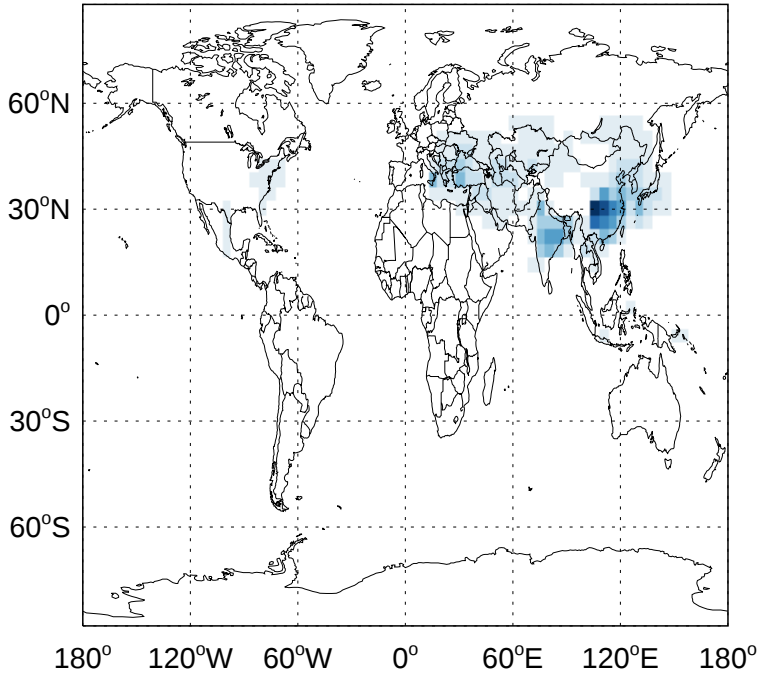


GEOS-Chem J-Values at surface and 500 hPa

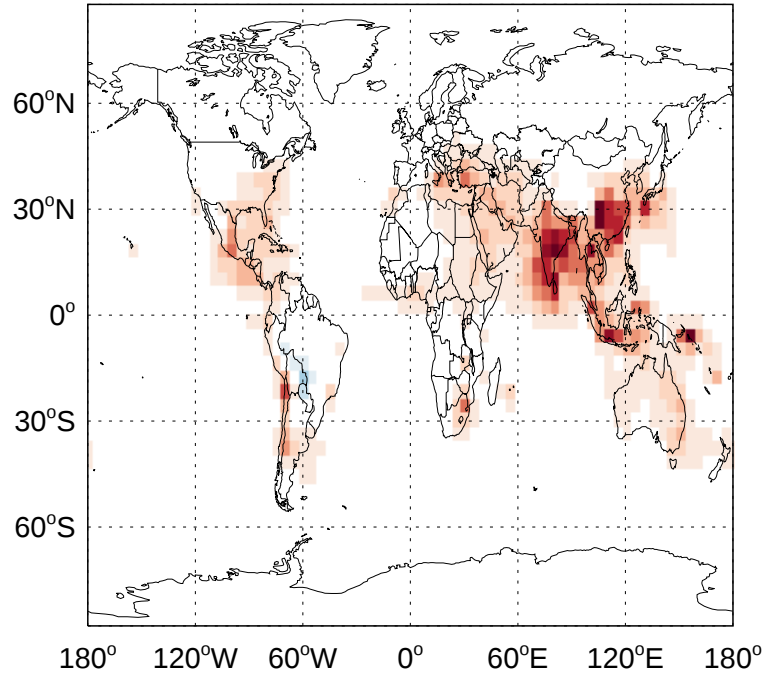
v11-02d - v11-02c

JNO2 - J-Value Diff @ surface for Jan



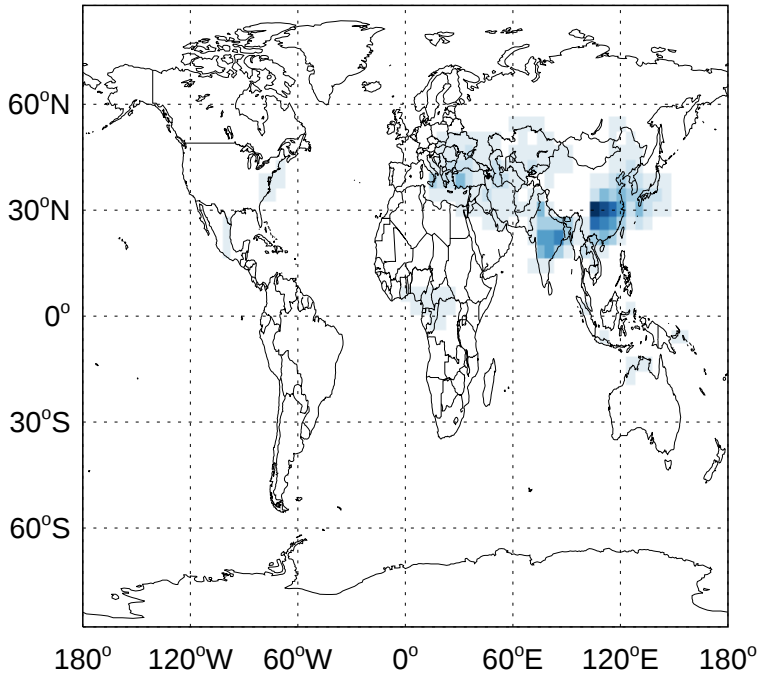
v11-02d - v11-02c

JNO2 - J-Value Diff @ 500 hPa for Jan



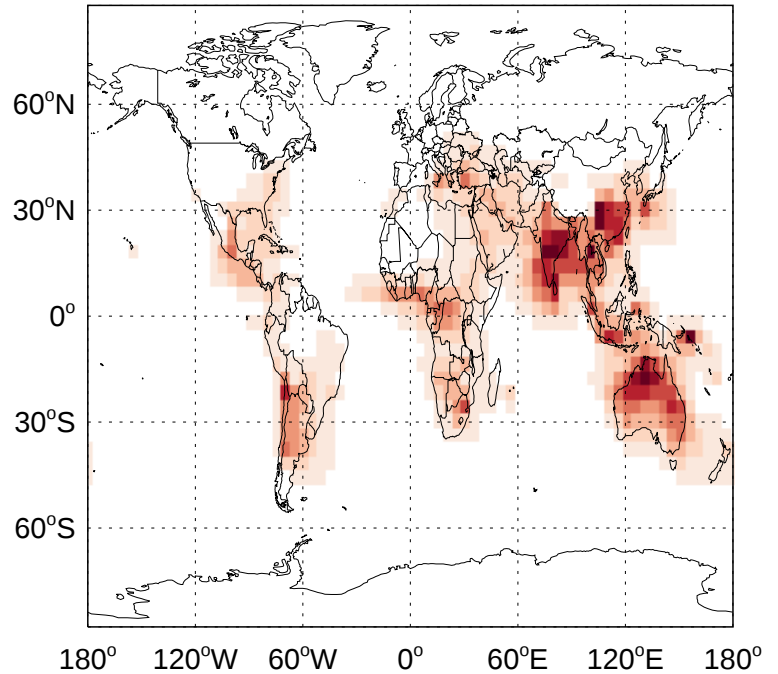
v11-02d - v11-02a

JNO2 - J-Value Diff @ surface for Jan



v11-02d - v11-02a

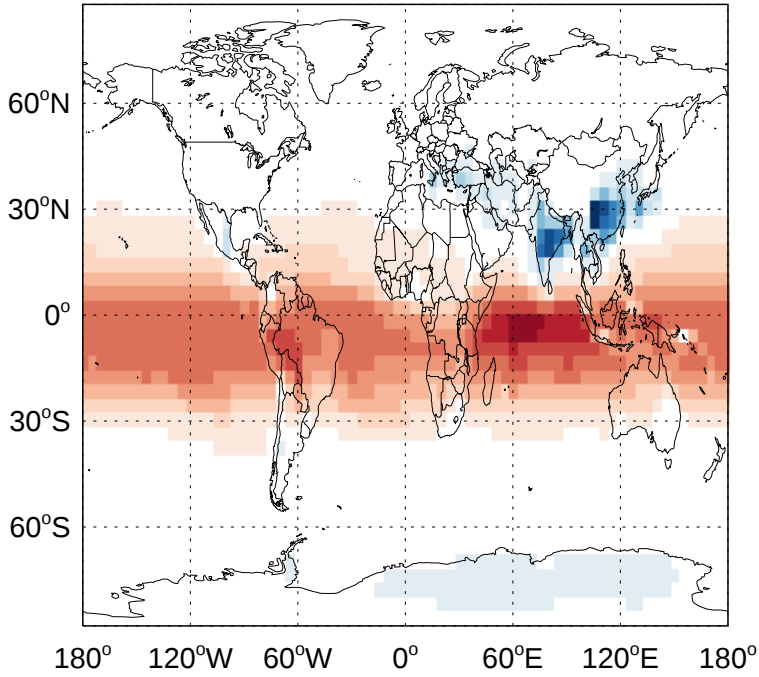
JNO2 - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

v11-02d - v11-02c

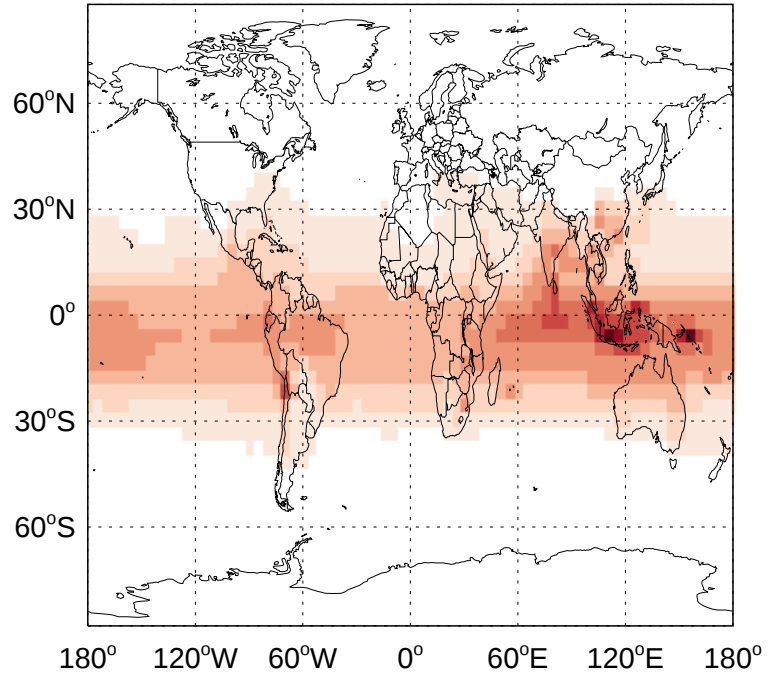
JHNO3 - J-Value Diff @ surface for Jan



-3.01e-08 -1.00e-08 1.00e-08 3.01e-08s-1

v11-02d - v11-02c

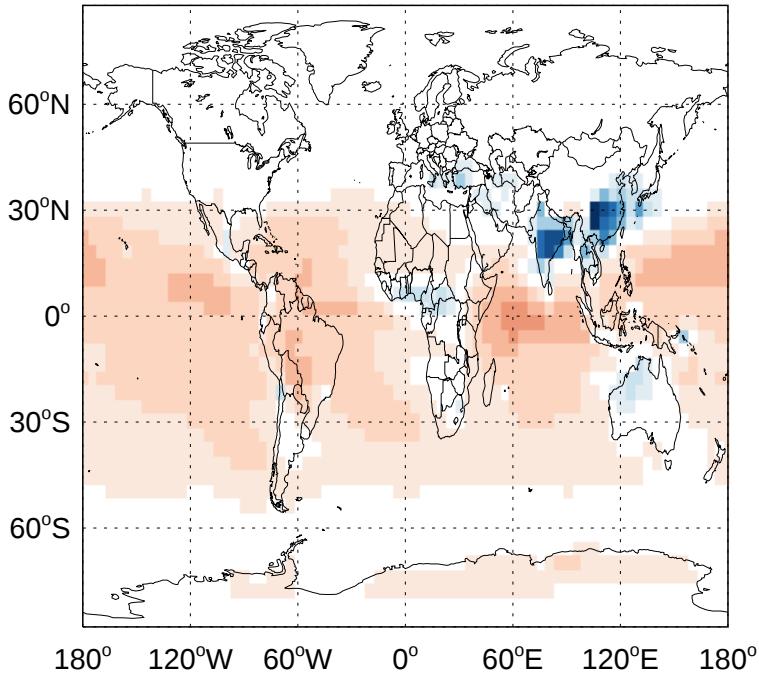
JHNO3 - J-Value Diff @ 500 hPa for Jan



-6.92e-08 -2.31e-08 2.31e-08 6.92e-08s-1

v11-02d - v11-02a

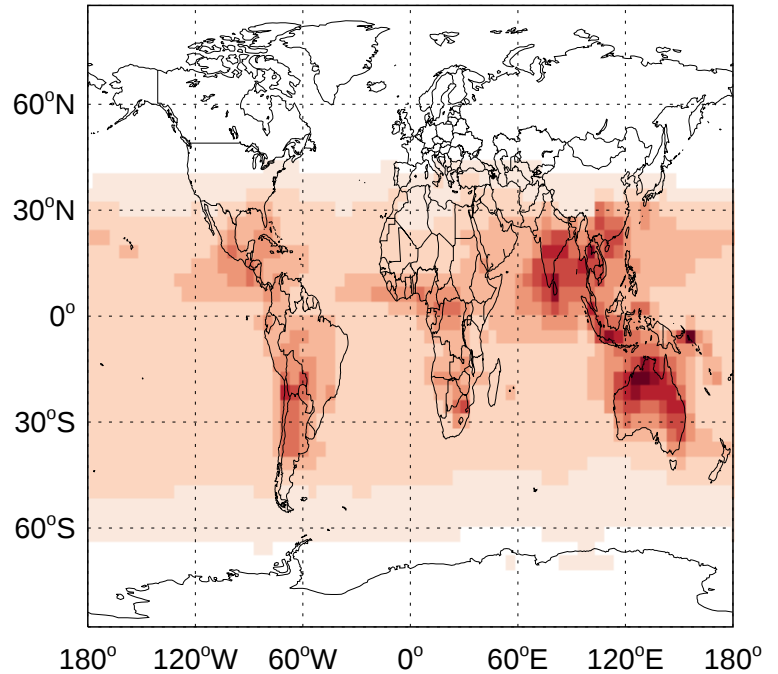
JHNO3 - J-Value Diff @ surface for Jan



-3.20e-08 -1.07e-08 1.07e-08 3.20e-08s-1

v11-02d - v11-02a

JHNO3 - J-Value Diff @ 500 hPa for Jan

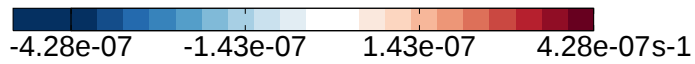
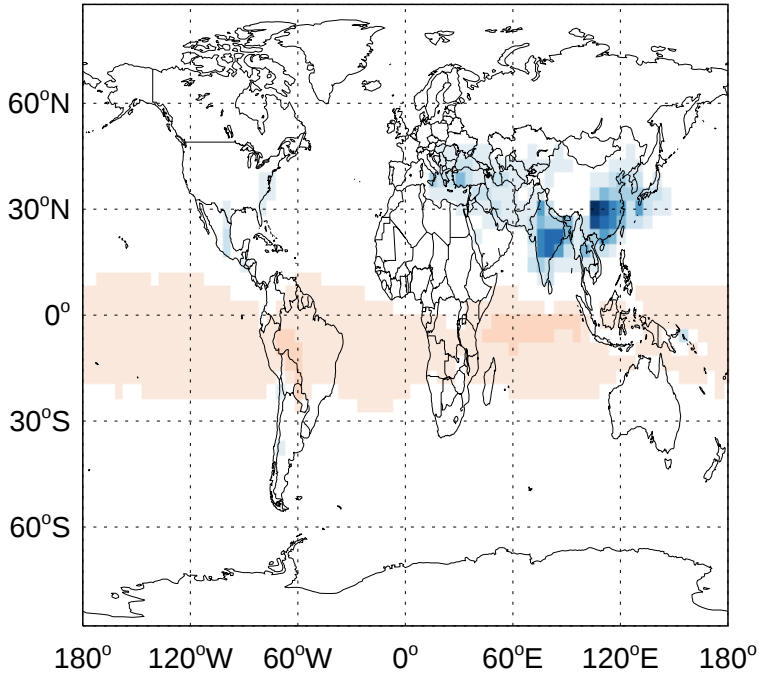


-5.63e-08 -1.88e-08 1.88e-08 5.63e-08s-1

GEOS-Chem J-Values at surface and 500 hPa

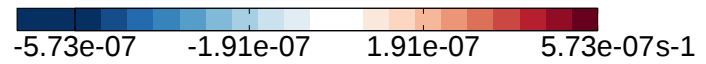
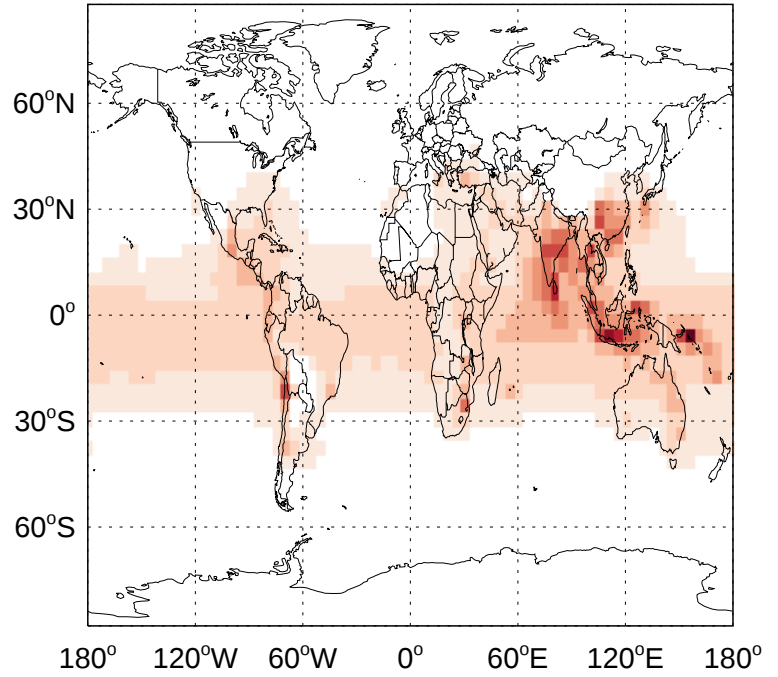
v11-02d - v11-02c

JH2O2 - J-Value Diff @ surface for Jan



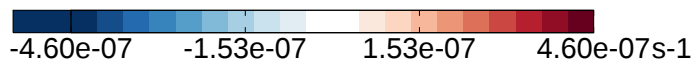
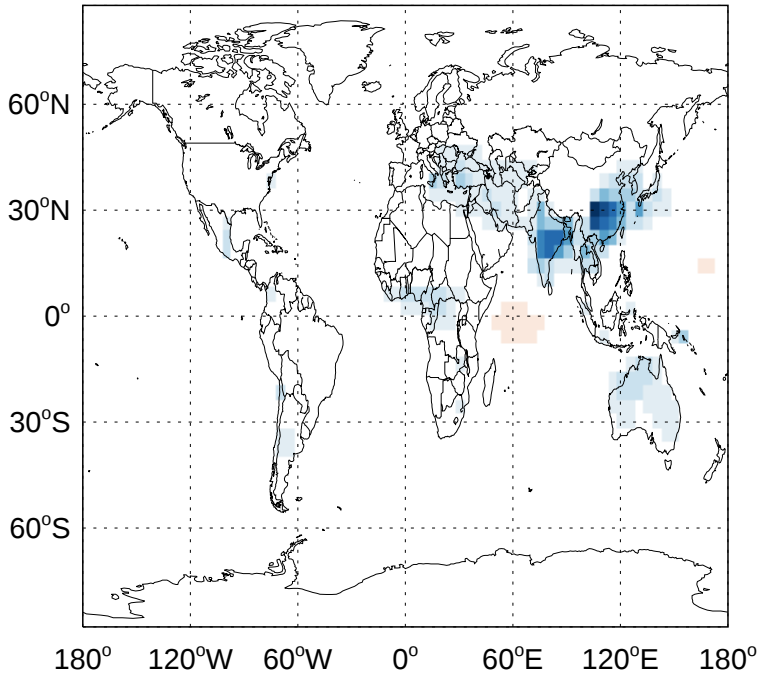
v11-02d - v11-02c

JH2O2 - J-Value Diff @ 500 hPa for Jan



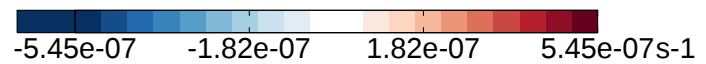
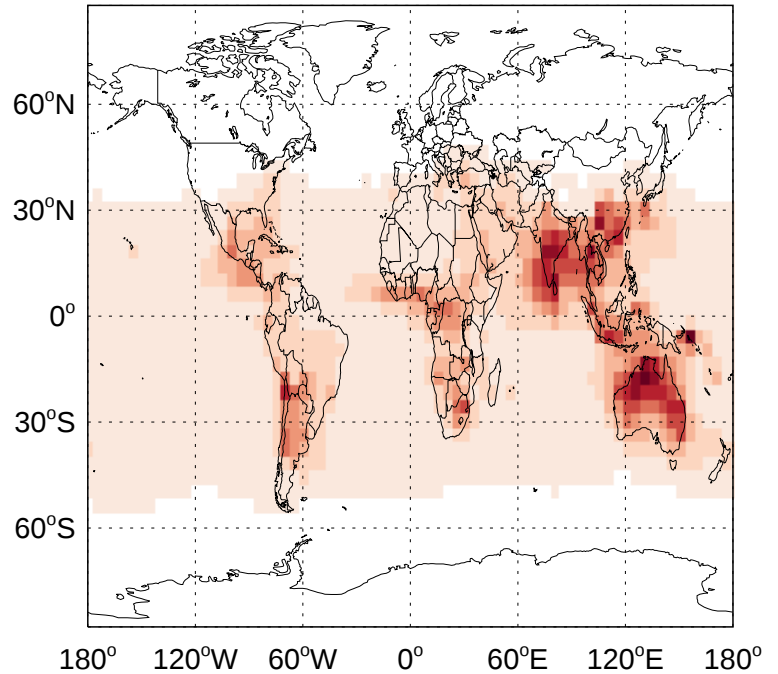
v11-02d - v11-02a

