Jval_ACET
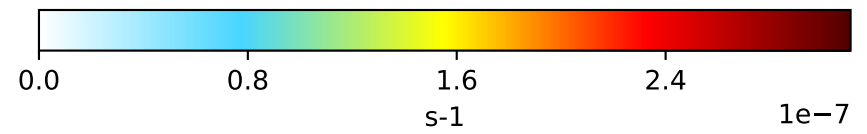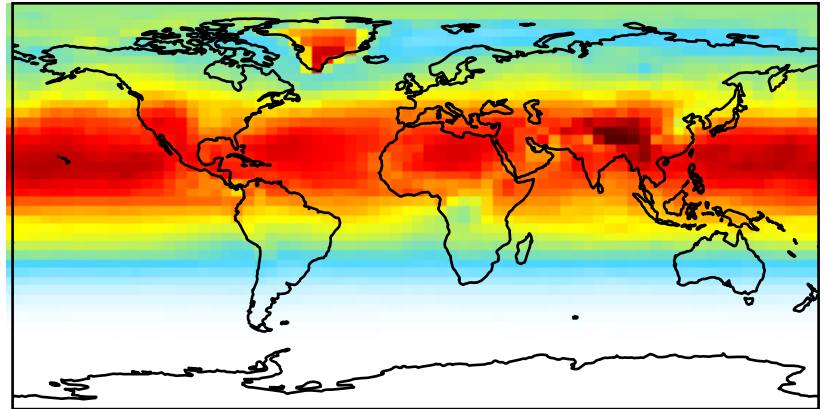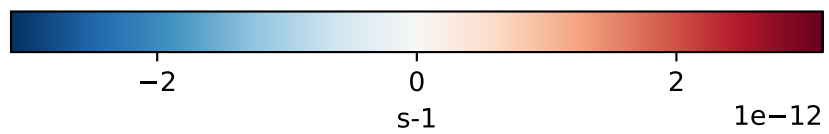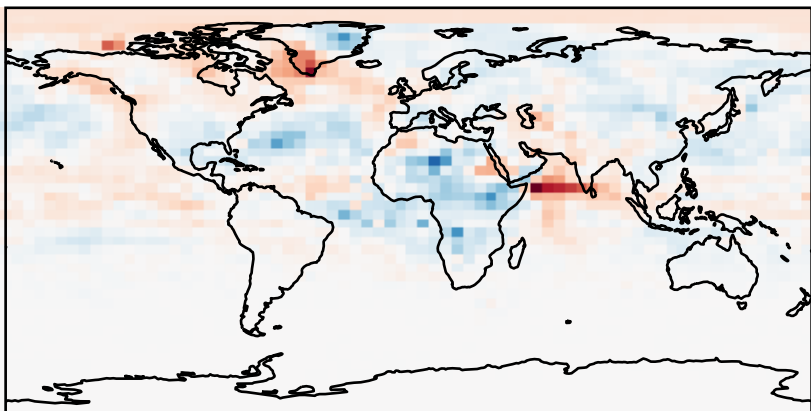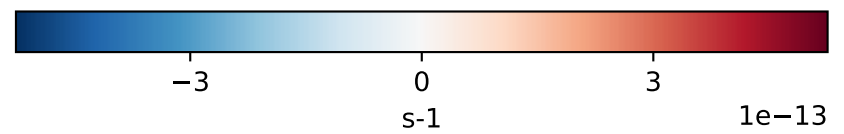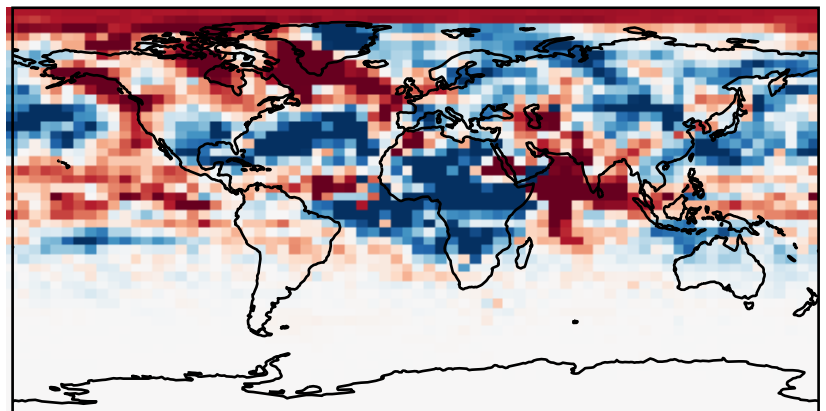

GC_12.7.0-rc.1 (Ref)
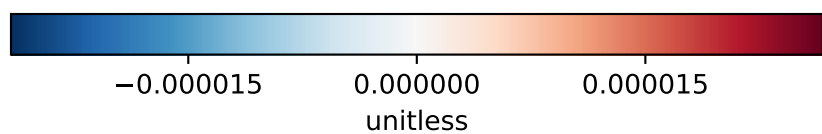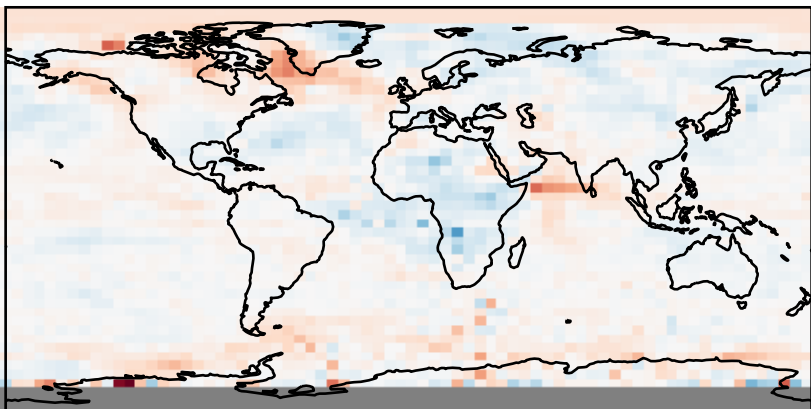4x5

GC_12.7.0-rc.2 (Dev)
4x5

Difference
Dev - Ref, Dynamic Range

Difference
Dev - Ref, Restricted Range [5%,95%]
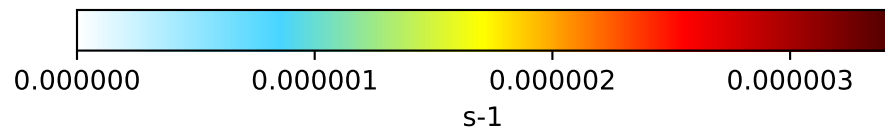
Fractional Difference
(Dev-Ref)/Ref, Dynamic Range

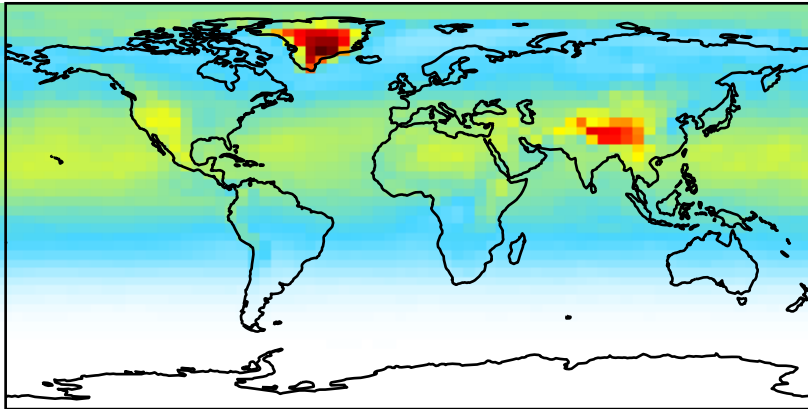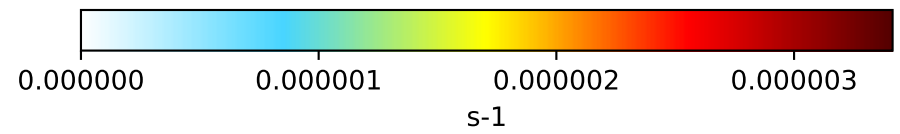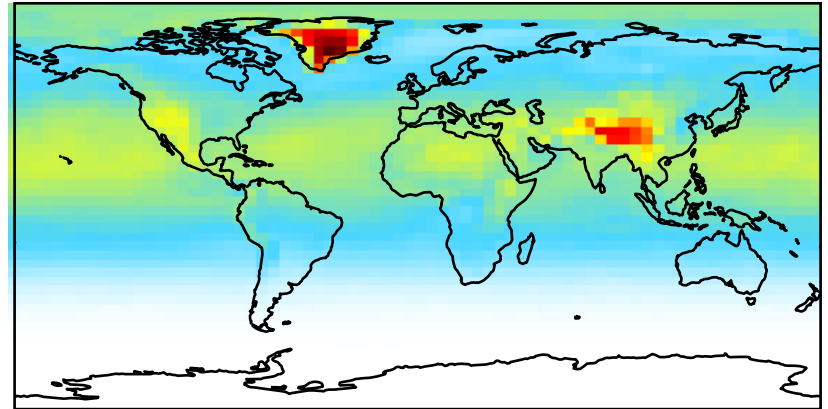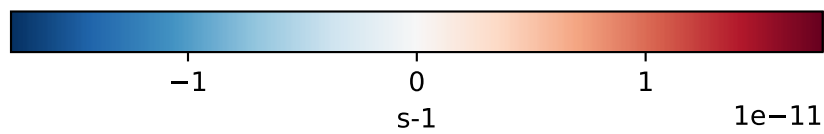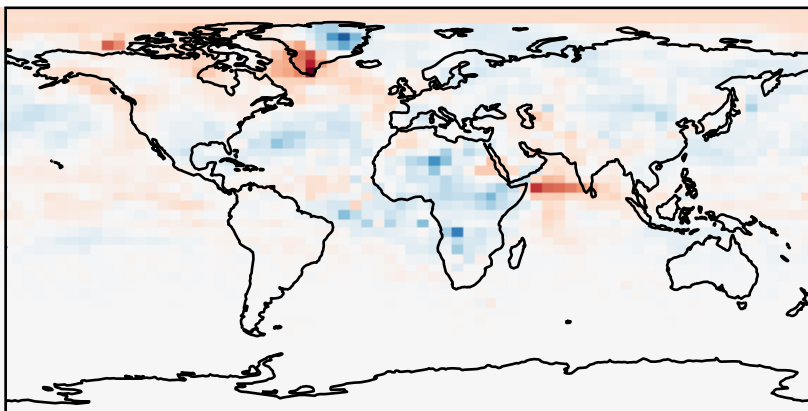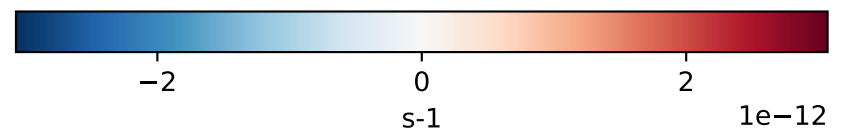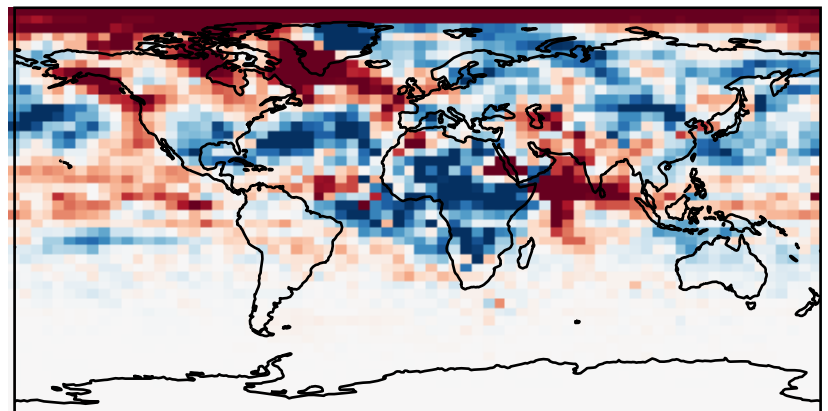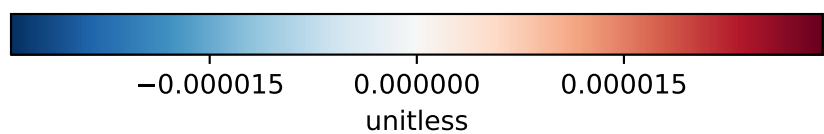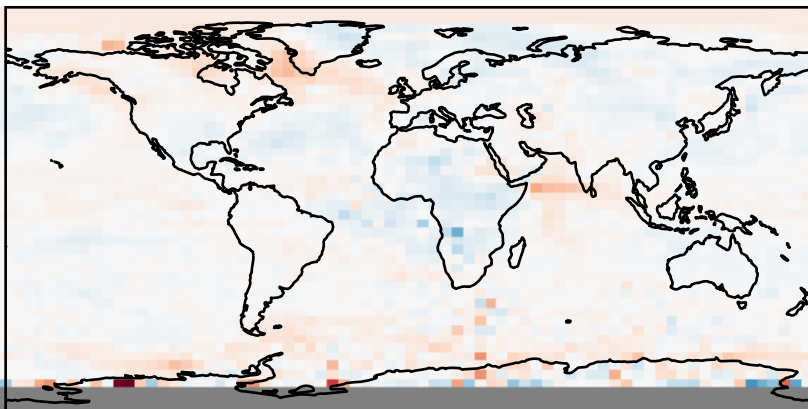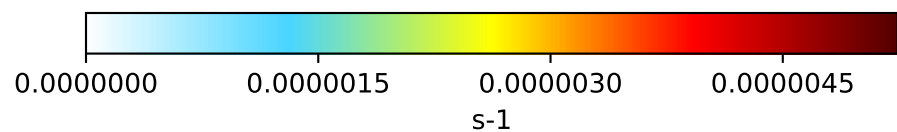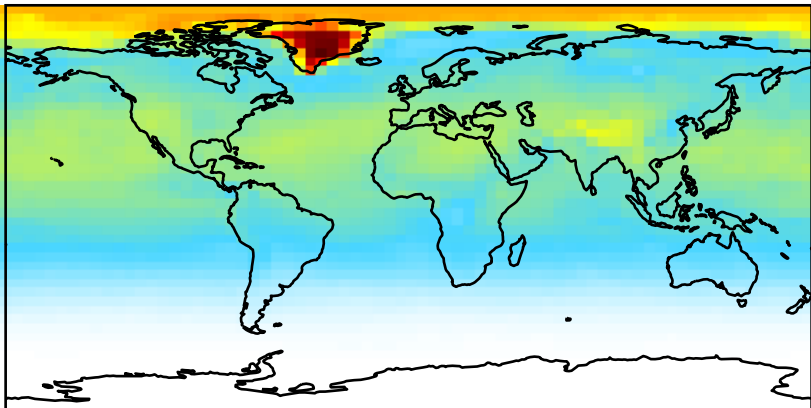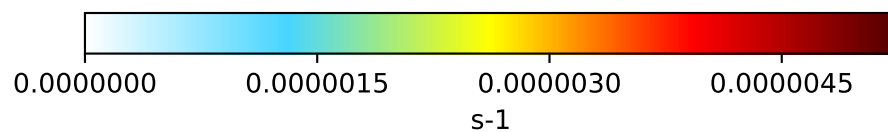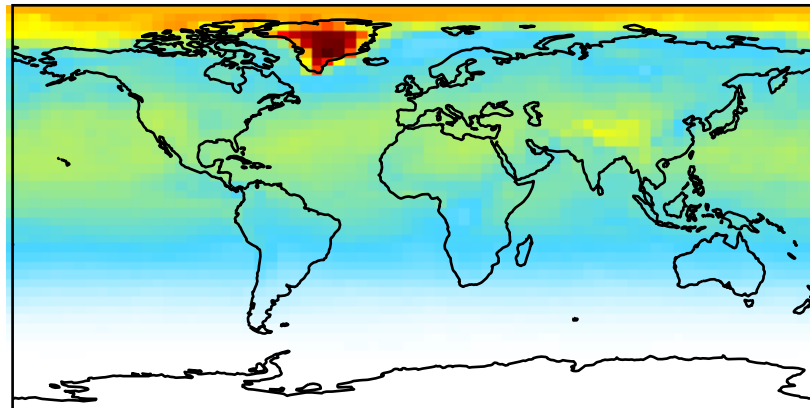Fractional Difference
(Dev-Ref)/Ref, Fixed Range
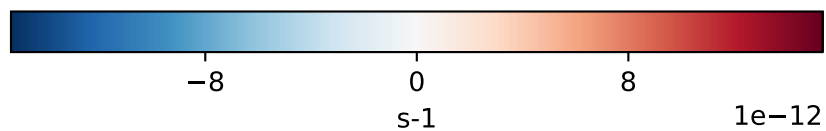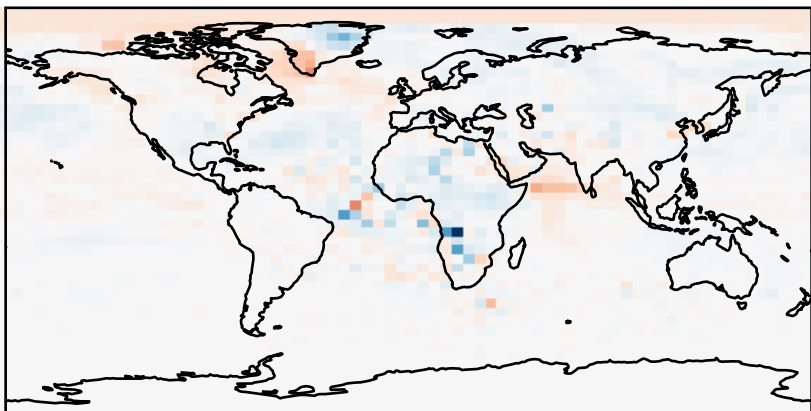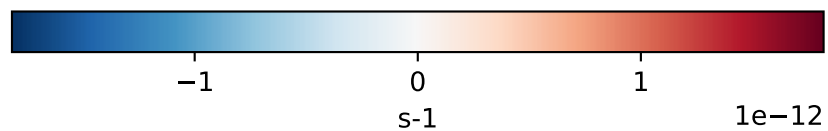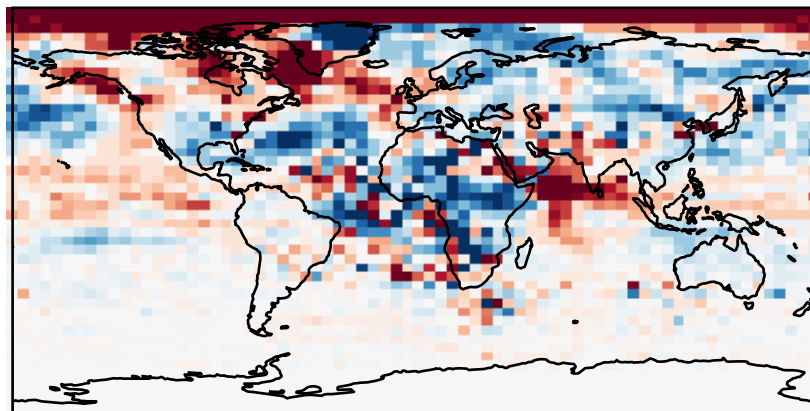
Jval_ALD2

Jval_ATOOH

Jval_Br2

Jval_BrCl

Jval_BrNO2

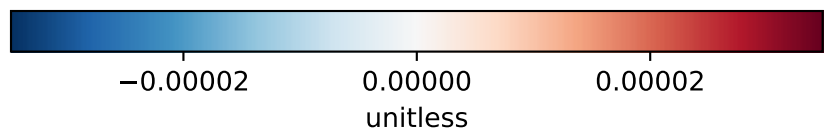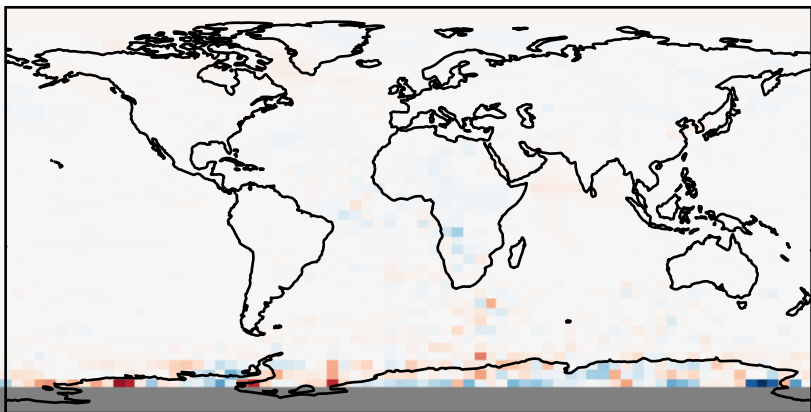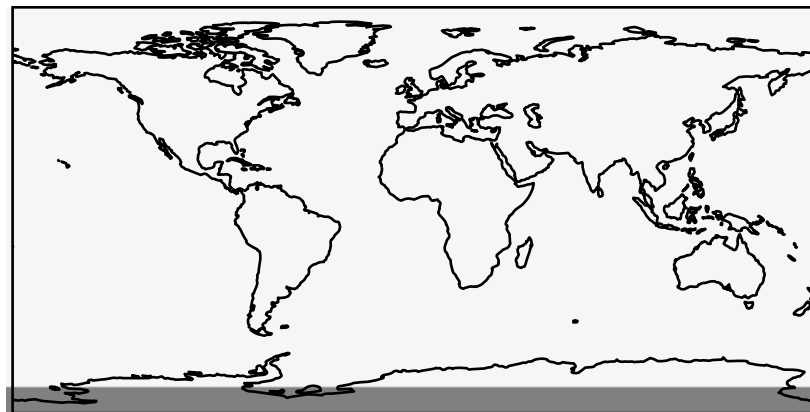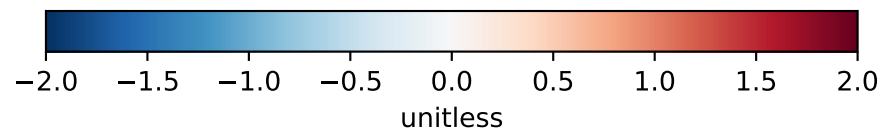GC_12.7.0-rc.1 (Ref)
4x5

GC_12.7.0-rc.2 (Dev)
4x5

s-1

s-1

Difference
Dev - Ref, Dynamic Range

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

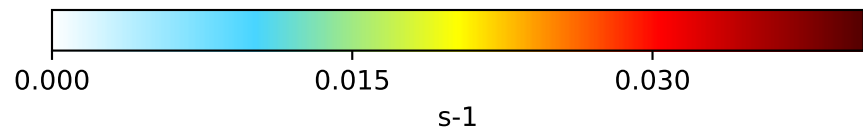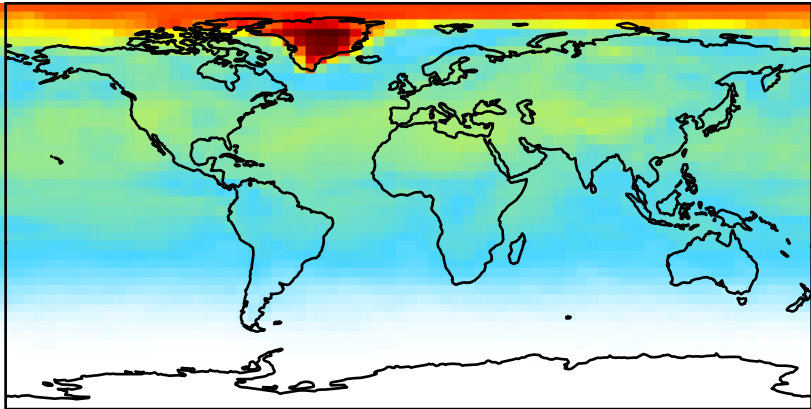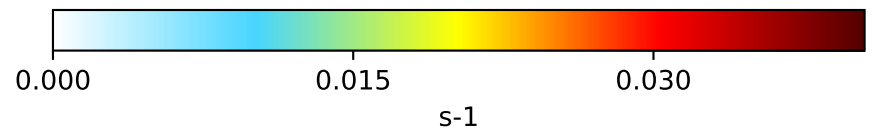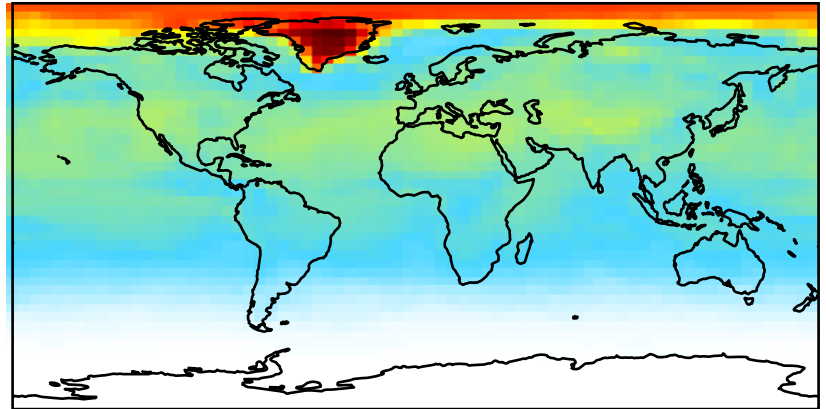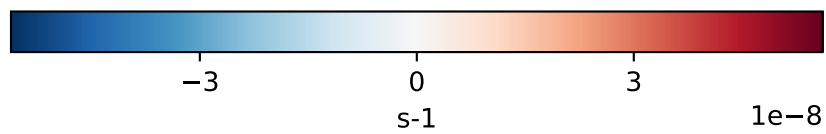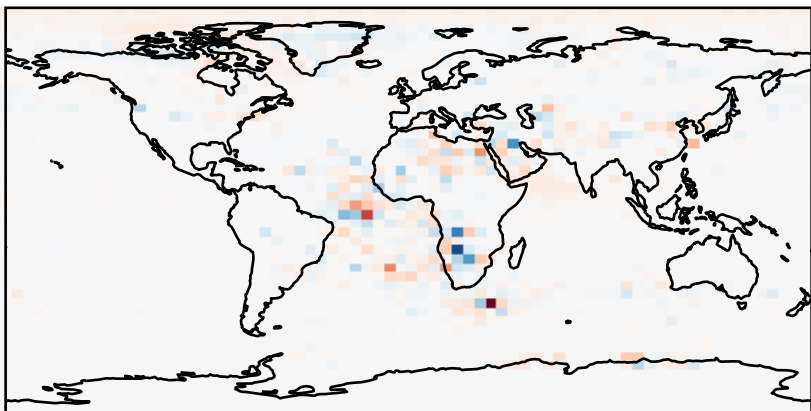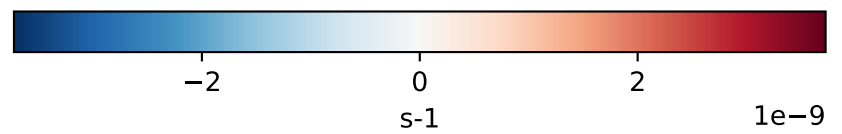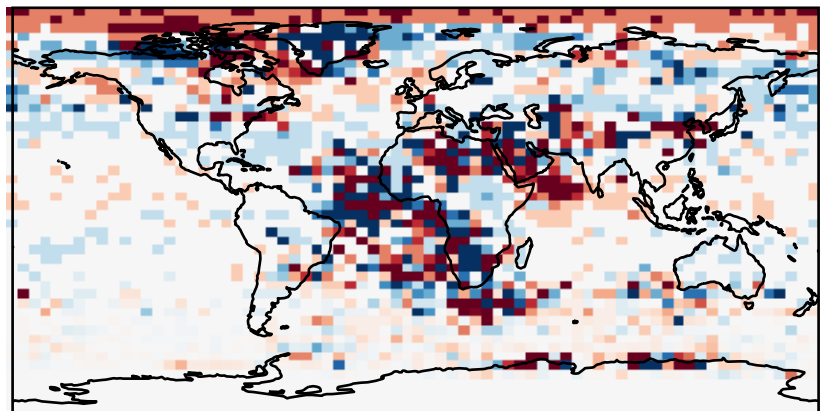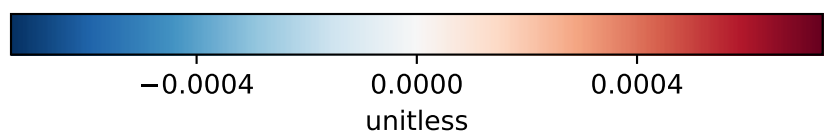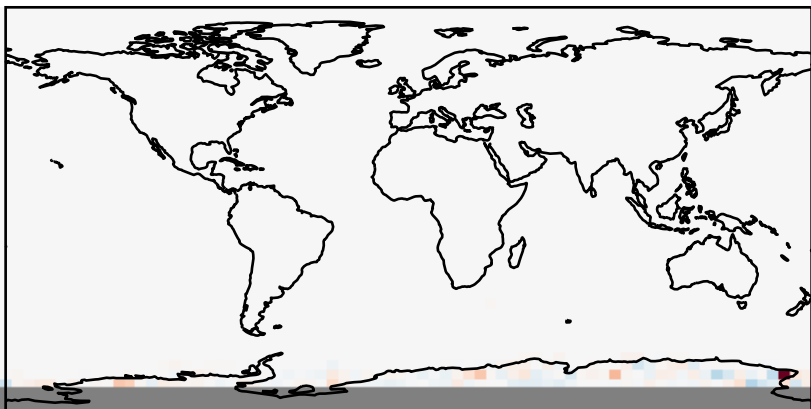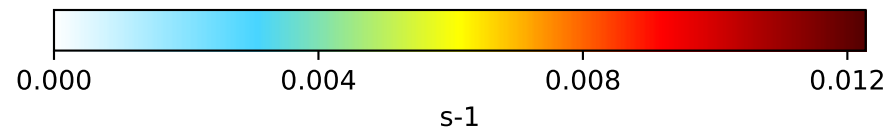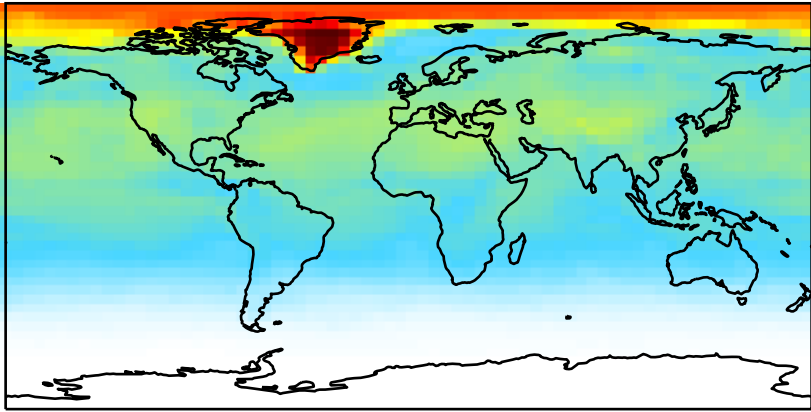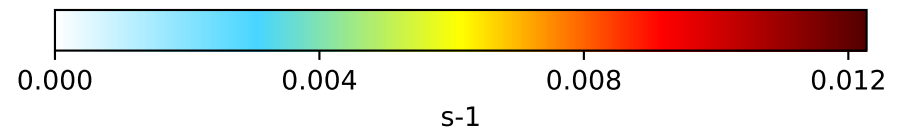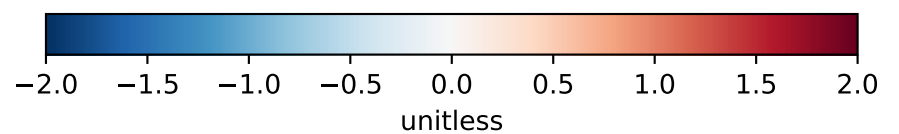s-1

s-1

Fractional Difference
(Dev-Ref)/Ref, Dynamic Range
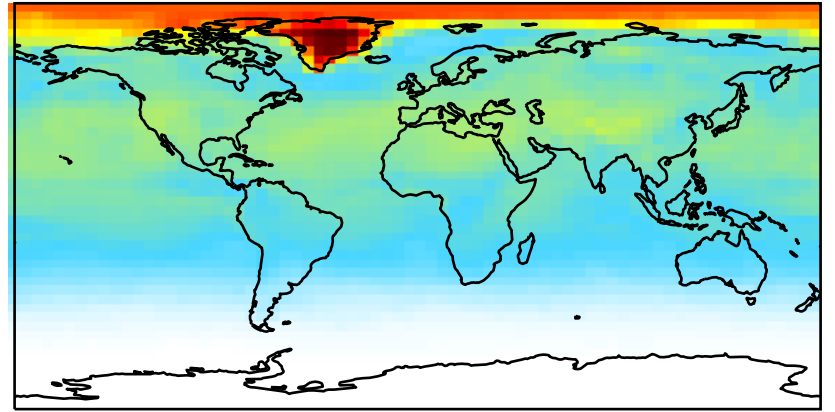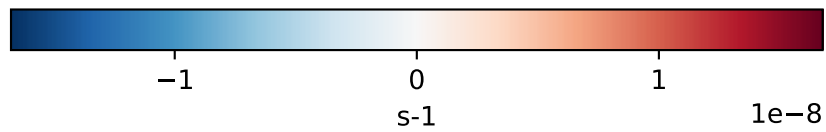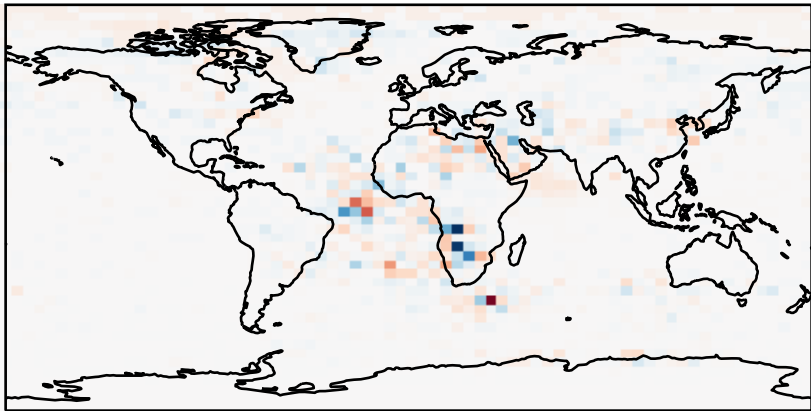
Fractional Difference
(Dev-Ref)/Ref, Fixed Range

unitless

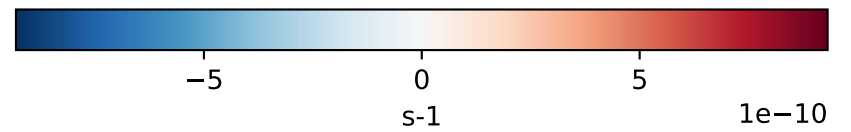unitless
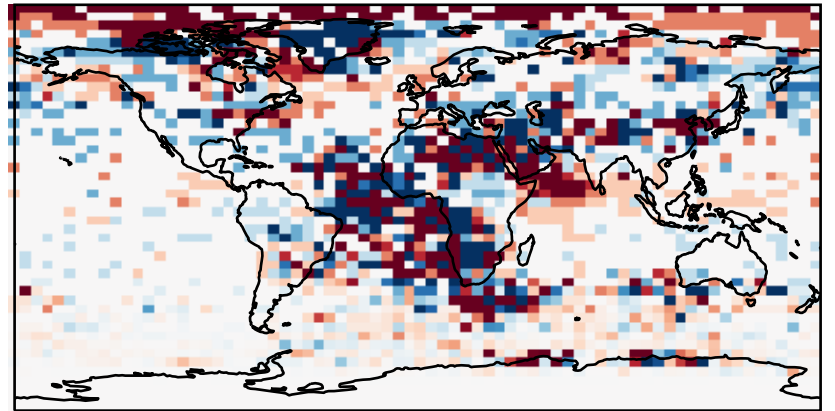
Jval_BrNO3

Jval_BrO

Jval_CCl4

GC_12.7.0-rc.1 (Ref)
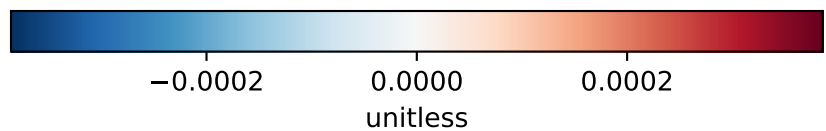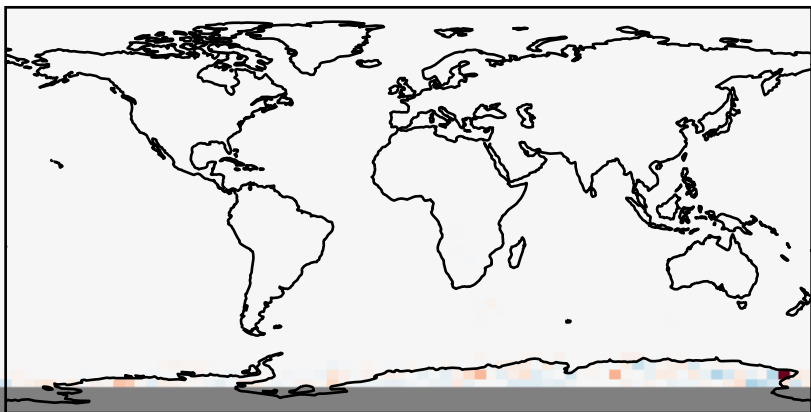4x5

GC_12.7.0-rc.2 (Dev)
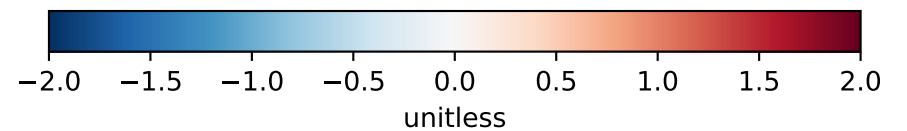4x5

Difference
Dev - Ref, Dynamic Range

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

Fractional Difference
(Dev-Ref)/Ref, Dynamic Range

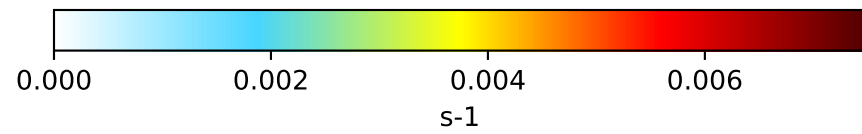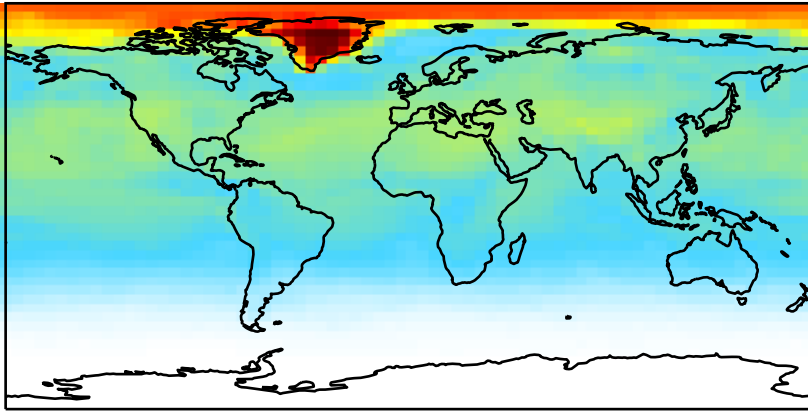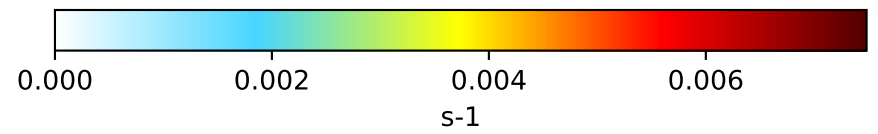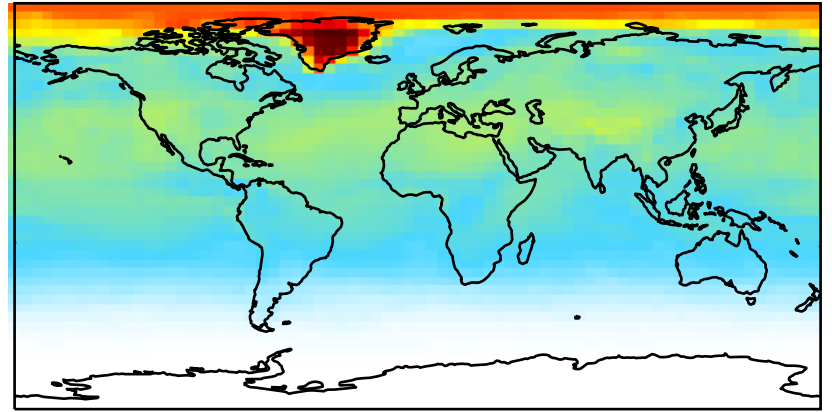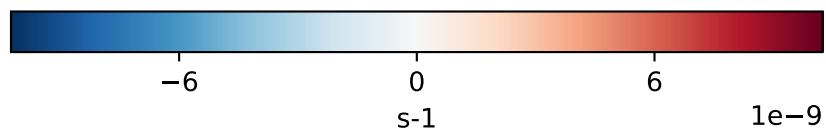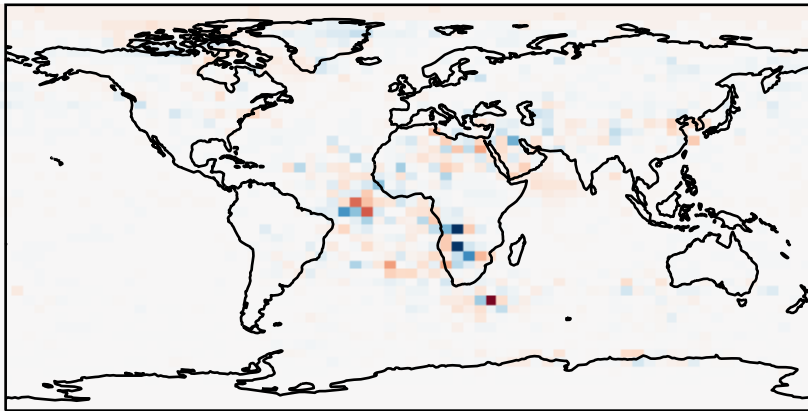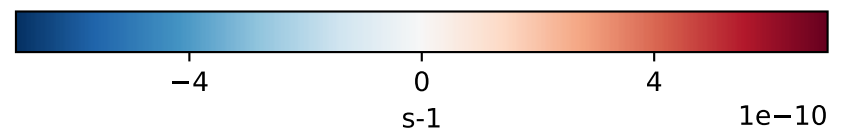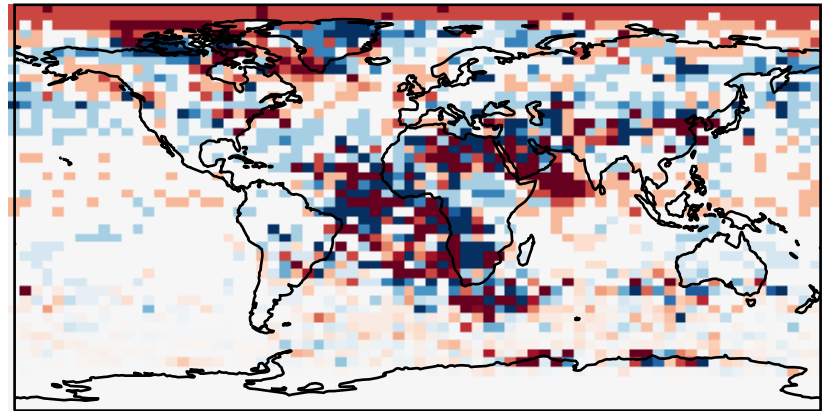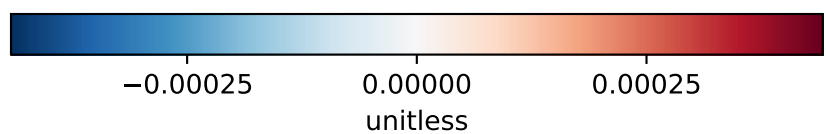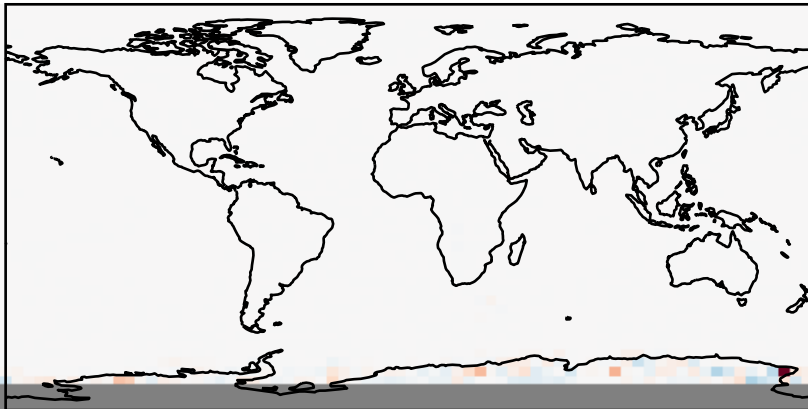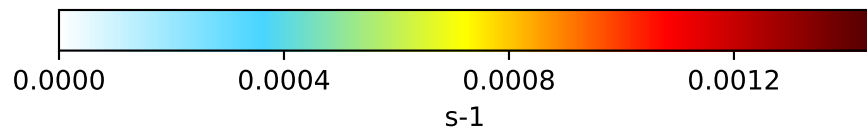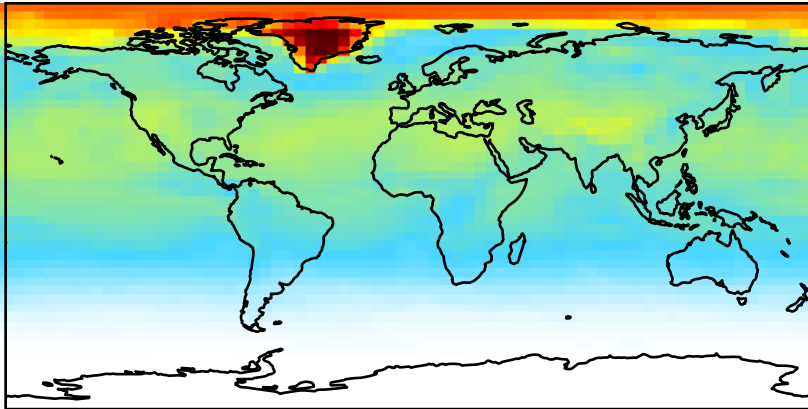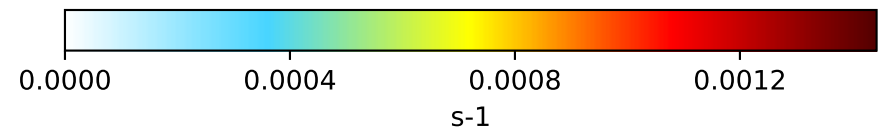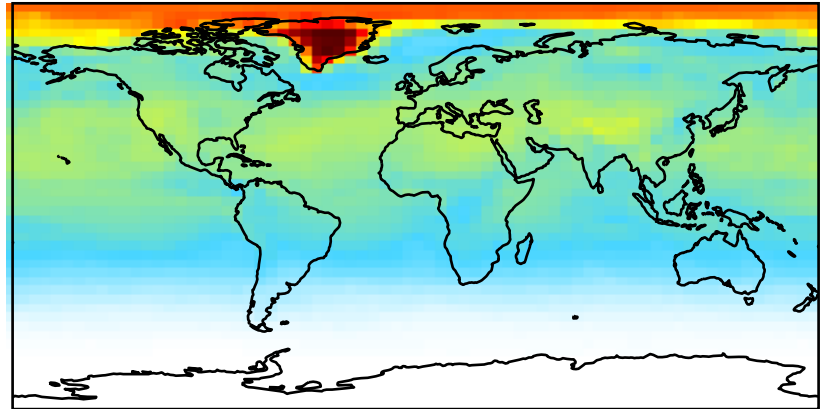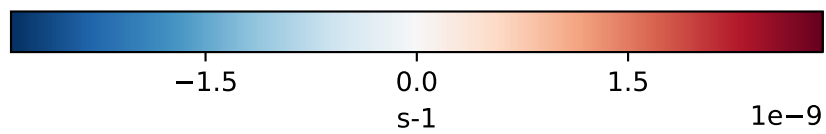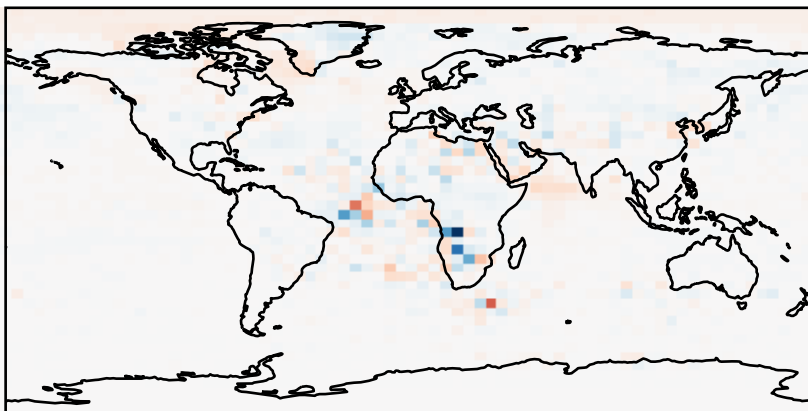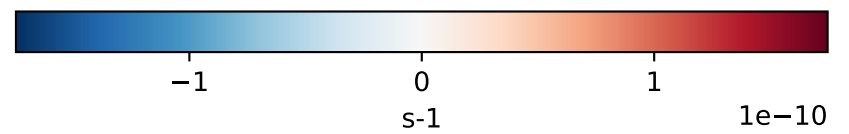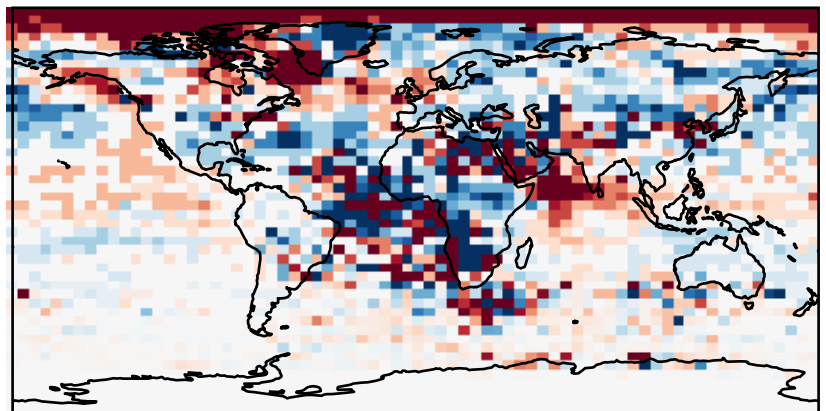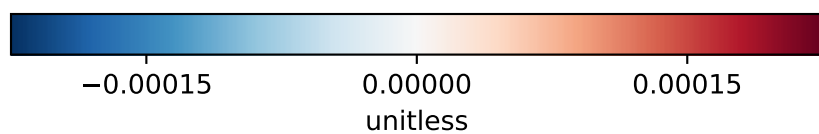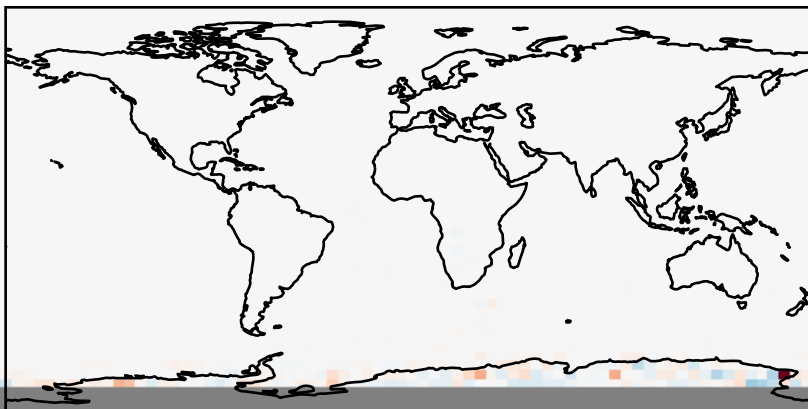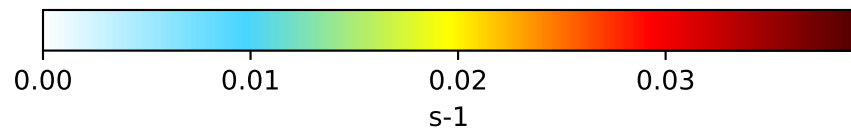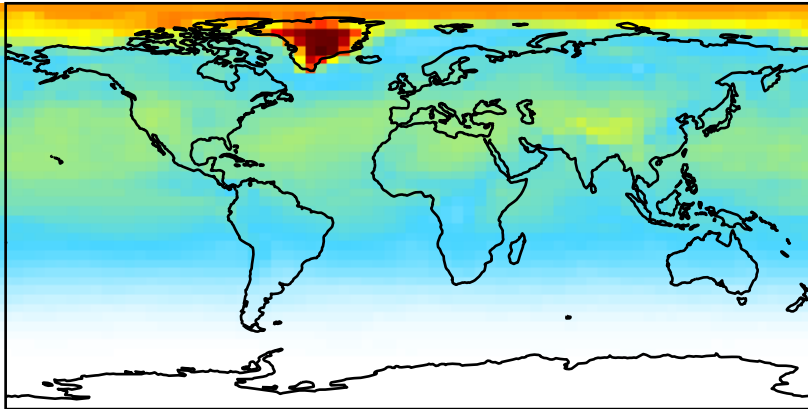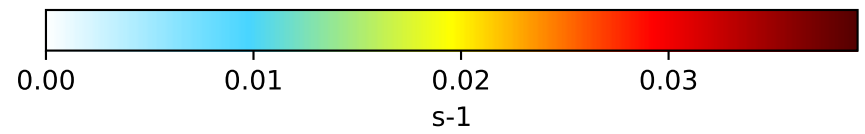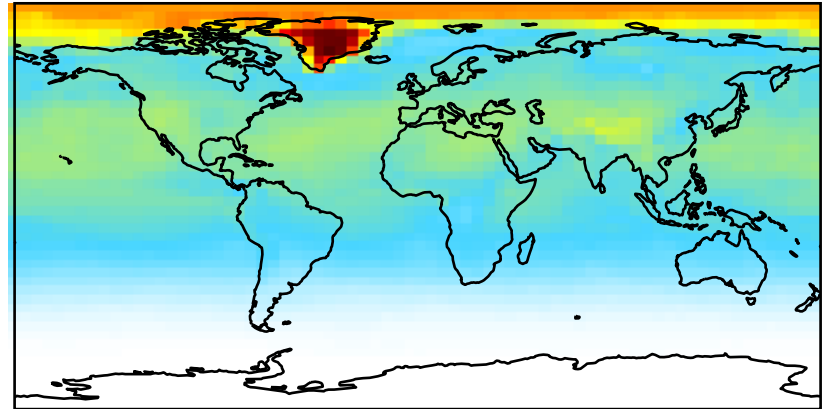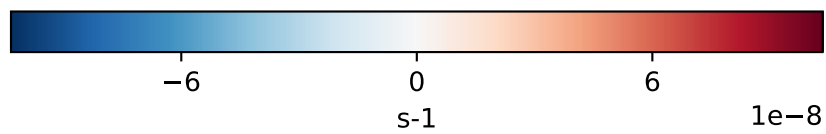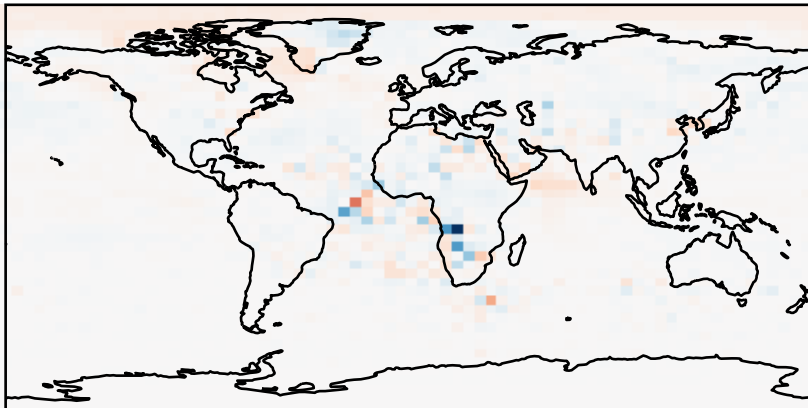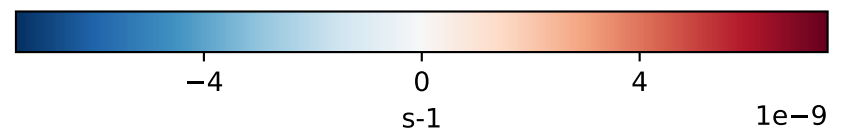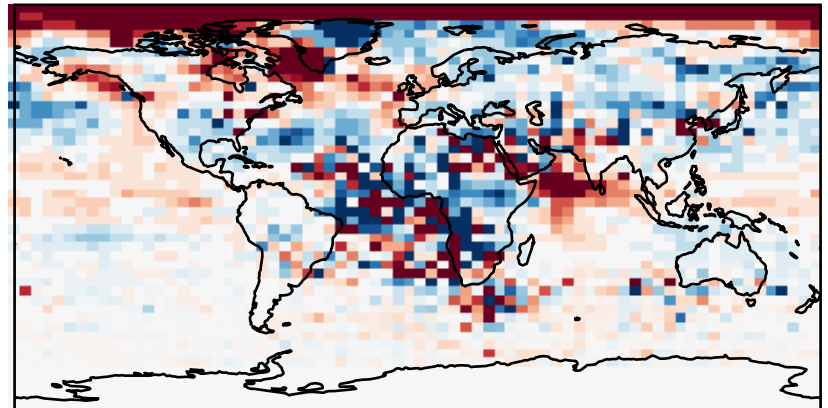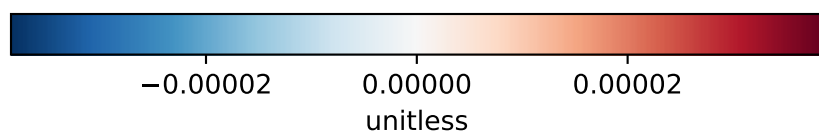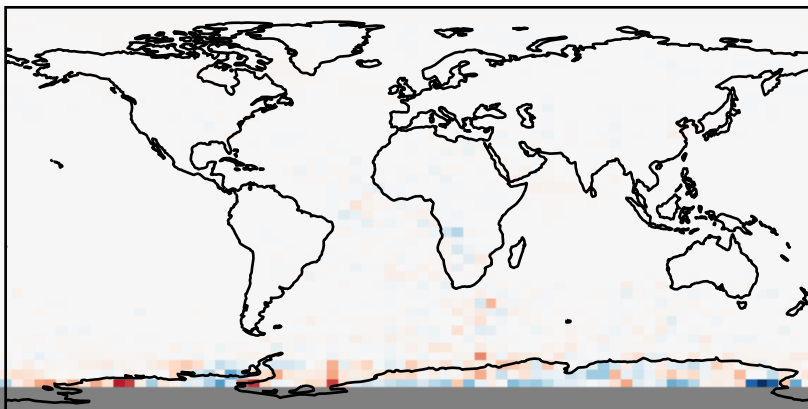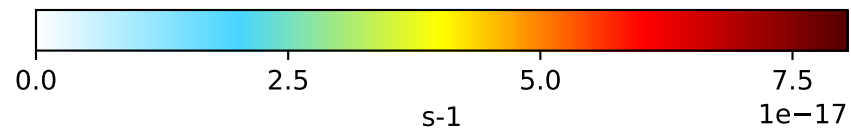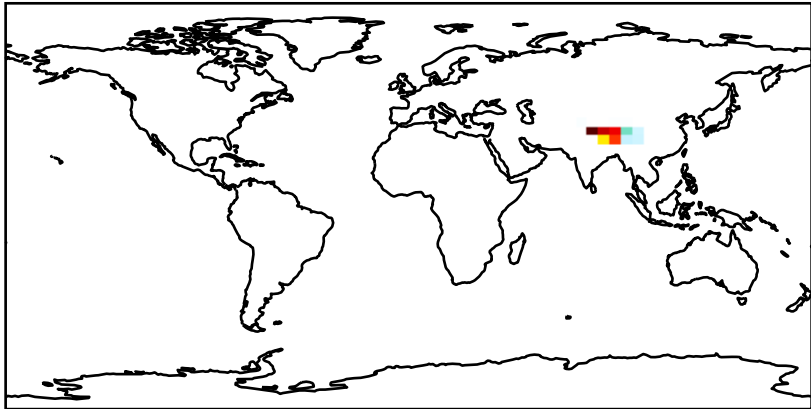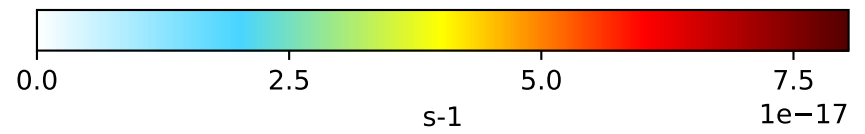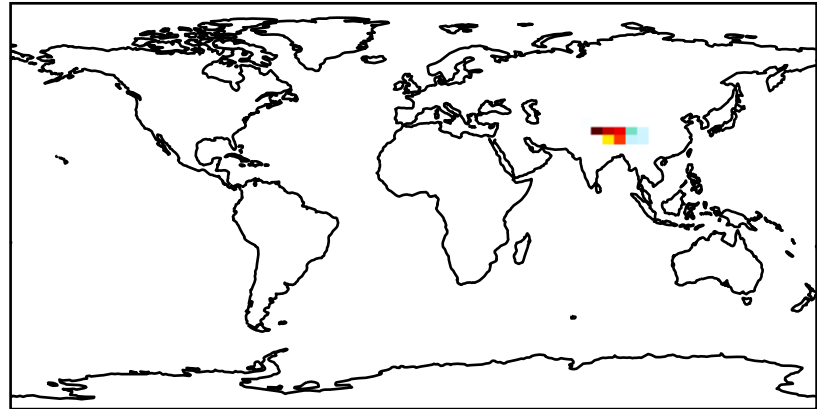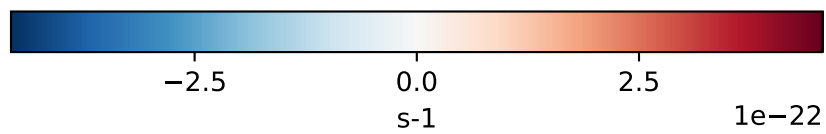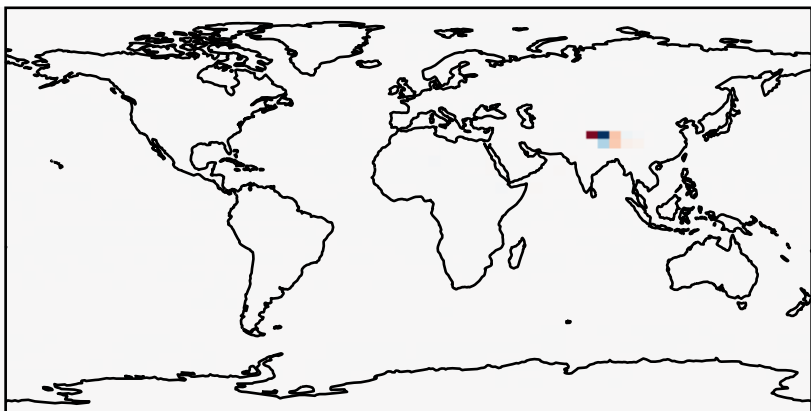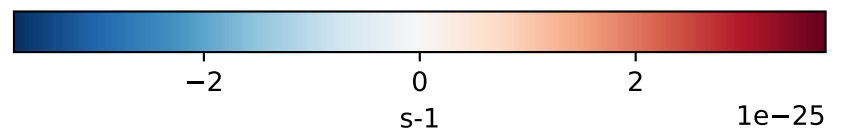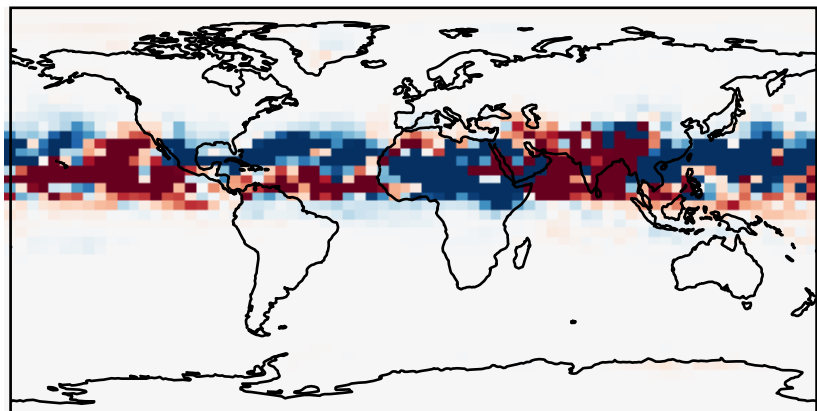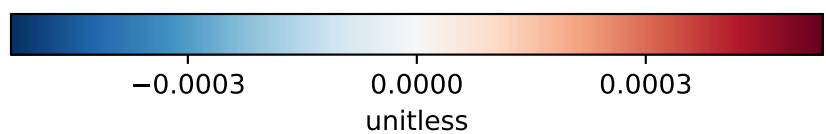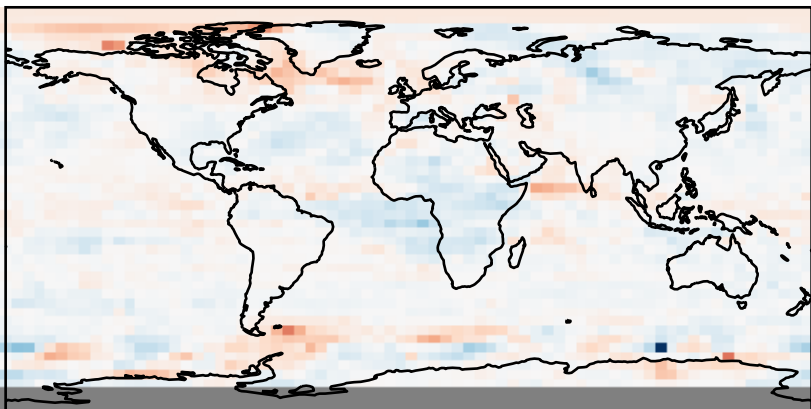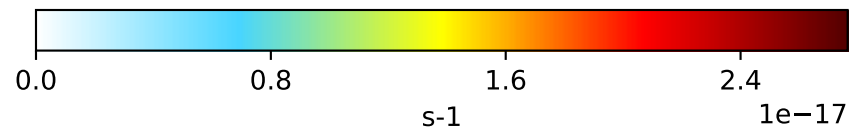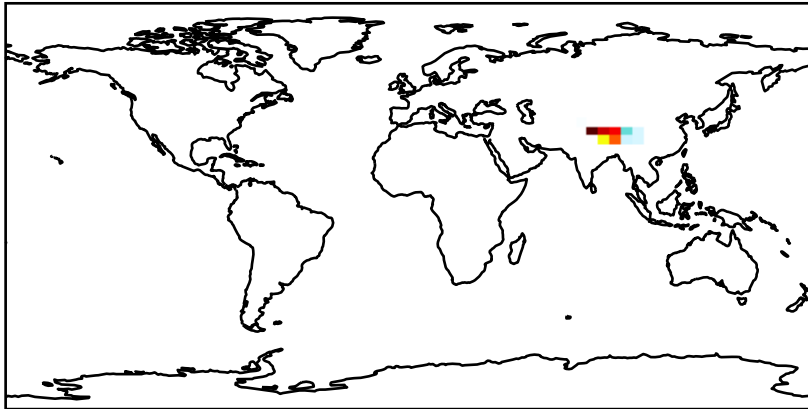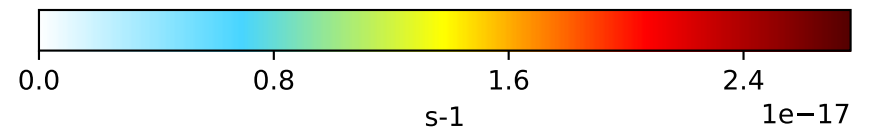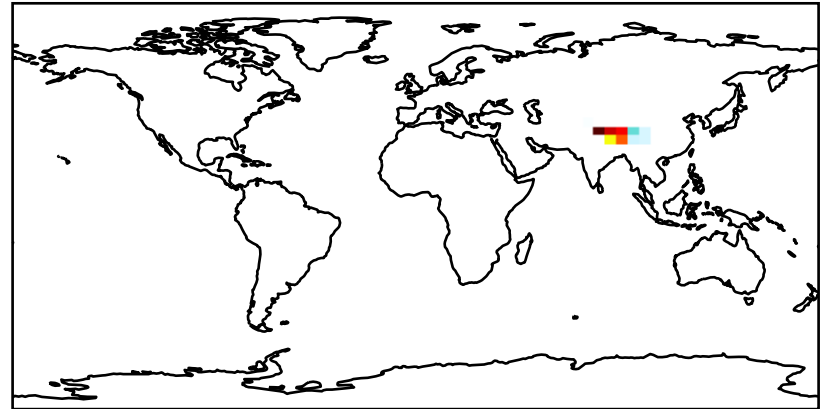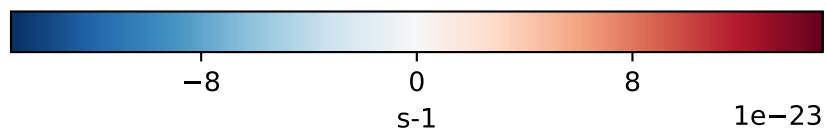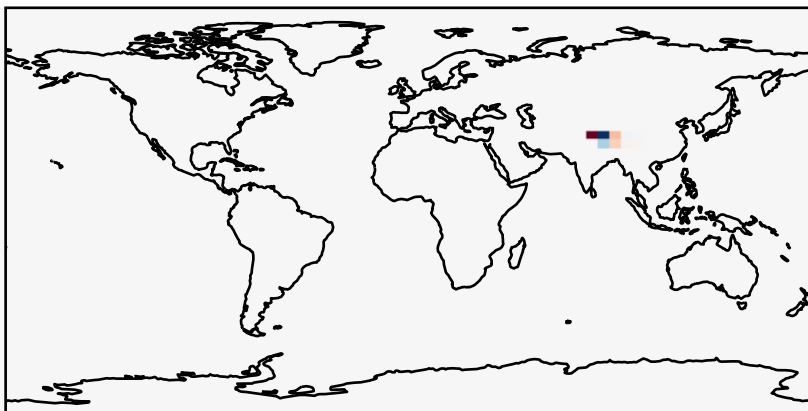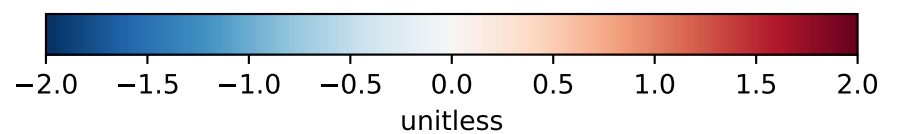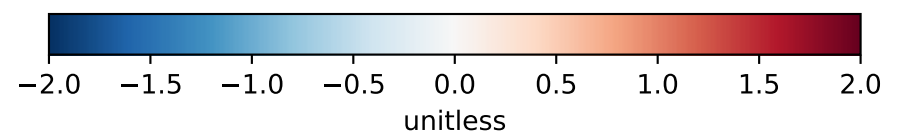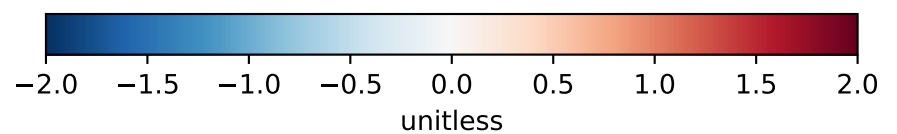Fractional Difference
(Dev-Ref)/Ref, Fixed Range

Jval_CFC11

Jval_CFC113

Jval_CFC114
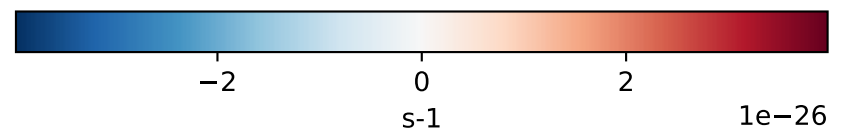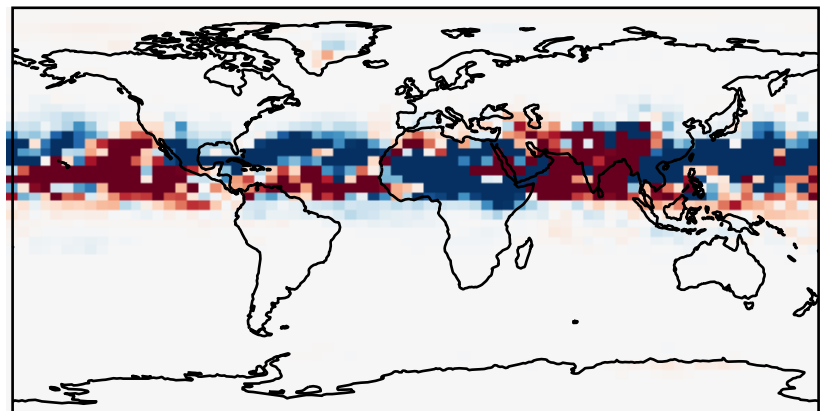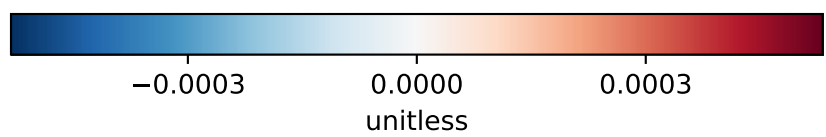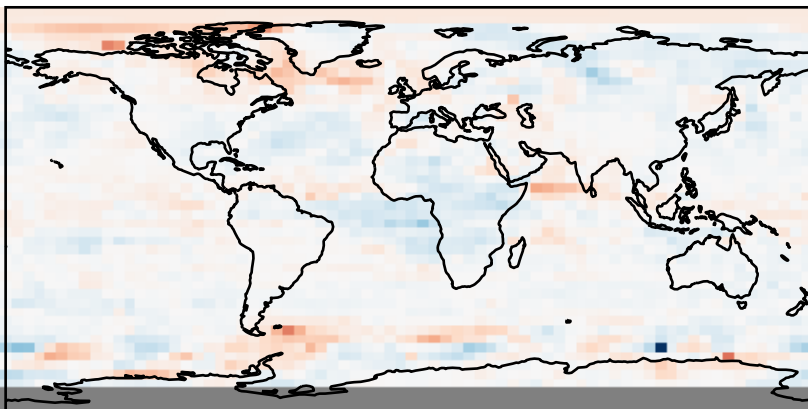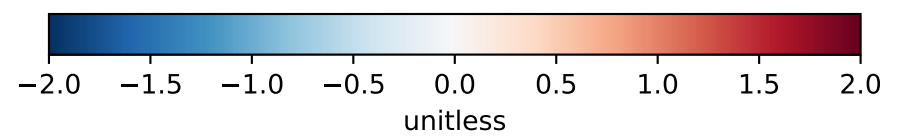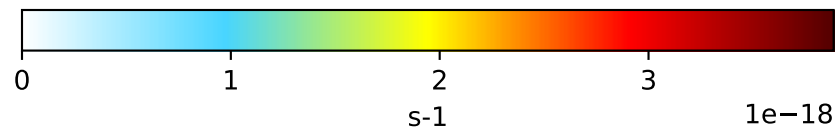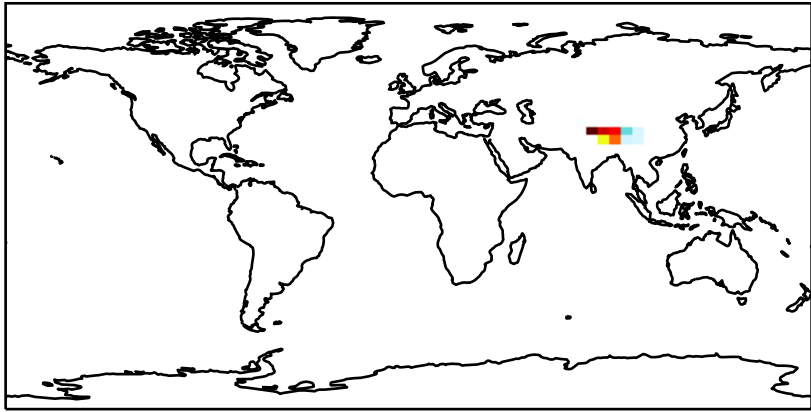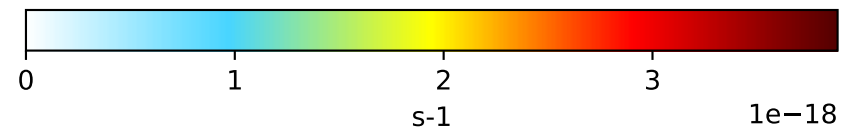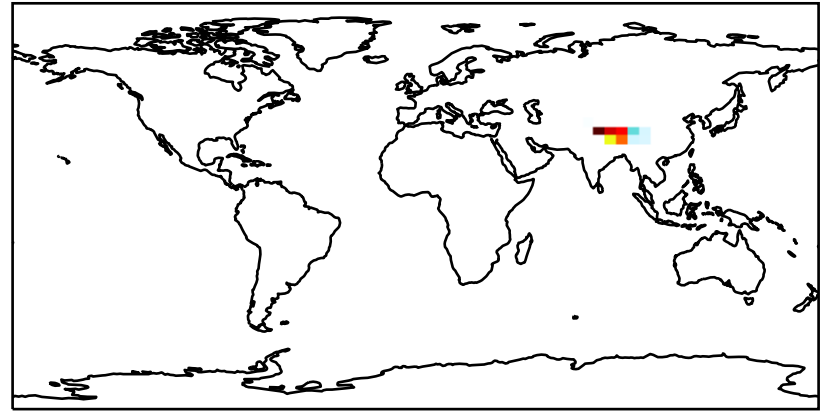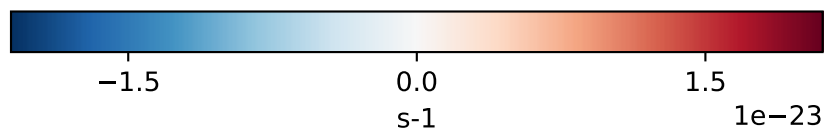
Jval_CFC115

GC_12.7.0-rc.1 (Ref)
4x5

GC_12.7.0-rc.2 (Dev)
4x5

Difference
Dev - Ref, Dynamic Range

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

Fractional Difference
(Dev-Ref)/Ref, Dynamic Range

Fractional Difference
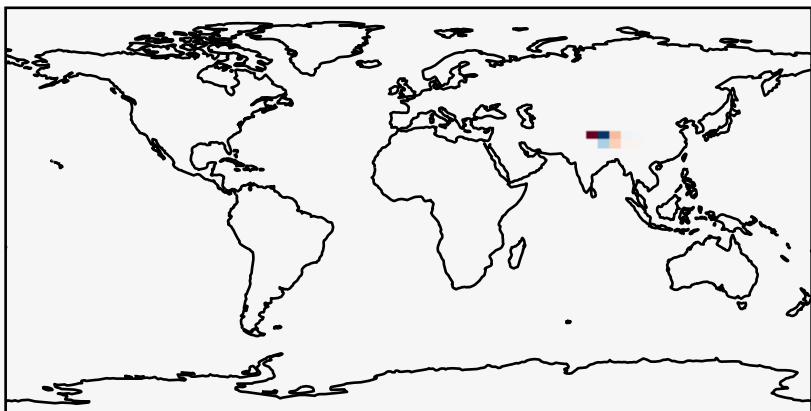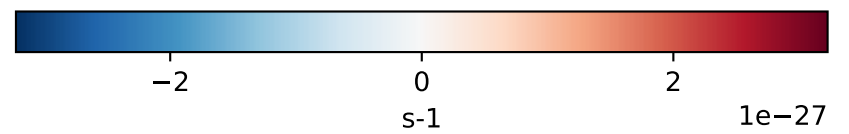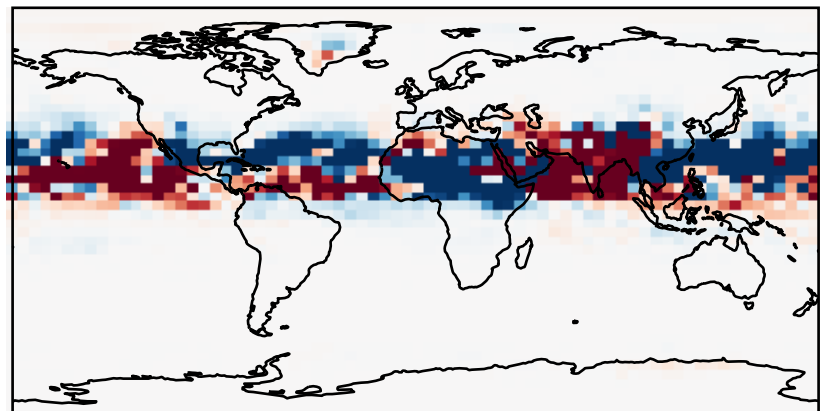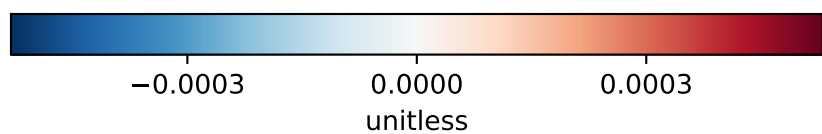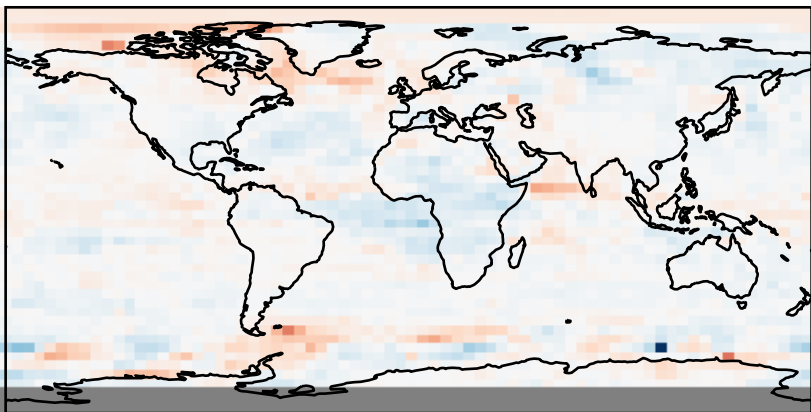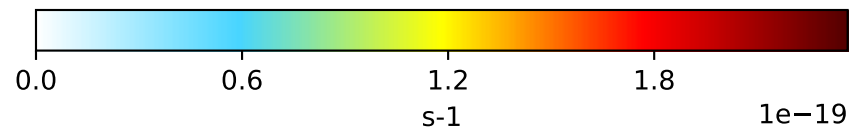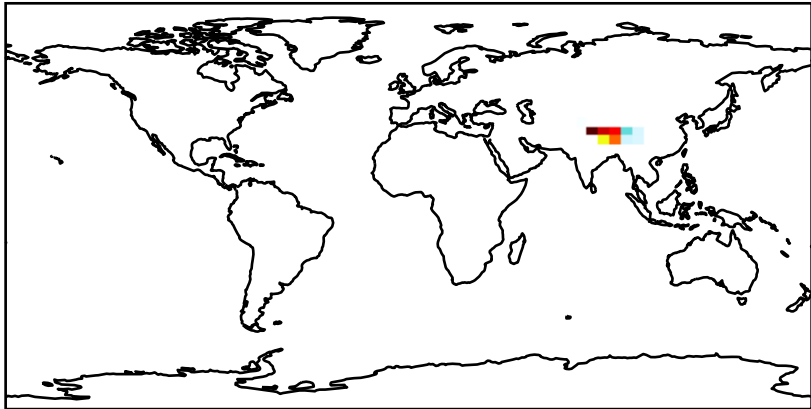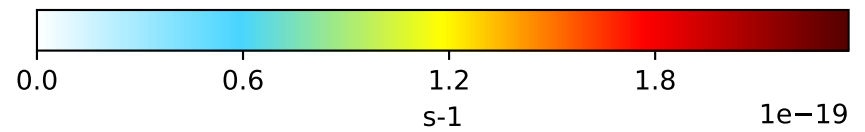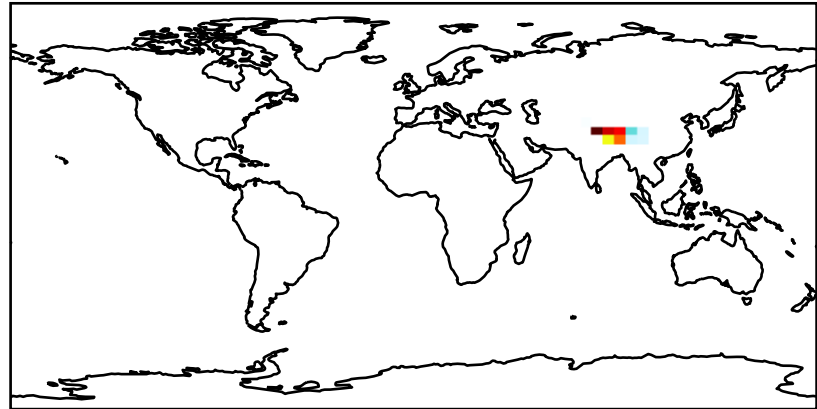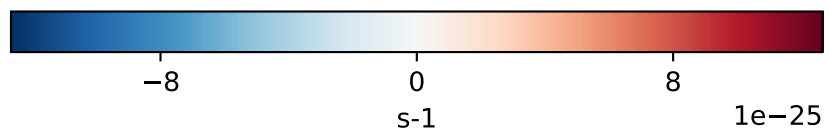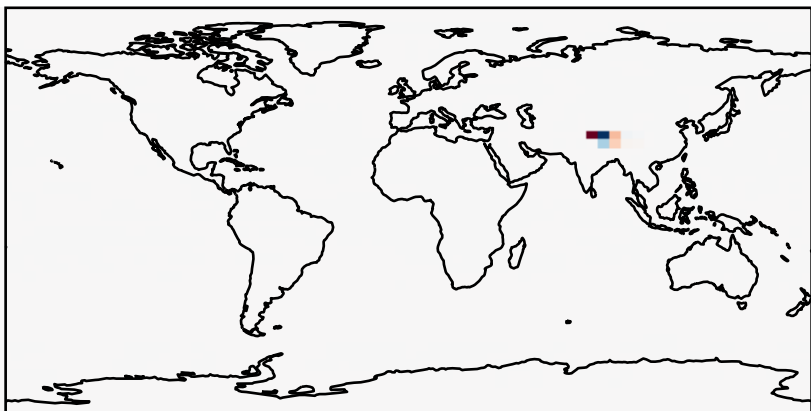(Dev-Ref)/Ref, Fixed Range

Jval_CFC12
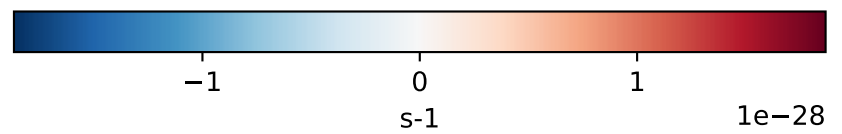
Jval_CH2Br2

Jval_CH2Cl2
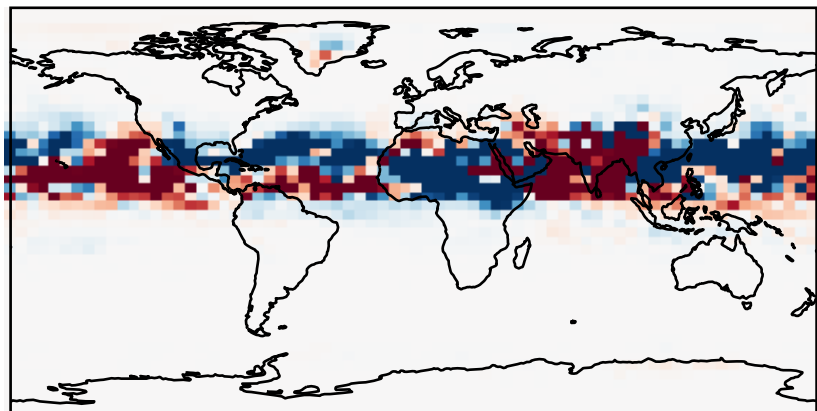
Jval_CH2I2

GC_12.7.0-rc.1 (Ref)
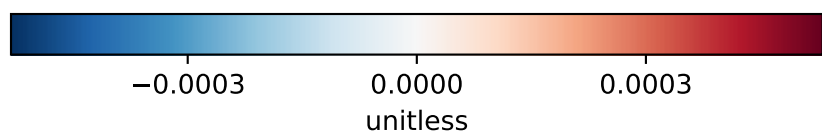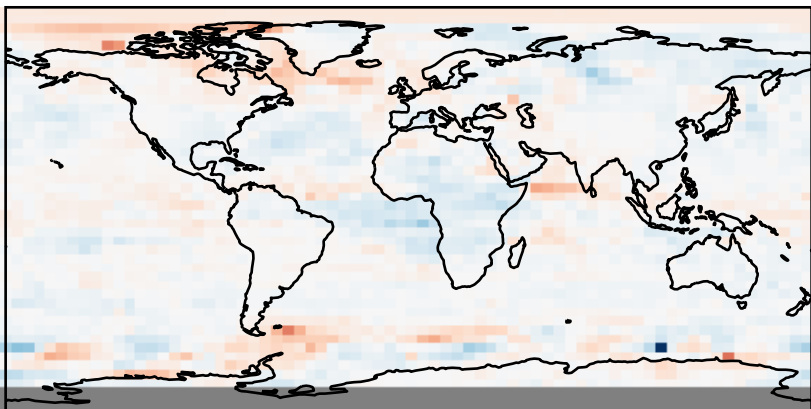4x5

GC_12.7.0-rc.2 (Dev)
4x5

Difference
Dev - Ref, Dynamic Range

Difference
Dev - Ref, Restricted Range [5%,95%]
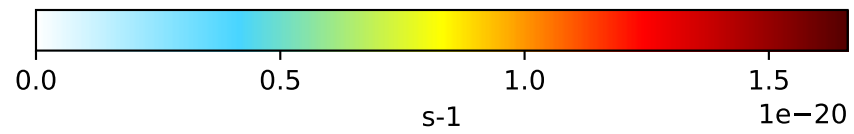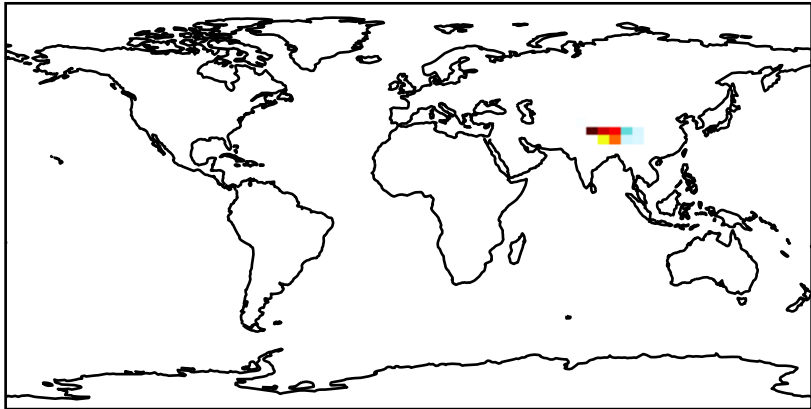
Fractional Difference
(Dev-Ref)/Ref, Dynamic Range

