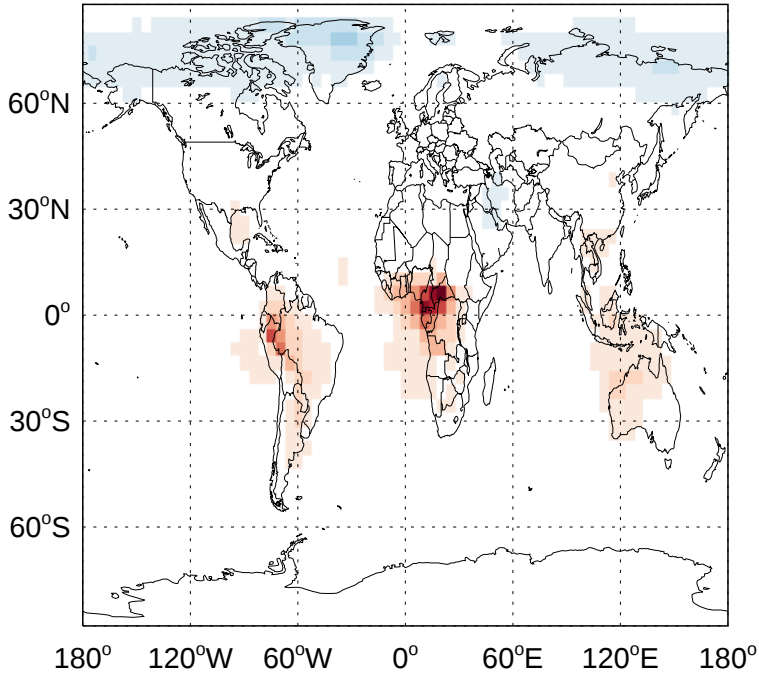


GEOS-Chem J-Values at surface and 500 hPa

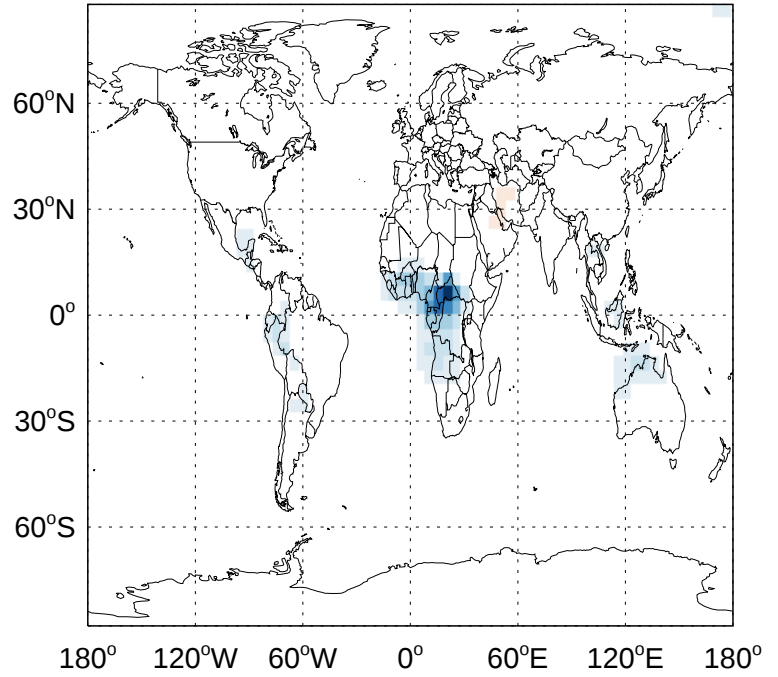
v11-02d - v11-02c

JNO2 - J-Value Diff @ surface for Apr



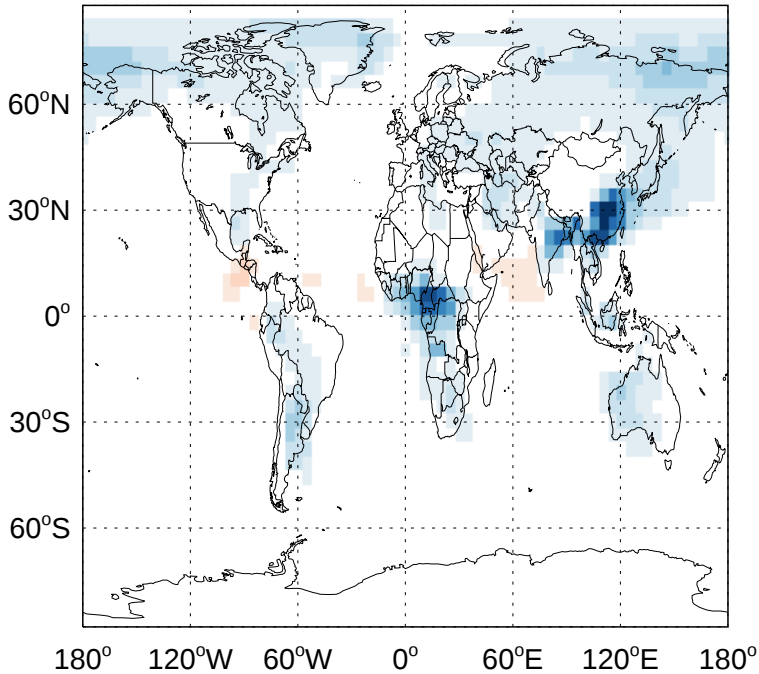
v11-02d - v11-02c

JNO2 - J-Value Diff @ 500 hPa for Apr



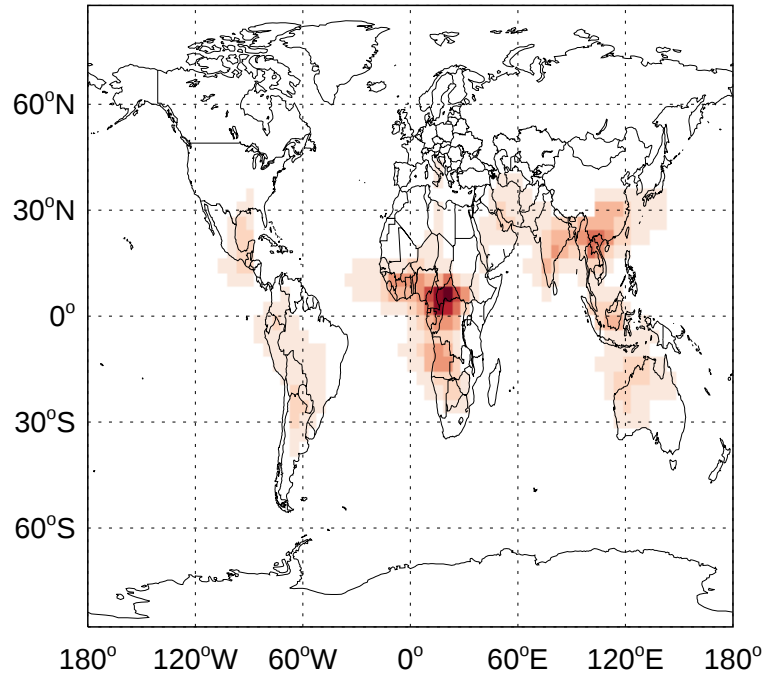
v11-02d - v11-02a

JNO2 - J-Value Diff @ surface for Apr



v11-02d - v11-02a

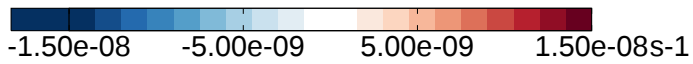
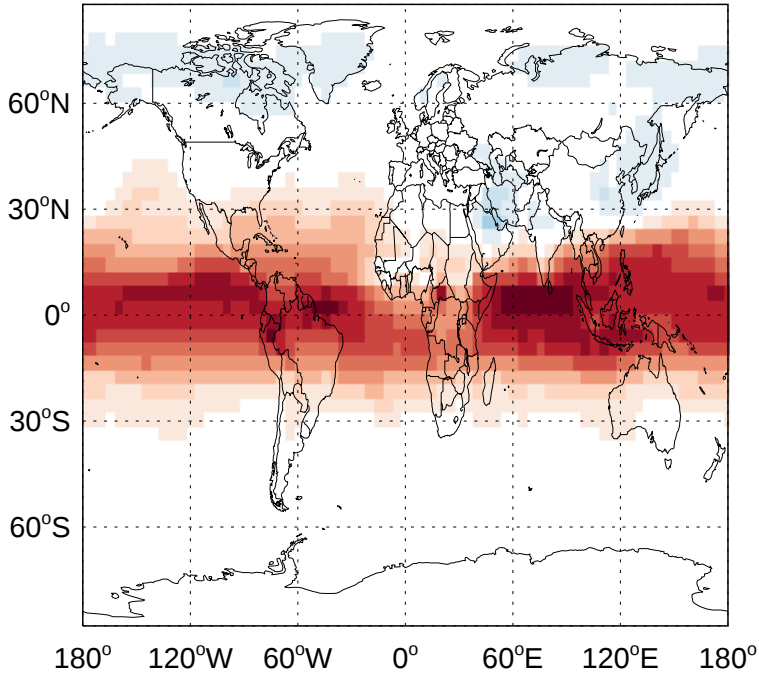
JNO2 - J-Value Diff @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

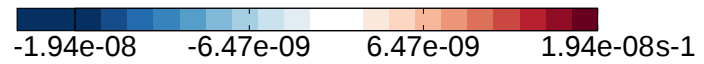
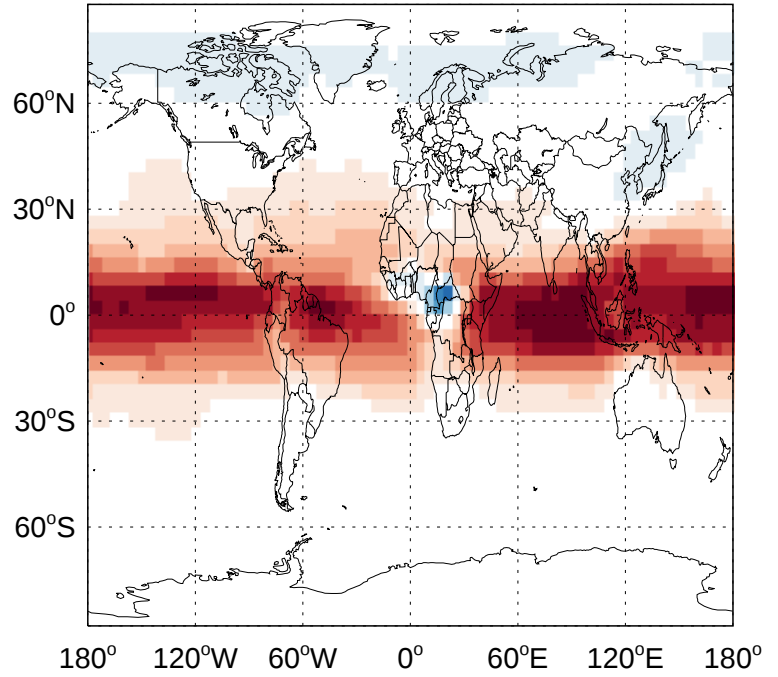
v11-02d - v11-02c

JHNO3 - J-Value Diff @ surface for Apr



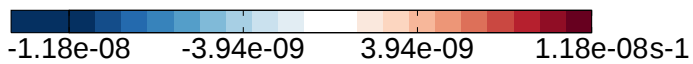
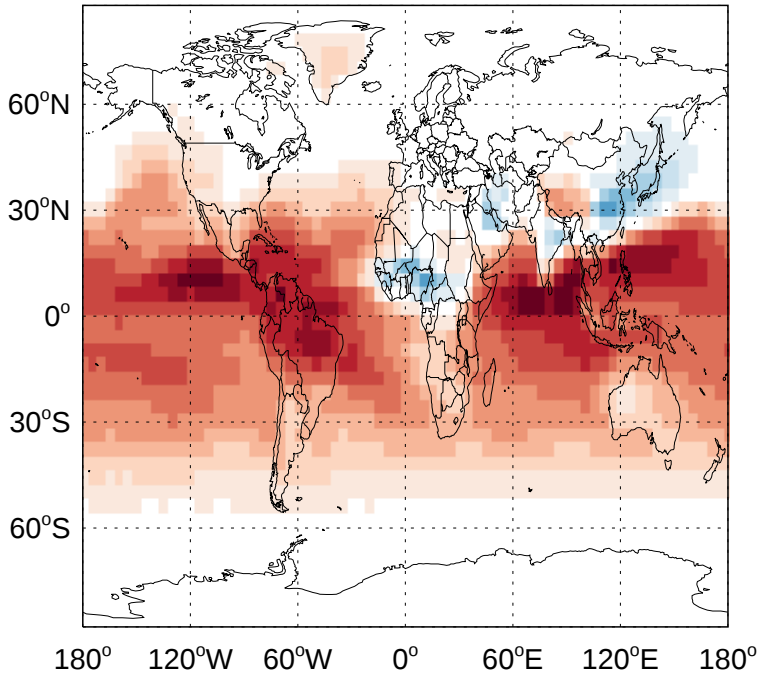
v11-02d - v11-02c

