Jval_ACET
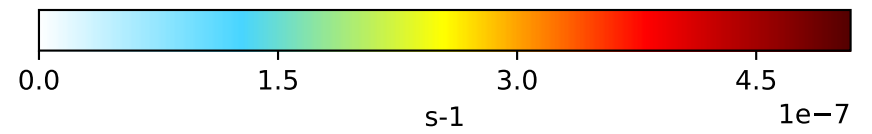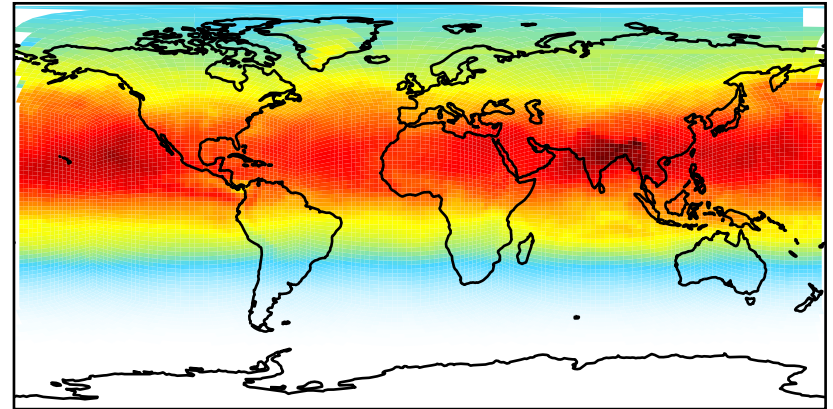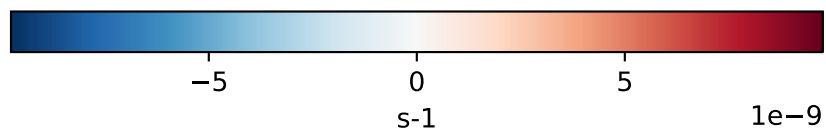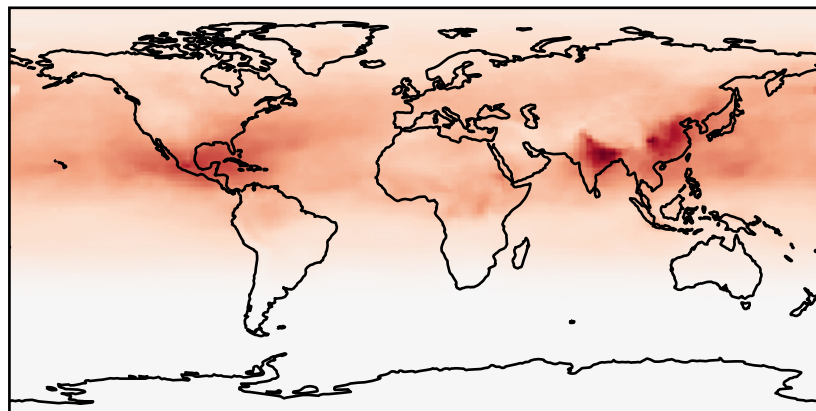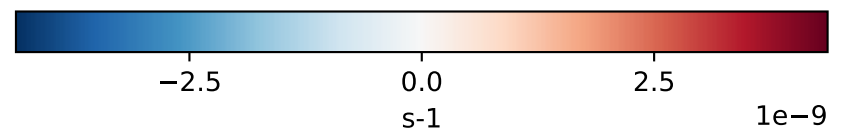

GCHP_12.5.0 (Ref)
c48
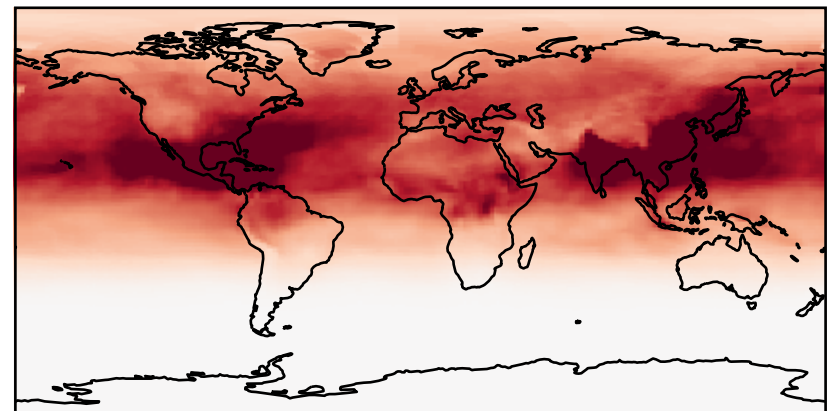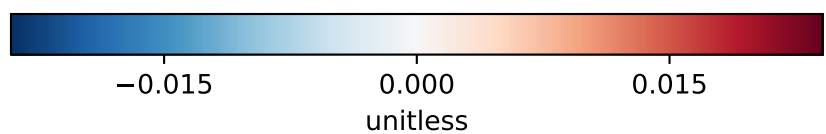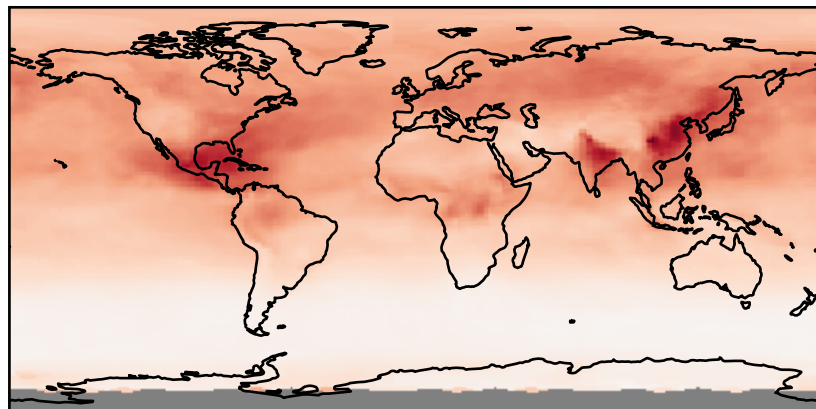
GCHP_12.6.0 (Dev)
c48

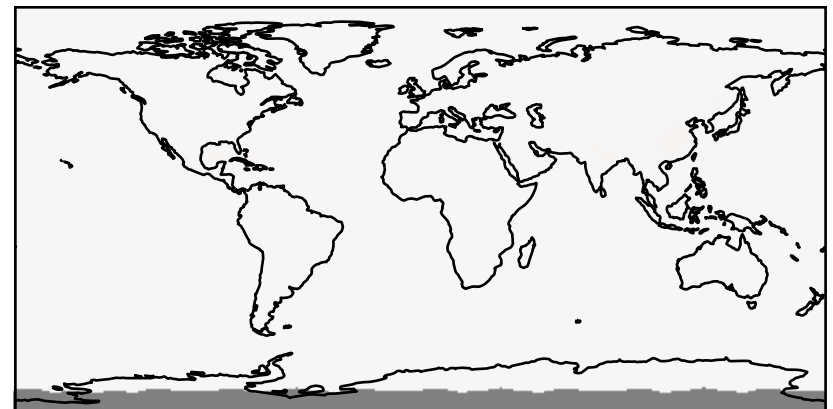Difference (1x1.25)
Dev - Ref, Dynamic Range

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

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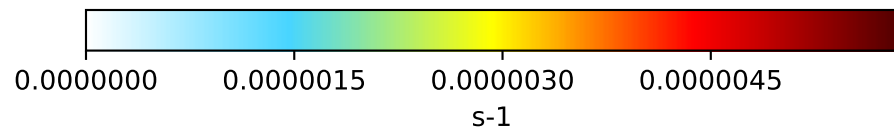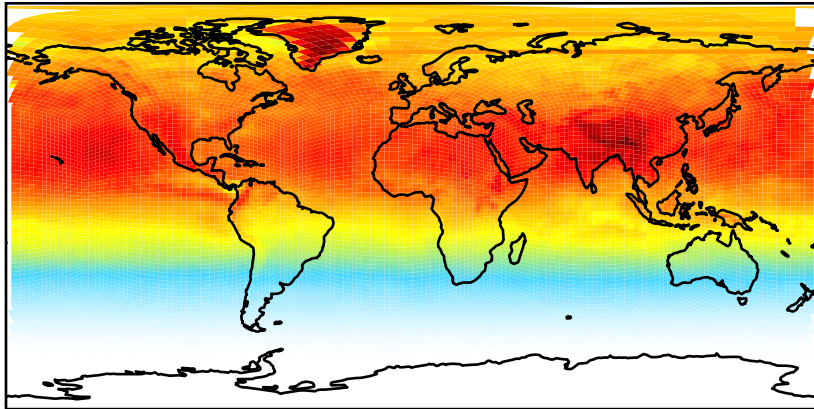(Dev-Ref)/Ref, Dynamic Range

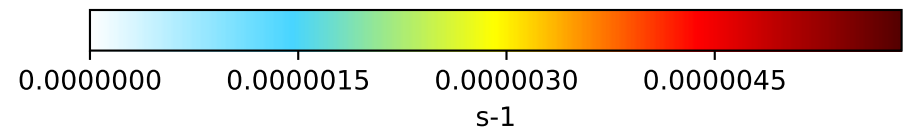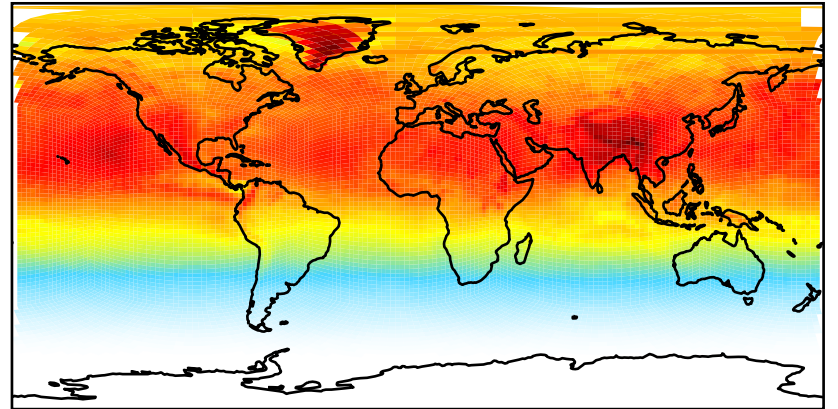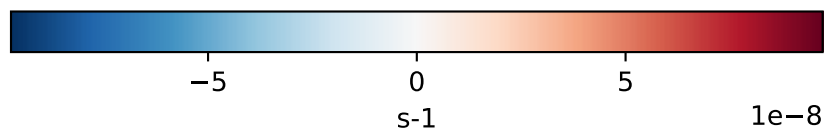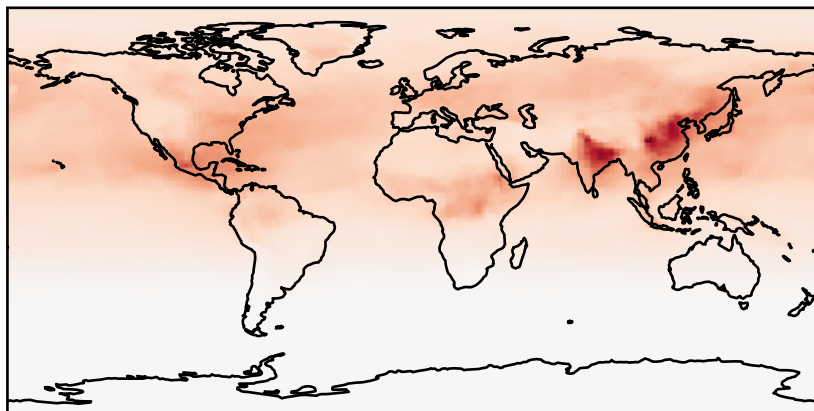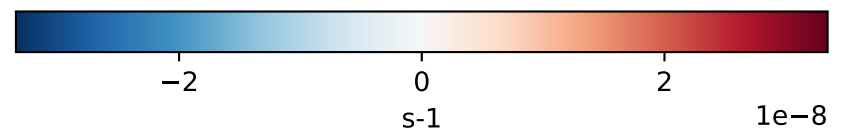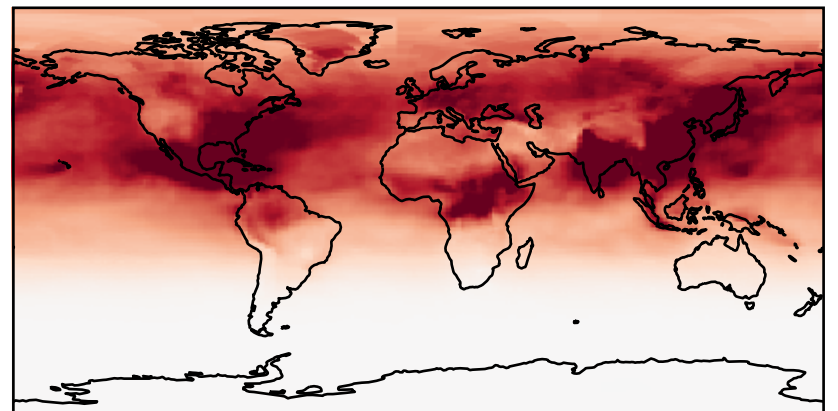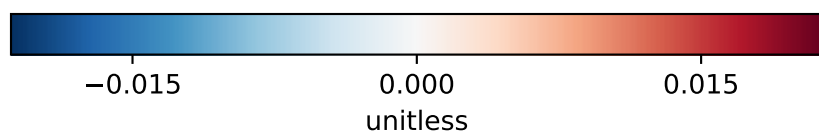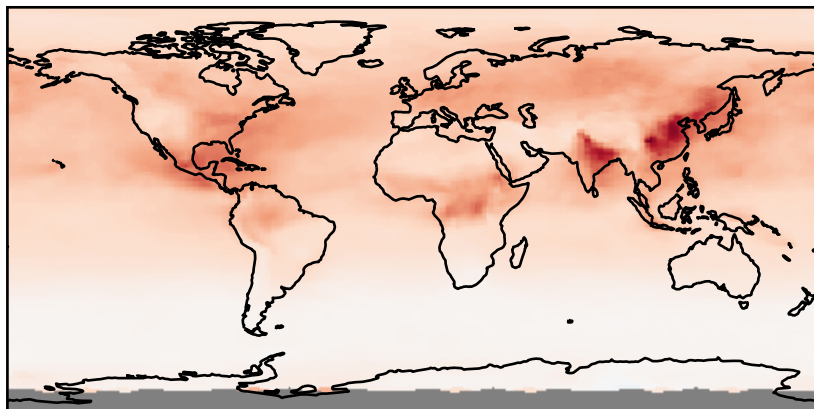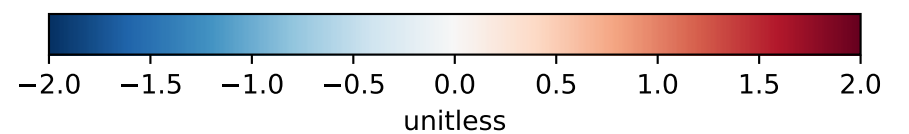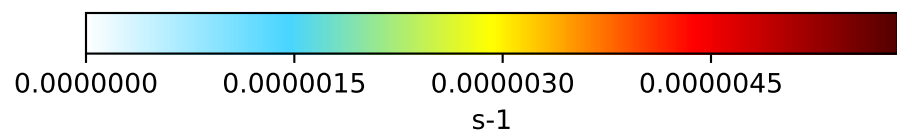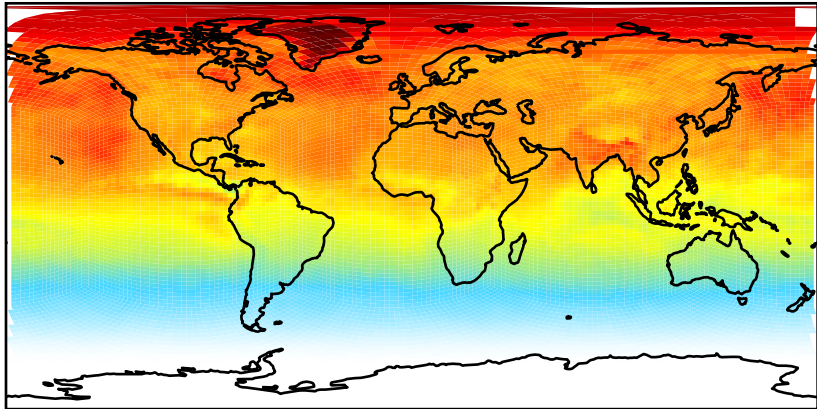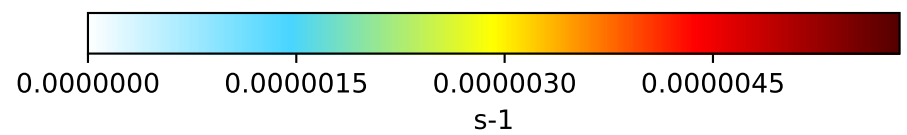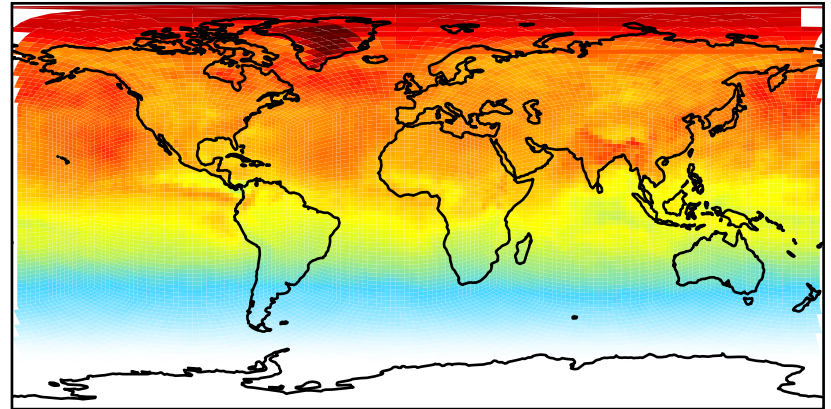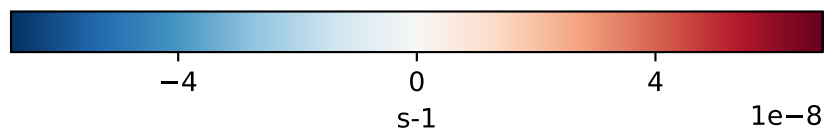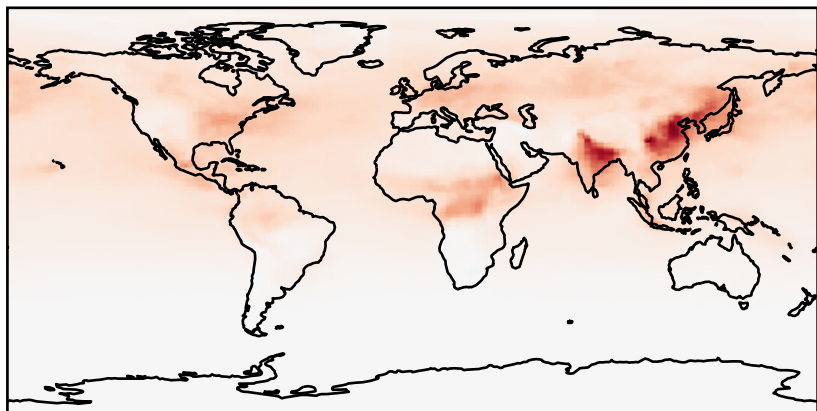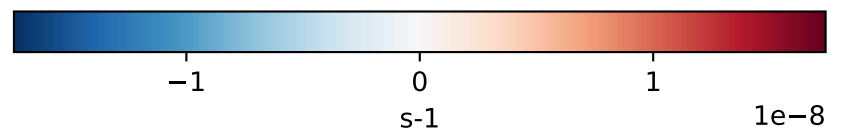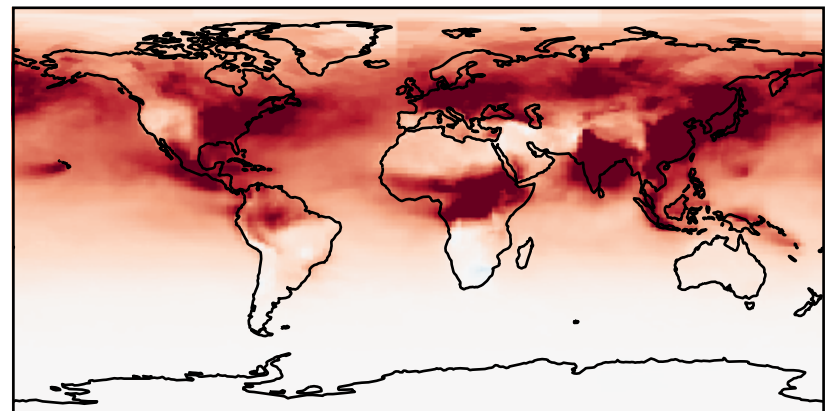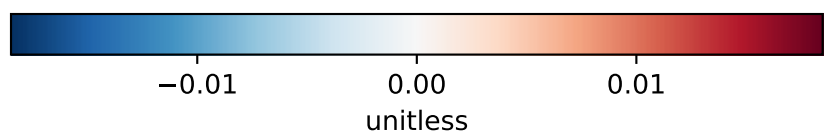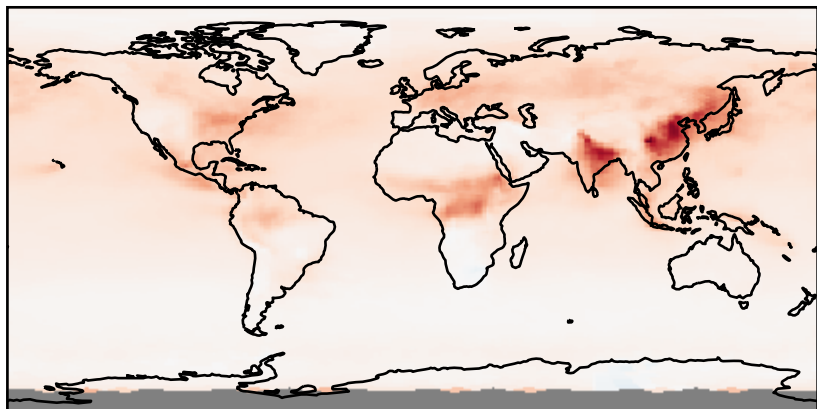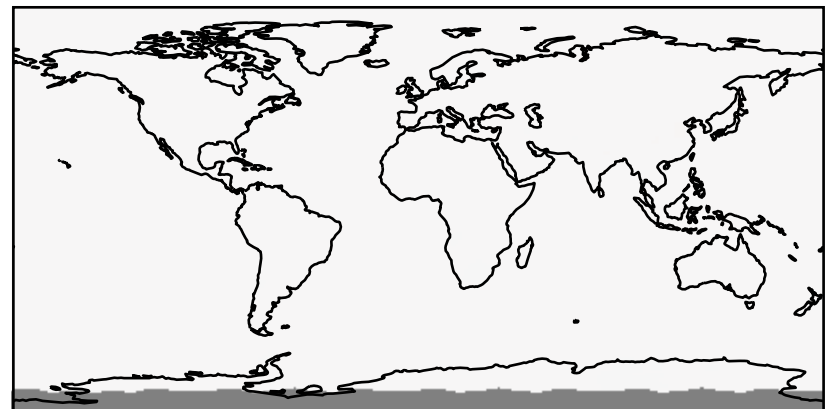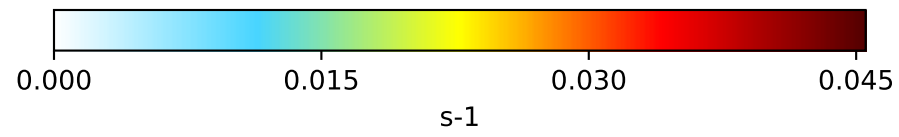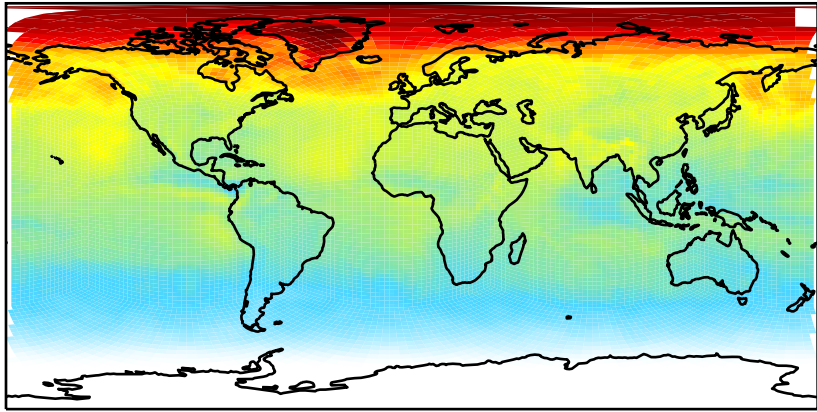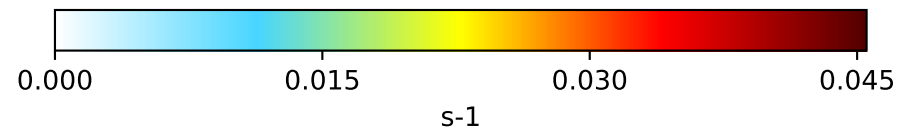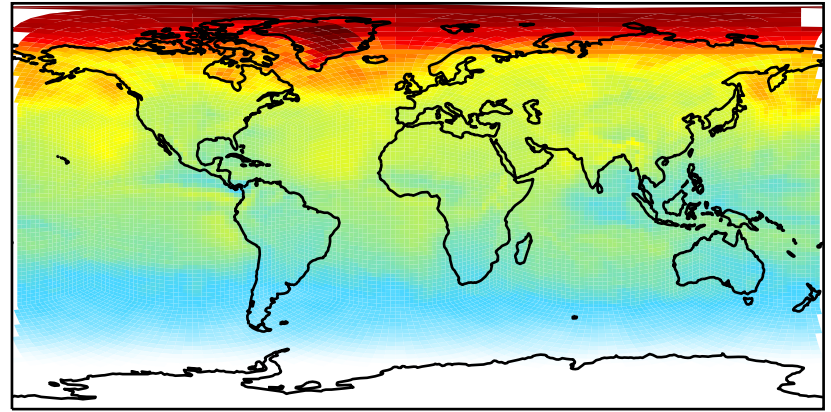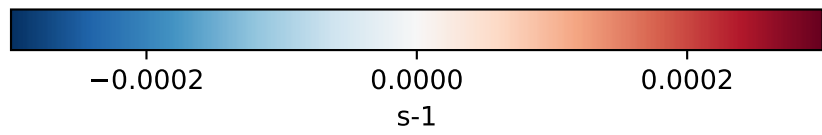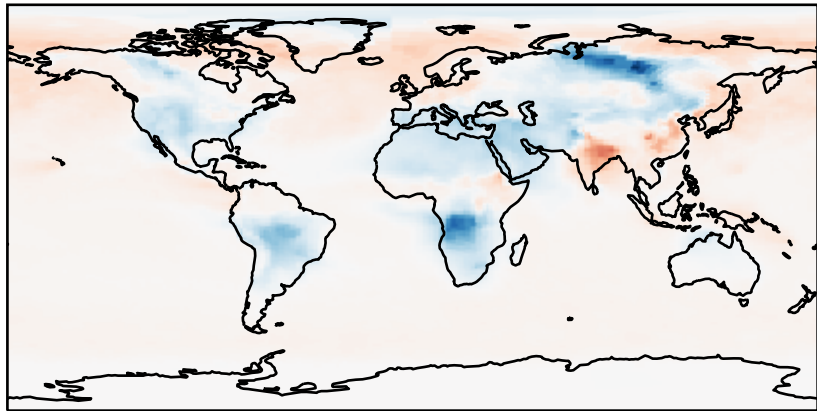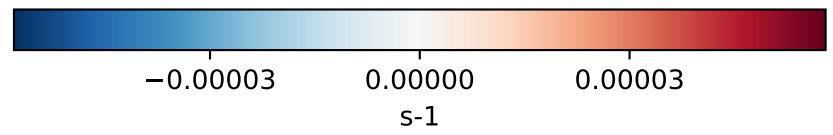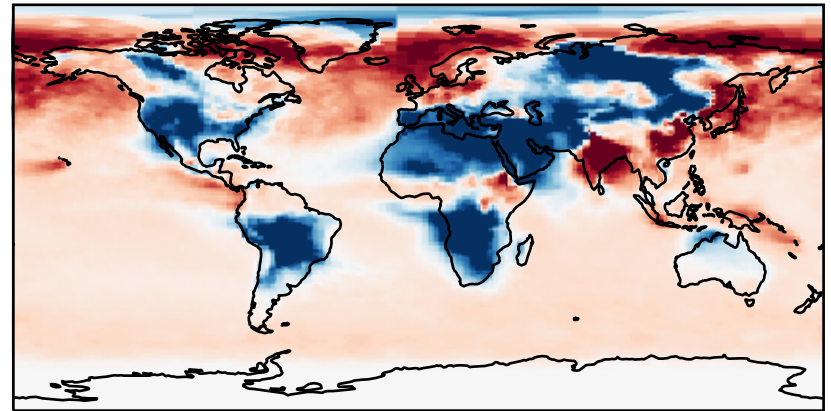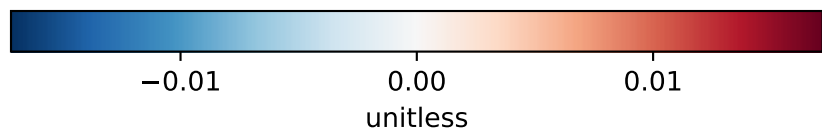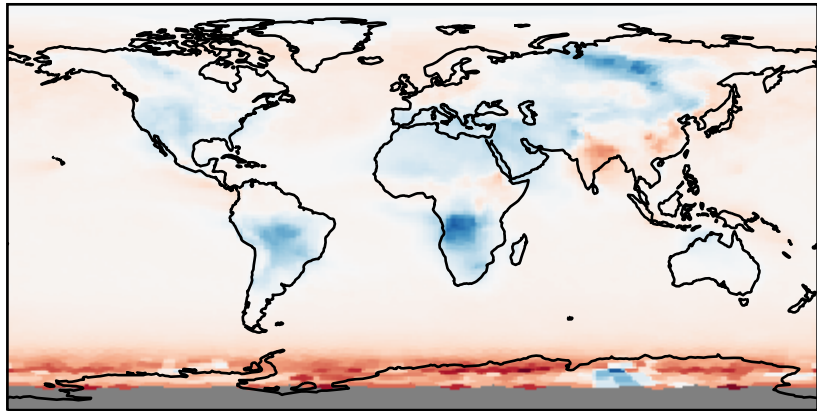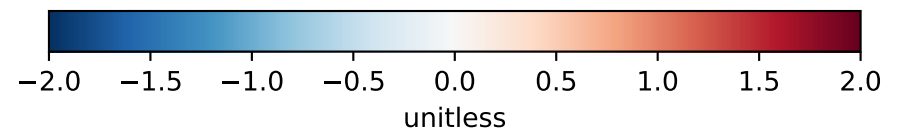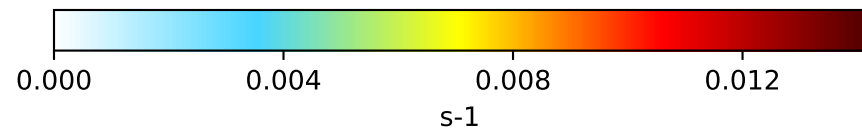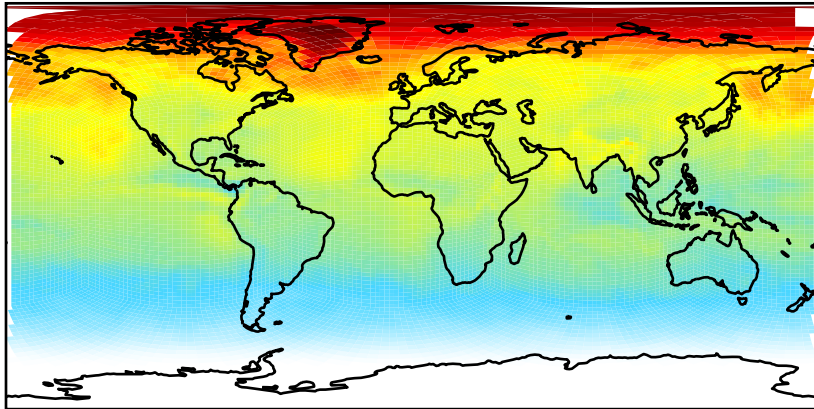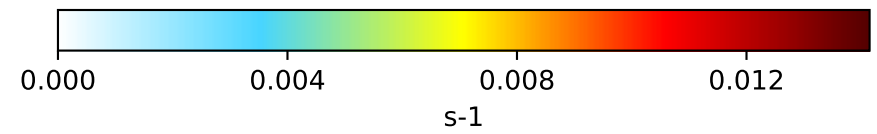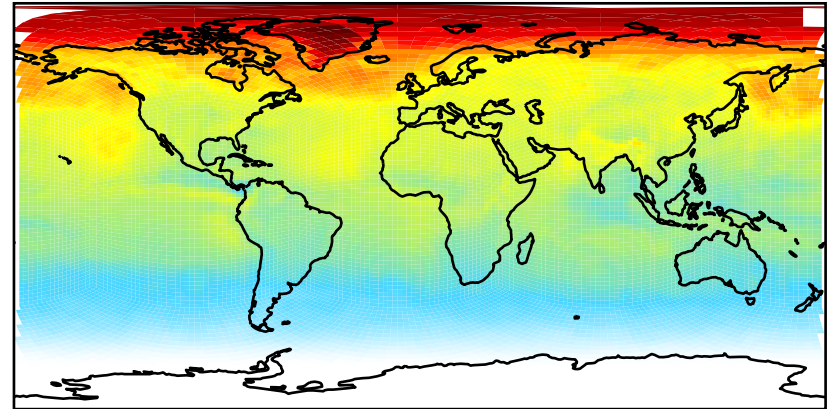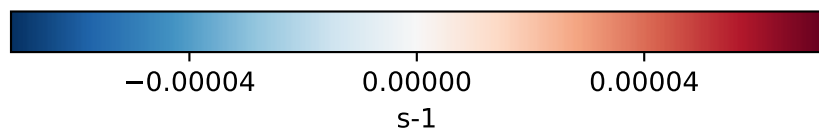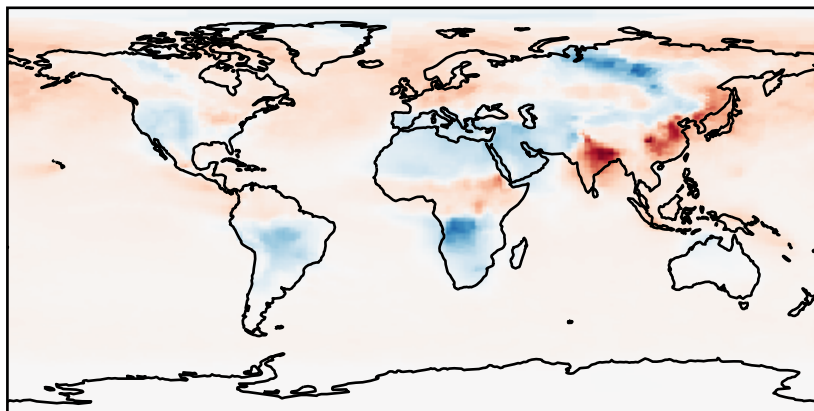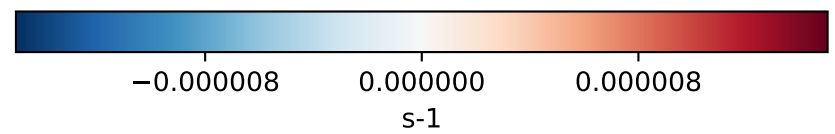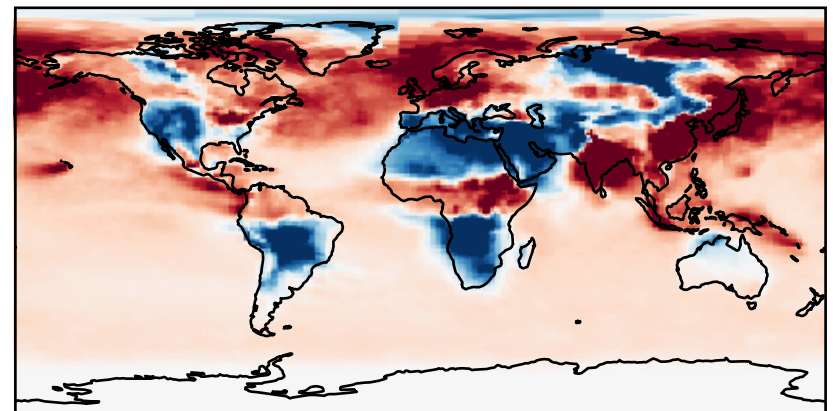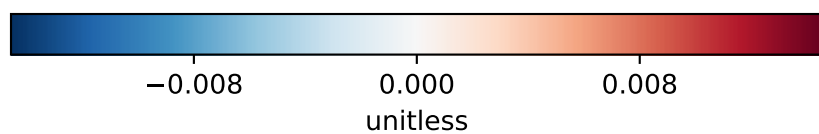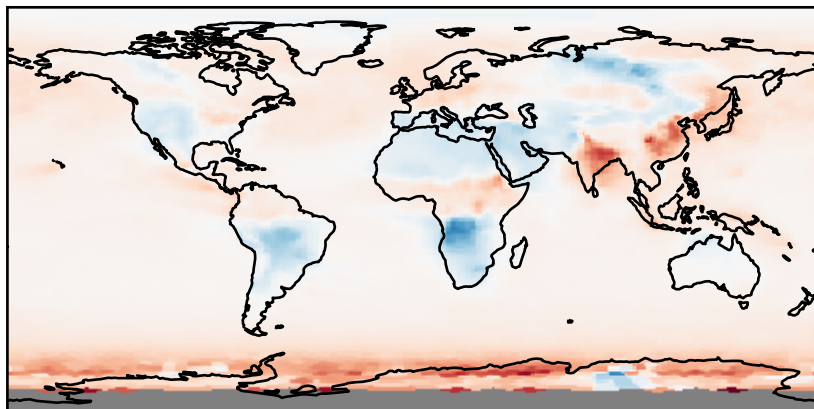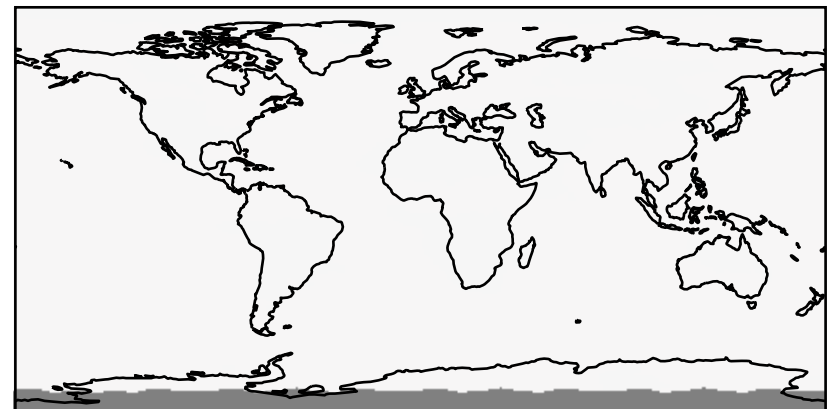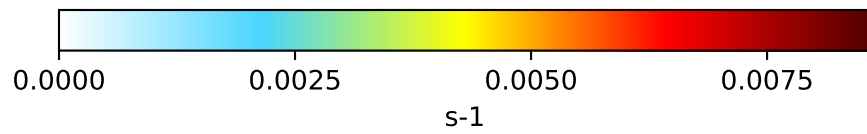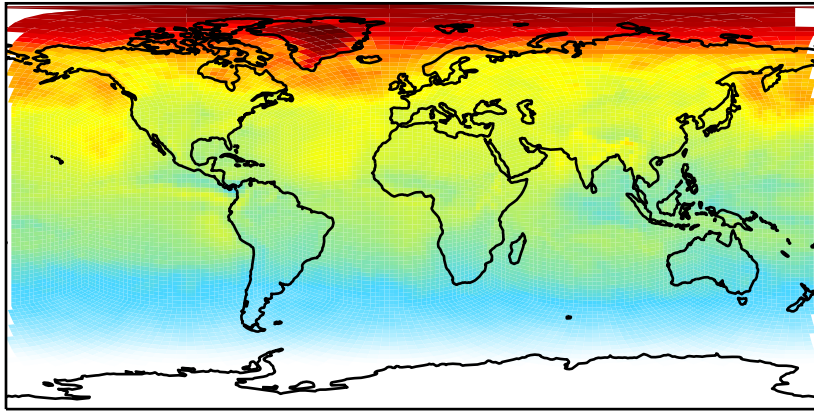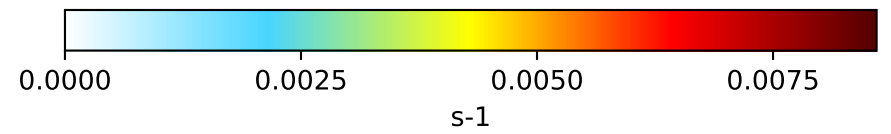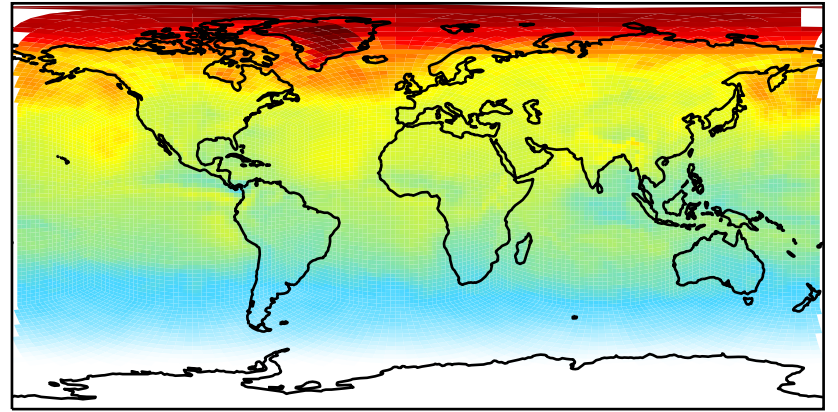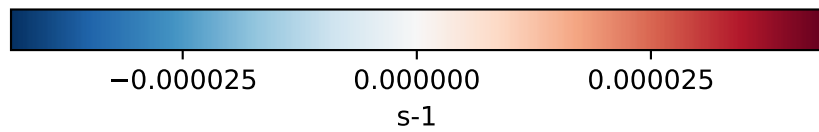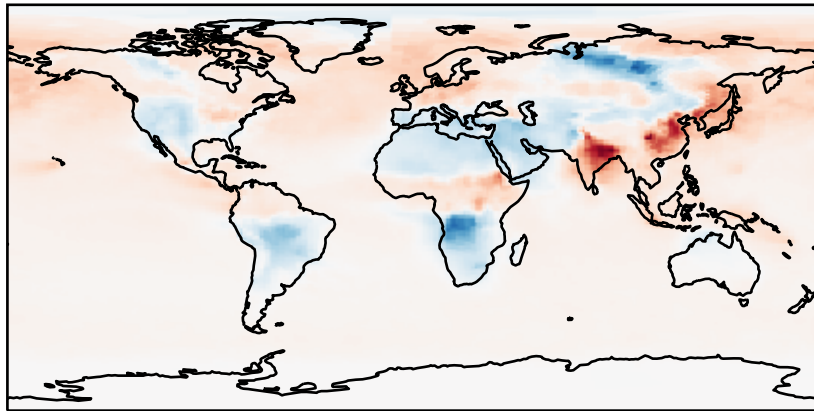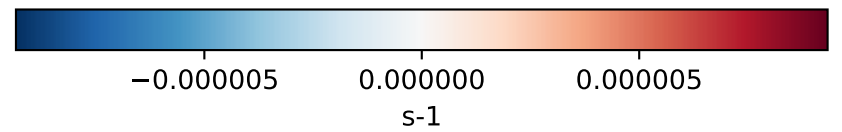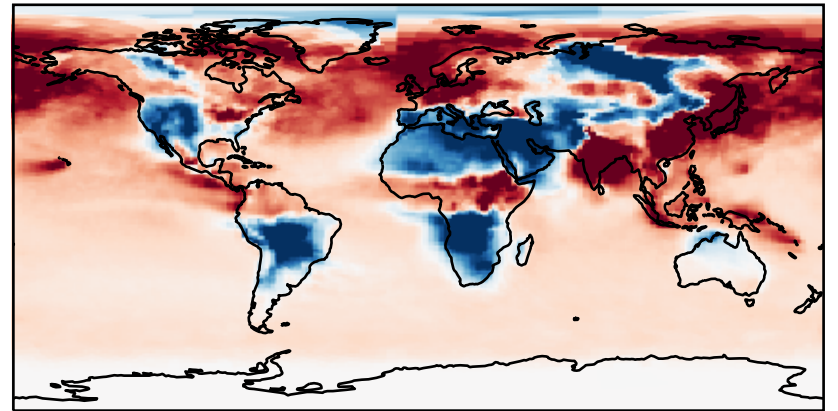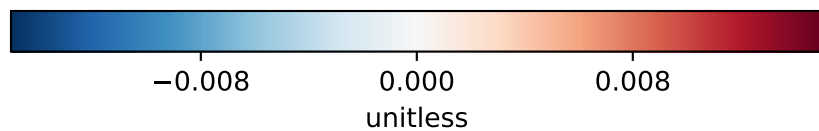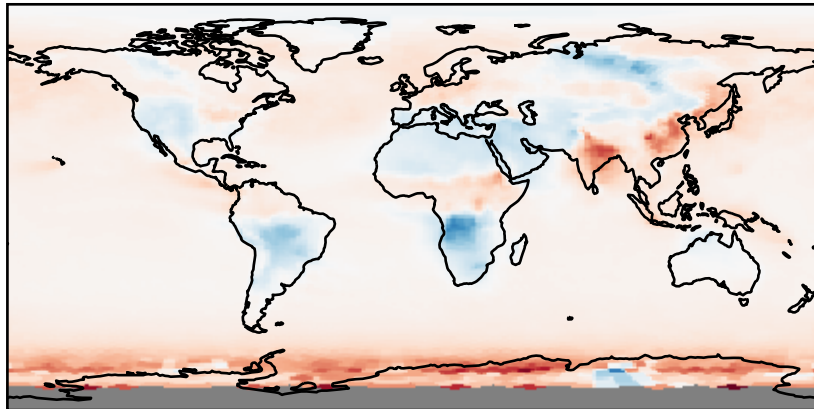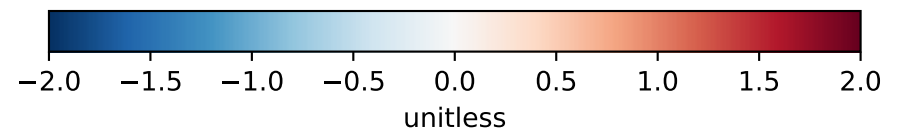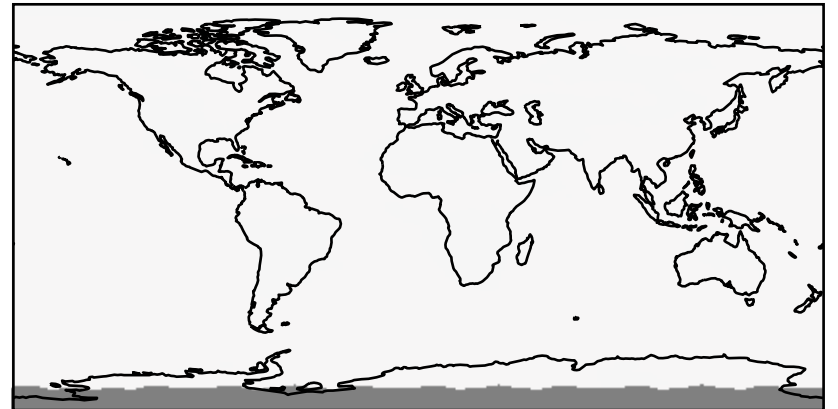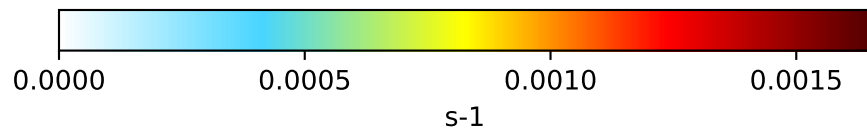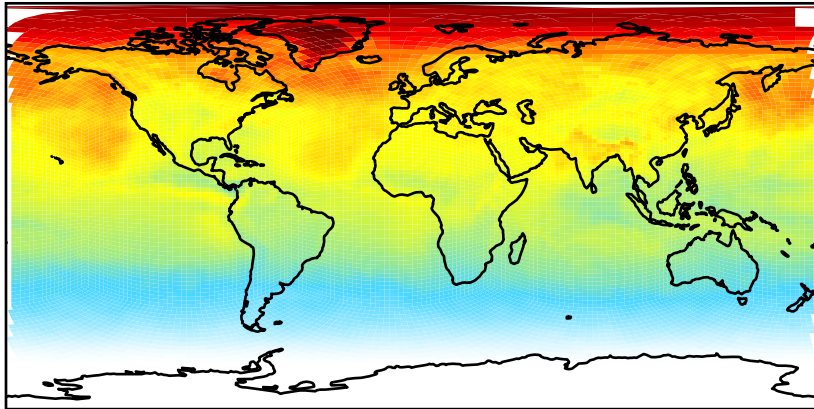Fractional Difference (1x1.25)
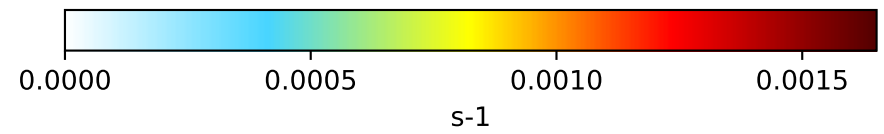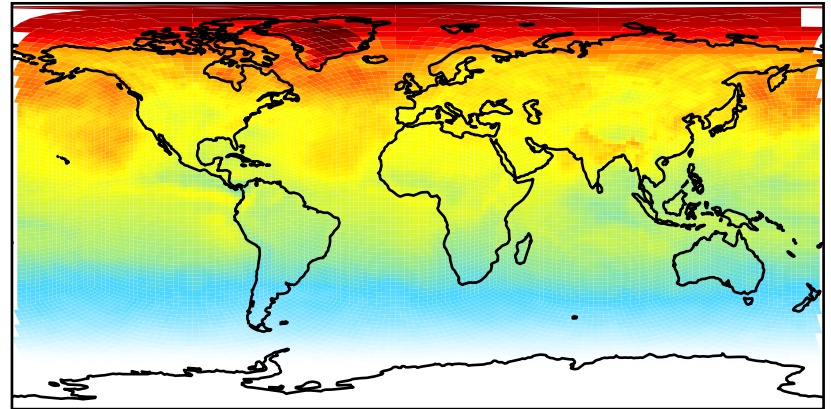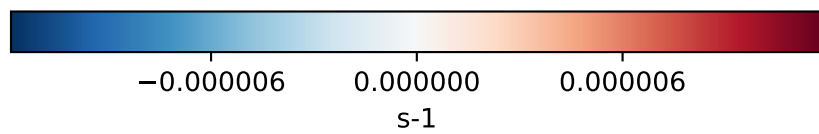(Dev-Ref)/Ref, Fixed Range

Jval_ALD2
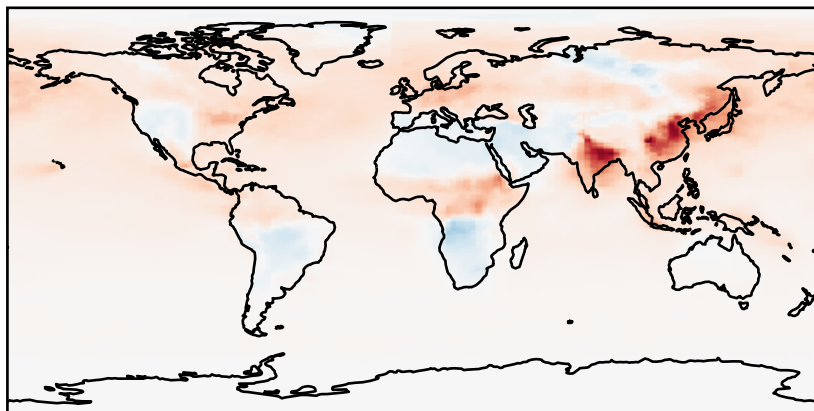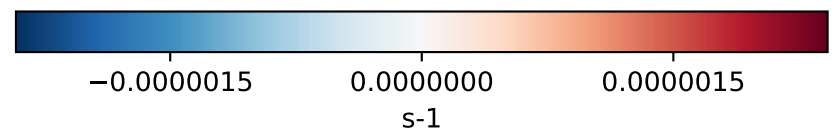
Jval_ATOOH

Jval_Br2

Jval_BrCl

Jval_BrNO2

Jval_BrNO3

Jval_BrO

Jval_CCl4

Jval_CFC11

Jval_CFC113

Jval_CFC114

Jval_CFC115

Jval_CFC12

Jval_CH2Br2

Jval_CH2Cl2

Jval_CH2I2

Jval_CH2IBr

Jval_CH2ICl

Jval_CH2O

Jval_CH3Br

Jval_CH3CCl3

Jval_CH3Cl

Jval_CH3I

Jval_CHBr3

Jval_CHCl3

GCHP_12.5.0 (Ref)
c48

Zero throughout domain
s-1

GCHP_12.6.0 (Dev)
c48

Zero throughout domain
s-1
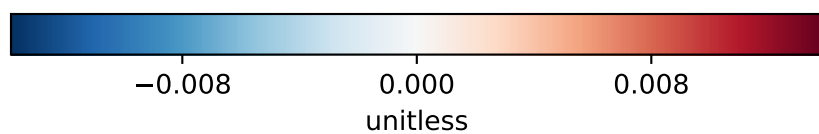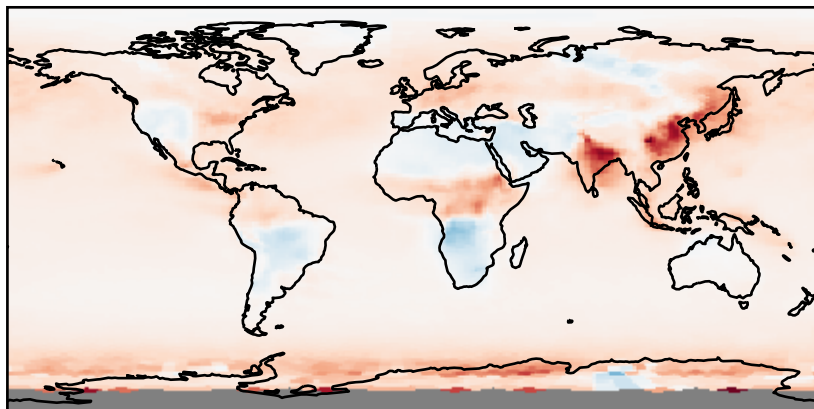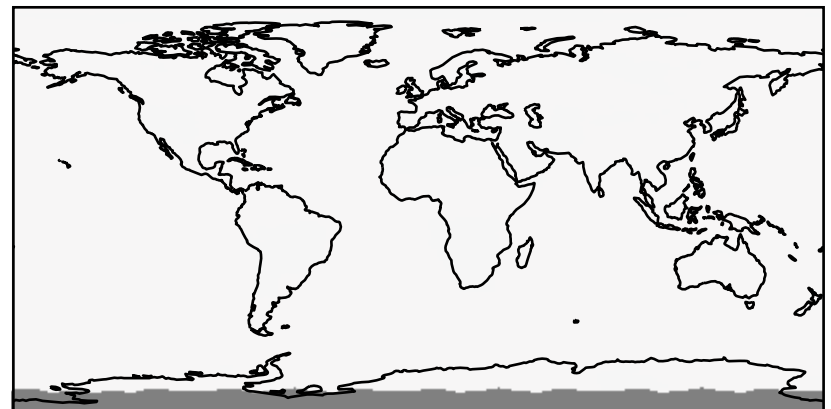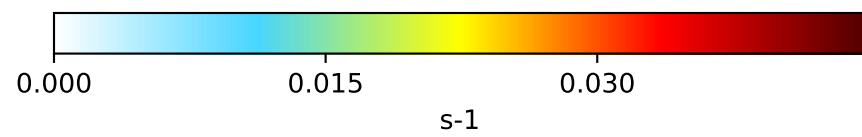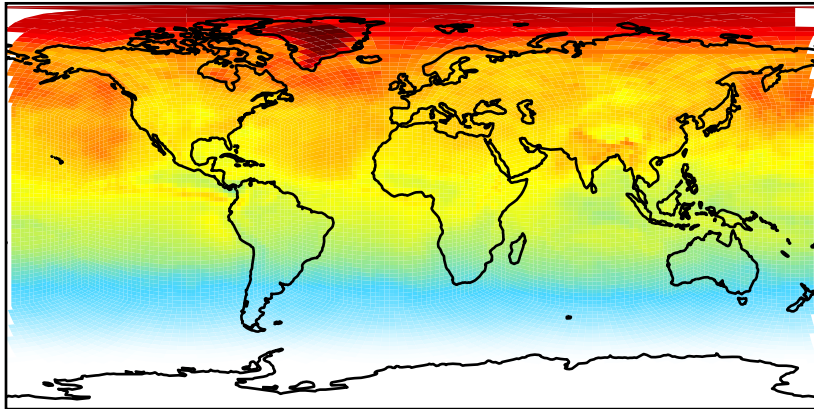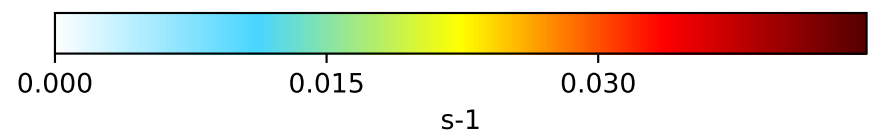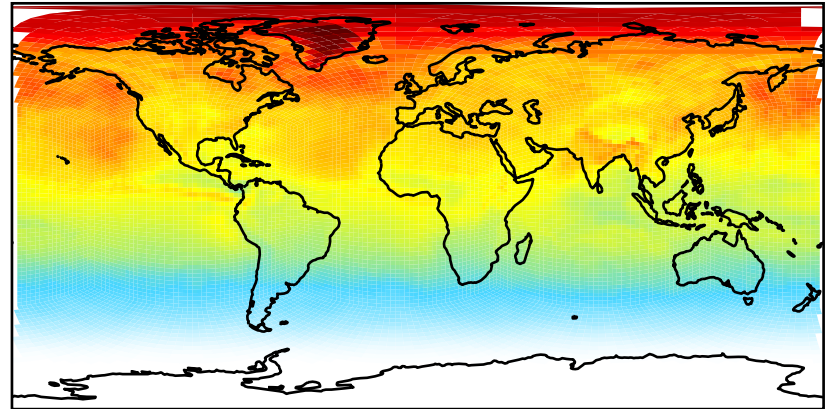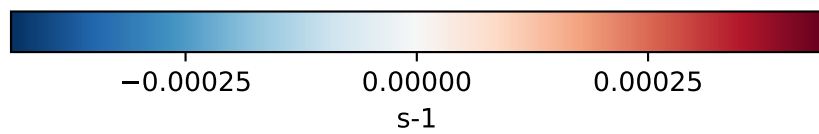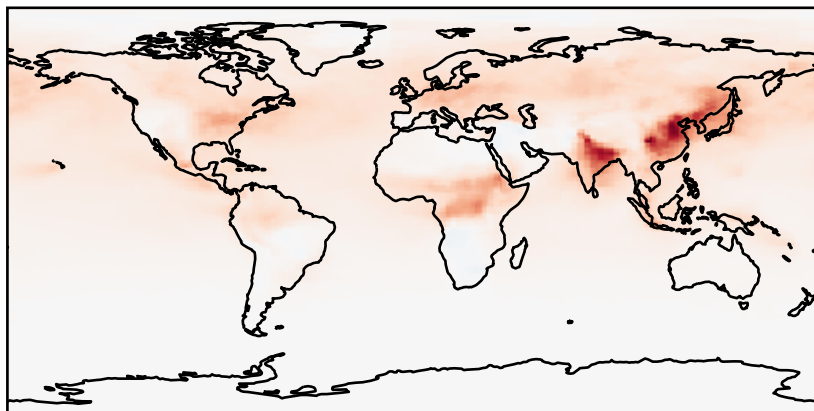
Difference (1x1.25)
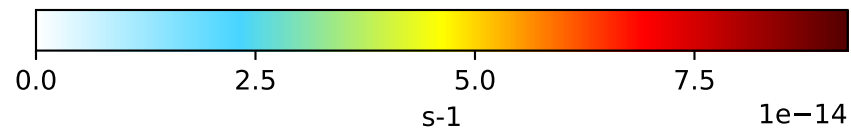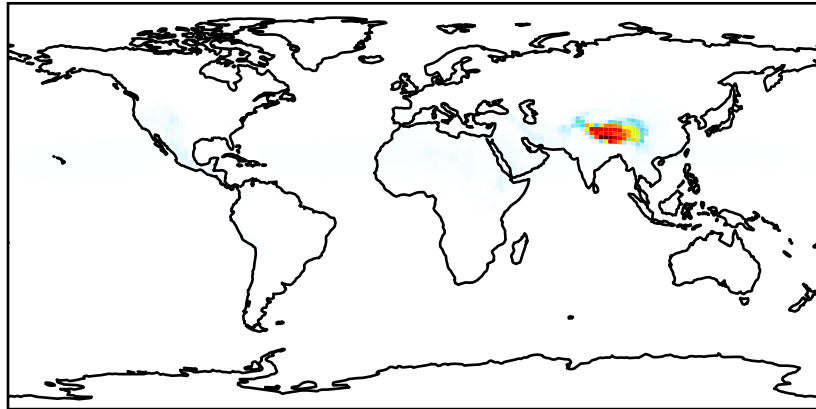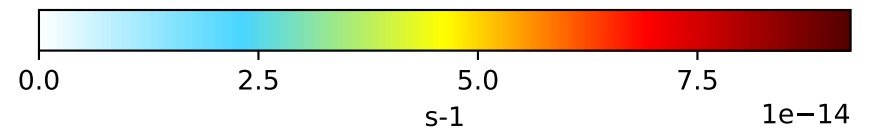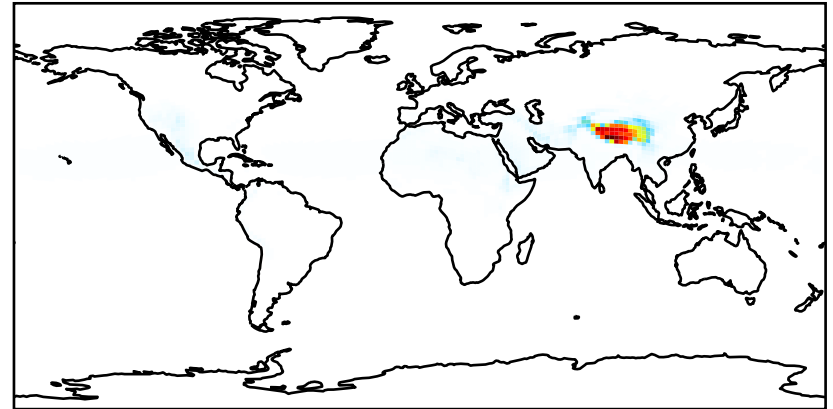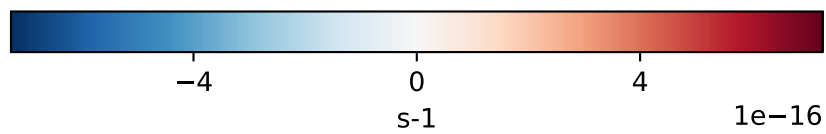Dev - Ref, Dynamic Range

Zero throughout domain
s-1

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

Zero throughout domain
s-1

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

Undefined throughout domain
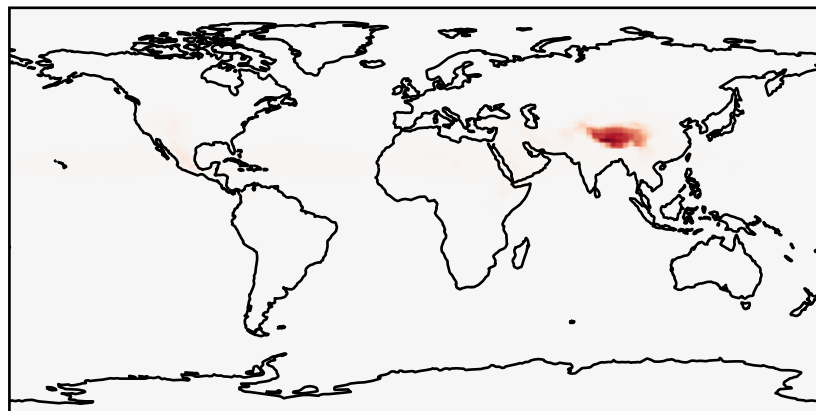unitless

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

Undefined throughout domain
unitless

Jval_Cl2

Jval_Cl2O2

Jval_ClNO2

Jval_ClNO3

Jval_ClO

Jval_ClOO

Jval_DHDC

Jval_ETHLN

Jval_ETP

GCHP_12.5.0 (Ref)
c48

GCHP_12.6.0 (Dev)
c48

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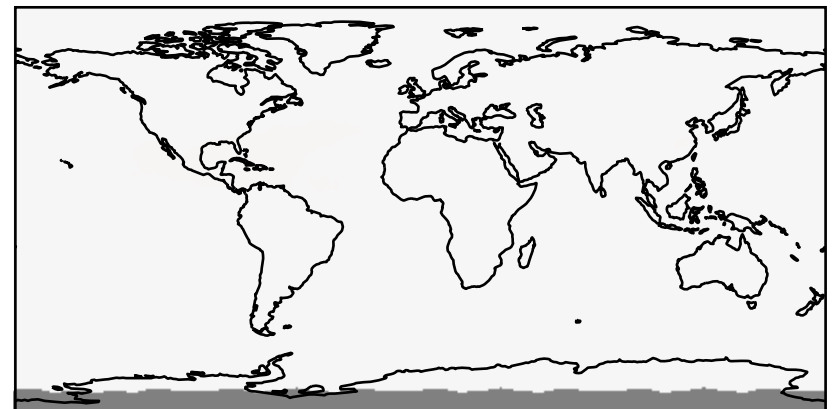Dev - Ref, Dynamic Range

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

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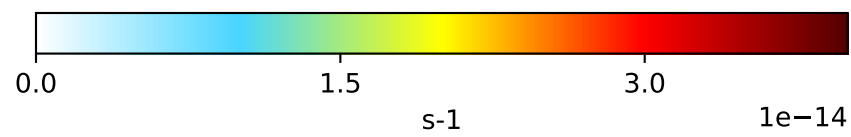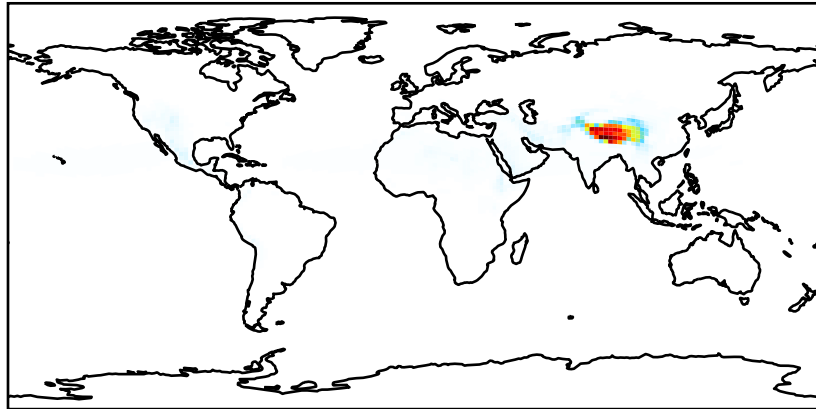(Dev-Ref)/Ref, Dynamic Range