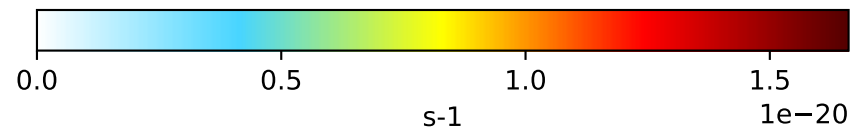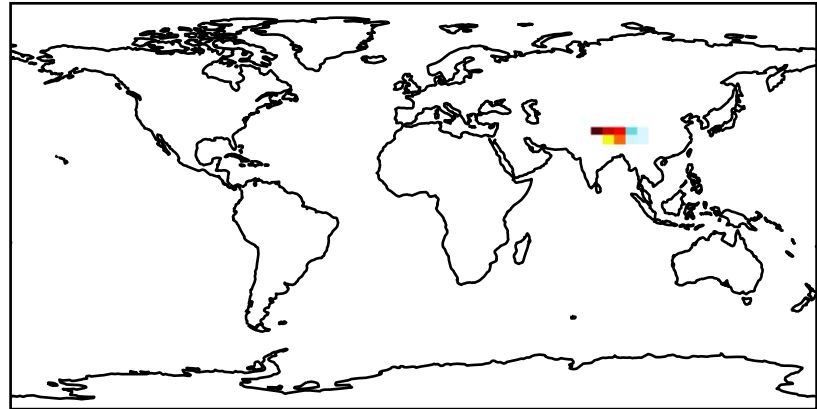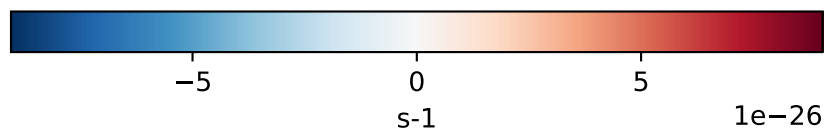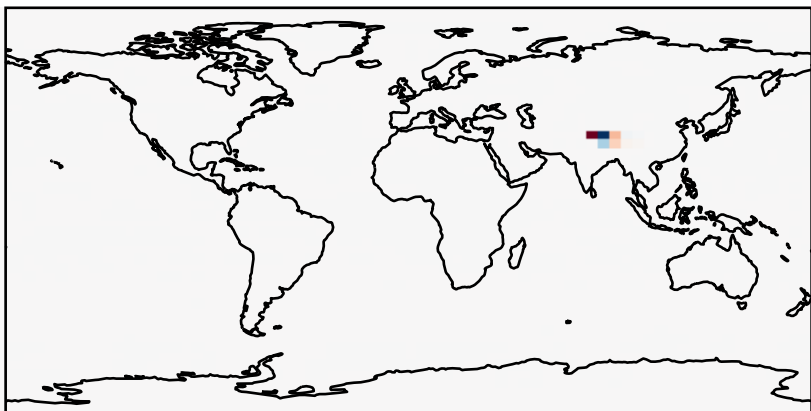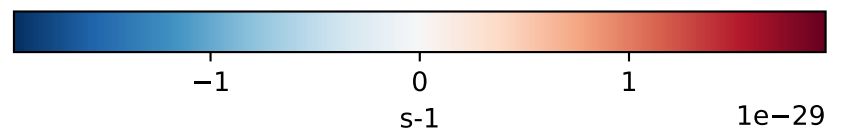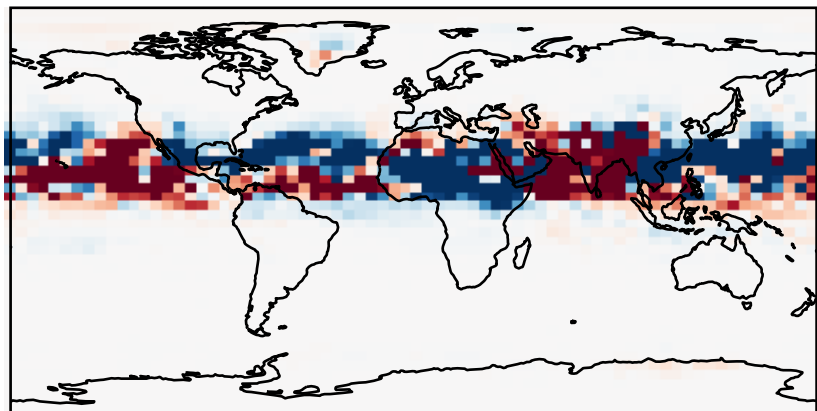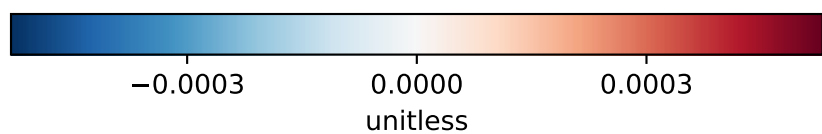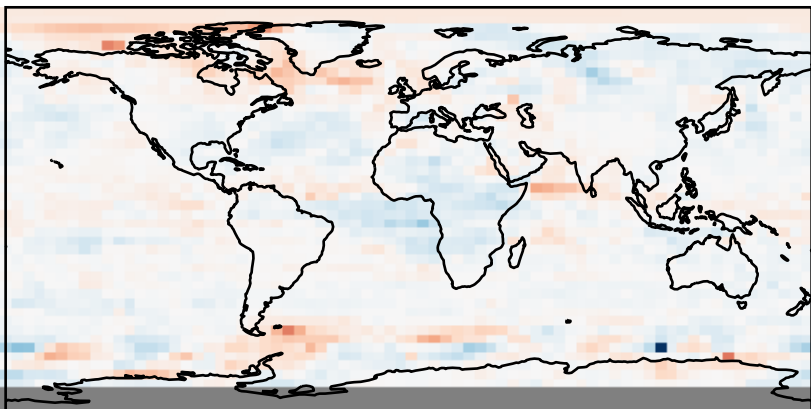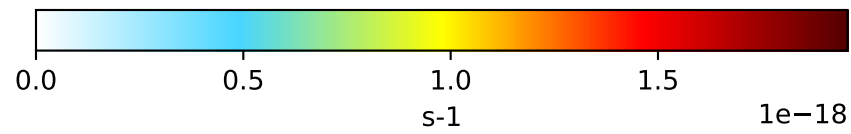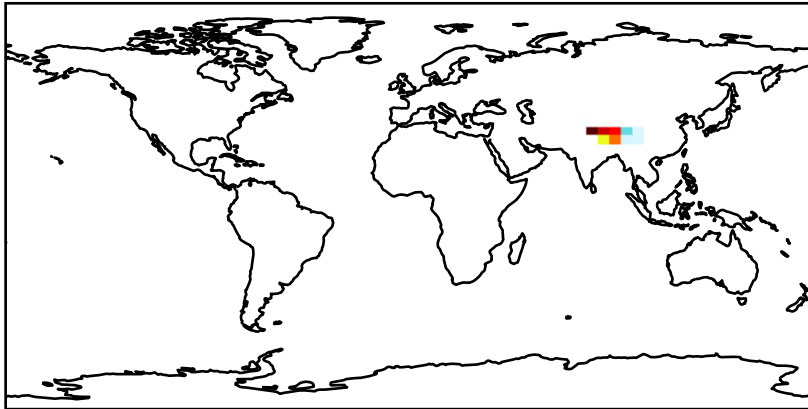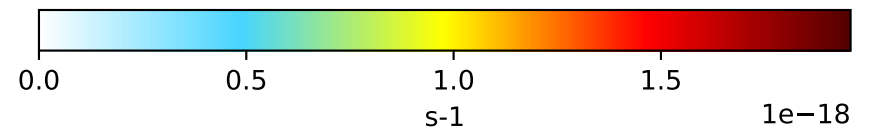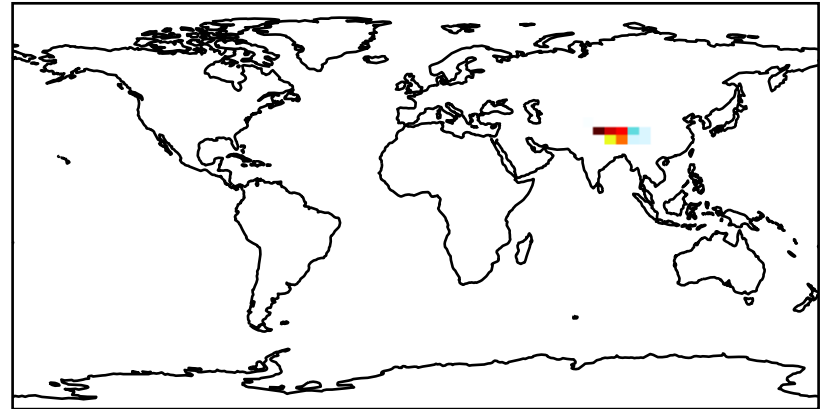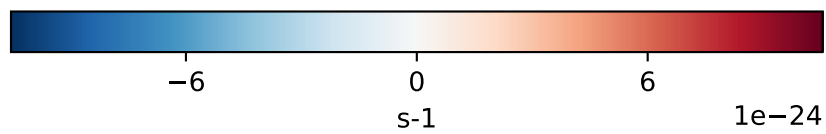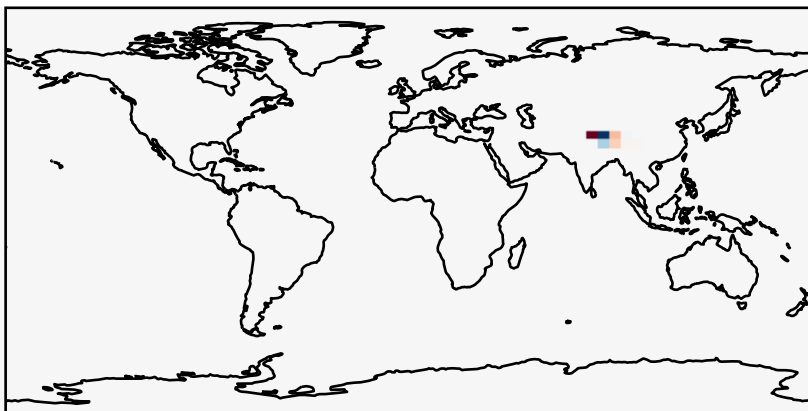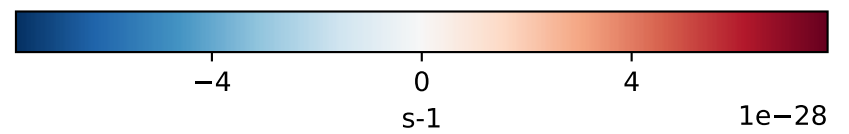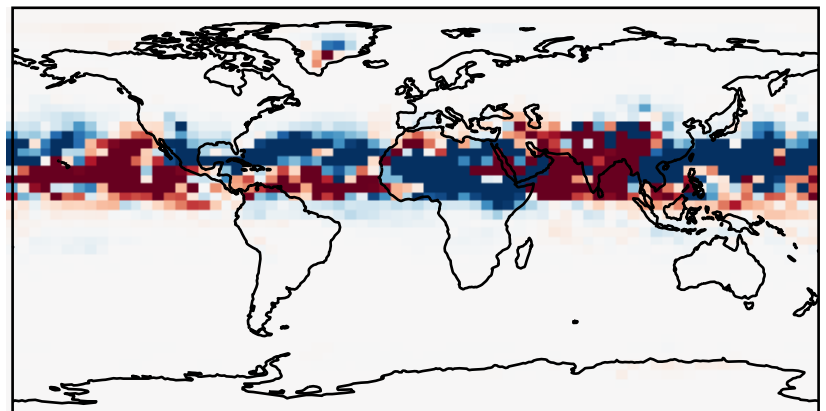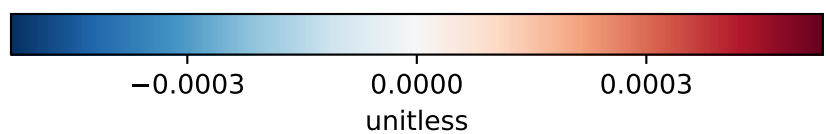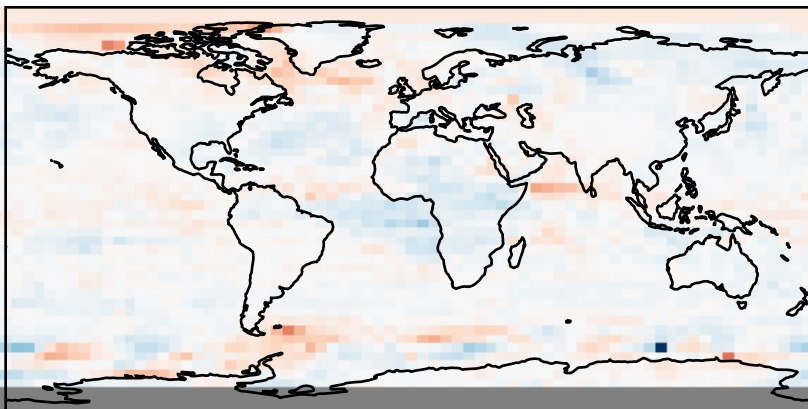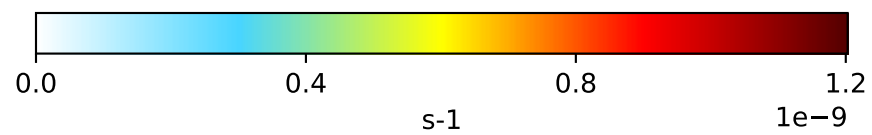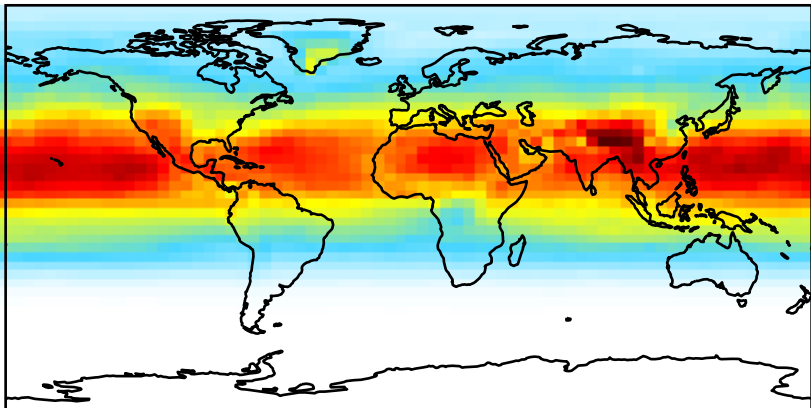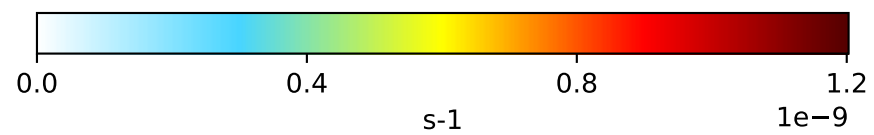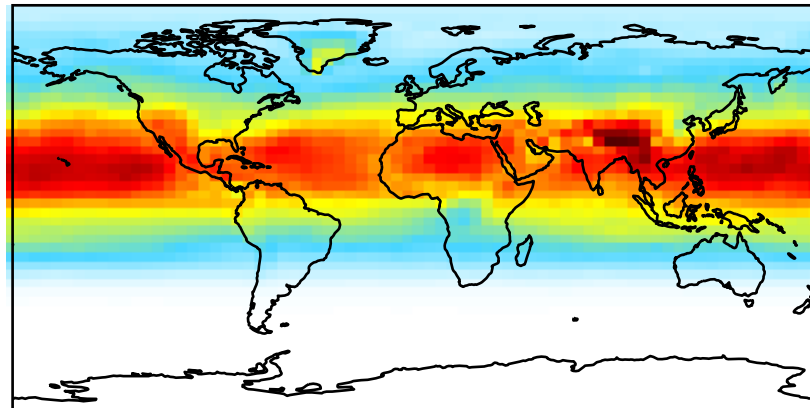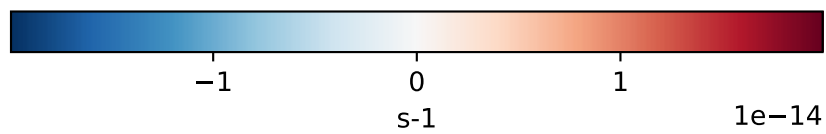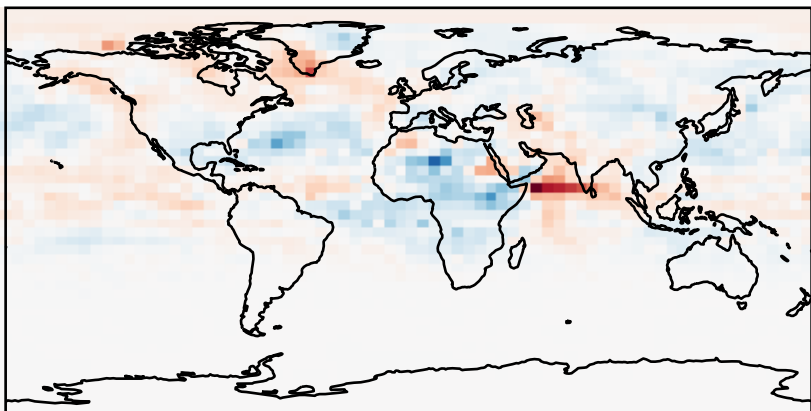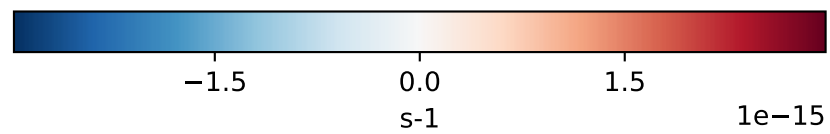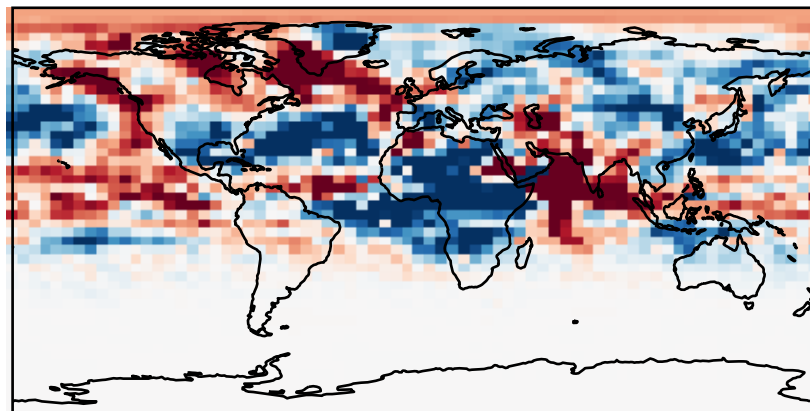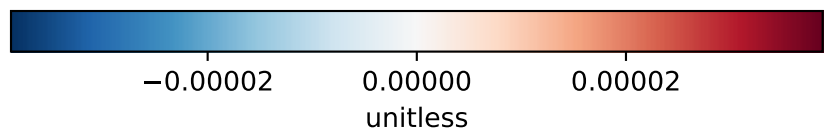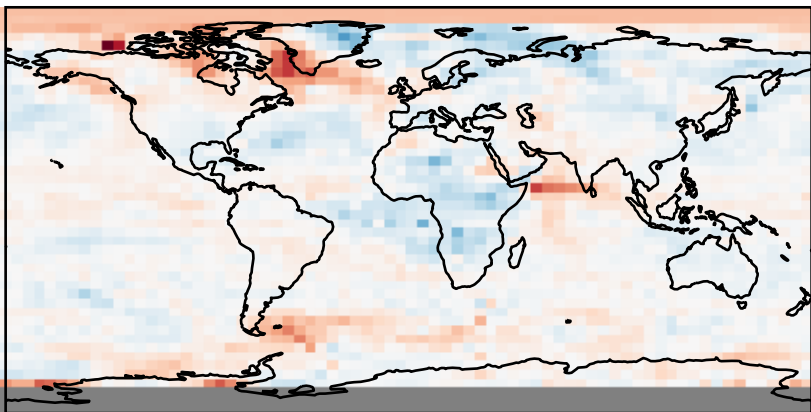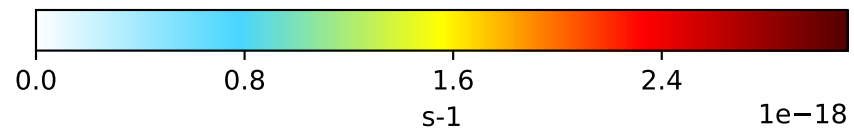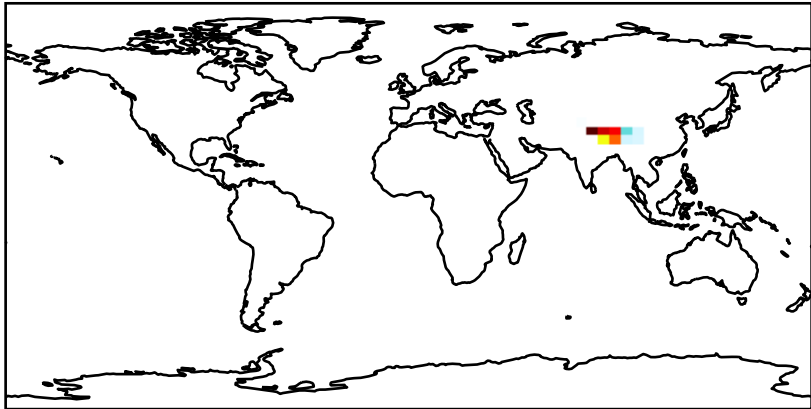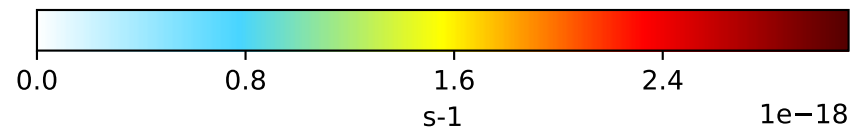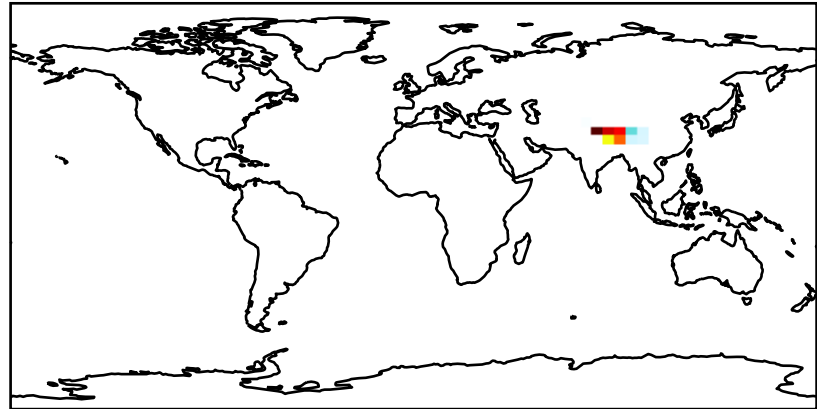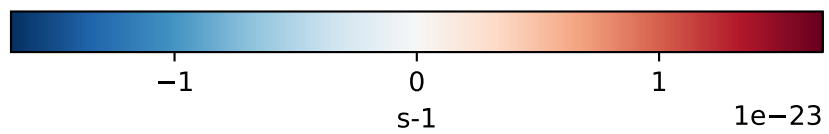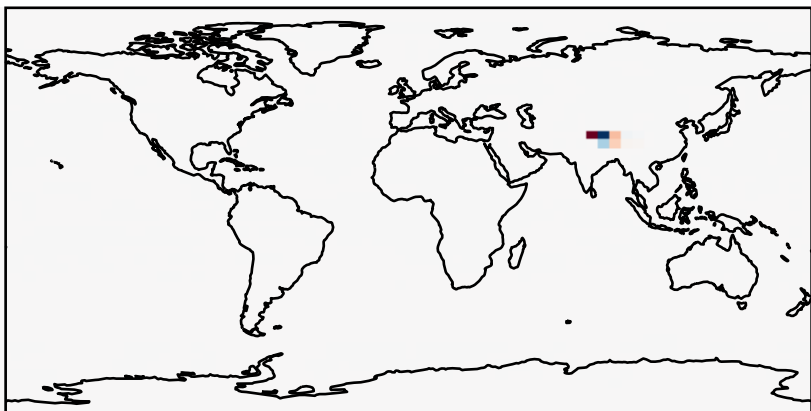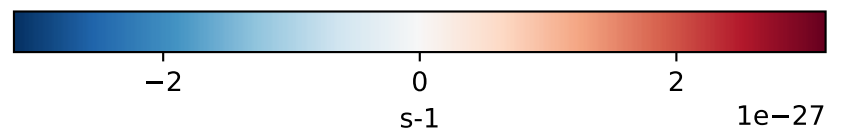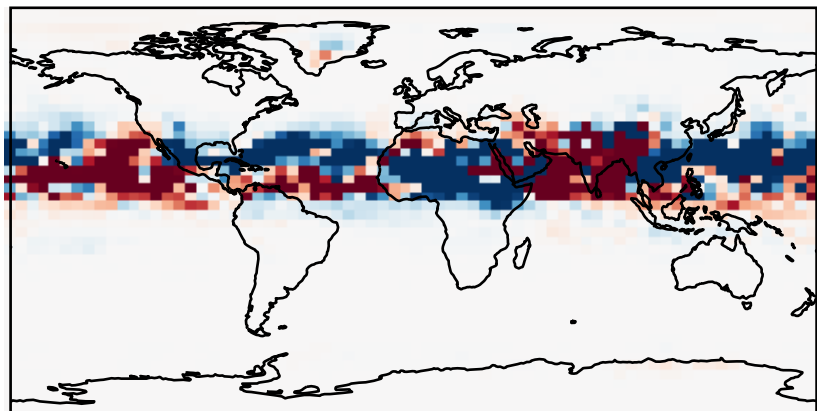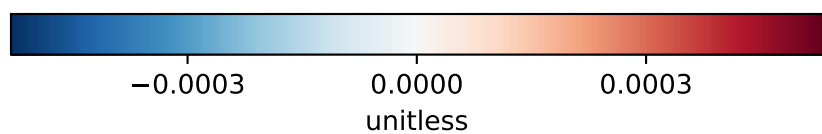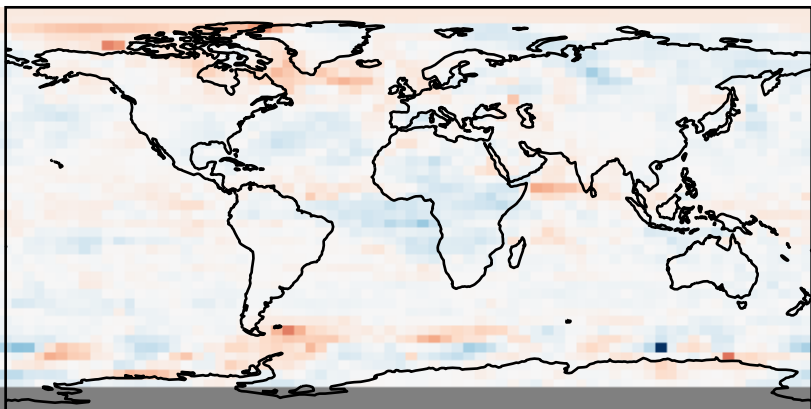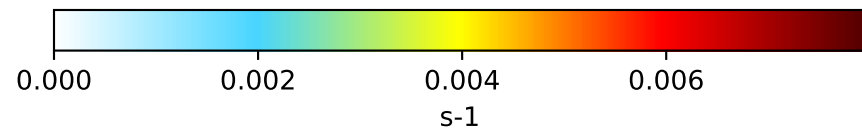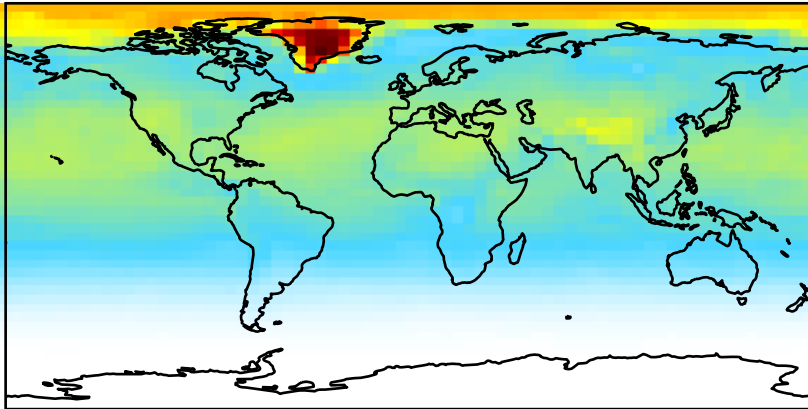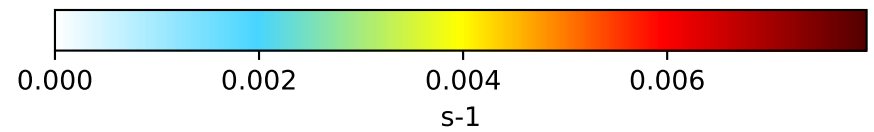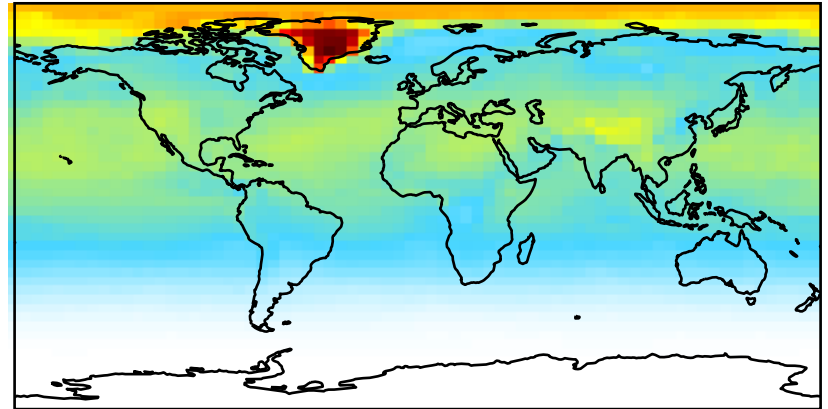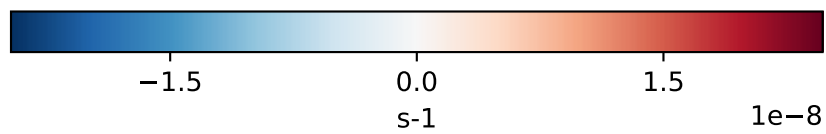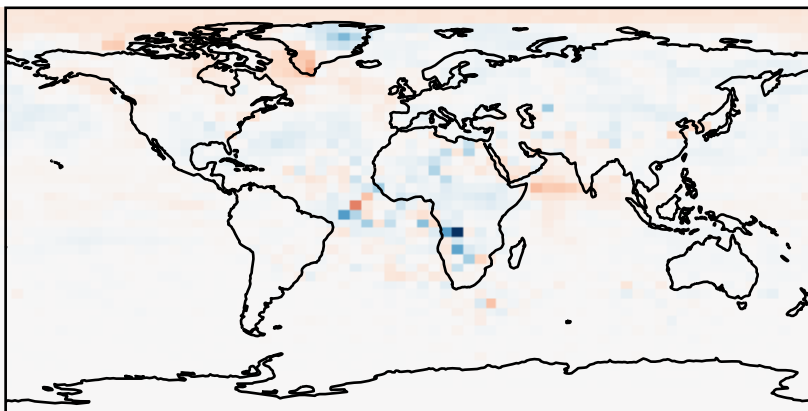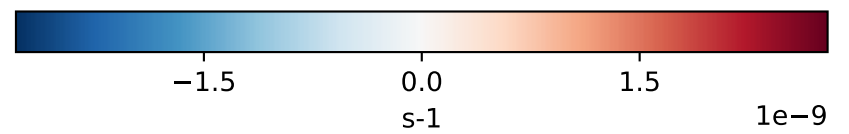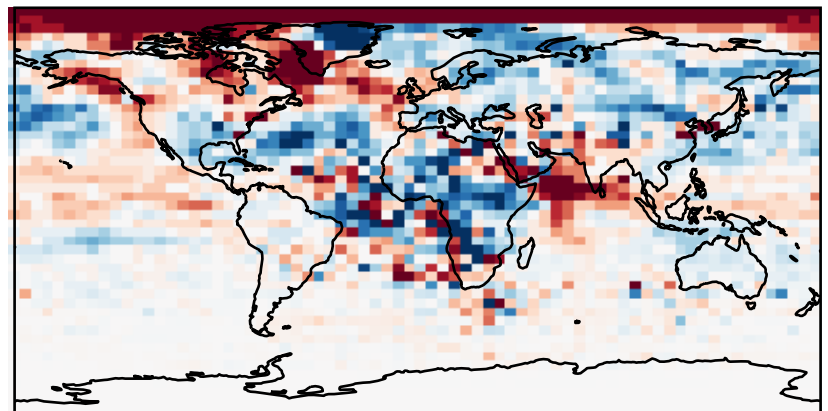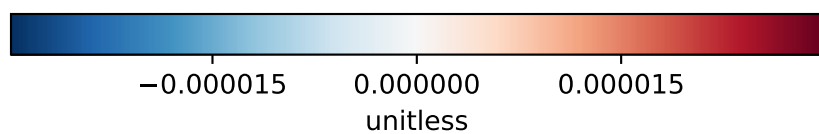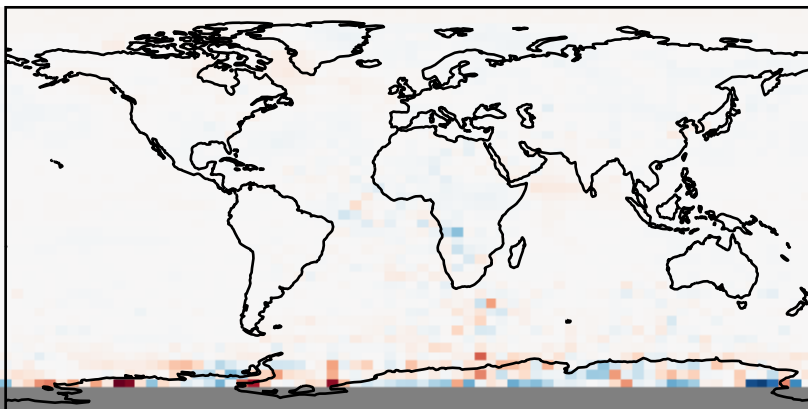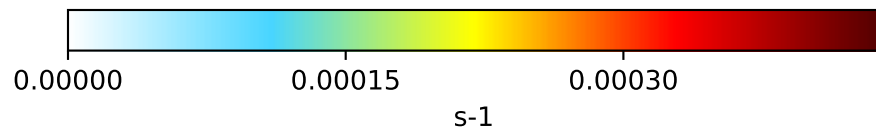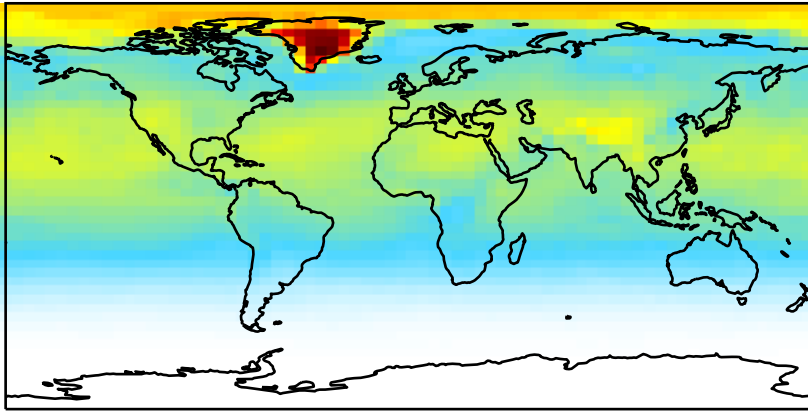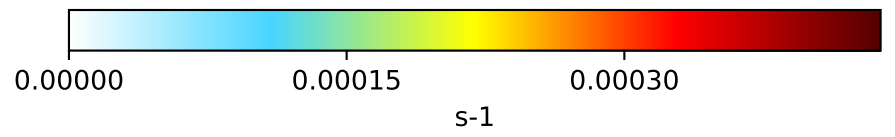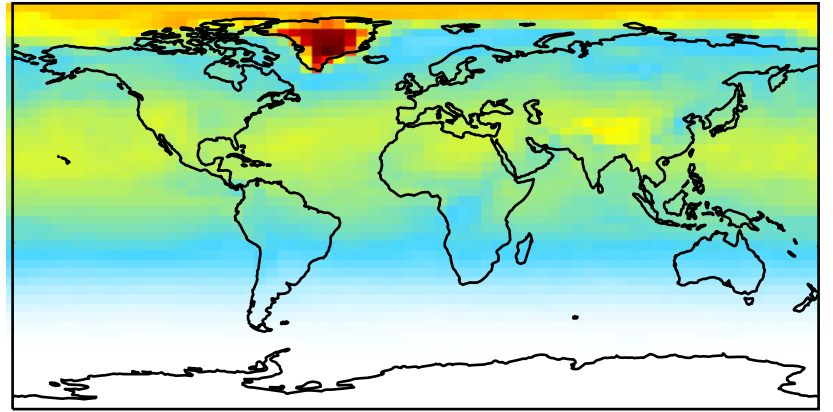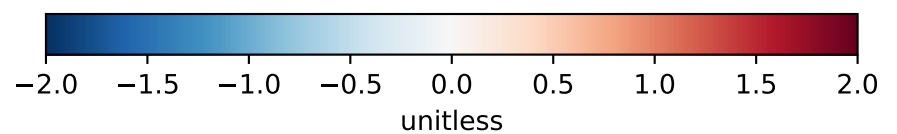Fractional Difference
(Dev-Ref)/Ref, Fixed Range

Jval_CH2IBr

Jval_CH2ICl

Jval_CH2O
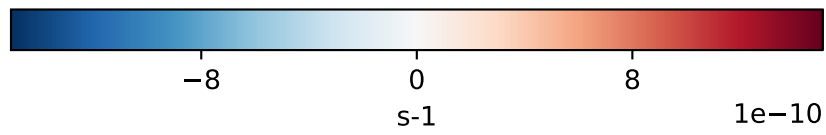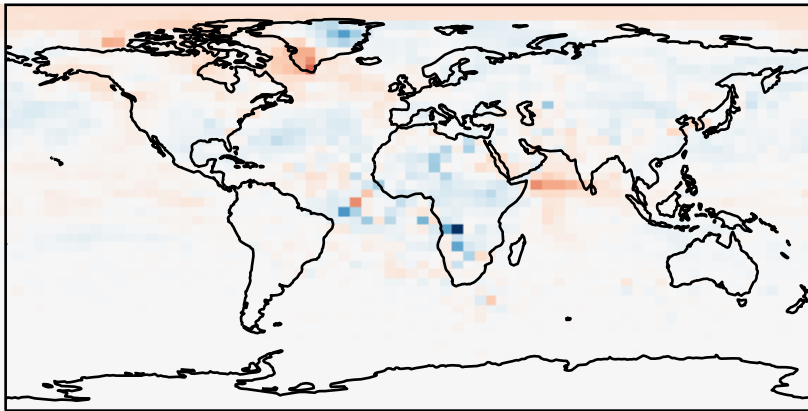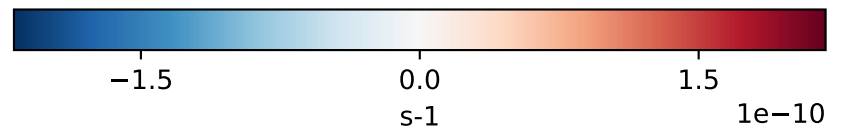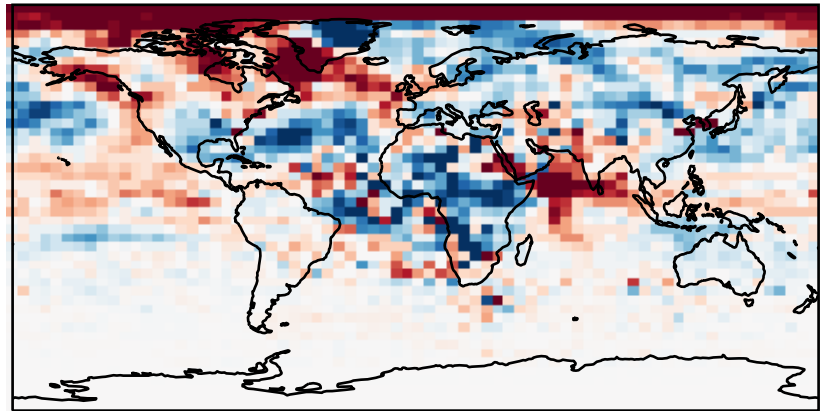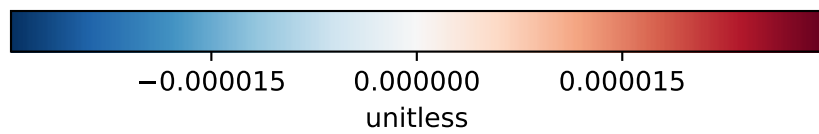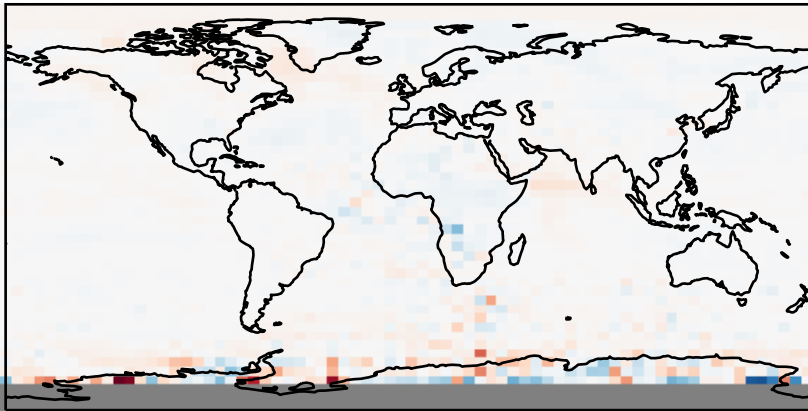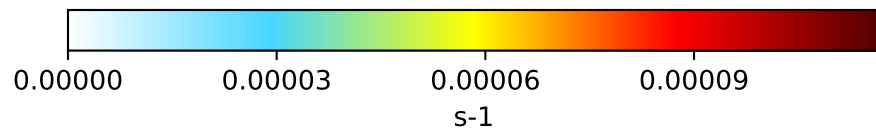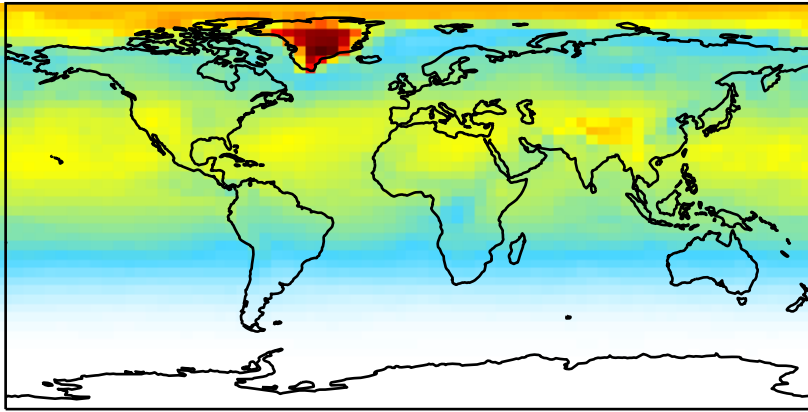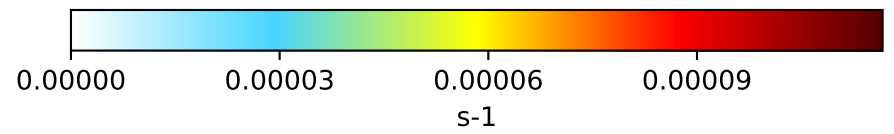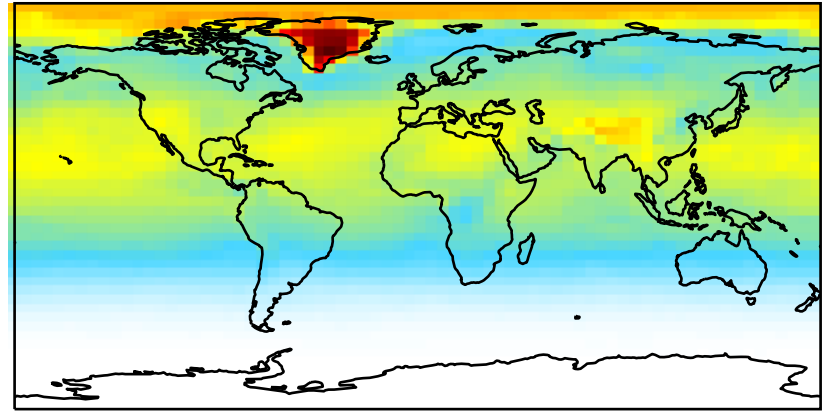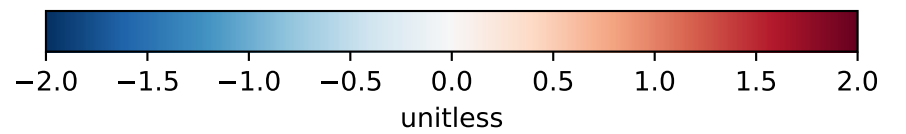
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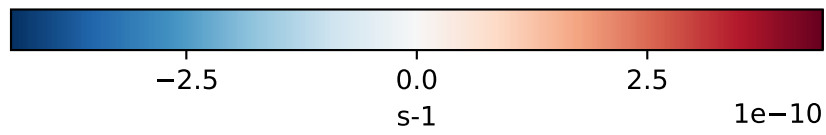
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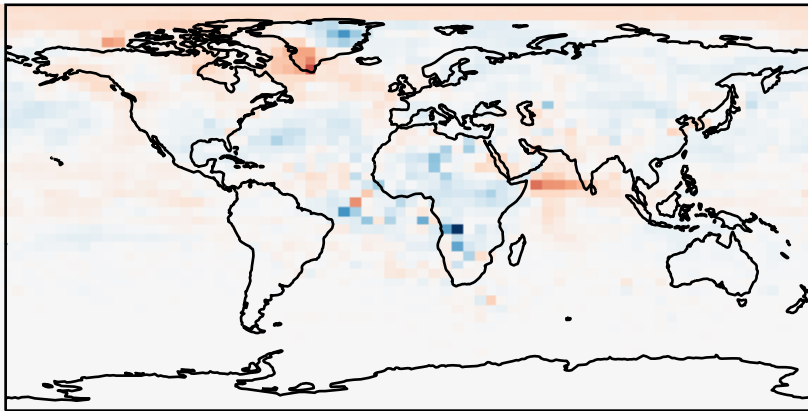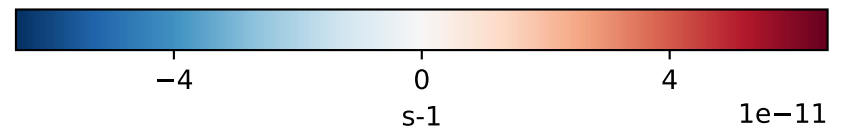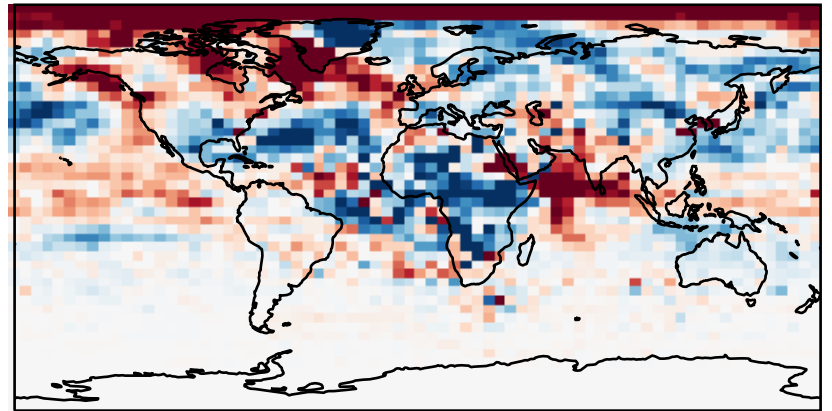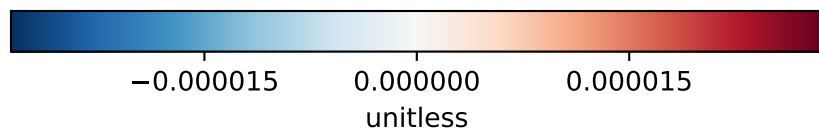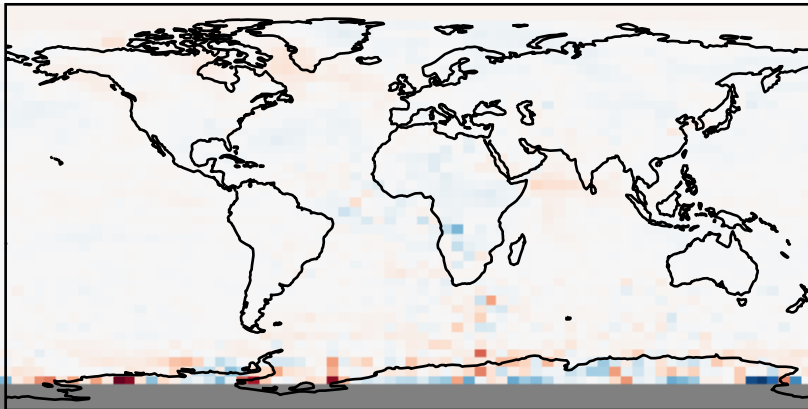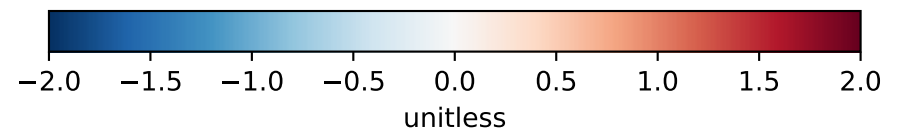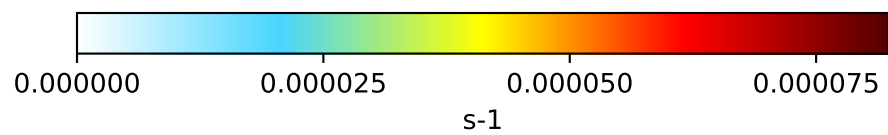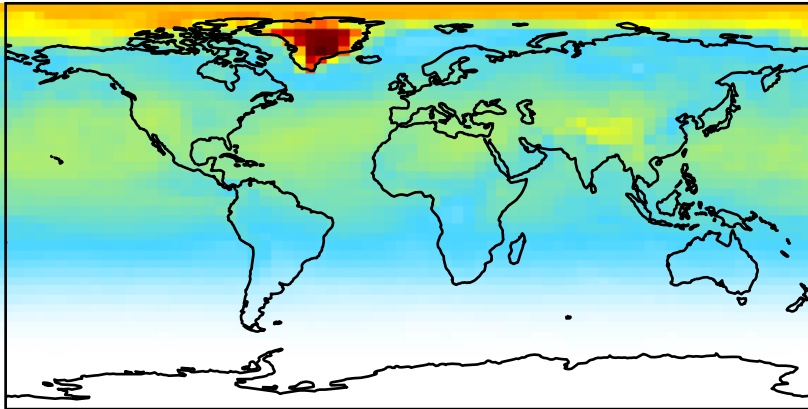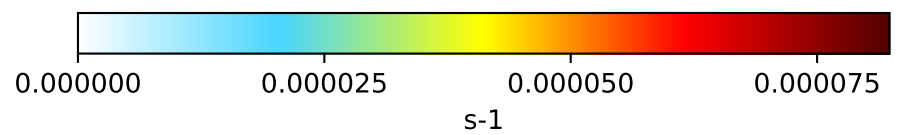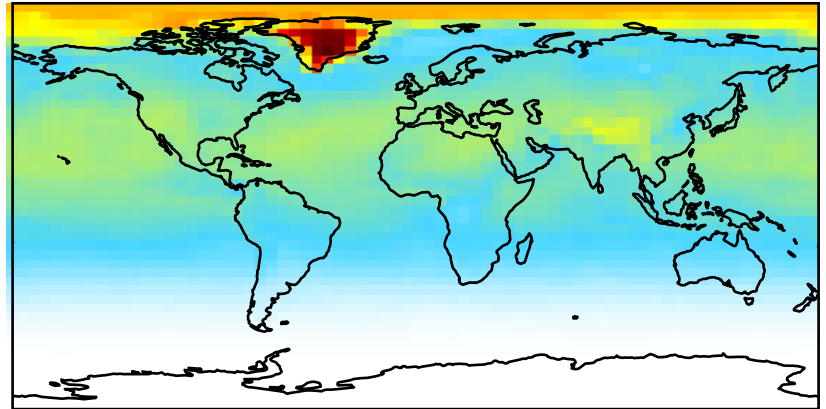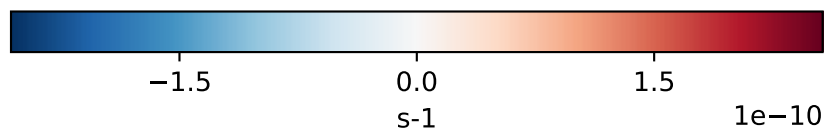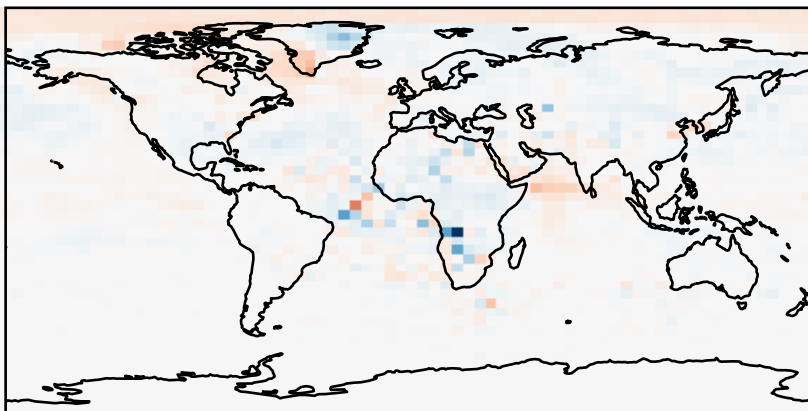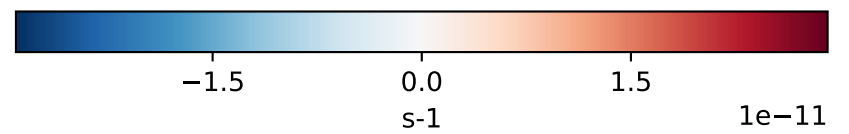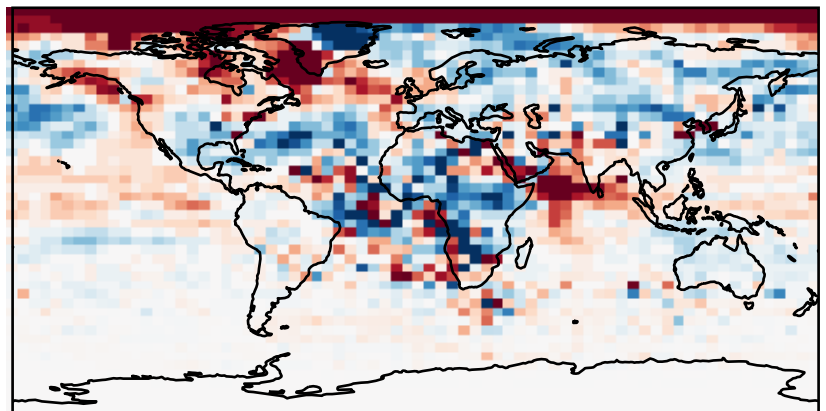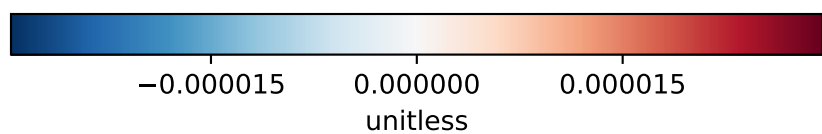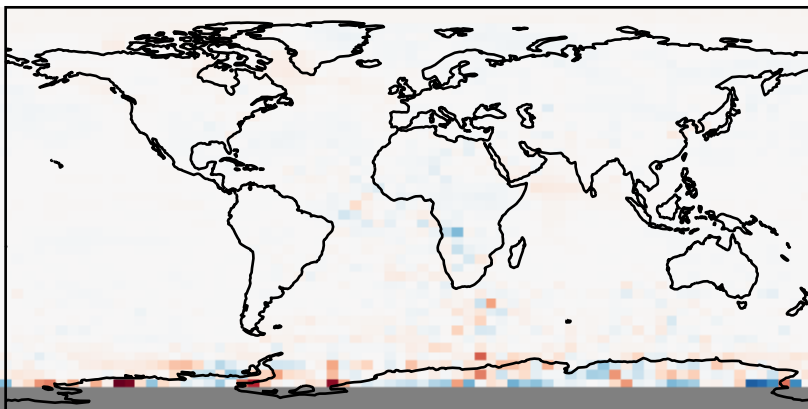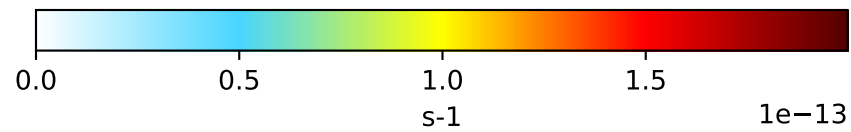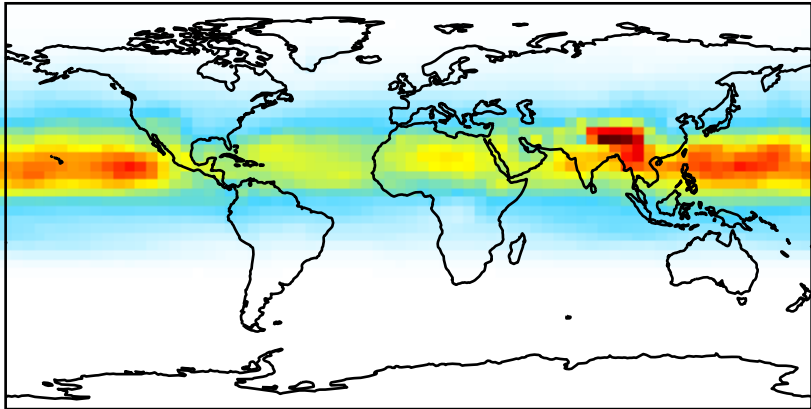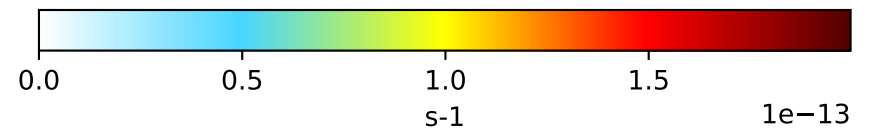
Jval_CH3Cl

Jval_CH3I

Jval_CHBr3

Jval_CHCl3

GC_12.7.0-rc.1 (Ref)
4x5

GC_12.7.0-rc.2 (Dev)
4x5

Zero throughout domain
s-1

Zero throughout domain
s-1

Difference
Dev - Ref, Dynamic Range

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

Zero throughout domain
s-1

Zero throughout domain
s-1

Fractional Difference
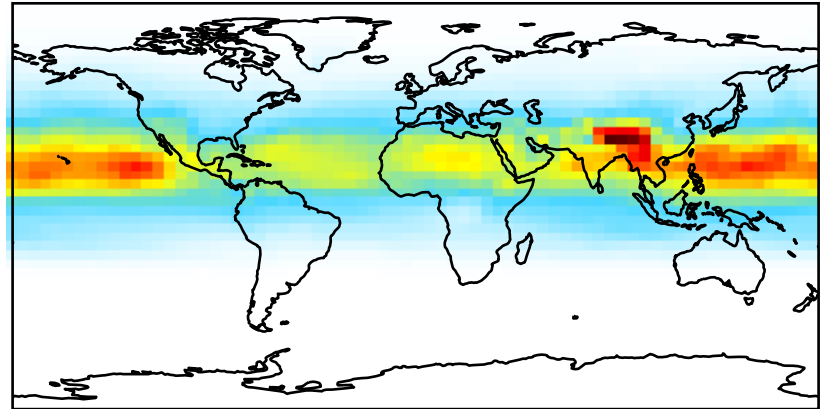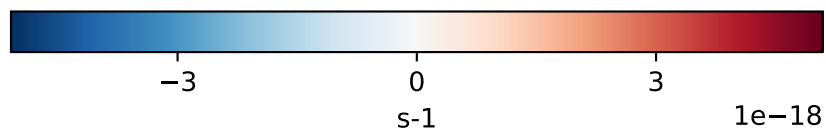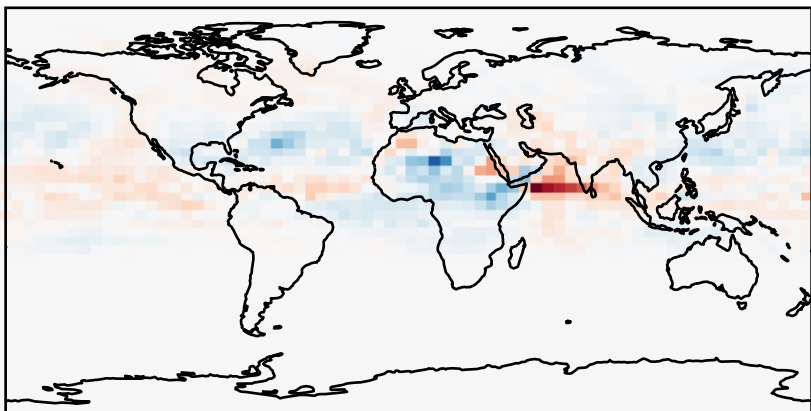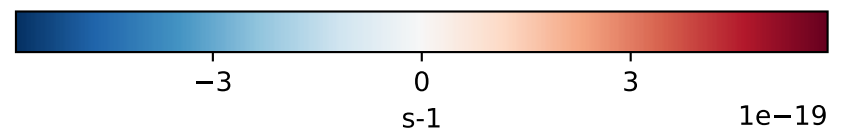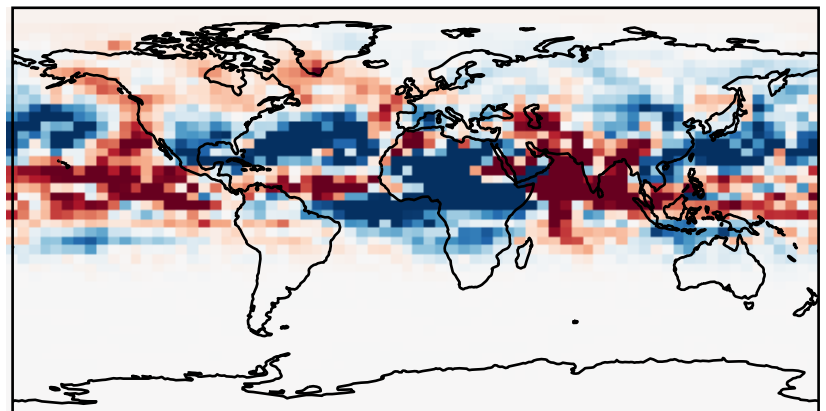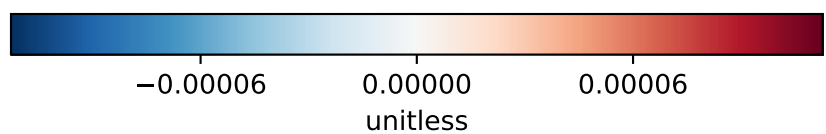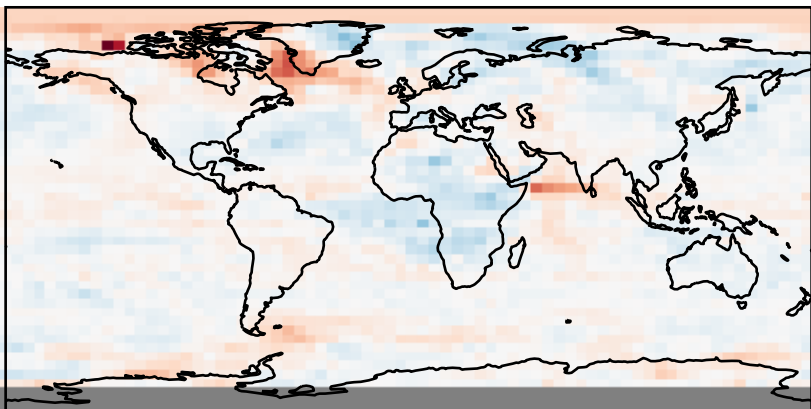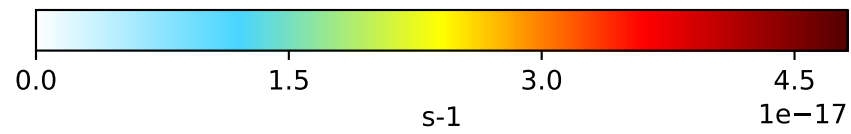(Dev-Ref)/Ref, Dynamic Range

Fractional Difference
(Dev-Ref)/Ref, Fixed Range

Undefined throughout domain
unitless

Undefined throughout domain
unitless

Jval_Cl2

Jval_Cl2O2

Jval_ClNO2

Jval_ClNO3

Jval_ClO

Jval_ClOO

Jval_DHDC

GC_12.7.0-rc.1 (Ref) 4x5	GC_12.7.0-rc.2 (Dev) 4x5

Difference
Dev - Ref, Dynamic Range

Difference
Dev - Ref, Restricted Range [5%,95%]
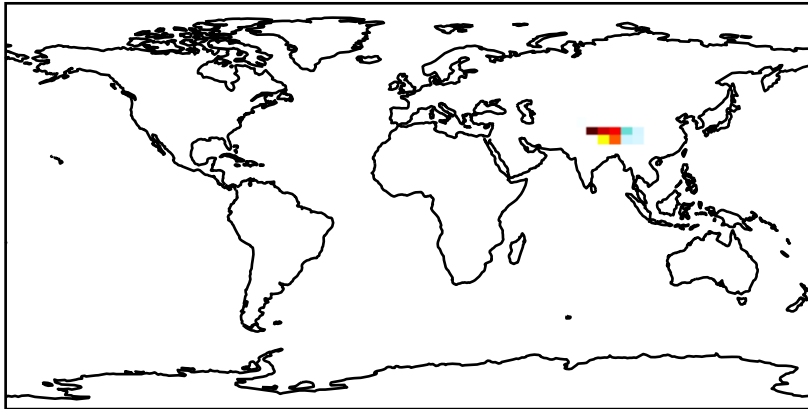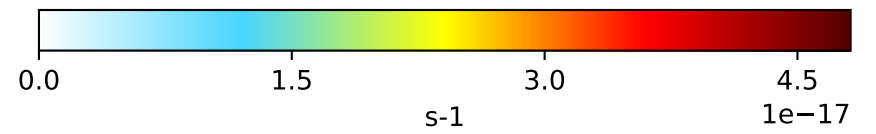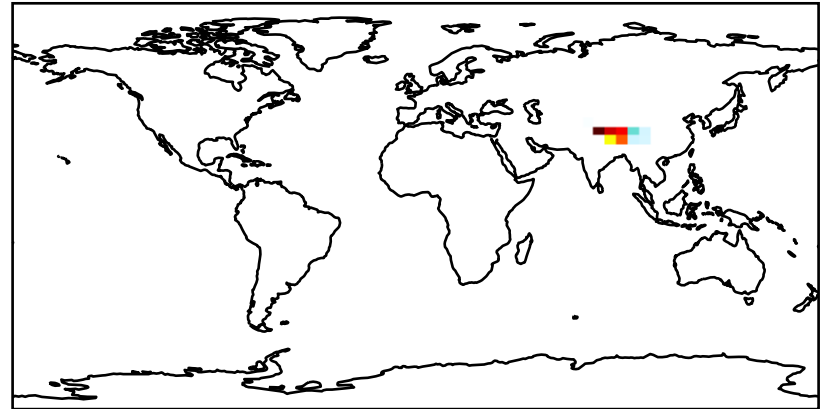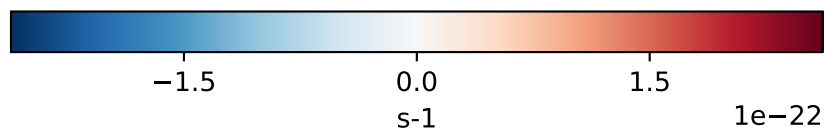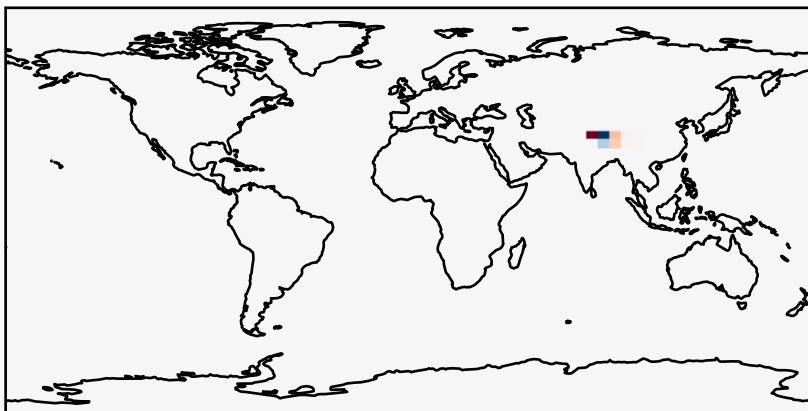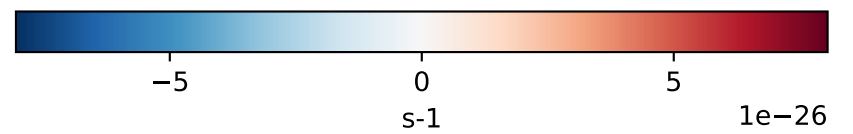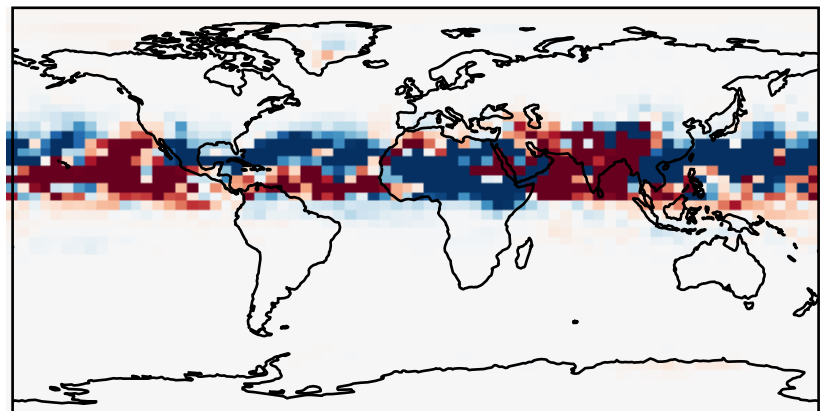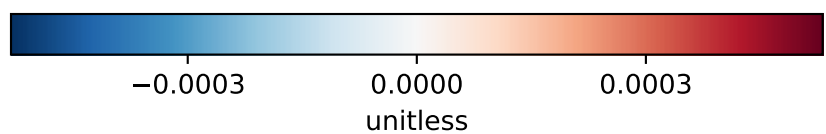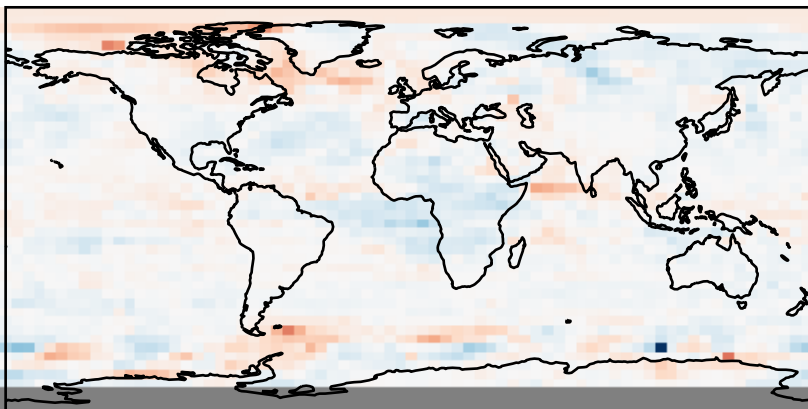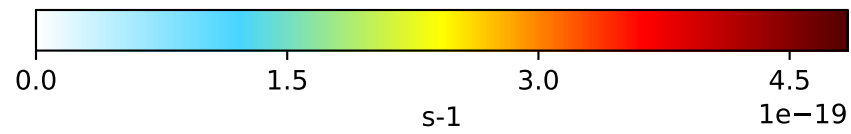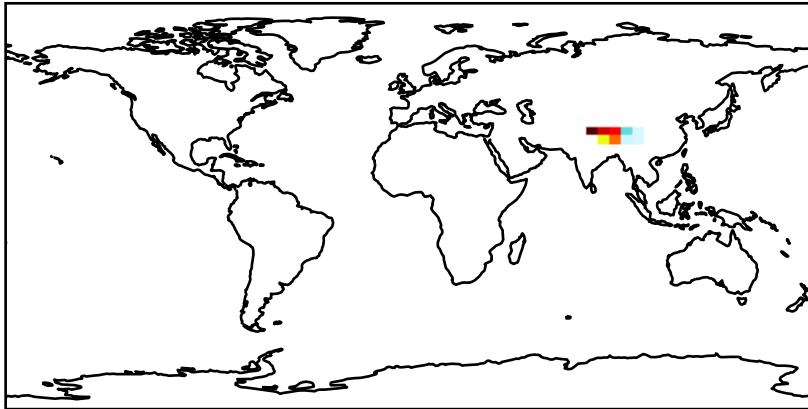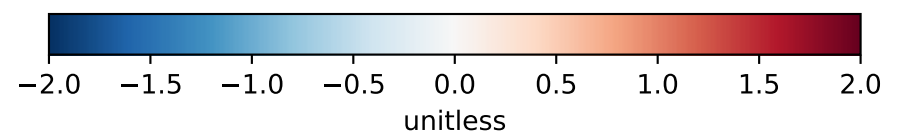
Fractional Difference
(Dev-Ref)/Ref, Dynamic Range
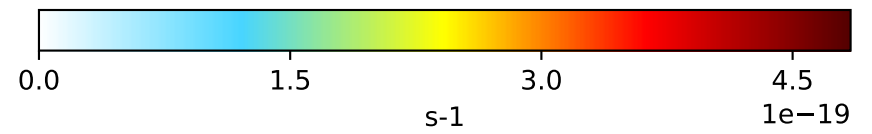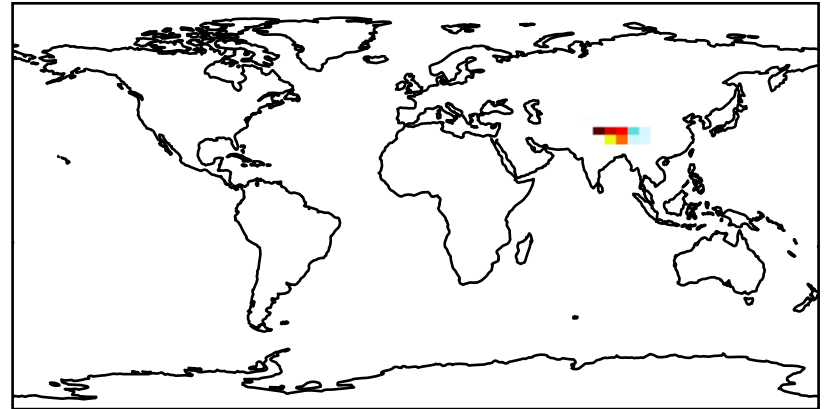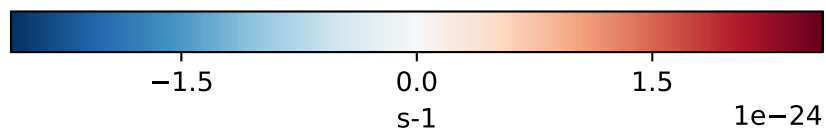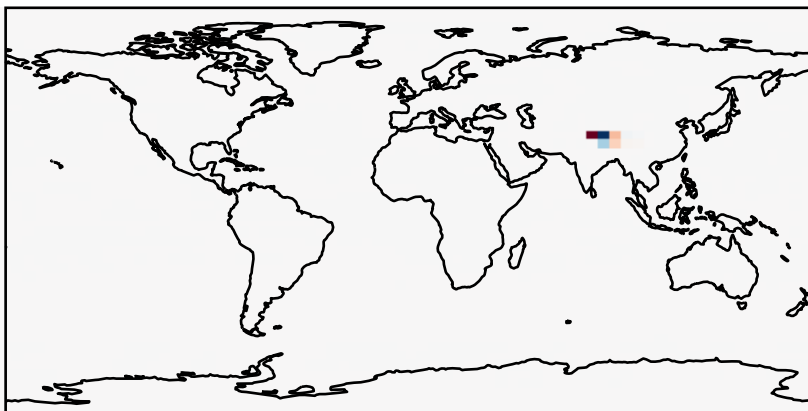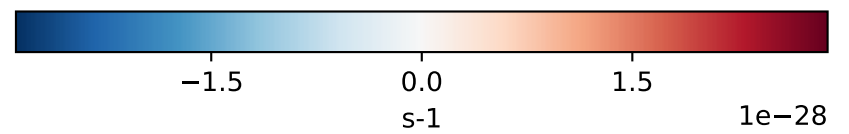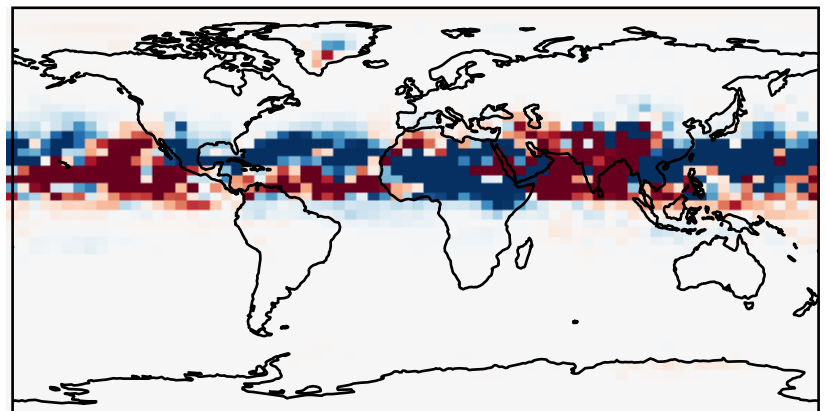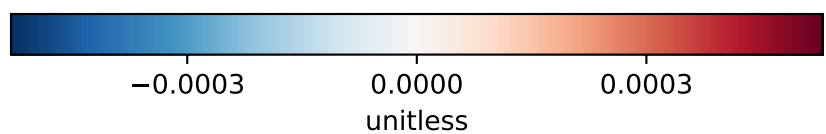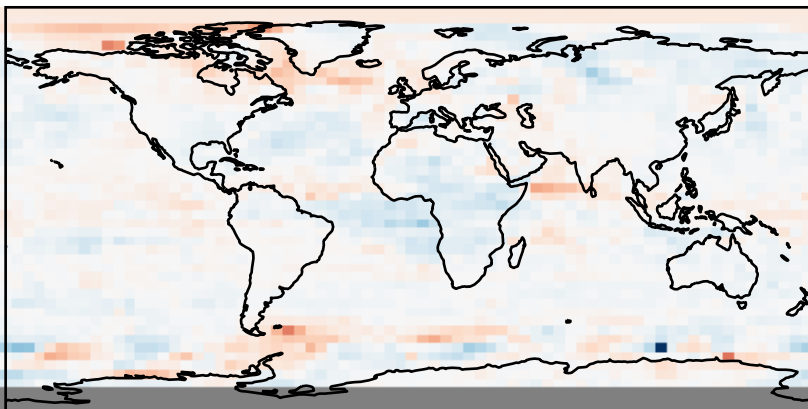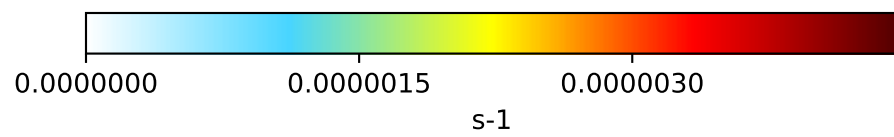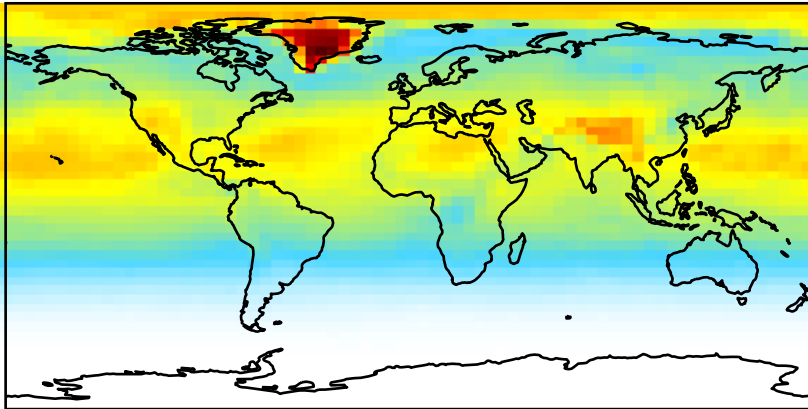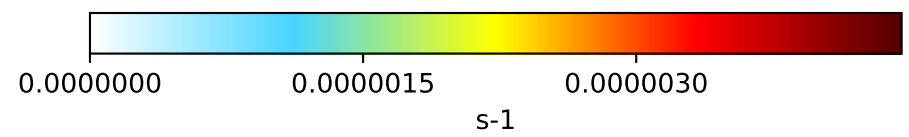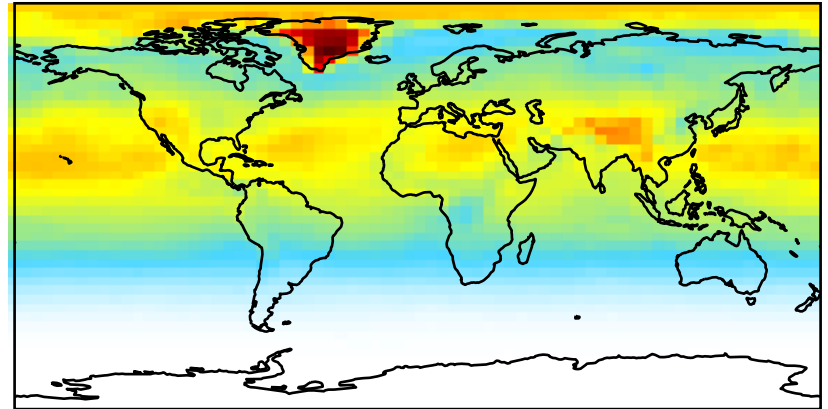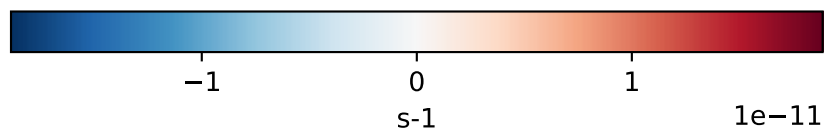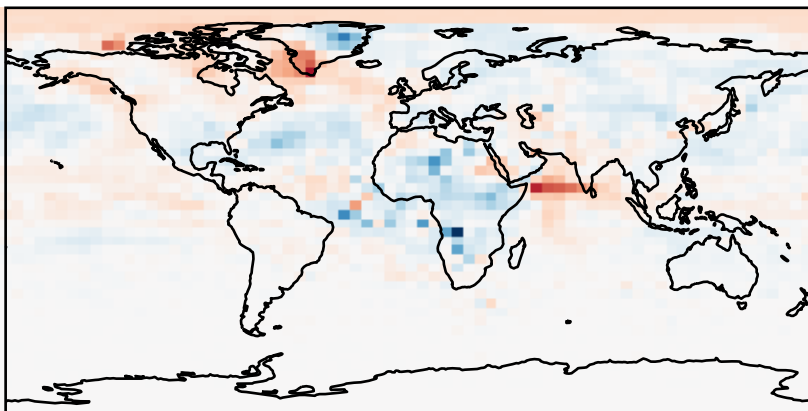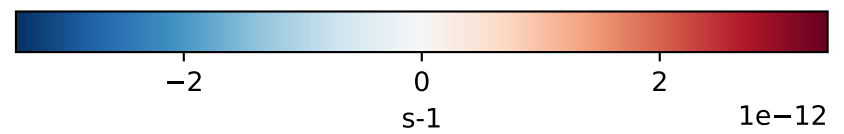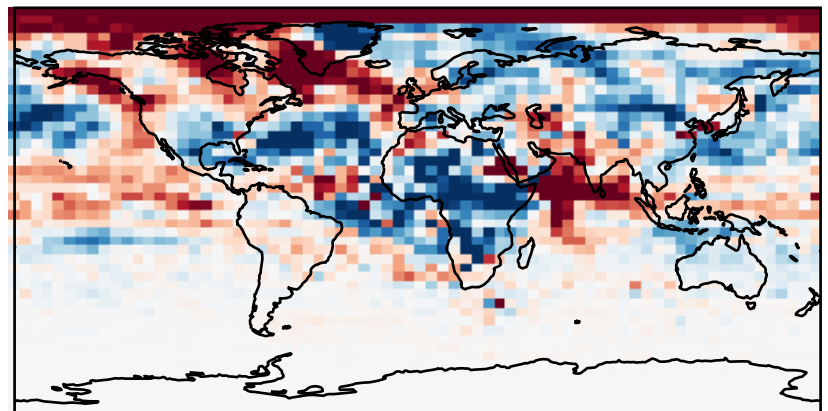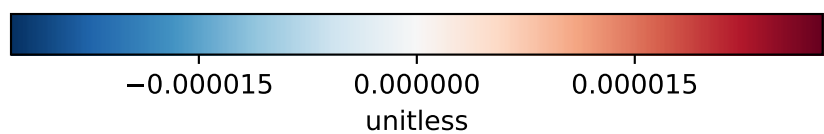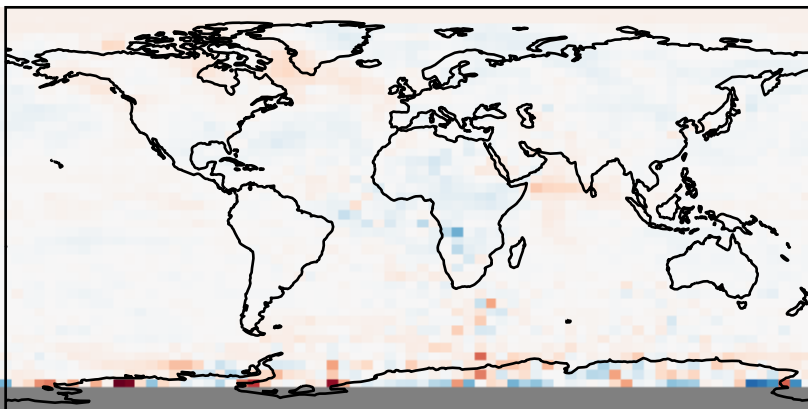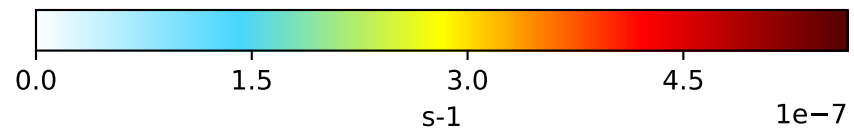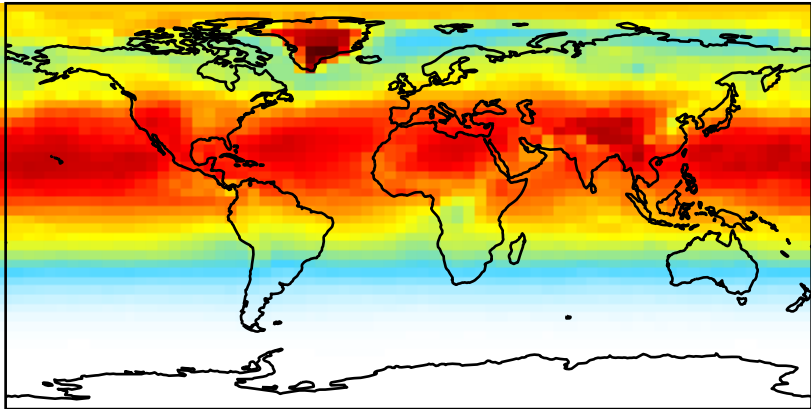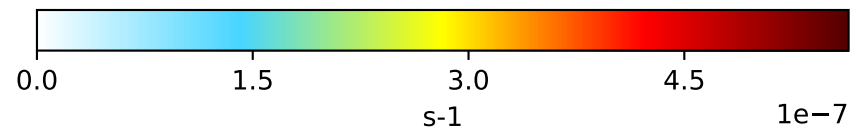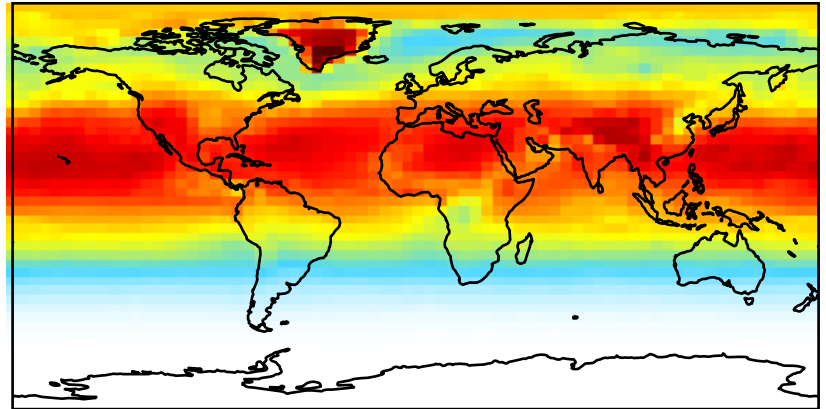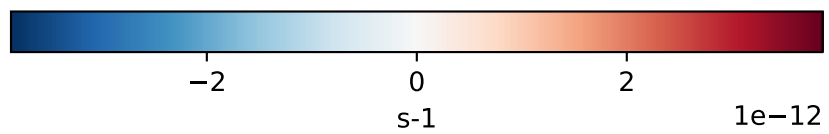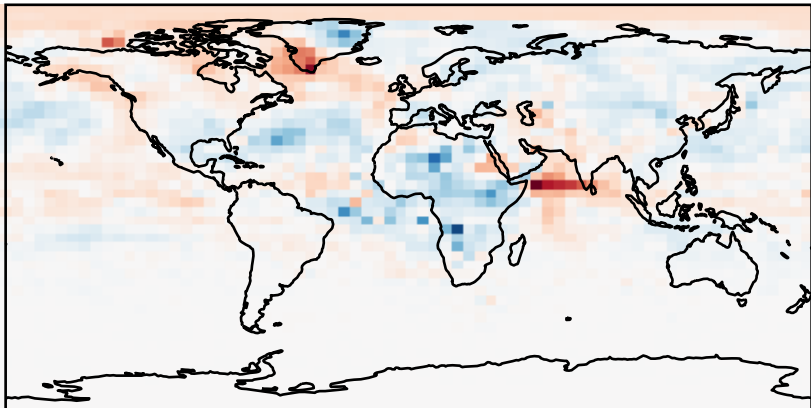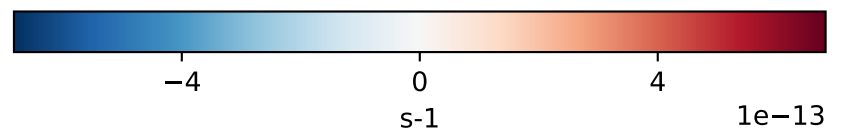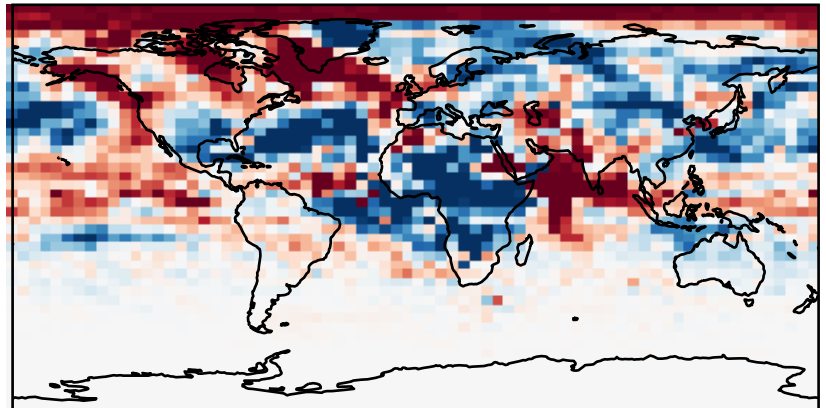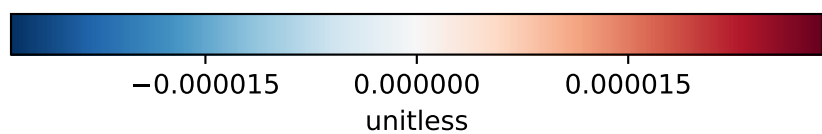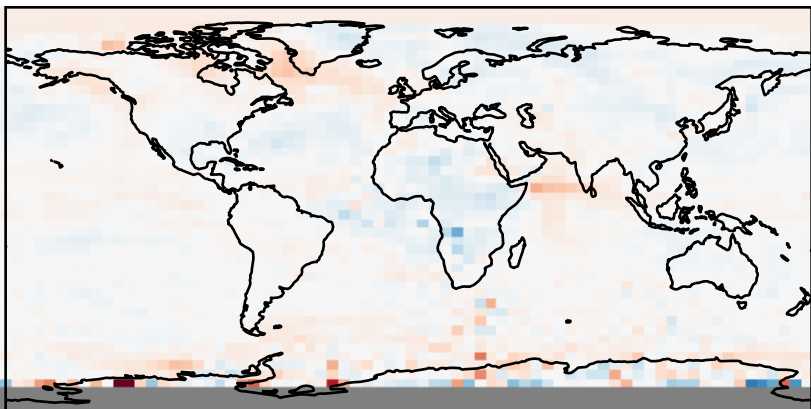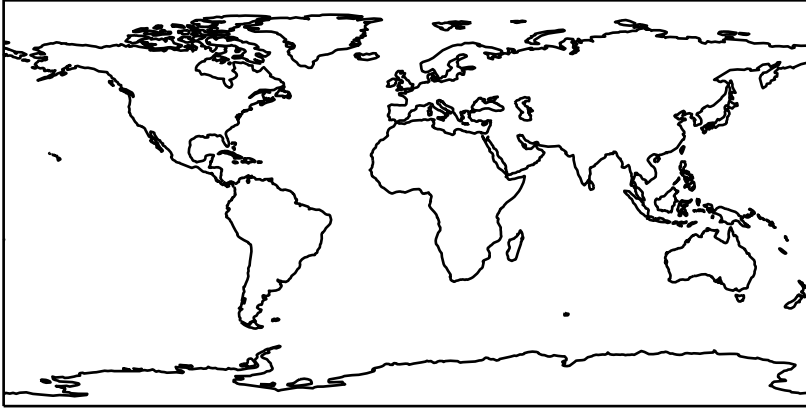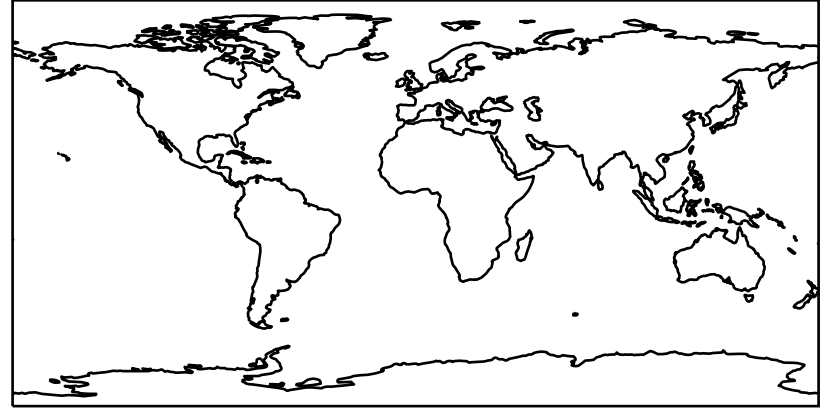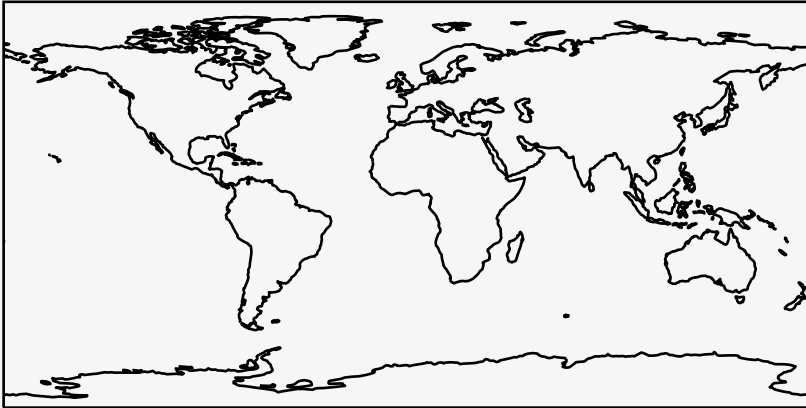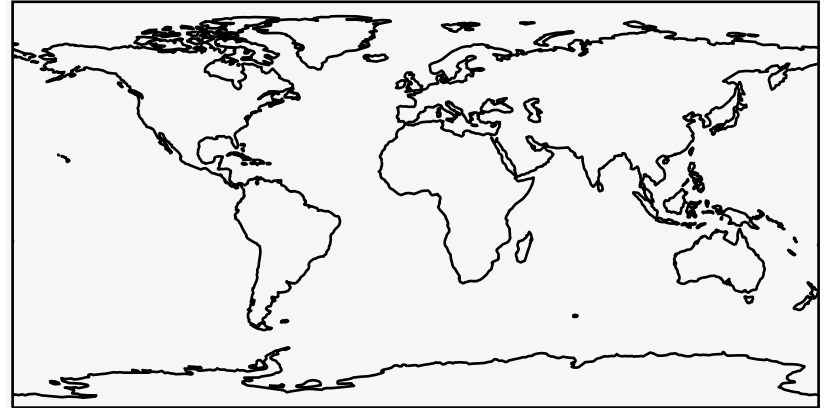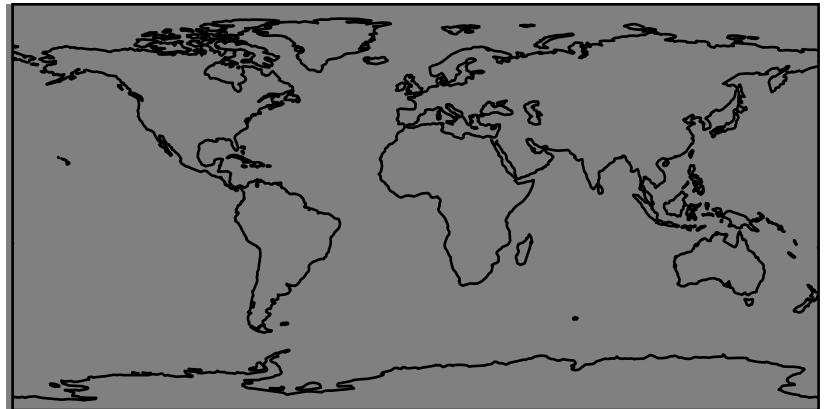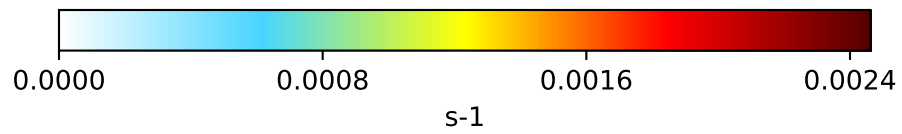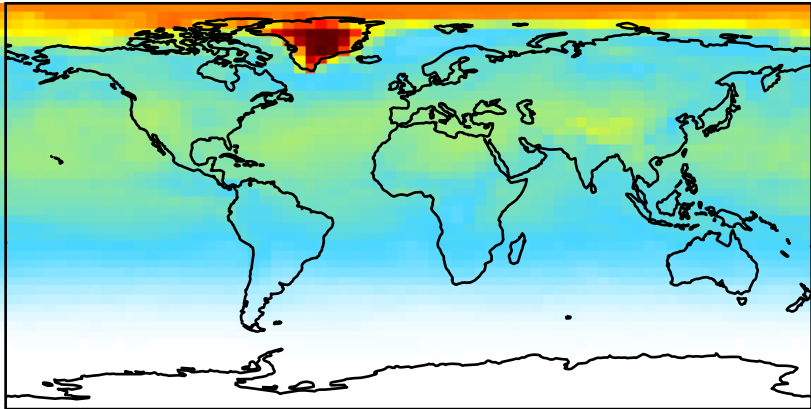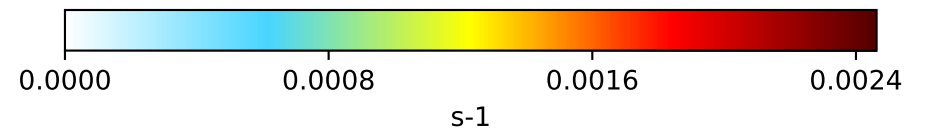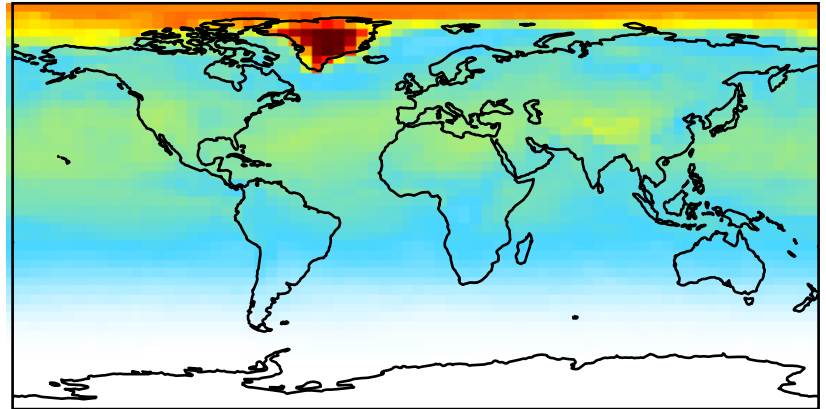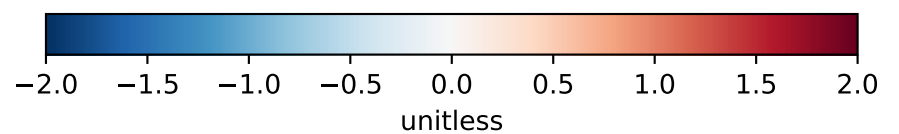
Fractional Difference
(Dev-Ref)/Ref, Fixed Range

Jval_ETHLN

Jval_ETNO3

Jval_ETP

Jval_GLYC
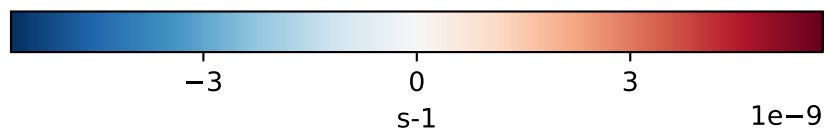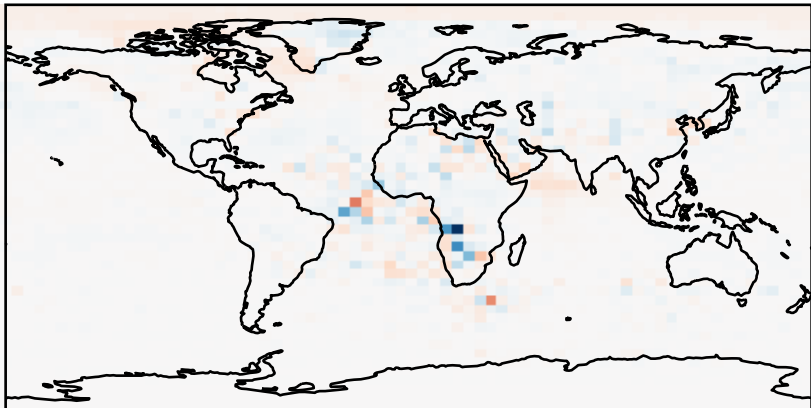
Jval_GLYX