JHNO3 - J-Value Diff @ 500 hPa for Apr



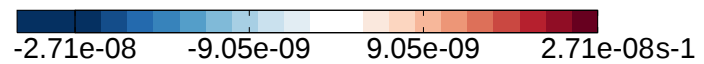
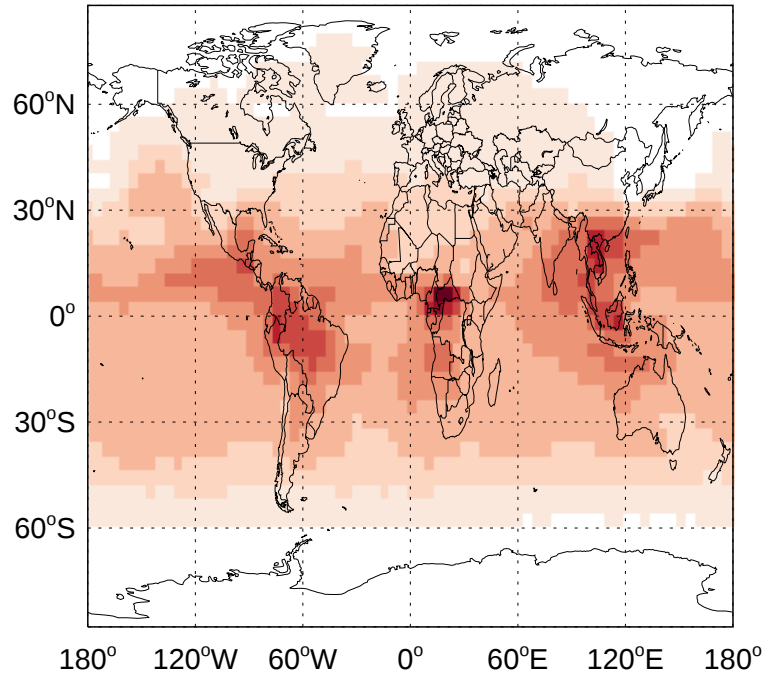
v11-02d - v11-02a

JHNO3 - J-Value Diff @ surface for Apr



v11-02d - v11-02a

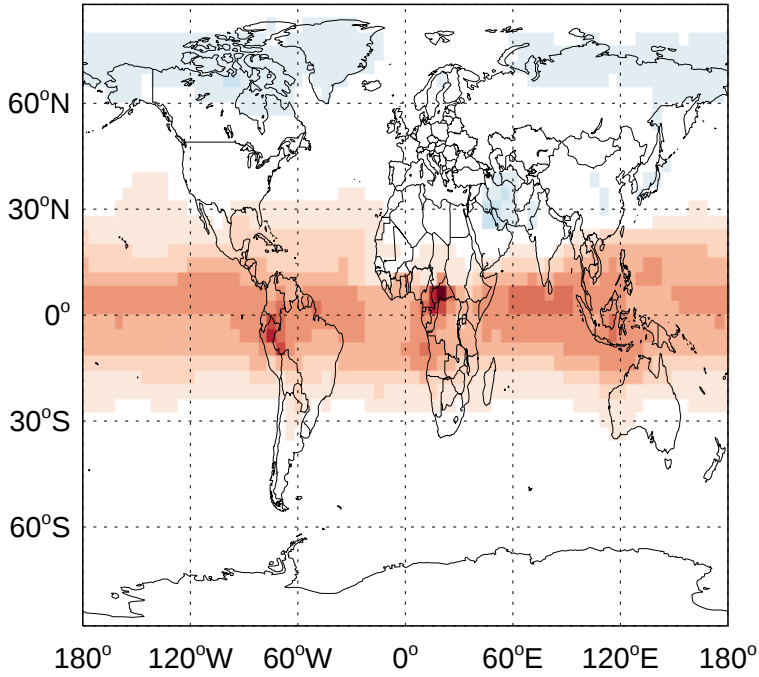
JHNO3 - J-Value Diff @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

v11-02d - v11-02c

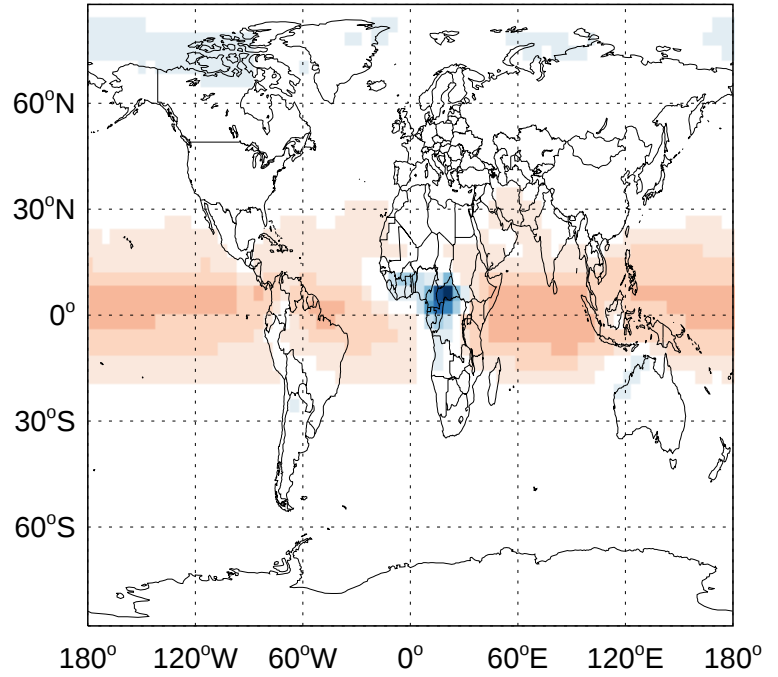
JH2O2 - J-Value Diff @ surface for Apr



-1.21e-07 -4.02e-08 4.02e-08 1.21e-07s-1

v11-02d - v11-02c

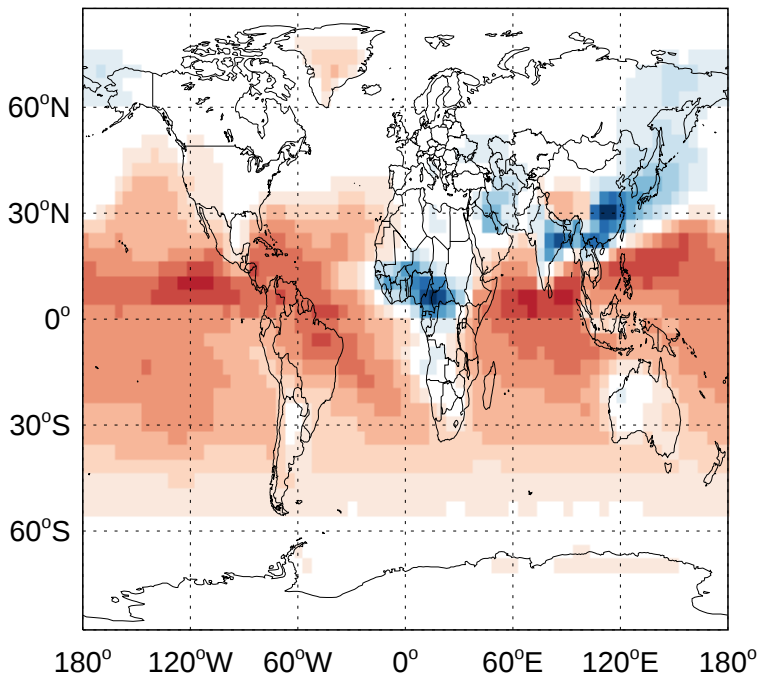
JH2O2 - J-Value Diff @ 500 hPa for Apr



-2.35e-07 -7.84e-08 7.84e-08 2.35e-07s-1

v11-02d - v11-02a

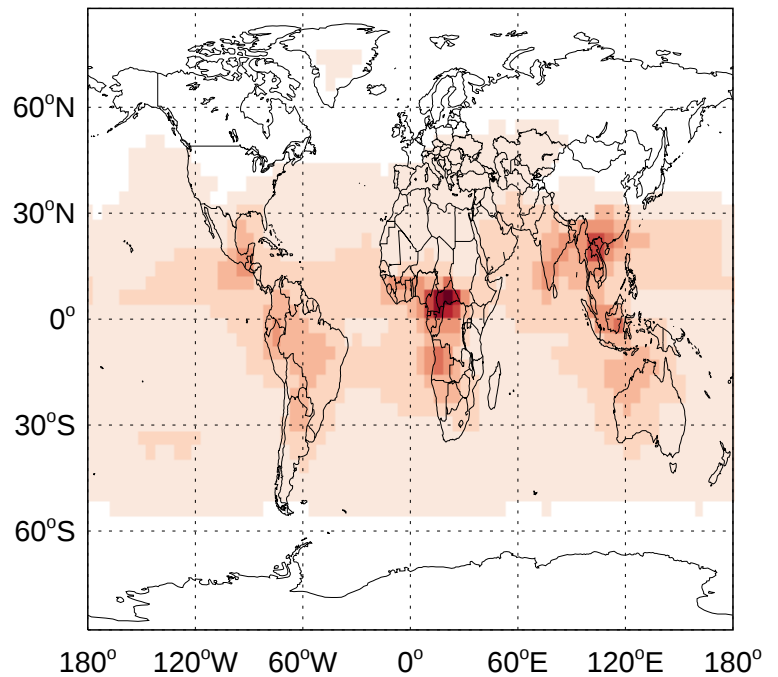
JH2O2 - J-Value Diff @ surface for Apr



-6.54e-08 -2.18e-08 2.18e-08 6.54e-08s-1

v11-02d - v11-02a

JH2O2 - J-Value Diff @ 500 hPa for Apr

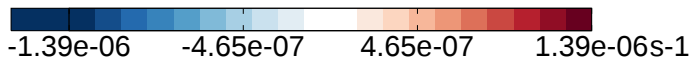
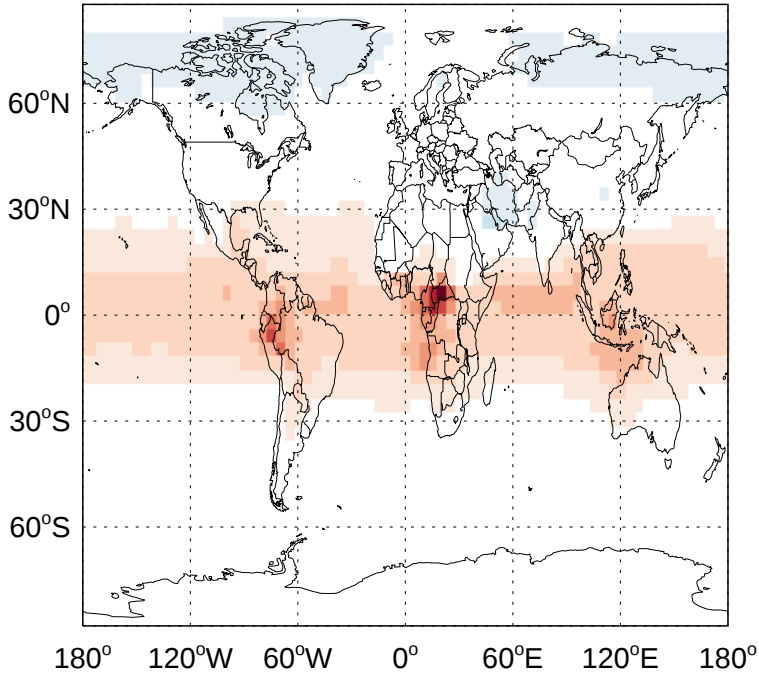


