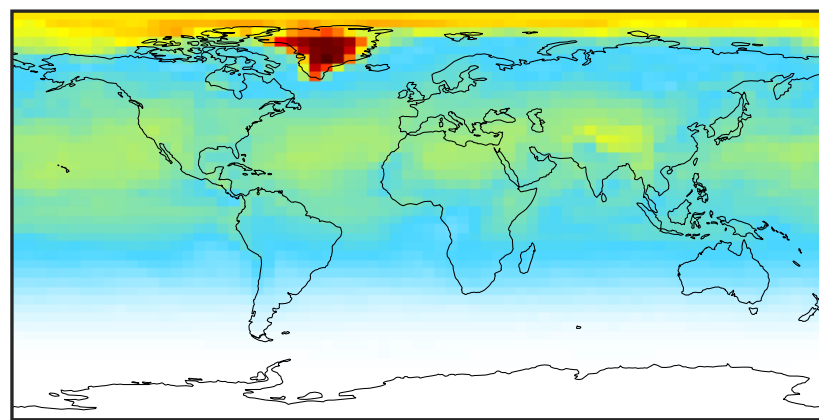
Jval_MCRHN (Jul2019)

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



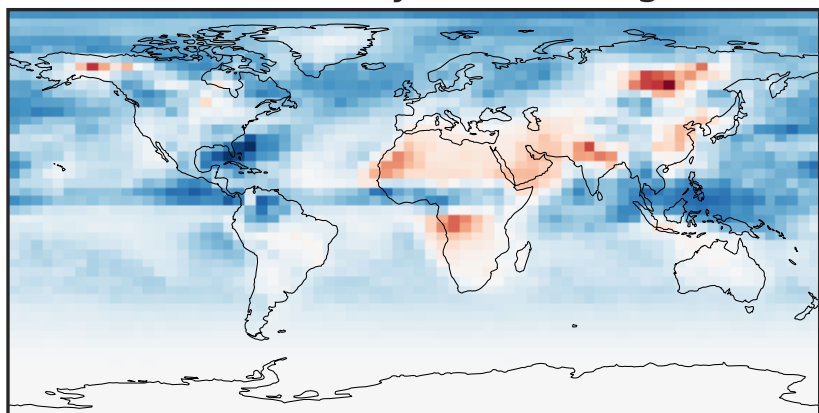
0.00000 0.00008 0.00016 0.00024
s-1

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



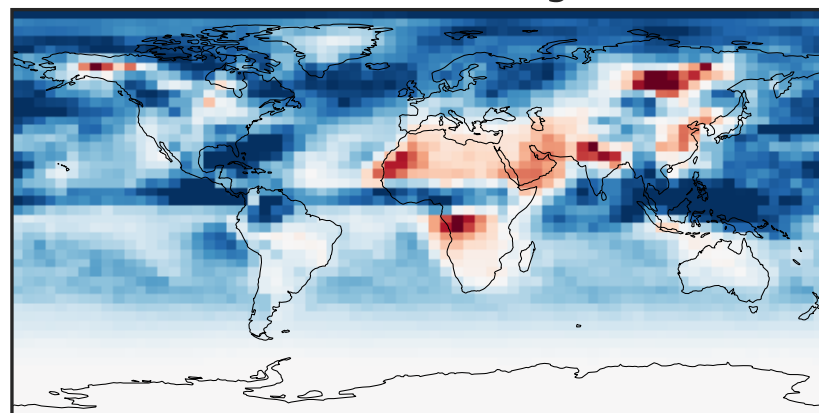
0.00000 0.00008 0.00016 0.00024
s-1

Difference
Dev - Ref, Dynamic Range



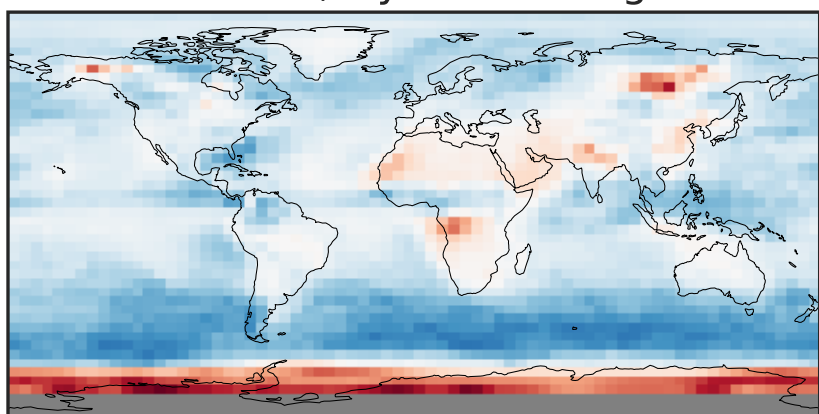
-3 0 3
s-1 1e-6

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



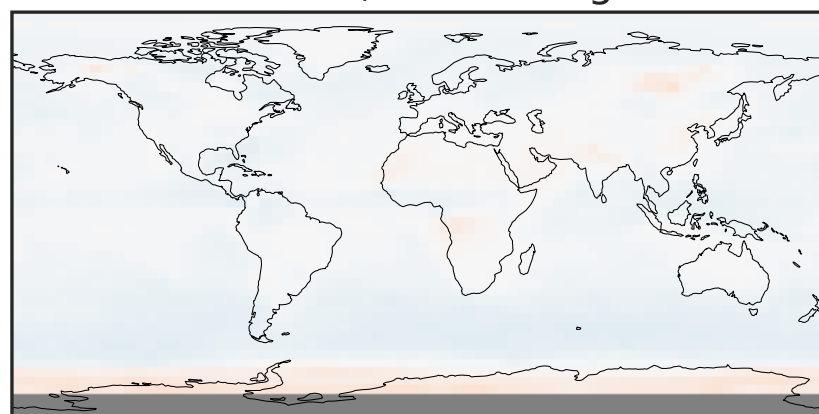
-2 0 2
s-1 1e-6

Ratio
Dev/Ref, Dynamic Range



0.8983 0.9491 1.0000 1.0566 1.1133
unitless

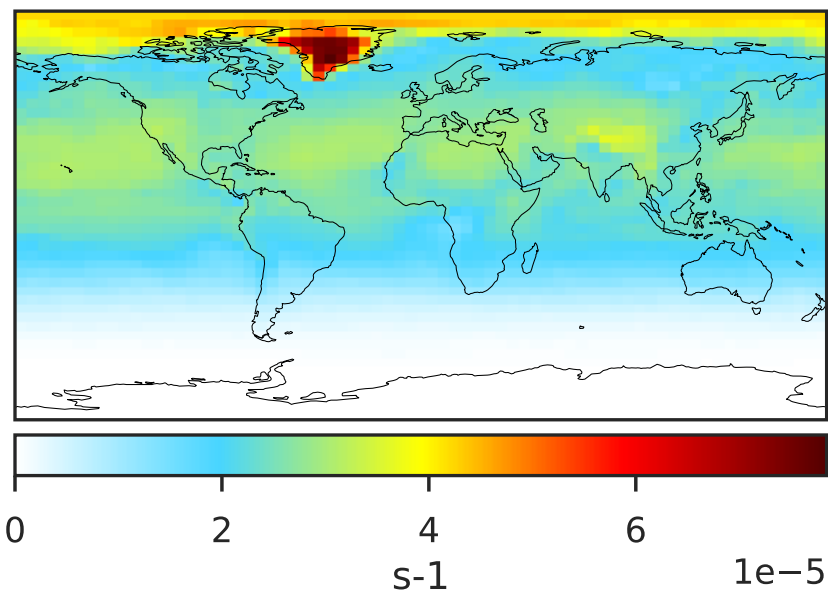
Ratio
Dev/Ref, Fixed Range



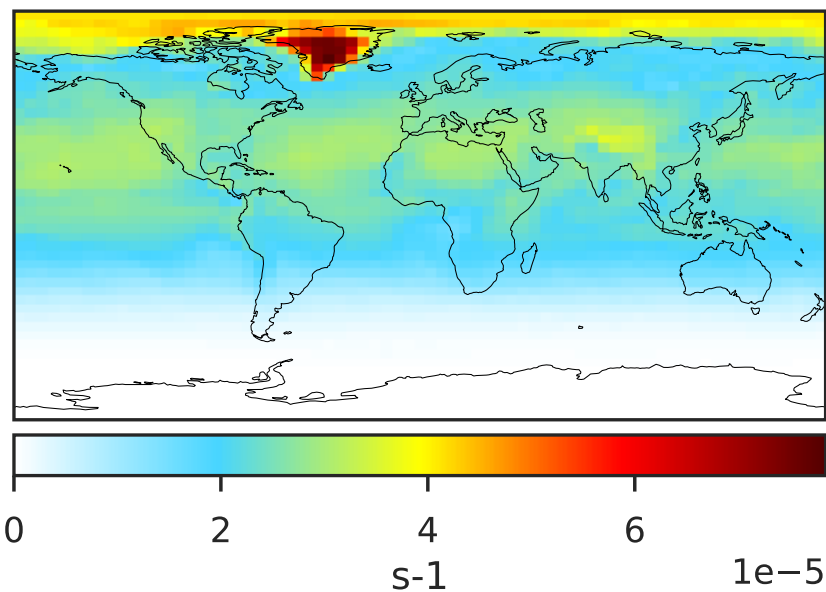
0.50 0.75 1.00 1.50 2.00
unitless

Jval_MCRHNB (Jul2019)

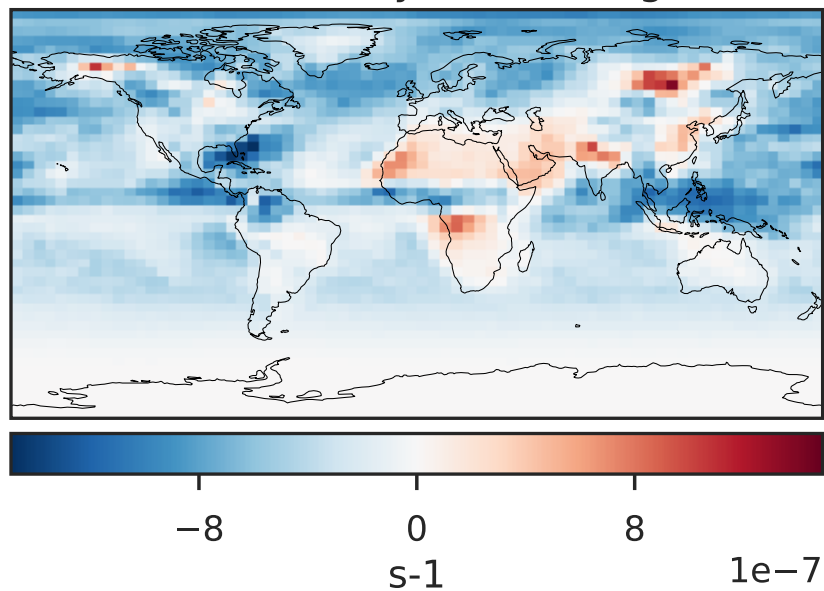
14.2.0-rc.2 (Ref)
4.0x5.0



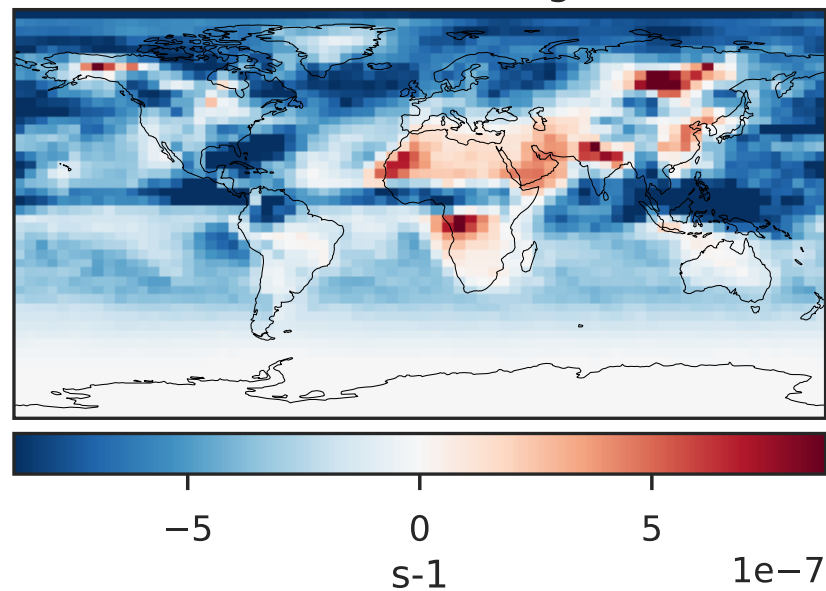
14.3.0-rc.0 (Dev)
4.0x5.0



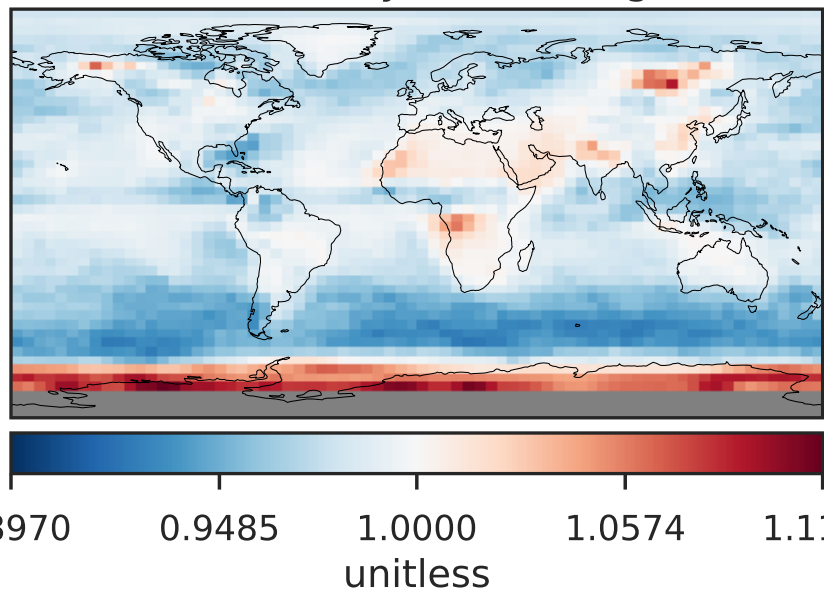
Difference
Dev - Ref, Dynamic Range



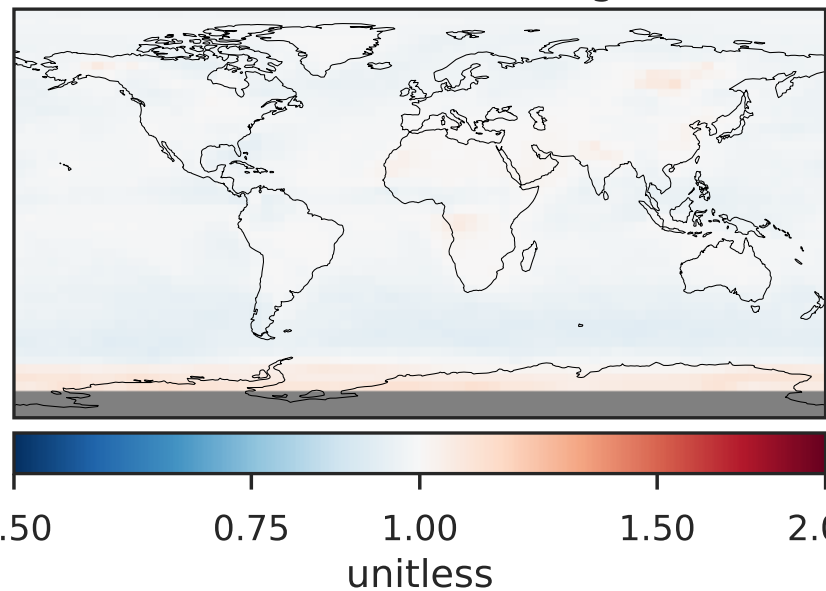
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

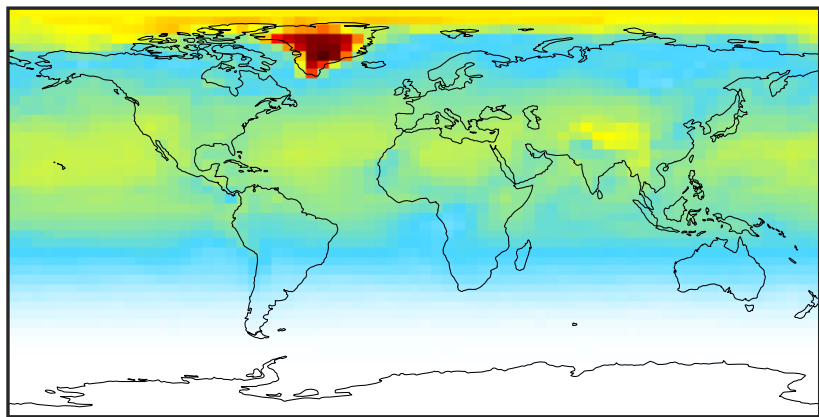


Ratio
Dev/Ref, Fixed Range



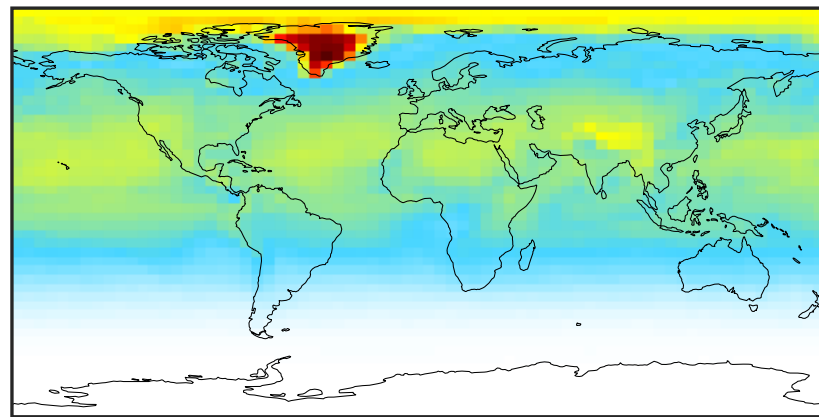
Jval_MCRHP (Jul2019)

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



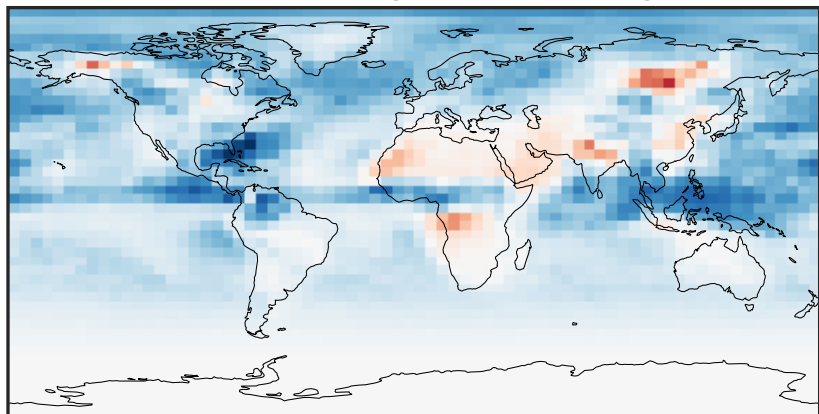
0.0 1.5 3.0 $1e-5$
s-1

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



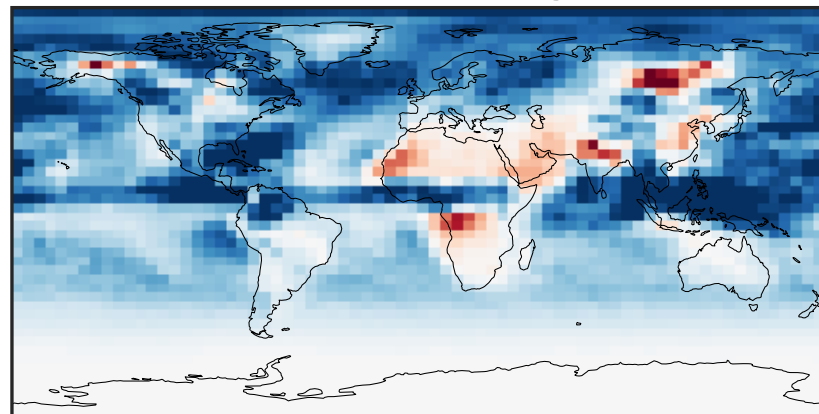
0.0 1.5 3.0 $1e-5$
s-1

Difference
Dev - Ref, Dynamic Range



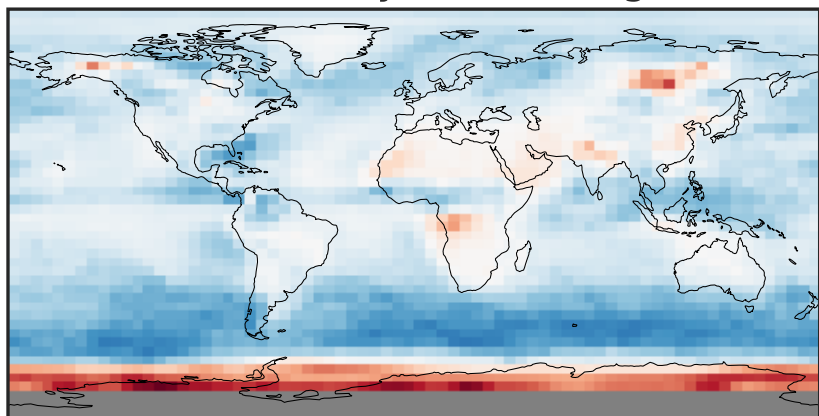
-5 0 5 $1e-7$
s-1

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



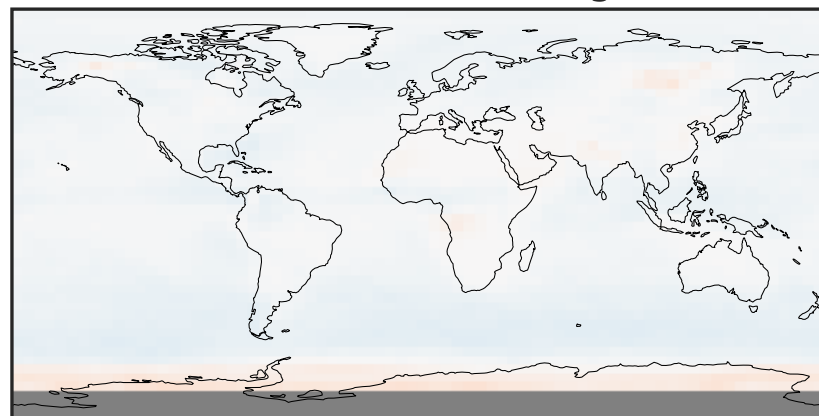
-3 0 3 $1e-7$
s-1

Ratio
Dev/Ref, Dynamic Range



0.8956 0.9478 1.0000 1.0583 1.1166
unitless

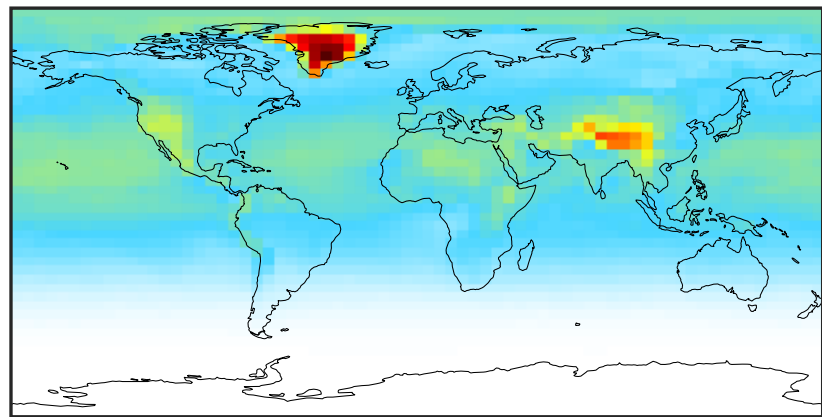
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

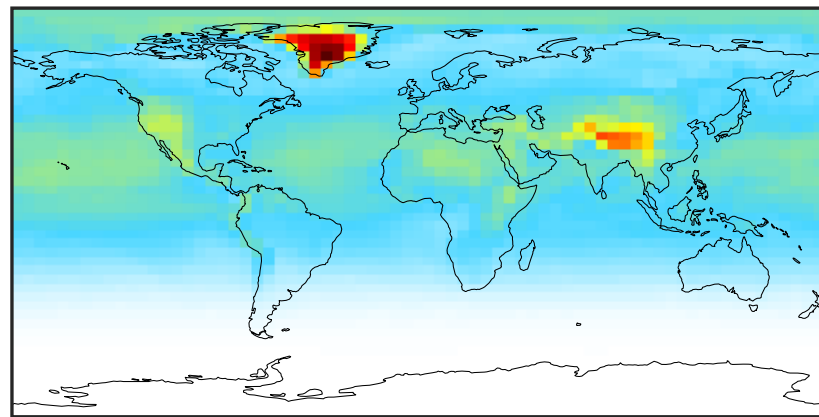
Jval_MEK (Jul2019)

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



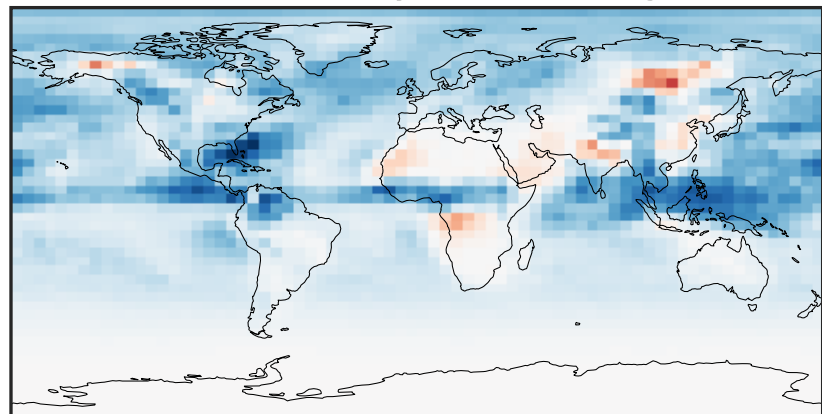
0.0 1.5 3.0 $1e-6$
s-1

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



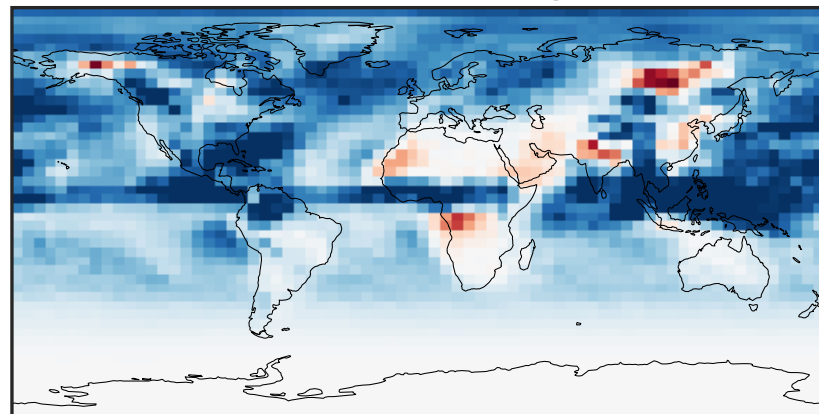
0.0 1.5 3.0 $1e-6$
s-1

Difference
Dev - Ref, Dynamic Range



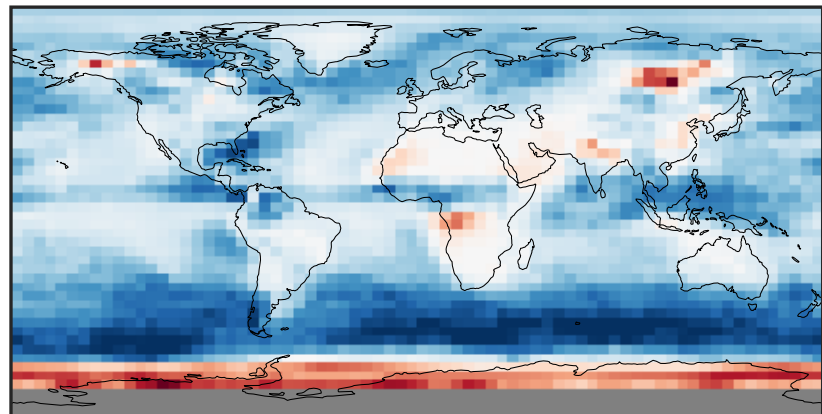
-4 0 4 $1e-8$
s-1

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



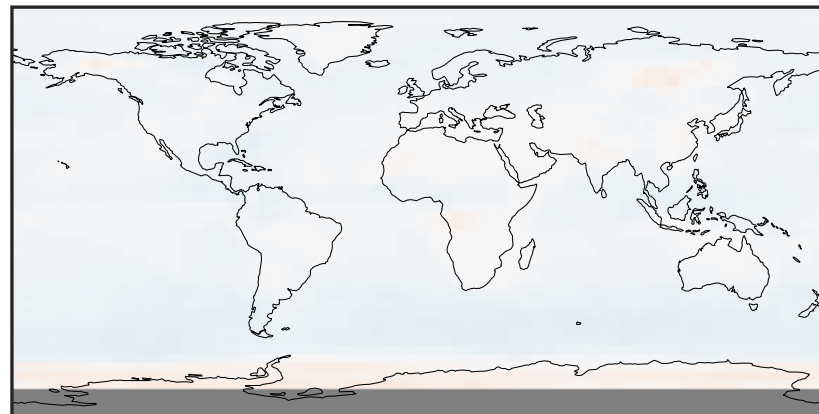
-2 0 2 $1e-8$
s-1

Ratio
Dev/Ref, Dynamic Range



0.9327 0.9663 1.0000 1.0361 1.0722
unitless

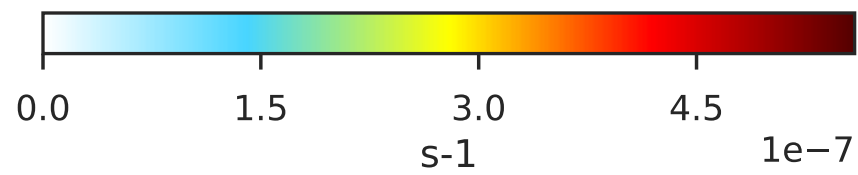
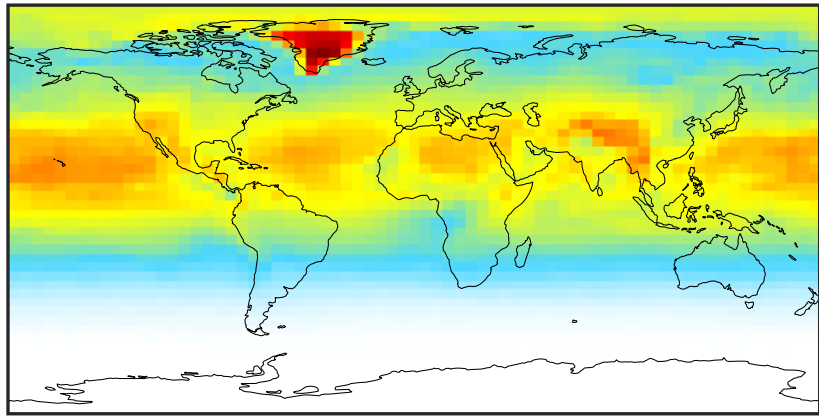
Ratio
Dev/Ref, Fixed Range



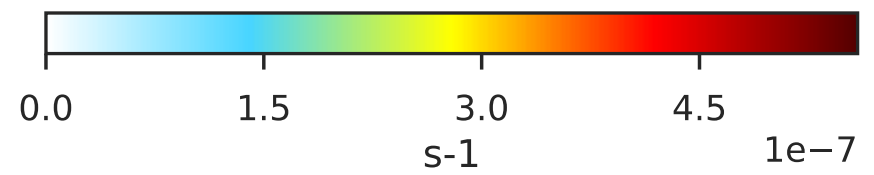
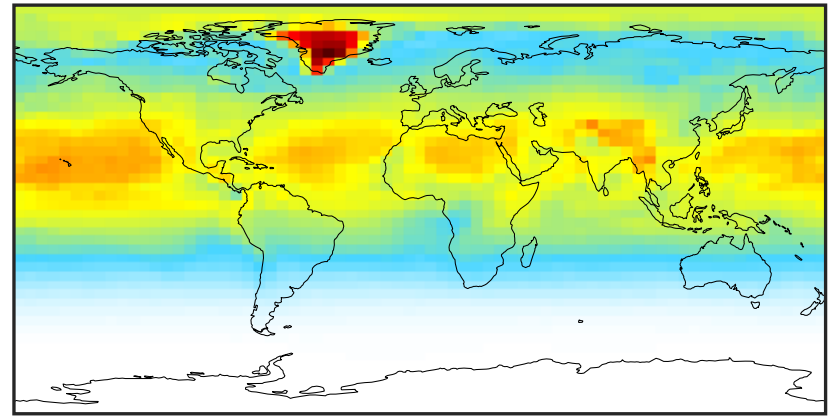
0.50 0.75 1.00 1.50 2.00
unitless

Jval_MENO3 (Jul2019)

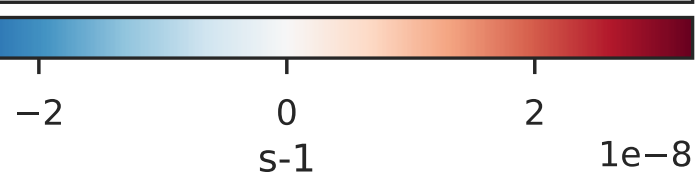
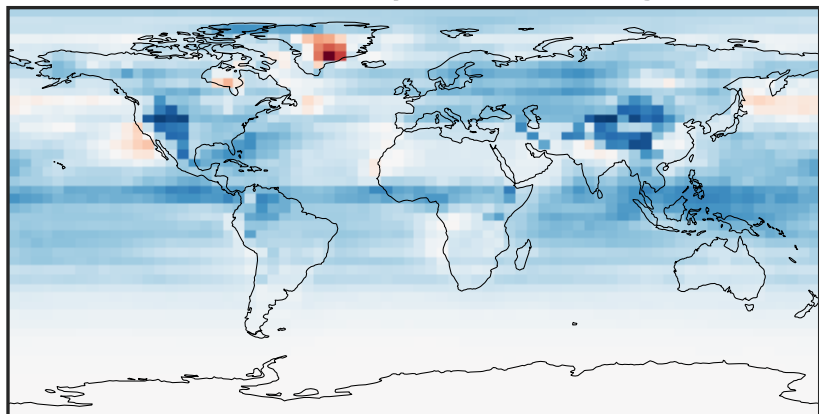
14.2.0-rc.2 (Ref)
4.0x5.0



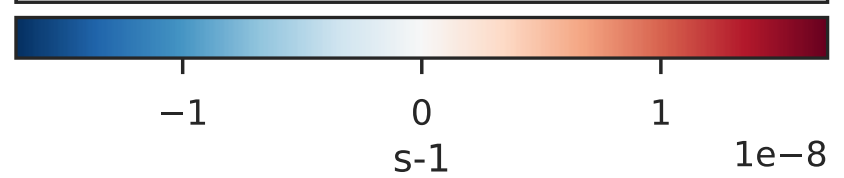
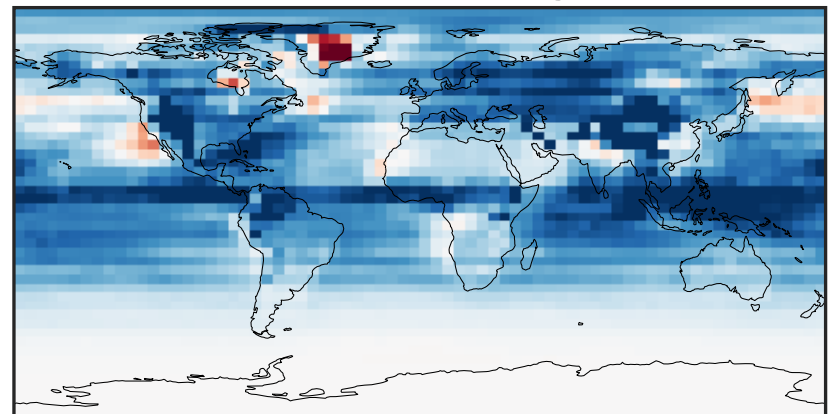
14.3.0-rc.0 (Dev)
4.0x5.0



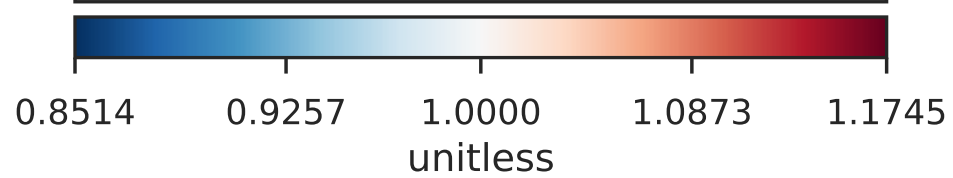
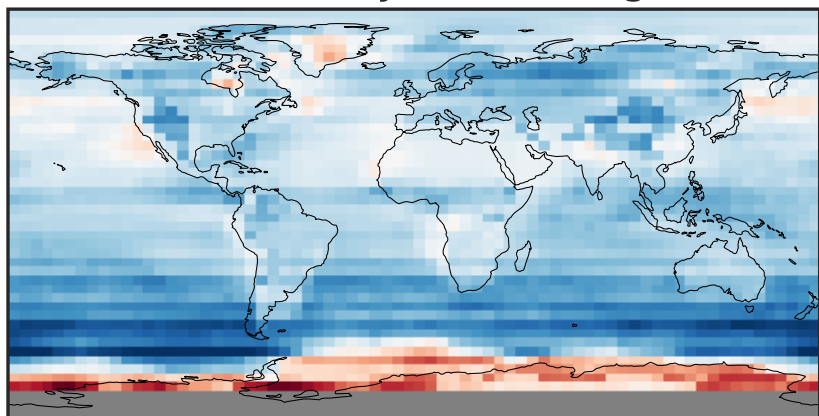
Difference
Dev - Ref, Dynamic Range



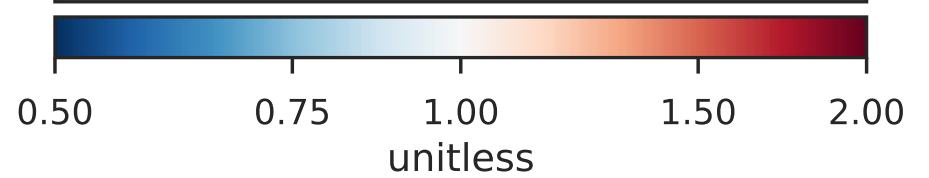
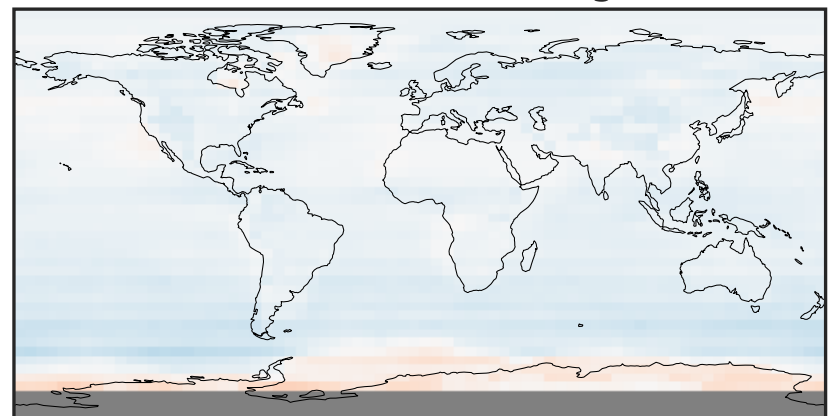
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

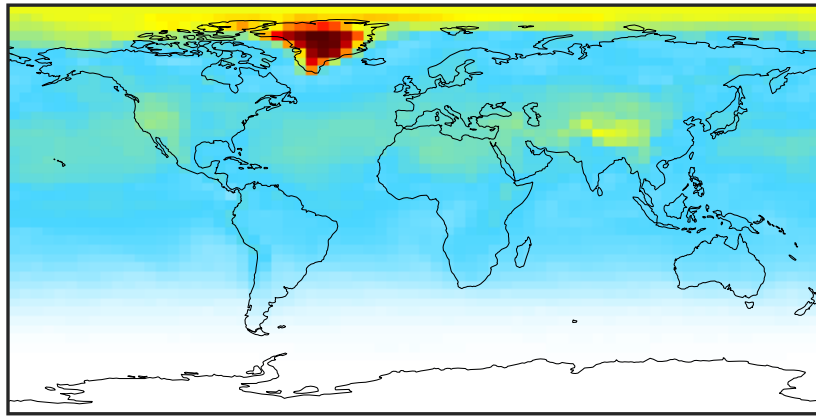


Ratio
Dev/Ref, Fixed Range



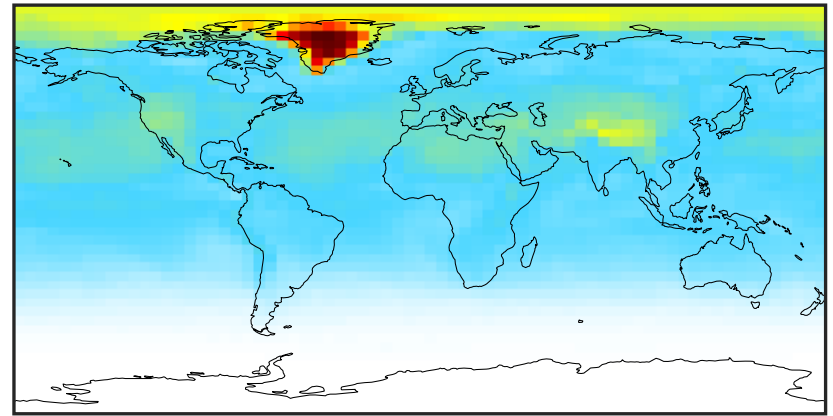
Jval_MGLY (Jul2019)

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



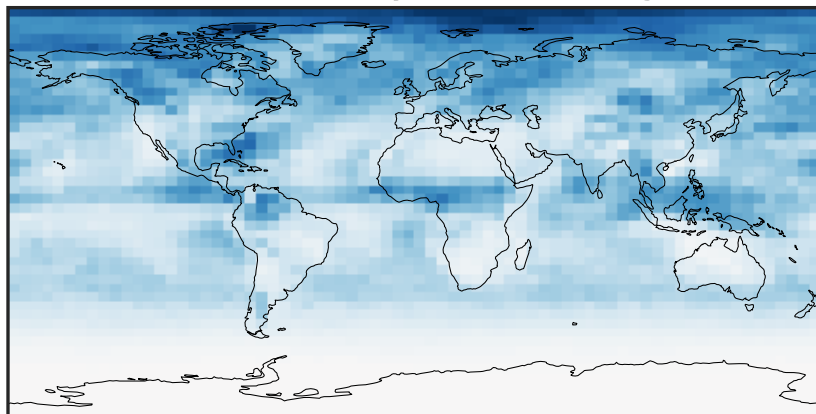
0.00000 0.00008 0.00016 0.00024 s-1

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



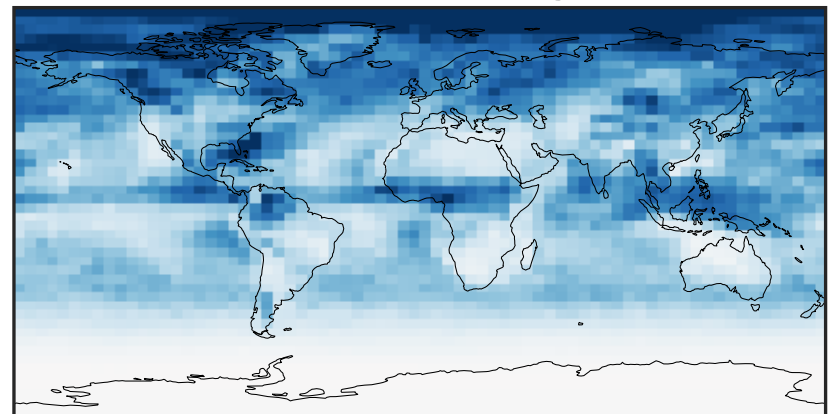
0.00000 0.00008 0.00016 0.00024 s-1

Difference
Dev - Ref, Dynamic Range



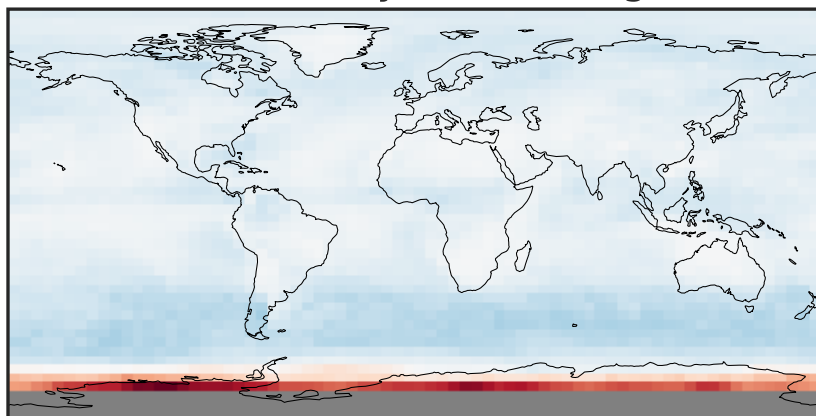
-2.5 0.0 2.5 s-1 1e-6

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



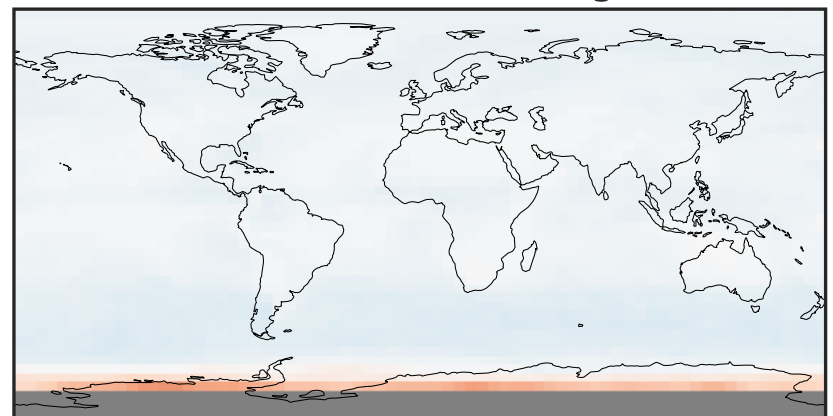
-2 0 2 s-1 1e-6

Ratio
Dev/Ref, Dynamic Range



0.7305 0.8652 1.0000 1.1845 1.3690 unitless

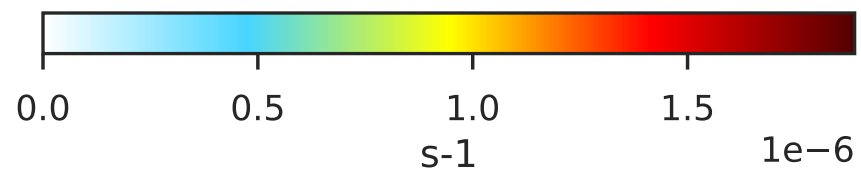
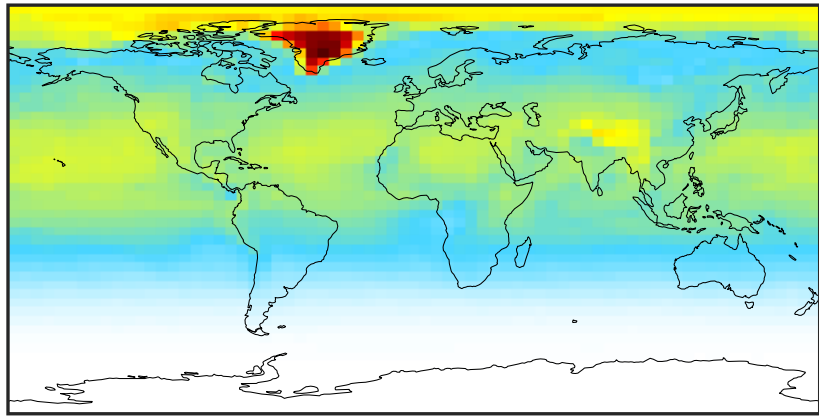
Ratio
Dev/Ref, Fixed Range



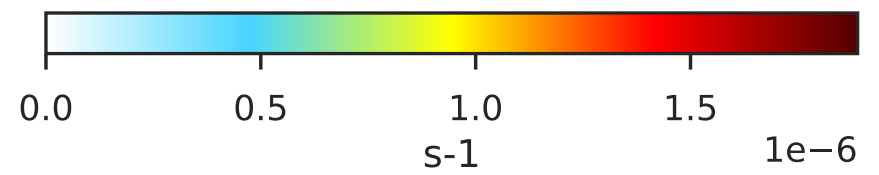
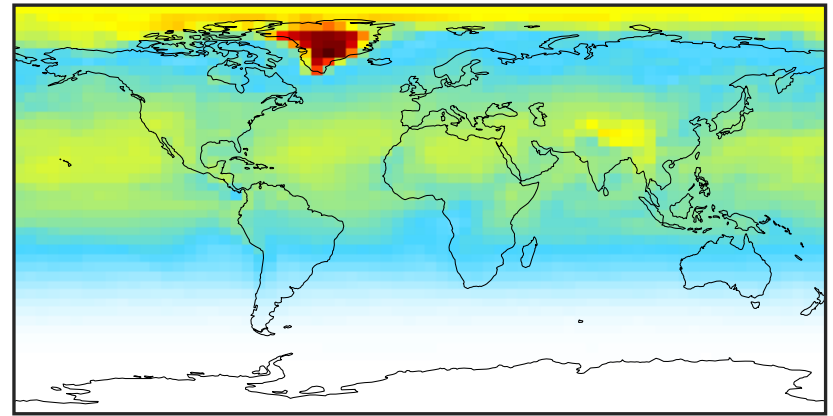
0.50 0.75 1.00 1.50 2.00 unitless

Jval_MONITS (Jul2019)

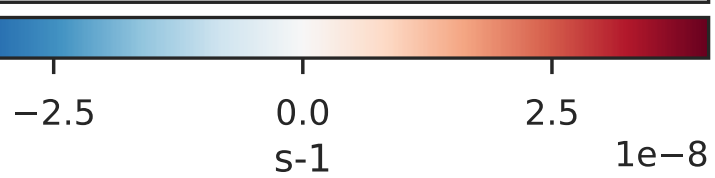
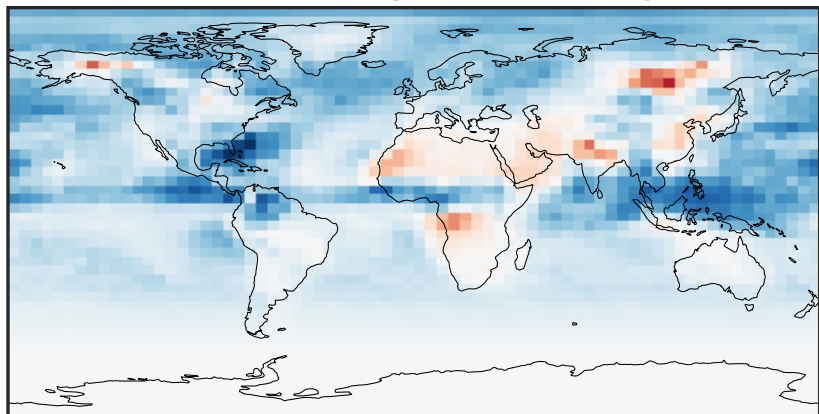
14.2.0-rc.2 (Ref)
4.0x5.0



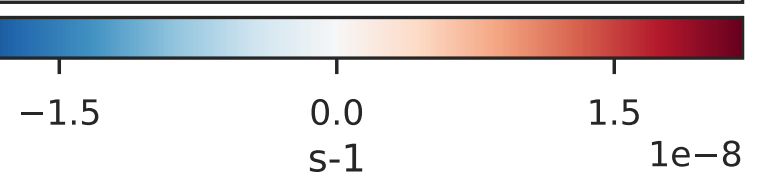
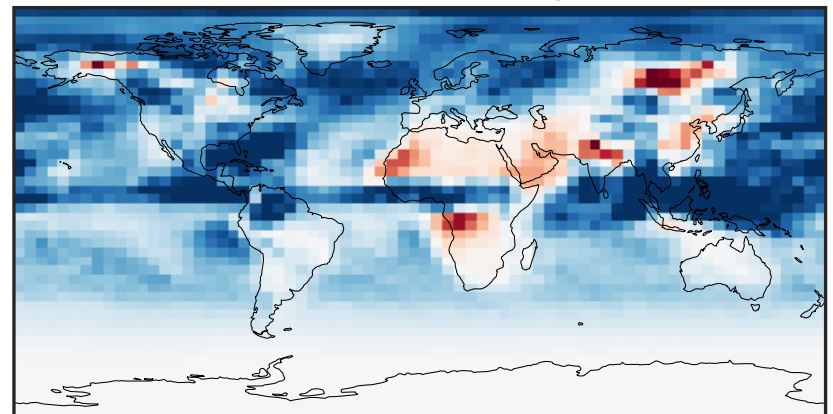
14.3.0-rc.0 (Dev)
4.0x5.0