Fractional Difference (1x1.25)
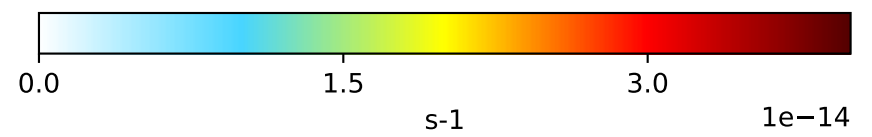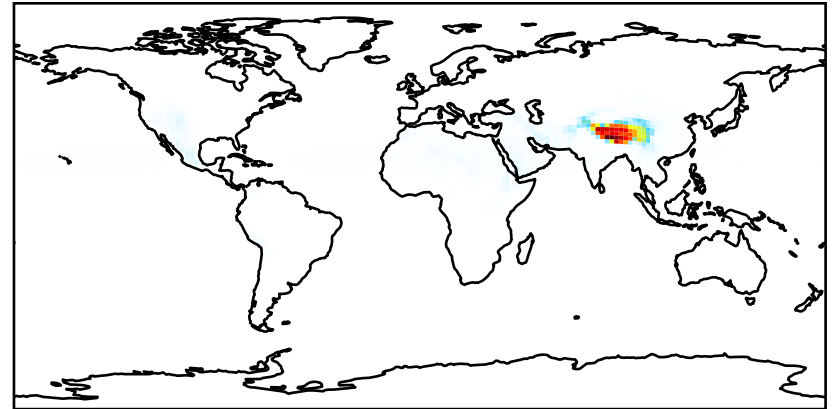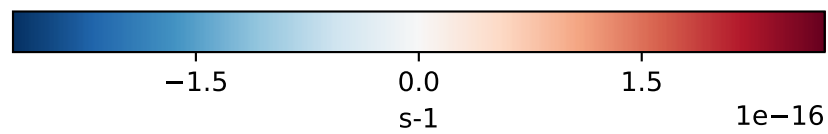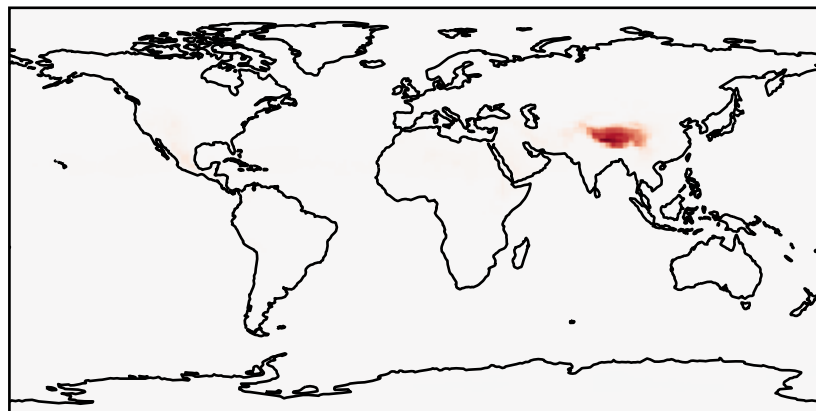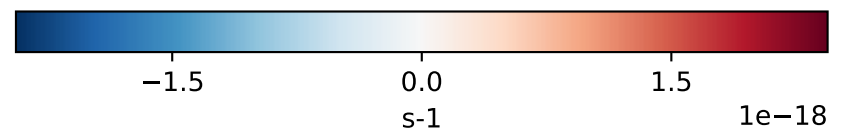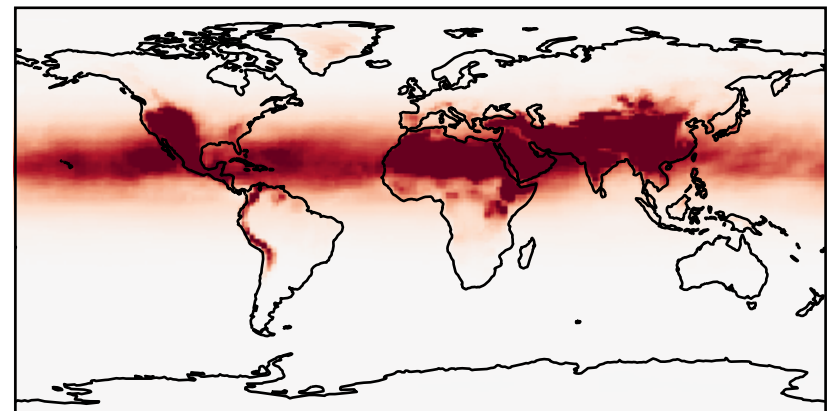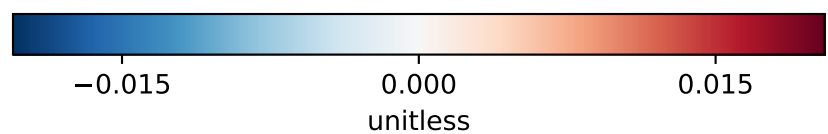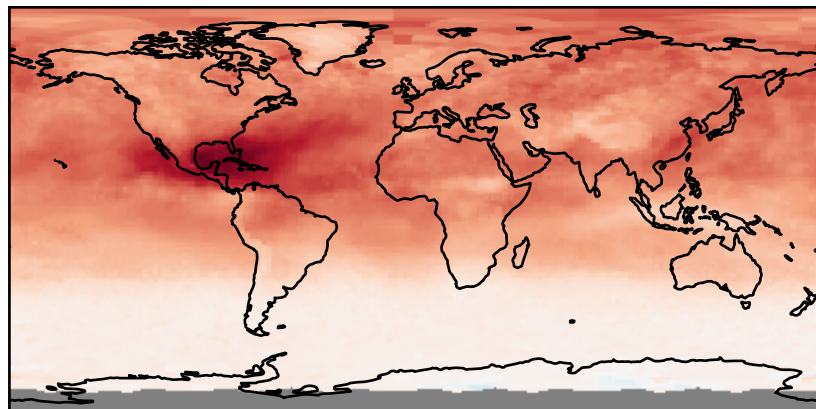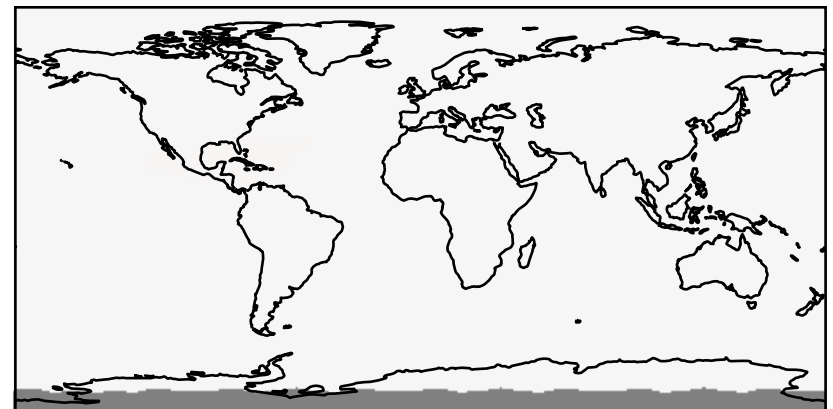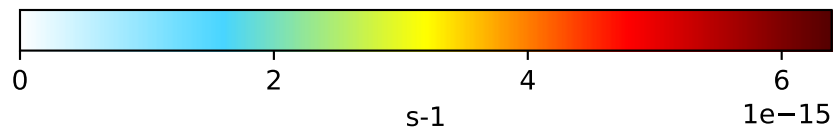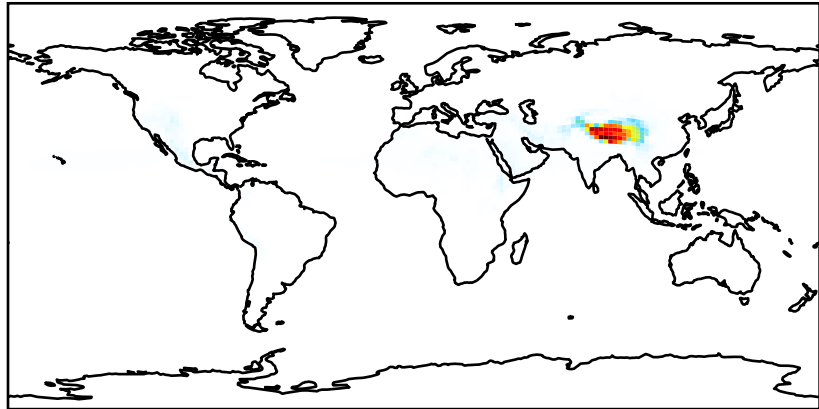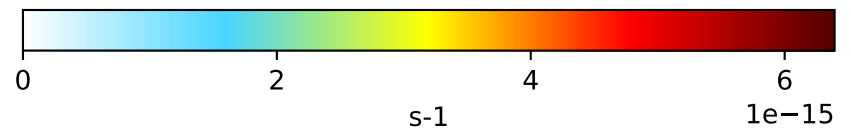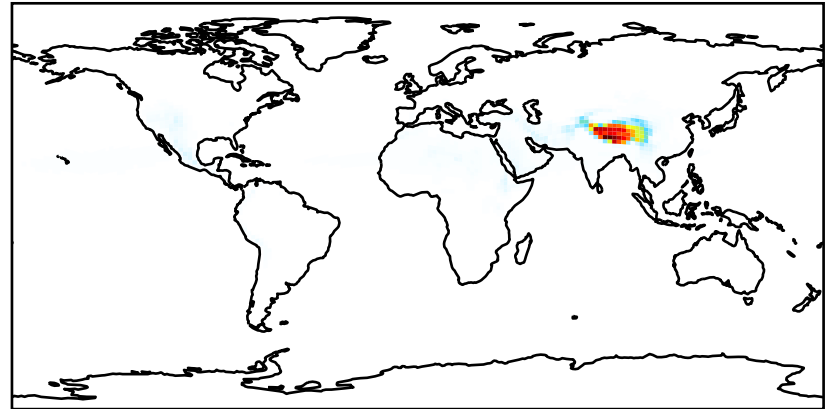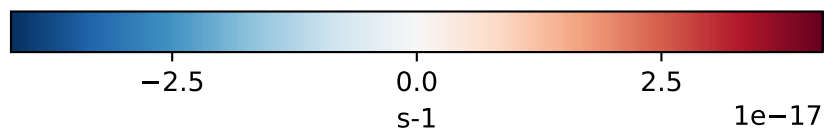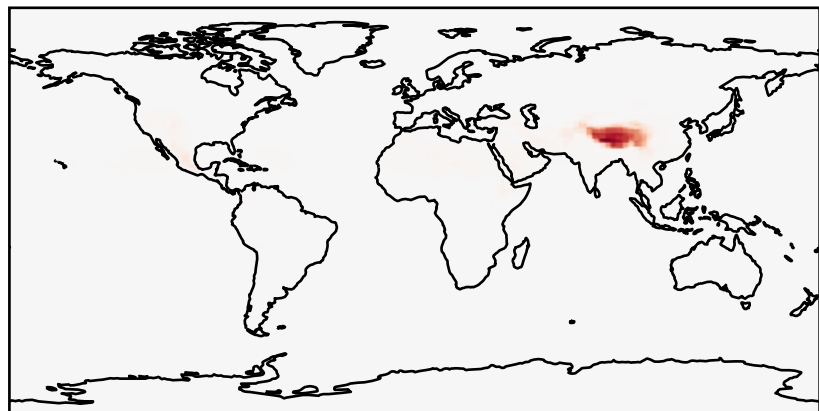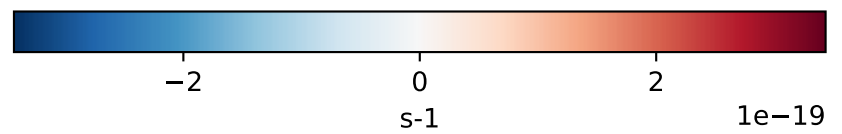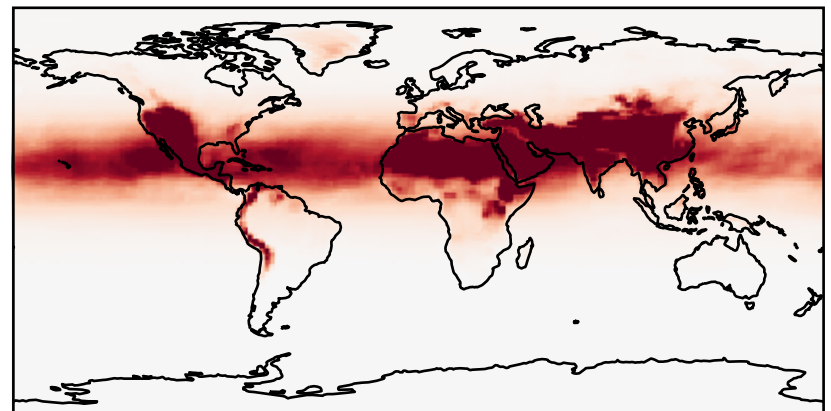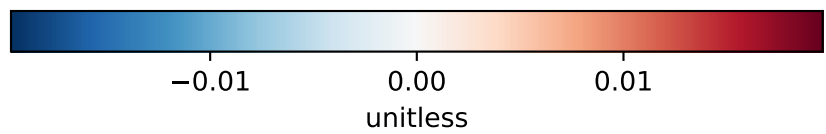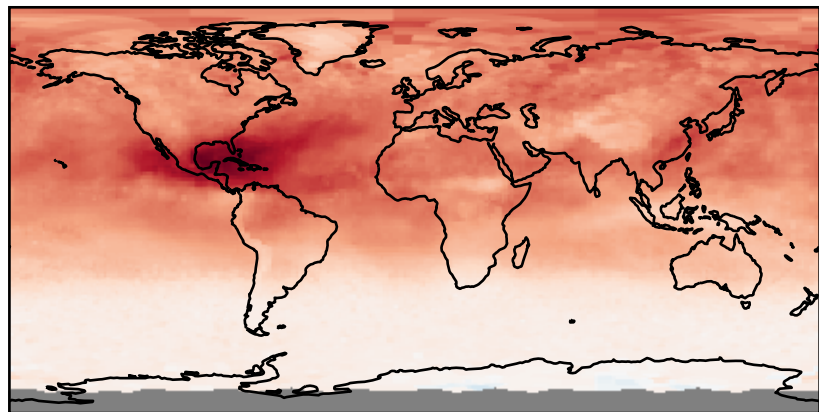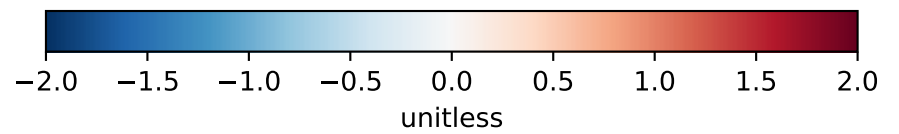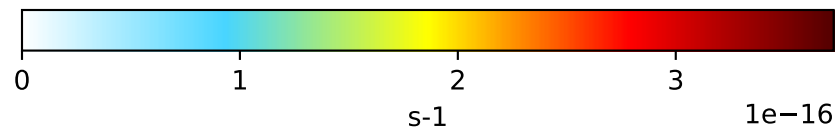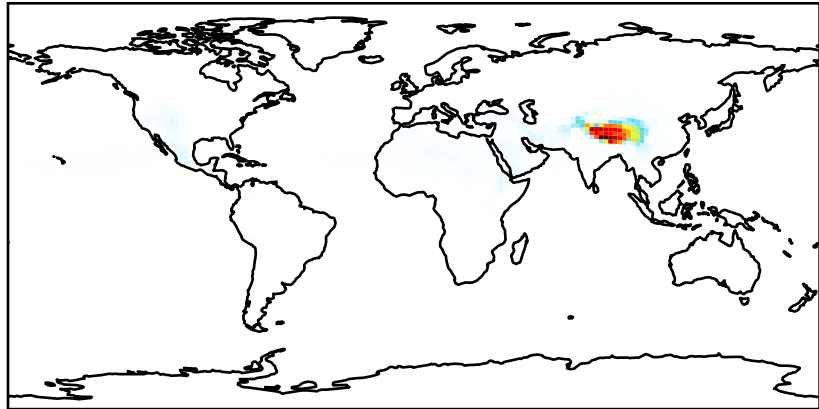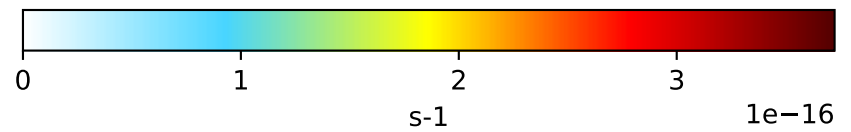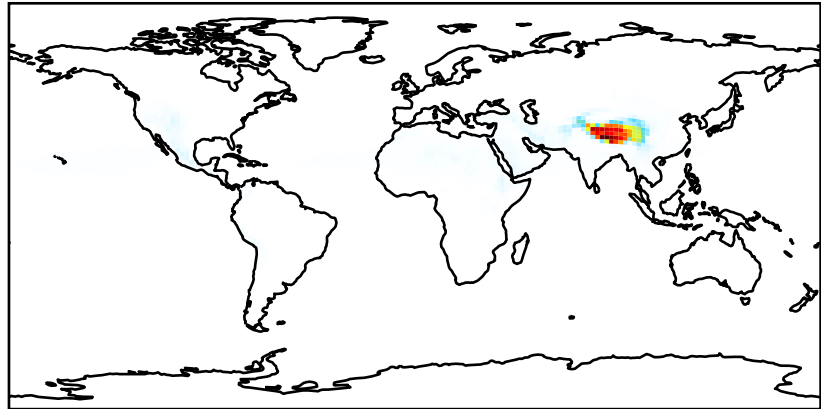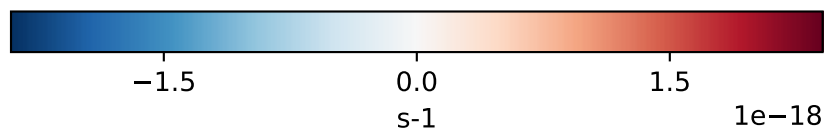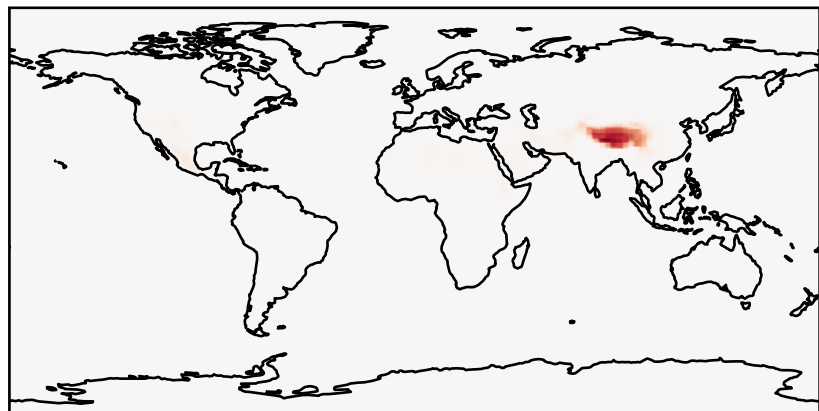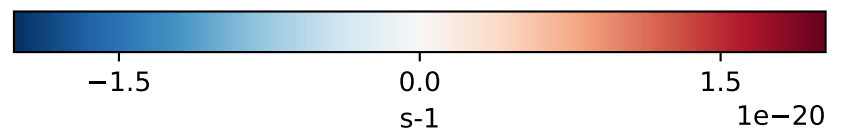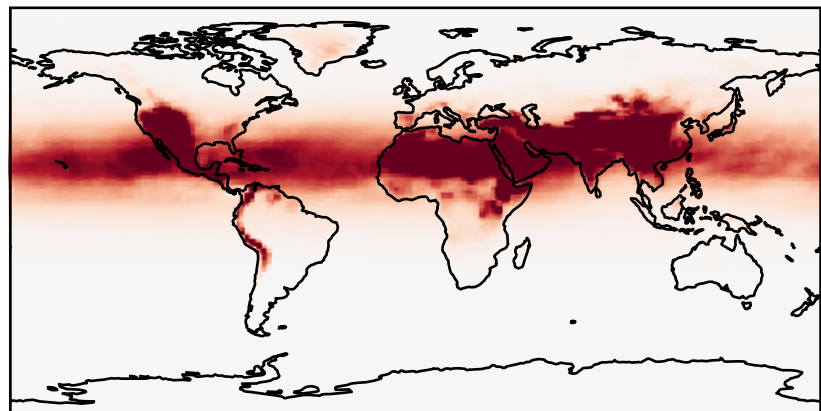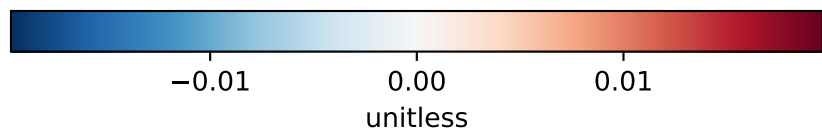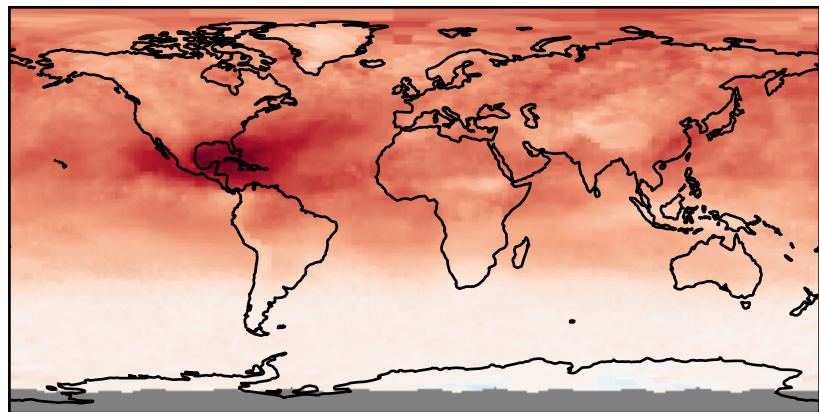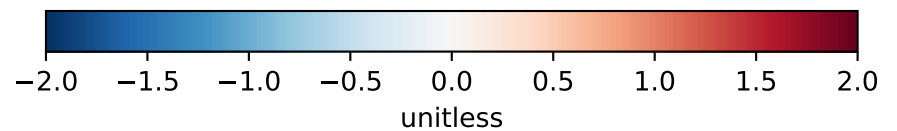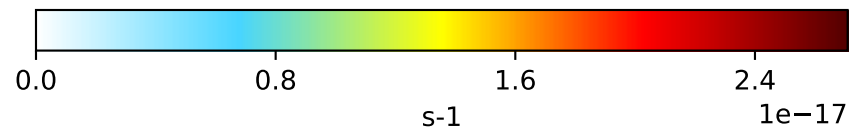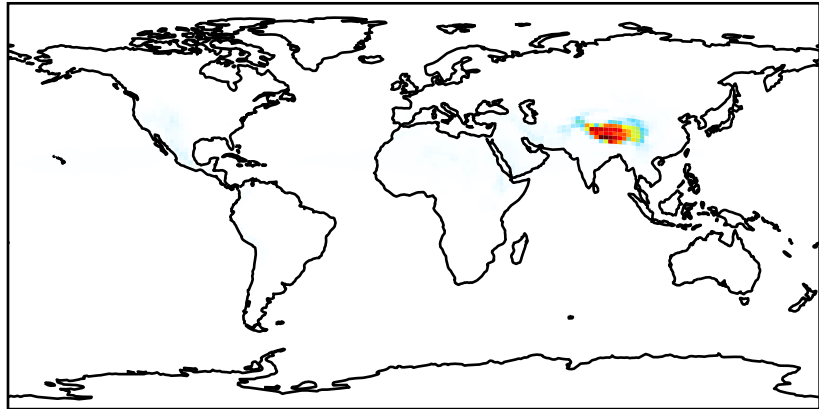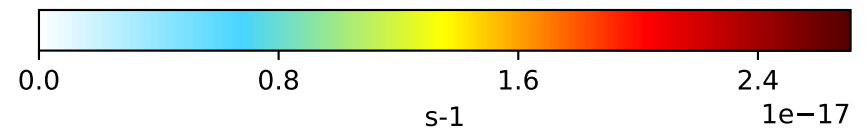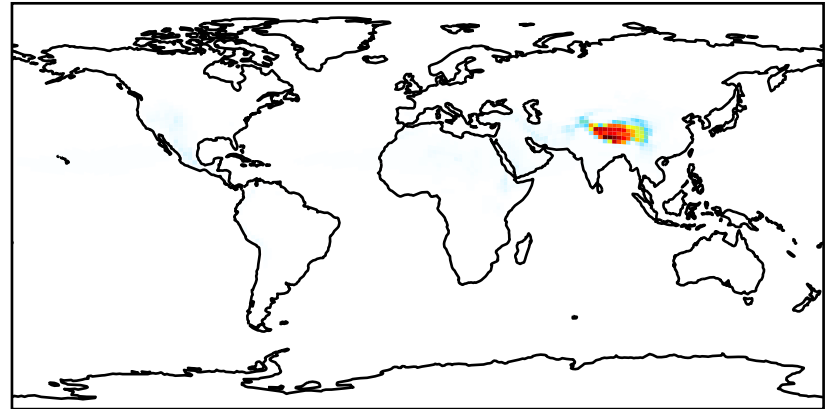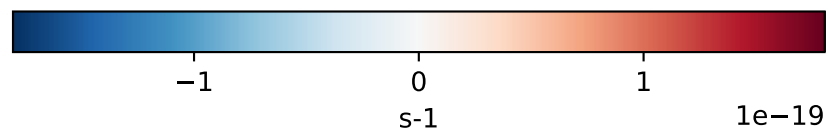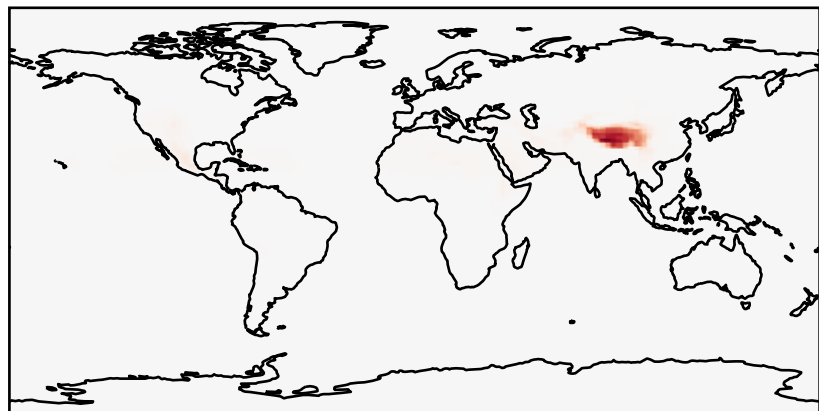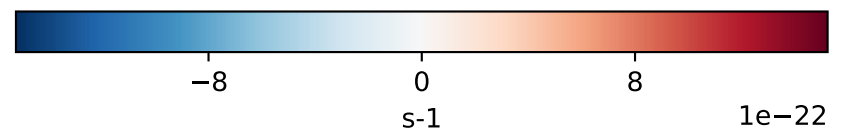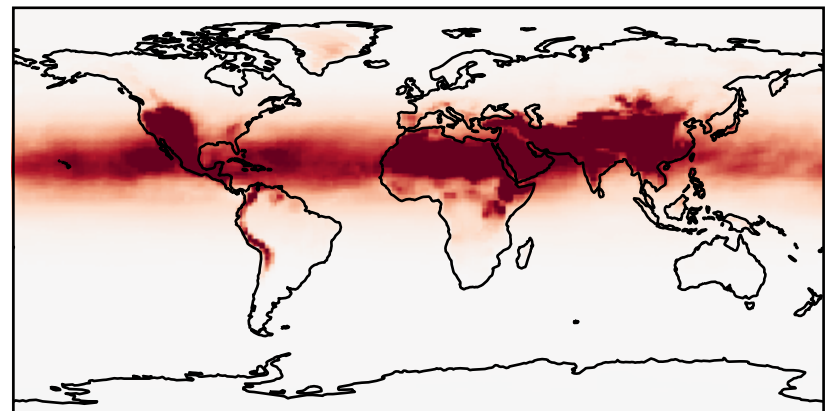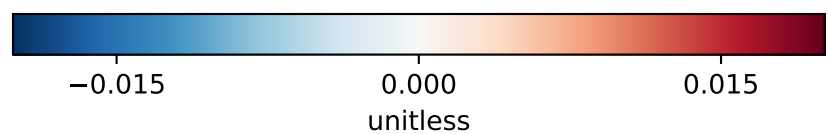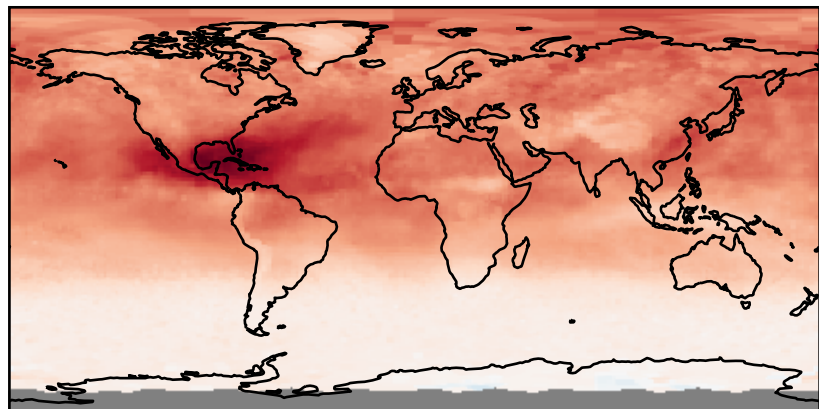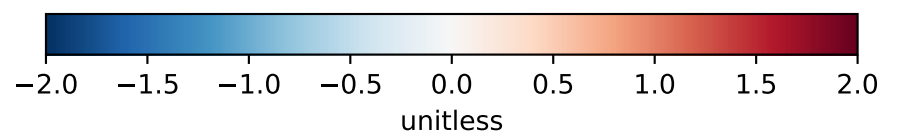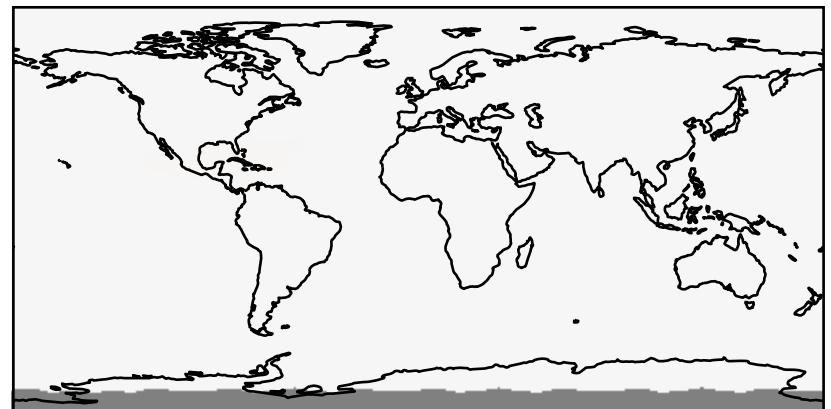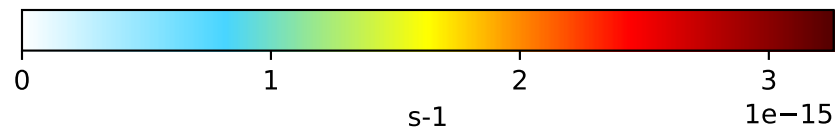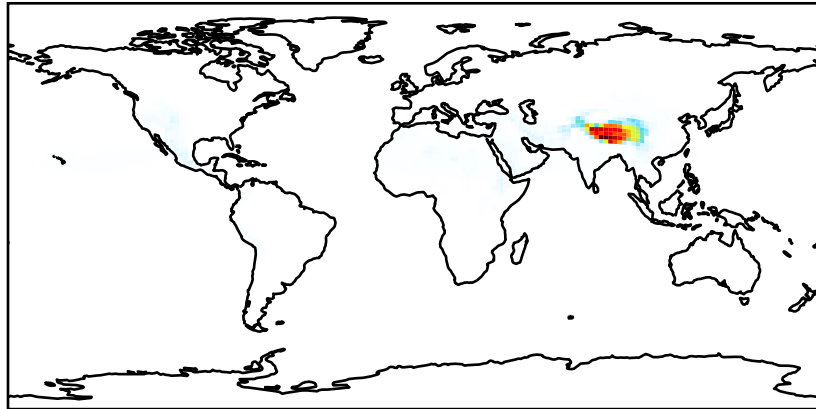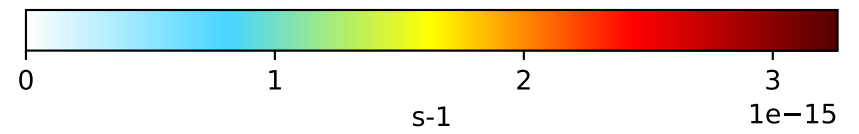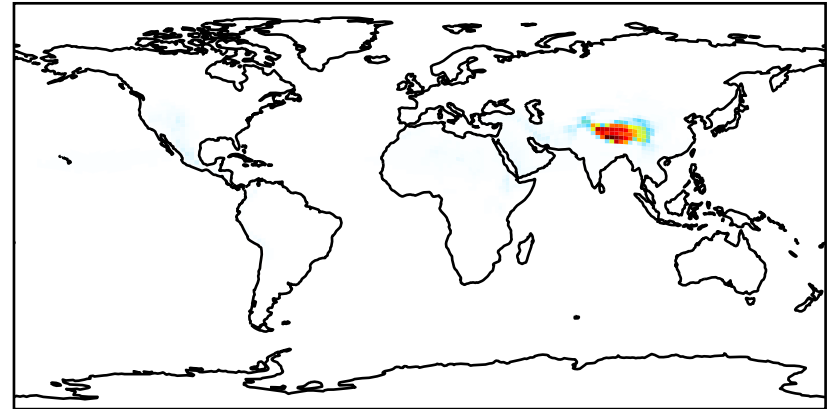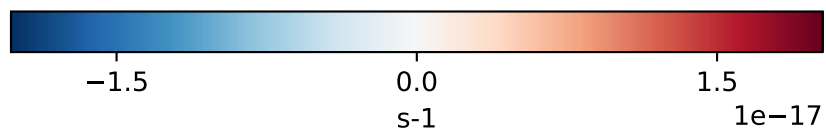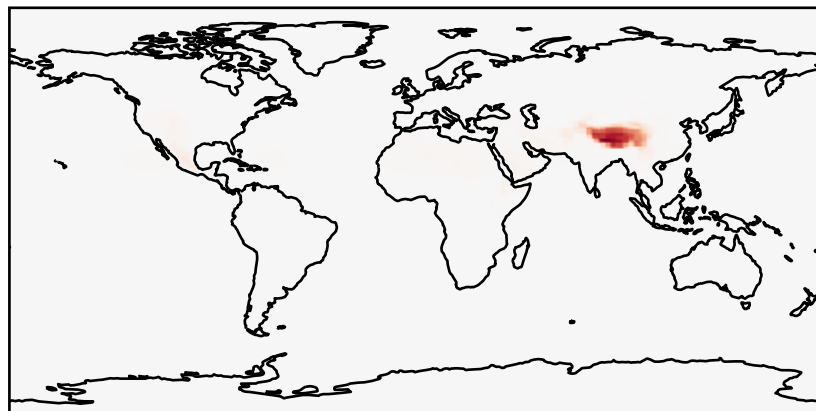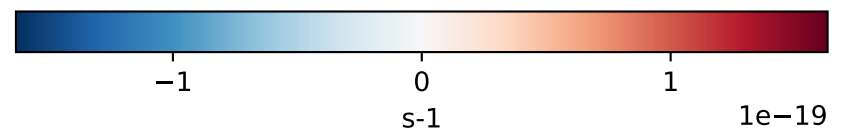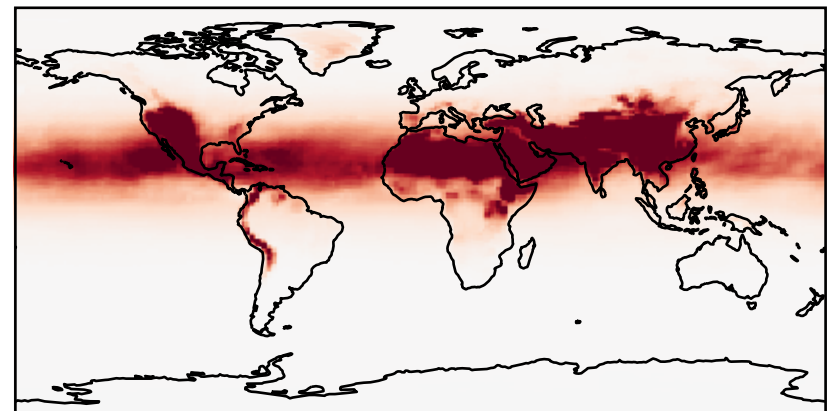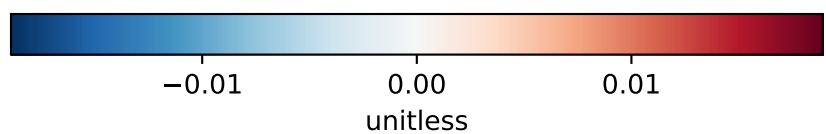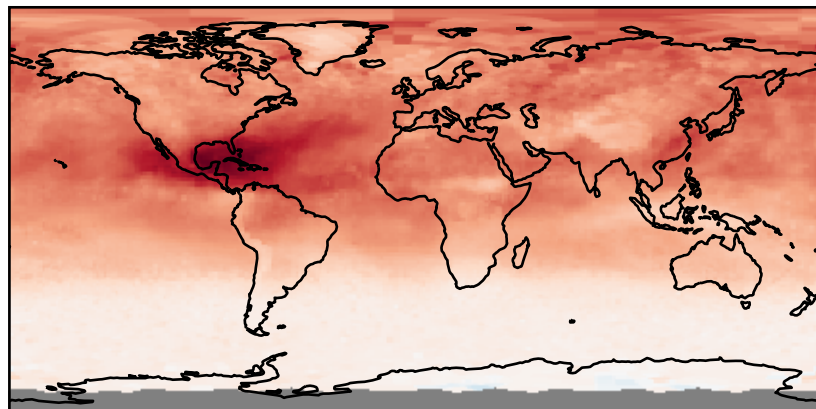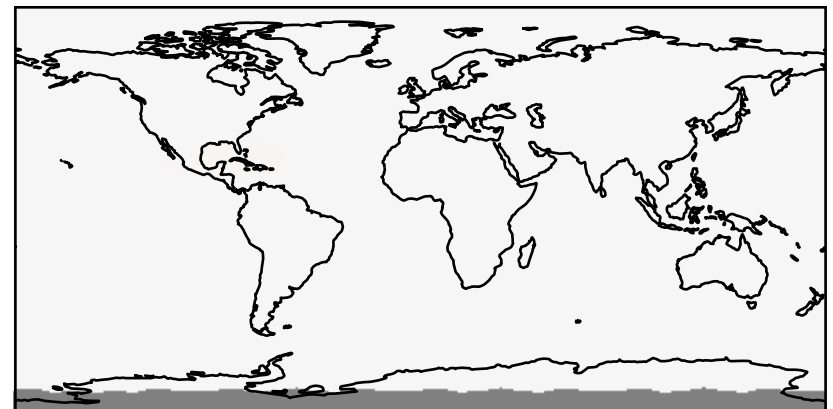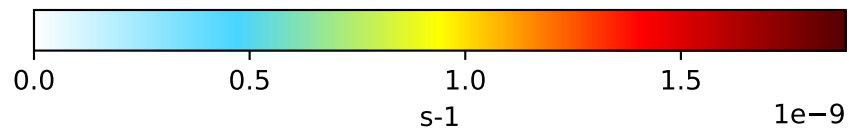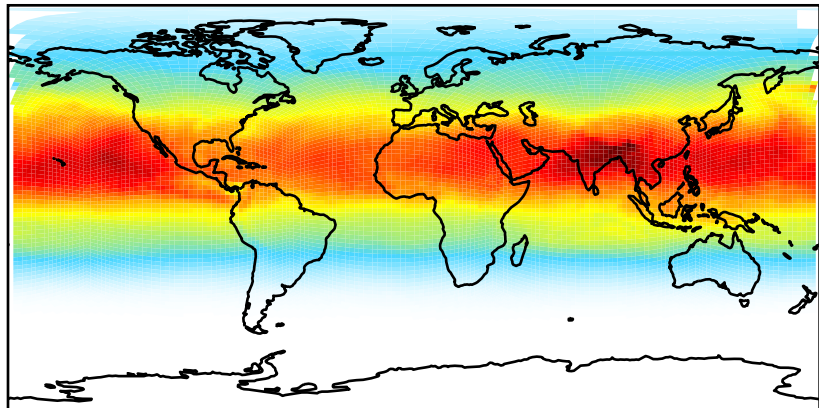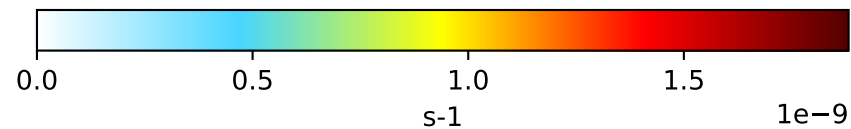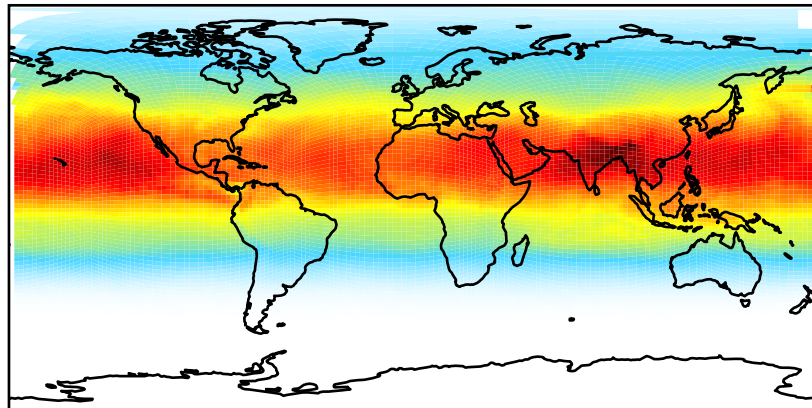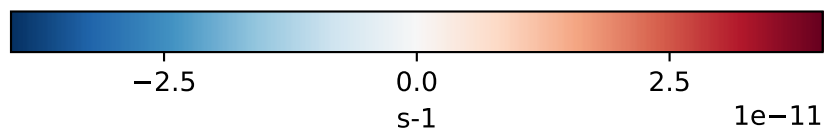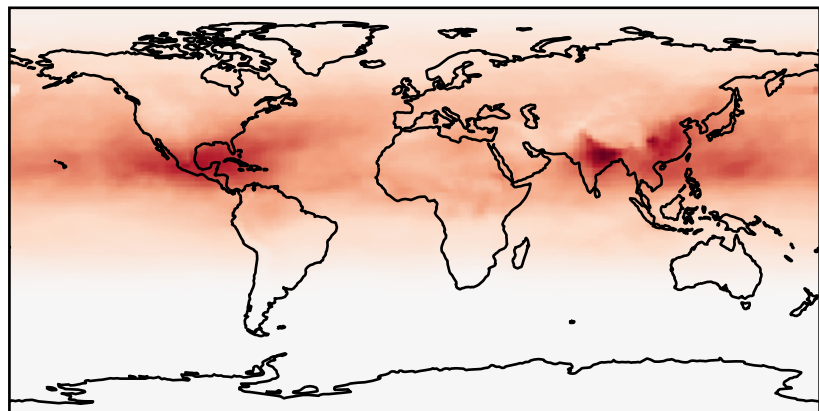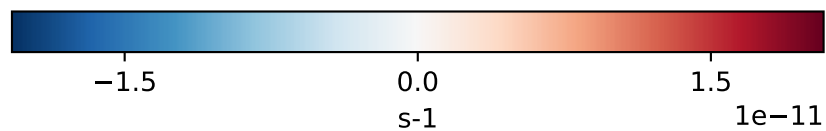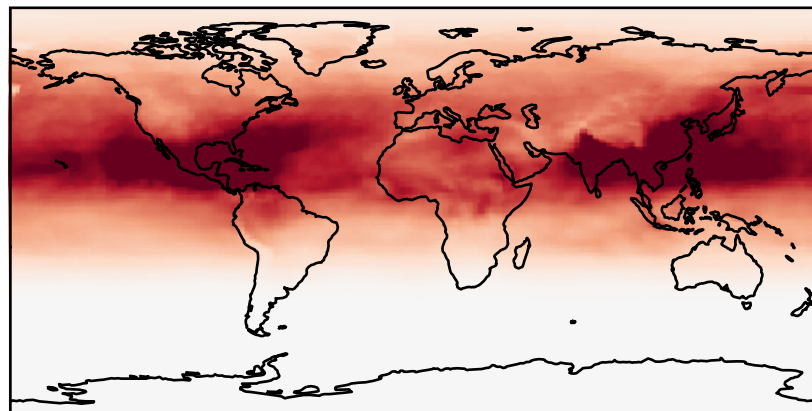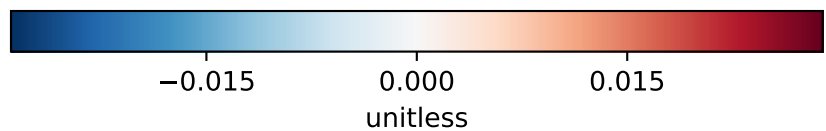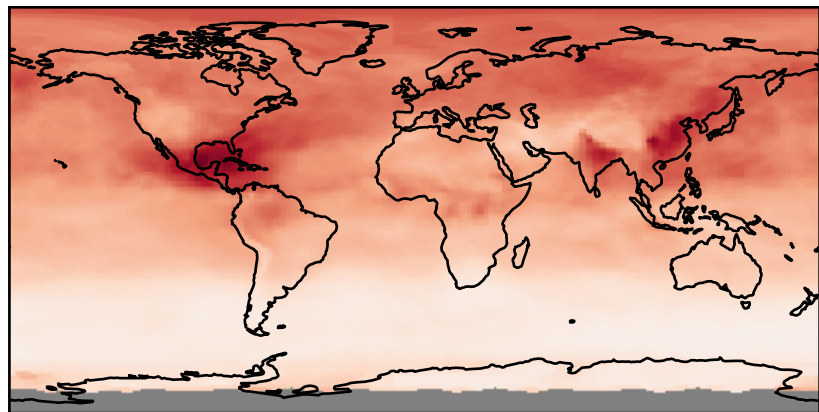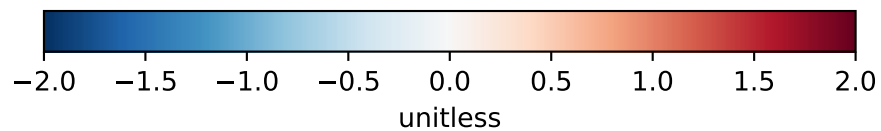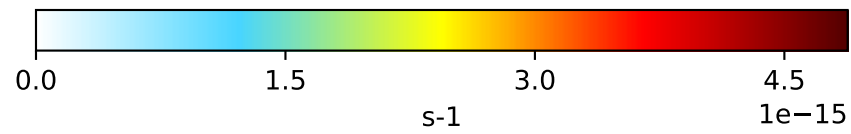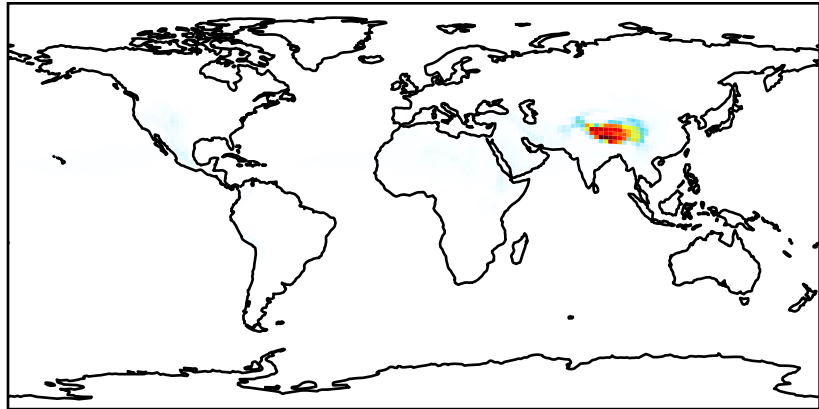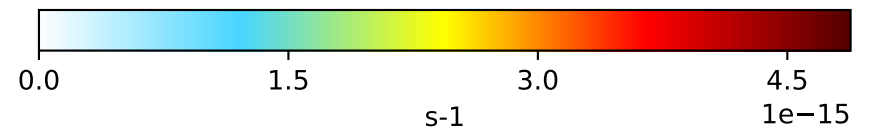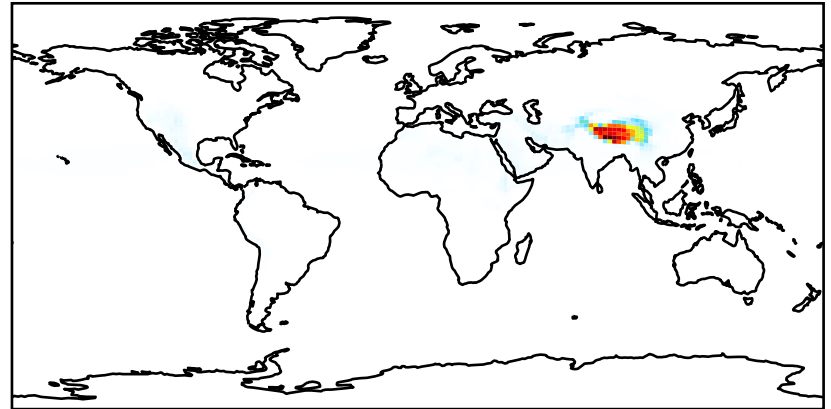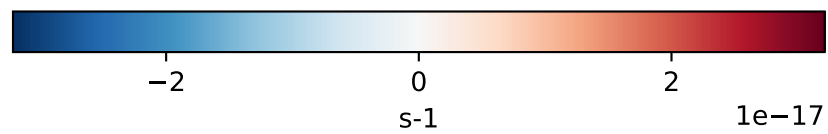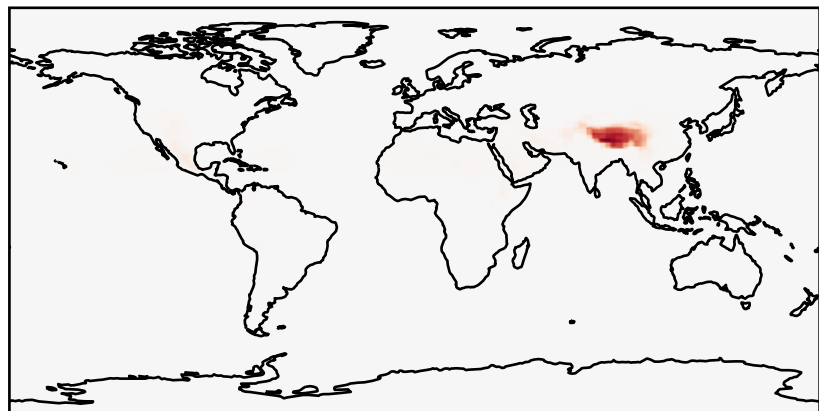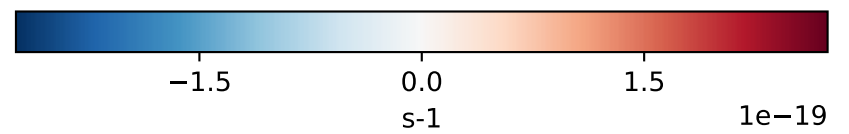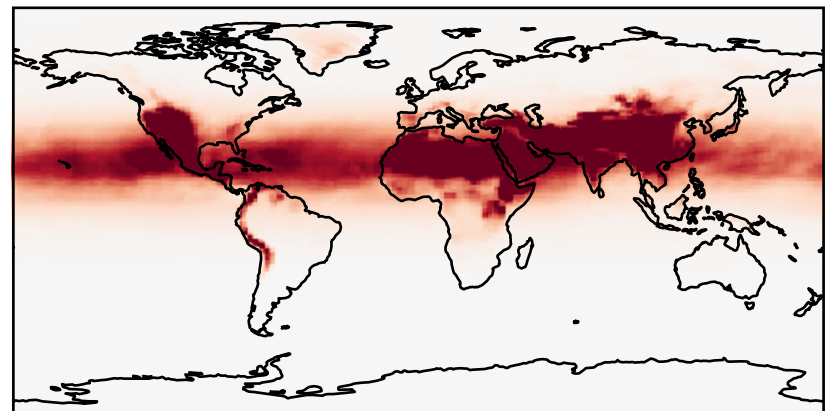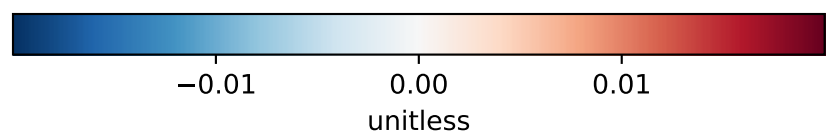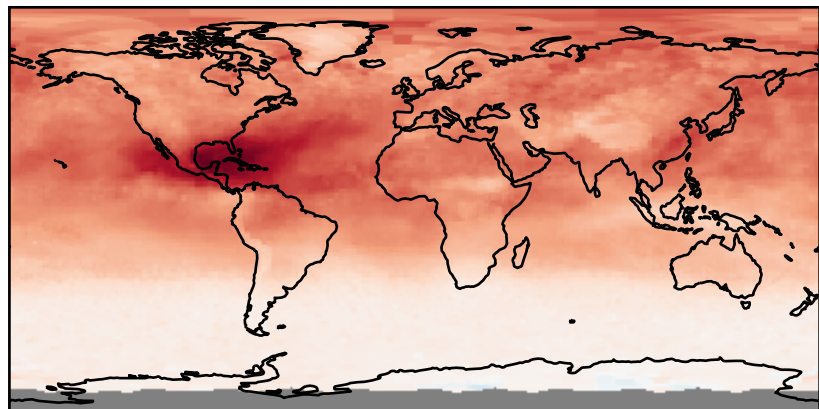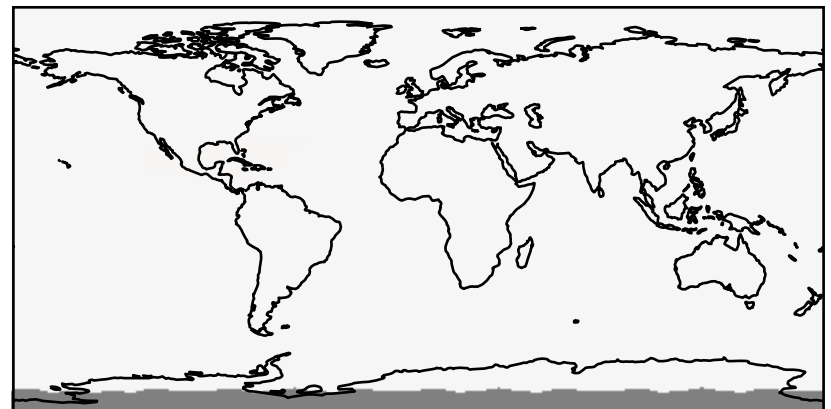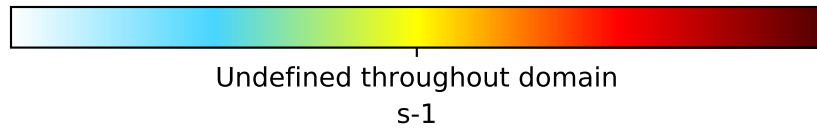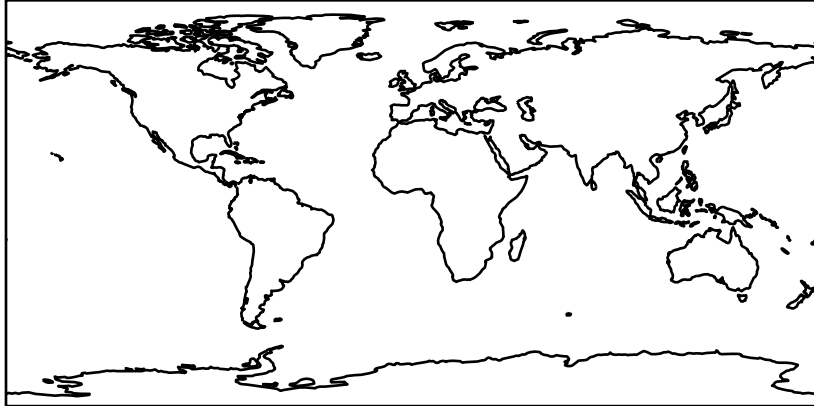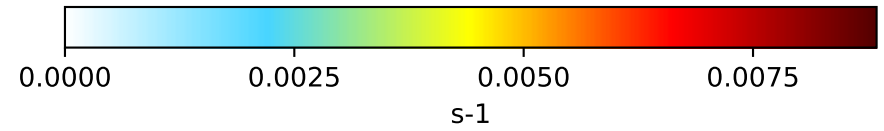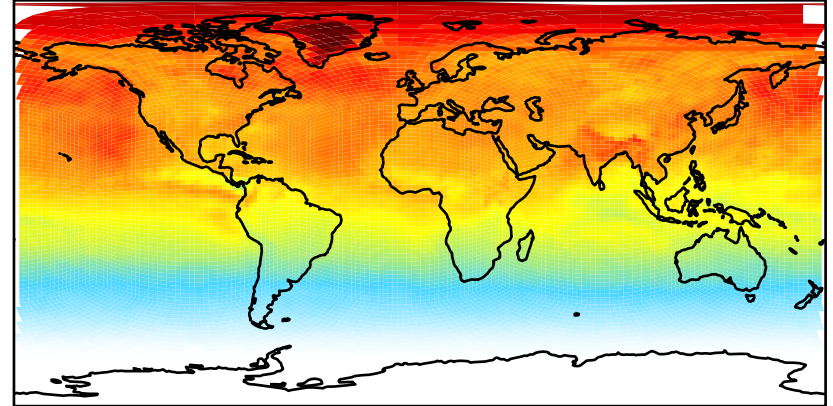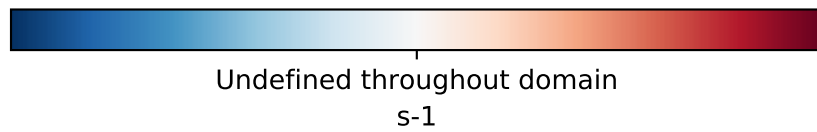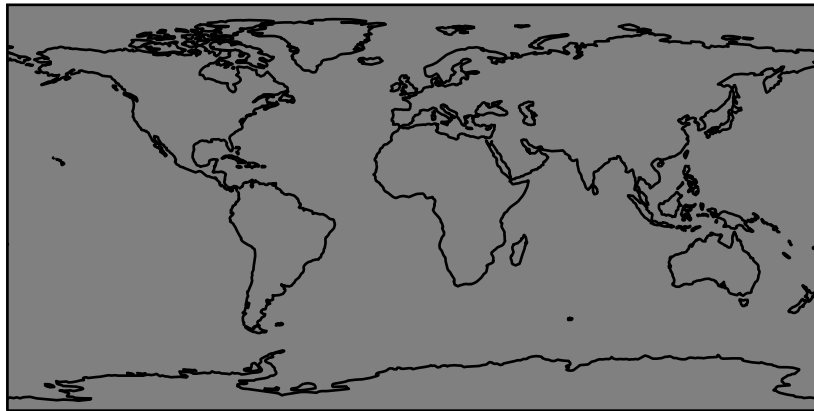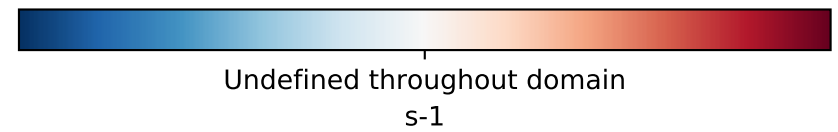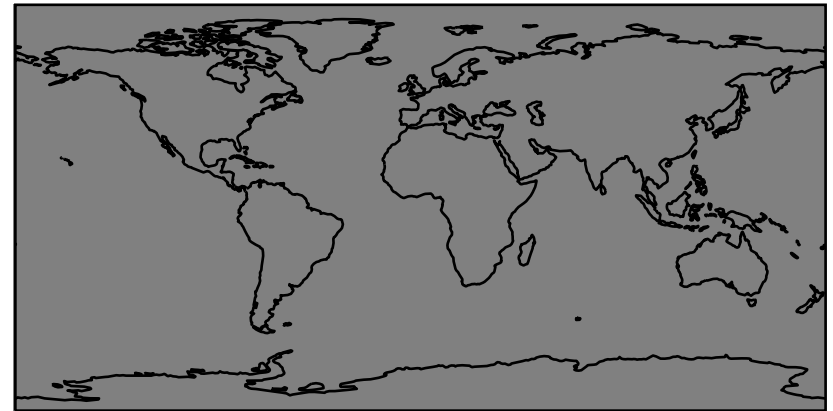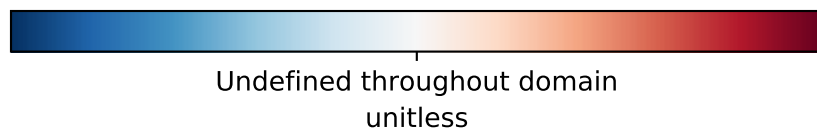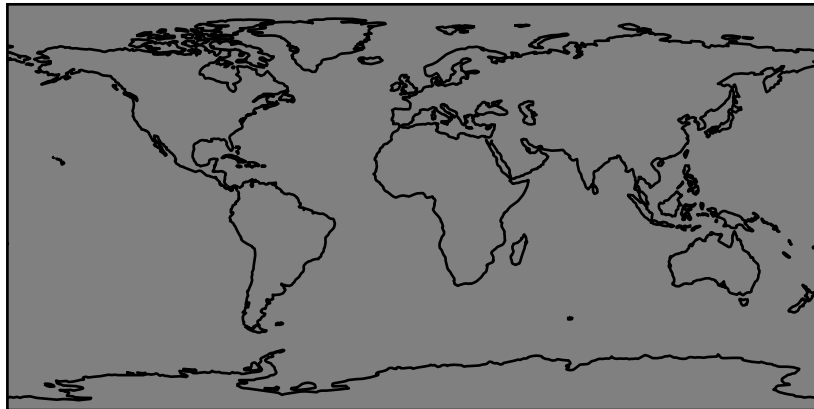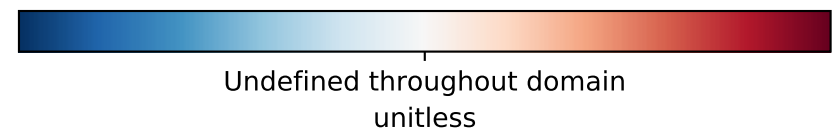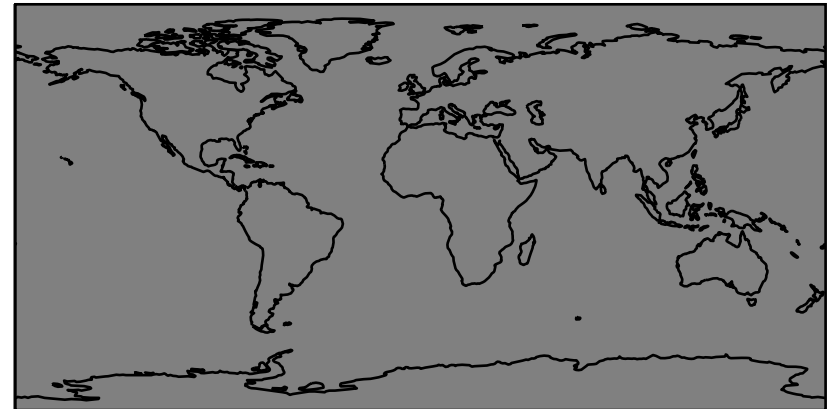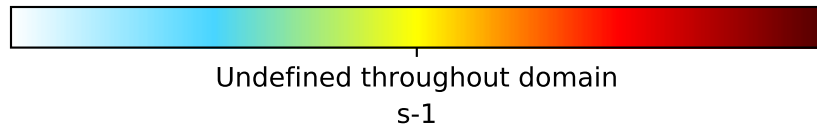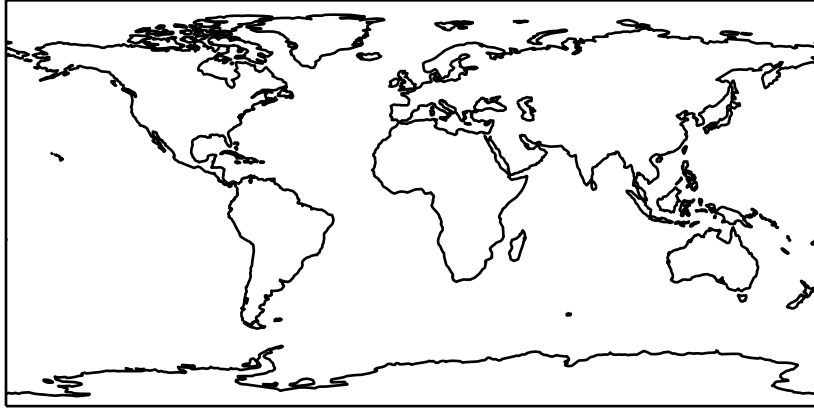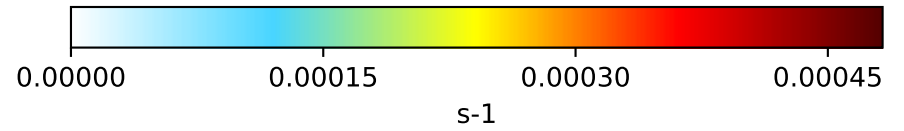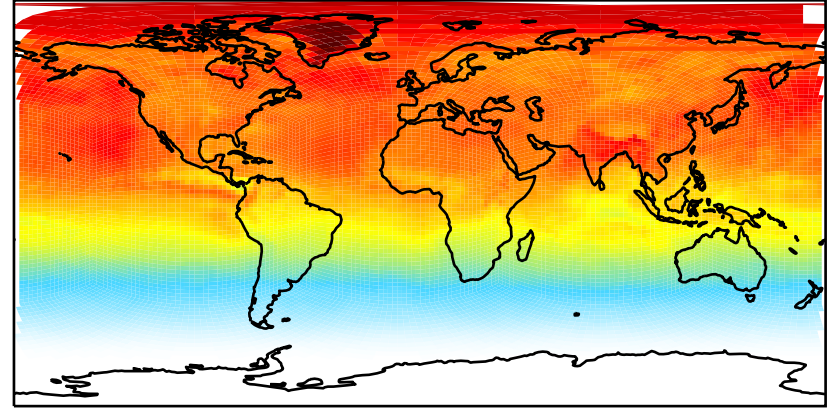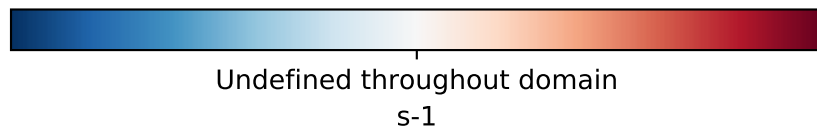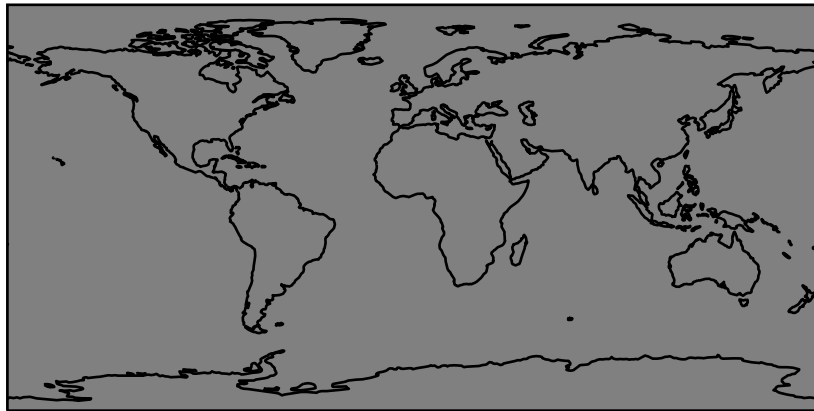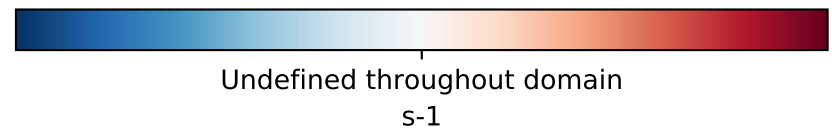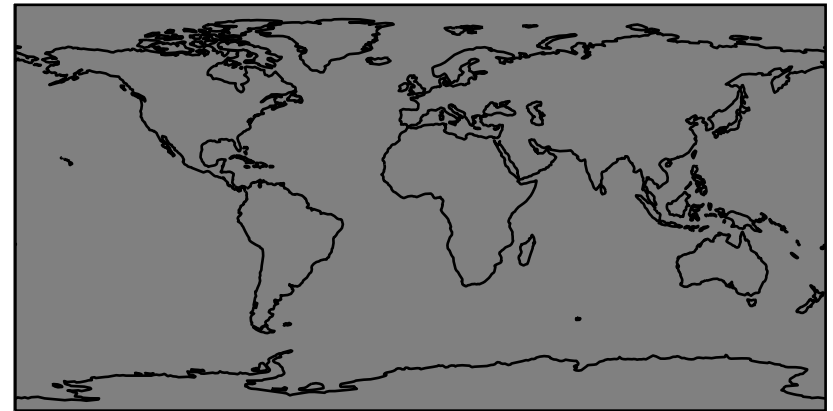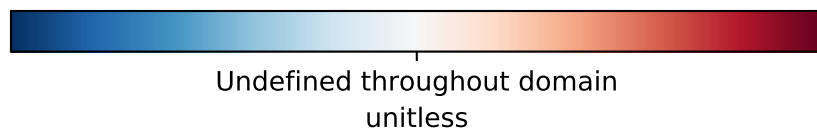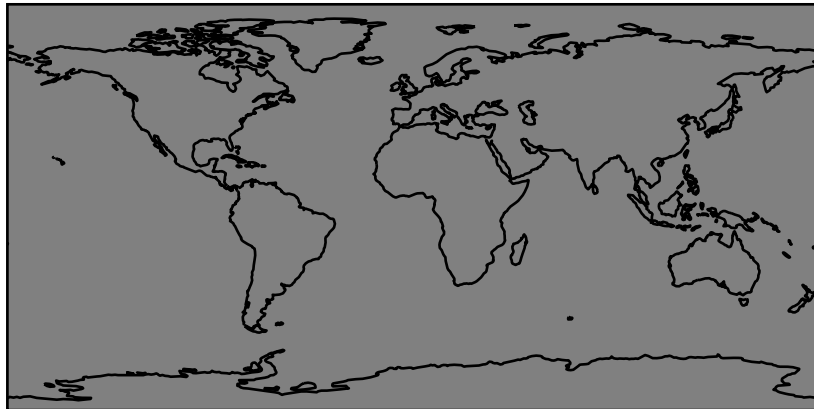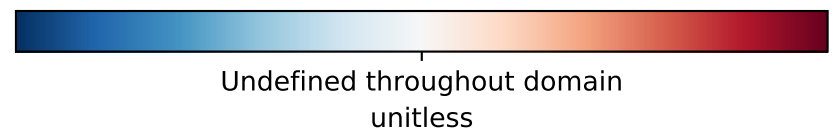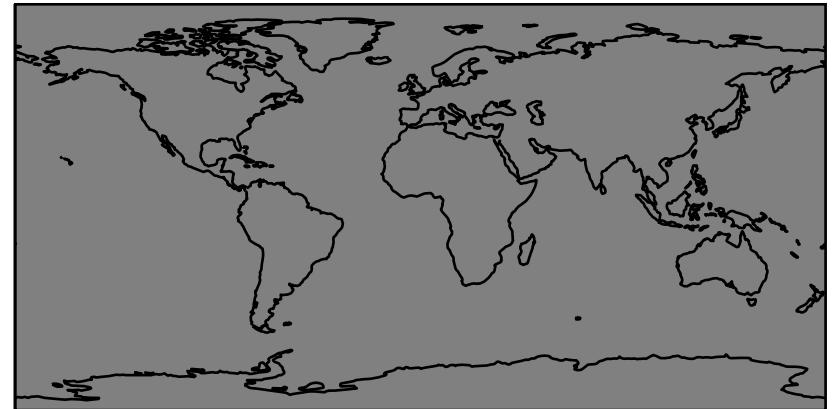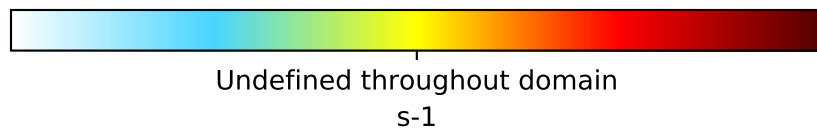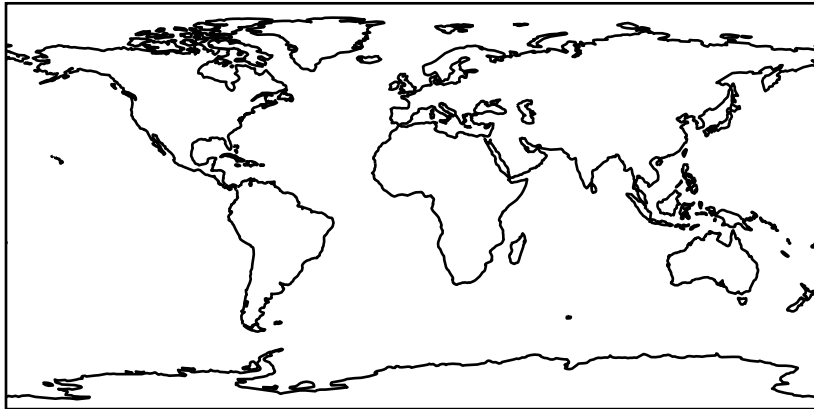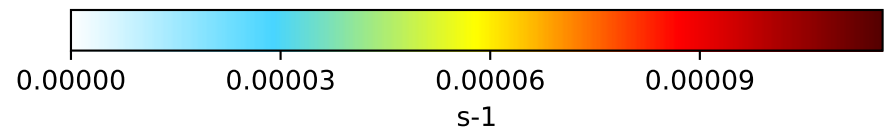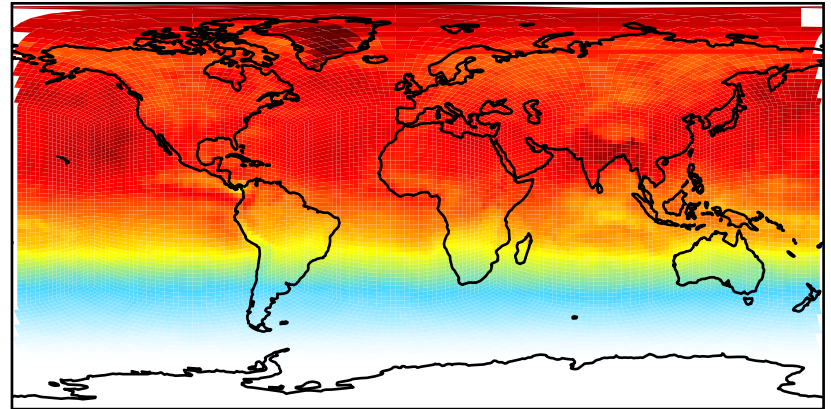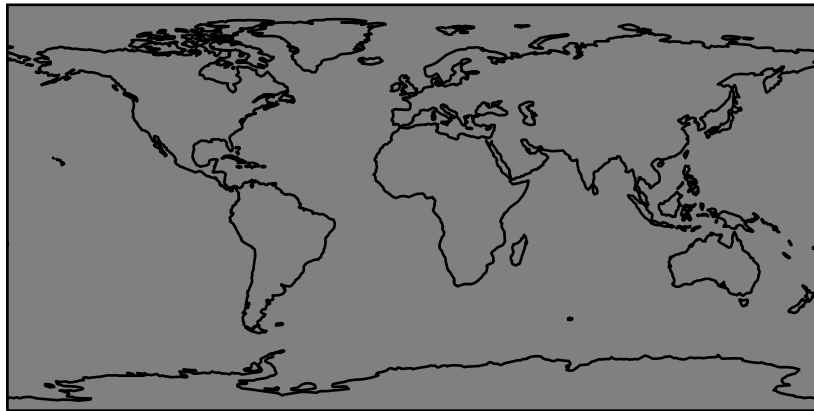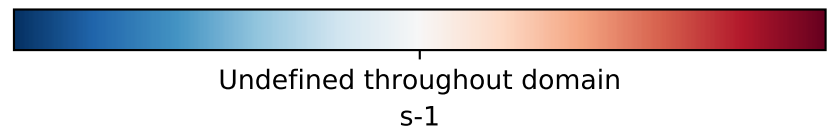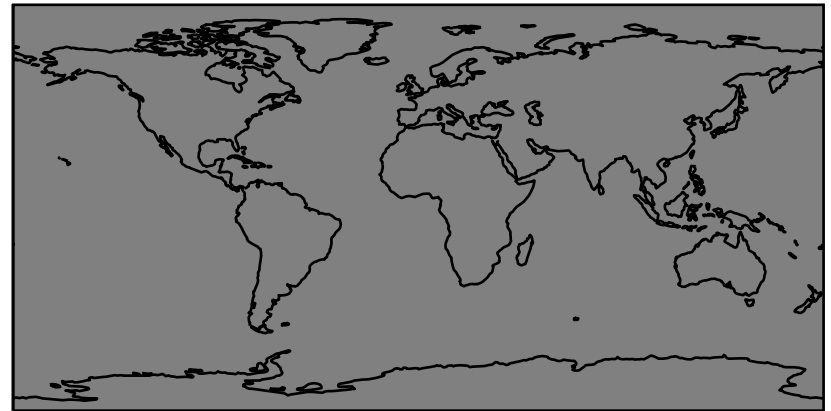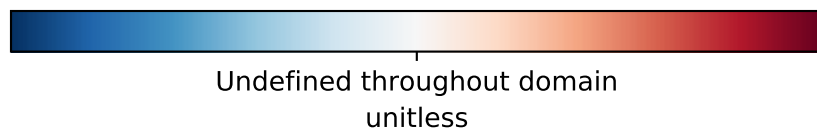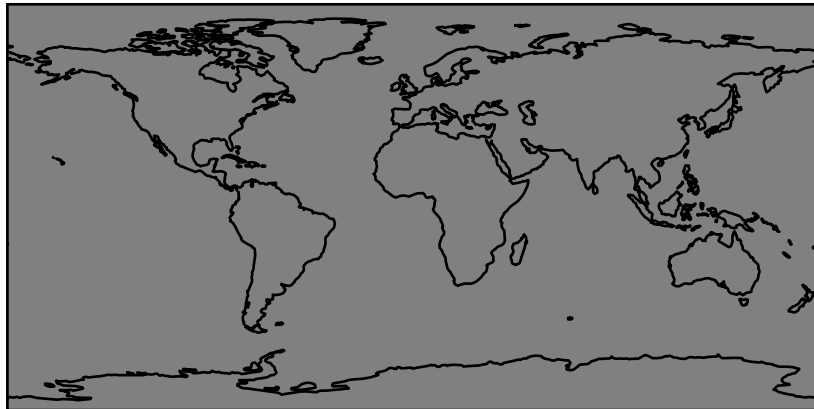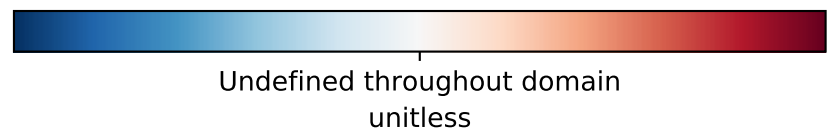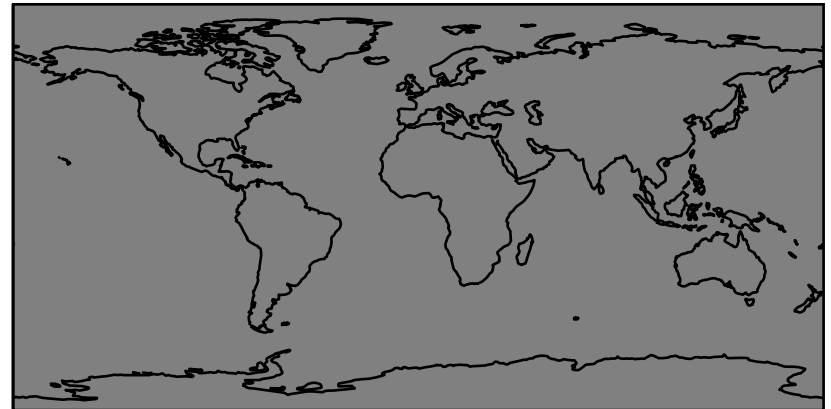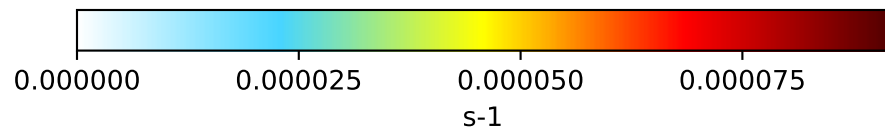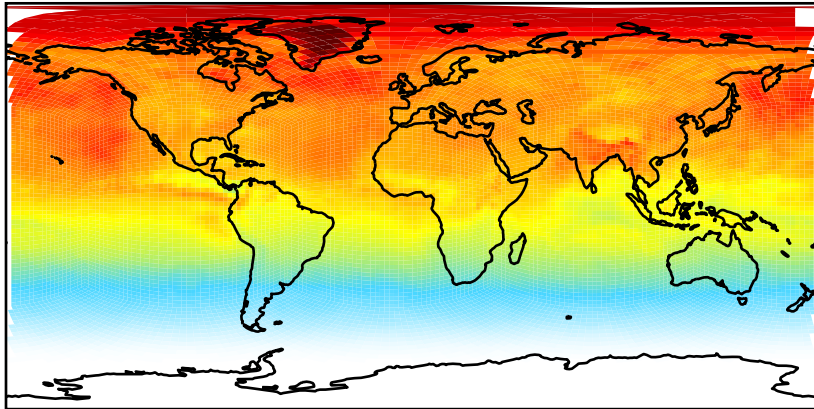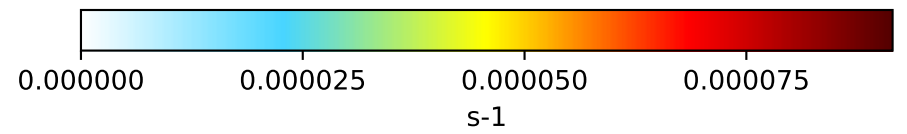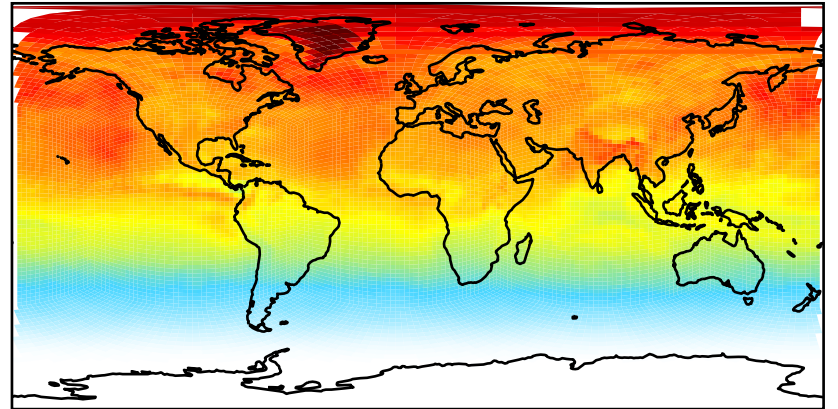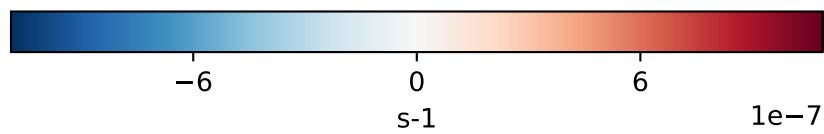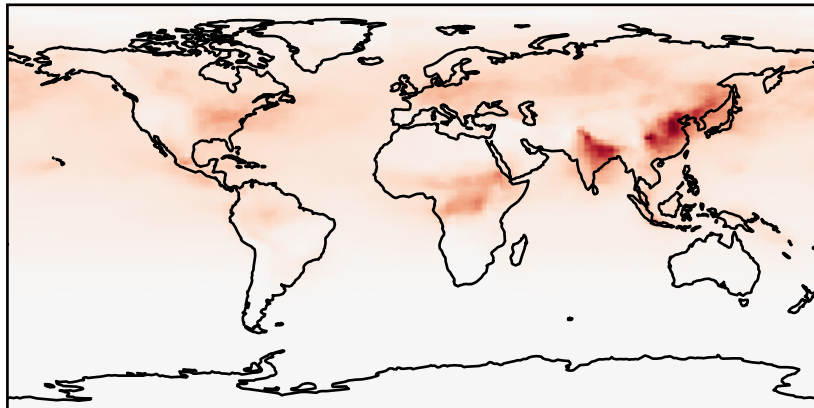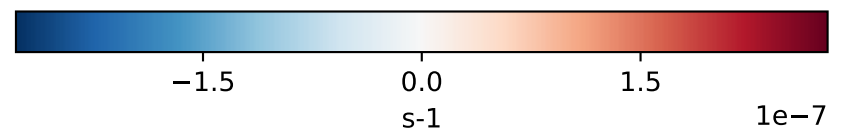(Dev-Ref)/Ref, Fixed Range

Jval_GLYC

Jval_GLYX

Jval_H1211

Jval_H1301

Jval_H2402

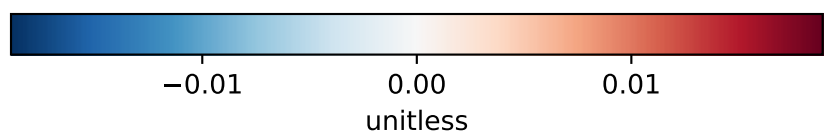# Jval_H2O2

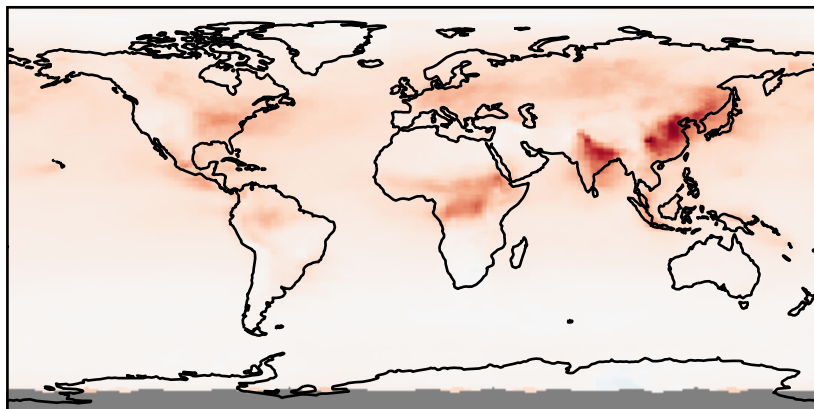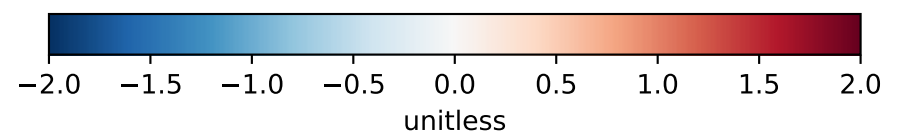| GCHP_12.5.0 (Ref) | GCHP_12.6.0 (Dev) |
| c48 | c48 |

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

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

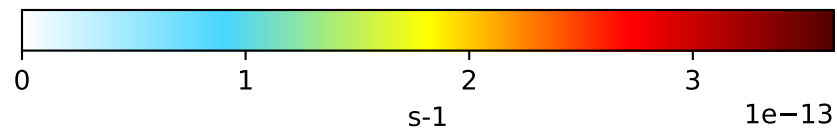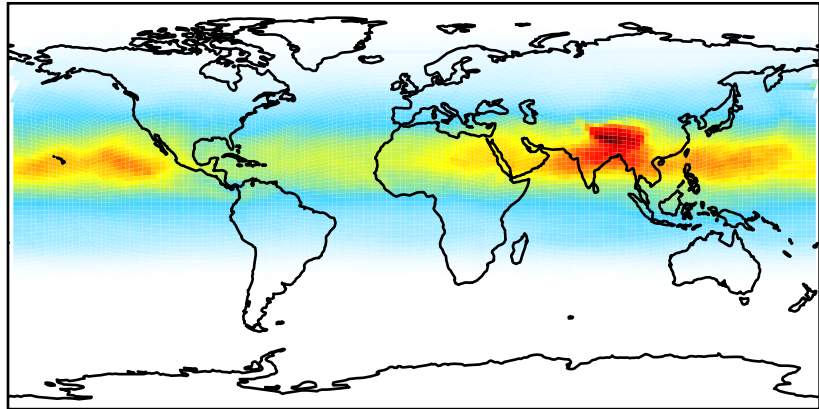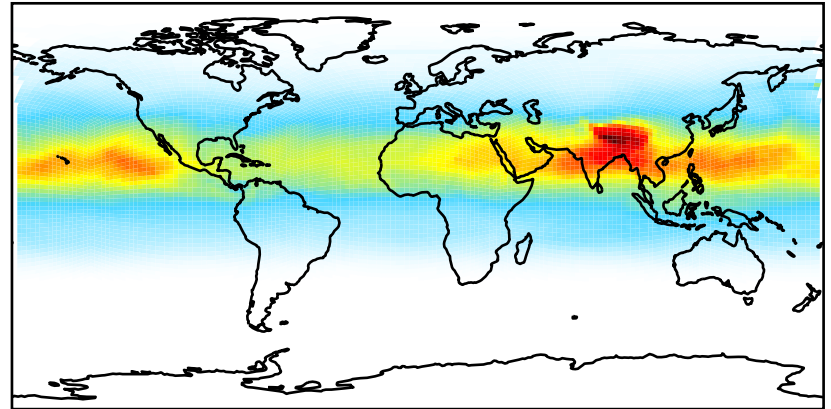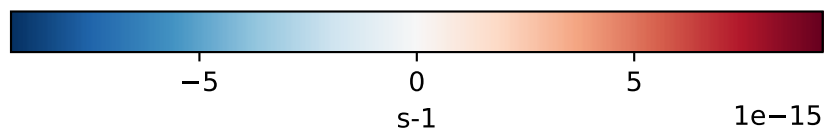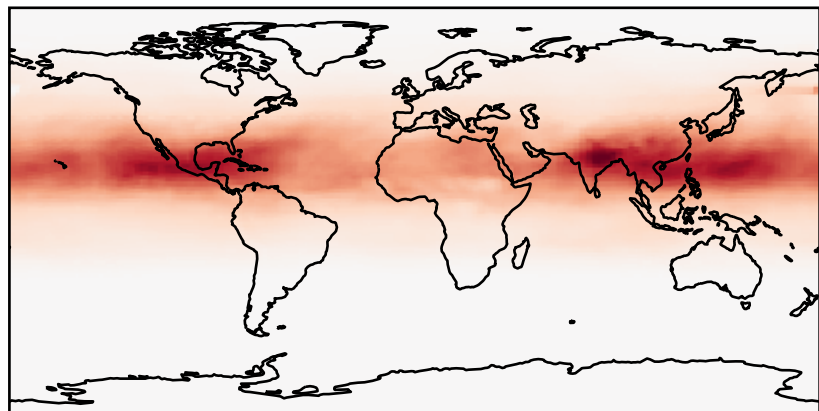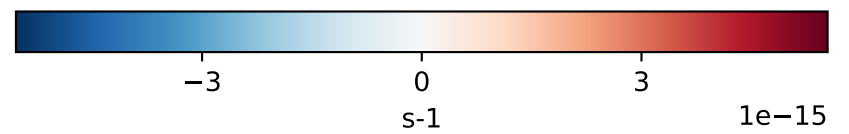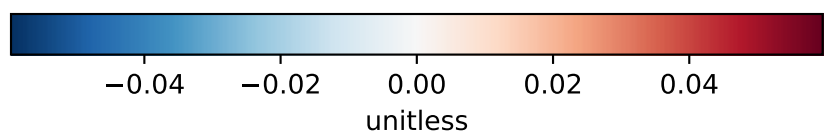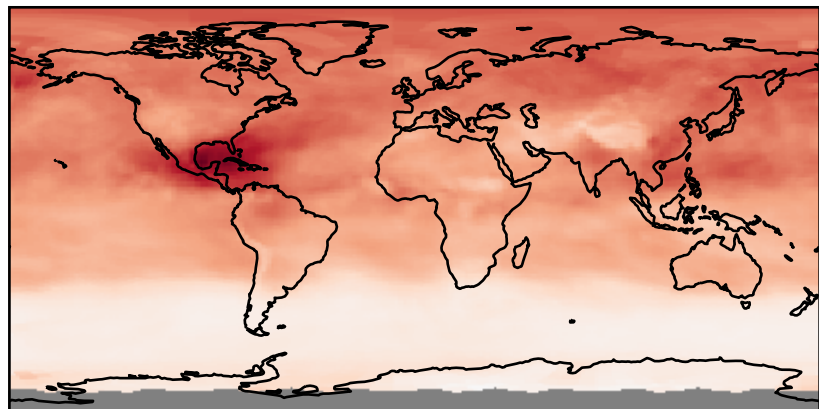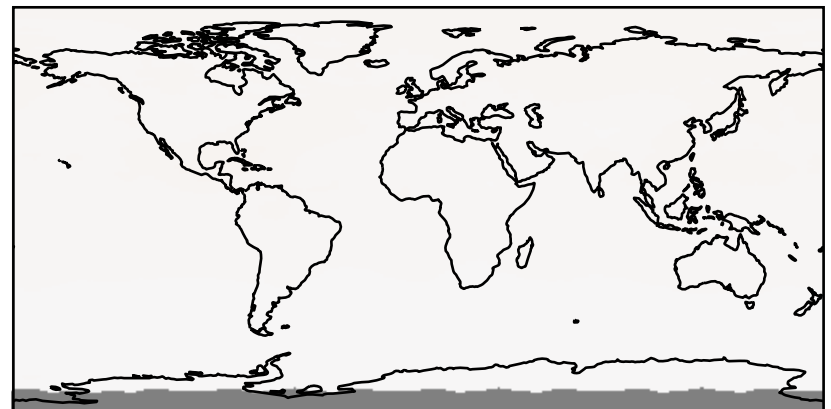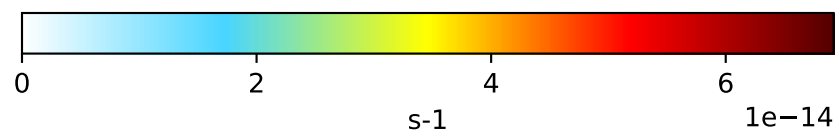Fractional Difference (1x1.25)
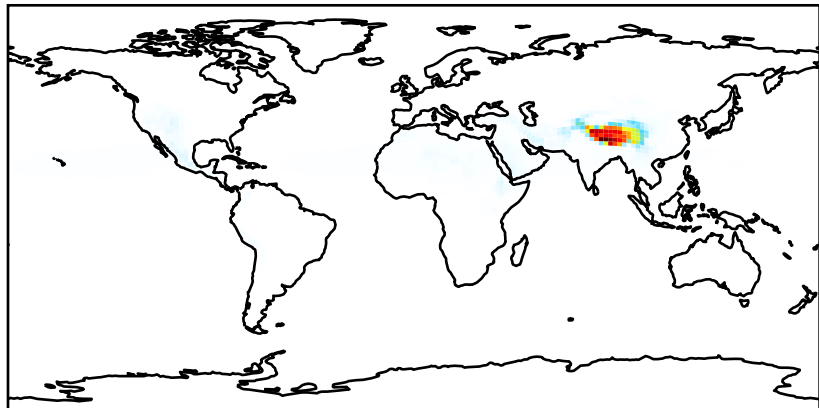(Dev-Ref)/Ref, Dynamic Range

Fractional Difference (1x1.25)
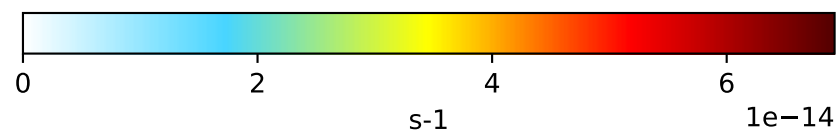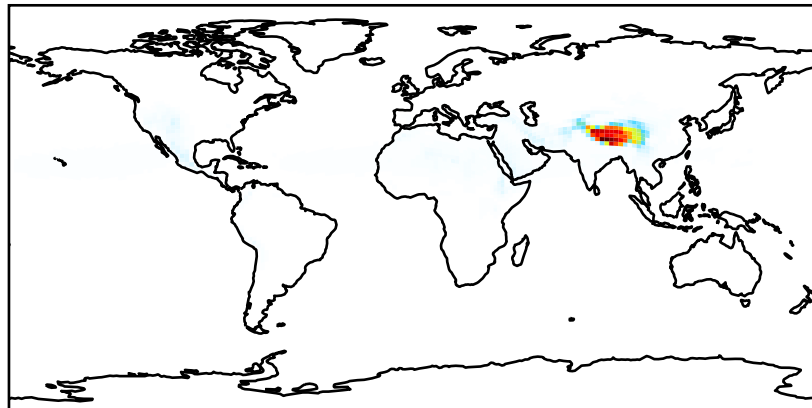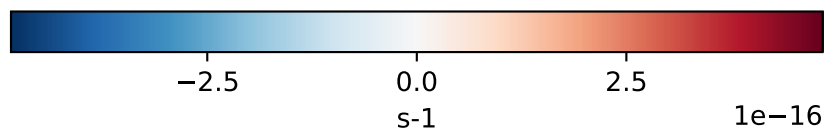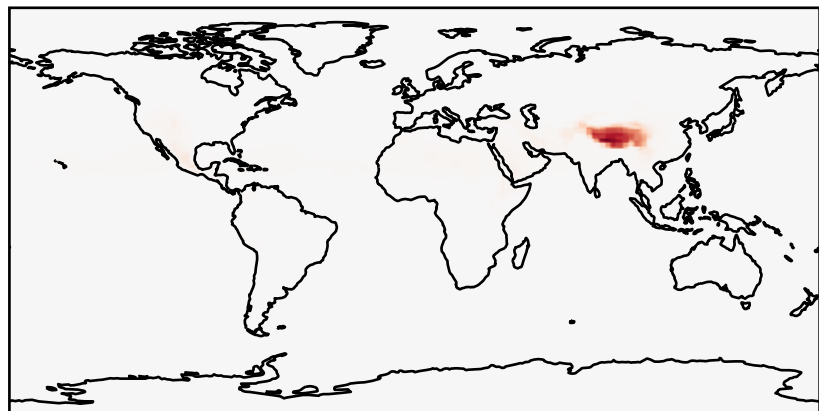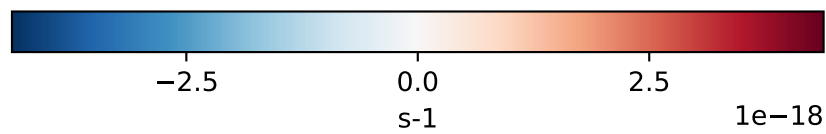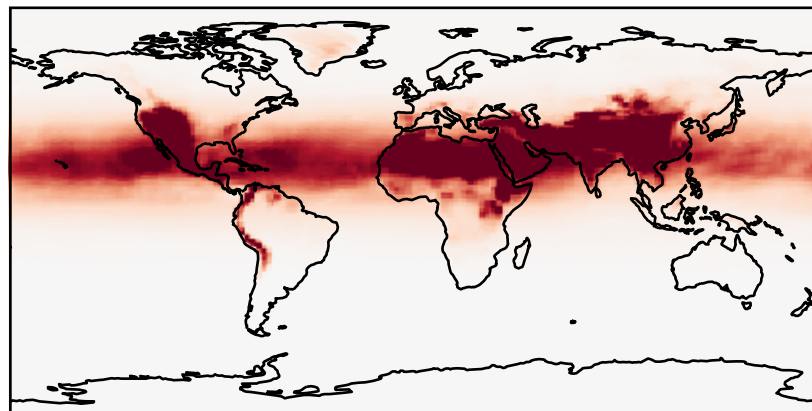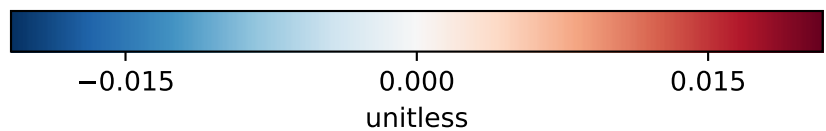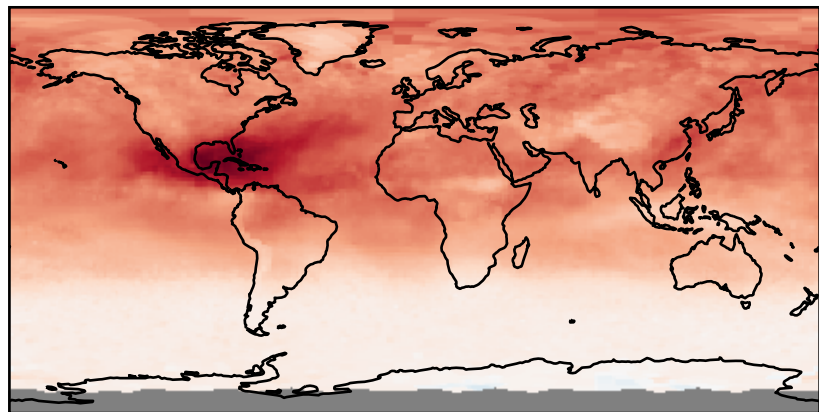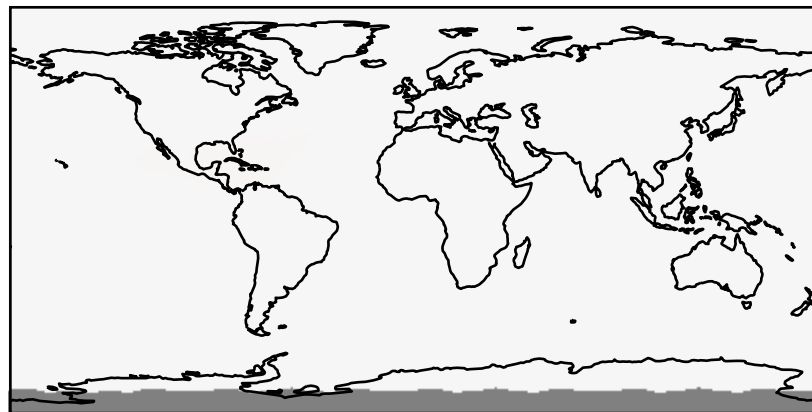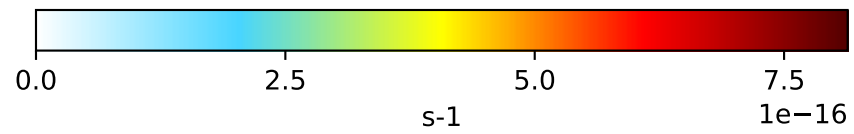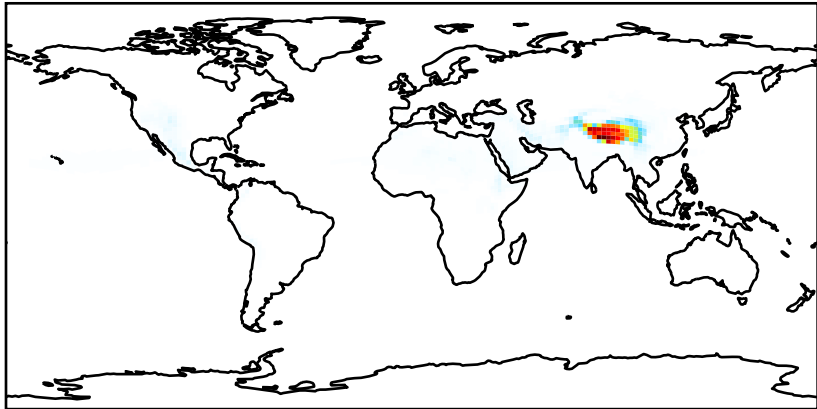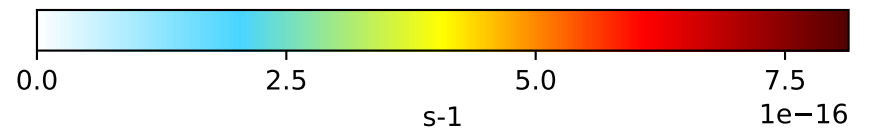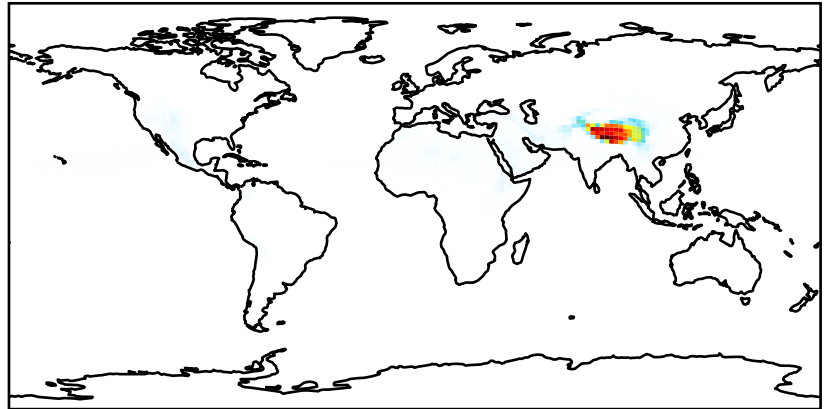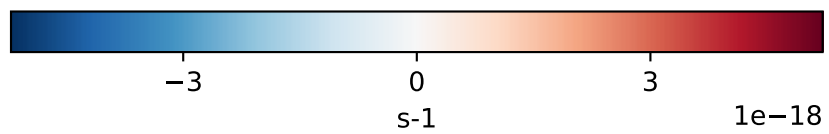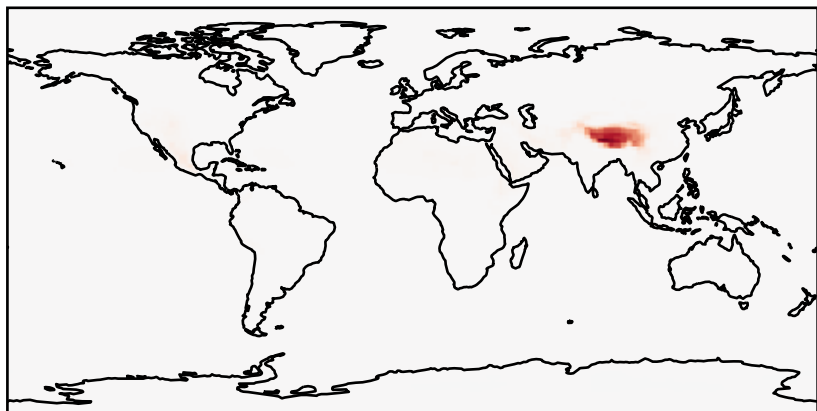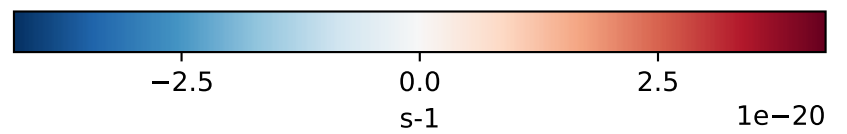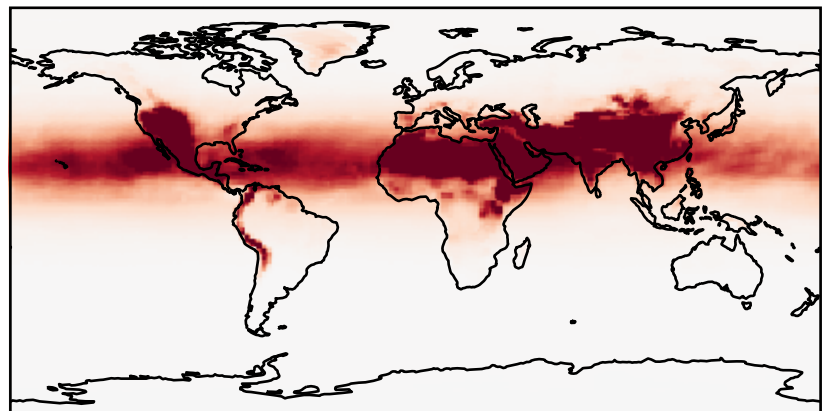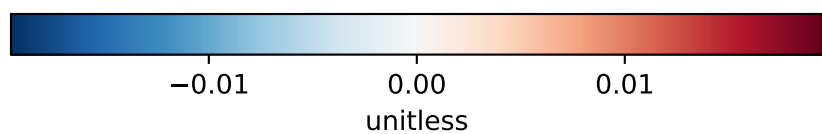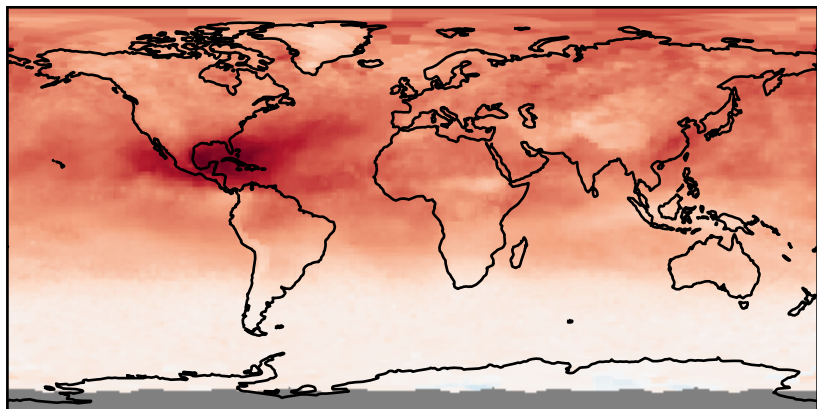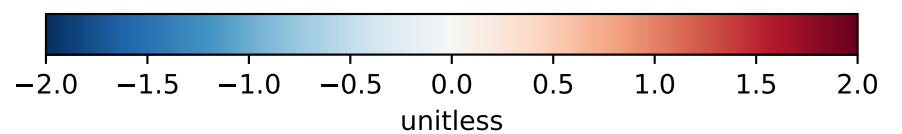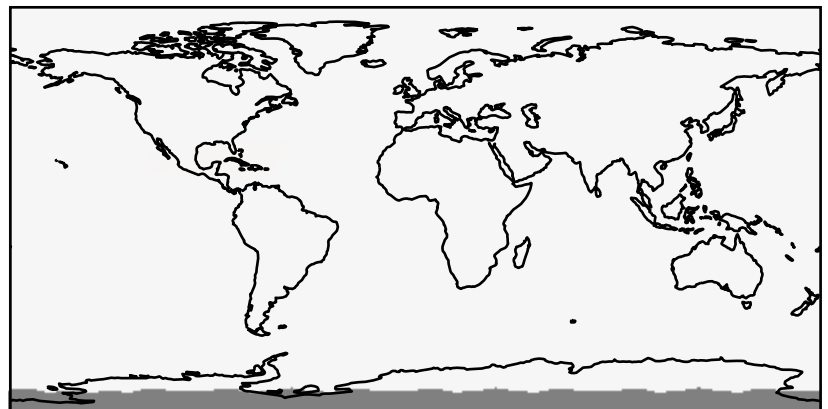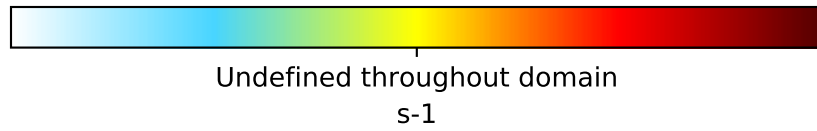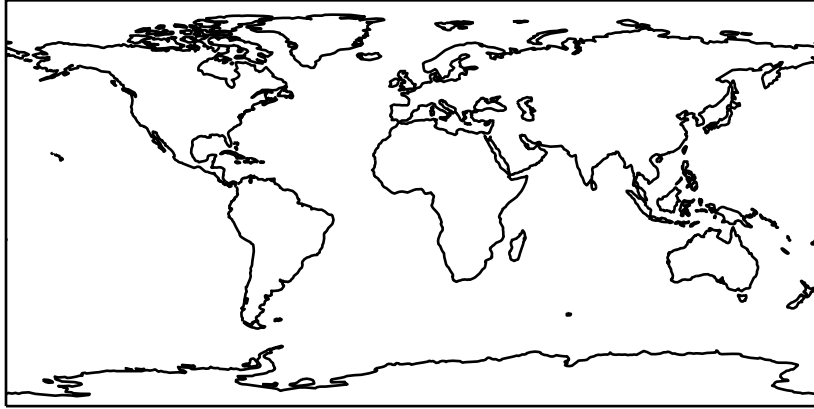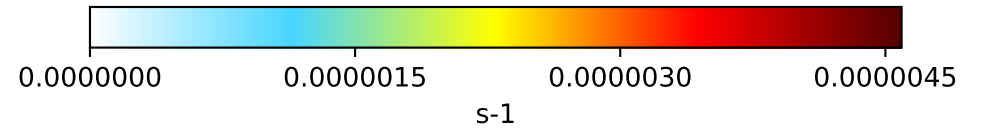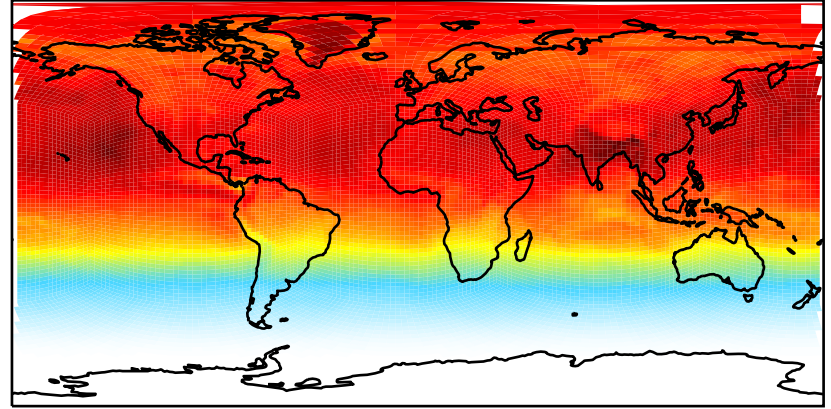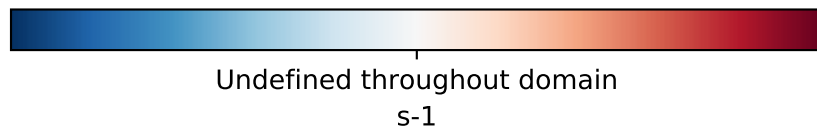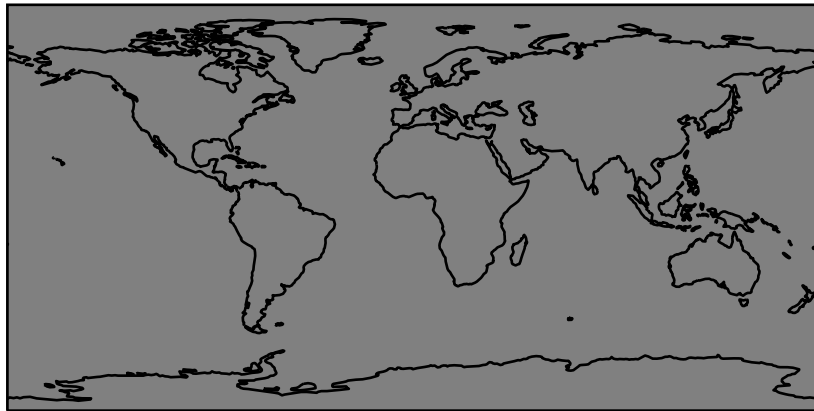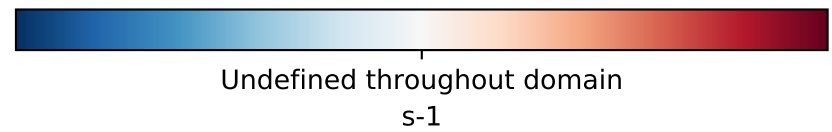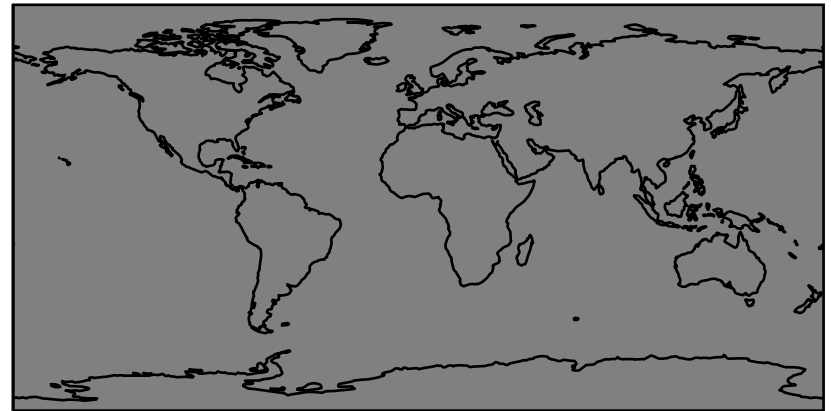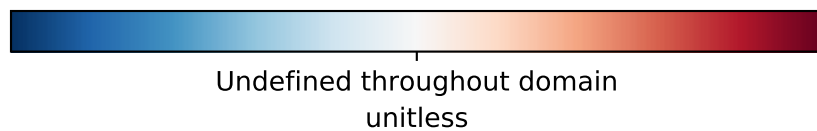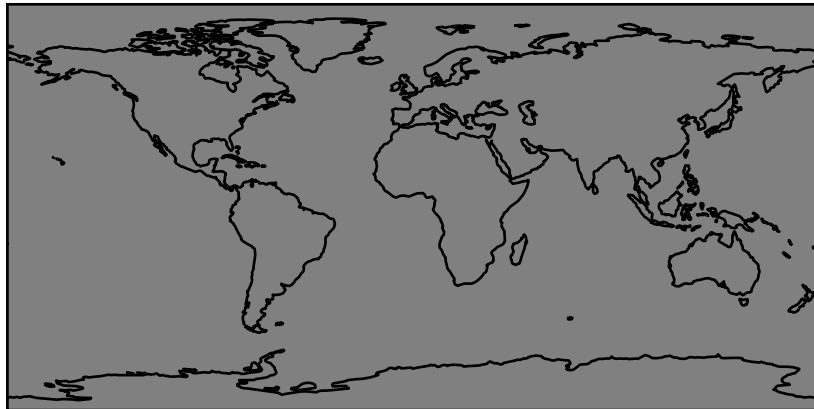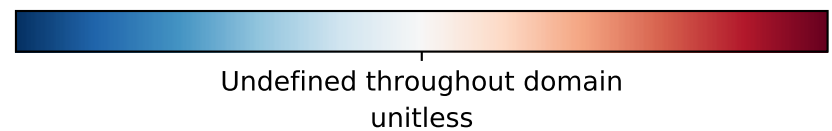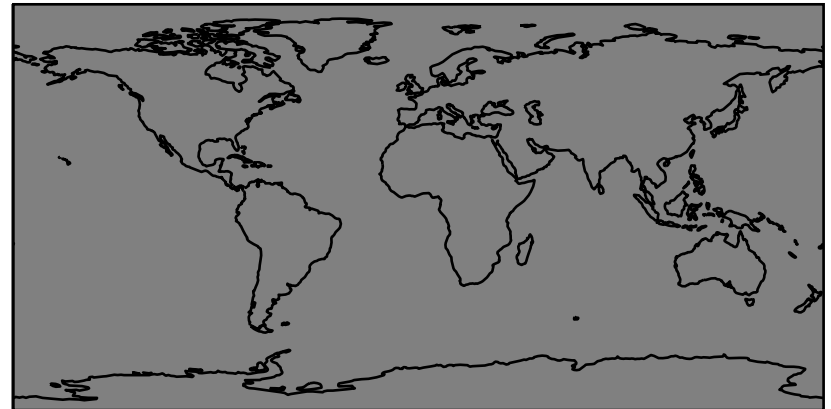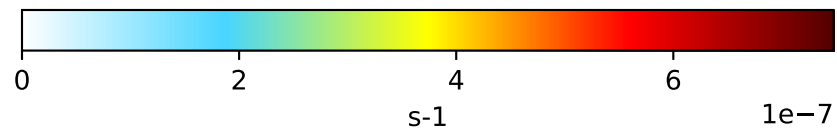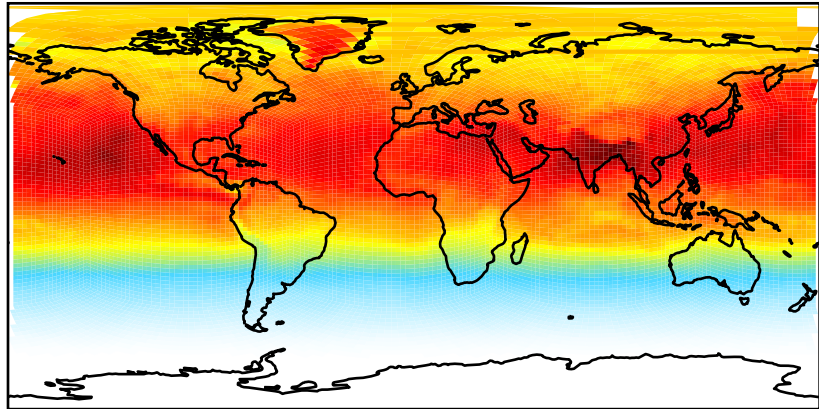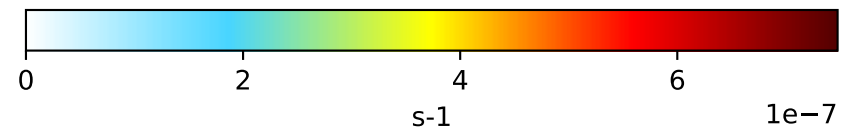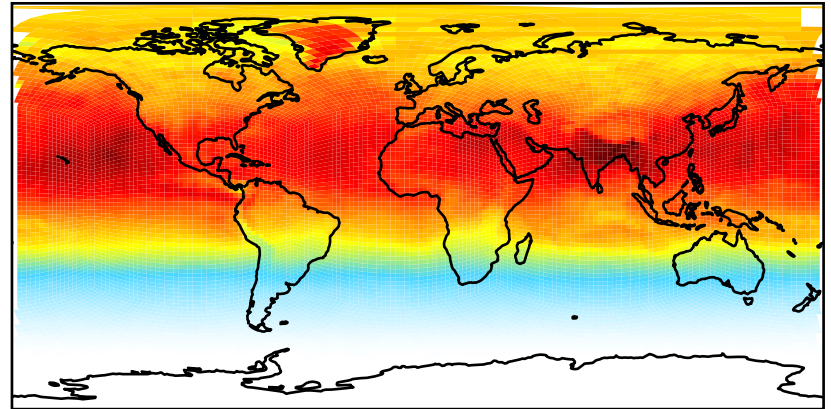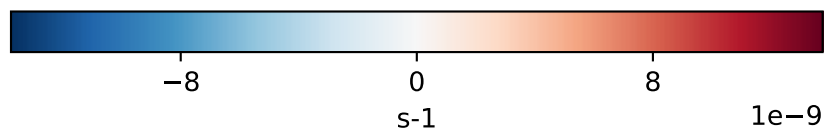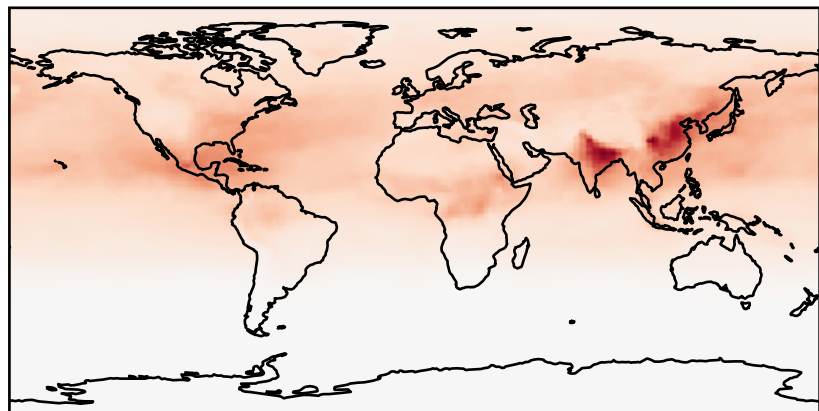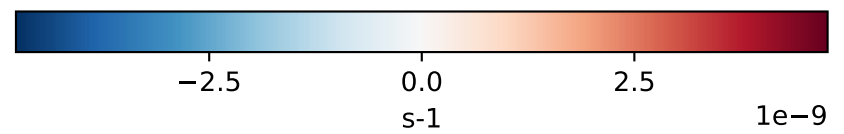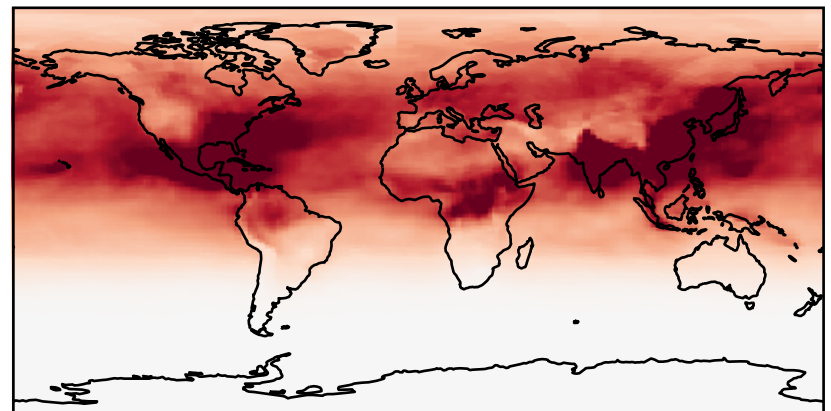(Dev-Ref)/Ref, Fixed Range