JH2O2 - J-Value Diff @ surface for Jan



v11-02d - v11-02a

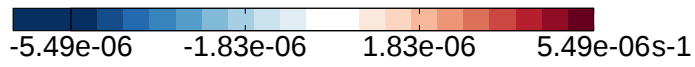
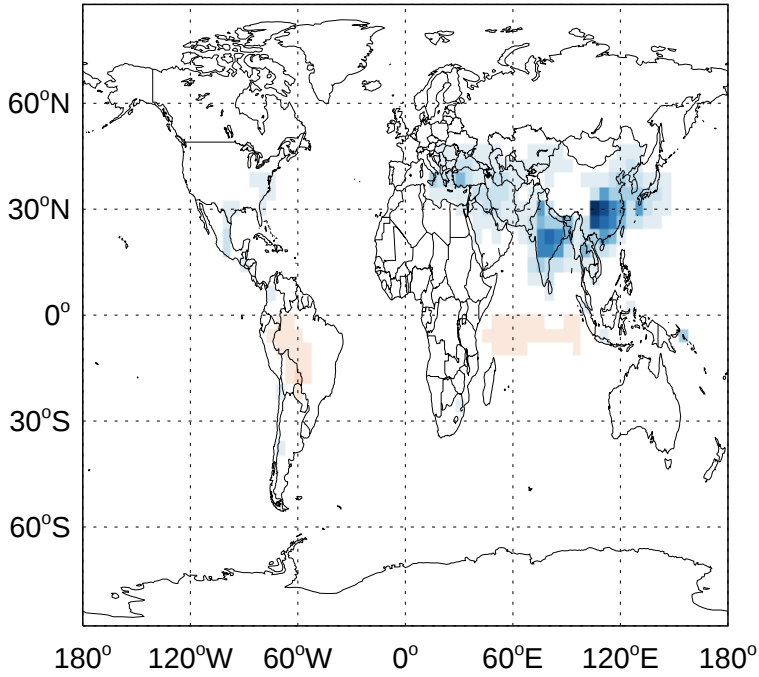
JH2O2 - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

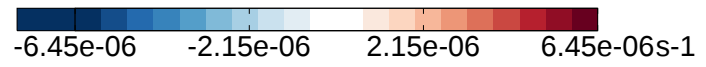
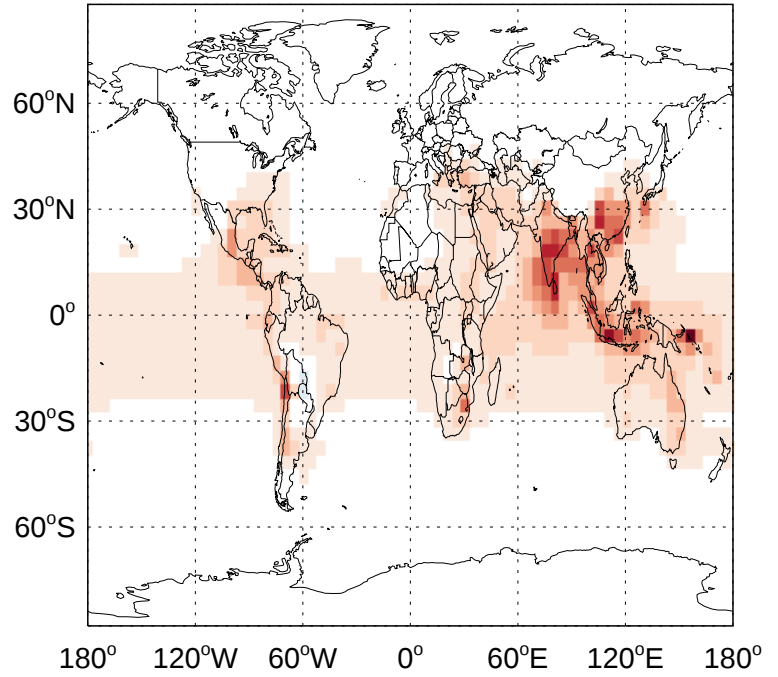
v11-02d - v11-02c

JCH2O - J-Value Diff @ surface for Jan



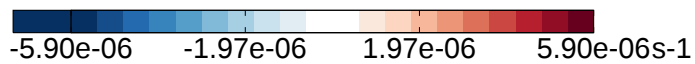
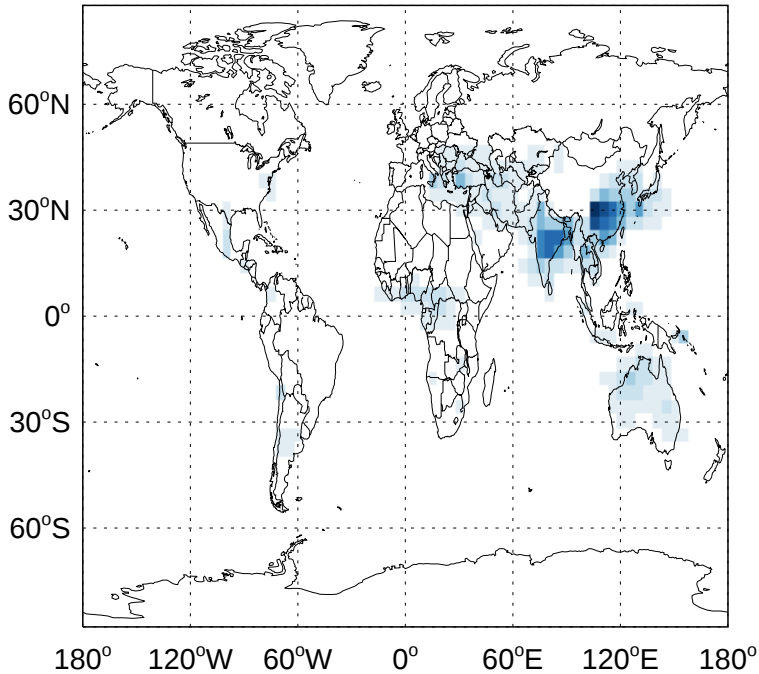
v11-02d - v11-02c

JCH2O - J-Value Diff @ 500 hPa for Jan



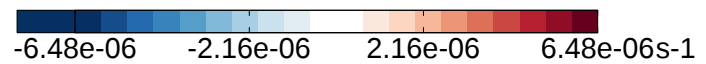
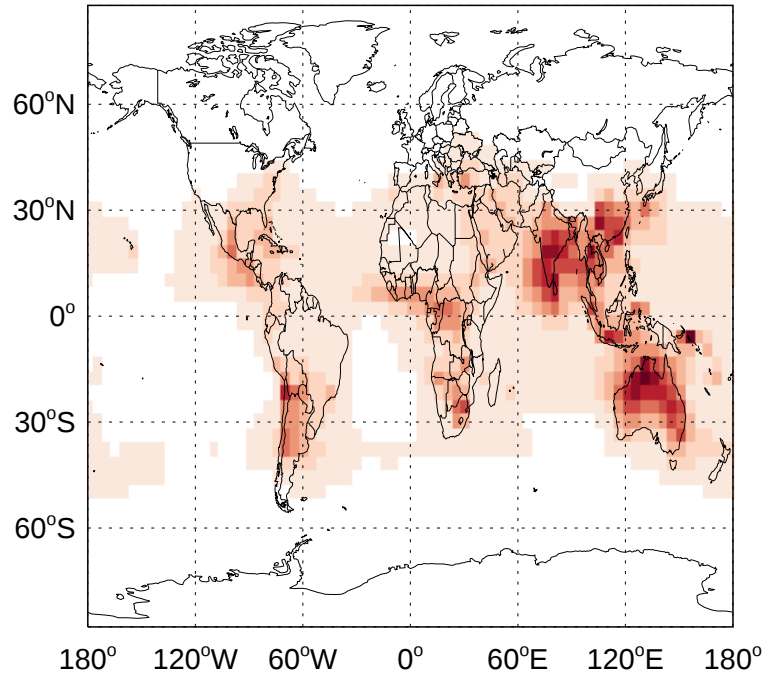
v11-02d - v11-02a

JCH2O - J-Value Diff @ surface for Jan



v11-02d - v11-02a

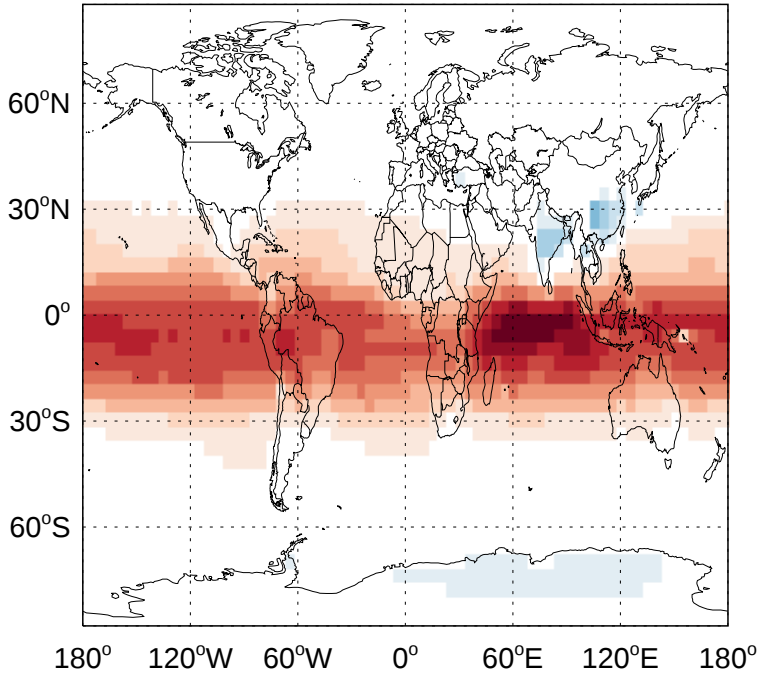
JCH2O - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

v11-02d - v11-02c

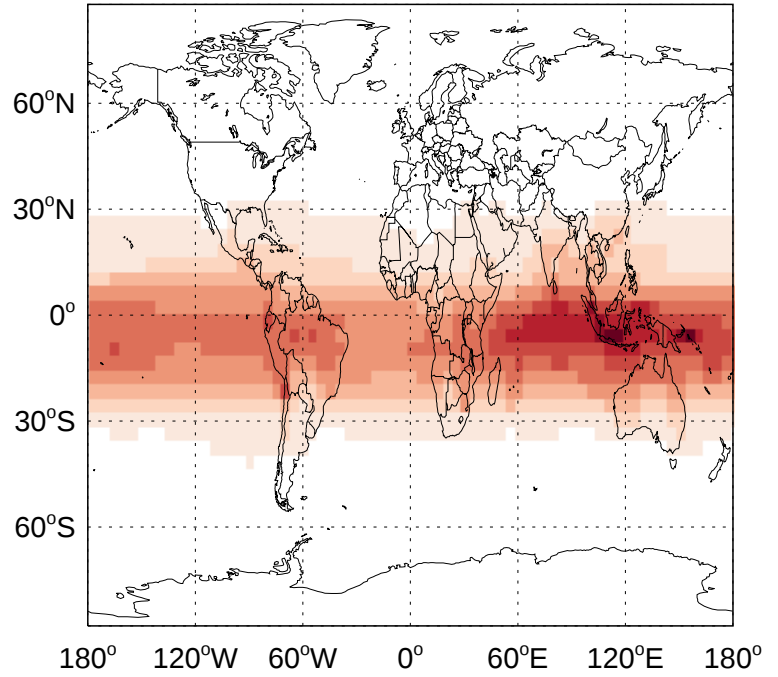
JO3_O1D - J-Value Diff @ surface for Jan



-2.60e-06 -8.67e-07 8.67e-07 2.60e-06s-1

v11-02d - v11-02c

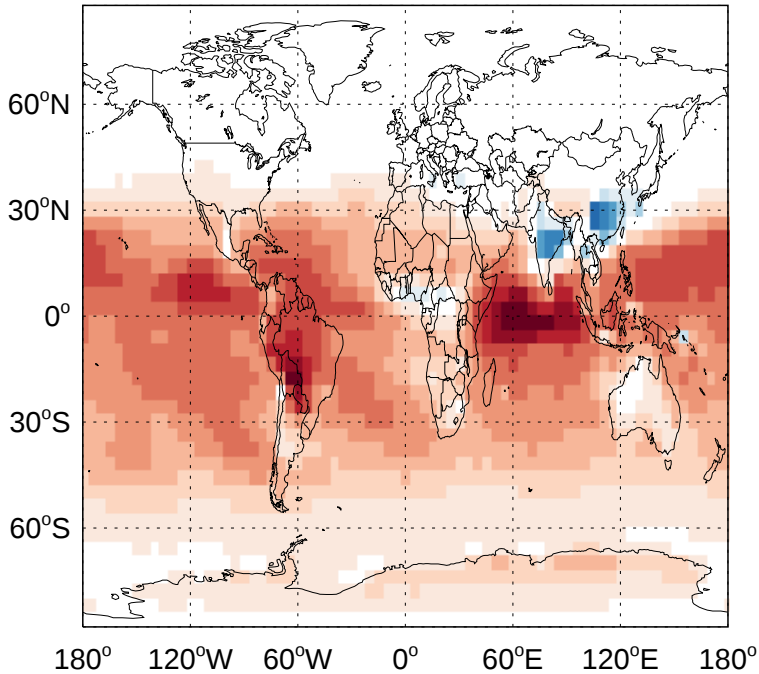
JO3_O1D - J-Value Diff @ 500 hPa for Jan



-5.39e-06 -1.80e-06 1.80e-06 5.39e-06s-1

v11-02d - v11-02a

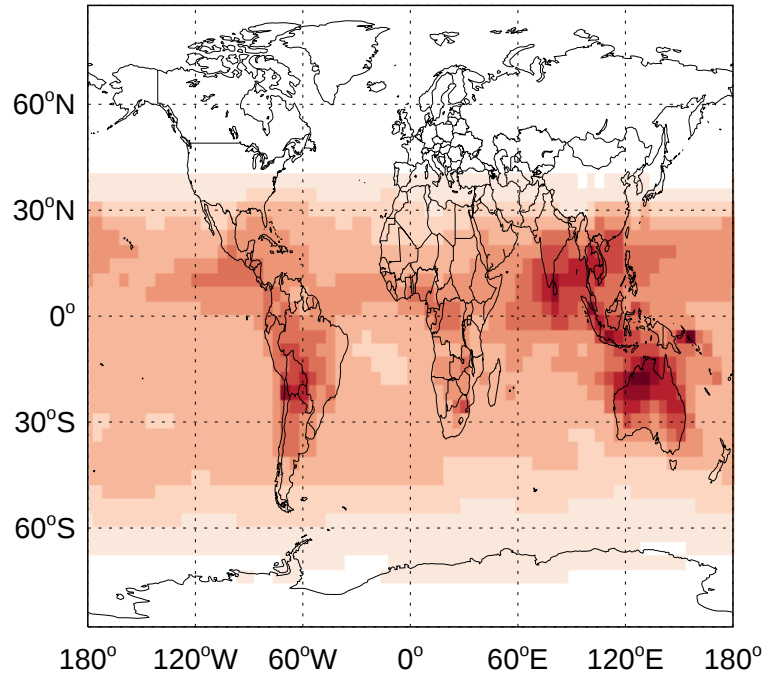
JO3_O1D - J-Value Diff @ surface for Jan



-1.55e-06 -5.18e-07 5.18e-07 1.55e-06s-1

v11-02d - v11-02a

JO3_O1D - J-Value Diff @ 500 hPa for Jan

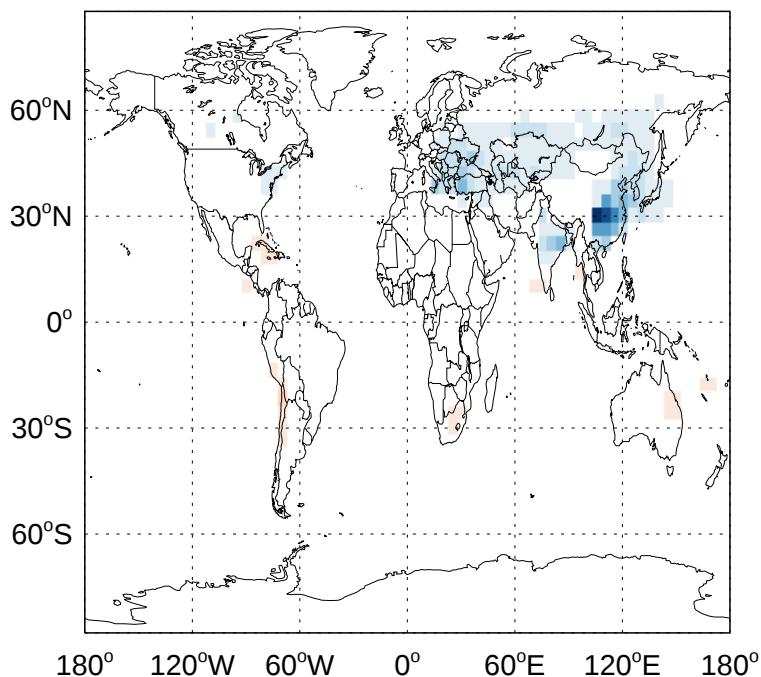


-3.77e-06 -1.26e-06 1.26e-06 3.77e-06s-1

GEOS-Chem J-Values at surface and 500 hPa

v11-02d - v11-02c

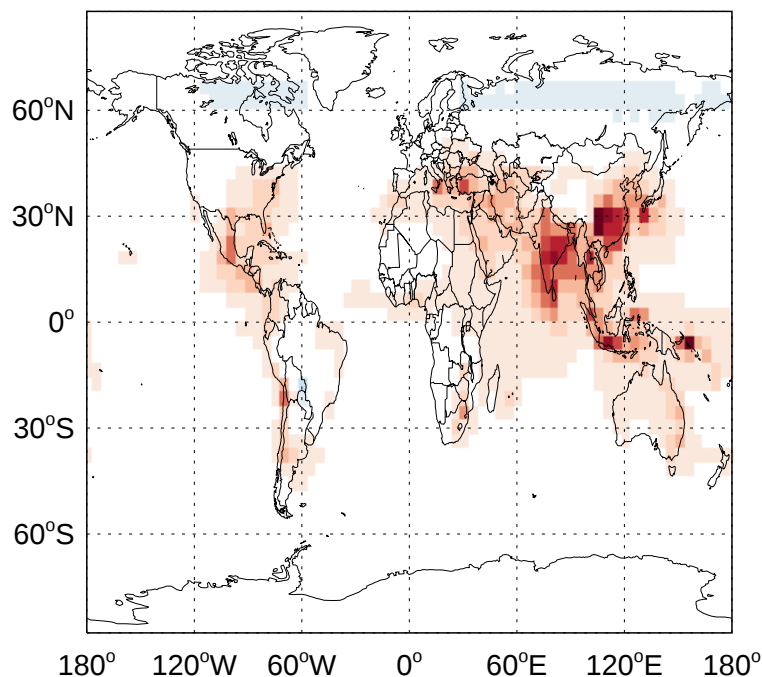
JO3_O3P - J-Value Diff @ surface for Jan



-2.86e-05 -9.54e-06 9.54e-06 2.86e-05s-1

v11-02d - v11-02c

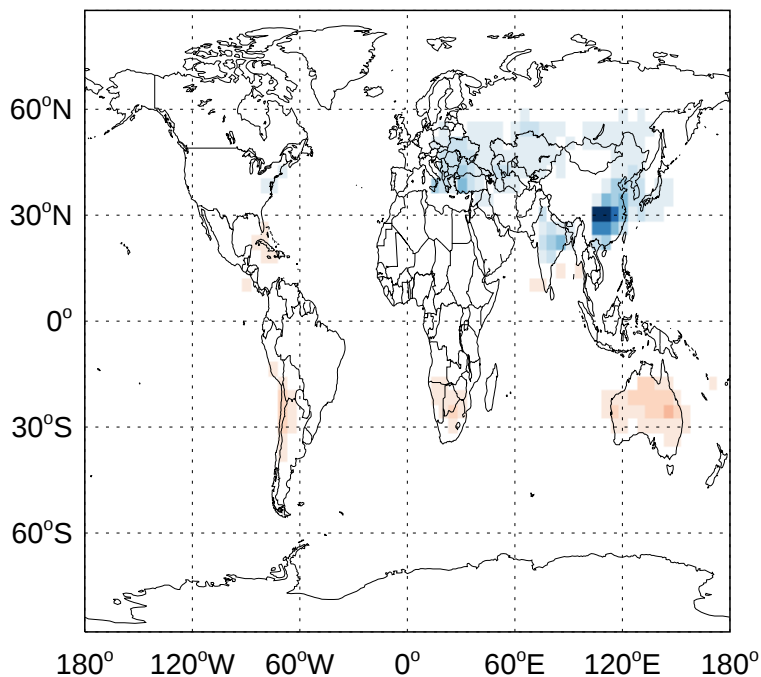
JO3_O3P - J-Value Diff @ 500 hPa for Jan



-2.39e-05 -7.96e-06 7.96e-06 2.39e-05s-1

v11-02d - v11-02a

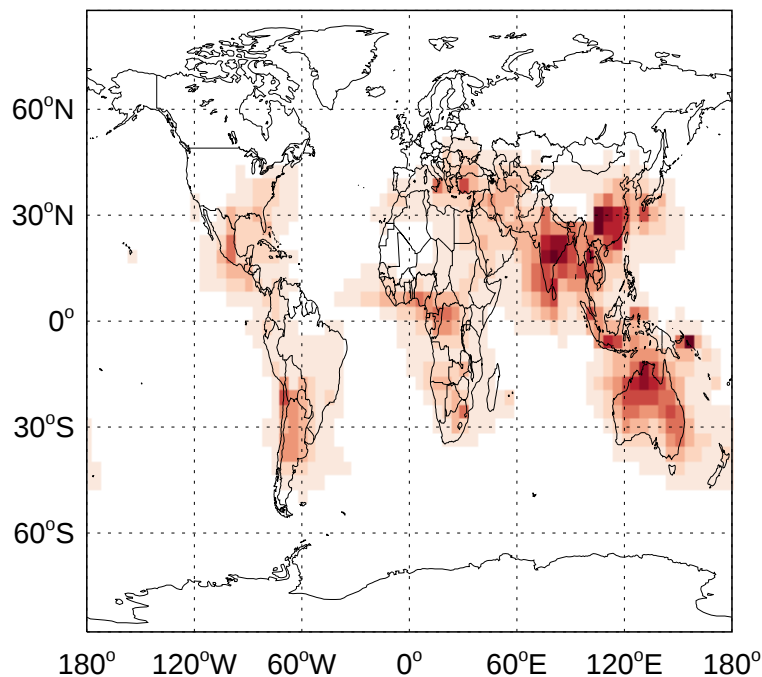
JO3_O3P - J-Value Diff @ surface for Jan



