JvalO3O1D (Apr2019)

JvalO3O3P (Apr2019)

Jval_ACET (Apr2019)

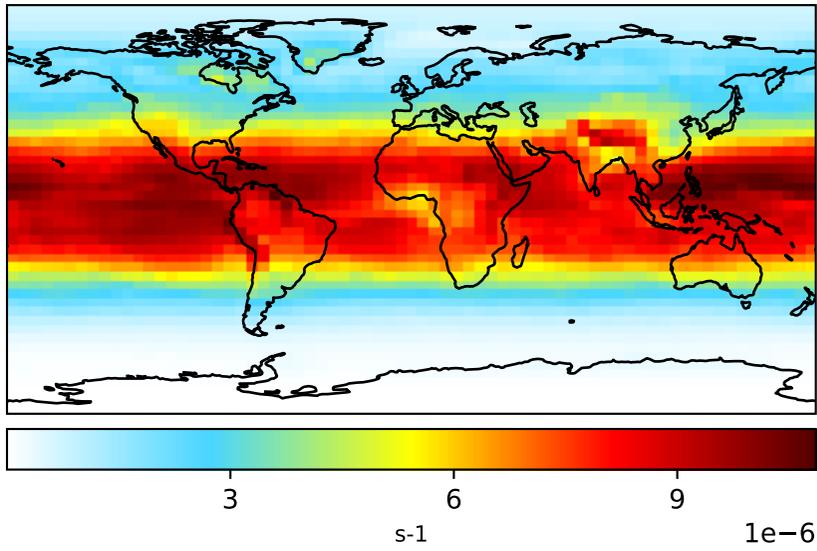# Jval_ALD2 (Apr2019)

Jval_APINP (Apr2019)
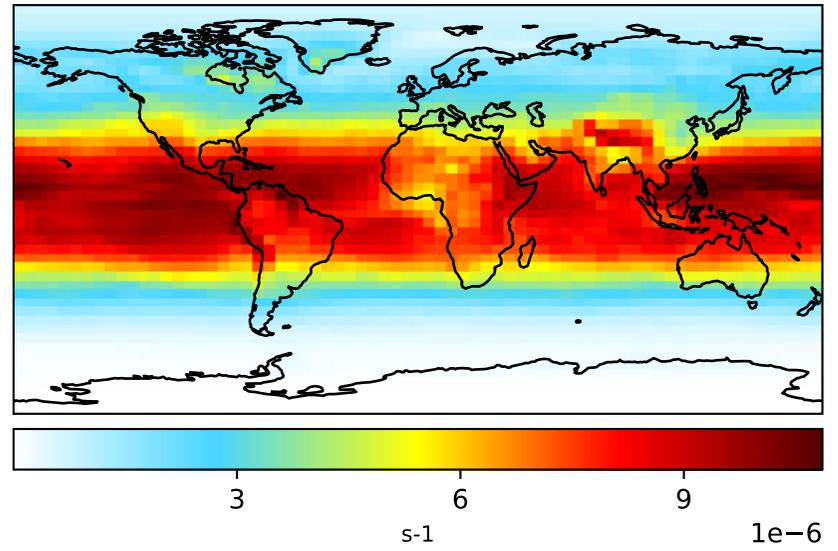
Jval_ATOOH (Apr2019)

Jval_BALD (Apr2019)
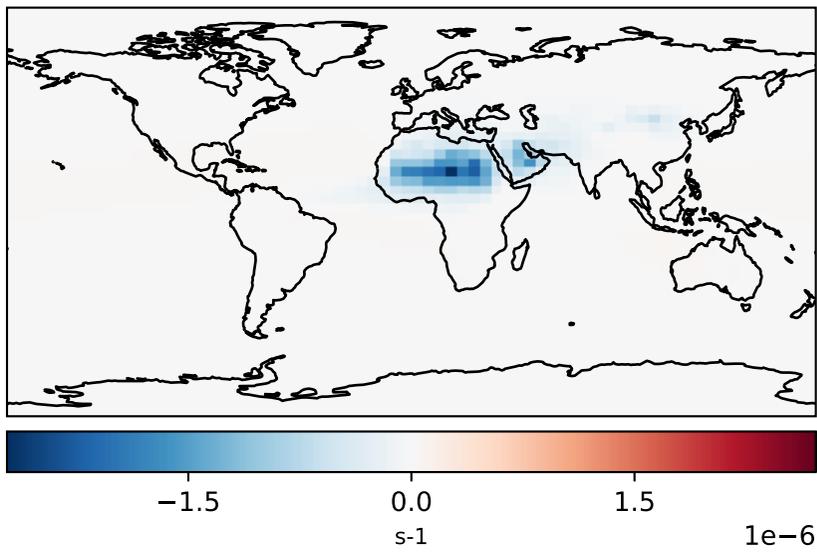
Jval_BENZP (Apr2019)
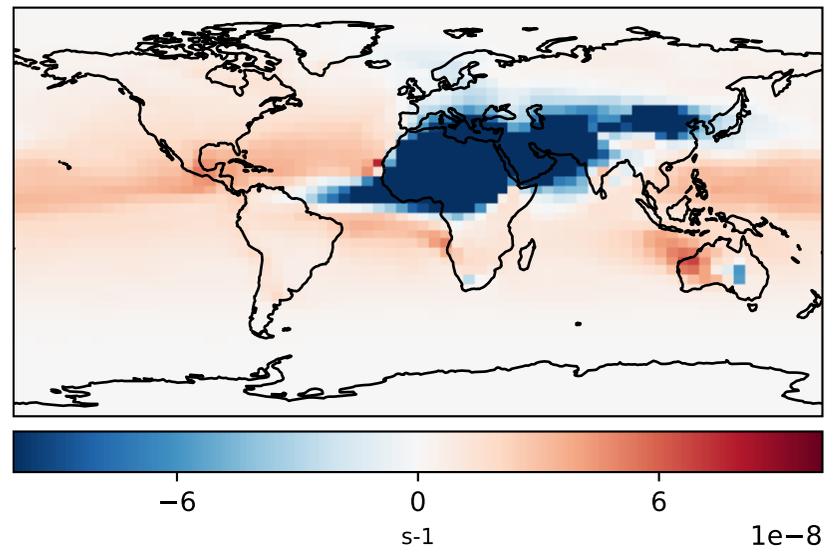

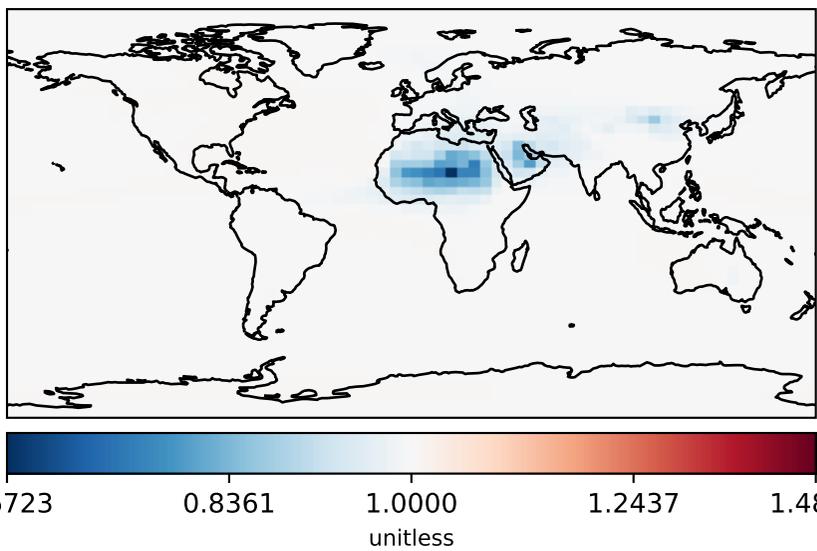gcc.14.5.0-rc.0 (Ref)
4.0x5.0

gcc.14.7.0-rc.0 (Dev)
4.0x5.0

Difference
Dev - Ref, Dynamic Range

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

Ratio
Dev/Ref, Dynamic Range
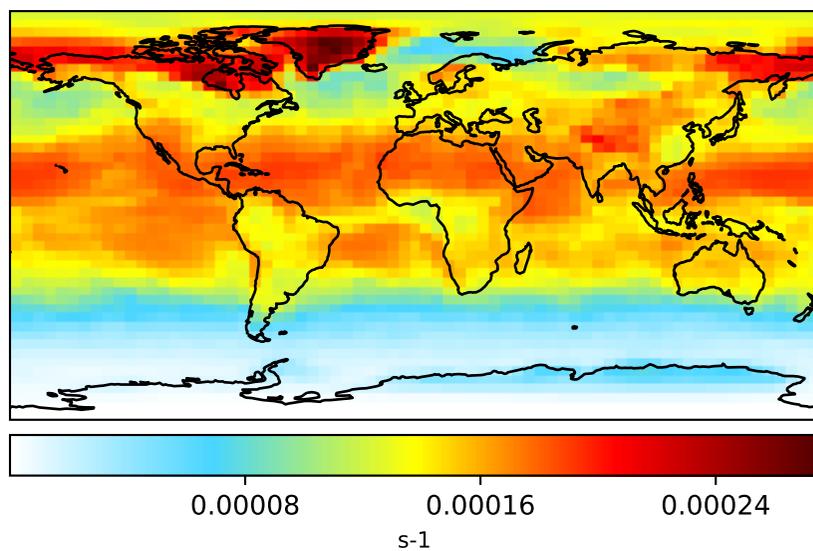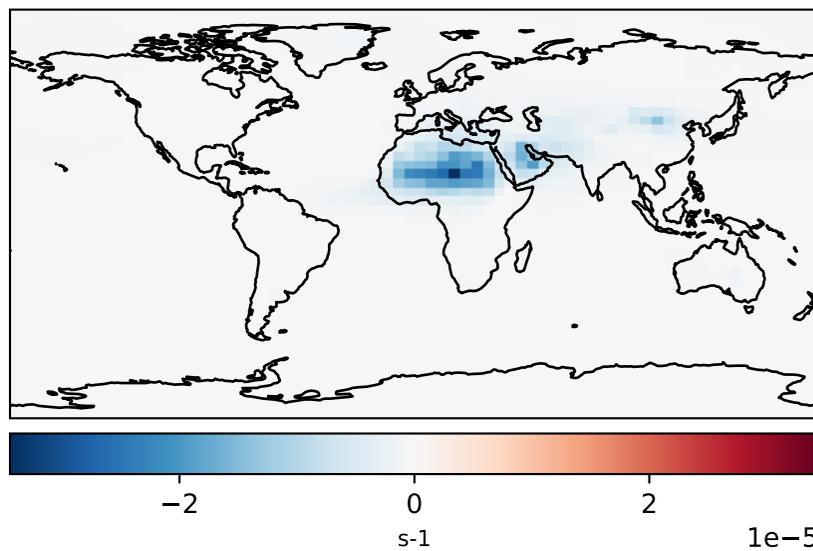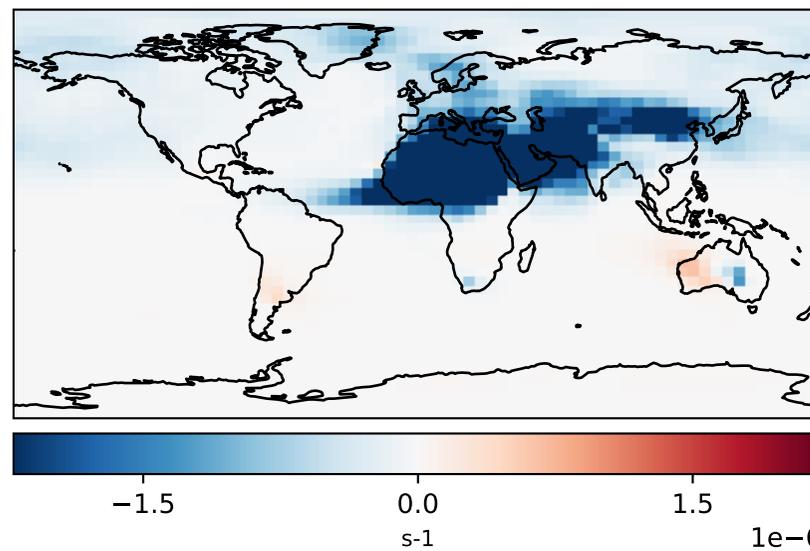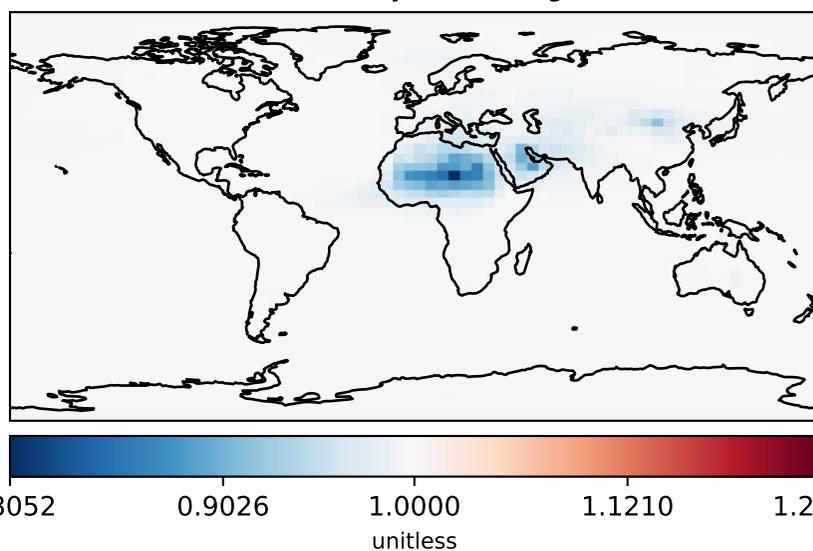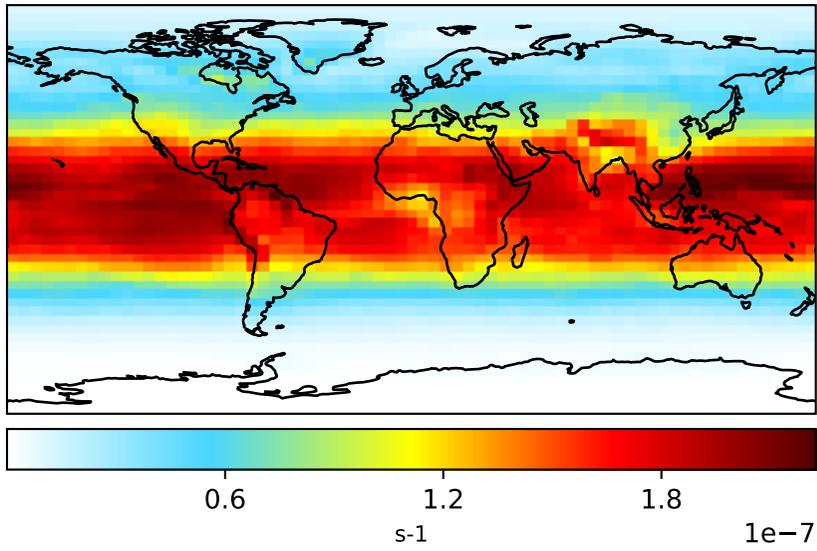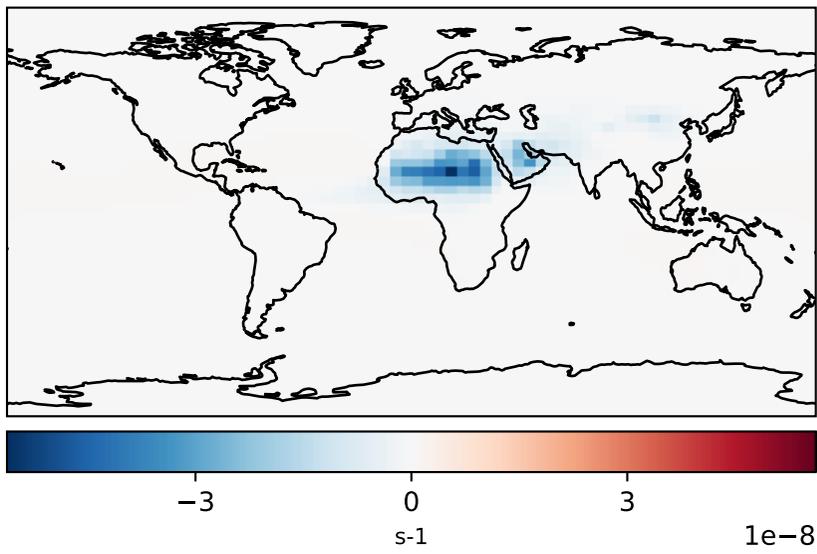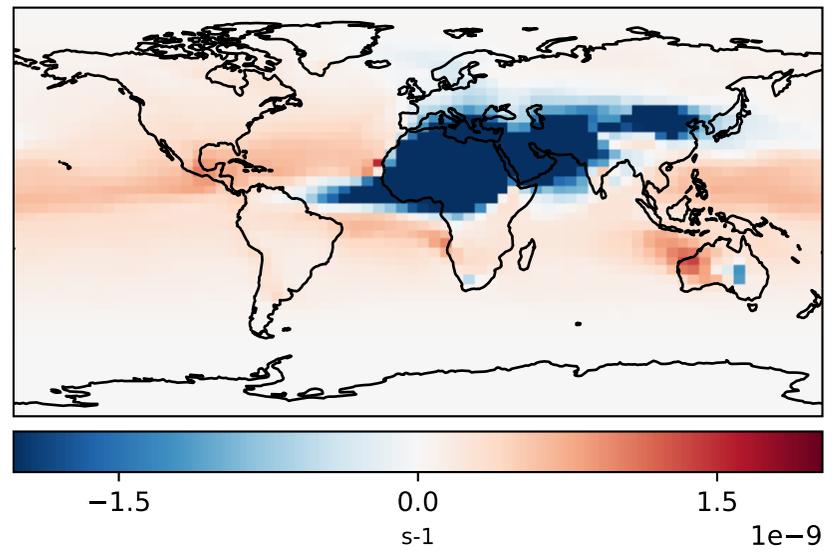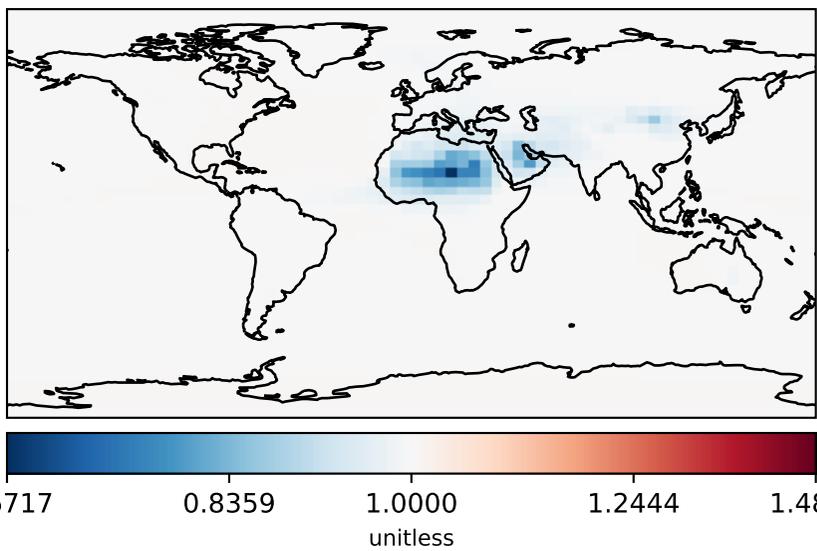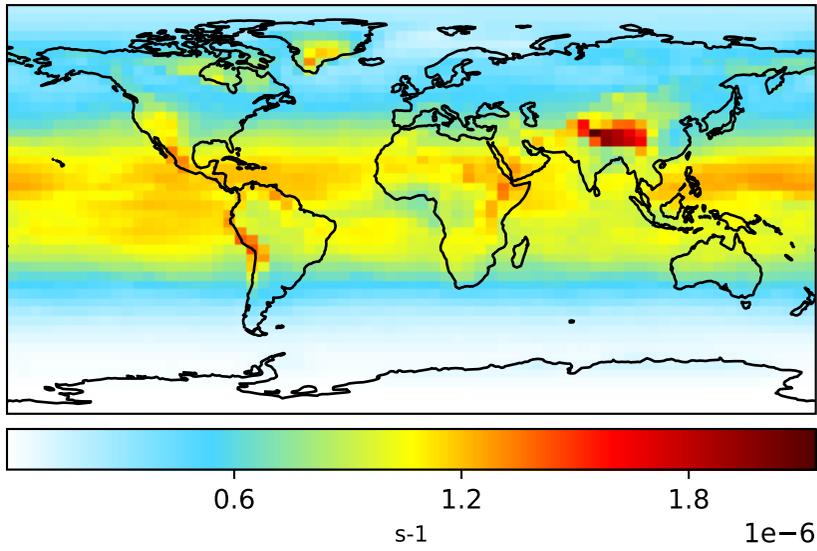
Ratio
Dev/Ref, Fixed Range
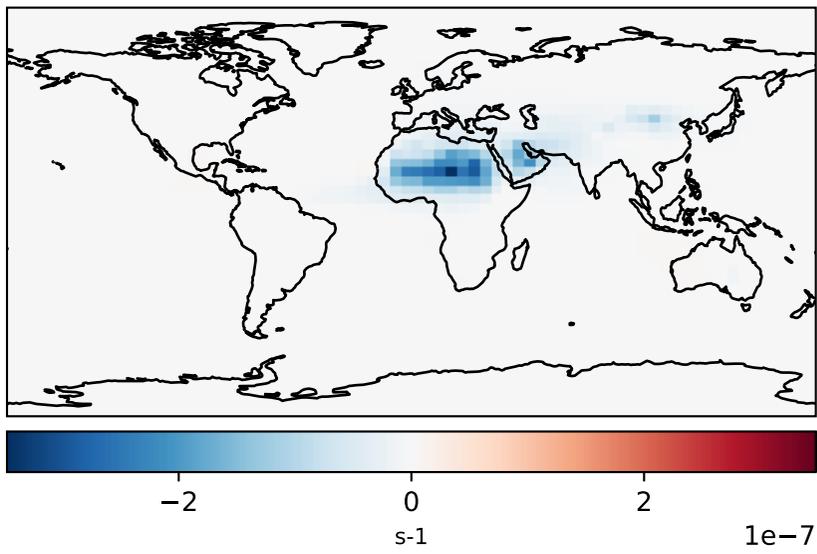
Jval_BPINOOH (Apr2019)

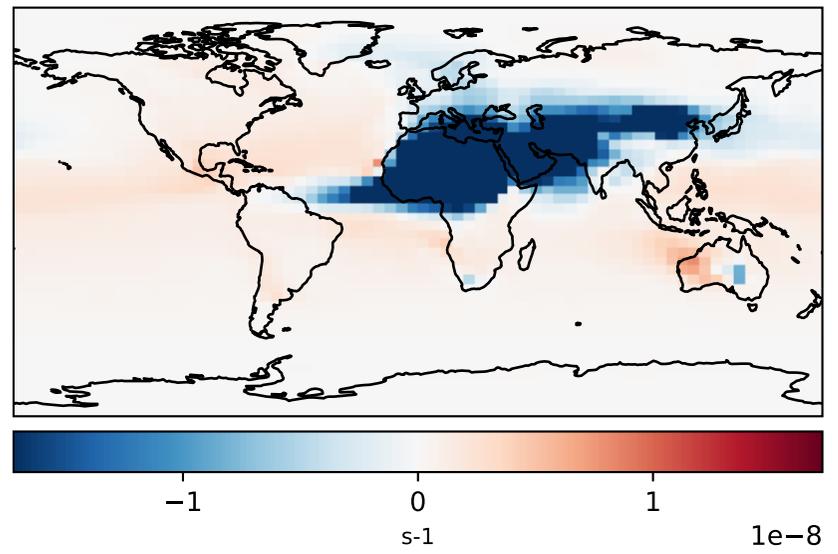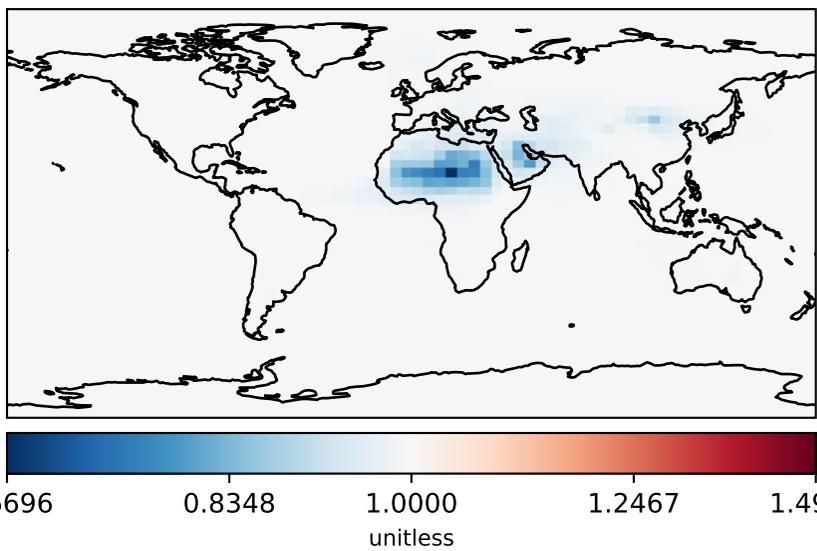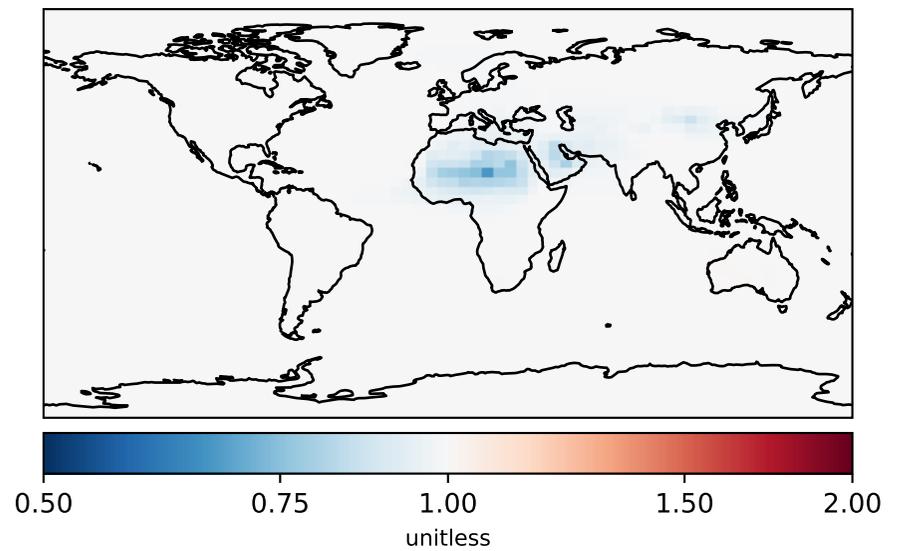# Jval_BPINP (Apr2019)

gcc.14.5.0-rc.0 (Ref)
4.0x5.0

gcc.14.7.0-rc.0 (Dev)
4.0x5.0

Difference
Dev - Ref, Dynamic Range

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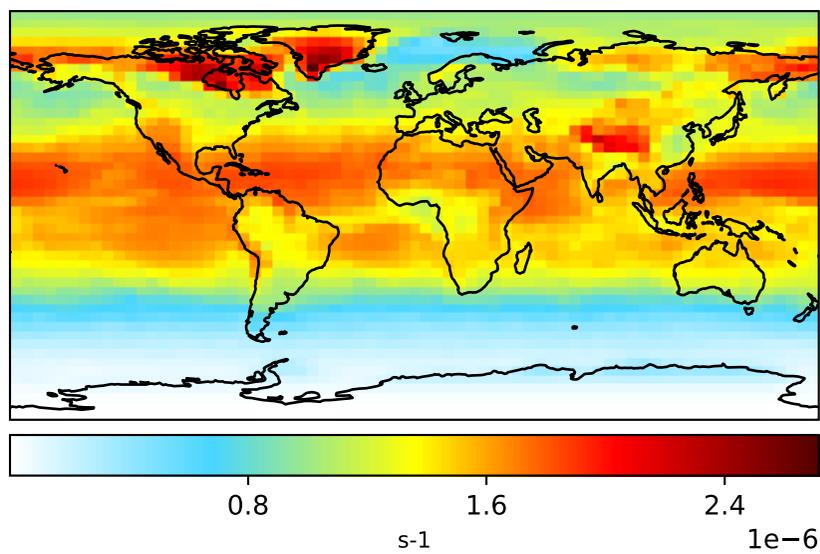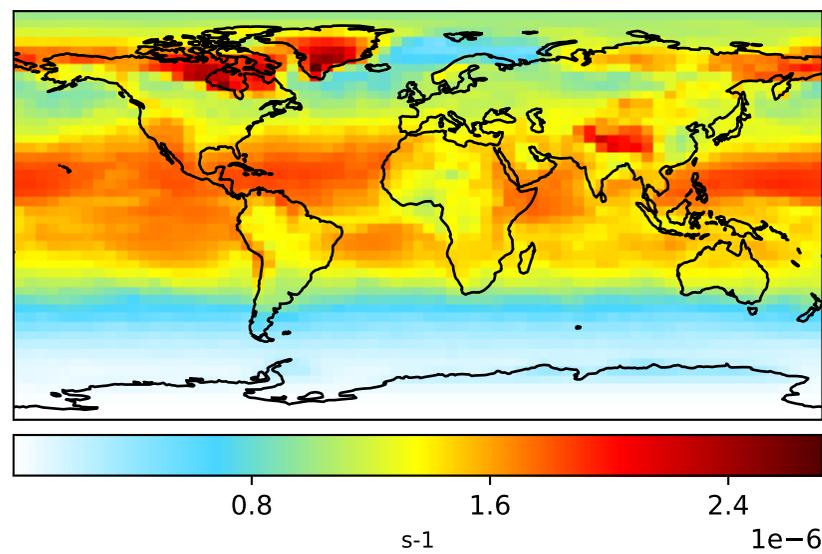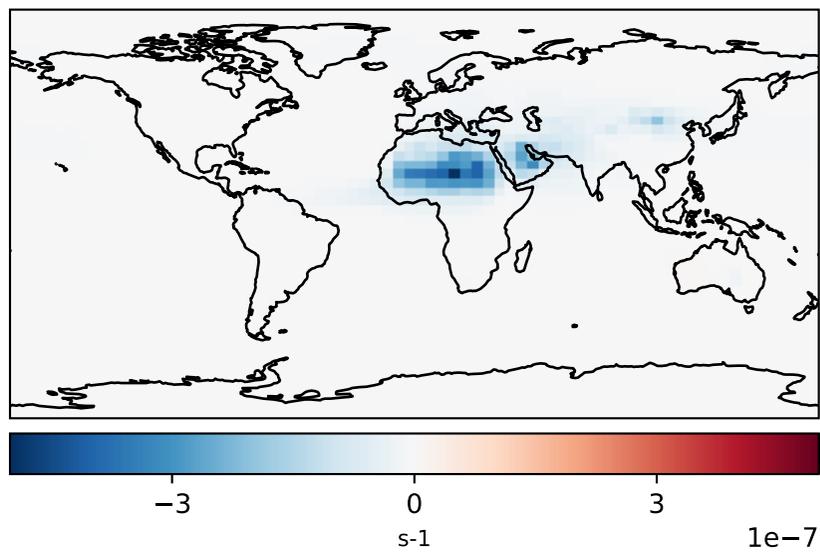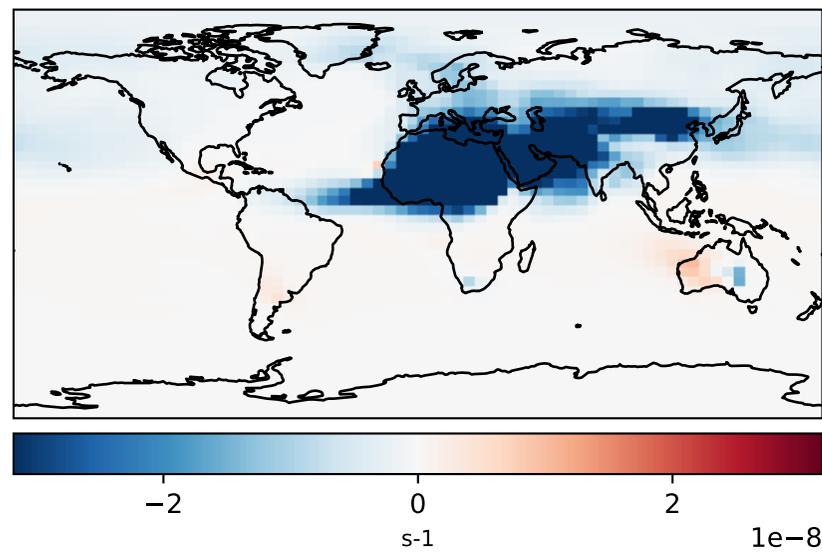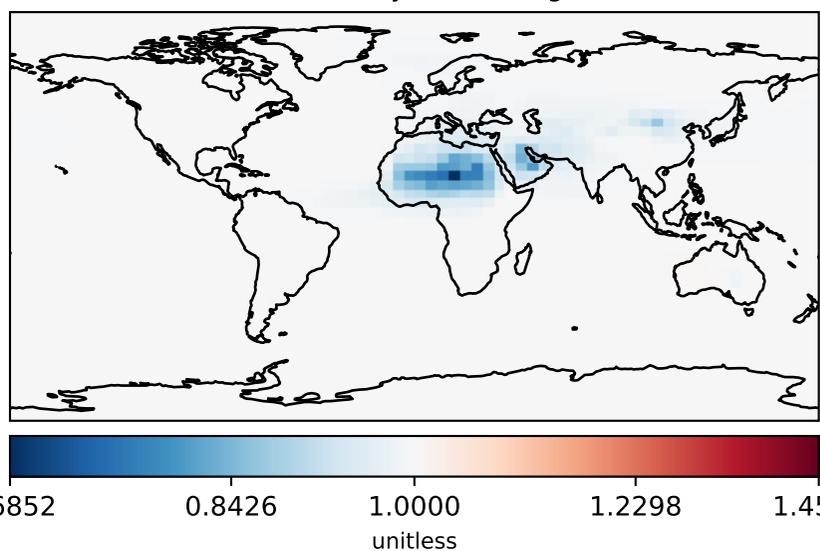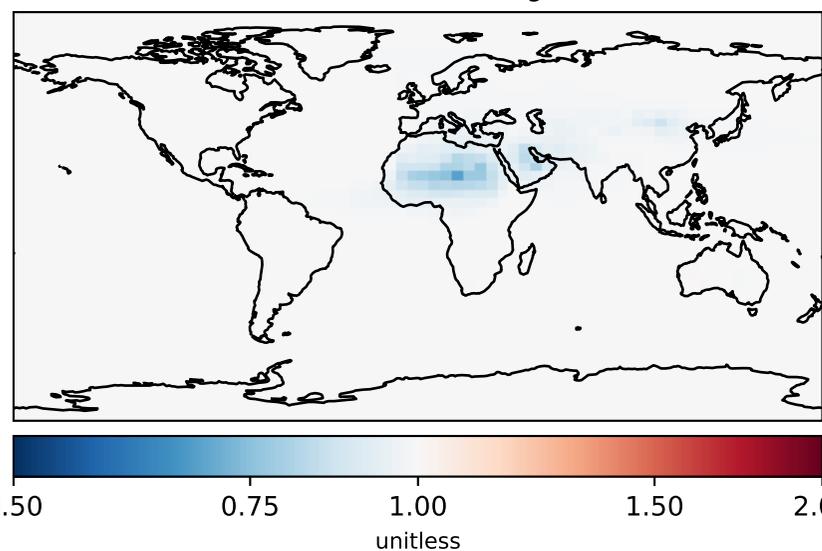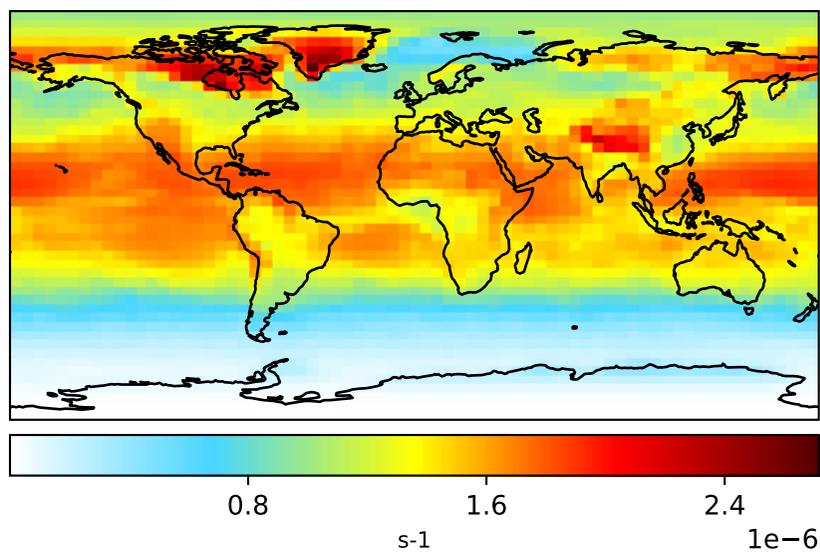Dev - Ref, Restricted Range [5%,95%]
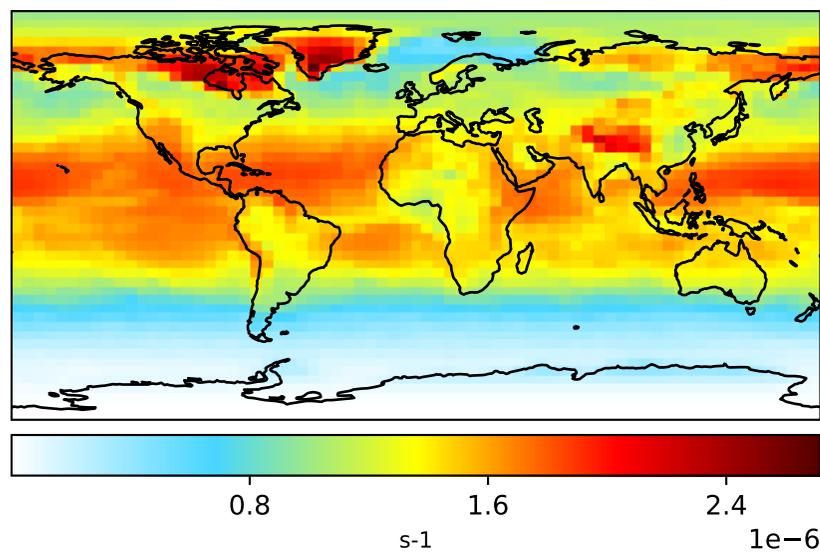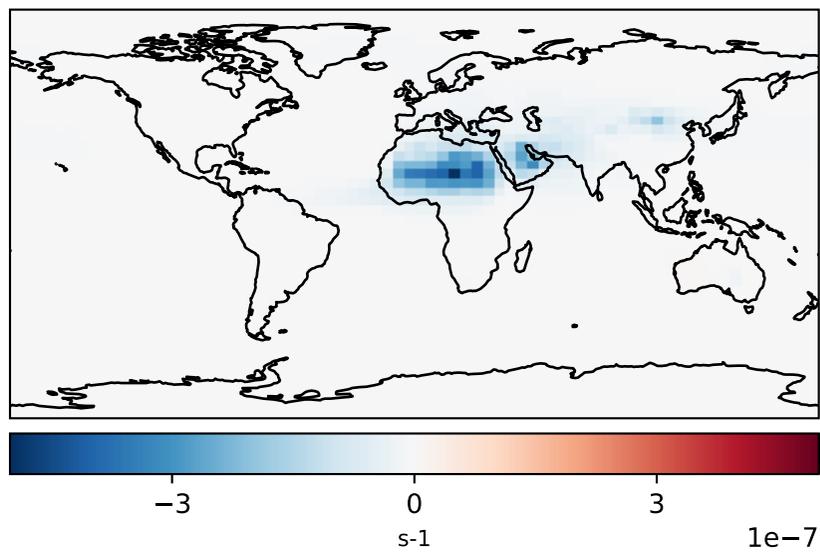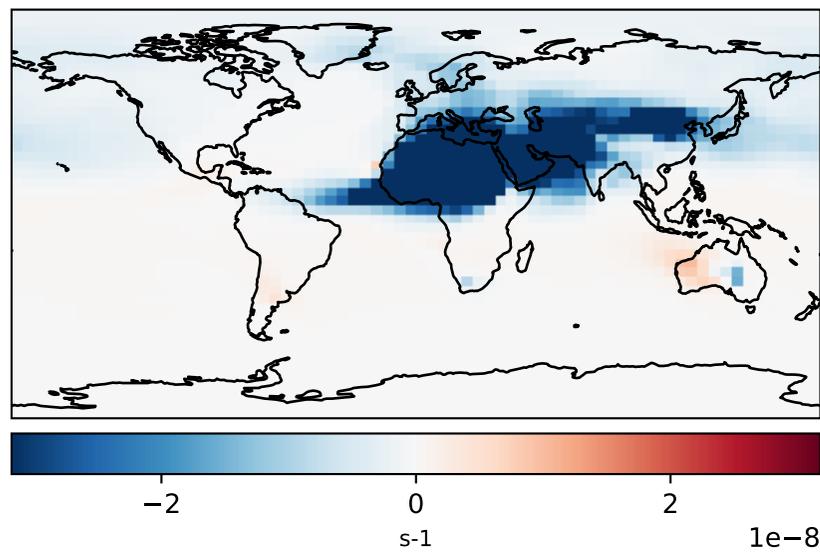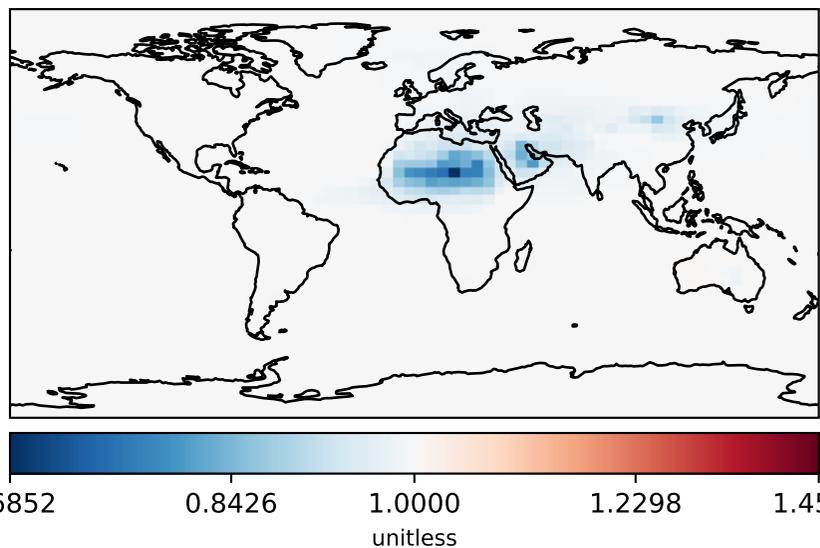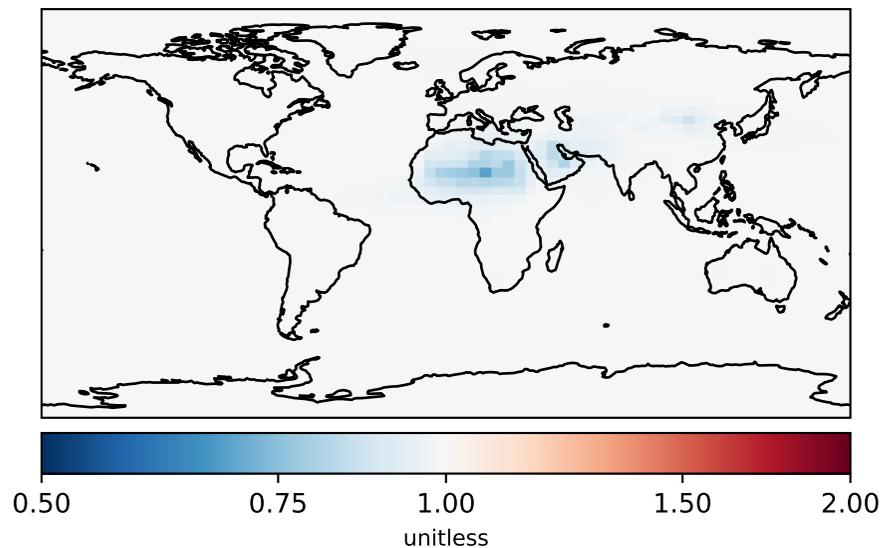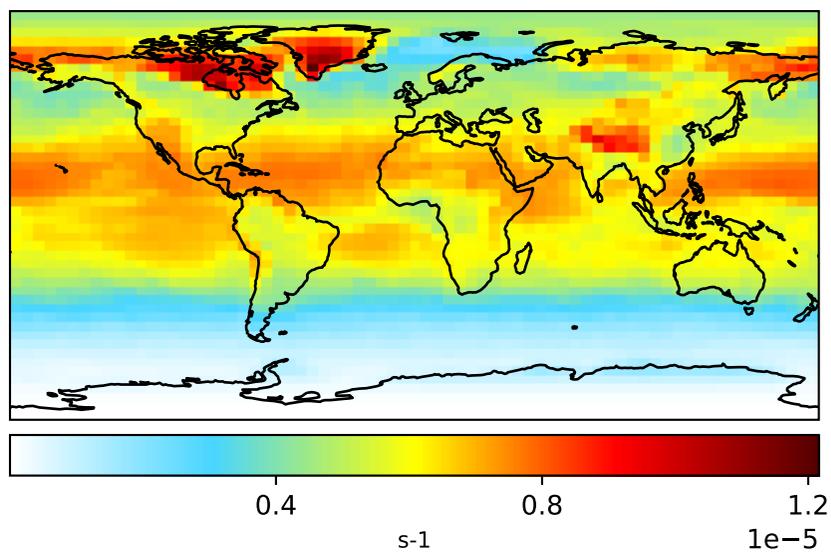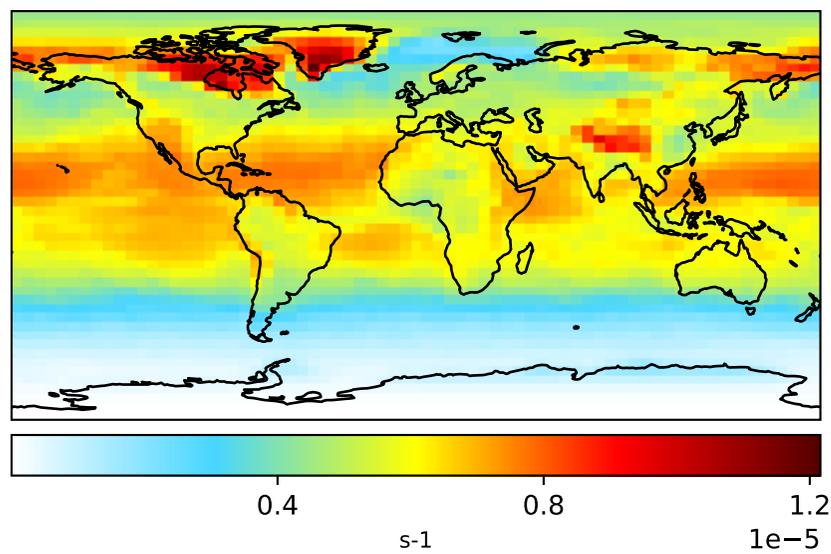
Ratio
Dev/Ref, Dynamic Range

Ratio
Dev/Ref, Fixed Range
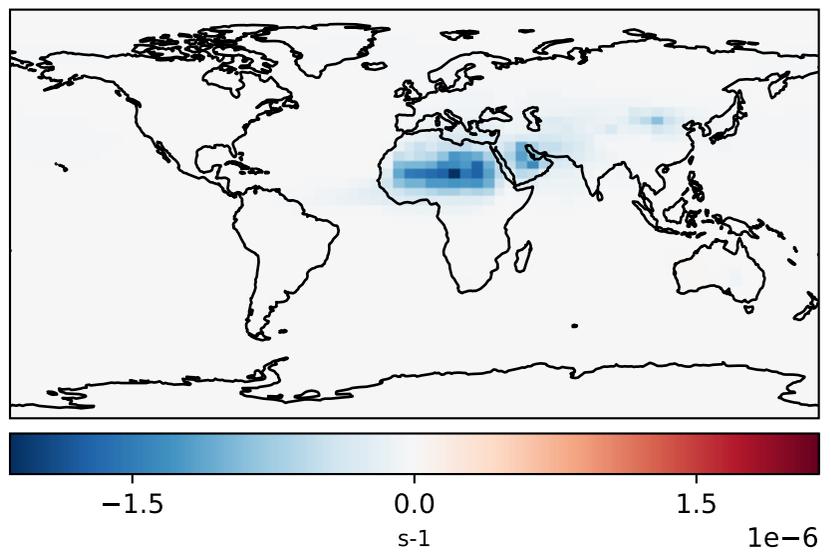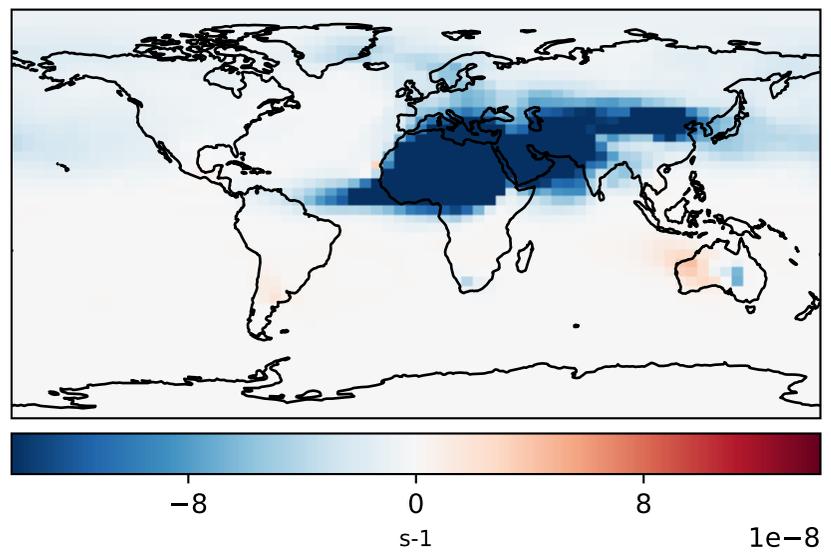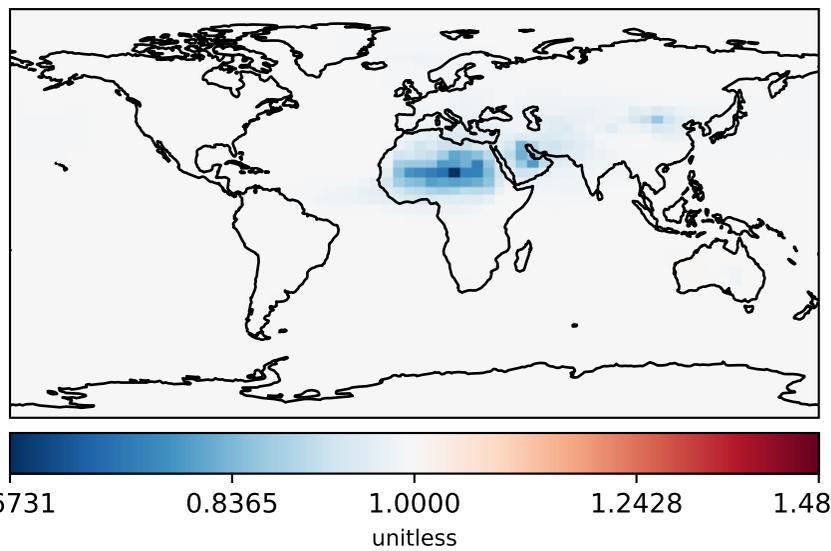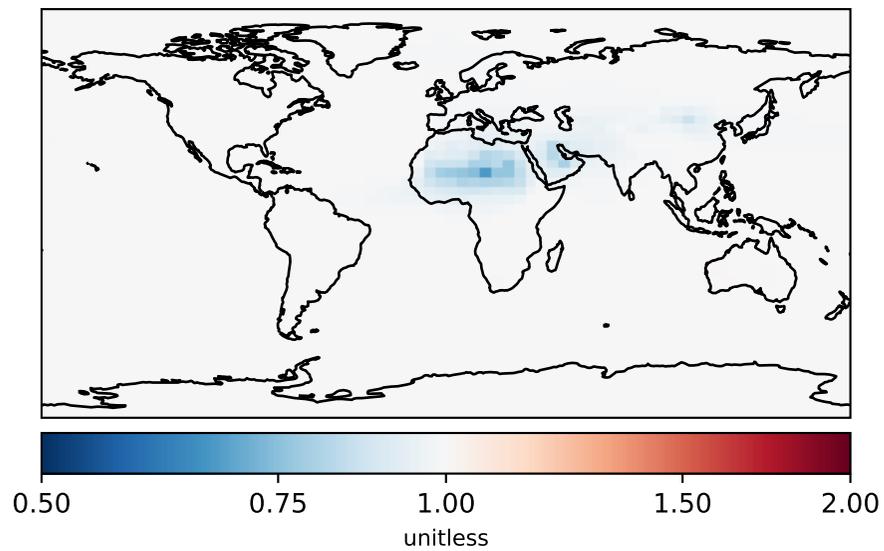
Jval_BZCO3H (Apr2019)

Jval_Br2 (Apr2019)

gcc.14.5.0-rc.0 (Ref)
4.0x5.0

gcc.14.7.0-rc.0 (Dev)
4.0x5.0

Difference
Dev - Ref, Dynamic Range

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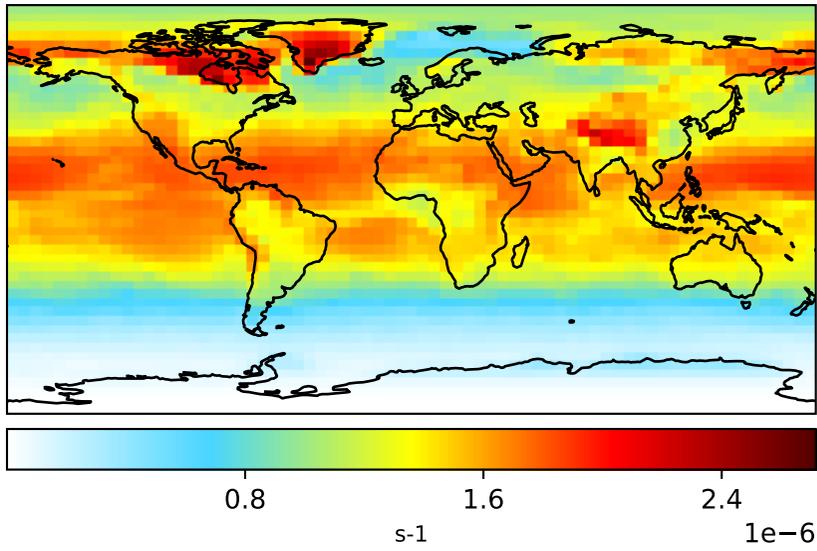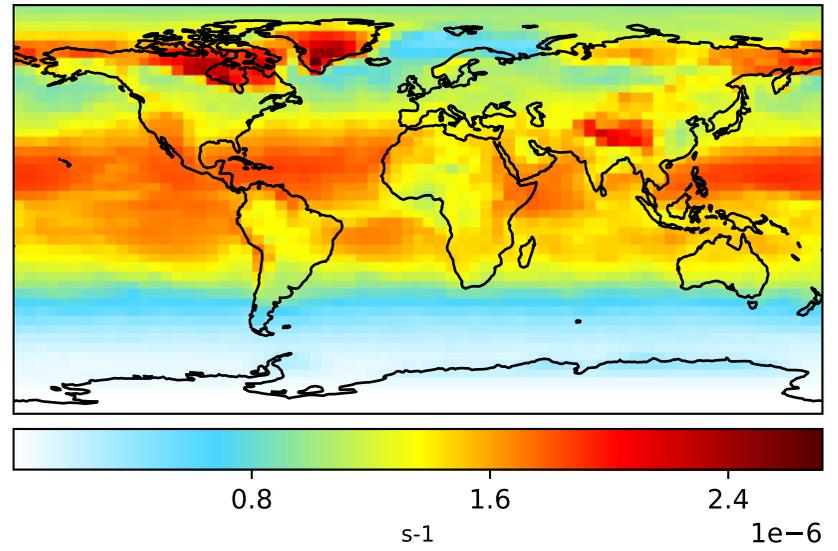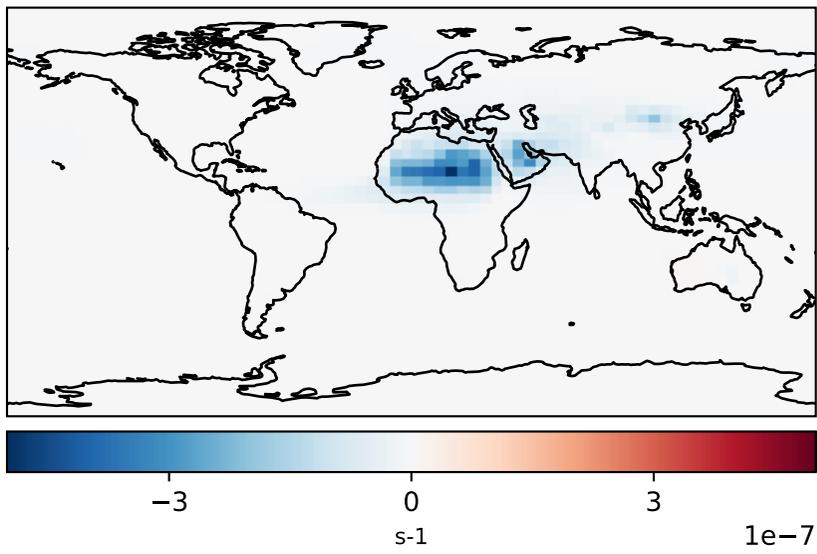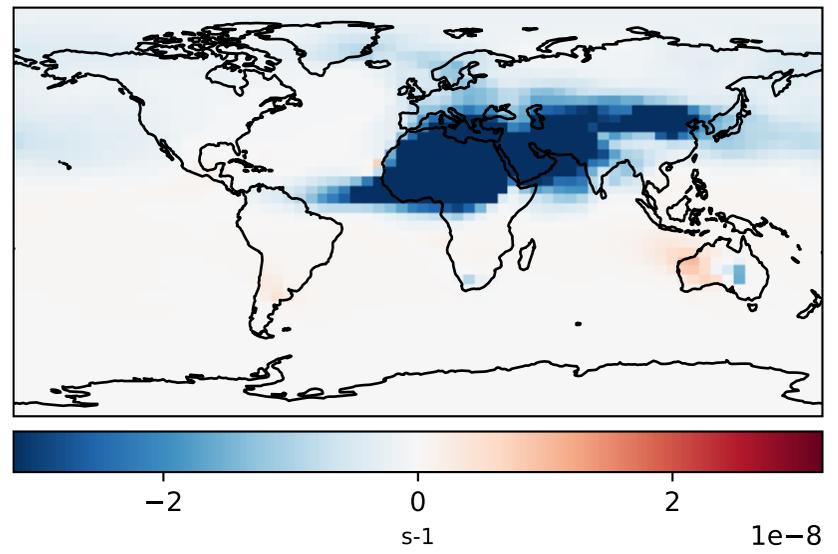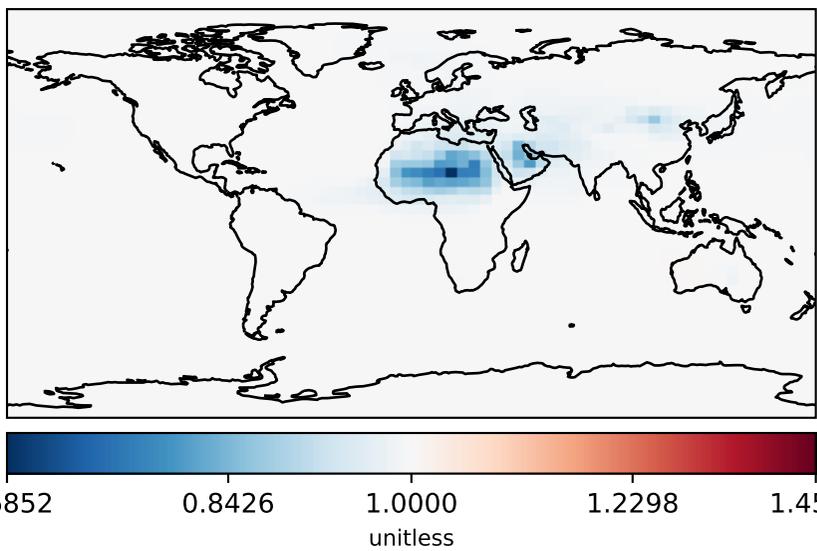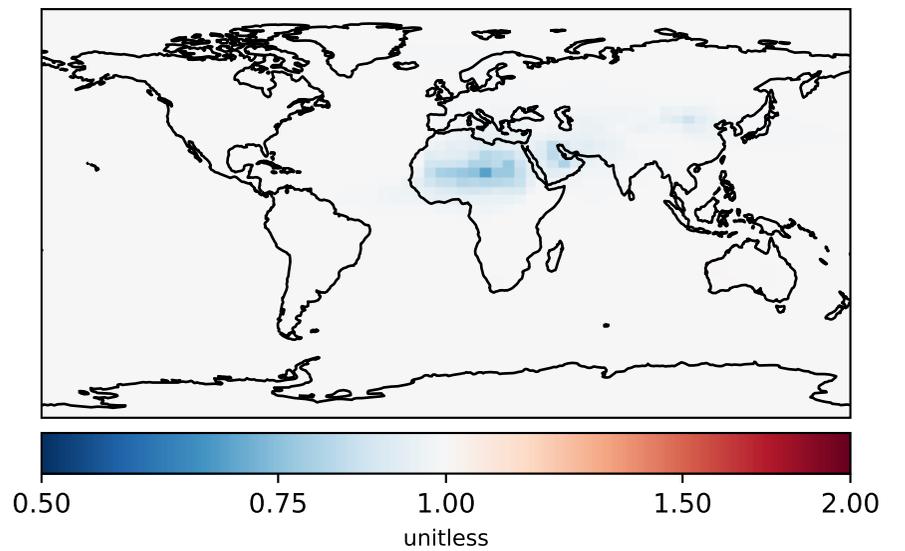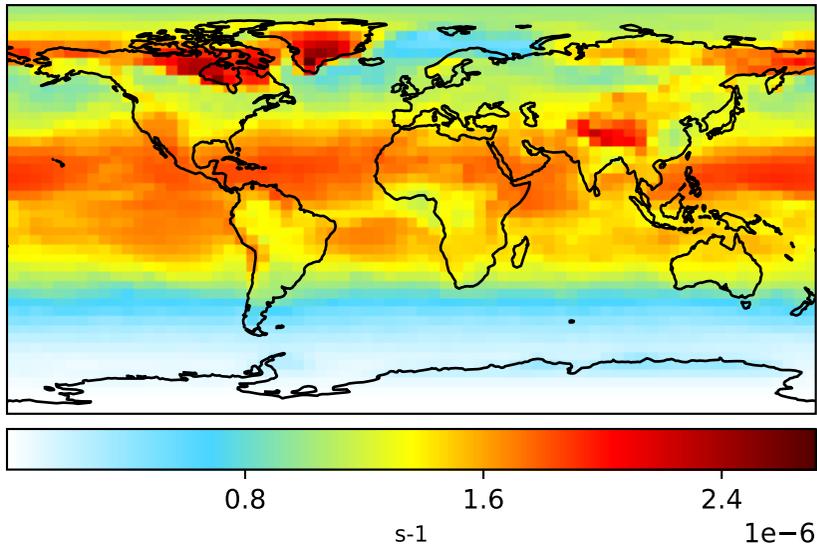Dev - Ref, Restricted Range [5%,95%]
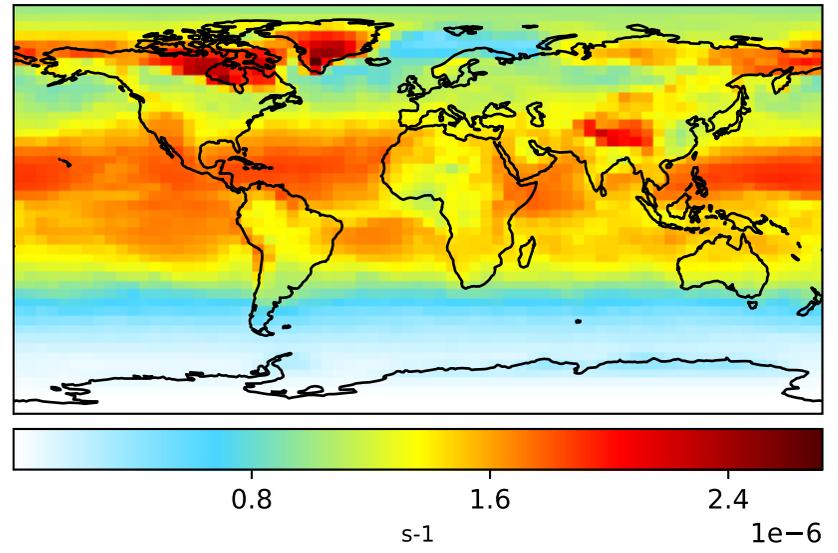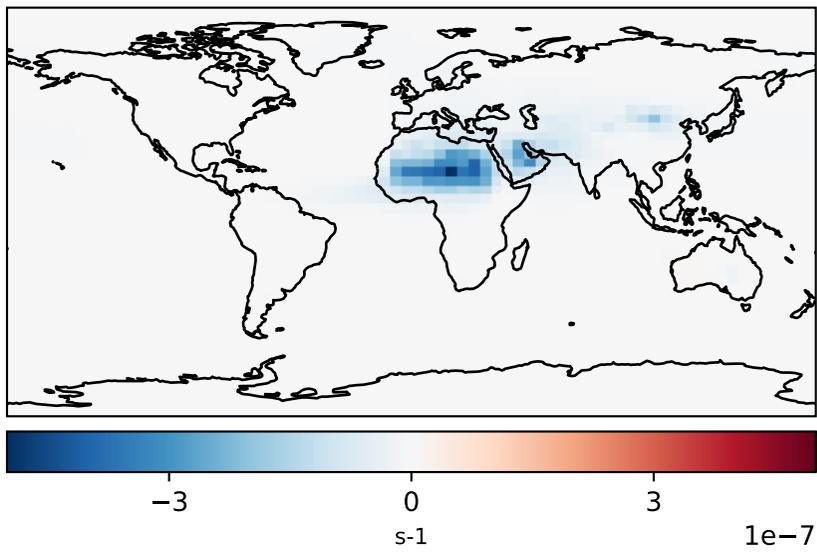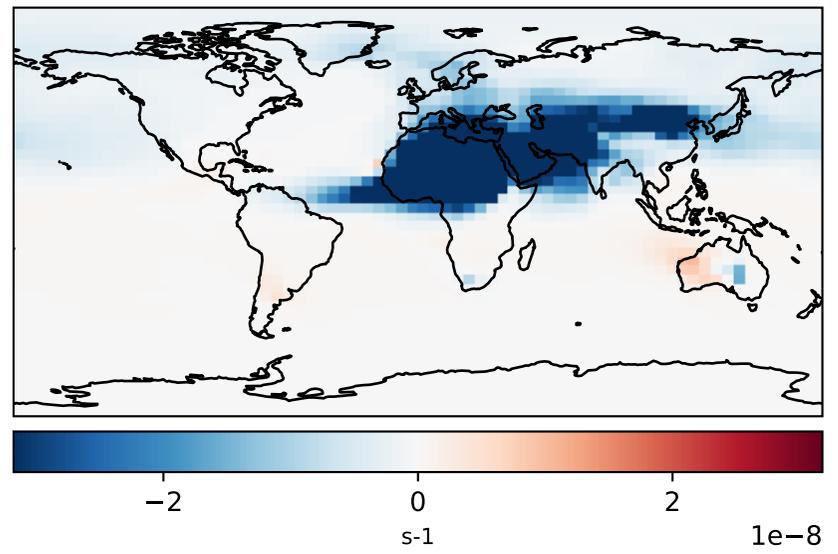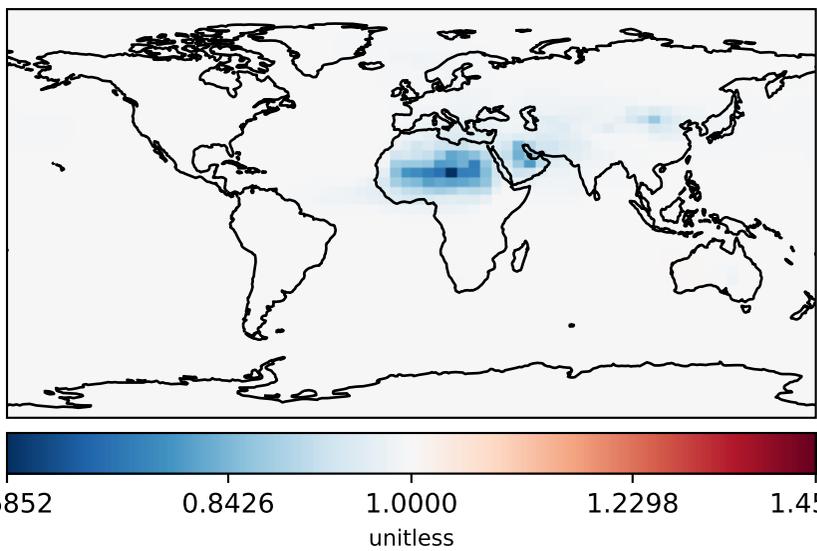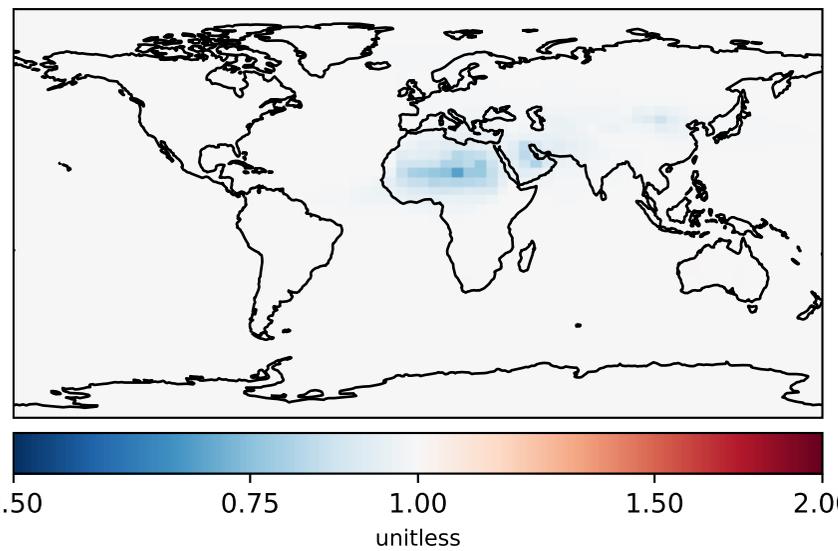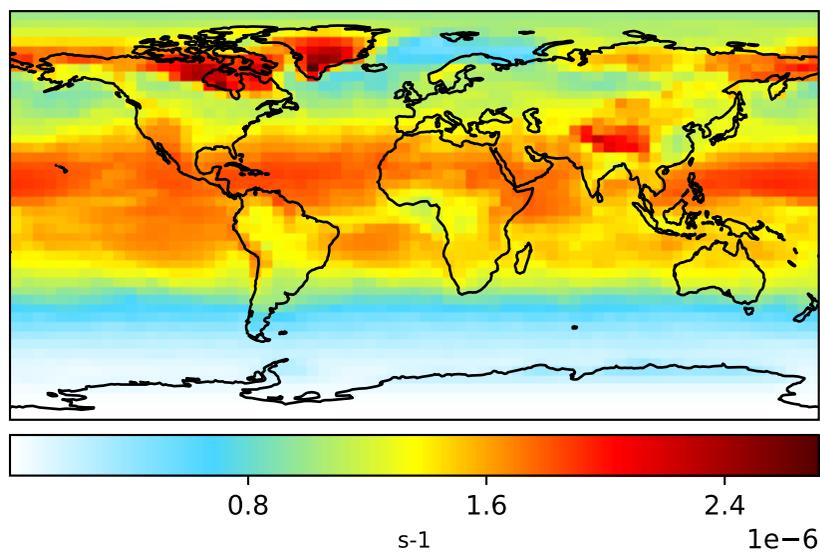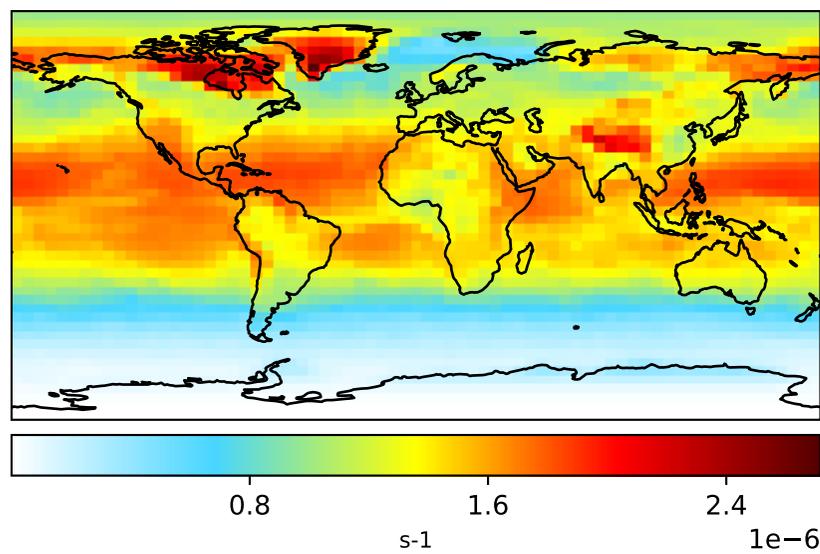
Ratio
Dev/Ref, Dynamic Range

Ratio
Dev/Ref, Fixed Range

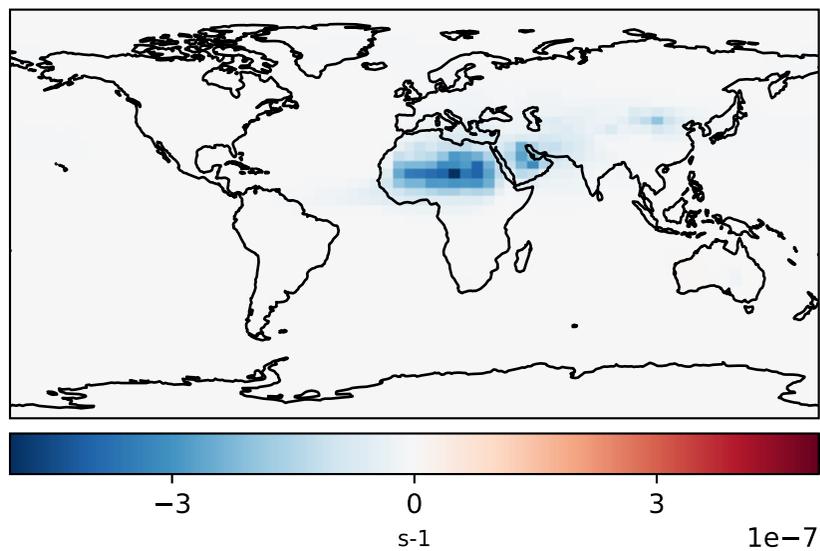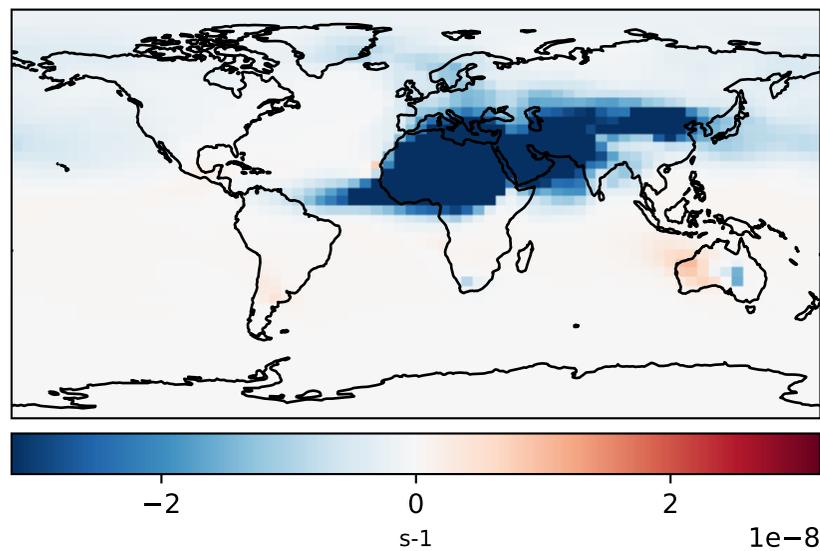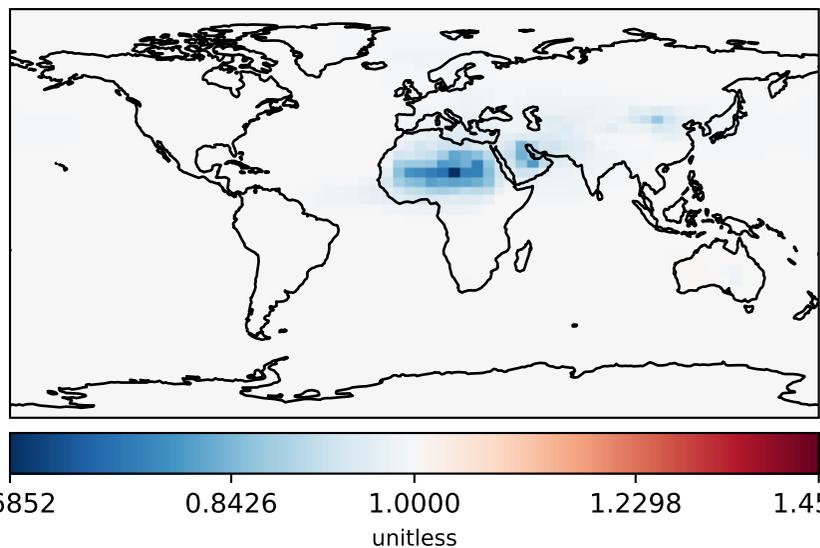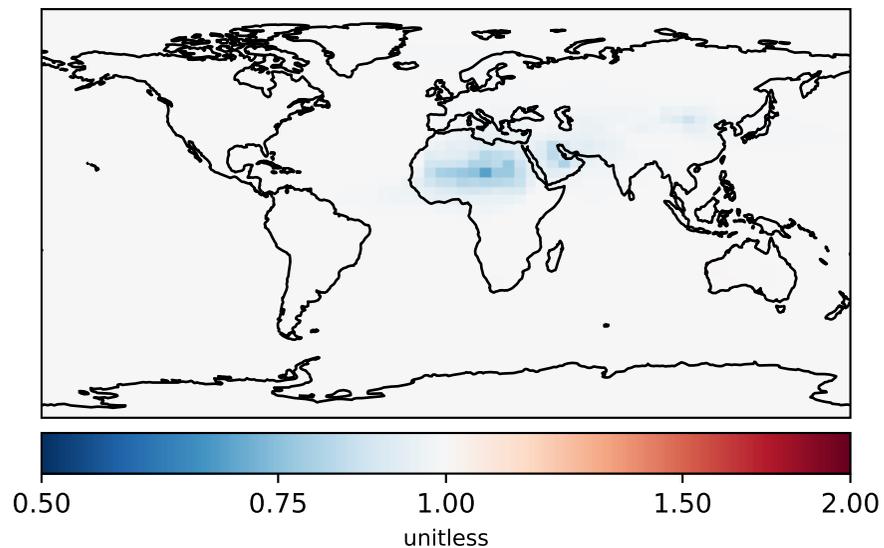# Jval_BrCl (Apr2019)

Jval_BrNO2 (Apr2019)

gcc.14.5.0-rc.0 (Ref)
4.0x5.0

gcc.14.7.0-rc.0 (Dev)
4.0x5.0

Difference
Dev - Ref, Dynamic Range

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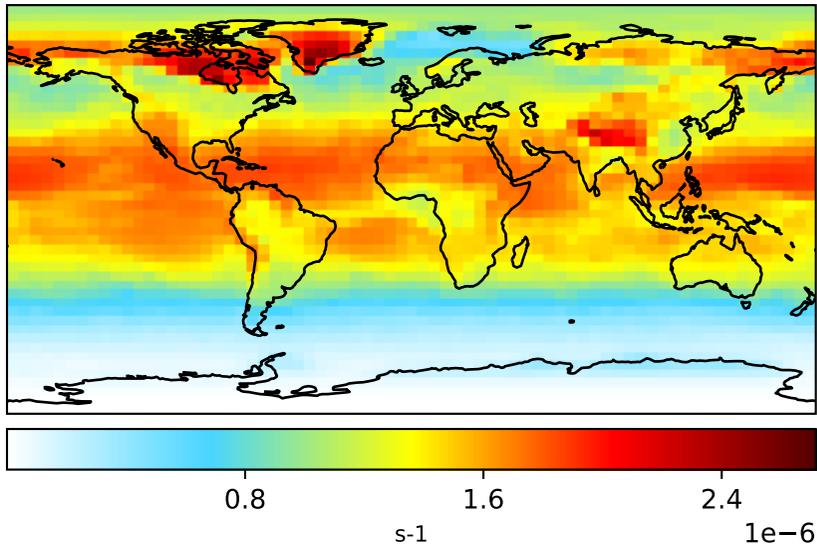Dev - Ref, Restricted Range [5%,95%]
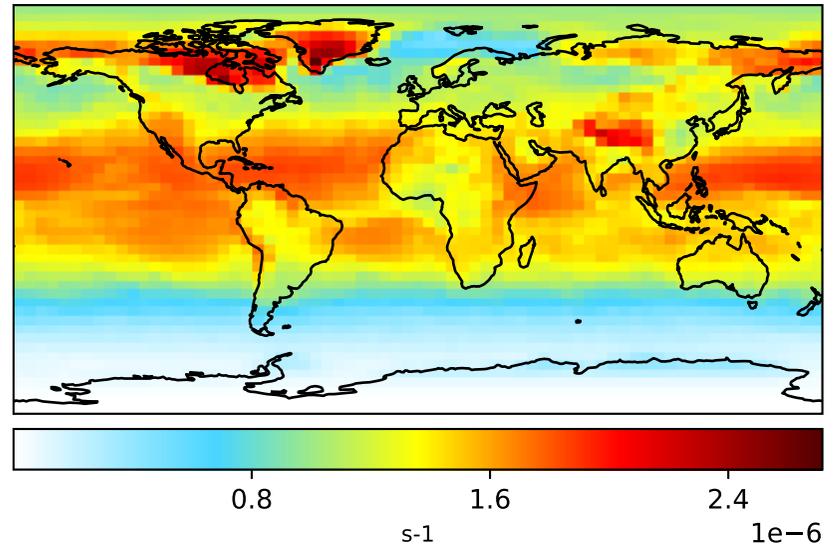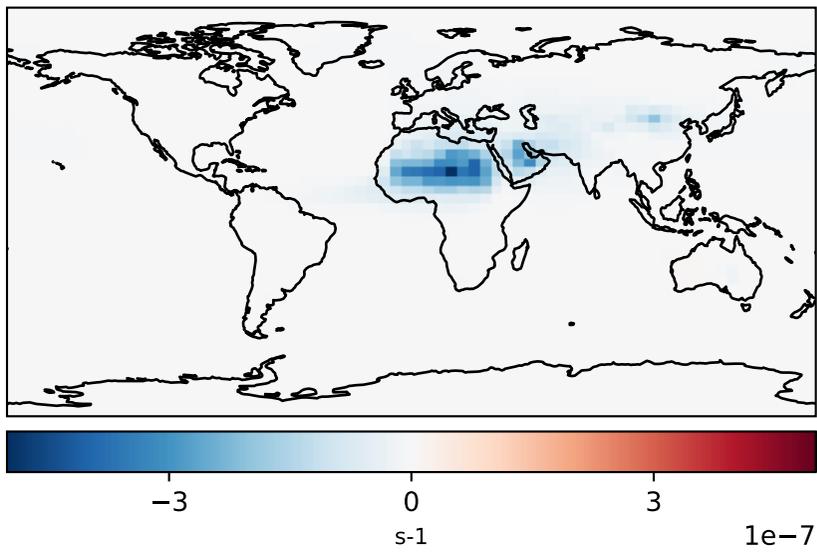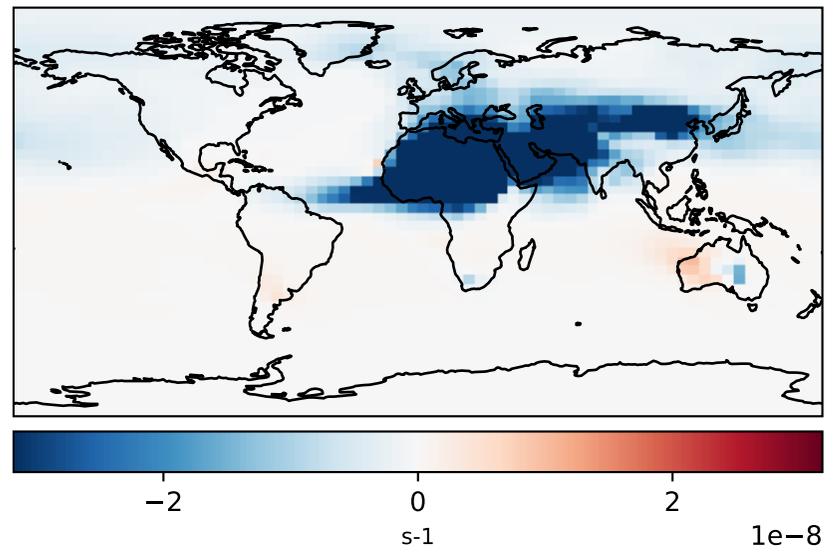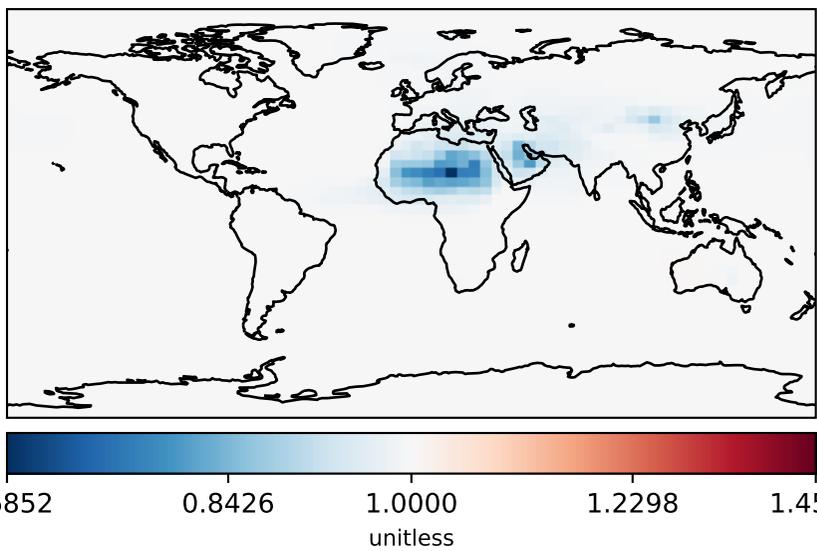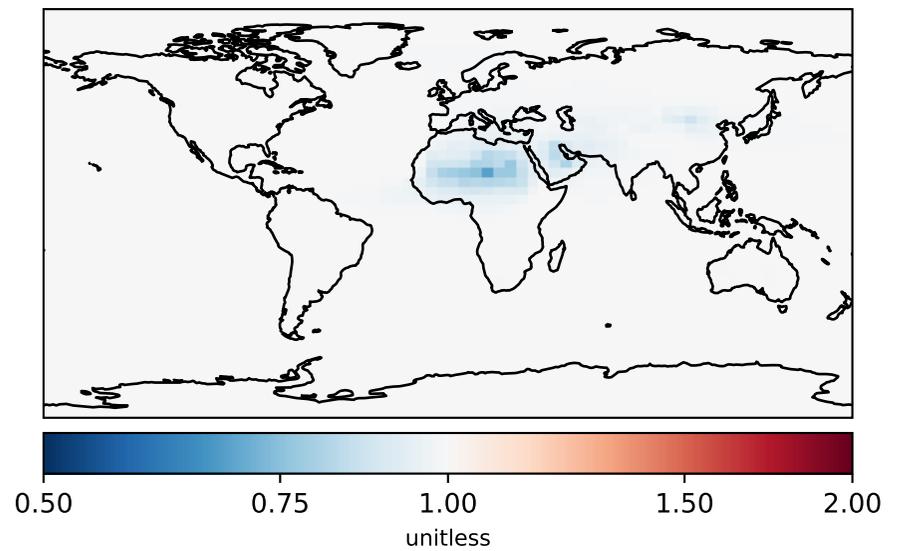
Ratio
Dev/Ref, Dynamic Range

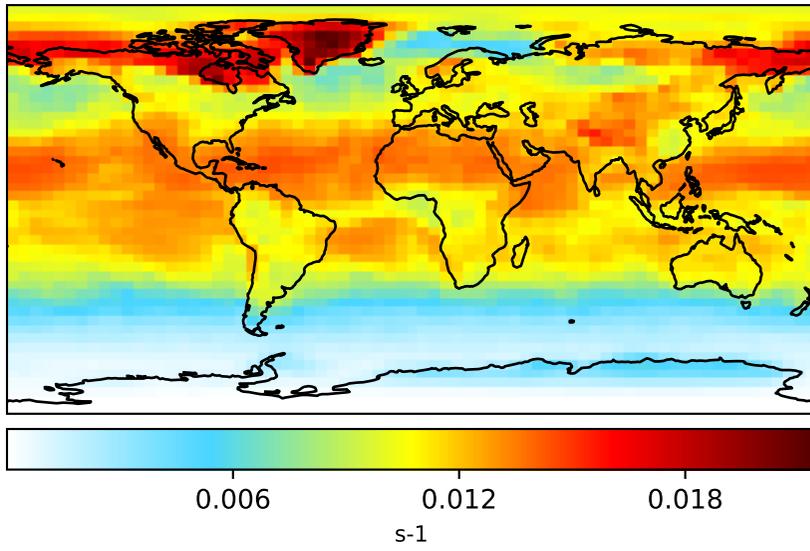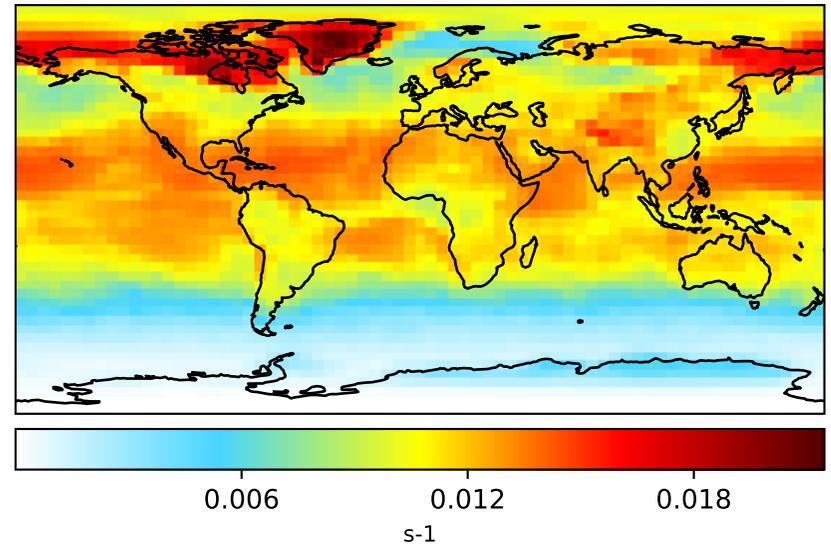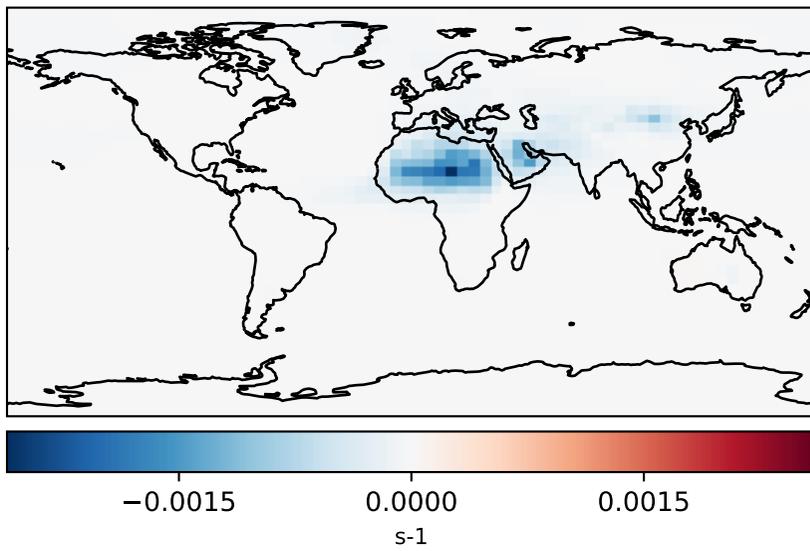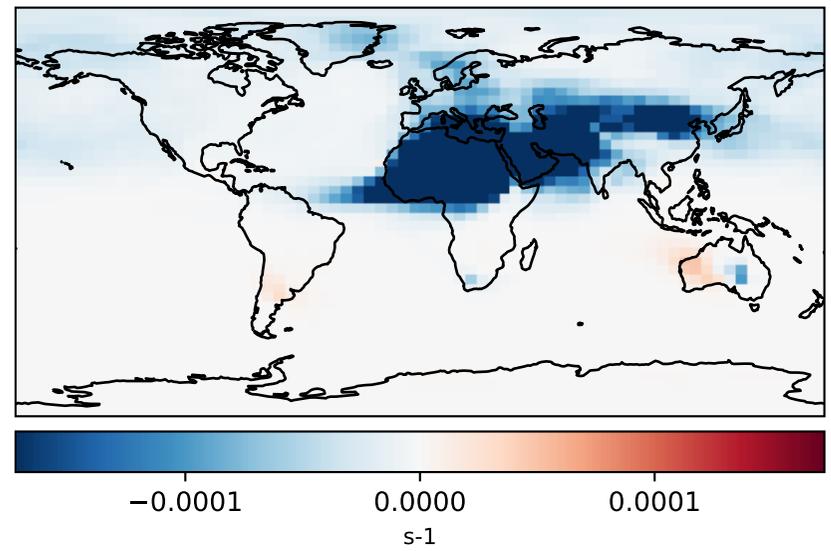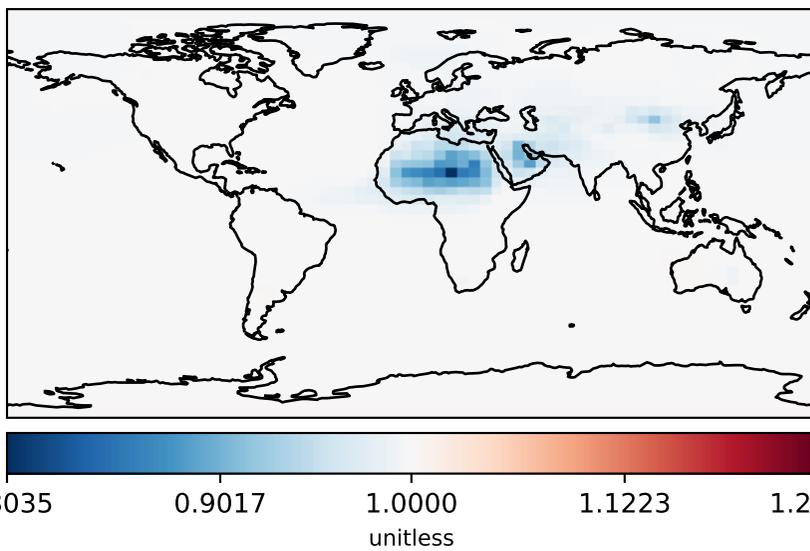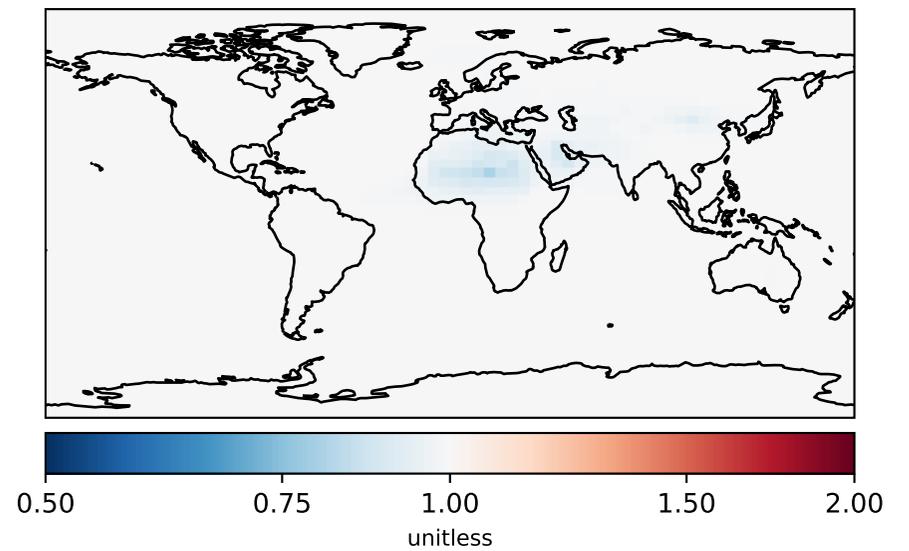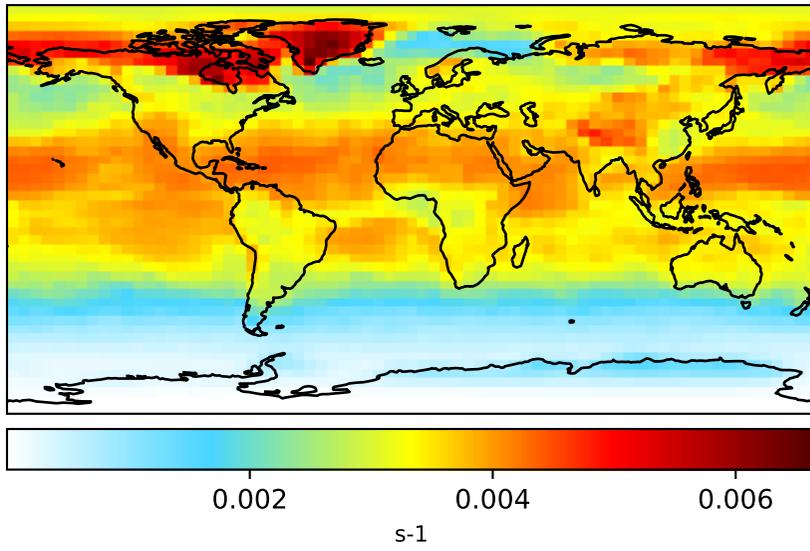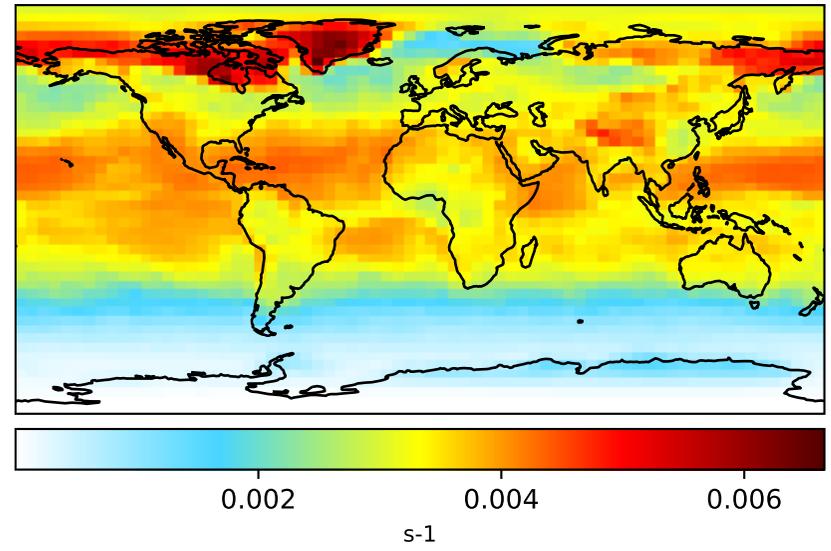Ratio
Dev/Ref, Fixed Range
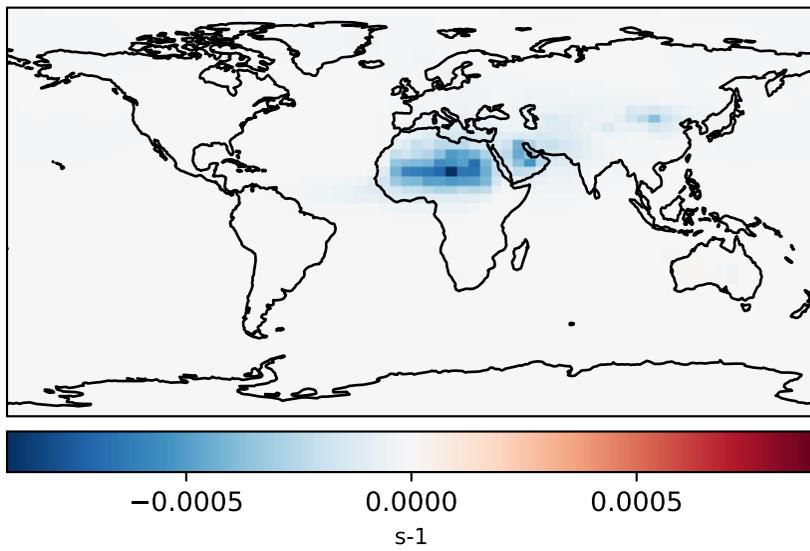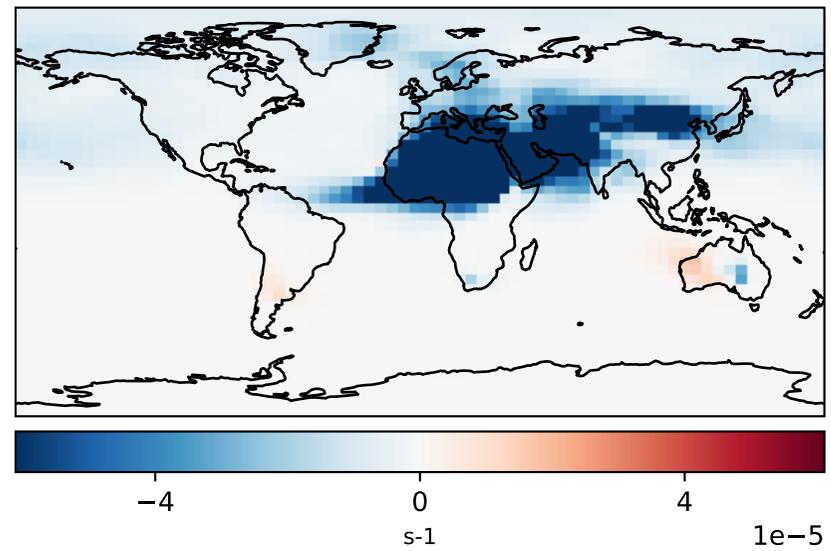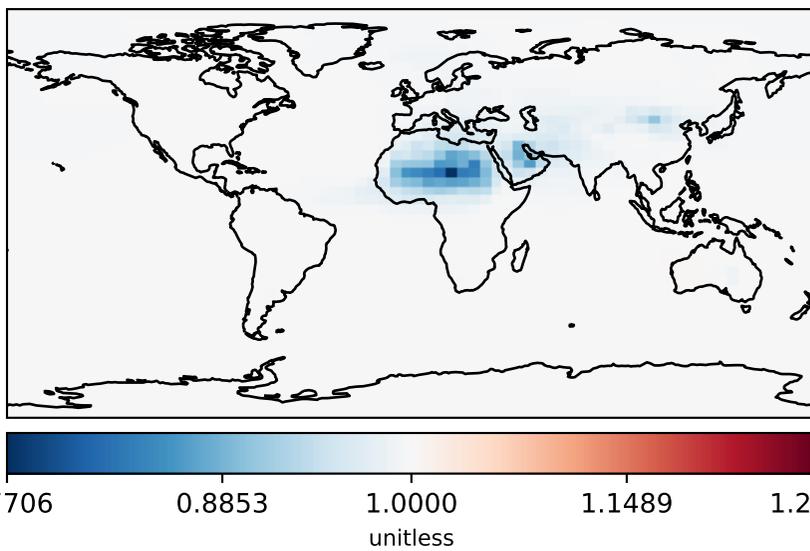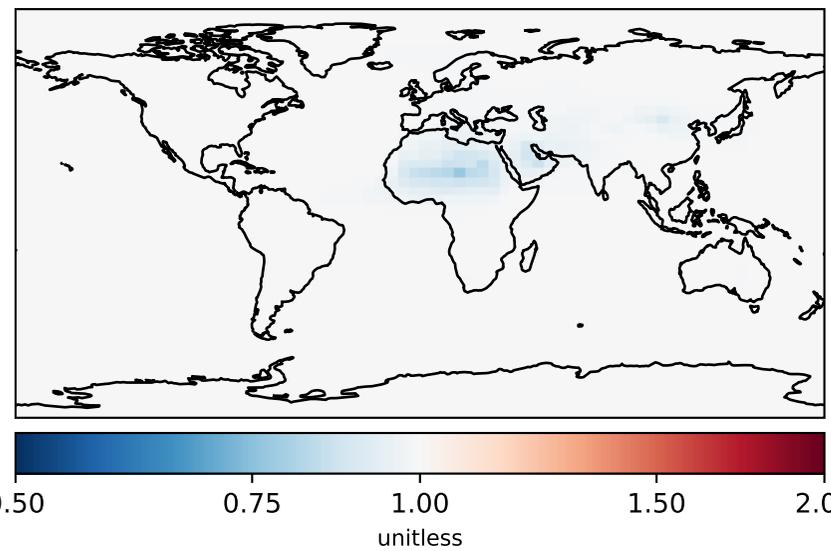
Jval_BrNO3 (Apr2019)

Jval_BrO (Apr2019)

gcc.14.5.0-rc.0 (Ref)
4.0x5.0

gcc.14.7.0-rc.0 (Dev)
4.0x5.0

Difference
Dev - Ref, Dynamic Range

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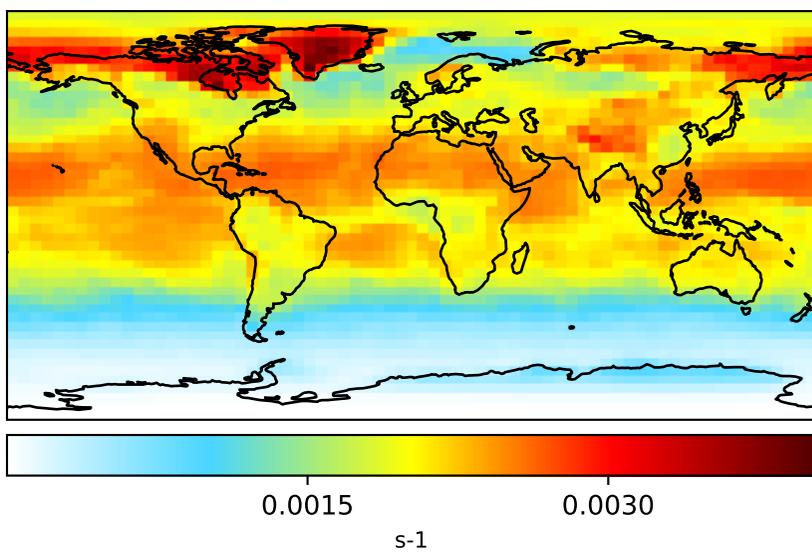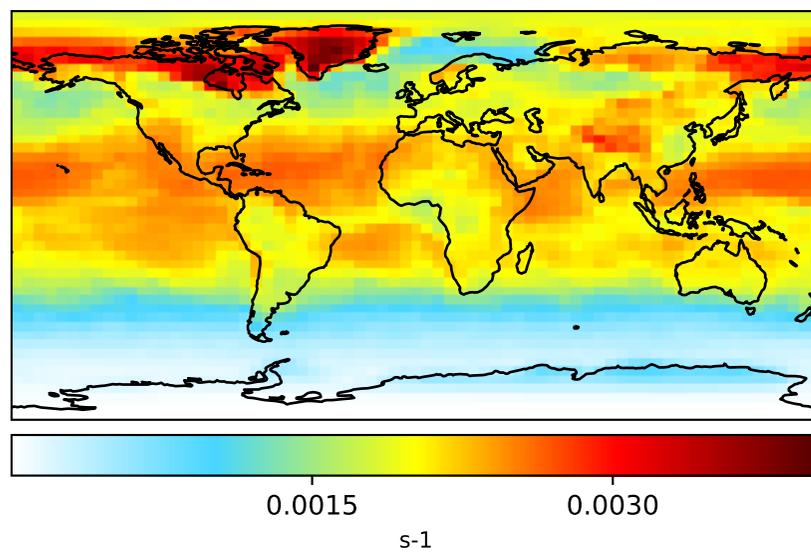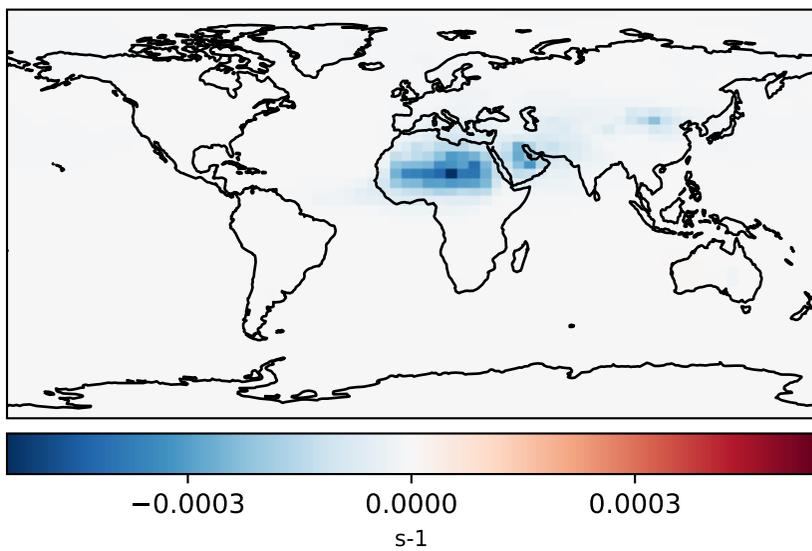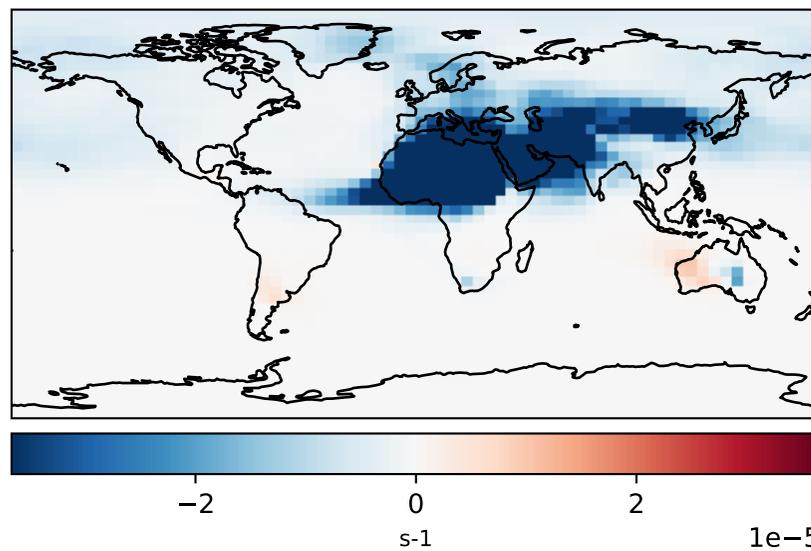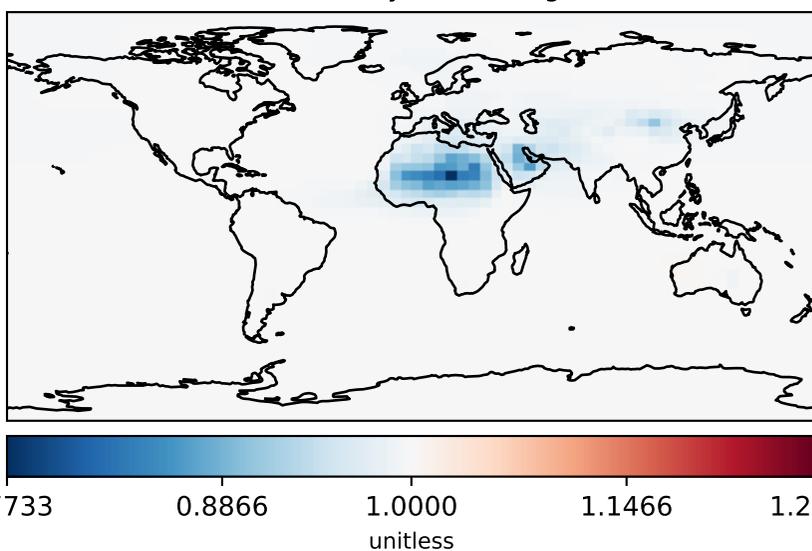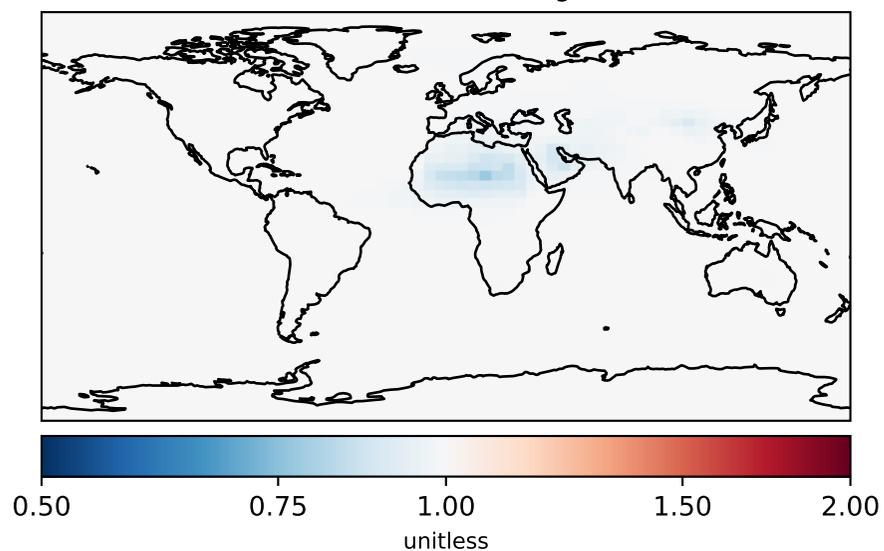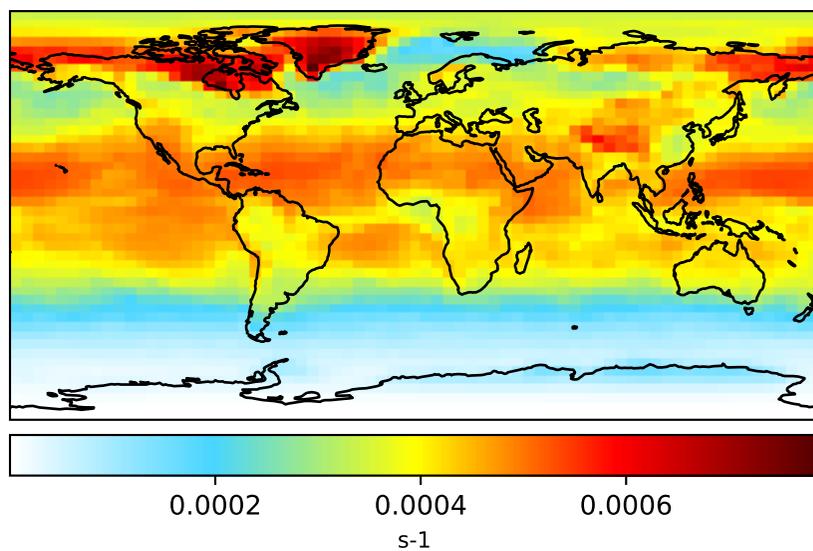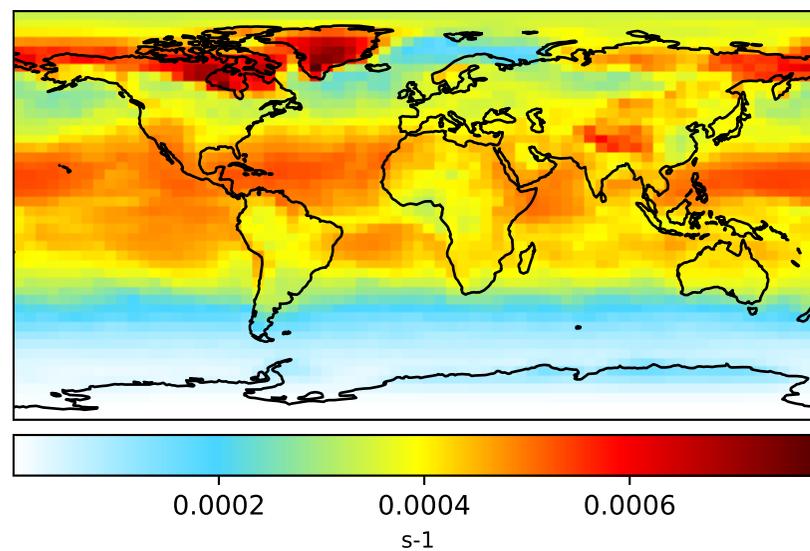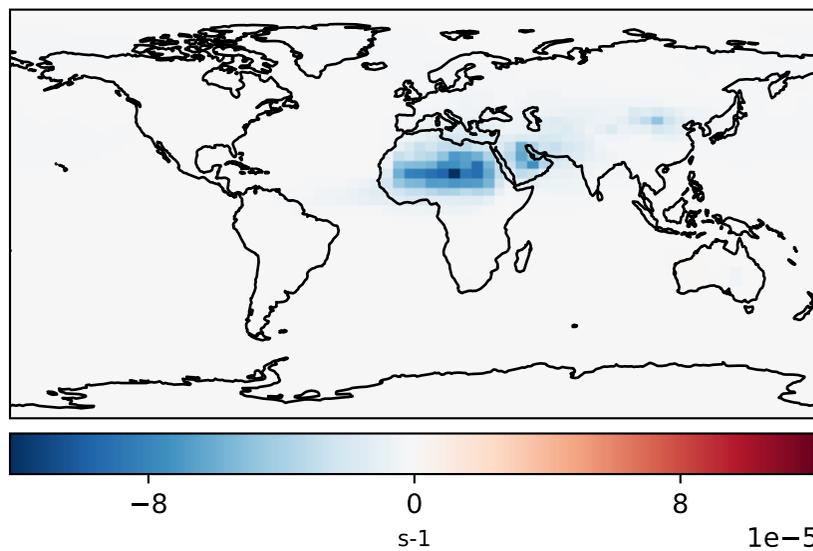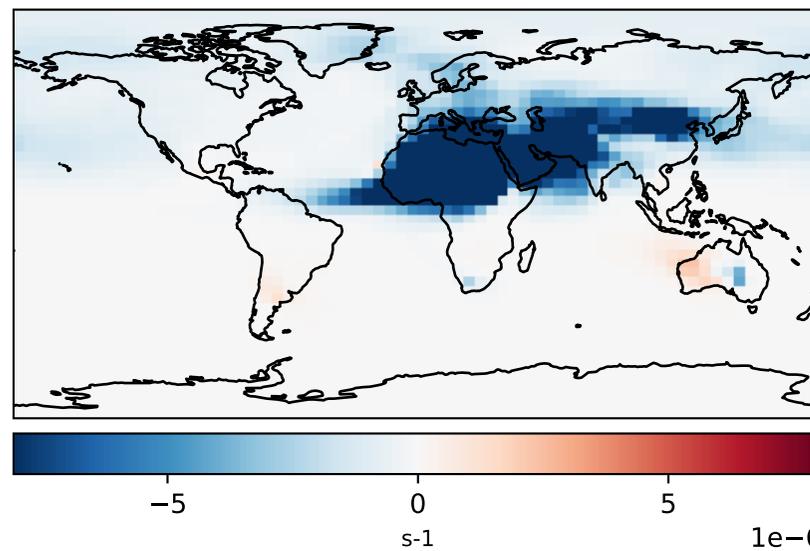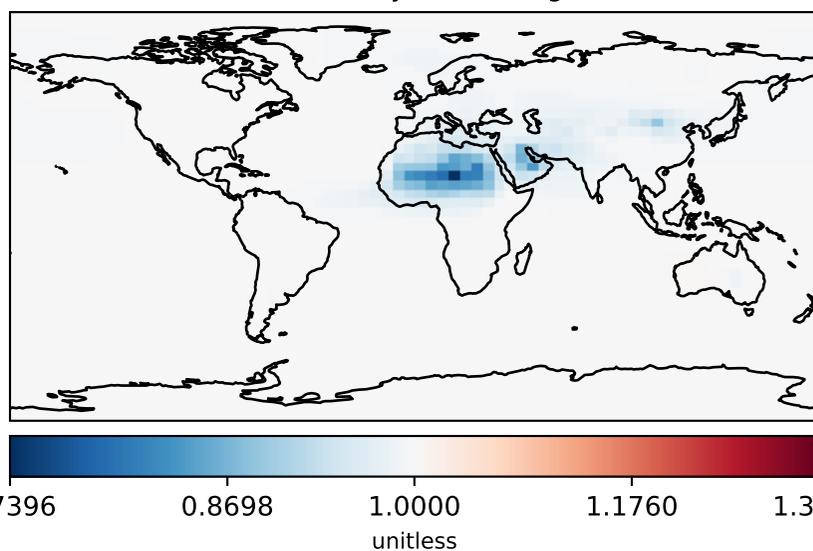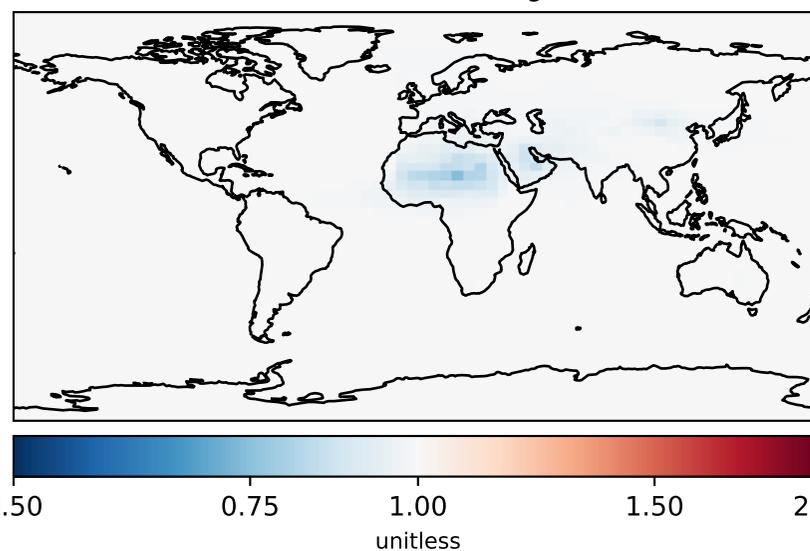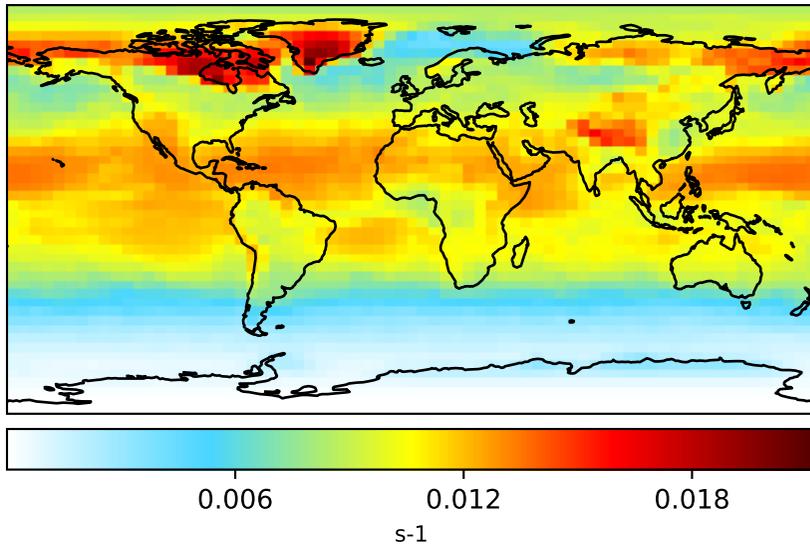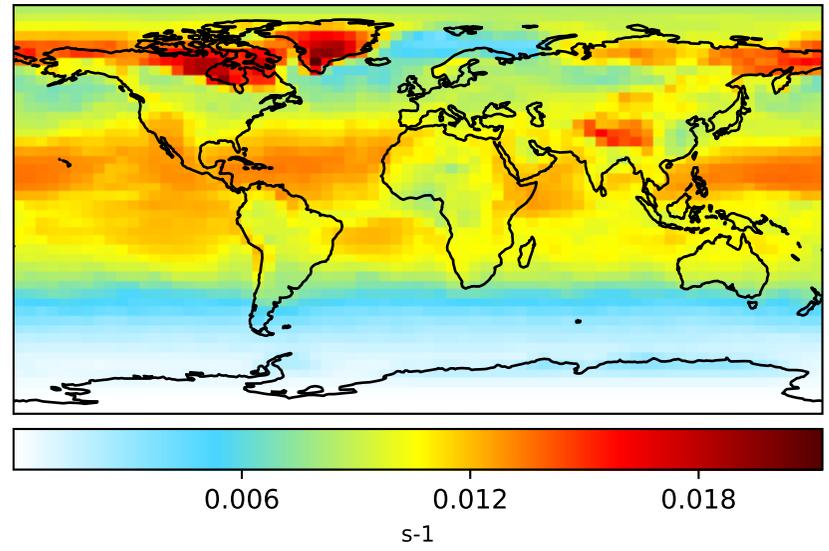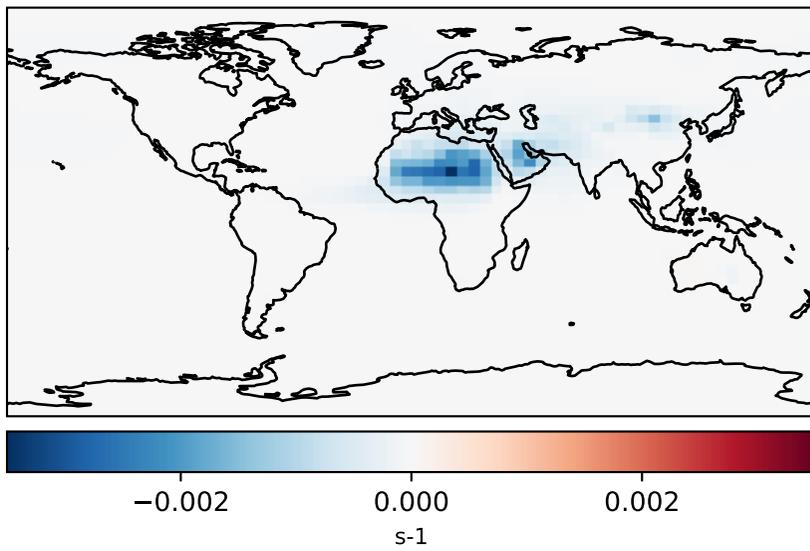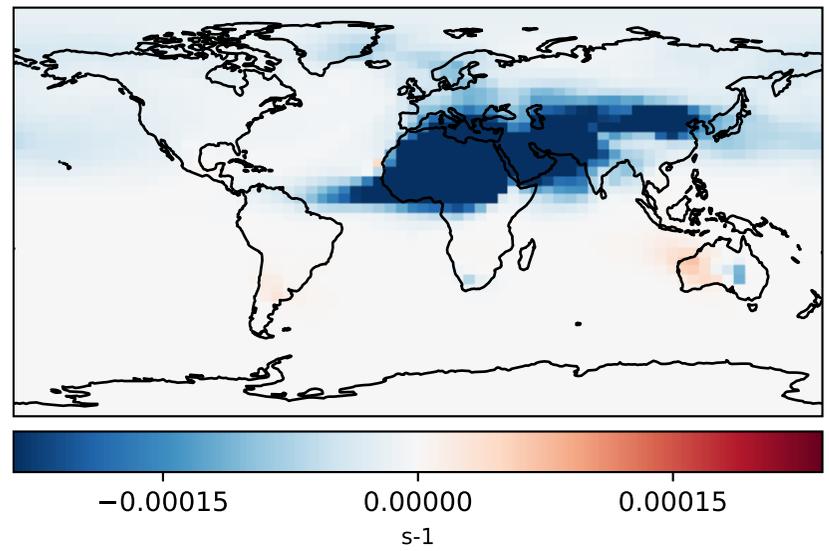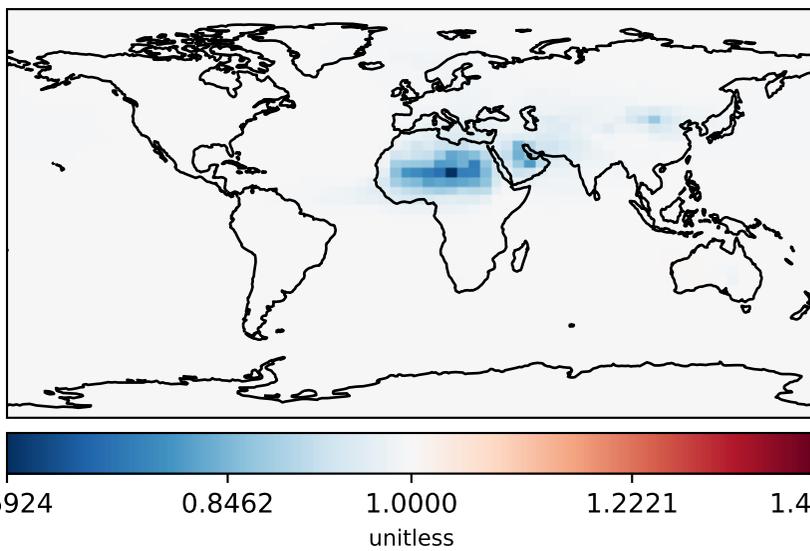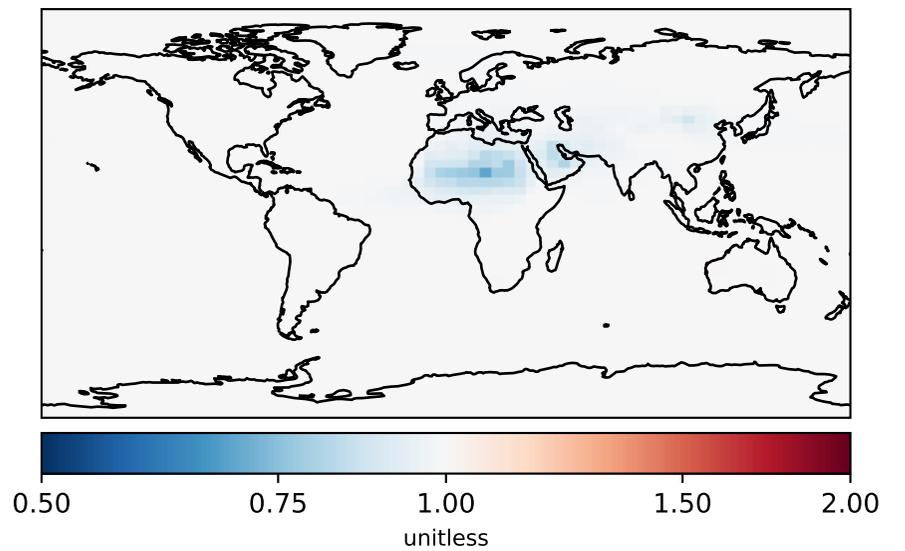Dev - Ref, Restricted Range [5%,95%]

Ratio
Dev/Ref, Dynamic Range

Ratio
Dev/Ref, Fixed Range

Jval_C96O2H (Apr2019)

Jval_CCl4 (Apr2019)

Jval_CFC11 (Apr2019)

gcc.14.5.0-rc.0 (Ref)
4.0x5.0

gcc.14.7.0-rc.0 (Dev)
4.0x5.0

Difference
Dev - Ref, Dynamic Range

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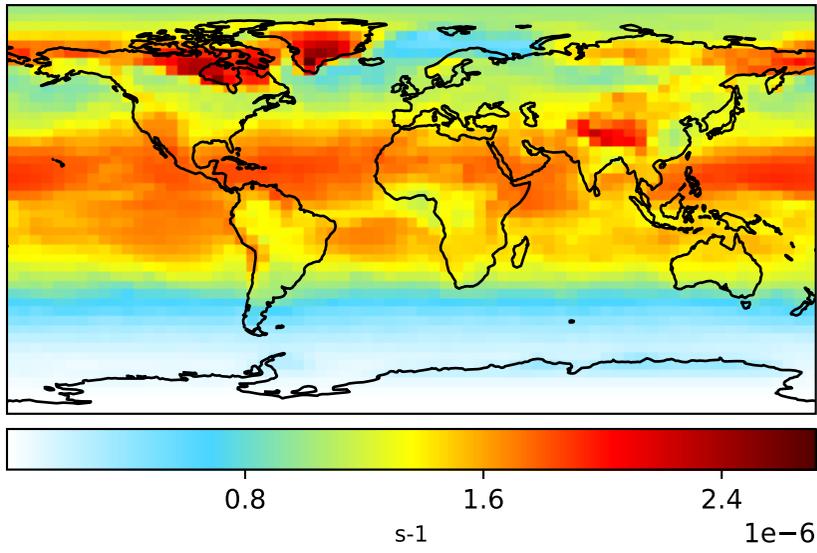Dev - Ref, Restricted Range [5%,95%]
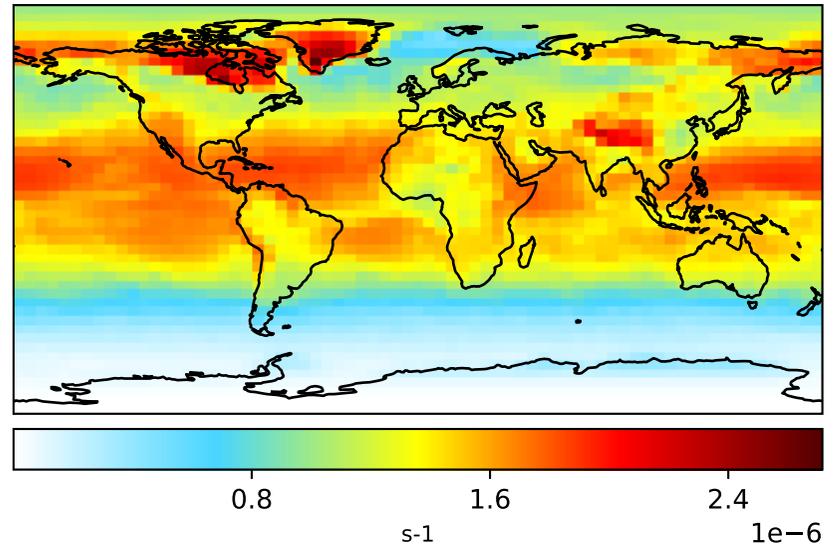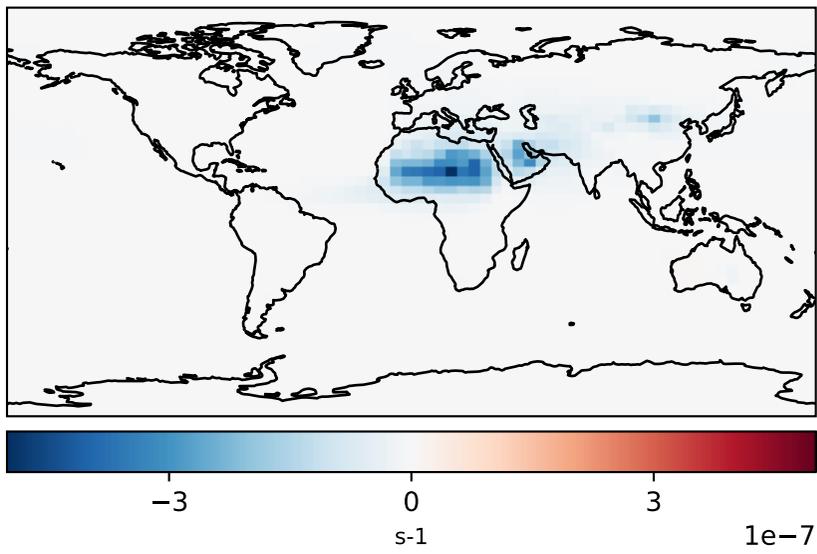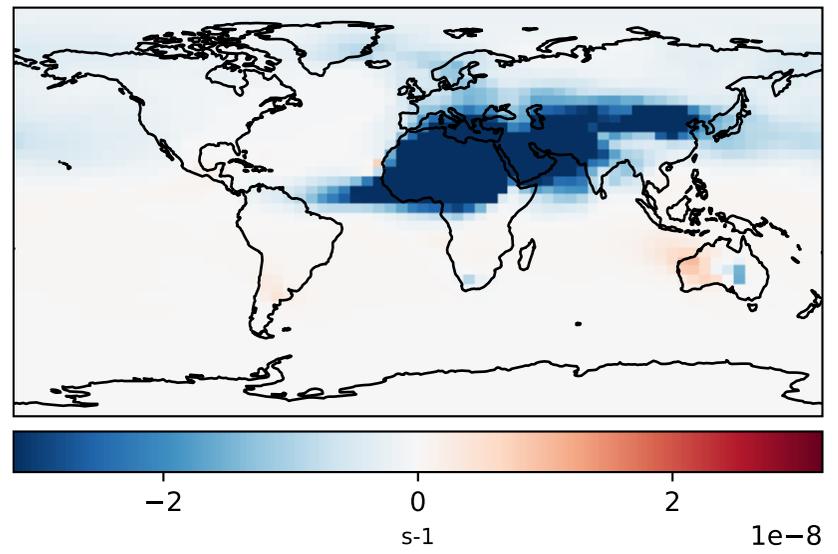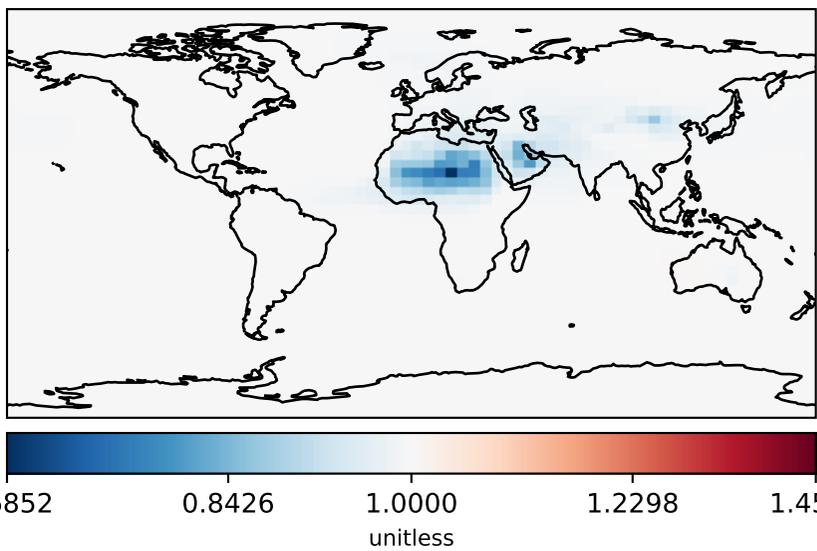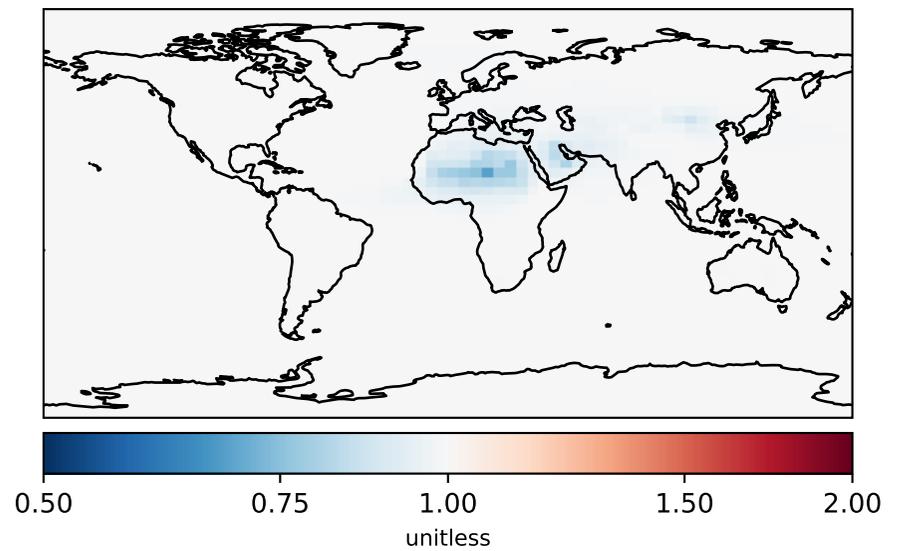
Ratio
Dev/Ref, Dynamic Range