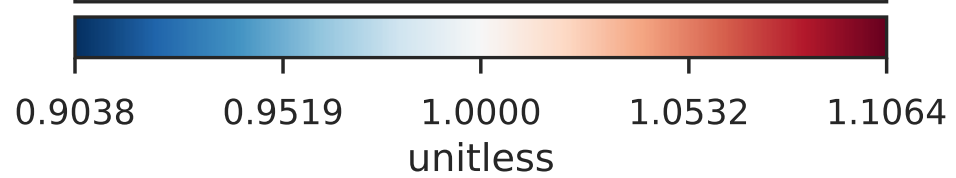
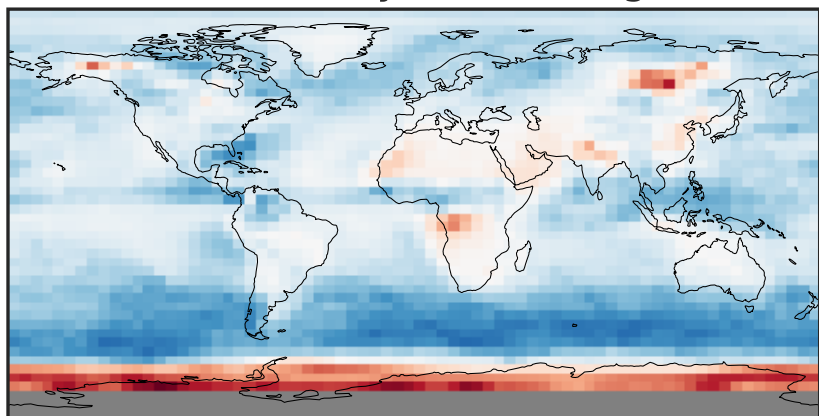
Difference
Dev - Ref, Dynamic Range



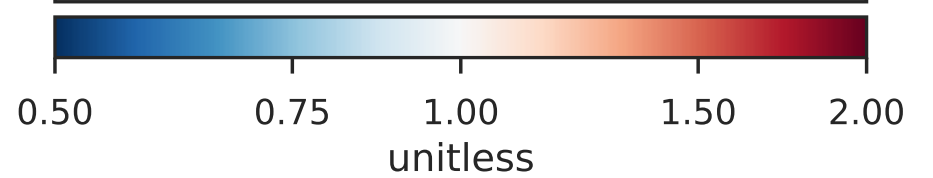
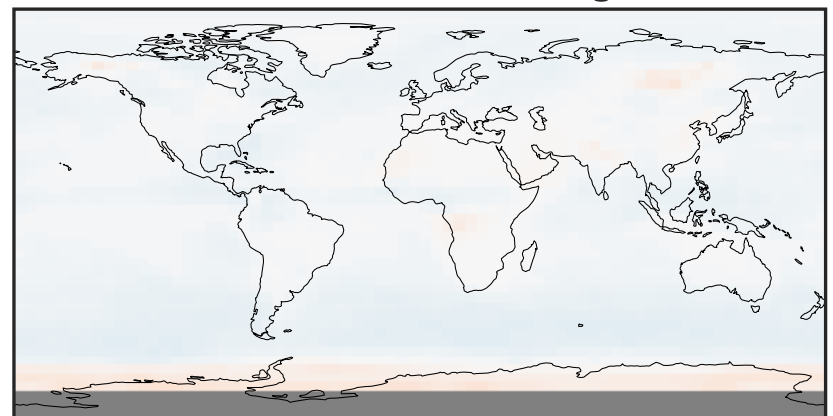
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

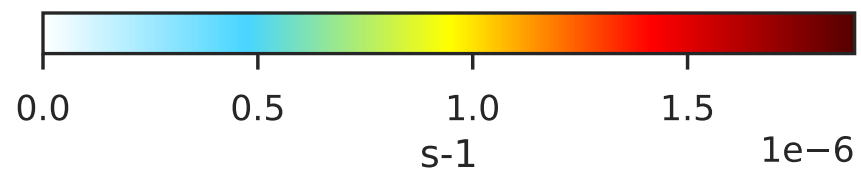
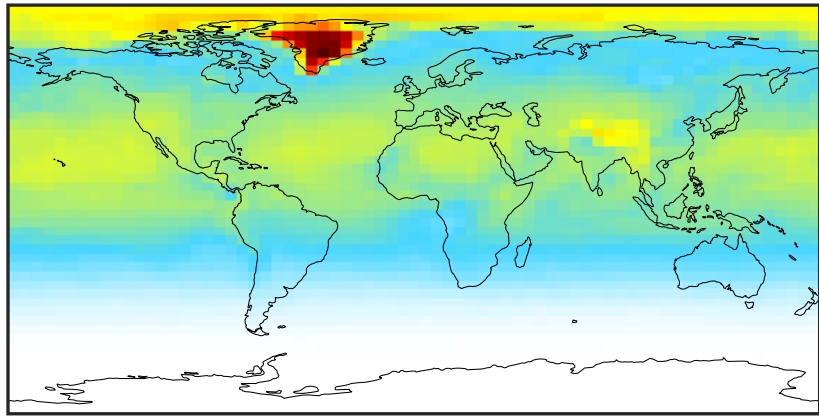


Ratio
Dev/Ref, Fixed Range

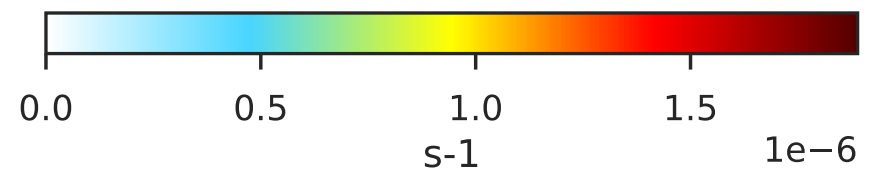
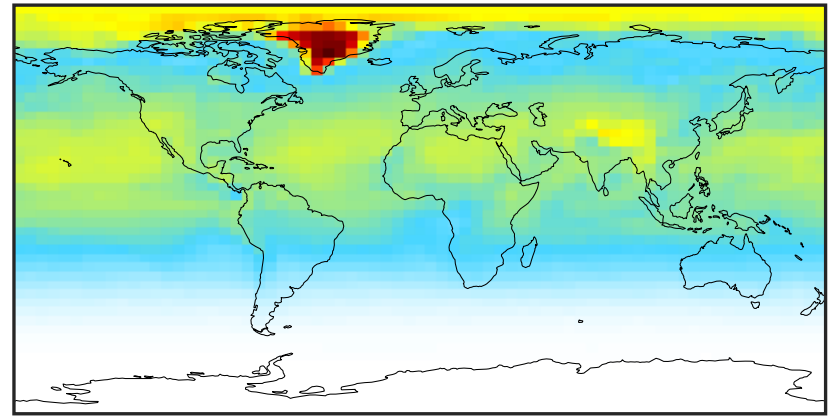


Jval_MONITU (Jul2019)

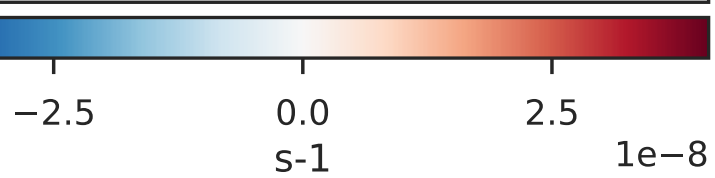
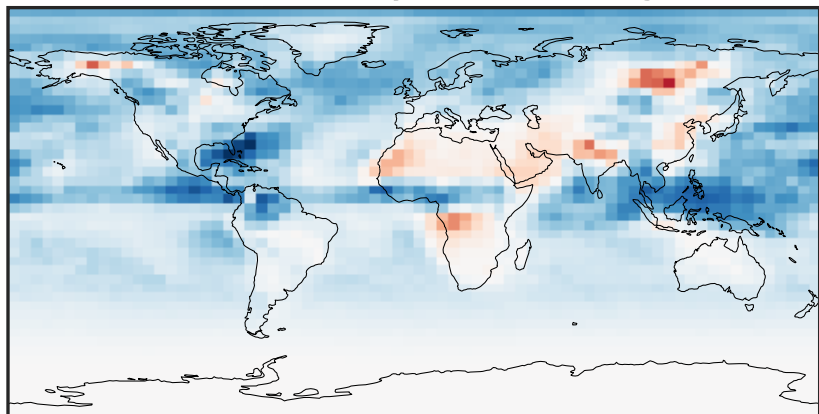
14.2.0-rc.2 (Ref)
4.0x5.0



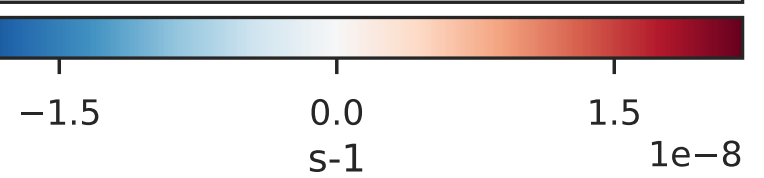
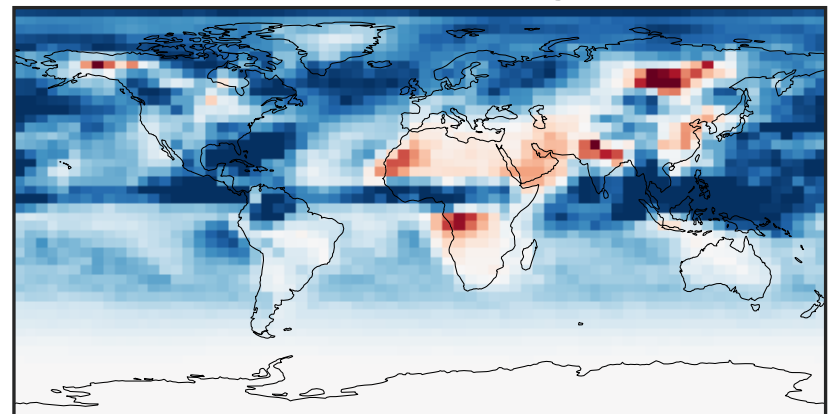
14.3.0-rc.0 (Dev)
4.0x5.0



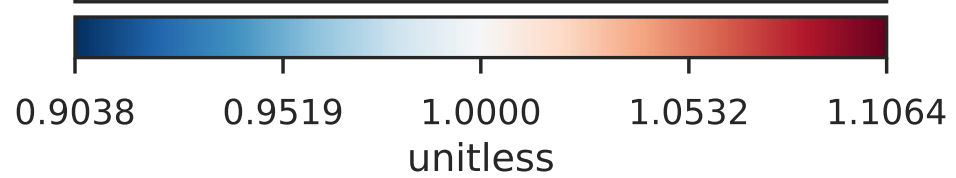
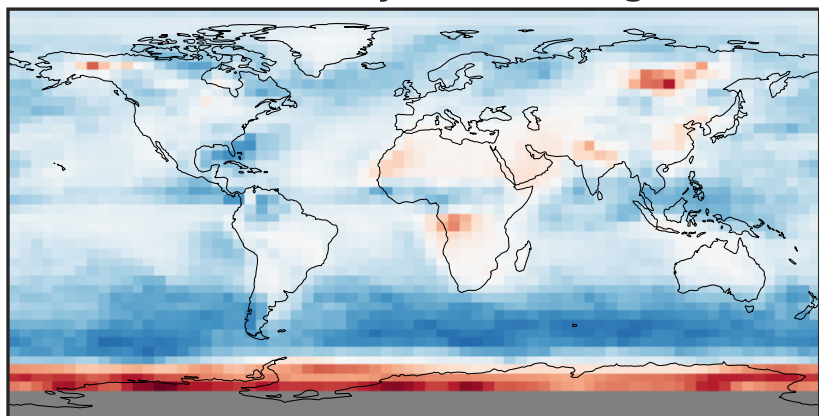
Difference
Dev - Ref, Dynamic Range



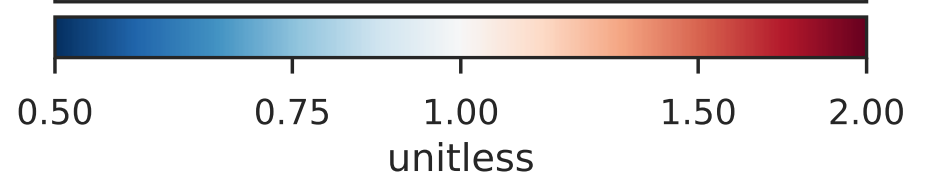
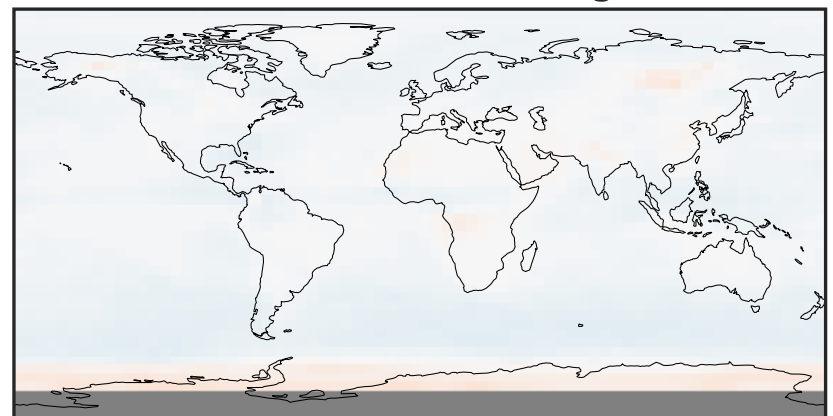
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

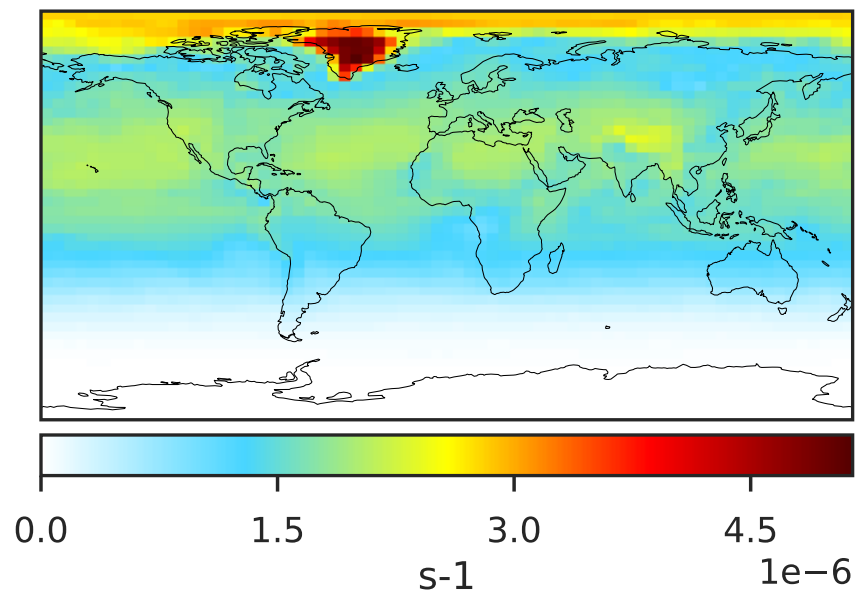


Ratio
Dev/Ref, Fixed Range

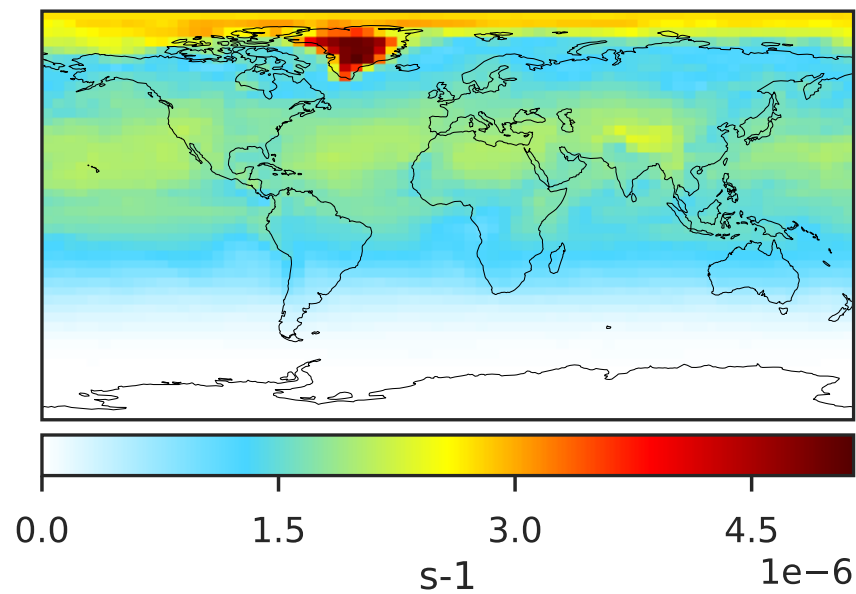


Jval_MP (Jul2019)

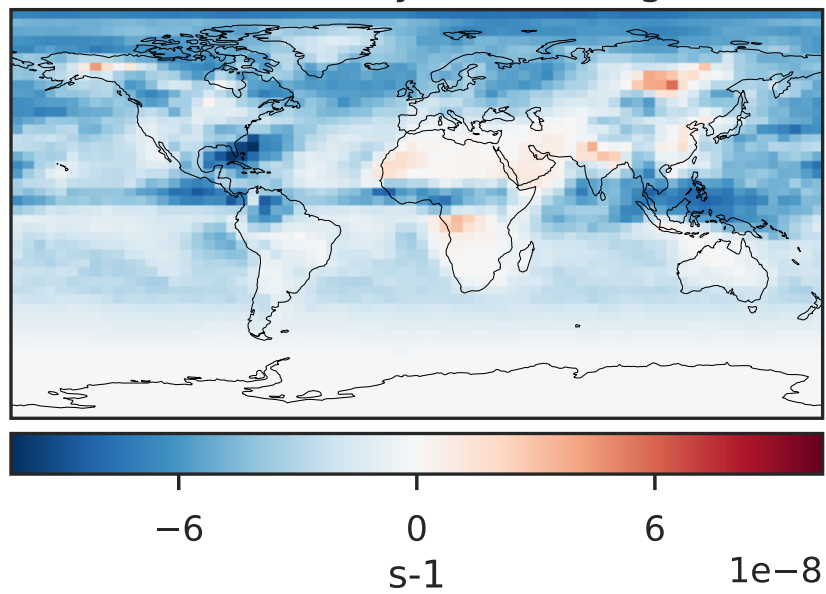
14.2.0-rc.2 (Ref)
4.0x5.0



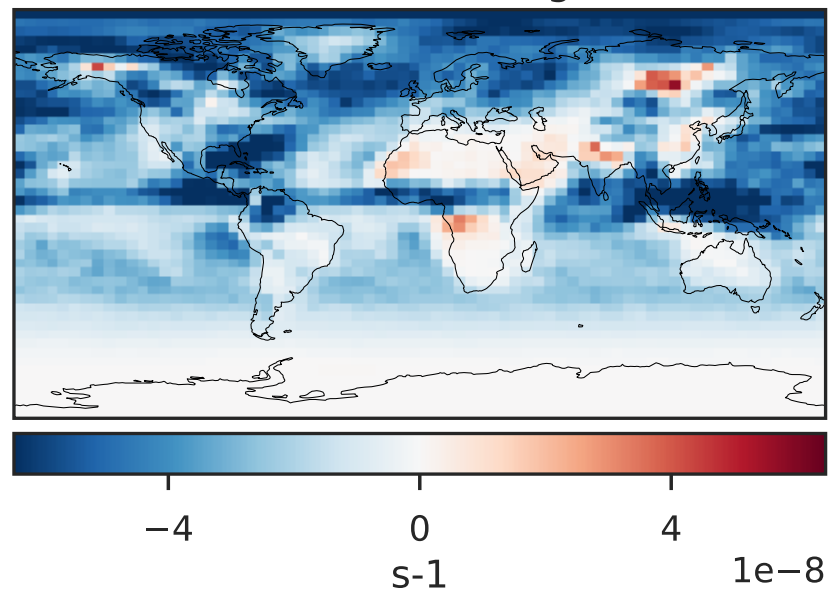
14.3.0-rc.0 (Dev)
4.0x5.0



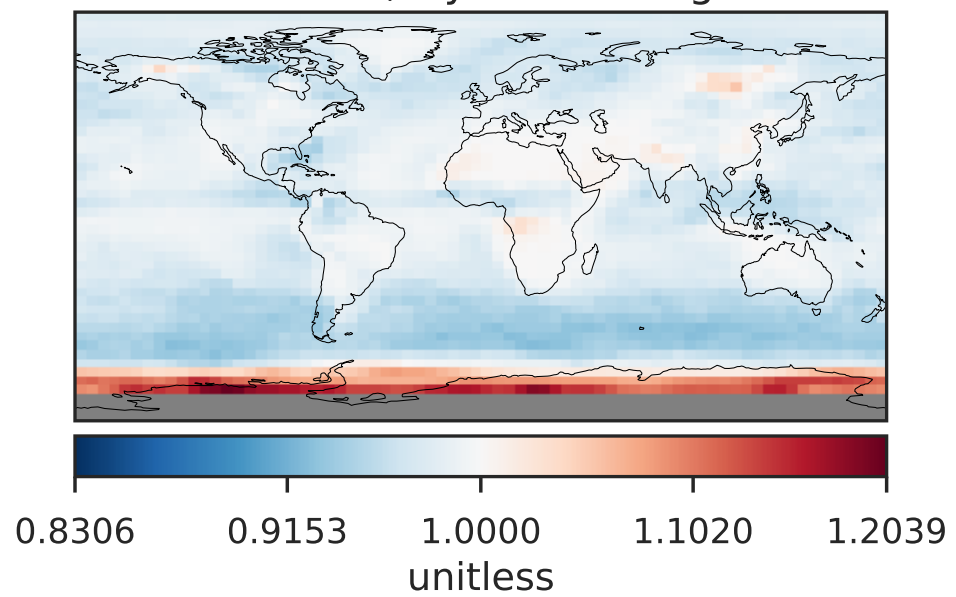
Difference
Dev - Ref, Dynamic Range



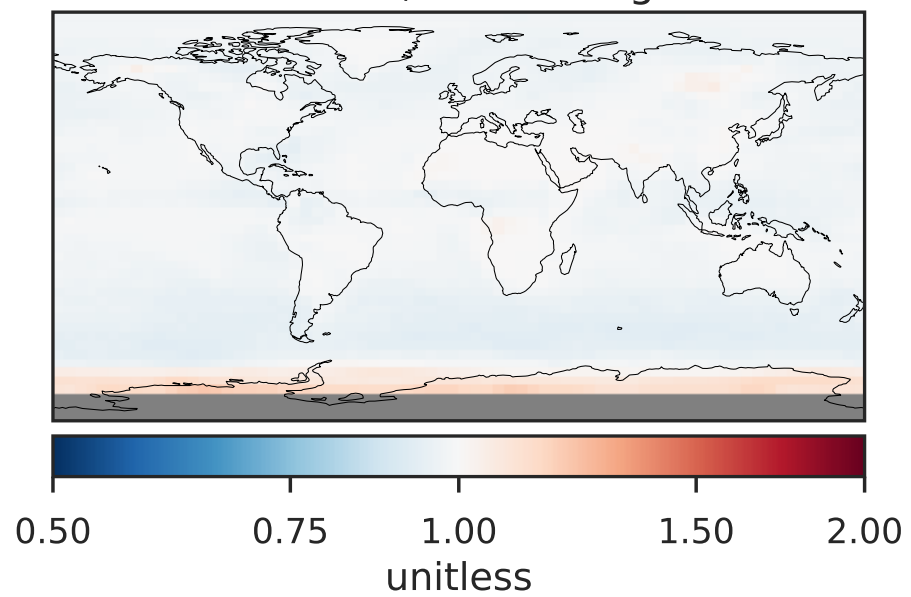
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

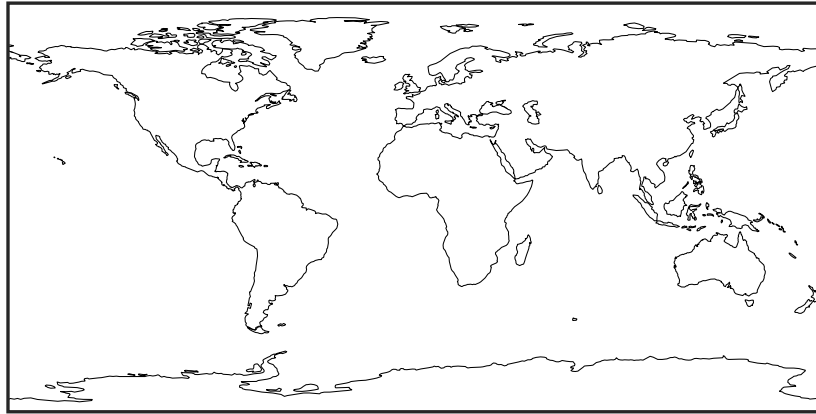


Ratio
Dev/Ref, Fixed Range



Jval_MPAN (Jul2019)

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



Zero throughput domain
s-1

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



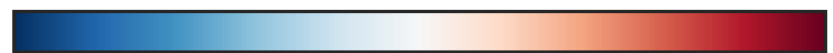
Zero throughput domain
s-1

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

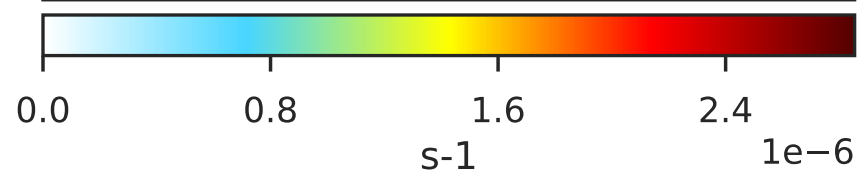
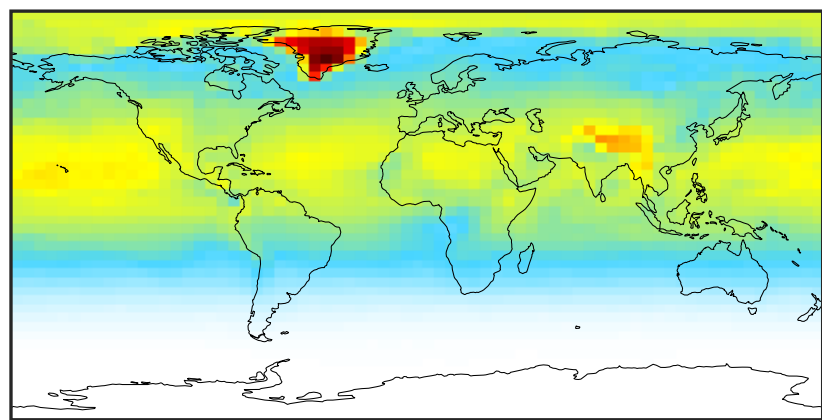
Ratio
Dev/Ref, Fixed Range



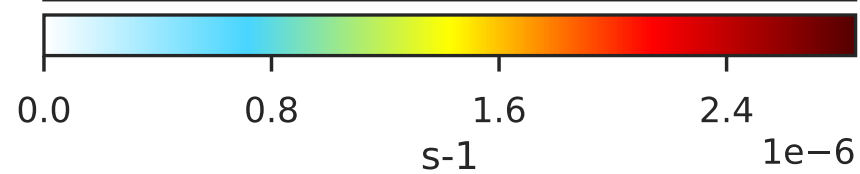
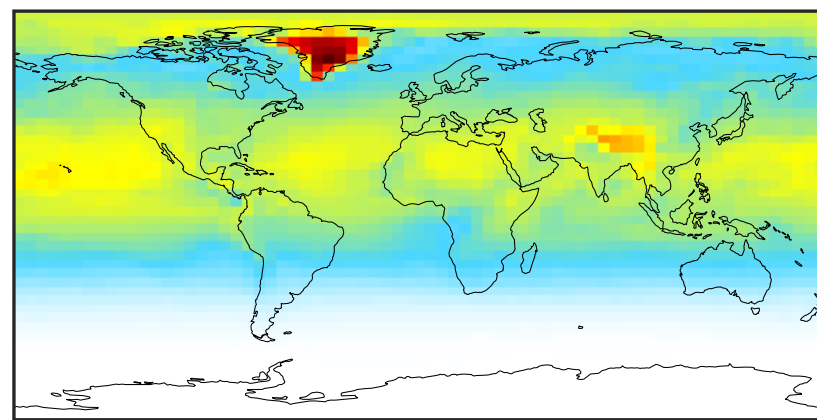
Undefined throughput domain
unitless

Jval_MPN (Jul2019)

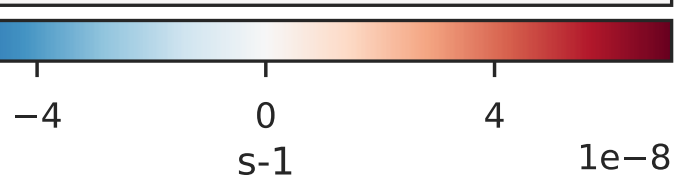
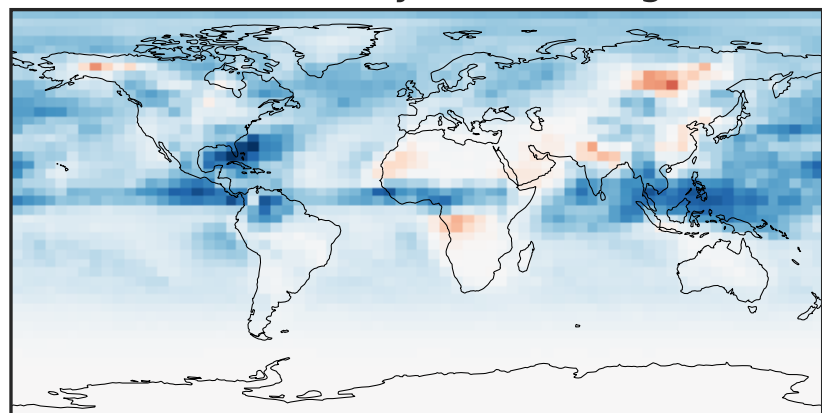
14.2.0-rc.2 (Ref)
4.0x5.0



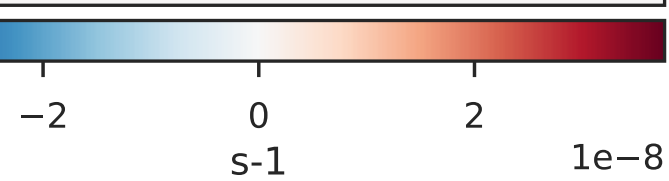
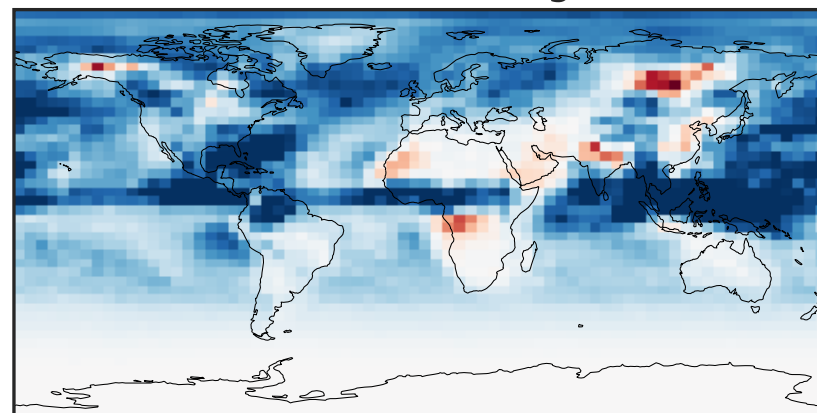
14.3.0-rc.0 (Dev)
4.0x5.0



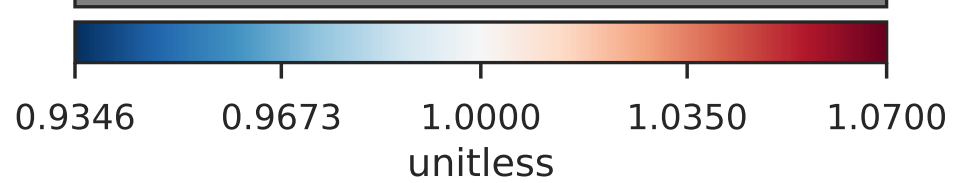
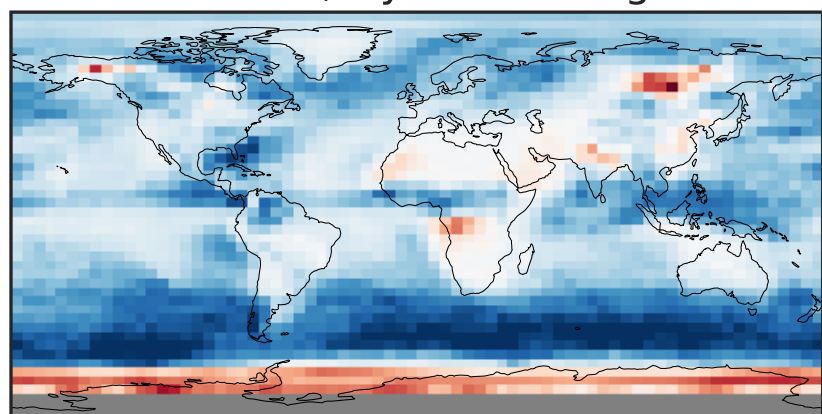
Difference
Dev - Ref, Dynamic Range



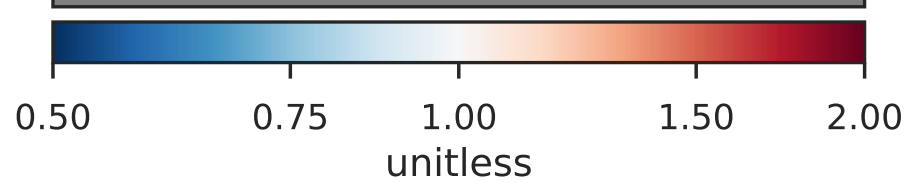
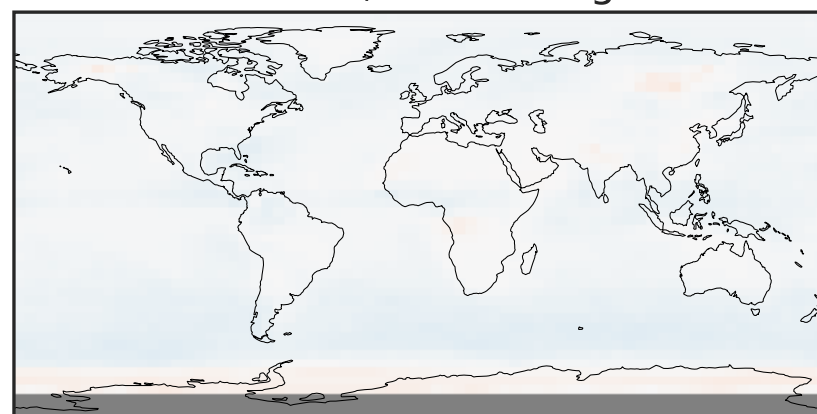
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

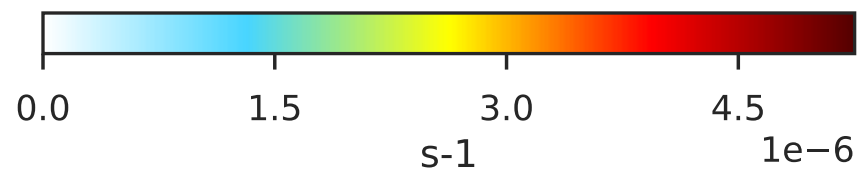
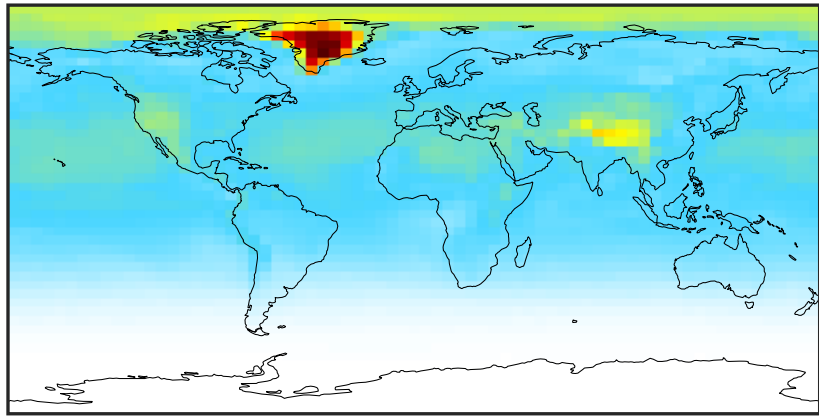


Ratio
Dev/Ref, Fixed Range

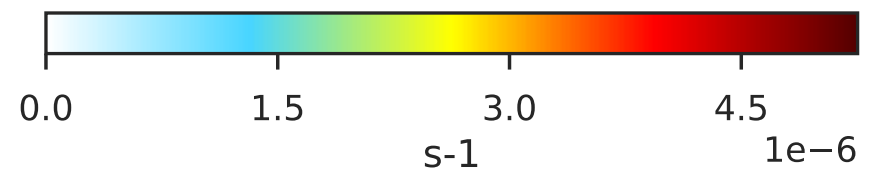
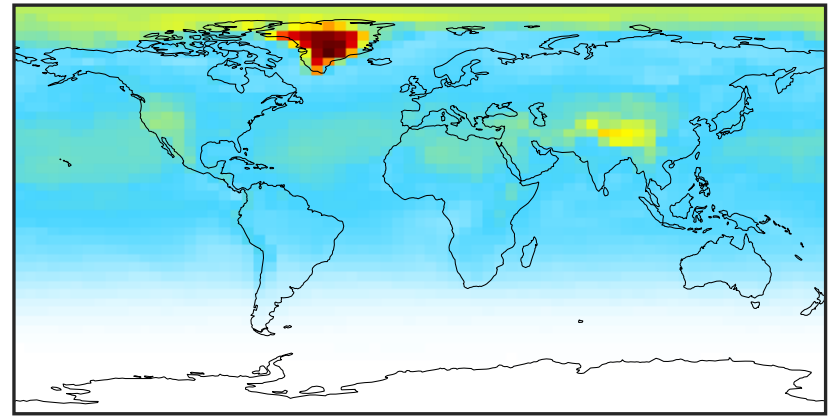


Jval_MVK (Jul2019)

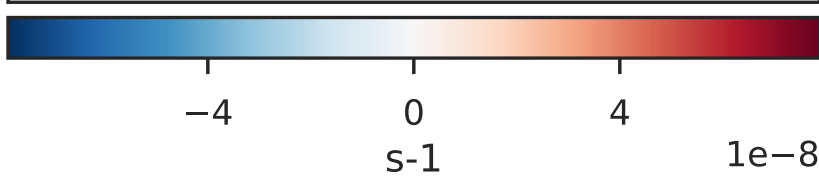
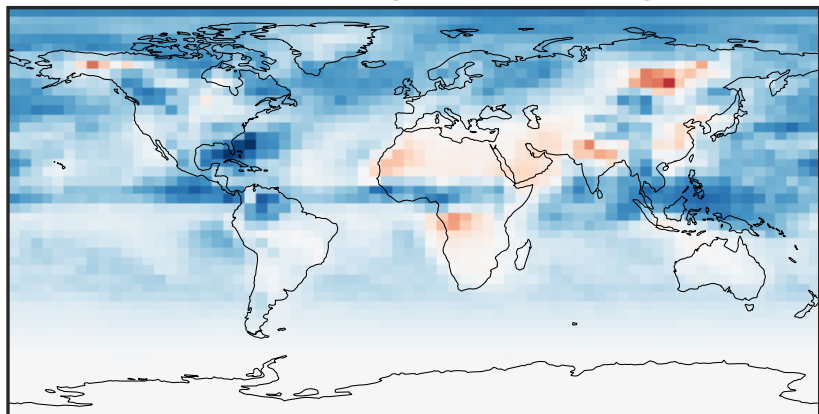
14.2.0-rc.2 (Ref)
4.0x5.0



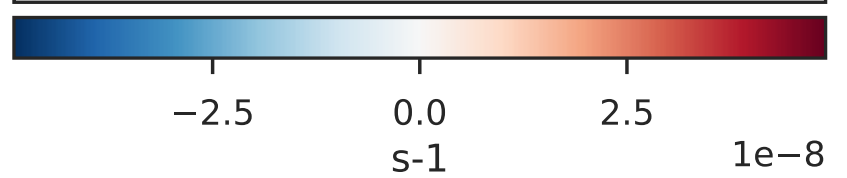
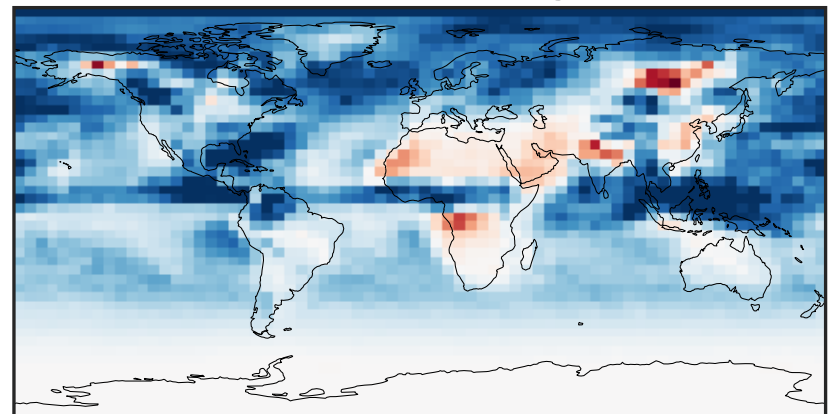
14.3.0-rc.0 (Dev)
4.0x5.0



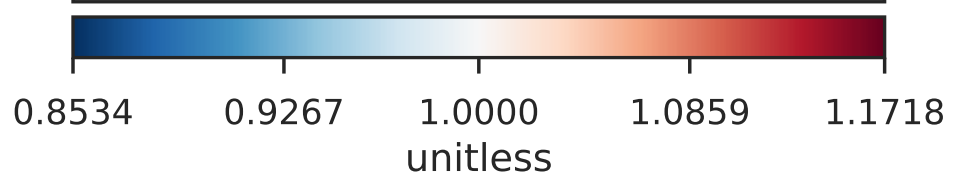
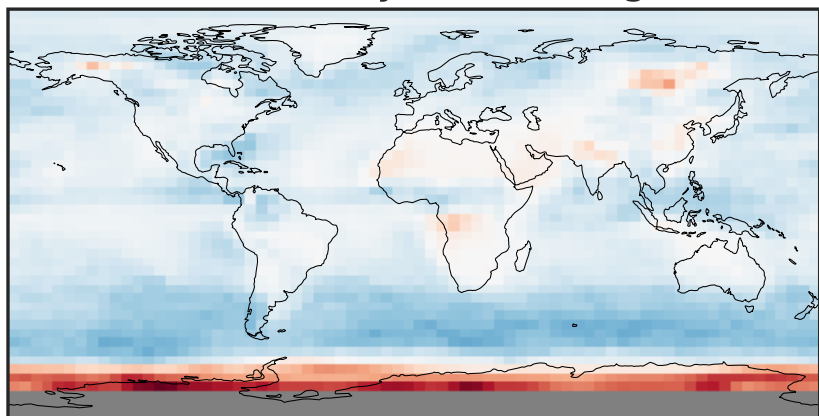
Difference
Dev - Ref, Dynamic Range



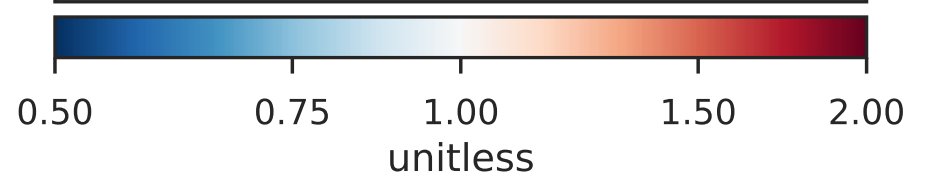
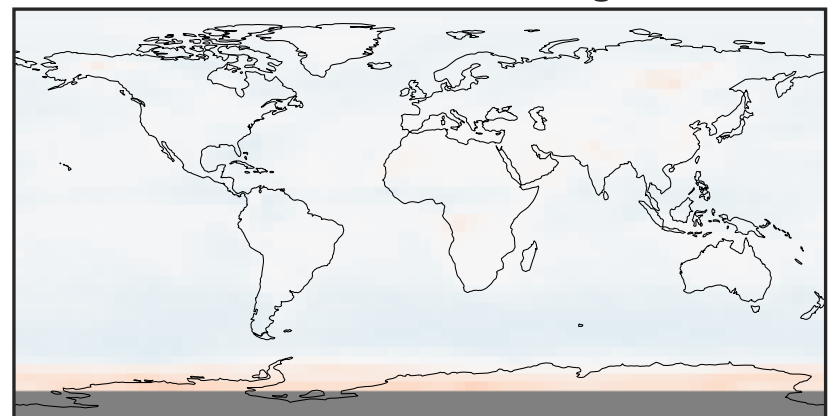
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

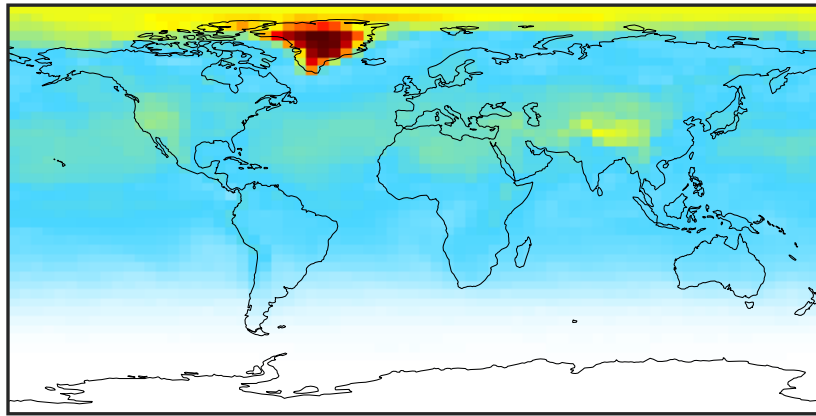


Ratio
Dev/Ref, Fixed Range



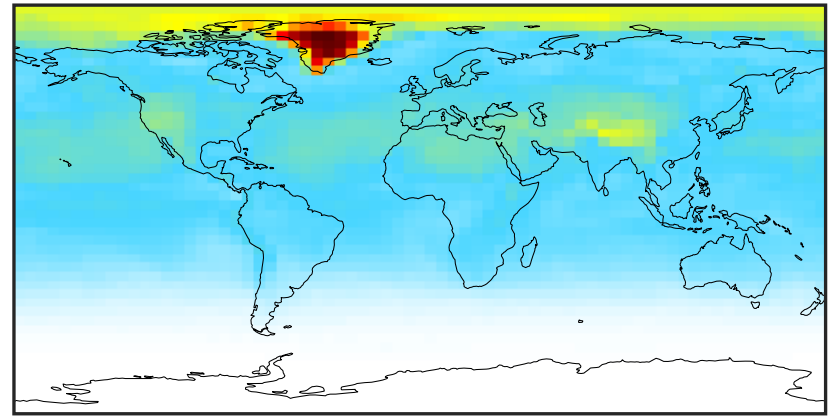
Jval_MVKHC (Jul2019)

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



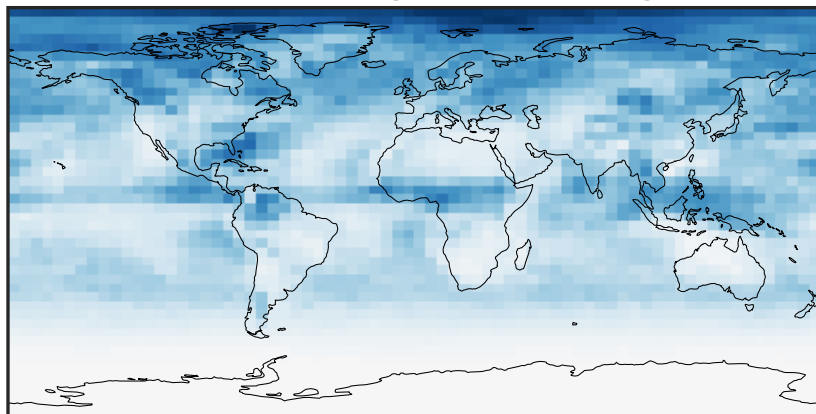
0.00000 0.00008 0.00016 0.00024 s-1

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



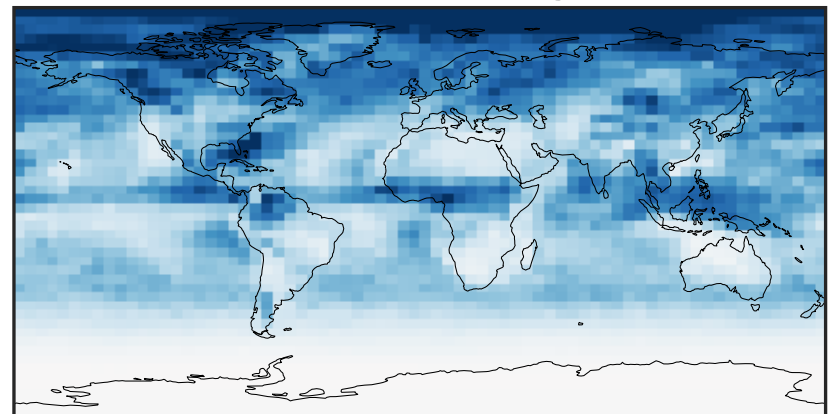
0.00000 0.00008 0.00016 0.00024 s-1

Difference
Dev - Ref, Dynamic Range



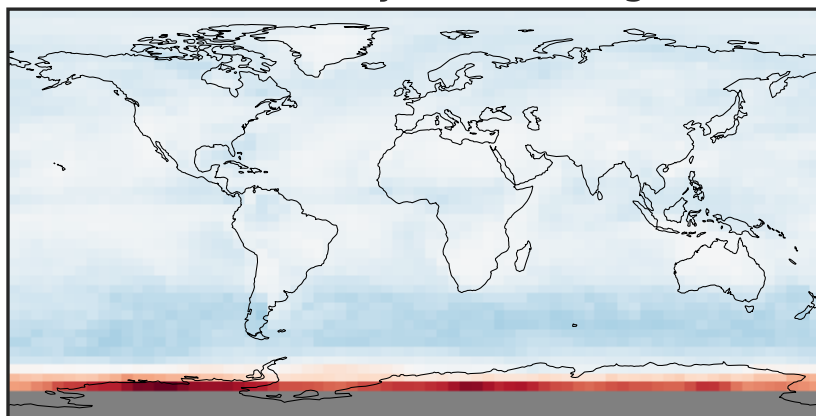
-2.5 0.0 2.5 s-1 1e-6

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



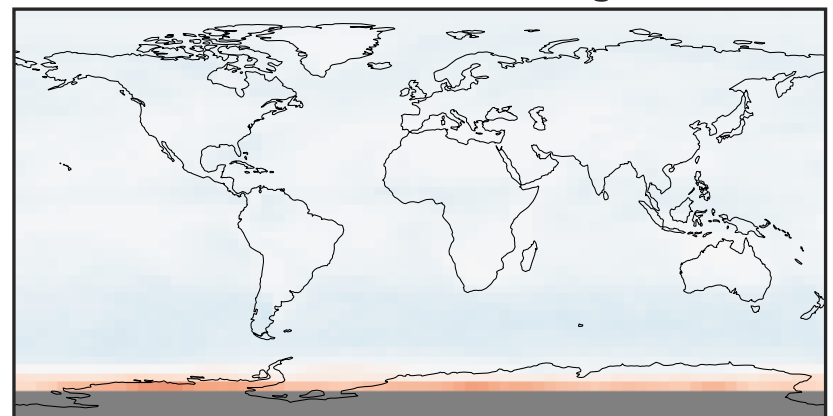
-2 0 2 s-1 1e-6

Ratio
Dev/Ref, Dynamic Range



0.7305 0.8652 1.0000 1.1845 1.3690 unitless

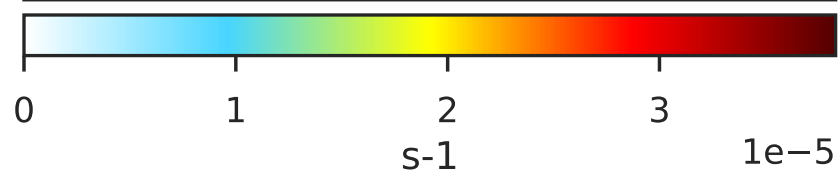
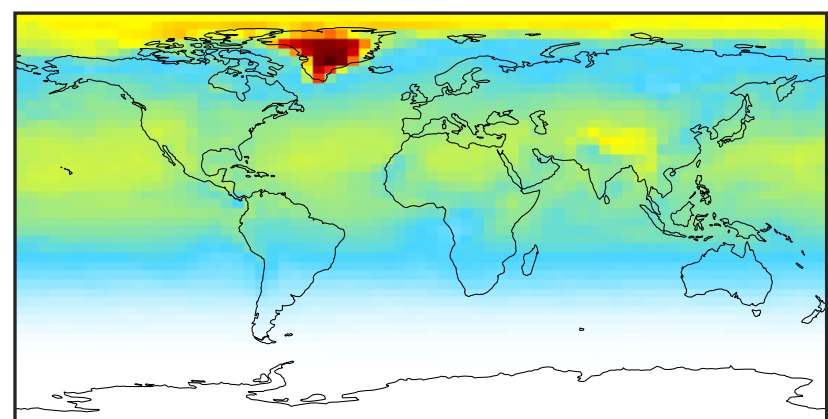
Ratio
Dev/Ref, Fixed Range