-3.04e-05 -1.01e-05 1.01e-05 3.04e-05s-1

v11-02d - v11-02a

JO3_O3P - J-Value Diff @ 500 hPa for Jan

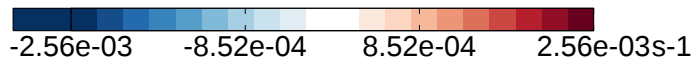
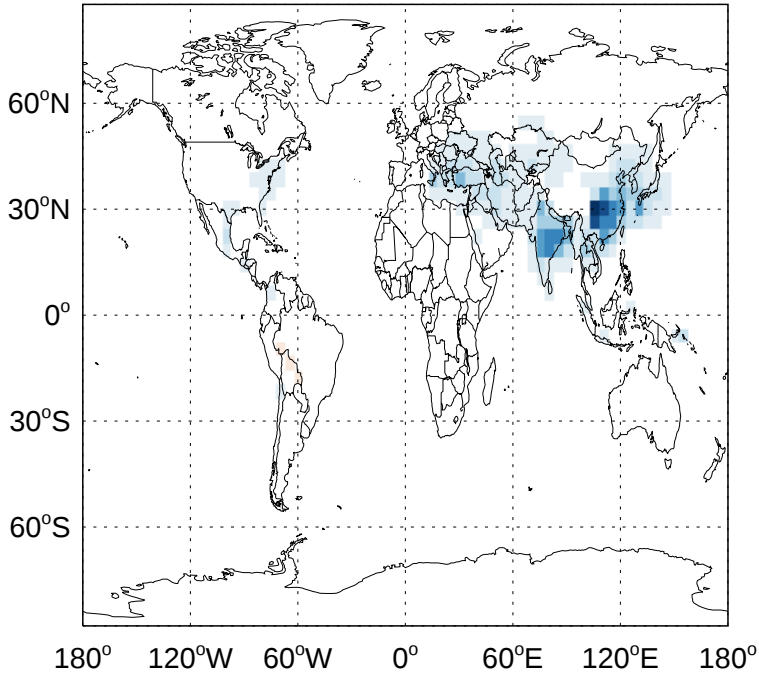


-2.54e-05 -8.45e-06 8.45e-06 2.54e-05s-1

GEOS-Chem J-Values at surface and 500 hPa

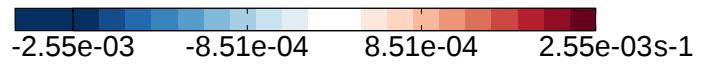
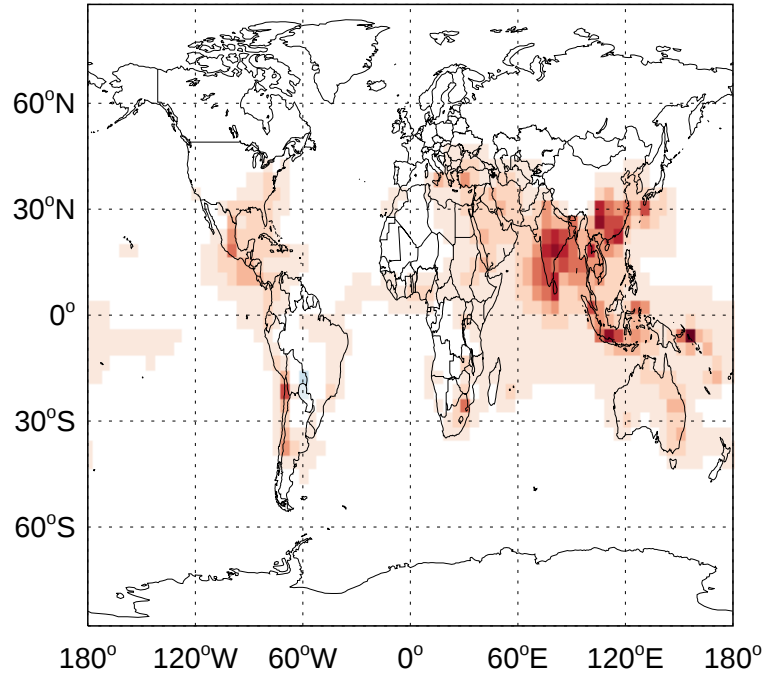
v11-02d - v11-02c

JBrO - J-Value Diff @ surface for Jan



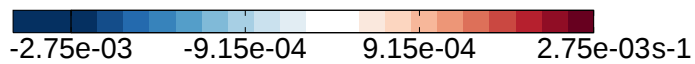
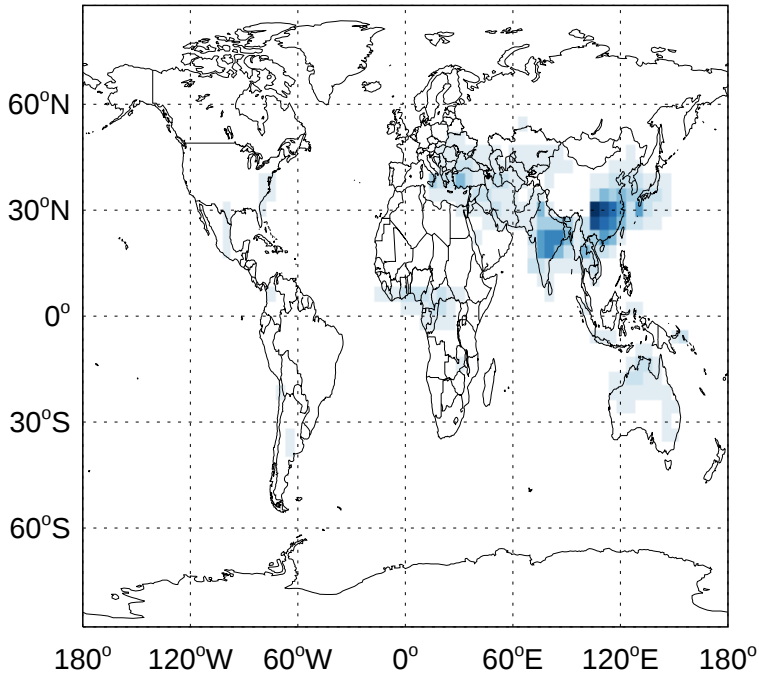
v11-02d - v11-02c

JBrO - J-Value Diff @ 500 hPa for Jan



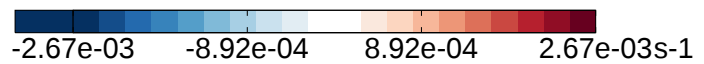
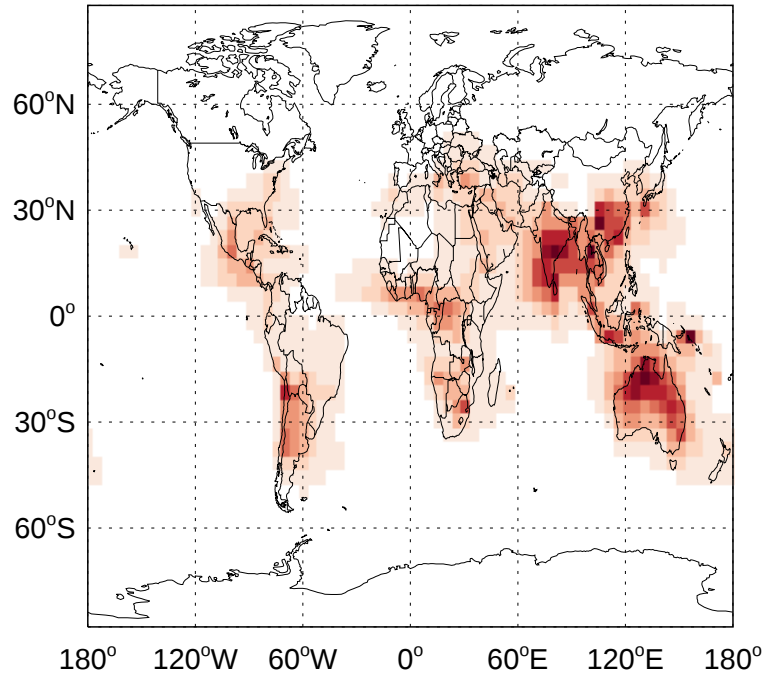
v11-02d - v11-02a

JBrO - J-Value Diff @ surface for Jan



v11-02d - v11-02a

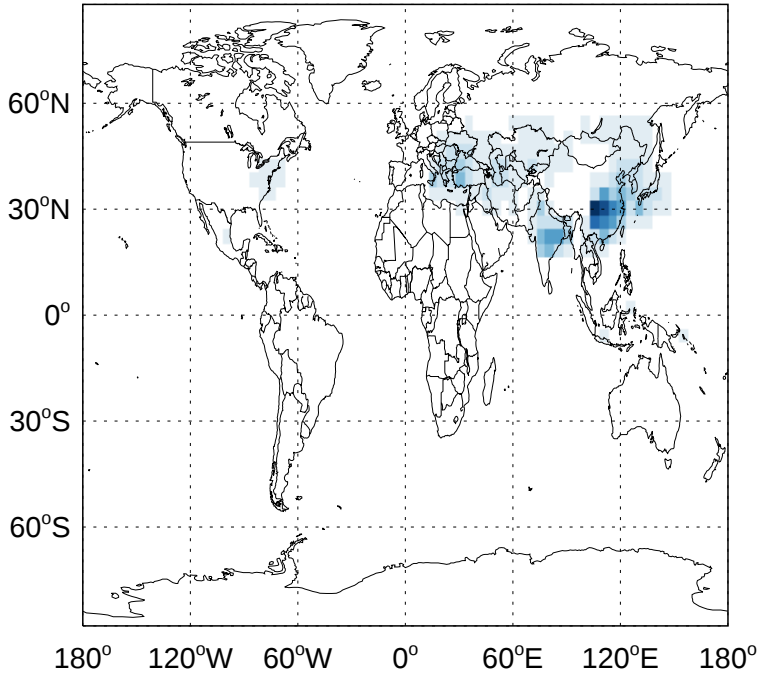
JBrO - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

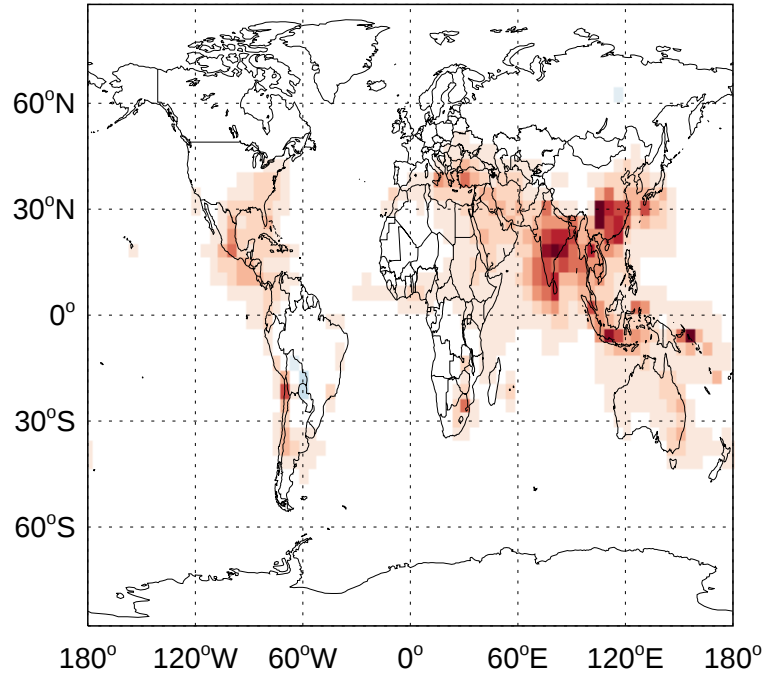
v11-02d - v11-02c

JHOB_r - J-Value Diff @ surface for Jan



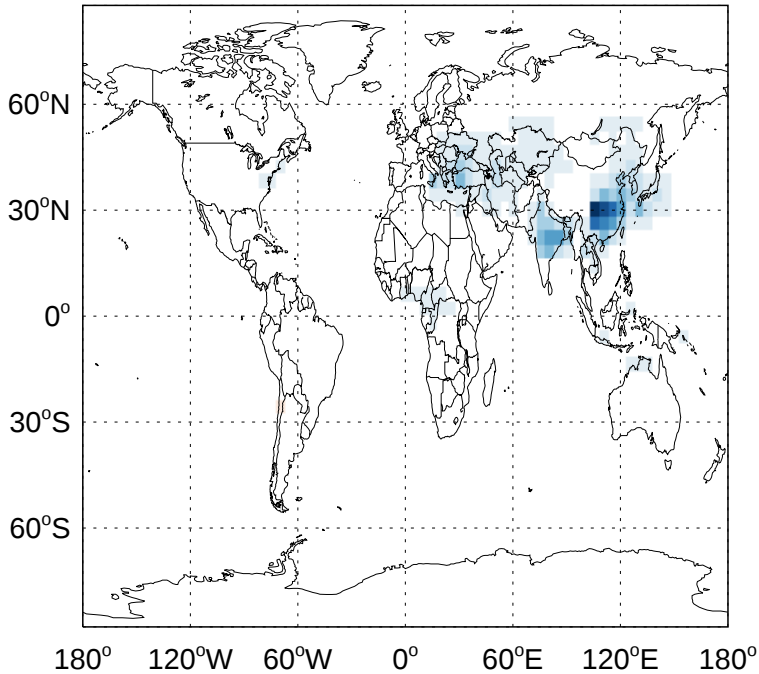
v11-02d - v11-02c

JHOB_r - J-Value Diff @ 500 hPa for Jan



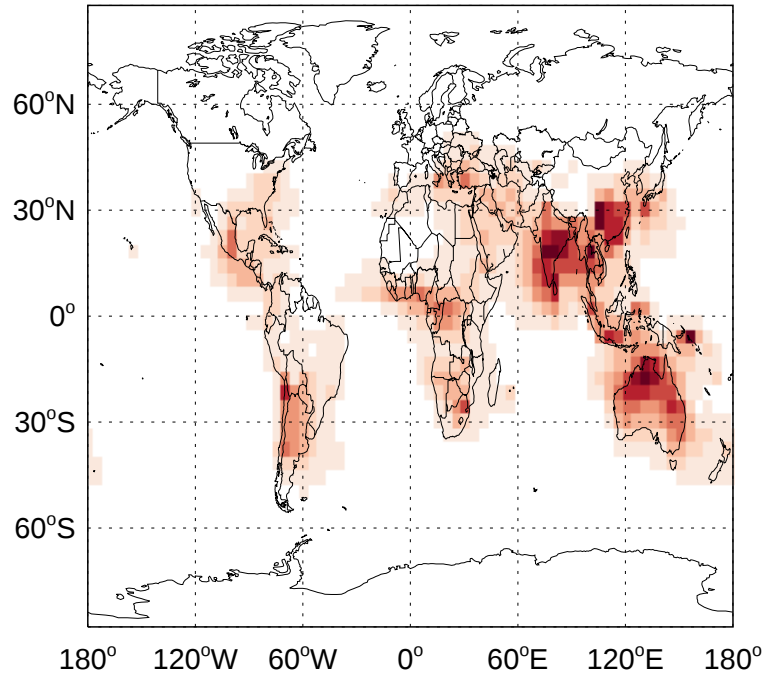
v11-02d - v11-02a

JHOB_r - J-Value Diff @ surface for Jan



v11-02d - v11-02a

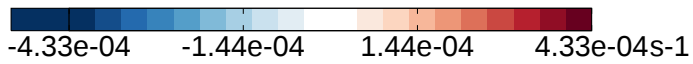
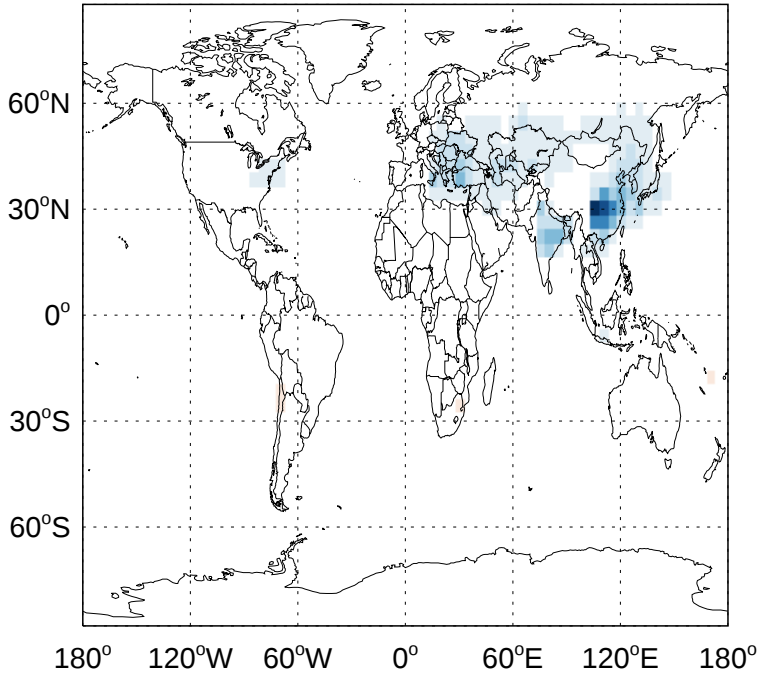
JHOB_r - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

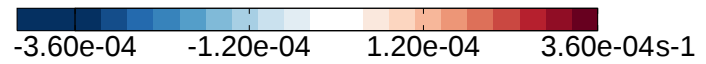
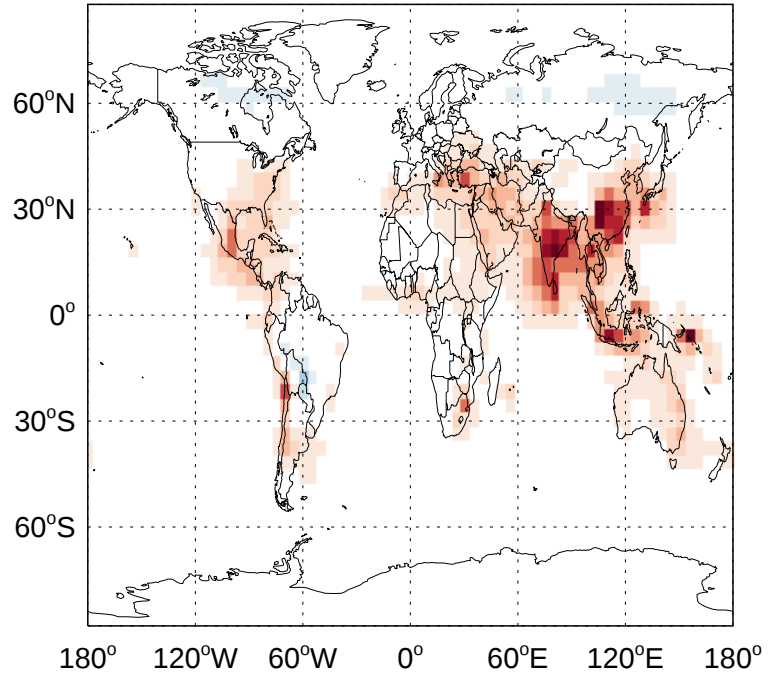
v11-02d - v11-02c

JBrNO₂ - J-Value Diff @ surface for Jan



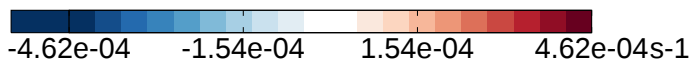
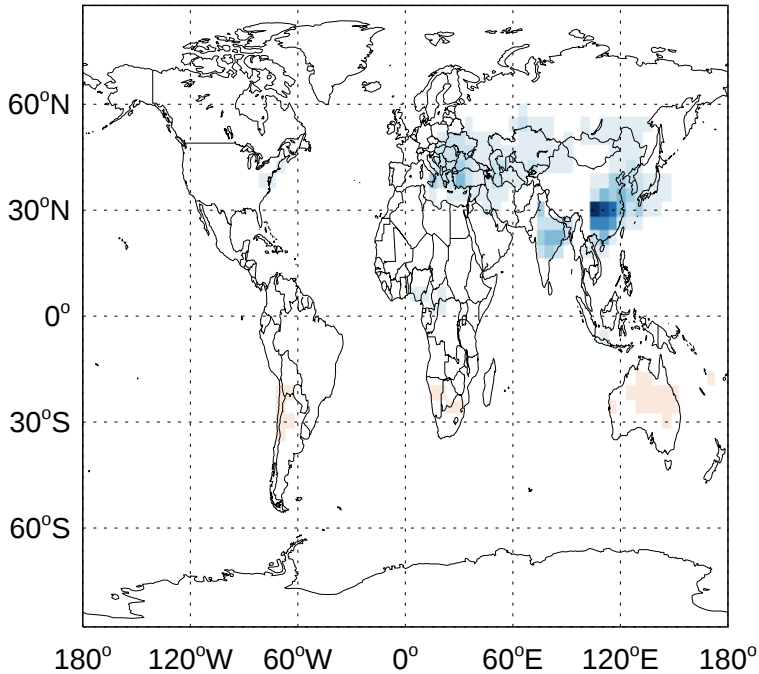
v11-02d - v11-02c

JBrNO₂ - J-Value Diff @ 500 hPa for Jan



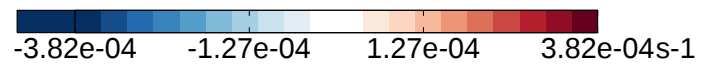
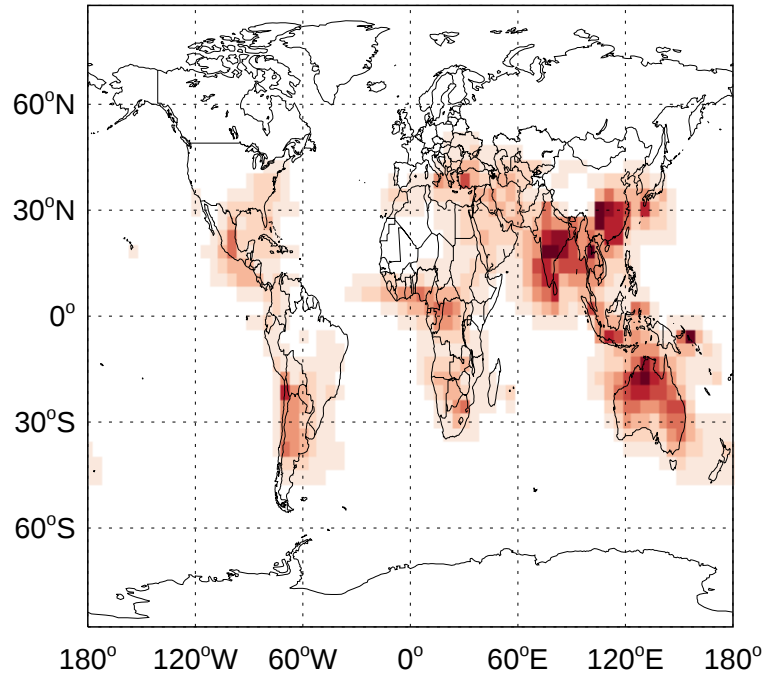
v11-02d - v11-02a