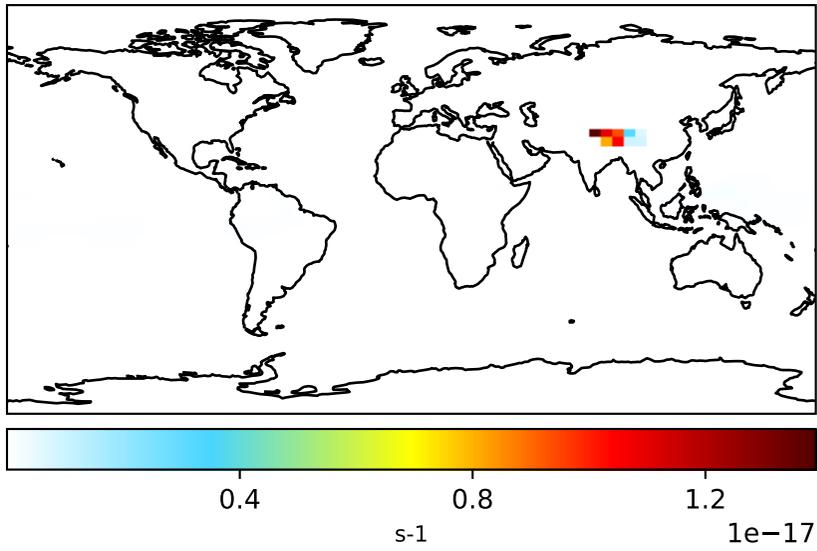Ratio
Dev/Ref, Fixed Range

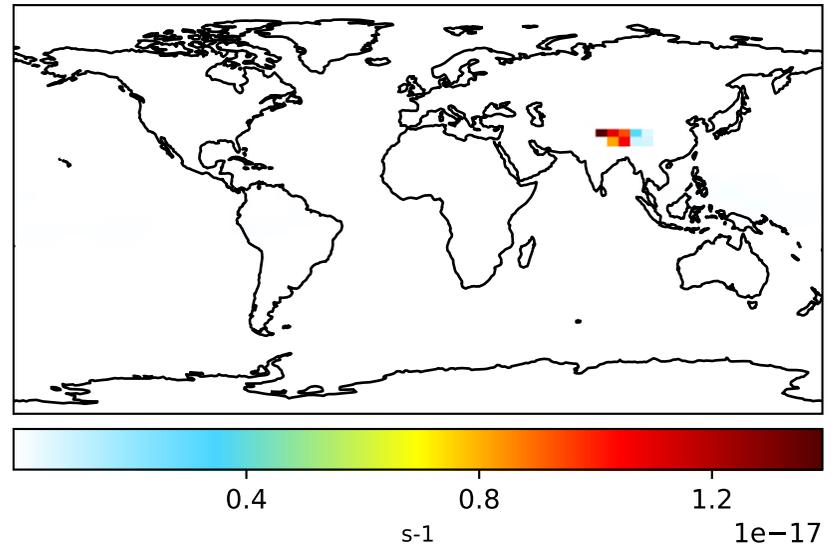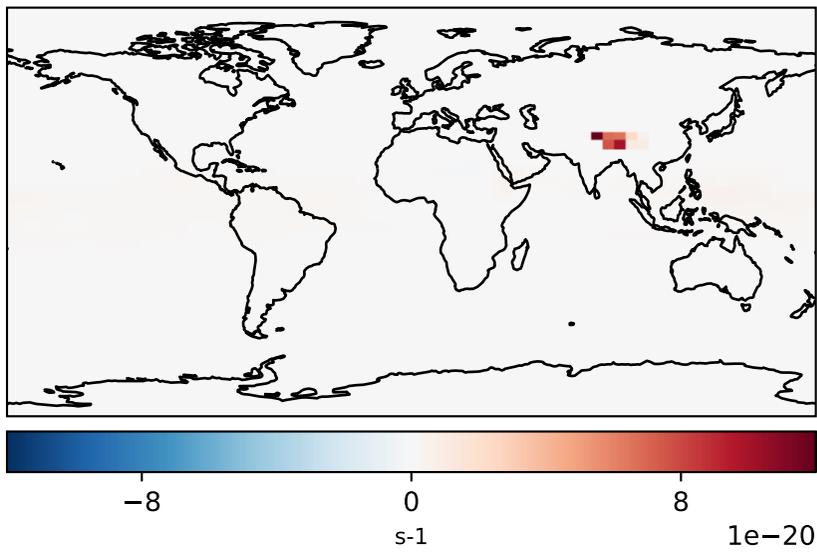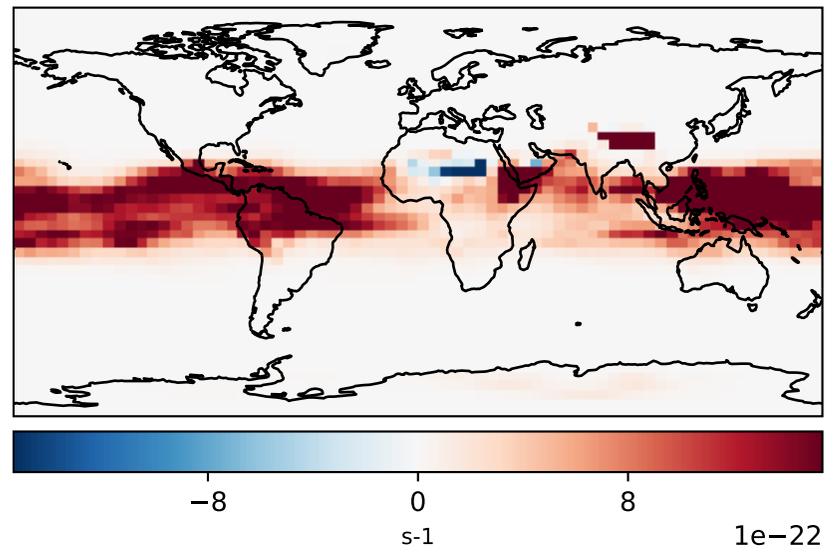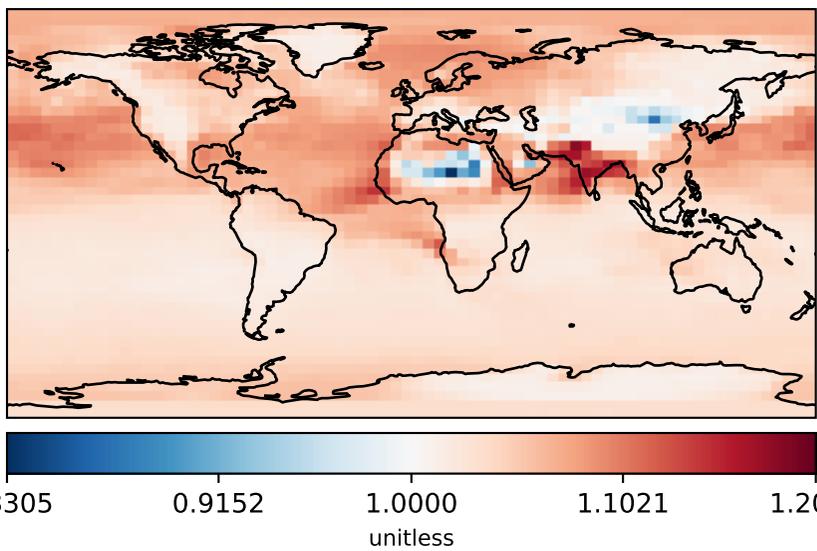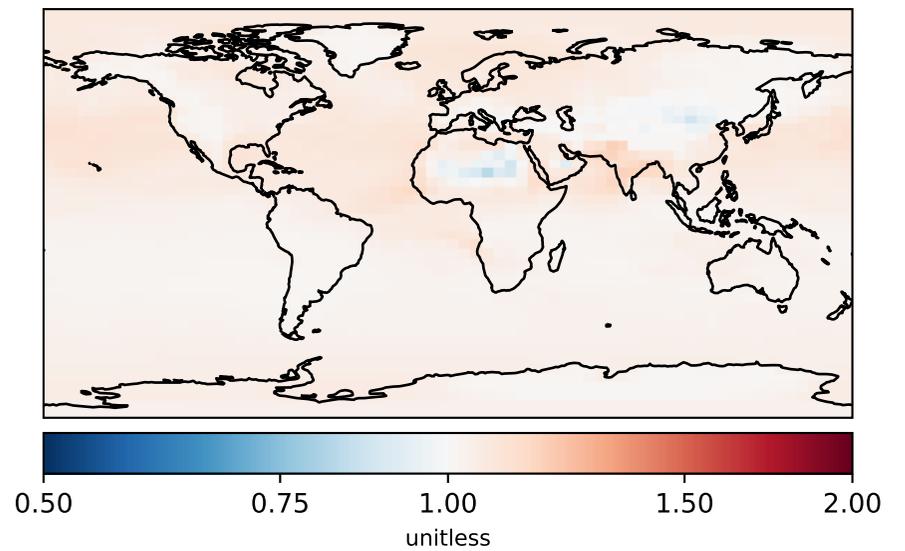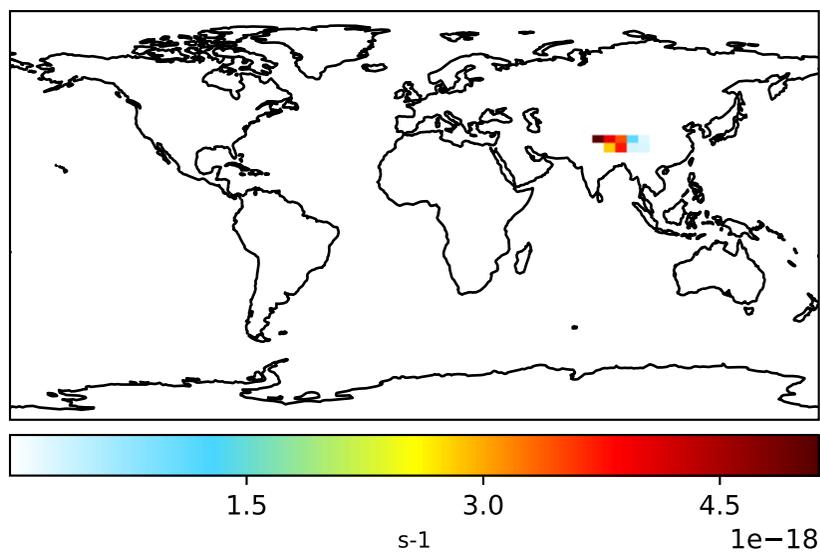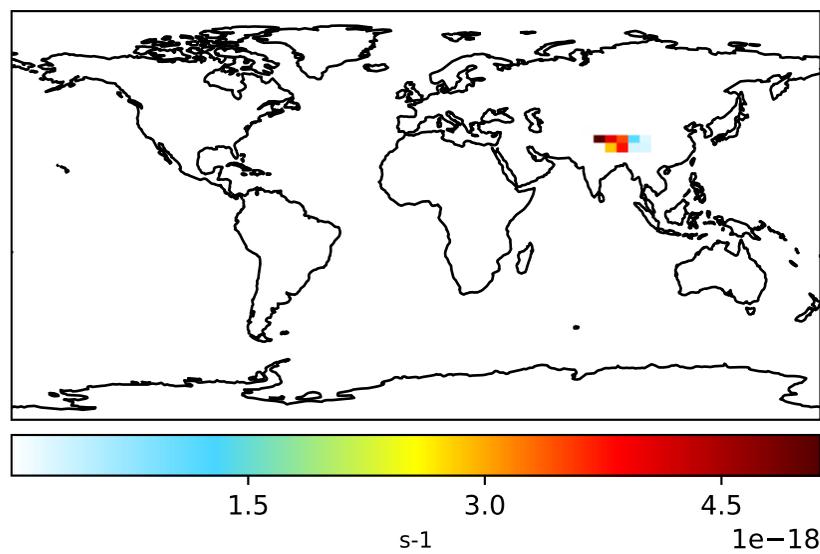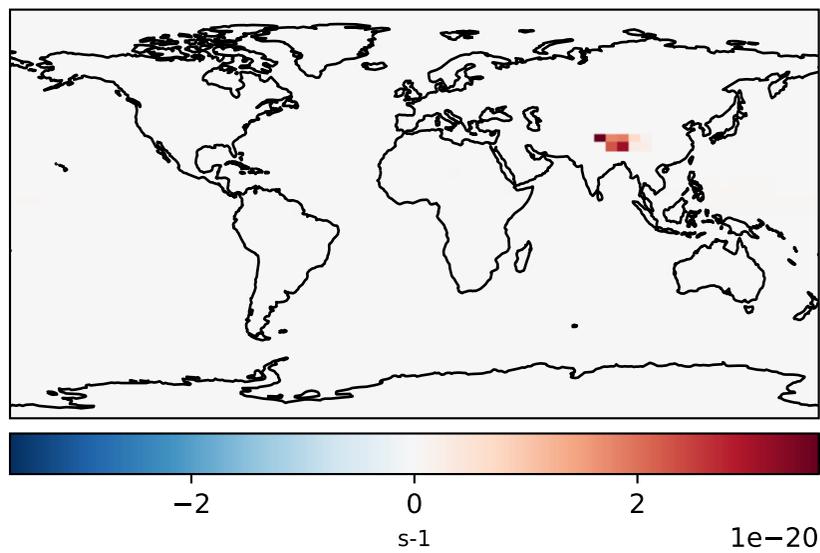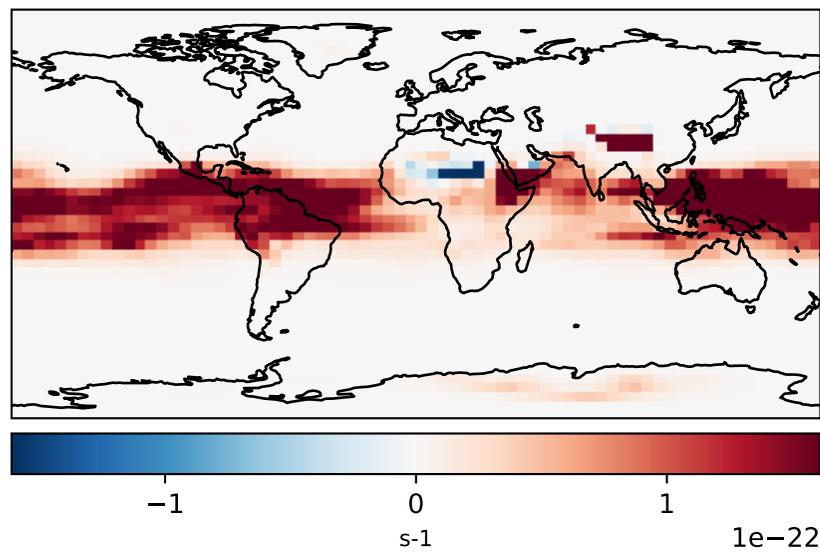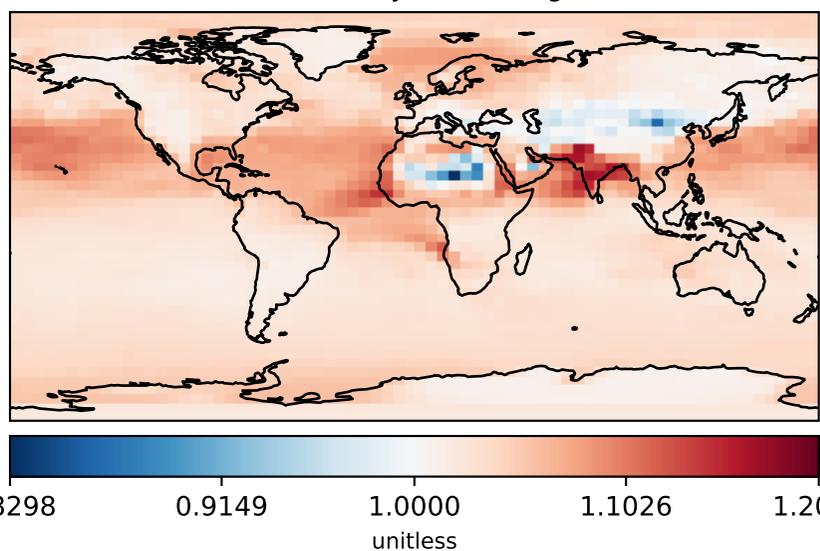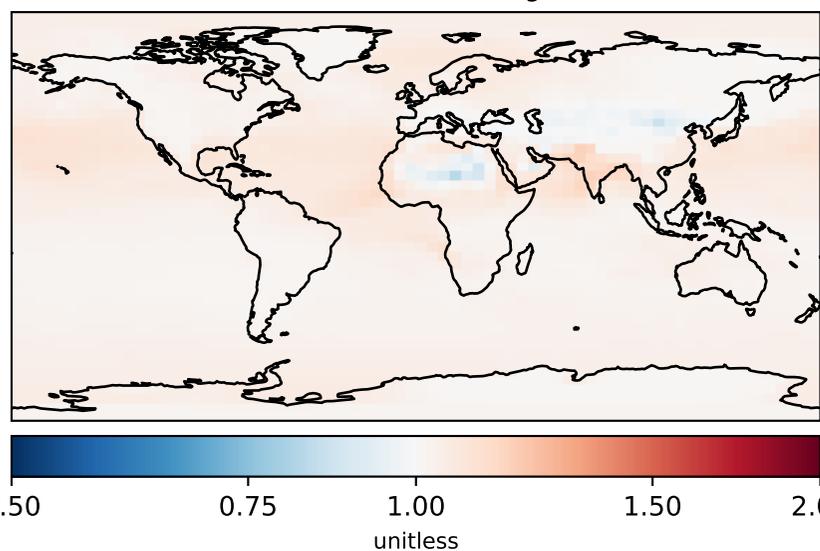# Jval_CFC113 (Apr2019)

gcc.14.5.0-rc.0 (Ref)
4.0x5.0

gcc.14.7.0-rc.0 (Dev)
4.0x5.0

Difference
Dev - Ref, Dynamic Range

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

Ratio
Dev/Ref, Dynamic Range

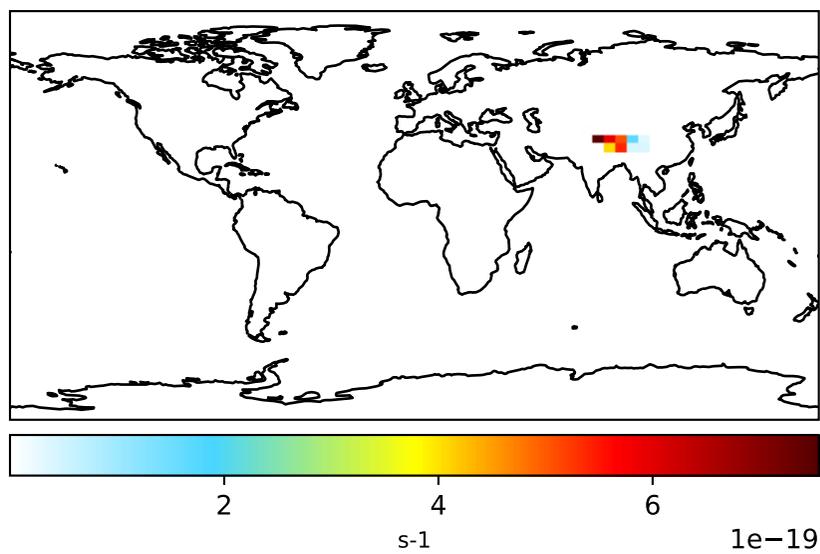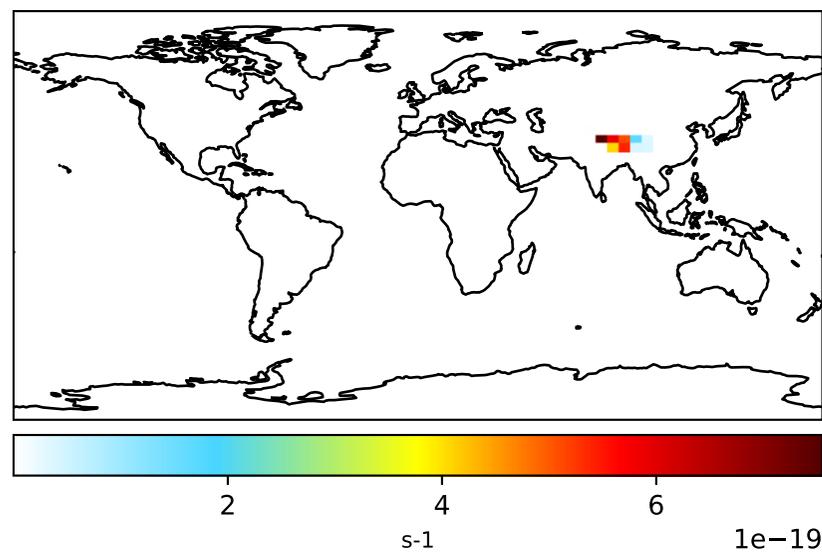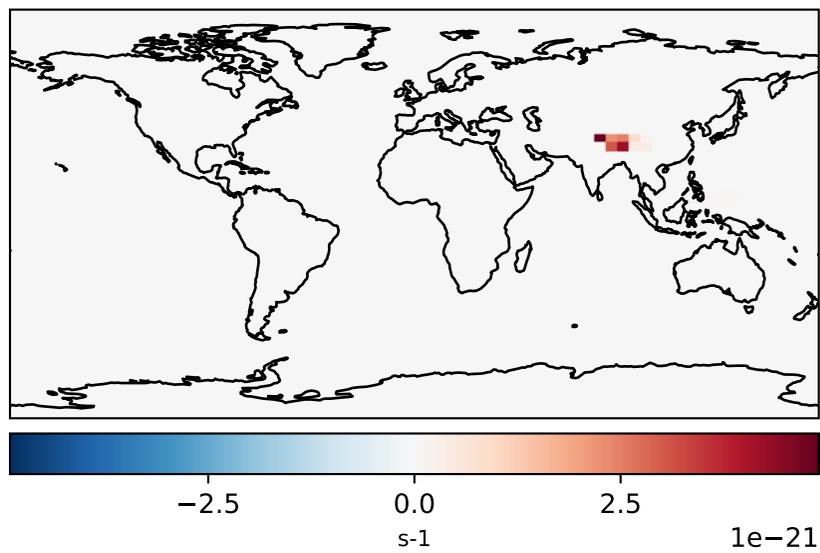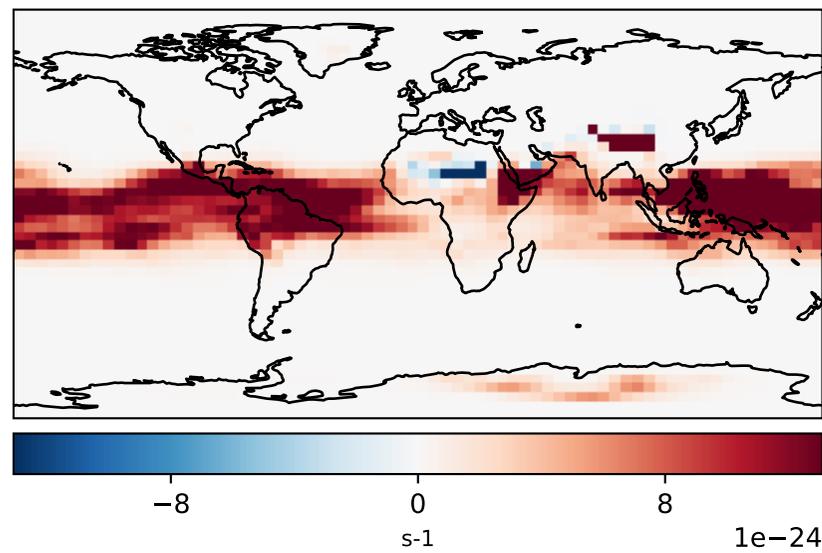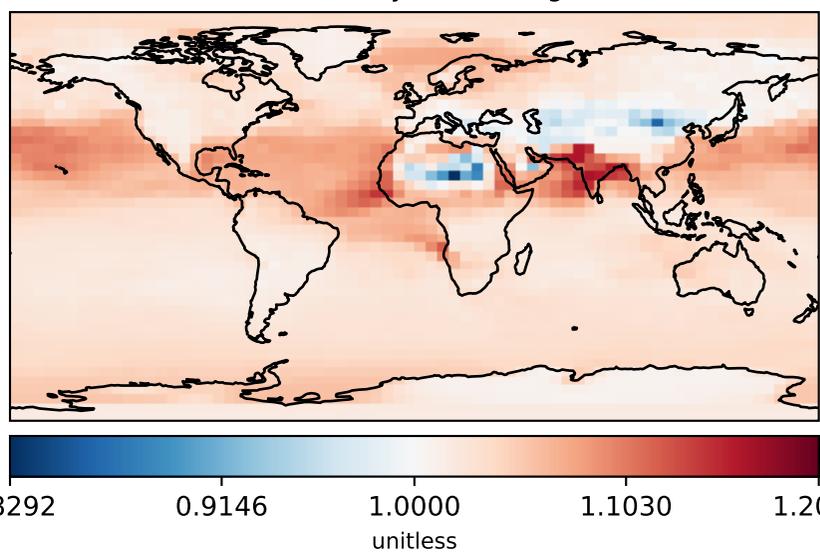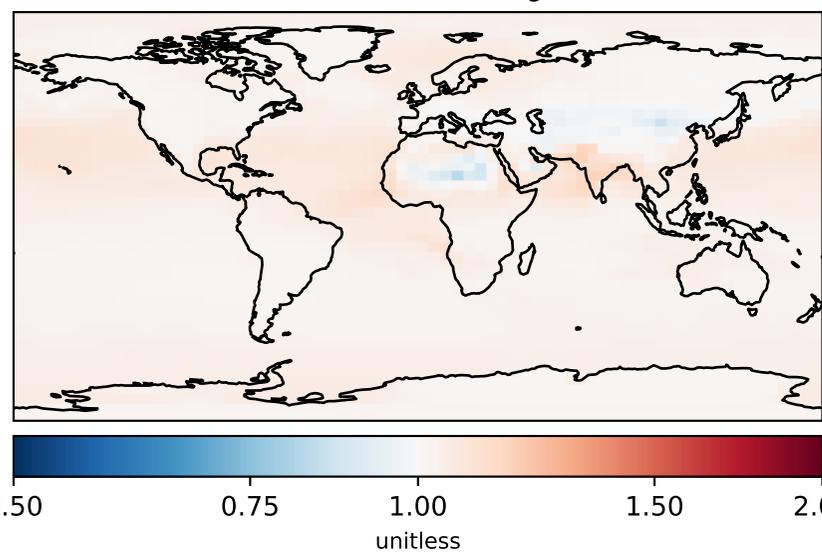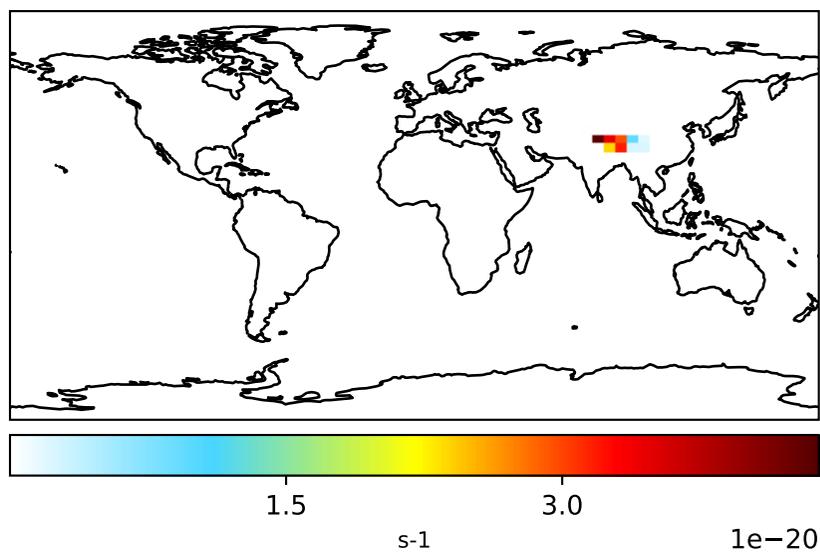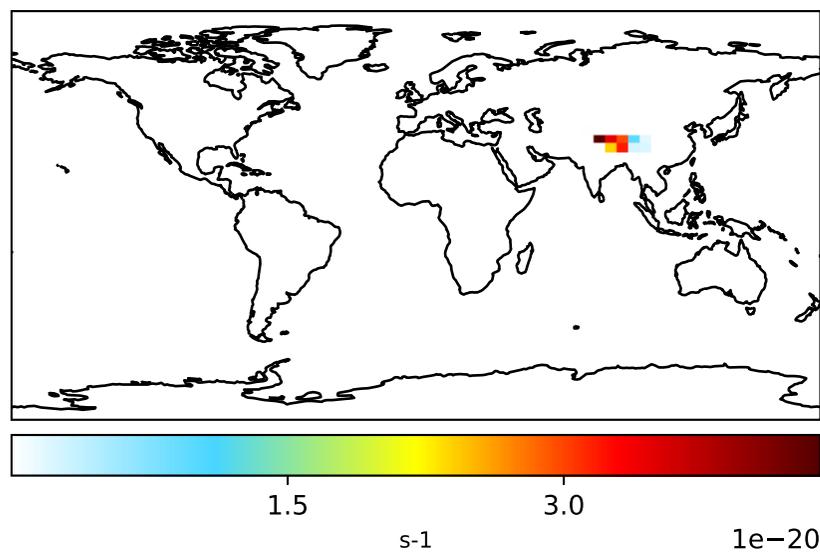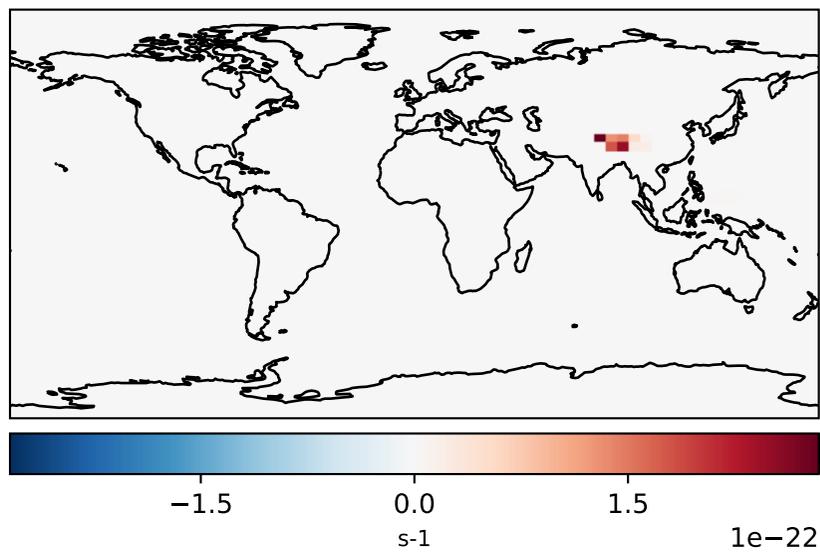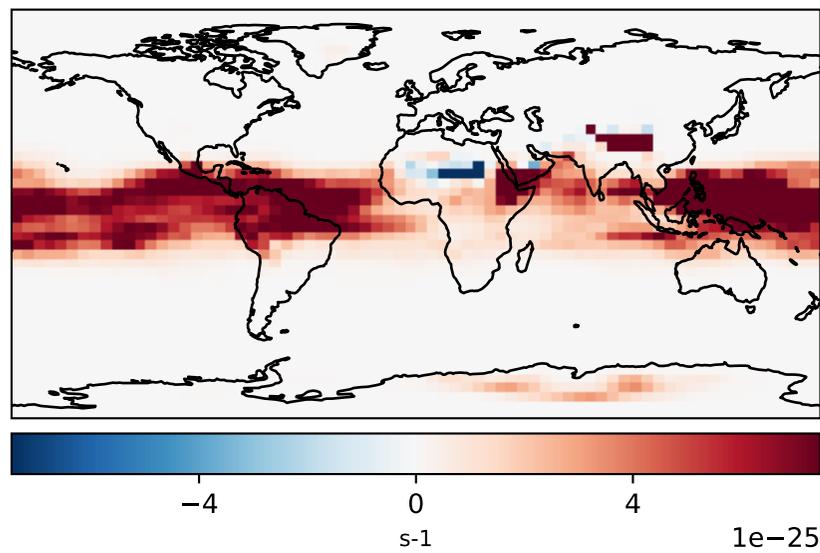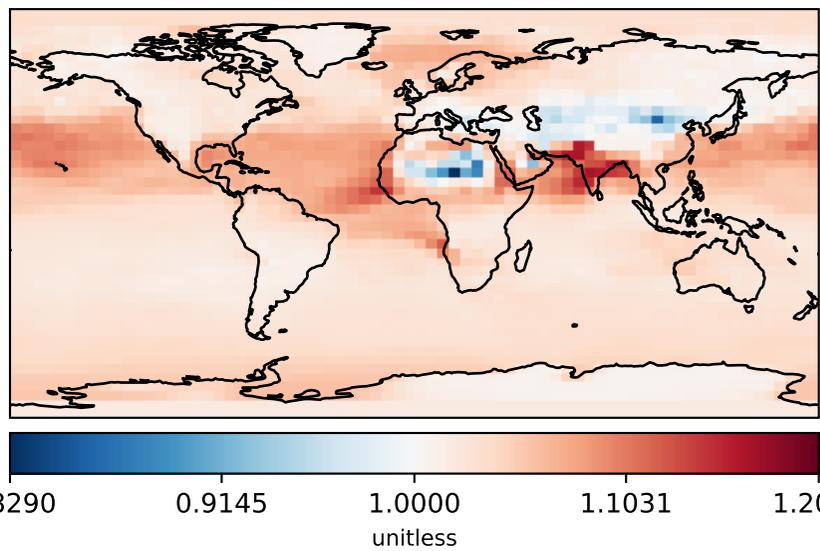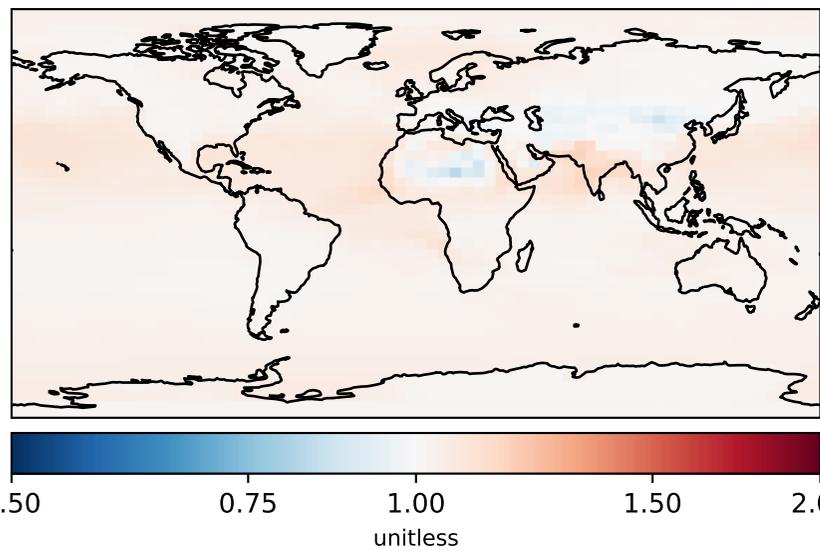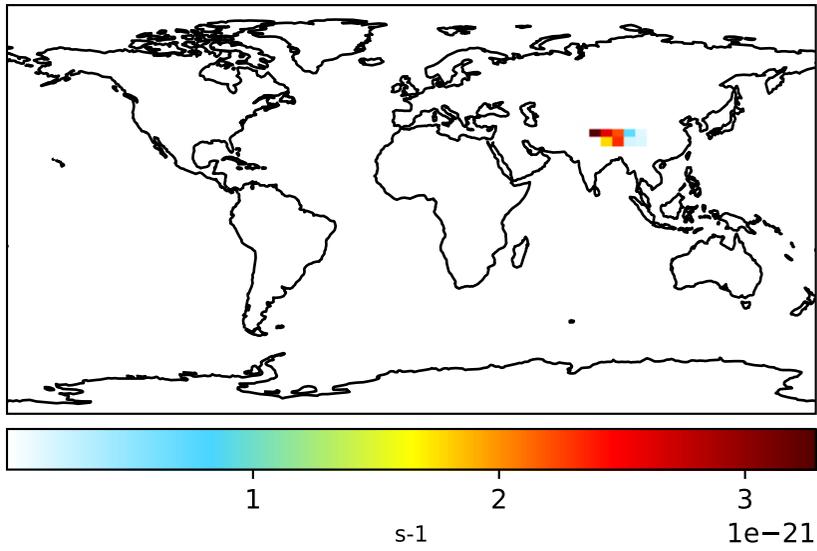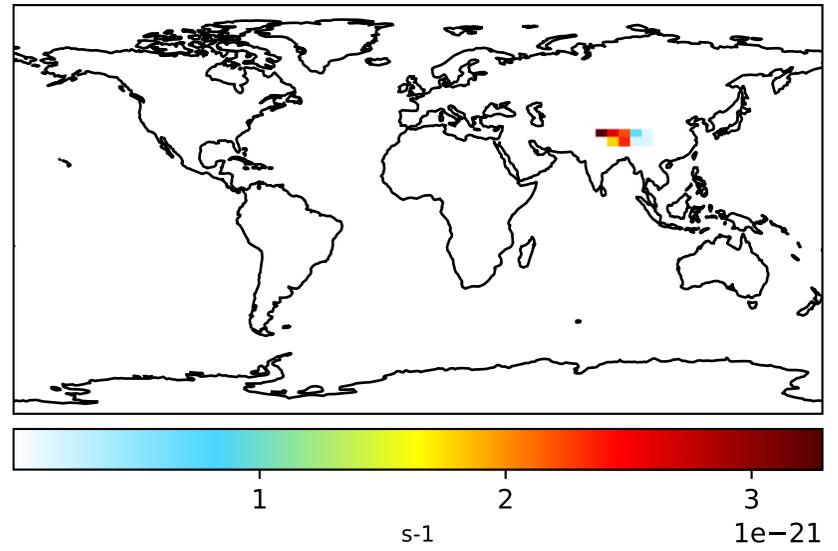Ratio
Dev/Ref, Fixed Range
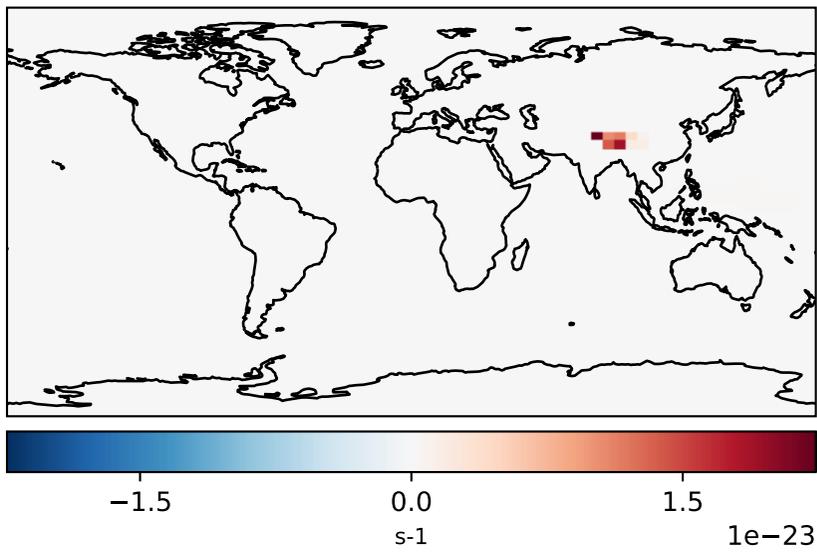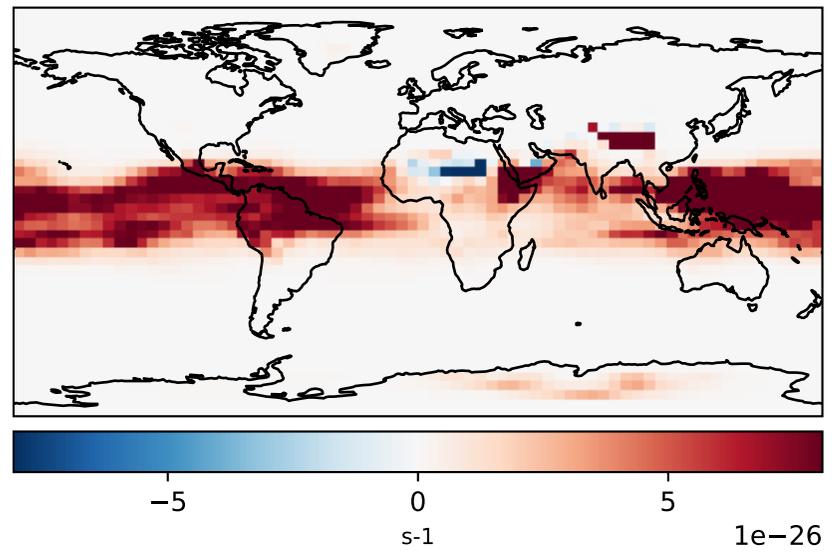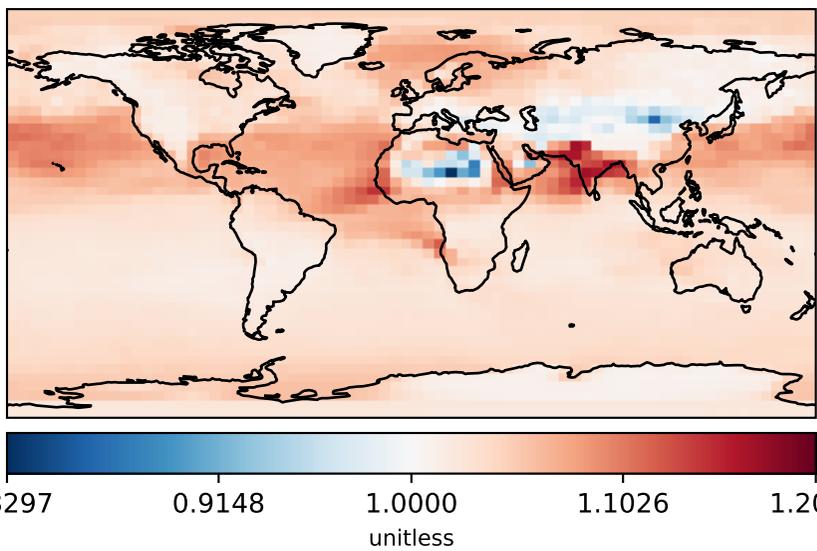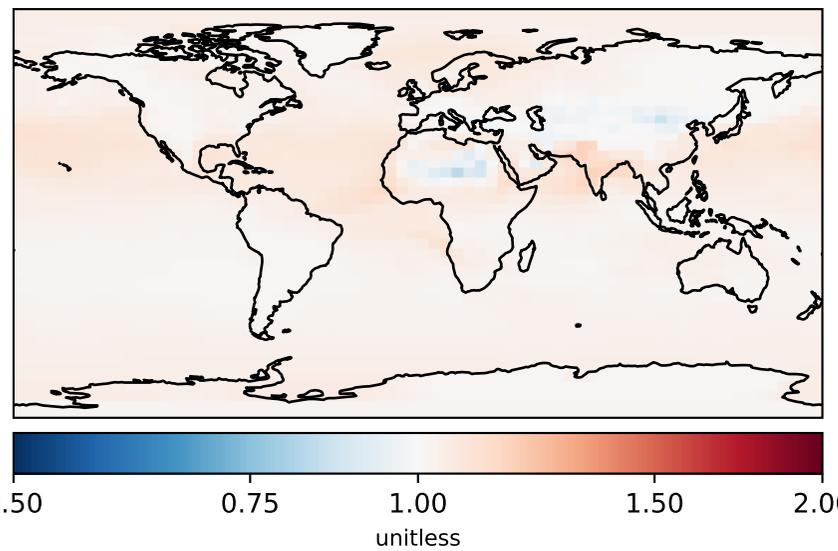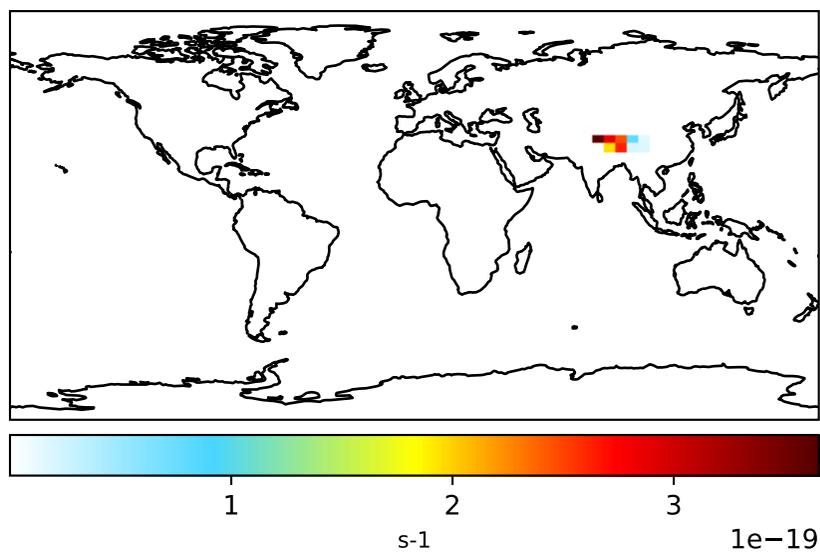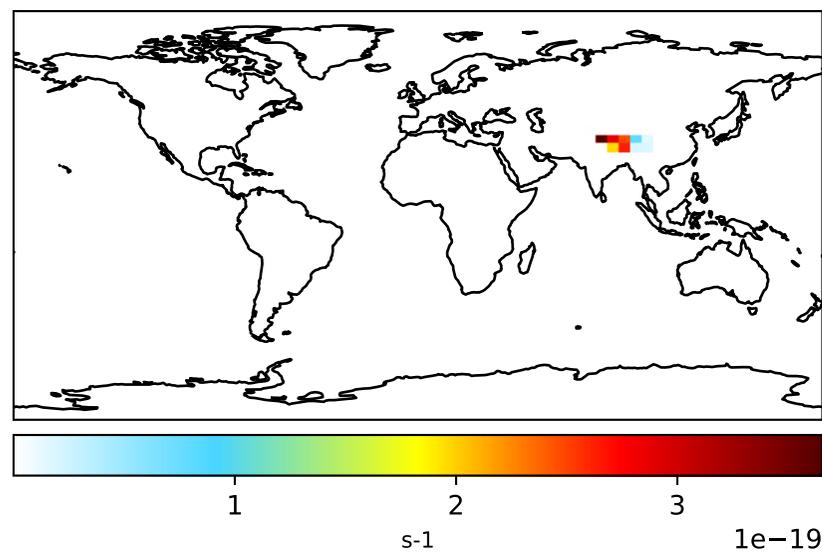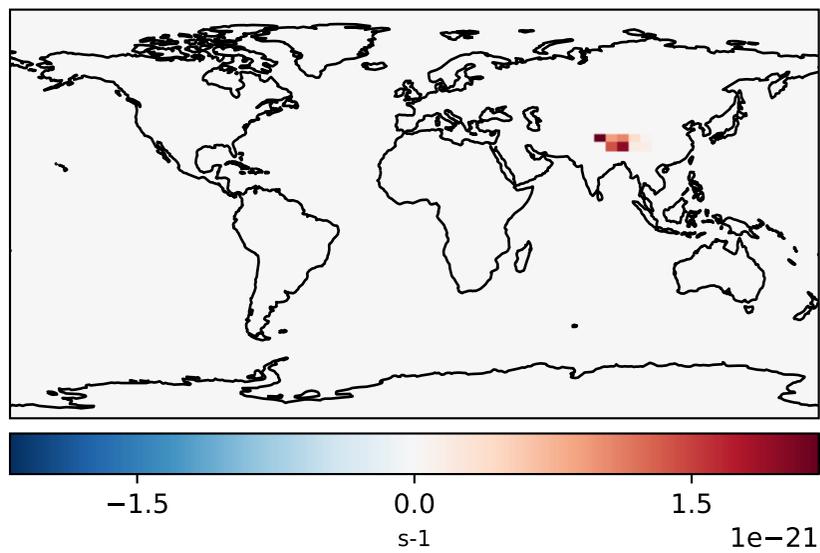
Jval_CFC114 (Apr2019)

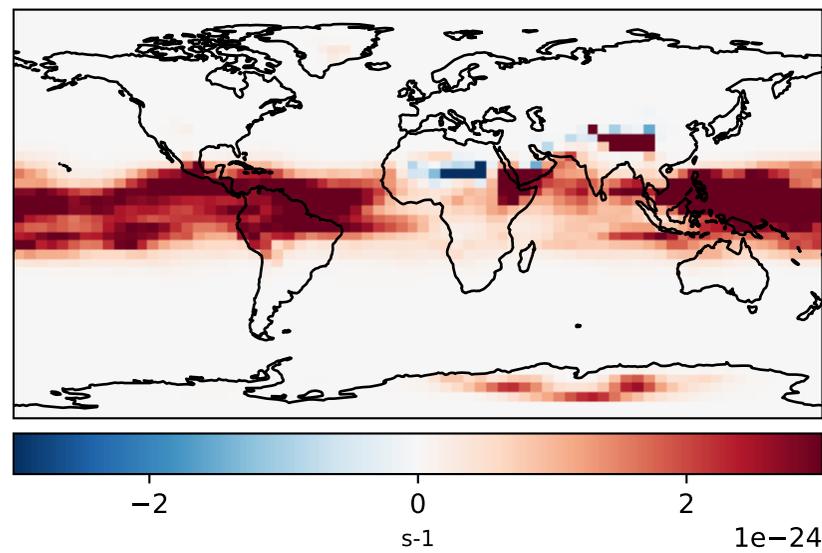gcc.14.5.0-rc.0 (Ref)
4.0x5.0

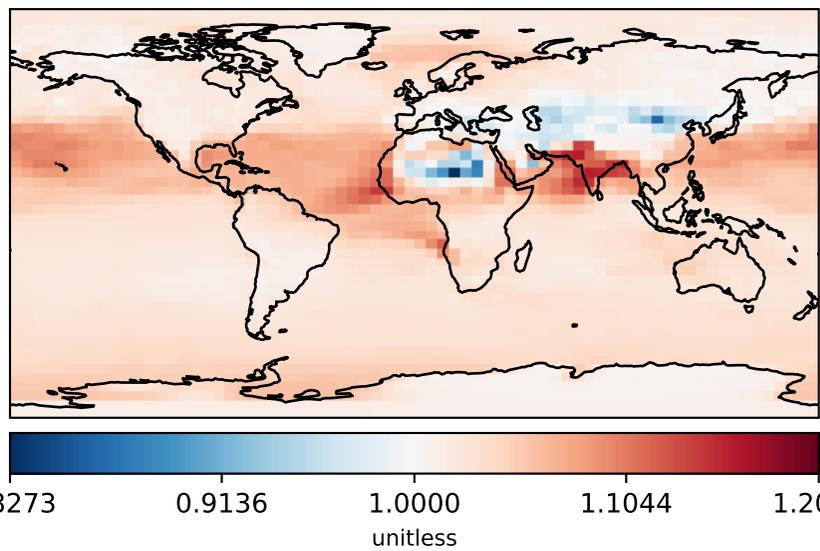gcc.14.7.0-rc.0 (Dev)
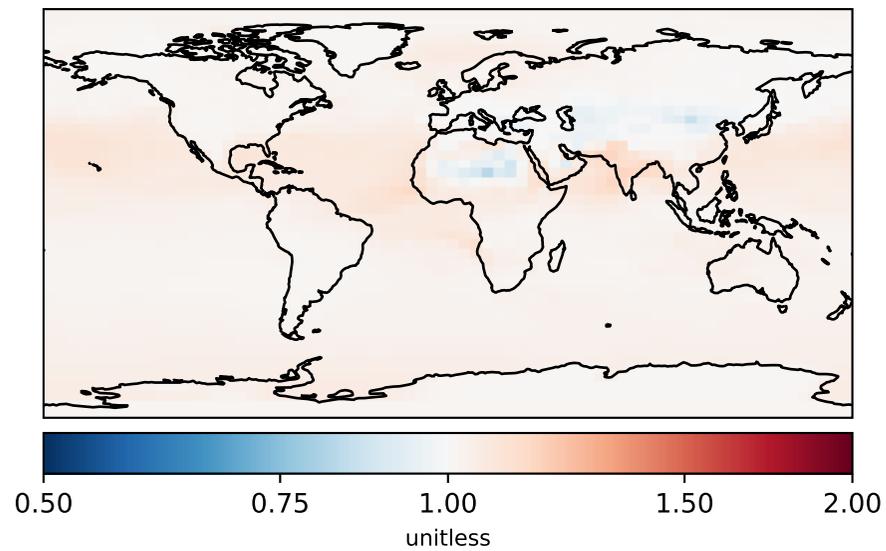4.0x5.0

Difference
Dev - Ref, Dynamic Range

Difference
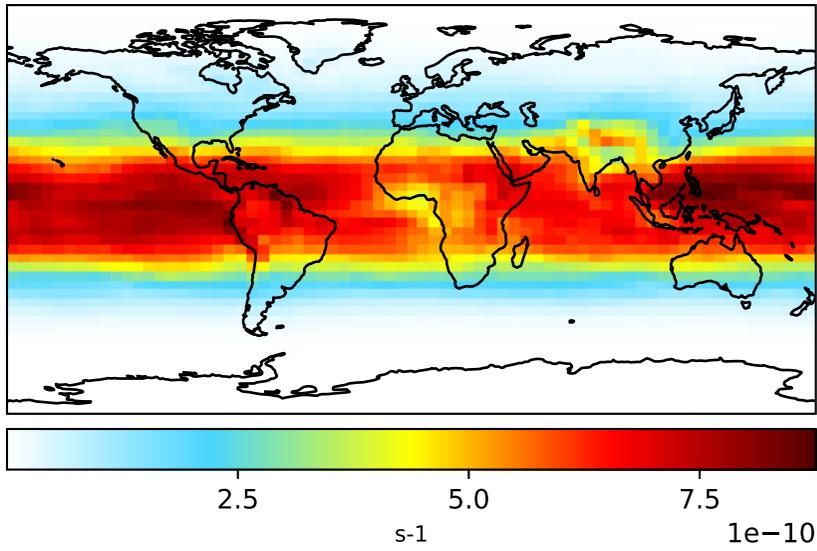Dev - Ref, Restricted Range [5%,95%]
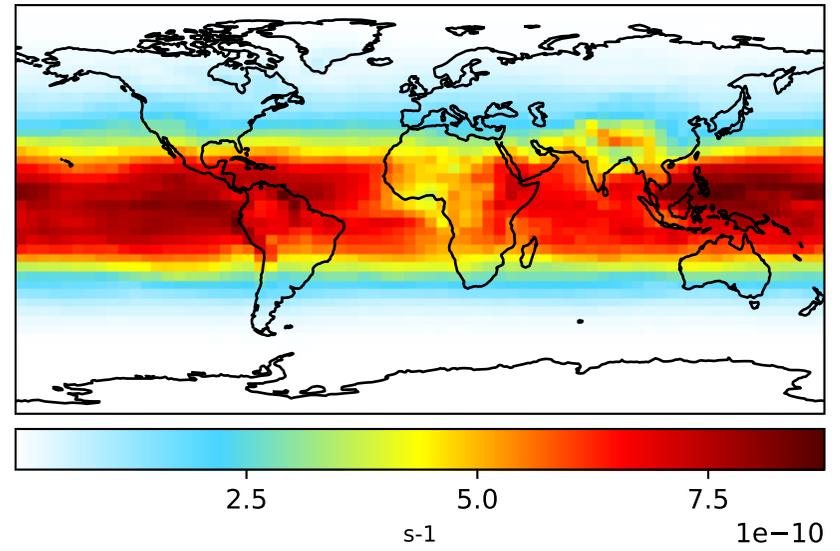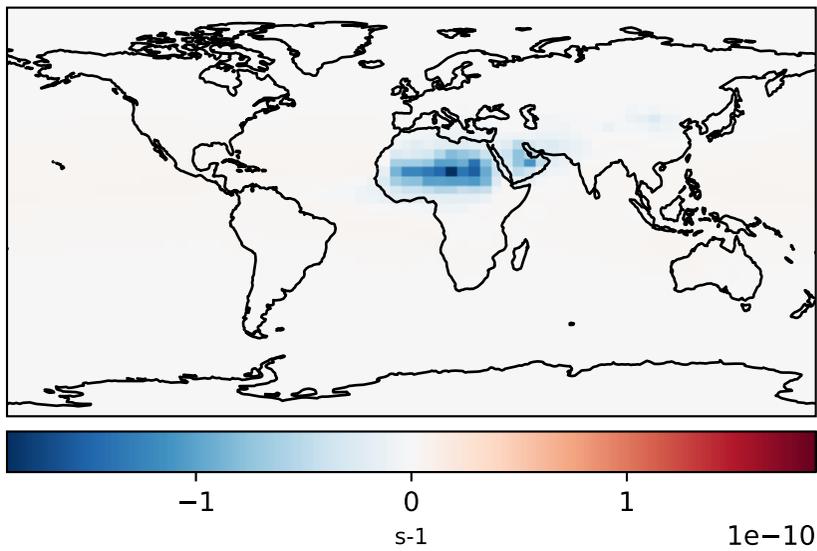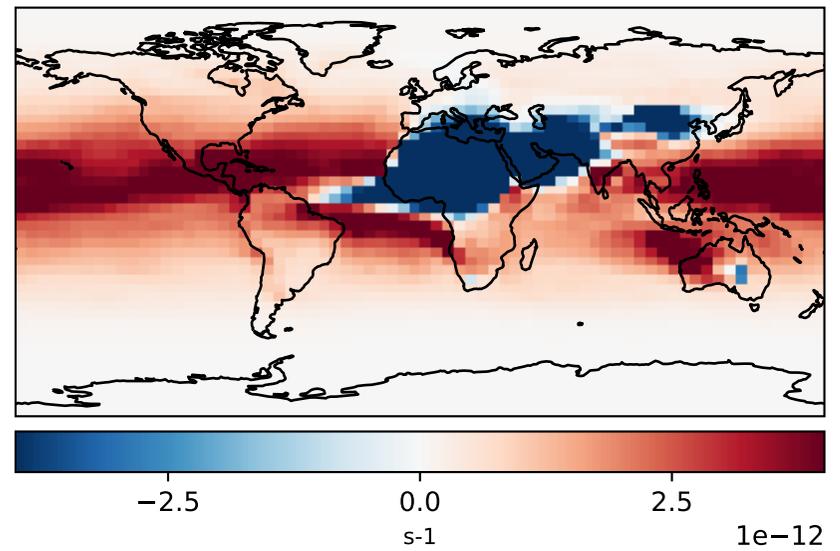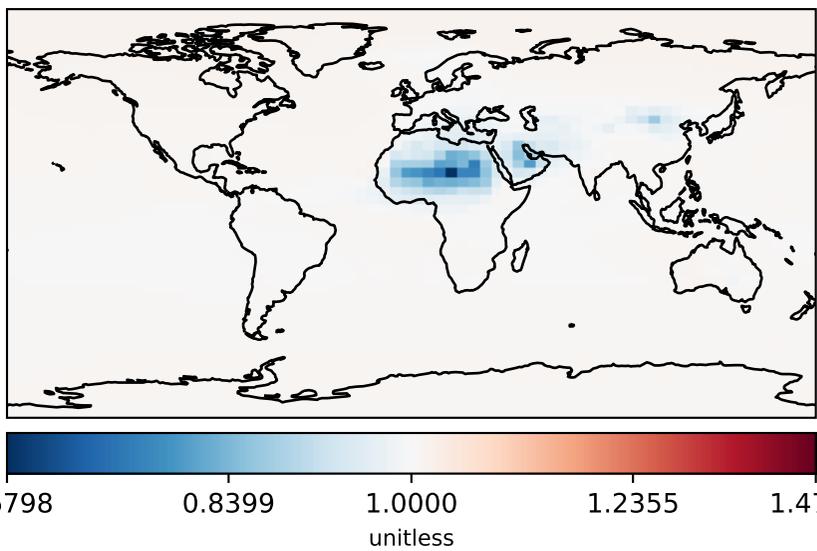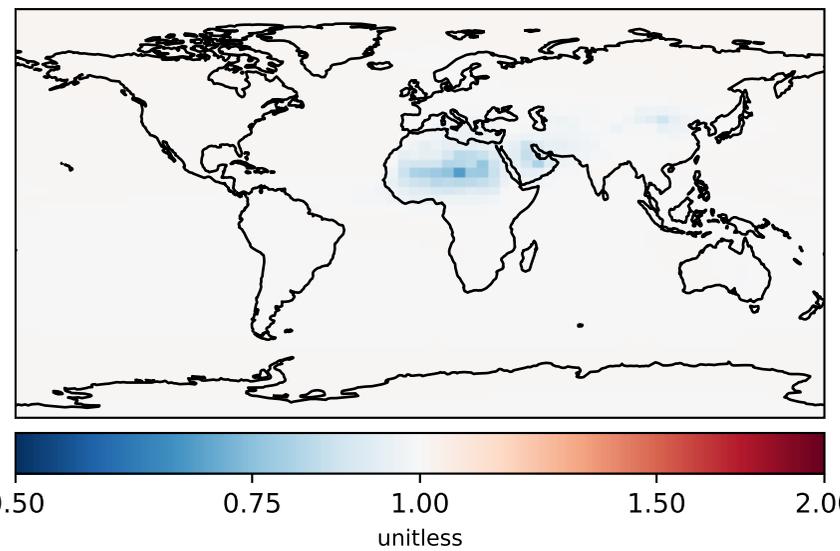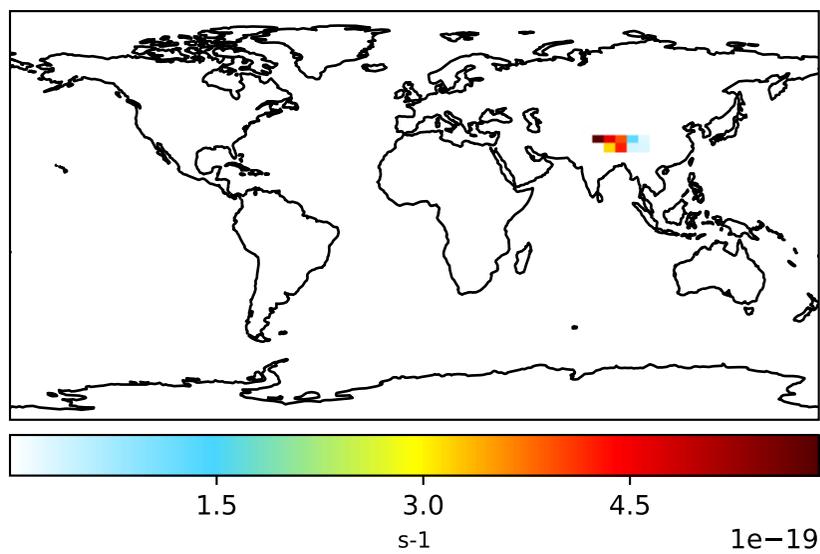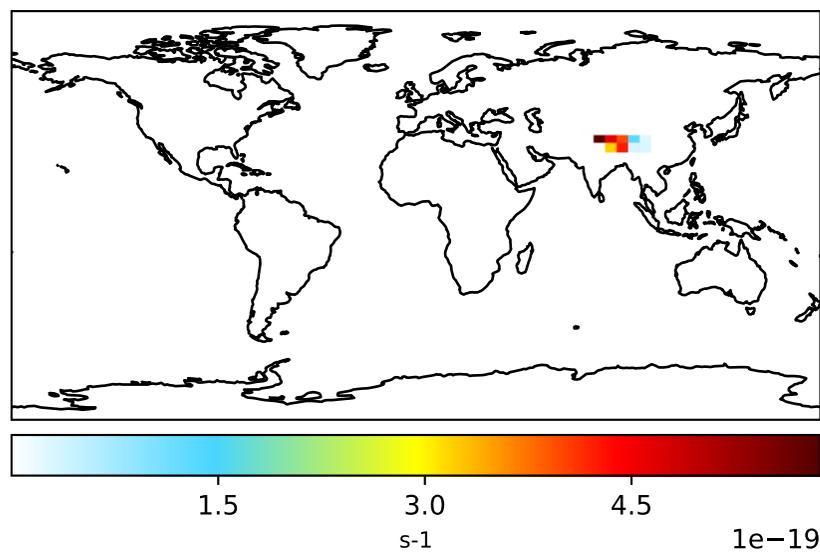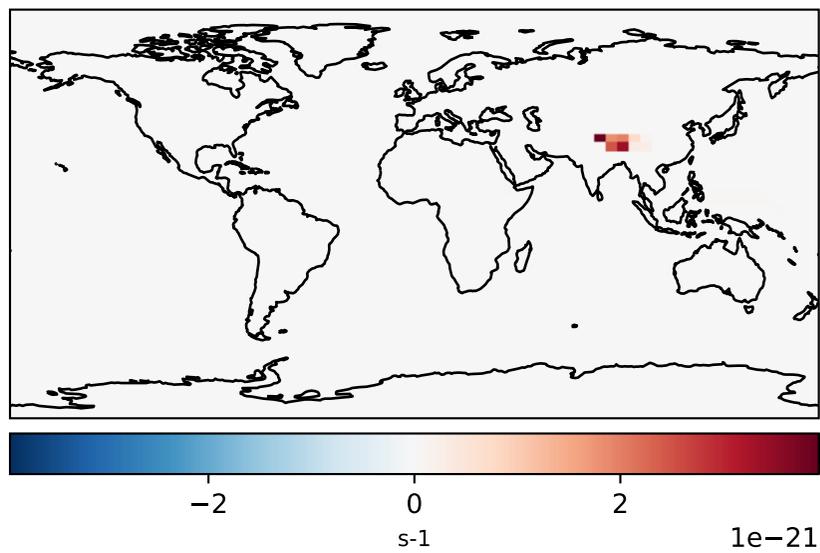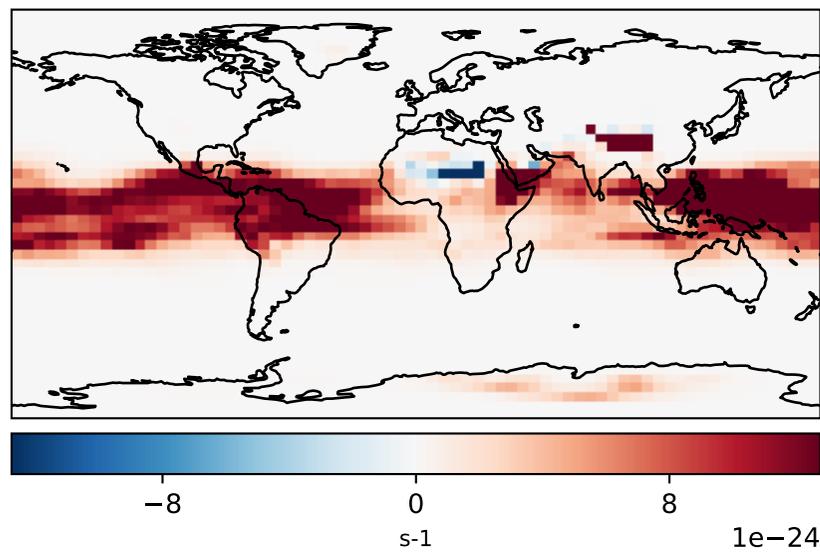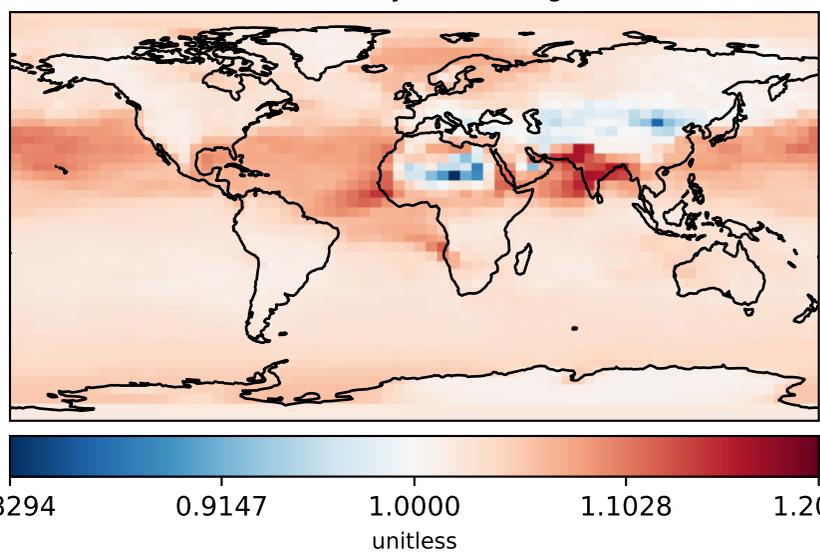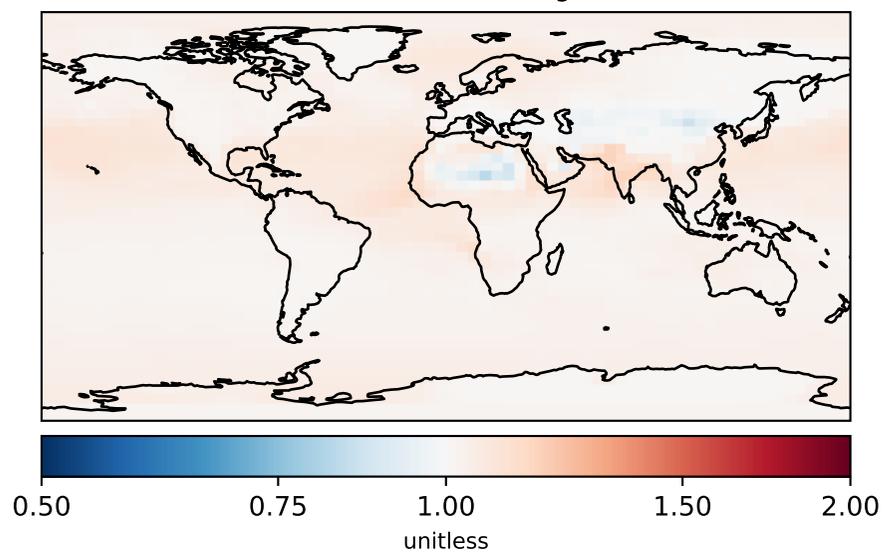
Ratio
Dev/Ref, Dynamic Range
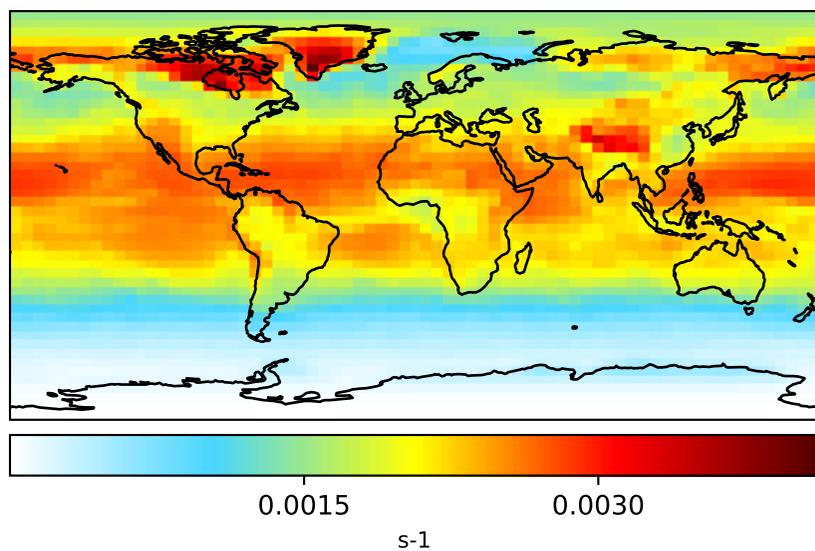
Ratio
Dev/Ref, Fixed Range

Jval_CFC115 (Apr2019)

Jval_CFC12 (Apr2019)

Jval_CH2Br2 (Apr2019)

Jval_CH2Cl2 (Apr2019)

Jval_CH2I2 (Apr2019)
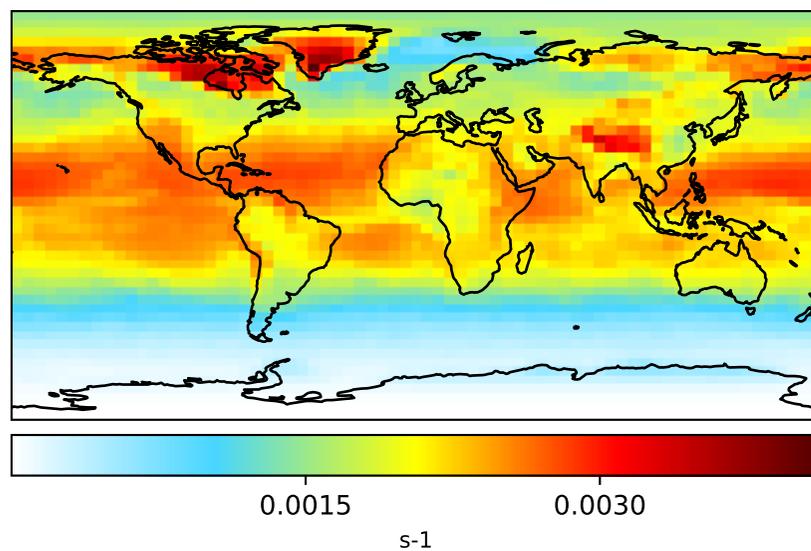
Jval_CH2IBr (Apr2019)

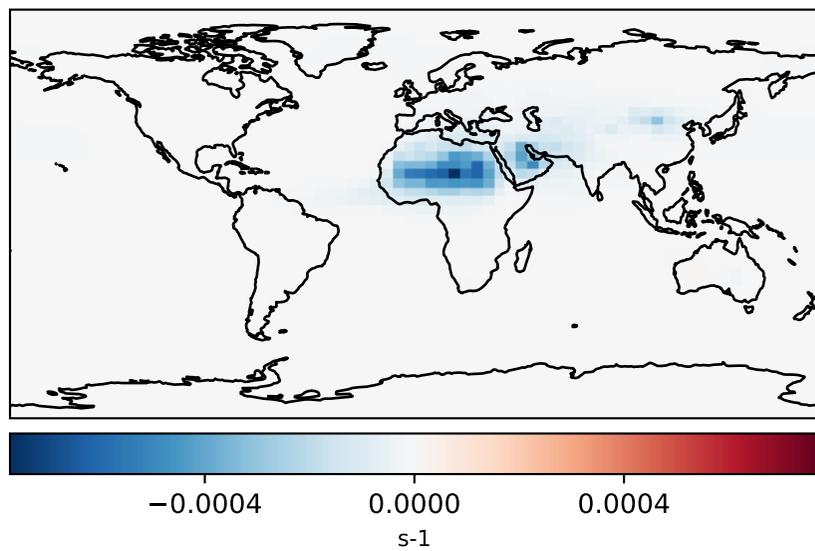# Jval_CH2ICl (Apr2019)

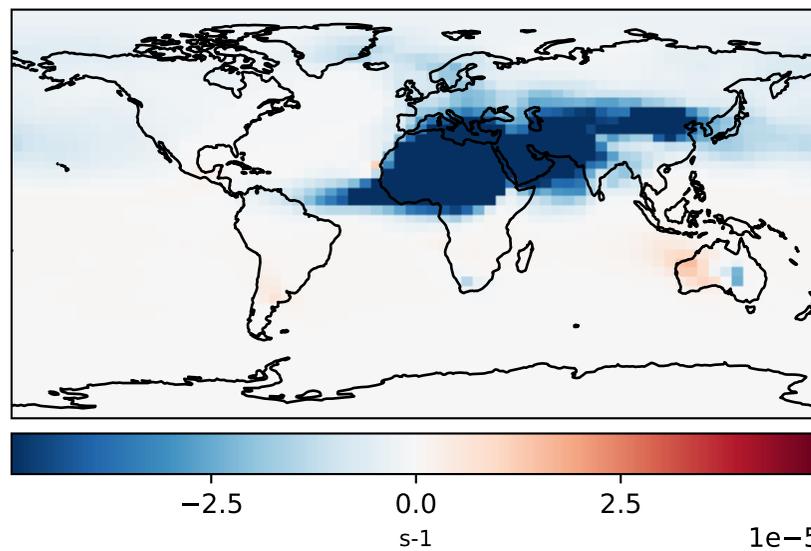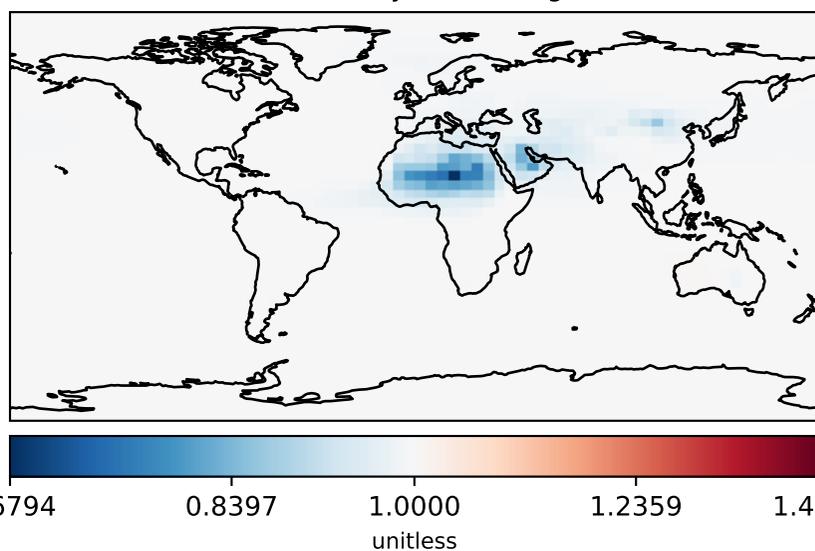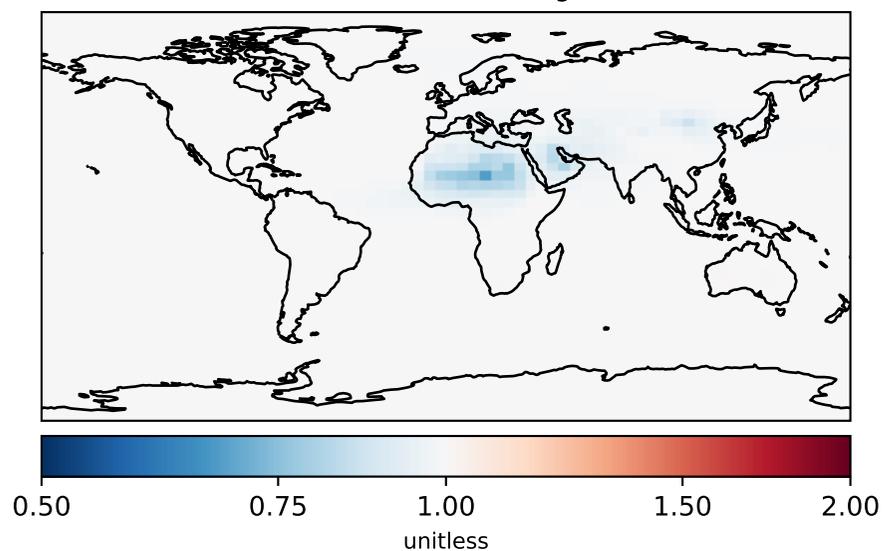# Jval_CH2O (Apr2019)

gcc.14.5.0-rc.0 (Ref)
4.0x5.0

gcc.14.7.0-rc.0 (Dev)
4.0x5.0

Difference
Dev - Ref, Dynamic Range

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

Ratio
Dev/Ref, Dynamic Range

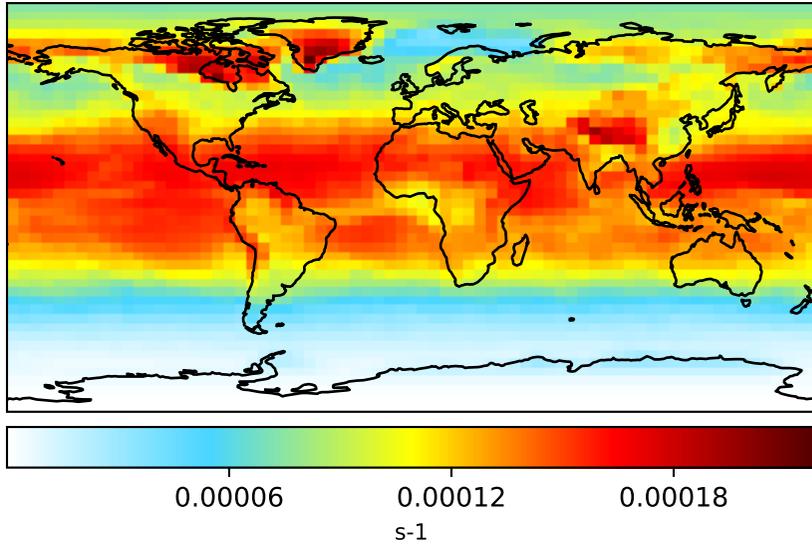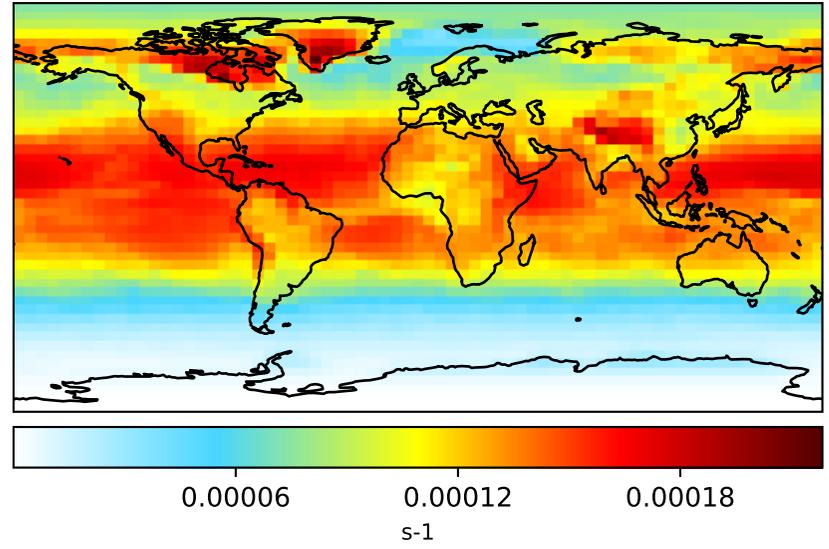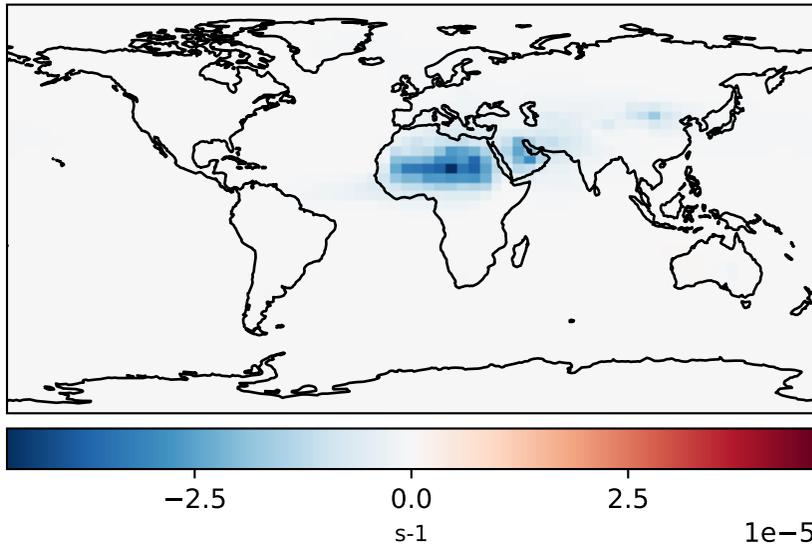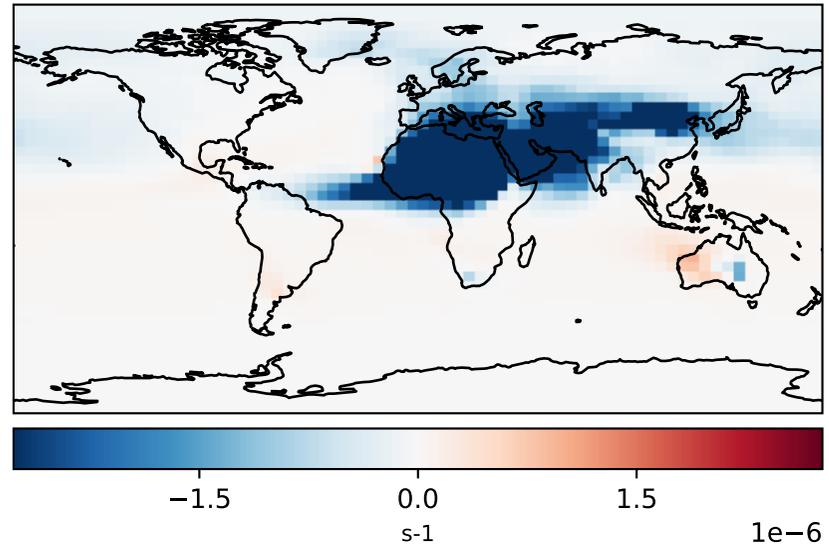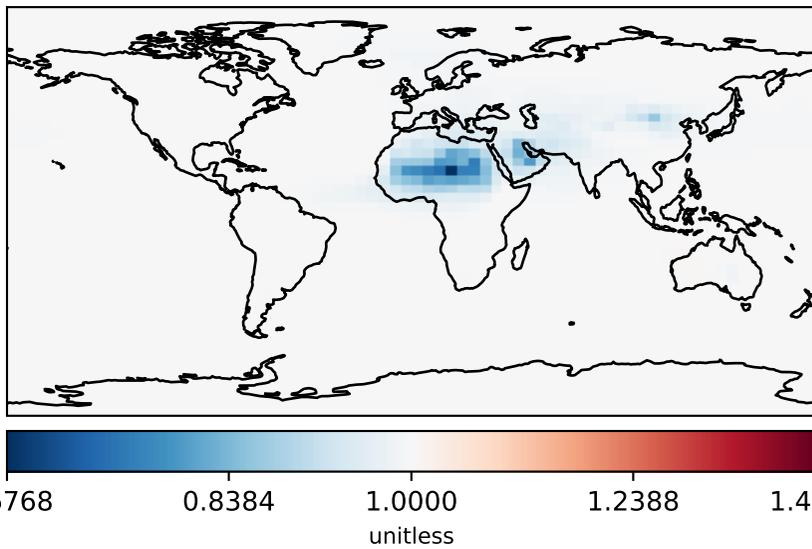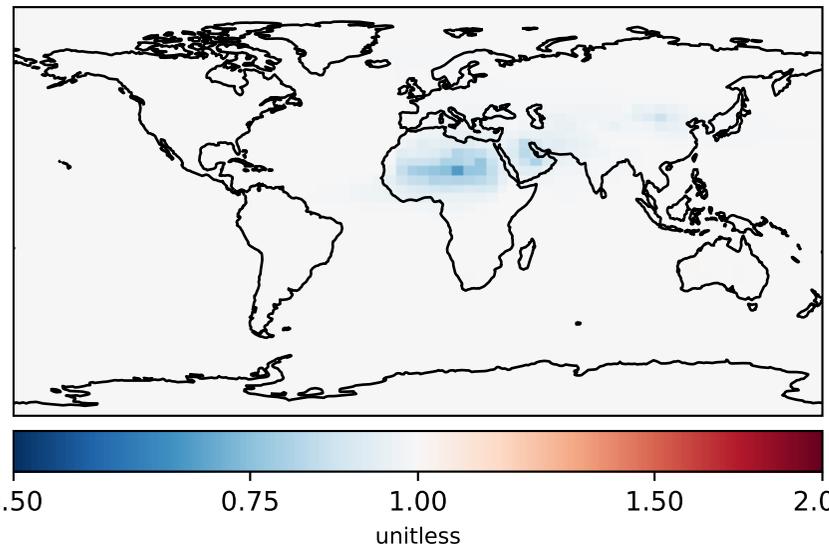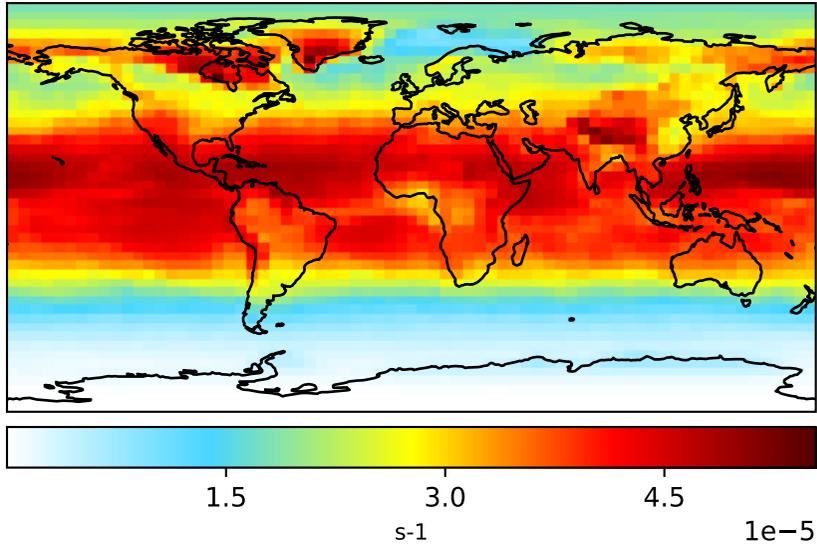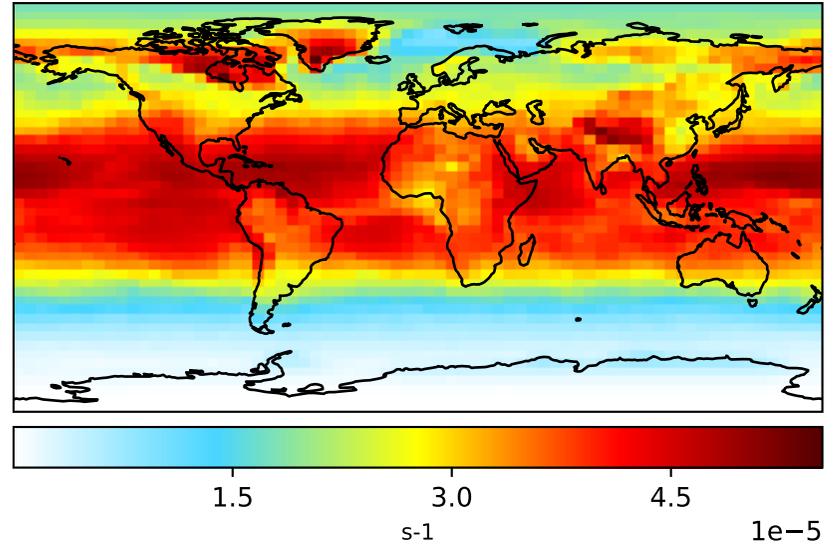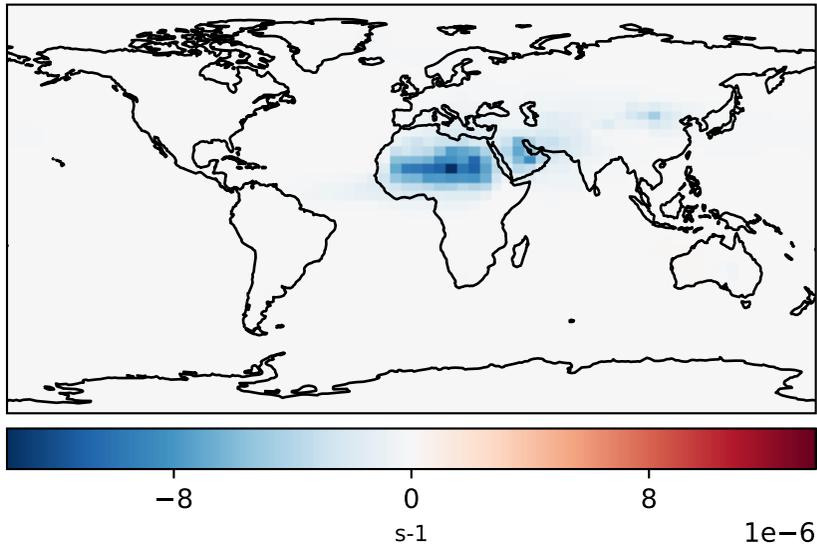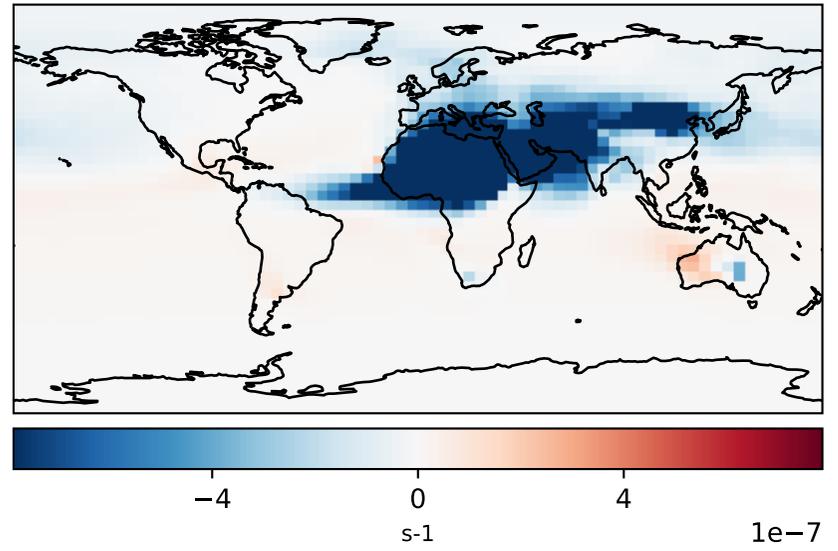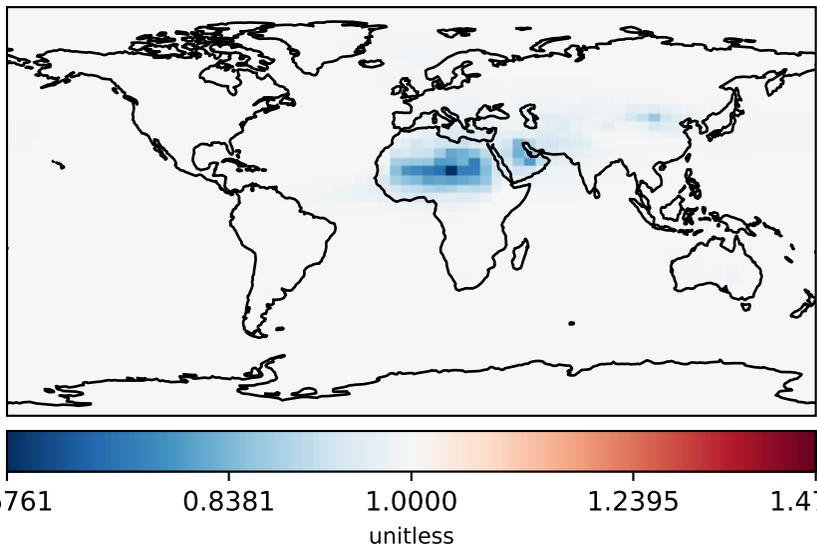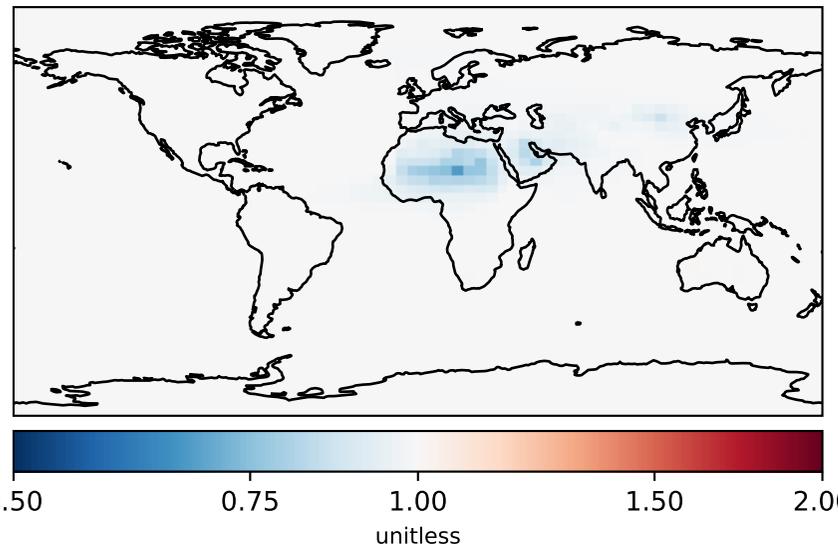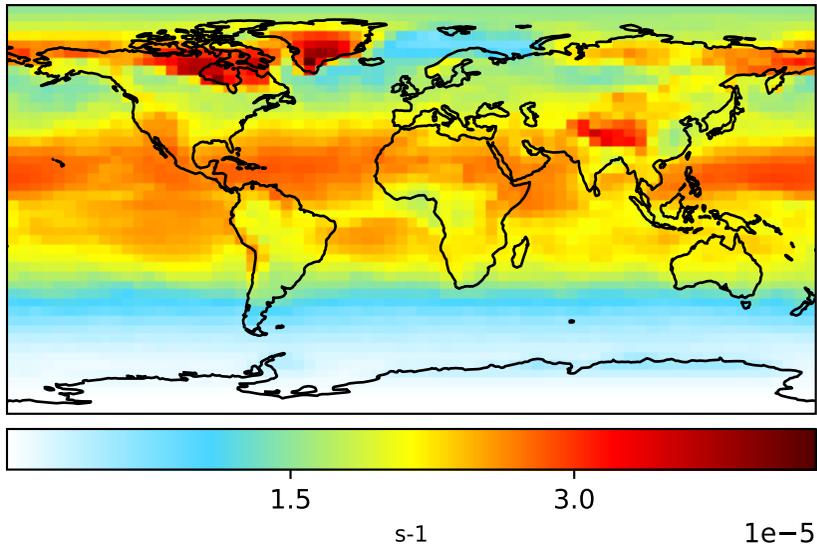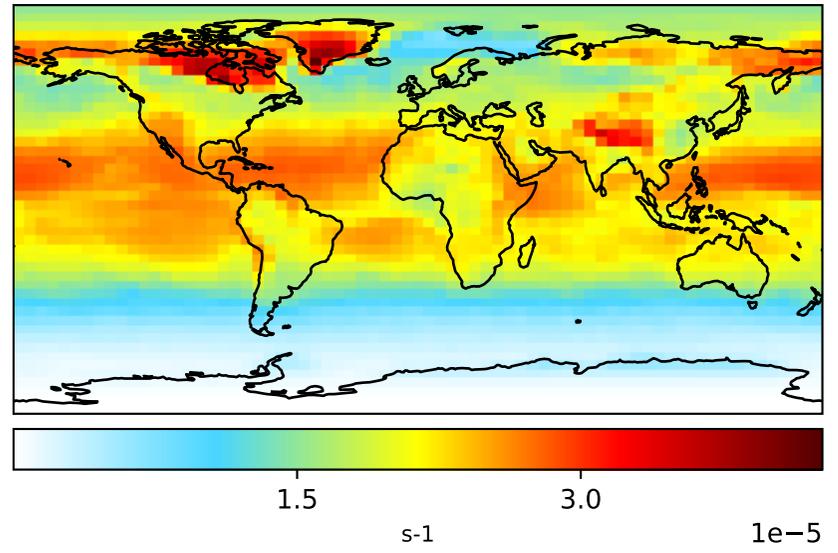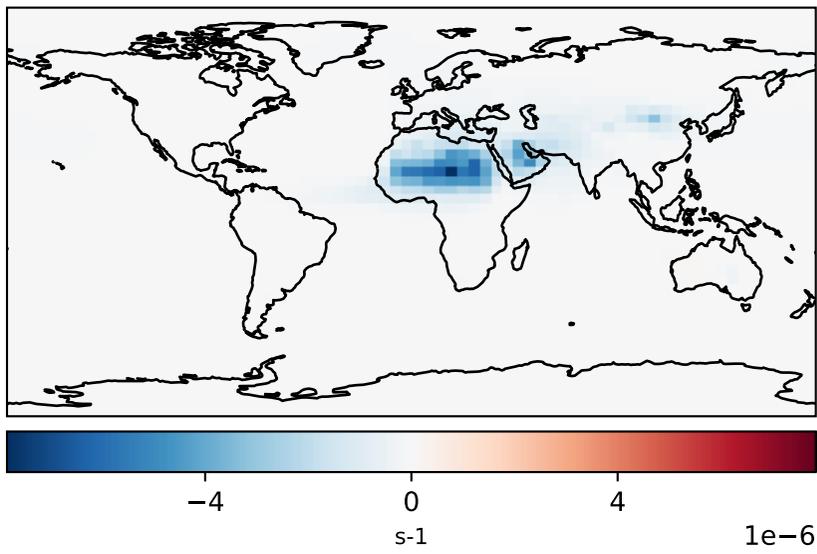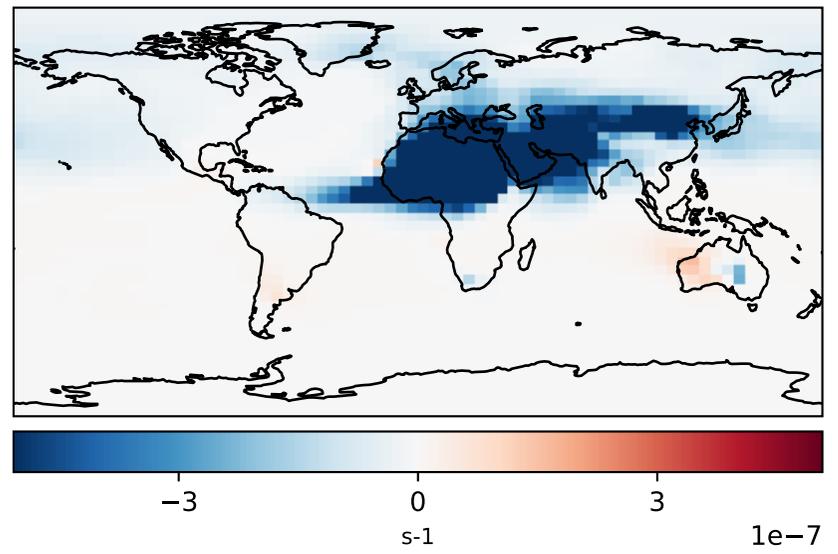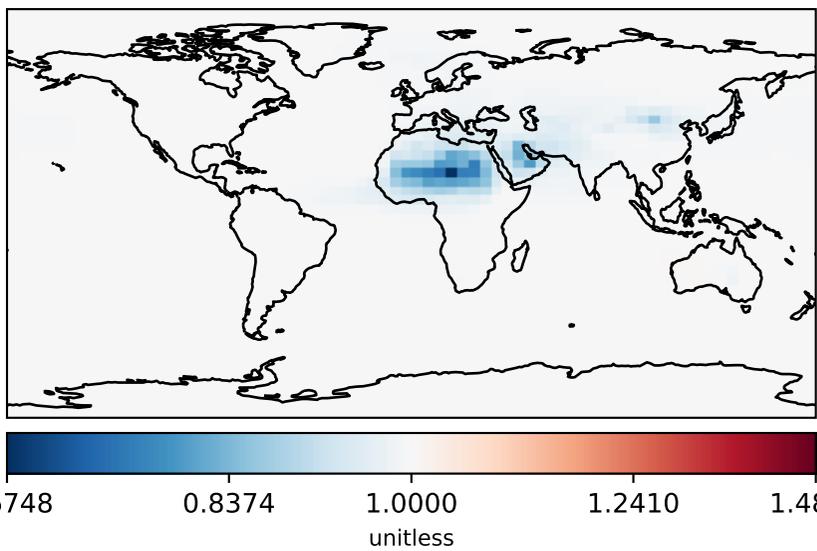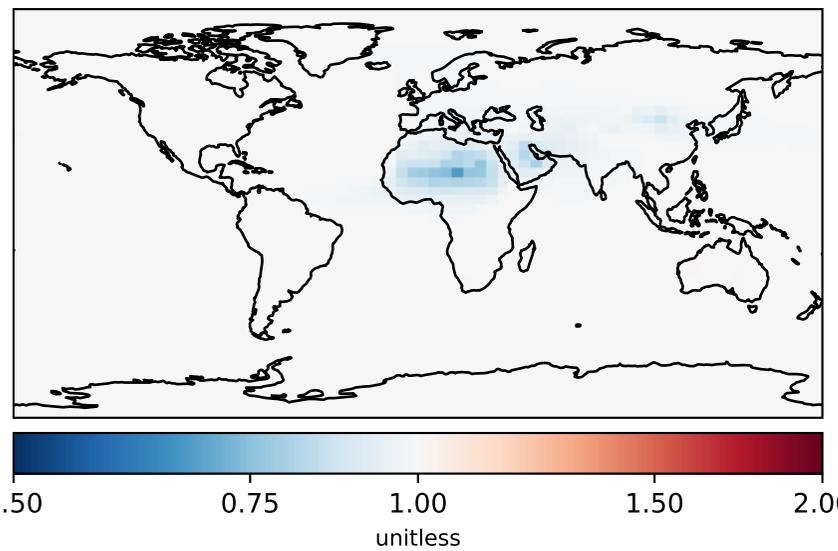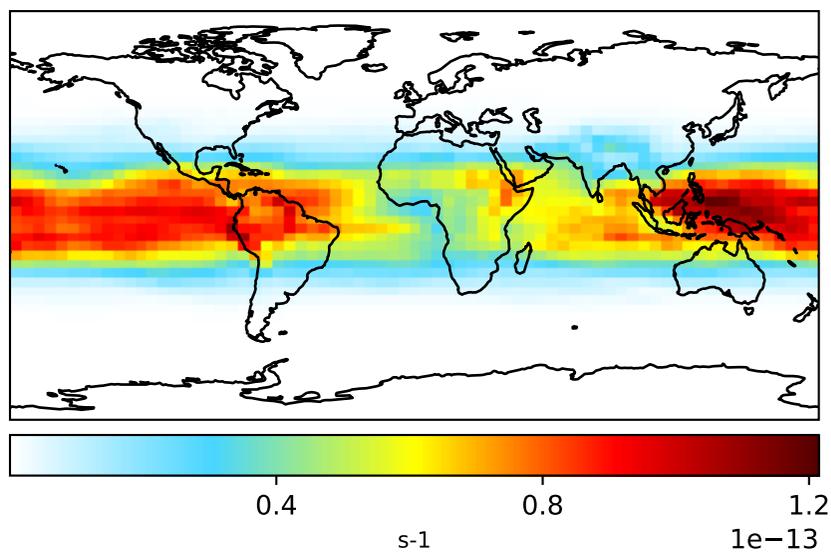Ratio
Dev/Ref, Fixed Range

Jval_CH3Br (Apr2019)
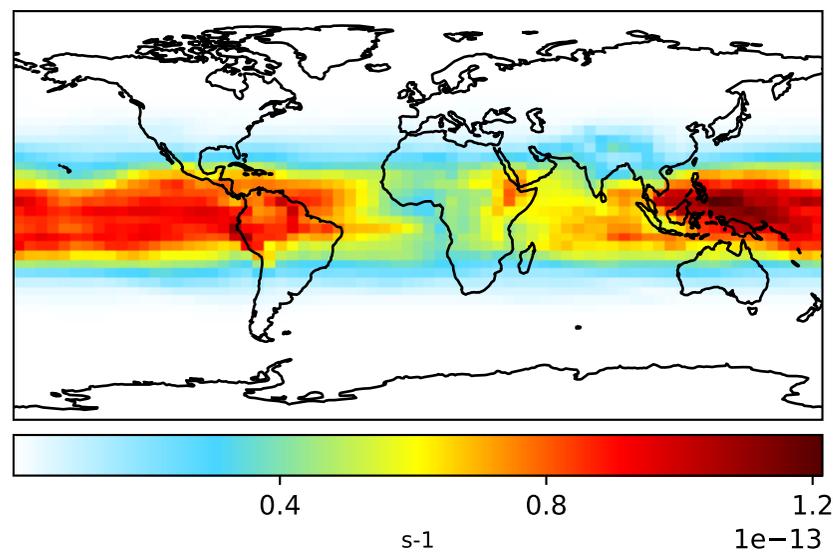
Jval_CH3CCl3 (Apr2019)

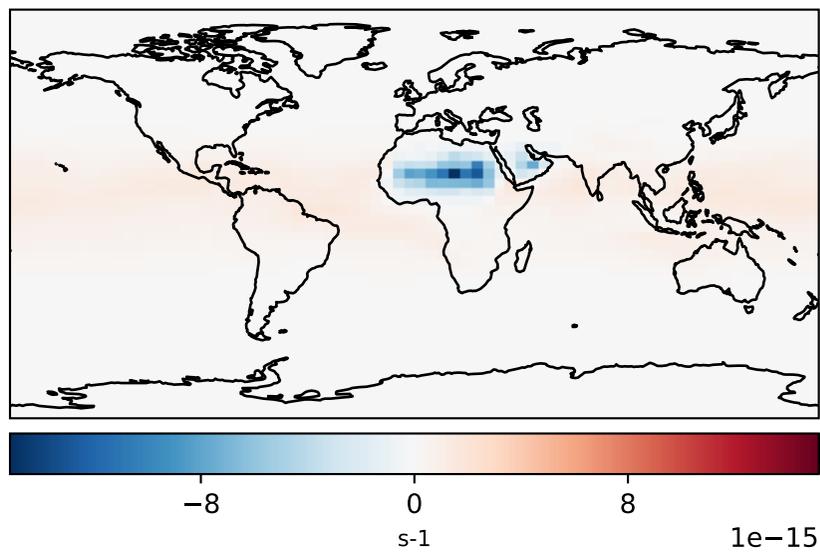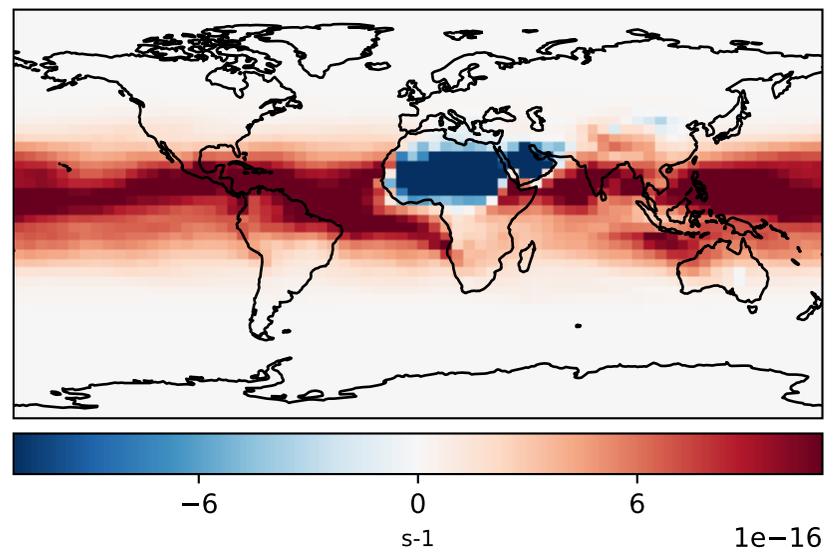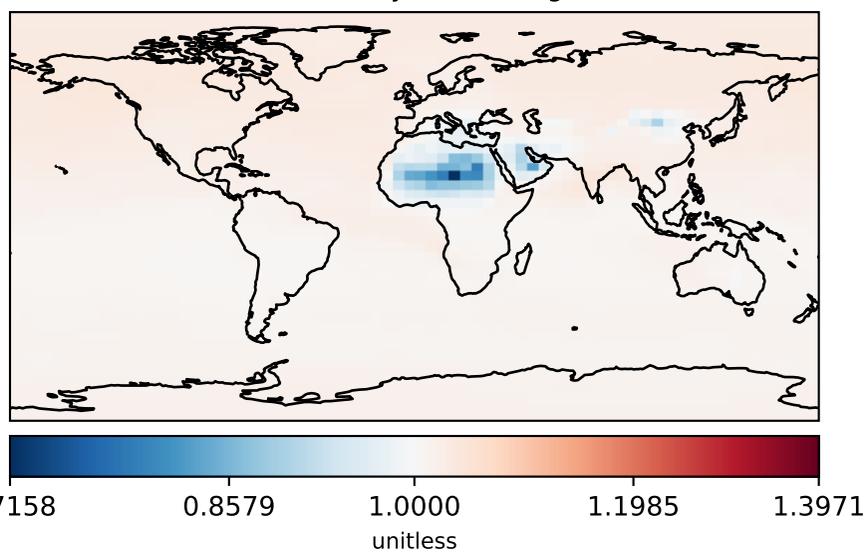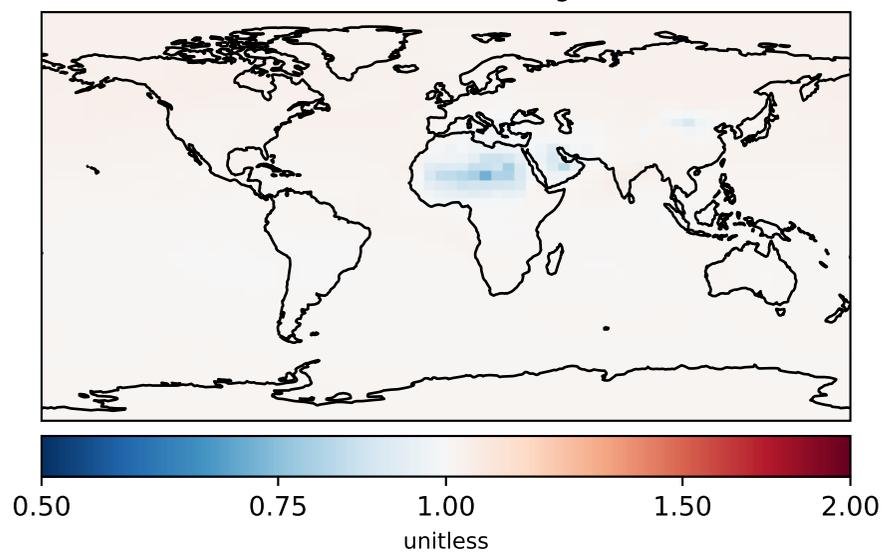# Jval_CH3Cl (Apr2019)

Jval_CH3I (Apr2019)

gcc.14.5.0-rc.0 (Ref)
4.0x5.0

gcc.14.7.0-rc.0 (Dev)
4.0x5.0

Difference
Dev - Ref, Dynamic Range

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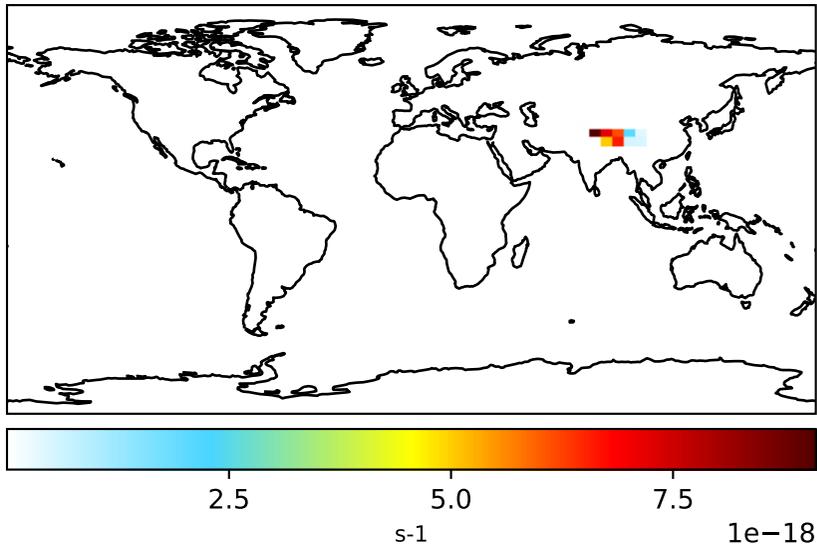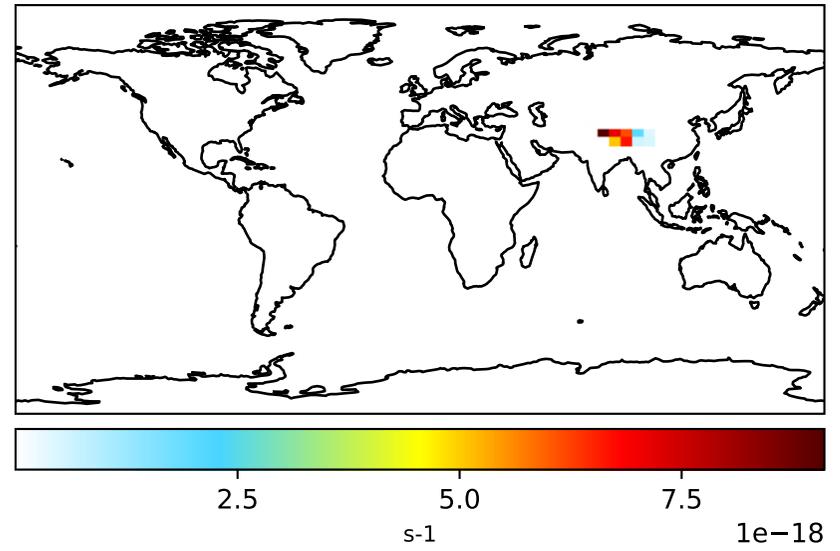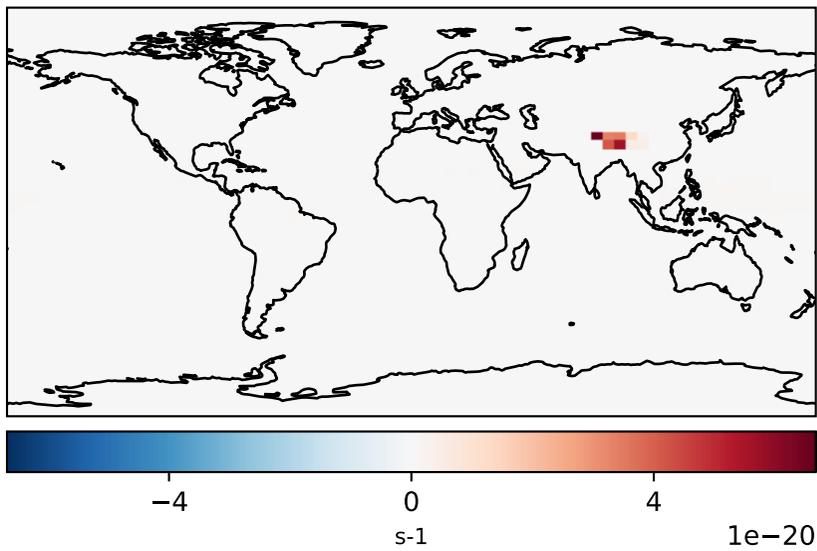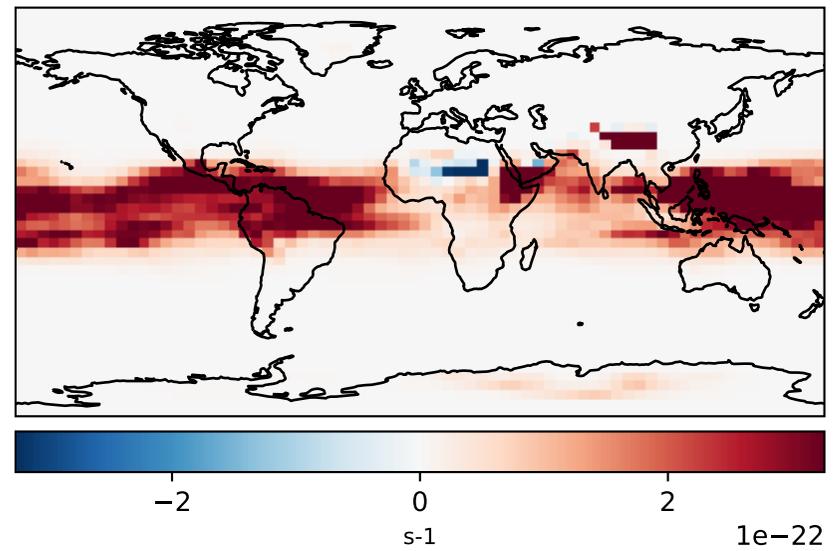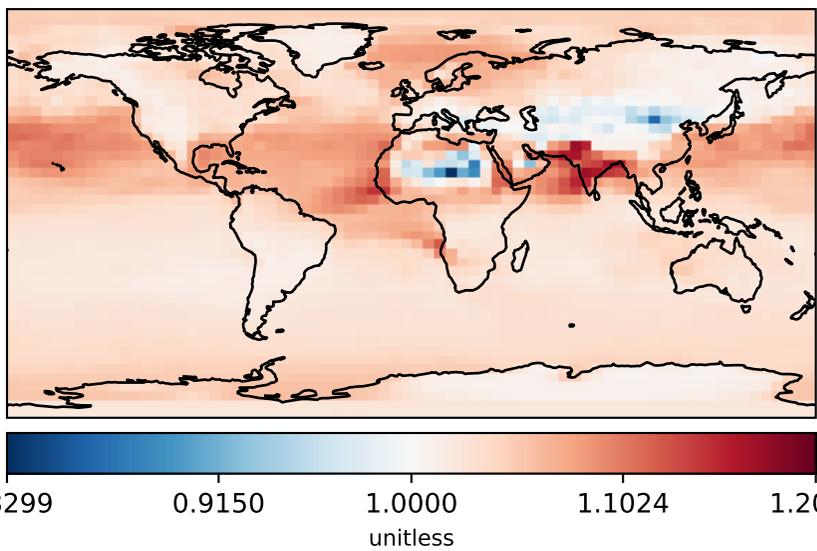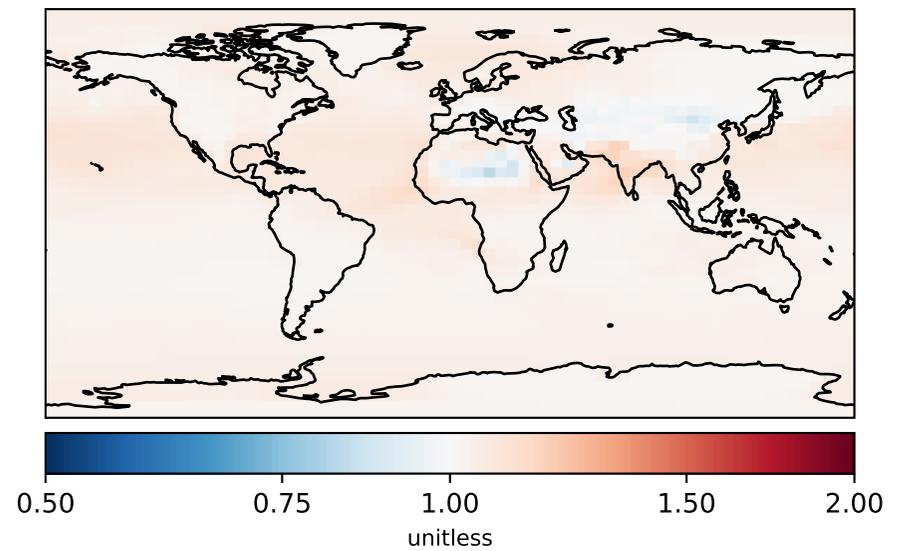Dev - Ref, Restricted Range [5%,95%]

Ratio
Dev/Ref, Dynamic Range

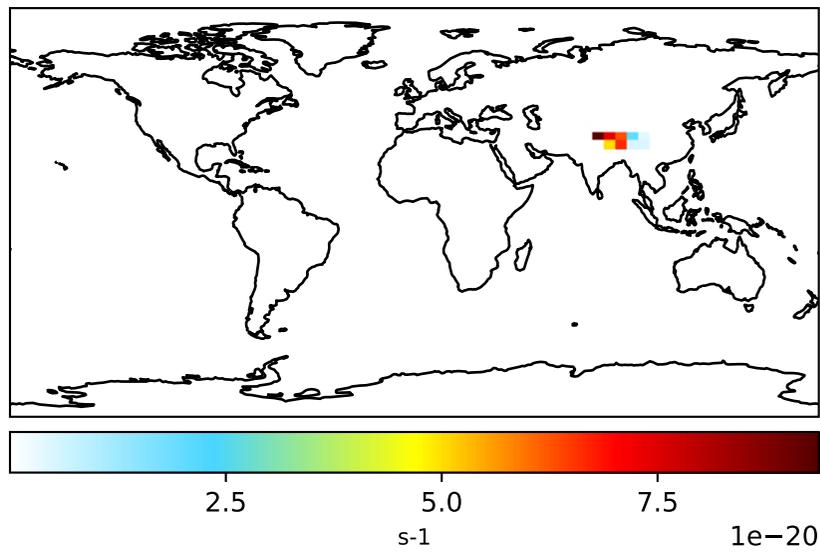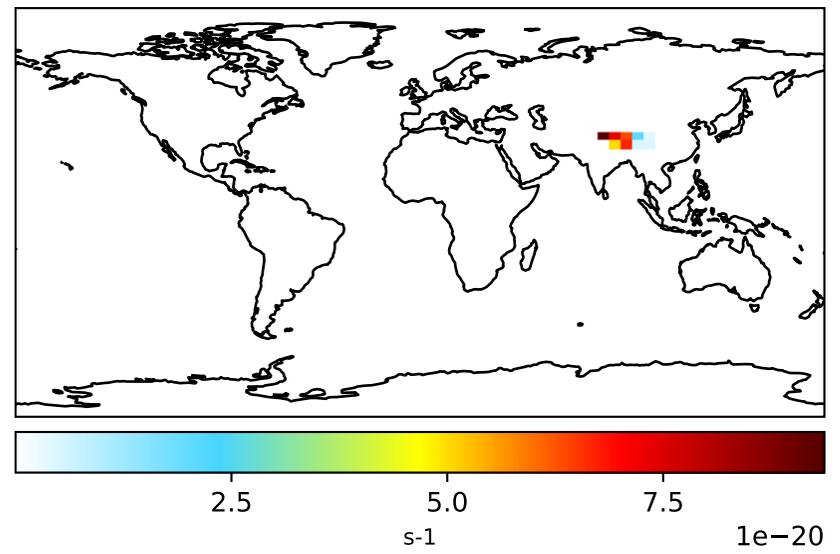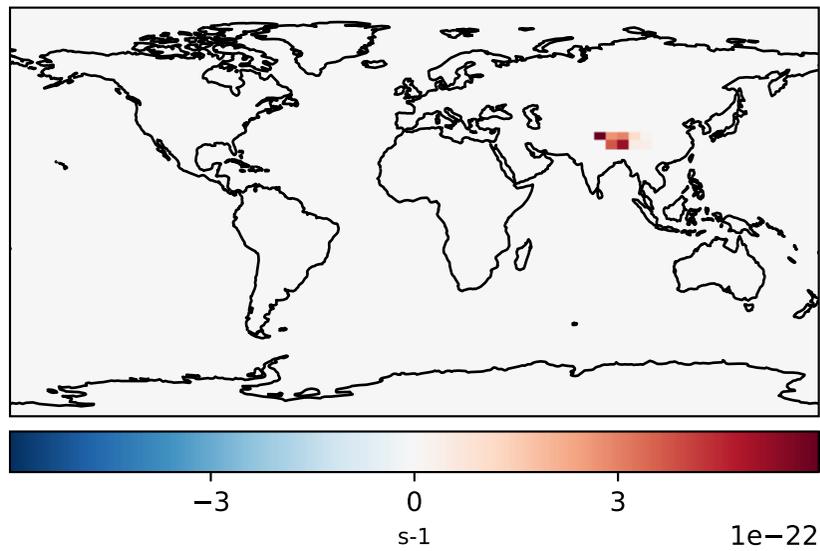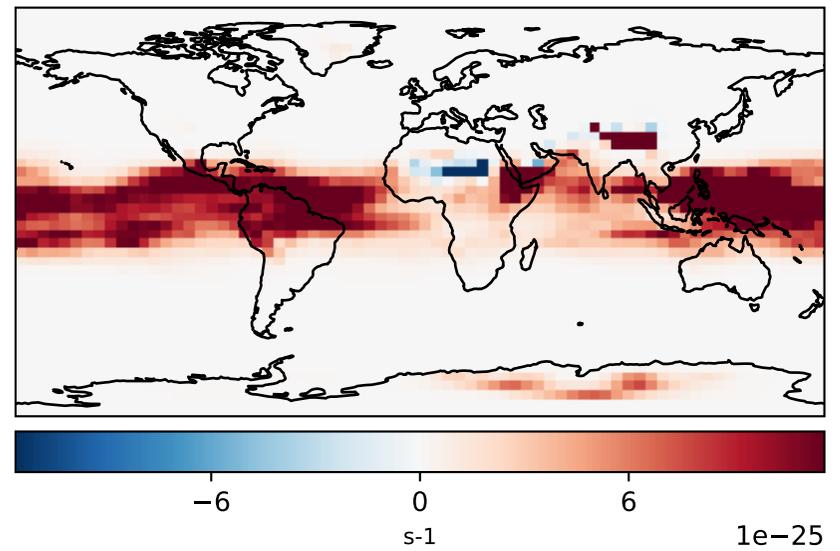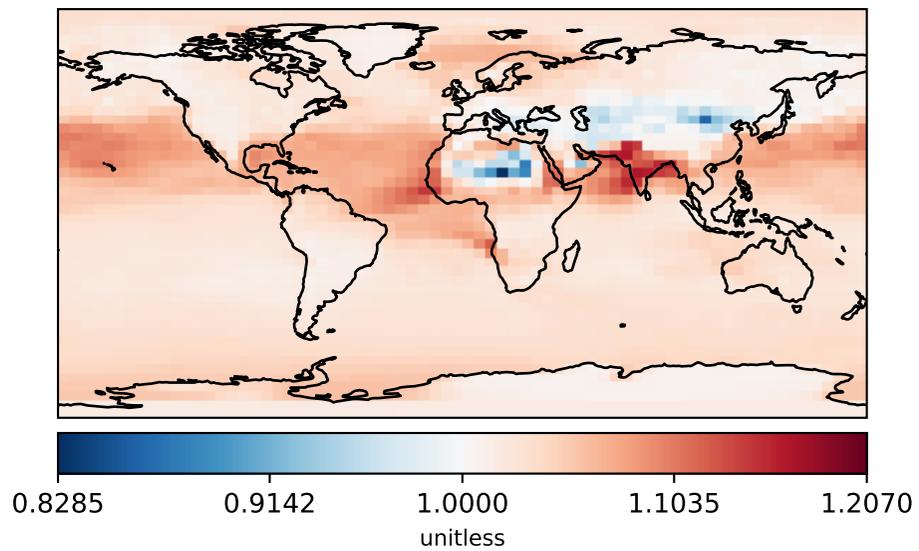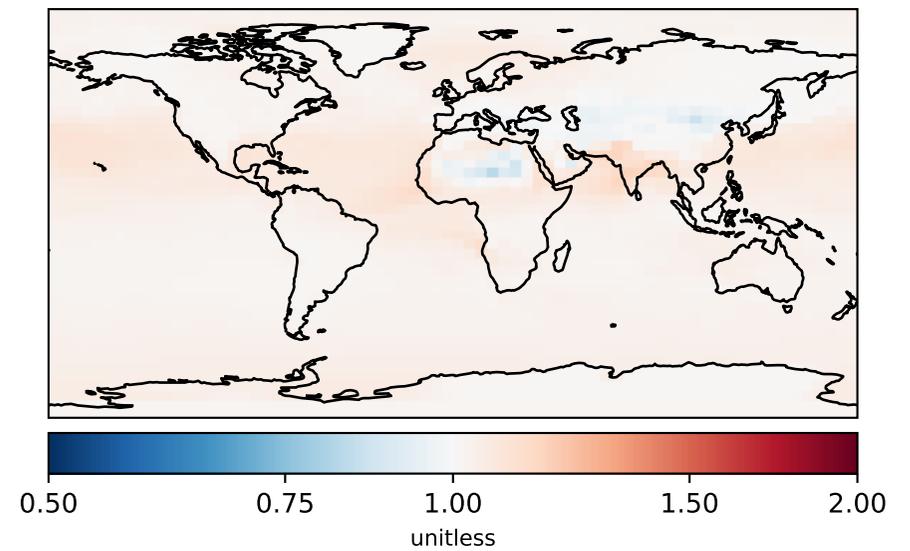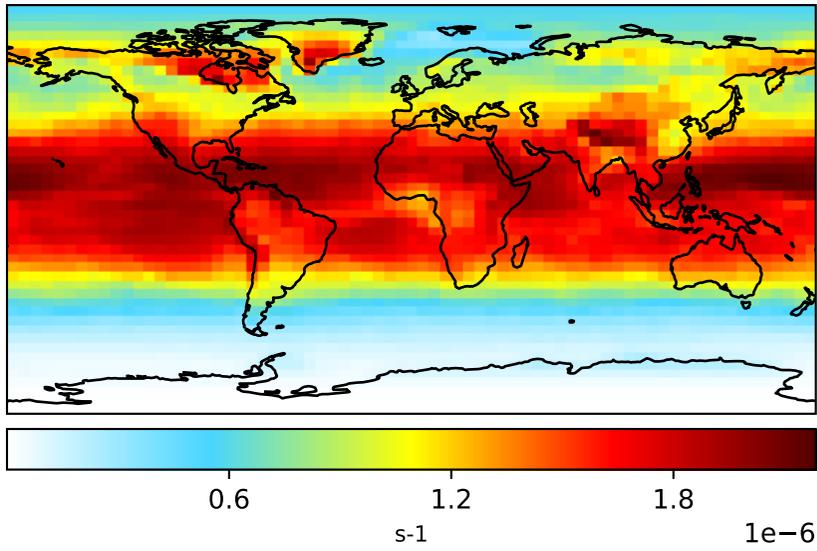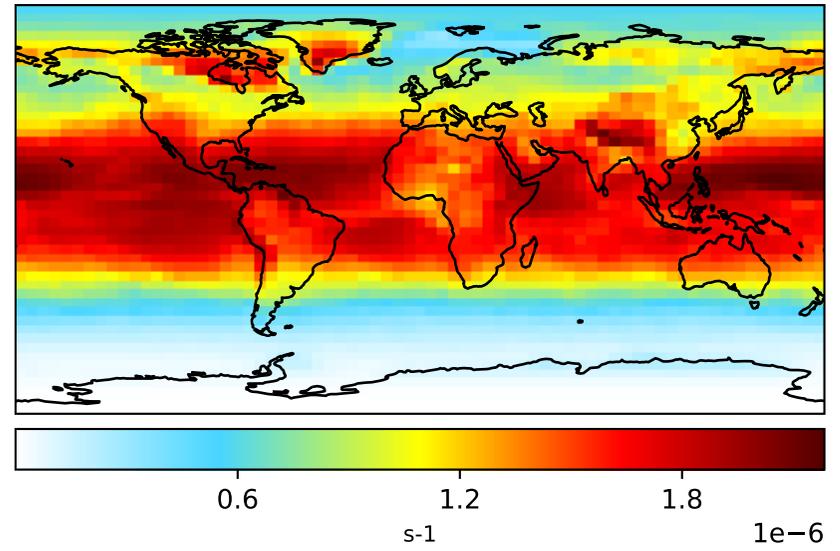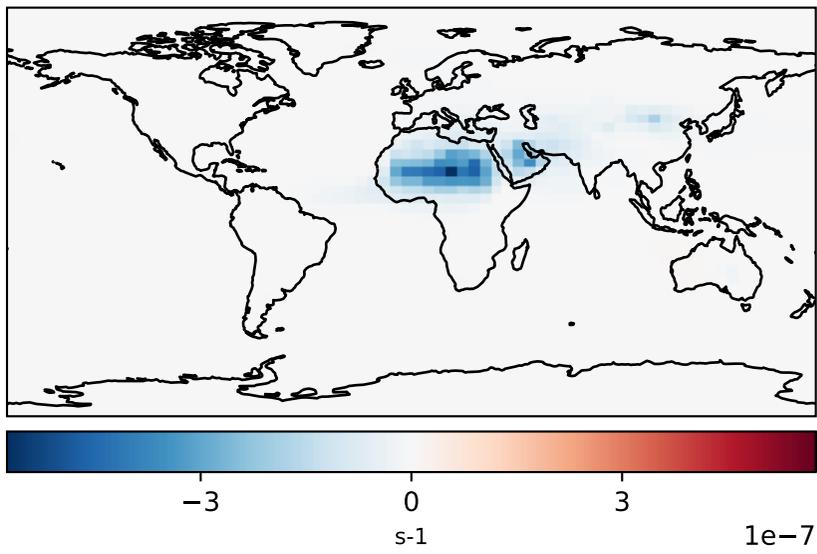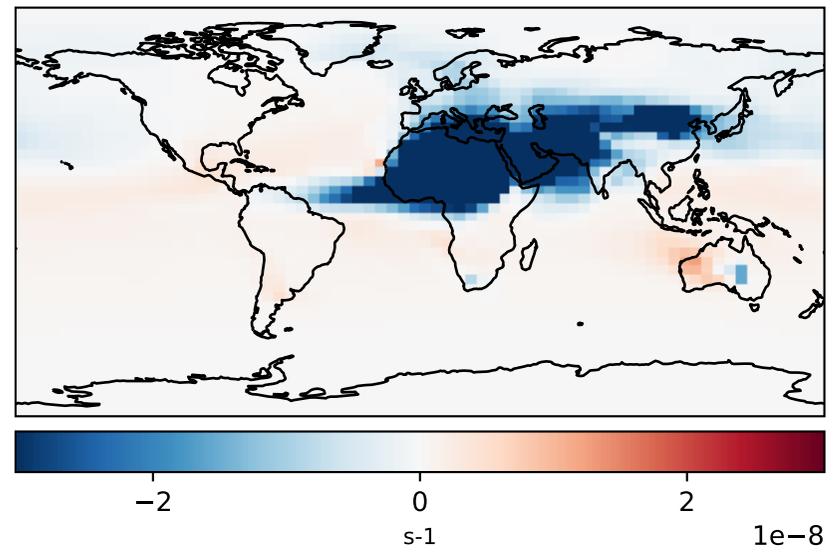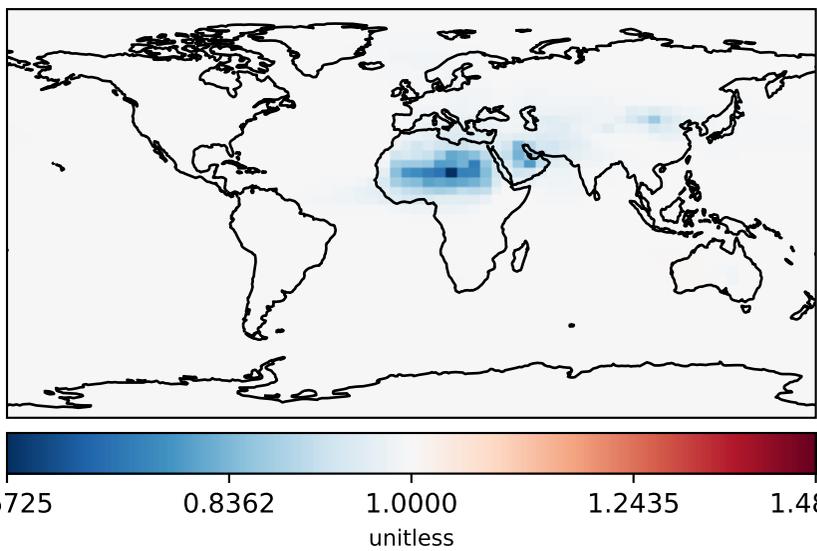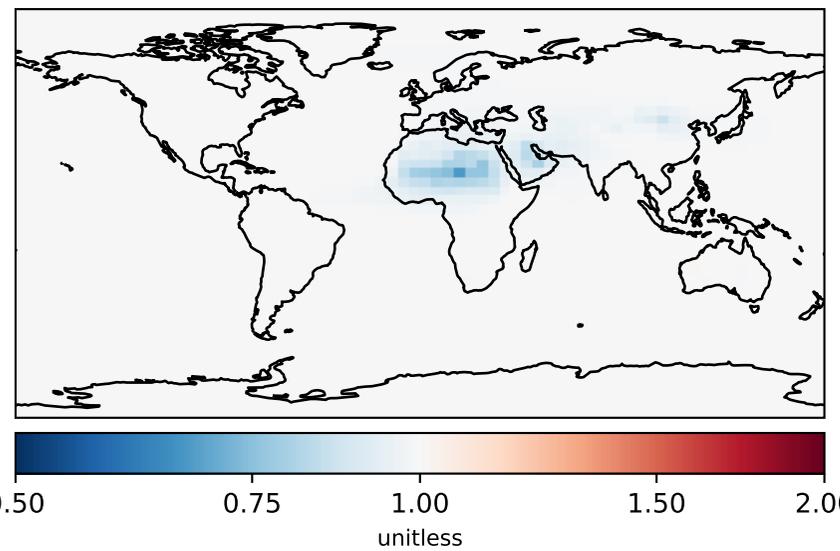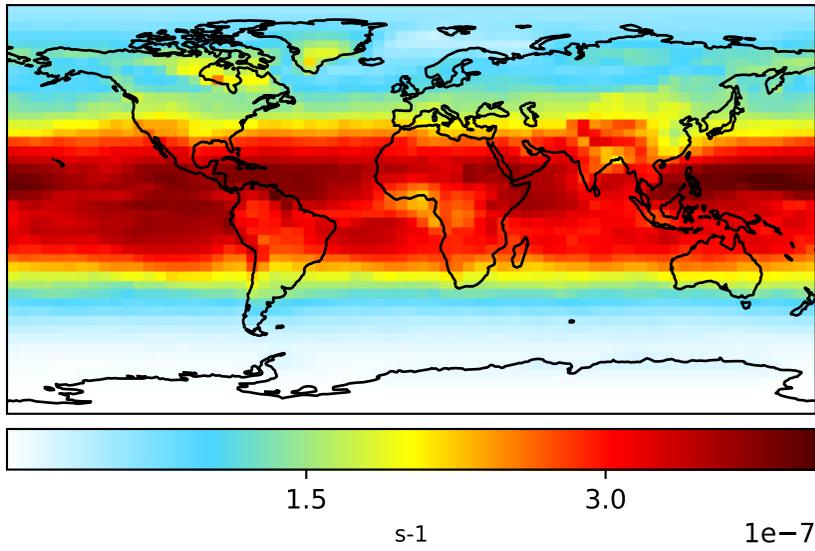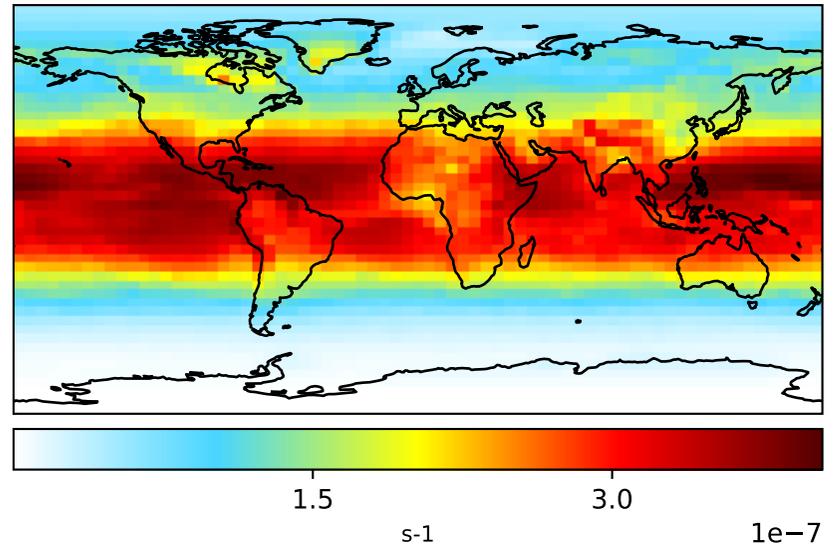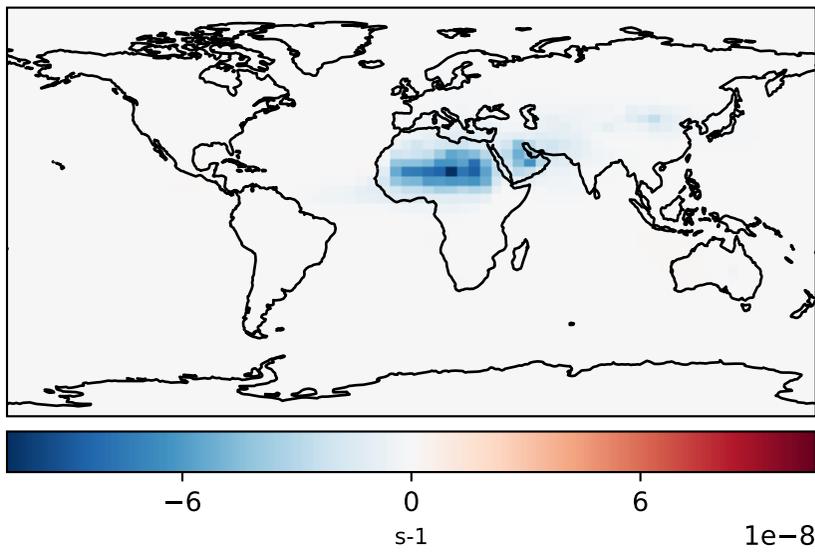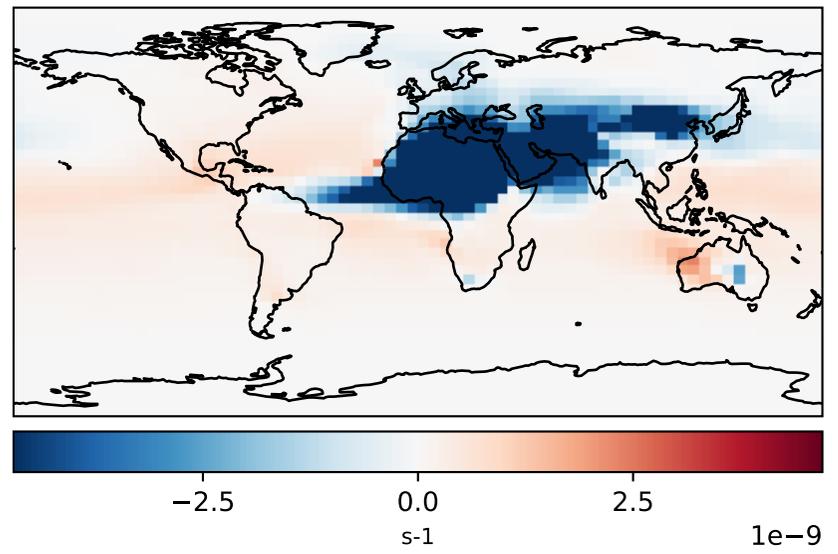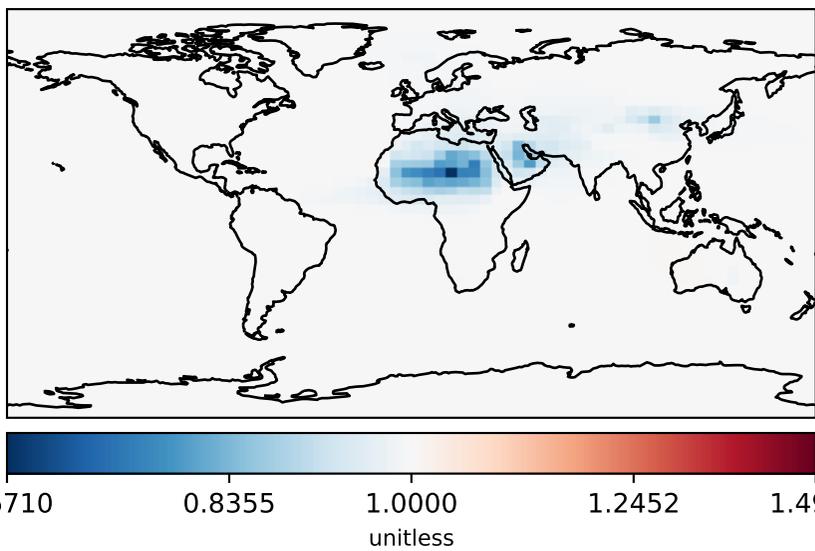Ratio
Dev/Ref, Fixed Range

Jval_CHBr3 (Apr2019)

Jval_Cl2 (Apr2019)

Jval_Cl2O2 (Apr2019)

Jval_ClNO2 (Apr2019)

Jval_ClNO3 (Apr2019)

Jval_ClO (Apr2019)

Jval_ClOO (Apr2019)

Jval_ETHLN (Apr2019)

gcc.14.5.0-rc.0 (Ref)
4.0x5.0

gcc.14.7.0-rc.0 (Dev)
4.0x5.0

Difference
Dev - Ref, Dynamic Range

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

Ratio
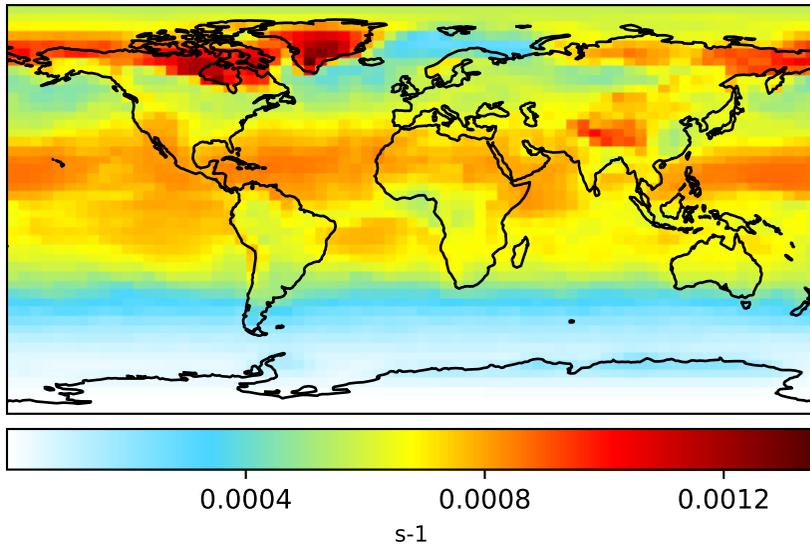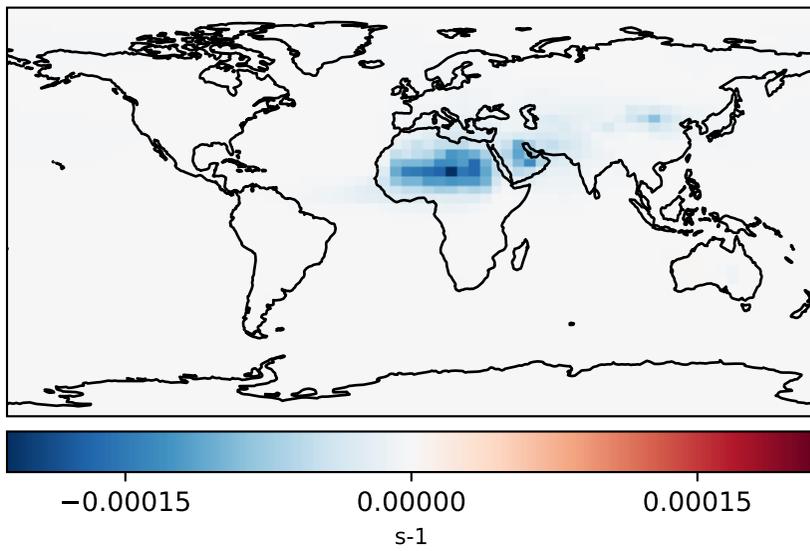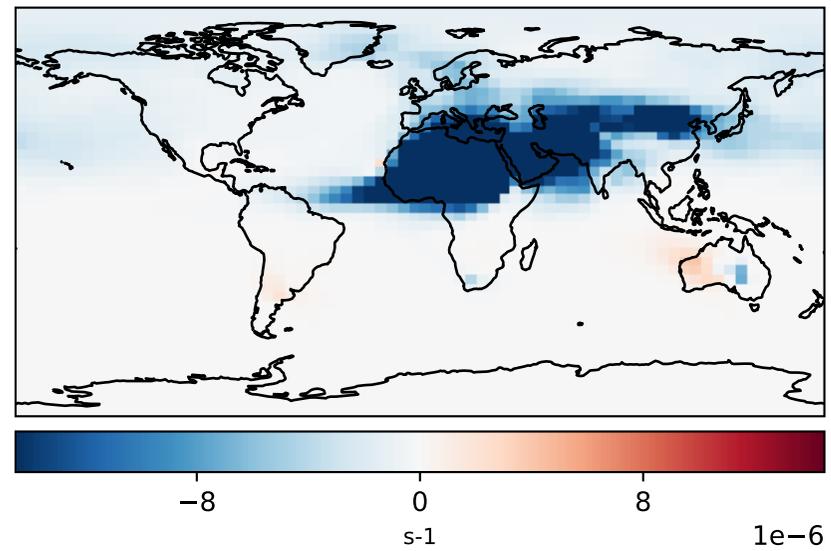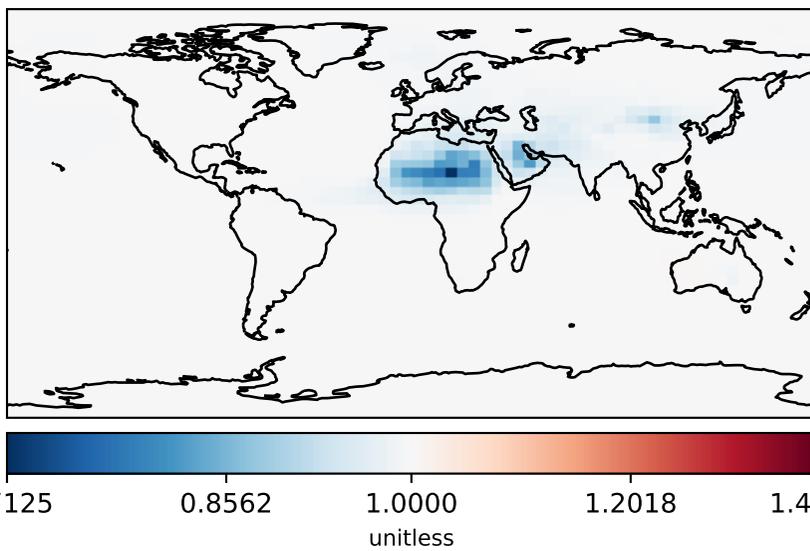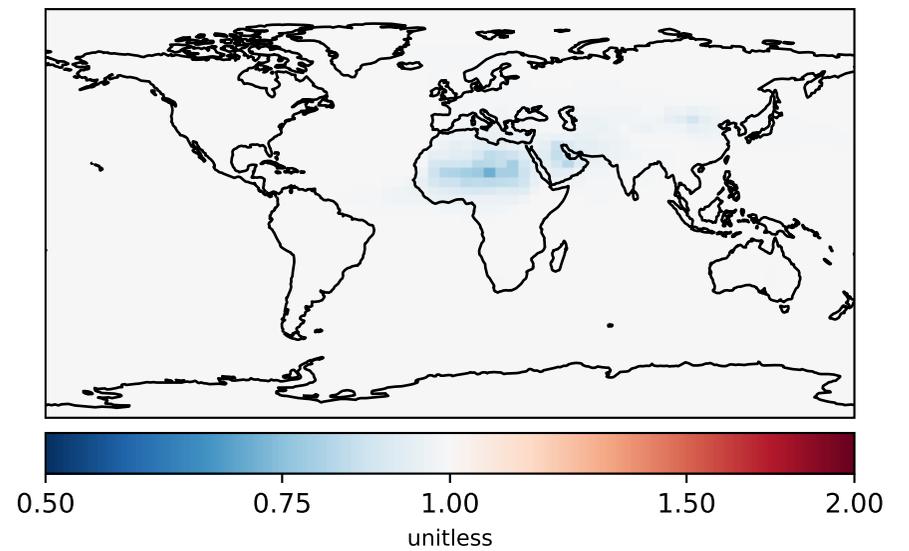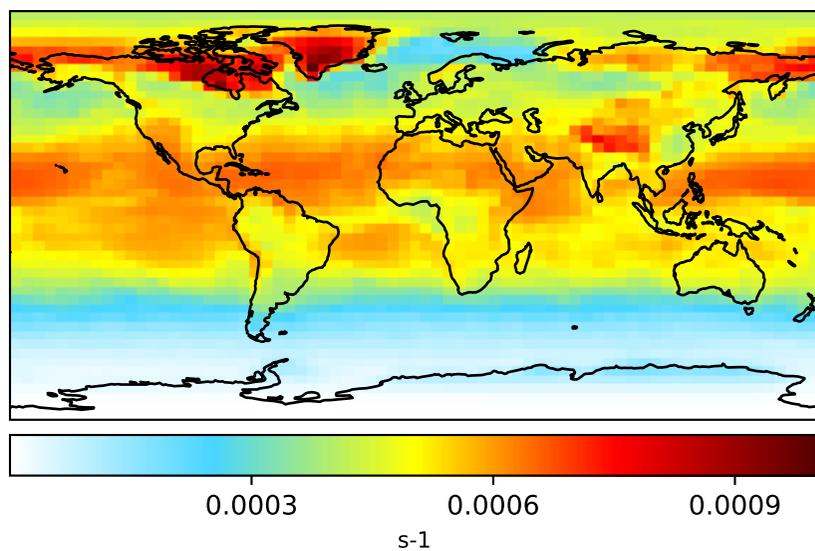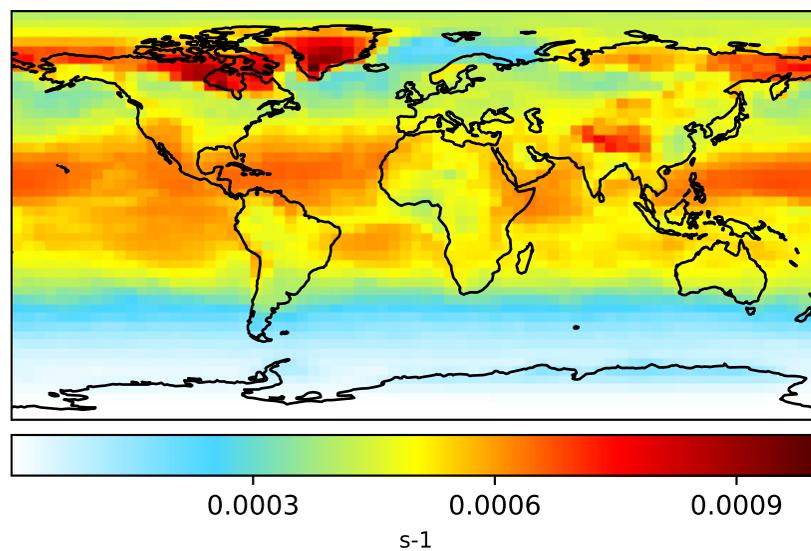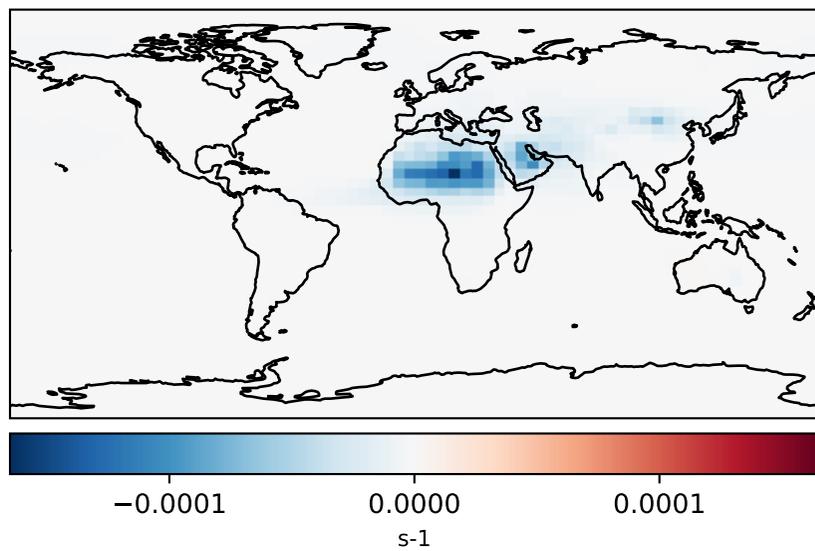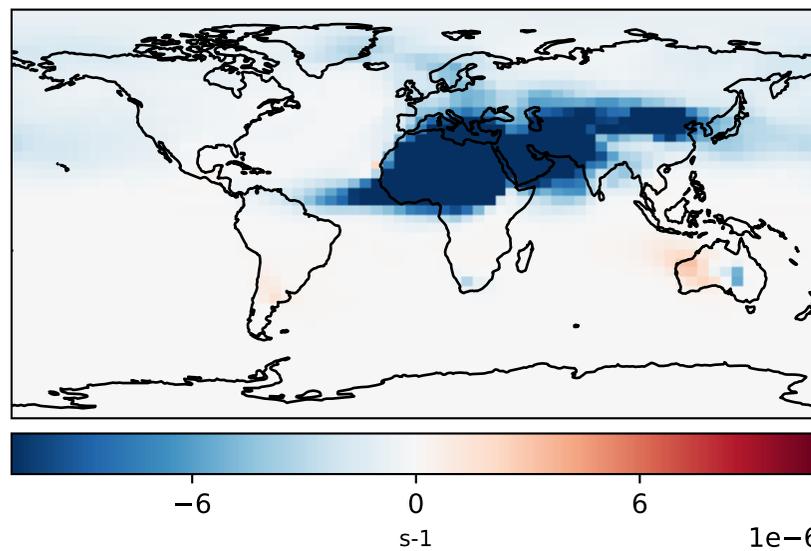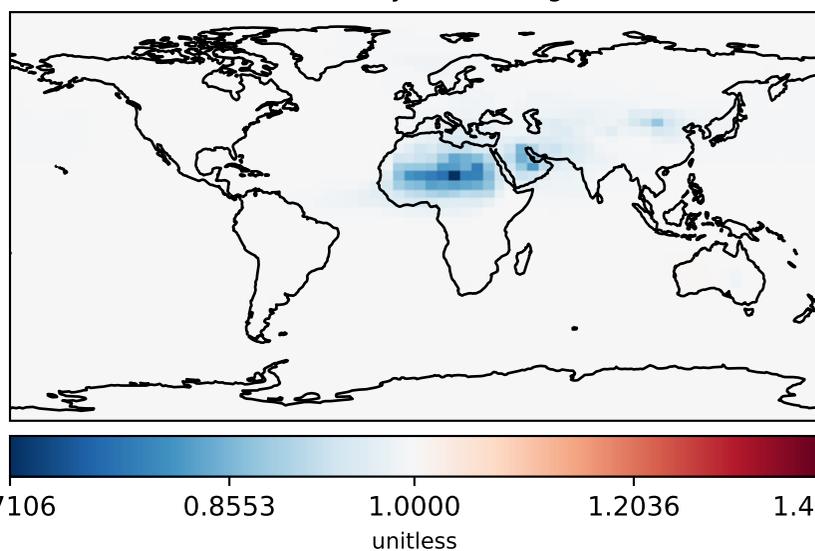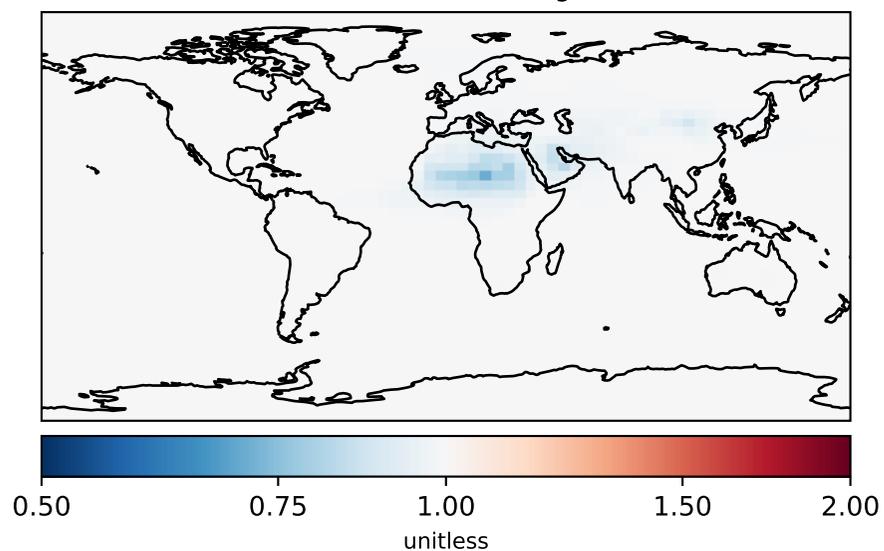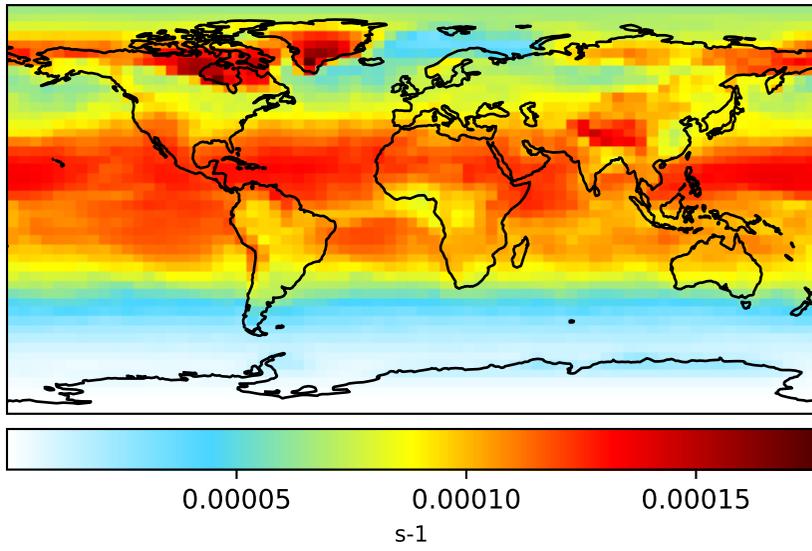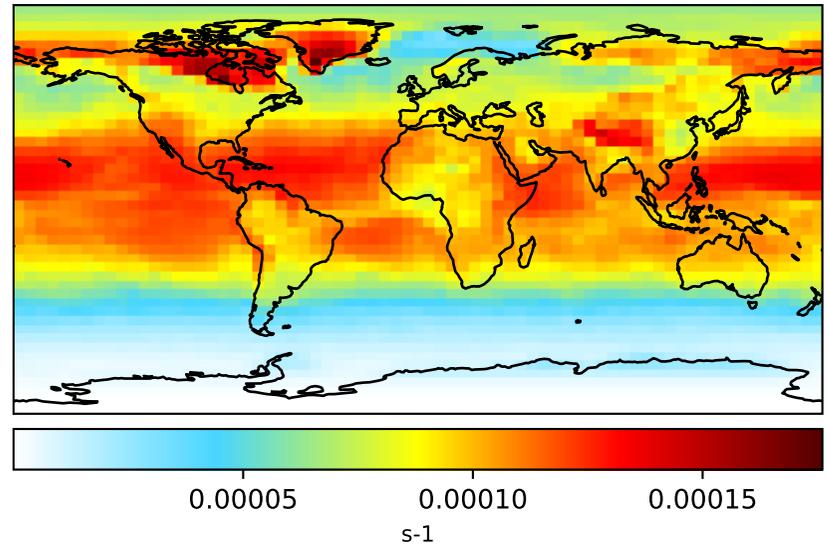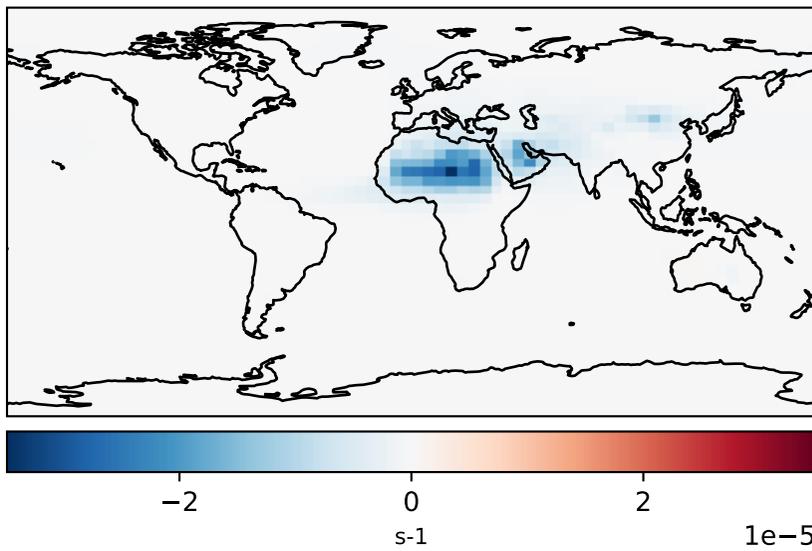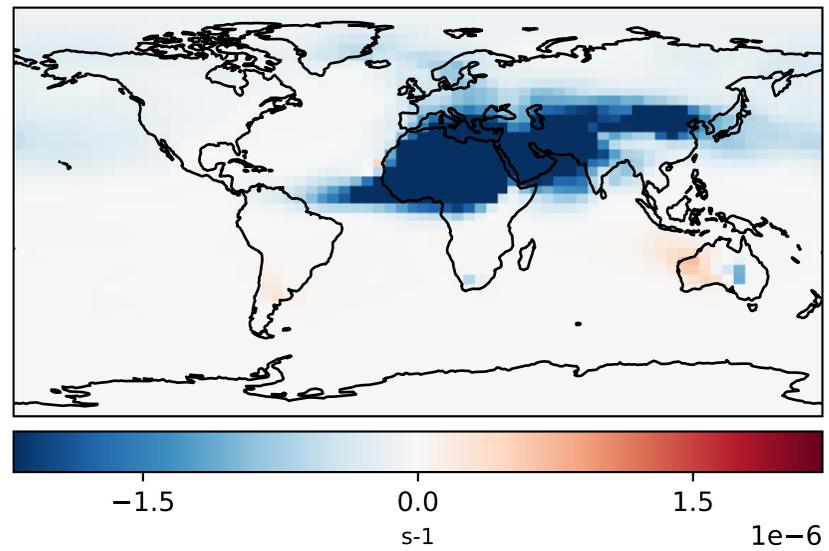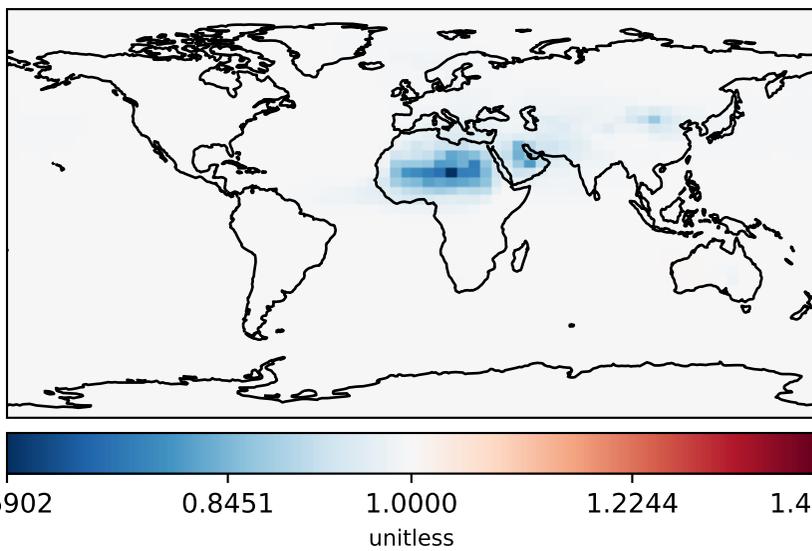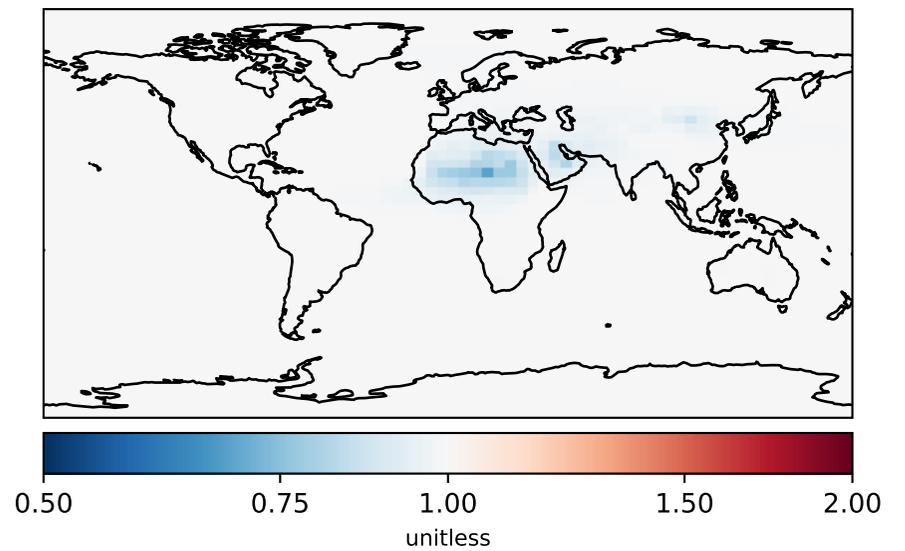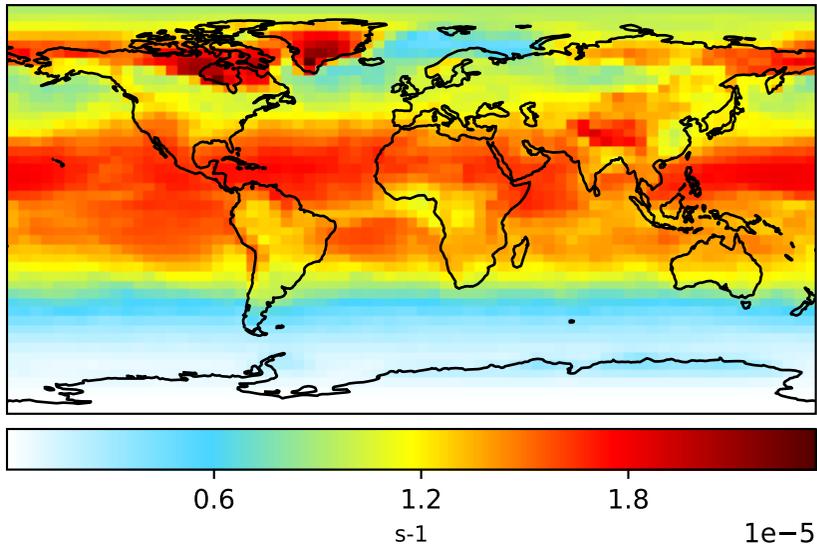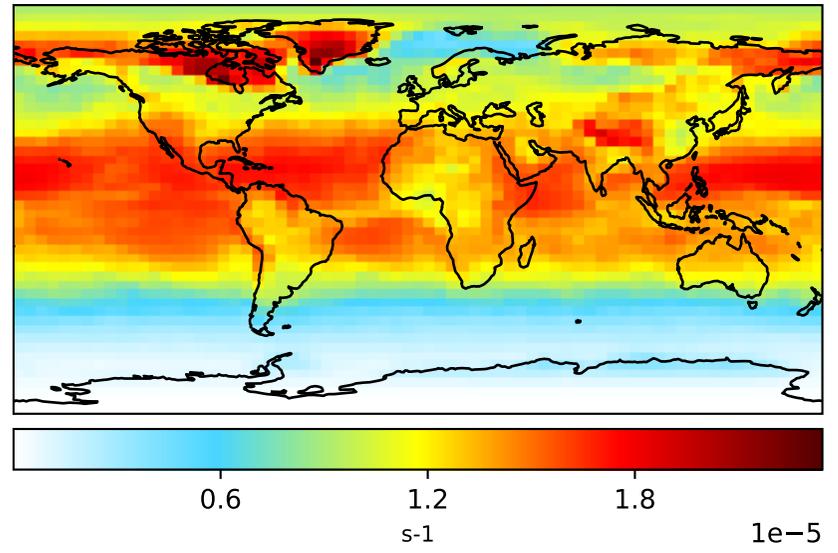Dev/Ref, Dynamic Range
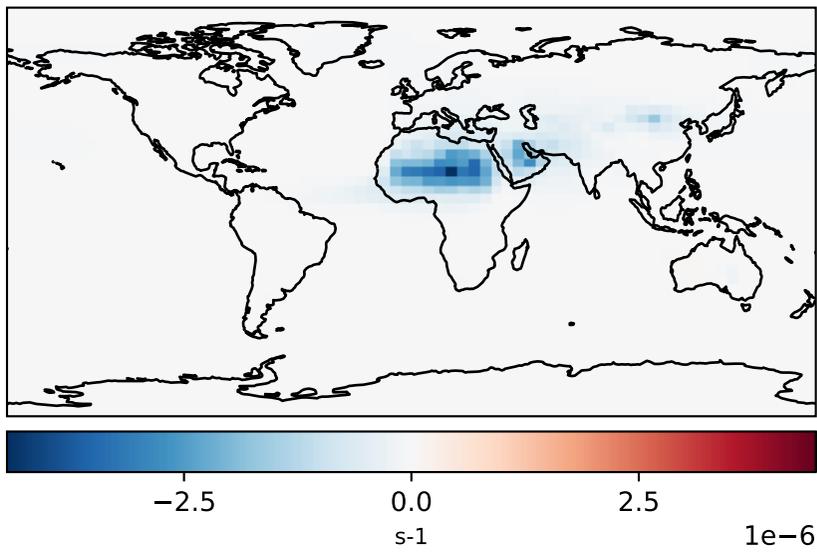
Ratio
Dev/Ref, Fixed Range

Jval_ETHP (Apr2019)