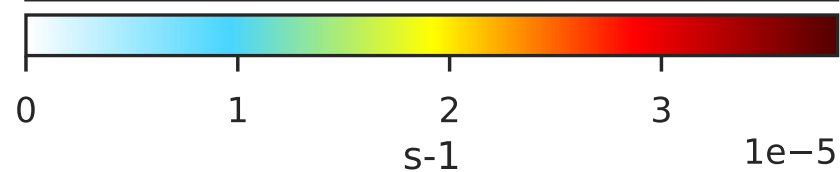
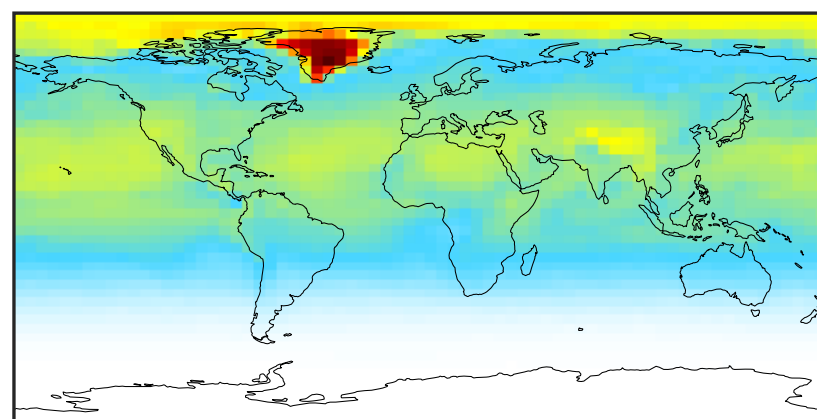
0.50 0.75 1.00 1.50 2.00 unitless

Jval_MVKHCB (Jul2019)

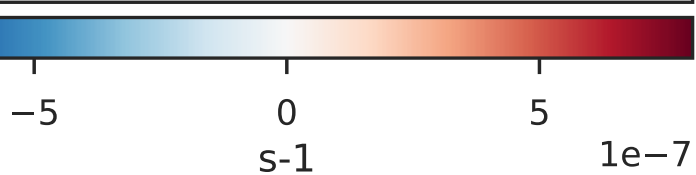
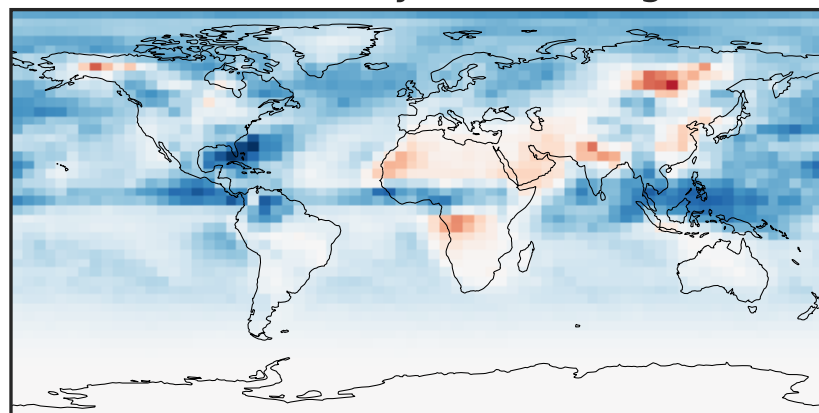
14.2.0-rc.2 (Ref)
4.0x5.0



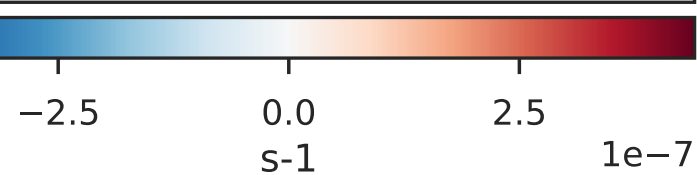
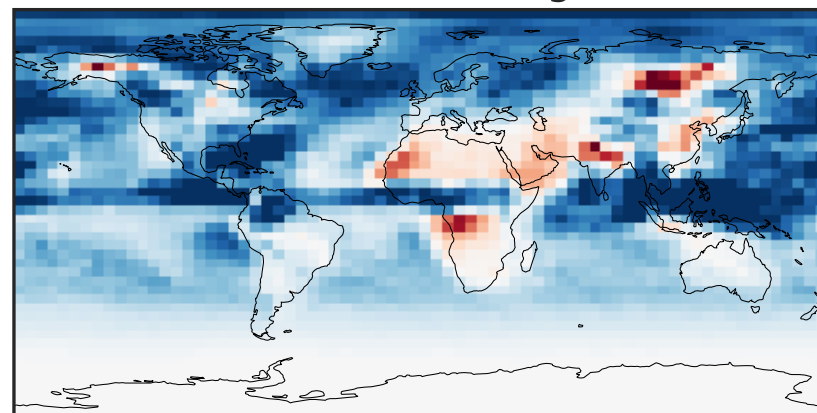
14.3.0-rc.0 (Dev)
4.0x5.0



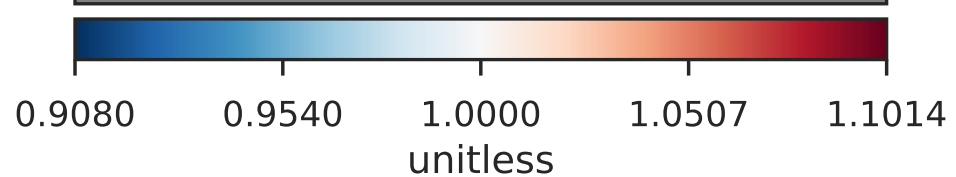
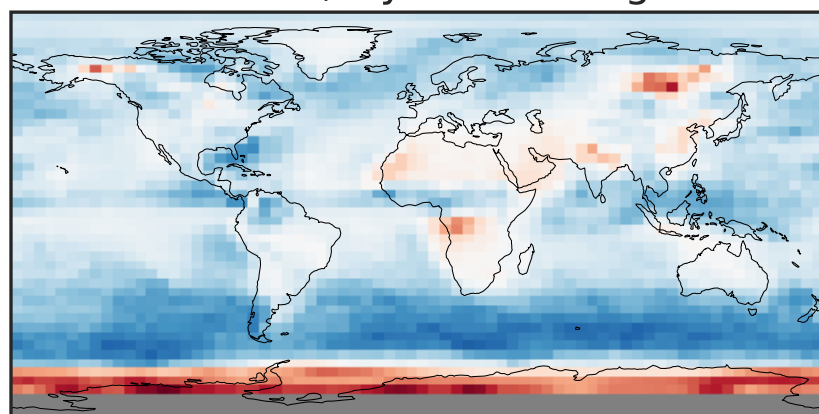
Difference
Dev - Ref, Dynamic Range



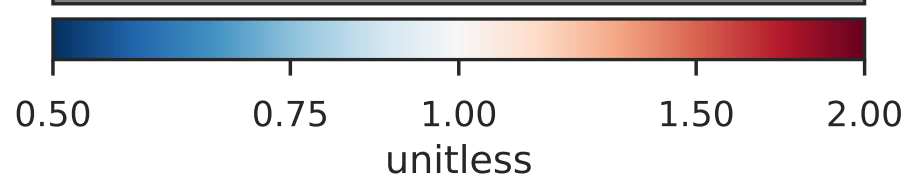
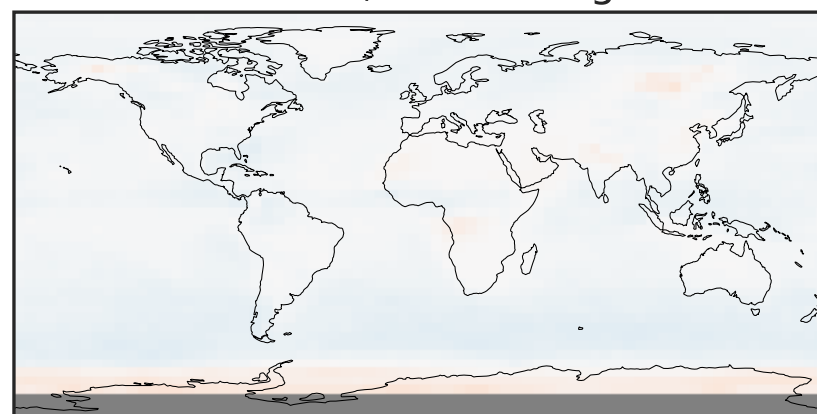
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

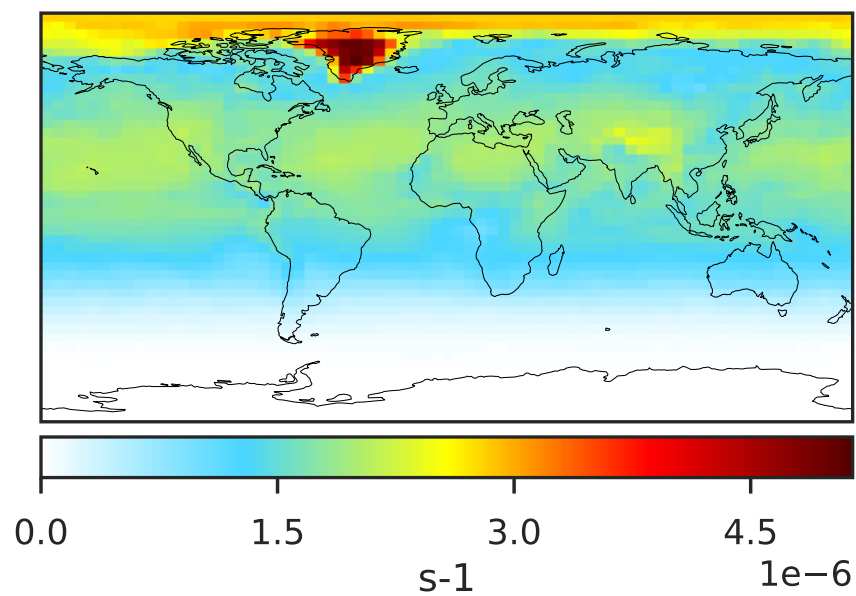


Ratio
Dev/Ref, Fixed Range

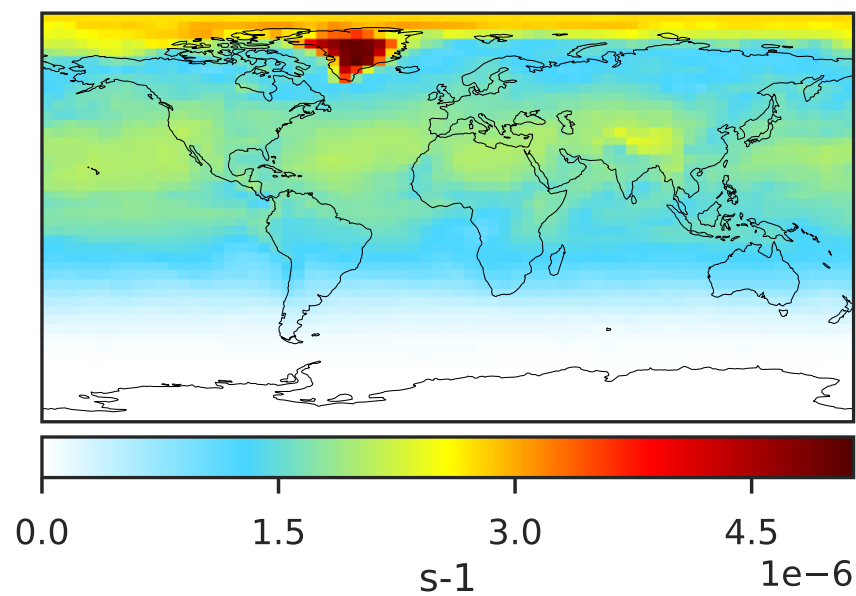


Jval_MVKHP (Jul2019)

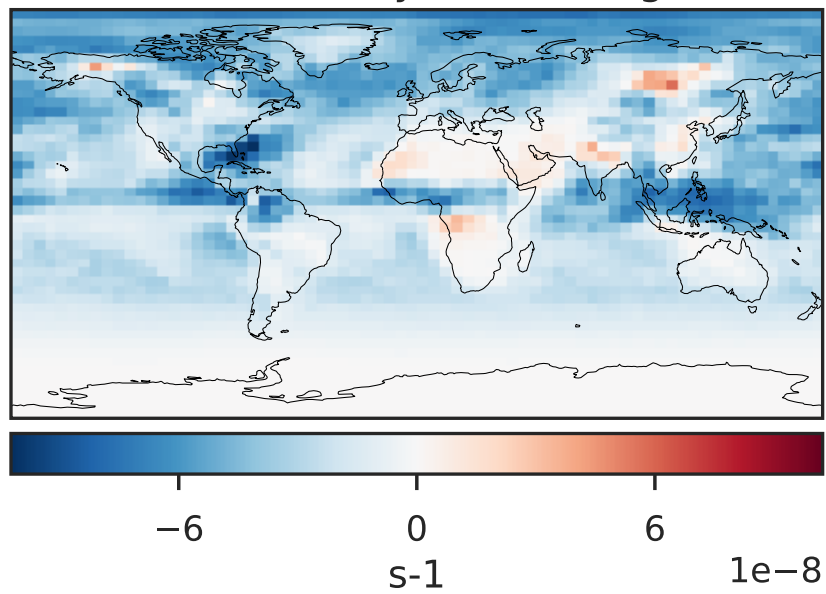
14.2.0-rc.2 (Ref)
4.0x5.0



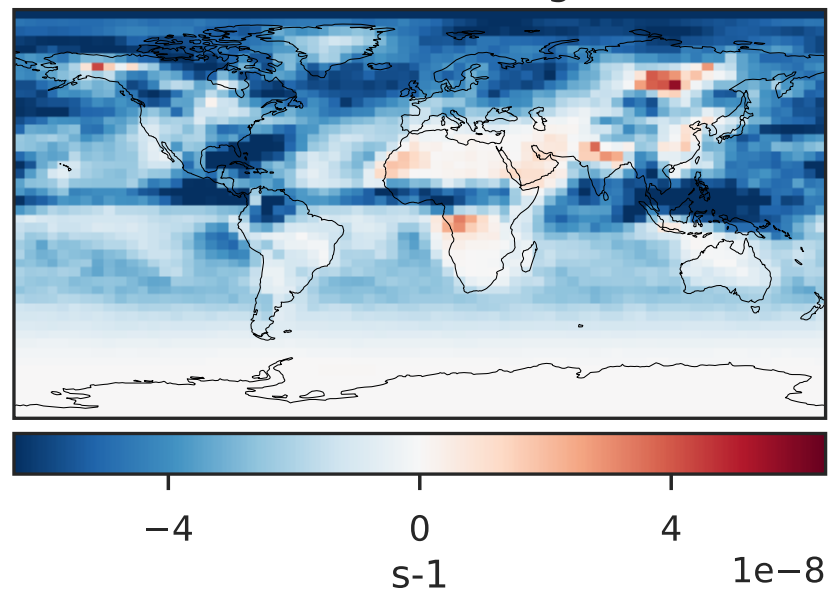
14.3.0-rc.0 (Dev)
4.0x5.0



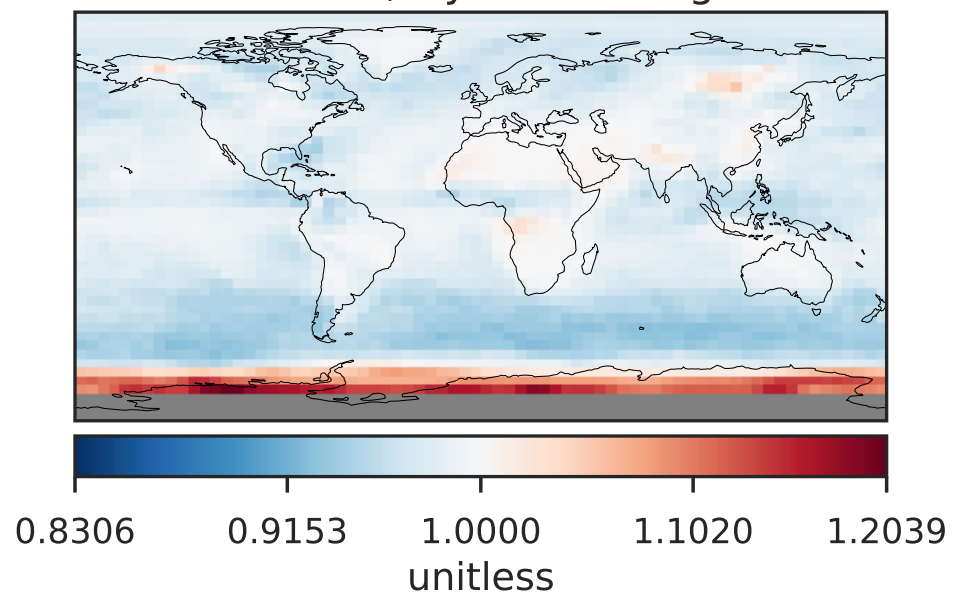
Difference
Dev - Ref, Dynamic Range



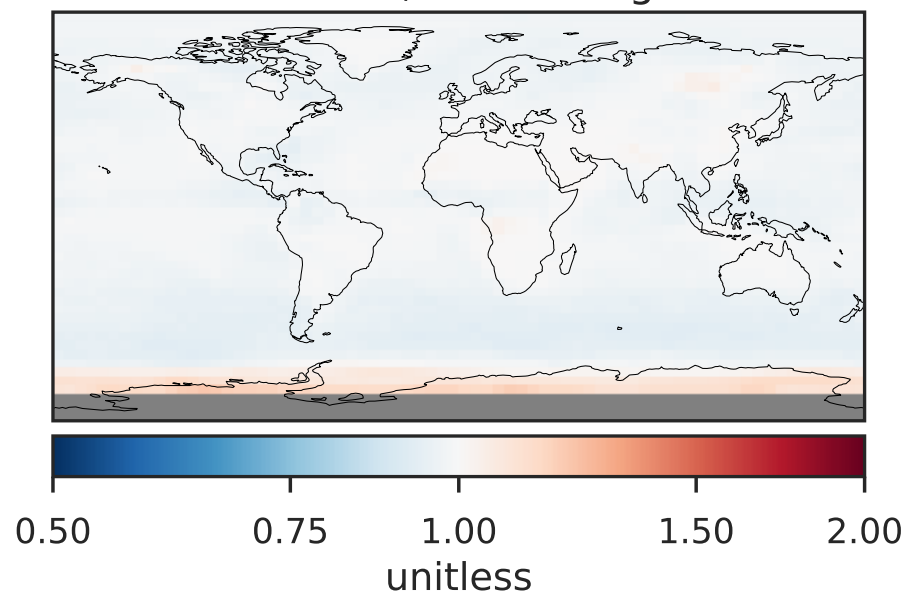
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

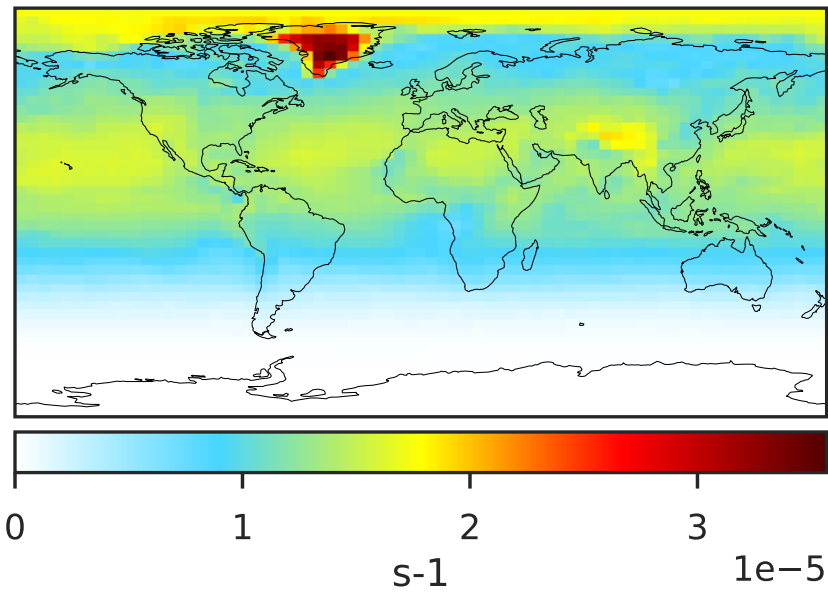


Ratio
Dev/Ref, Fixed Range

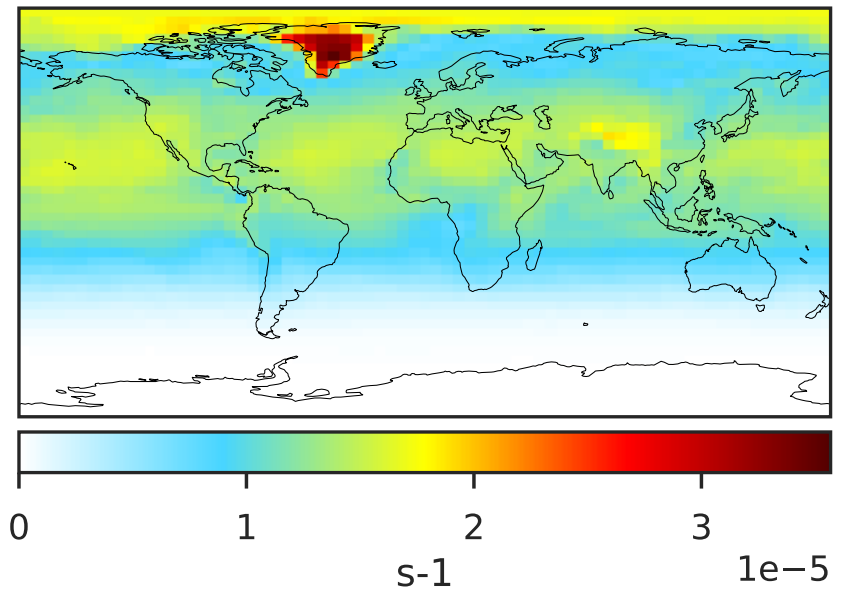


Jval_MVKN (Jul2019)

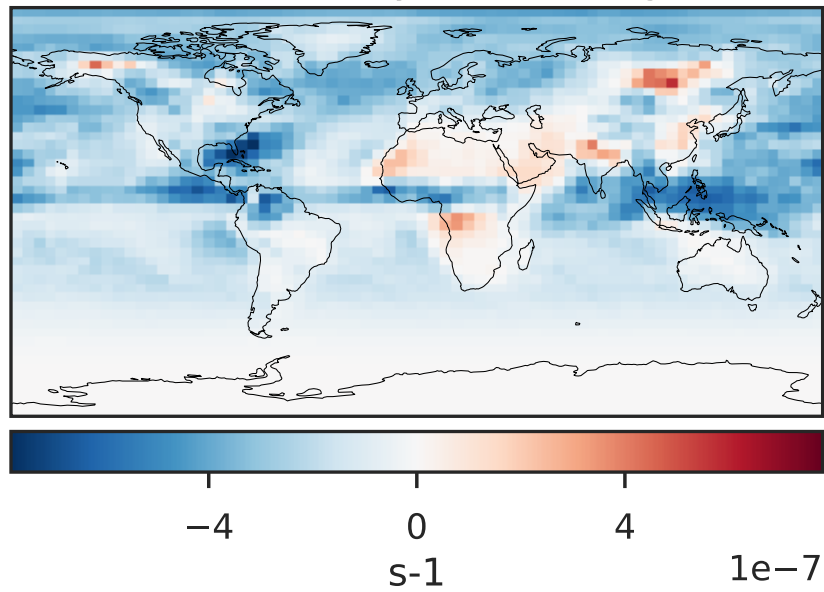
14.2.0-rc.2 (Ref)
4.0x5.0



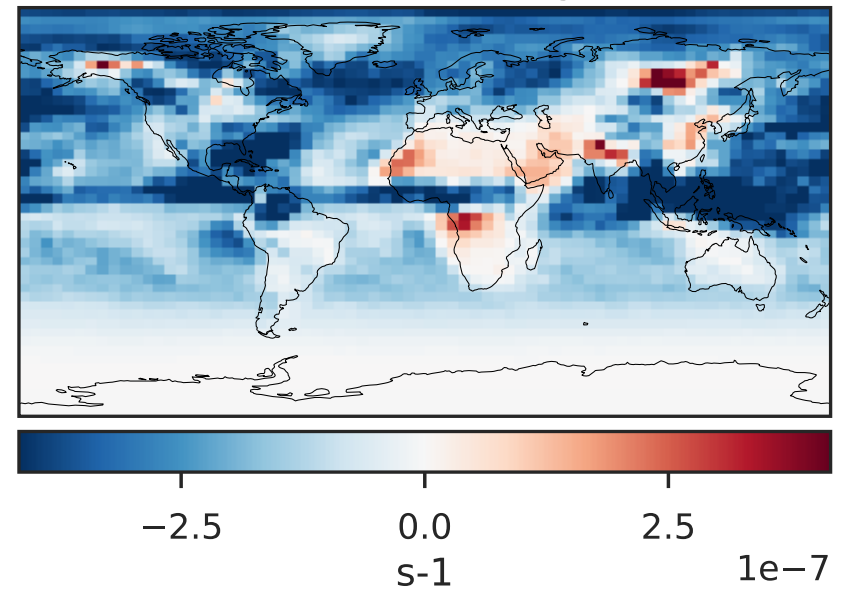
14.3.0-rc.0 (Dev)
4.0x5.0



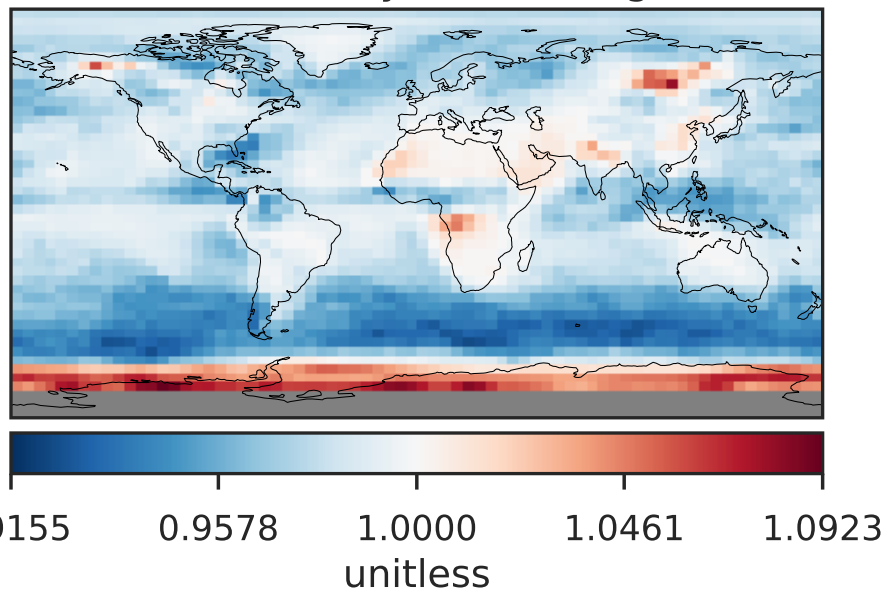
Difference
Dev - Ref, Dynamic Range



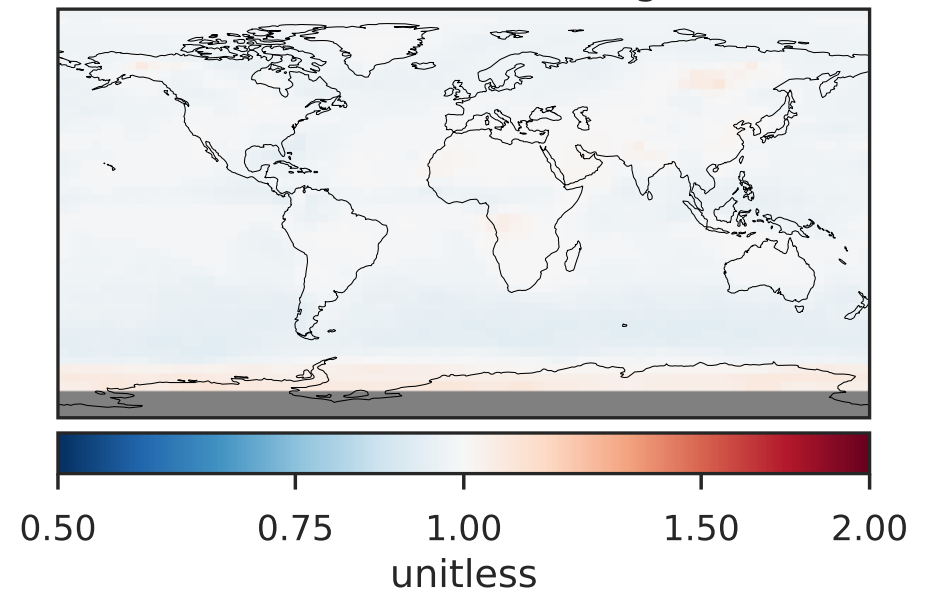
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

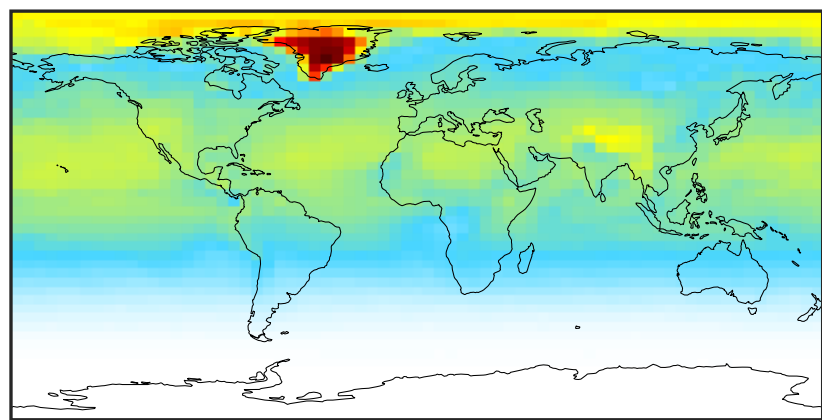


Ratio
Dev/Ref, Fixed Range



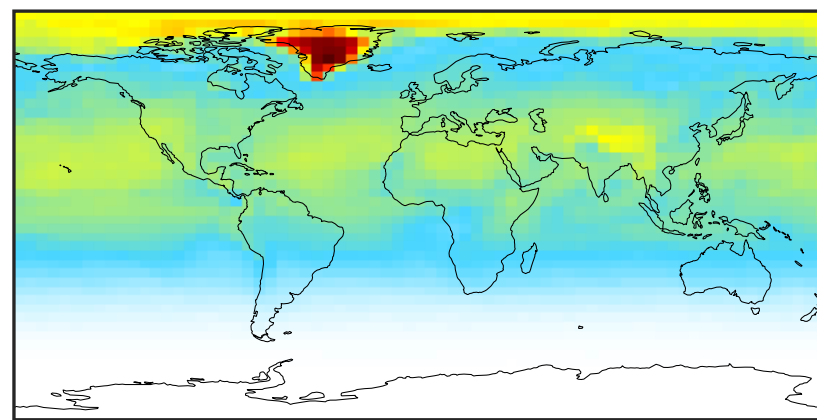
Jval_MVKPC (Jul2019)

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



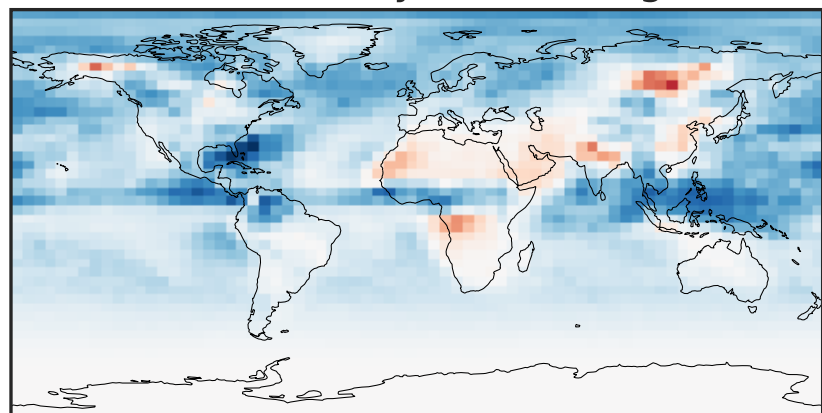
0.0 1.5 3.0 $1e-5$
s-1

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



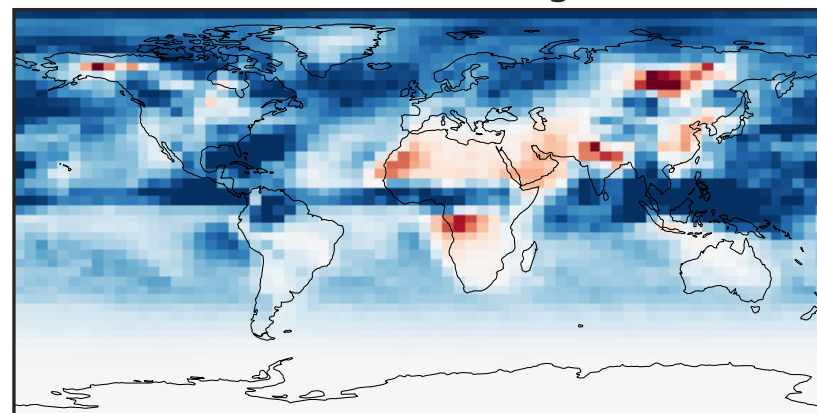
0.0 1.5 3.0 $1e-5$
s-1

Difference
Dev - Ref, Dynamic Range



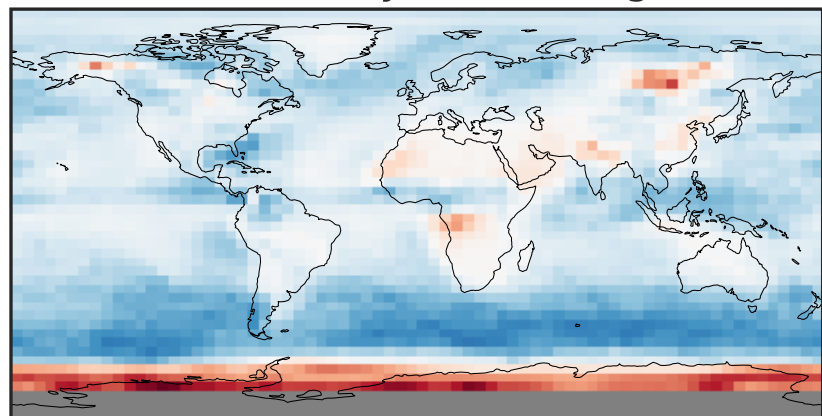
-5 0 5 $1e-7$
s-1

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



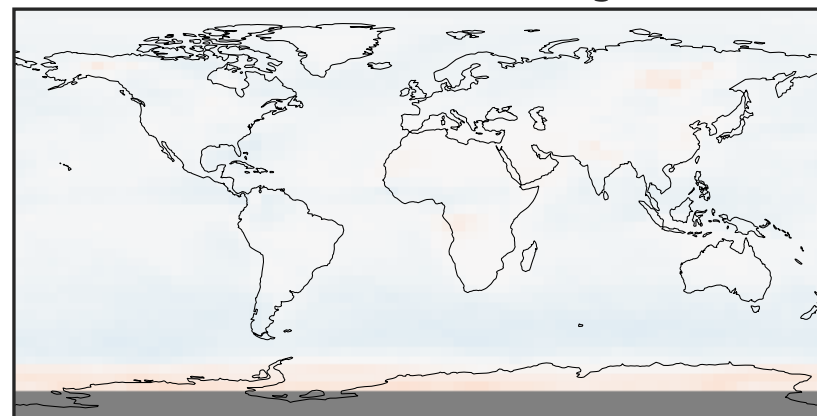
-3 0 3 $1e-7$
s-1

Ratio
Dev/Ref, Dynamic Range



0.8956 0.9478 1.0000 1.0583 1.1166
unitless

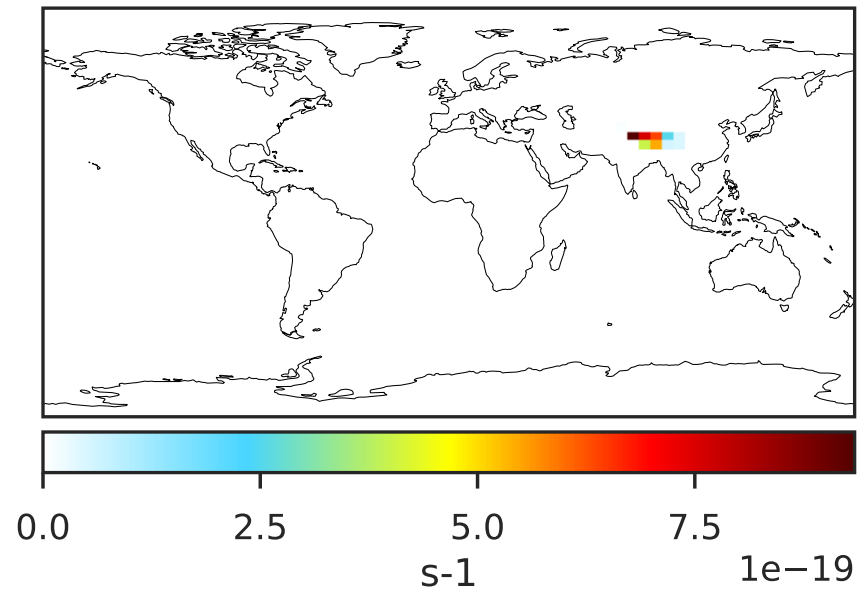
Ratio
Dev/Ref, Fixed Range



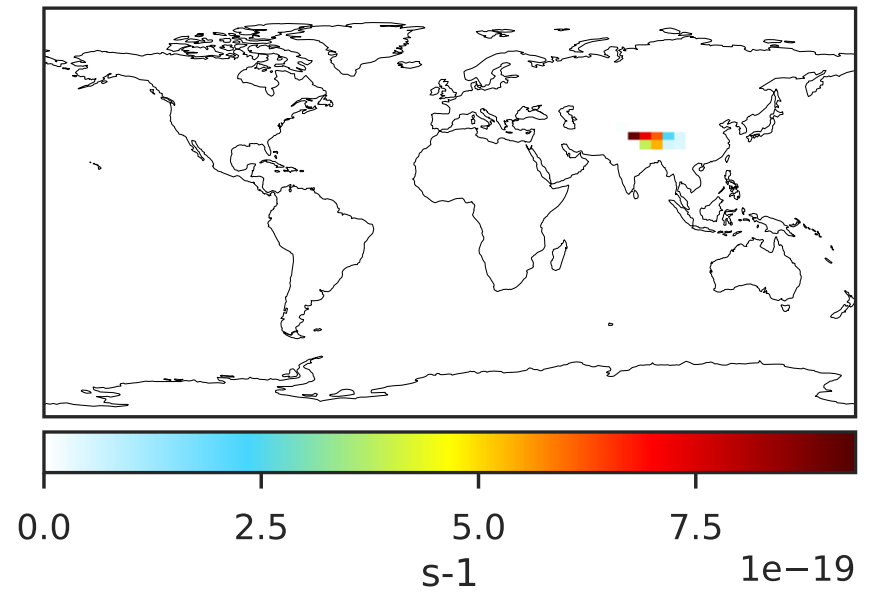
0.50 0.75 1.00 1.50 2.00
unitless

Jval_N2O (Jul2019)

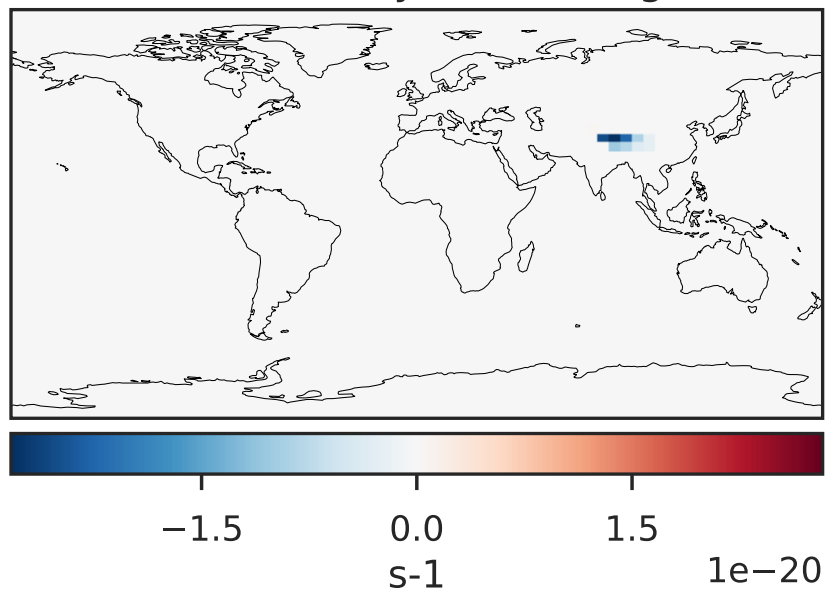
14.2.0-rc.2 (Ref)
4.0x5.0



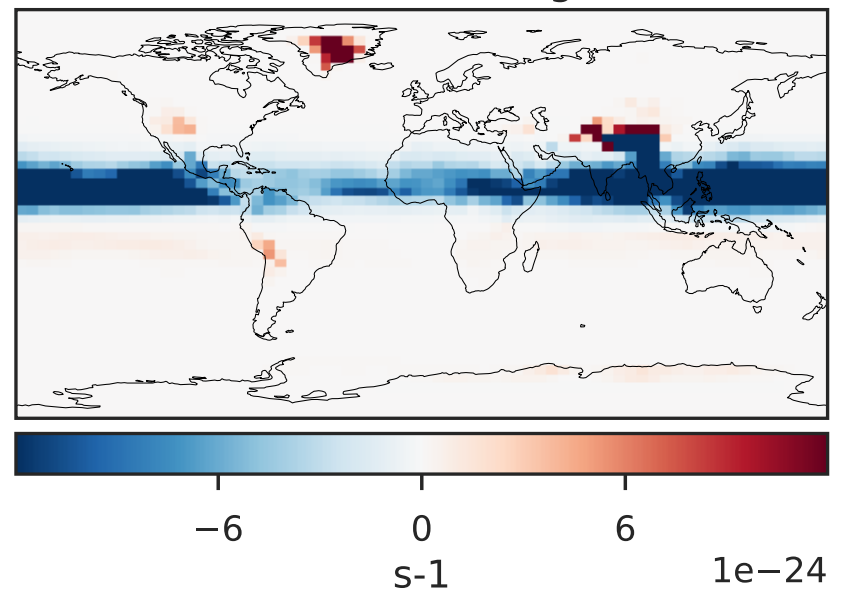
14.3.0-rc.0 (Dev)
4.0x5.0



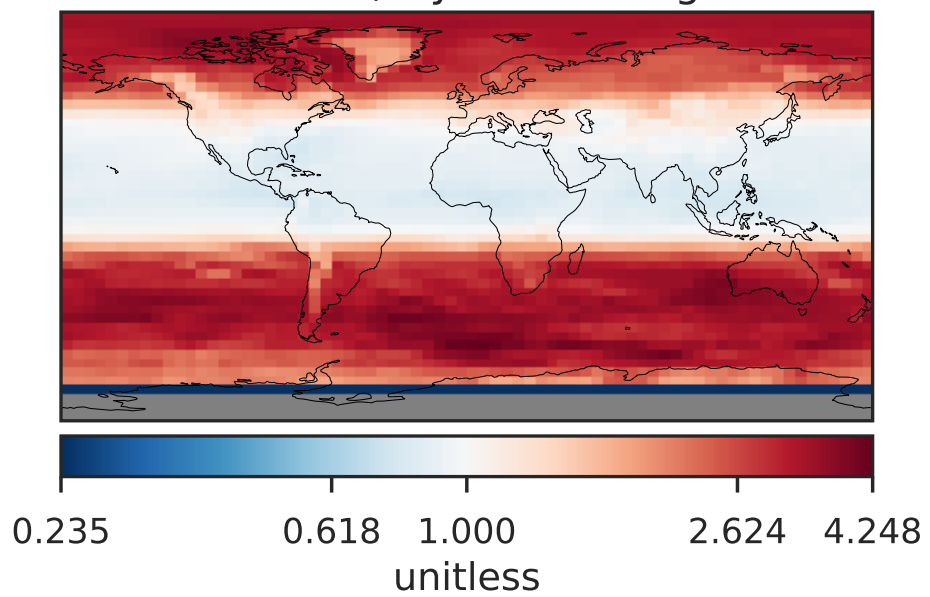
Difference
Dev - Ref, Dynamic Range



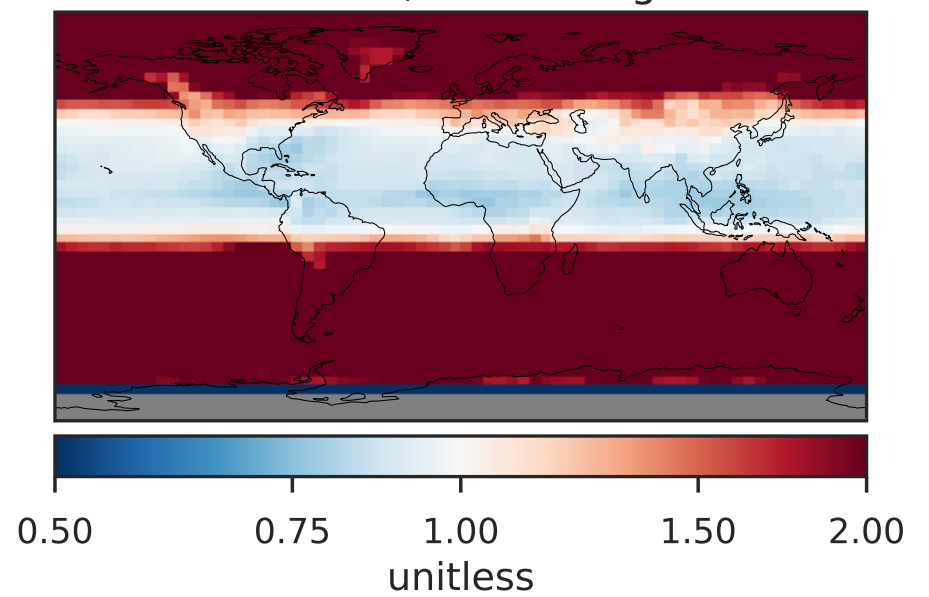
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

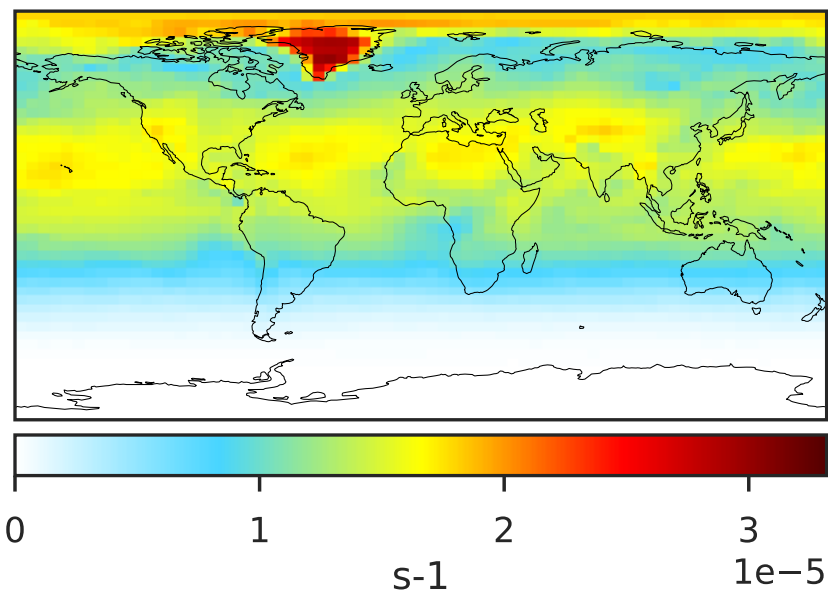


Ratio
Dev/Ref, Fixed Range

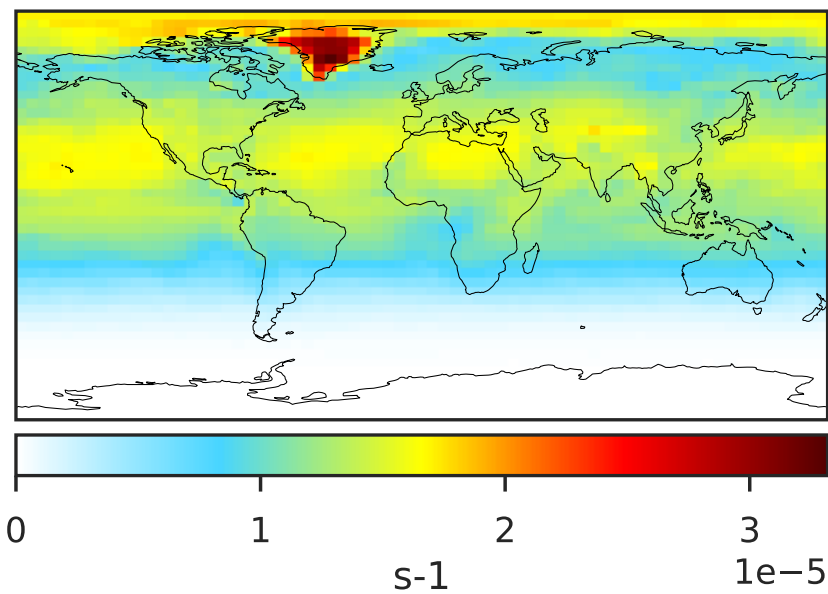


Jval_N2O5 (Jul2019)