Jval_HAC

GCHP_12.5.0 (Ref)
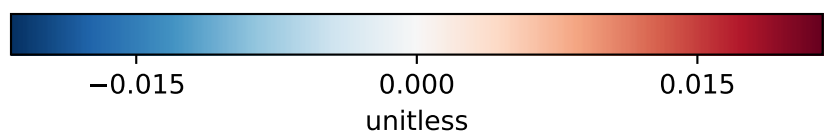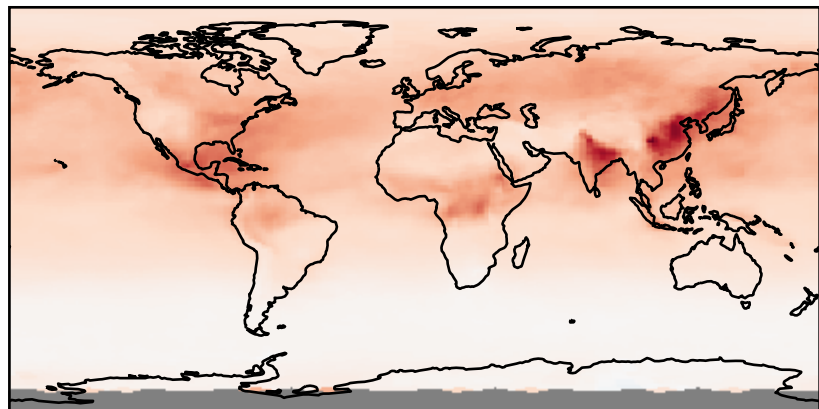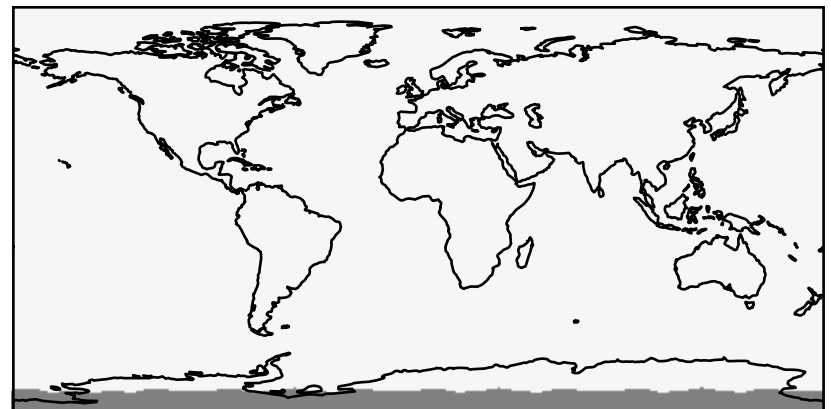c48

GCHP_12.6.0 (Dev)
c48

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

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

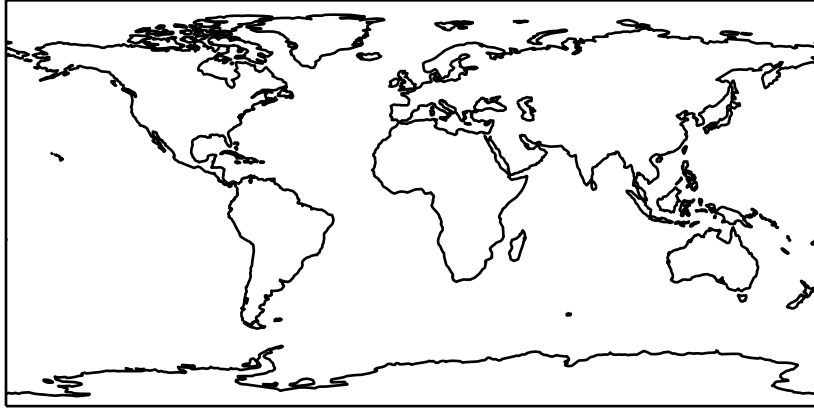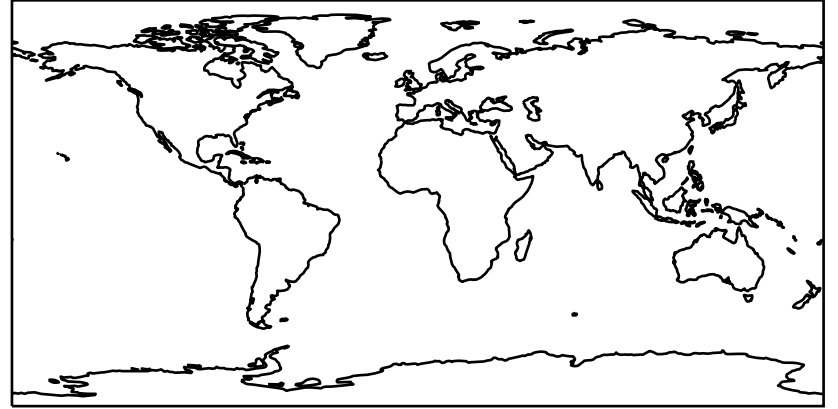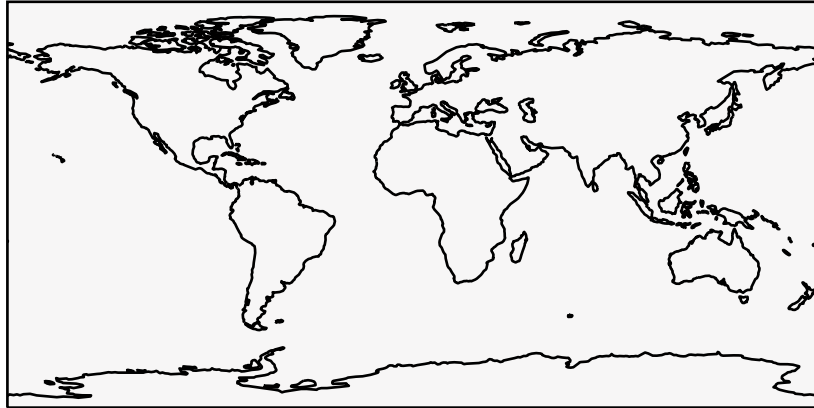Fractional Difference (1x1.25)
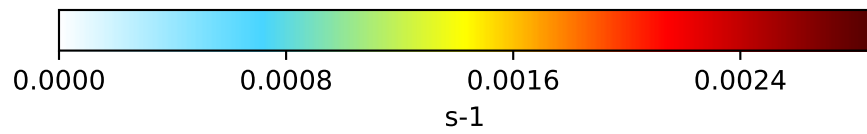(Dev-Ref)/Ref, Dynamic Range

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

Jval_HCFC123

Jval_HCFC141B

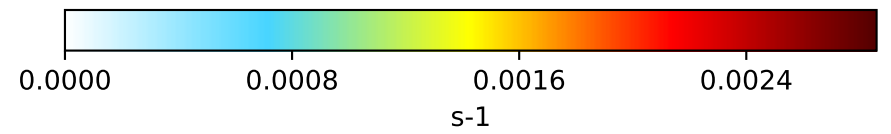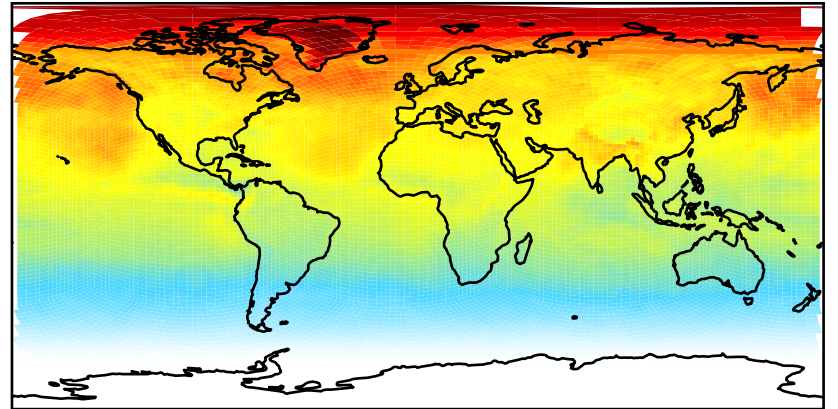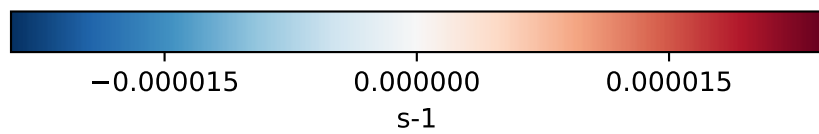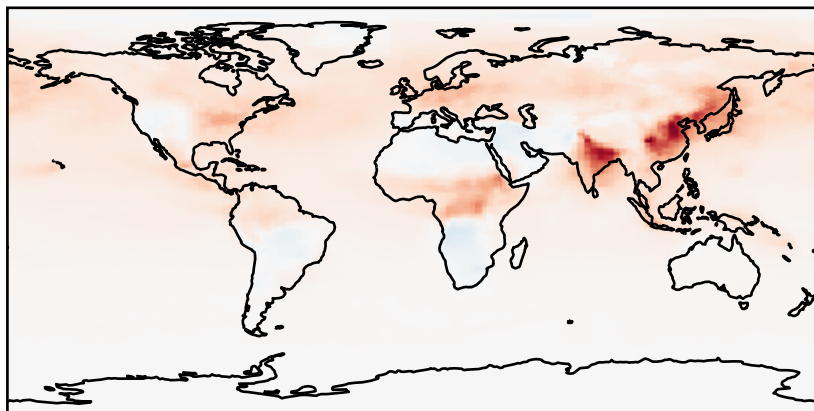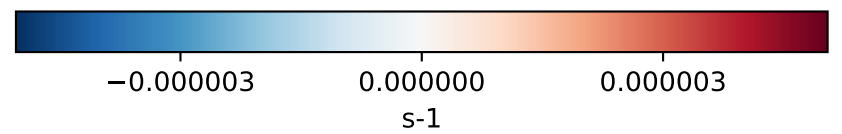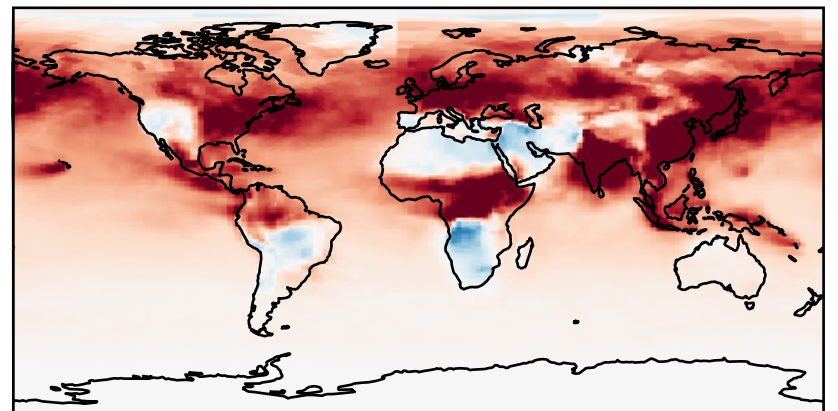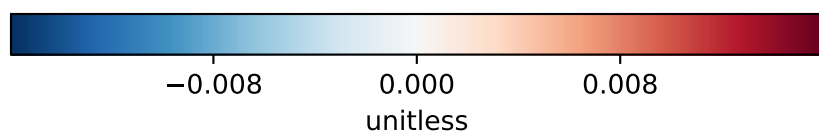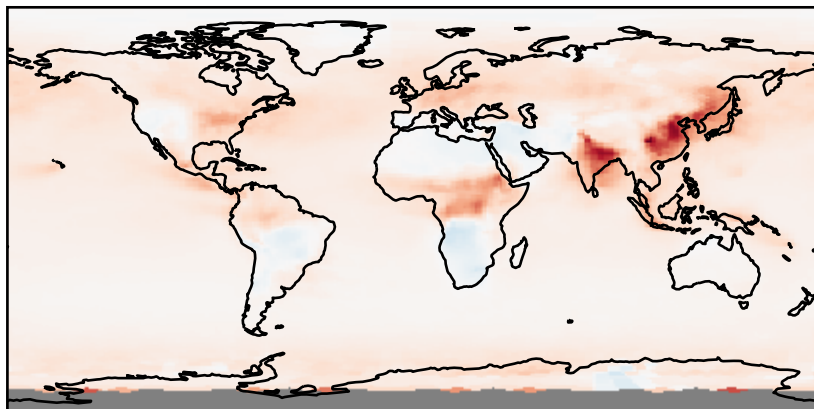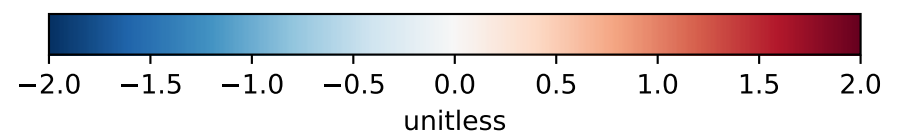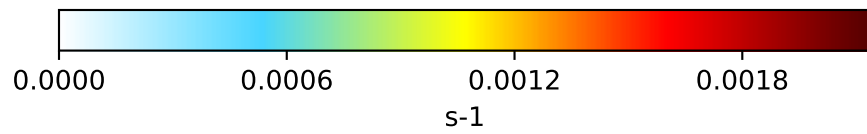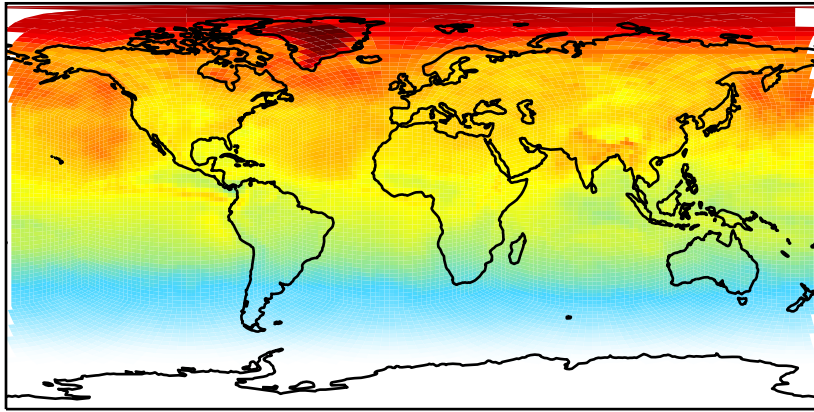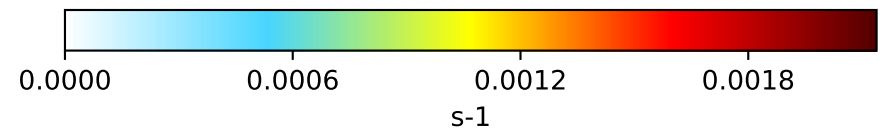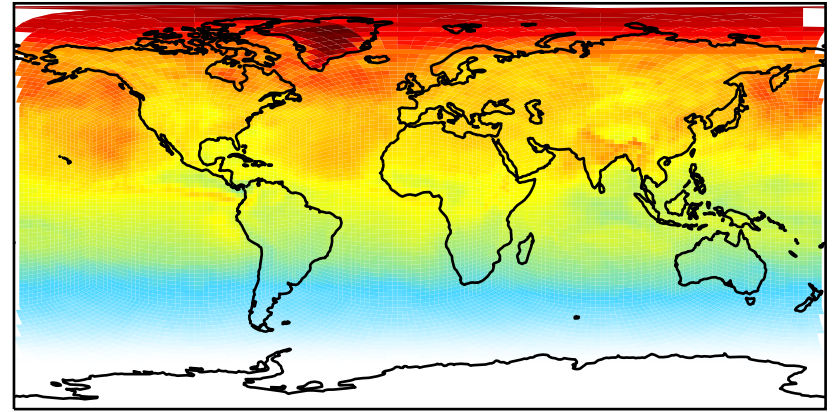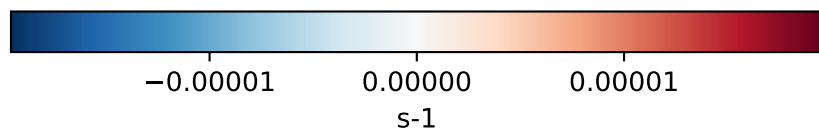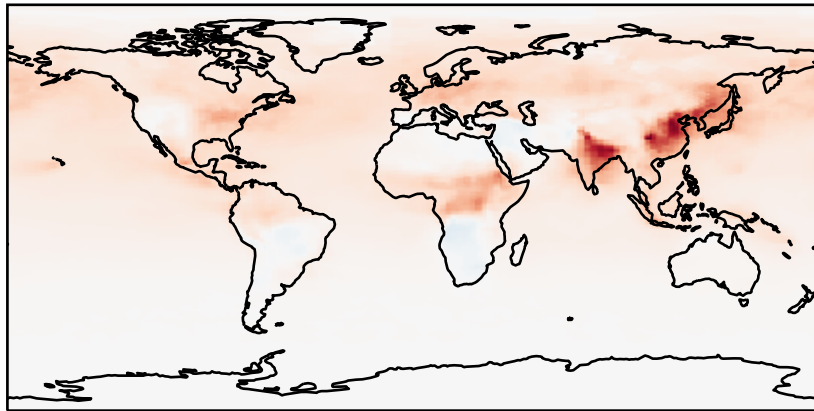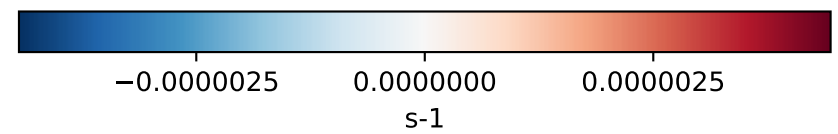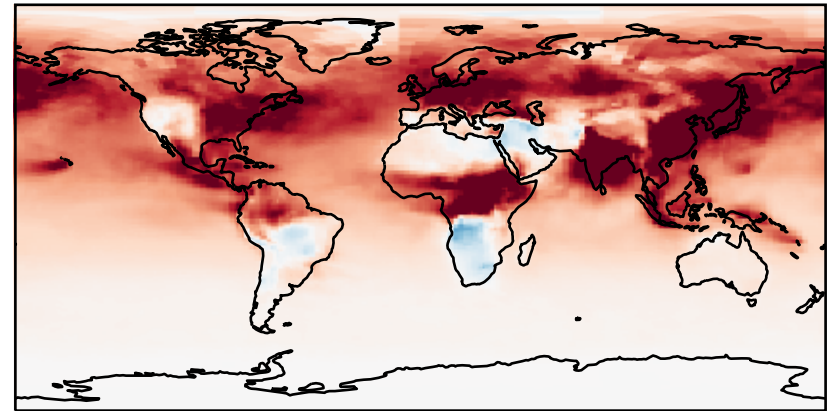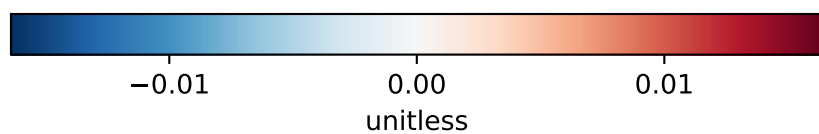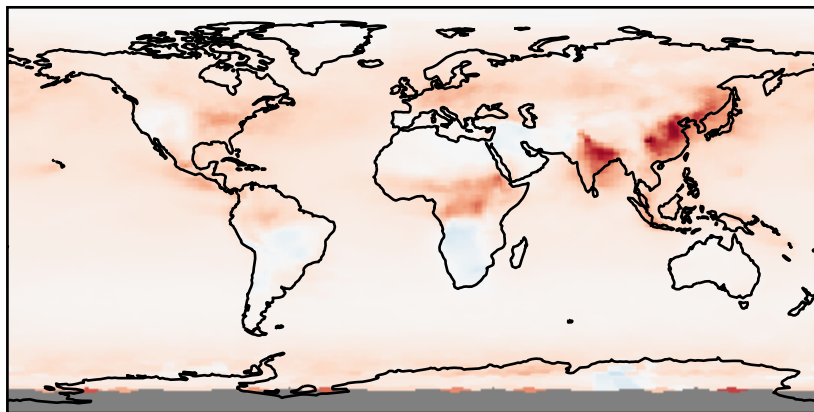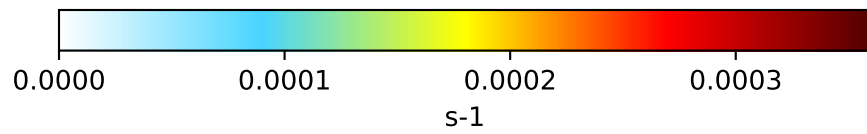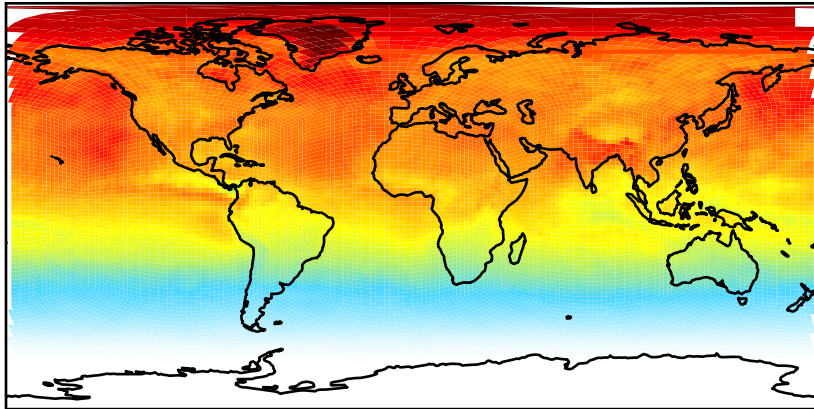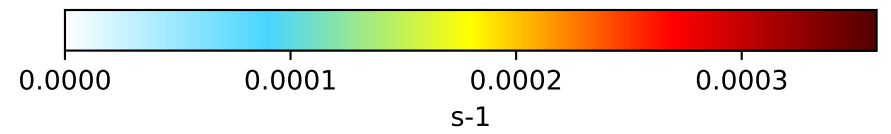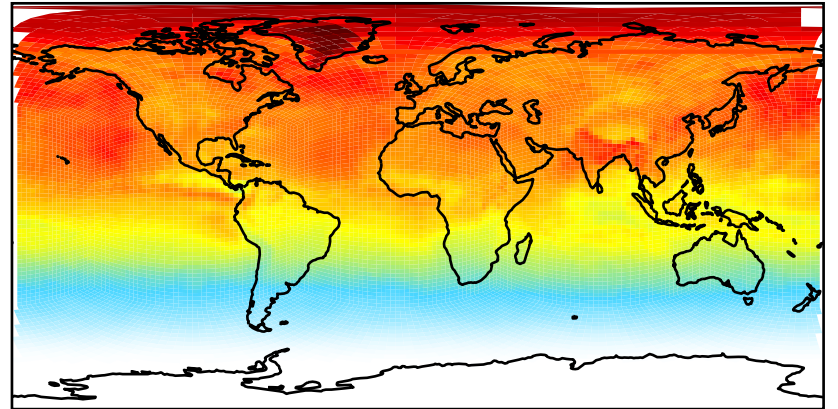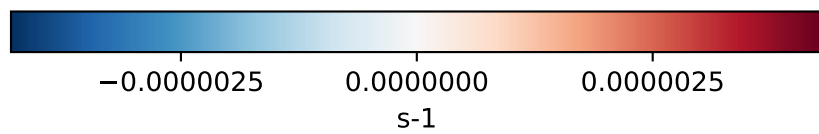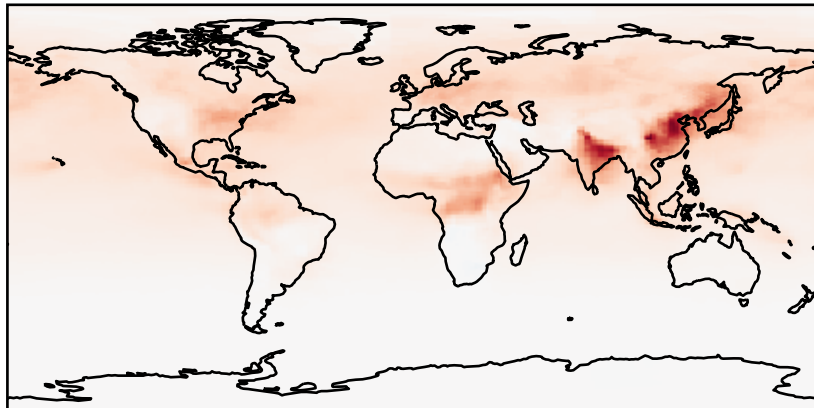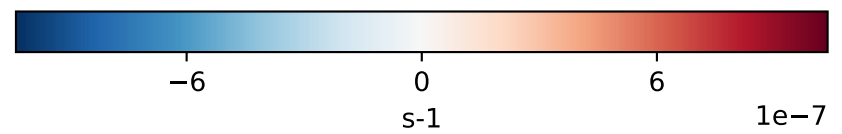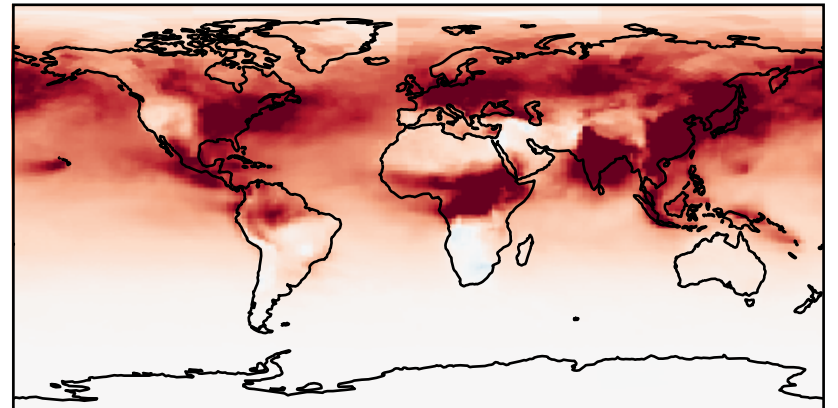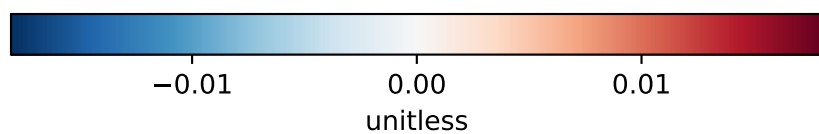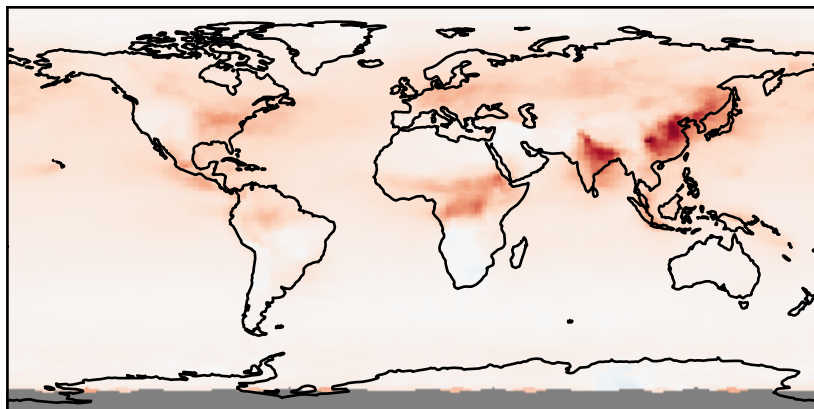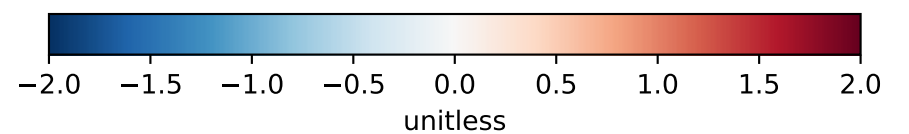GCHP_12.5.0 (Ref)
c48

GCHP_12.6.0 (Dev)
c48

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

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

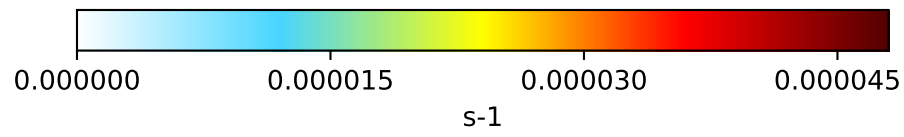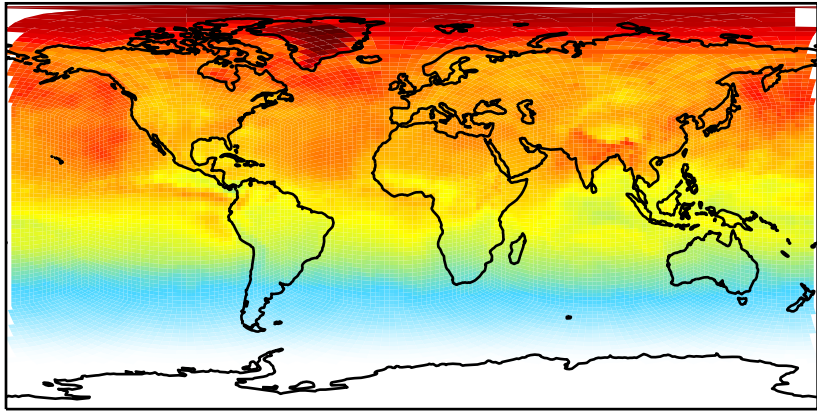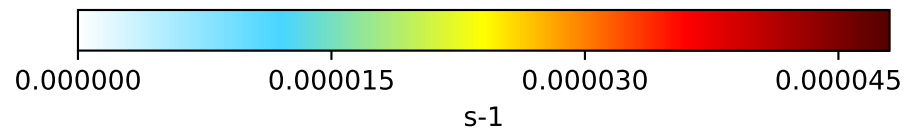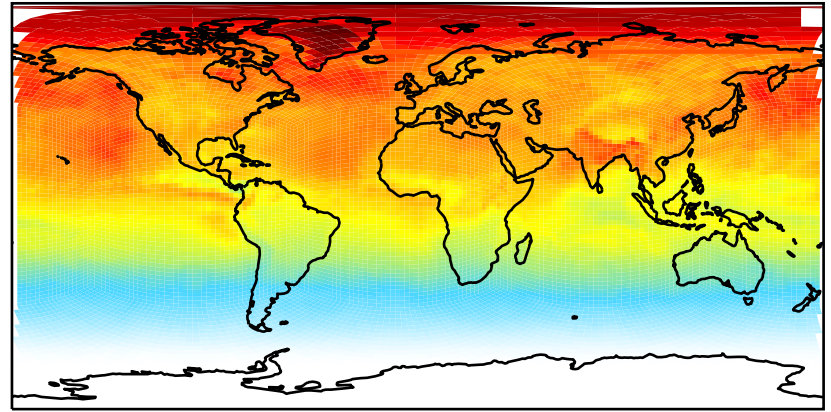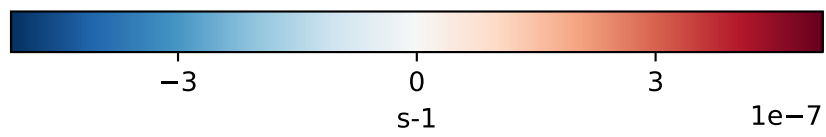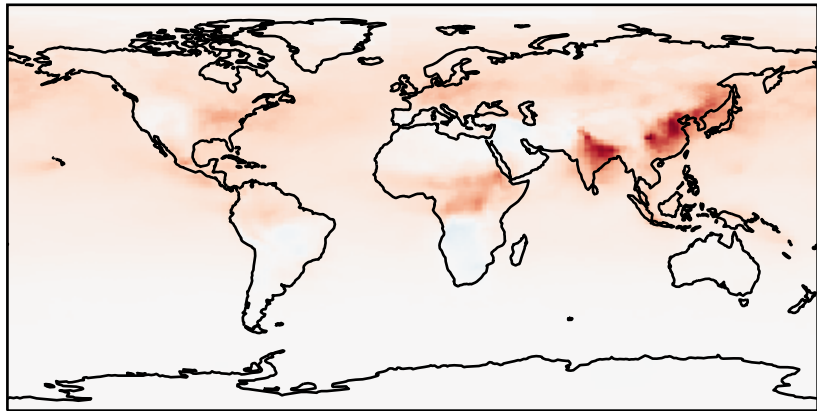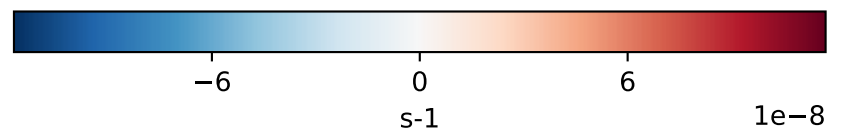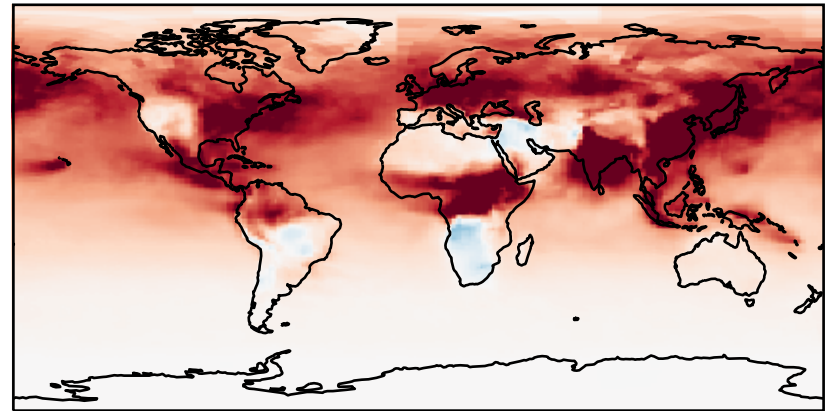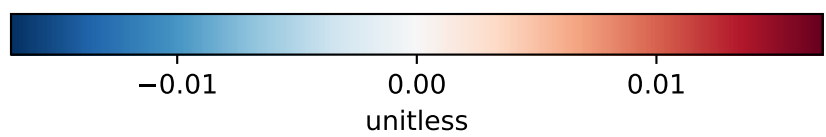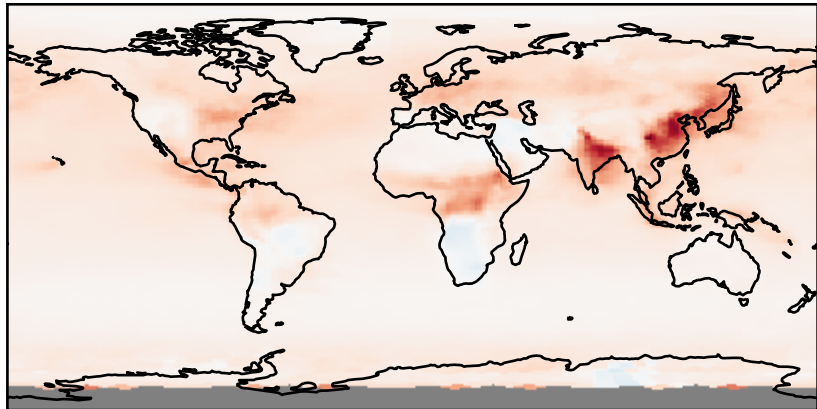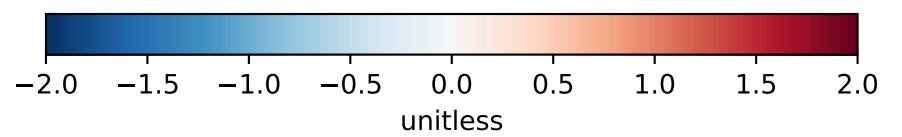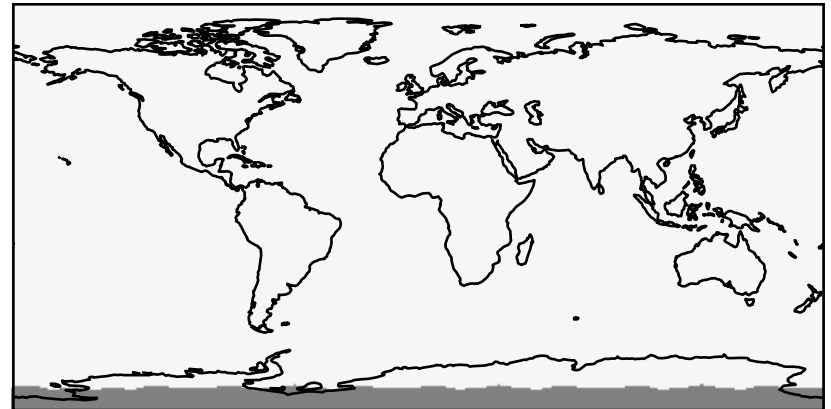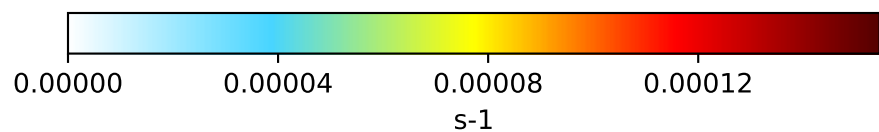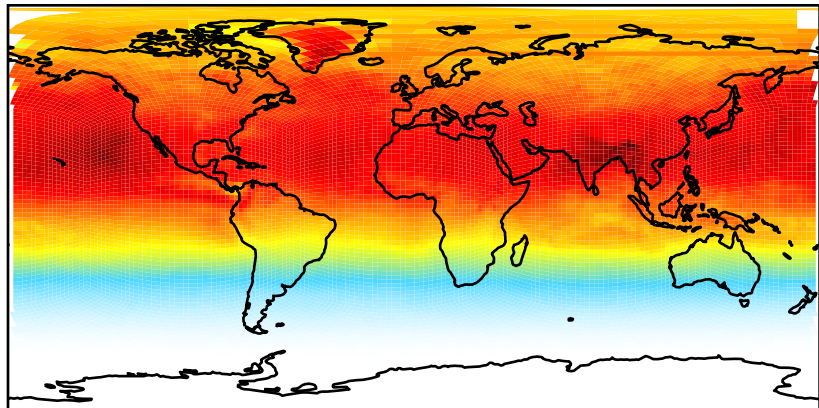Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

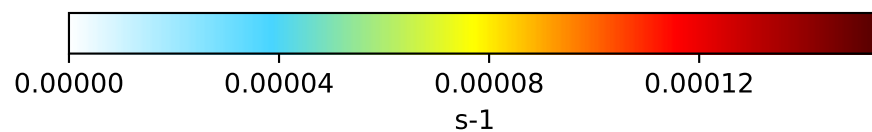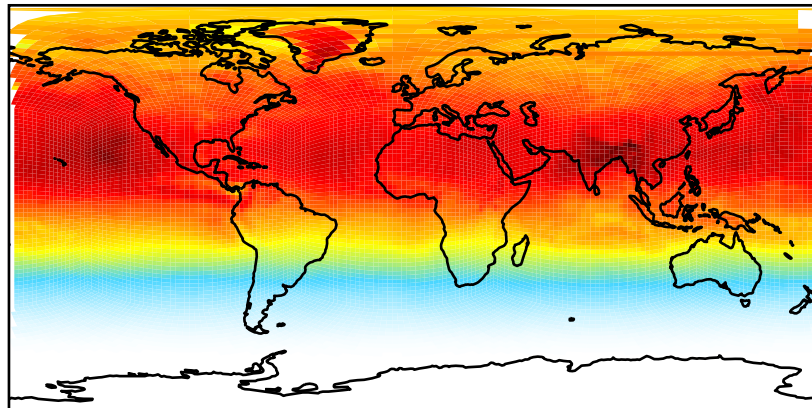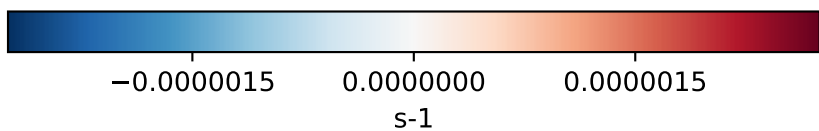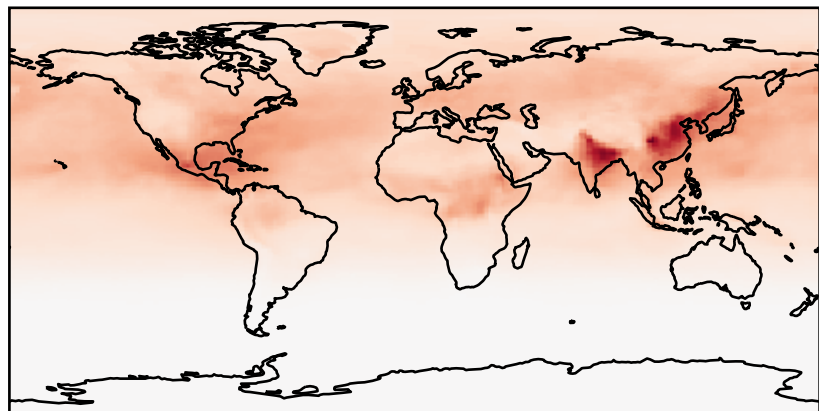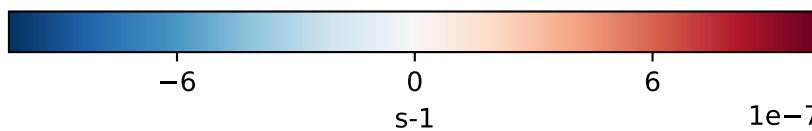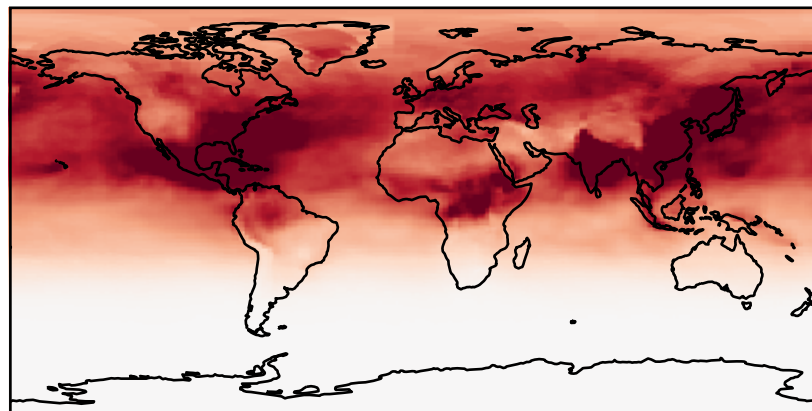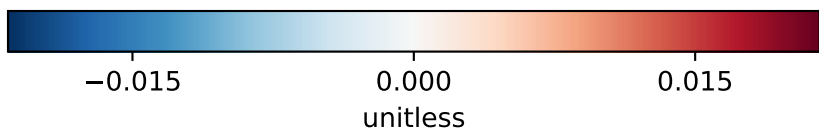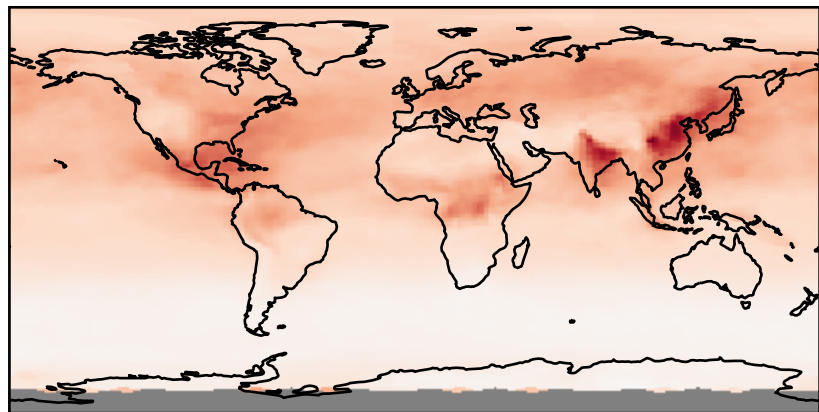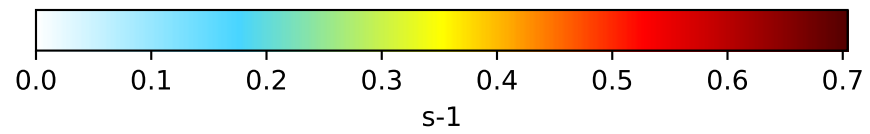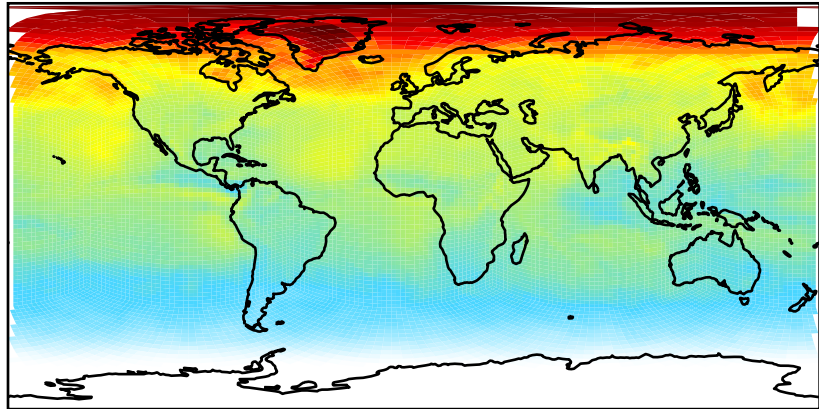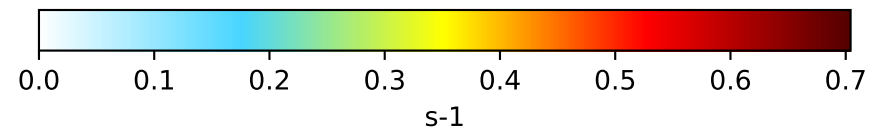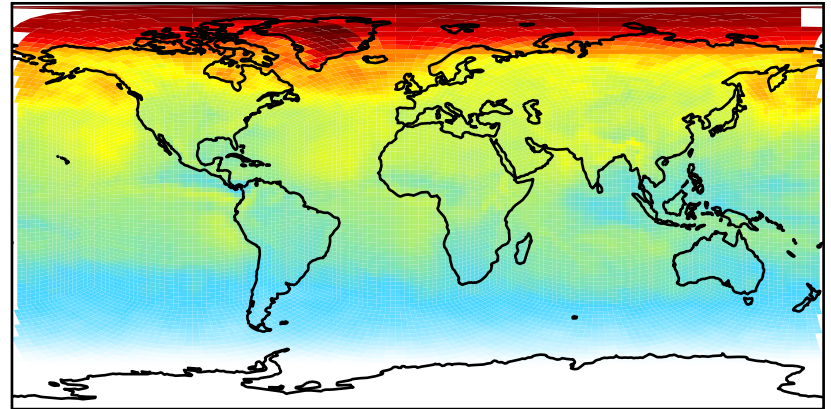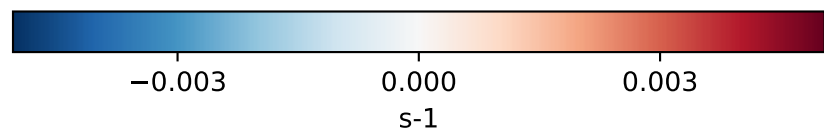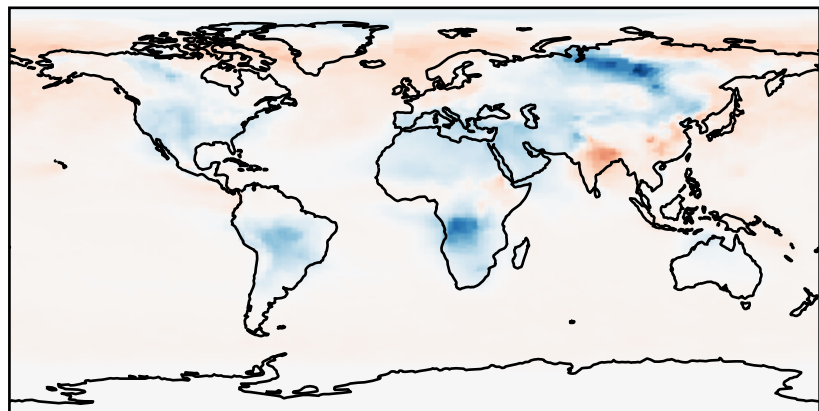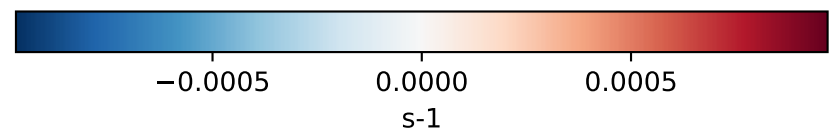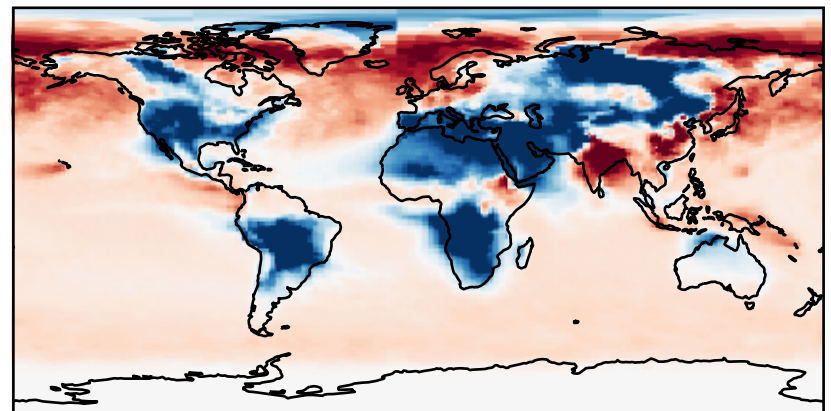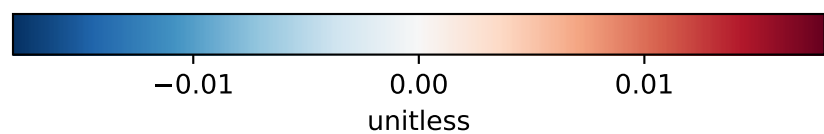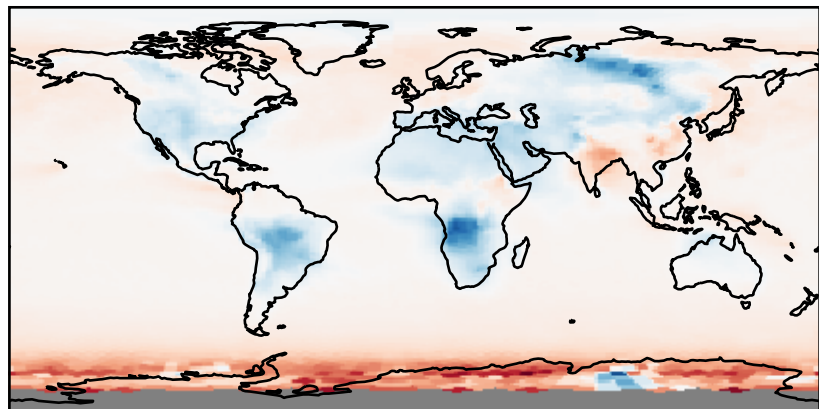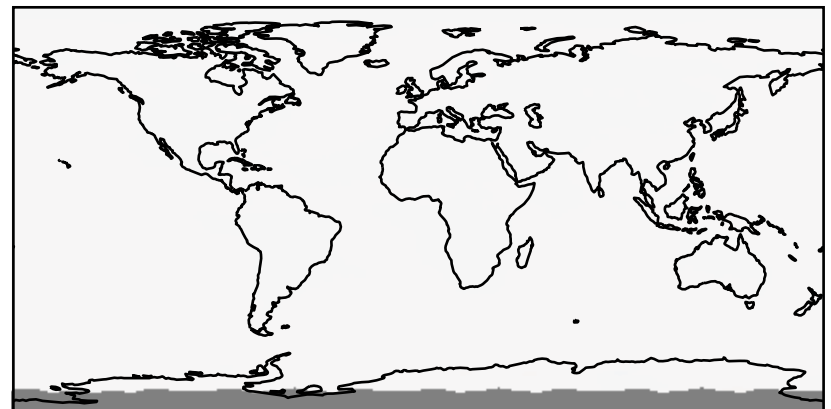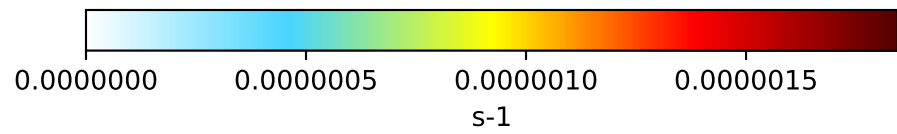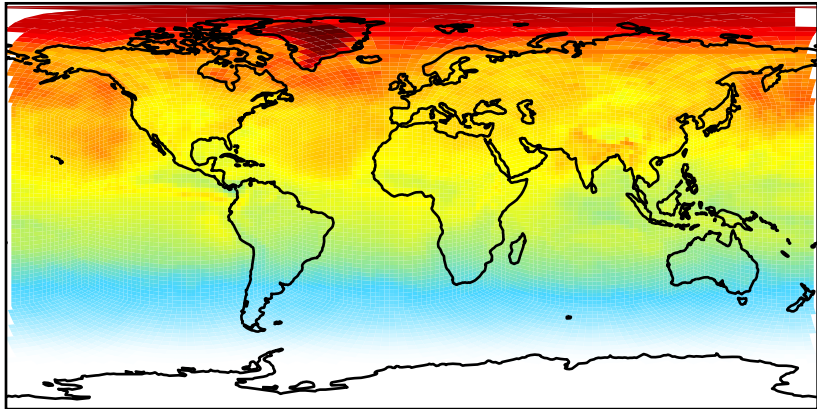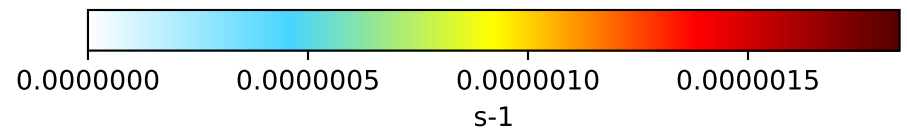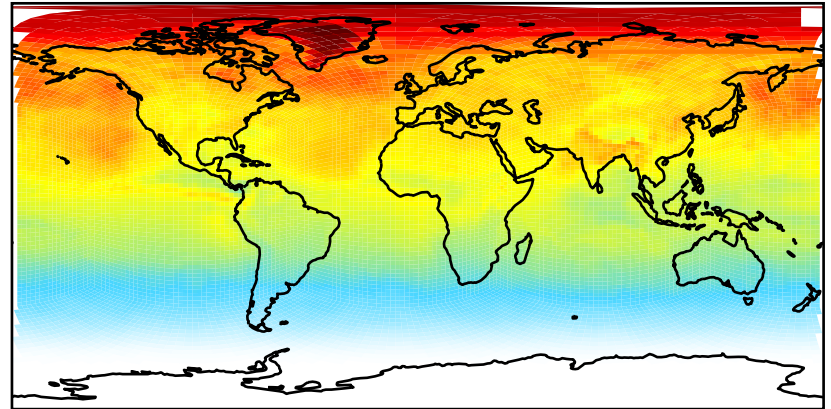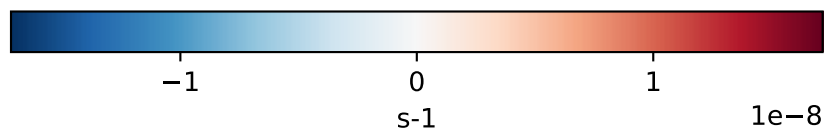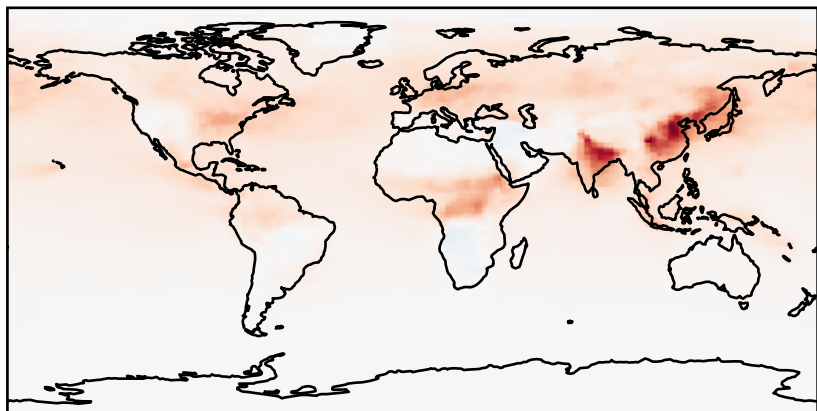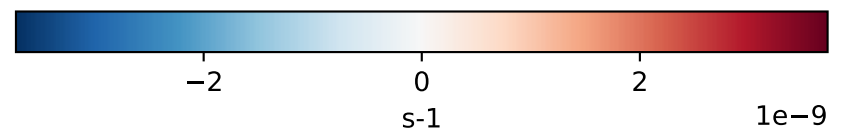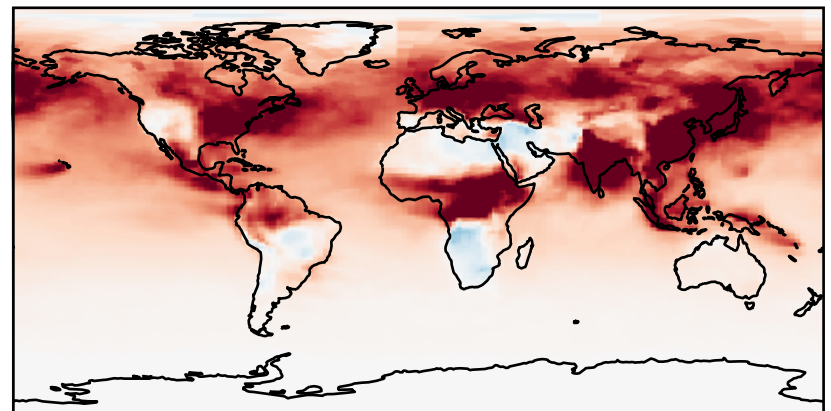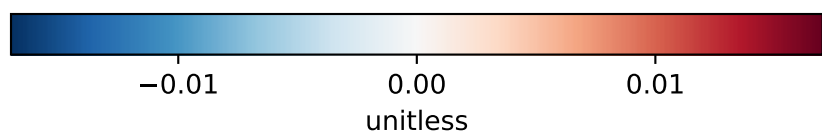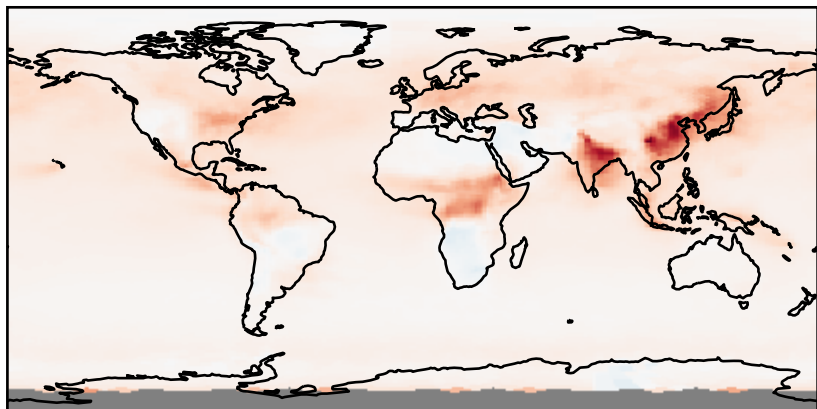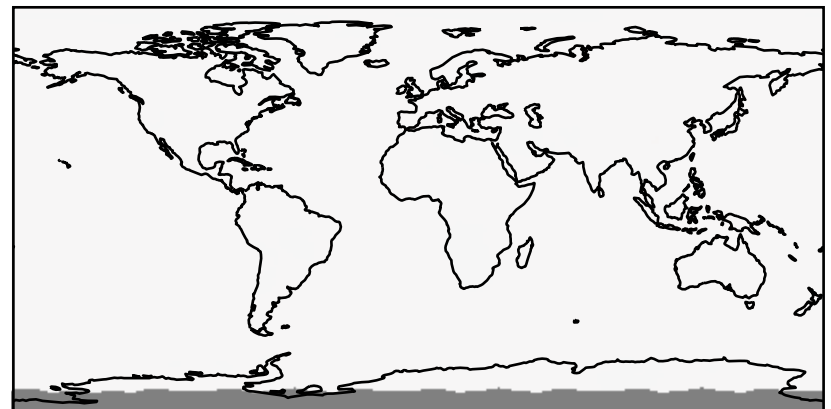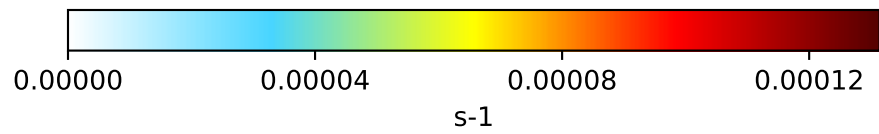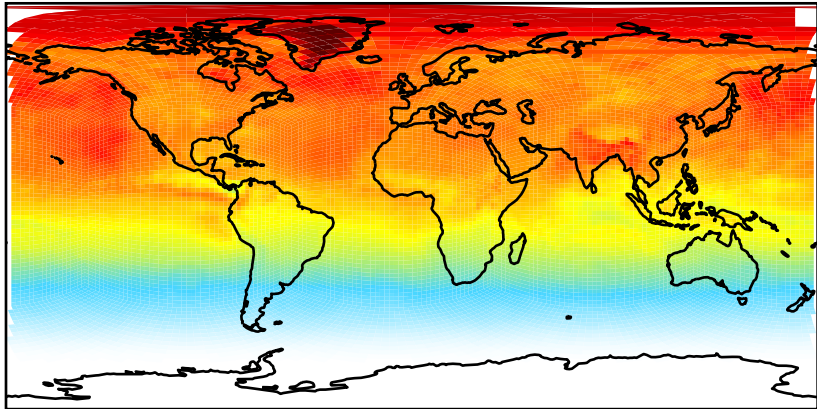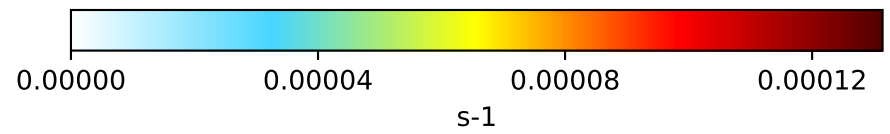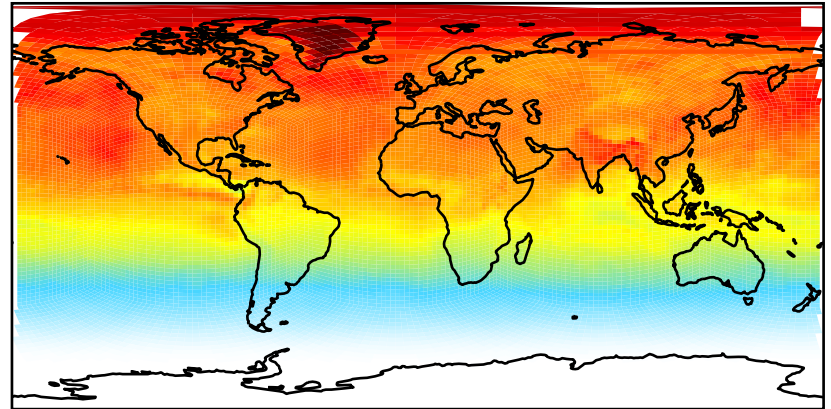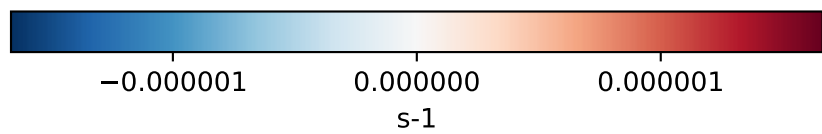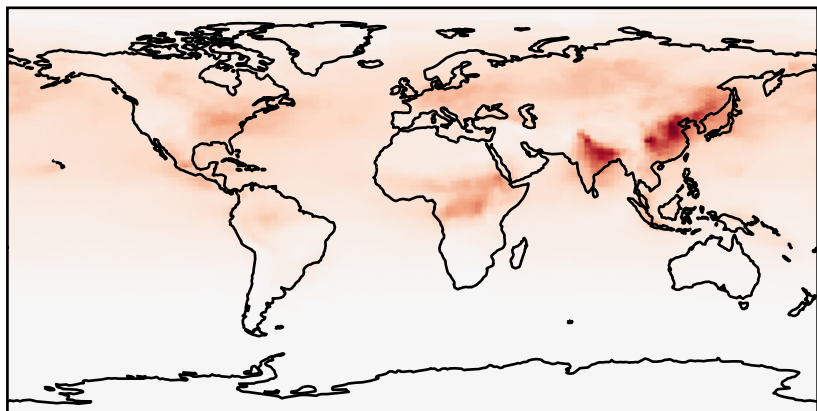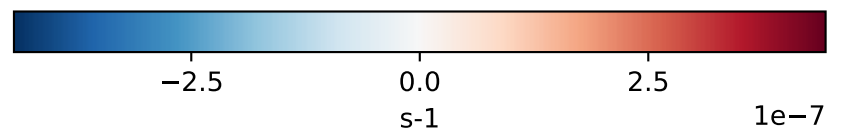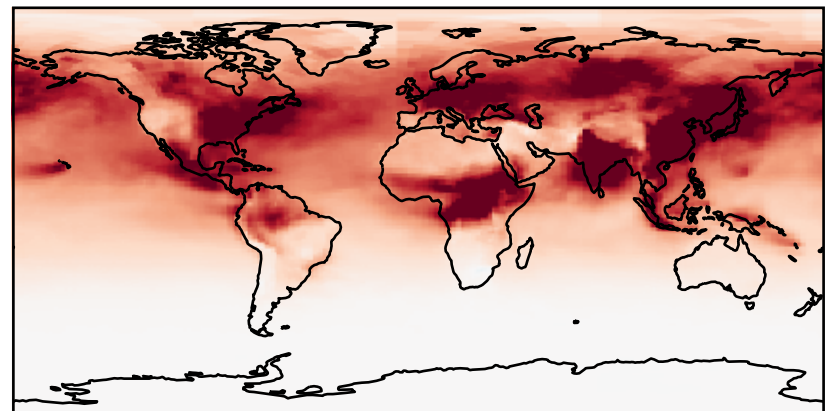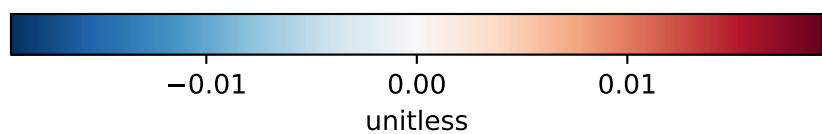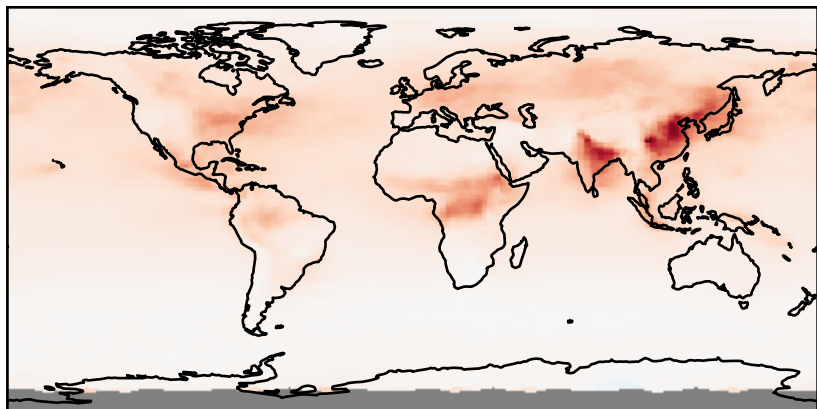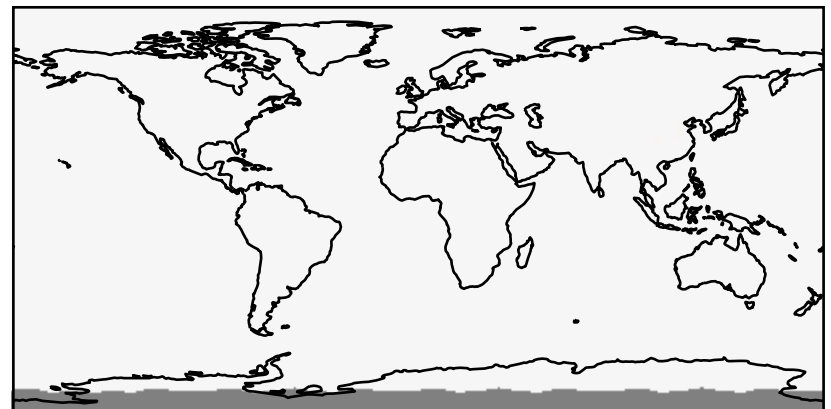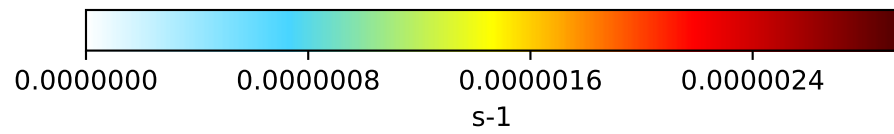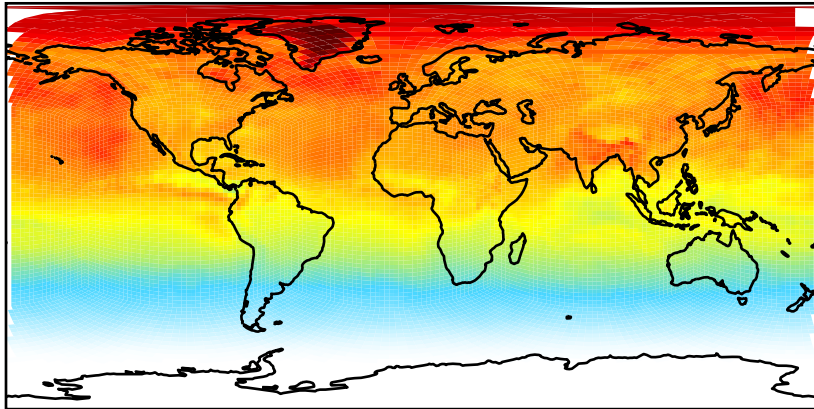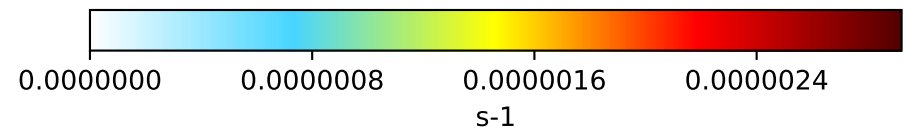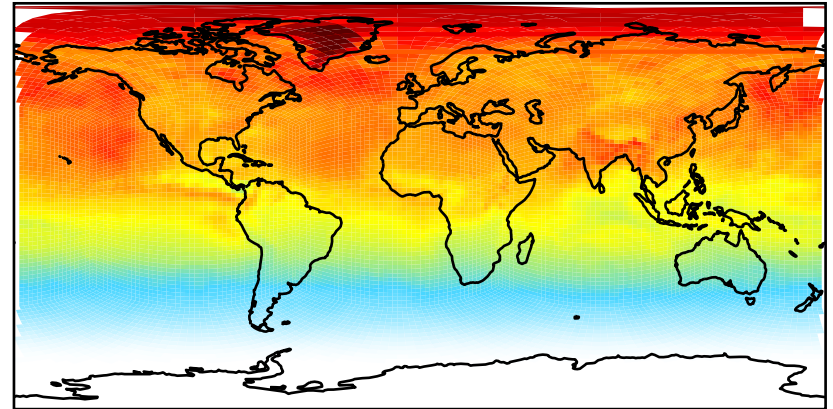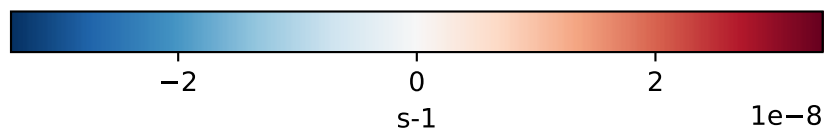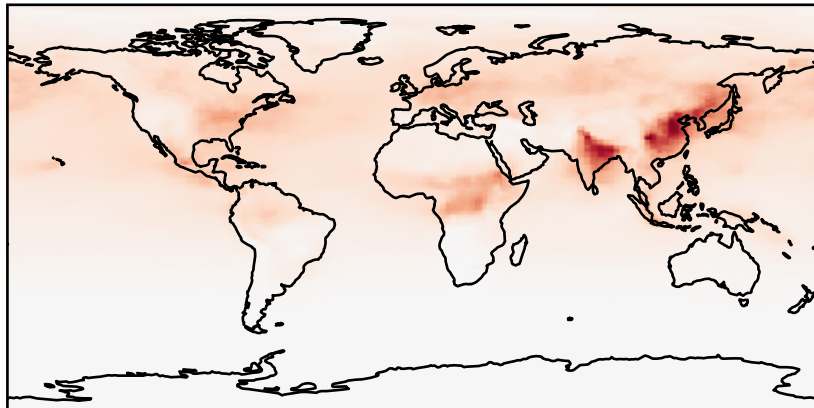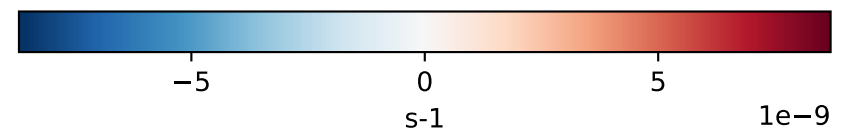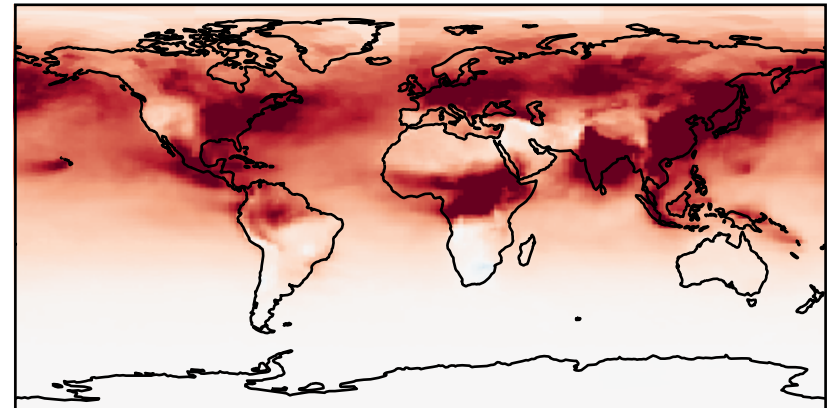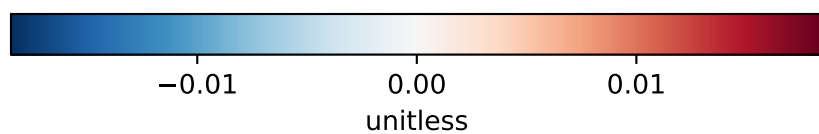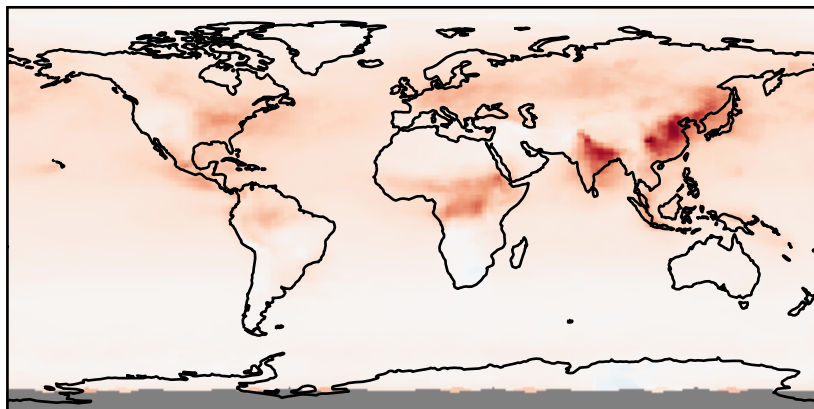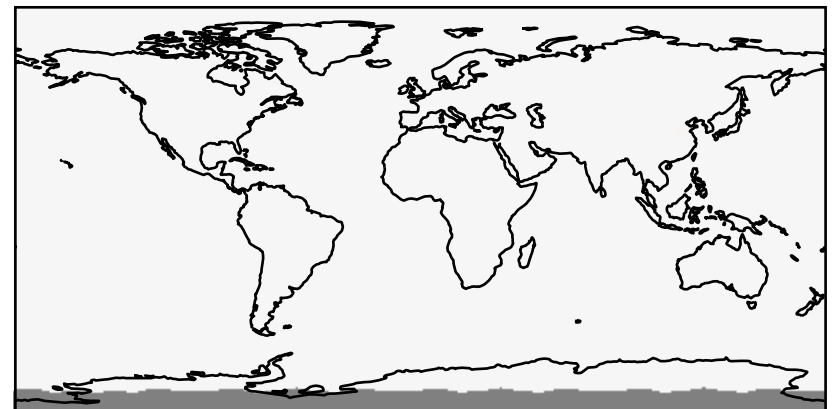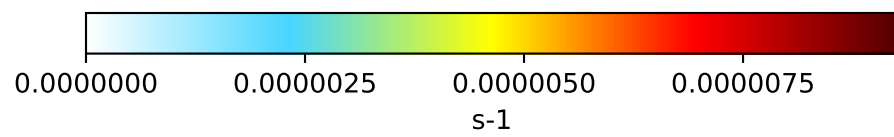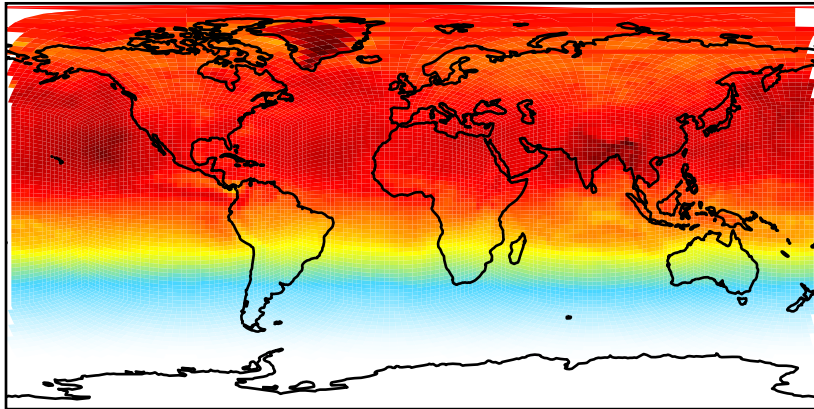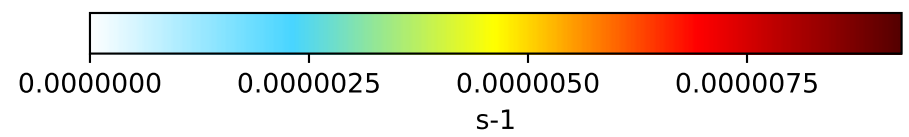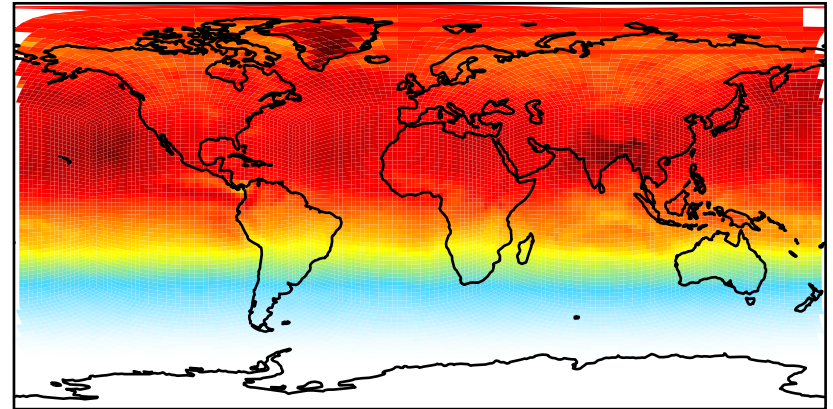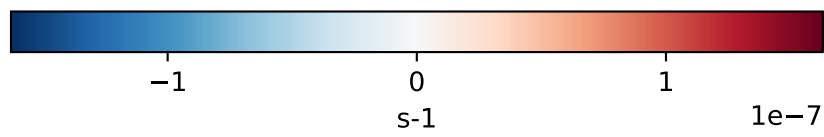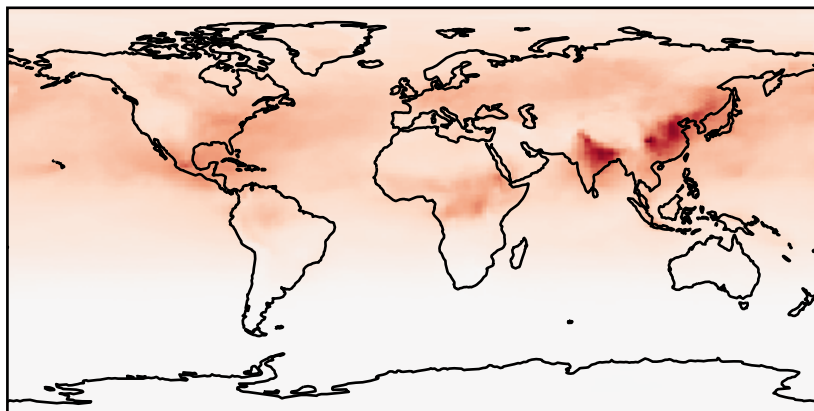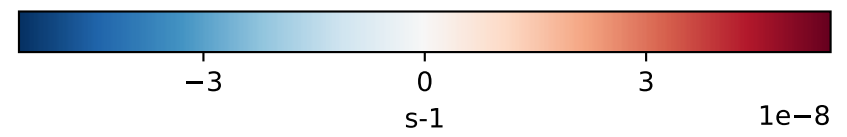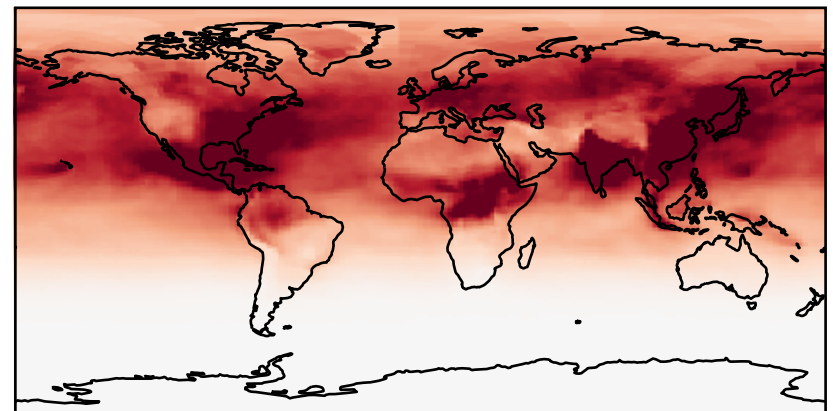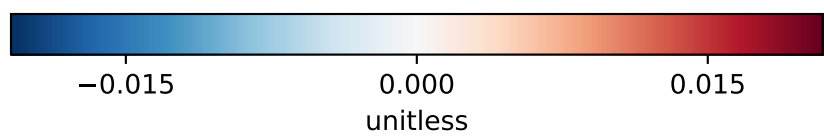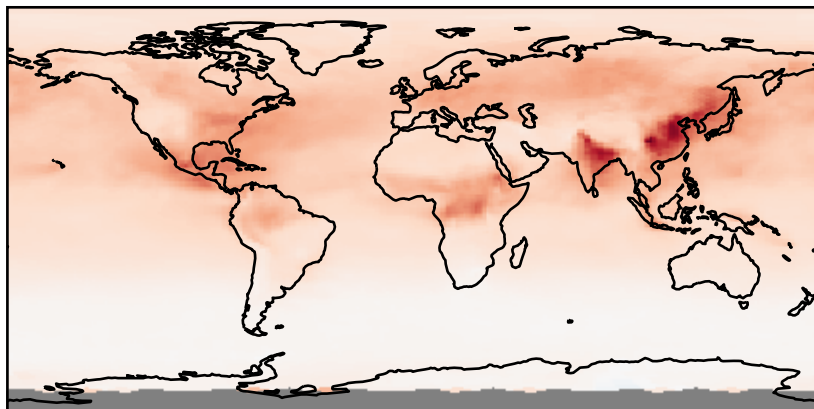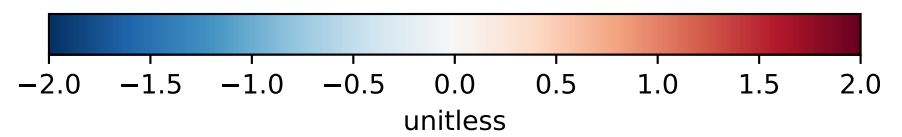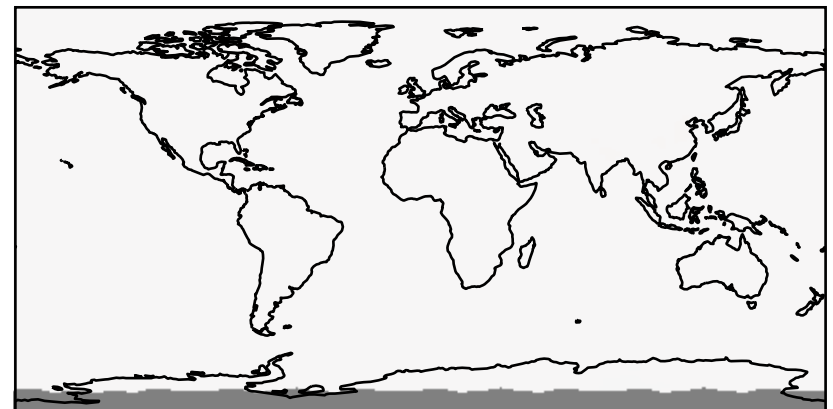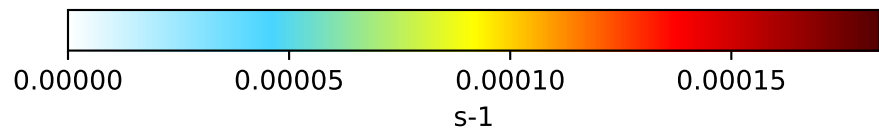Fractional 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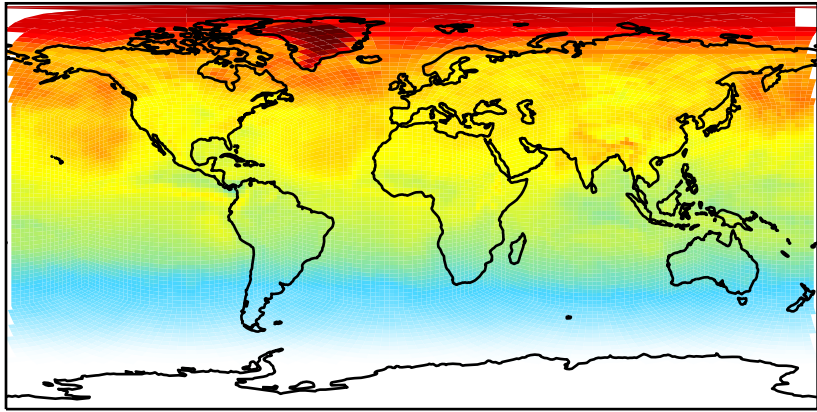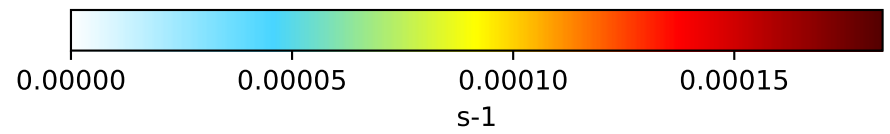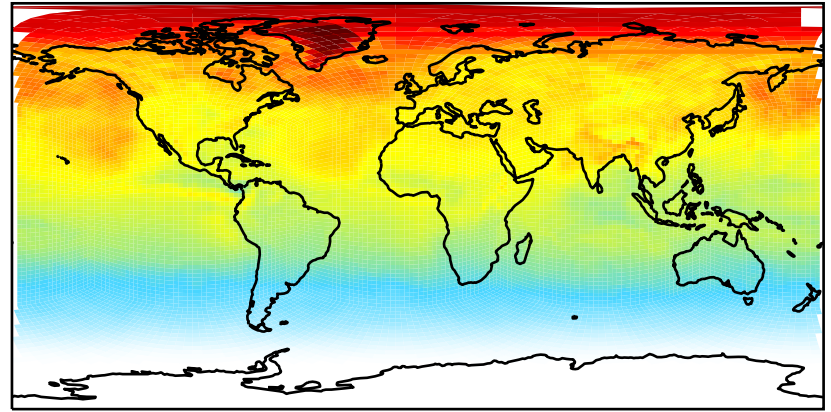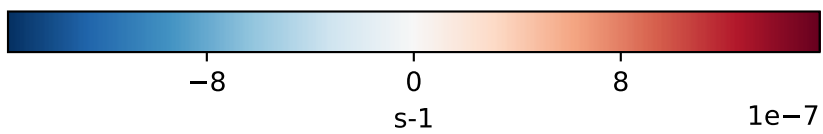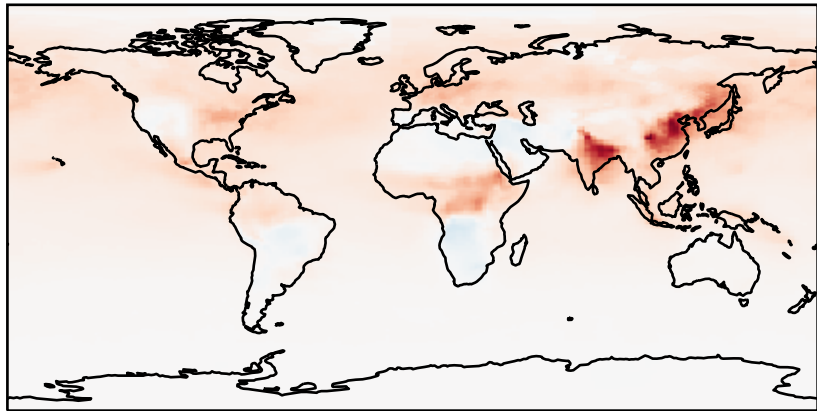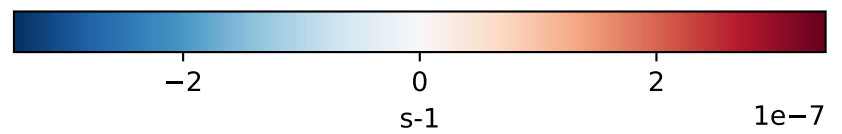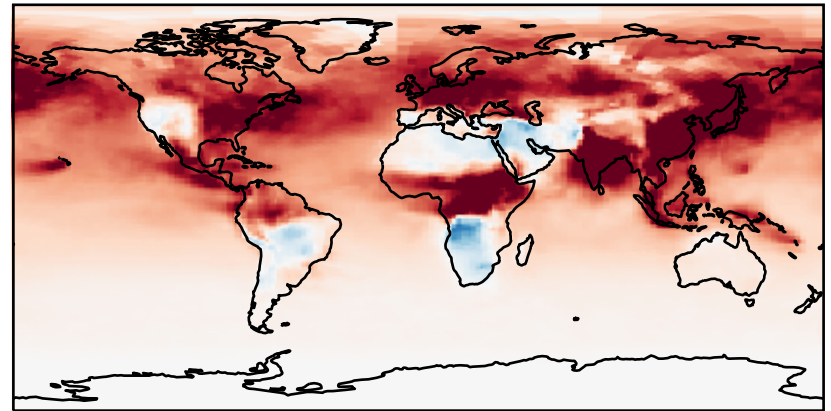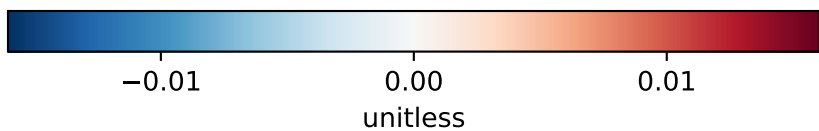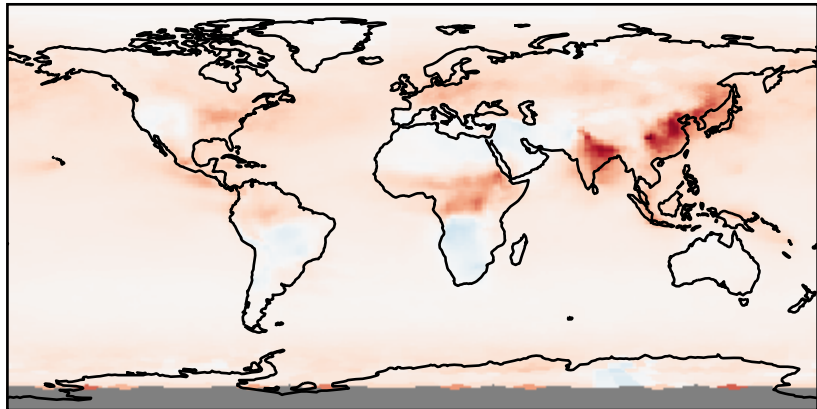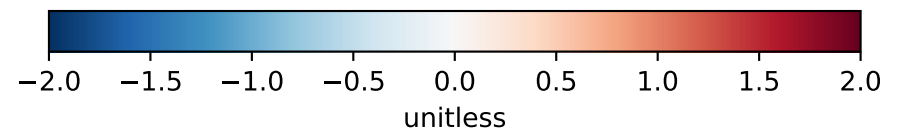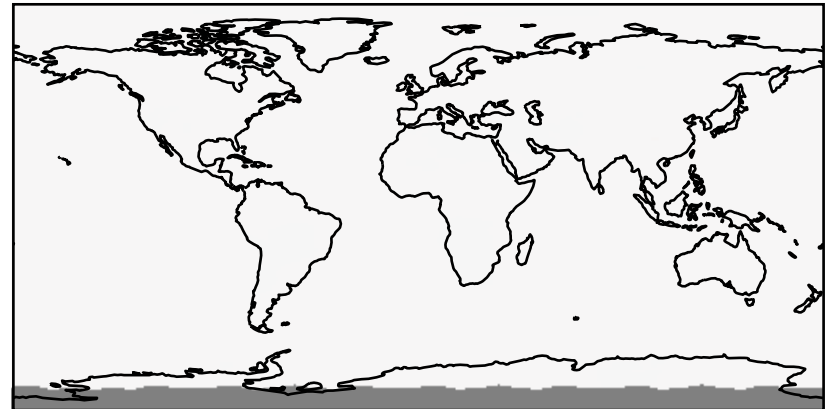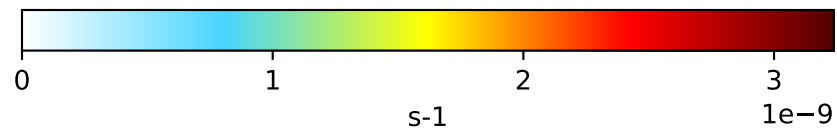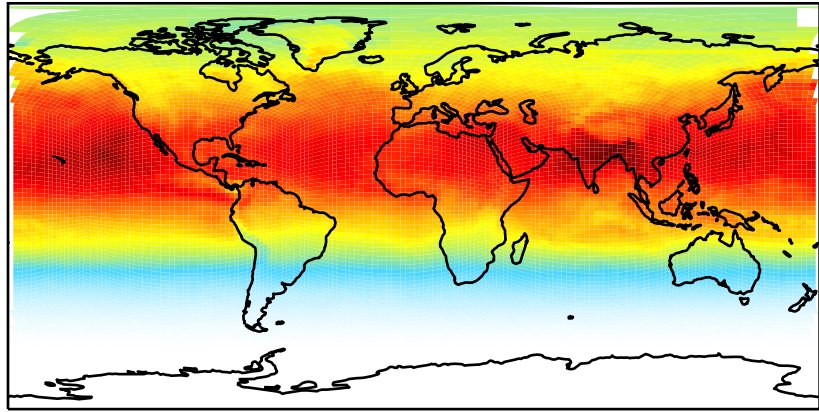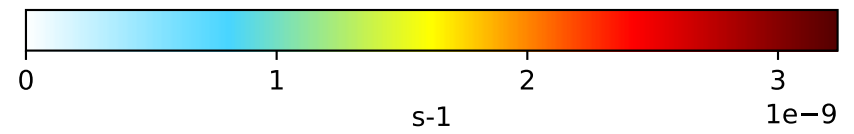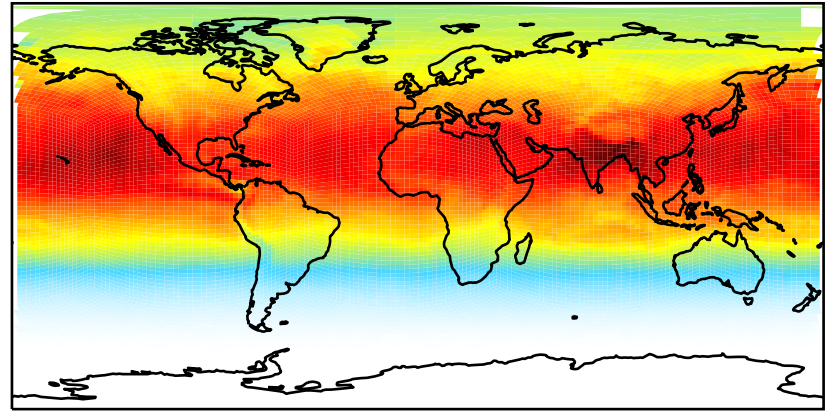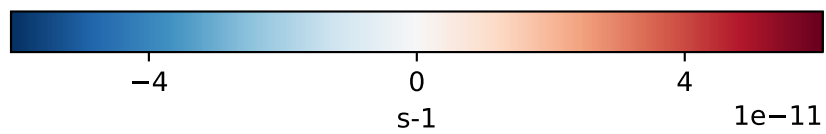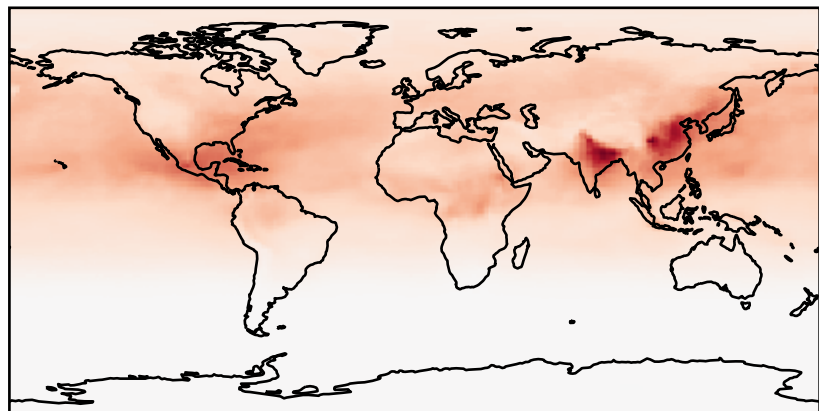(Dev-Ref)/Ref, Fixed Range