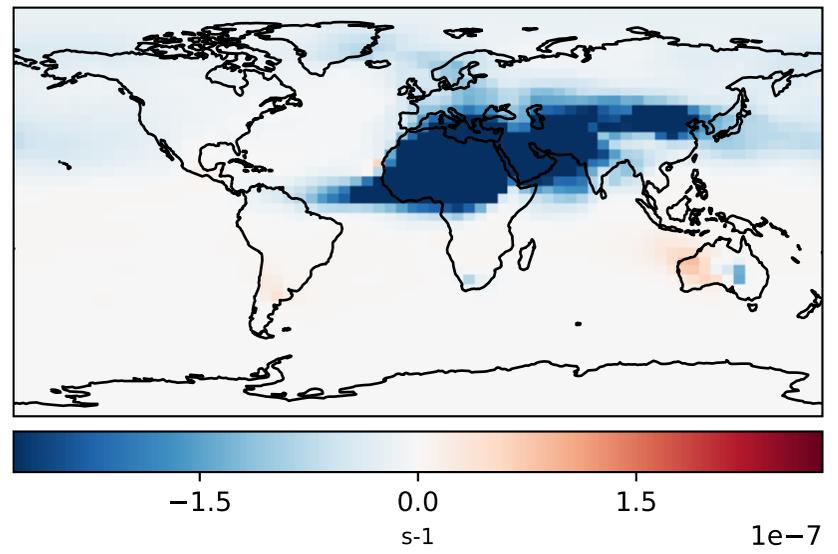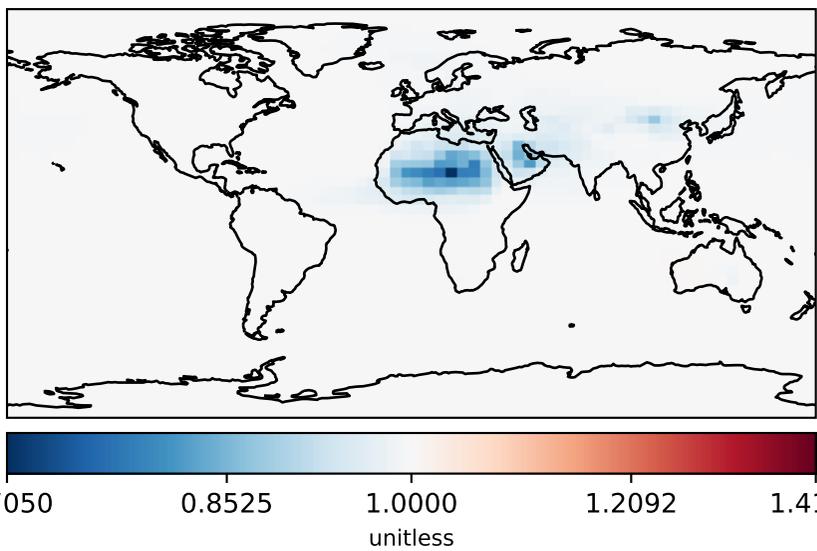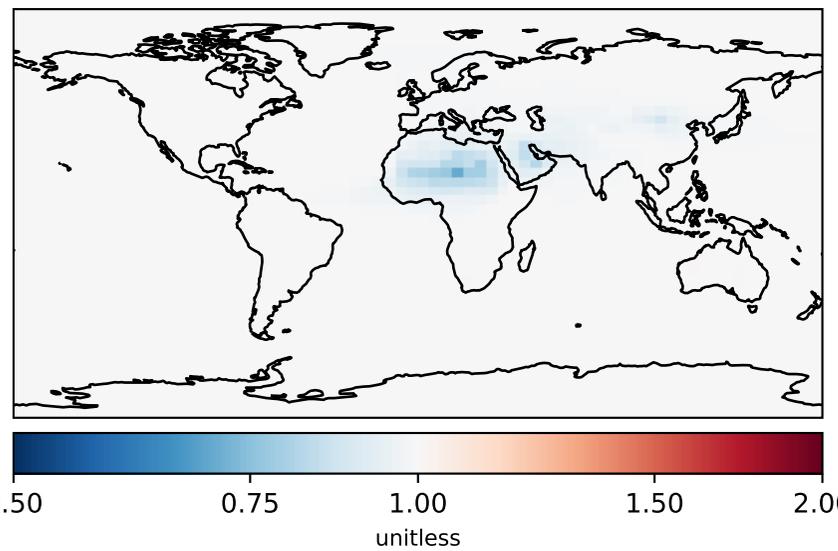gcc.14.5.0-rc.0 (Ref)
4.0x5.0

gcc.14.7.0-rc.0 (Dev)
4.0x5.0

Difference
Dev - Ref, Dynamic Range

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

Ratio
Dev/Ref, Dynamic Range

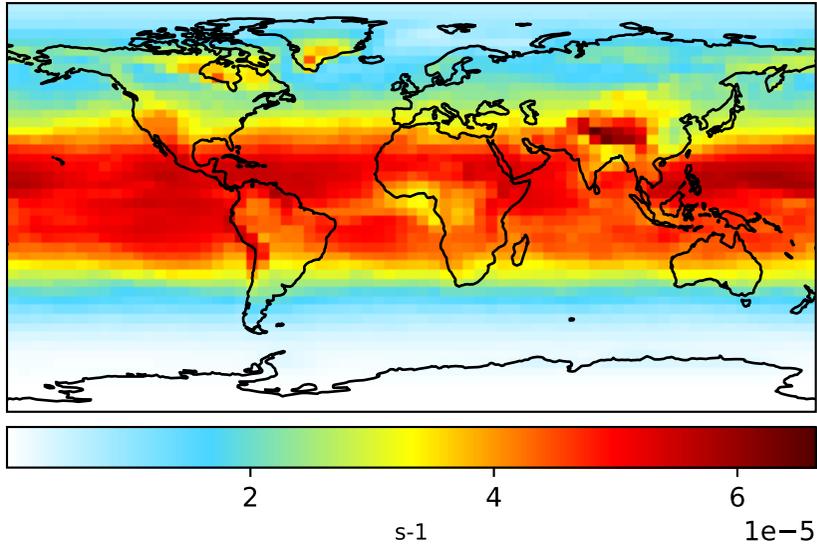Ratio
Dev/Ref, Fixed Range

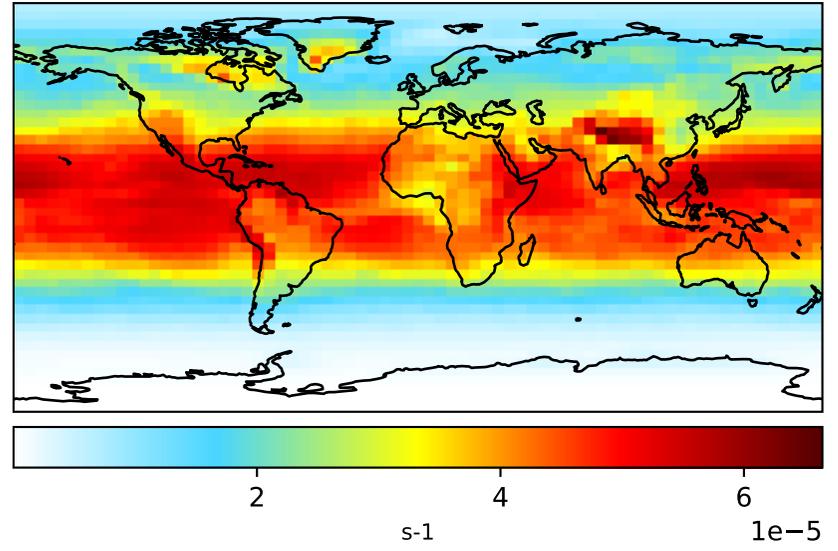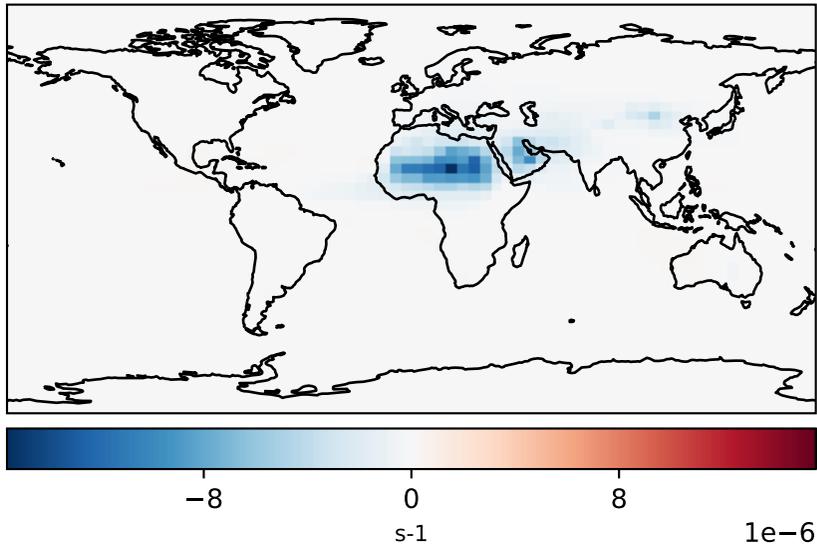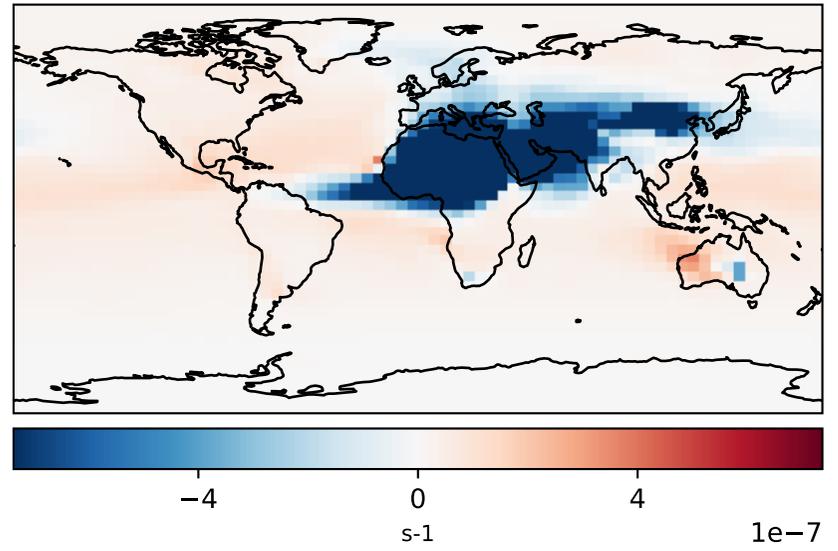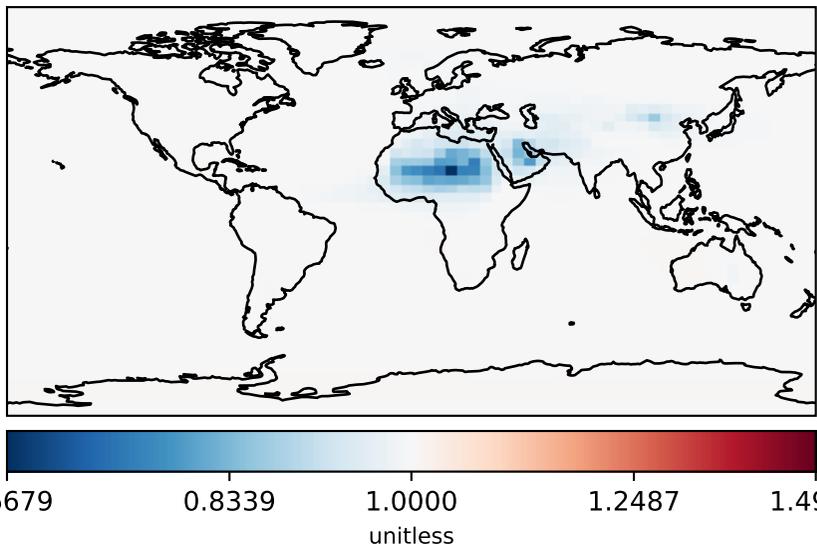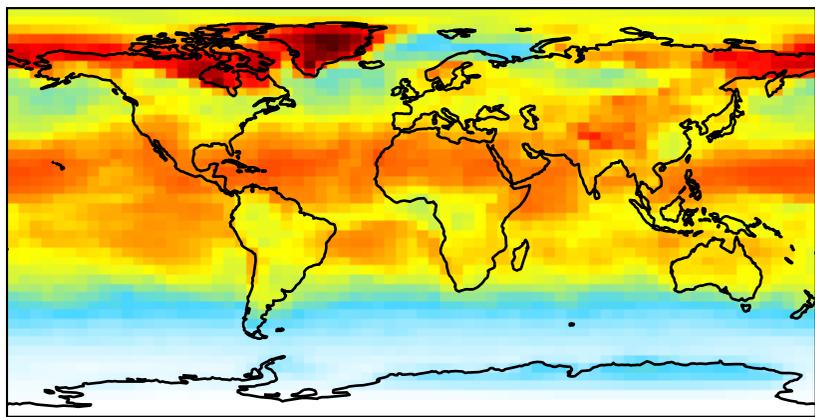# Jval_ETNO3 (Apr2019)
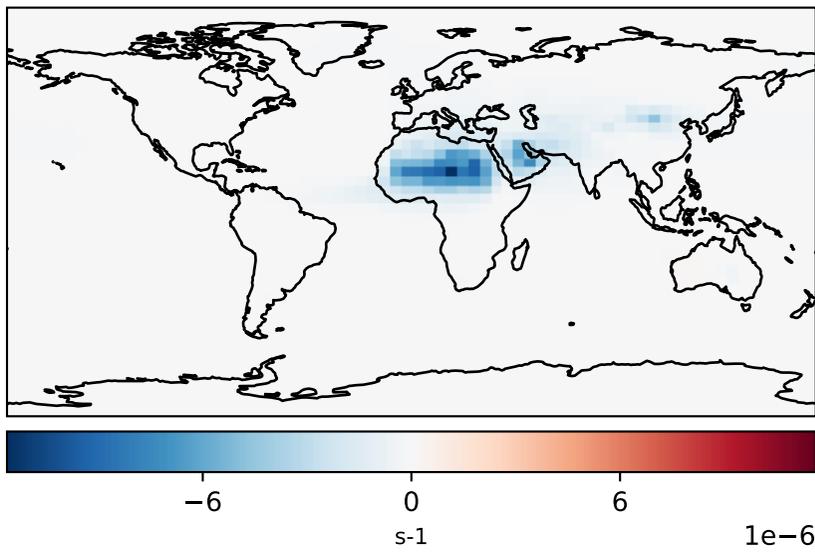
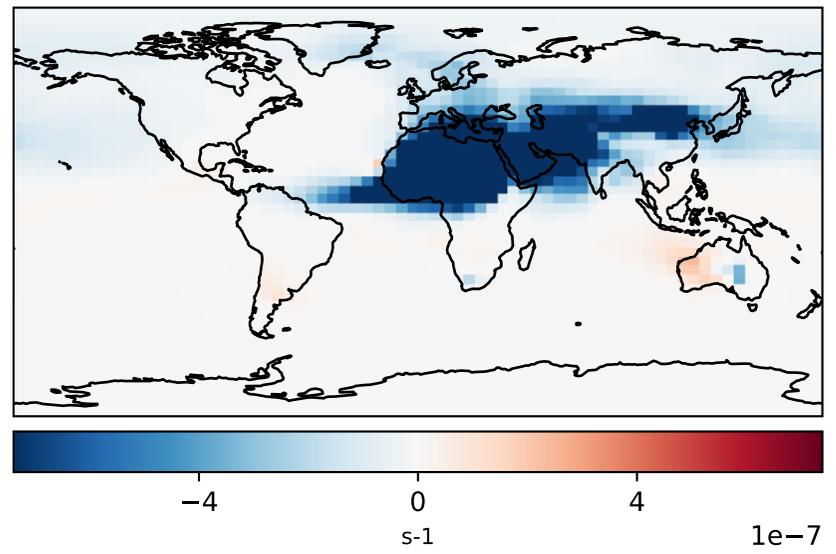# Jval_ETP (Apr2019)

gcc.14.5.0-rc.0 (Ref)
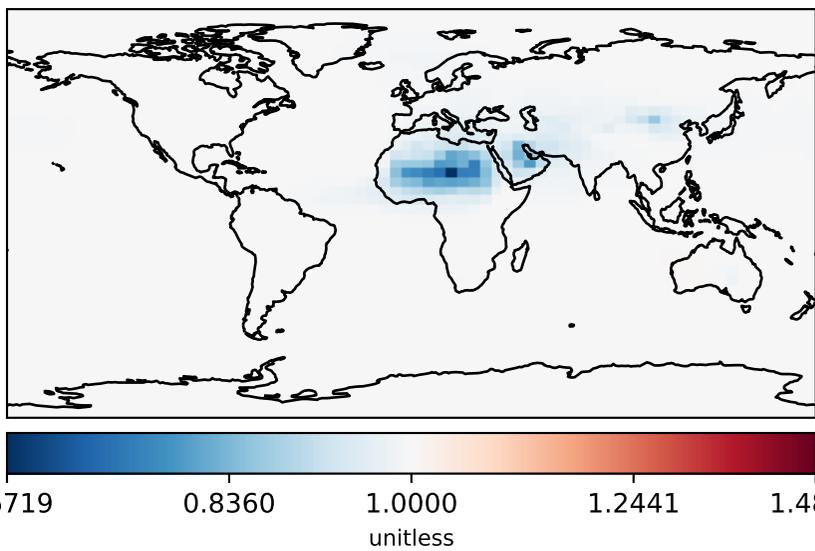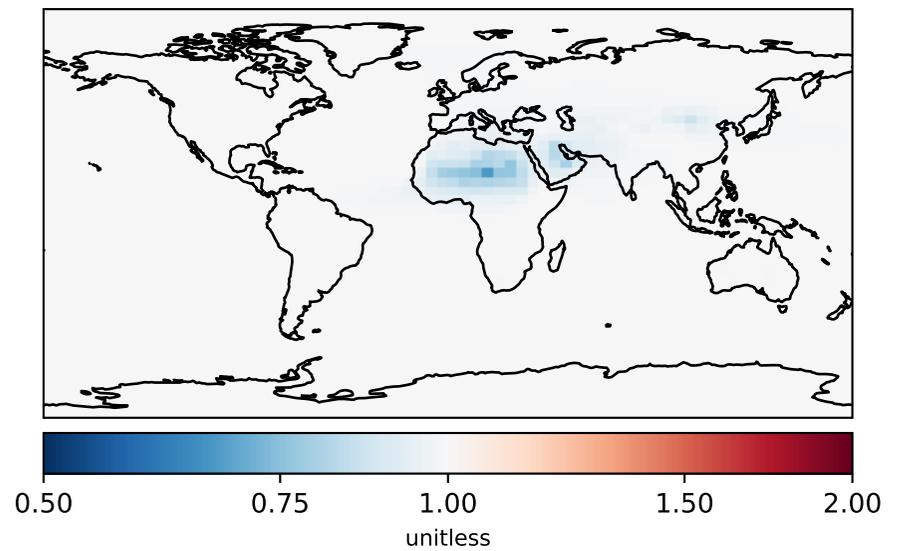4.0x5.0

gcc.14.7.0-rc.0 (Dev)
4.0x5.0

Difference
Dev - Ref, Dynamic Range

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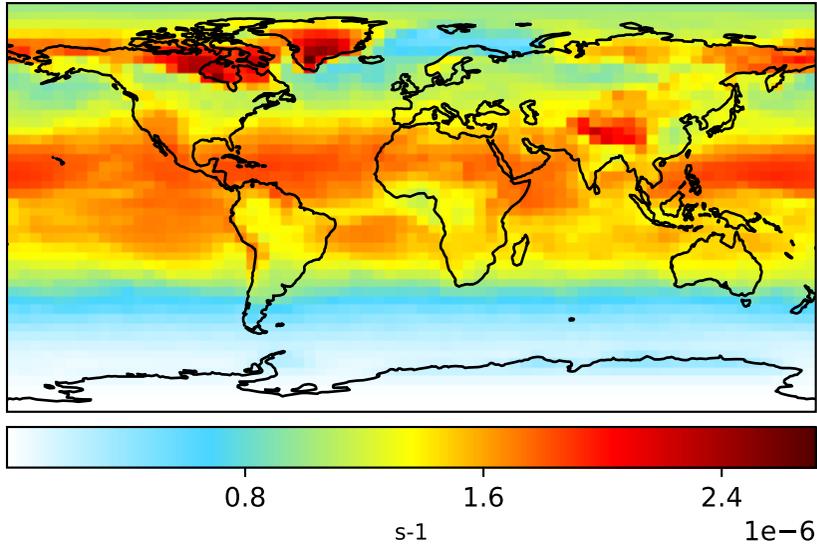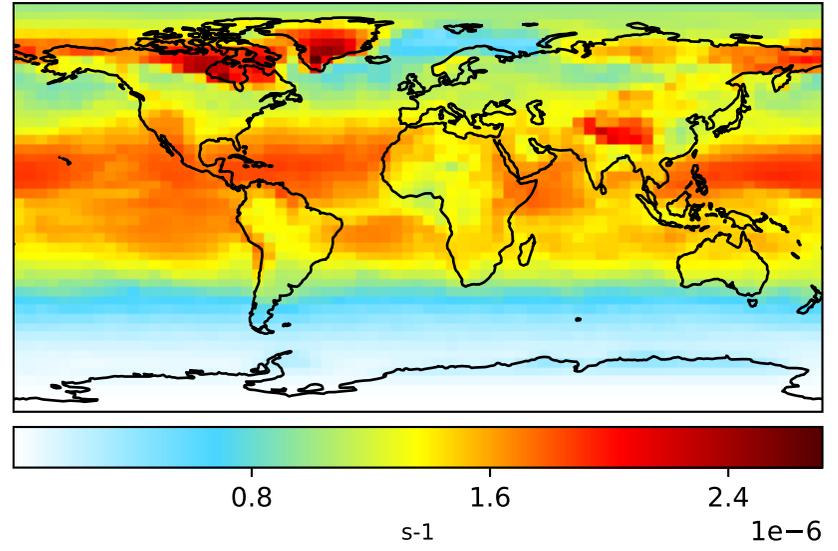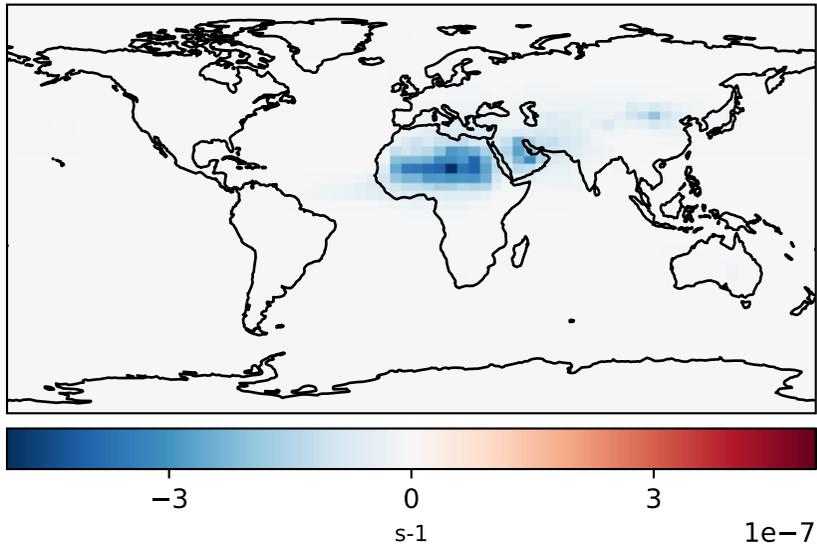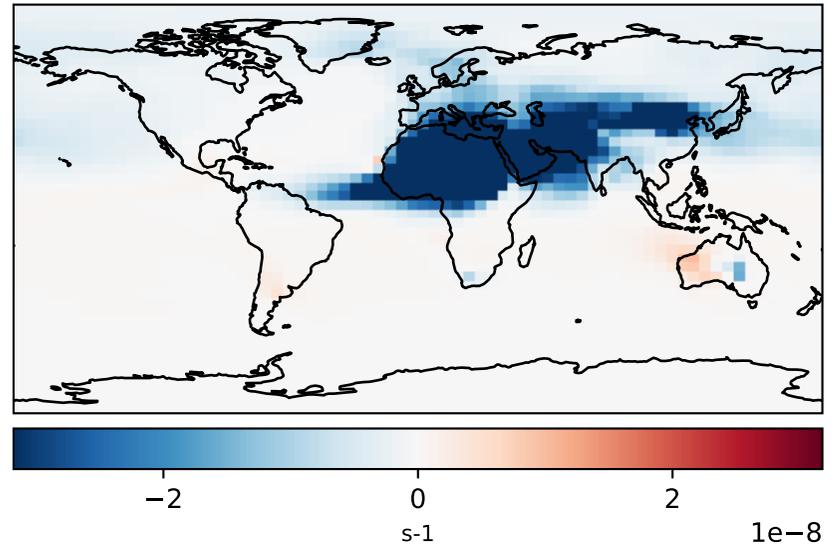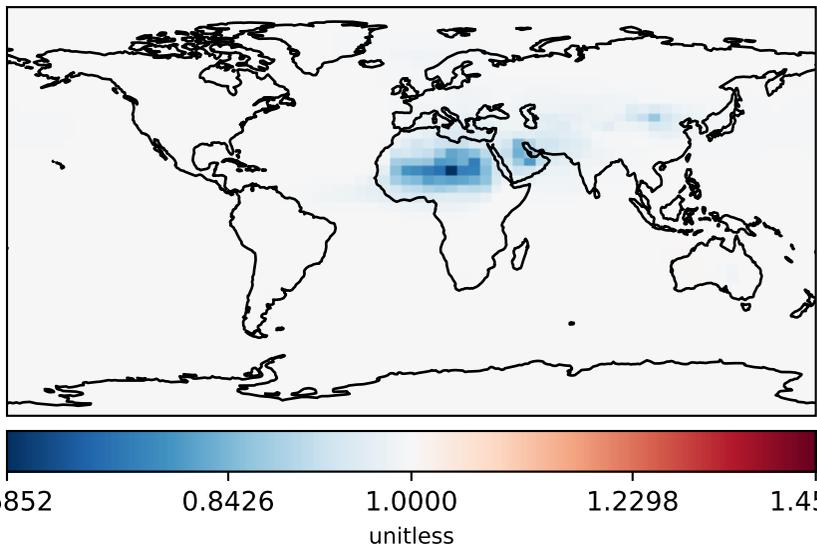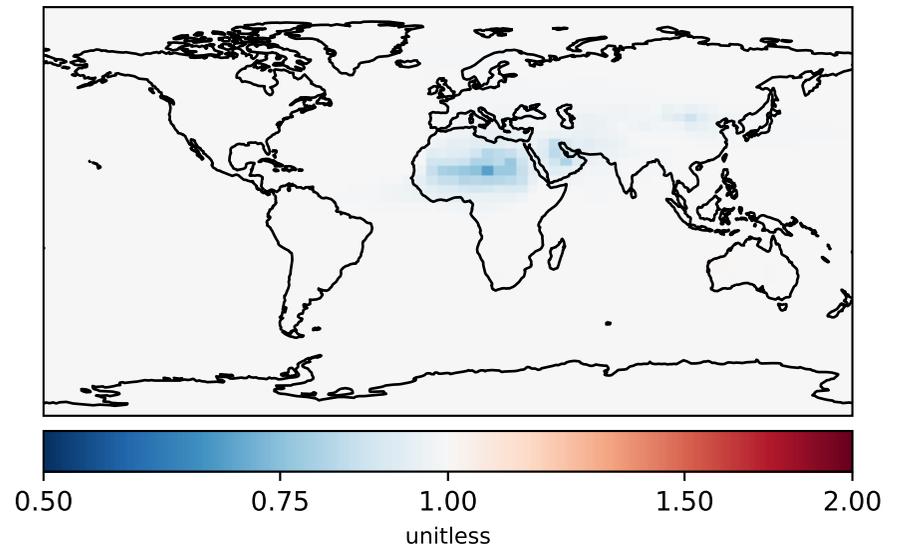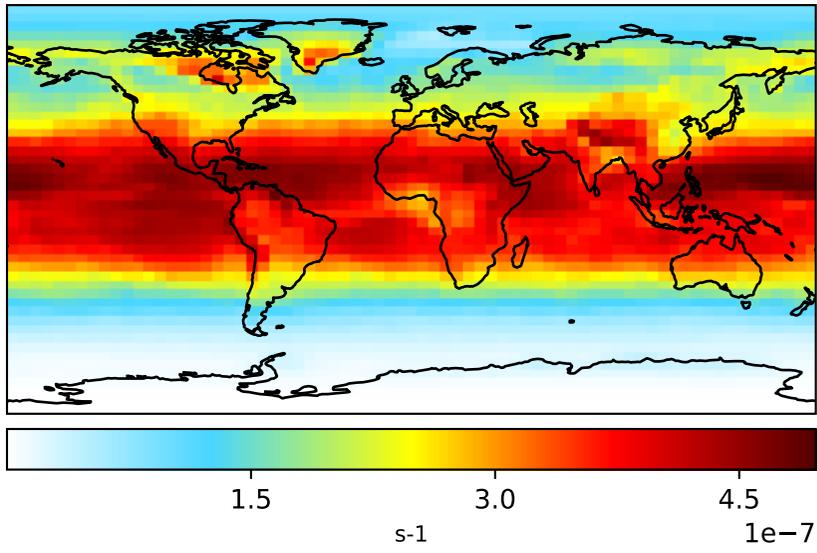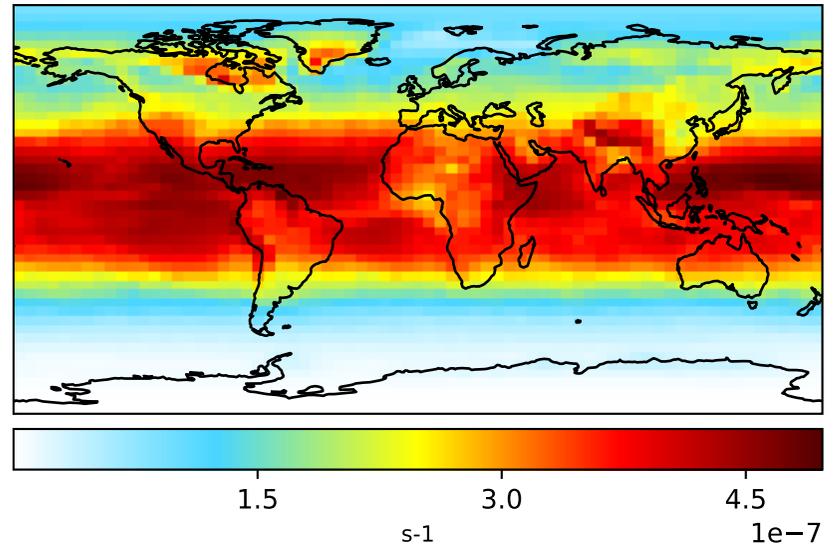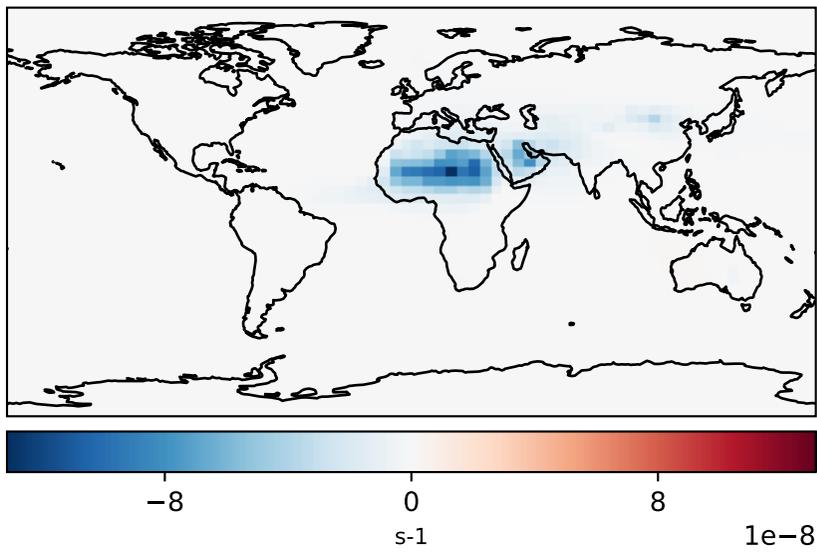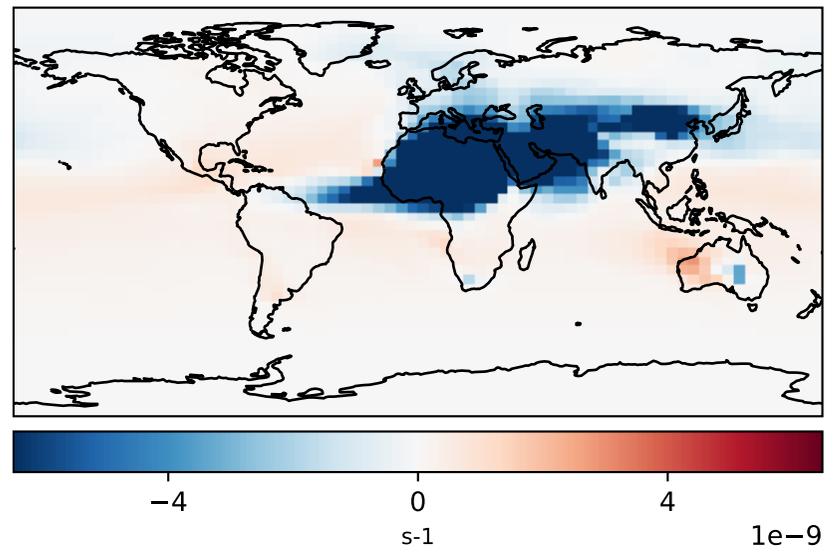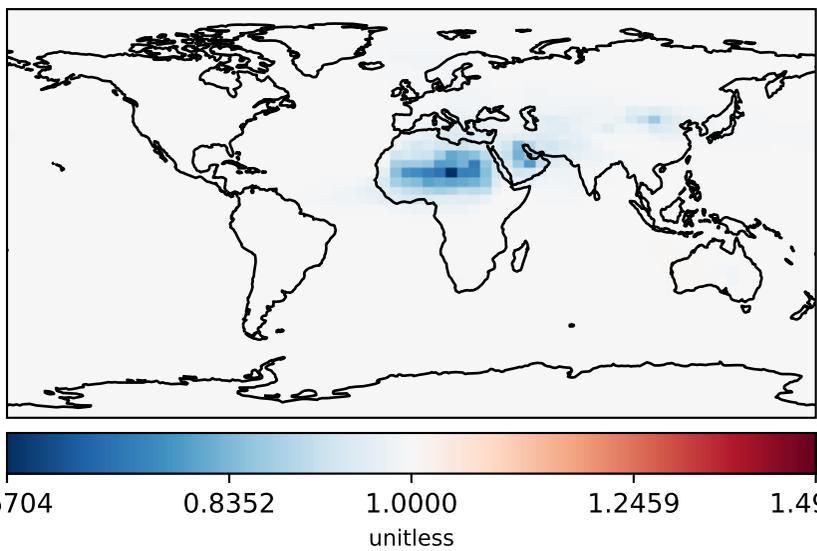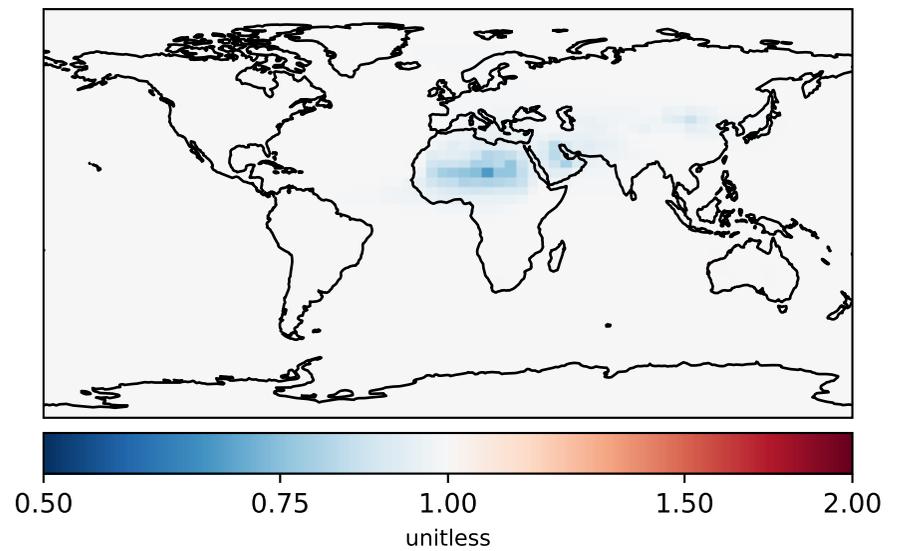Dev - Ref, Restricted Range [5%,95%]

Ratio
Dev/Ref, Dynamic Range

Ratio
Dev/Ref, Fixed Range

Jval_GLYC (Apr2019)

gcc.14.5.0-rc.0 (Ref)
4.0x5.0

gcc.14.7.0-rc.0 (Dev)
4.0x5.0

Difference
Dev - Ref, Dynamic Range

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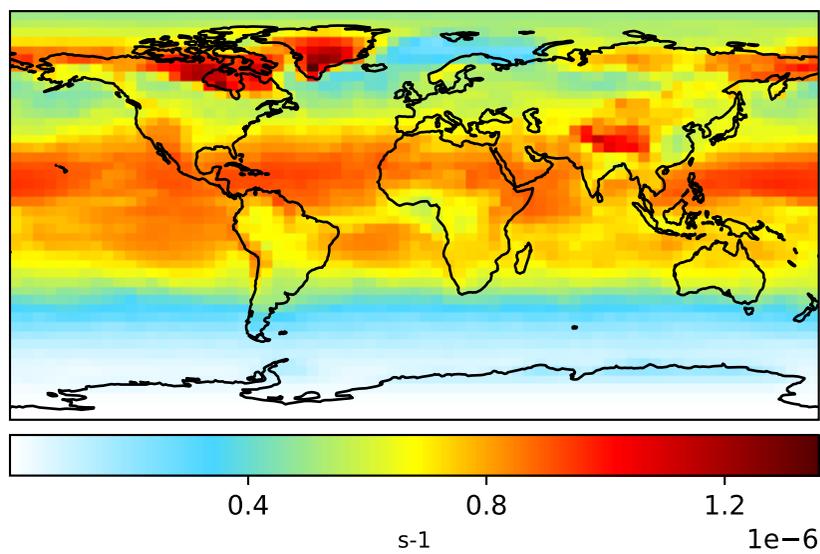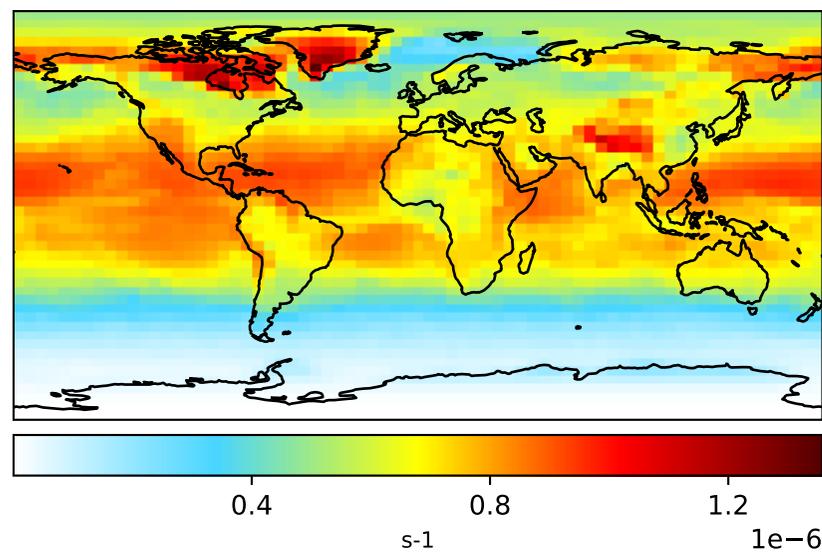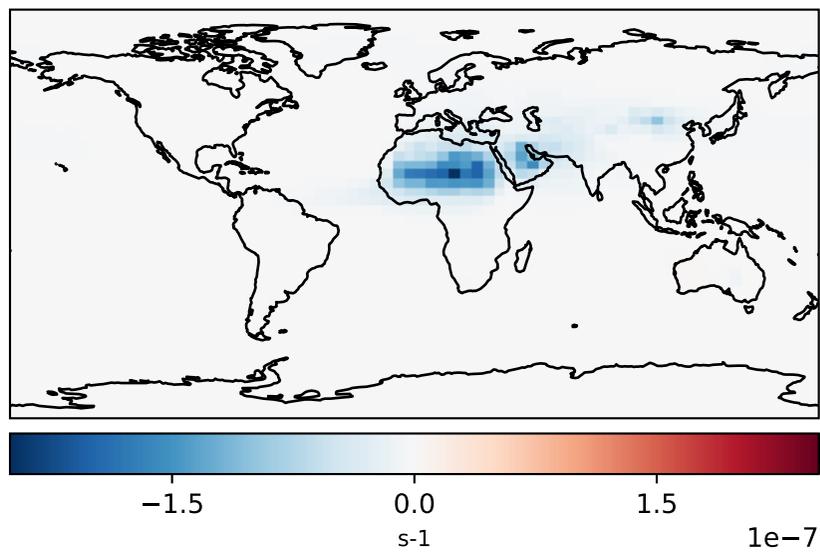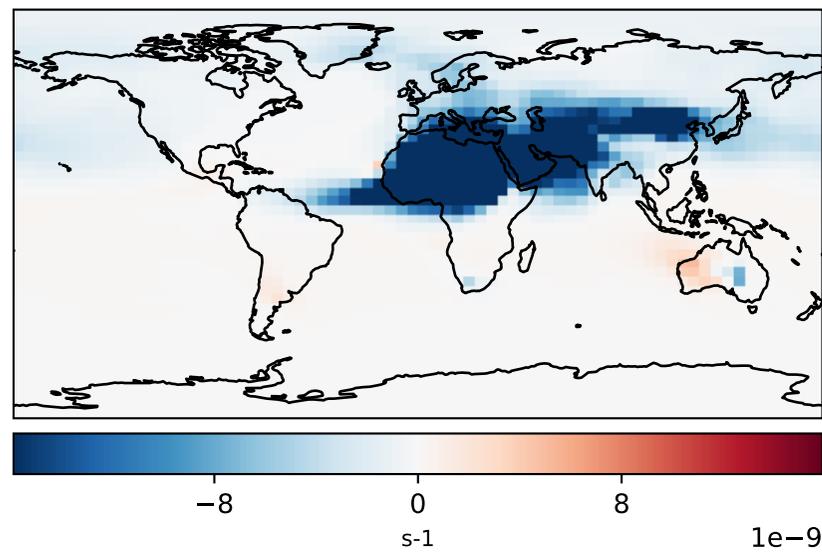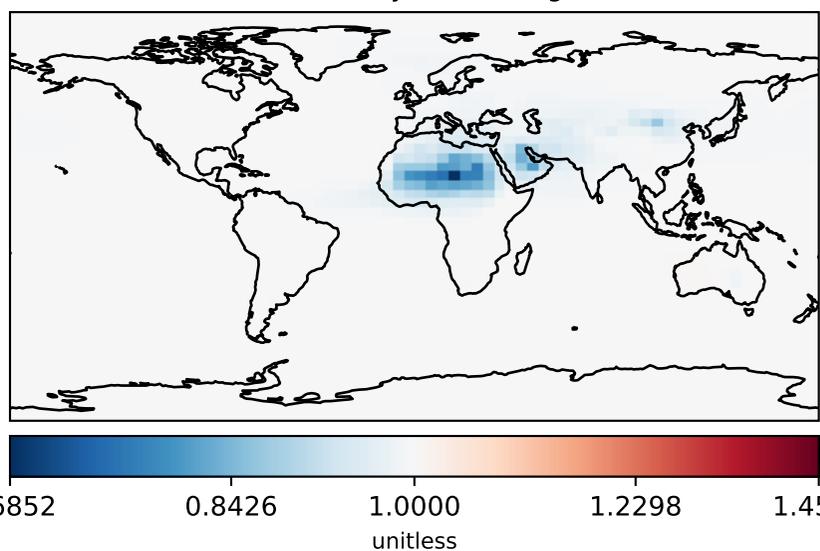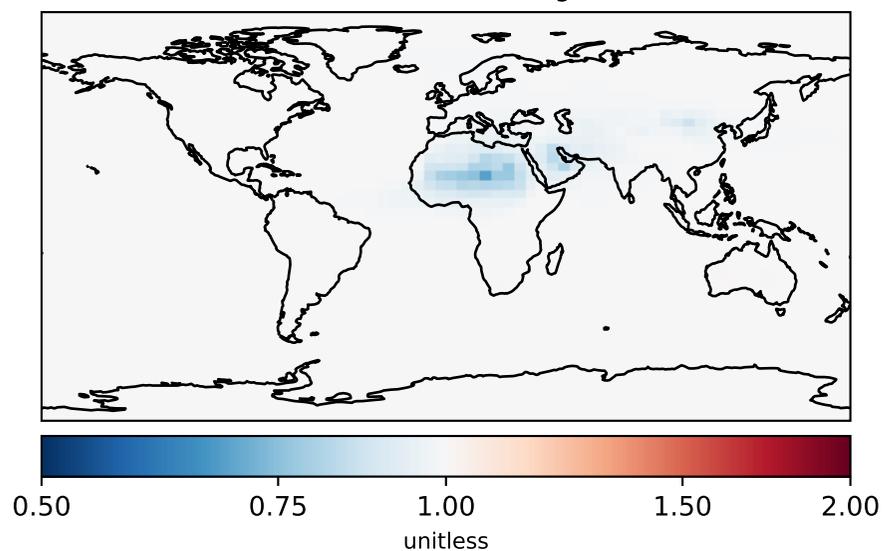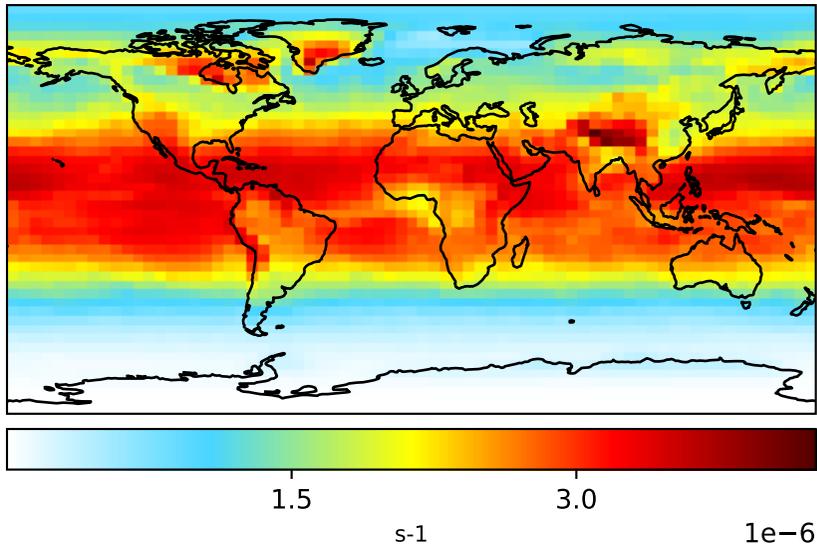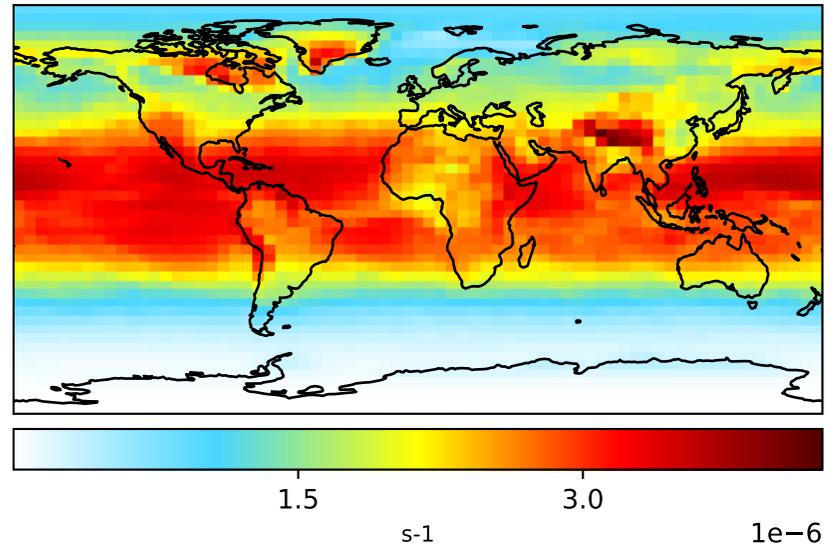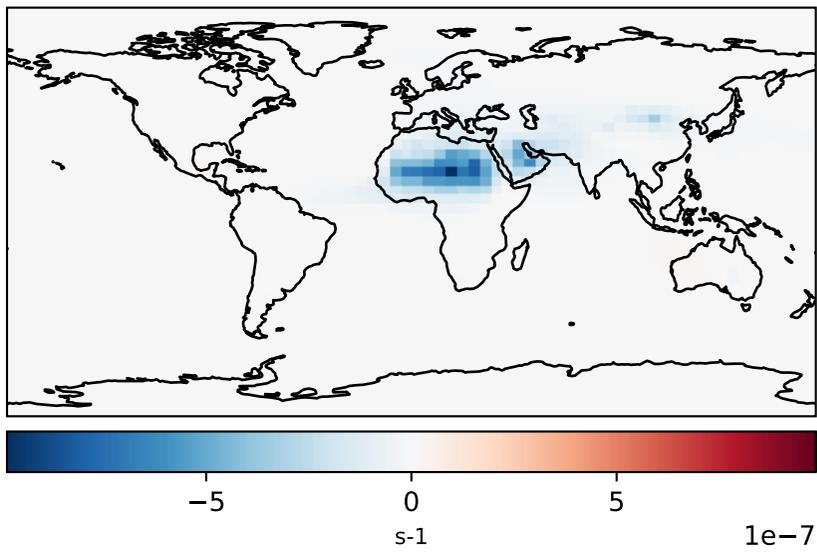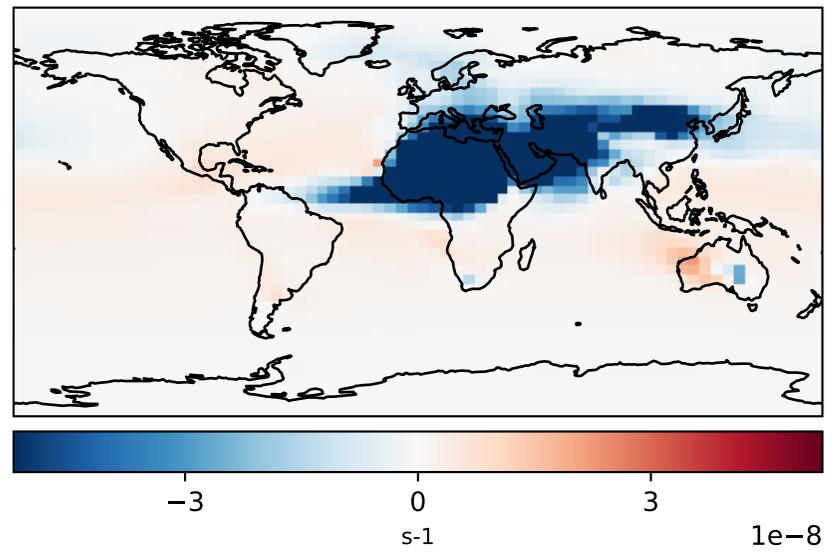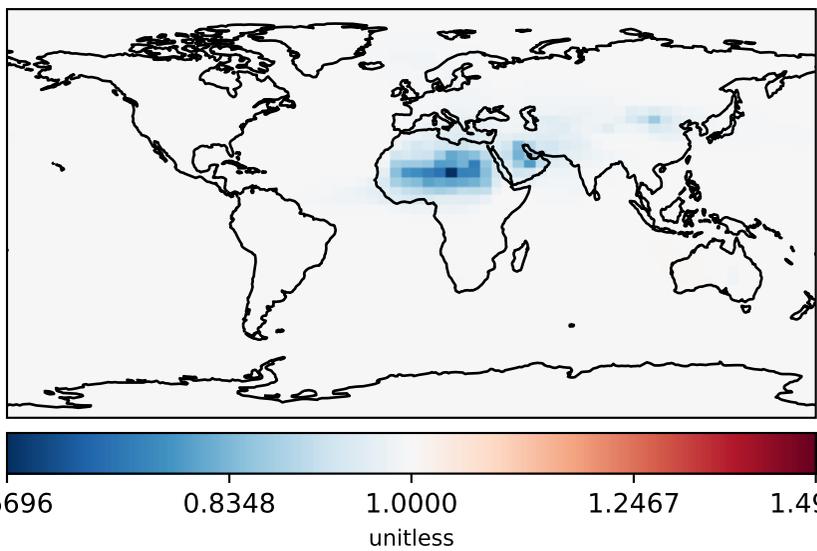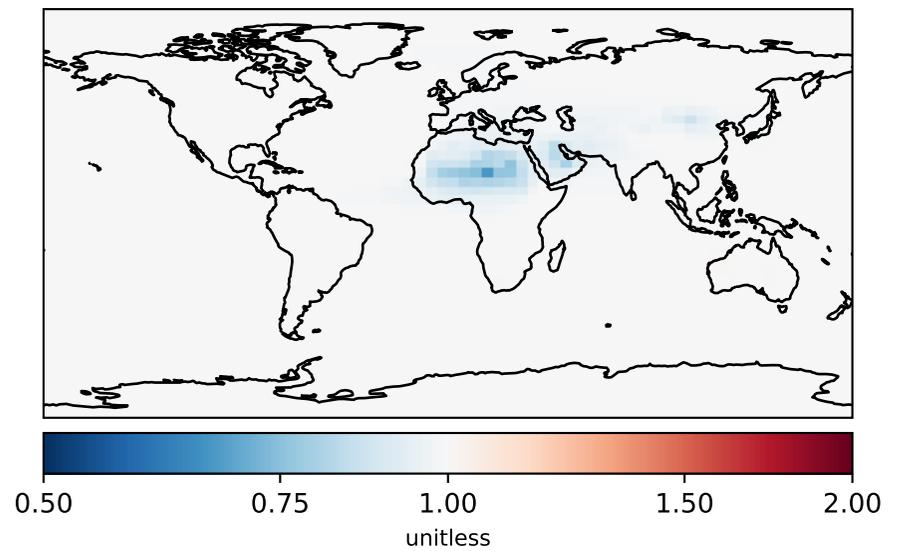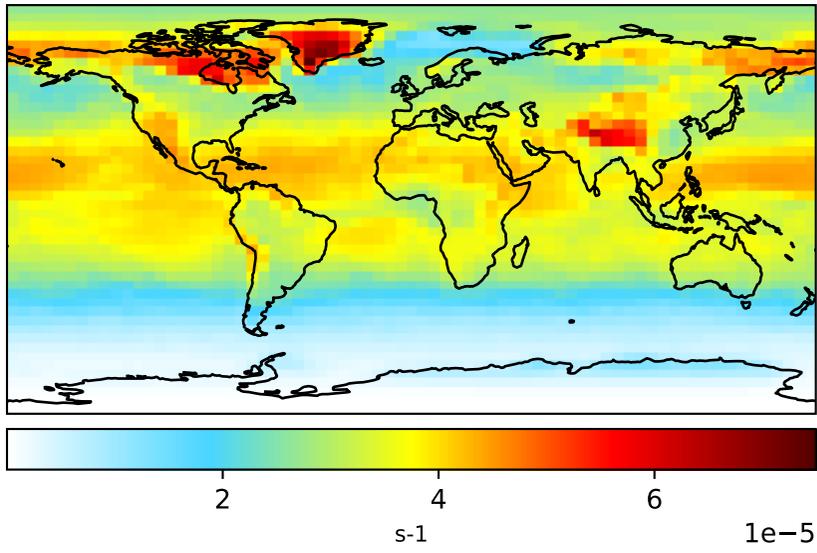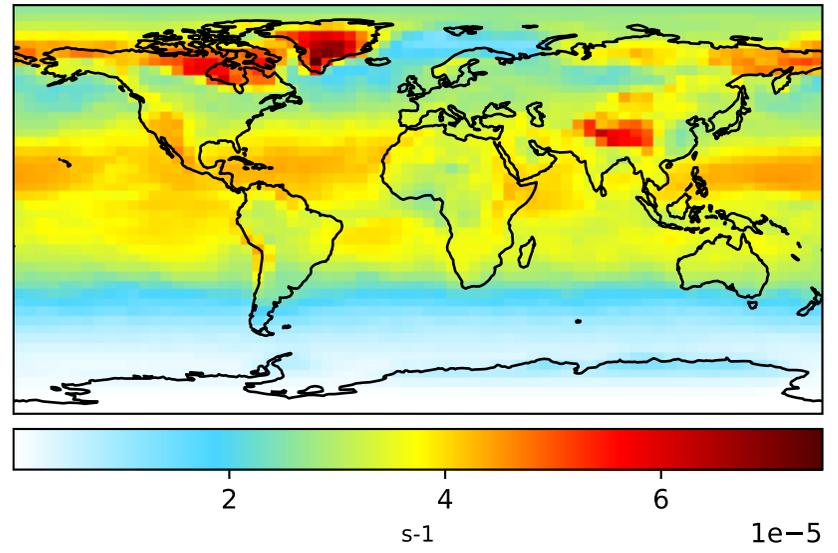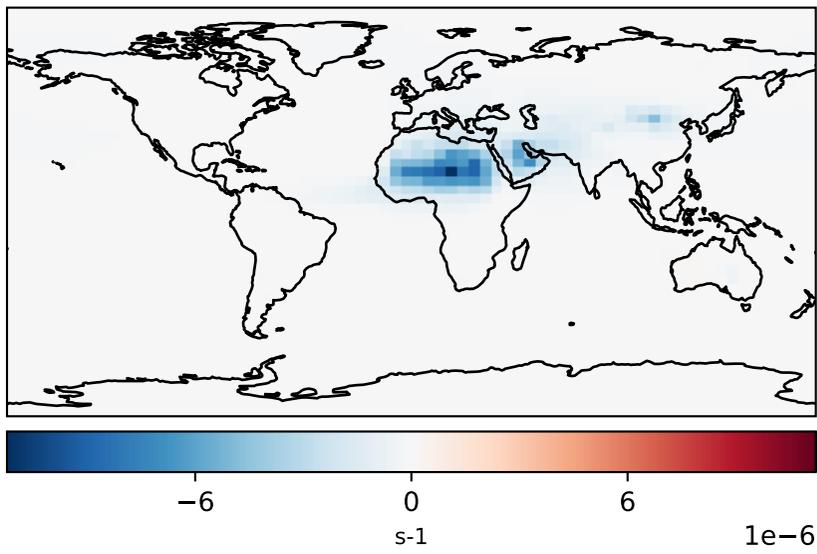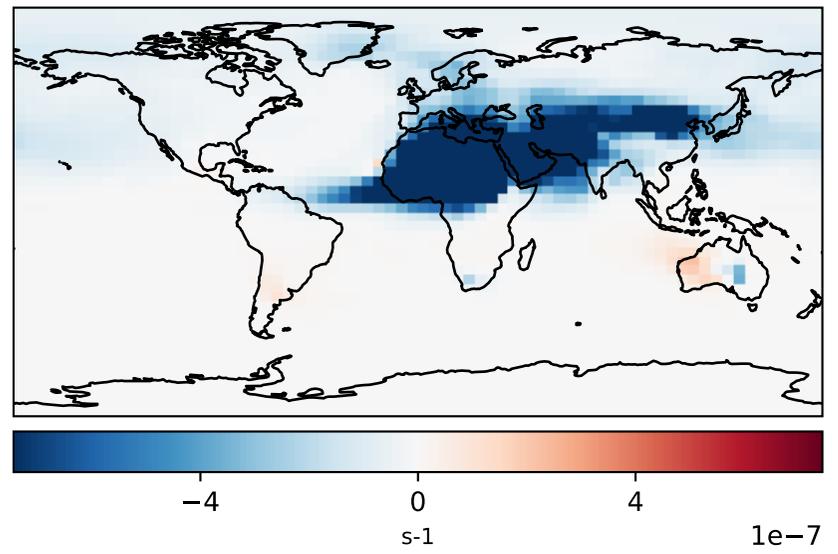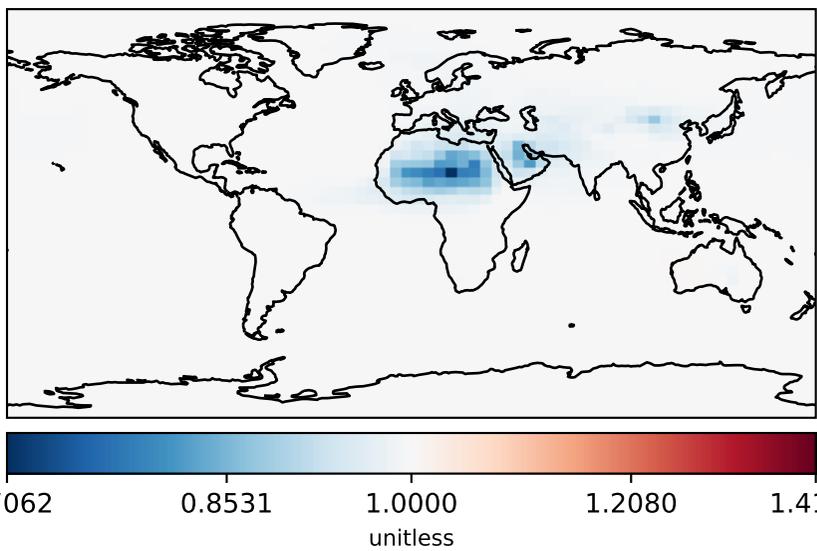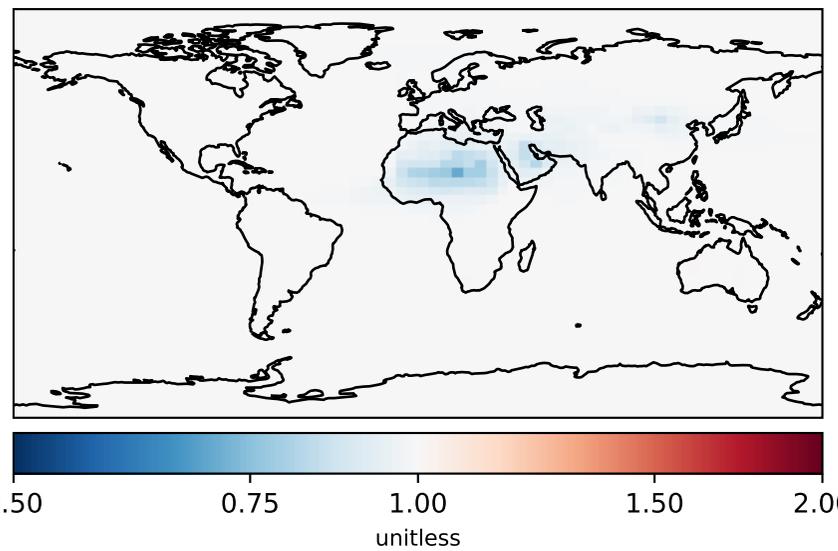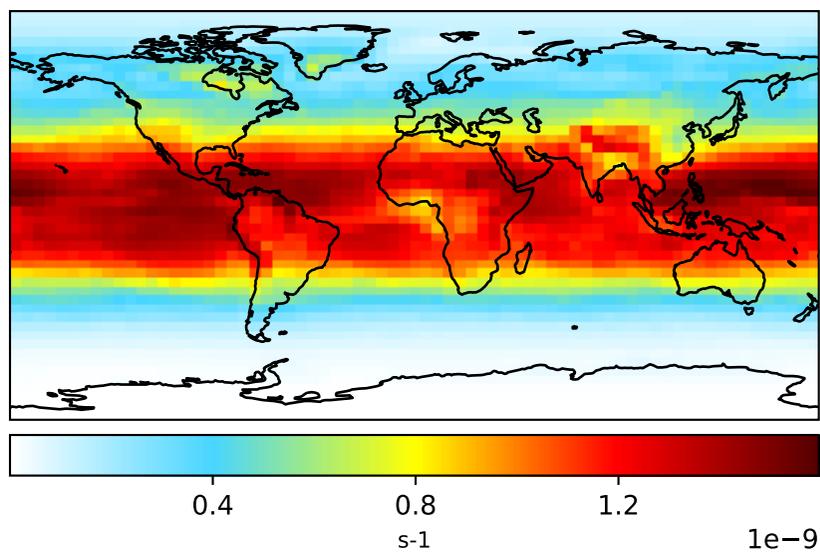Dev - Ref, Restricted Range [5%,95%]
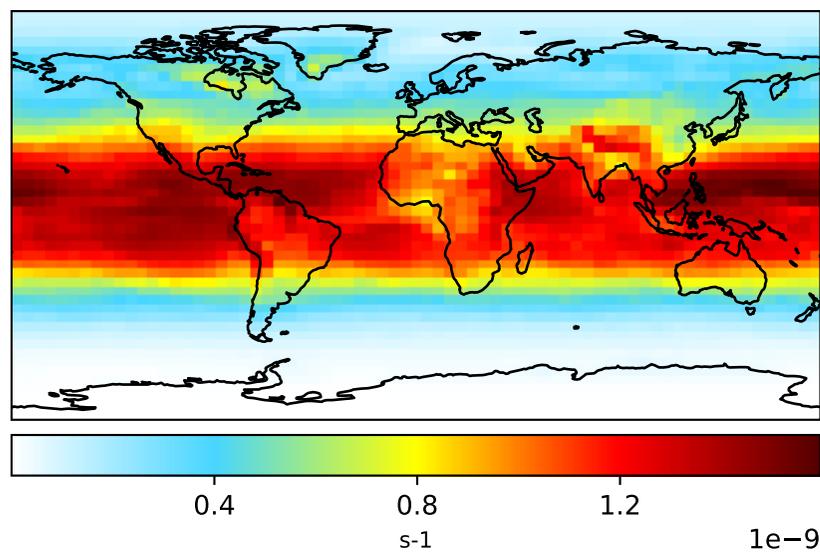
Ratio
Dev/Ref, Dynamic Range

Ratio
Dev/Ref, Fixed Range

Jval_GLYX (Apr2019)

Jval_H1211 (Apr2019)

Jval_H1301 (Apr2019)

Jval_H2402 (Apr2019)

Jval_H2O2 (Apr2019)

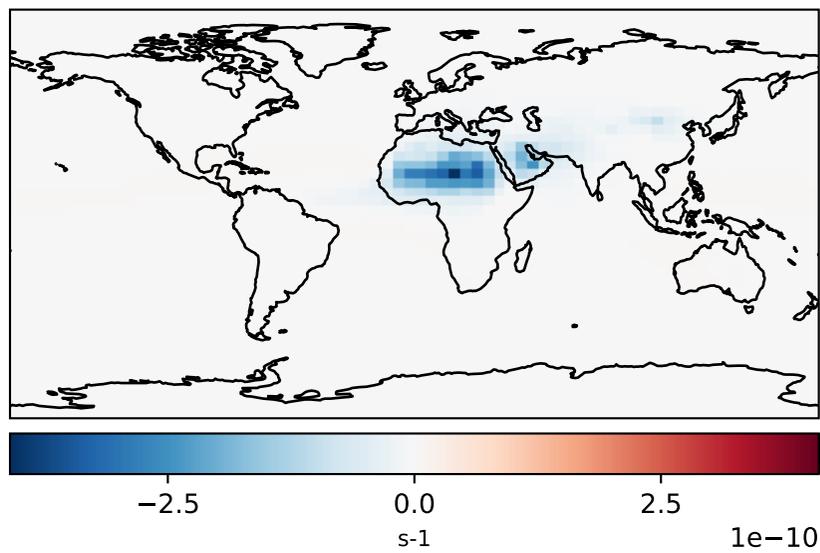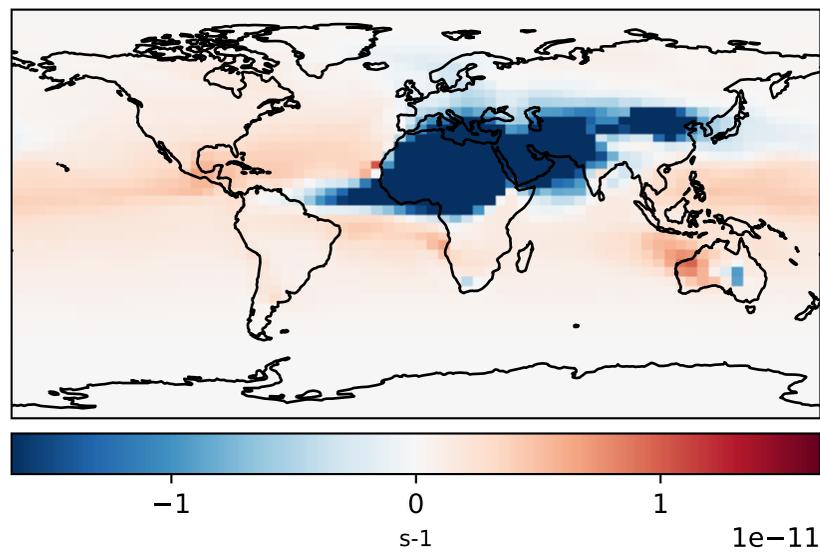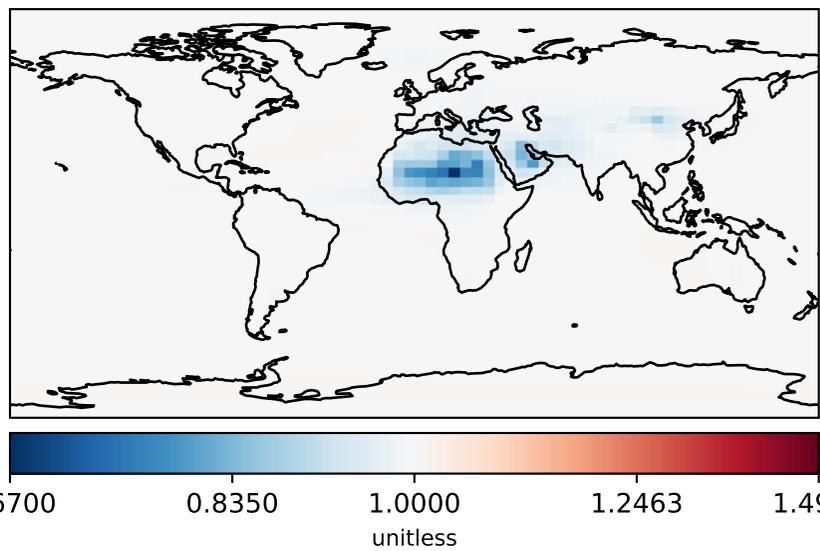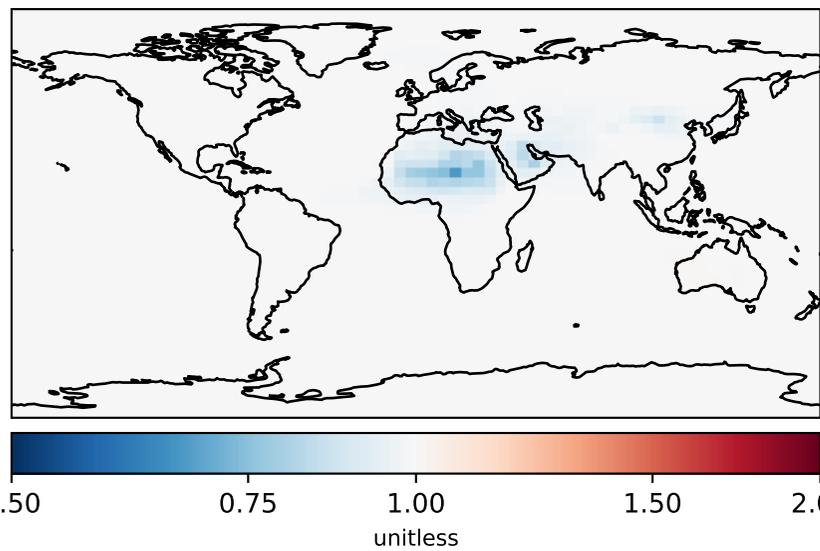Jval_HAC (Apr2019)

Jval_HCFC123 (Apr2019)

gcc.14.5.0-rc.0 (Ref)
4.0x5.0

gcc.14.7.0-rc.0 (Dev)
4.0x5.0

Difference
Dev - Ref, Dynamic Range

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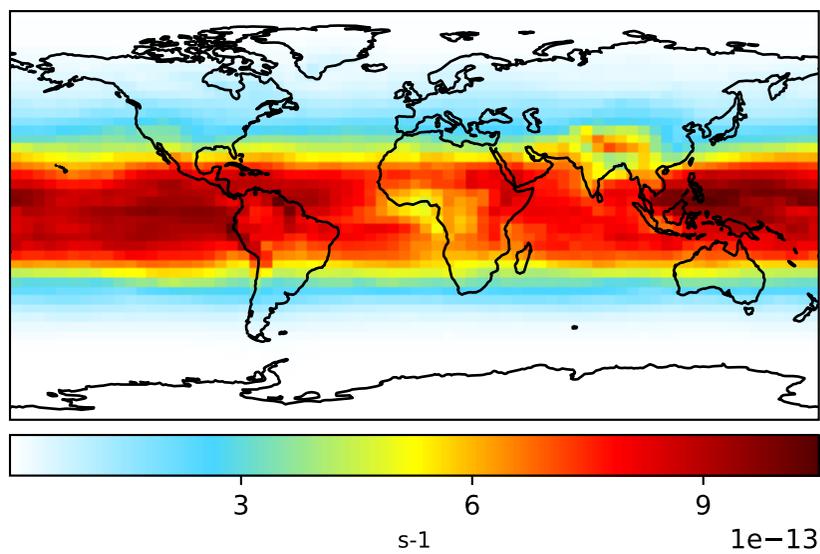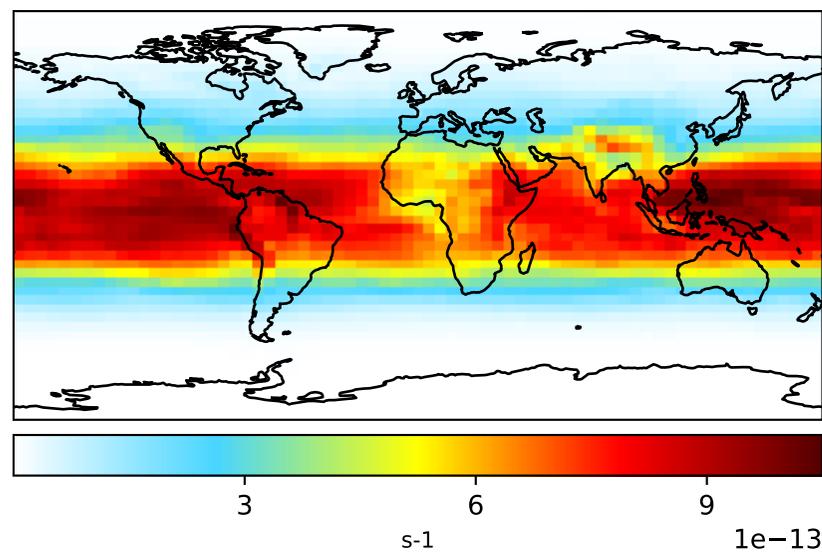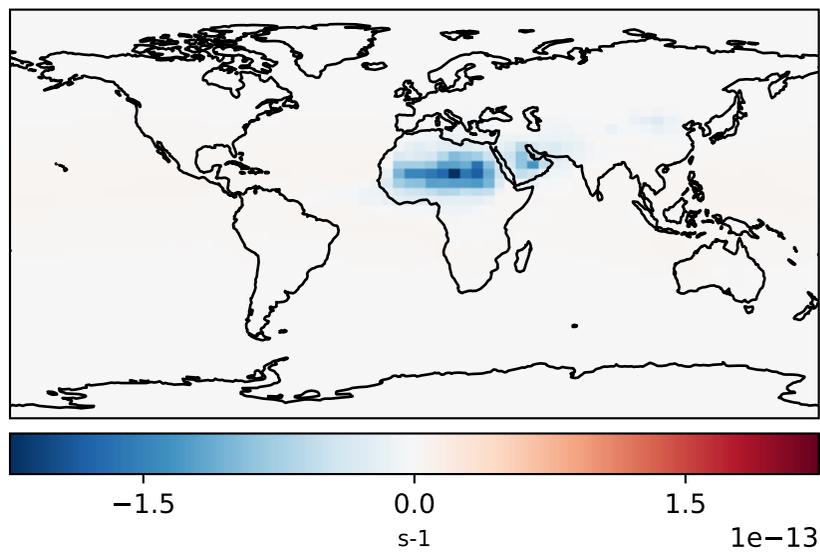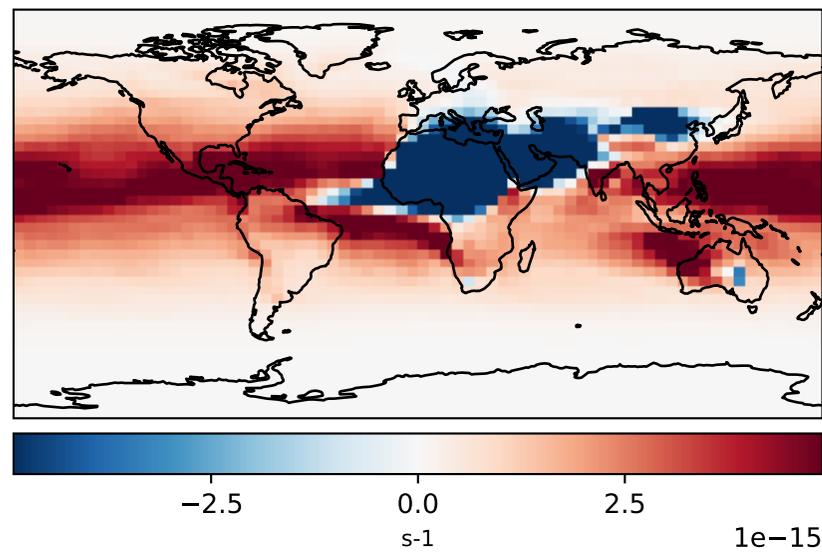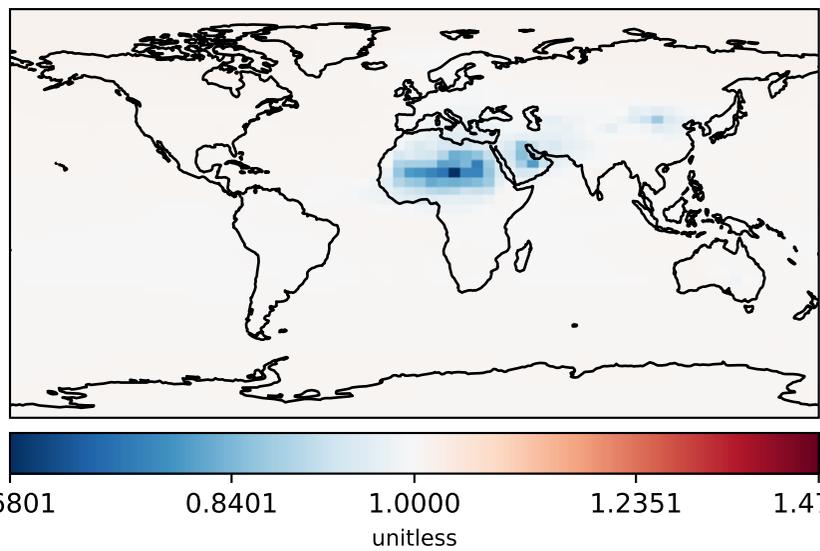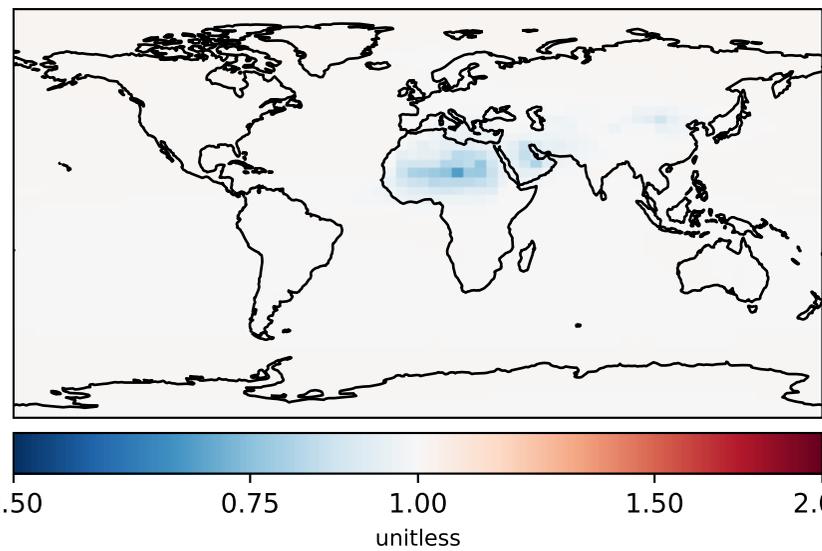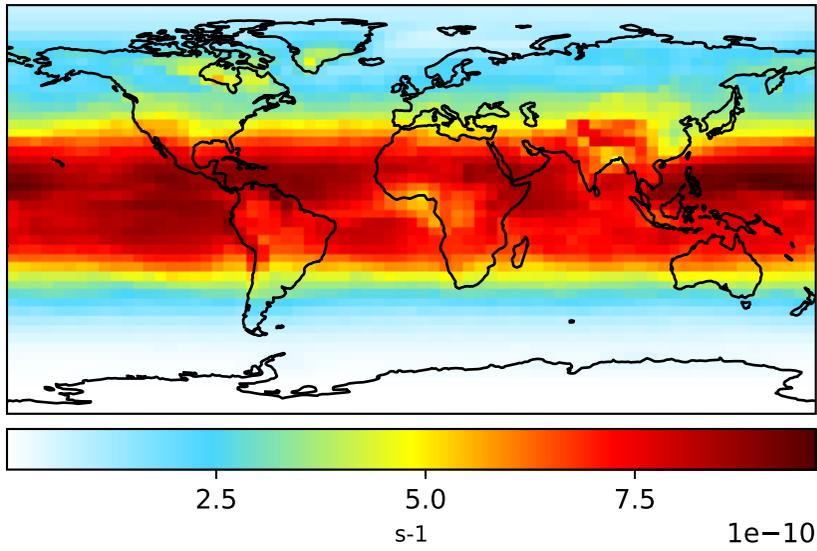Dev - Ref, Restricted Range [5%,95%]
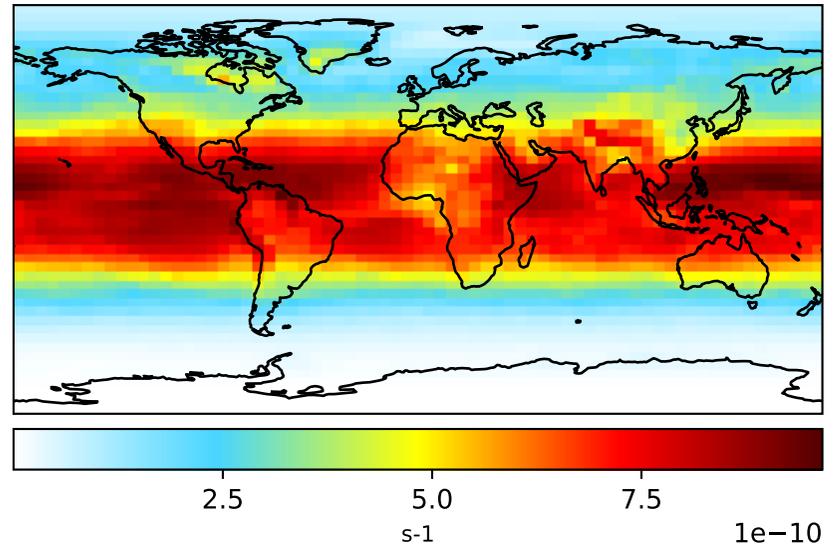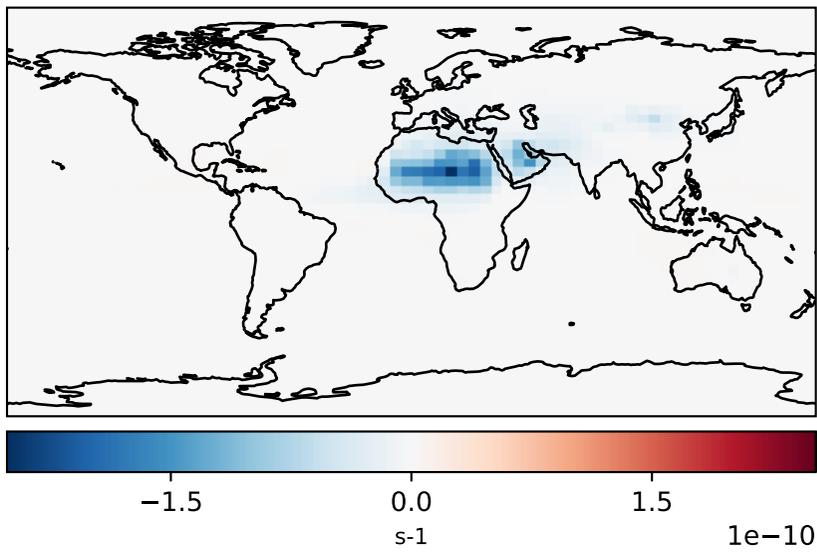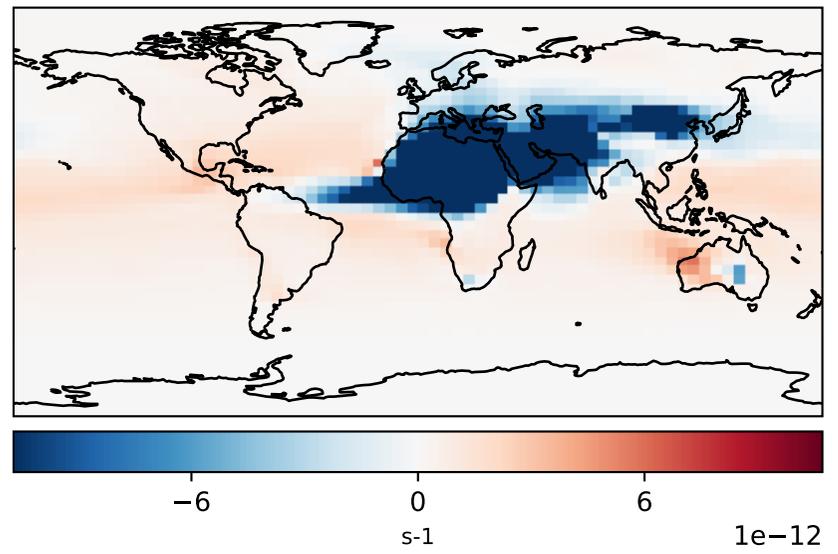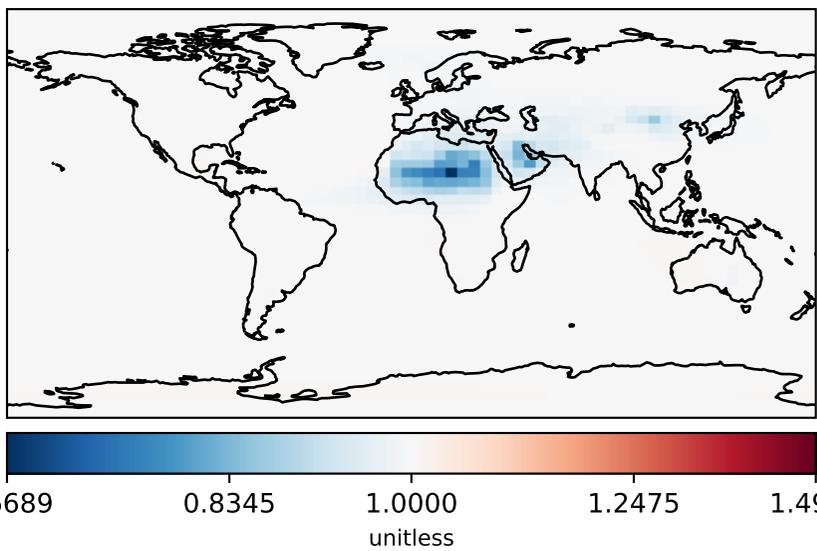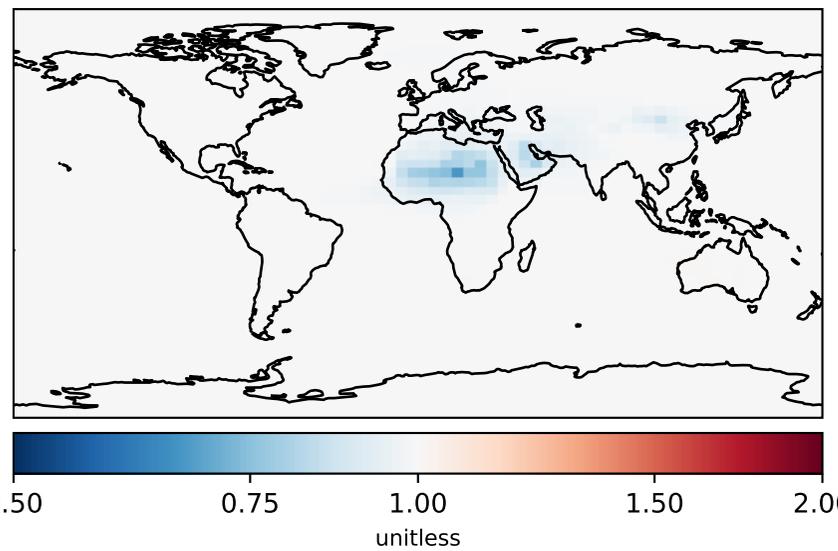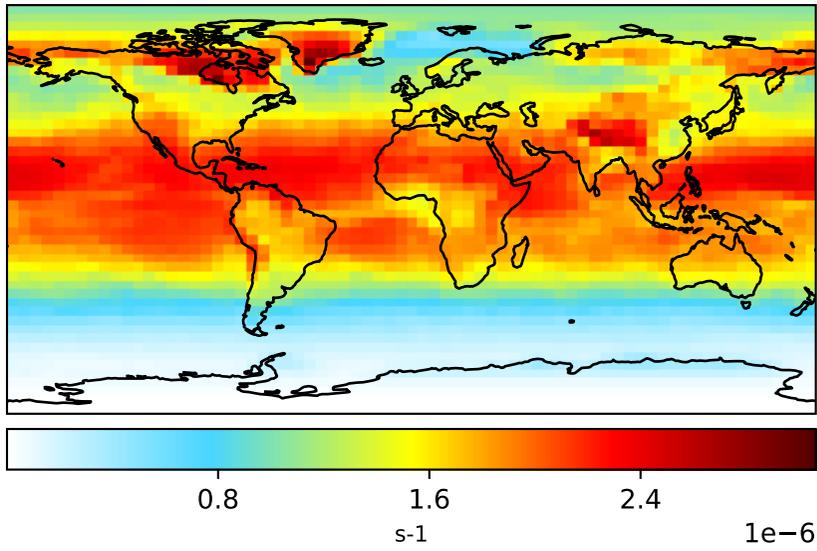
Ratio
Dev/Ref, Dynamic Range

Ratio
Dev/Ref, Fixed Range

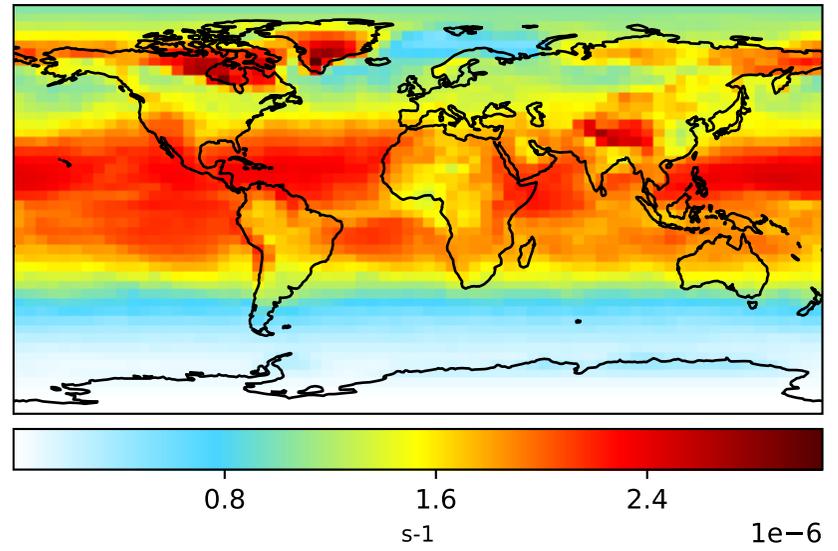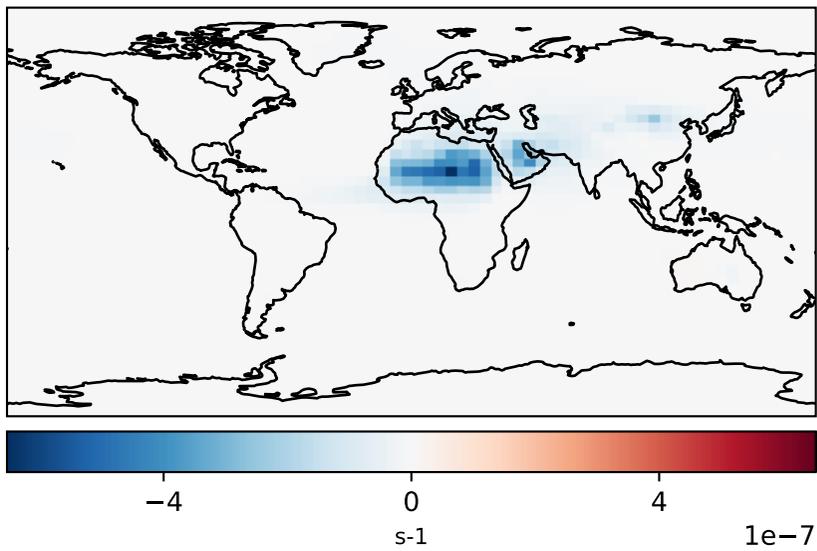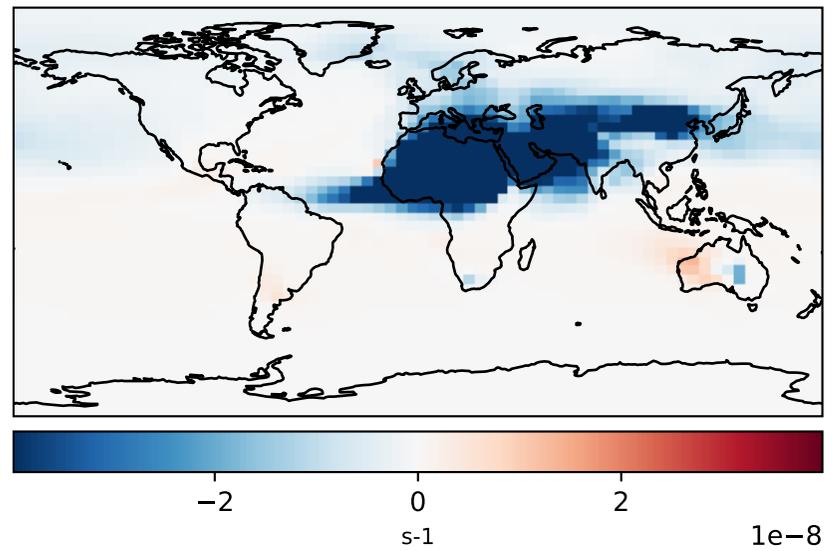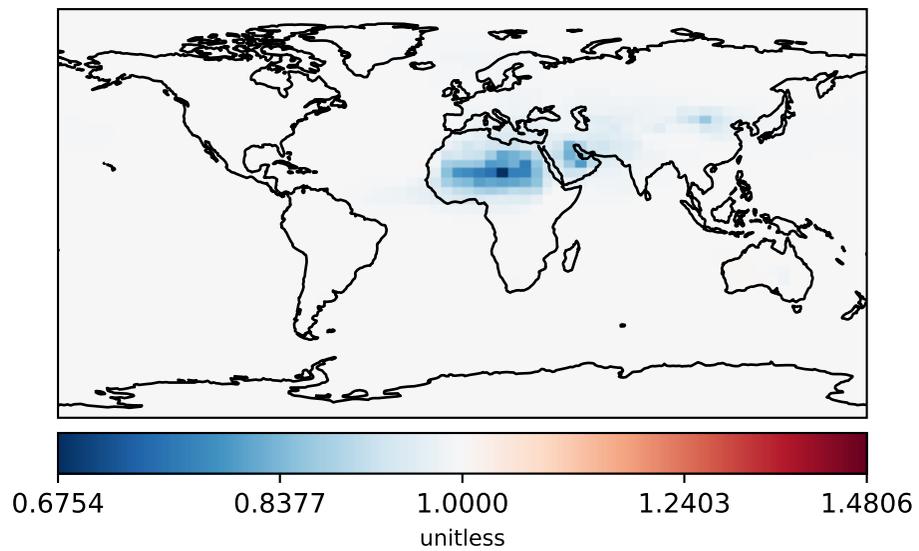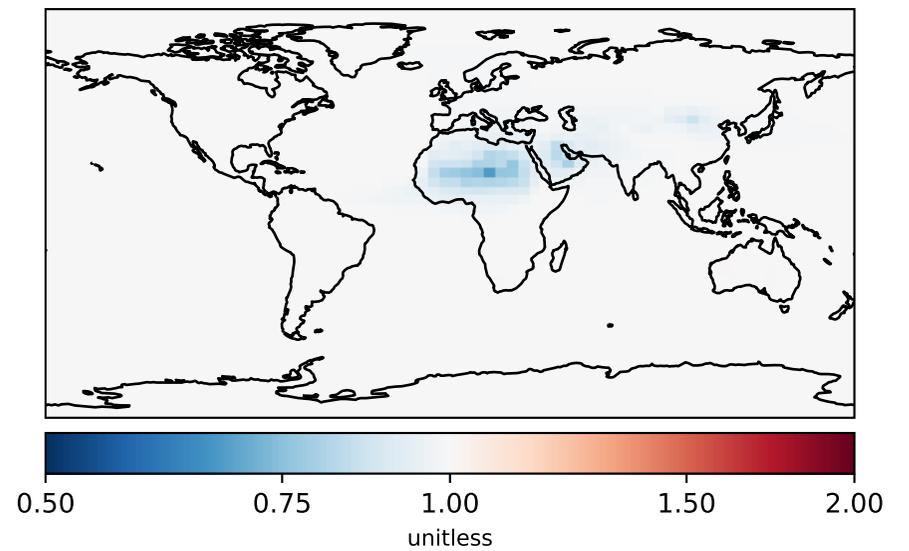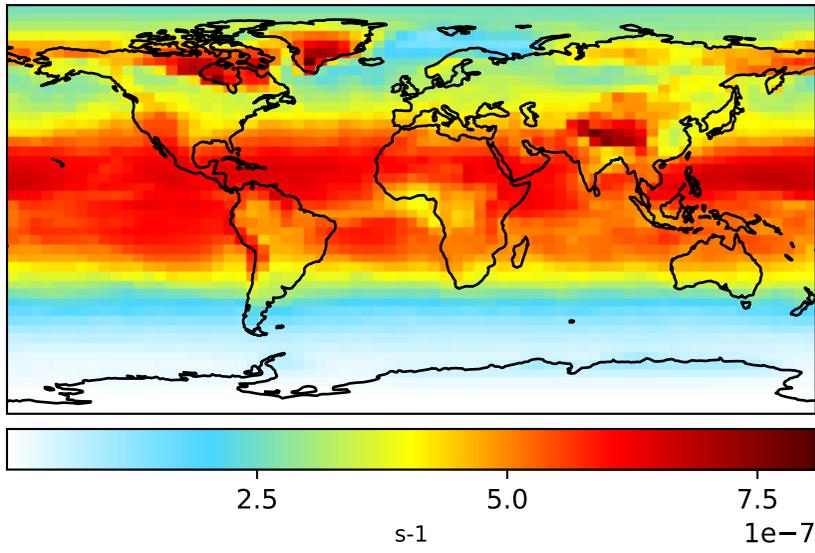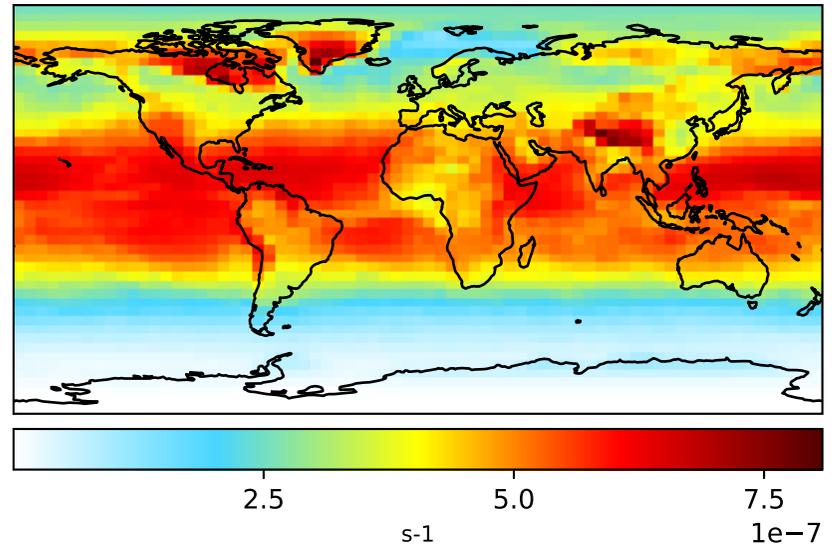# Jval_HCFC141b (Apr2019)

Jval_HCFC142b (Apr2019)

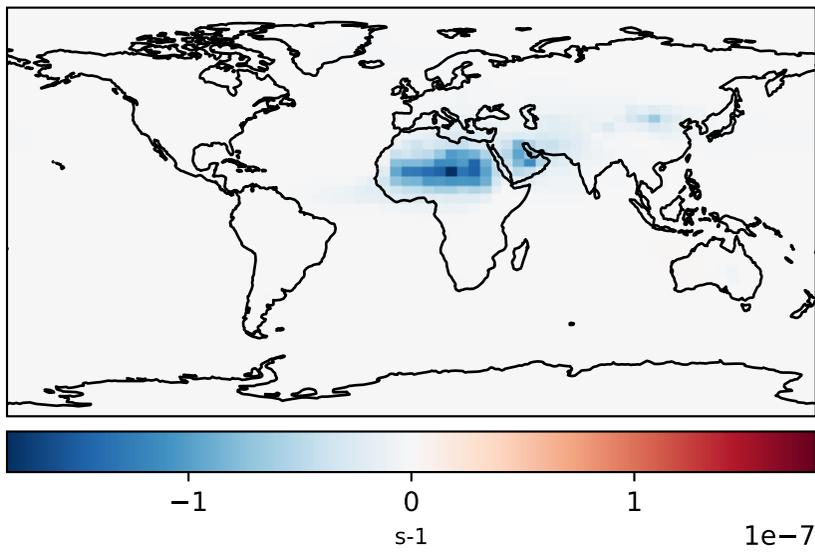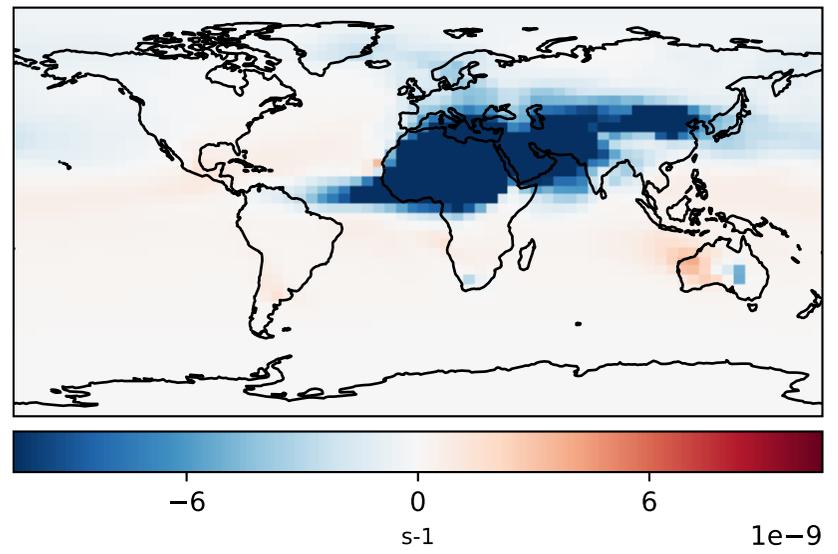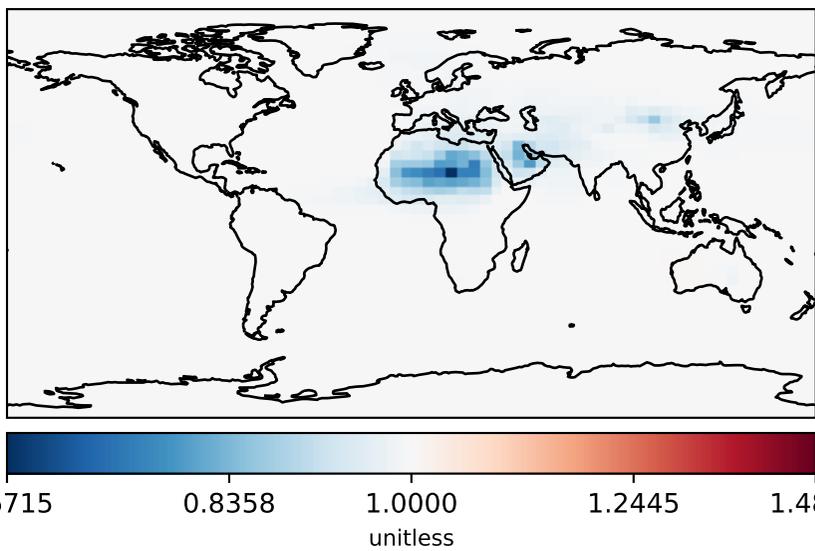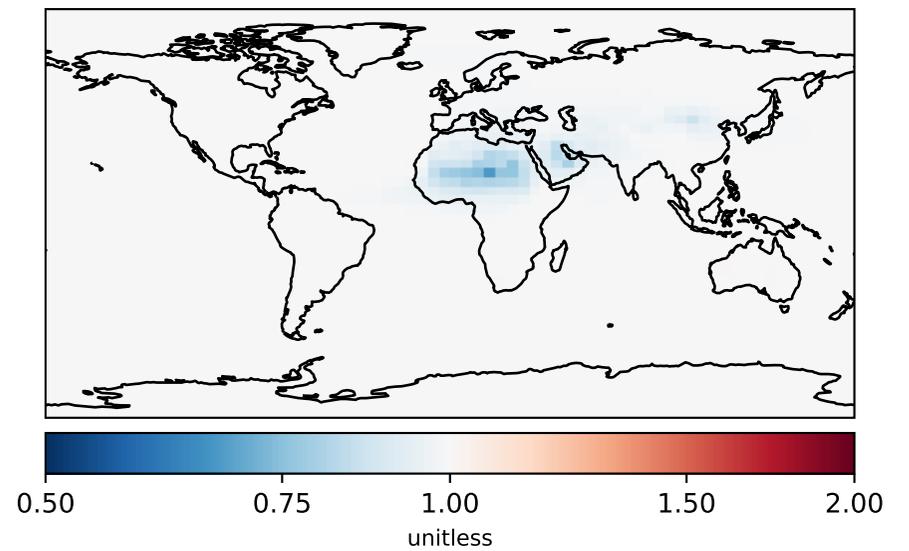# Jval_HCFC22 (Apr2019)

Jval_HMHP (Apr2019)

gcc.14.5.0-rc.0 (Ref)
4.0x5.0

gcc.14.7.0-rc.0 (Dev)
4.0x5.0

Difference
Dev - Ref, Dynamic Range

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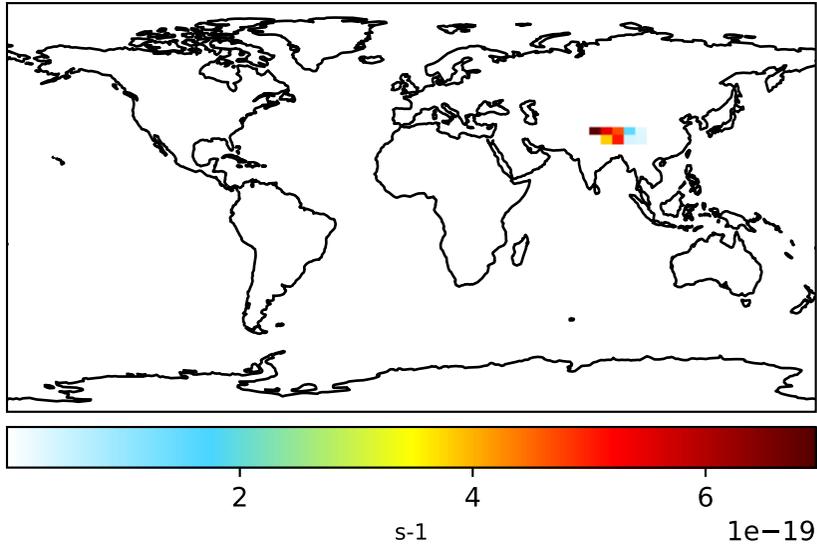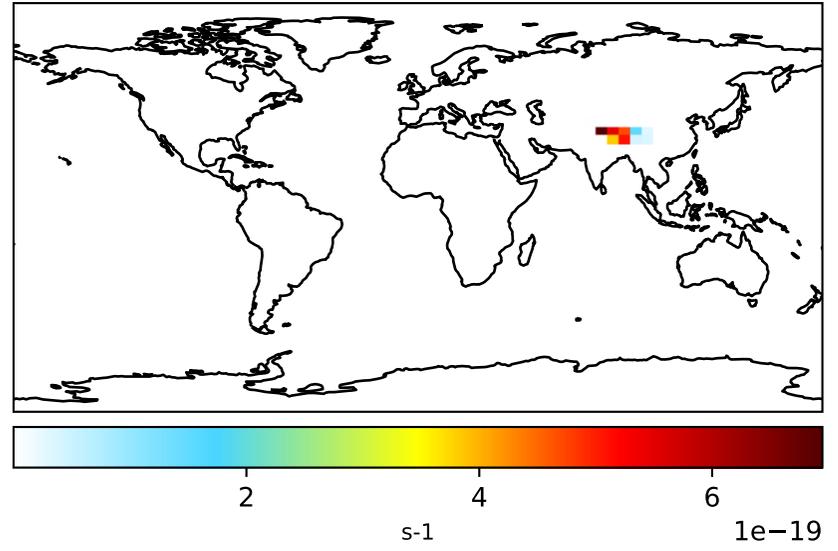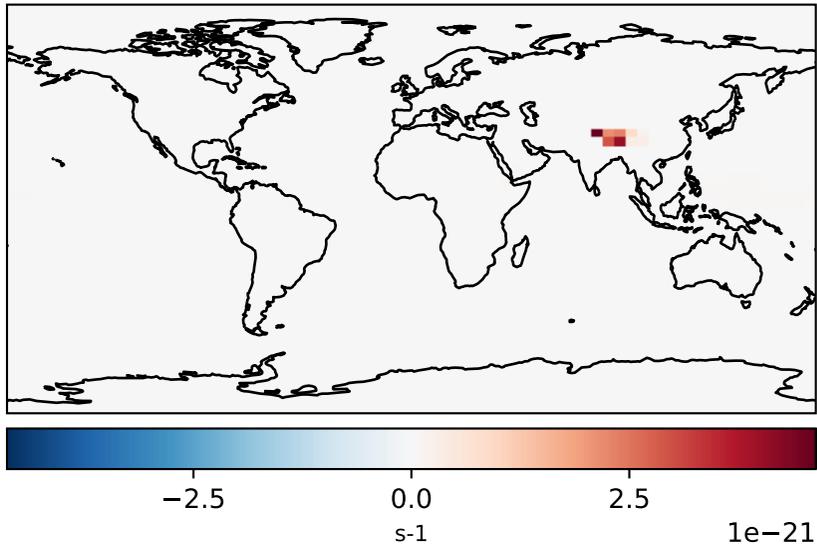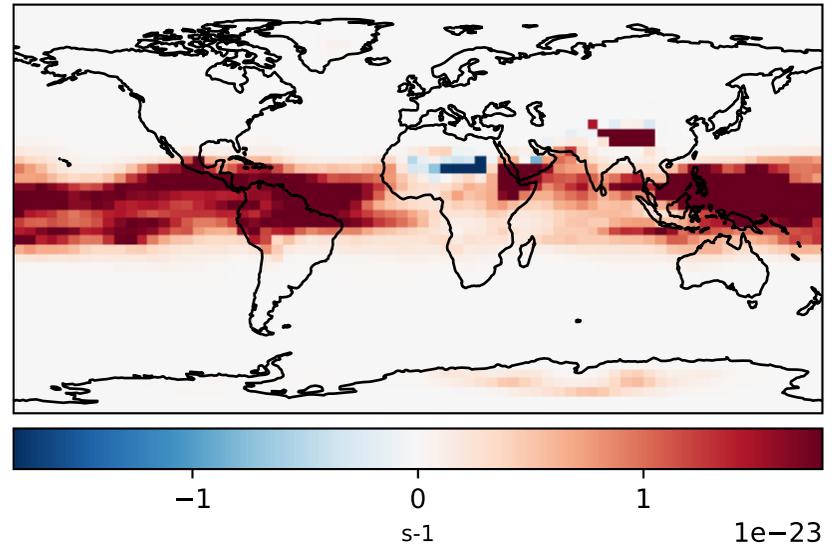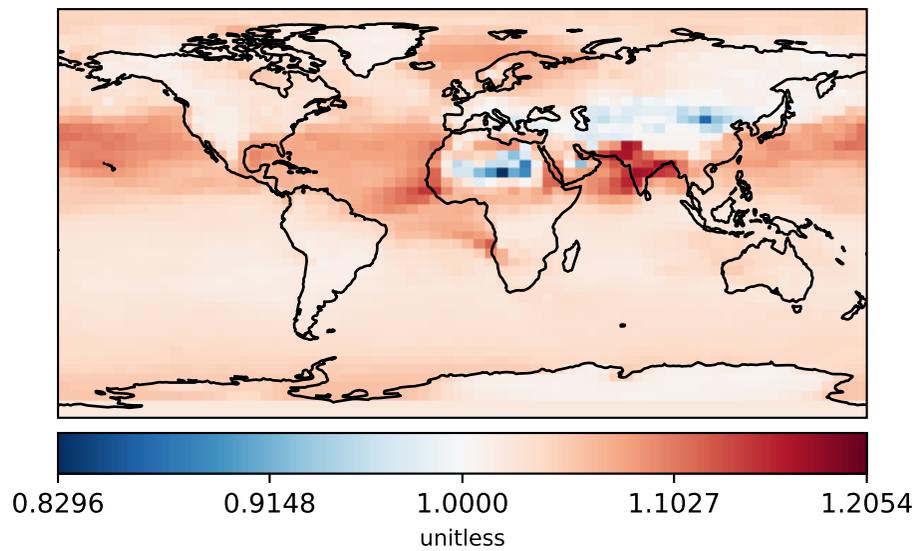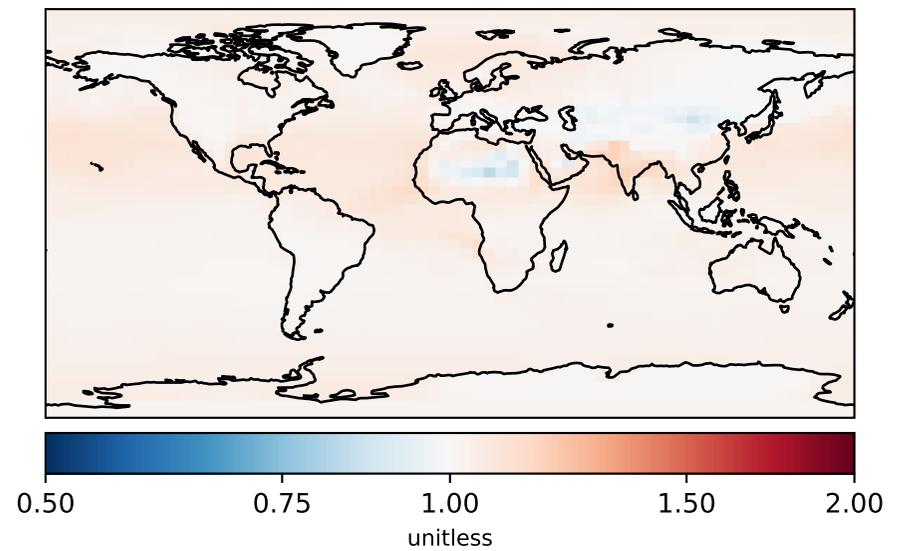Dev - Ref, Restricted Range [5%,95%]

Ratio
Dev/Ref, Dynamic Range

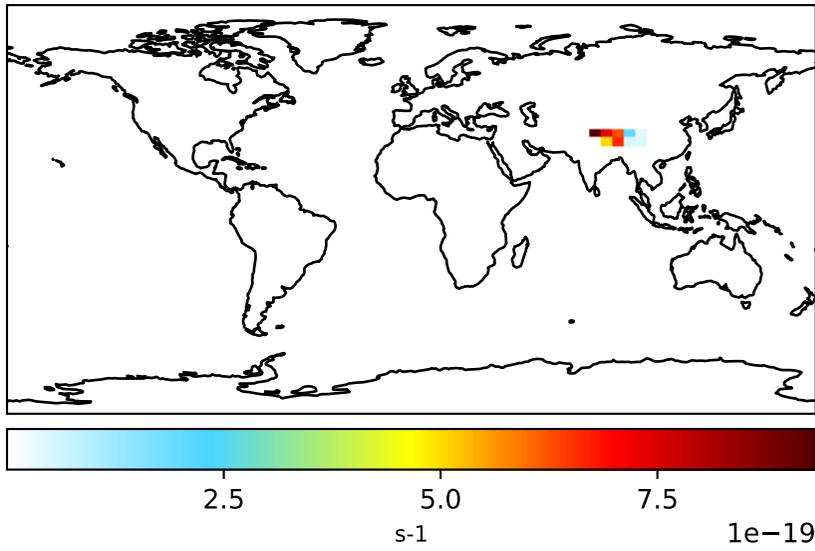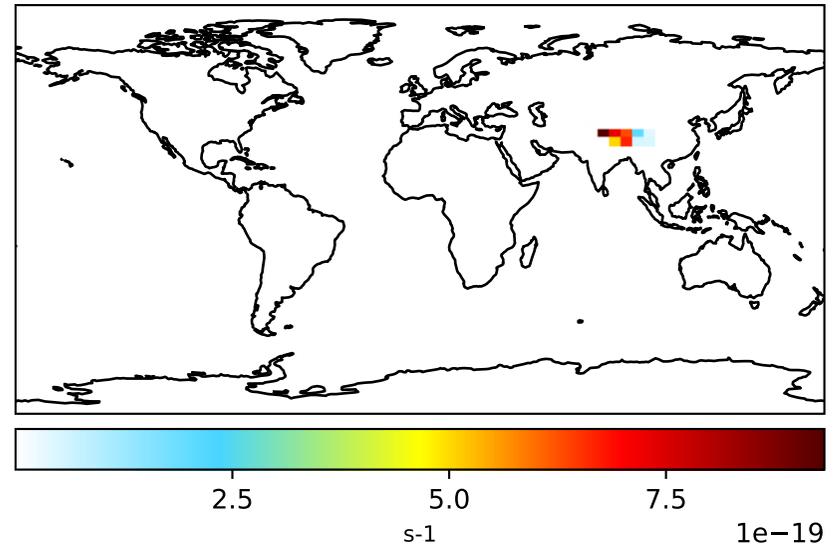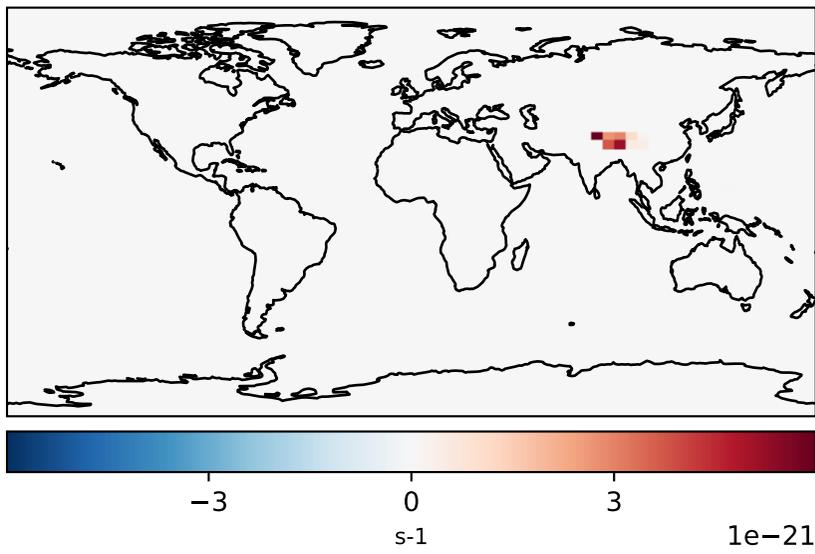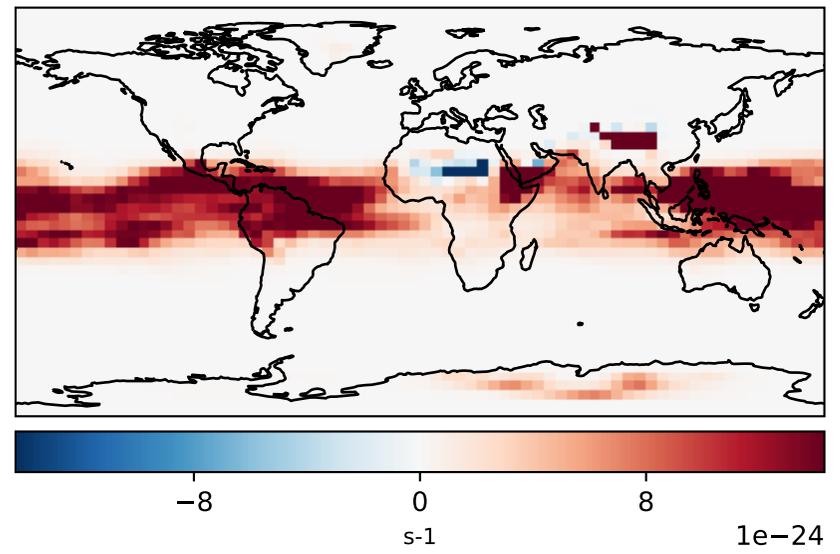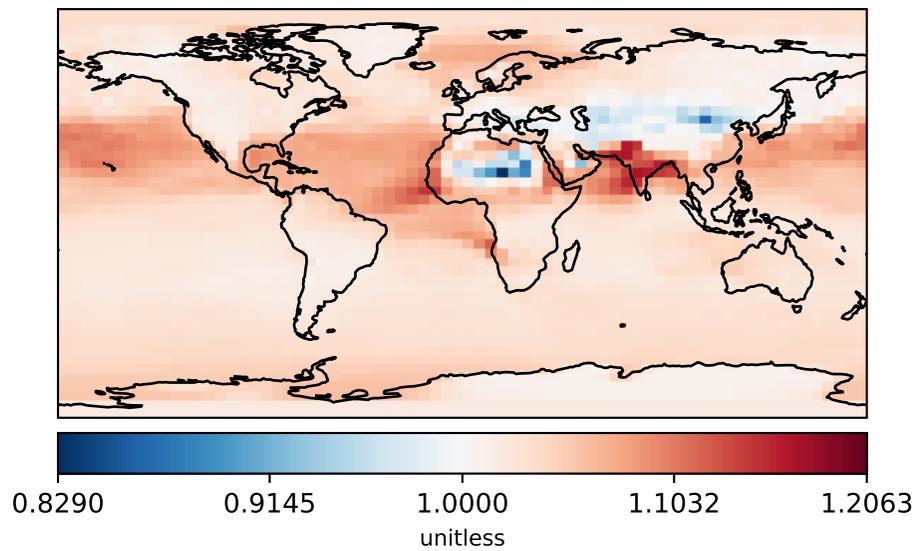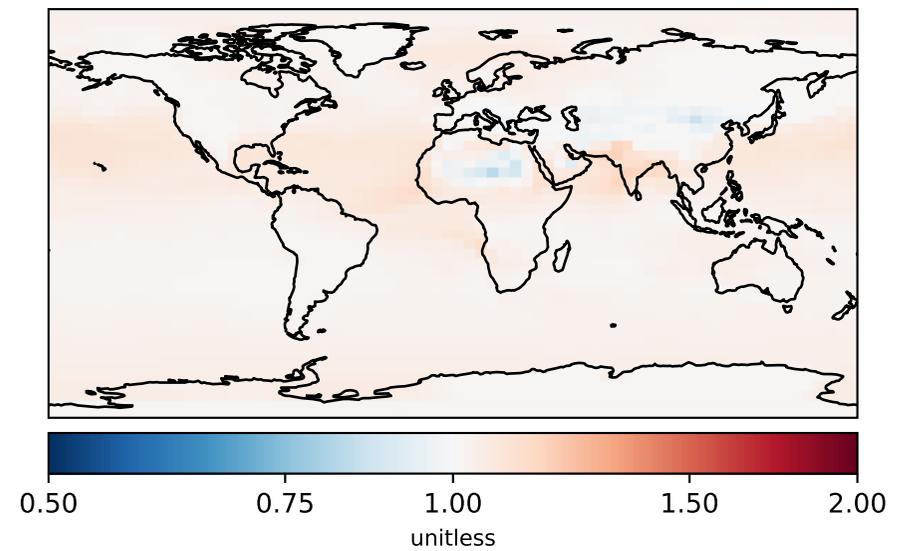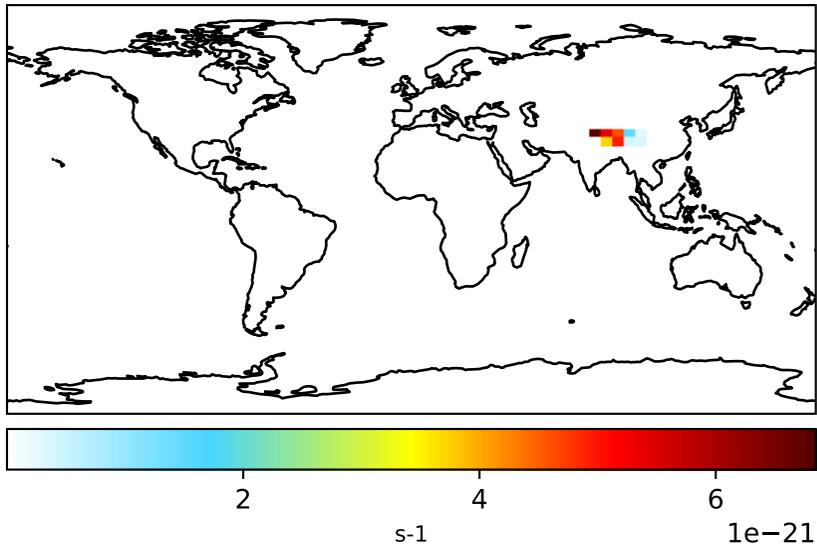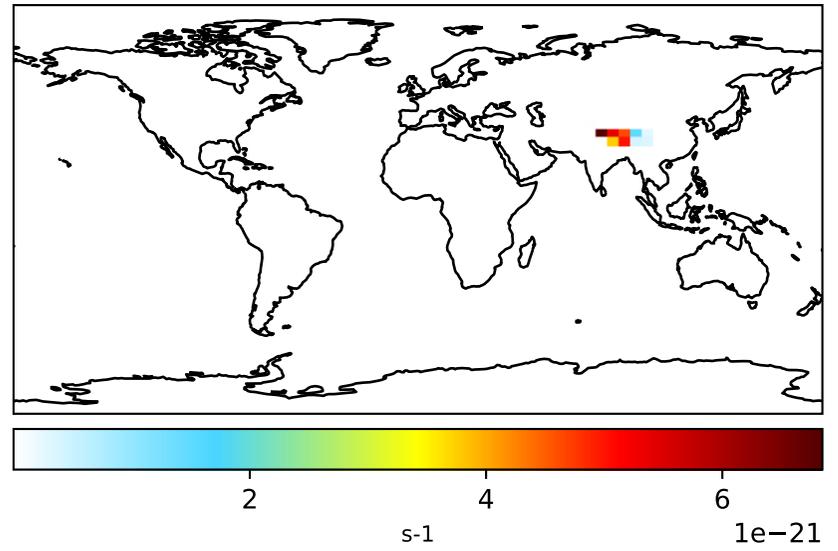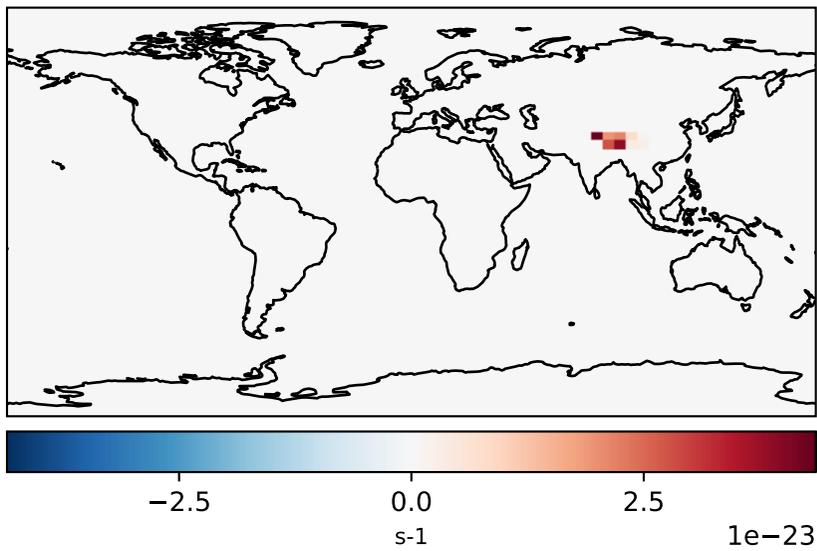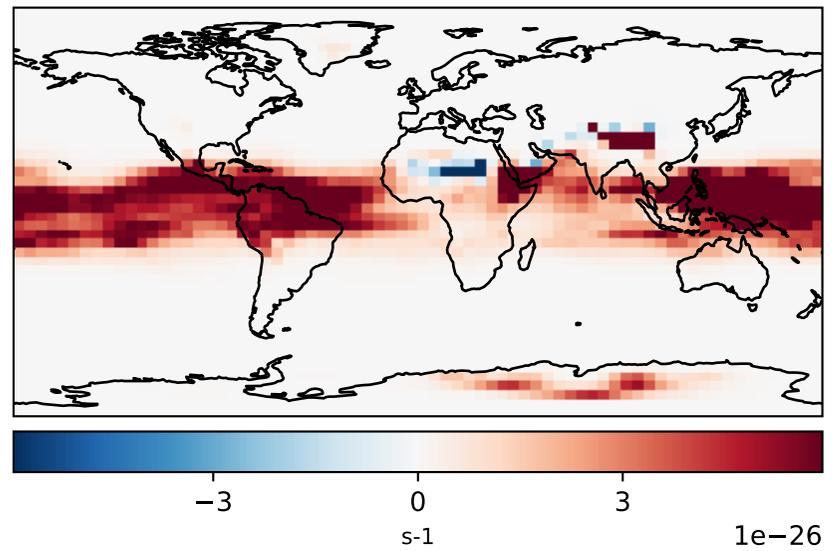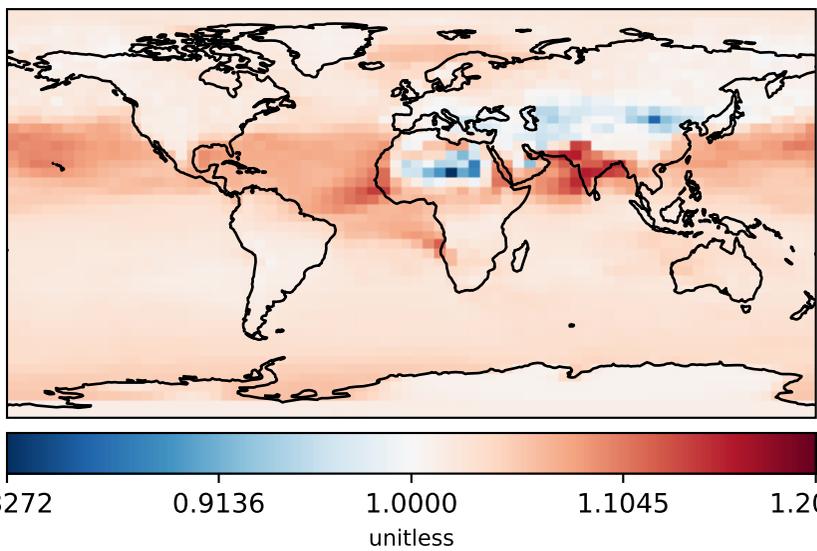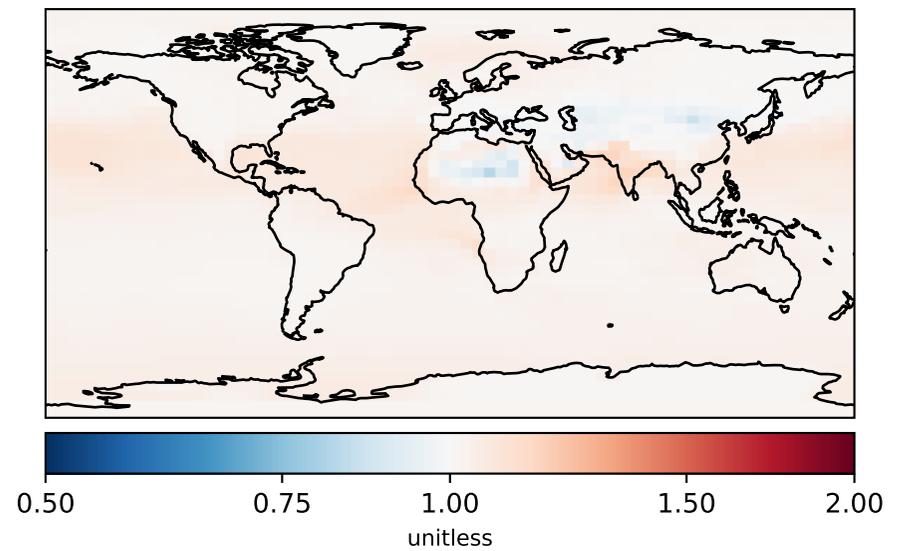Ratio
Dev/Ref, Fixed Range

Jval_HNO2 (Apr2019)

Jval_HNO3 (Apr2019)

gcc.14.5.0-rc.0 (Ref)
4.0x5.0

gcc.14.7.0-rc.0 (Dev)
4.0x5.0

Difference
Dev - Ref, Dynamic Range

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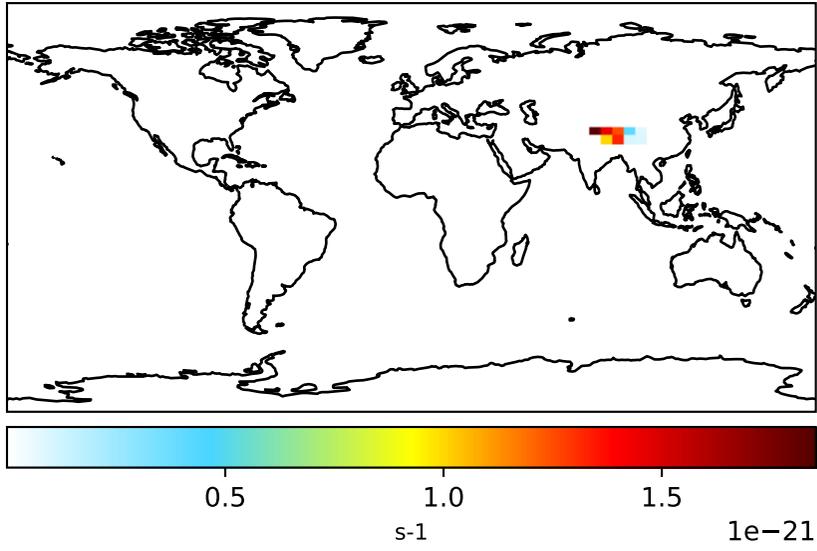Dev - Ref, Restricted Range [5%,95%]
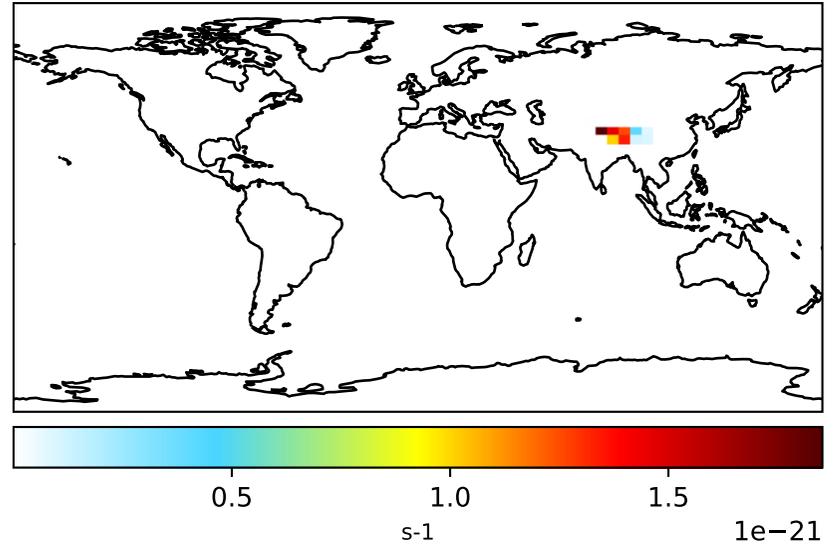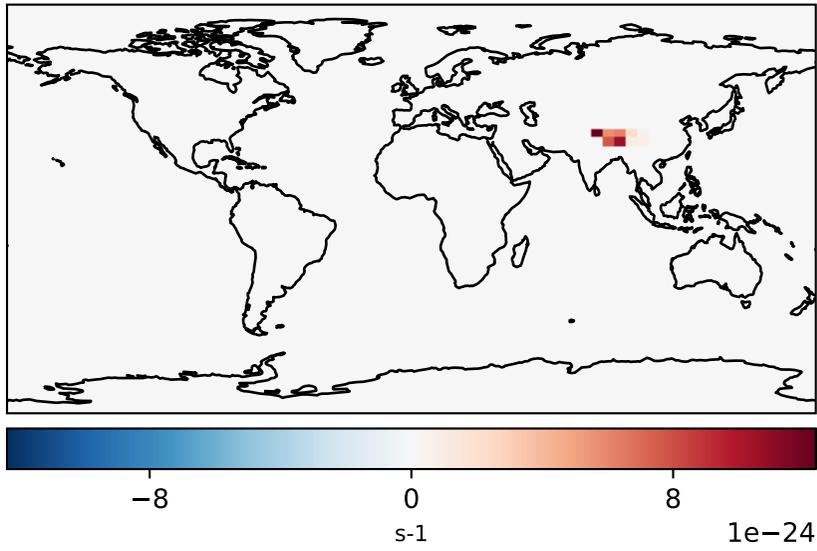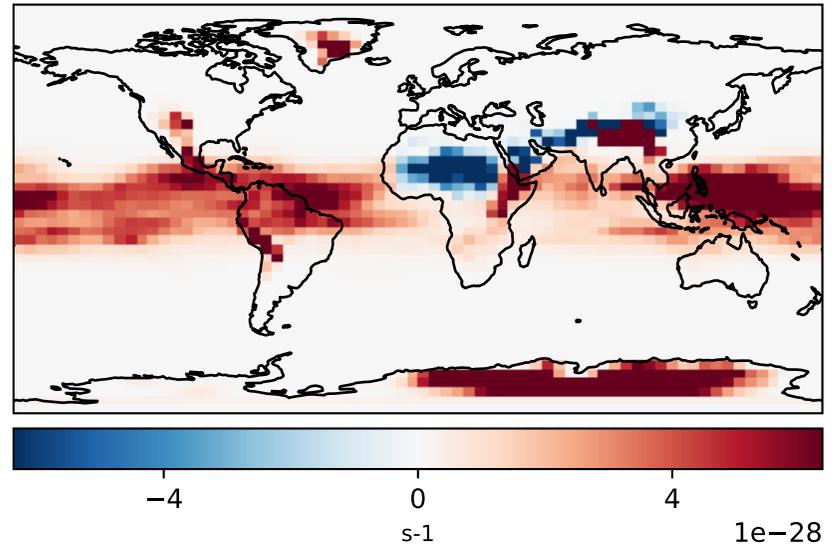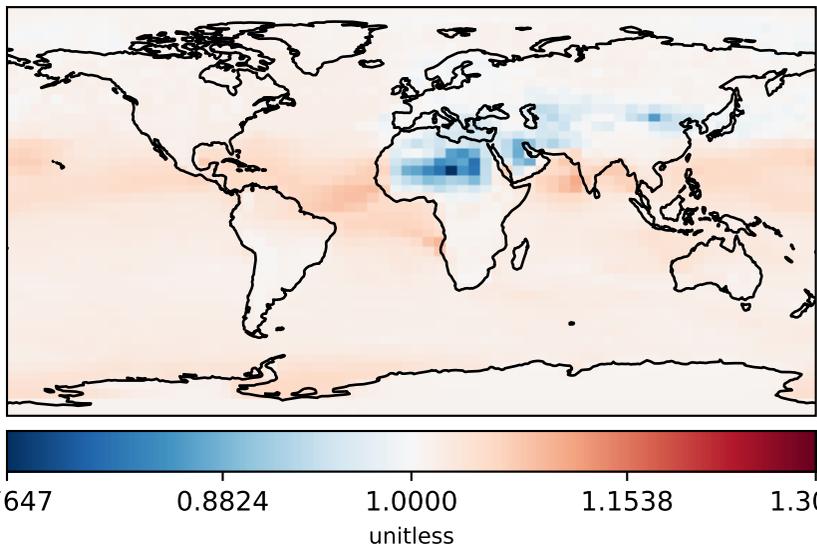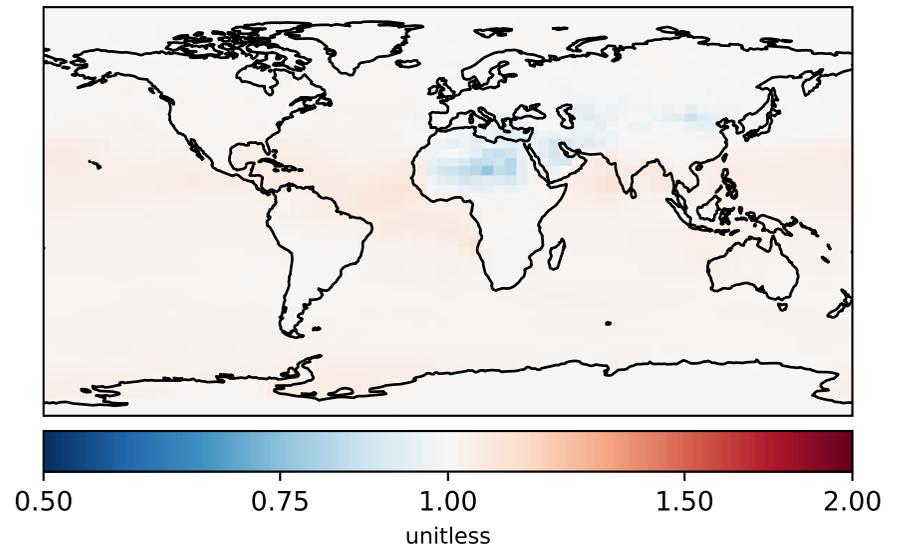
Ratio
Dev/Ref, Dynamic Range

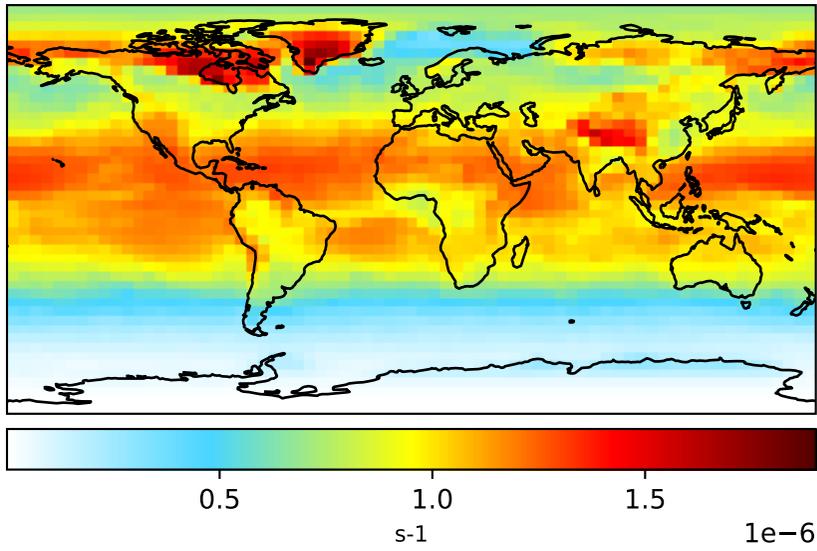Ratio
Dev/Ref, Fixed Range

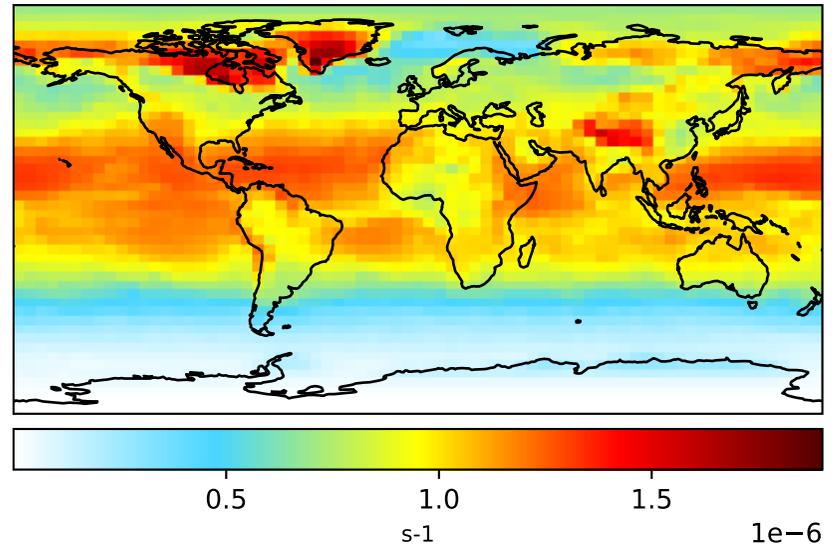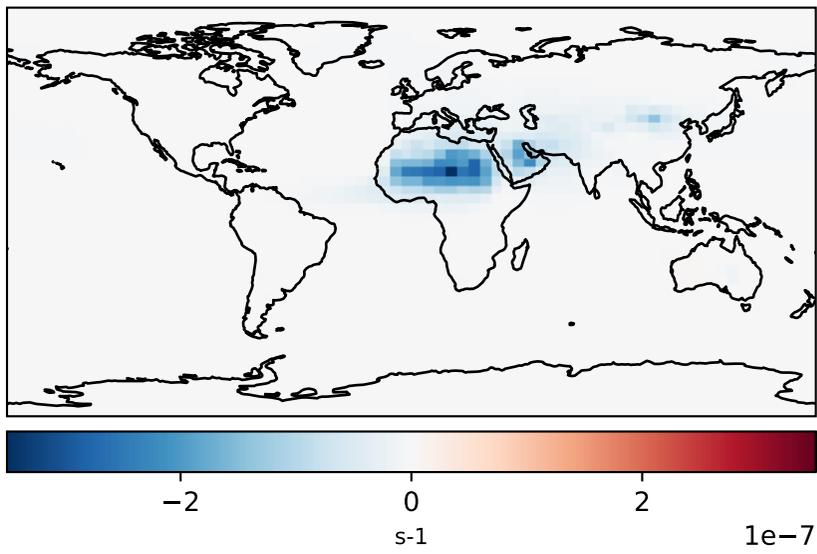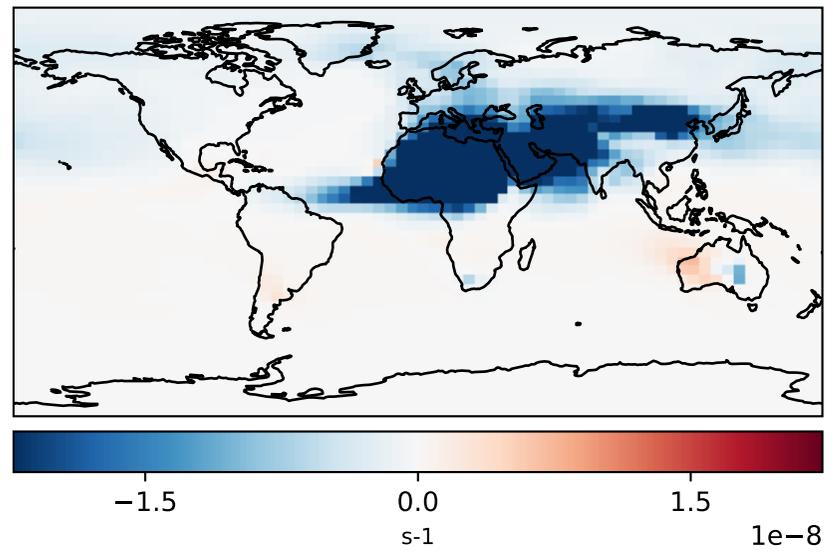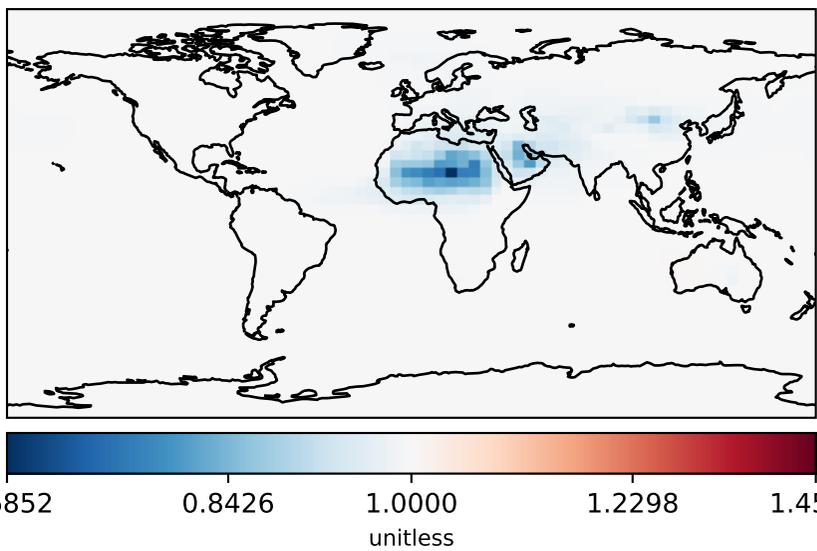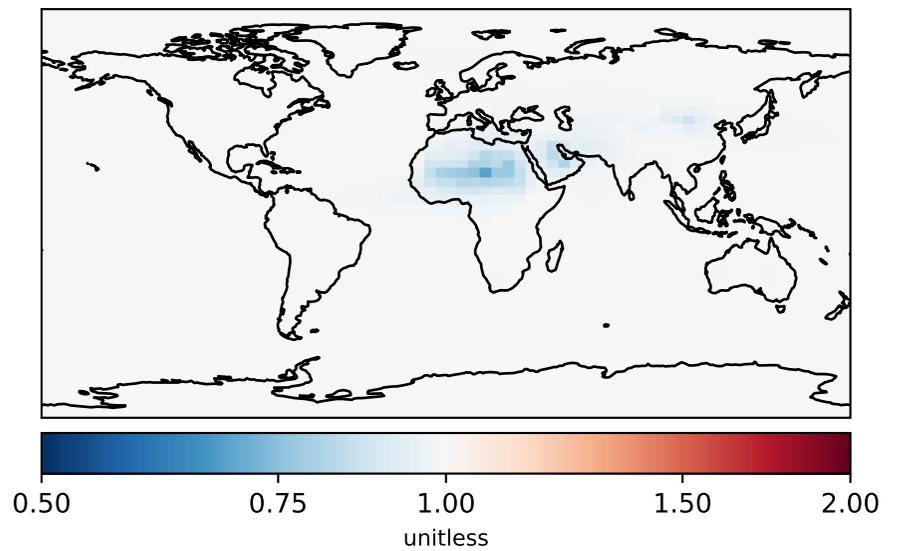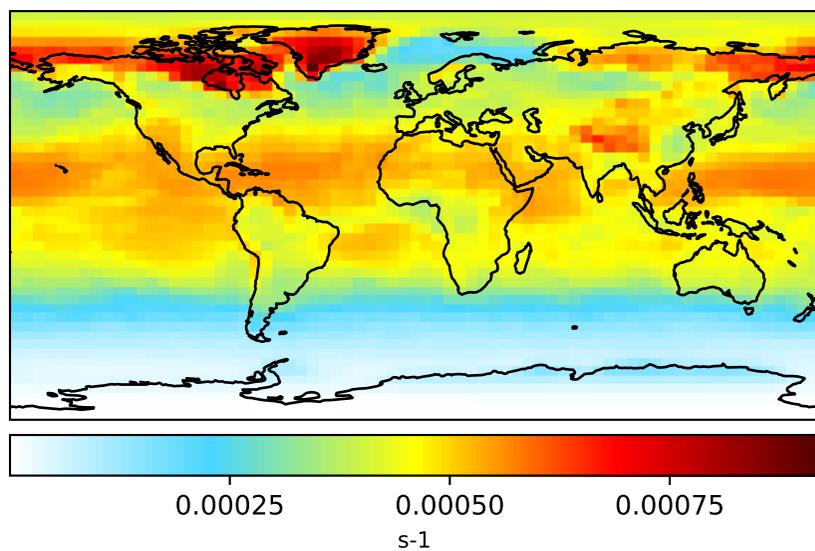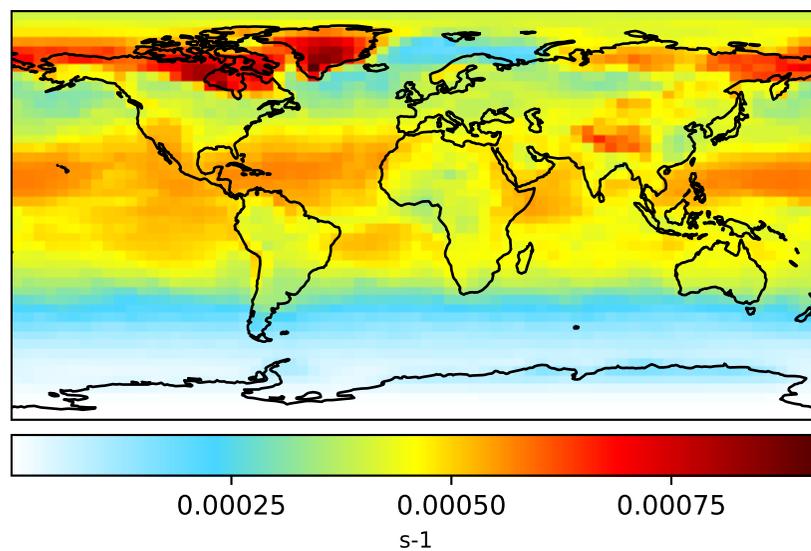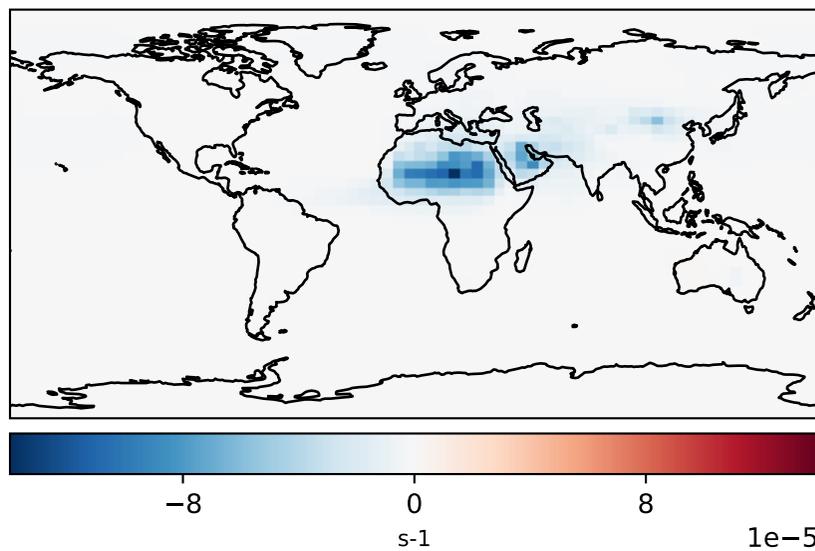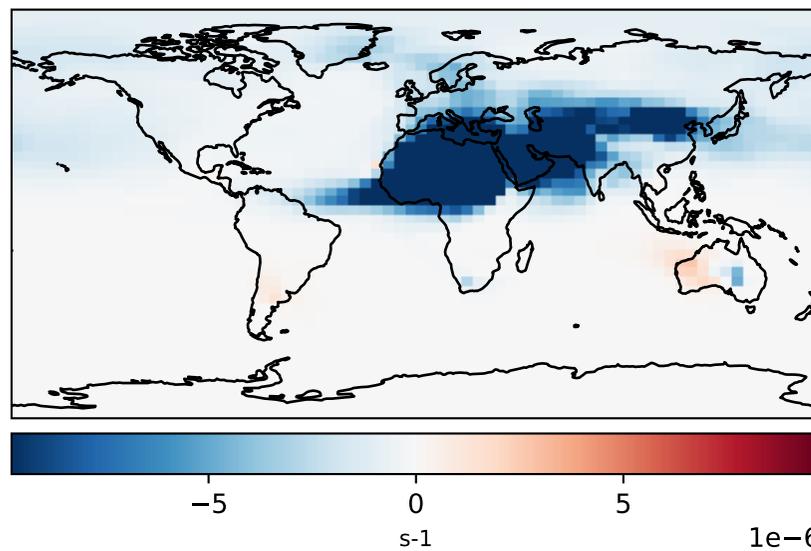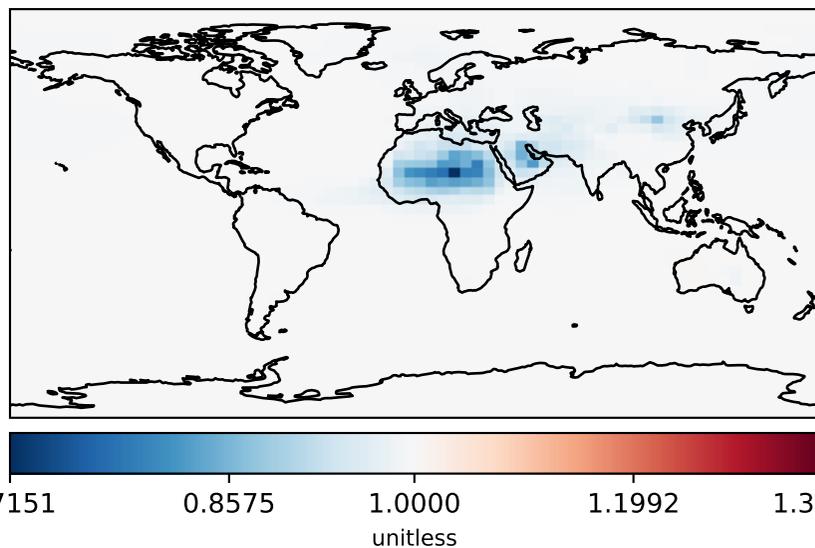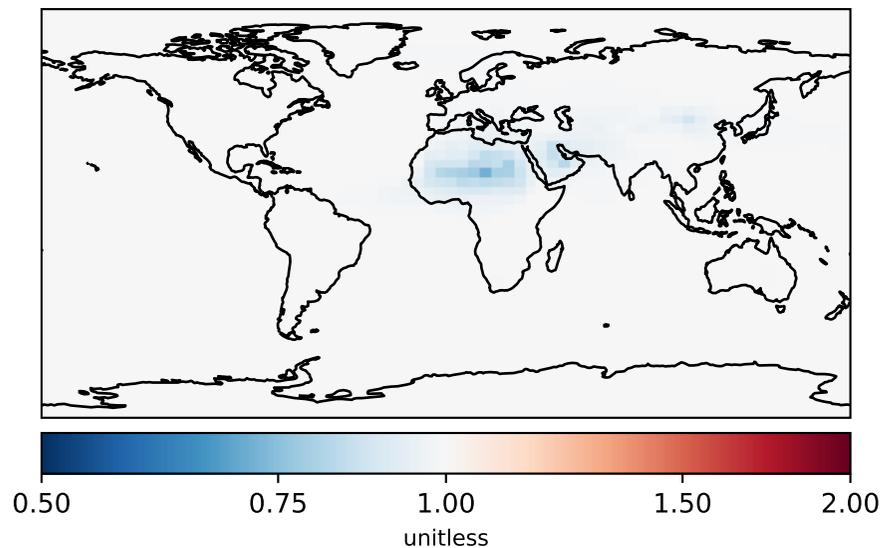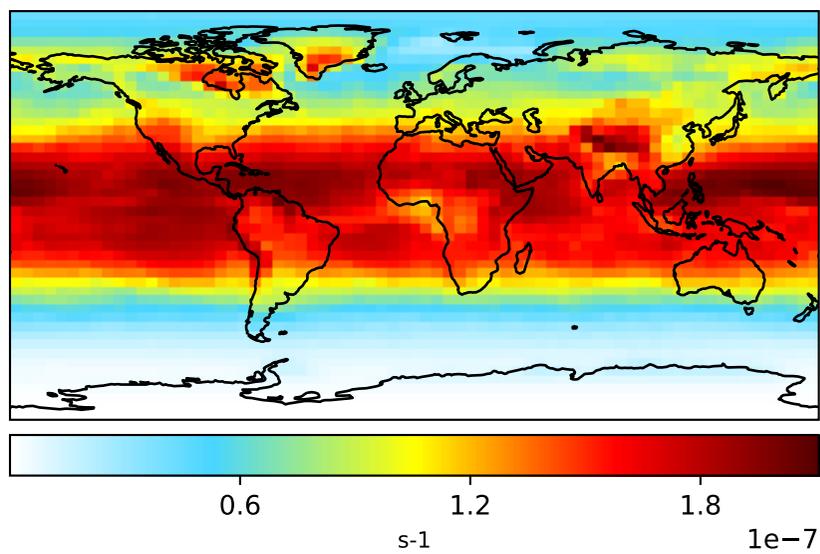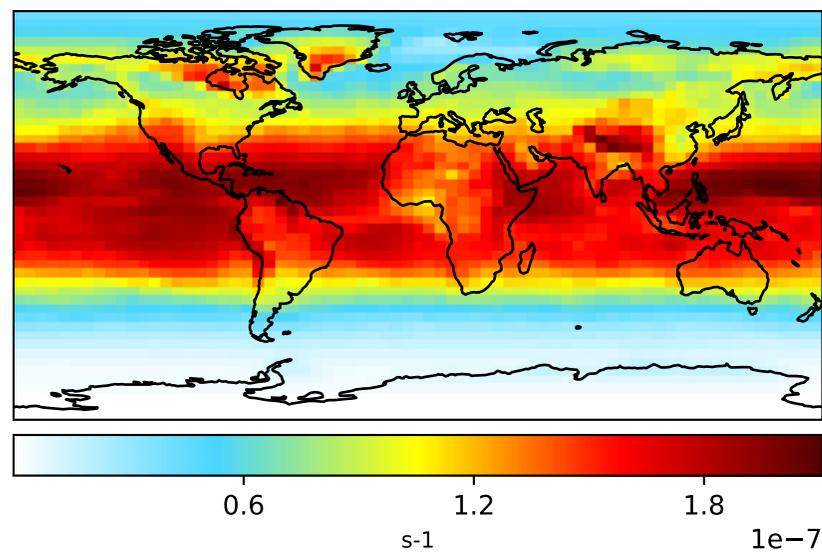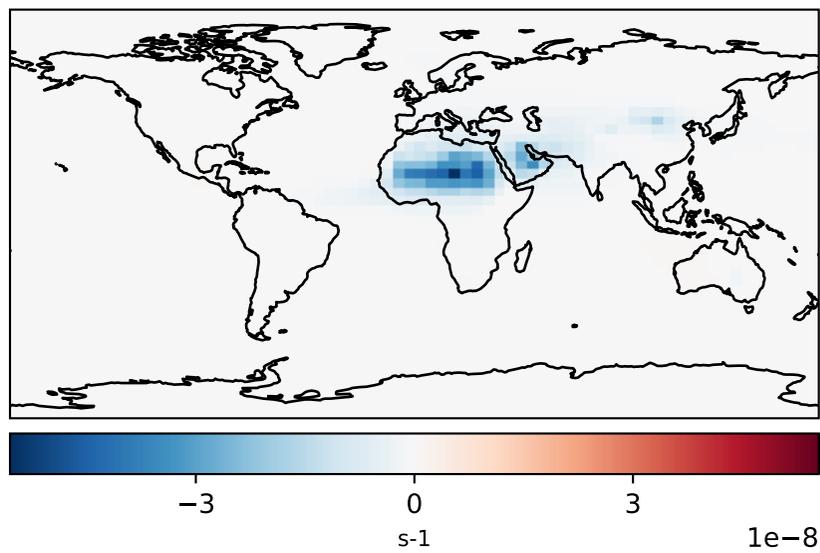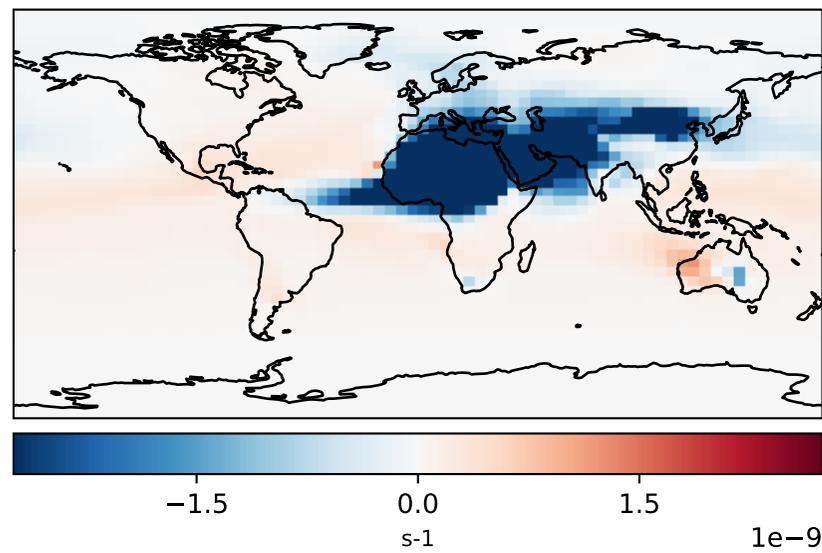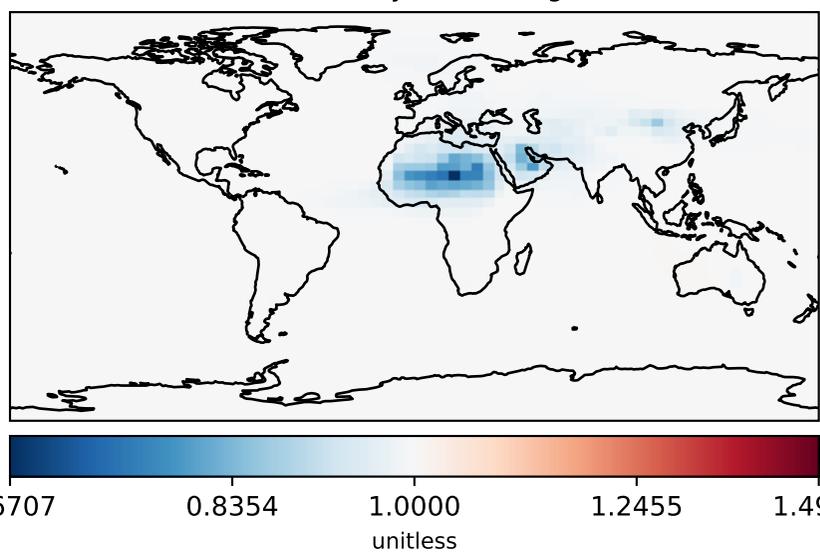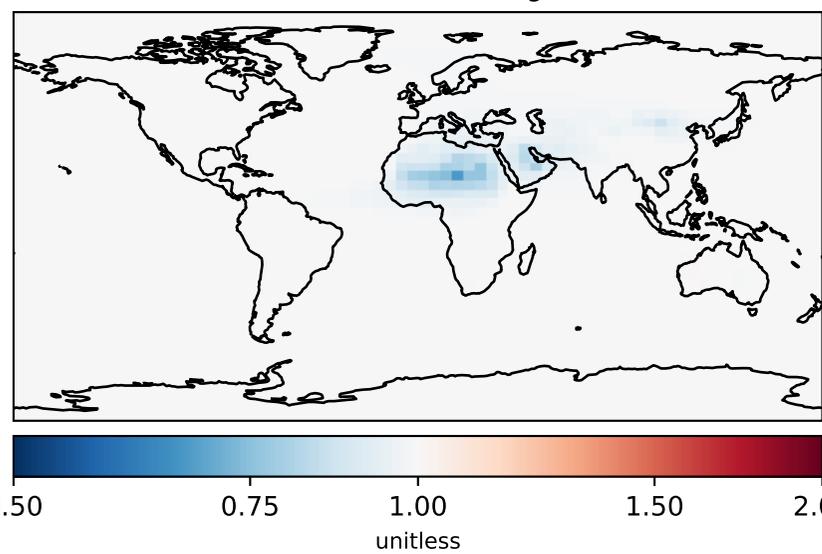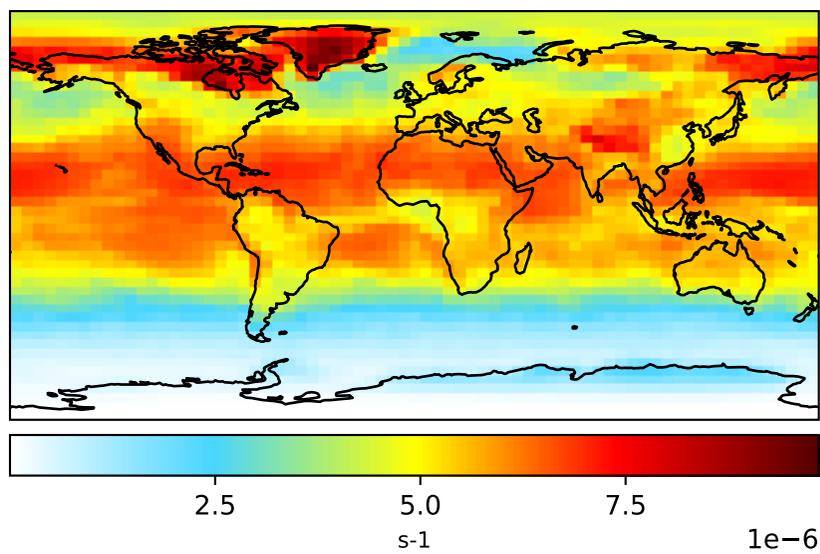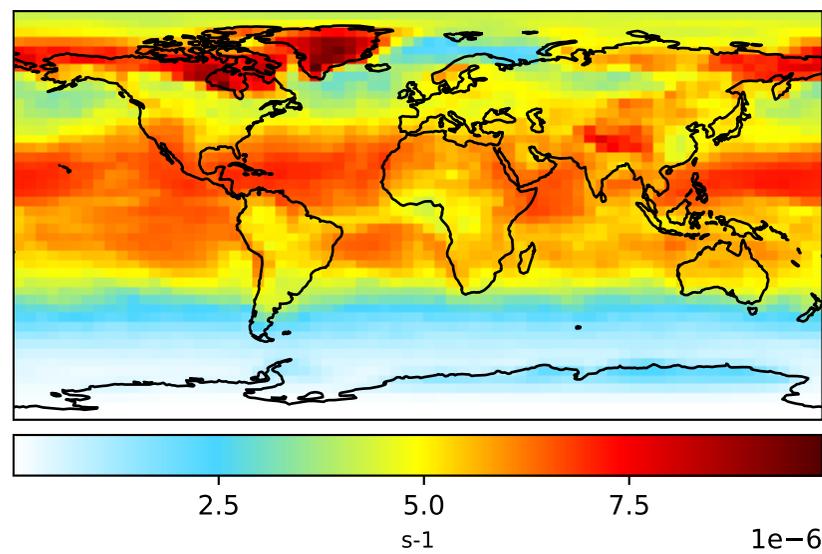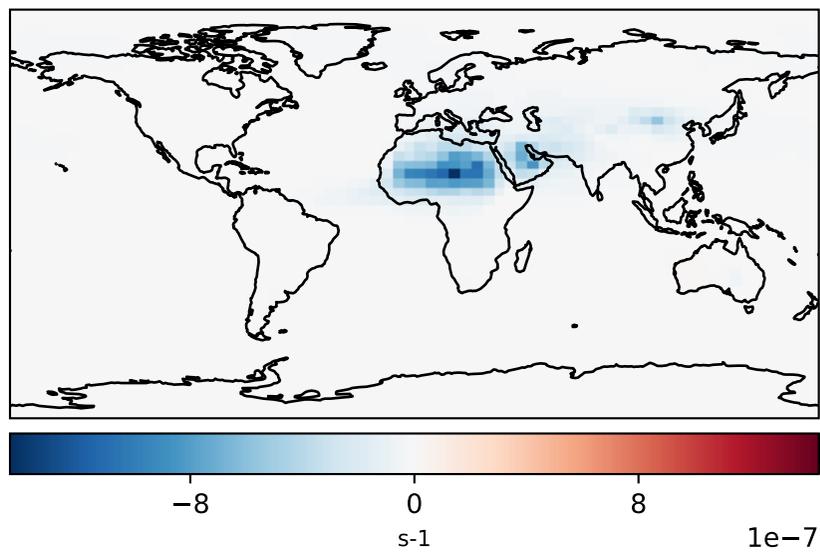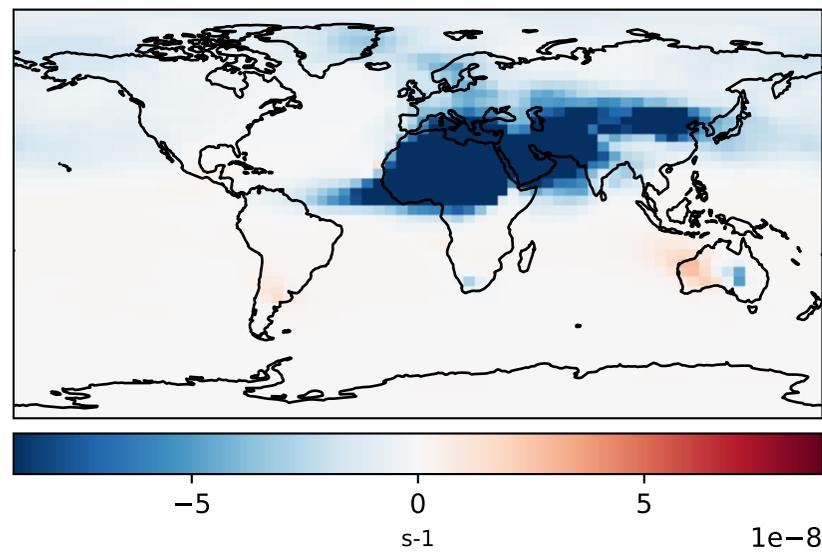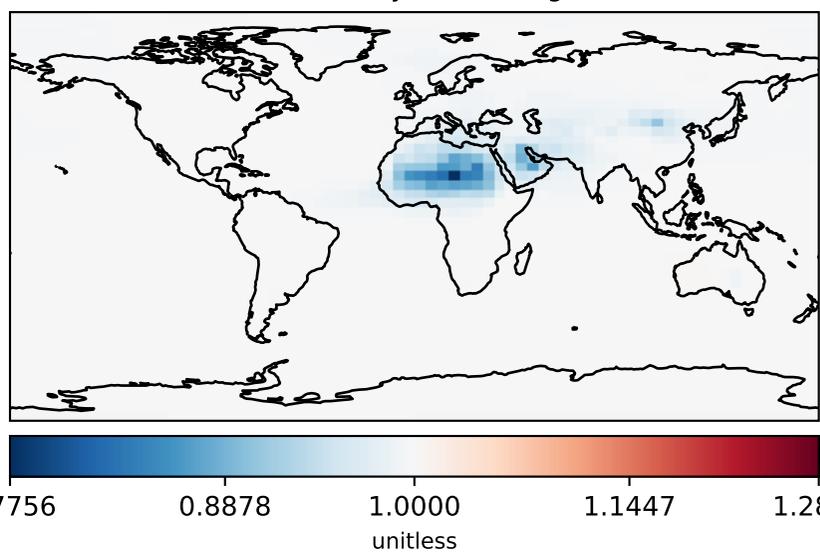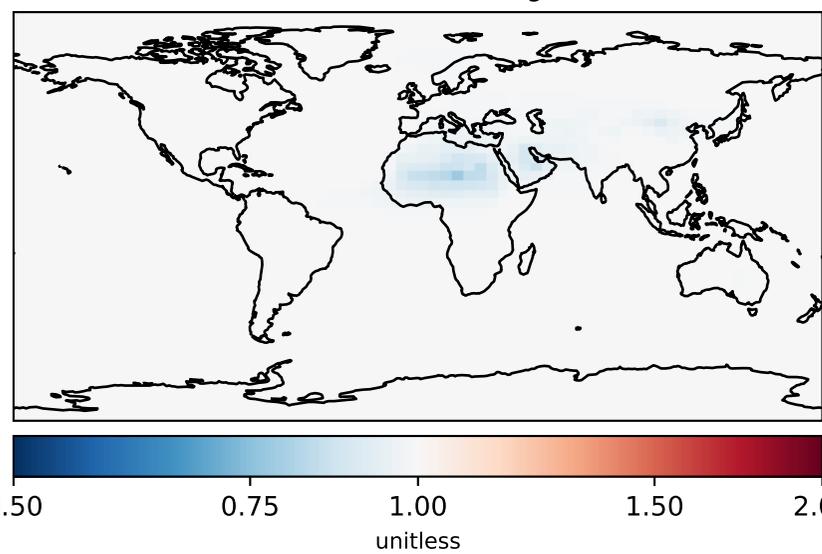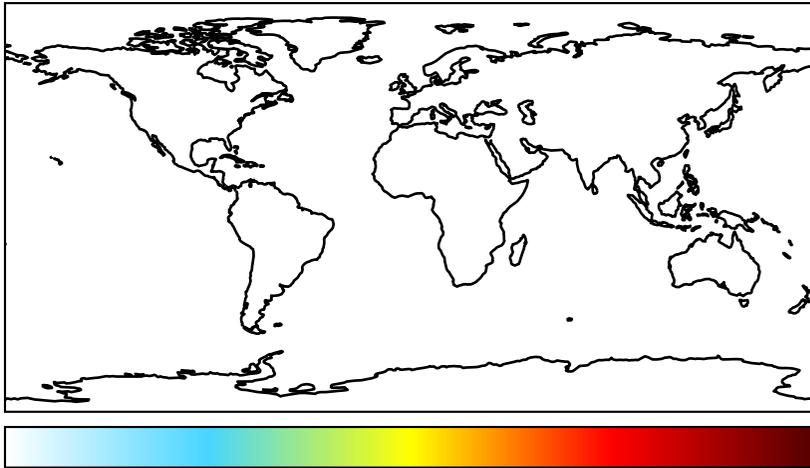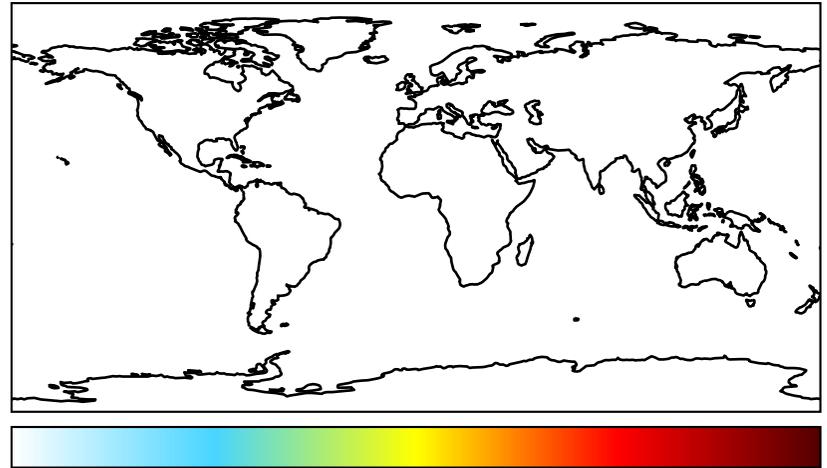Jval_HNO4 (Apr2019)