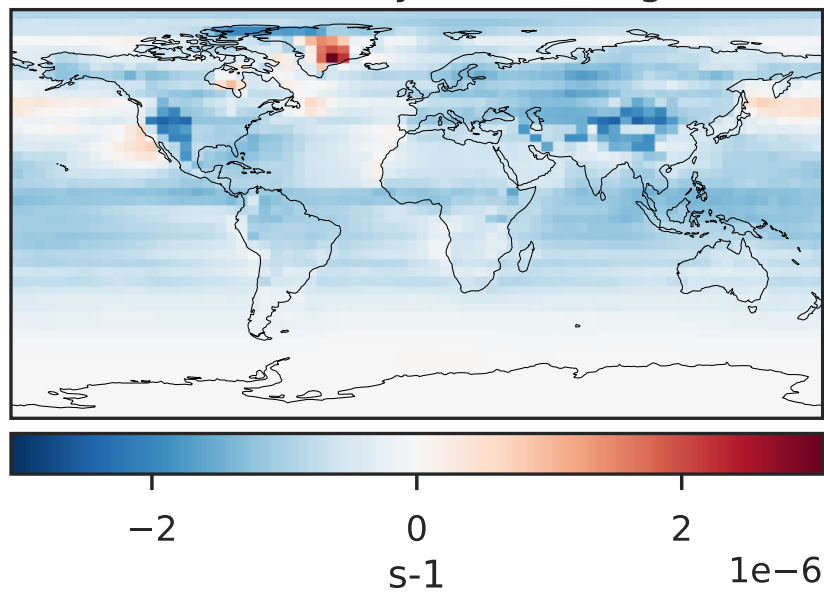
14.2.0-rc.2 (Ref)
4.0x5.0



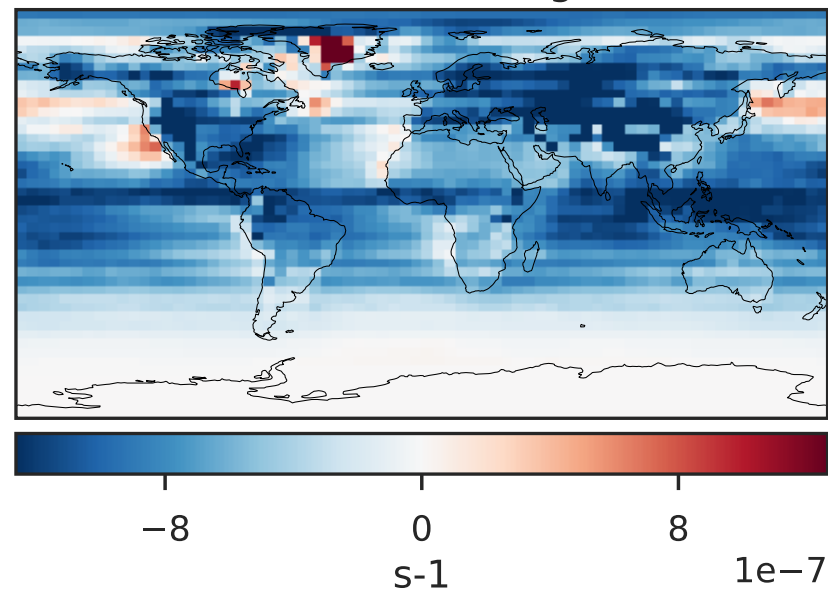
14.3.0-rc.0 (Dev)
4.0x5.0



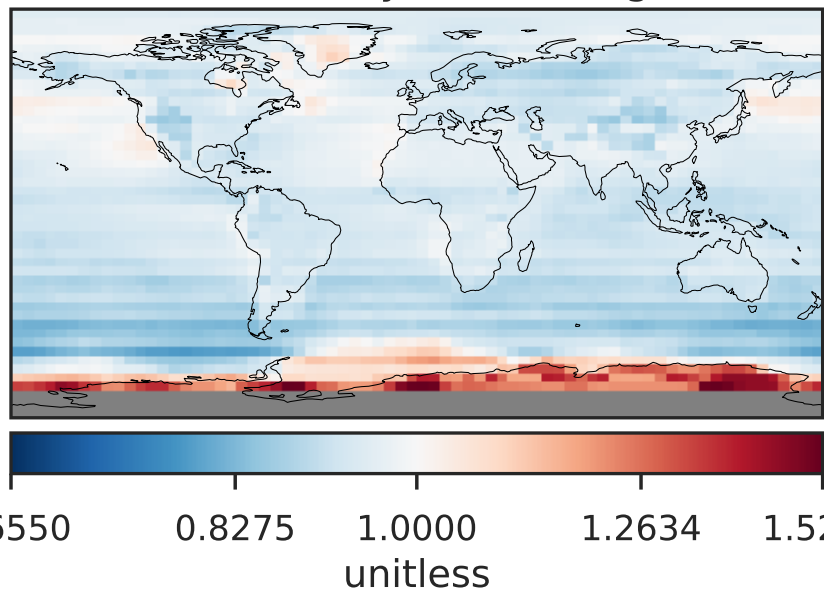
Difference
Dev - Ref, Dynamic Range



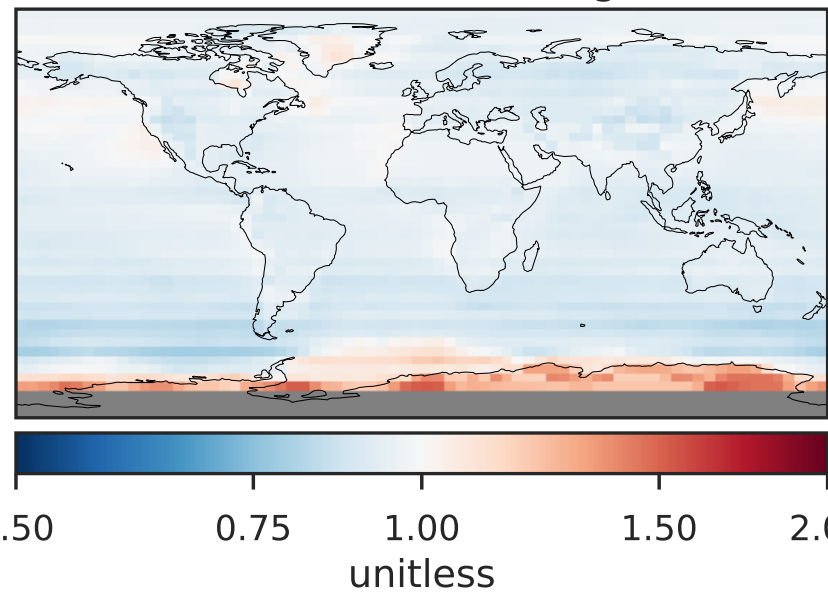
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

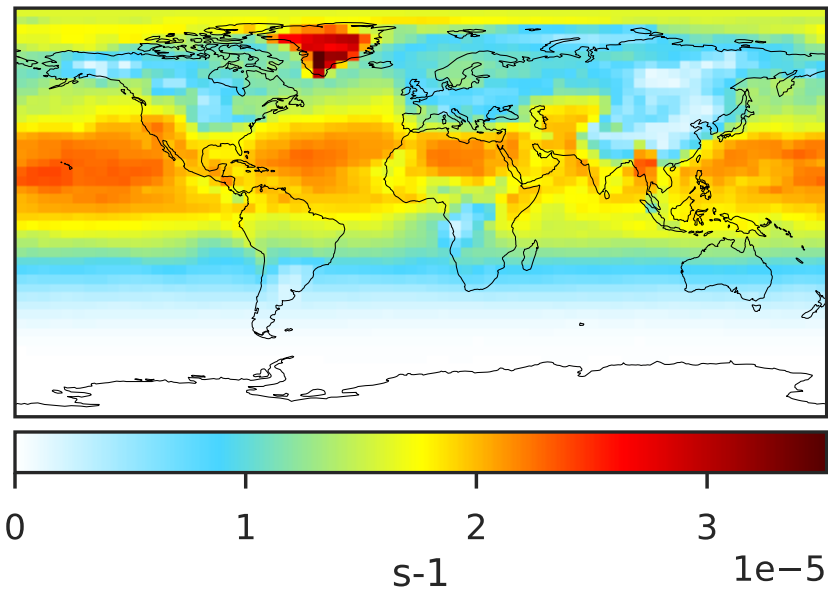


Ratio
Dev/Ref, Fixed Range

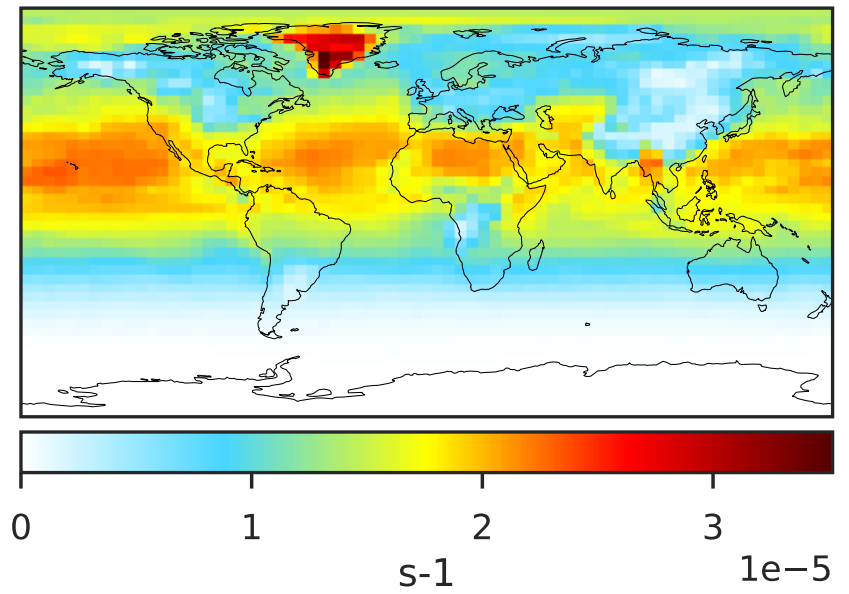


Jval_NIT (Jul2019)

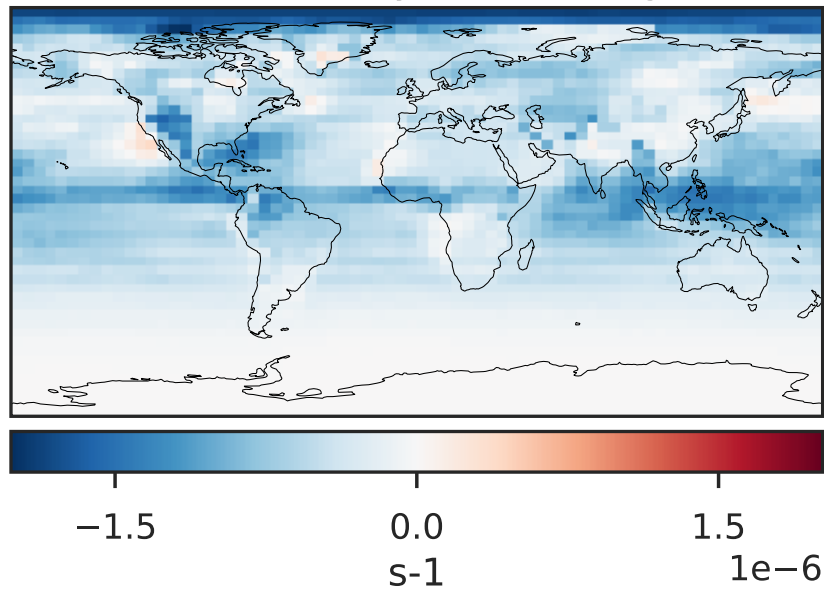
14.2.0-rc.2 (Ref)
4.0x5.0



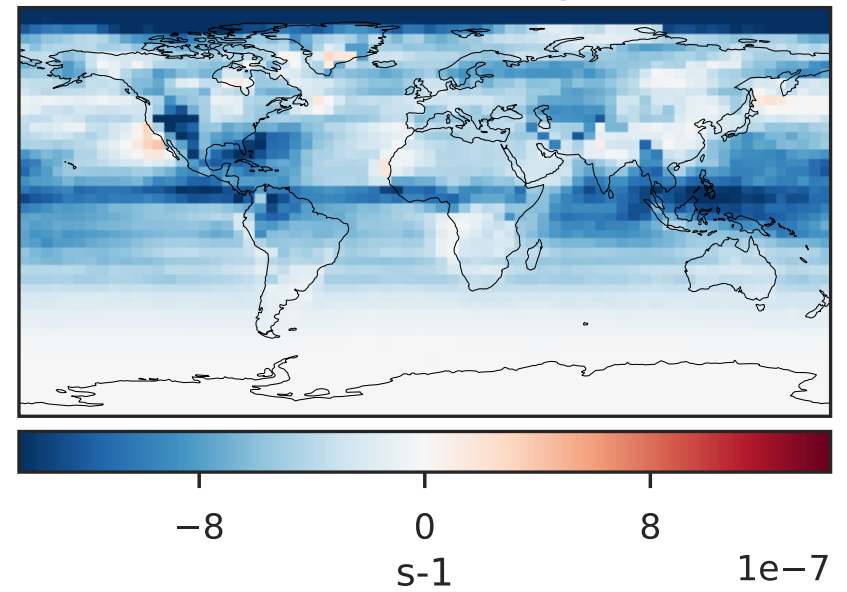
14.3.0-rc.0 (Dev)
4.0x5.0



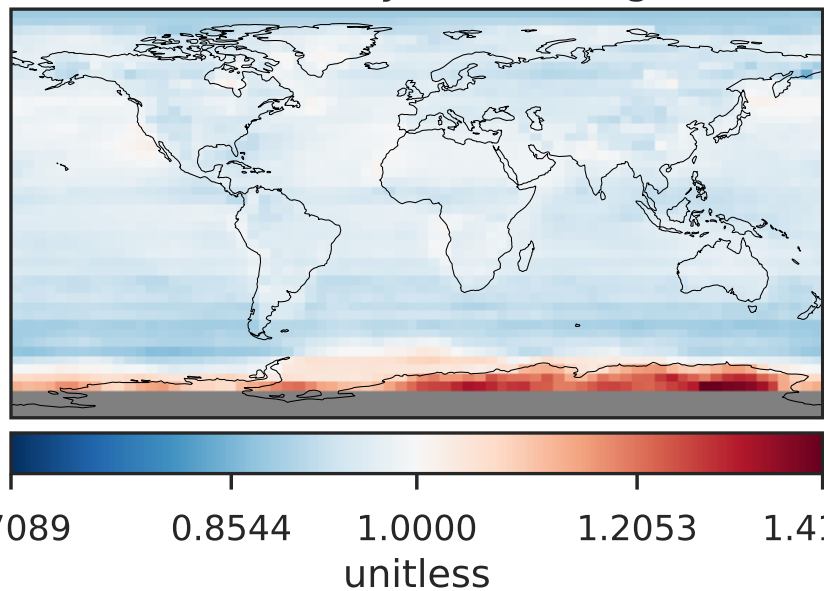
Difference
Dev - Ref, Dynamic Range



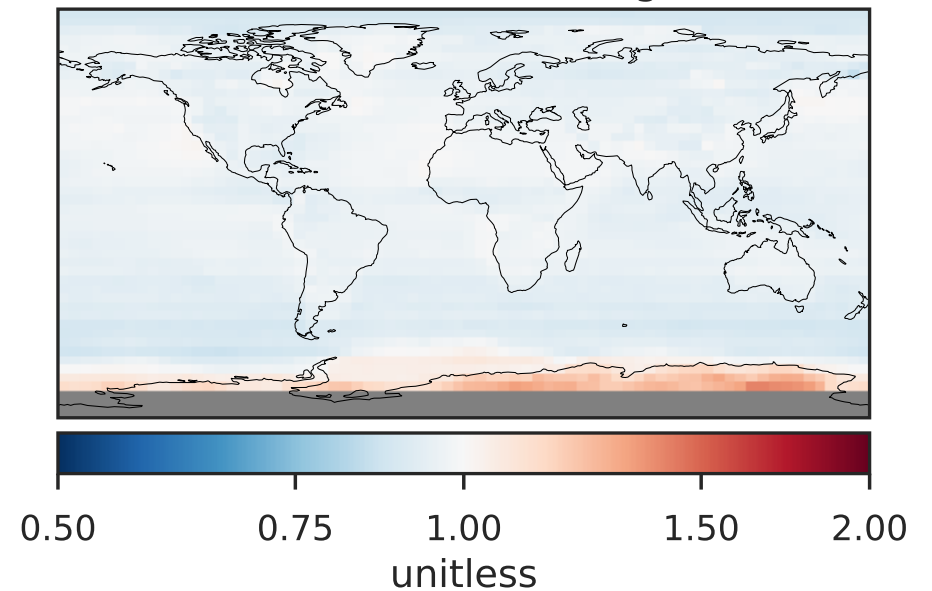
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

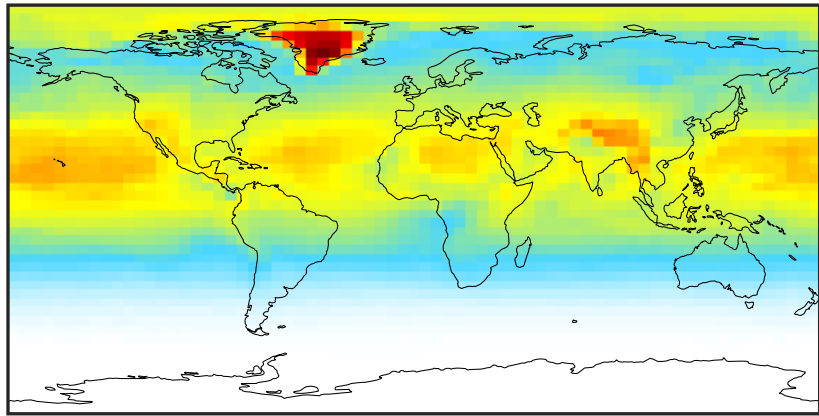


Ratio
Dev/Ref, Fixed Range



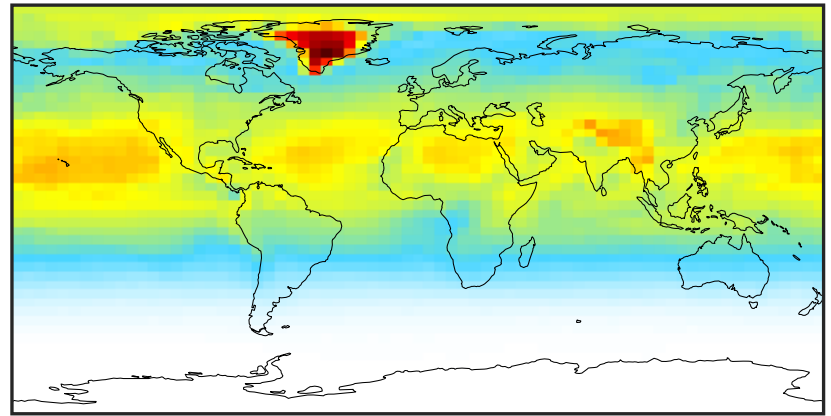
Jval_NITs (Jul2019)

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



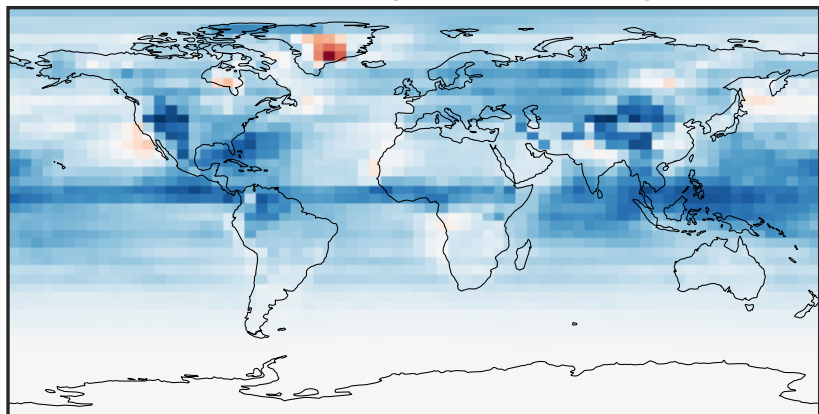
0.0 1.5 3.0 $1e-5$
s-1

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



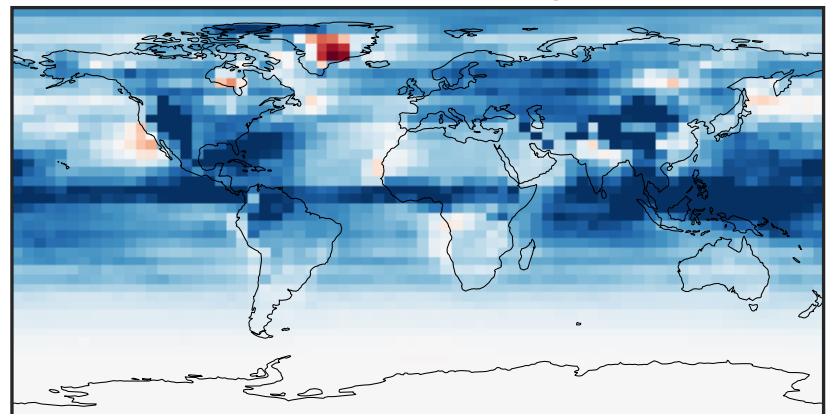
0.0 1.5 3.0 $1e-5$
s-1

Difference
Dev - Ref, Dynamic Range



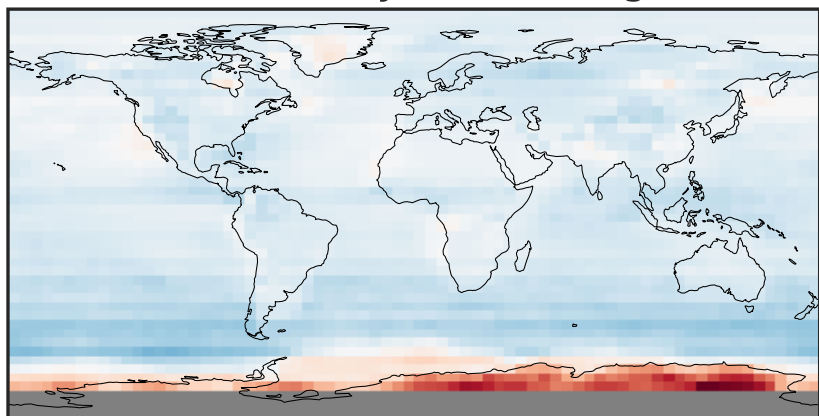
-1 0 1 $1e-6$
s-1

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



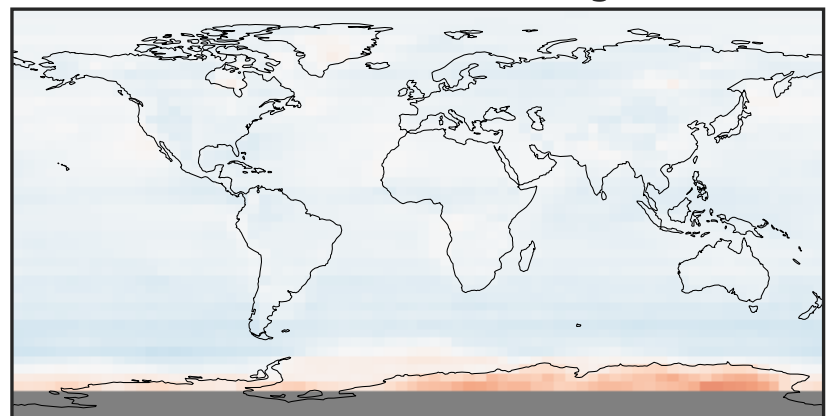
-6 0 6 $1e-7$
s-1

Ratio
Dev/Ref, Dynamic Range



0.7280 0.8640 1.0000 1.1869 1.3737
unitless

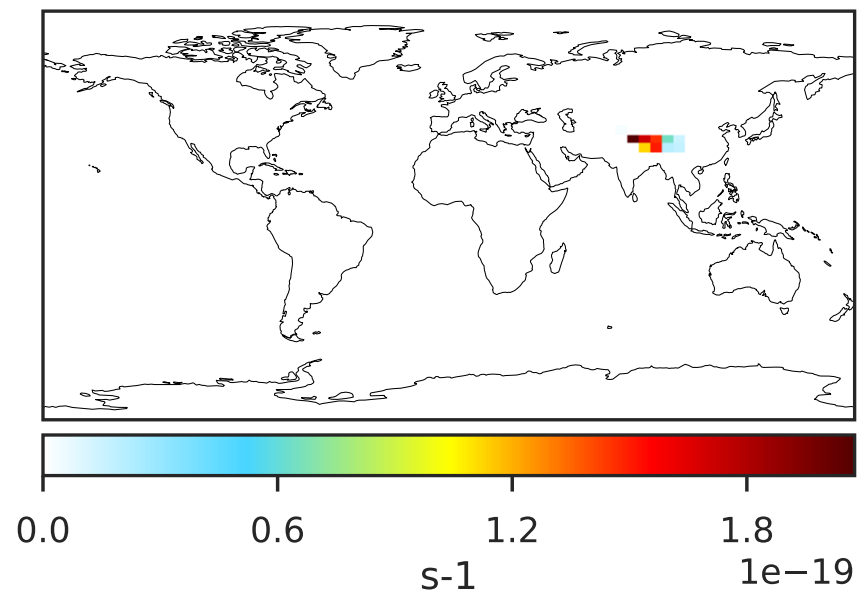
Ratio
Dev/Ref, Fixed Range



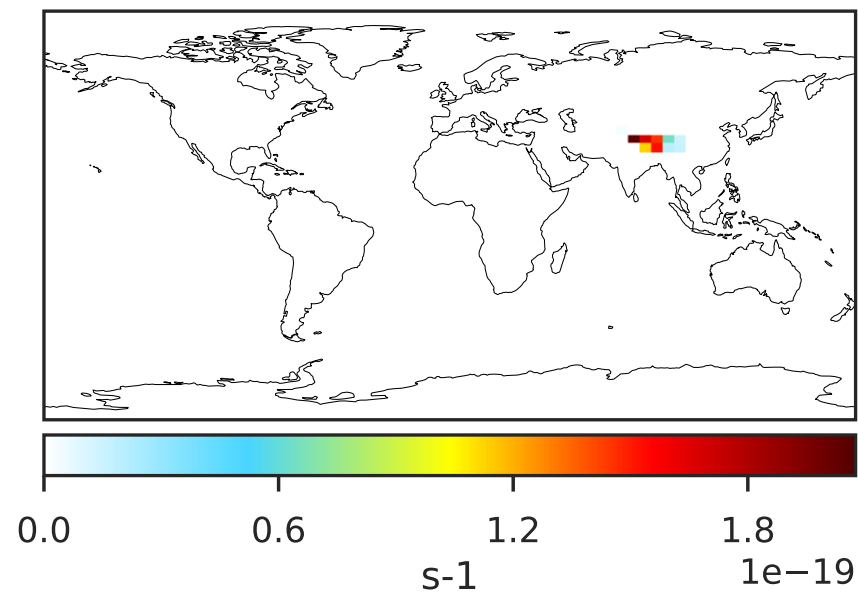
0.50 0.75 1.00 1.50 2.00
unitless

Jval_NO (Jul2019)

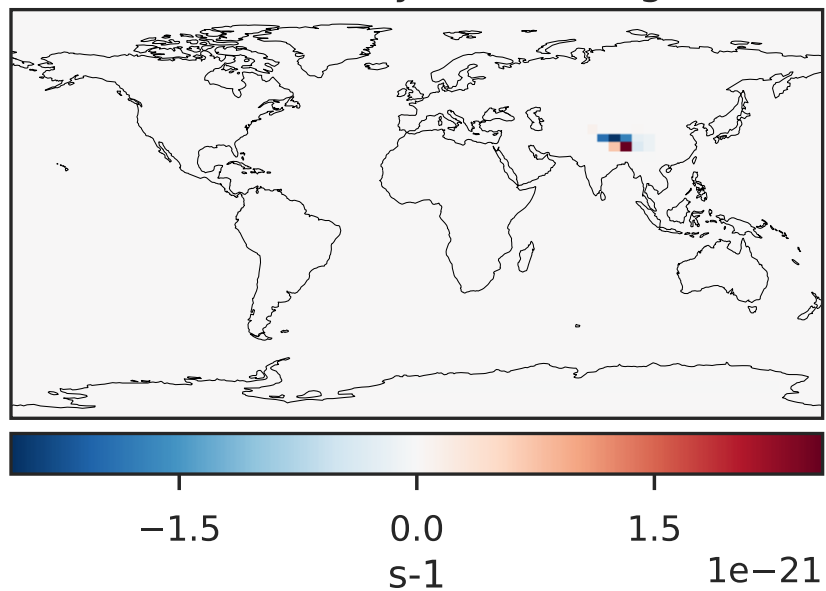
14.2.0-rc.2 (Ref)
4.0x5.0



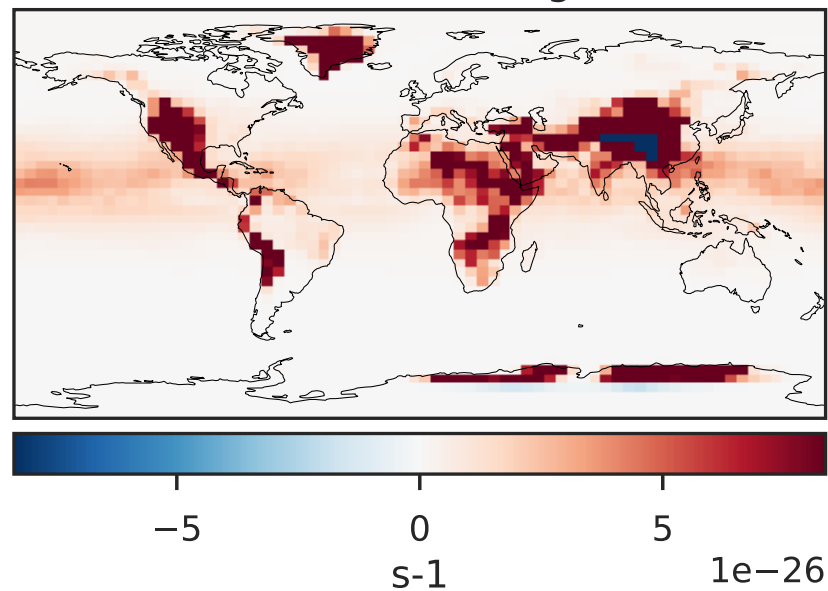
14.3.0-rc.0 (Dev)
4.0x5.0



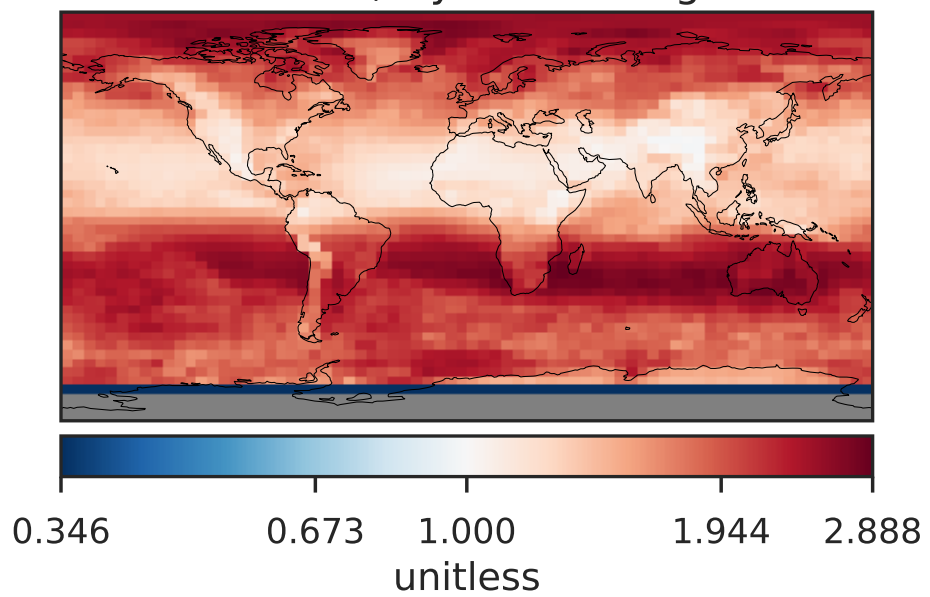
Difference
Dev - Ref, Dynamic Range



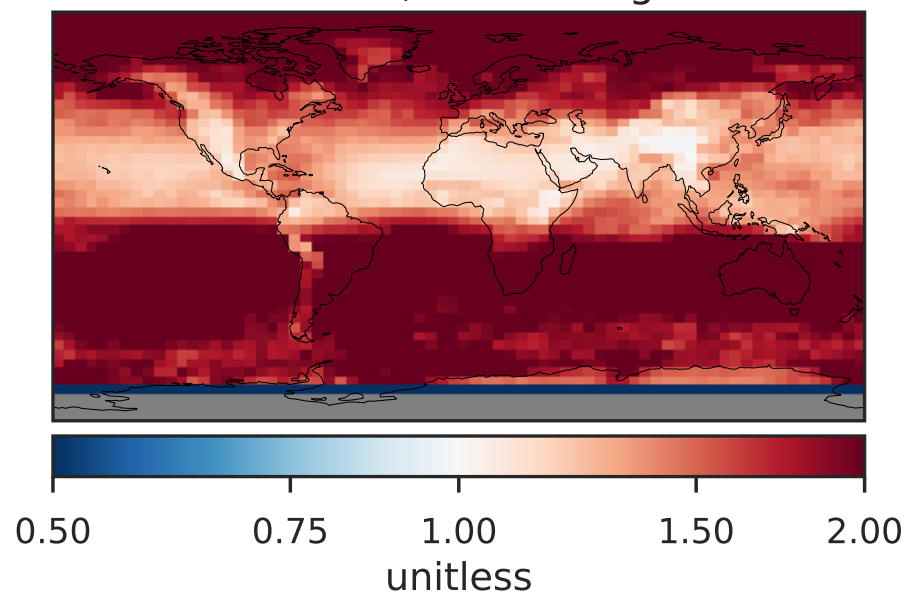
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

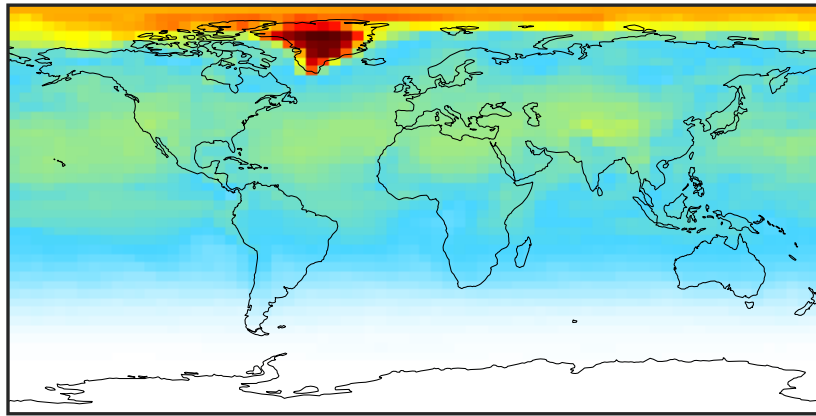


Ratio
Dev/Ref, Fixed Range



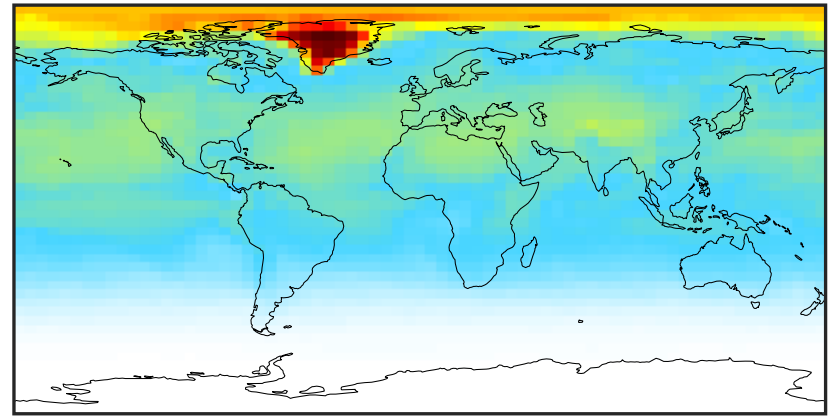
Jval_NO2 (Jul2019)

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



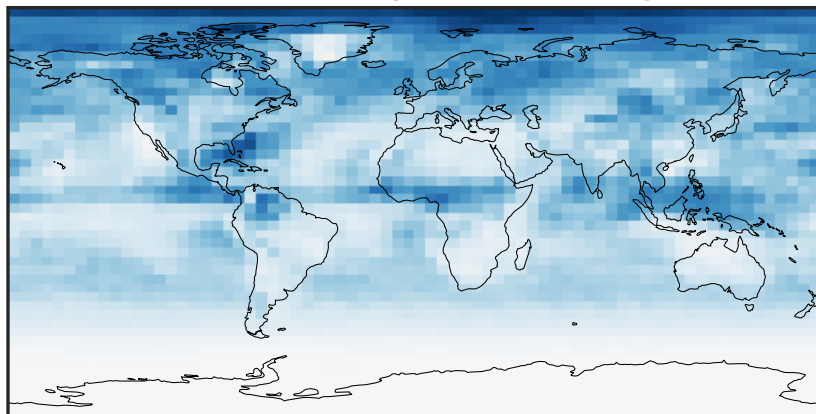
0.000 0.003 0.006 0.009
s-1

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



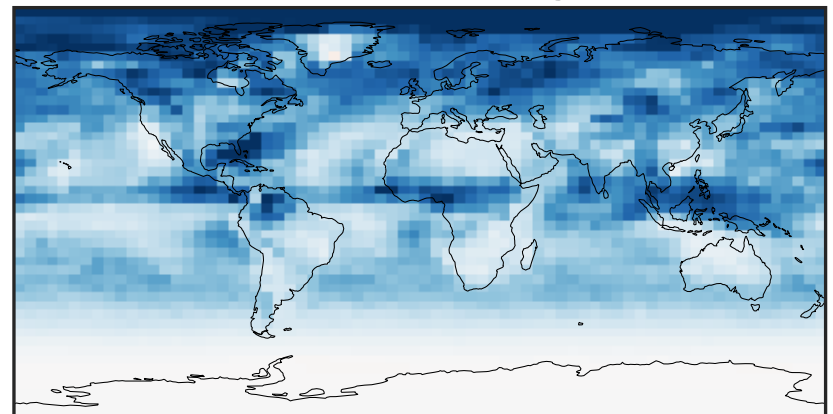
0.000 0.003 0.006 0.009
s-1

Difference
Dev - Ref, Dynamic Range



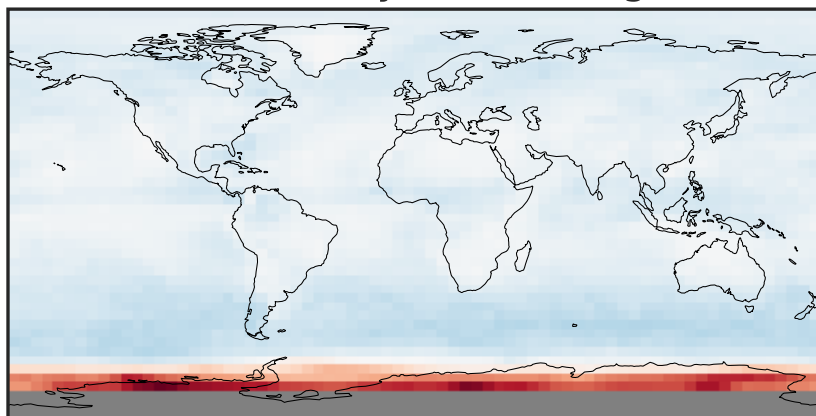
-0.00015 0.00000 0.00015
s-1

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



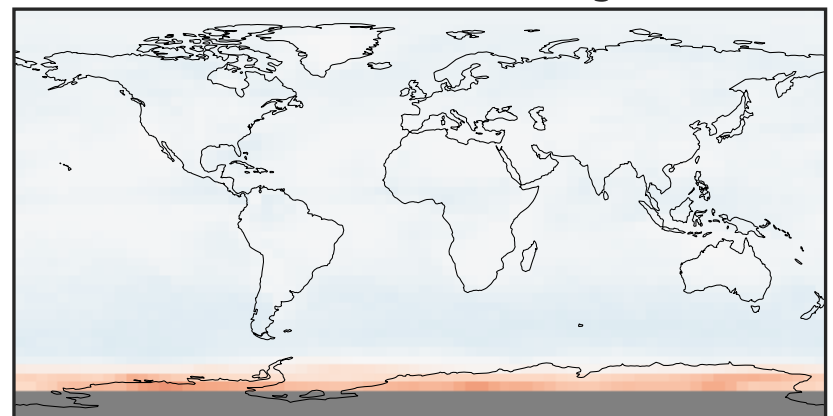
-0.0001 0.0000 0.0001
s-1

Ratio
Dev/Ref, Dynamic Range



0.7332 0.8666 1.0000 1.1820 1.3639
unitless

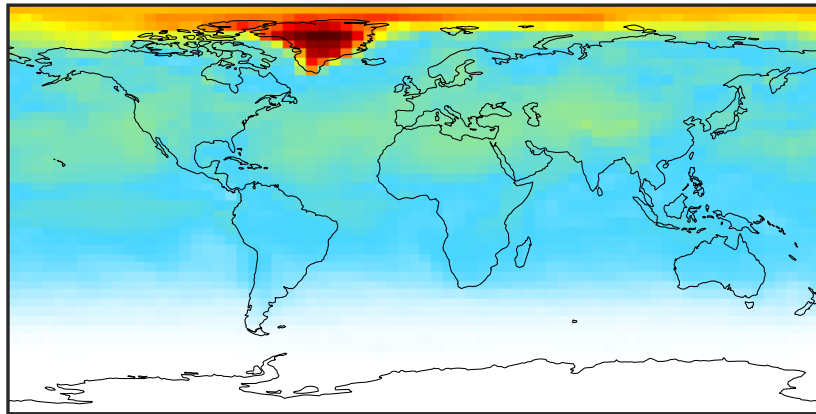
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

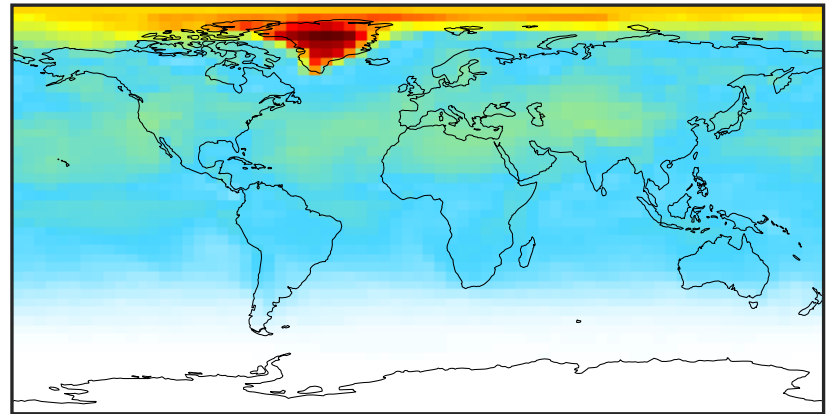
Jval_NO3 (Jul2019)

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



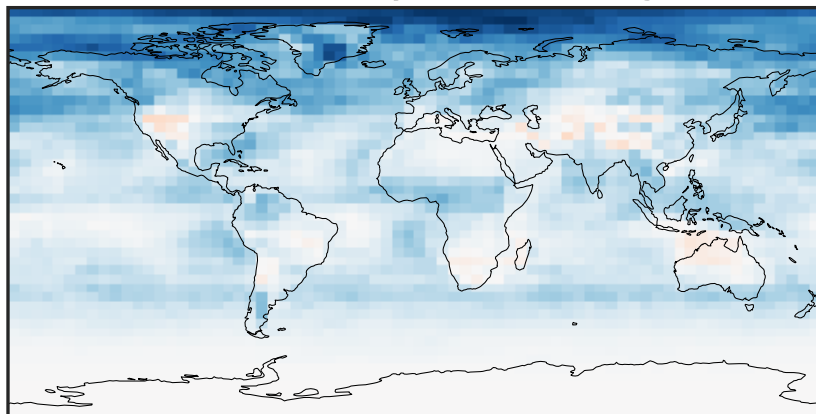
0.0000 0.0721 0.1442 0.2163 0.2884
s-1

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



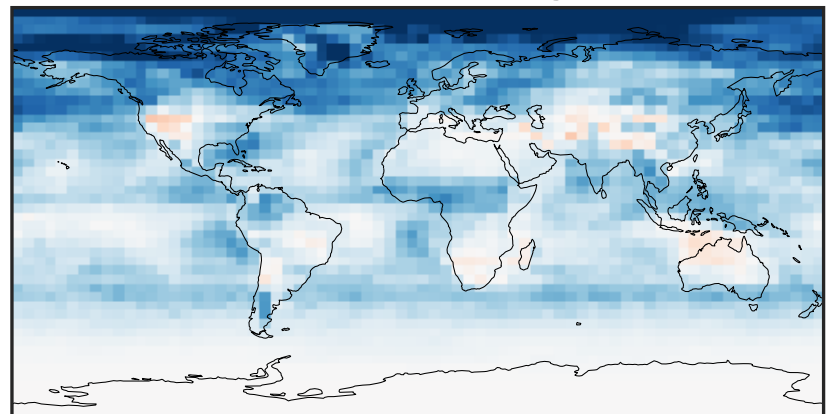
0.0000 0.0721 0.1442 0.2163 0.2884
s-1

Difference
Dev - Ref, Dynamic Range



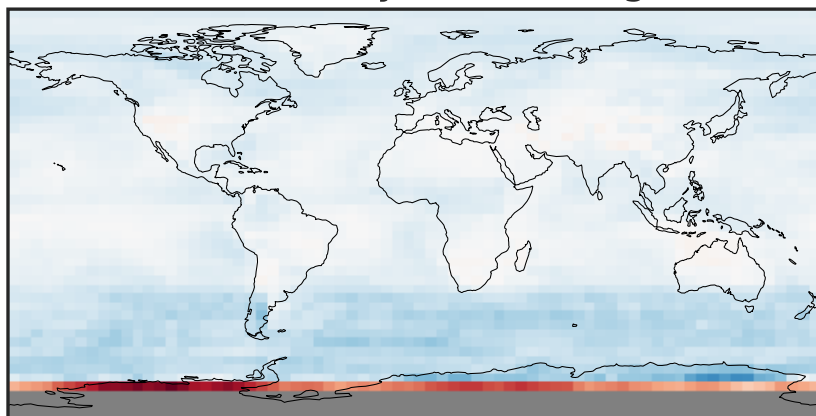
-0.005 0.000 0.005
s-1

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



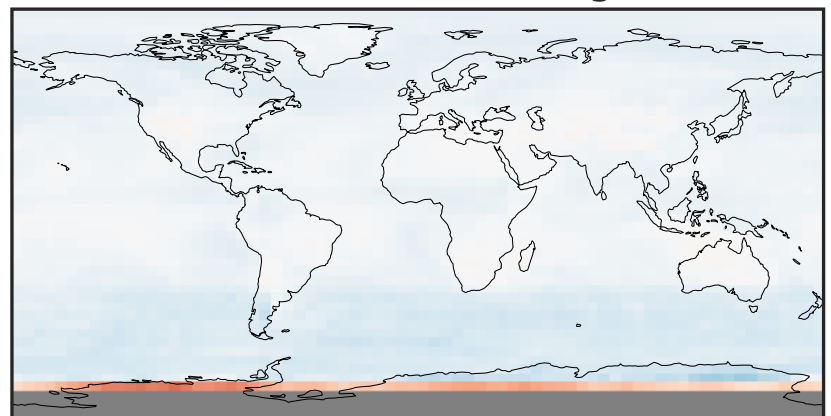
-0.004 0.000 0.004
s-1

Ratio
Dev/Ref, Dynamic Range



0.6780 0.8390 1.0000 1.2375 1.4750
unitless

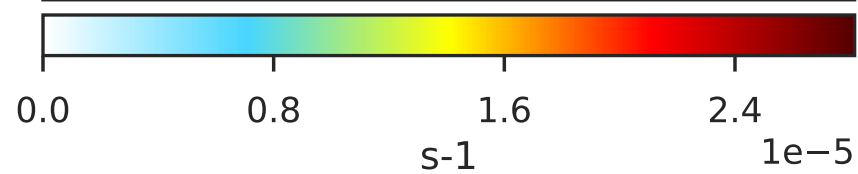
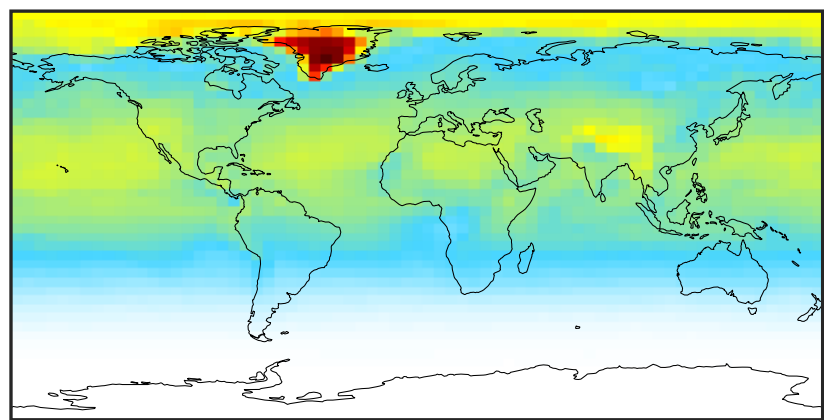
Ratio
Dev/Ref, Fixed Range



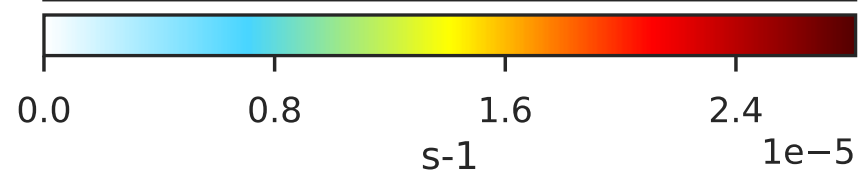
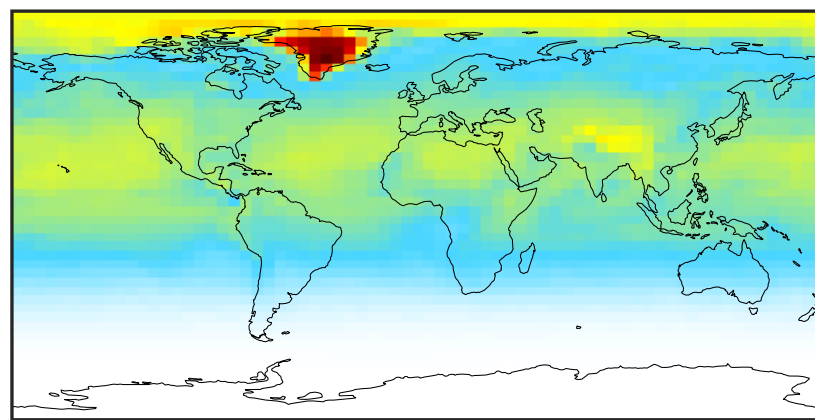
0.50 0.75 1.00 1.50 2.00
unitless

Jval_NPHEN (Jul2019)

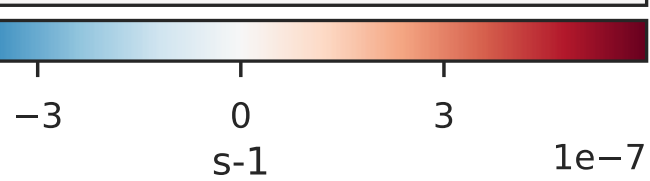
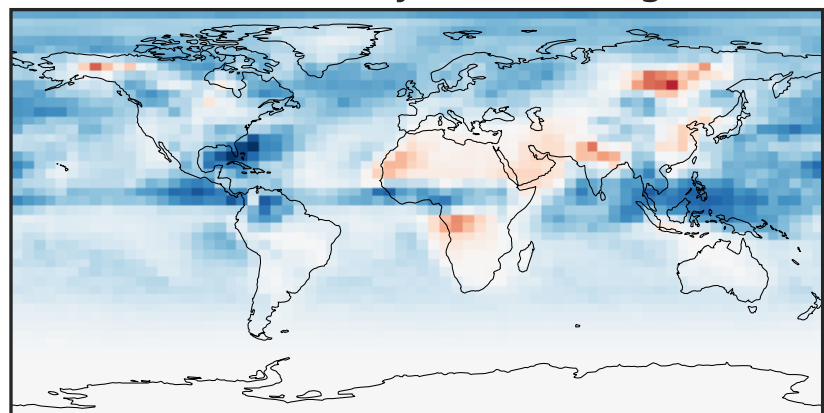
14.2.0-rc.2 (Ref)
4.0x5.0



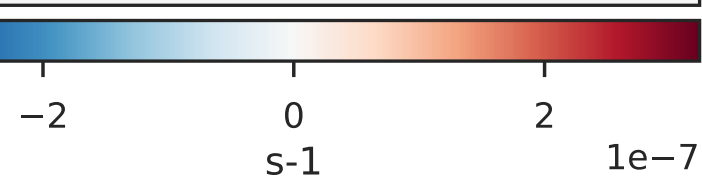
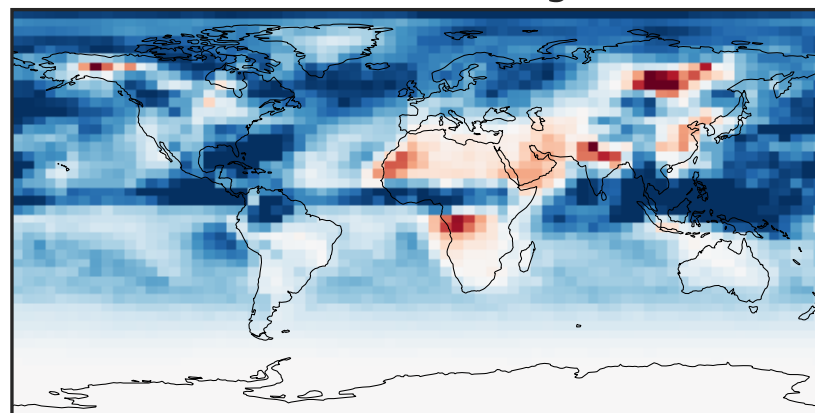
14.3.0-rc.0 (Dev)
4.0x5.0



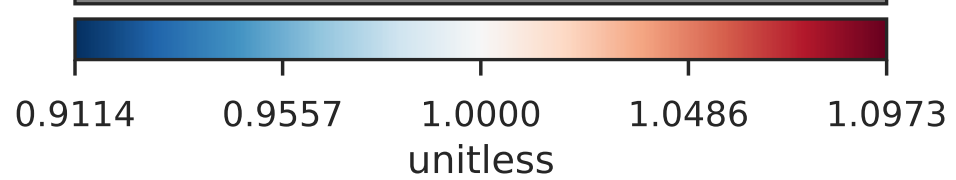
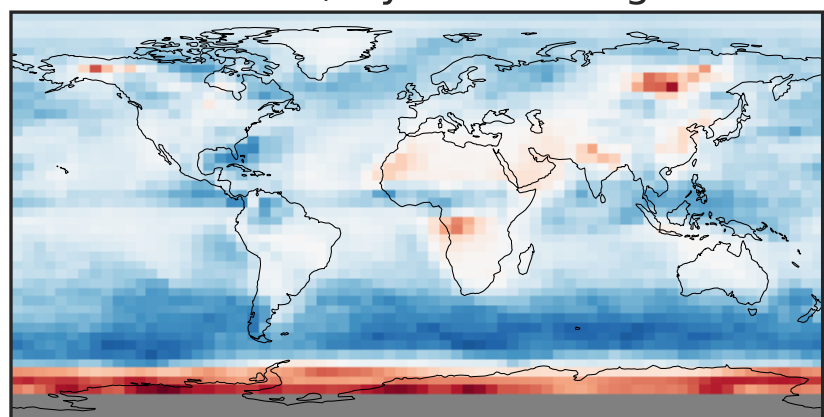
Difference
Dev - Ref, Dynamic Range