Jval_H1211

Jval_H1301

Jval_H2402

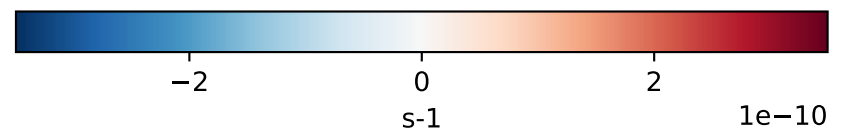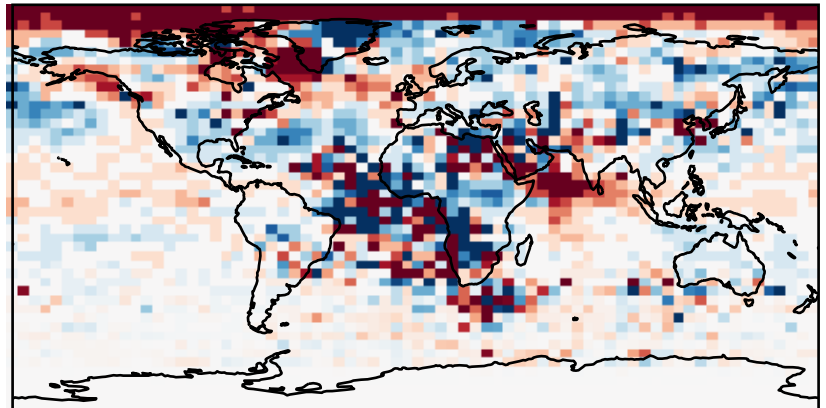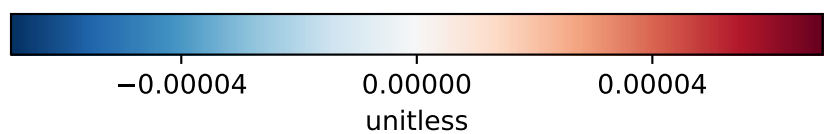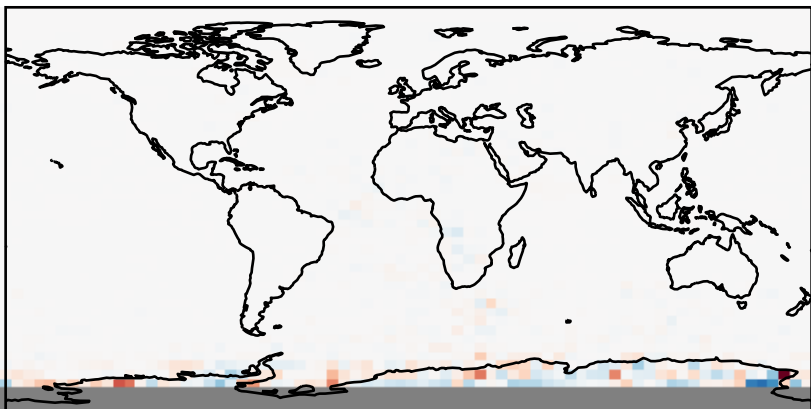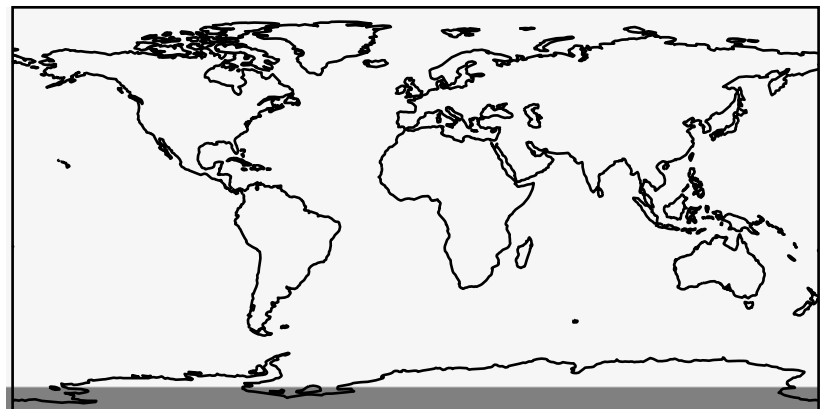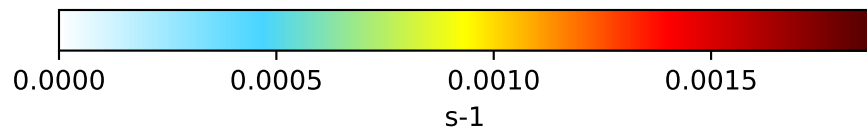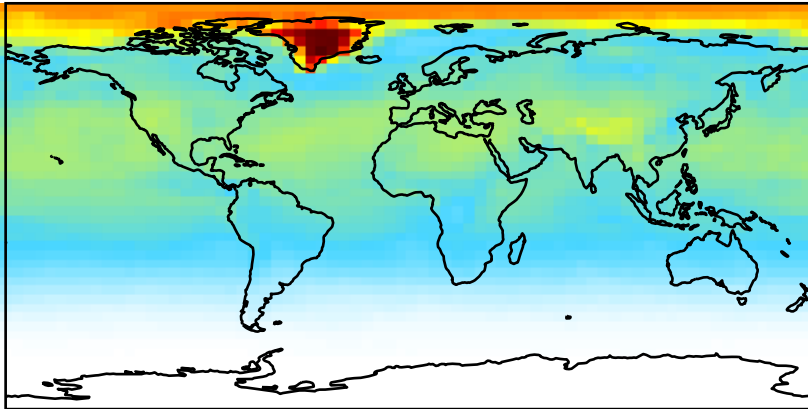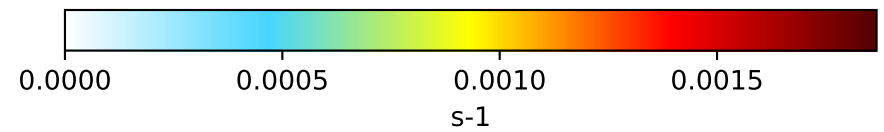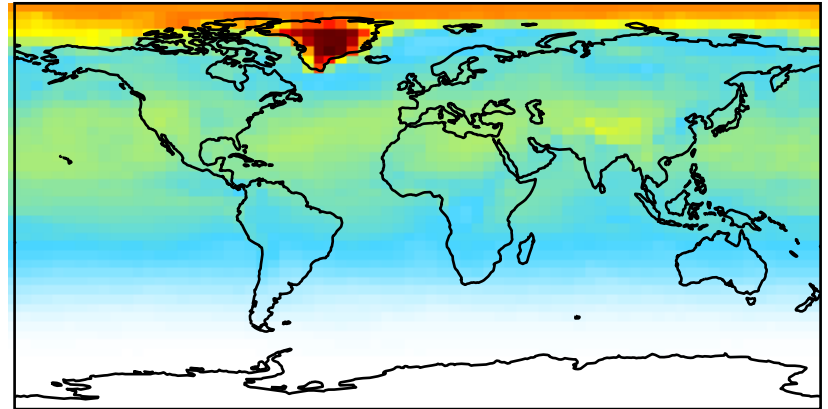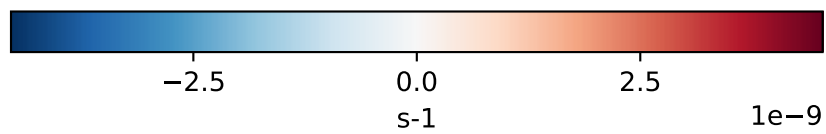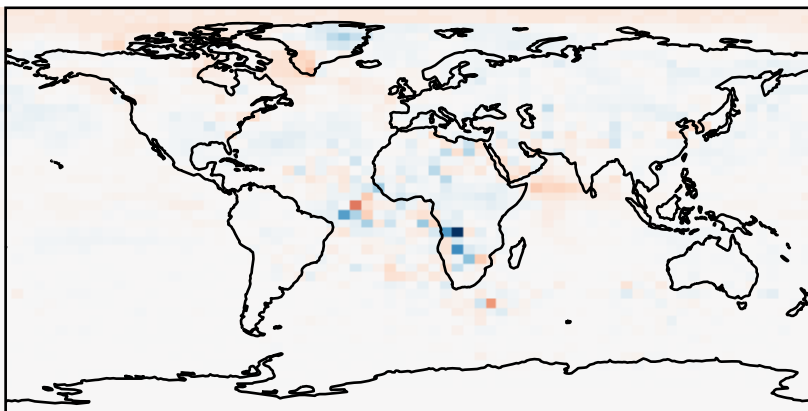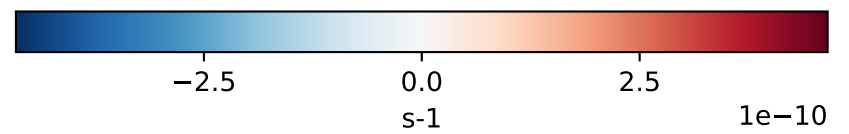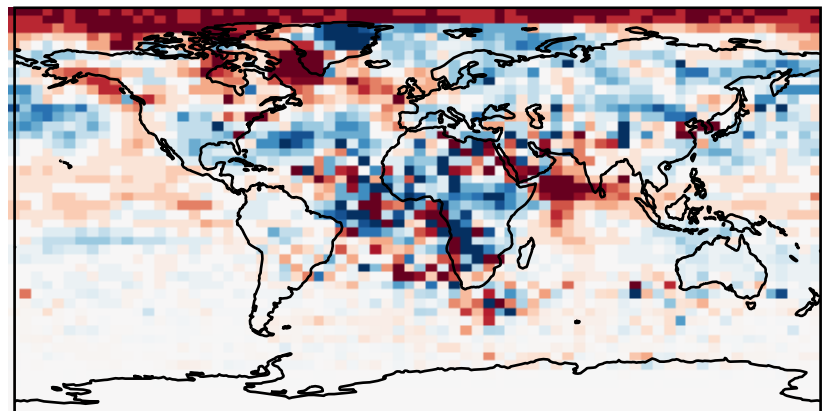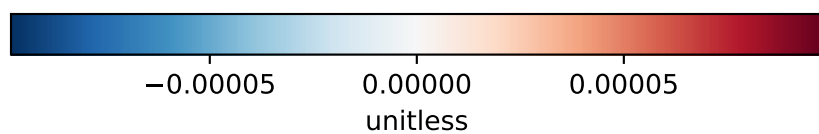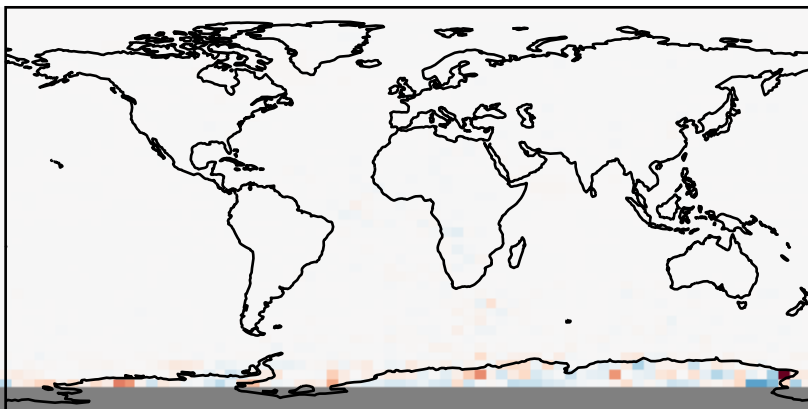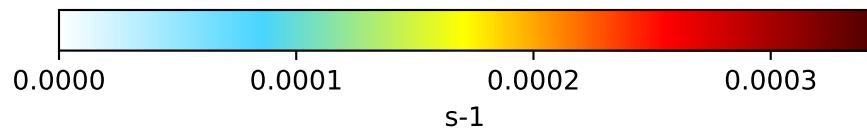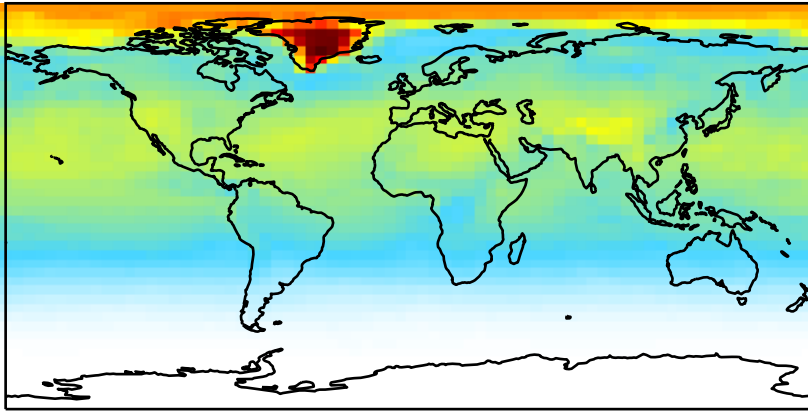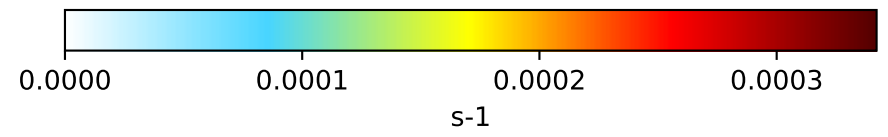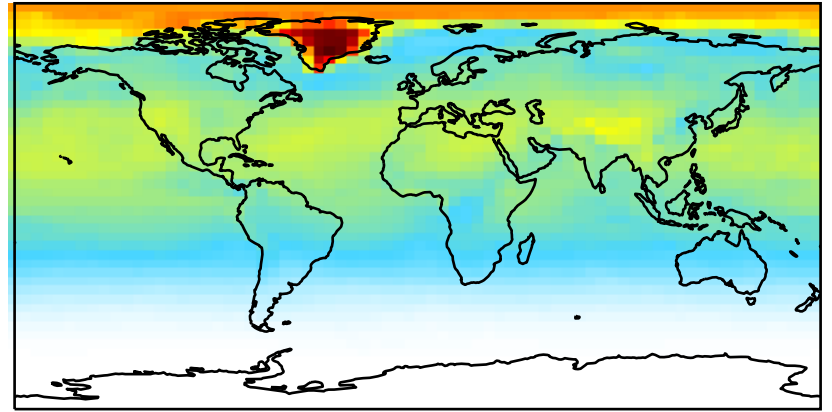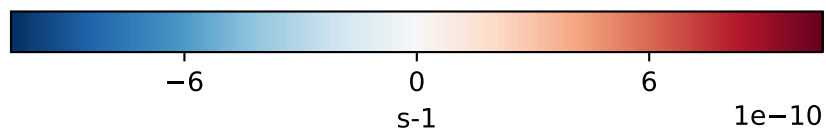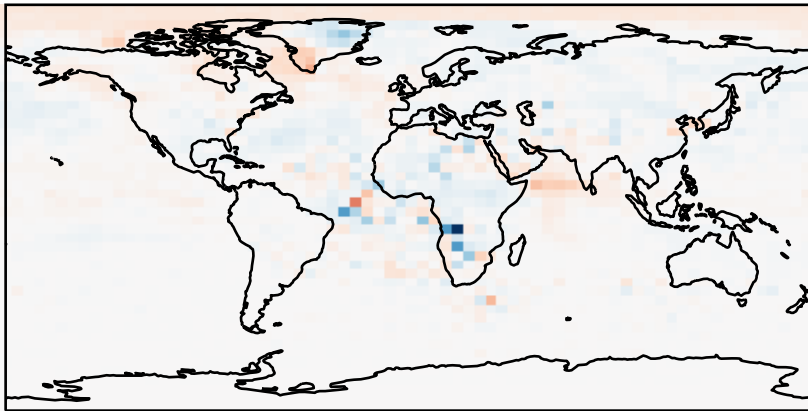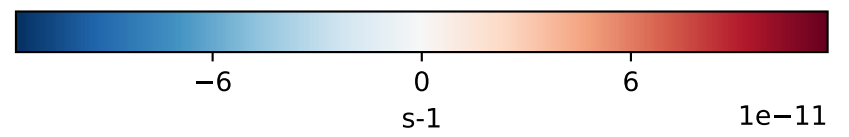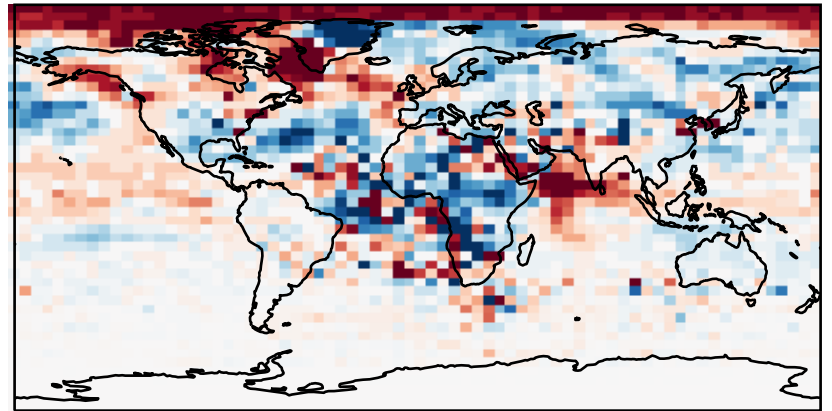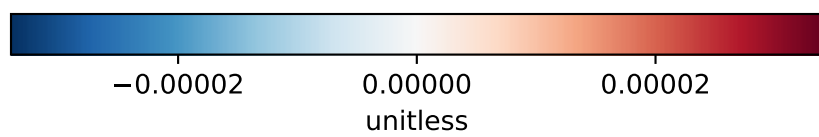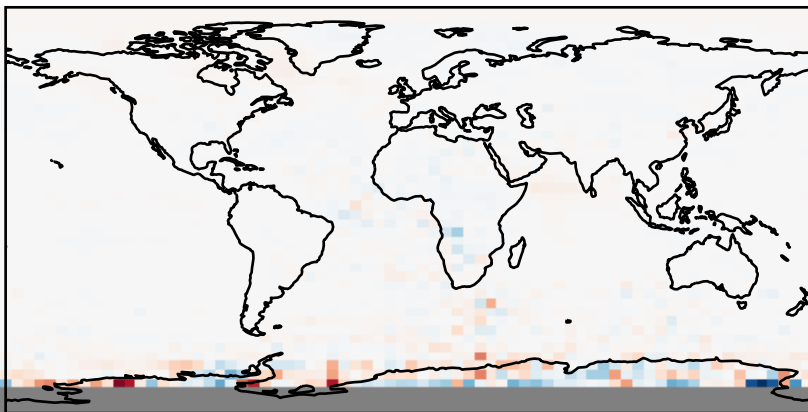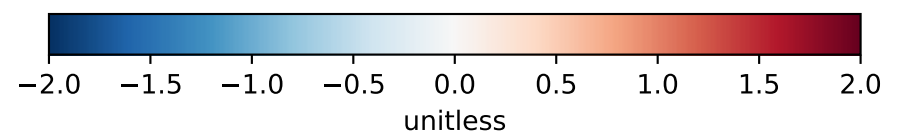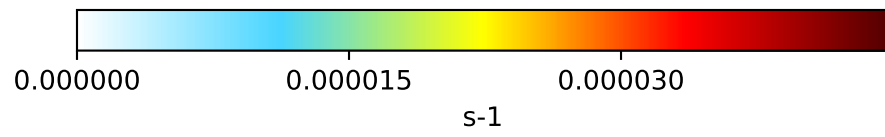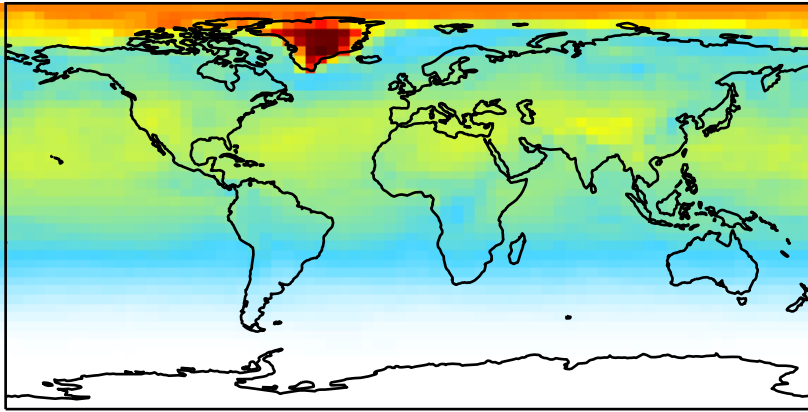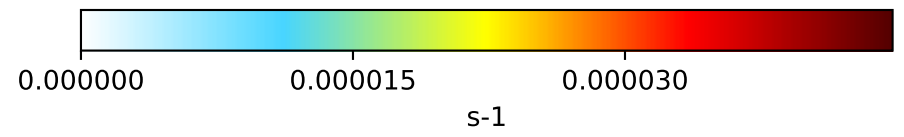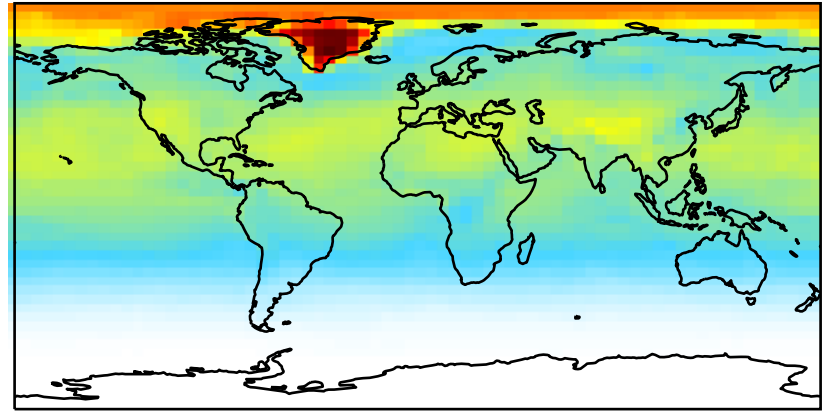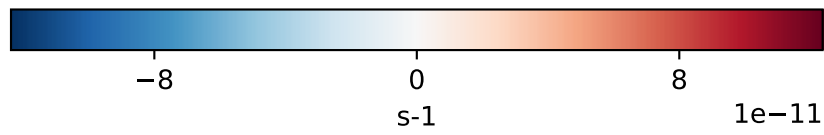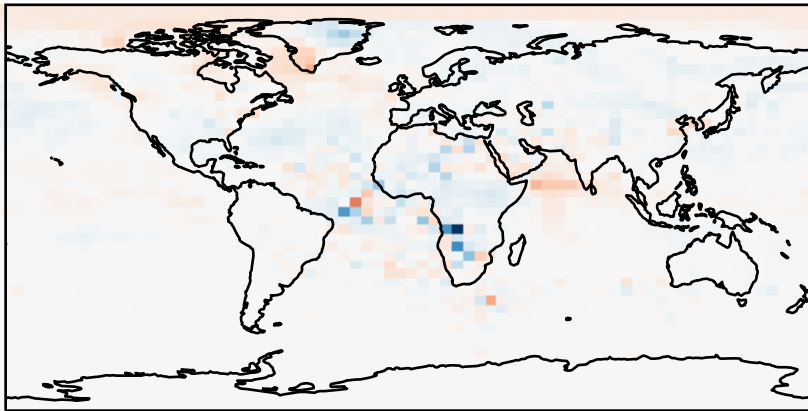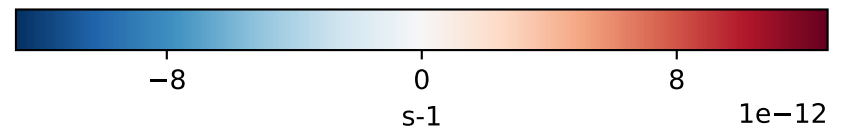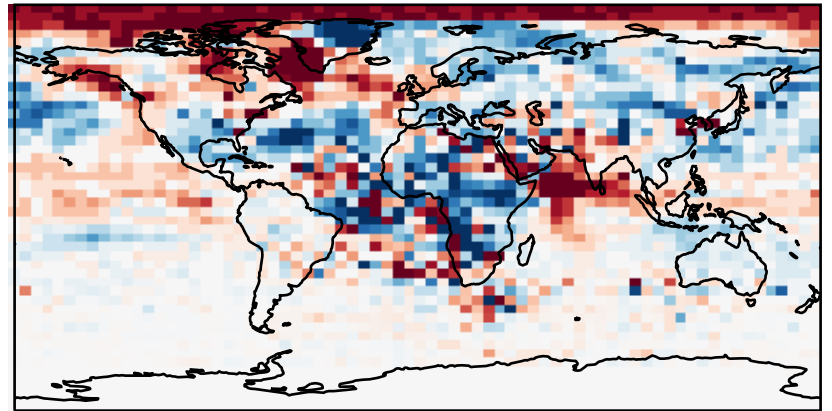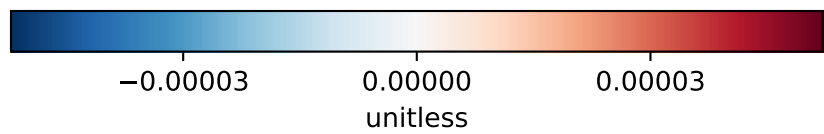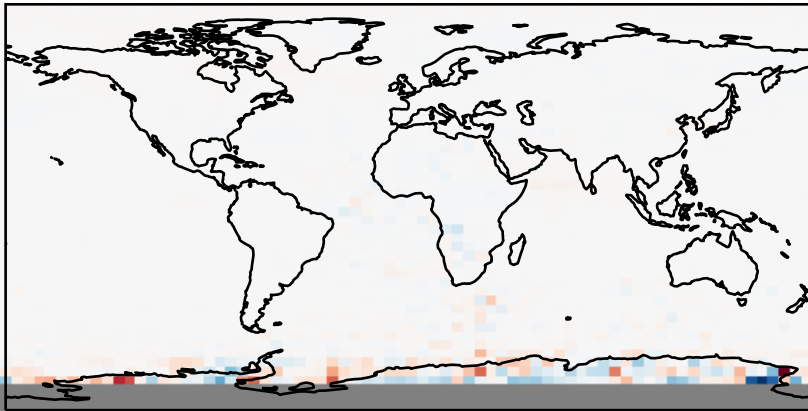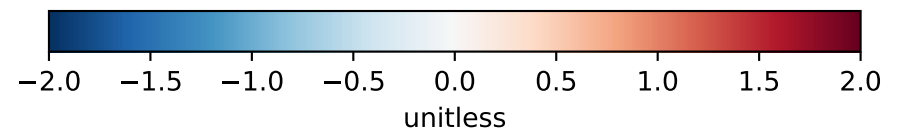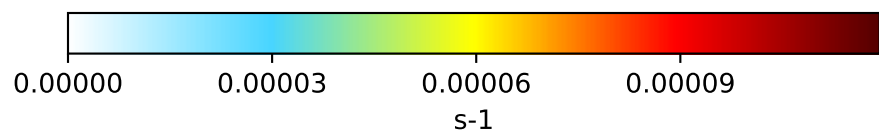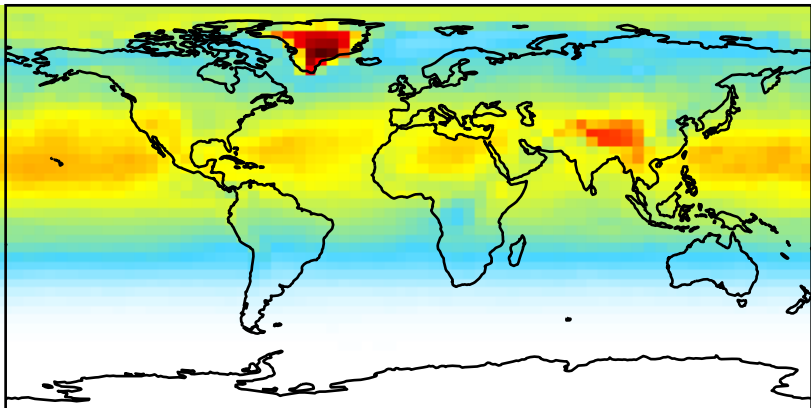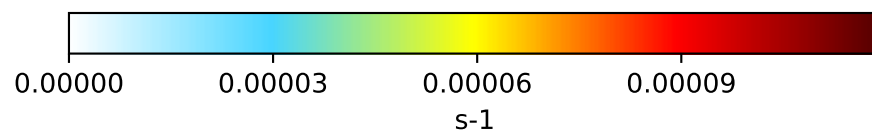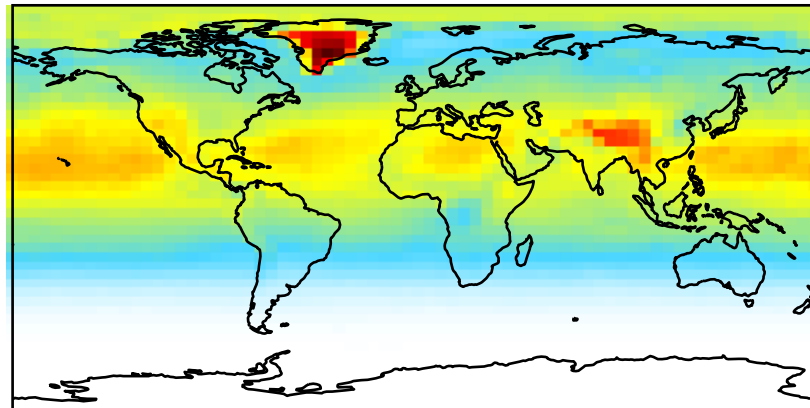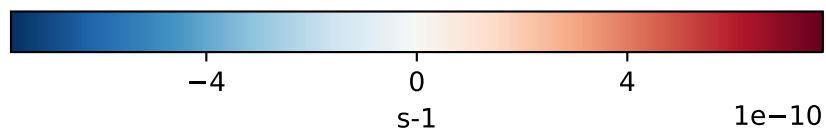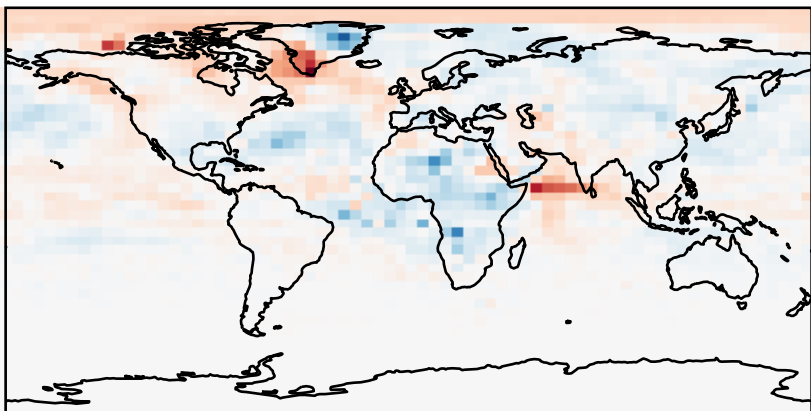# Jval_H2O2

Jval_HAC

GC_12.7.0-rc.1 (Ref)
4x5

GC_12.7.0-rc.2 (Dev)
4x5

s-1

s-1

Difference
Dev - Ref, Dynamic Range

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

s-1

1e-12

s-1

1e-13

Fractional Difference
(Dev-Ref)/Ref, Dynamic Range

Fractional Difference
(Dev-Ref)/Ref, Fixed Range
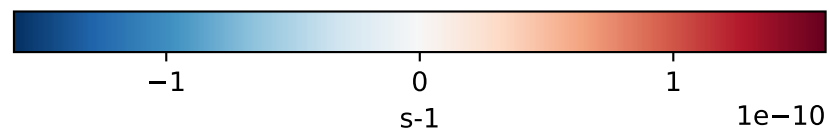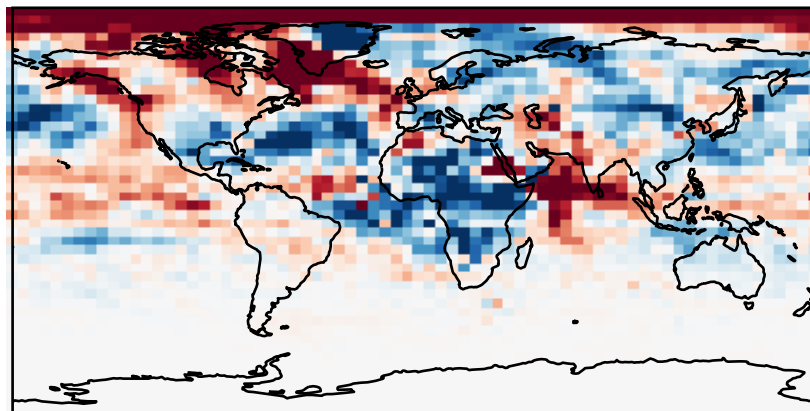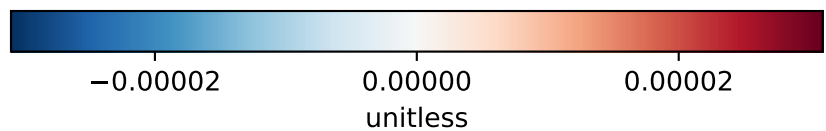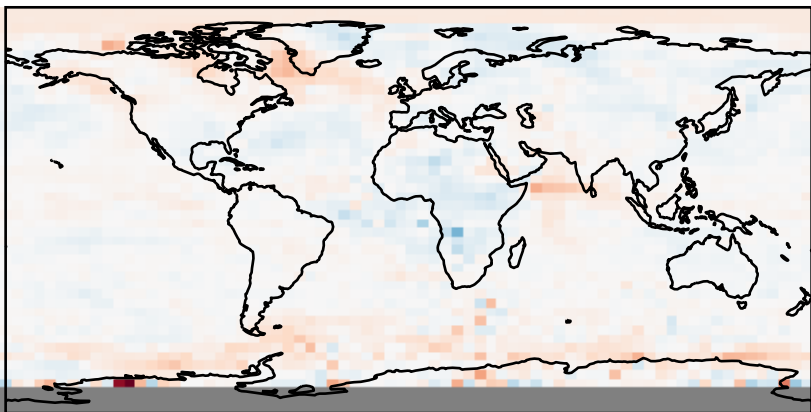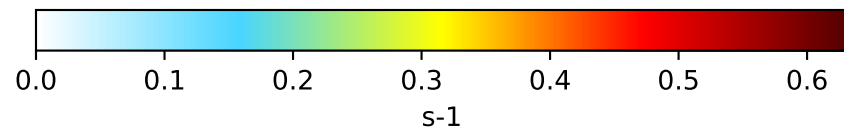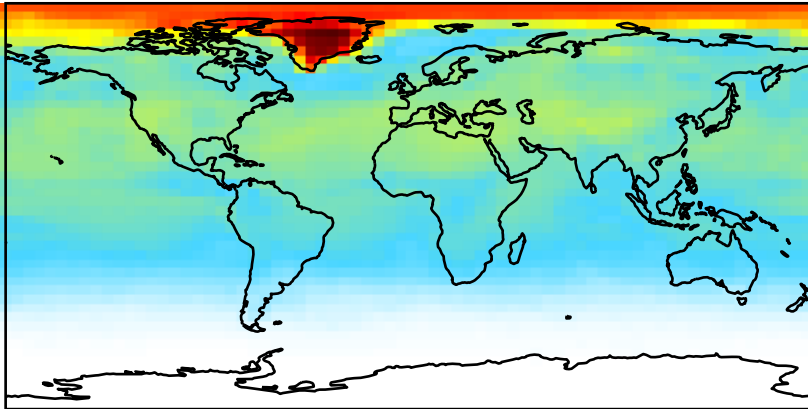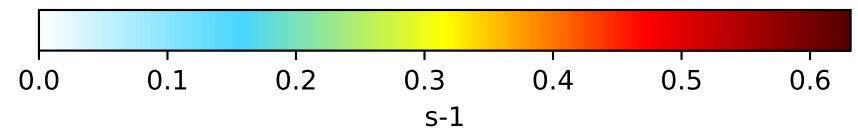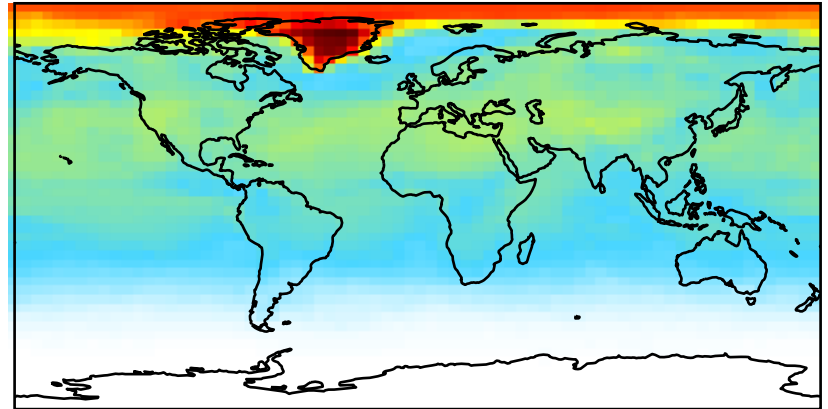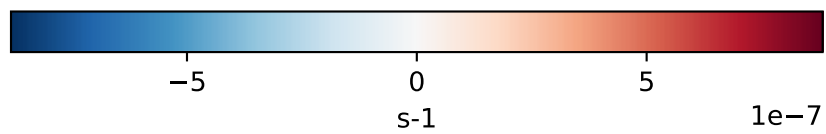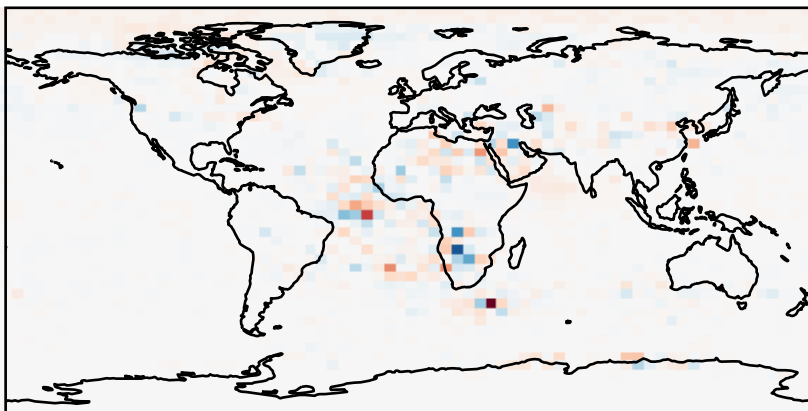
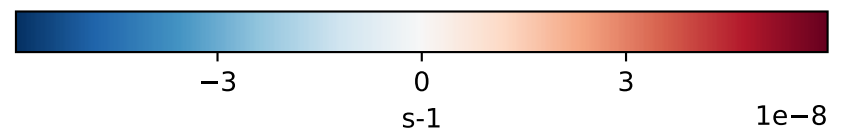unitless

unitless

Jval_HCFC123
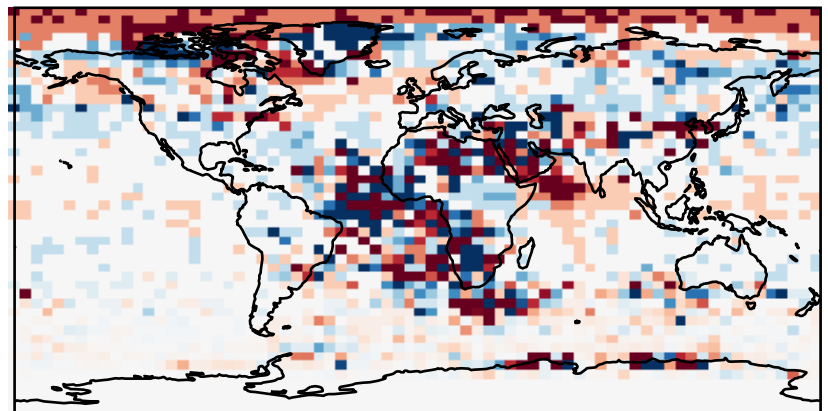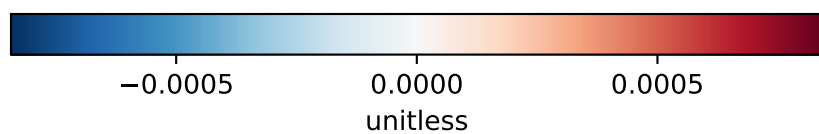

GC_12.7.0-rc.1 (Ref)
4x5
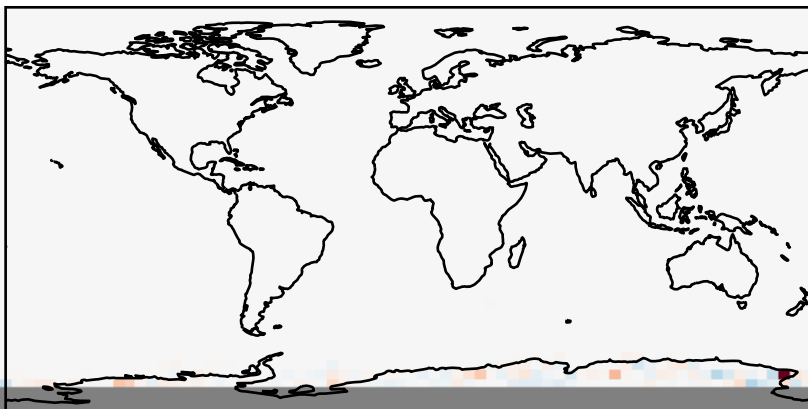
GC_12.7.0-rc.2 (Dev)
4x5

Difference
Dev - Ref, Dynamic Range

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

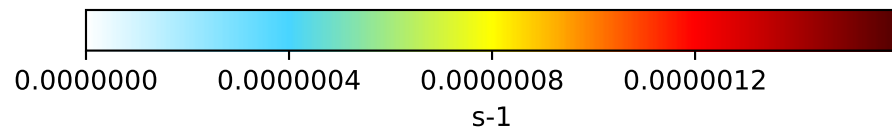Fractional Difference
(Dev-Ref)/Ref, Dynamic Range

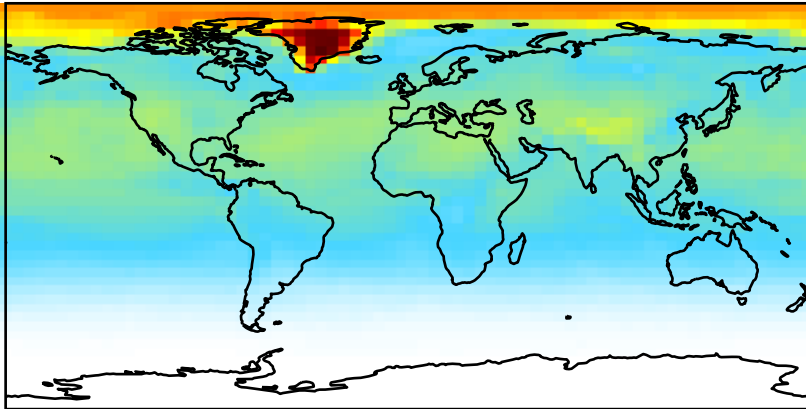Fractional Difference
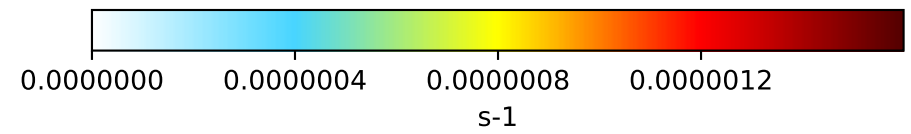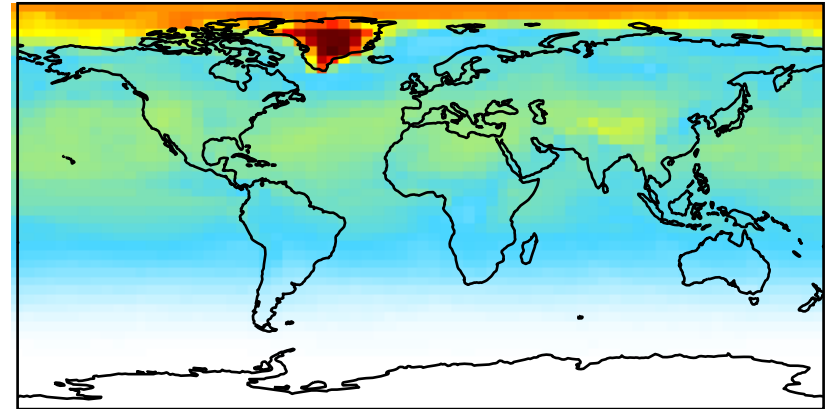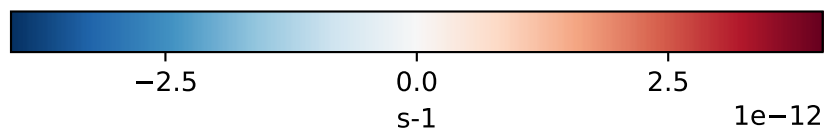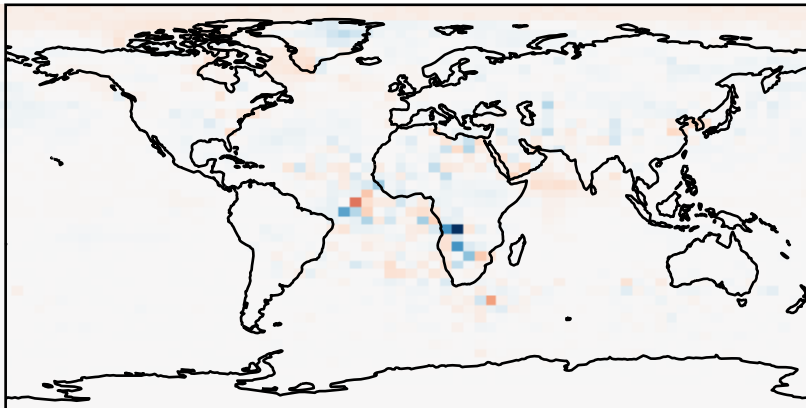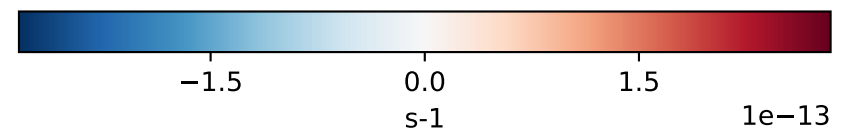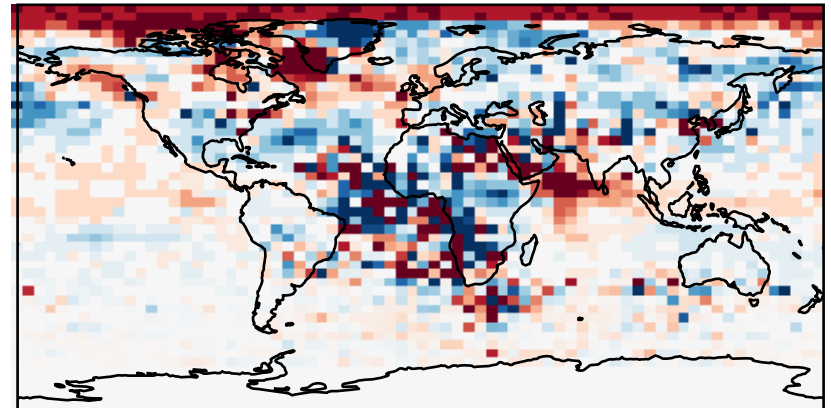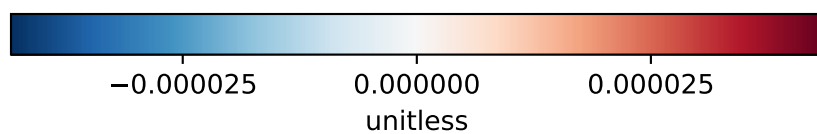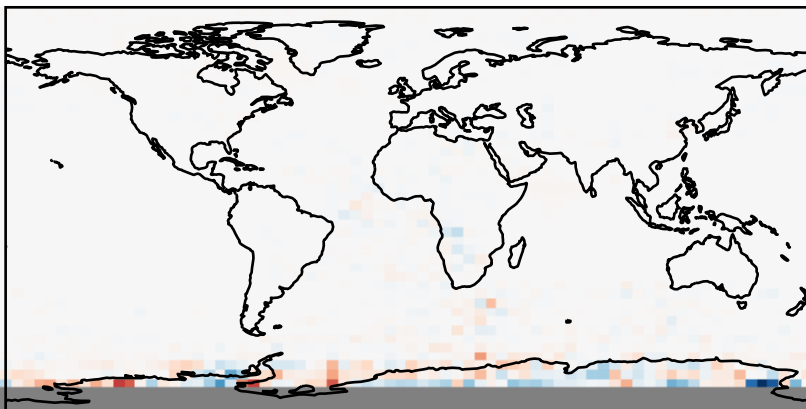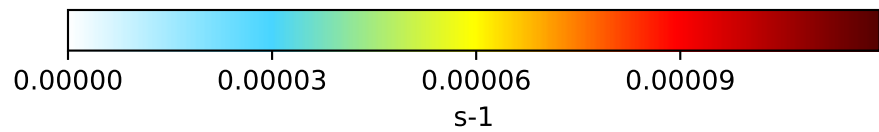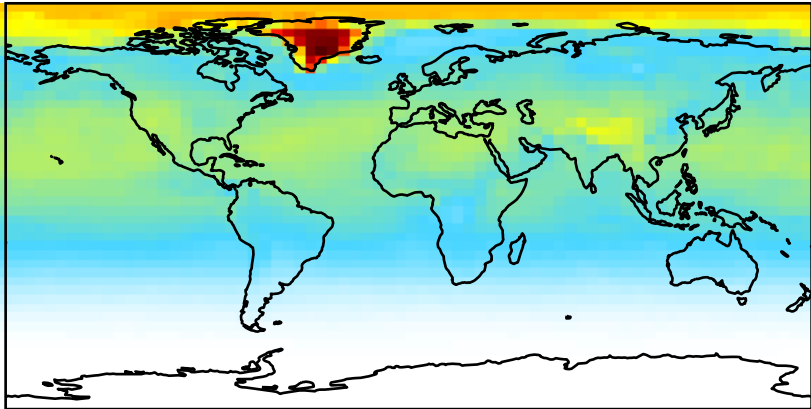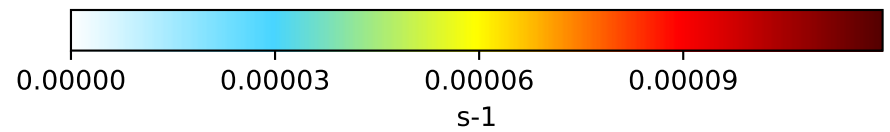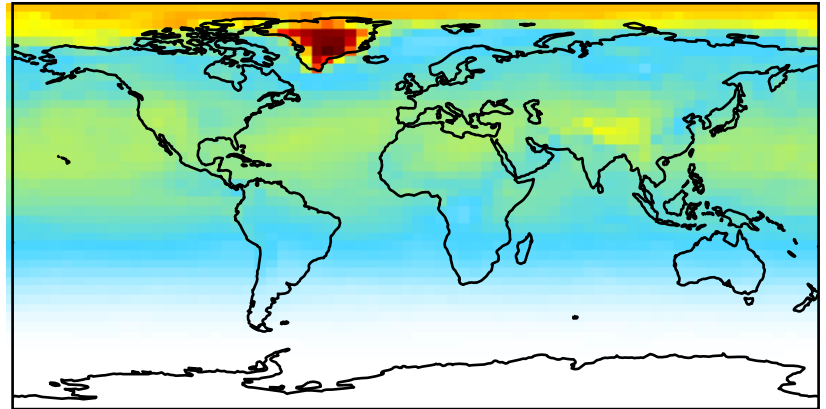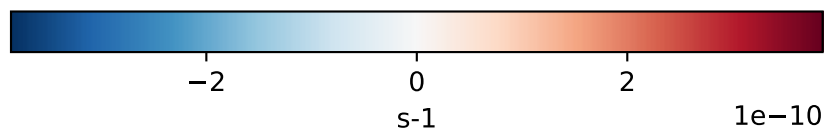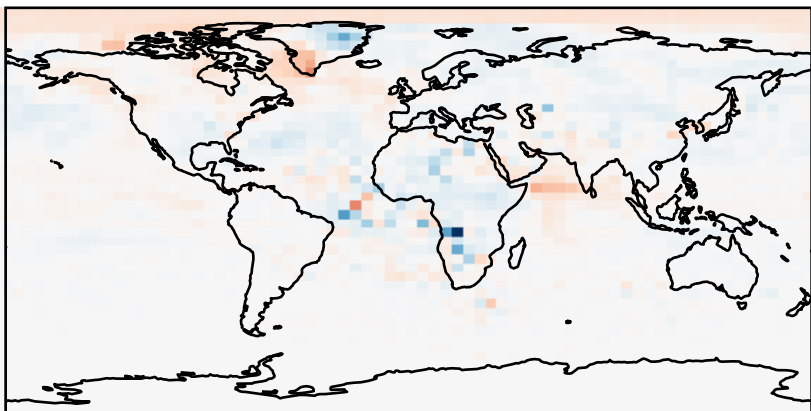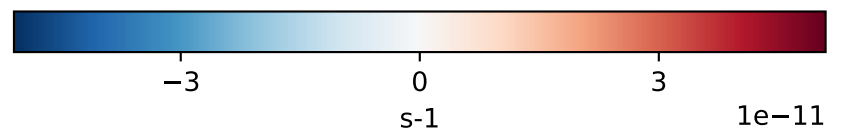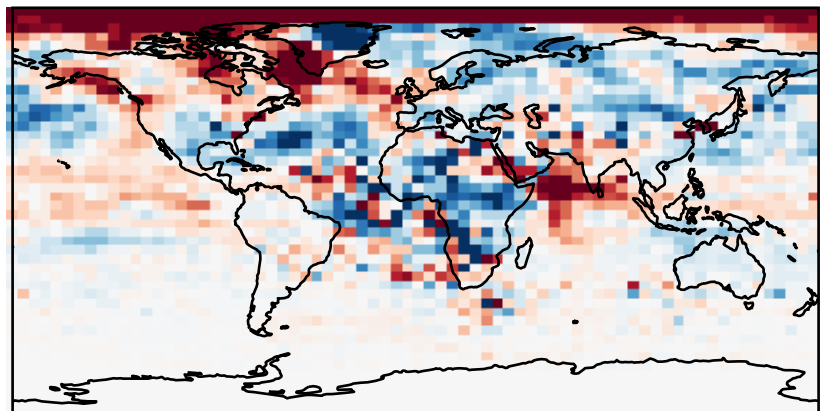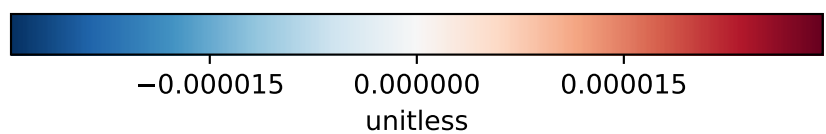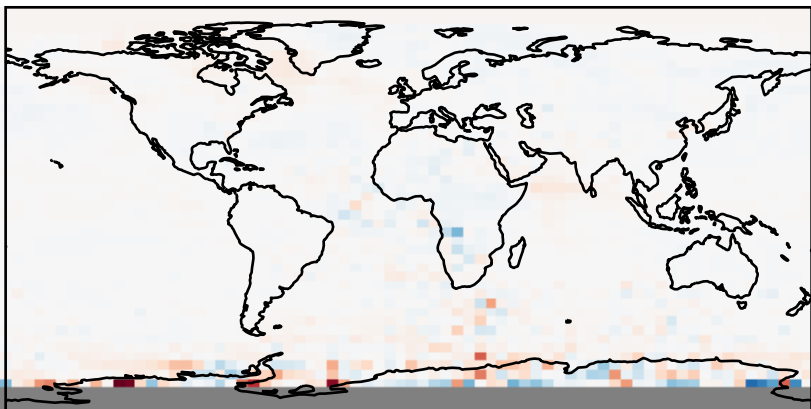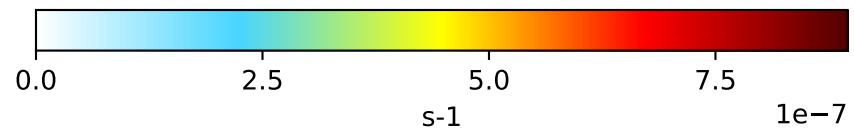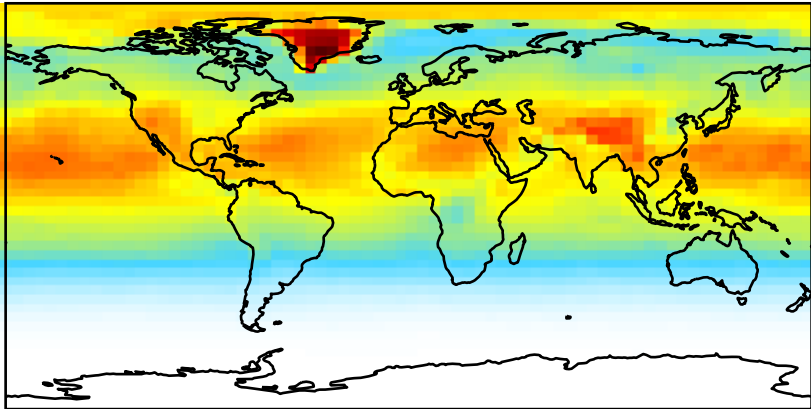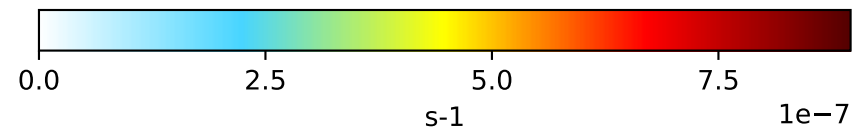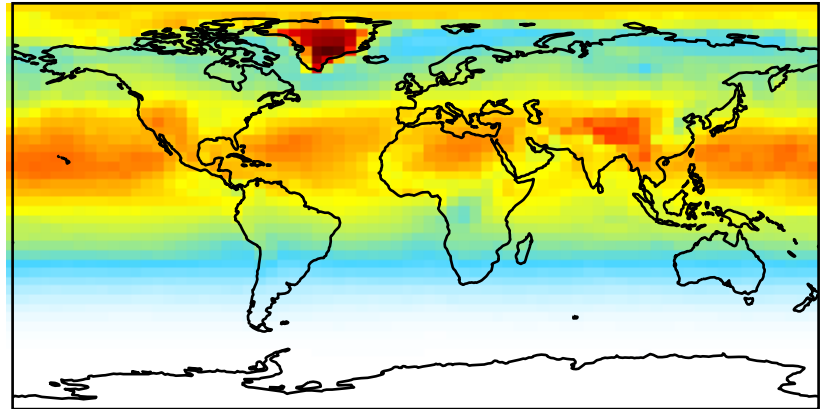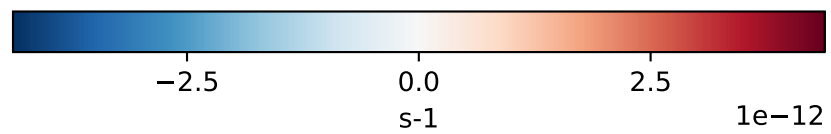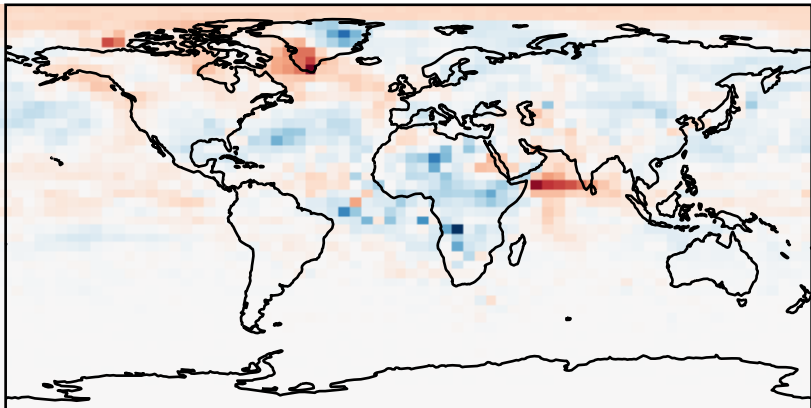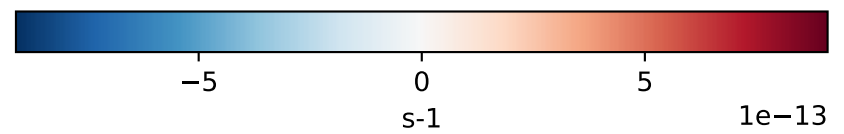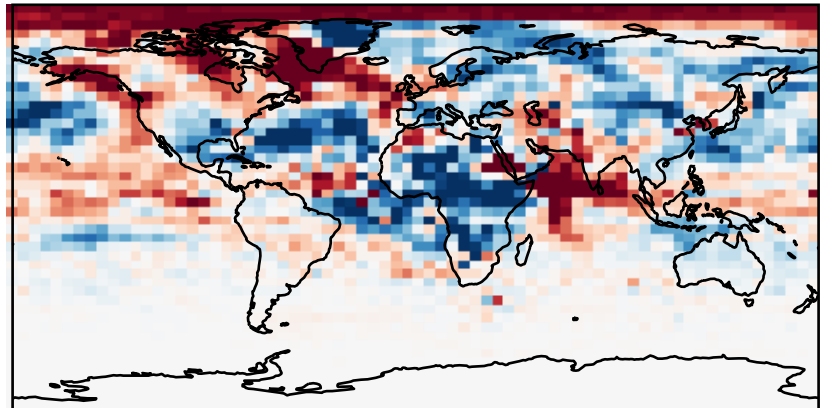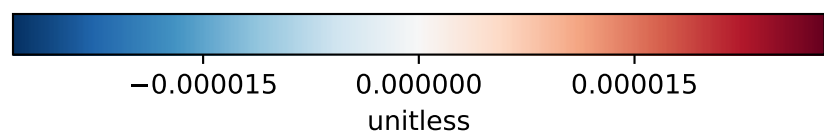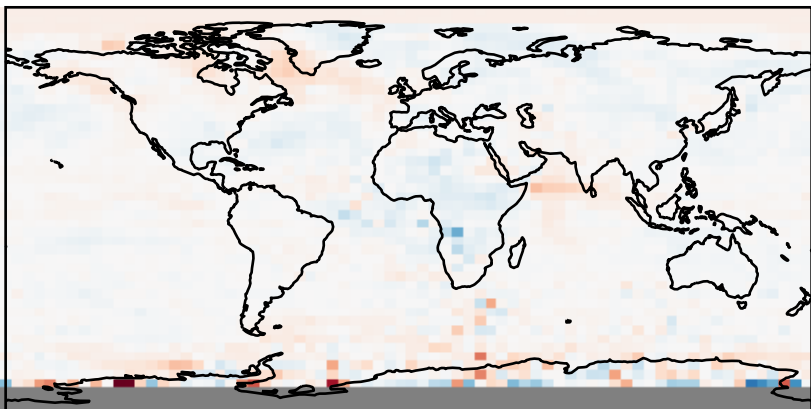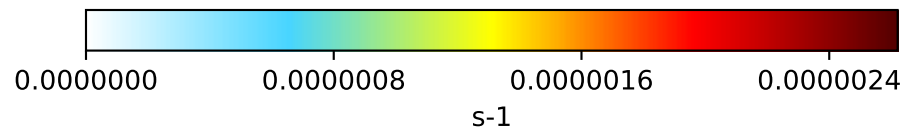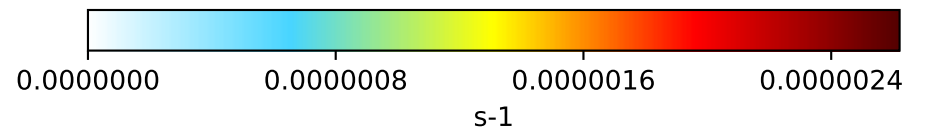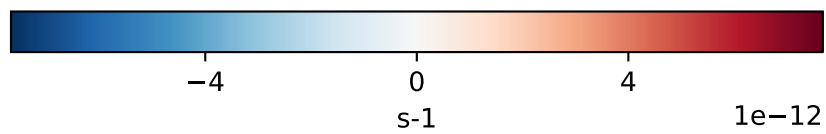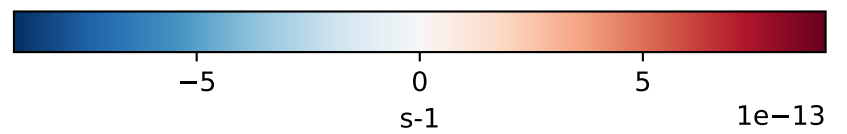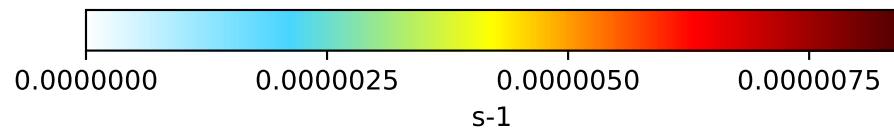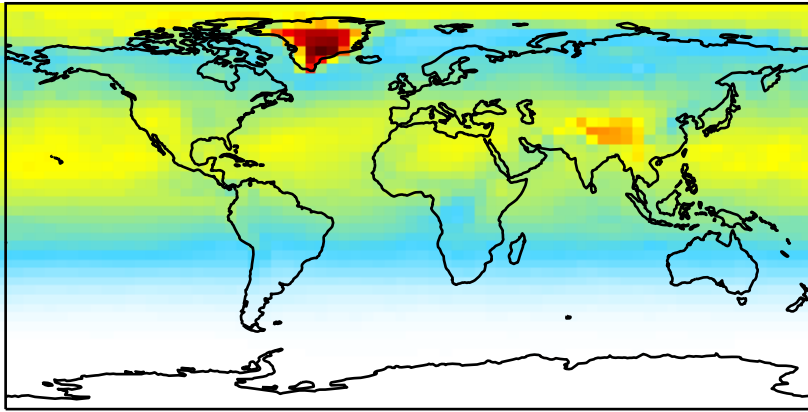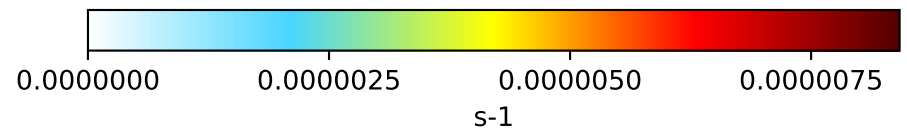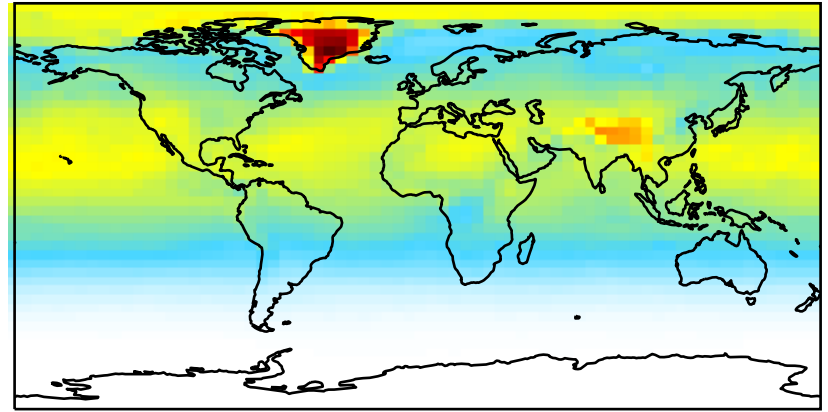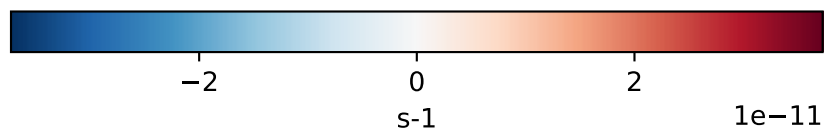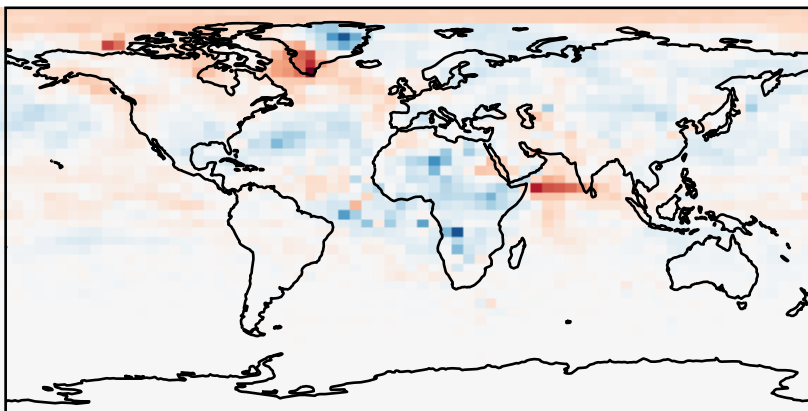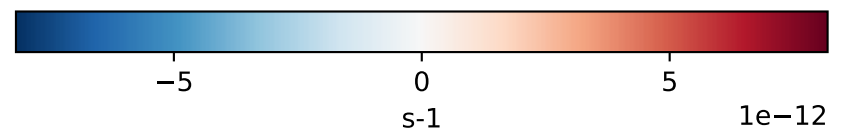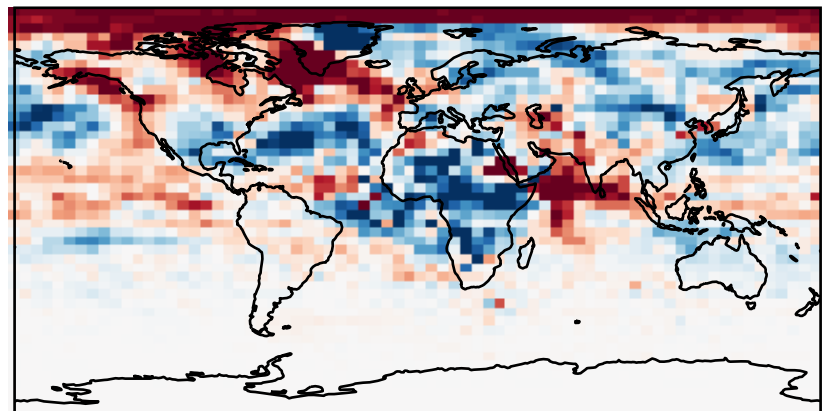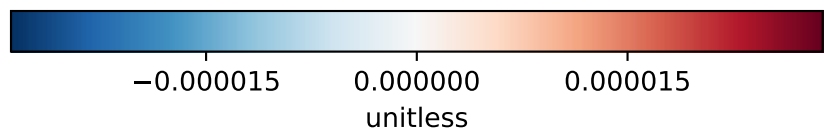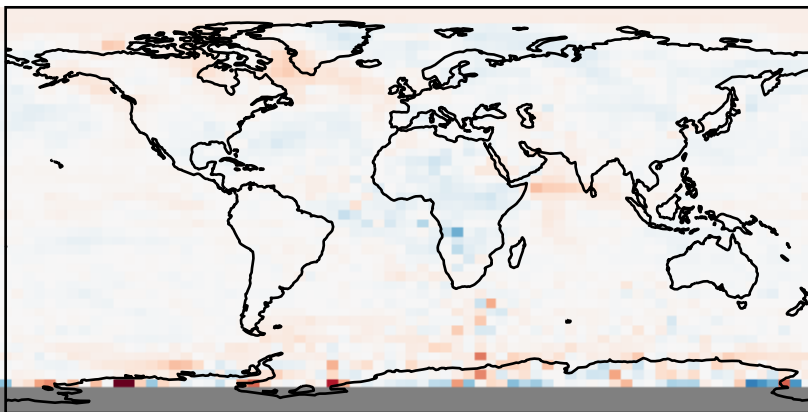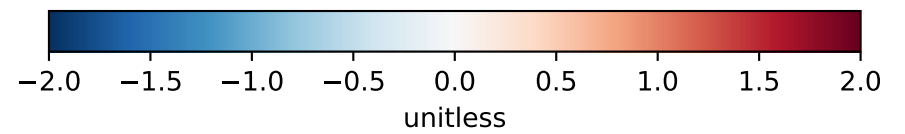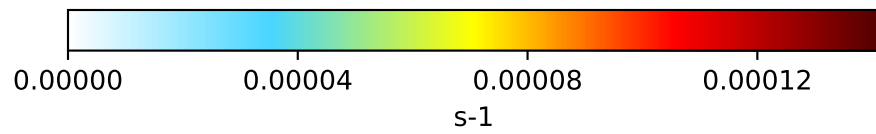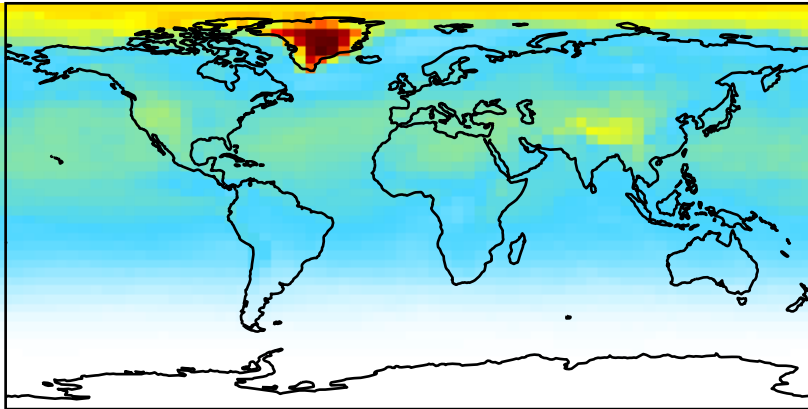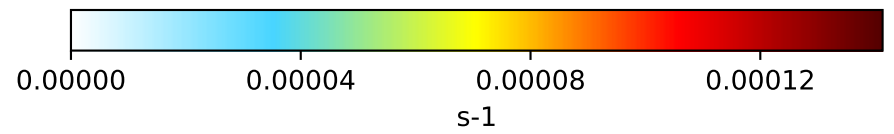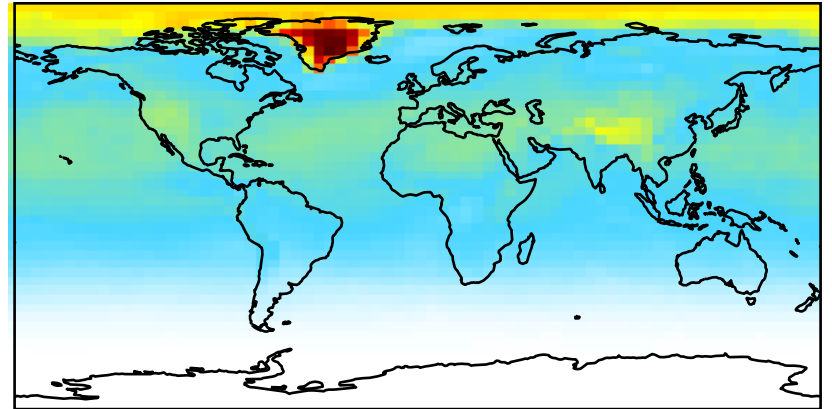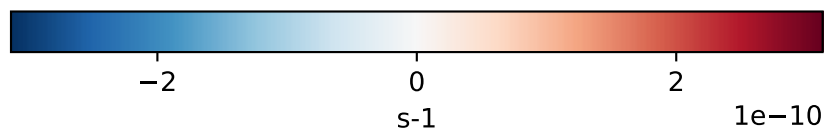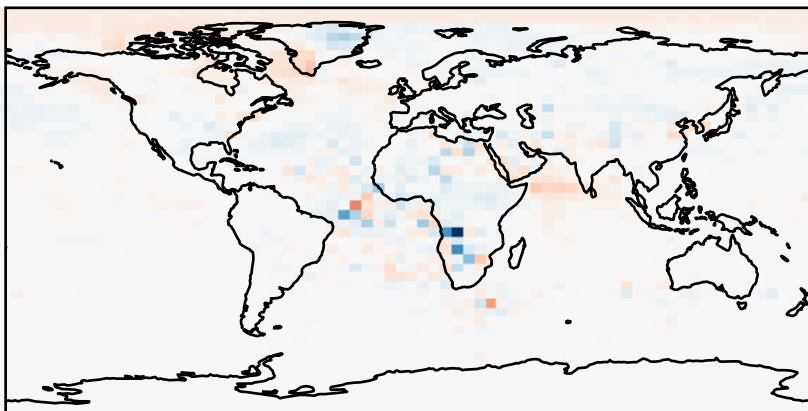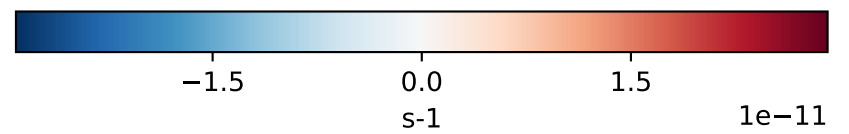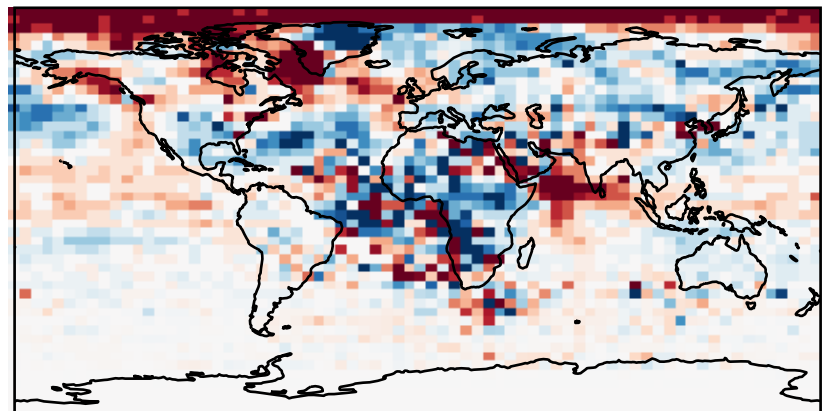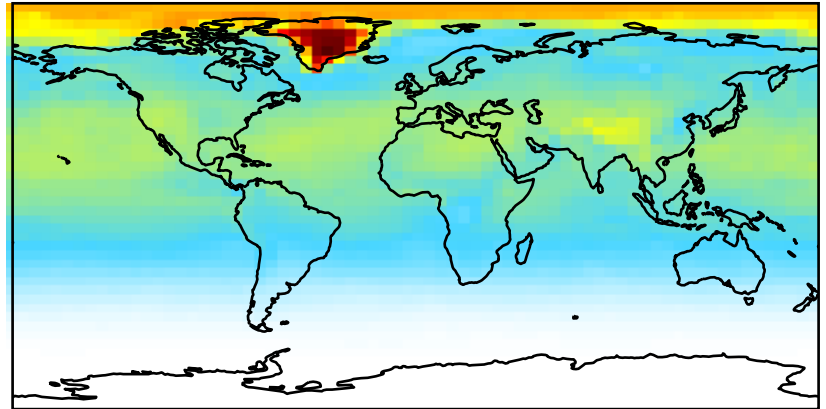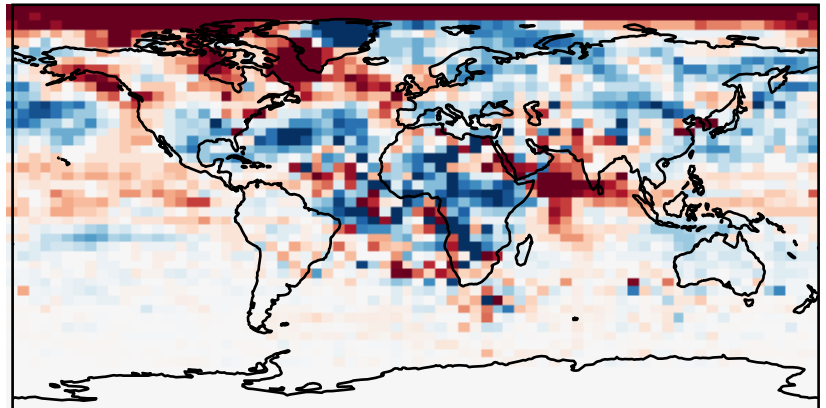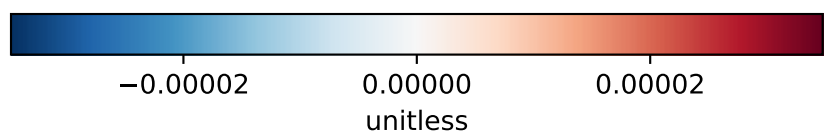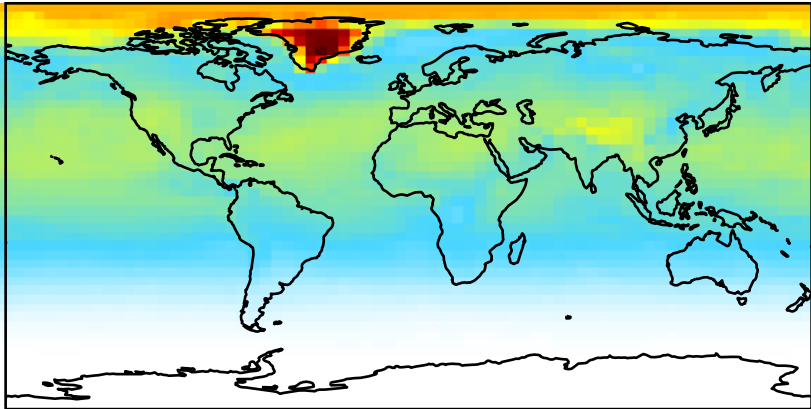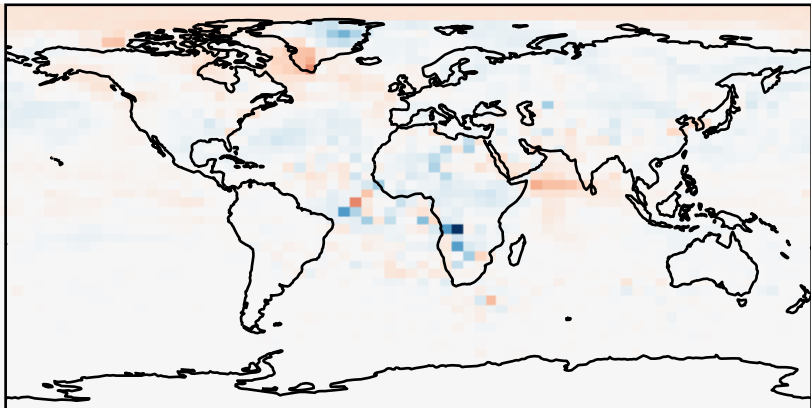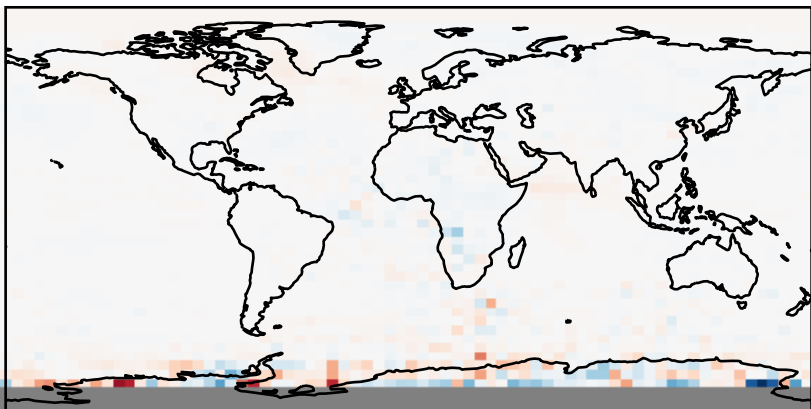(Dev-Ref)/Ref, Fixed Range

Jval_HCFC141b

Jval_HCFC142b

Jval_HCFC22

Jval_HNO2

Jval_HNO3

Jval_HNO4

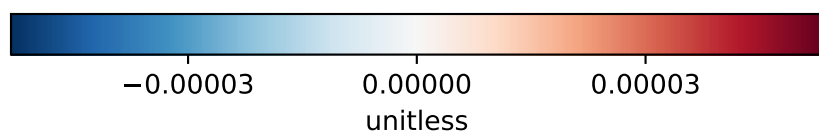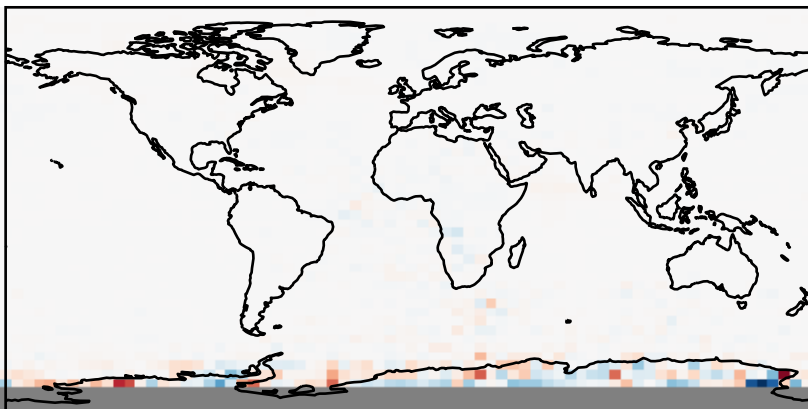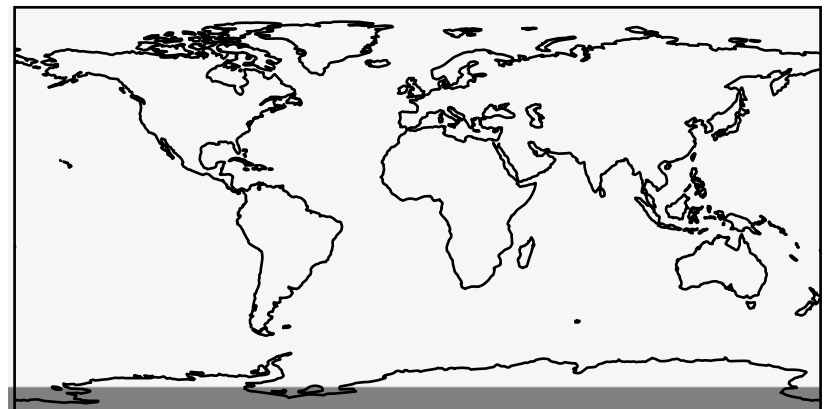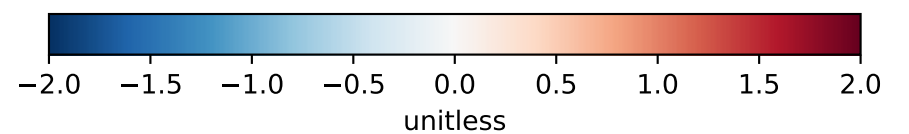| GC_12.7.0-rc.1 (Ref) 4x5	GC_12.7.0-rc.2 (Dev) 4x5

Difference
Dev - Ref, Dynamic Range

Difference
Dev - Ref, Restricted Range [5%,95%]
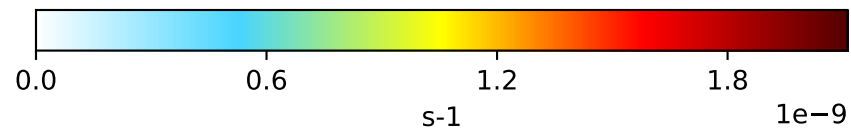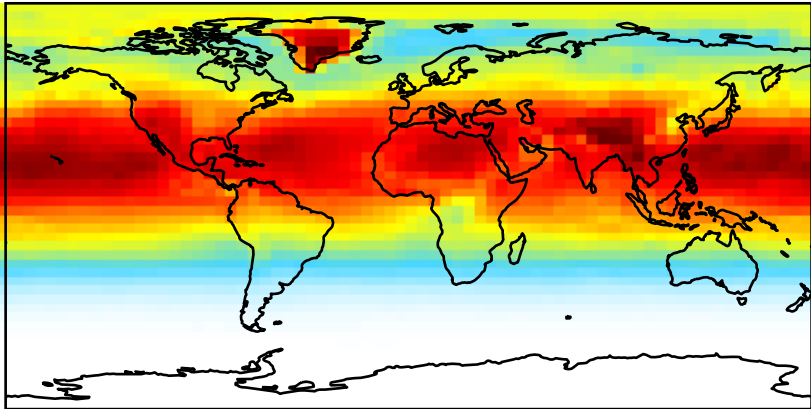
Fractional Difference
(Dev-Ref)/Ref, Dynamic Range

Fractional Difference
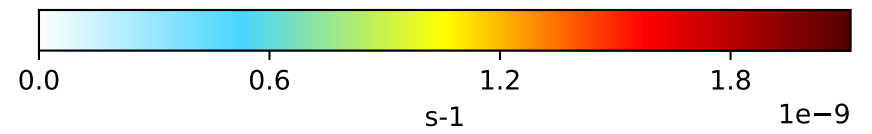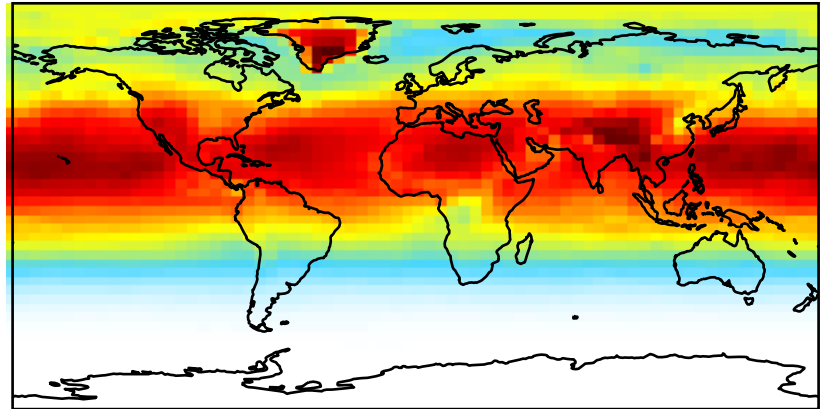(Dev-Ref)/Ref, Fixed Range
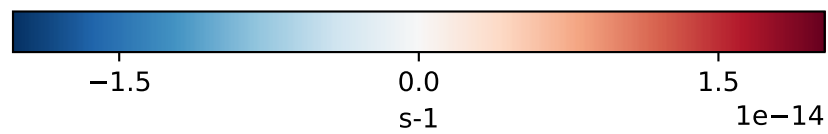
Jval_HOBr
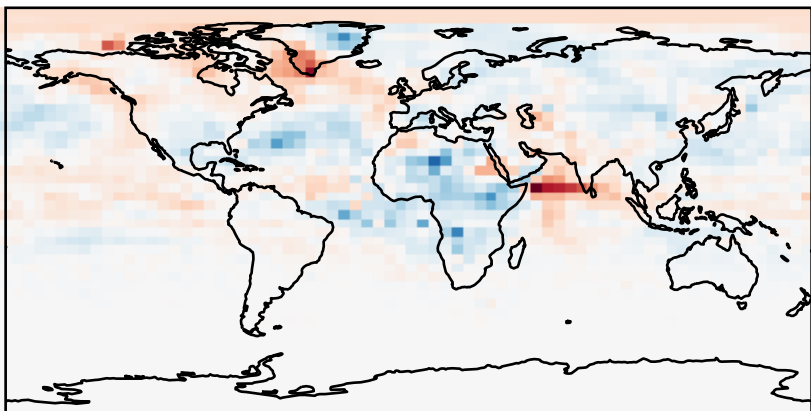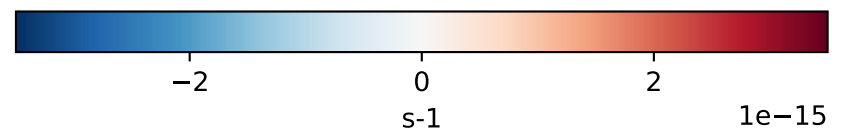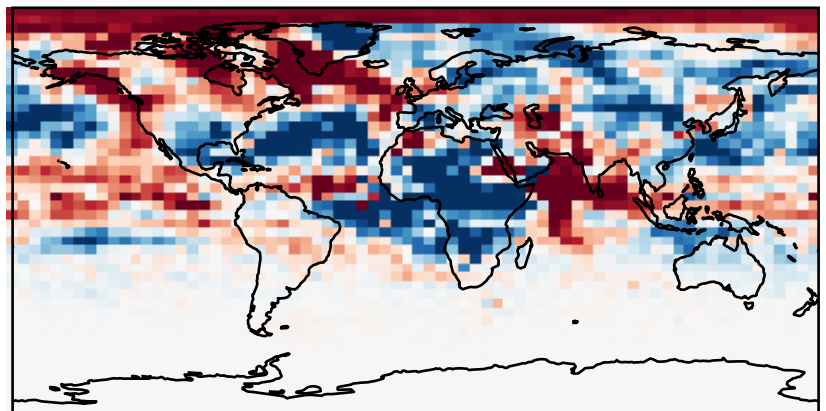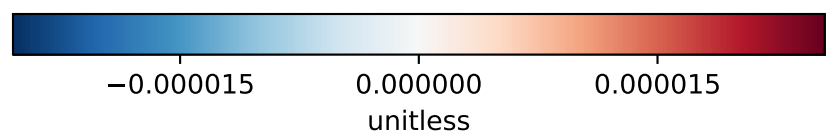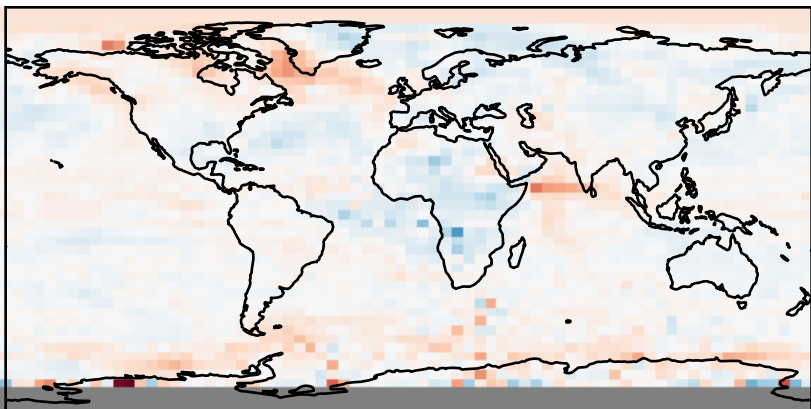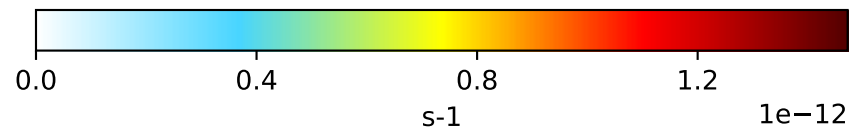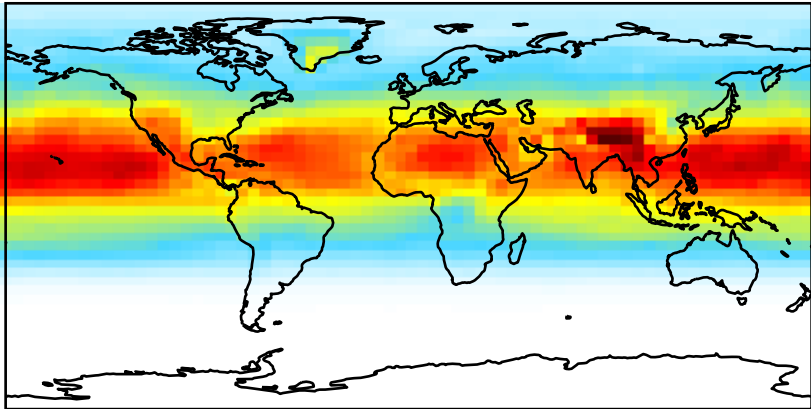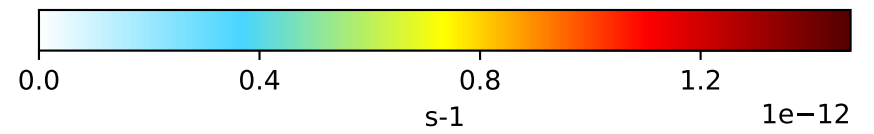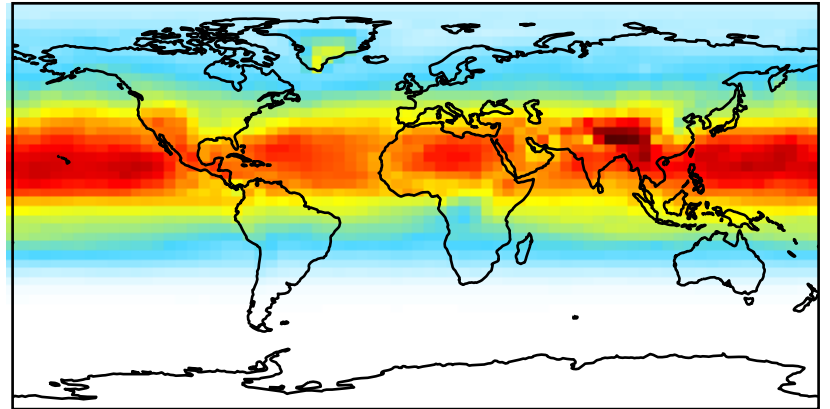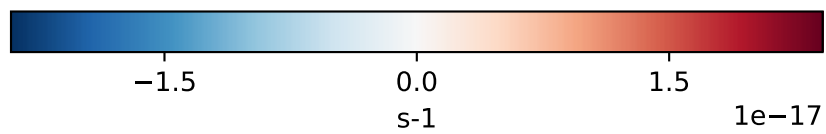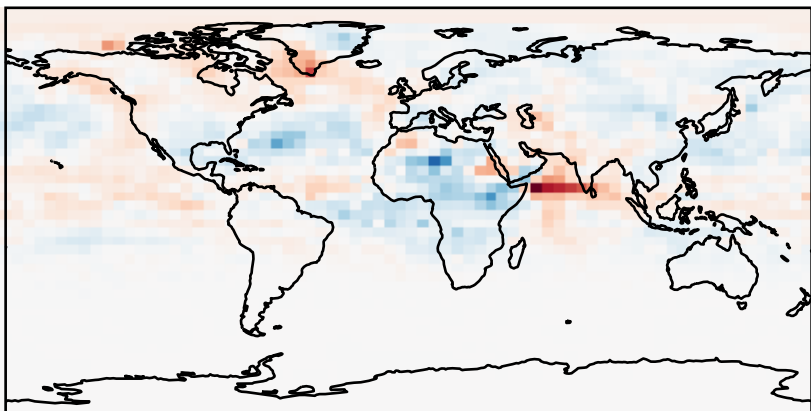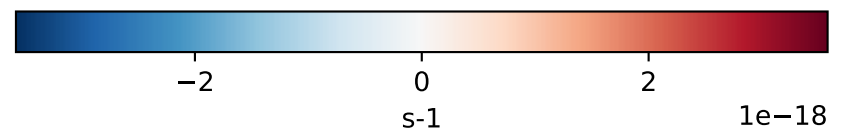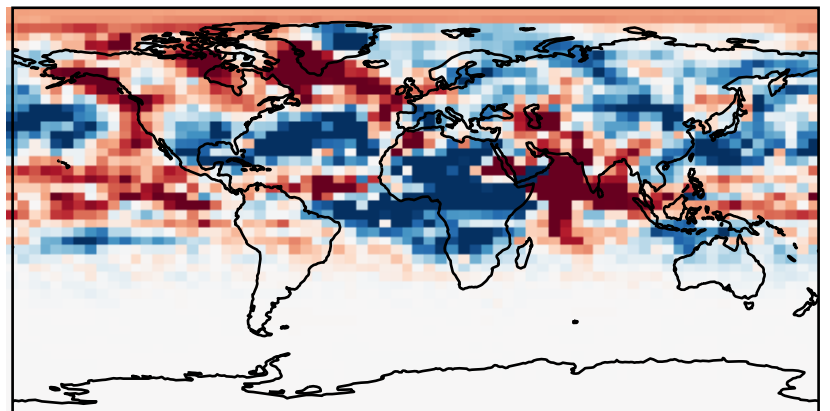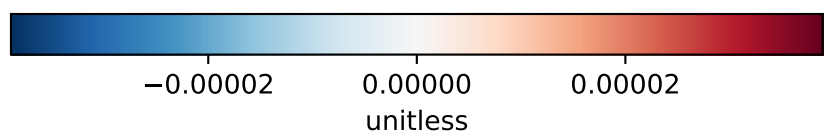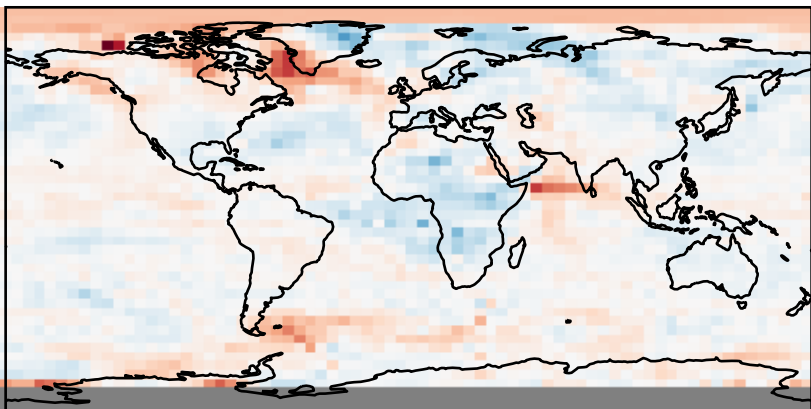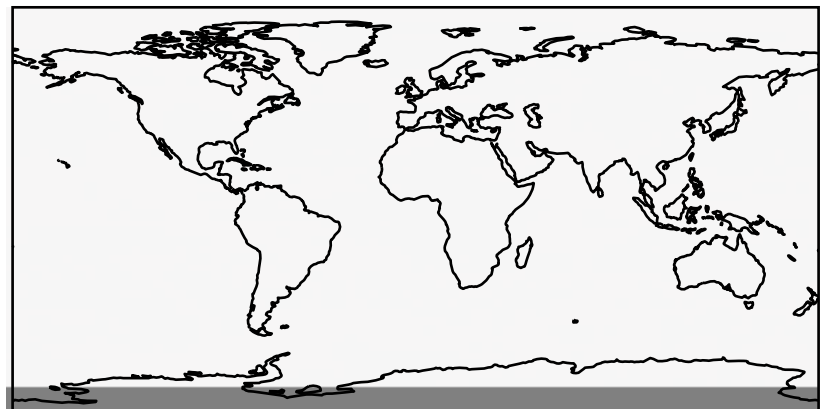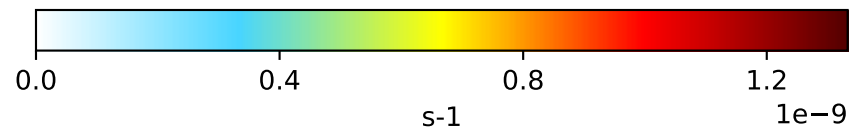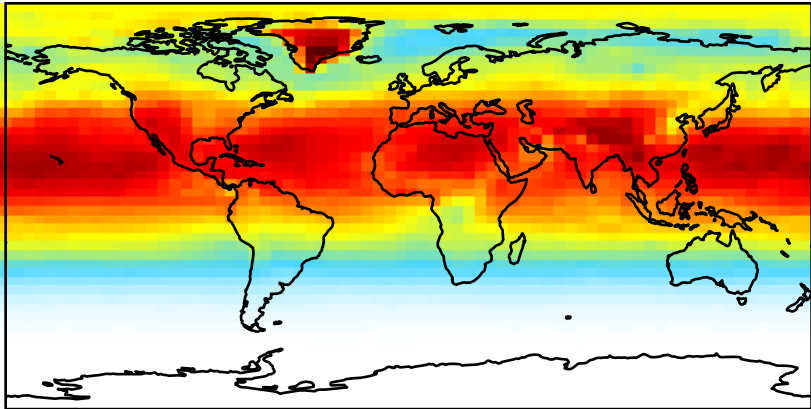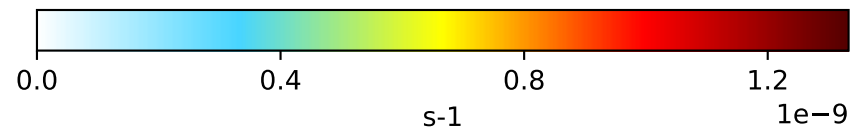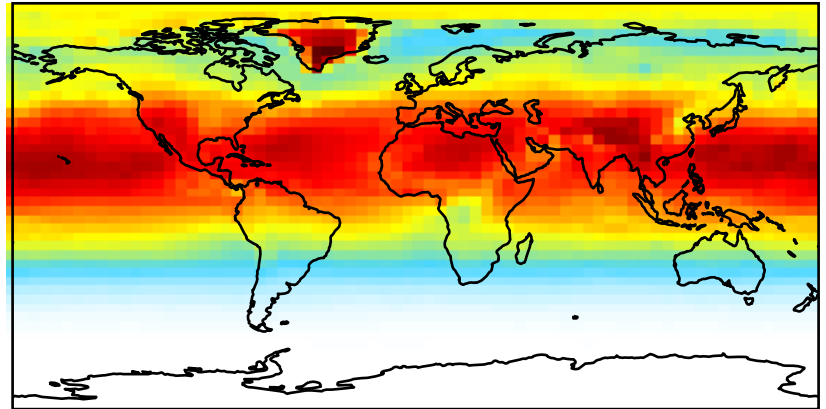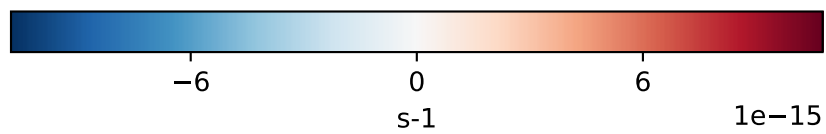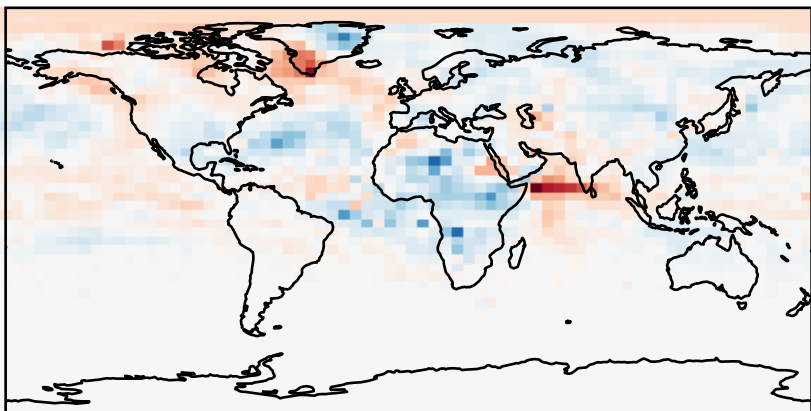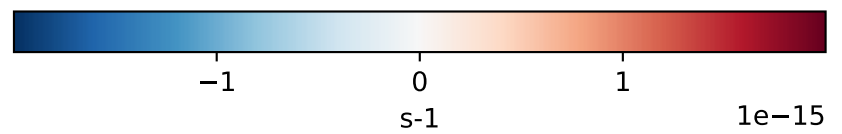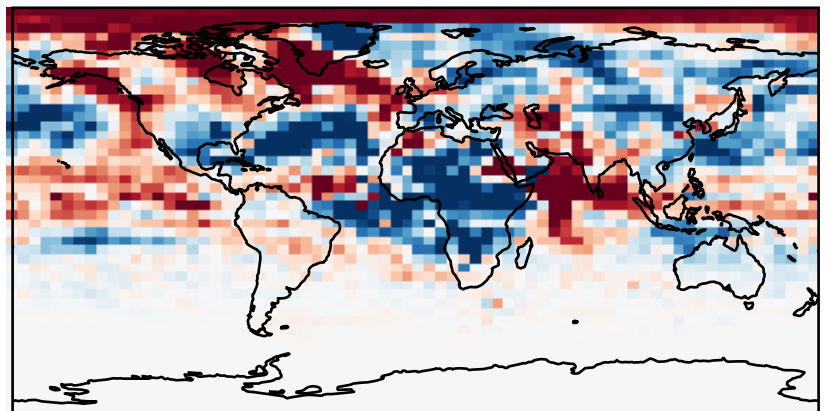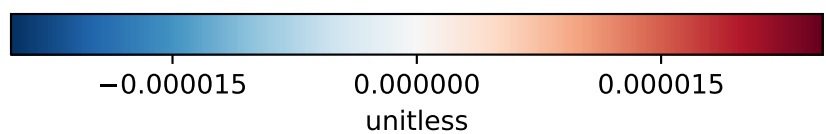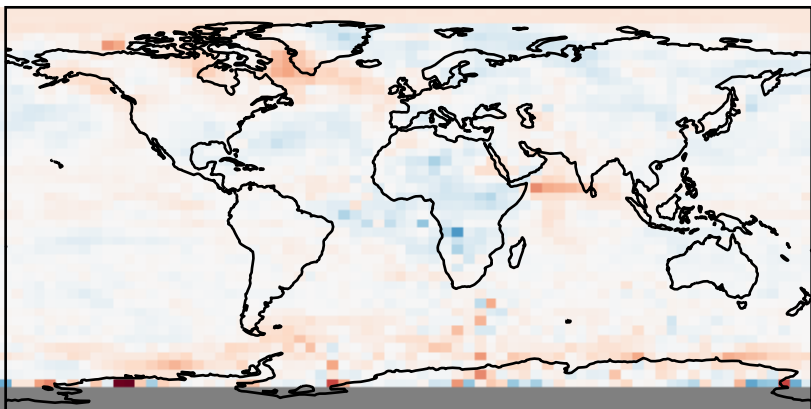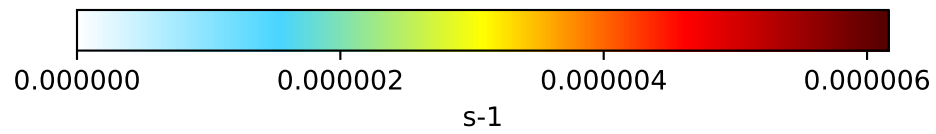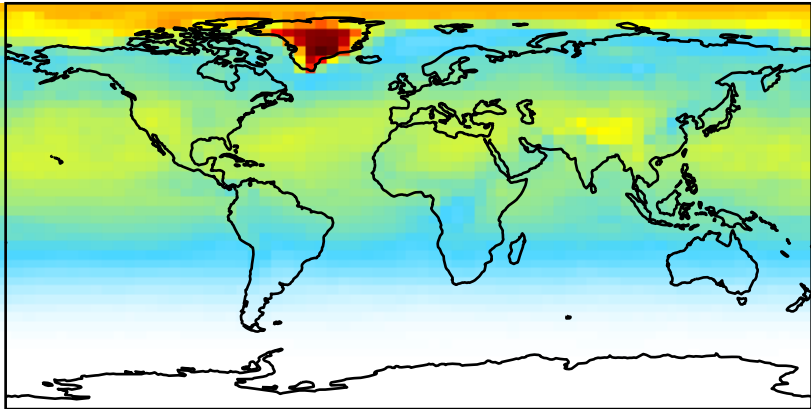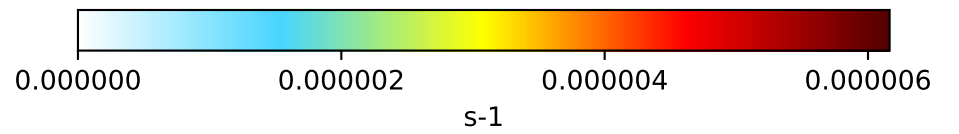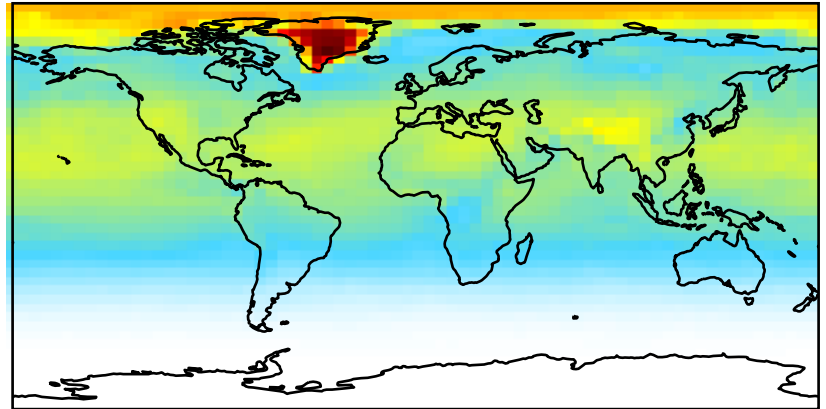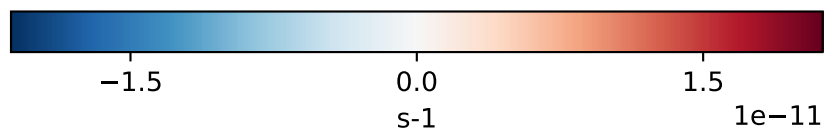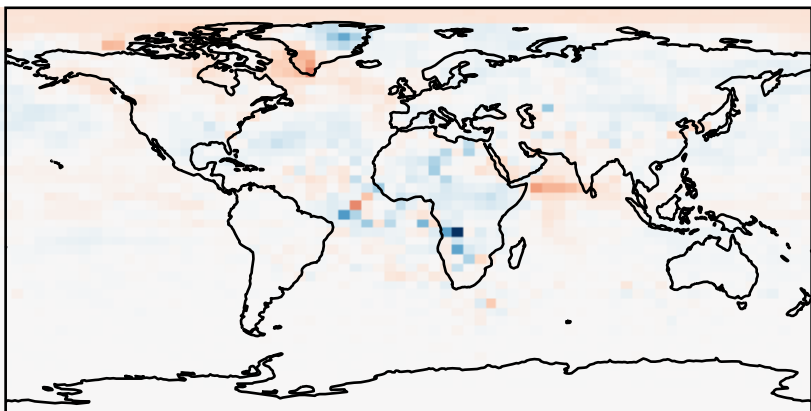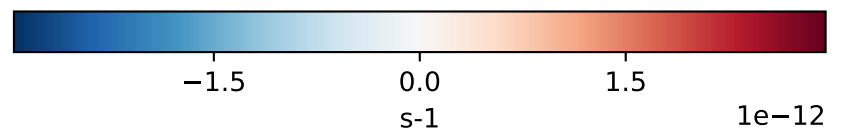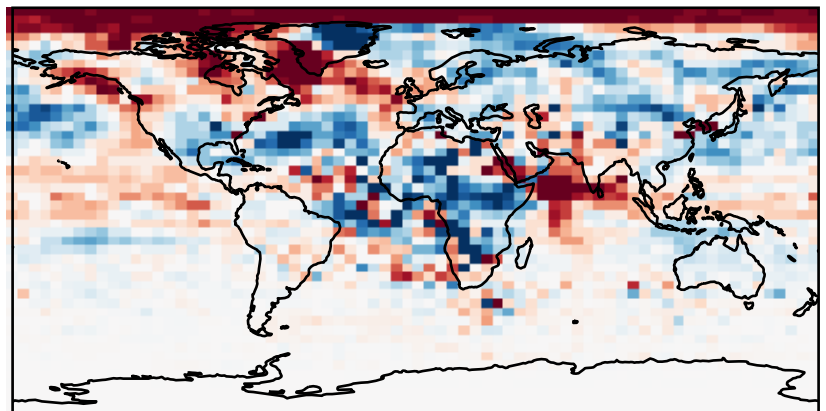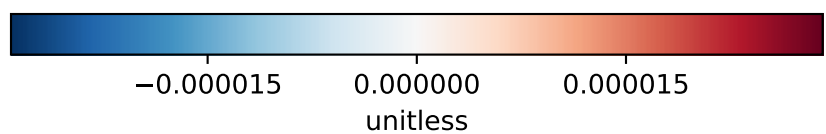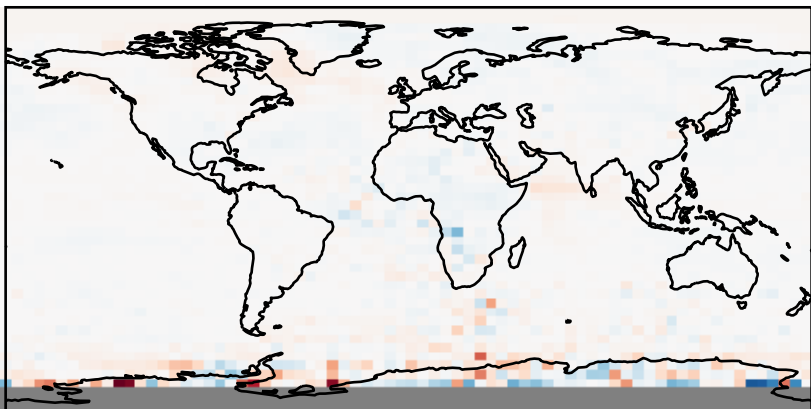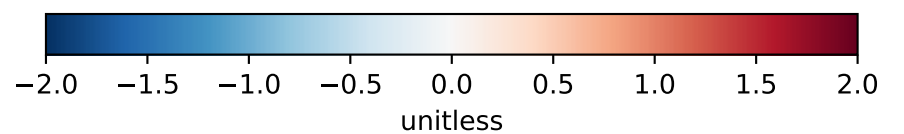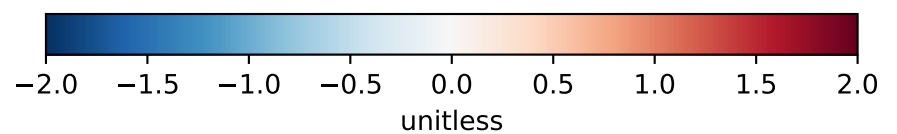
Jval_HOCl