JBrNO₂ - J-Value Diff @ surface for Jan



v11-02d - v11-02a

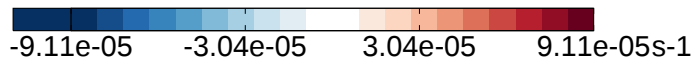
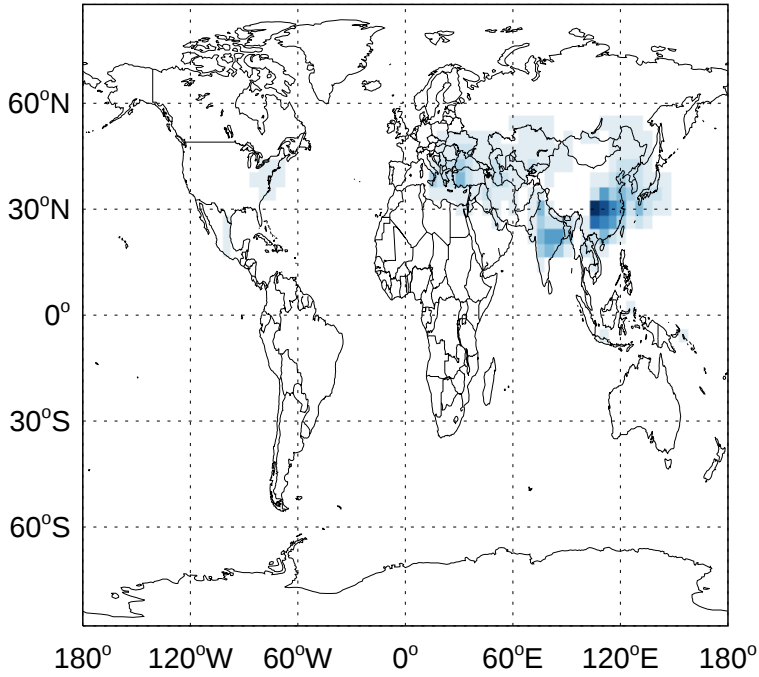
JBrNO₂ - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

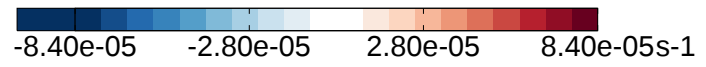
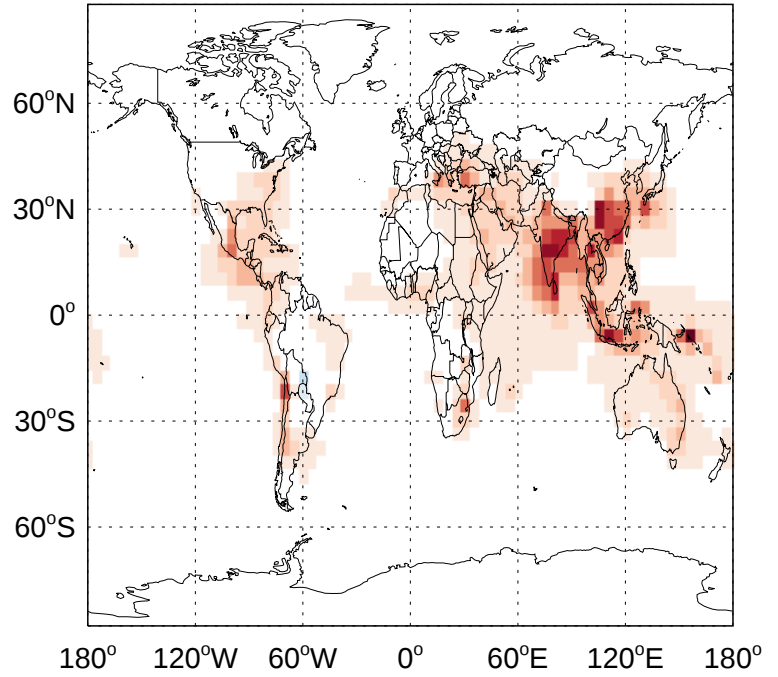
v11-02d - v11-02c

JBrNO3 - J-Value Diff @ surface for Jan



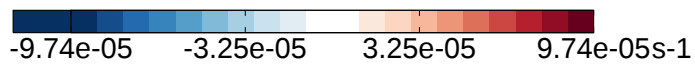
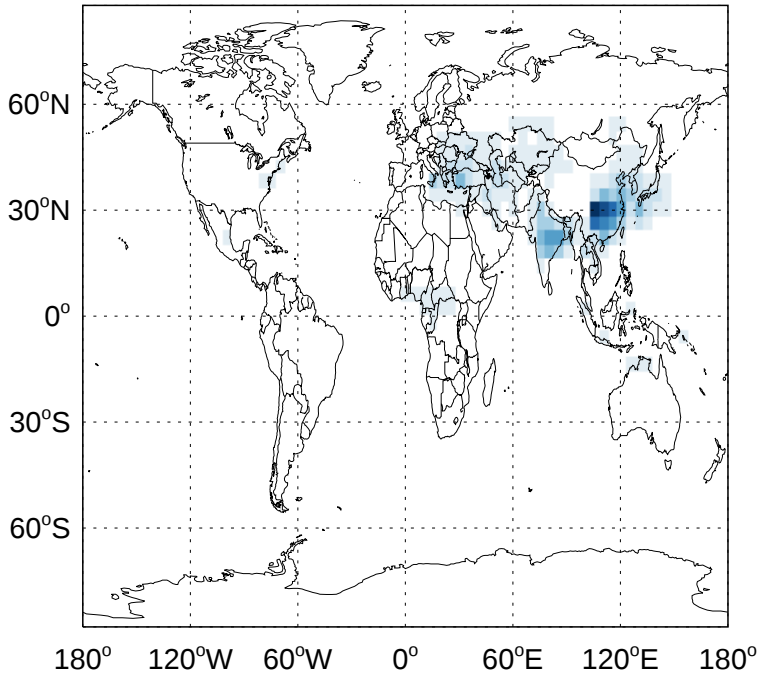
v11-02d - v11-02c

JBrNO3 - J-Value Diff @ 500 hPa for Jan



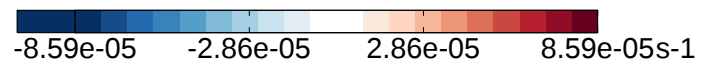
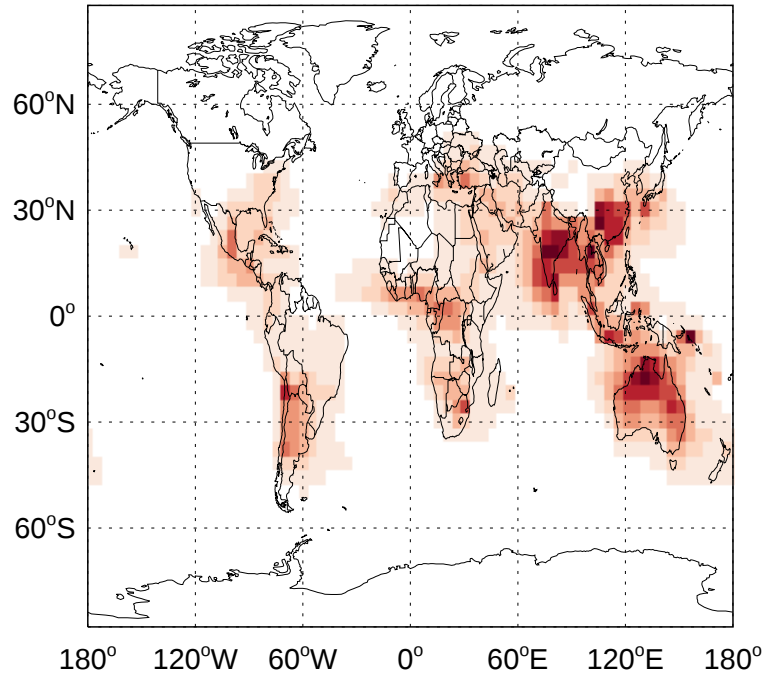
v11-02d - v11-02a

JBrNO3 - J-Value Diff @ surface for Jan



v11-02d - v11-02a

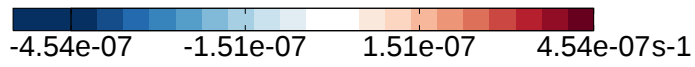
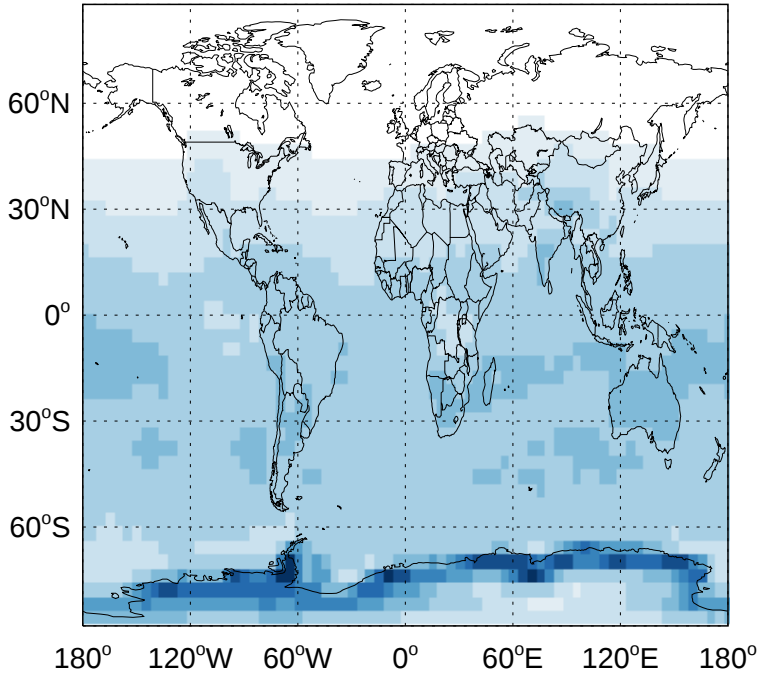
JBrNO3 - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

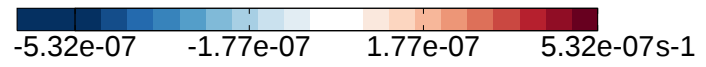
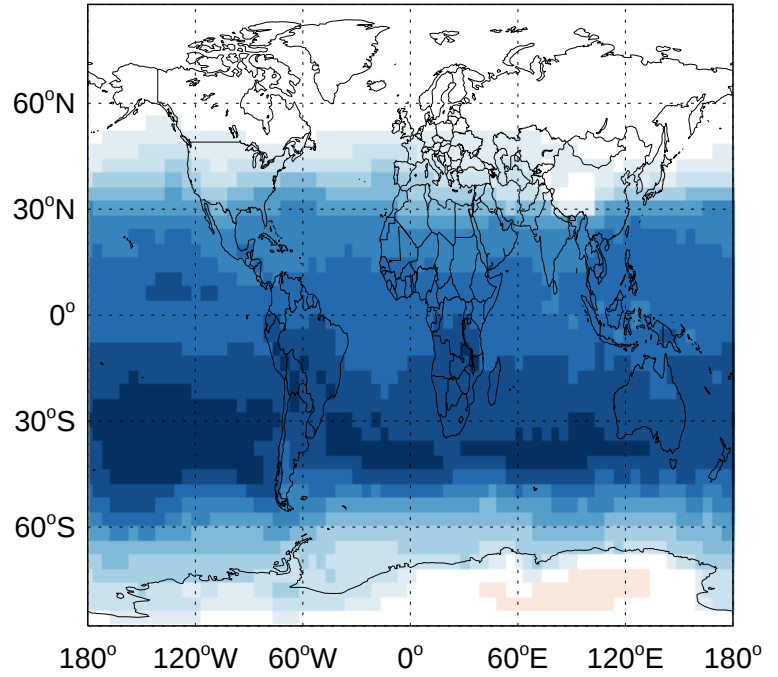
v11-02d - v11-02c

JCHBr3 - J-Value Diff @ surface for Jan



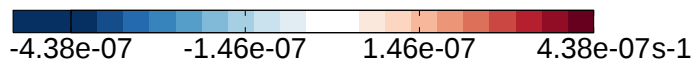
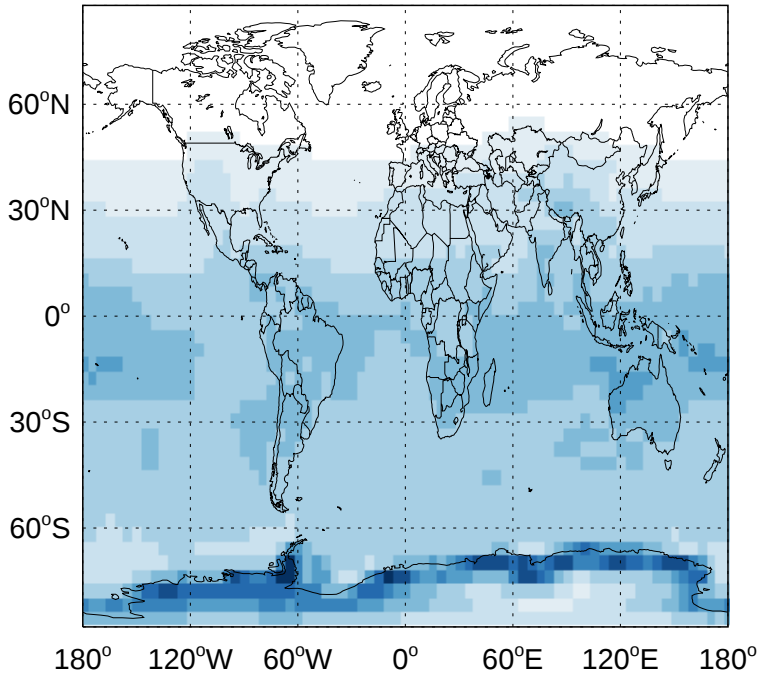
v11-02d - v11-02c

JCHBr3 - J-Value Diff @ 500 hPa for Jan



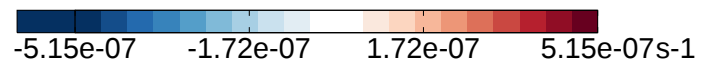
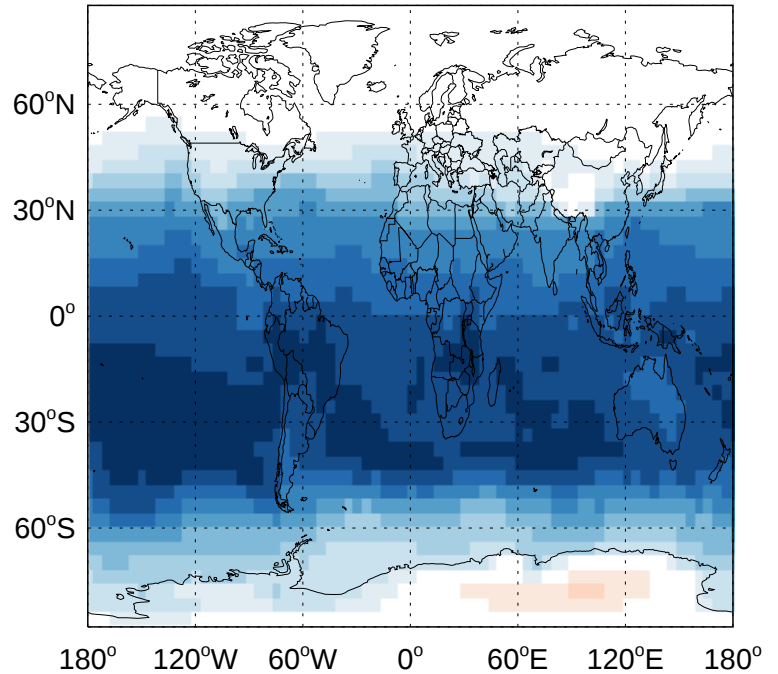
v11-02d - v11-02a

JCHBr3 - J-Value Diff @ surface for Jan



v11-02d - v11-02a

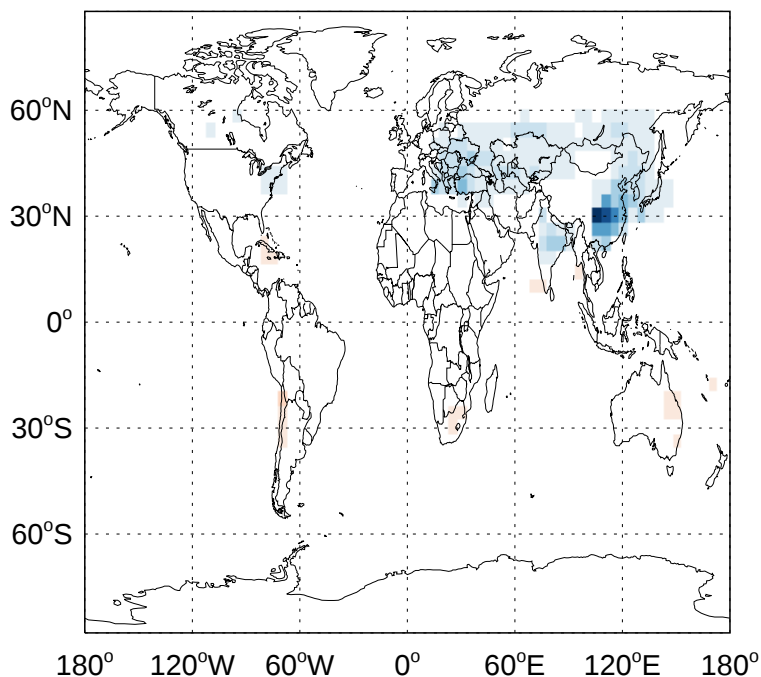
JCHBr3 - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

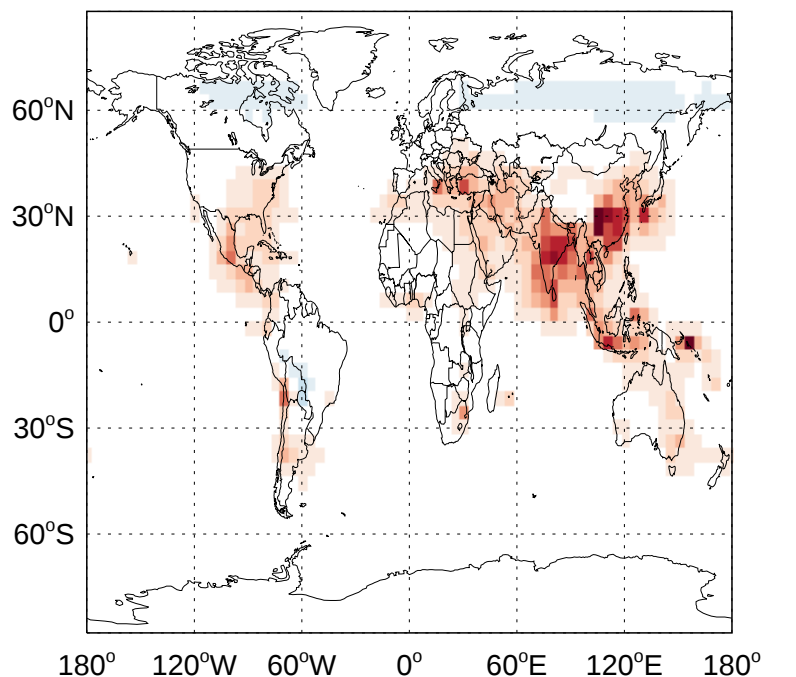
v11-02d - v11-02c

JBr2 - J-Value Diff @ surface for Jan



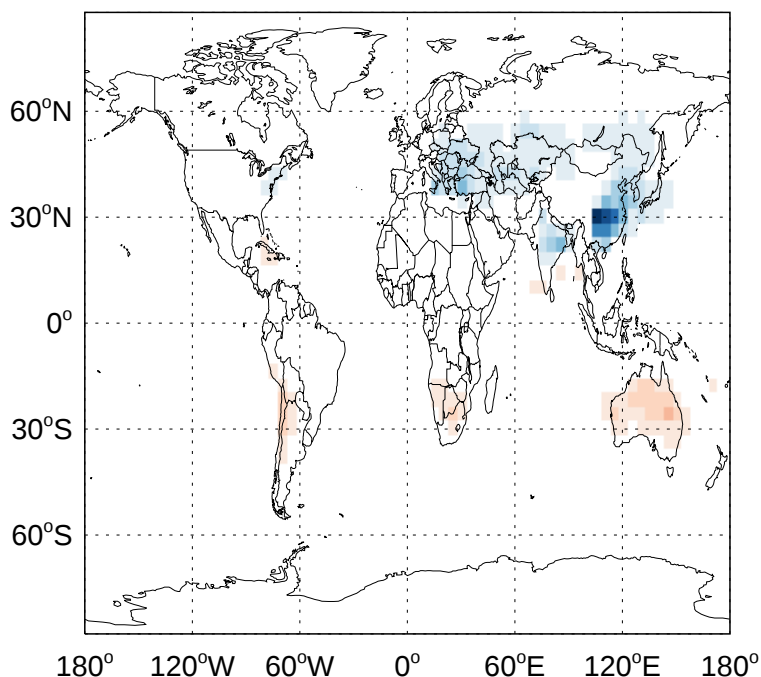
v11-02d - v11-02c

JBr2 - J-Value Diff @ 500 hPa for Jan



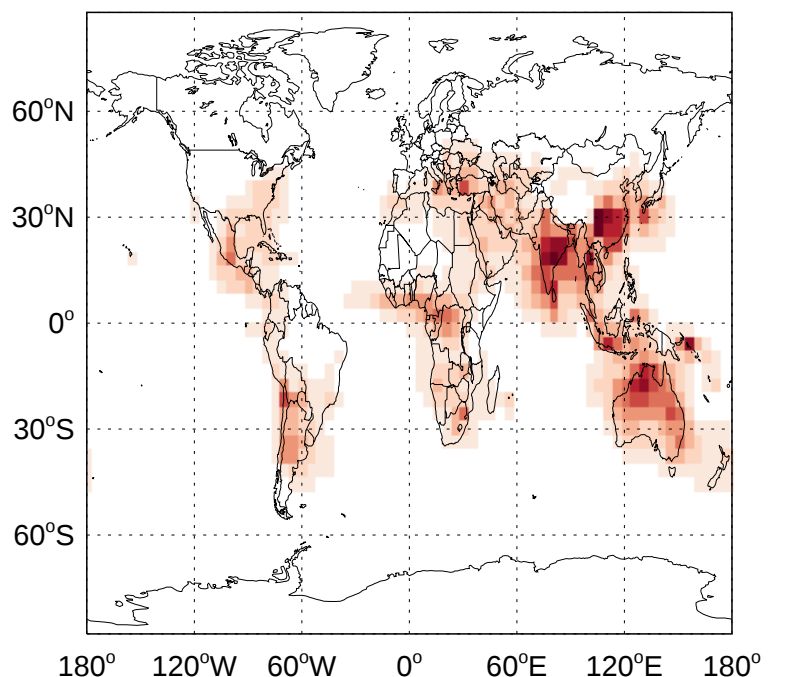
v11-02d - v11-02a

JBr2 - J-Value Diff @ surface for Jan



v11-02d - v11-02a

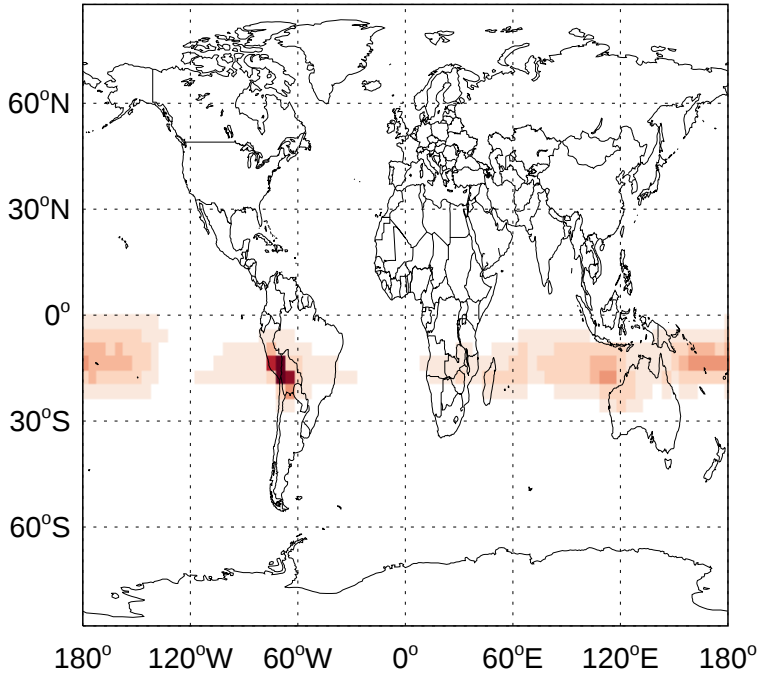
JBr2 - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