Jval_HO2 (Apr2019)

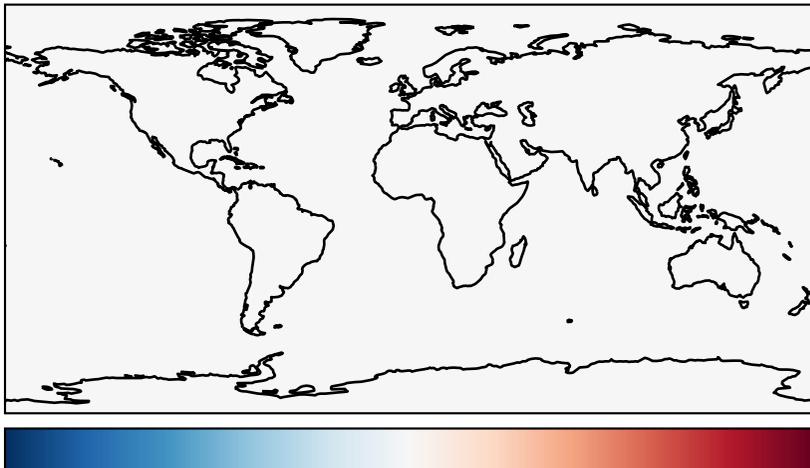gcc.14.5.0-rc.0 (Ref)
4.0x5.0

gcc.14.7.0-rc.0 (Dev)
4.0x5.0

Zero throughout domain
s-1
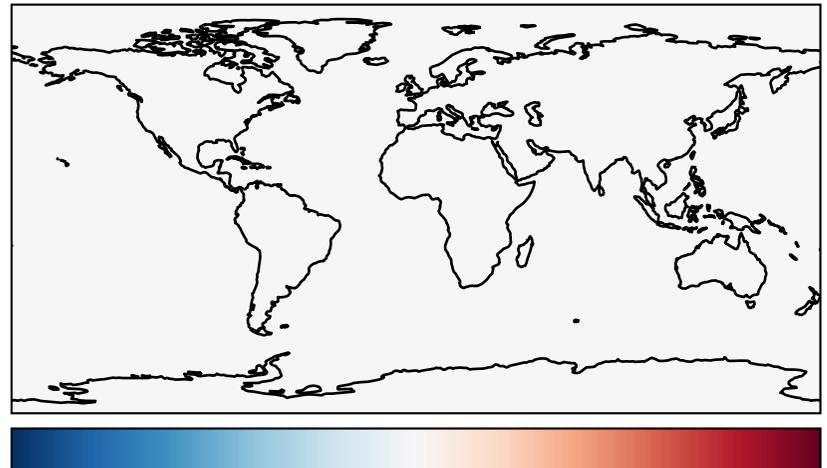
Zero throughout domain
s-1

Difference
Dev - Ref, Dynamic Range

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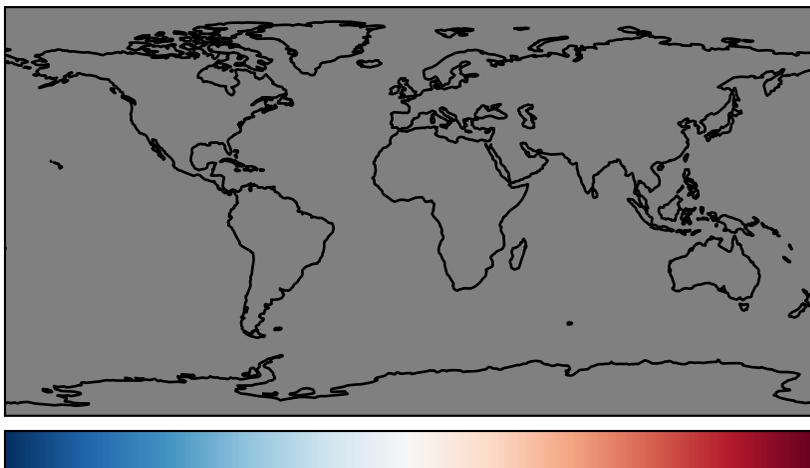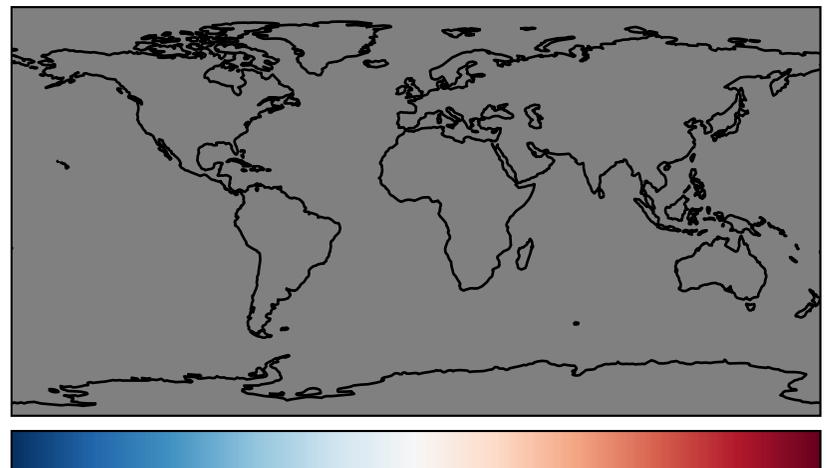Dev - Ref, Restricted Range [5%,95%]

Zero throughout domain
s-1

Zero throughout domain
s-1

Ratio
Dev/Ref, Dynamic Range

Ratio
Dev/Ref, Fixed Range

Undefined throughout domain
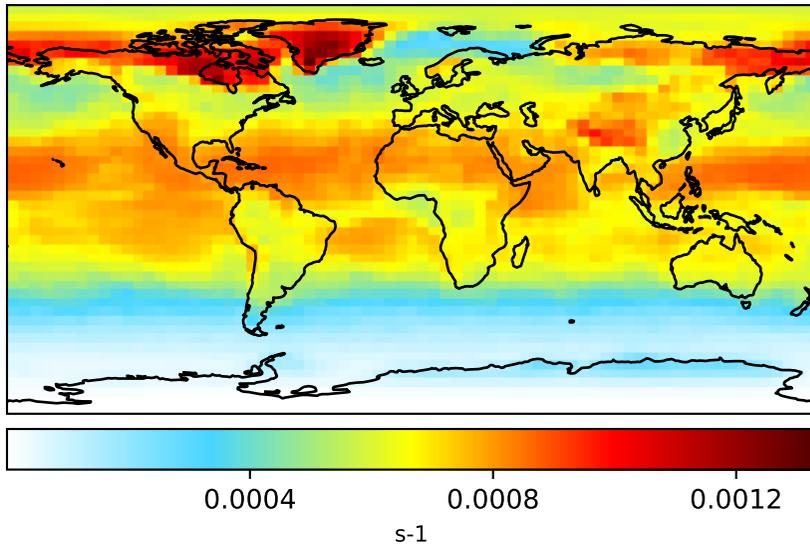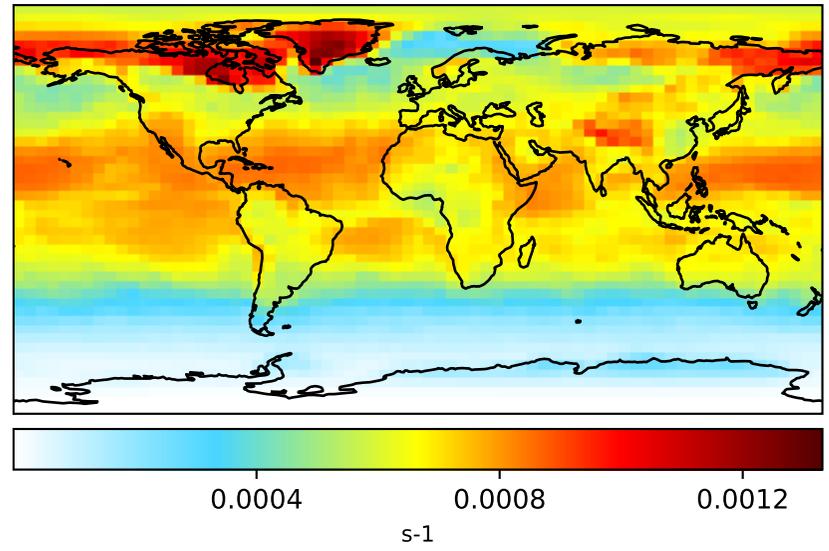unitless

Undefined throughout domain
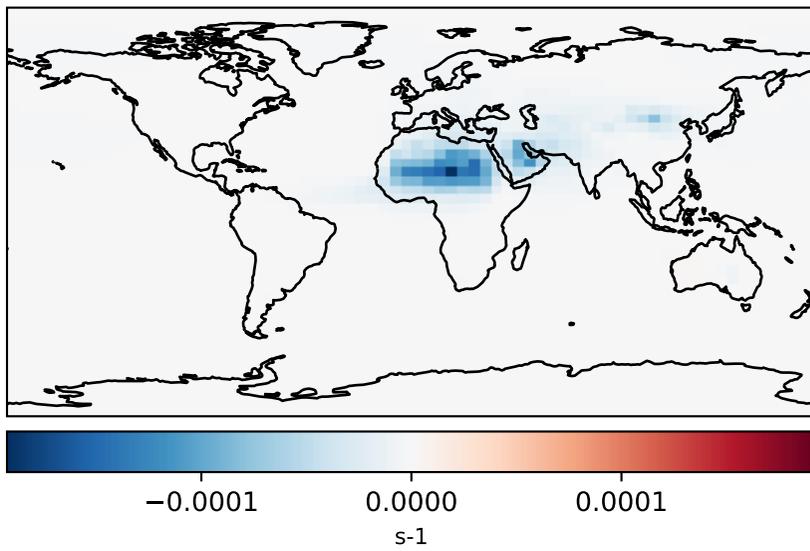unitless

Jval_HOBr (Apr2019)

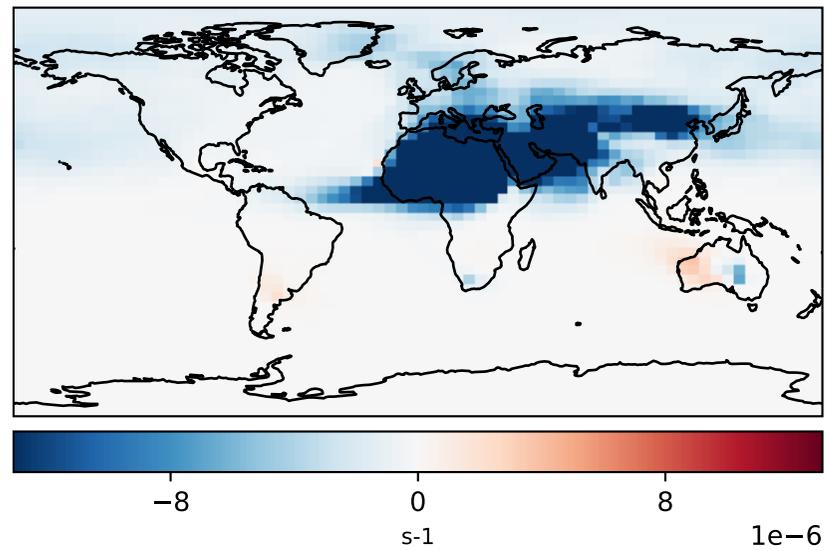

gcc.14.5.0-rc.0 (Ref)
4.0x5.0
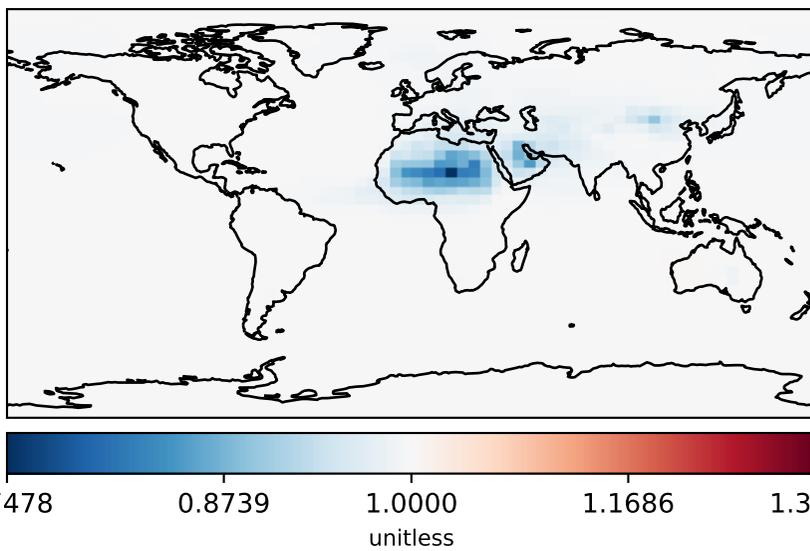
gcc.14.7.0-rc.0 (Dev)
4.0x5.0
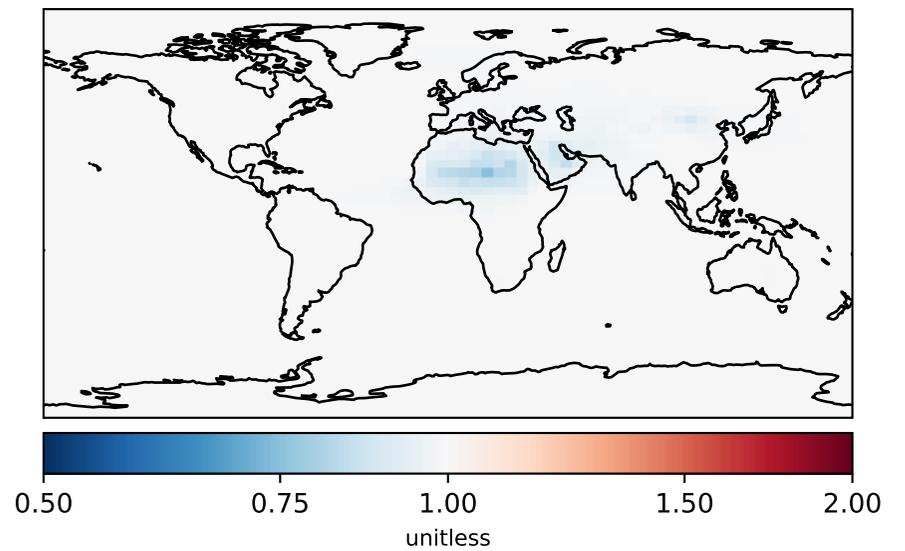
Difference
Dev - Ref, Dynamic Range

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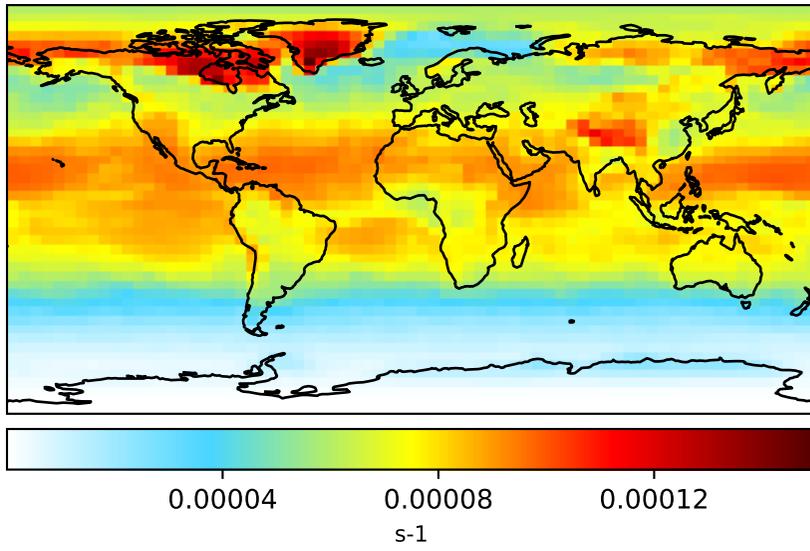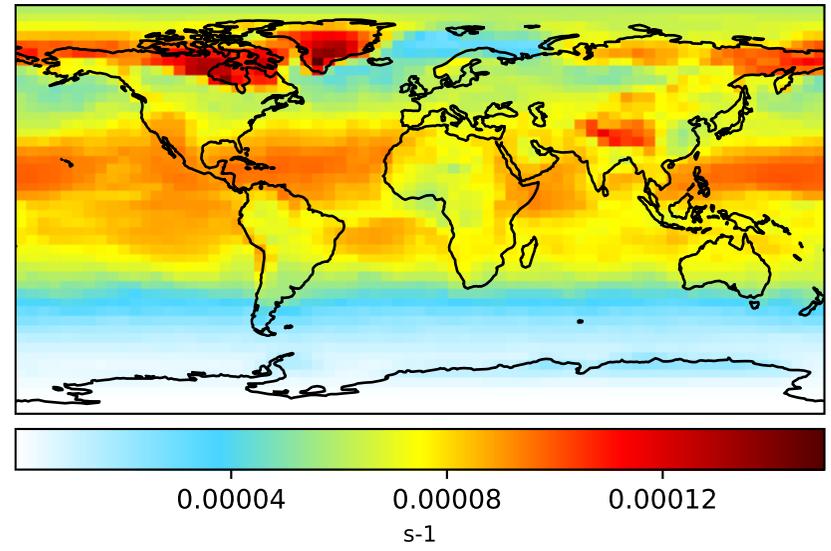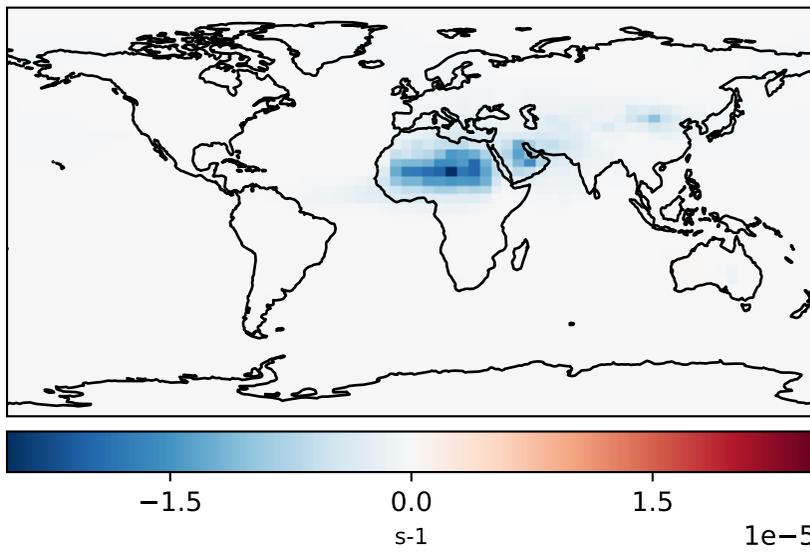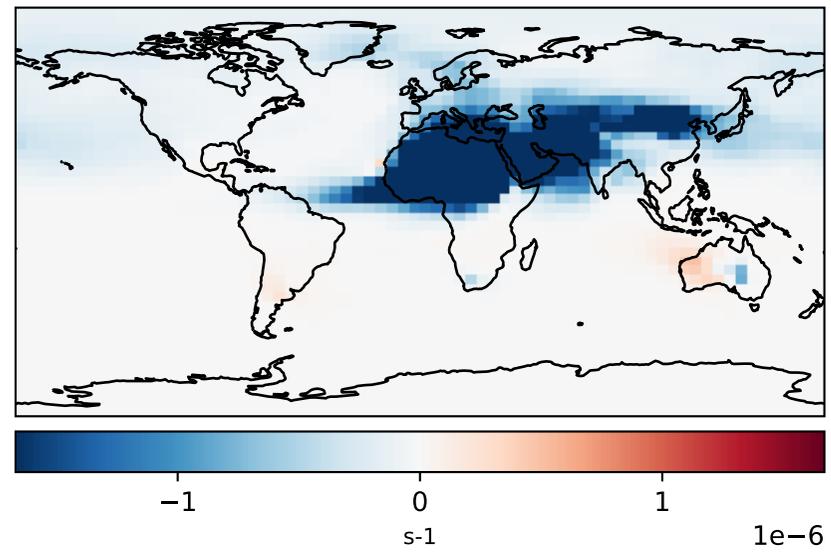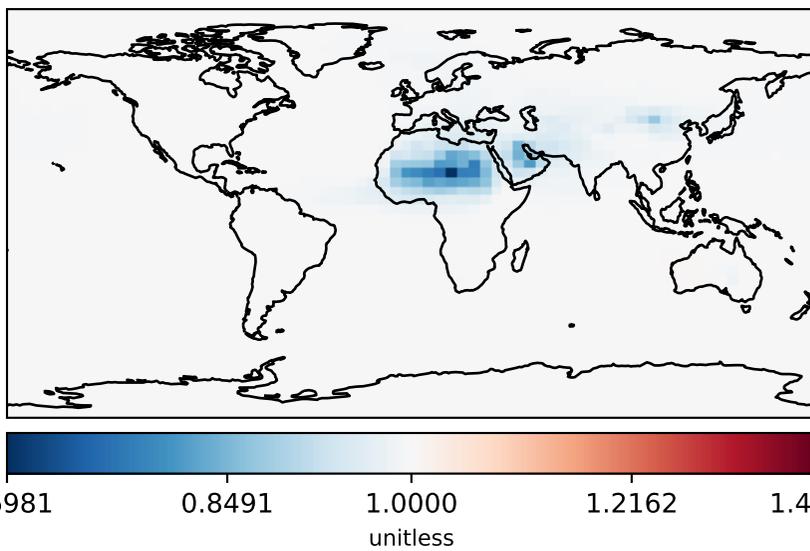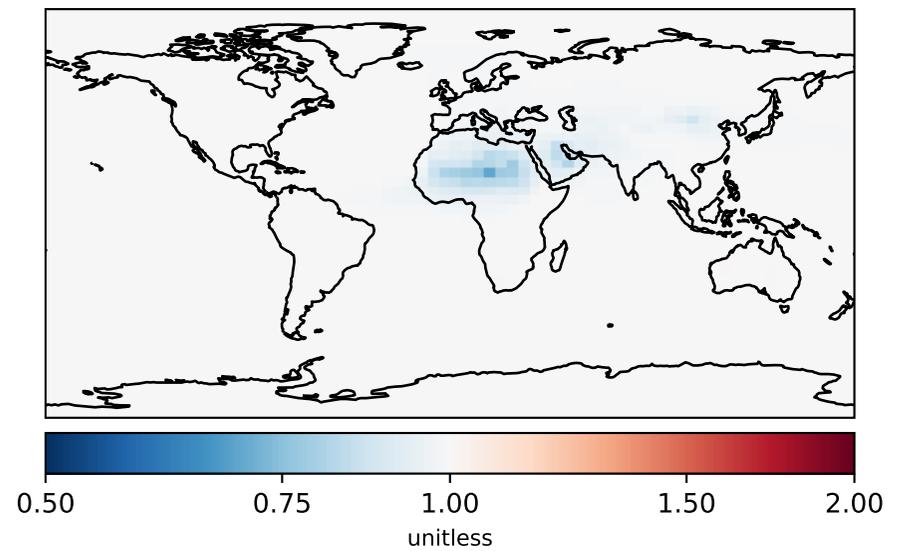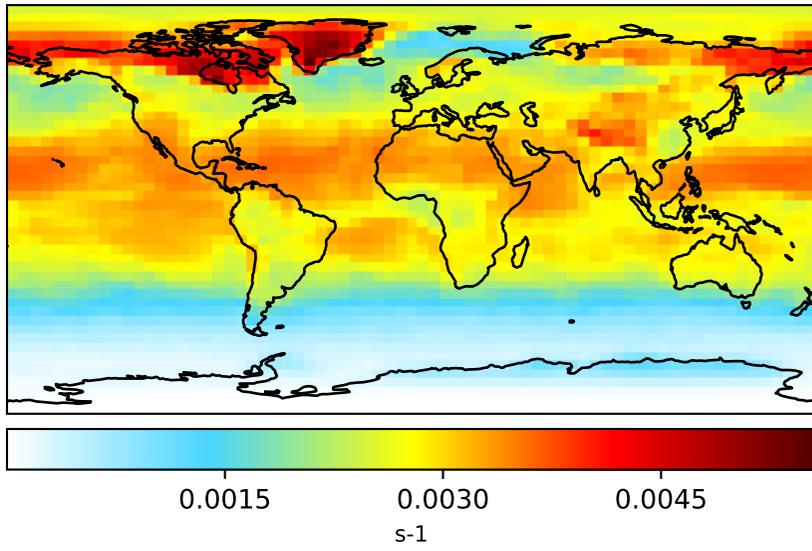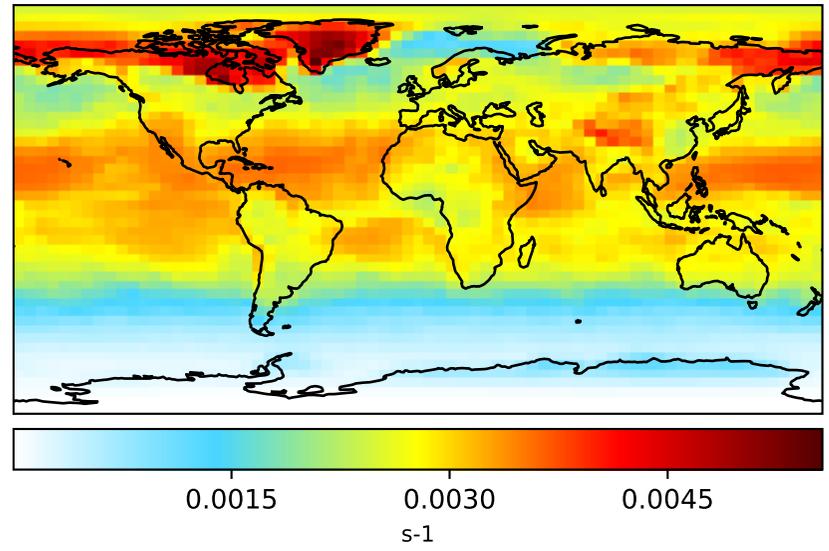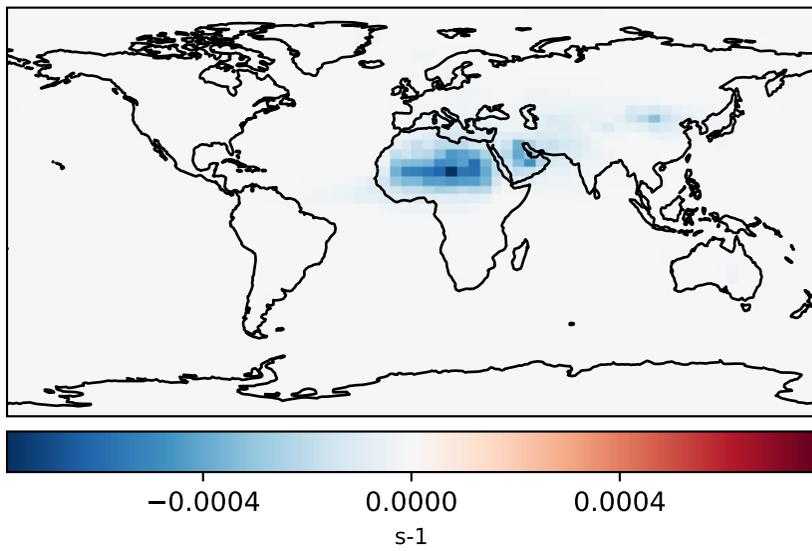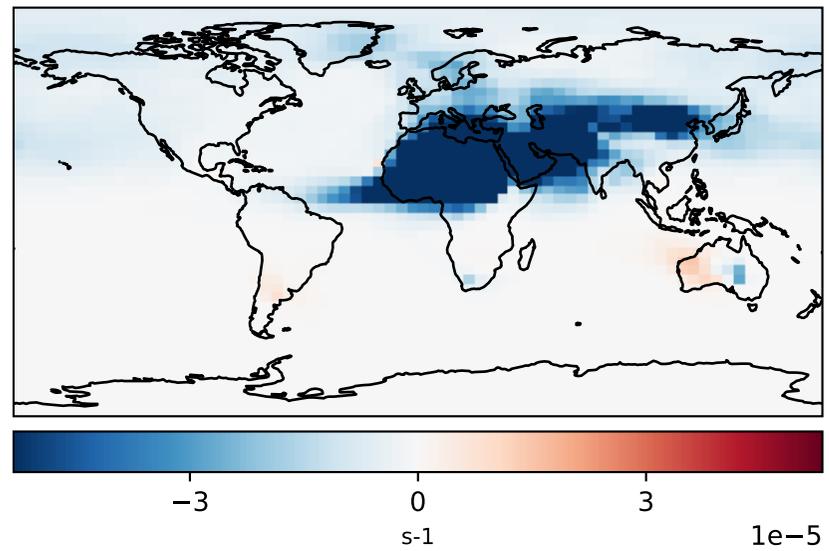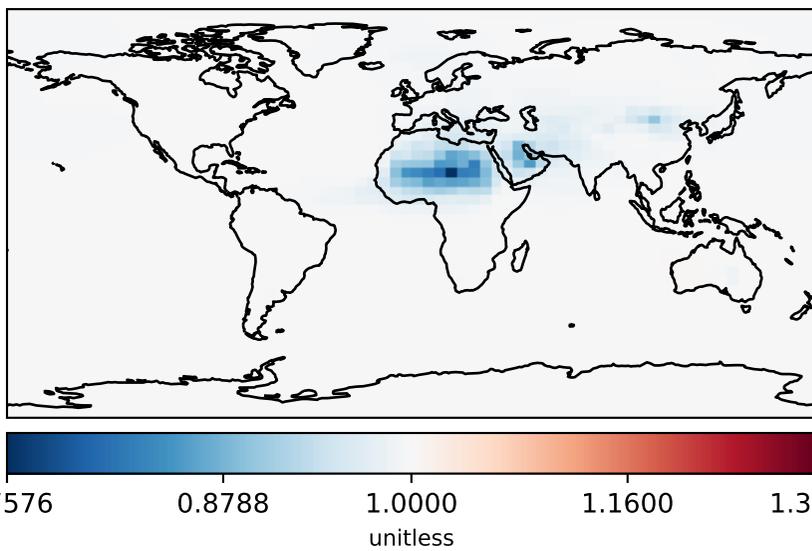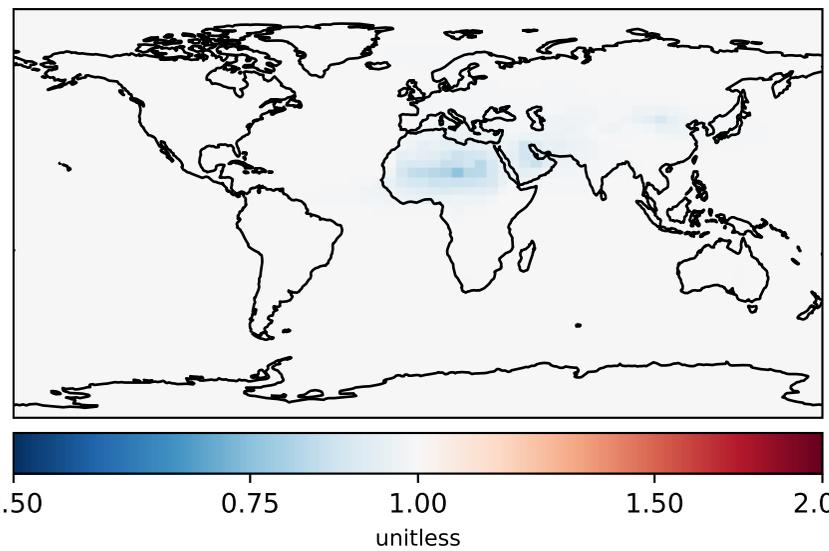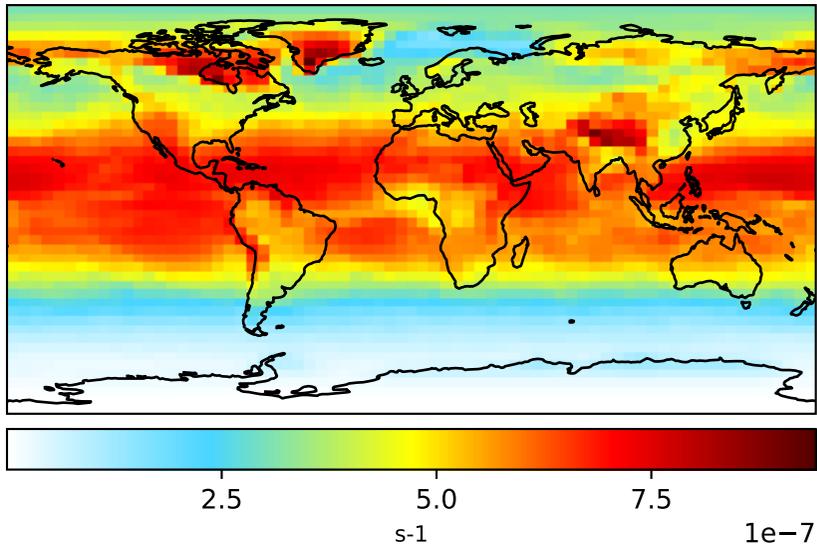Dev - Ref, Restricted Range [5%,95%]
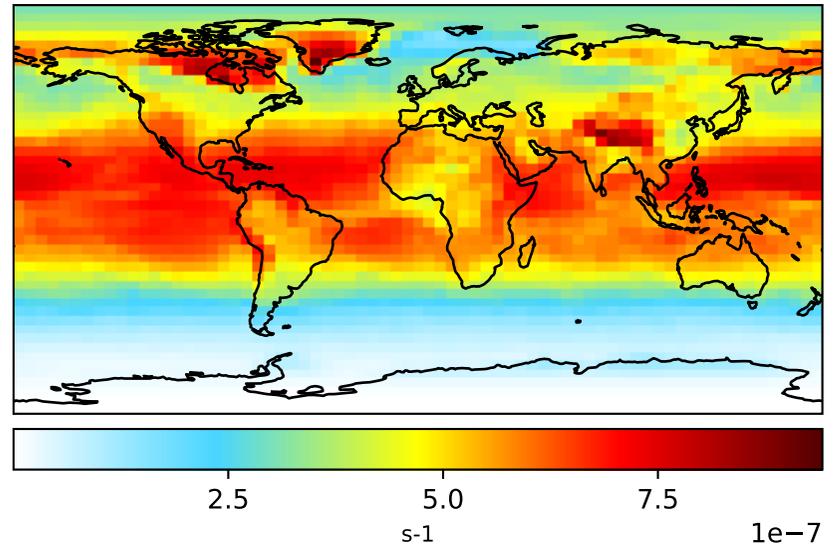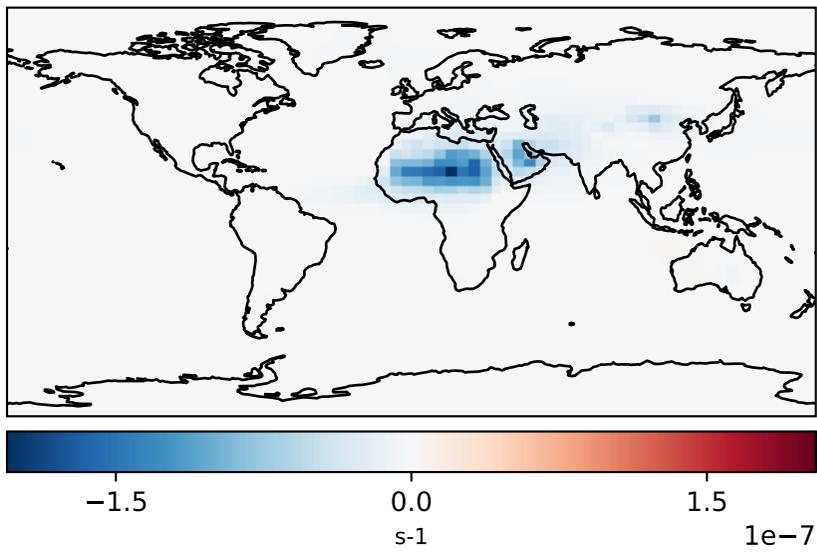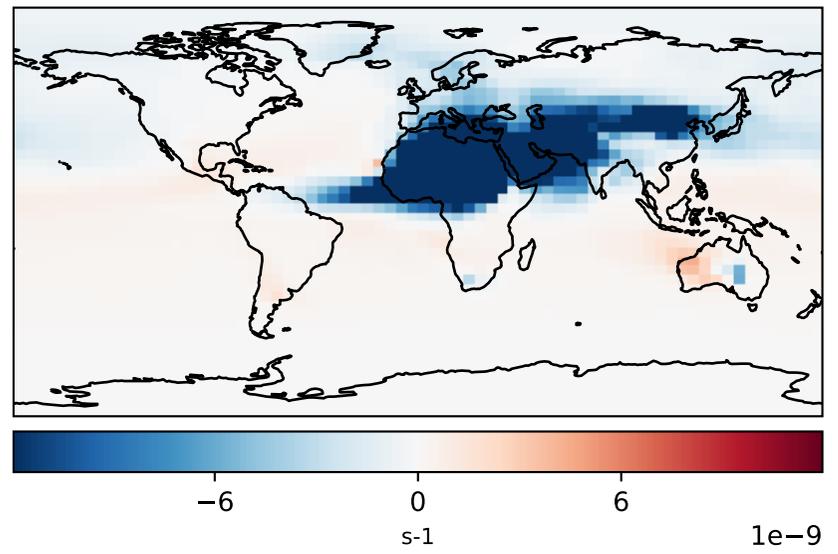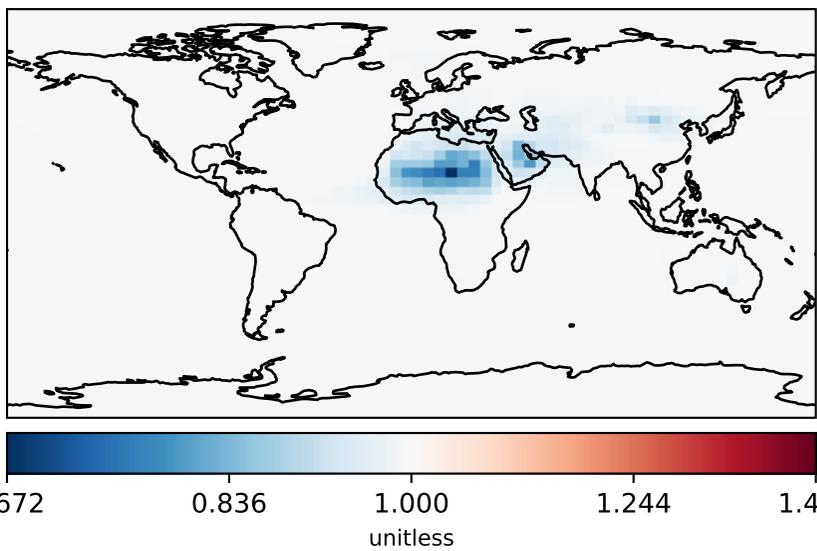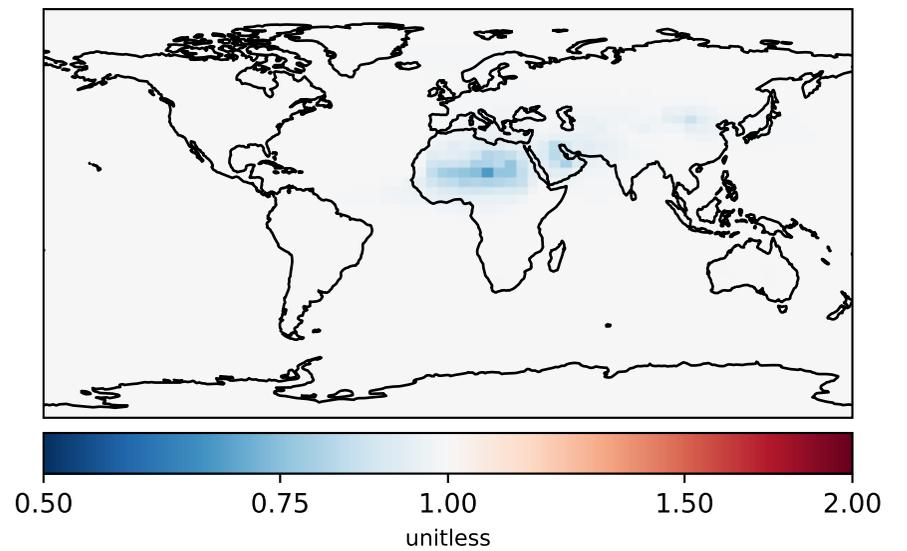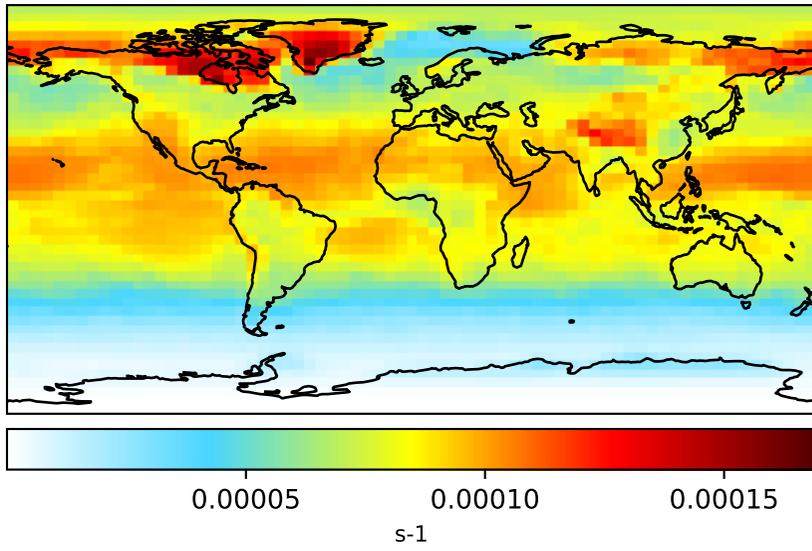
Ratio
Dev/Ref, Dynamic Range

Ratio
Dev/Ref, Fixed Range

Jval_HOCl (Apr2019)

Jval_HOI (Apr2019)

Jval_HONIT (Apr2019)

gcc.14.5.0-rc.0 (Ref)
4.0x5.0

gcc.14.7.0-rc.0 (Dev)
4.0x5.0

Difference
Dev - Ref, Dynamic Range

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

Ratio
Dev/Ref, Dynamic Range

Ratio
Dev/Ref, Fixed Range
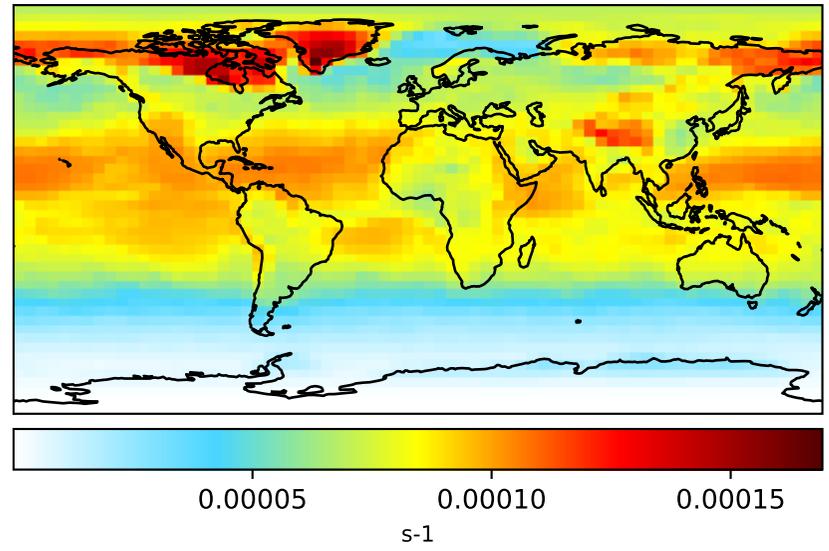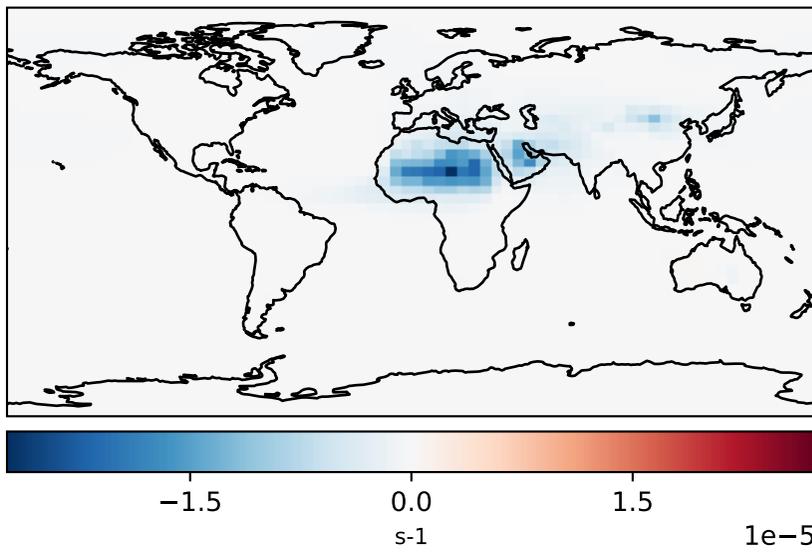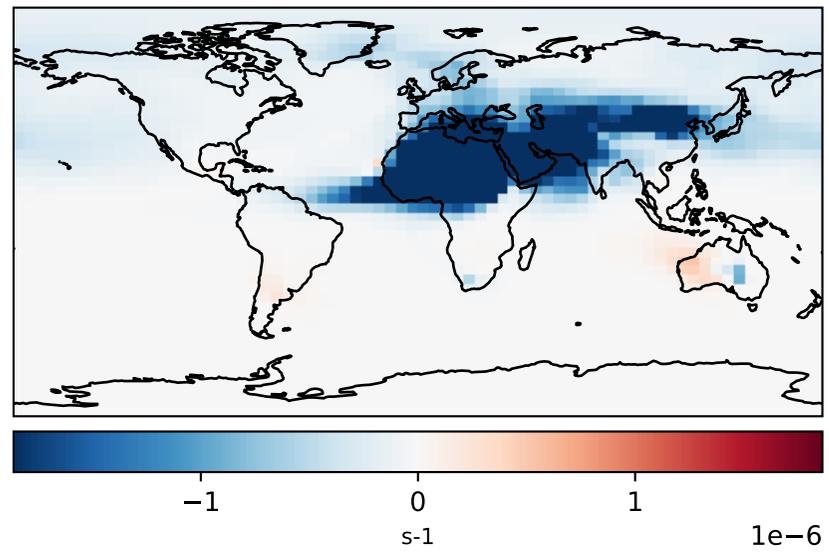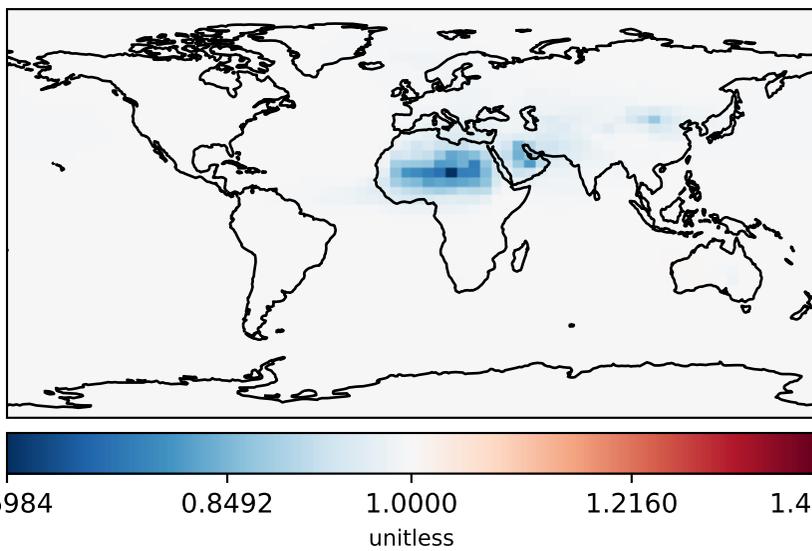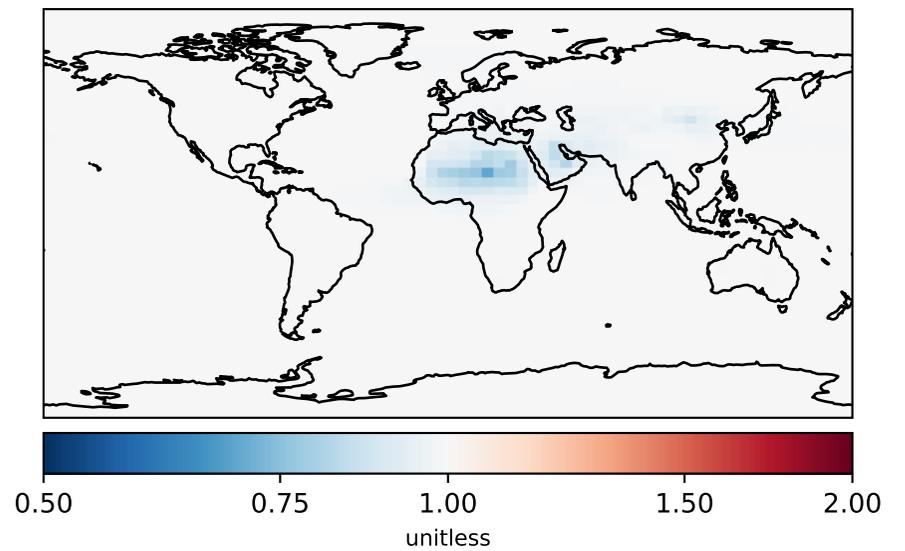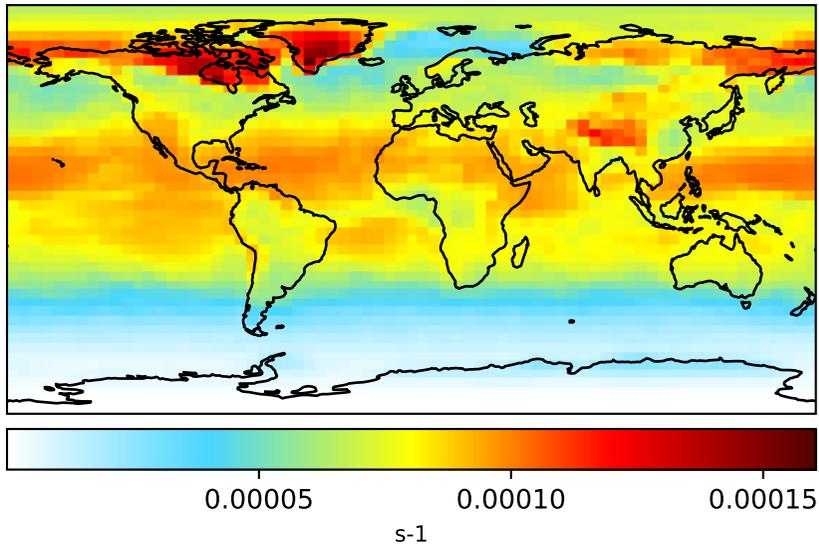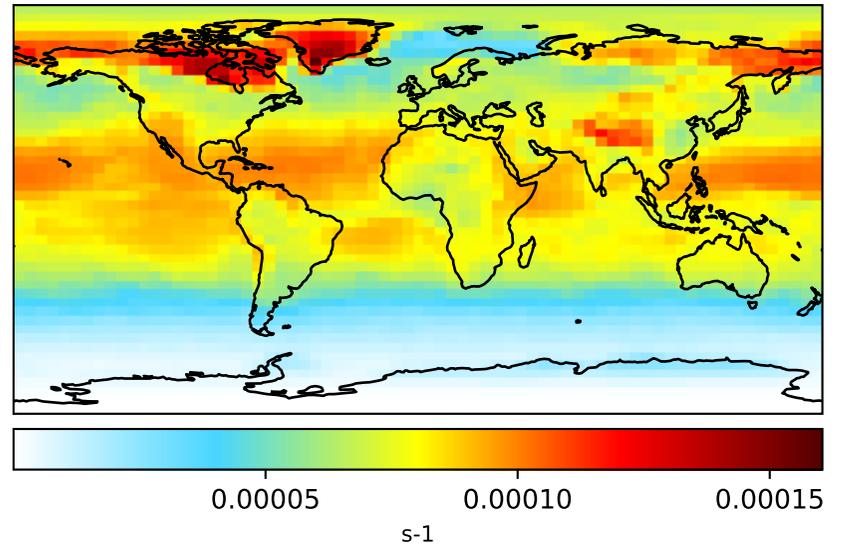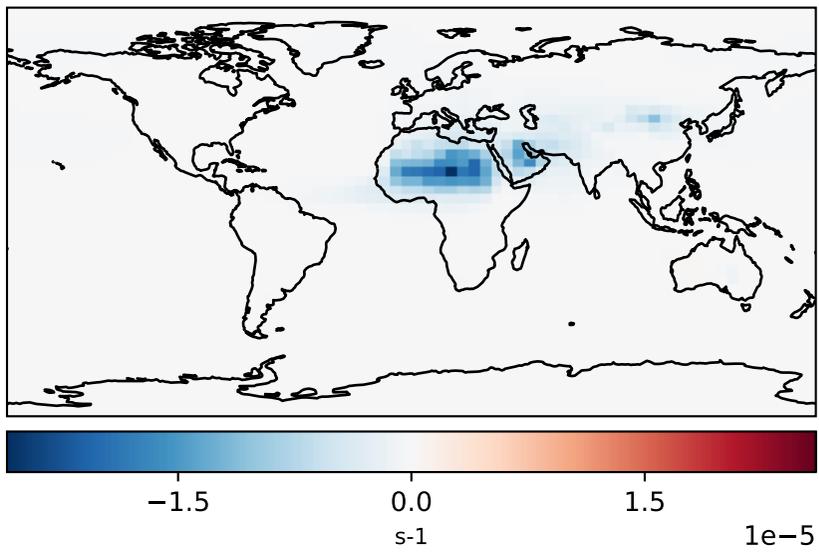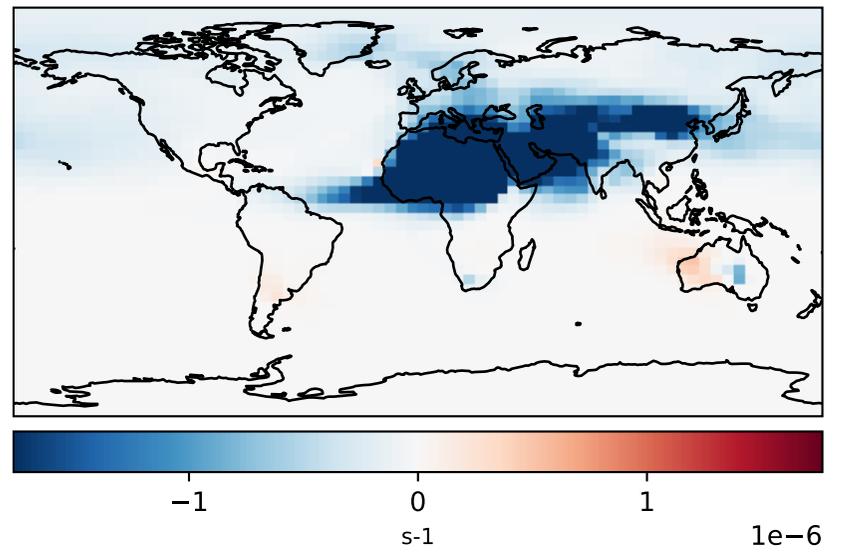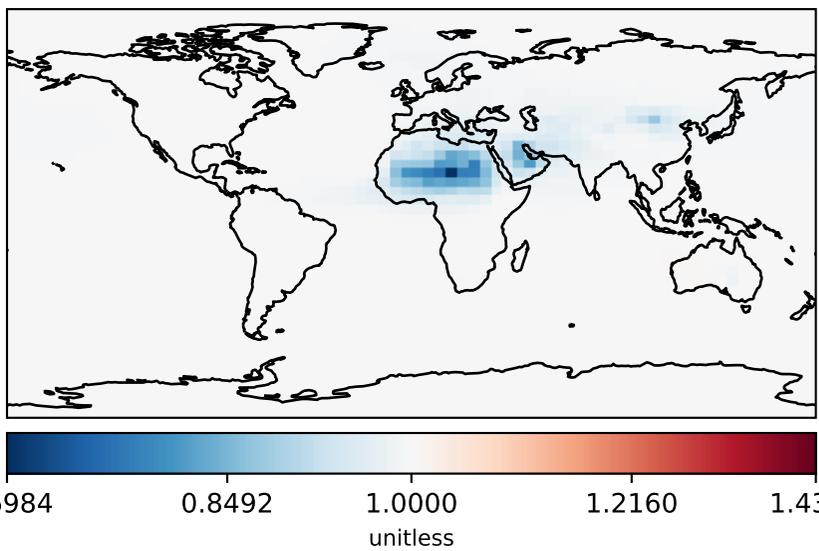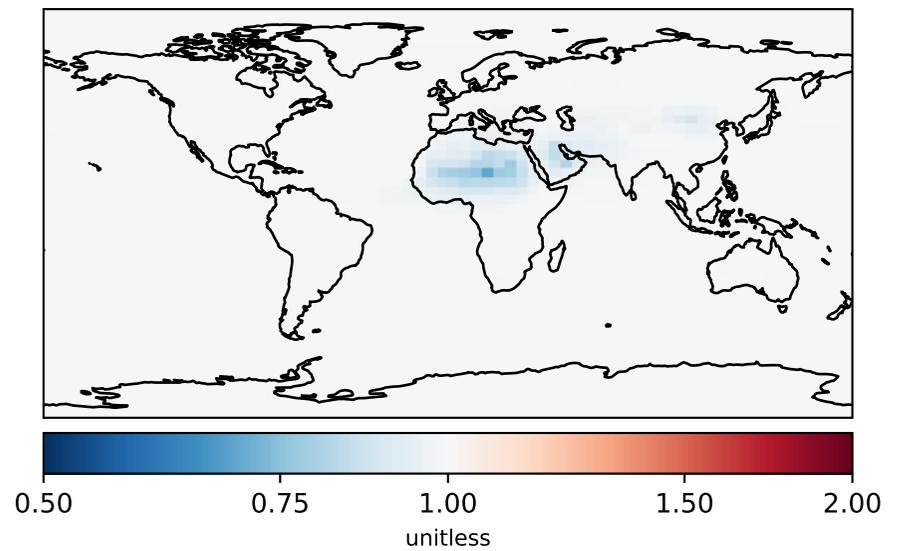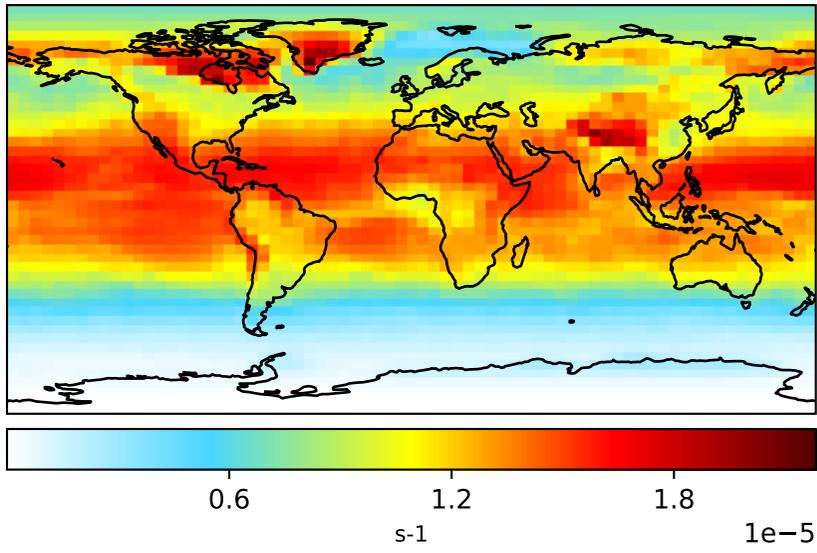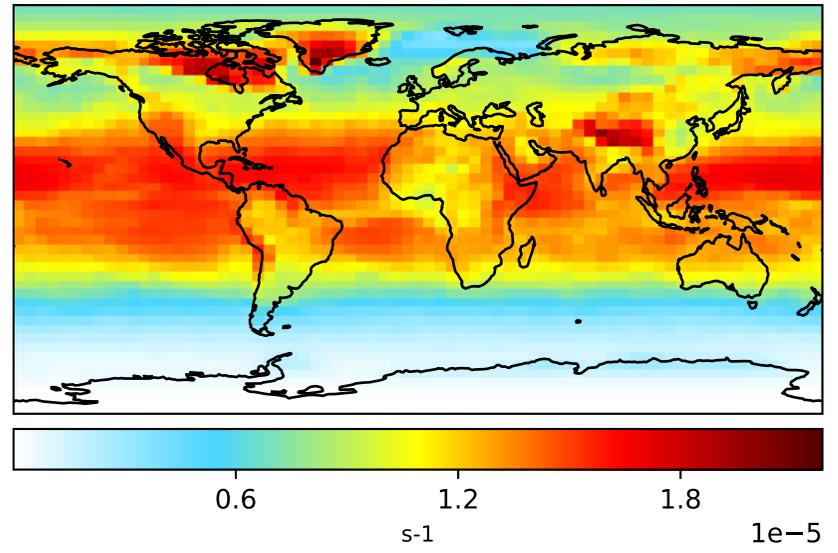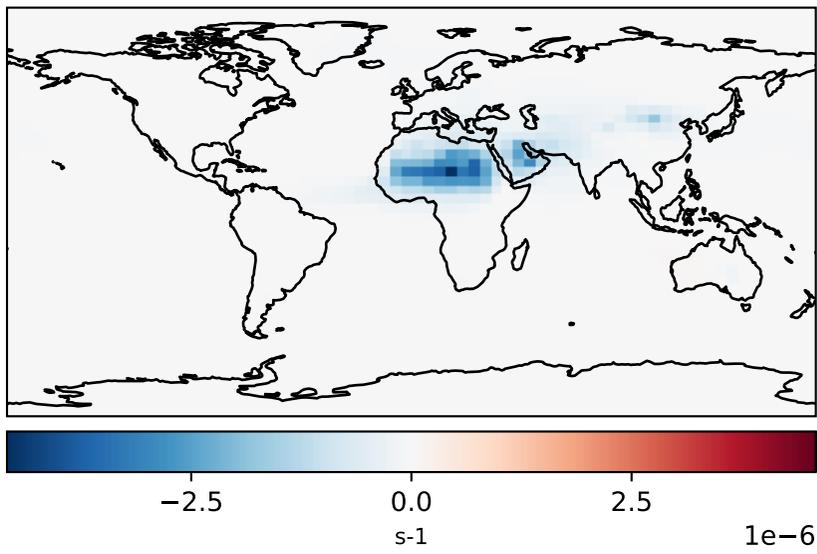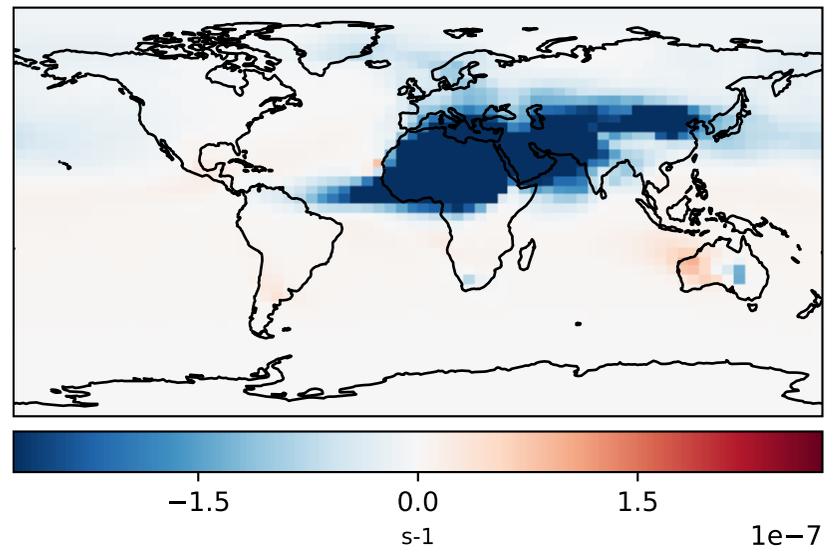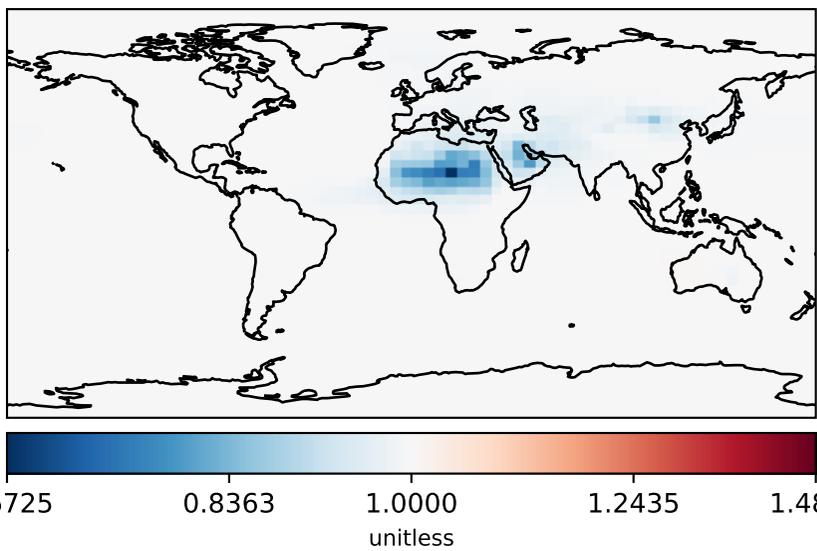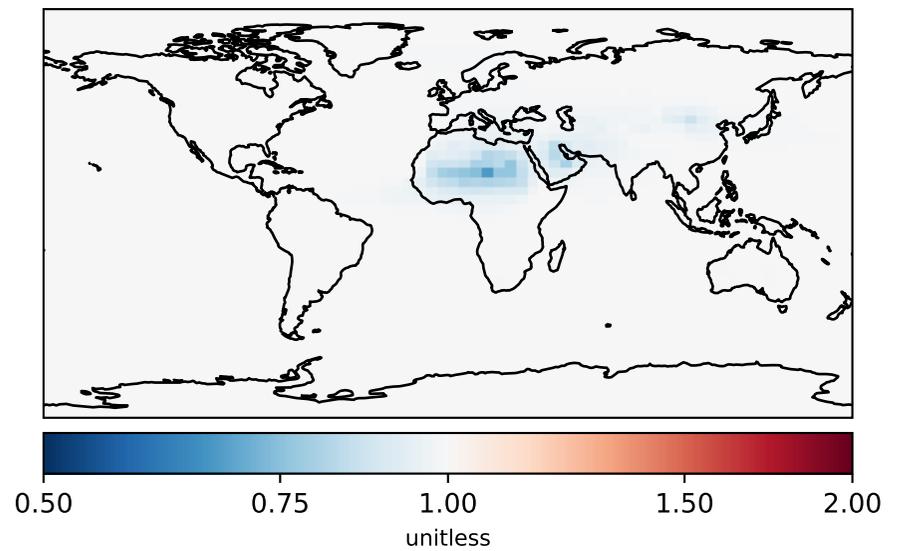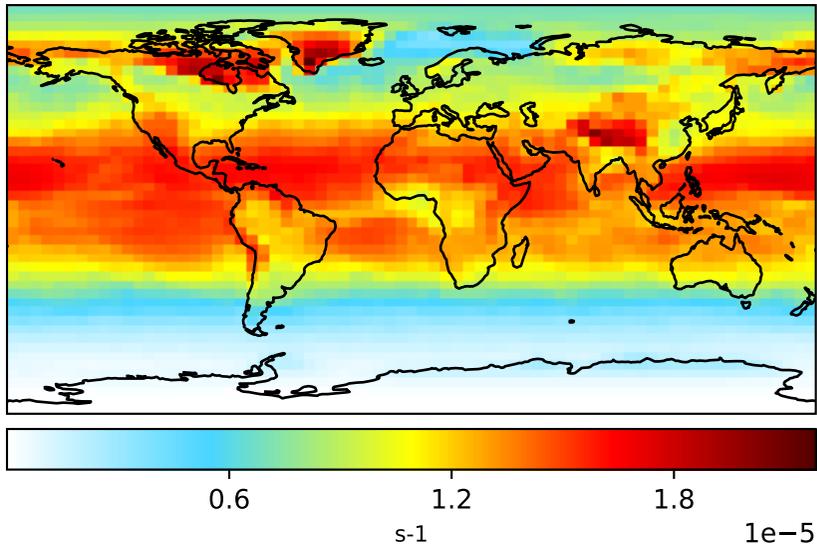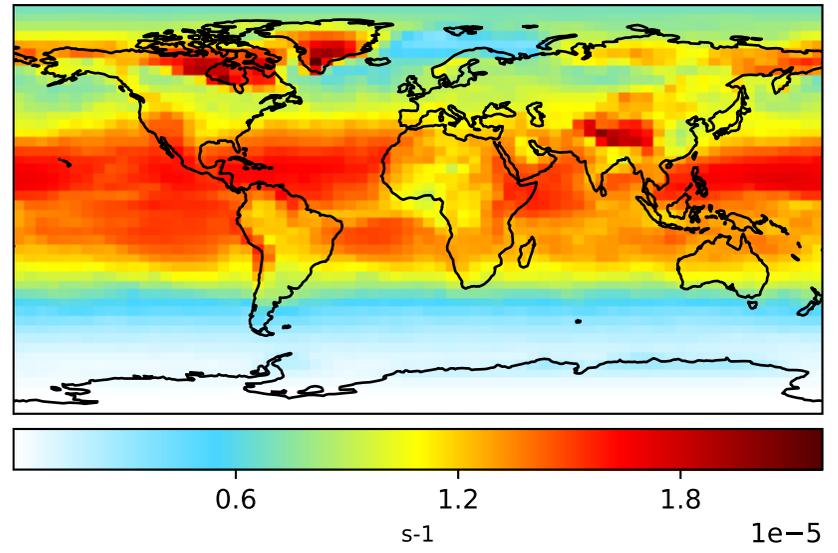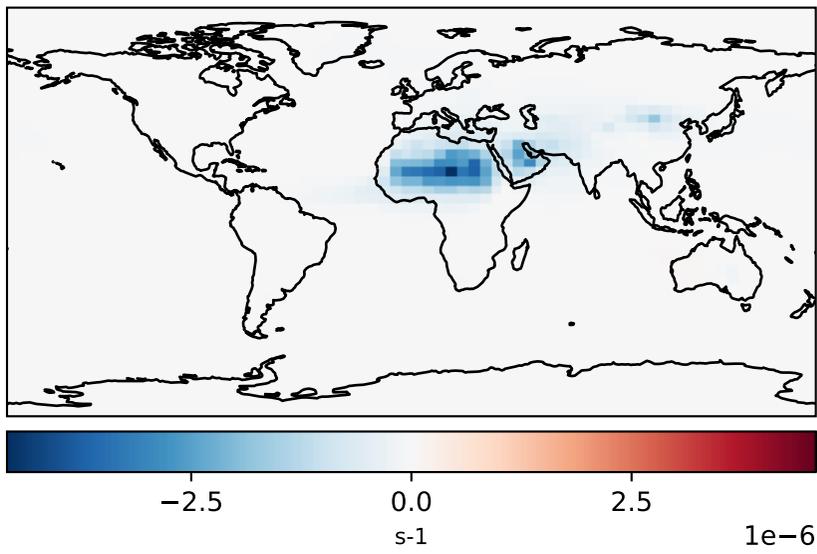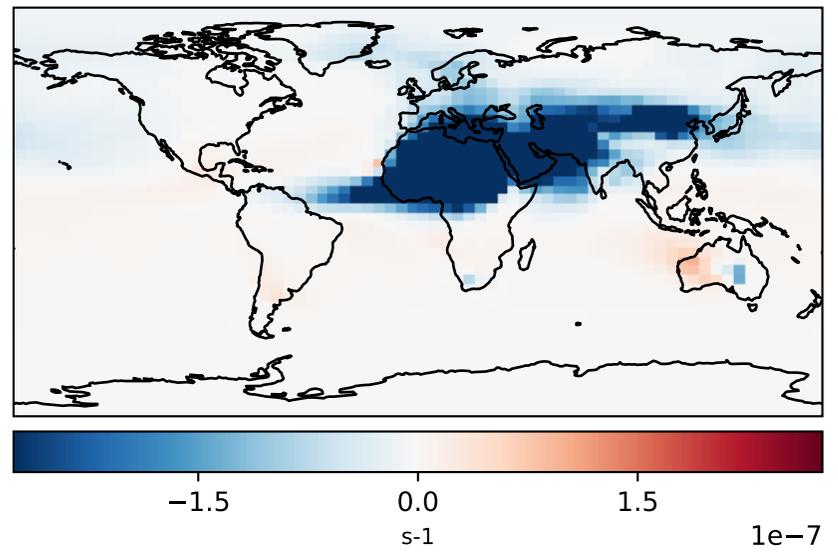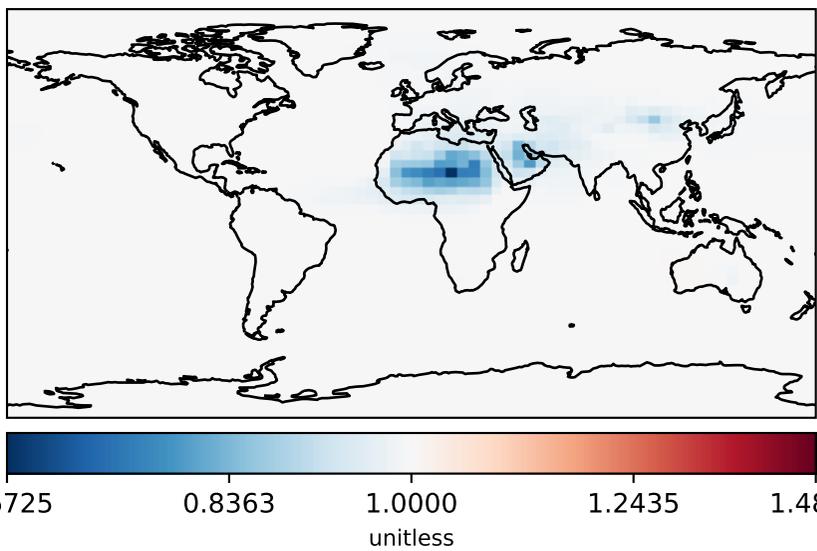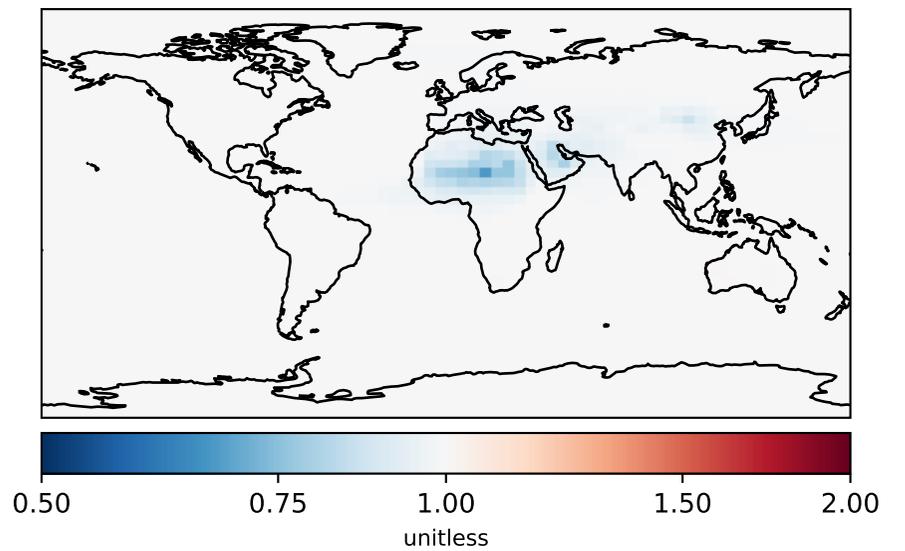
Jval_HPALD1 (Apr2019)

Jval_HPALD2 (Apr2019)

gcc.14.5.0-rc.0 (Ref)
4.0x5.0

gcc.14.7.0-rc.0 (Dev)
4.0x5.0

Difference
Dev - Ref, Dynamic Range

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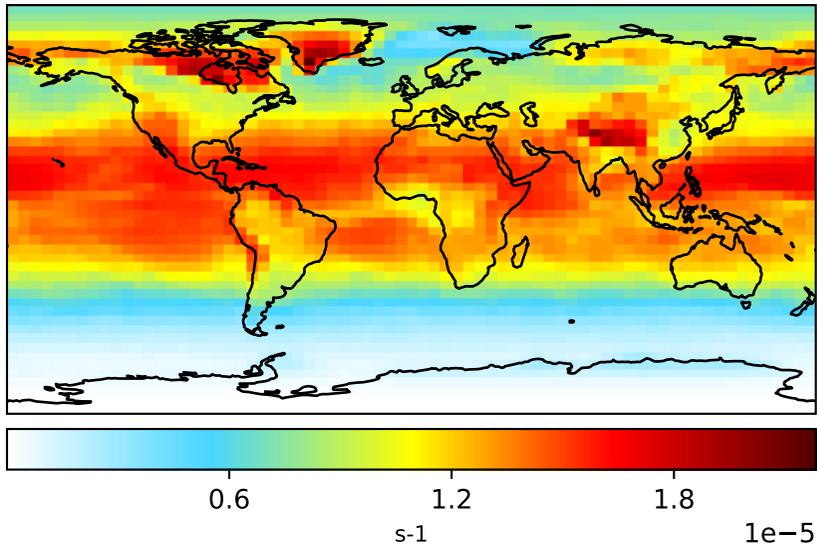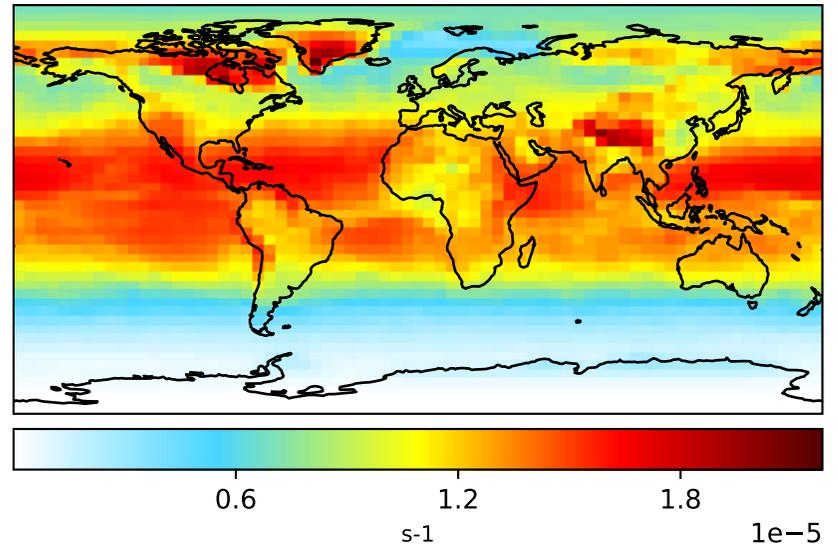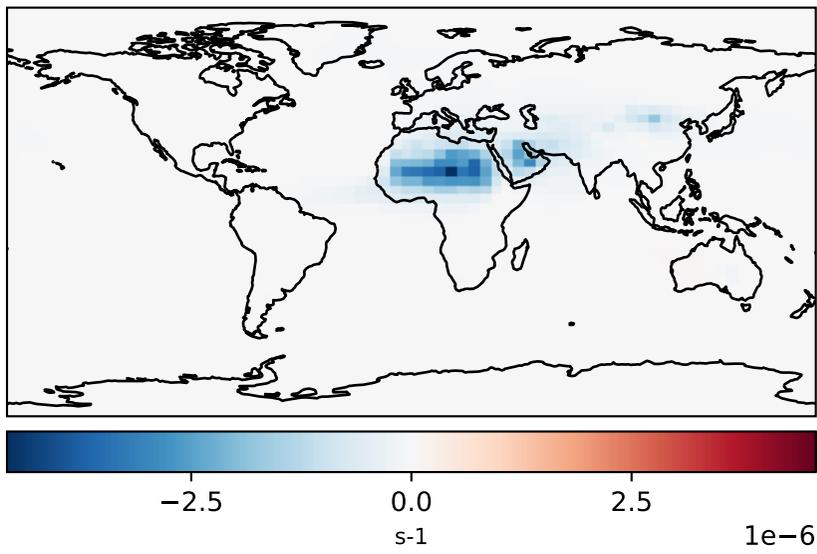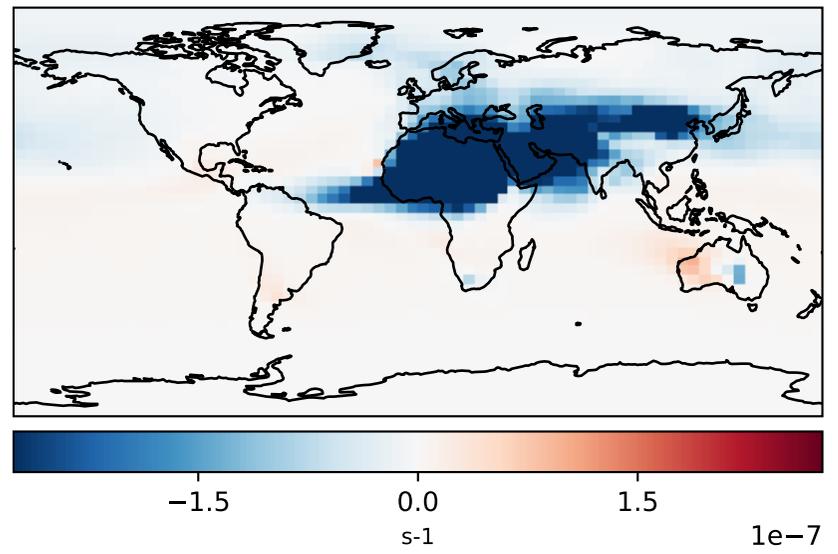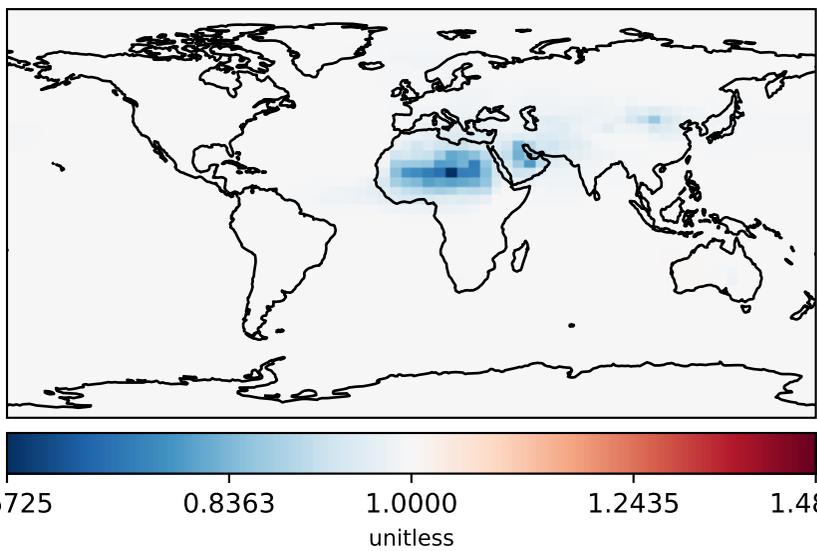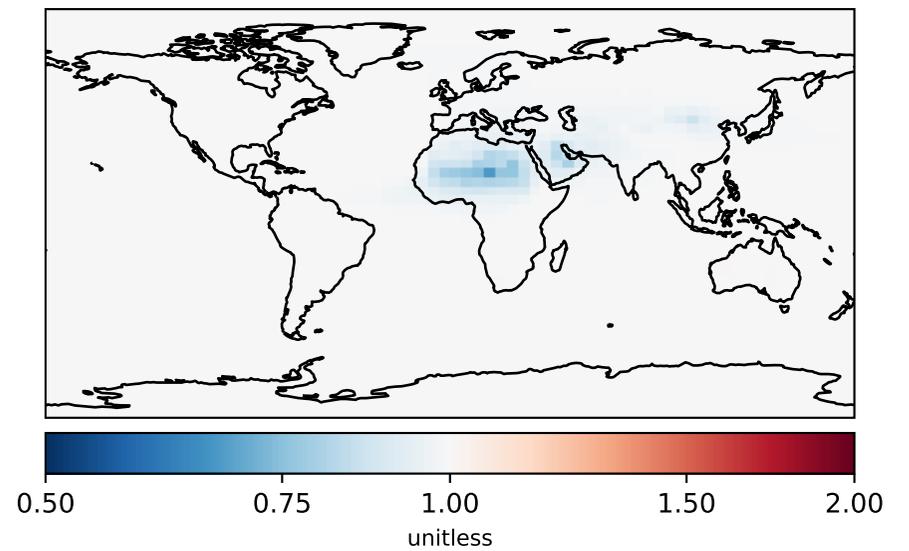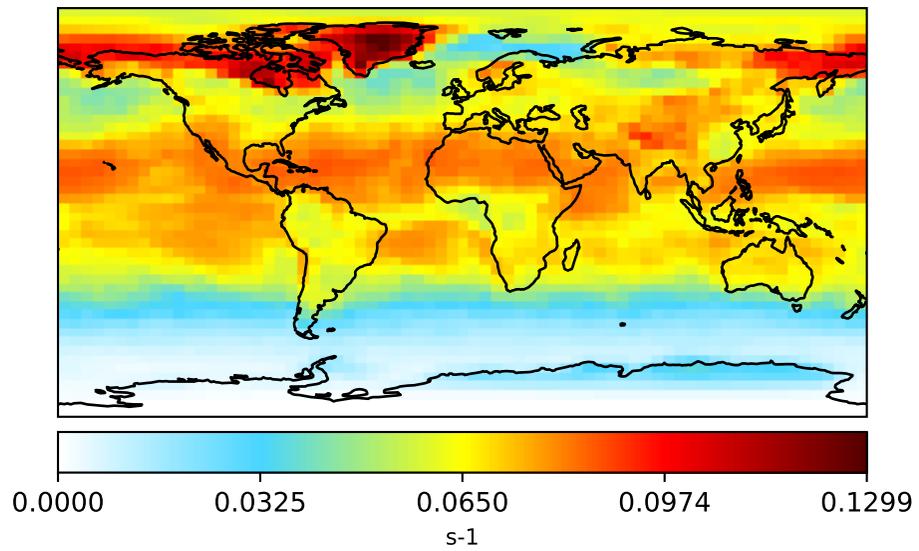Dev - Ref, Restricted Range [5%,95%]

Ratio
Dev/Ref, Dynamic Range

Ratio
Dev/Ref, Fixed Range

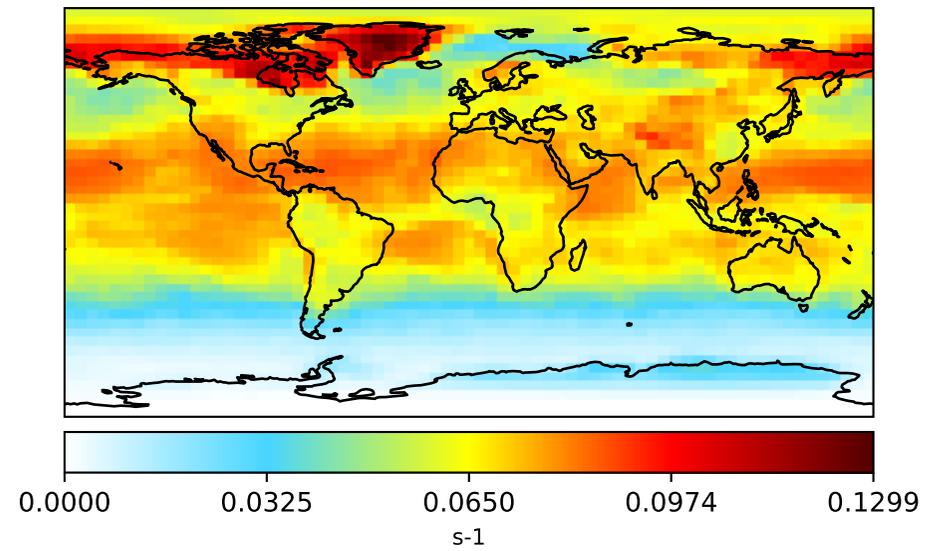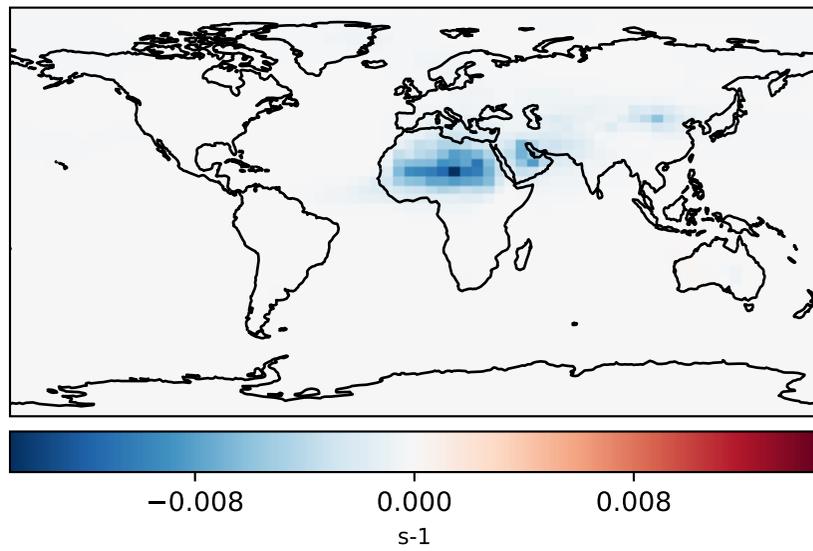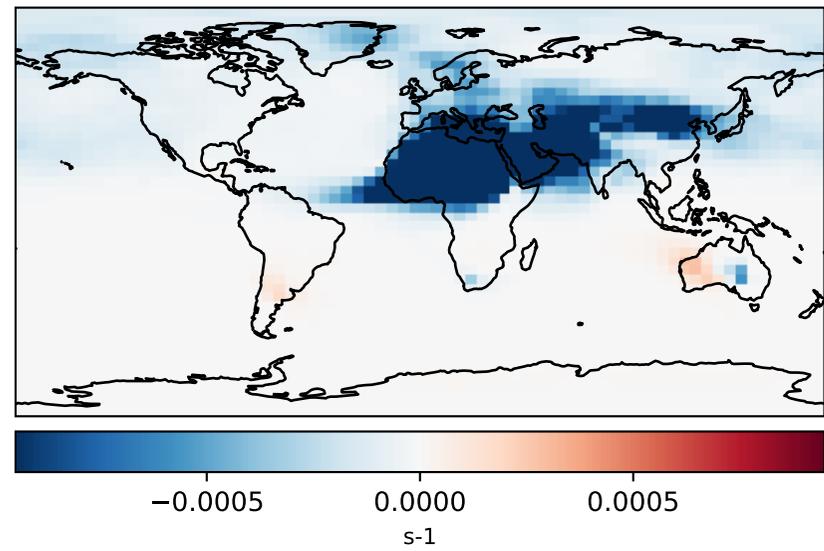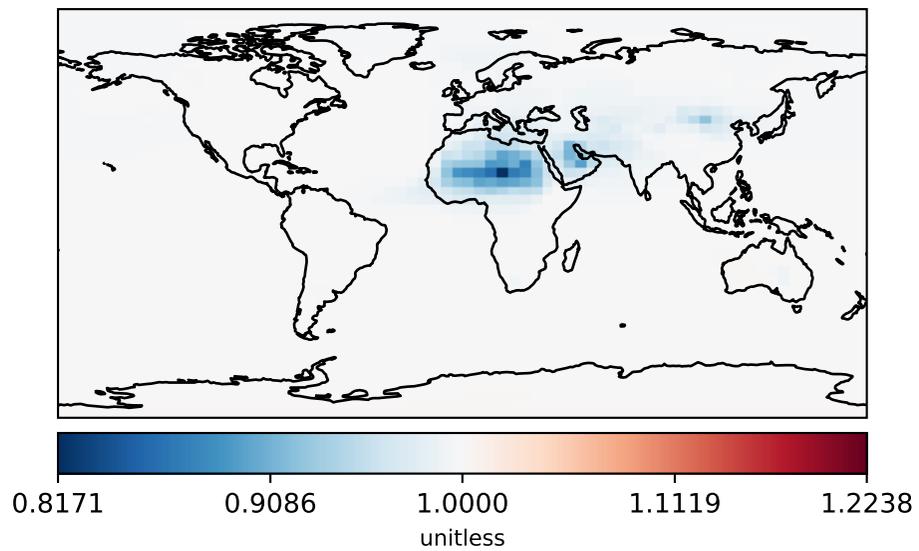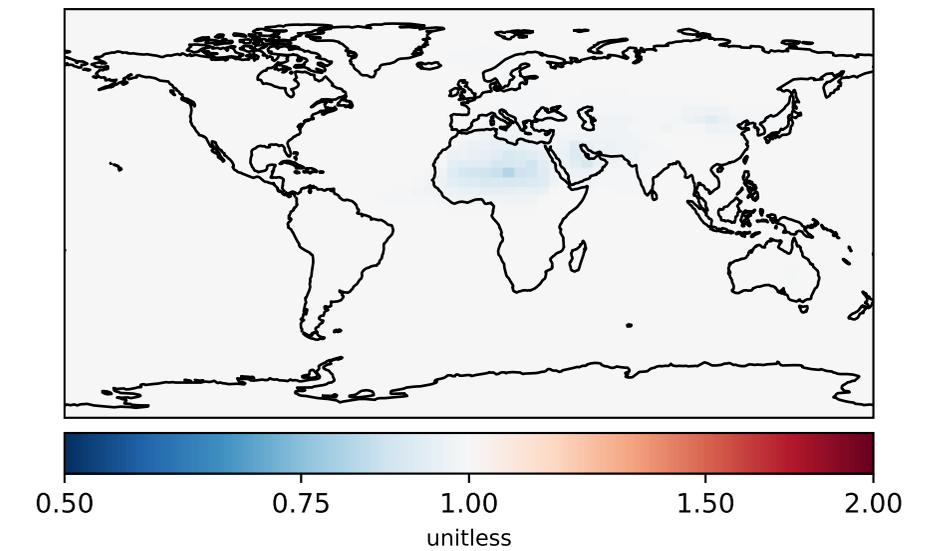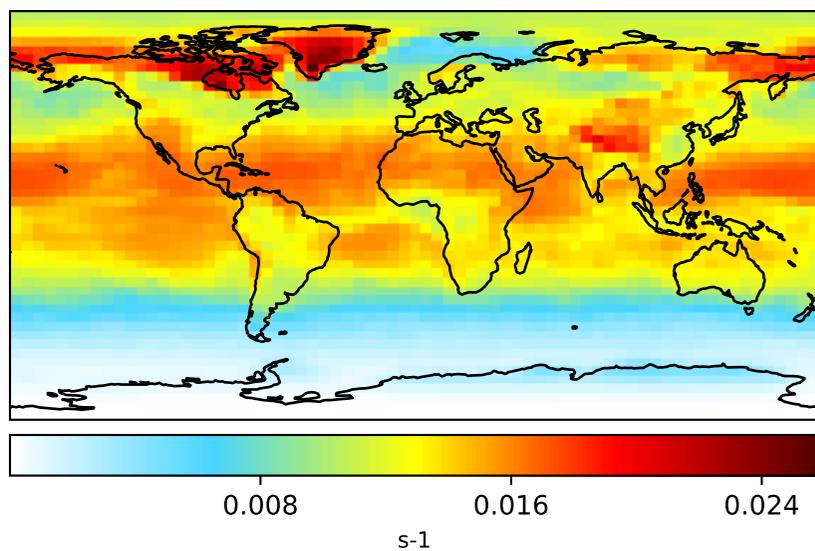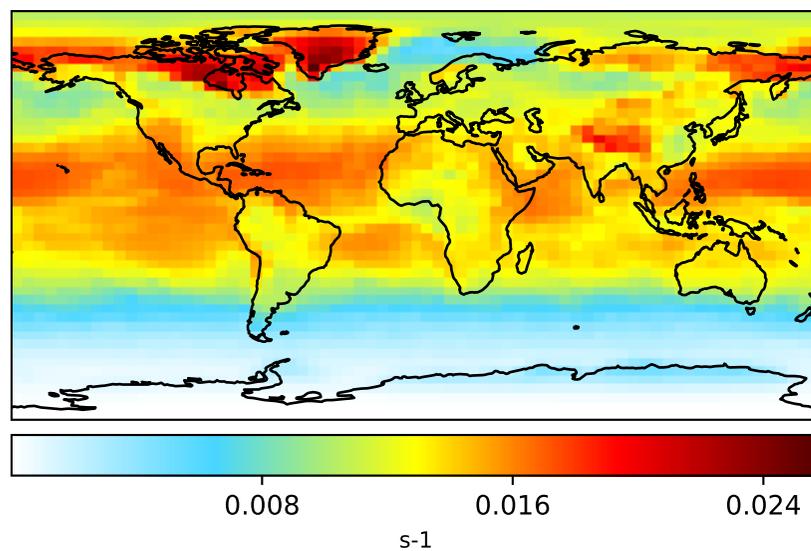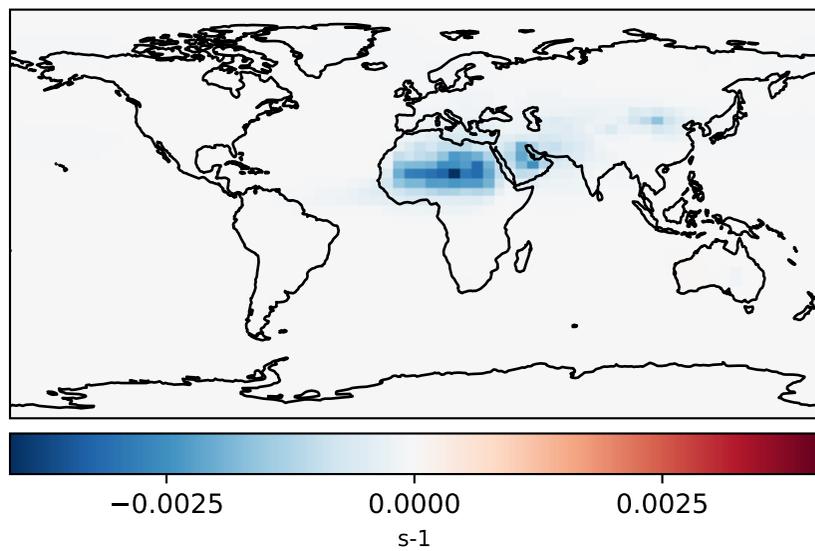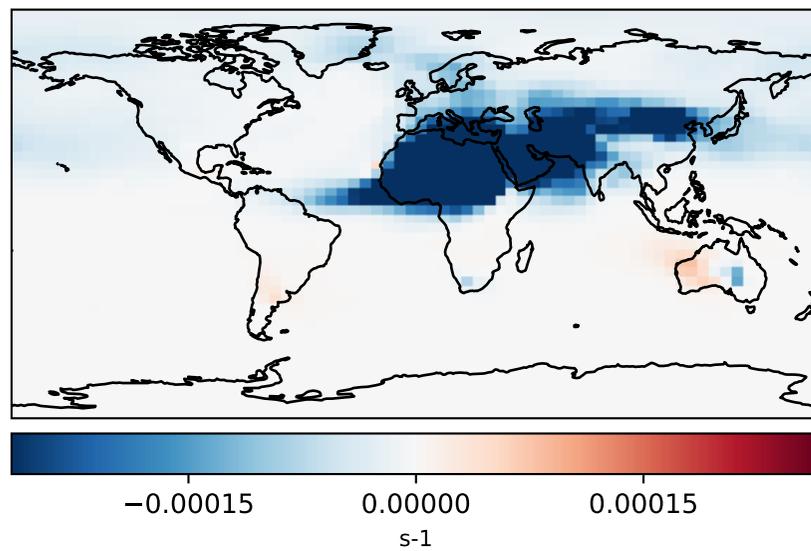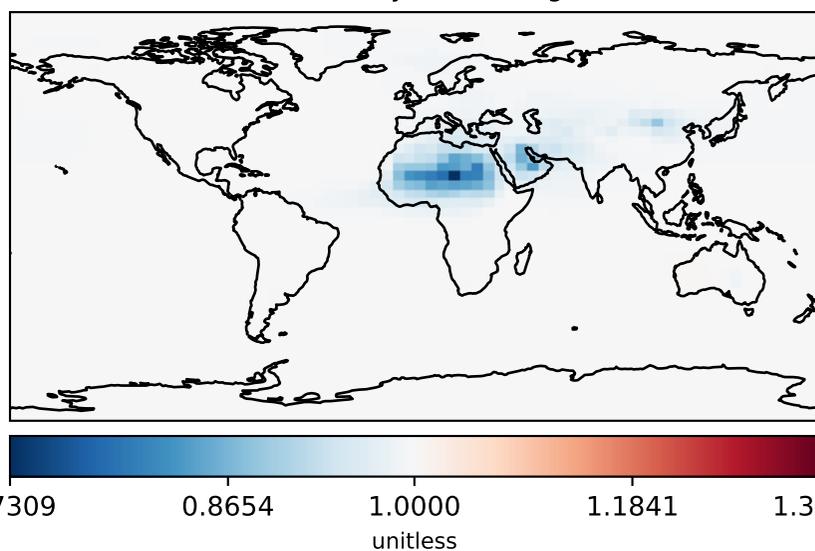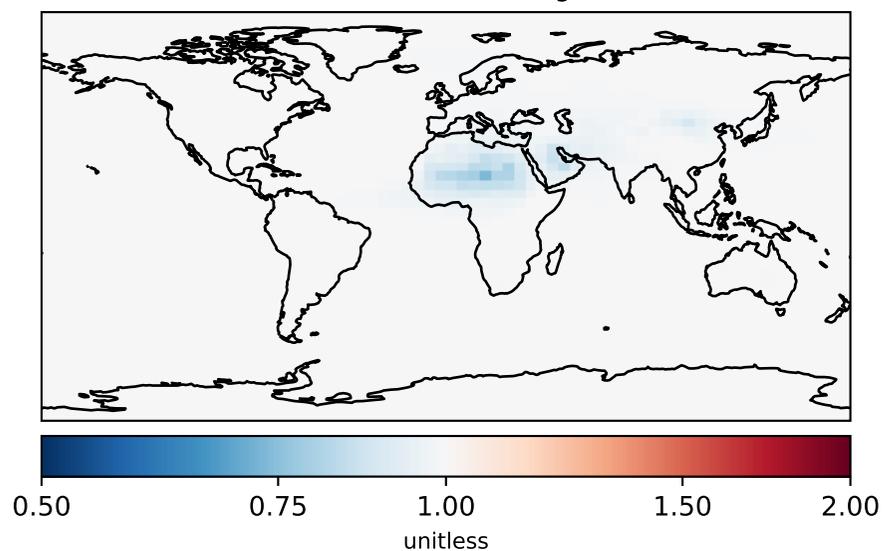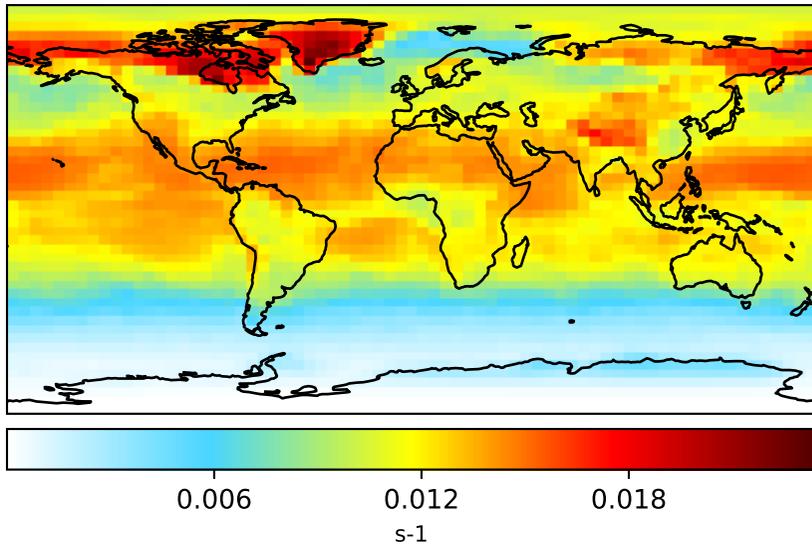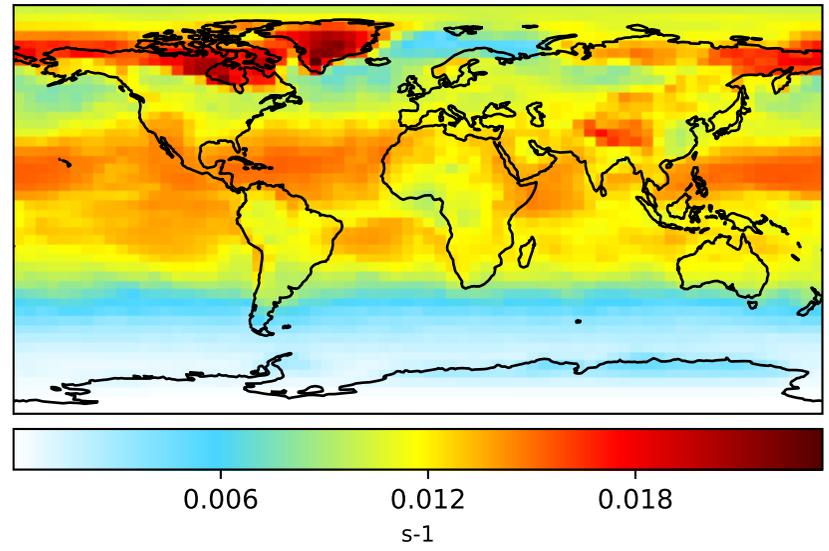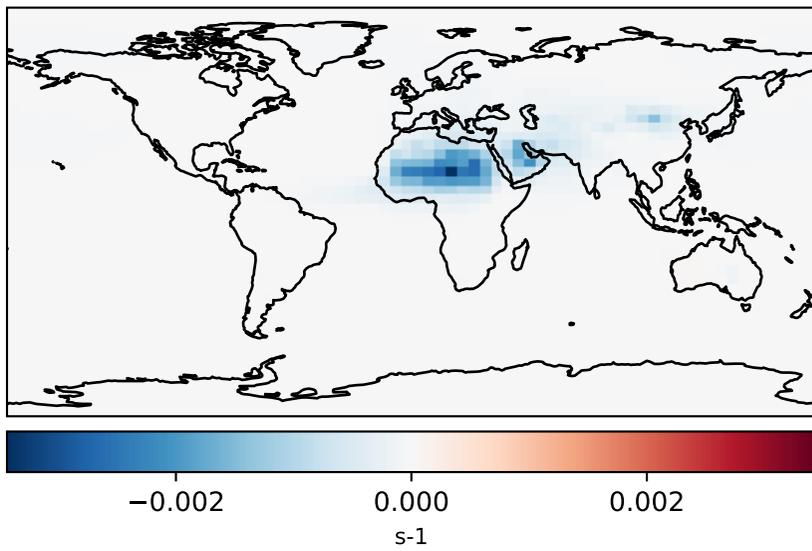# Jval_HPALD3 (Apr2019)

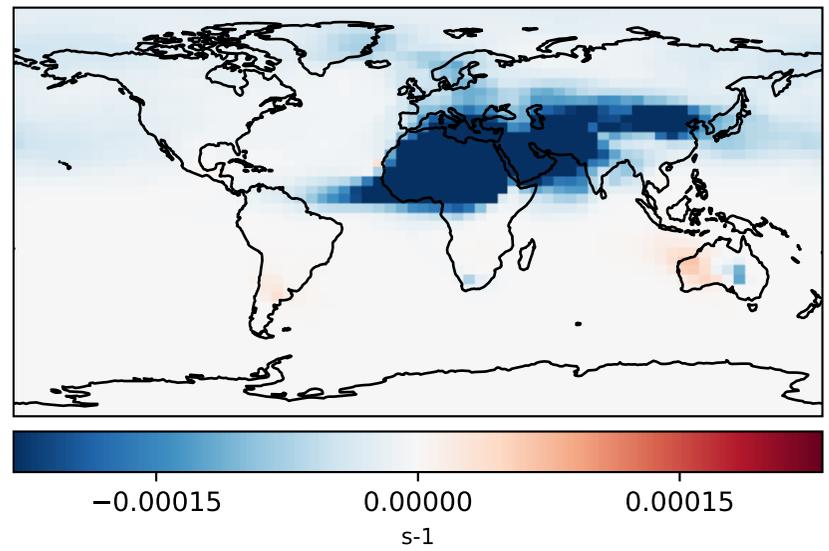gcc.14.5.0-rc.0 (Ref)
4.0x5.0

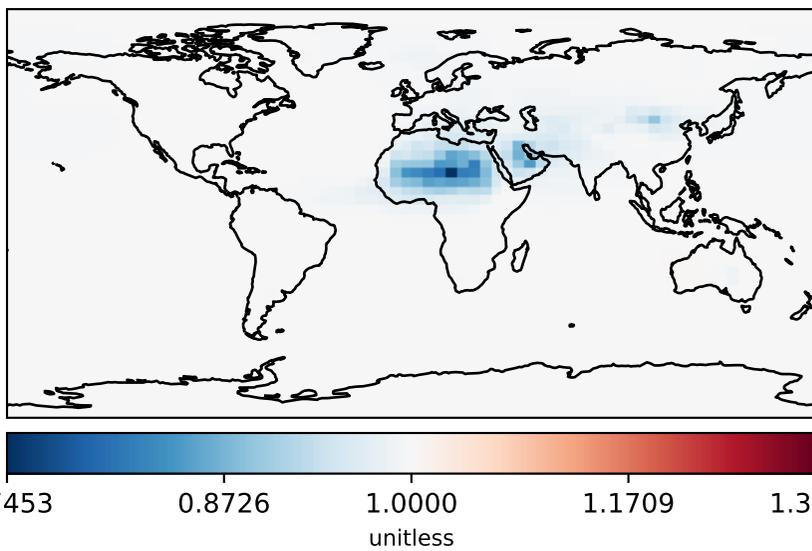gcc.14.7.0-rc.0 (Dev)
4.0x5.0
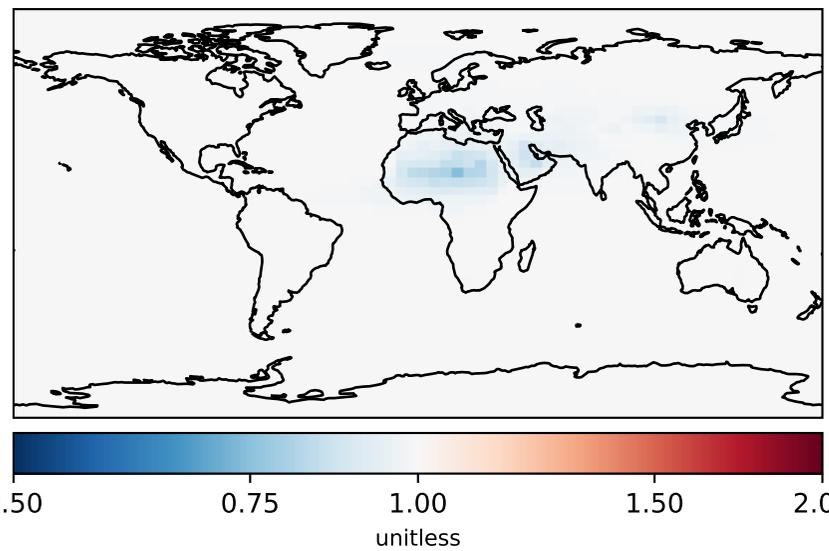
Difference
Dev - Ref, Dynamic Range

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

Ratio
Dev/Ref, Dynamic Range

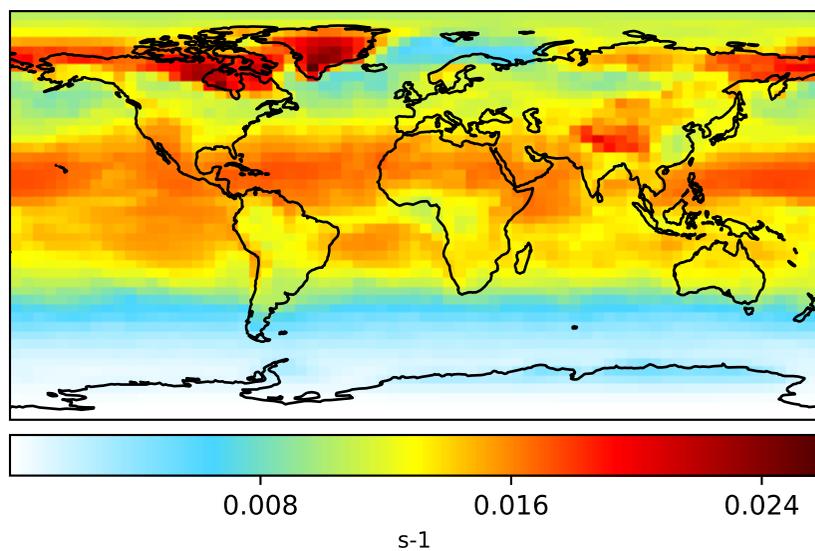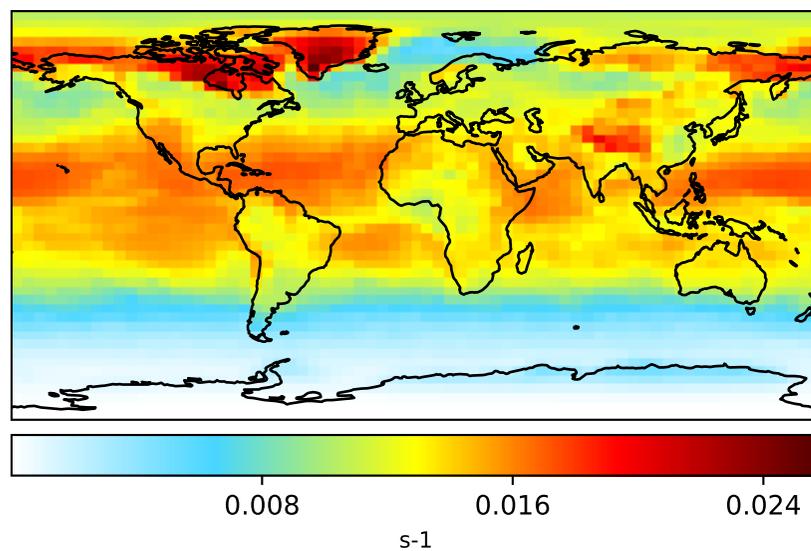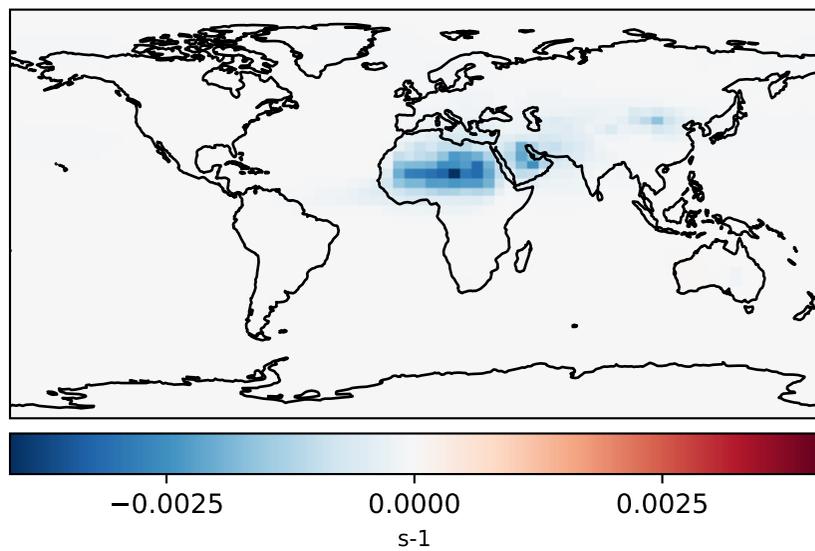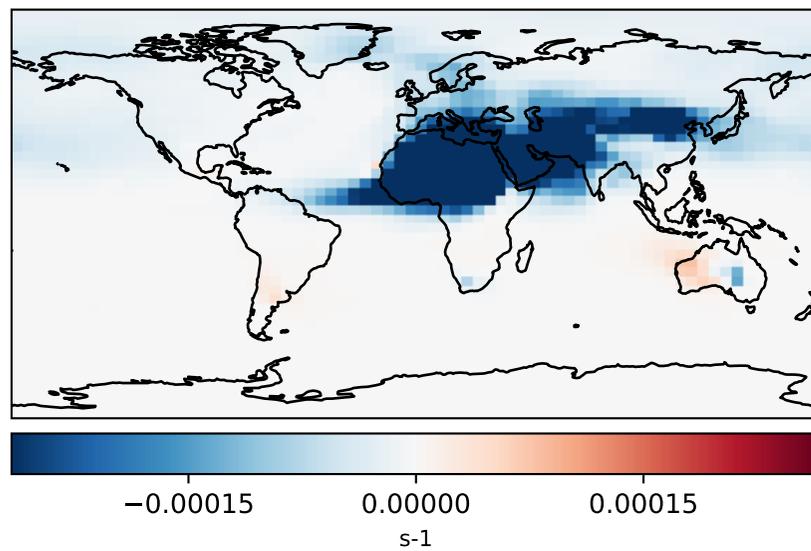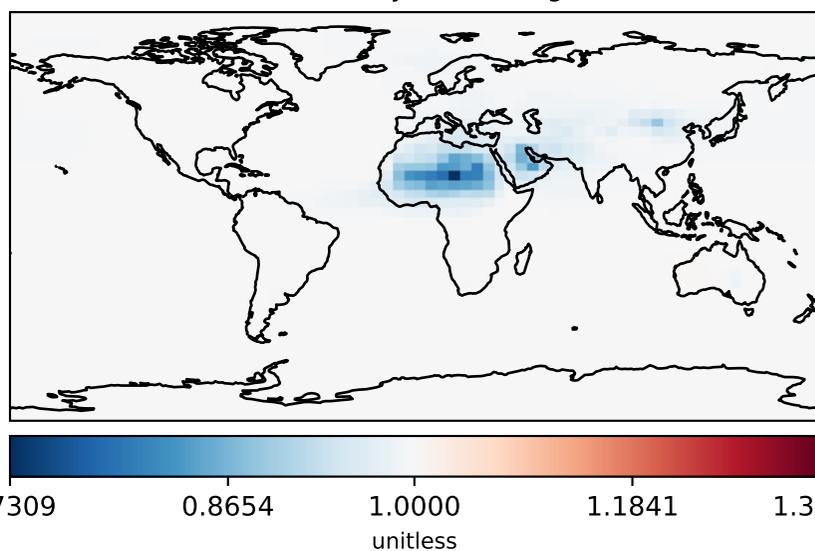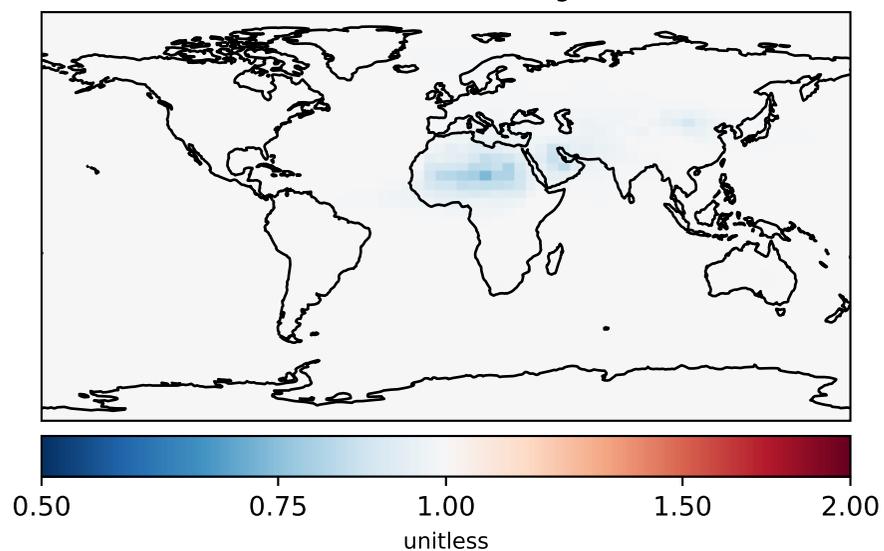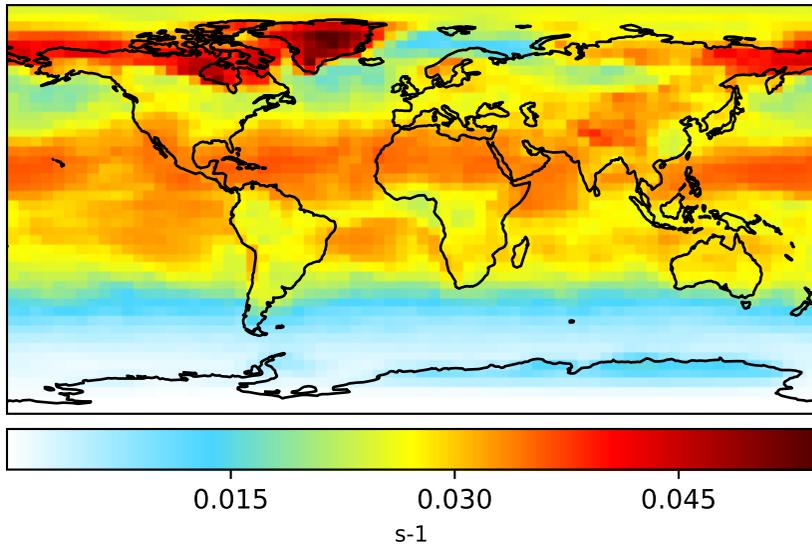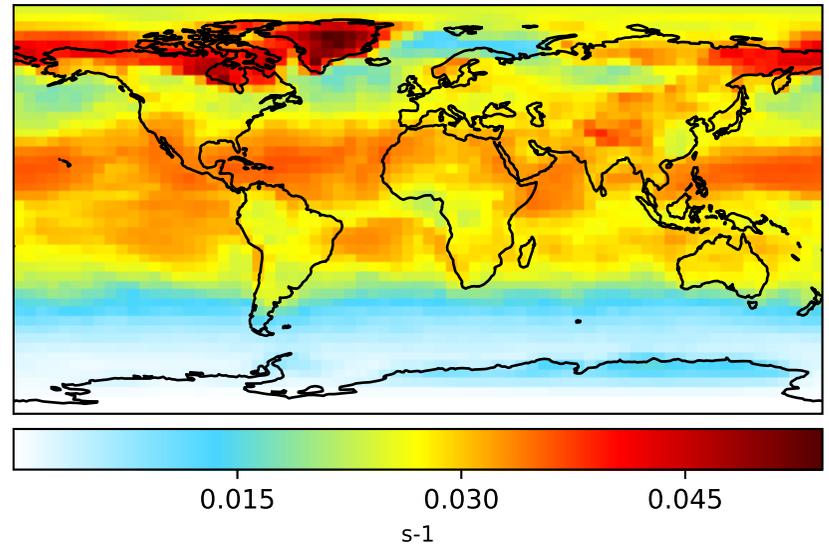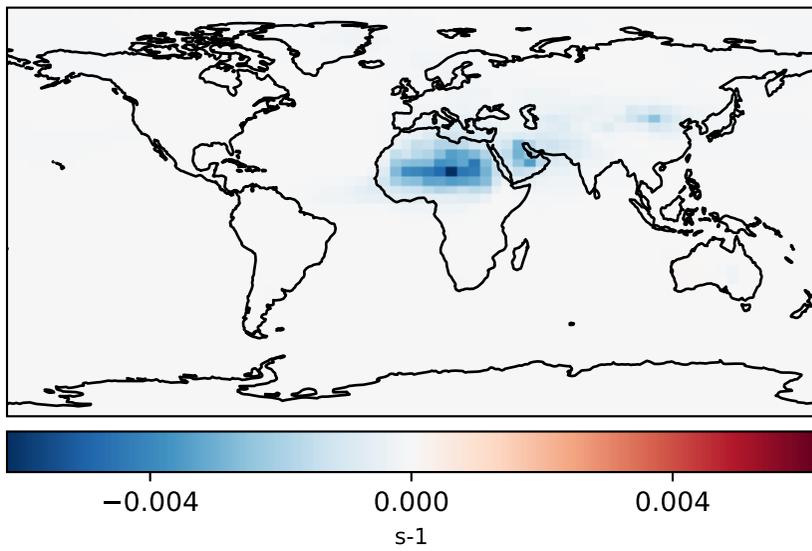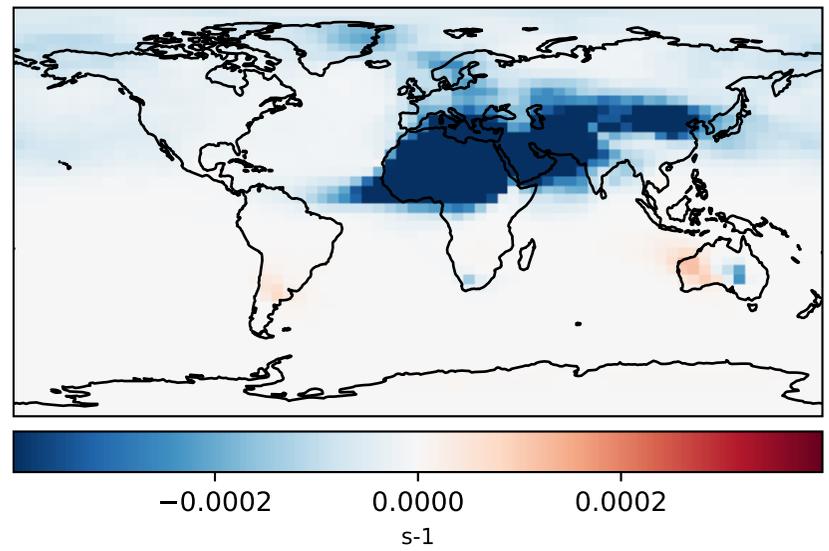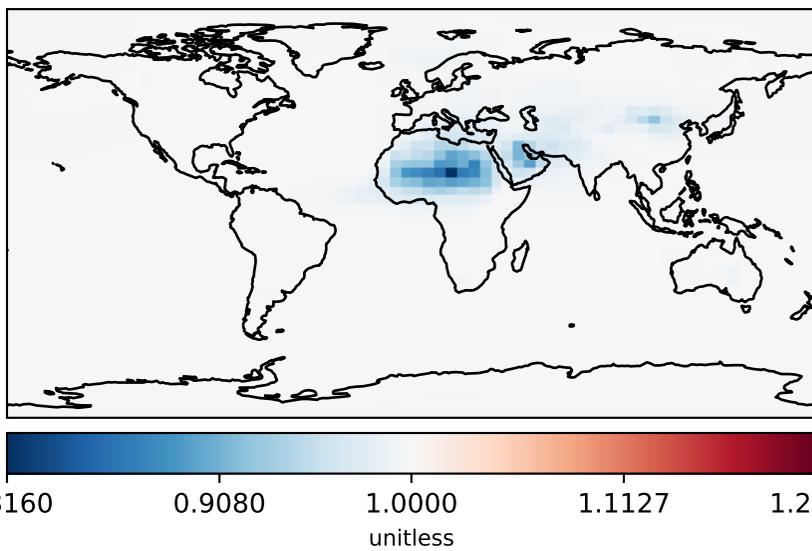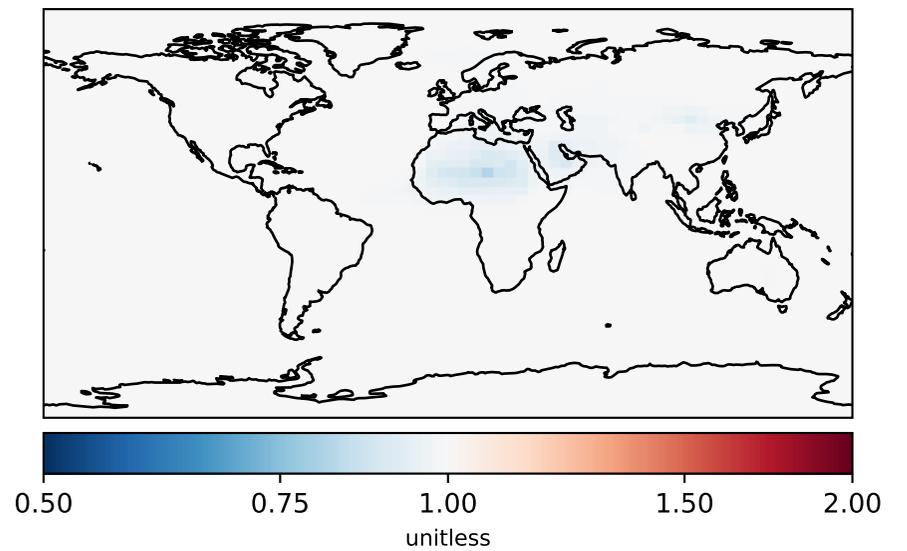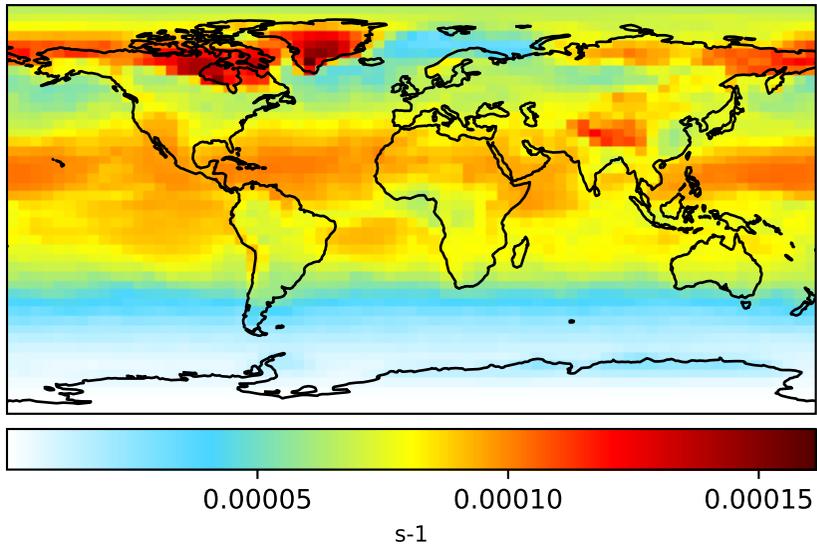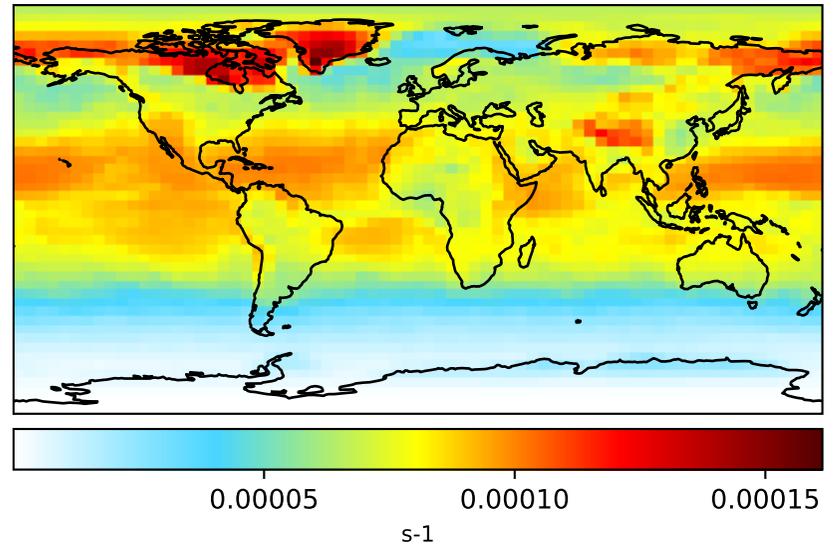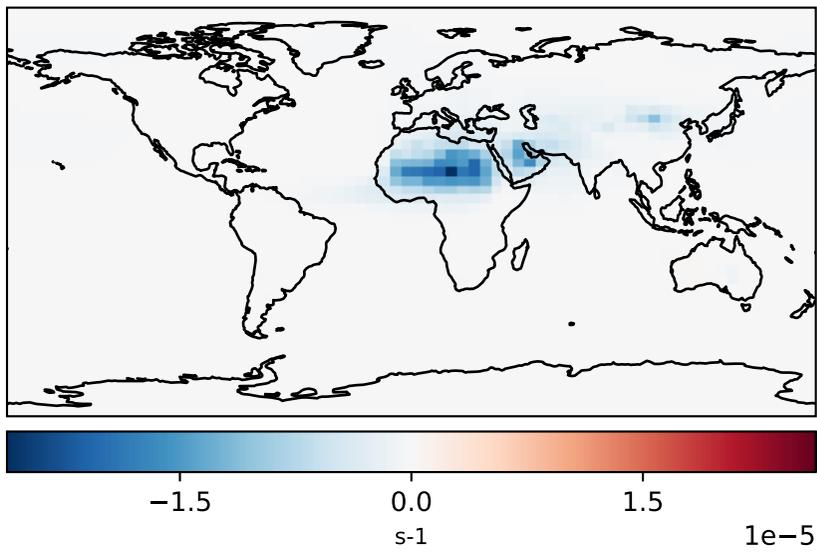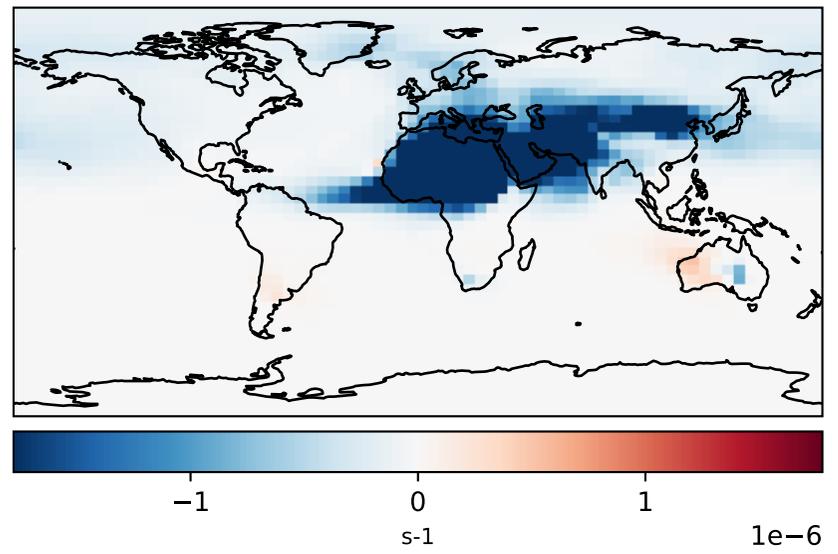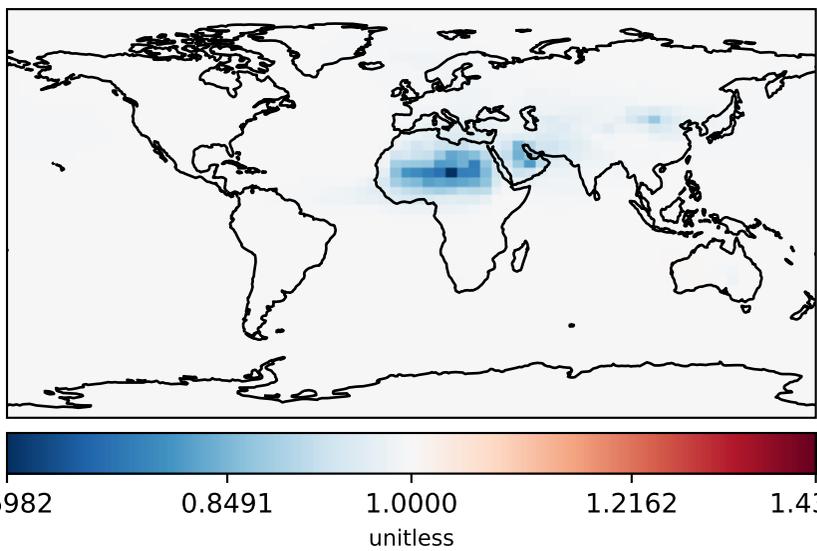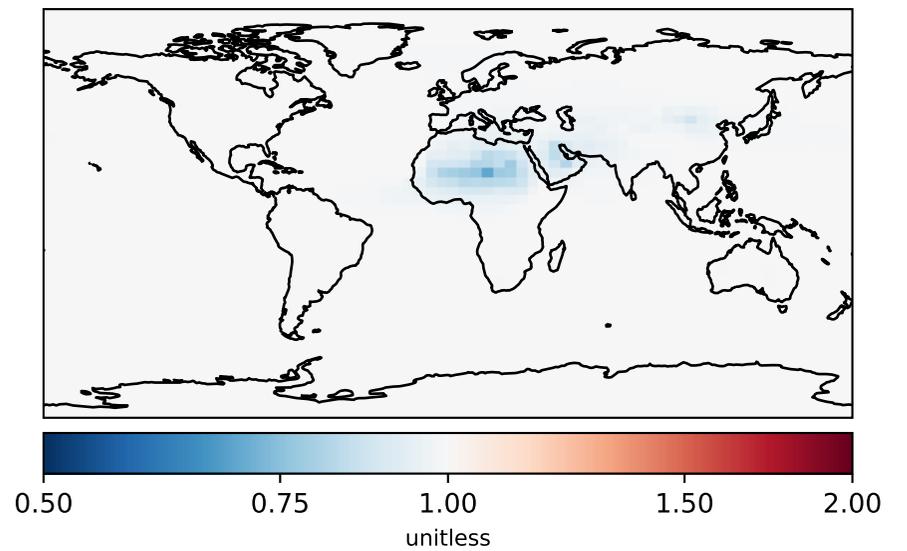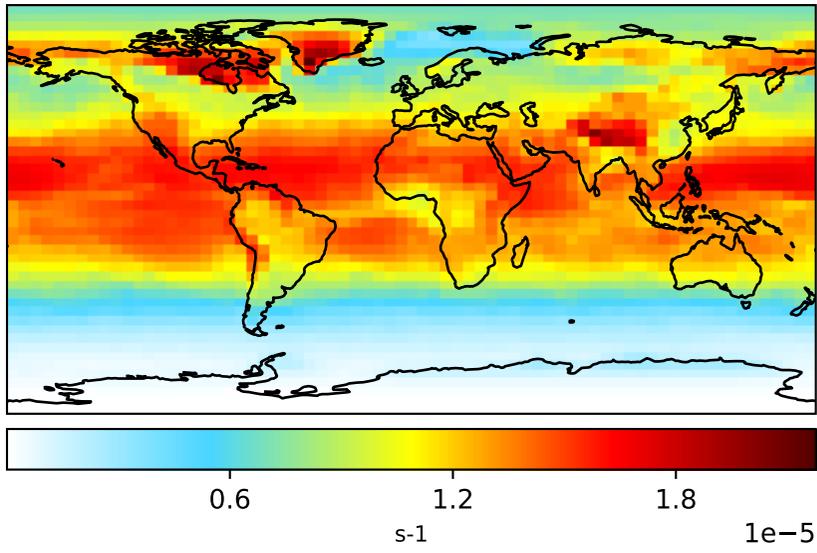Ratio
Dev/Ref, Fixed Range

Jval_HPALD4 (Apr2019)

Jval_HPETHNL (Apr2019)

Jval_I2 (Apr2019)

Jval_I2O2 (Apr2019)

Jval_I2O3 (Apr2019)

Jval_I2O4 (Apr2019)

Jval_IBr (Apr2019)

Jval_ICN (Apr2019)

Jval_ICPDH (Apr2019)

Jval_ICli (Apr2019)

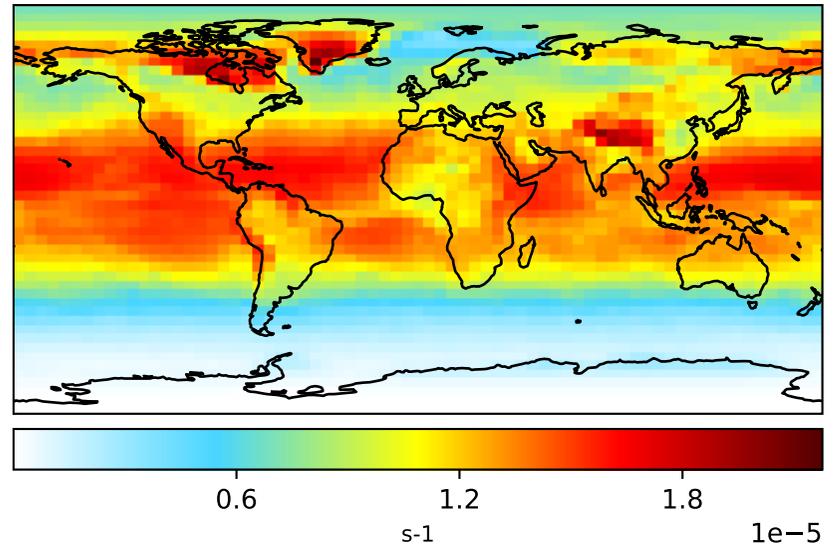Jval_IDCHP (Apr2019)

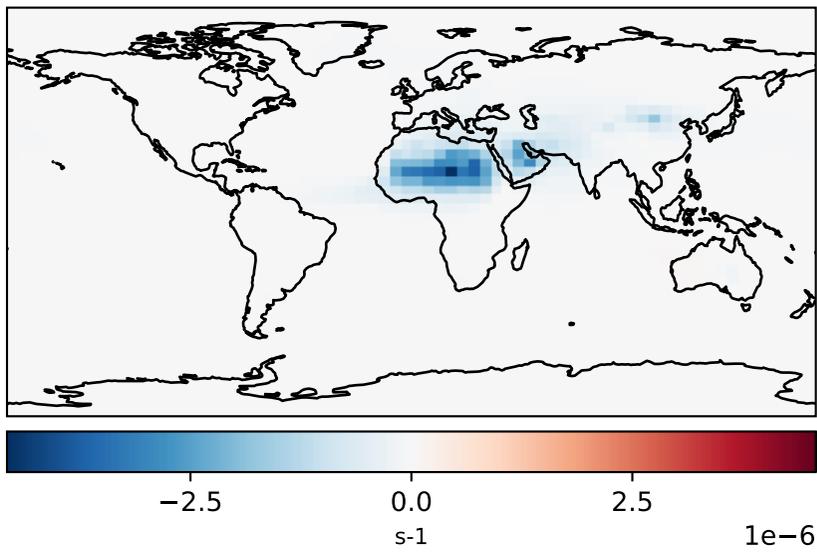# Jval_IDHDP (Apr2019)