Jval_HOI

Jval_HONIT

Jval_HPALD

Jval_I2

GC_12.7.0-rc.1 (Ref)
4x5

GC_12.7.0-rc.2 (Dev)
4x5

s-1

s-1

Difference
Dev - Ref, Dynamic Range

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

s-1

s-1

Fractional Difference
(Dev-Ref)/Ref, Dynamic Range

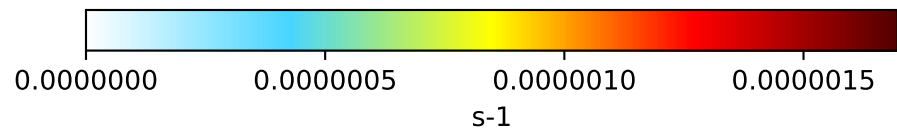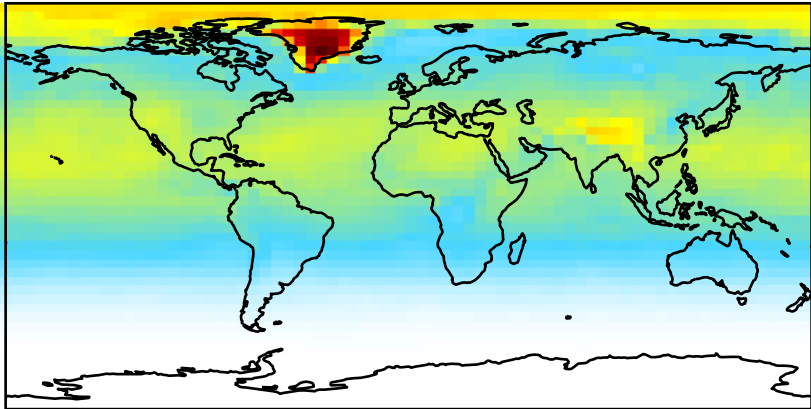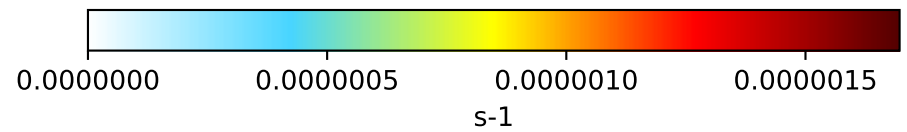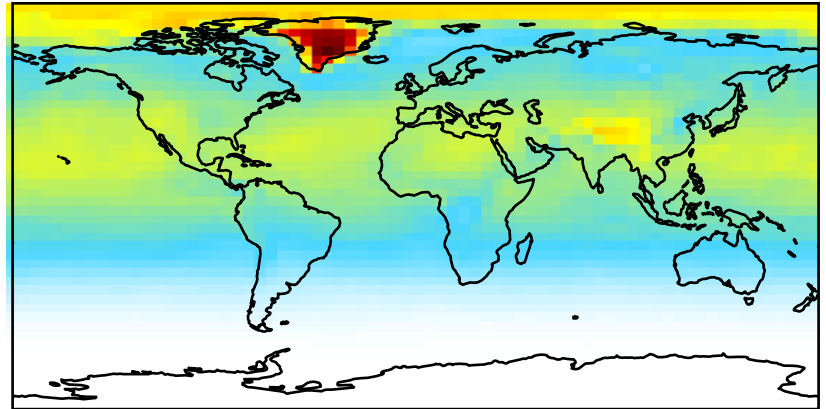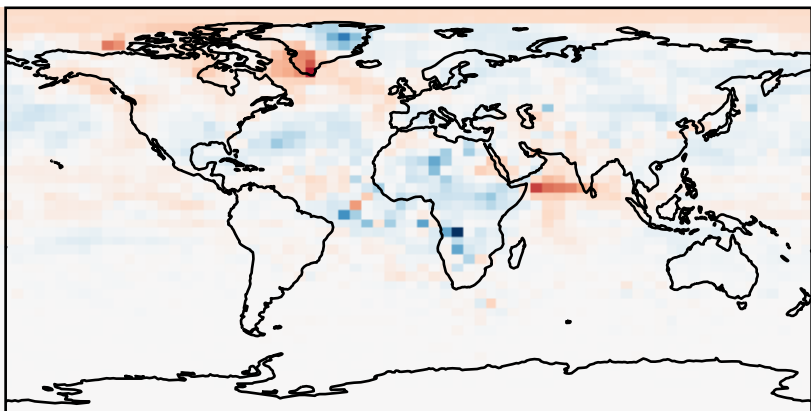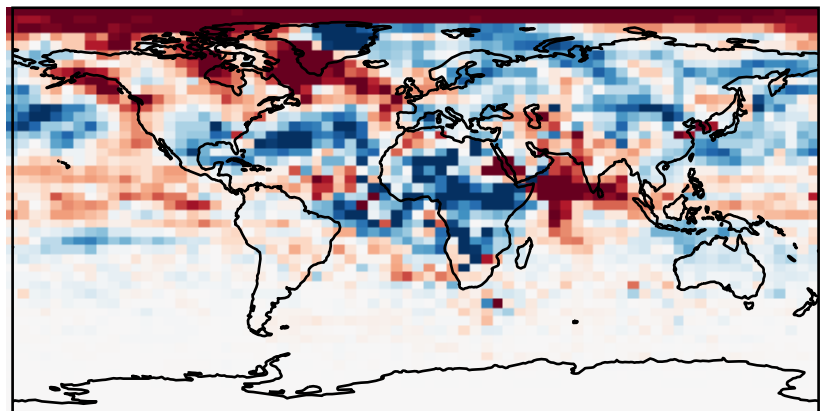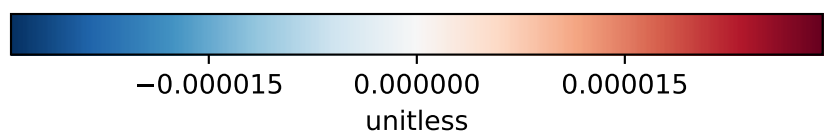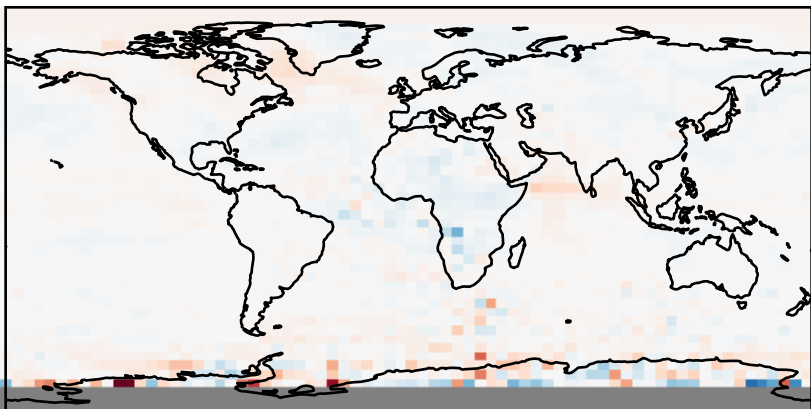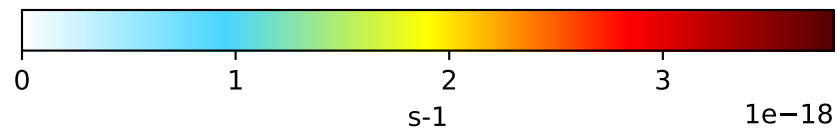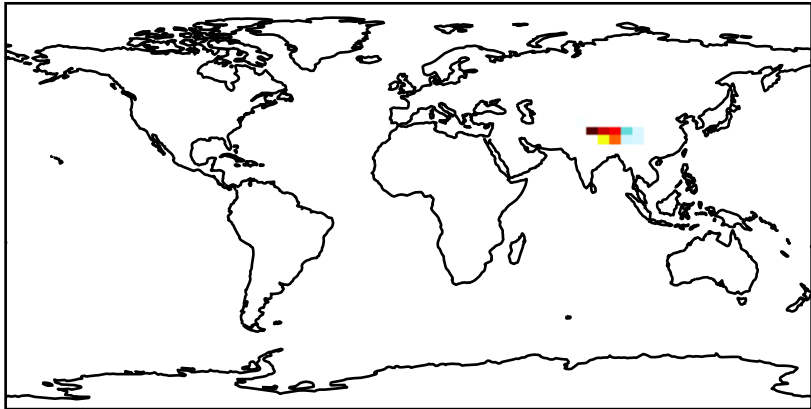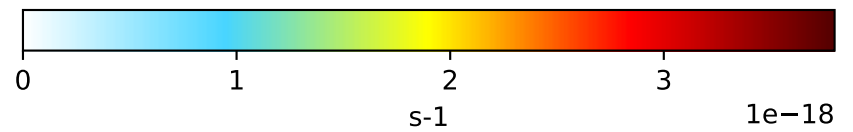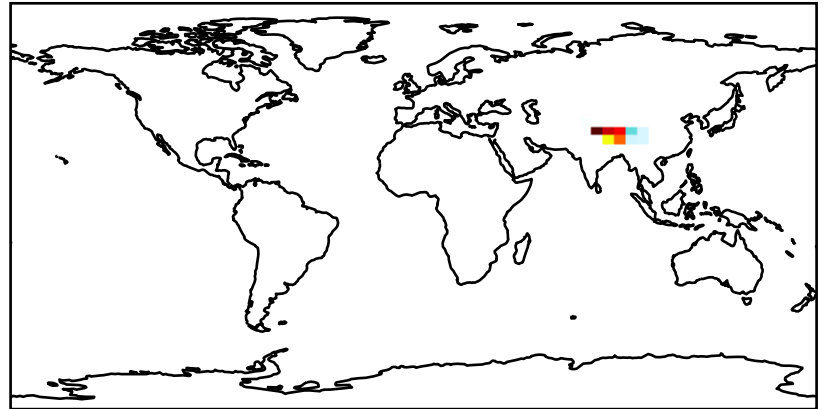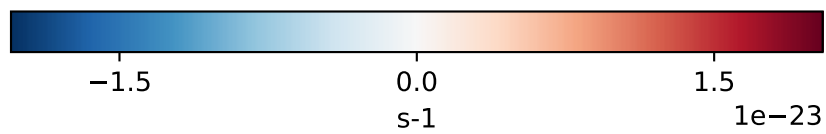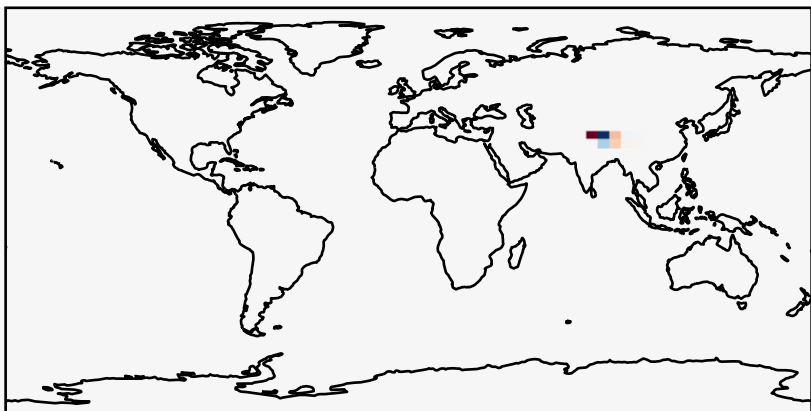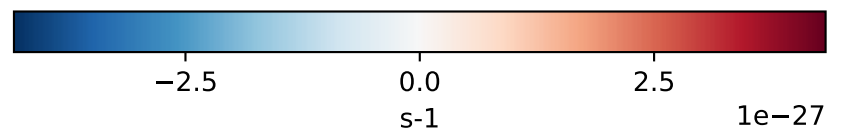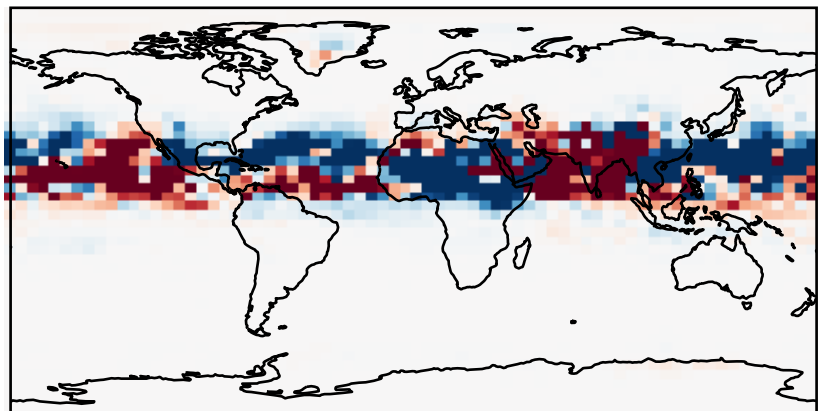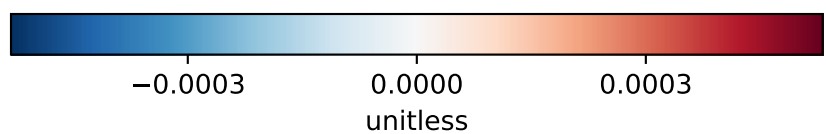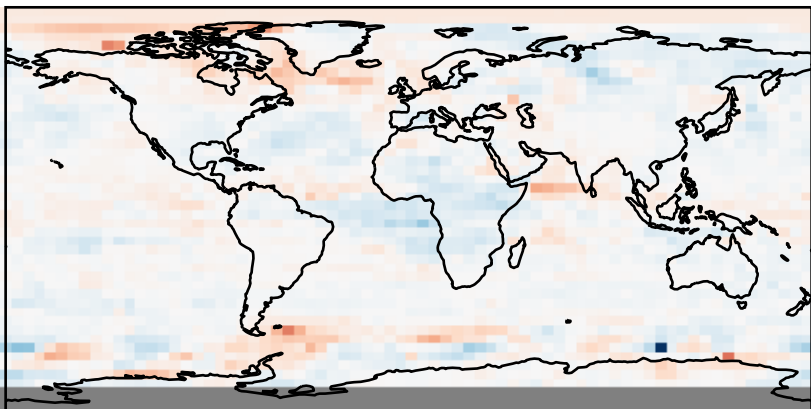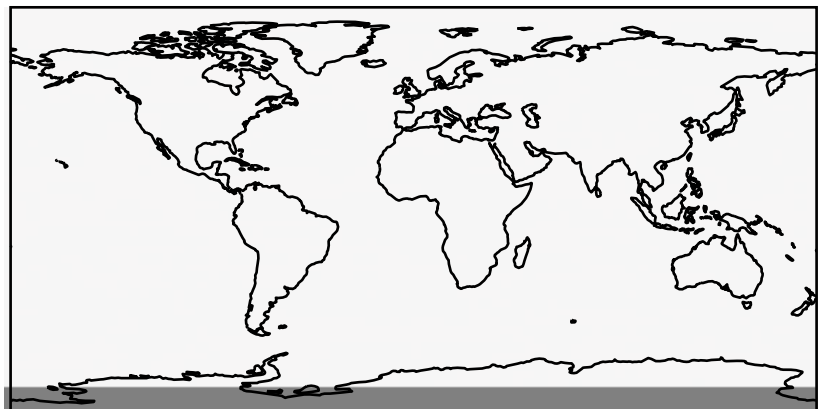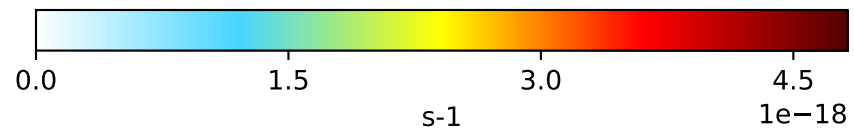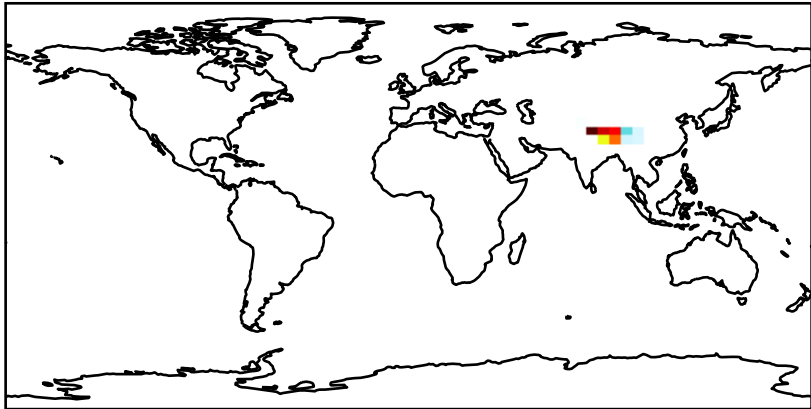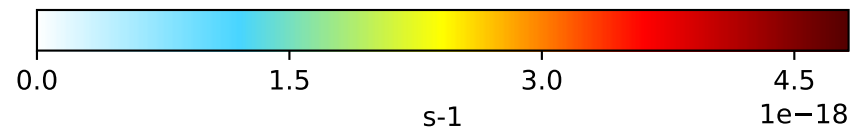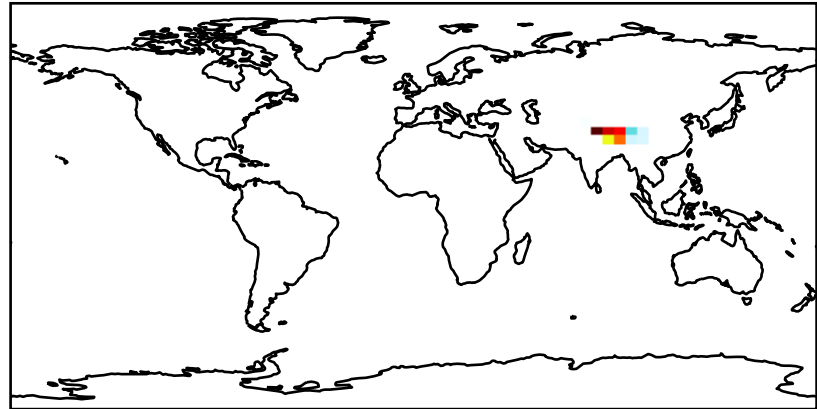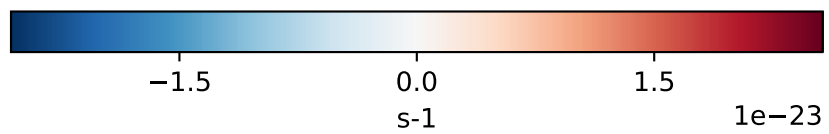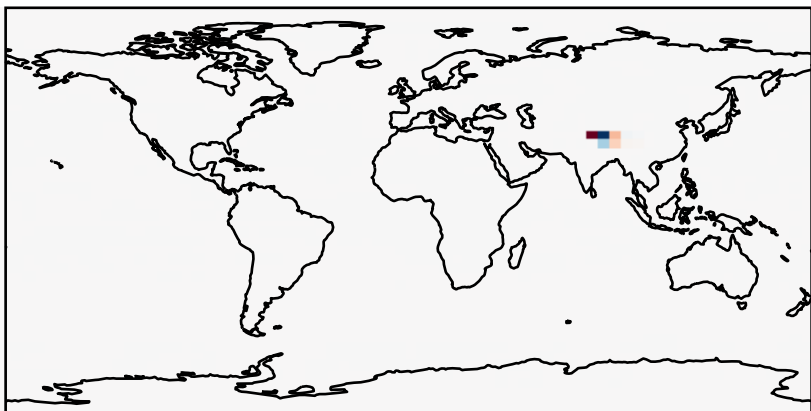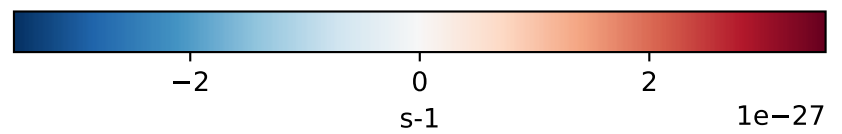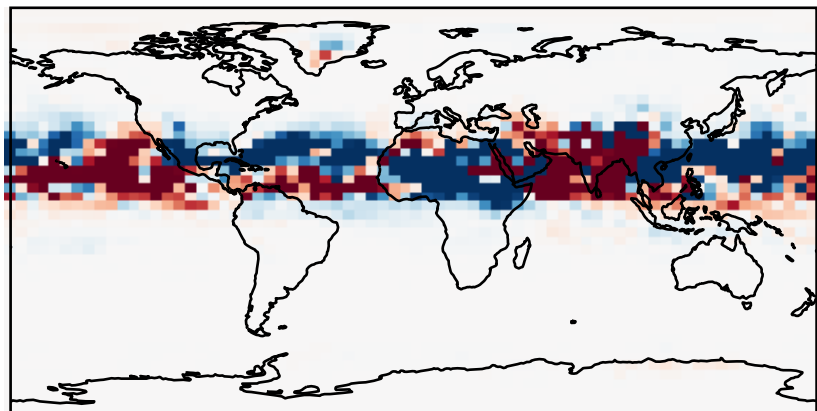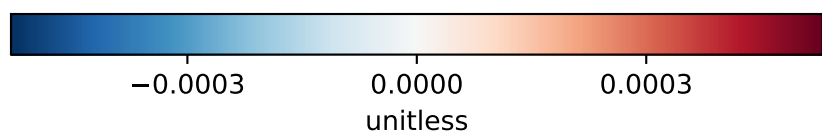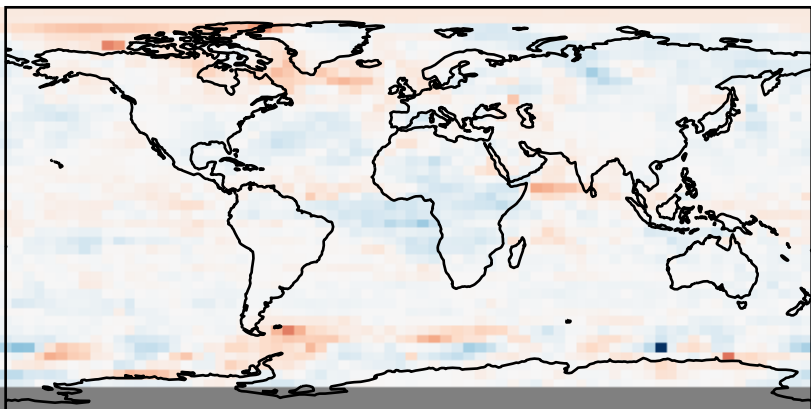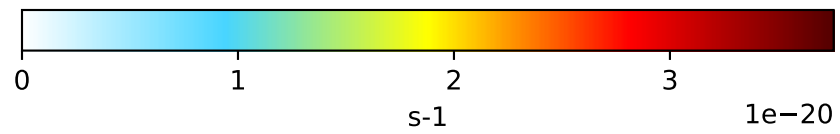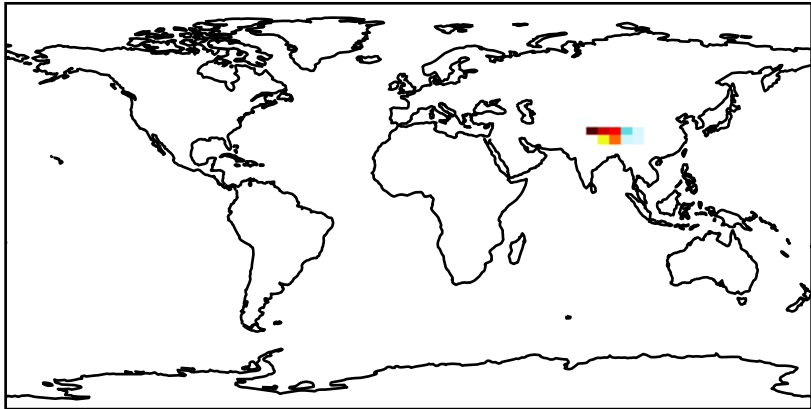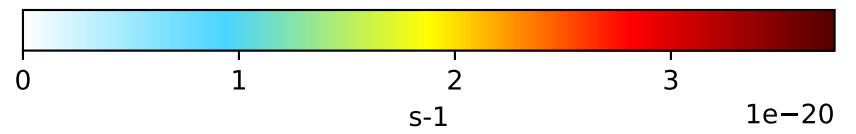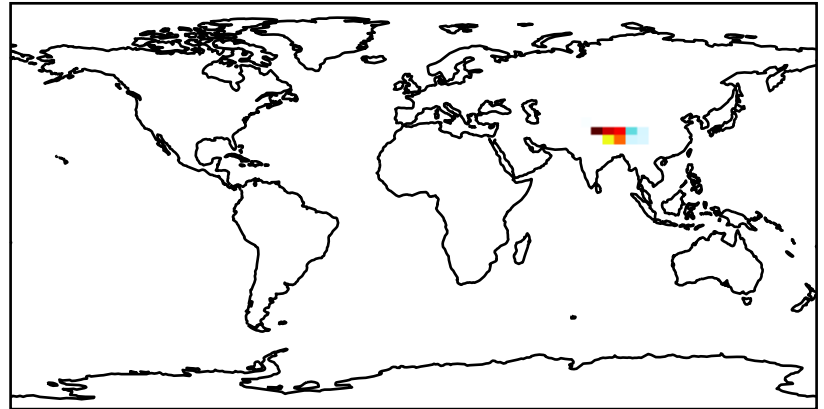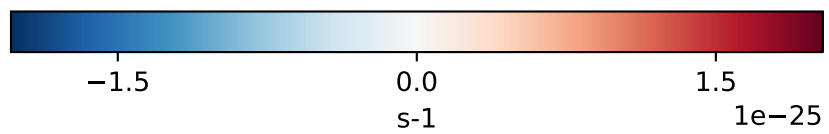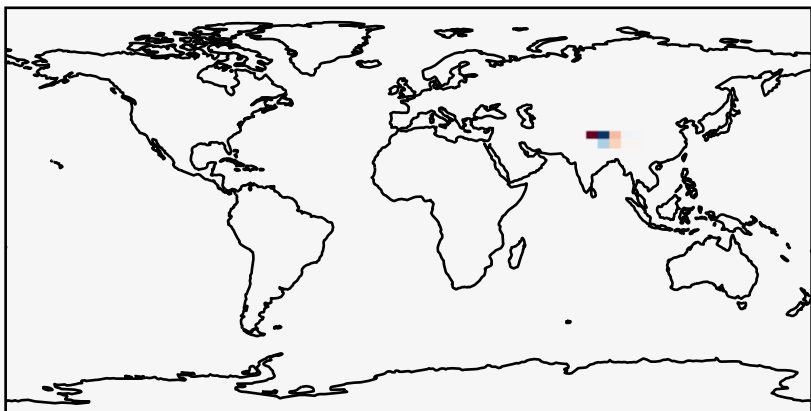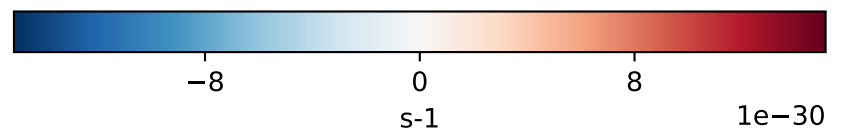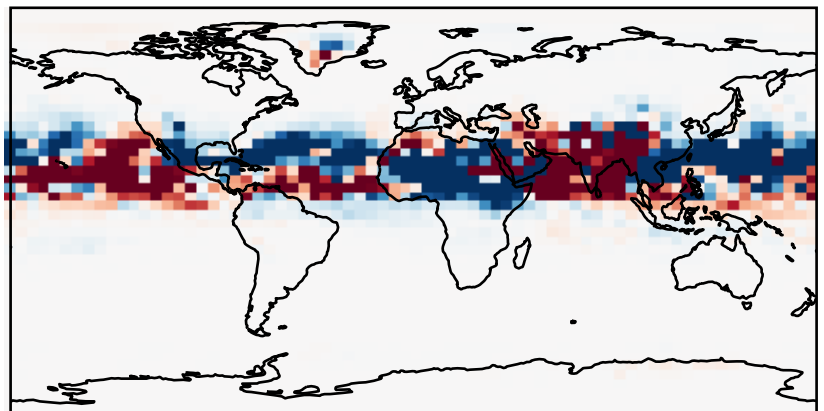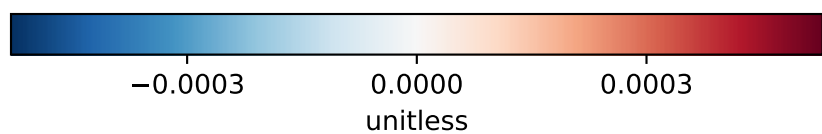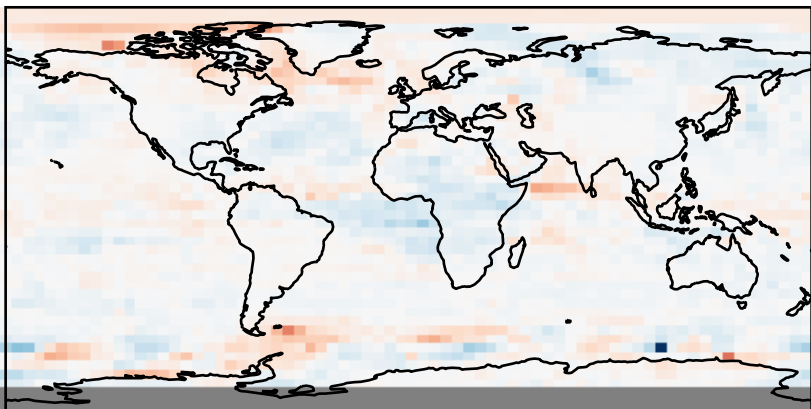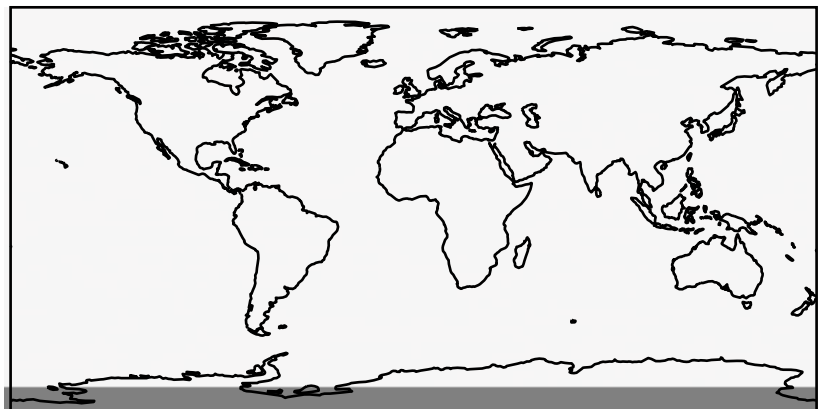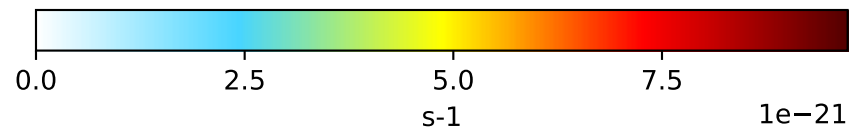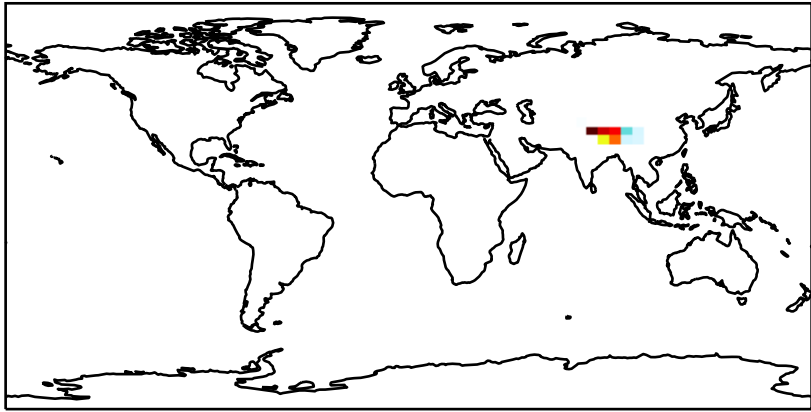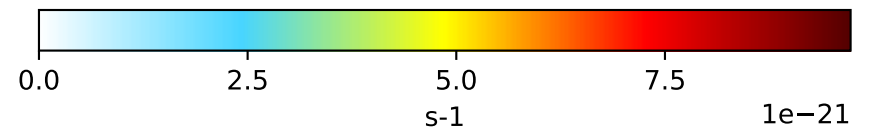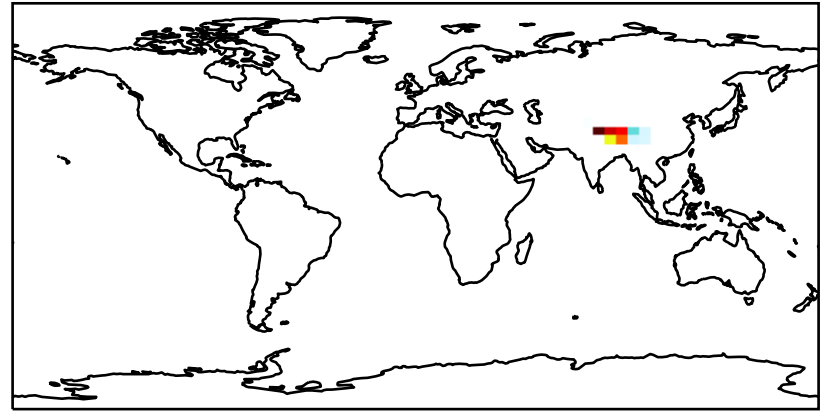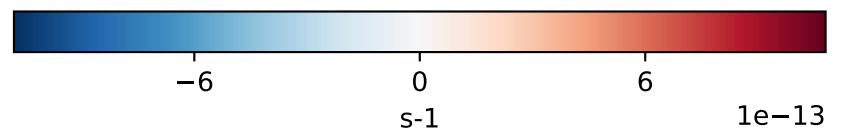Fractional Difference
(Dev-Ref)/Ref, Fixed Range

unitless

unitless

Jval_I2O2

Jval_I2O3

Jval_I2O4

Jval_IAP

Jval_IBr

Jval_ICl

Jval_INO

Jval_INPN

Jval_IO

Jval_IONO

Jval_IONO2

Jval_IPMN

Jval_IPRNO3

Jval_ISN1

Jval_ISNP

Jval_ISOPNB

Jval_ISOPND

Jval_MACR

Jval_MACRN

Jval_MAOP

Jval_MAP

Jval_MEK

Jval_MENO3

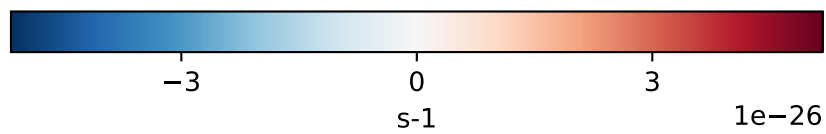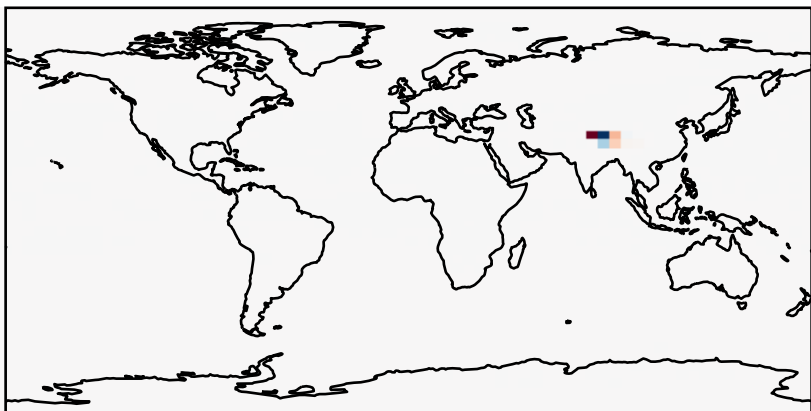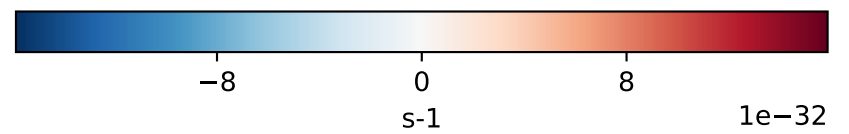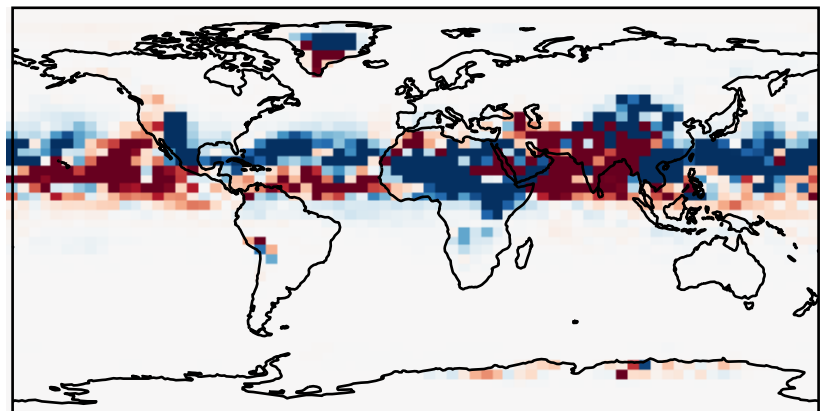# Jval_MGLY

Jval_MONITS

Jval_MONITU
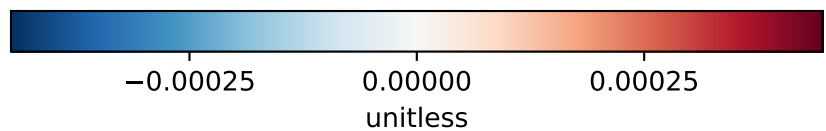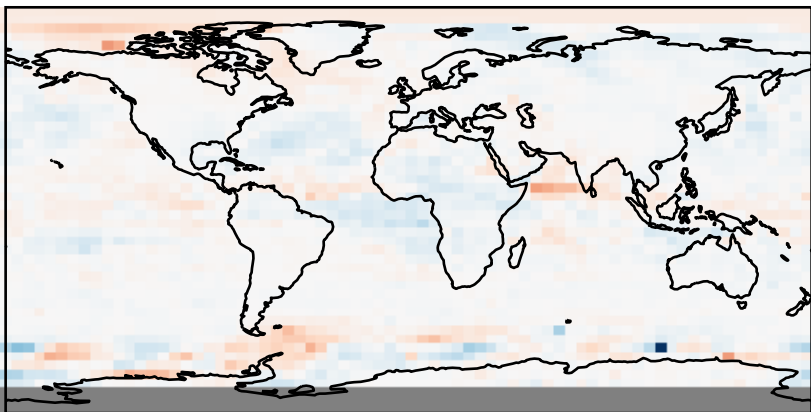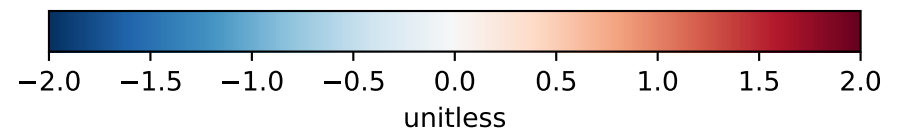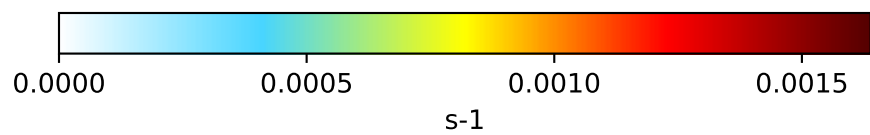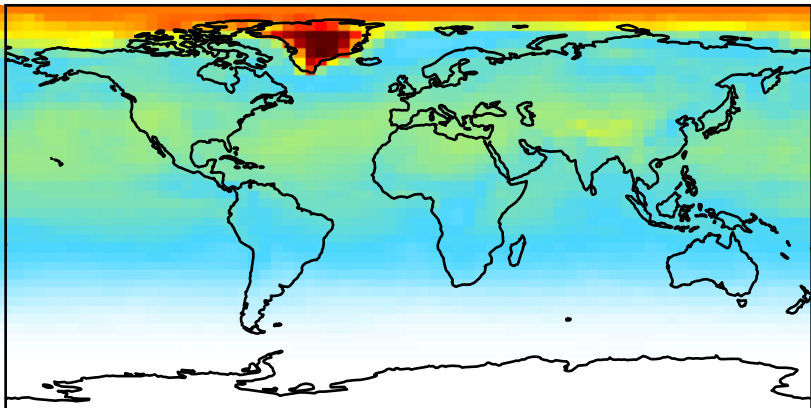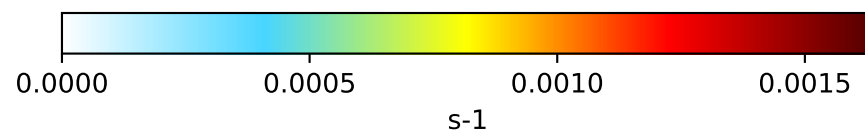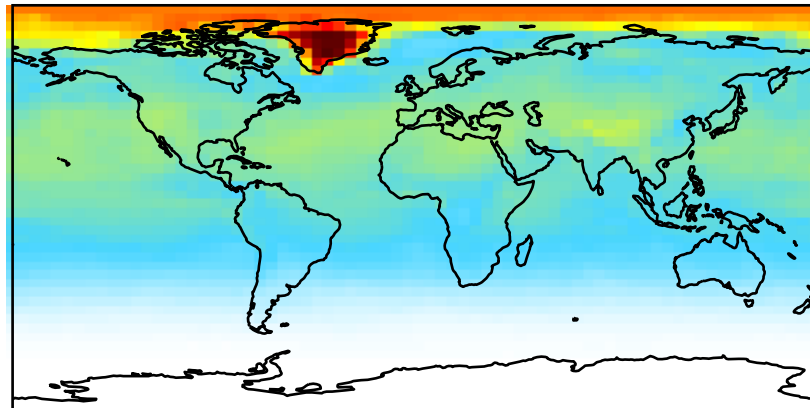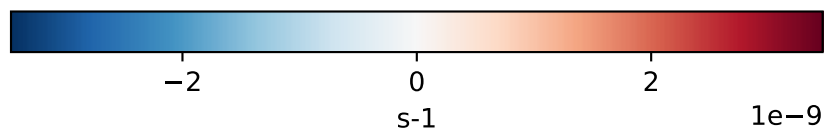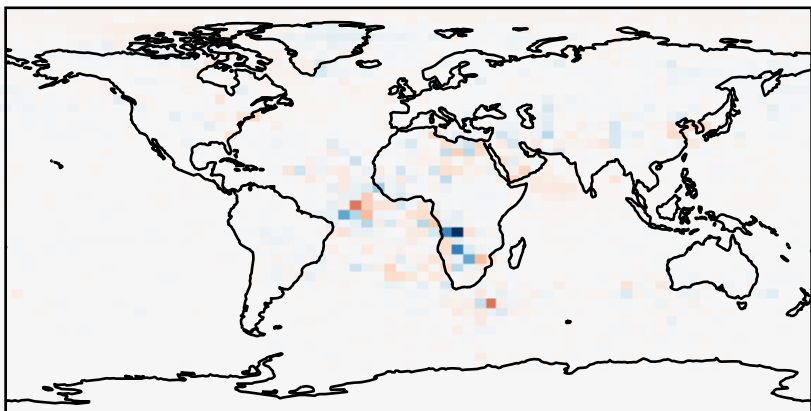
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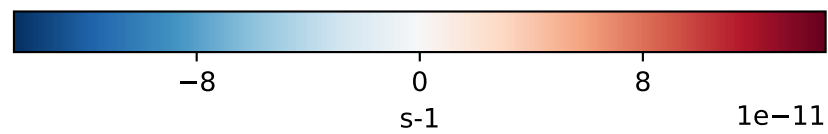
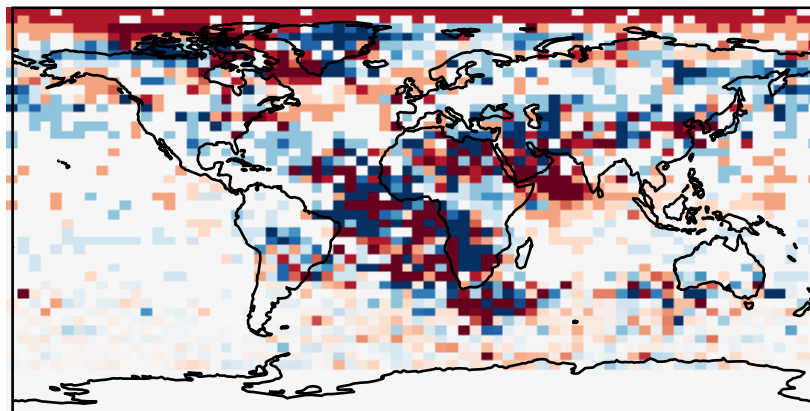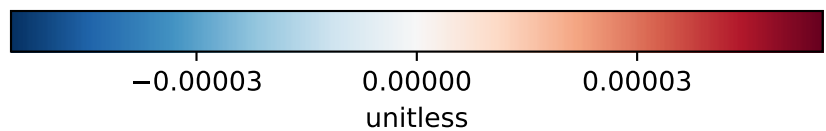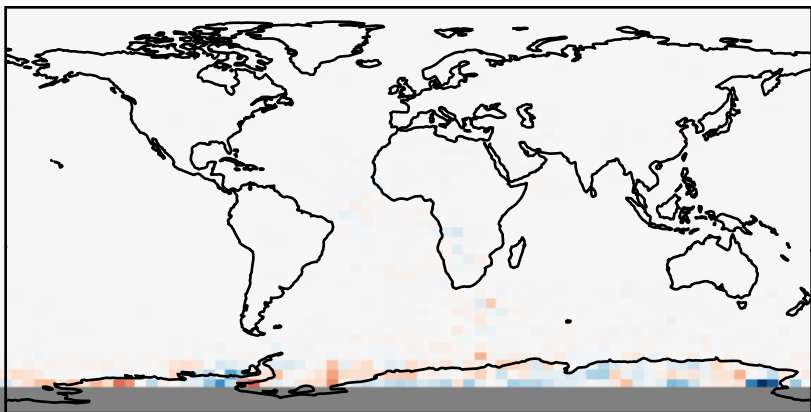# Jval_MPN

Jval_MRP

GC_12.7.0-rc.1 (Ref)
4x5

GC_12.7.0-rc.2 (Dev)
4x5

s-1

s-1

Difference
Dev - Ref, Dynamic Range

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

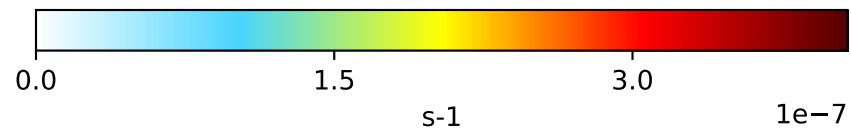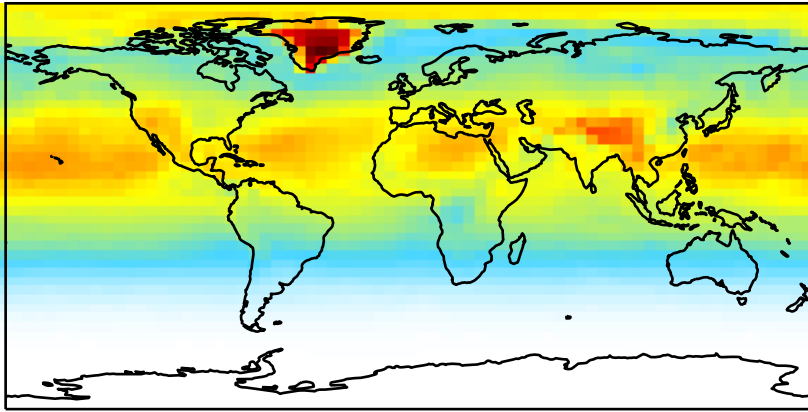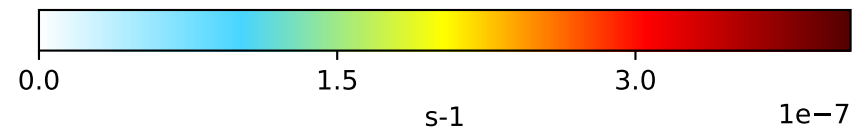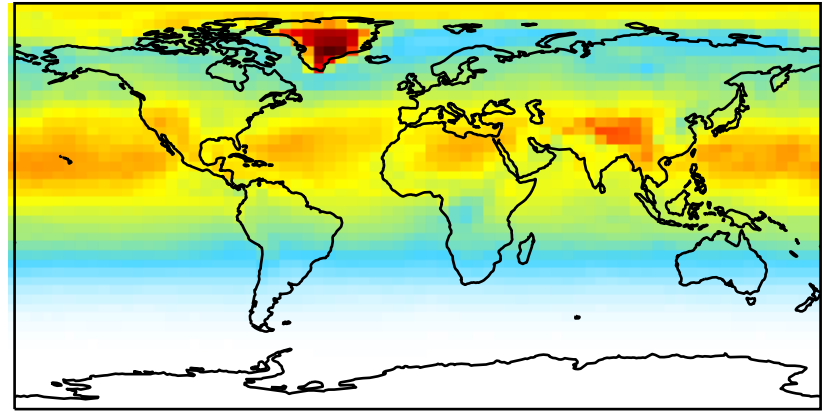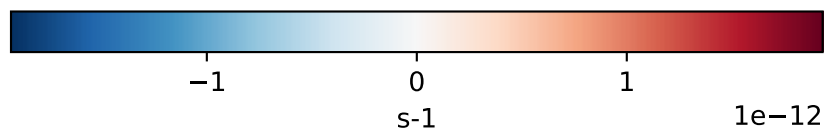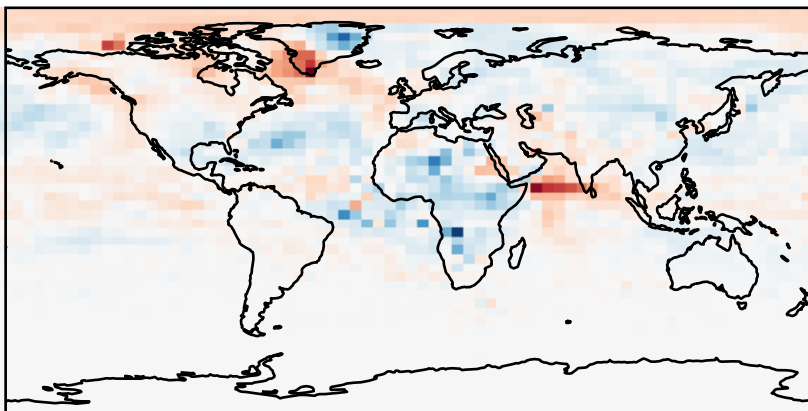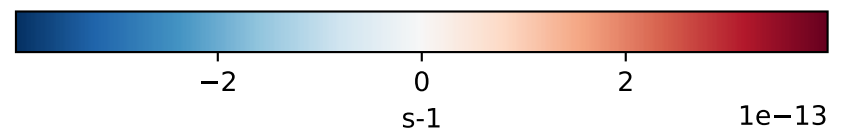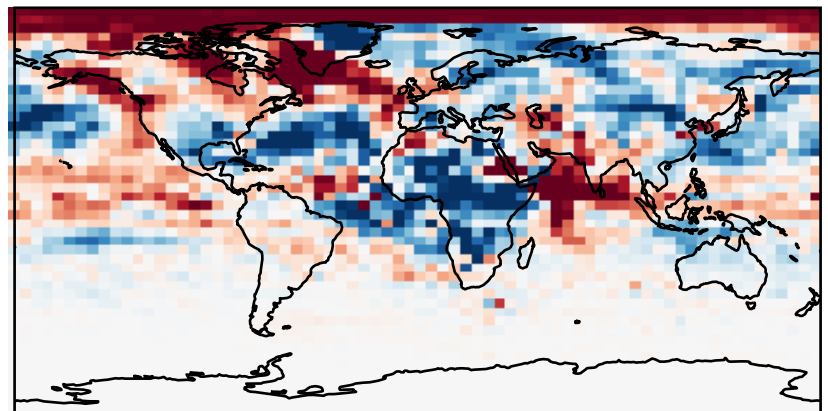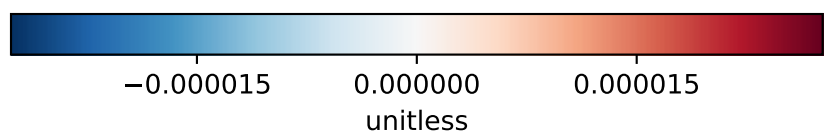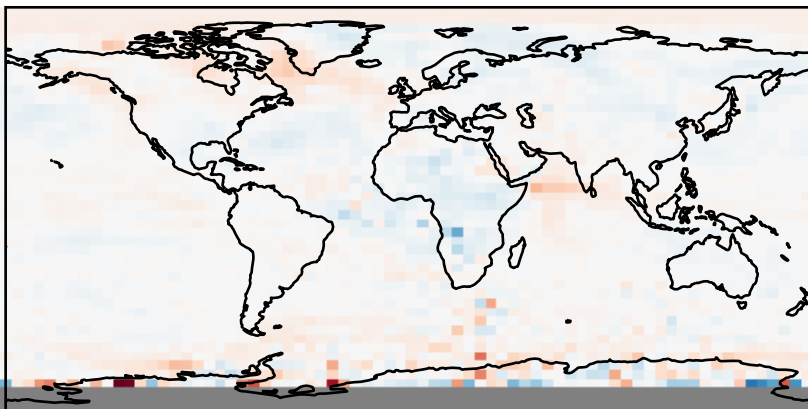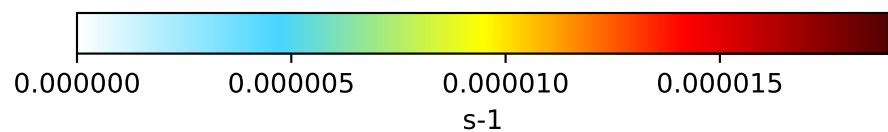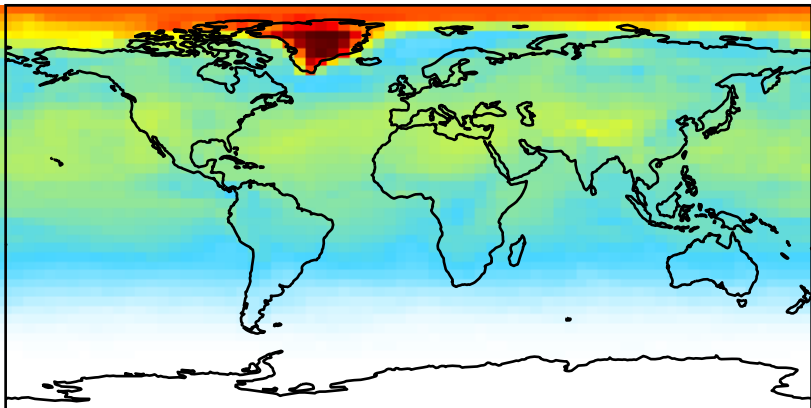s-1

s-1

Fractional Difference
(Dev-Ref)/Ref, Dynamic Range
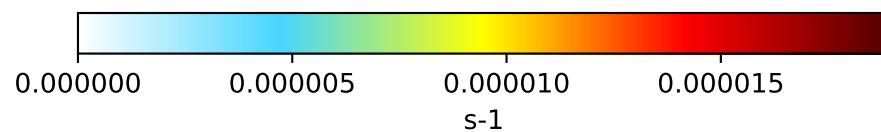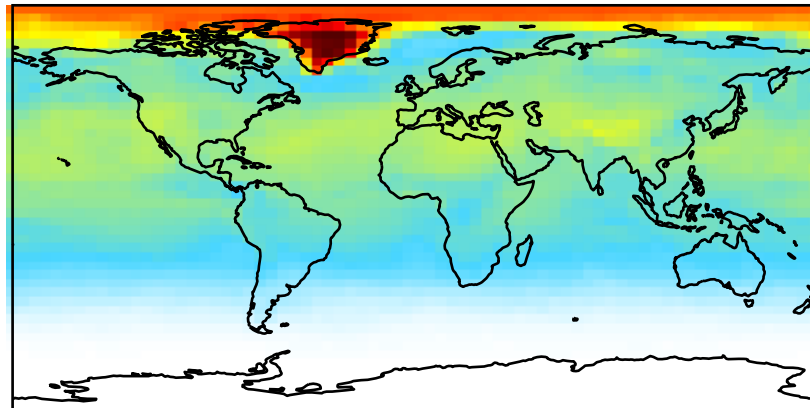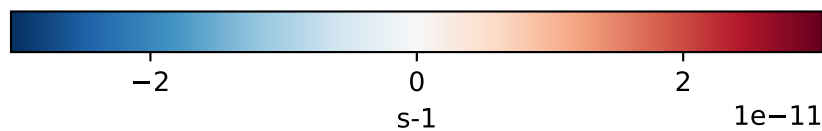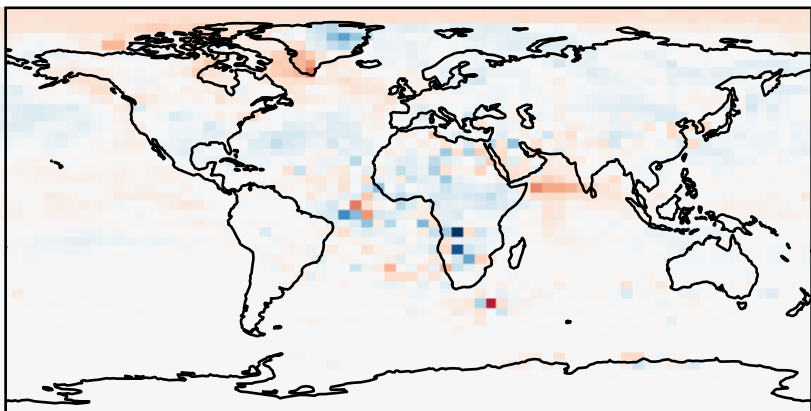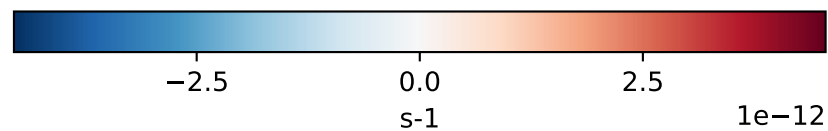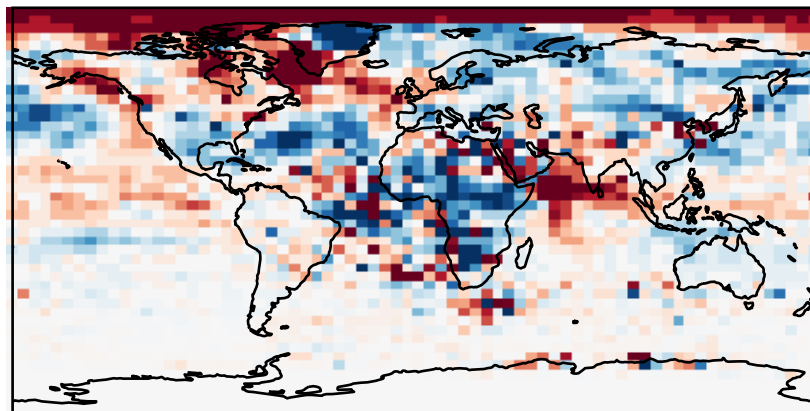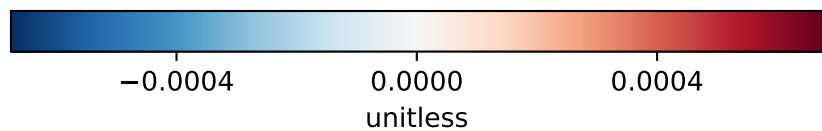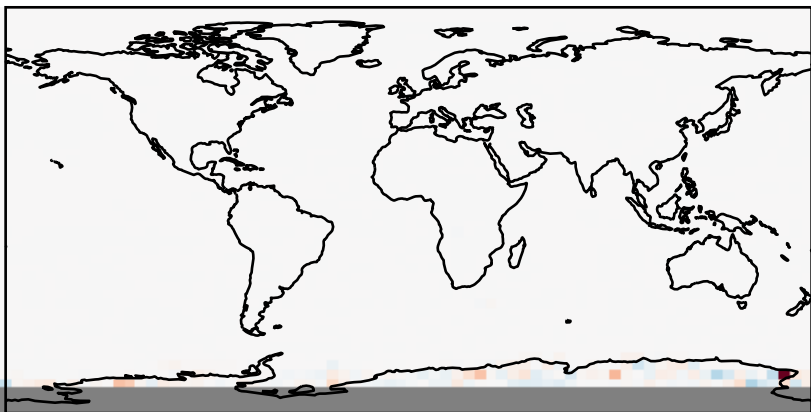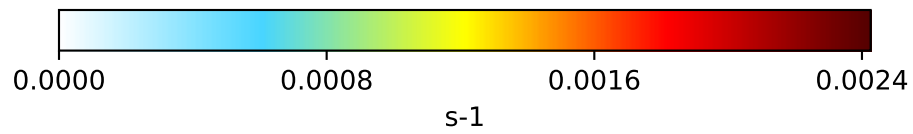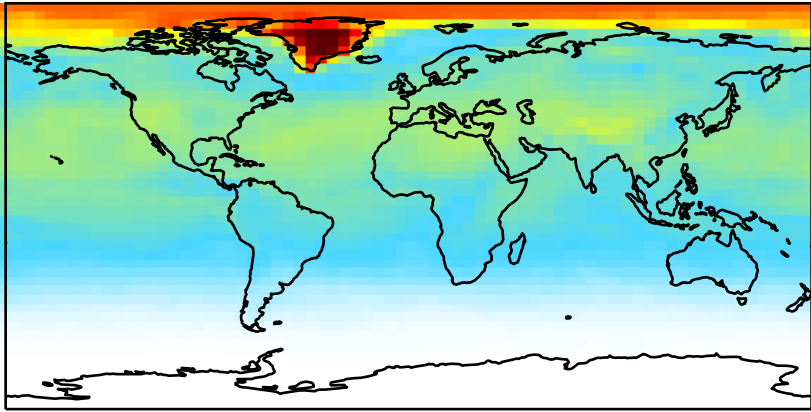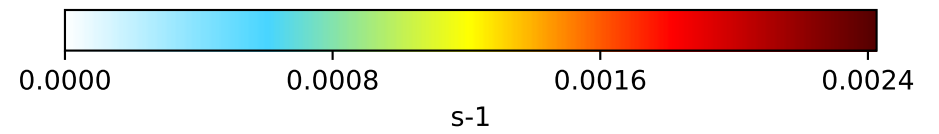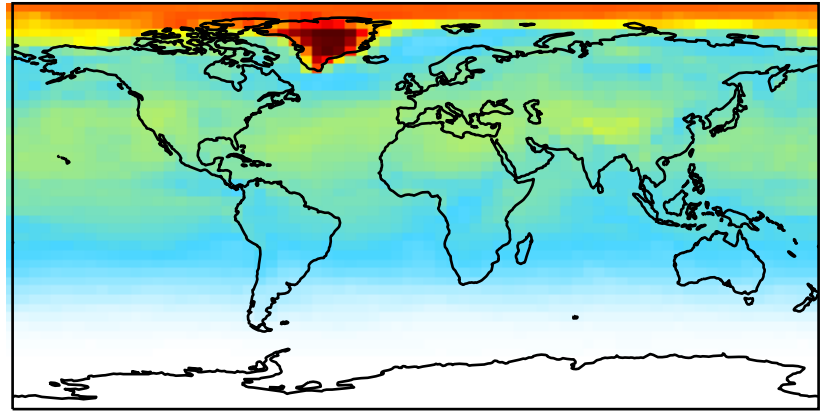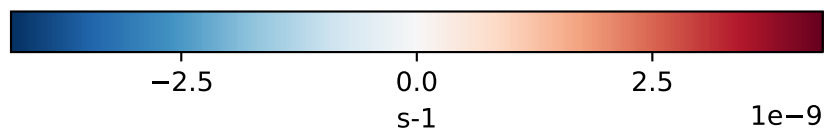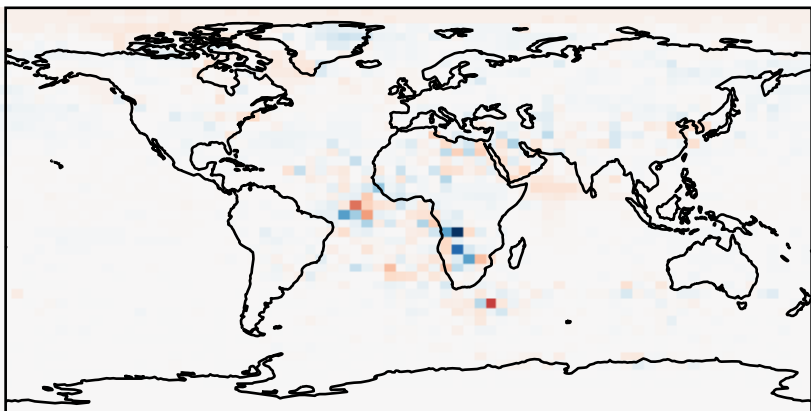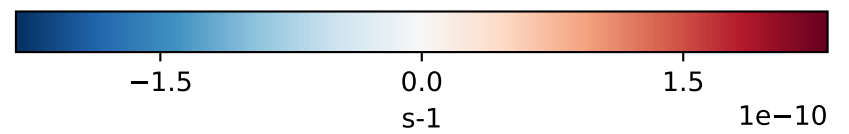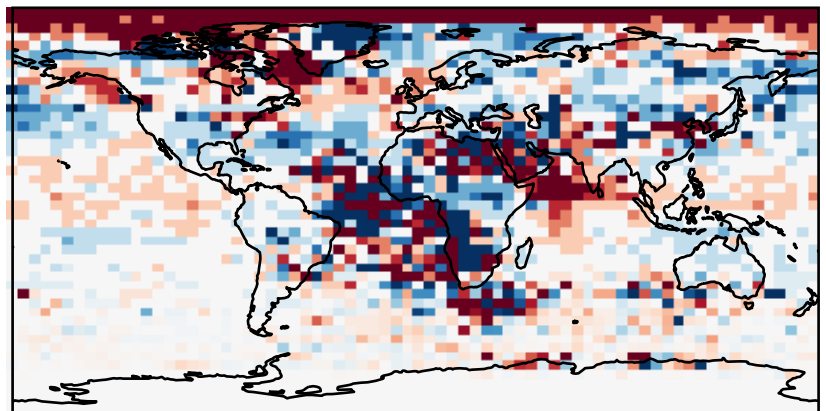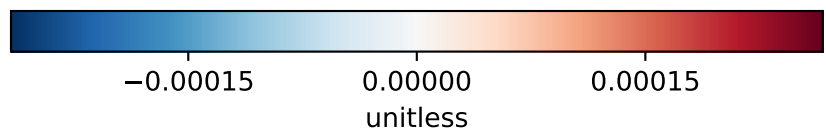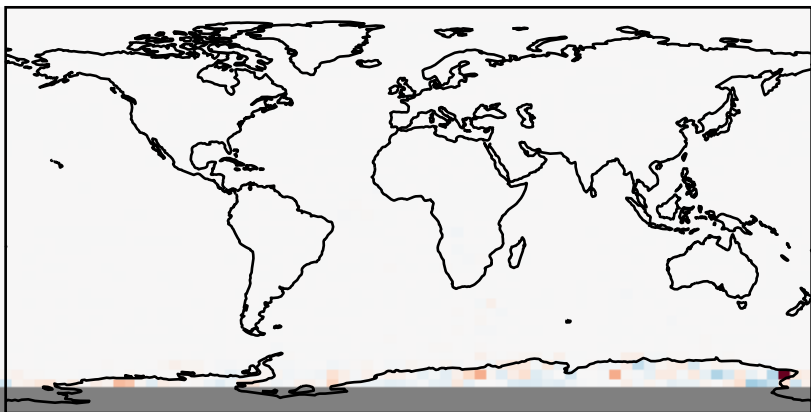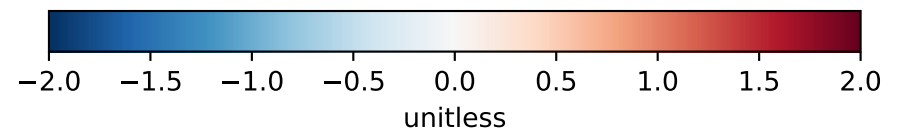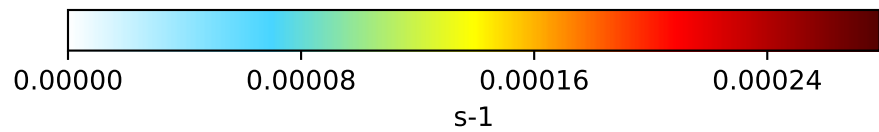
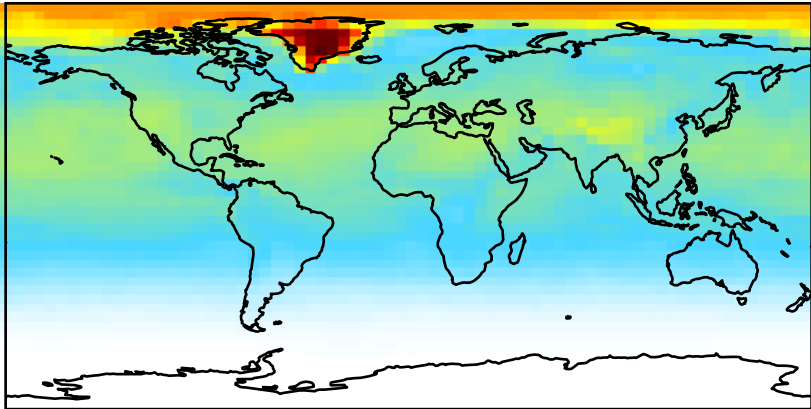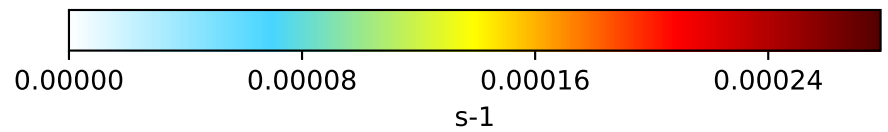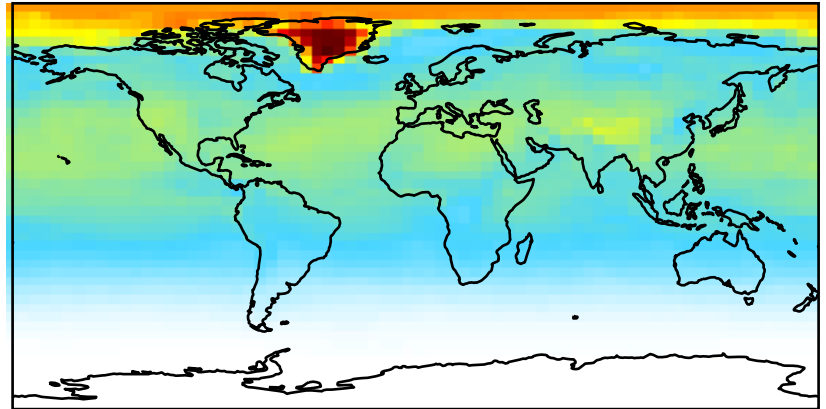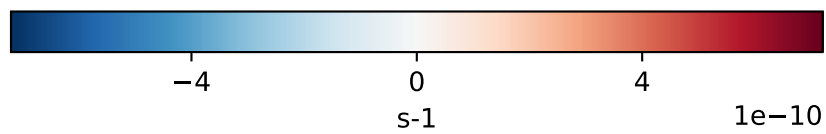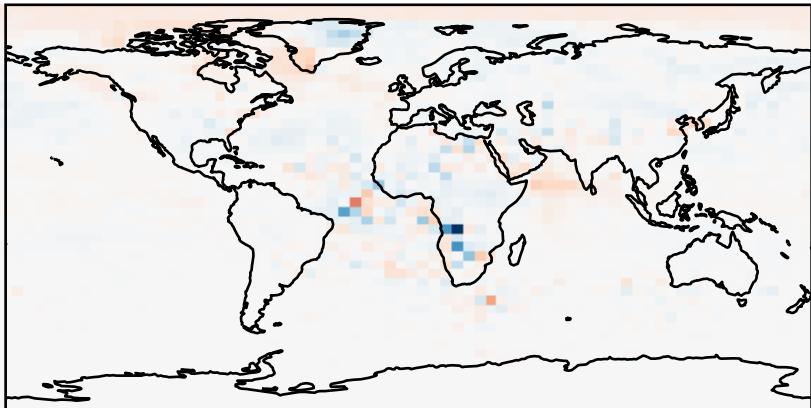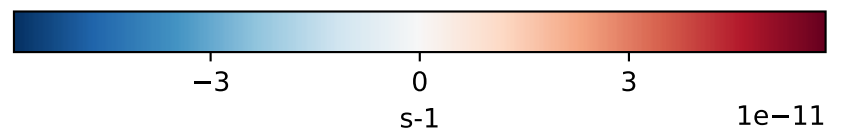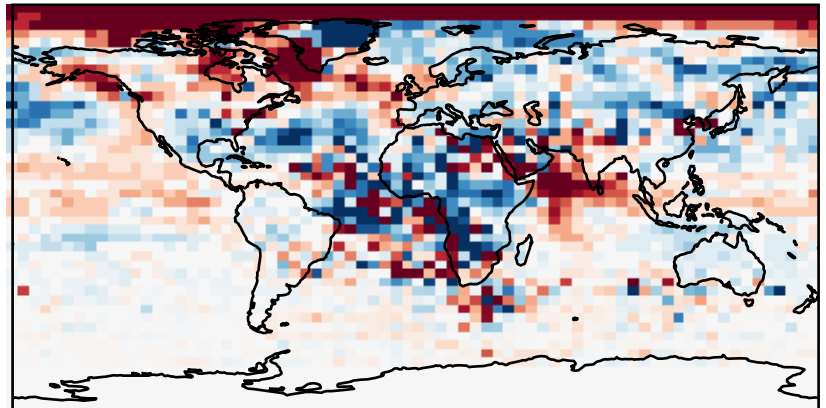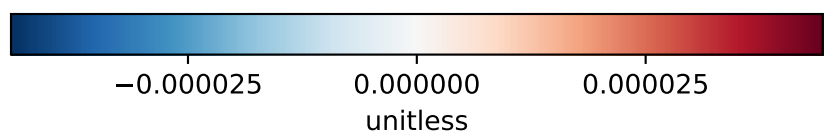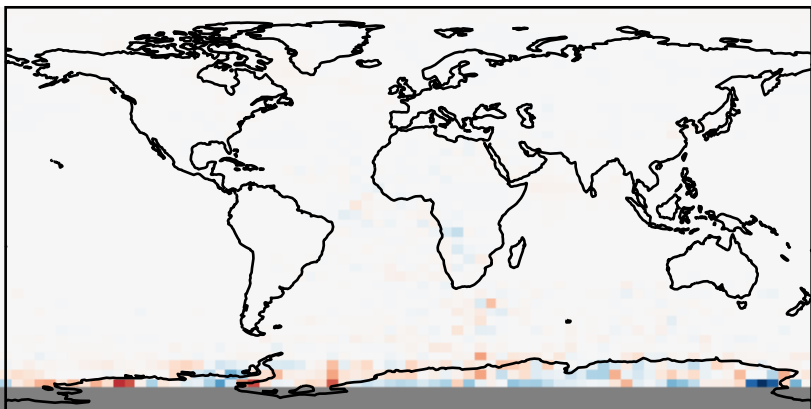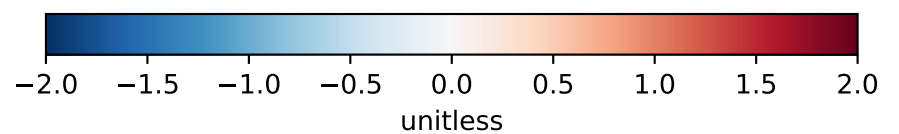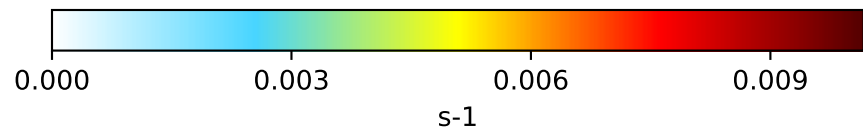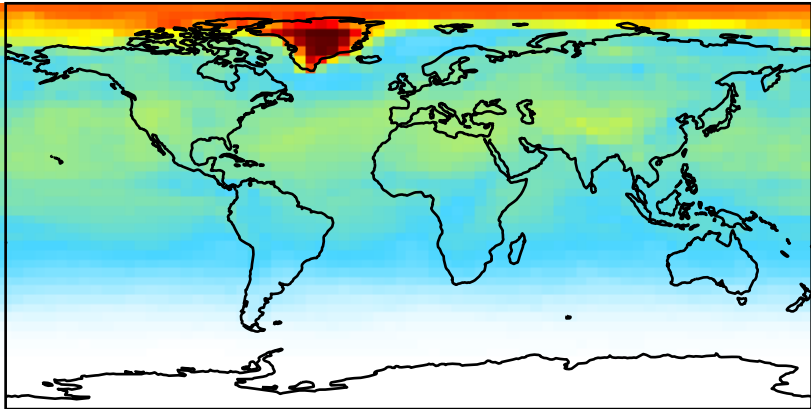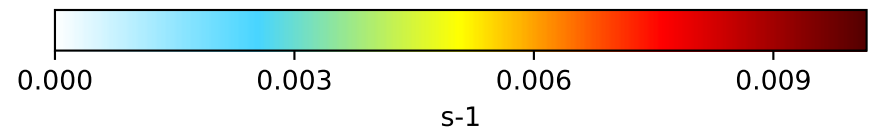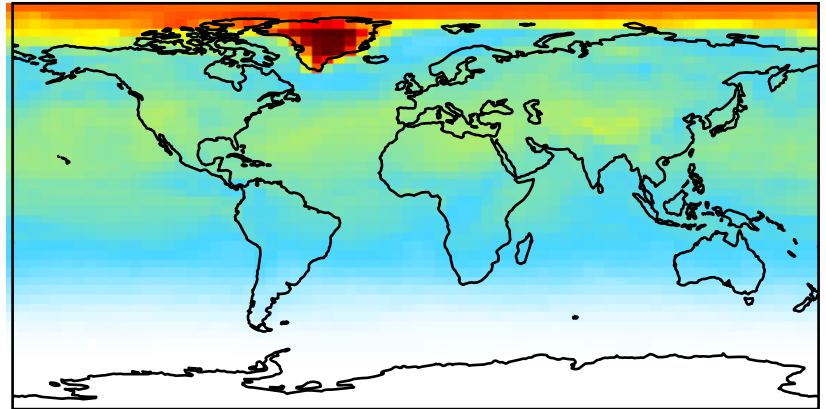Fractional Difference
(Dev-Ref)/Ref, Fixed Range

unitless

unitless
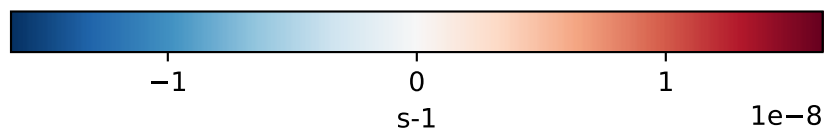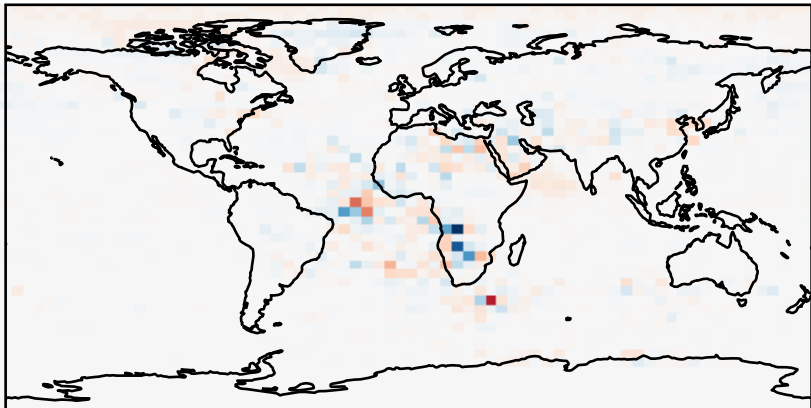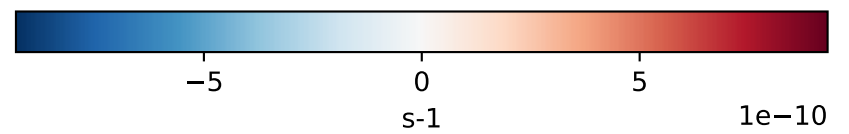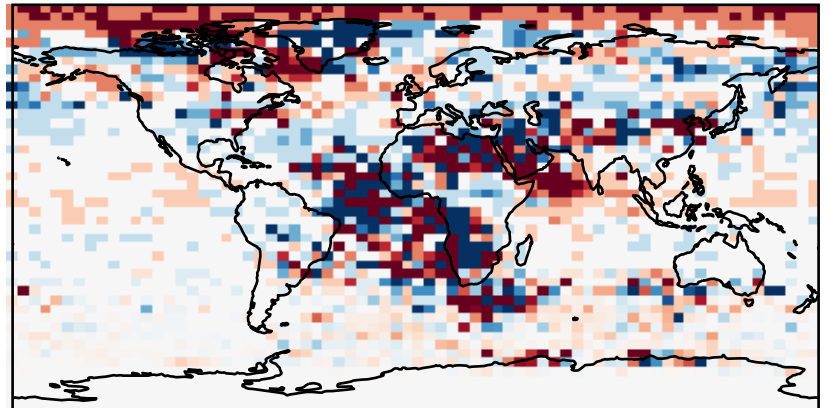
Jval_MVK

Jval_MVKN

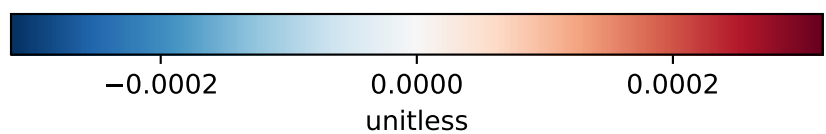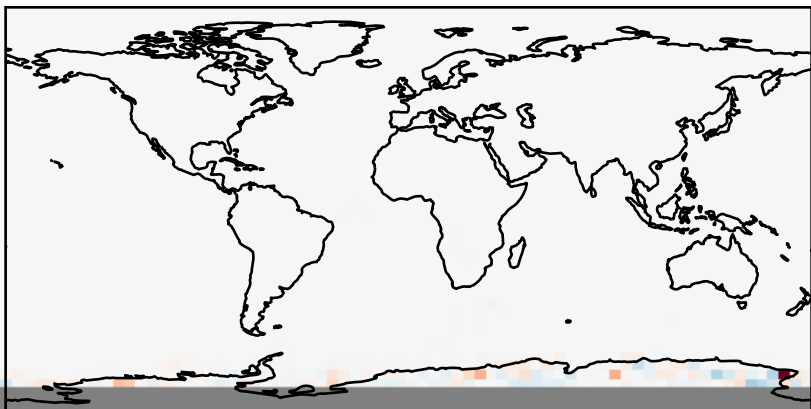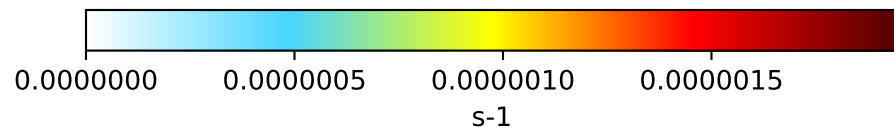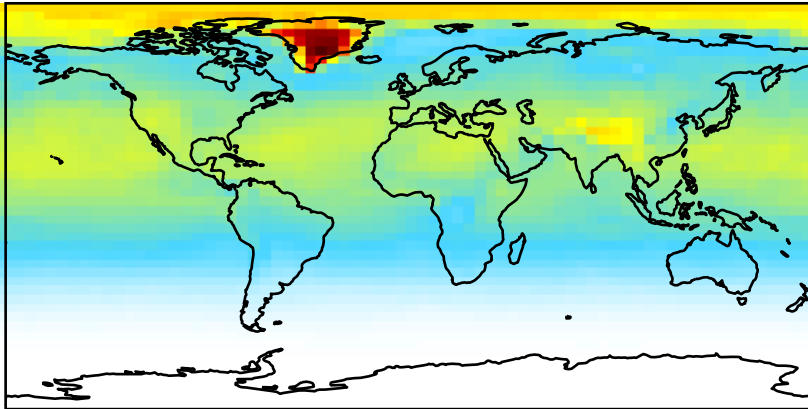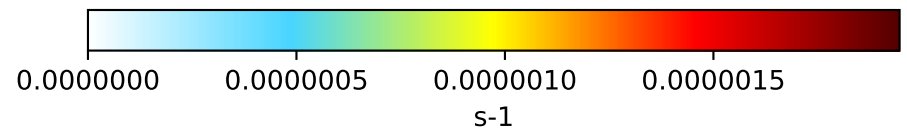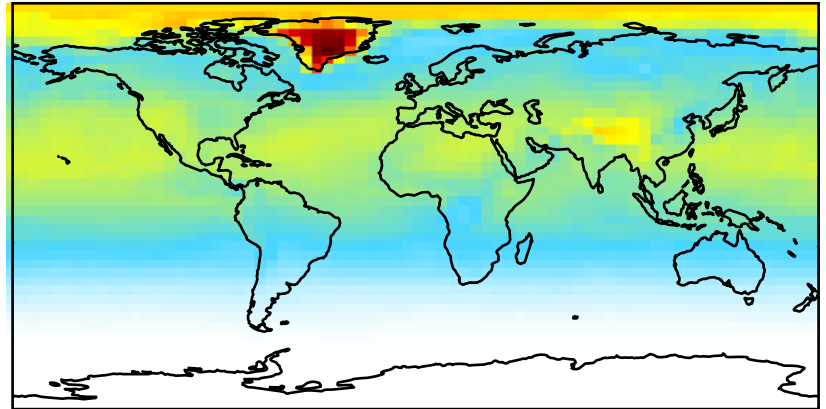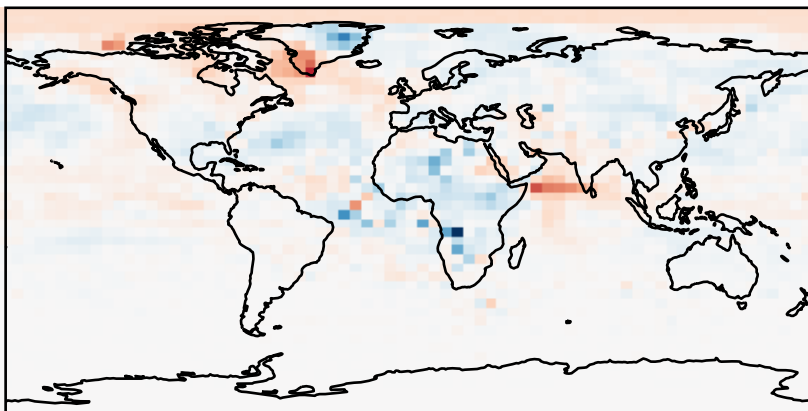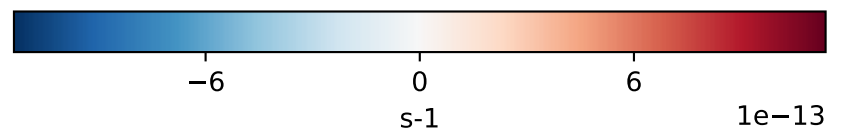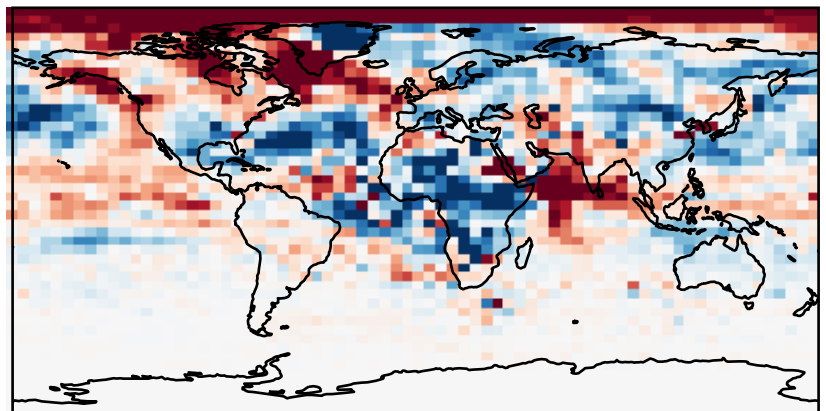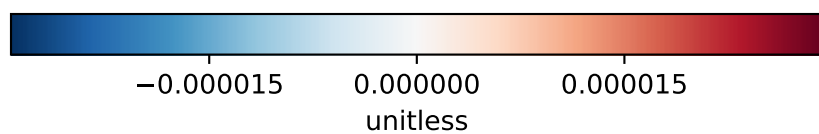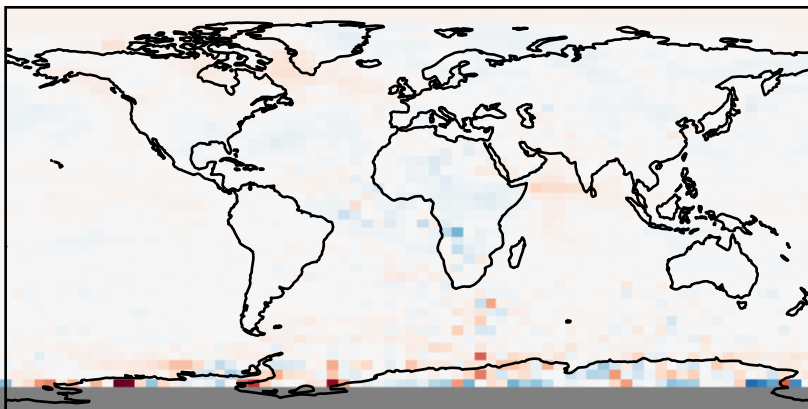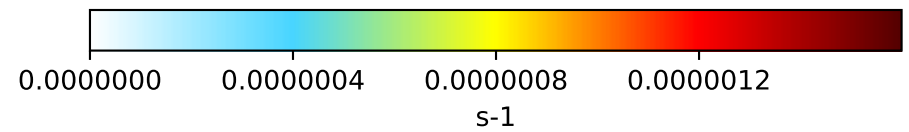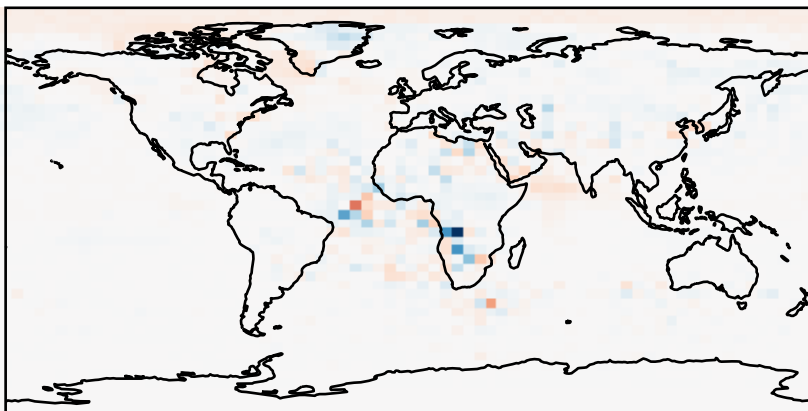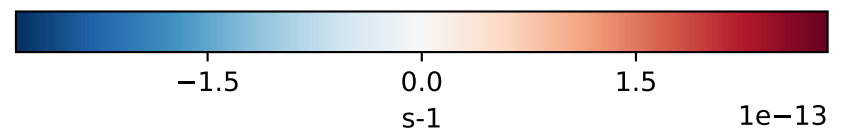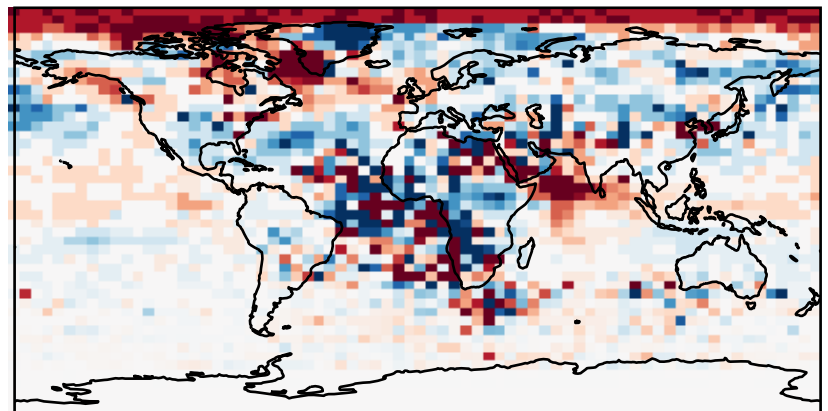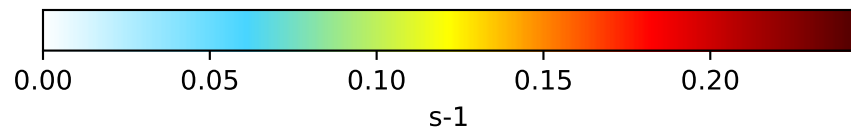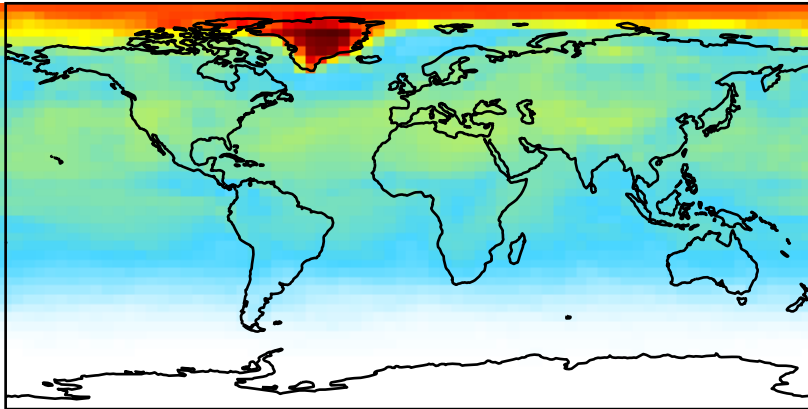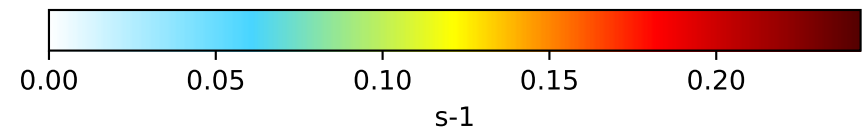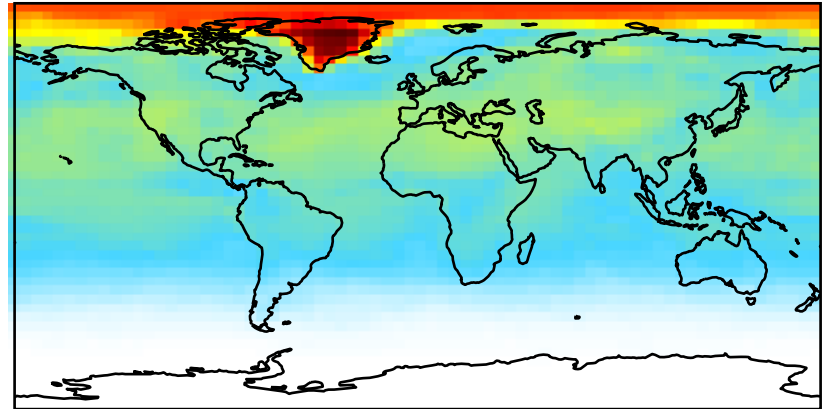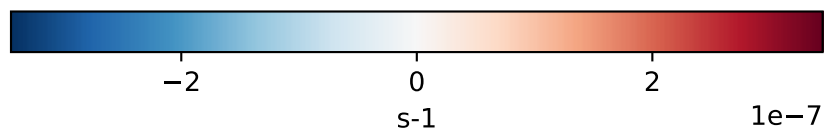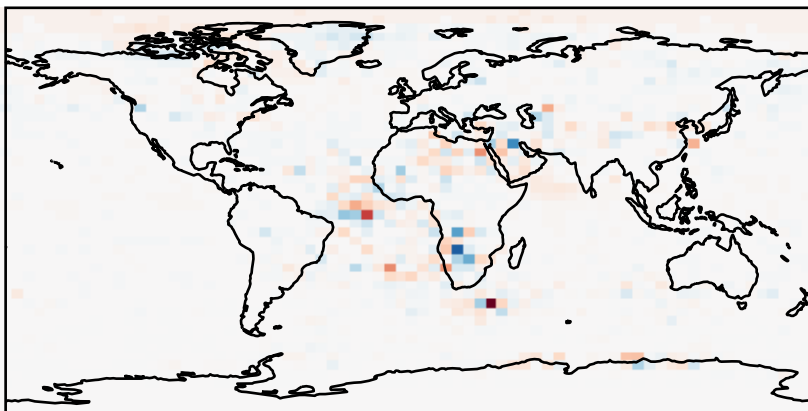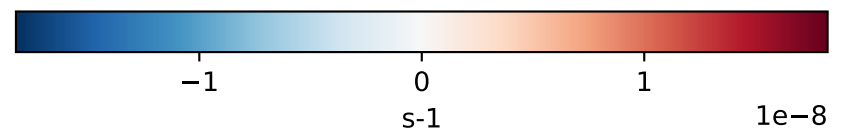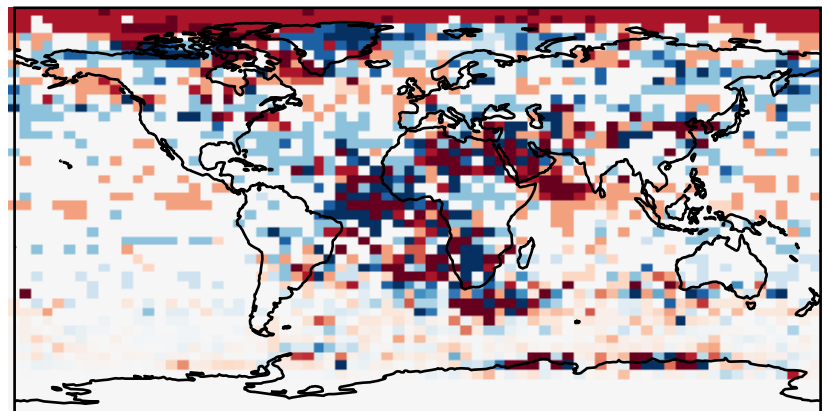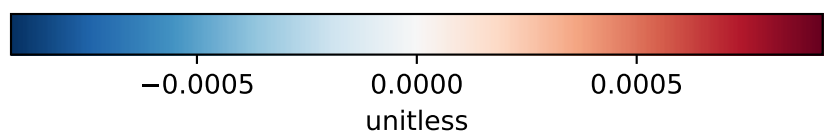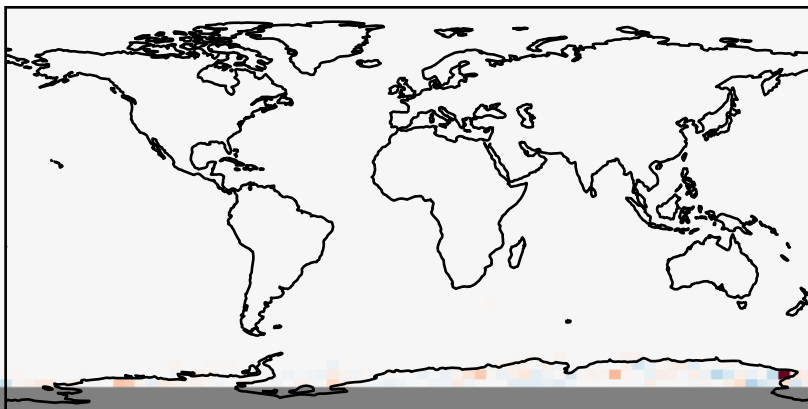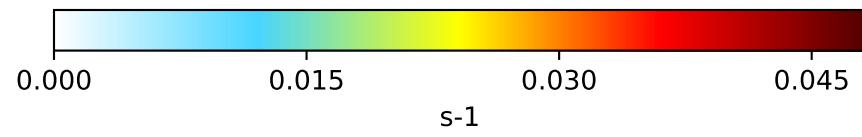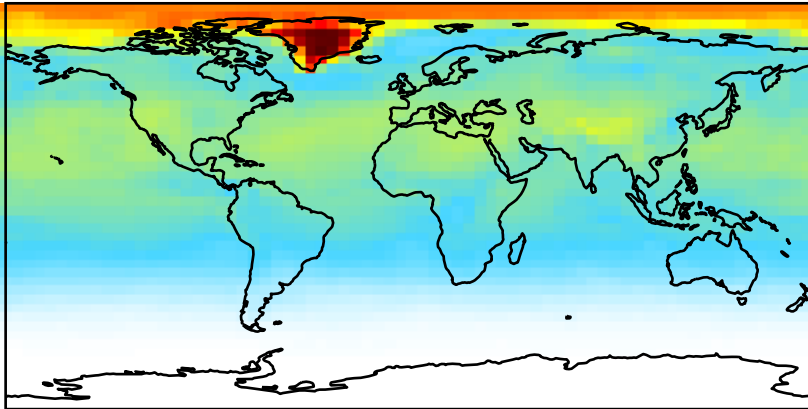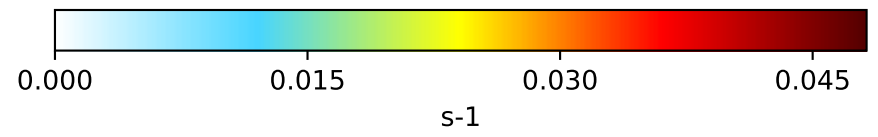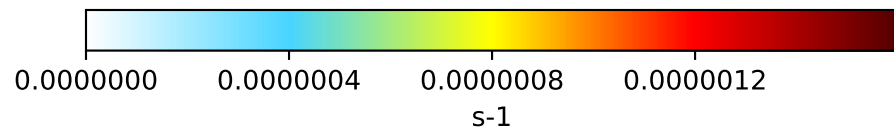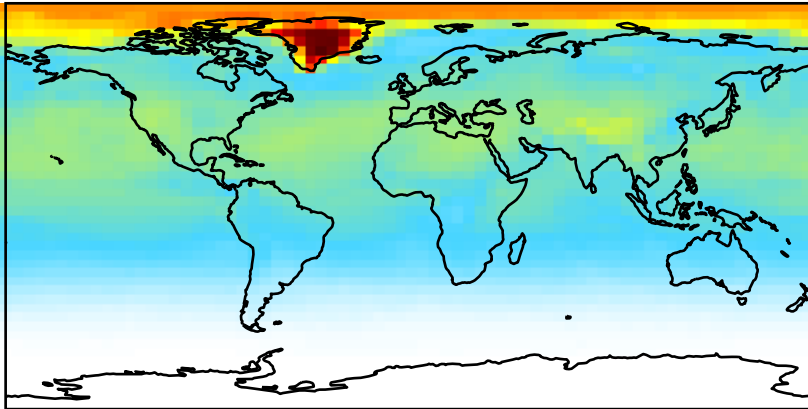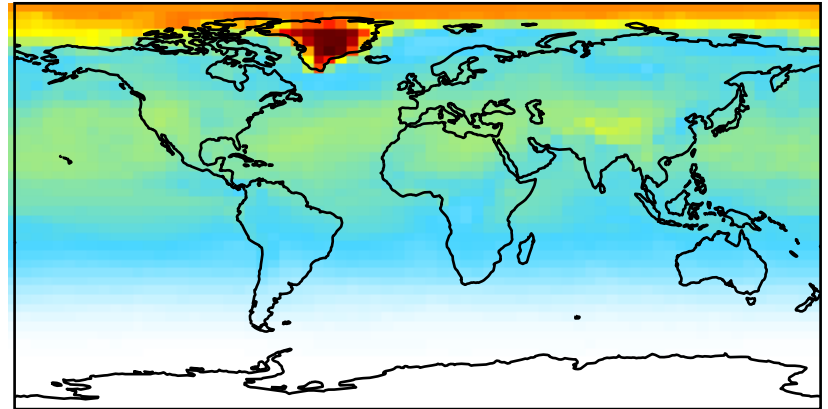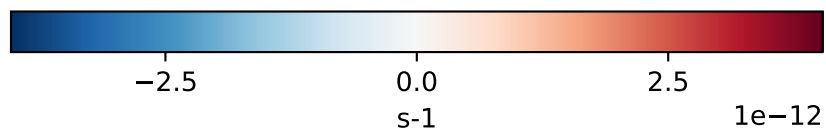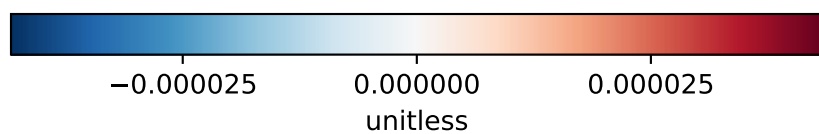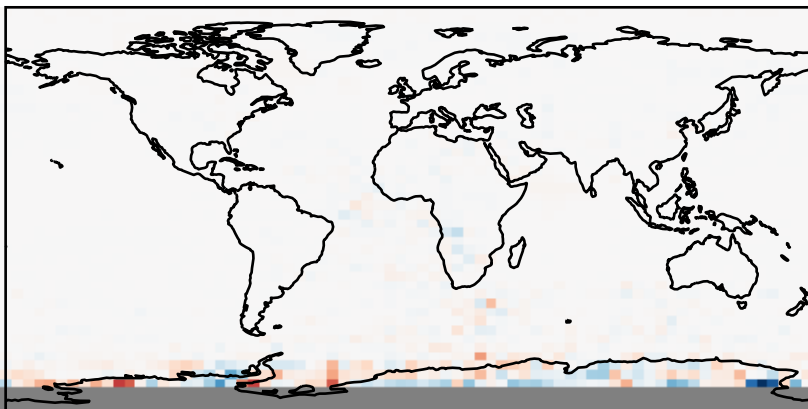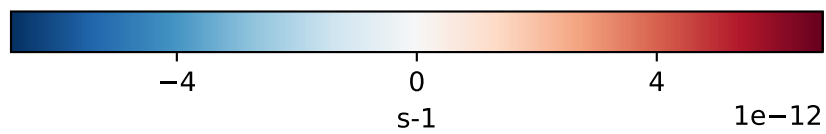# Jval_N2O