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Jval_HCFC22

Jval_HNO2

Jval_HNO3

Jval_HNO4

Jval_HOBr

Jval_HOCl

Jval_HOI

Jval_HONIT

Jval_HPALD

Jval_I2

Jval_I2O2

Jval_I2O3

Jval_I2O4

Jval_IAP

Jval_IBr

Jval_ICl

GCHP_12.5.0 (Ref)
c48

GCHP_12.6.0 (Dev)
c48

Undefined throughout domain
s-1

0.00   0.01   0.02   0.03
s-1
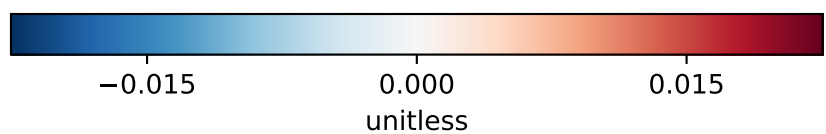
Difference (1x1.25)
Dev - Ref, Dynamic Range

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

Undefined throughout domain
s-1

Undefined throughout domain
s-1

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

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

Undefined throughout domain
unitless

Undefined throughout domain
unitless

Jval_INO

GCHP_12.5.0 (Ref)
c48

GCHP_12.6.0 (Dev)
c48

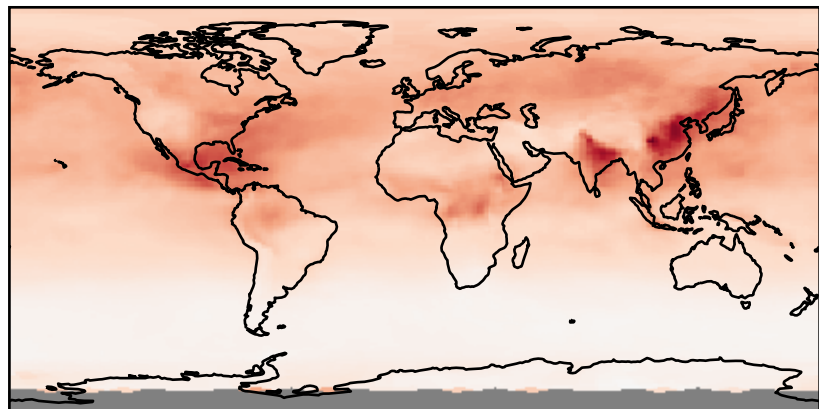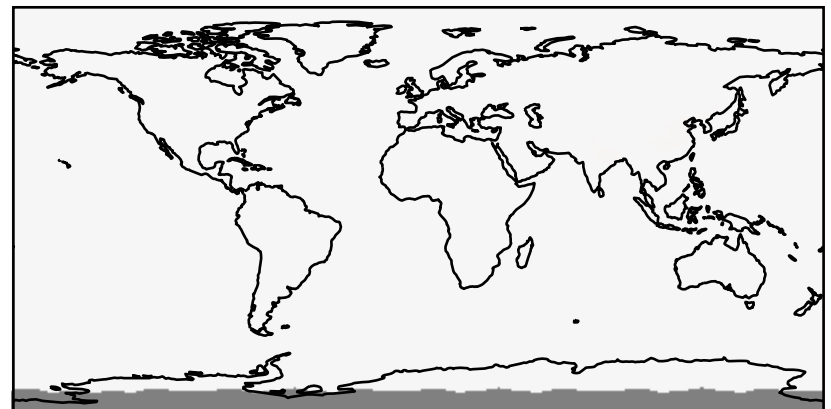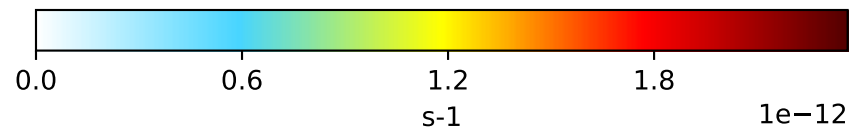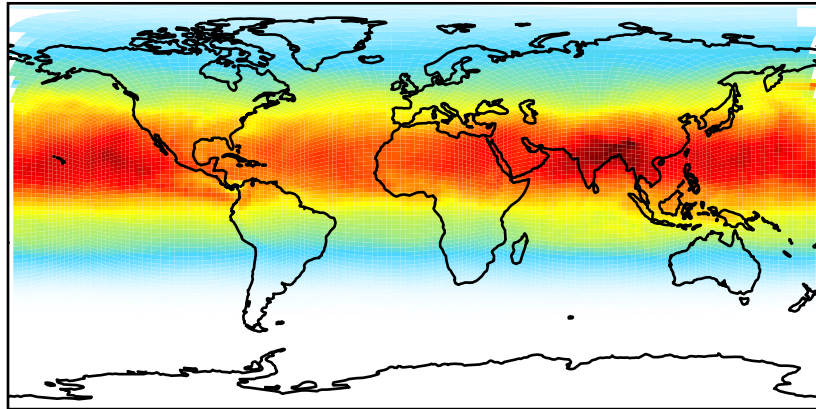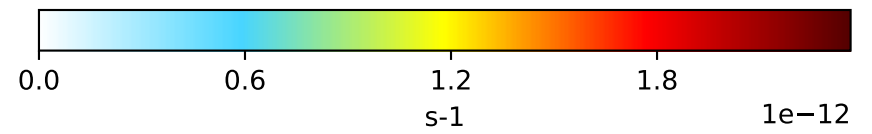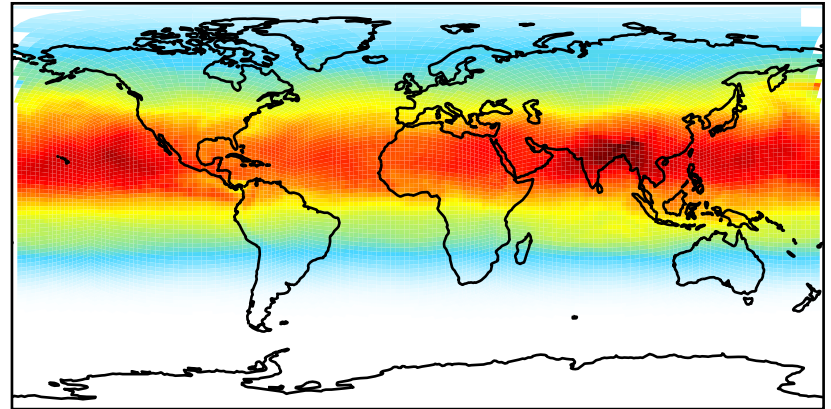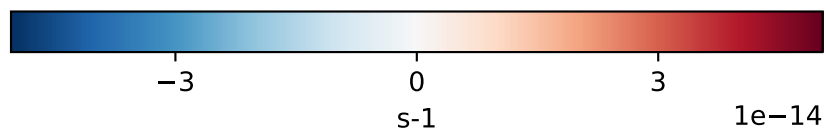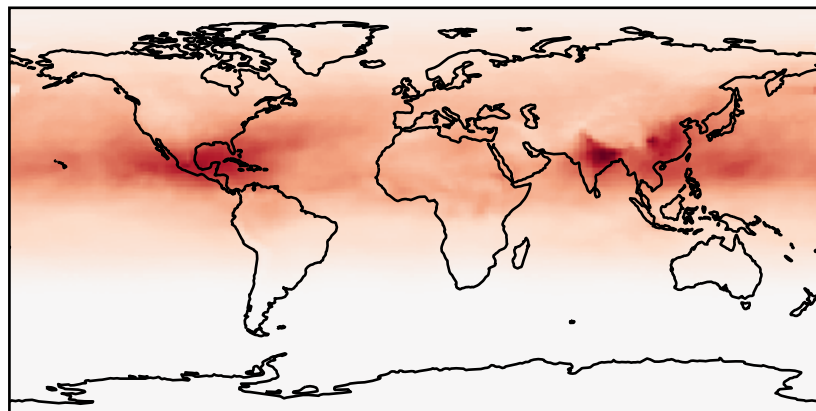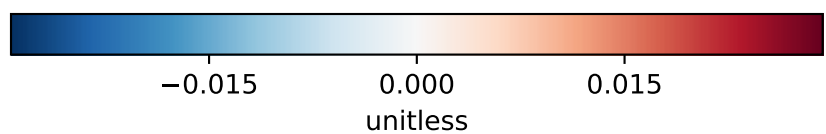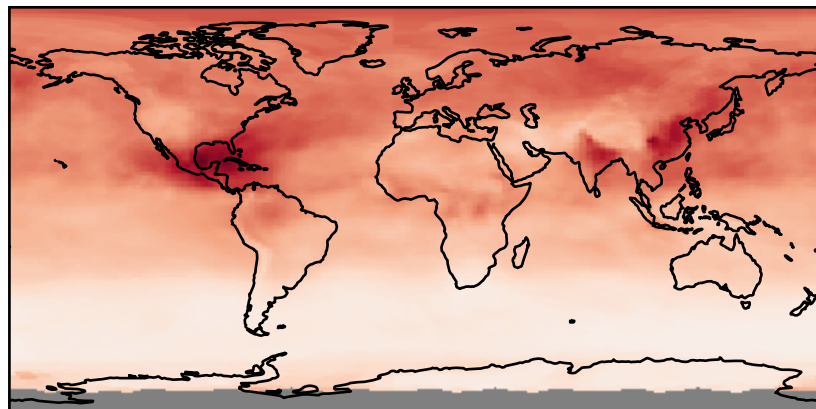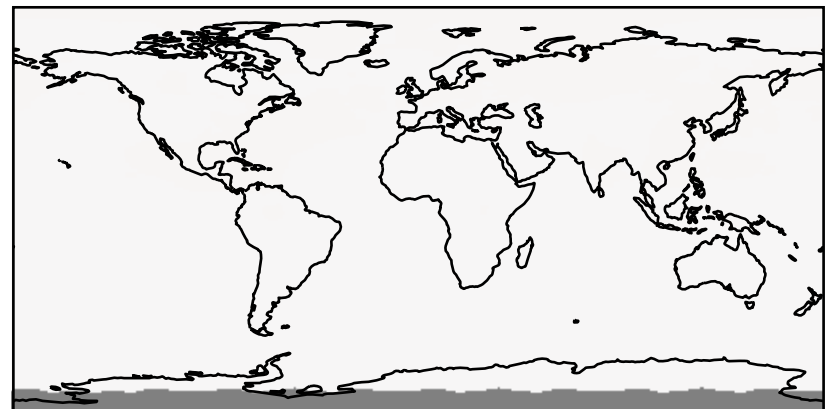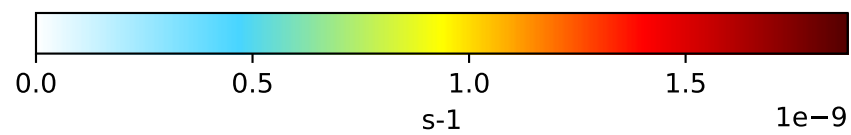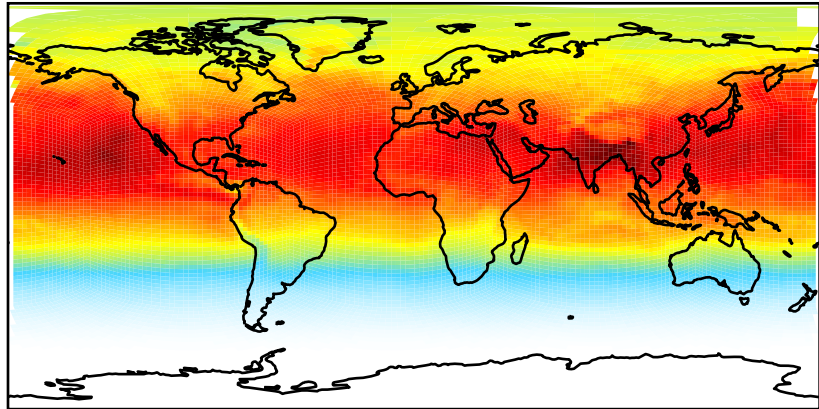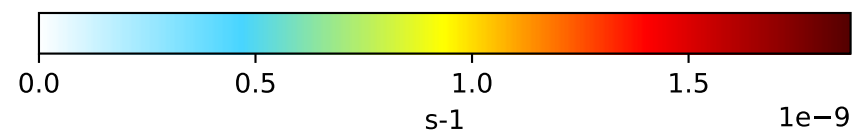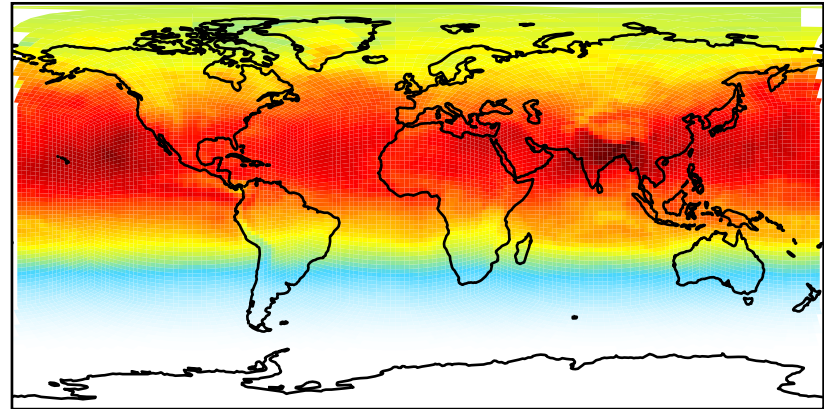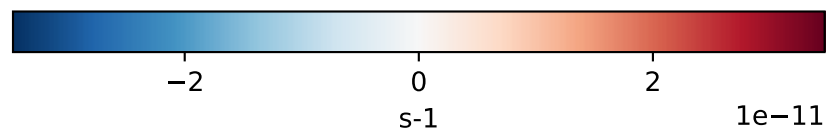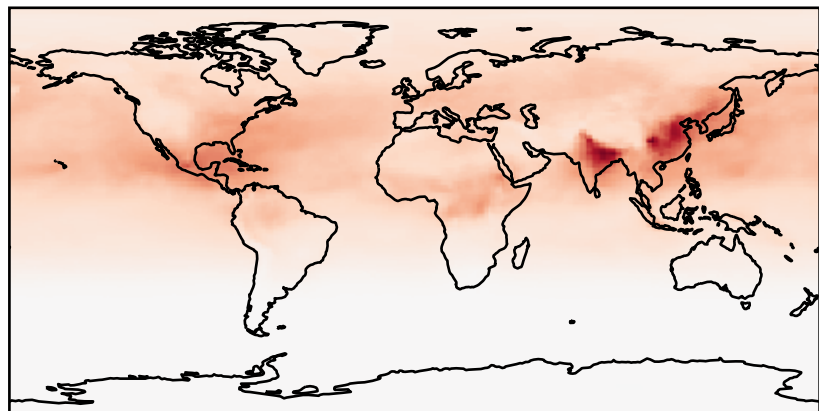Undefined throughout domain
s-1

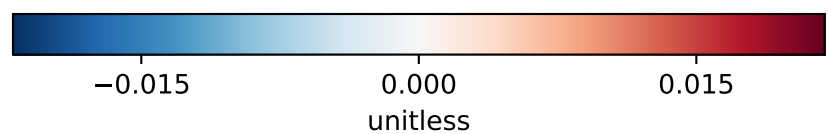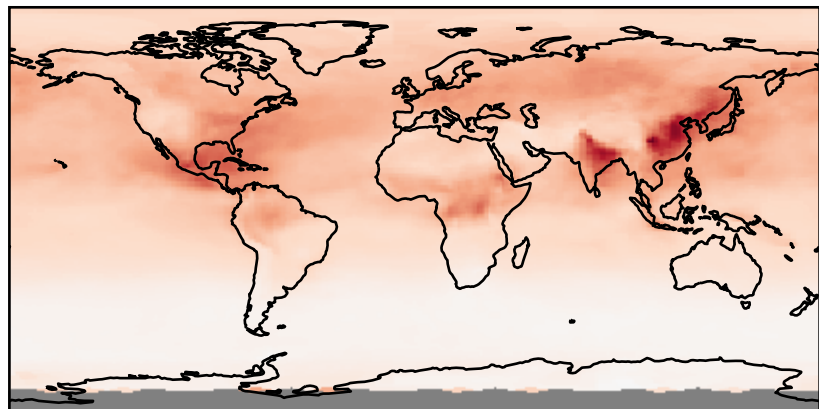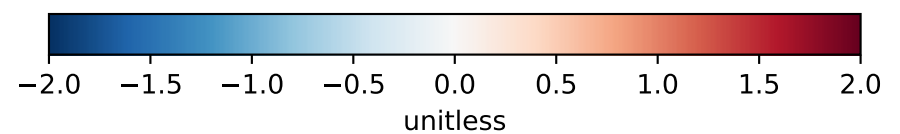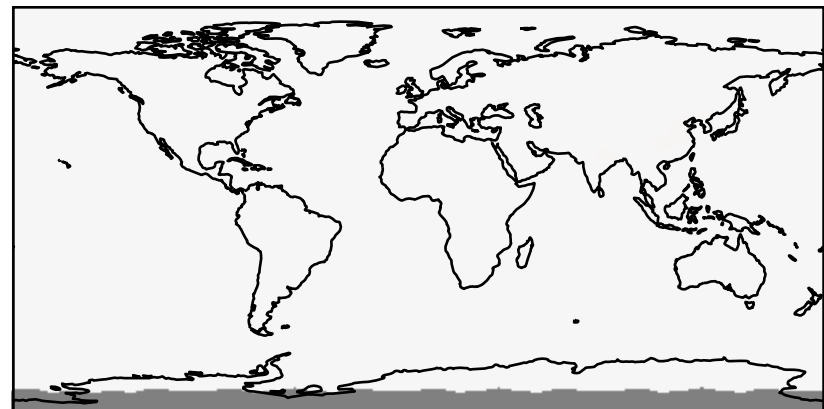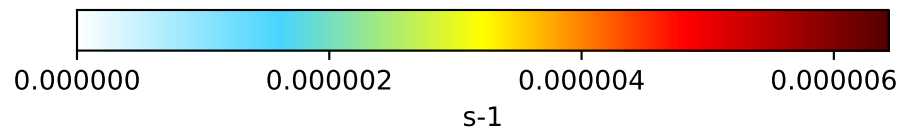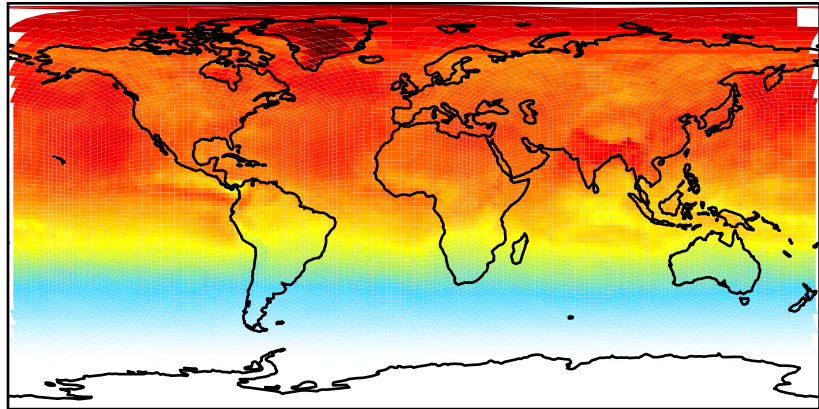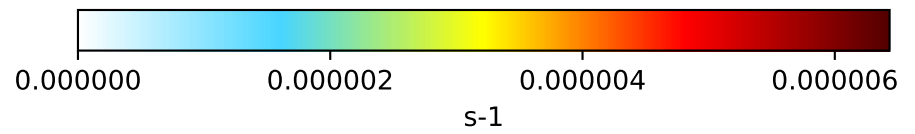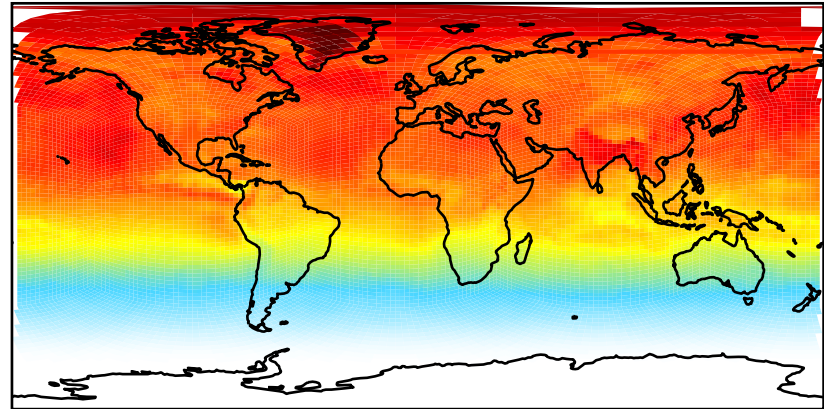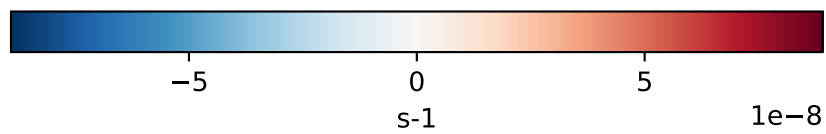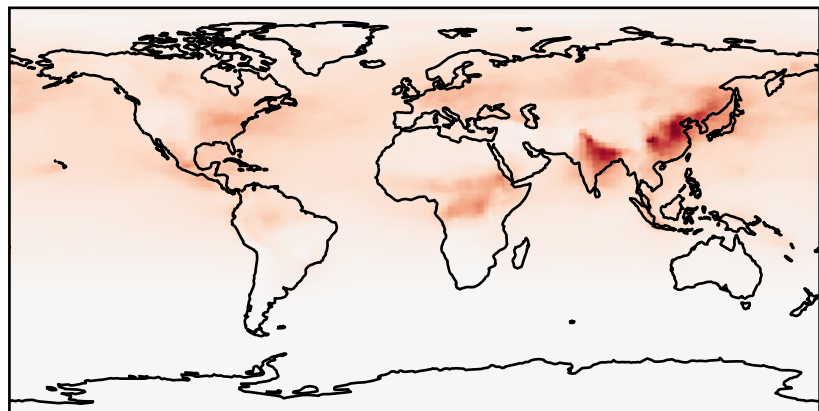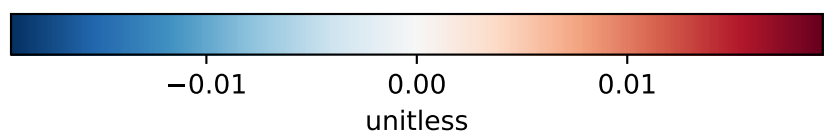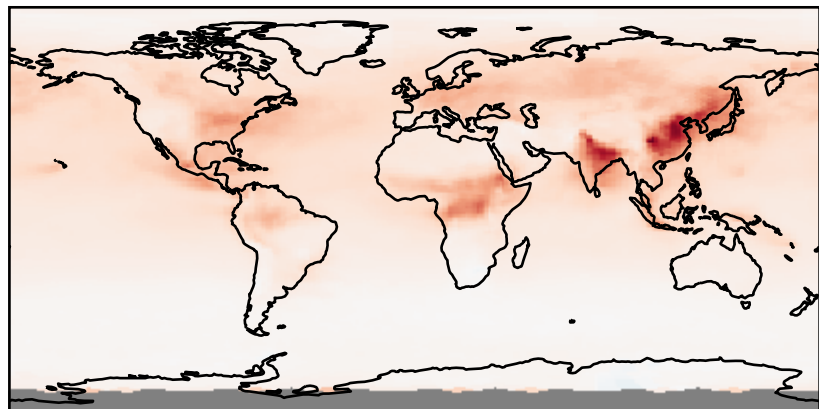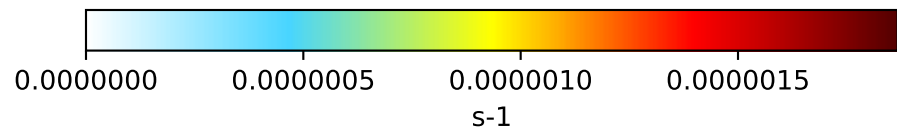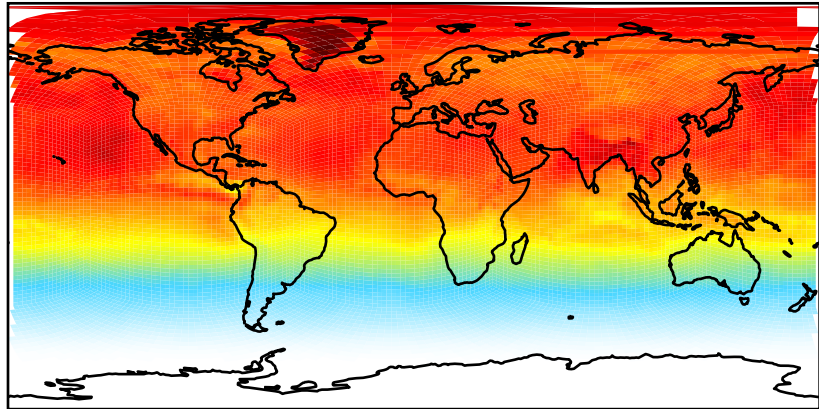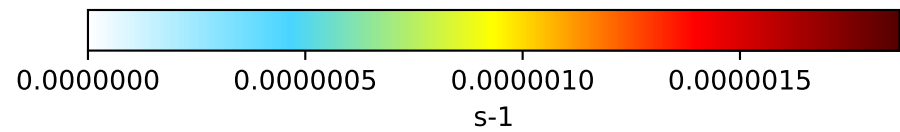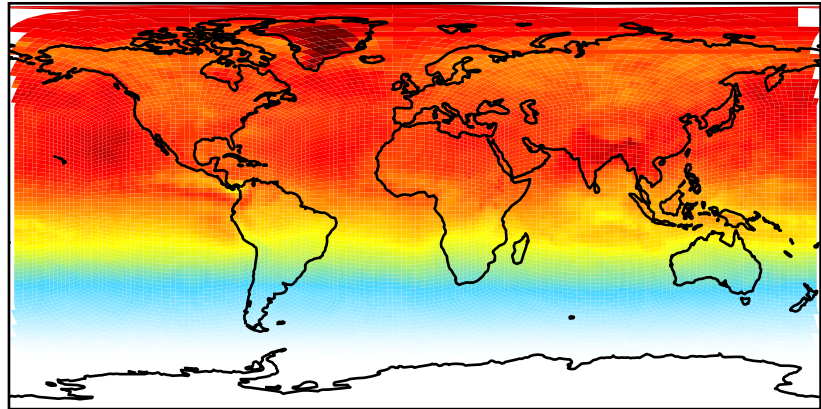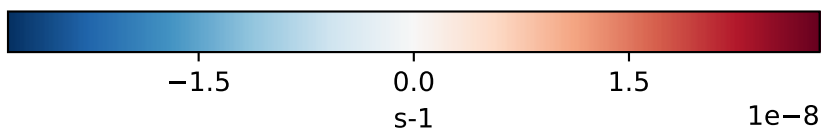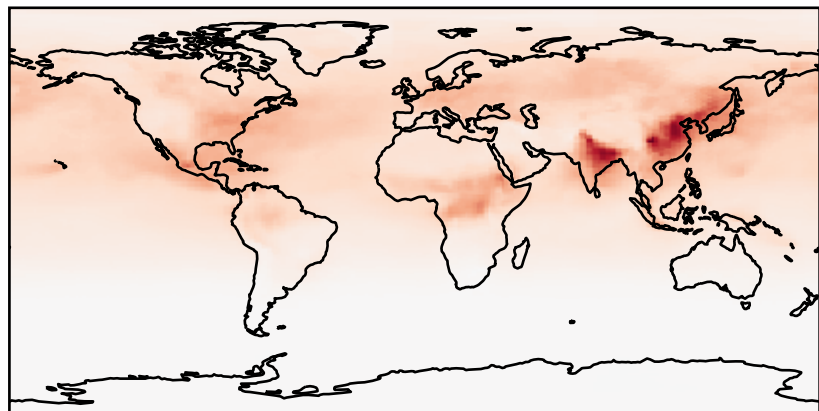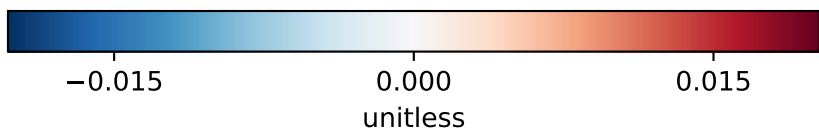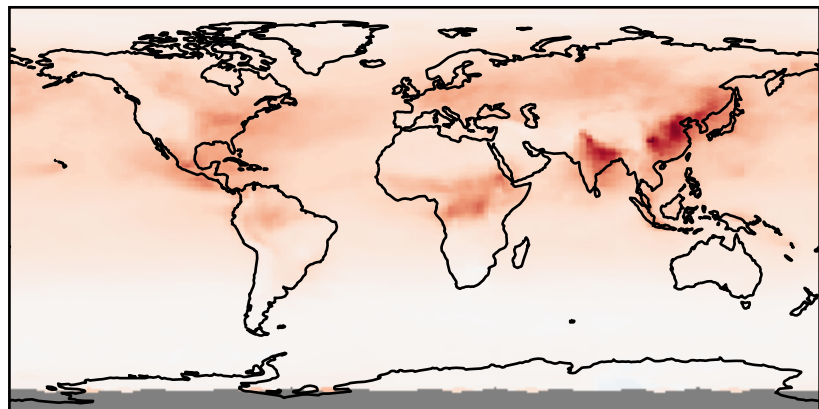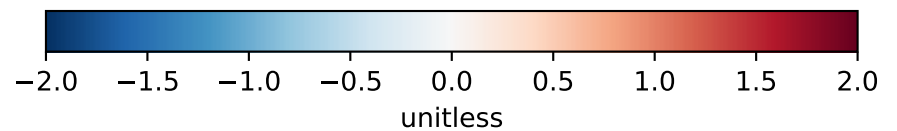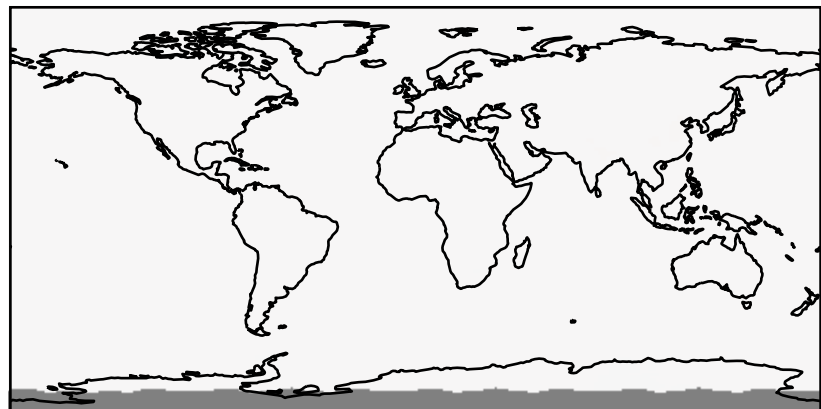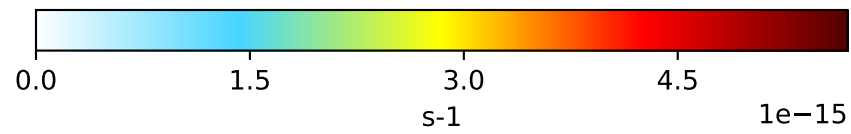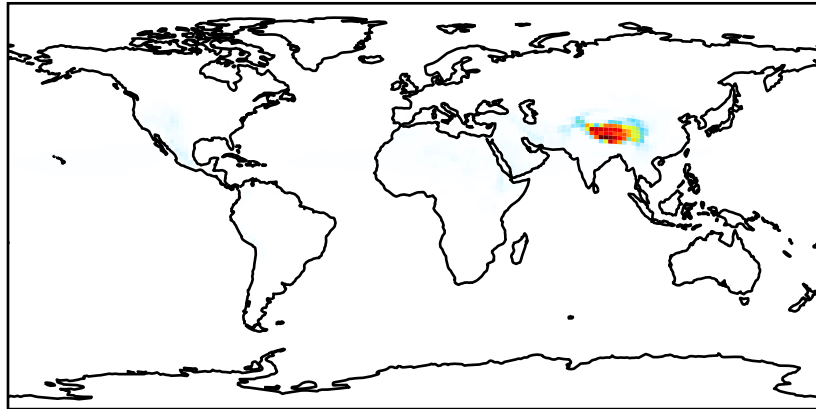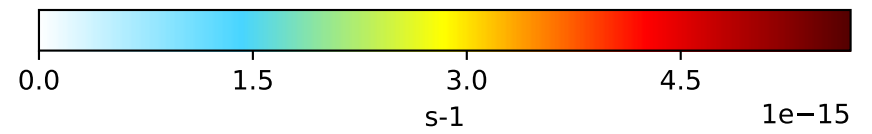0.000   0.015   0.030   0.045
s-1

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

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

Undefined throughout domain
s-1

Undefined throughout domain
s-1

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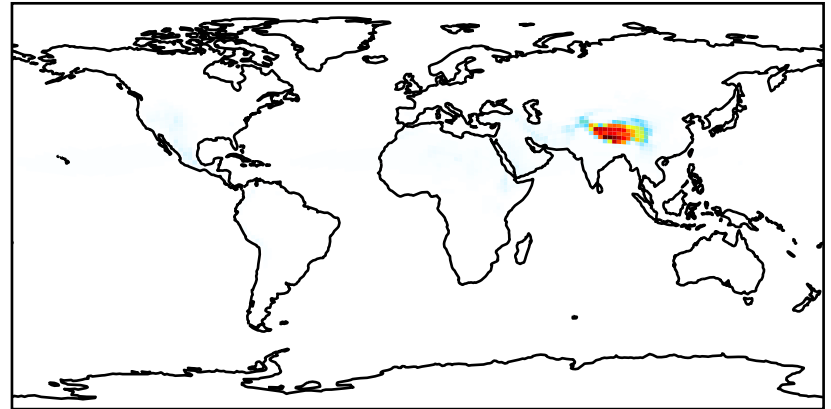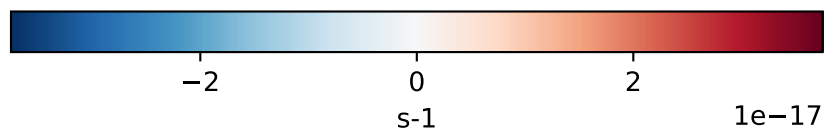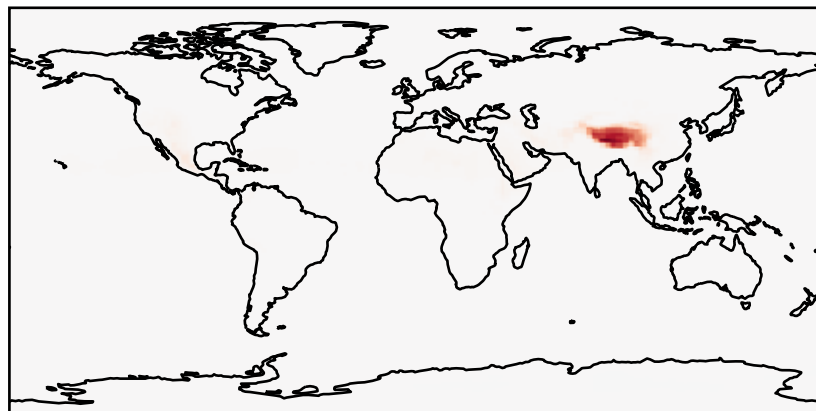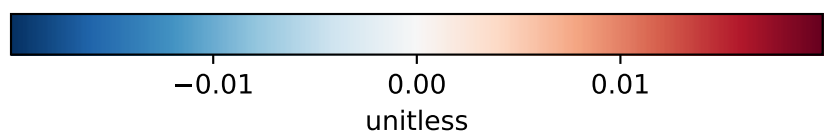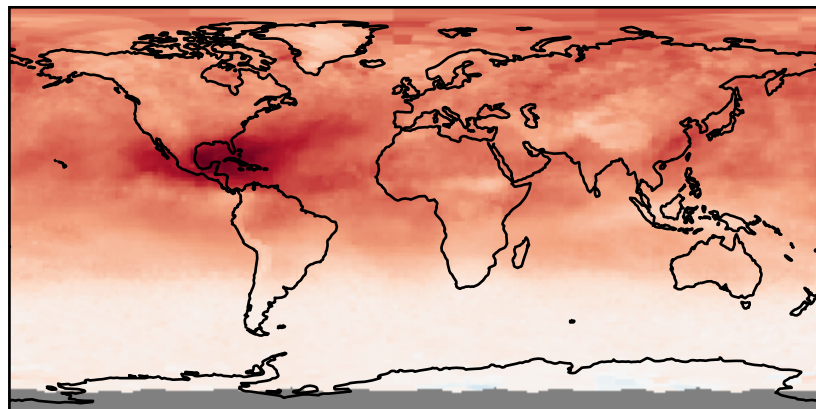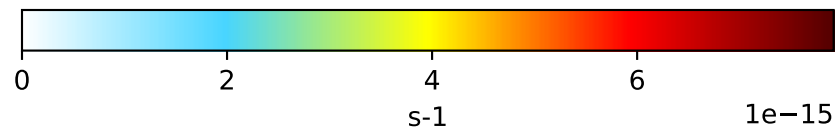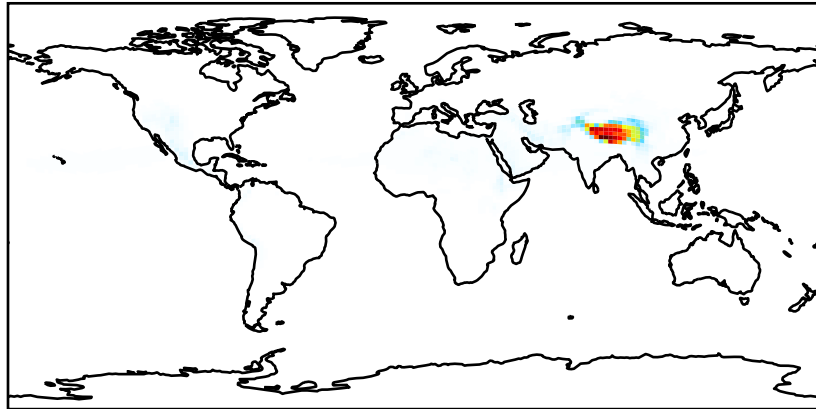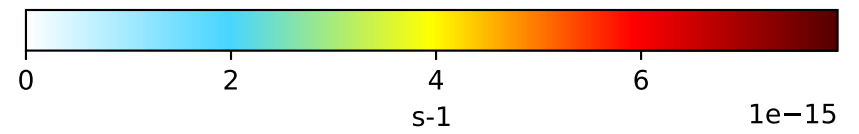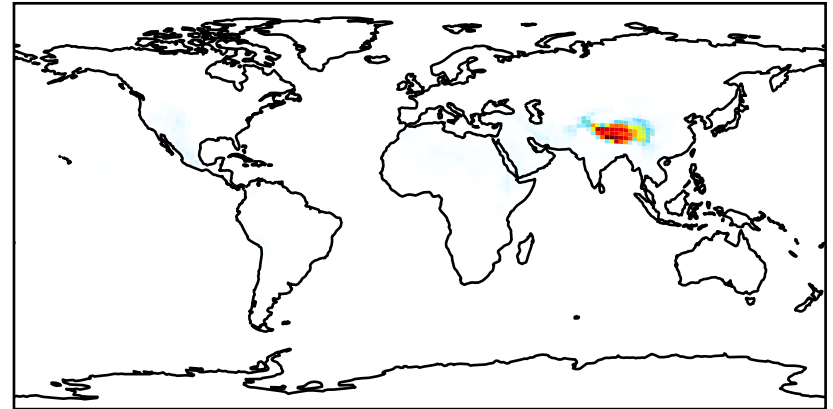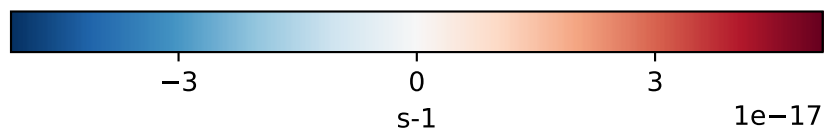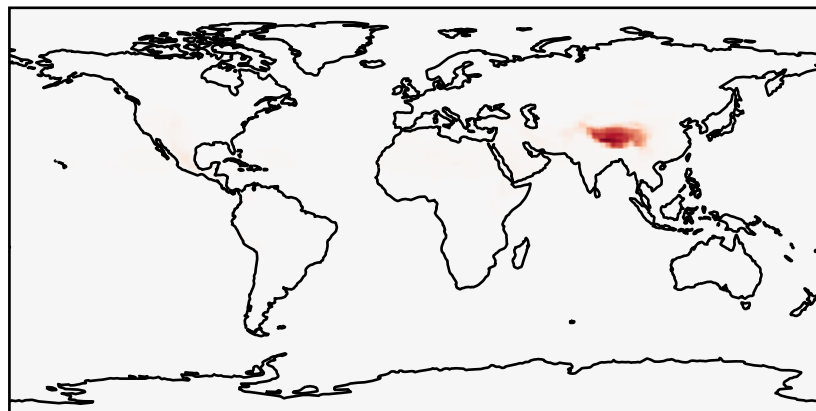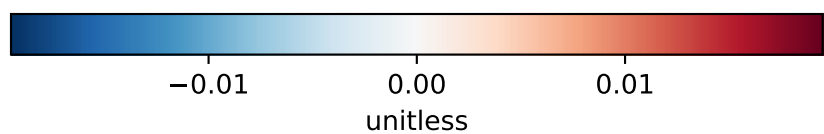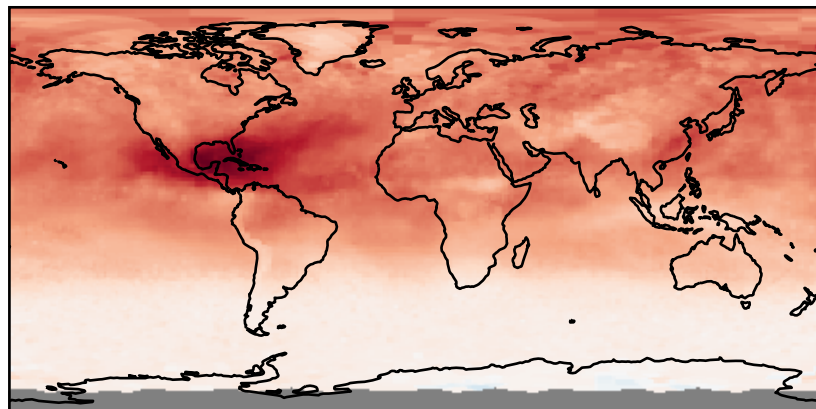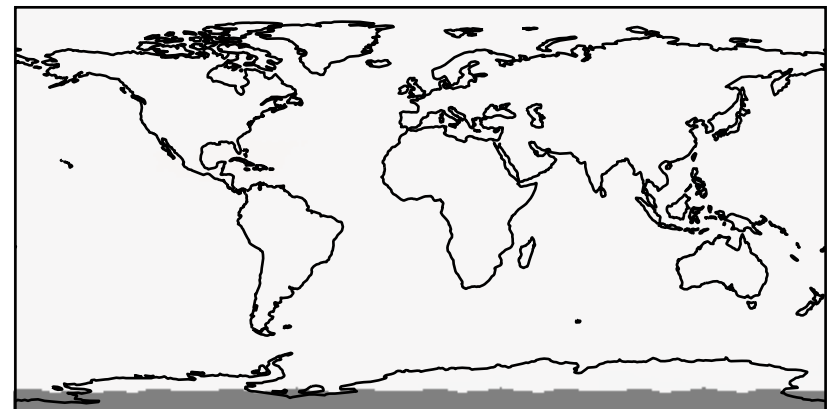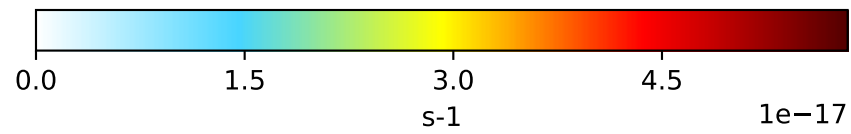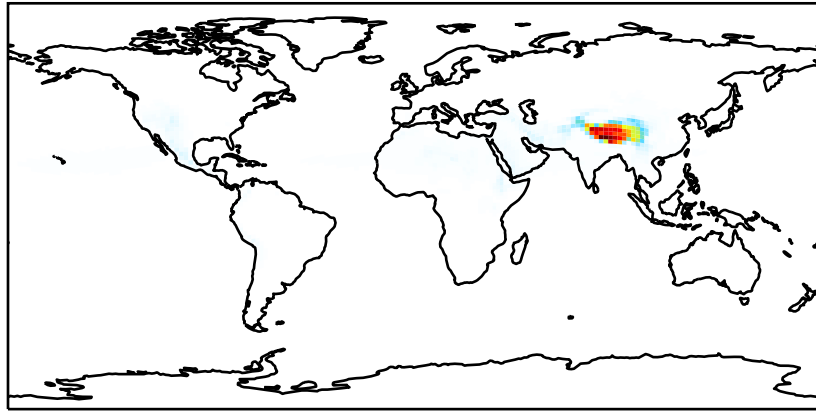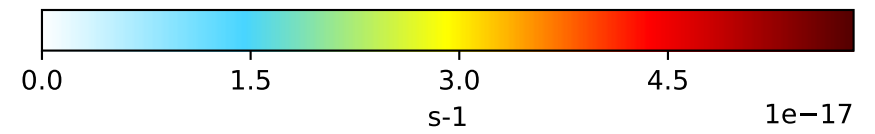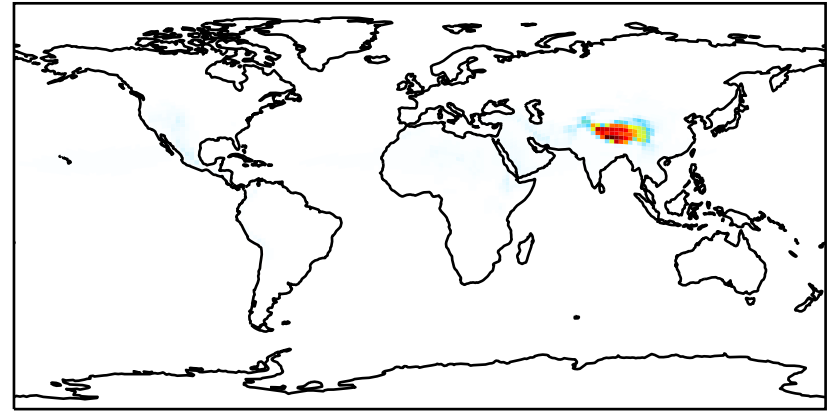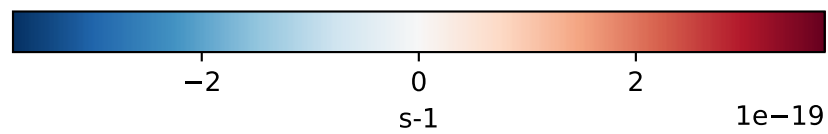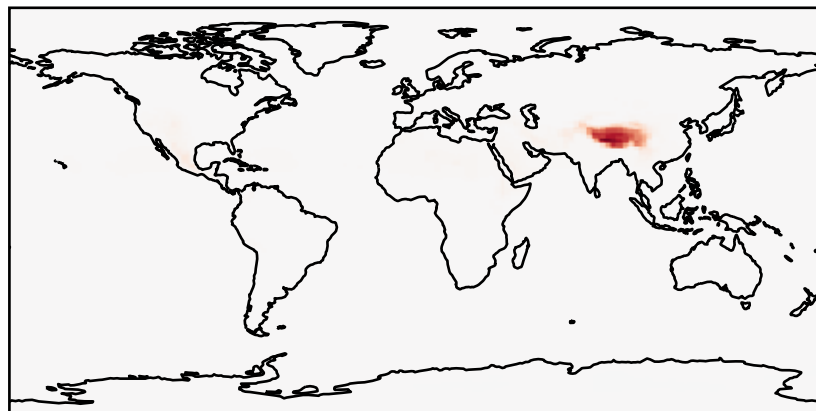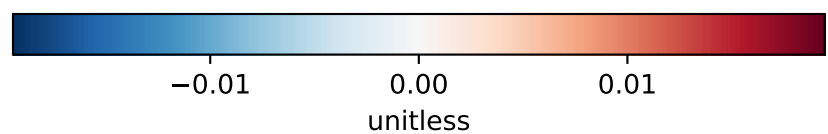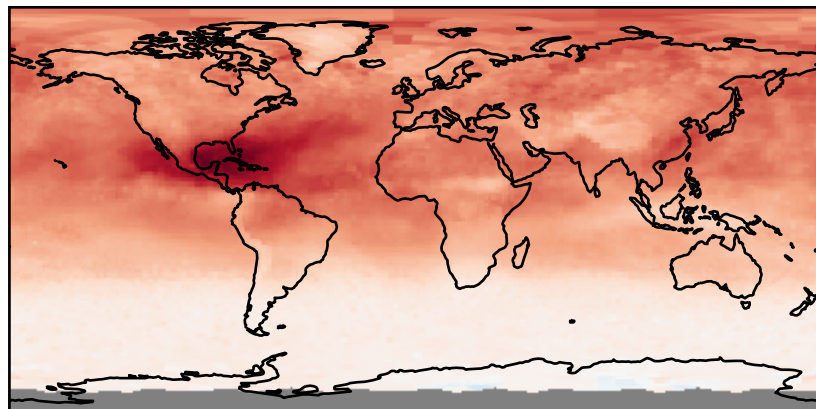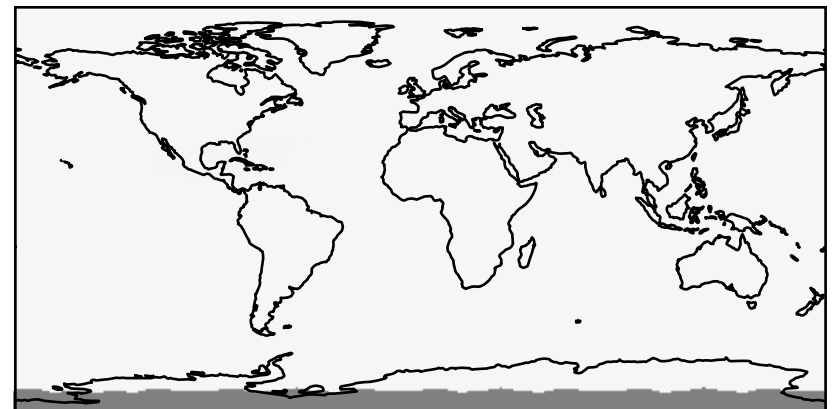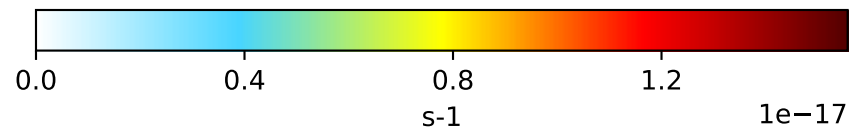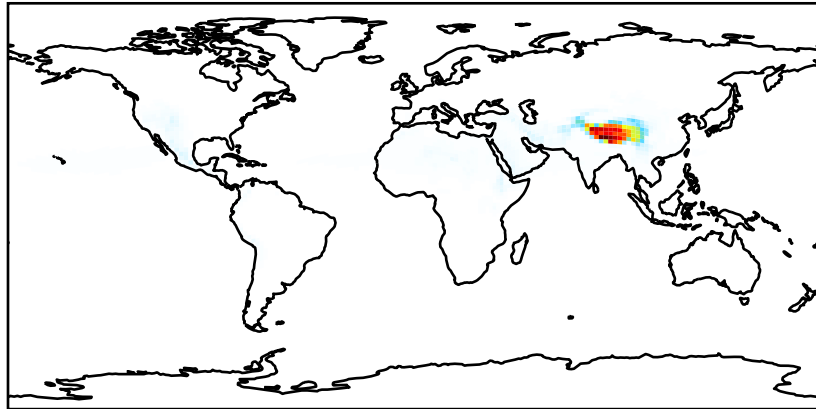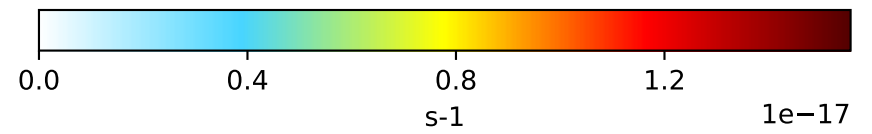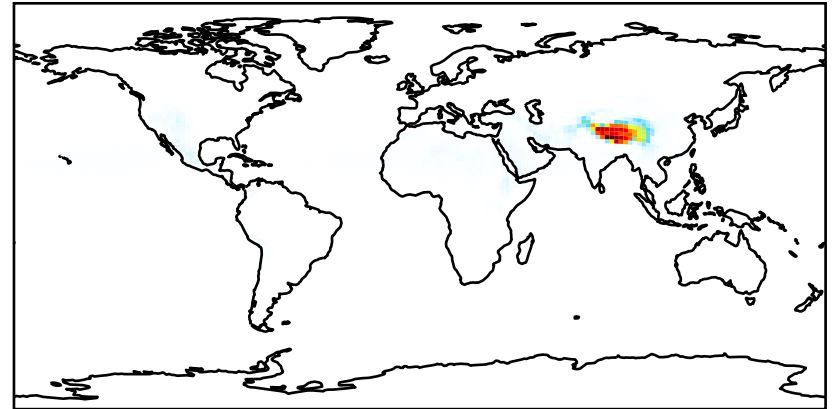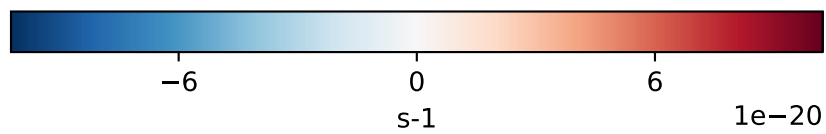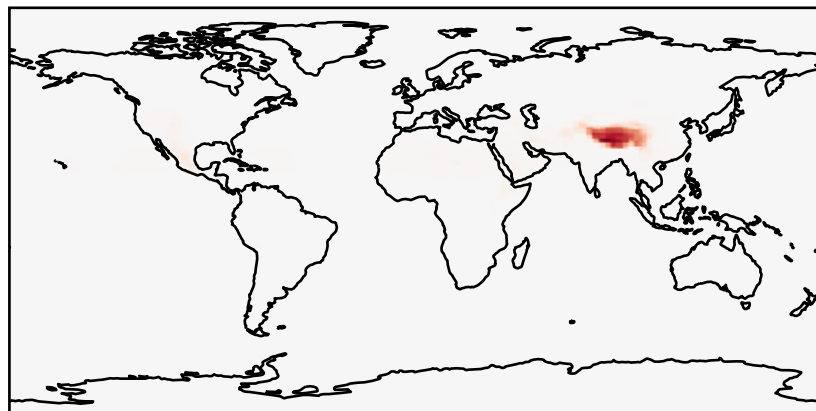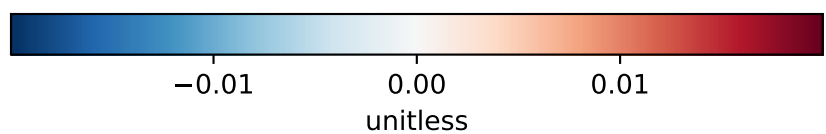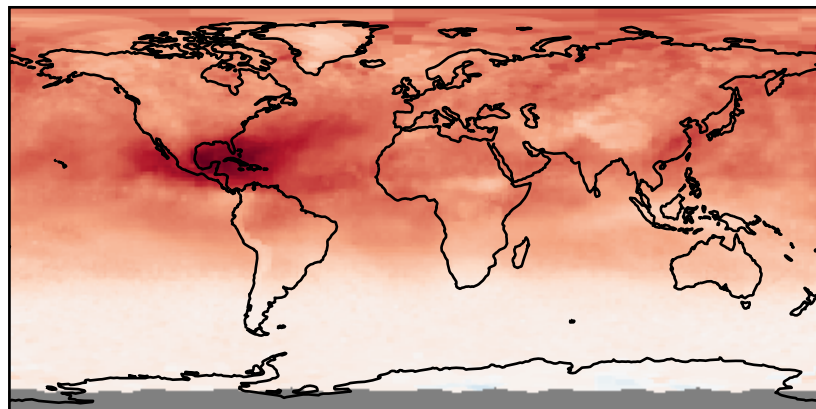
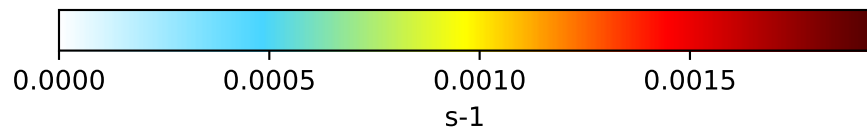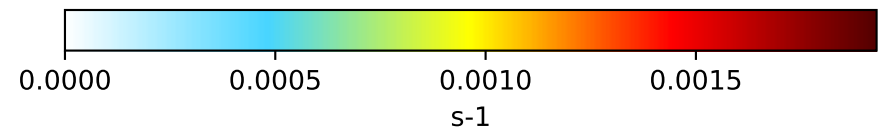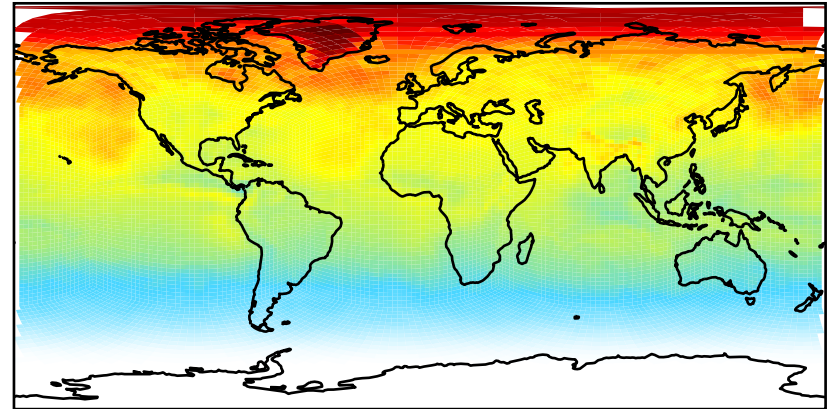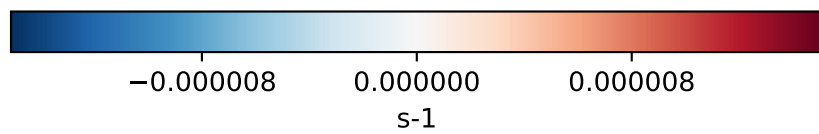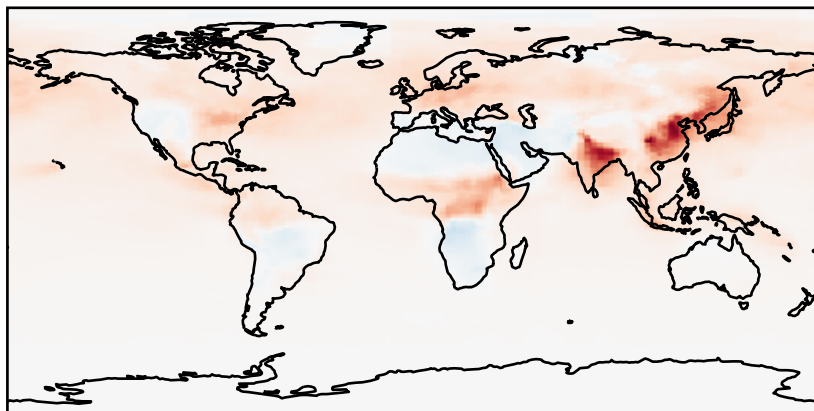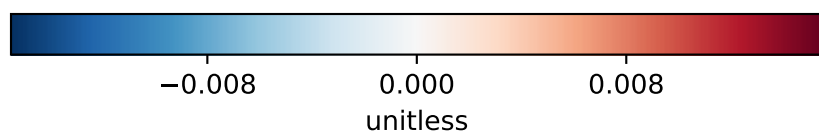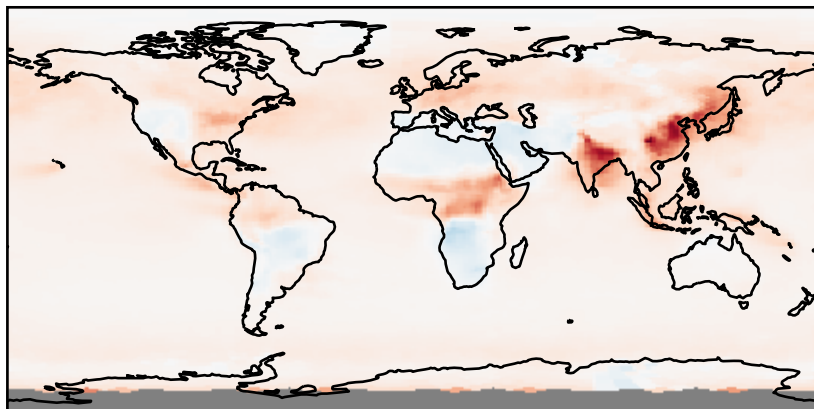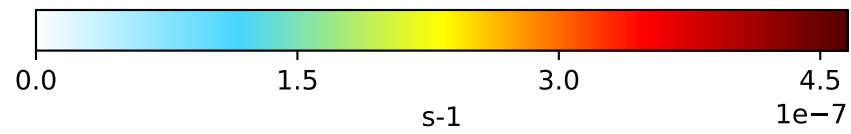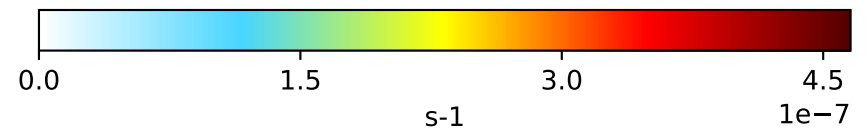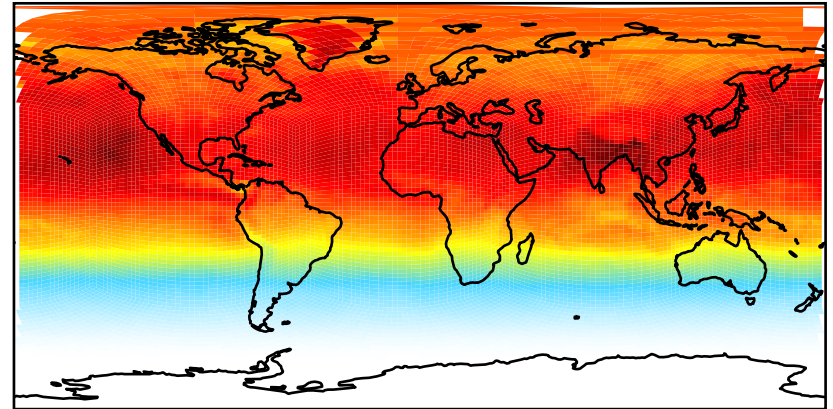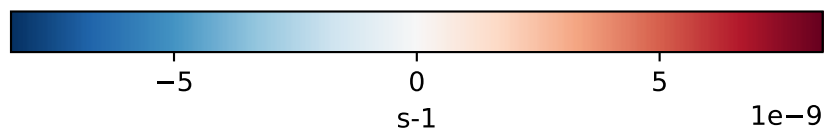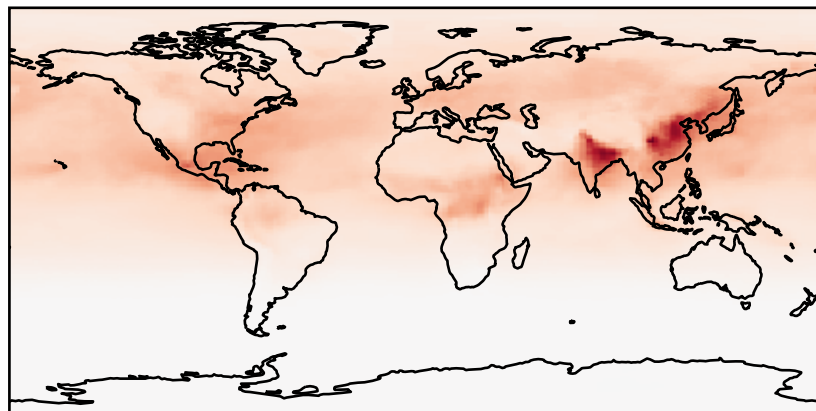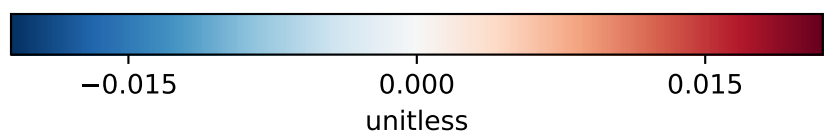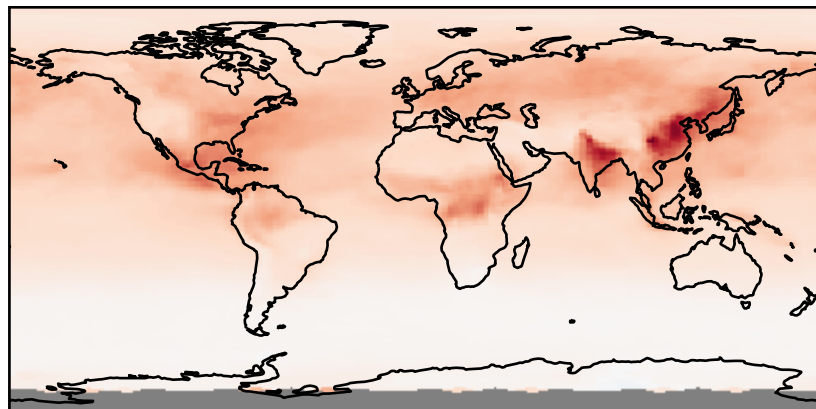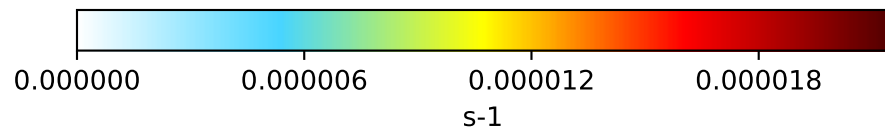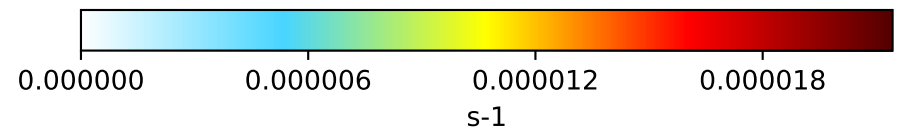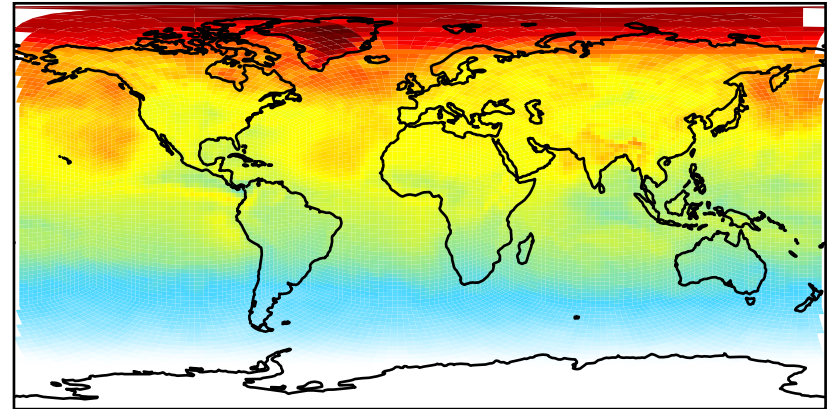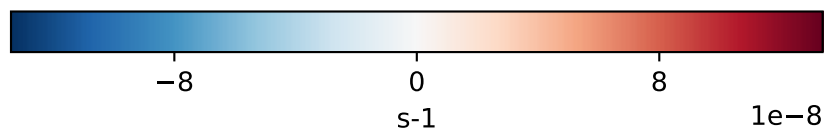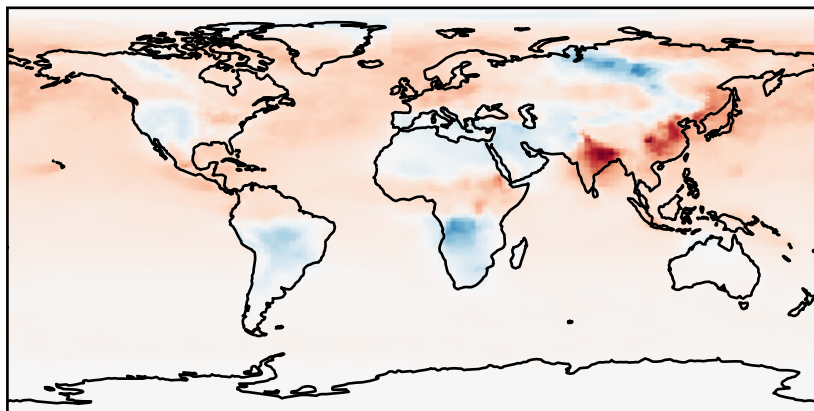Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

Undefined throughout domain
unitless

Undefined throughout domain
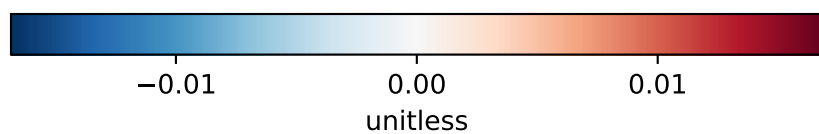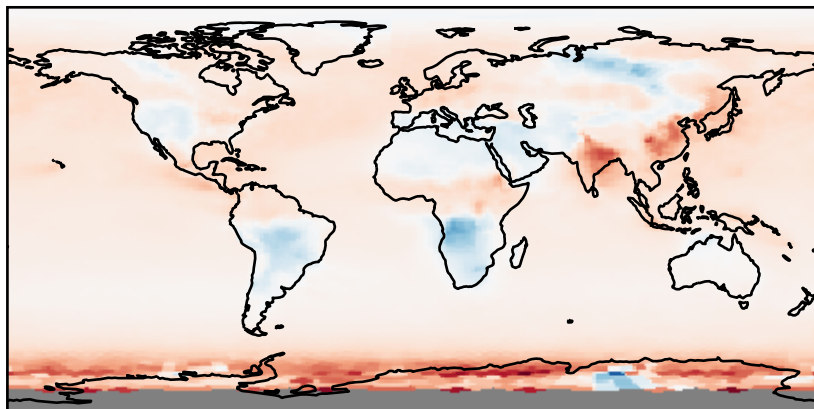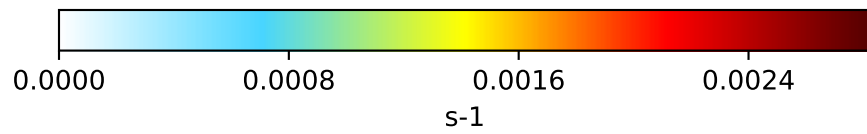unitless

Jval_INPN

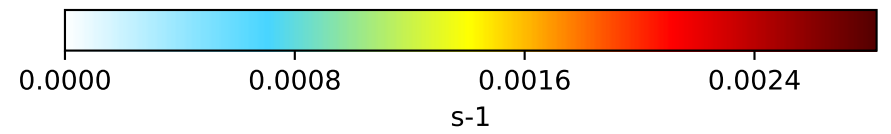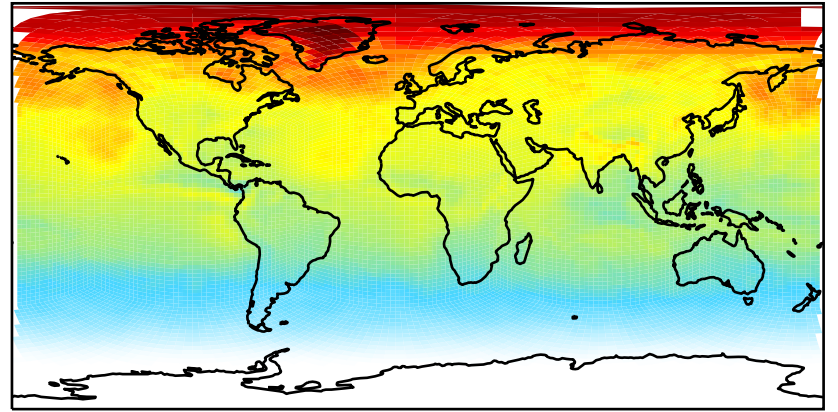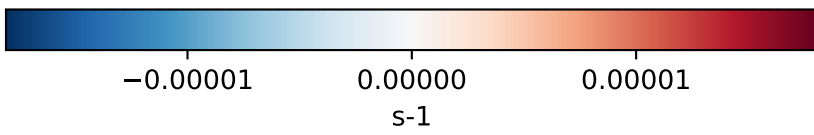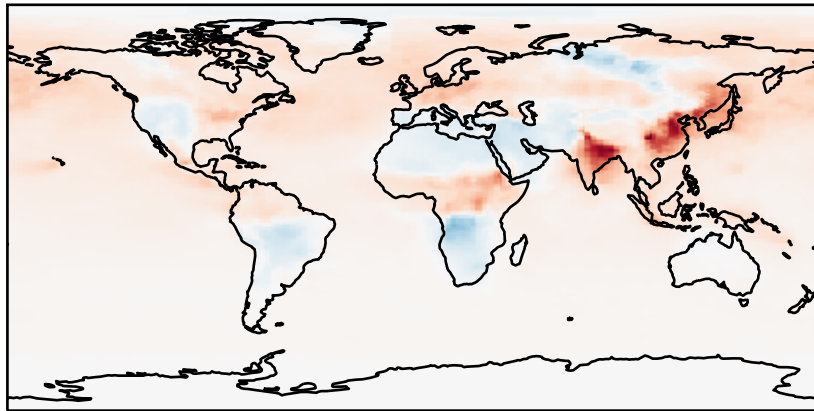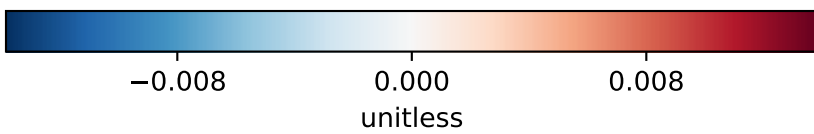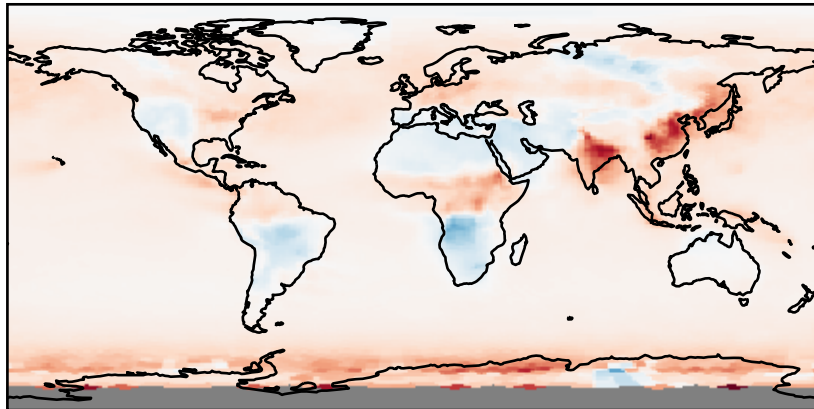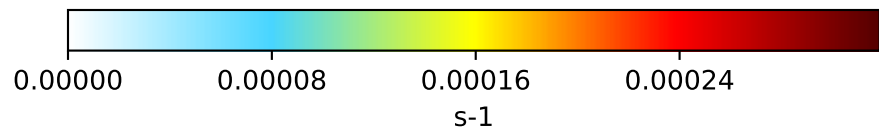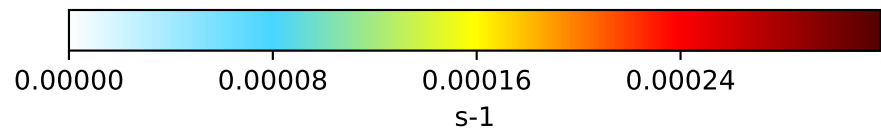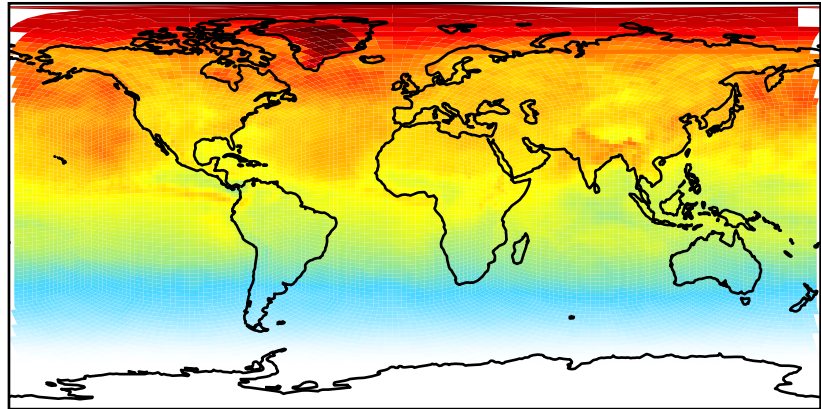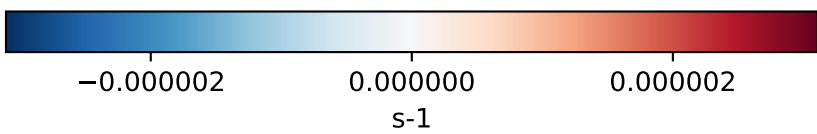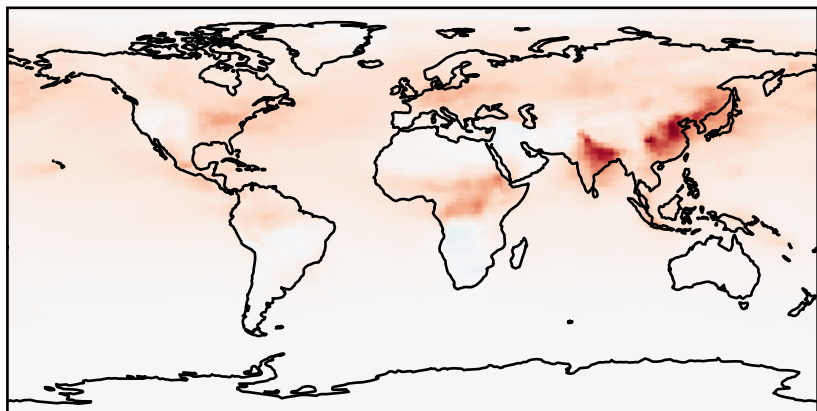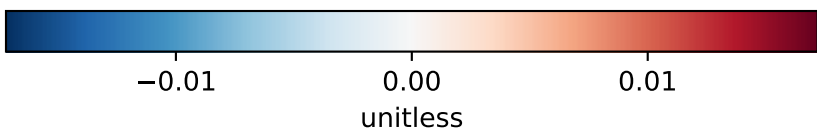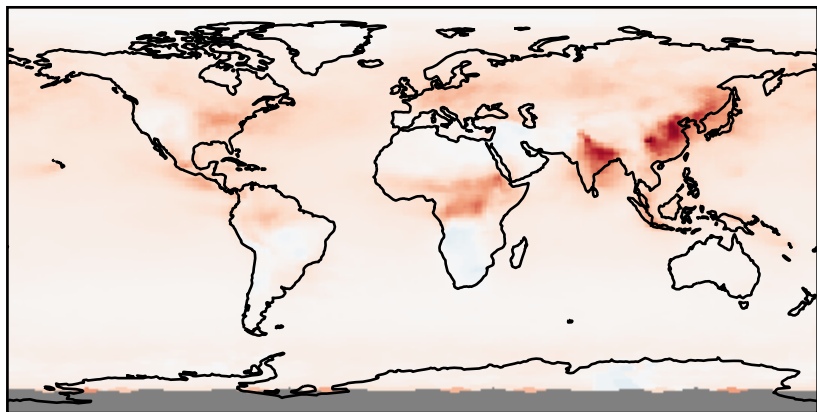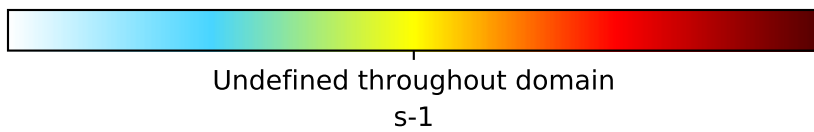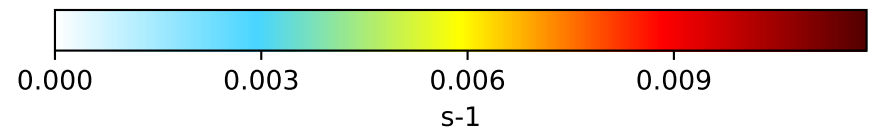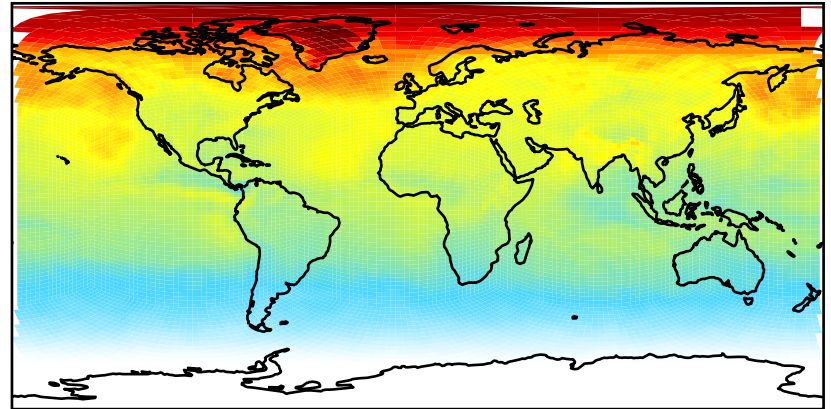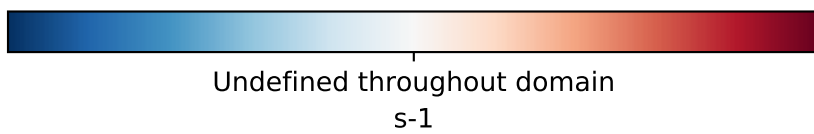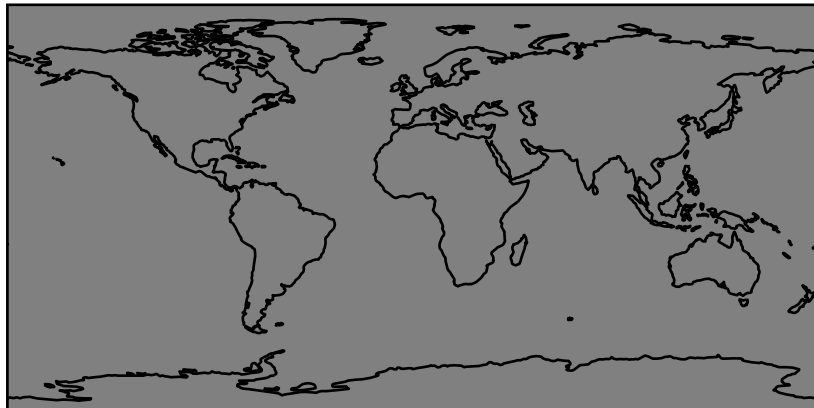# Jval_IO

GCHP_12.5.0 (Ref)
c48

GCHP_12.6.0 (Dev)
c48

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s-1

0.00   0.05   0.10   0.15   0.20   0.25
s-1
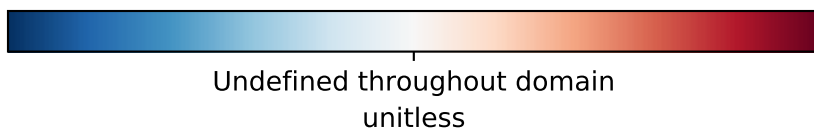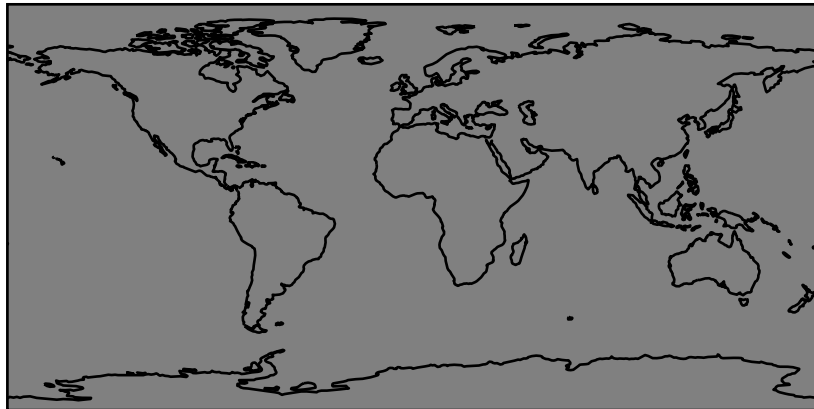
Difference (1x1.25)
Dev - Ref, Dynamic Range

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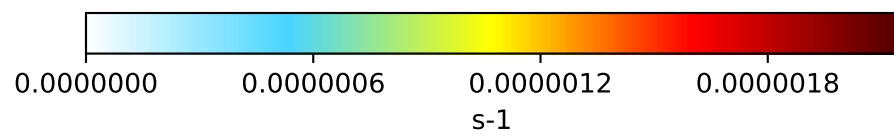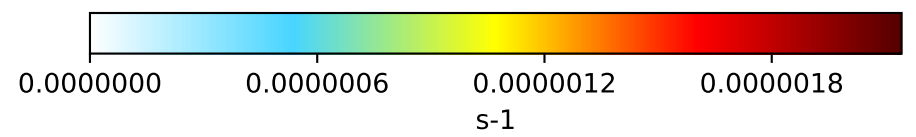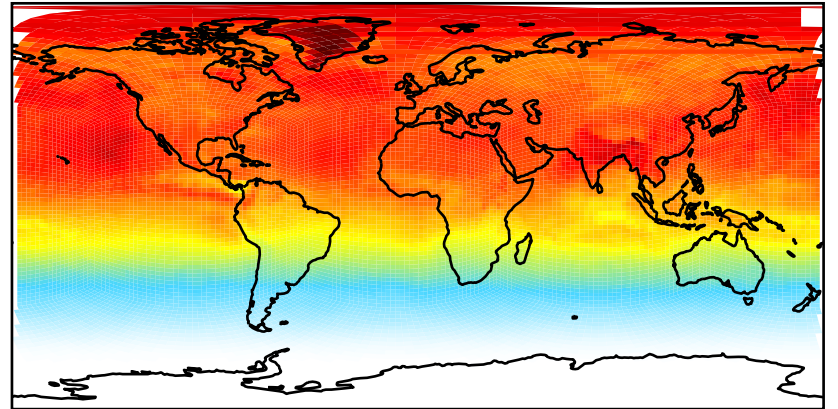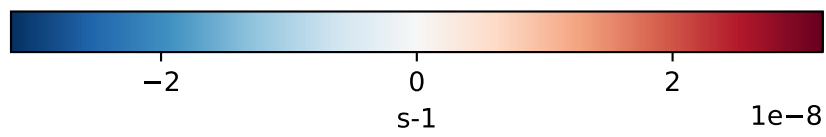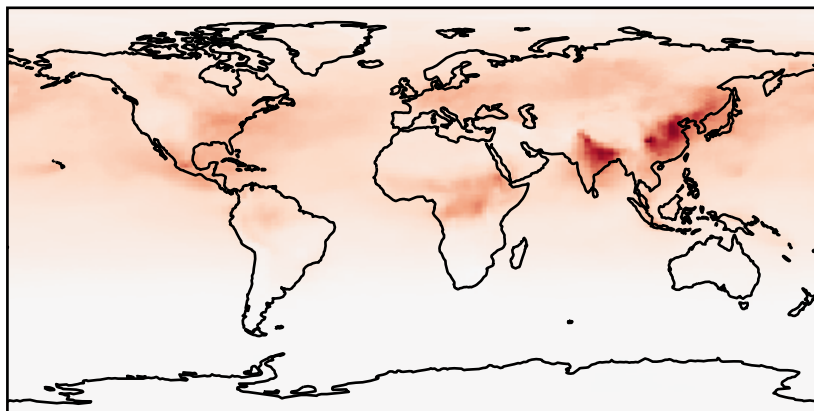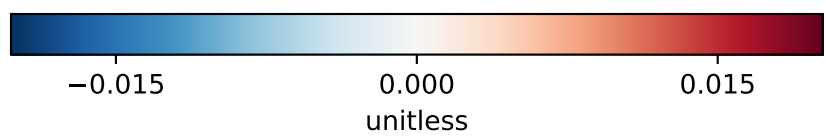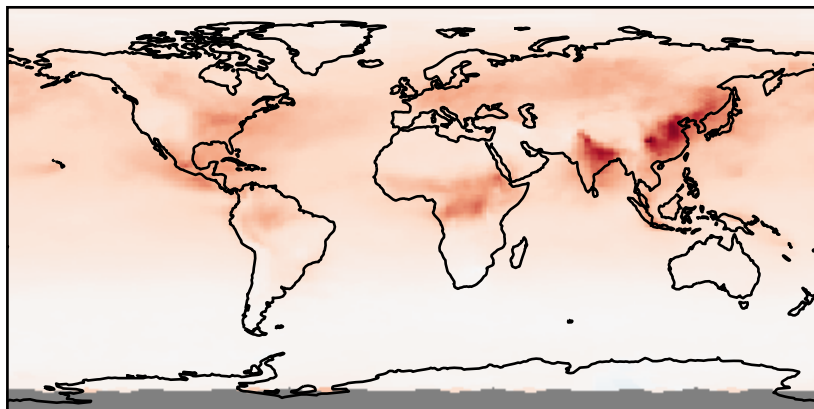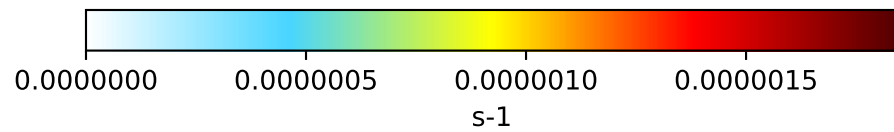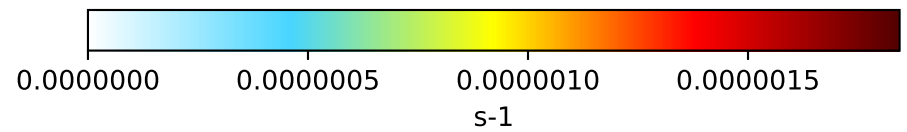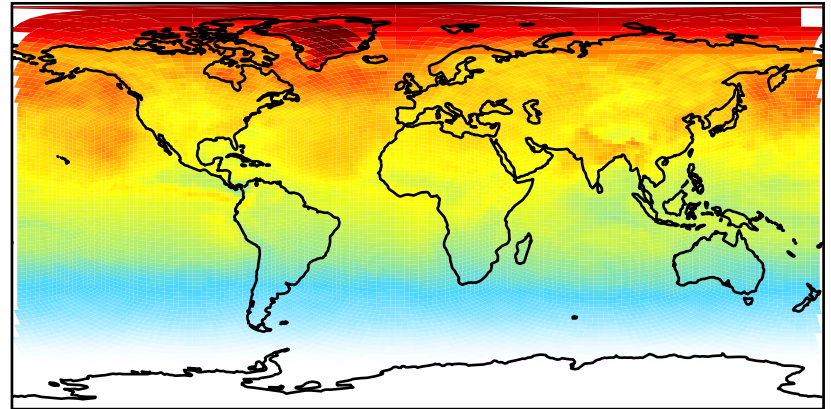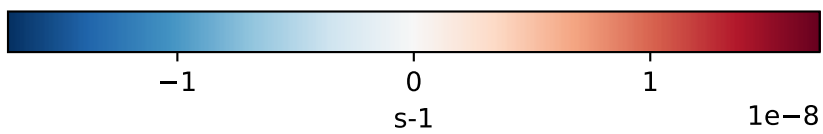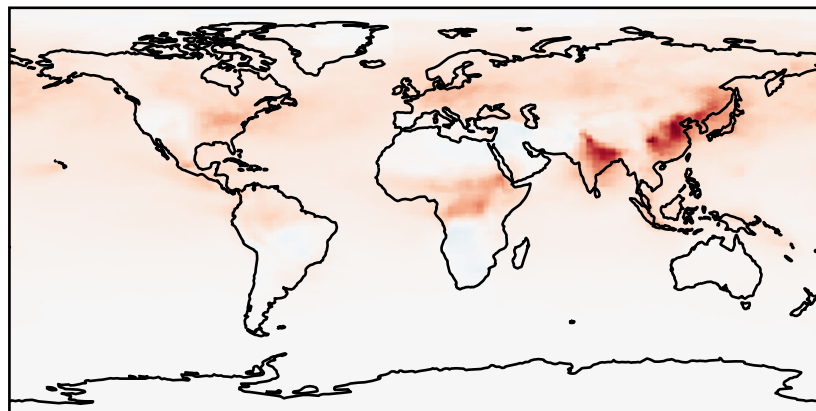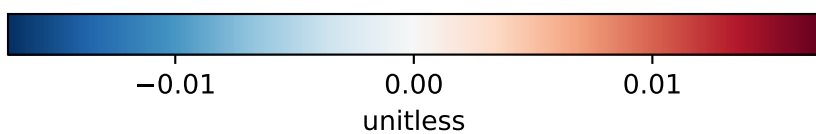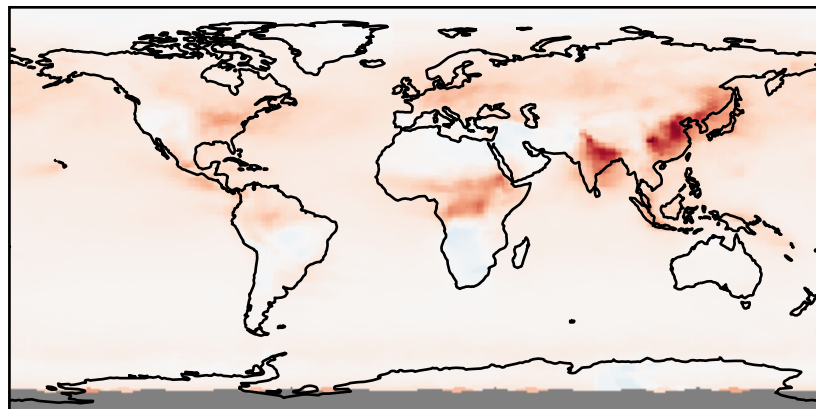Dev - Ref, Restricted Range [5%,95%]