-2.54e-07 -8.47e-08 8.47e-08 2.54e-07s-1

GEOS-Chem J-Values at surface and 500 hPa

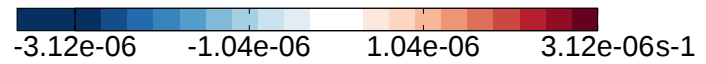
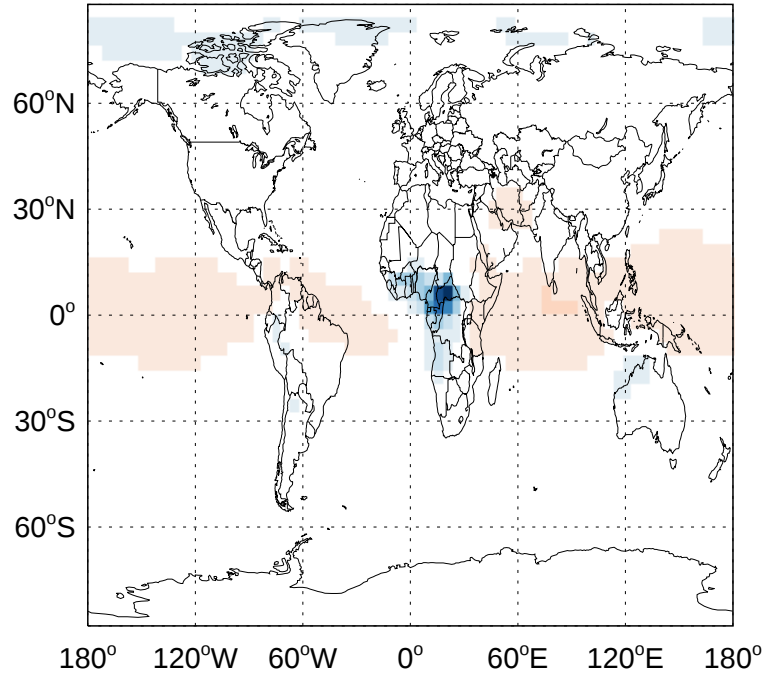
v11-02d - v11-02c

JCH2O - J-Value Diff @ surface for Apr



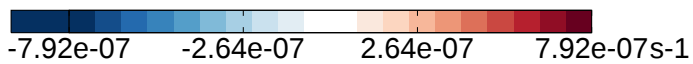
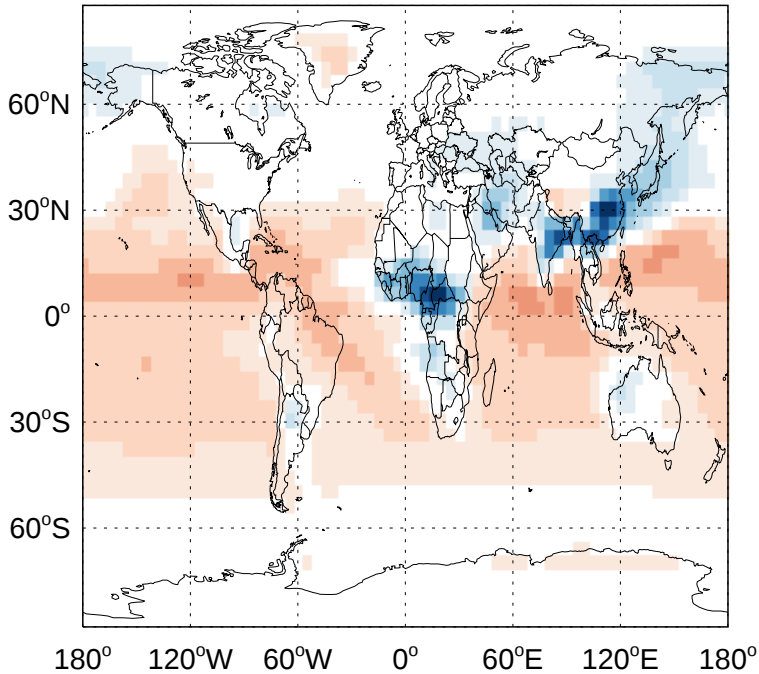
v11-02d - v11-02c

JCH2O - J-Value Diff @ 500 hPa for Apr



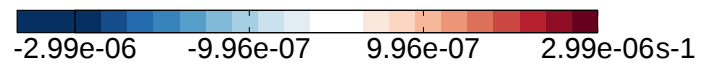
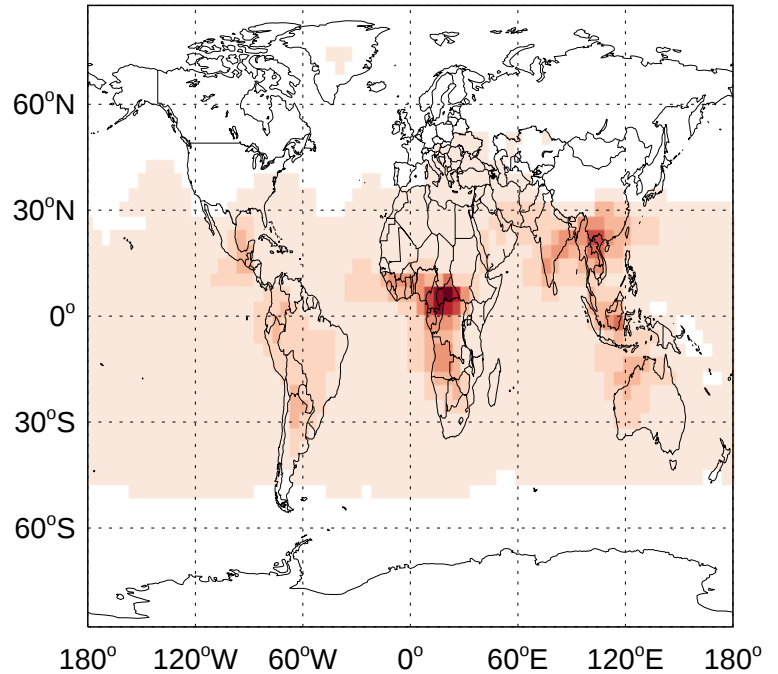
v11-02d - v11-02a

JCH2O - J-Value Diff @ surface for Apr



v11-02d - v11-02a

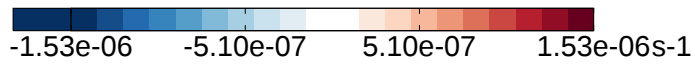
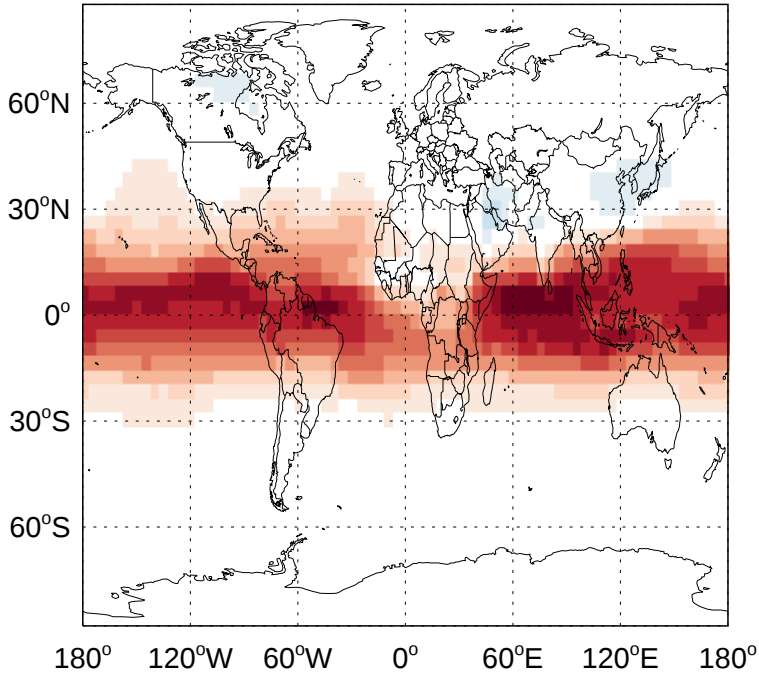
JCH2O - J-Value Diff @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

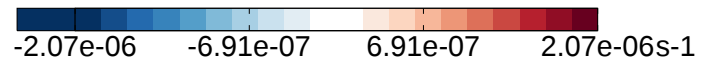
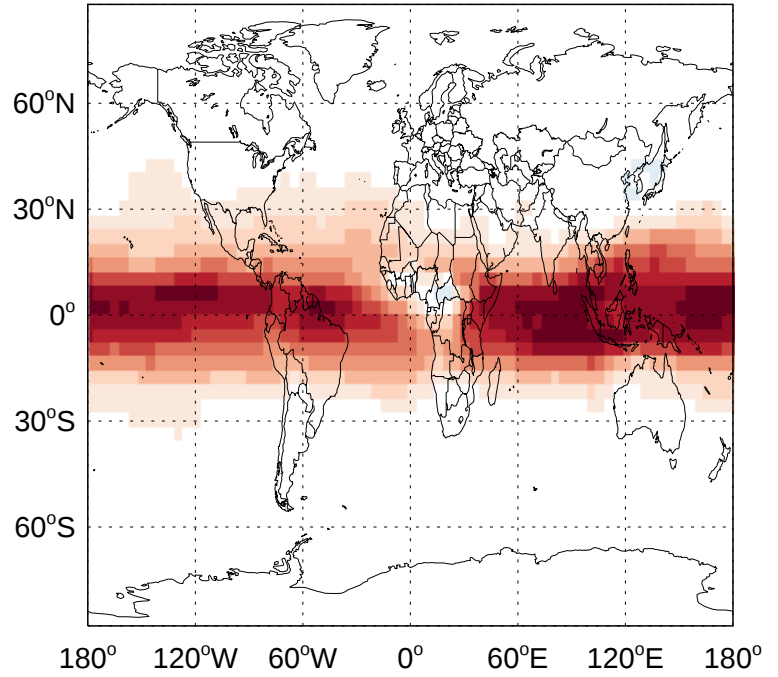
v11-02d - v11-02c

JO3_O1D - J-Value Diff @ surface for Apr



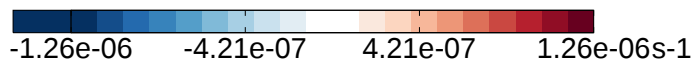
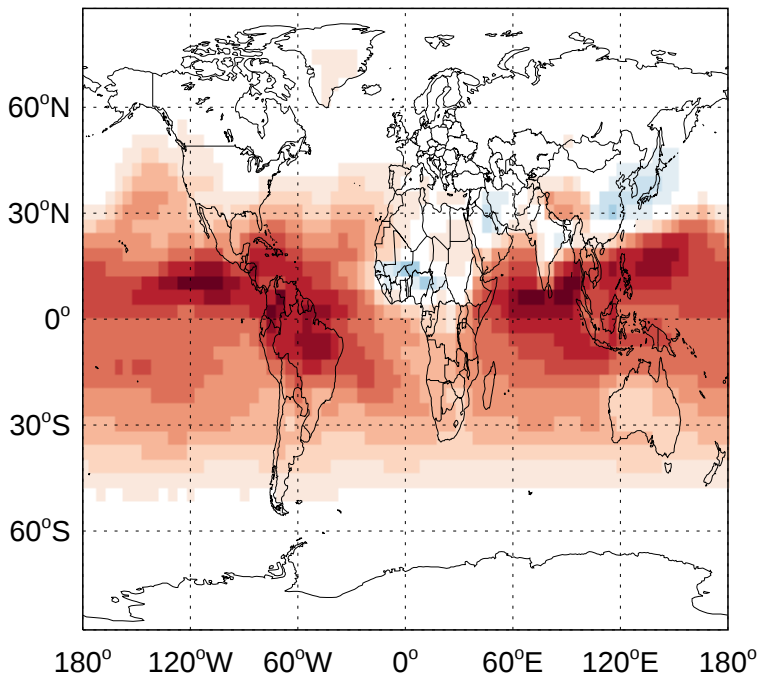
v11-02d - v11-02c

JO3_O1D - J-Value Diff @ 500 hPa for Apr



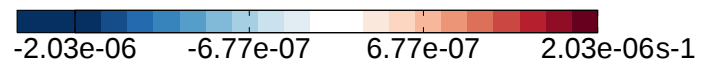
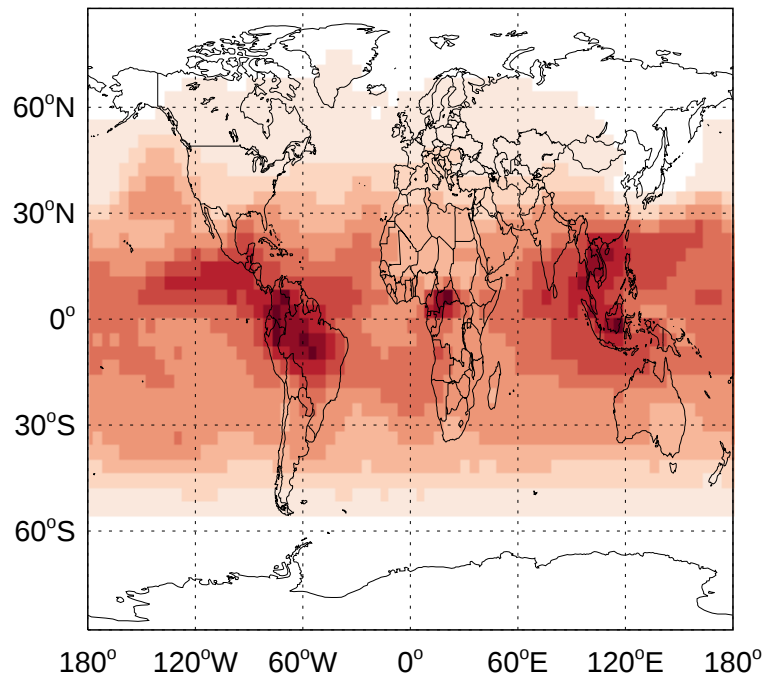
v11-02d - v11-02a