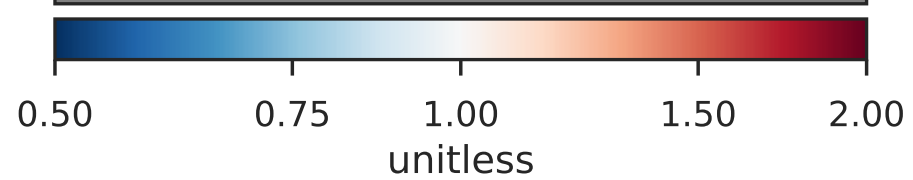
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

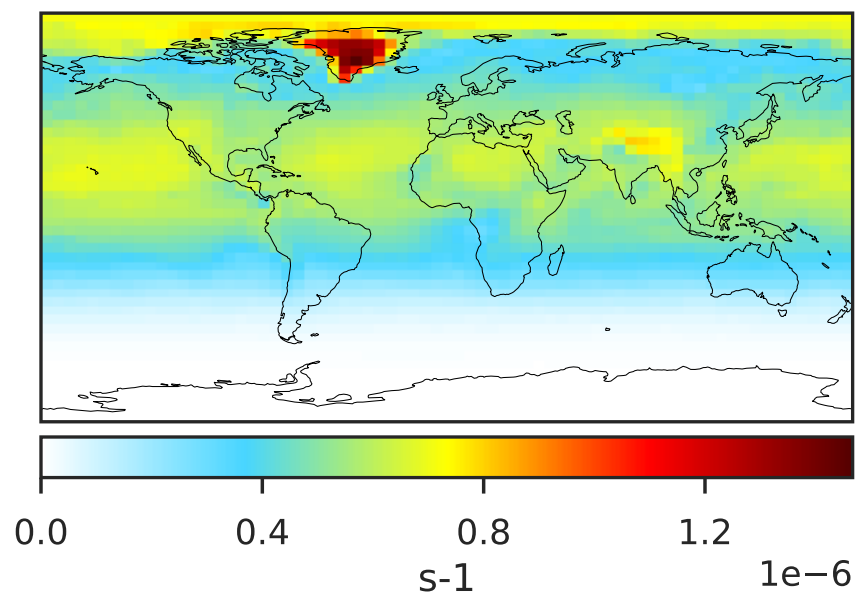


Ratio
Dev/Ref, Fixed Range

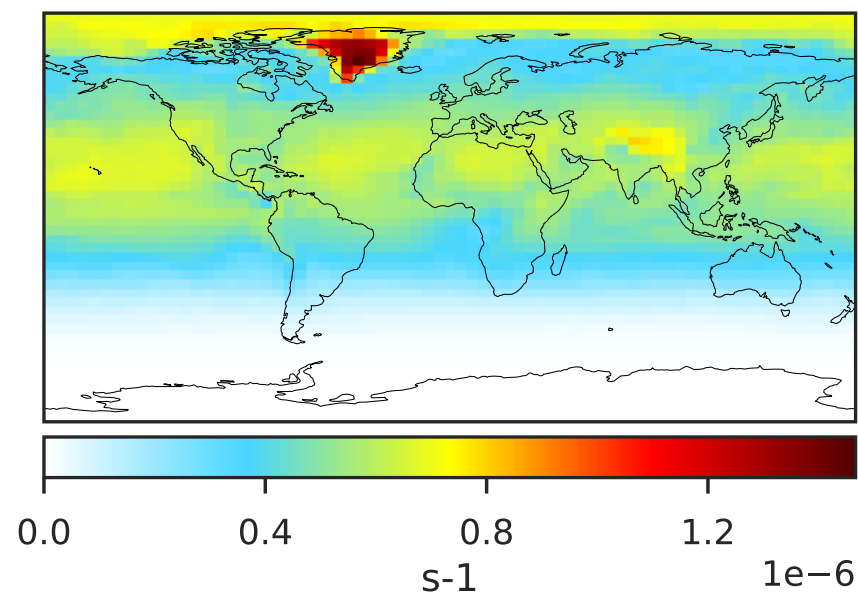


Jval_NPRNO3 (Jul2019)

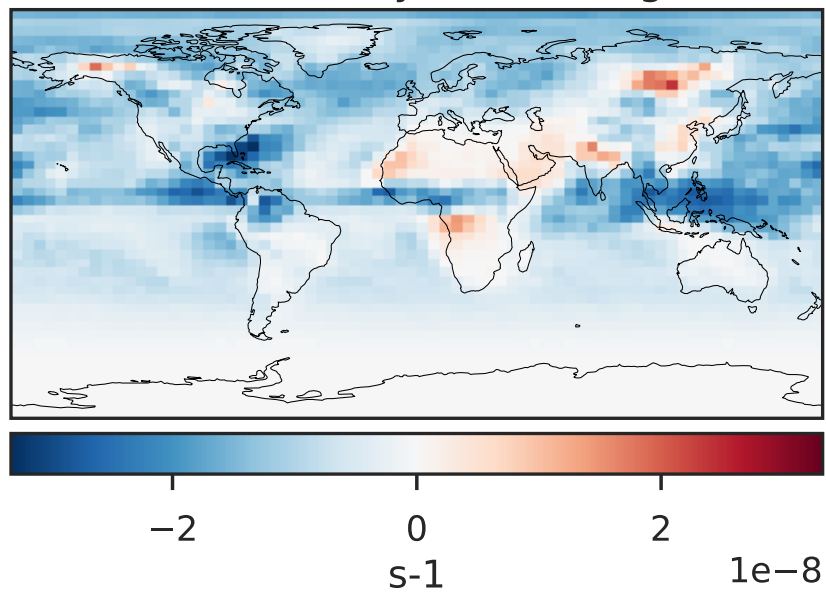
14.2.0-rc.2 (Ref)
4.0x5.0



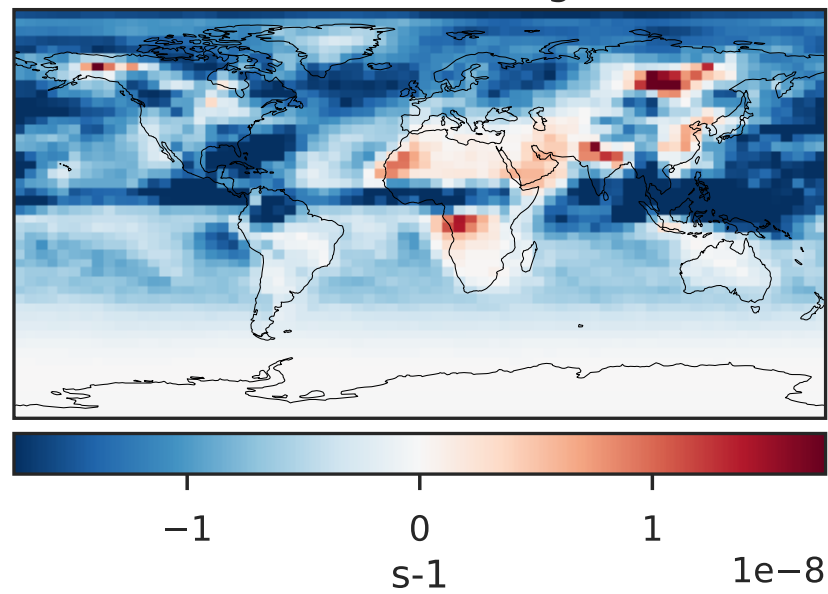
14.3.0-rc.0 (Dev)
4.0x5.0



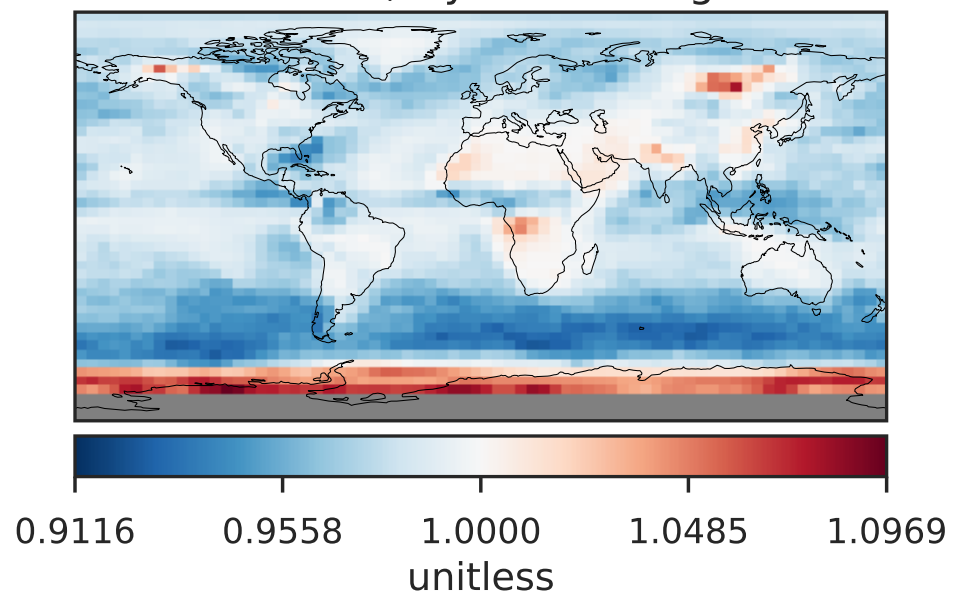
Difference
Dev - Ref, Dynamic Range



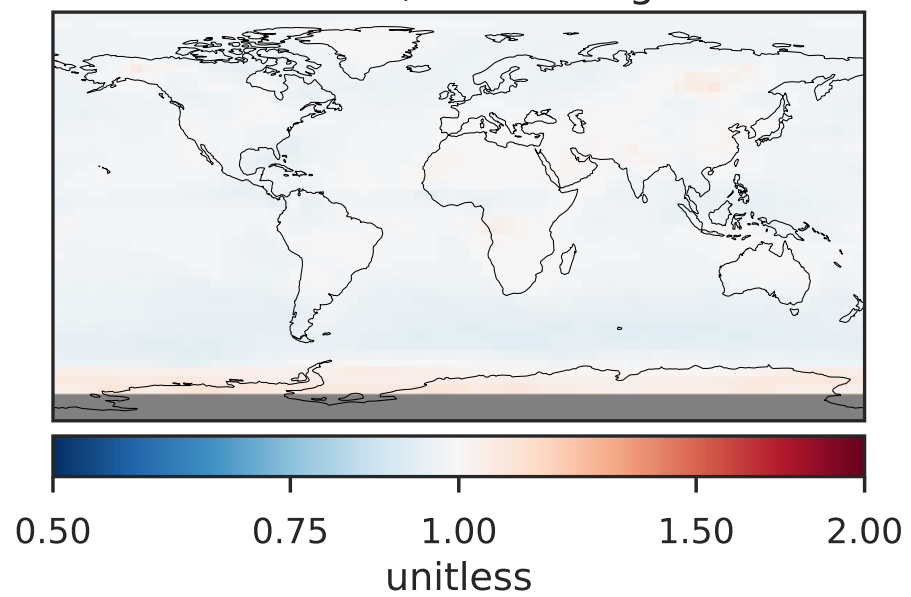
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

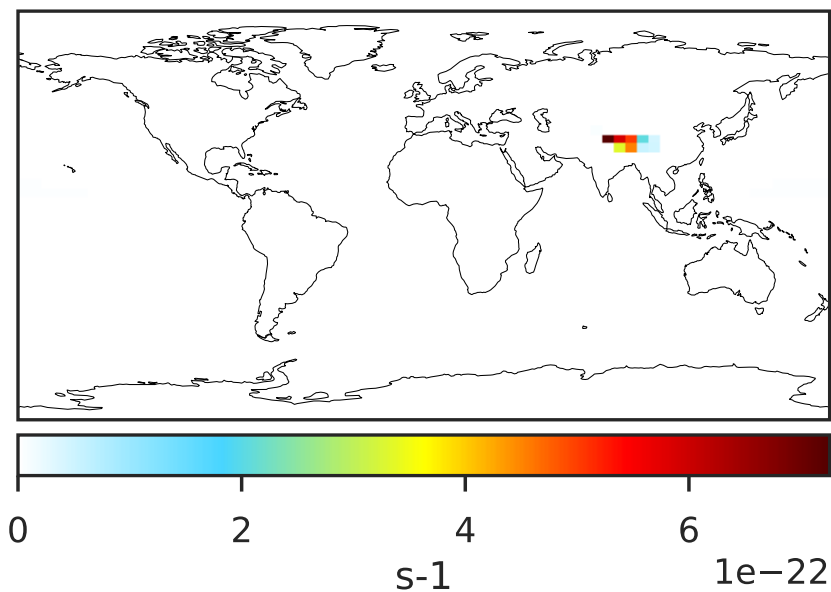


Ratio
Dev/Ref, Fixed Range

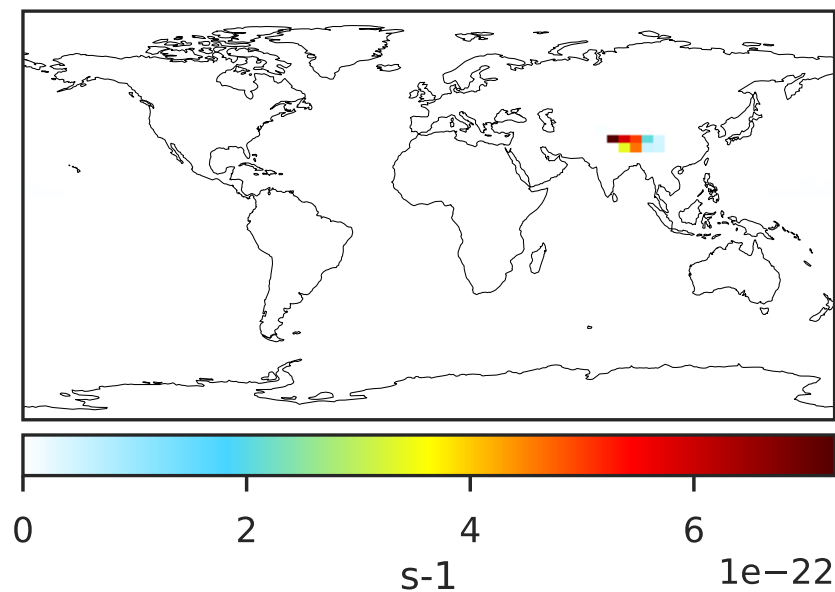


Jval_O2 (Jul2019)

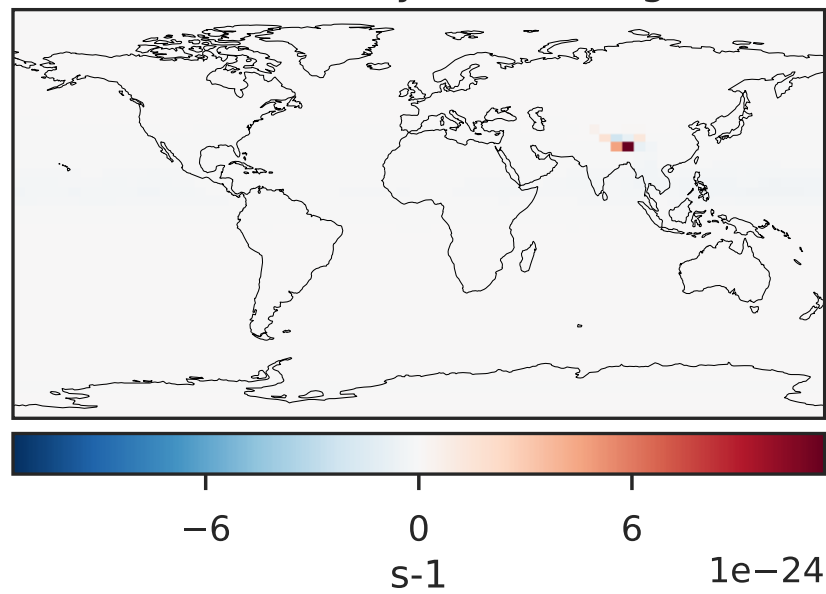
14.2.0-rc.2 (Ref)
4.0x5.0



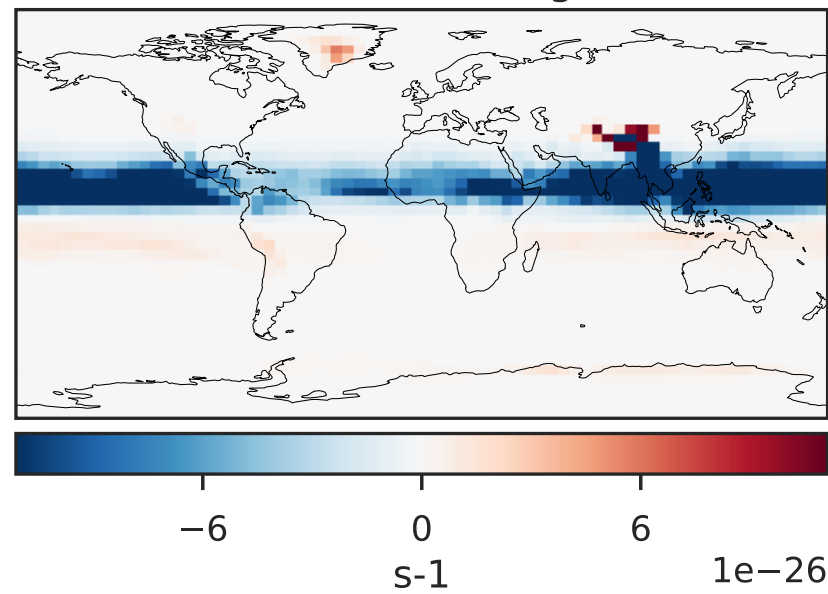
14.3.0-rc.0 (Dev)
4.0x5.0



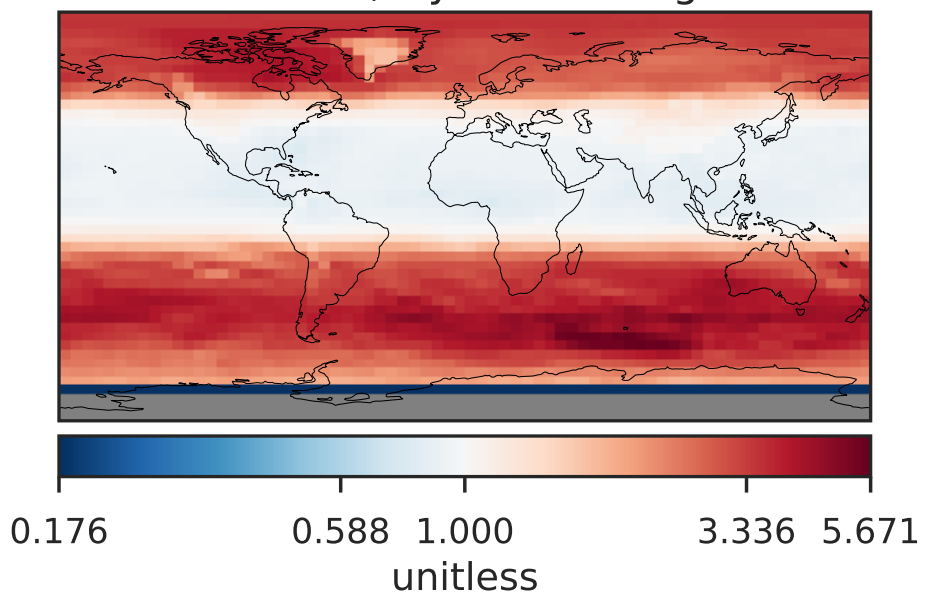
Difference
Dev - Ref, Dynamic Range



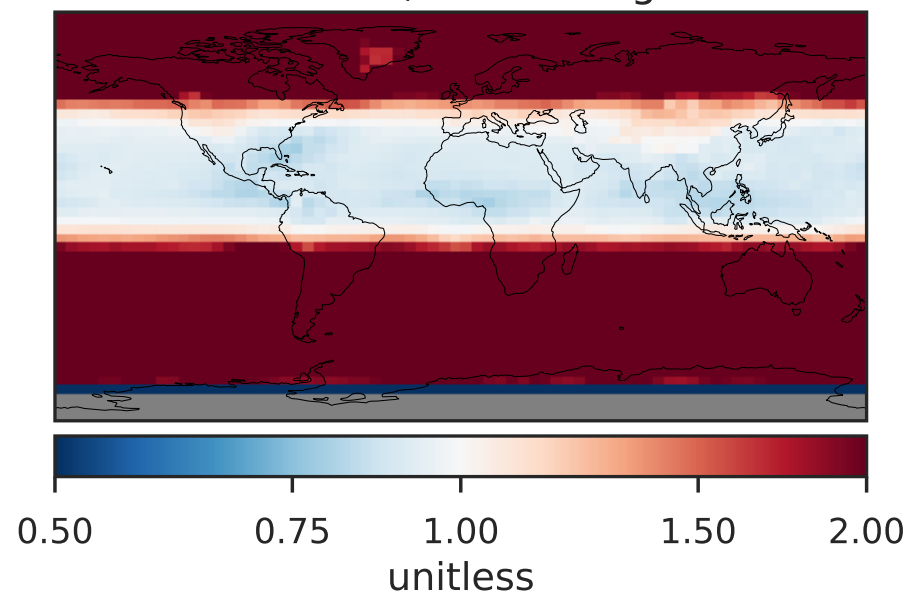
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

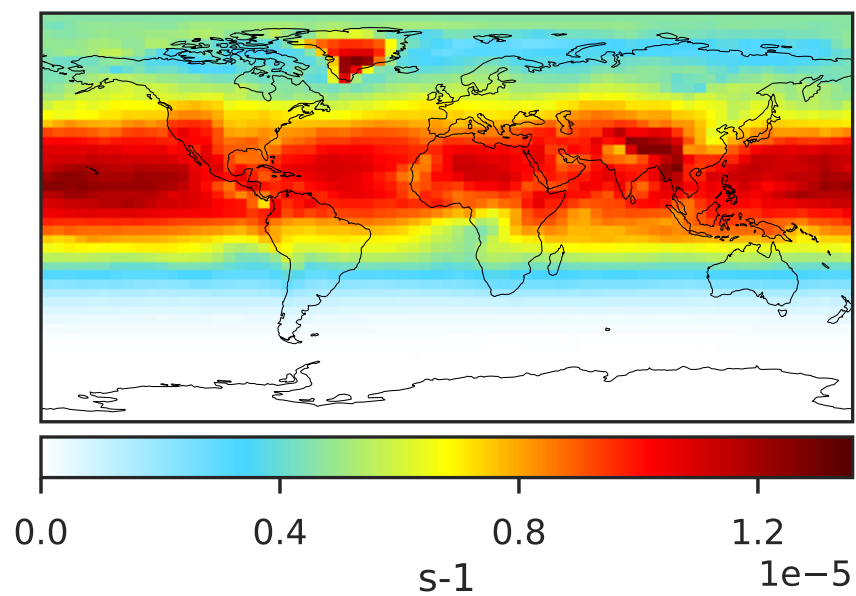


Ratio
Dev/Ref, Fixed Range

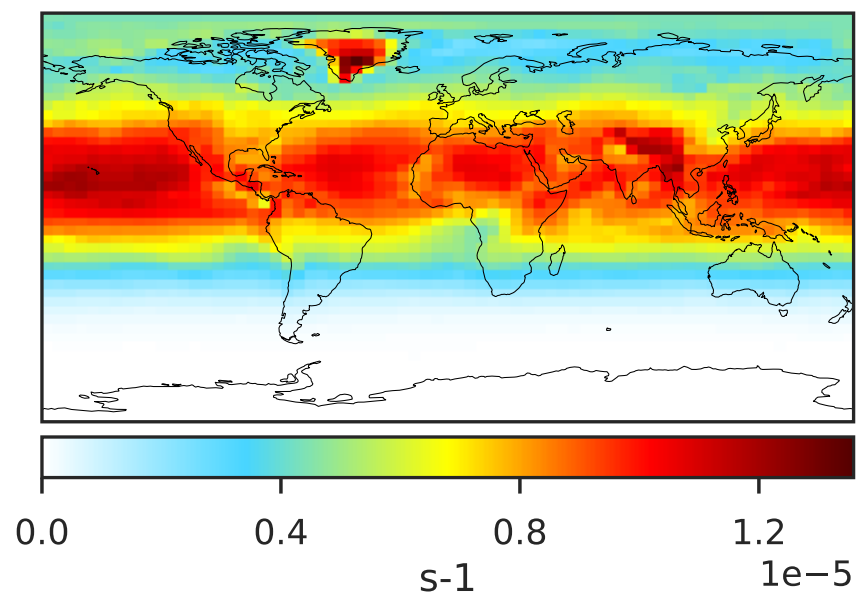


Jval_O3 (Jul2019)

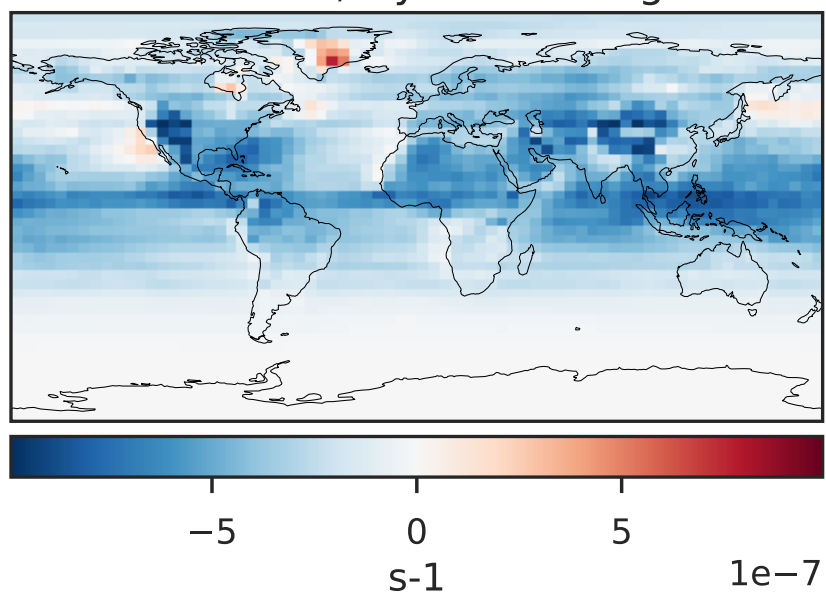
14.2.0-rc.2 (Ref)
4.0x5.0



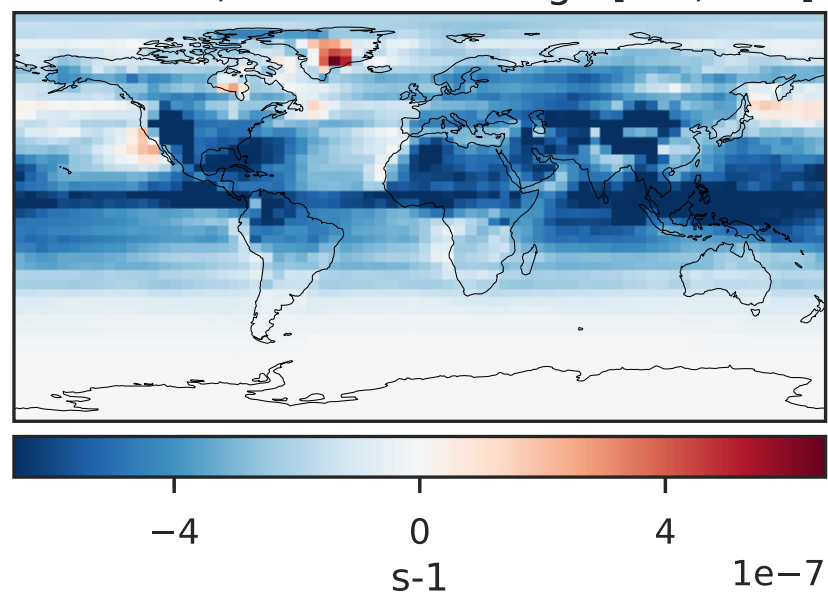
14.3.0-rc.0 (Dev)
4.0x5.0



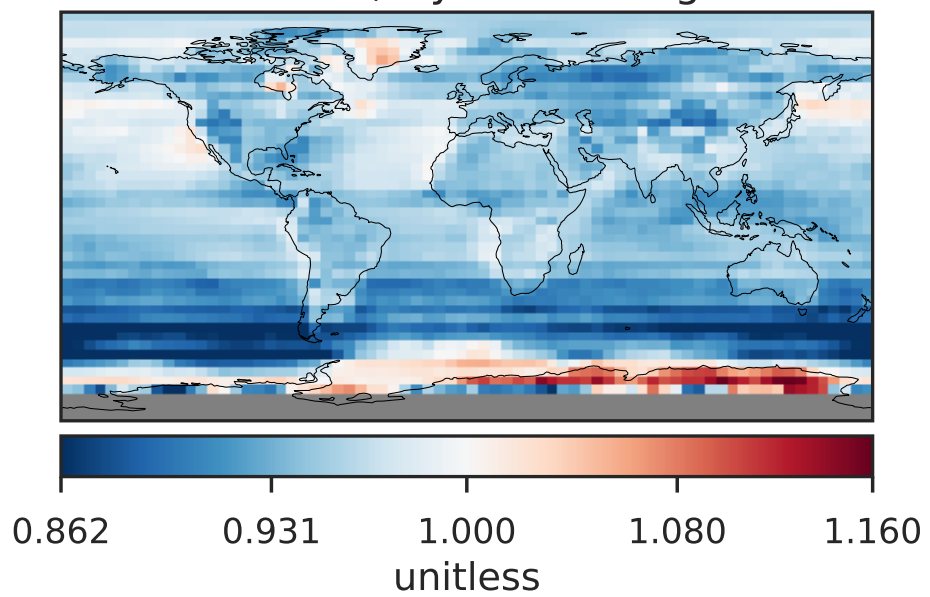
Difference
Dev - Ref, Dynamic Range



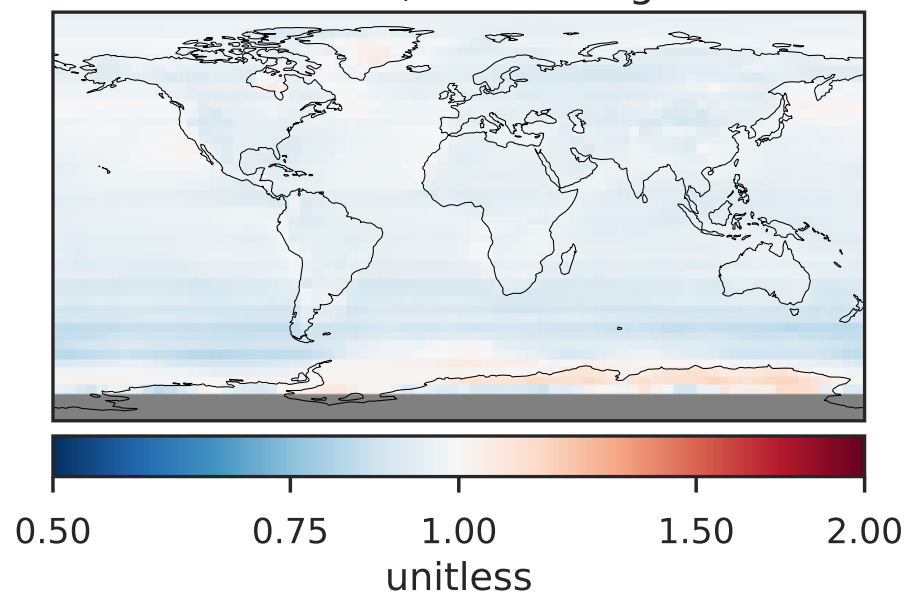
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

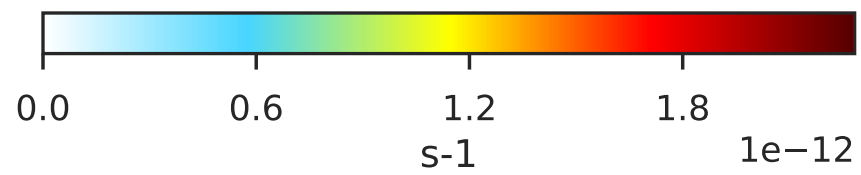
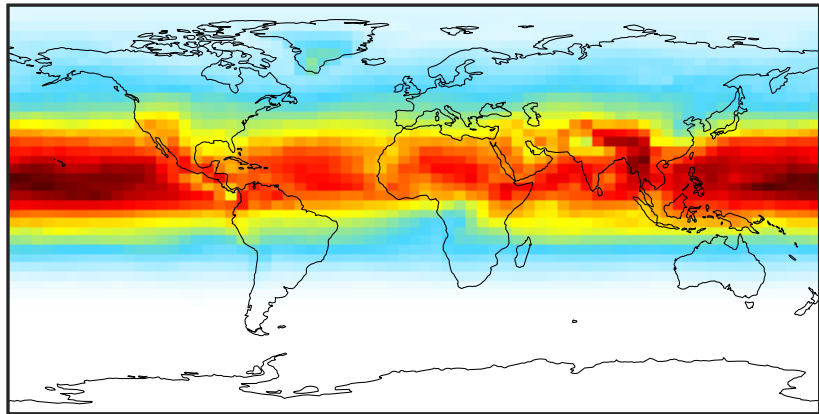


Ratio
Dev/Ref, Fixed Range

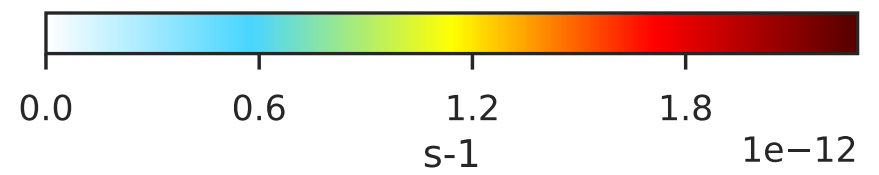
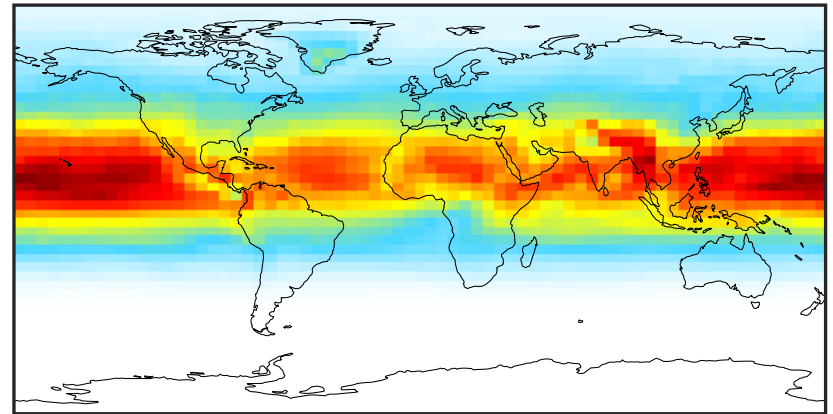


Jval_OCS (Jul2019)

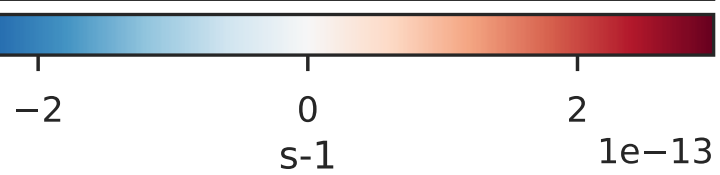
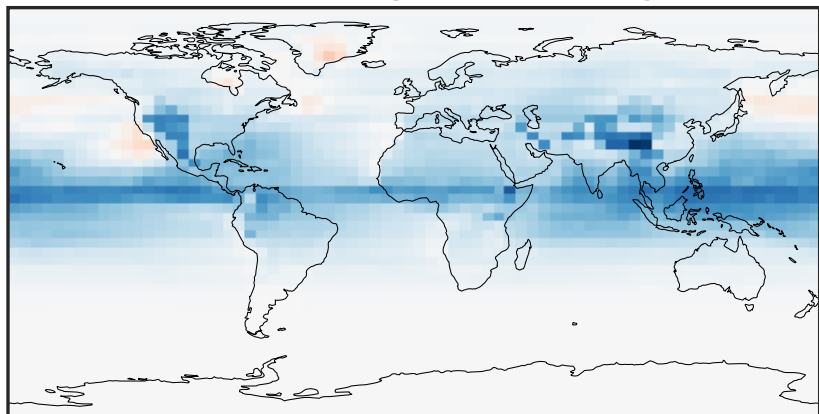
14.2.0-rc.2 (Ref)
4.0x5.0



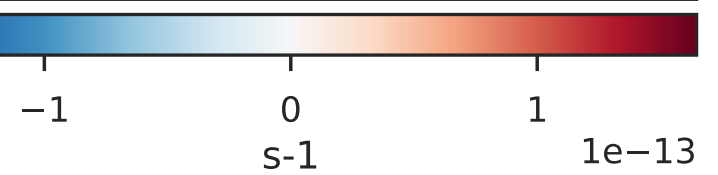
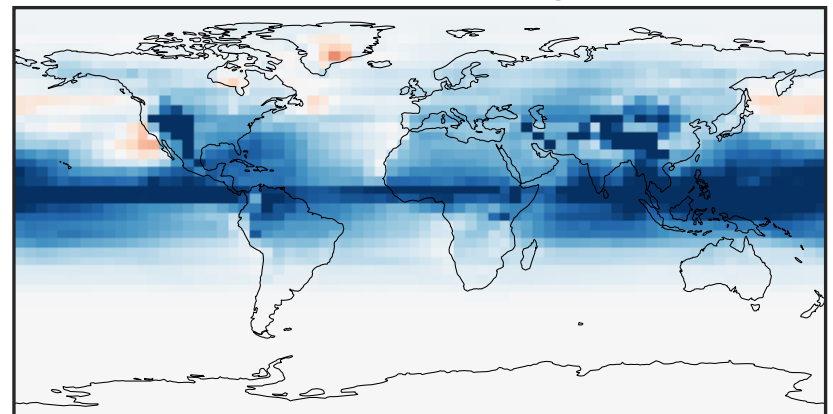
14.3.0-rc.0 (Dev)
4.0x5.0



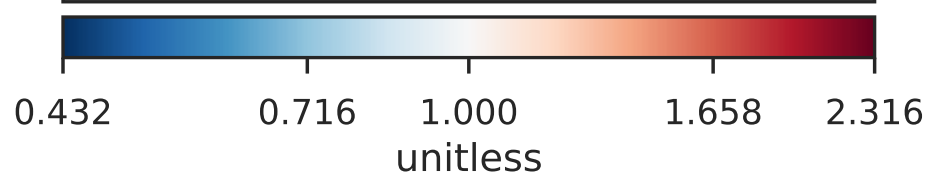
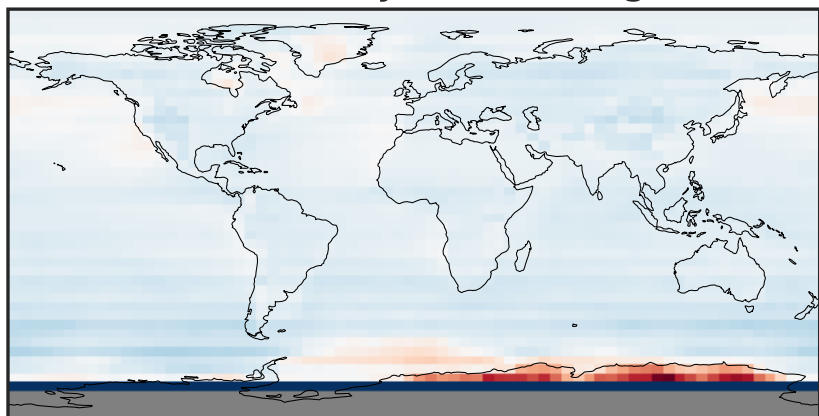
Difference
Dev - Ref, Dynamic Range



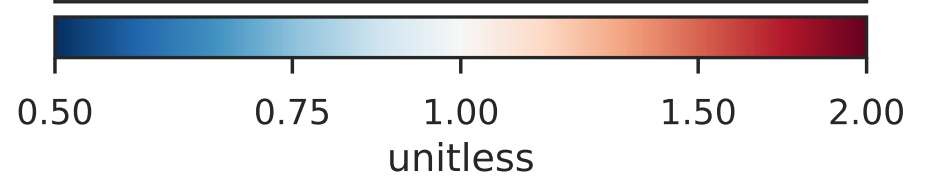
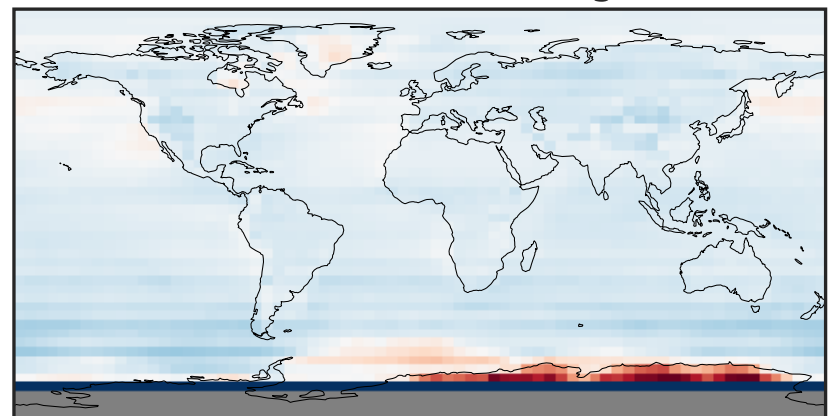
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

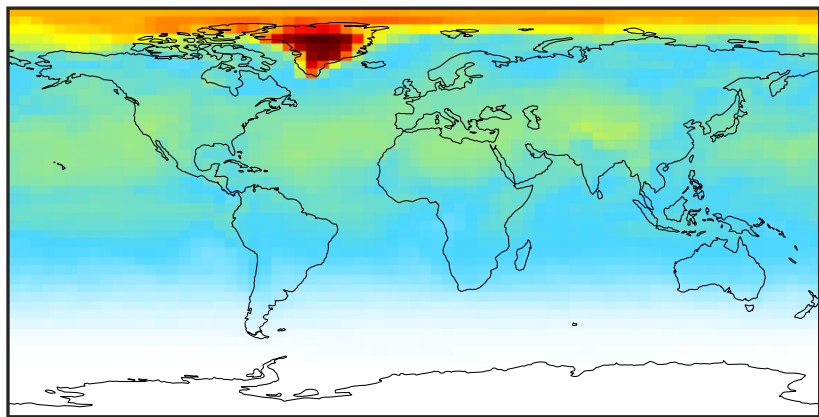


Ratio
Dev/Ref, Fixed Range



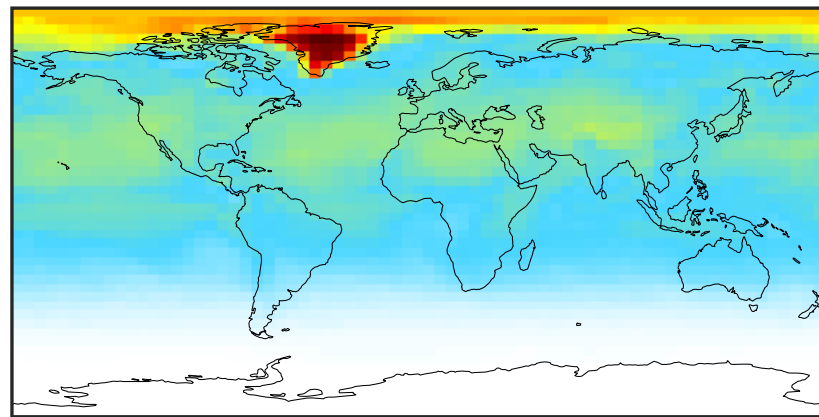
Jval_OCIO (Jul2019)

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



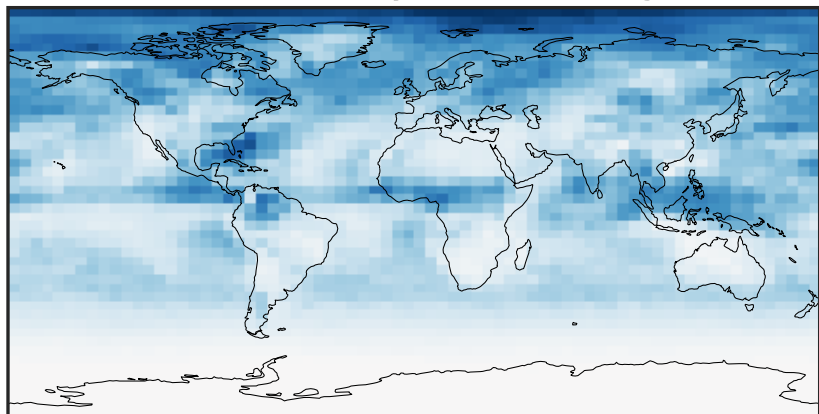
0.000 0.025 0.050 0.075
s-1

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



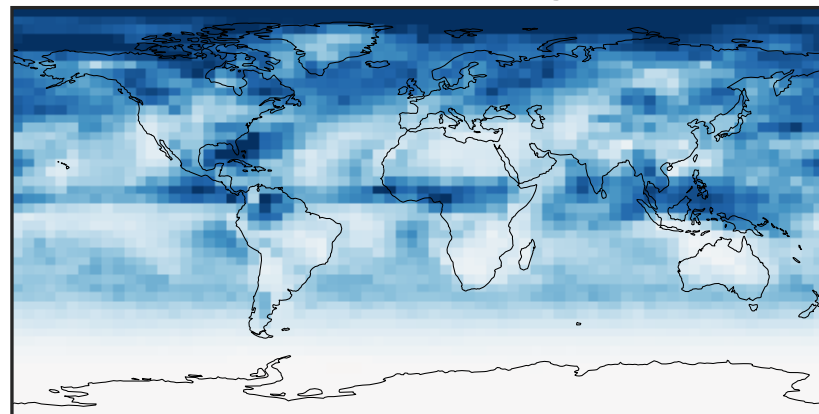
0.000 0.025 0.050 0.075
s-1

Difference
Dev - Ref, Dynamic Range



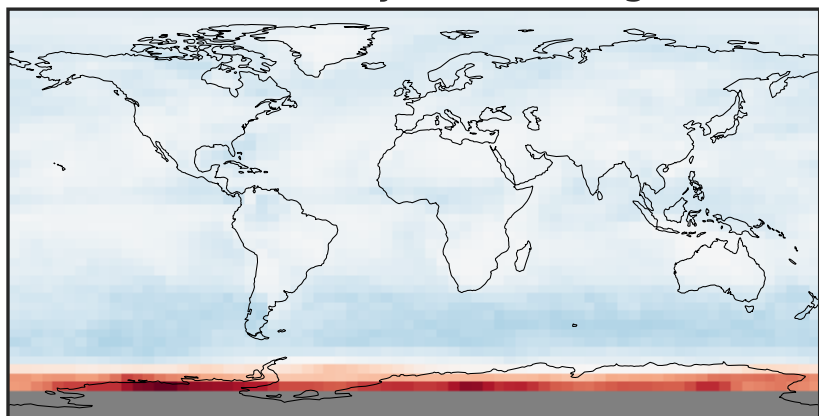
-0.001 0.000 0.001
s-1

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



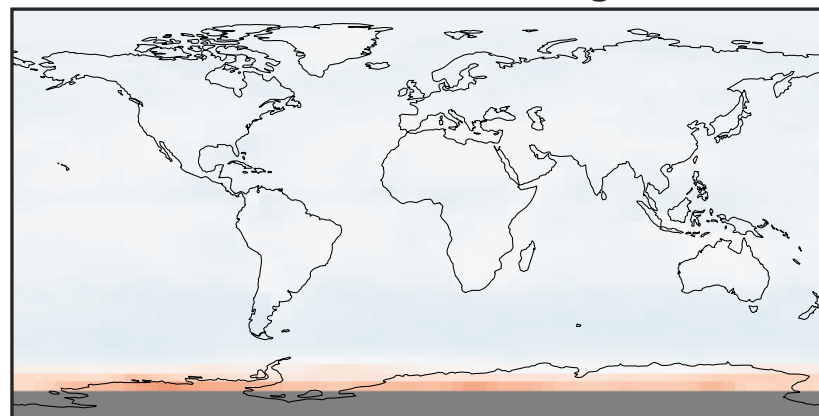
-0.0008 0.0000 0.0008
s-1

Ratio
Dev/Ref, Dynamic Range



0.7432 0.8716 1.0000 1.1728 1.3455
unitless

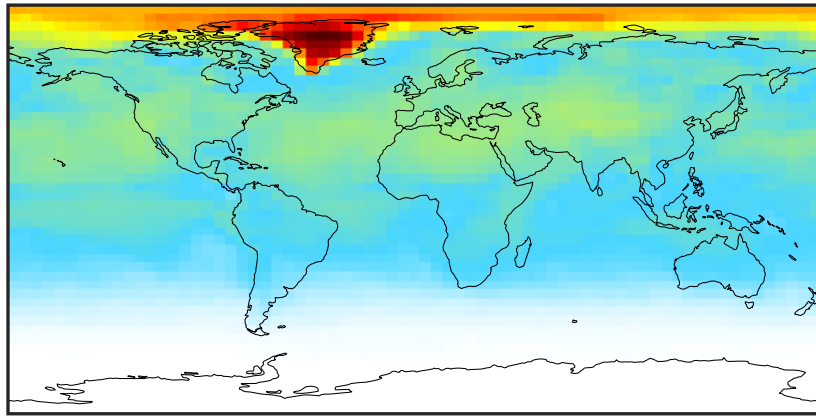
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

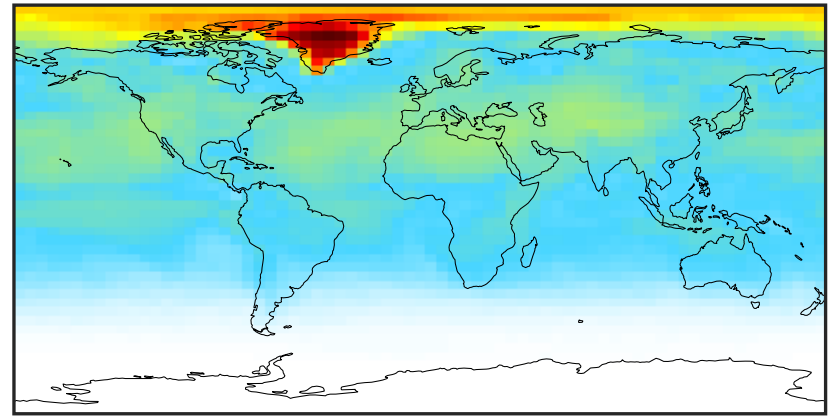
Jval_OIO (Jul2019)