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s-1

Undefined throughout domain
s-1

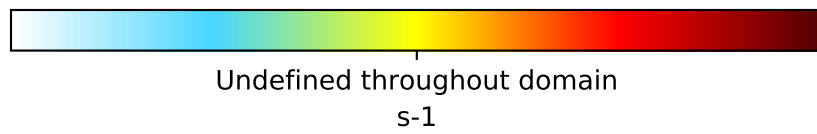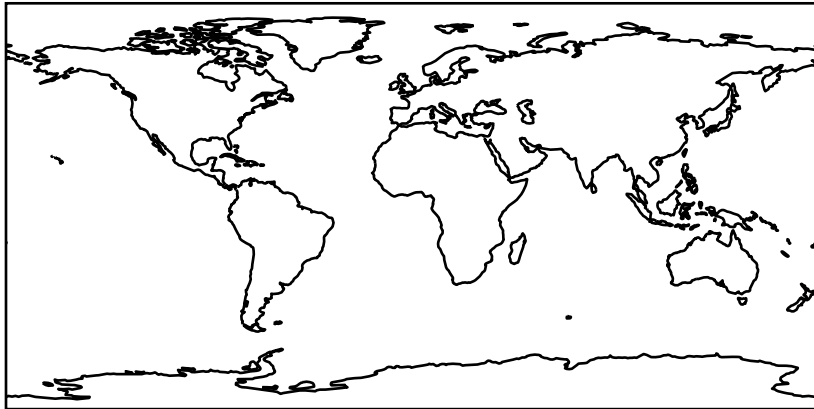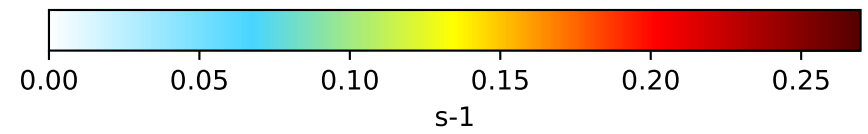Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range
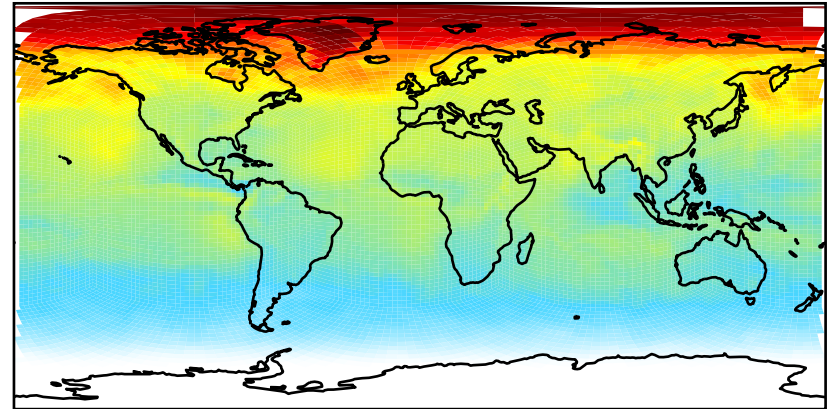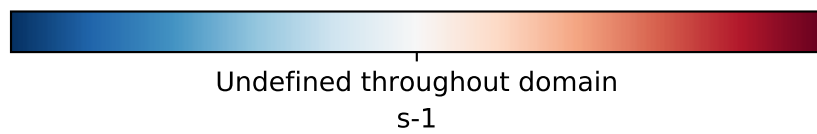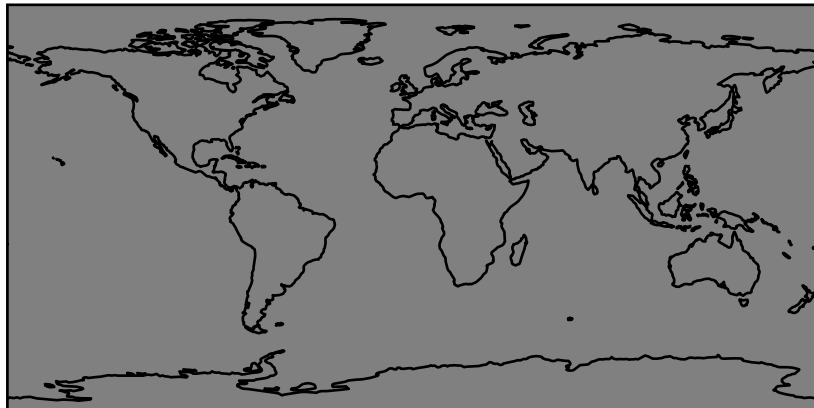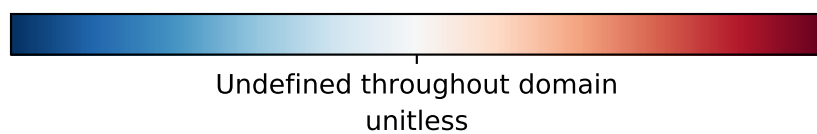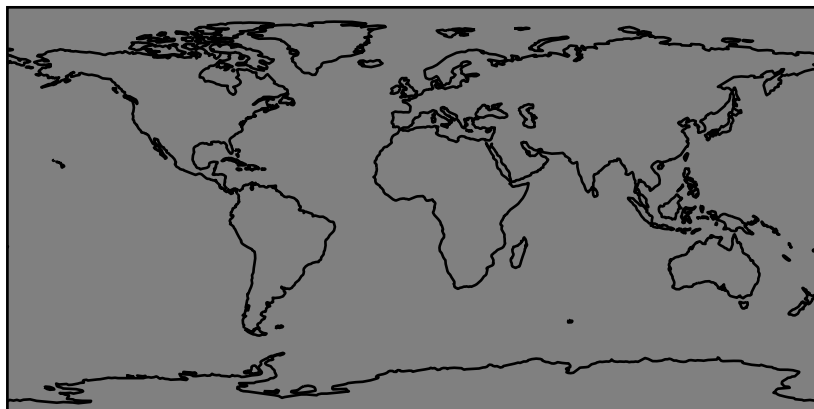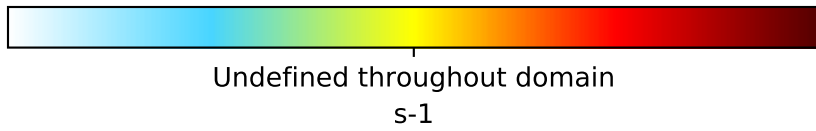
Fractional Difference (1x1.25)
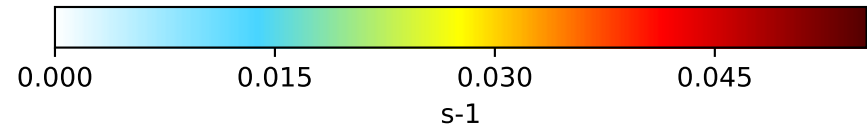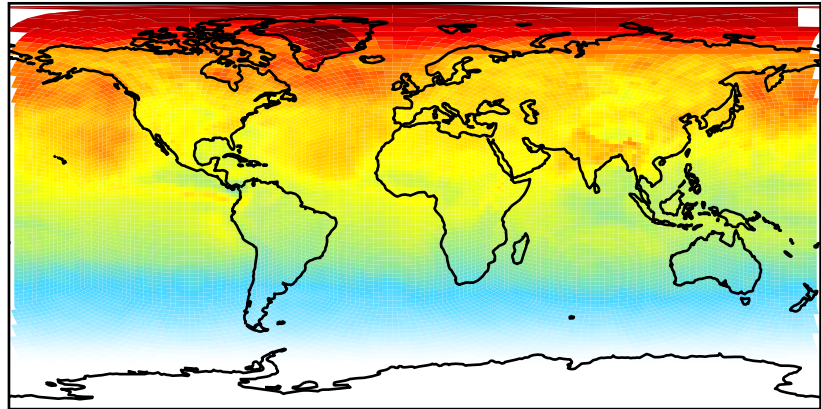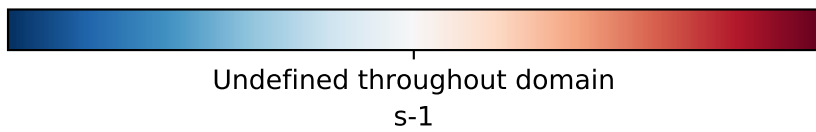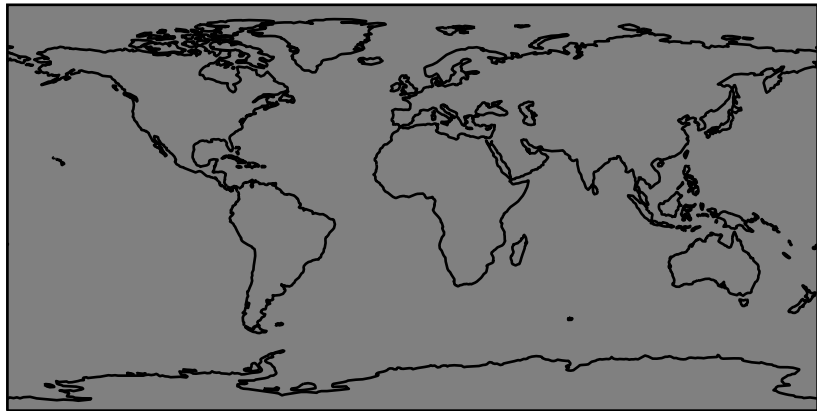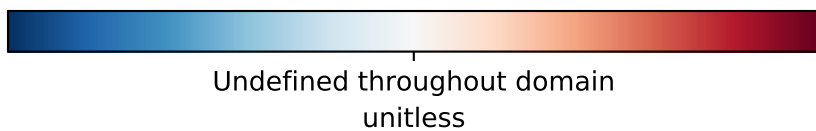(Dev-Ref)/Ref, Fixed Range

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unitless

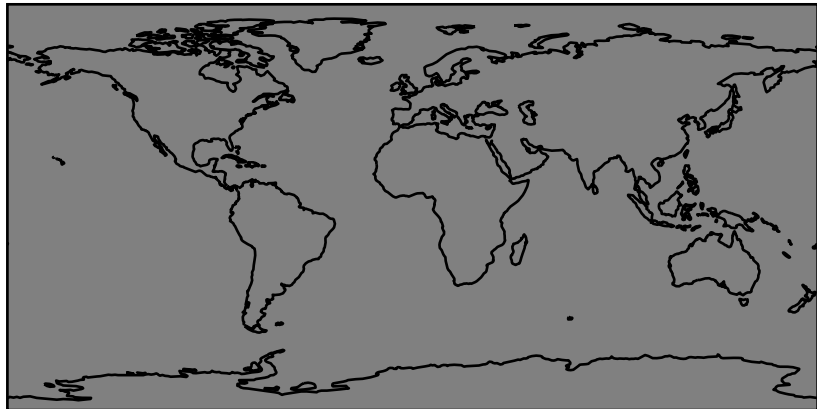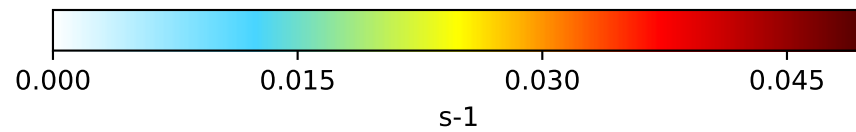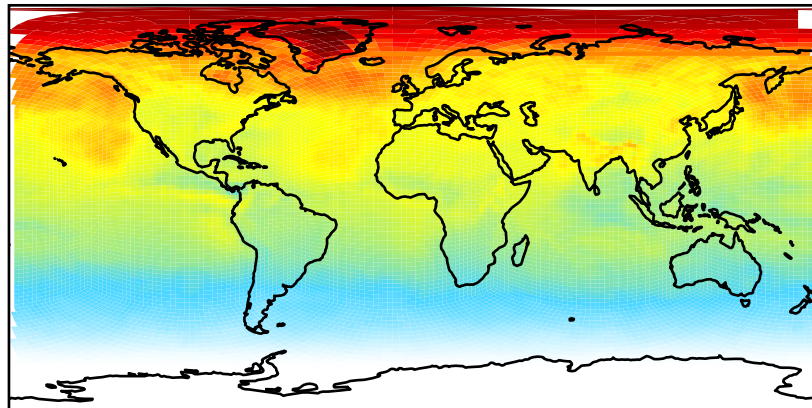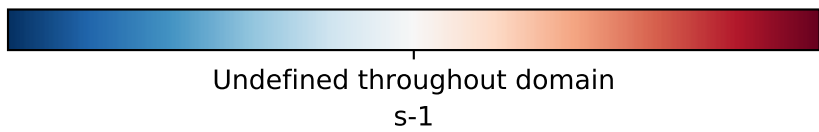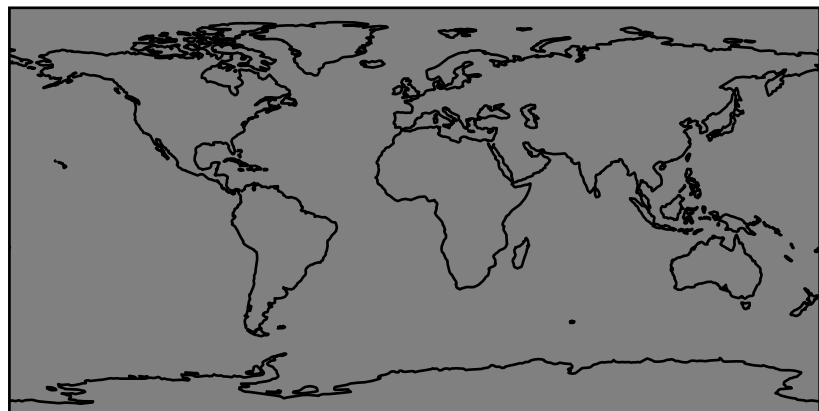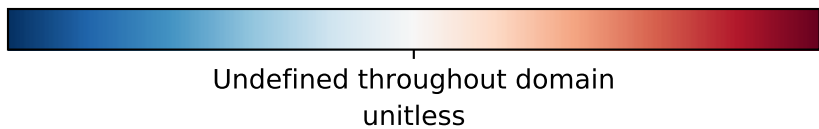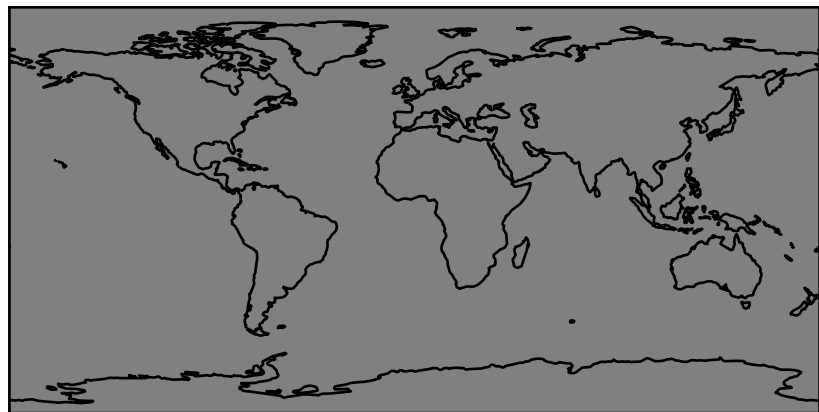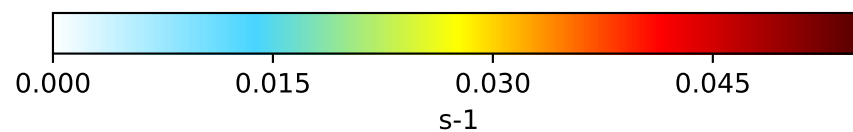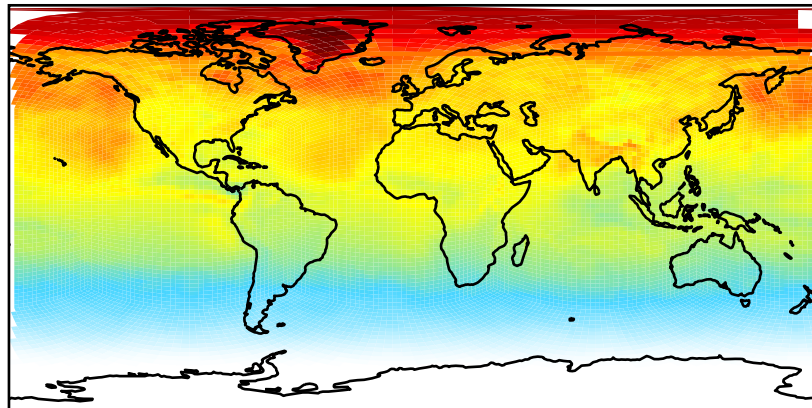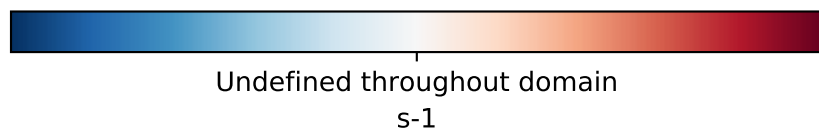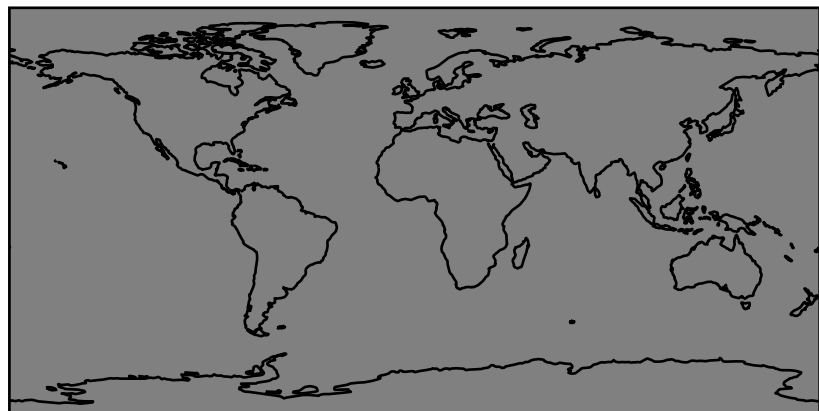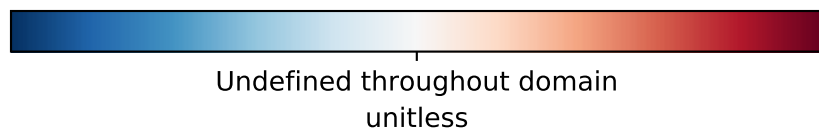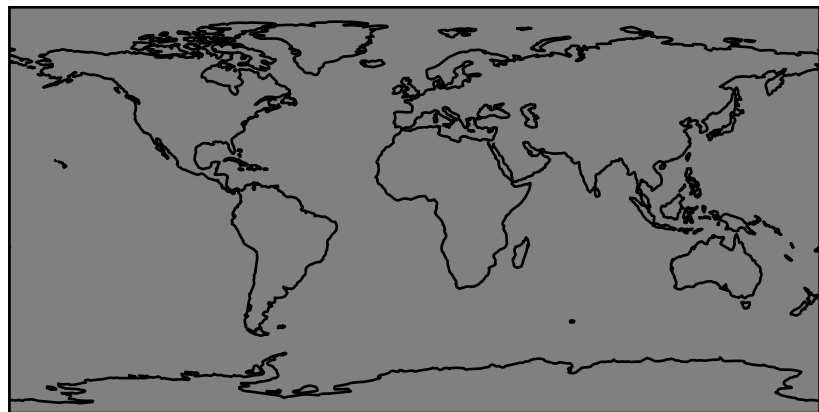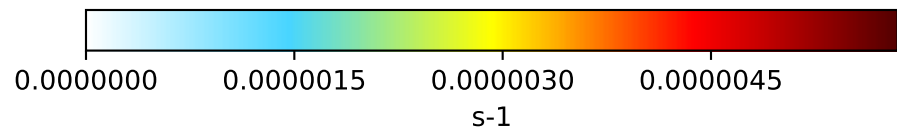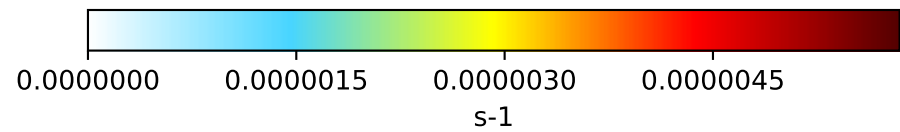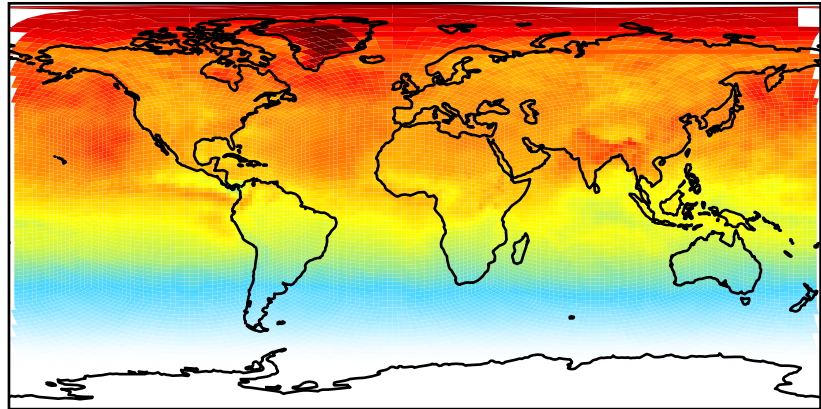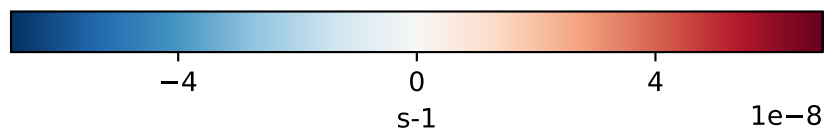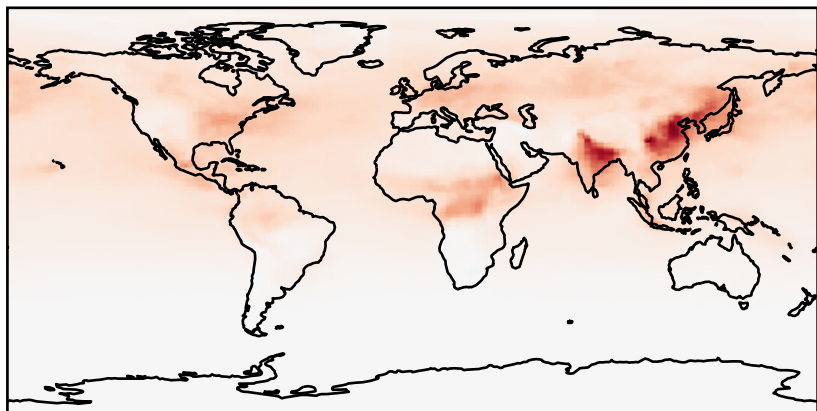Undefined throughout domain
unitless

Jval_IONO

GCHP_12.5.0 (Ref)
c48

GCHP_12.6.0 (Dev)
c48

Undefined throughout domain
s-1

0.000   0.001   0.002   0.003

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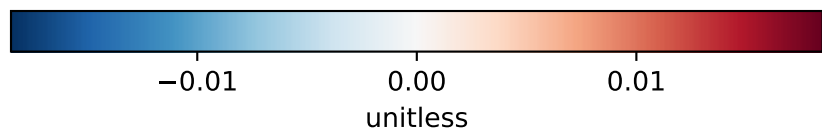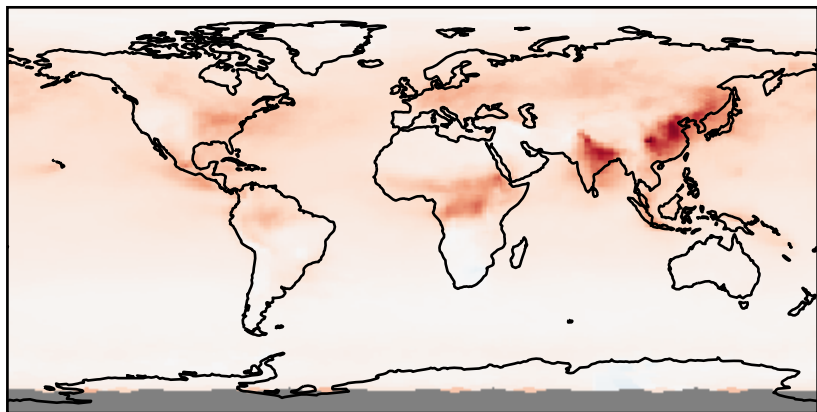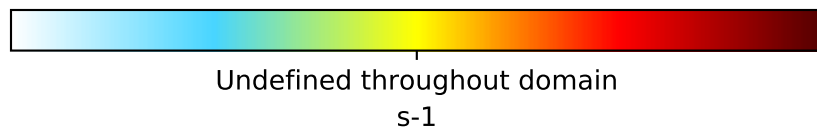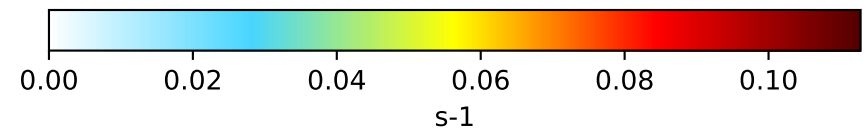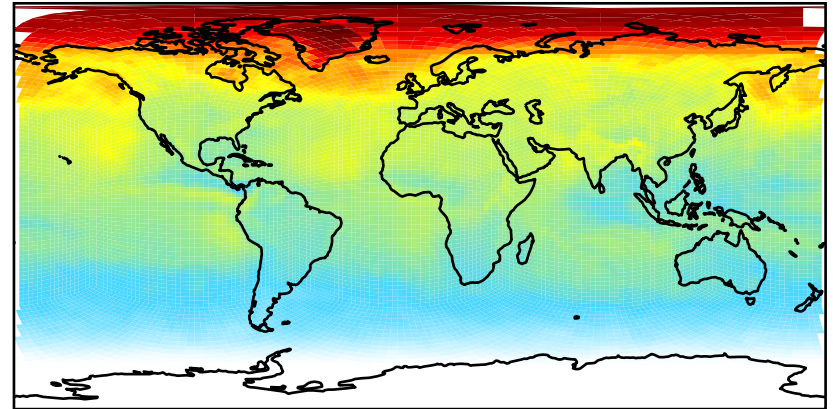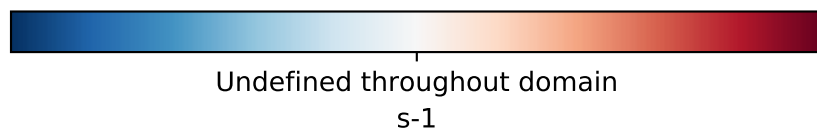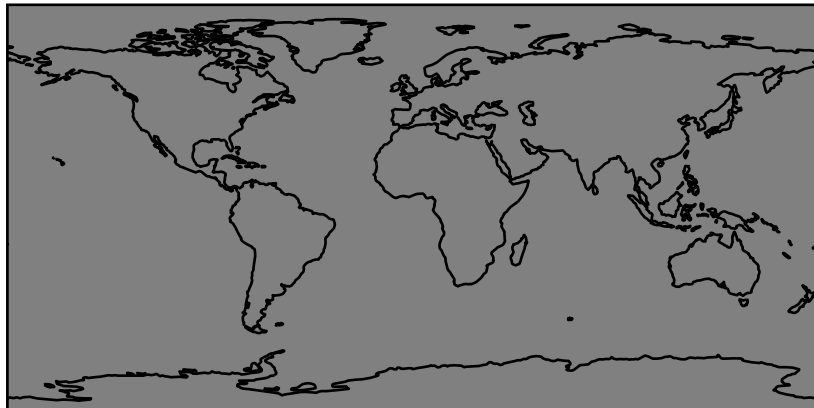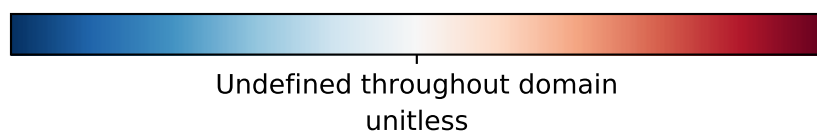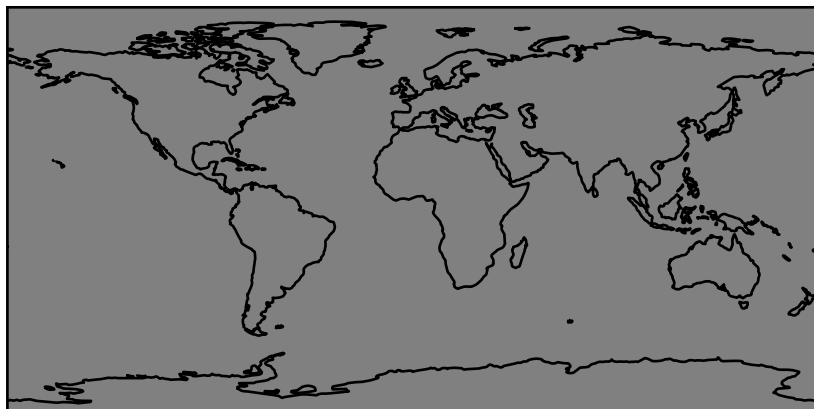
Difference (1x1.25)
Dev - Ref, Dynamic Range

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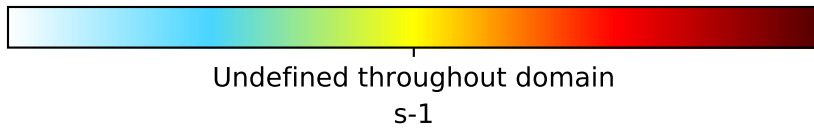Dev - Ref, Restricted Range [5%,95%]

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s-1

Undefined throughout domain
s-1

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

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

Undefined throughout domain
unitless

Undefined throughout domain
unitless

Jval_IONO2

Jval_IPMN

Jval_ISN1

Jval_ISNP

GCHP_12.5.0 (Ref)
c48

GCHP_12.6.0 (Dev)
c48

s-1

s-1

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

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

s-1

s-1

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

Fractional Difference (1x1.25)
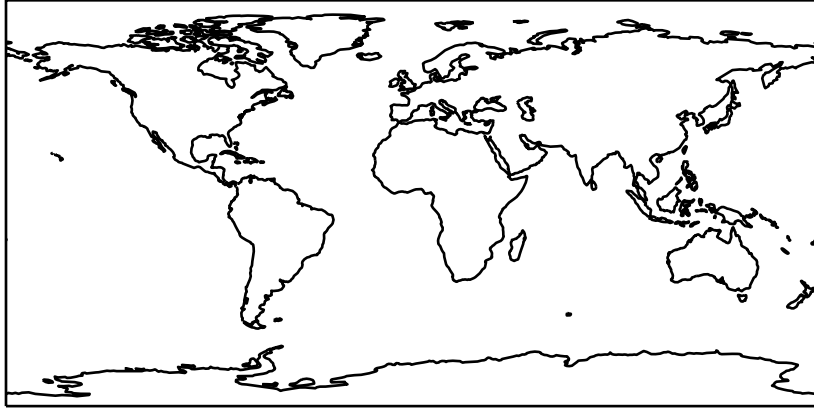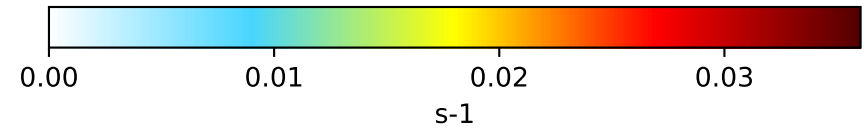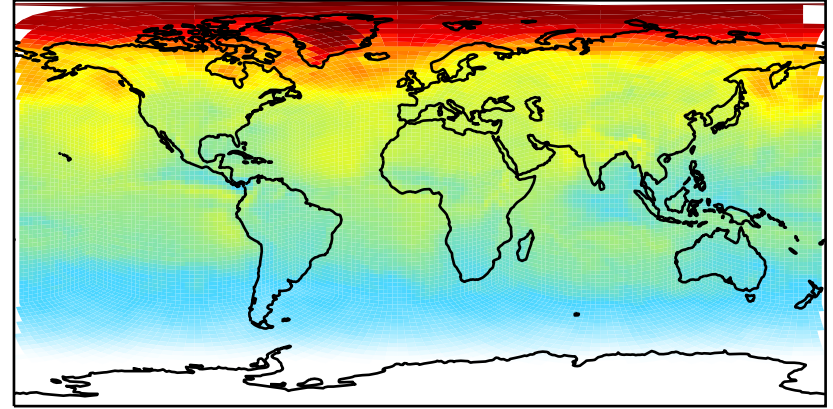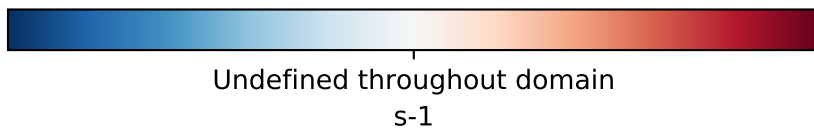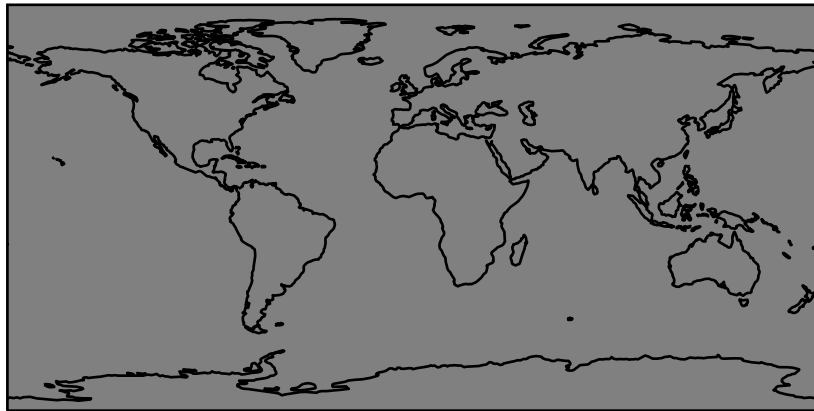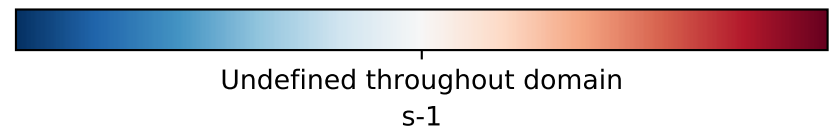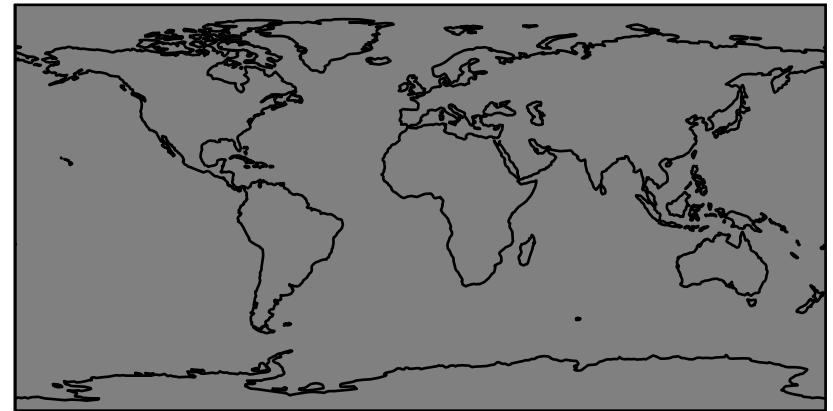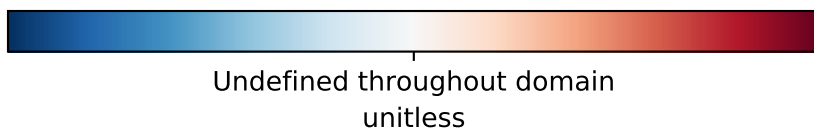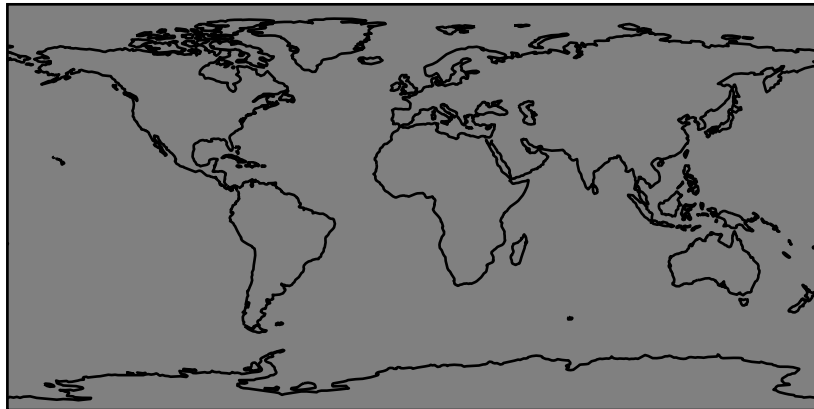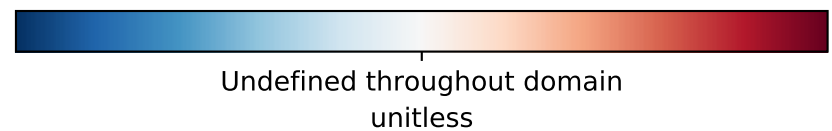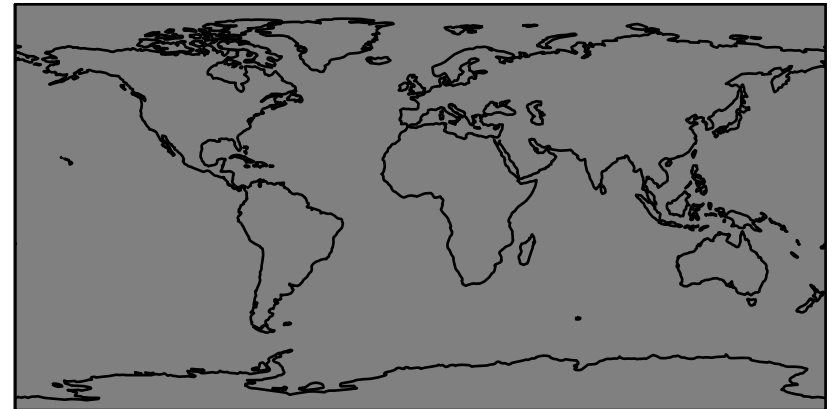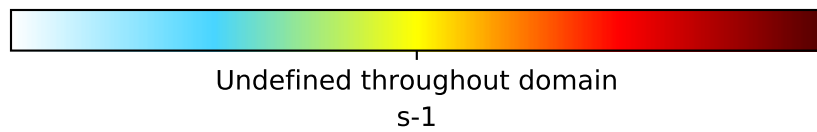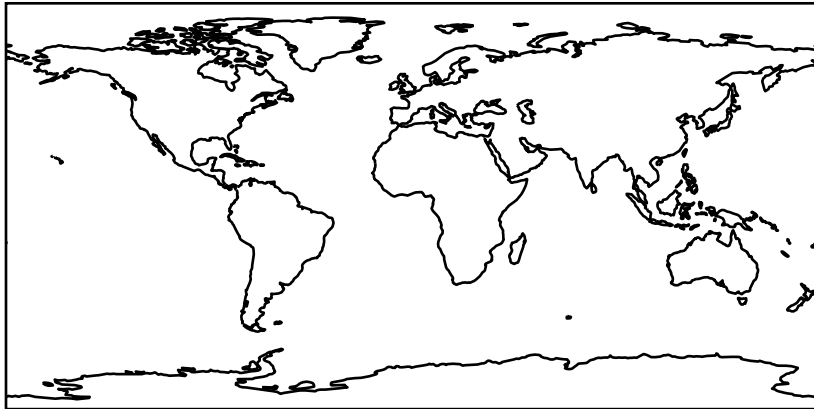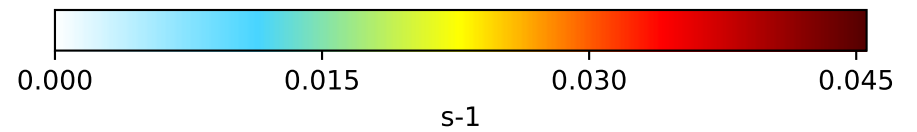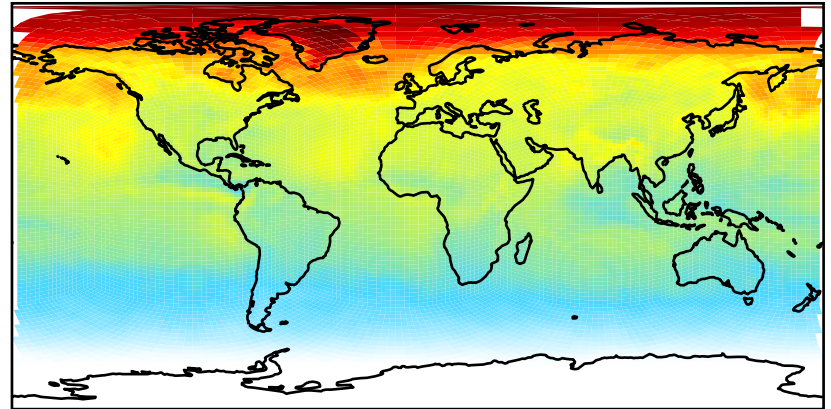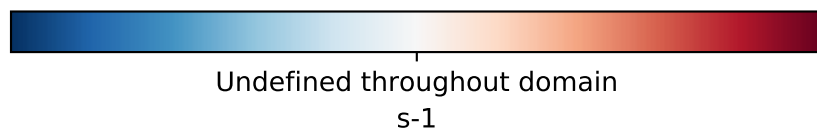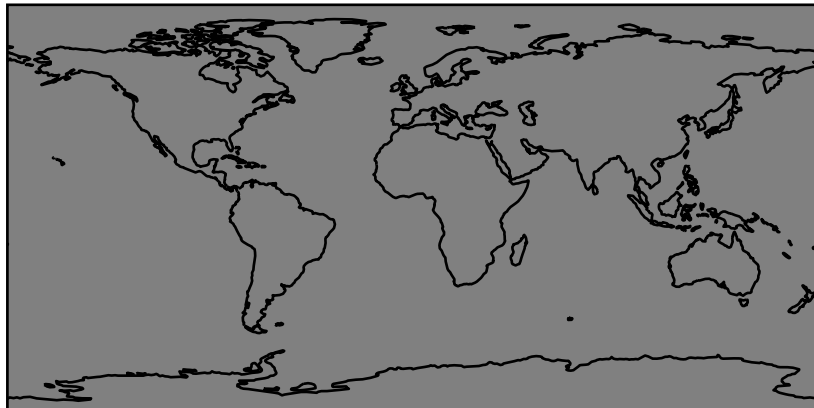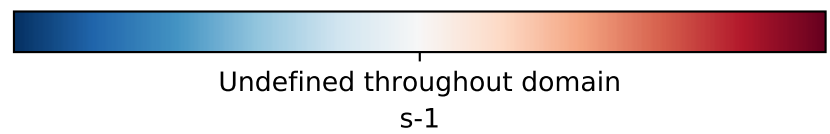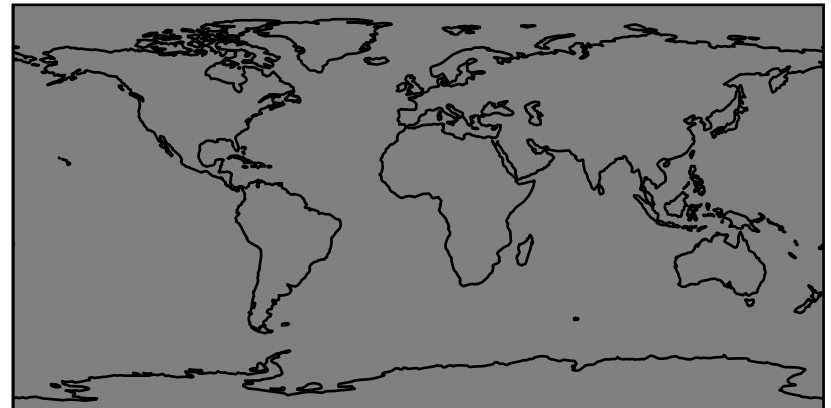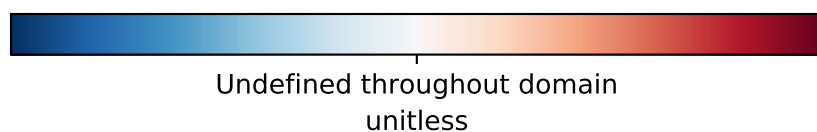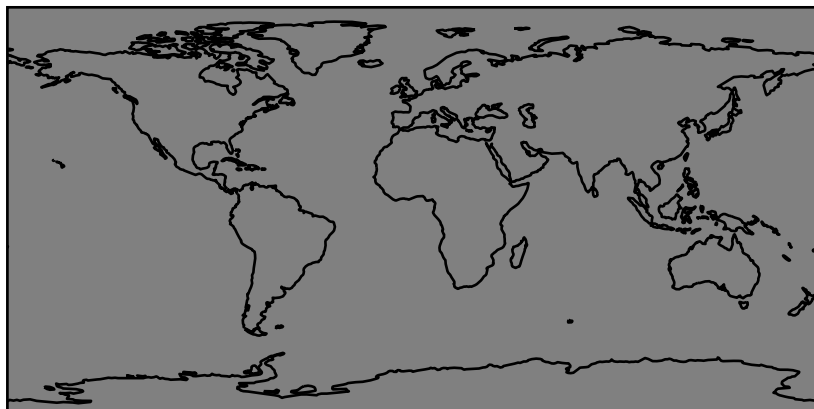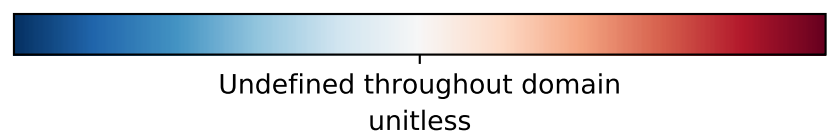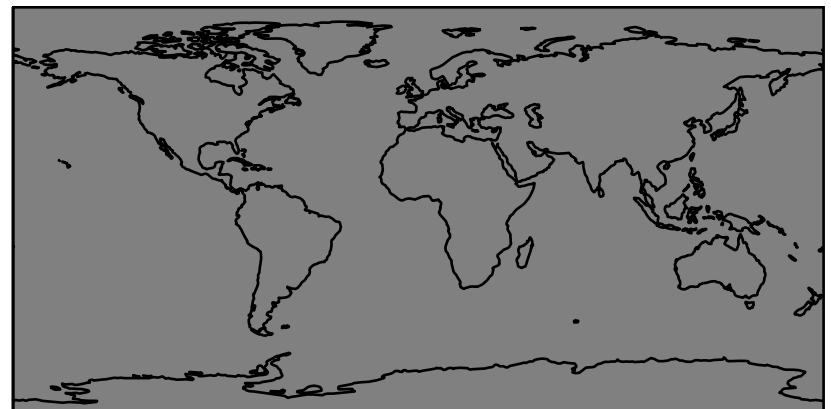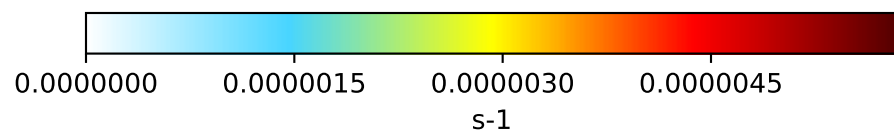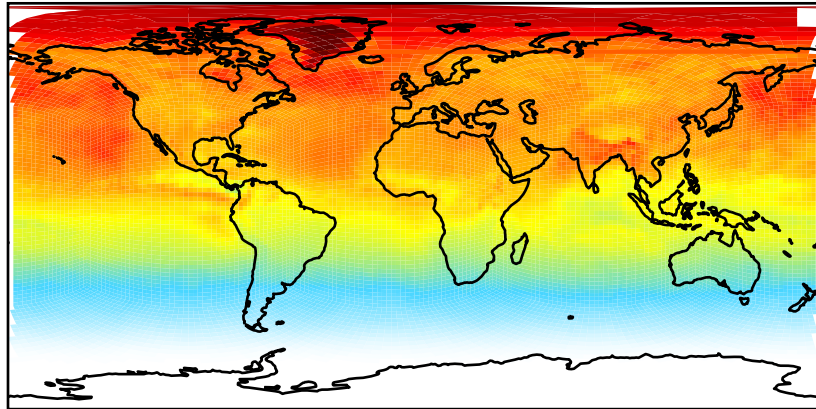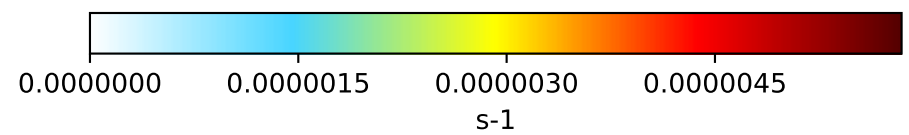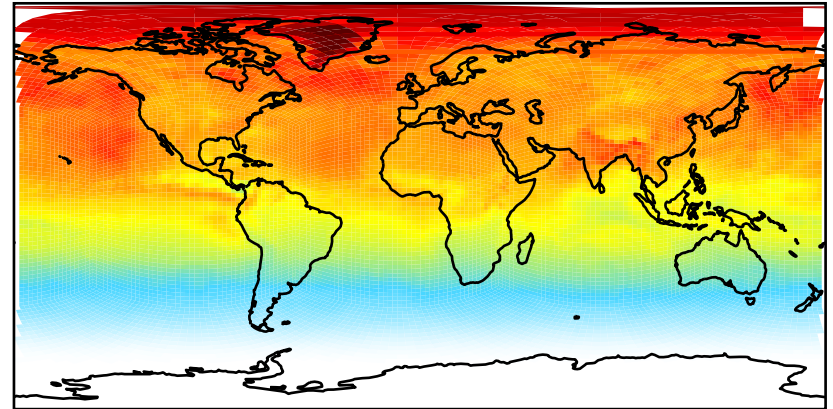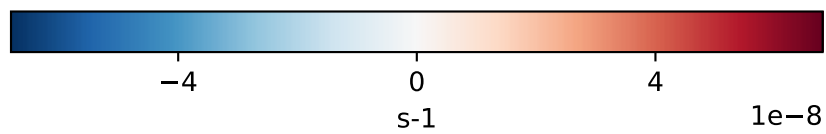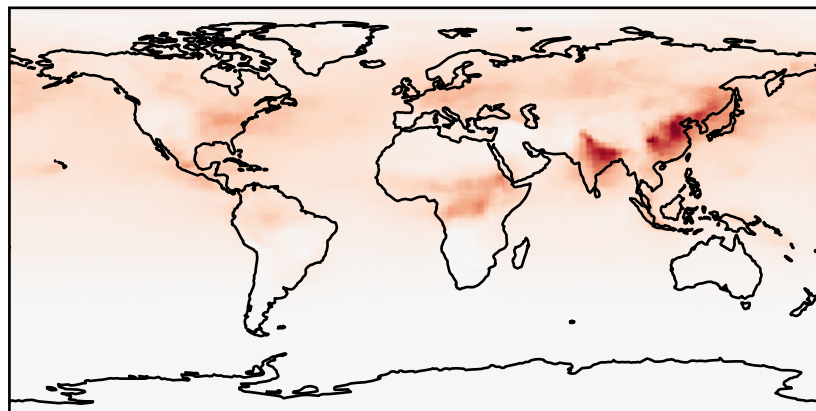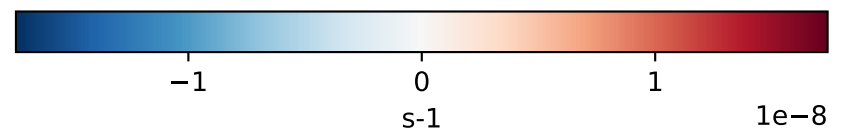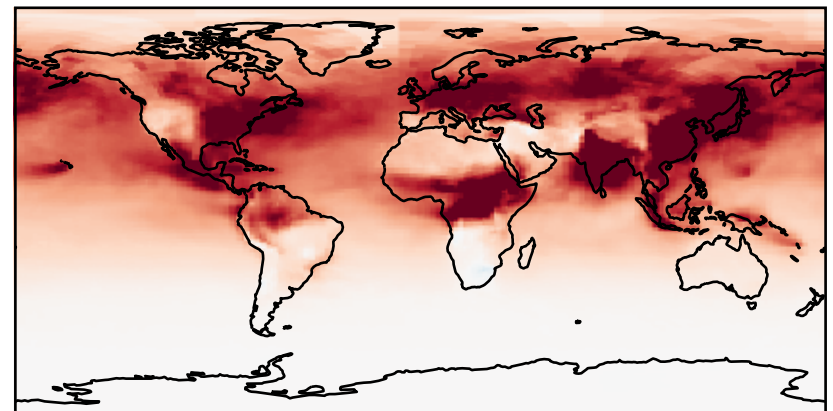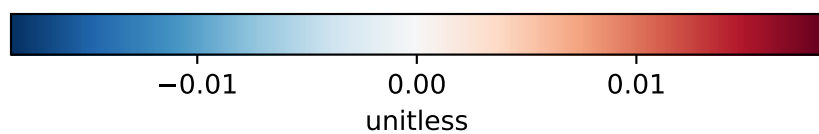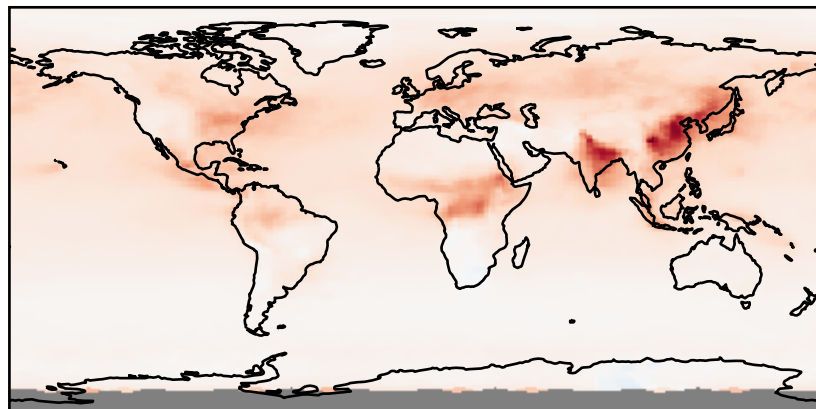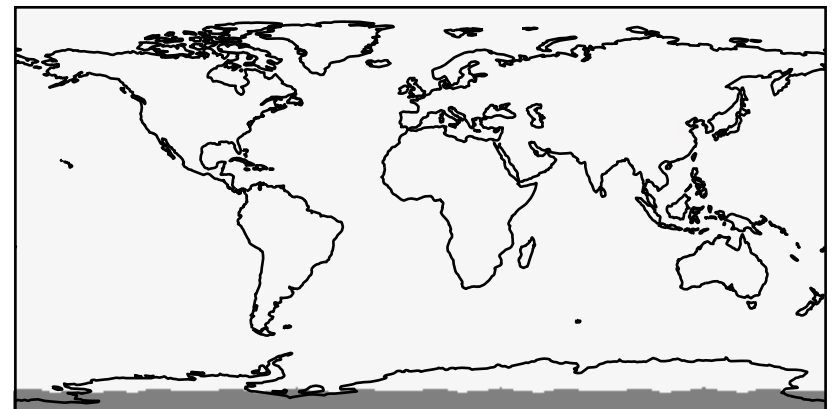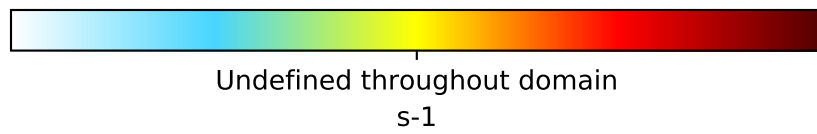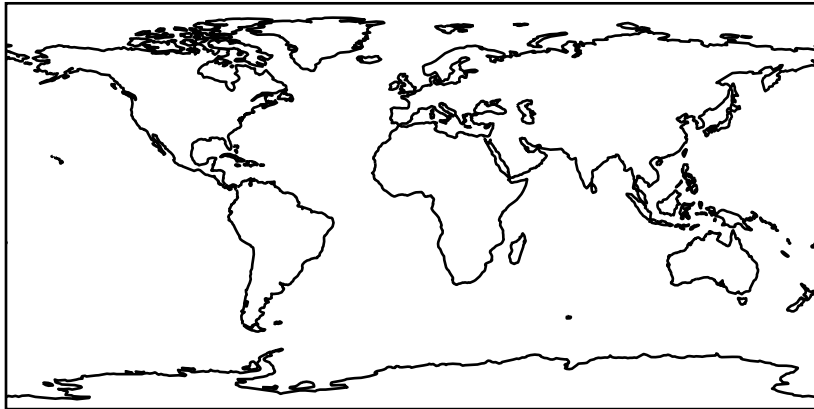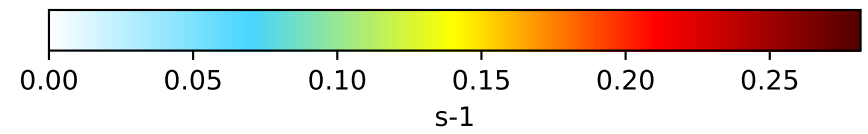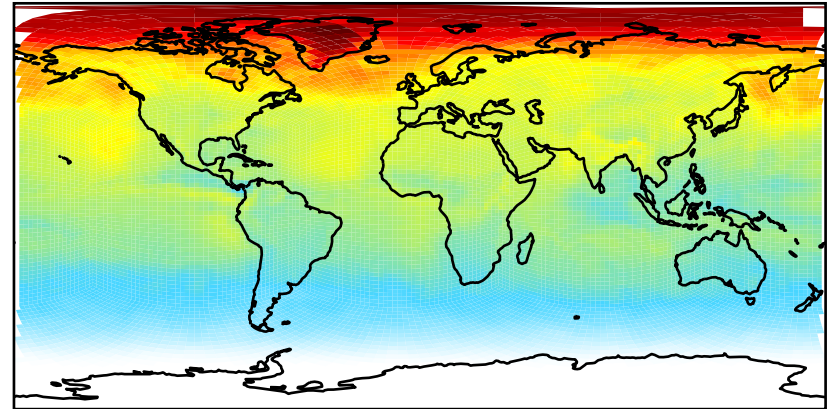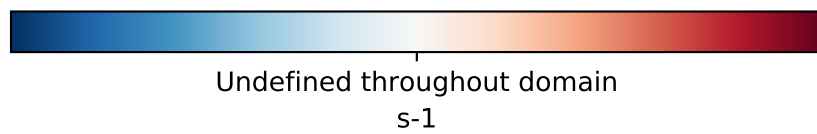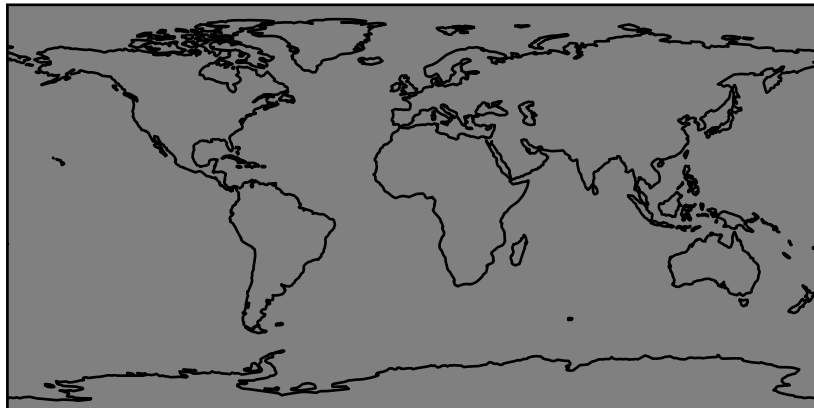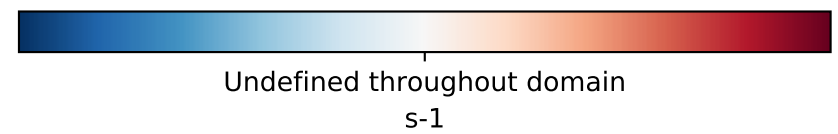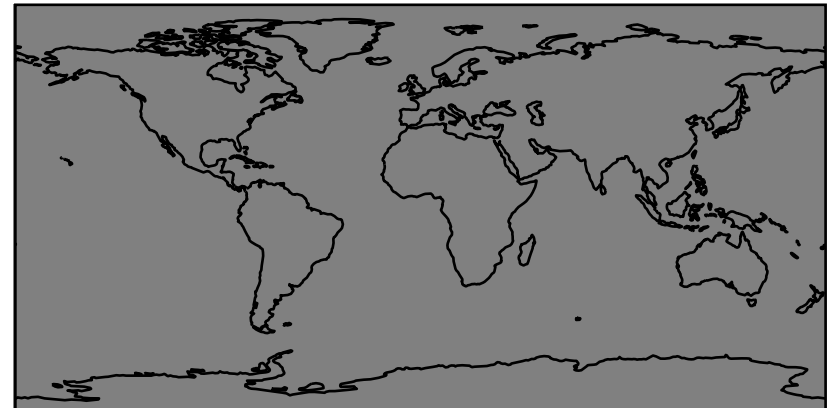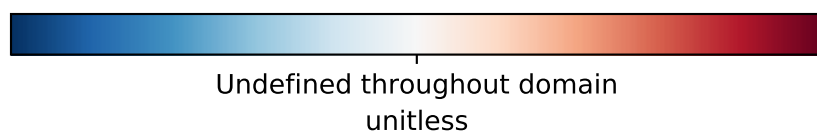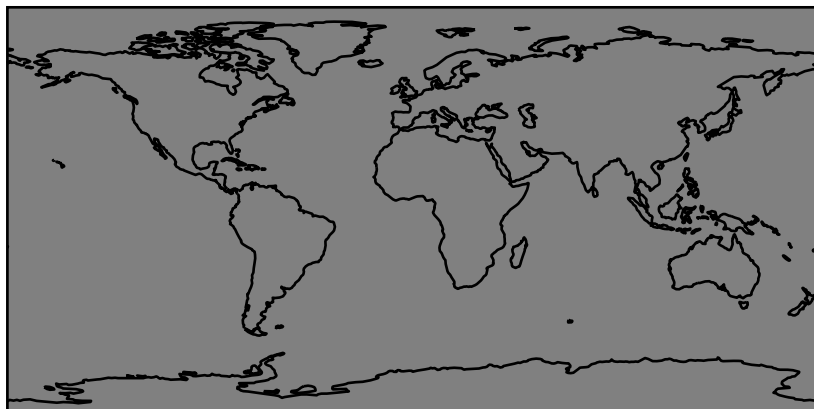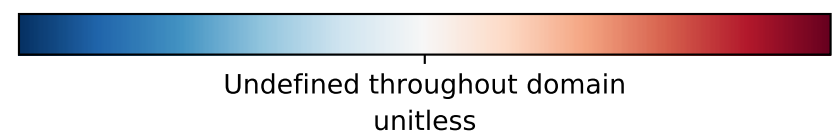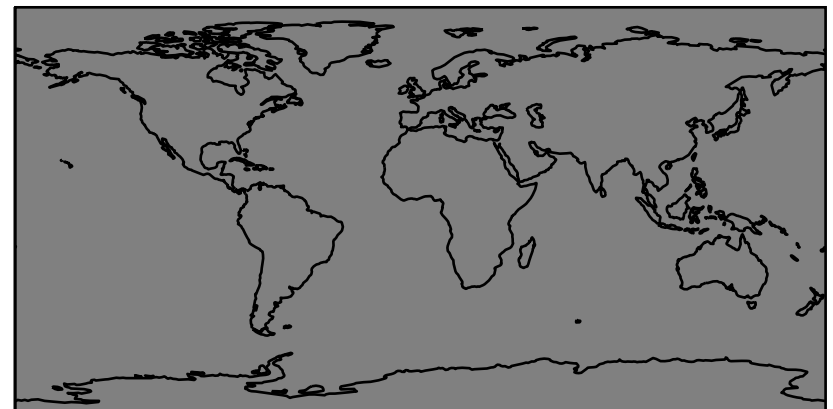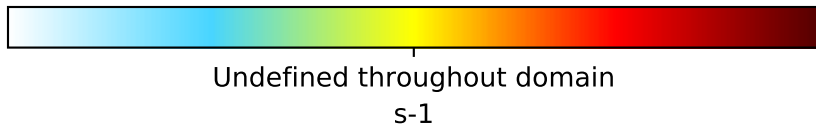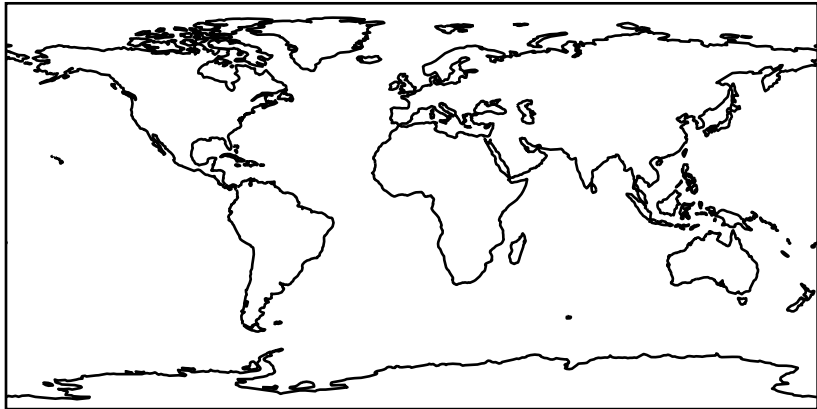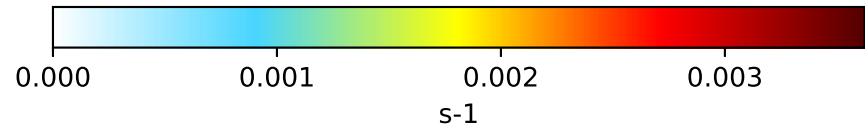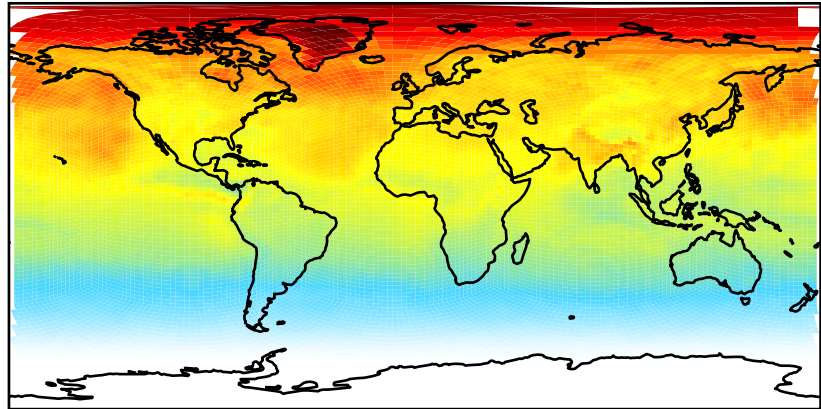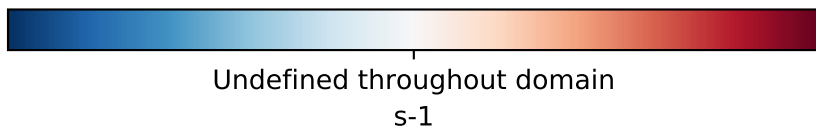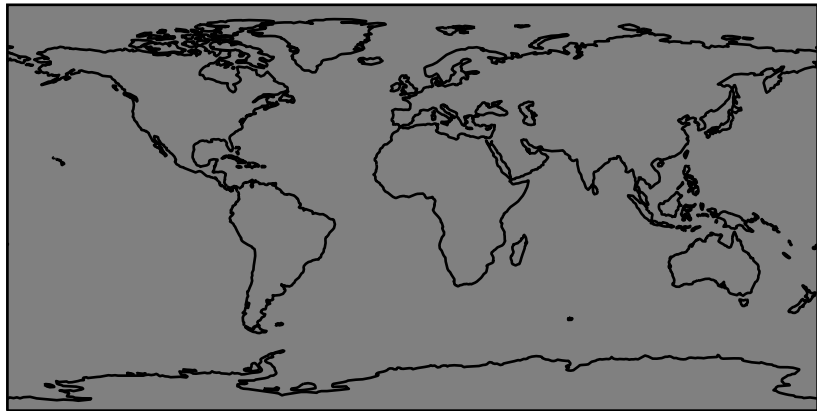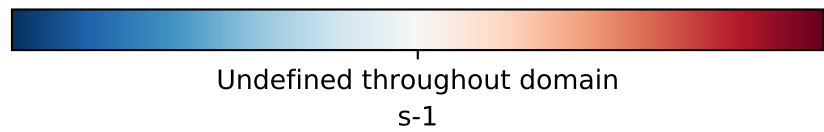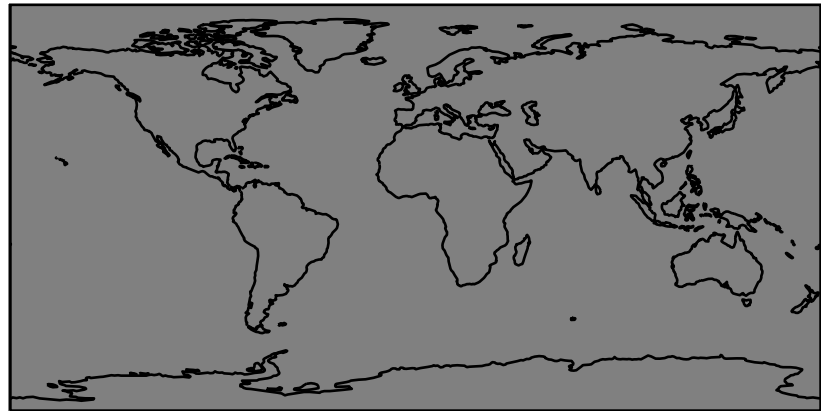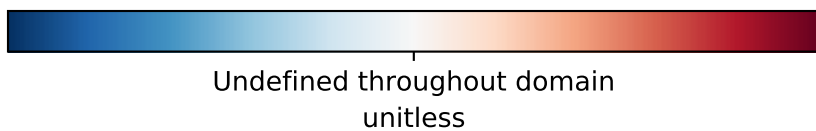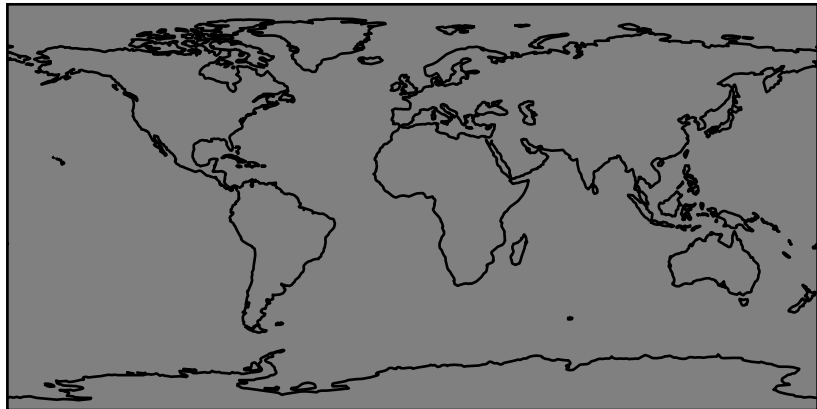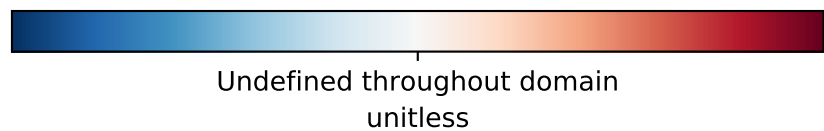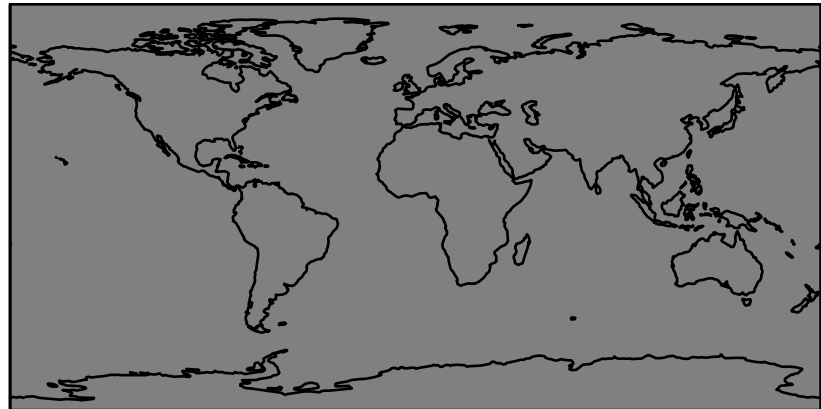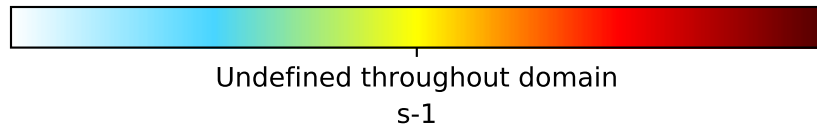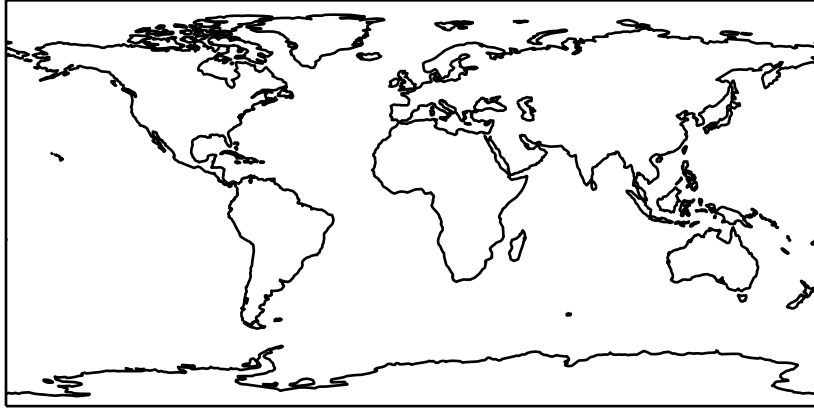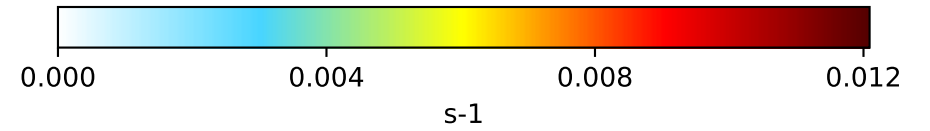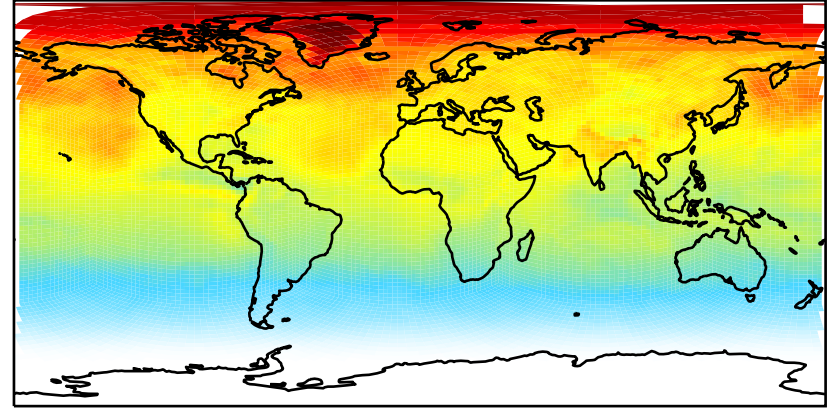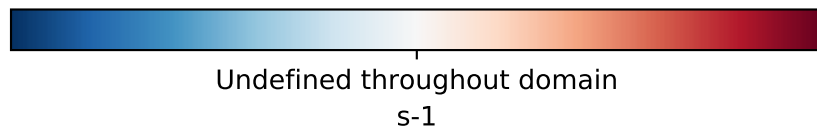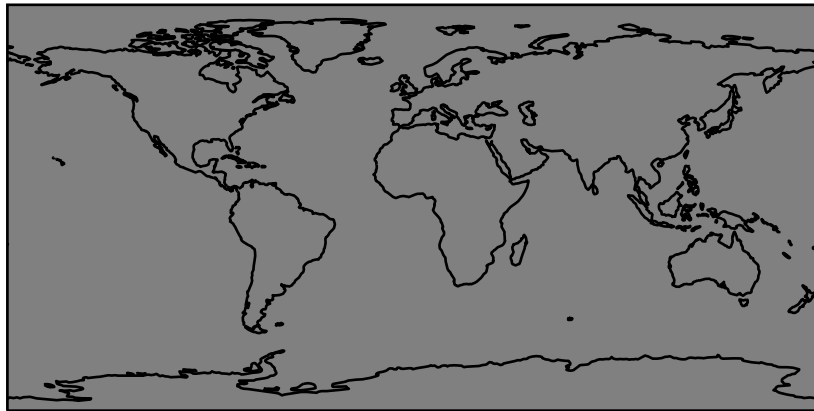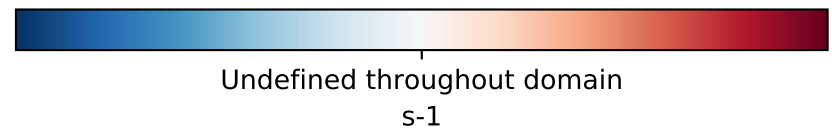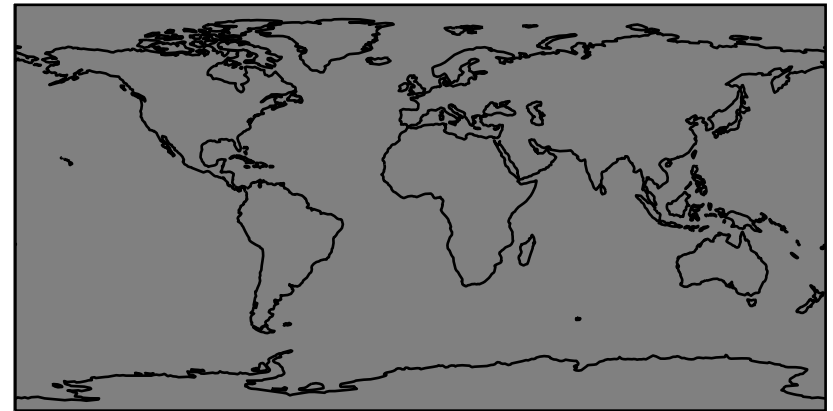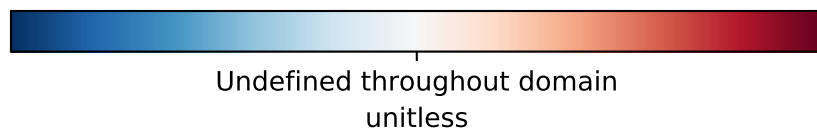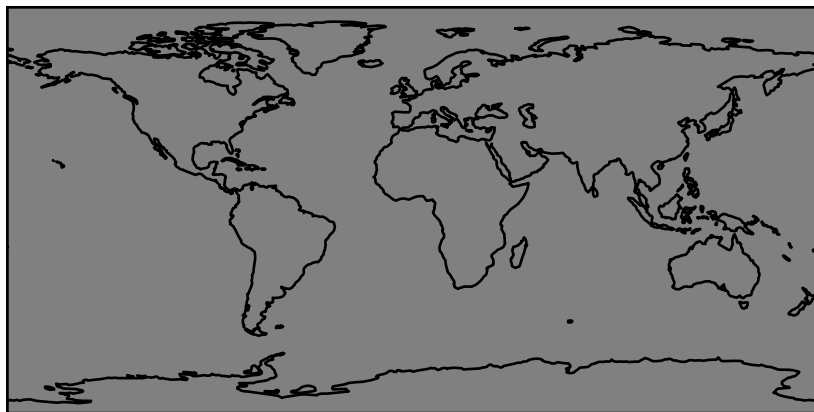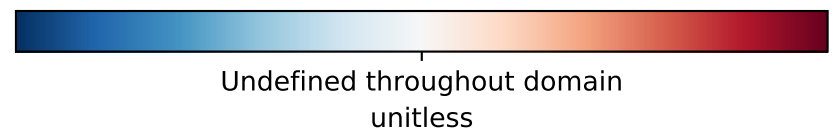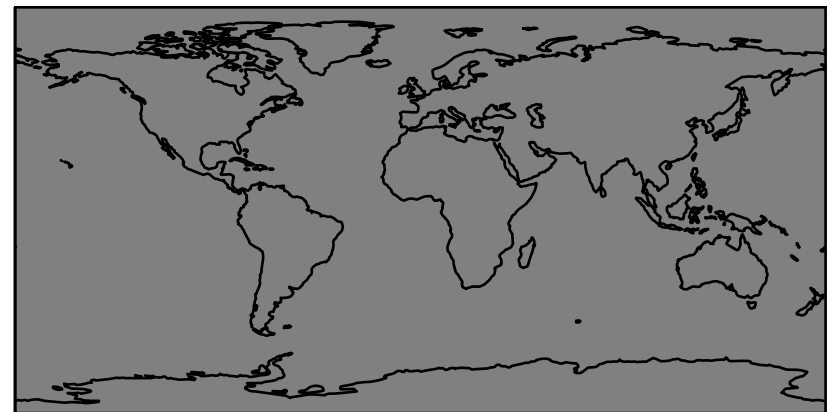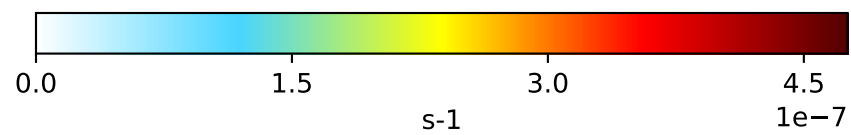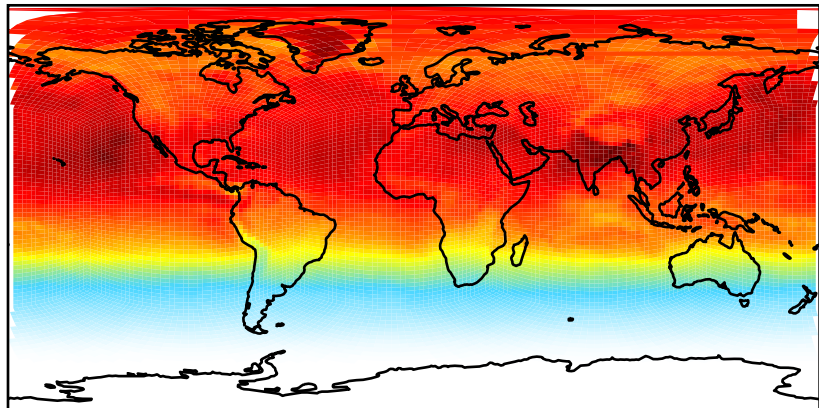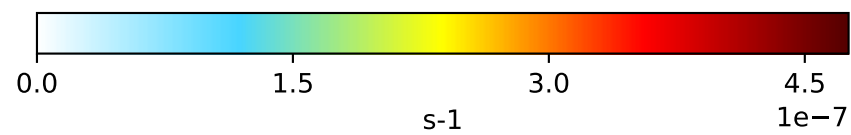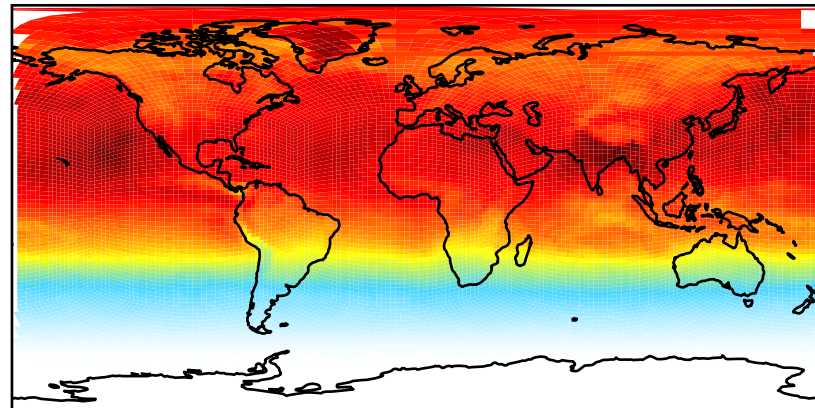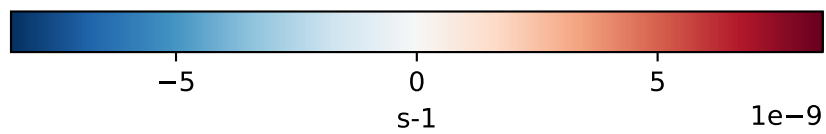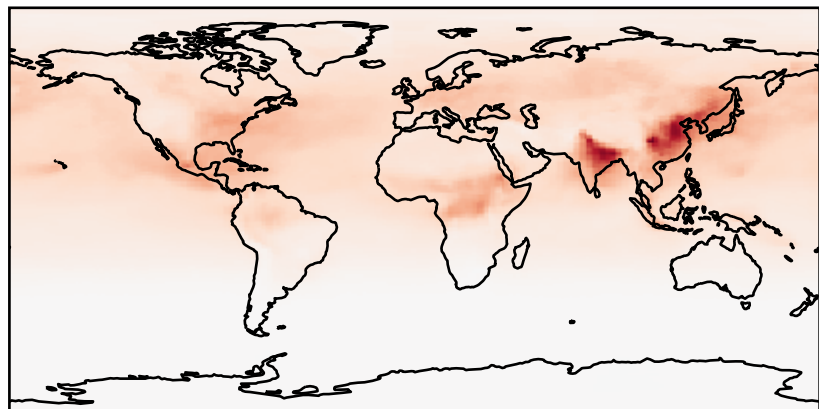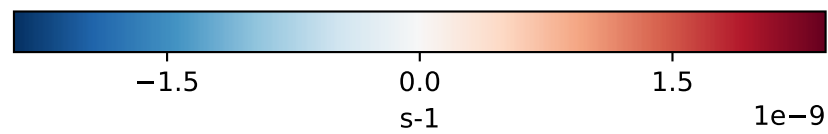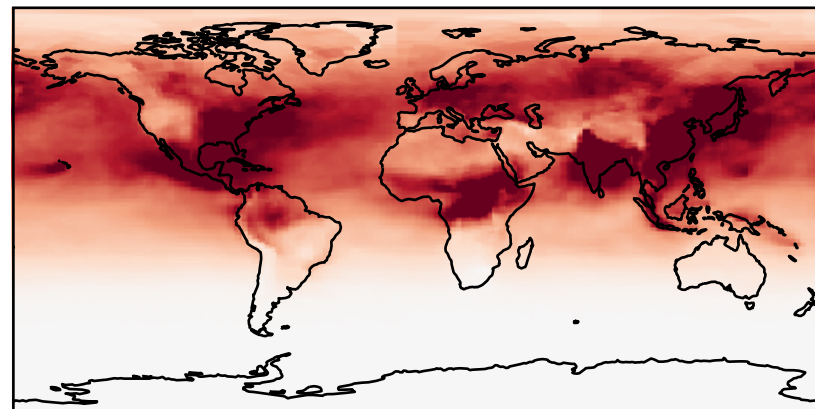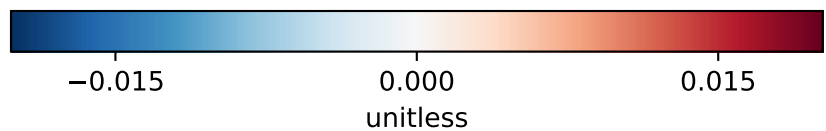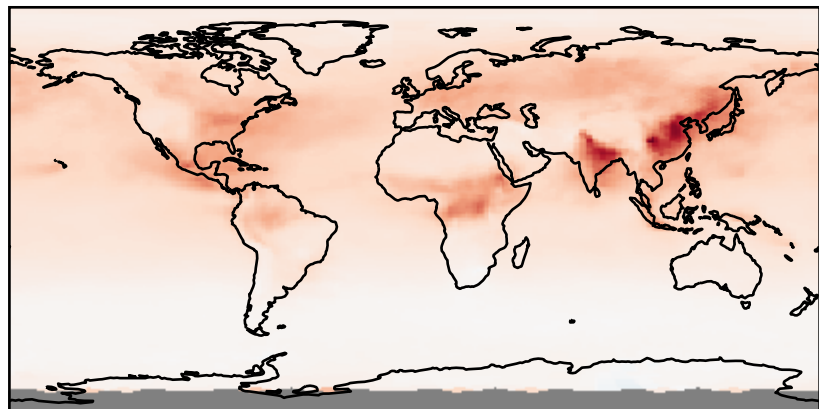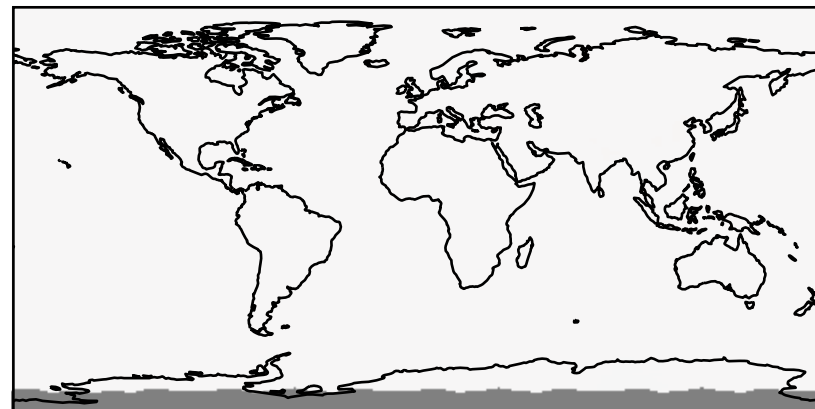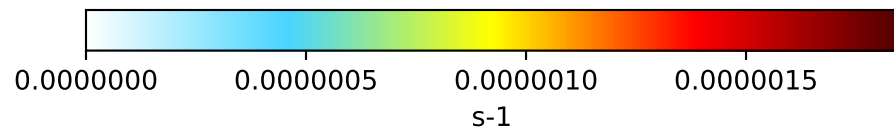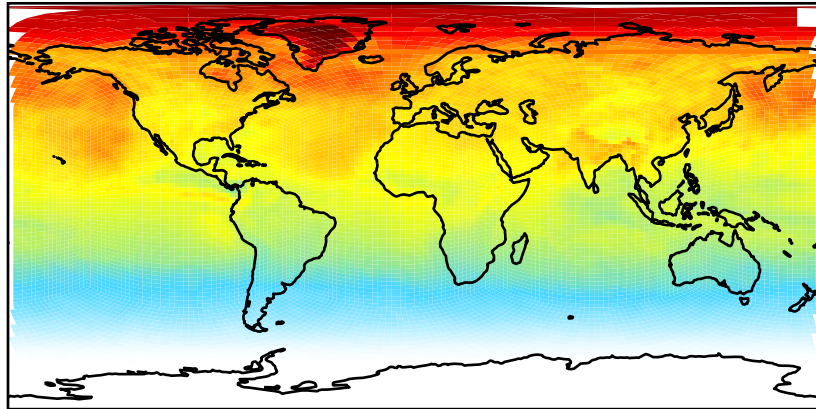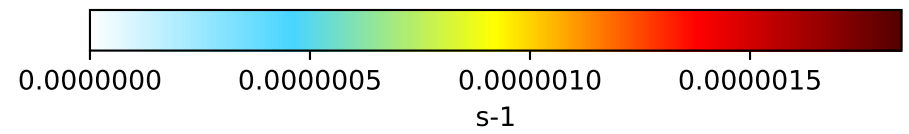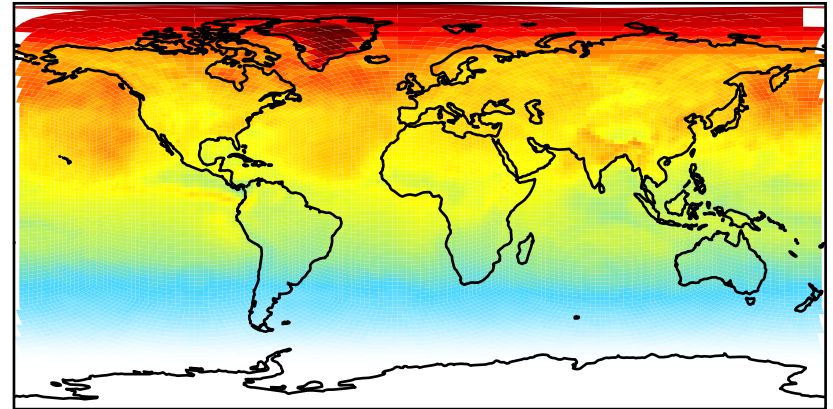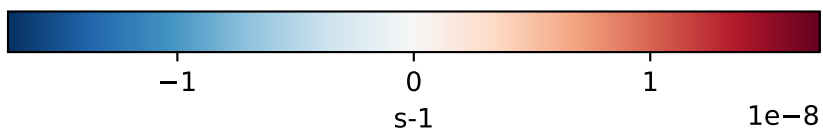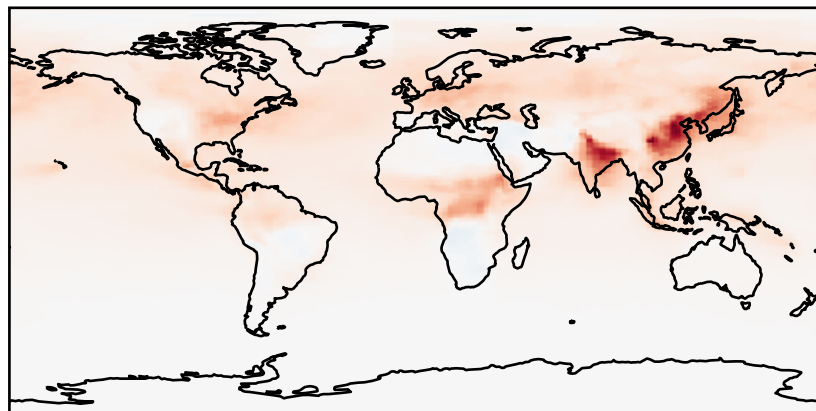(Dev-Ref)/Ref, Fixed Range

unitless

unitless

Jval_ISOPNB

Jval_ISOPND

Jval_MACR

Jval_MACRN

Jval_MAOP

Jval_MAP

Jval_MEK

Jval_MGLY

Jval_MONITS

Jval_MONITU

Jval_MP
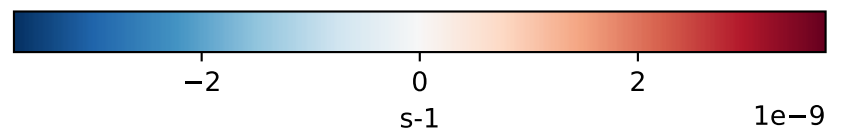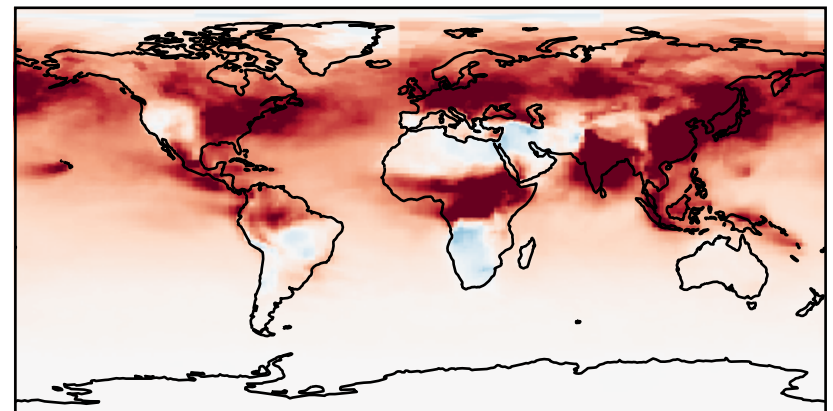
Jval_MPN