JO3_O1D - J-Value Diff @ surface for Apr



v11-02d - v11-02a

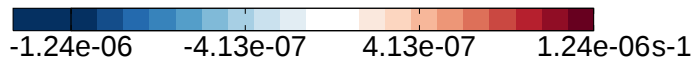
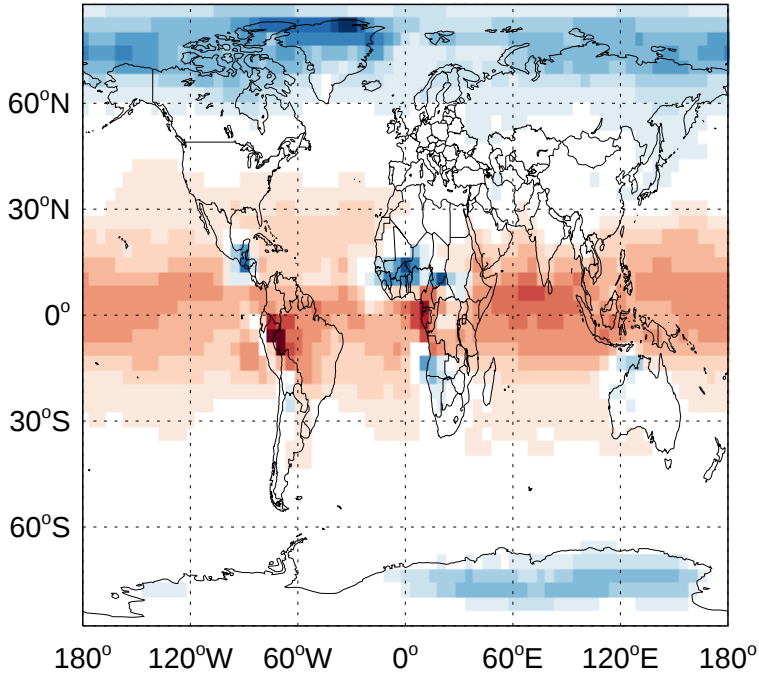
JO3_O1D - J-Value Diff @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

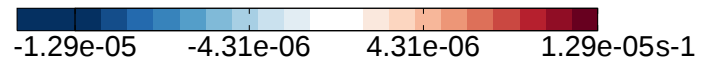
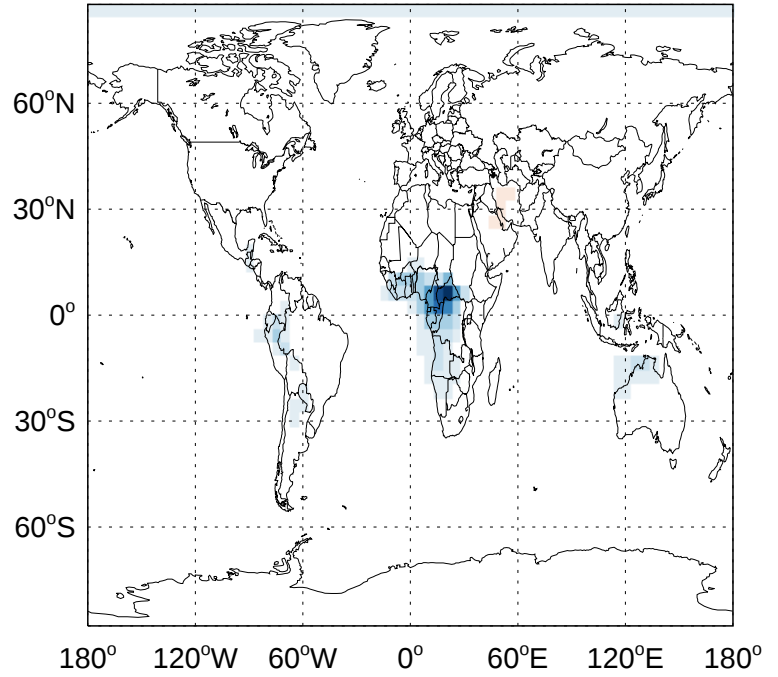
v11-02d - v11-02c

JO3_O3P - J-Value Diff @ surface for Apr



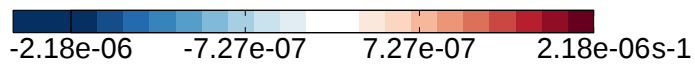
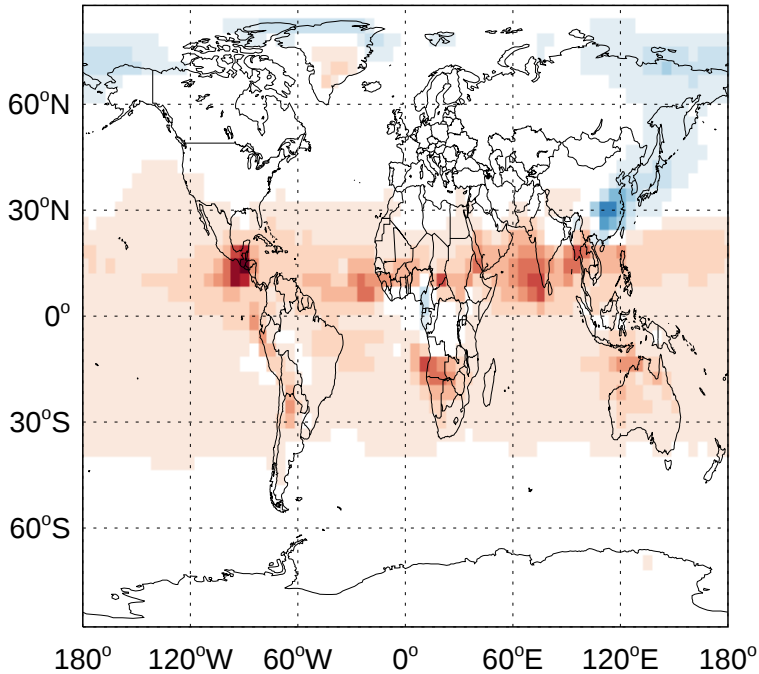
v11-02d - v11-02c

JO3_O3P - J-Value Diff @ 500 hPa for Apr



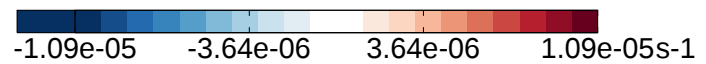
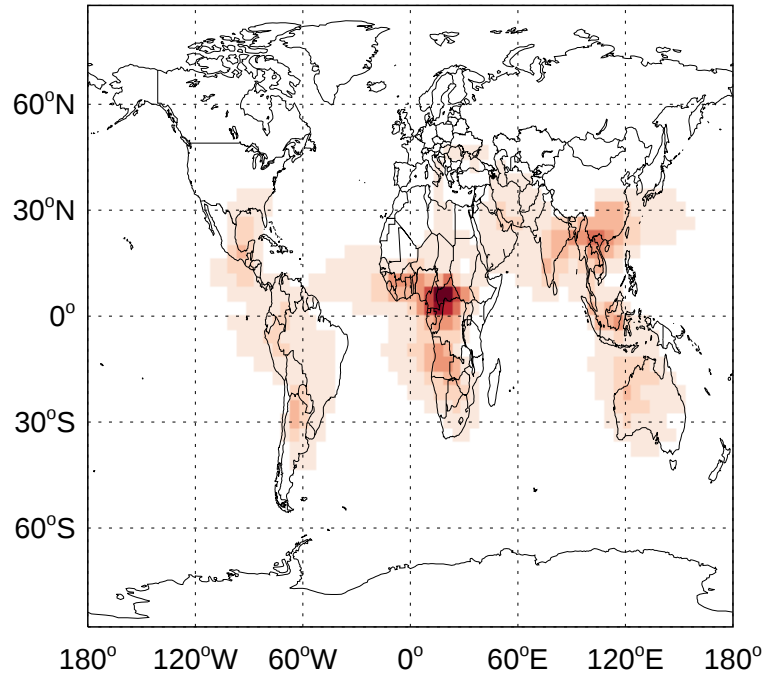
v11-02d - v11-02a

JO3_O3P - J-Value Diff @ surface for Apr



v11-02d - v11-02a

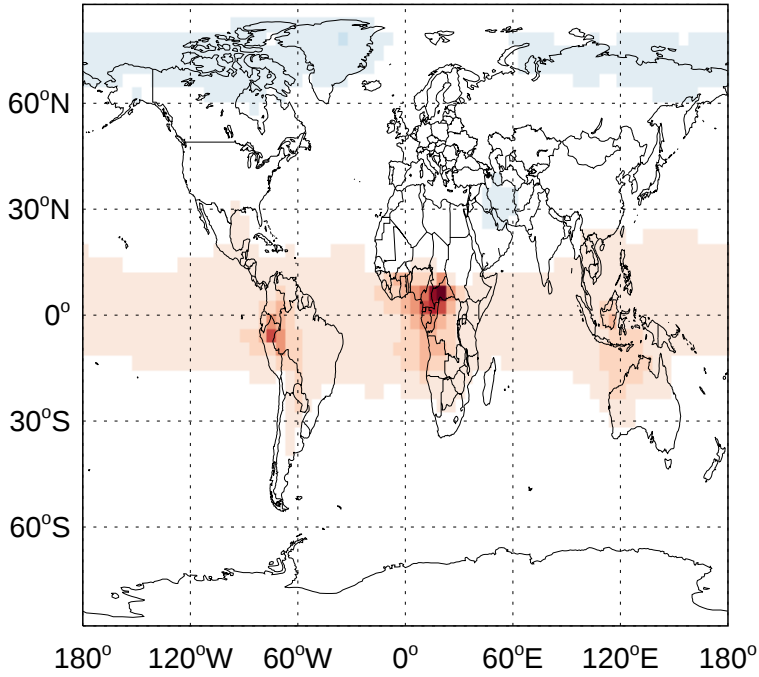
JO3_O3P - J-Value Diff @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