Jval_N2O5

Jval_NIT

GC_12.7.0-rc.1 (Ref)
4x5

GC_12.7.0-rc.2 (Dev)
4x5

Zero throughout domain
s-1

Zero throughout domain
s-1

Difference
Dev - Ref, Dynamic Range

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

Zero throughout domain
s-1

Zero throughout domain
s-1

Fractional Difference
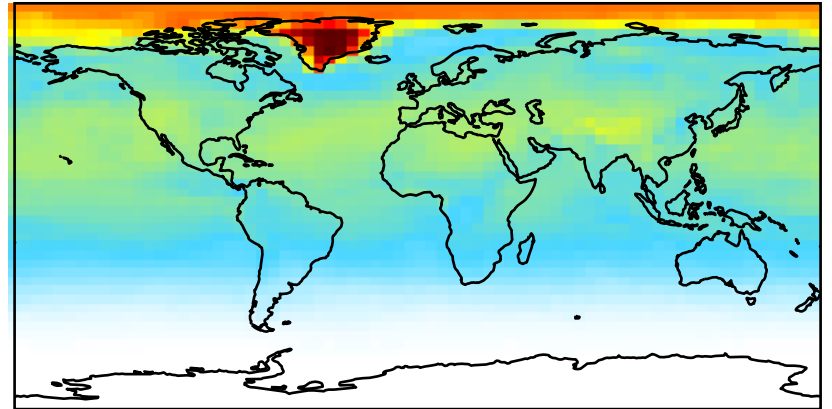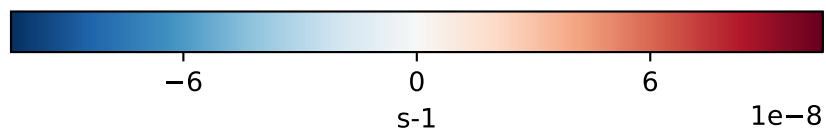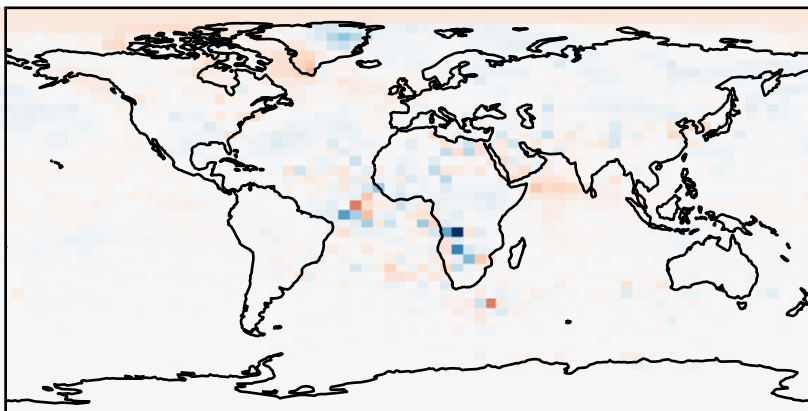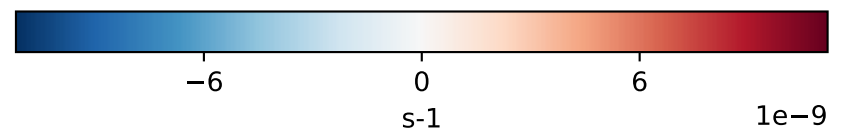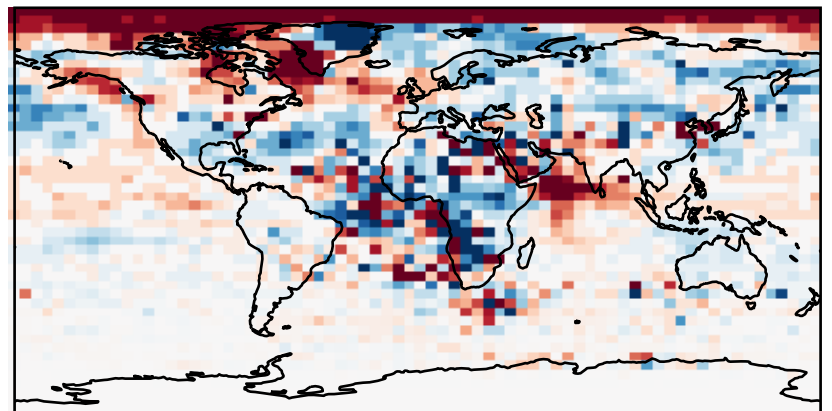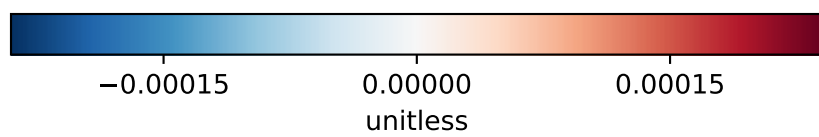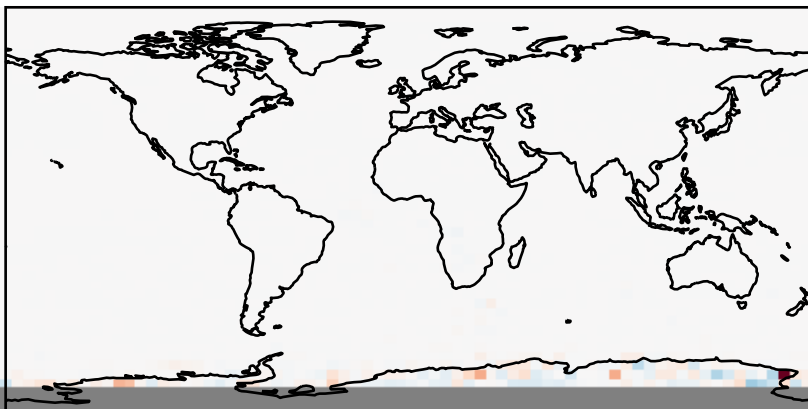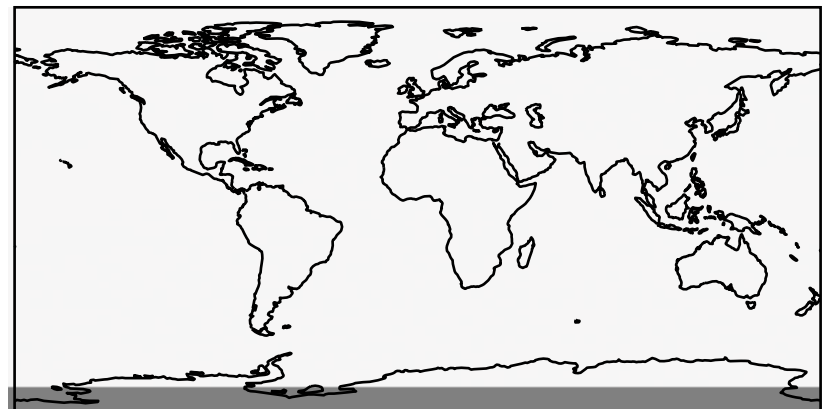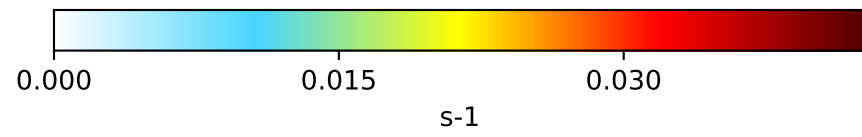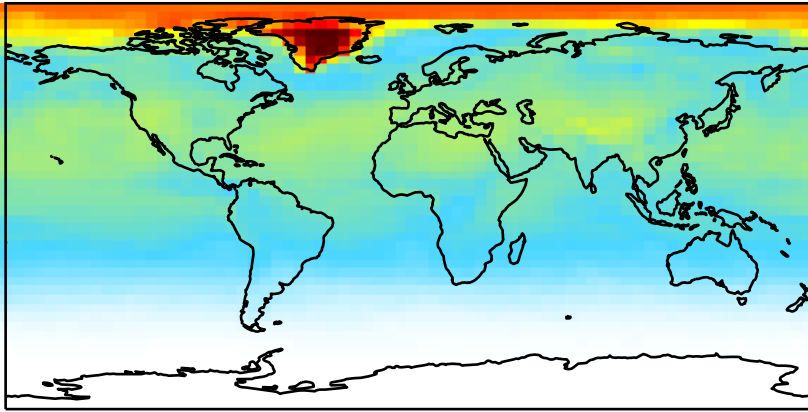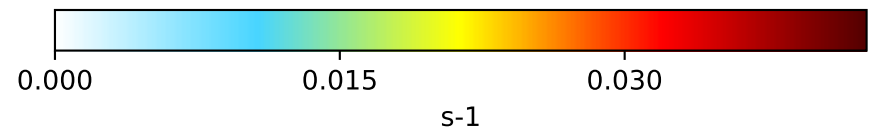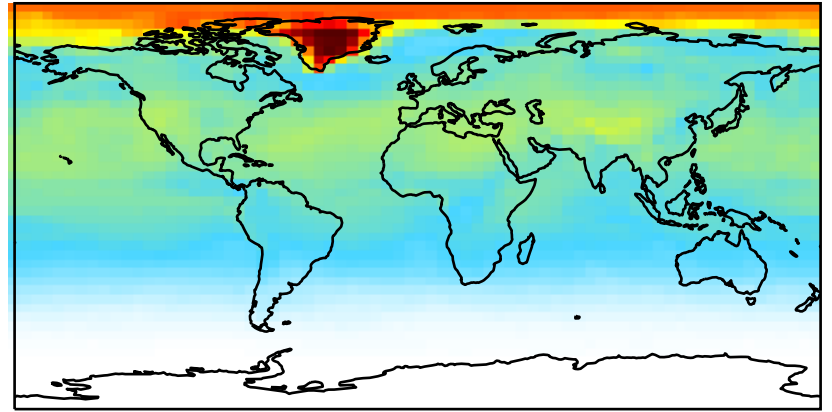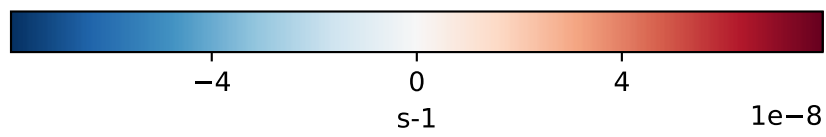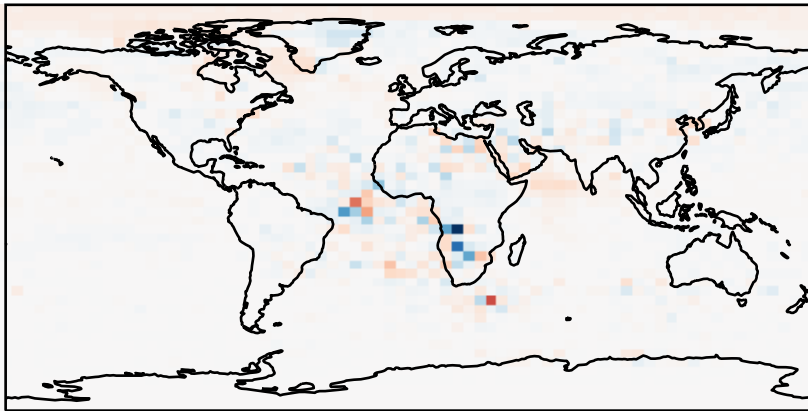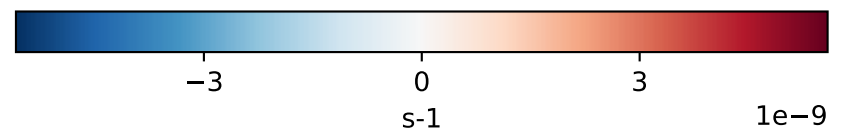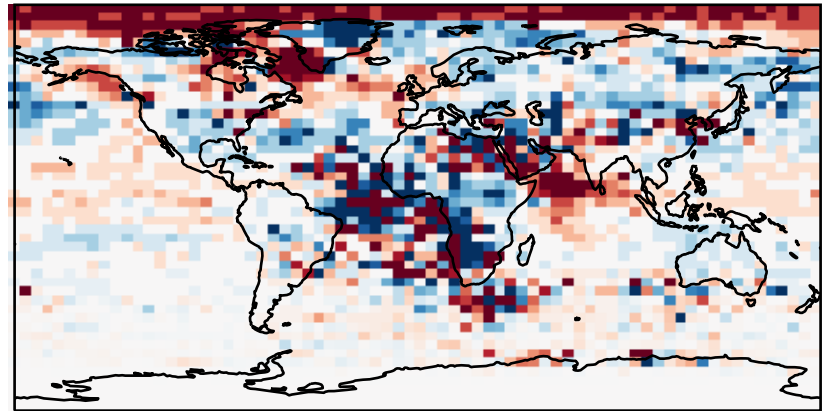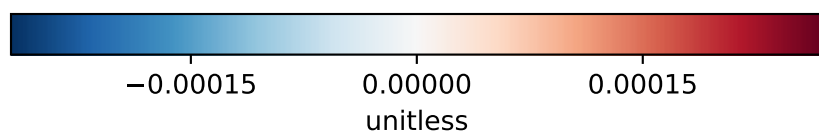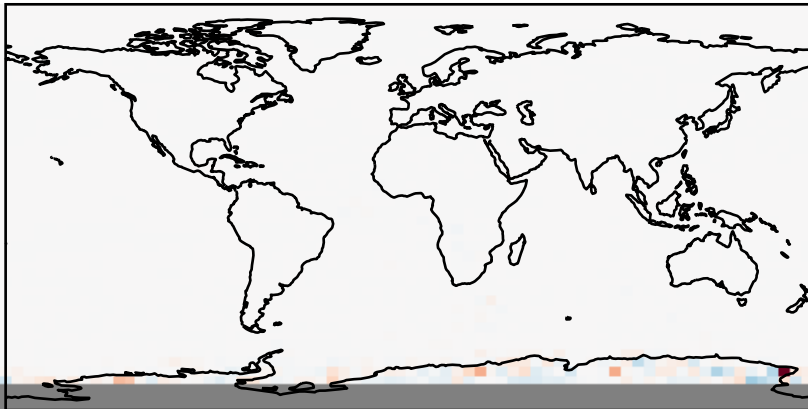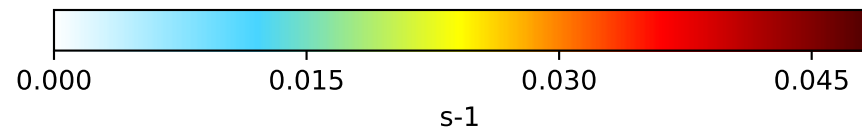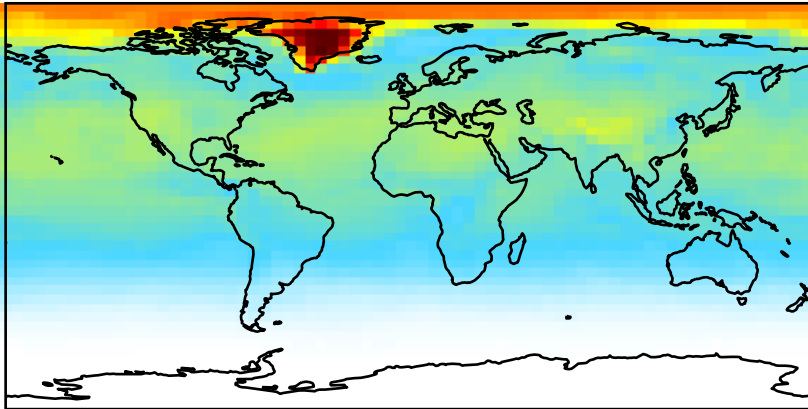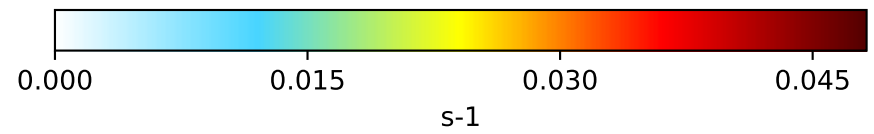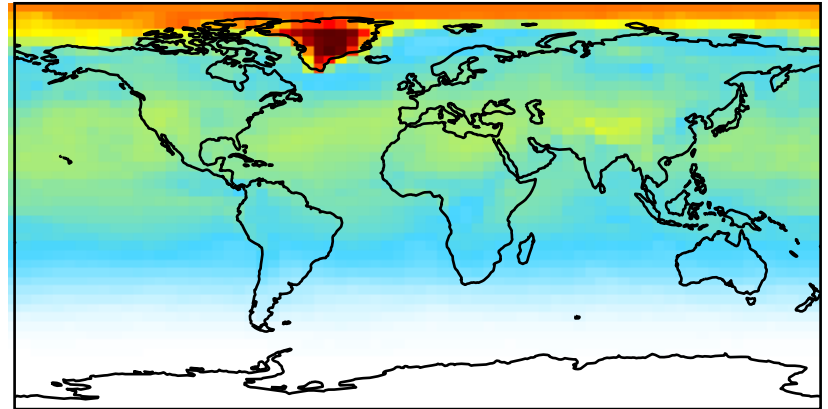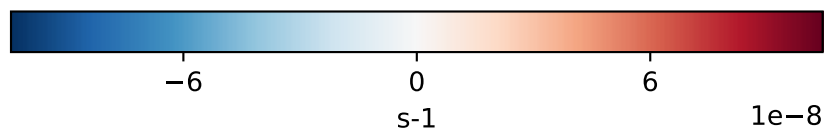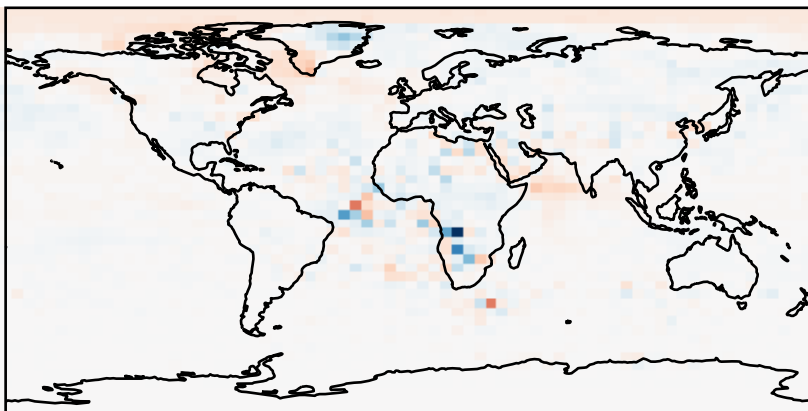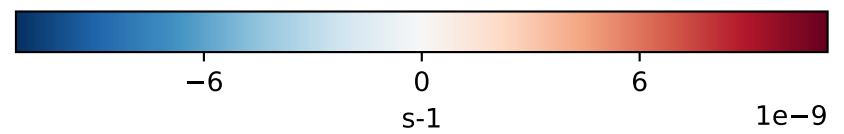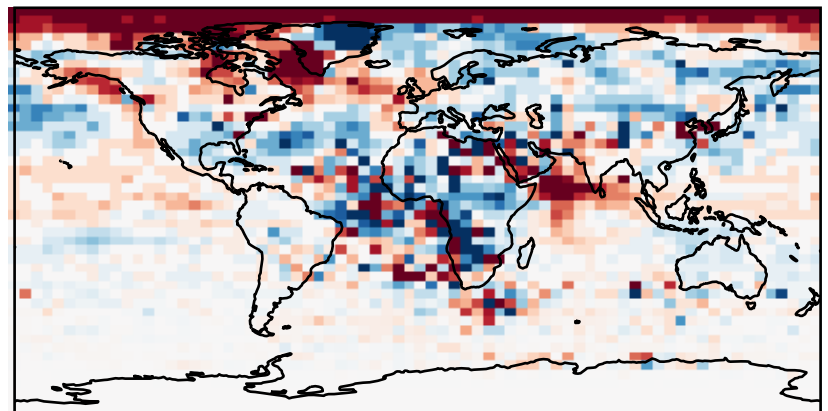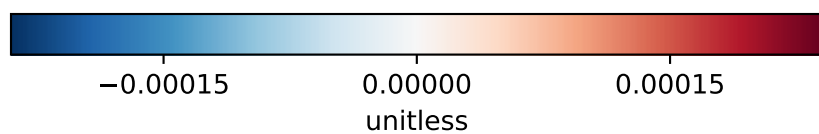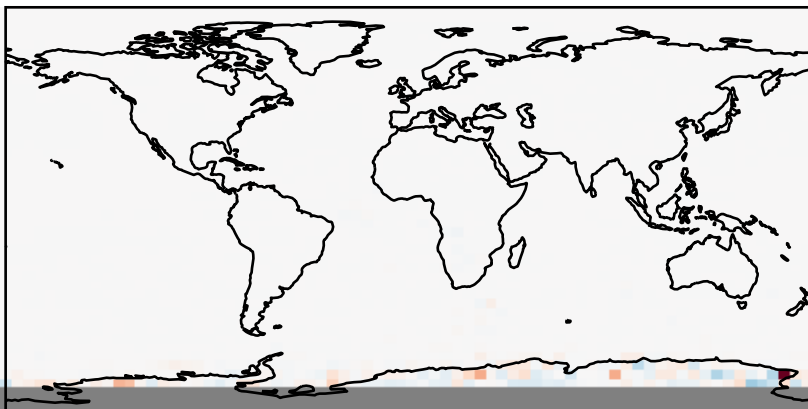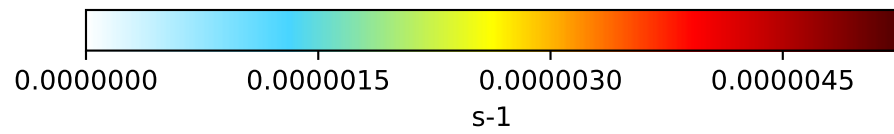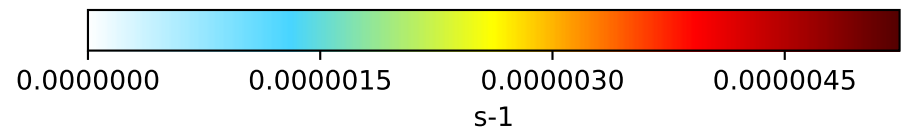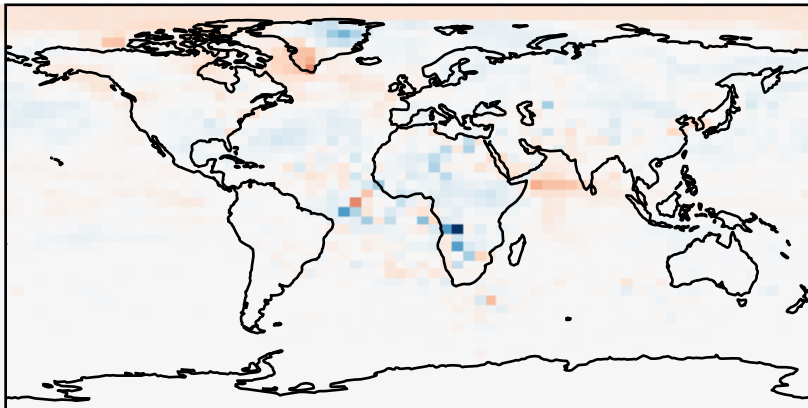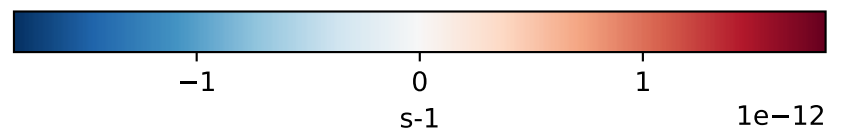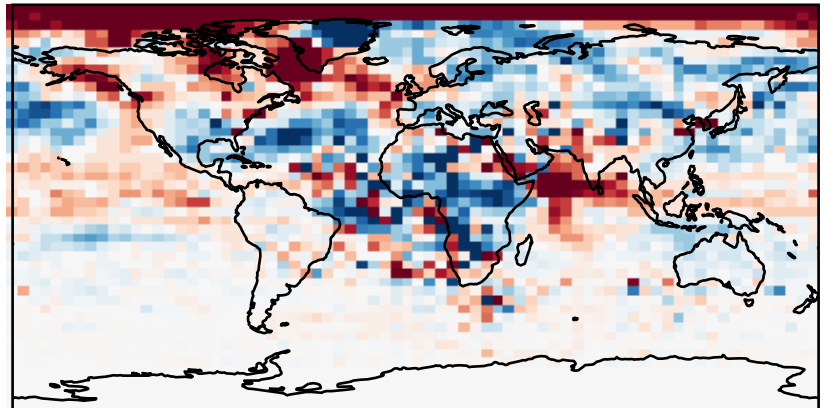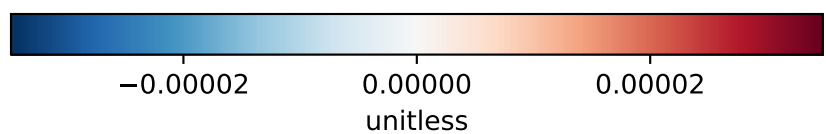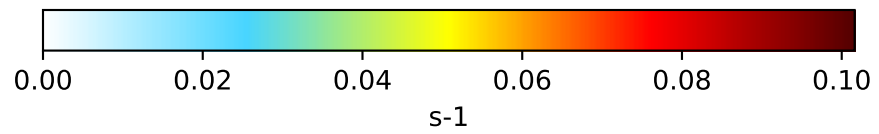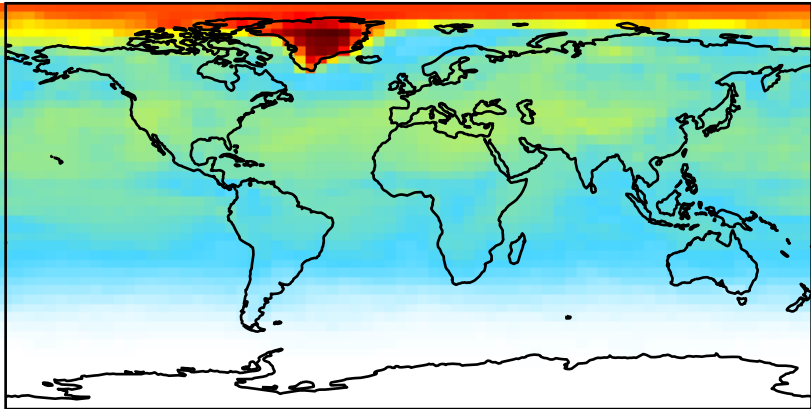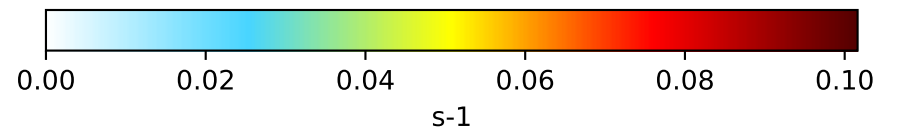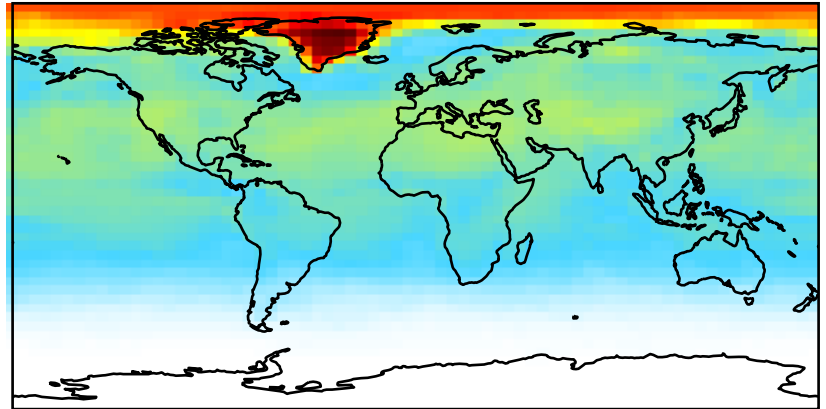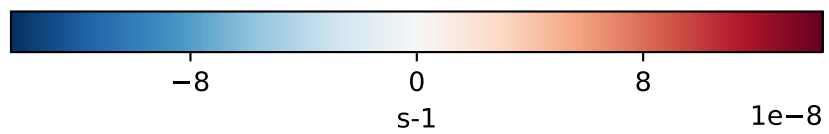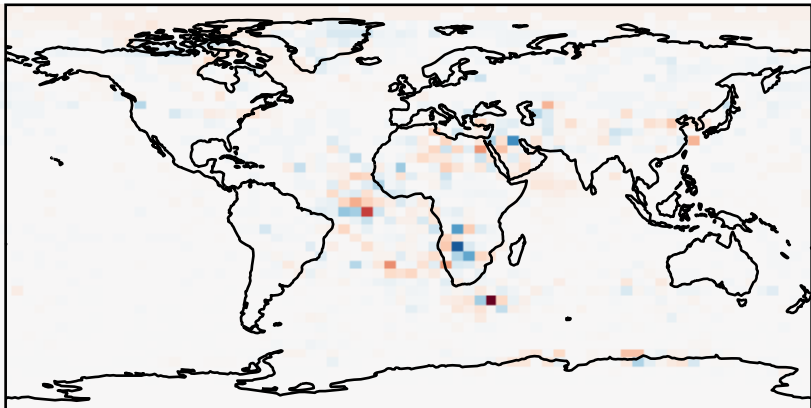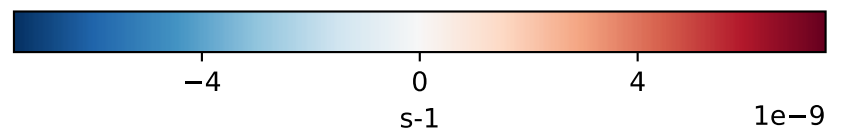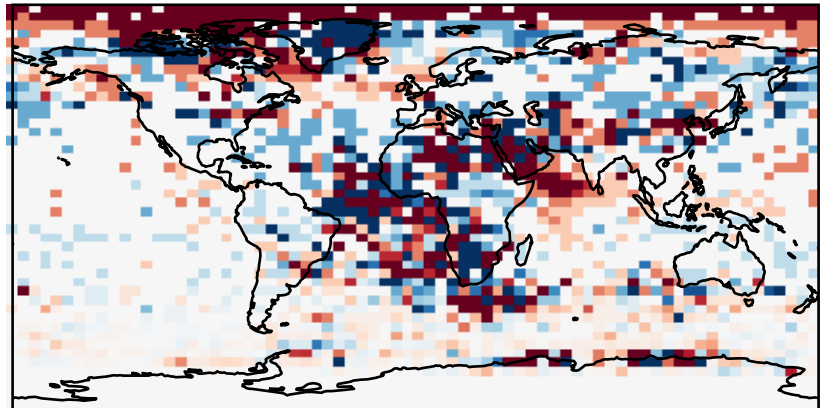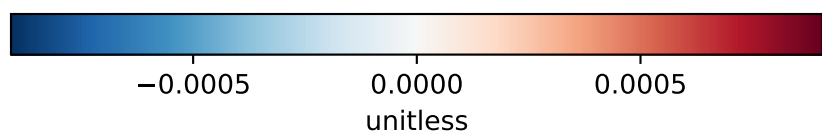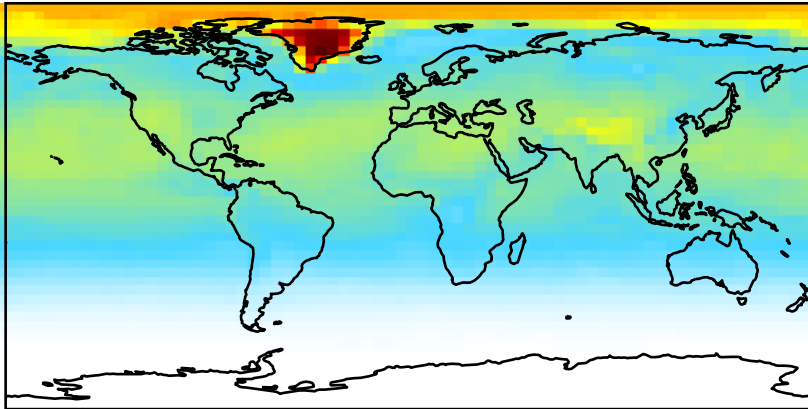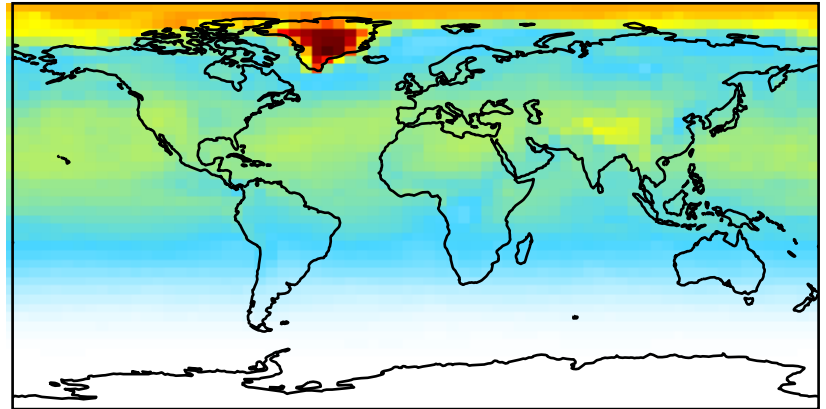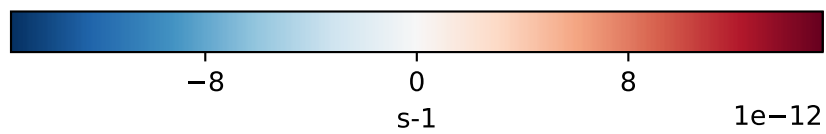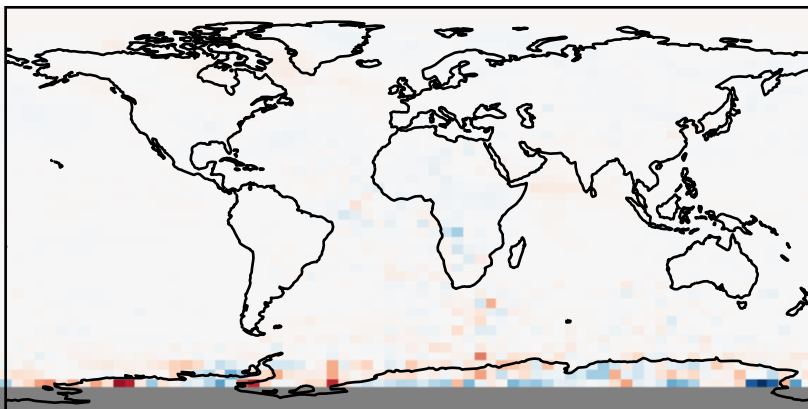(Dev-Ref)/Ref, Dynamic Range

Fractional Difference
(Dev-Ref)/Ref, Fixed Range

Undefined throughout domain
unitless

Undefined throughout domain
unitless

Jval_NITs

GC_12.7.0-rc.1 (Ref)
4x5

Zero throughout domain
s-1

GC_12.7.0-rc.2 (Dev)
4x5

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

Fractional Difference
(Dev-Ref)/Ref, Dynamic Range

Undefined throughout domain
unitless

Fractional Difference
(Dev-Ref)/Ref, Fixed Range

Undefined throughout domain
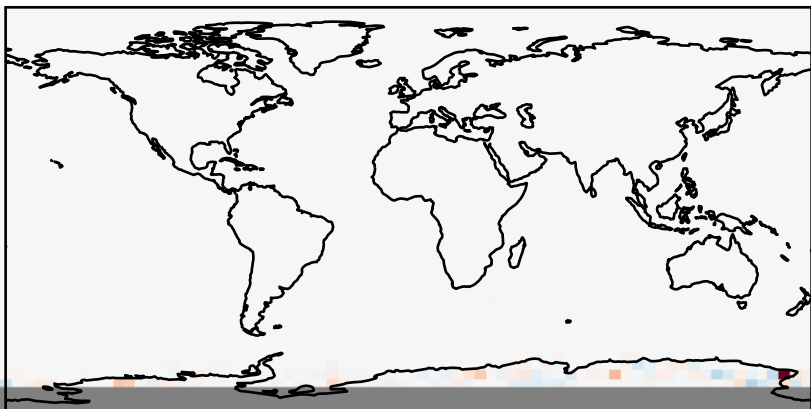unitless

Jval_NO

Jval_NO2

GC_12.7.0-rc.1 (Ref)
4x5

GC_12.7.0-rc.2 (Dev)
4x5

s-1

s-1

Difference
Dev - Ref, Dynamic Range

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

s-1

s-1

Fractional Difference
(Dev-Ref)/Ref, Dynamic Range
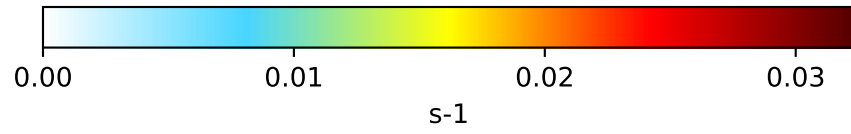
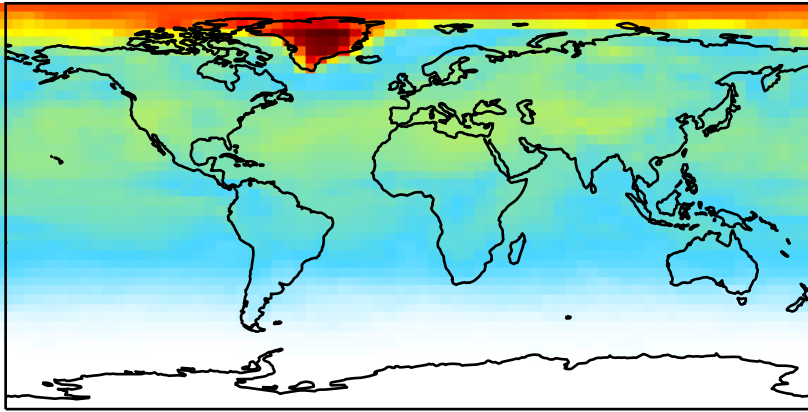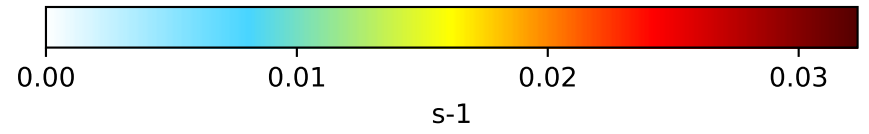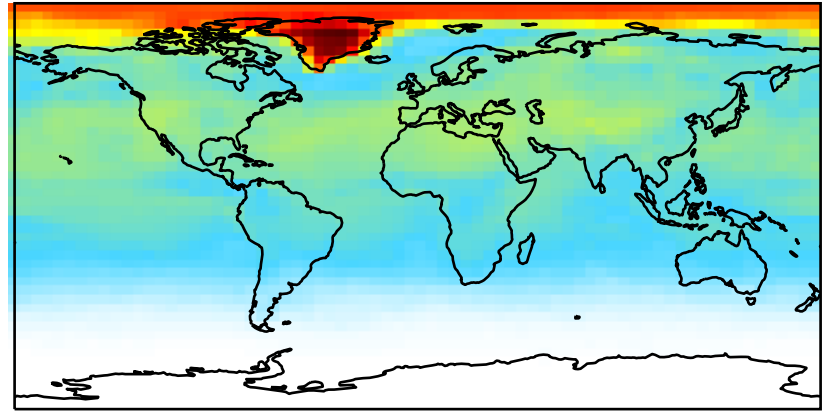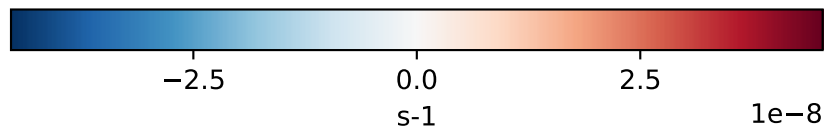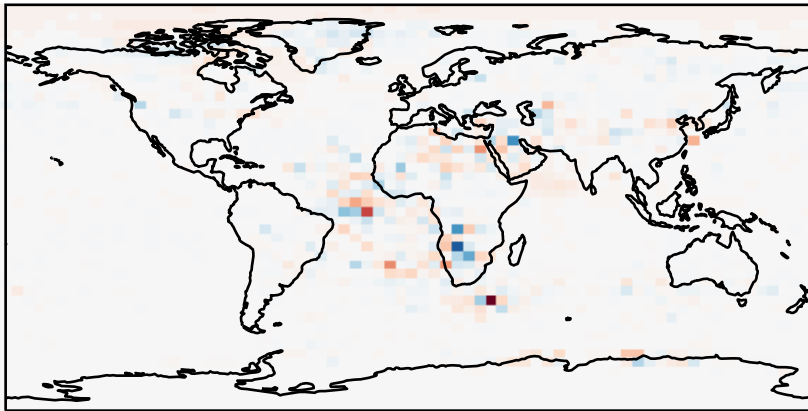Fractional Difference
(Dev-Ref)/Ref, Fixed Range

unitless

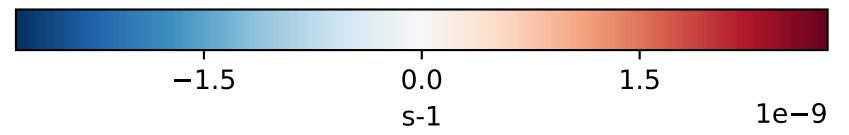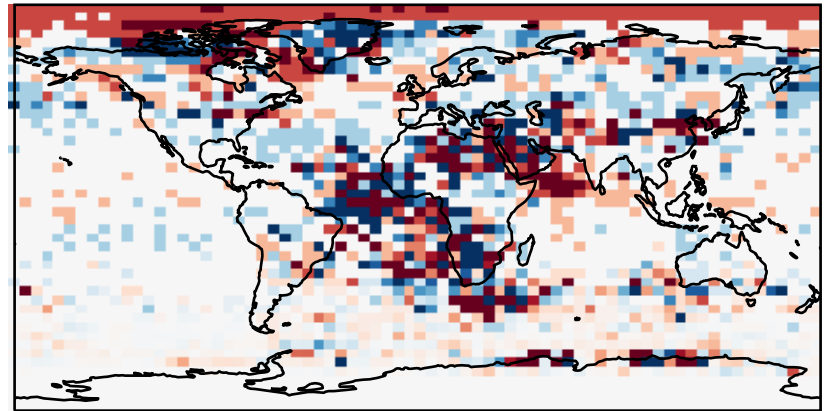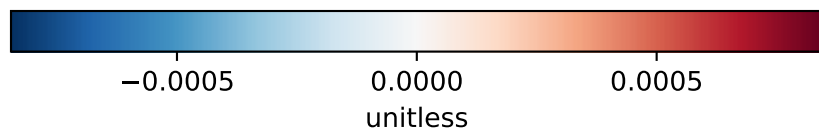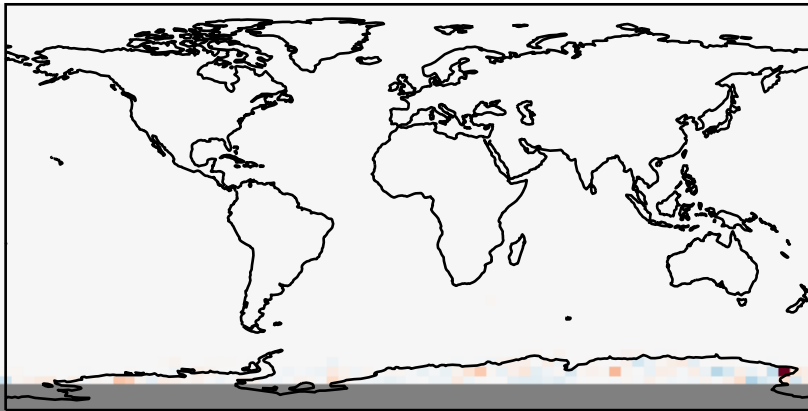unitless

Jval_NO3

Jval_NPRNO3

Jval_O2

GC_12.7.0-rc.1 (Ref)
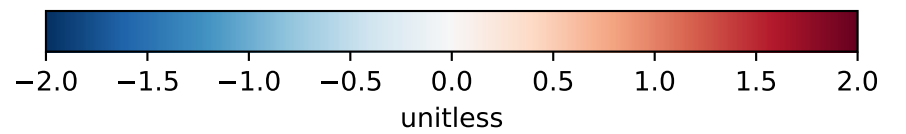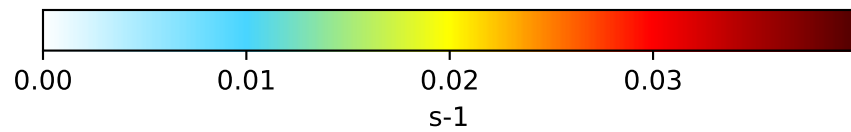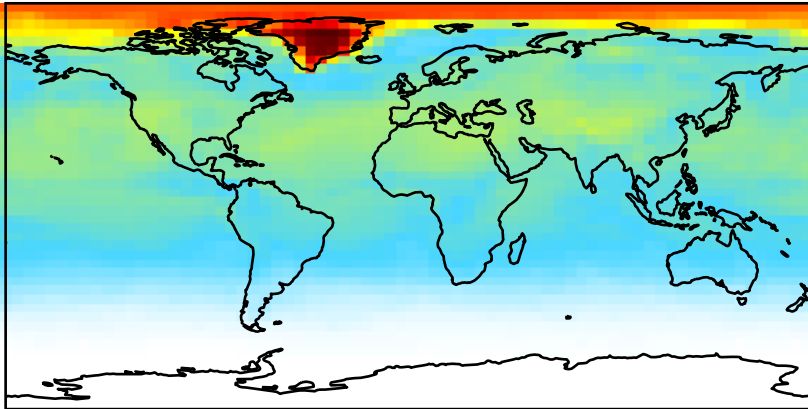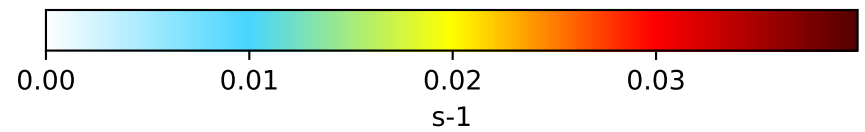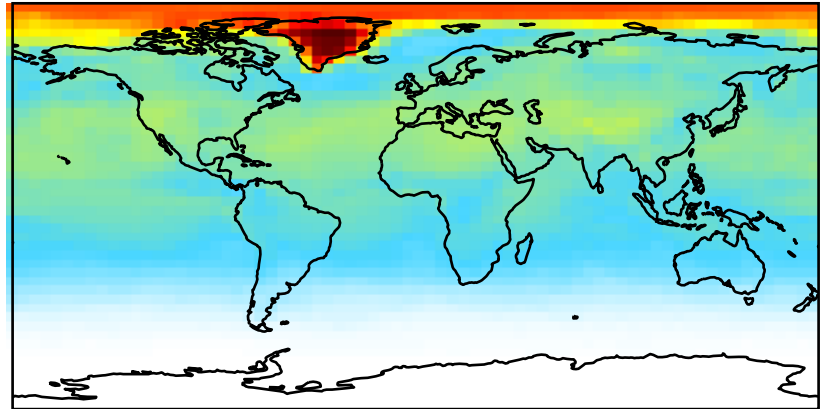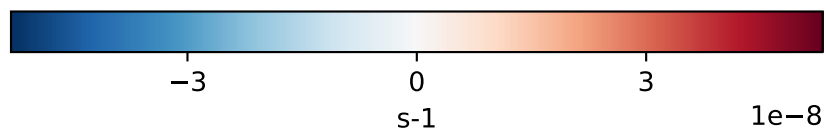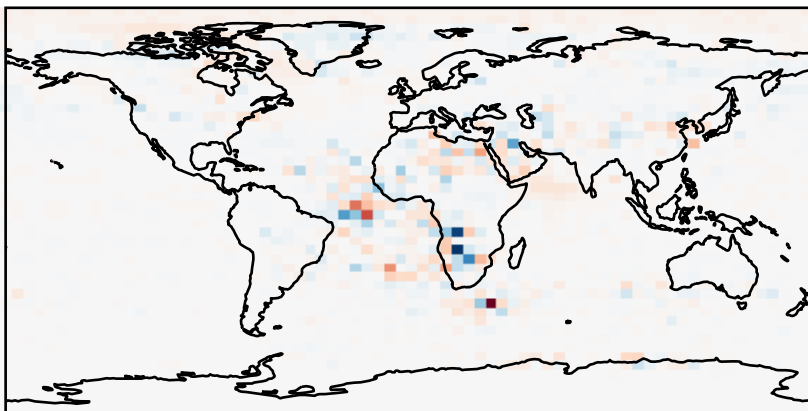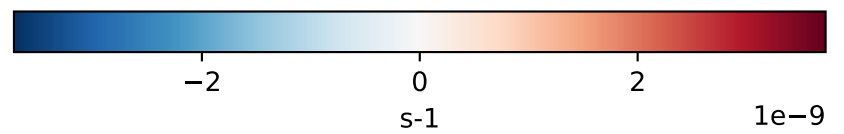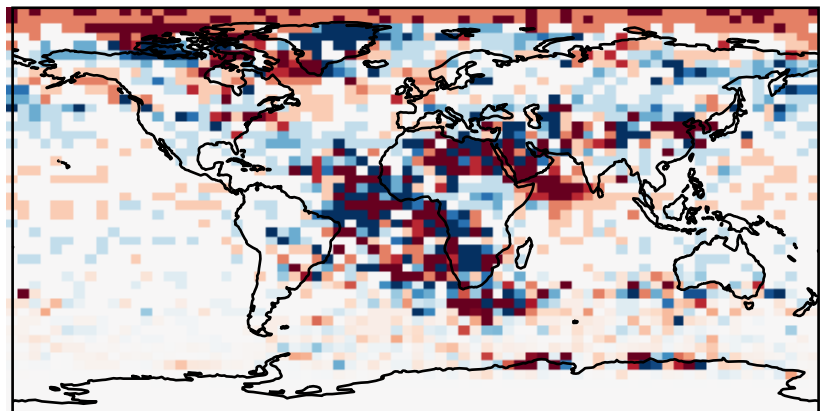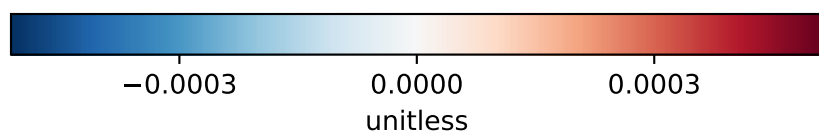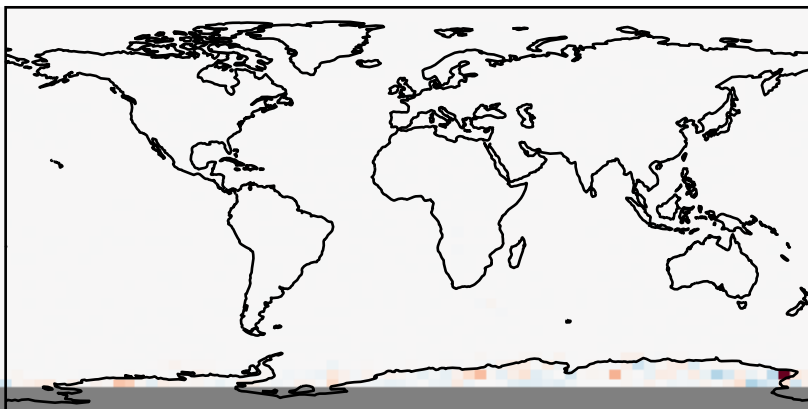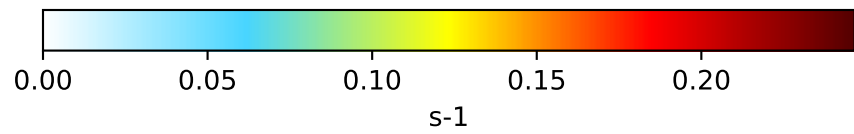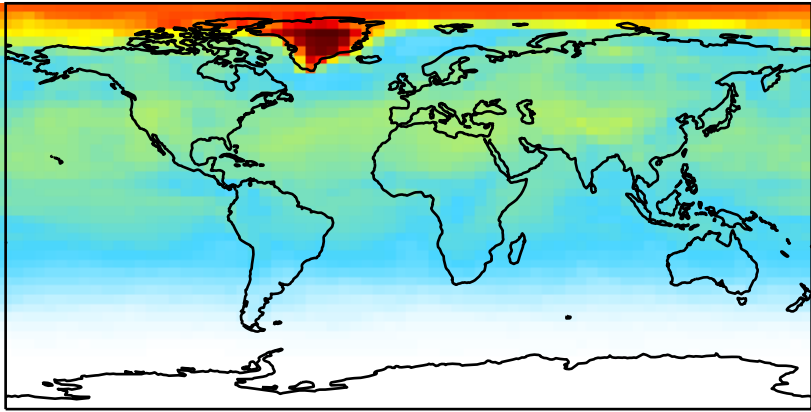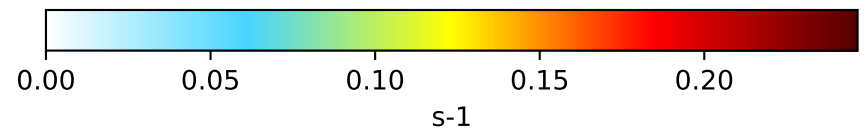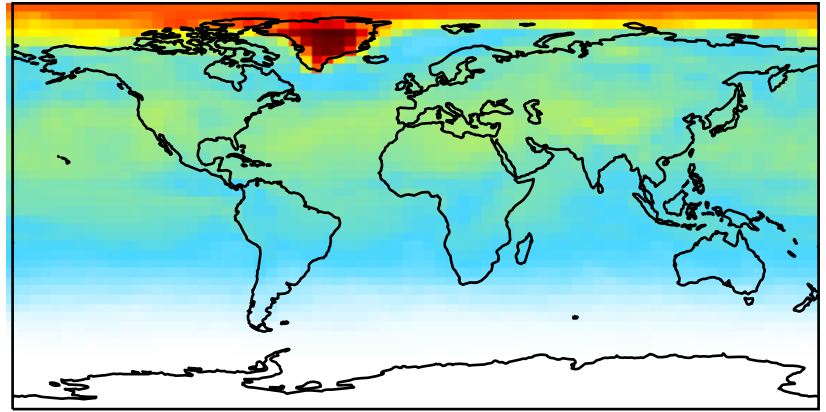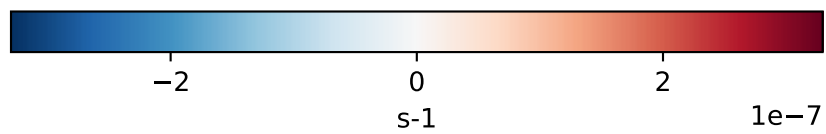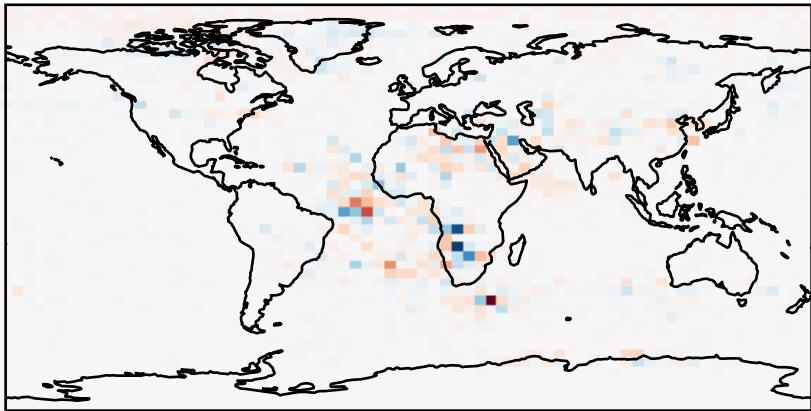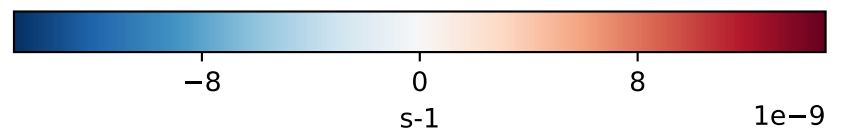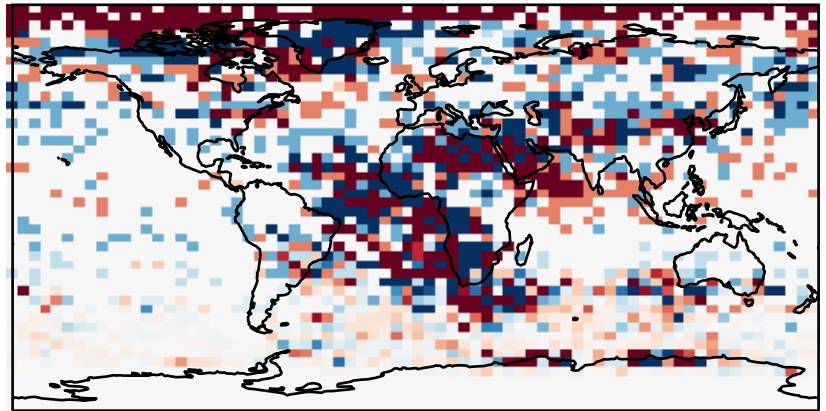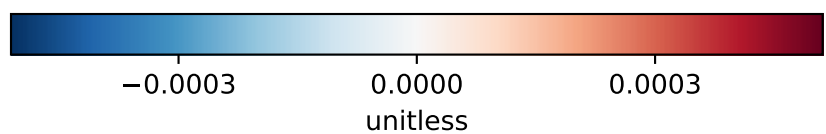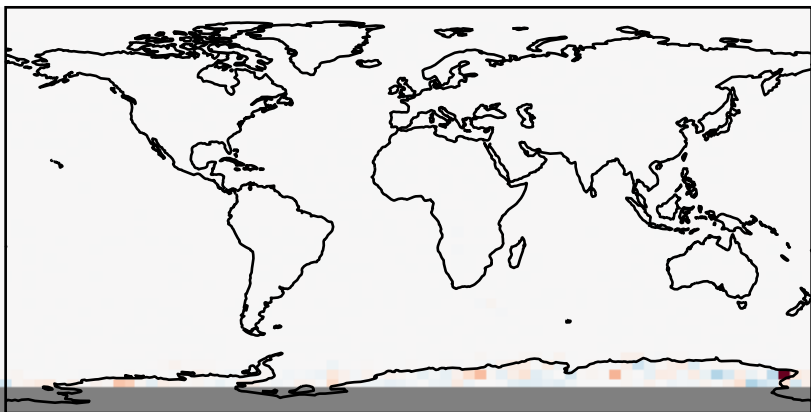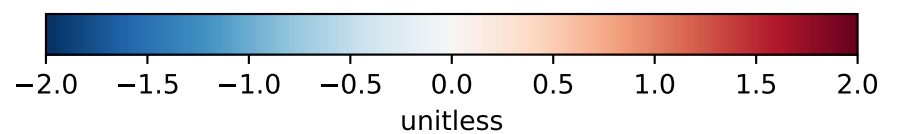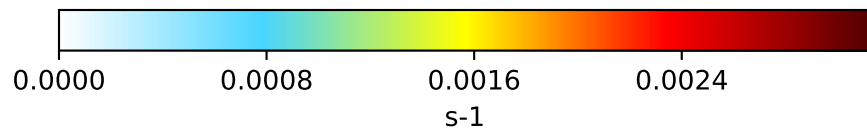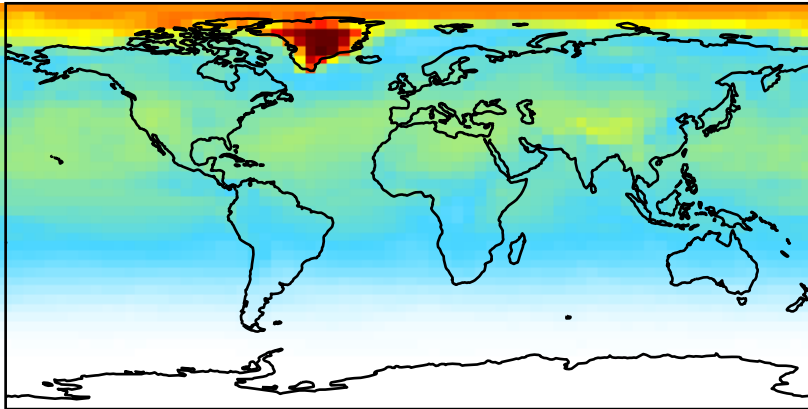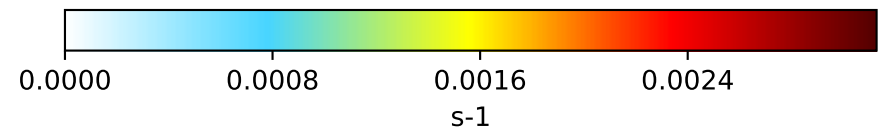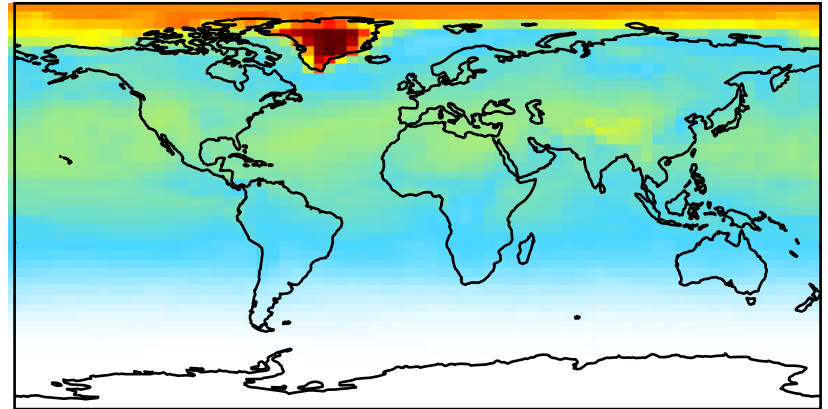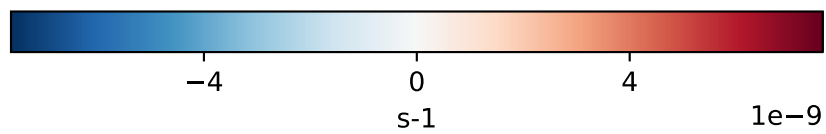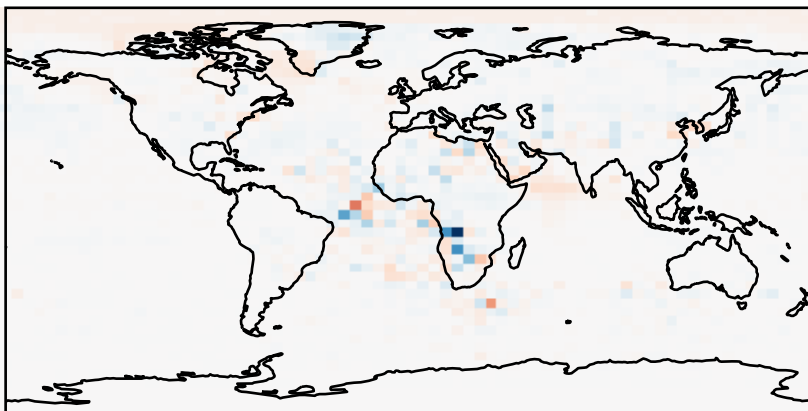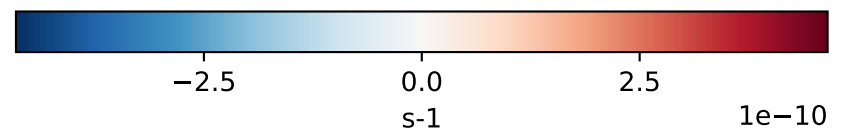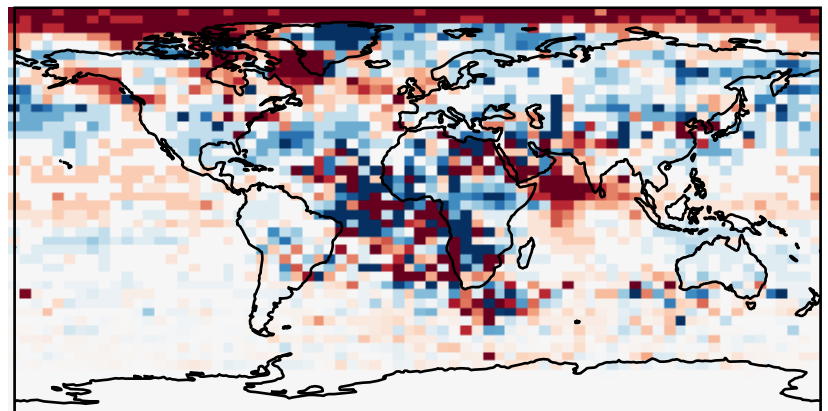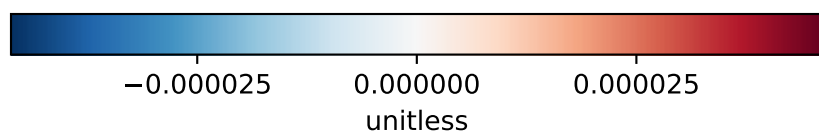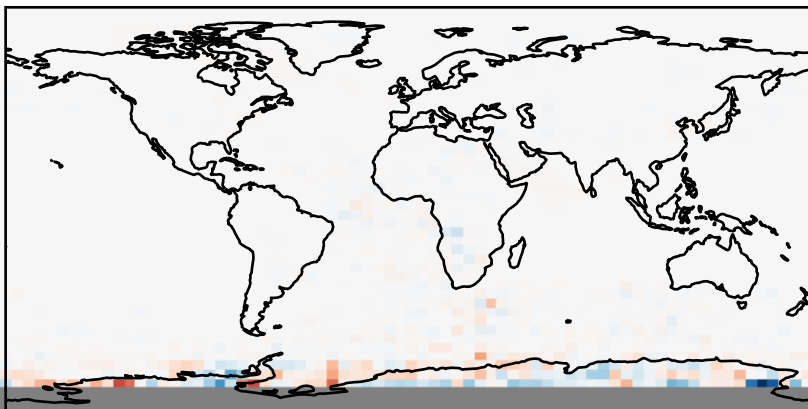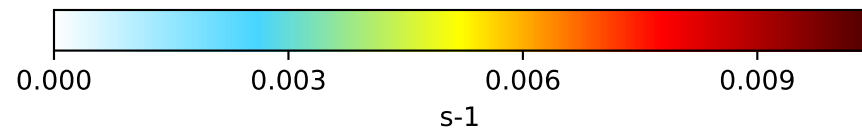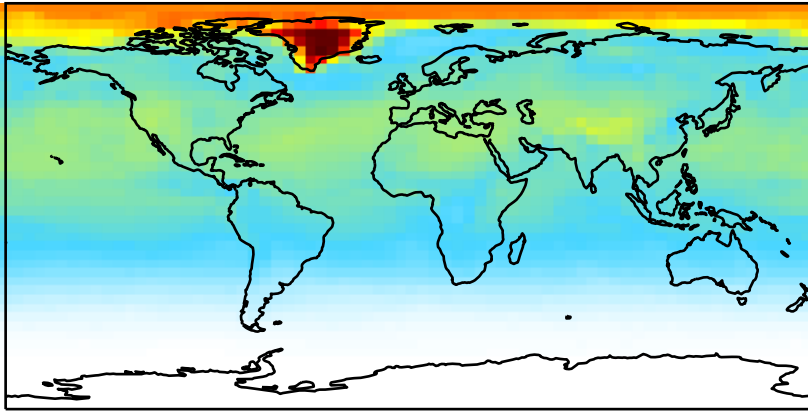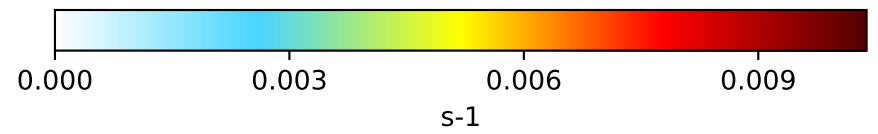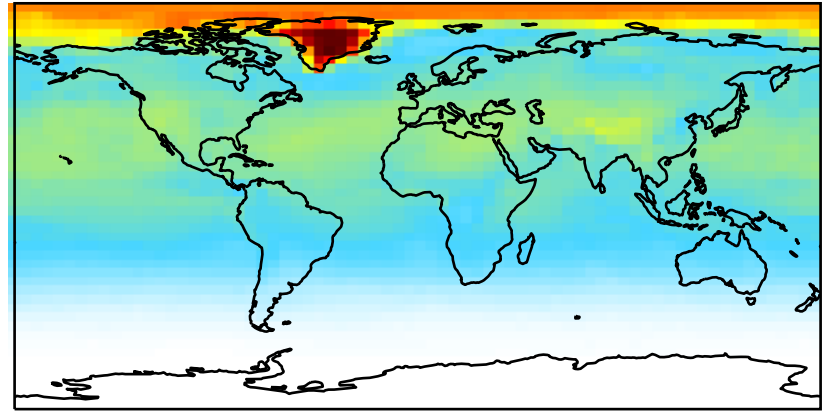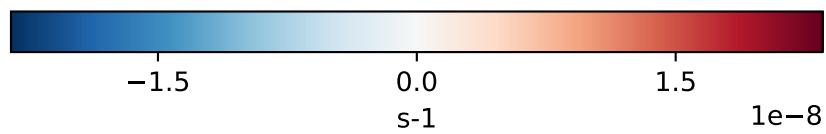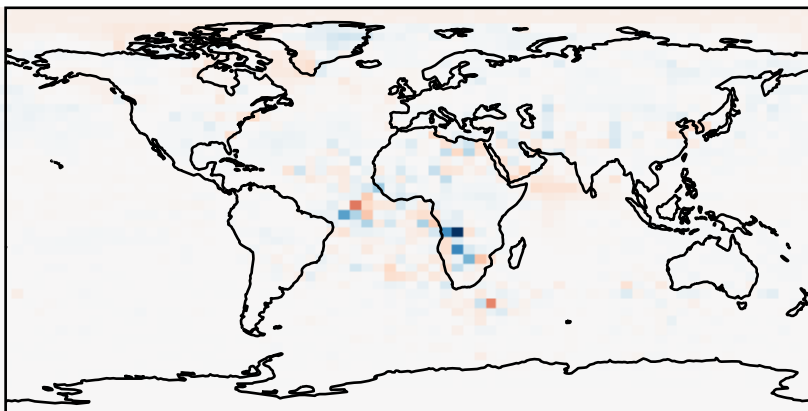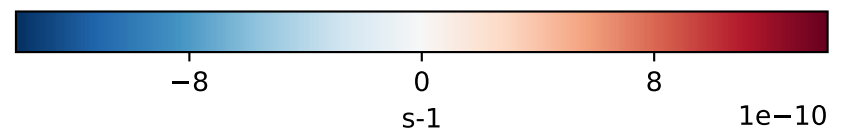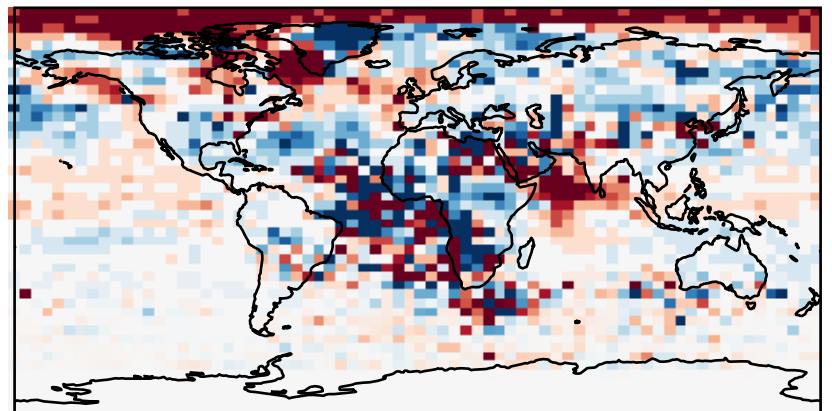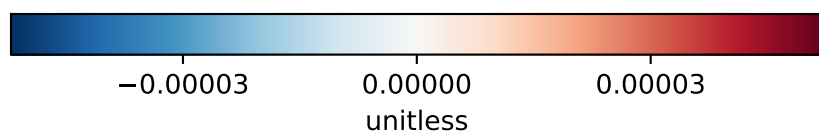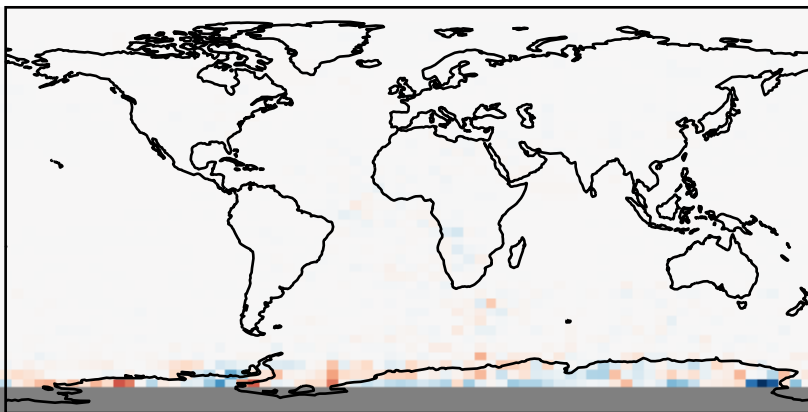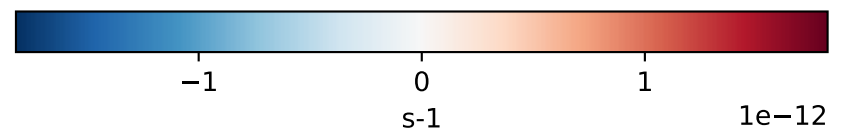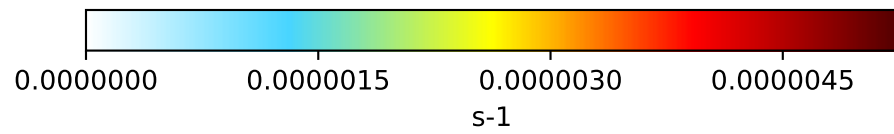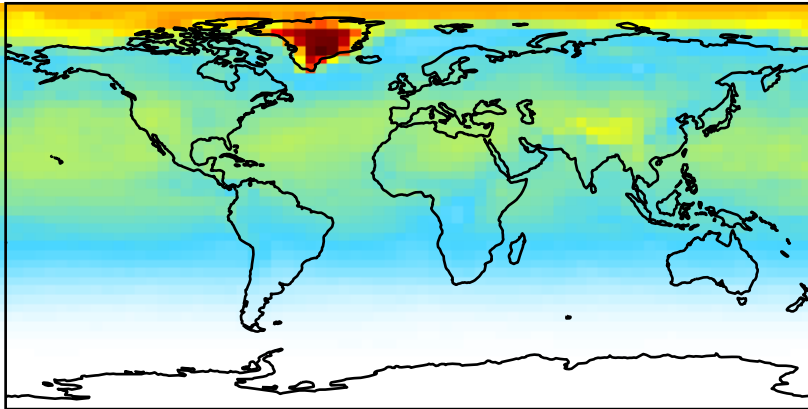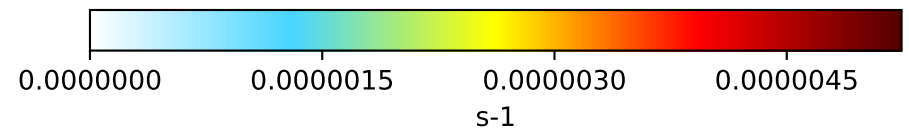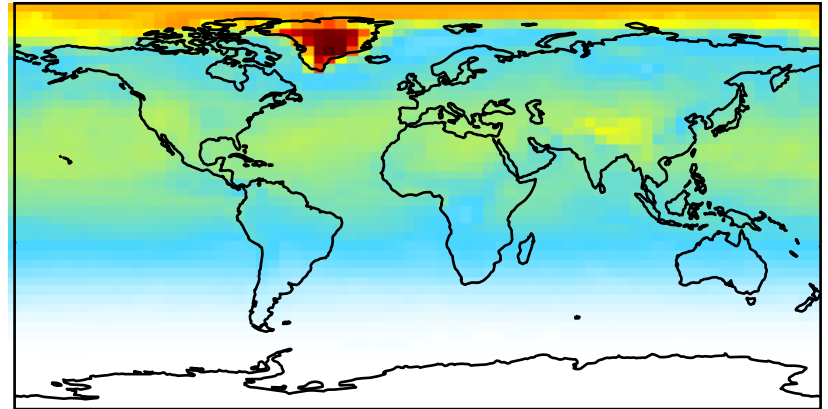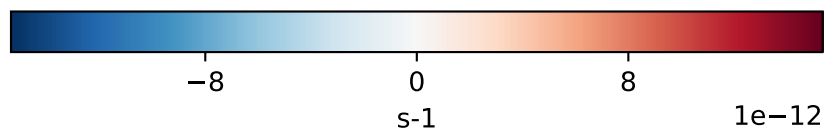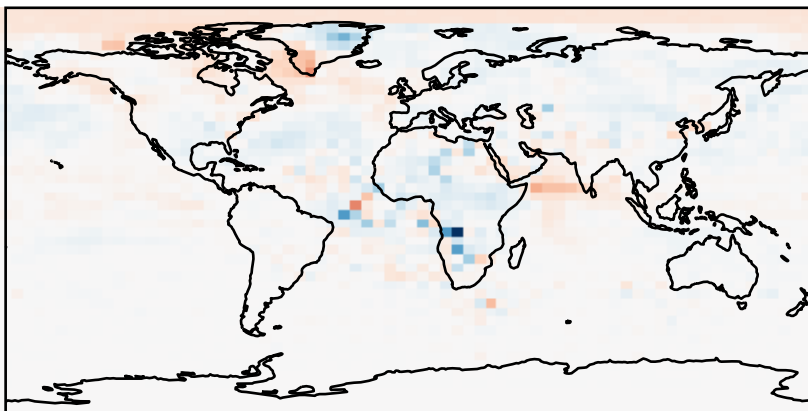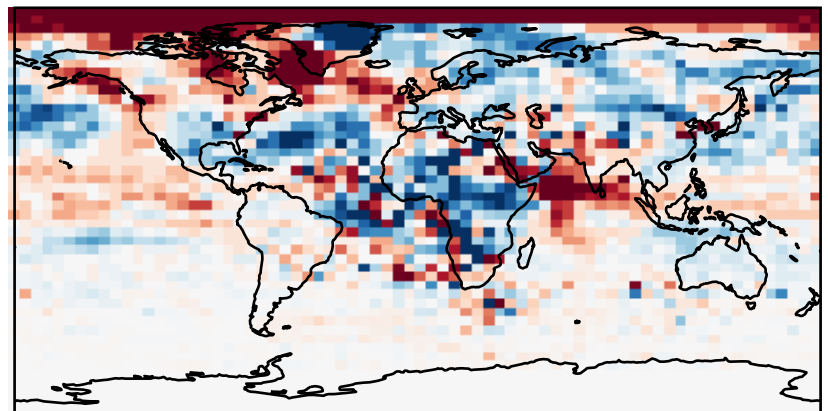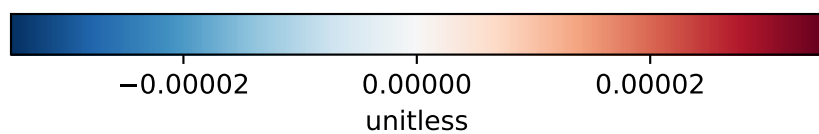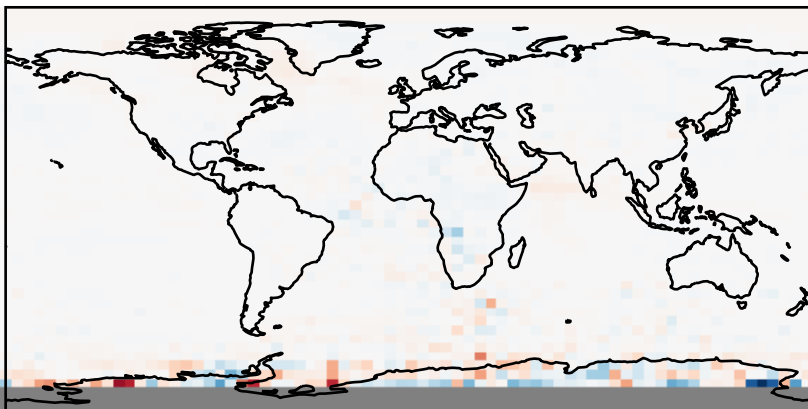4x5

GC_12.7.0-rc.2 (Dev)
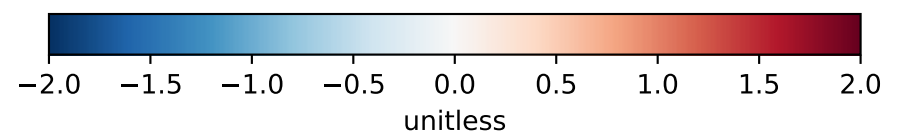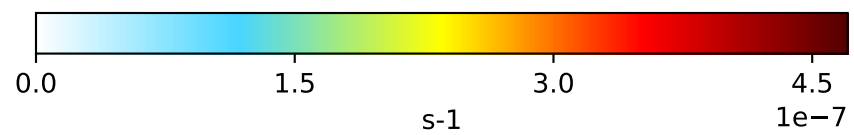4x5