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



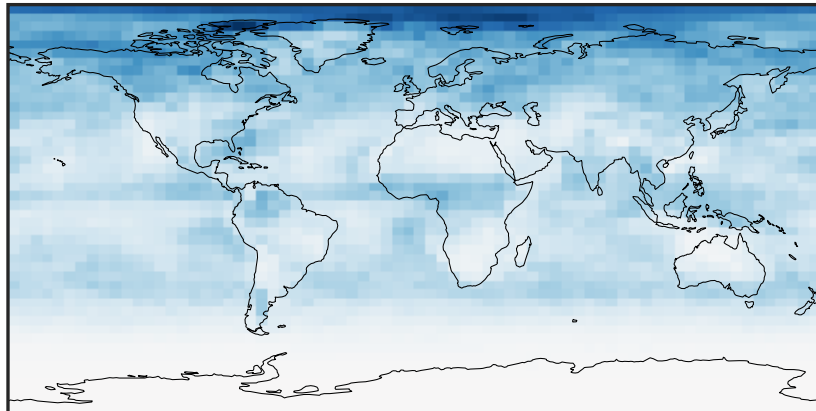
0.0000 0.0738 0.1476 0.2214 0.2952
s-1

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



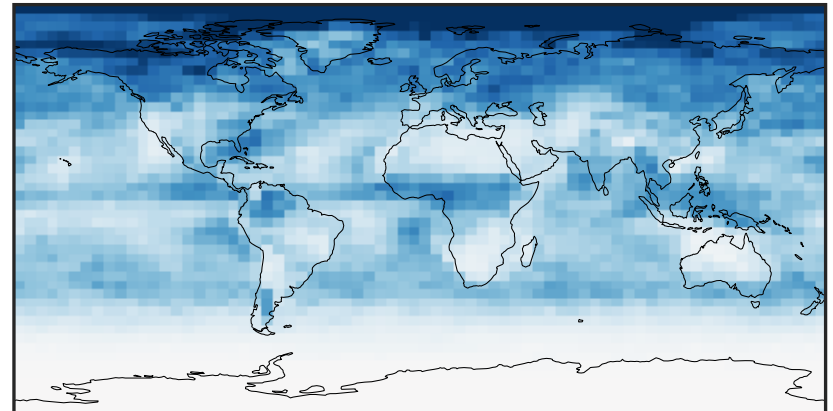
0.0000 0.0738 0.1476 0.2214 0.2952
s-1

Difference
Dev - Ref, Dynamic Range



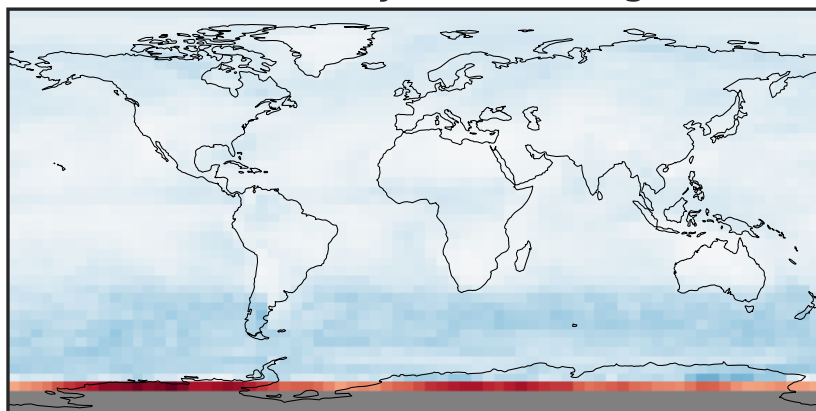
-0.006 0.000 0.006
s-1

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



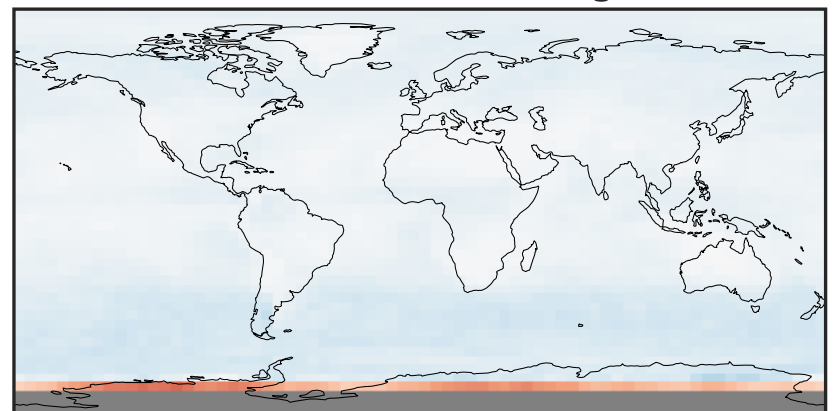
-0.004 0.000 0.004
s-1

Ratio
Dev/Ref, Dynamic Range



0.6700 0.8350 1.0000 1.2462 1.4924
unitless

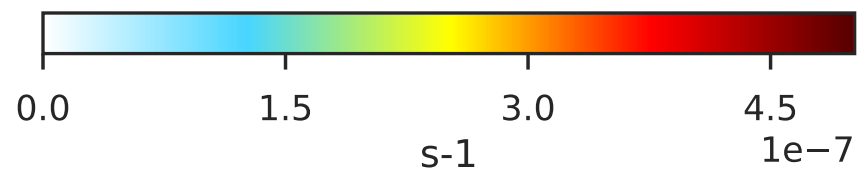
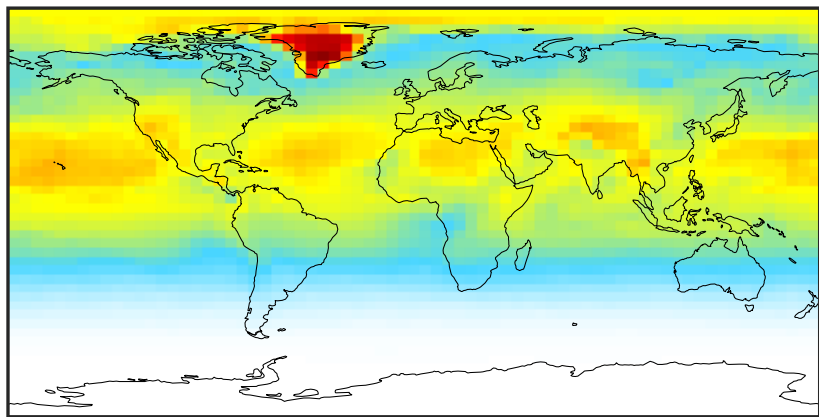
Ratio
Dev/Ref, Fixed Range



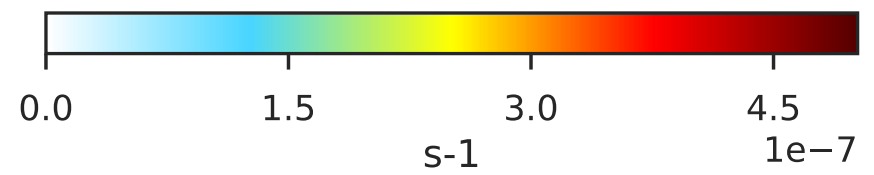
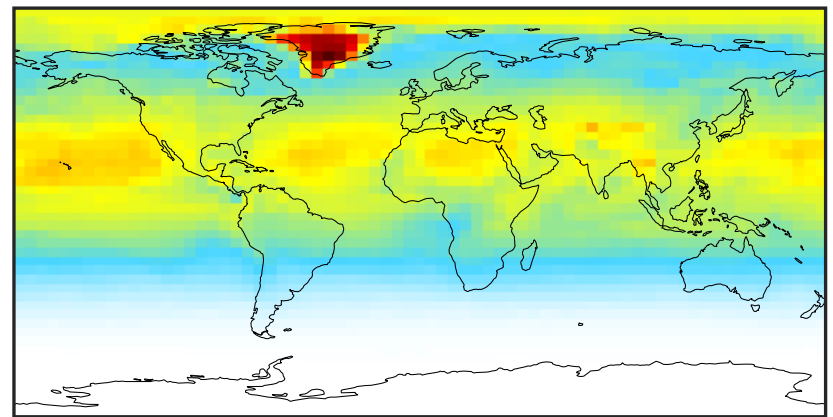
0.50 0.75 1.00 1.50 2.00
unitless

Jval_PAN (Jul2019)

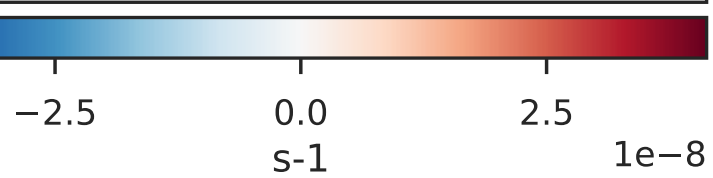
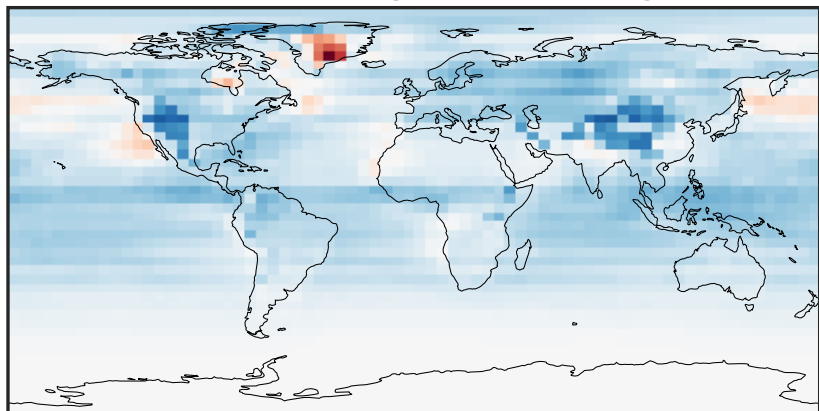
14.2.0-rc.2 (Ref)
4.0x5.0



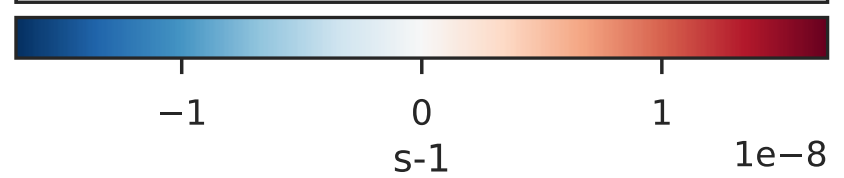
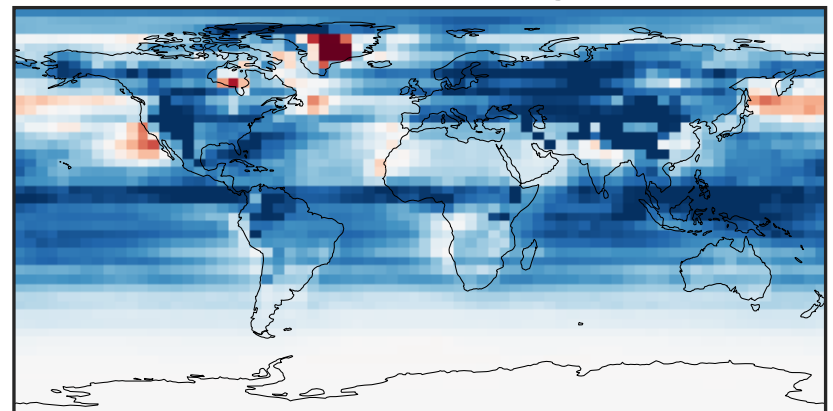
14.3.0-rc.0 (Dev)
4.0x5.0



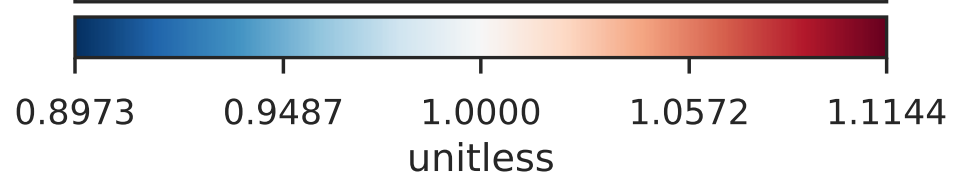
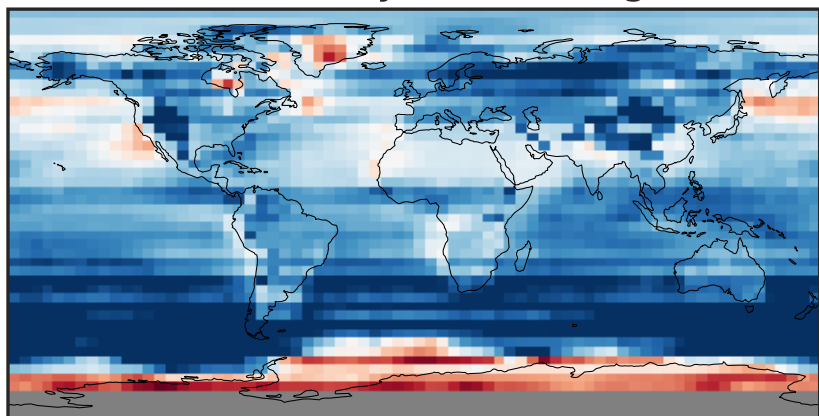
Difference
Dev - Ref, Dynamic Range



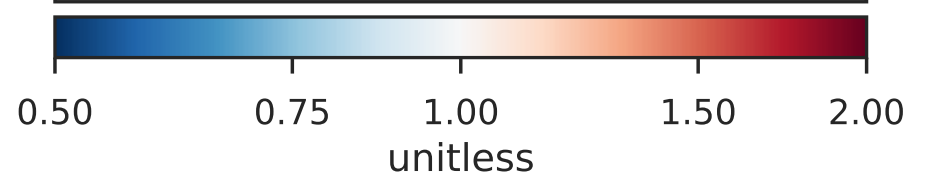
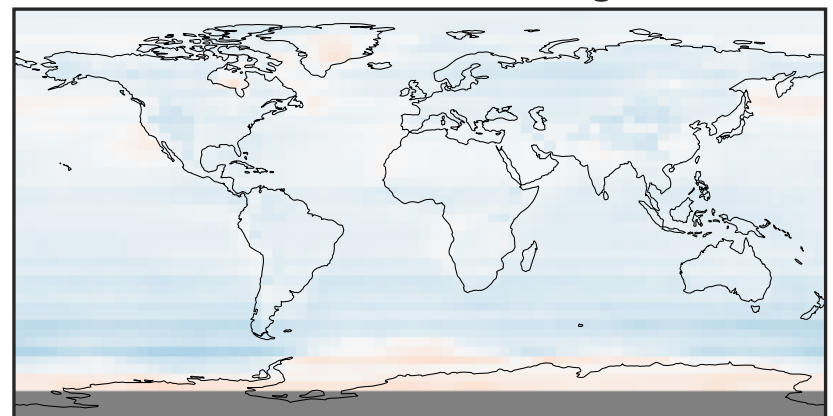
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

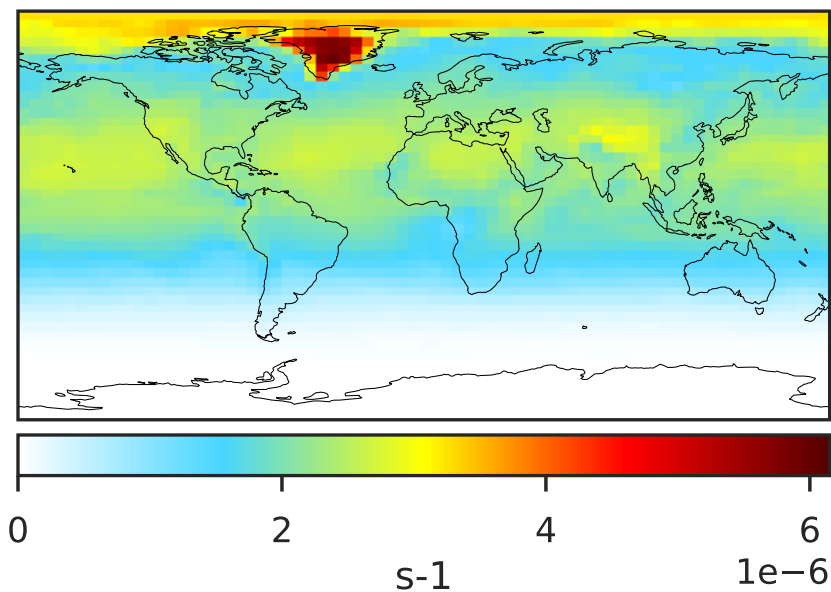


Ratio
Dev/Ref, Fixed Range

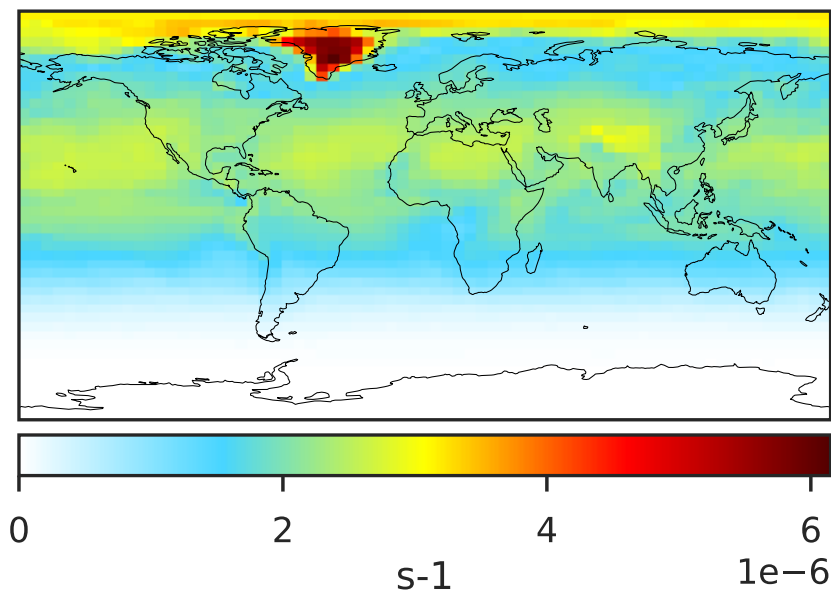


Jval_PIP (Jul2019)

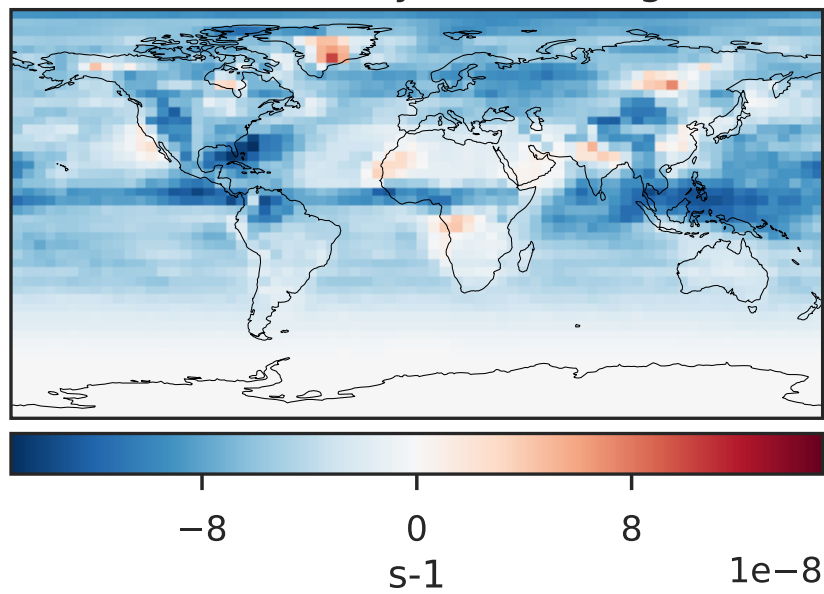
14.2.0-rc.2 (Ref)
4.0x5.0



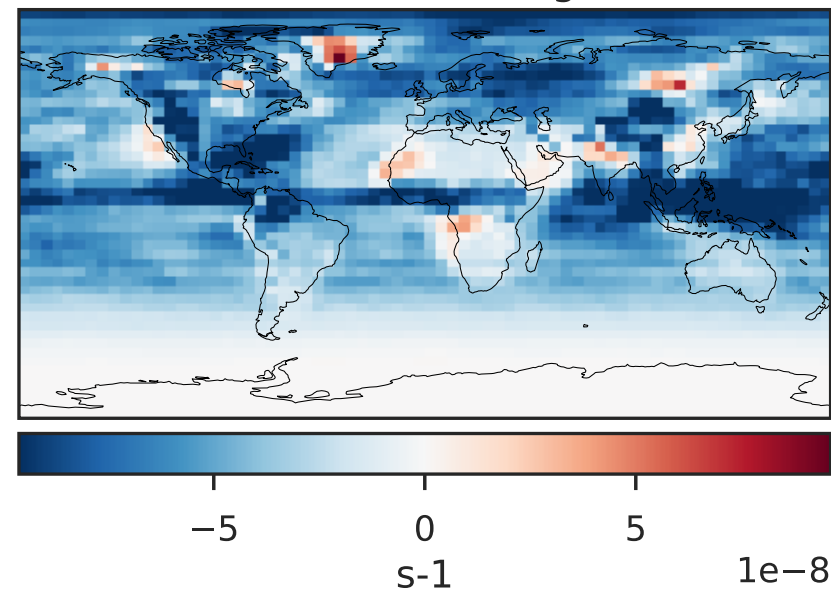
14.3.0-rc.0 (Dev)
4.0x5.0



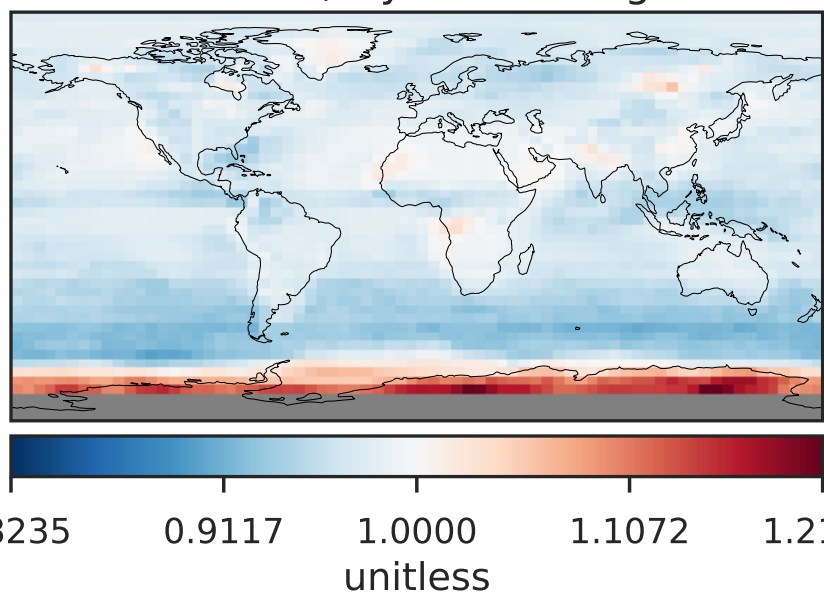
Difference
Dev - Ref, Dynamic Range



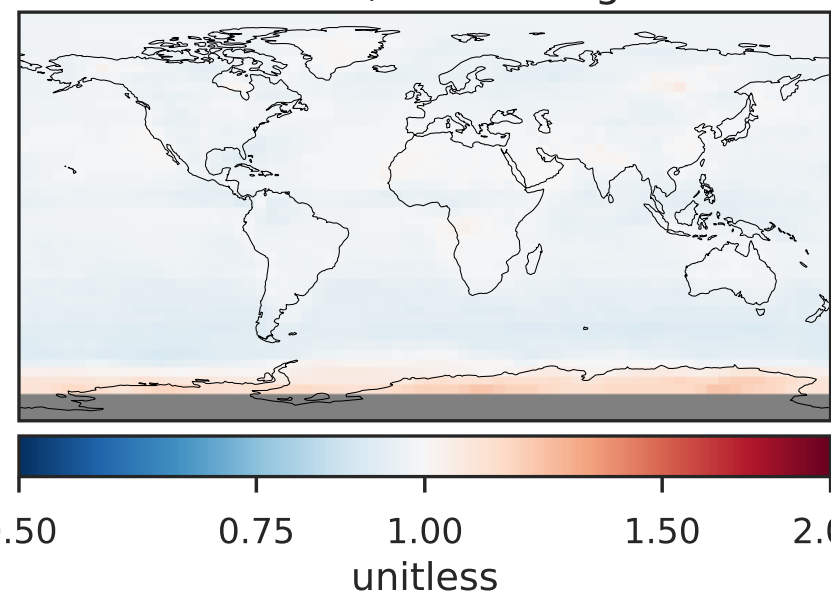
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

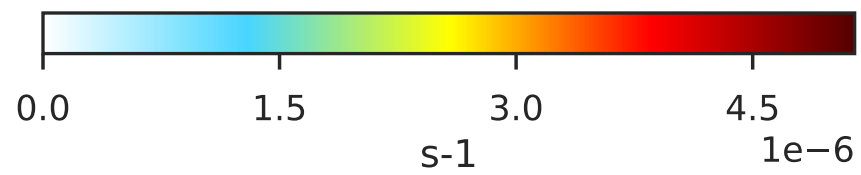
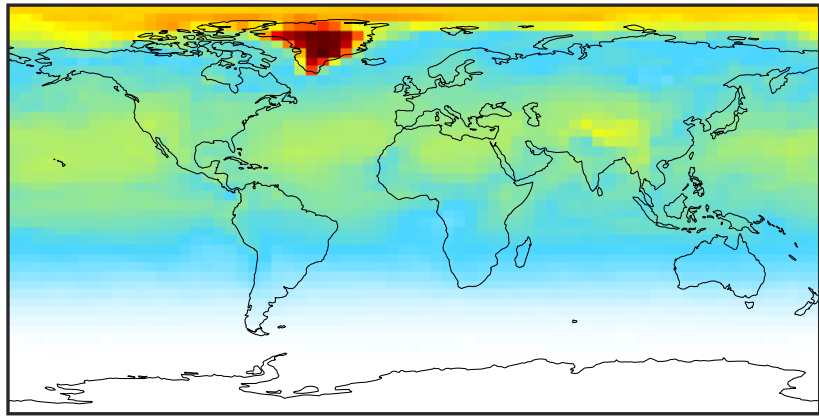


Ratio
Dev/Ref, Fixed Range

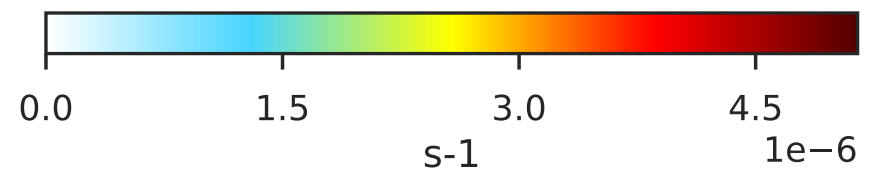
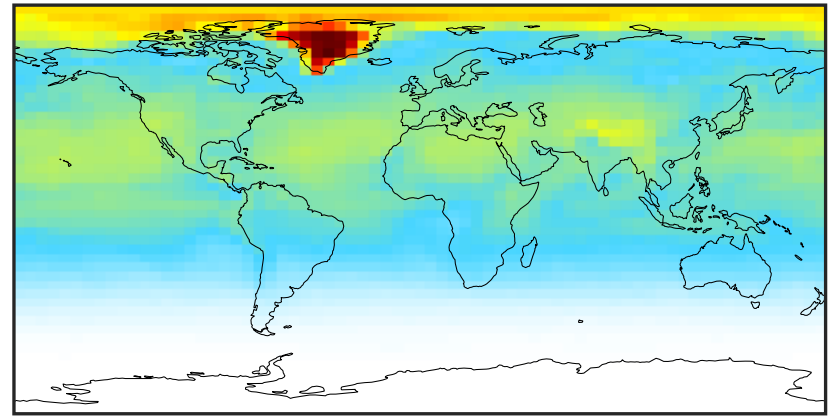


Jval_PP (Jul2019)

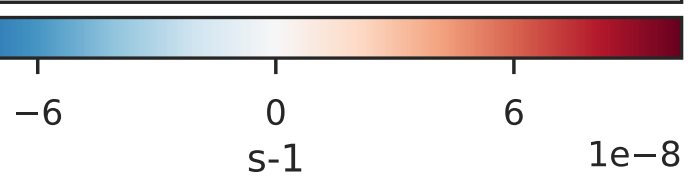
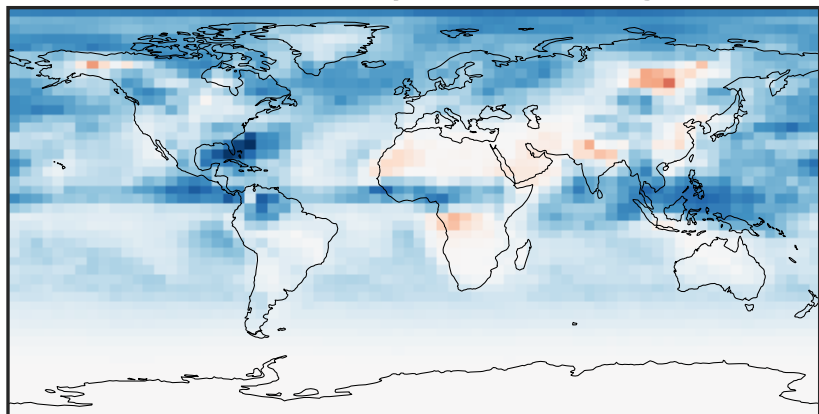
14.2.0-rc.2 (Ref)
4.0x5.0



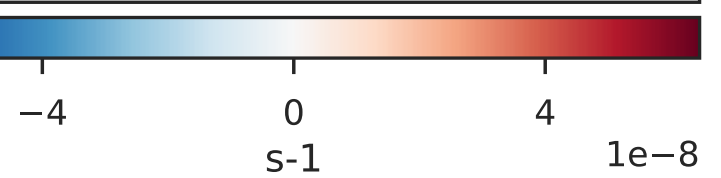
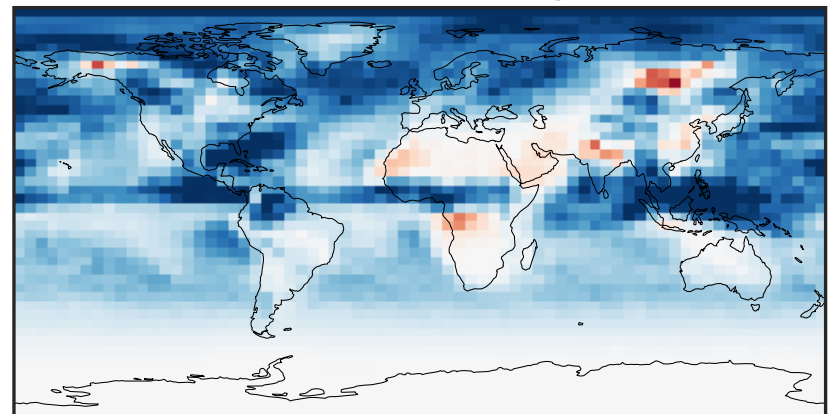
14.3.0-rc.0 (Dev)
4.0x5.0



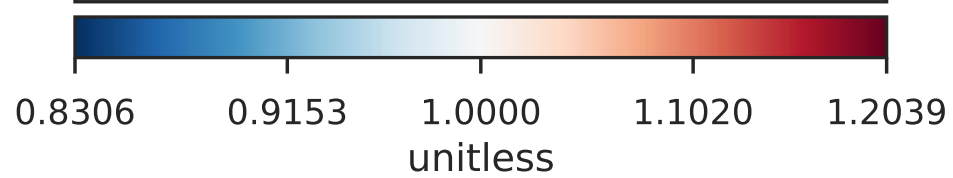
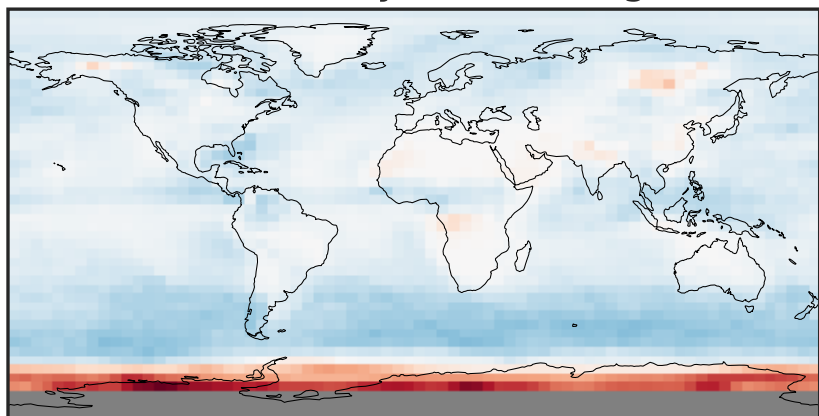
Difference
Dev - Ref, Dynamic Range



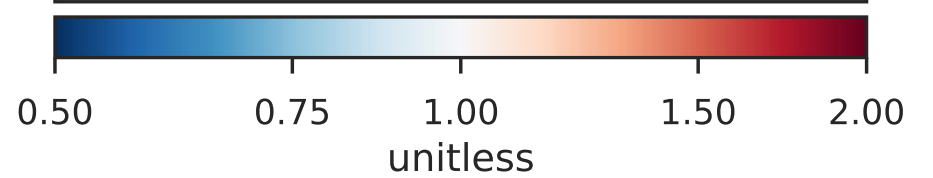
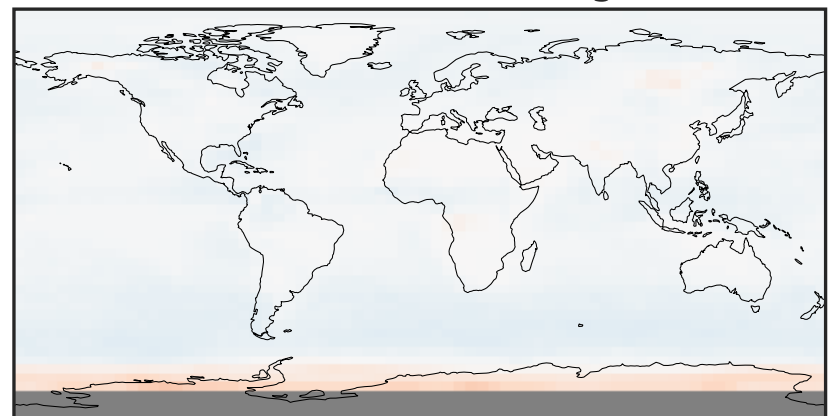
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

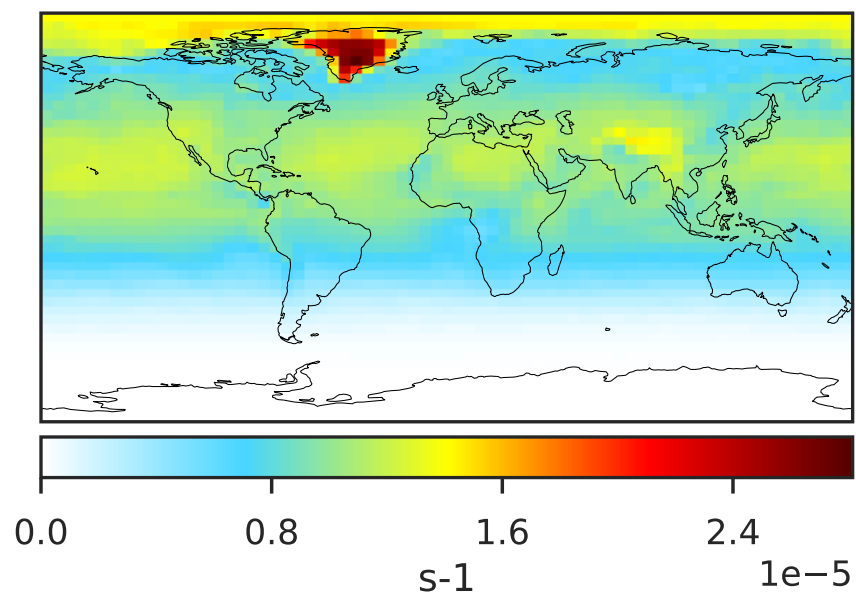


Ratio
Dev/Ref, Fixed Range

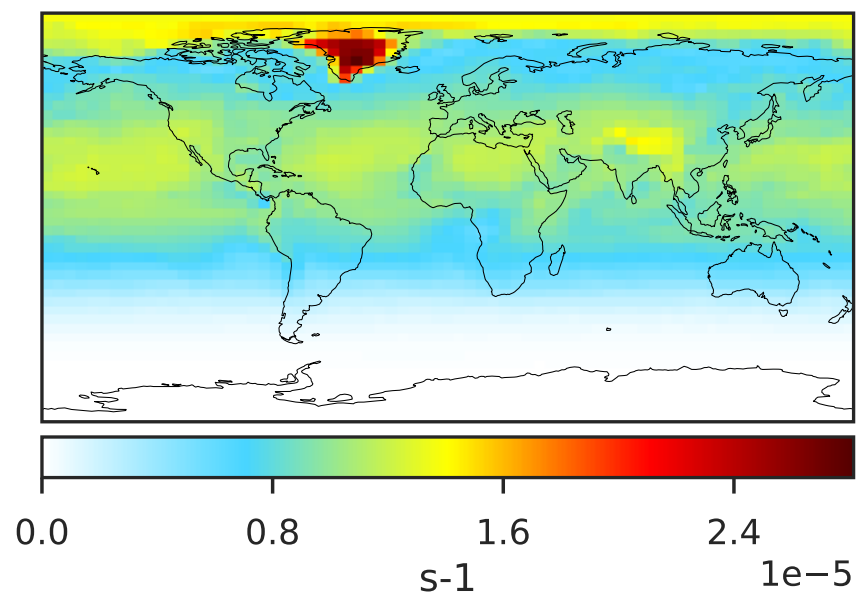


Jval_PROPNN (Jul2019)

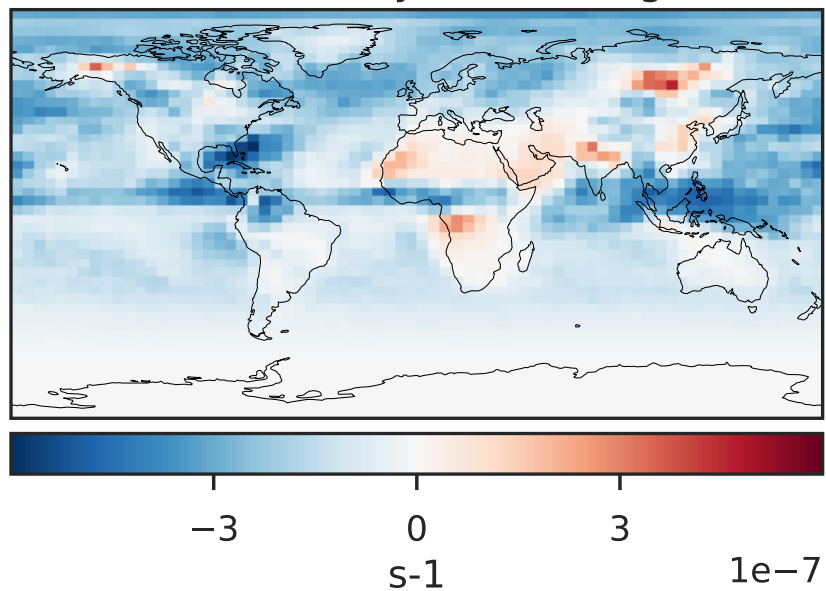
14.2.0-rc.2 (Ref)
4.0x5.0



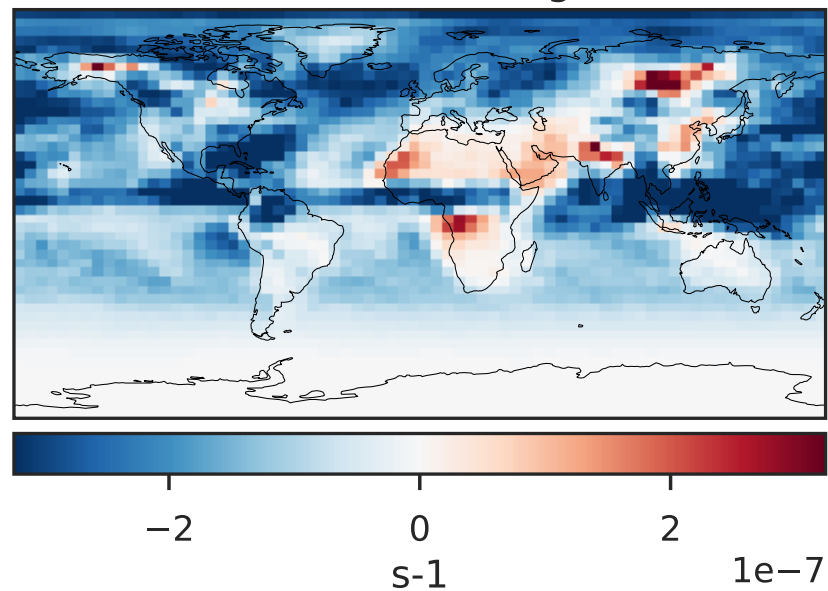
14.3.0-rc.0 (Dev)
4.0x5.0



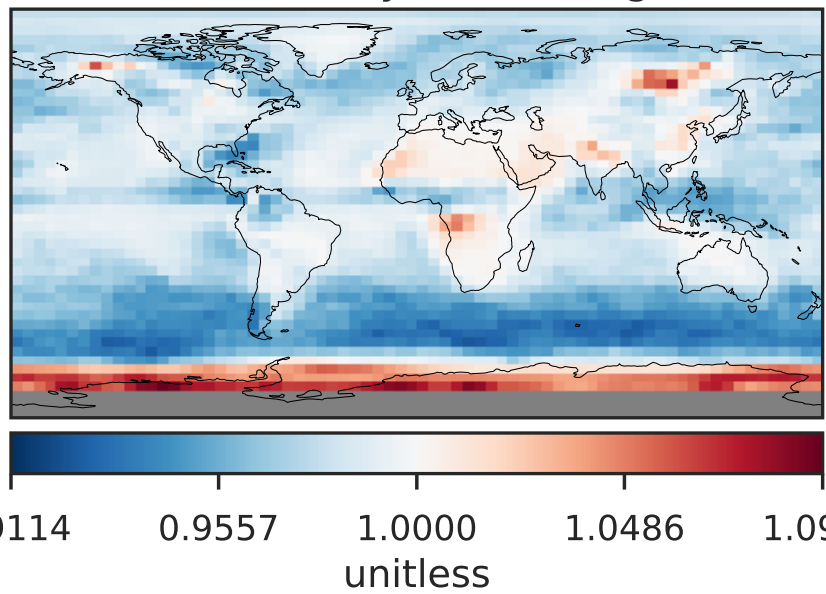
Difference
Dev - Ref, Dynamic Range



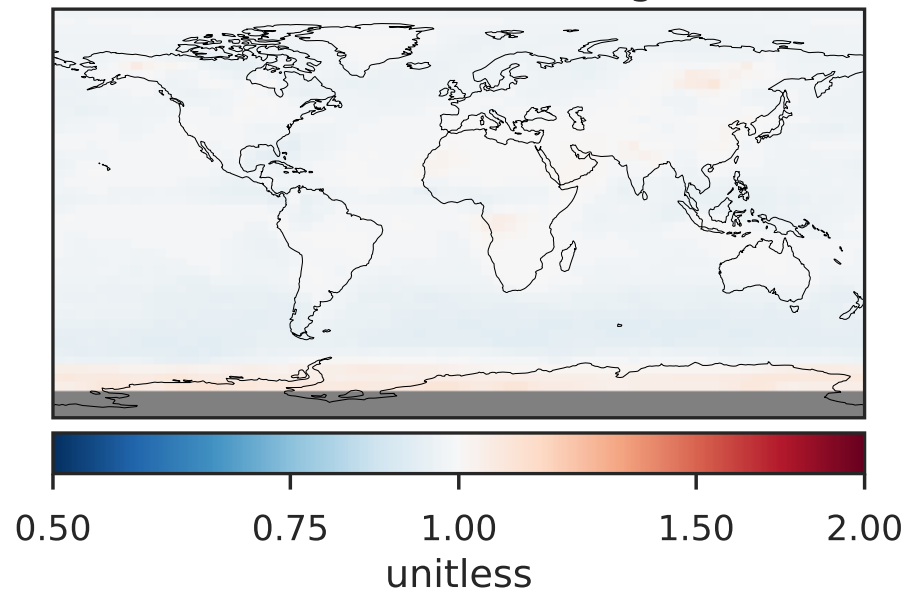
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

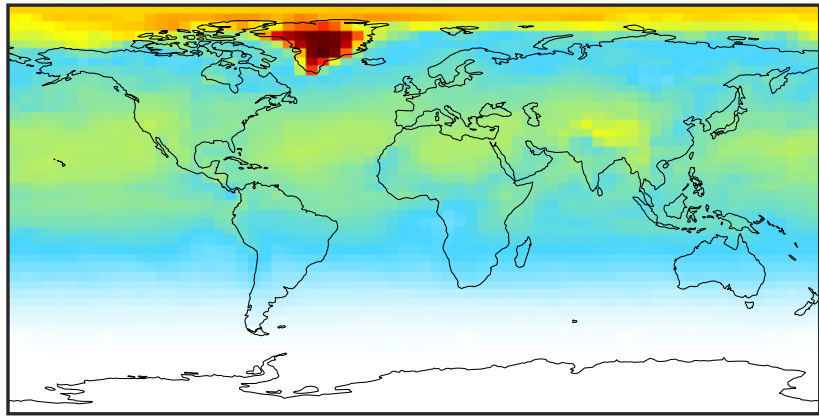


Ratio
Dev/Ref, Fixed Range



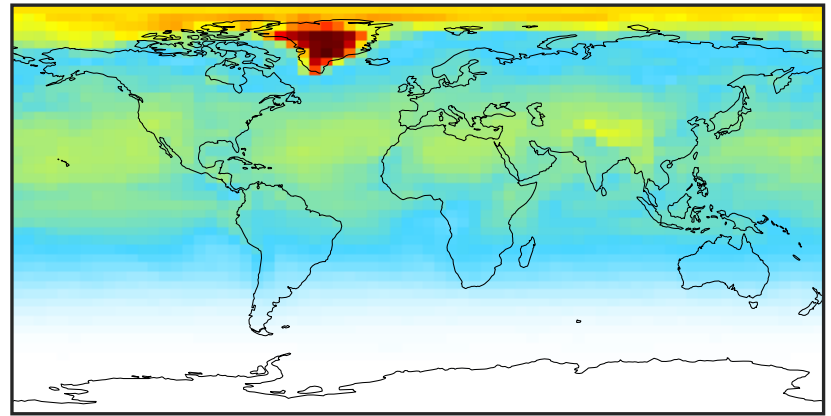
Jval_PRPN (Jul2019)

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



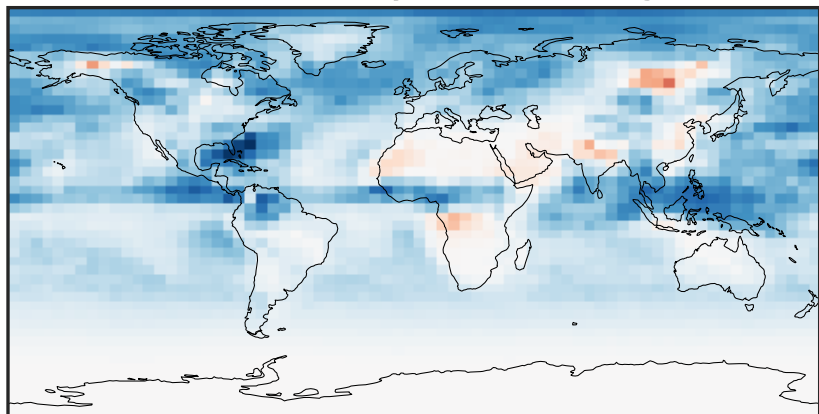
0.0 1.5 3.0 4.5
s-1 $1e-6$

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



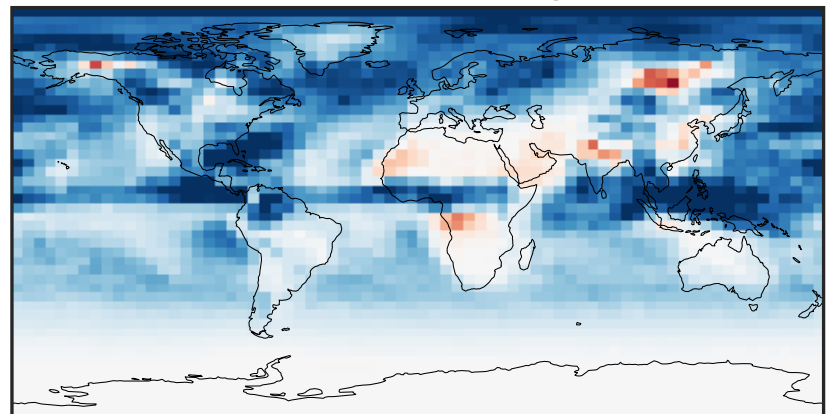
0.0 1.5 3.0 4.5
s-1 $1e-6$

Difference
Dev - Ref, Dynamic Range



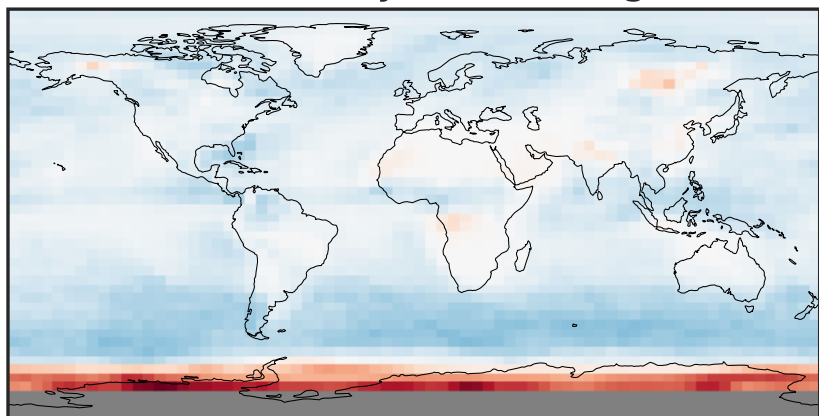
-6 0 6
s-1 $1e-8$

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



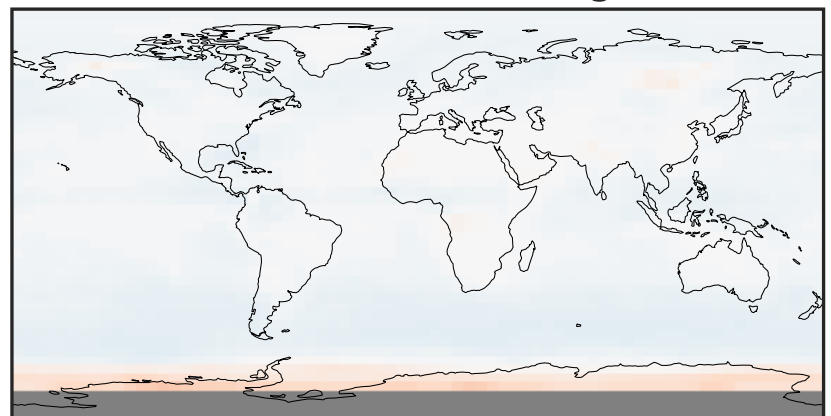
-4 0 4
s-1 $1e-8$

Ratio
Dev/Ref, Dynamic Range



0.8306 0.9153 1.0000 1.1020 1.2039
unitless

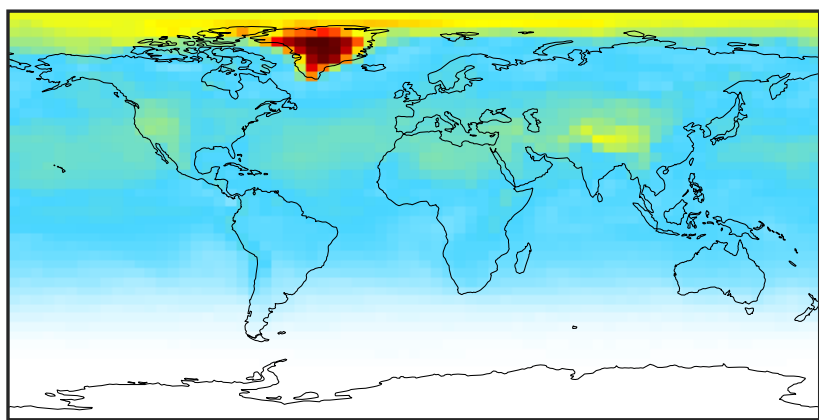
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

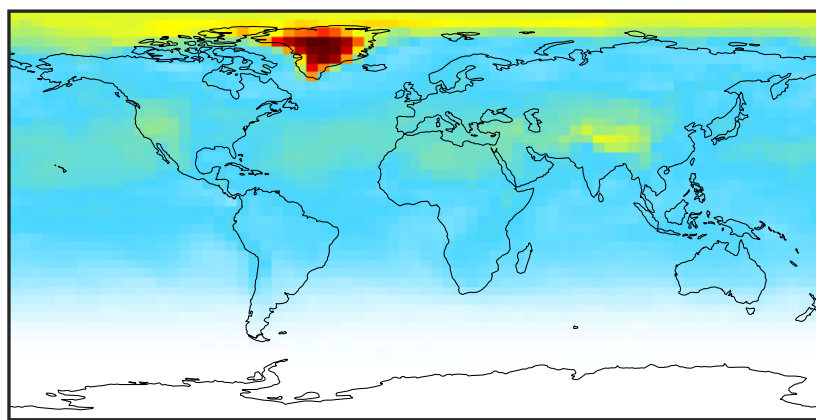
Jval_PYAC (Jul2019)