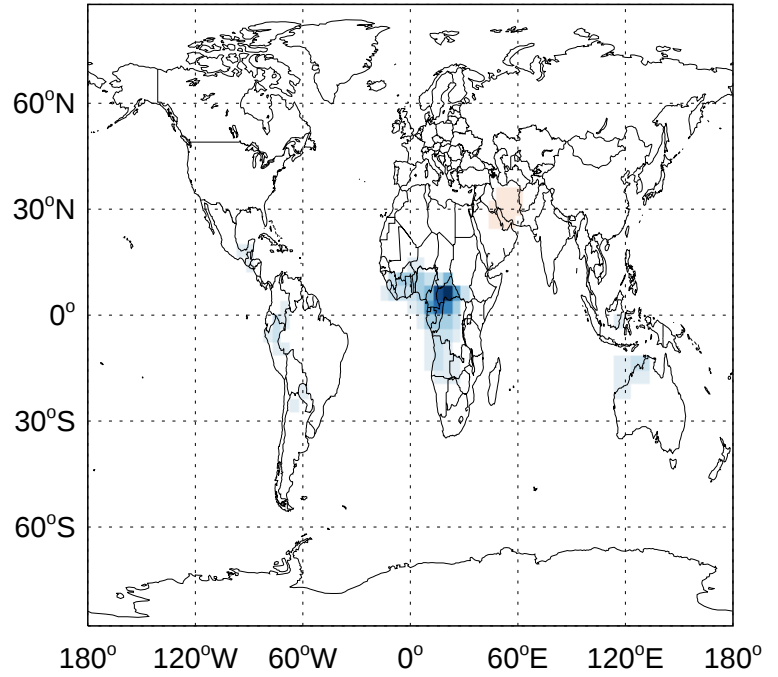
v11-02d - v11-02c

JBrO - J-Value Diff @ surface for Apr



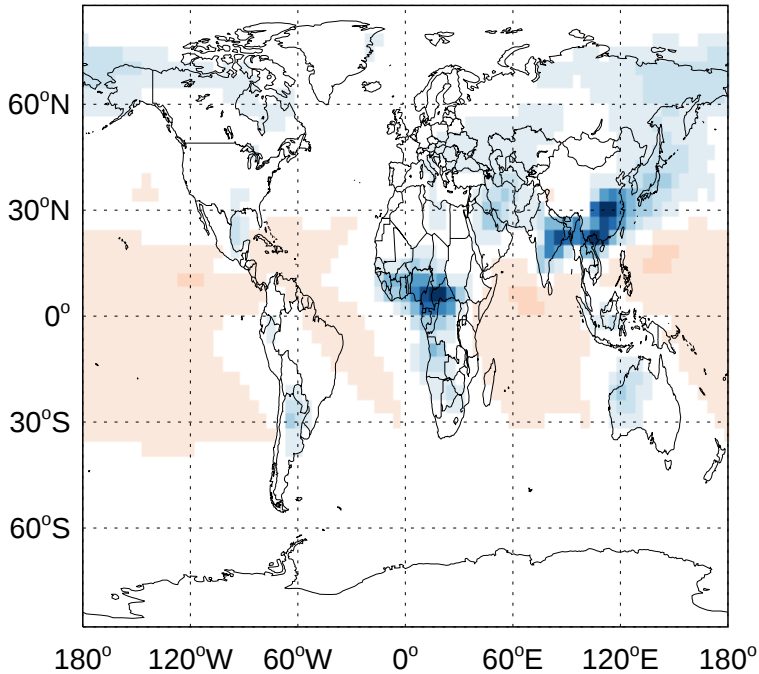
v11-02d - v11-02c

JBrO - J-Value Diff @ 500 hPa for Apr



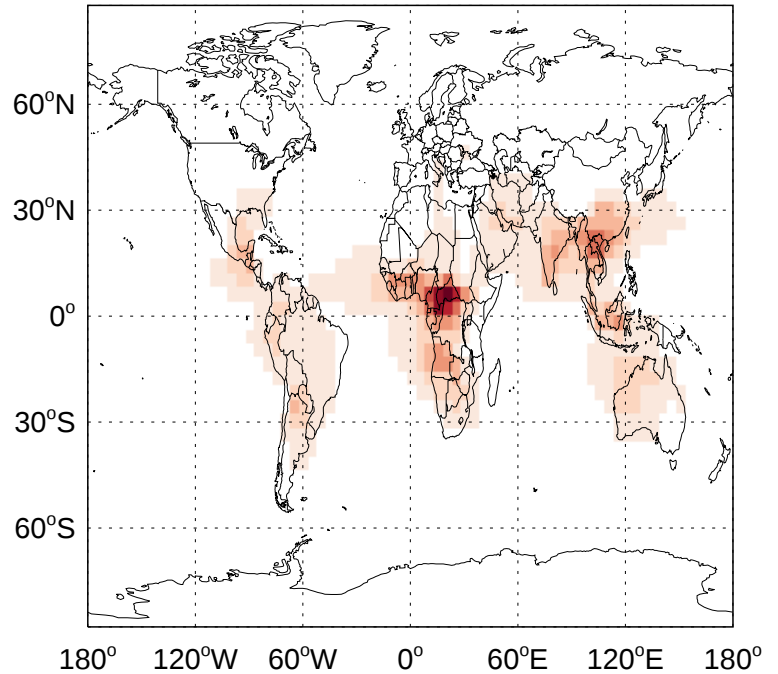
v11-02d - v11-02a

JBrO - J-Value Diff @ surface for Apr



v11-02d - v11-02a

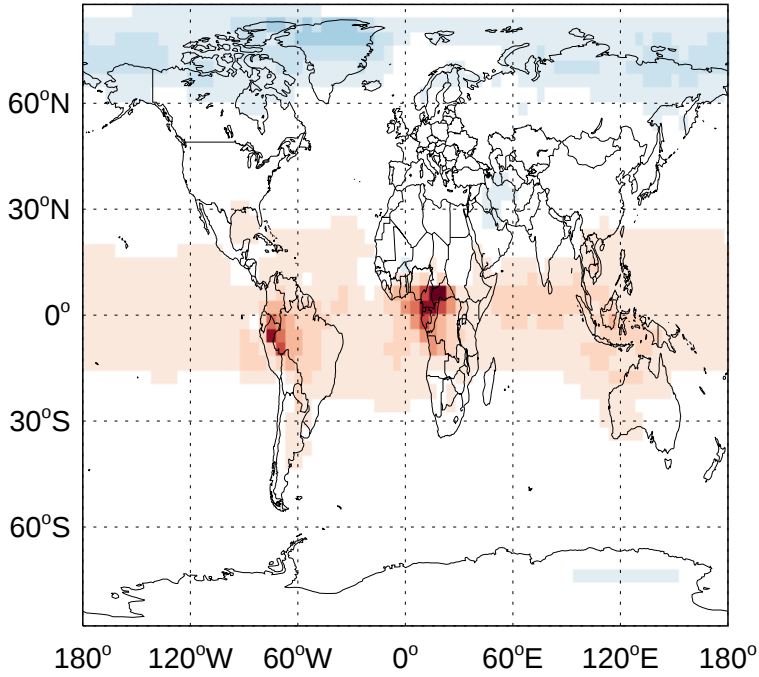
JBrO - J-Value Diff @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

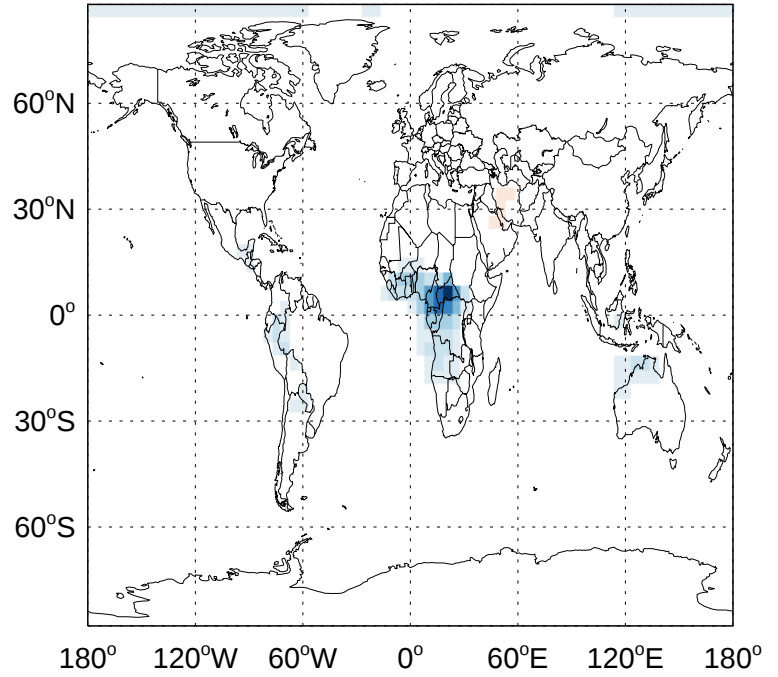
v11-02d - v11-02c

JHOB_r - J-Value Diff @ surface for Apr



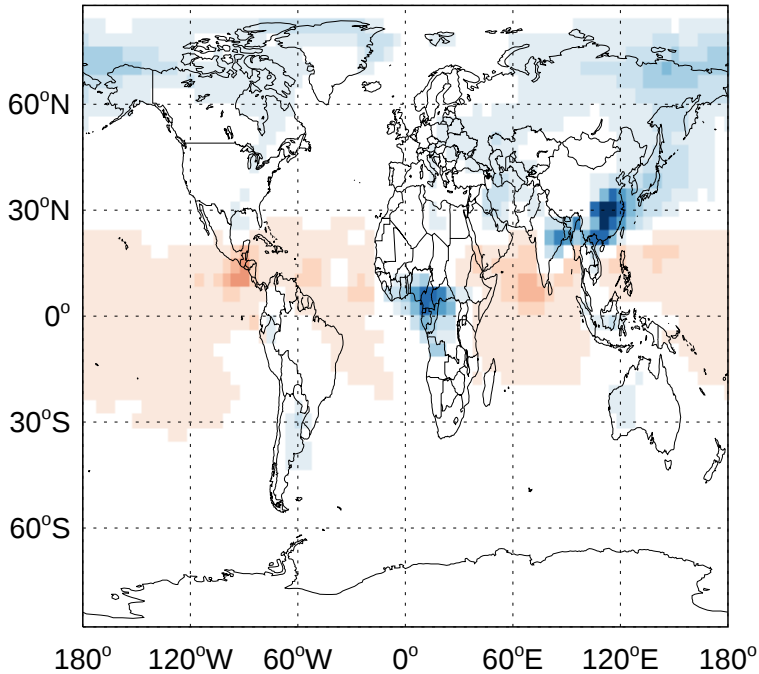
v11-02d - v11-02c

JHOB_r - J-Value Diff @ 500 hPa for Apr



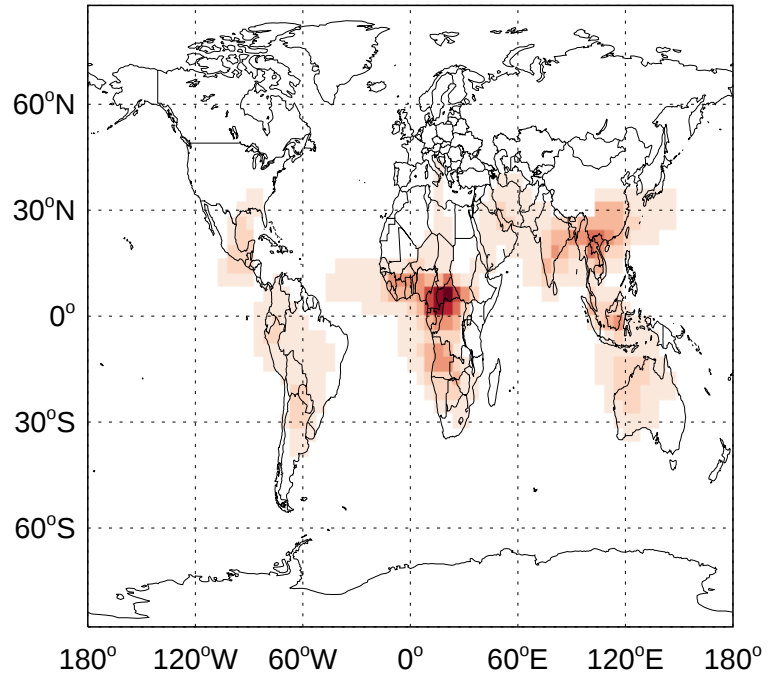
v11-02d - v11-02a

JHOB_r - J-Value Diff @ surface for Apr



v11-02d - v11-02a

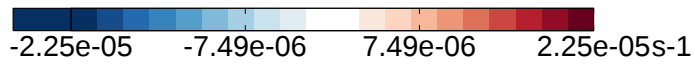
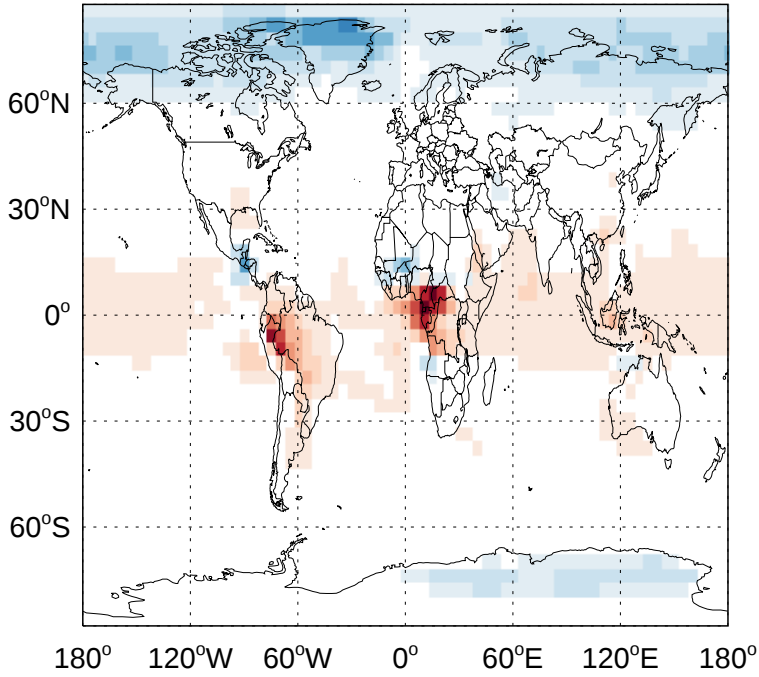
JHOB_r - J-Value Diff @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