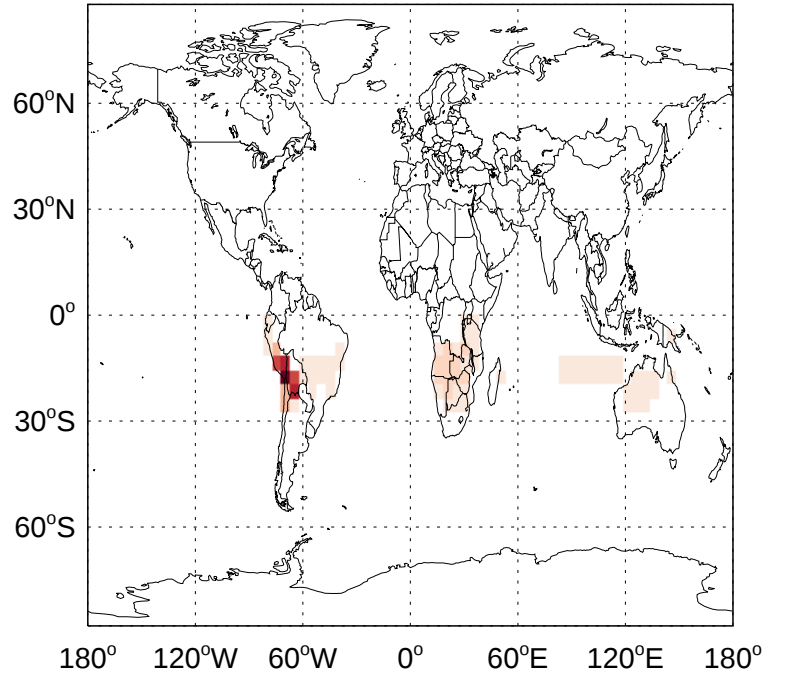
v11-02d - v11-02c

JO2 - J-Value Diff @ surface for Jan



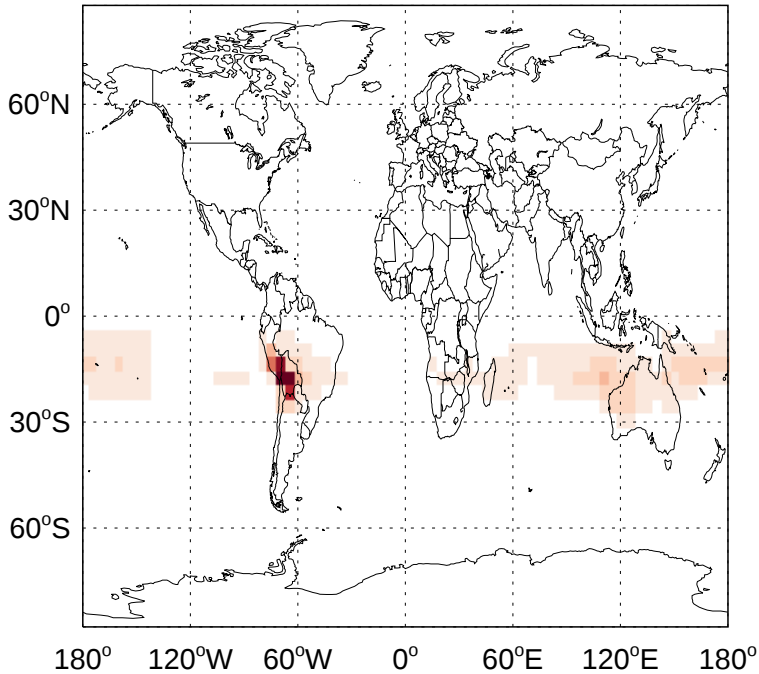
v11-02d - v11-02c

JO2 - J-Value Diff @ 500 hPa for Jan



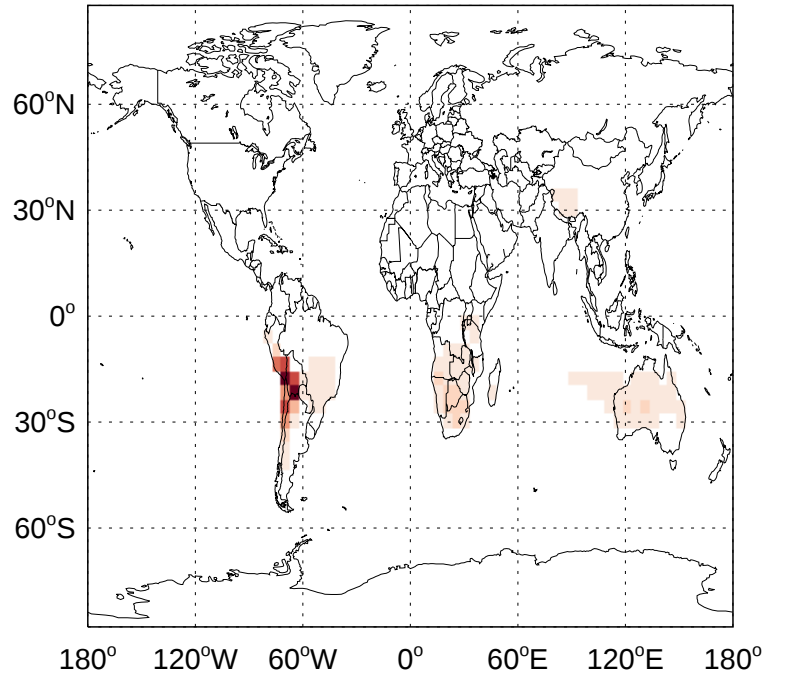
v11-02d - v11-02a

JO2 - J-Value Diff @ surface for Jan



v11-02d - v11-02a

JO2 - J-Value Diff @ 500 hPa for Jan



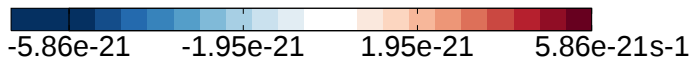
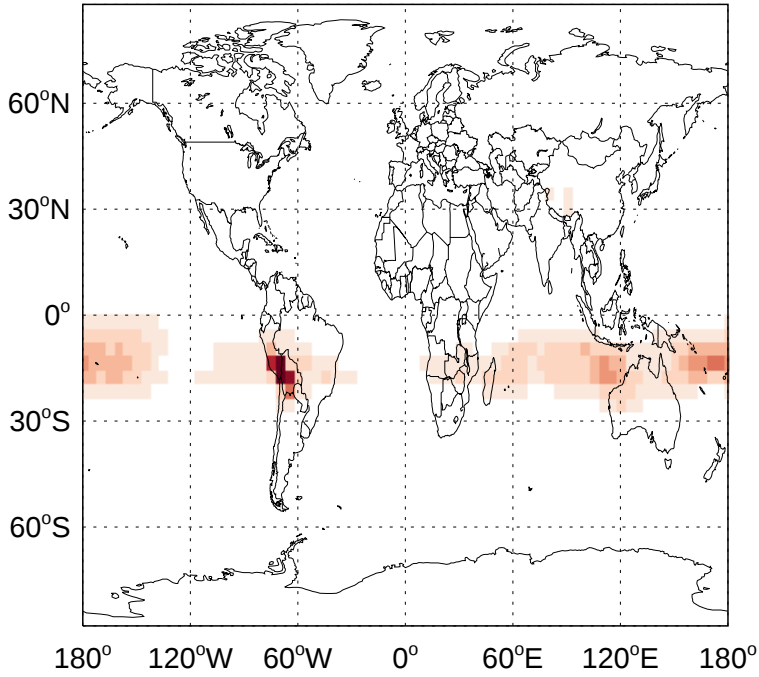
-5.38×10^{-23} -1.79×10^{-23} 1.79×10^{-23} $5.38 \times 10^{-23} \text{ s}^{-1}$

-1.93×10^{-20} -6.44×10^{-21} 6.44×10^{-21} $1.93 \times 10^{-20} \text{ s}^{-1}$

GEOS-Chem J-Values at surface and 500 hPa

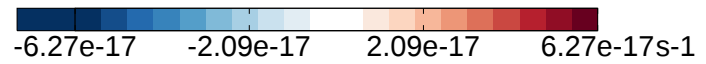
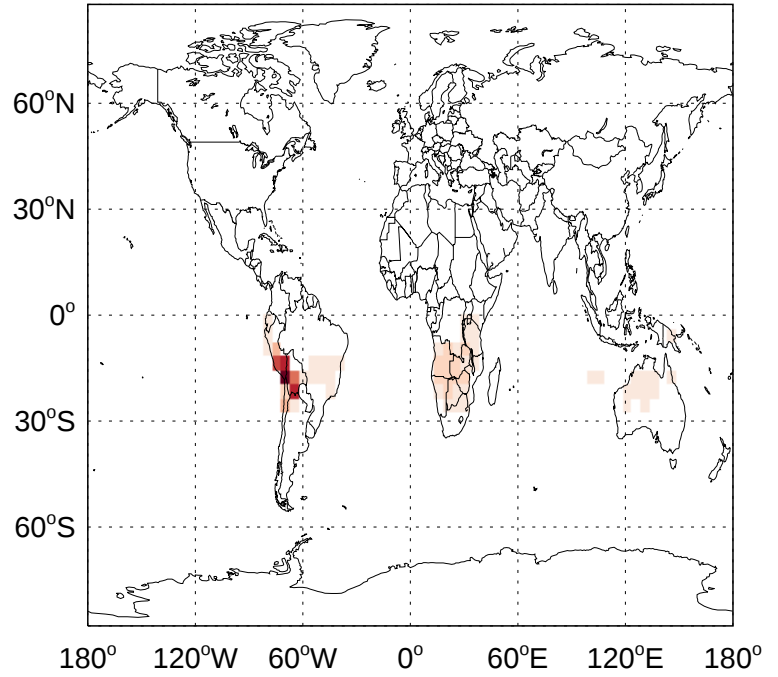
v11-02d - v11-02c

JN2O - J-Value Diff @ surface for Jan



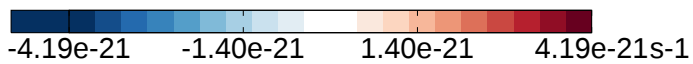
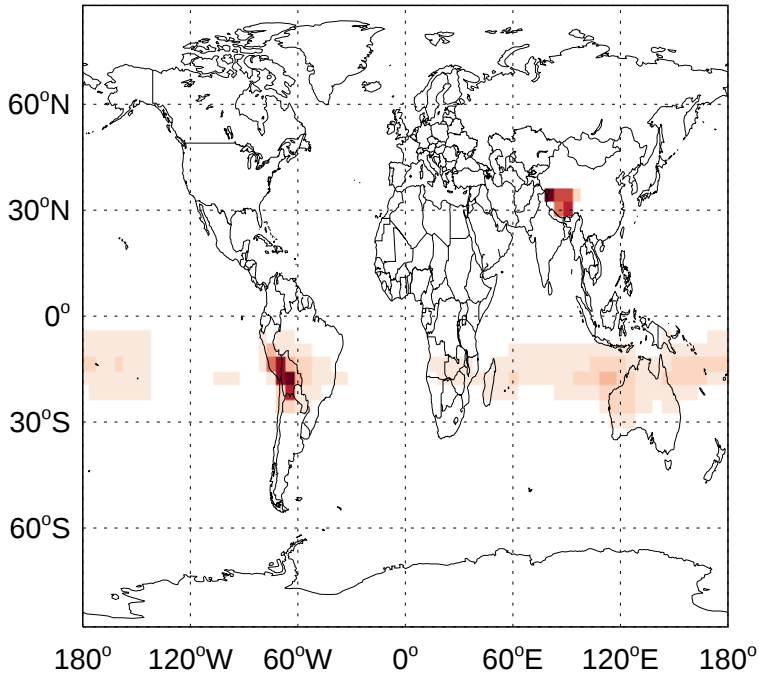
v11-02d - v11-02c

JN2O - J-Value Diff @ 500 hPa for Jan



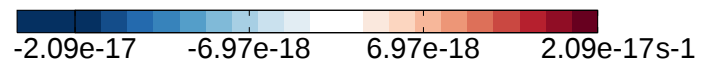
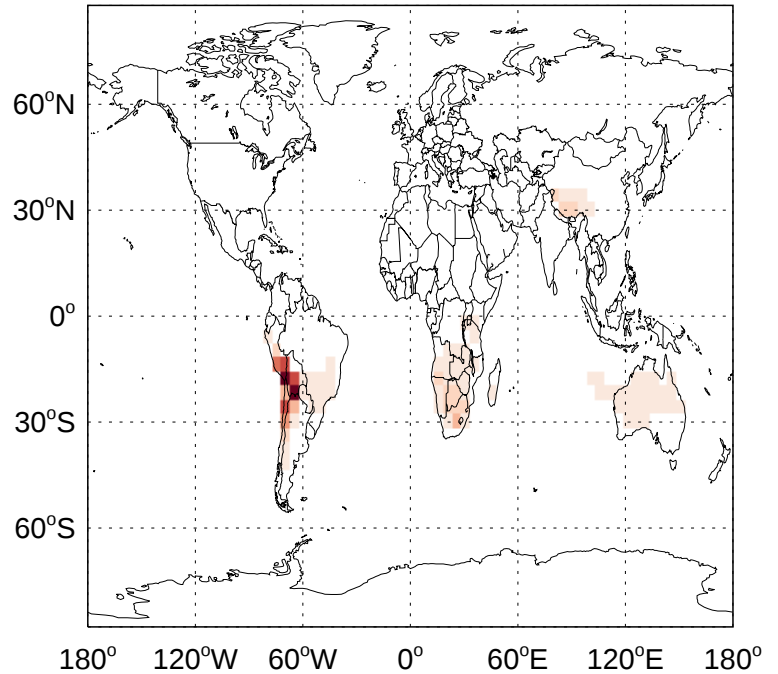
v11-02d - v11-02a

JN2O - J-Value Diff @ surface for Jan



v11-02d - v11-02a

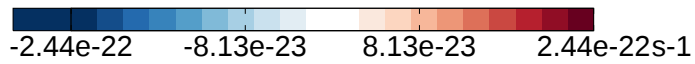
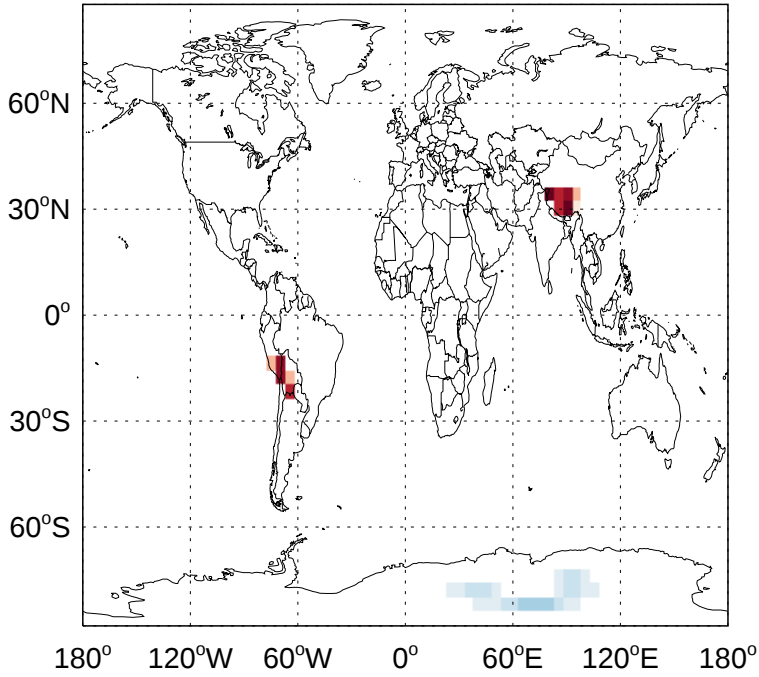
JN2O - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

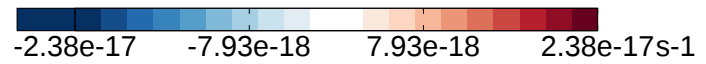
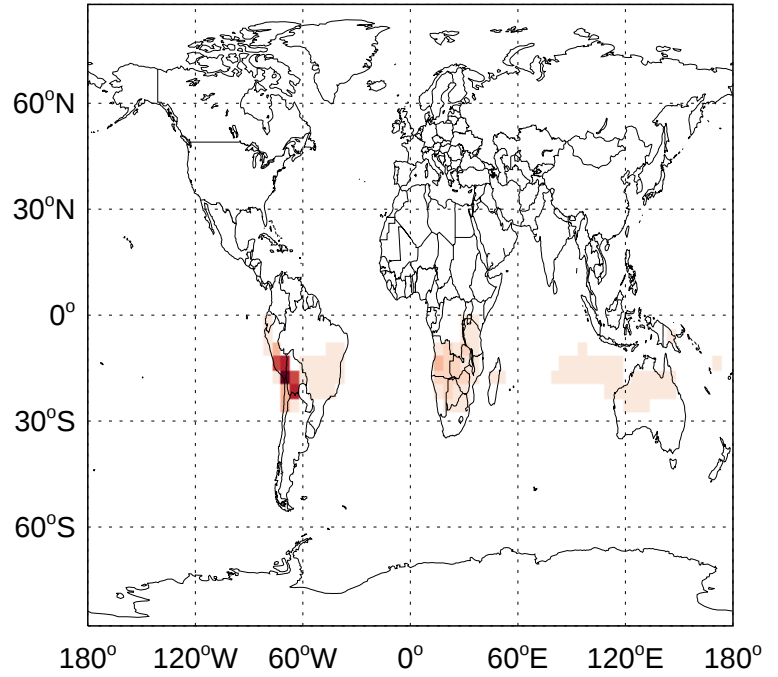
v11-02d - v11-02c

JNO - J-Value Diff @ surface for Jan



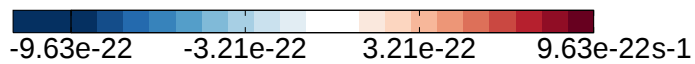
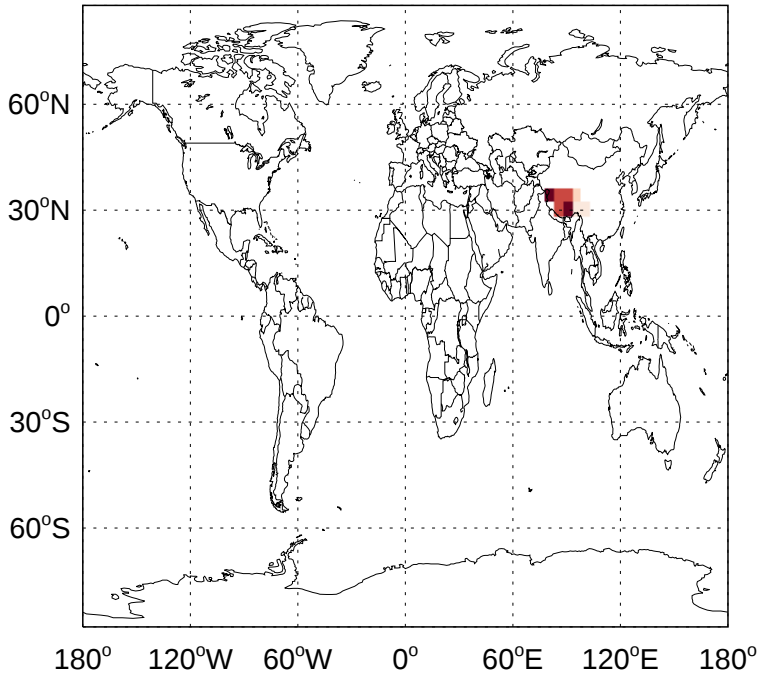
v11-02d - v11-02c