Jval_IDHPE (Apr2019)
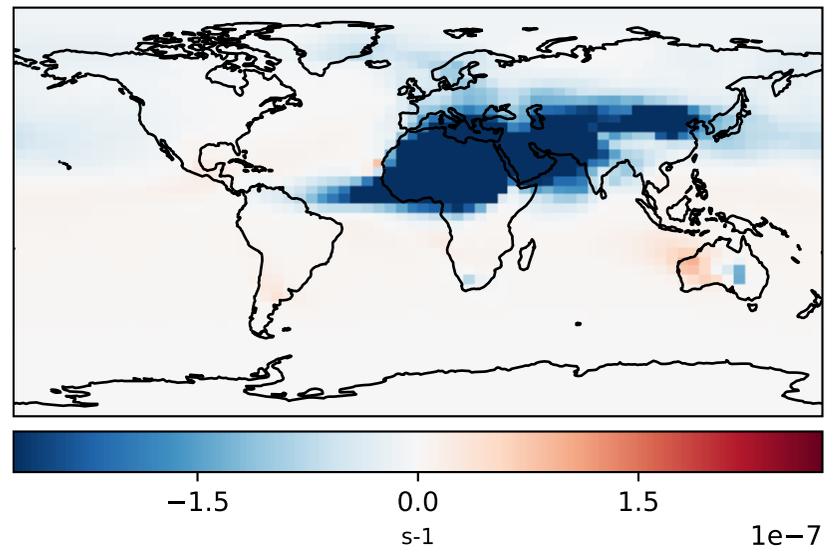

gcc.14.5.0-rc.0 (Ref)
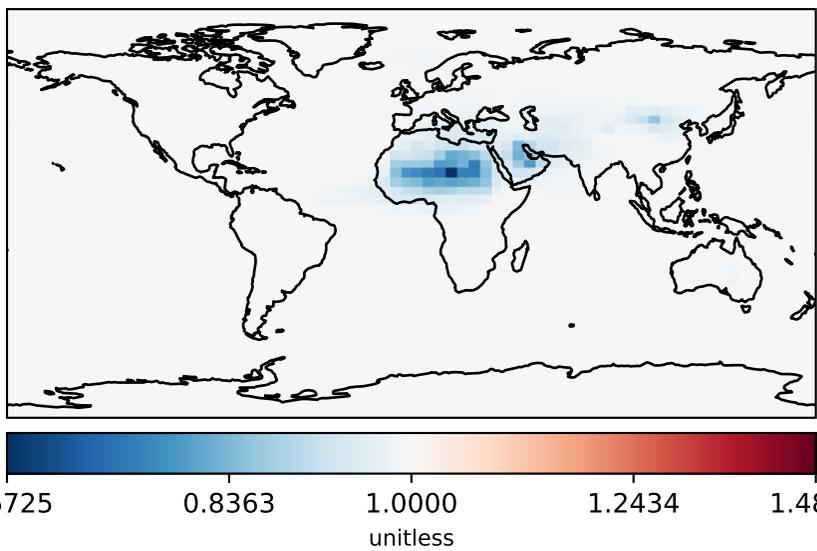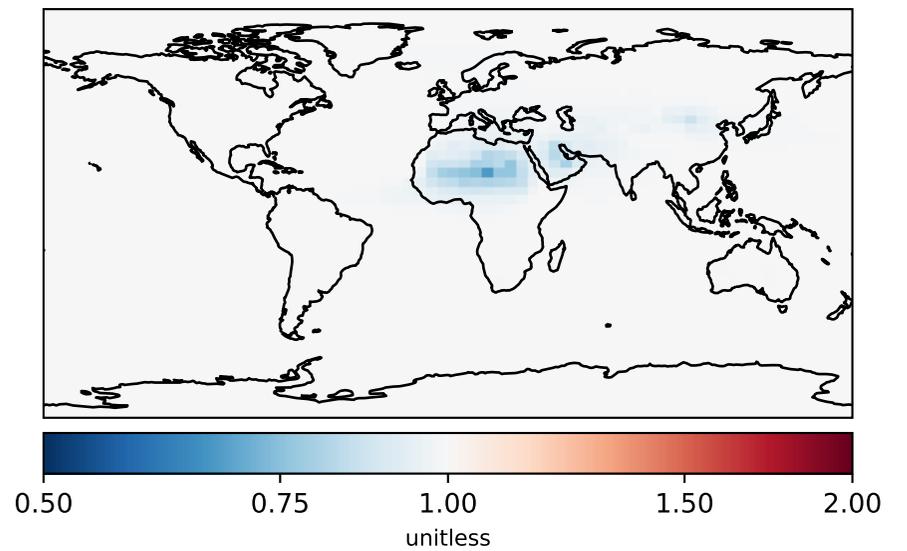4.0x5.0

gcc.14.7.0-rc.0 (Dev)
4.0x5.0

Difference
Dev - Ref, Dynamic Range

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

Ratio
Dev/Ref, Dynamic Range
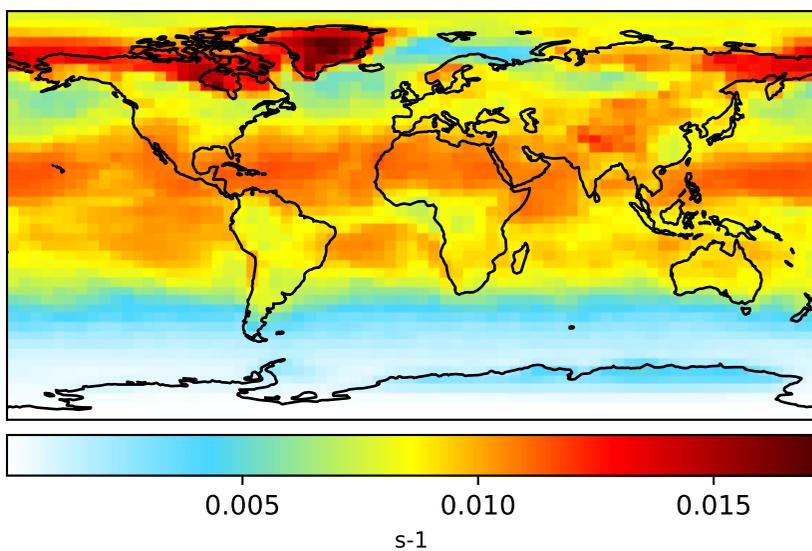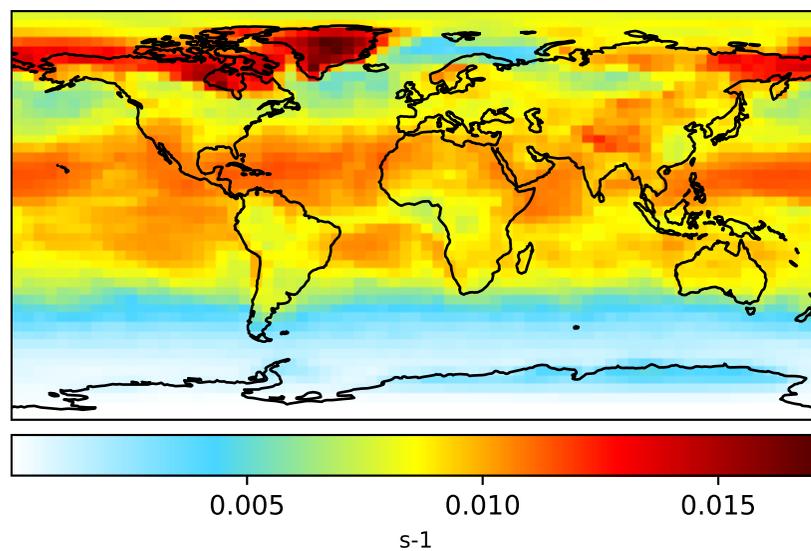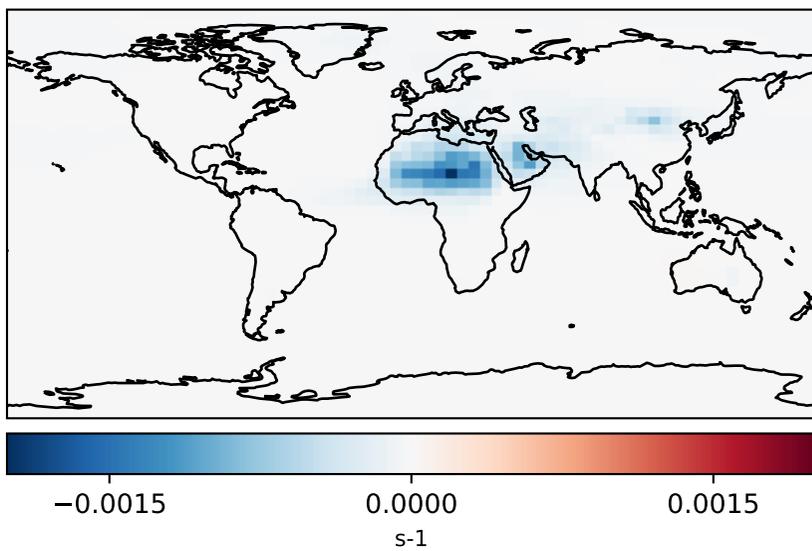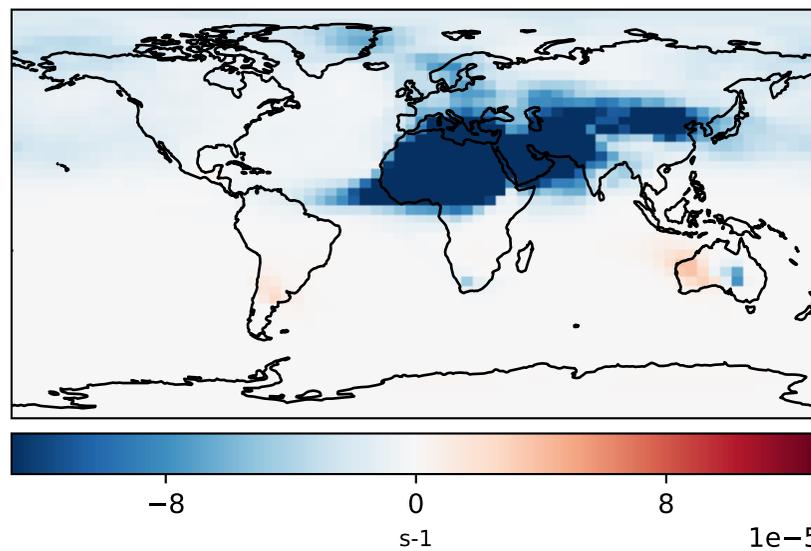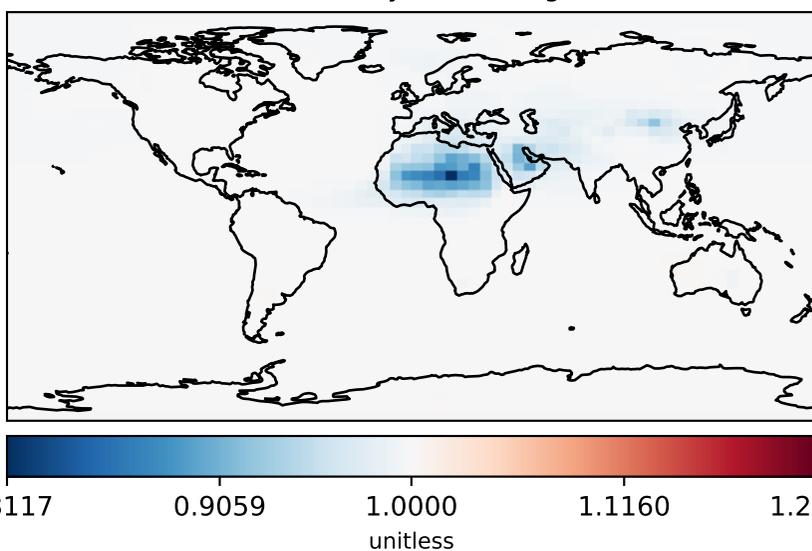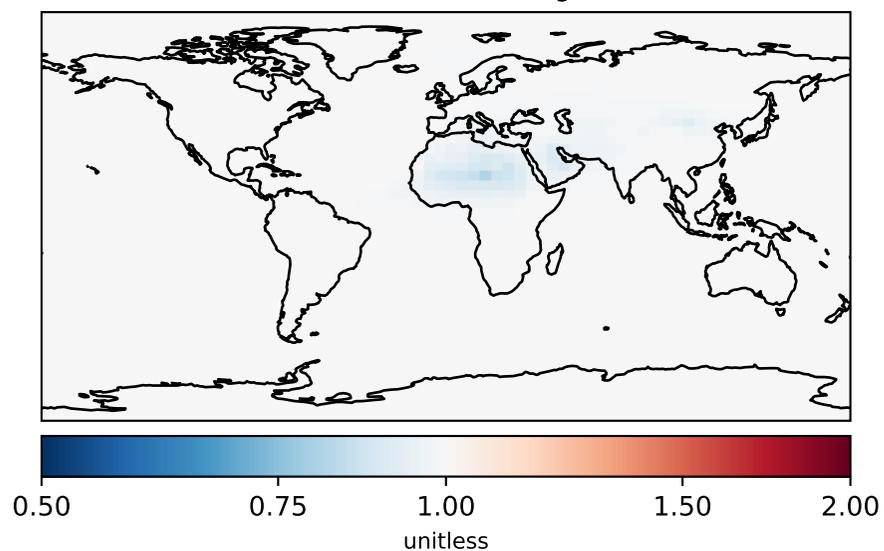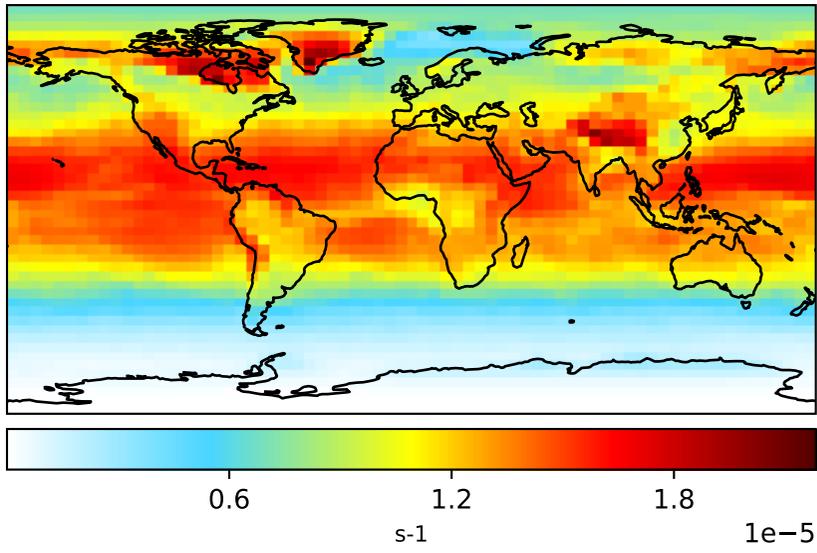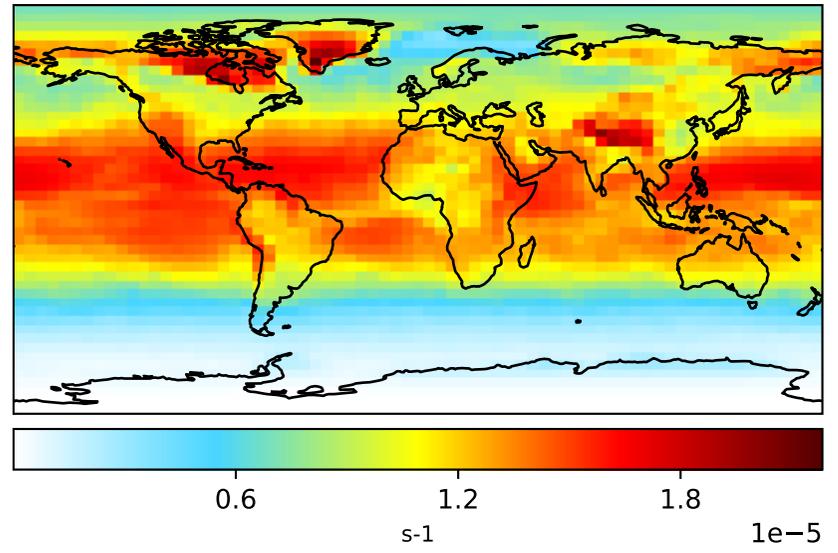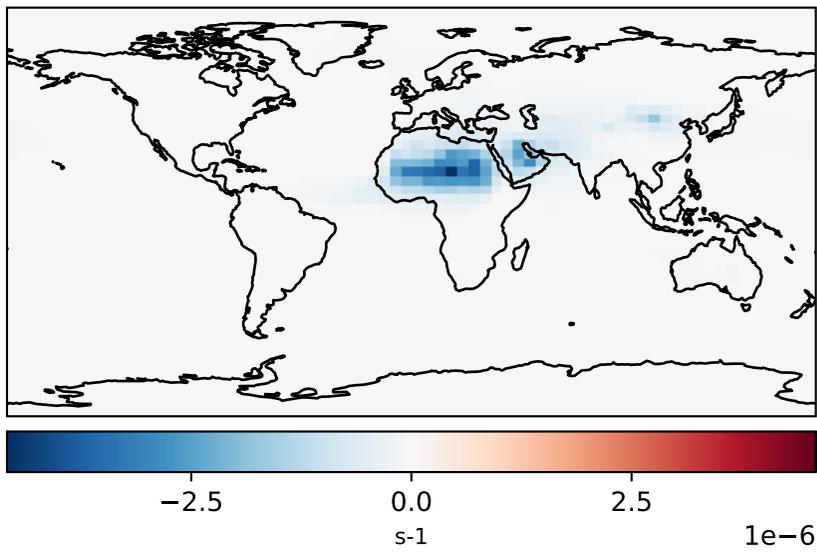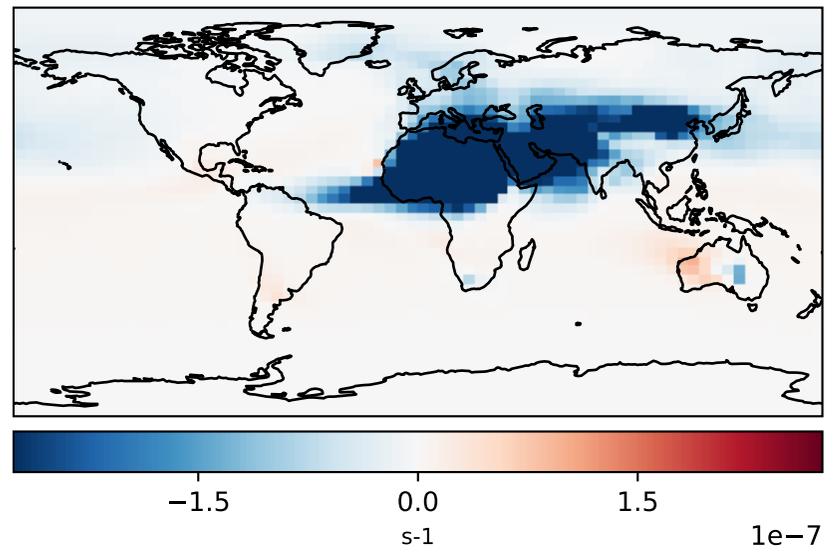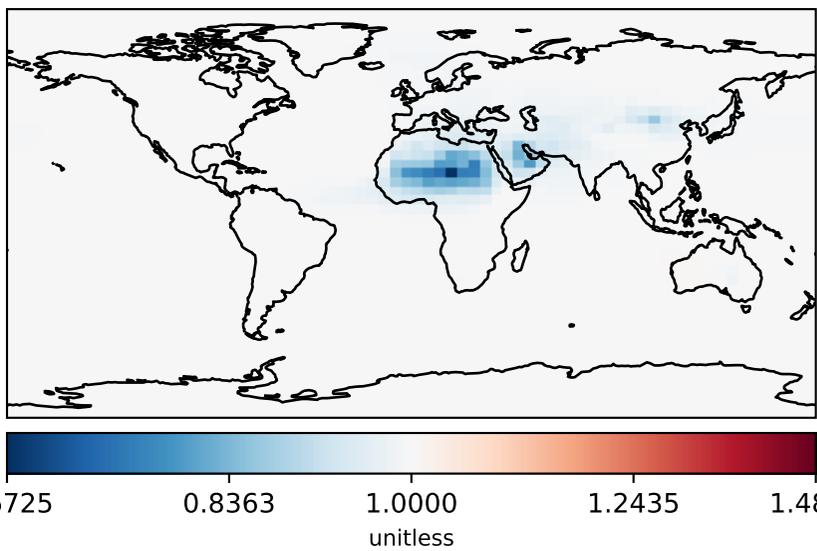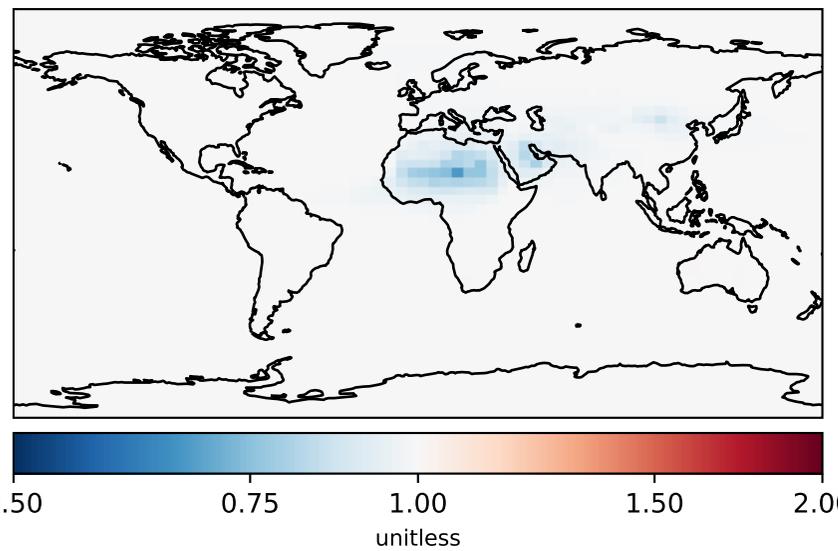
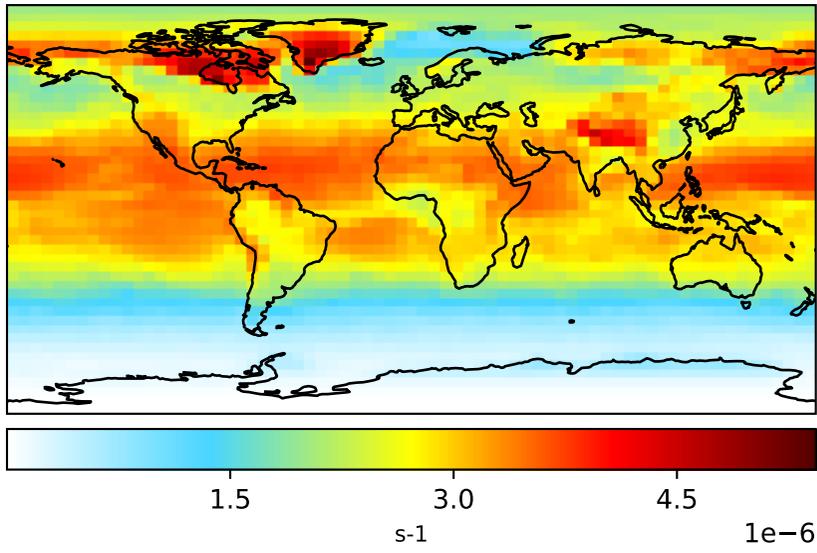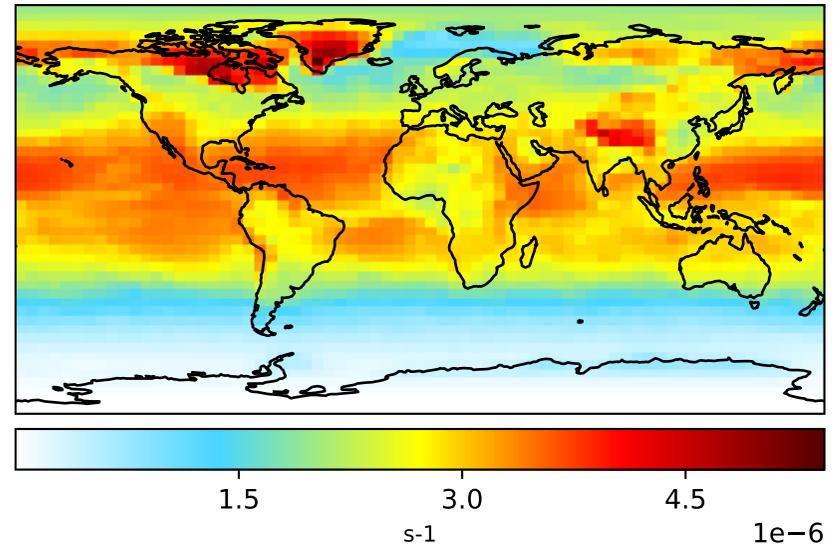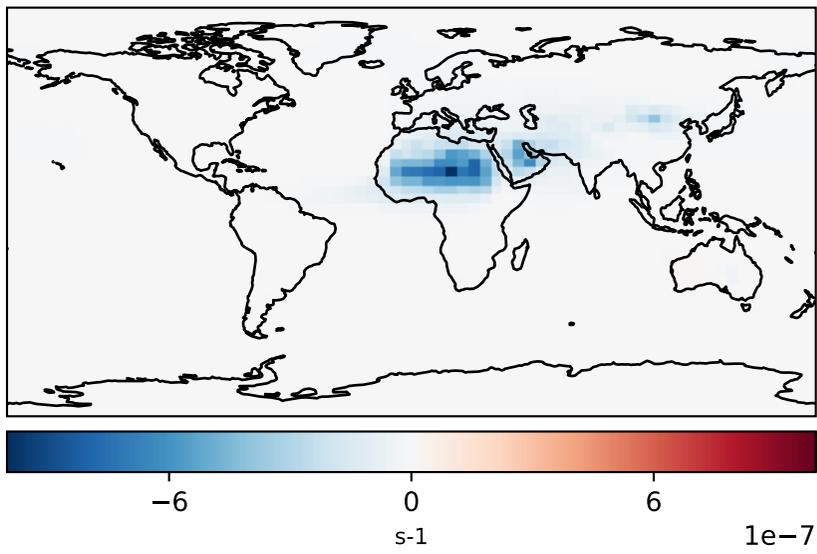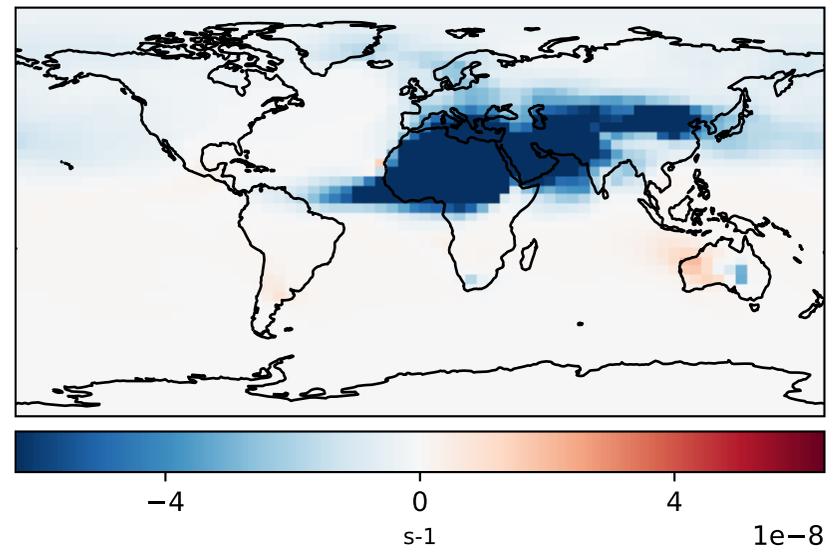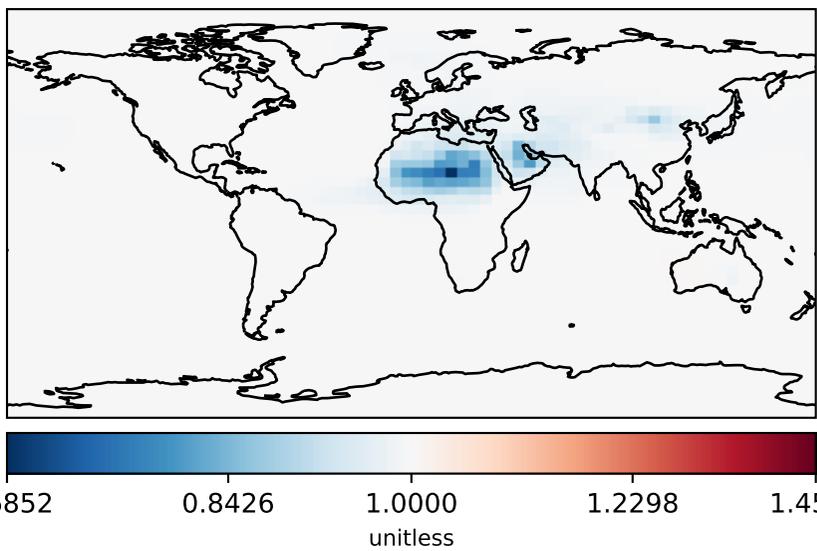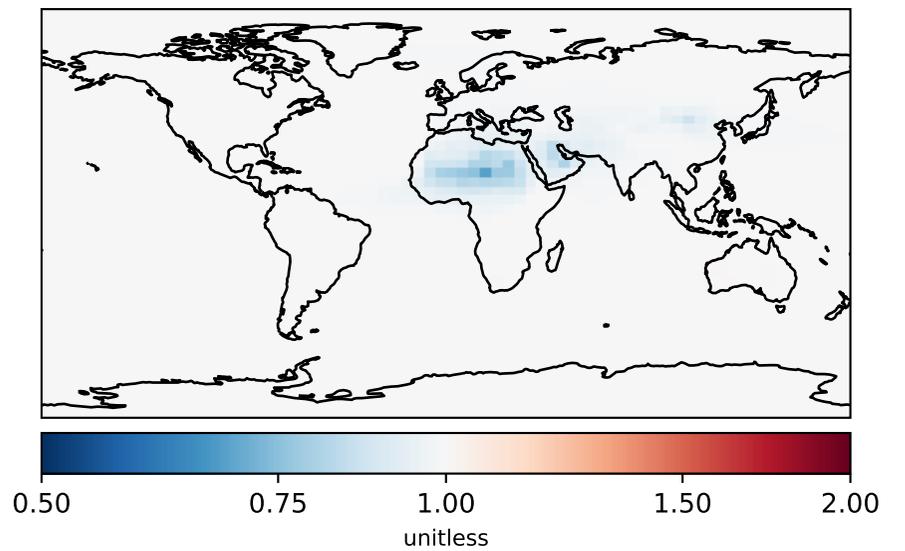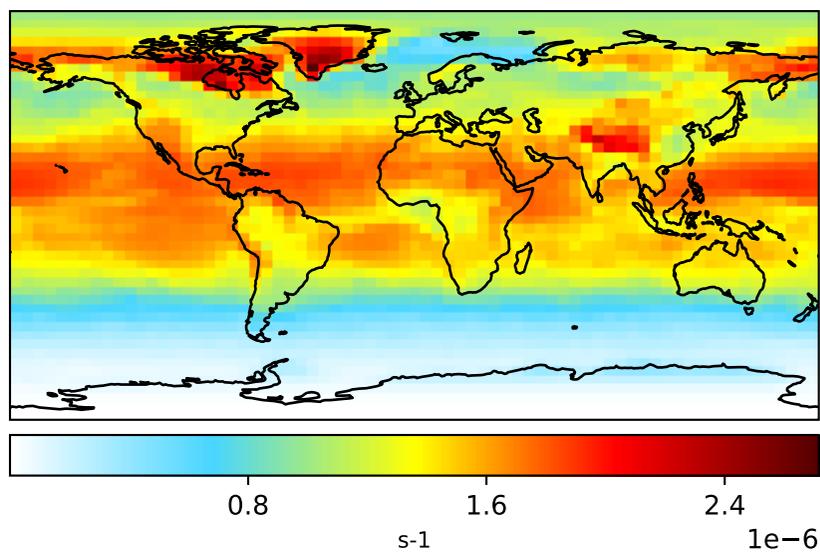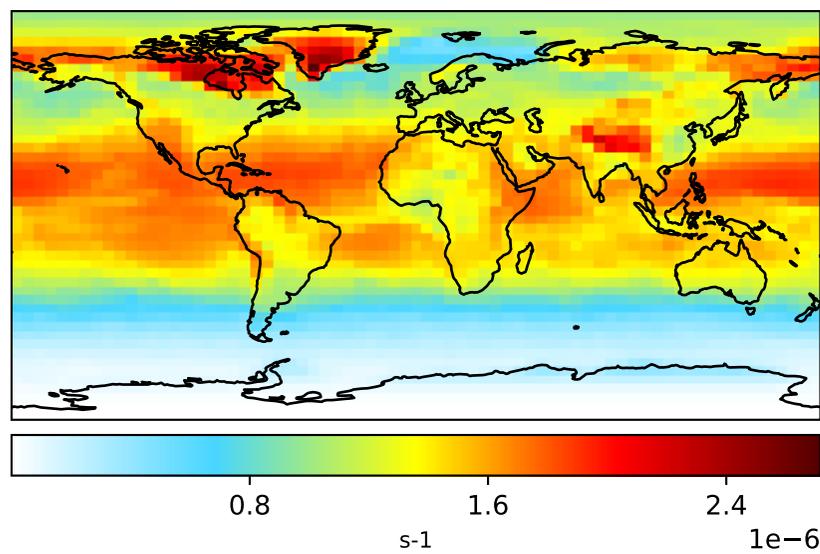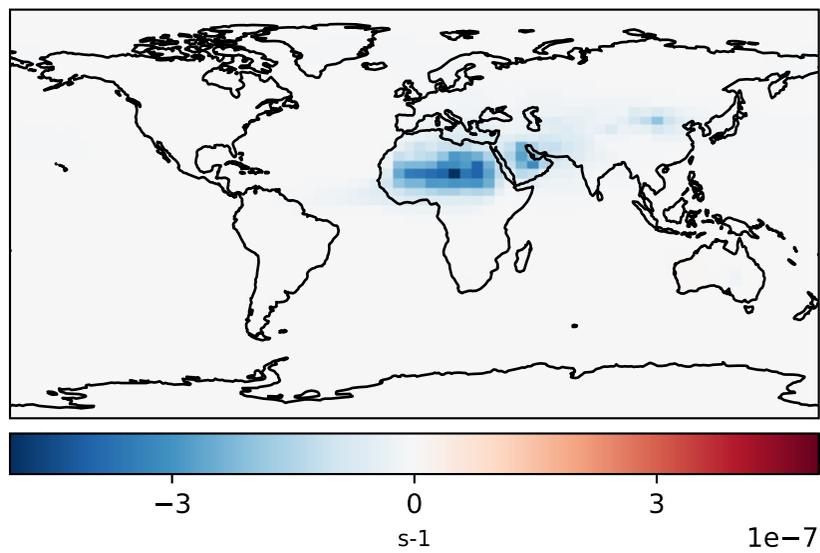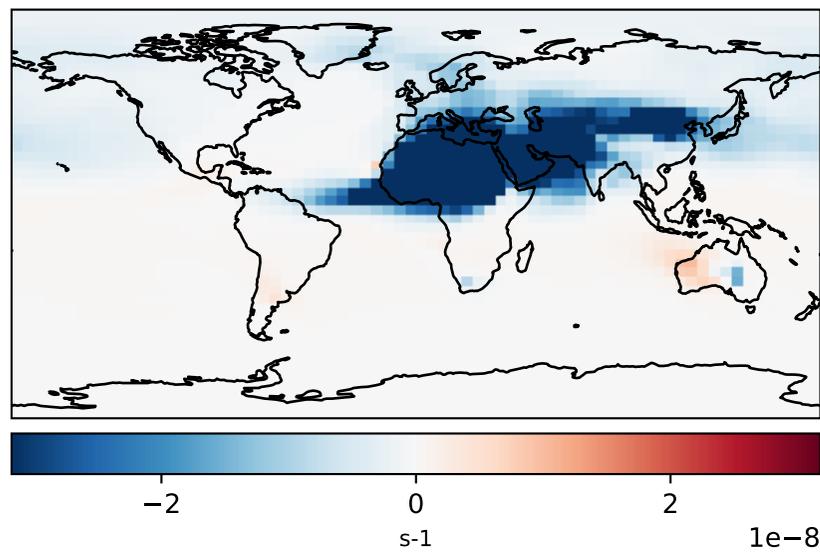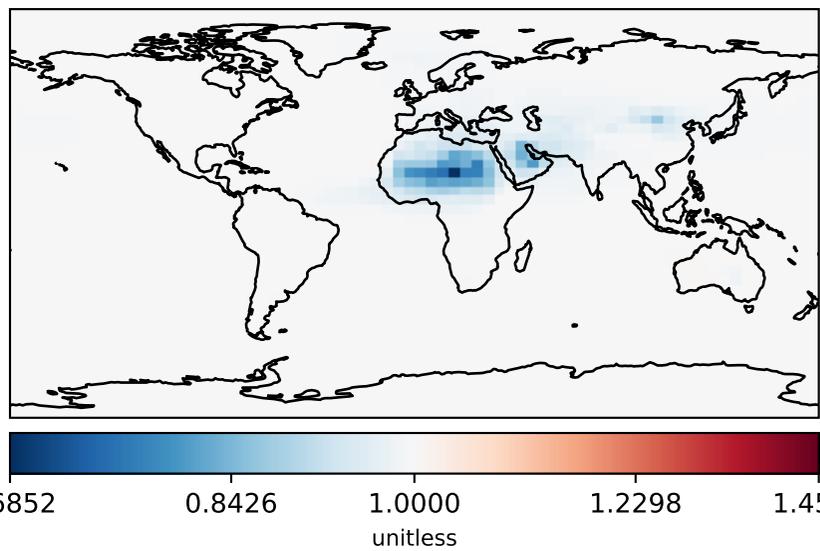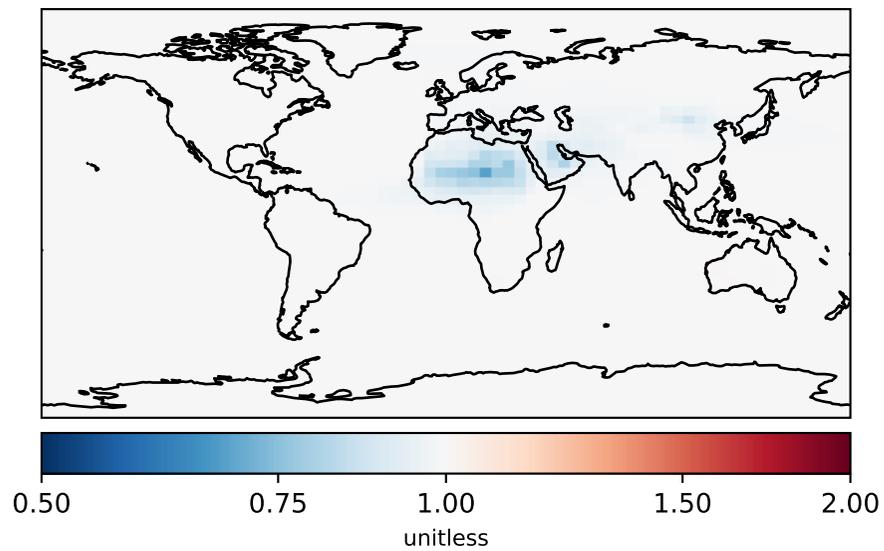Ratio
Dev/Ref, Fixed Range

Jval_IDN (Apr2019)

gcc.14.5.0-rc.0 (Ref)
4.0x5.0

gcc.14.7.0-rc.0 (Dev)
4.0x5.0

Difference
Dev - Ref, Dynamic Range

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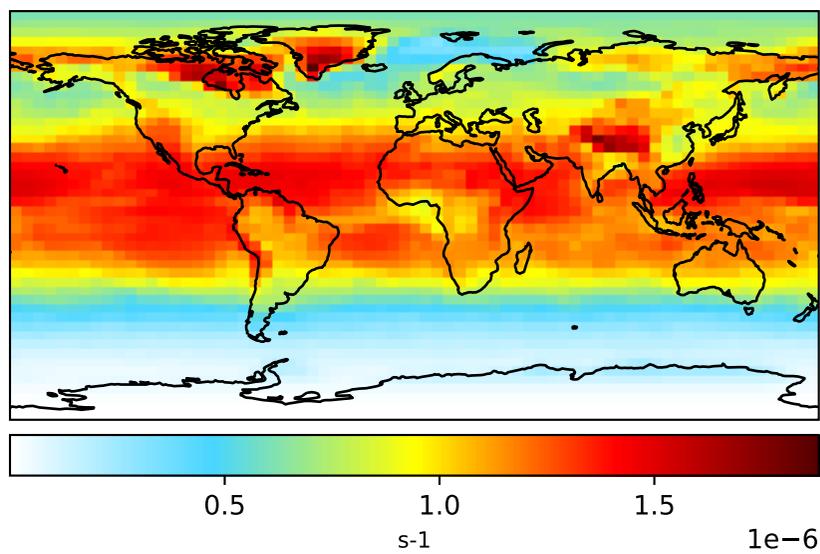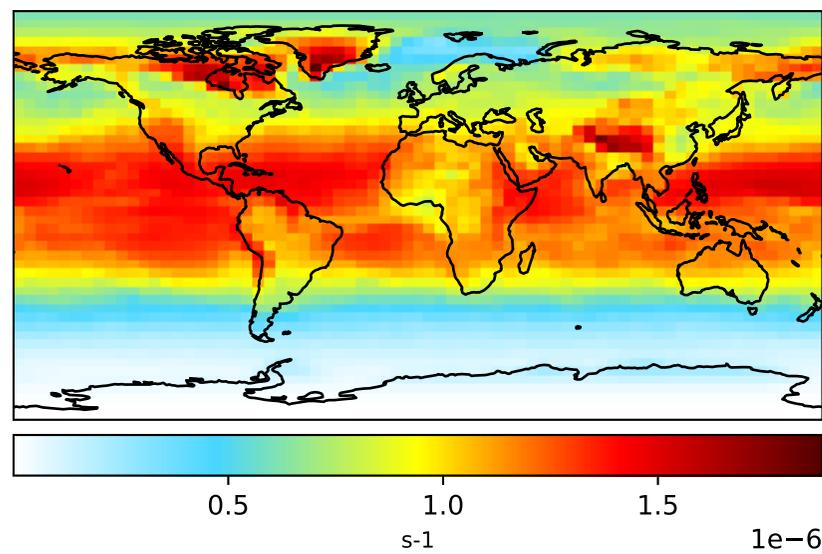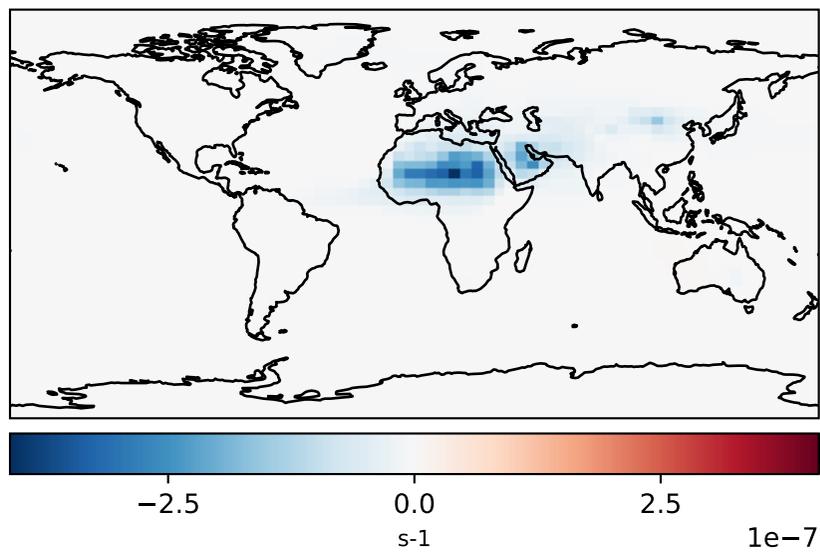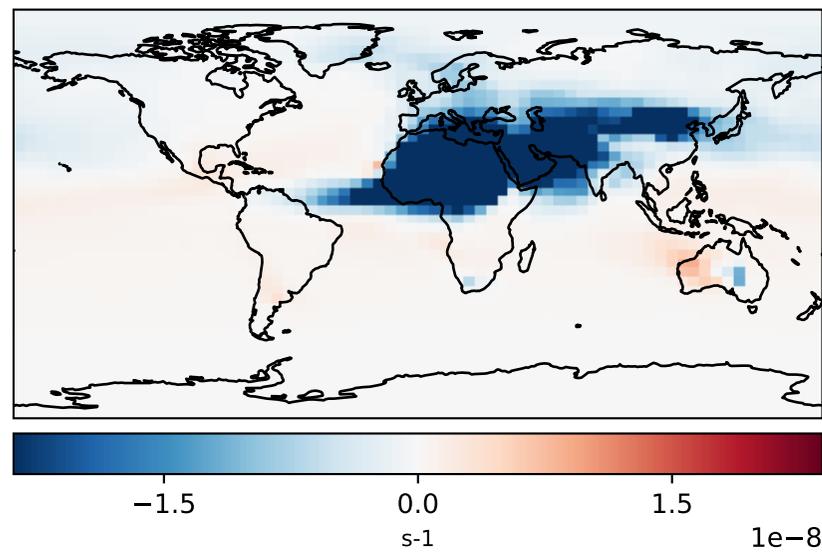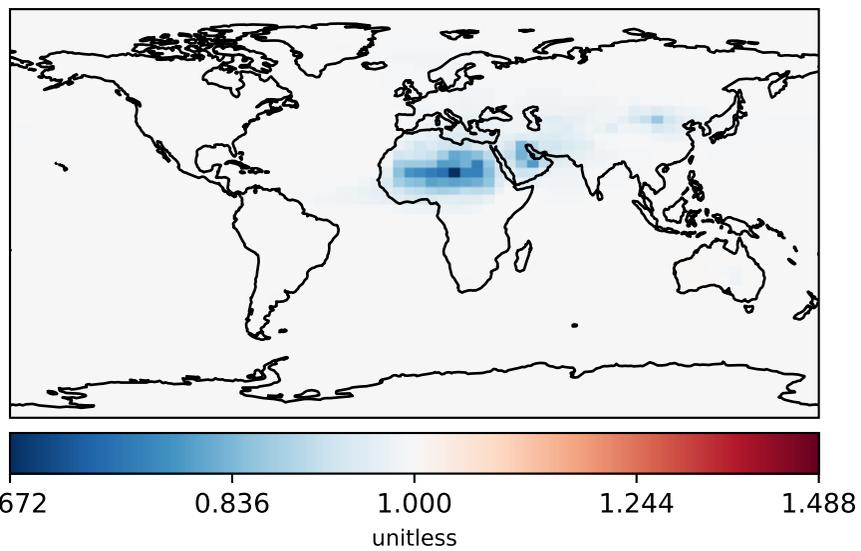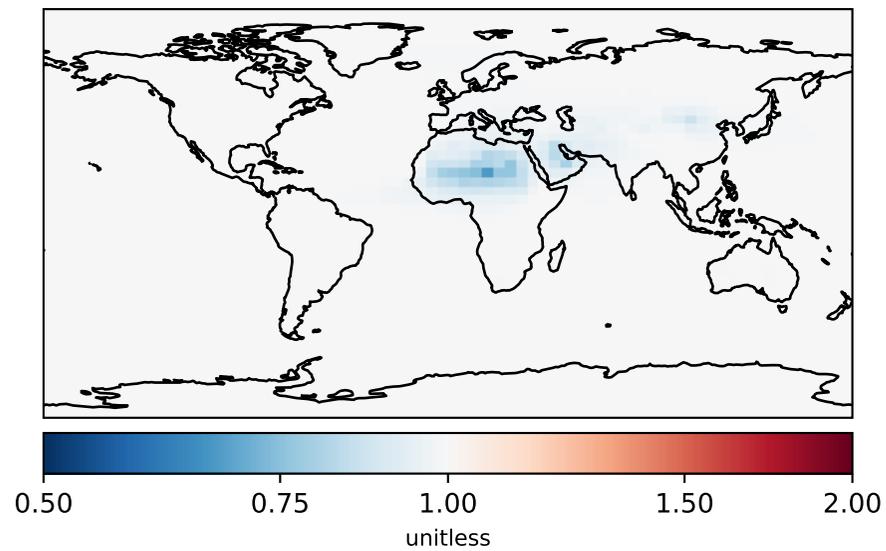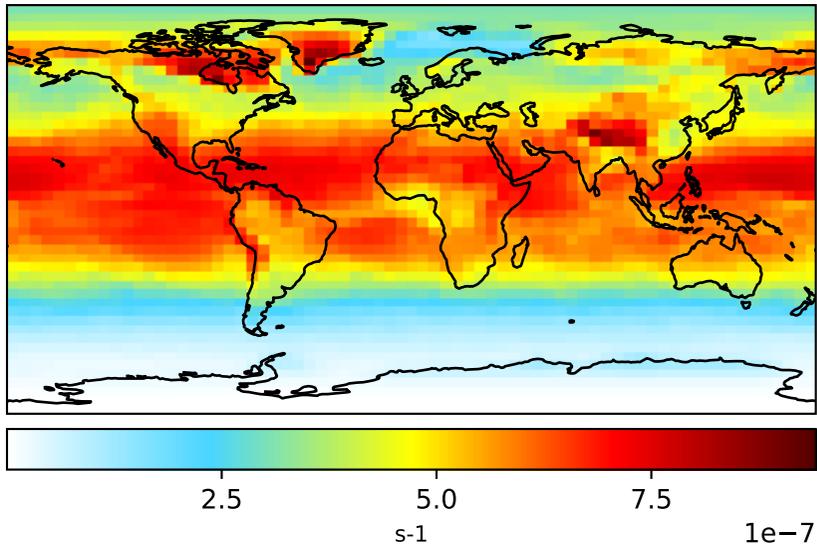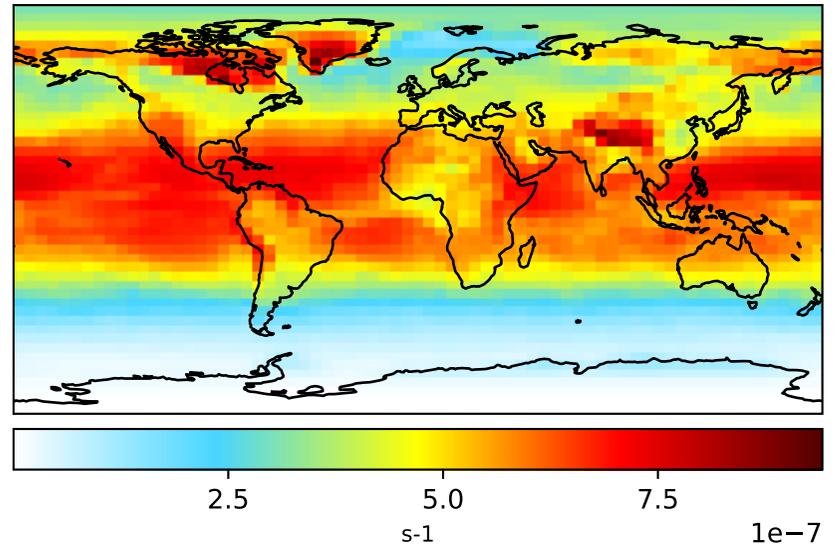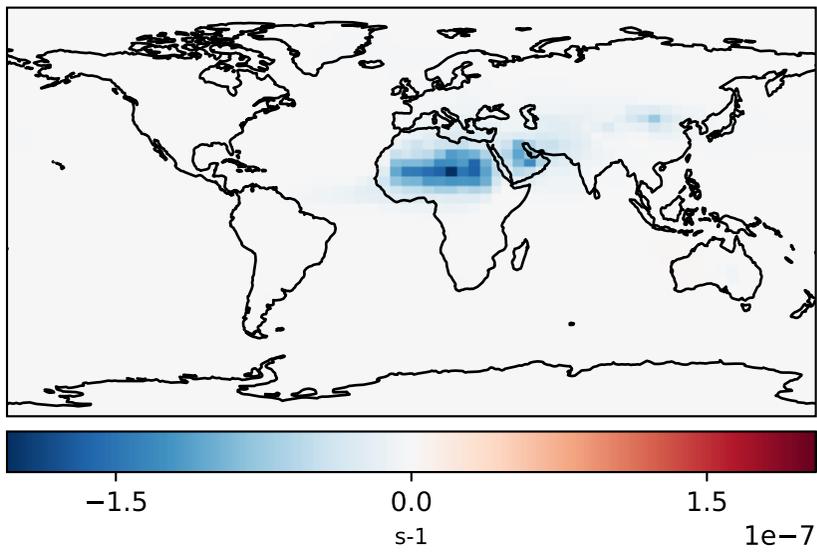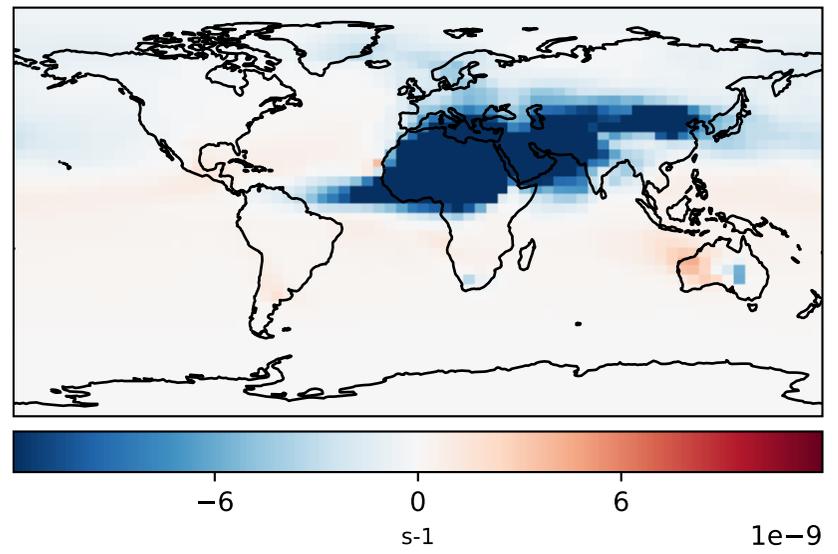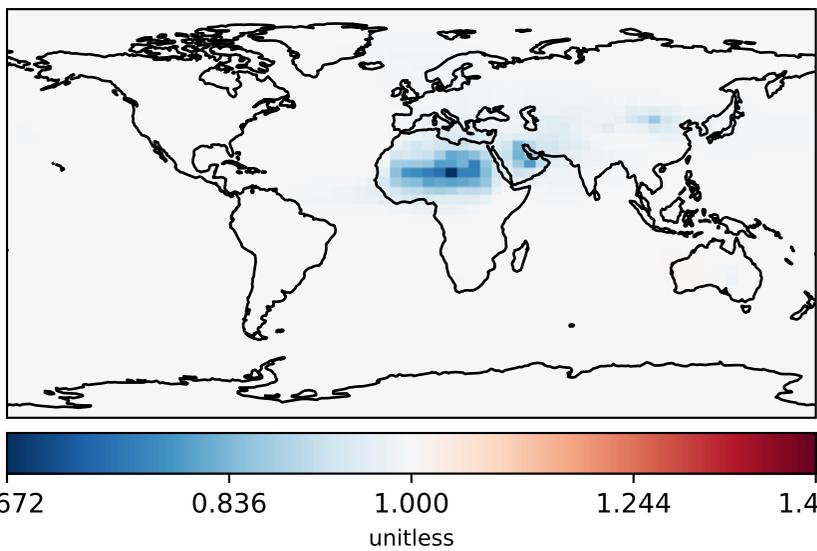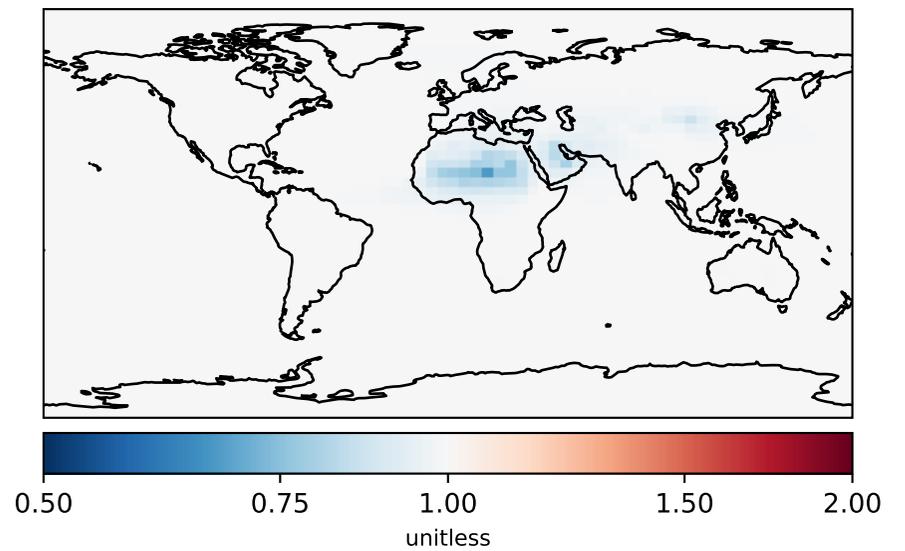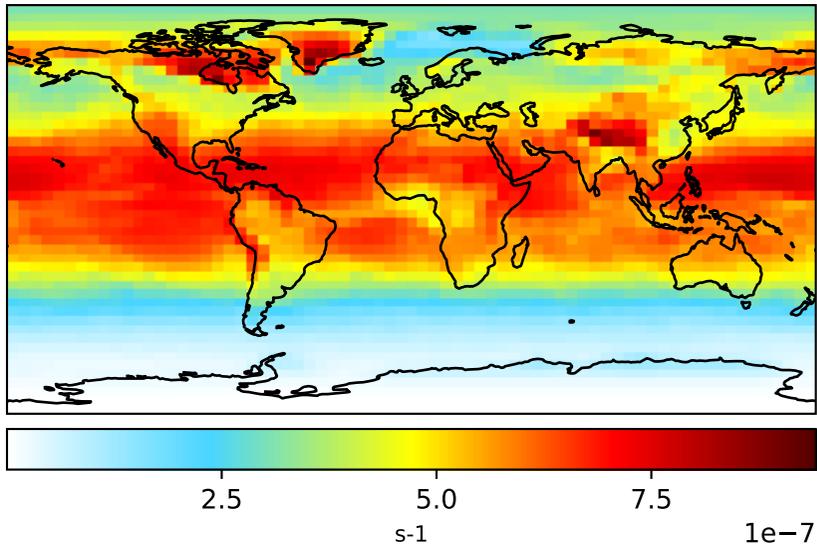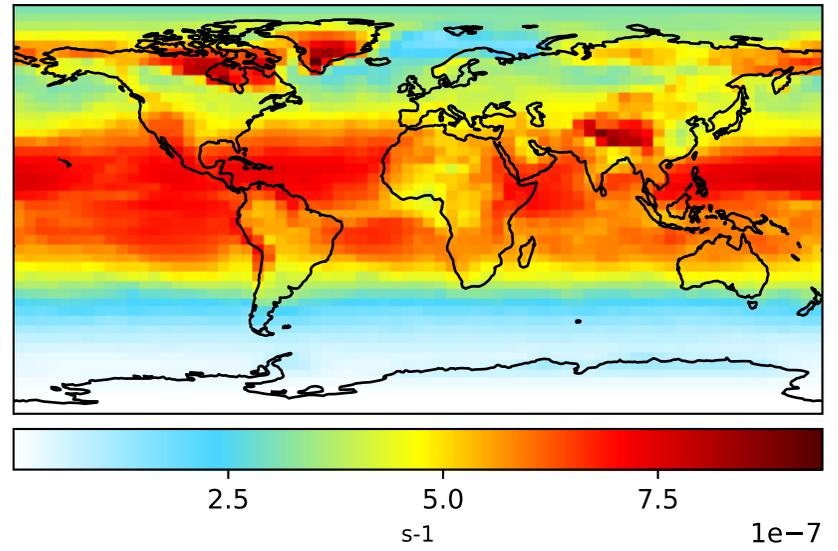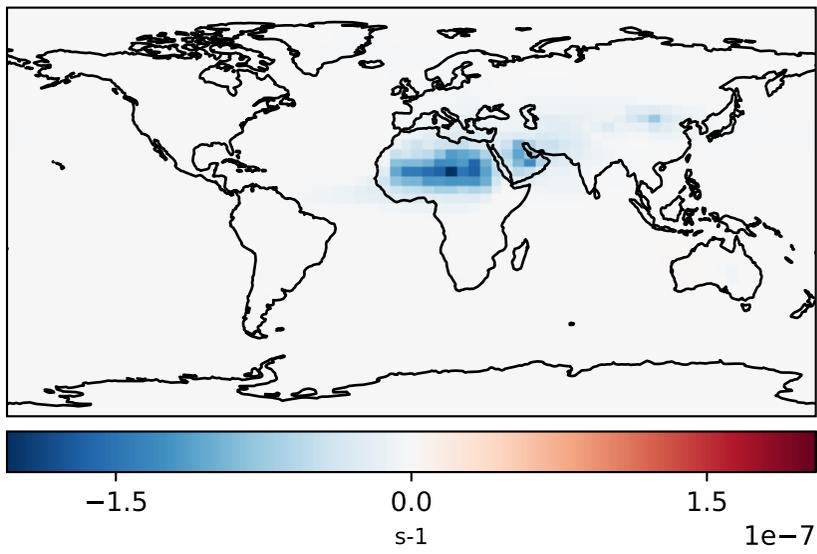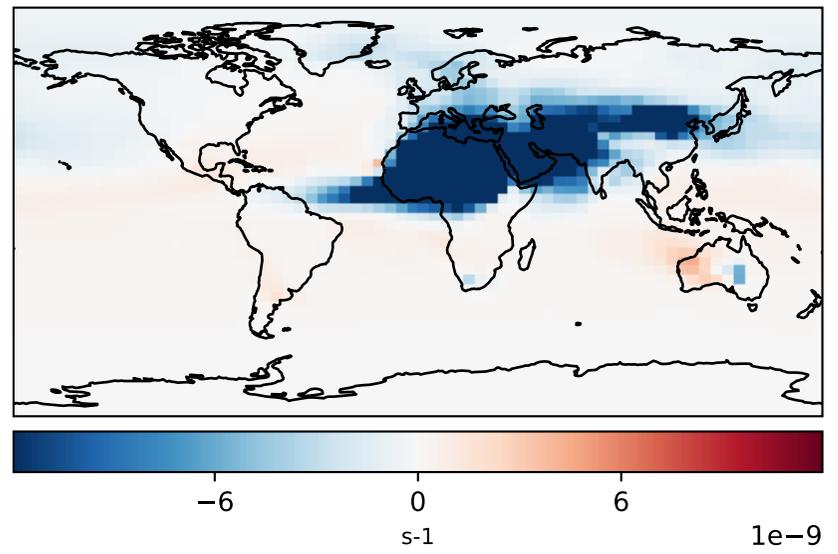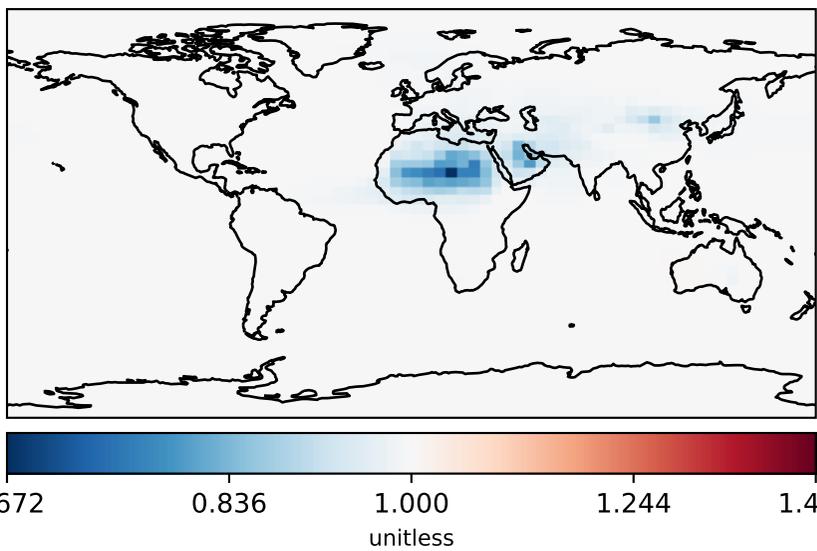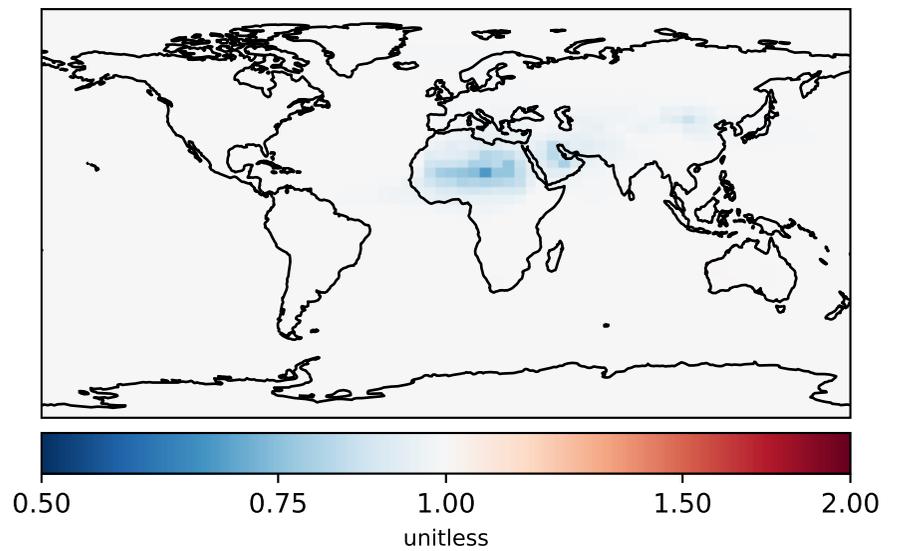Dev - Ref, Restricted Range [5%,95%]

Ratio
Dev/Ref, Dynamic Range

Ratio
Dev/Ref, Fixed Range

Jval_IHN1 (Apr2019)

Jval_IHN2 (Apr2019)

Jval_IHN3 (Apr2019)

Jval_IHN4 (Apr2019)

Jval_INO (Apr2019)

Jval_INPB (Apr2019)

gcc.14.5.0-rc.0 (Ref)
4.0x5.0

gcc.14.7.0-rc.0 (Dev)
4.0x5.0

Difference
Dev - Ref, Dynamic Range

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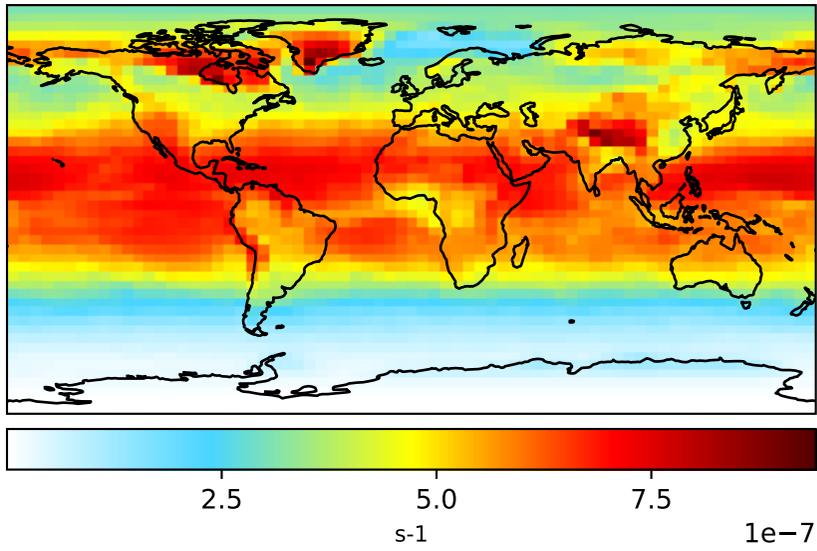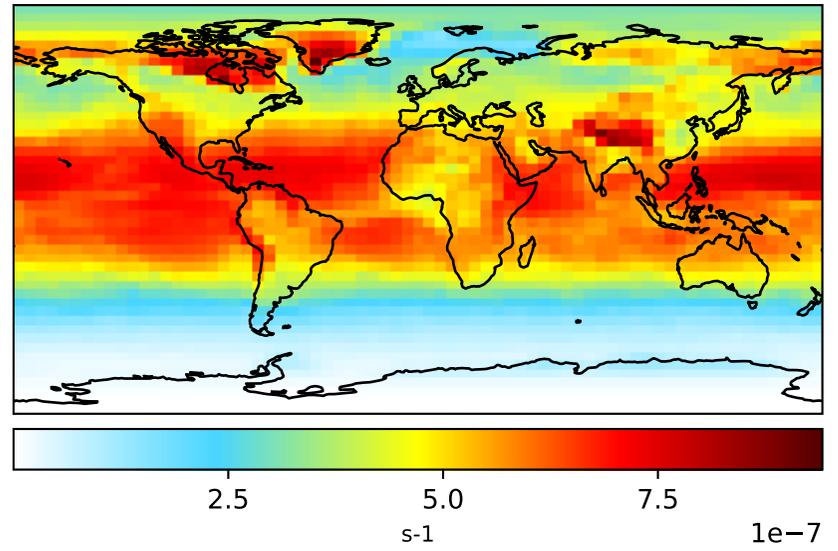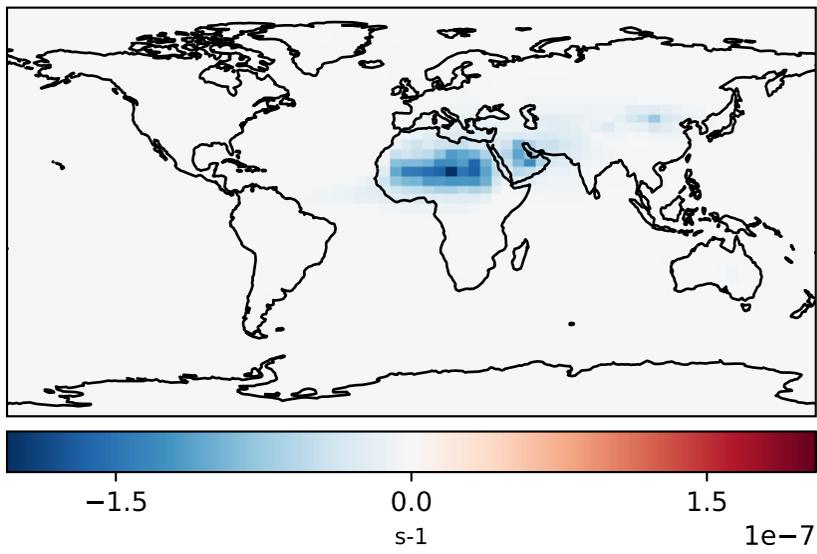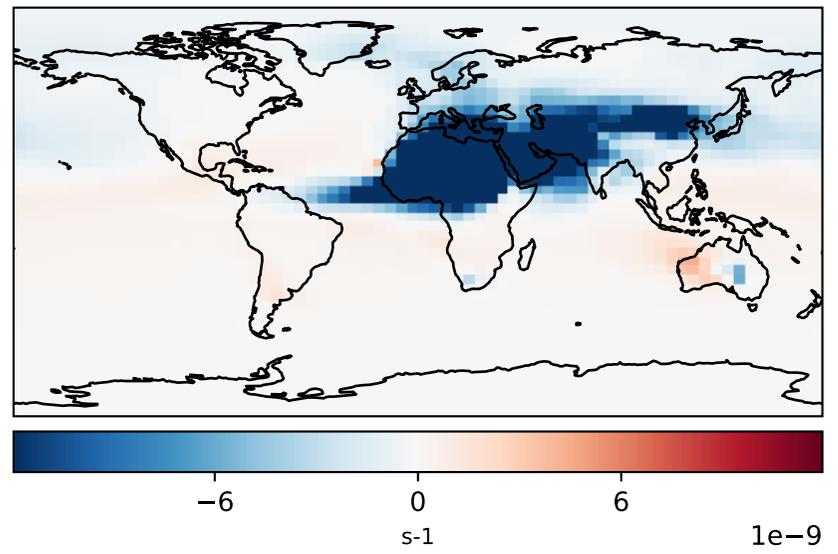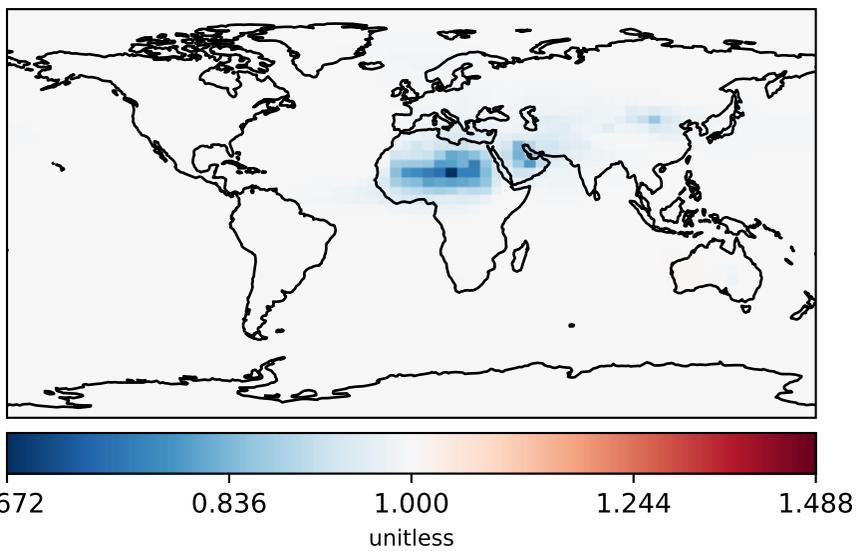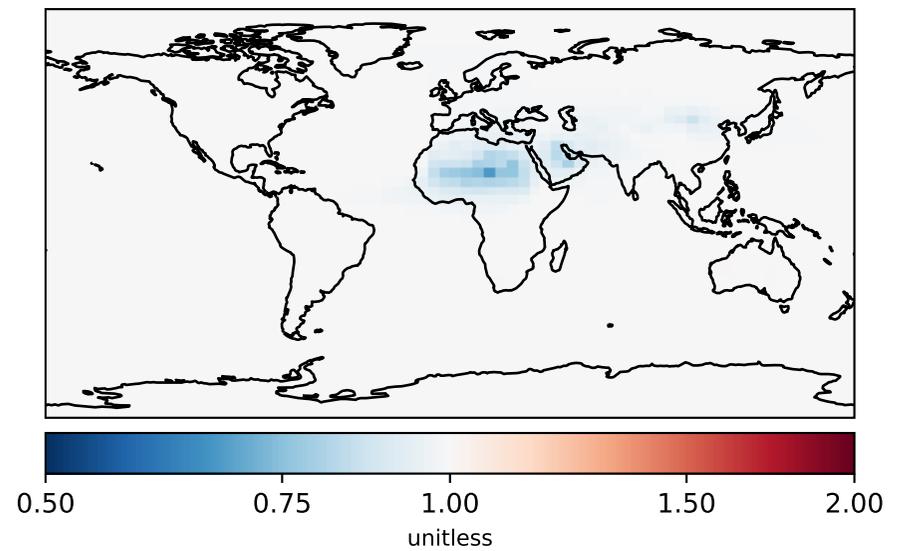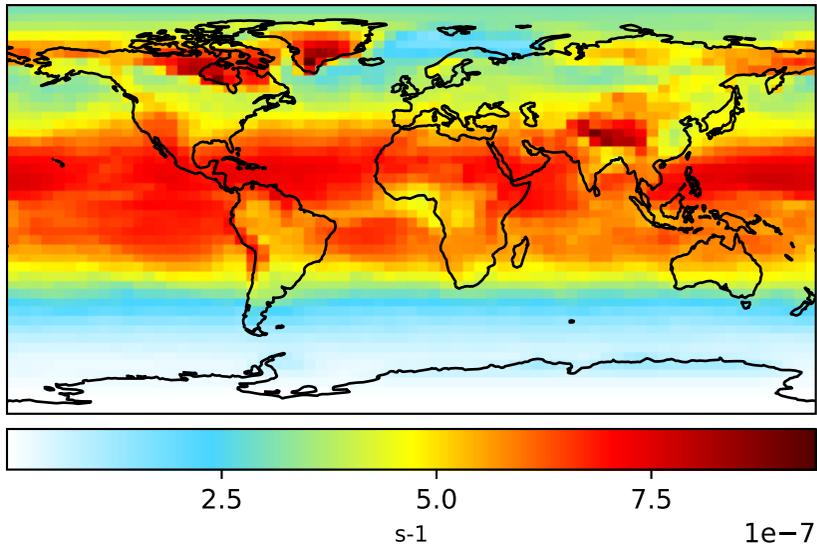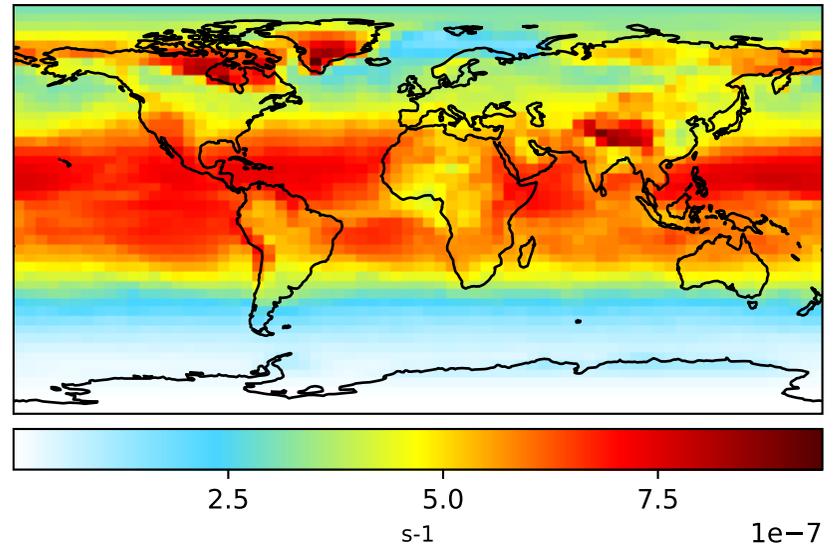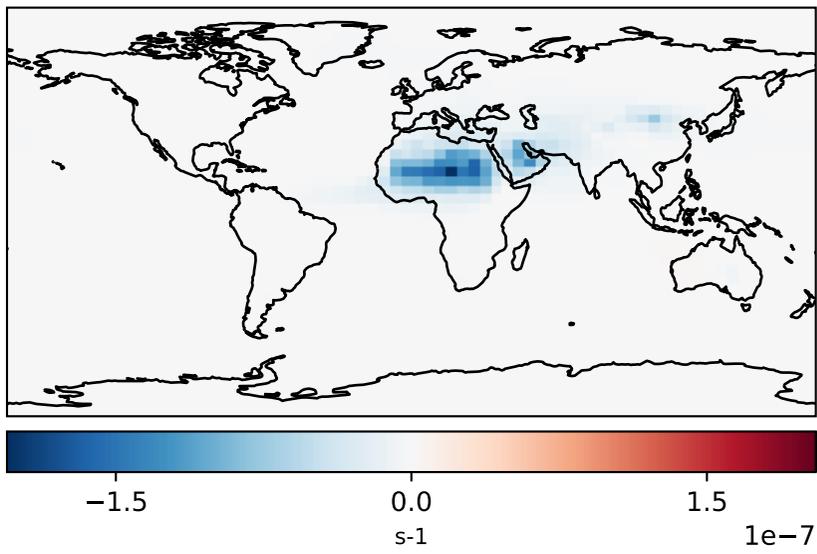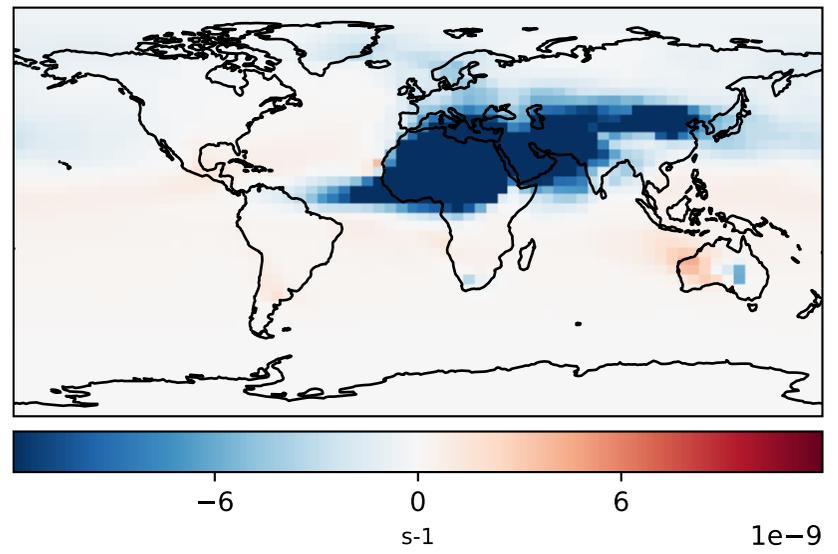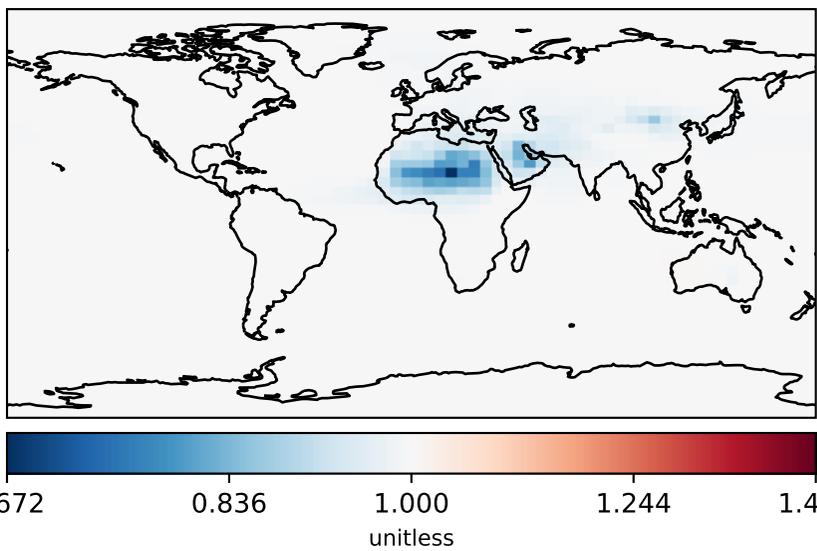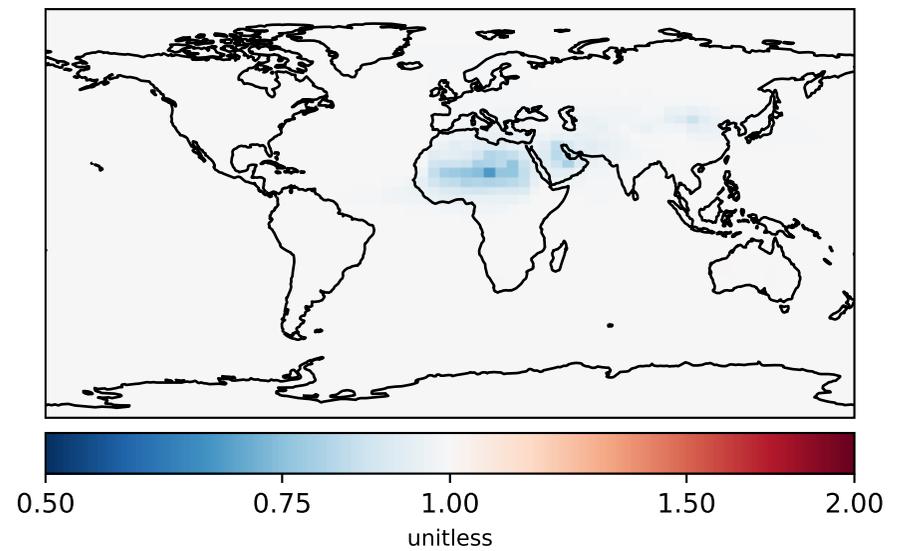Dev - Ref, Restricted Range [5%,95%]

Ratio
Dev/Ref, Dynamic Range

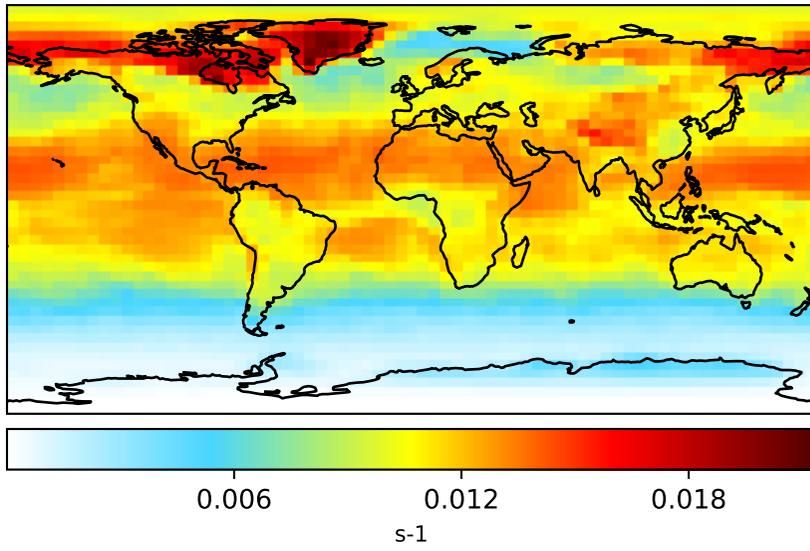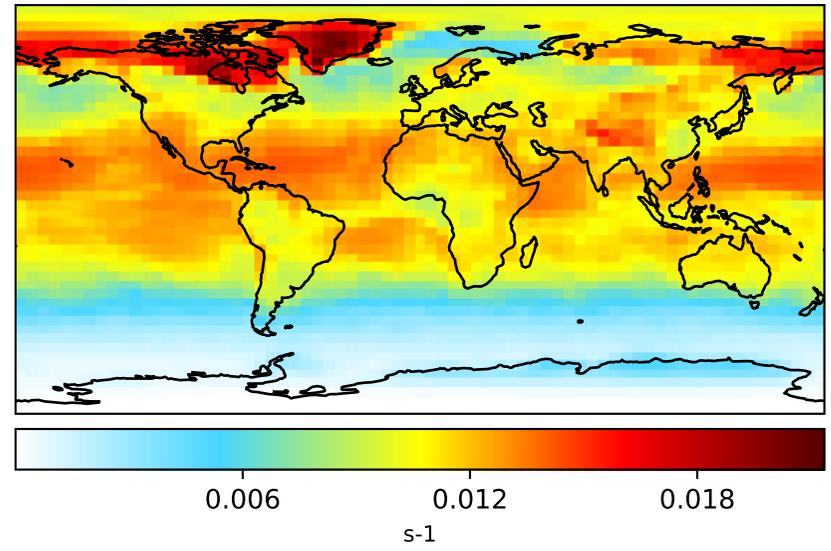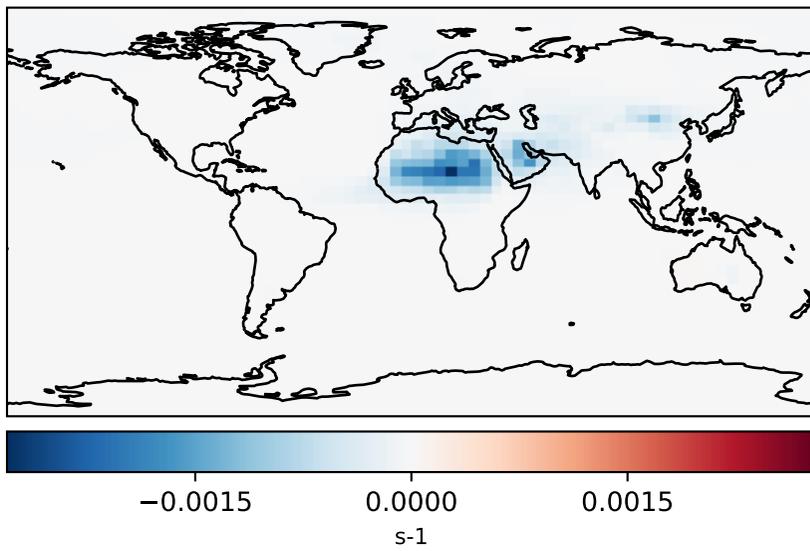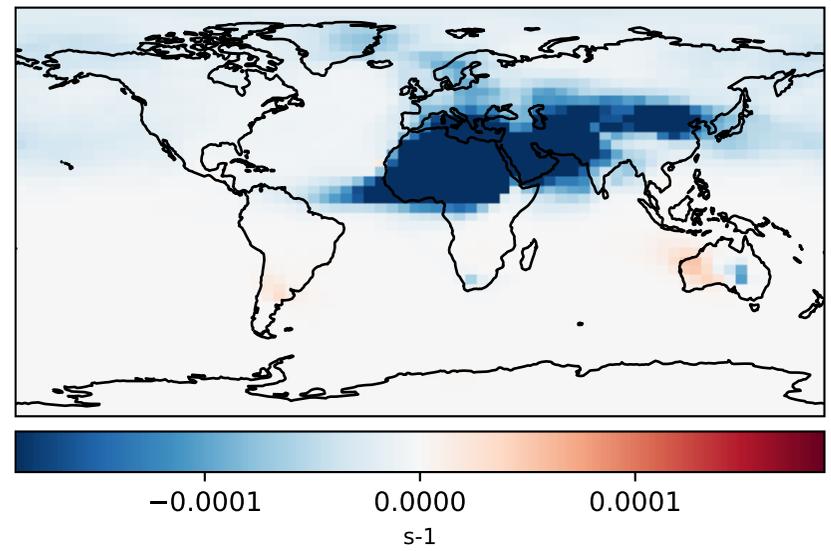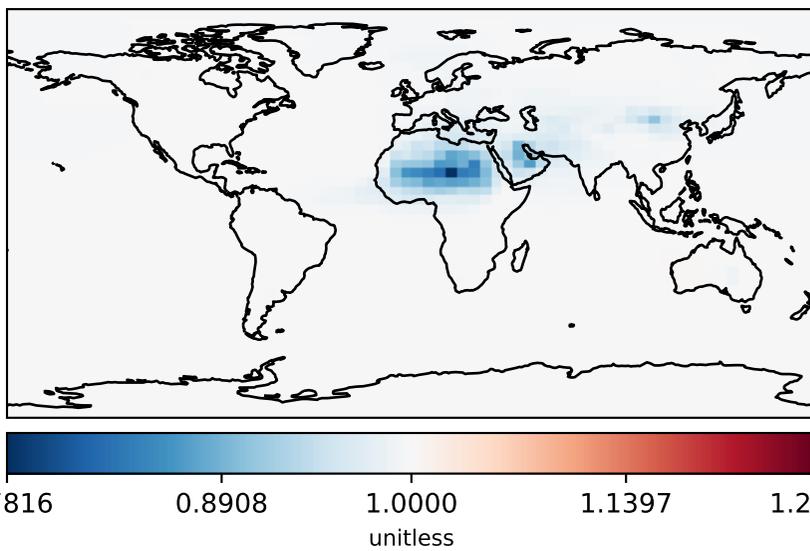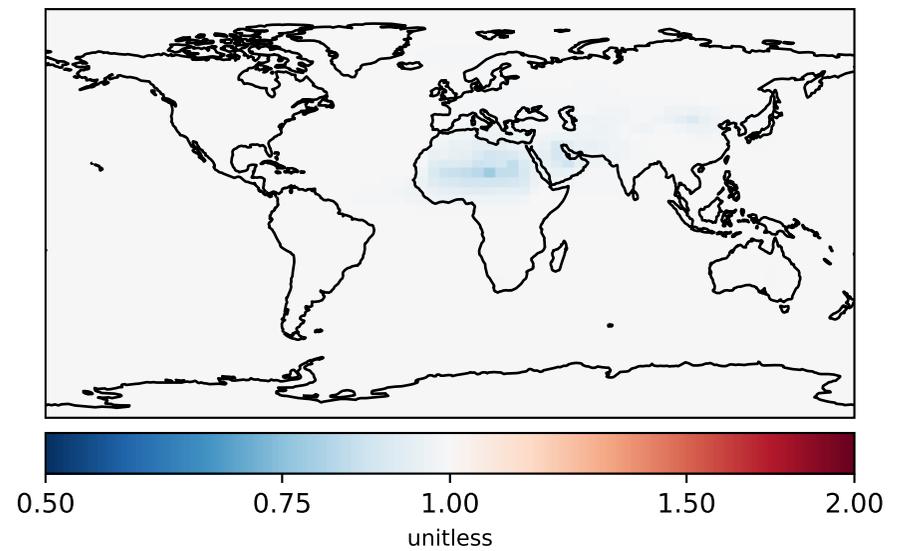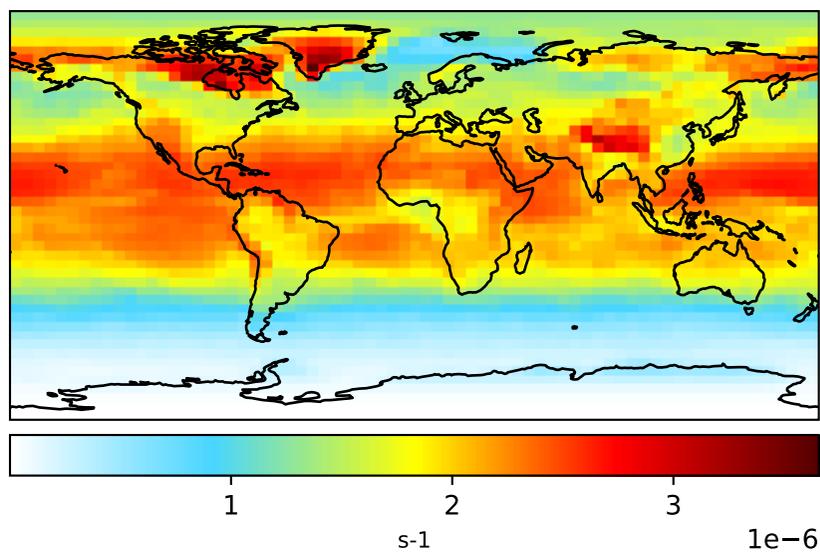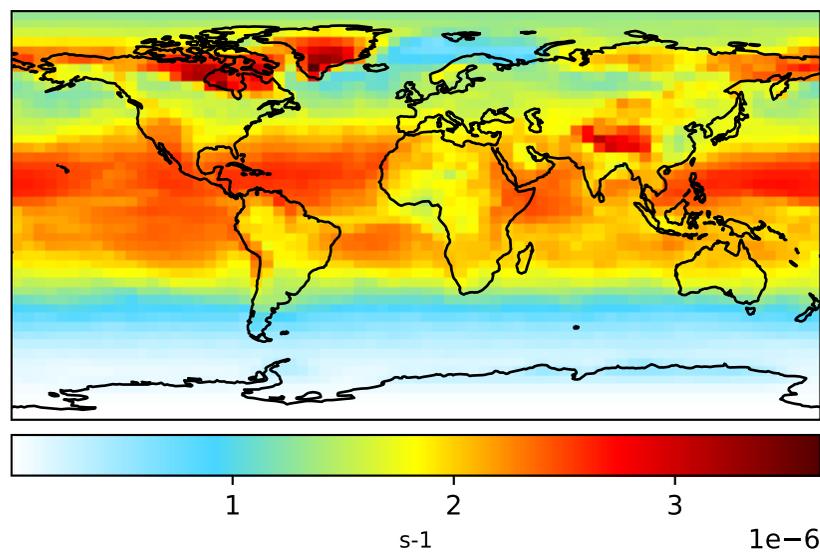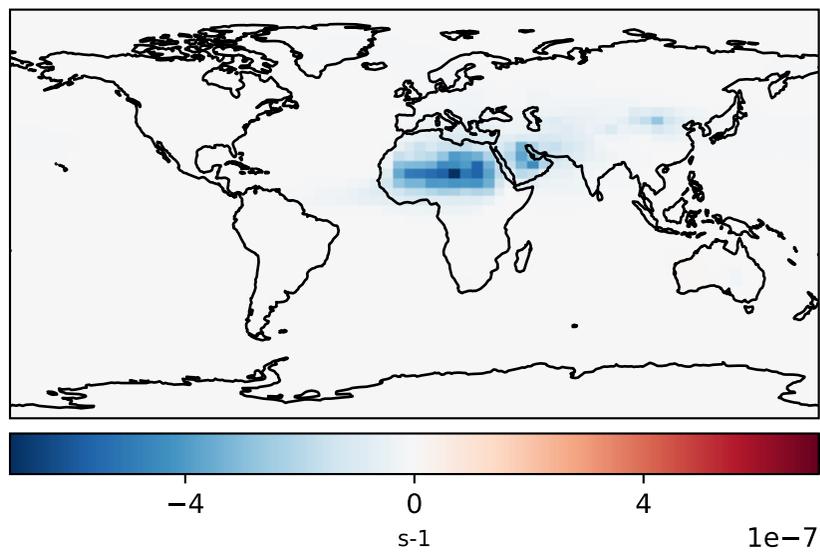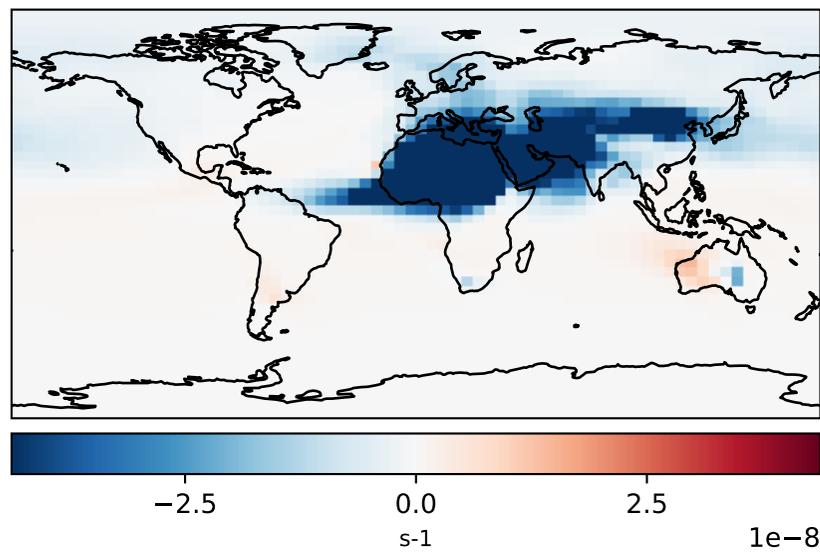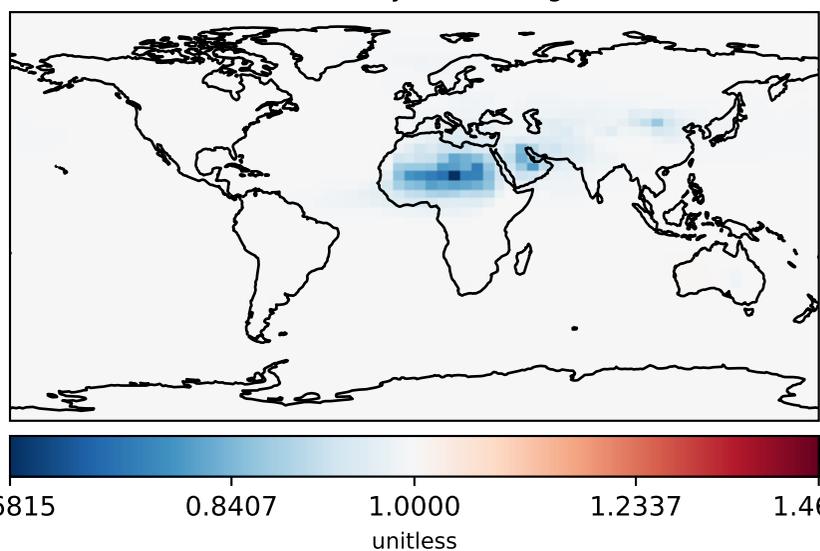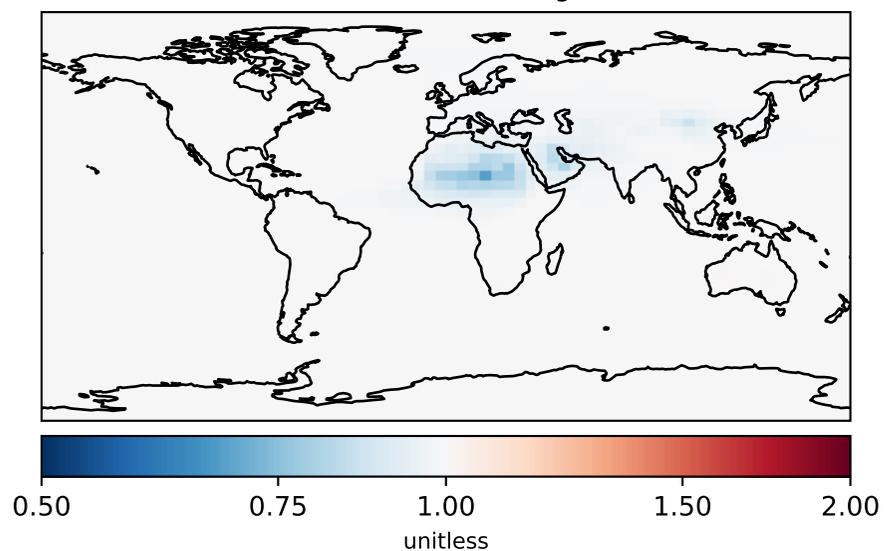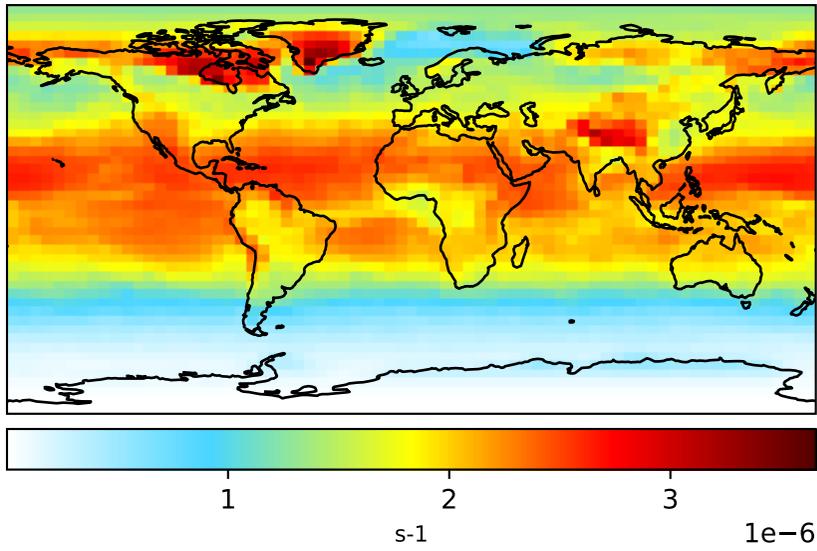Ratio
Dev/Ref, Fixed Range

Jval_INPD (Apr2019)

Jval_IO (Apr2019)

Jval_IONO (Apr2019)
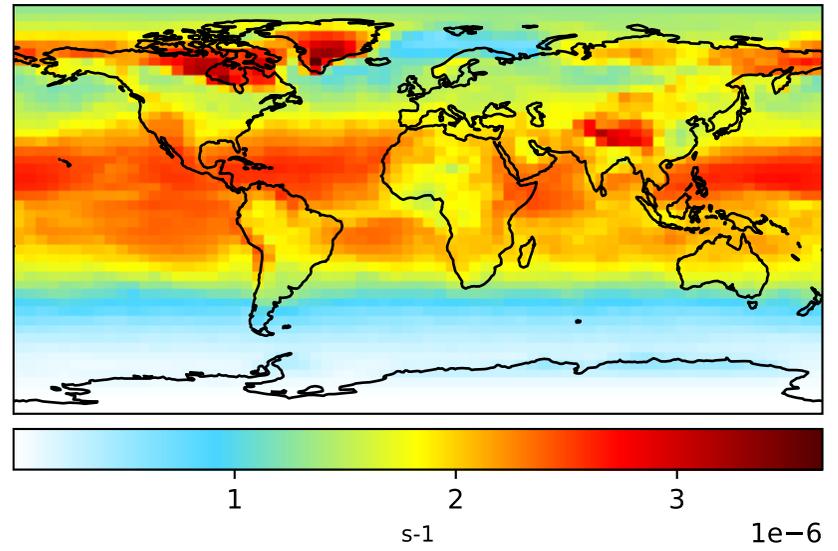
Jval_IONO2 (Apr2019)

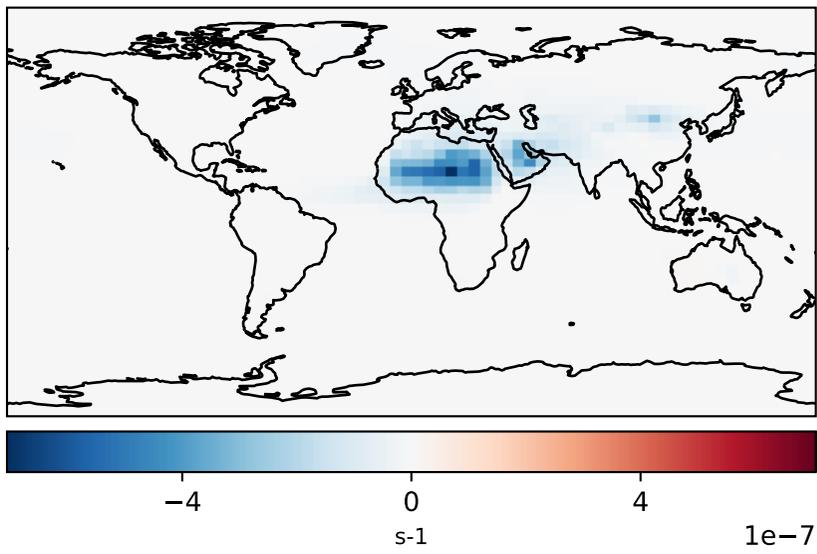# Jval_IPRNO3 (Apr2019)

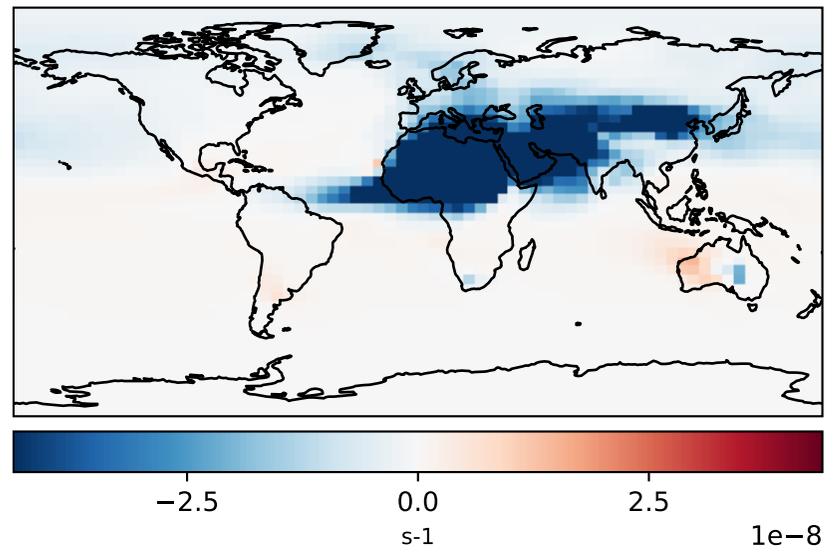# Jval_ITCN (Apr2019)

gcc.14.5.0-rc.0 (Ref)
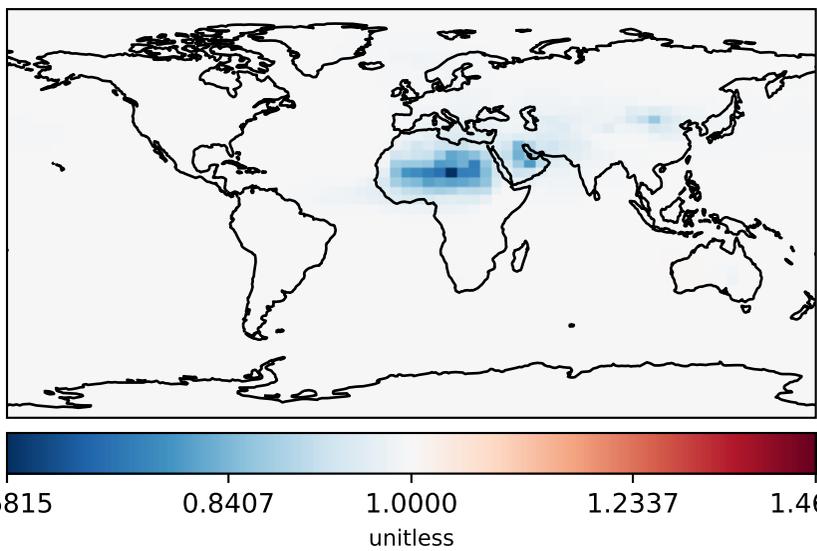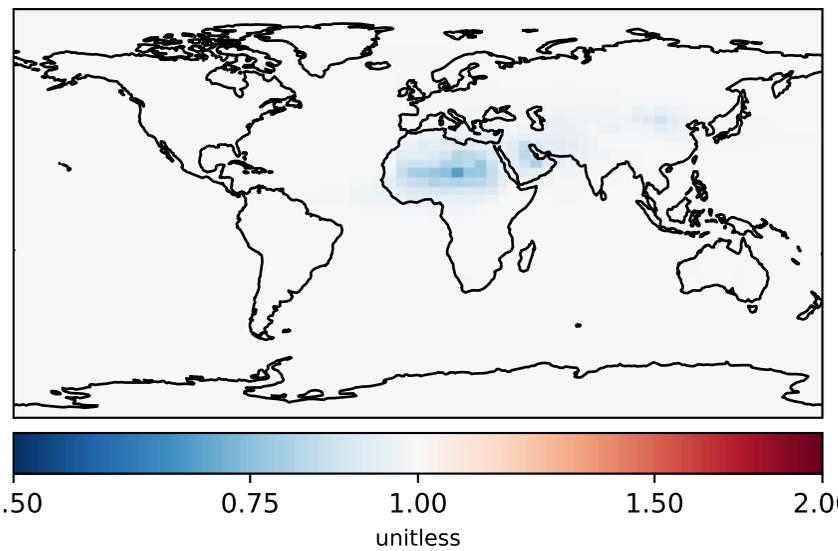4.0x5.0

gcc.14.7.0-rc.0 (Dev)
4.0x5.0

Difference
Dev - Ref, Dynamic Range

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

Ratio
Dev/Ref, Dynamic Range

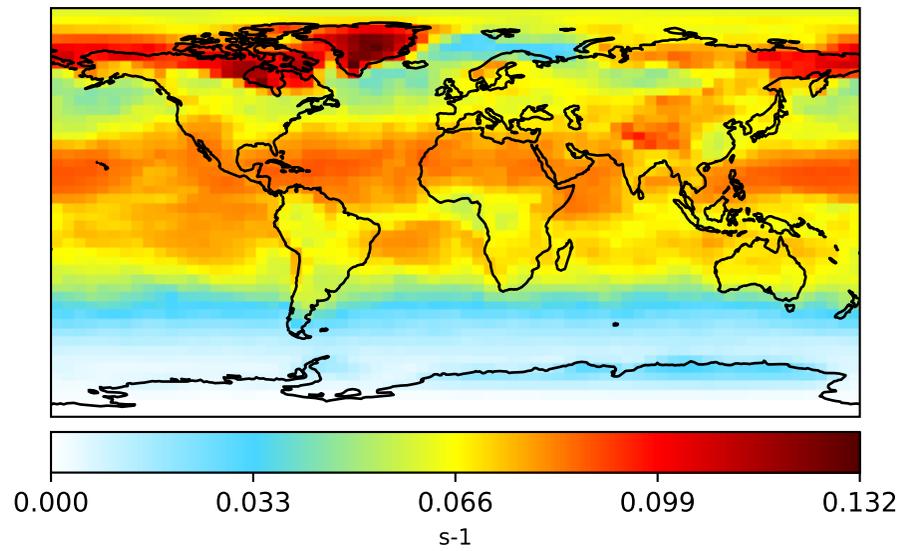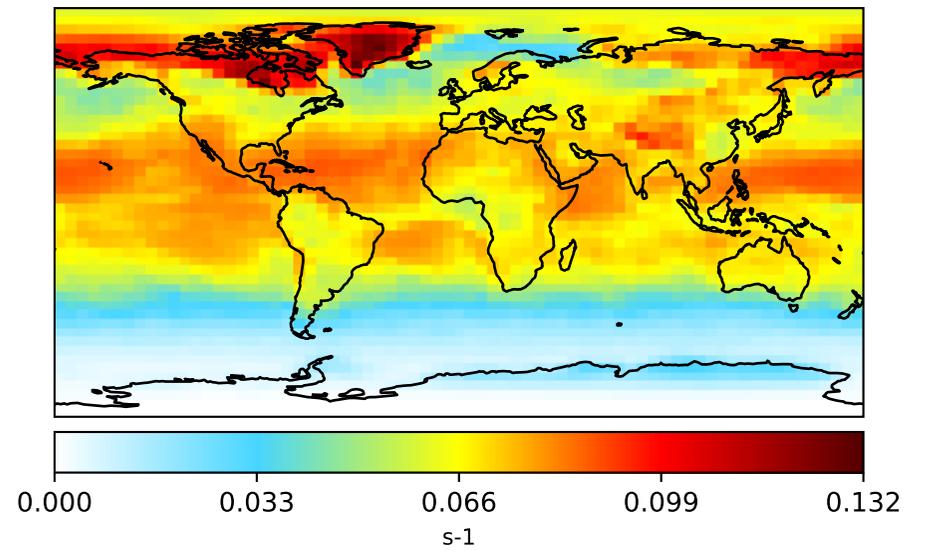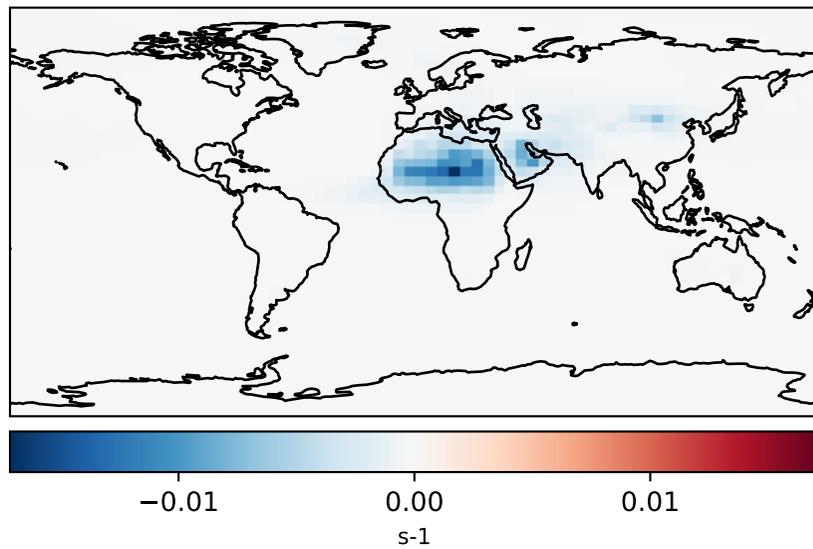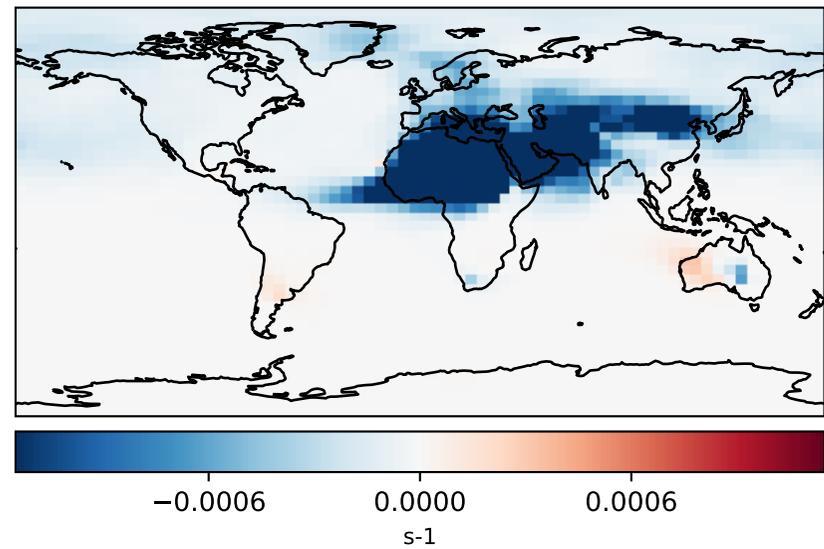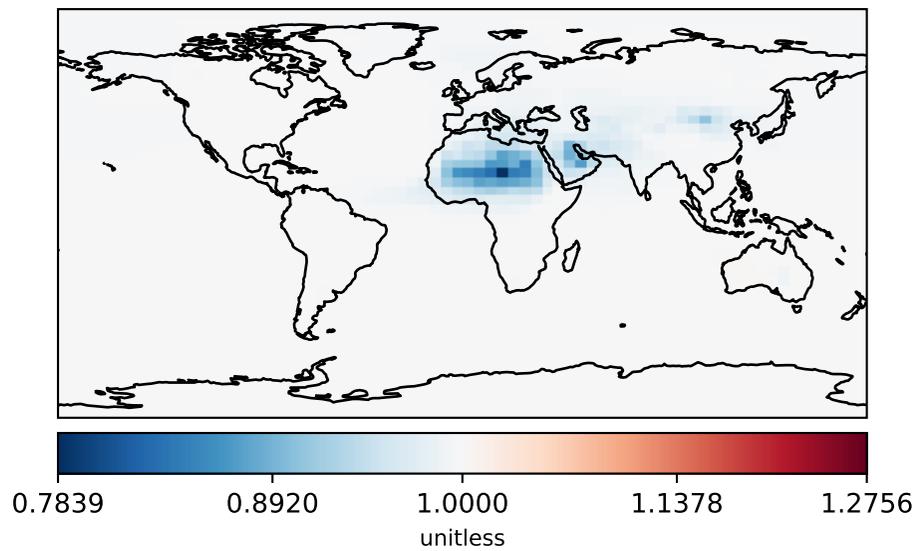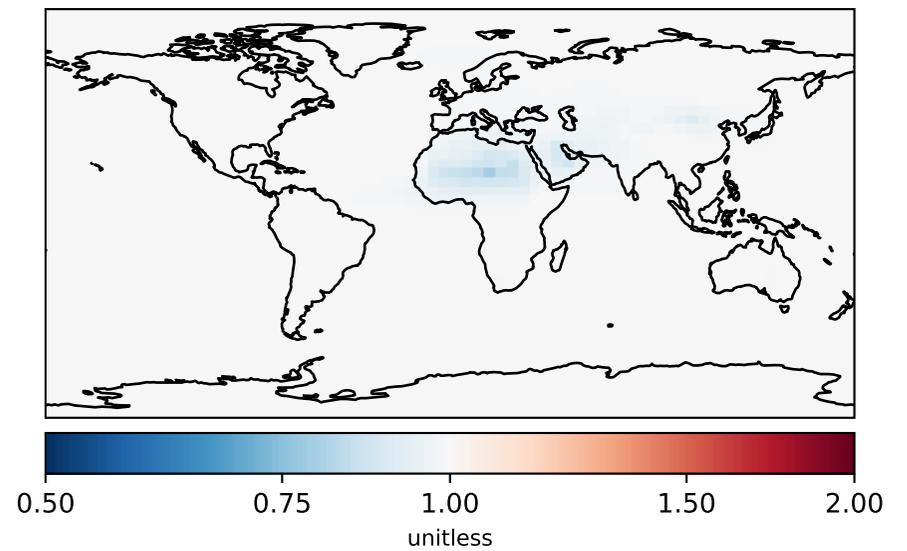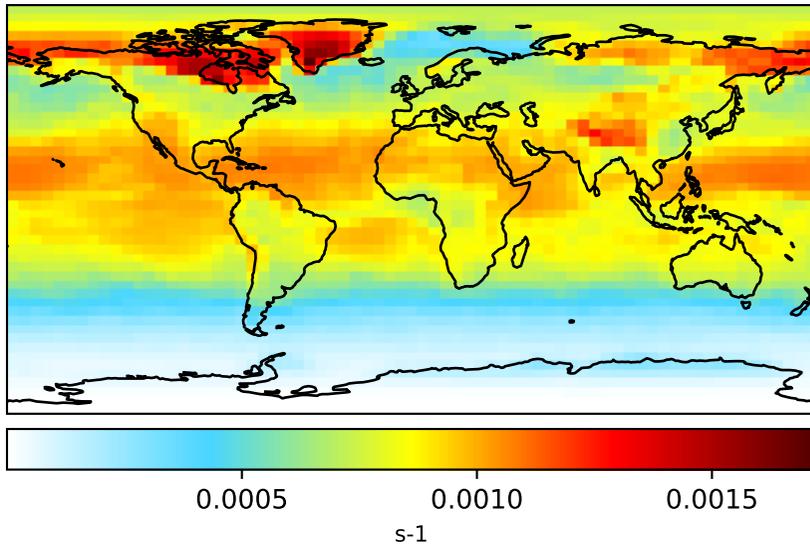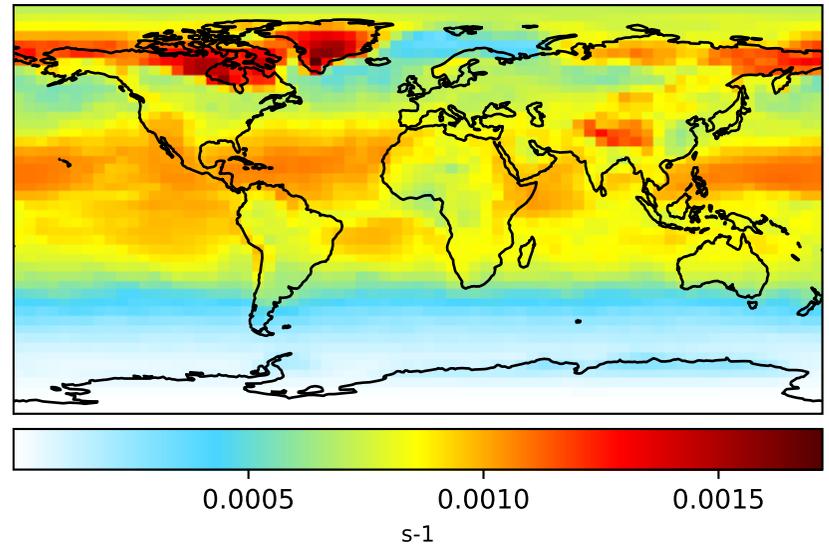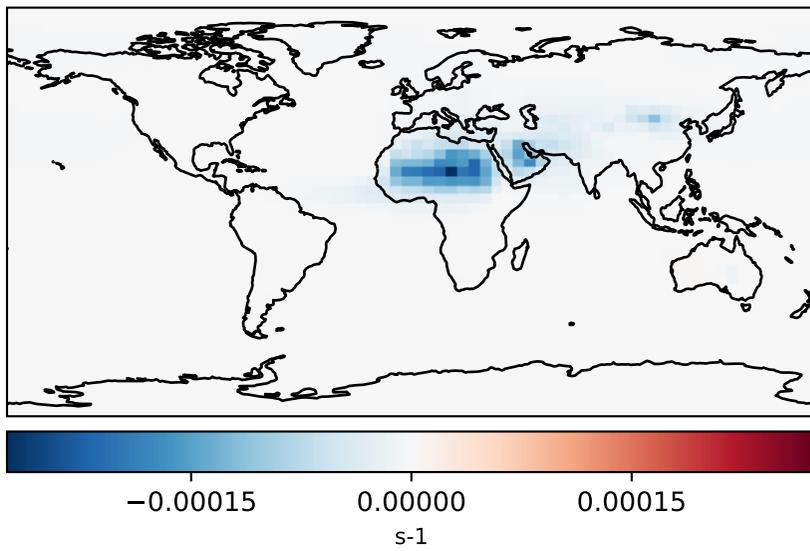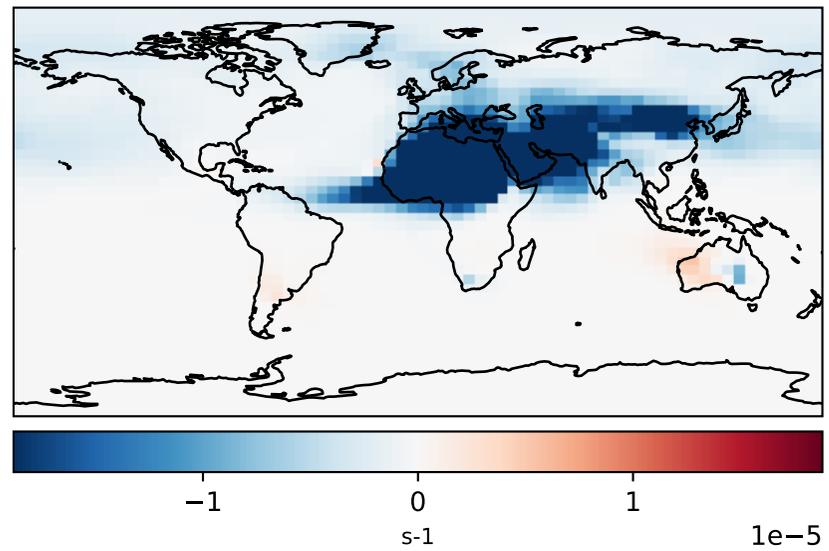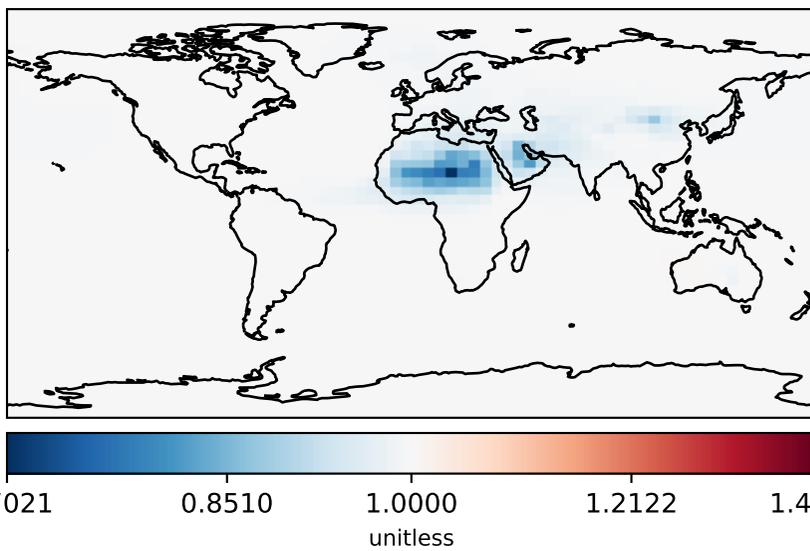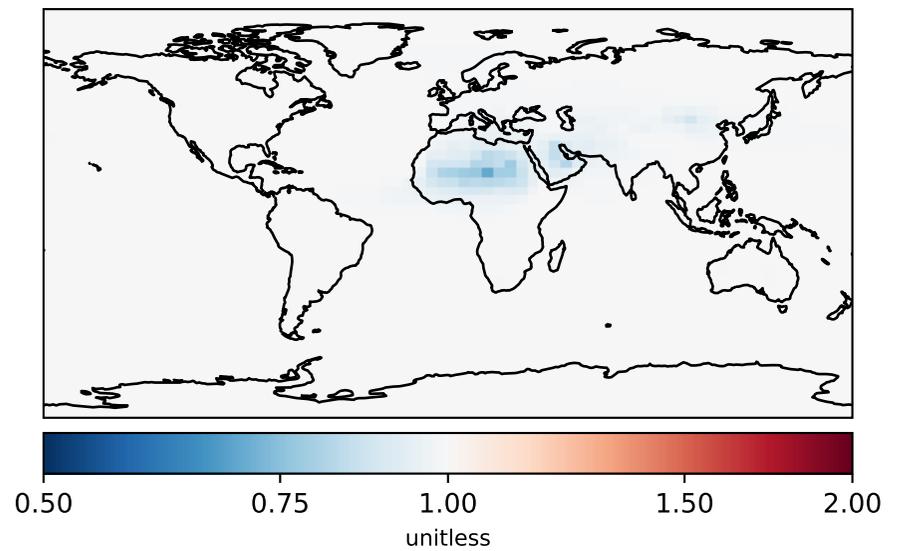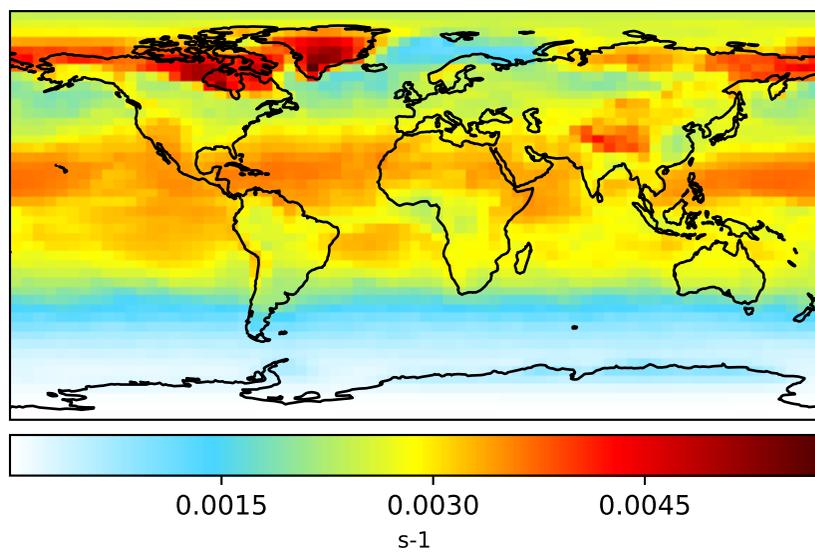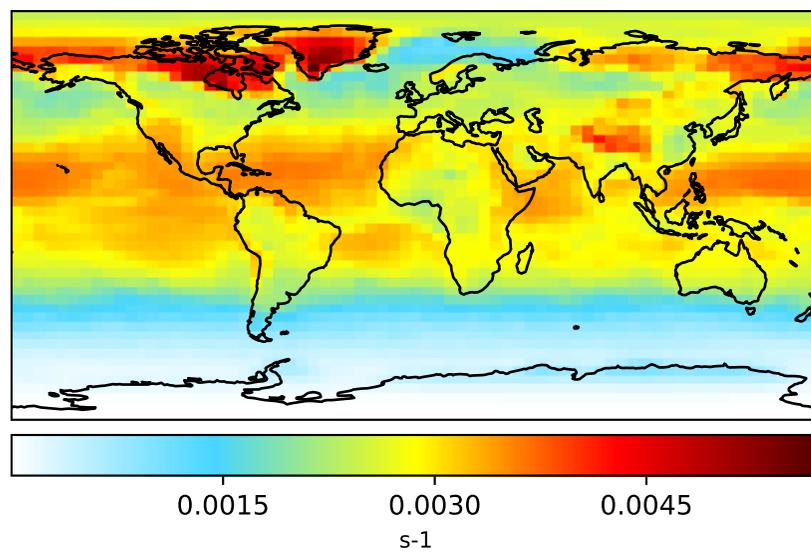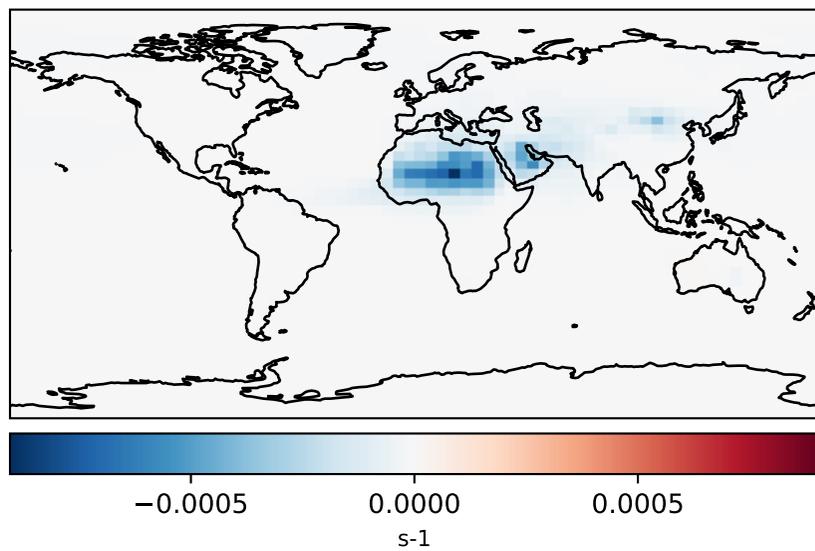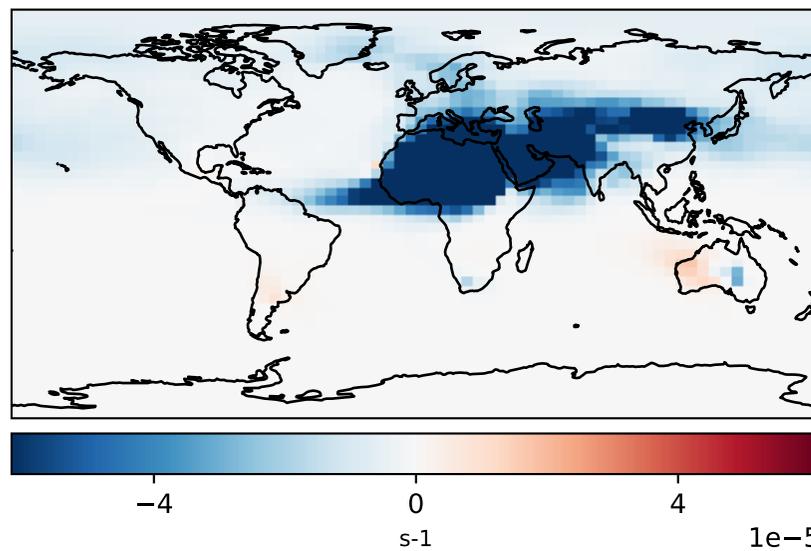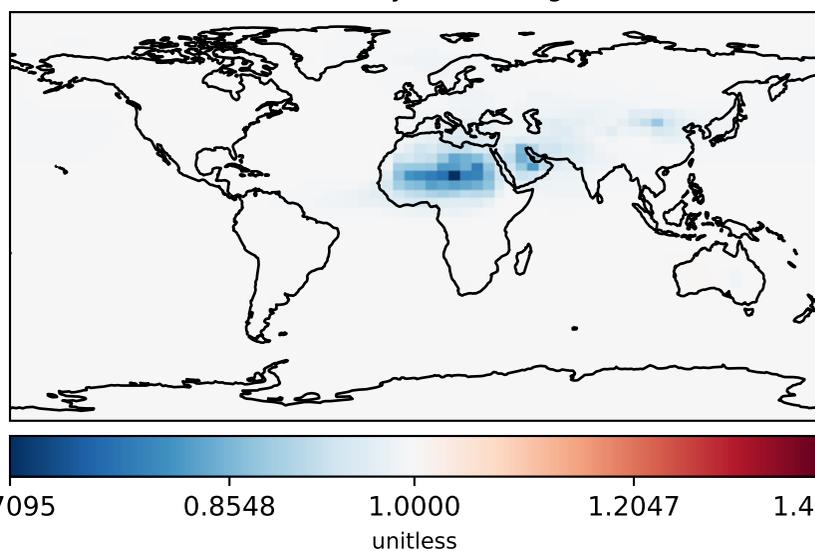Ratio
Dev/Ref, Fixed Range

Jval_ITHN (Apr2019)

Jval_LIMAL (Apr2019)

gcc.14.5.0-rc.0 (Ref)
4.0x5.0

gcc.14.7.0-rc.0 (Dev)
4.0x5.0

Difference
Dev - Ref, Dynamic Range

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

Ratio
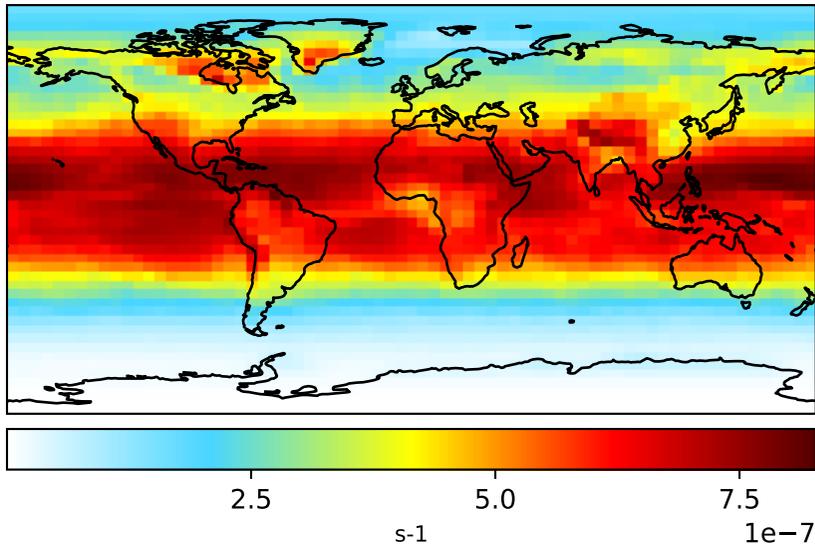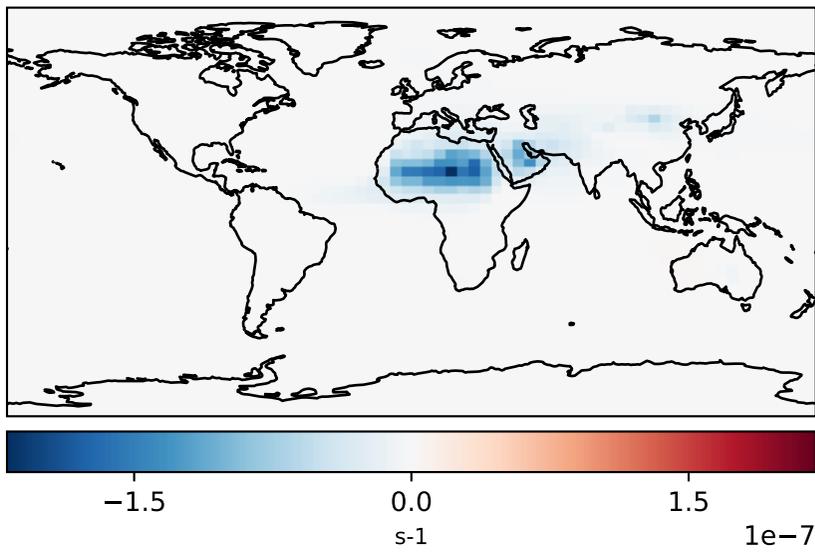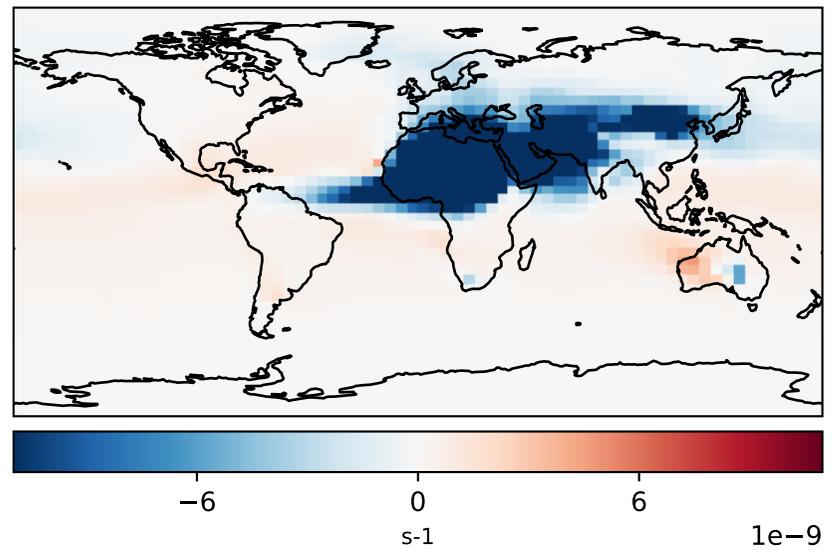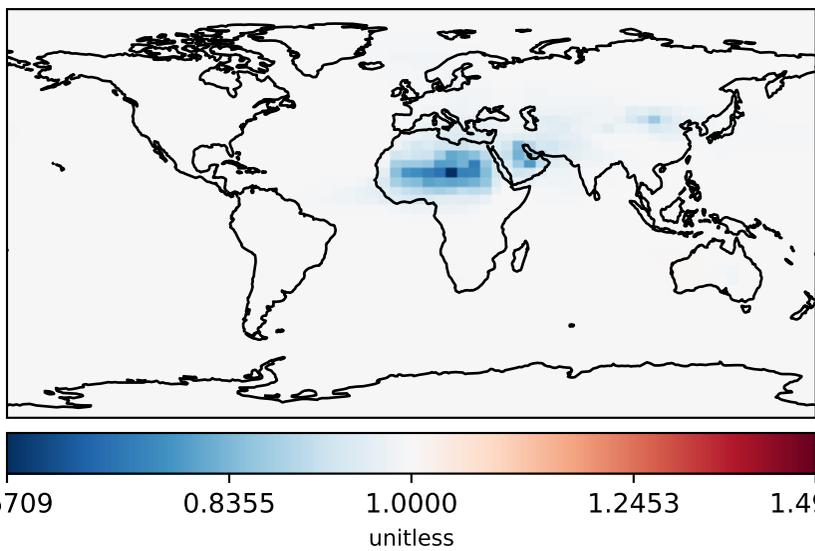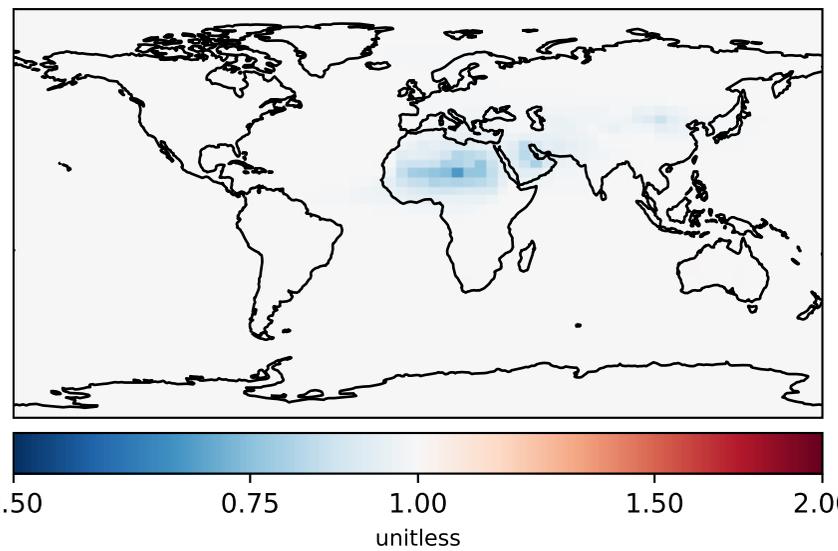Dev/Ref, Dynamic Range

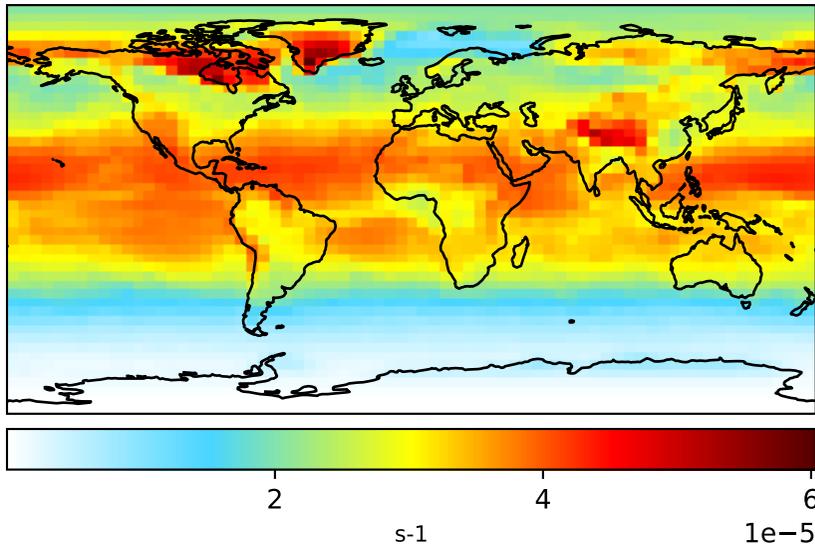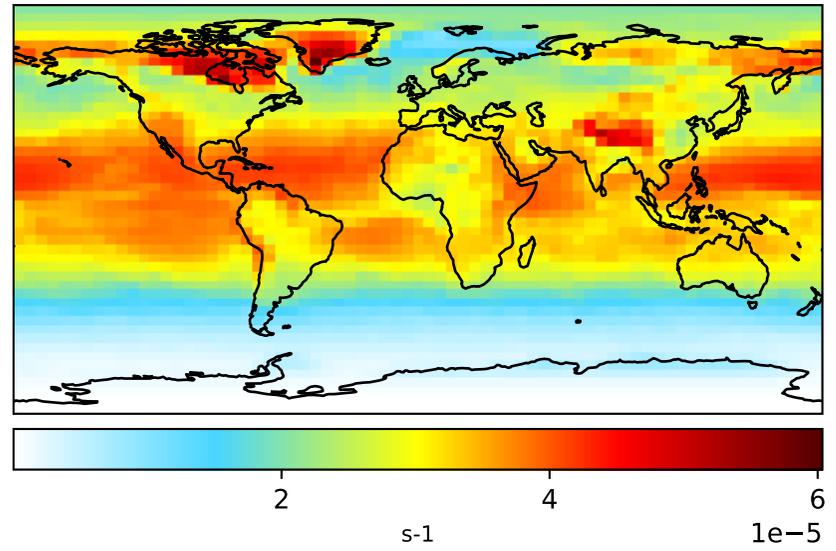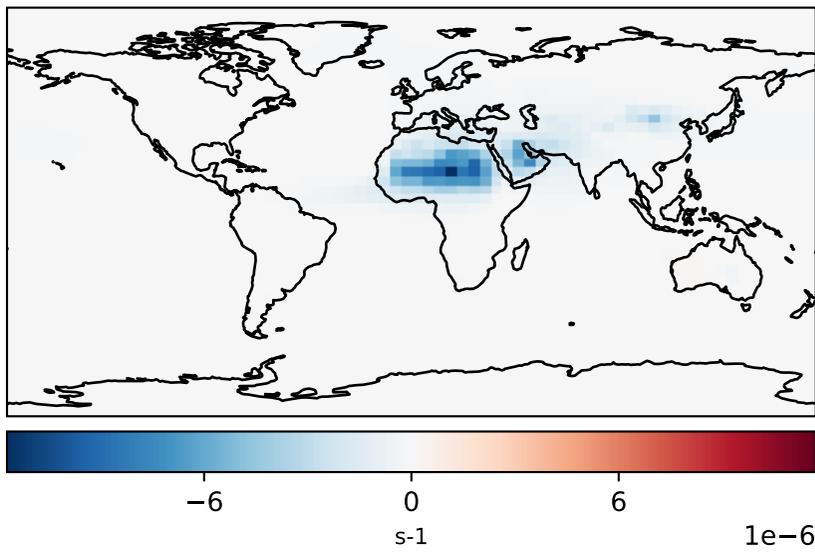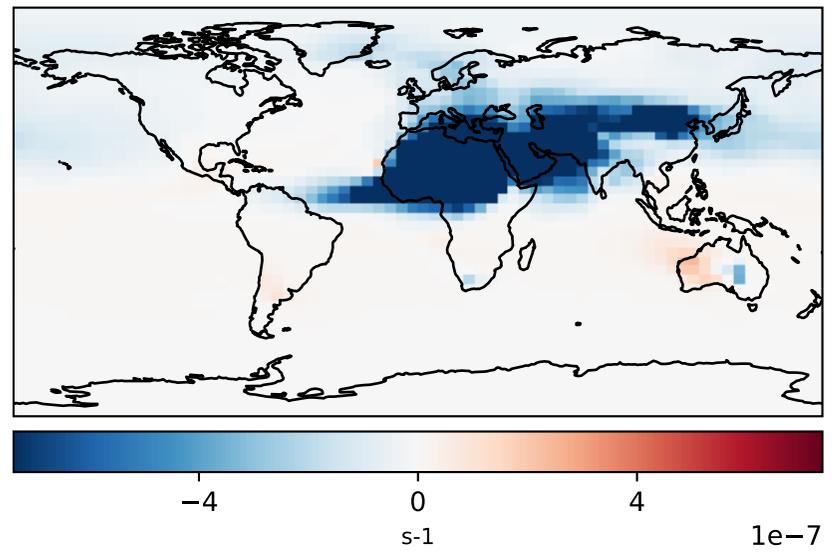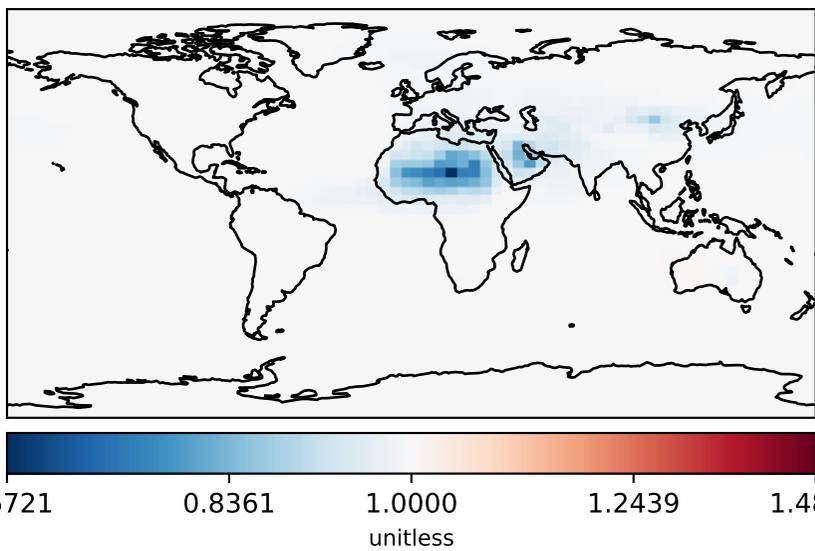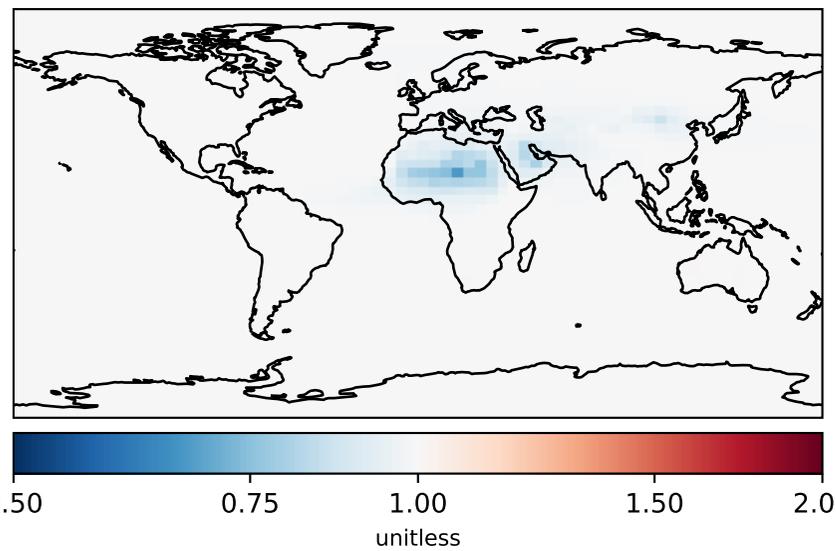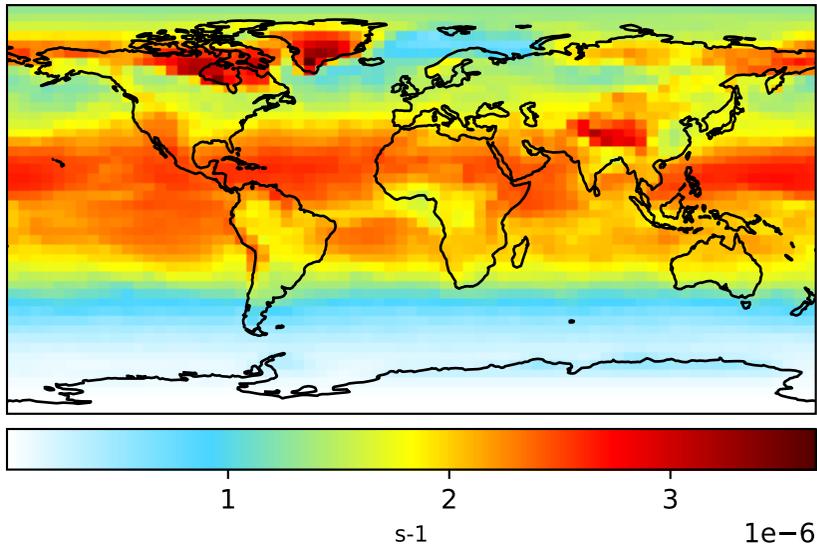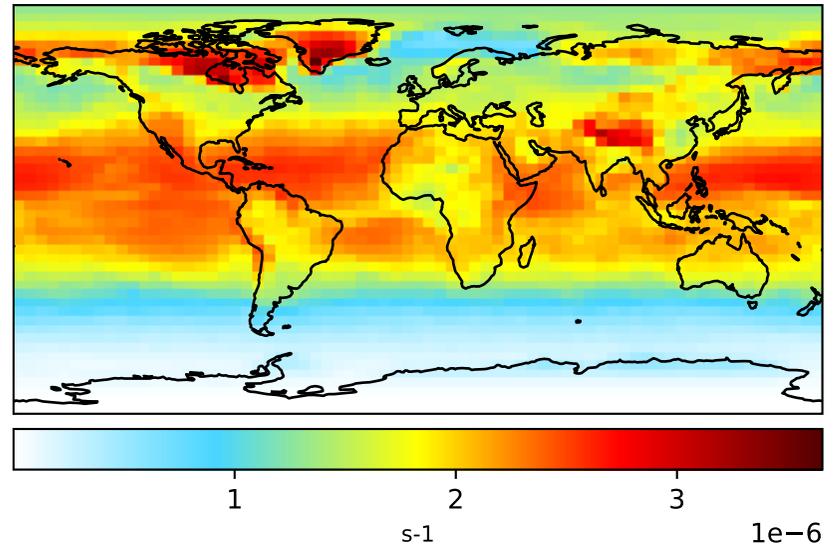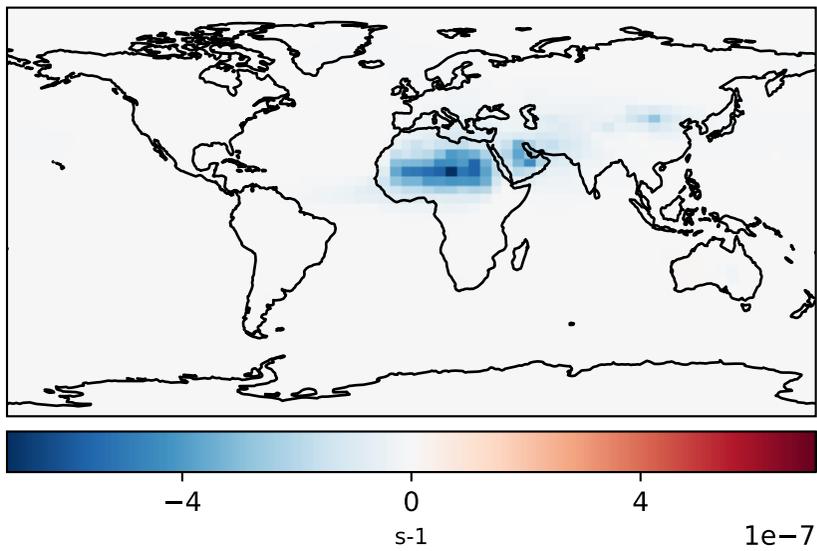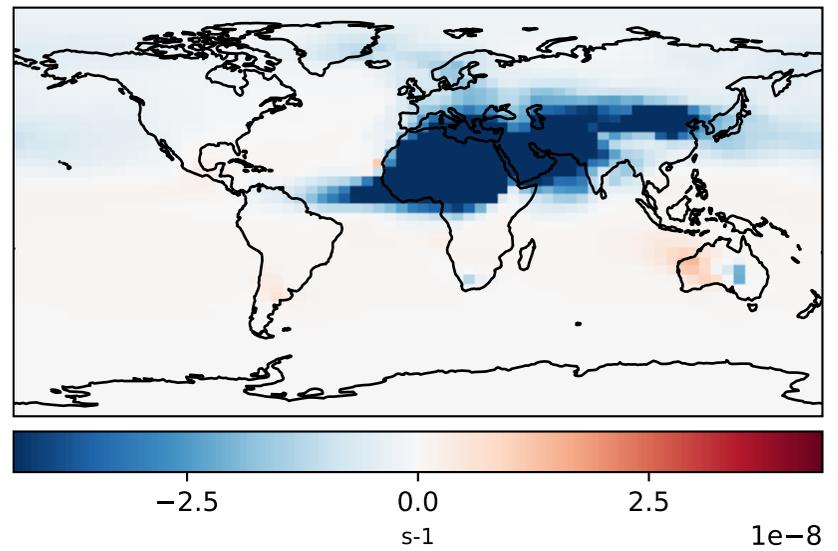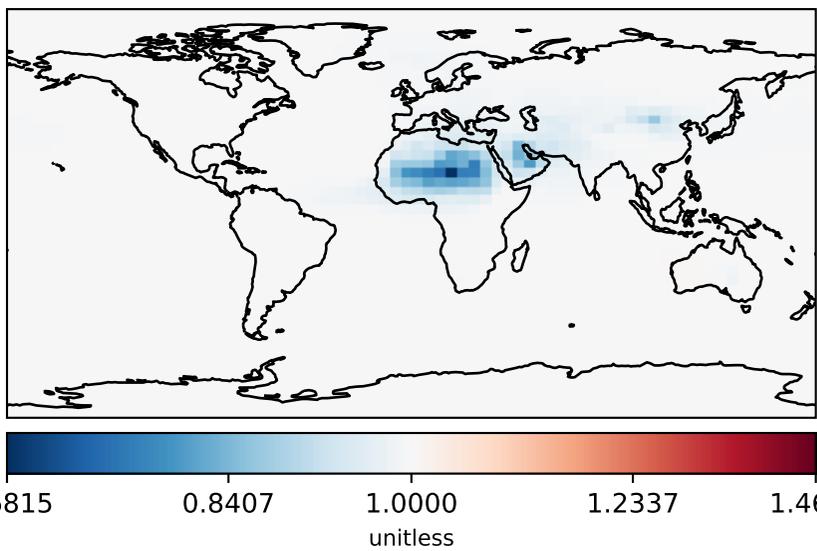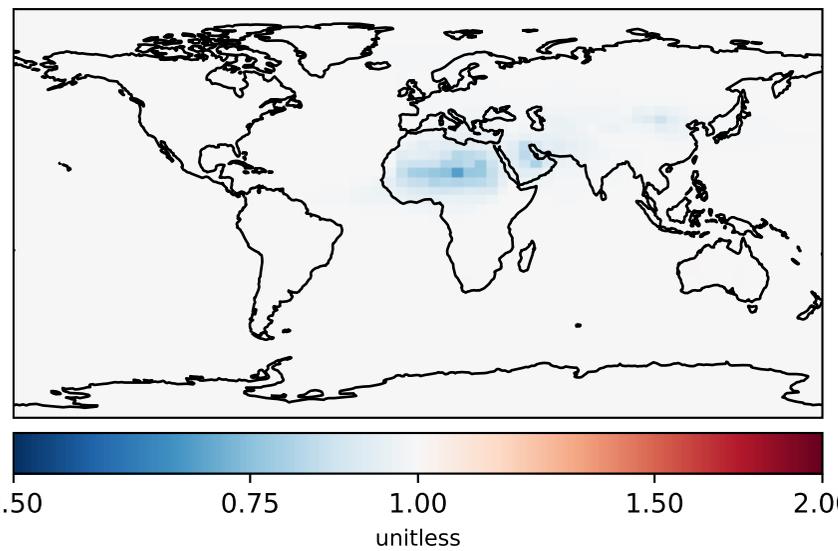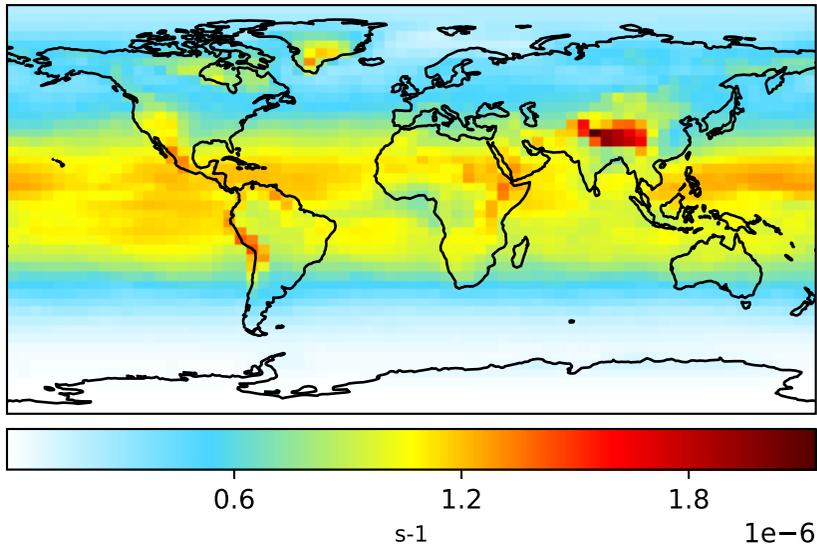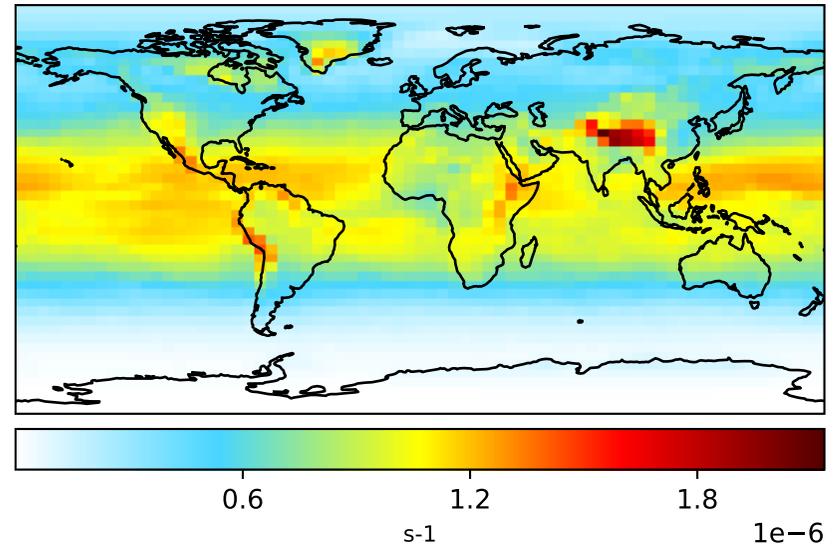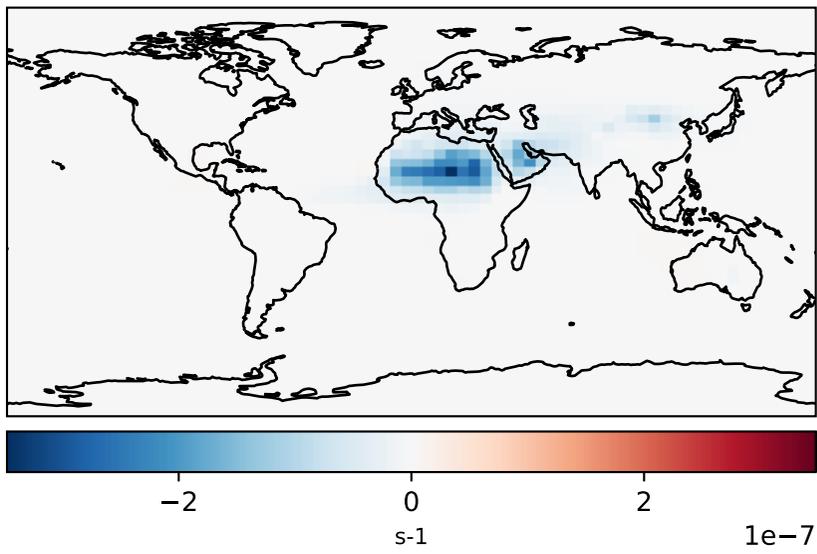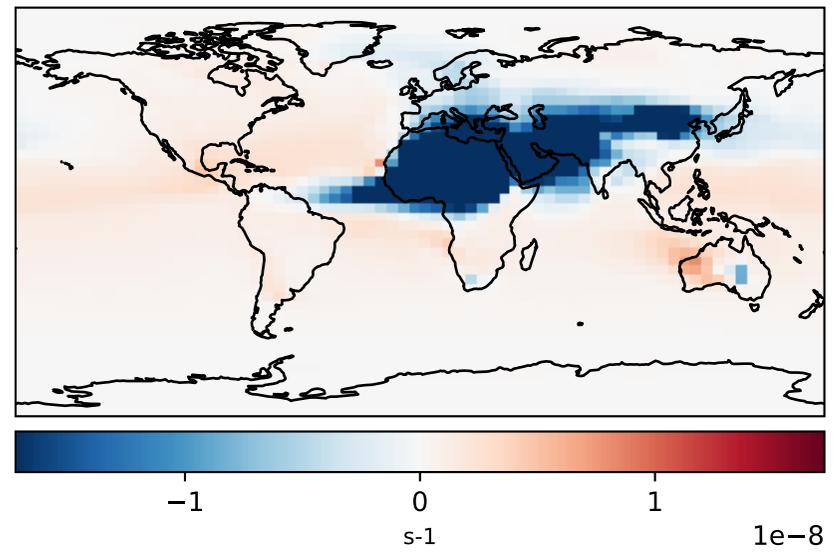Ratio
Dev/Ref, Fixed Range

Jval_LIMO2H (Apr2019)

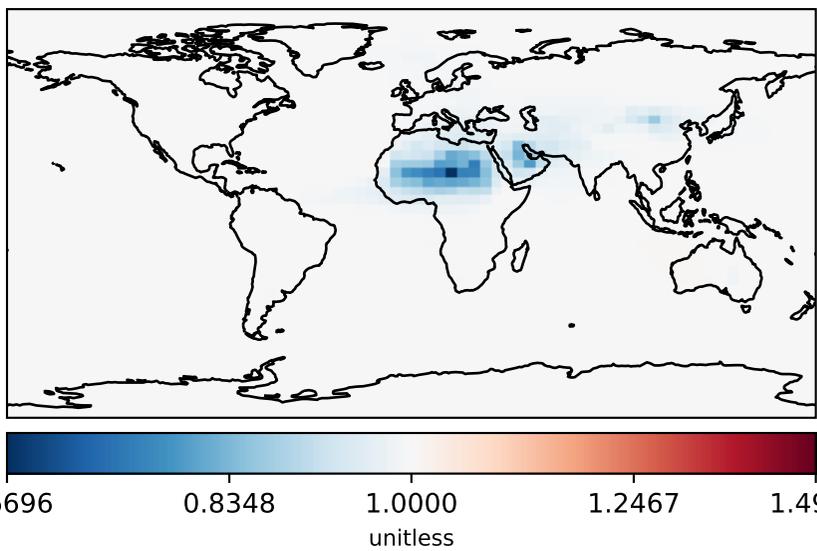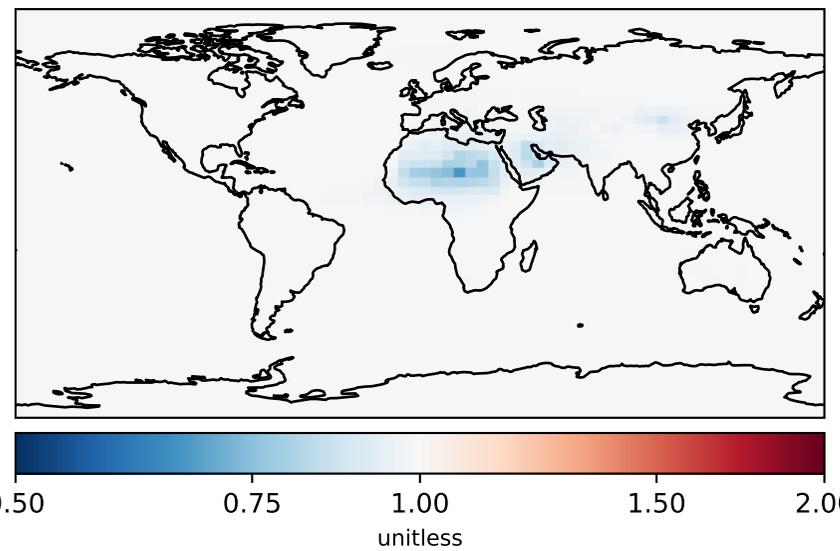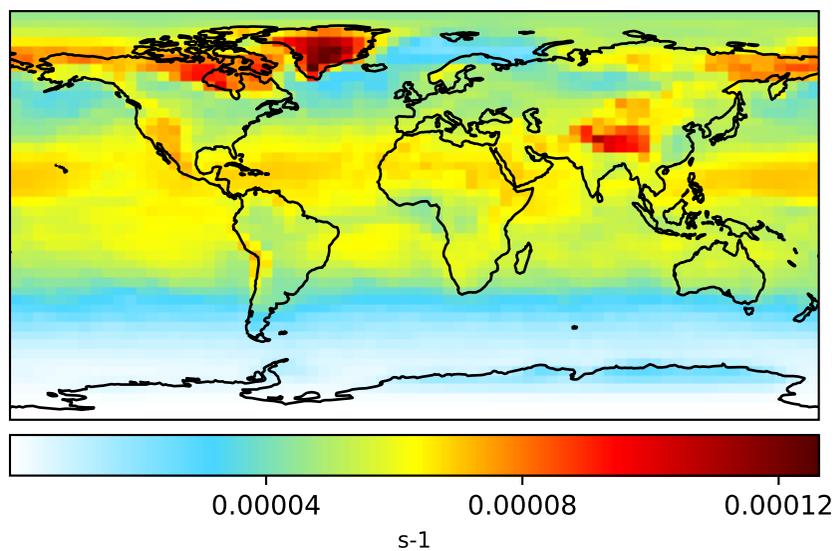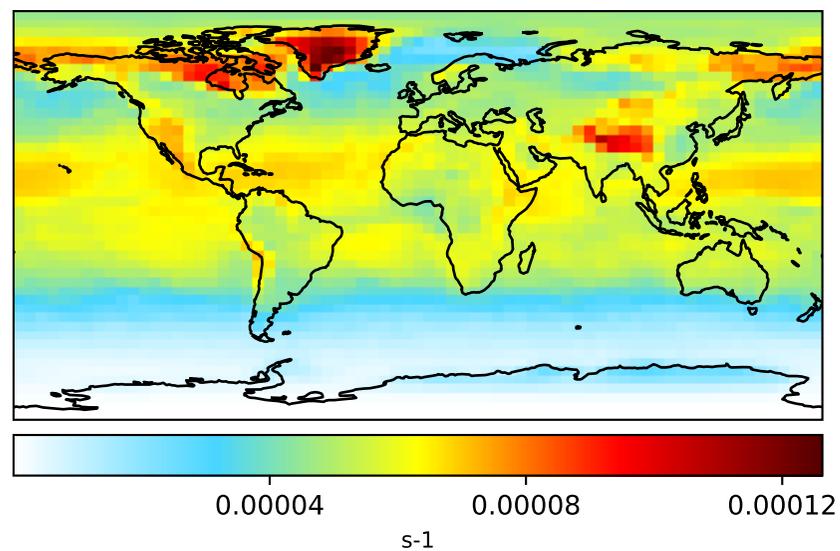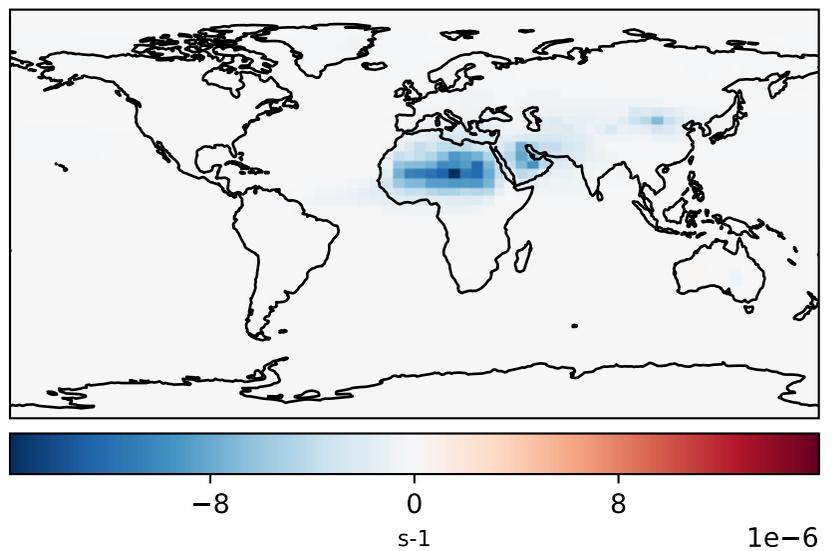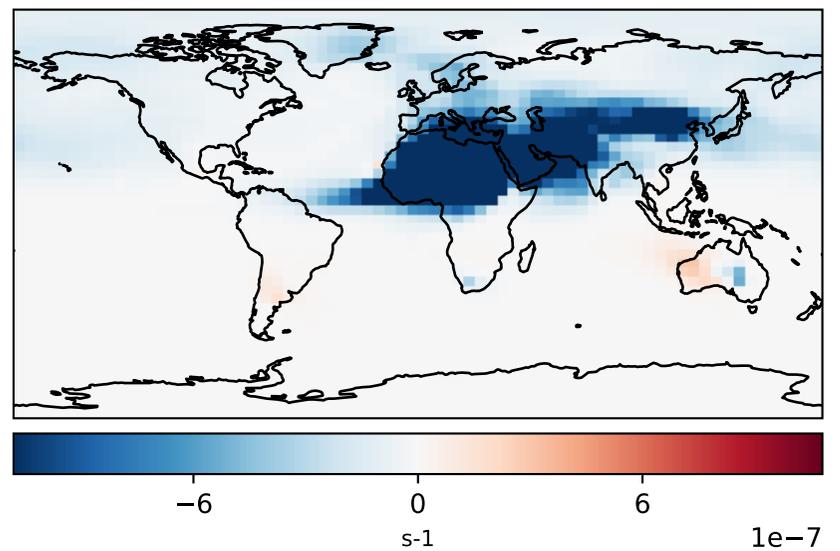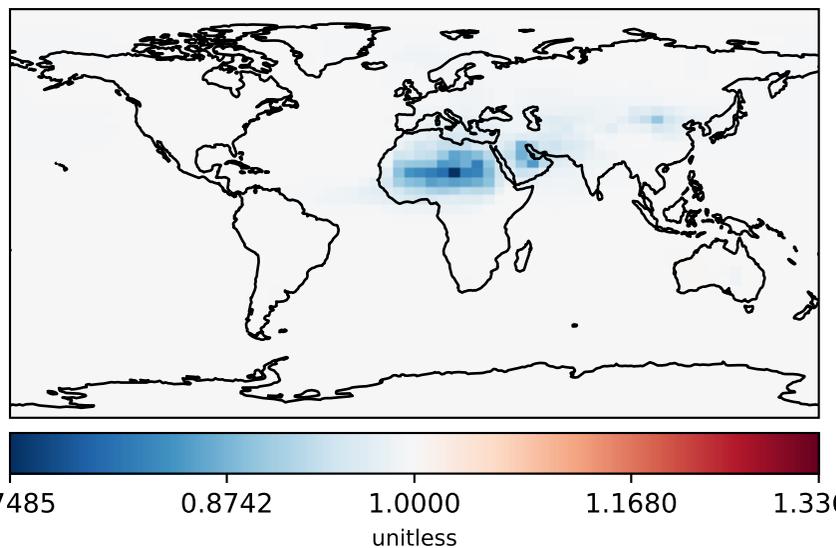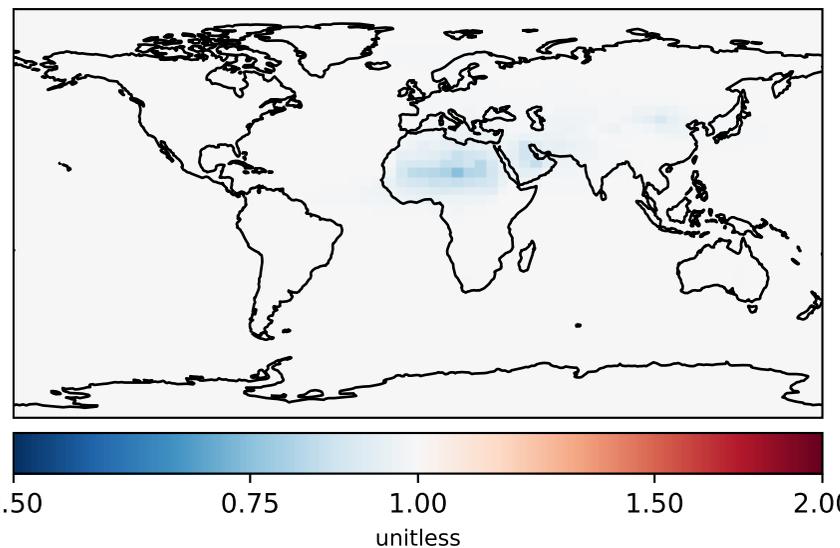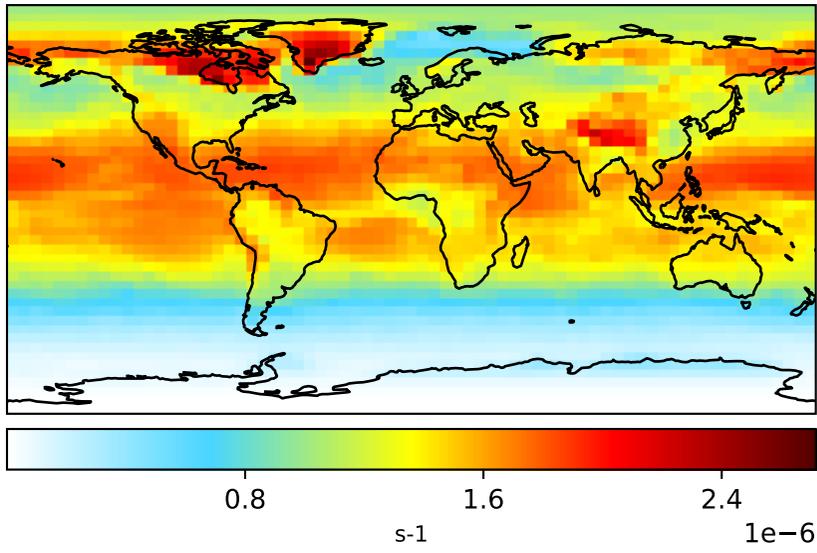| gcc.14.5.0-rc.0 (Ref) | gcc.14.7.0-rc.0 (Dev) |
| 4.0x5.0 | 4.0x5.0 |