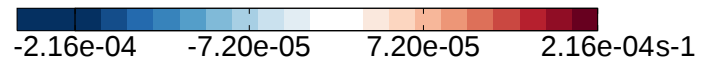
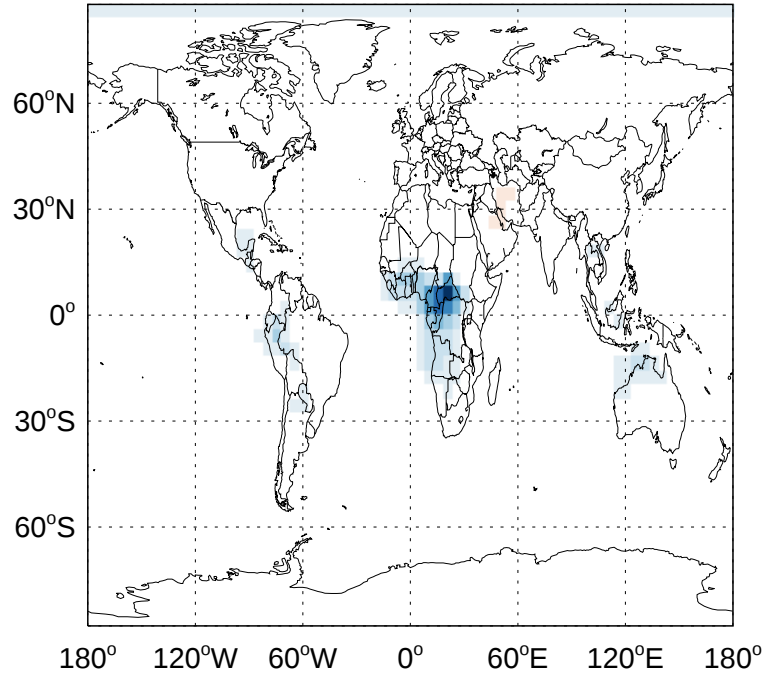
v11-02d - v11-02c

JBrNO₂ - J-Value Diff @ surface for Apr



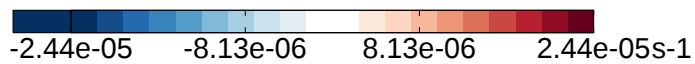
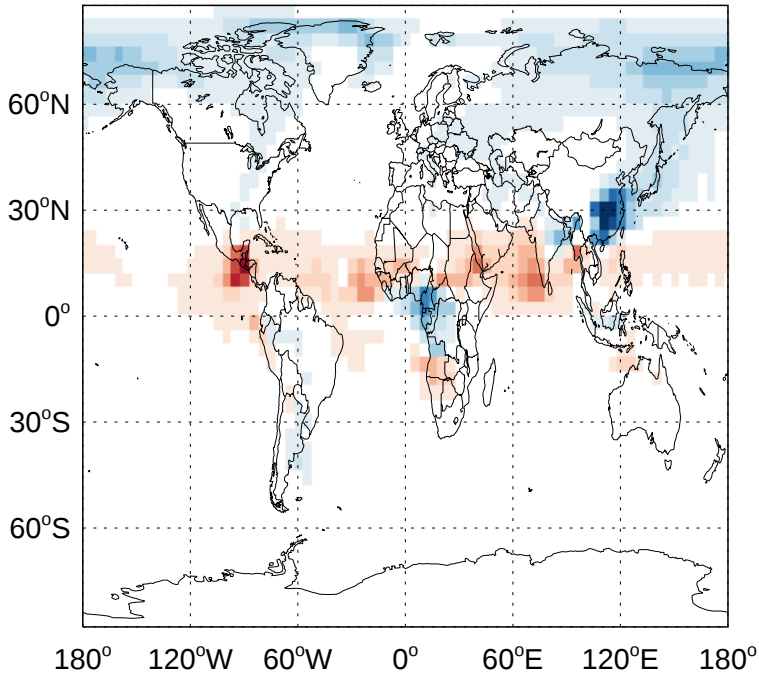
v11-02d - v11-02c

JBrNO₂ - J-Value Diff @ 500 hPa for Apr



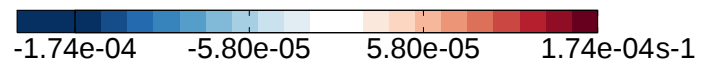
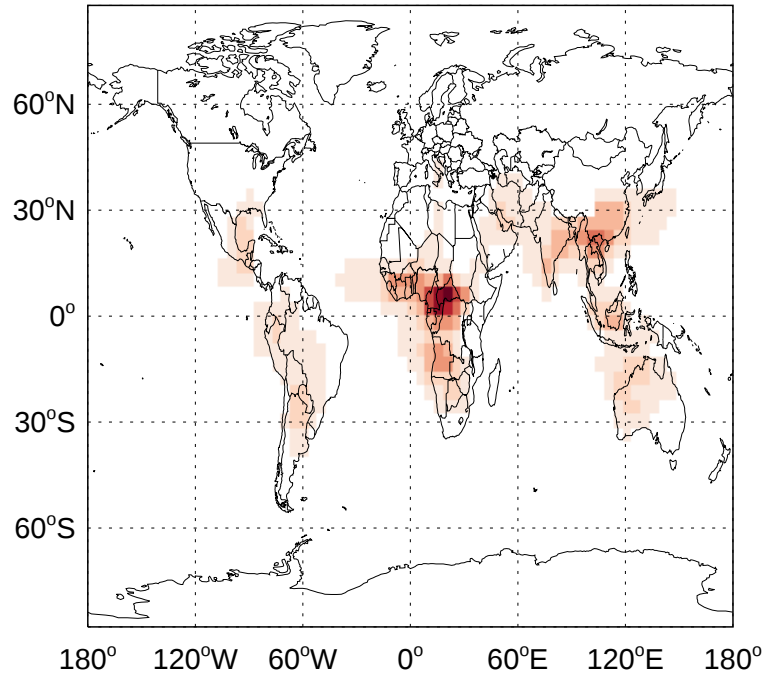
v11-02d - v11-02a

JBrNO₂ - J-Value Diff @ surface for Apr



v11-02d - v11-02a

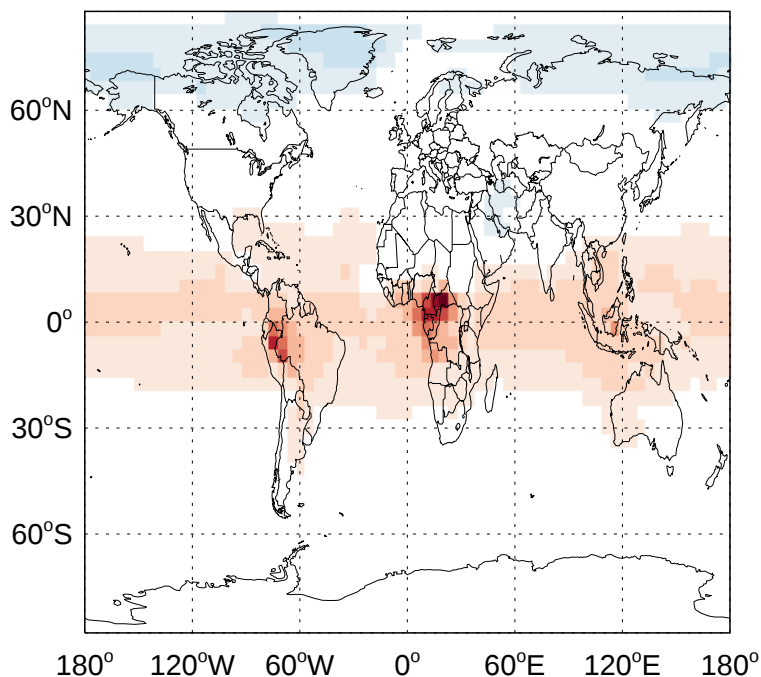
JBrNO₂ - J-Value Diff @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