Jval_MRP

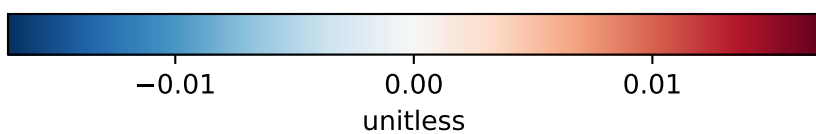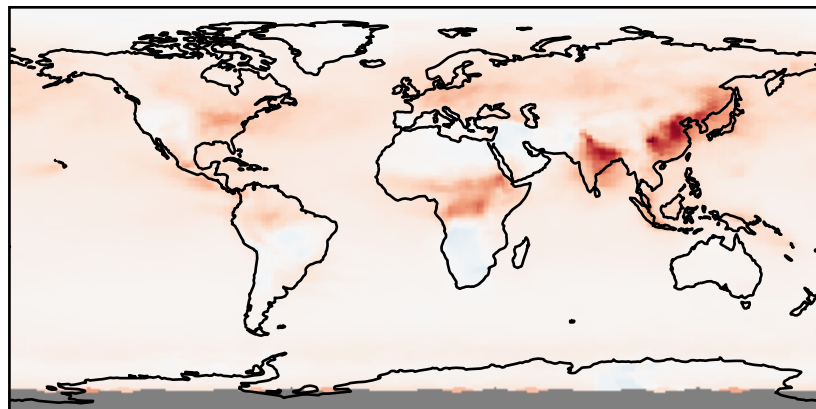# Jval_MVK

GCHP_12.5.0 (Ref)
c48

GCHP_12.6.0 (Dev)
c48

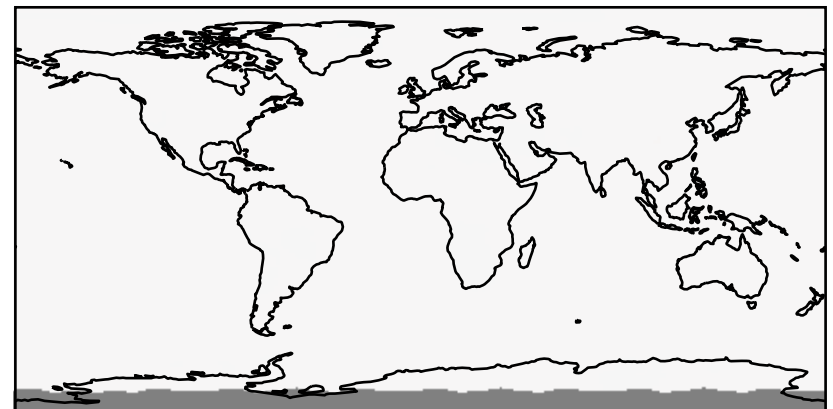Difference (1x1.25)
Dev - Ref, Dynamic Range

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

Fractional Difference (1x1.25)
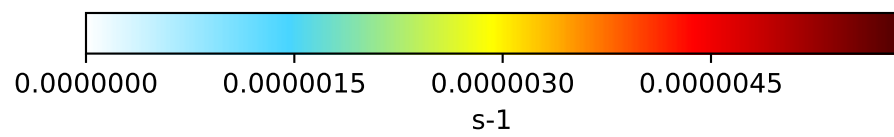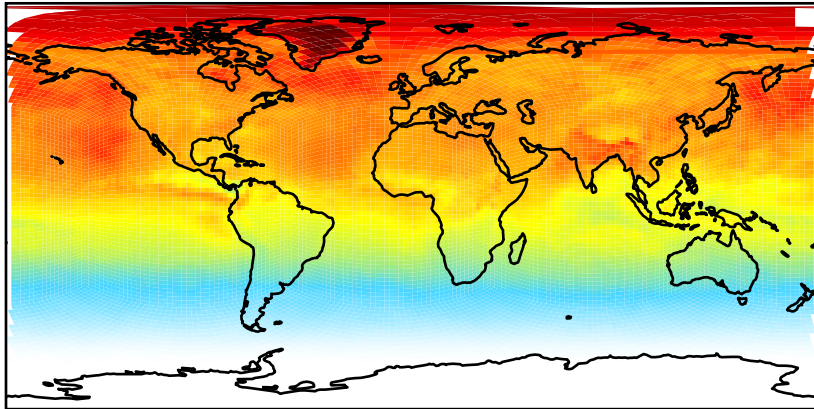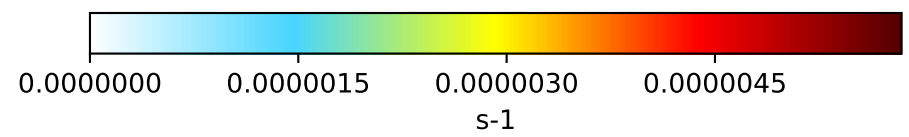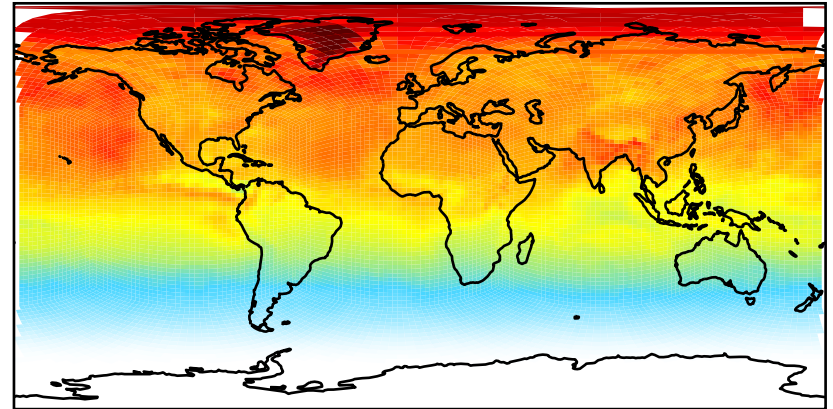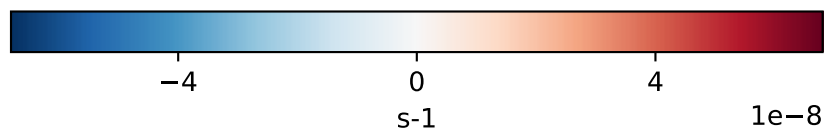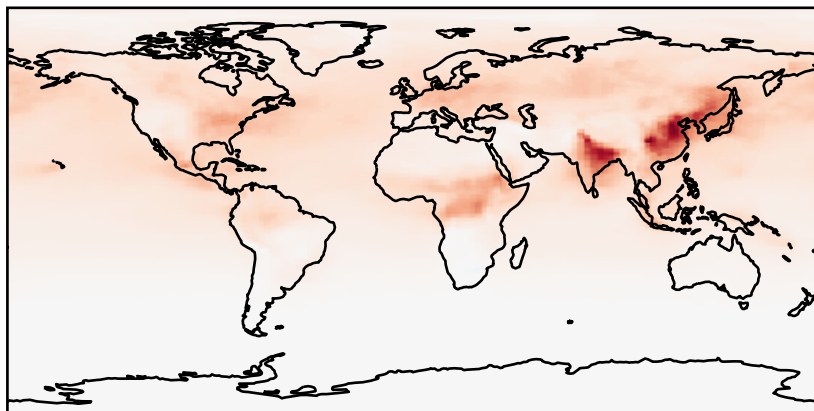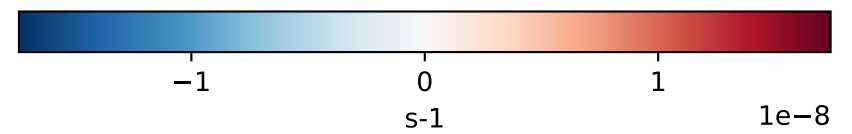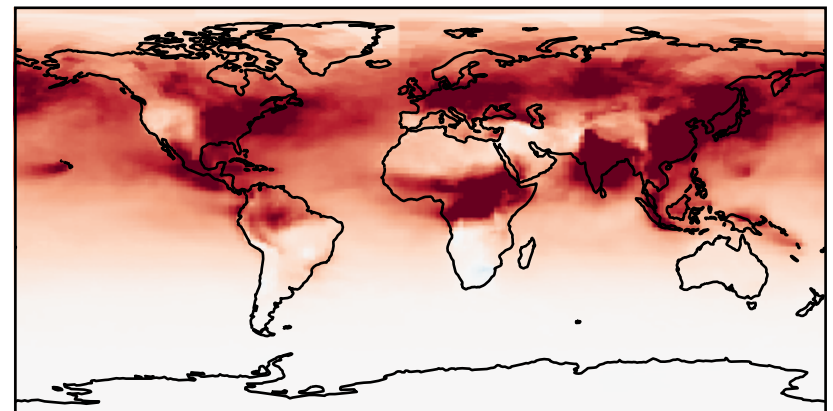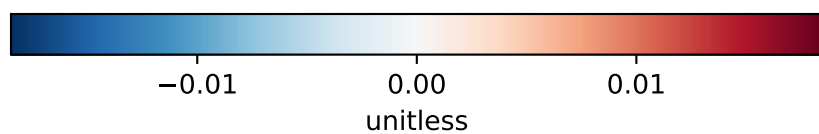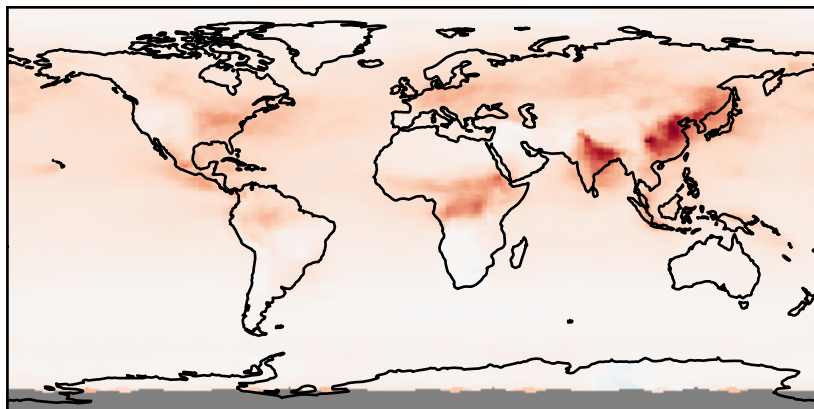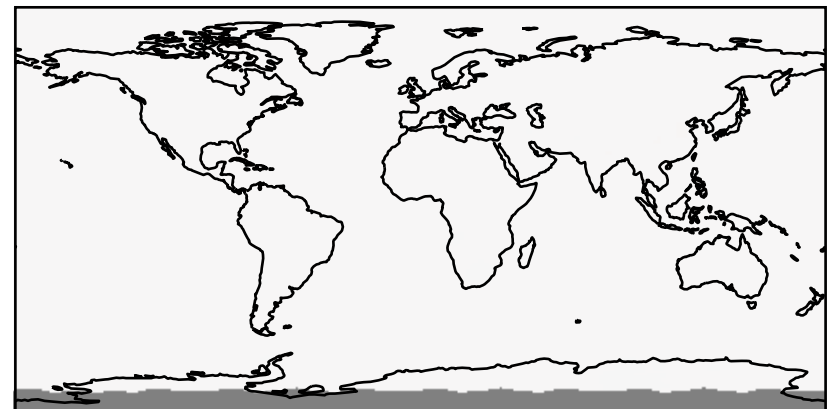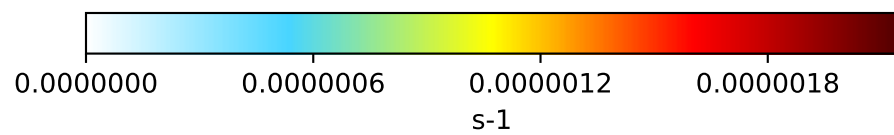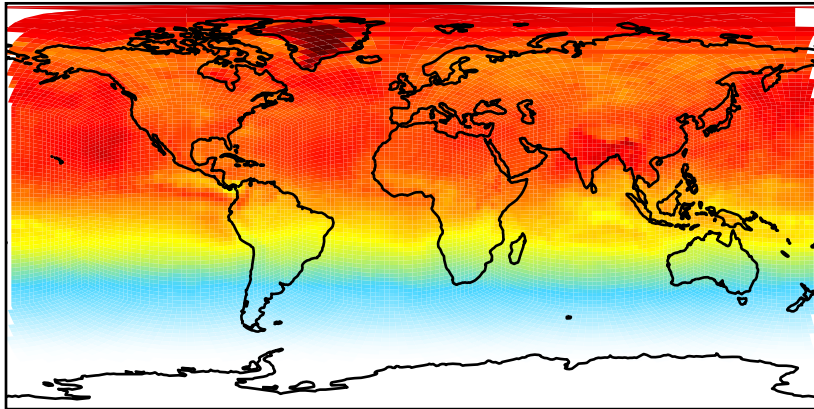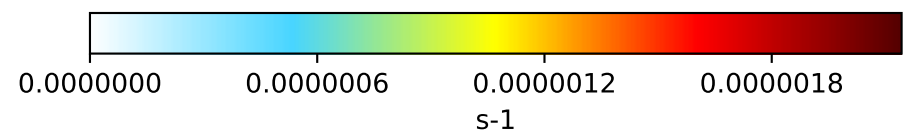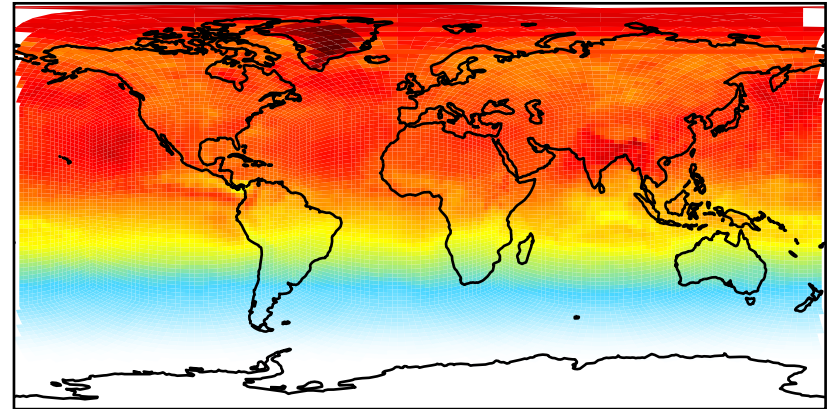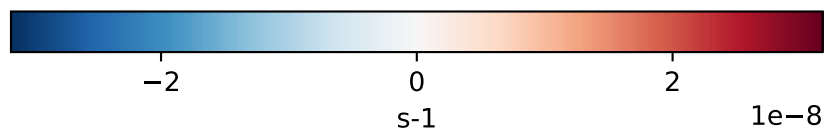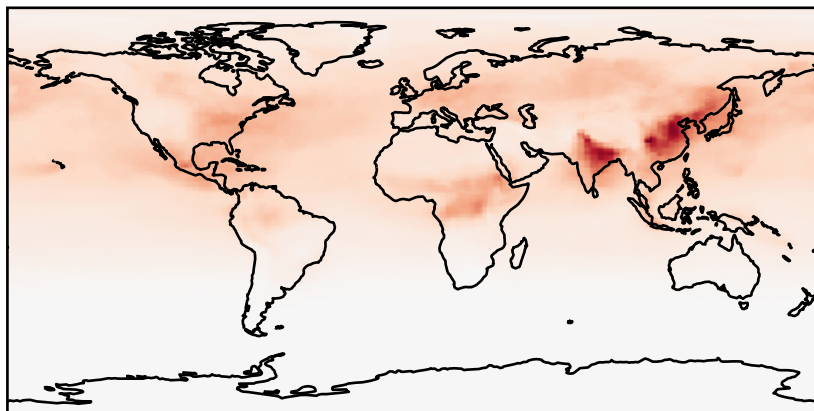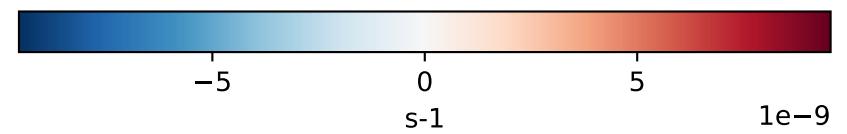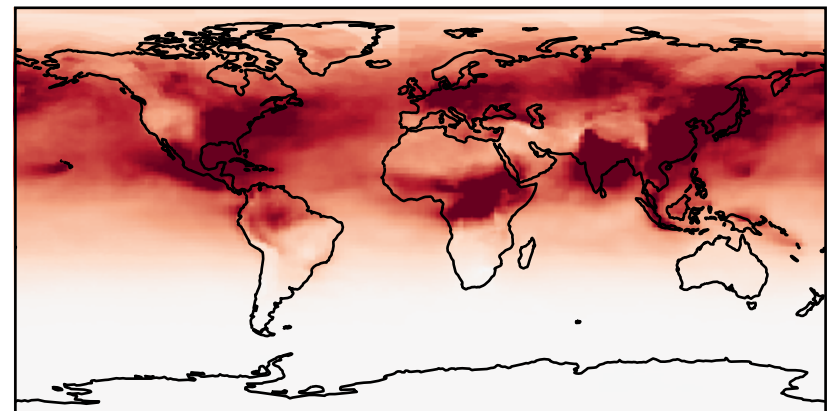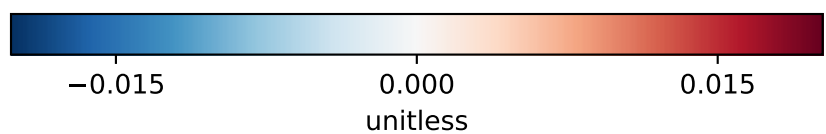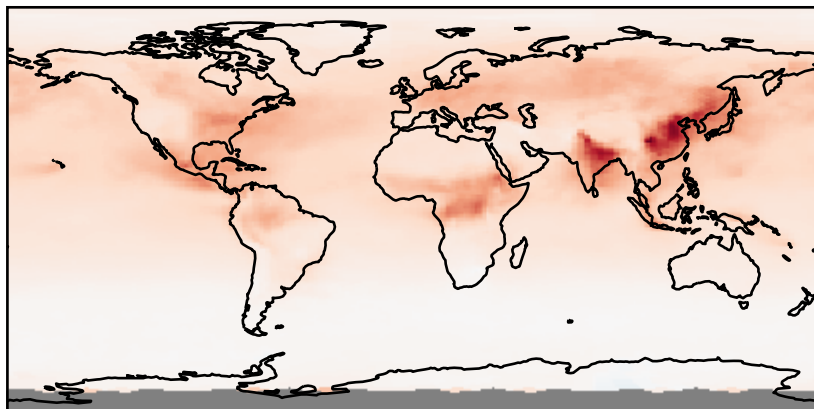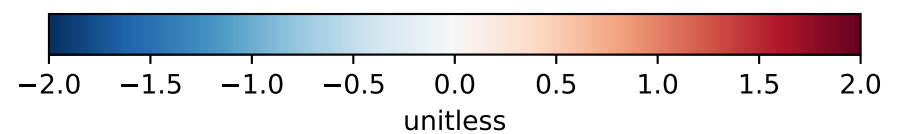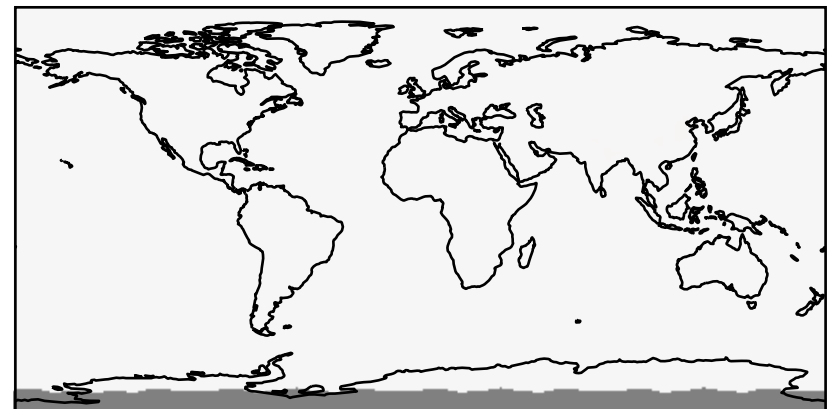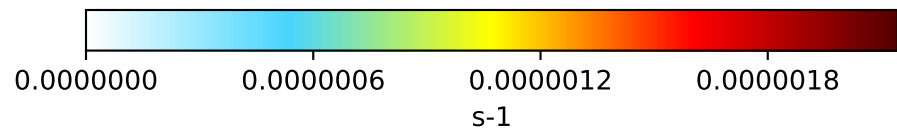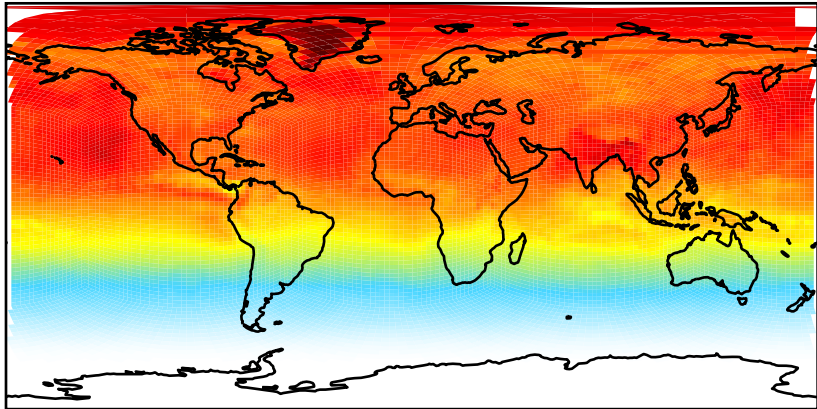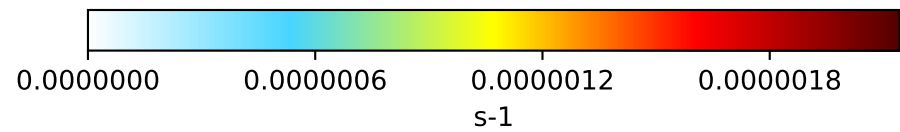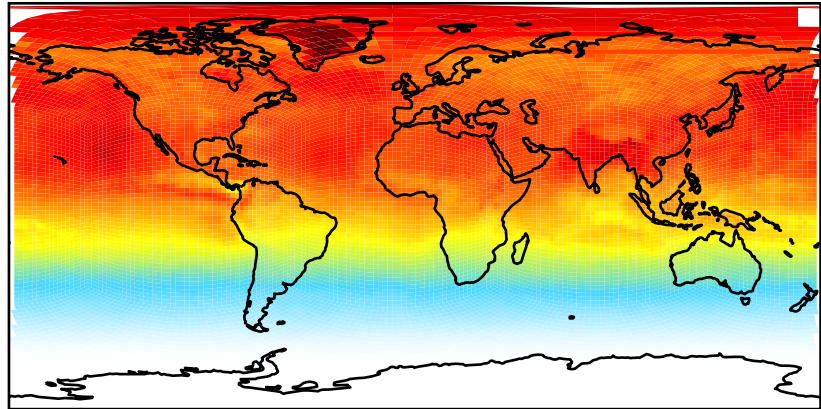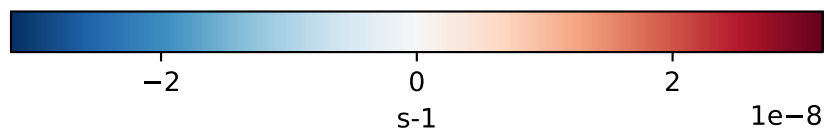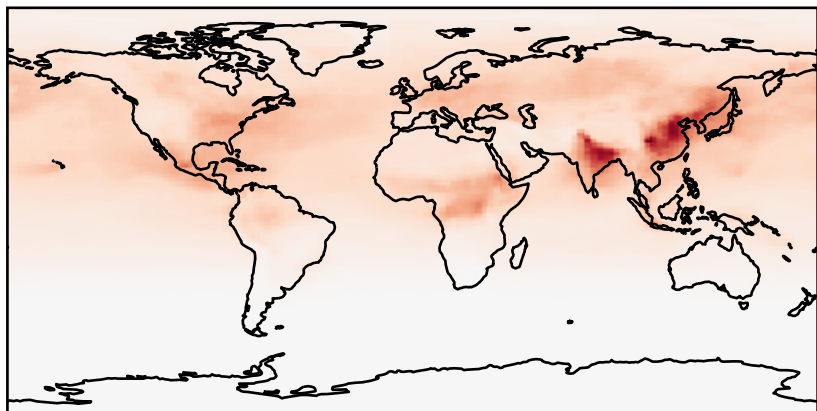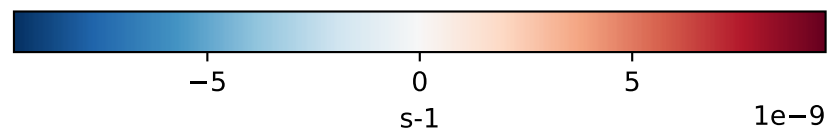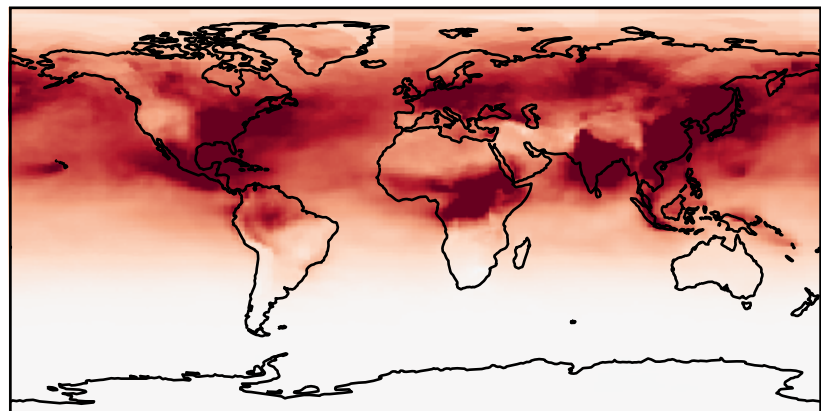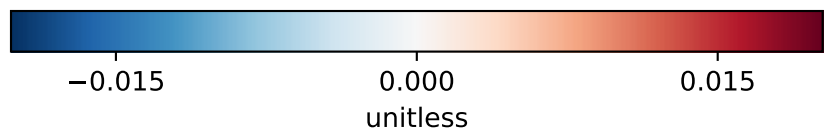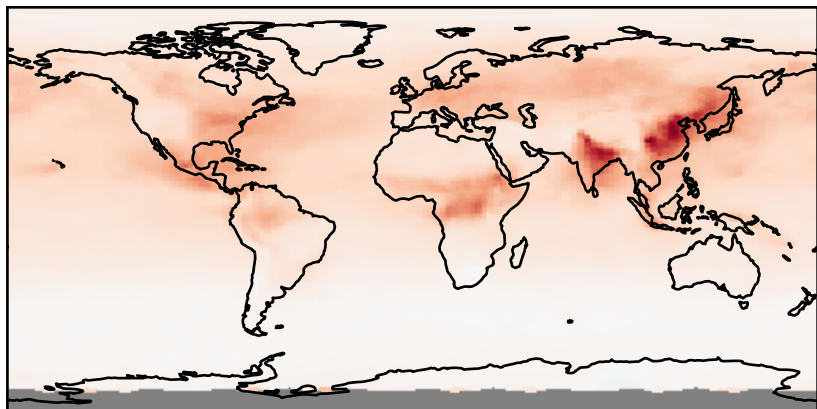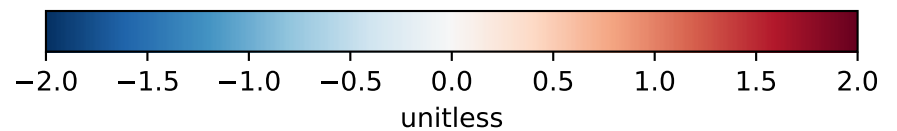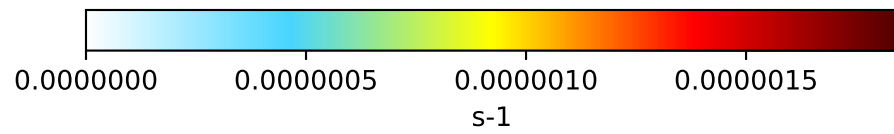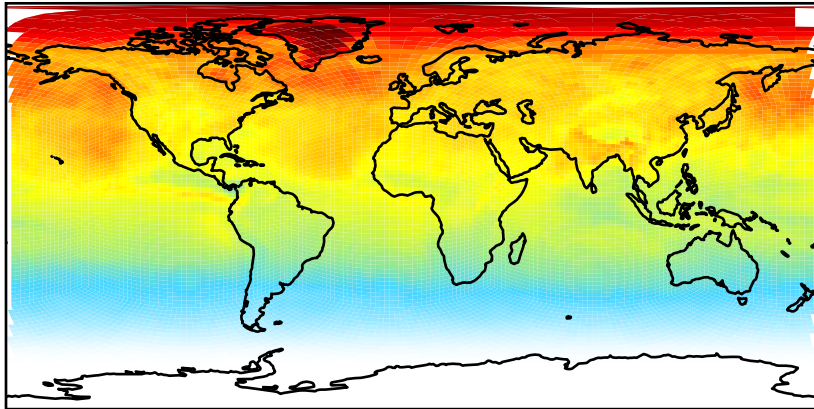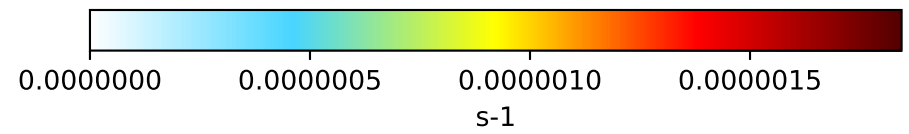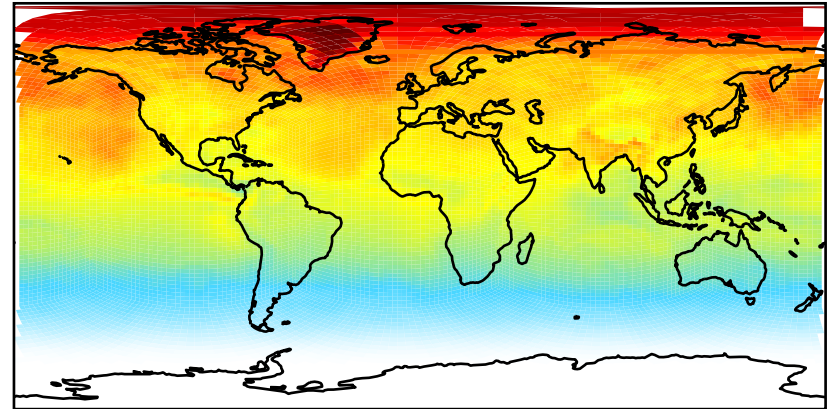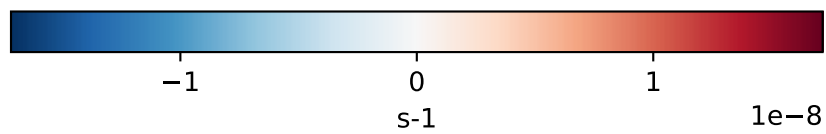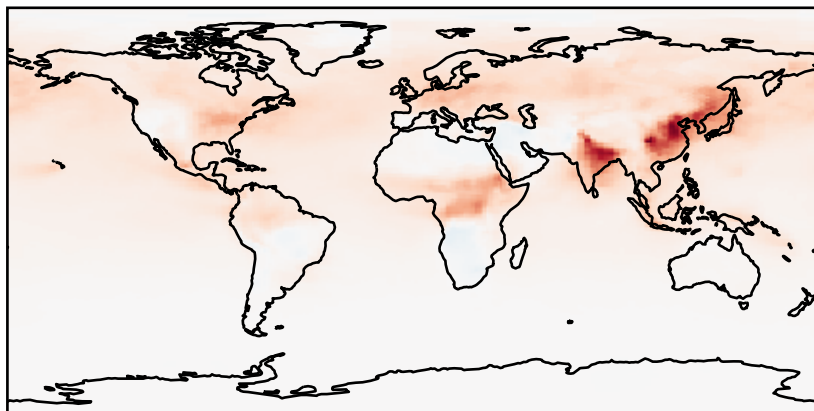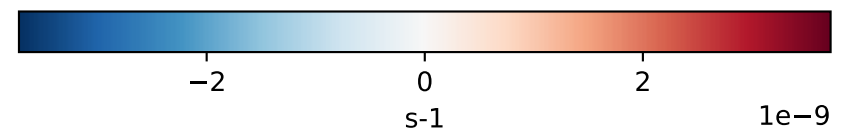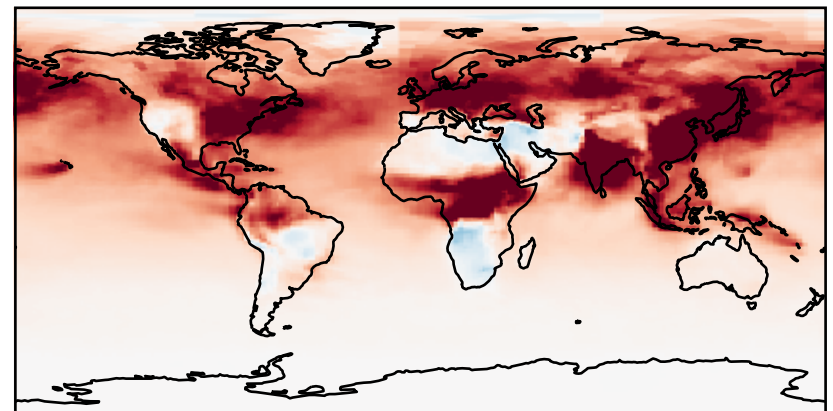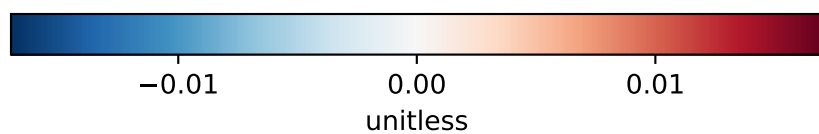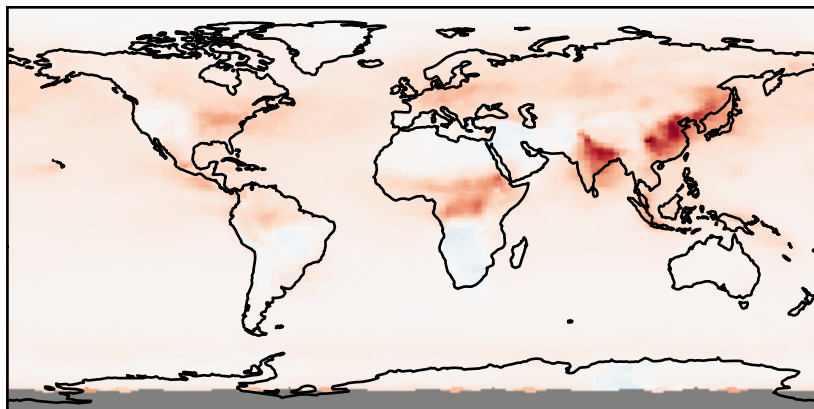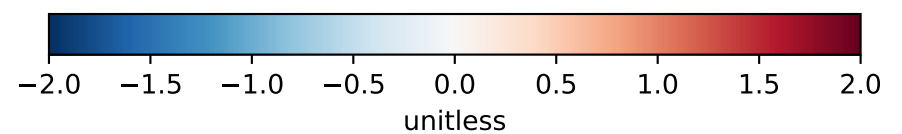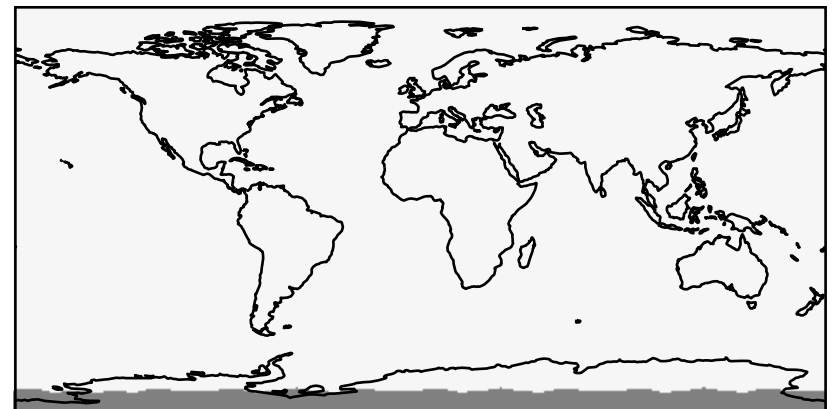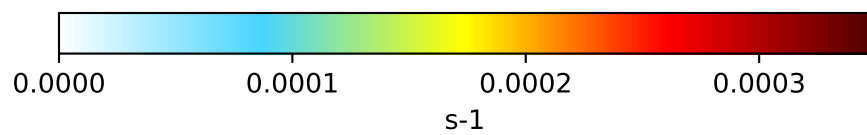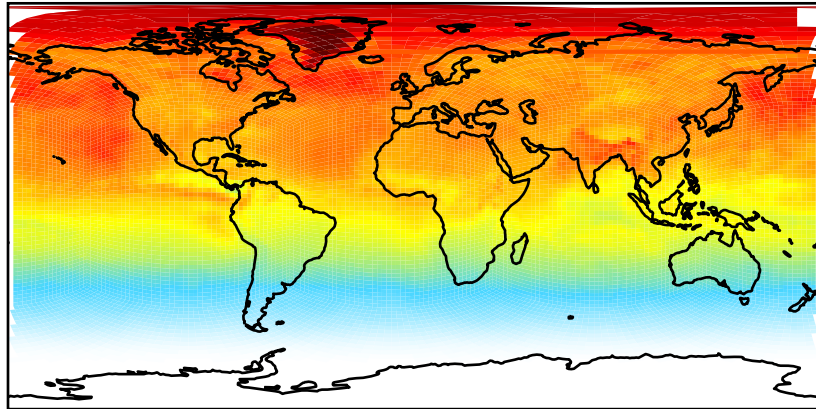(Dev-Ref)/Ref, 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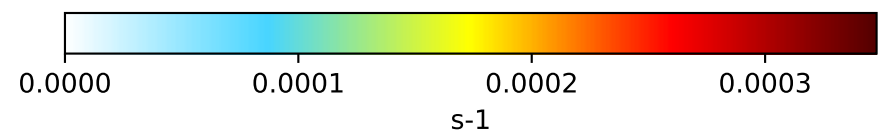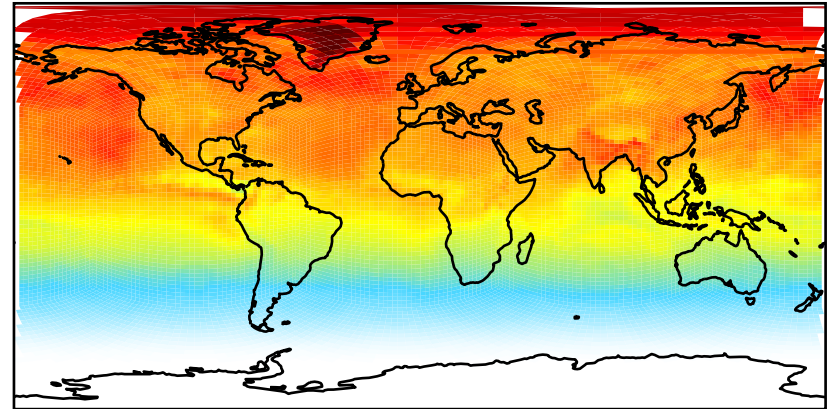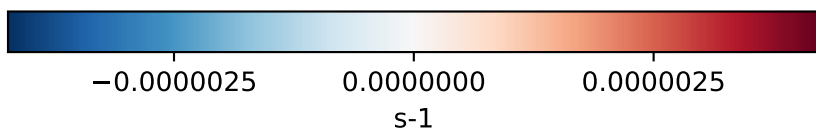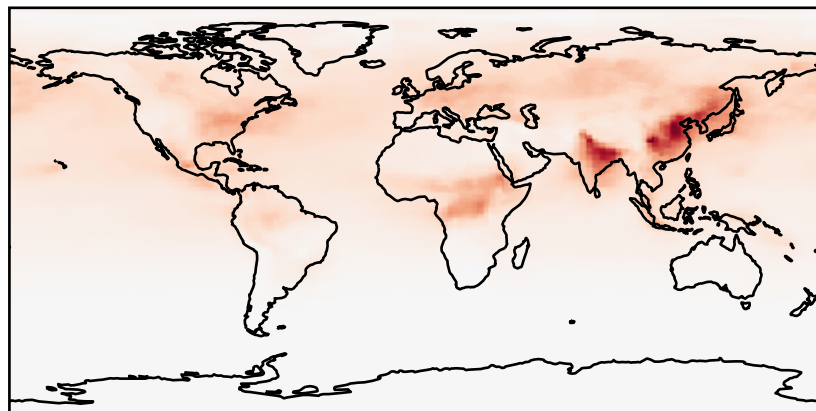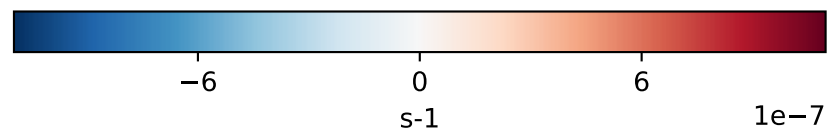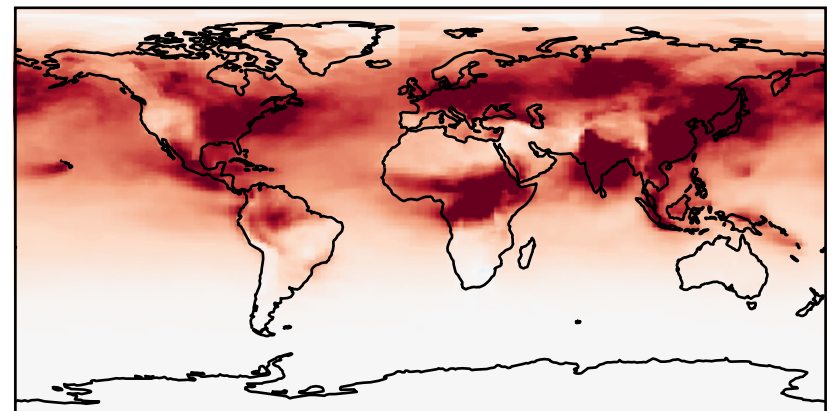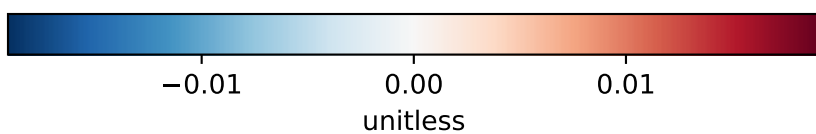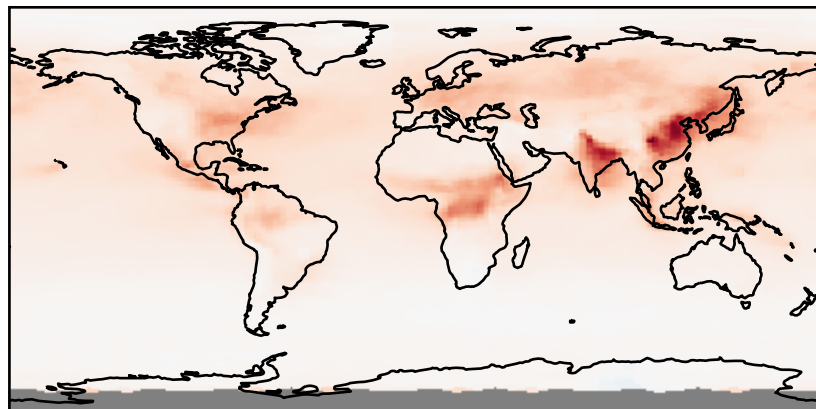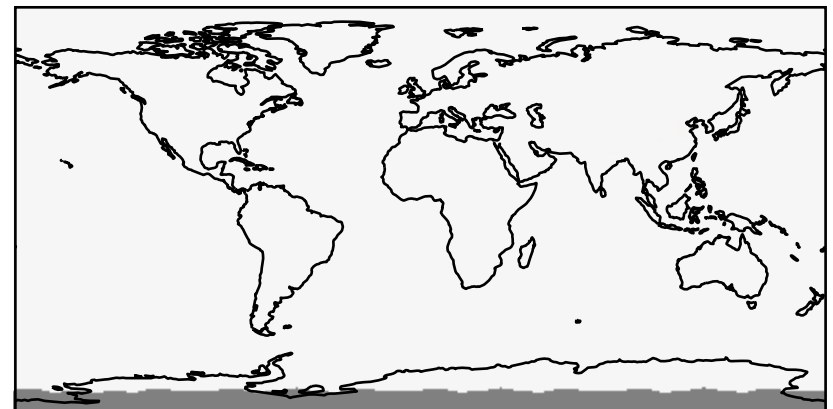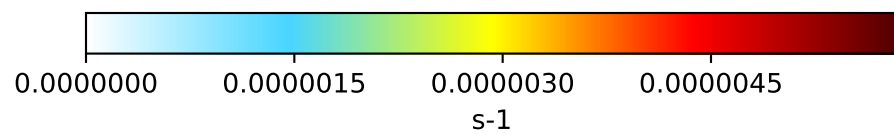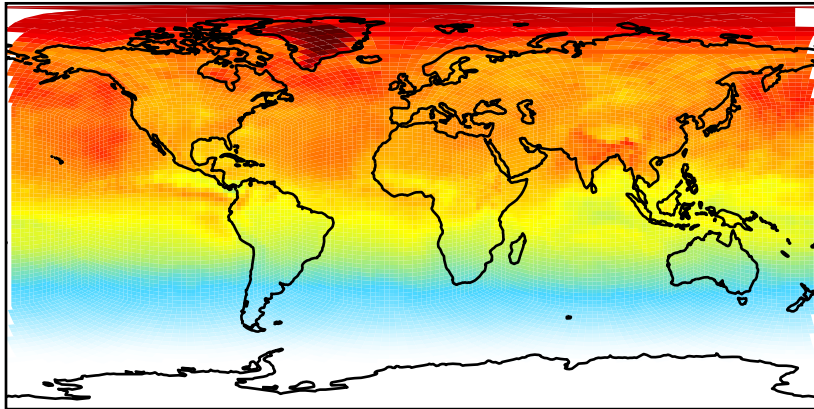
Fractional Difference (1x1.25)
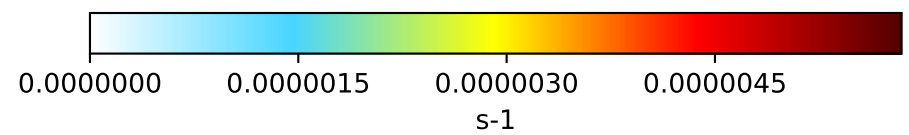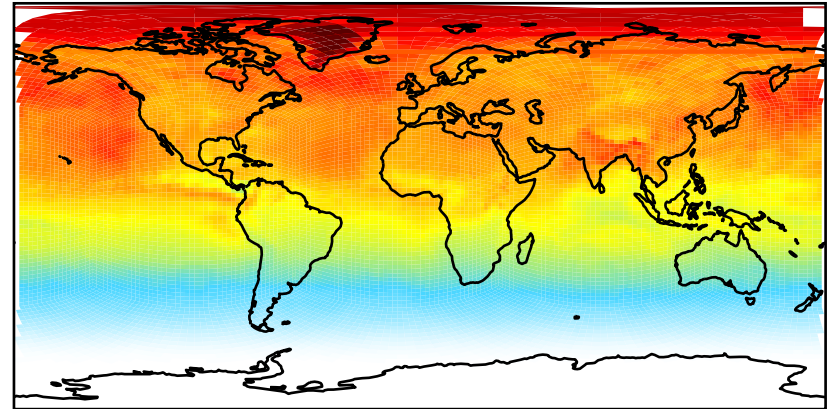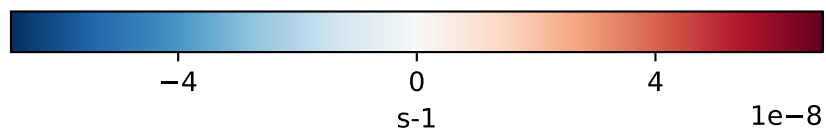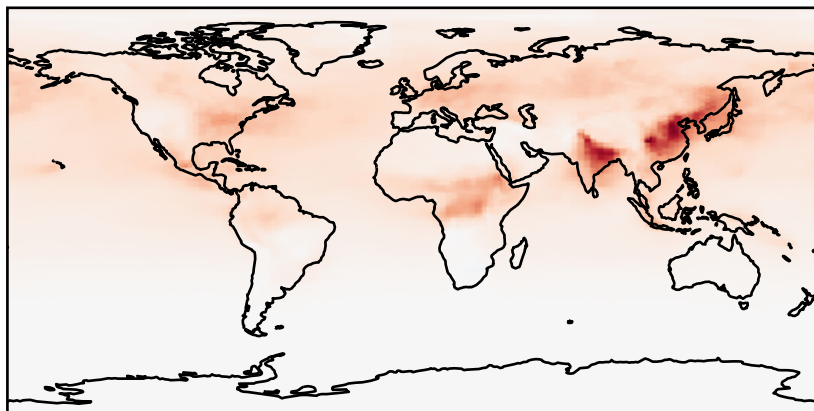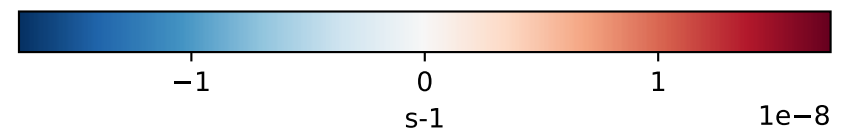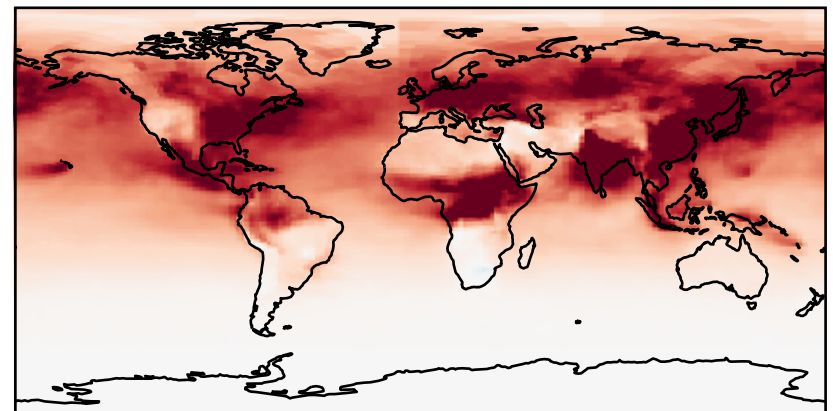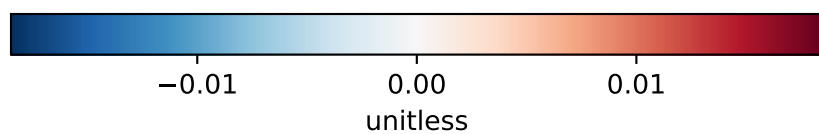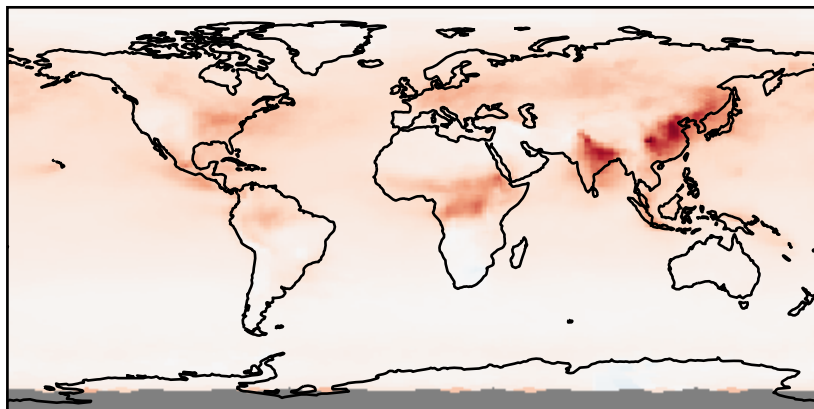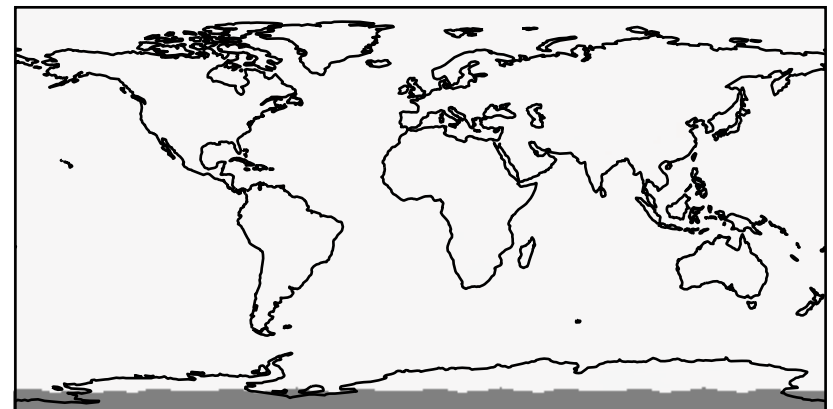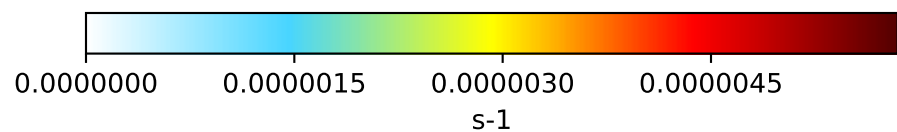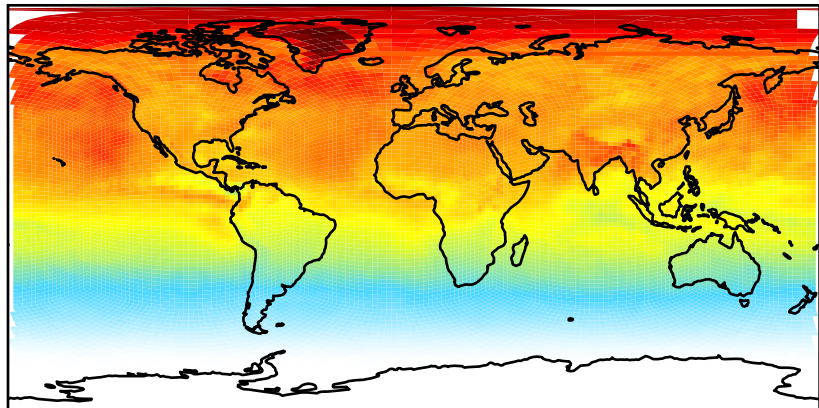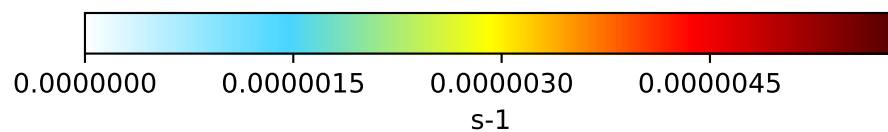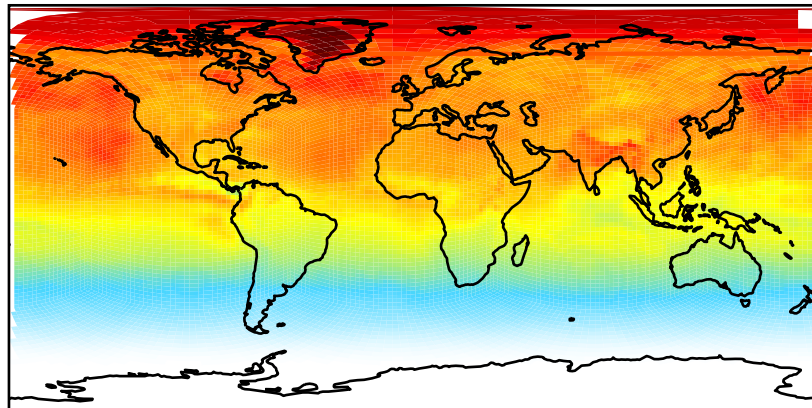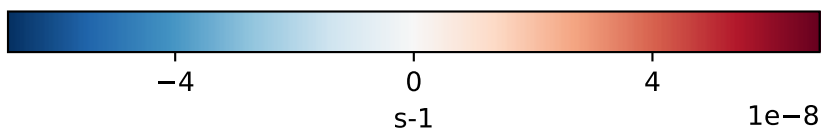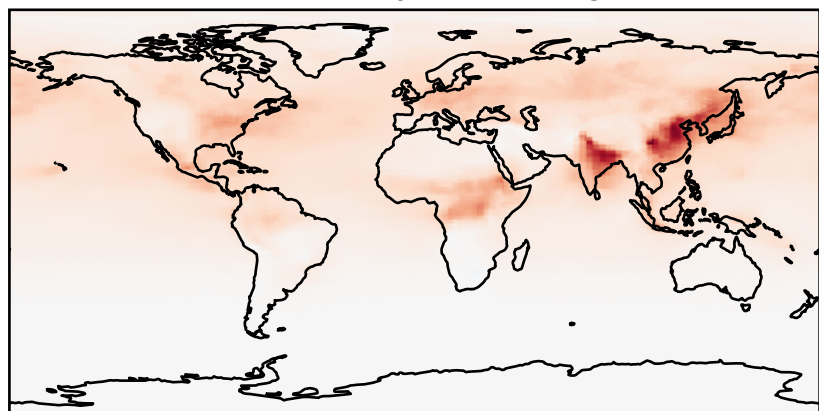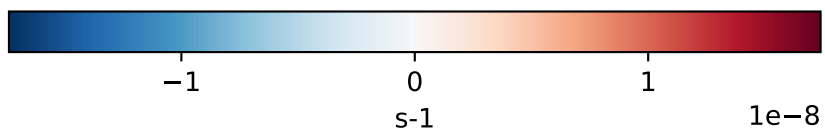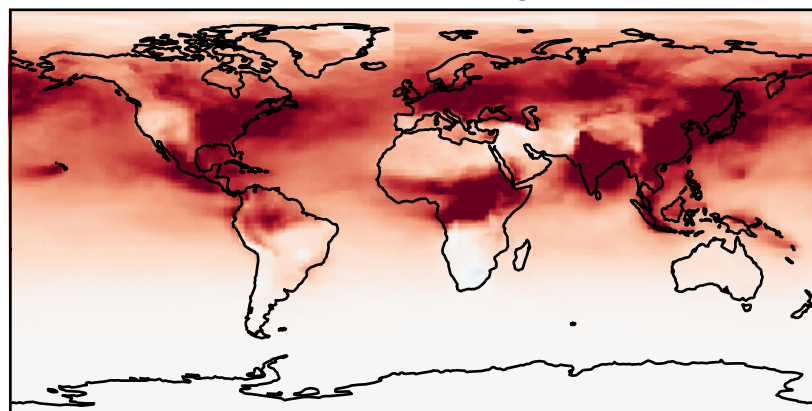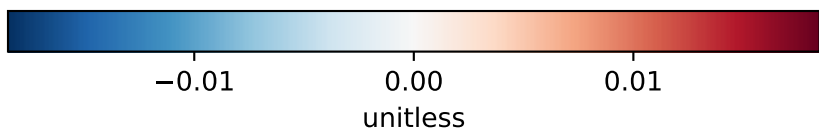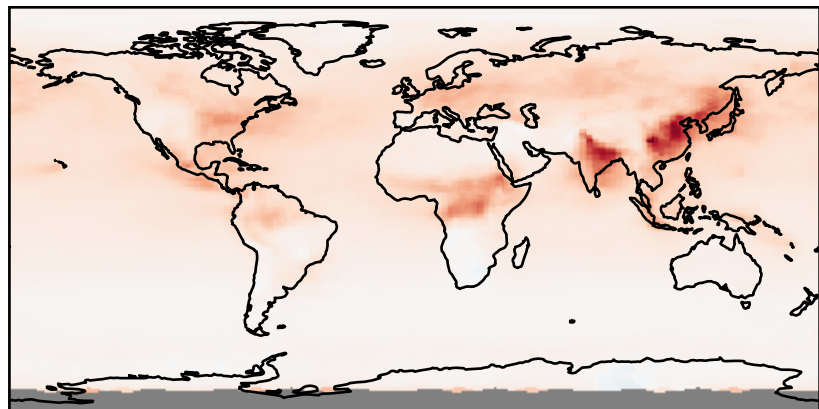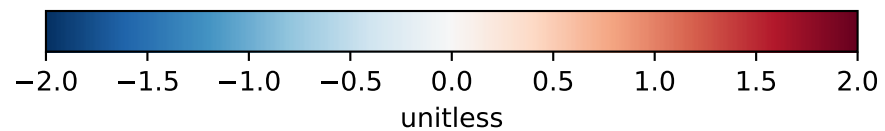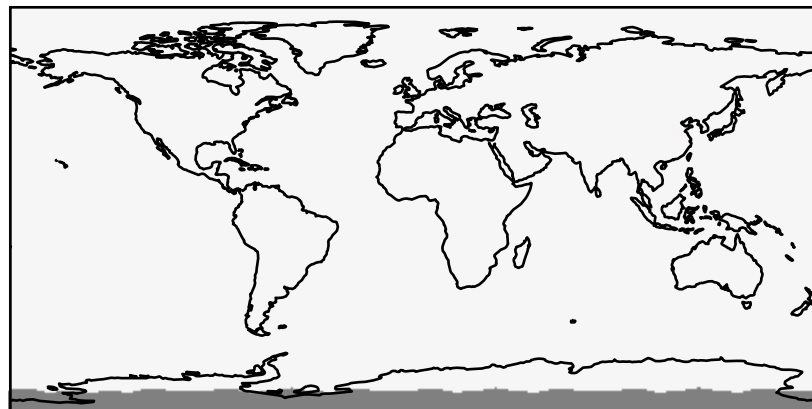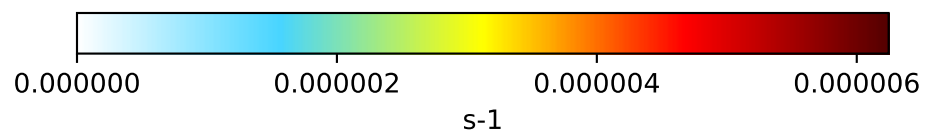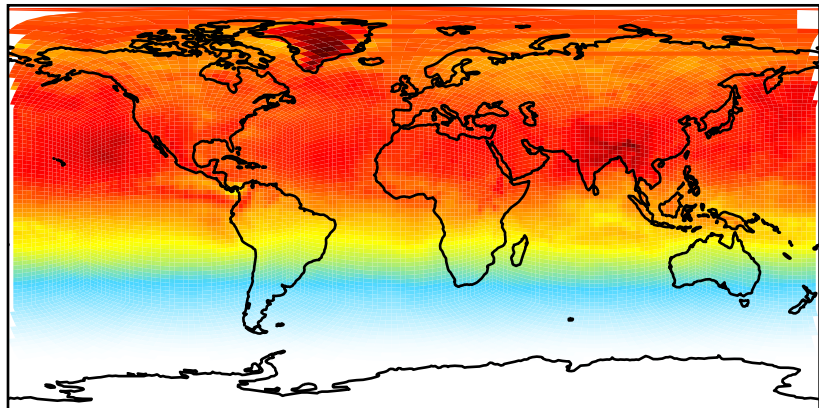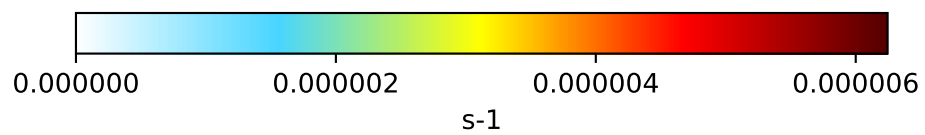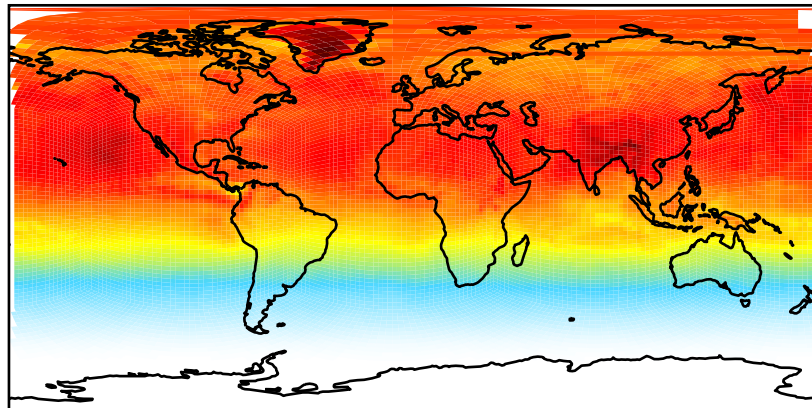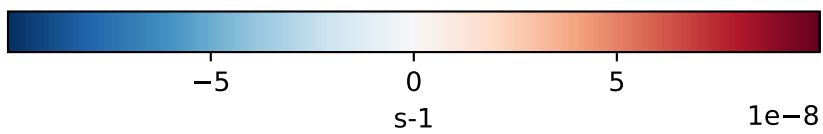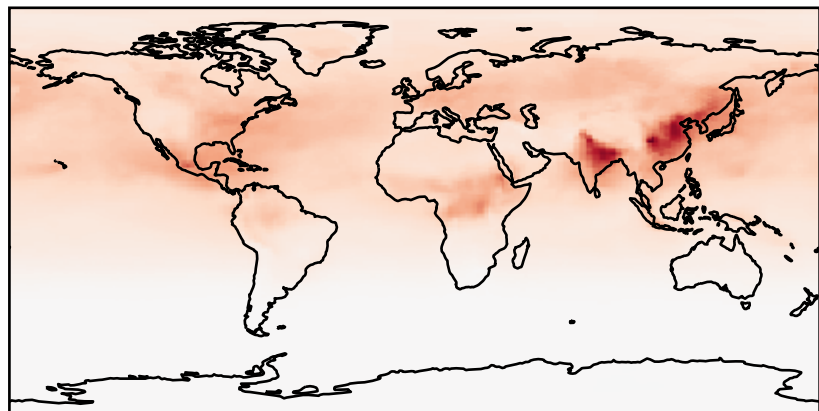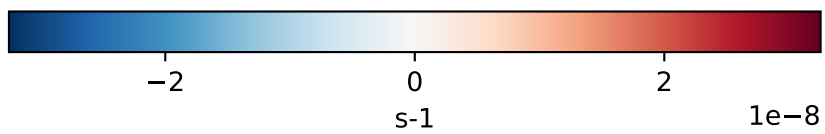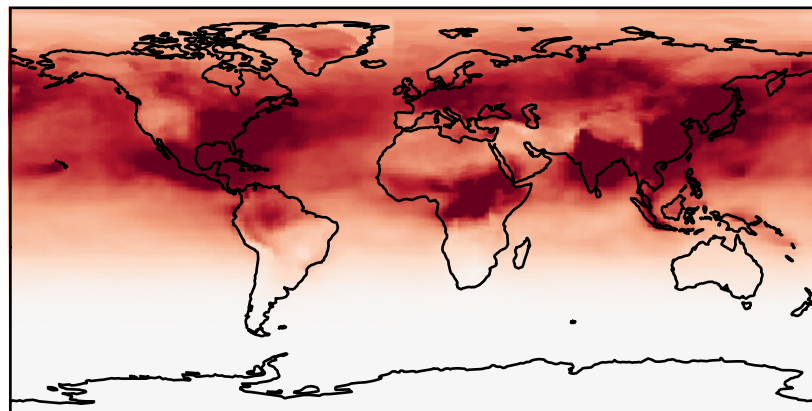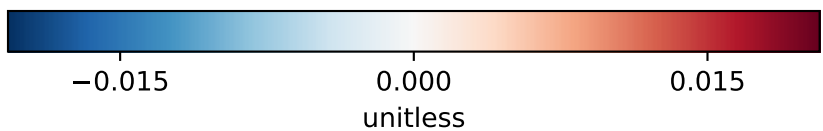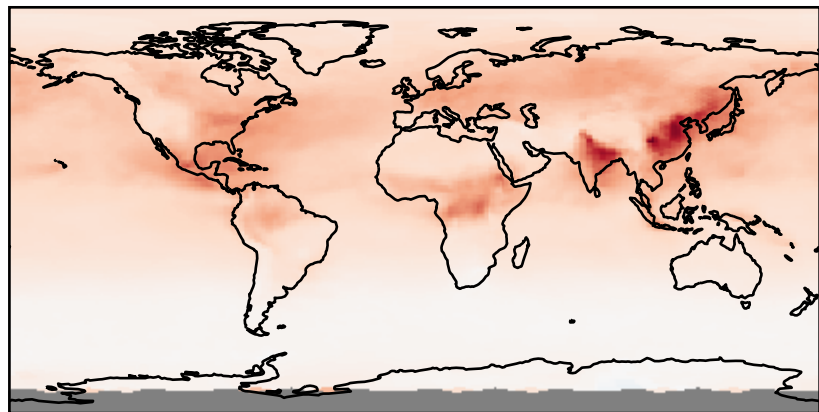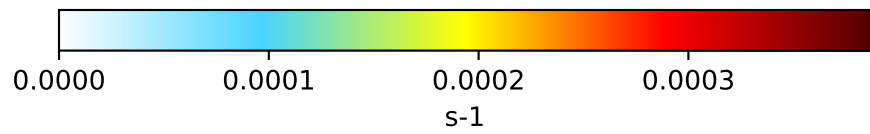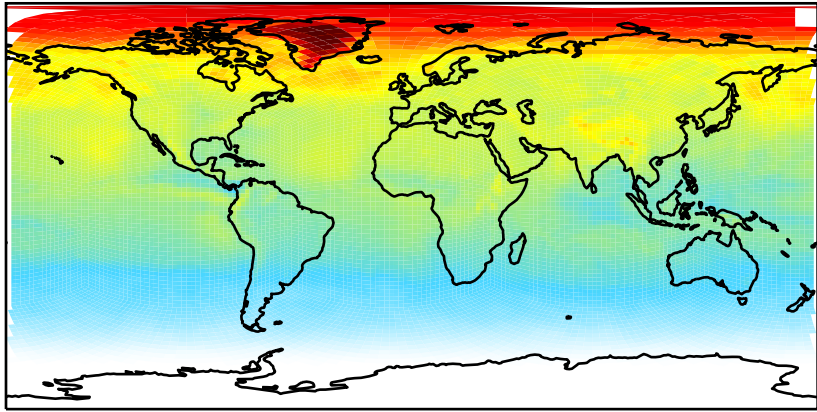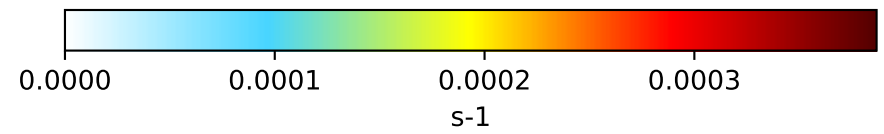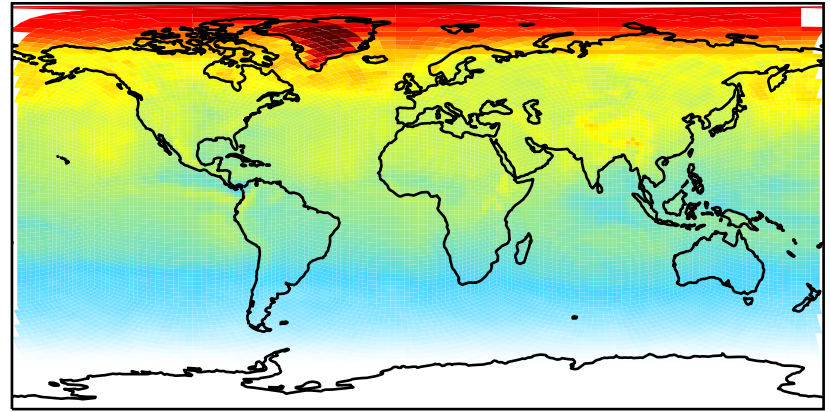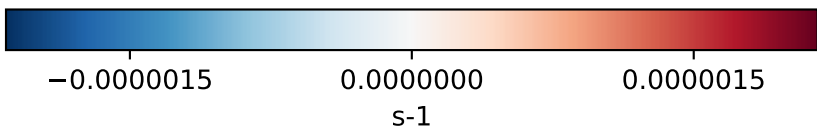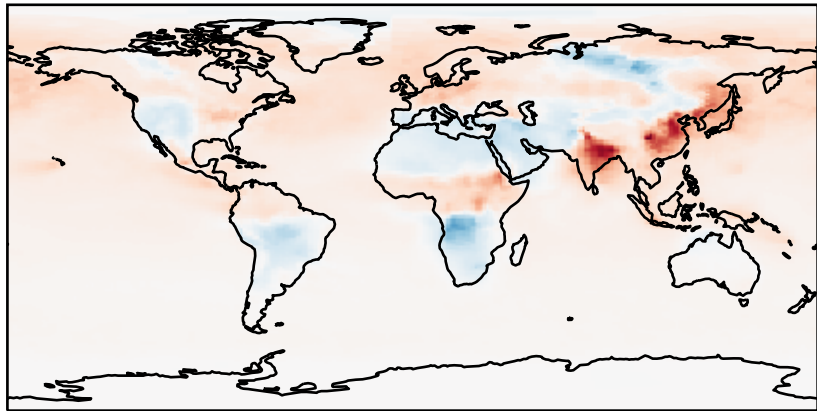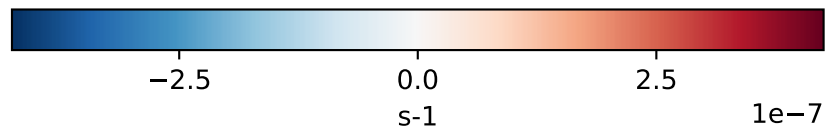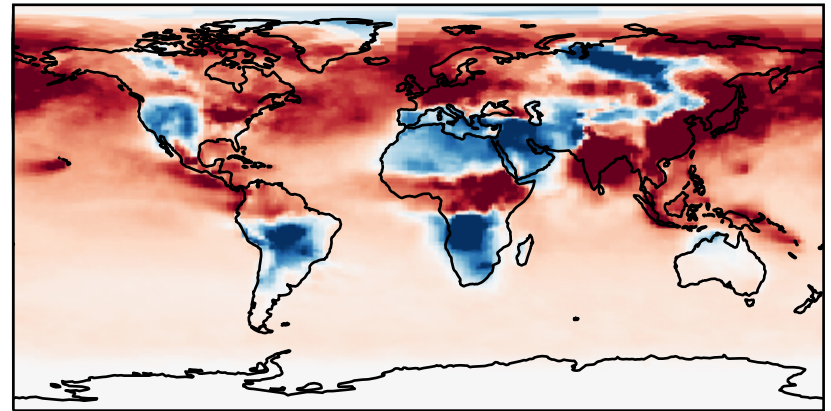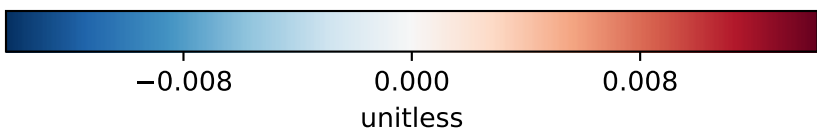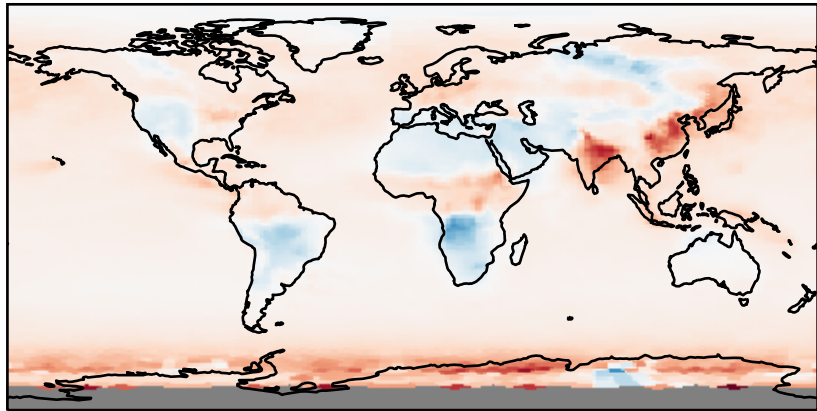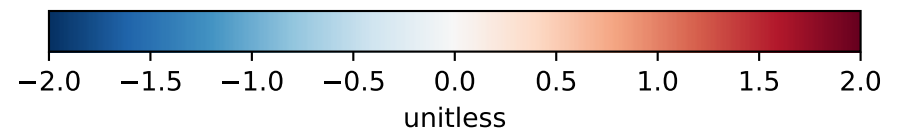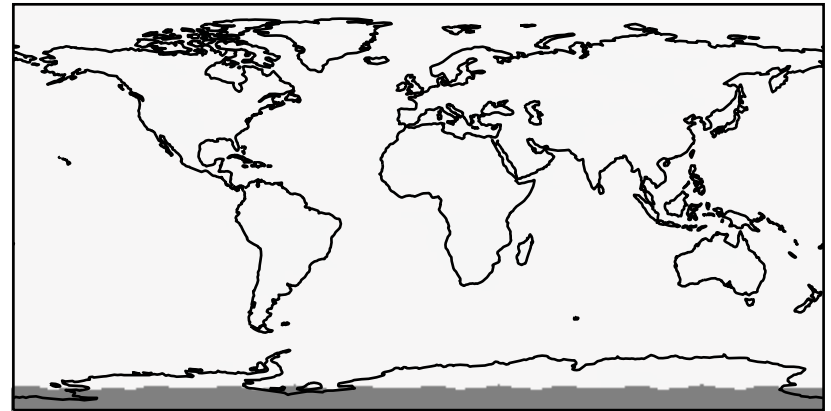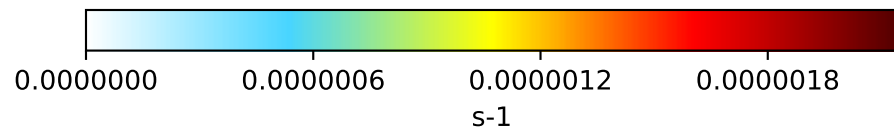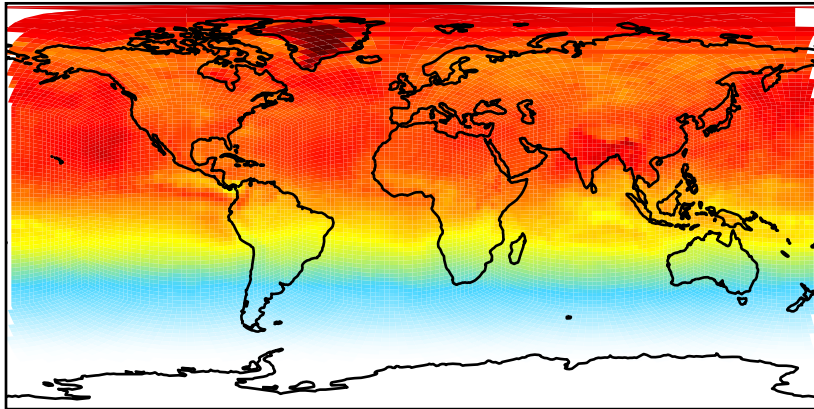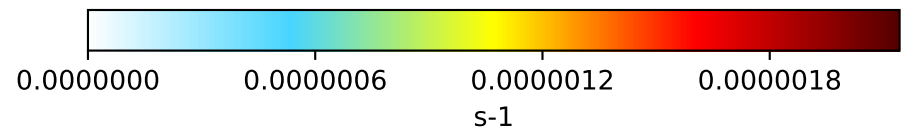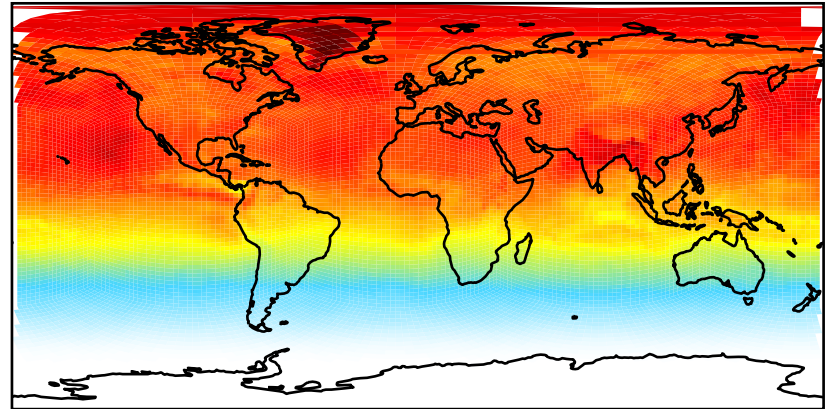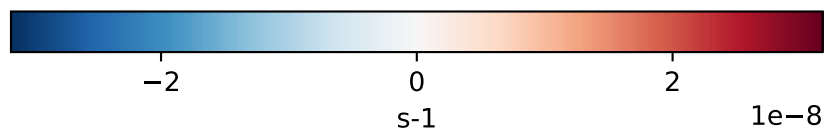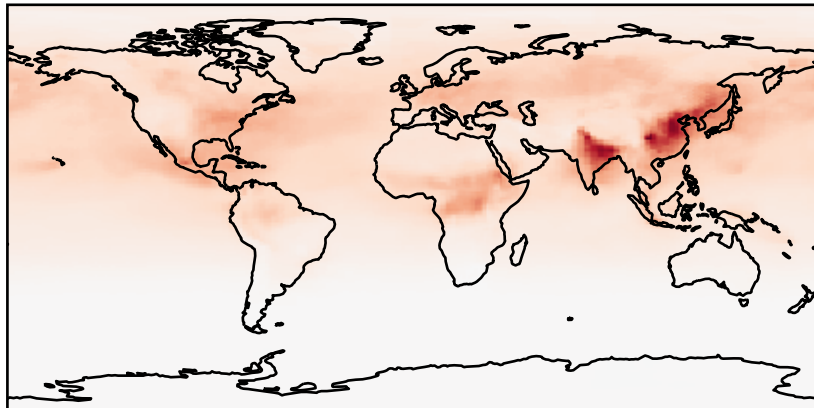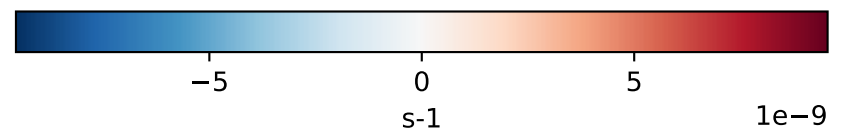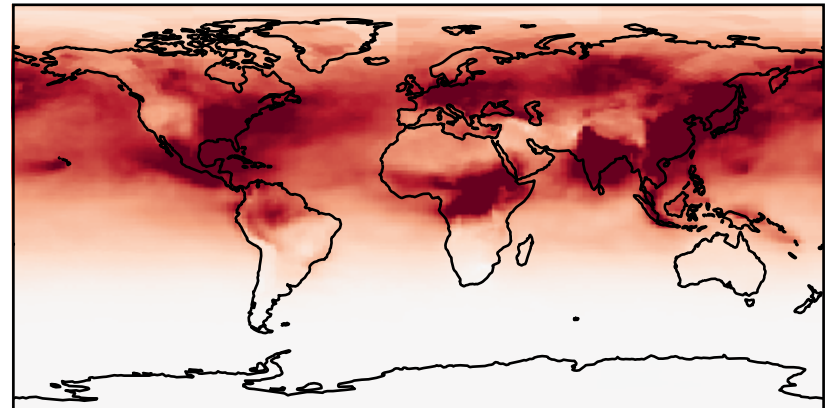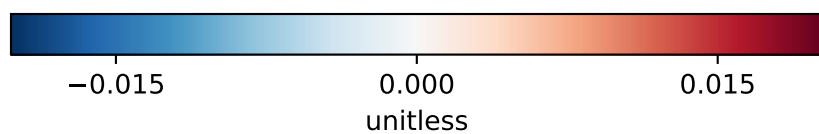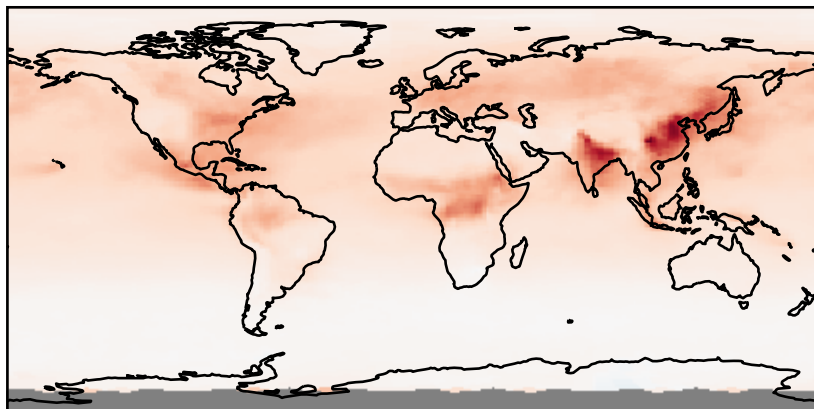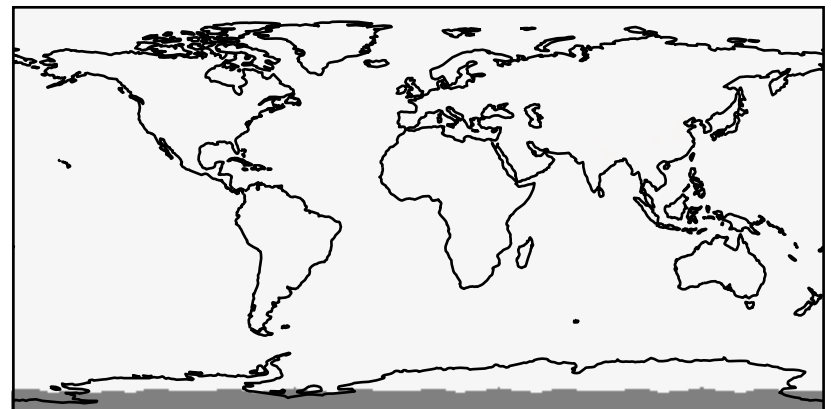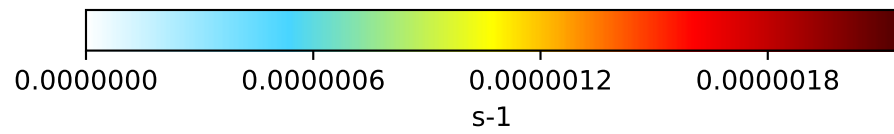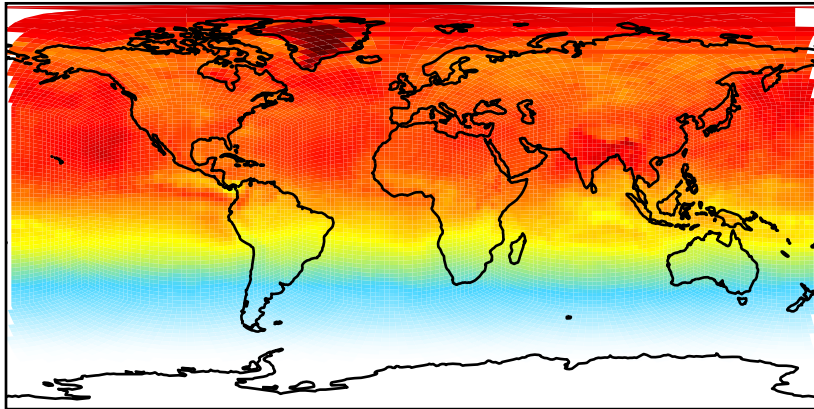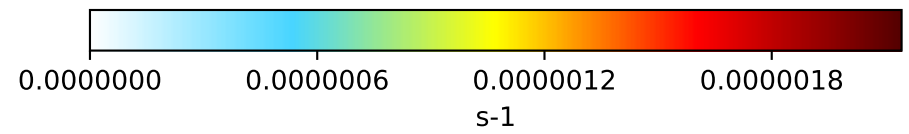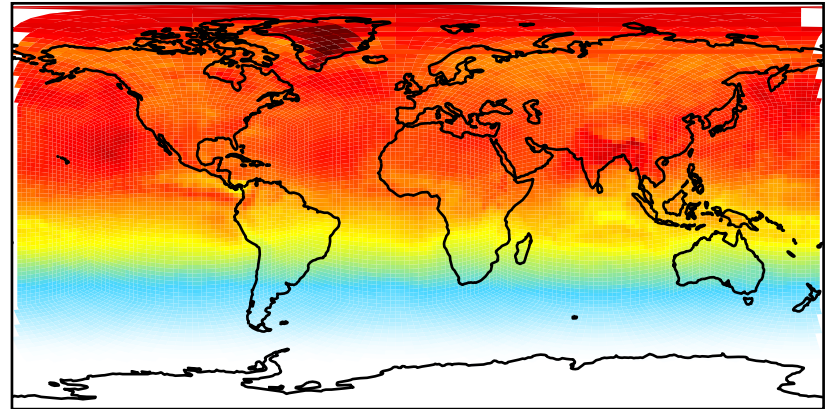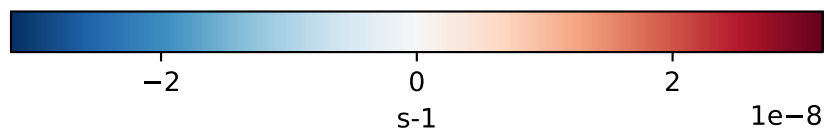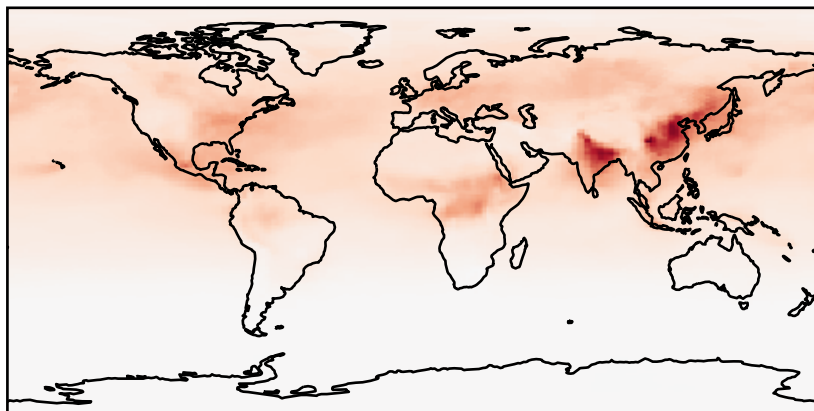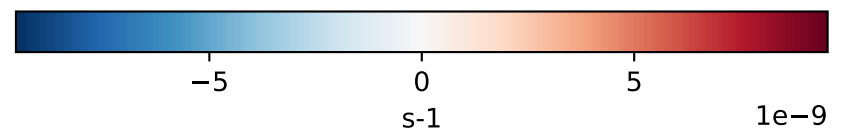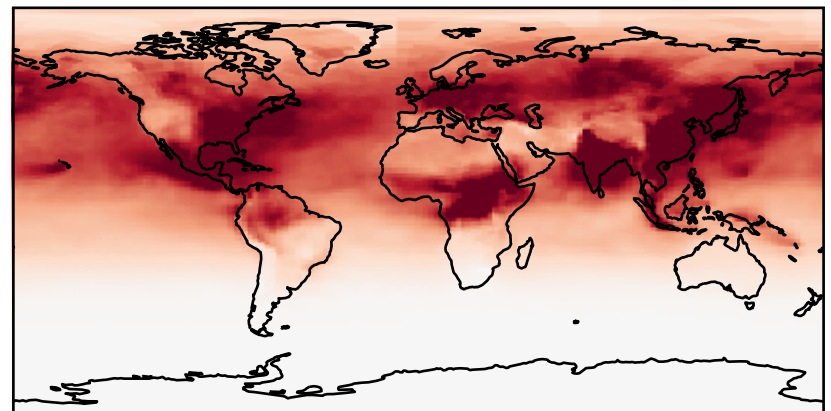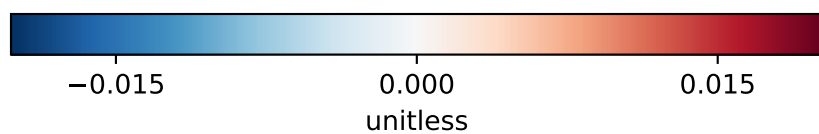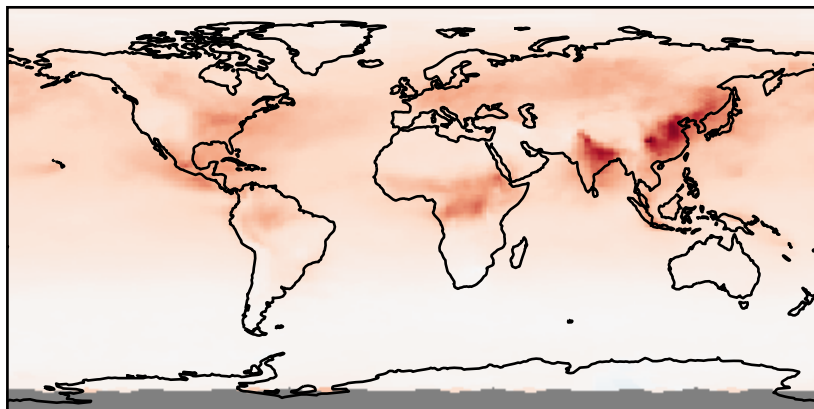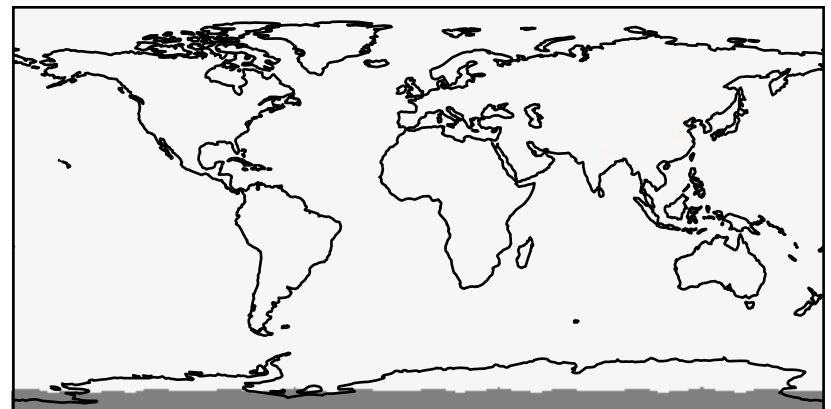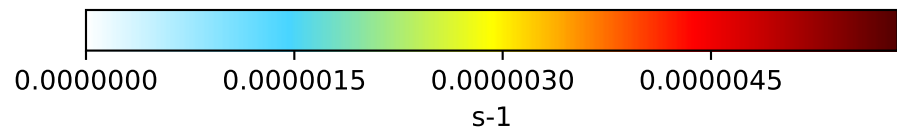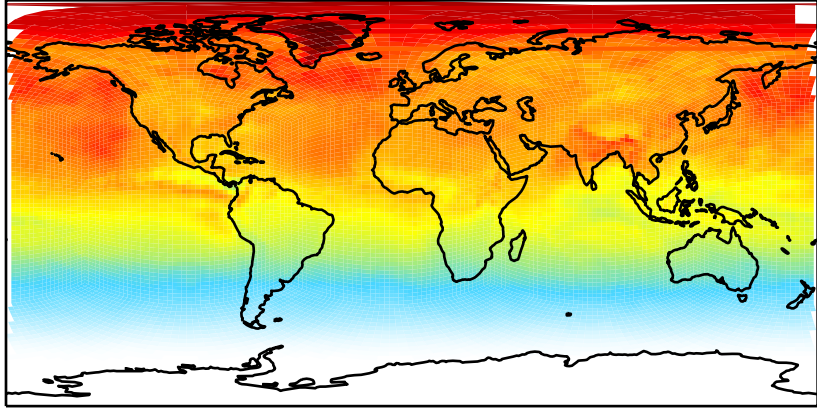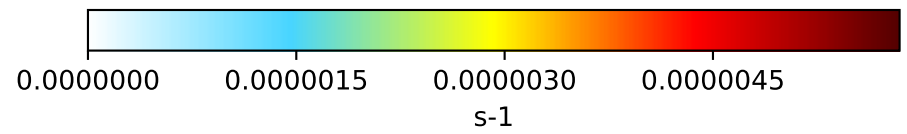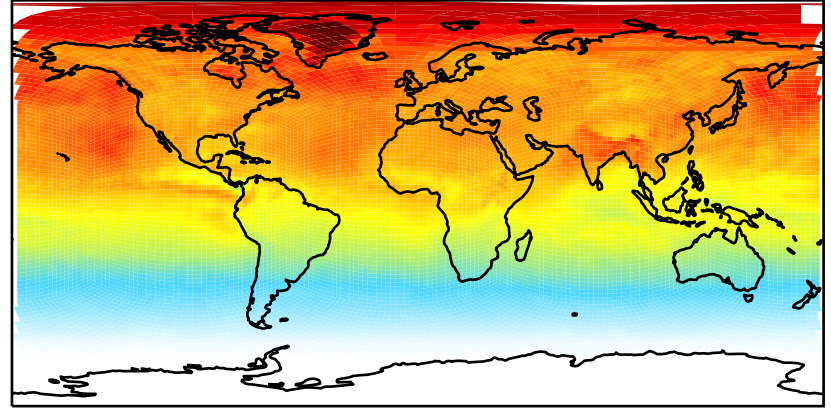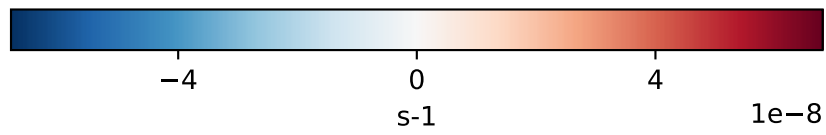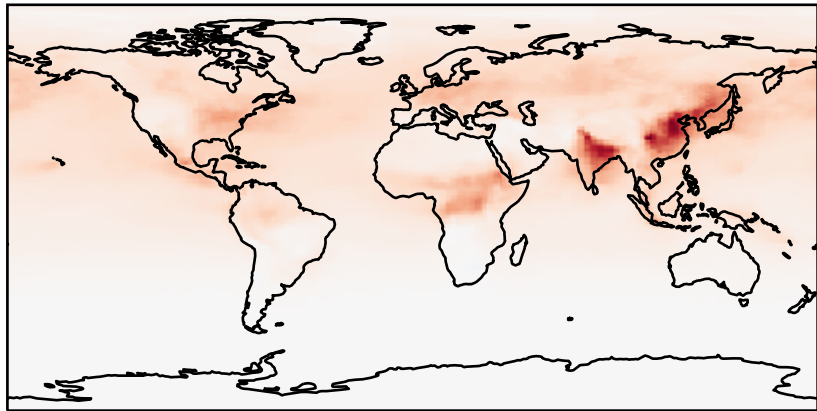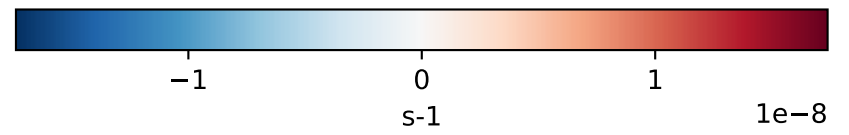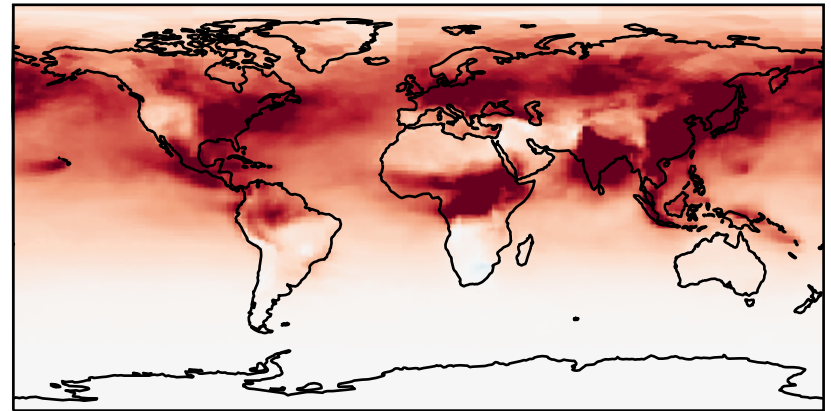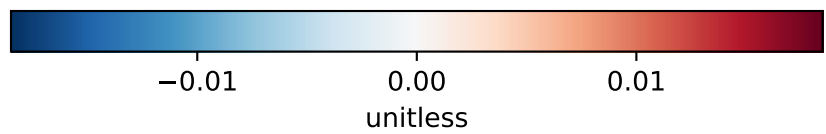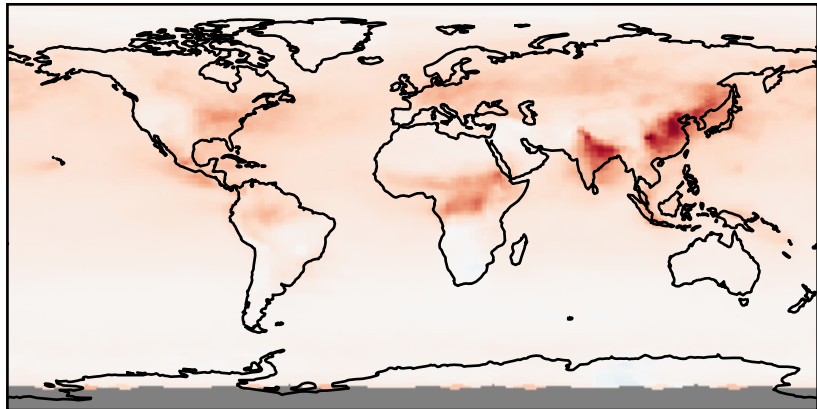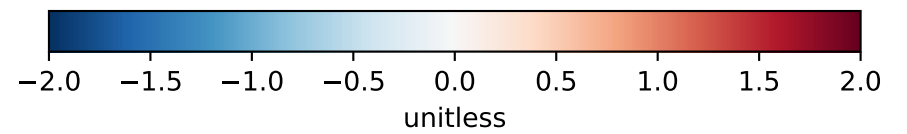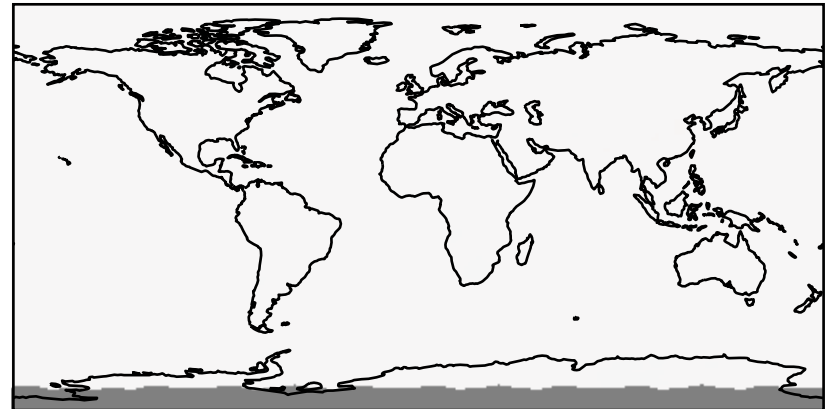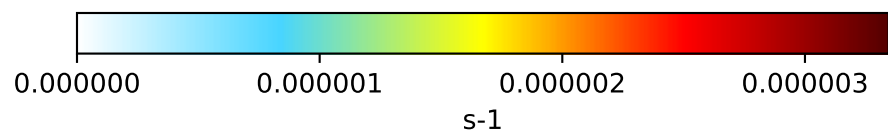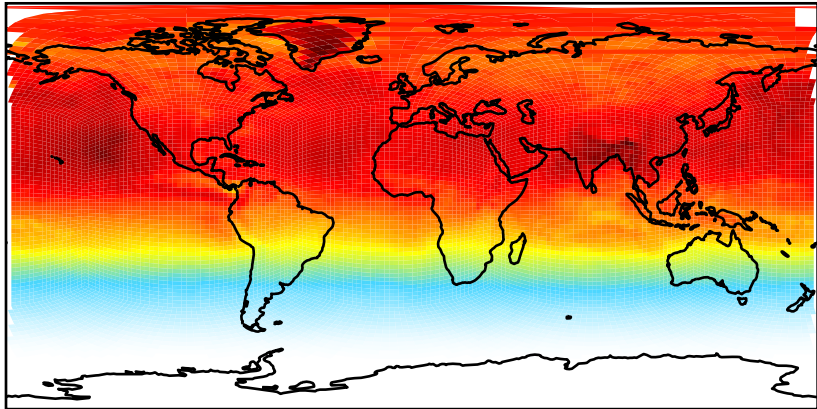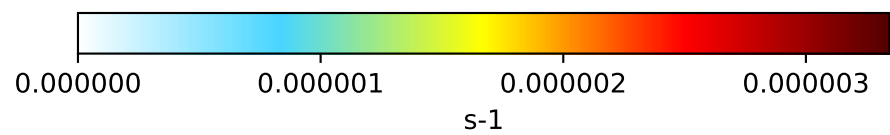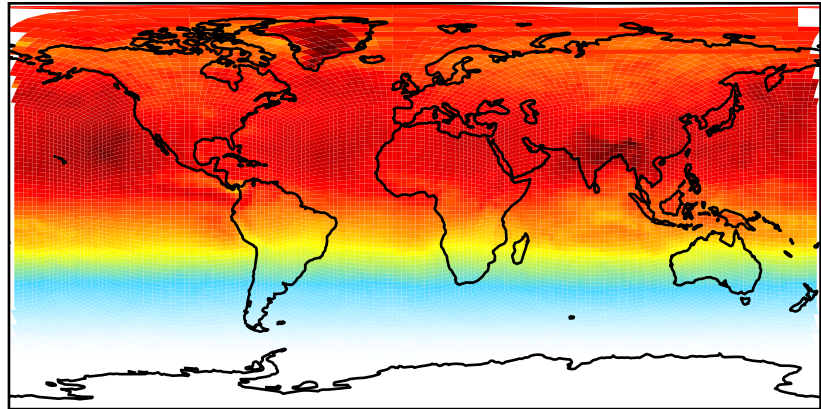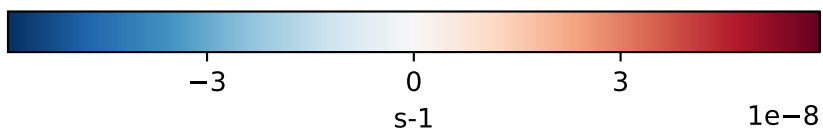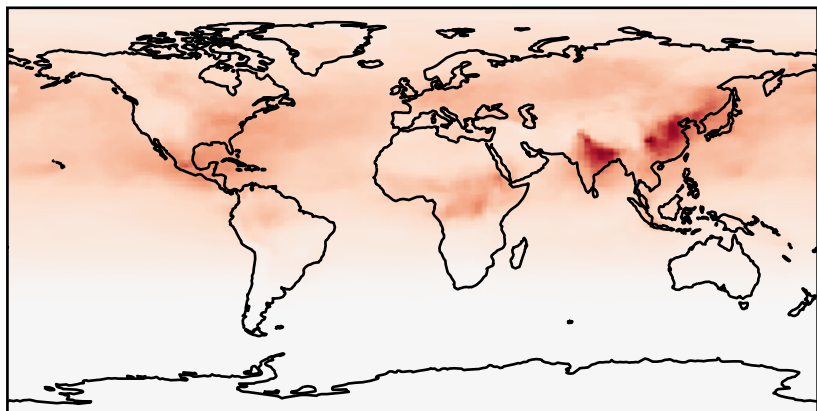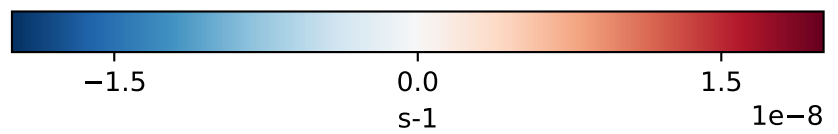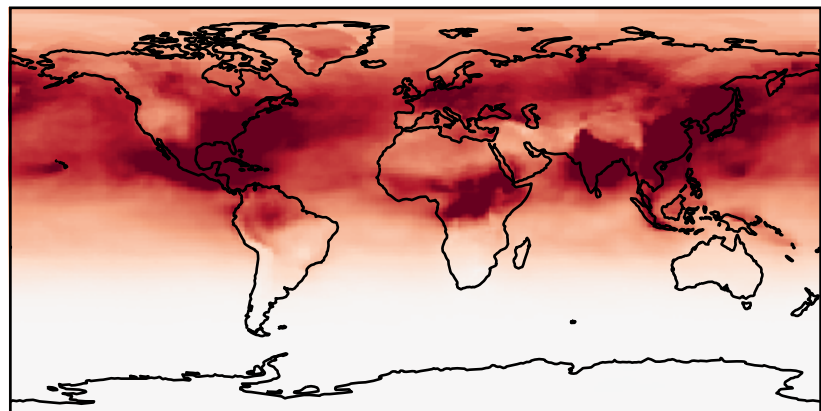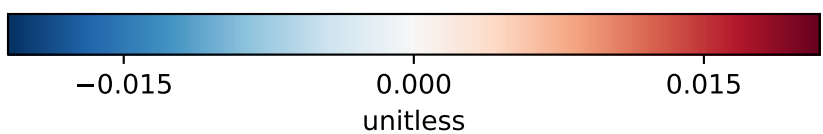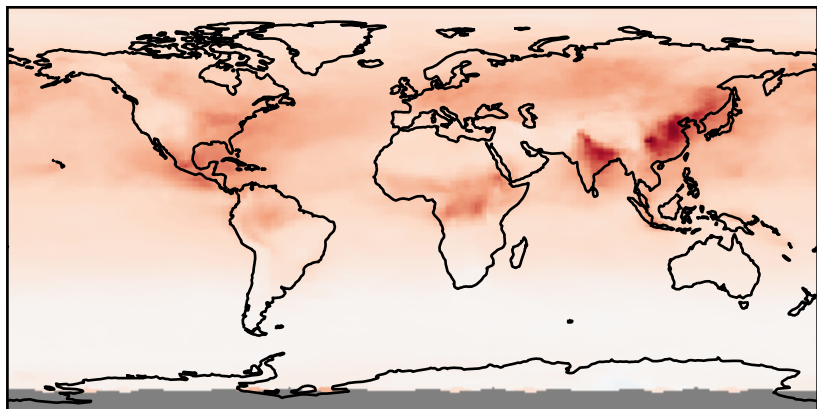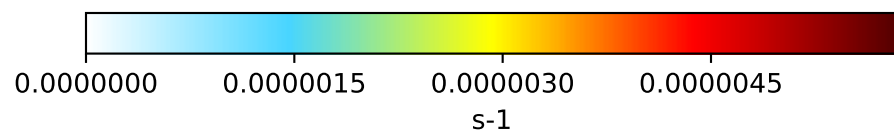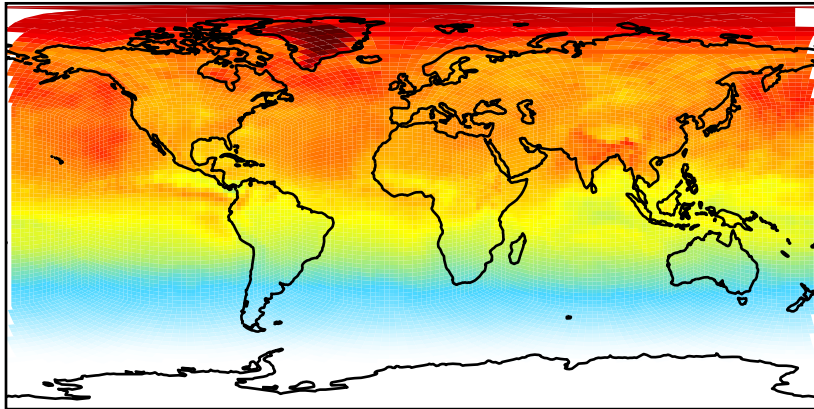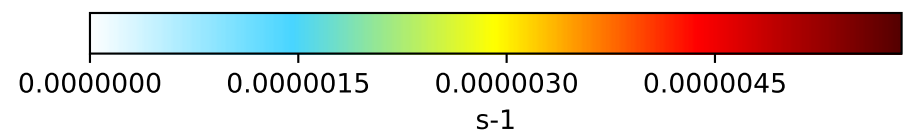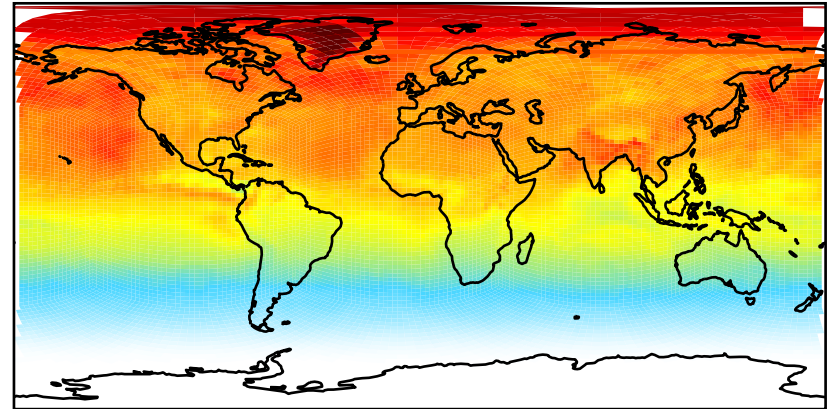(Dev-Ref)/Ref, Fixed Range