Difference
Dev - Ref, Dynamic Range

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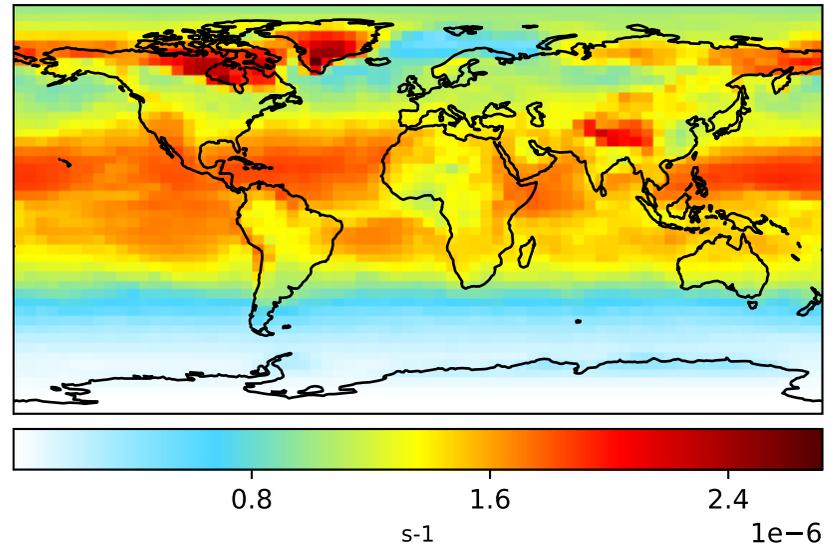
Ratio
Dev/Ref, Dynamic Range

Ratio
Dev/Ref, Fixed Range

Jval_LIMO3H (Apr2019)

Jval_MACR (Apr2019)

Jval_MACR1OOH (Apr2019)

Jval_MAP (Apr2019)

Jval_MCRENOL (Apr2019)

Jval_MCRHN (Apr2019)

Jval_MCRHNB (Apr2019)
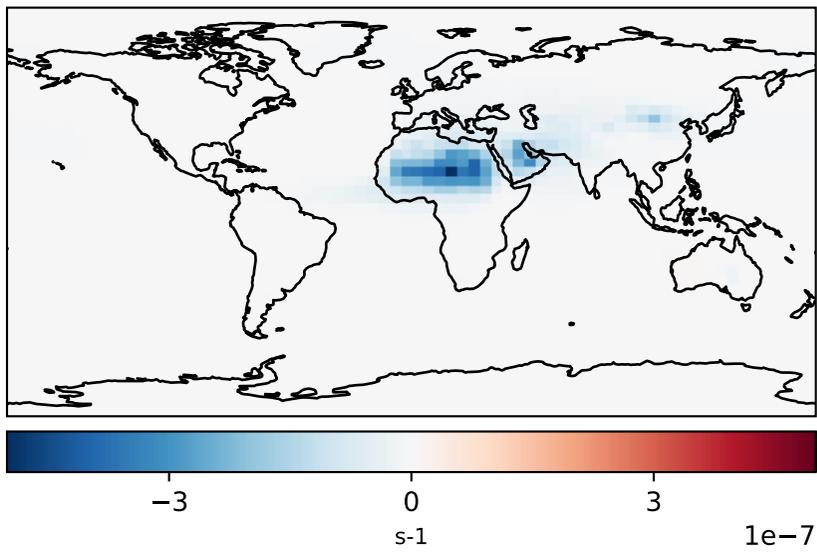
Jval_MCRHP (Apr2019)

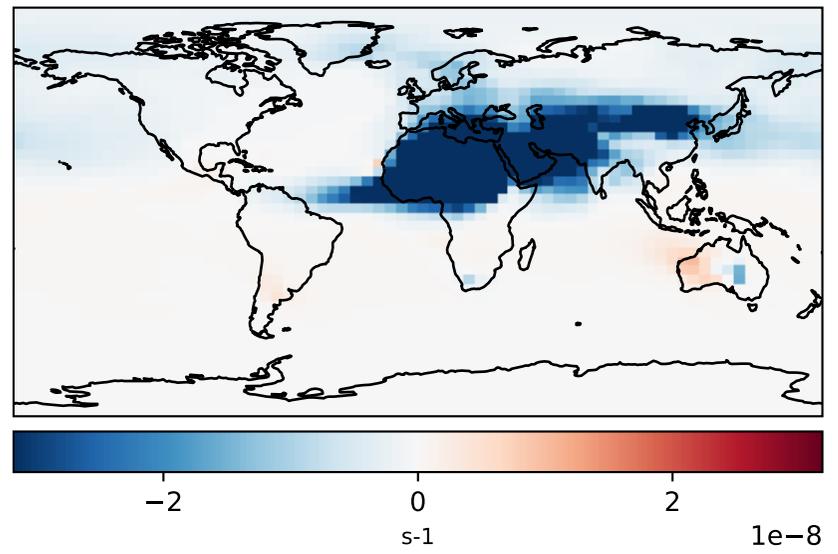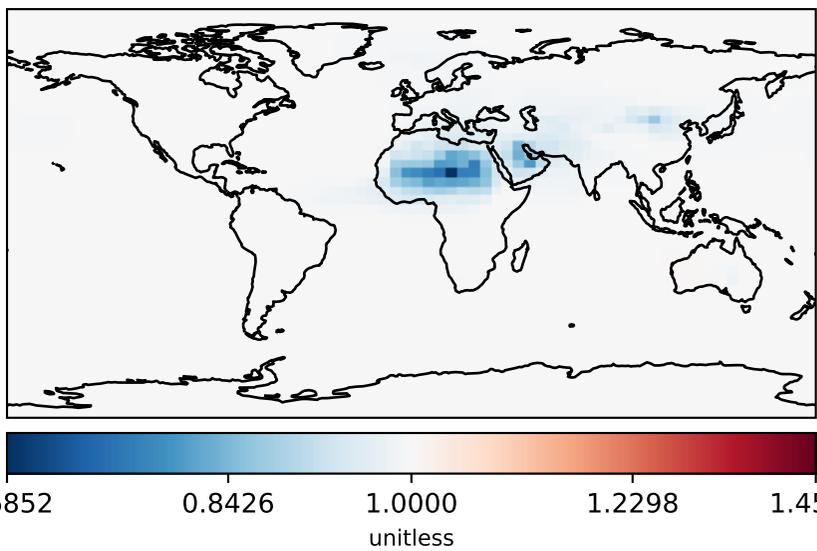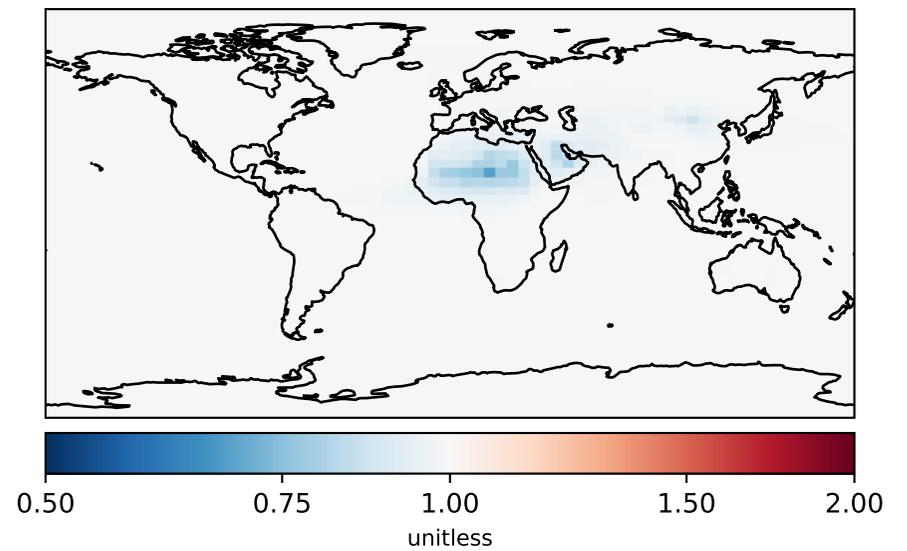# Jval_MEK (Apr2019)

gcc.14.5.0-rc.0 (Ref)
4.0x5.0

gcc.14.7.0-rc.0 (Dev)
4.0x5.0

Difference
Dev - Ref, Dynamic Range

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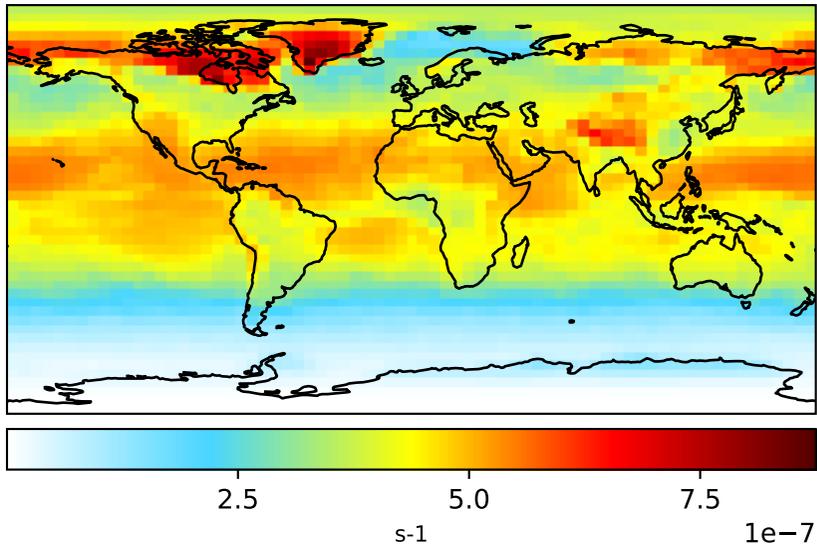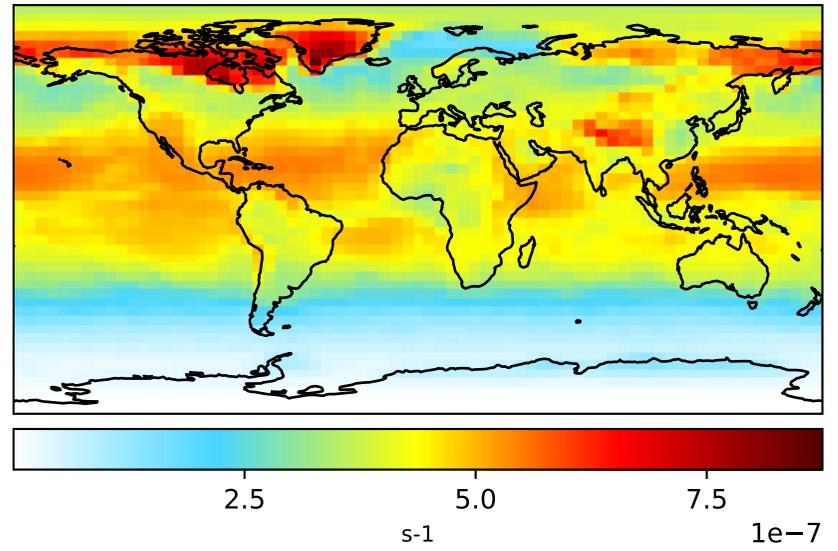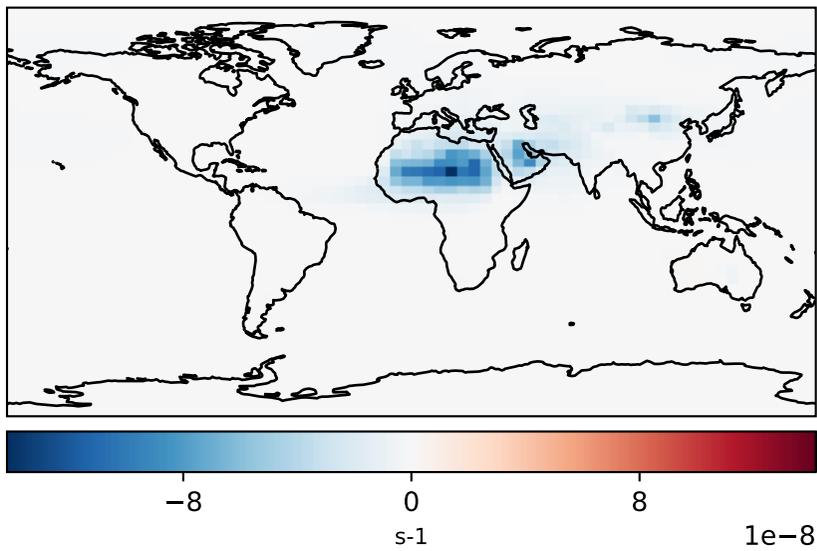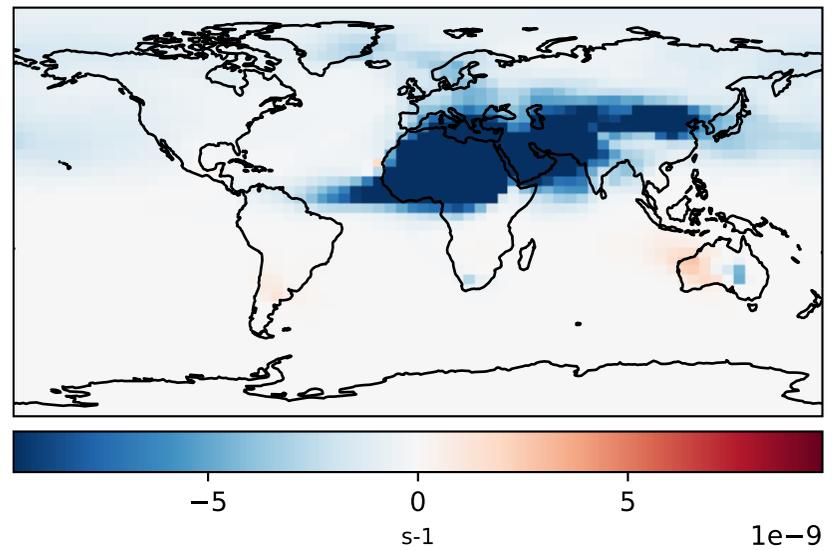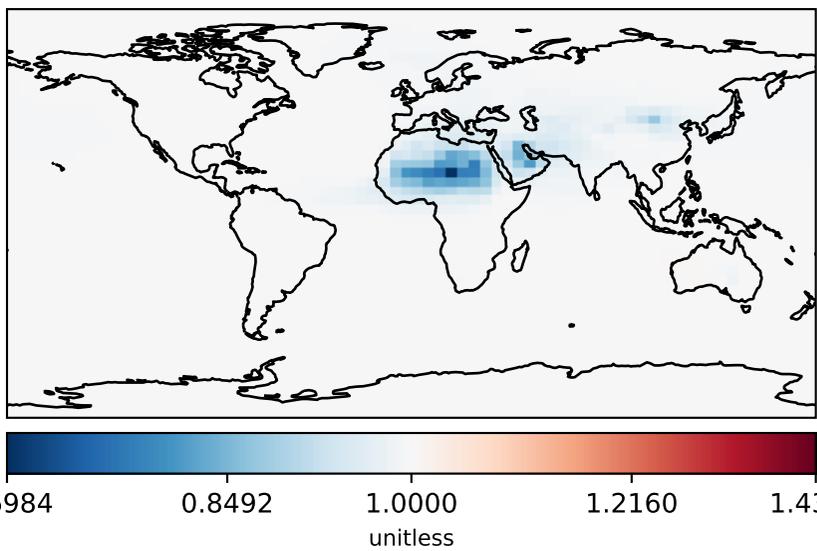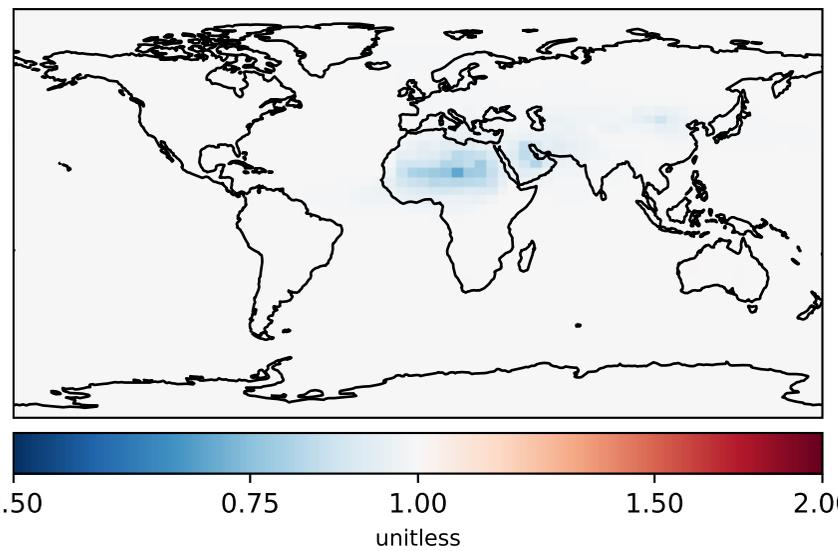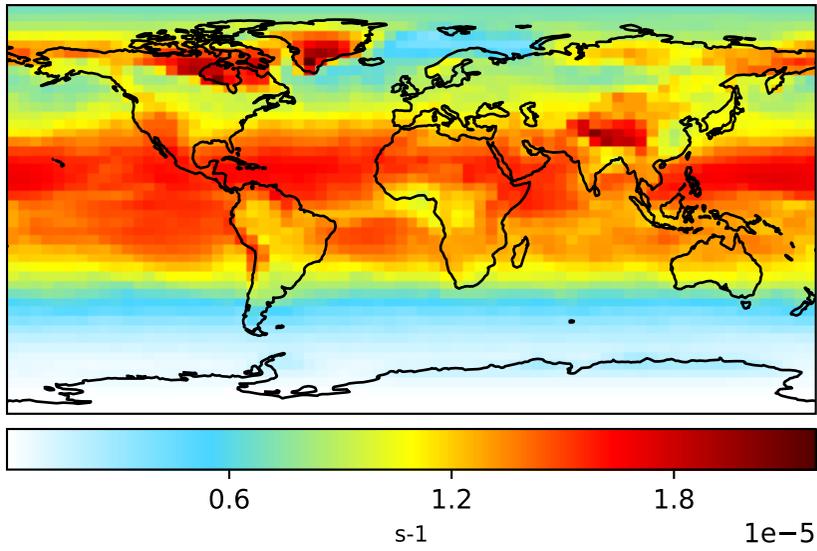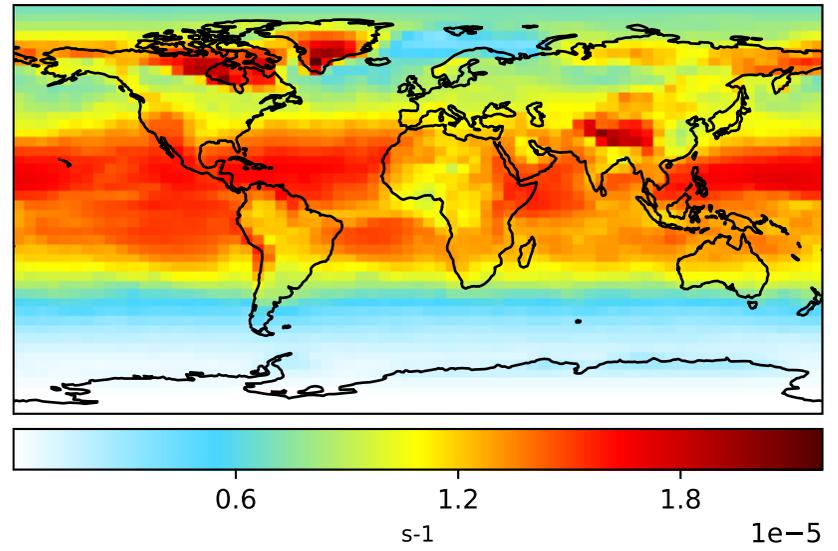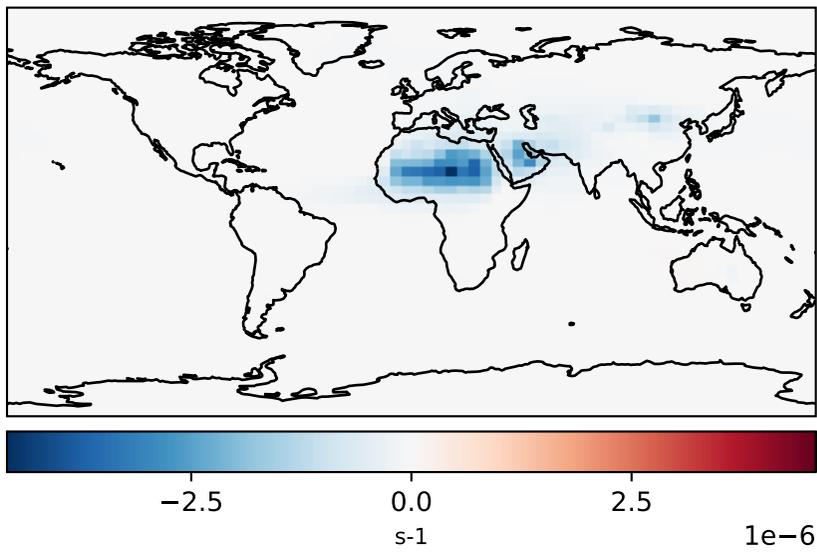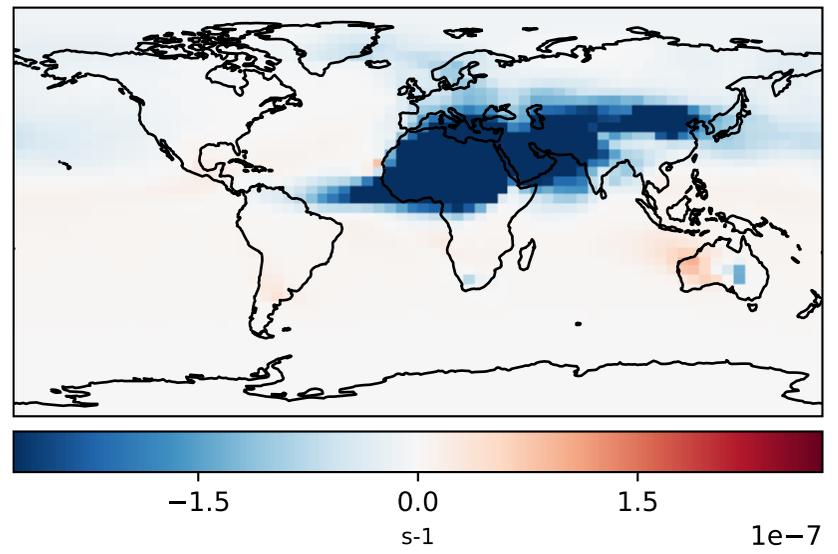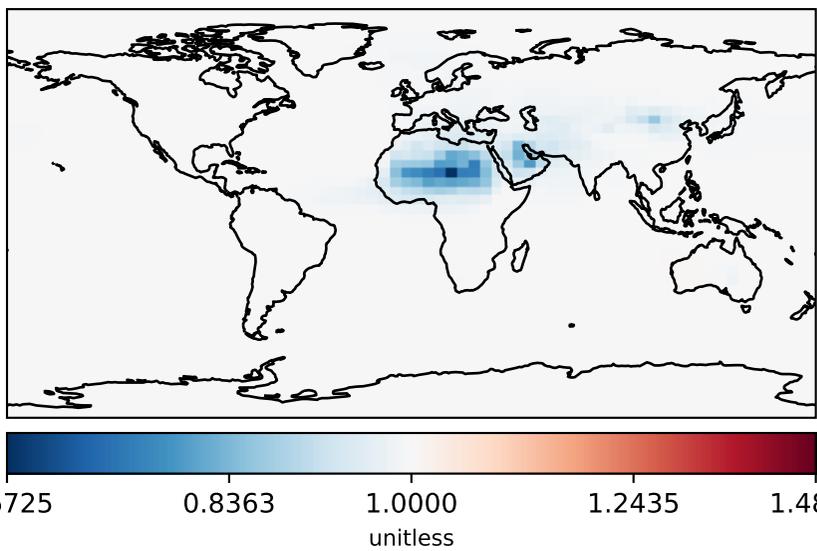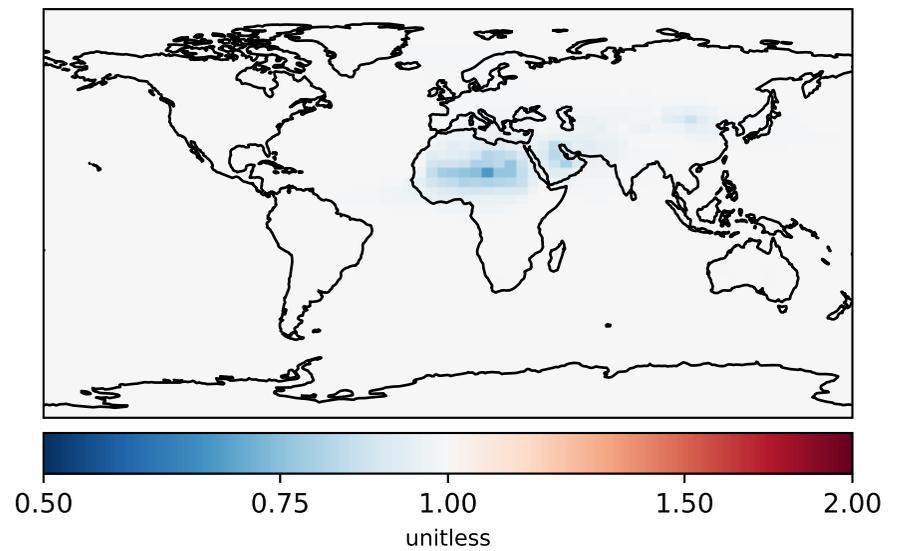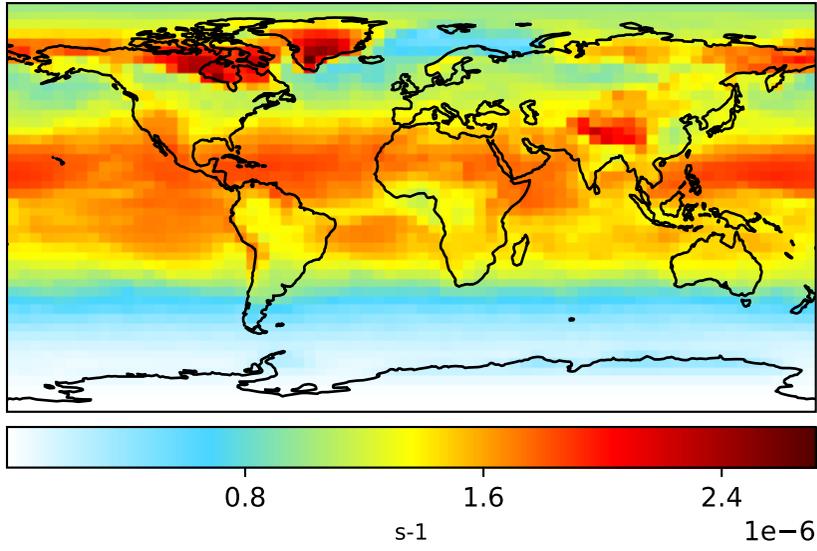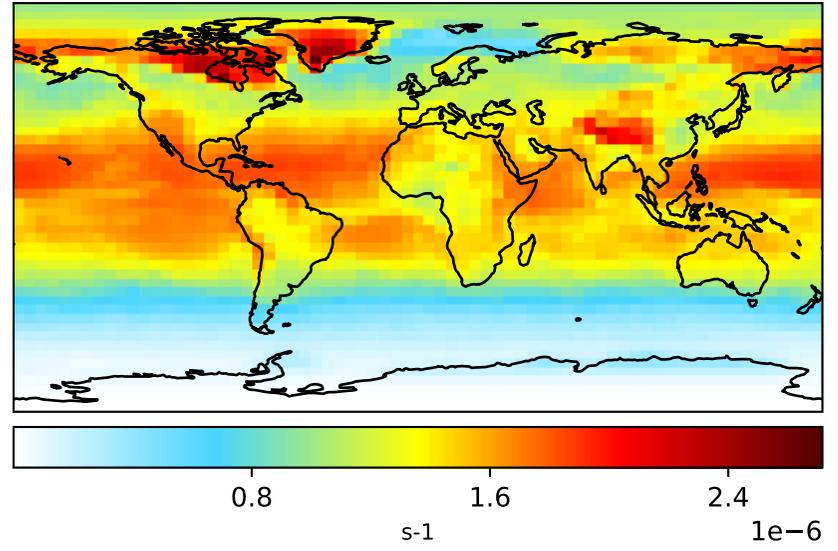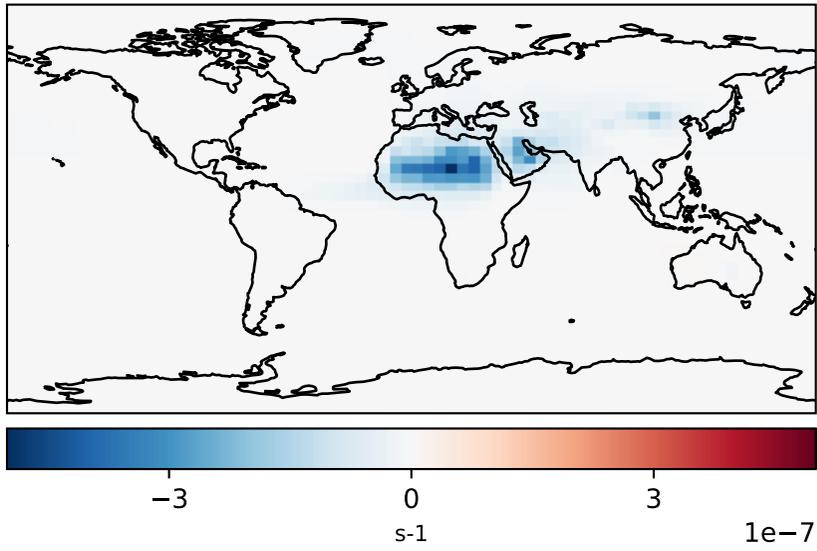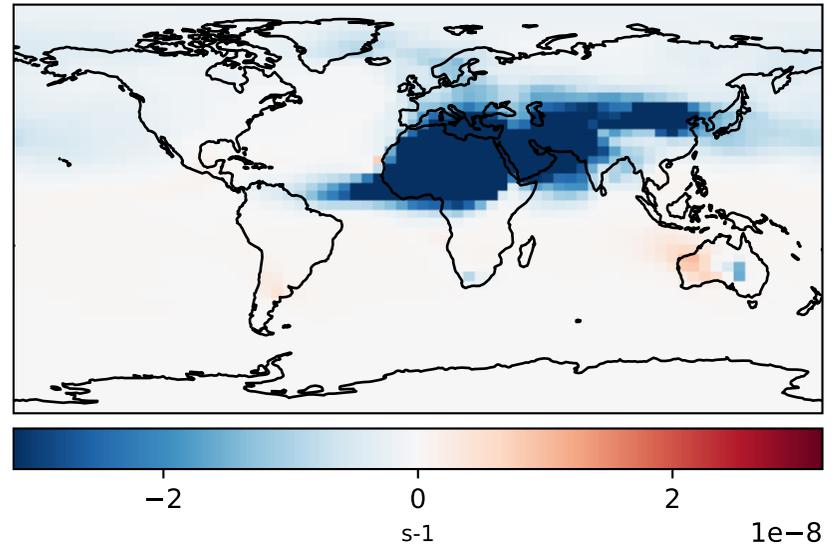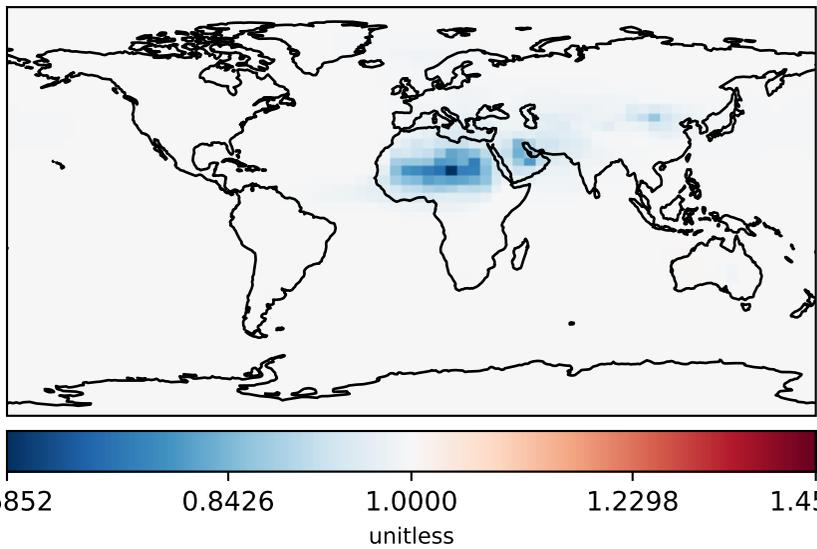Dev - Ref, Restricted Range [5%,95%]

Ratio
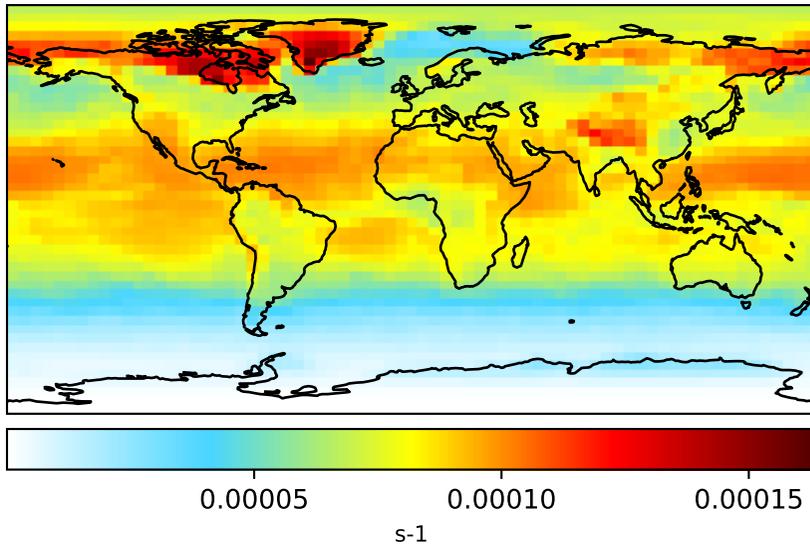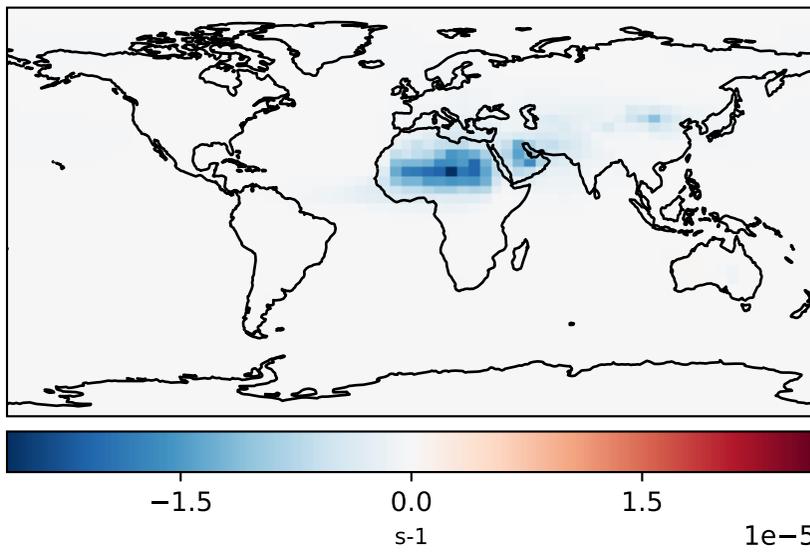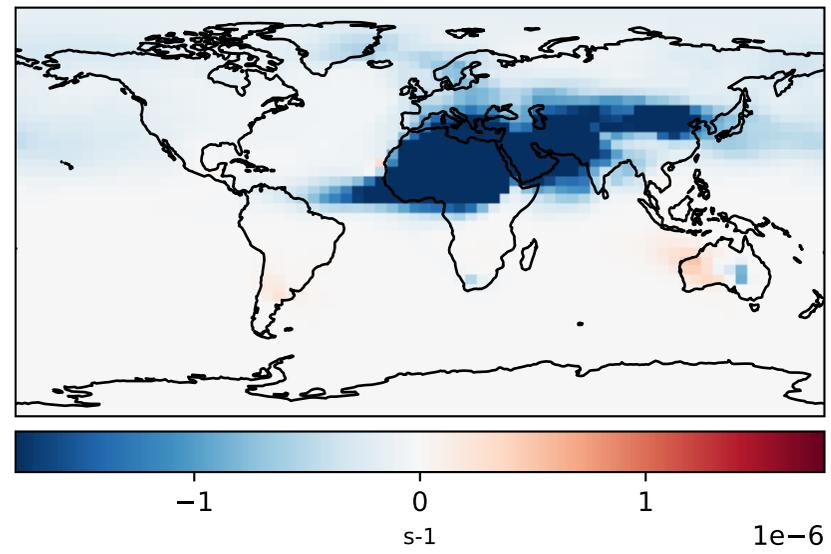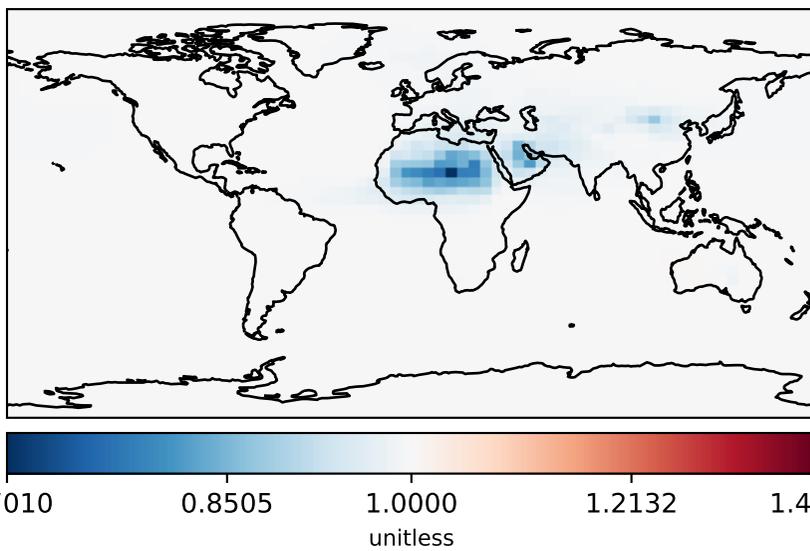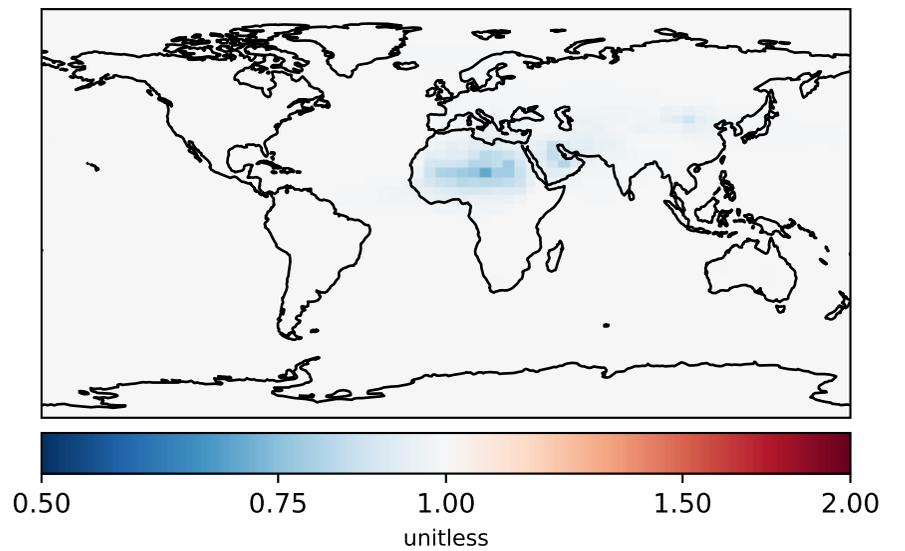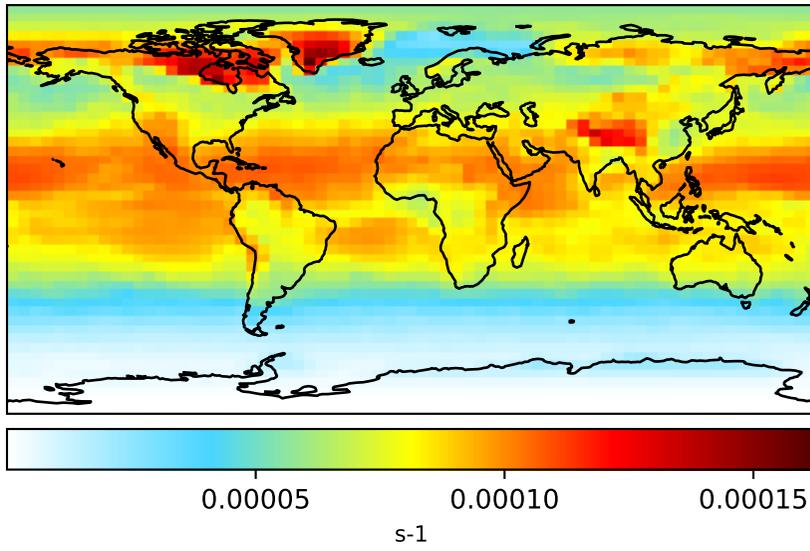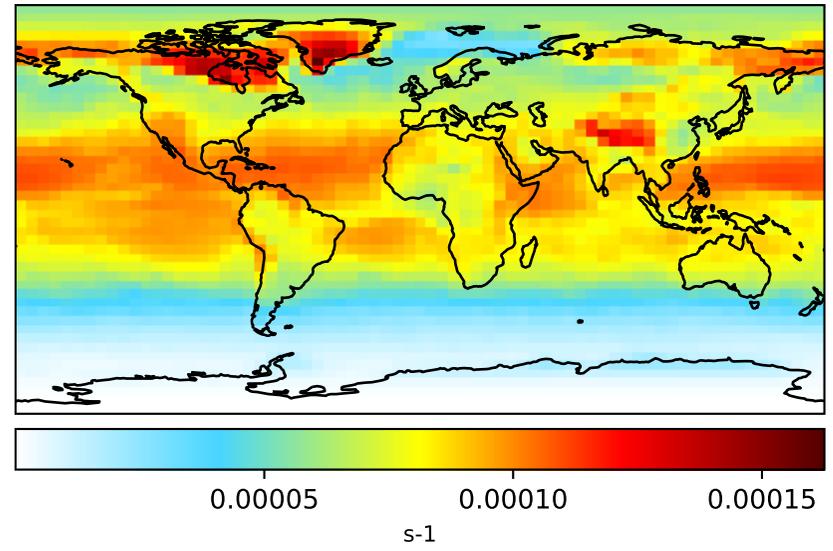Dev/Ref, Dynamic Range

Ratio
Dev/Ref, Fixed Range

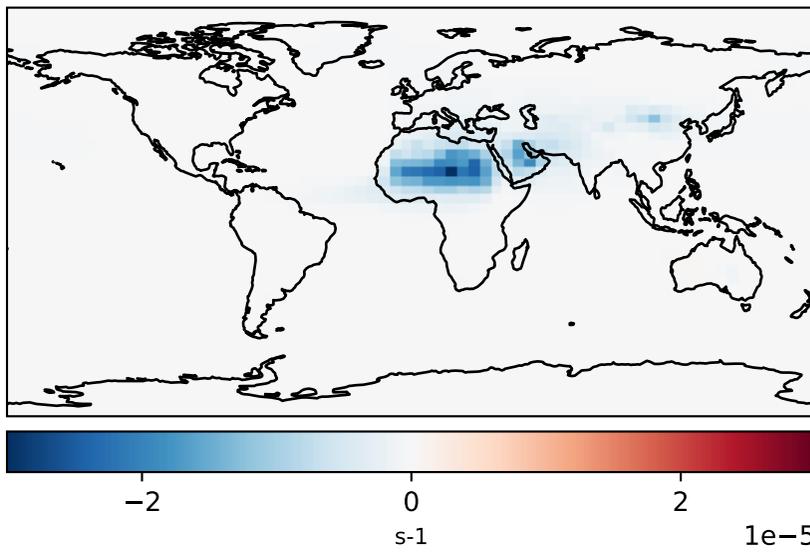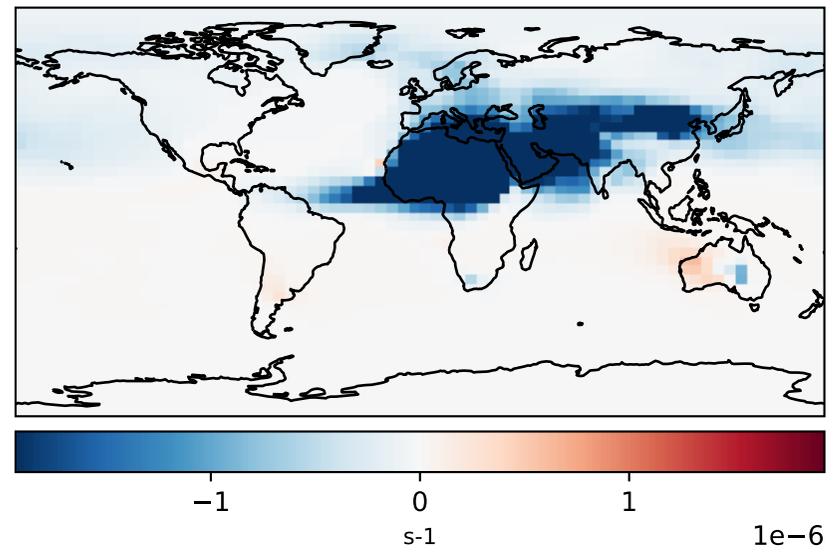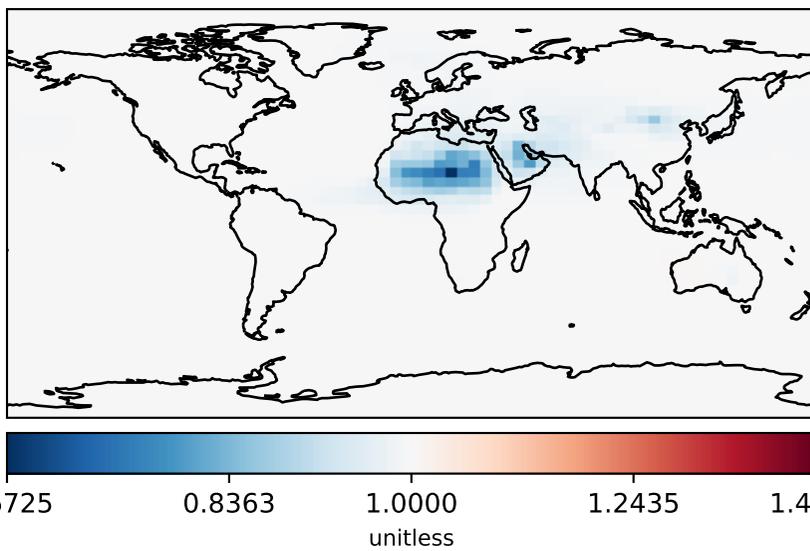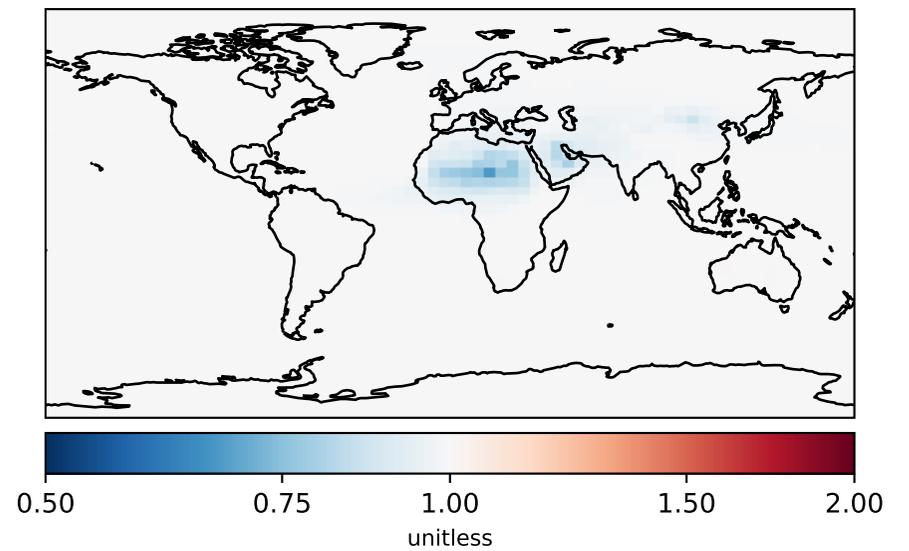Jval_MENO3 (Apr2019)

Jval_MGLY (Apr2019)

gcc.14.5.0-rc.0 (Ref)
4.0x5.0

gcc.14.7.0-rc.0 (Dev)
4.0x5.0

Difference
Dev - Ref, Dynamic Range

Difference
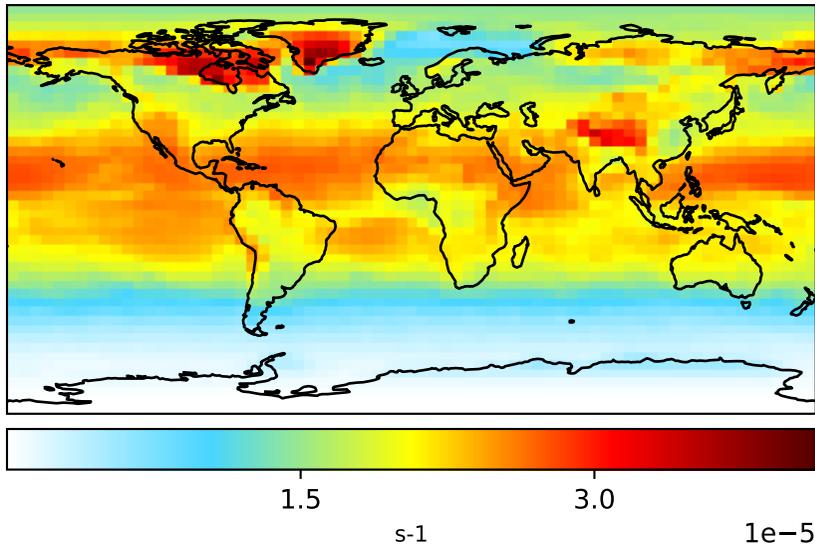Dev - Ref, Restricted Range [5%,95%]
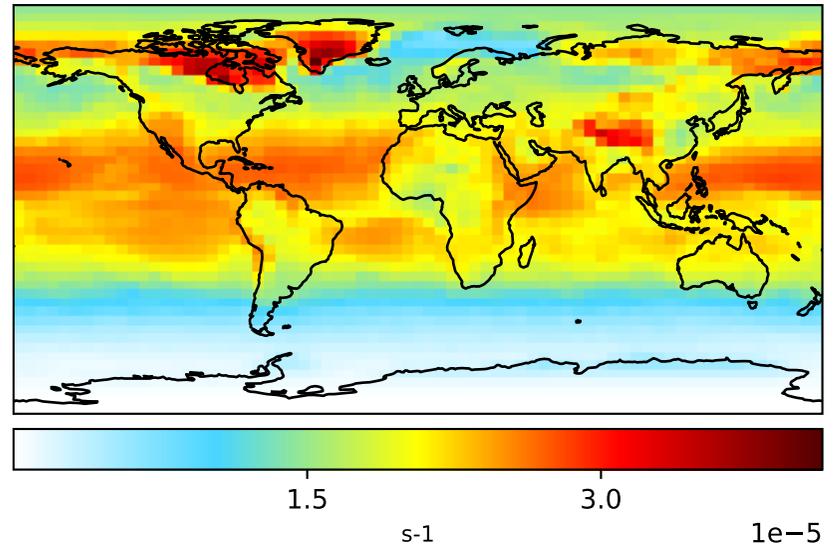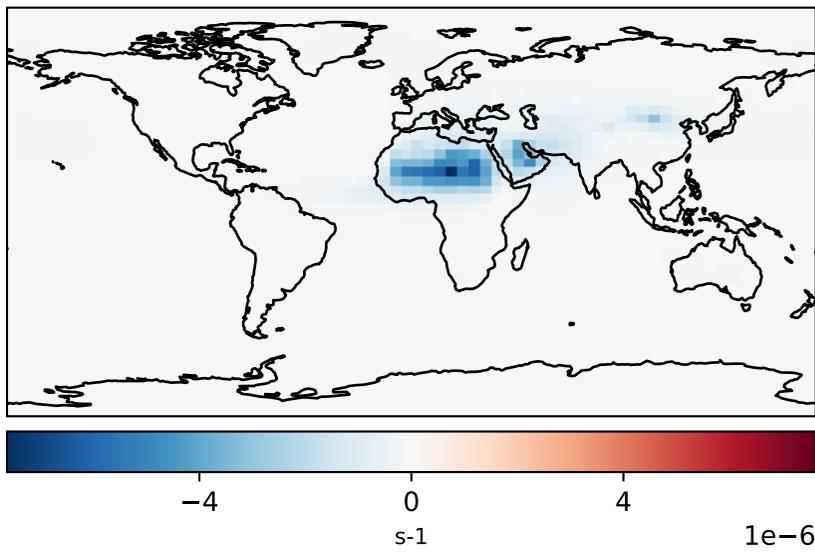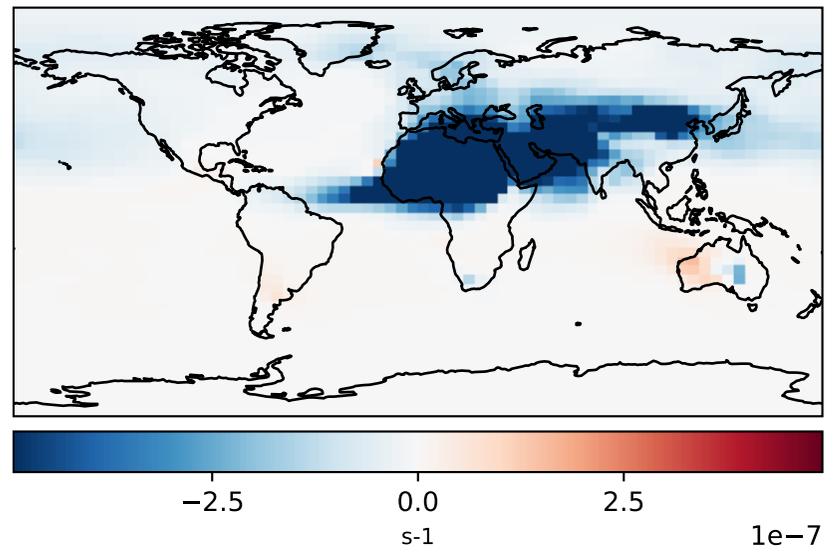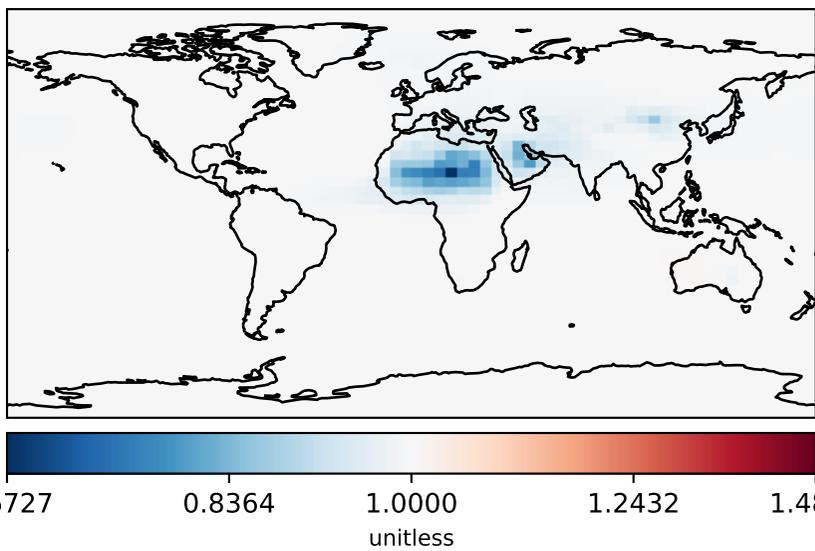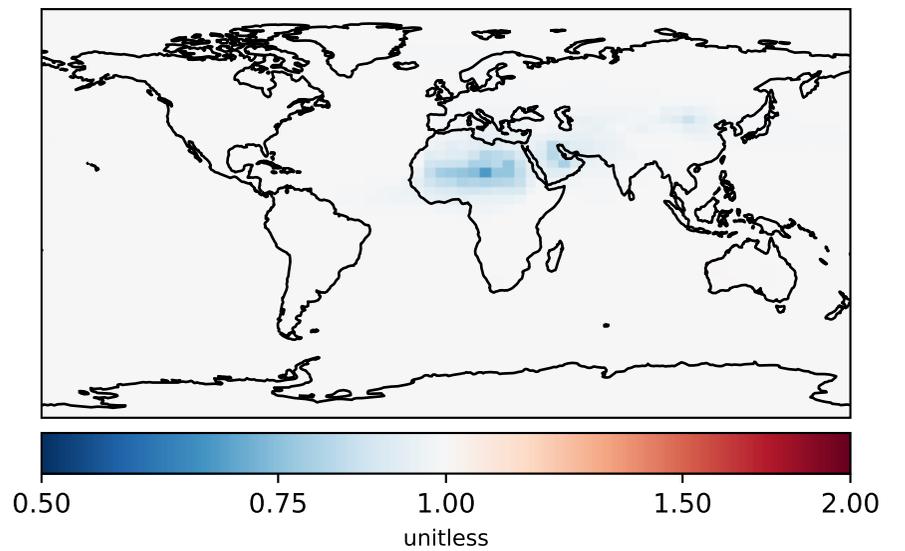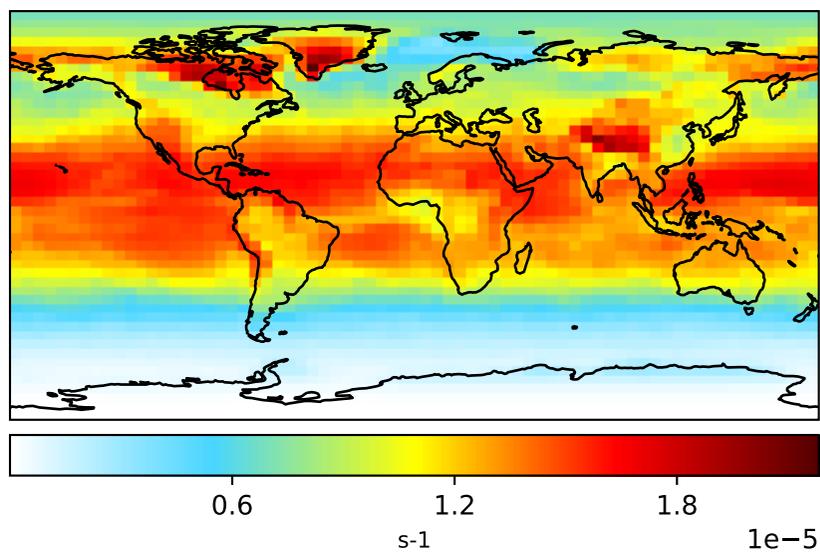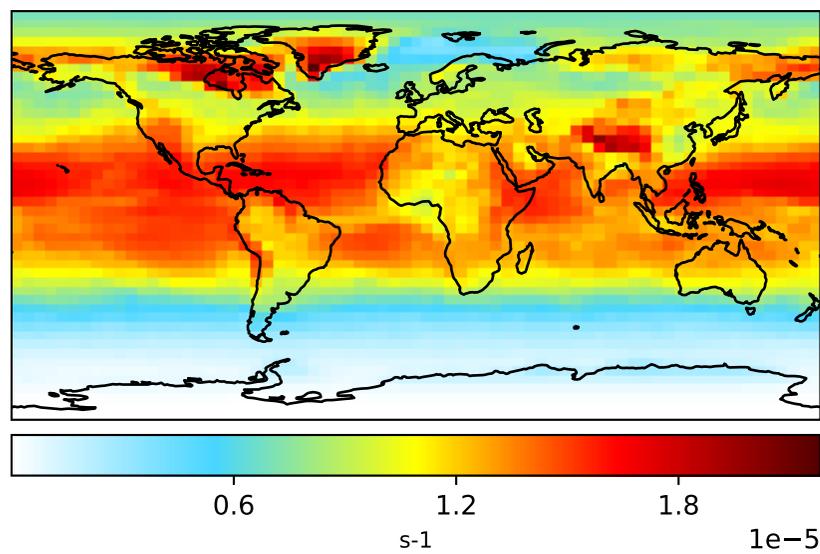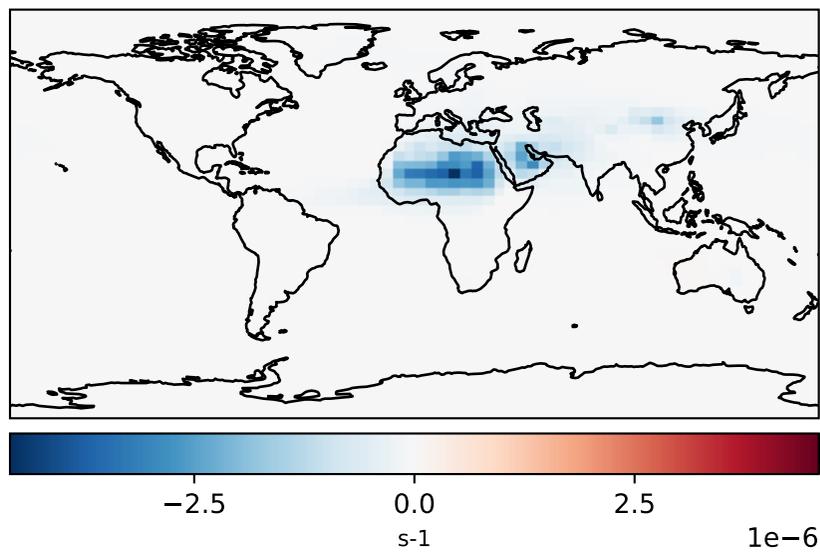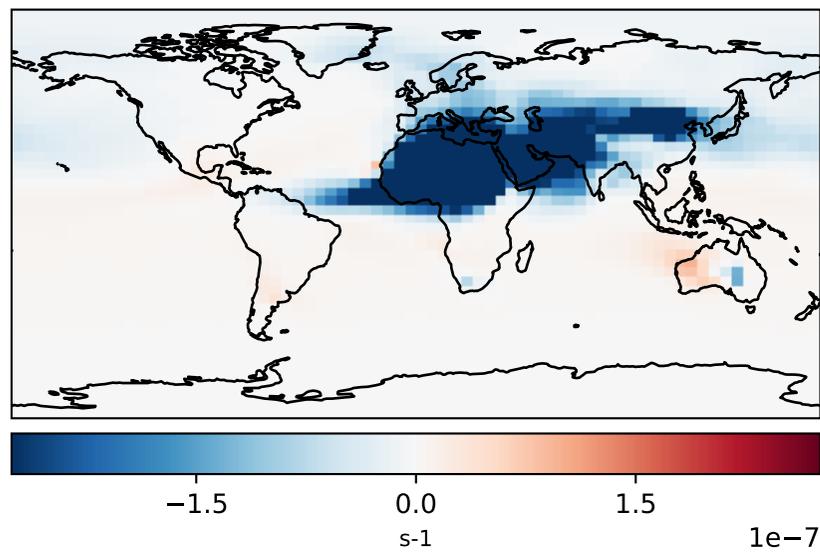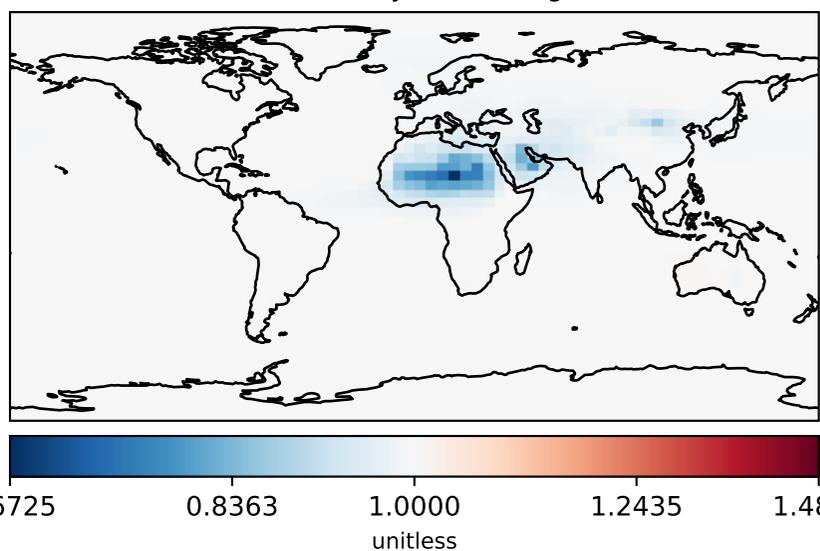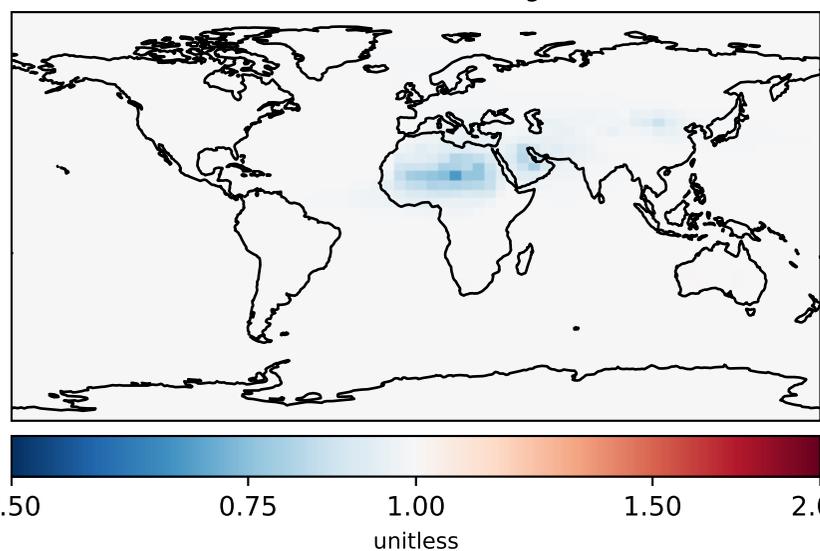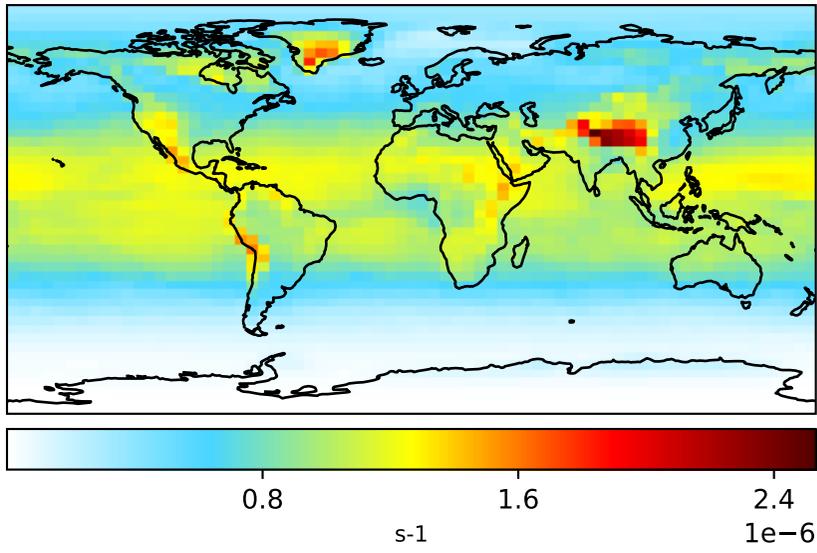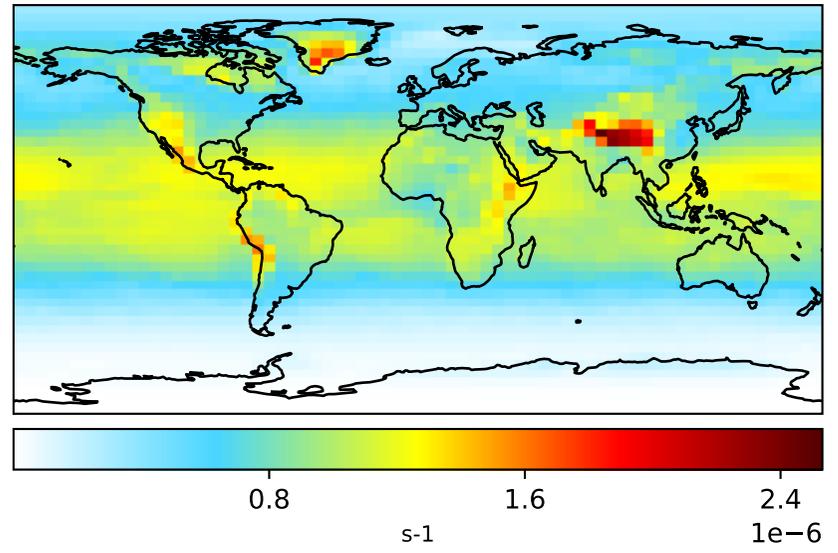
Ratio
Dev/Ref, Dynamic Range
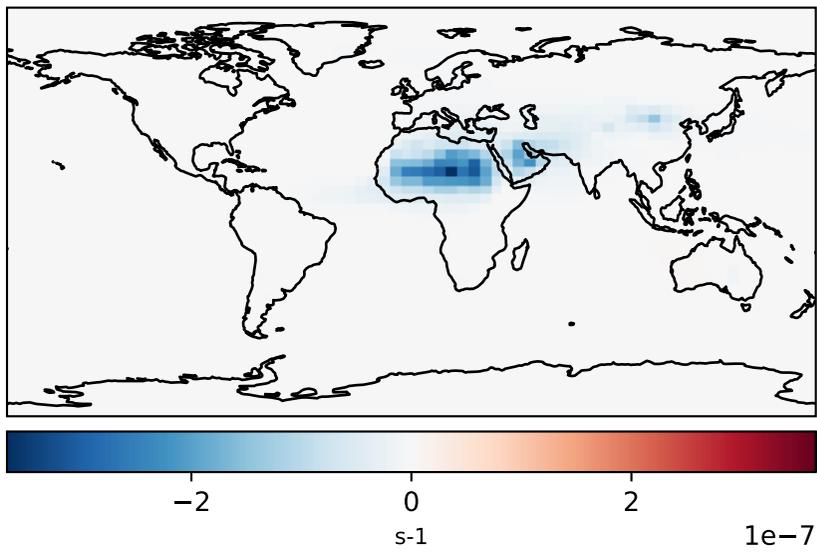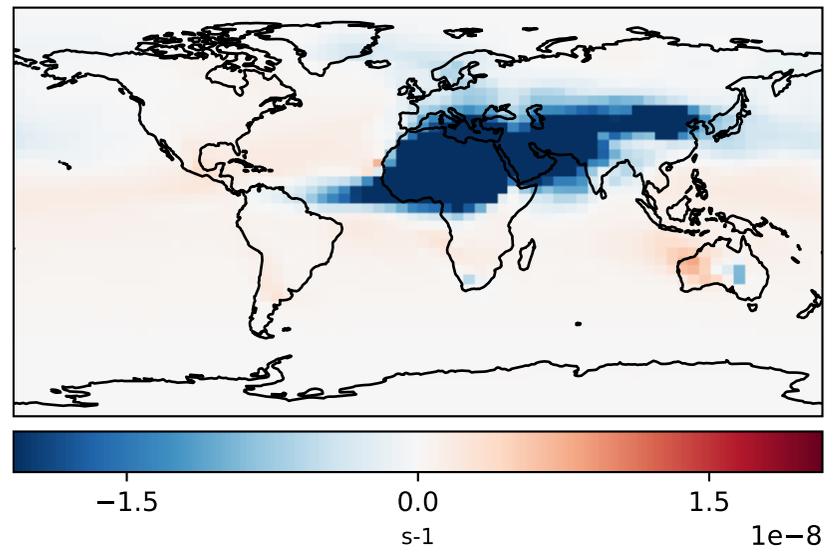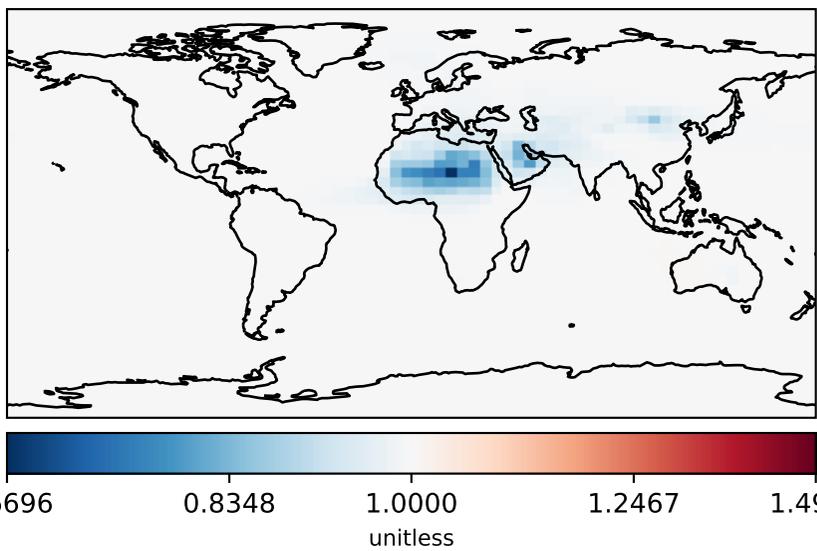
Ratio
Dev/Ref, Fixed Range

Jval_MONITS (Apr2019)

gcc.14.5.0-rc.0 (Ref)
4.0x5.0

gcc.14.7.0-rc.0 (Dev)
4.0x5.0

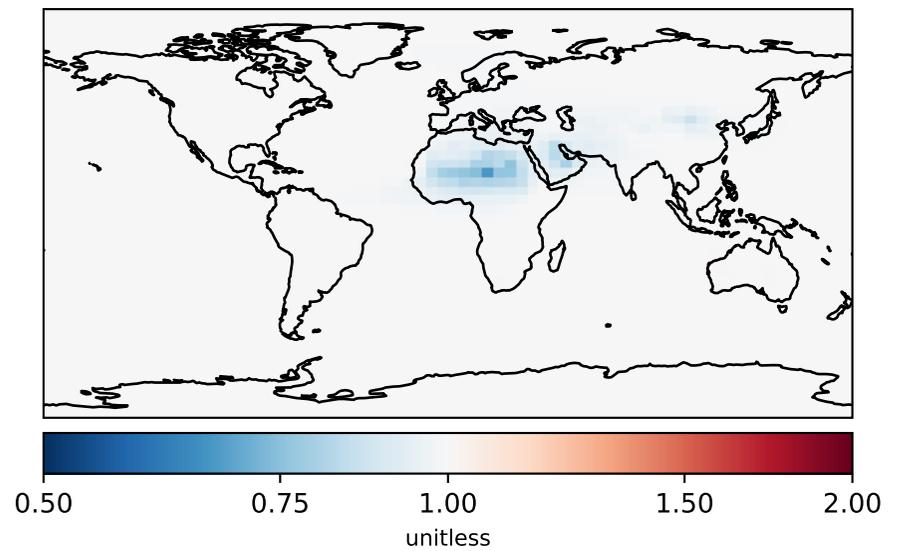Difference
Dev - Ref, Dynamic Range

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

Ratio
Dev/Ref, Dynamic Range

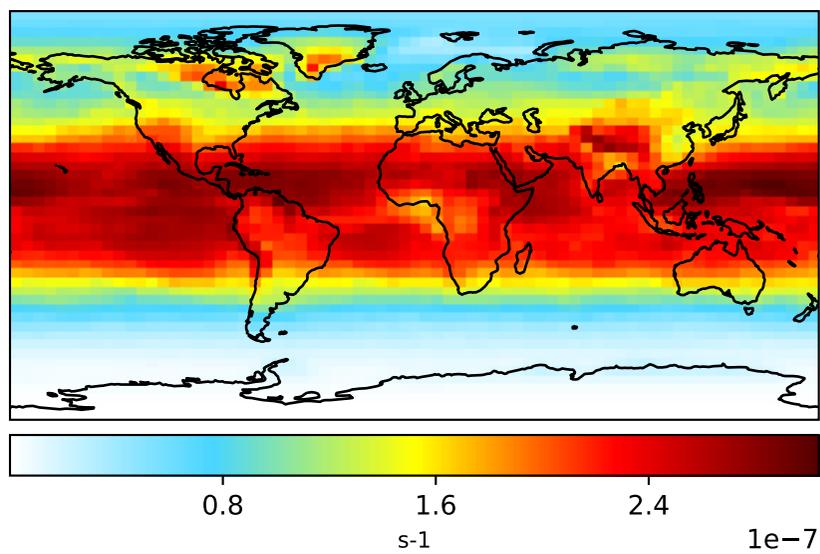Ratio
Dev/Ref, Fixed Range

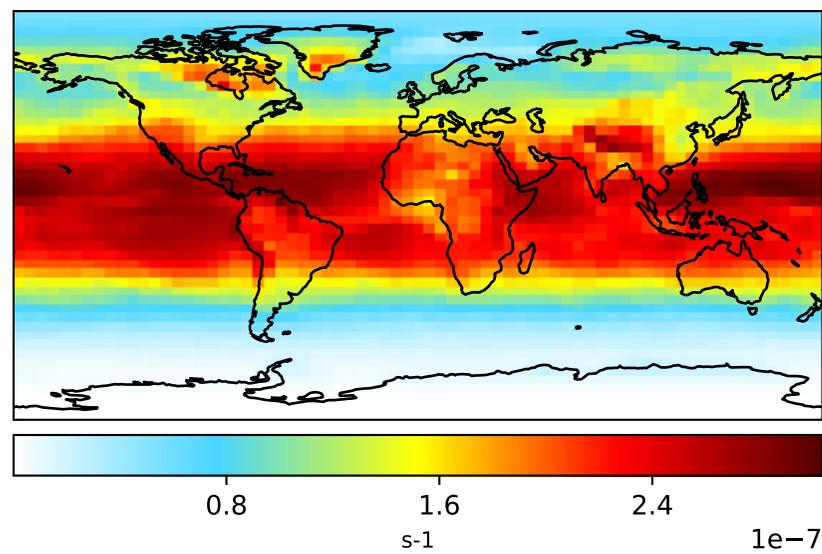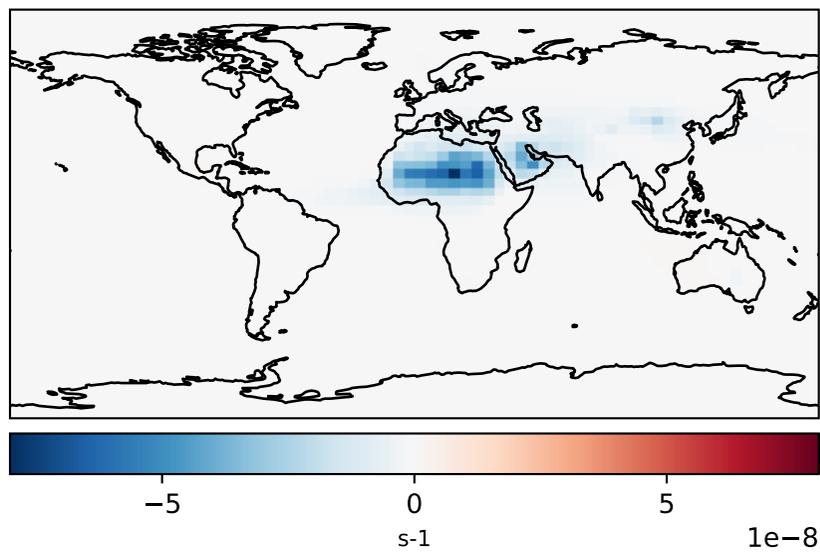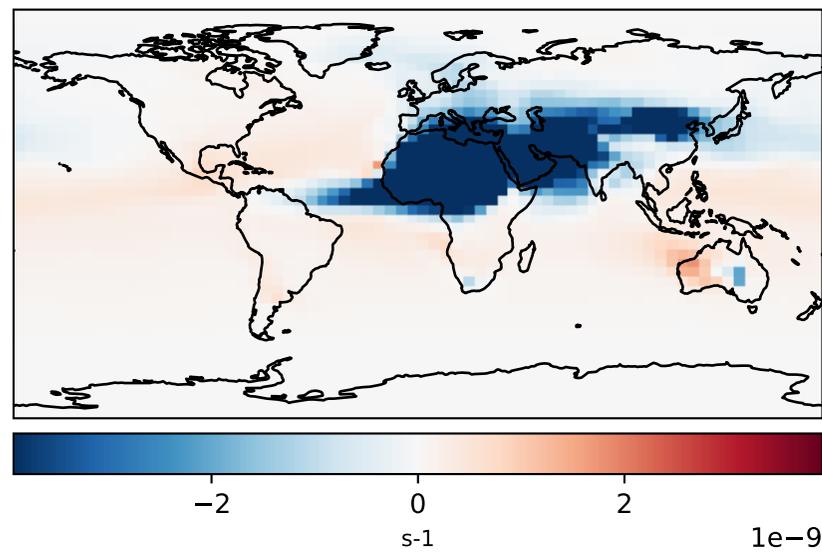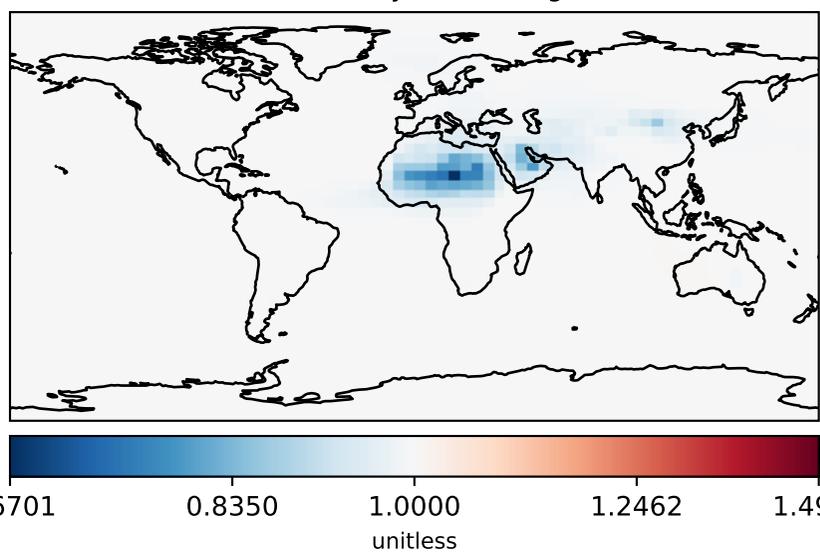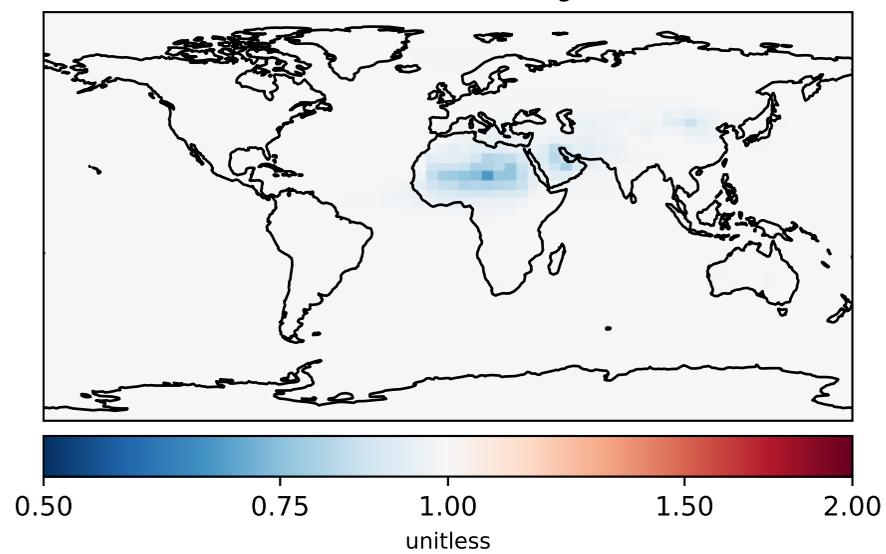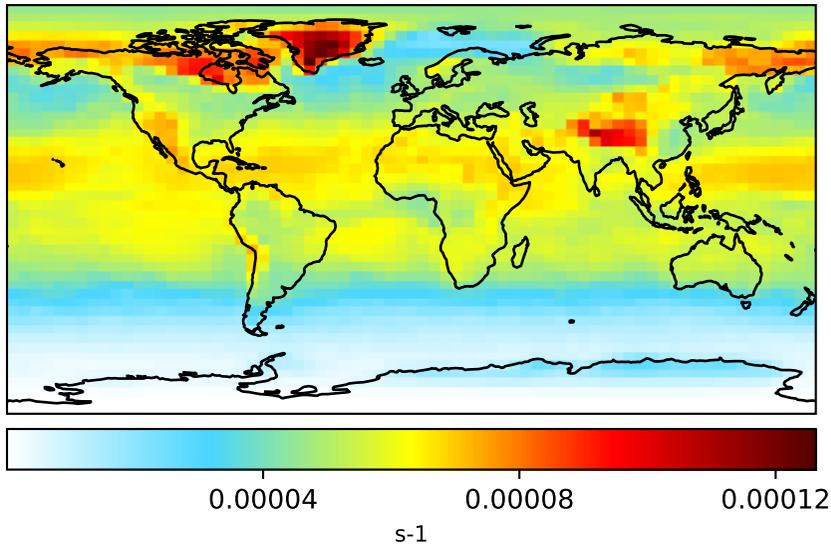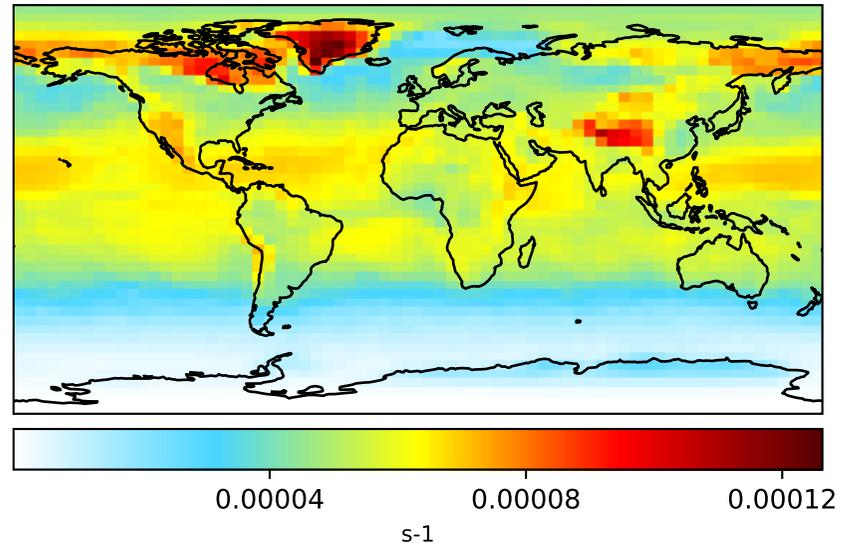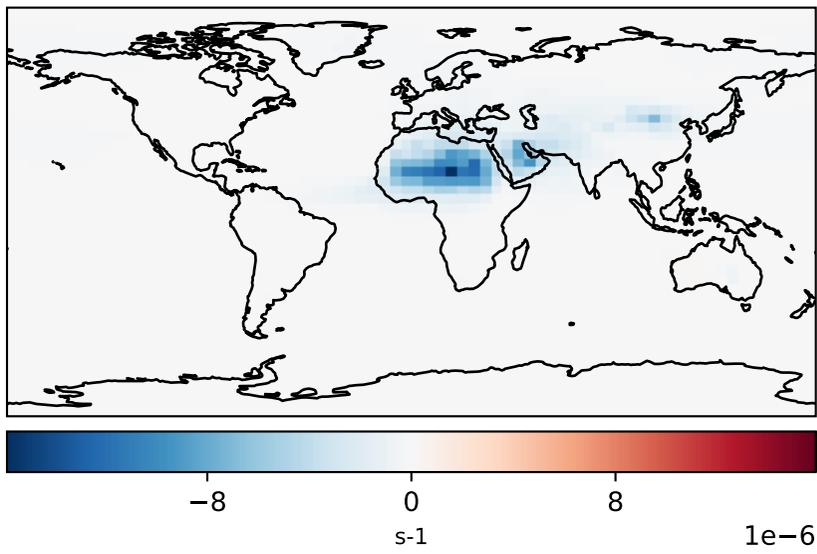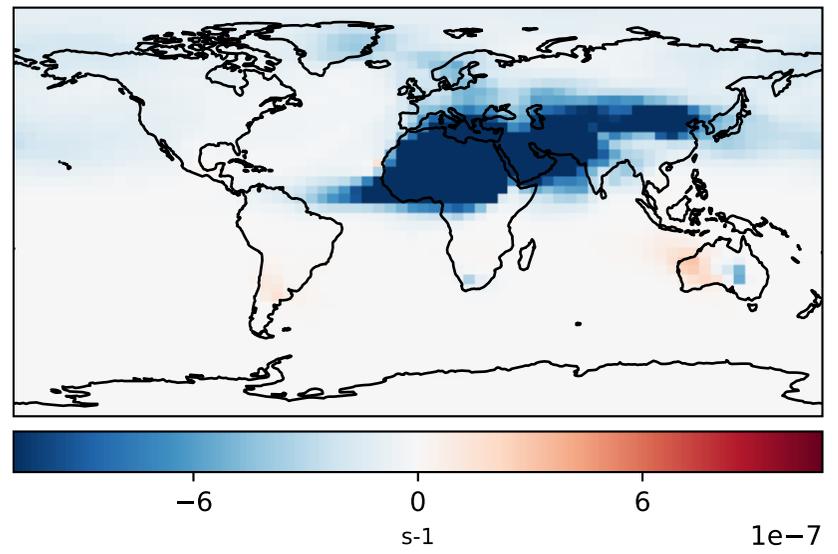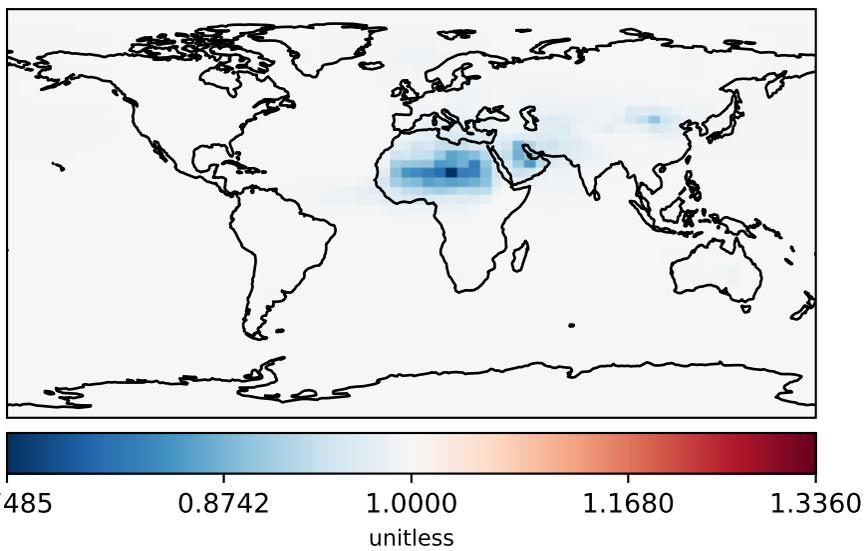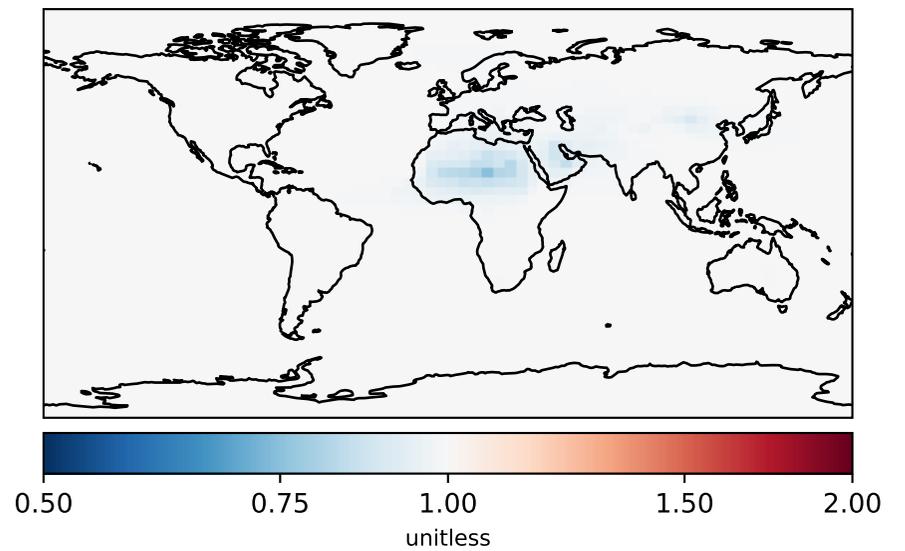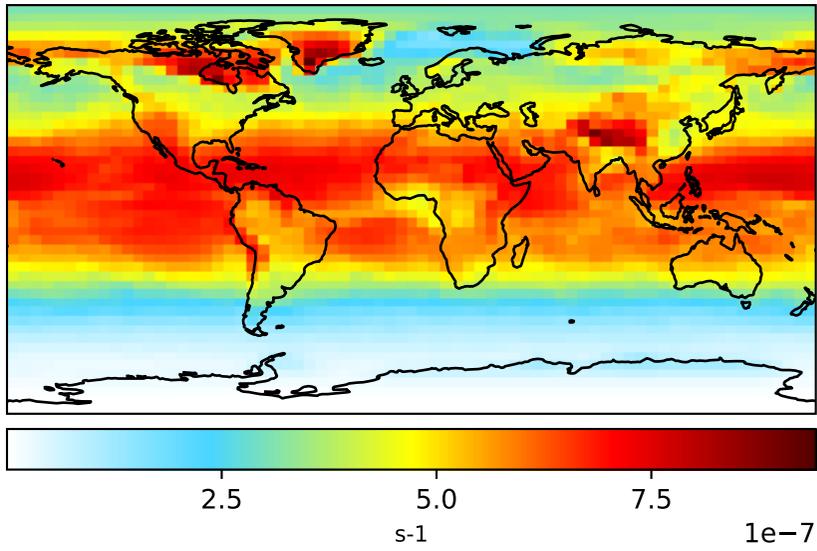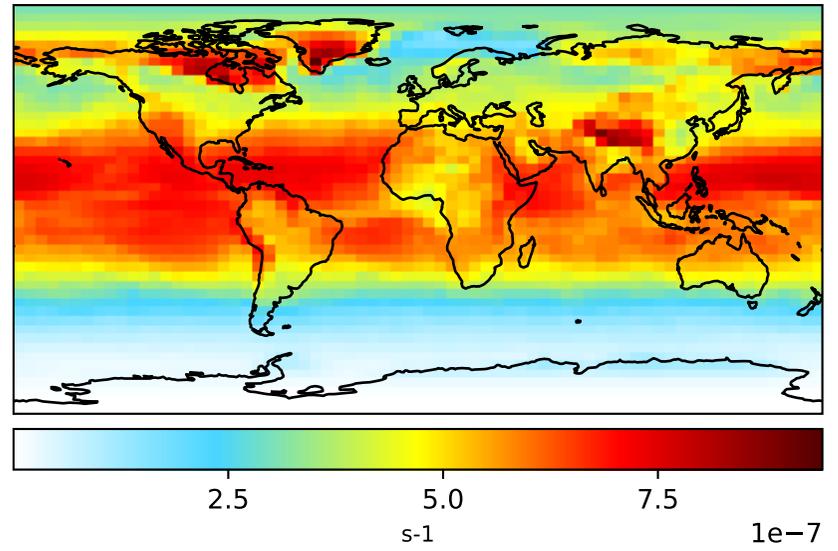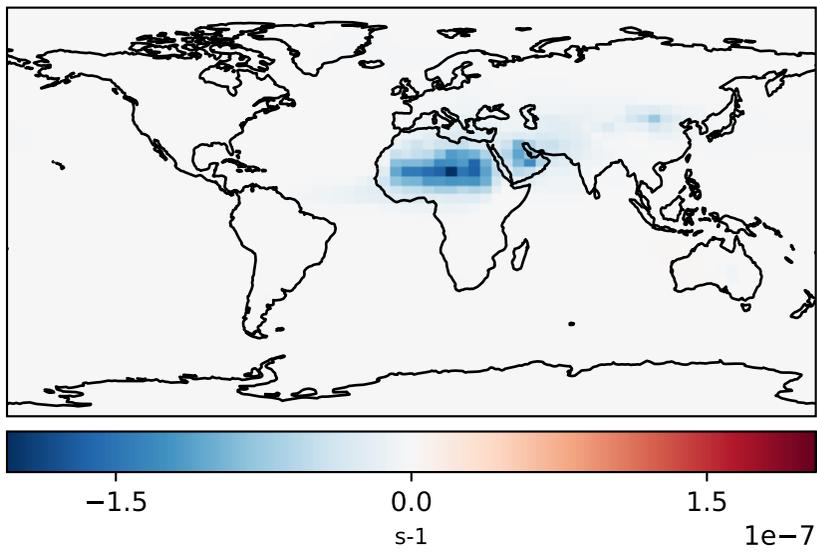Jval_MONITU (Apr2019)

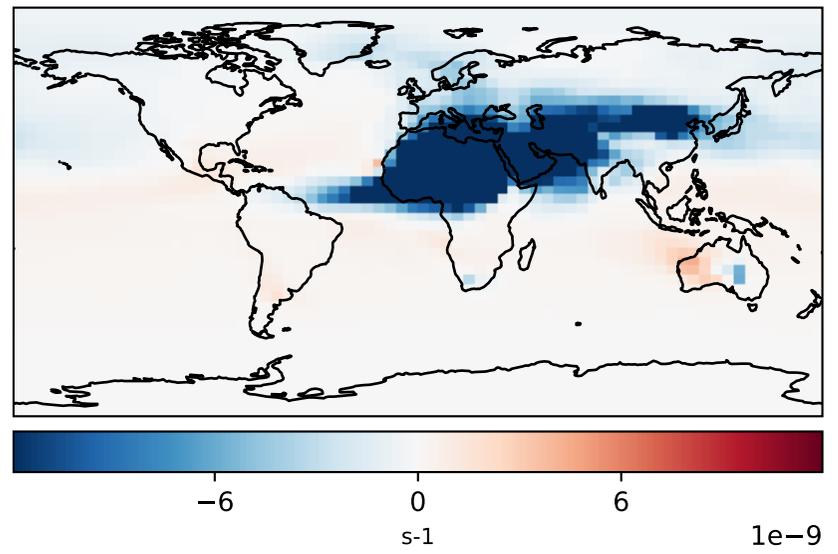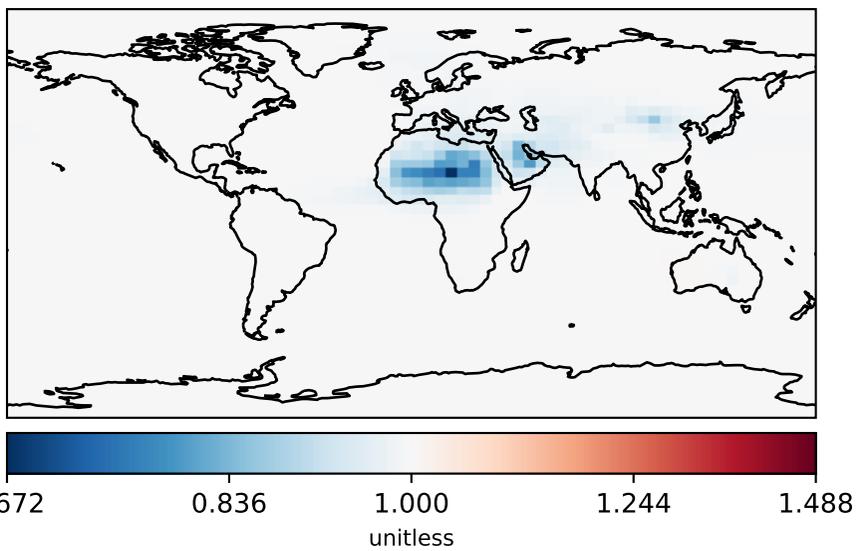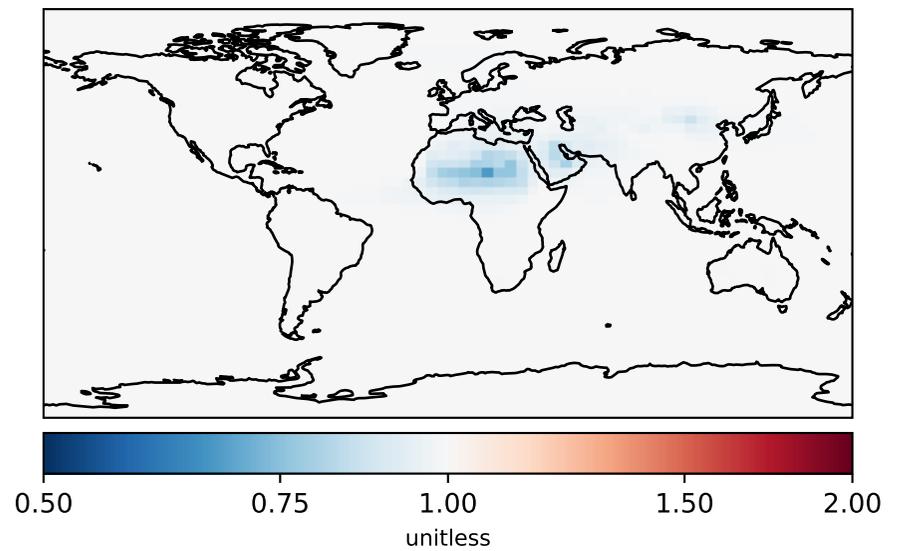# Jval_MP (Apr2019)

gcc.14.5.0-rc.0 (Ref)
4.0x5.0

gcc.14.7.0-rc.0 (Dev)
4.0x5.0

Difference
Dev - Ref, Dynamic Range

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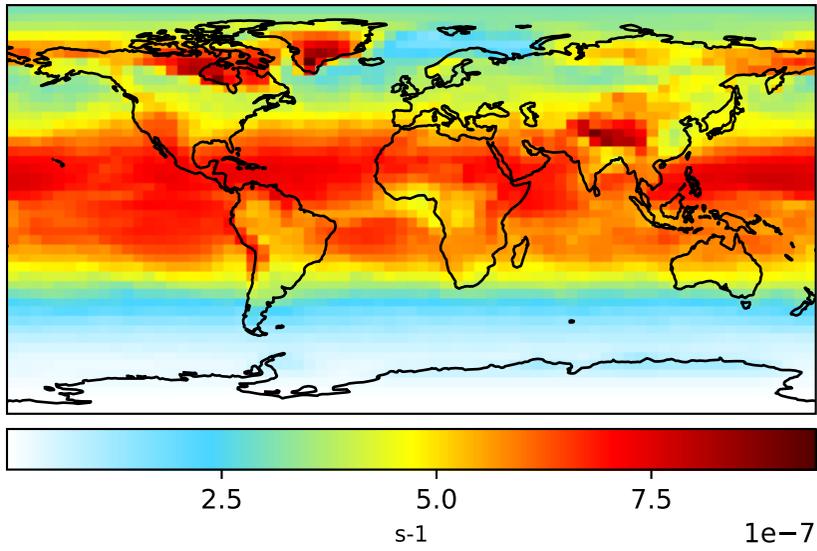Dev - Ref, Restricted Range [5%,95%]
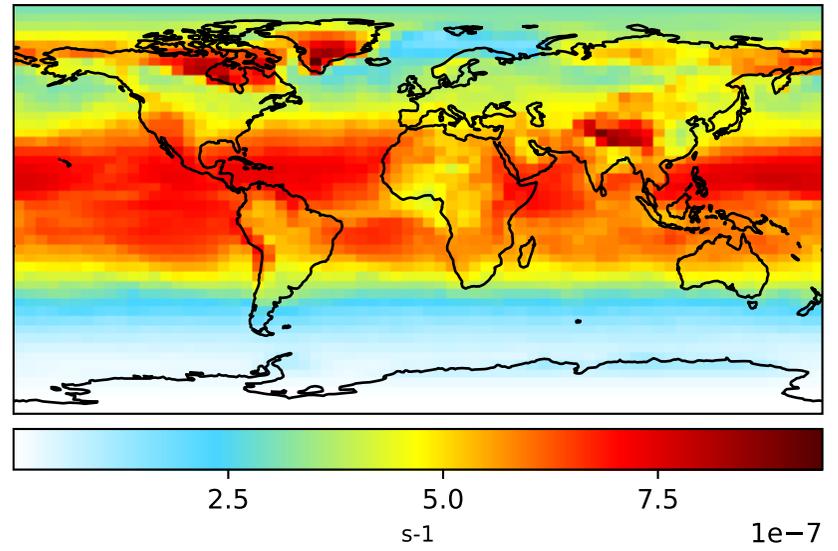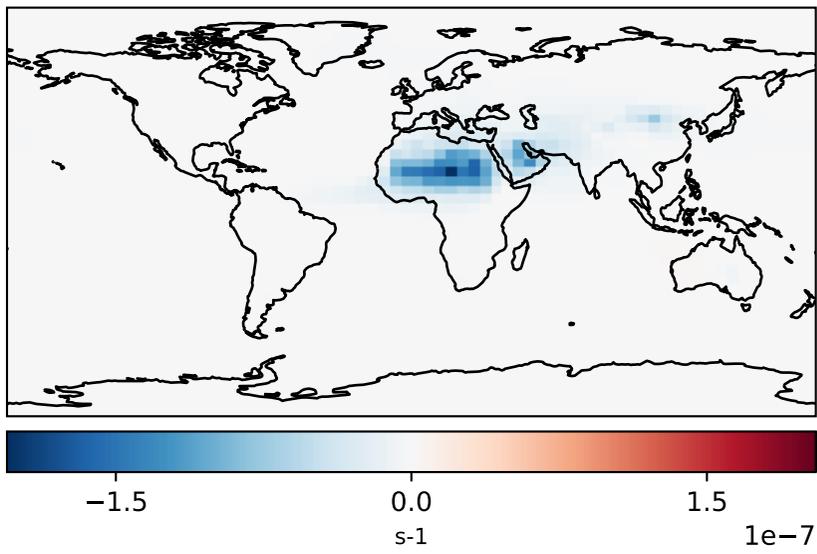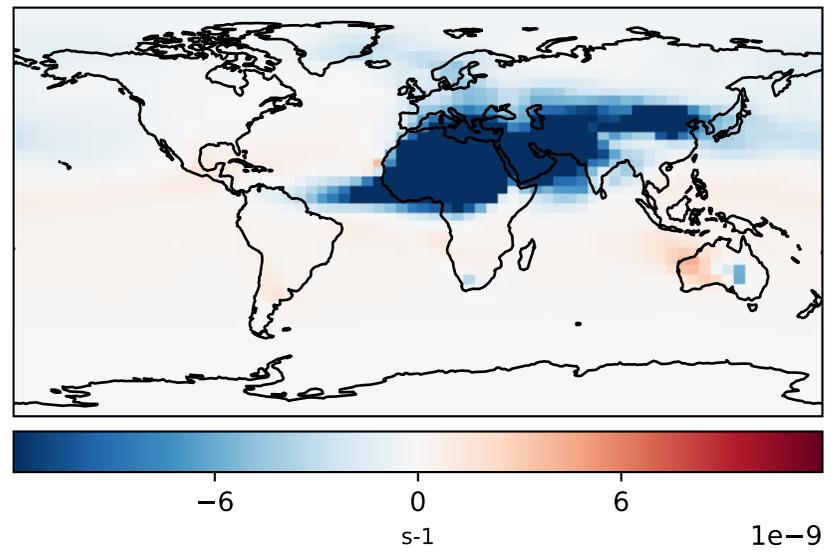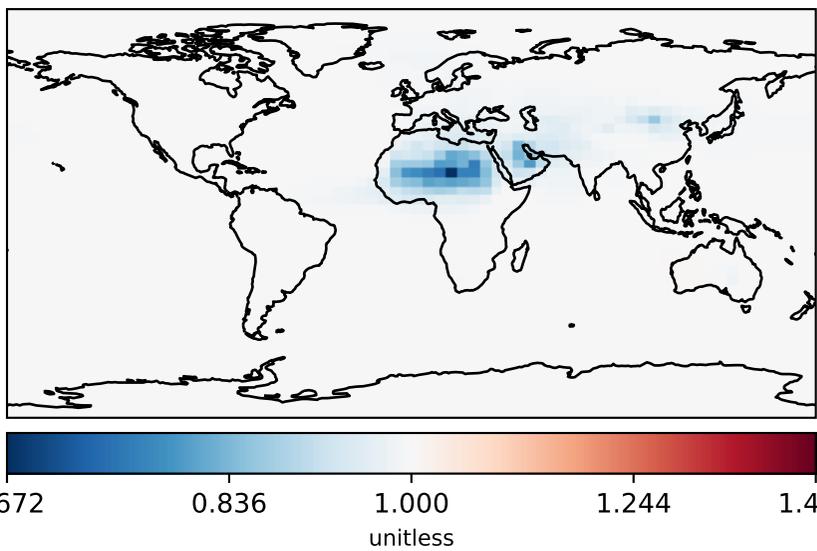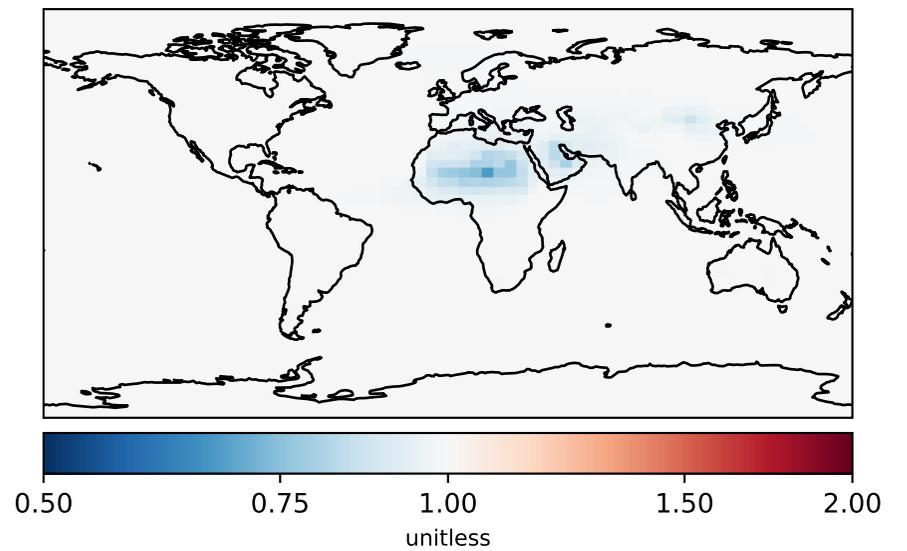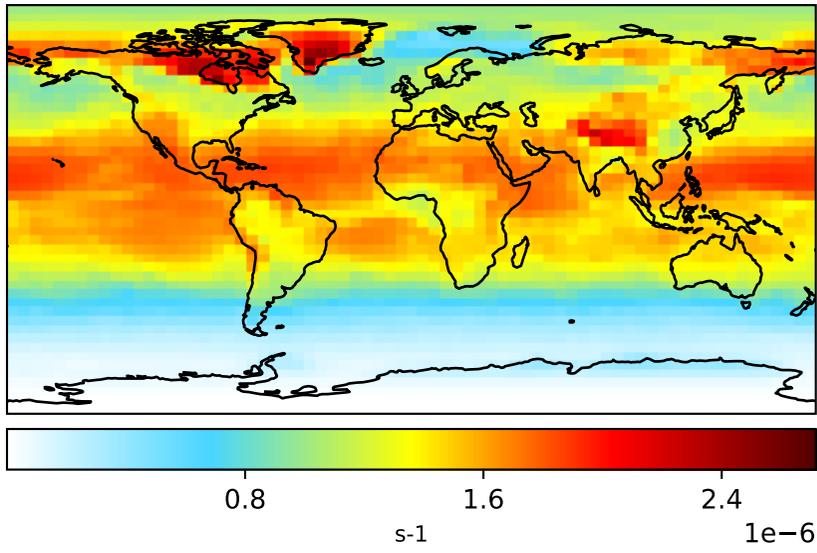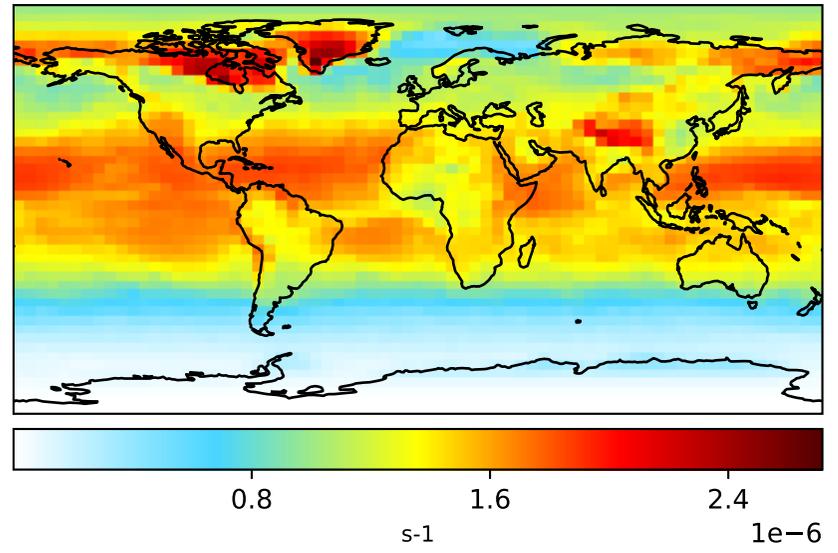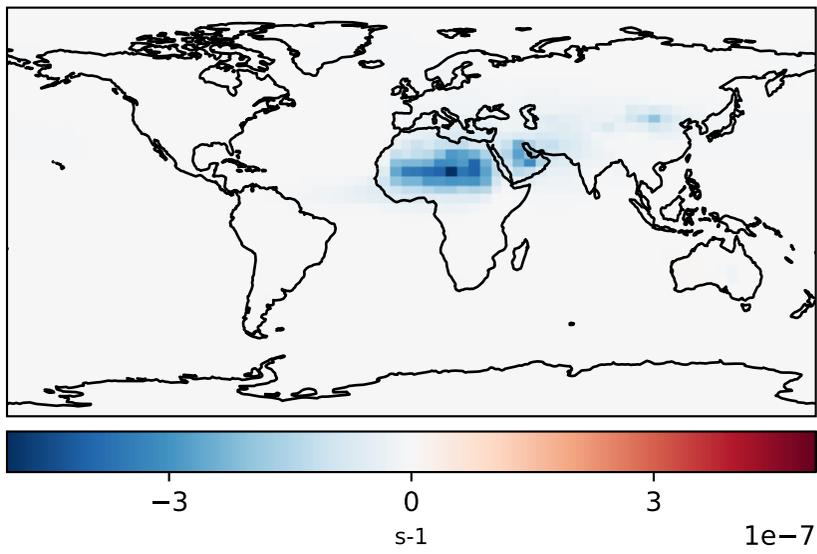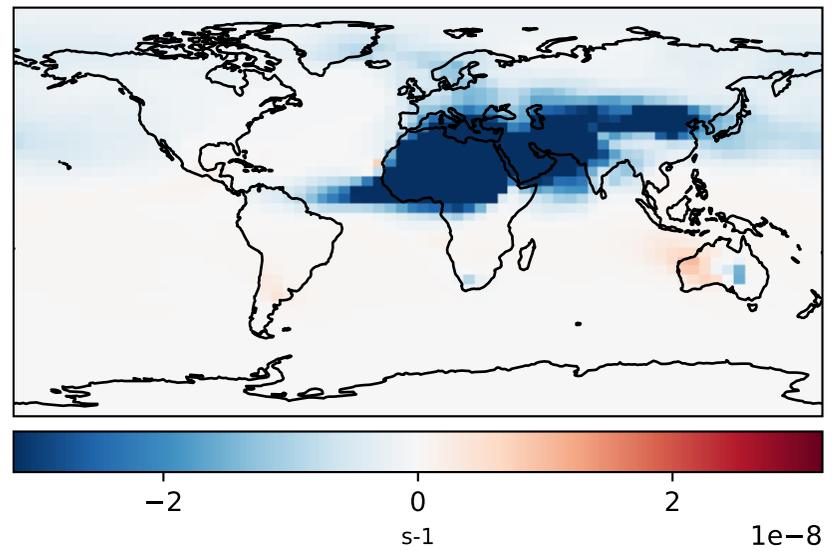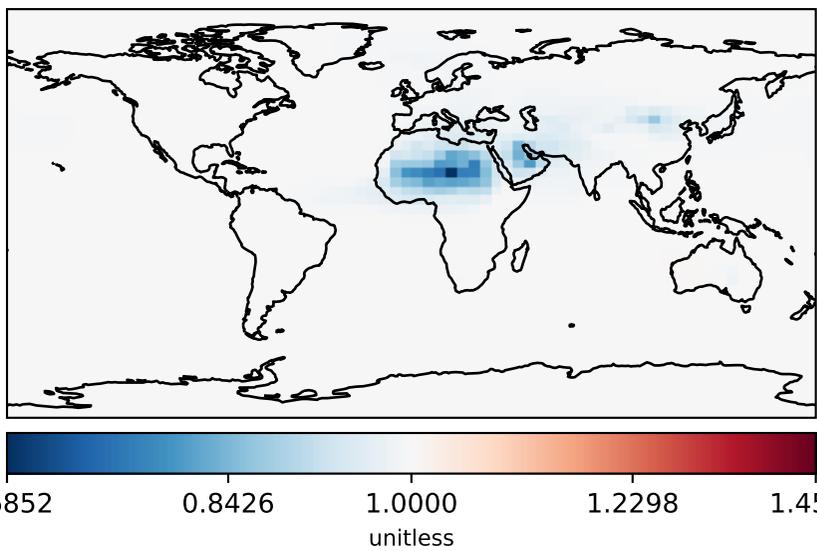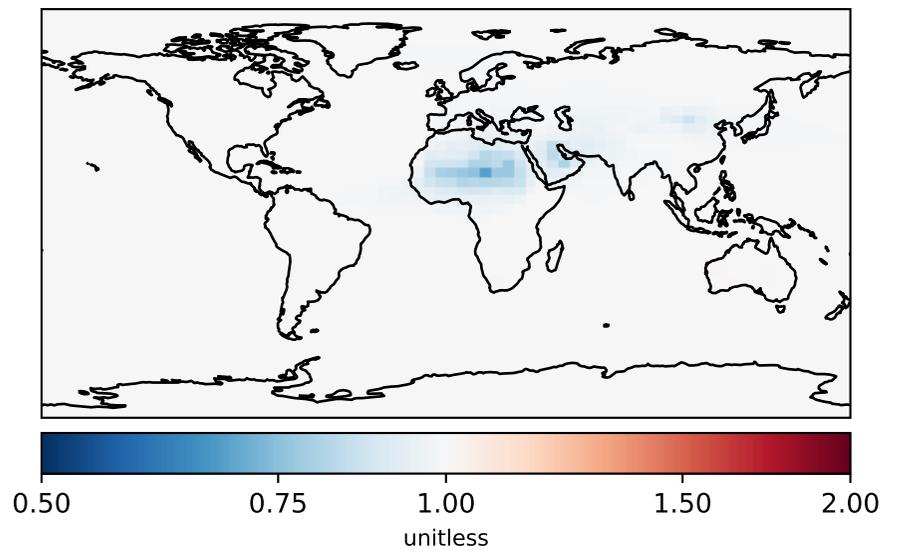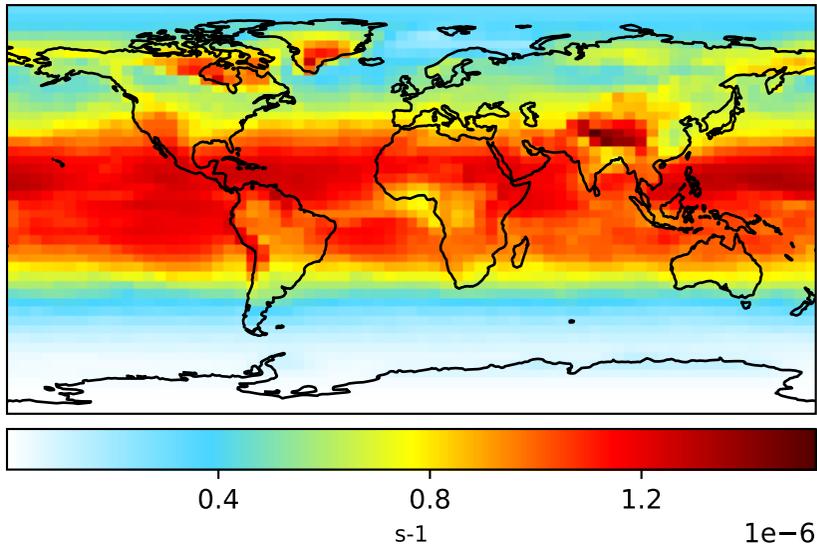
Ratio
Dev/Ref, Dynamic Range

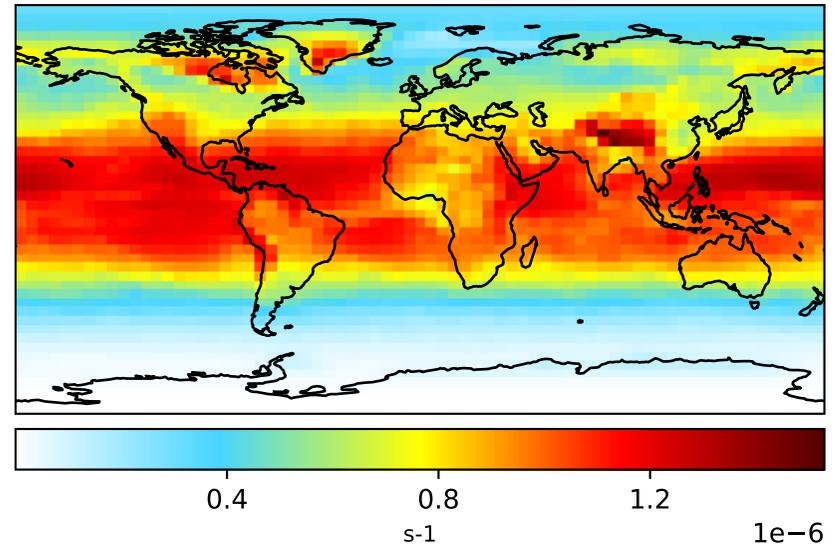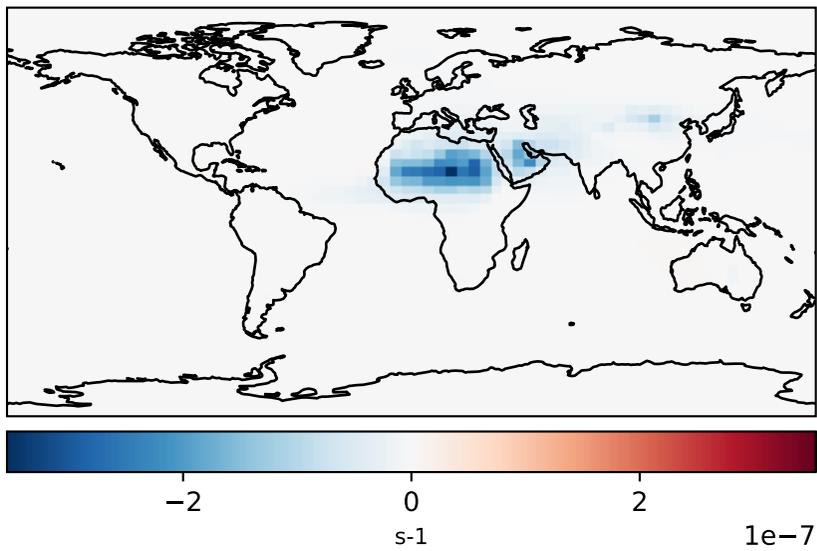Ratio
Dev/Ref, Fixed Range

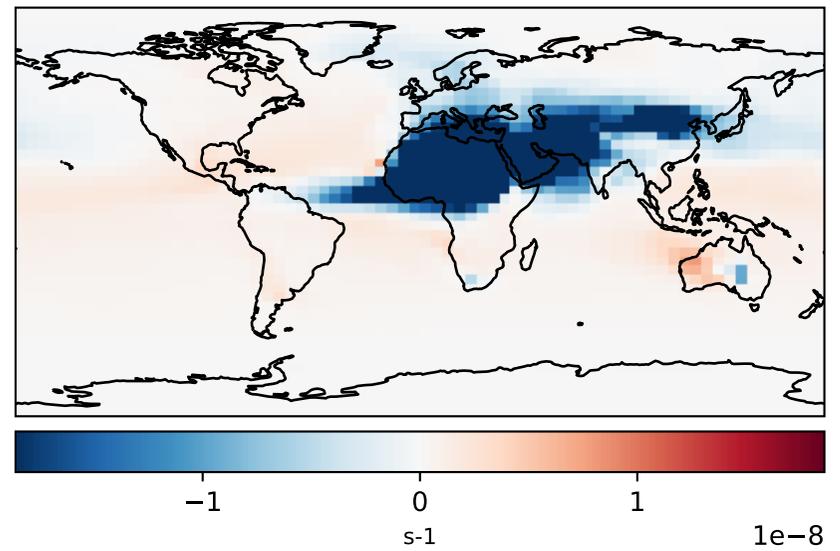# Jval_MPN (Apr2019)

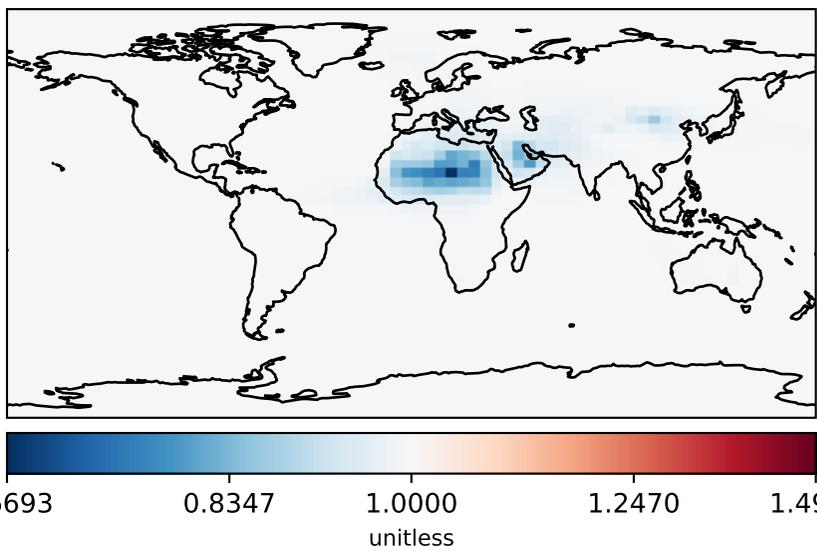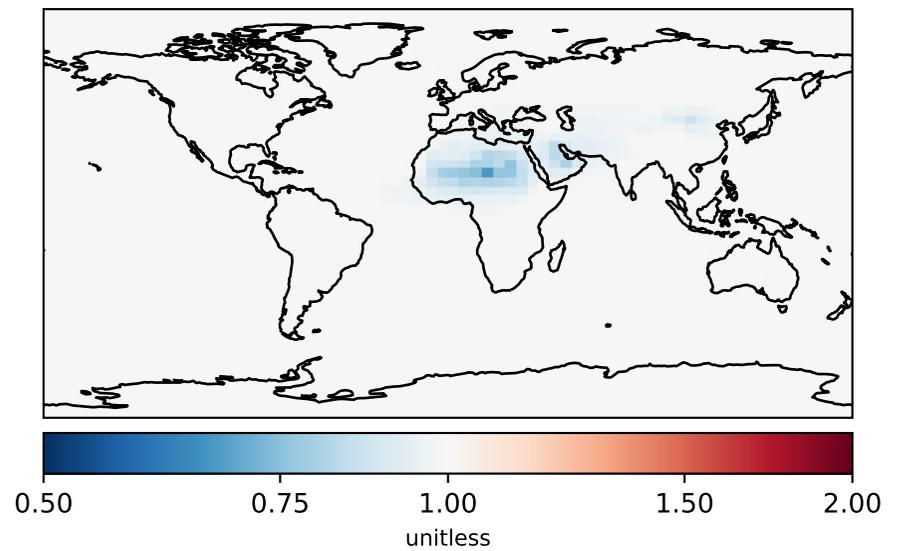gcc.14.5.0-rc.0 (Ref)
4.0x5.0

gcc.14.7.0-rc.0 (Dev)
4.0x5.0

Difference
Dev - Ref, Dynamic Range

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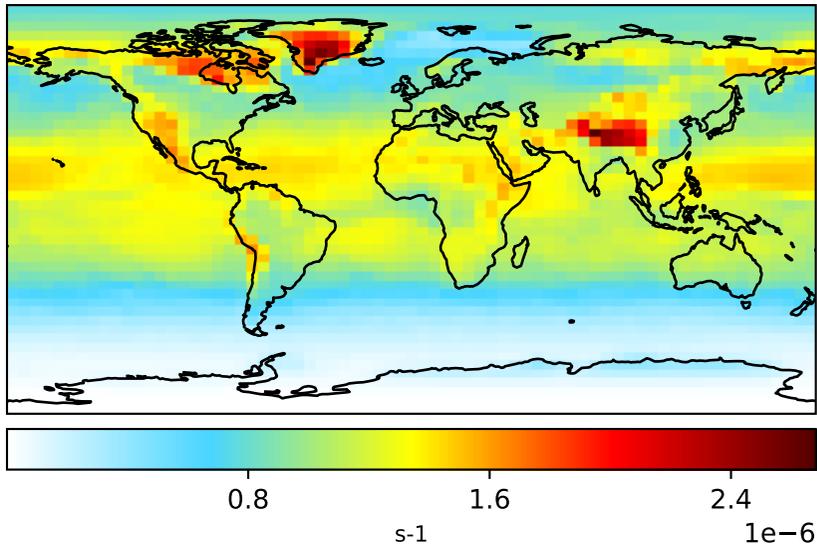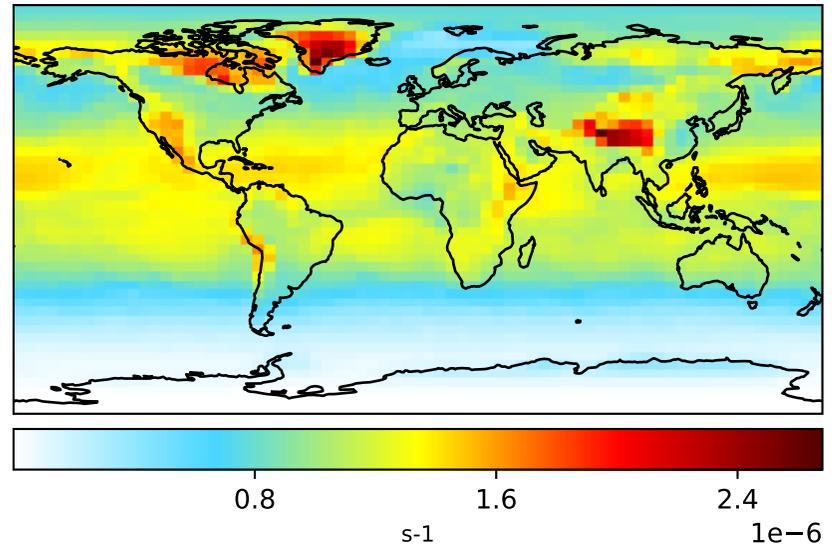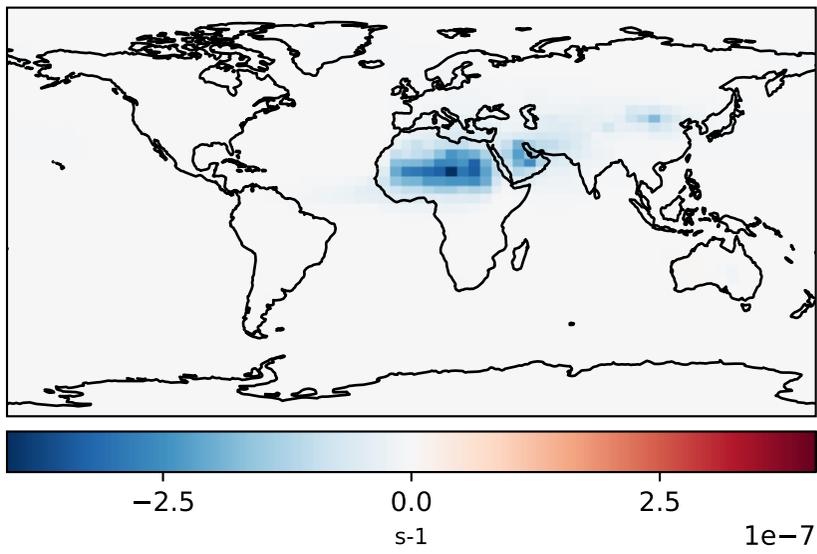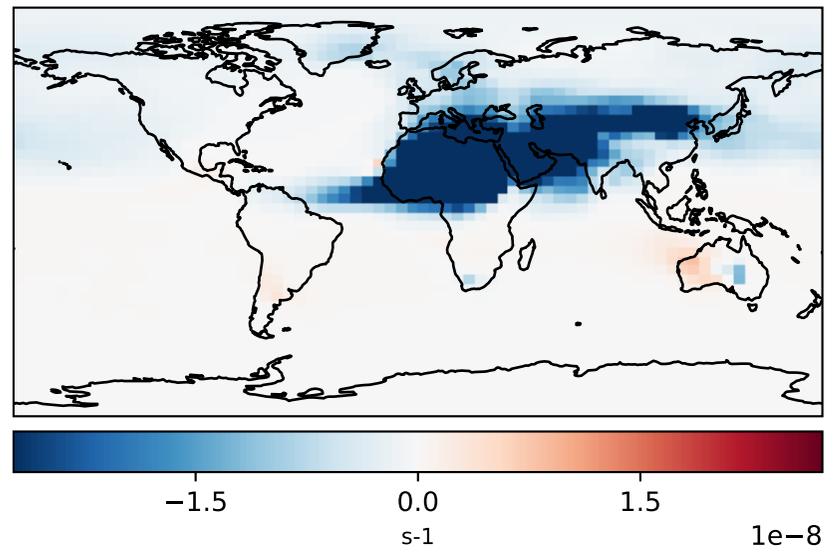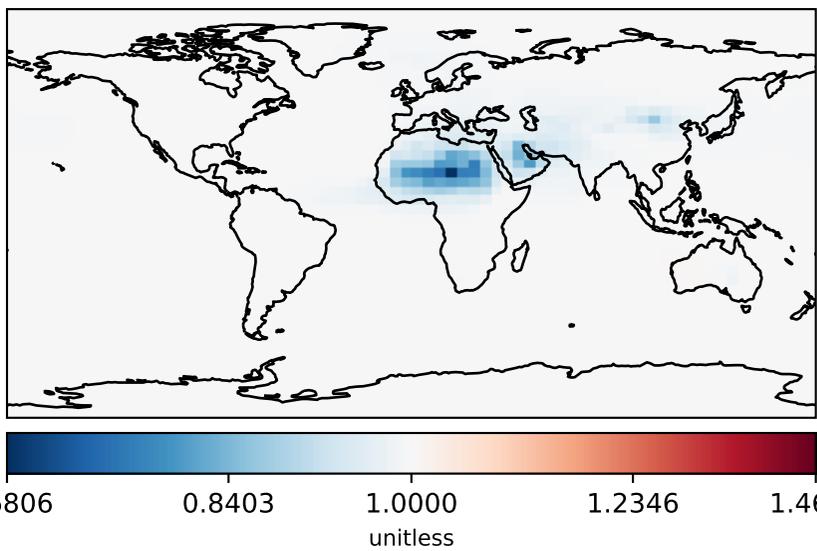Dev - Ref, Restricted Range [5%,95%]
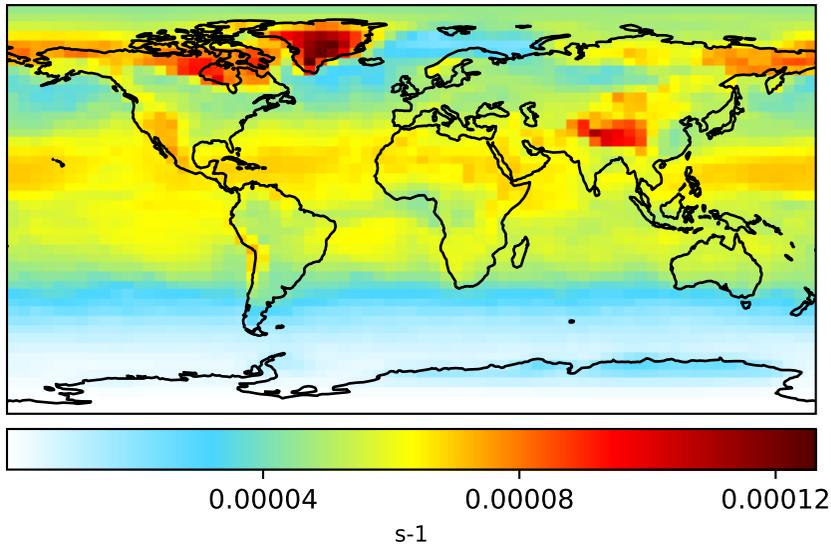
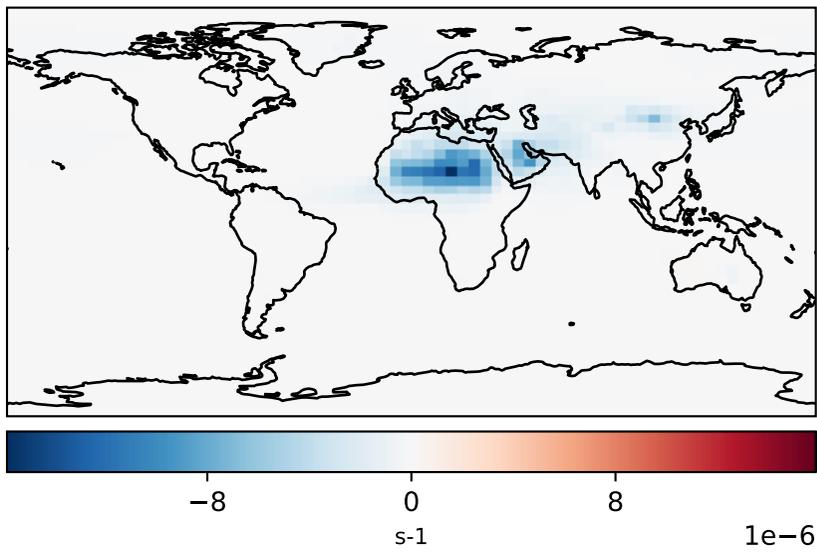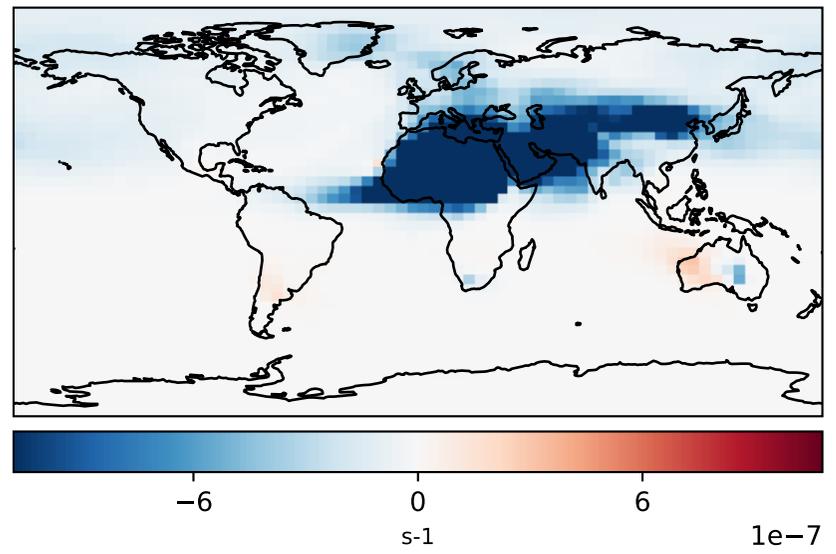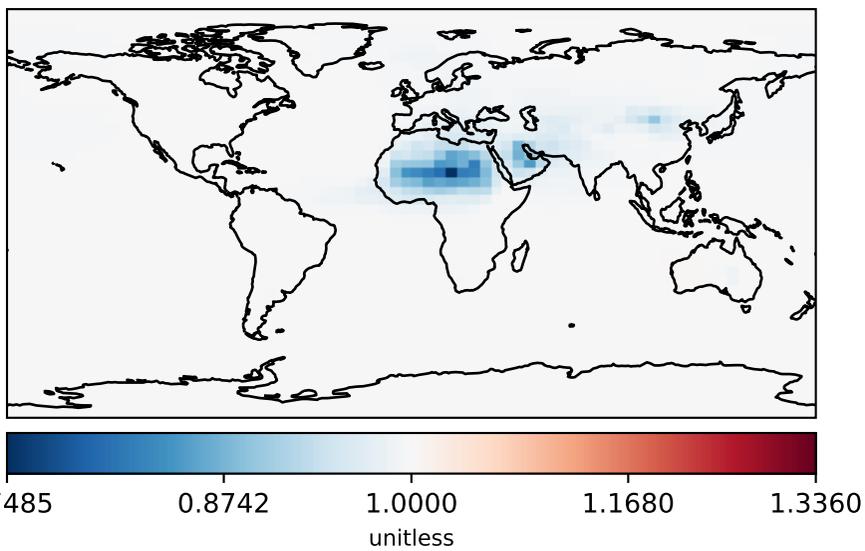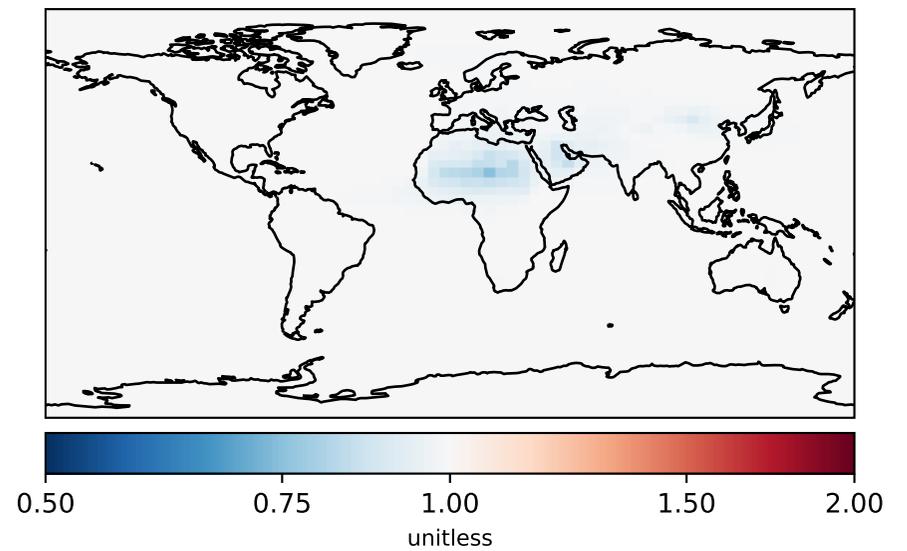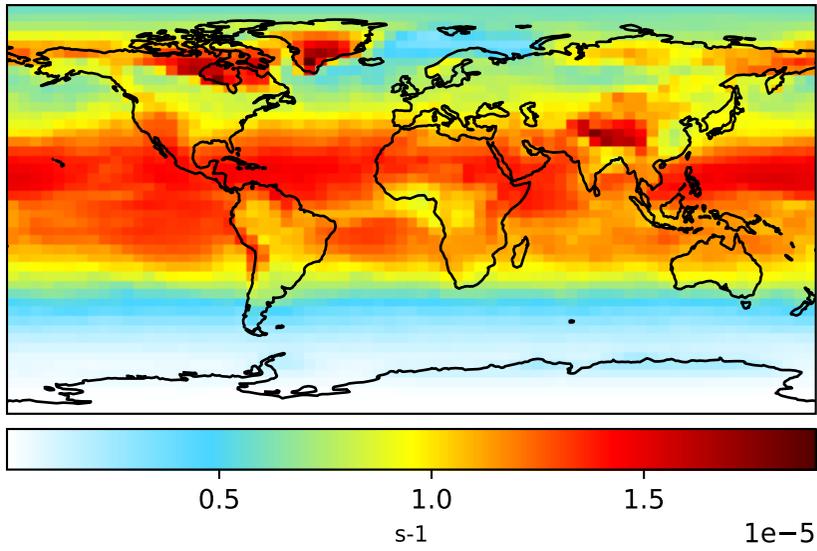Ratio
Dev/Ref, Dynamic Range

Ratio
Dev/Ref, Fixed Range

Jval_MVK (Apr2019)

Jval_MVKHC (Apr2019)

Jval_MVKHCB (Apr2019)
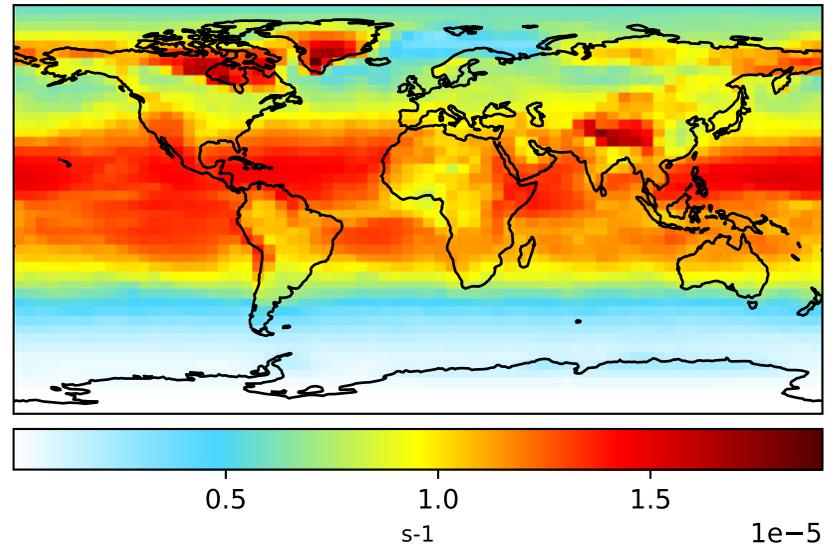
Jval_MVKHP (Apr2019)
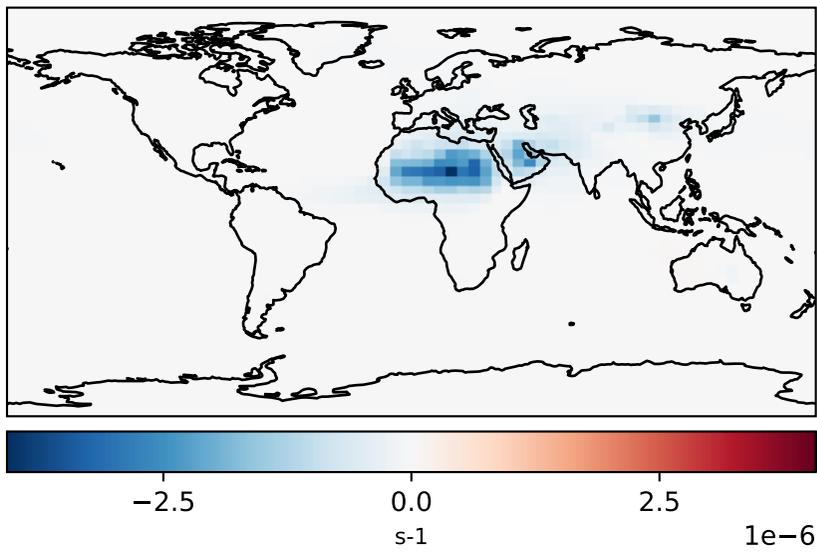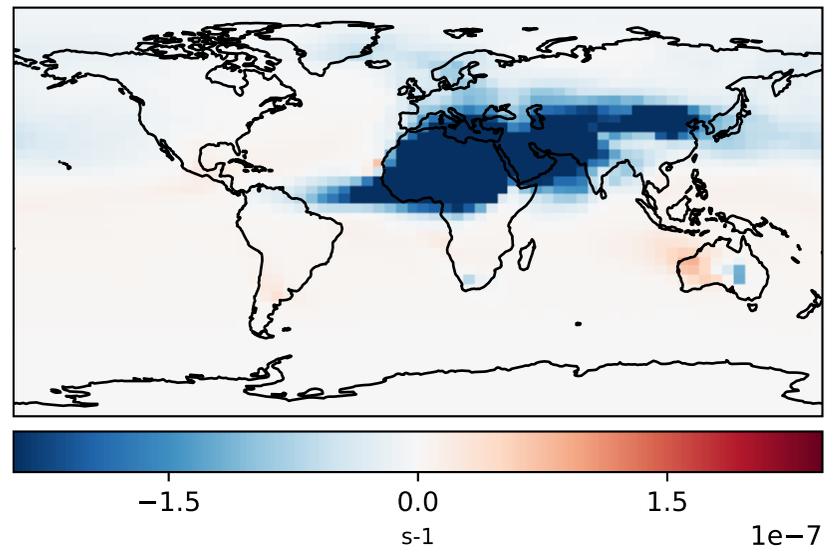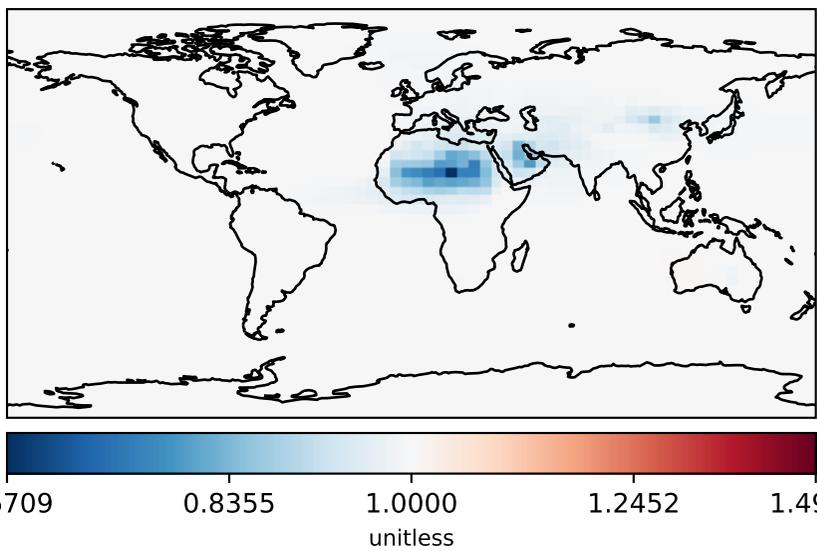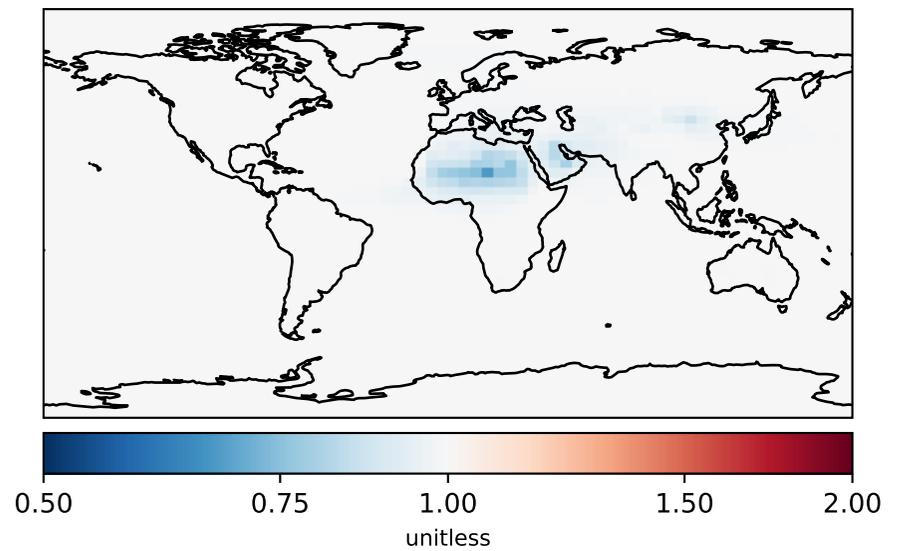
Jval_MVKN (Apr2019)