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



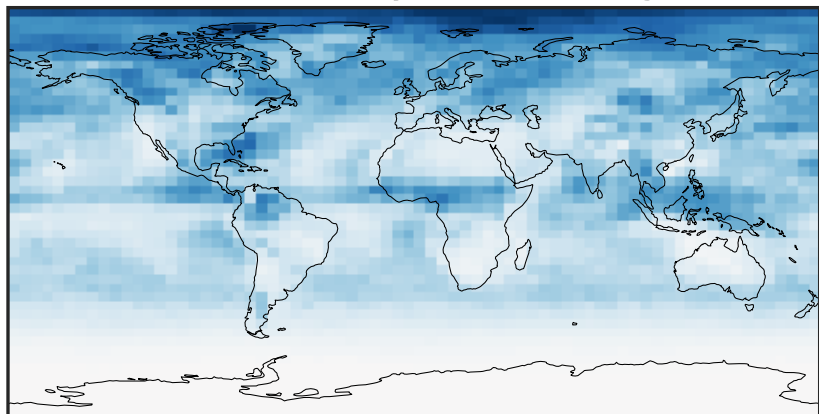
0.00000 0.00008 0.00016 0.00024 s-1

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



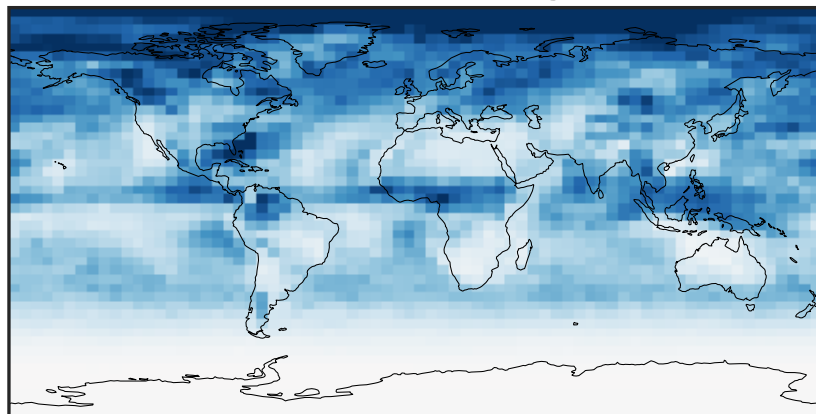
0.00000 0.00008 0.00016 0.00024 s-1

Difference
Dev - Ref, Dynamic Range



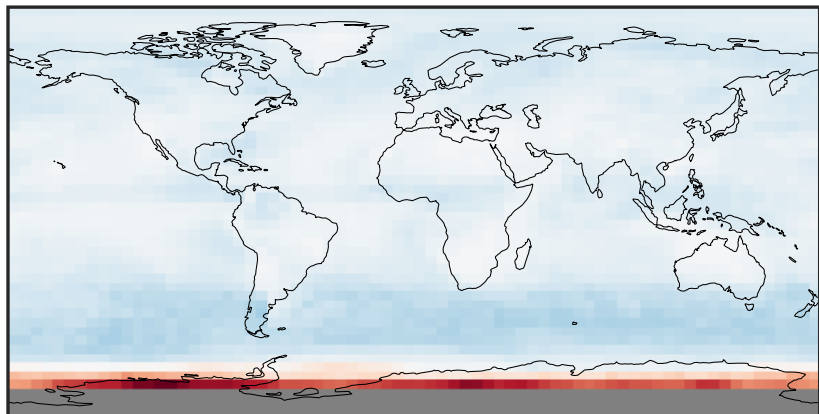
-2.5 0.0 2.5 s-1 1e-6

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



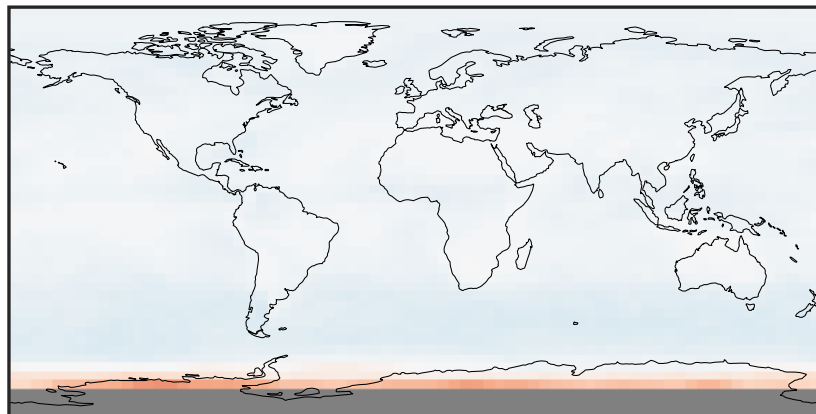
-2 0 2 s-1 1e-6

Ratio
Dev/Ref, Dynamic Range



0.7305 0.8652 1.0000 1.1845 1.3690 unitless

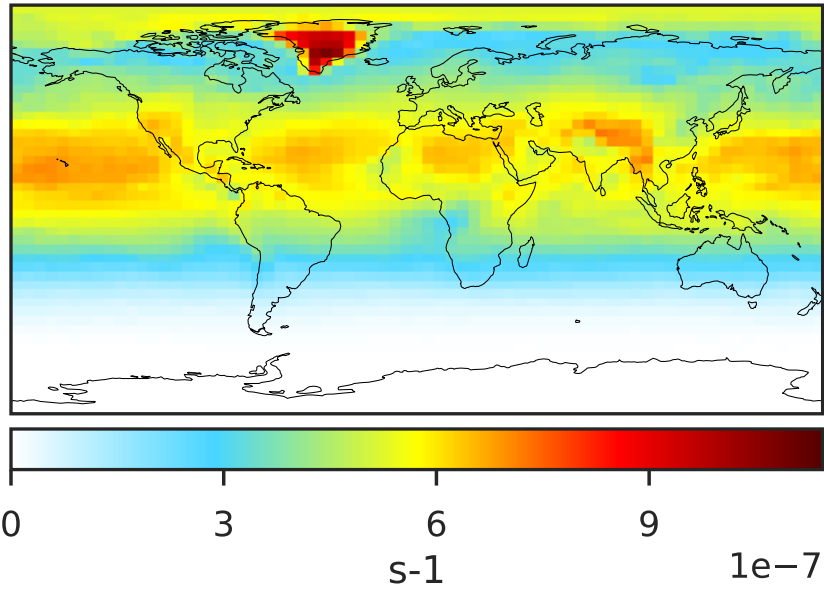
Ratio
Dev/Ref, Fixed Range



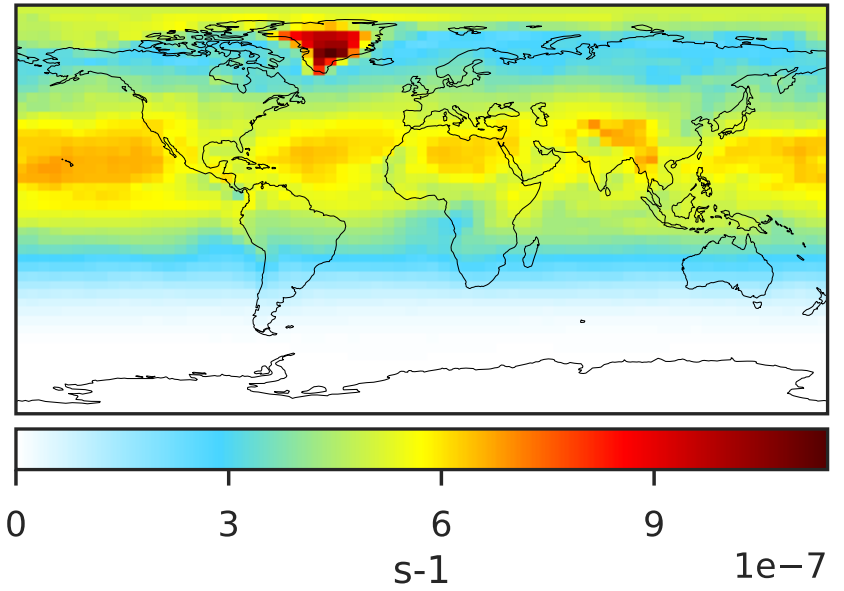
0.50 0.75 1.00 1.50 2.00 unitless

Jval_R4N2 (Jul2019)

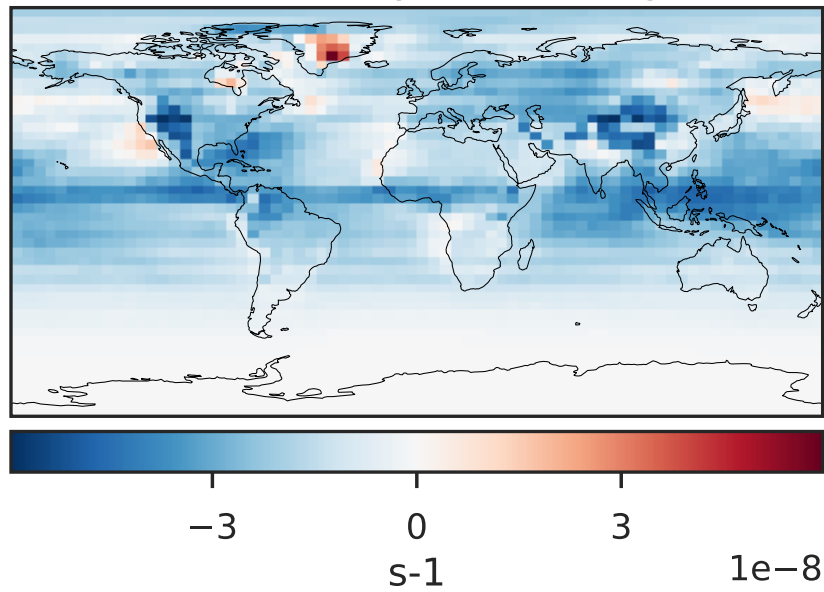
14.2.0-rc.2 (Ref)
4.0x5.0



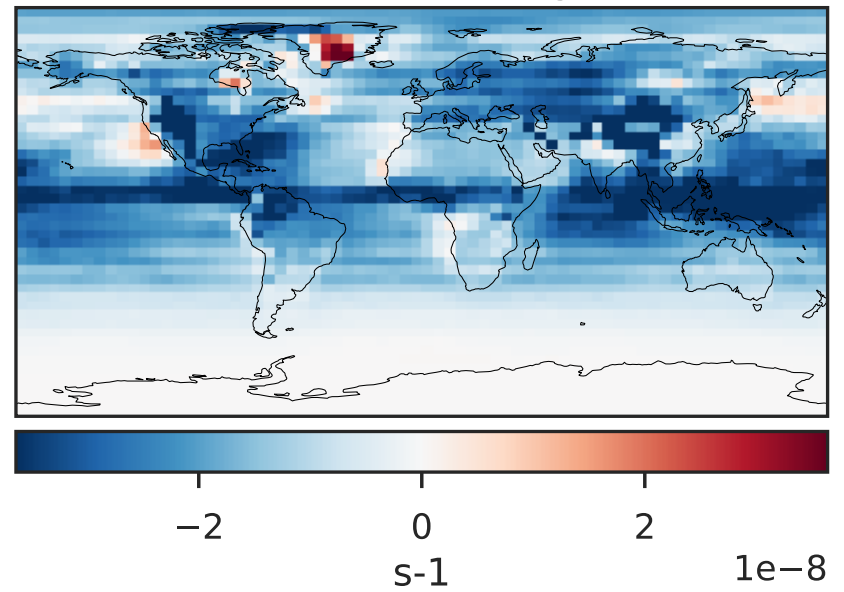
14.3.0-rc.0 (Dev)
4.0x5.0



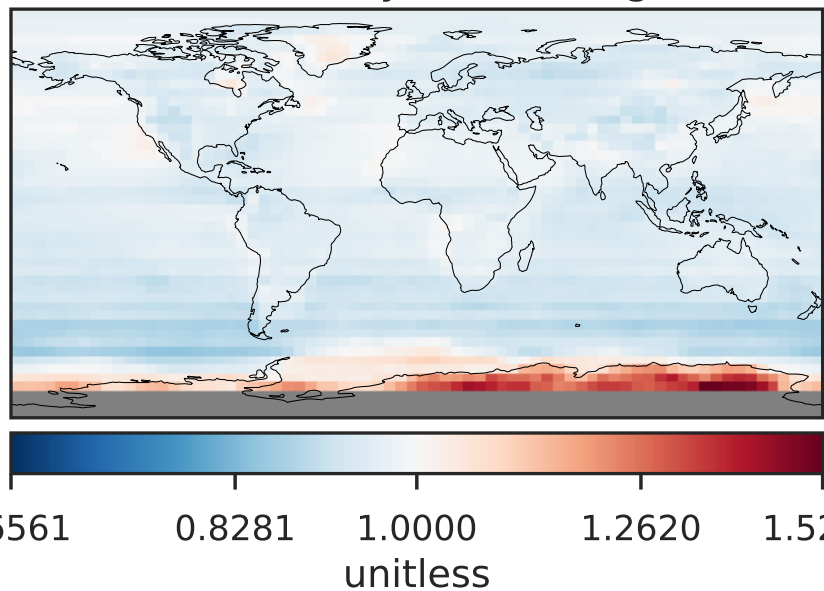
Difference
Dev - Ref, Dynamic Range



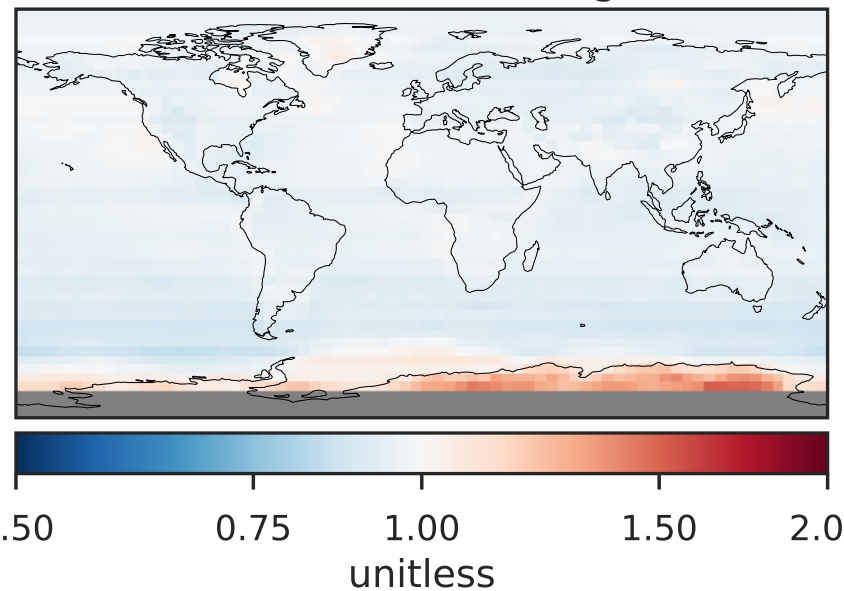
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

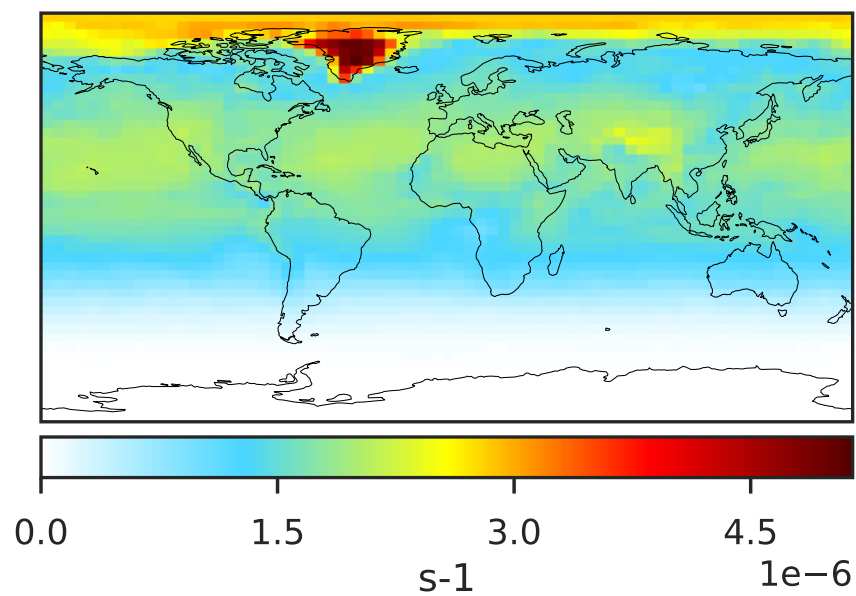


Ratio
Dev/Ref, Fixed Range

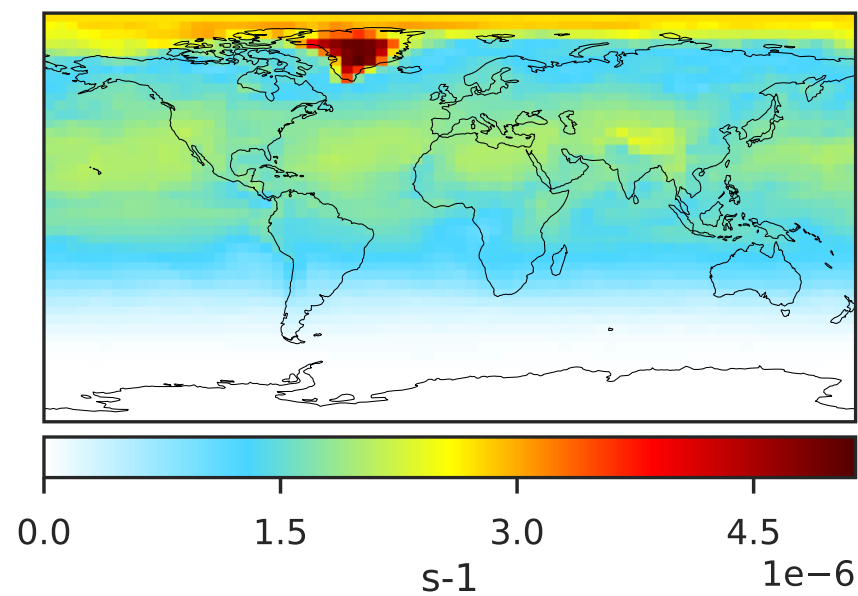


Jval_R4P (Jul2019)

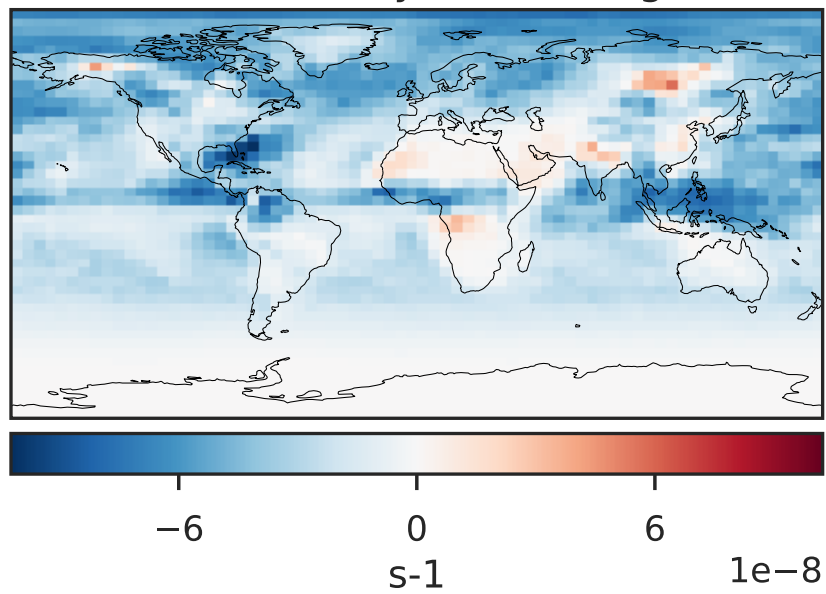
14.2.0-rc.2 (Ref)
4.0x5.0



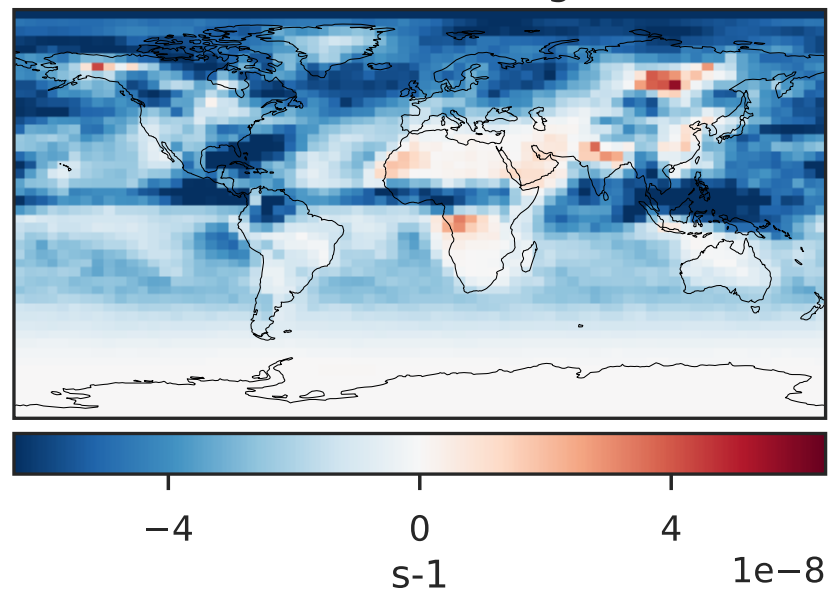
14.3.0-rc.0 (Dev)
4.0x5.0



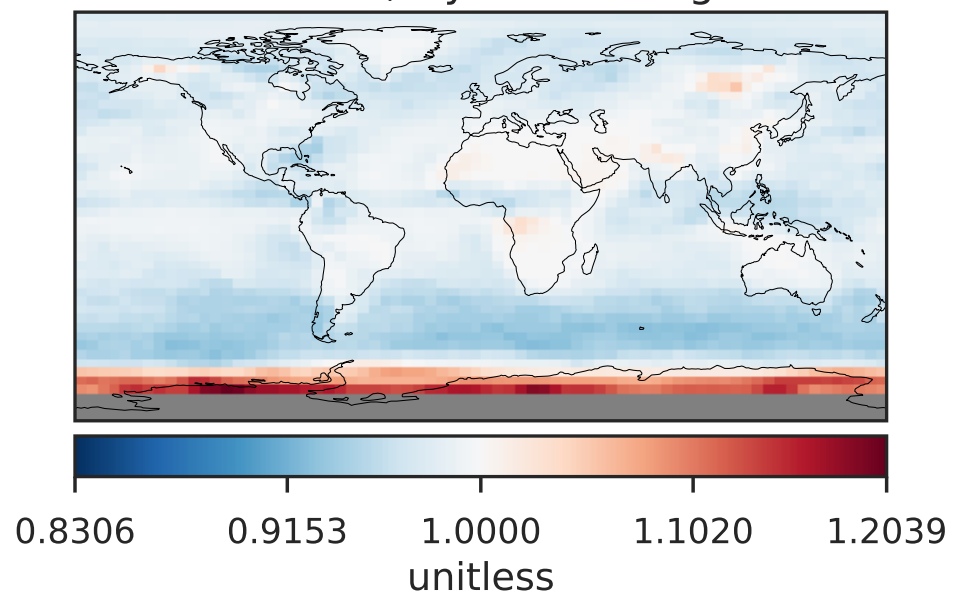
Difference
Dev - Ref, Dynamic Range



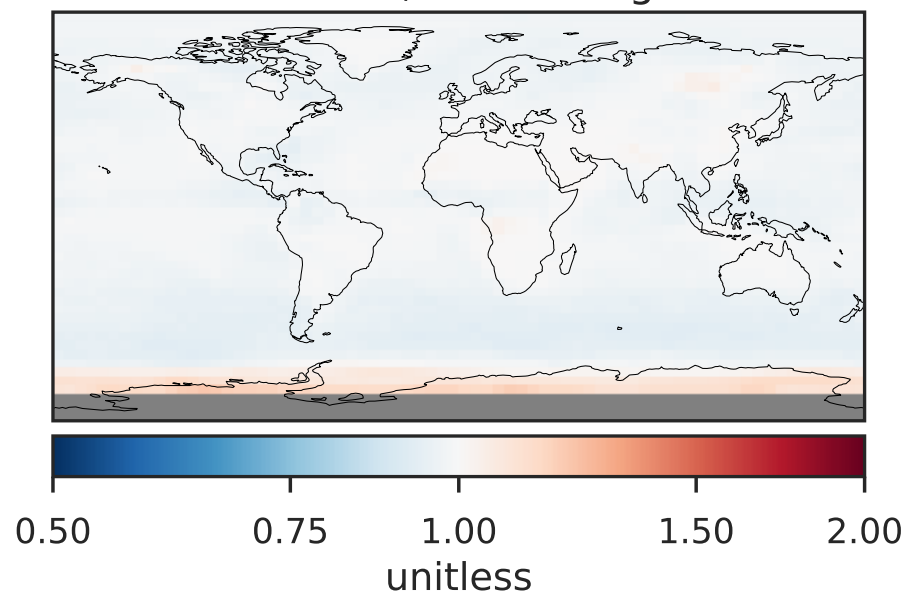
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

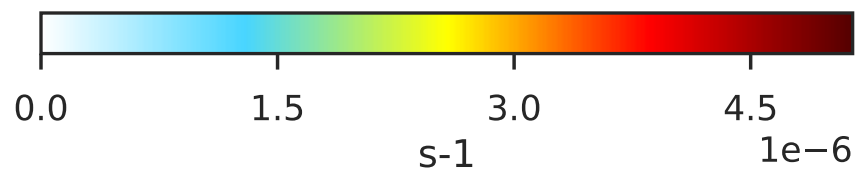
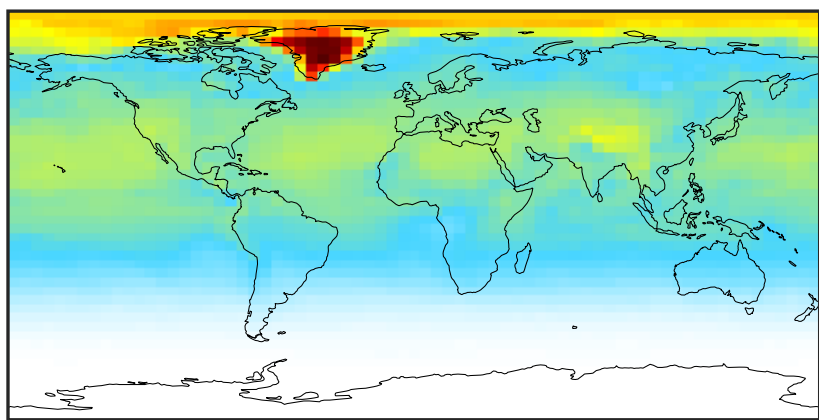


Ratio
Dev/Ref, Fixed Range

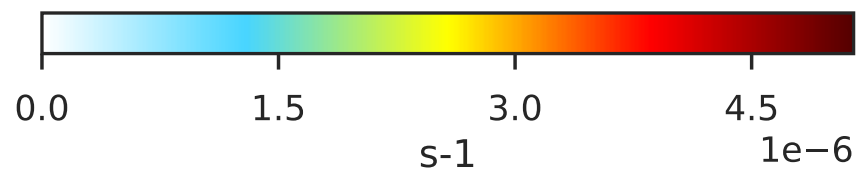
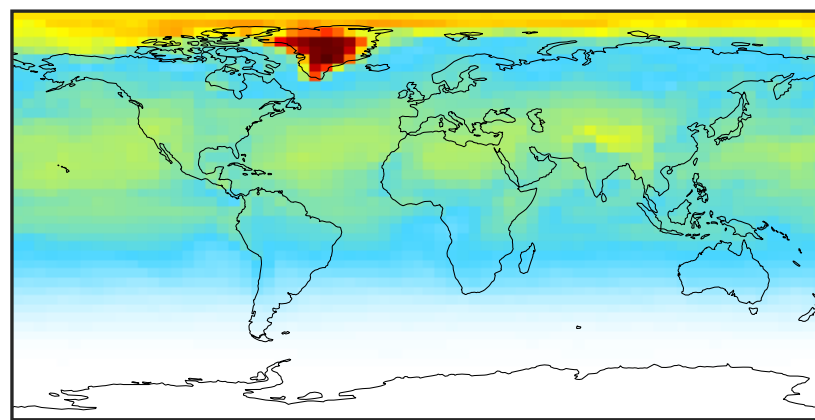


Jval_RA3P (Jul2019)

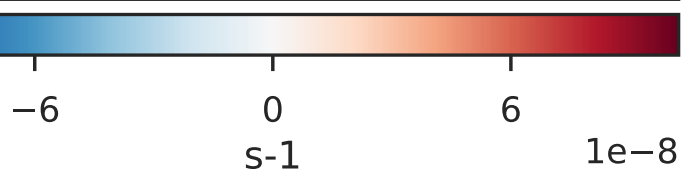
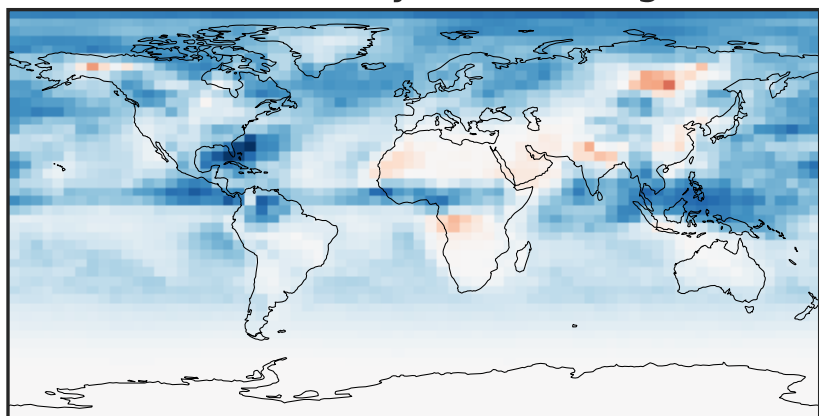
14.2.0-rc.2 (Ref)
4.0x5.0



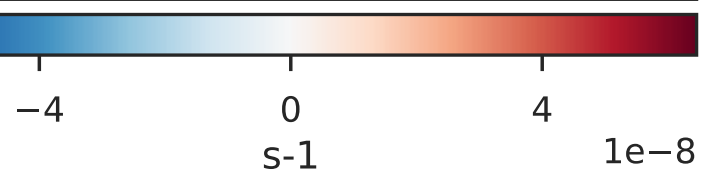
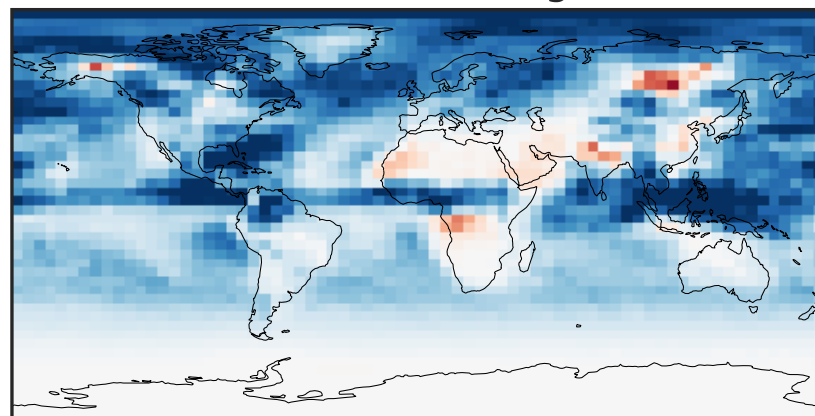
14.3.0-rc.0 (Dev)
4.0x5.0



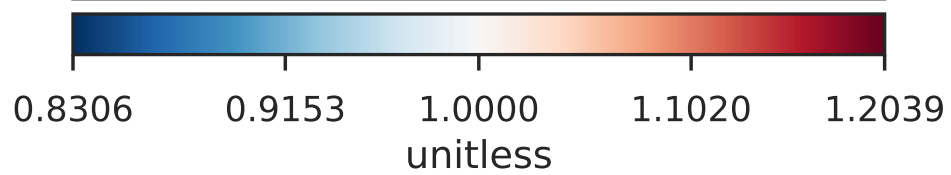
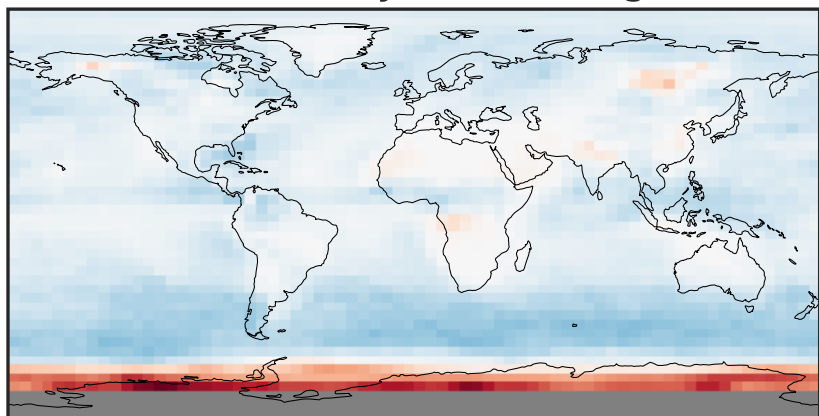
Difference
Dev - Ref, Dynamic Range



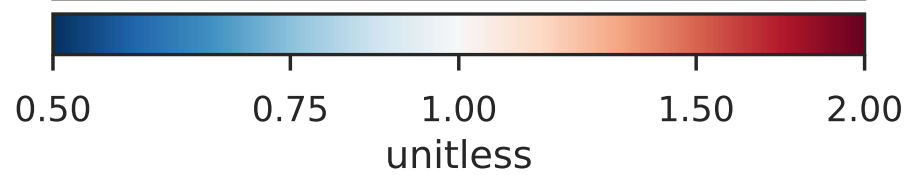
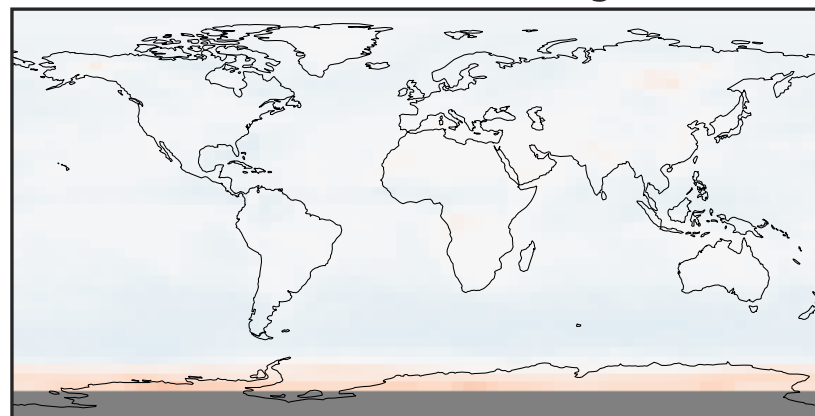
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

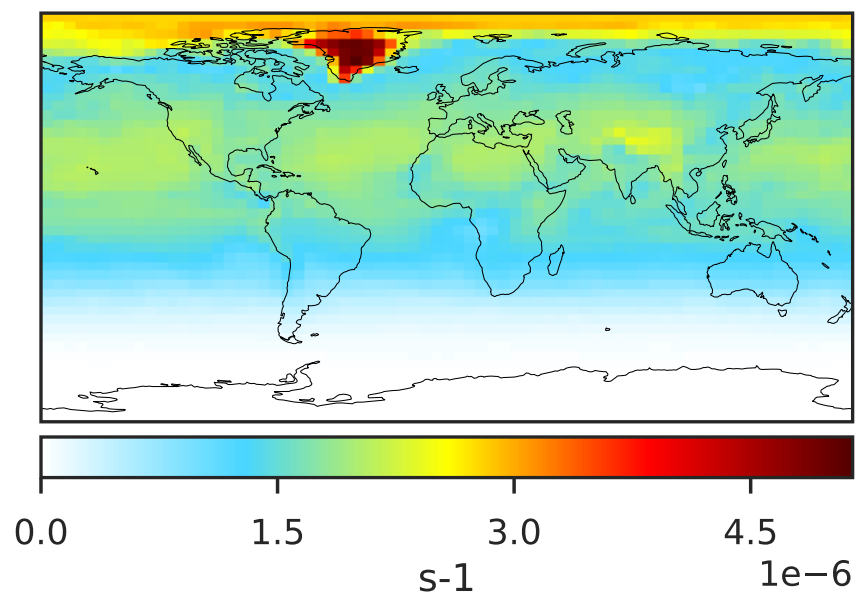


Ratio
Dev/Ref, Fixed Range

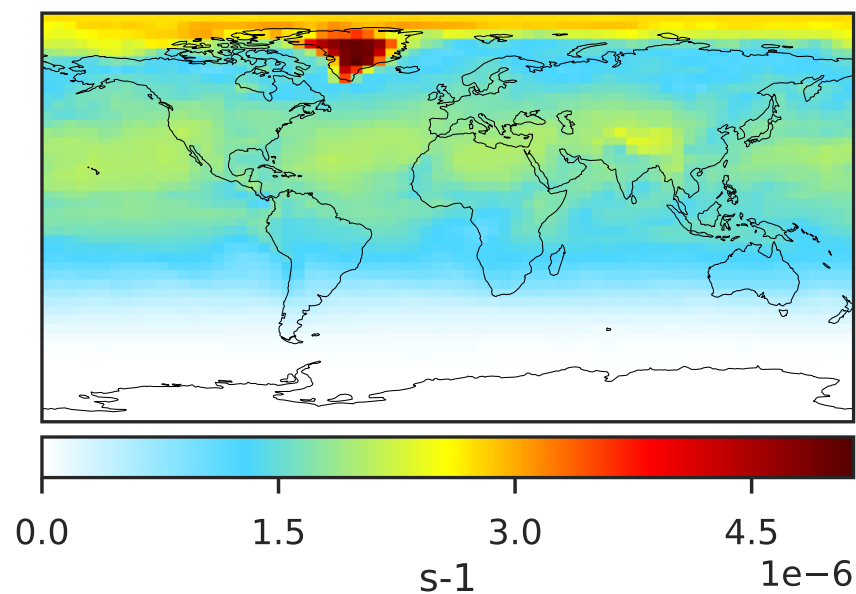


Jval_RB3P (Jul2019)

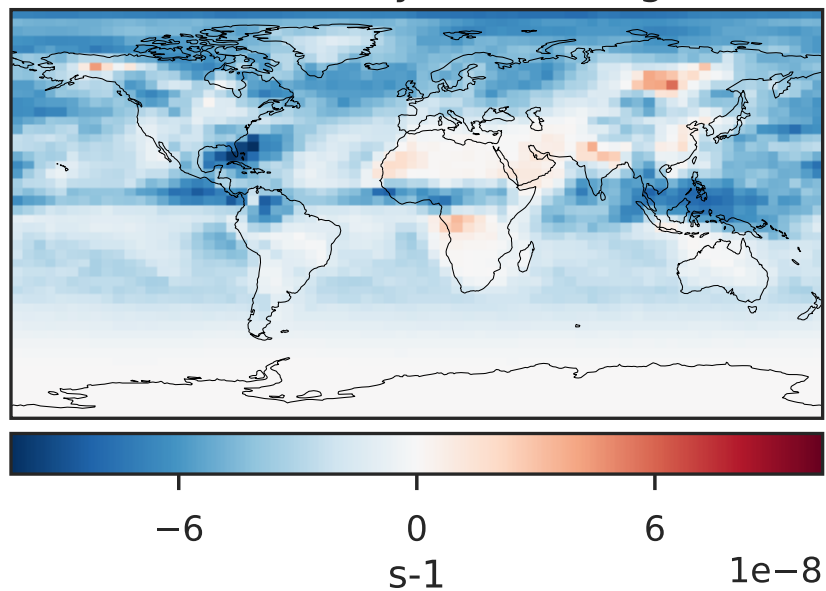
14.2.0-rc.2 (Ref)
4.0x5.0



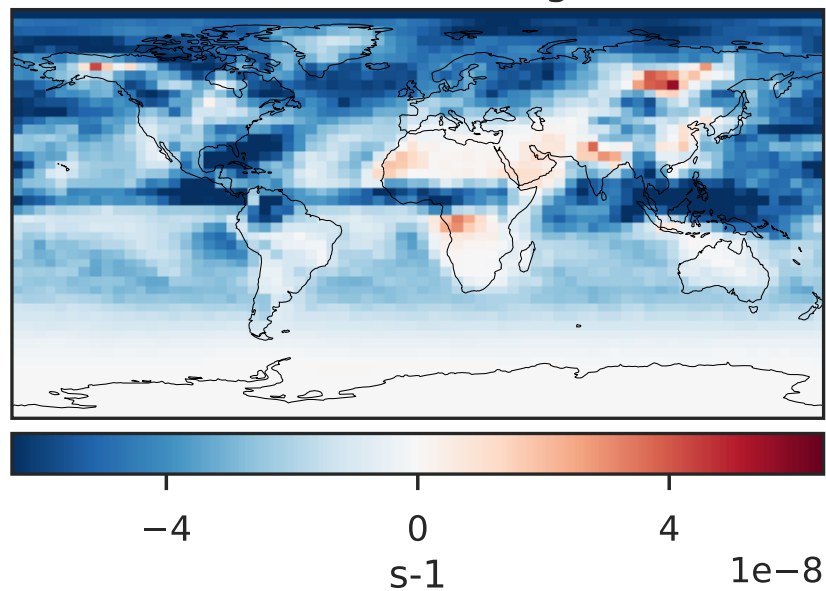
14.3.0-rc.0 (Dev)
4.0x5.0



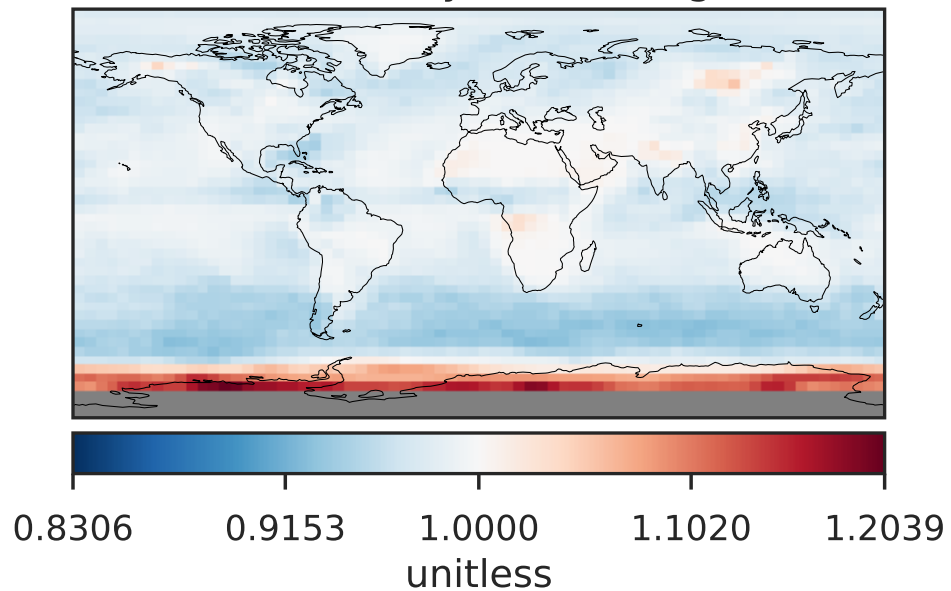
Difference
Dev - Ref, Dynamic Range



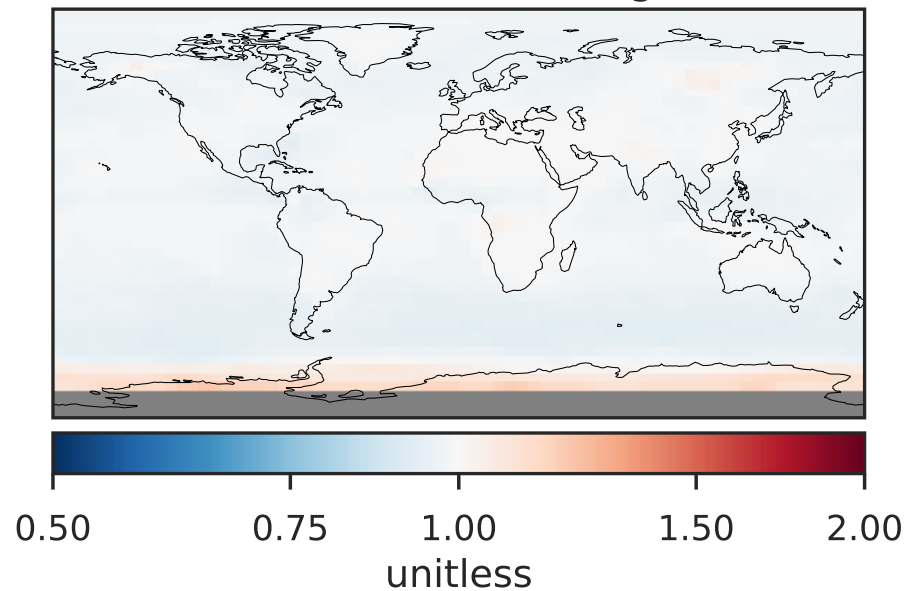
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

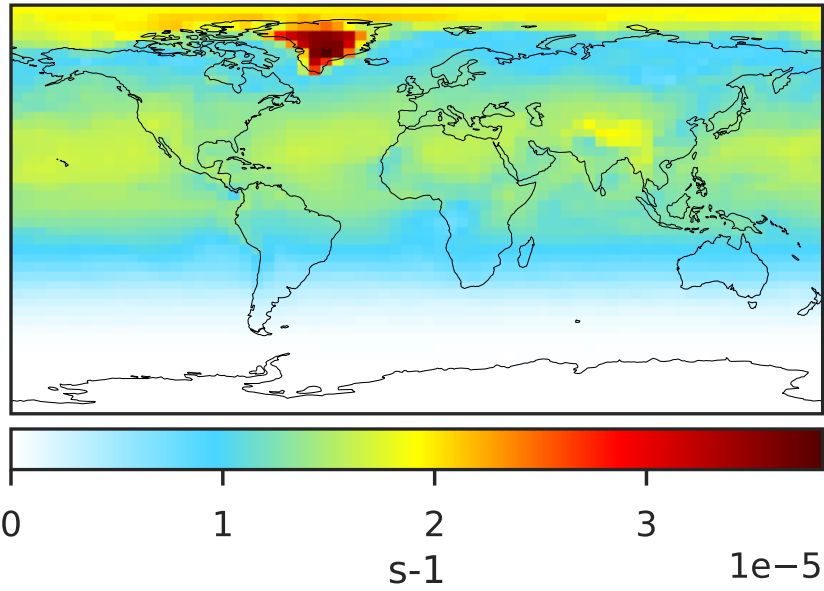


Ratio
Dev/Ref, Fixed Range

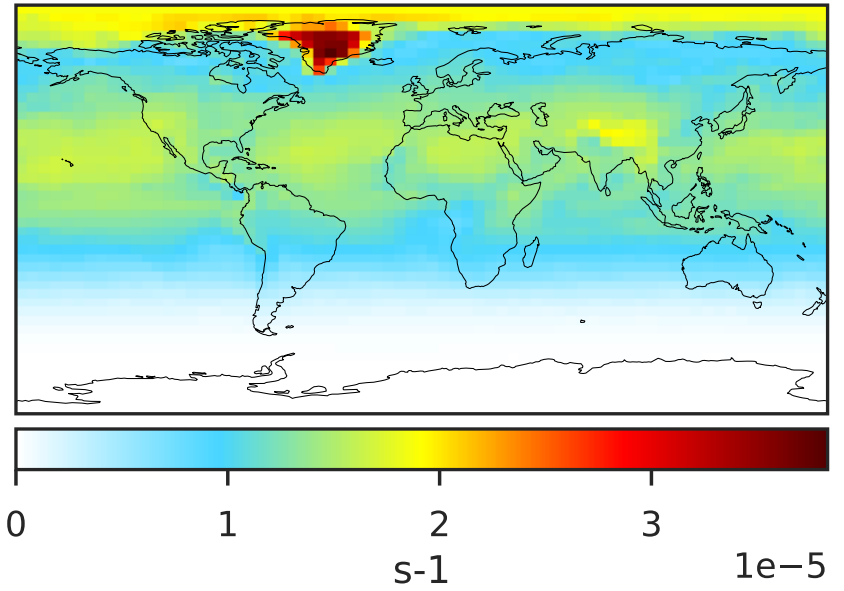


Jval_RCHO (Jul2019)

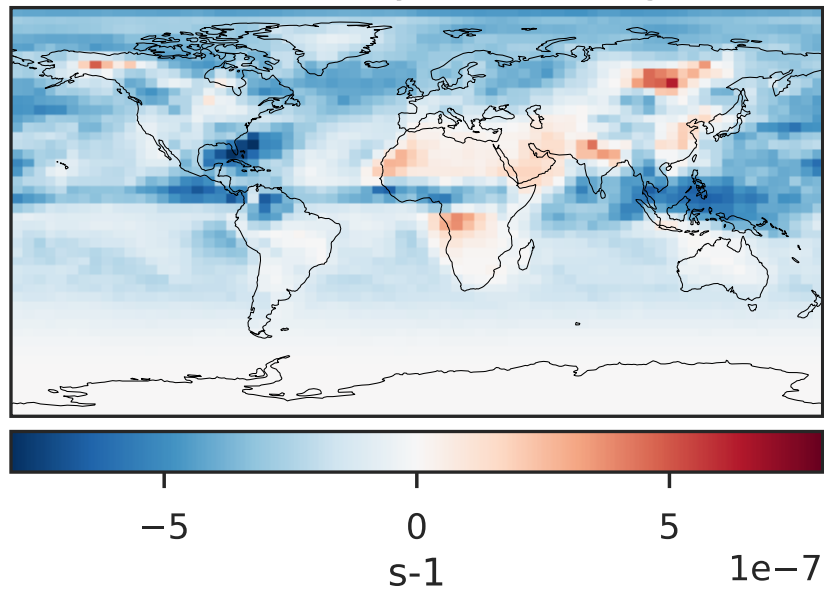
14.2.0-rc.2 (Ref)
4.0x5.0



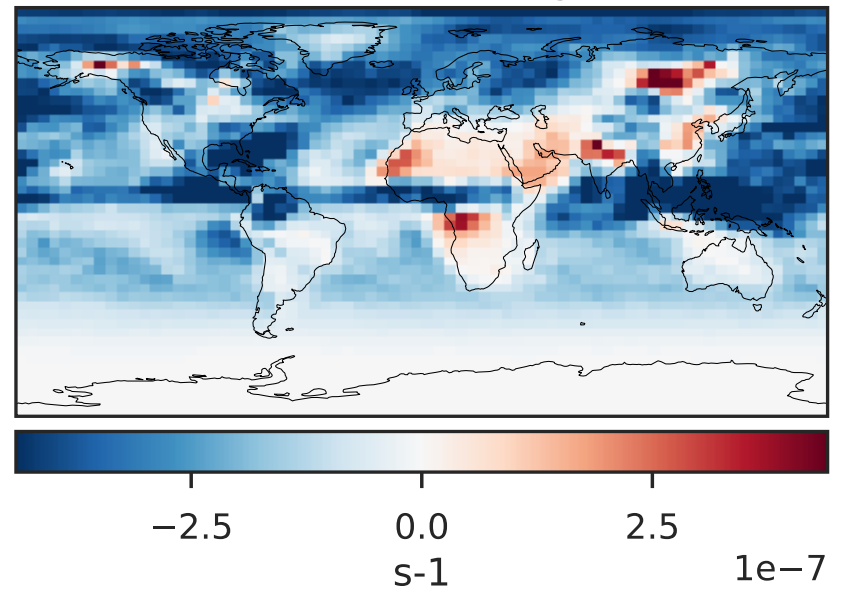
14.3.0-rc.0 (Dev)
4.0x5.0



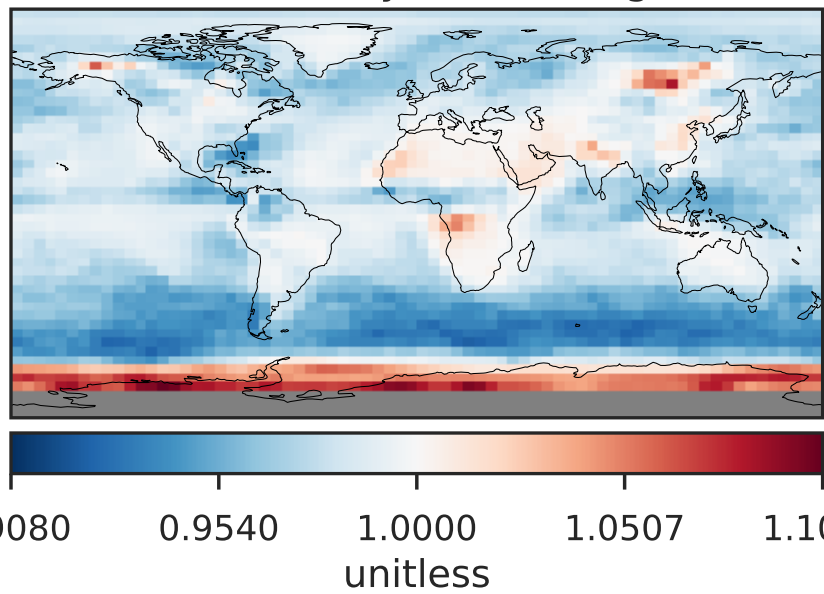
Difference
Dev - Ref, Dynamic Range



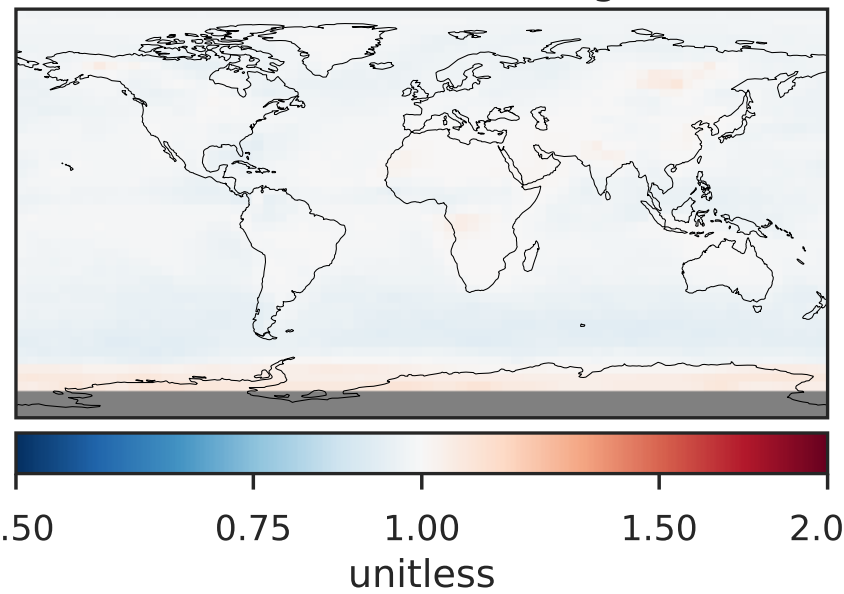
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