JNO - J-Value Diff @ 500 hPa for Jan



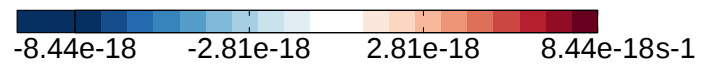
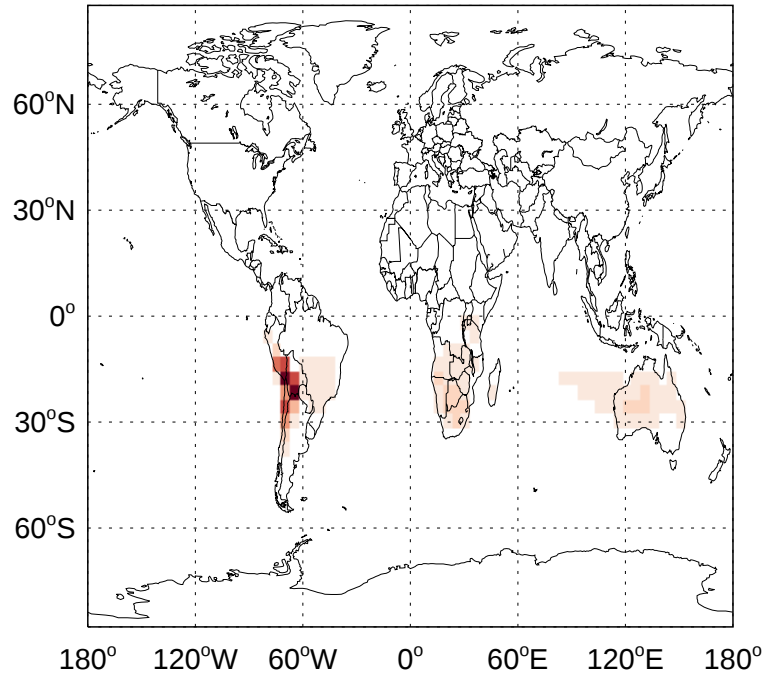
v11-02d - v11-02a

JNO - J-Value Diff @ surface for Jan



v11-02d - v11-02a

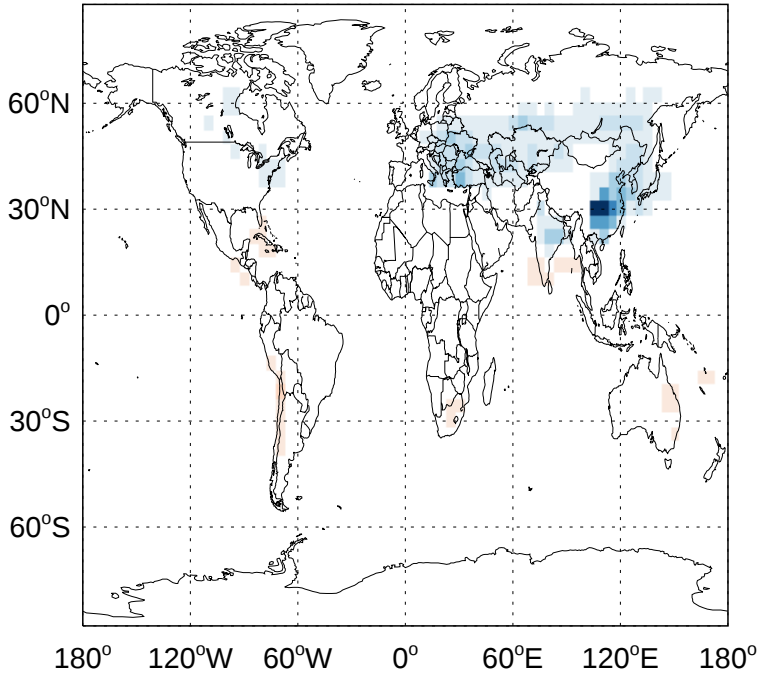
JNO - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

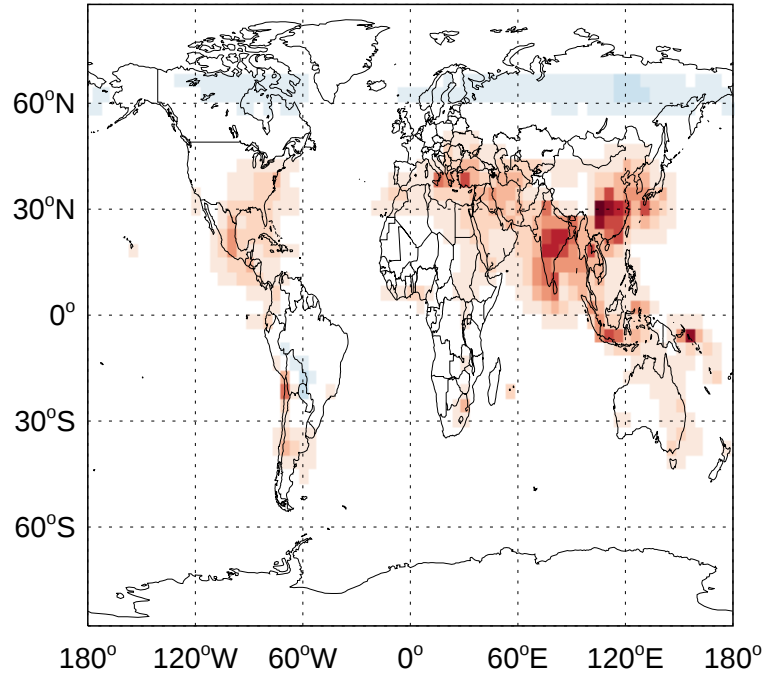
v11-02d - v11-02c

JNO3 - J-Value Diff @ surface for Jan



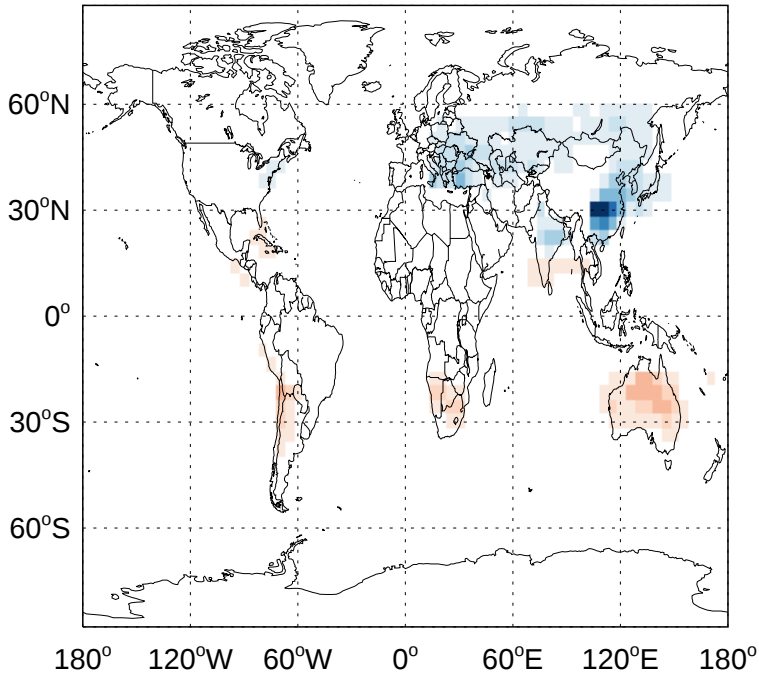
v11-02d - v11-02c

JNO3 - J-Value Diff @ 500 hPa for Jan



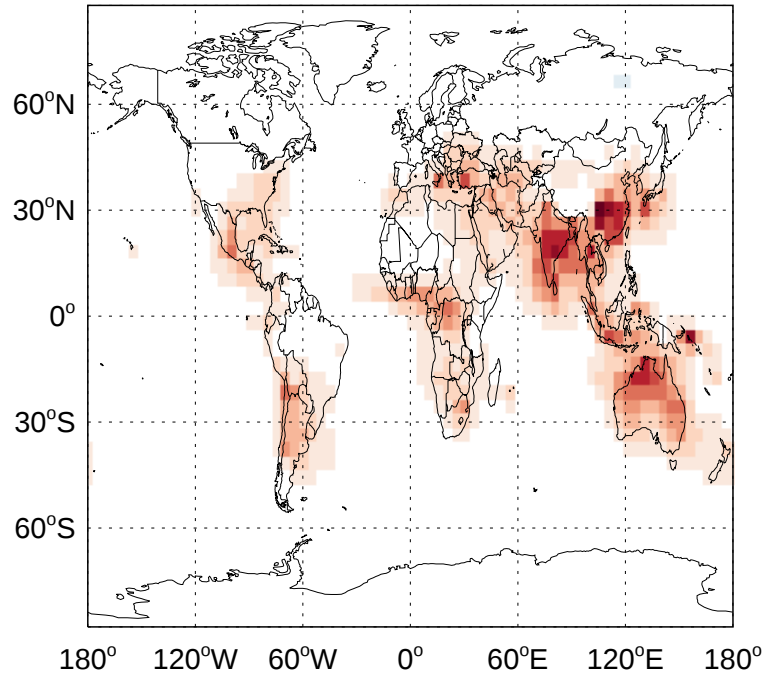
v11-02d - v11-02a

JNO3 - J-Value Diff @ surface for Jan



v11-02d - v11-02a

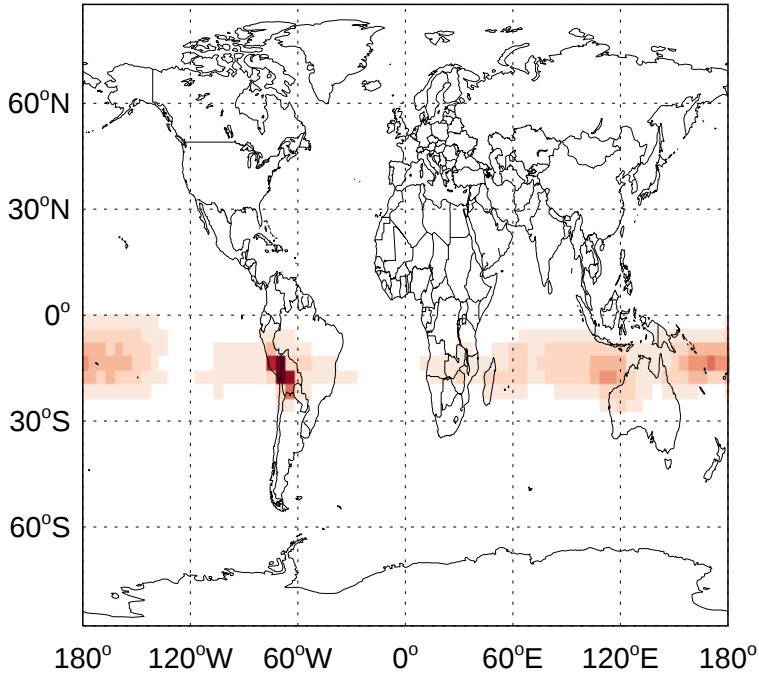
JNO3 - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