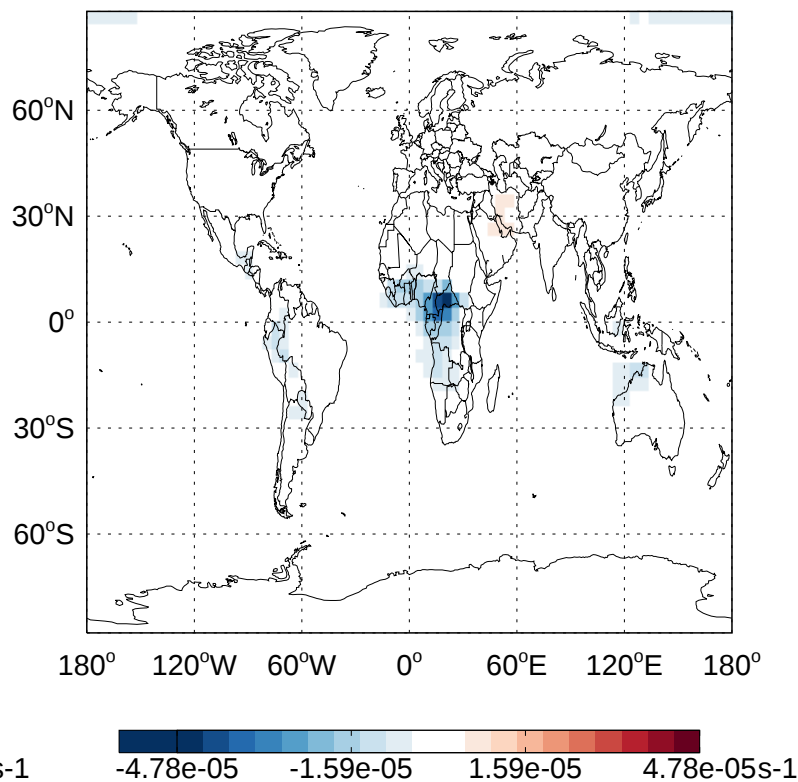
v11-02d - v11-02c

JBrNO3 - J-Value Diff @ surface for Apr



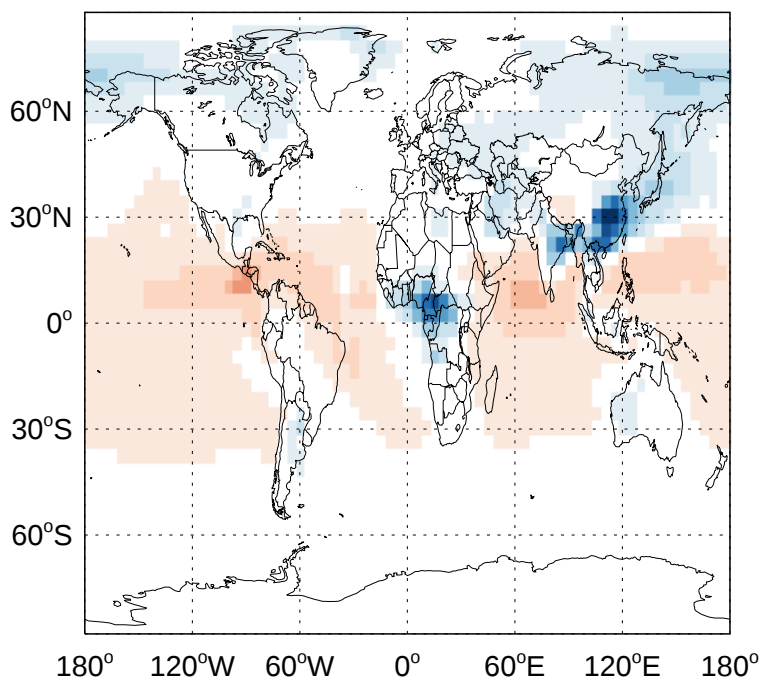
v11-02d - v11-02c

JBrNO3 - J-Value Diff @ 500 hPa for Apr



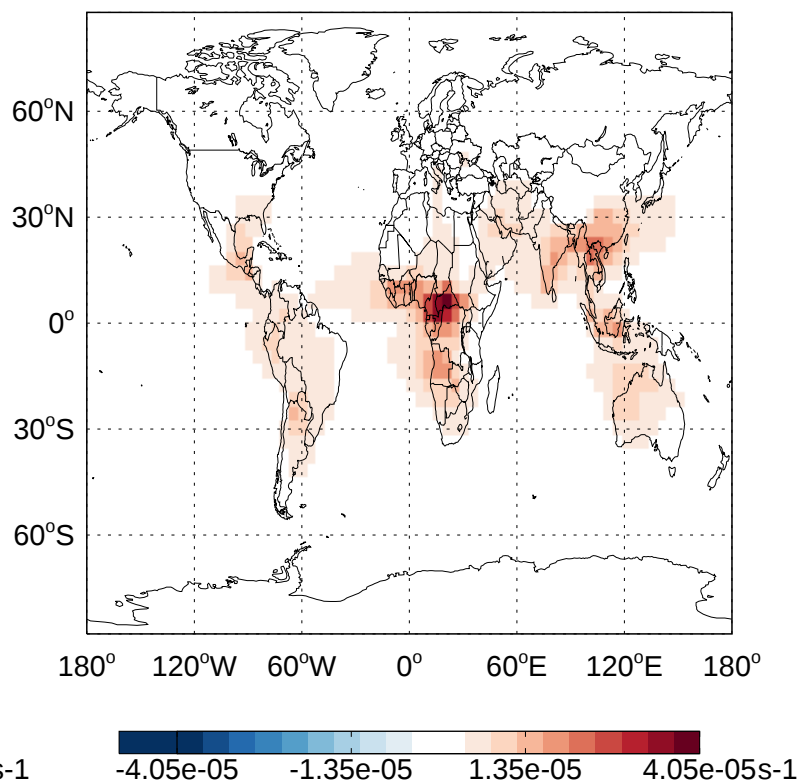
v11-02d - v11-02a

JBrNO3 - J-Value Diff @ surface for Apr



v11-02d - v11-02a

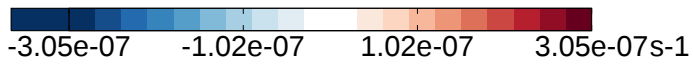
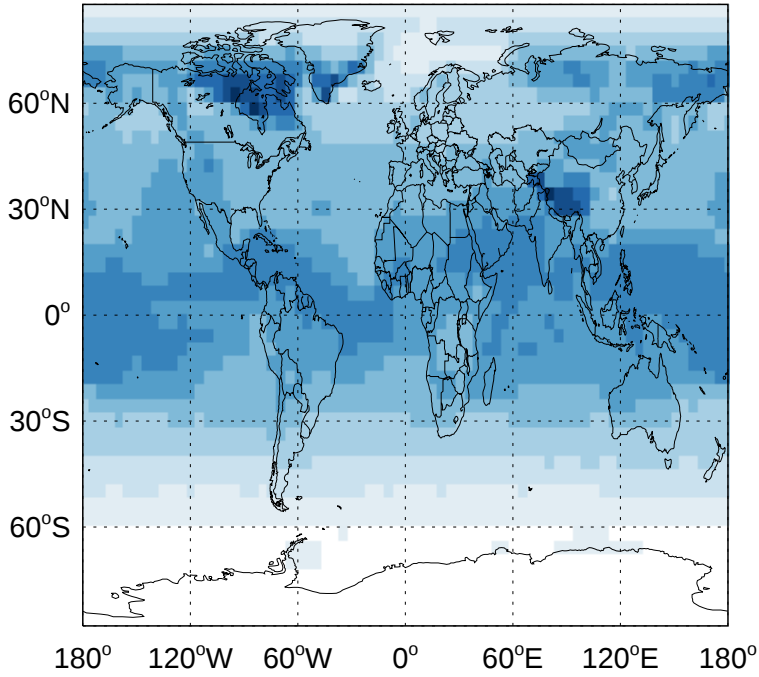
JBrNO3 - J-Value Diff @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

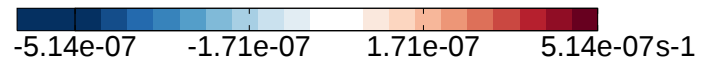
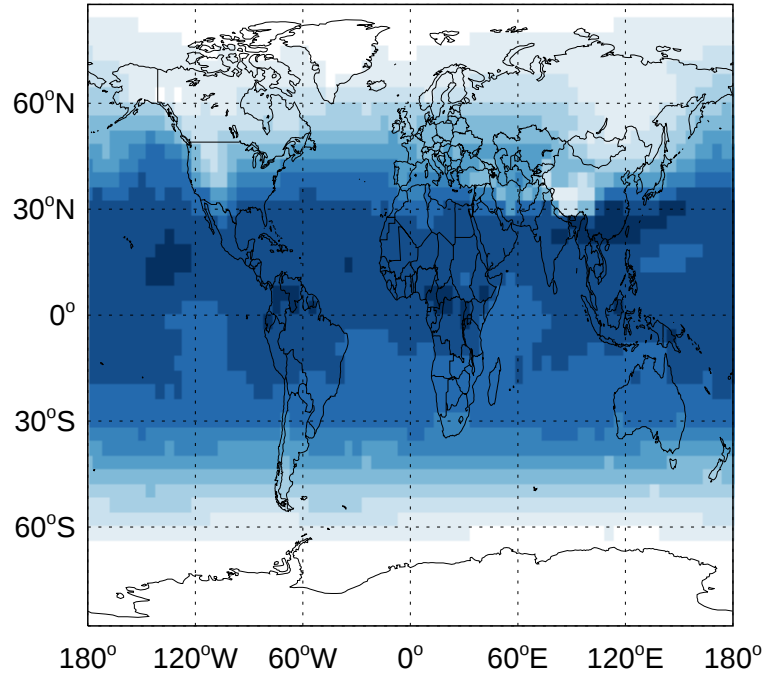
v11-02d - v11-02c

JCHBr3 - J-Value Diff @ surface for Apr



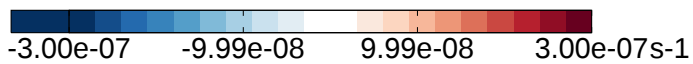
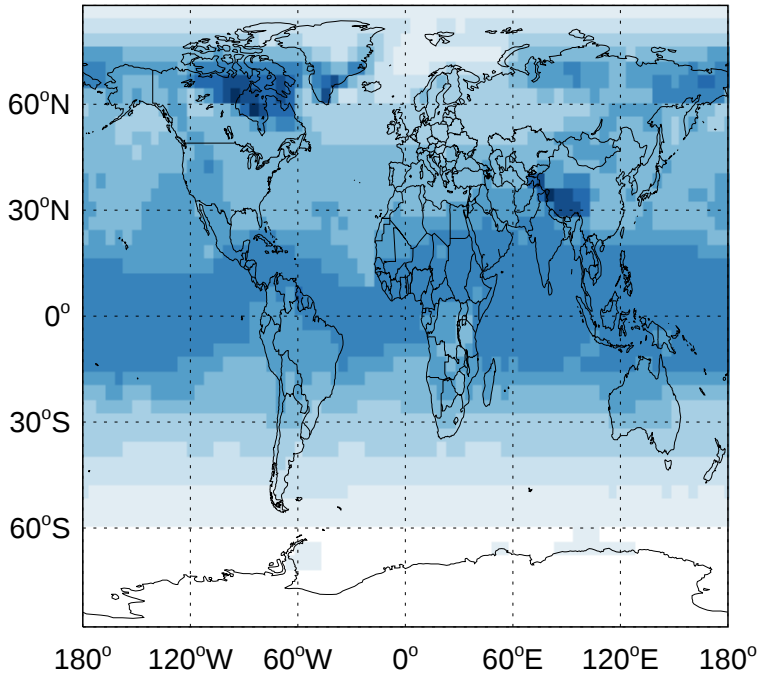
v11-02d - v11-02c

JCHBr3 - J-Value Diff @ 500 hPa for Apr



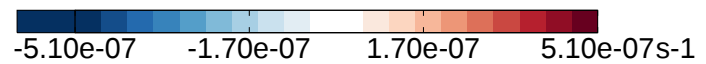
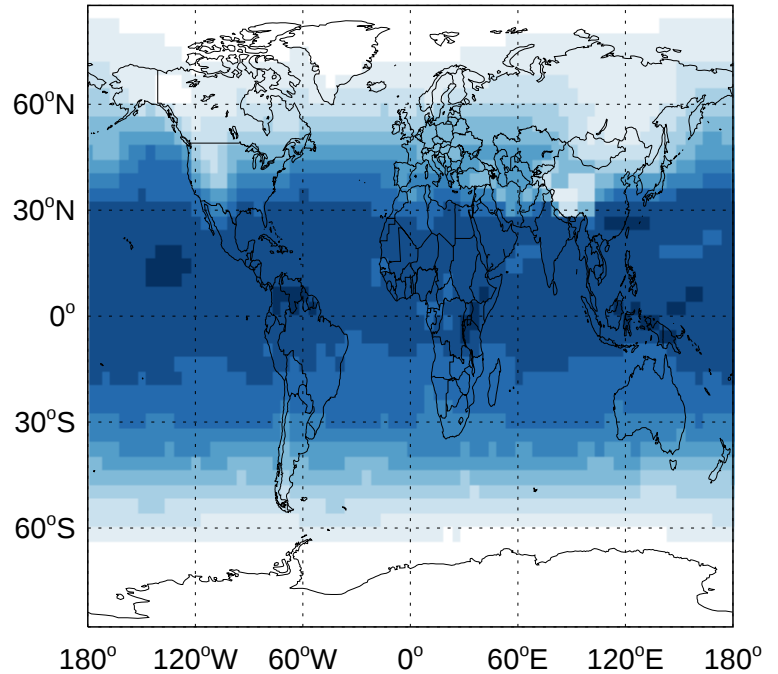
v11-02d - v11-02a

JCHBr3 - J-Value Diff @ surface for Apr



v11-02d - v11-02a

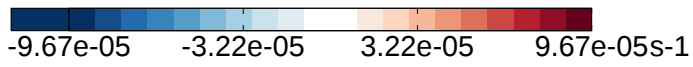
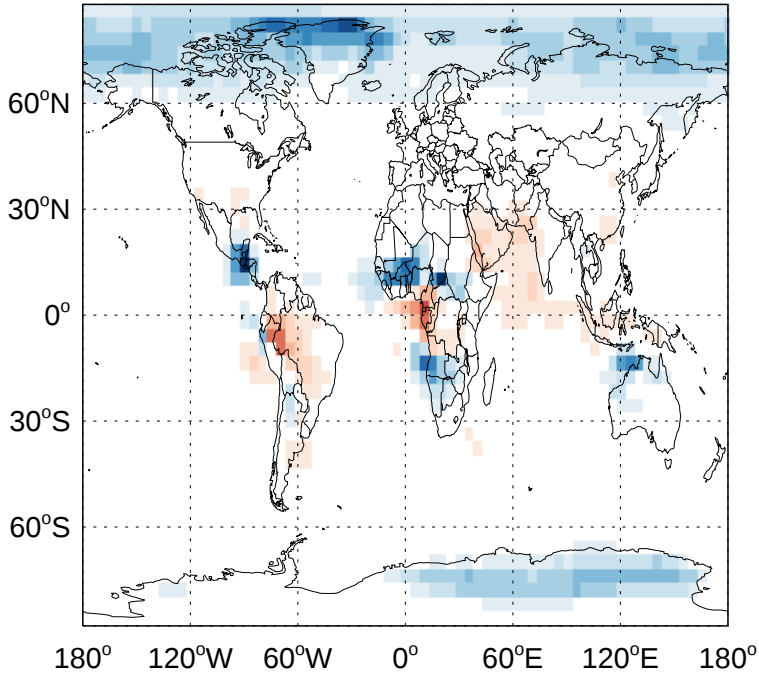
JCHBr3 - J-Value Diff @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

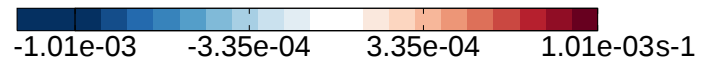
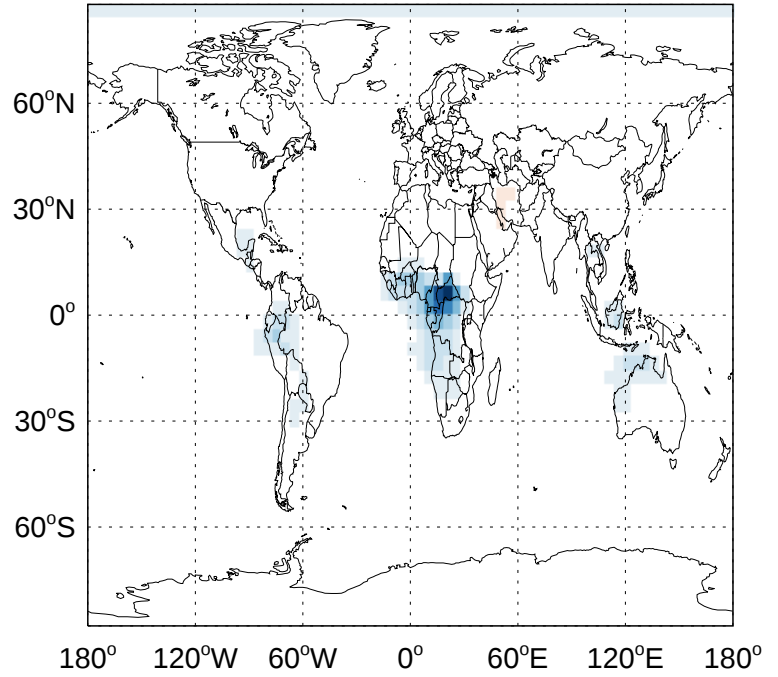
v11-02d - v11-02c