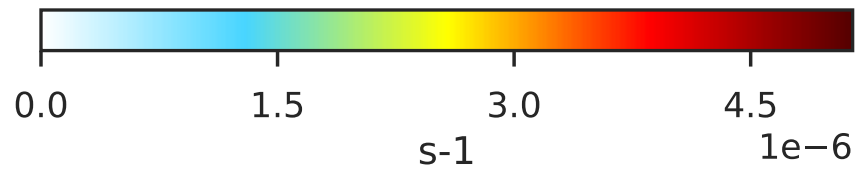
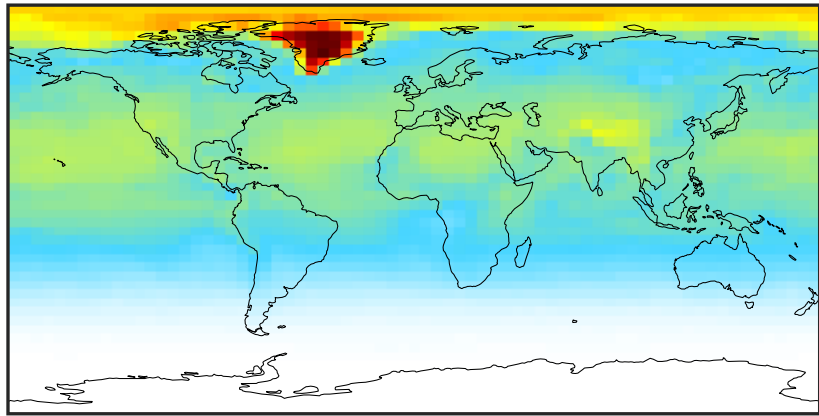


Ratio
Dev/Ref, Fixed Range

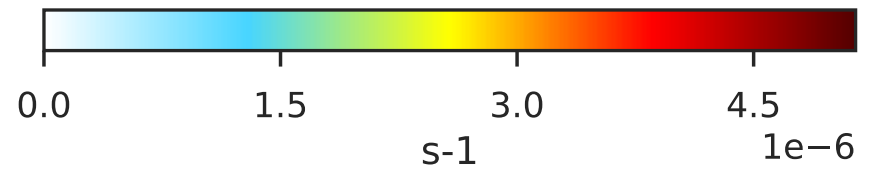
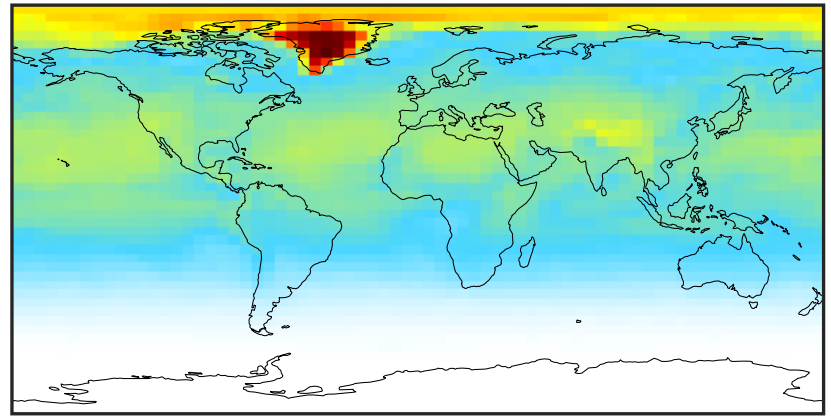


Jval_RIPA (Jul2019)

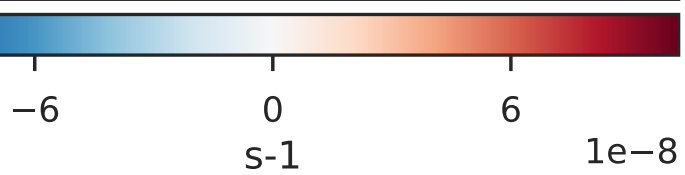
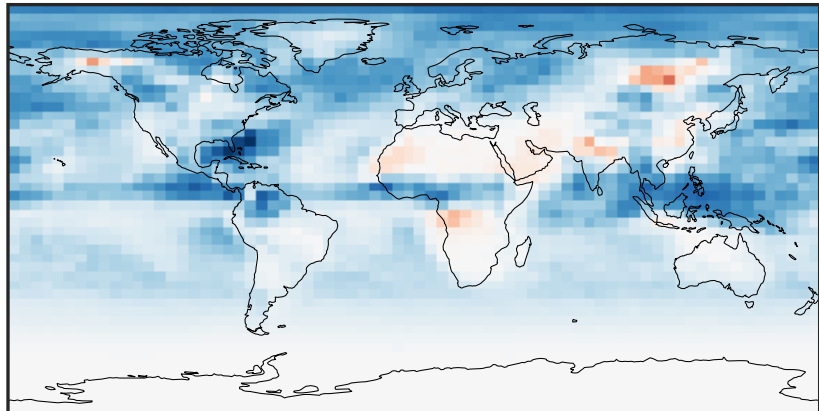
14.2.0-rc.2 (Ref)
4.0x5.0



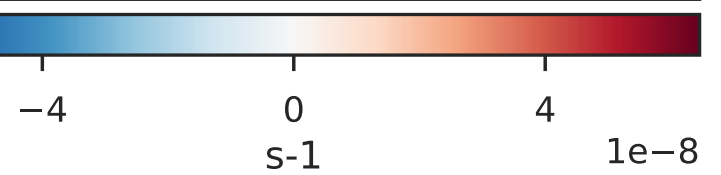
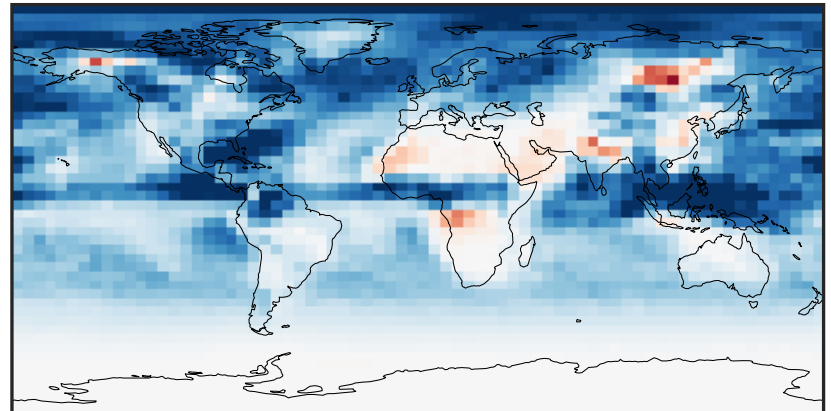
14.3.0-rc.0 (Dev)
4.0x5.0



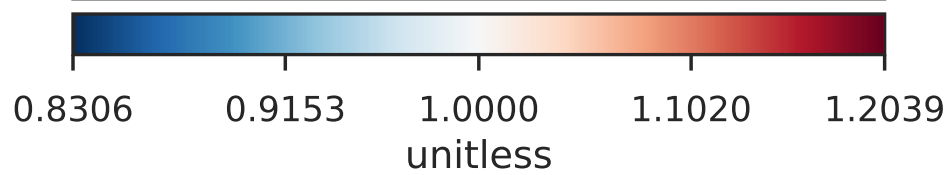
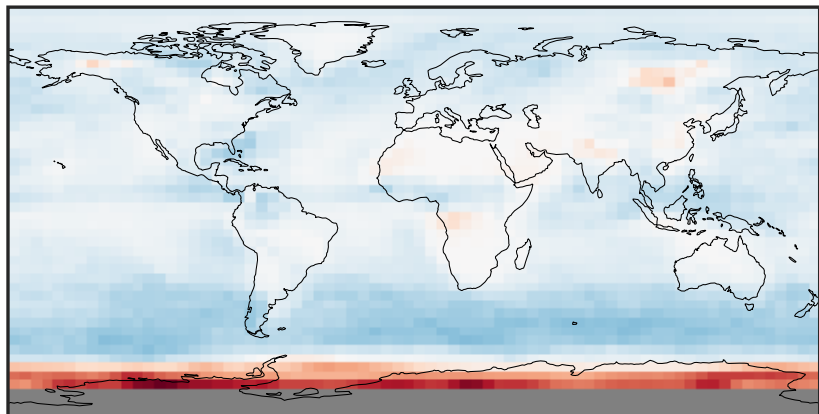
Difference
Dev - Ref, Dynamic Range



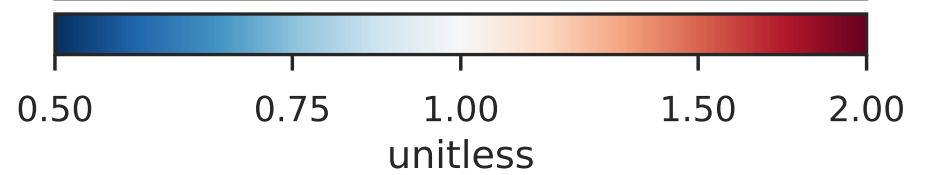
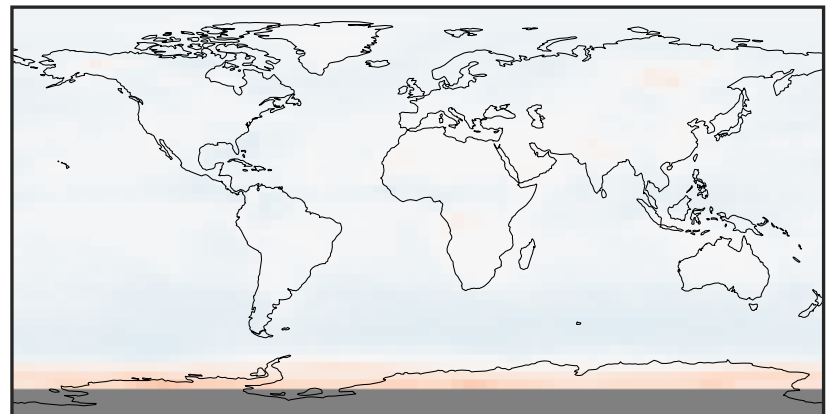
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

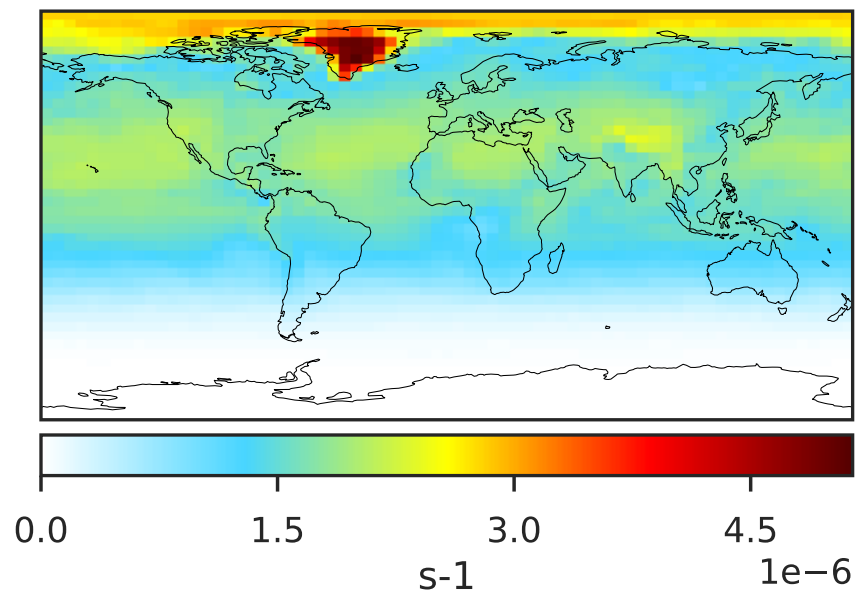


Ratio
Dev/Ref, Fixed Range

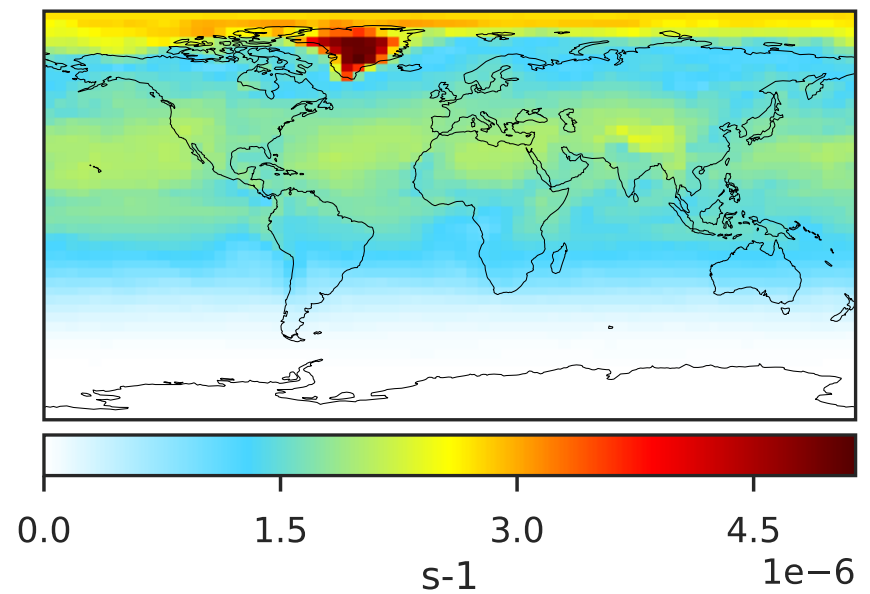


Jval_RIPB (Jul2019)

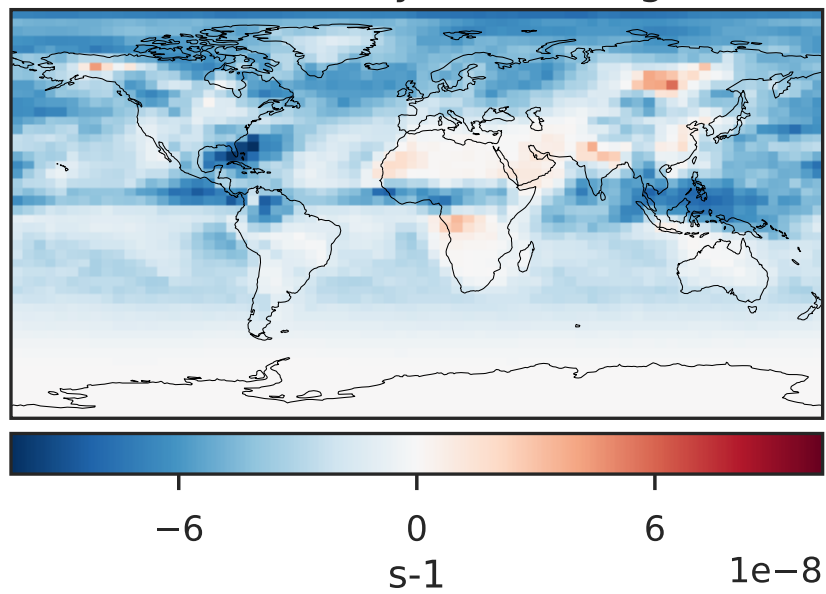
14.2.0-rc.2 (Ref)
4.0x5.0



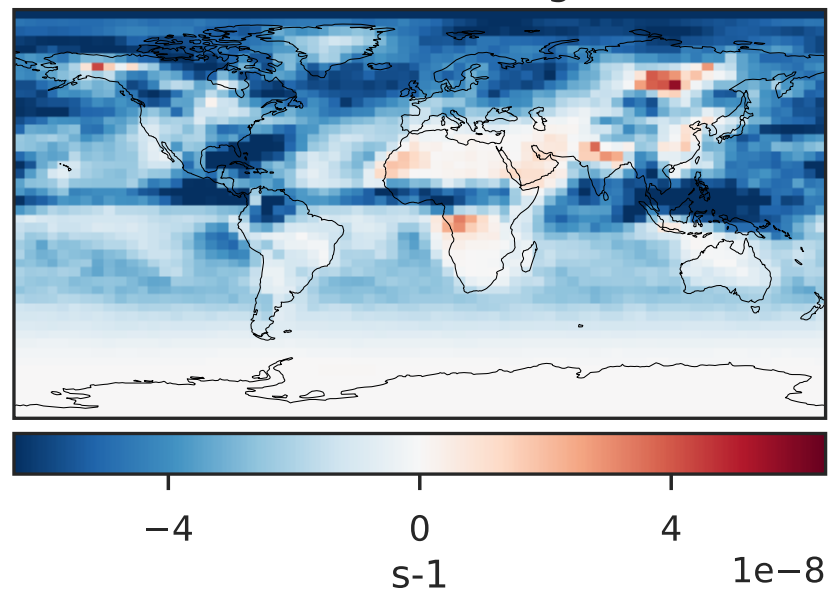
14.3.0-rc.0 (Dev)
4.0x5.0



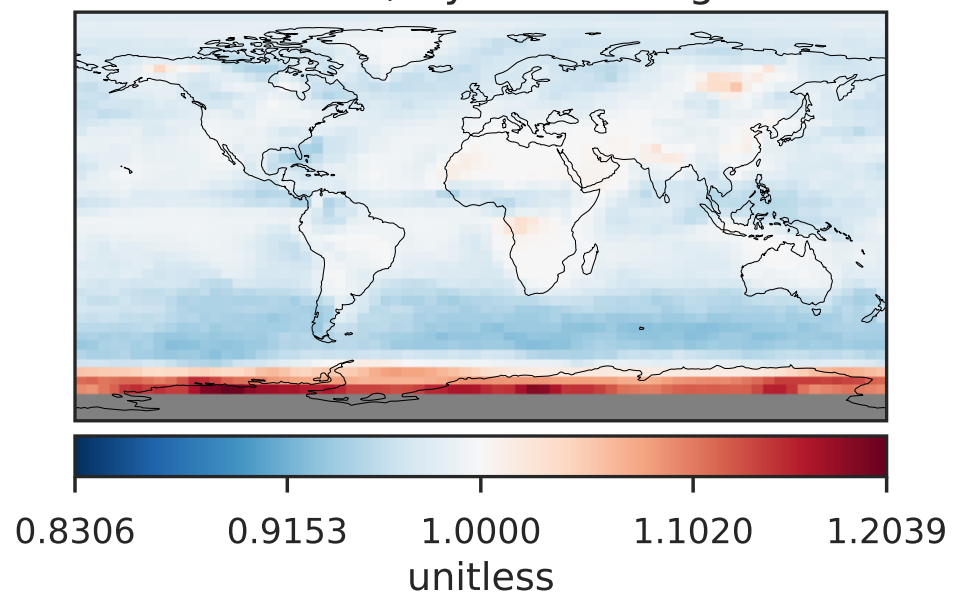
Difference
Dev - Ref, Dynamic Range



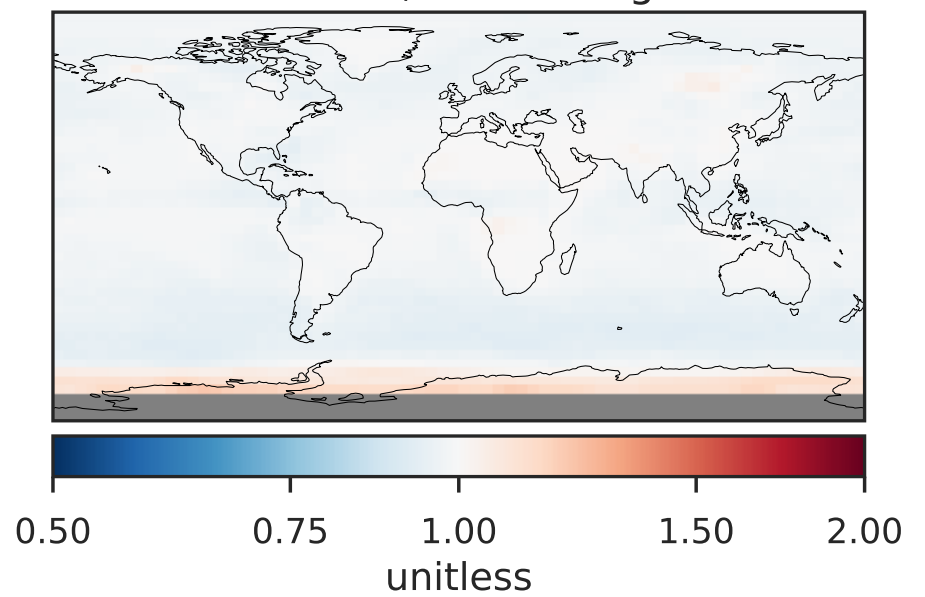
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

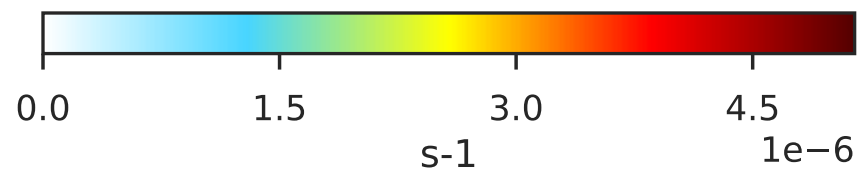
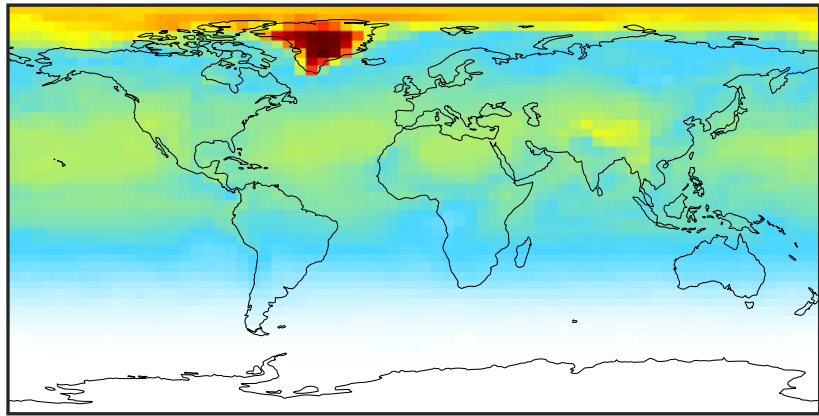


Ratio
Dev/Ref, Fixed Range

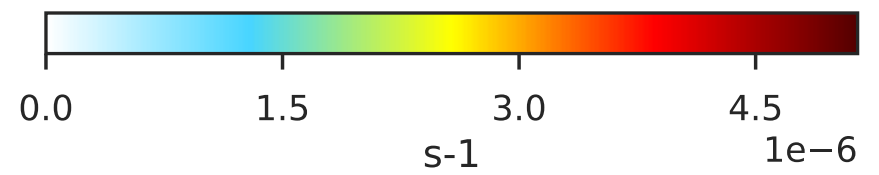
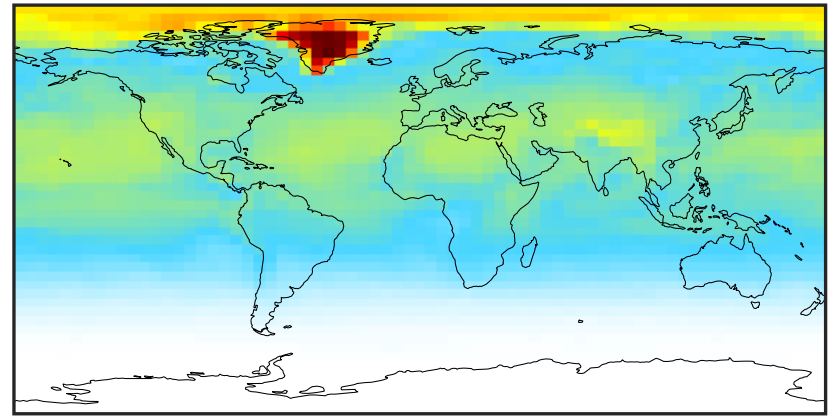


Jval_RIPC (Jul2019)

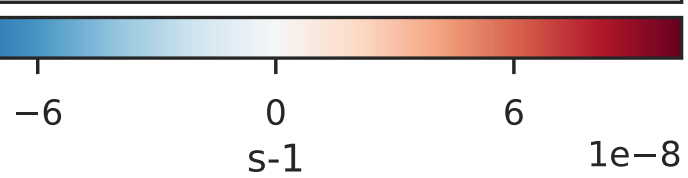
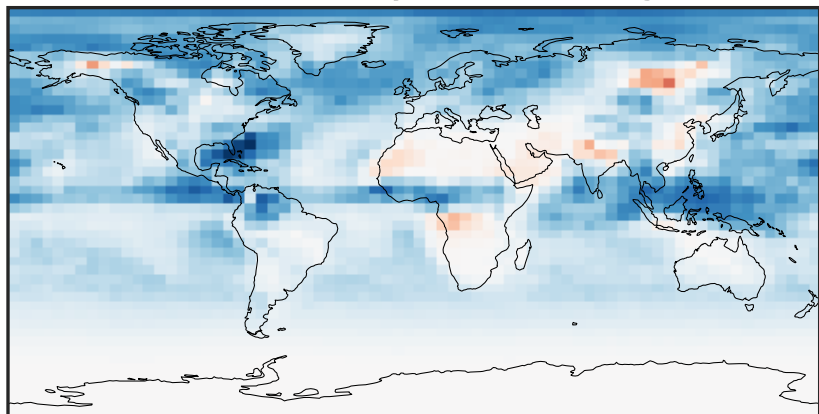
14.2.0-rc.2 (Ref)
4.0x5.0



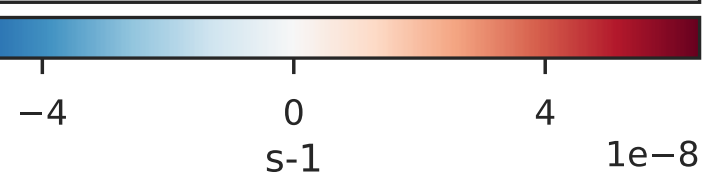
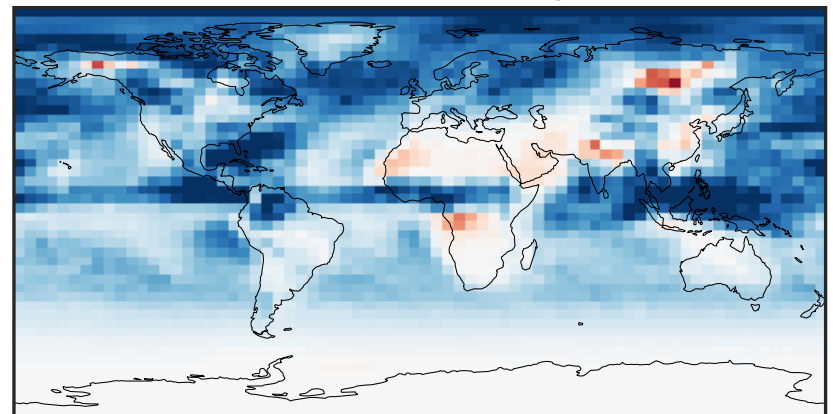
14.3.0-rc.0 (Dev)
4.0x5.0



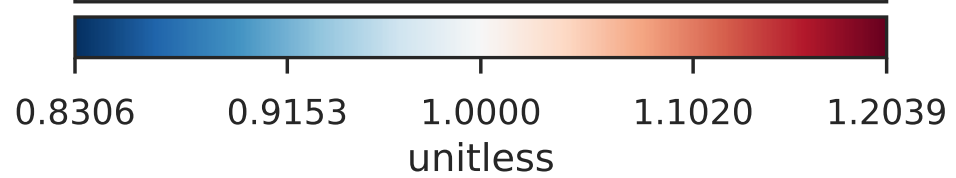
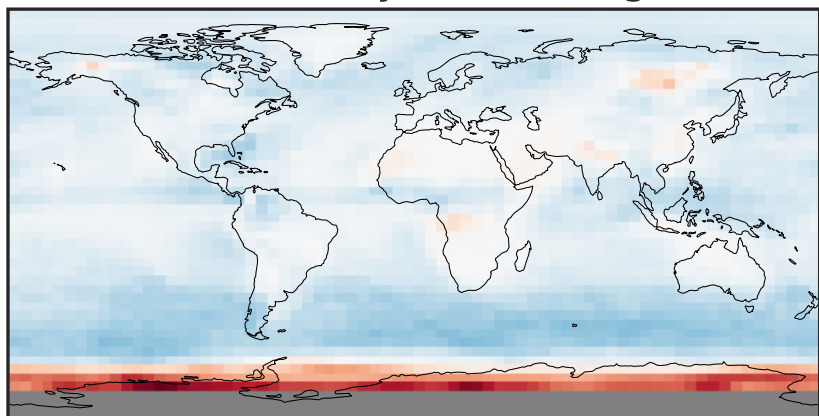
Difference
Dev - Ref, Dynamic Range



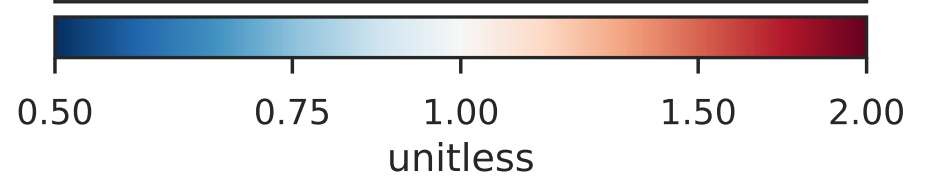
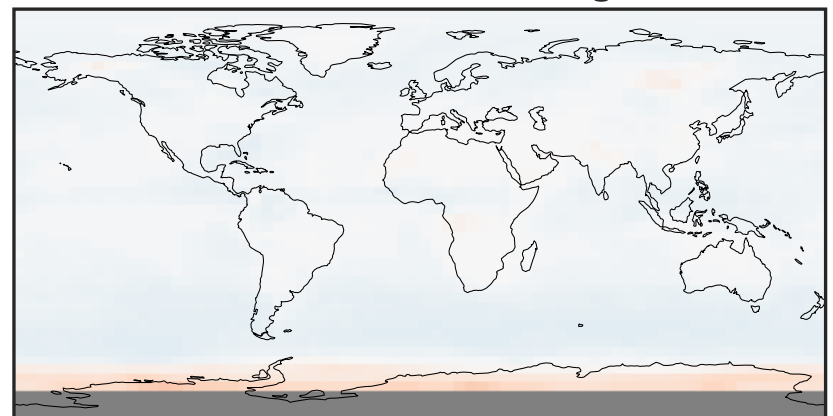
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

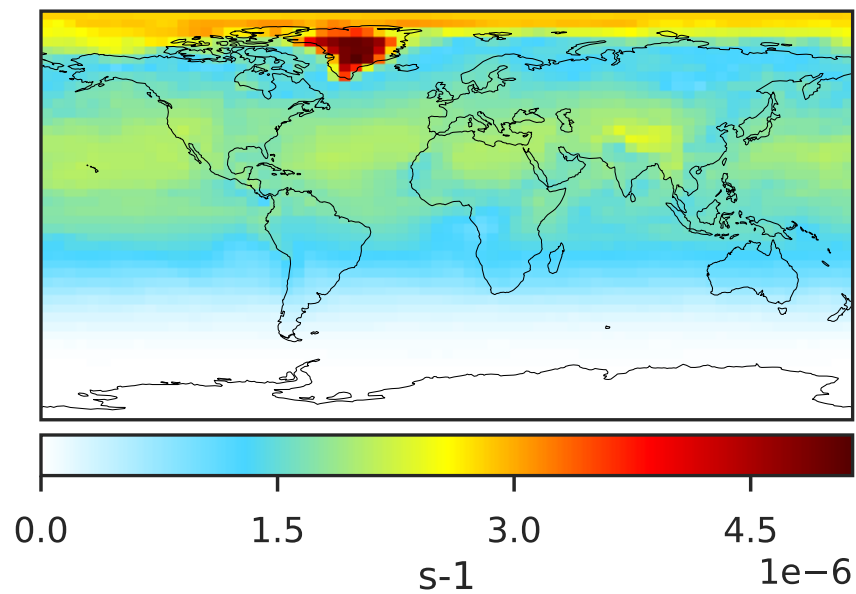


Ratio
Dev/Ref, Fixed Range

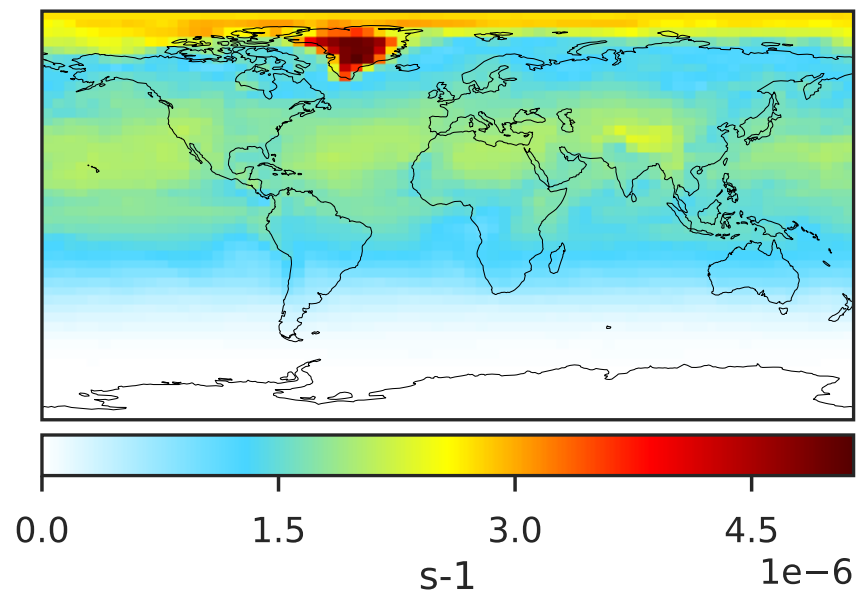


Jval_RIPD (Jul2019)

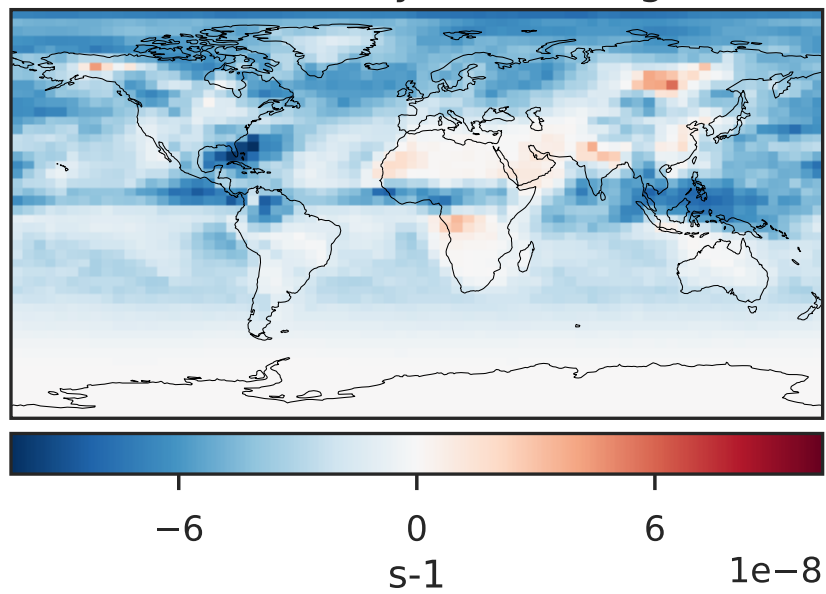
14.2.0-rc.2 (Ref)
4.0x5.0



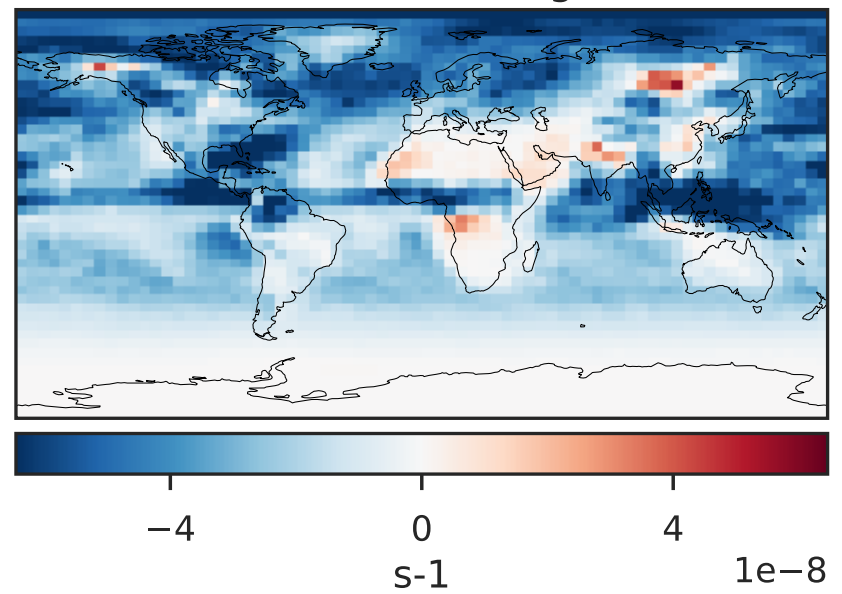
14.3.0-rc.0 (Dev)
4.0x5.0



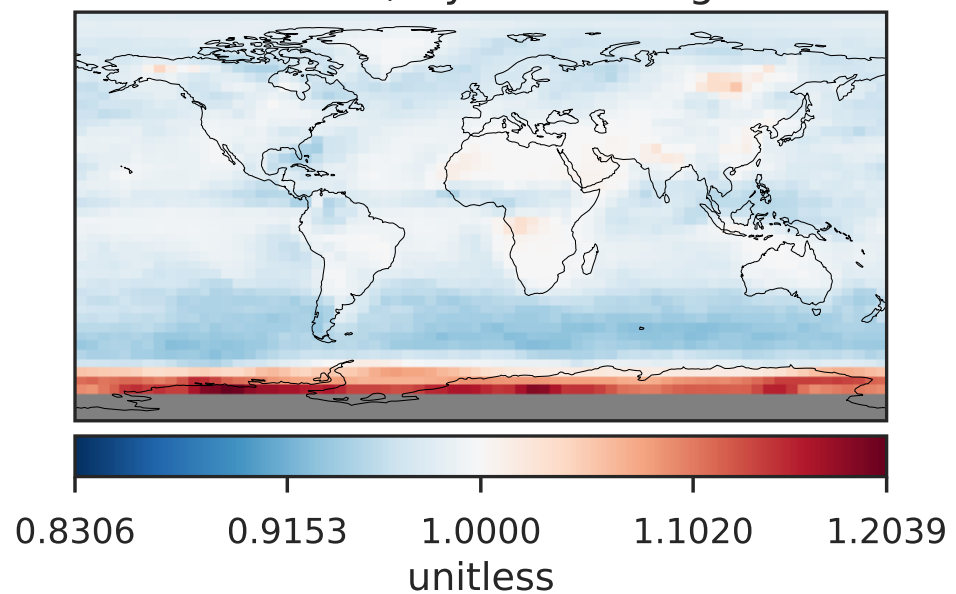
Difference
Dev - Ref, Dynamic Range



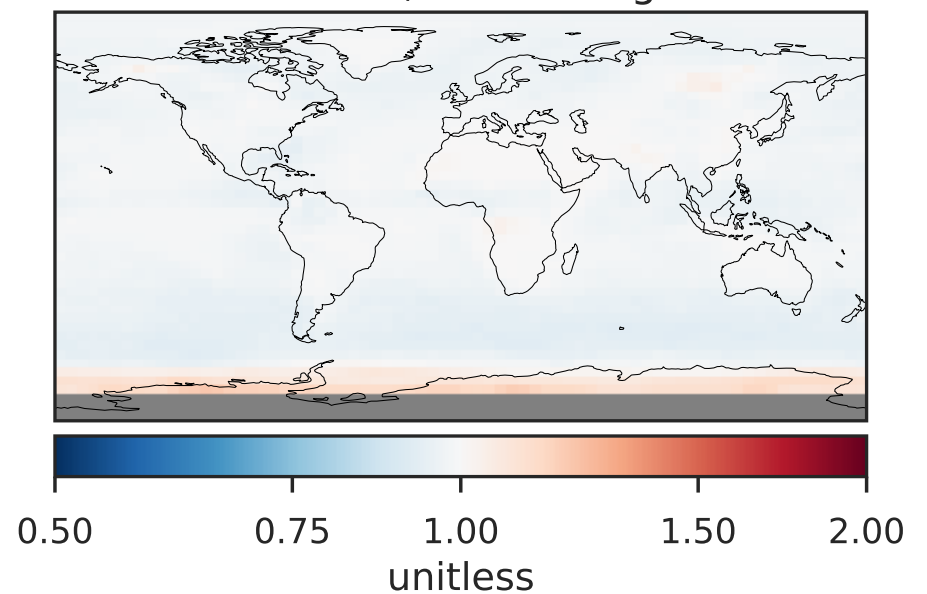
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

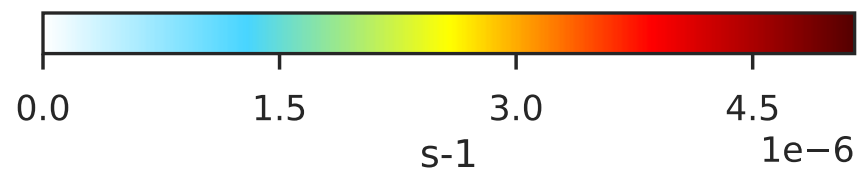
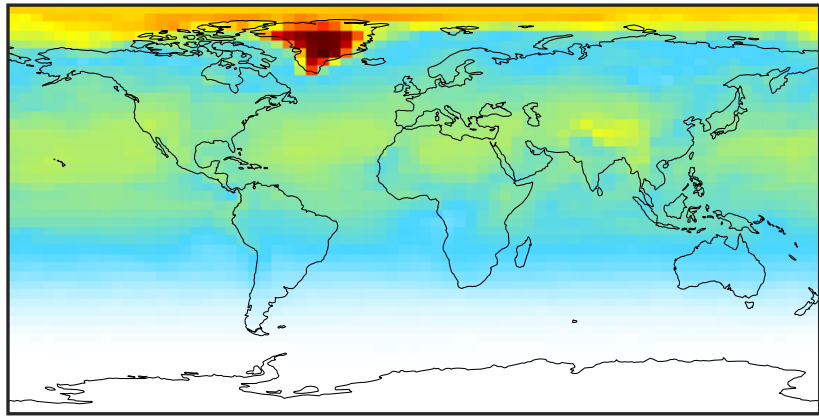


Ratio
Dev/Ref, Fixed Range

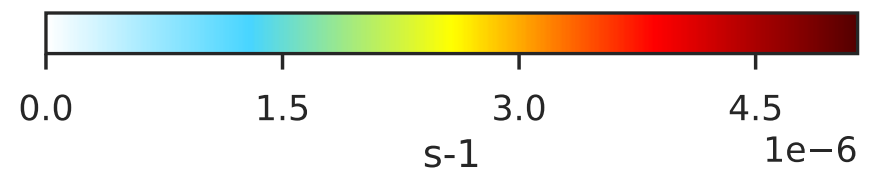
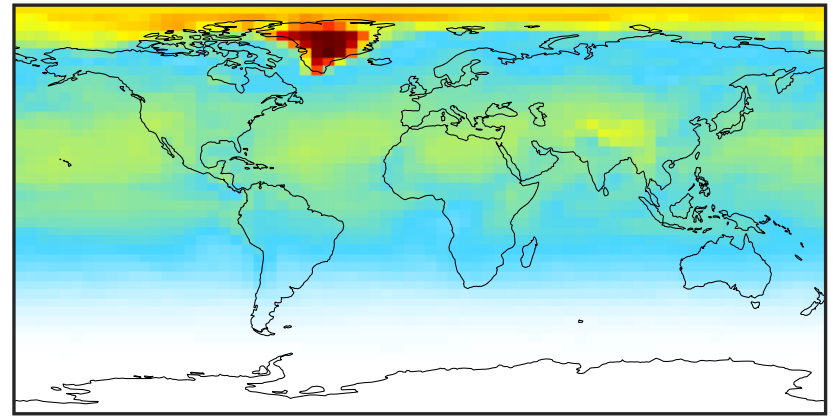


Jval_RP (Jul2019)

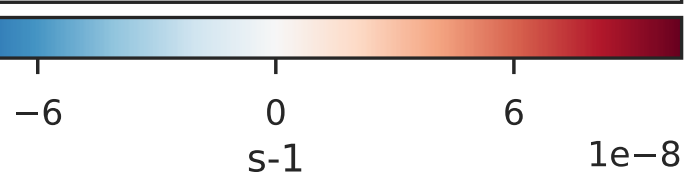
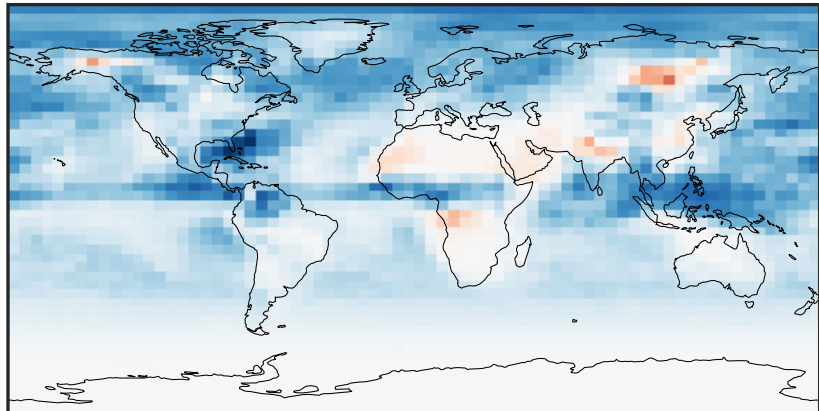
14.2.0-rc.2 (Ref)
4.0x5.0



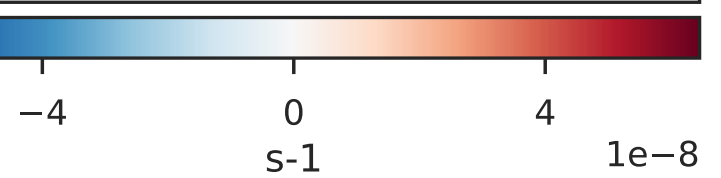
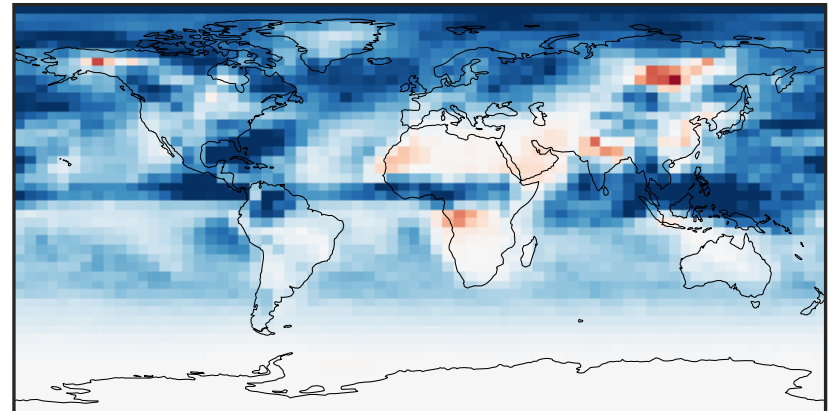
14.3.0-rc.0 (Dev)
4.0x5.0



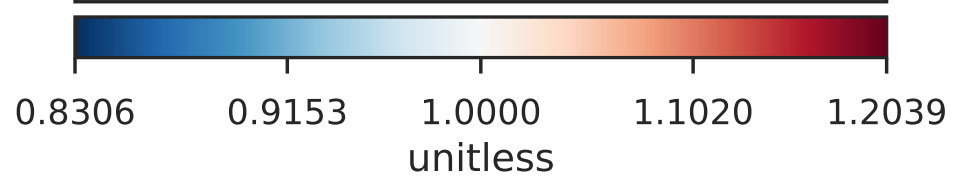
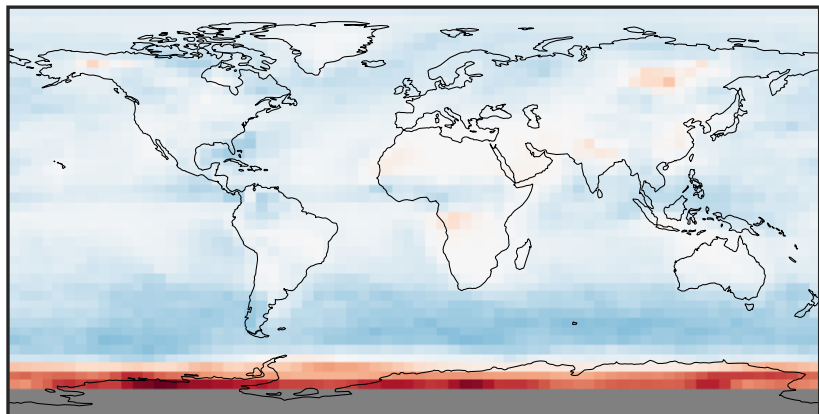
Difference
Dev - Ref, Dynamic Range



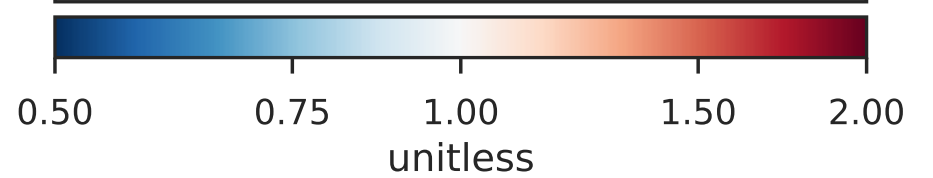
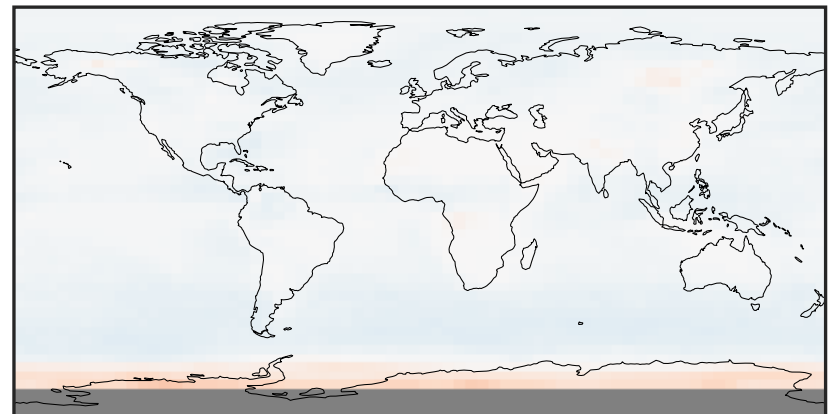
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

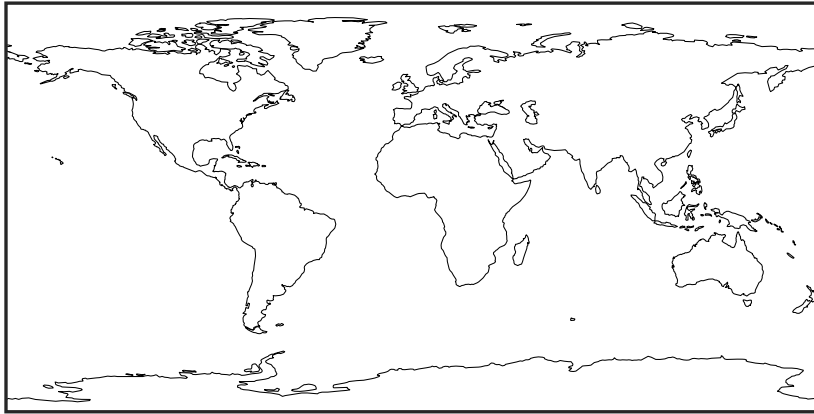


Ratio
Dev/Ref, Fixed Range



Jval_SO4 (Jul2019)

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



Zero throughout domain
s-1

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



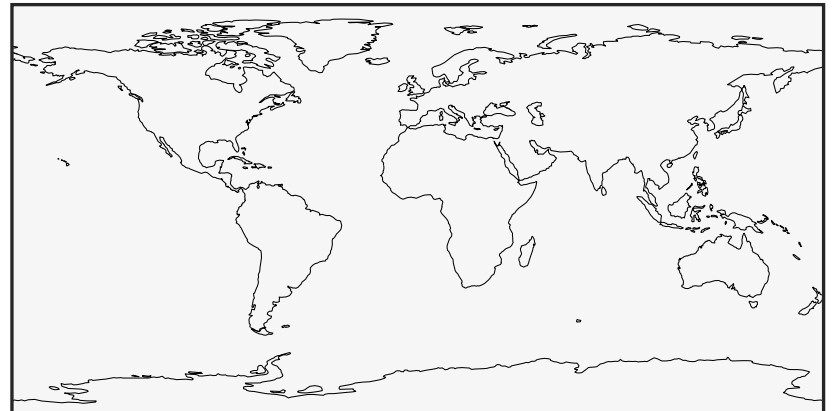
Zero throughout domain
s-1

Difference
Dev - Ref, Dynamic Range



Zero throughout domain
s-1

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



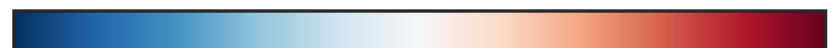
Zero throughout domain
s-1

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range



Undefined throughout domain
unitless