Difference
Dev - Ref, Dynamic Range

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

Fractional Difference
(Dev-Ref)/Ref, Dynamic Range

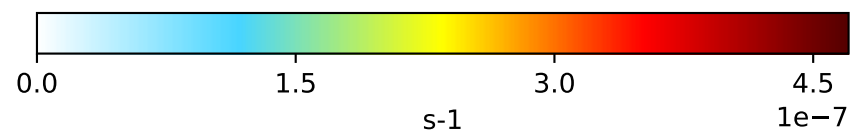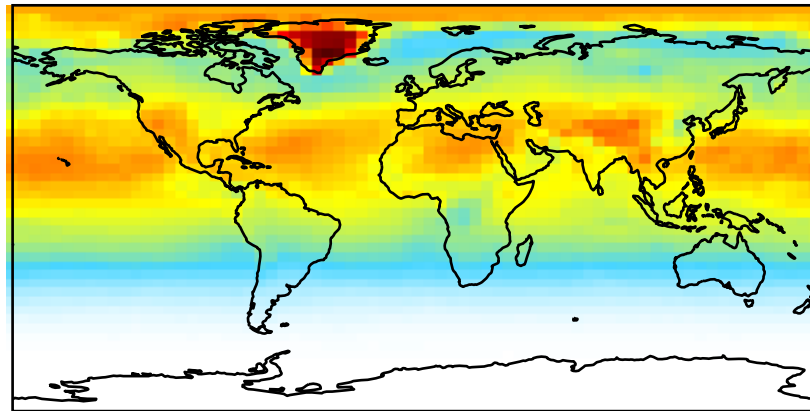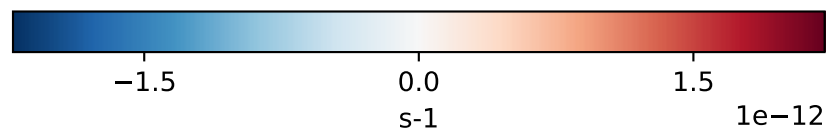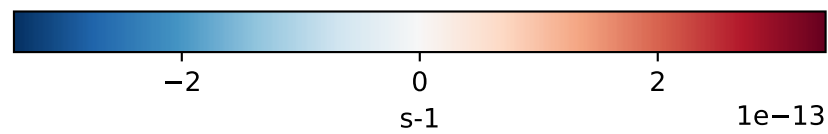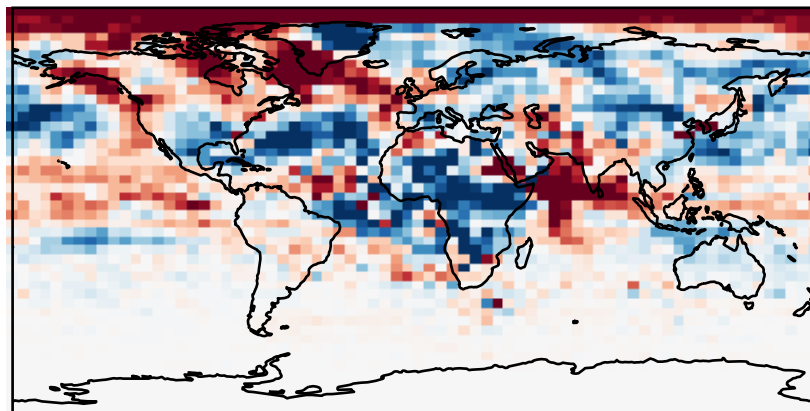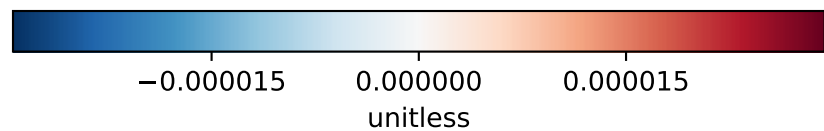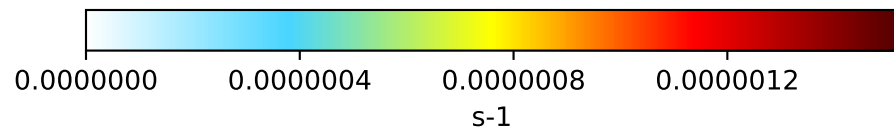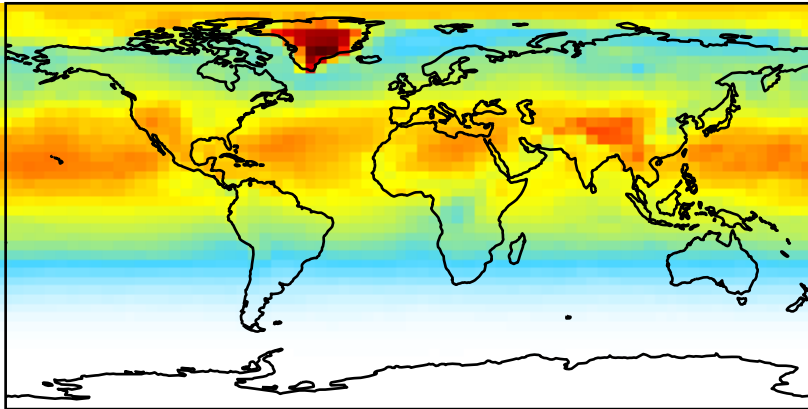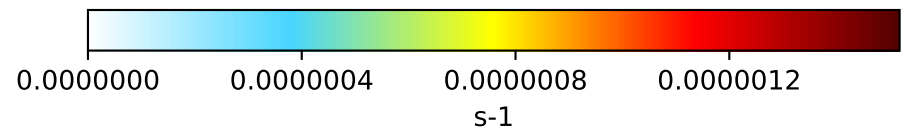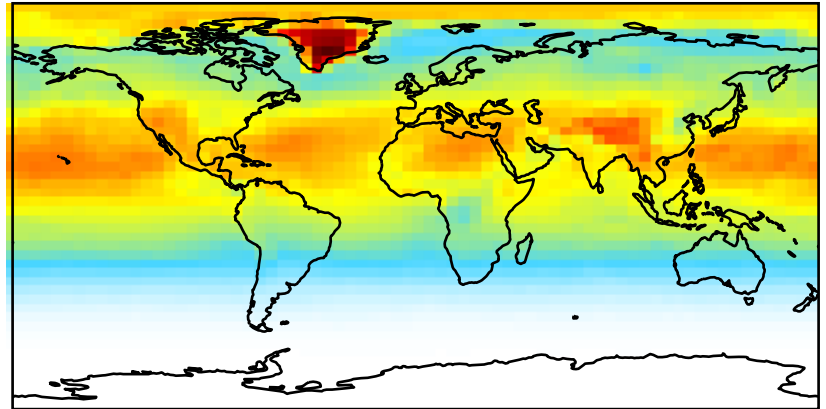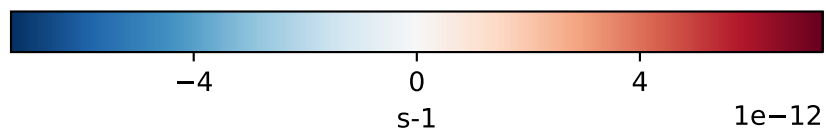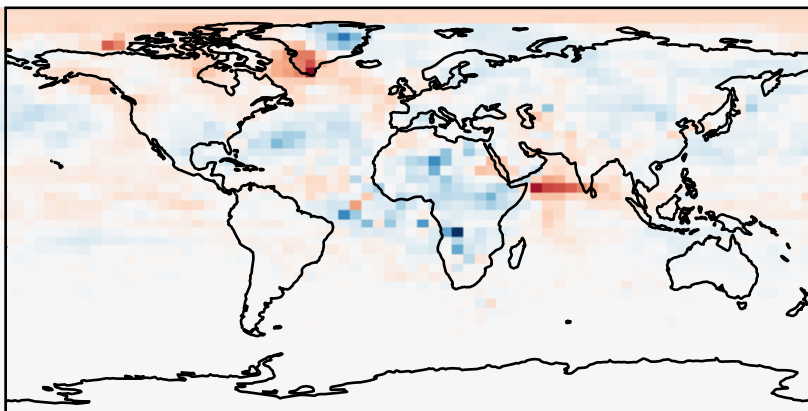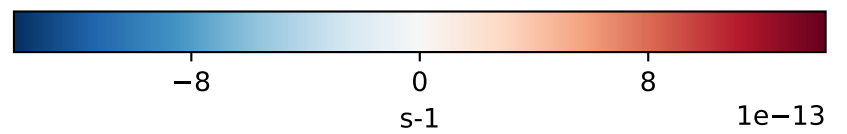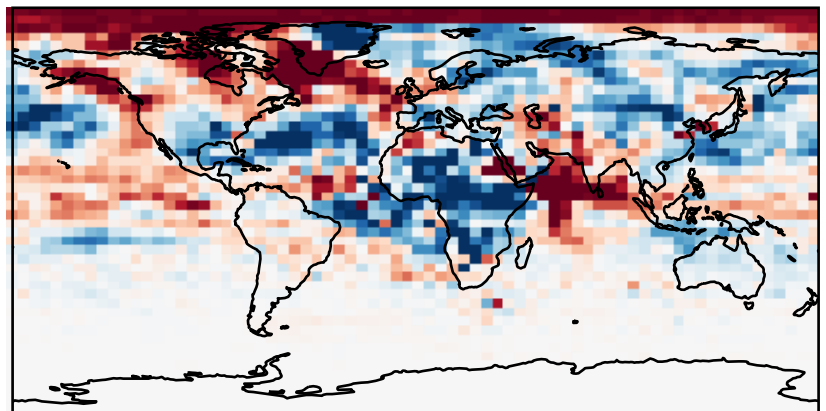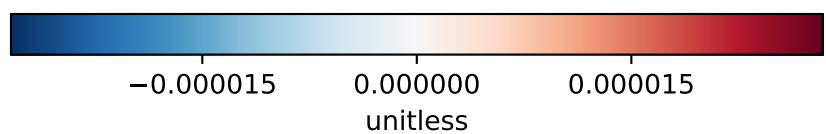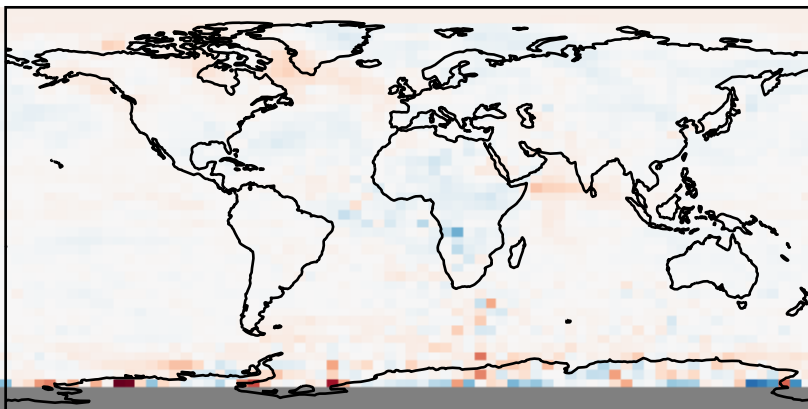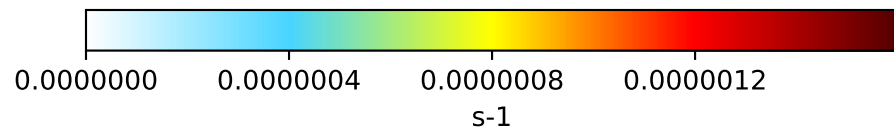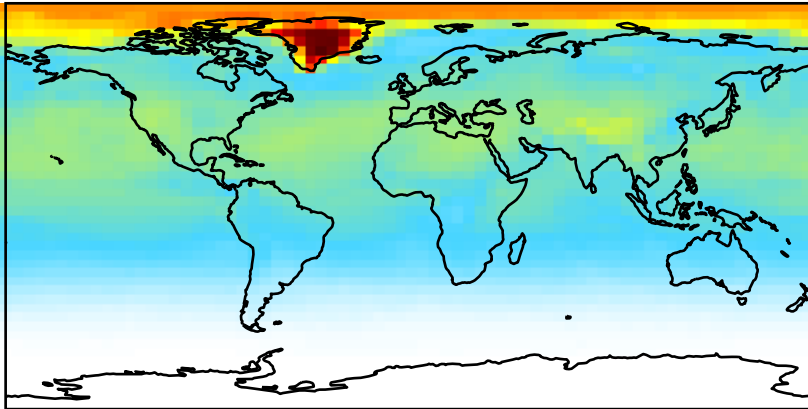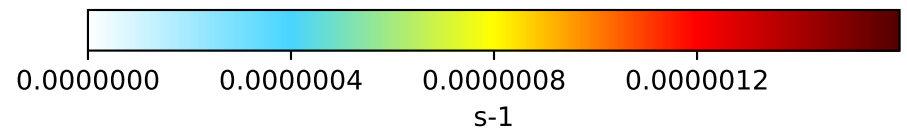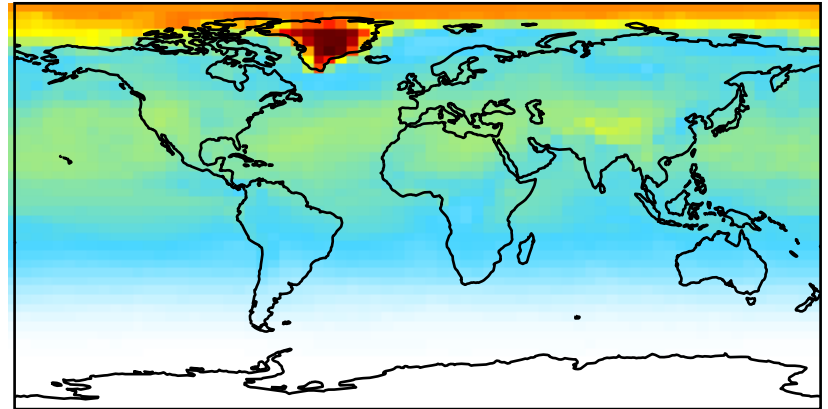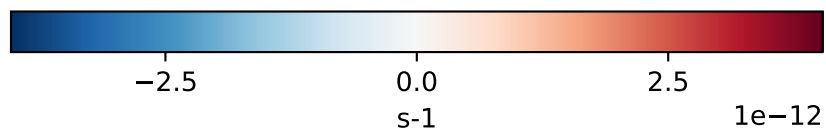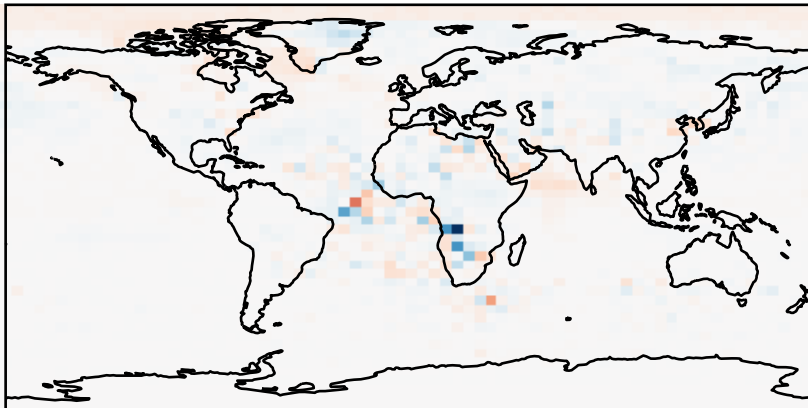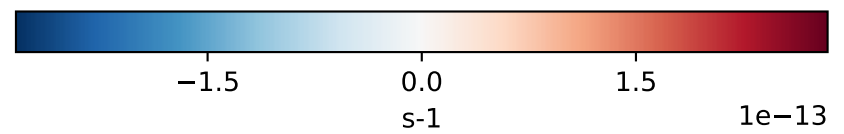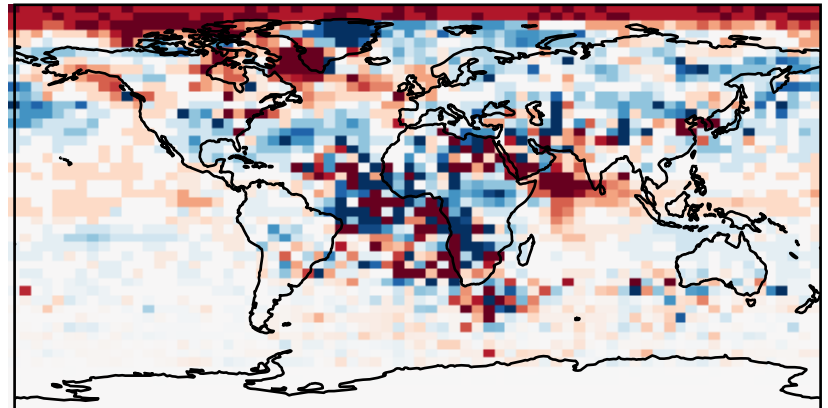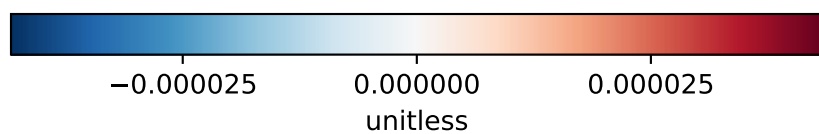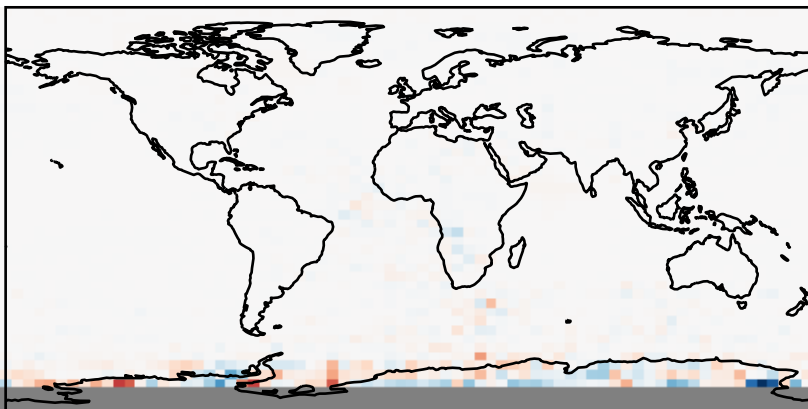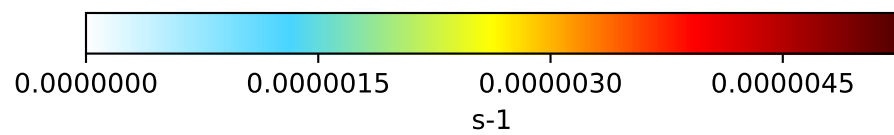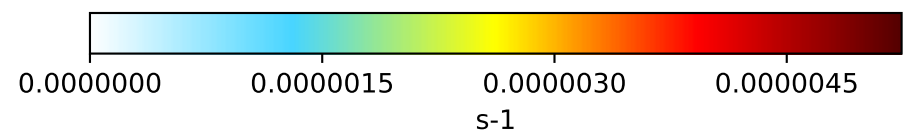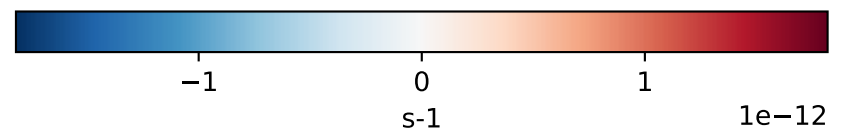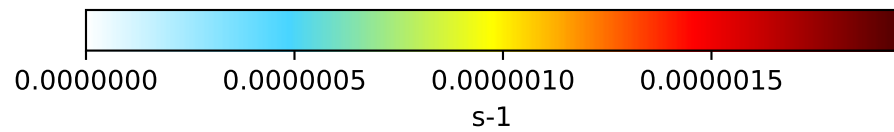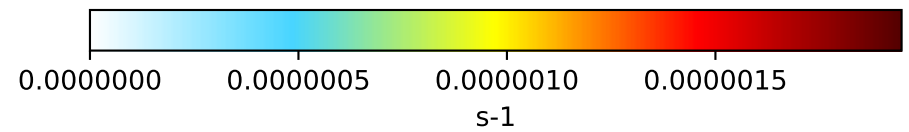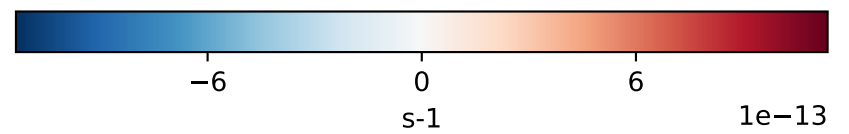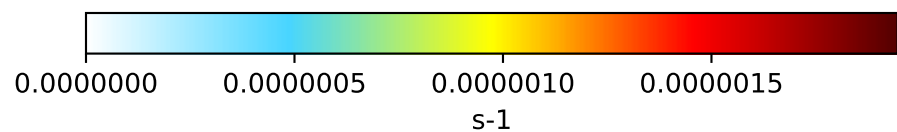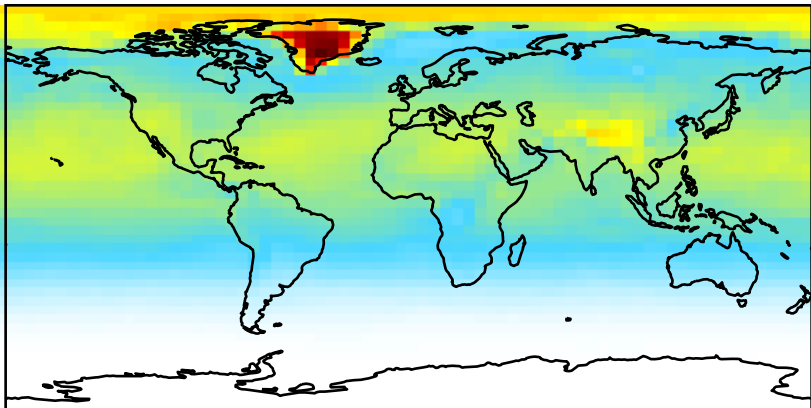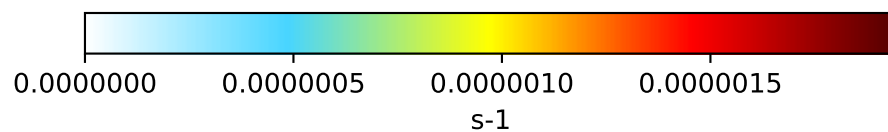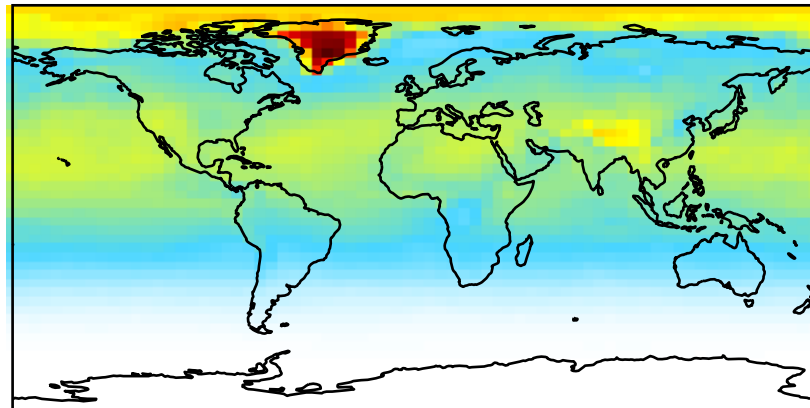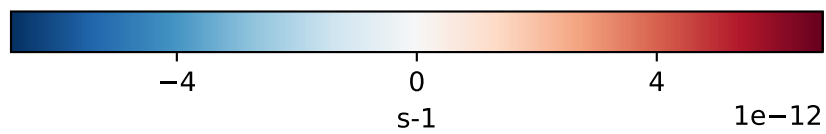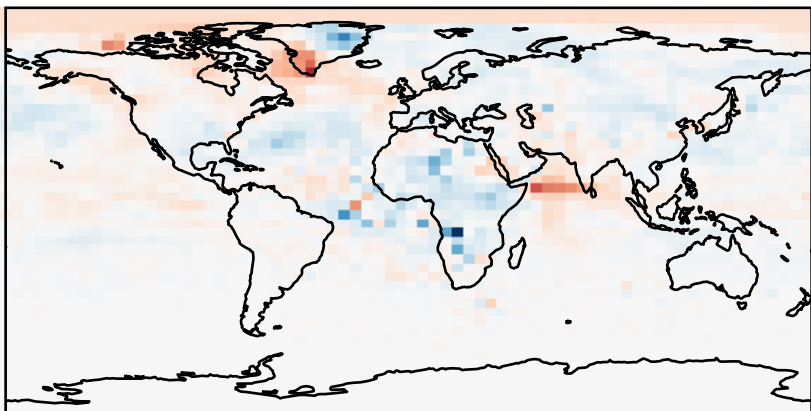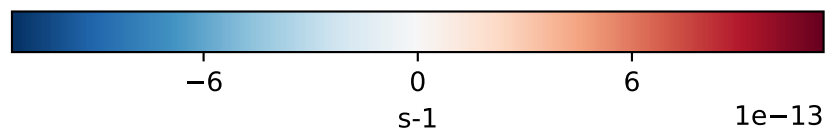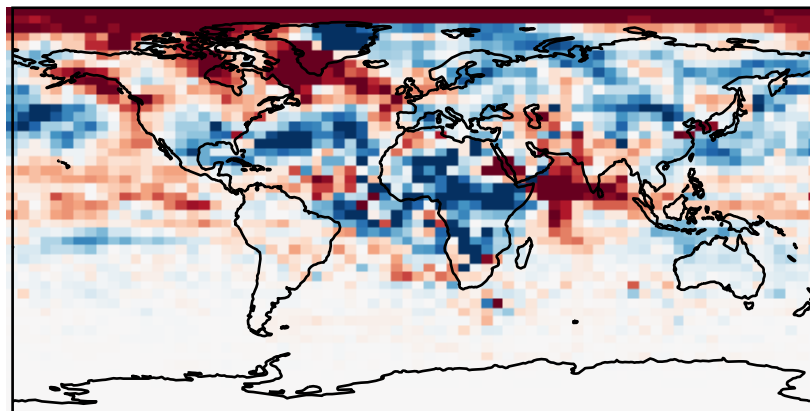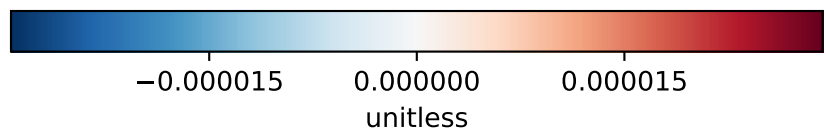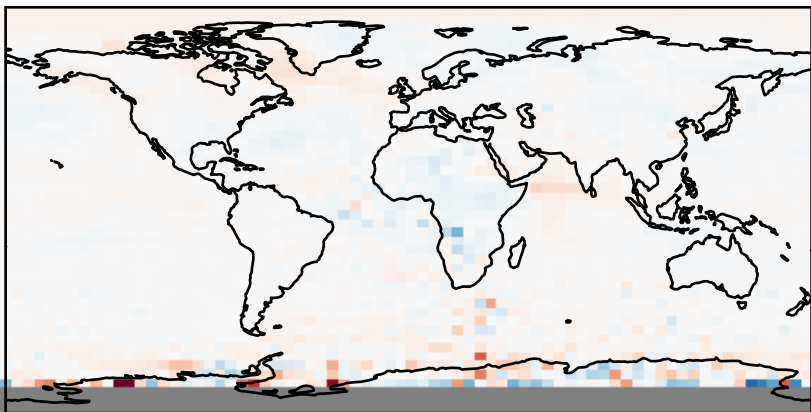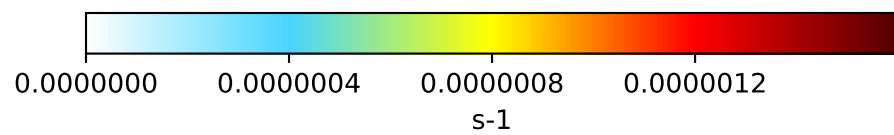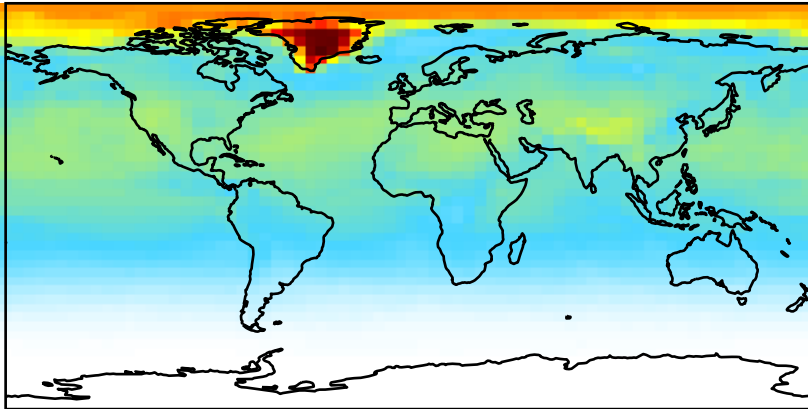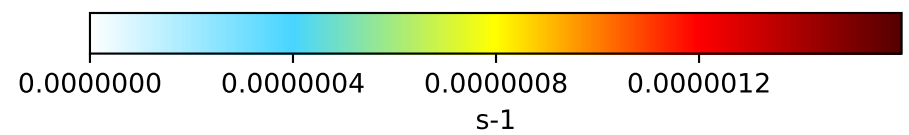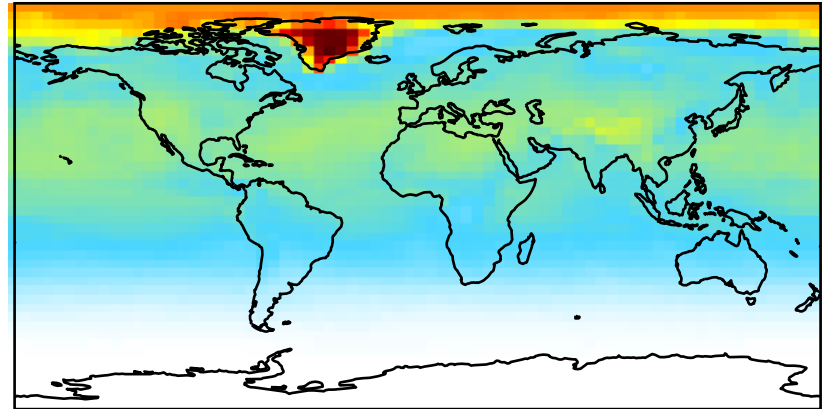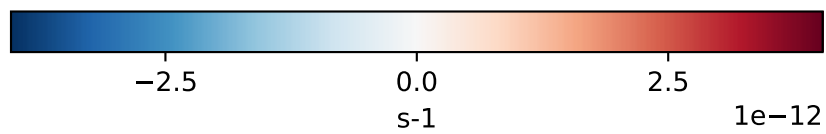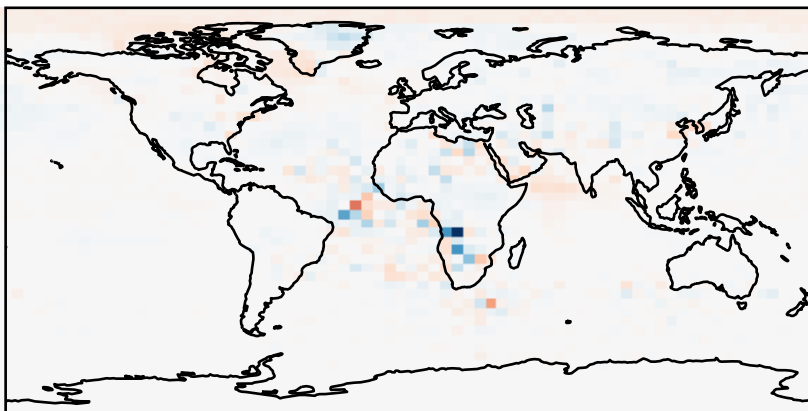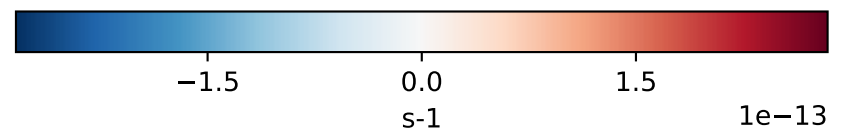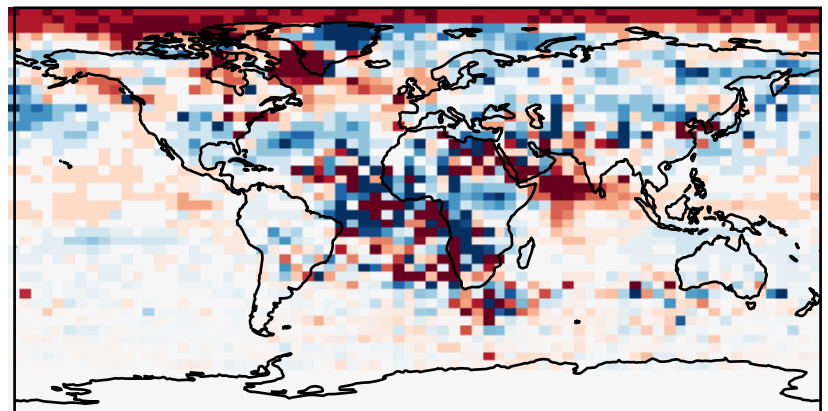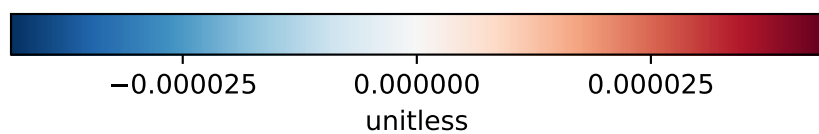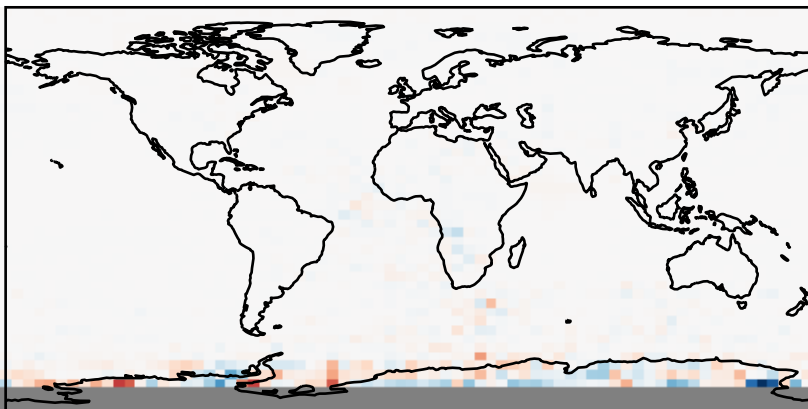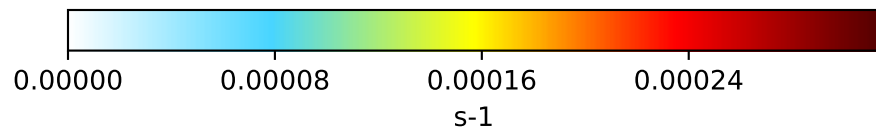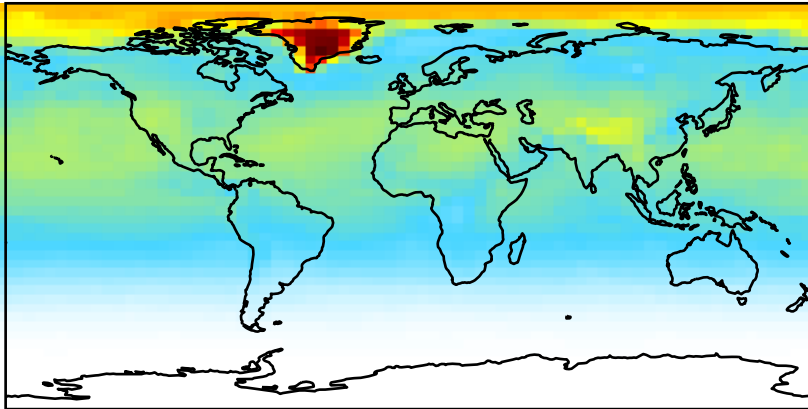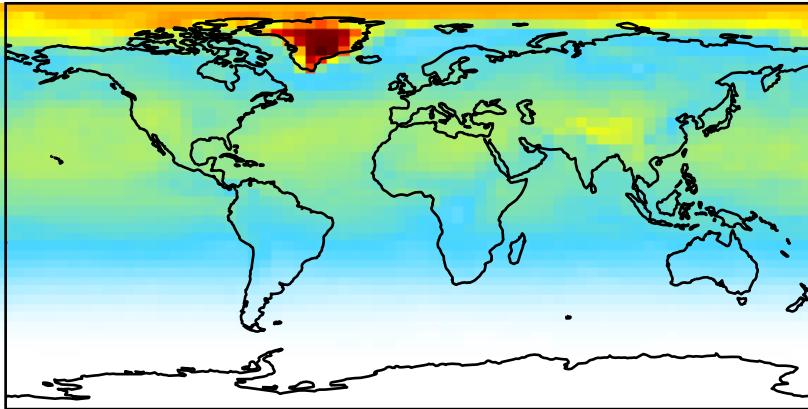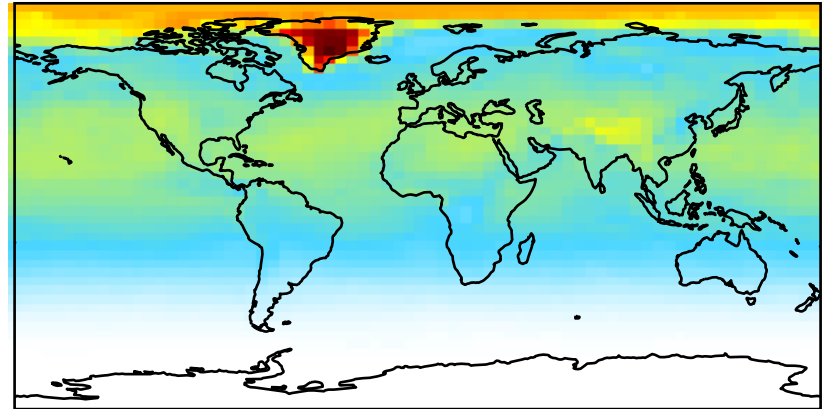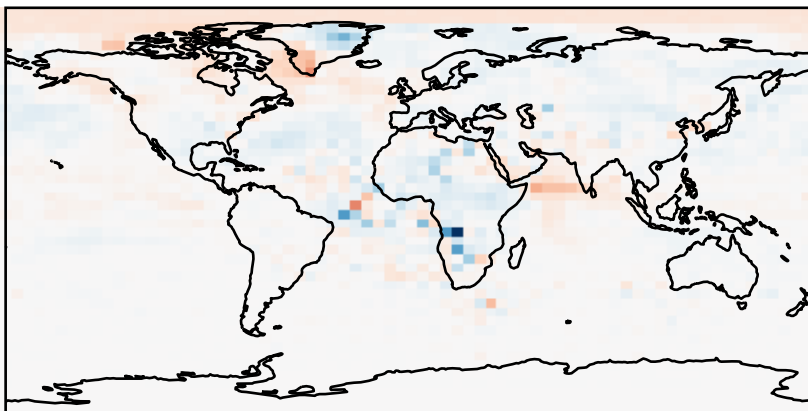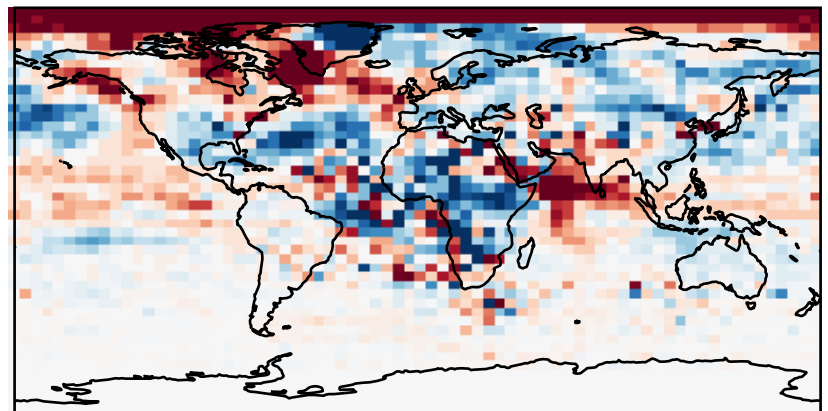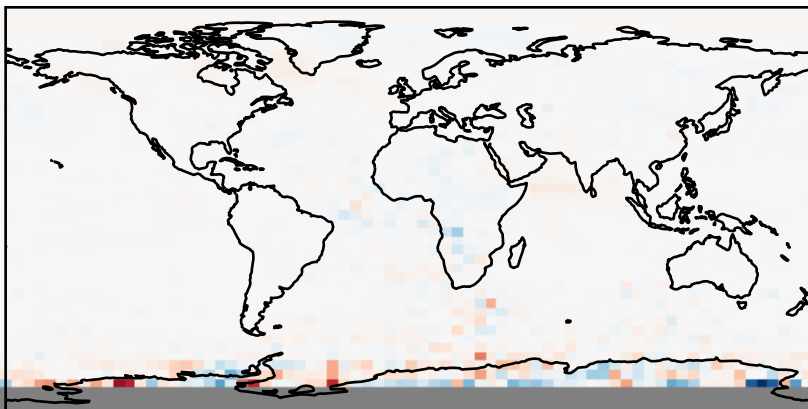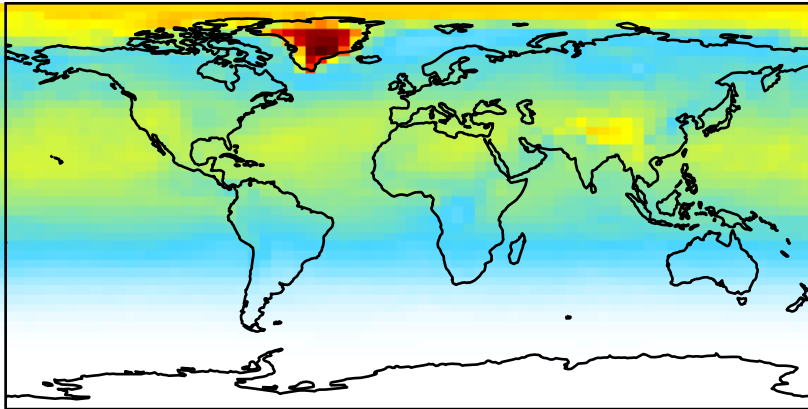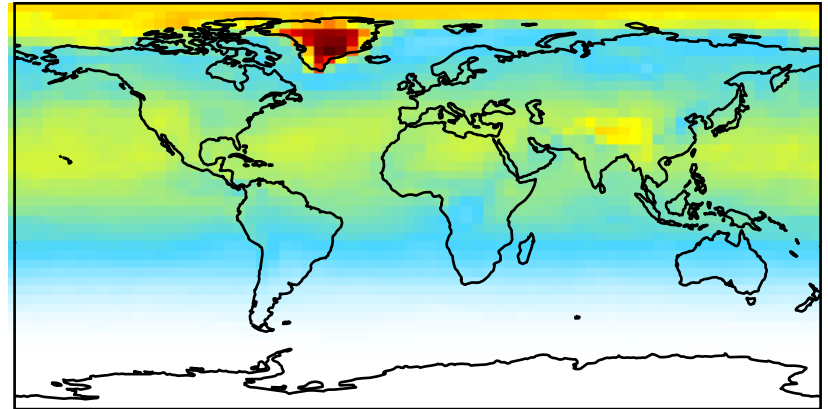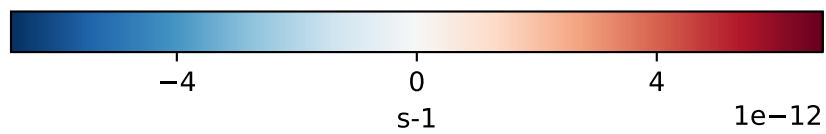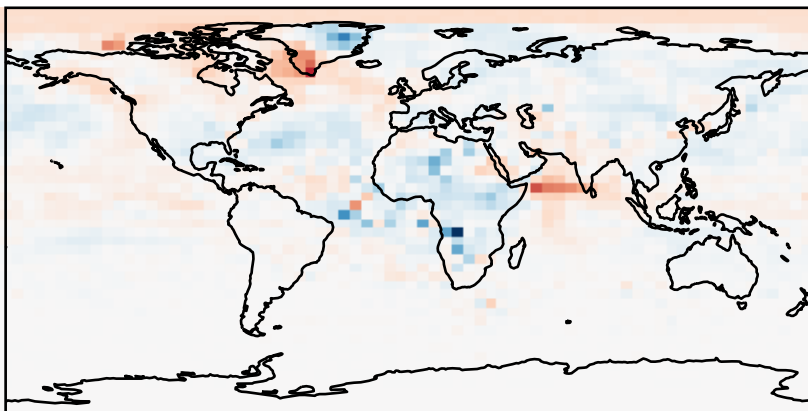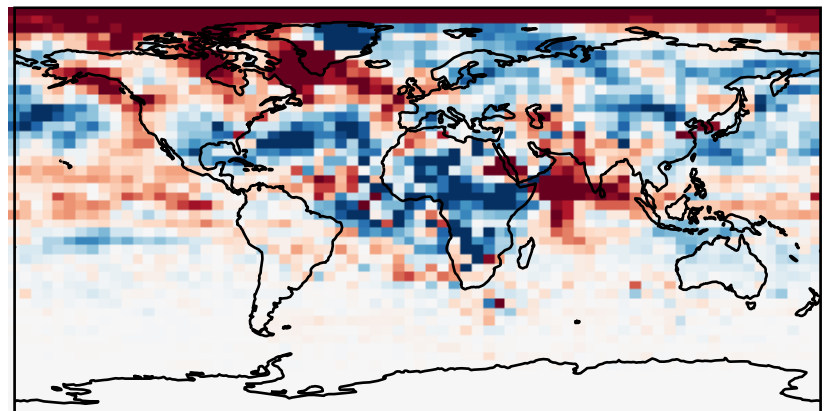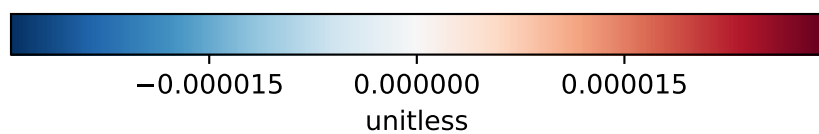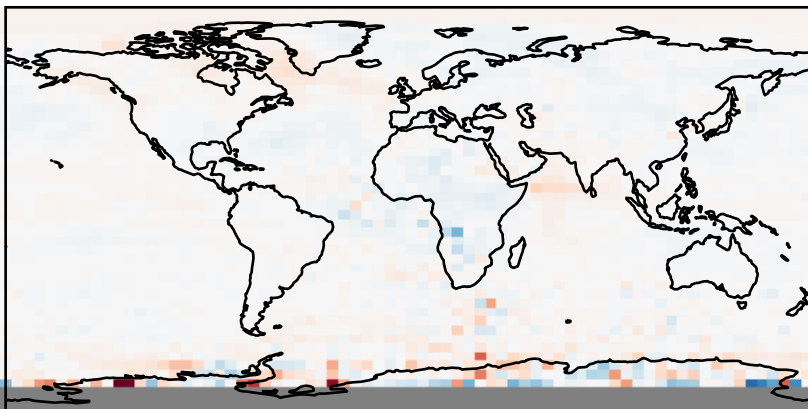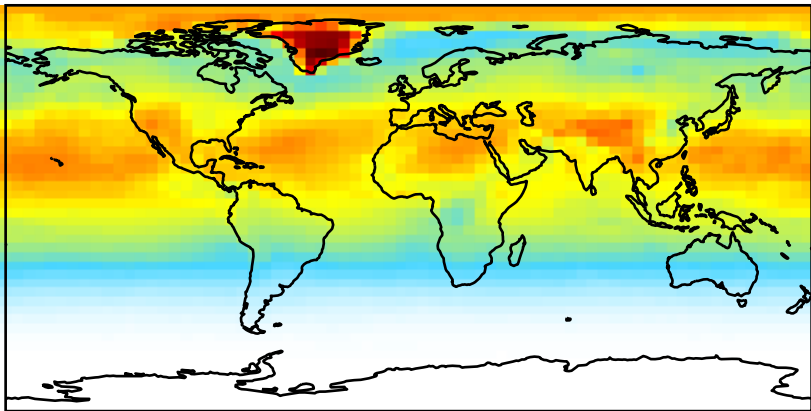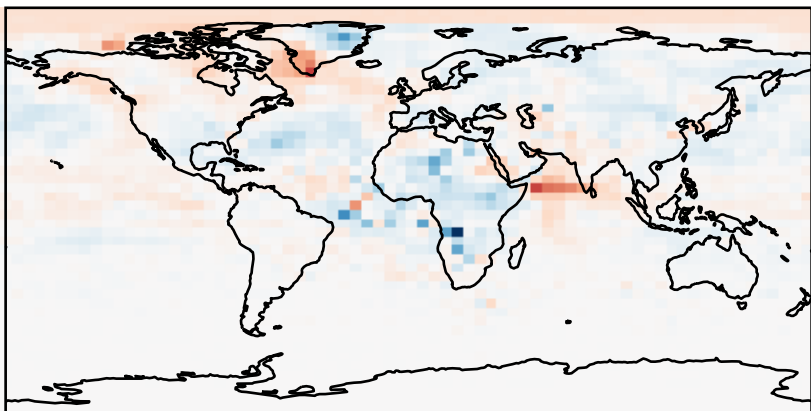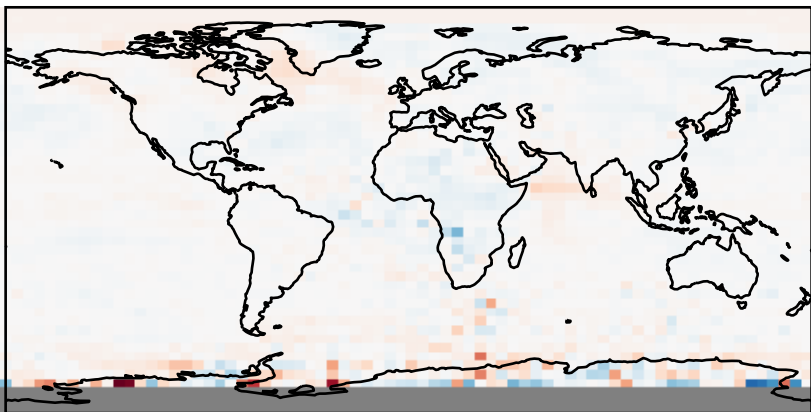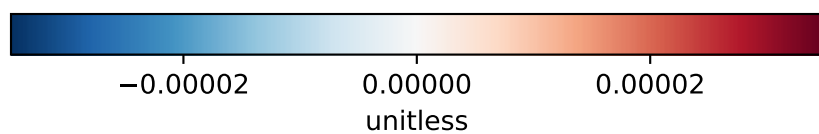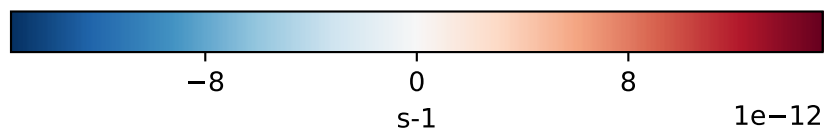Fractional 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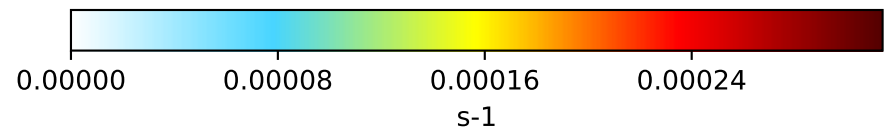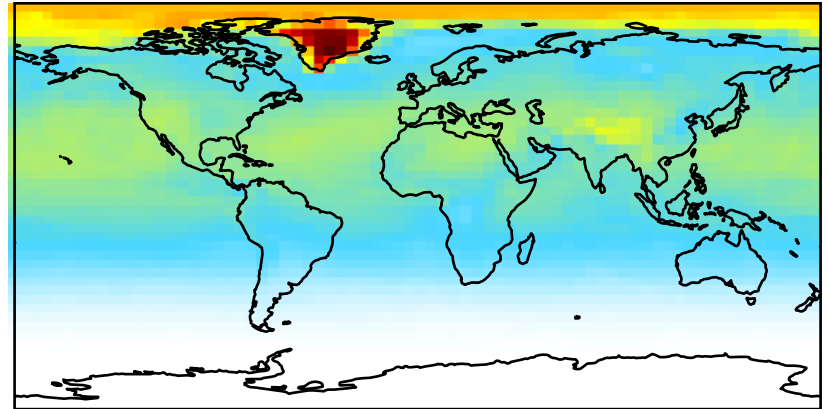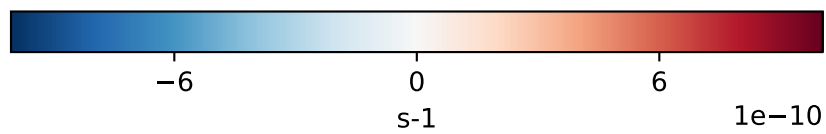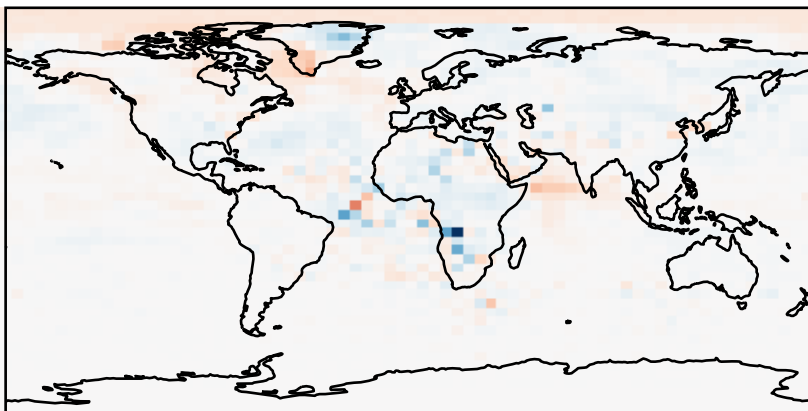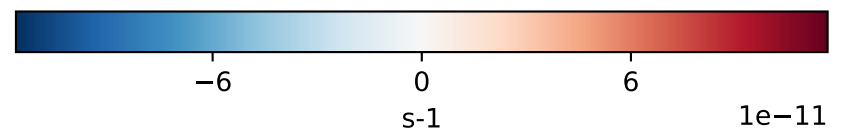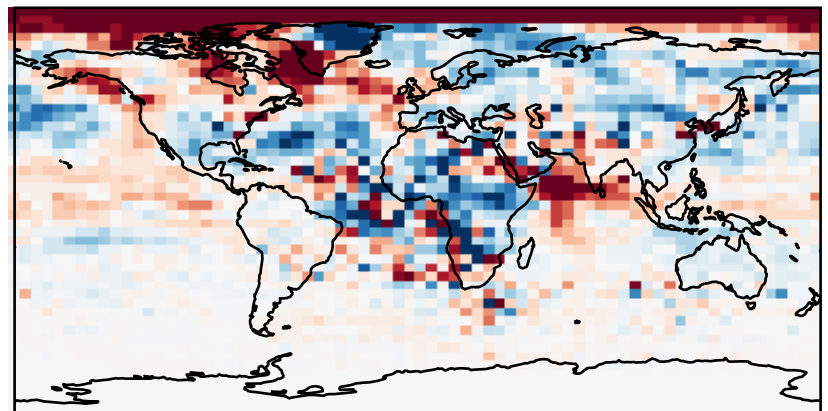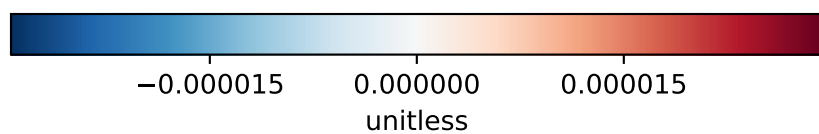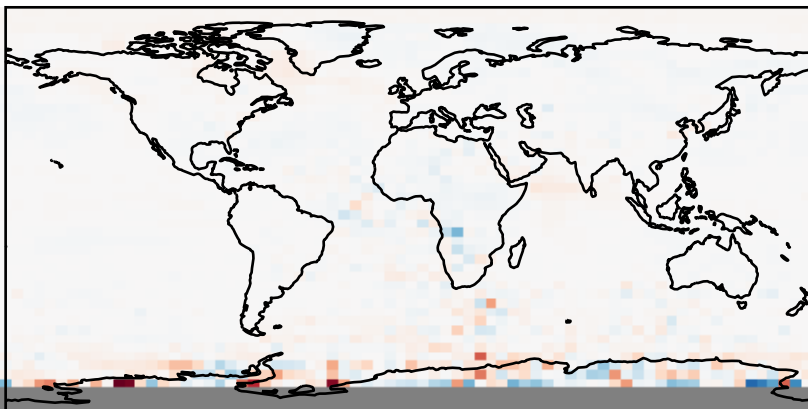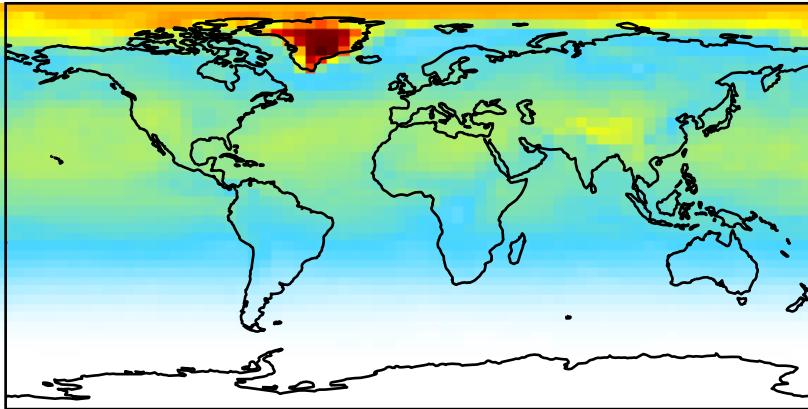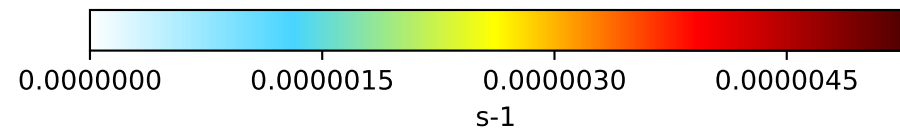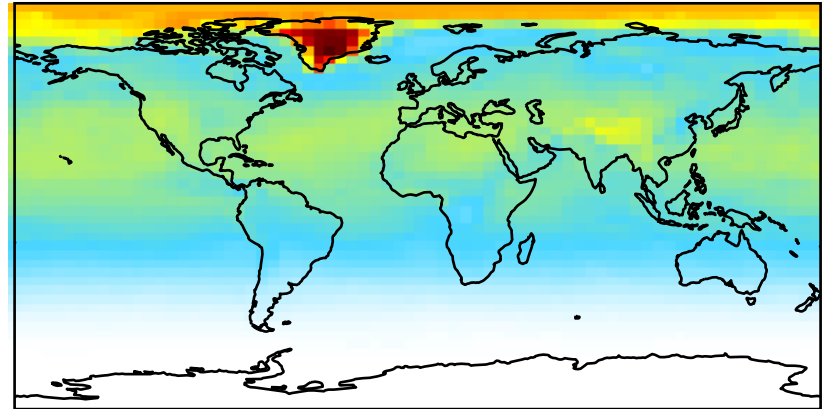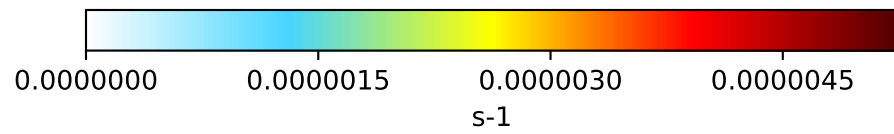(Dev-Ref)/Ref, Fixed Range

Jval_O3

GC_12.7.0-rc.1 (Ref)
4x5

Zero throughout domain
s-1

GC_12.7.0-rc.2 (Dev)
4x5

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

Fractional Difference
(Dev-Ref)/Ref, Dynamic Range

Undefined throughout domain
unitless

Fractional Difference
(Dev-Ref)/Ref, Fixed Range

Undefined throughout domain
unitless

Jval_O3O1D
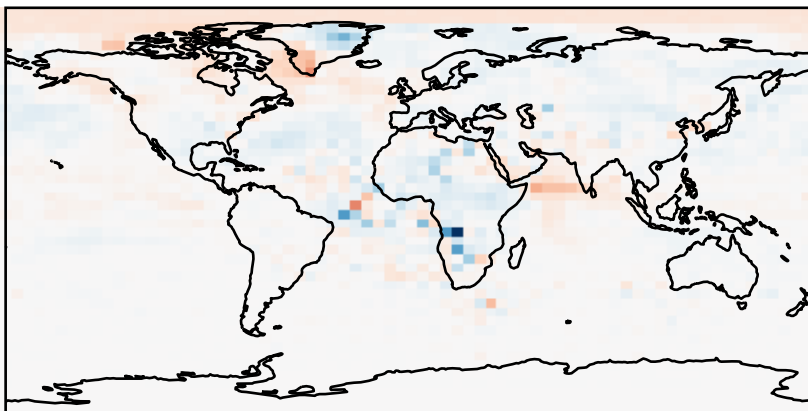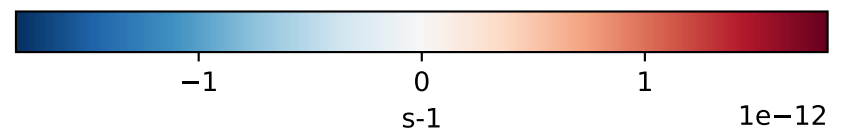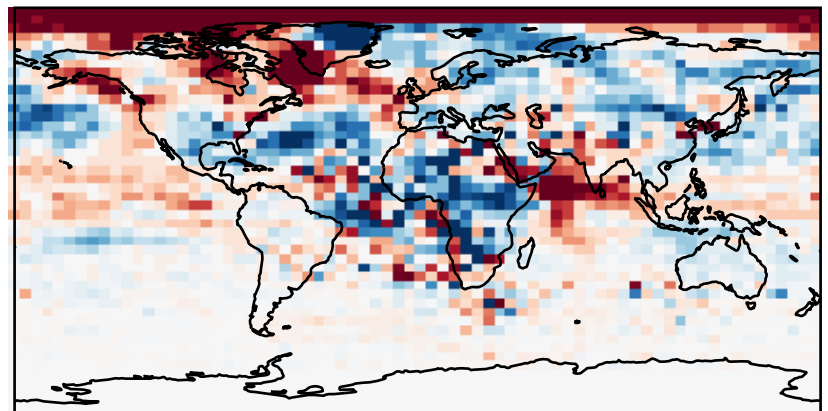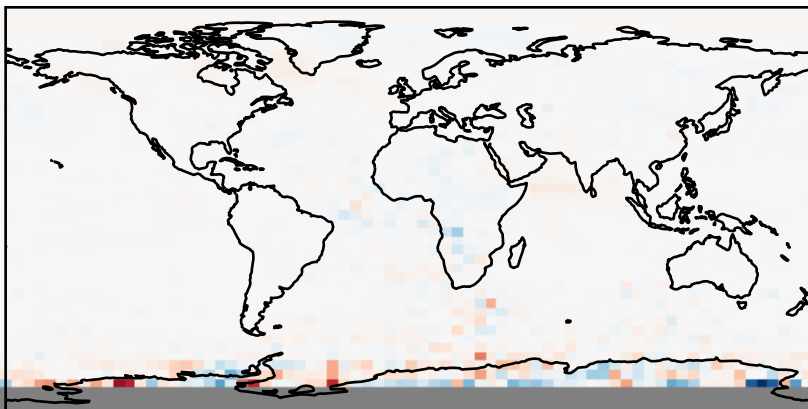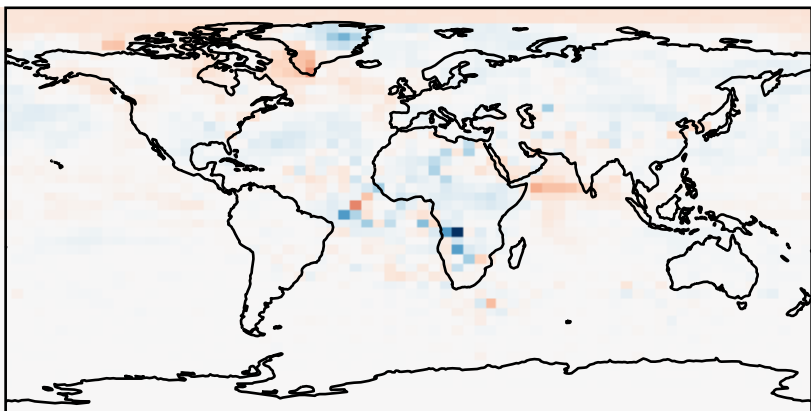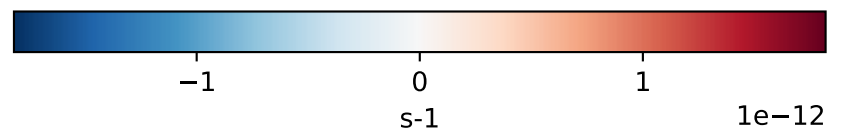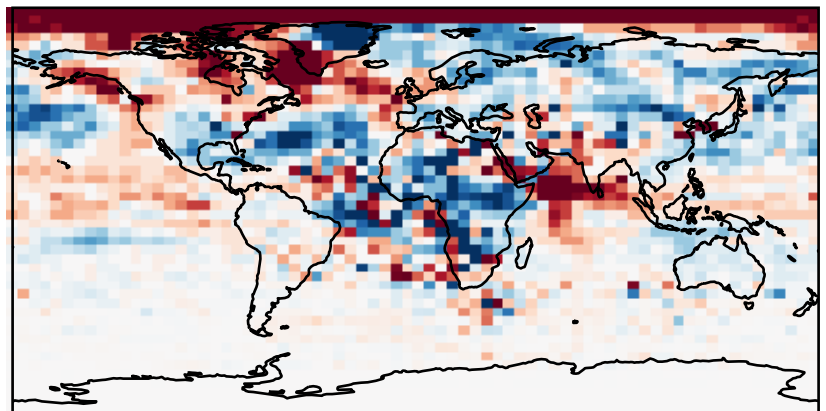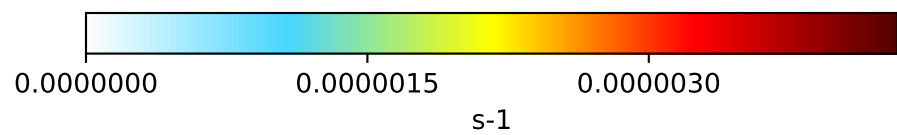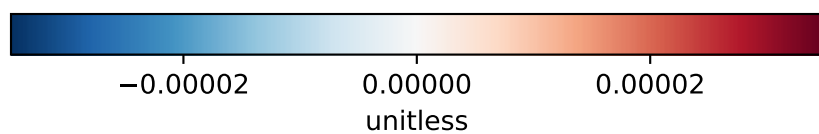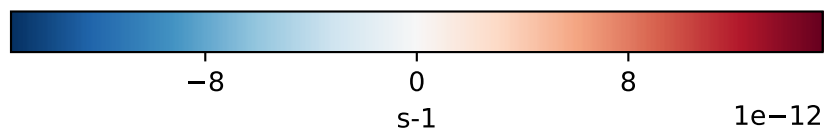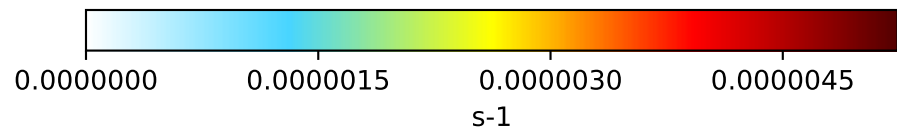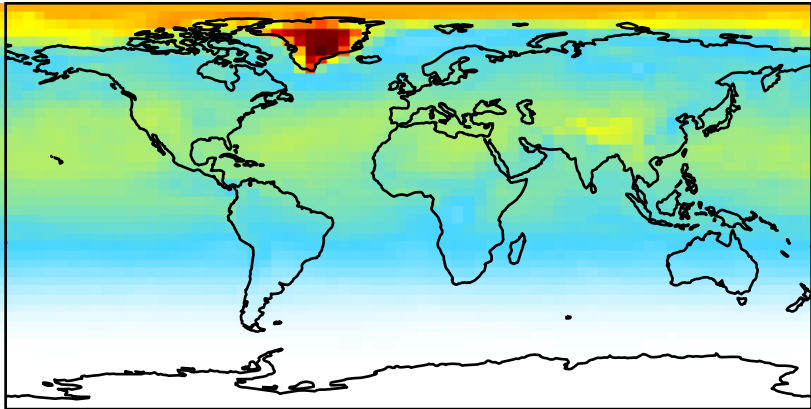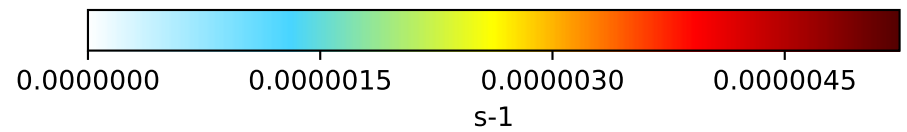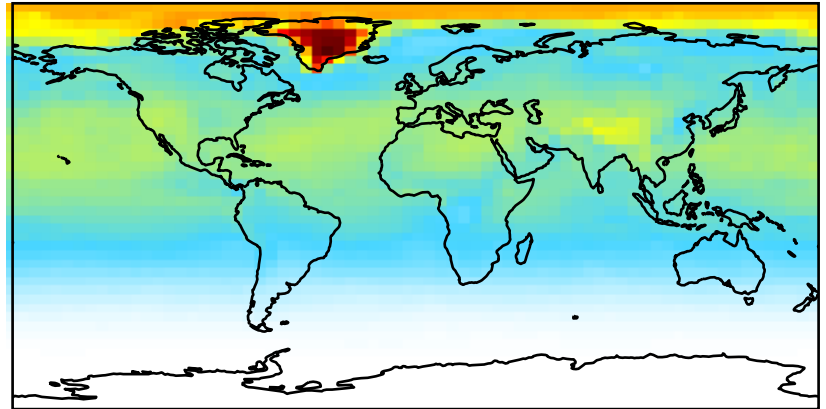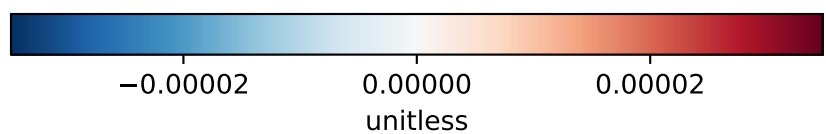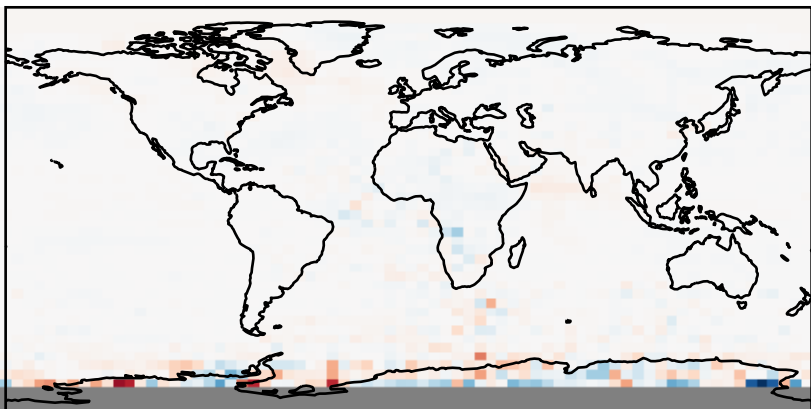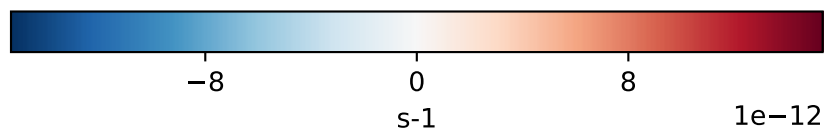
Jval_O3O3P

Jval_OCS

Jval_OClO

Jval_OIO

Jval_PAN

GC_12.7.0-rc.1 (Ref)
4x5

GC_12.7.0-rc.2 (Dev)
4x5

s-1

s-1

Difference
Dev - Ref, Dynamic Range

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

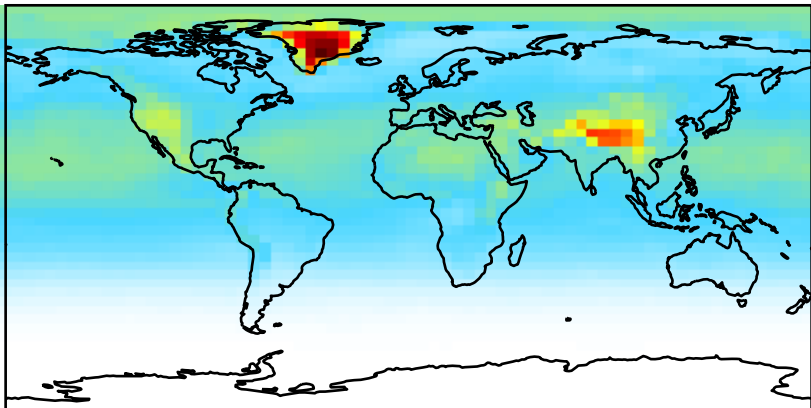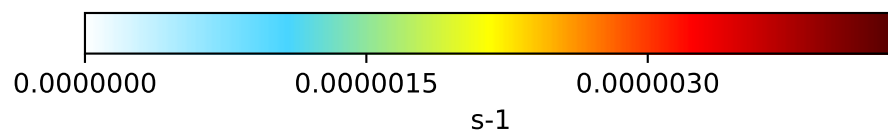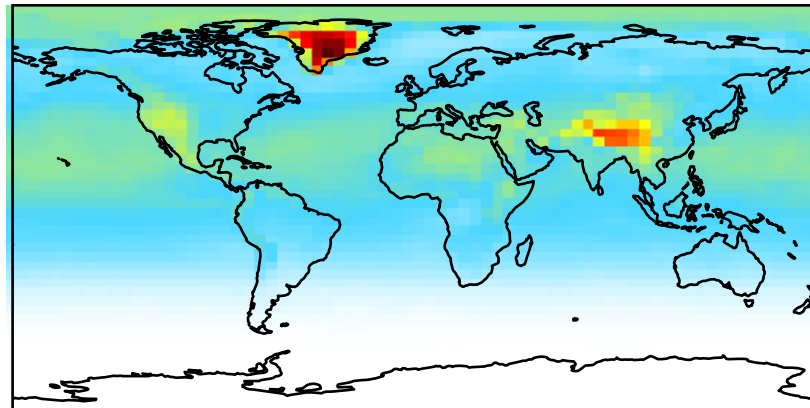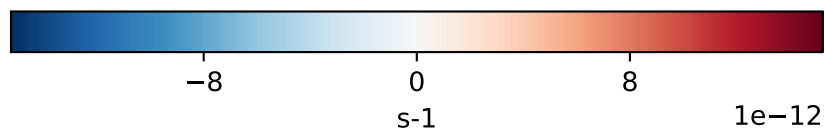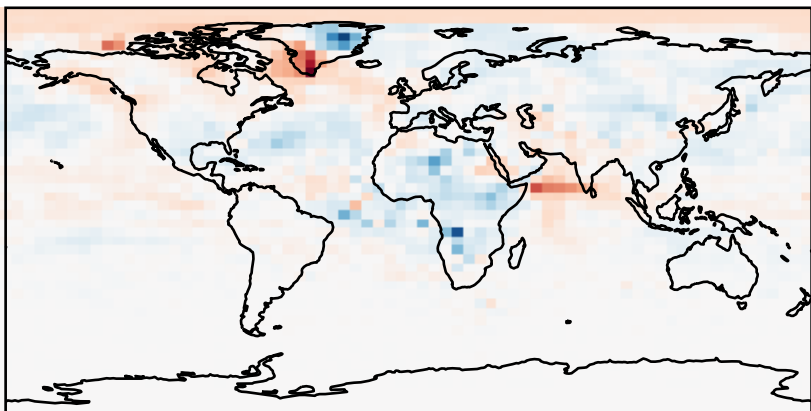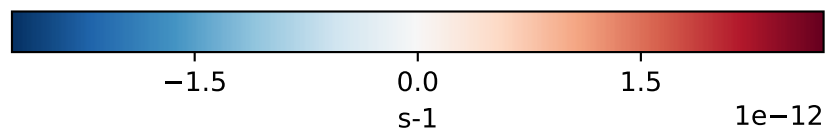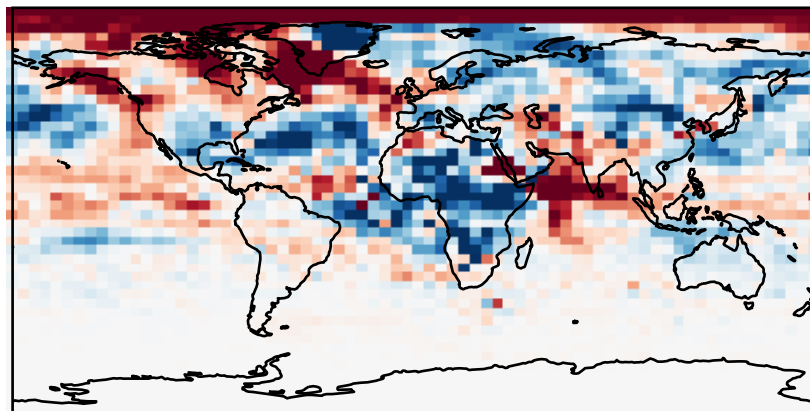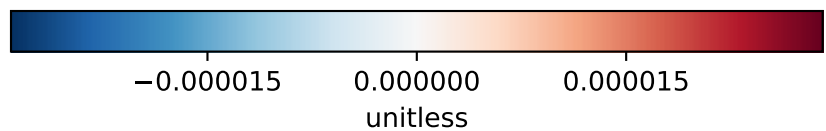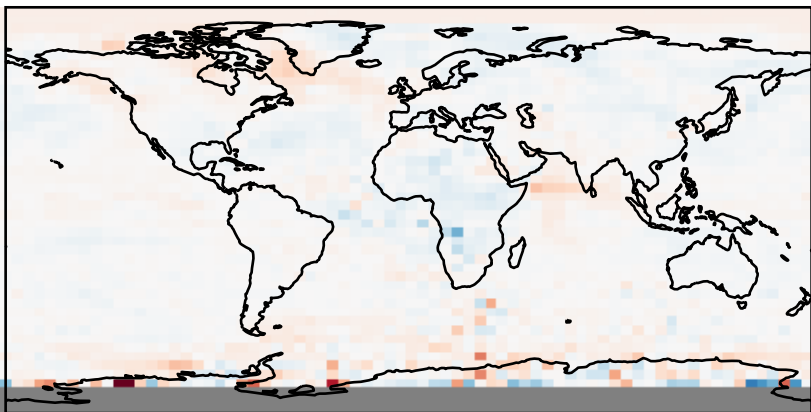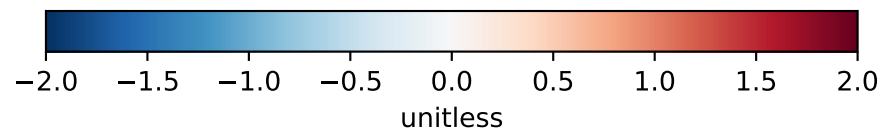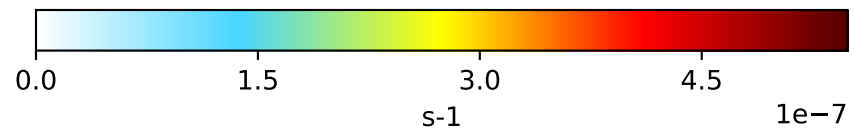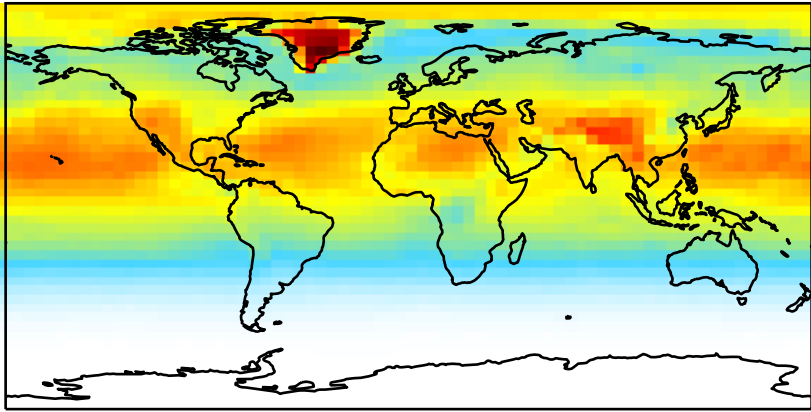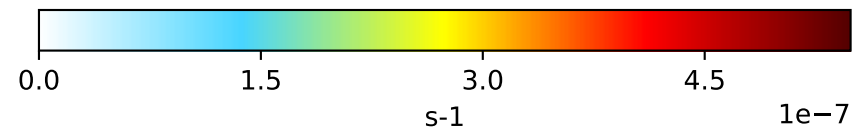s-1

s-1

Fractional Difference
(Dev-Ref)/Ref, Dynamic Range
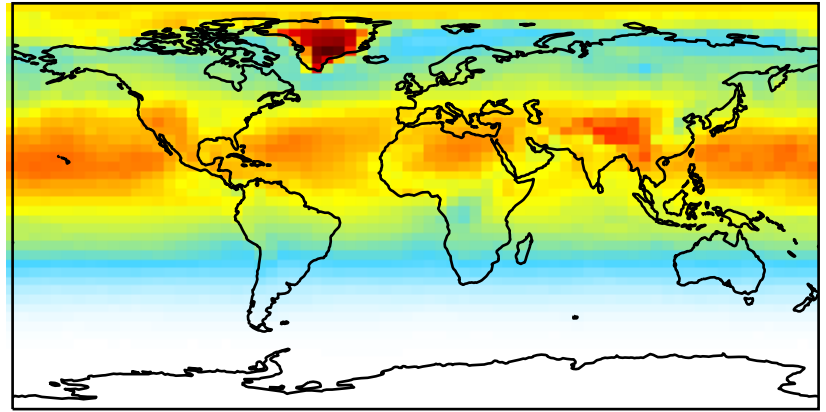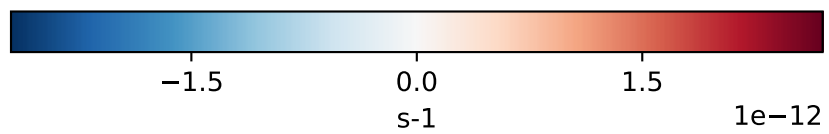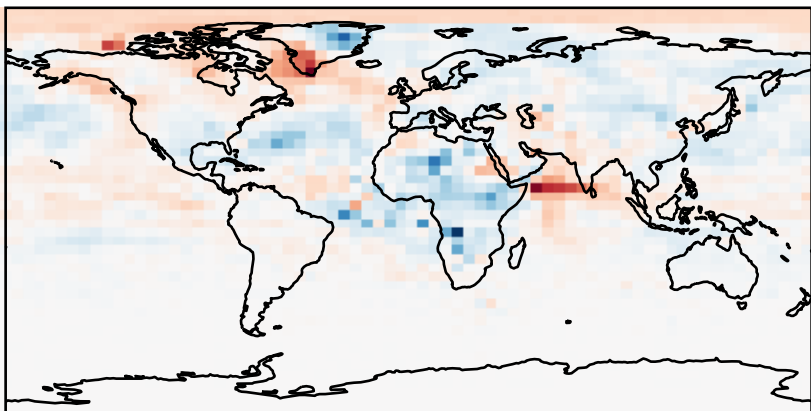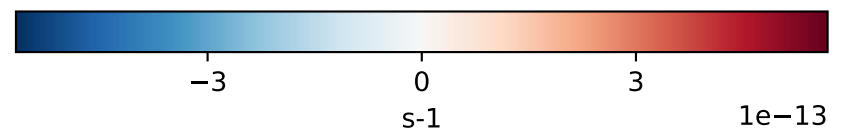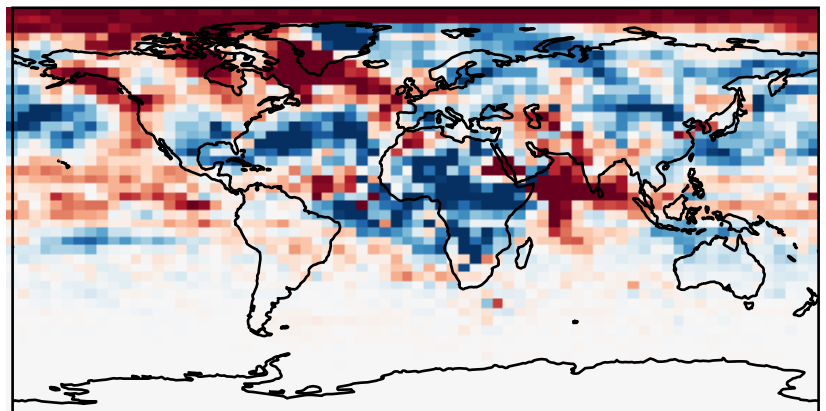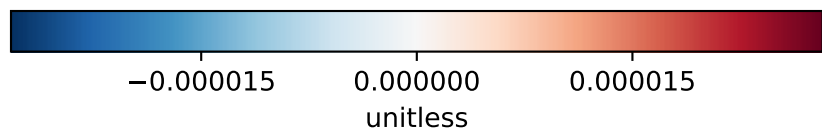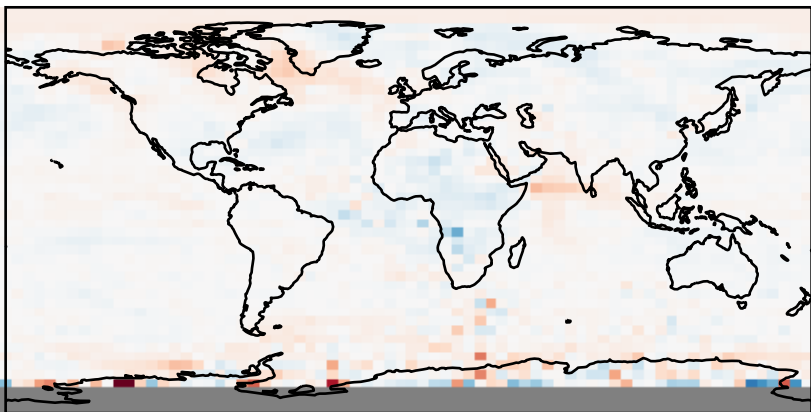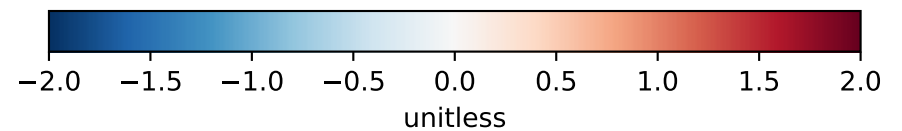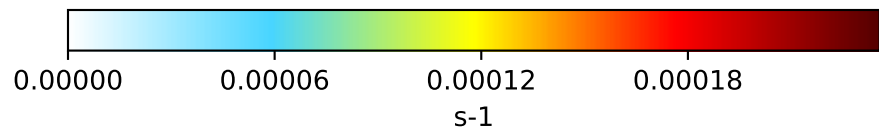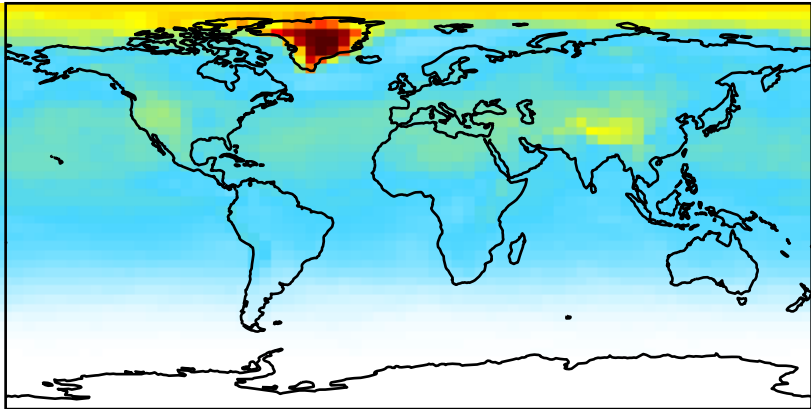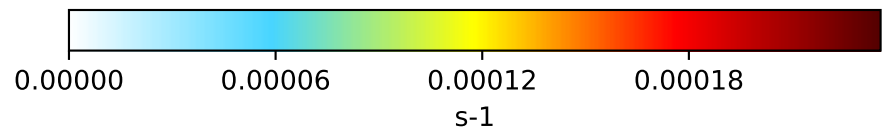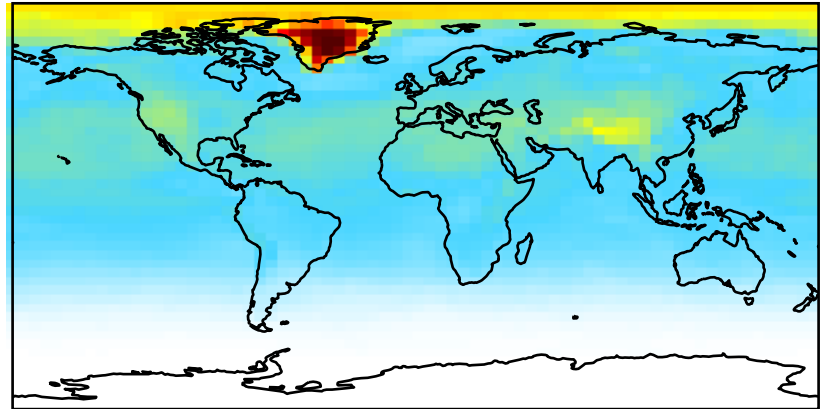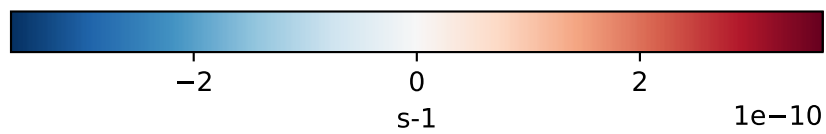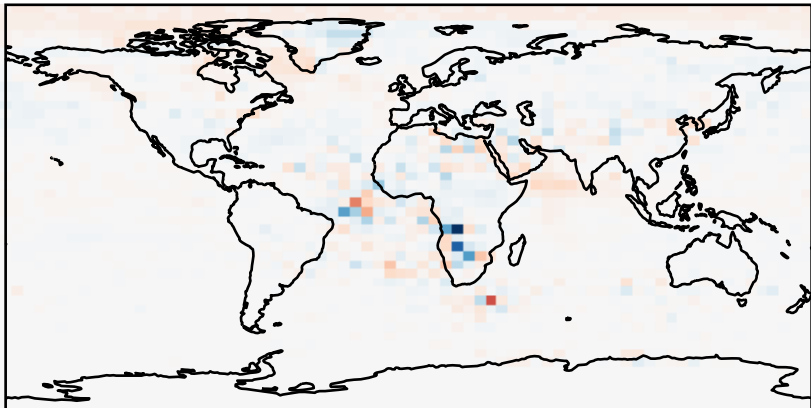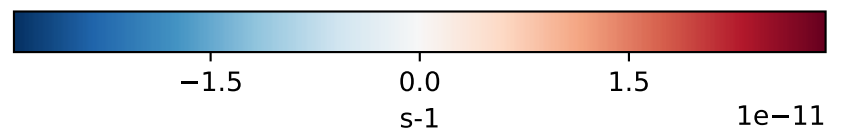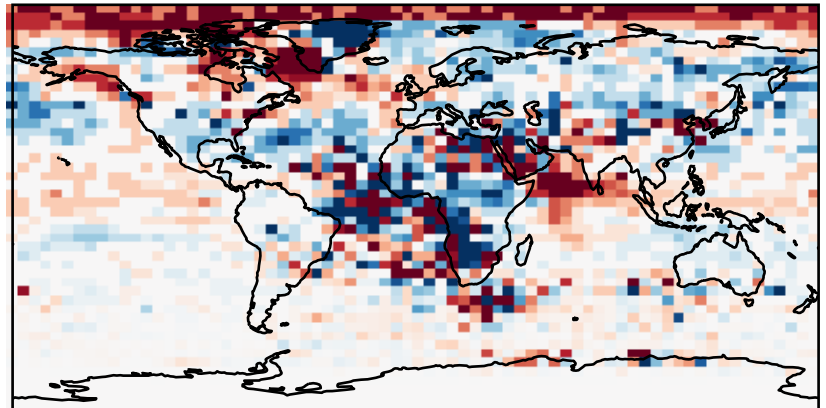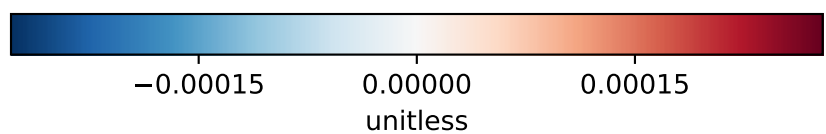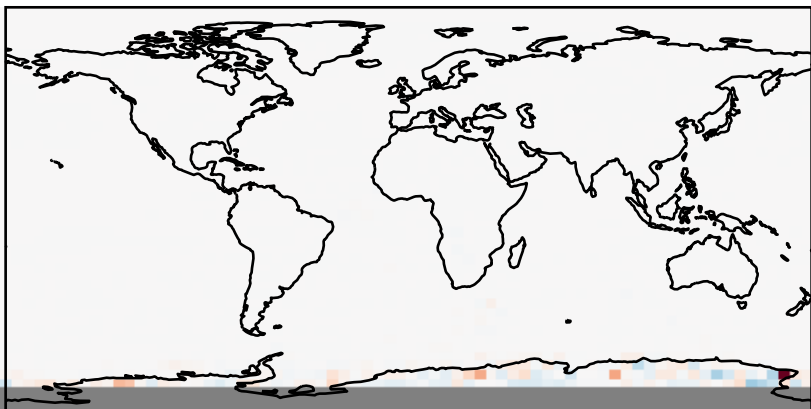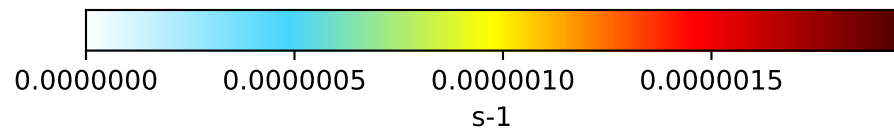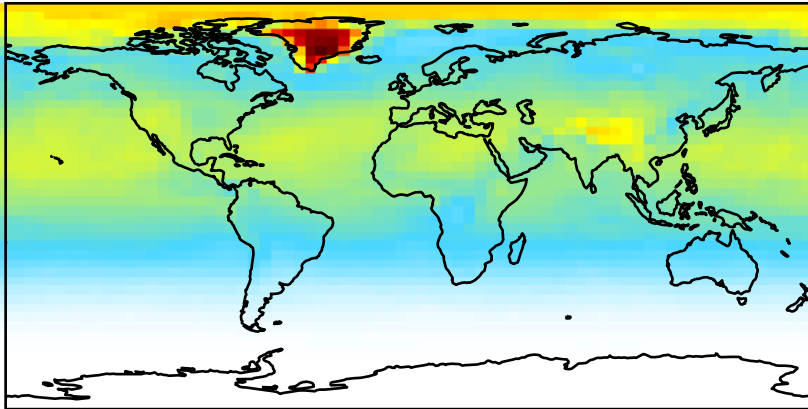
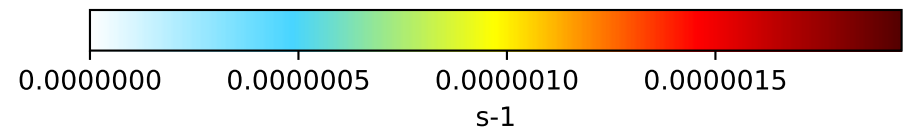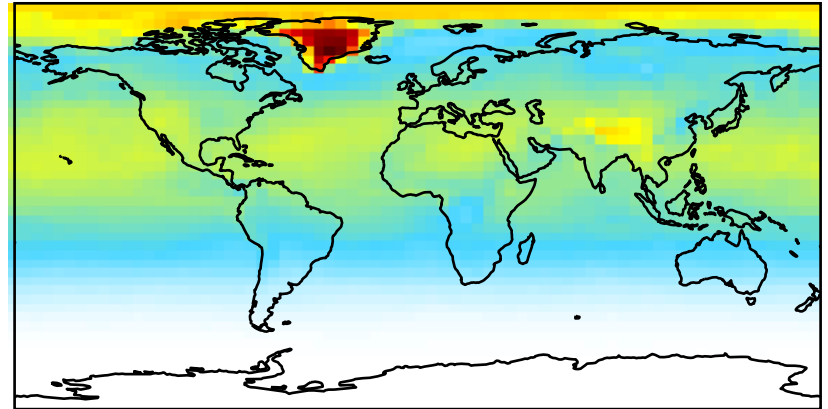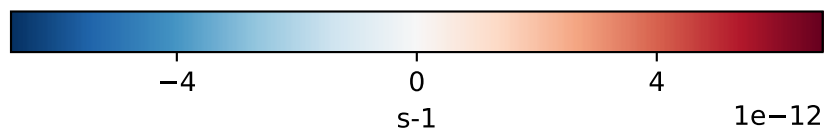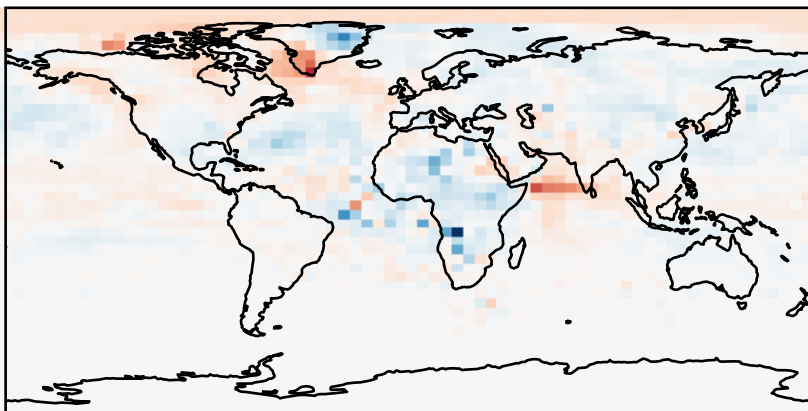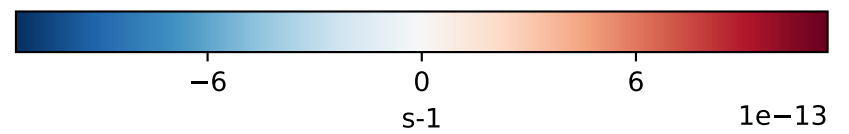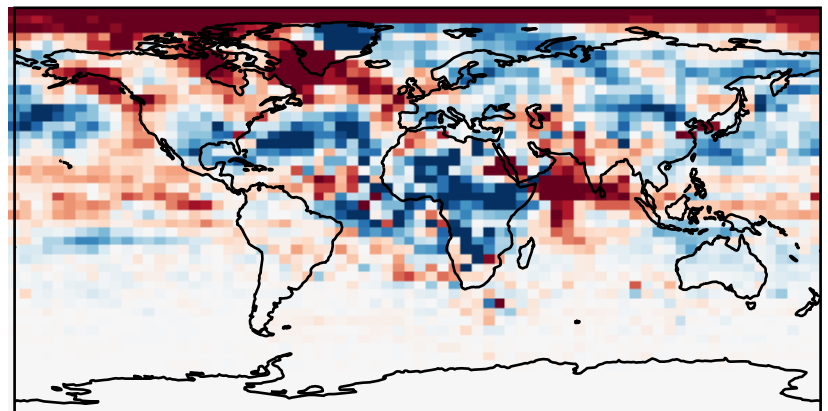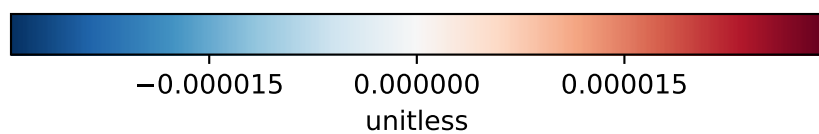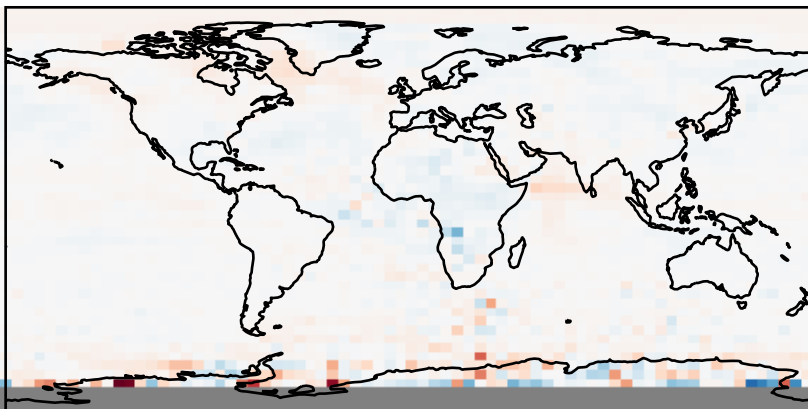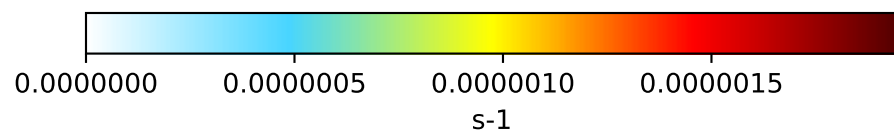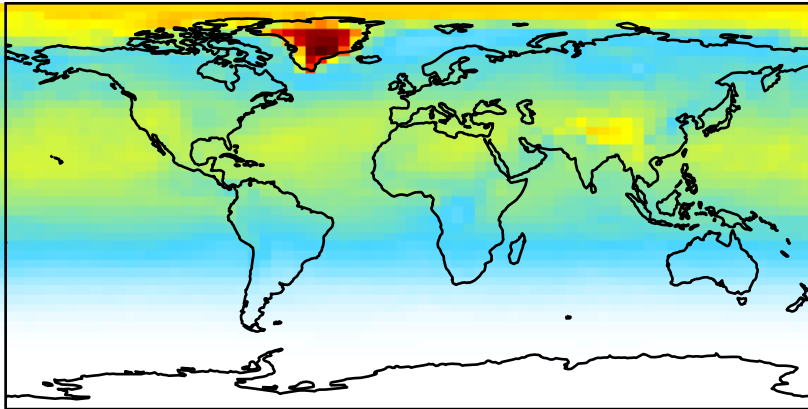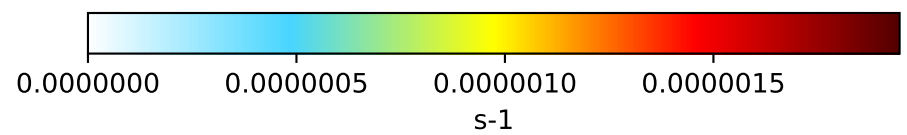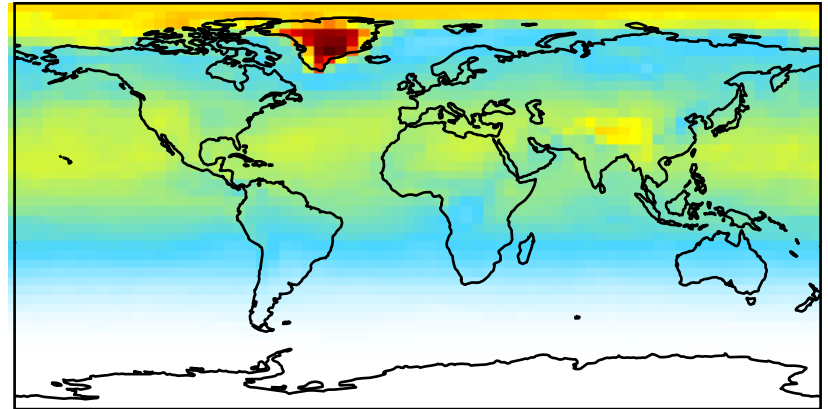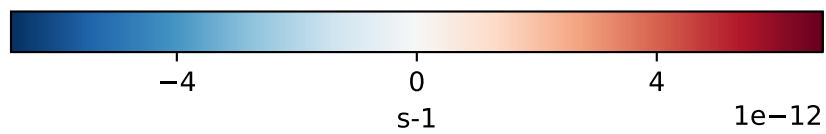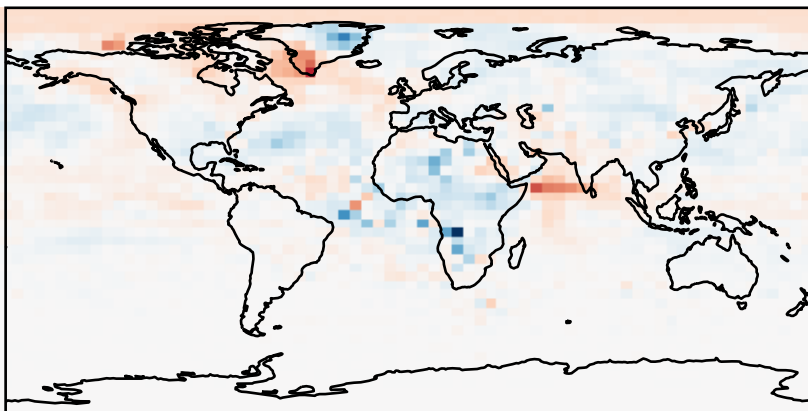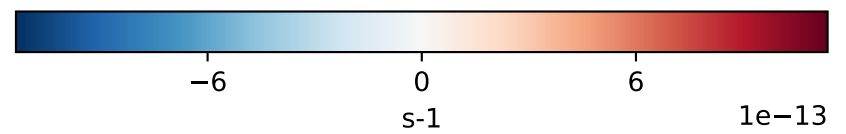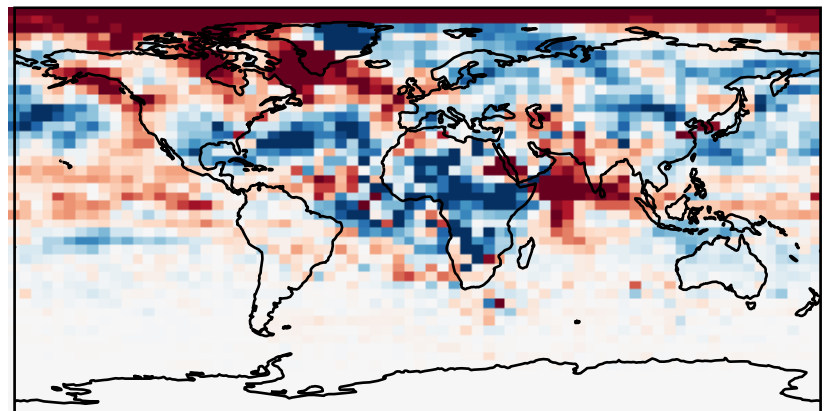Fractional Difference
(Dev-Ref)/Ref, Fixed Range
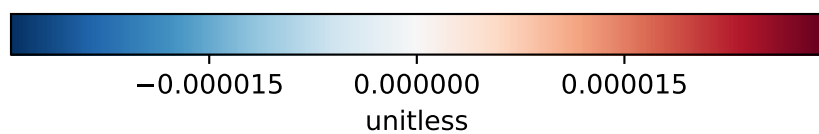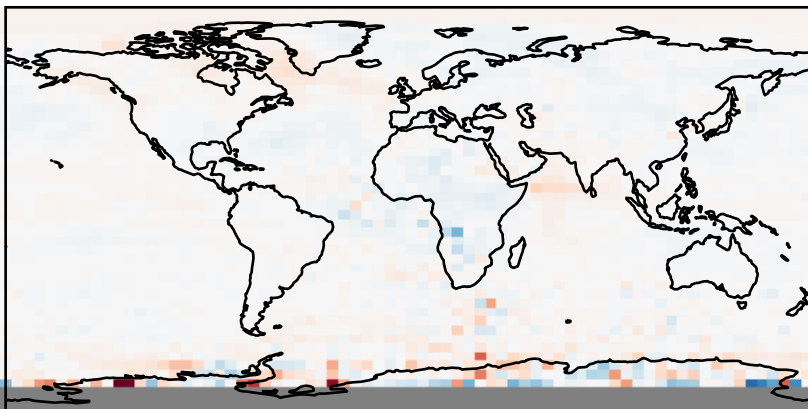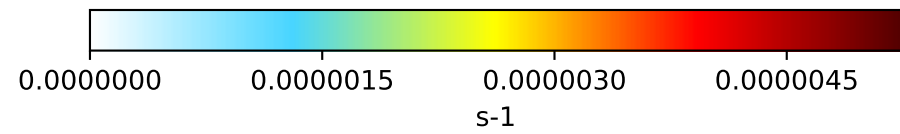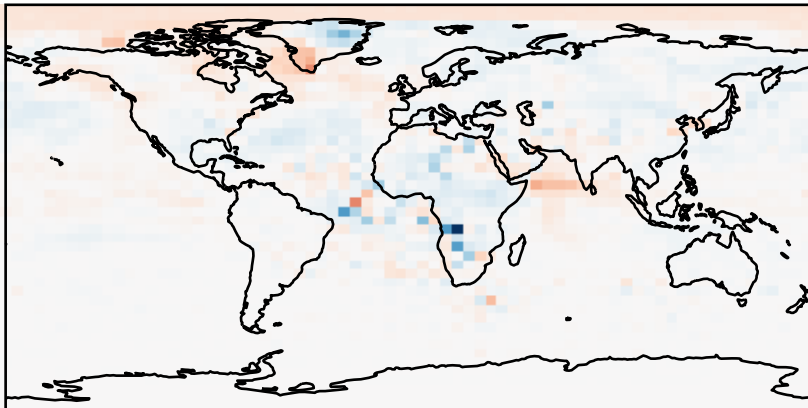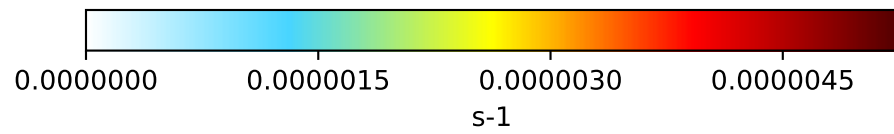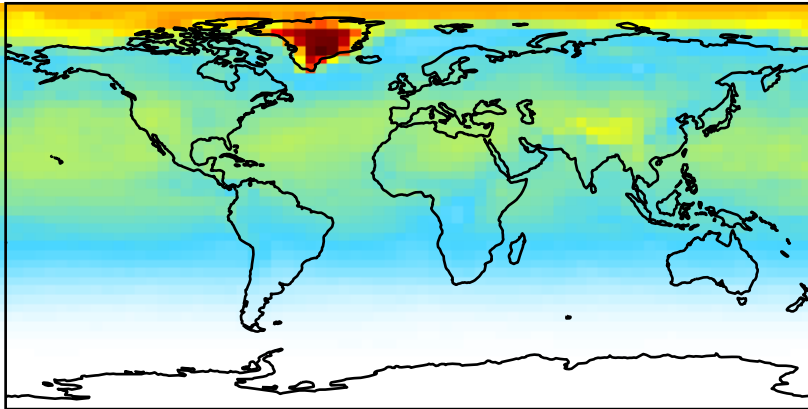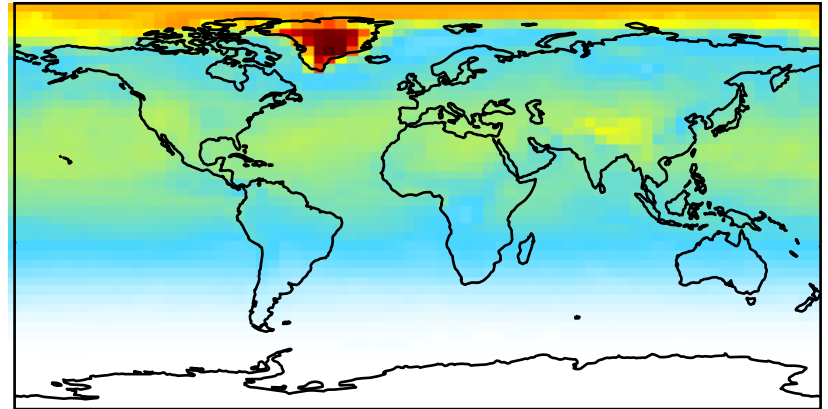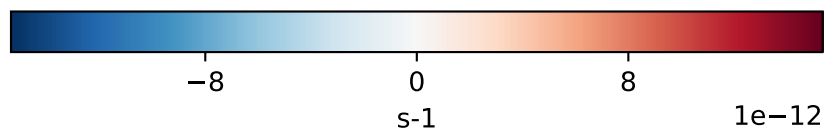
unitless

unitless
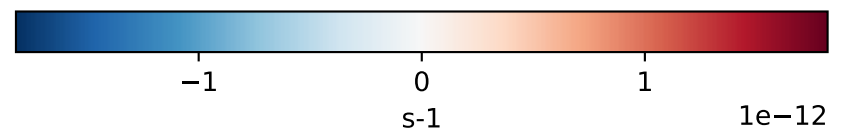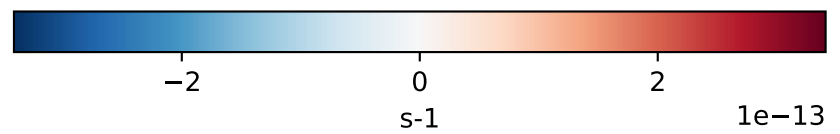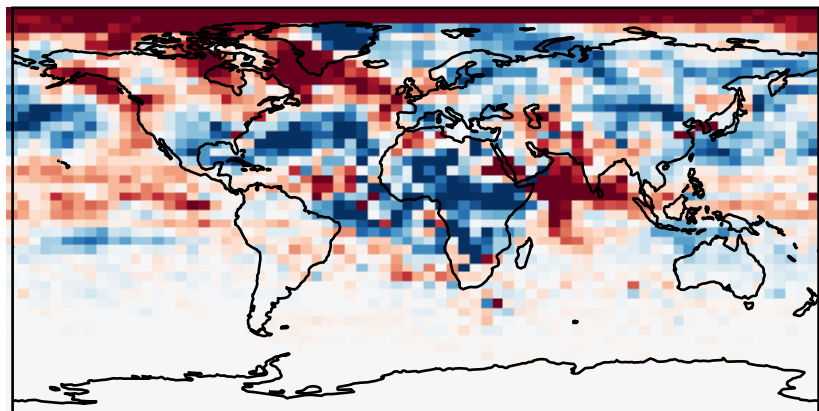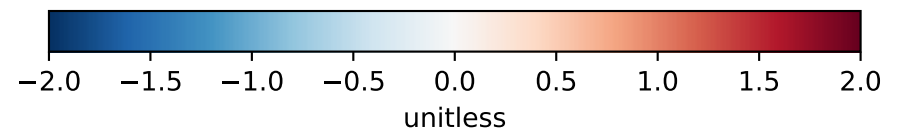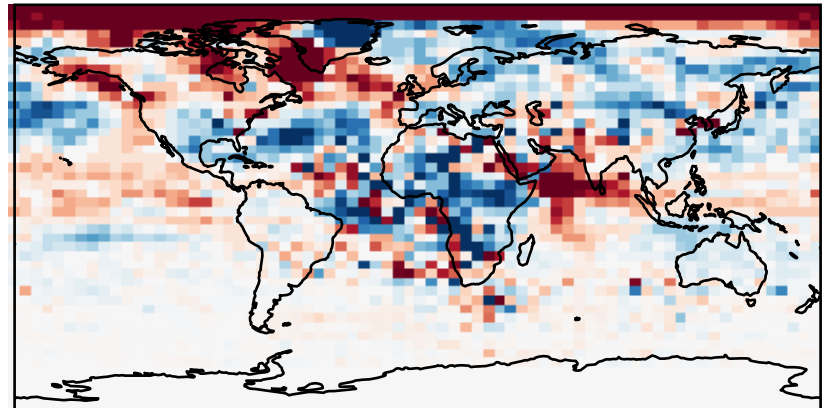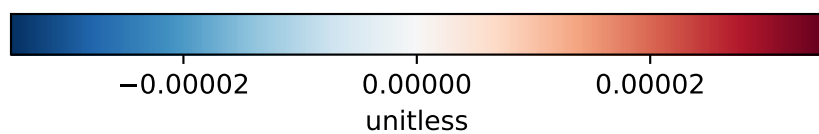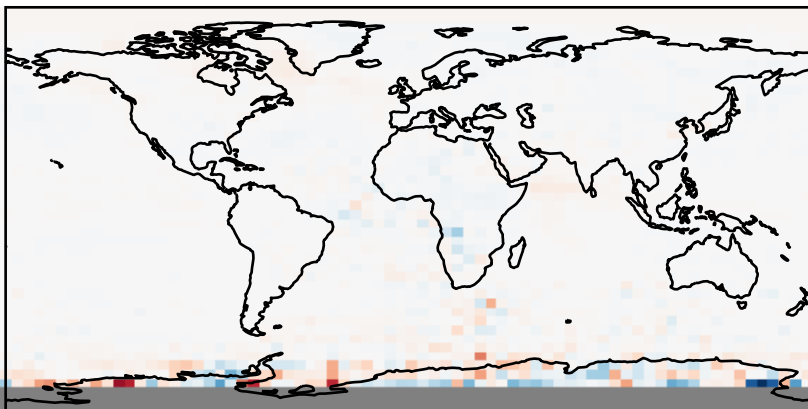
Jval_PIP