Jval_MVKPC (Apr2019)

gcc.14.5.0-rc.0 (Ref)
4.0x5.0

gcc.14.7.0-rc.0 (Dev)
4.0x5.0

Difference
Dev - Ref, Dynamic Range

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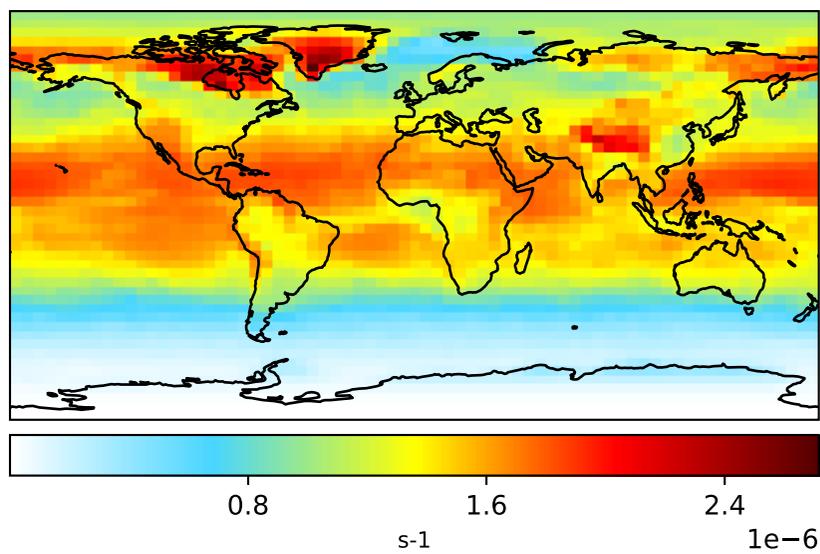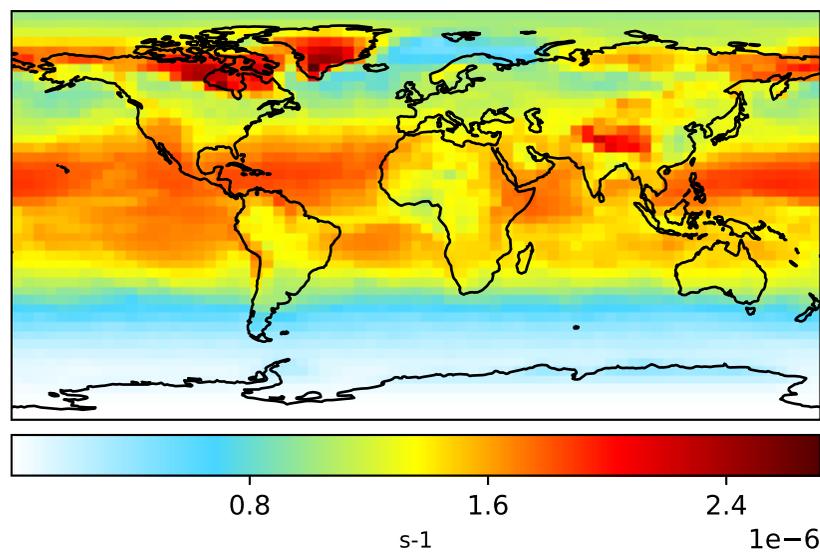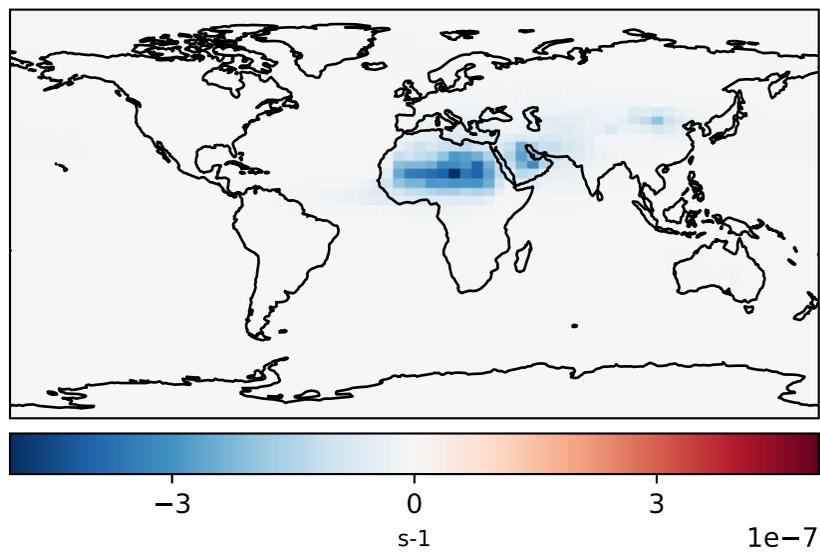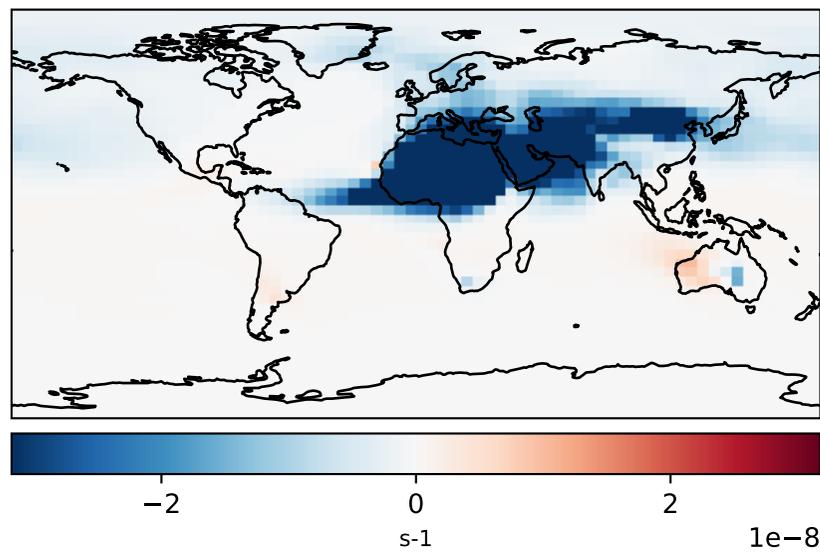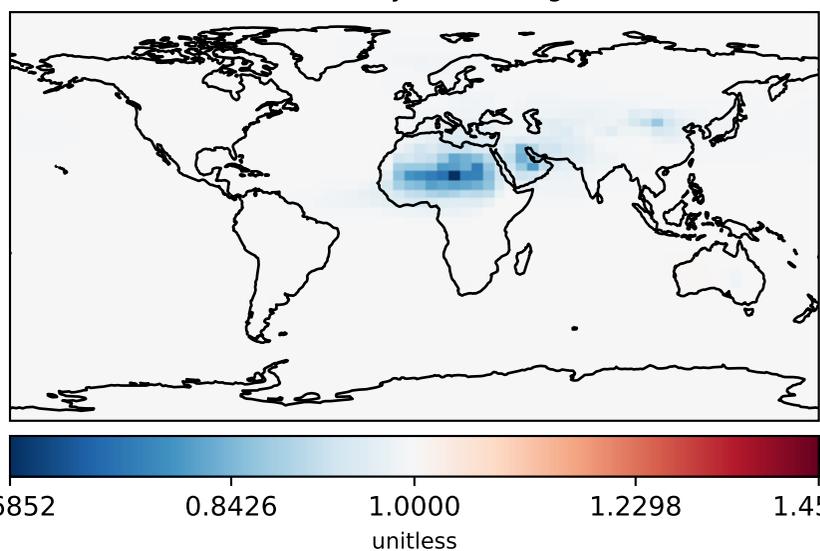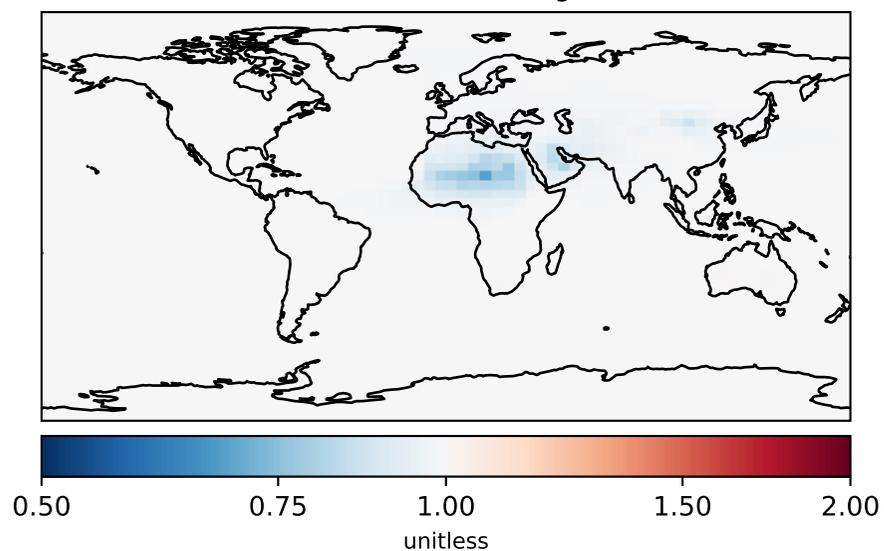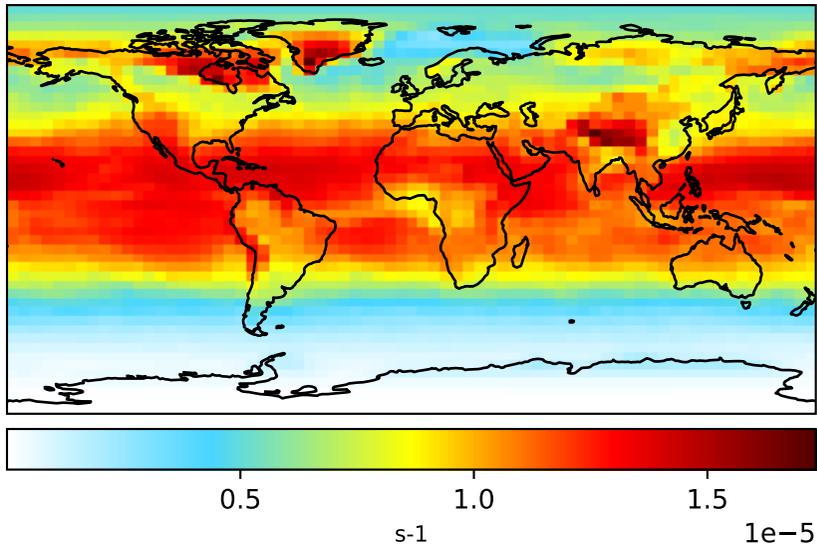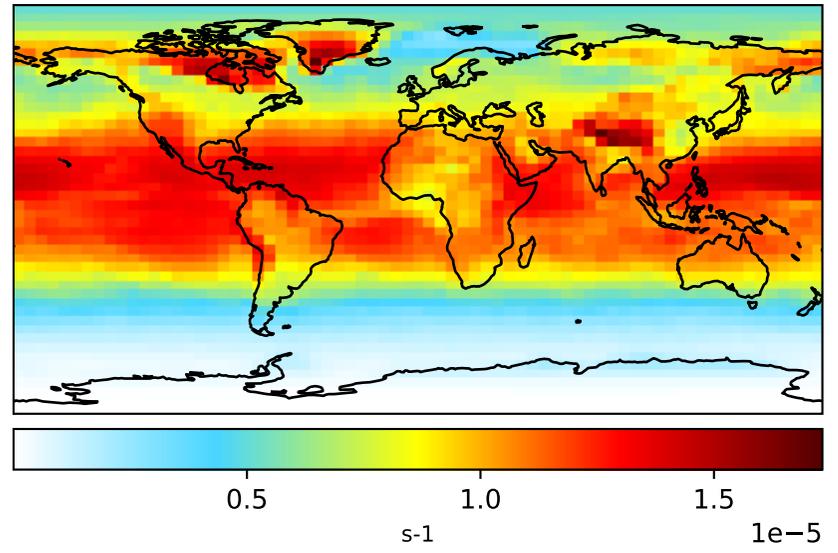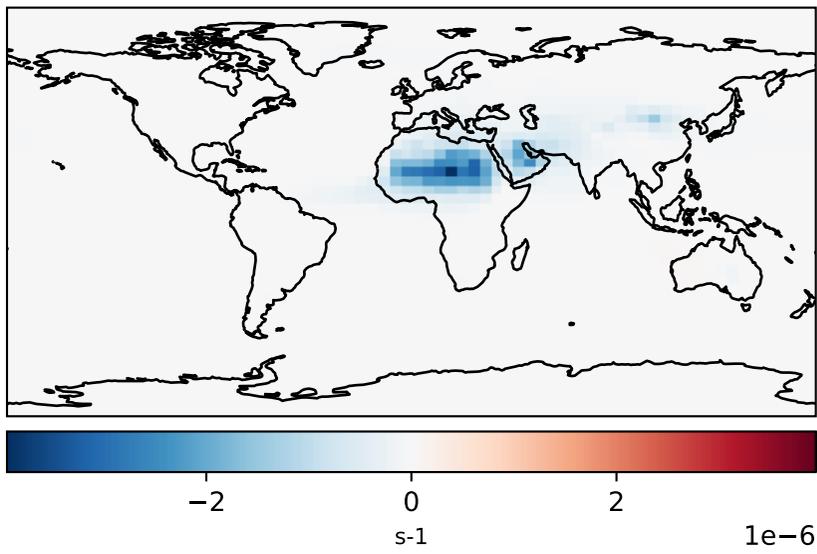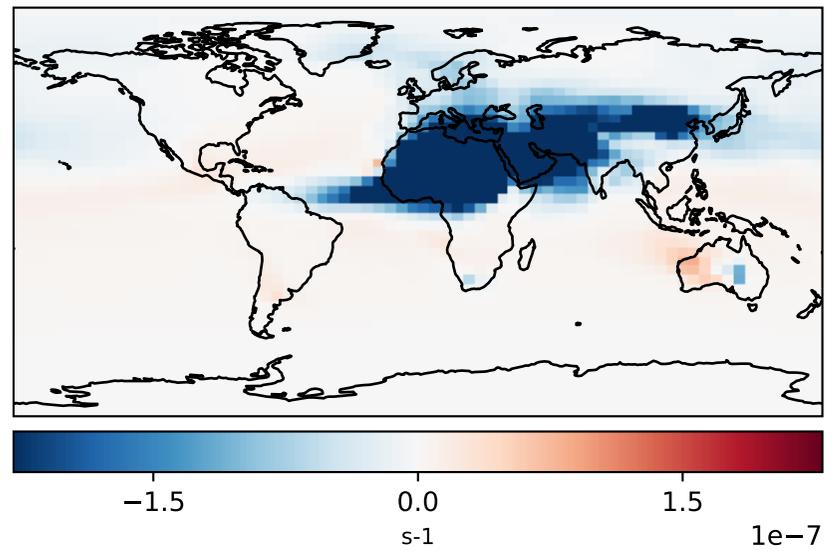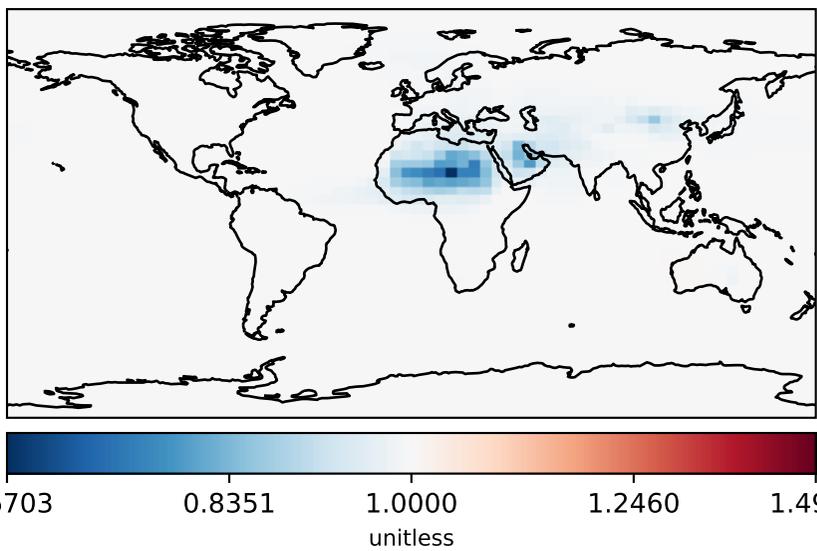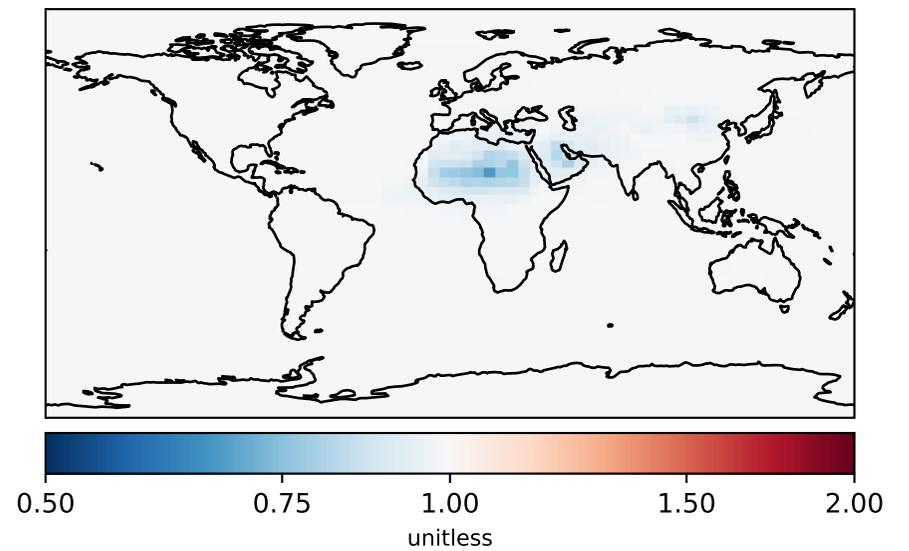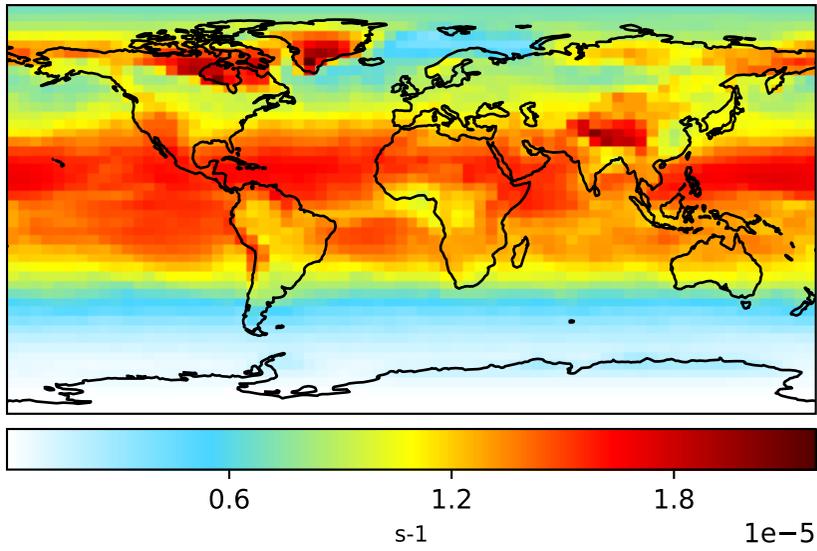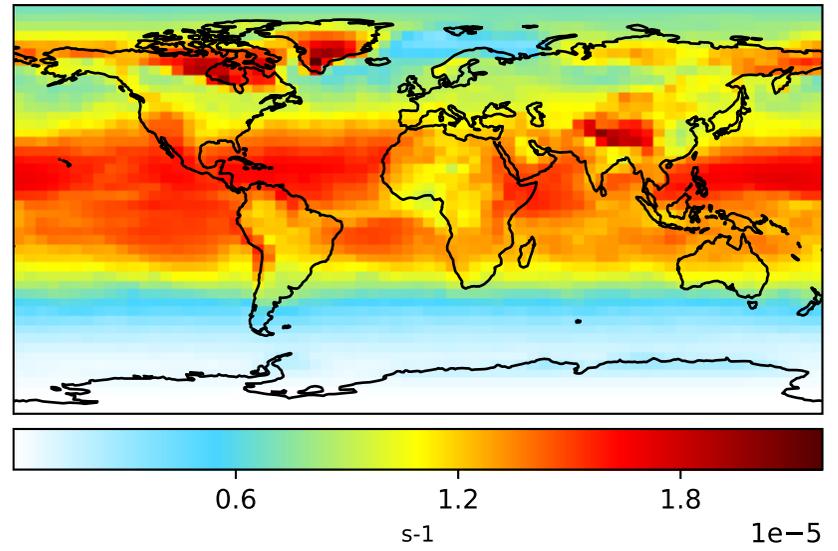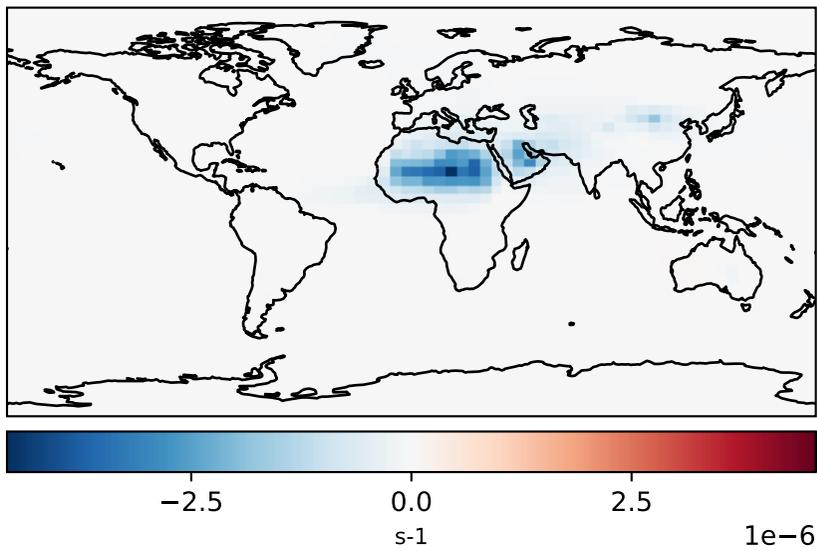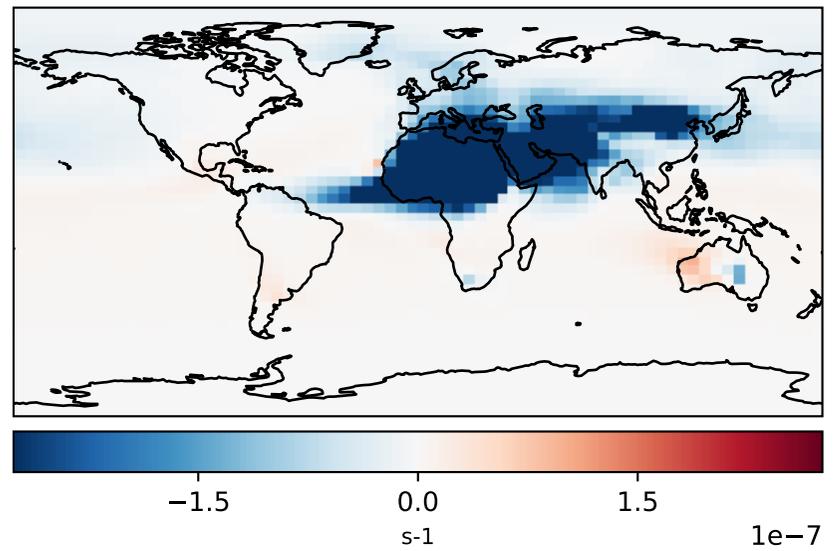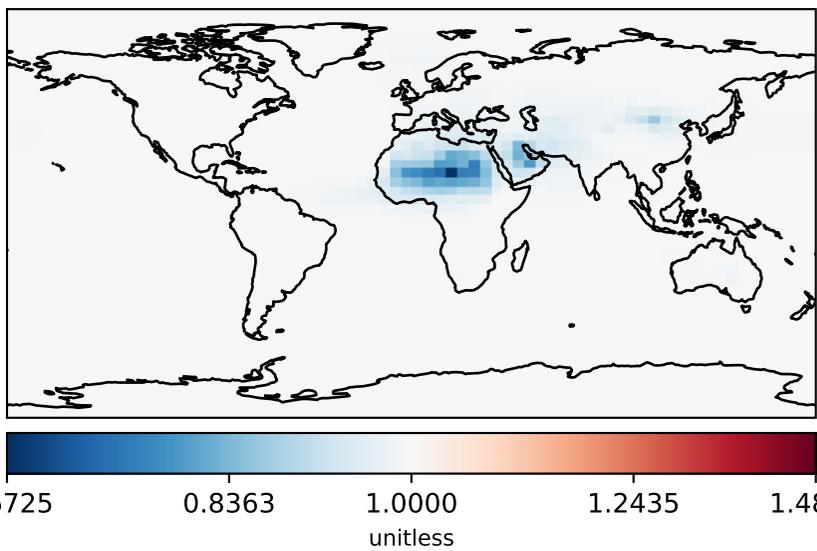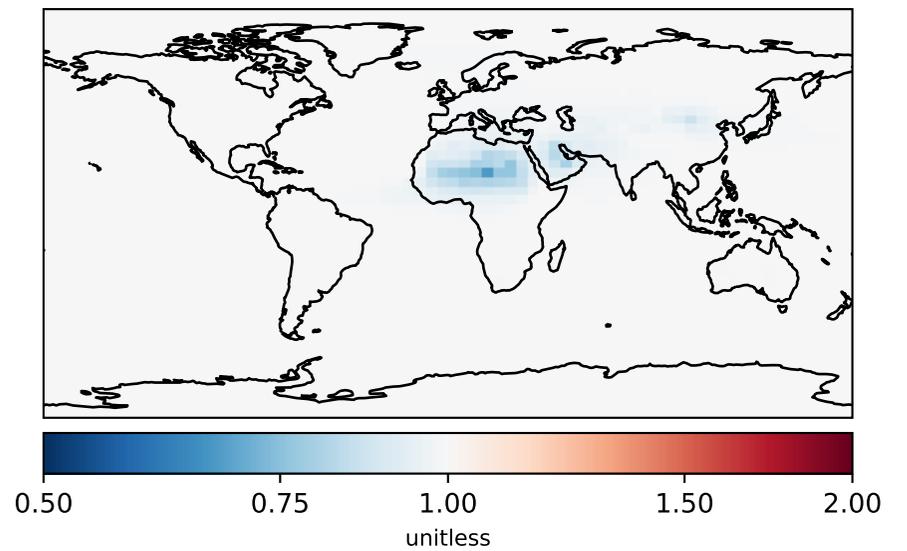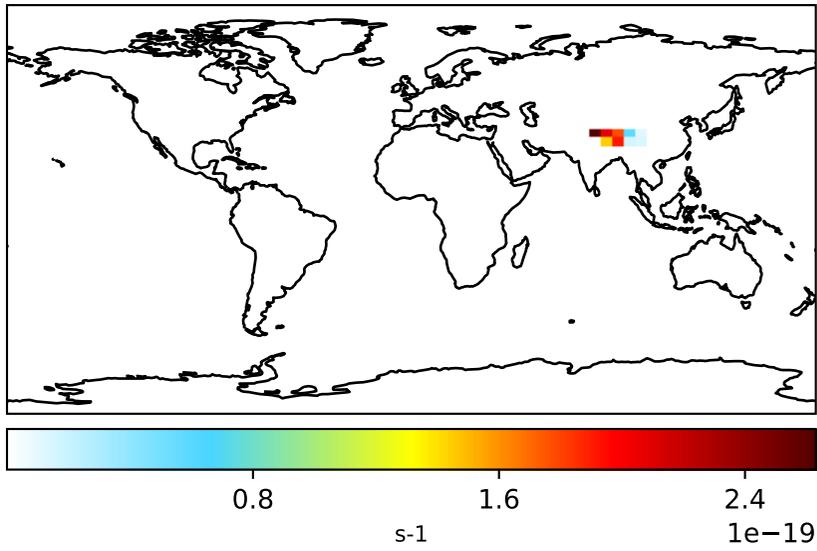Dev - Ref, Restricted Range [5%,95%]

Ratio
Dev/Ref, Dynamic Range
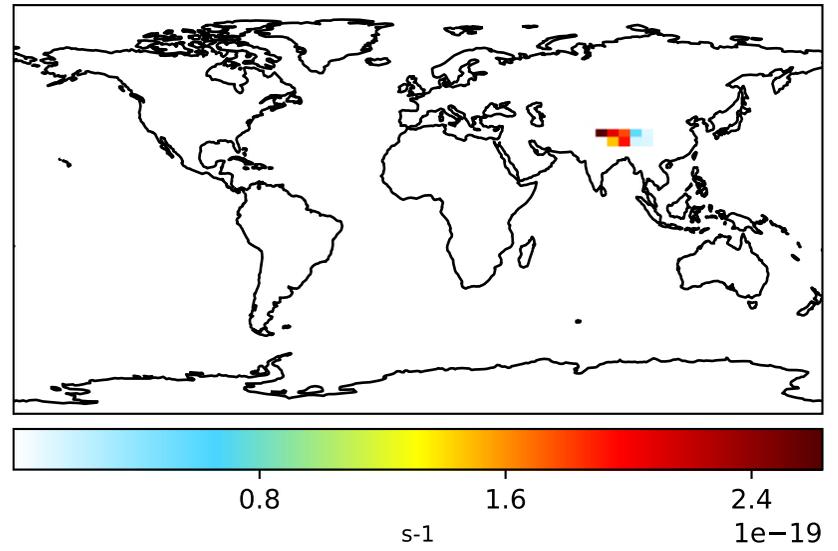
Ratio
Dev/Ref, Fixed Range
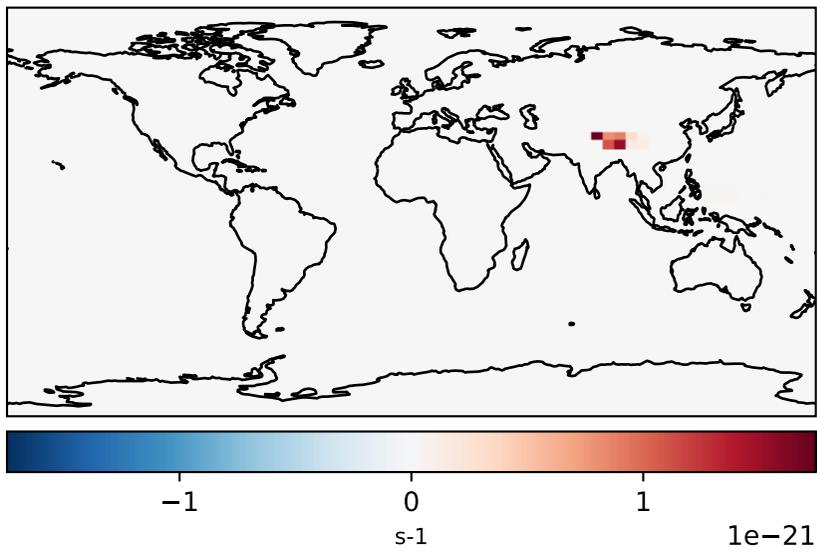
Jval_N2O (Apr2019)

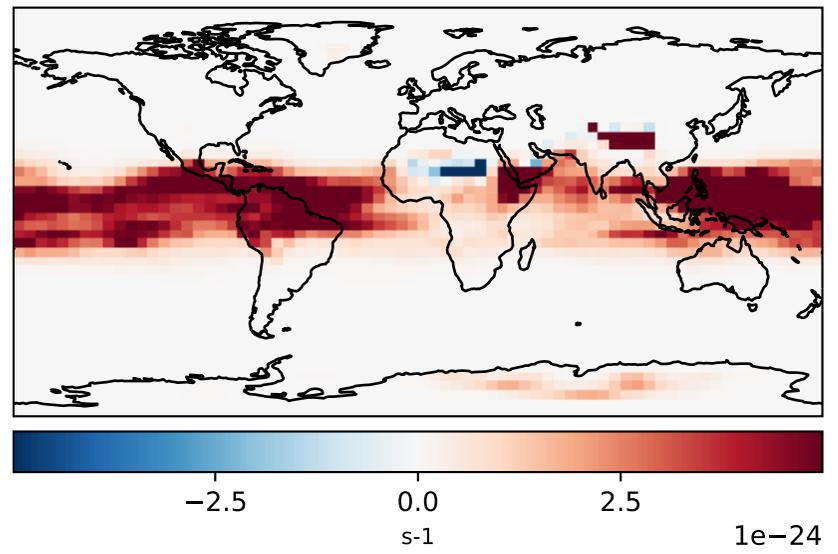# Jval_N2O5 (Apr2019)

gcc.14.5.0-rc.0 (Ref)
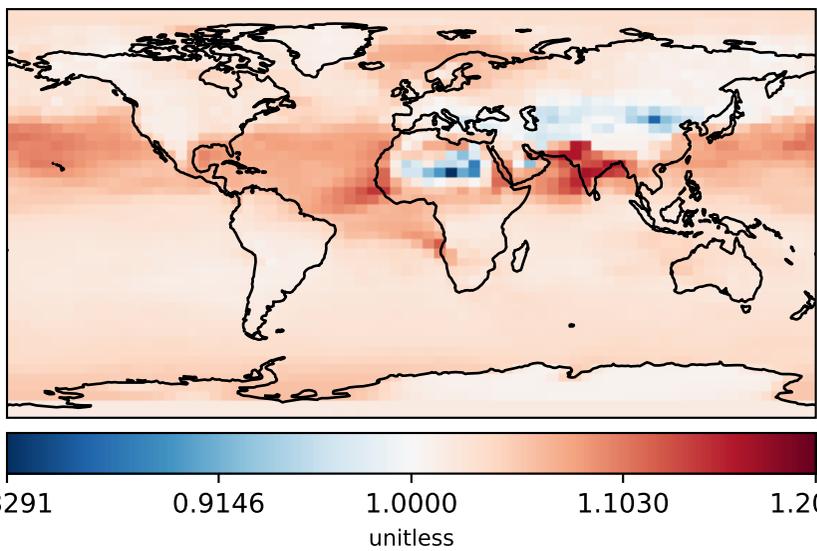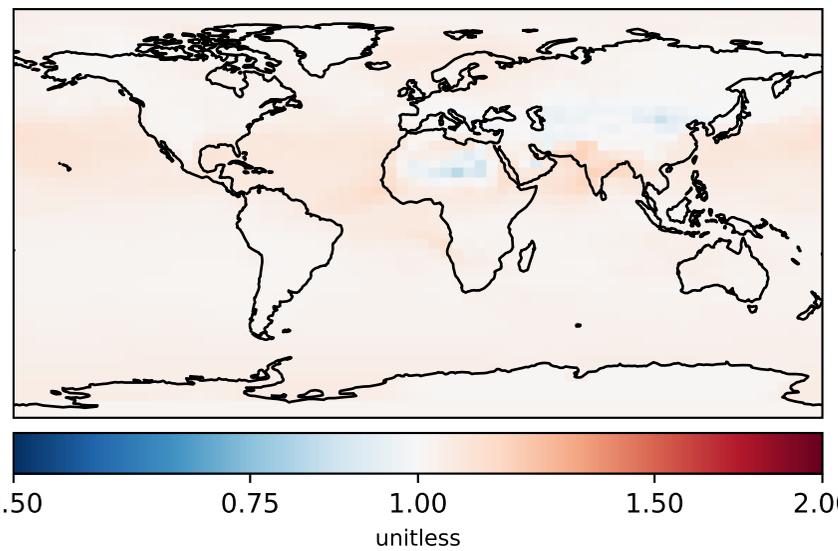4.0x5.0

gcc.14.7.0-rc.0 (Dev)
4.0x5.0

Difference
Dev - Ref, Dynamic Range

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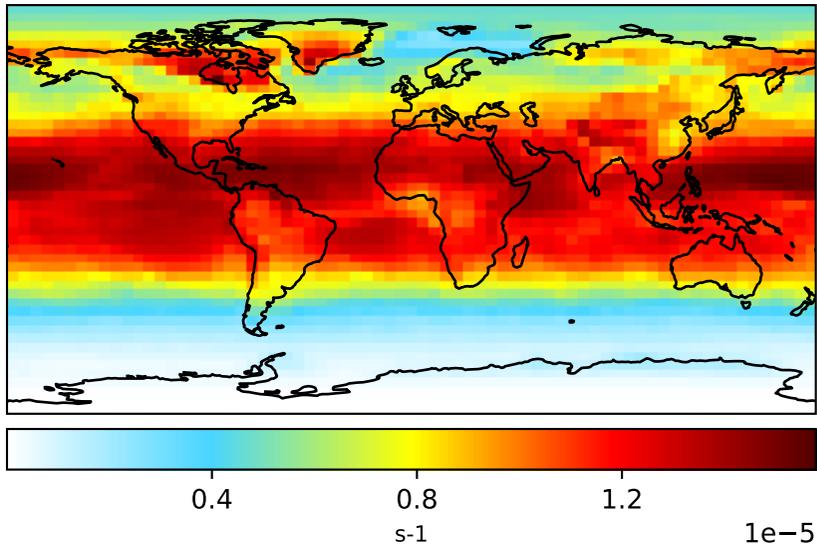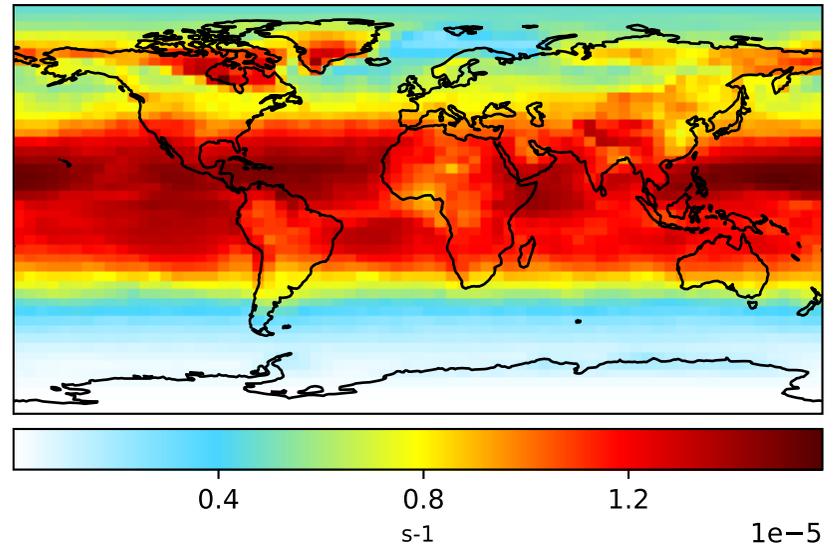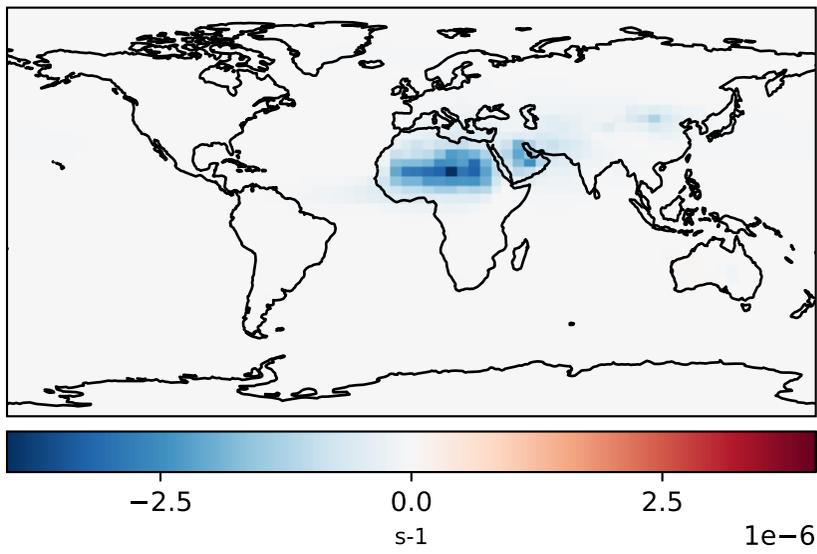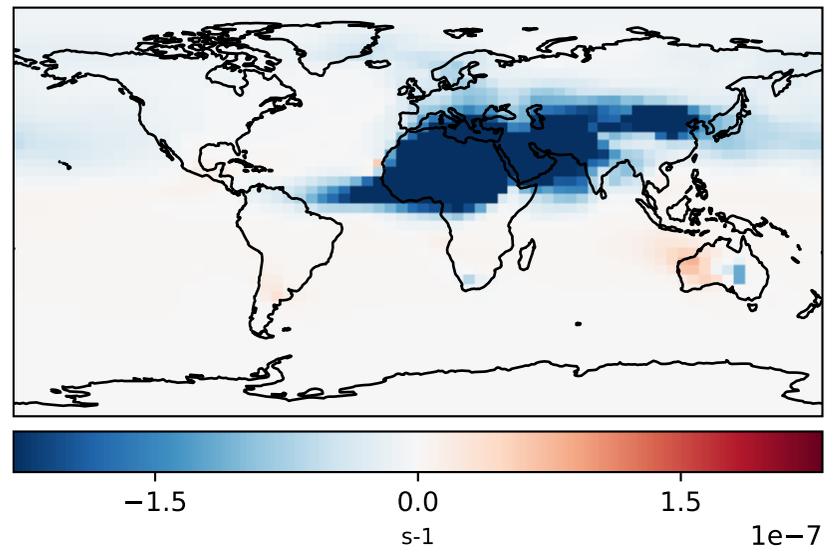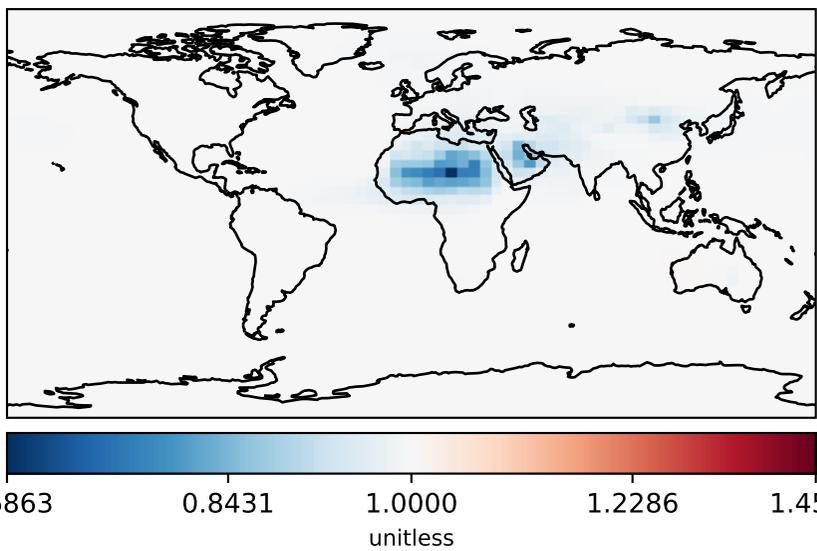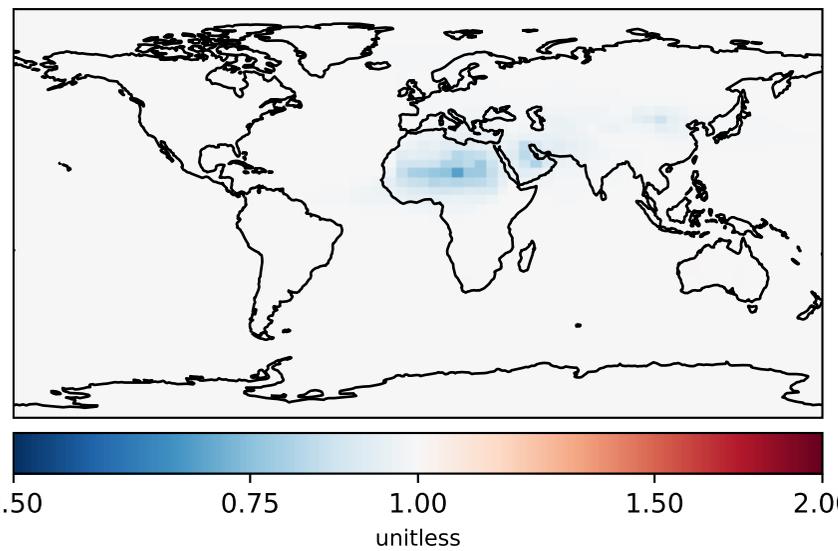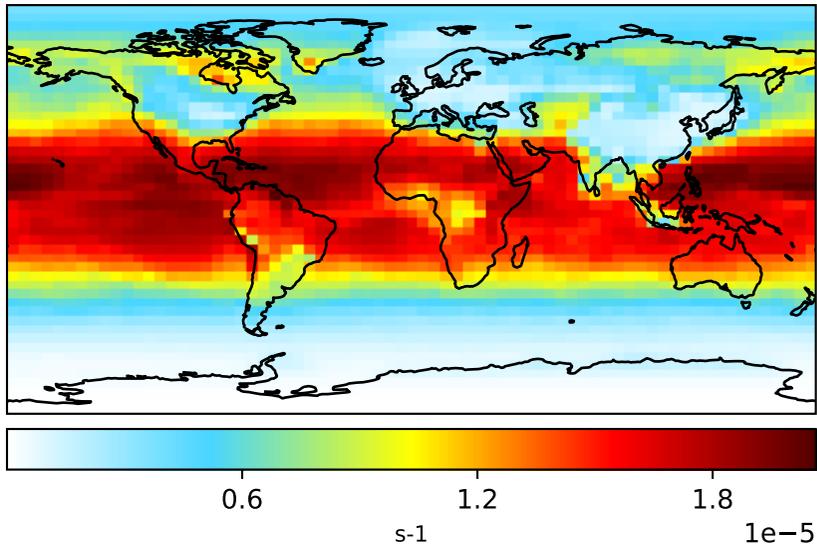Dev - Ref, Restricted Range [5%,95%]
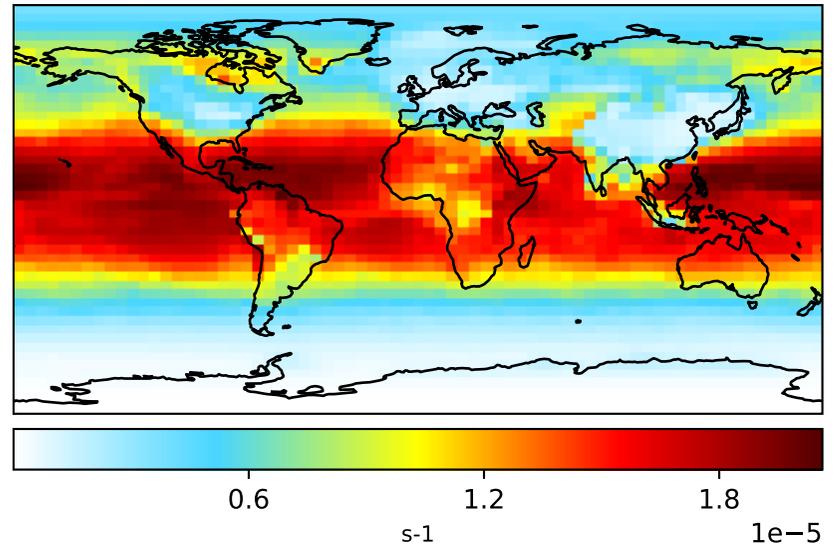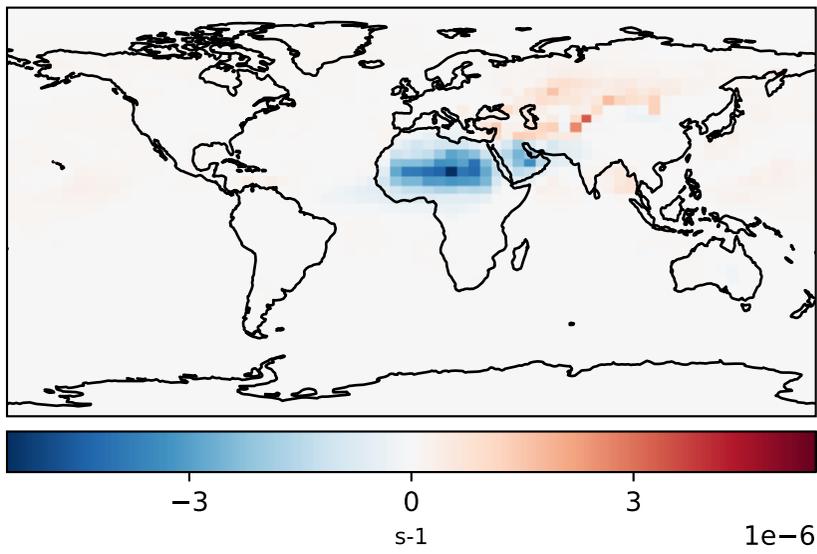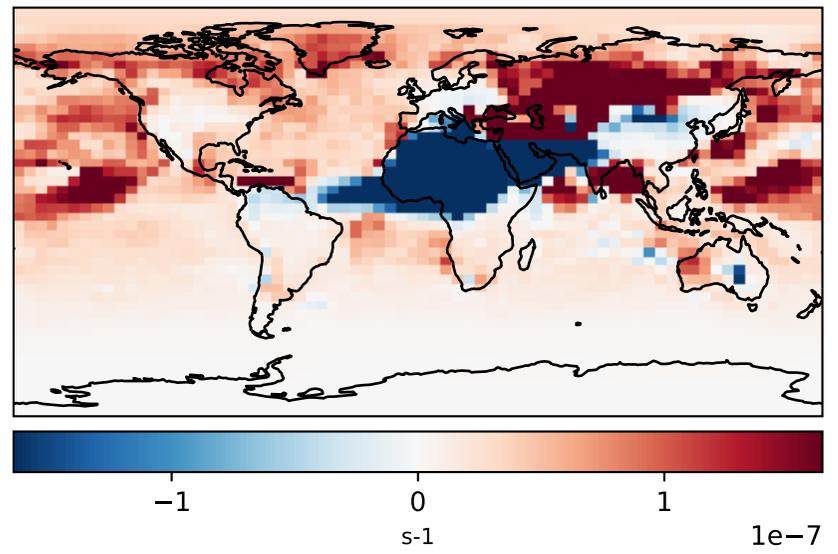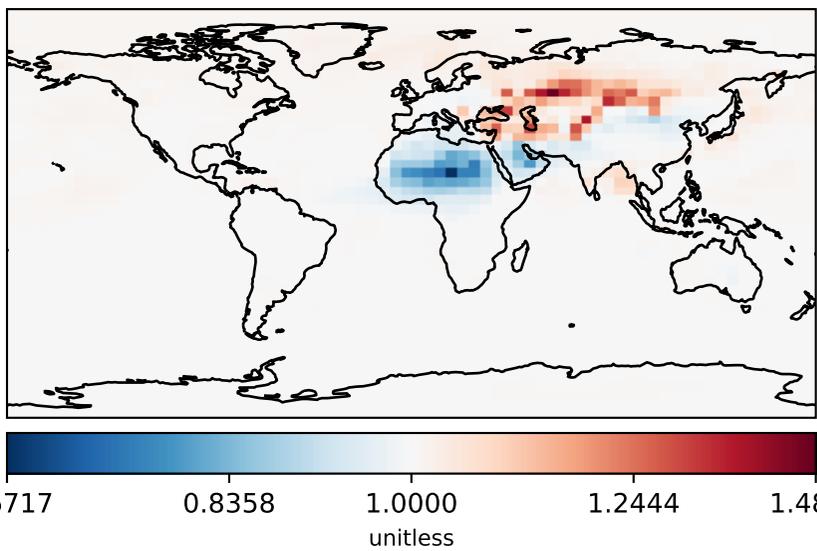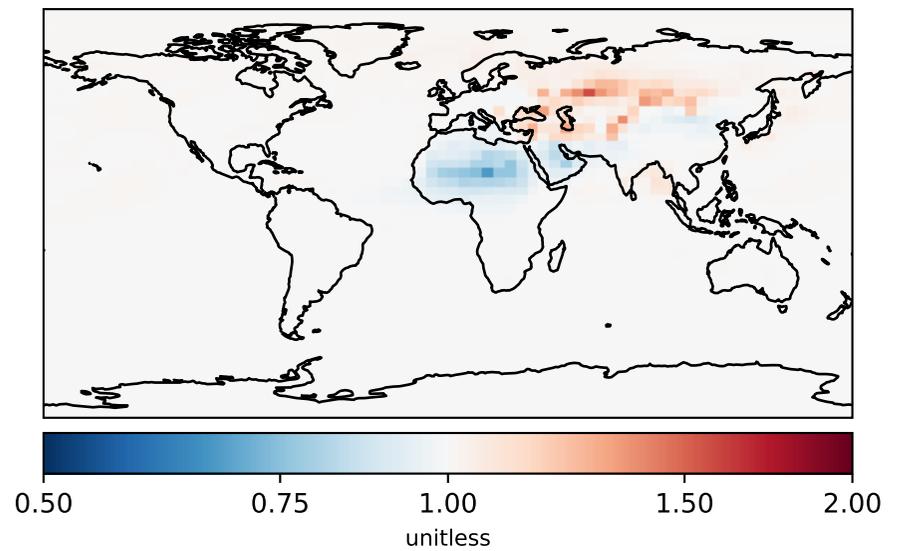
Ratio
Dev/Ref, Dynamic Range

Ratio
Dev/Ref, Fixed Range

Jval_NIT (Apr2019)

gcc.14.5.0-rc.0 (Ref)
4.0x5.0

gcc.14.7.0-rc.0 (Dev)
4.0x5.0

Difference
Dev - Ref, Dynamic Range

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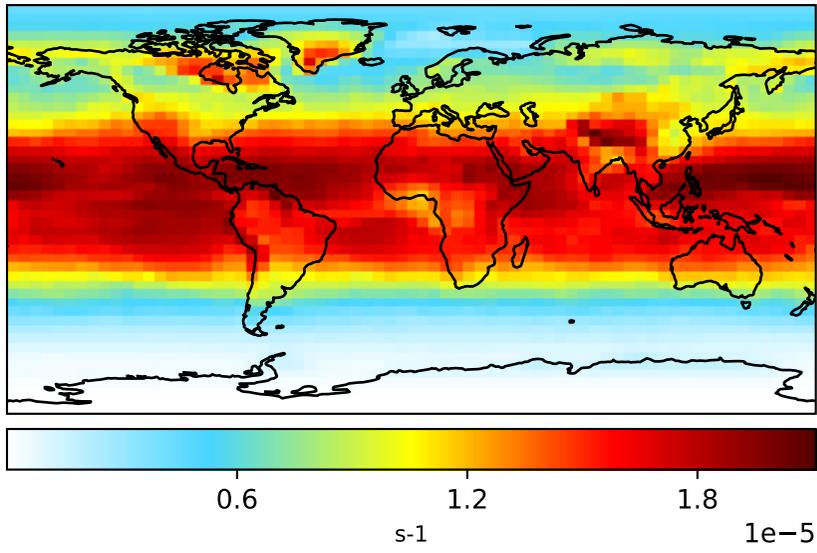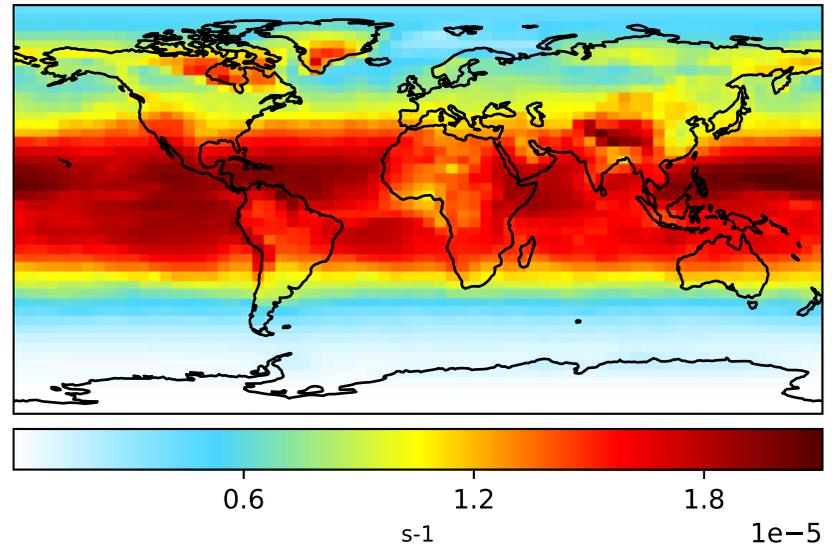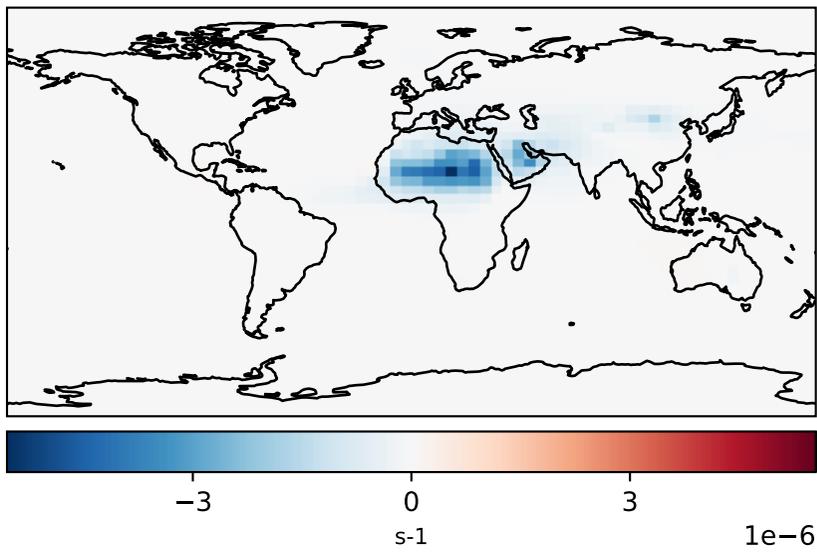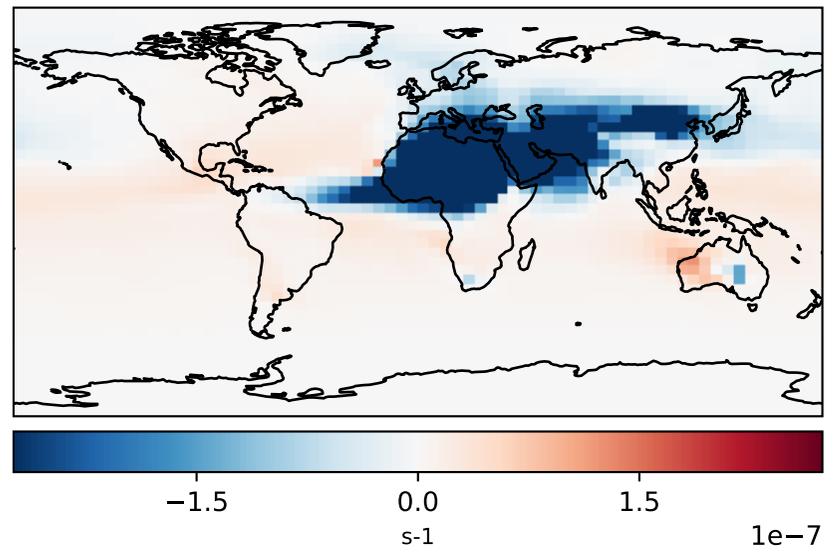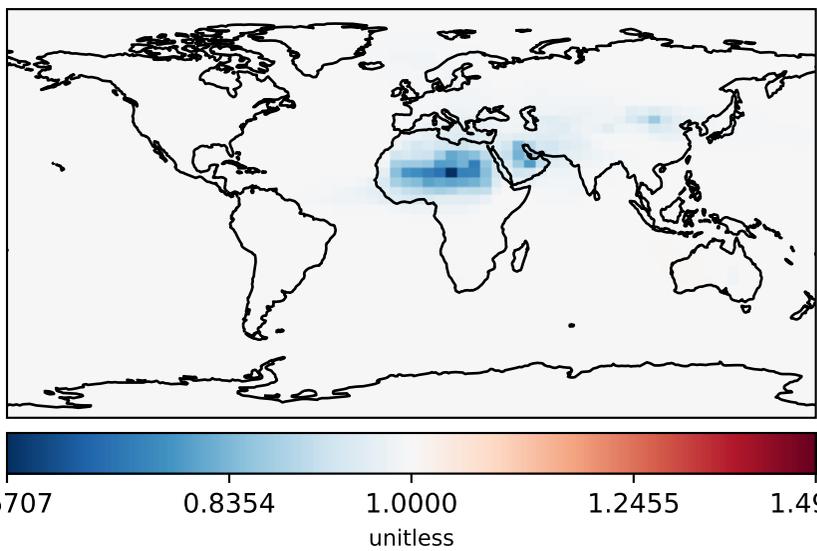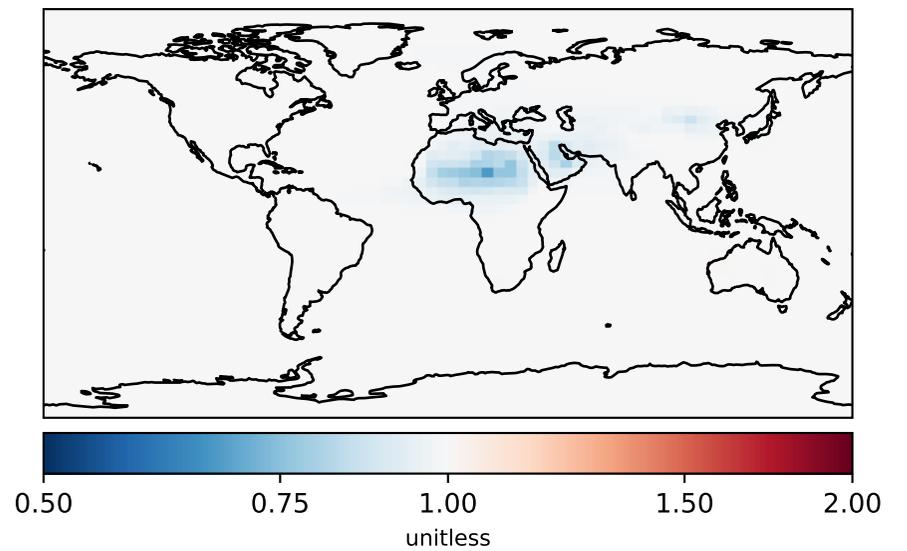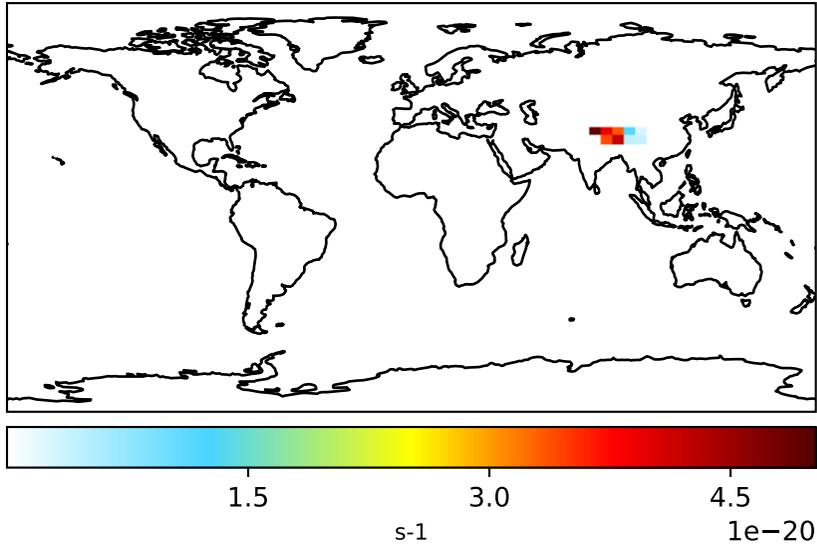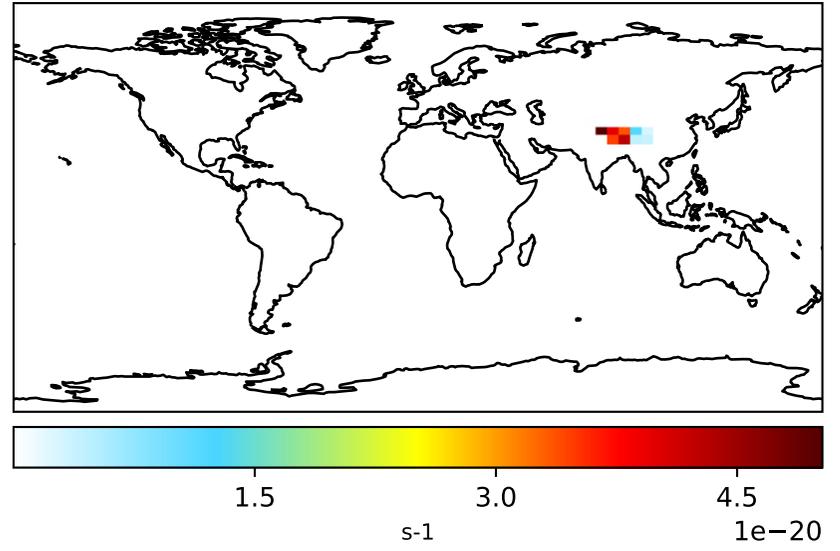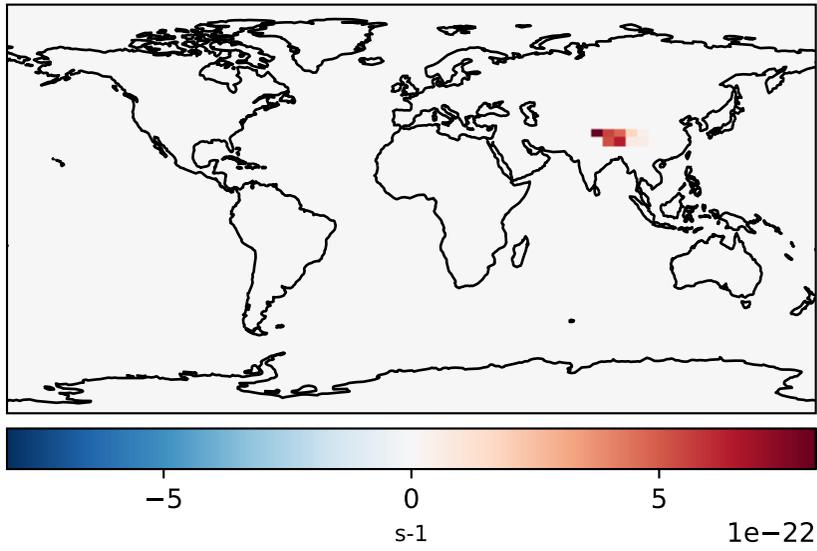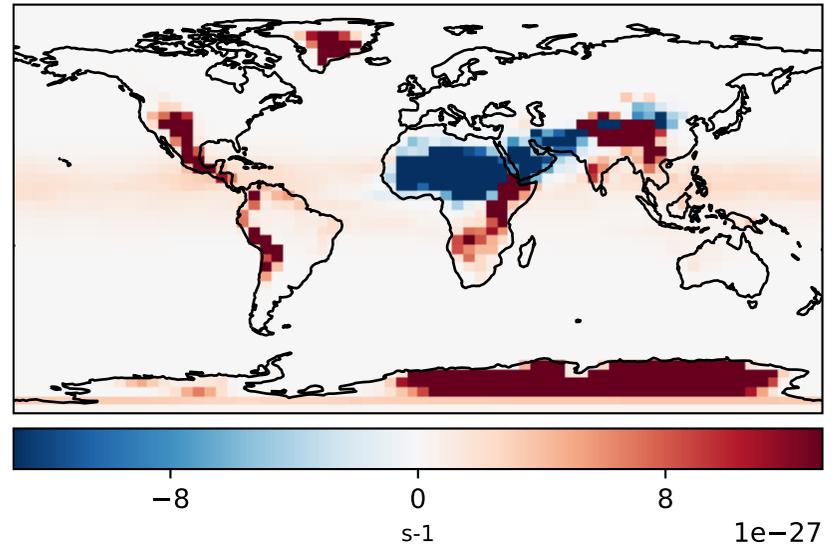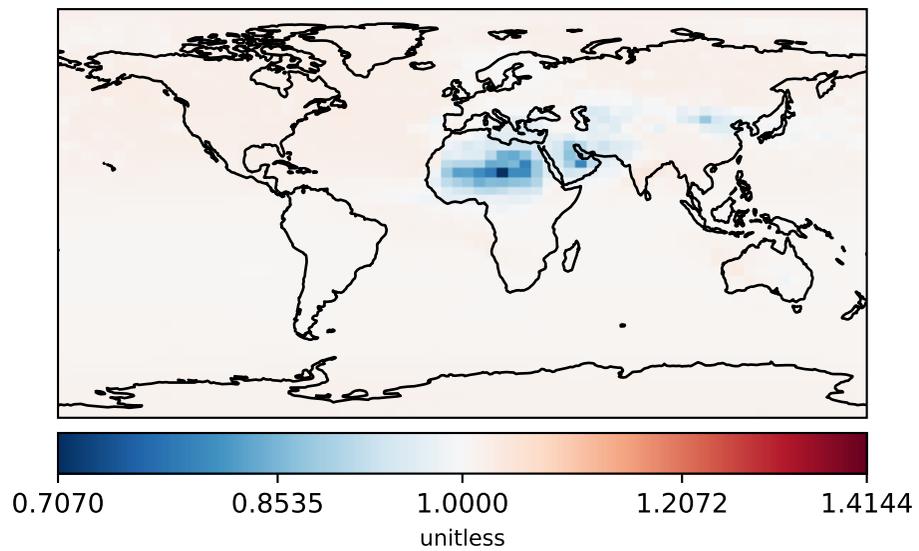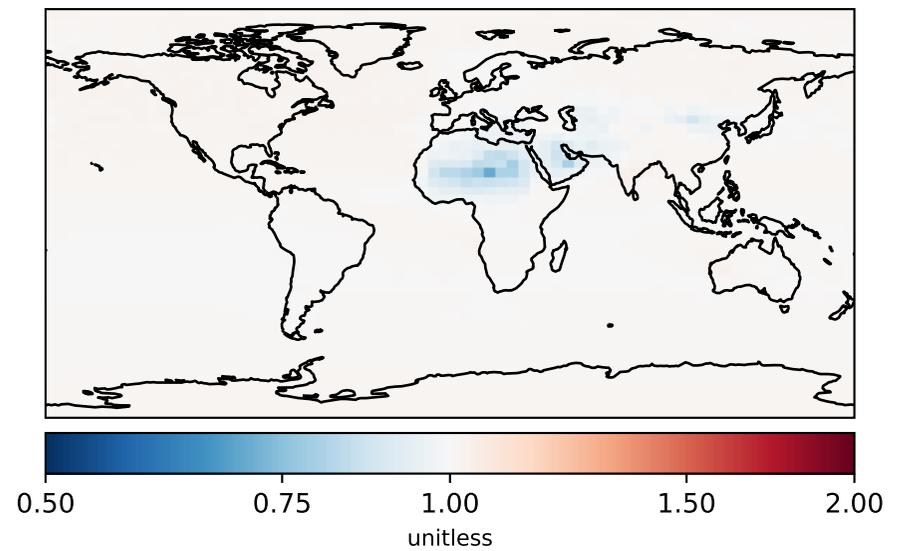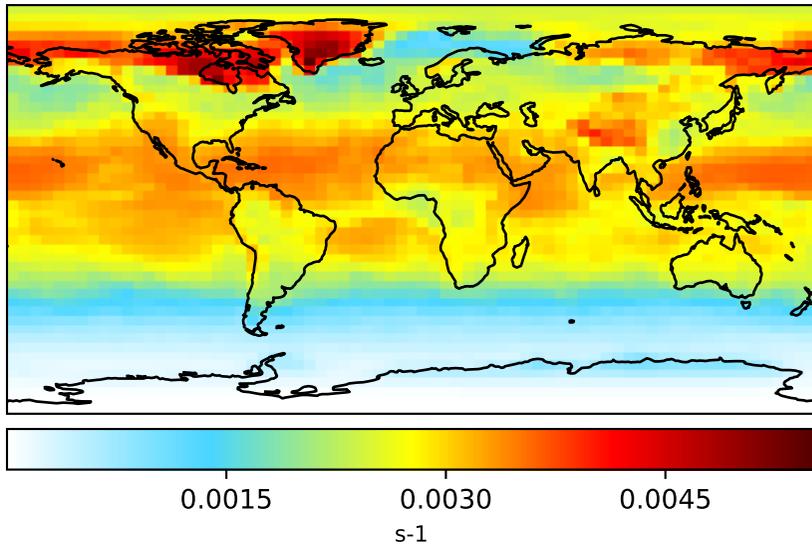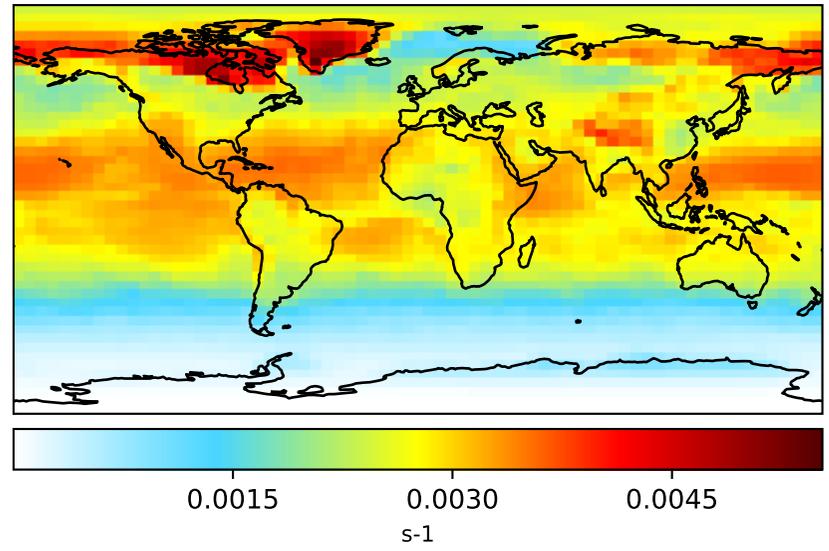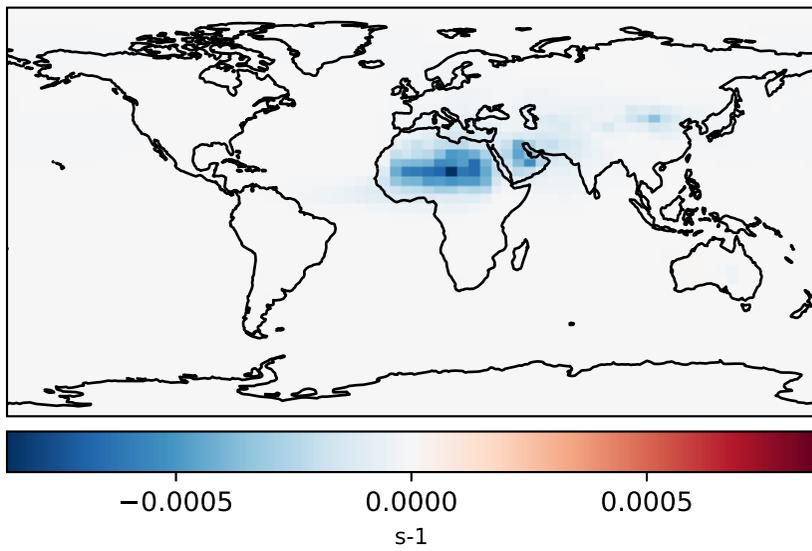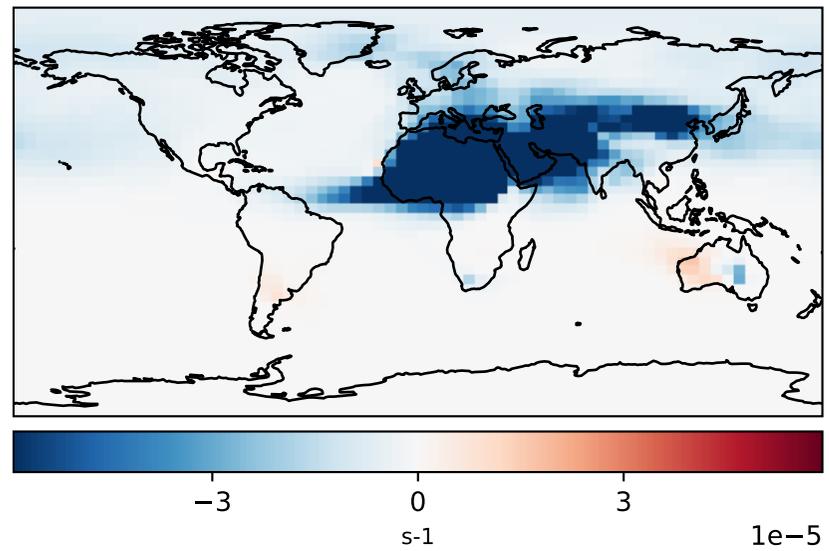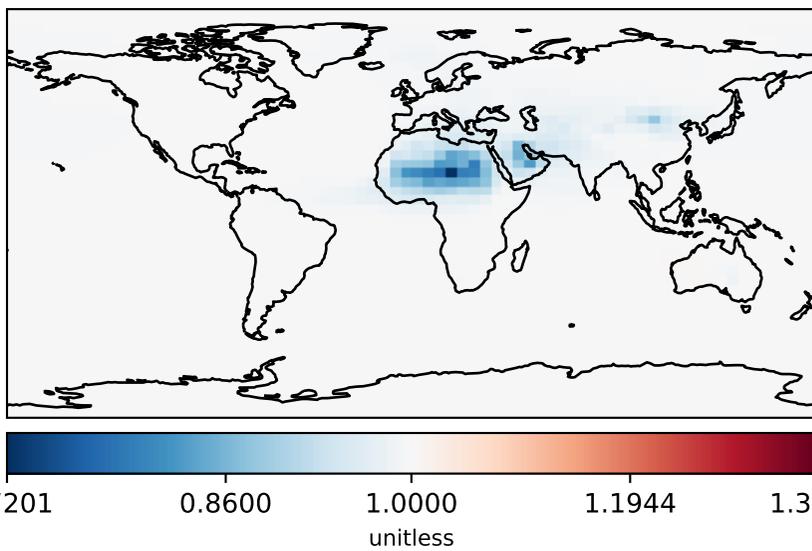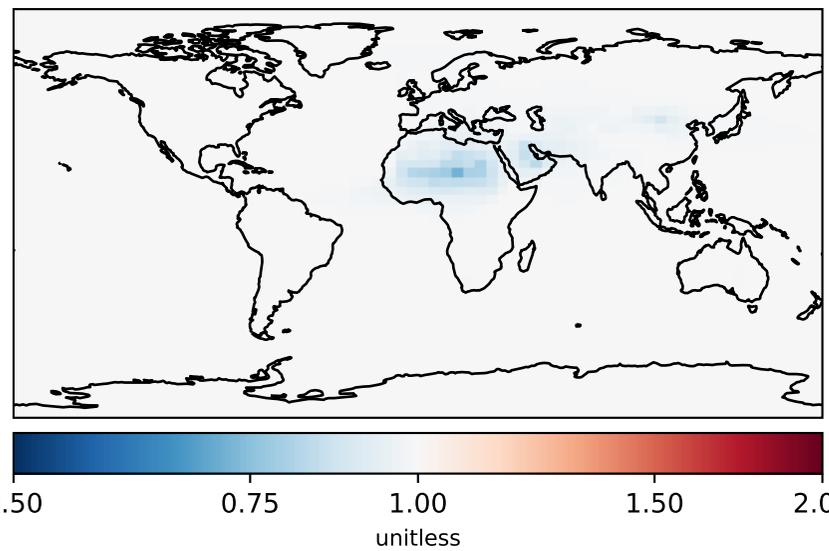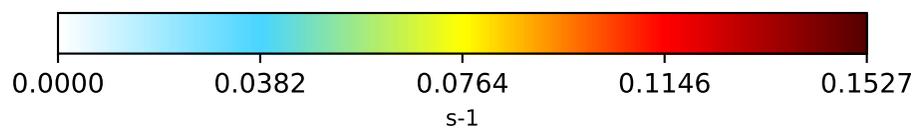Dev - Ref, Restricted Range [5%,95%]

Ratio
Dev/Ref, Dynamic Range

Ratio
Dev/Ref, Fixed Range

Jval_NITs (Apr2019)

gcc.14.5.0-rc.0 (Ref)
4.0x5.0

gcc.14.7.0-rc.0 (Dev)
4.0x5.0

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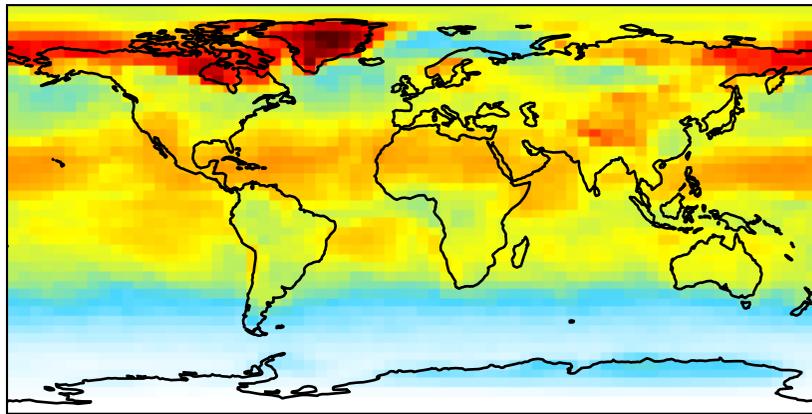
Difference
Dev - Ref, Restricted Range [5%,95%]

Ratio
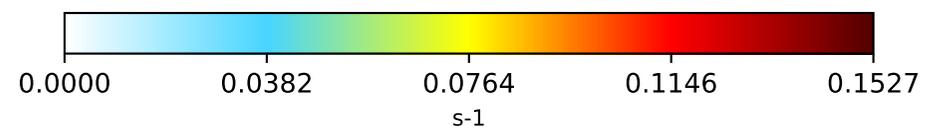Dev/Ref, Dynamic Range

Ratio
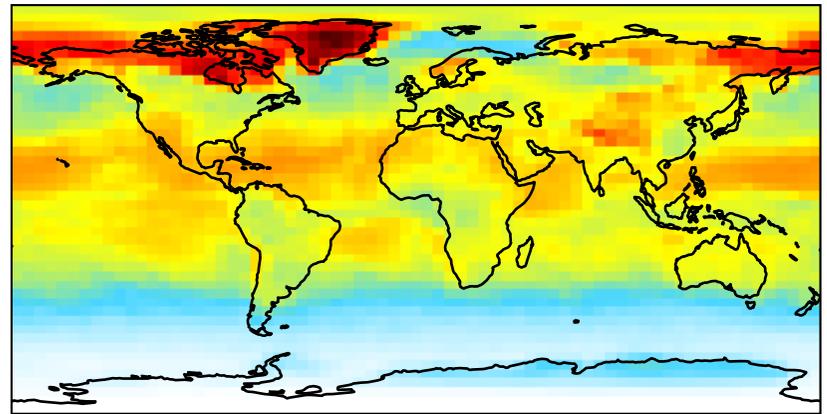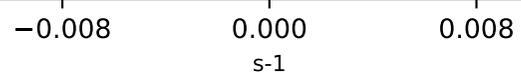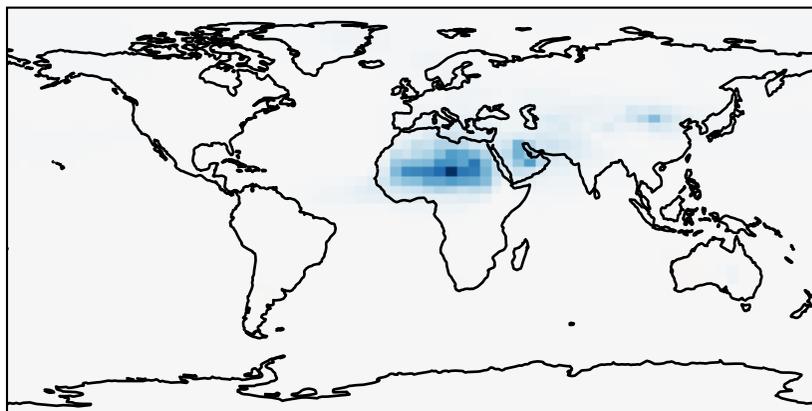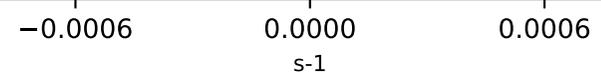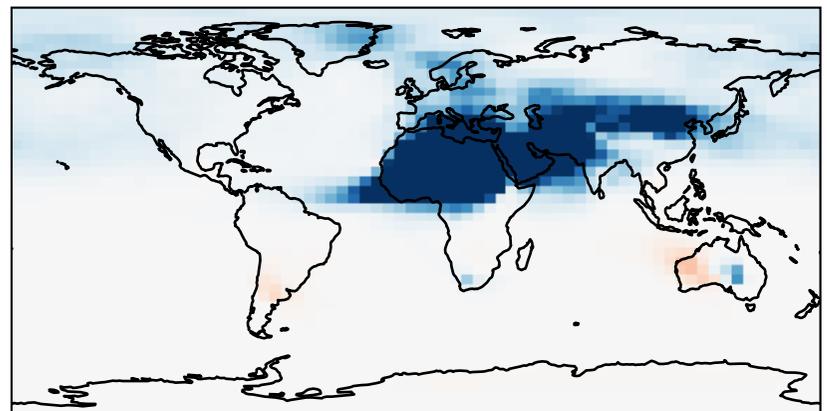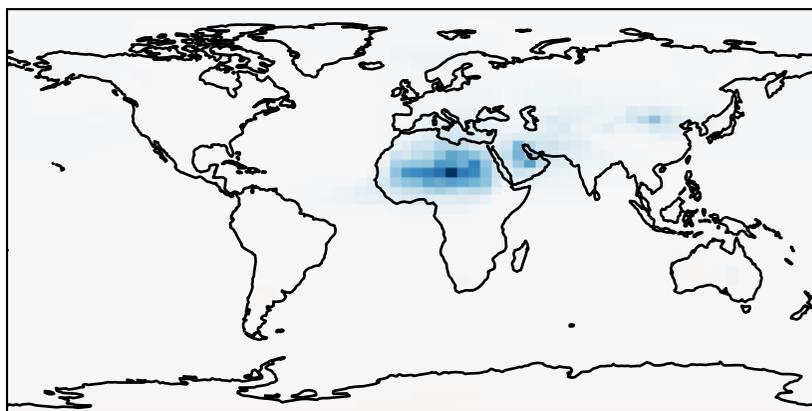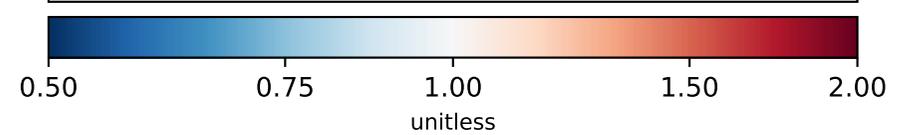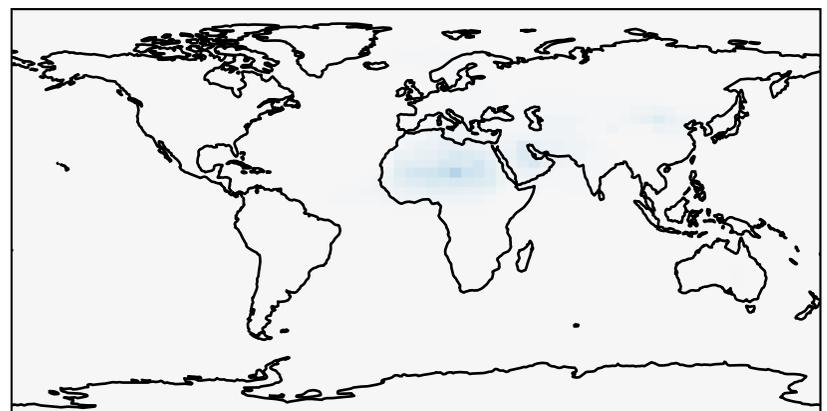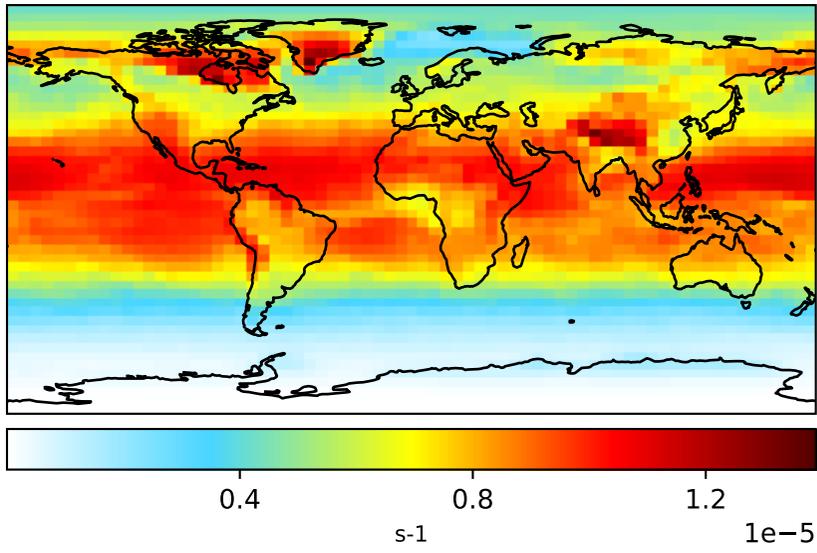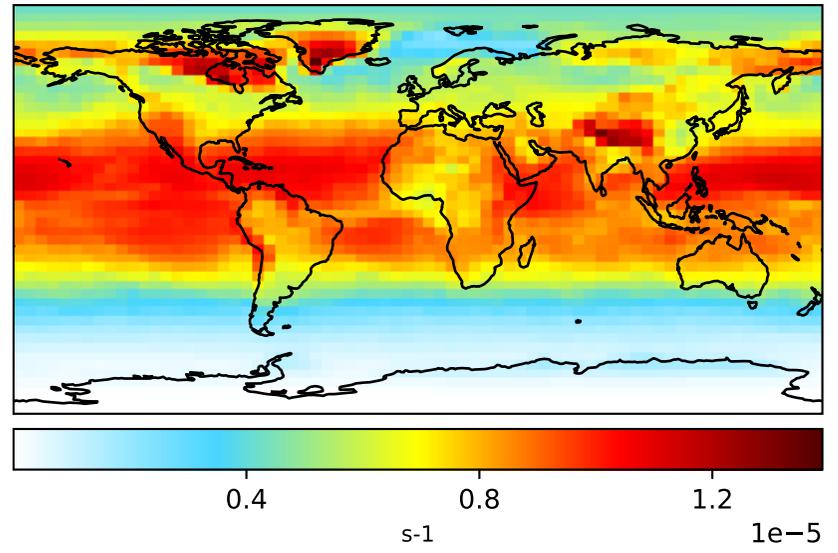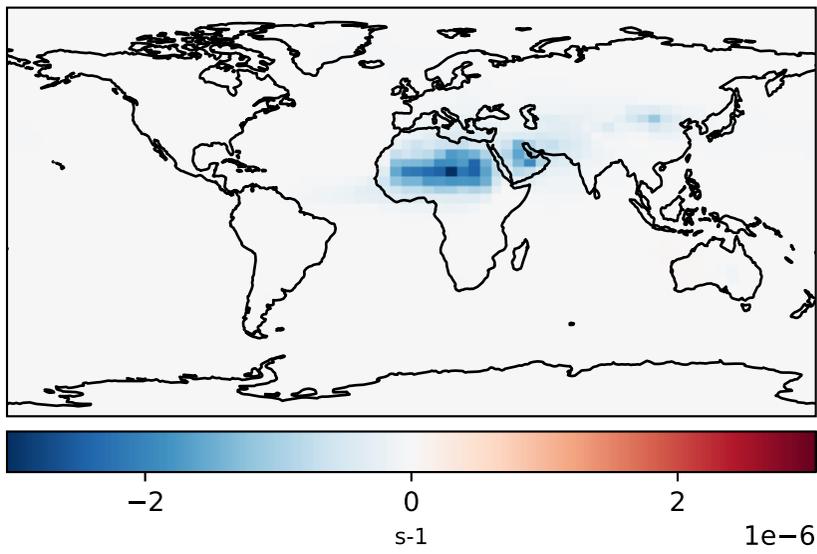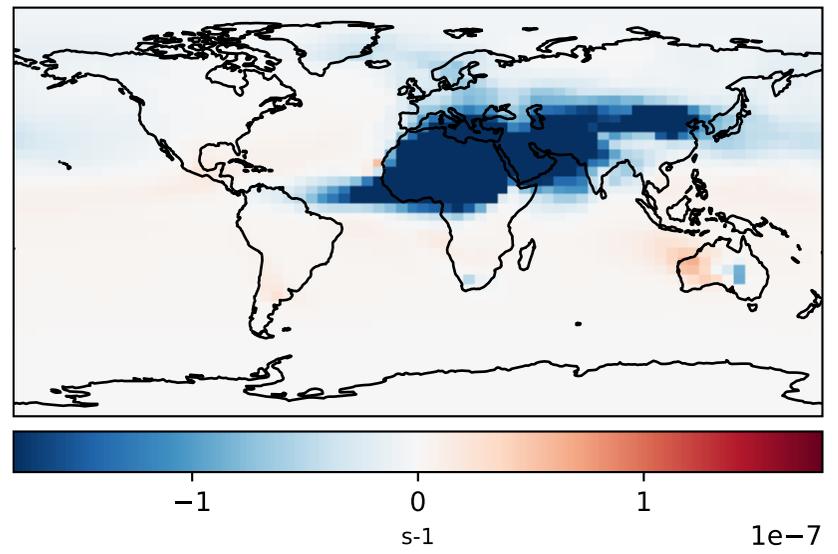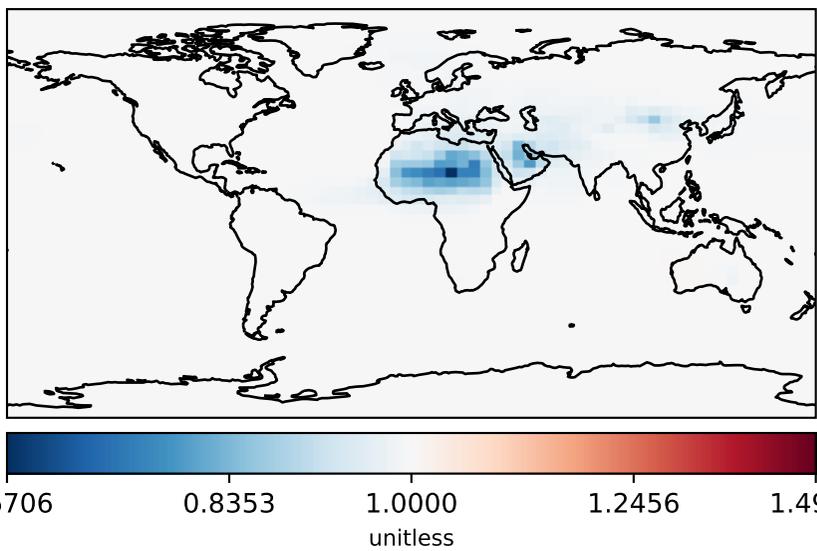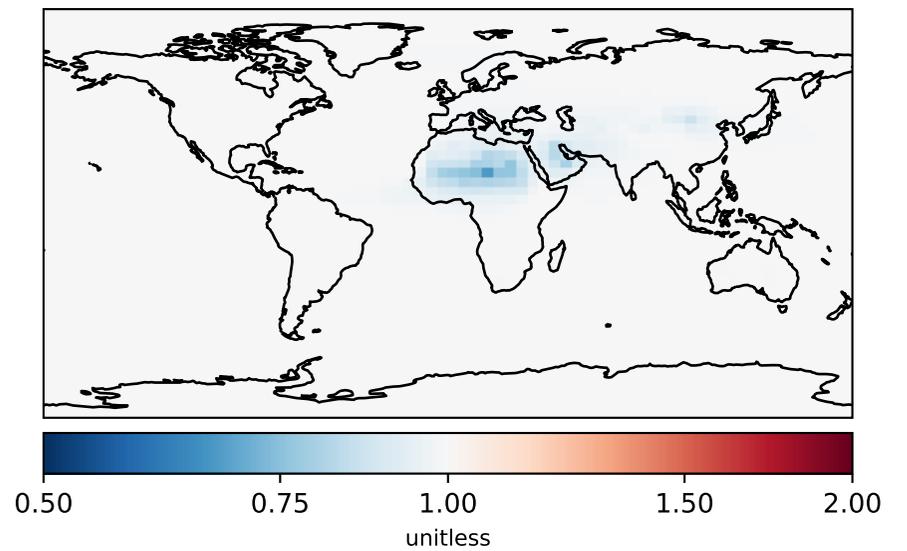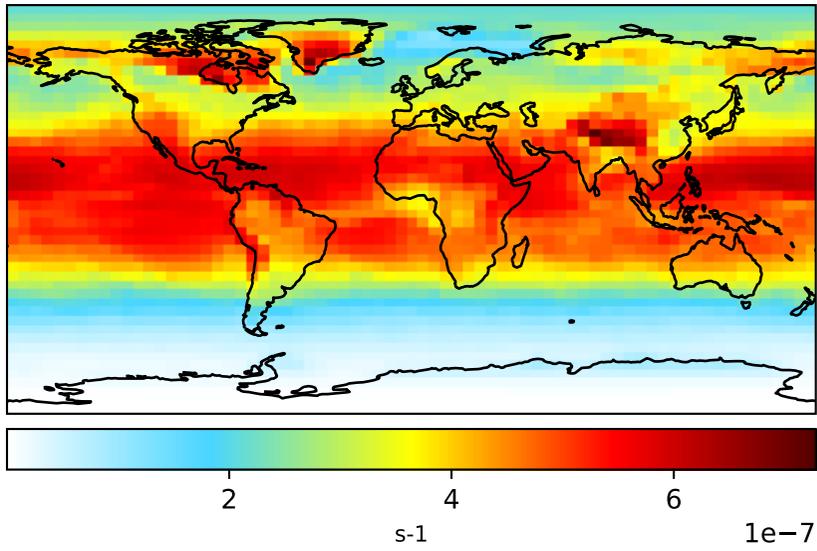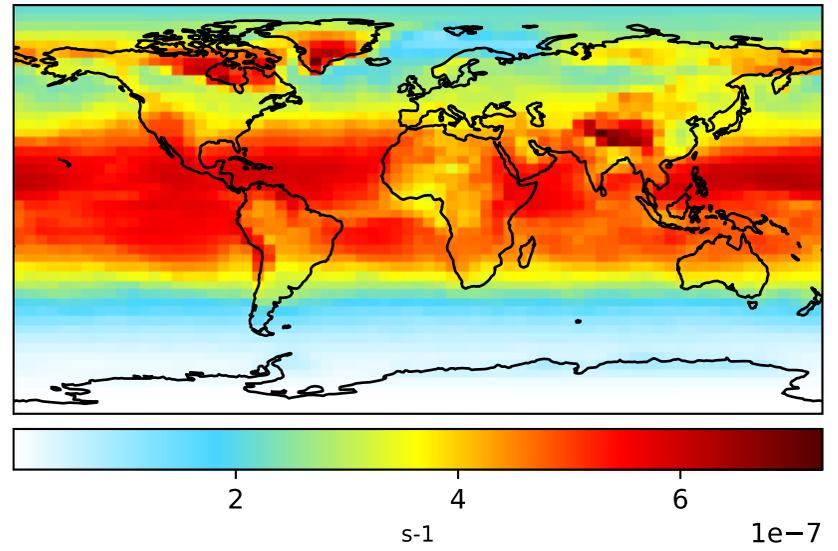Dev/Ref, Fixed Range

Jval_NO (Apr2019)

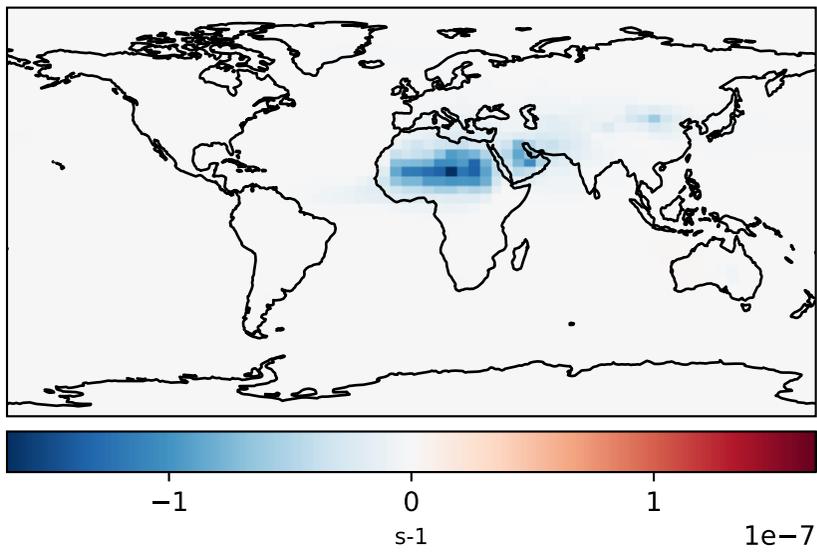Jval_NO2 (Apr2019)

Jval_NO3 (Apr2019)
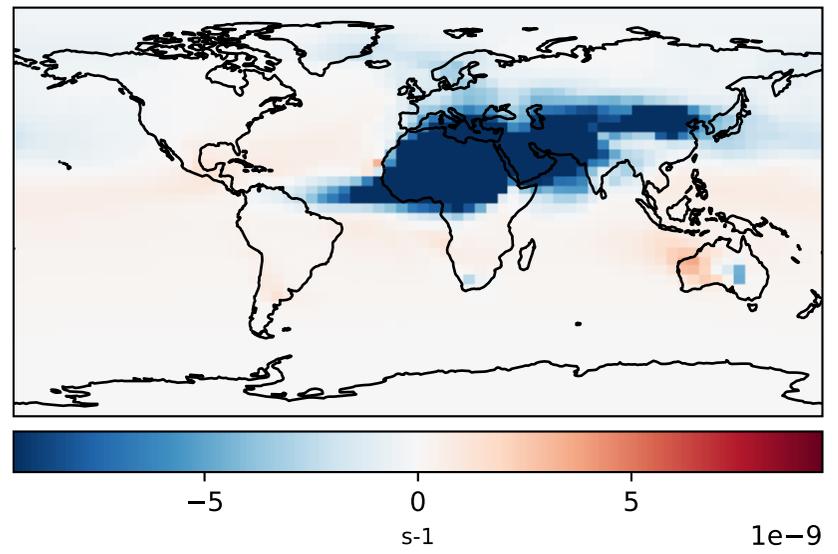

gcc.14.5.0-rc.0 (Ref)
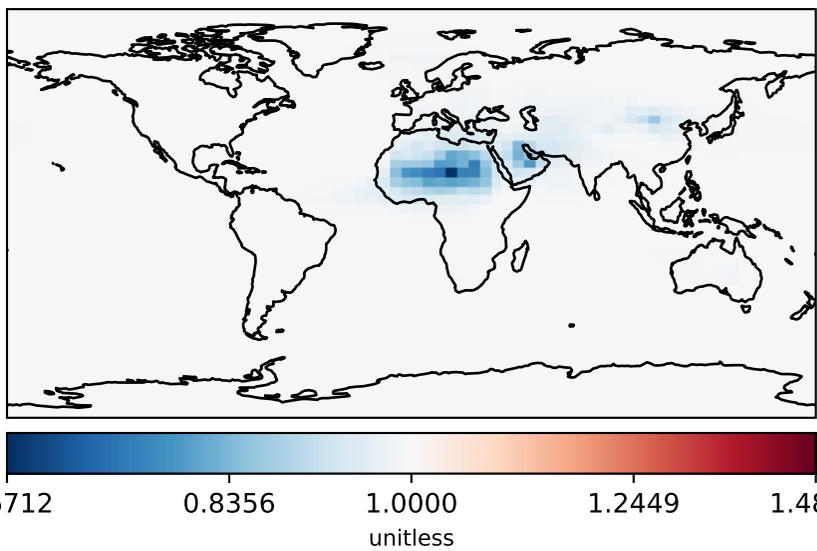4.0x5.0

gcc.14.7.0-rc.0 (Dev)
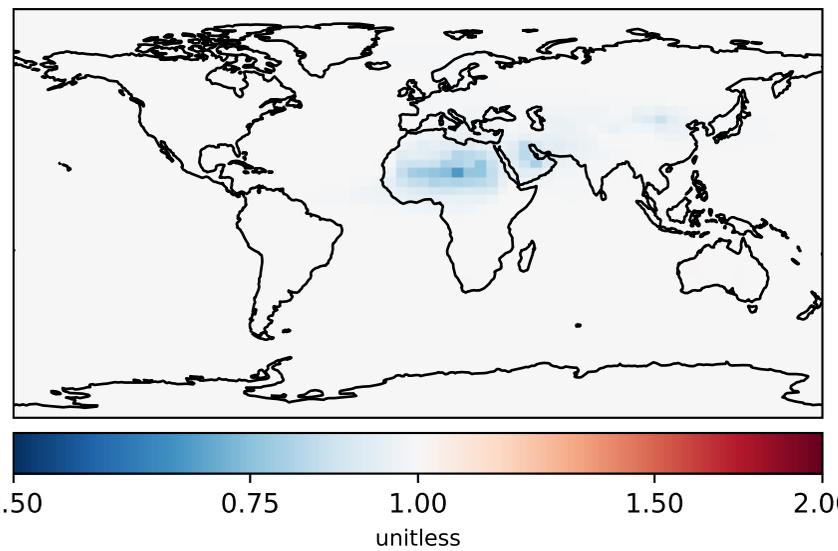4.0x5.0

Difference
Dev - Ref, Dynamic Range

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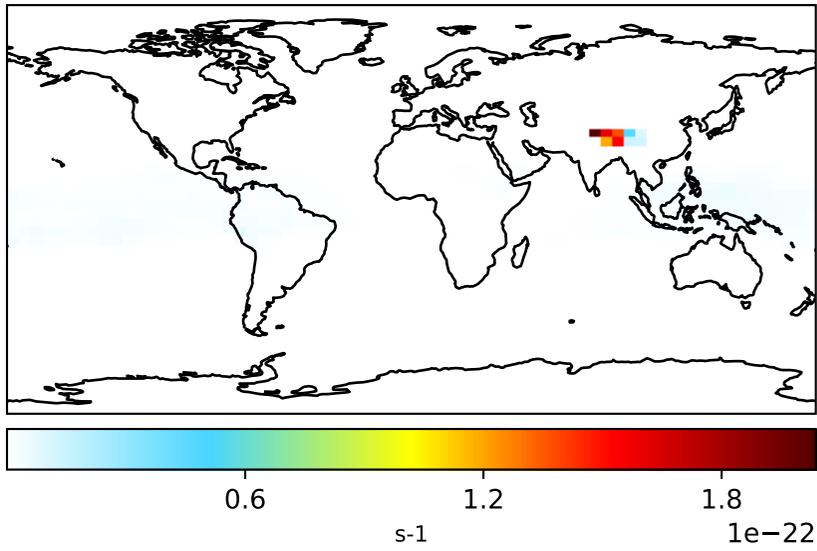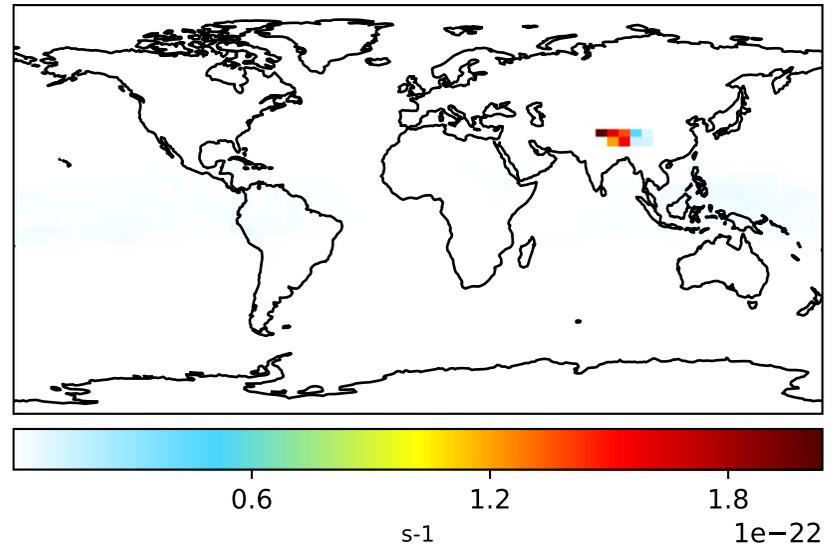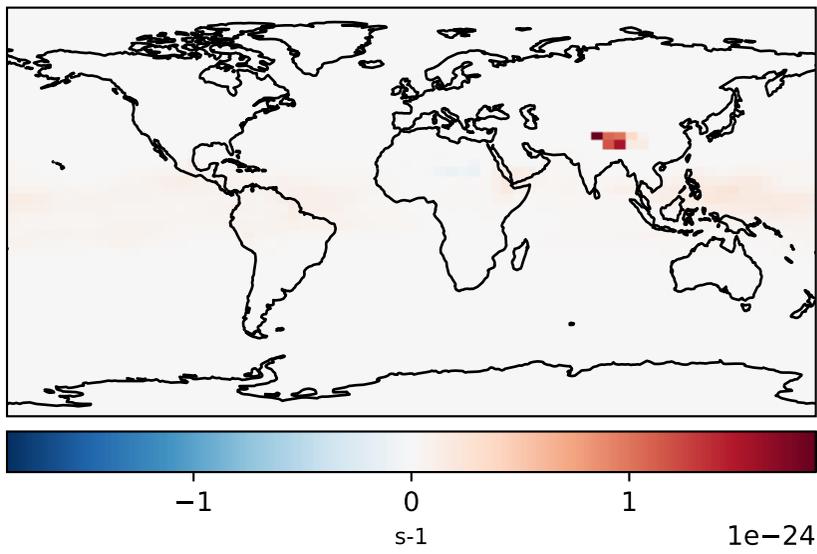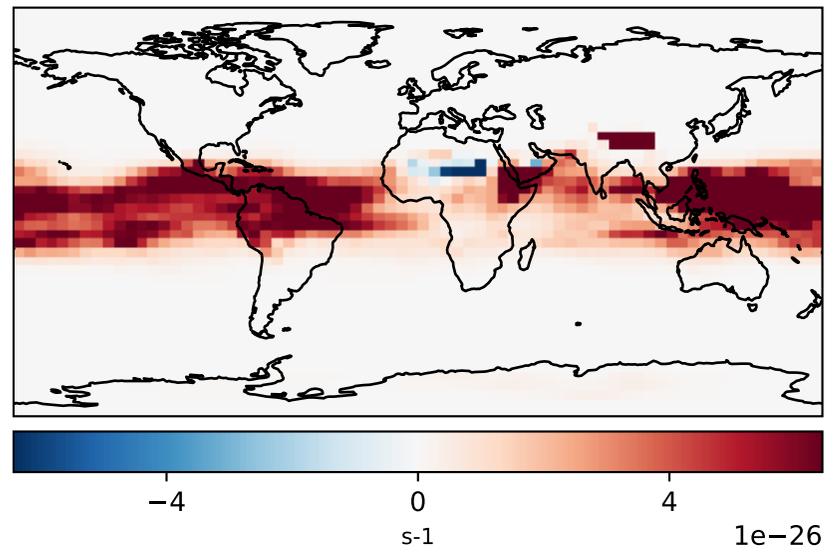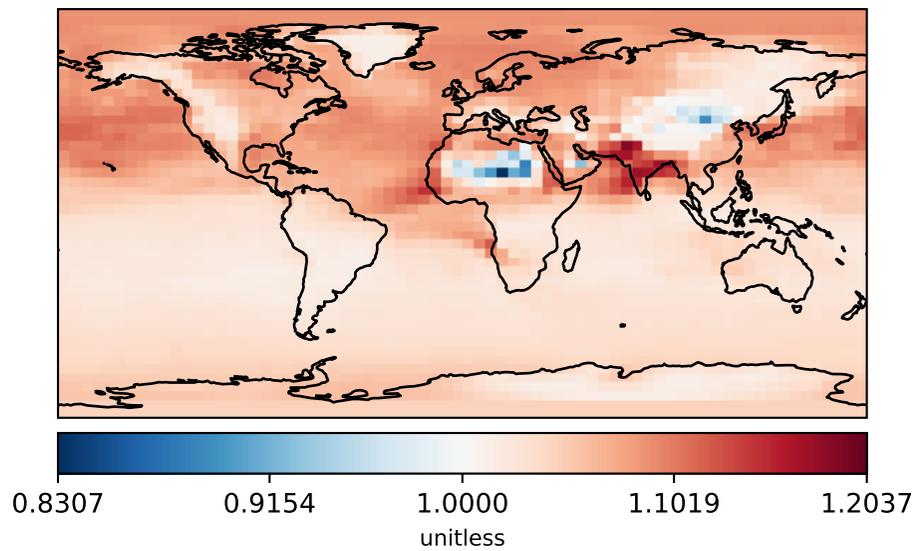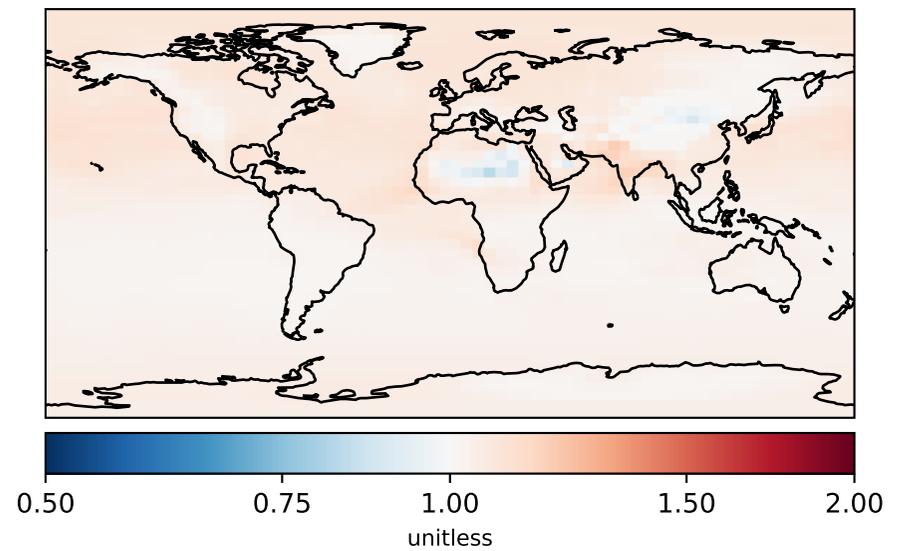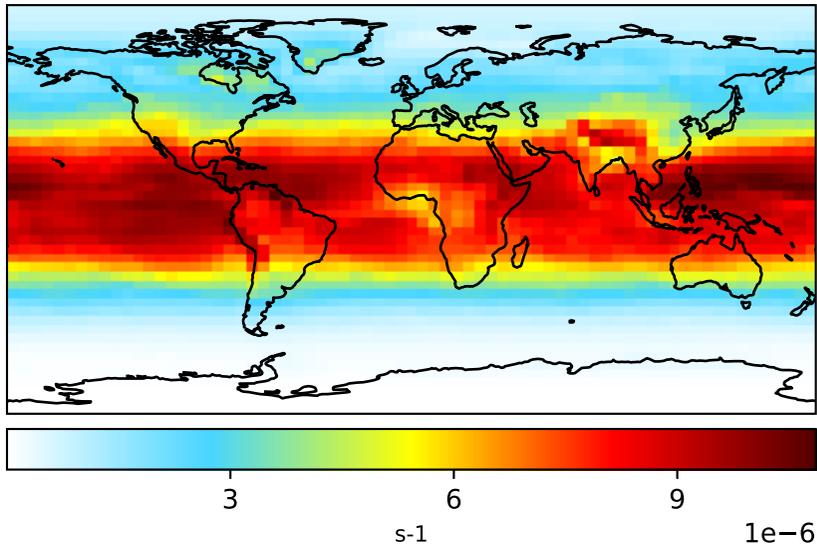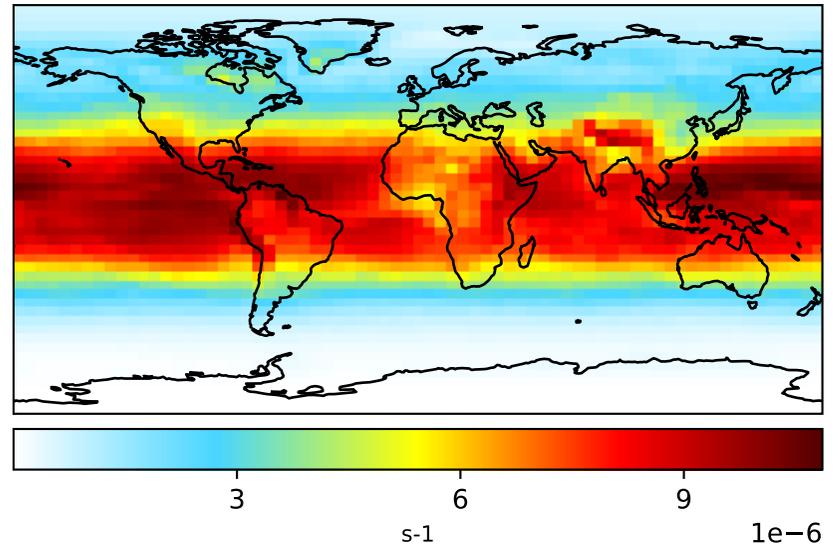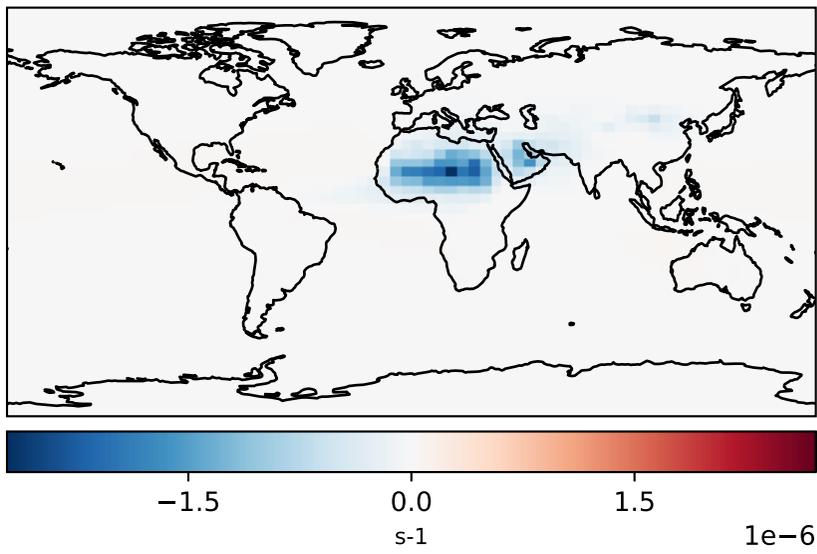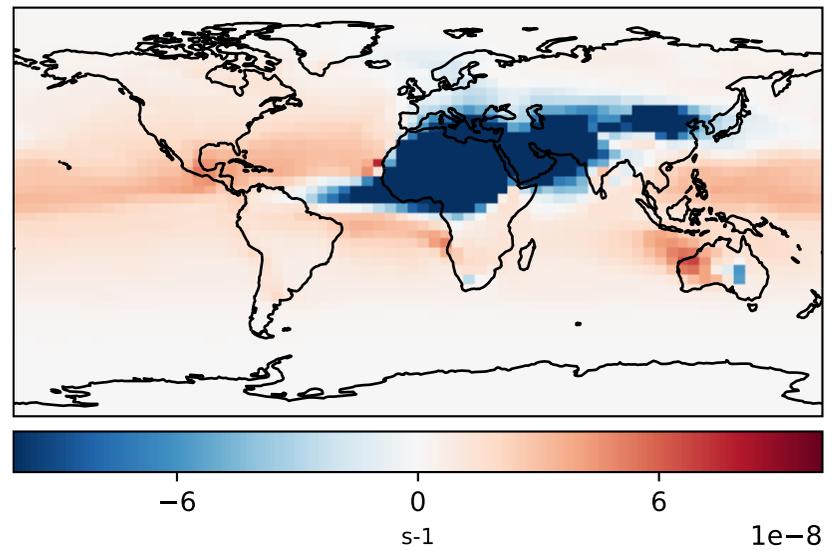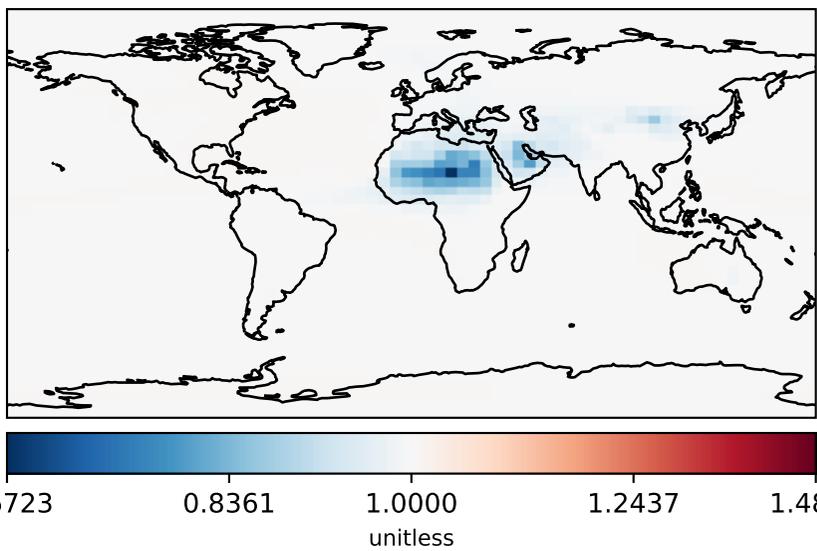Dev - Ref, Restricted Range [5%,95%]
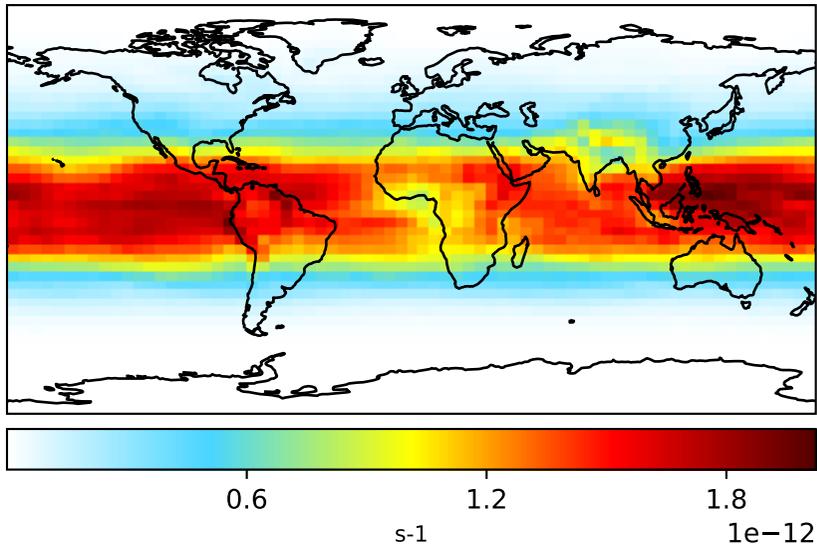
Ratio
Dev/Ref, Dynamic Range

Ratio
Dev/Ref, Fixed Range

Jval_NPHEN (Apr2019)

Jval_NPRNO3 (Apr2019)

Jval_O2 (Apr2019)
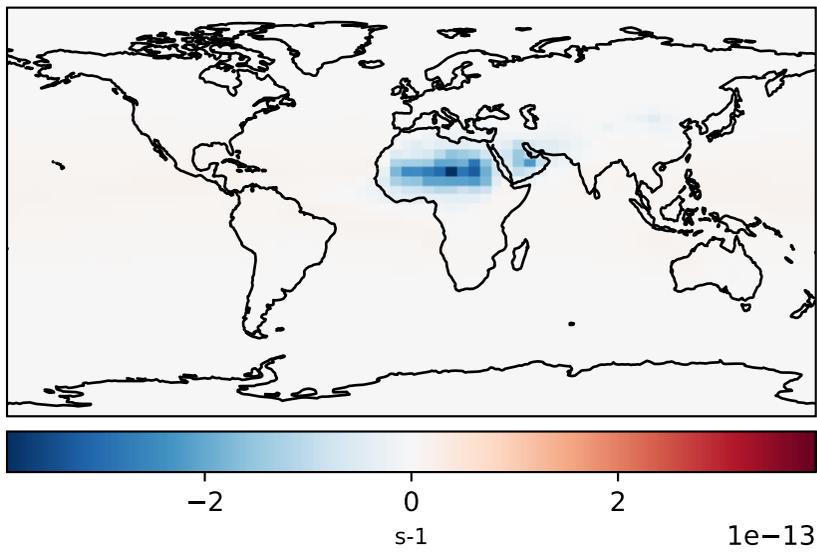
Jval_O3 (Apr2019)

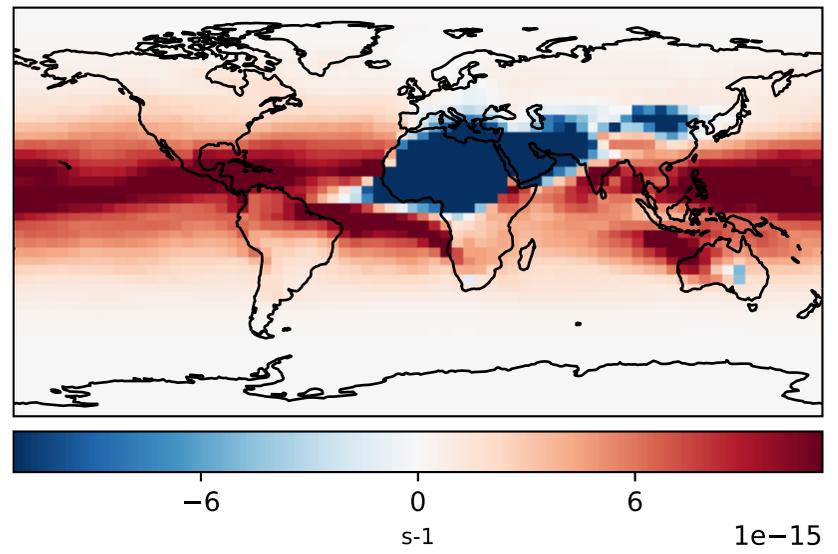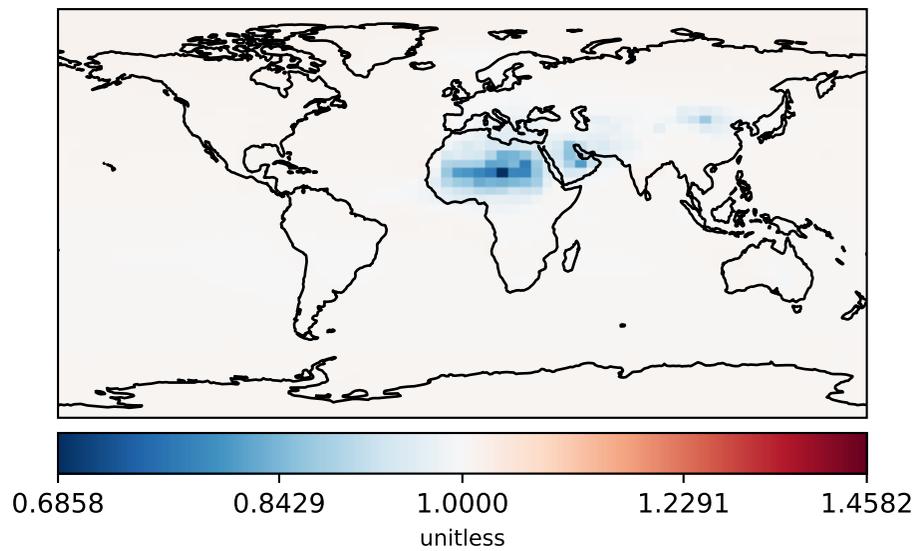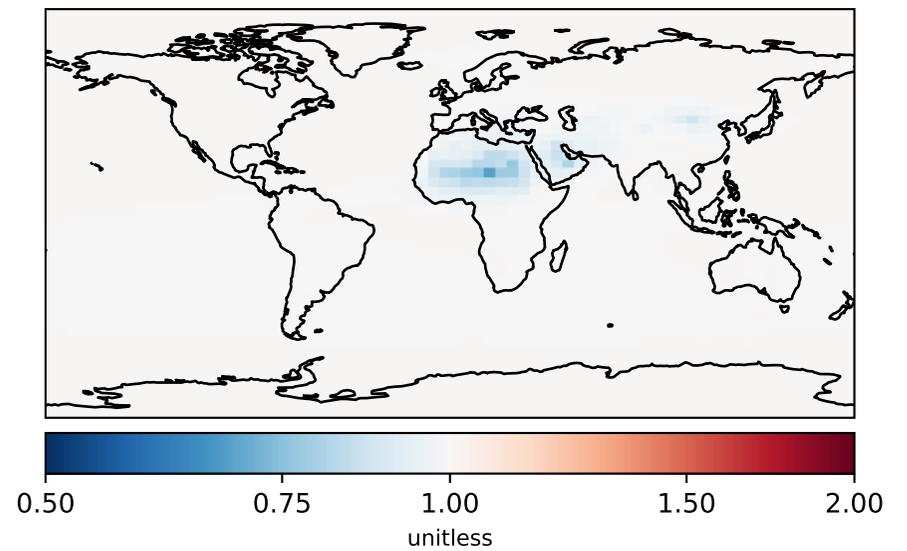# Jval_OCS (Apr2019)

gcc.14.5.0-rc.0 (Ref)
4.0x5.0

gcc.14.7.0-rc.0 (Dev)
4.0x5.0

Difference
Dev - Ref, Dynamic Range

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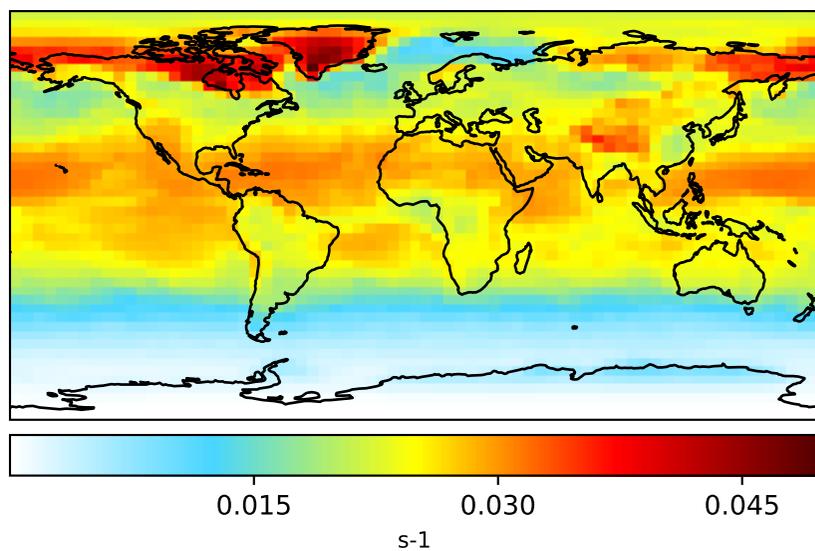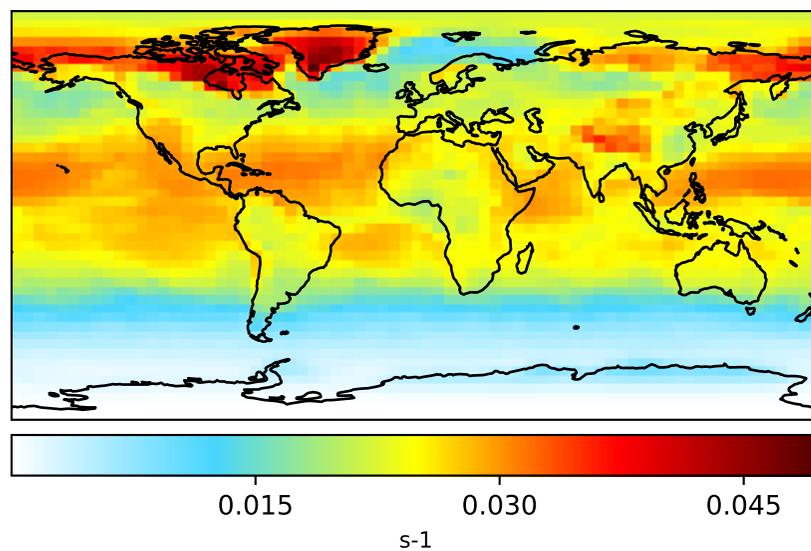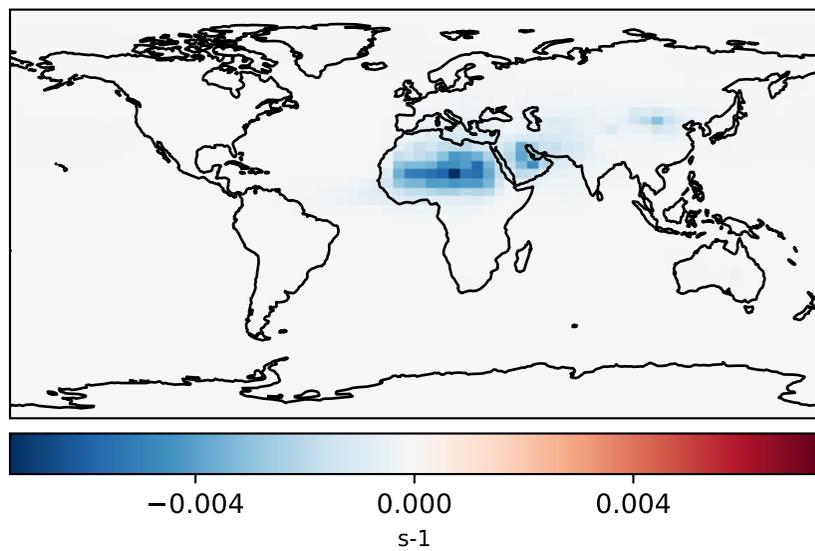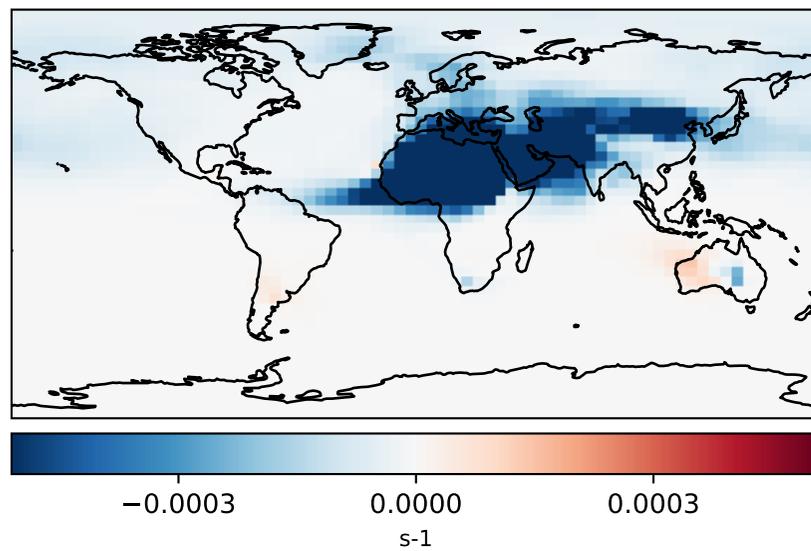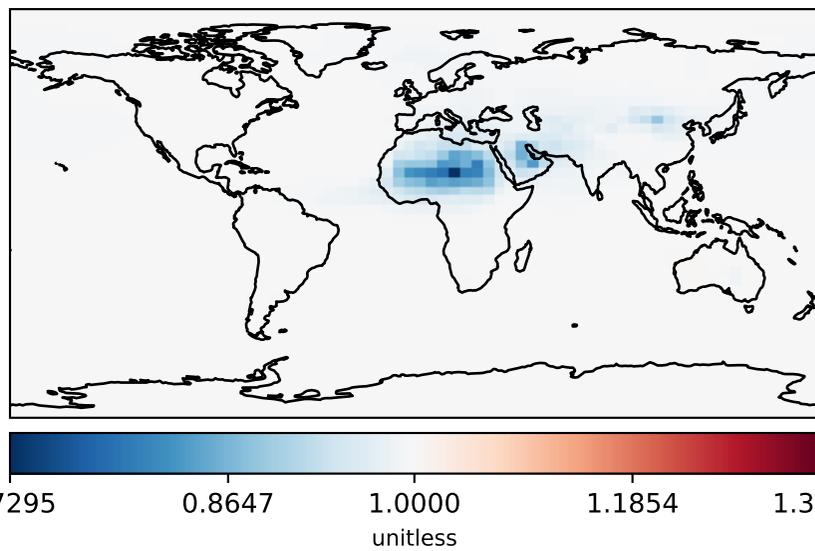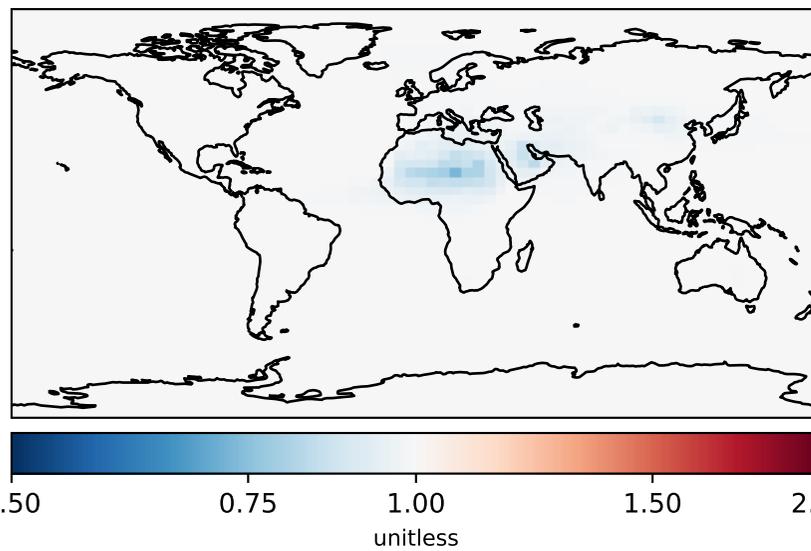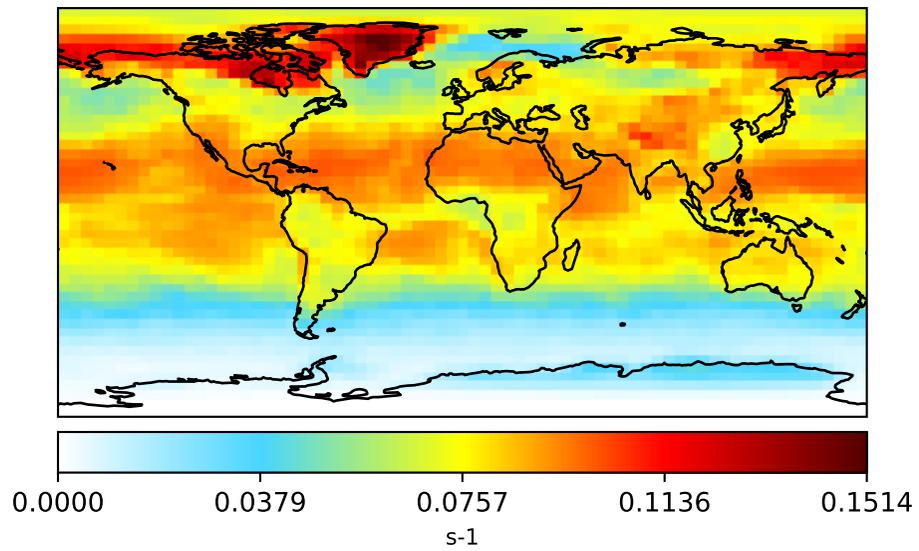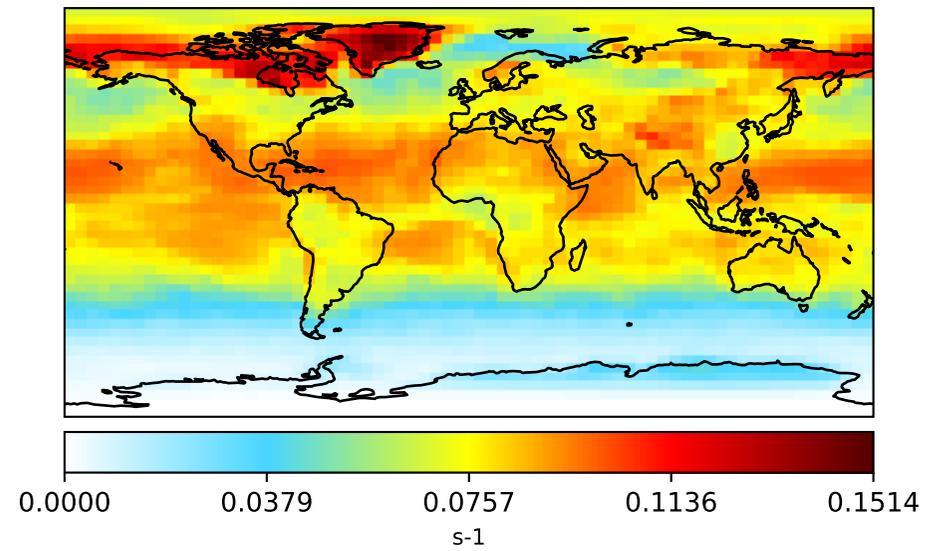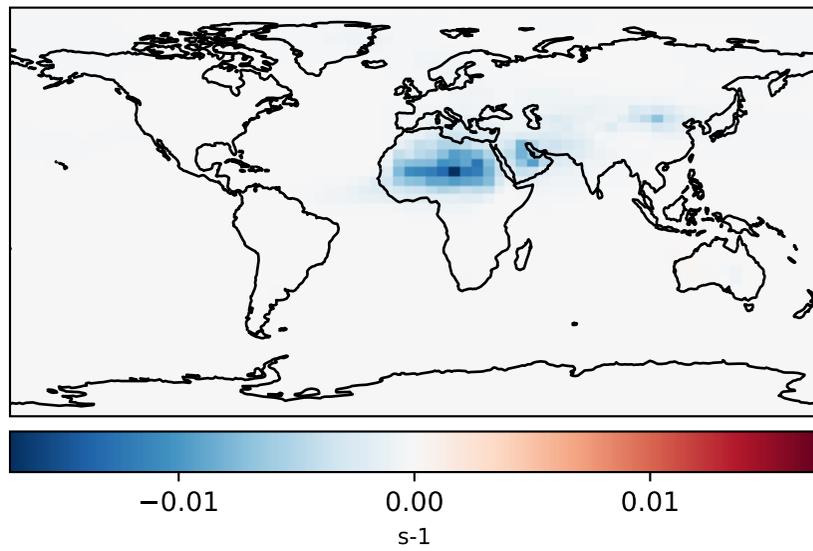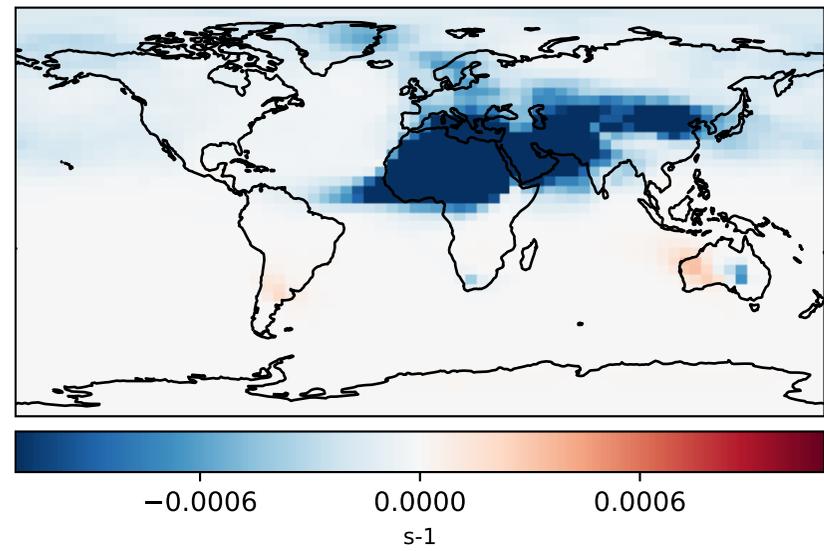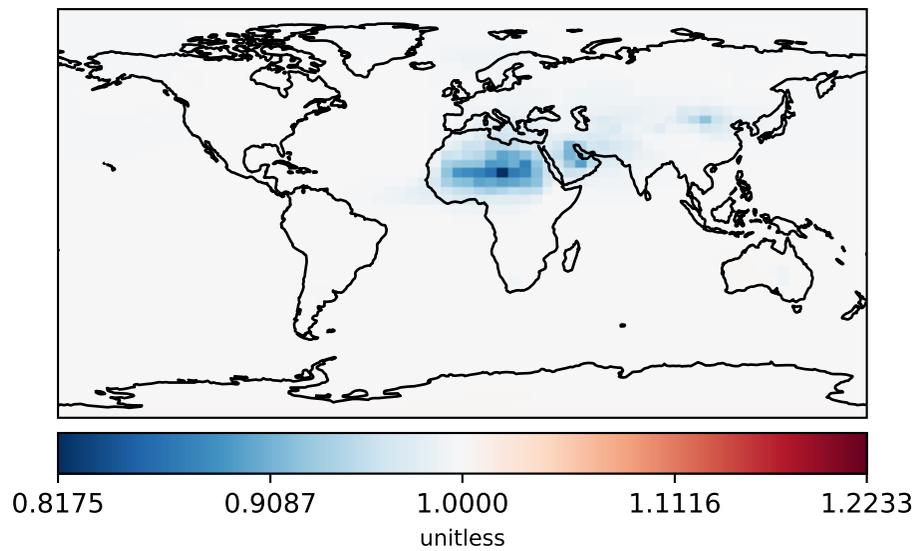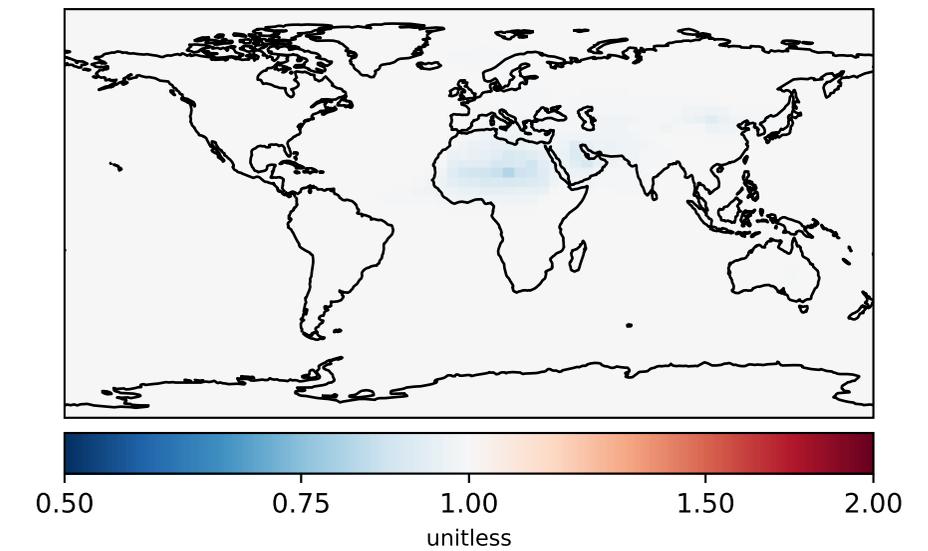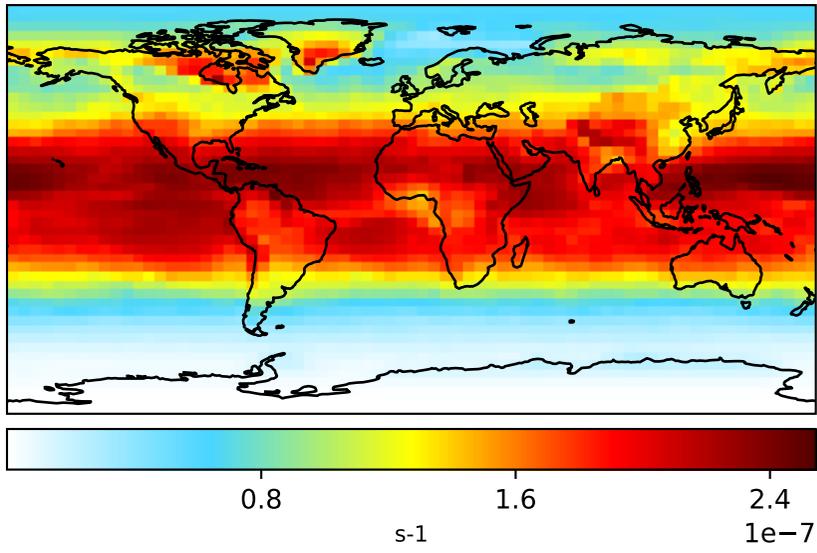Dev - Ref, Restricted Range [5%,95%]
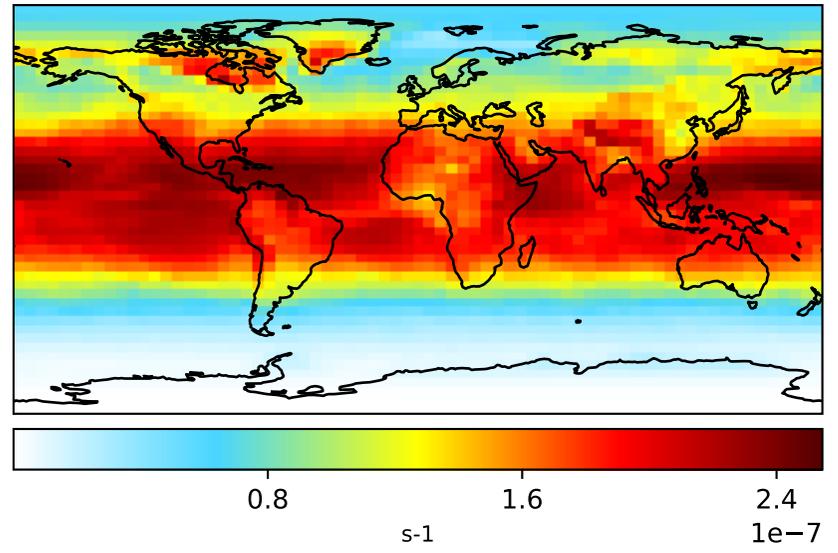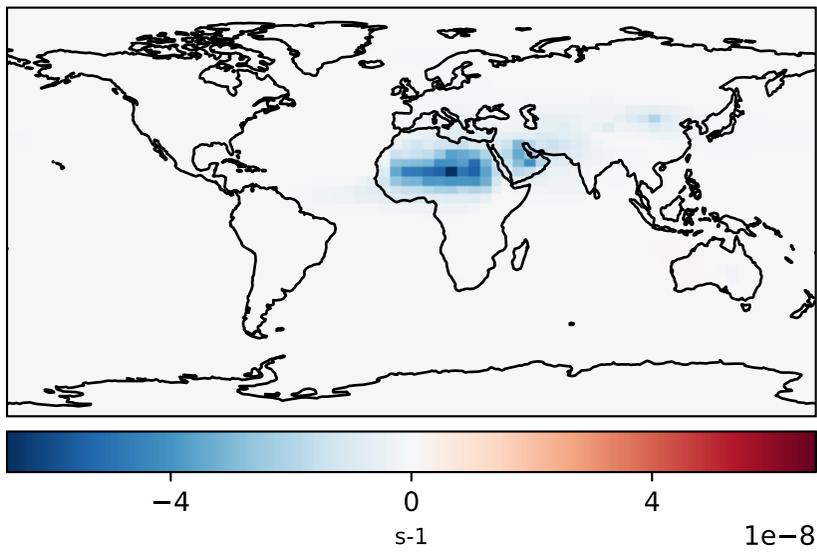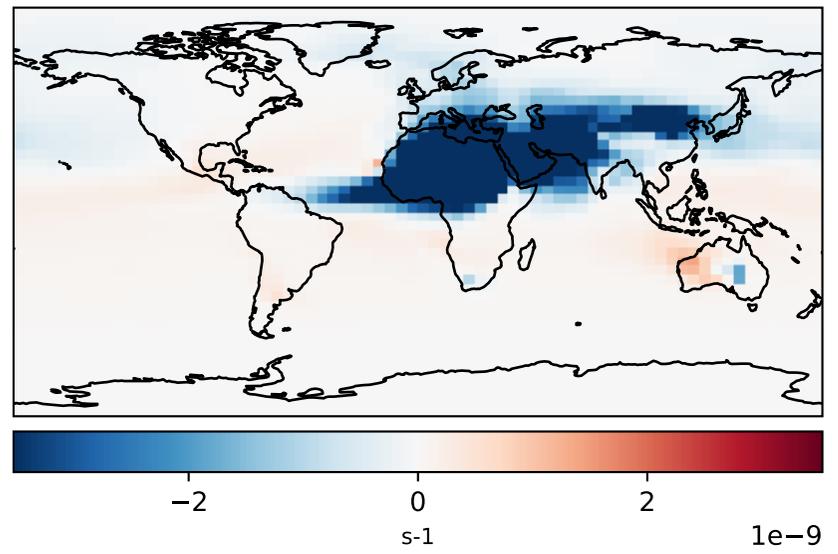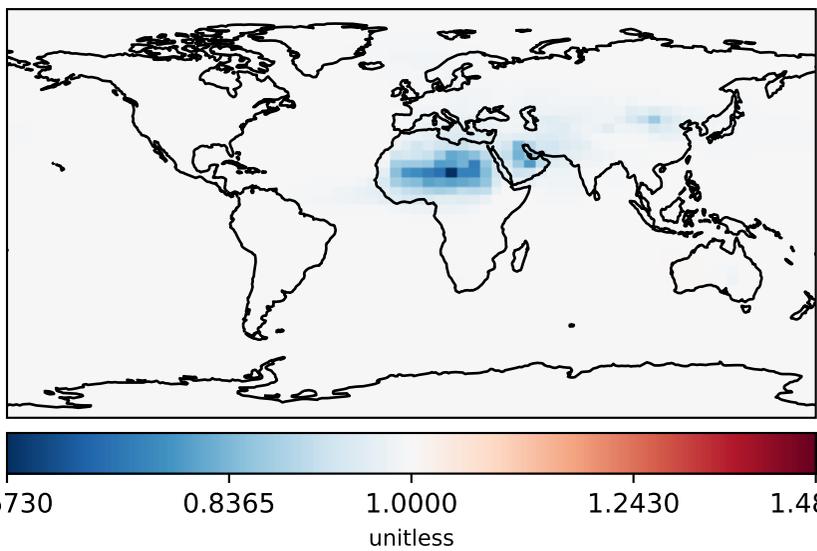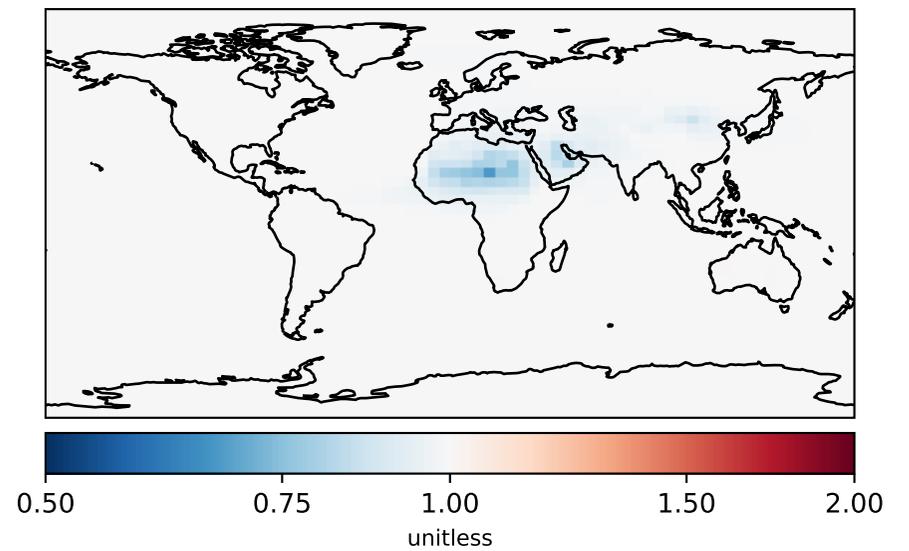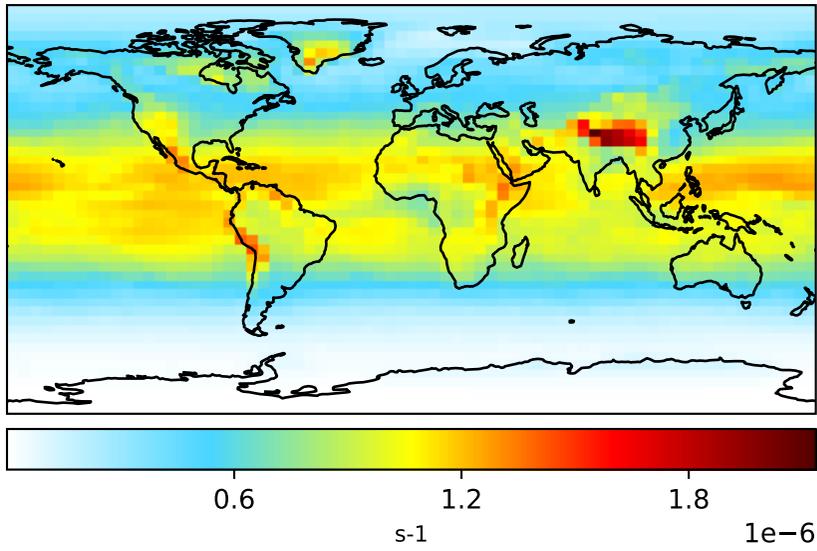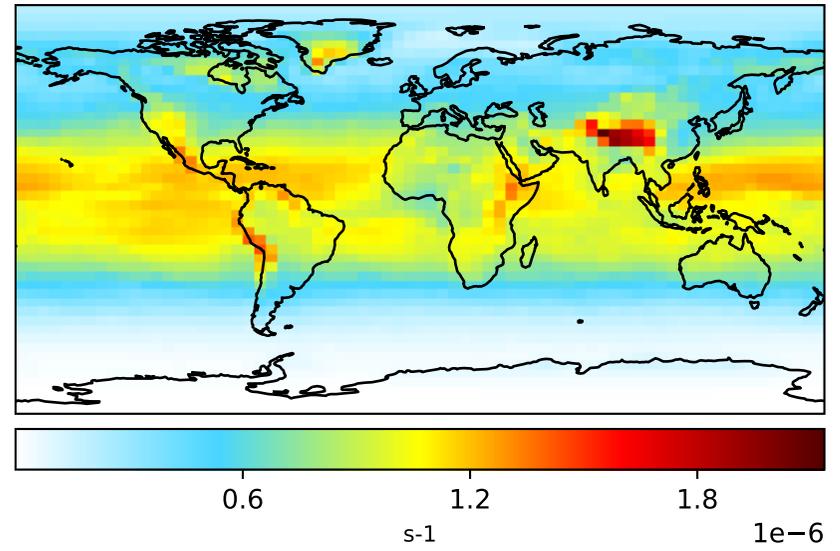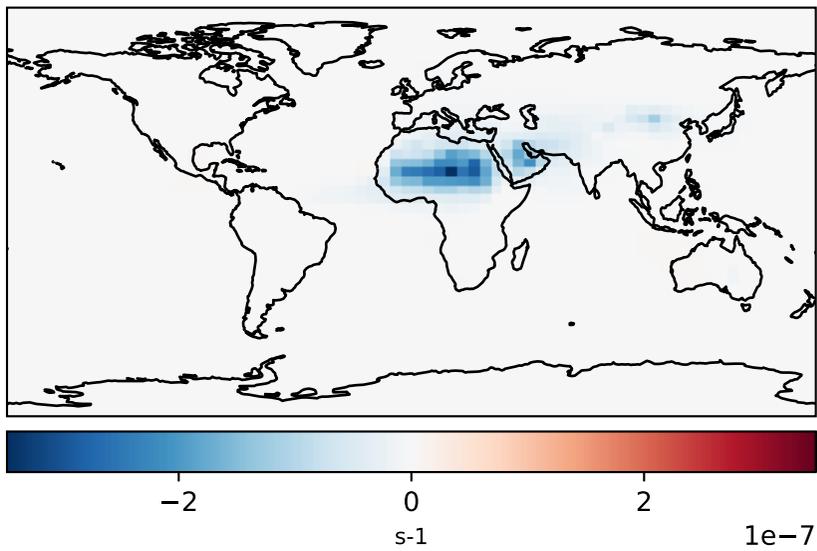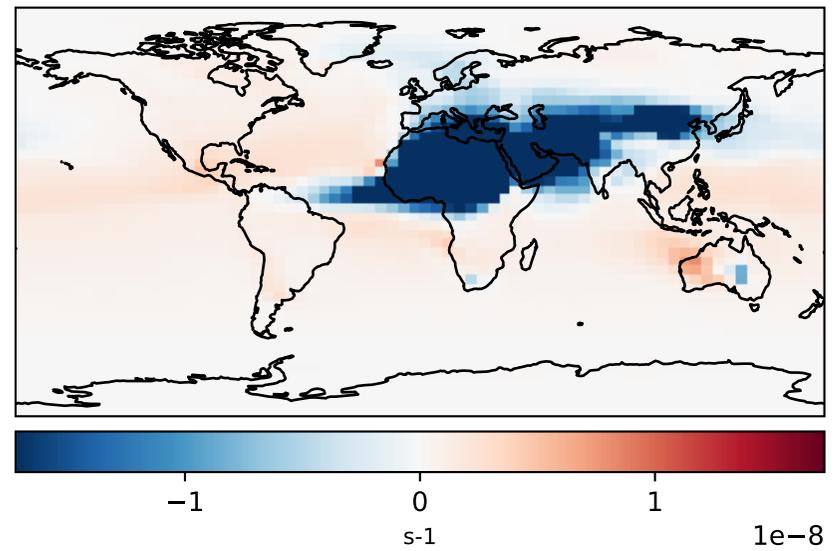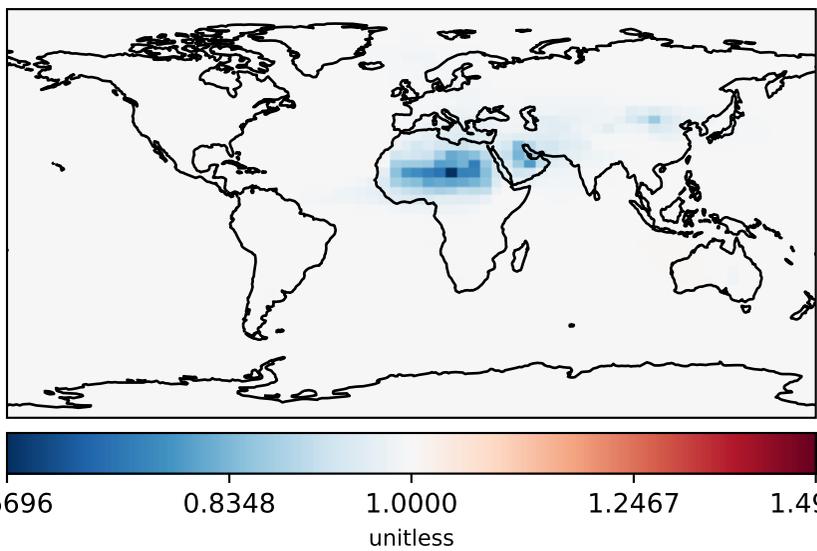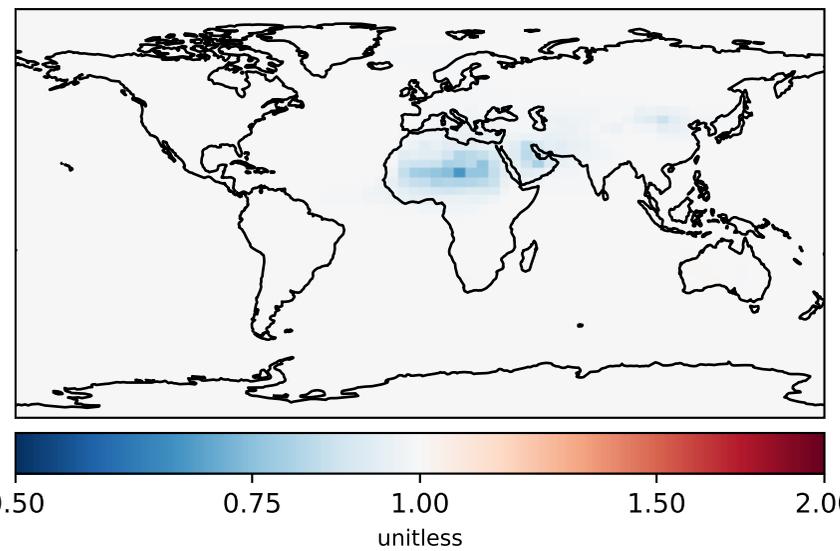
Ratio
Dev/Ref, Dynamic Range

Ratio
Dev/Ref, Fixed Range

Jval_OClO (Apr2019)

| gcc.14.5.0-rc.0 (Ref)
4.0x5.0 | gcc.14.7.0-rc.0 (Dev)
4.0x5.0 |

Jval_OIO (Apr2019)

Jval_PAN (Apr2019)

Jval_PINAL (Apr2019)

Jval_PINO3H (Apr2019)