Jval_MVKN

Jval_N2O

Jval_N2O5

Jval_NO

Jval_NO2

Jval_NO3

Jval_O2

Jval_O3

GCHP_12.5.0 (Ref)
c48

GCHP_12.6.0 (Dev)
c48

Zero throughout domain
s-1

Zero throughout domain
s-1

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

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

Zero throughout domain
s-1

Zero throughout domain
s-1

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

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

Undefined throughout domain
unitless

Undefined throughout domain
unitless

Jval_O3O1D

Jval_O3O3P

Jval_OCS

Jval_OClO

Jval_OIO

Jval_PAN

Jval_PIP

Jval_PP

Jval_PROPNN

Jval_PRPN

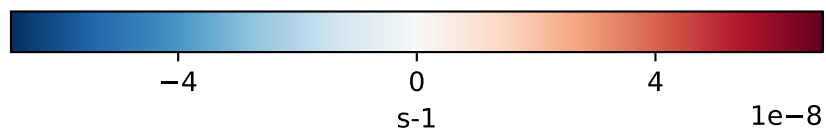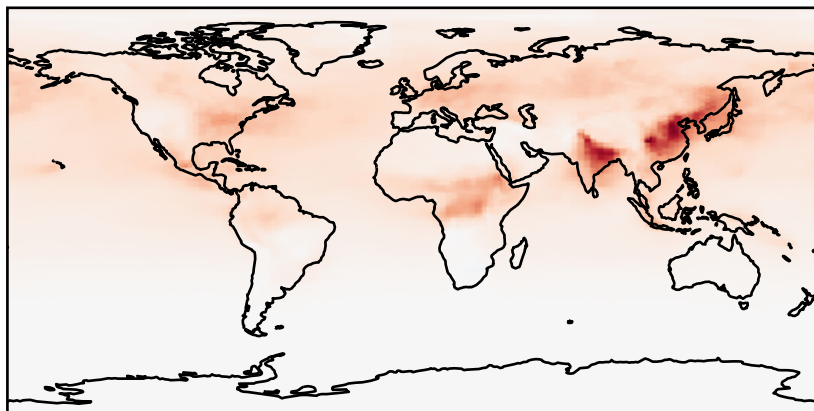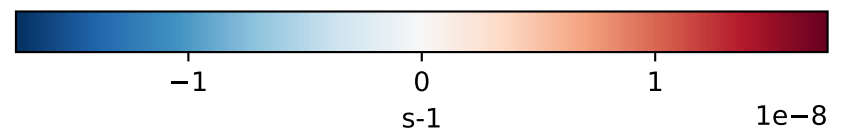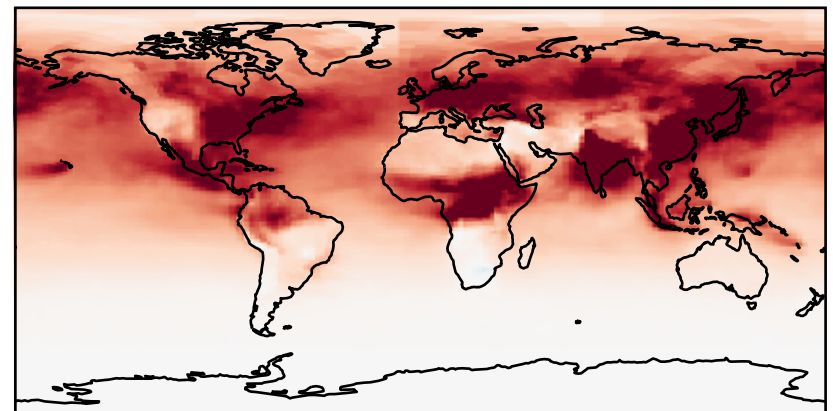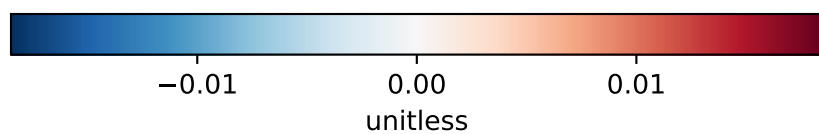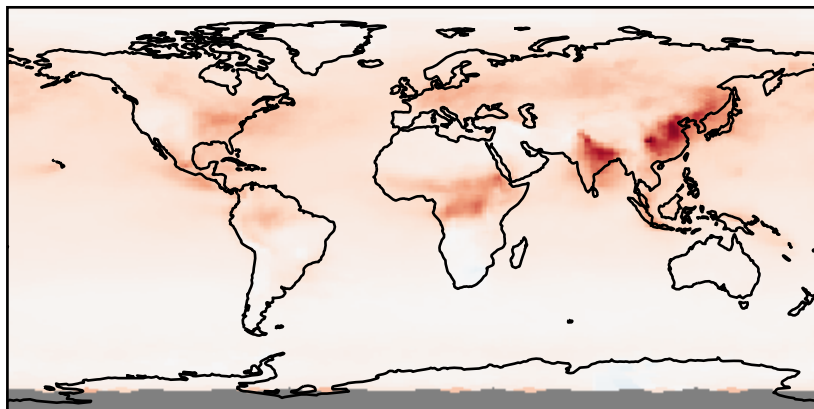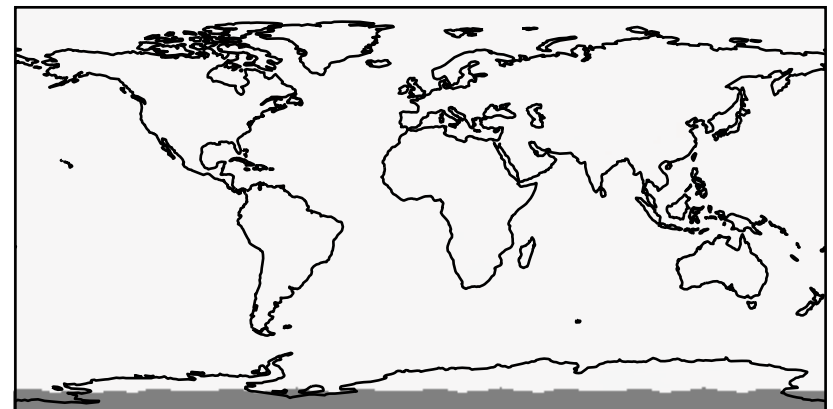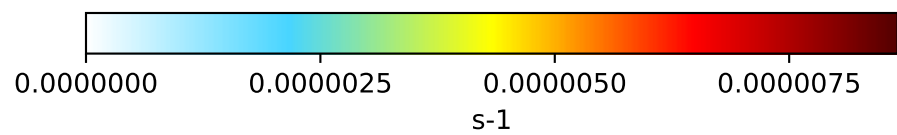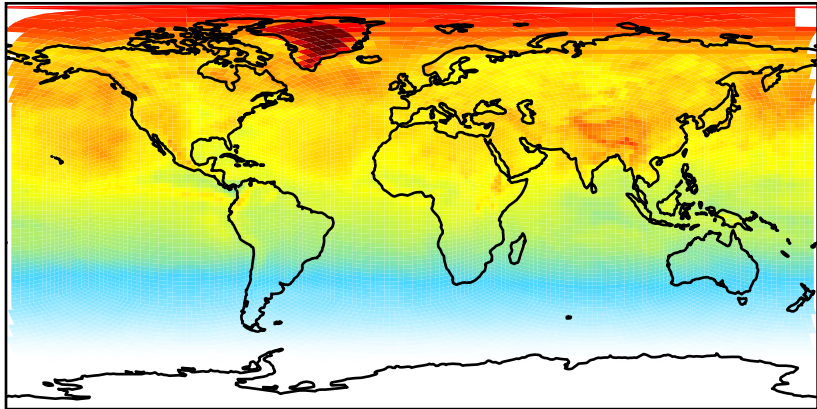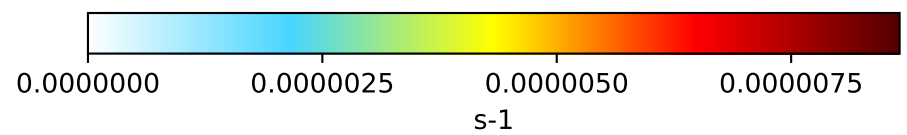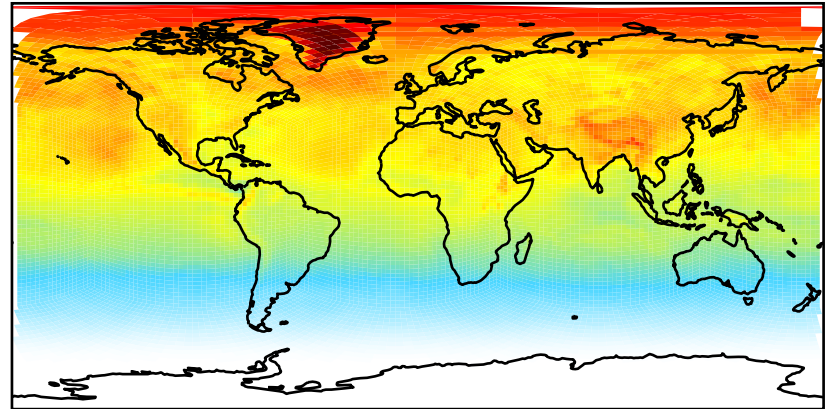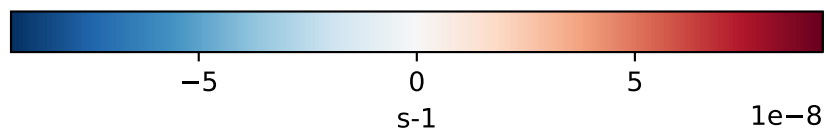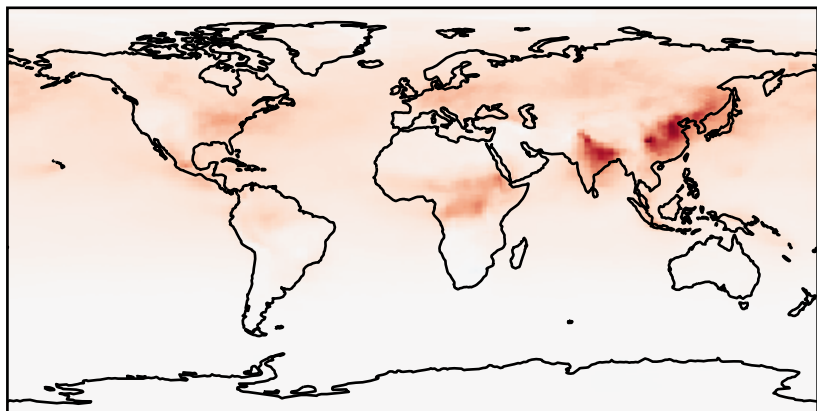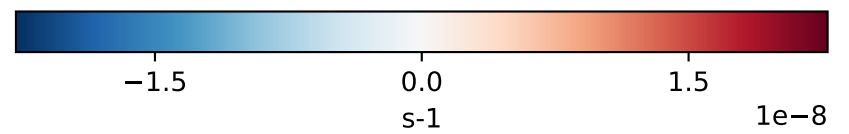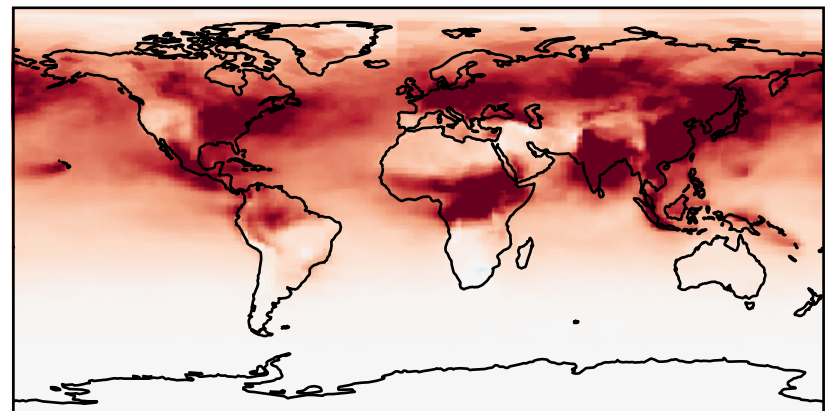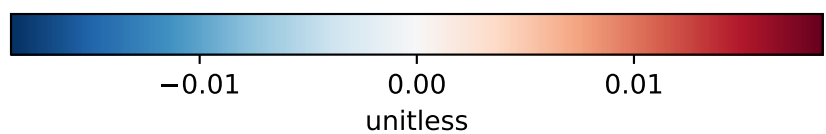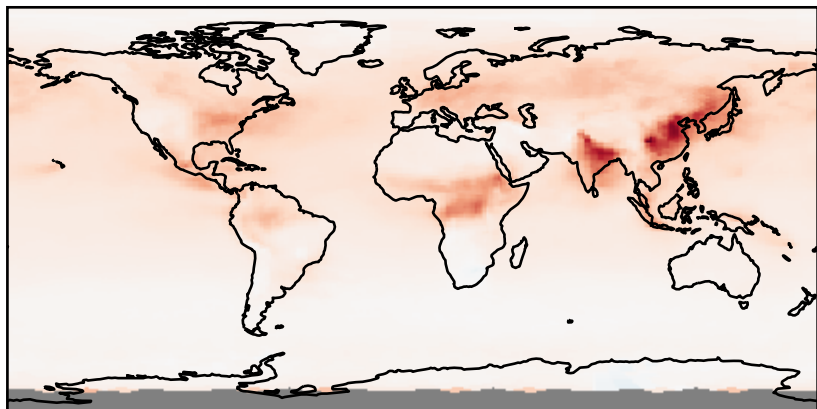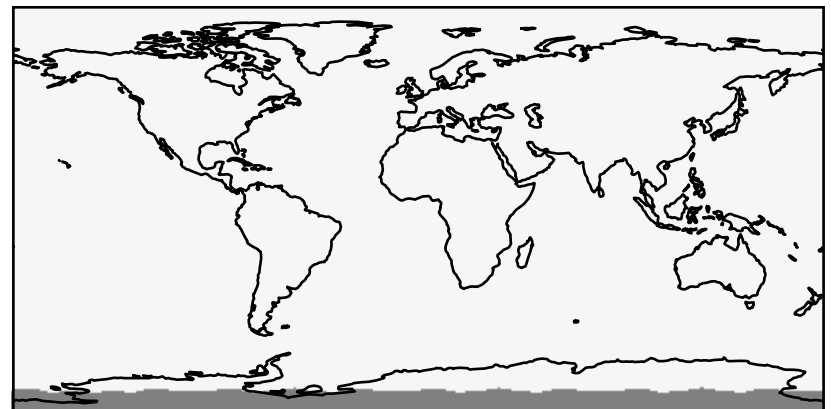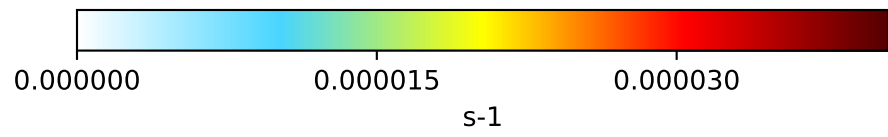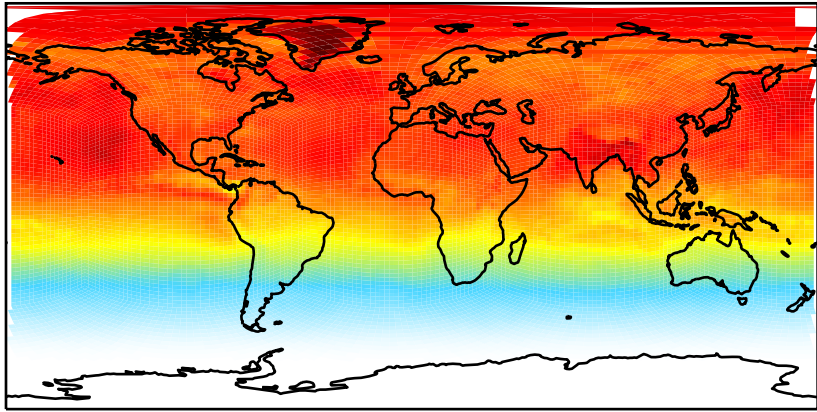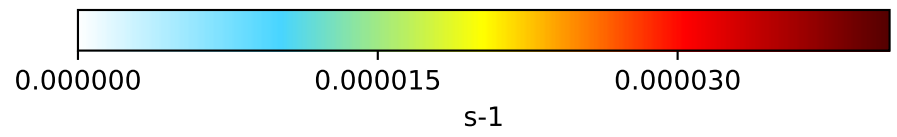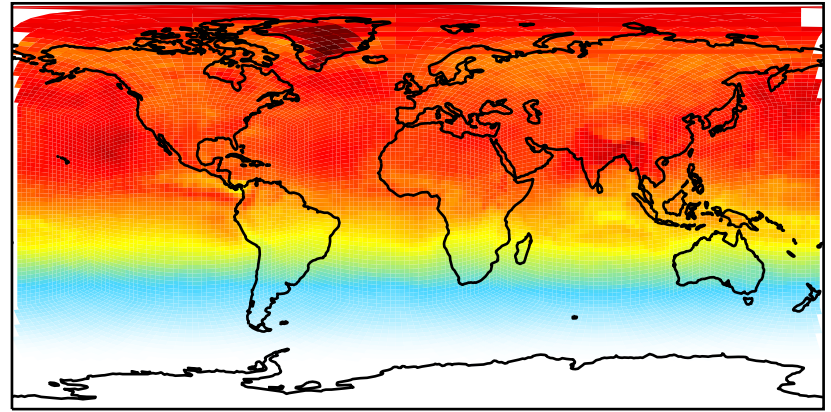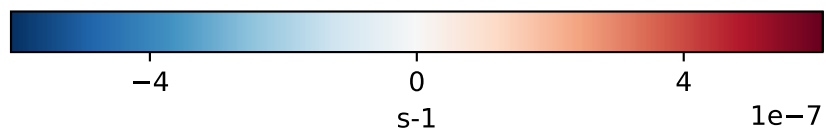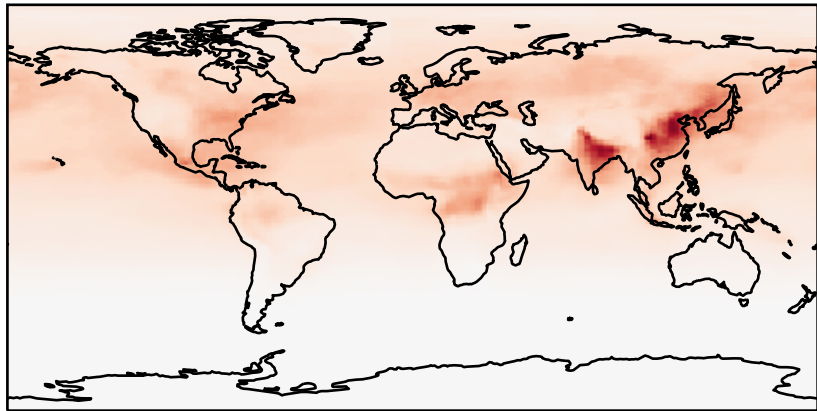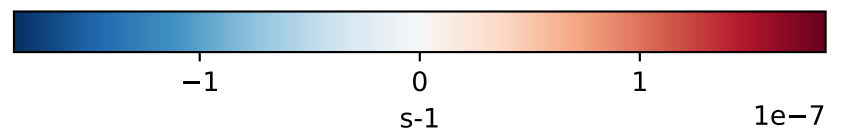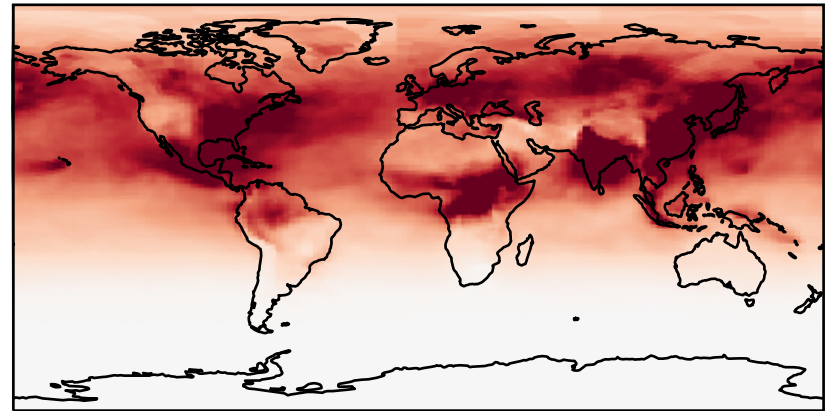# Jval_R4N2

Jval_R4P

Jval_RA3P

Jval_RB3P

Jval_RCHO

Jval_RIPA

Jval_RIPB

GCHP_12.5.0 (Ref)
c48

GCHP_12.6.0 (Dev)
c48

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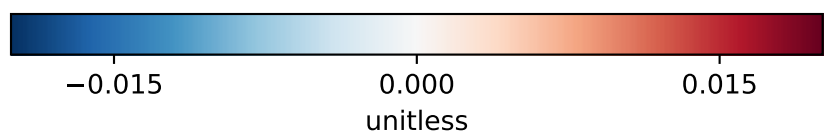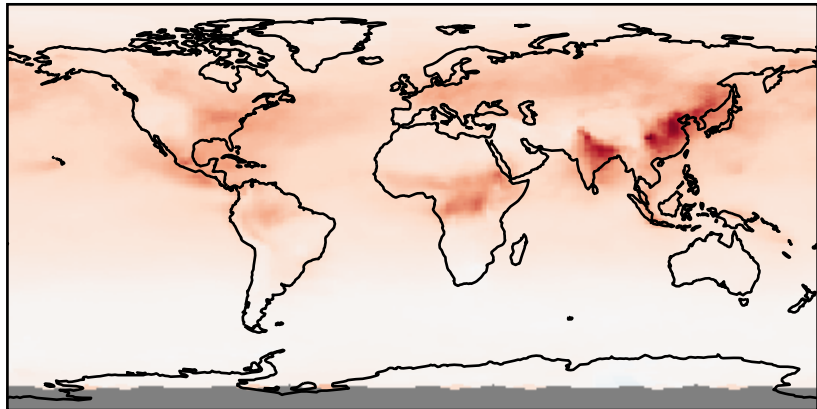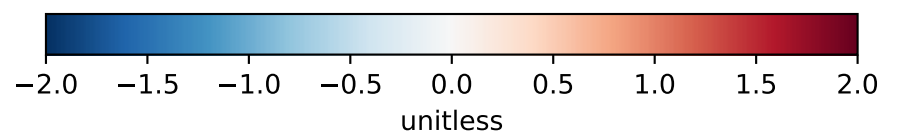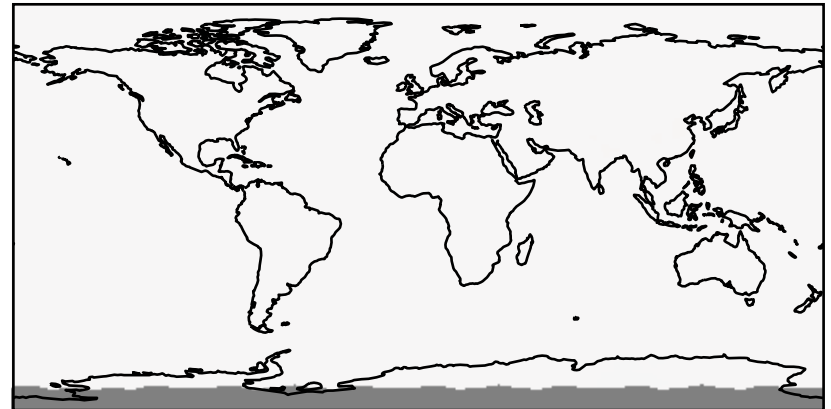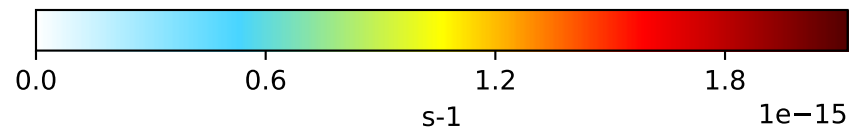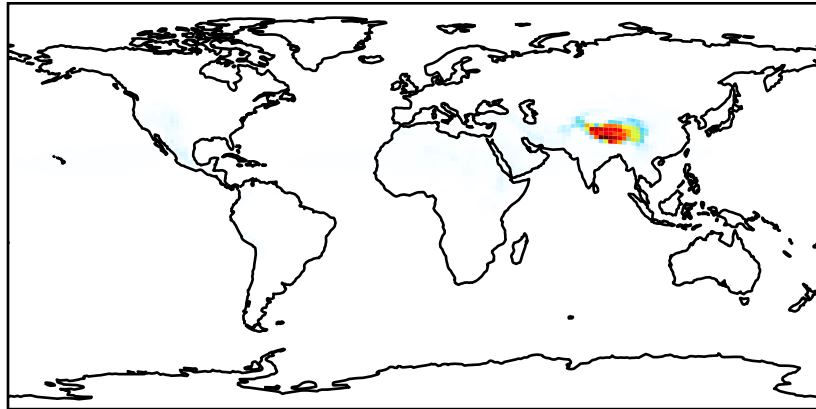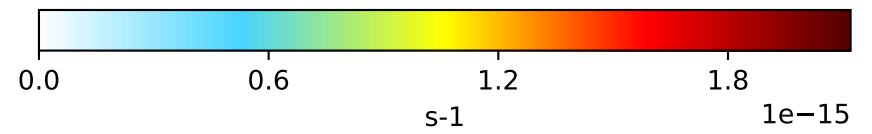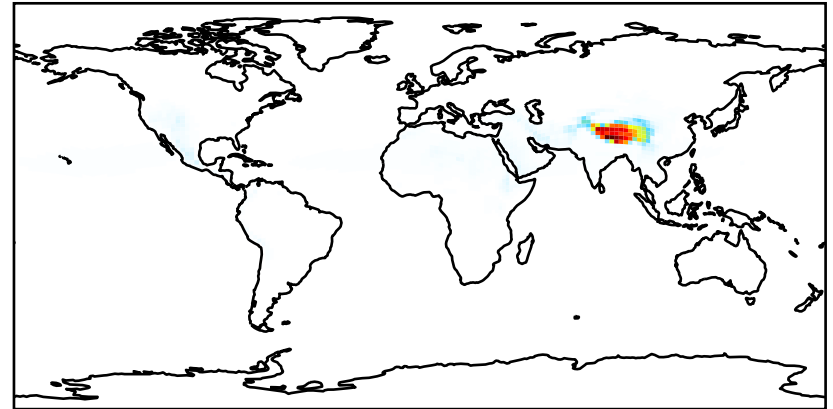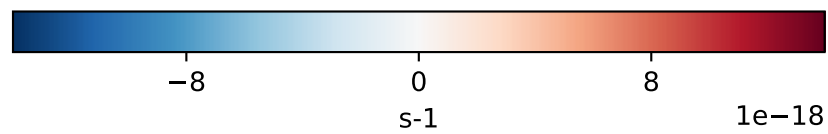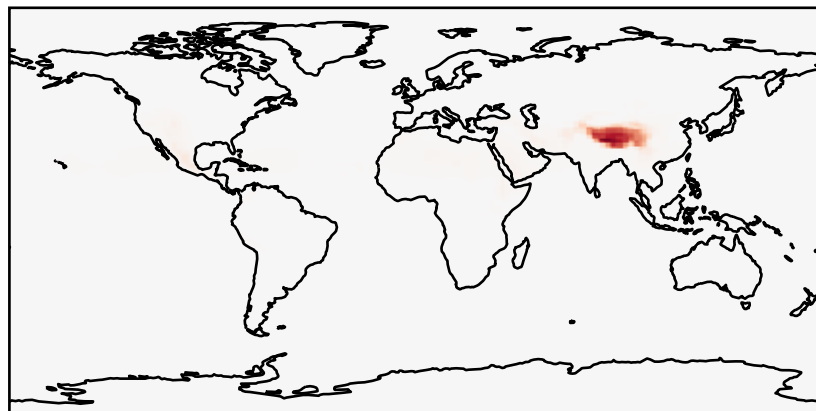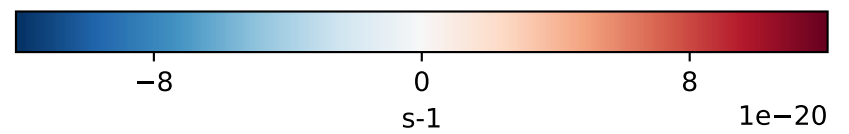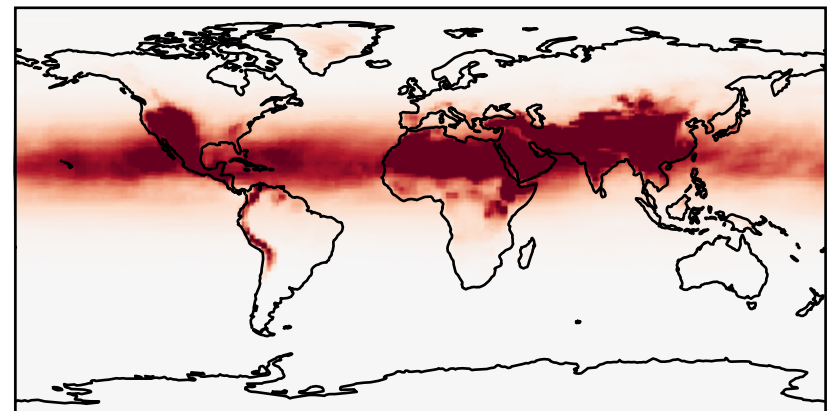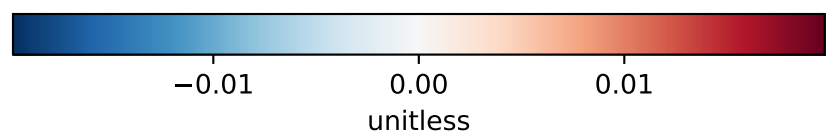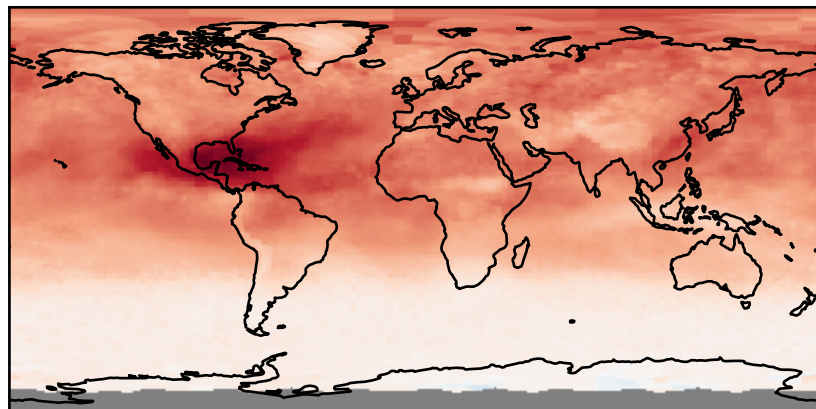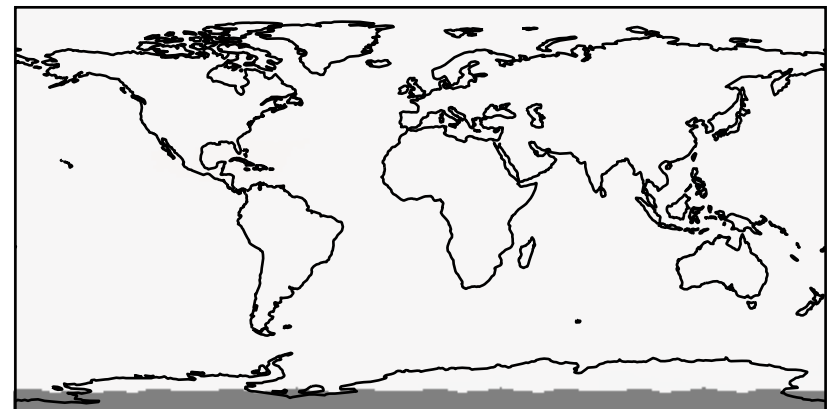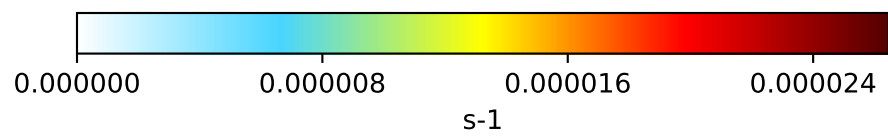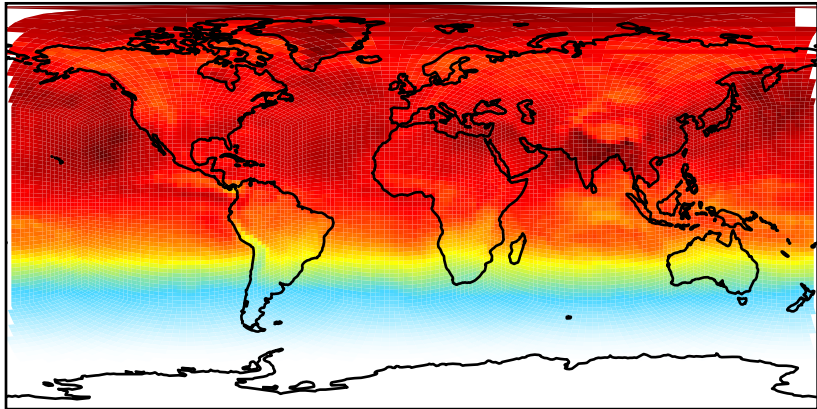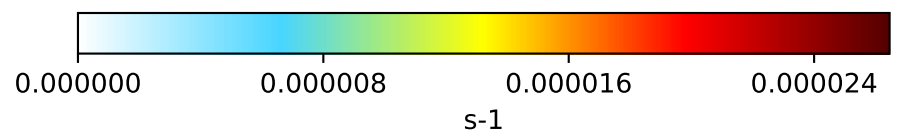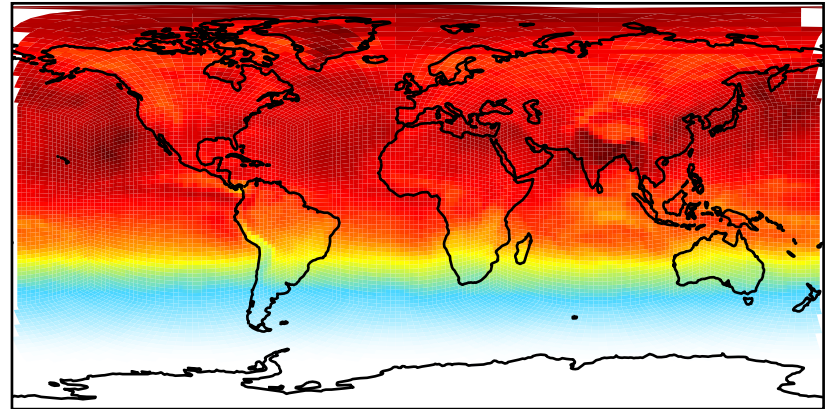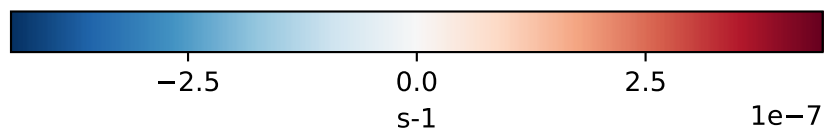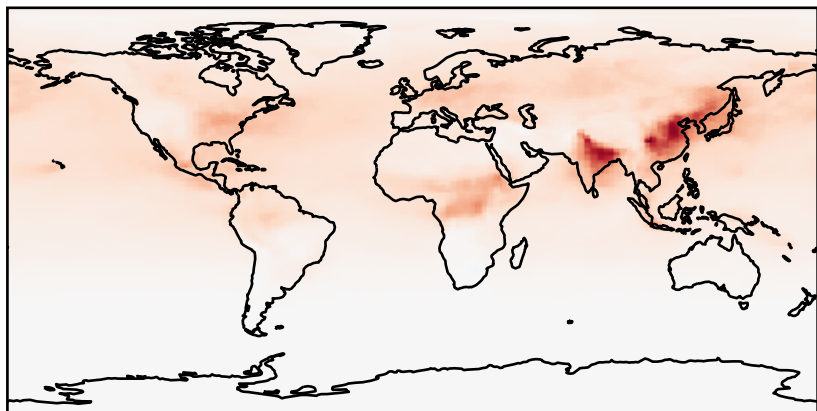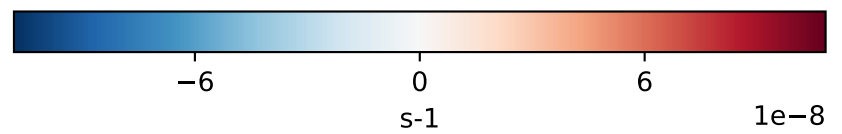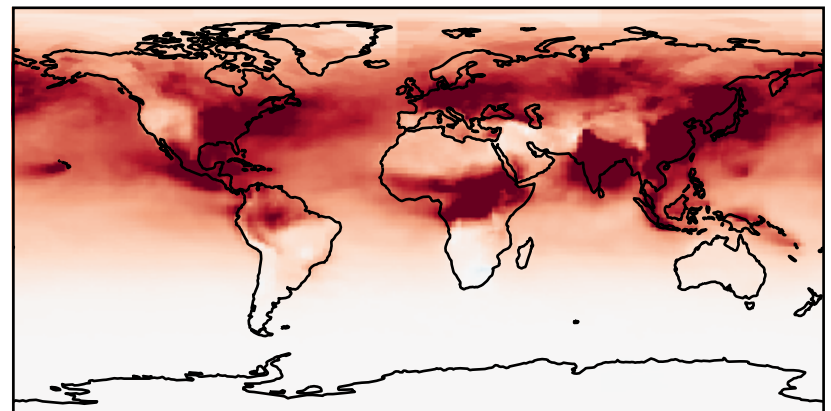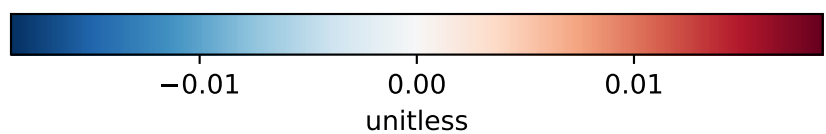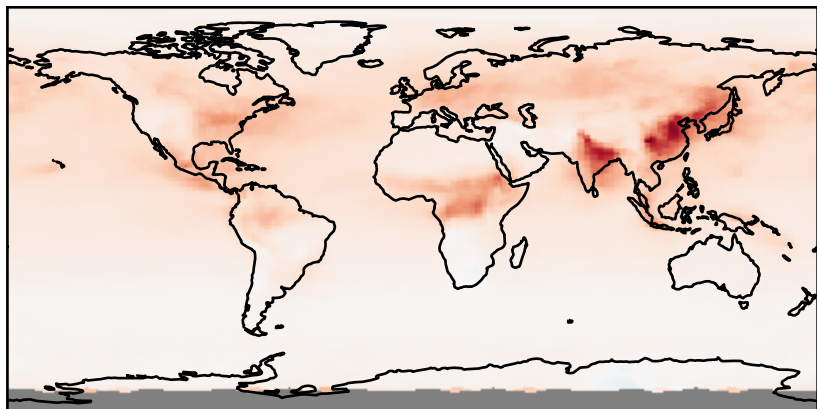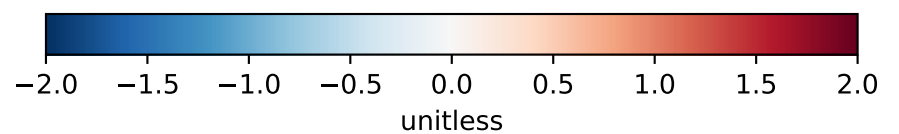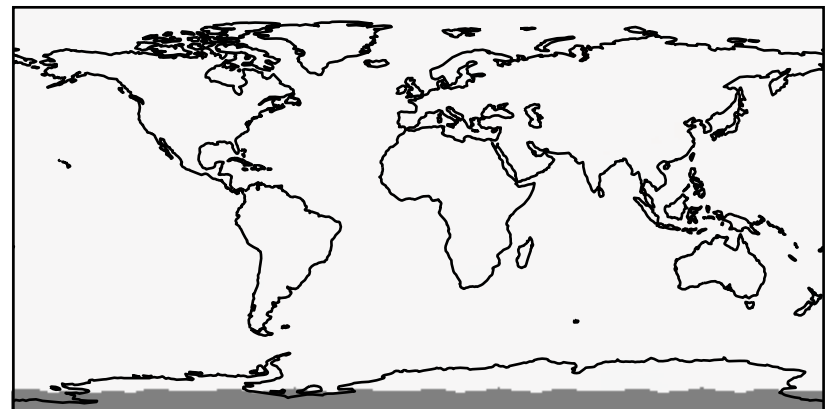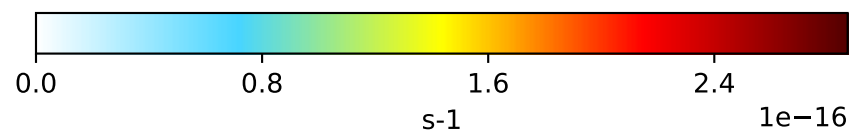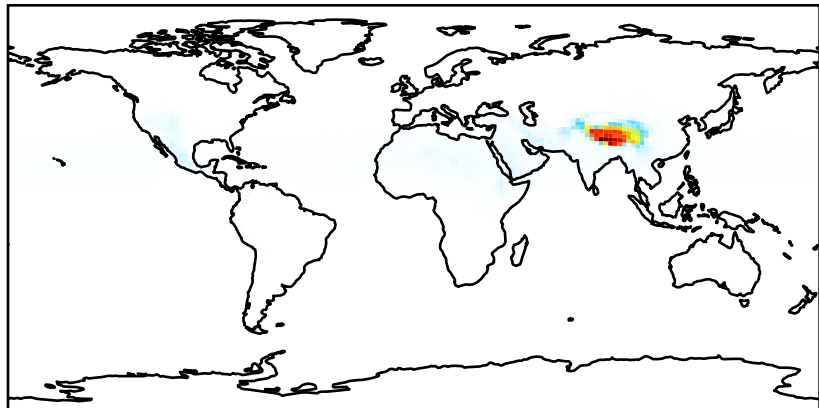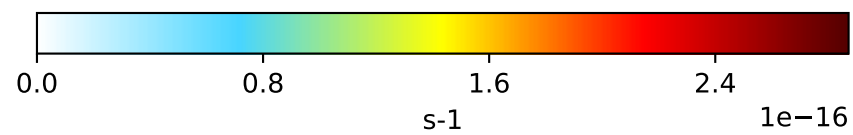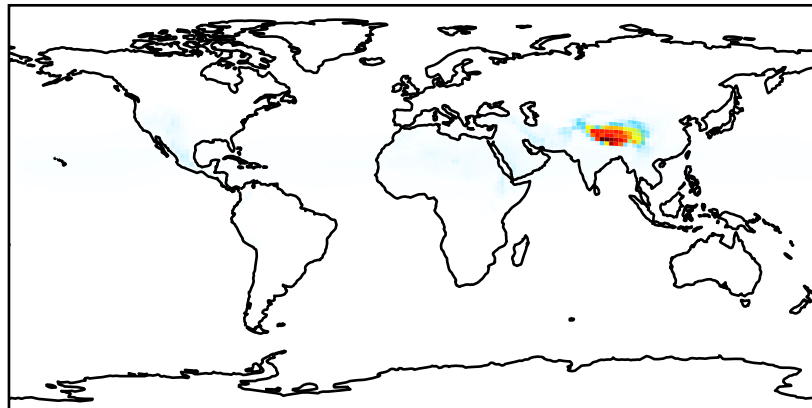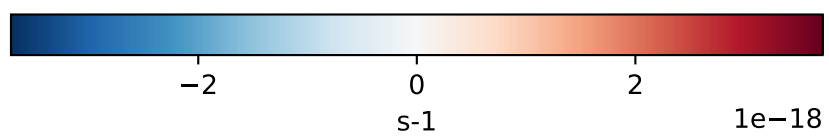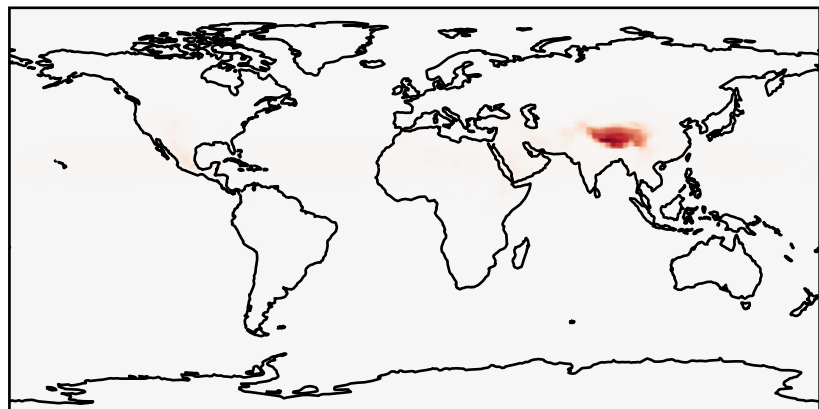s-1

Zero throughout domain
s-1
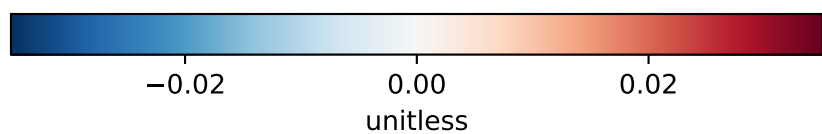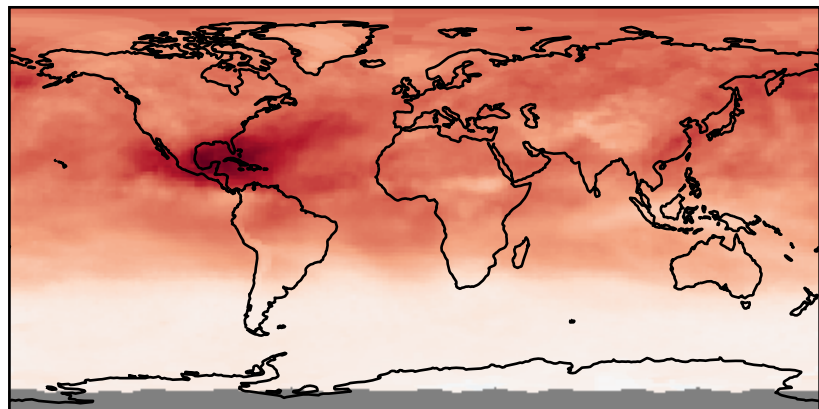
Difference (1x1.25)
Dev - Ref, Dynamic Range

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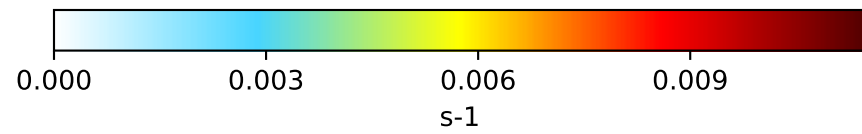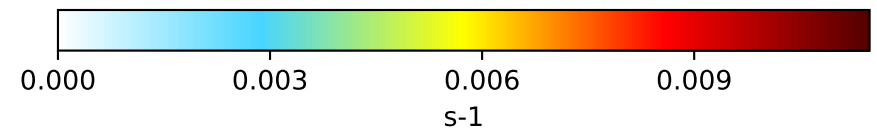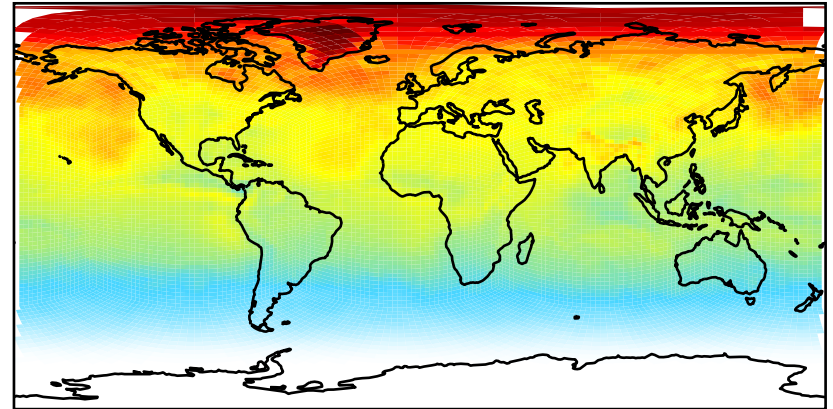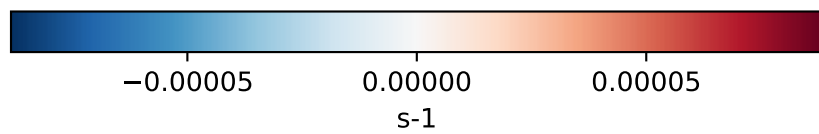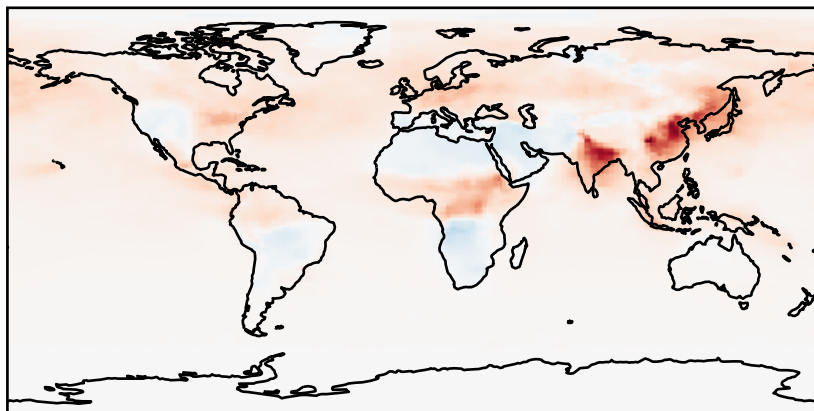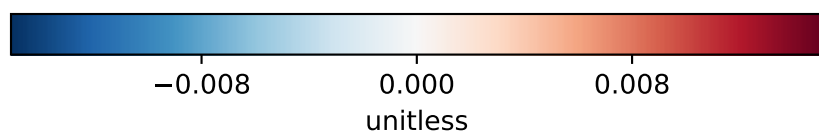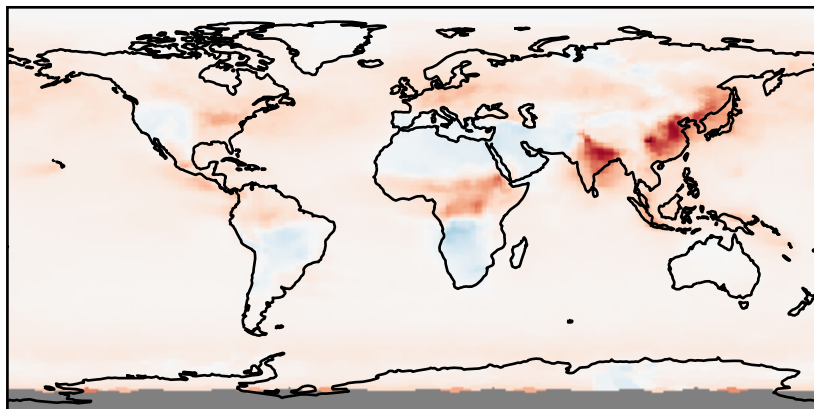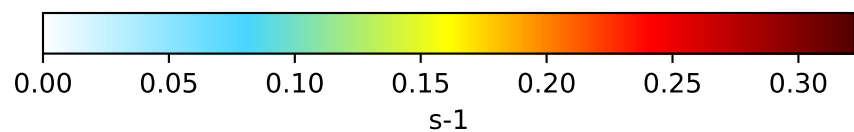Dev - Ref, Restricted Range [5%,95%]

Zero throughout domain
s-1

Zero throughout domain
s-1

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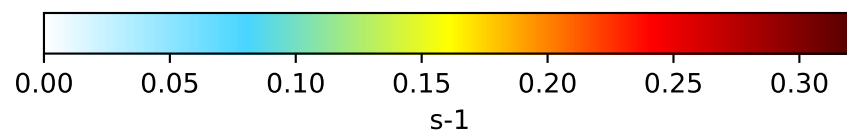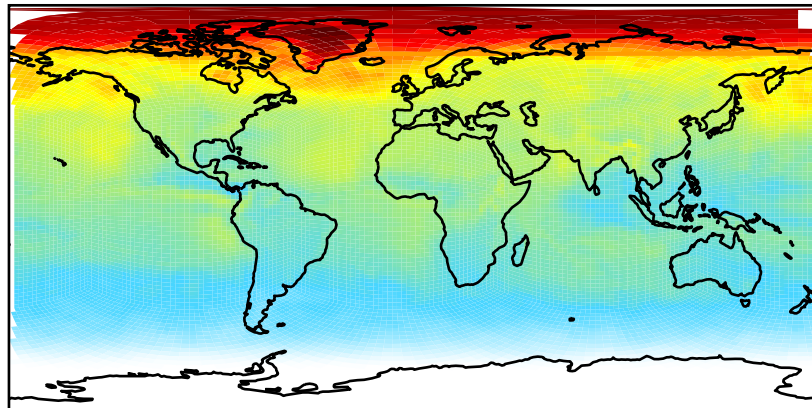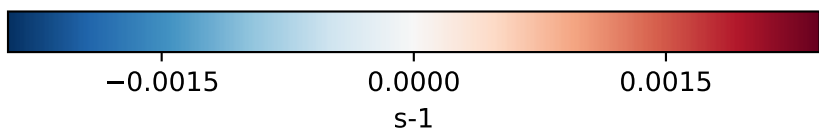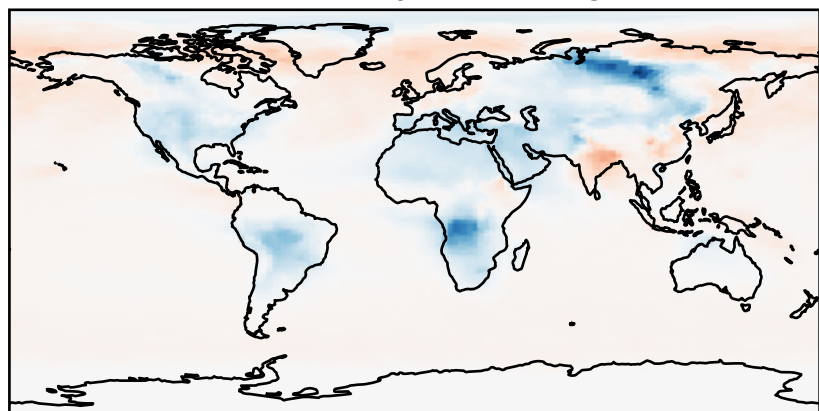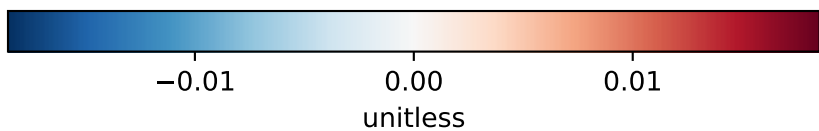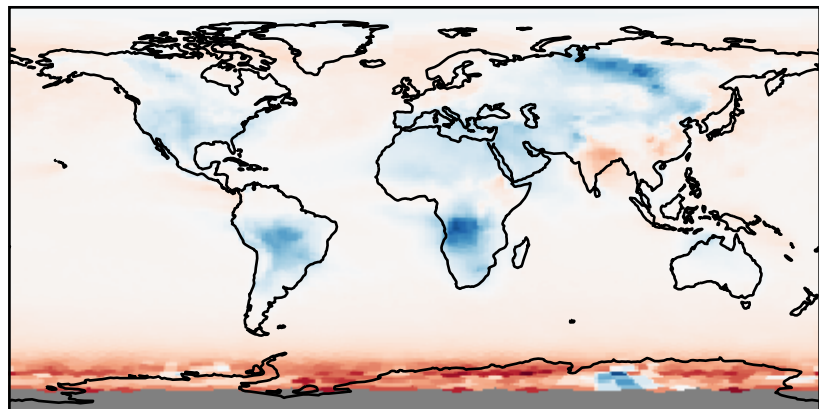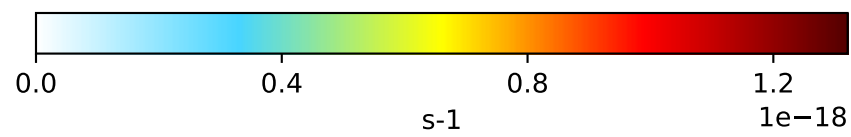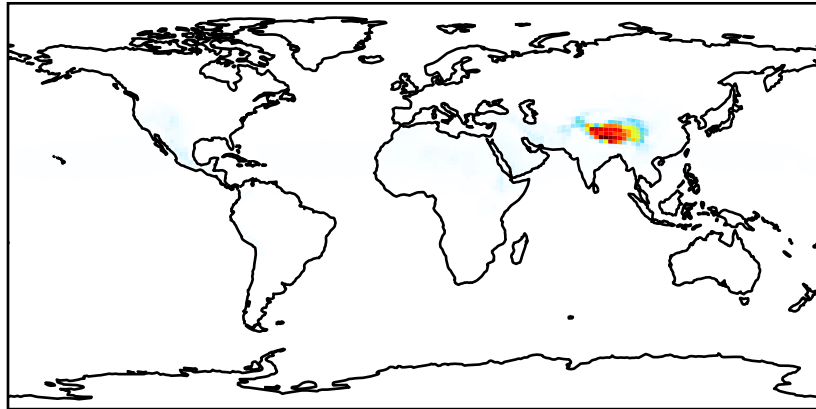
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

Undefined throughout domain
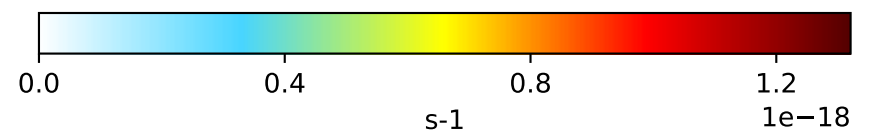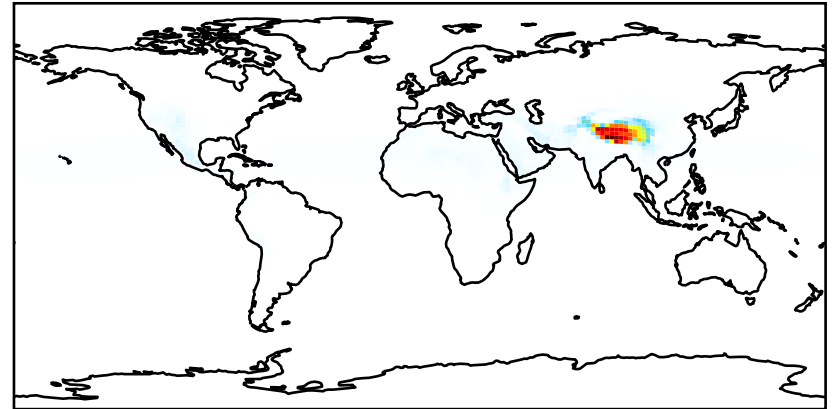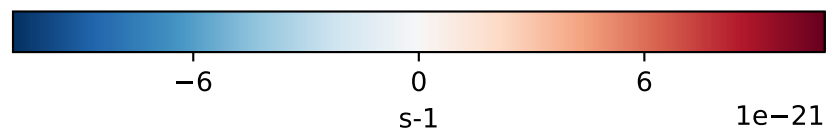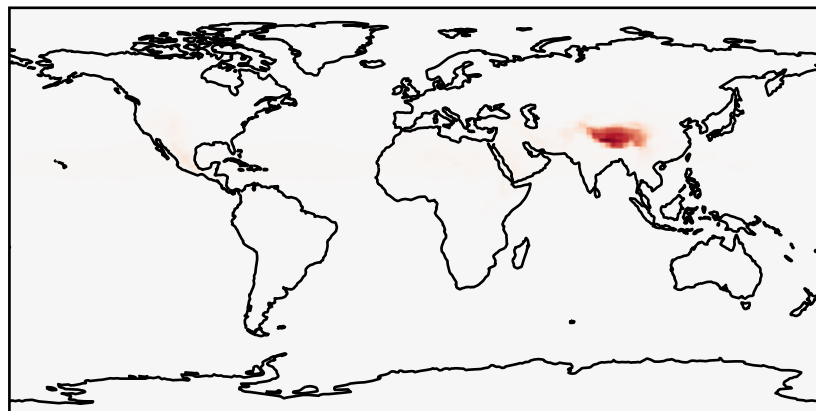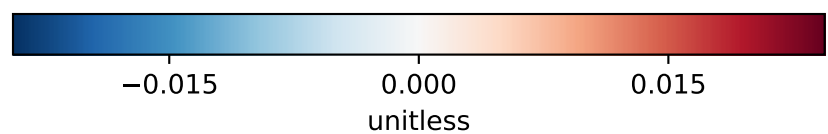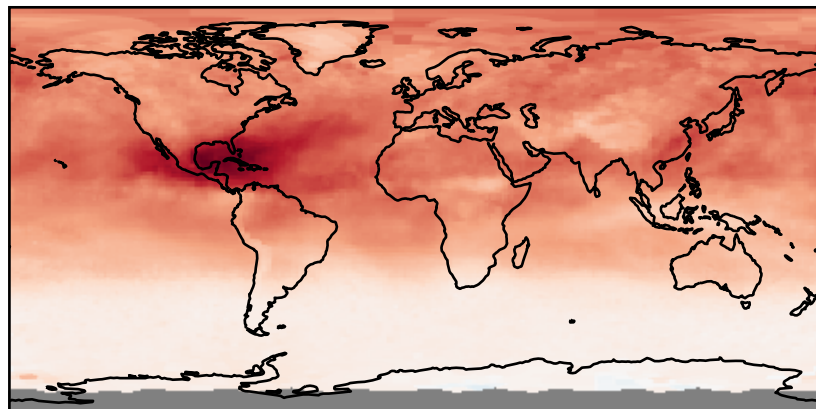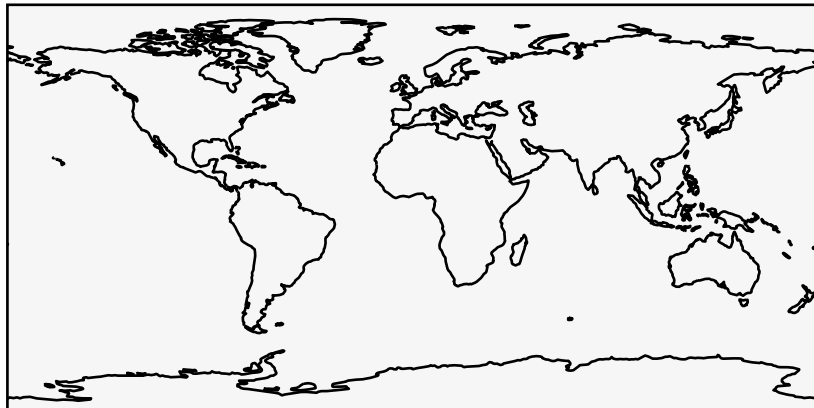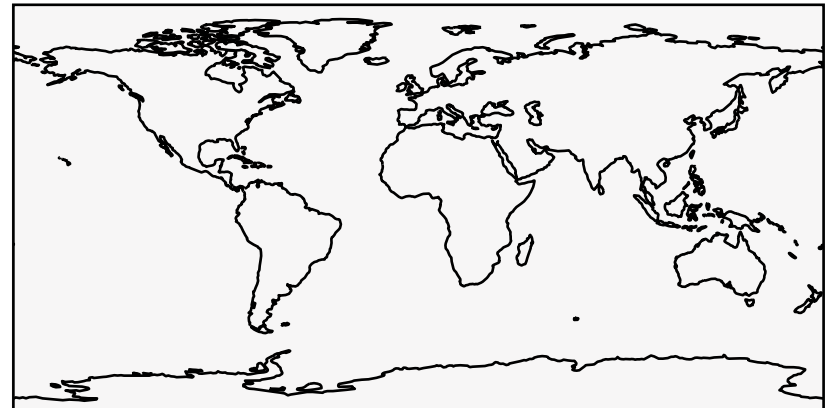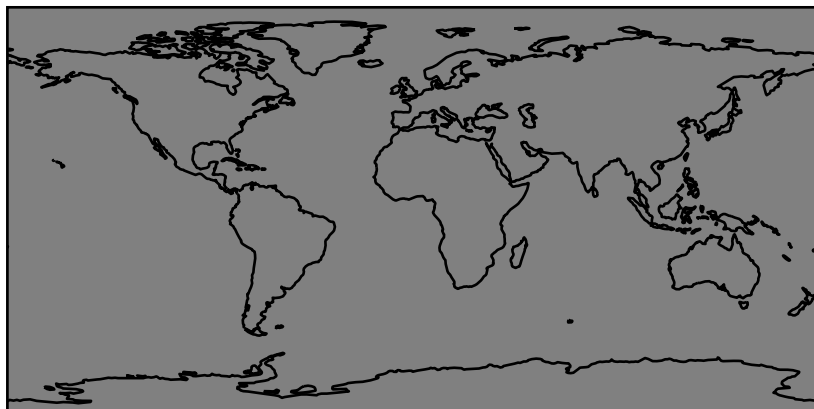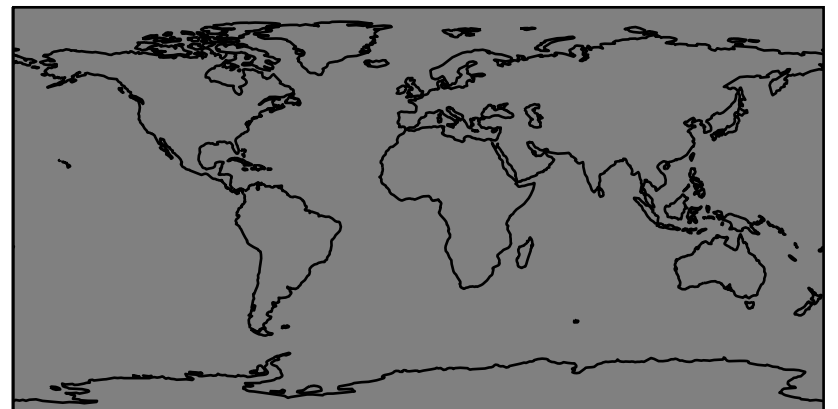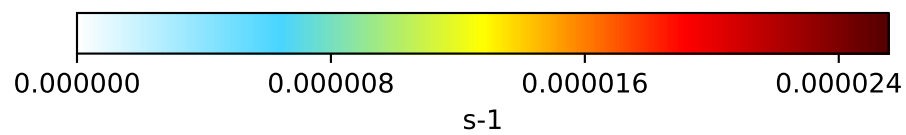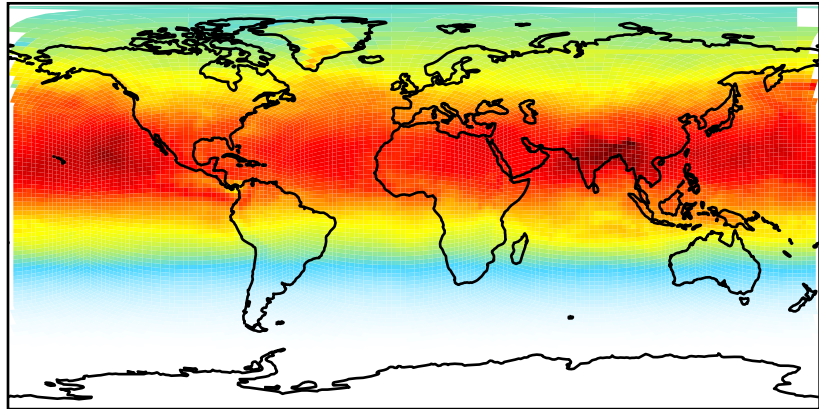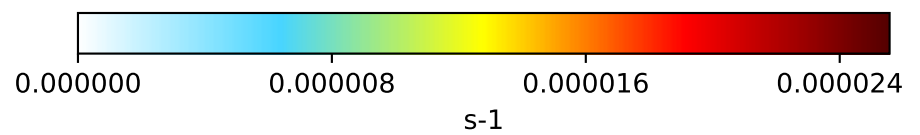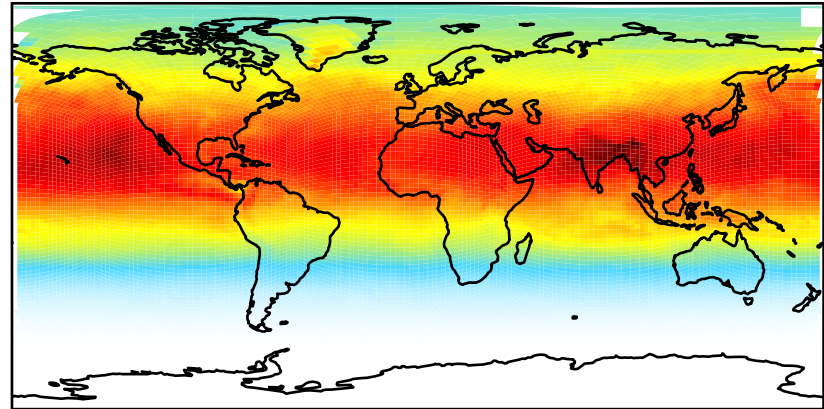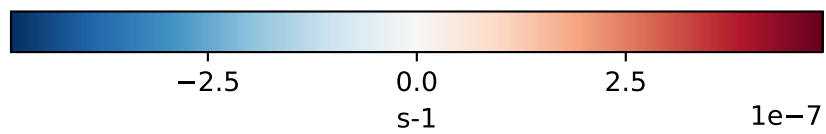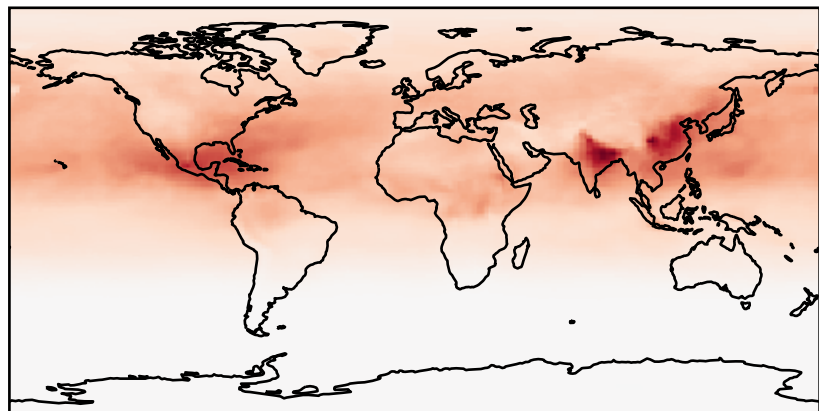unitless