v11-02d - v11-02c

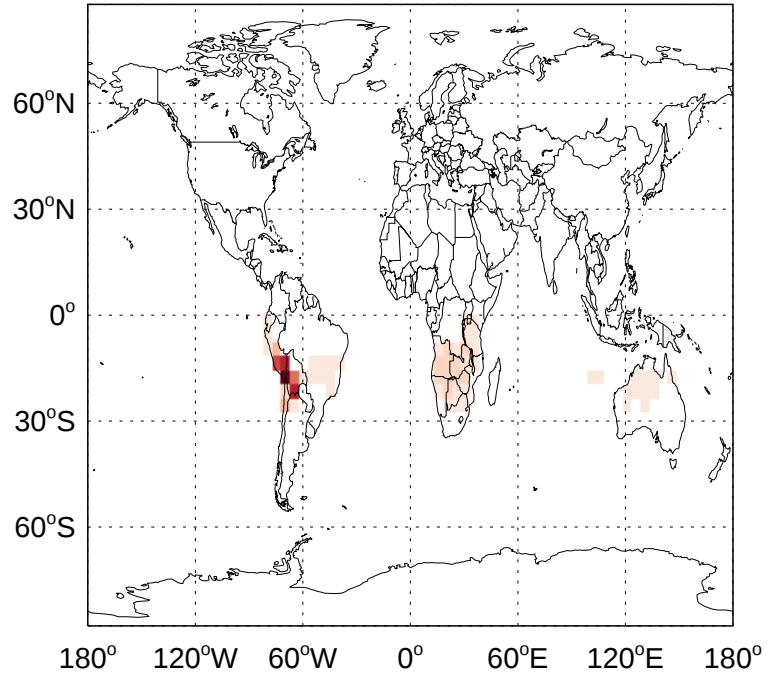
JCFC11 - J-Value Diff @ surface for Jan



-1.88e-19 -6.27e-20 6.27e-20 1.88e-19s-1

v11-02d - v11-02c

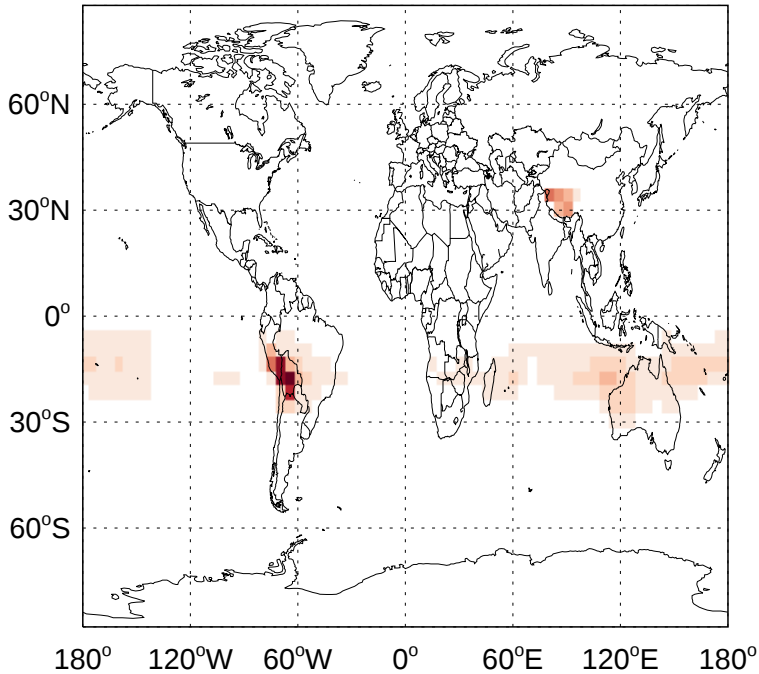
JCFC11 - J-Value Diff @ 500 hPa for Jan



-1.26e-15 -4.19e-16 4.19e-16 1.26e-15s-1

v11-02d - v11-02a

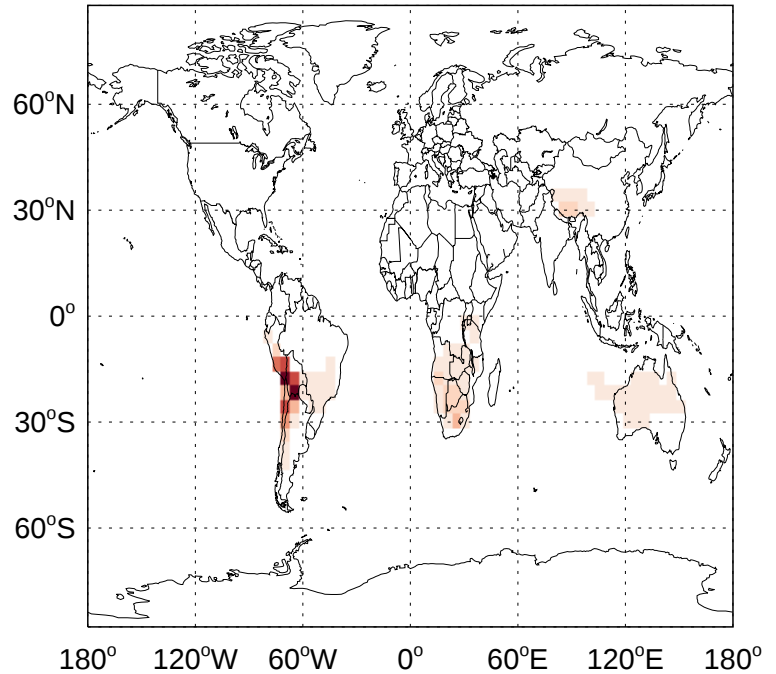
JCFC11 - J-Value Diff @ surface for Jan



-1.35e-19 -4.51e-20 4.51e-20 1.35e-19s-1

v11-02d - v11-02a

JCFC11 - J-Value Diff @ 500 hPa for Jan

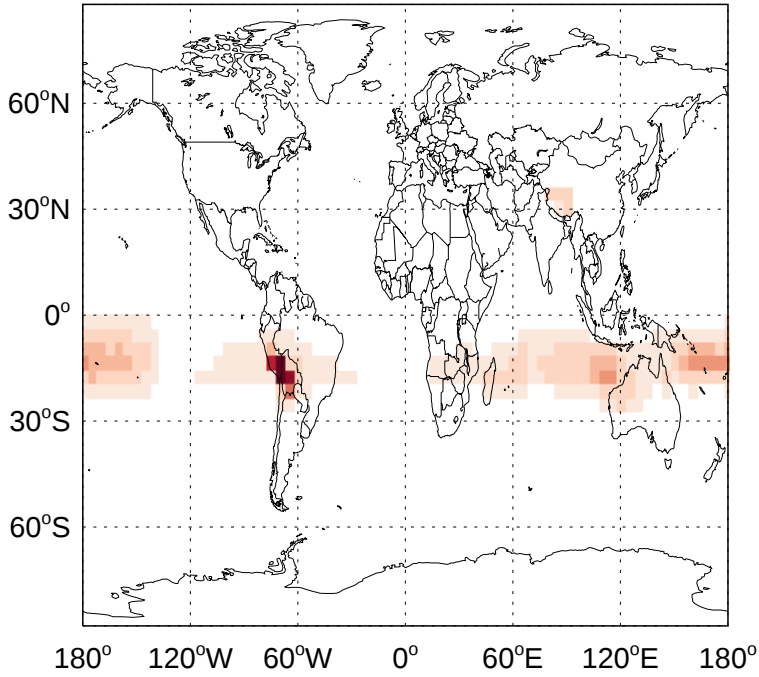


-4.22e-16 -1.41e-16 1.41e-16 4.22e-16s-1

GEOS-Chem J-Values at surface and 500 hPa

v11-02d - v11-02c

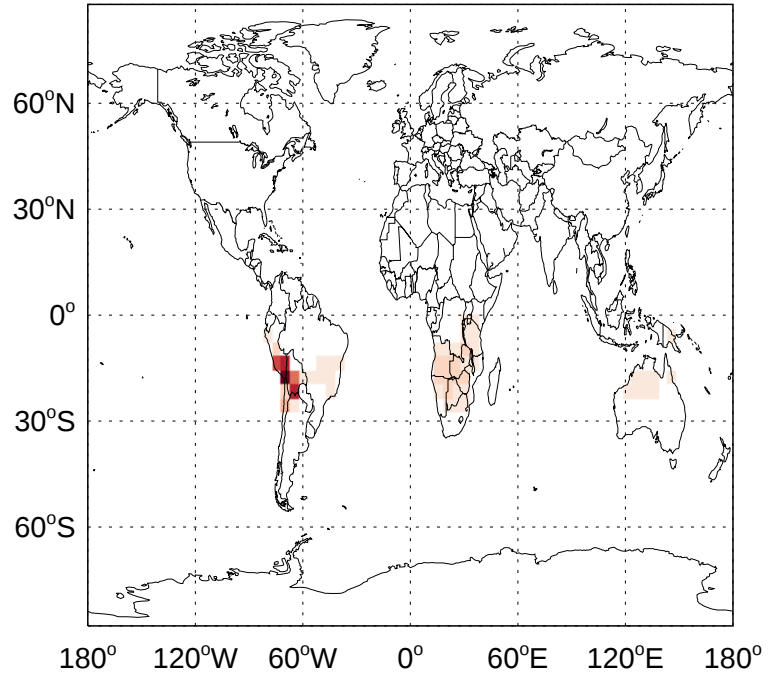
JCFC12 - J-Value Diff @ surface for Jan



-3.71e-21 -1.24e-21 1.24e-21 3.71e-21s-1

v11-02d - v11-02c

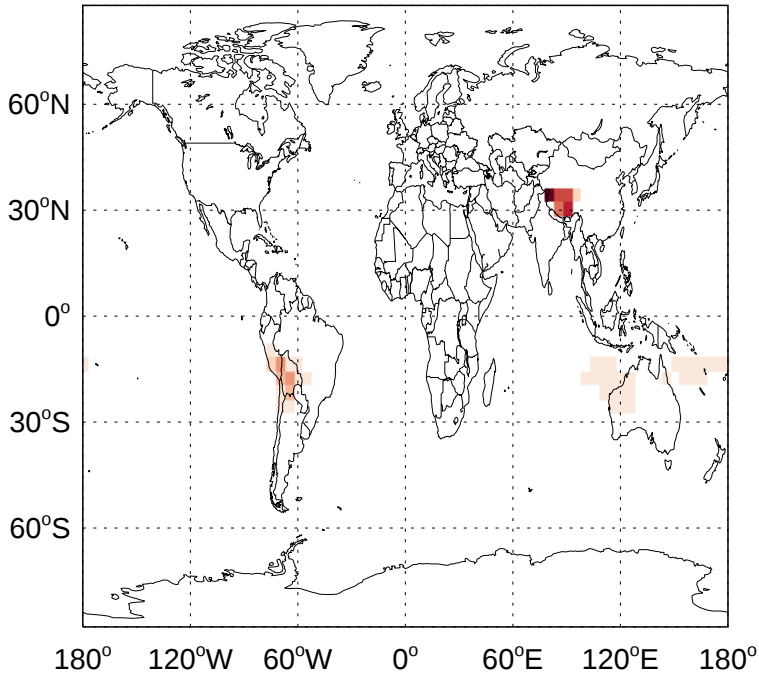
JCFC12 - J-Value Diff @ 500 hPa for Jan



-8.72e-17 -2.91e-17 2.91e-17 8.72e-17s-1

v11-02d - v11-02a

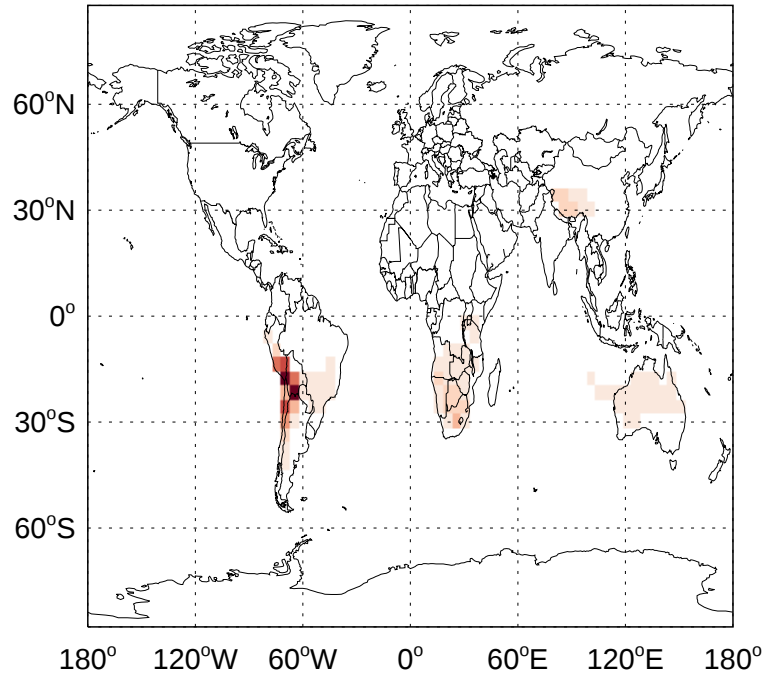
JCFC12 - J-Value Diff @ surface for Jan



-5.38e-21 -1.79e-21 1.79e-21 5.38e-21s-1

v11-02d - v11-02a

JCFC12 - J-Value Diff @ 500 hPa for Jan

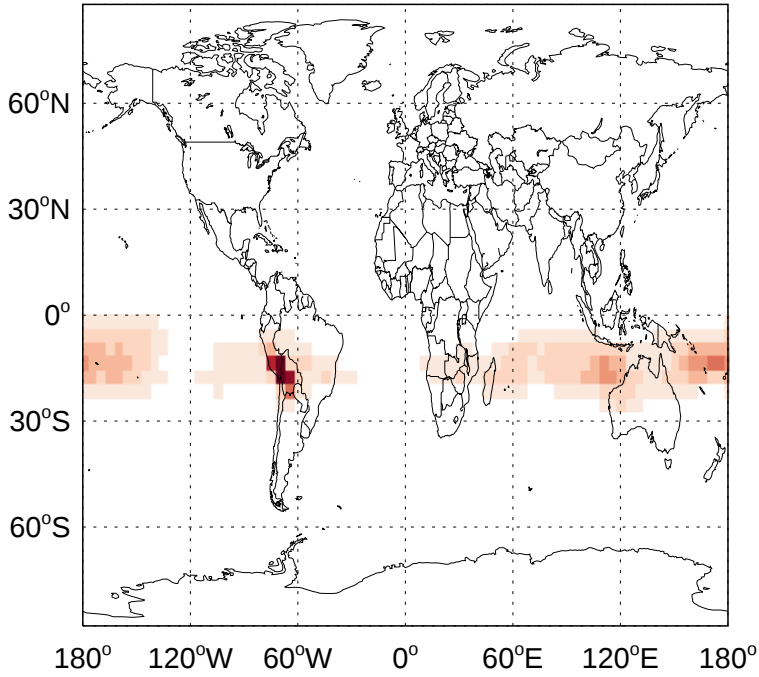


-2.88e-17 -9.60e-18 9.60e-18 2.88e-17s-1

GEOS-Chem J-Values at surface and 500 hPa

v11-02d - v11-02c

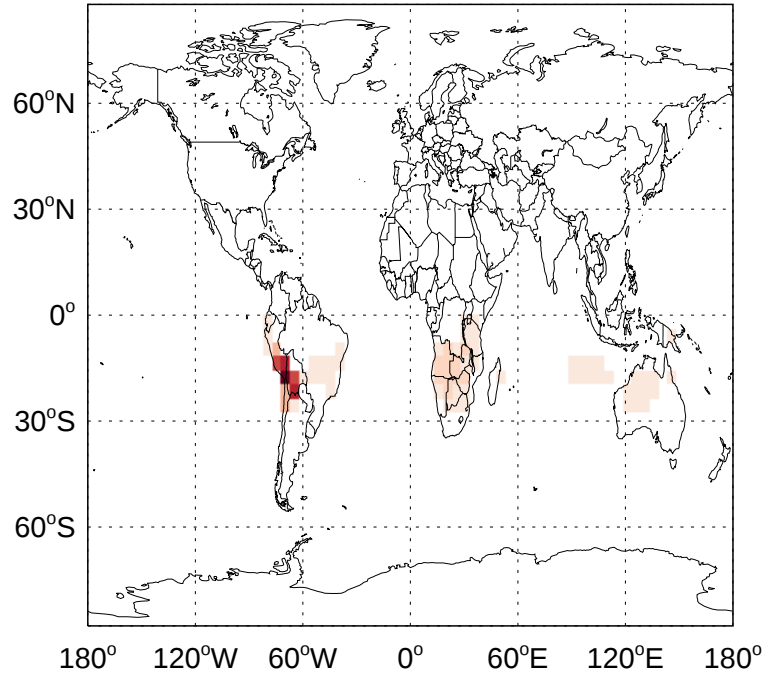
JCCI4 - J-Value Diff @ surface for Jan



-1.78×10^{-18} -5.93×10^{-19} 5.93×10^{-19} $1.78 \times 10^{-18} \text{ s}^{-1}$

v11-02d - v11-02c

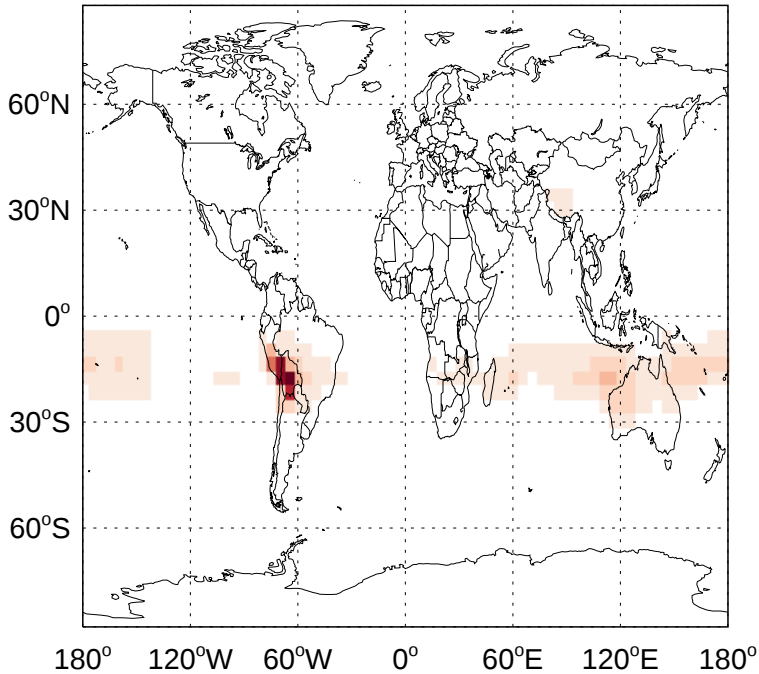
JCCI4 - J-Value Diff @ 500 hPa for Jan



-3.69×10^{-15} -1.23×10^{-15} 1.23×10^{-15} $3.69 \times 10^{-15} \text{ s}^{-1}$

v11-02d - v11-02a

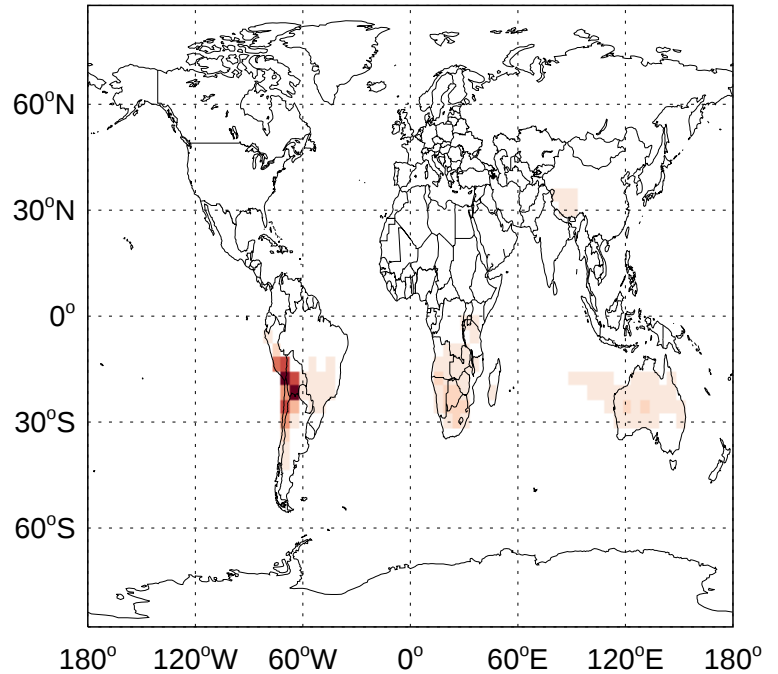
JCCI4 - J-Value Diff @ surface for Jan



-1.29×10^{-18} -4.29×10^{-19} 4.29×10^{-19} $1.29 \times 10^{-18} \text{ s}^{-1}$

v11-02d - v11-02a

JCCI4 - J-Value Diff @ 500 hPa for Jan

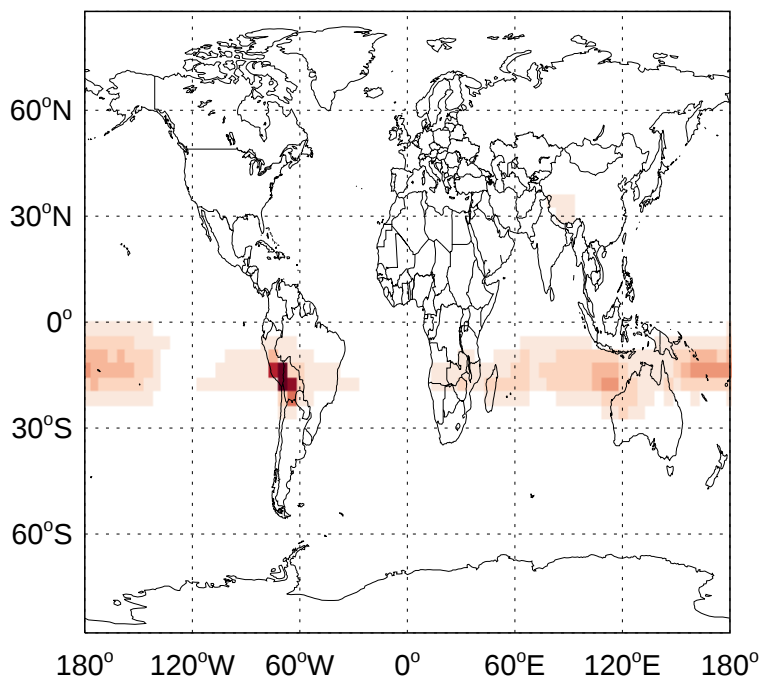


-1.26×10^{-15} -4.20×10^{-16} 4.20×10^{-16} $1.26 \times 10^{-15} \text{ s}^{-1}$

GEOS-Chem J-Values at surface and 500 hPa

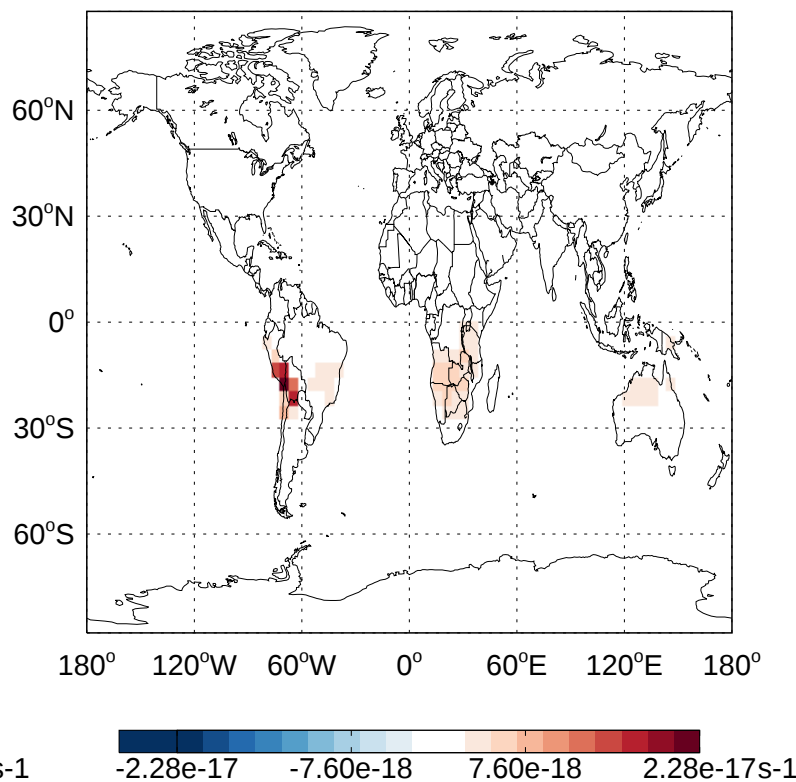
v11-02d - v11-02c

JCH3Cl - J-Value Diff @ surface for Jan



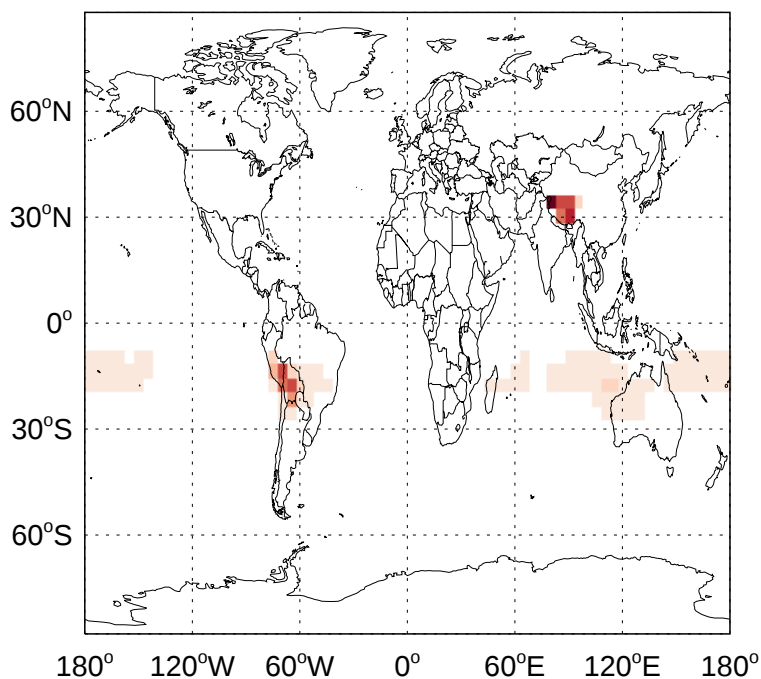
v11-02d - v11-02c

JCH3Cl - J-Value Diff @ 500 hPa for Jan



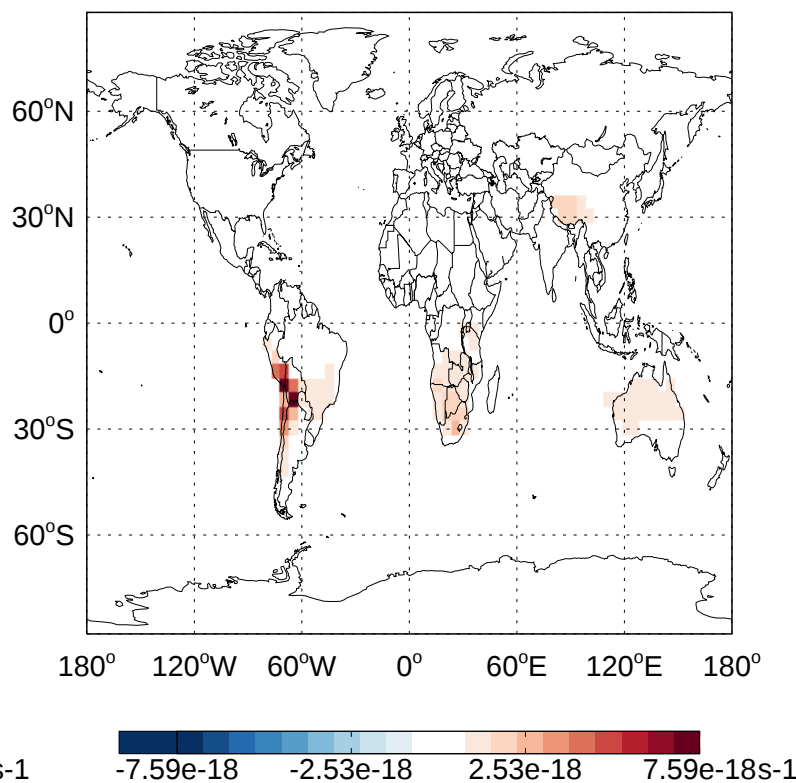
v11-02d - v11-02a

JCH3Cl - J-Value Diff @ surface for Jan



v11-02d - v11-02a

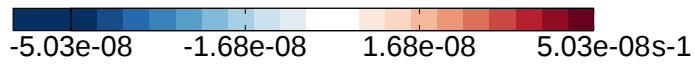
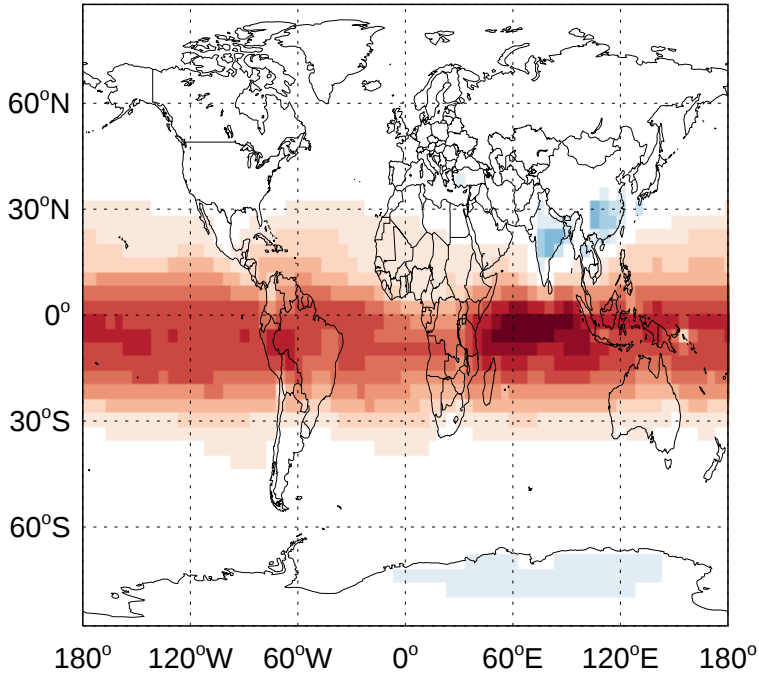
JCH3Cl - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

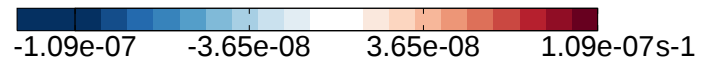
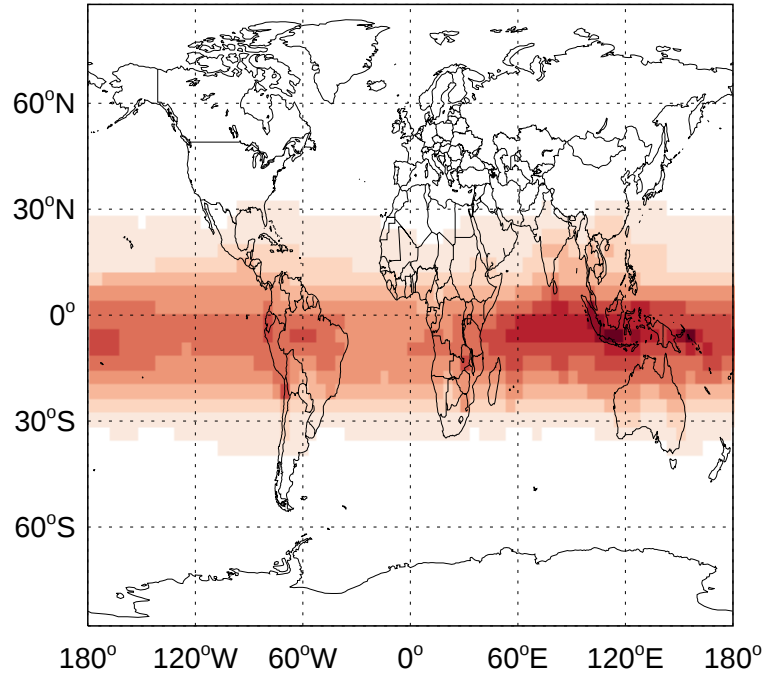
v11-02d - v11-02c

JACET - J-Value Diff @ surface for Jan



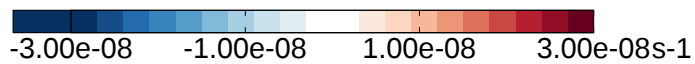
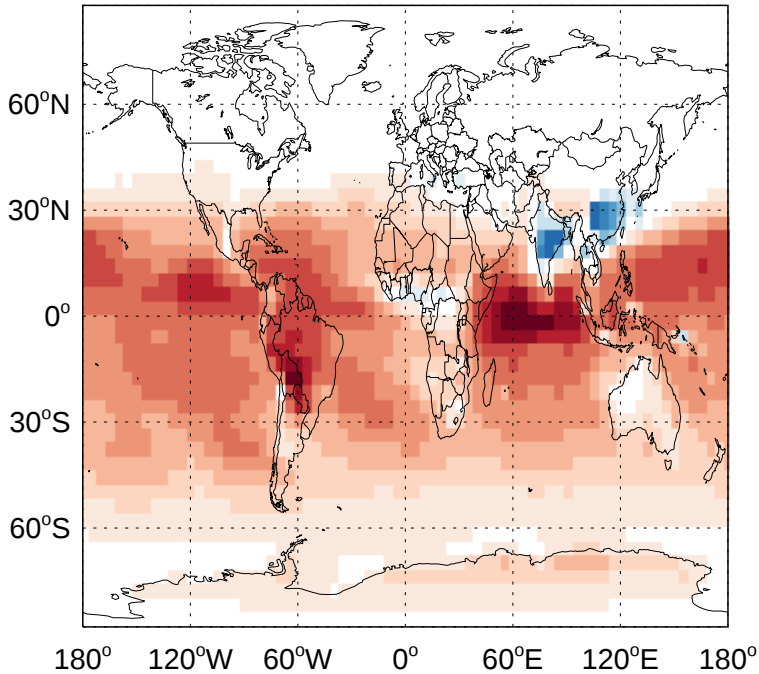
v11-02d - v11-02c