Jval_PINONIC (Apr2019)

gcc.14.5.0-rc.0 (Ref)
4.0x5.0

gcc.14.7.0-rc.0 (Dev)
4.0x5.0

Difference
Dev - Ref, Dynamic Range

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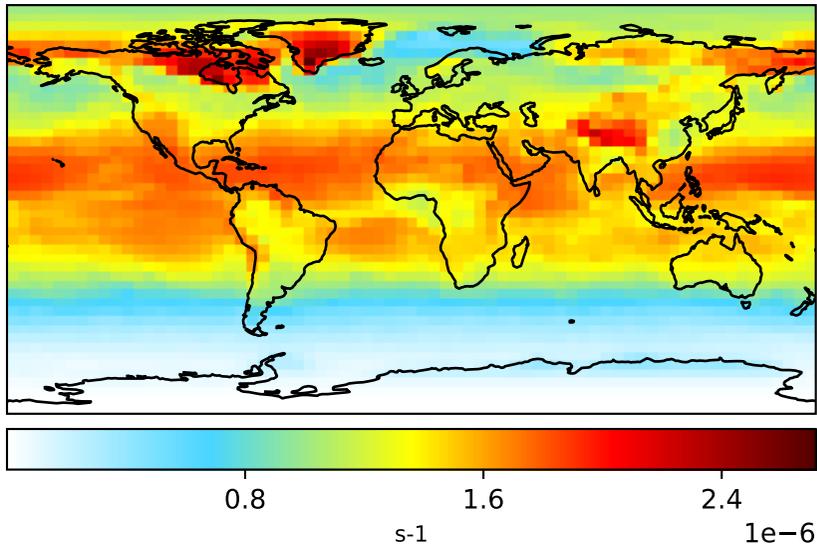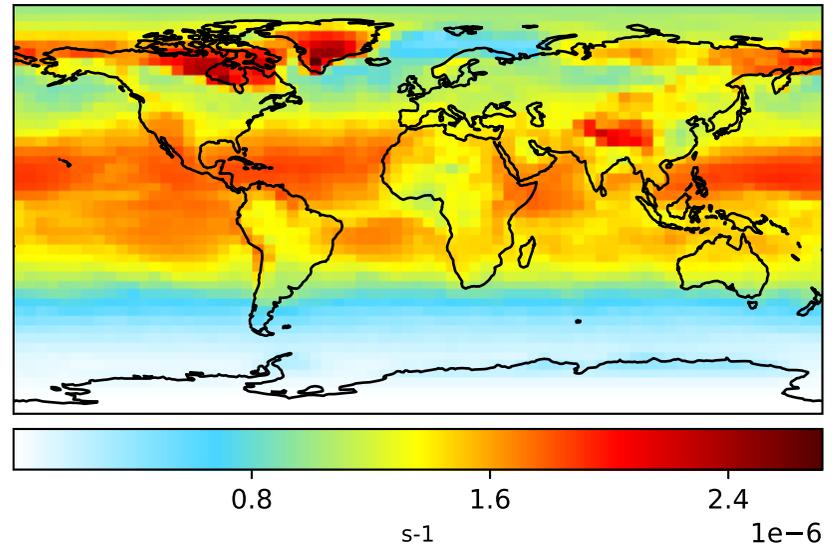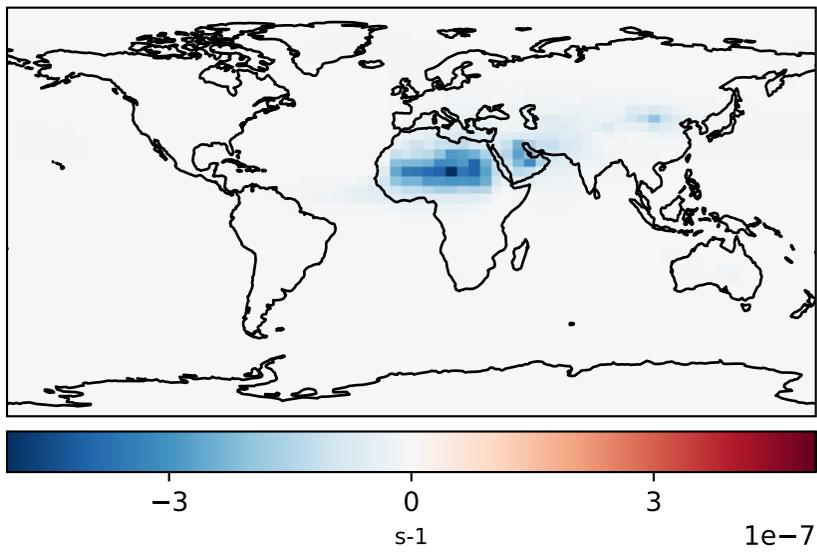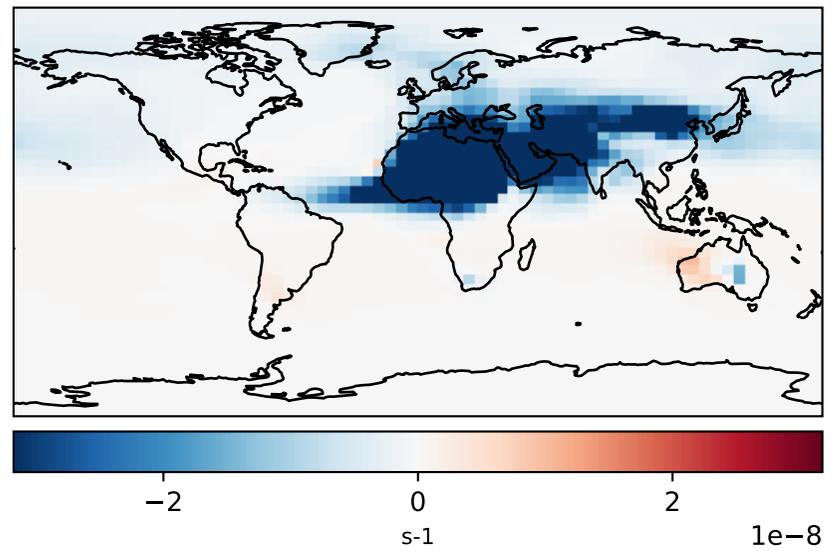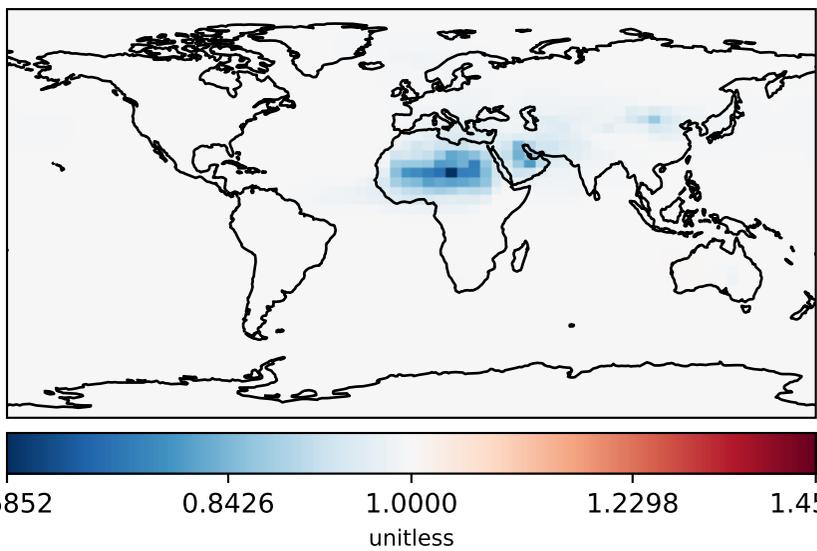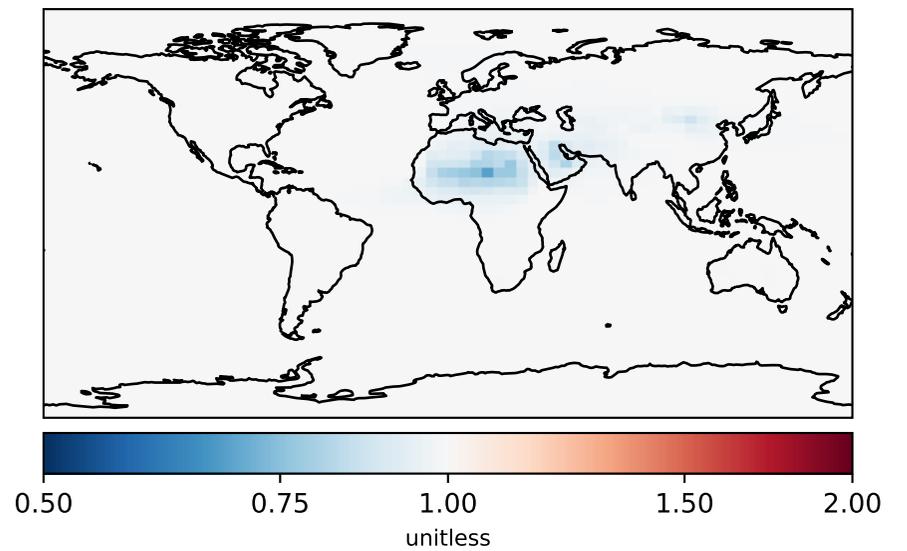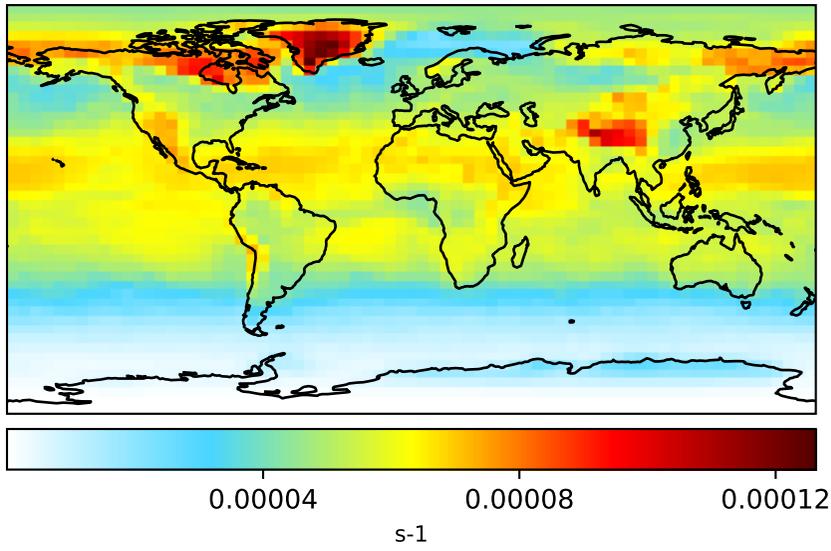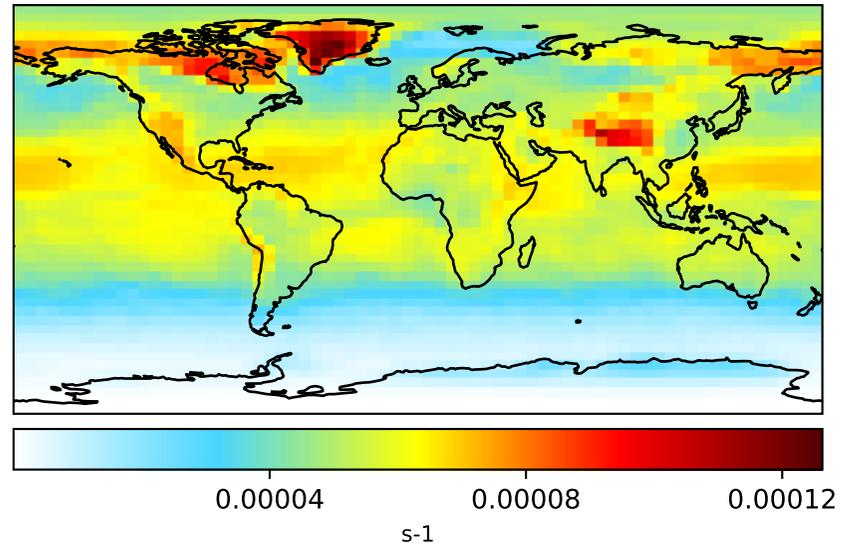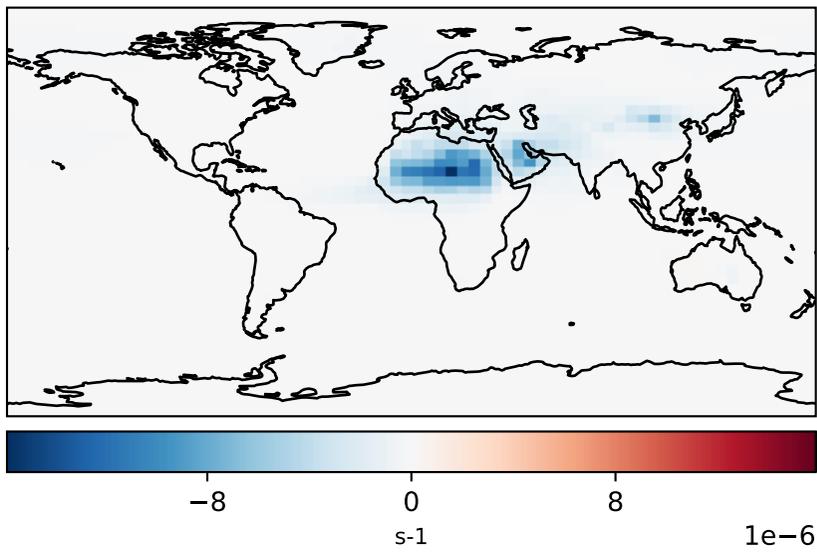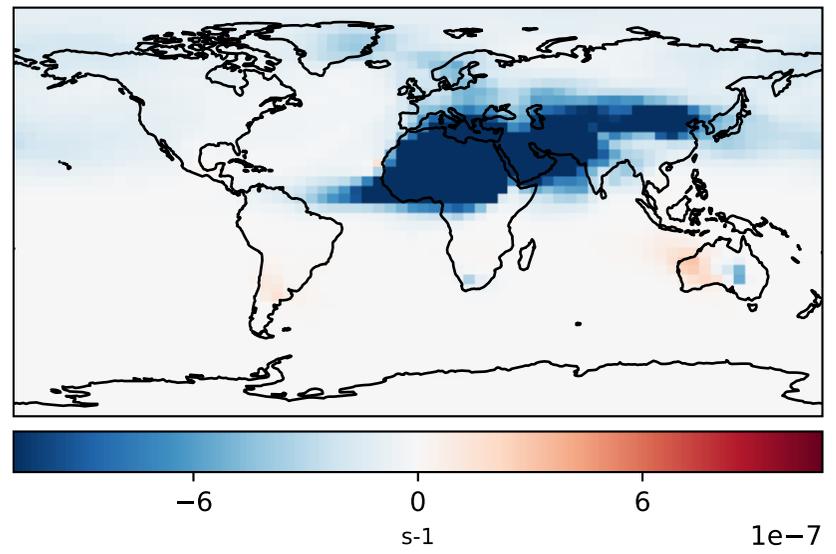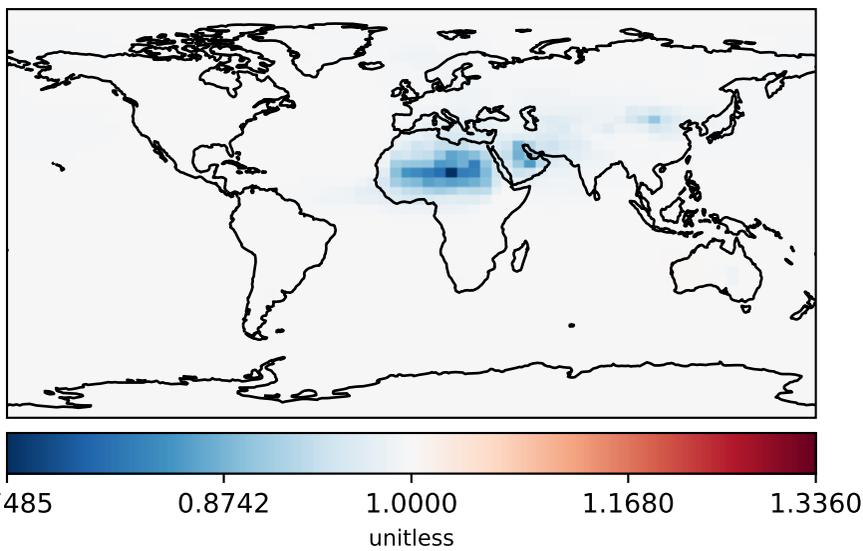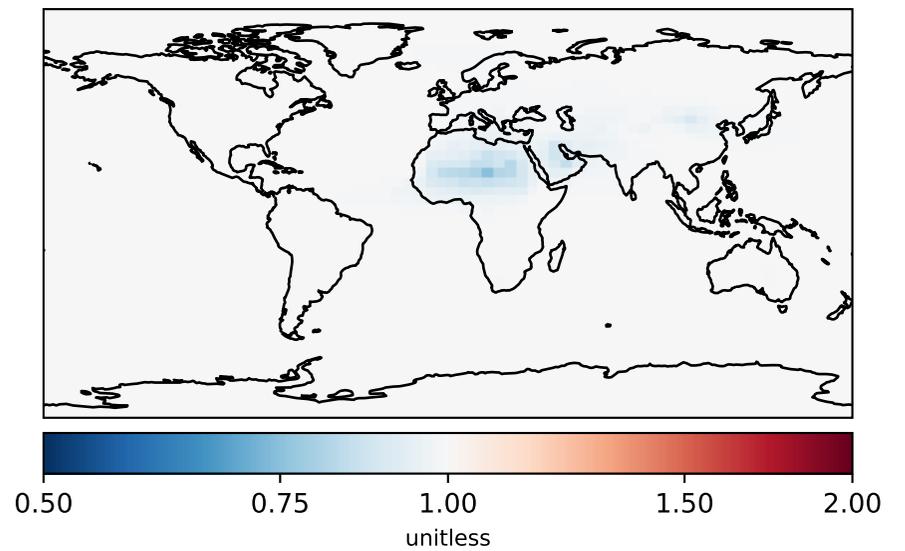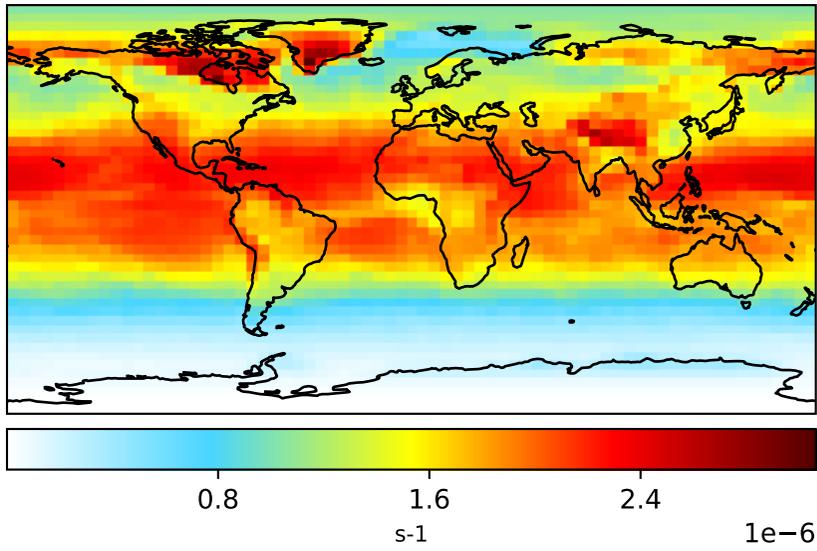Dev - Ref, Restricted Range [5%,95%]

Ratio
Dev/Ref, Dynamic Range
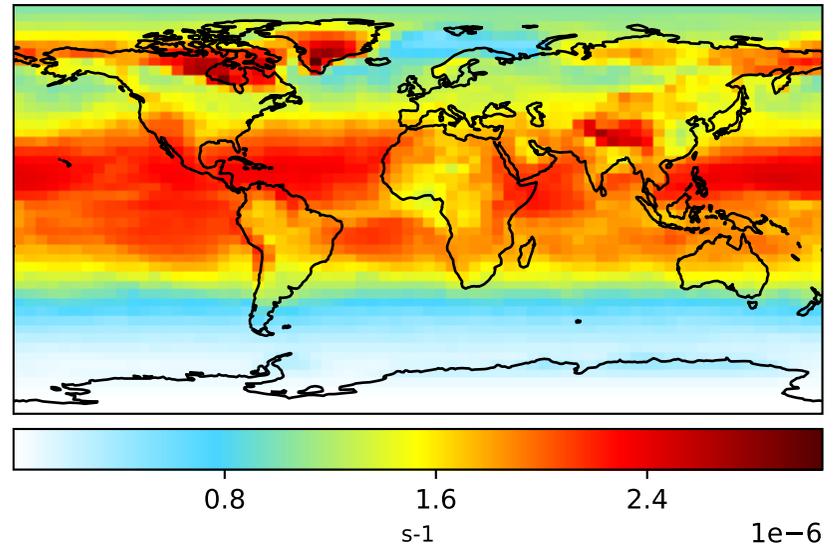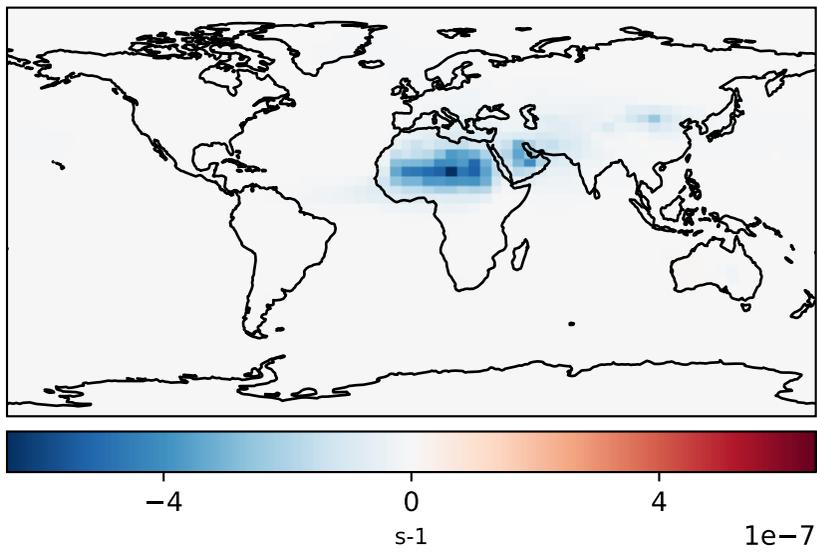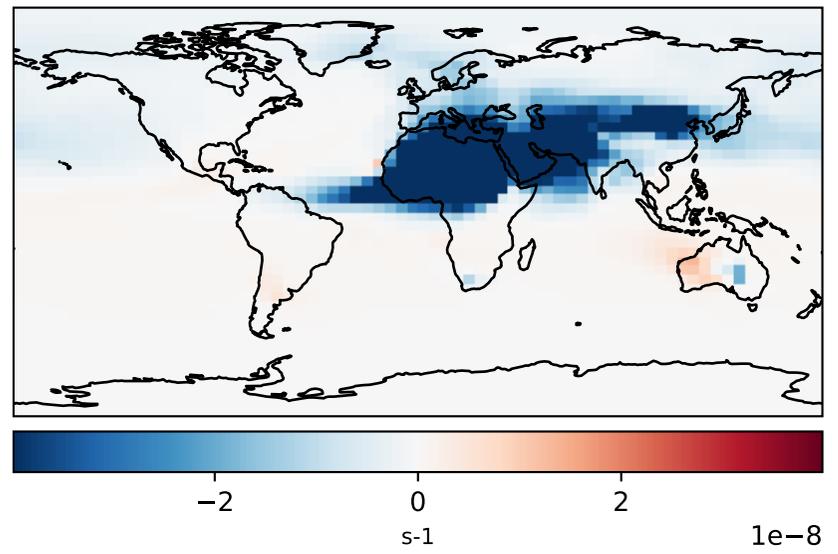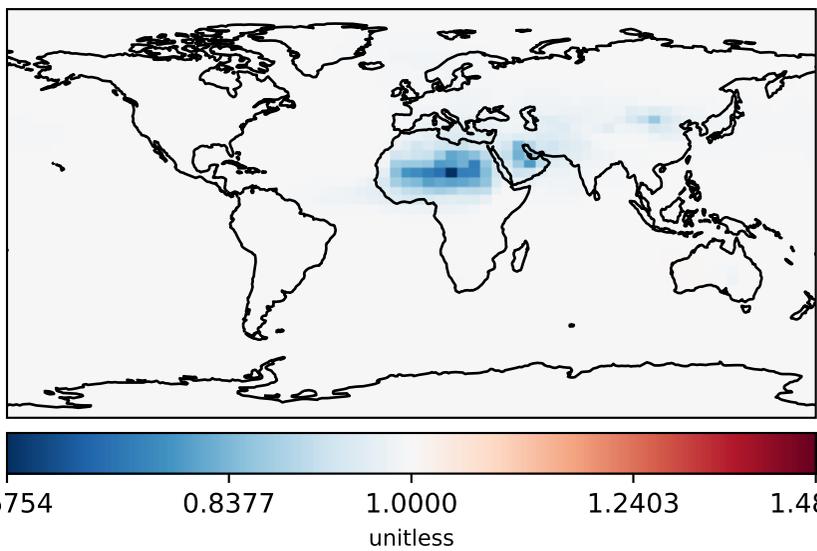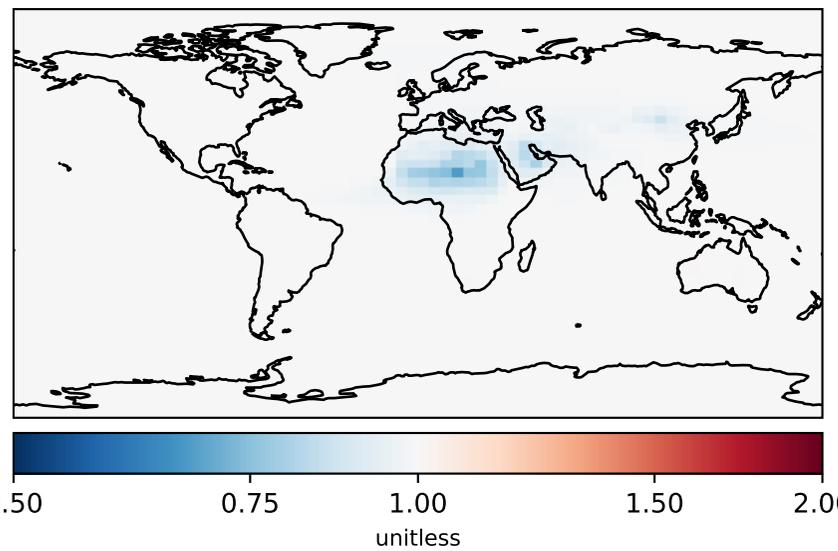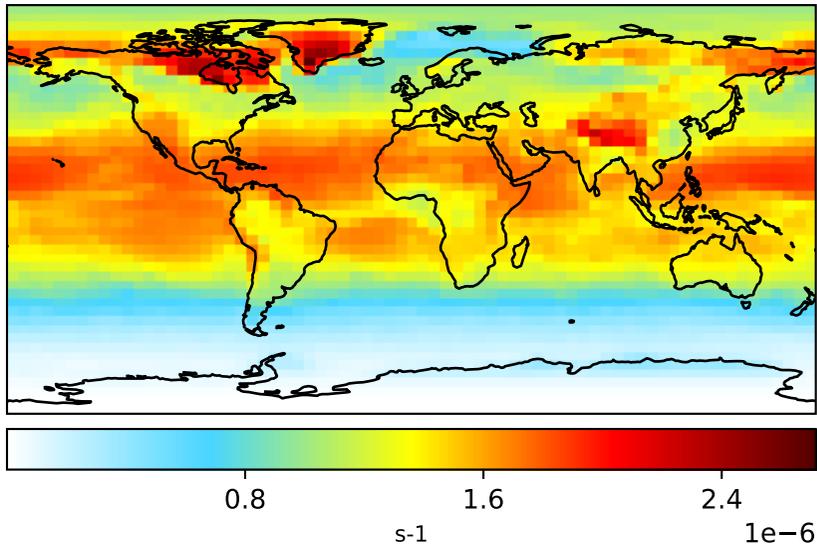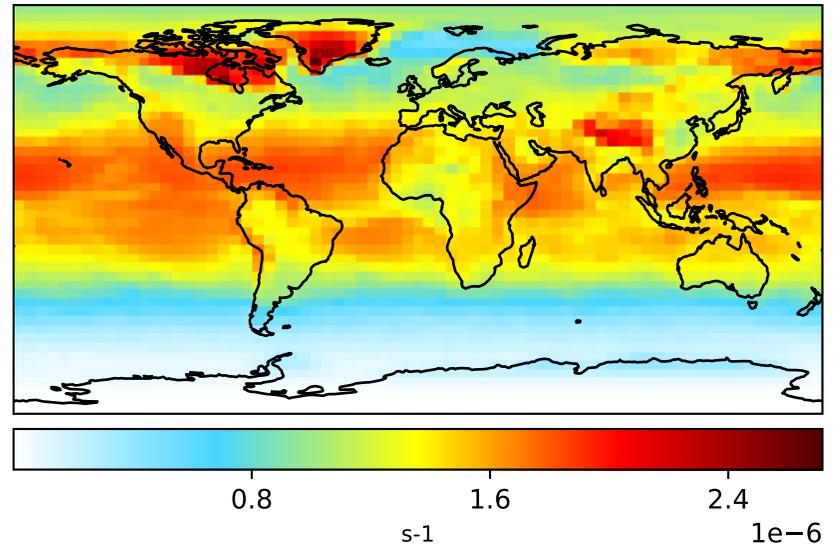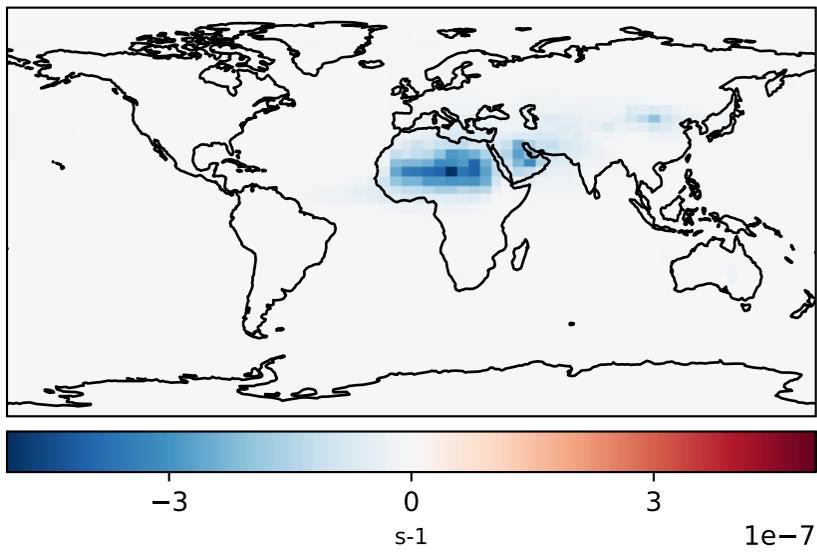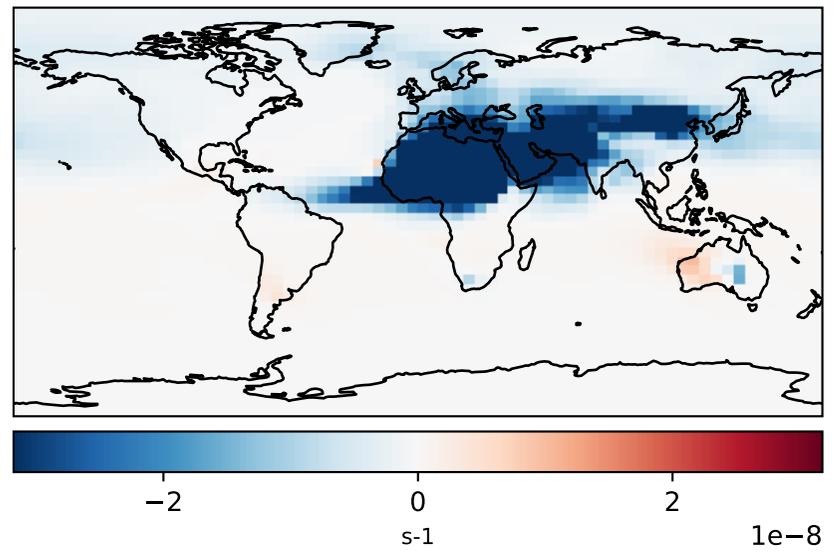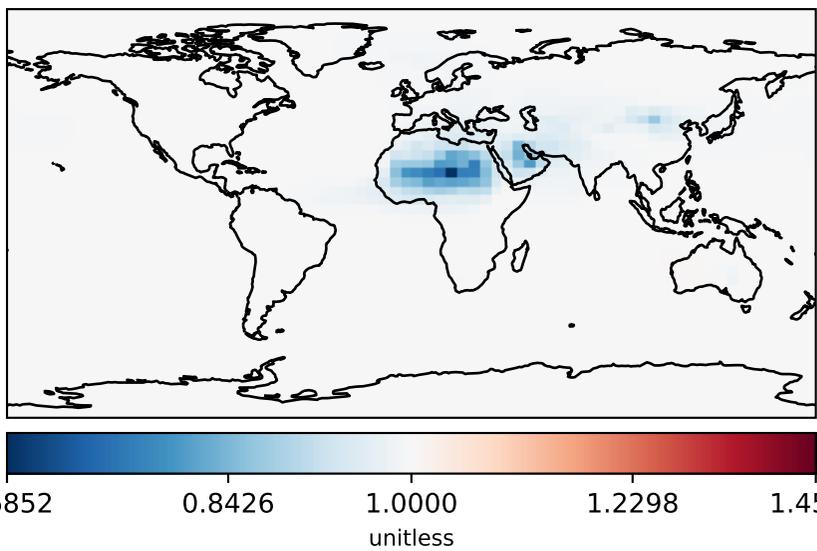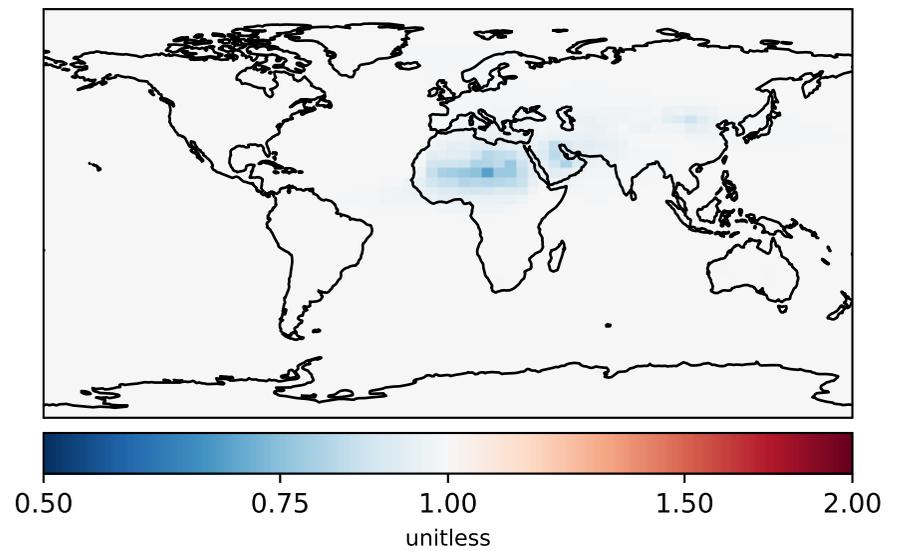
Ratio
Dev/Ref, Fixed Range

Jval_PIP (Apr2019)

Jval_PP (Apr2019)

gcc.14.5.0-rc.0 (Ref)
4.0x5.0

gcc.14.7.0-rc.0 (Dev)
4.0x5.0

Difference
Dev - Ref, Dynamic Range

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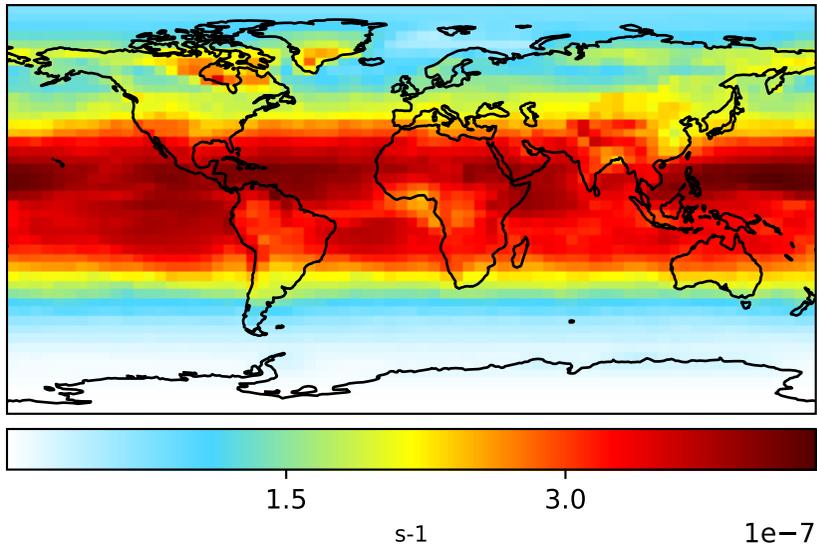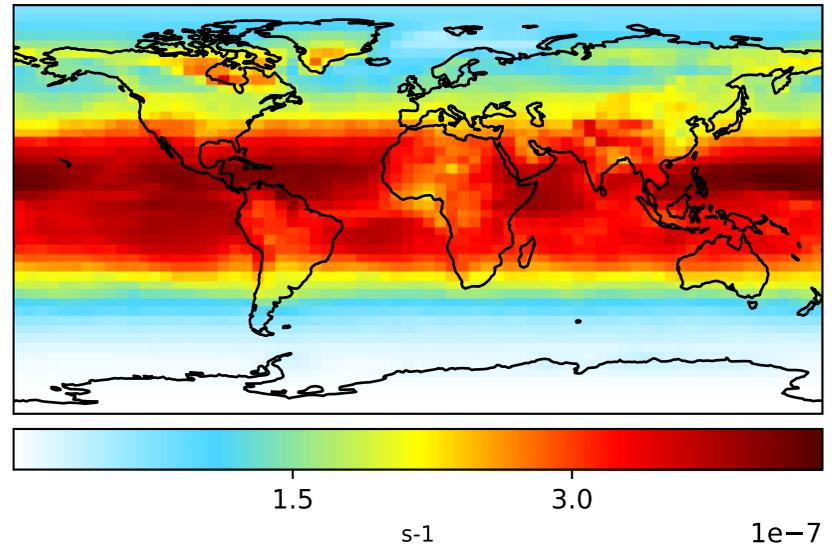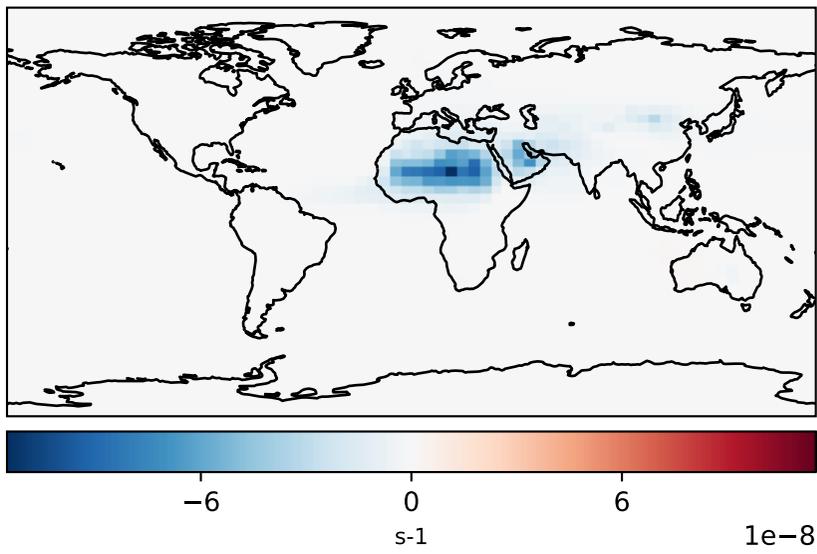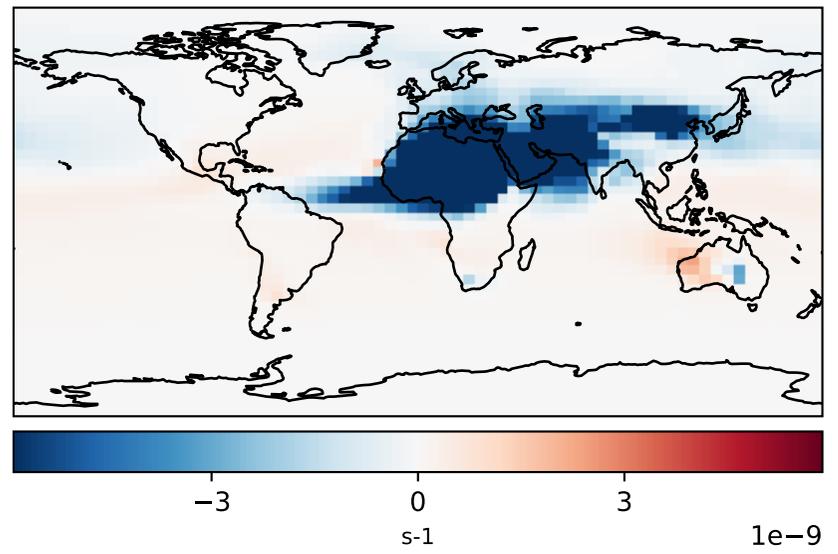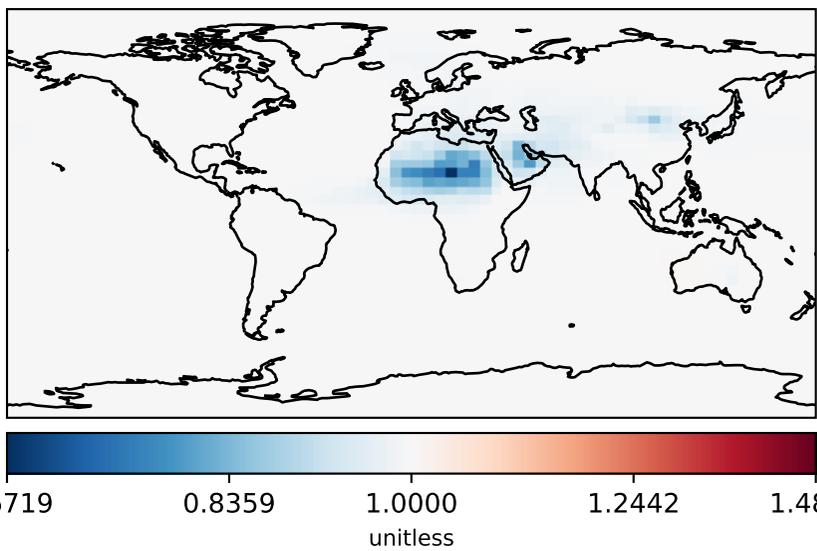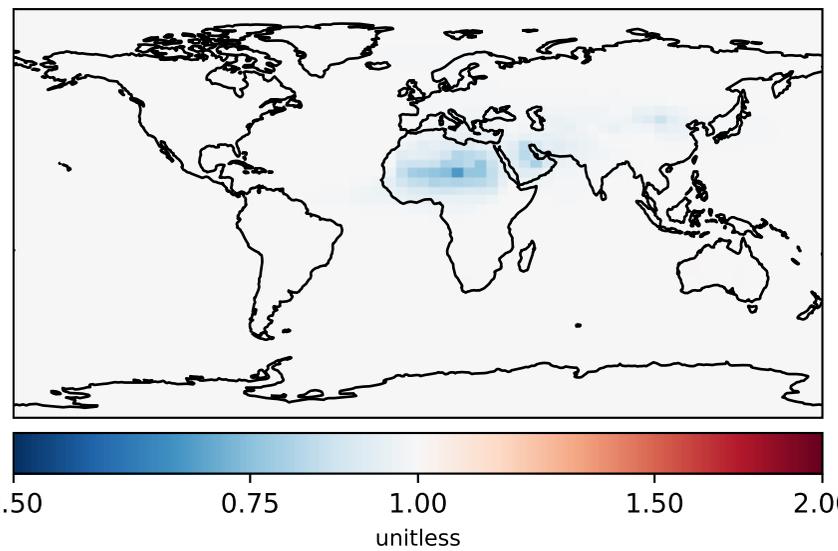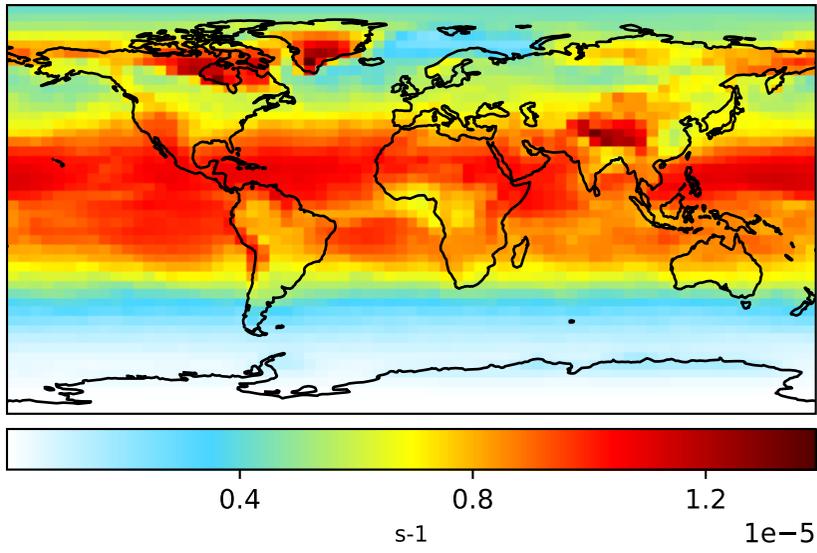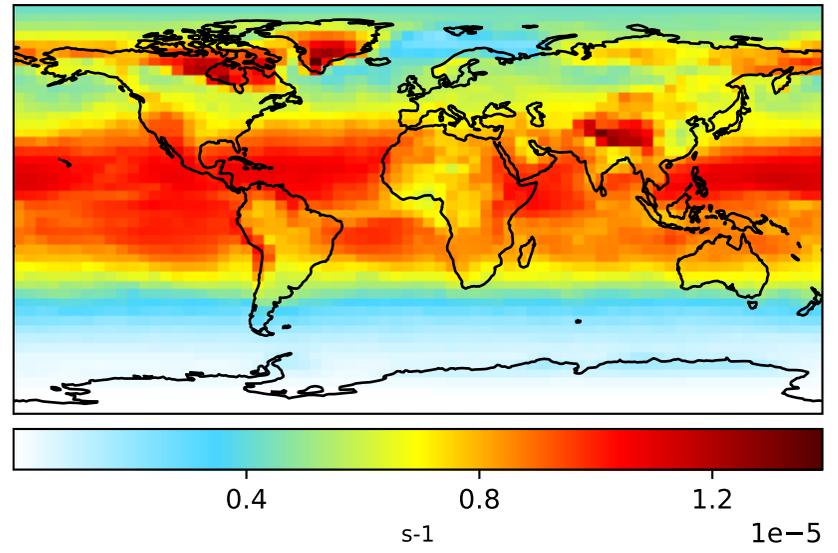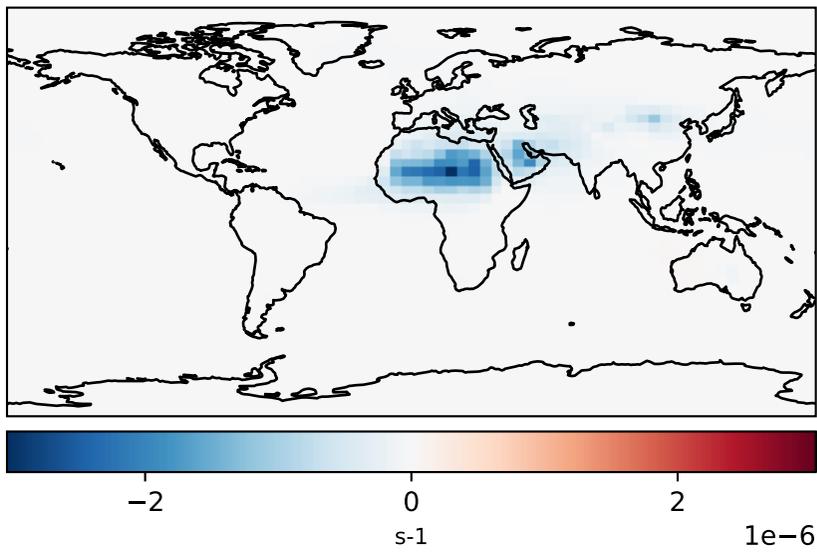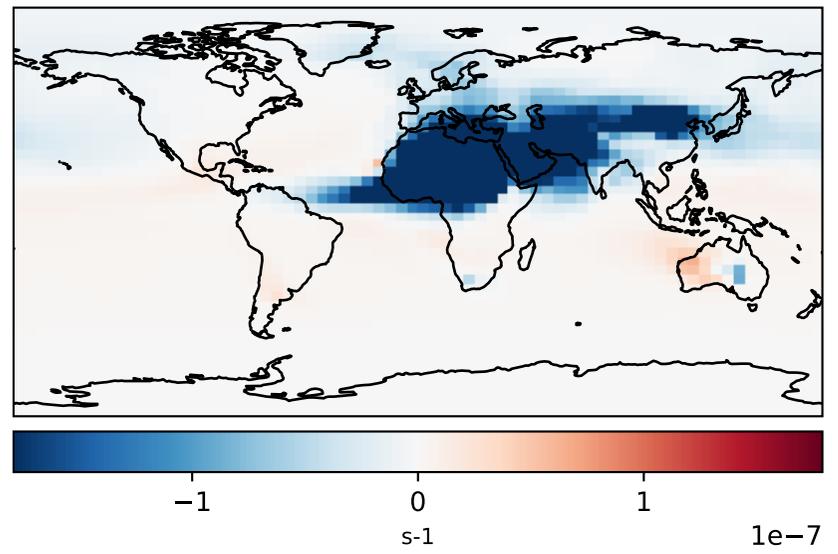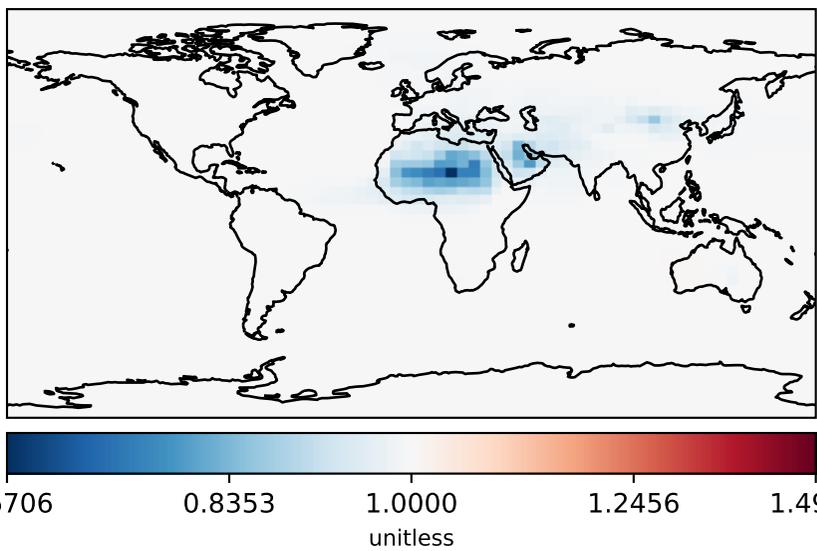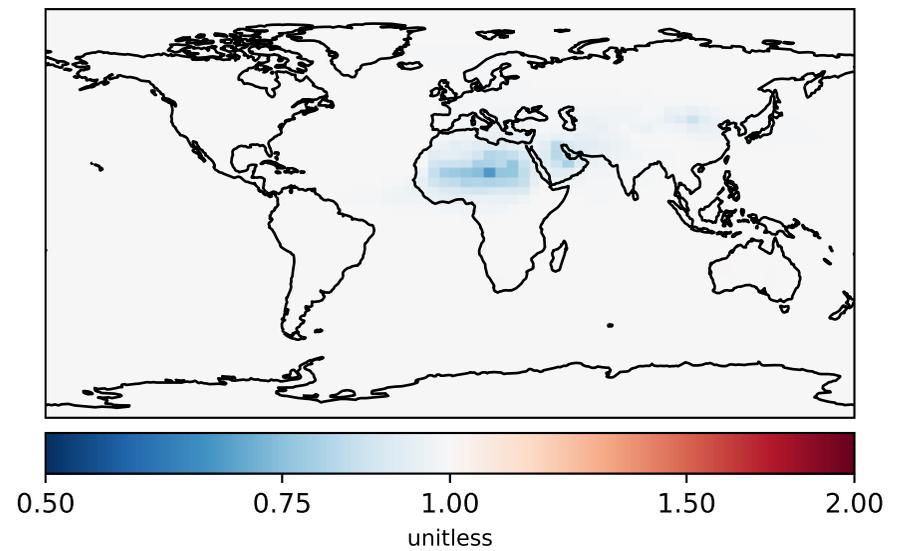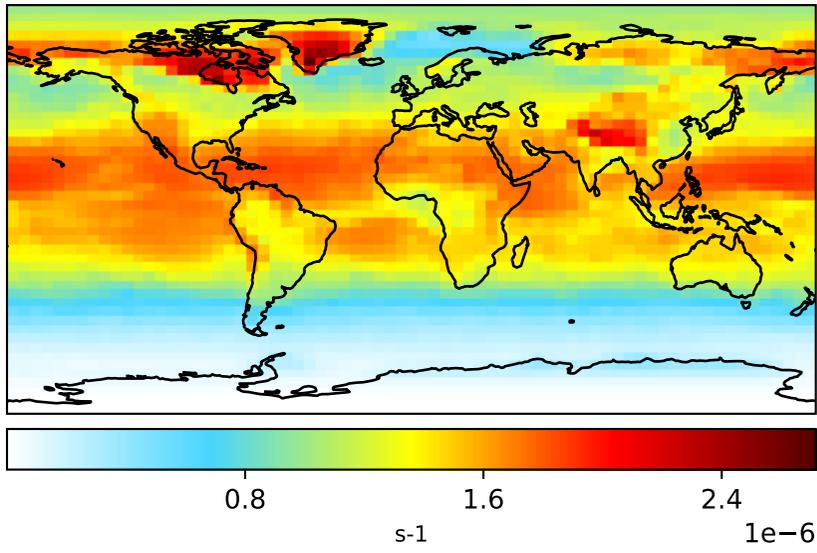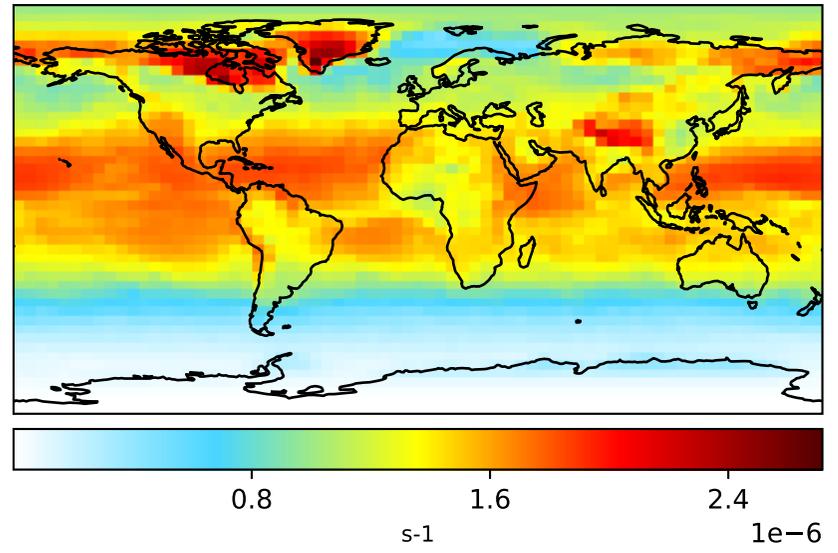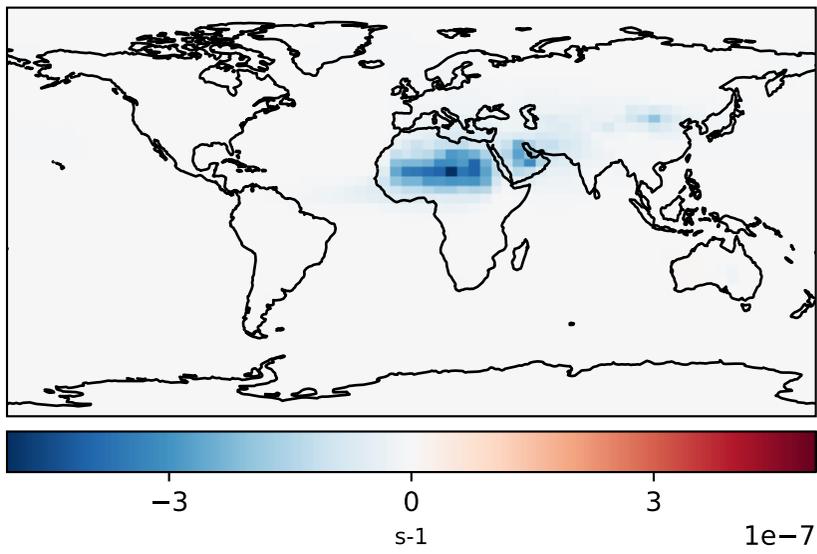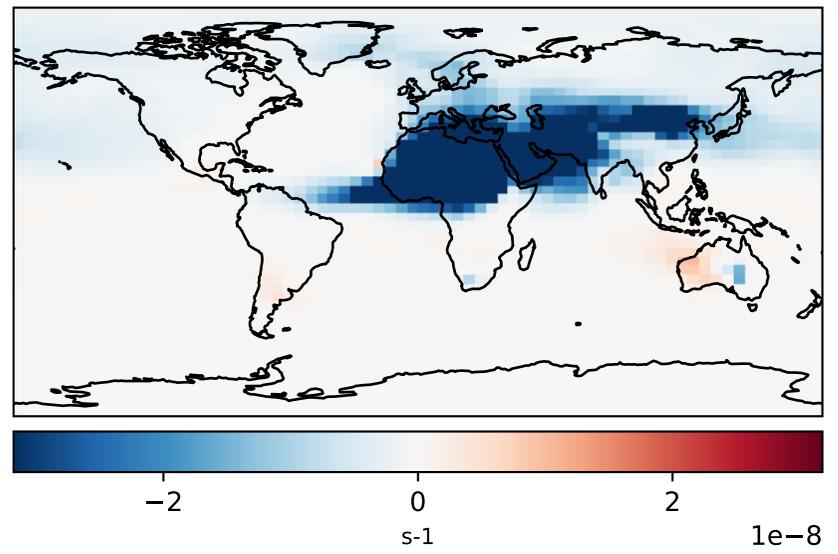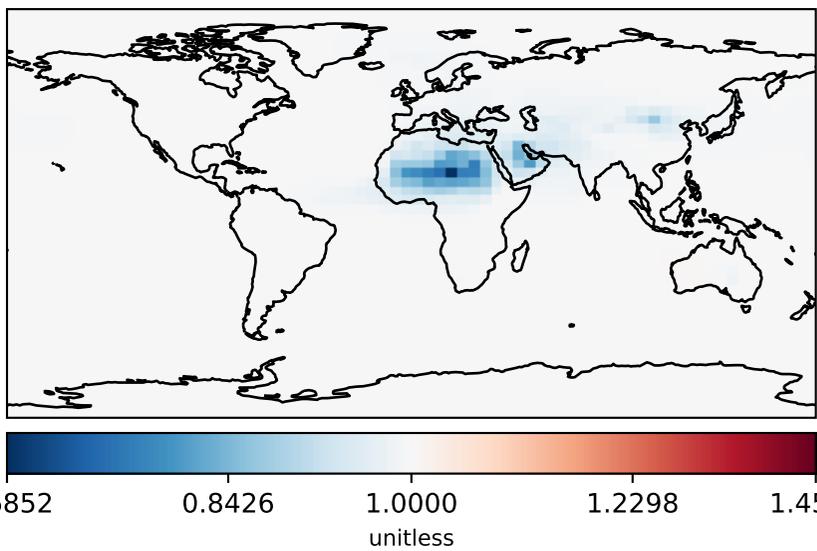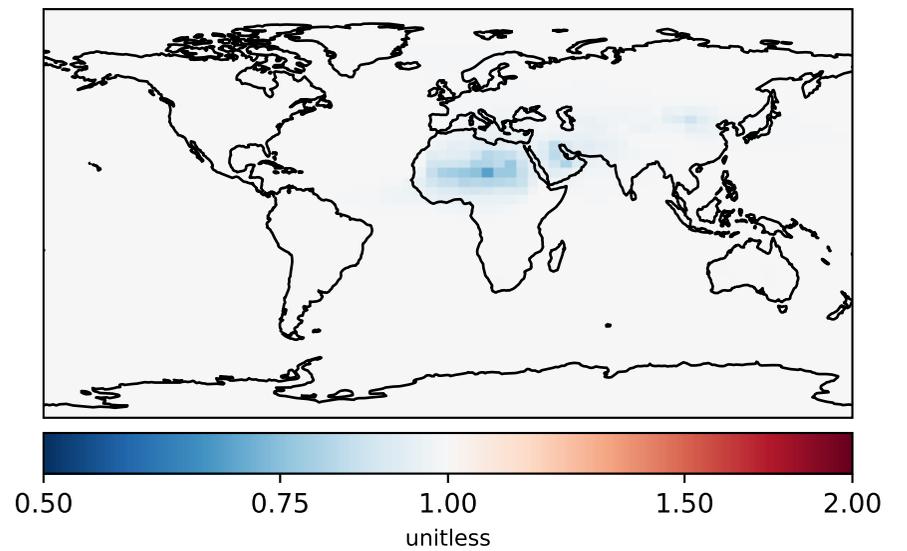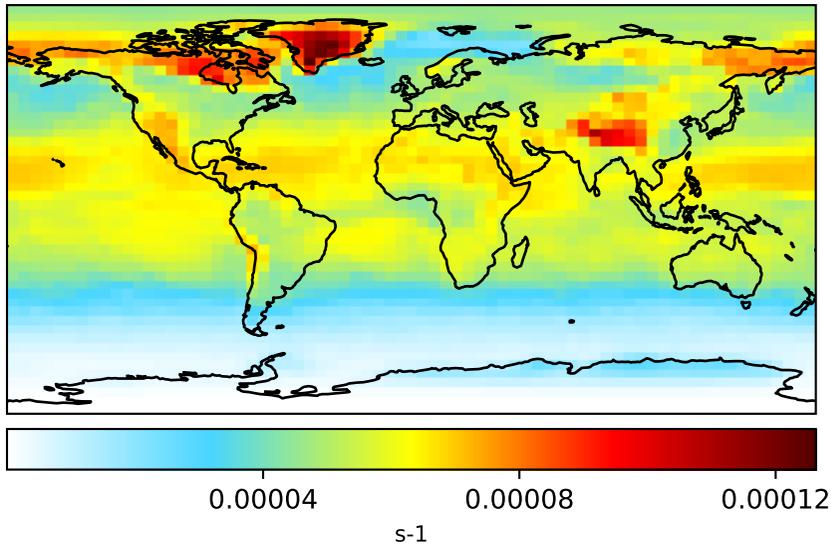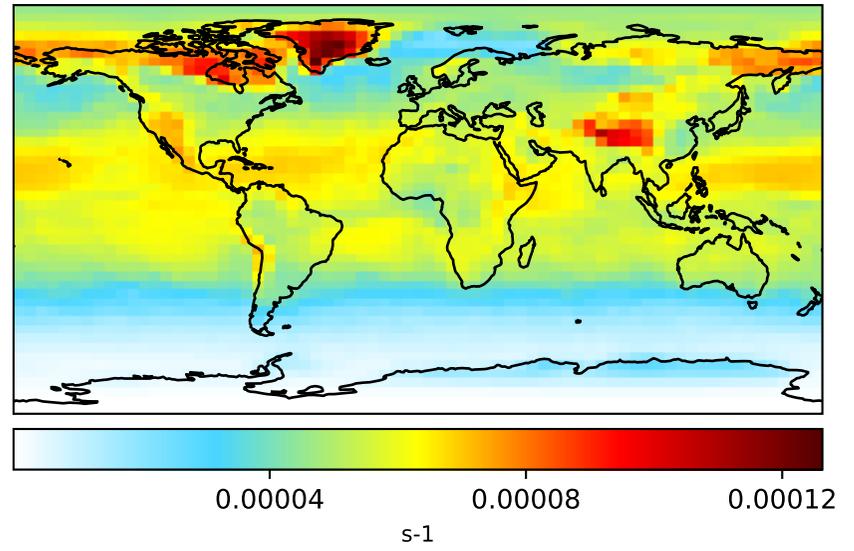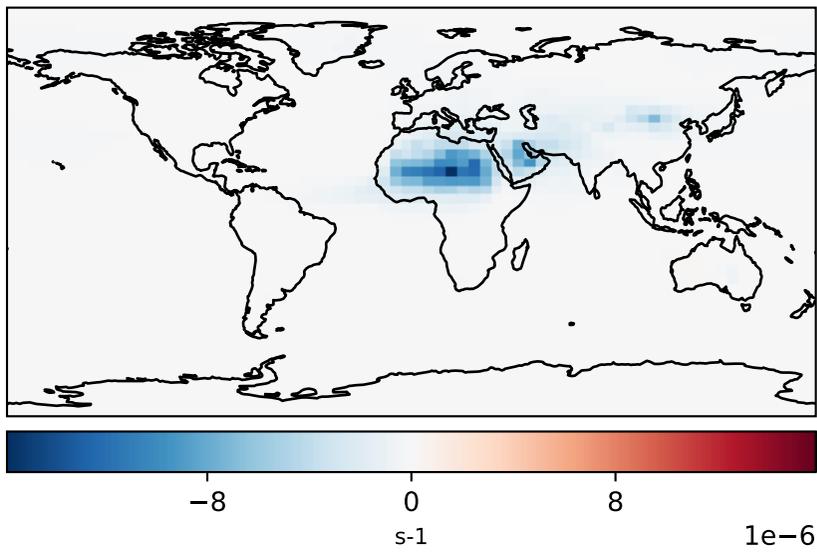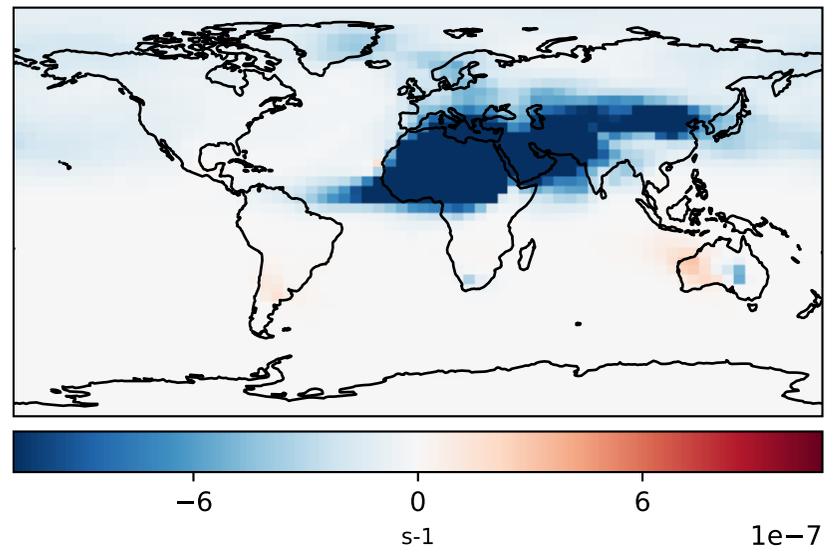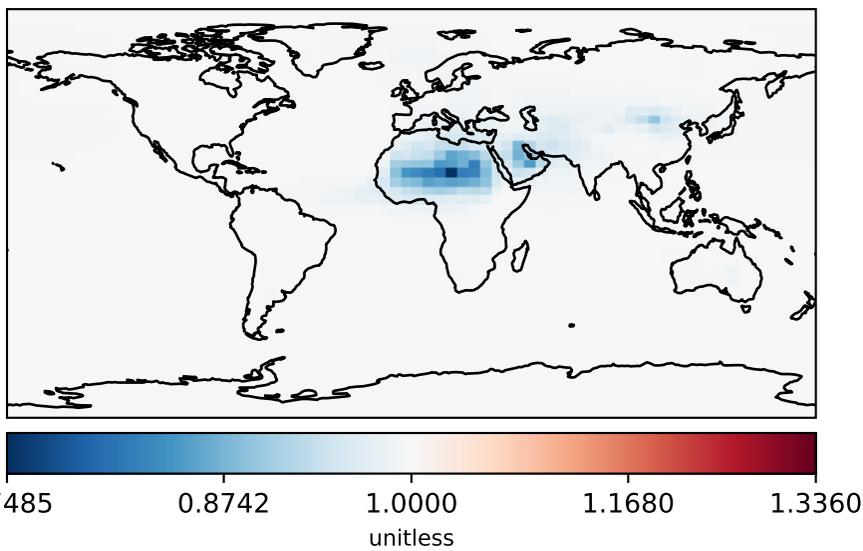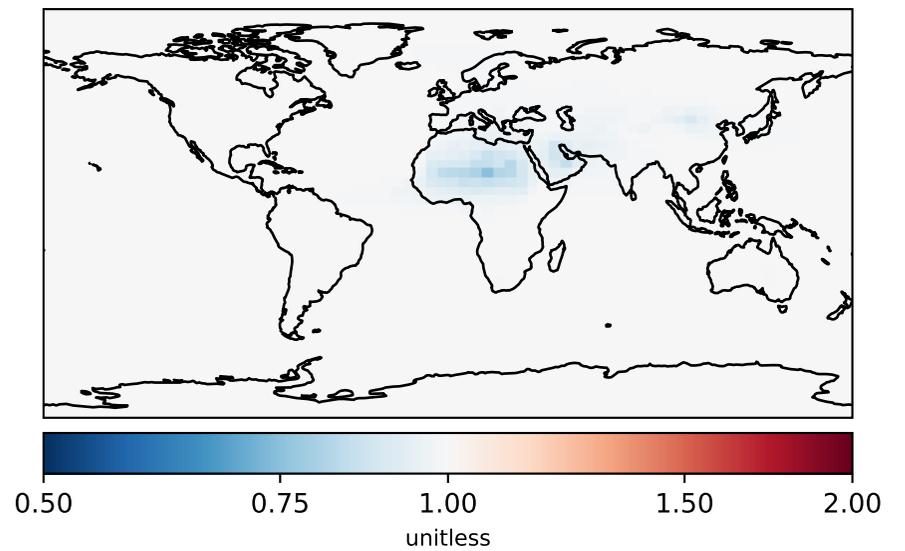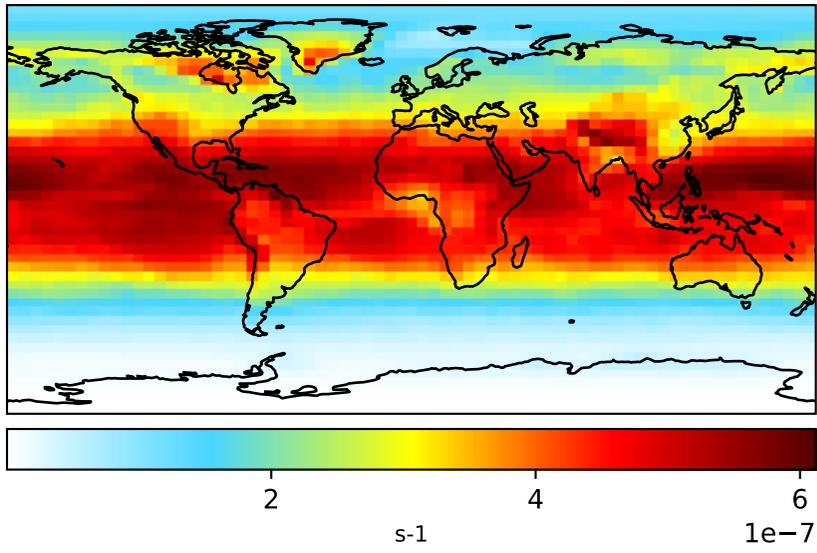Dev - Ref, Restricted Range [5%,95%]
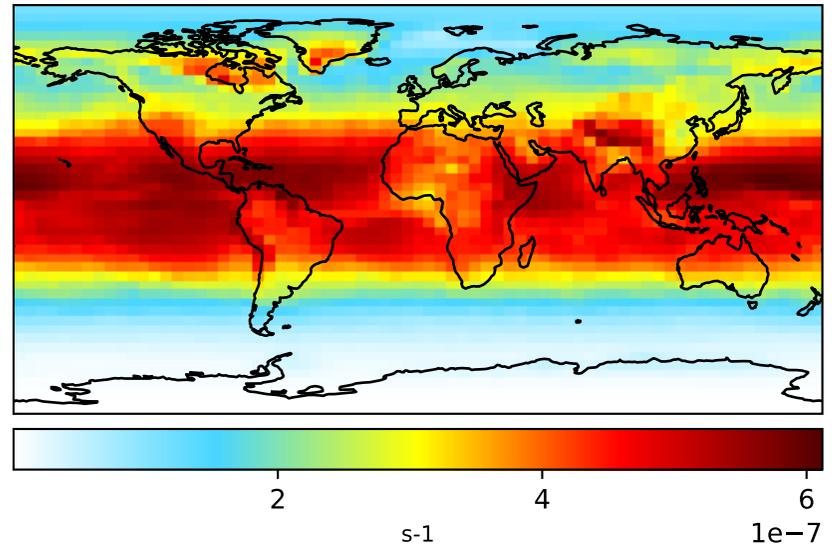
Ratio
Dev/Ref, Dynamic Range

Ratio
Dev/Ref, Fixed Range

Jval_PPN (Apr2019)

Jval_PROPNN (Apr2019)

Jval_PRPN (Apr2019)

Jval_PYAC (Apr2019)

Jval_R4N2 (Apr2019)

Jval_R4P (Apr2019)

Jval_RA3P (Apr2019)

Jval_RB3P (Apr2019)

Jval_RCHO (Apr2019)

Jval_RIPA (Apr2019)

Jval_RIPB (Apr2019)

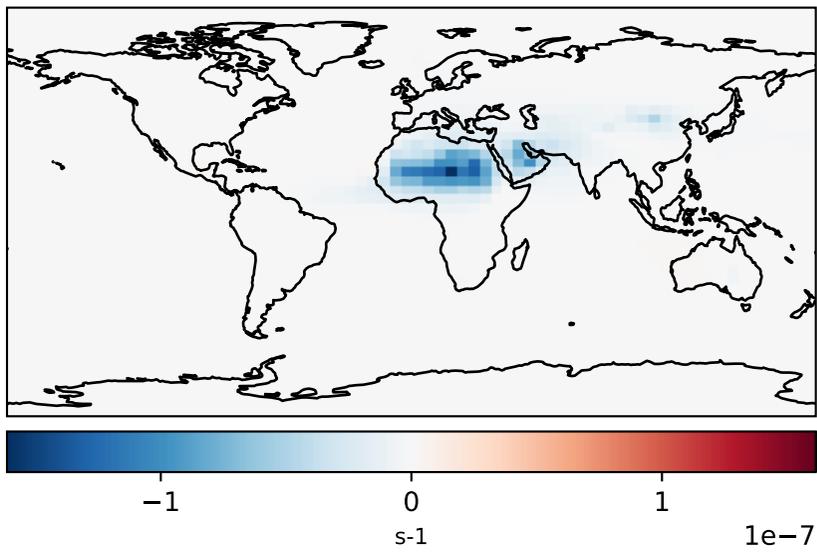# Jval_RIPC (Apr2019)

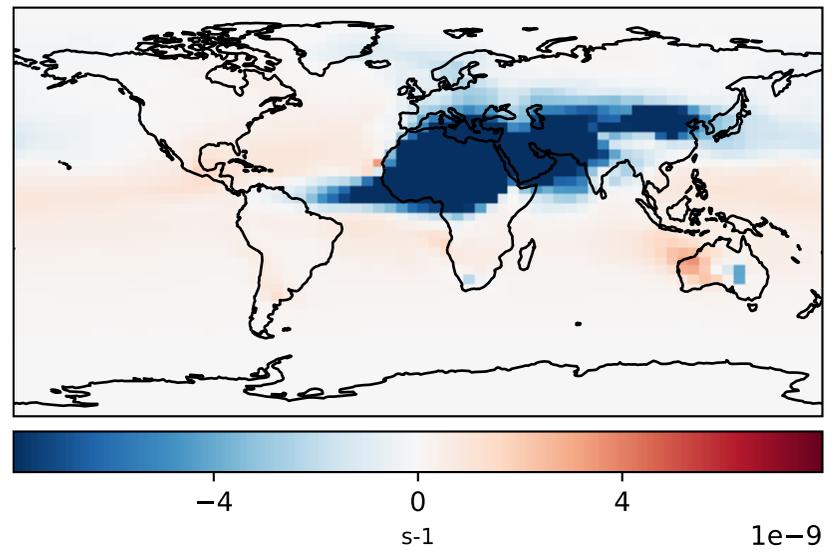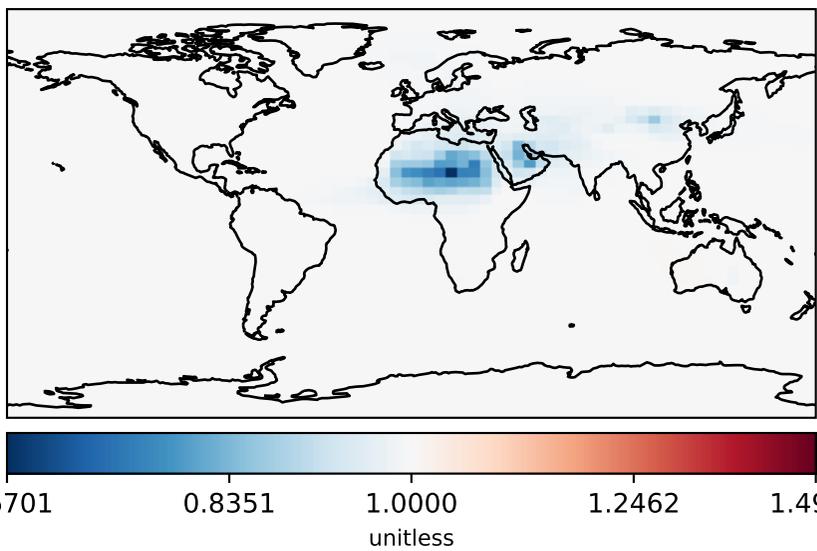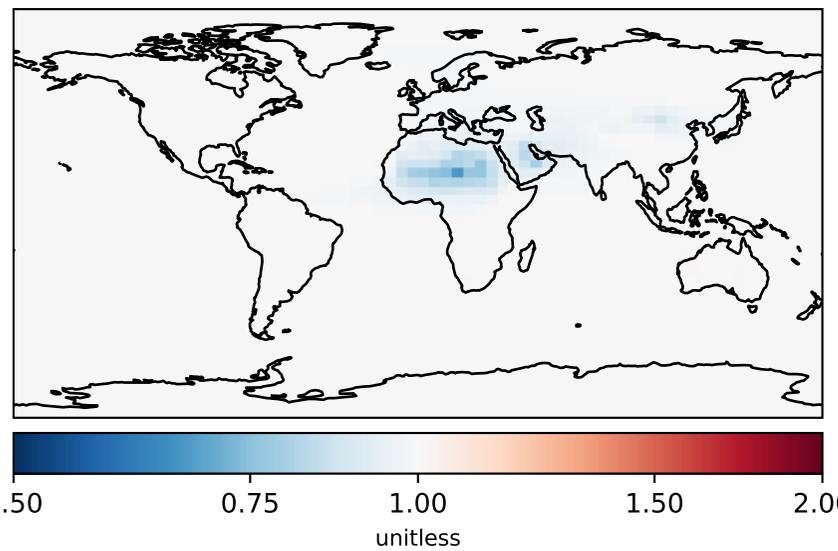# Jval_RIPD (Apr2019)

gcc.14.5.0-rc.0 (Ref)
4.0x5.0

gcc.14.7.0-rc.0 (Dev)
4.0x5.0

Difference
Dev - Ref, Dynamic Range

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

Ratio
Dev/Ref, Dynamic Range

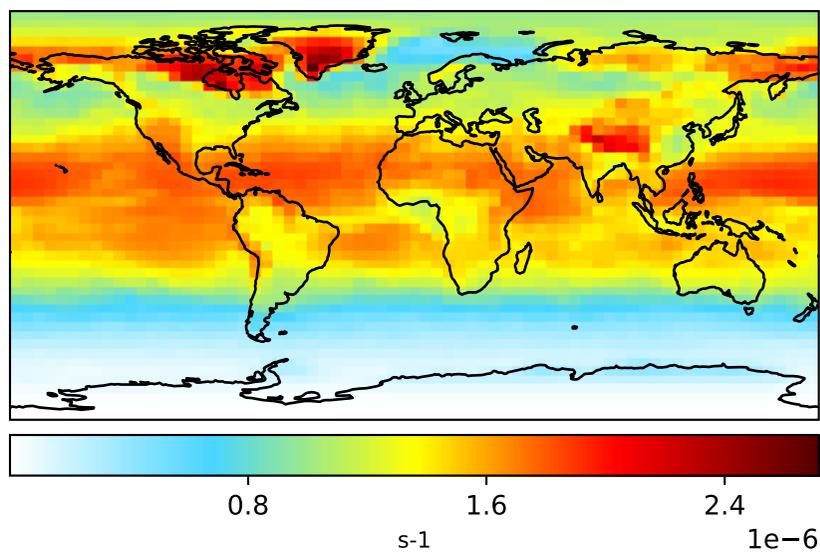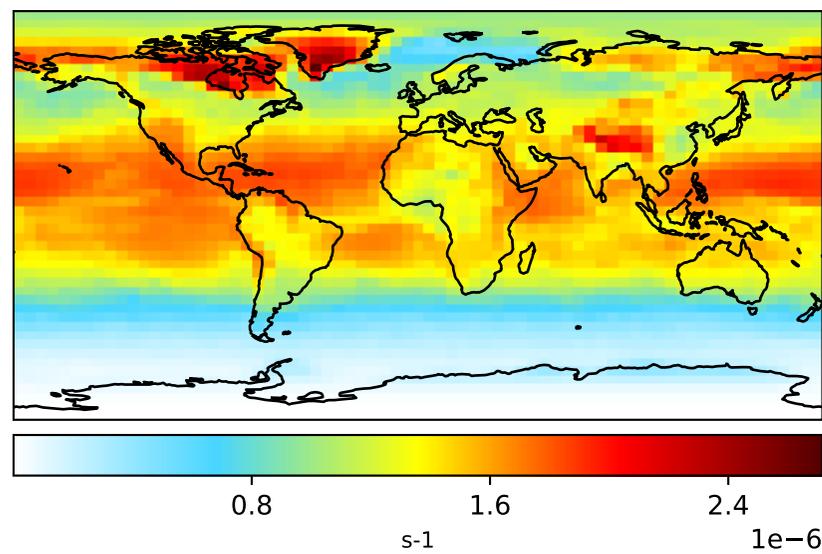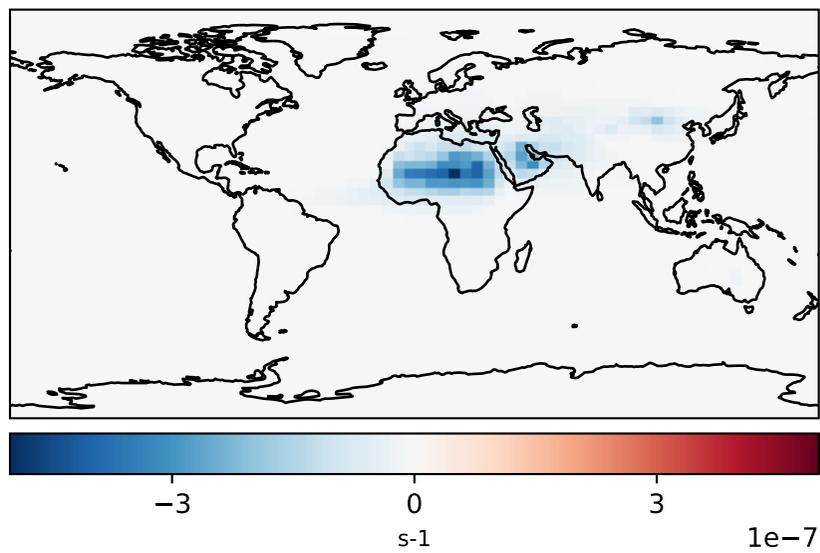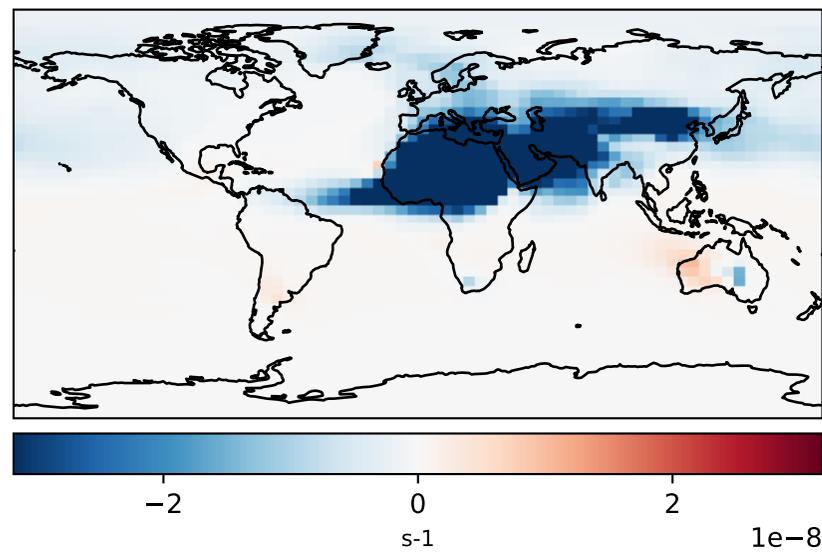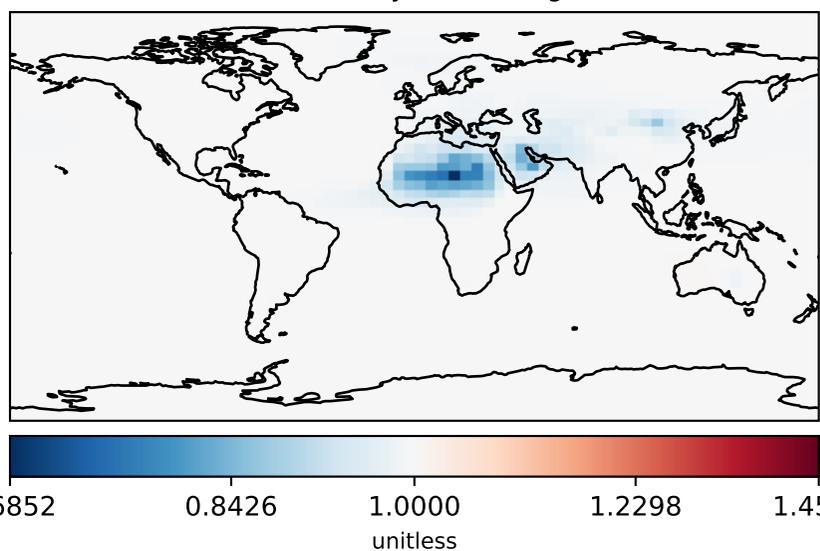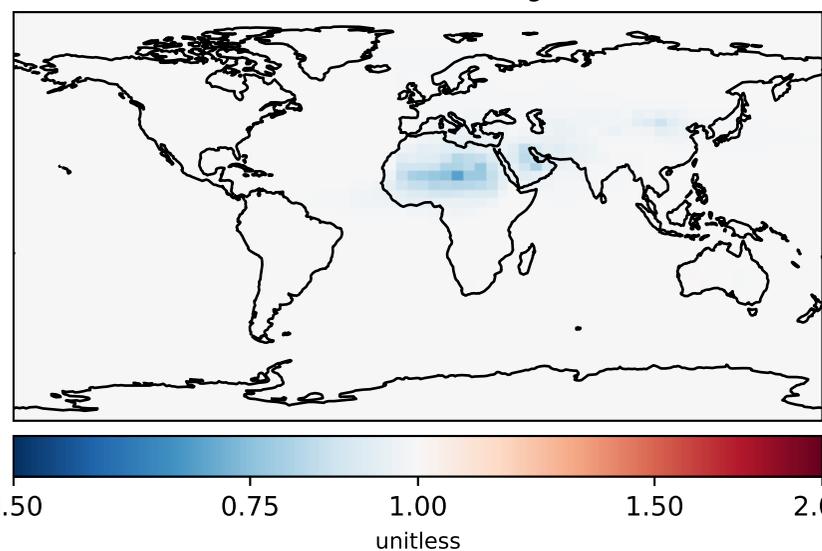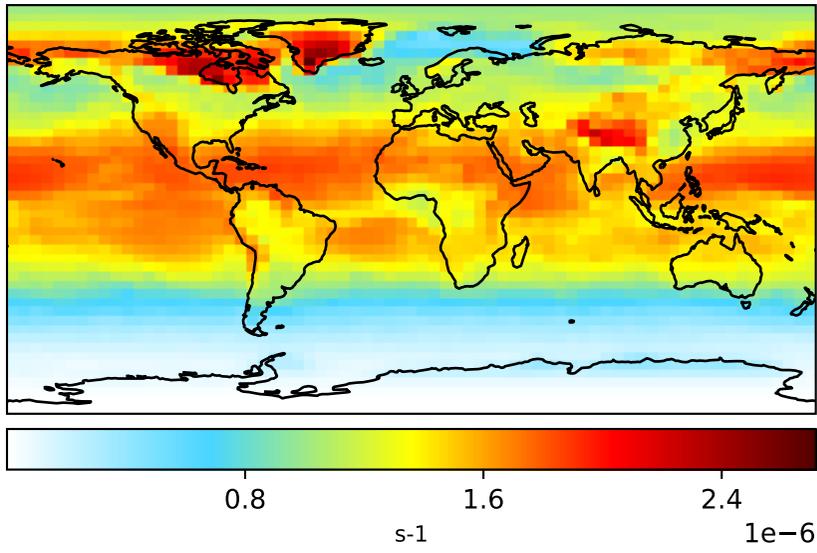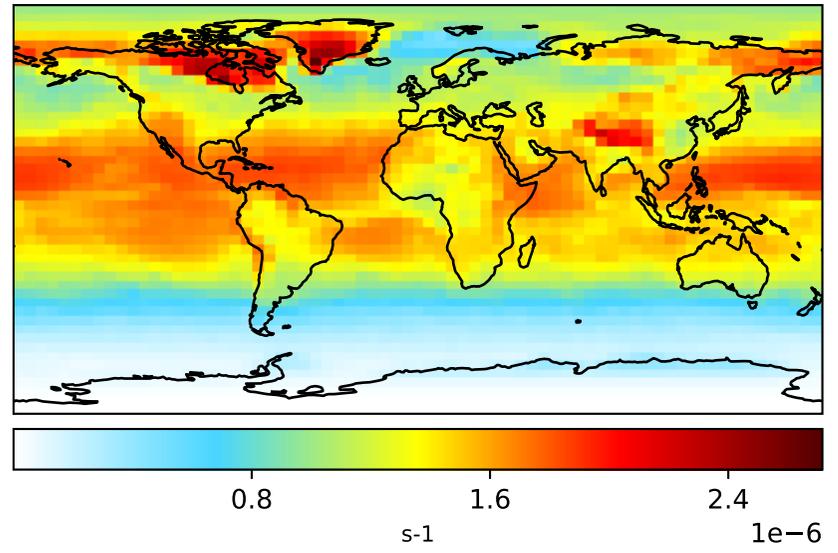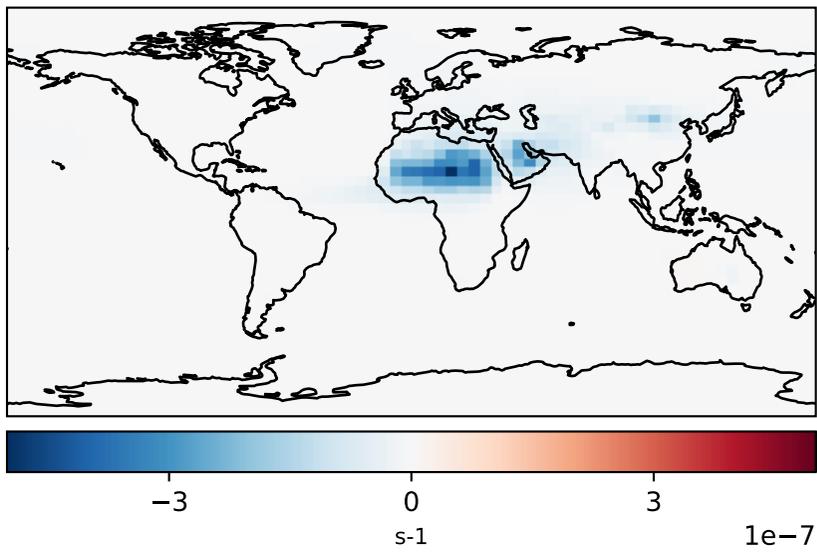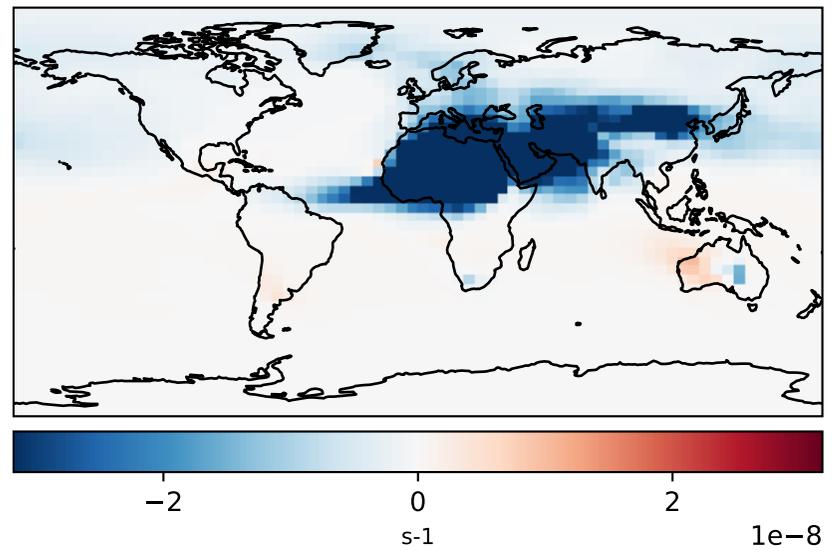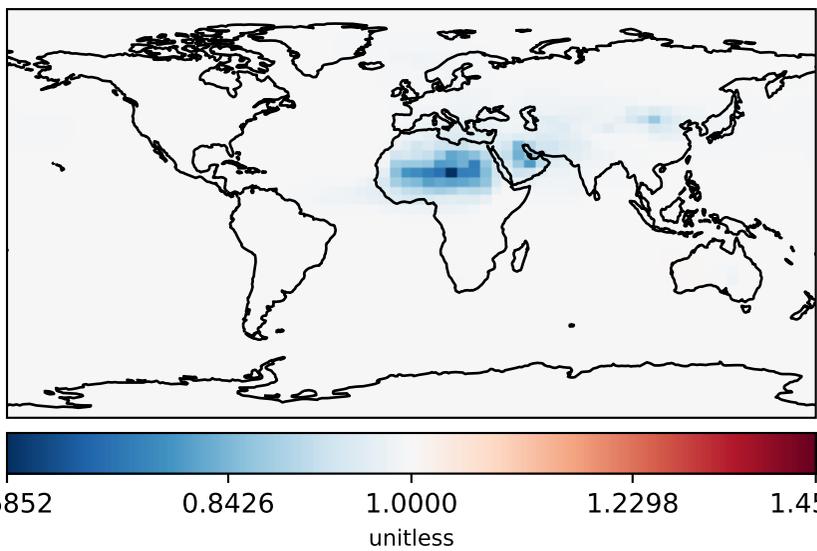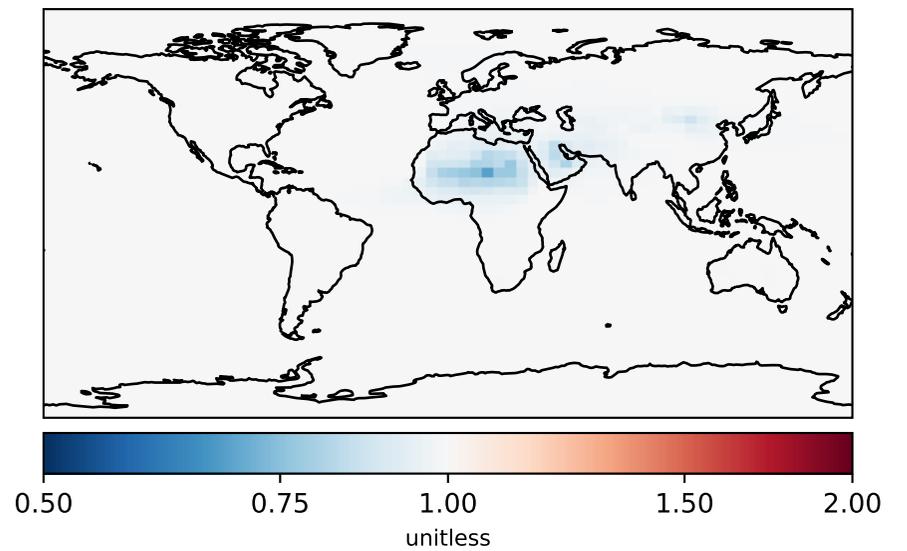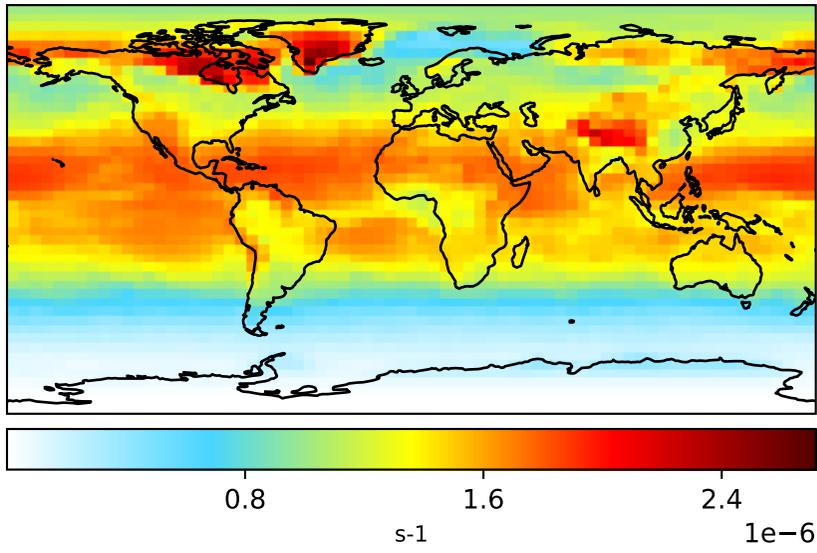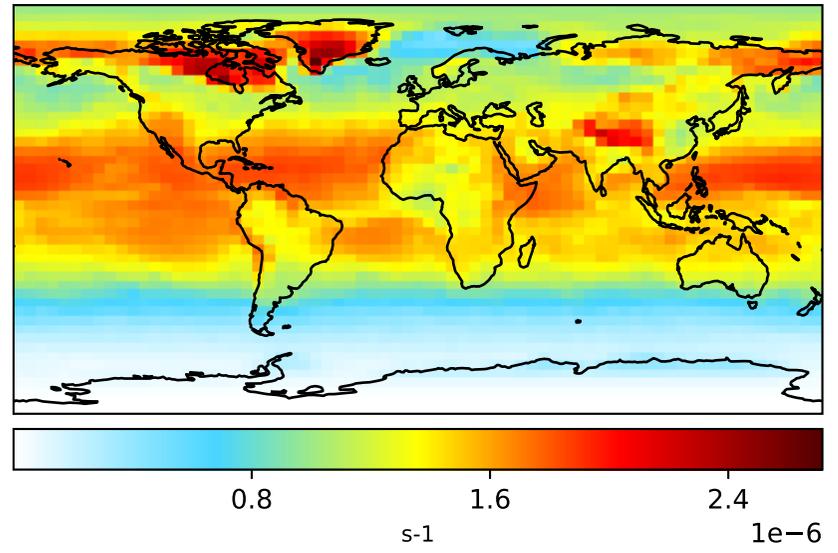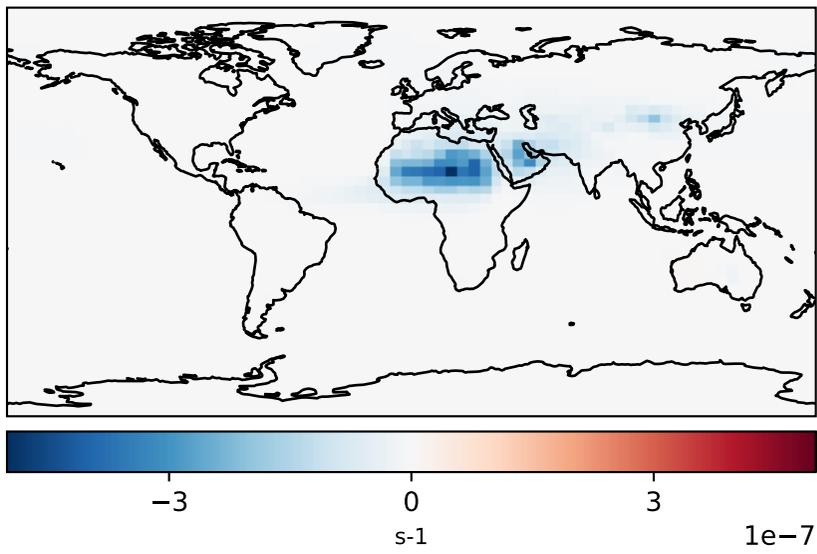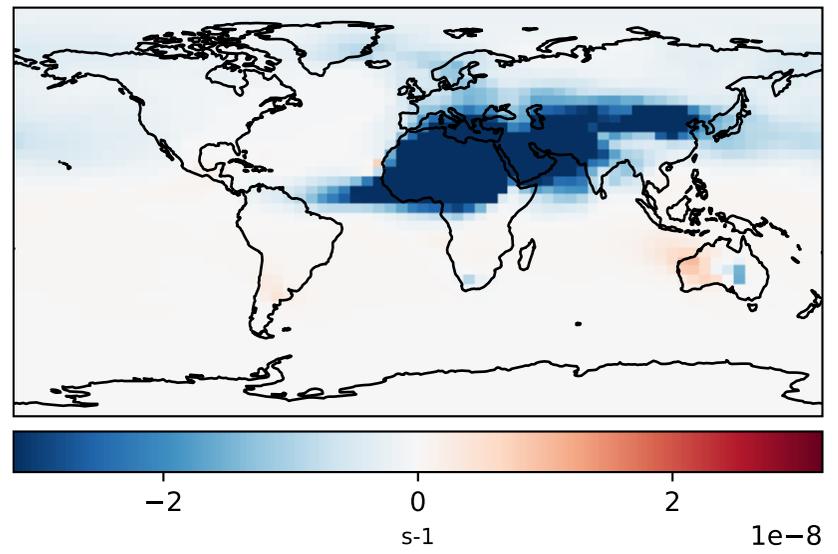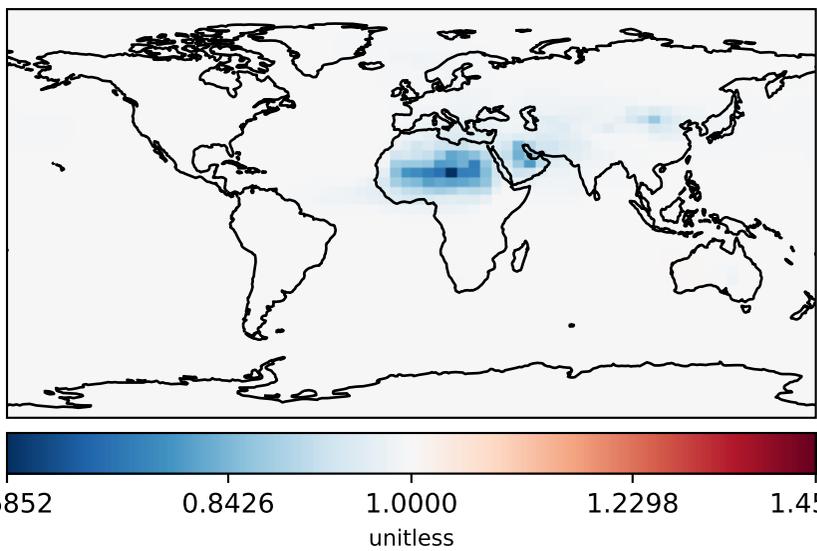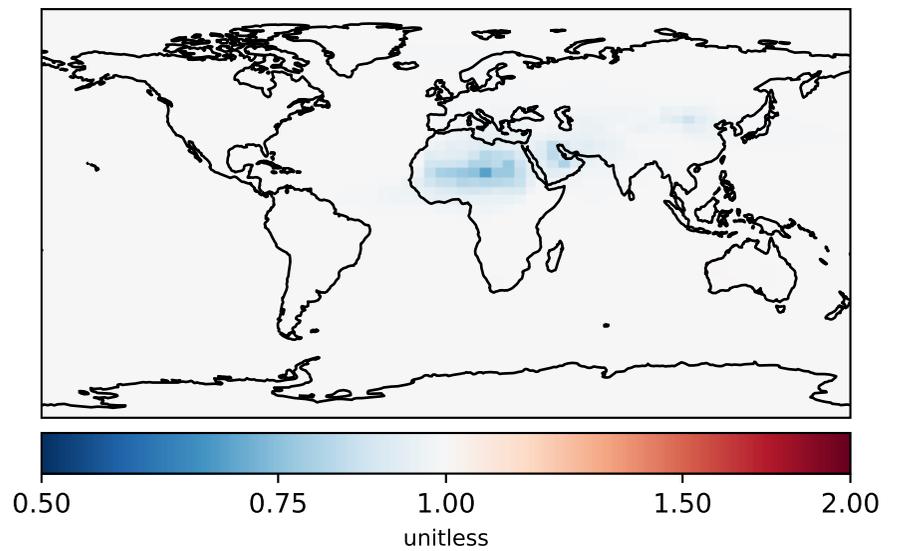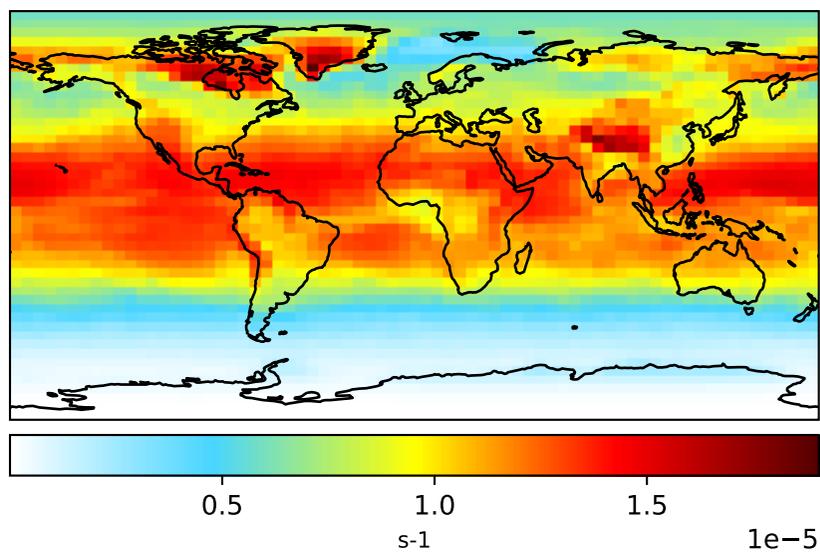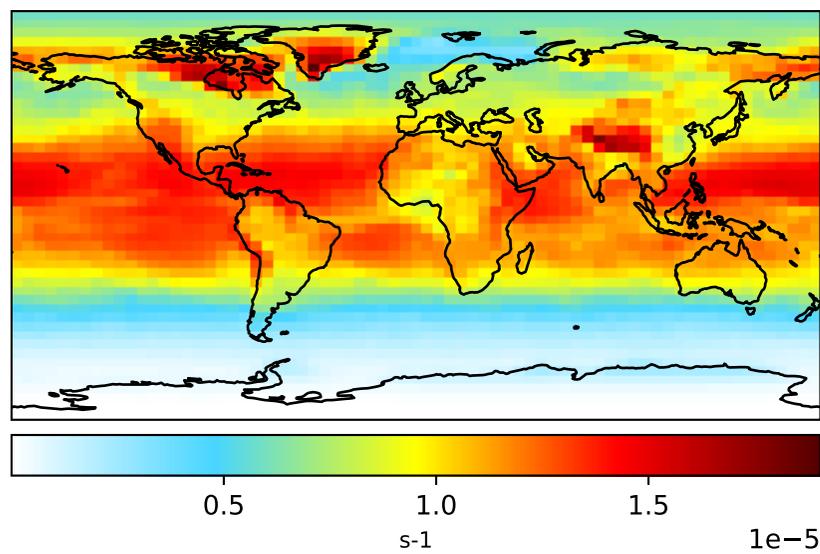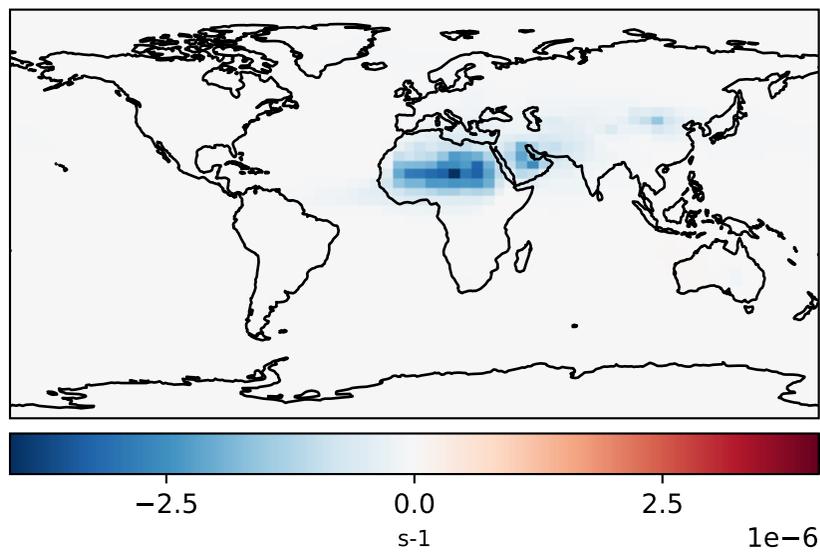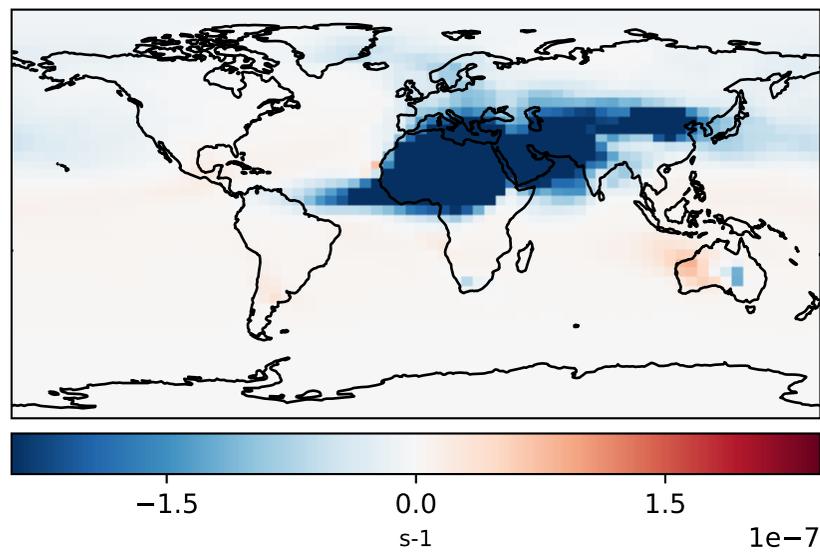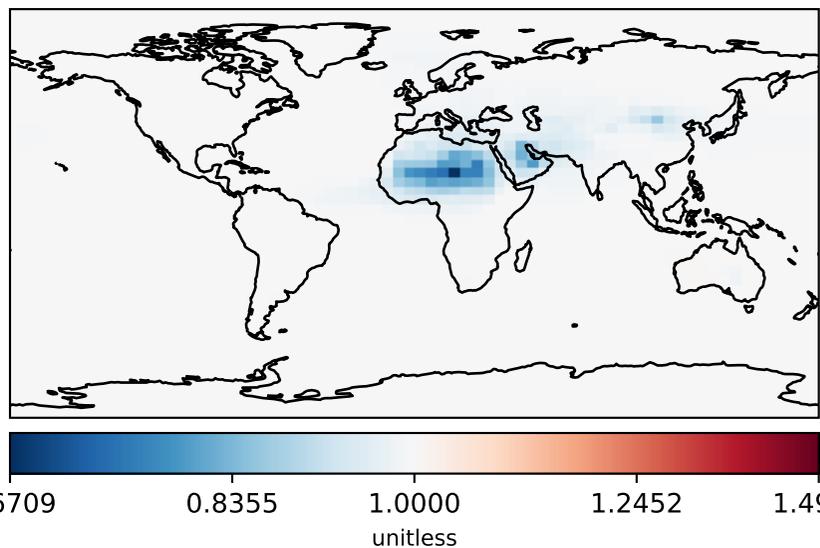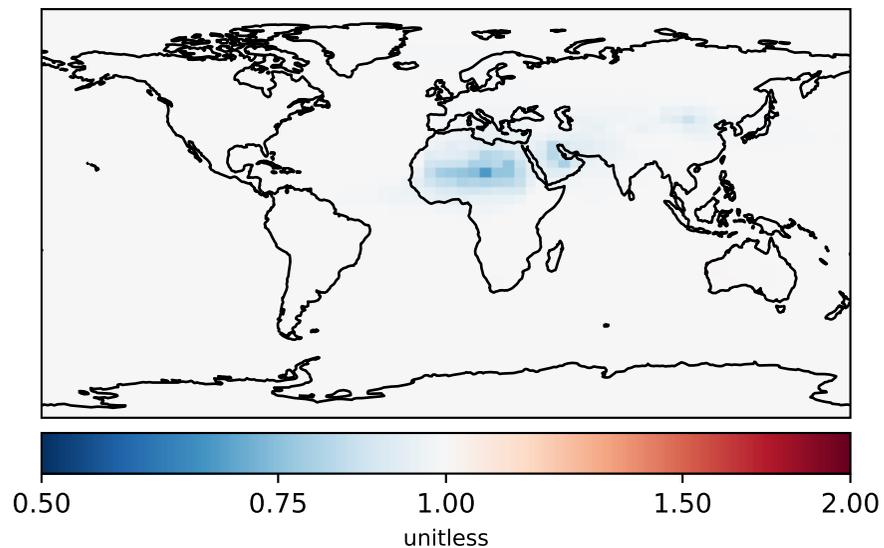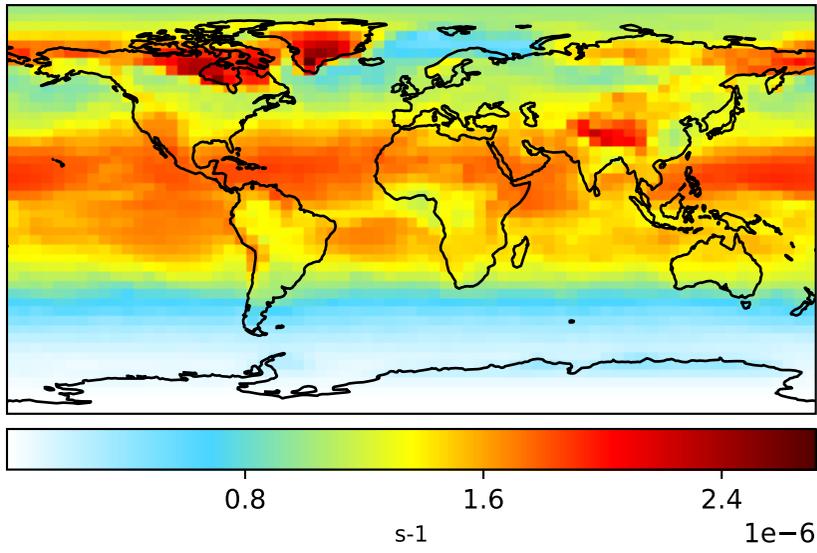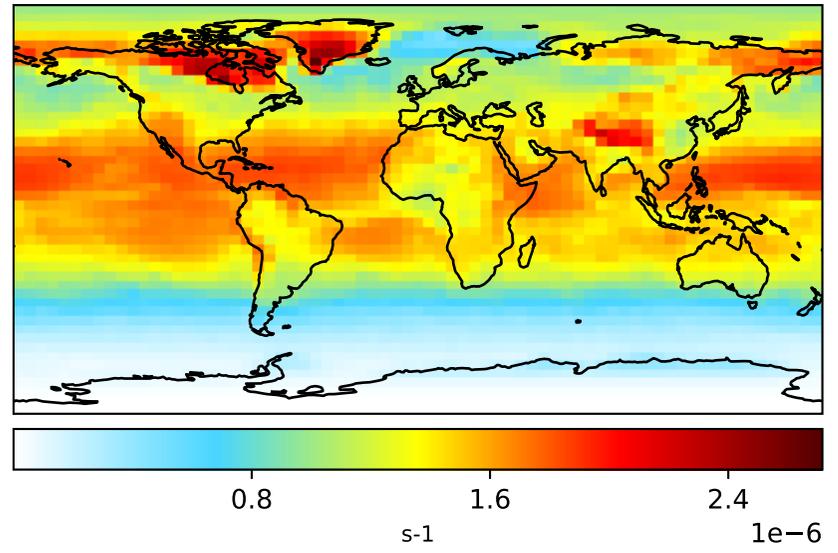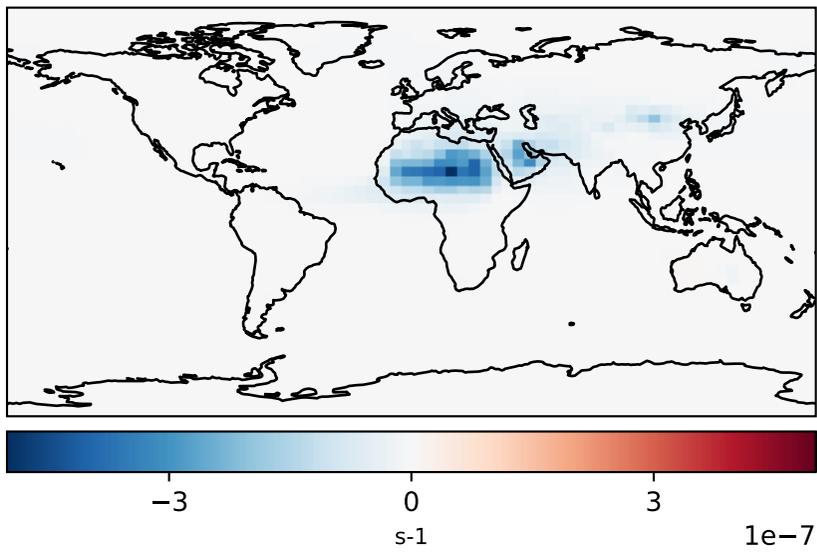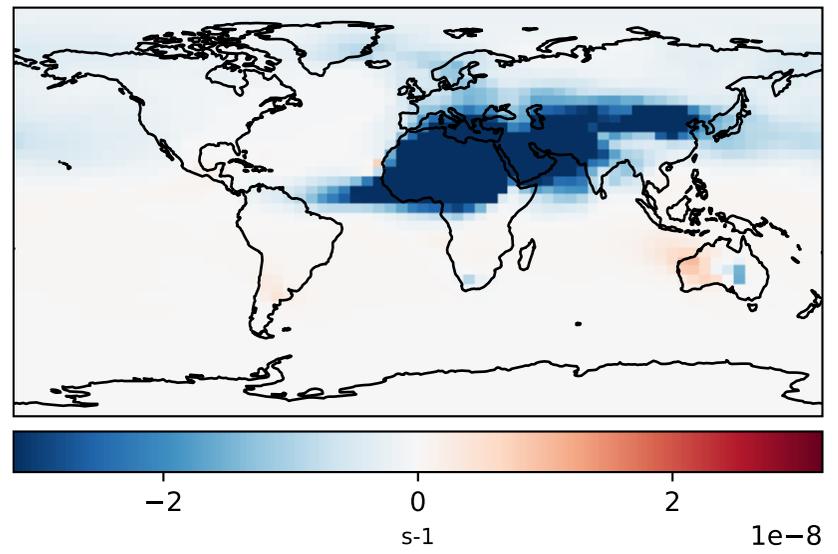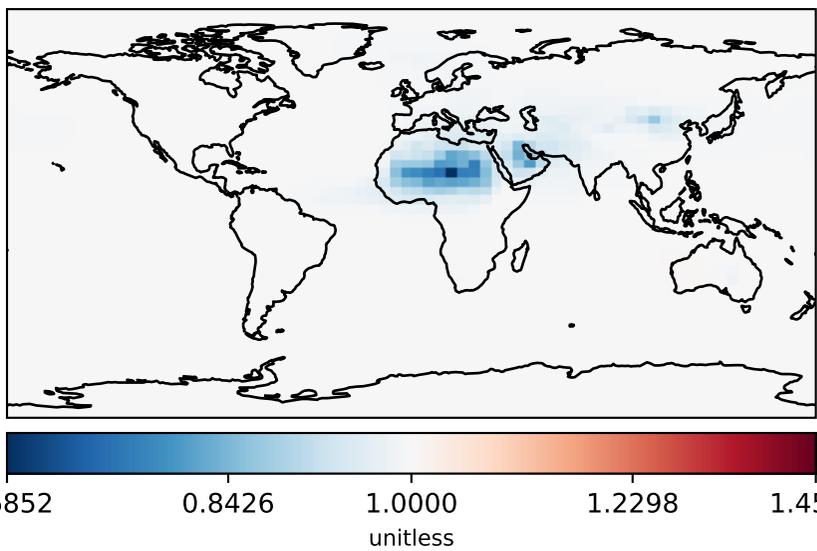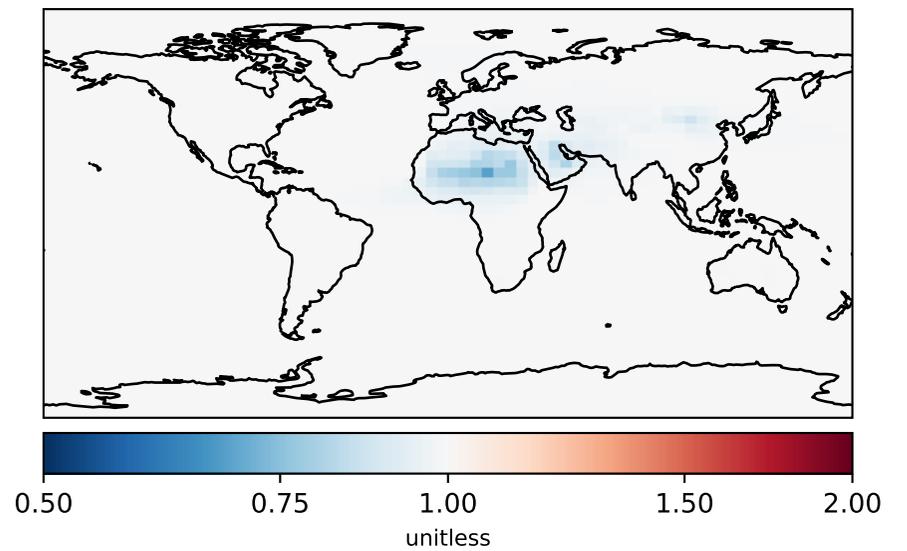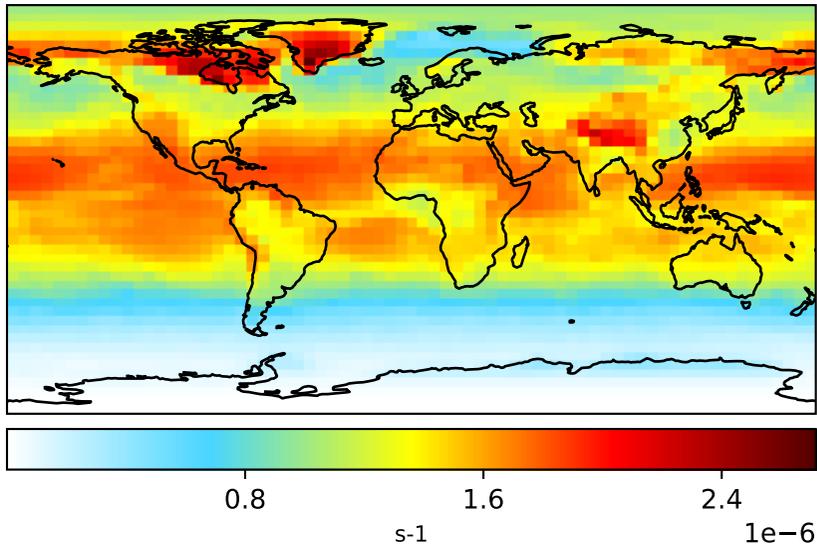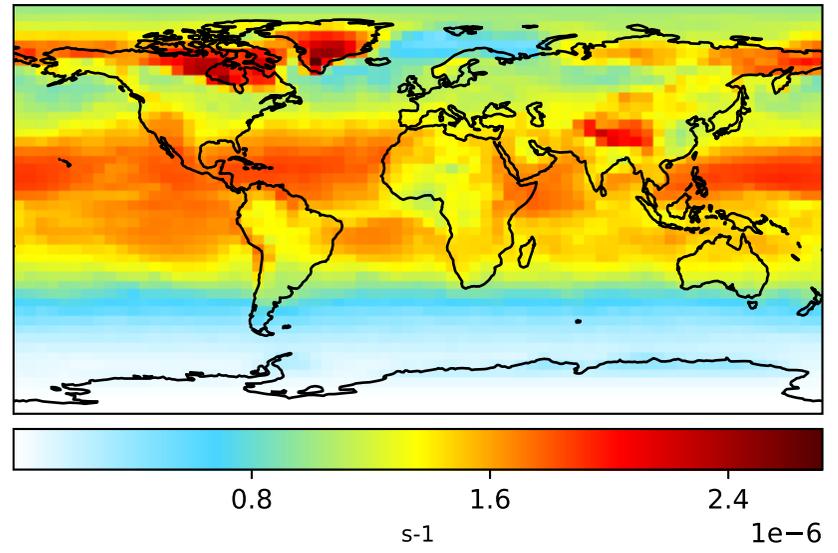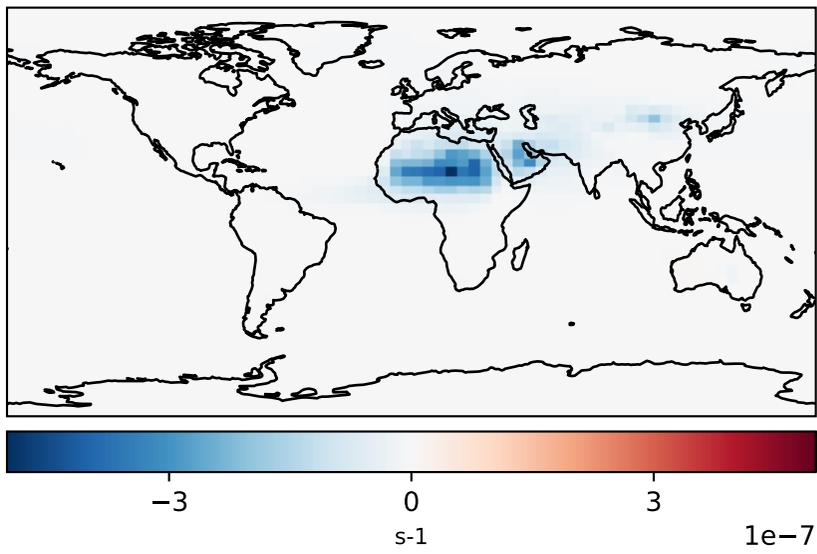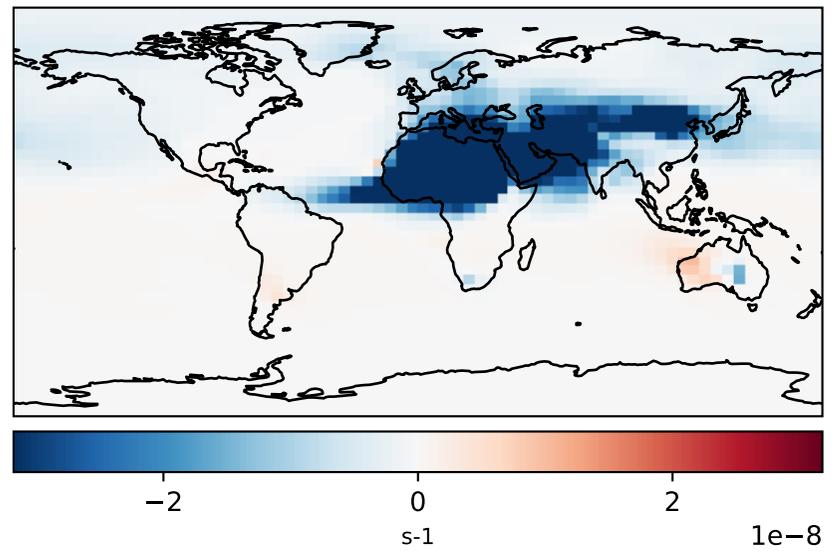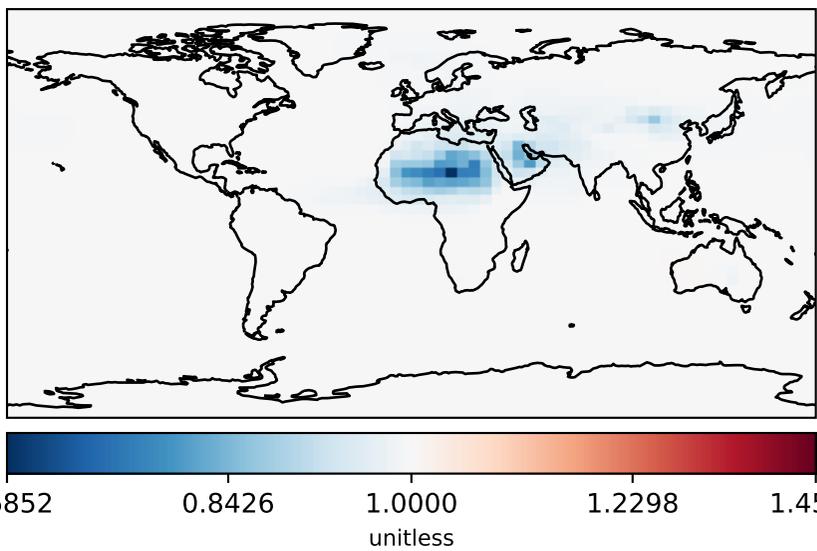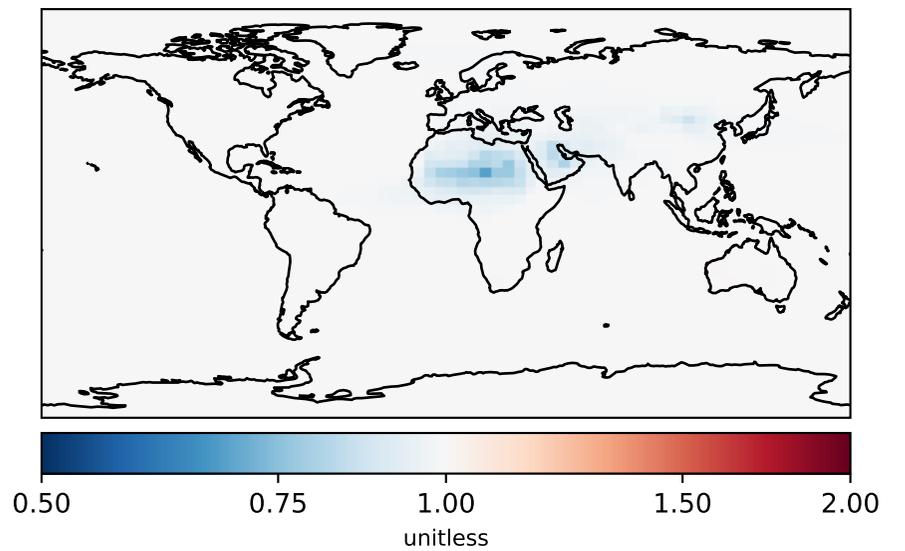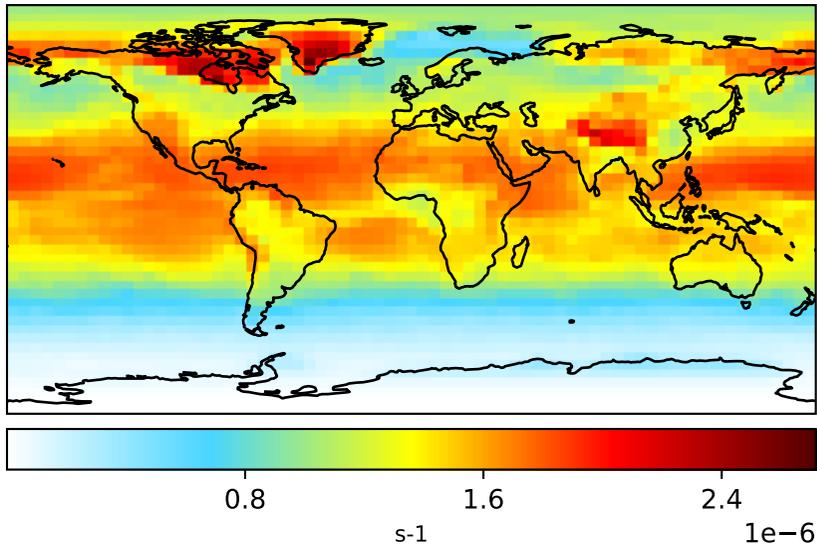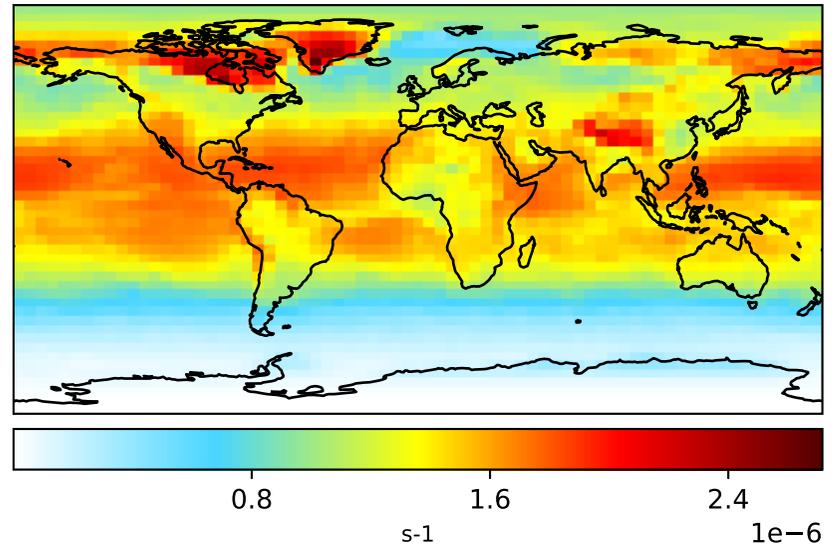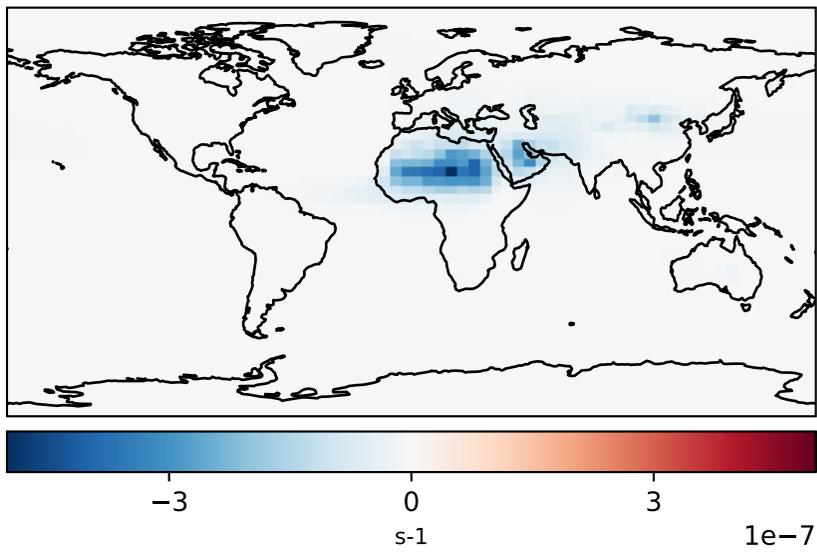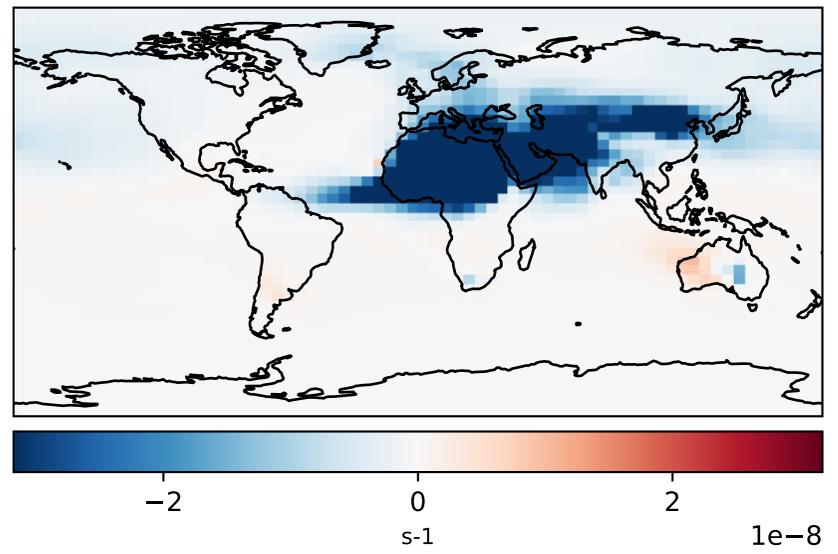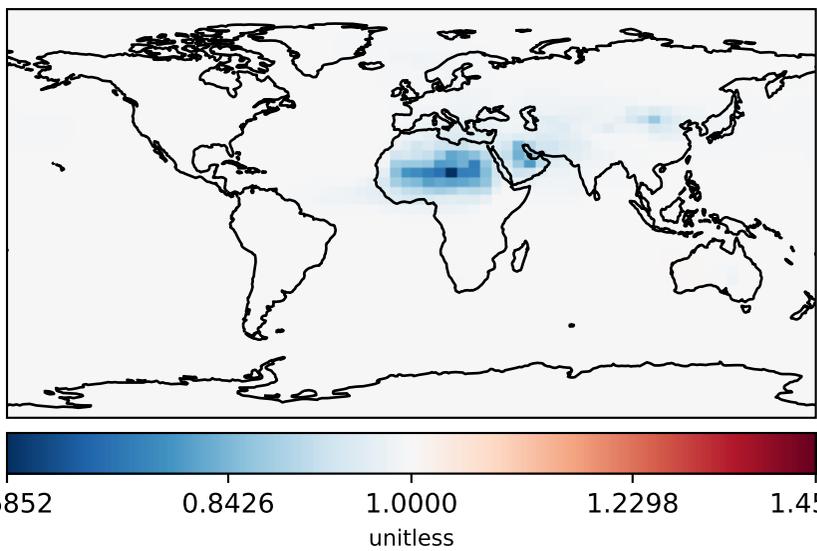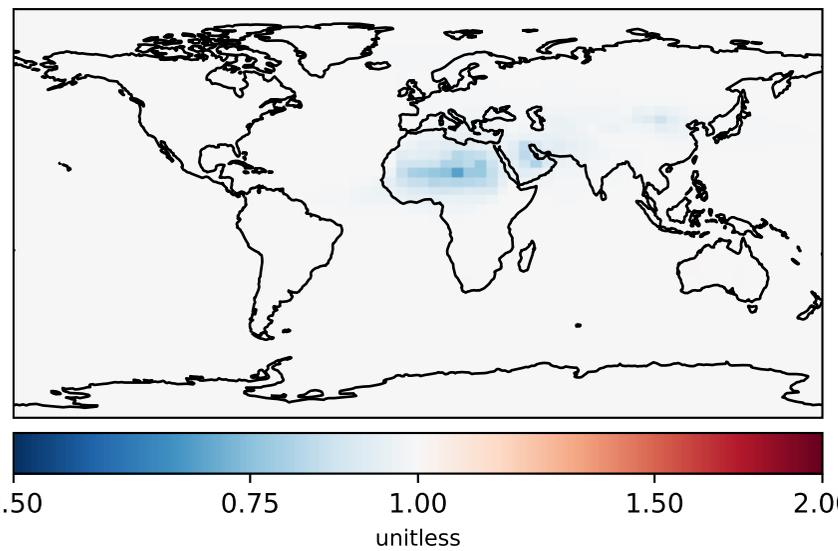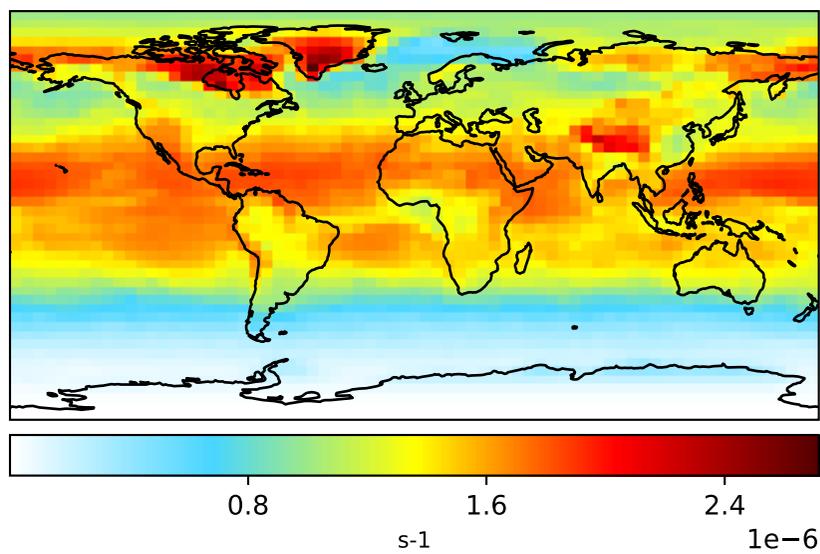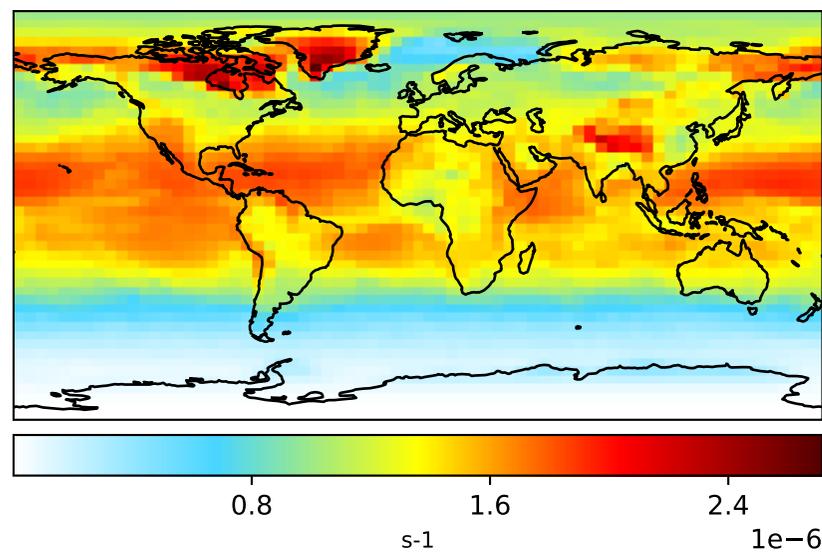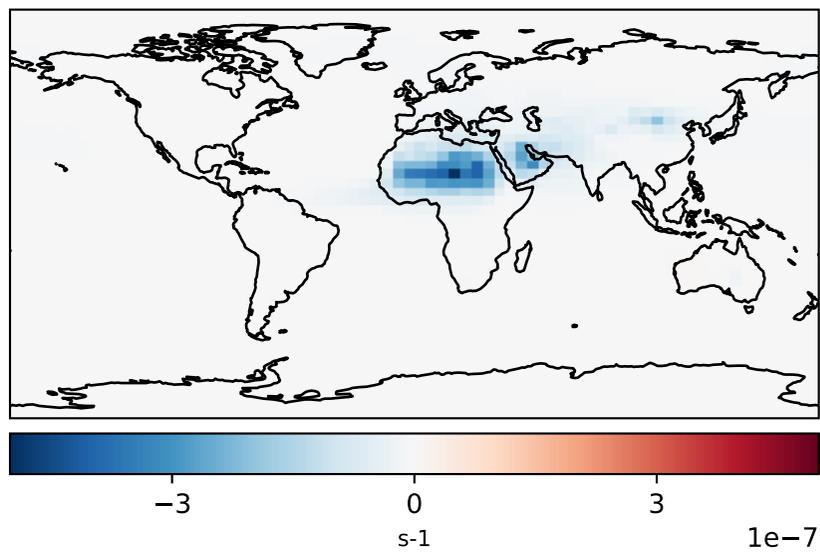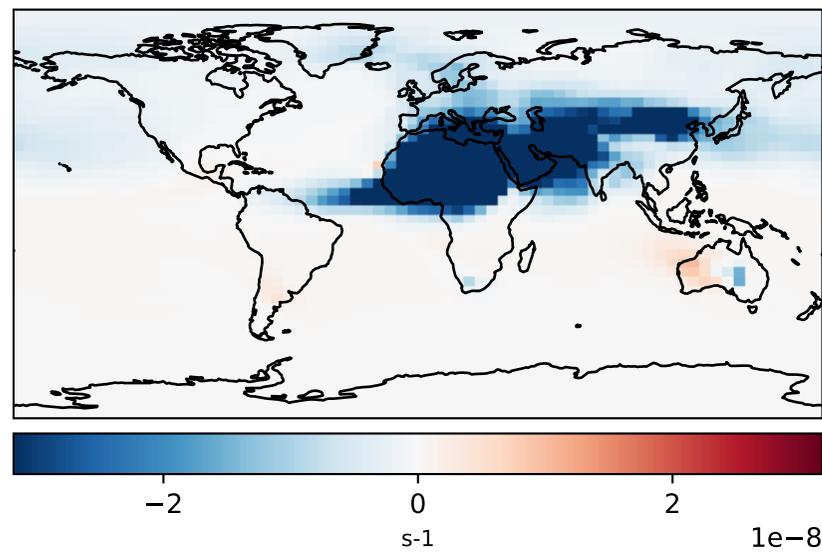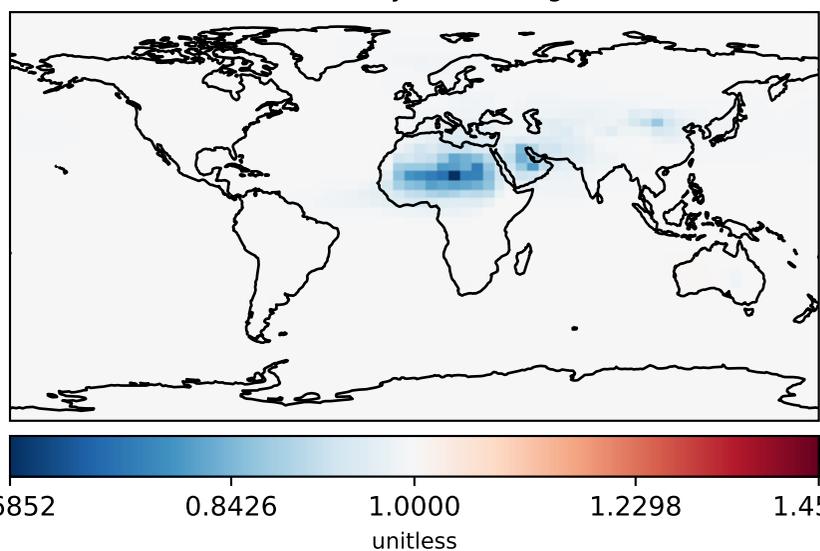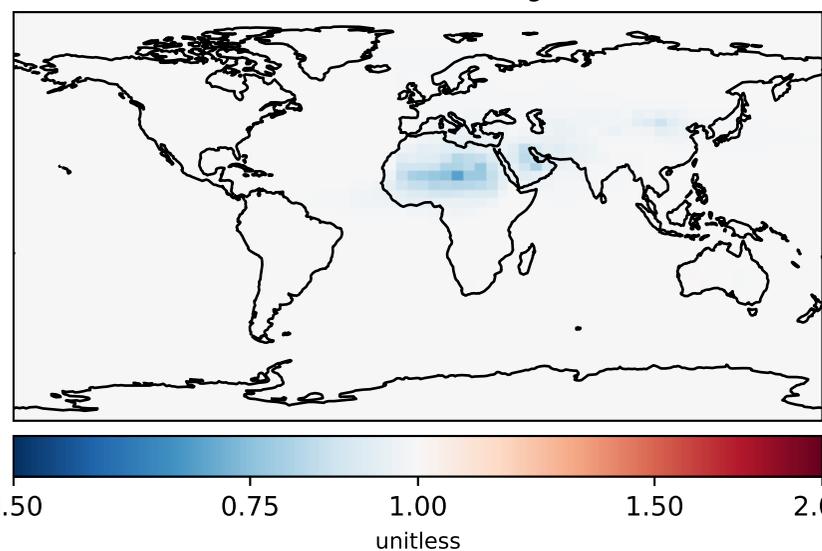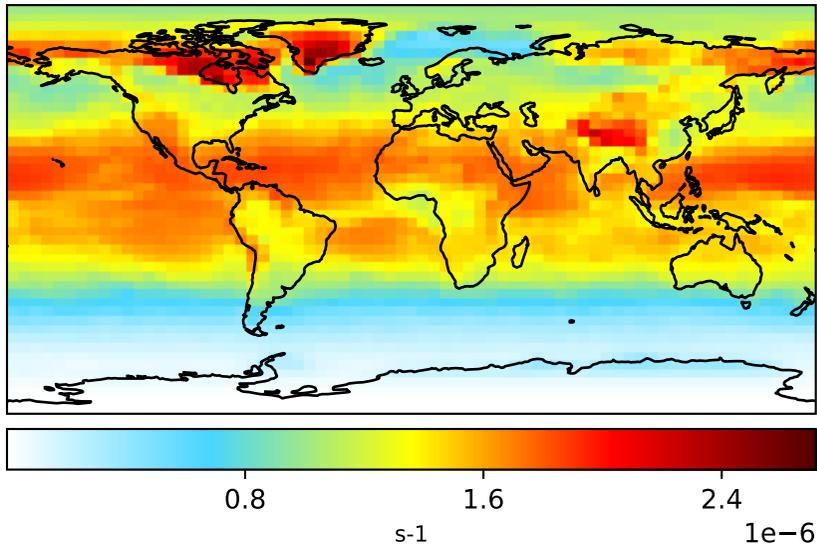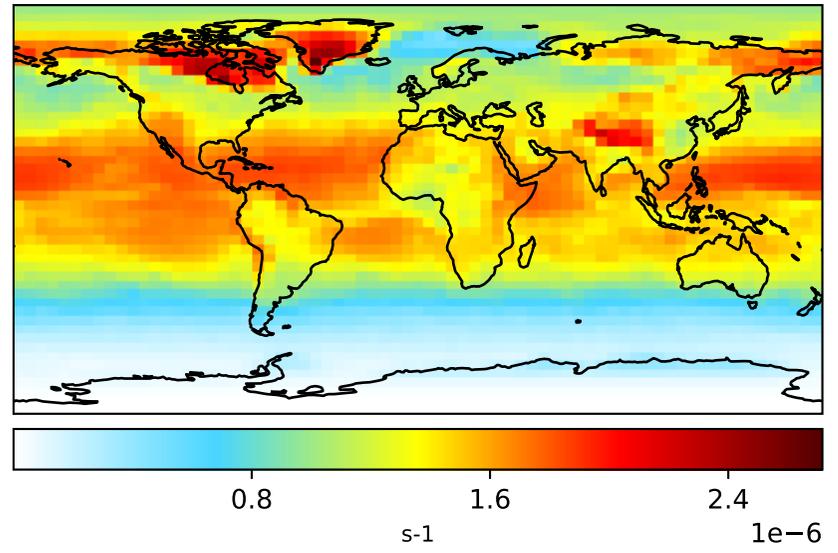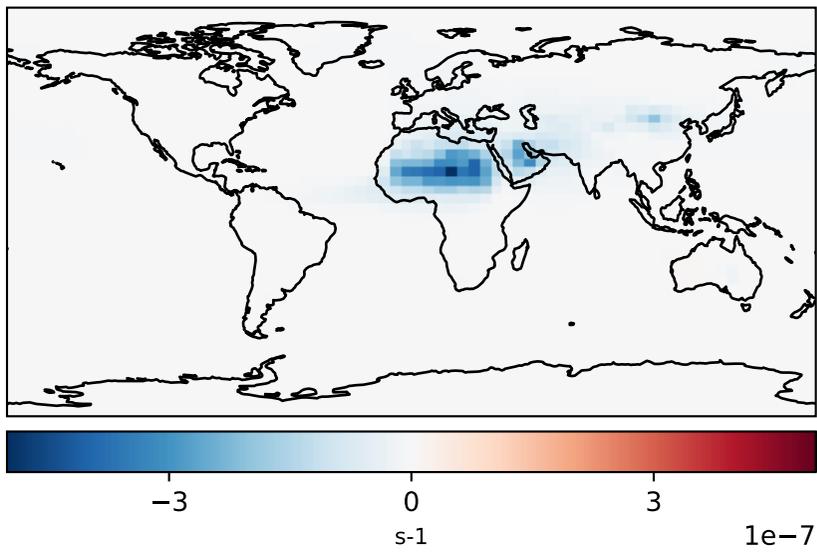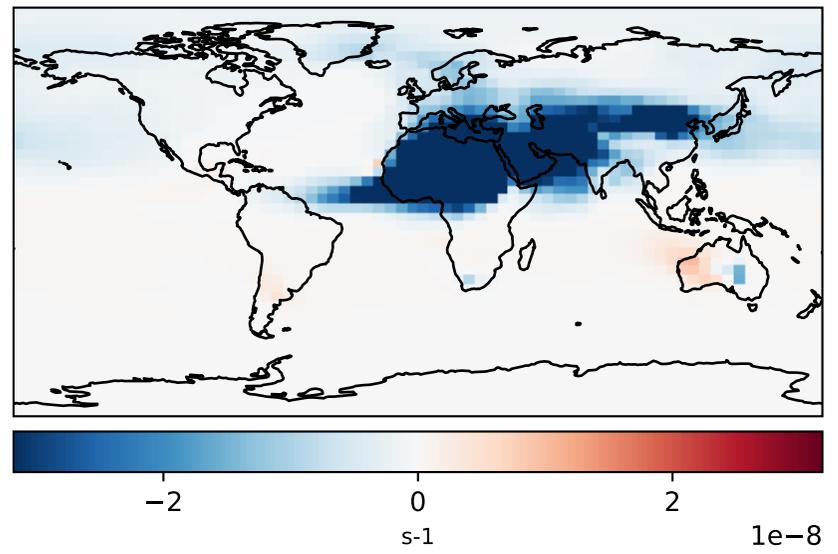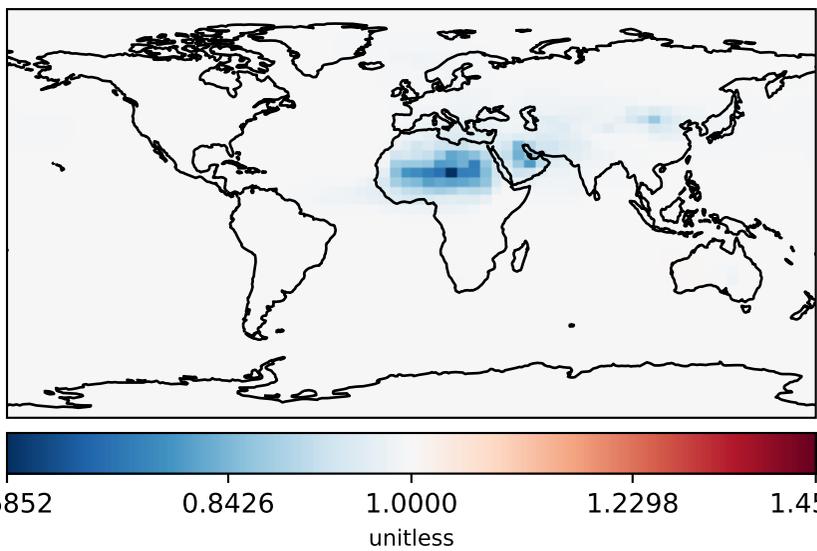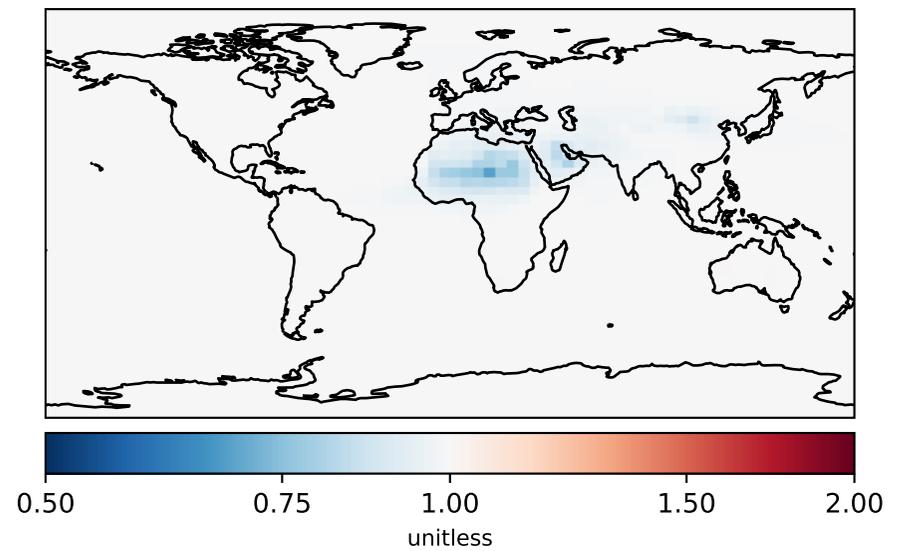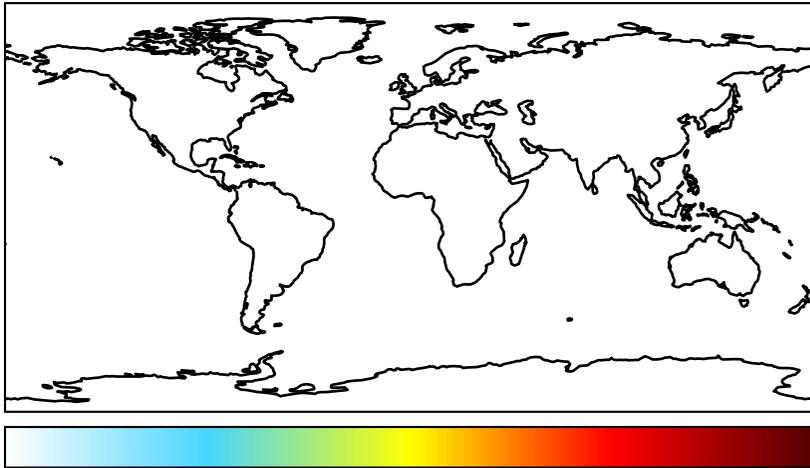Ratio
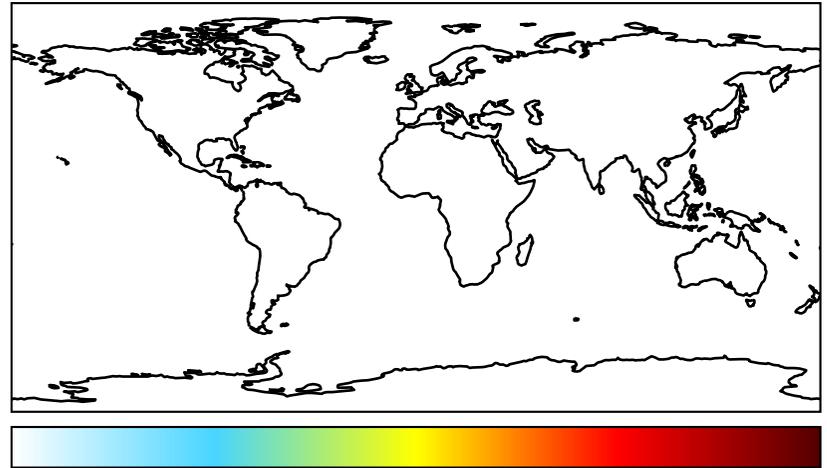Dev/Ref, Fixed Range

Jval_RP (Apr2019)

Jval_SO4 (Apr2019)
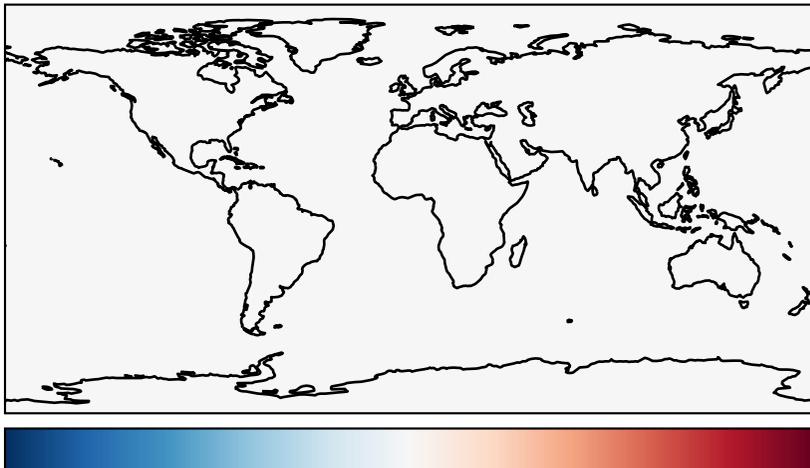

gcc.14.5.0-rc.0 (Ref)
4.0x5.0

Zero throughout domain
s-1
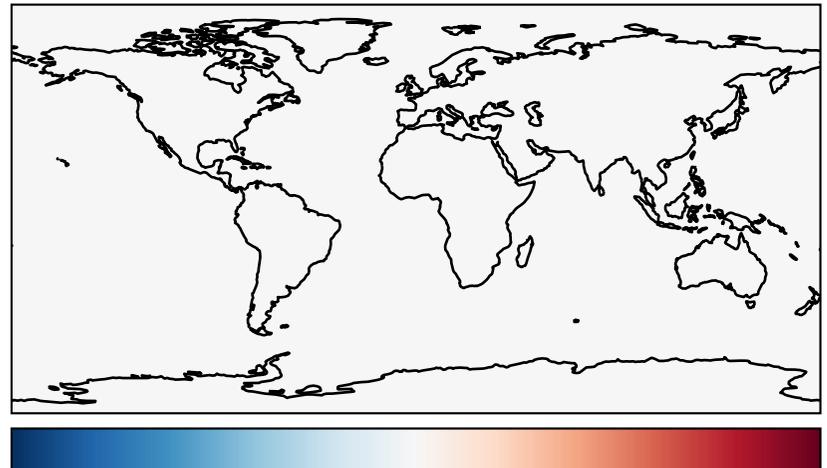
gcc.14.7.0-rc.0 (Dev)
4.0x5.0

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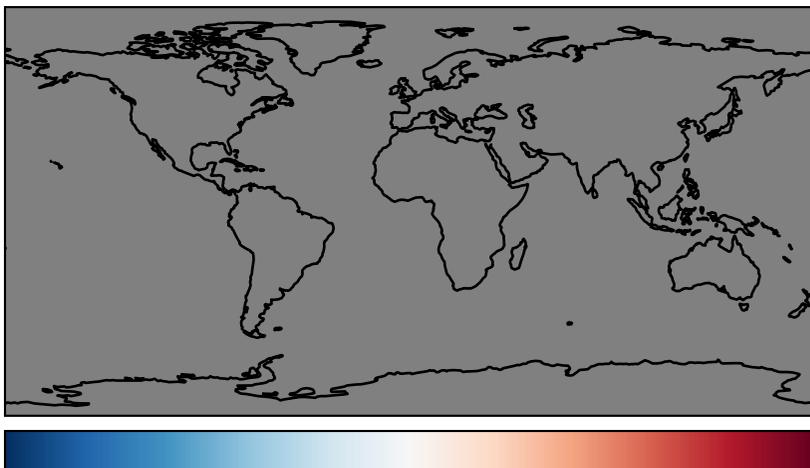
Difference
Dev - Ref, Dynamic Range

Zero throughout domain
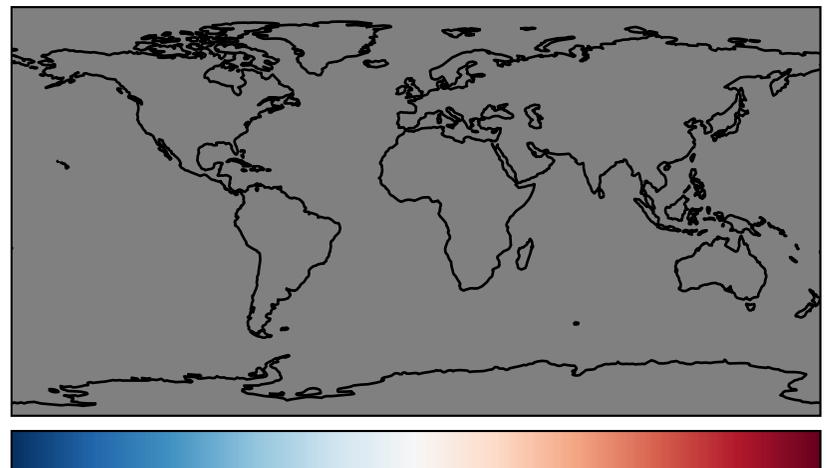s-1

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

Zero throughout domain
s-1

Ratio
Dev/Ref, Dynamic Range

Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range

Undefined throughout domain
unitless