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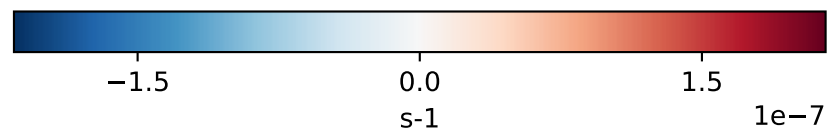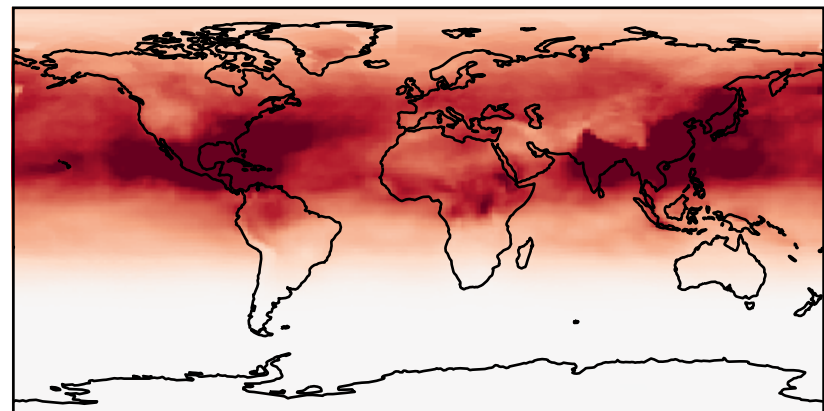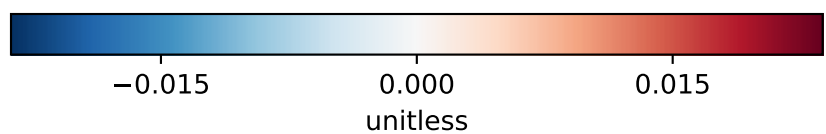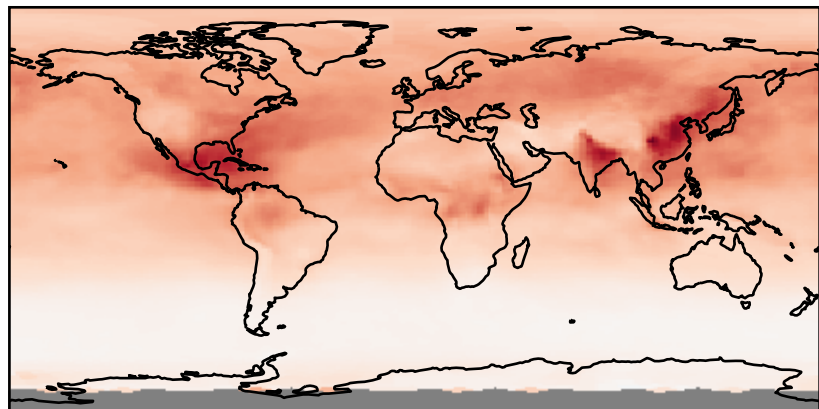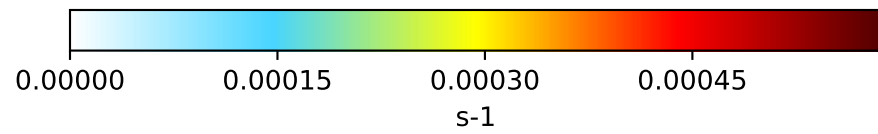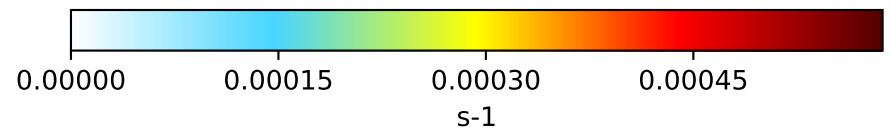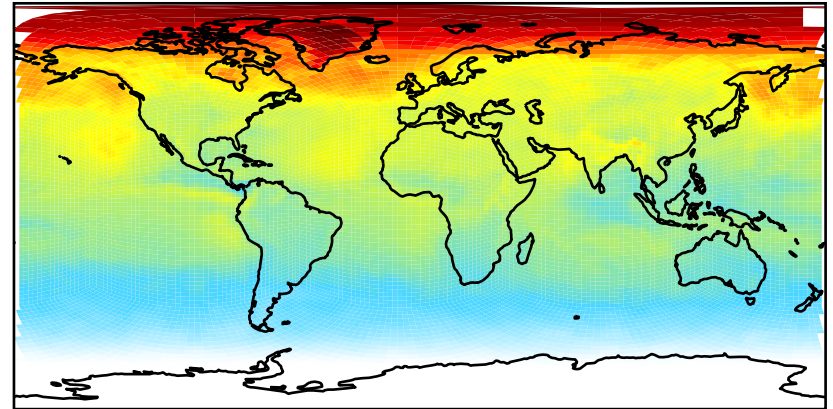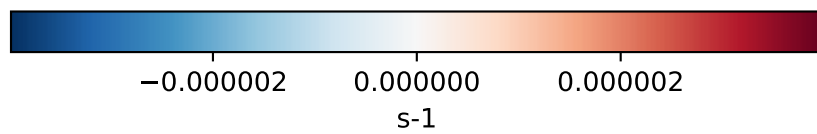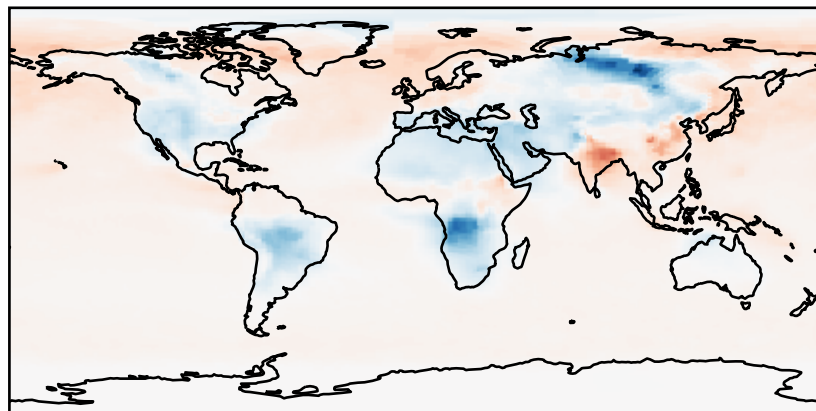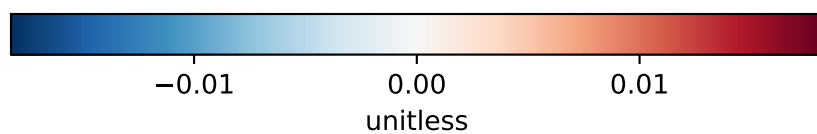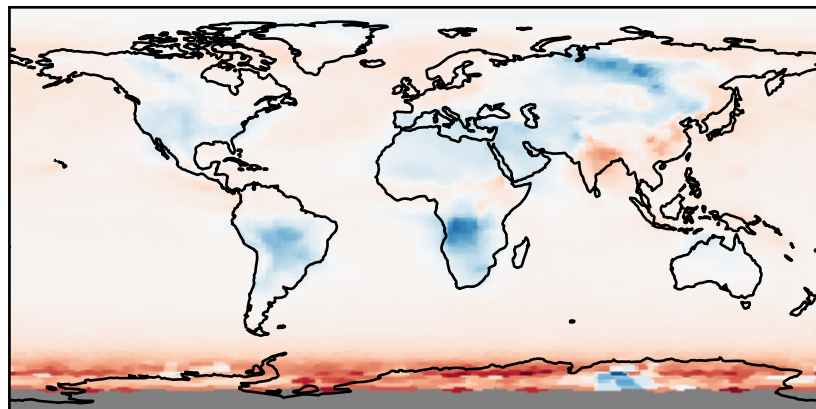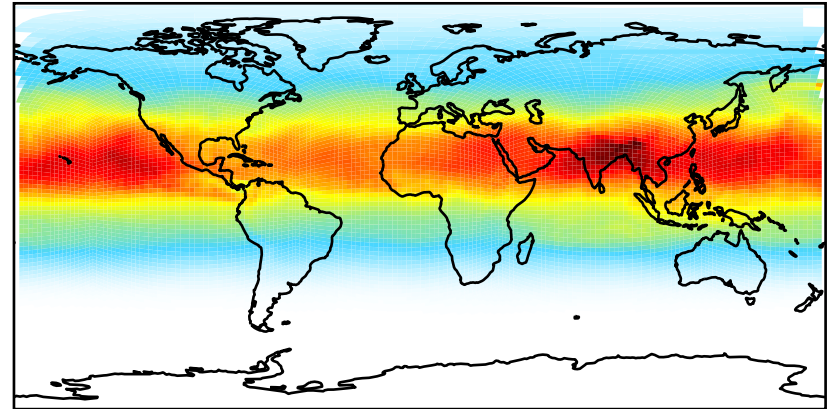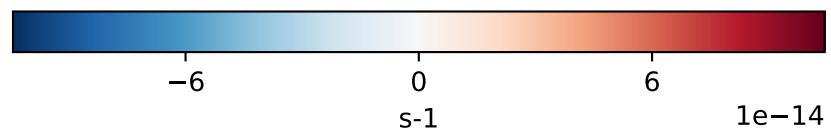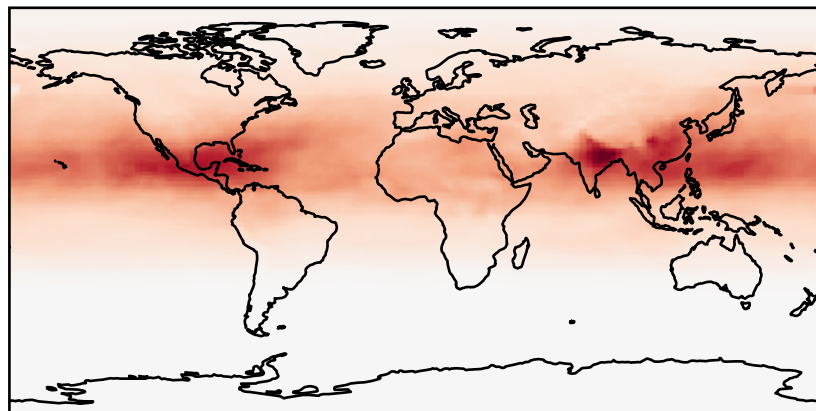unitless

Jval_RIPD

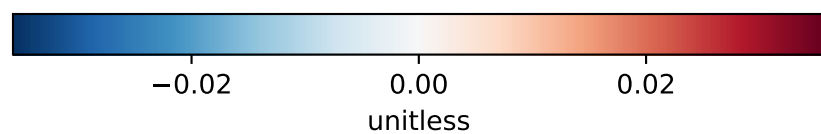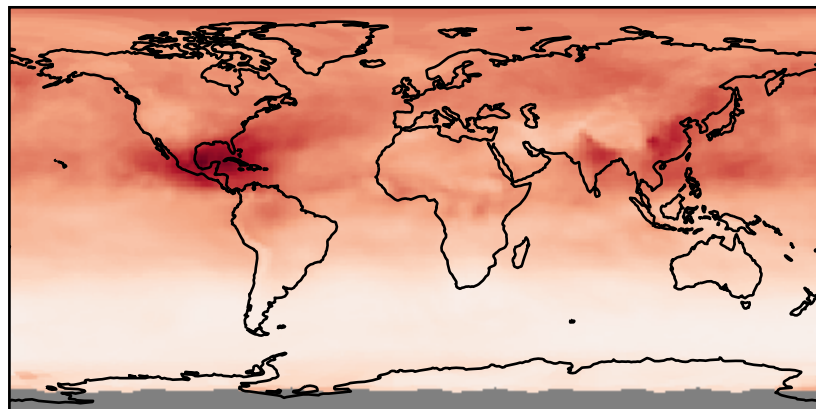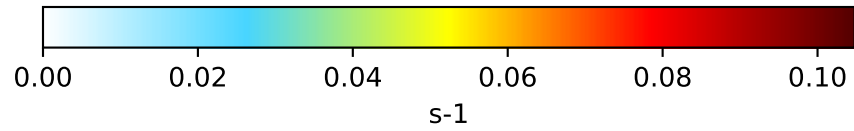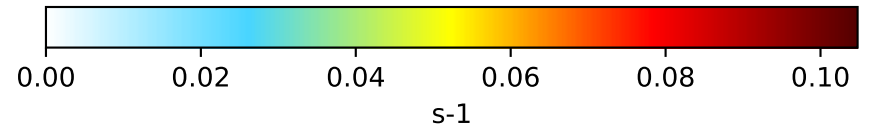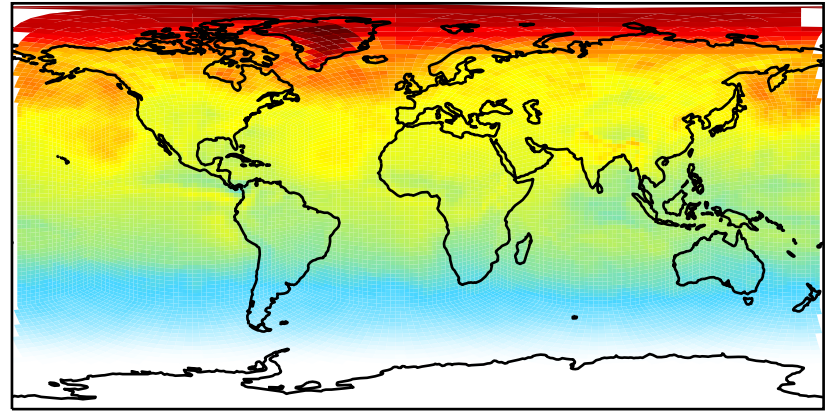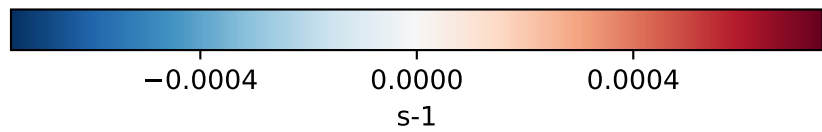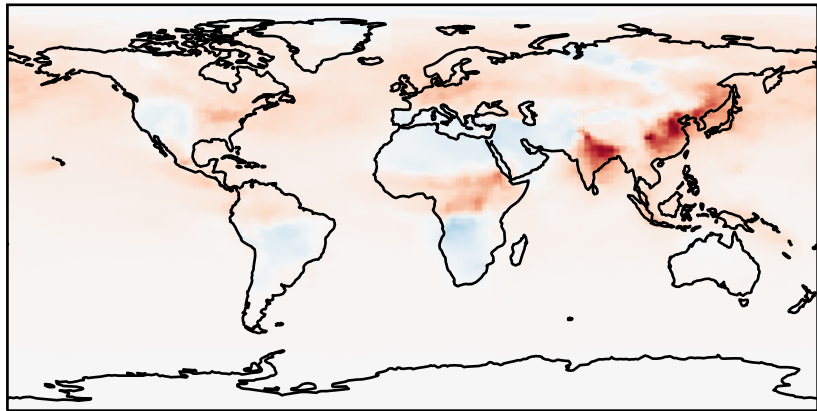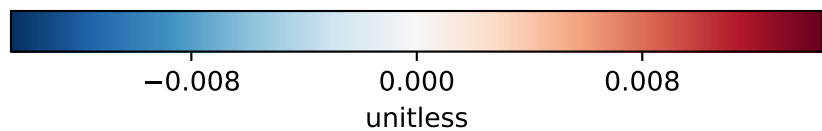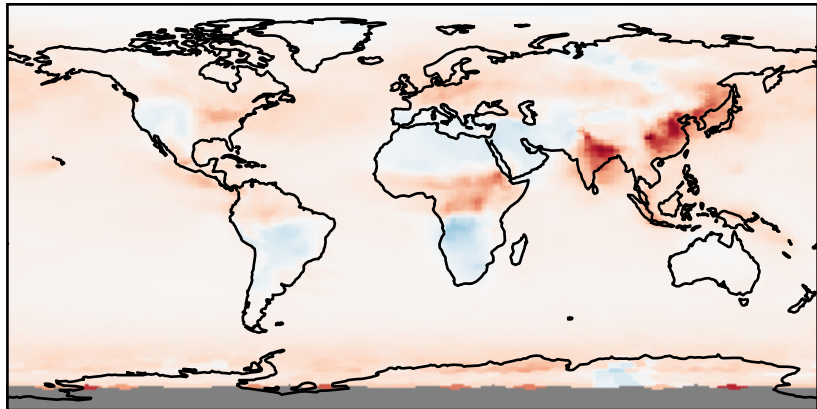| GCHP_12.5.0 (Ref) c48 | GCHP_12.6.0 (Dev) c48 |

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s-1

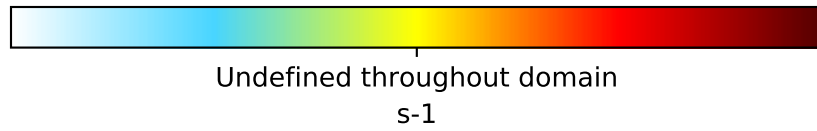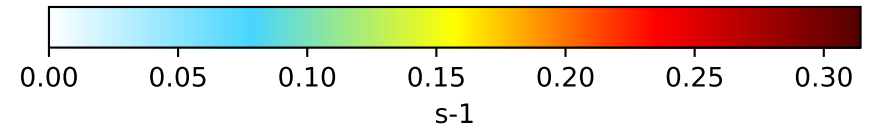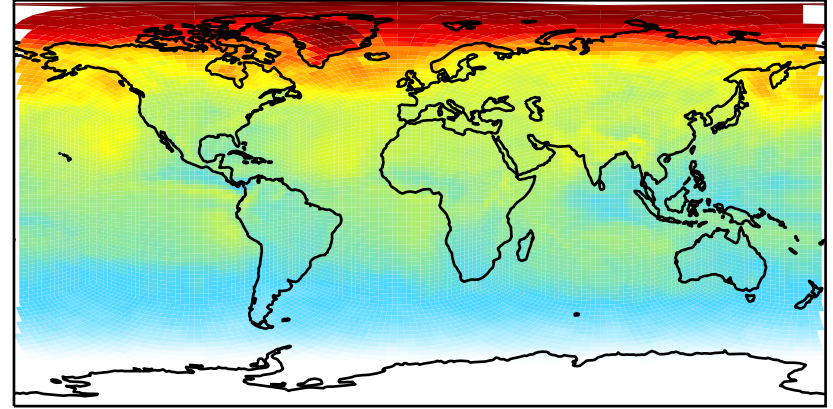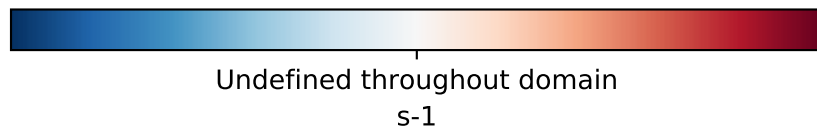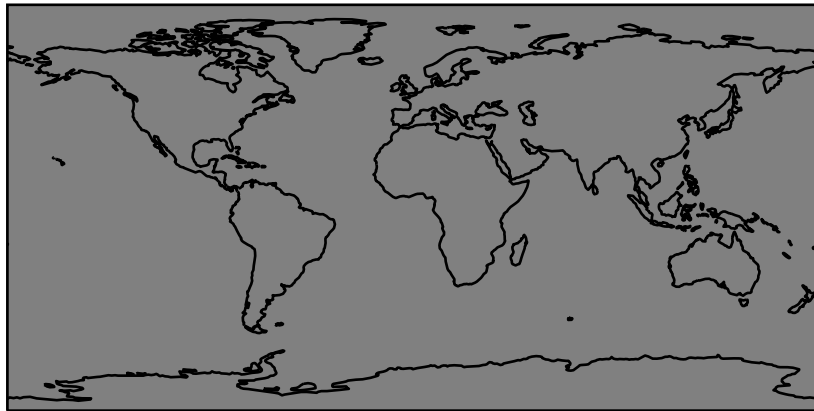Zero throughout domain
s-1
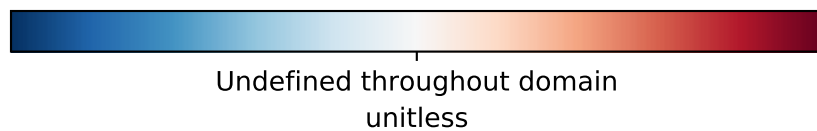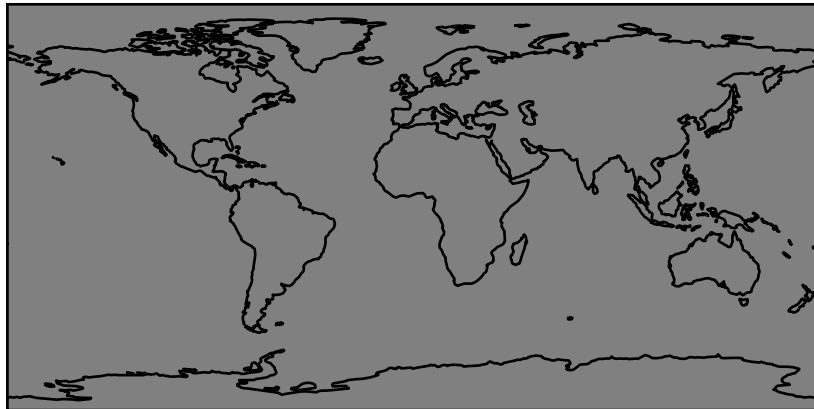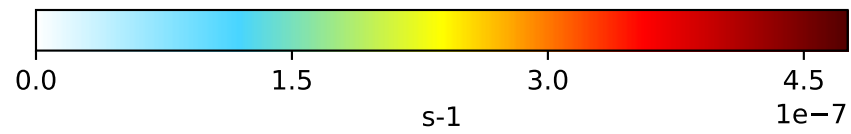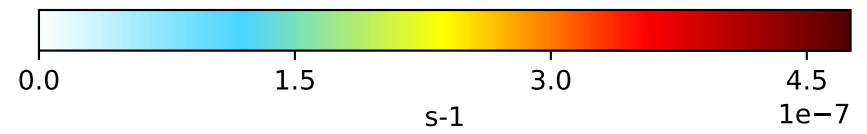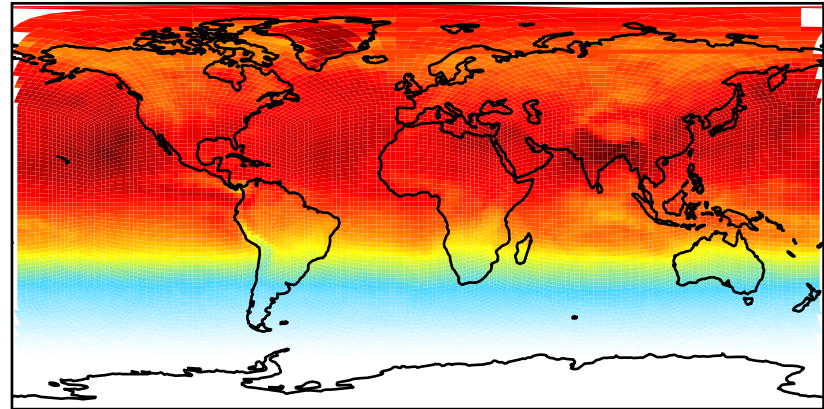
| Difference (1x1.25) Dev - Ref, Dynamic Range | Difference (1x1.25) Dev - Ref, Restricted Range [5%,95%] |

Zero throughout domain
s-1

Zero throughout domain
s-1

| Fractional Difference (1x1.25) (Dev-Ref)/Ref, Dynamic Range | Fractional Difference (1x1.25) (Dev-Ref)/Ref, Fixed Range |

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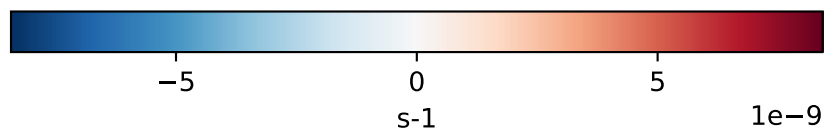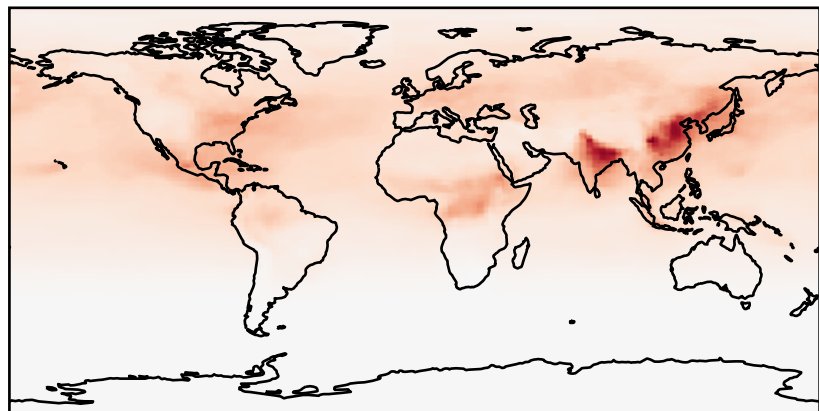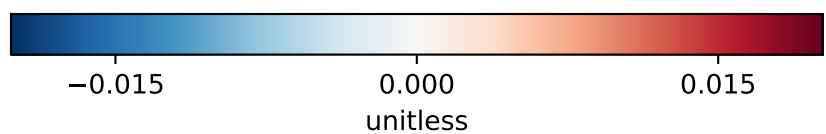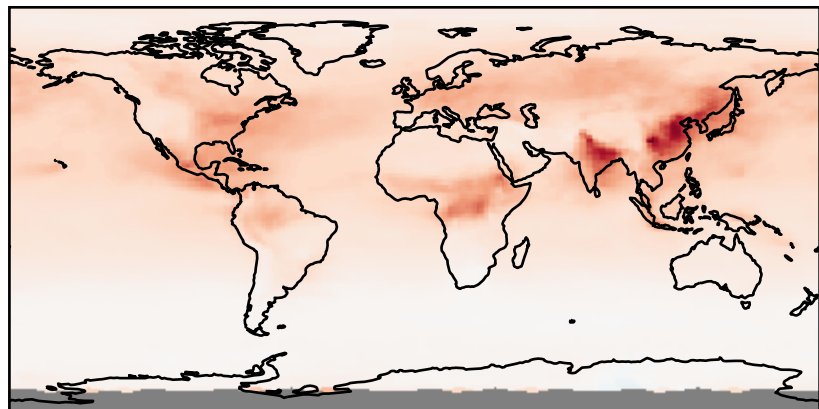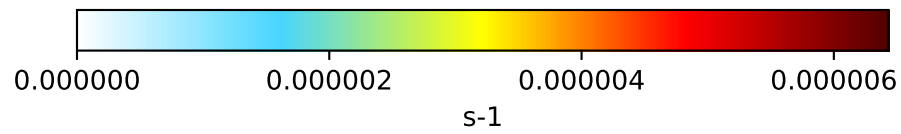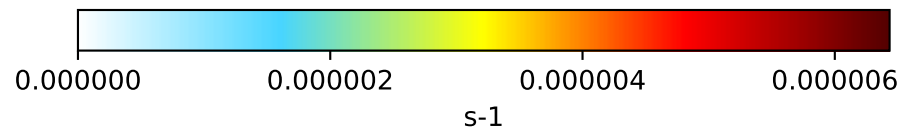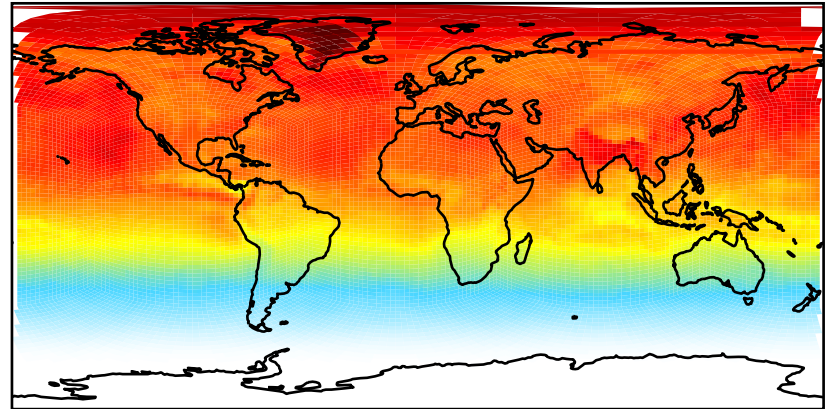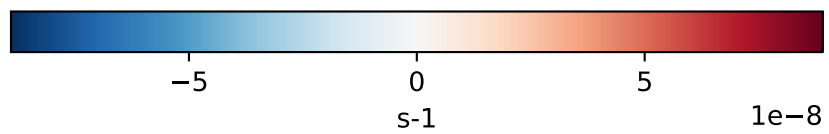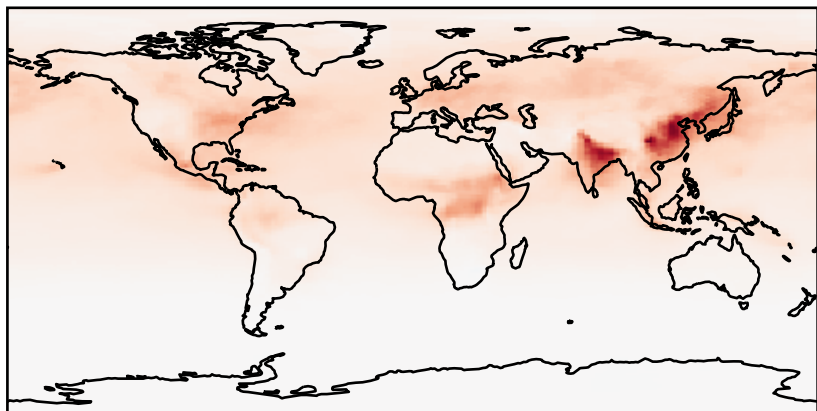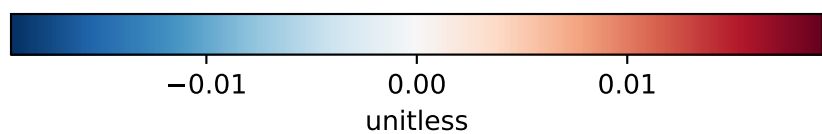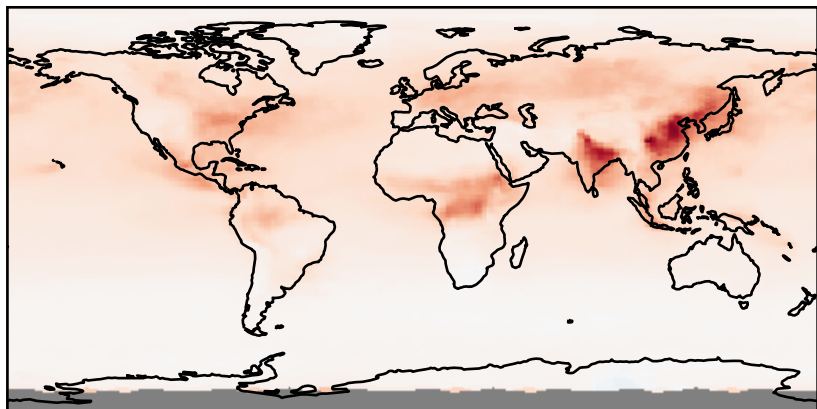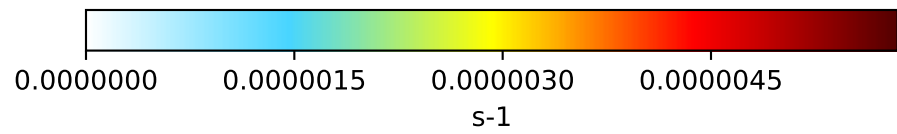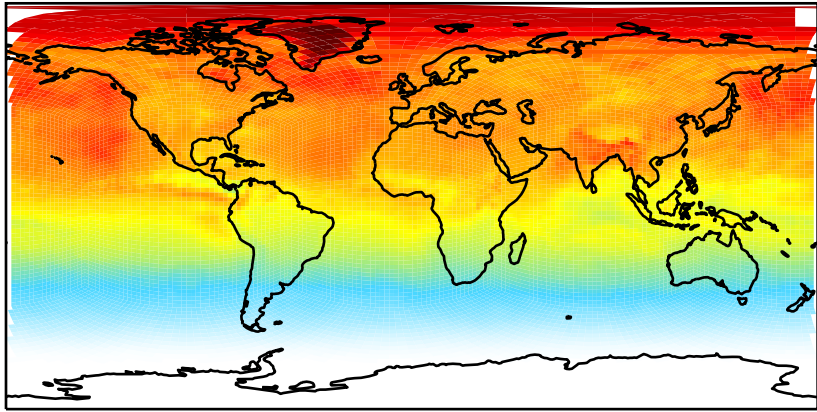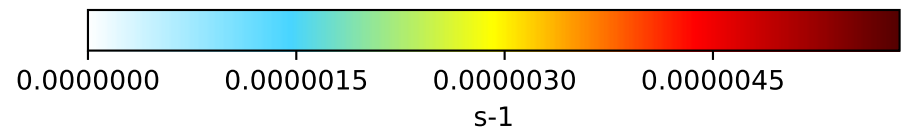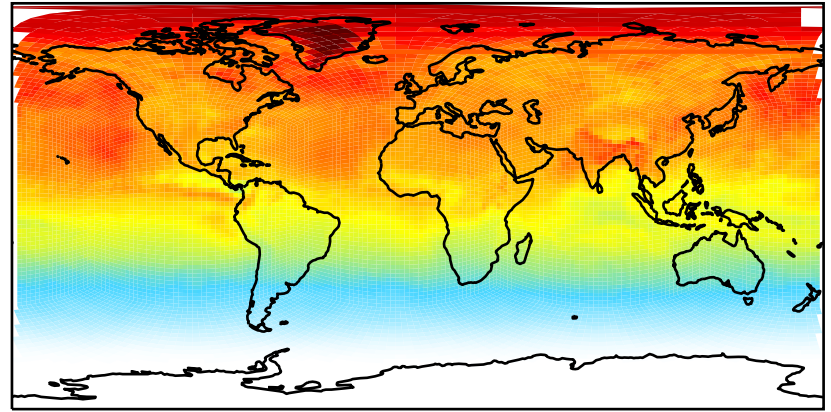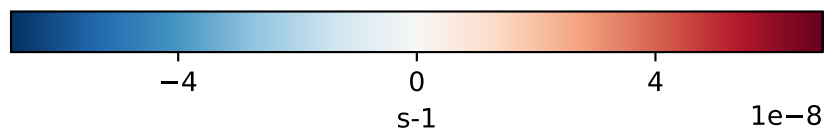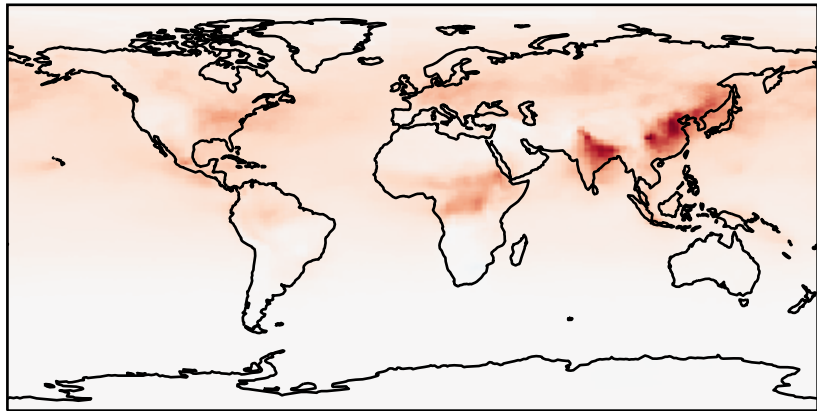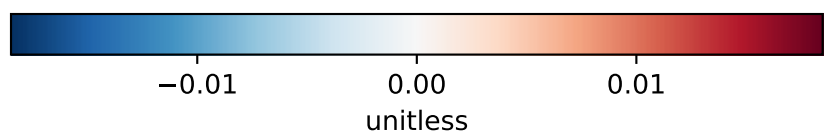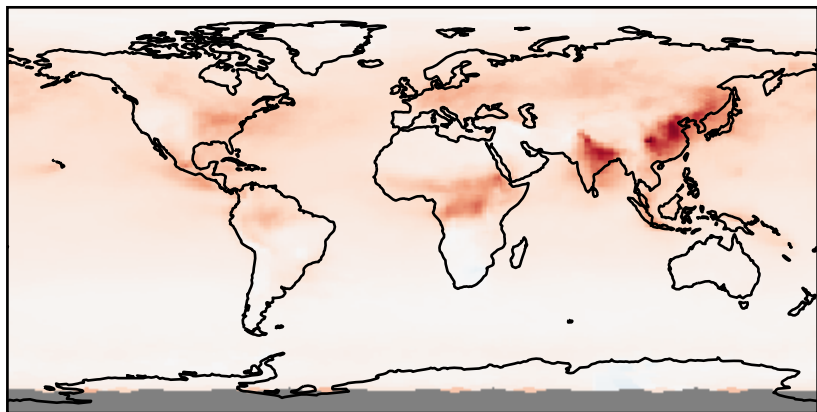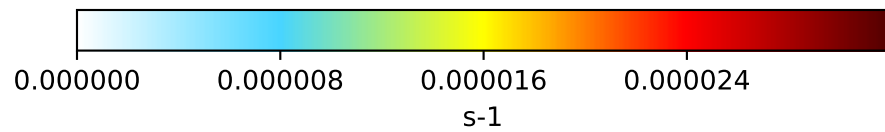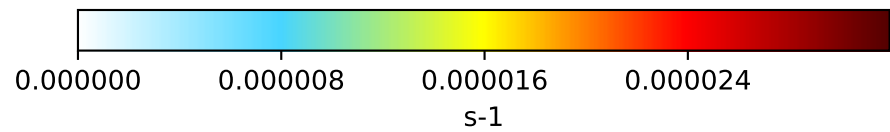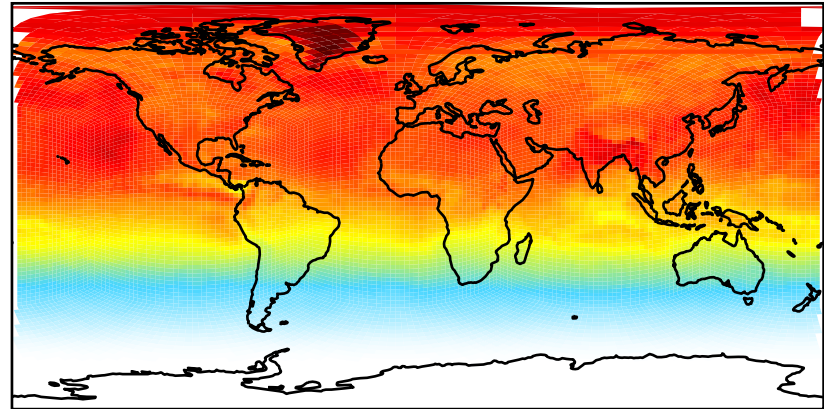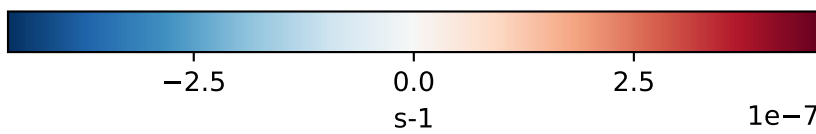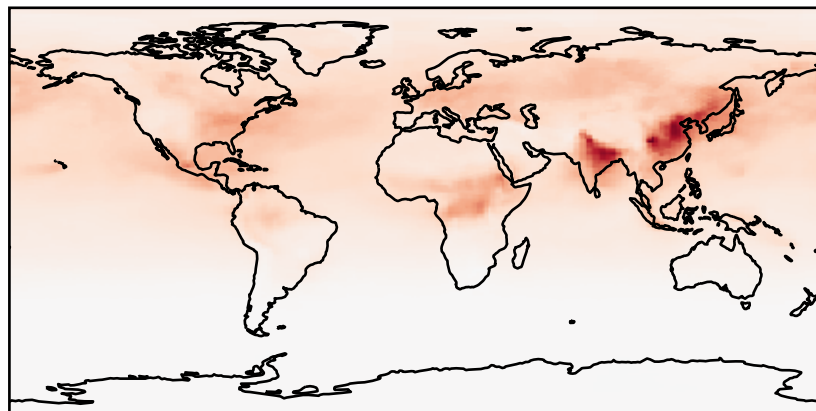unitless

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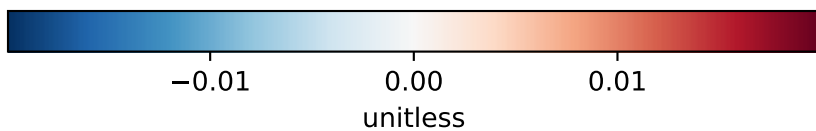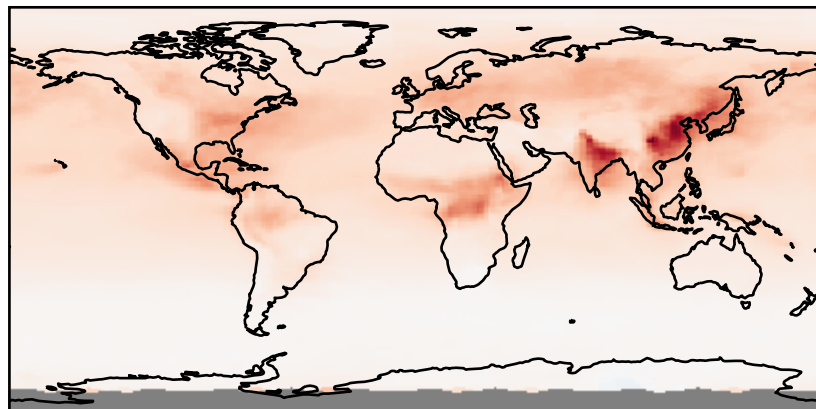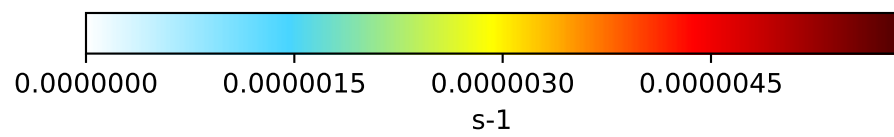unitless

Jval_RP

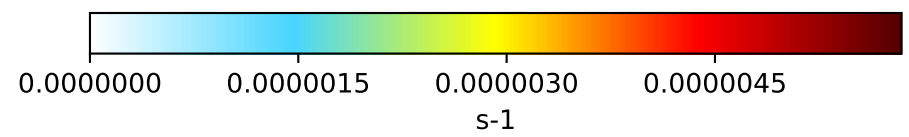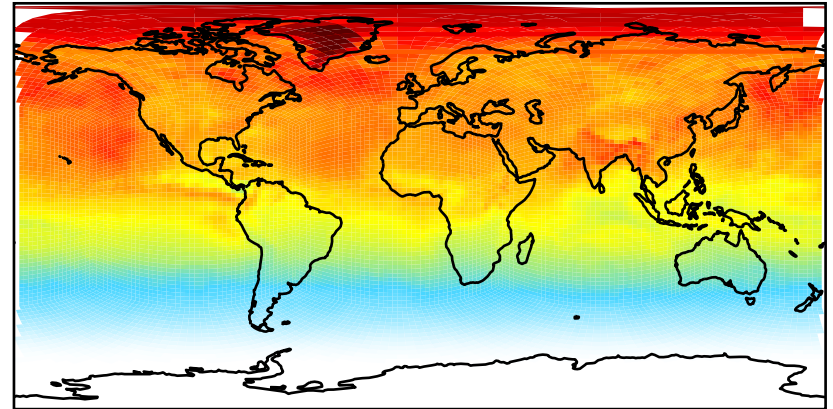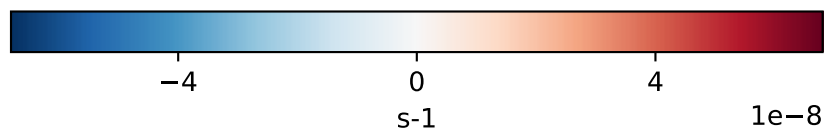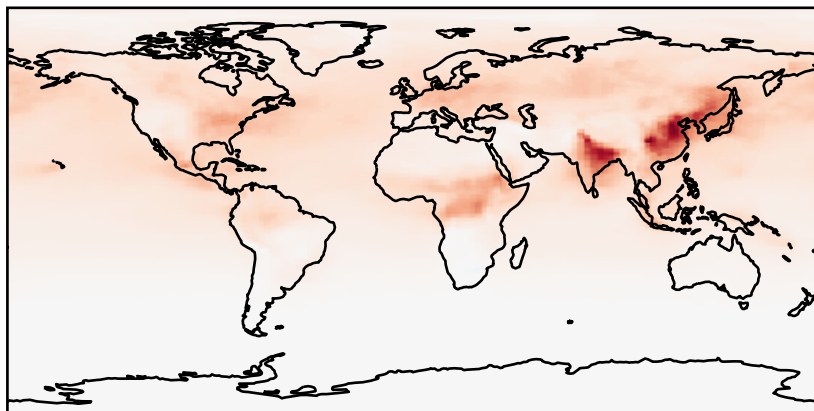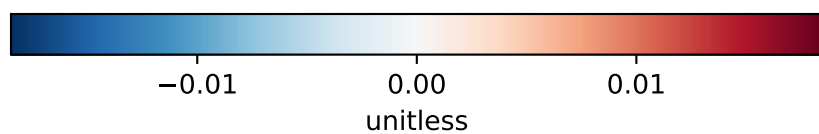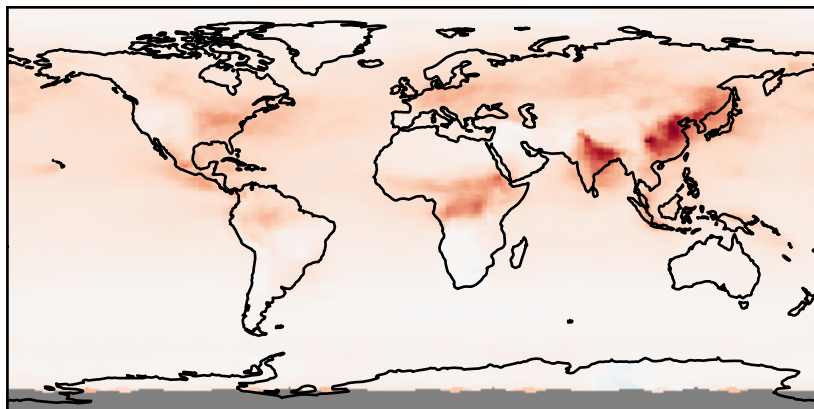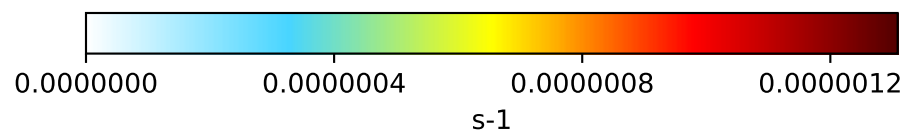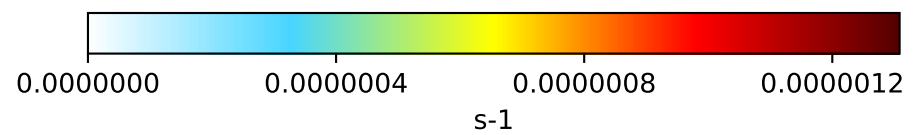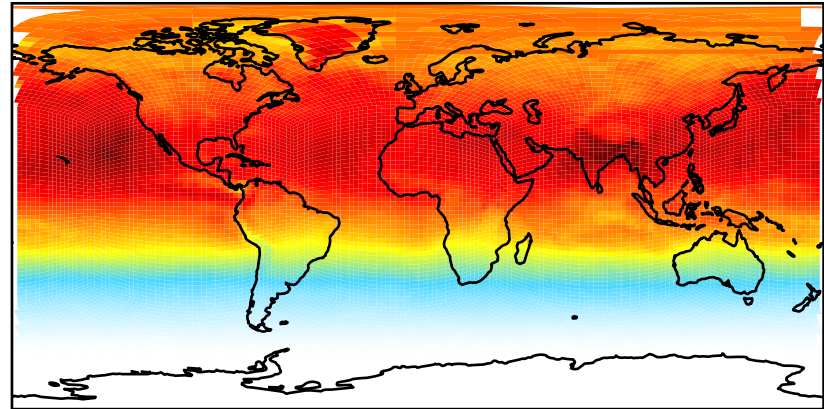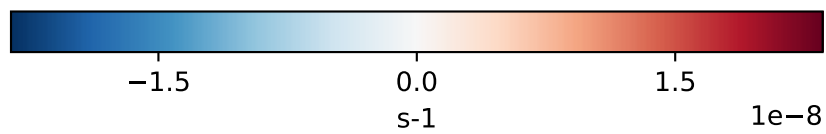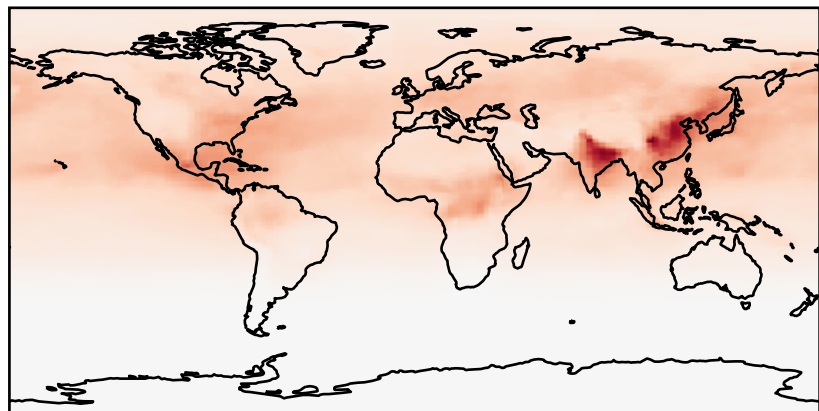# Jval_SO4

GCHP_12.5.0 (Ref)
c48

GCHP_12.6.0 (Dev)
c48

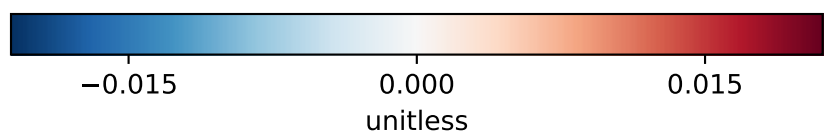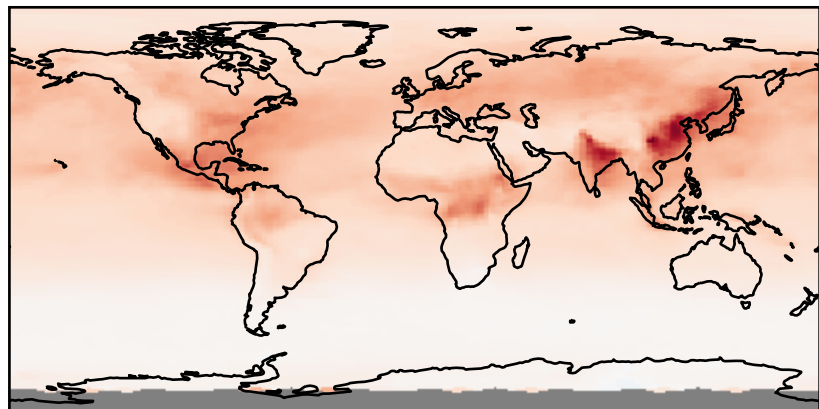Zero throughout domain
s-1
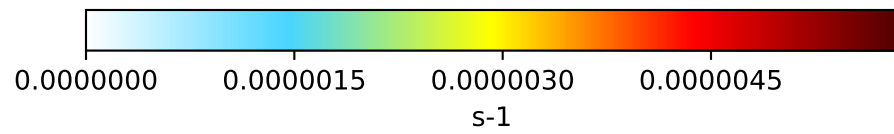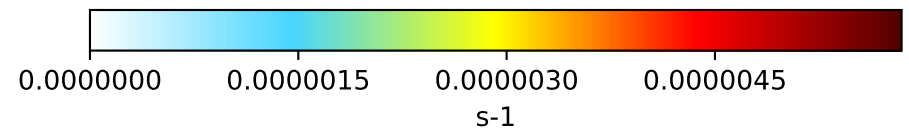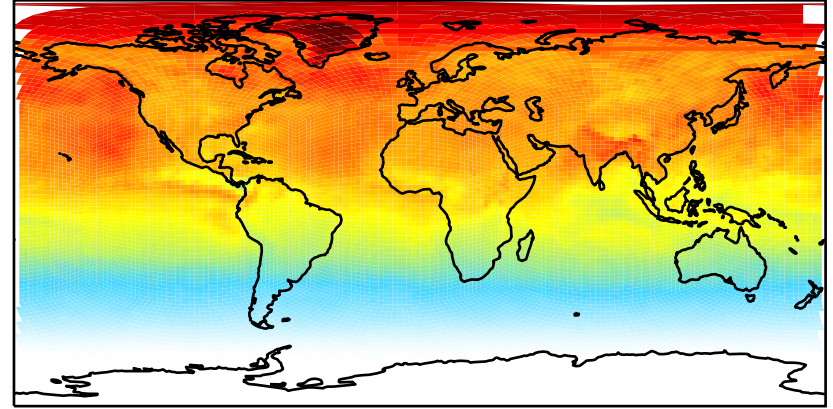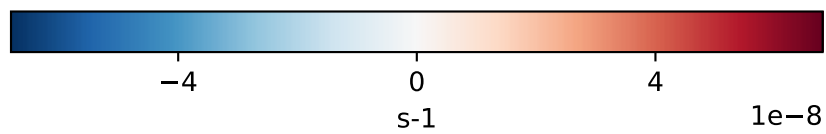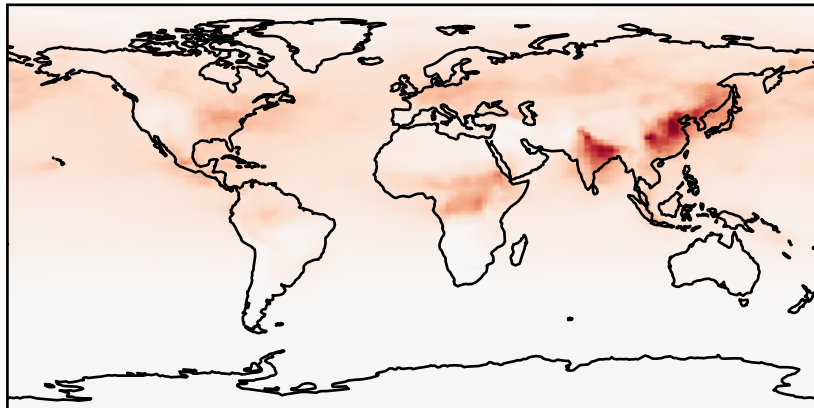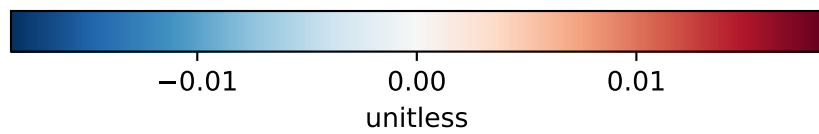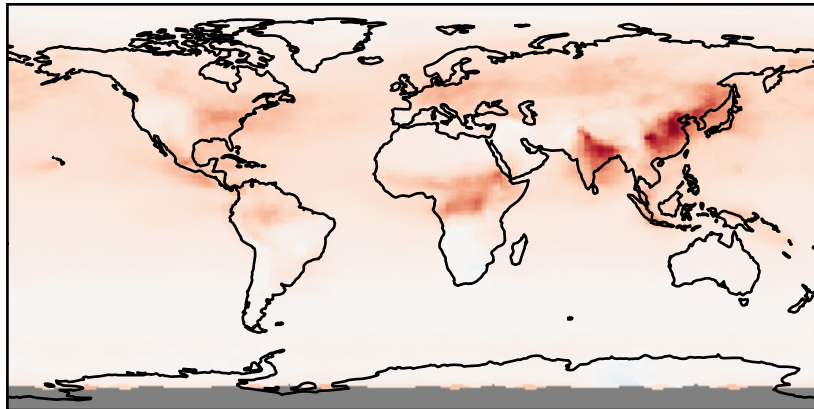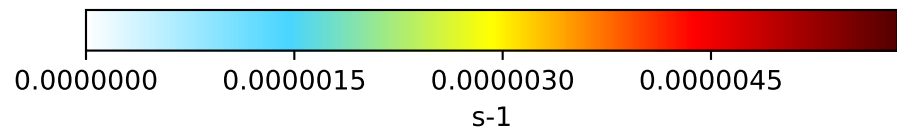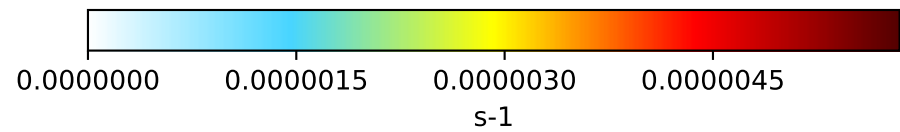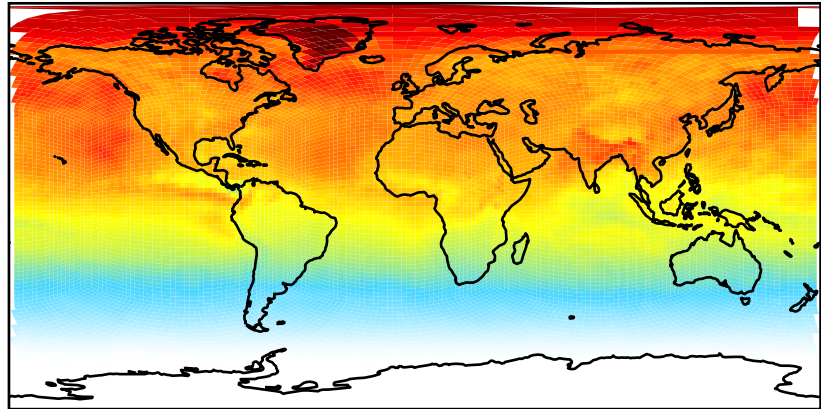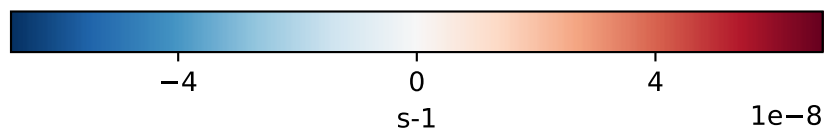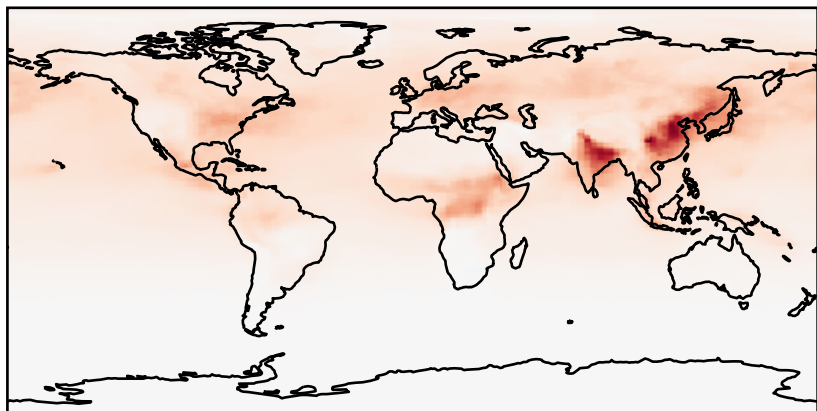
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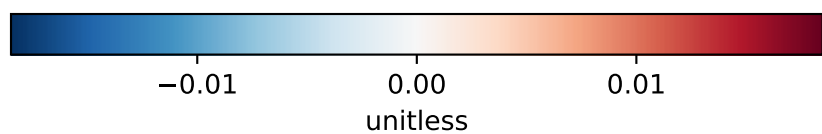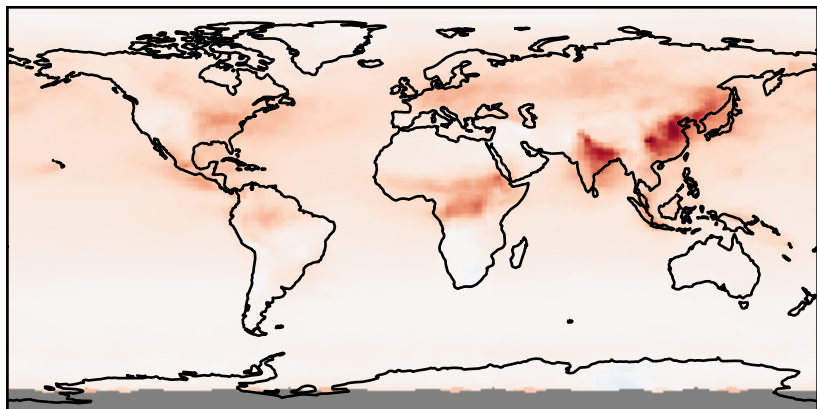
Difference (1x1.25)
Dev - Ref, Dynamic Range

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

Zero throughout domain
s-1

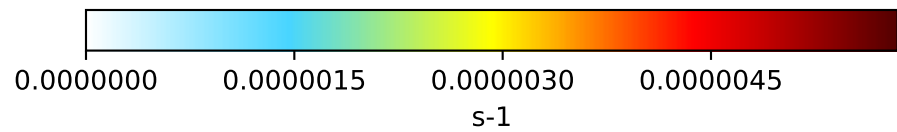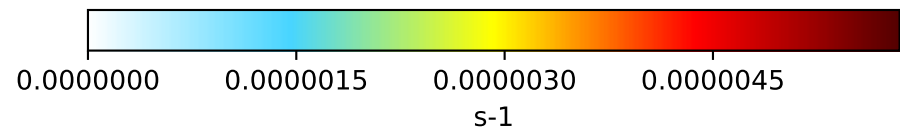Zero throughout domain
s-1

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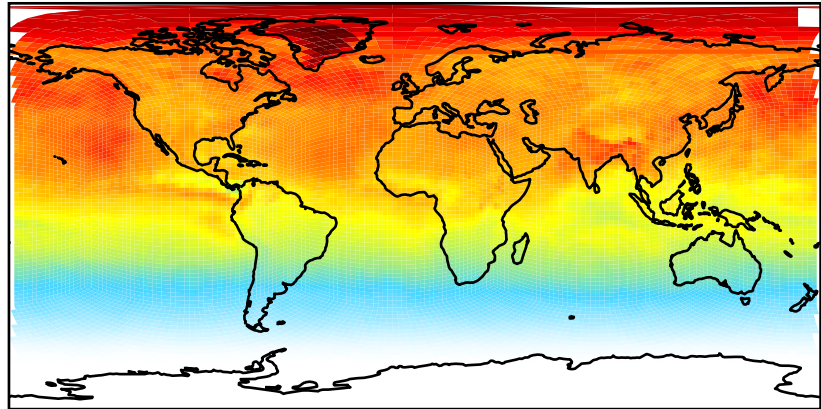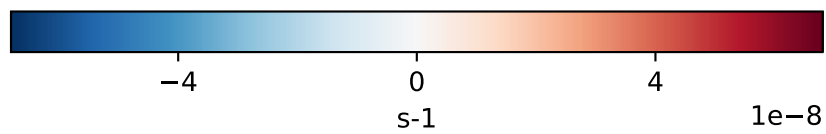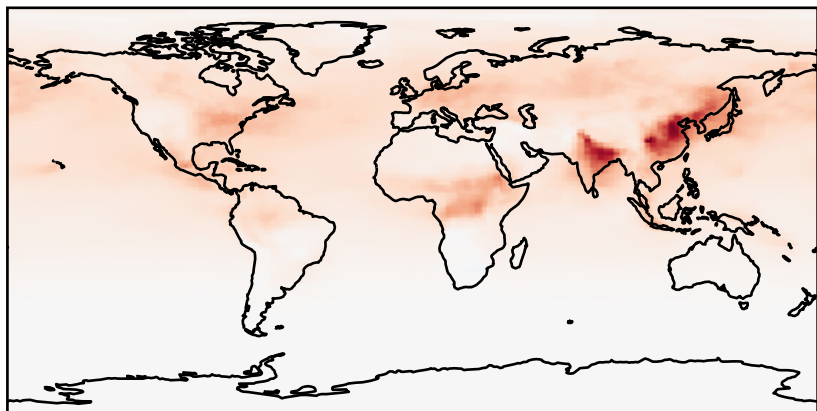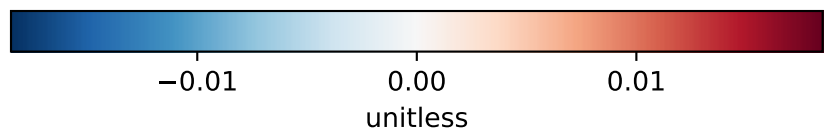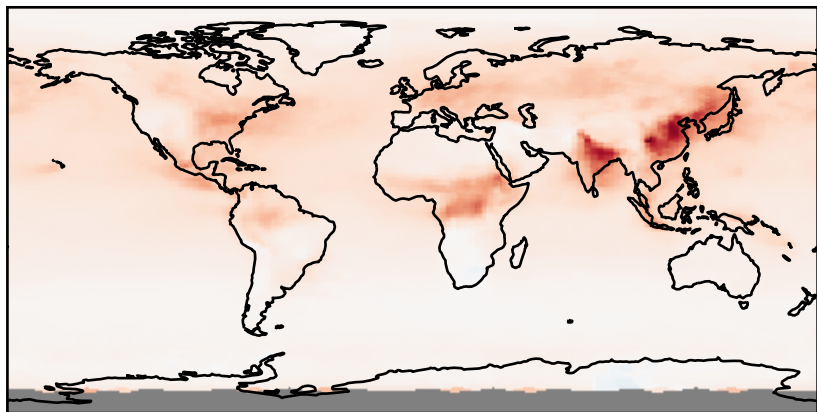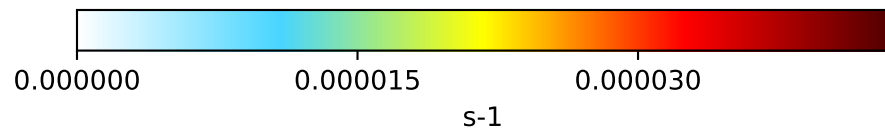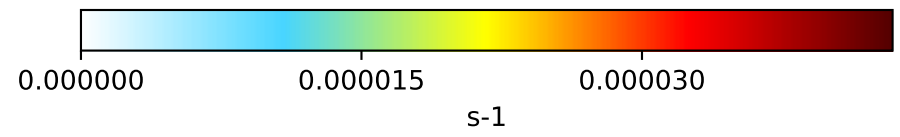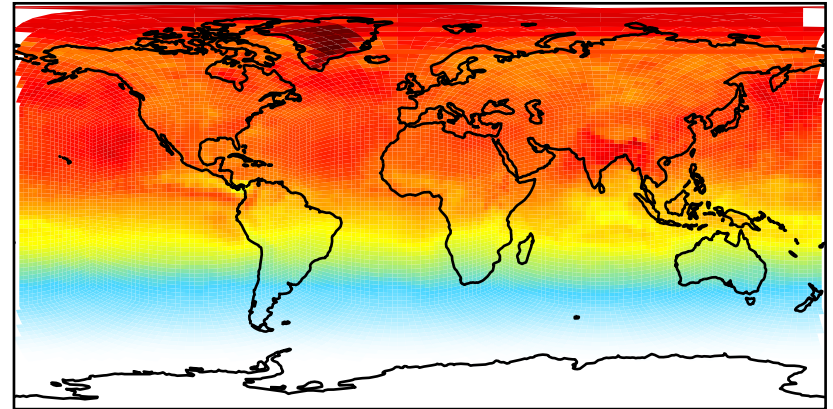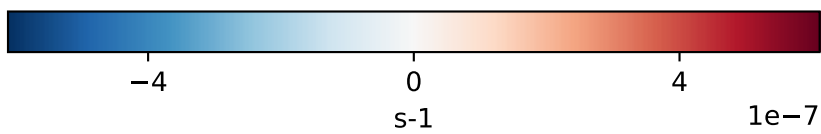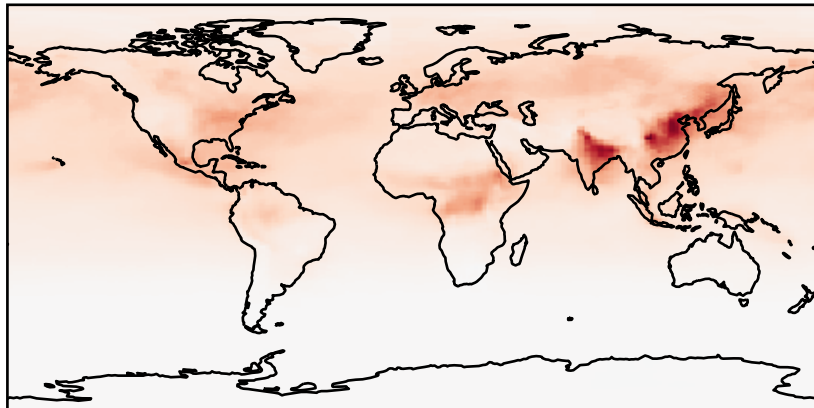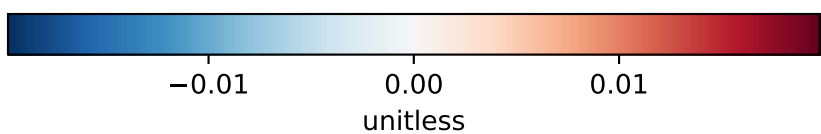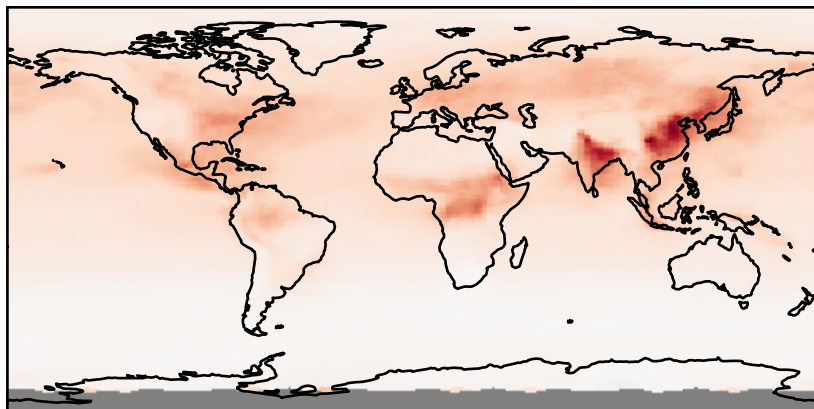
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

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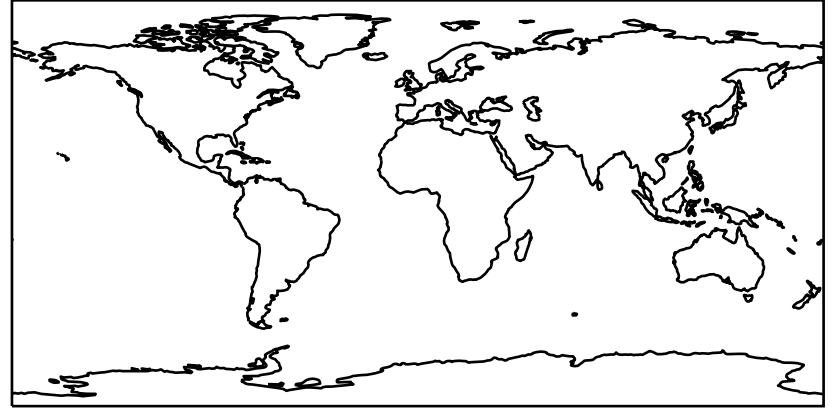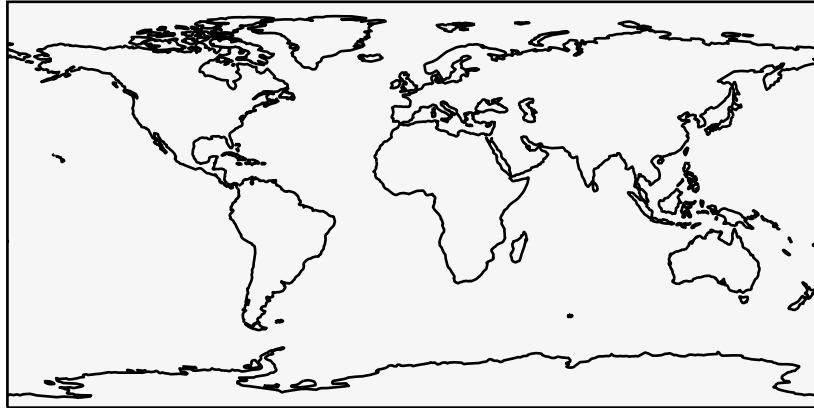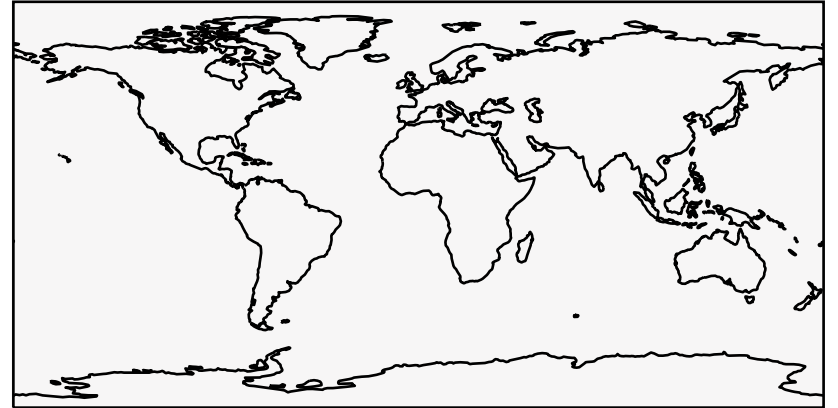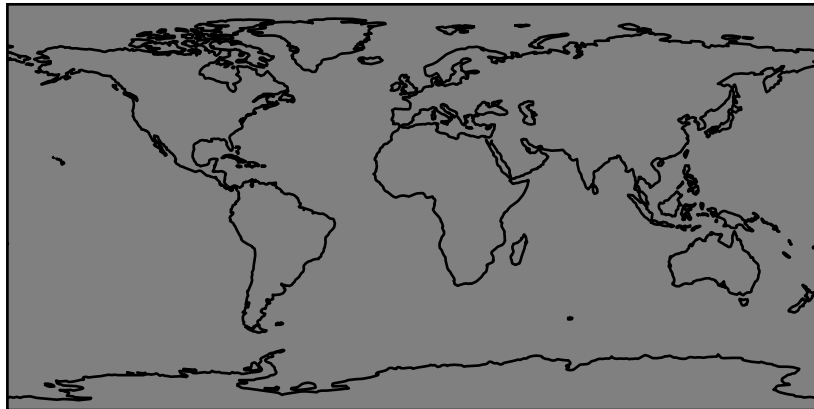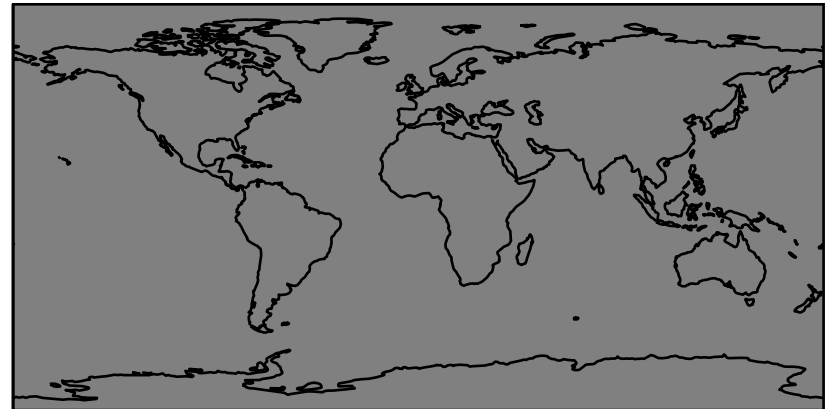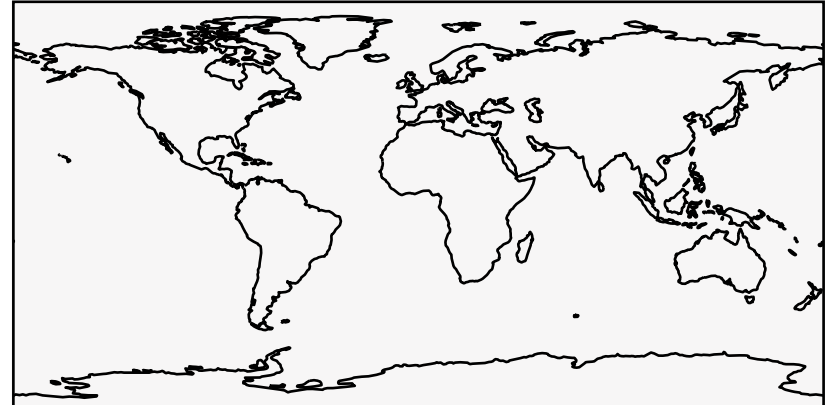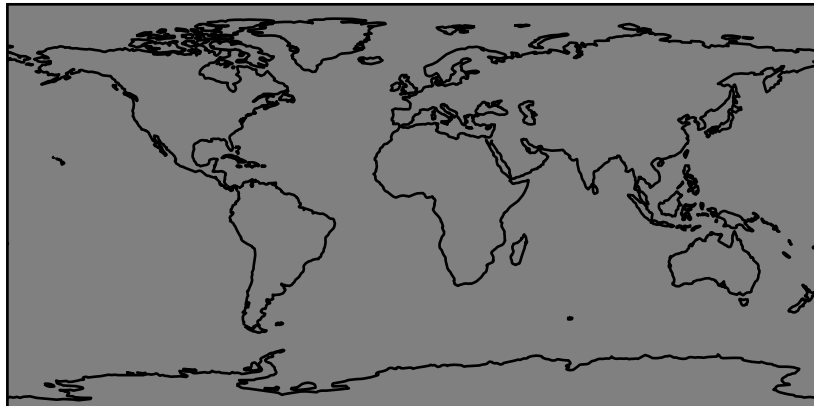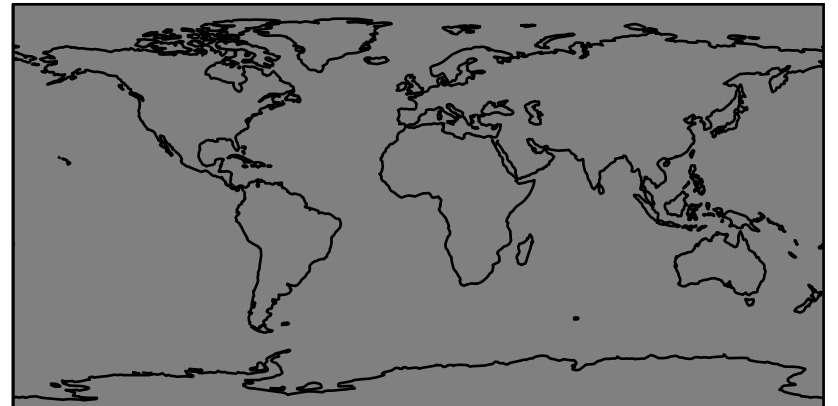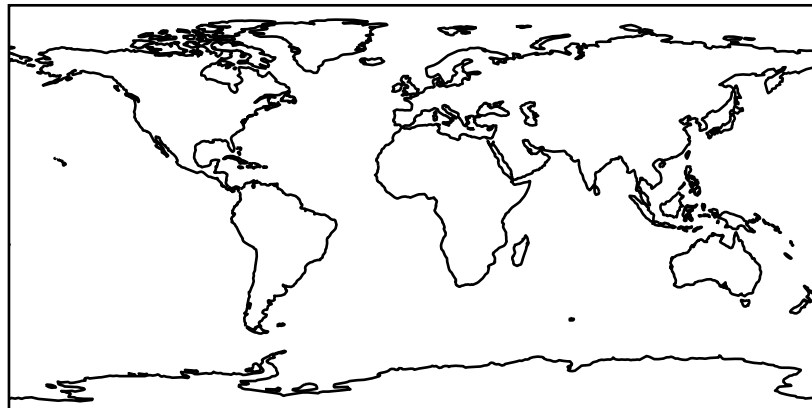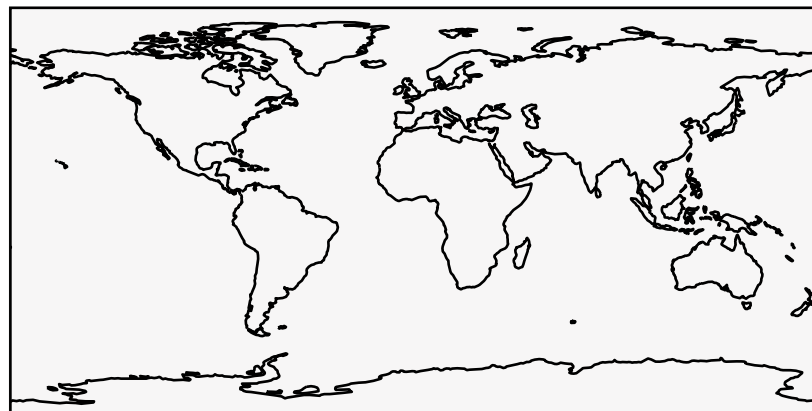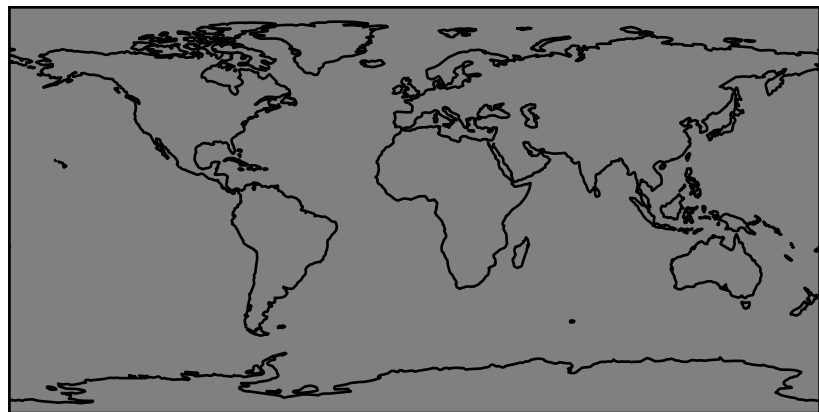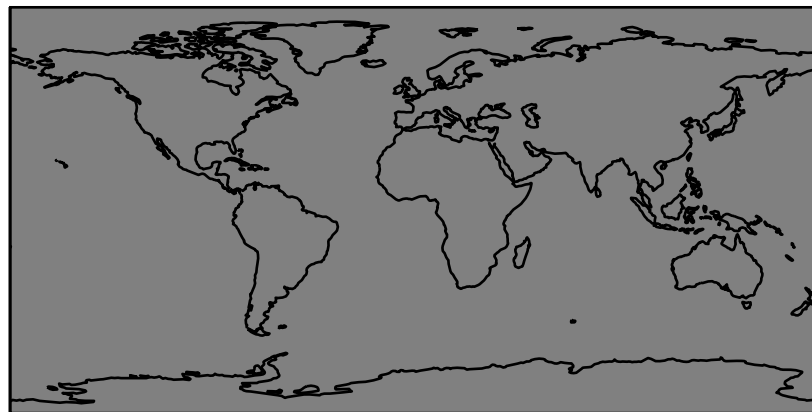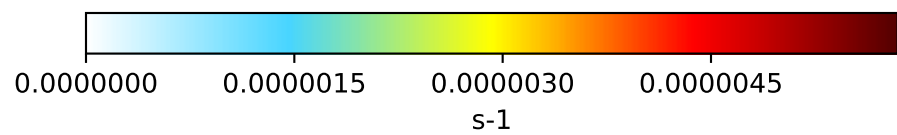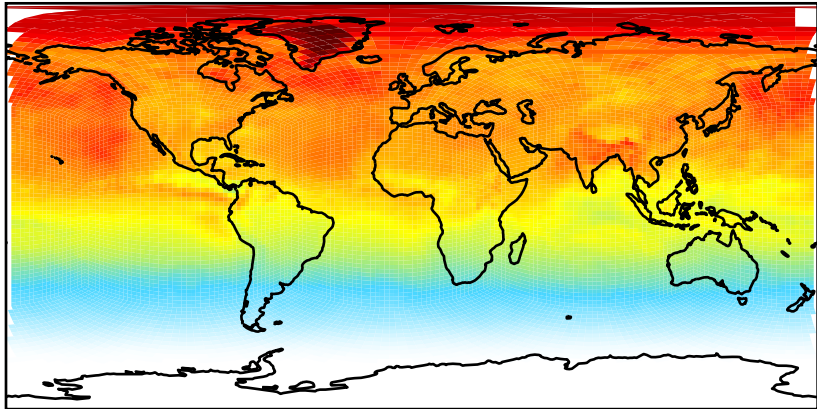unitless
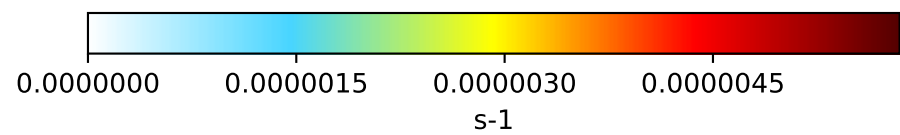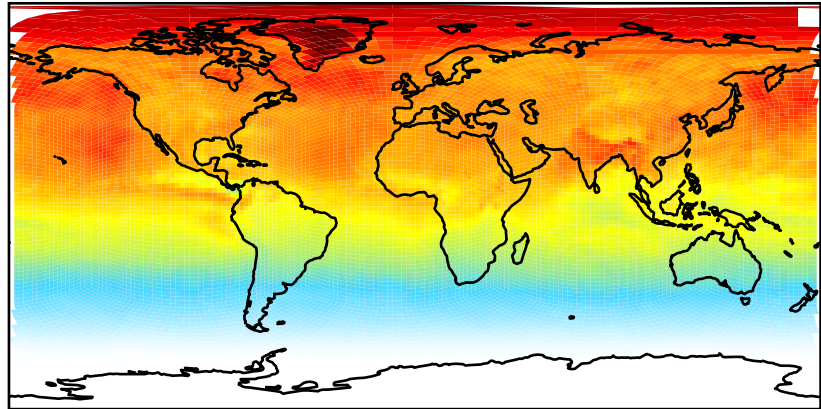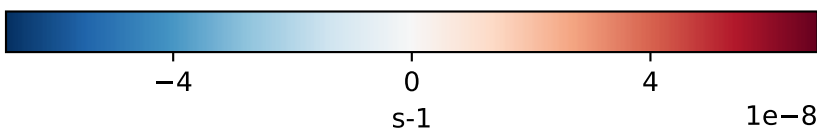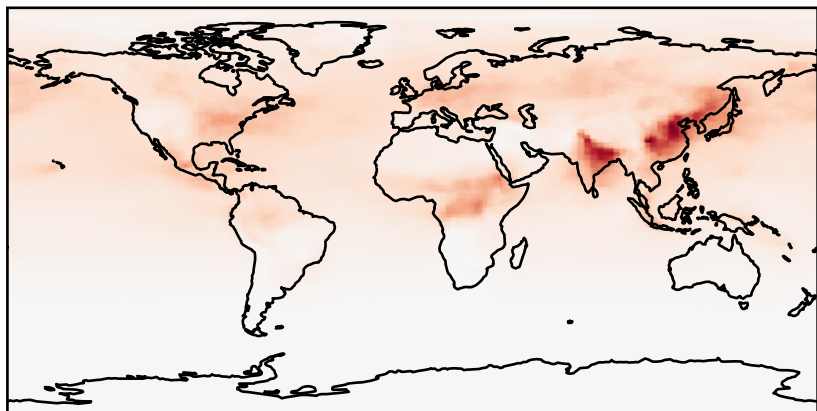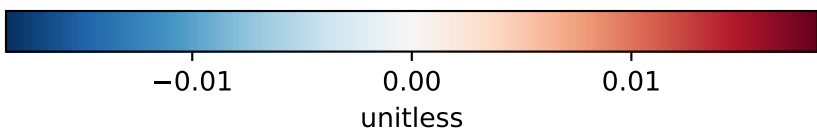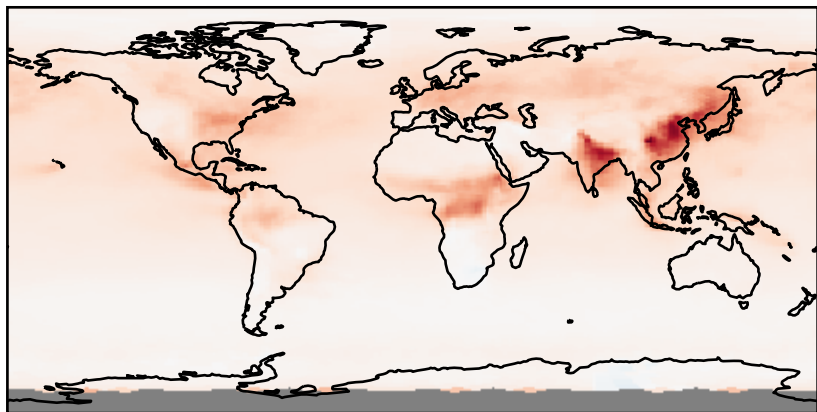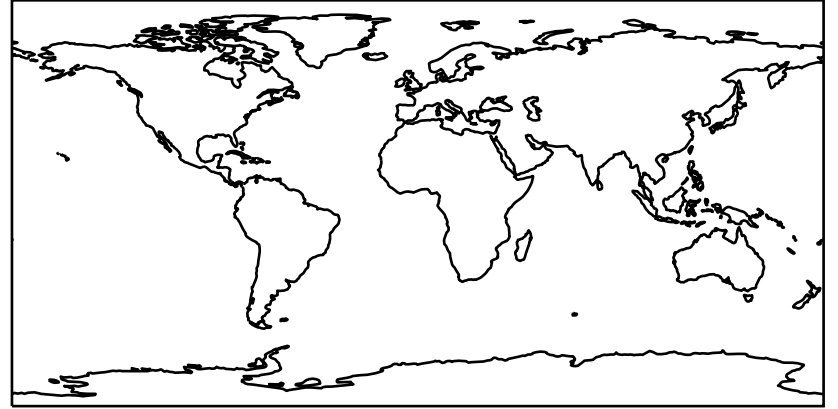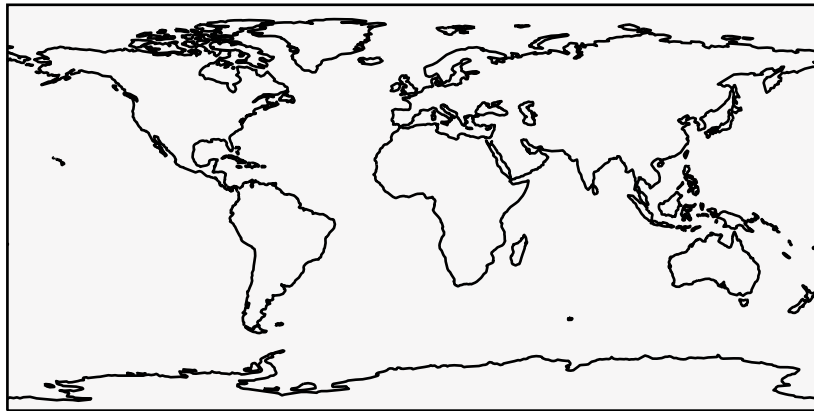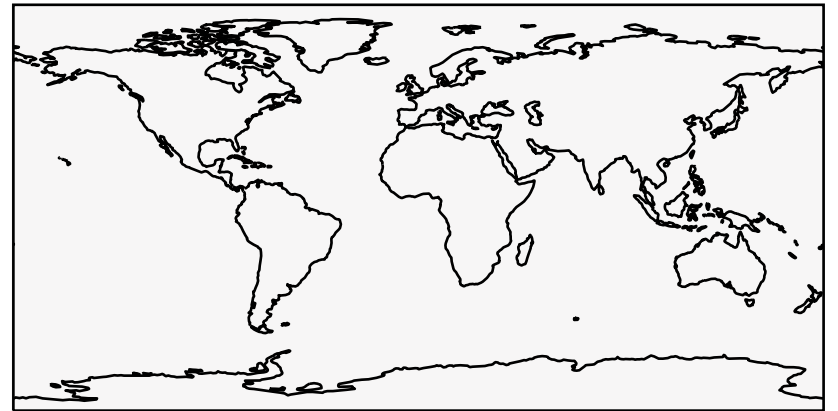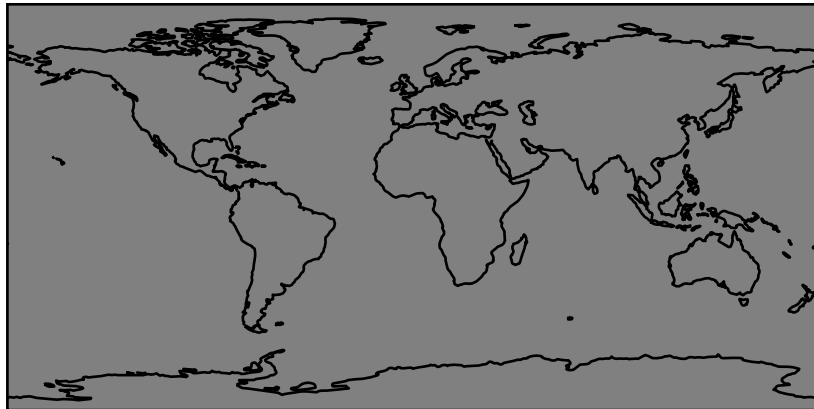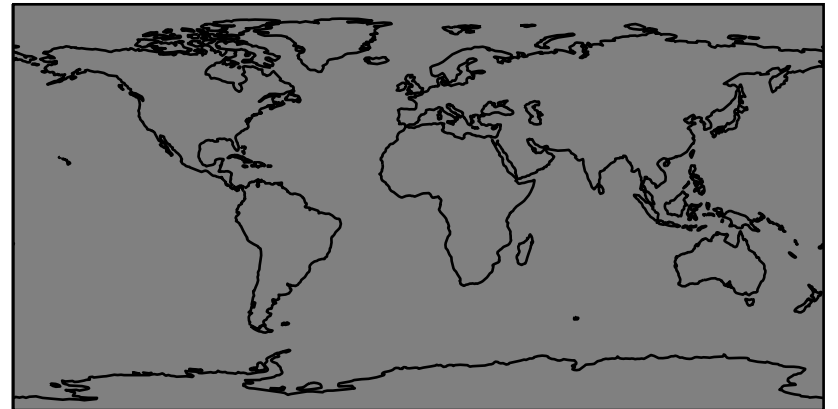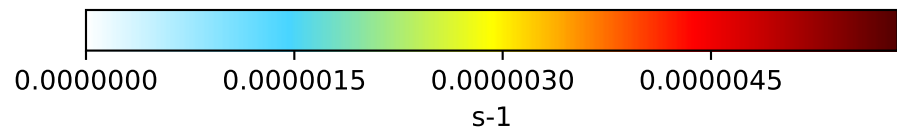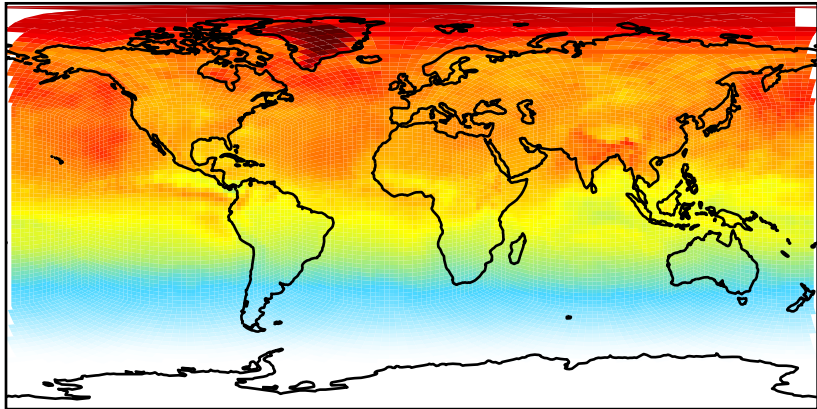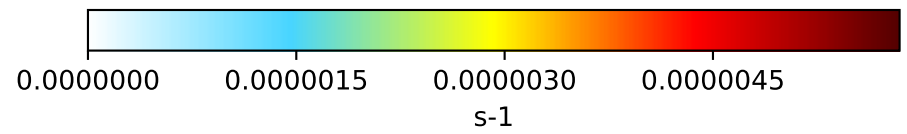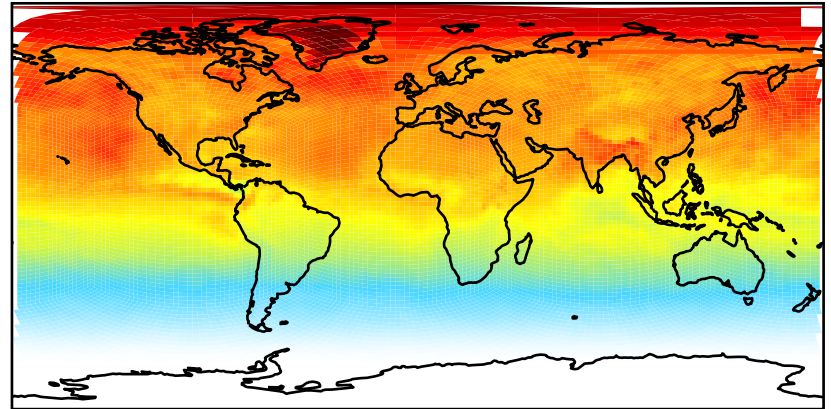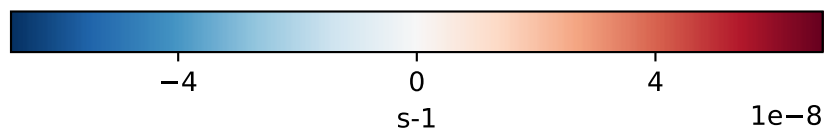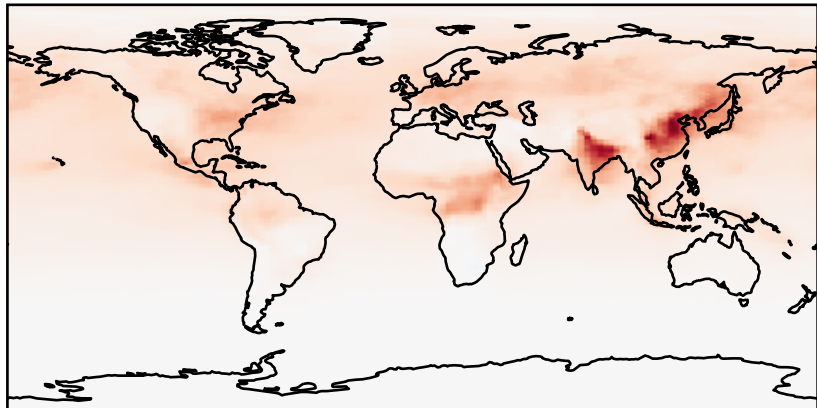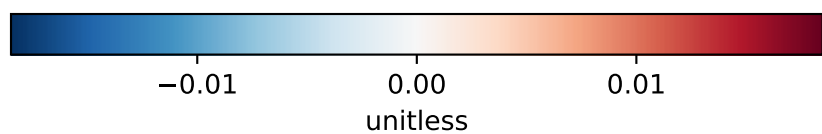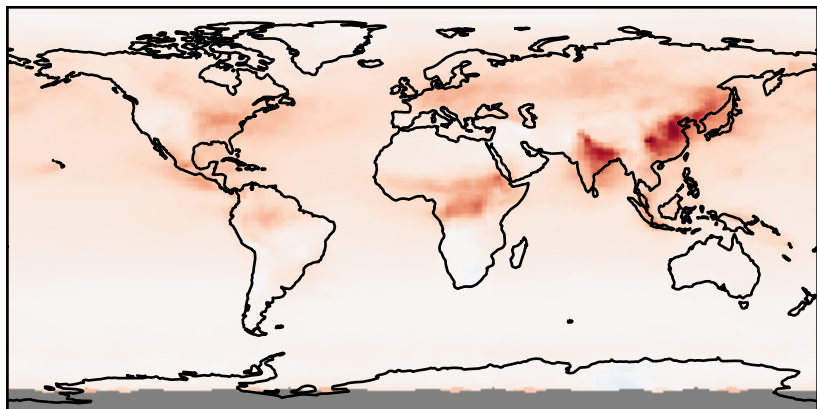
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Jval_VRP