GC_12.7.0-rc.1 (Ref)
4x5

GC_12.7.0-rc.2 (Dev)
4x5

s-1

s-1

Difference
Dev - Ref, Dynamic Range

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

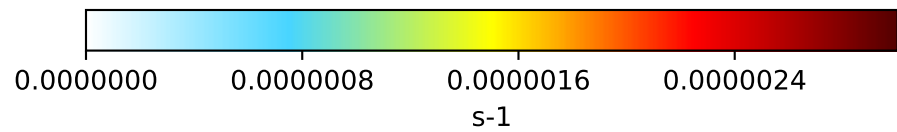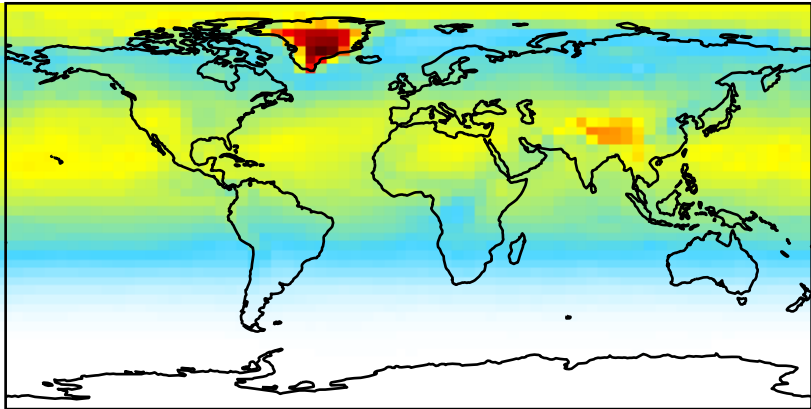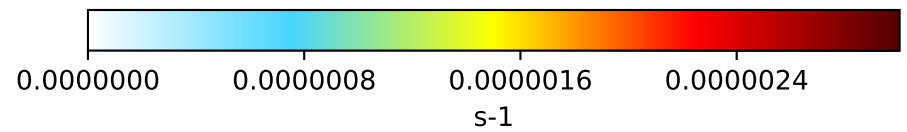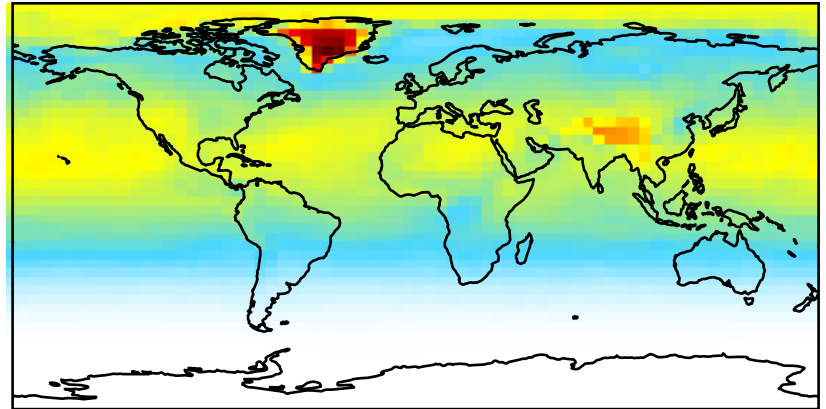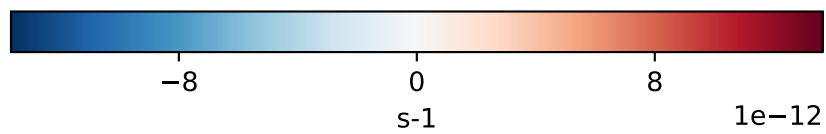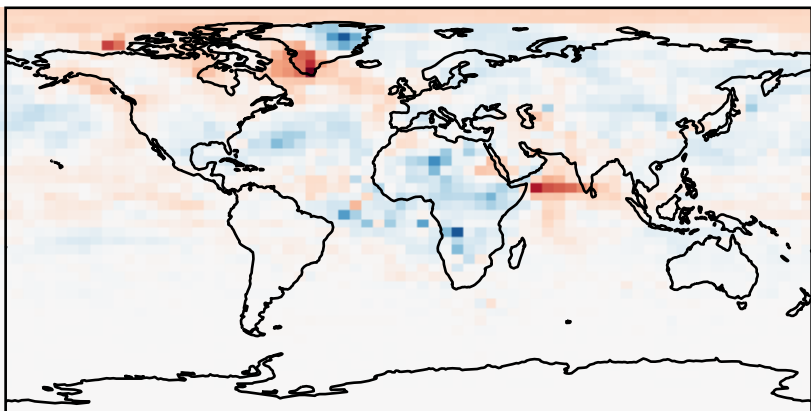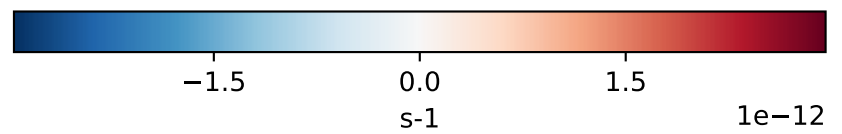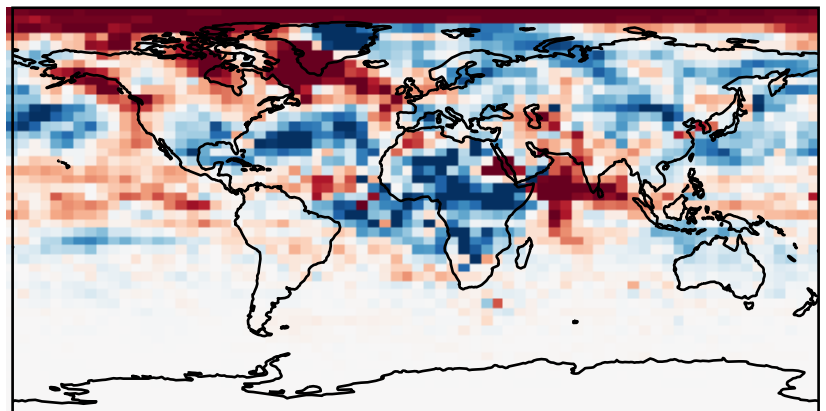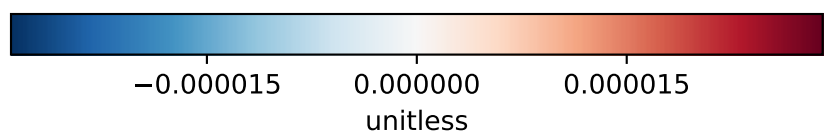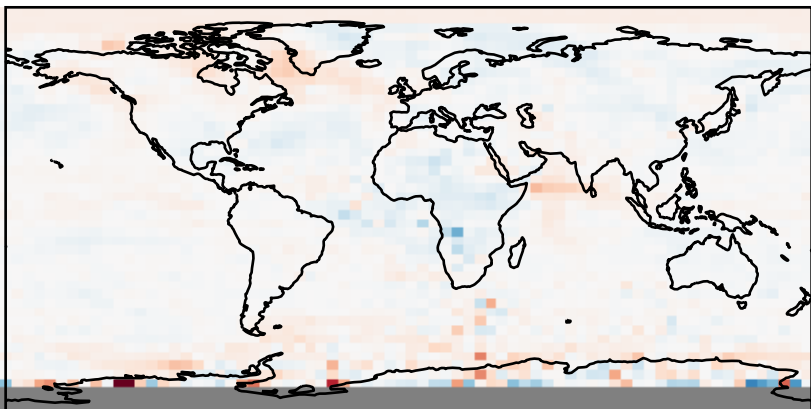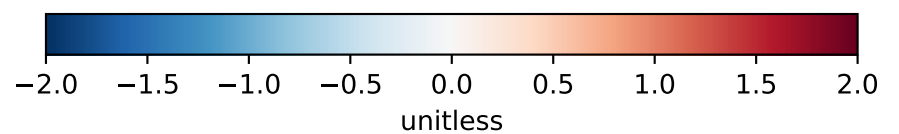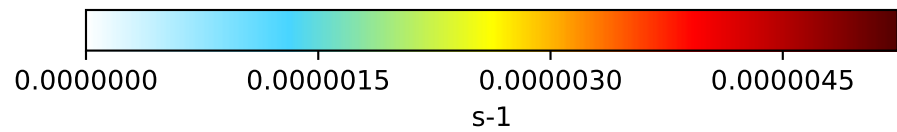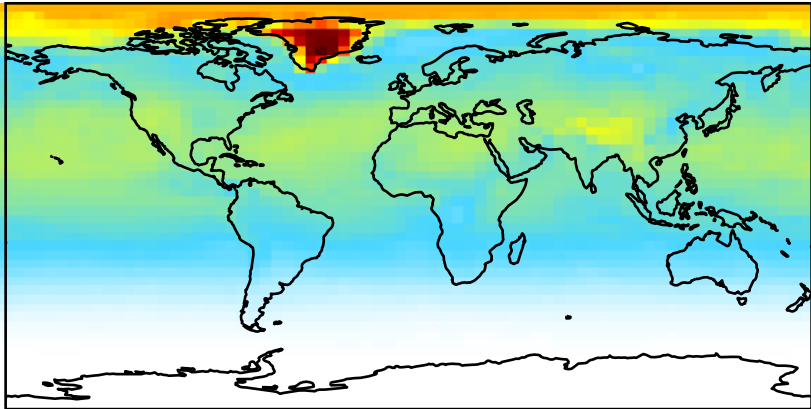s-1

s-1

Fractional Difference
(Dev-Ref)/Ref, Dynamic Range

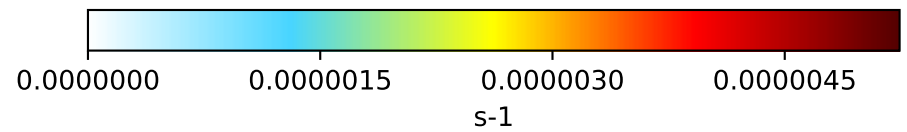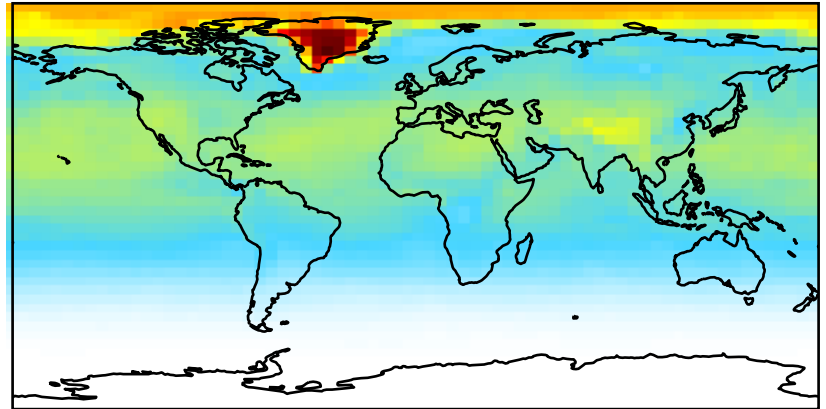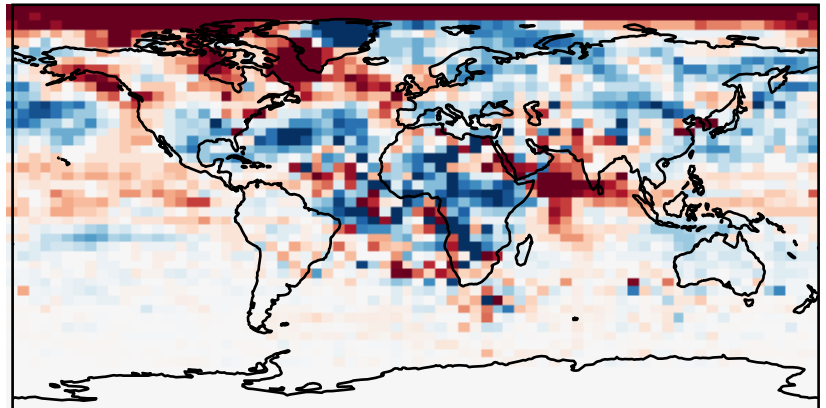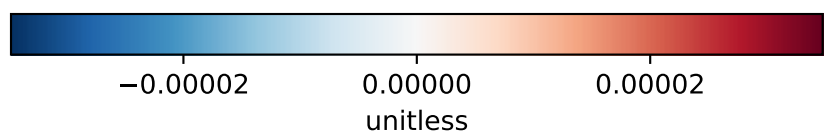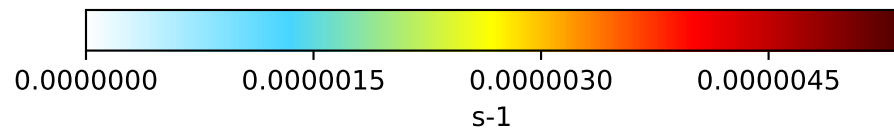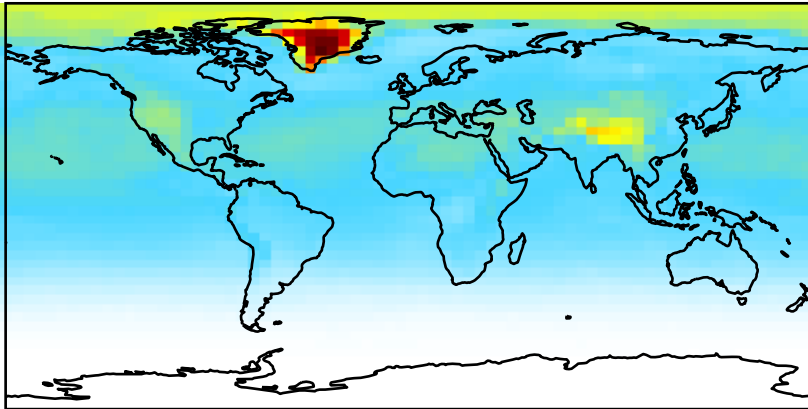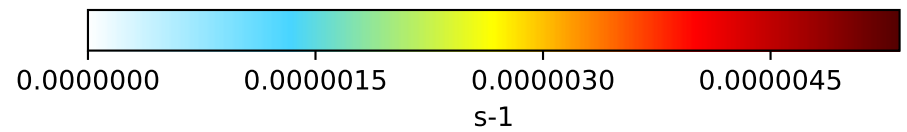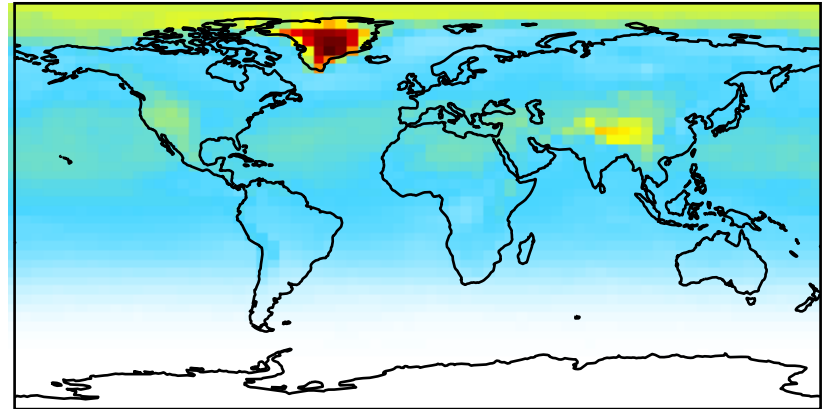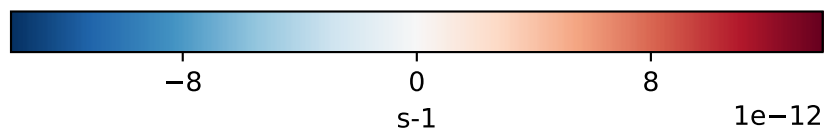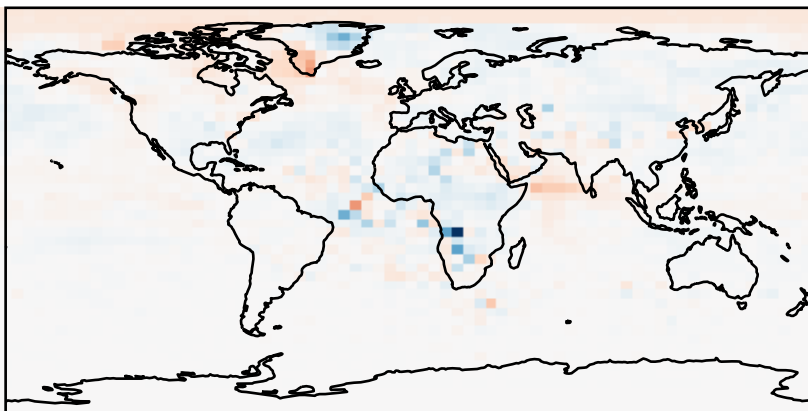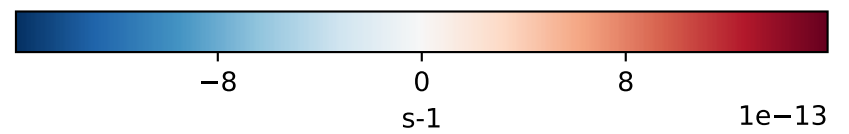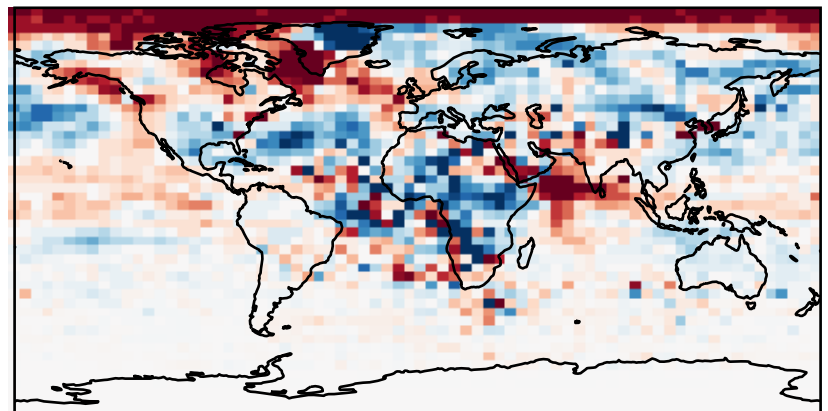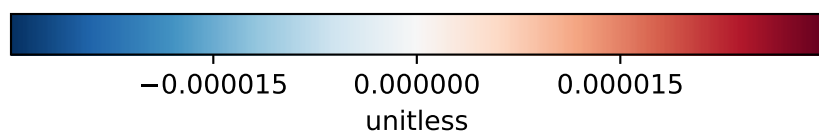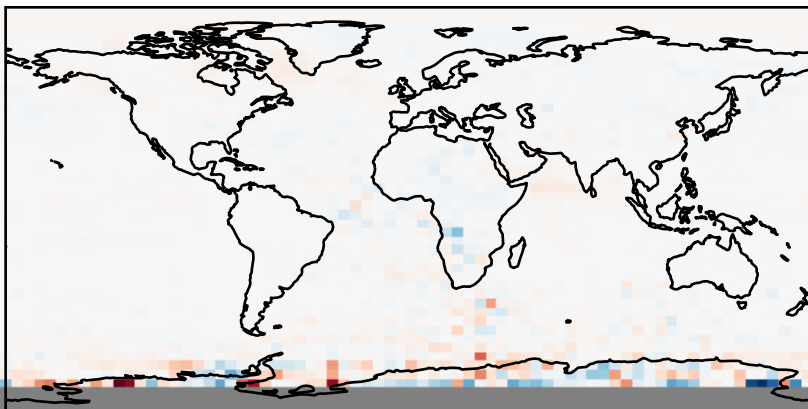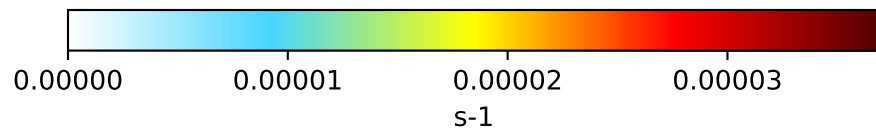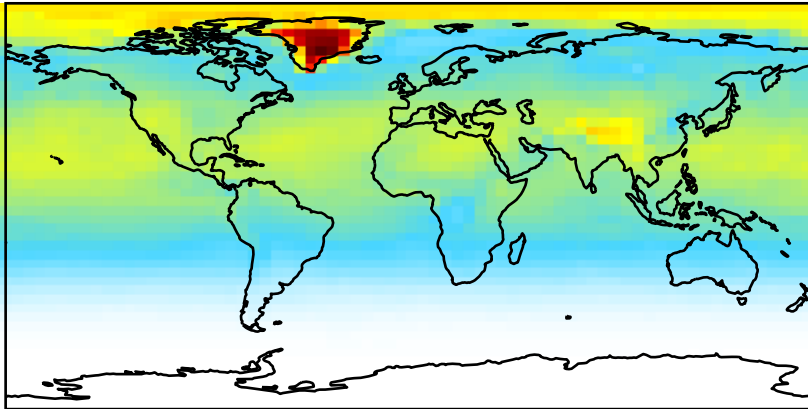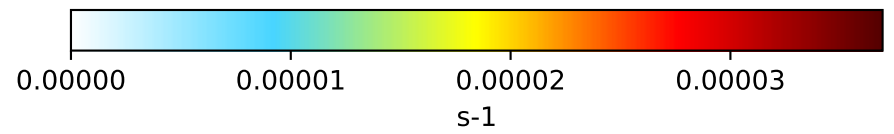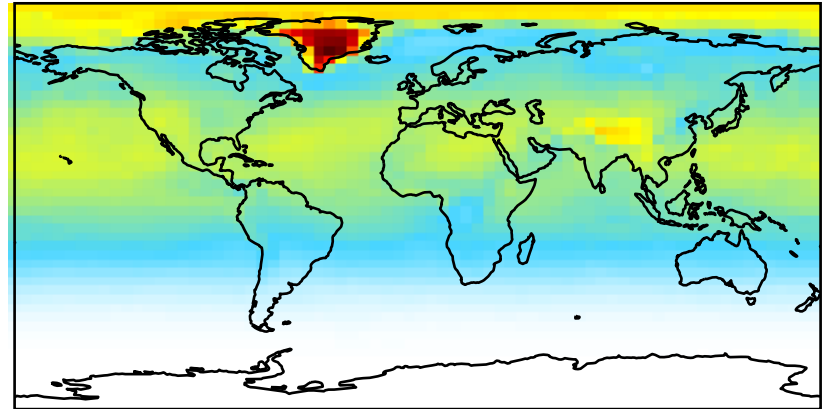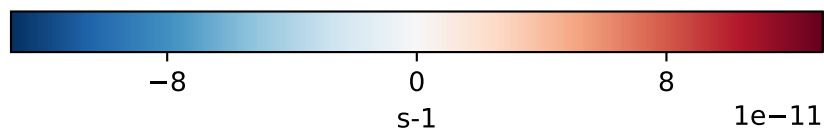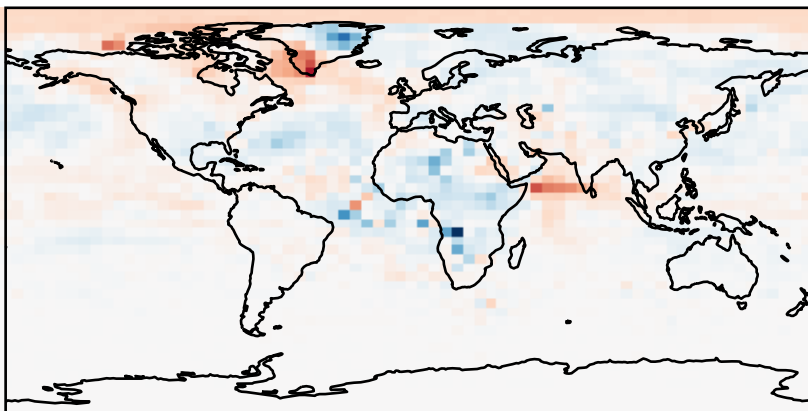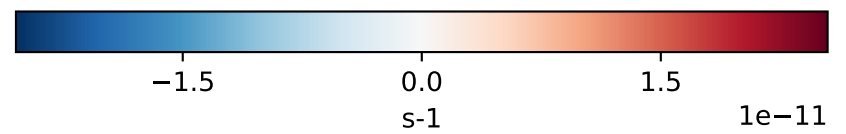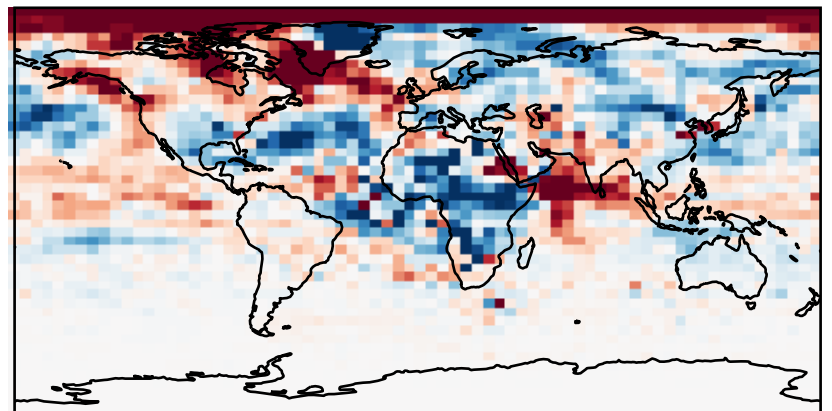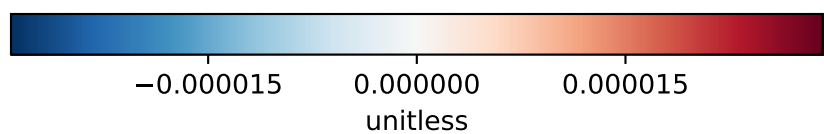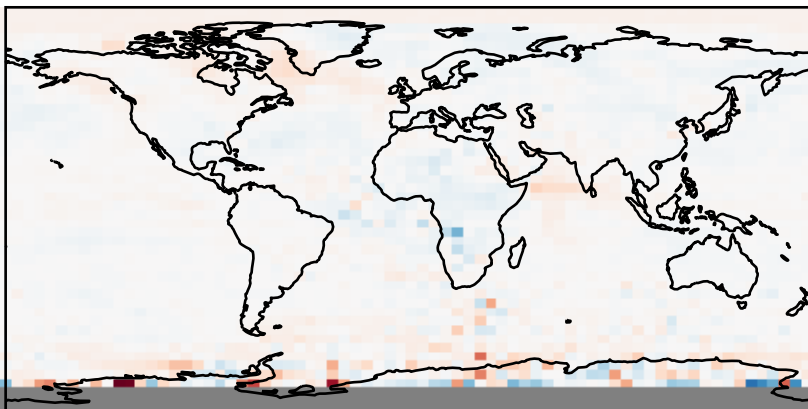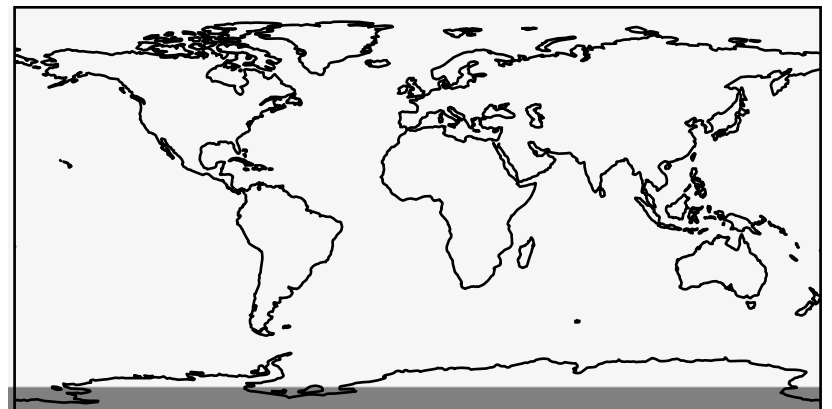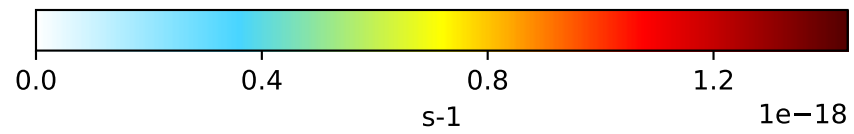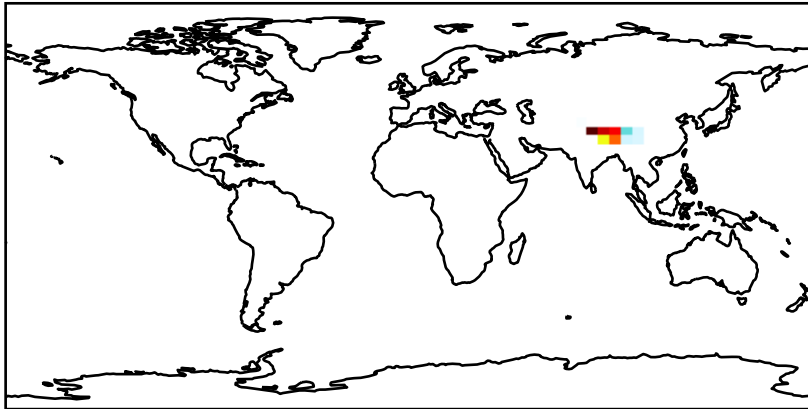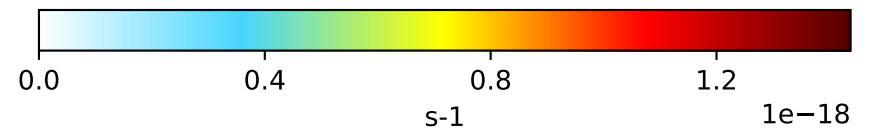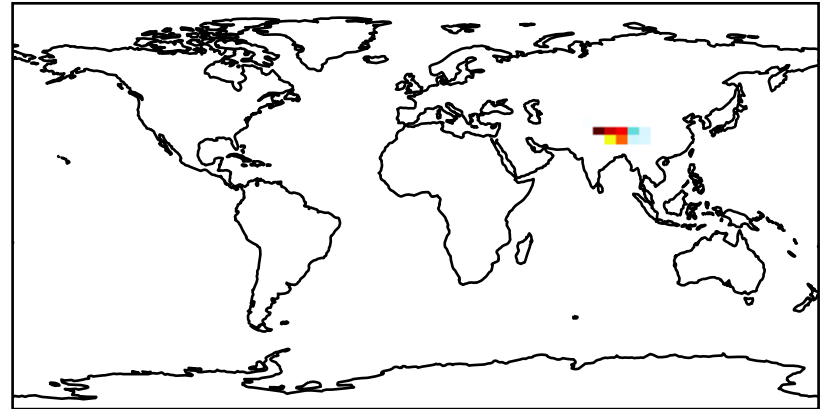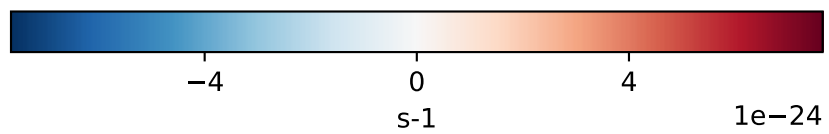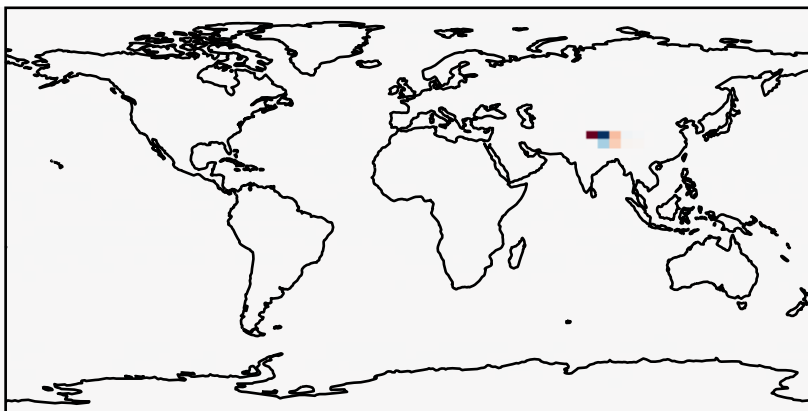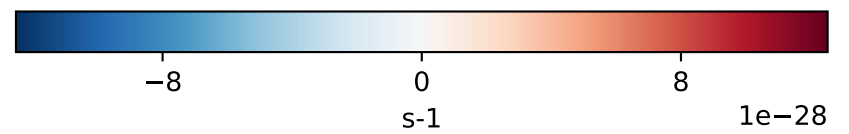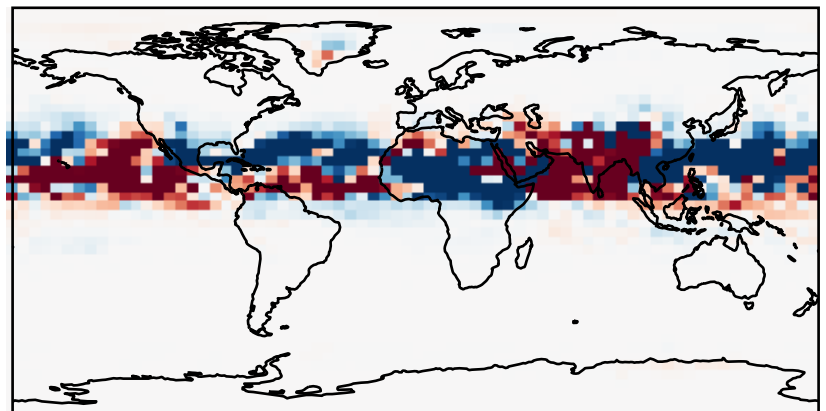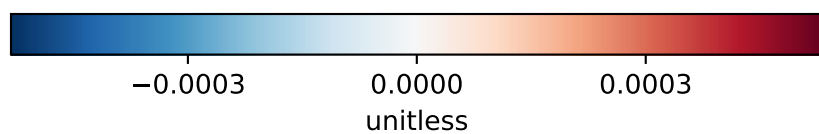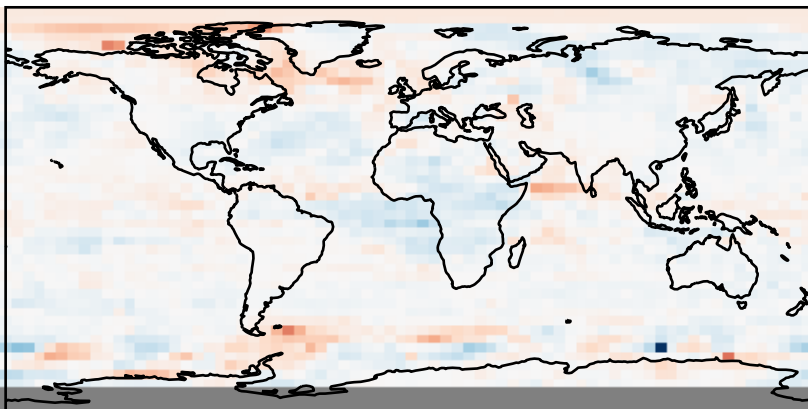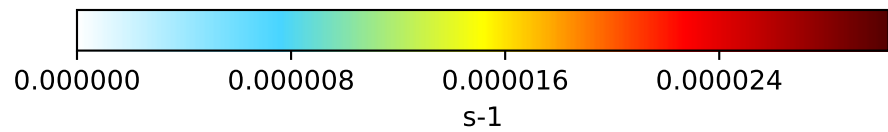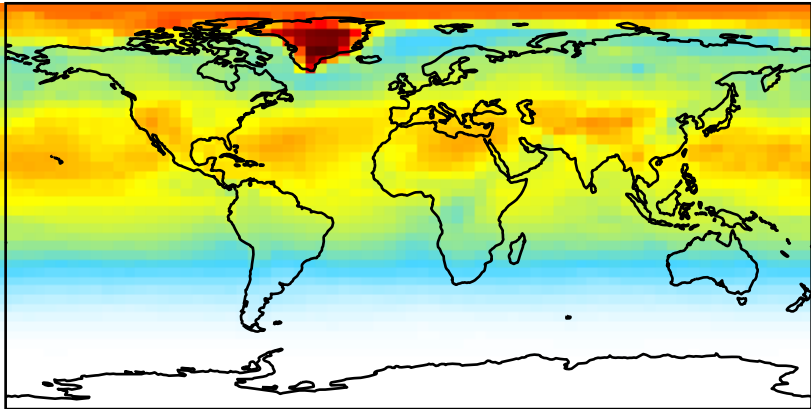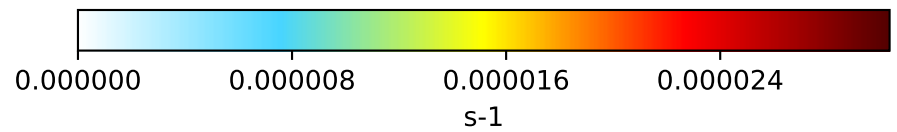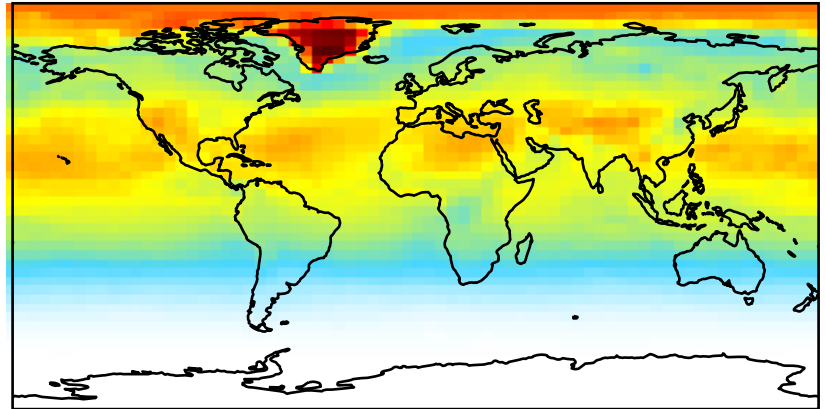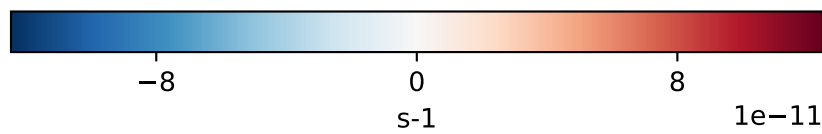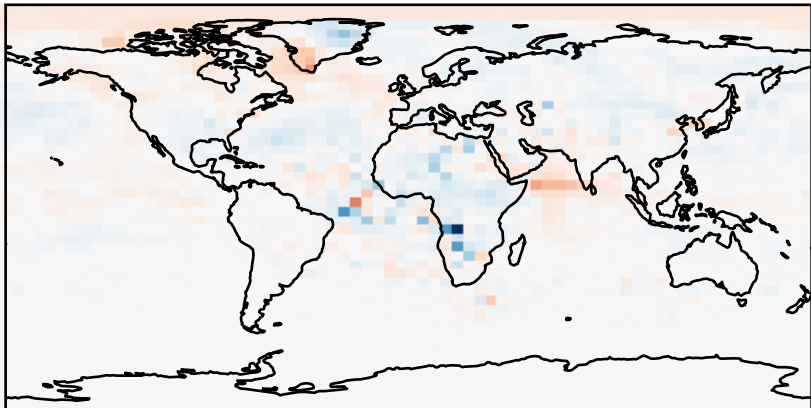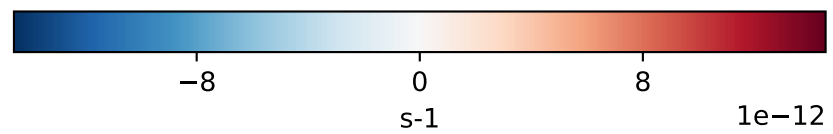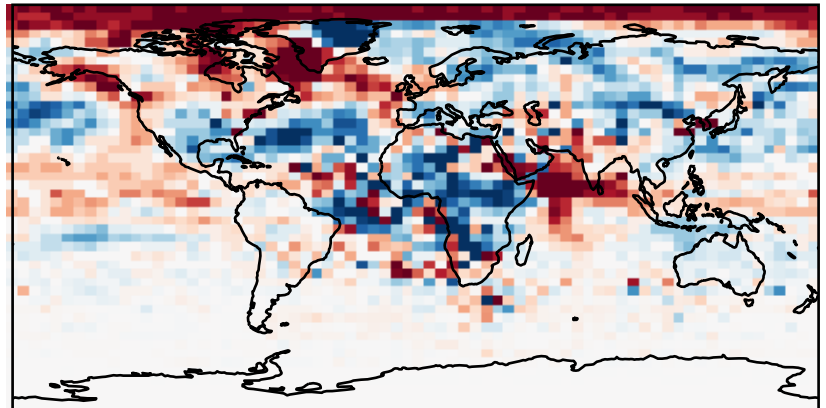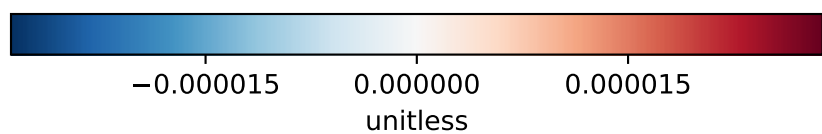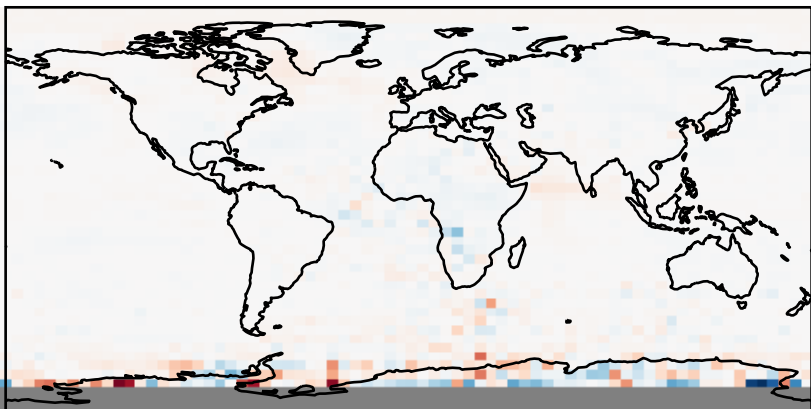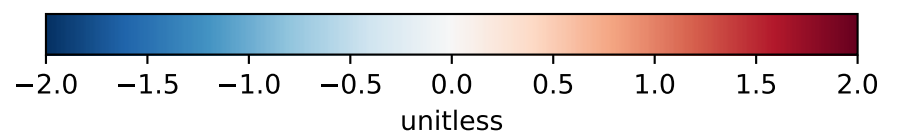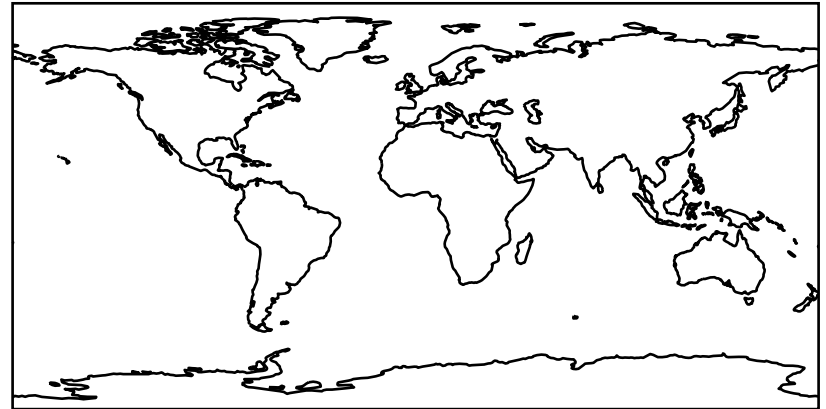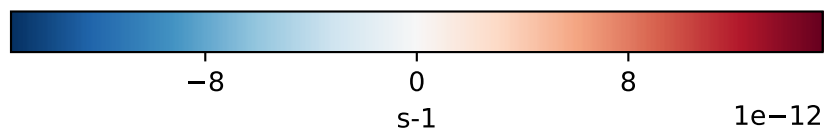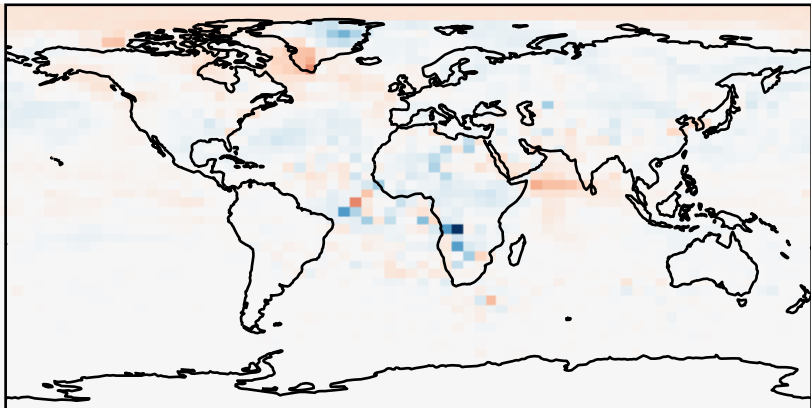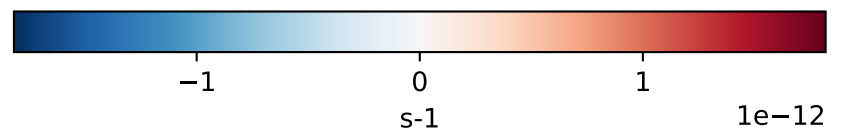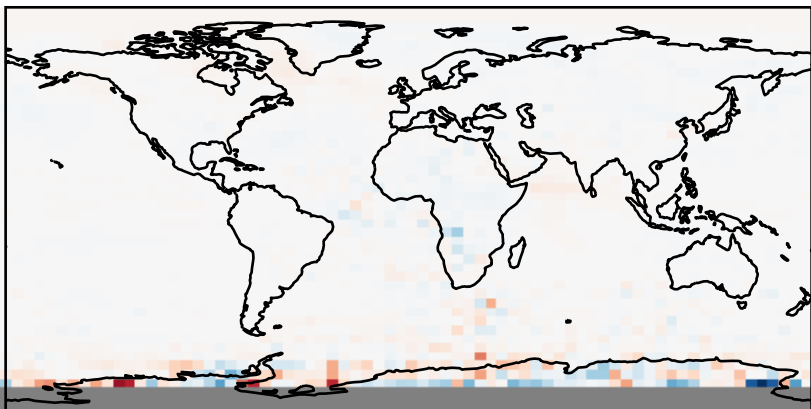Fractional Difference
(Dev-Ref)/Ref, Fixed Range

unitless

unitless

Jval_PP

Jval_PROPNN

Jval_PRPN

Jval_R4N2

Jval_R4P

Jval_RA3P

Jval_RB3P

Jval_RCHO

Jval_RIPA

GC_12.7.0-rc.1 (Ref)
4x5

Zero throughout domain
s-1

GC_12.7.0-rc.2 (Dev)
4x5

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

Fractional Difference
(Dev-Ref)/Ref, Dynamic Range

Undefined throughout domain
unitless

Fractional Difference
(Dev-Ref)/Ref, Fixed Range

Undefined throughout domain
unitless

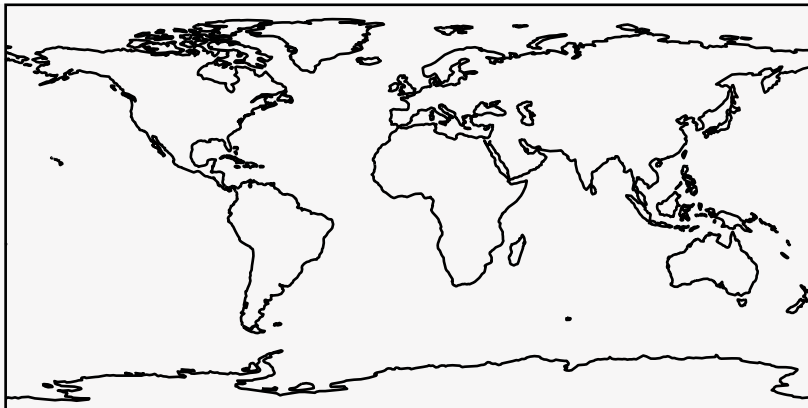# Jval_RIPB

GC_12.7.0-rc.1 (Ref)
4x5

Zero throughout domain
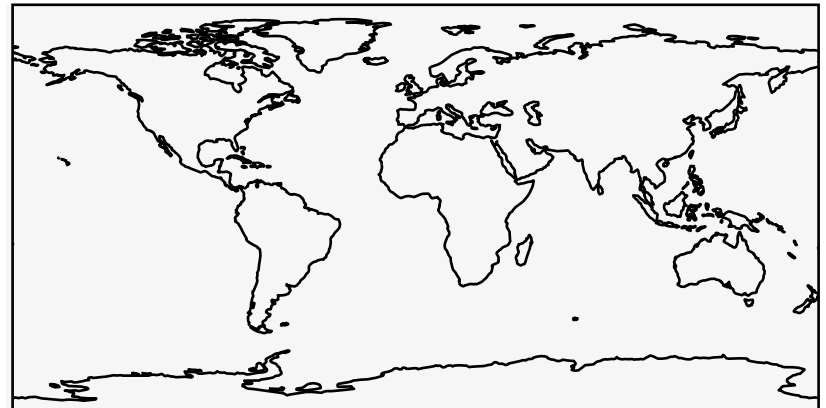s-1

GC_12.7.0-rc.2 (Dev)
4x5

Zero throughout domain
s-1
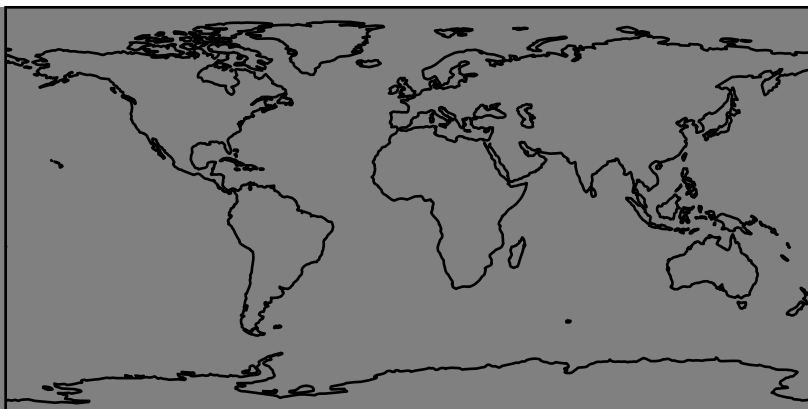
Difference
Dev - Ref, Dynamic Range

Zero throughout domain
s-1

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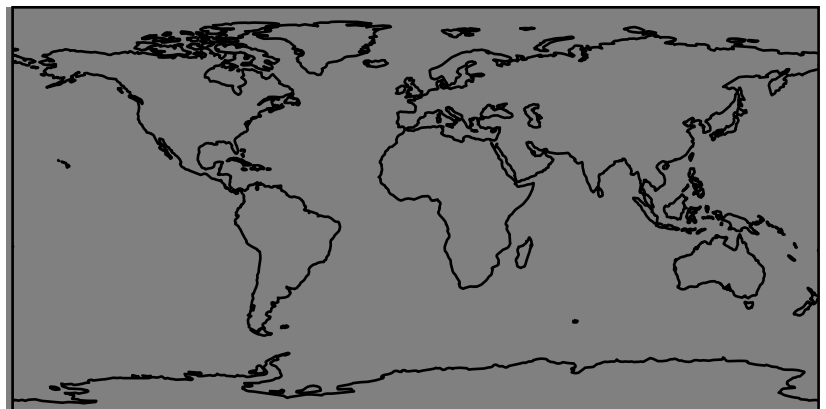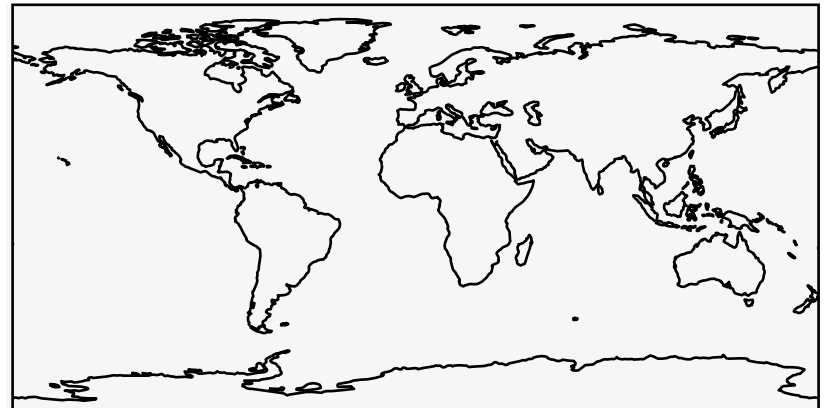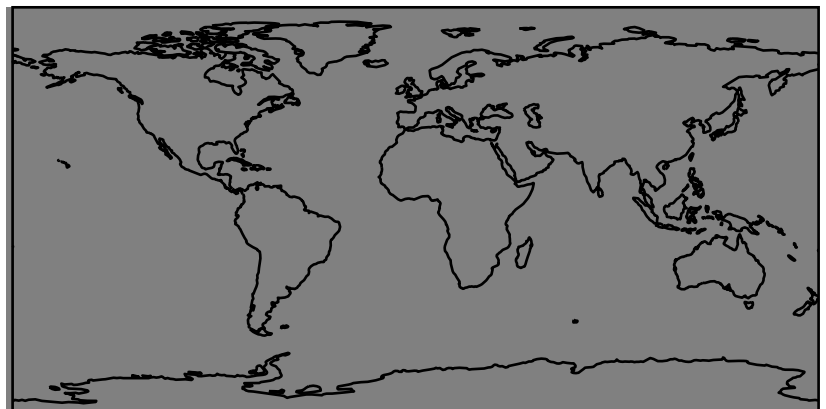Dev - Ref, Restricted Range [5%,95%]

Zero throughout domain
s-1

Fractional Difference
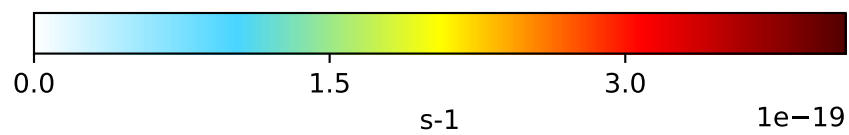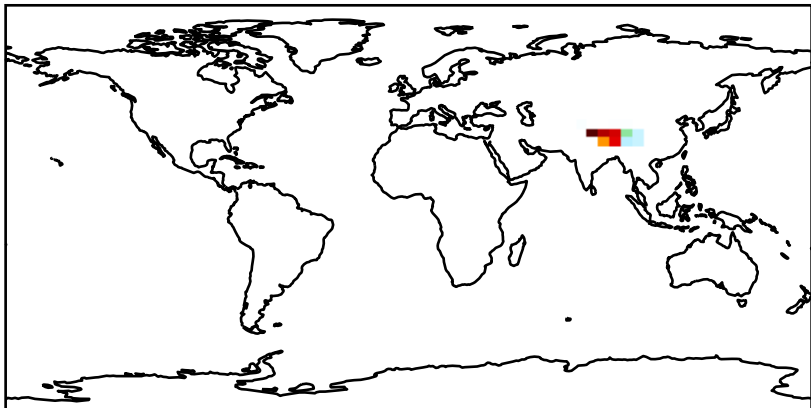(Dev-Ref)/Ref, Dynamic Range

Undefined throughout domain
unitless

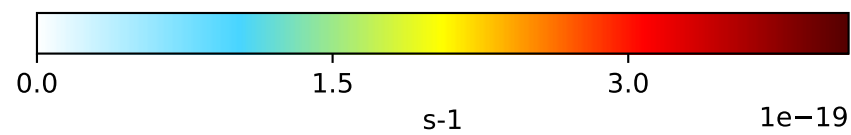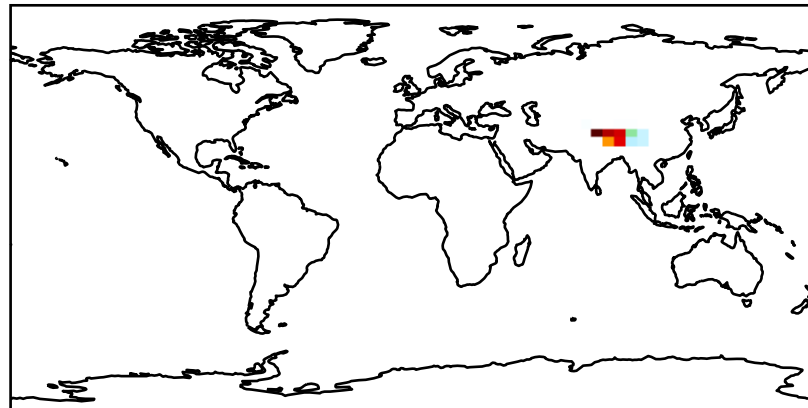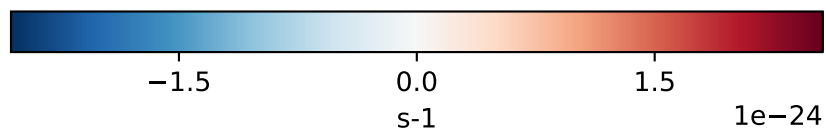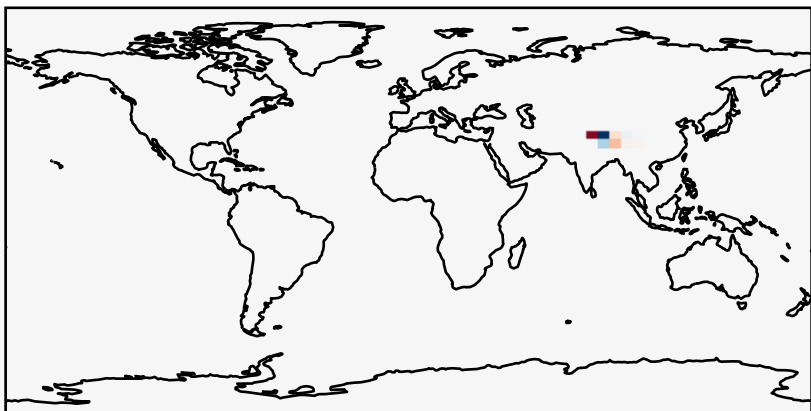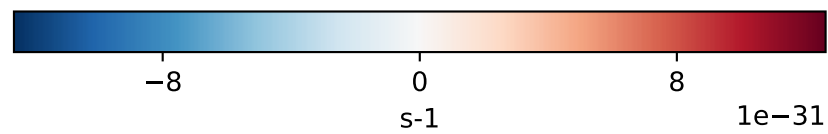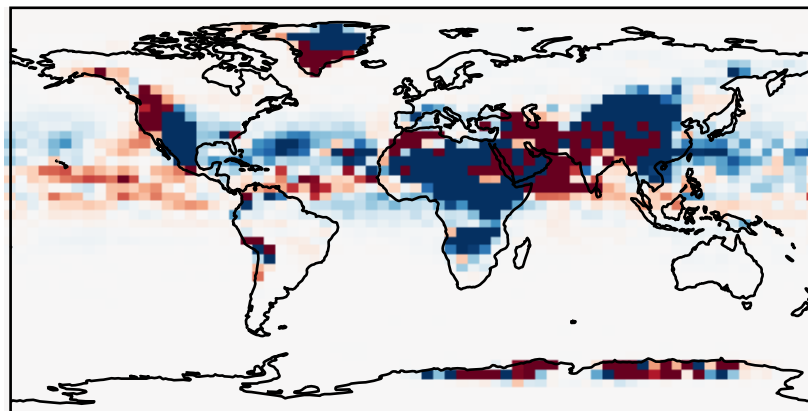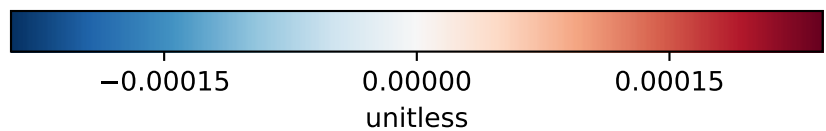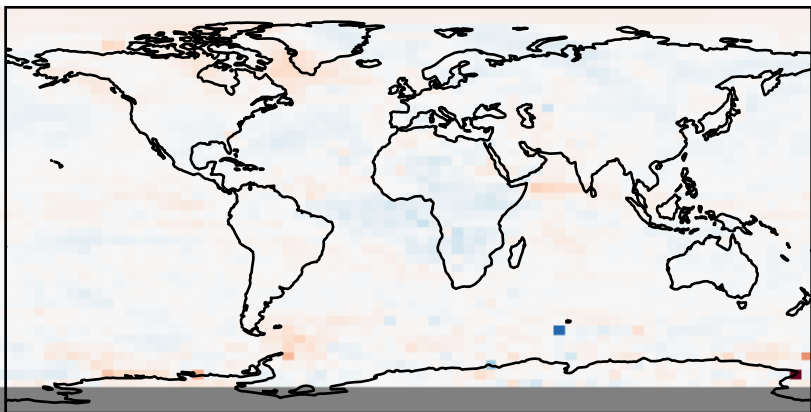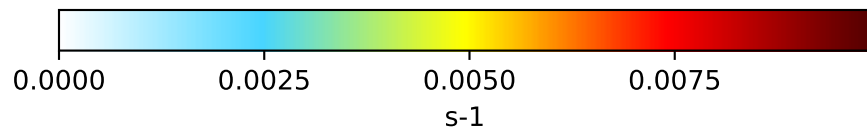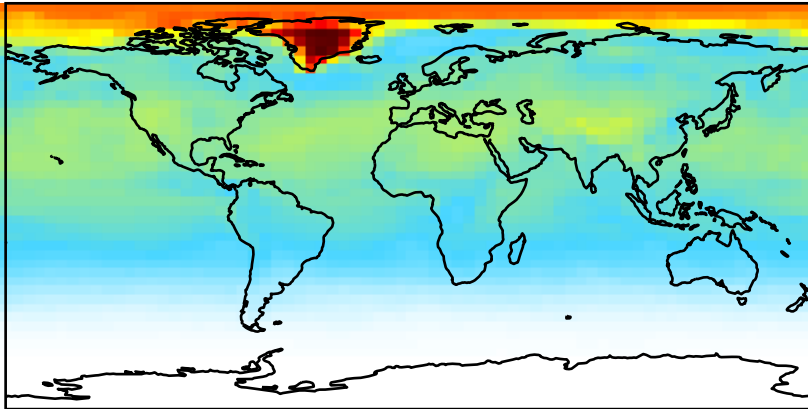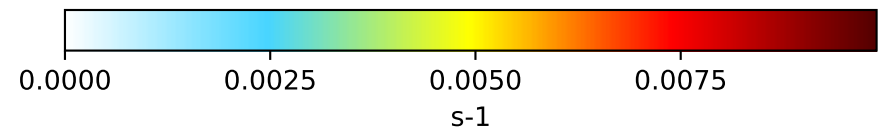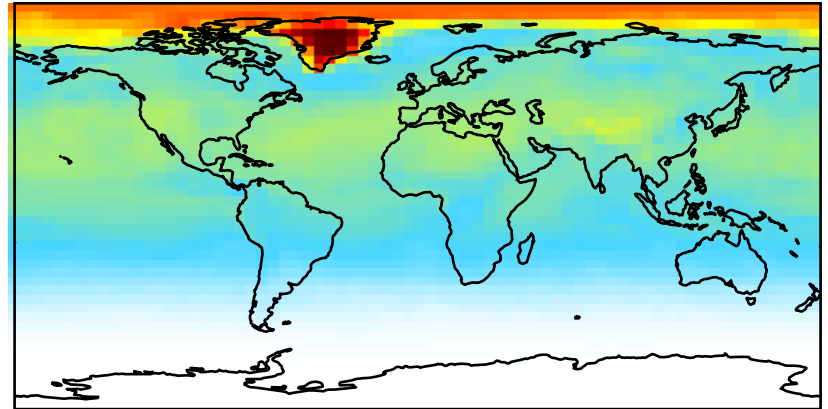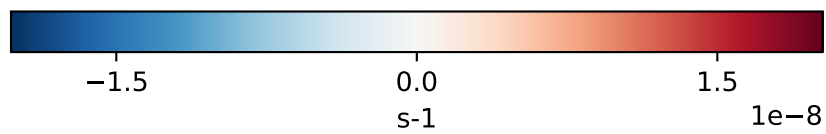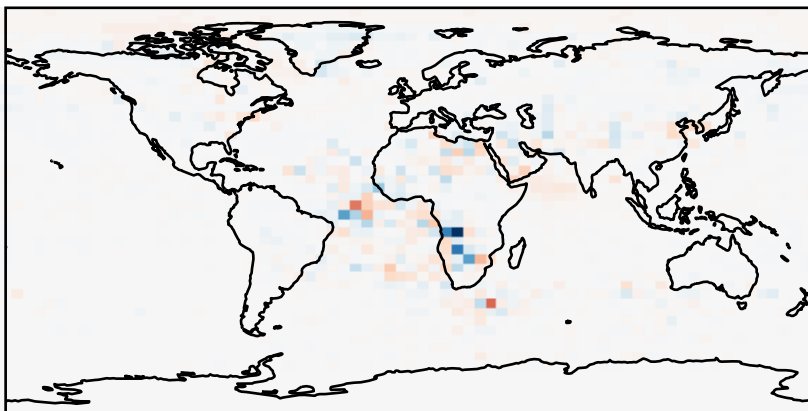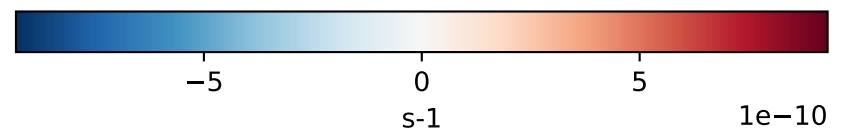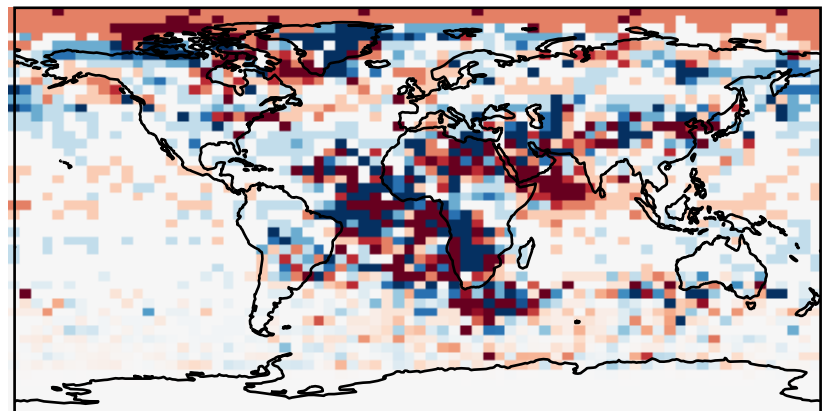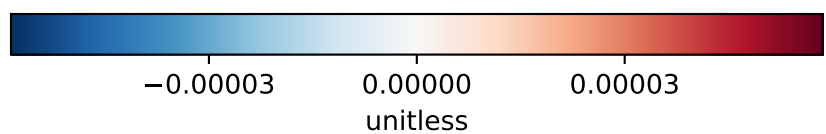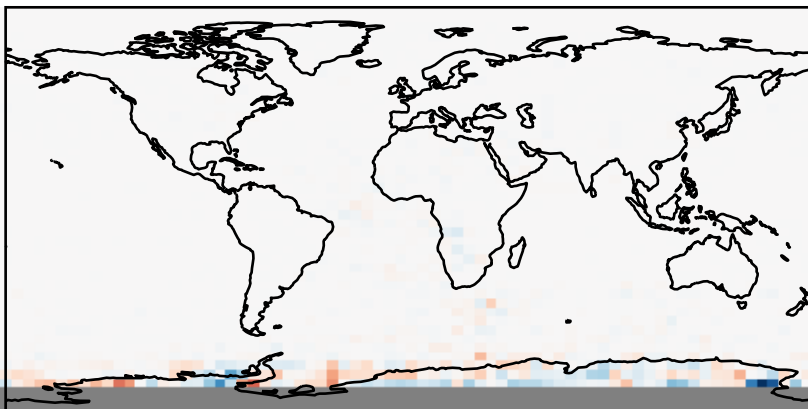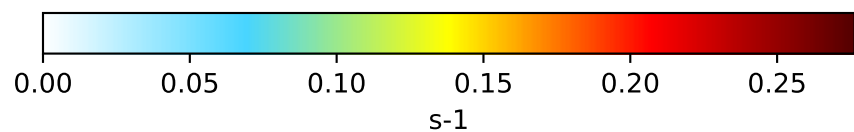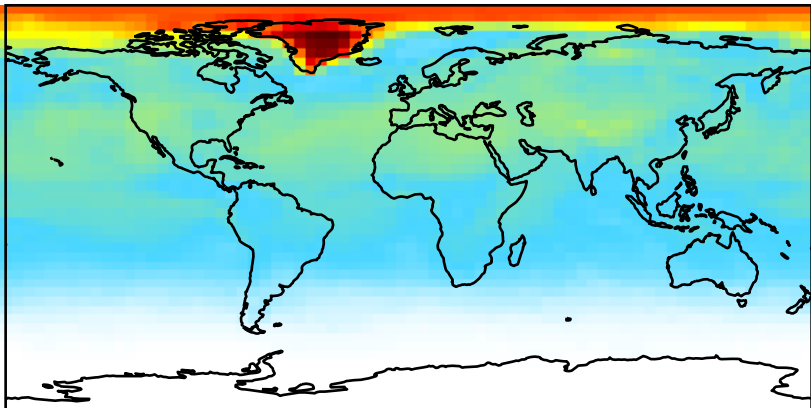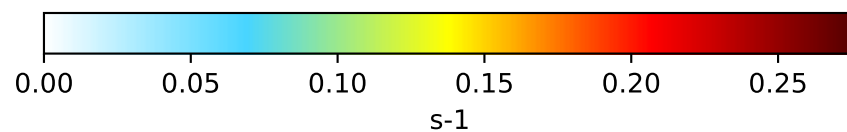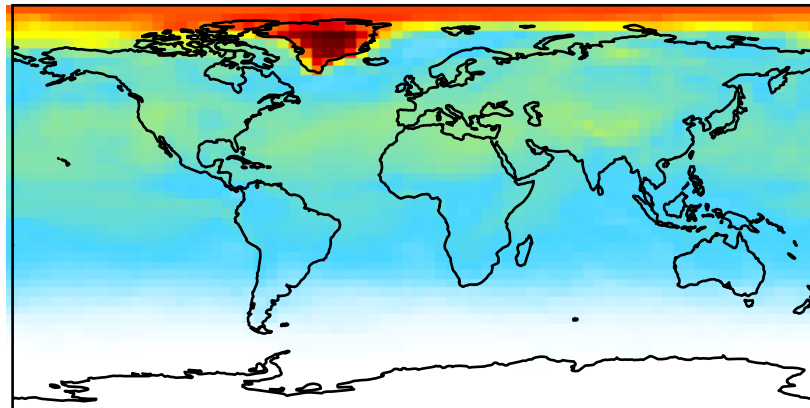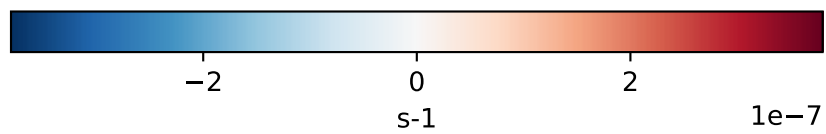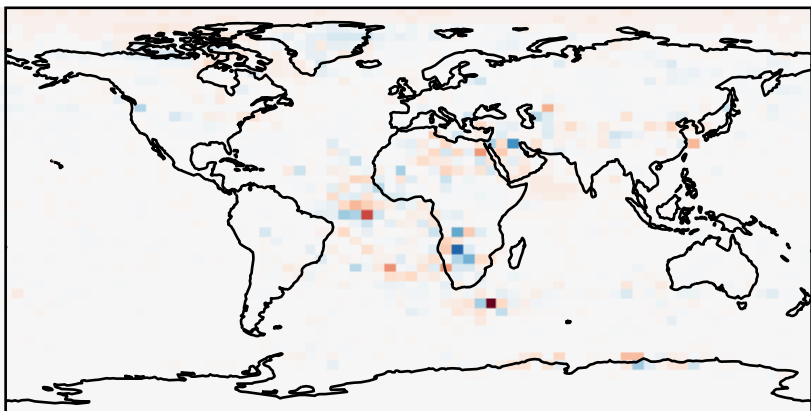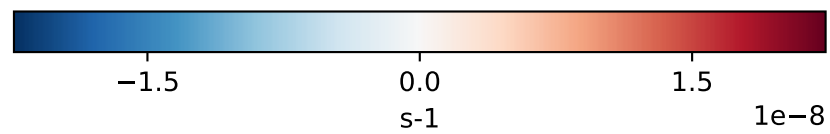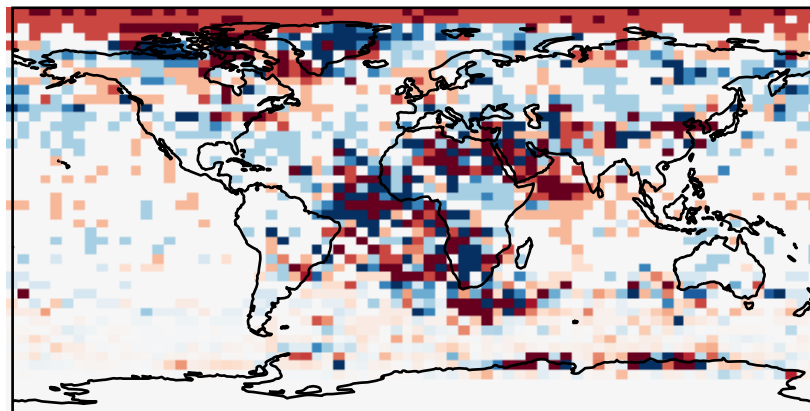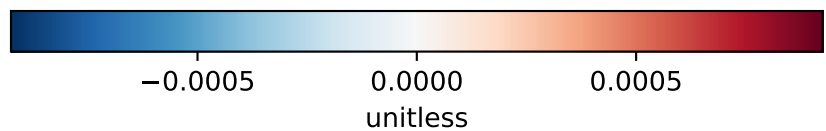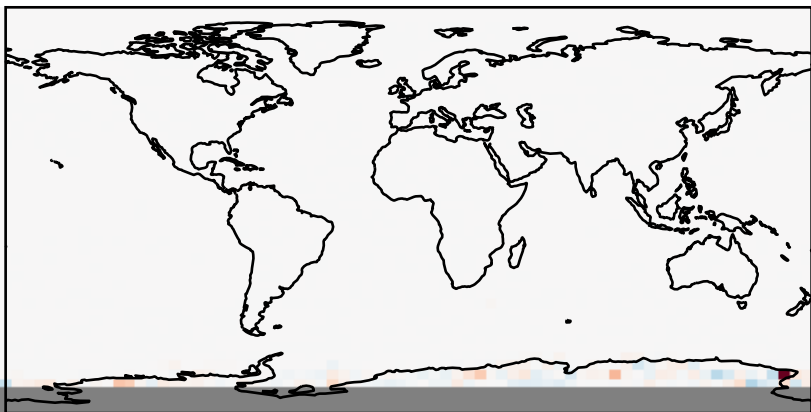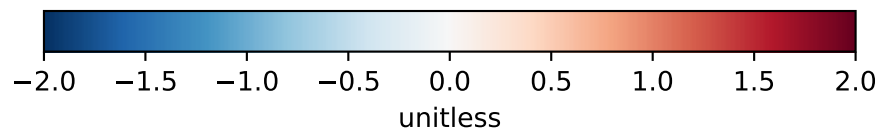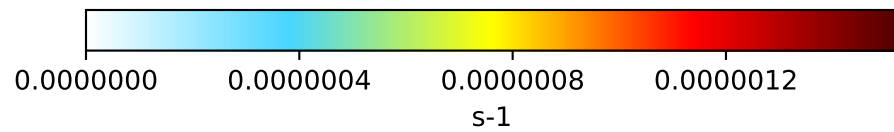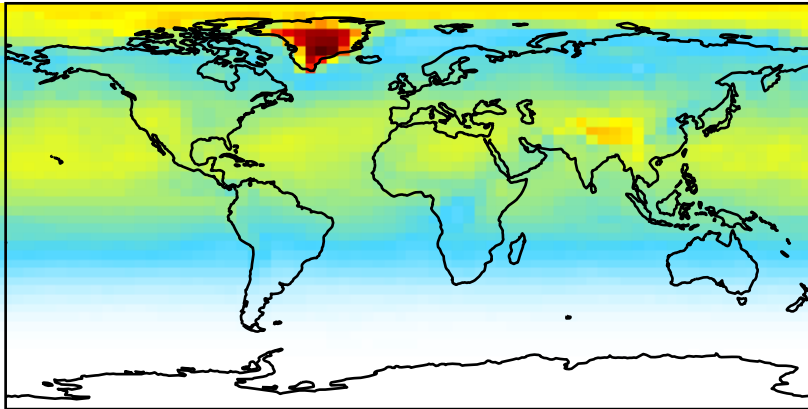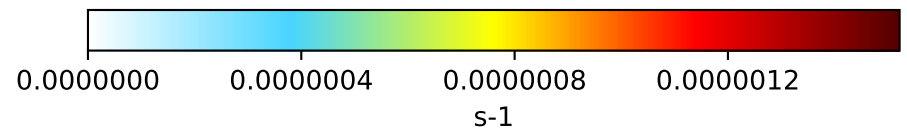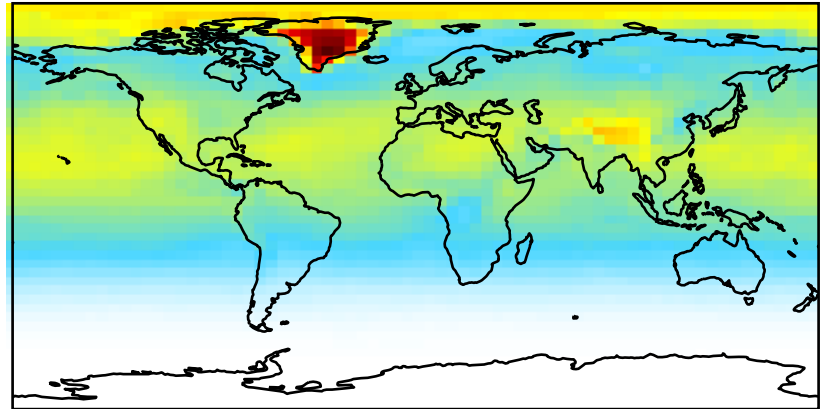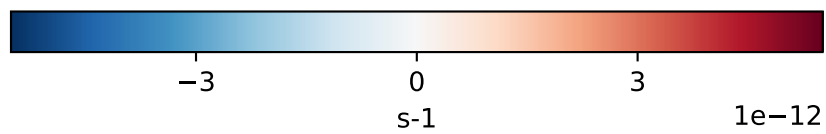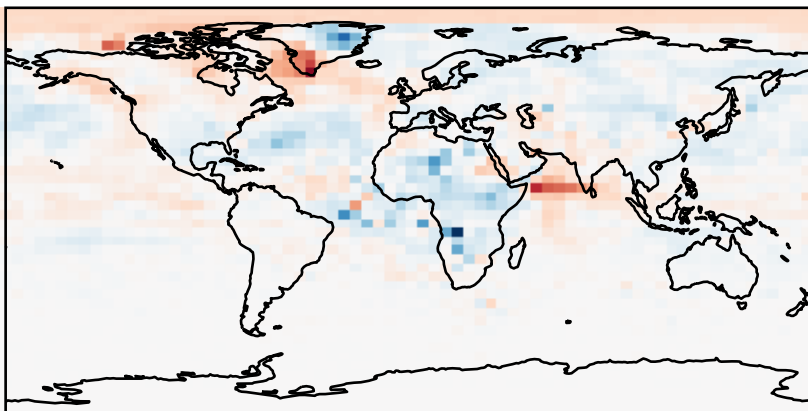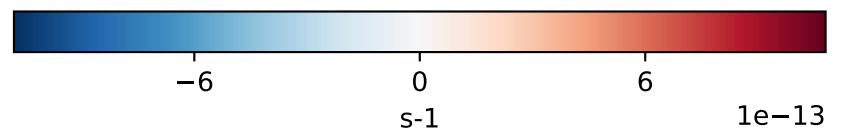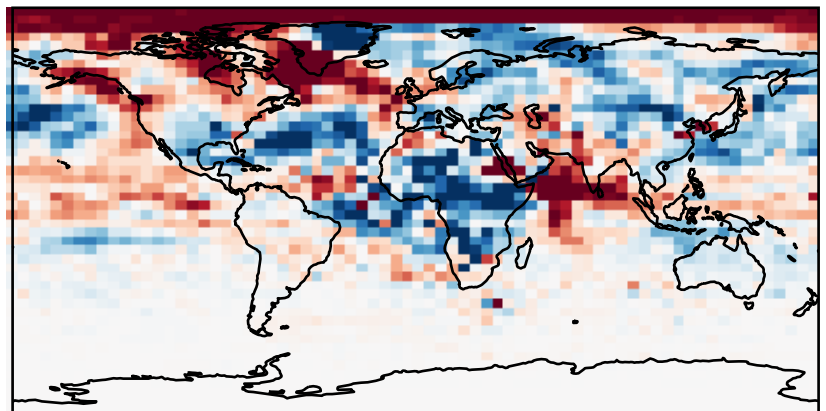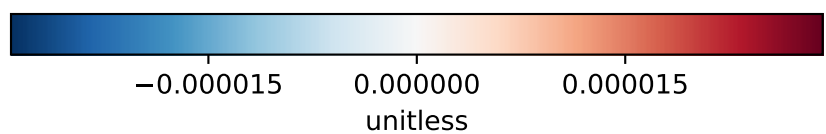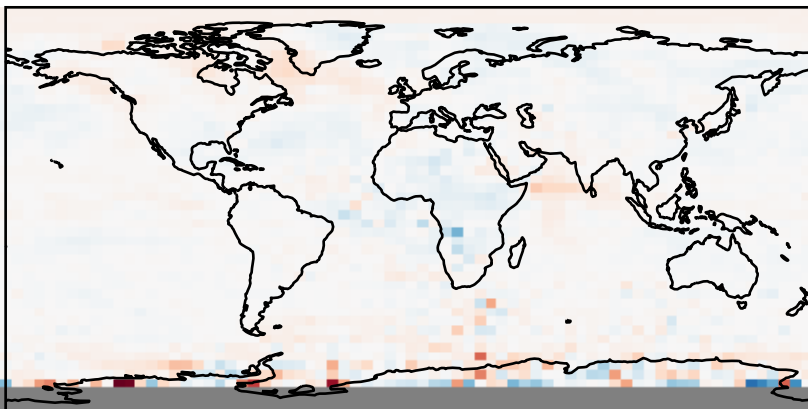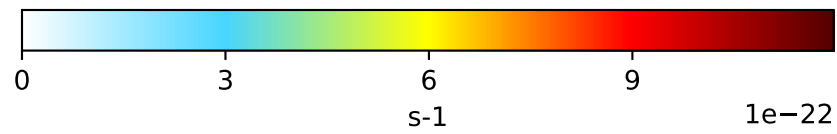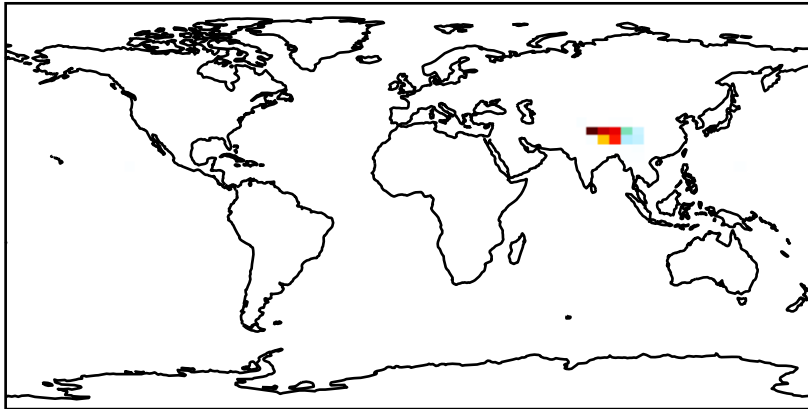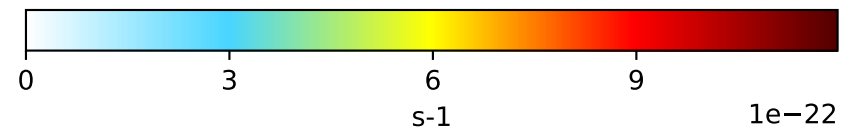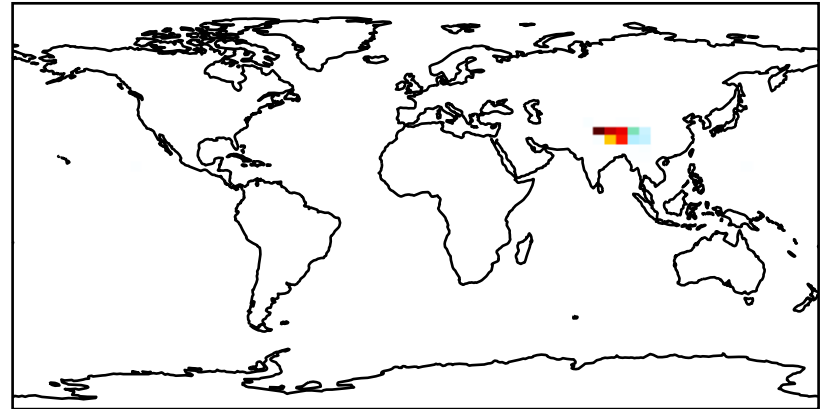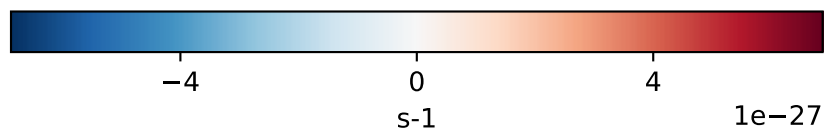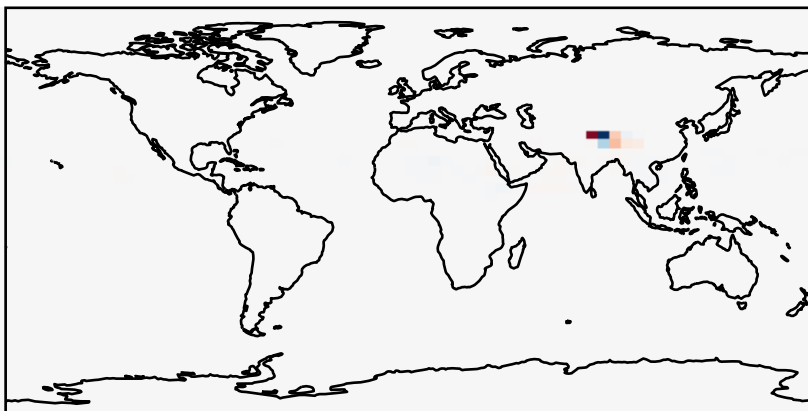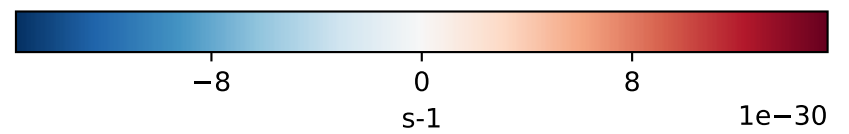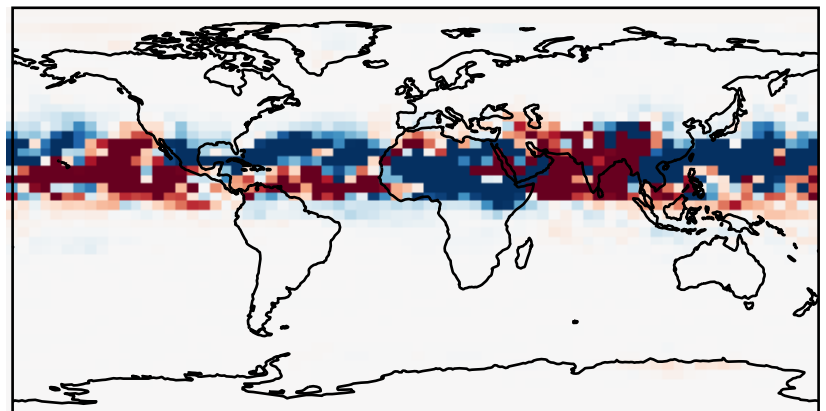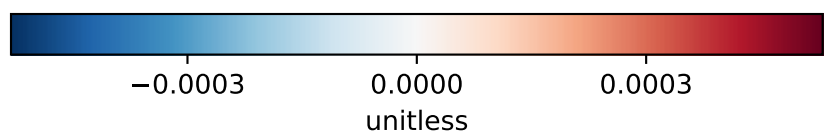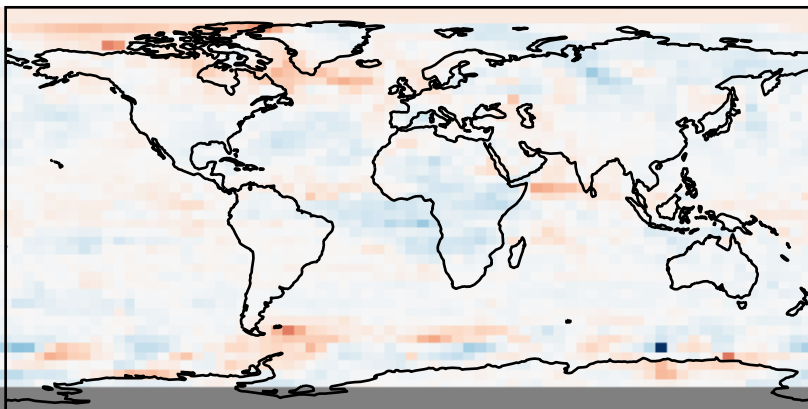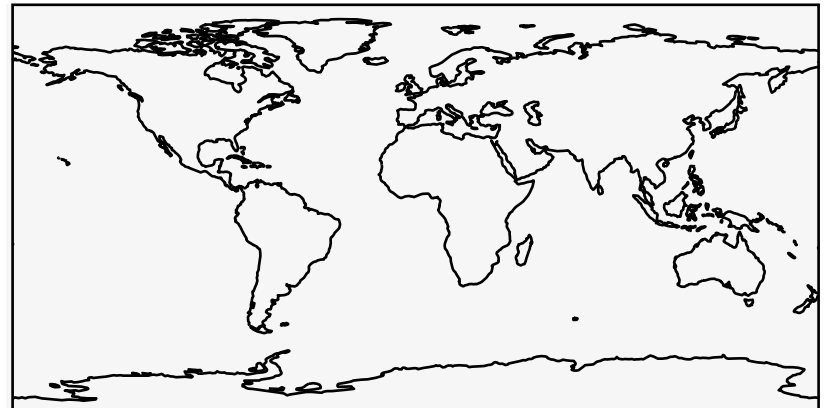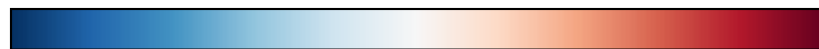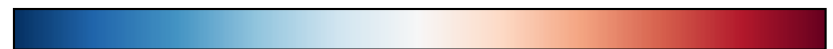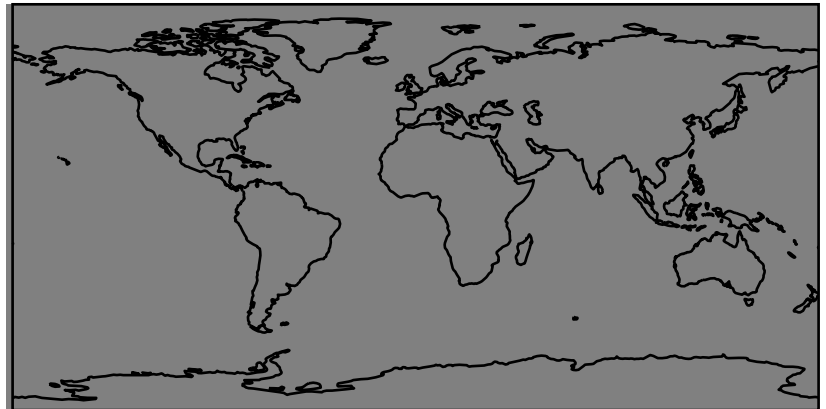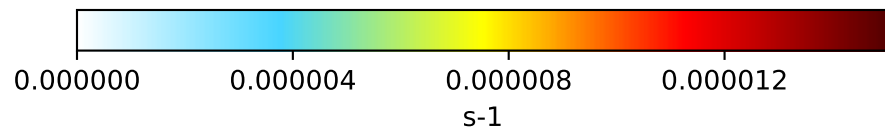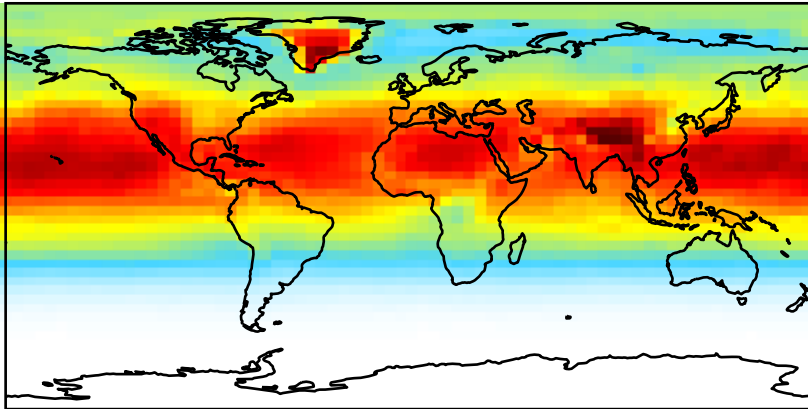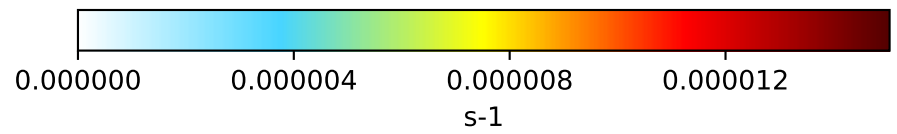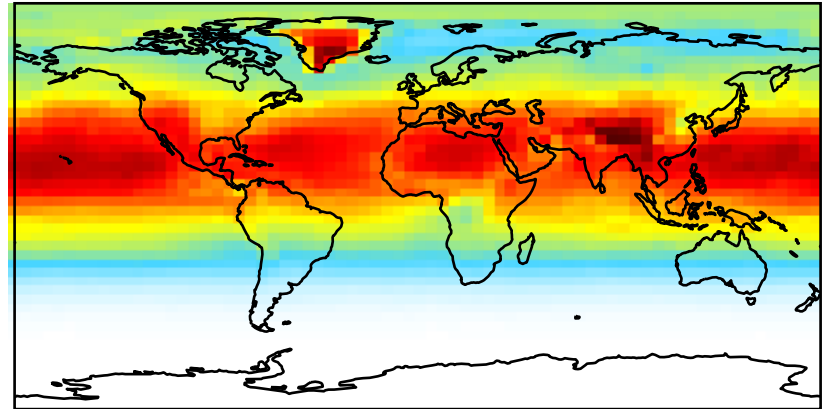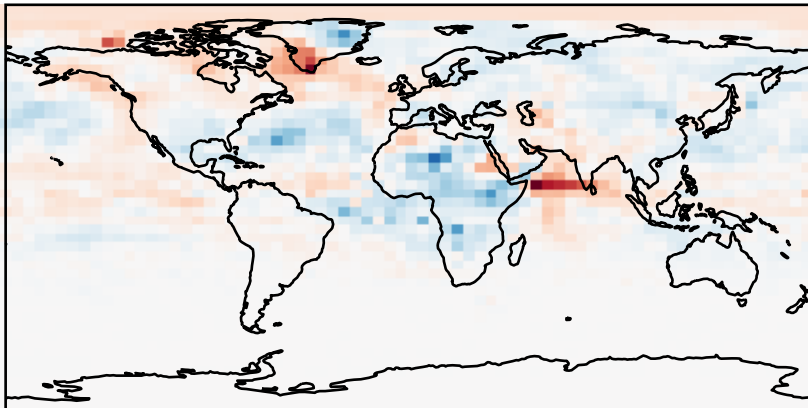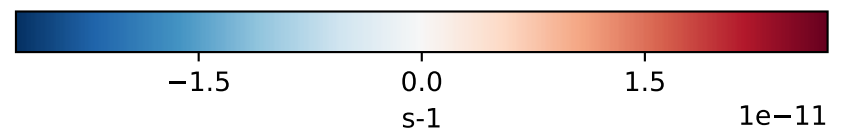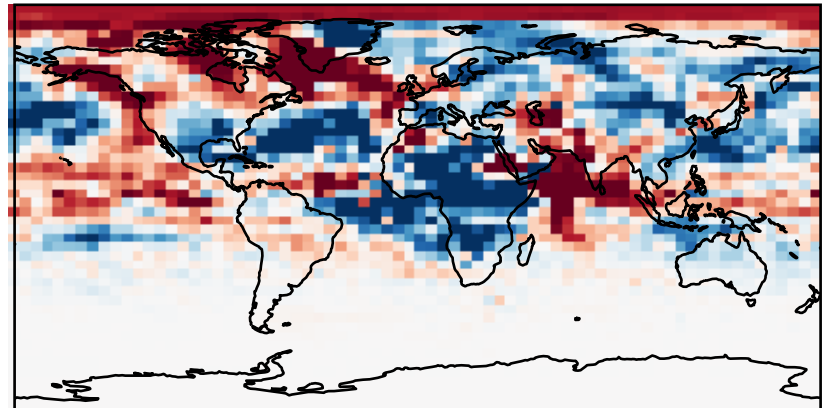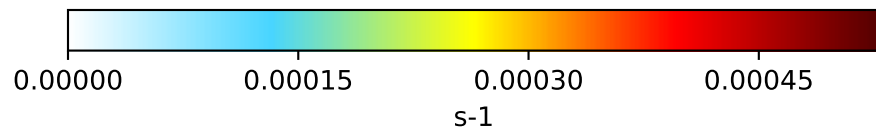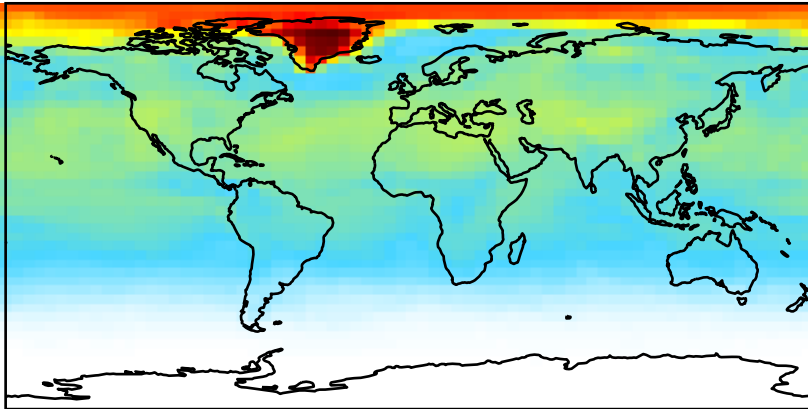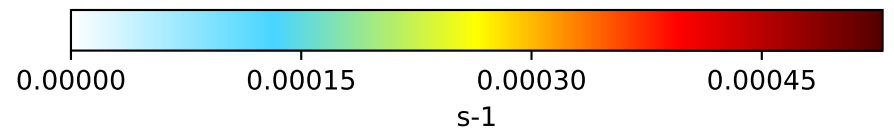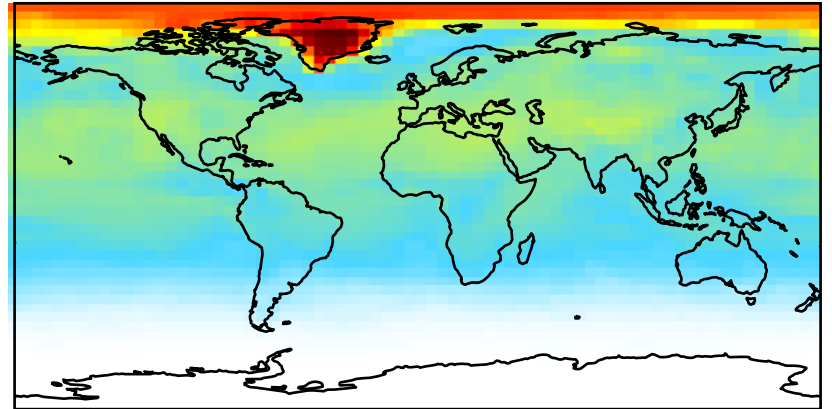Fractional Difference
(Dev-Ref)/Ref, Fixed Range

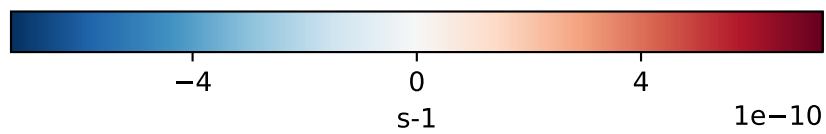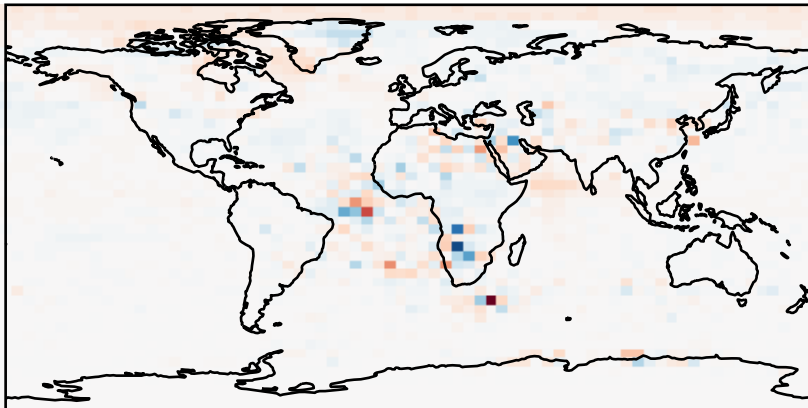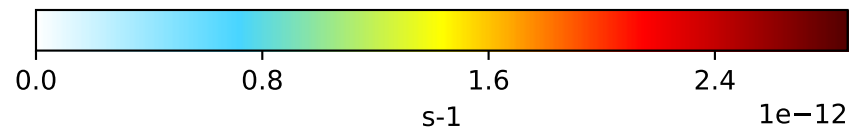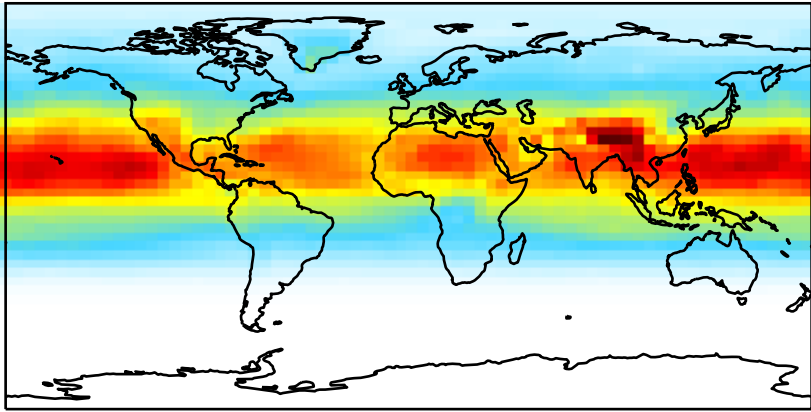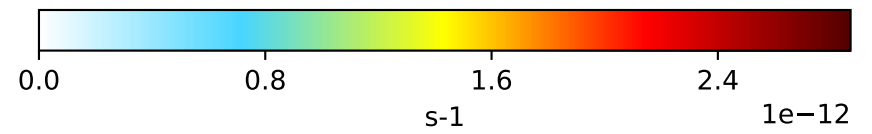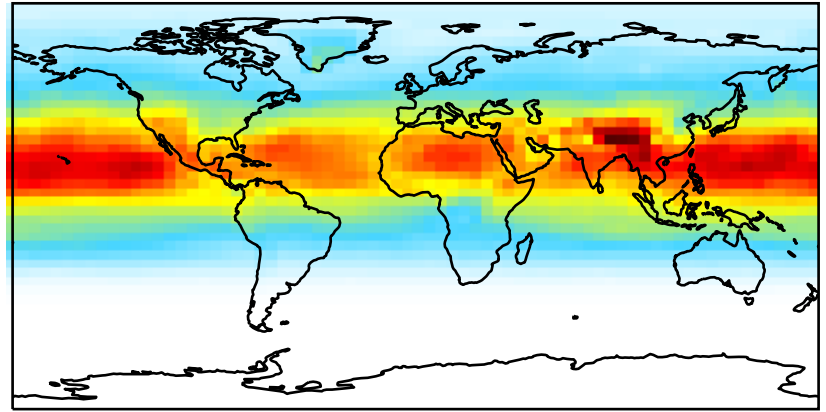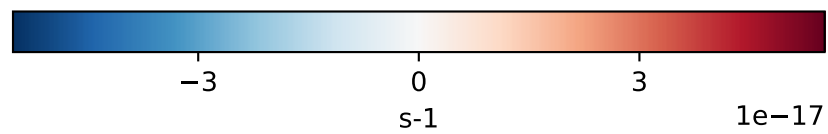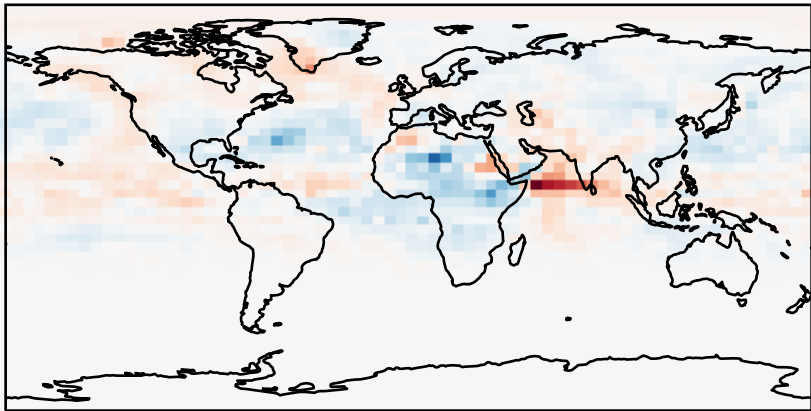Undefined throughout domain
unitless