JACET - J-Value Diff @ 500 hPa for Jan



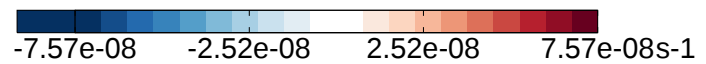
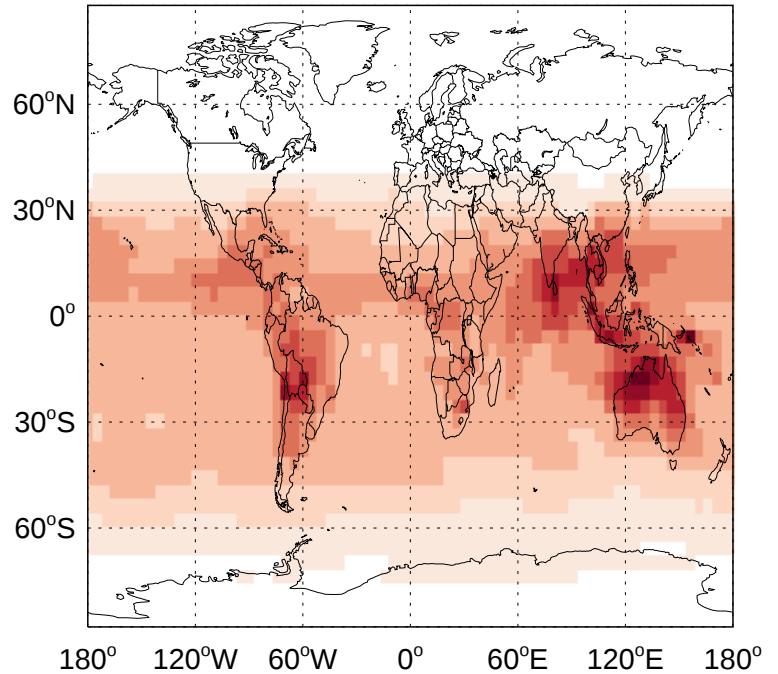
v11-02d - v11-02a

JACET - J-Value Diff @ surface for Jan



v11-02d - v11-02a

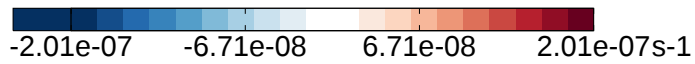
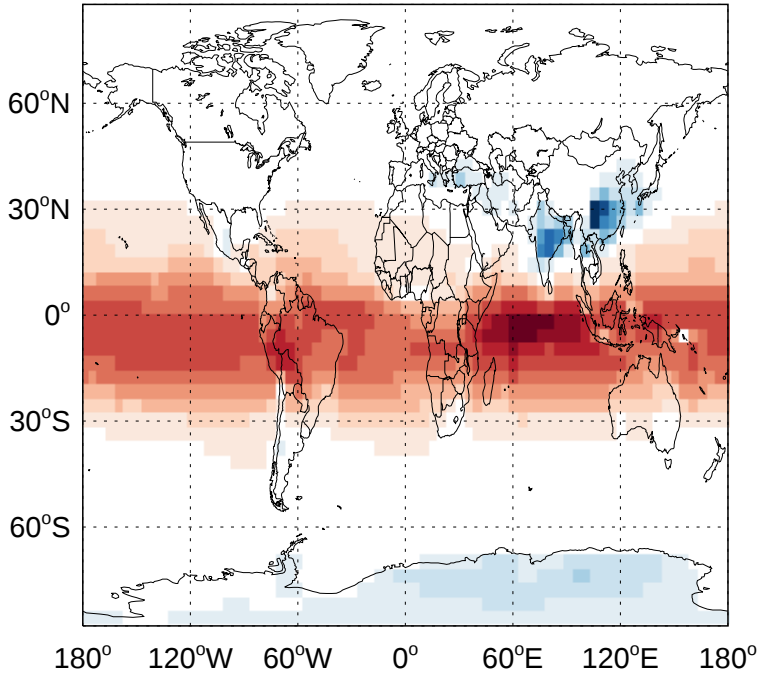
JACET - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

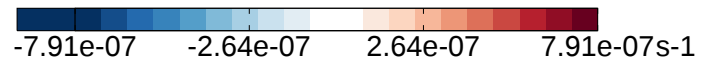
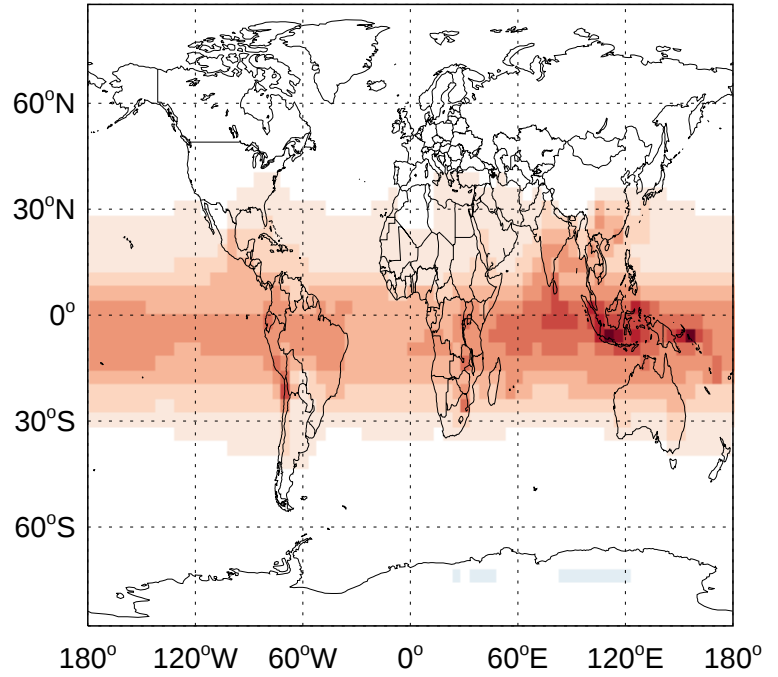
v11-02d - v11-02c

JALD2 - J-Value Diff @ surface for Jan



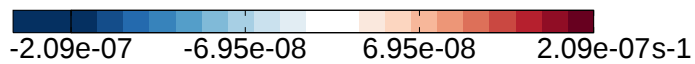
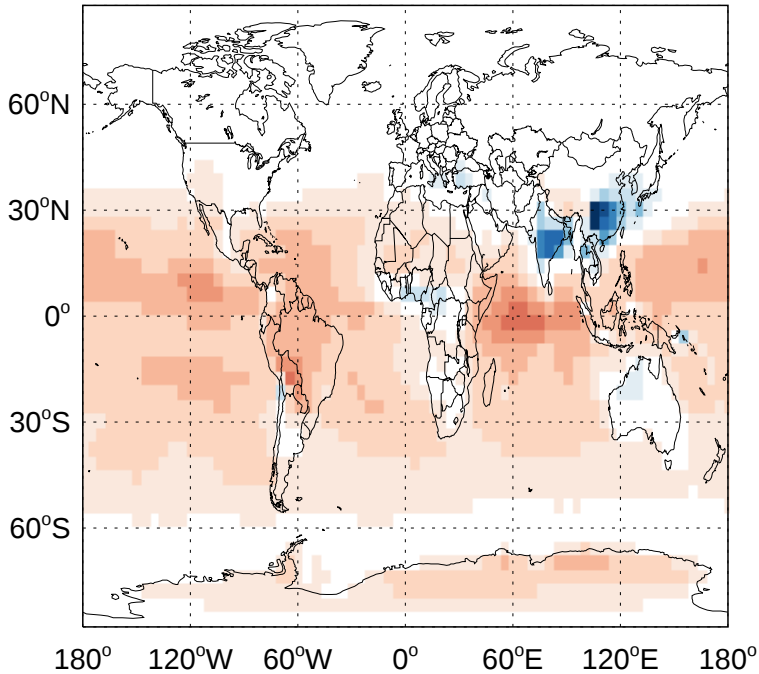
v11-02d - v11-02c

JALD2 - J-Value Diff @ 500 hPa for Jan



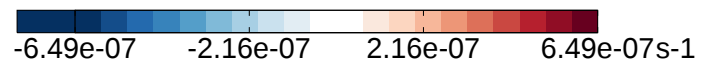
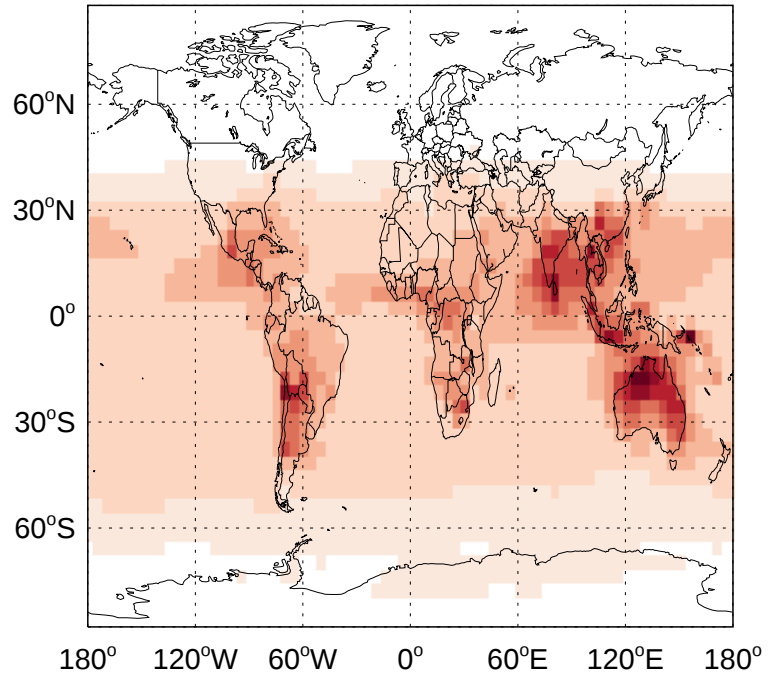
v11-02d - v11-02a

JALD2 - J-Value Diff @ surface for Jan



v11-02d - v11-02a

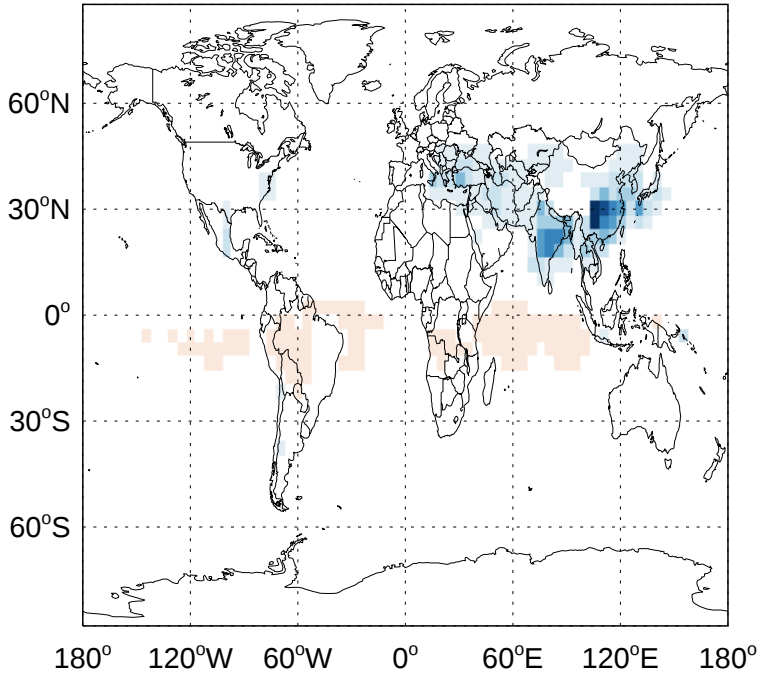
JALD2 - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

v11-02d - v11-02c

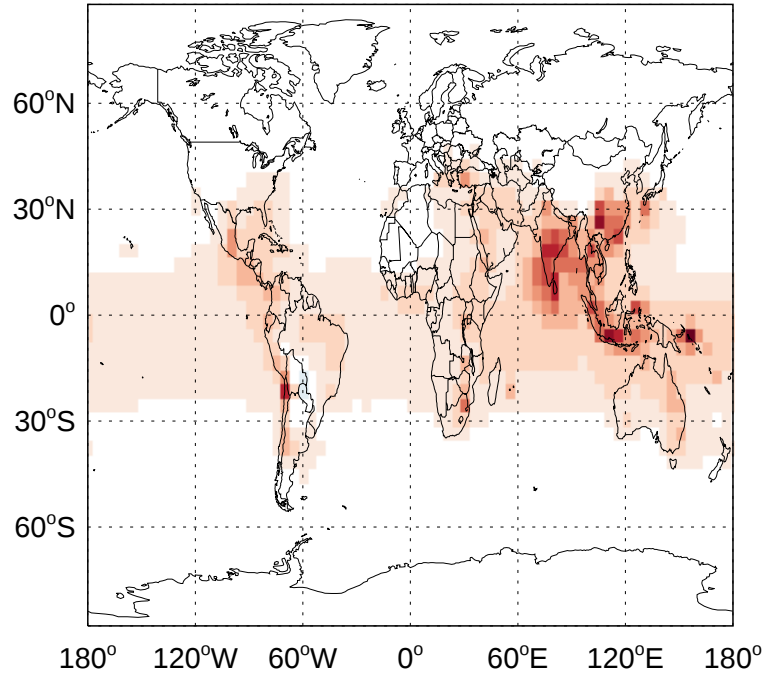
JMVK - J-Value Diff @ surface for Jan



-2.98e-07 -9.92e-08 9.92e-08 2.98e-07s-1

v11-02d - v11-02c

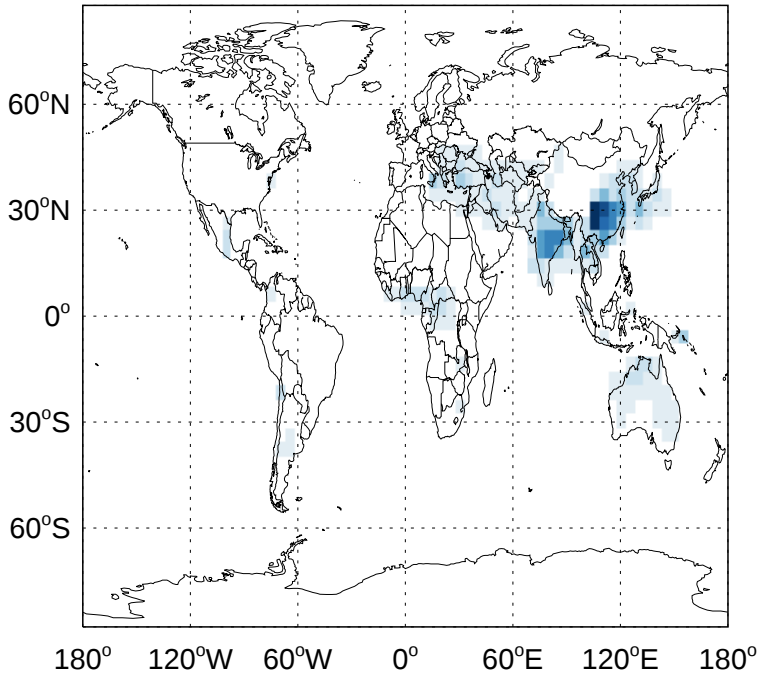
JMVK - J-Value Diff @ 500 hPa for Jan



-5.43e-07 -1.81e-07 1.81e-07 5.43e-07s-1

v11-02d - v11-02a

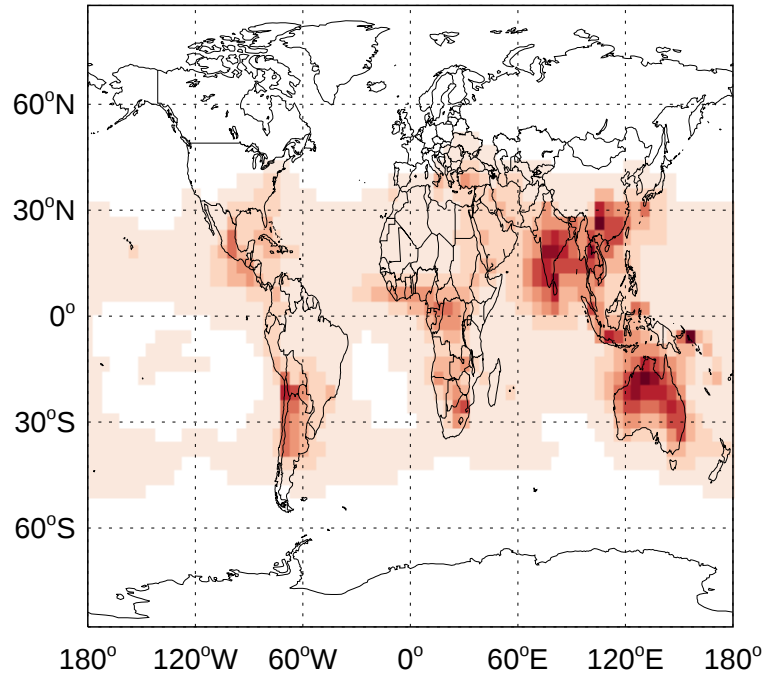
JMVK - J-Value Diff @ surface for Jan



-3.19e-07 -1.06e-07 1.06e-07 3.19e-07s-1

v11-02d - v11-02a

JMVK - J-Value Diff @ 500 hPa for Jan

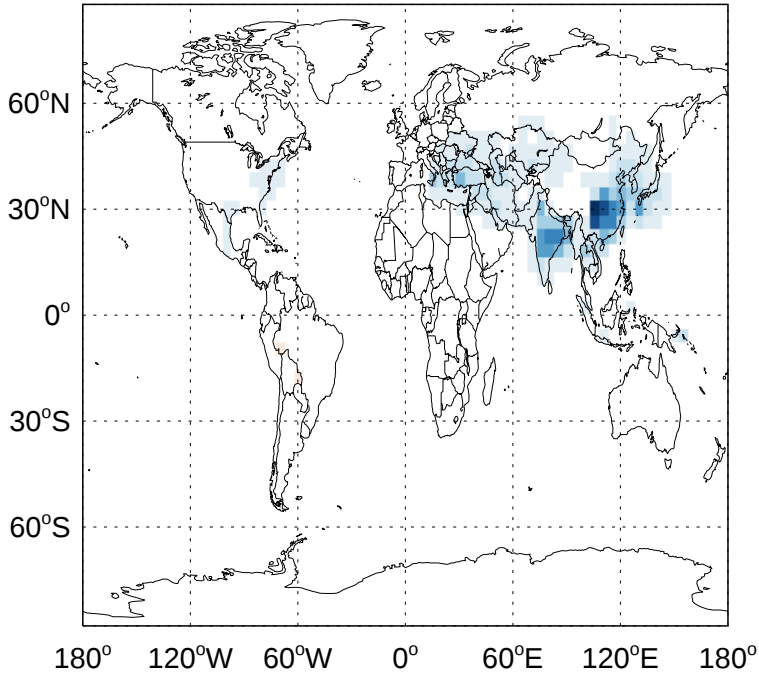


-5.47e-07 -1.82e-07 1.82e-07 5.47e-07s-1

GEOS-Chem J-Values at surface and 500 hPa

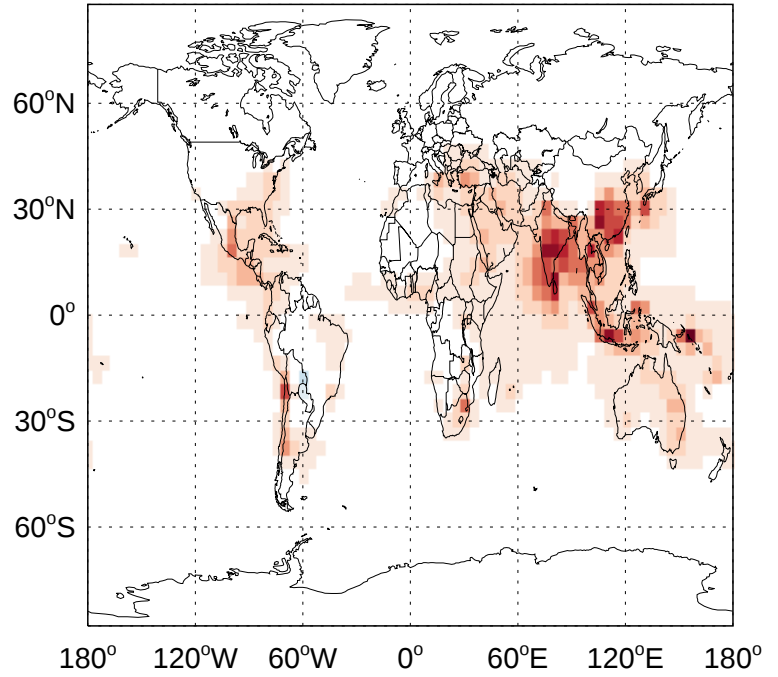
v11-02d - v11-02c

JMACR - J-Value Diff @ surface for Jan



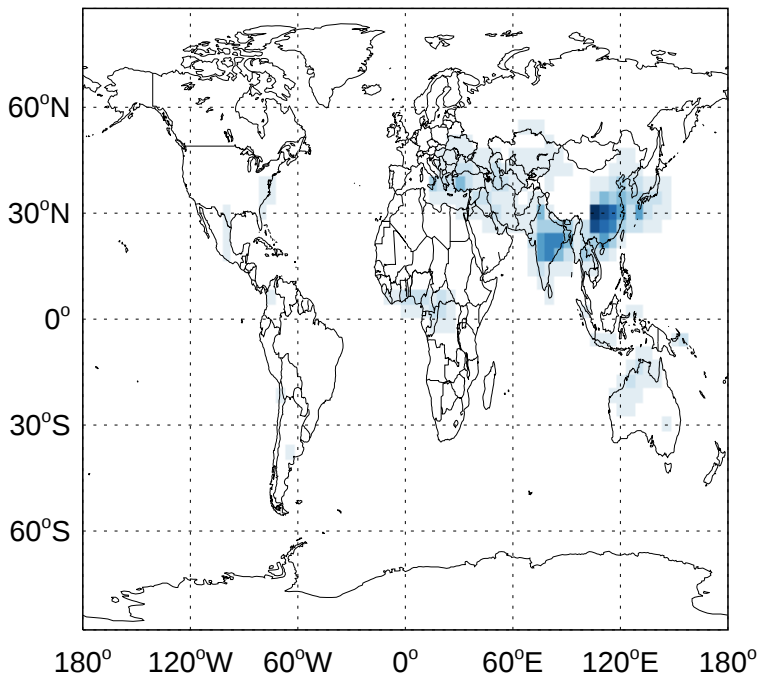
v11-02d - v11-02c

JMACR - J-Value Diff @ 500 hPa for Jan



v11-02d - v11-02a

JMACR - J-Value Diff @ surface for Jan



v11-02d - v11-02a

JMACR - J-Value Diff @ 500 hPa for Jan