Jval_RIPD

GC_12.7.0-rc.1 (Ref)
4x5

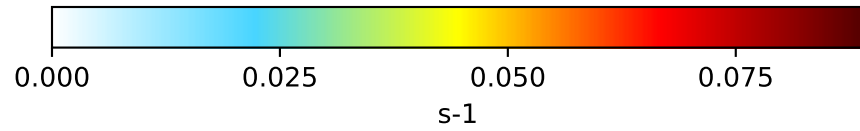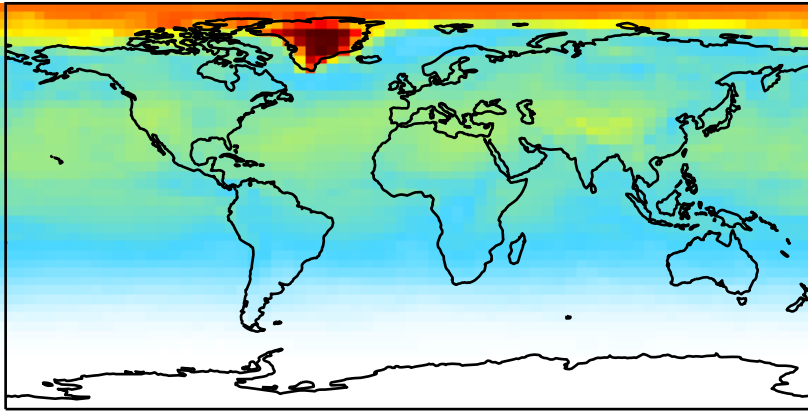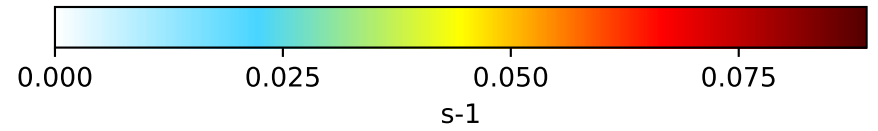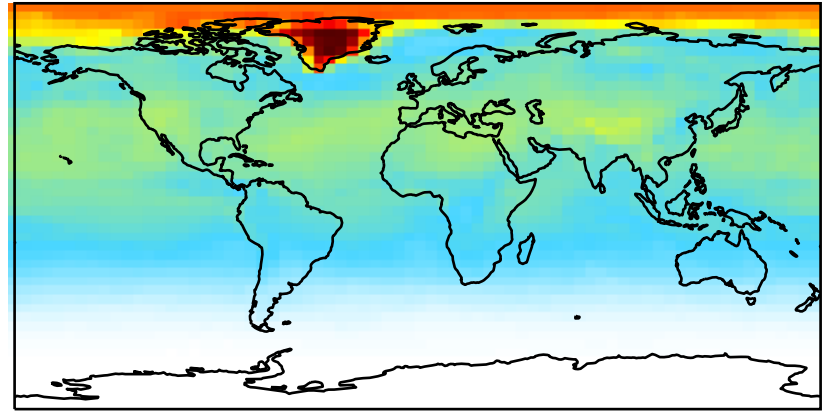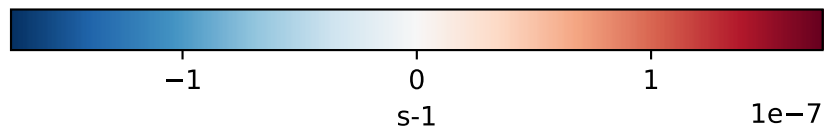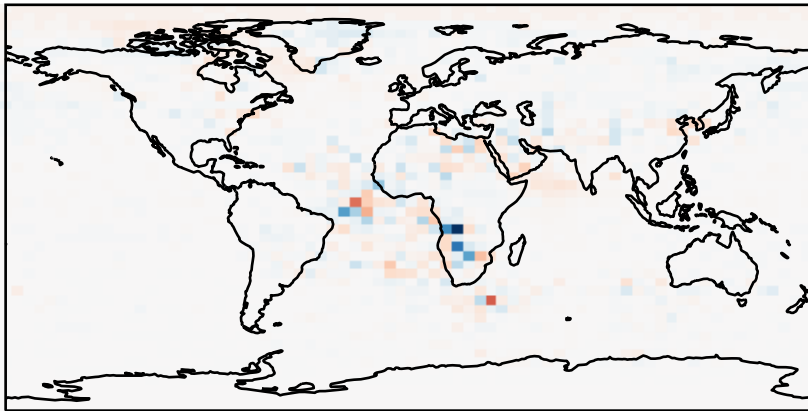Zero throughout domain
s-1

GC_12.7.0-rc.2 (Dev)
4x5

Zero throughout domain
s-1

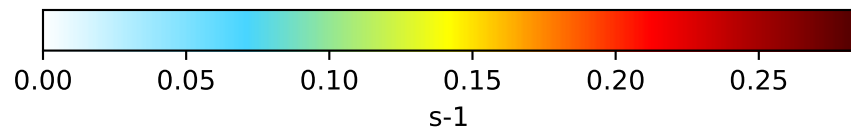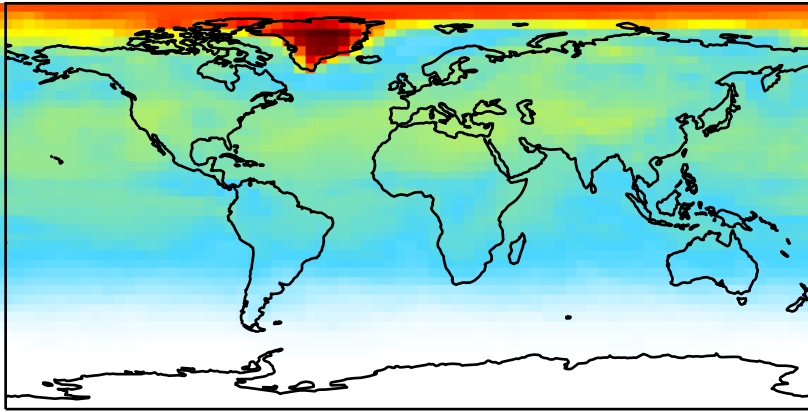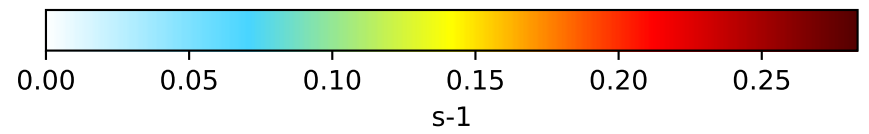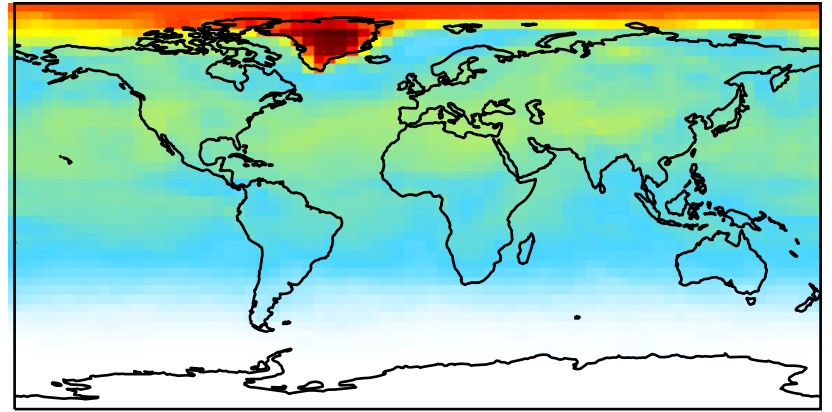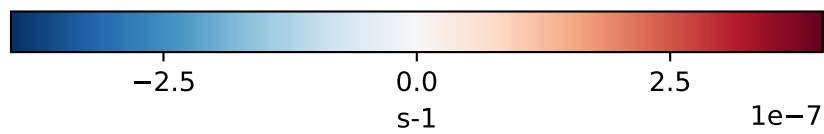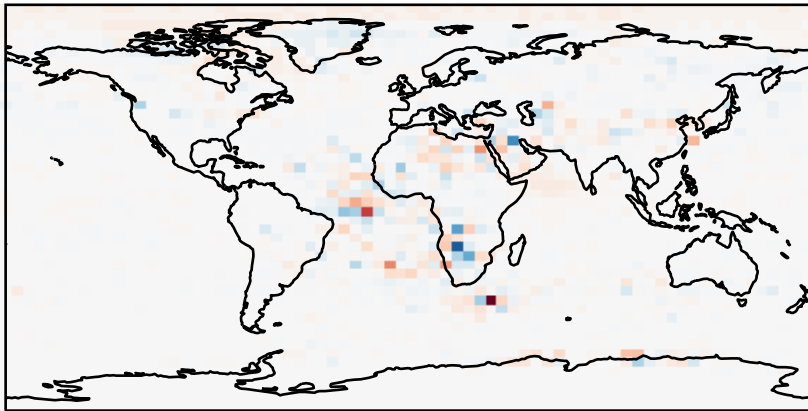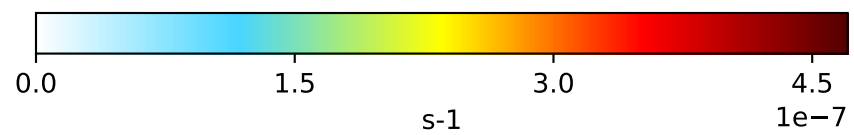Difference
Dev - Ref, Dynamic Range

Zero throughout domain
s-1

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

Zero throughout domain
s-1

Fractional Difference
(Dev-Ref)/Ref, Dynamic Range

Undefined throughout domain
unitless
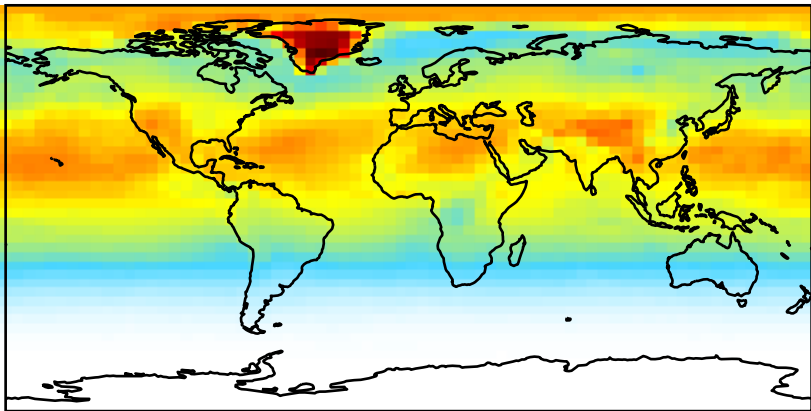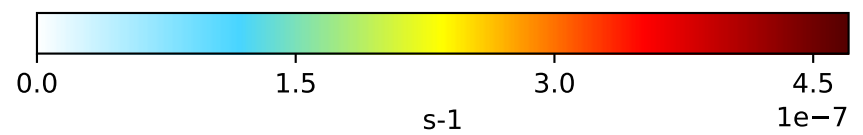
Fractional Difference
(Dev-Ref)/Ref, Fixed Range

Undefined throughout domain
unitless

Jval_RP

Jval_SO4

GC_12.7.0-rc.1 (Ref)
4x5

GC_12.7.0-rc.2 (Dev)
4x5

Zero throughout domain
s-1

Zero throughout domain
s-1

Difference
Dev - Ref, Dynamic Range

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

Zero throughout domain
s-1

Zero throughout domain
s-1

Fractional Difference
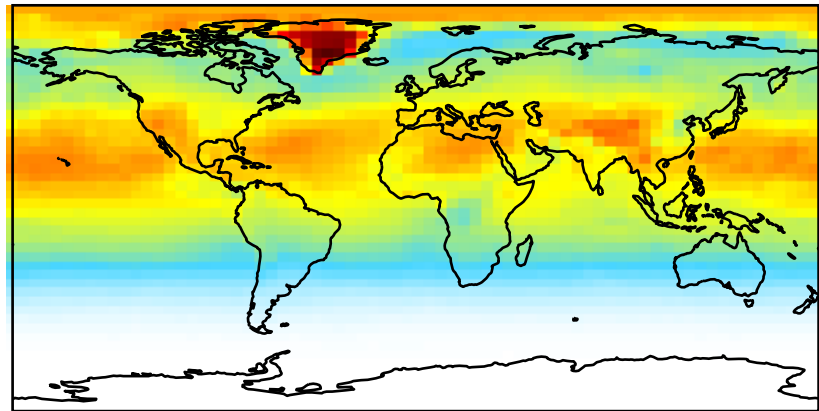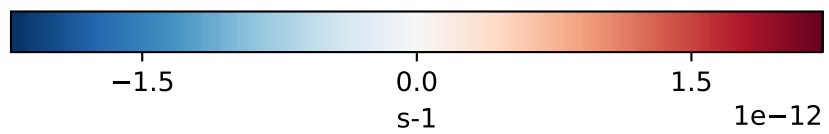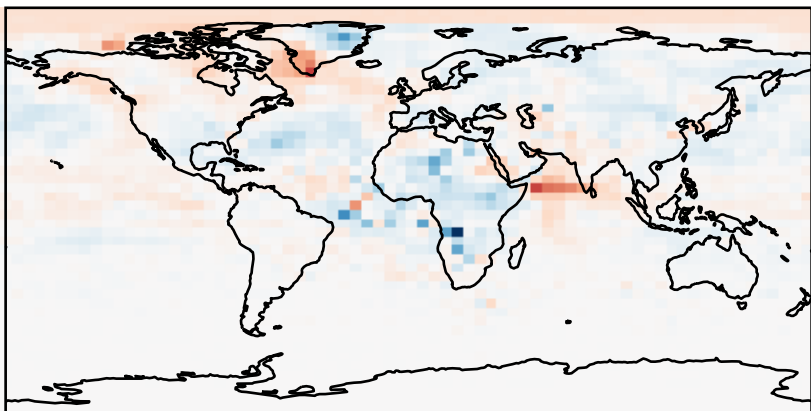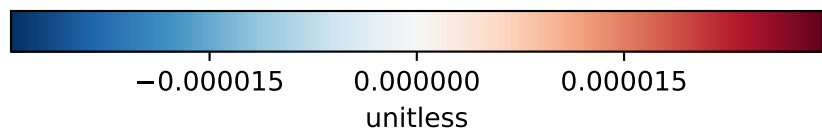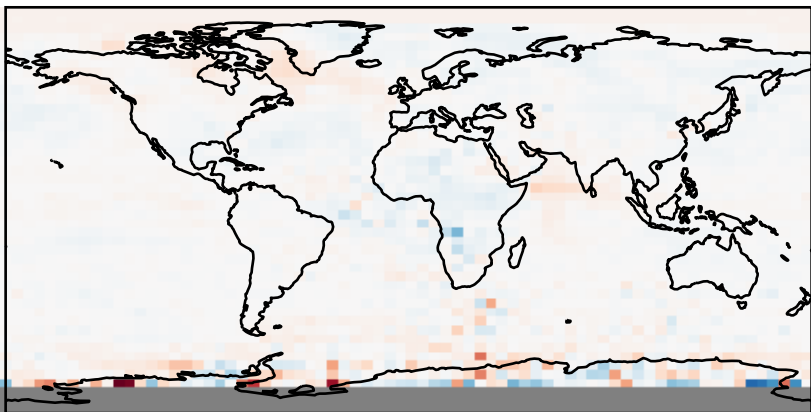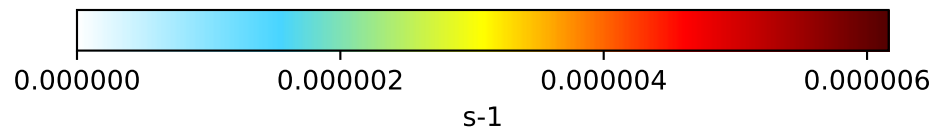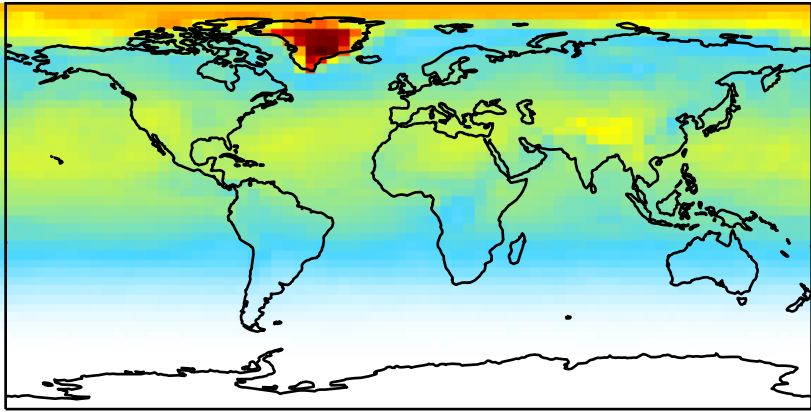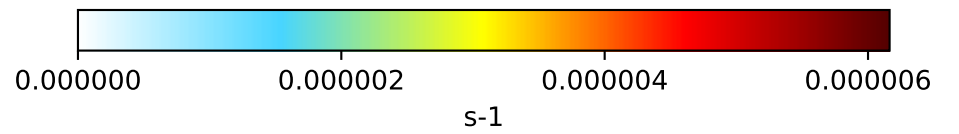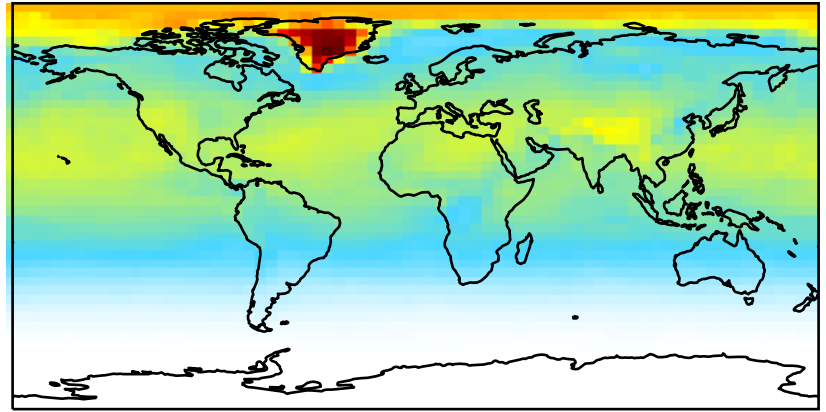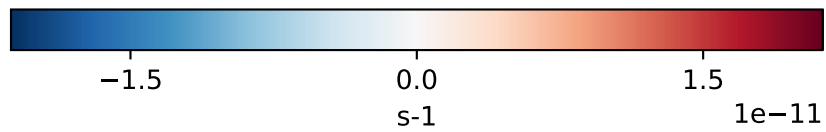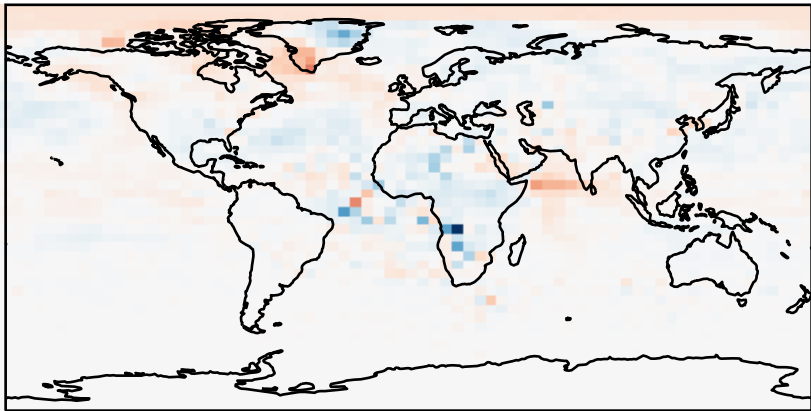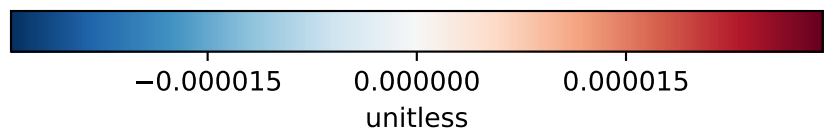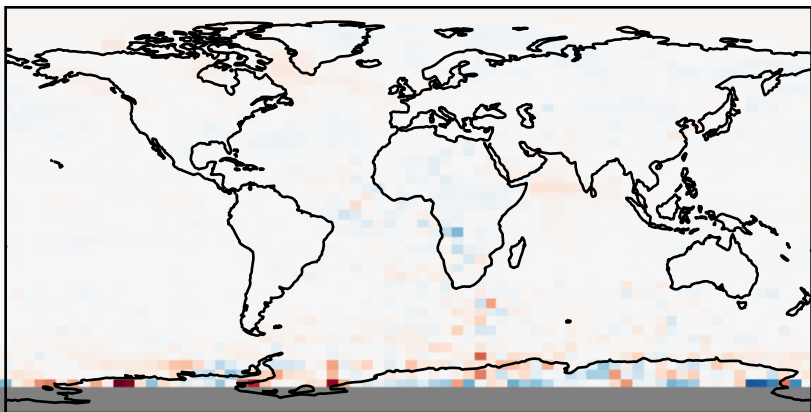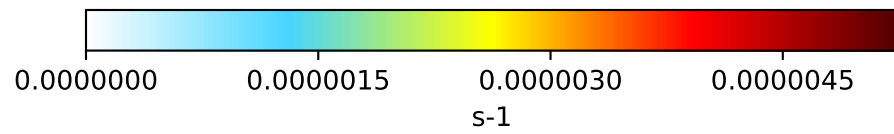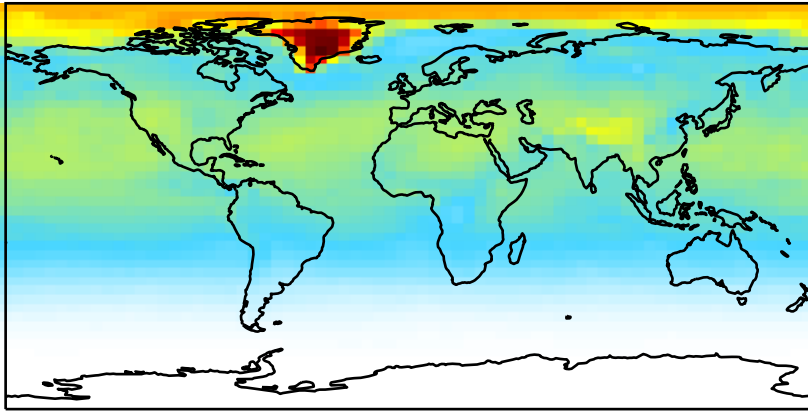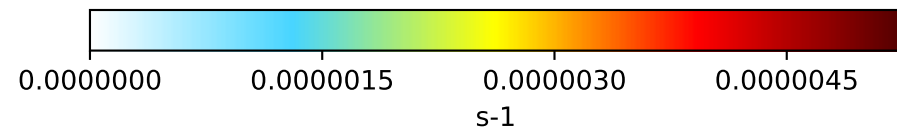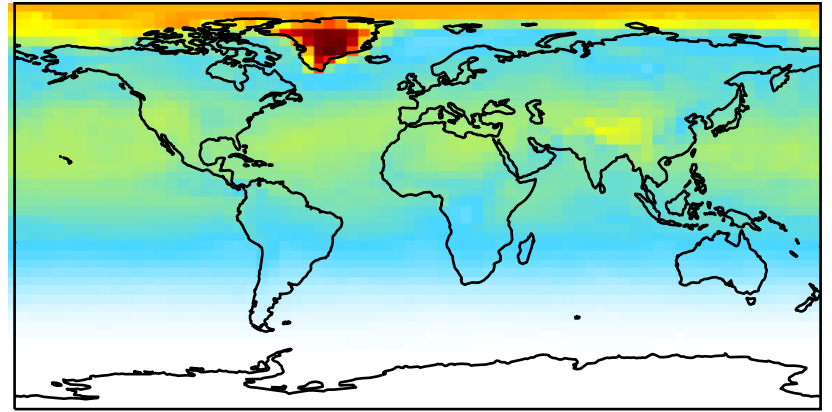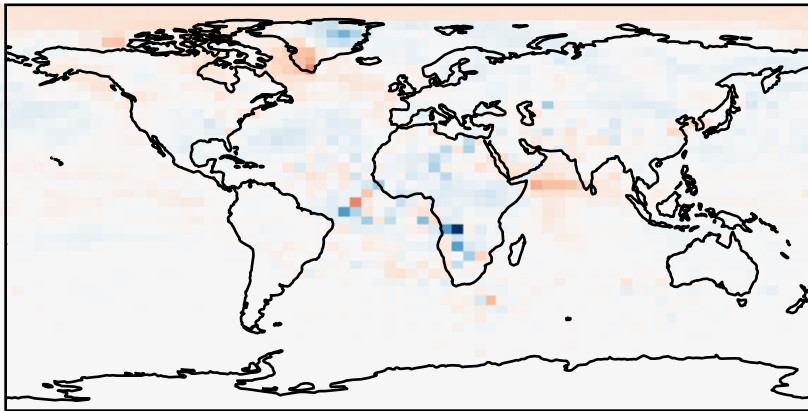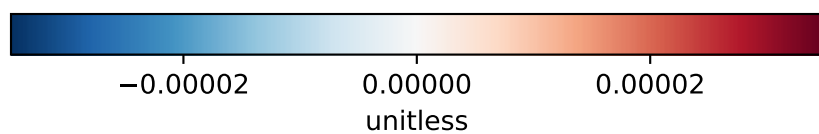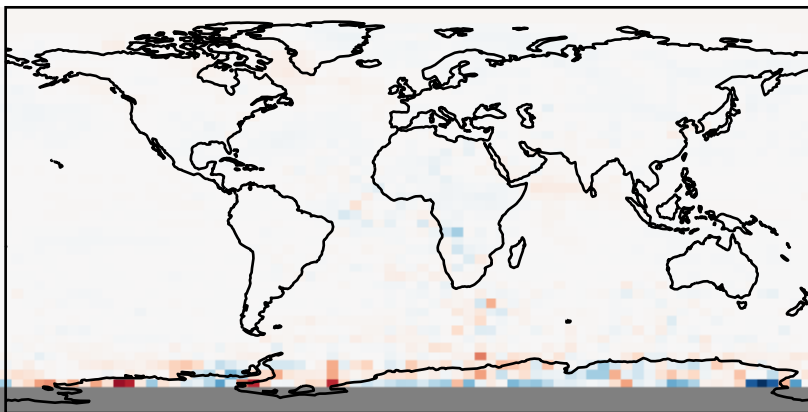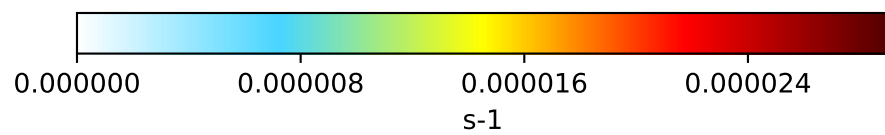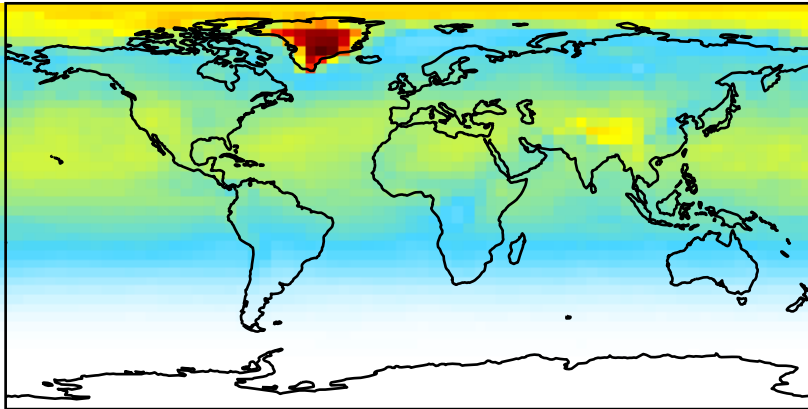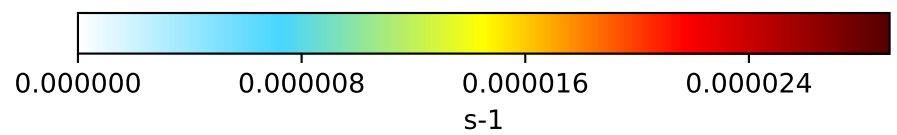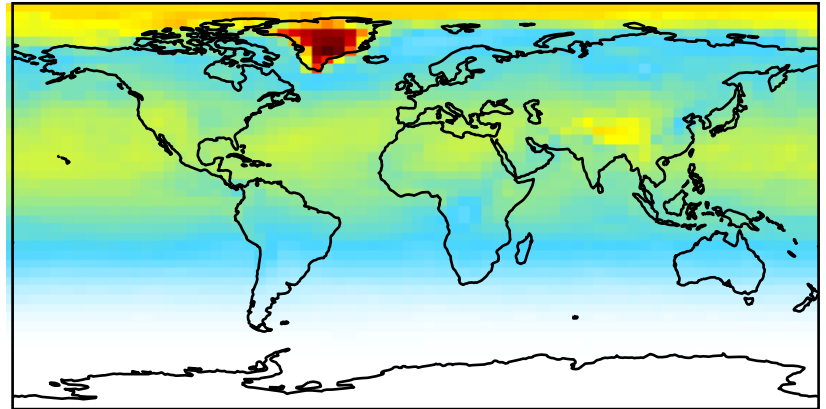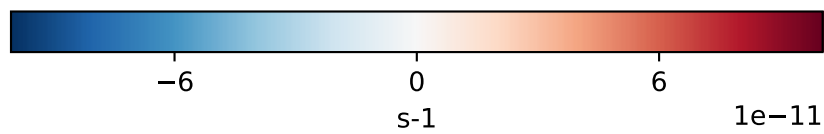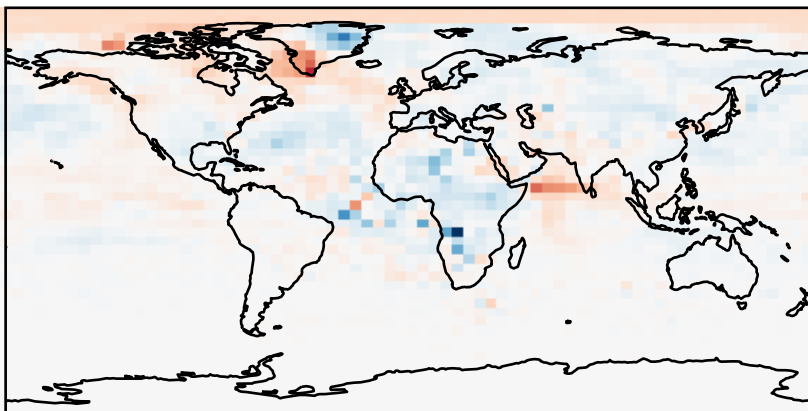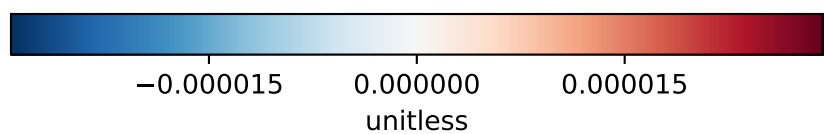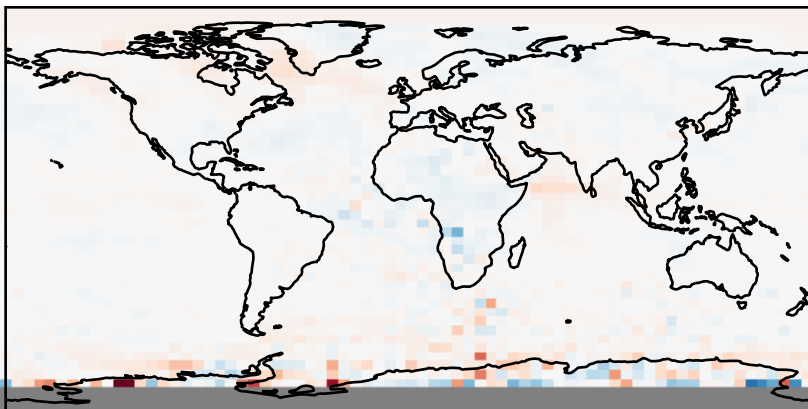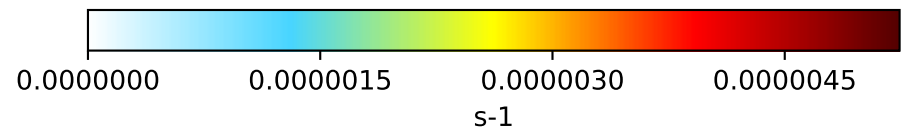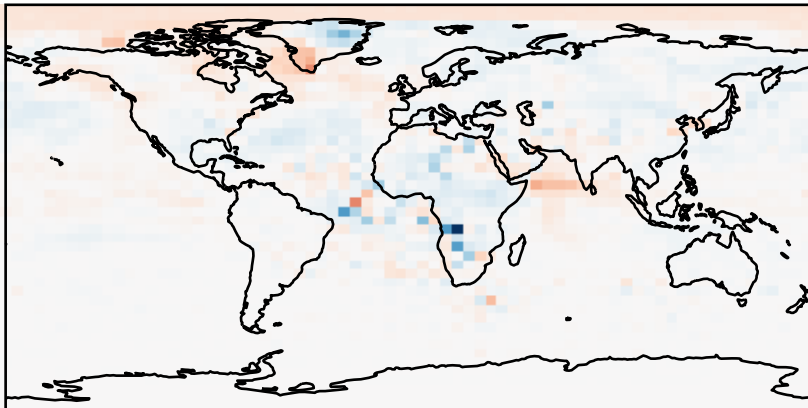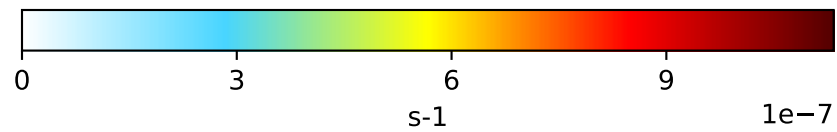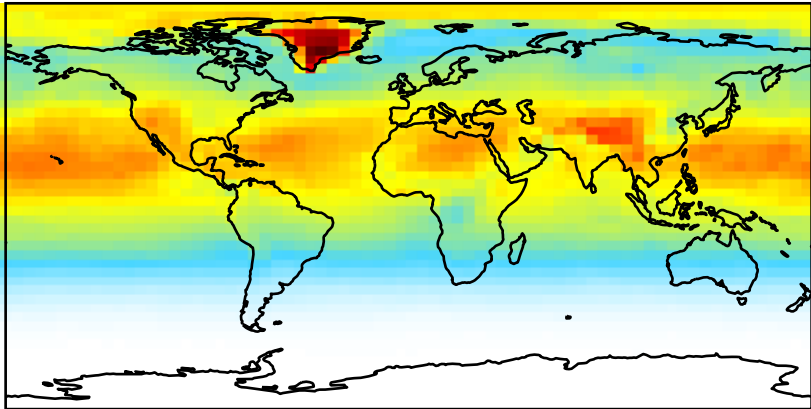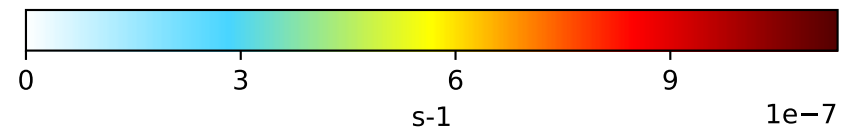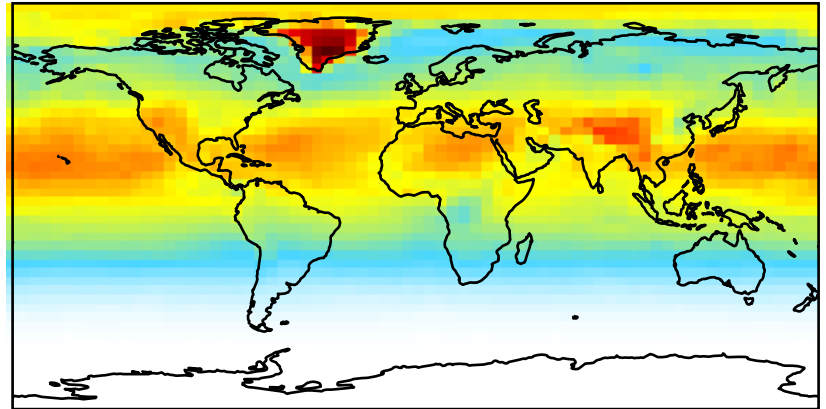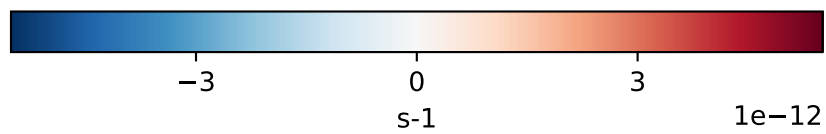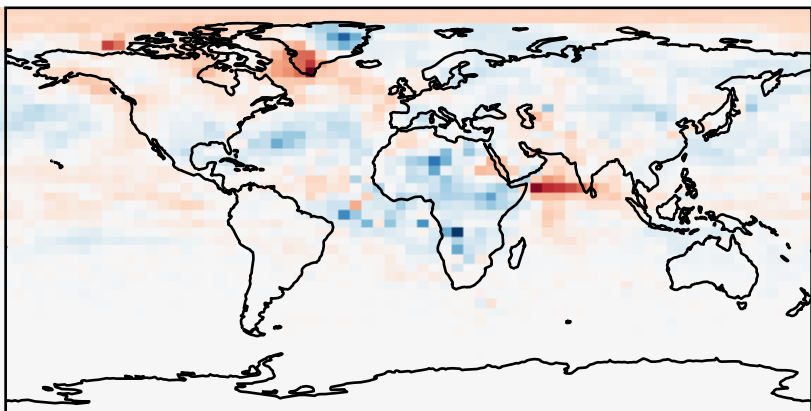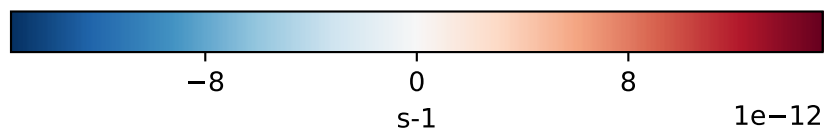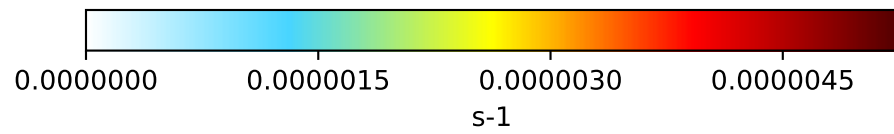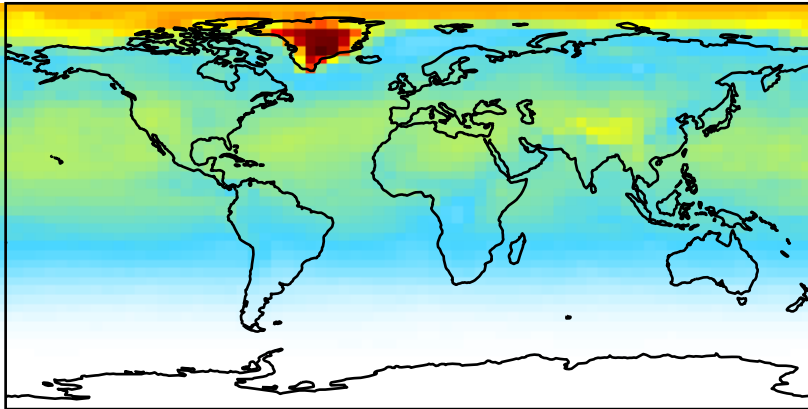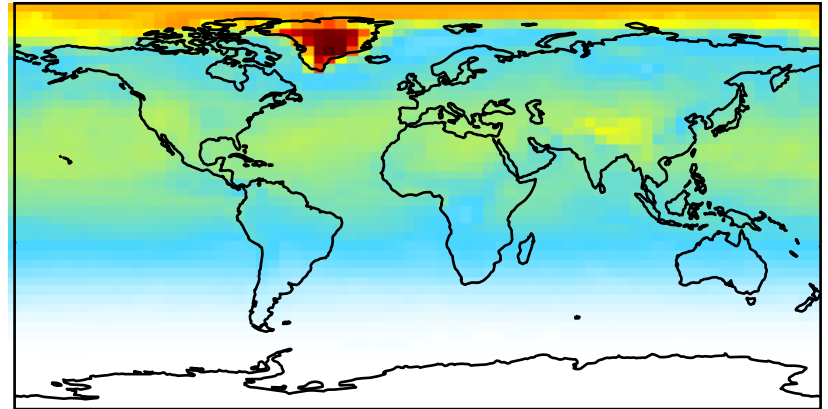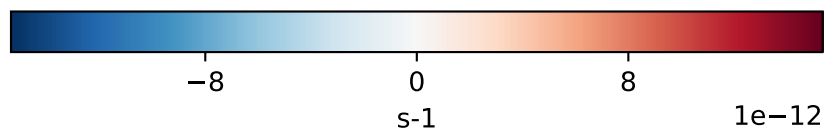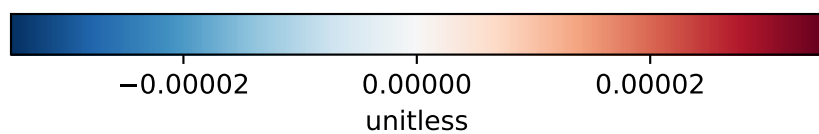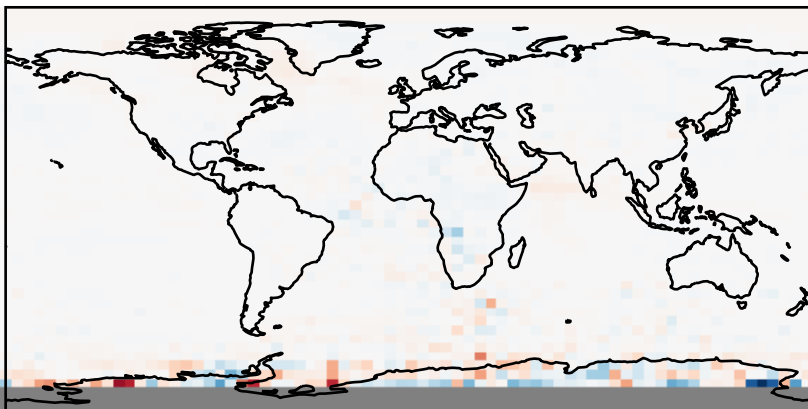(Dev-Ref)/Ref, Dynamic Range

Fractional Difference
(Dev-Ref)/Ref, Fixed Range

Undefined throughout domain
unitless

Undefined throughout domain
unitless
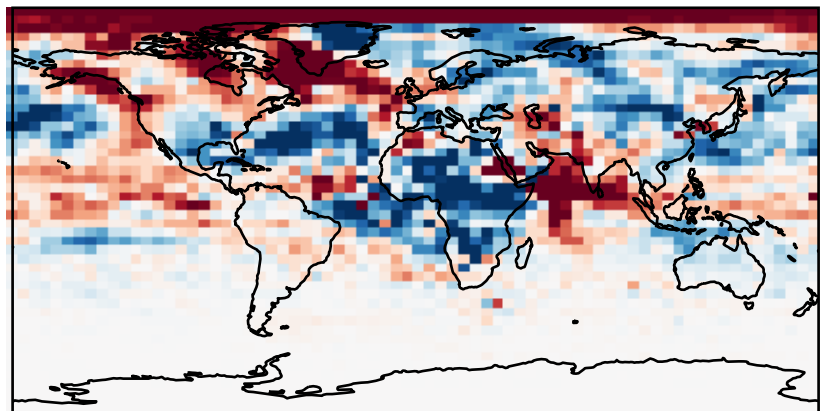
Jval_VRP

GC_12.7.0-rc.1 (Ref)
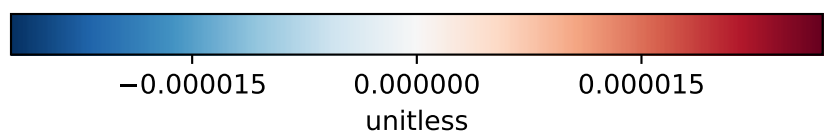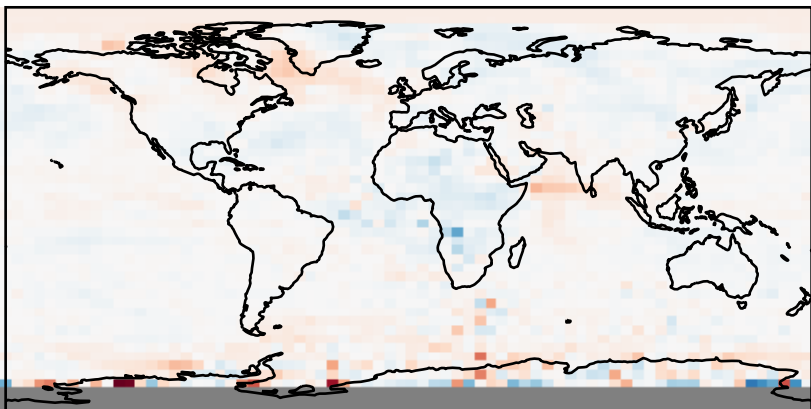4x5

GC_12.7.0-rc.2 (Dev)
4x5

Difference
Dev - Ref, Dynamic Range

Difference
Dev - Ref, Restricted Range [5%,95%]
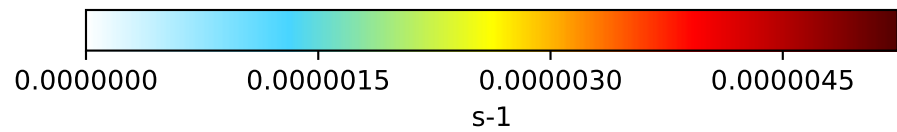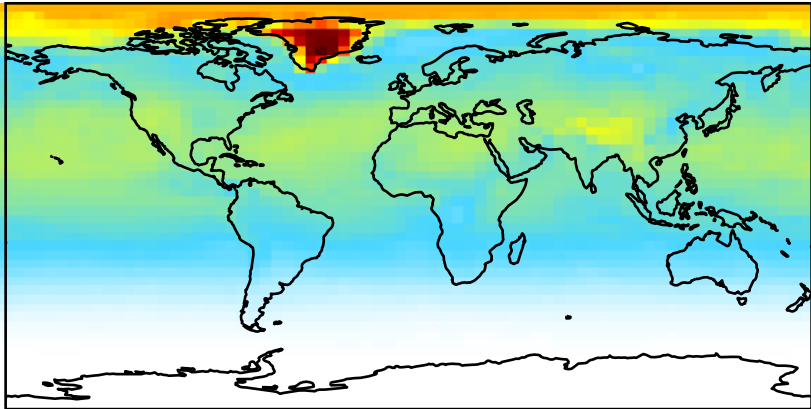
Fractional Difference
(Dev-Ref)/Ref, Dynamic Range

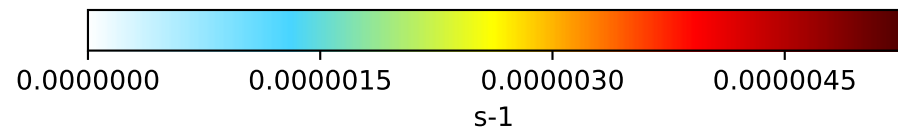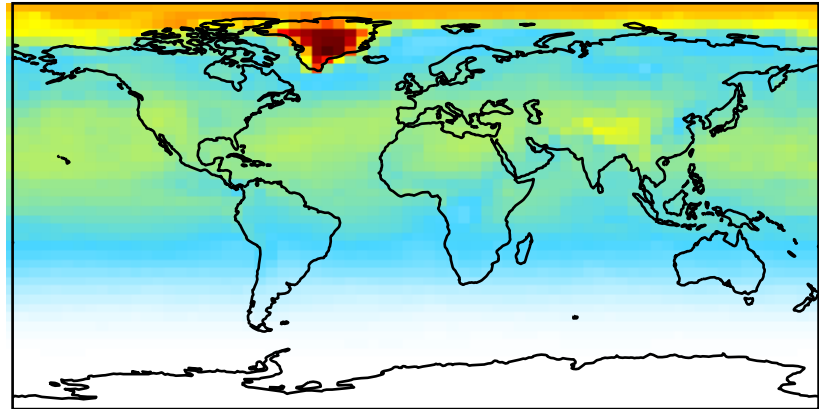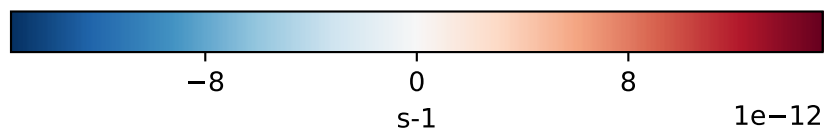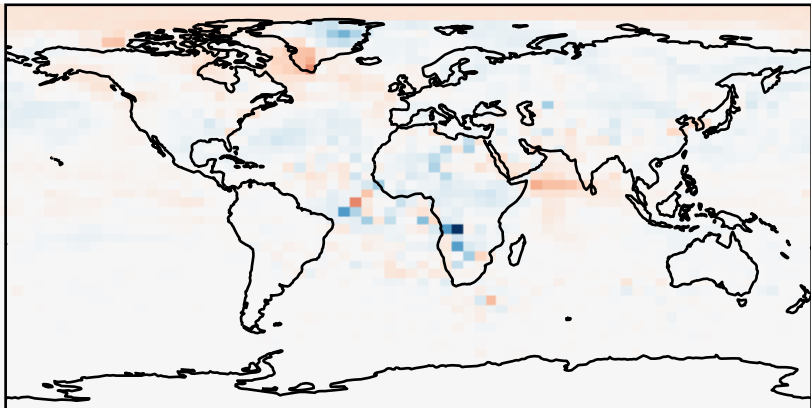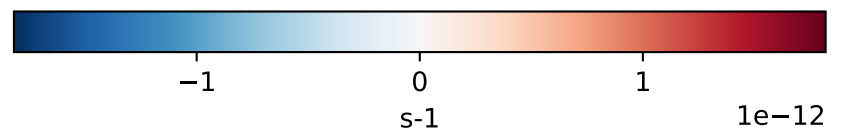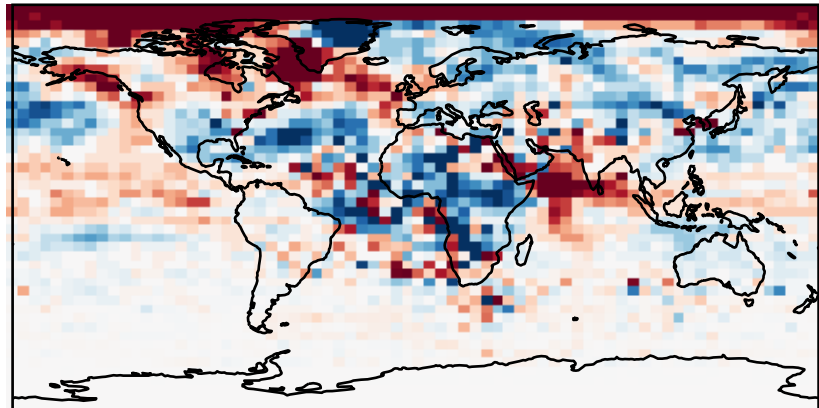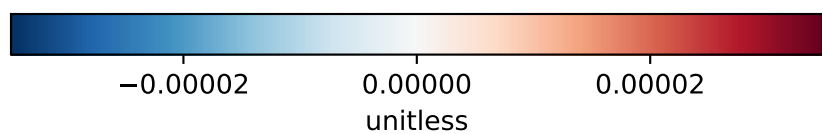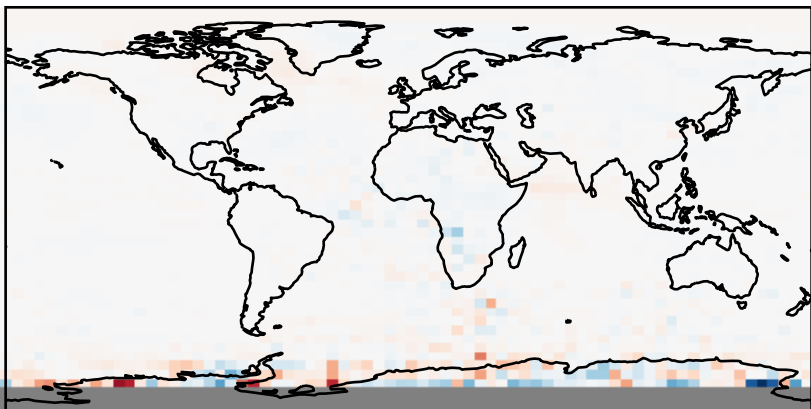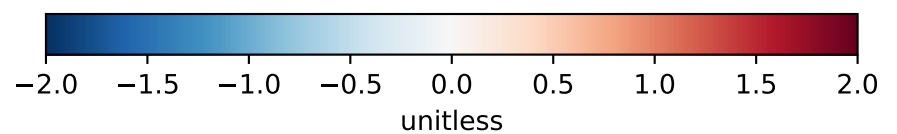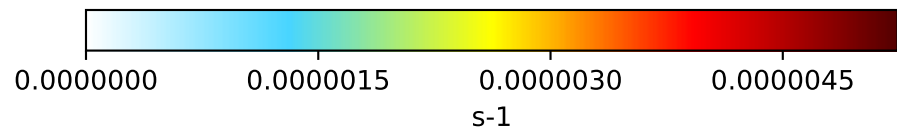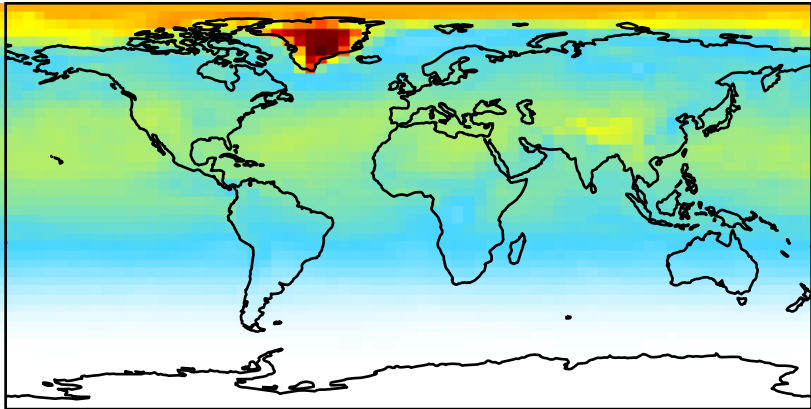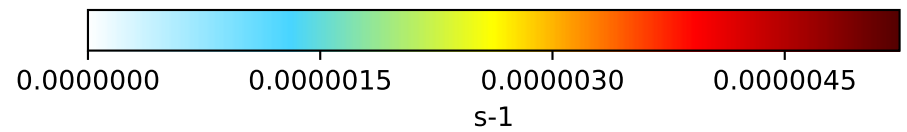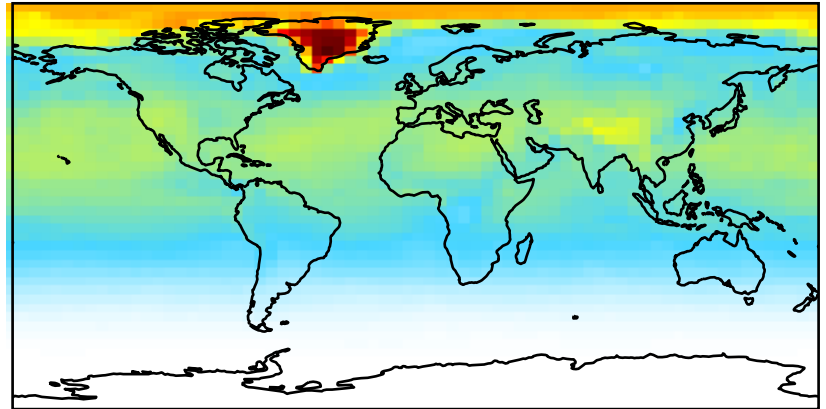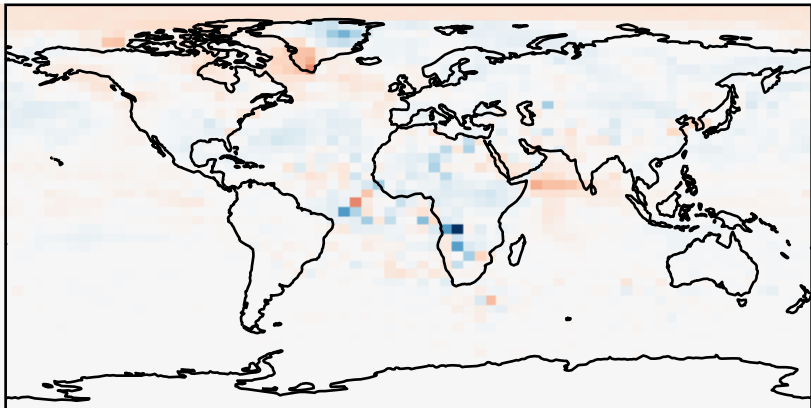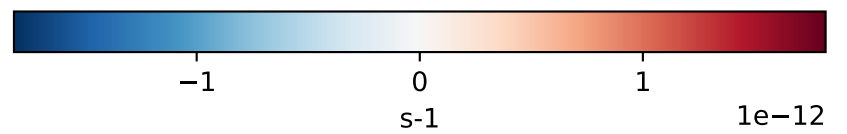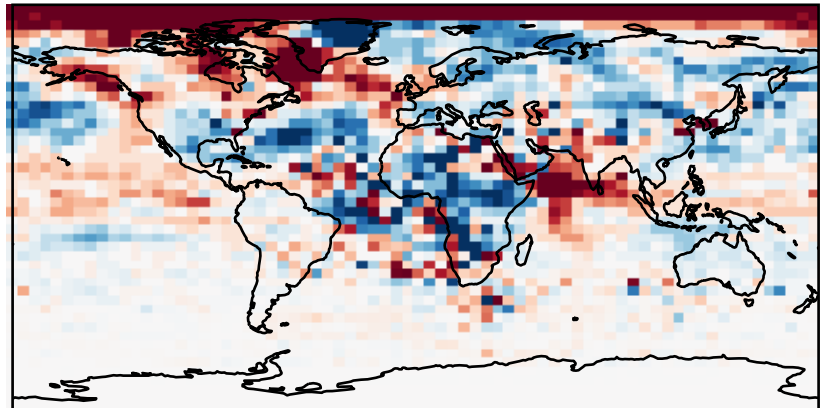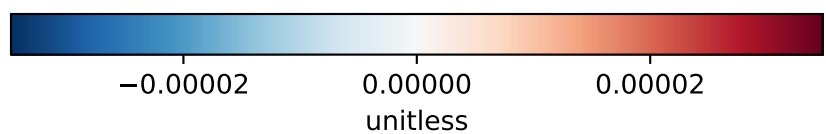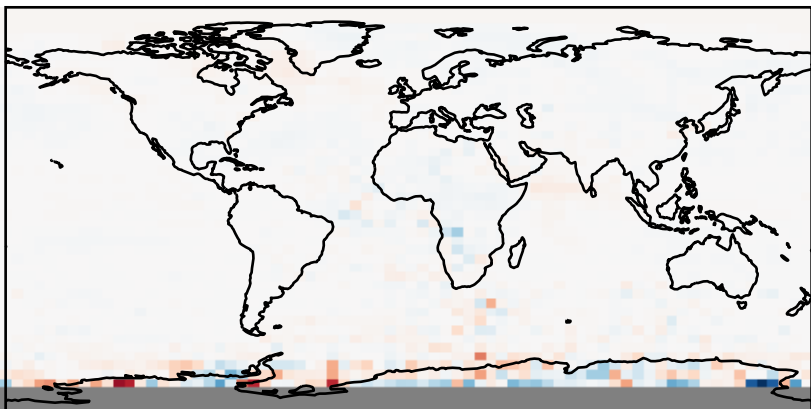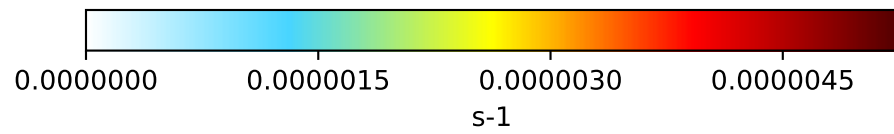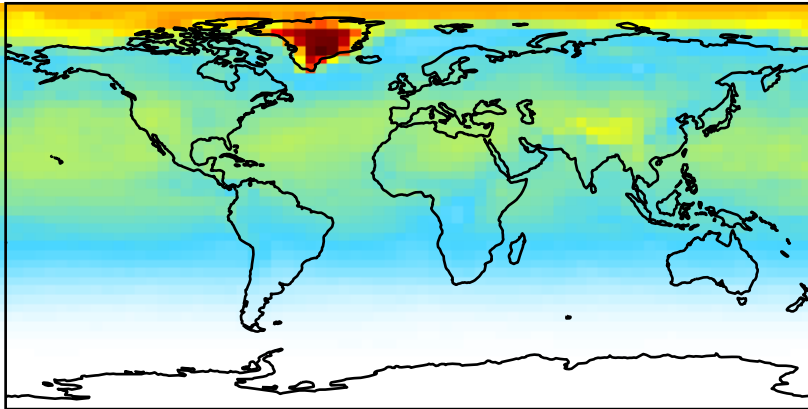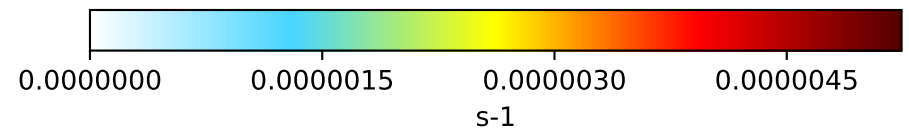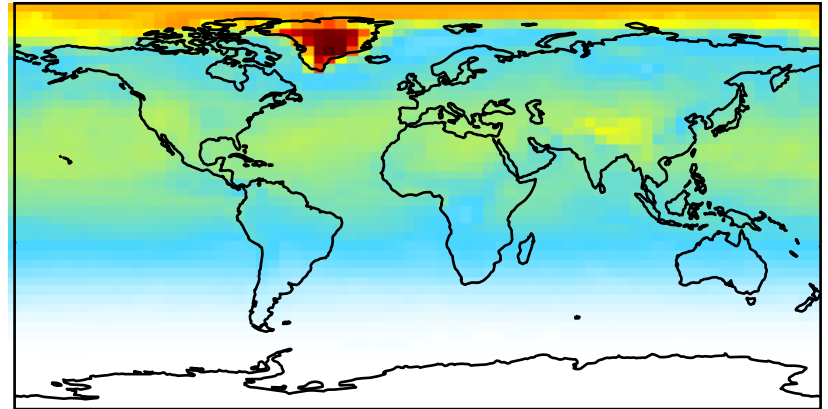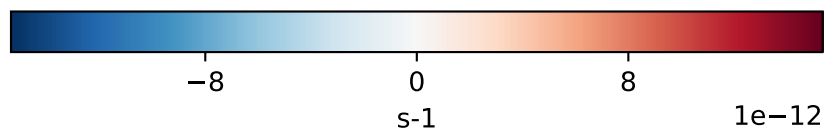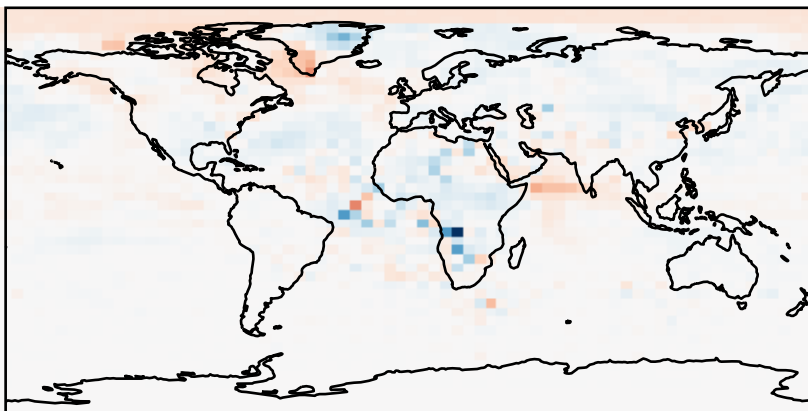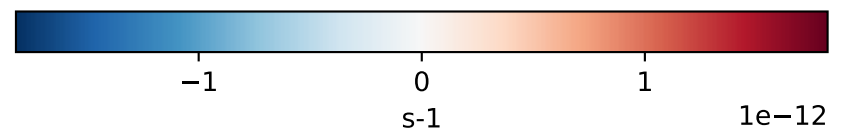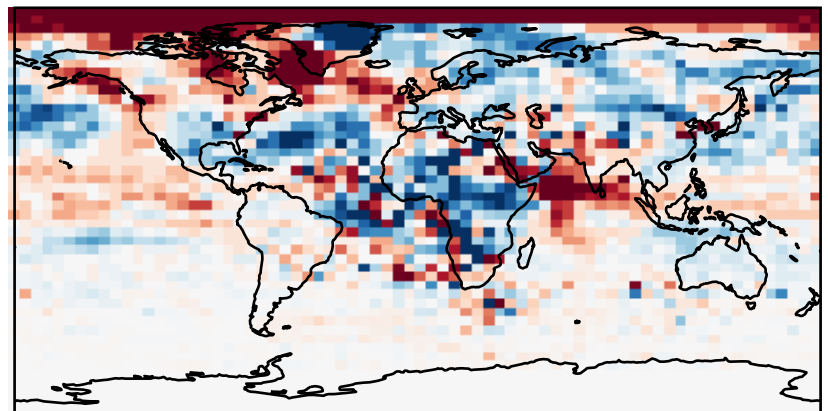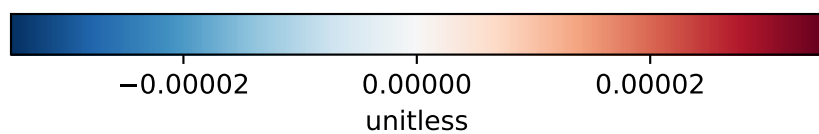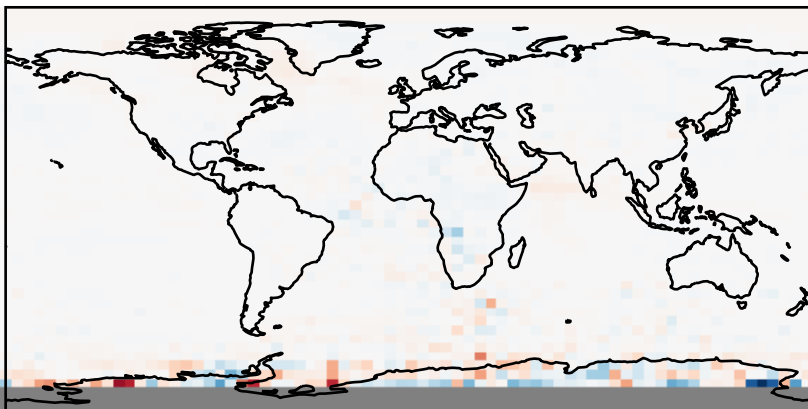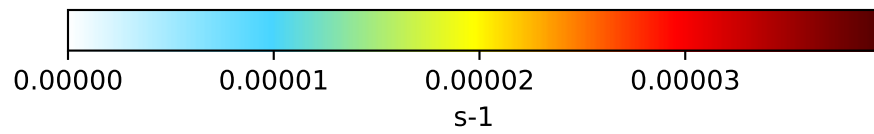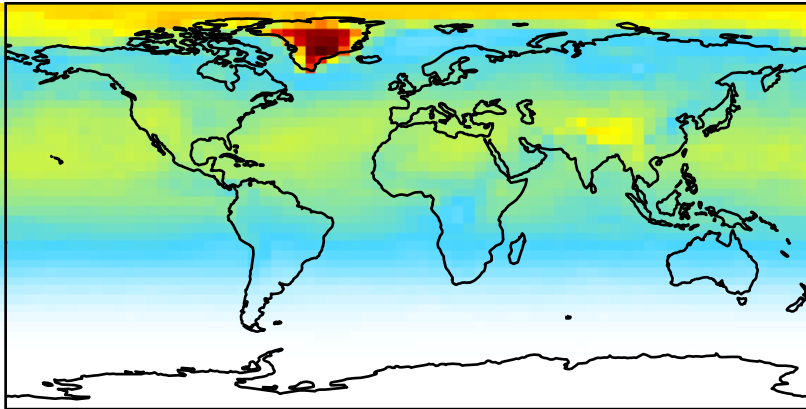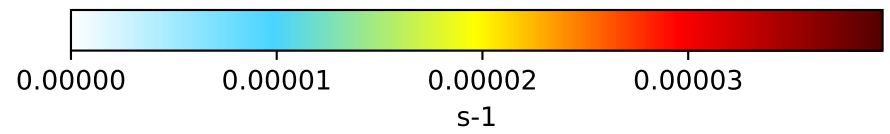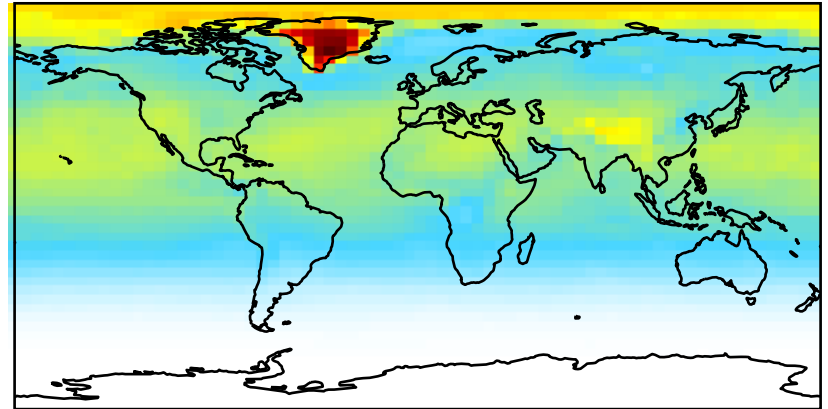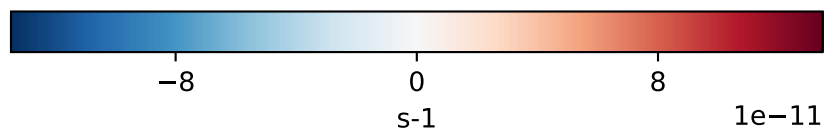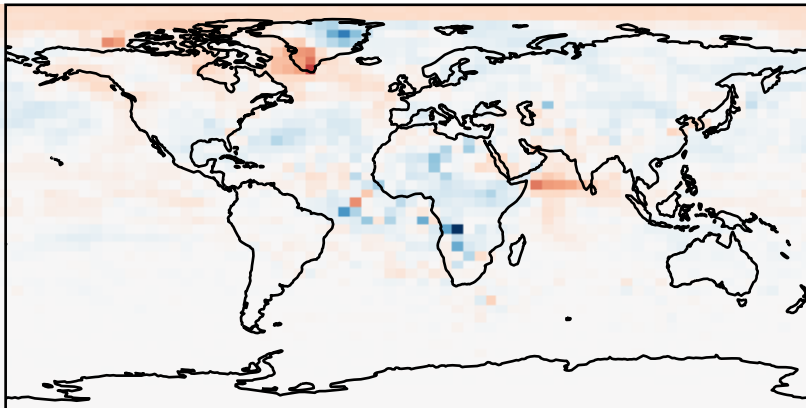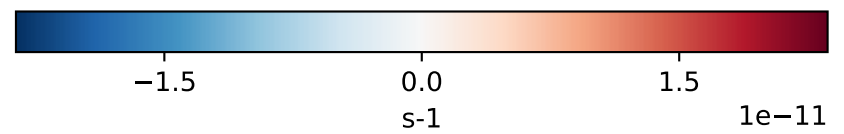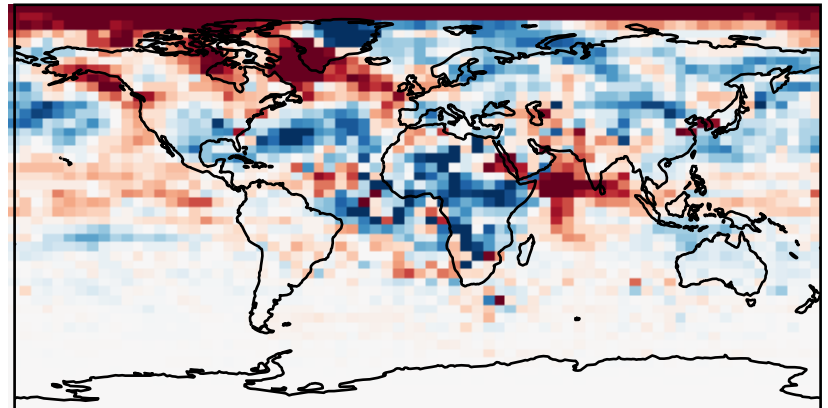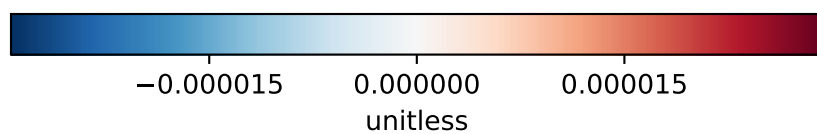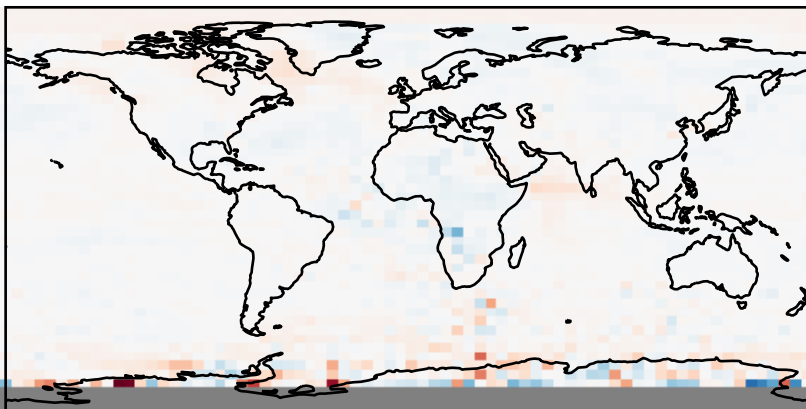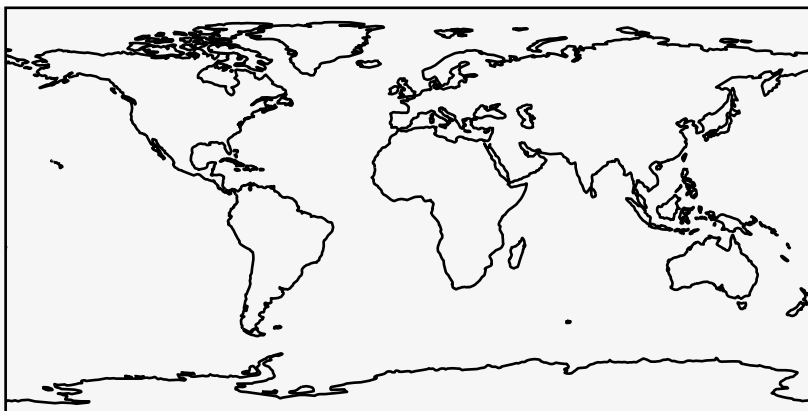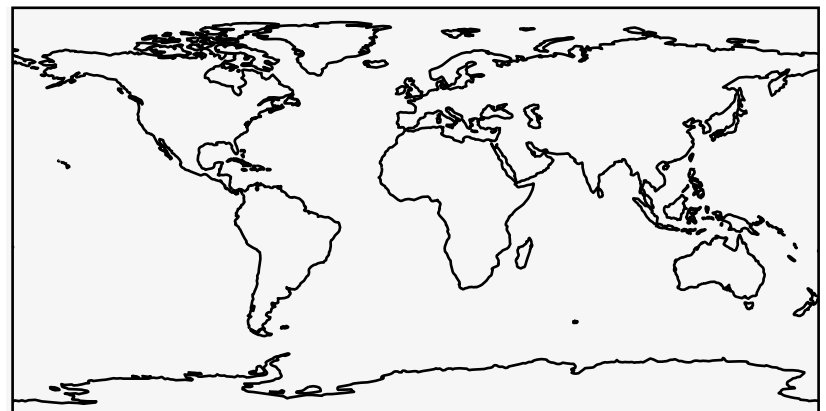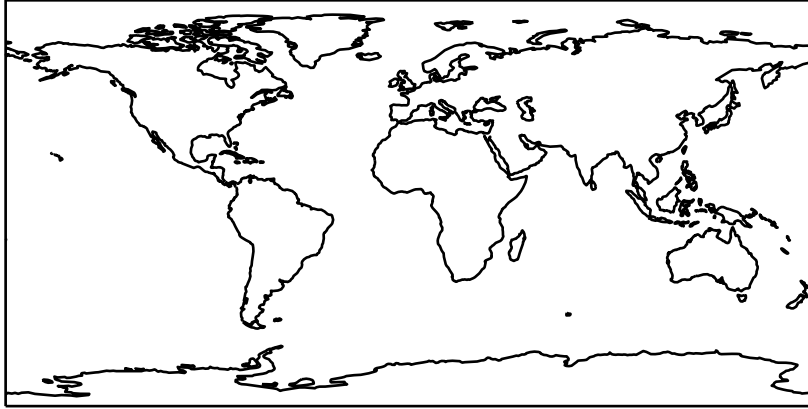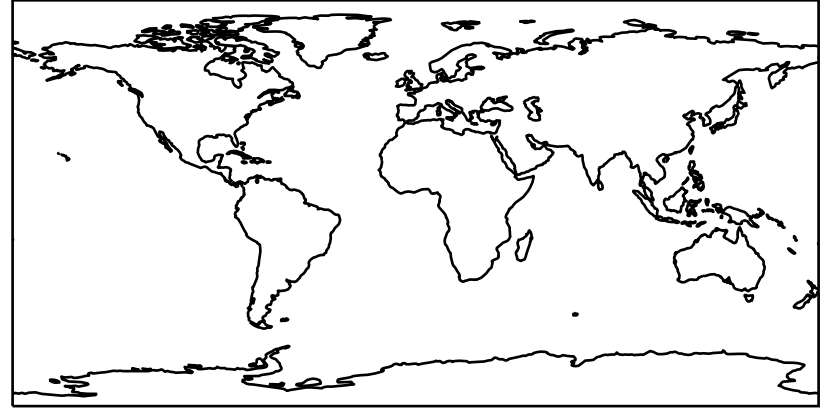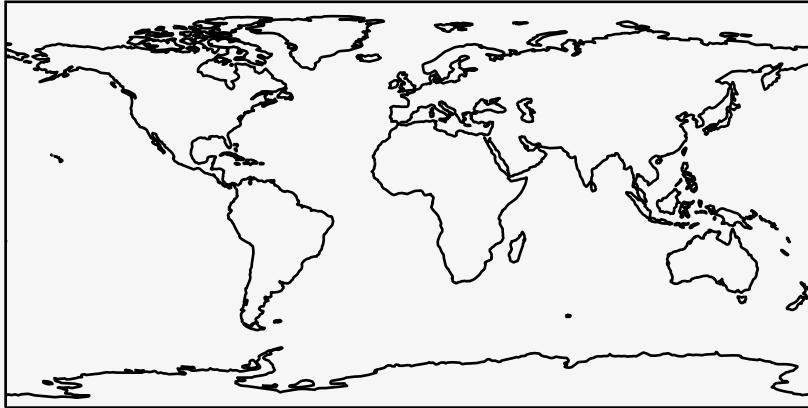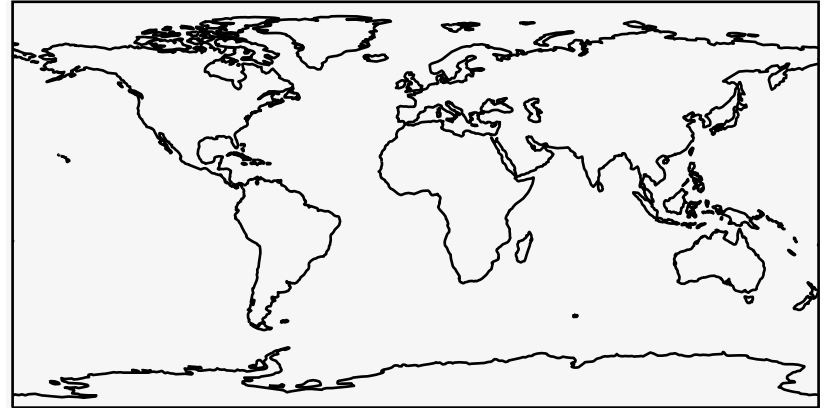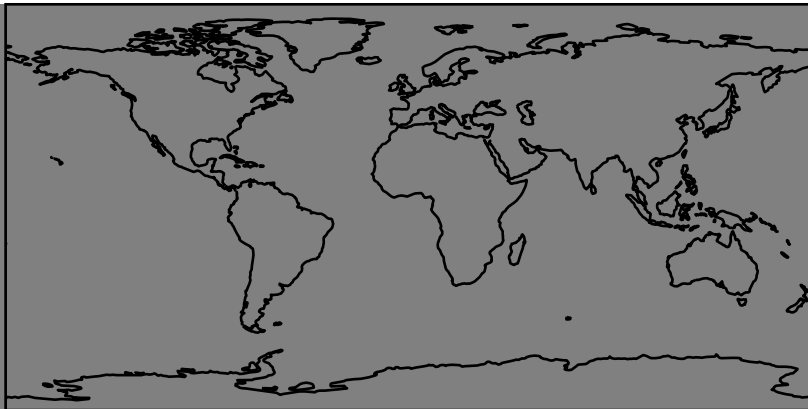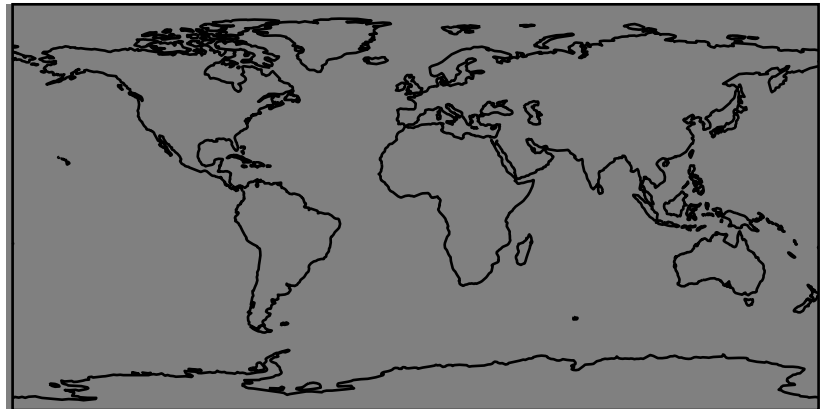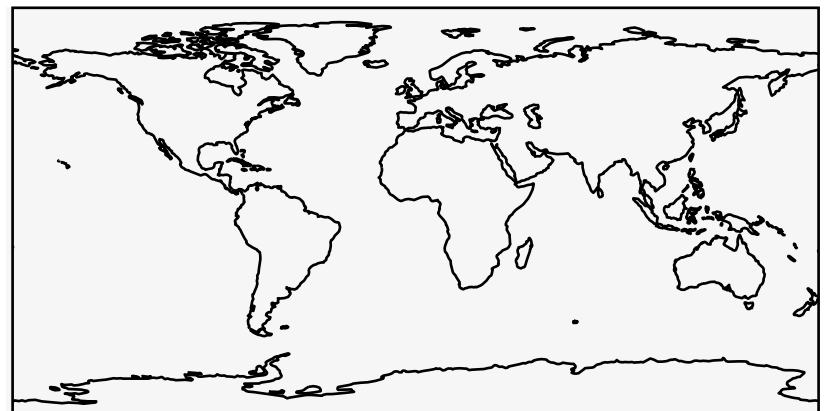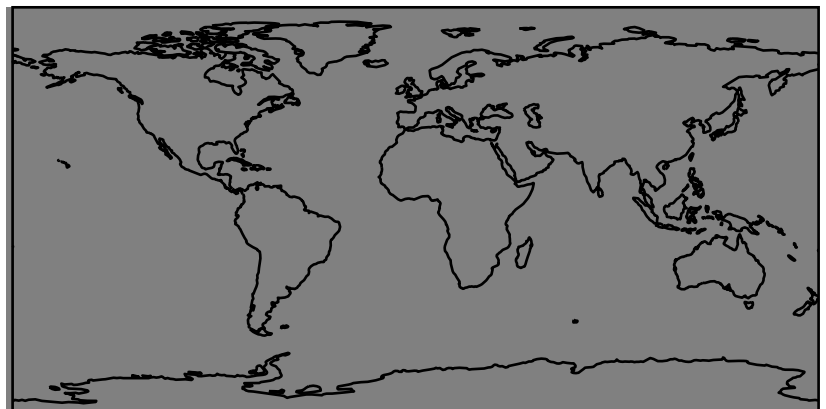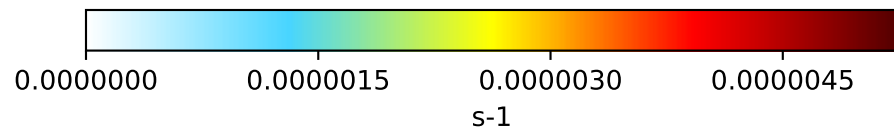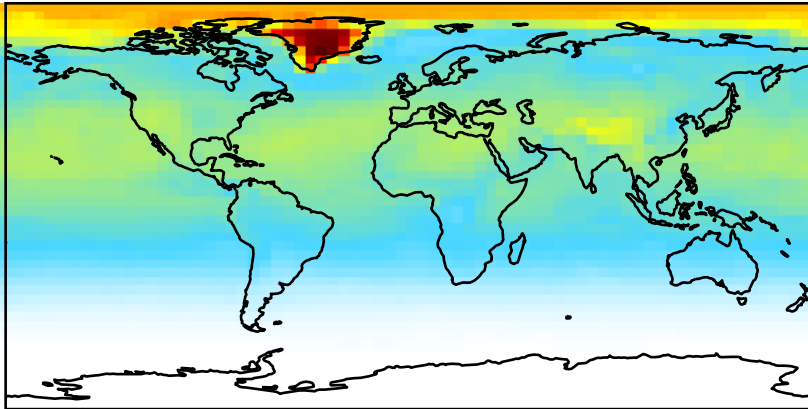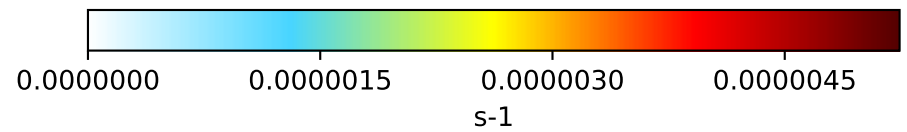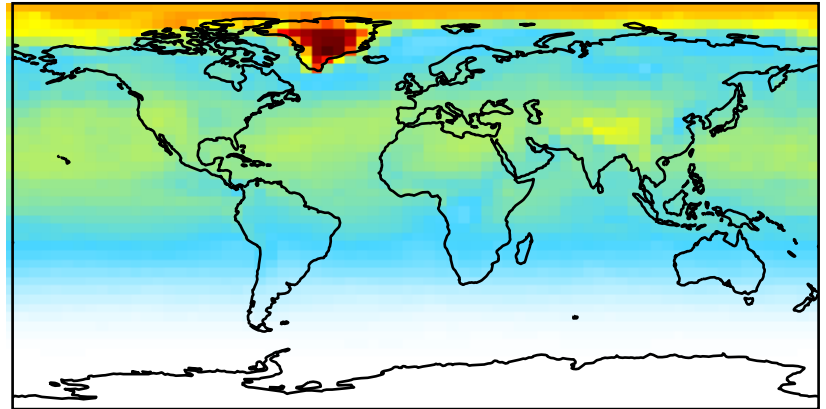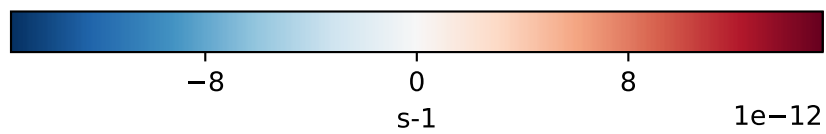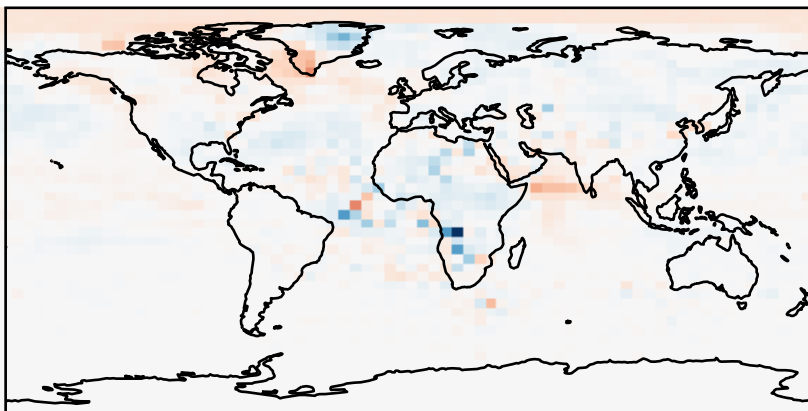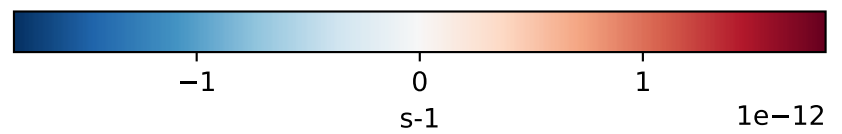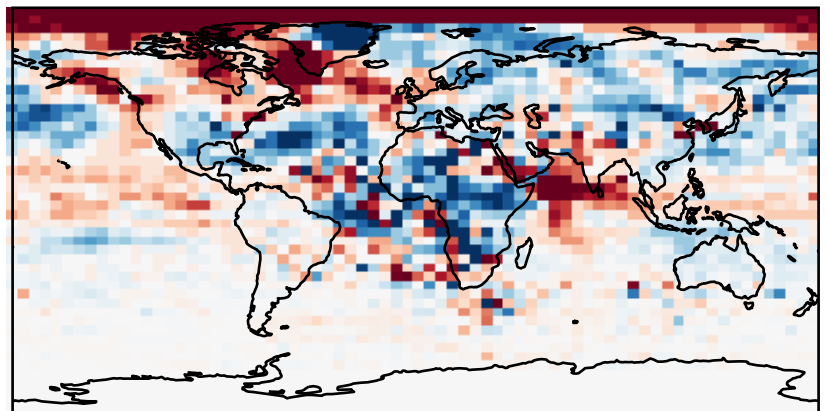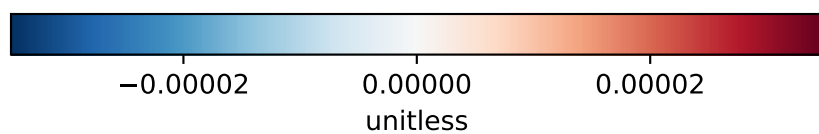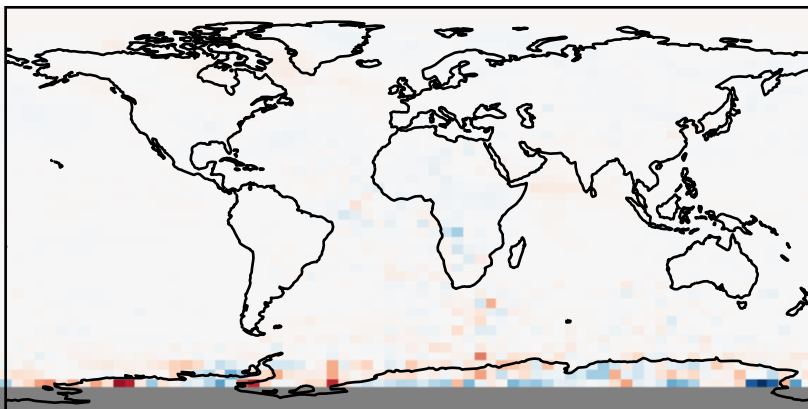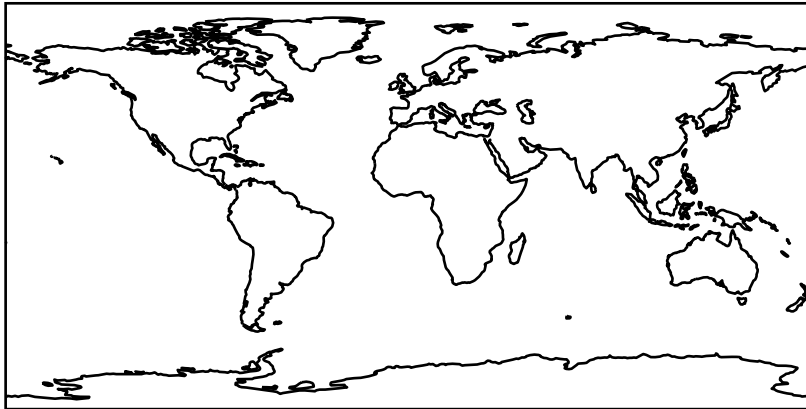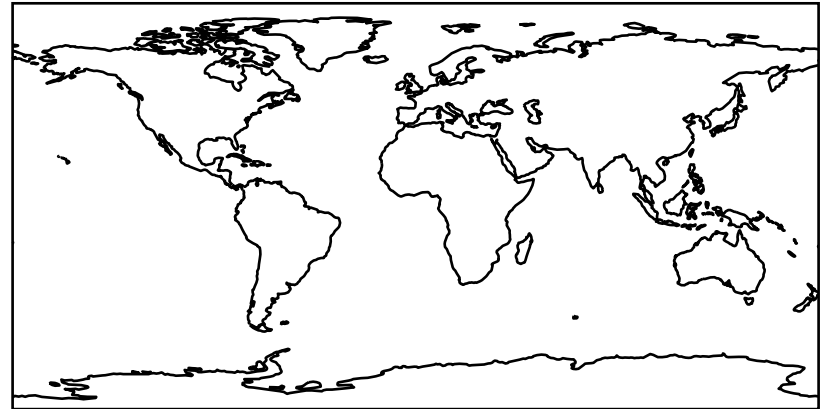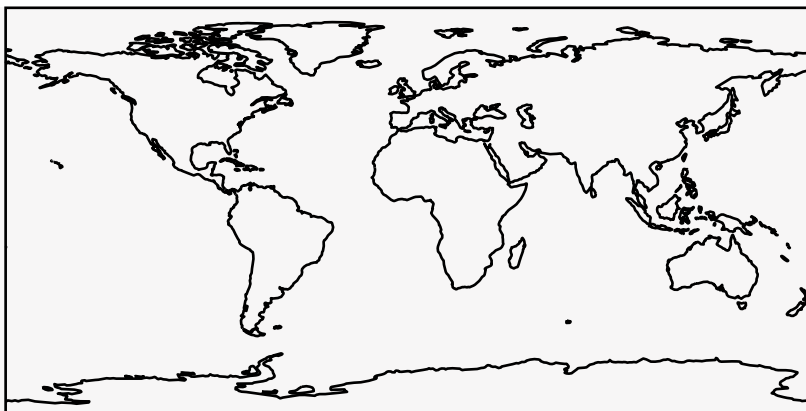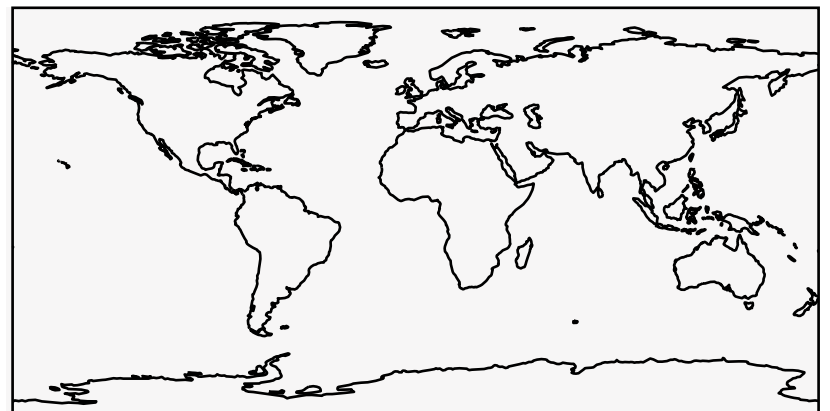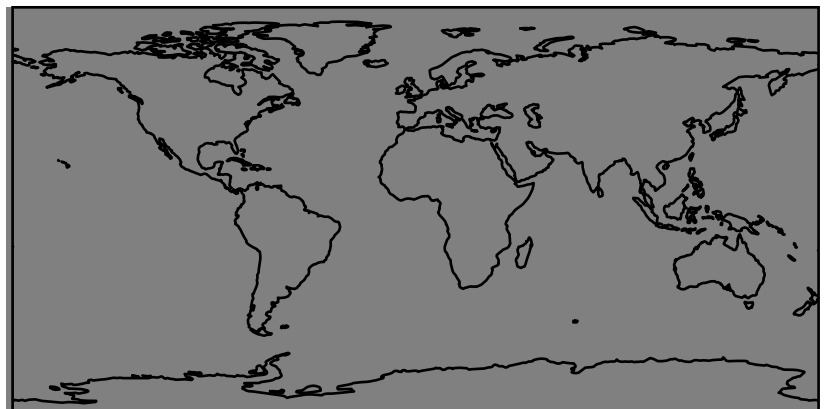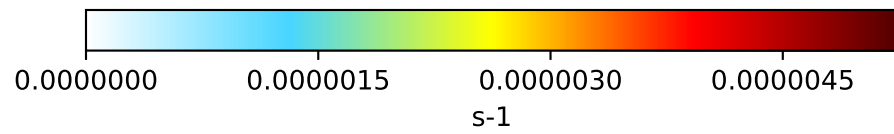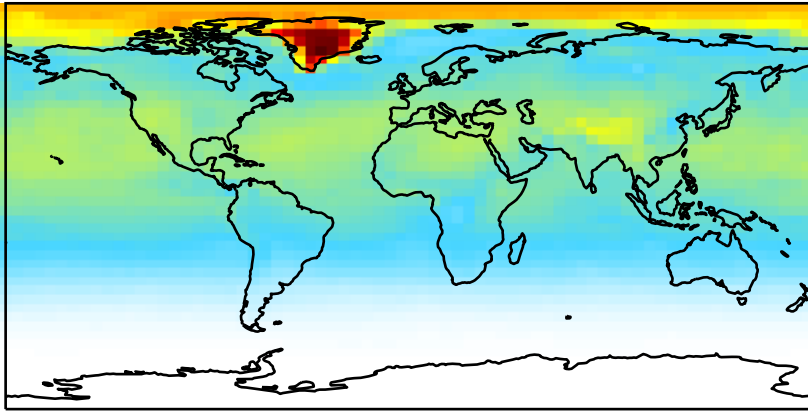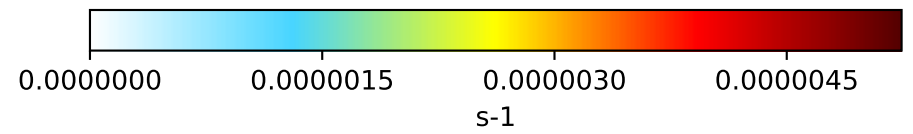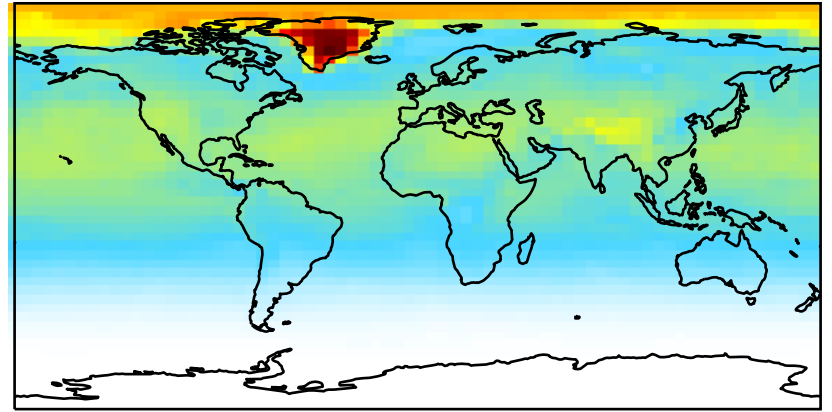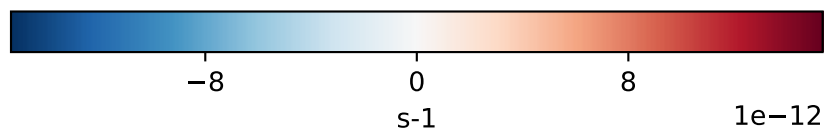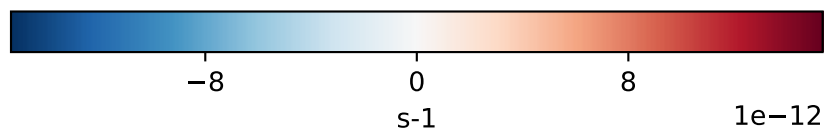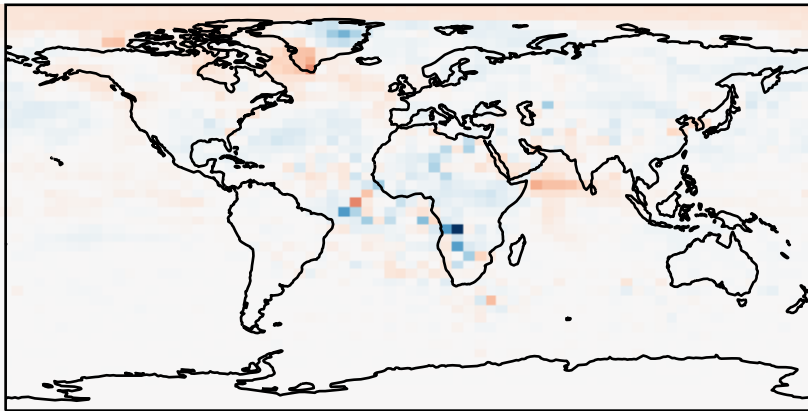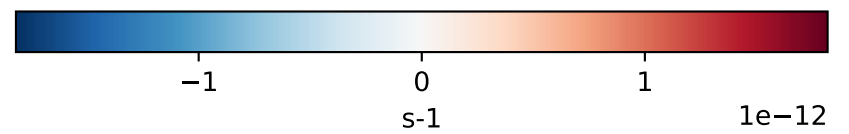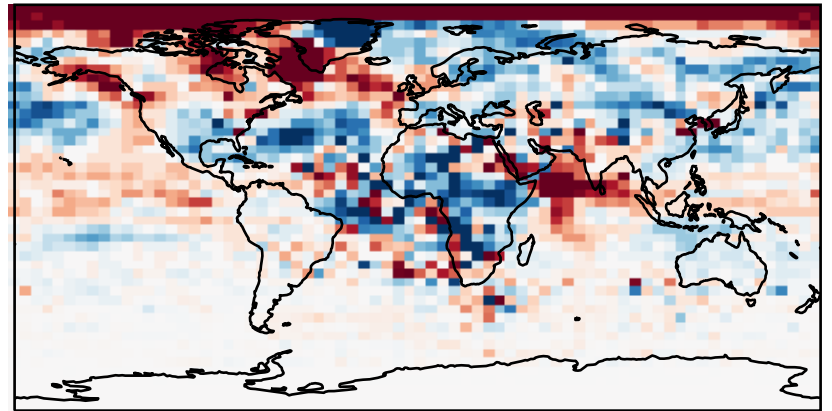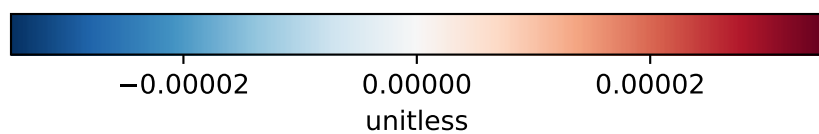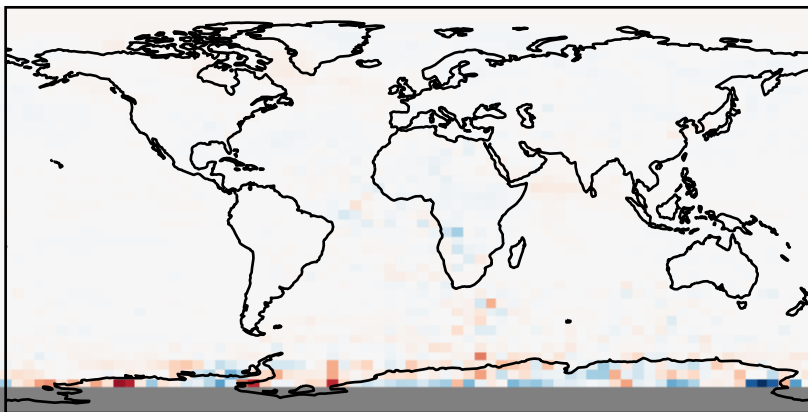Fractional Difference
(Dev-Ref)/Ref, Fixed Range