JBr2 - J-Value Diff @ surface for Apr



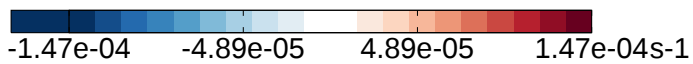
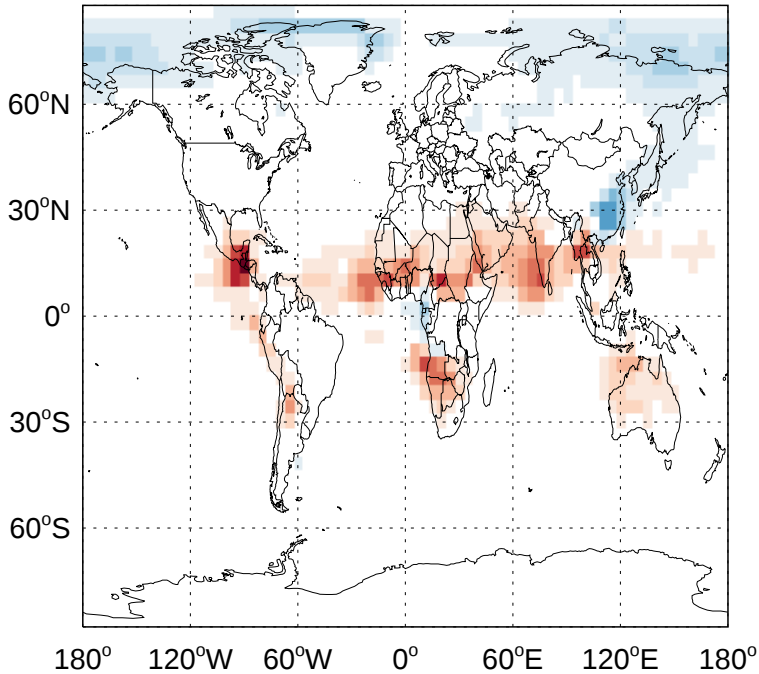
v11-02d - v11-02c

JBr2 - J-Value Diff @ 500 hPa for Apr



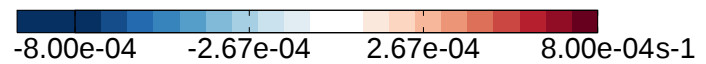
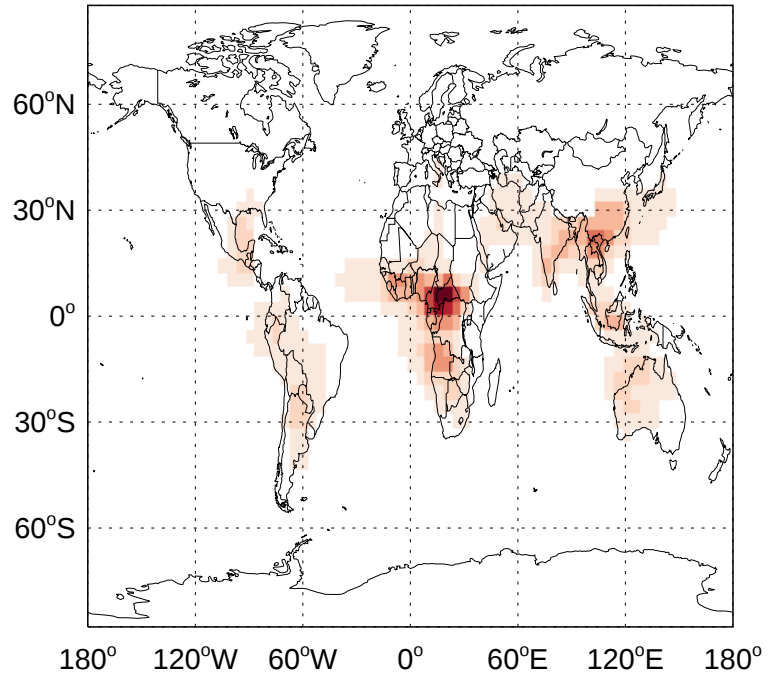
v11-02d - v11-02a

JBr2 - J-Value Diff @ surface for Apr



v11-02d - v11-02a

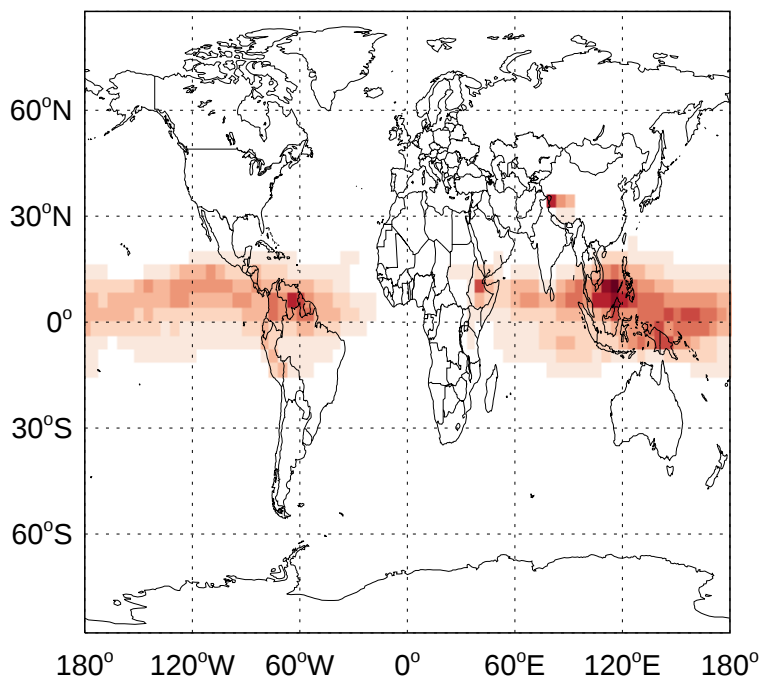
JBr2 - J-Value Diff @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

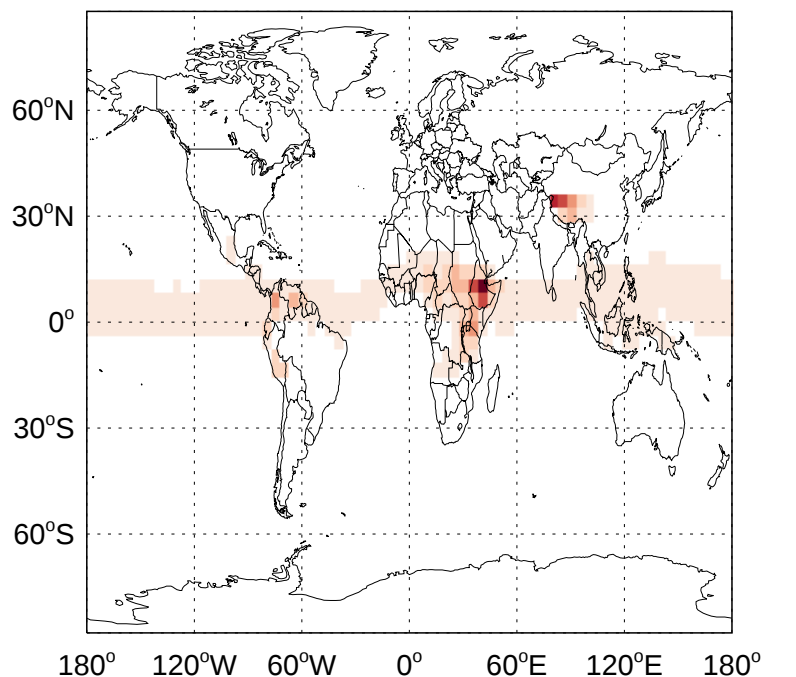
v11-02d - v11-02c

JO2 - J-Value Diff @ surface for Apr



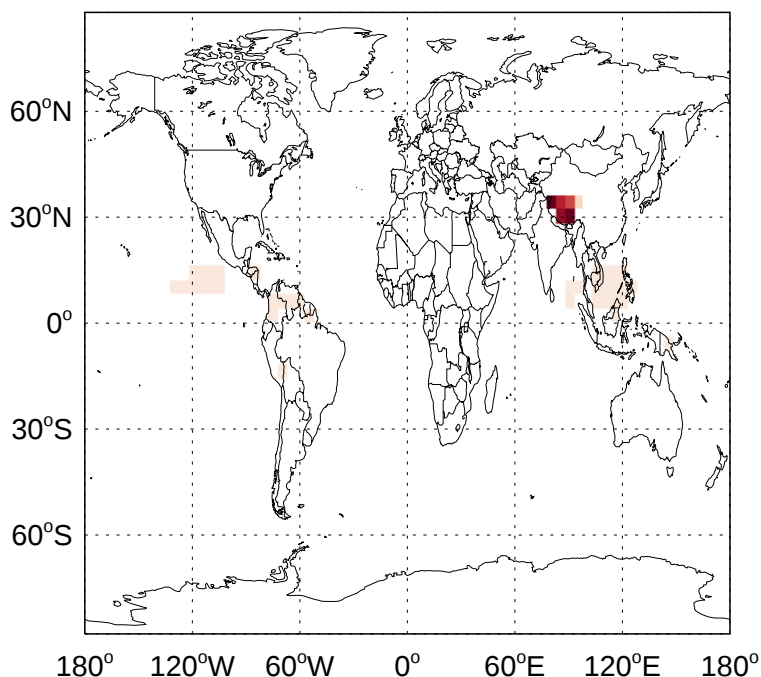
v11-02d - v11-02c

JO2 - J-Value Diff @ 500 hPa for Apr



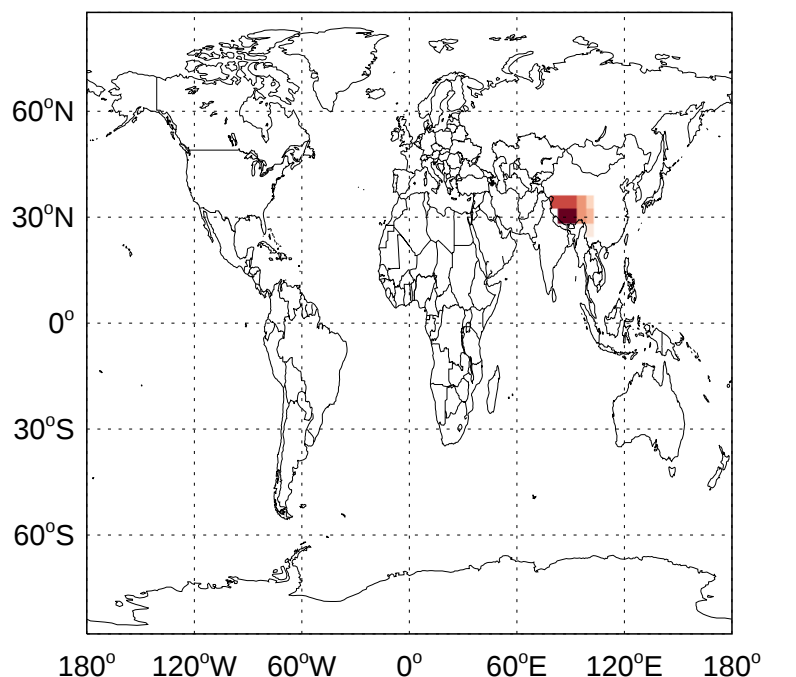
v11-02d - v11-02a

JO2 - J-Value Diff @ surface for Apr



v11-02d - v11-02a

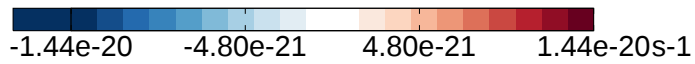
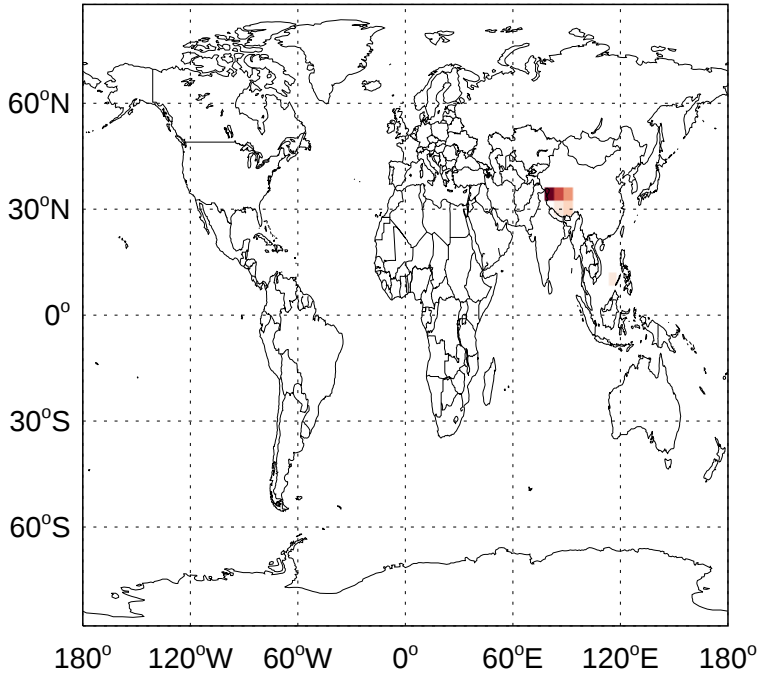
JO2 - J-Value Diff @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

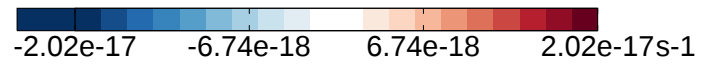
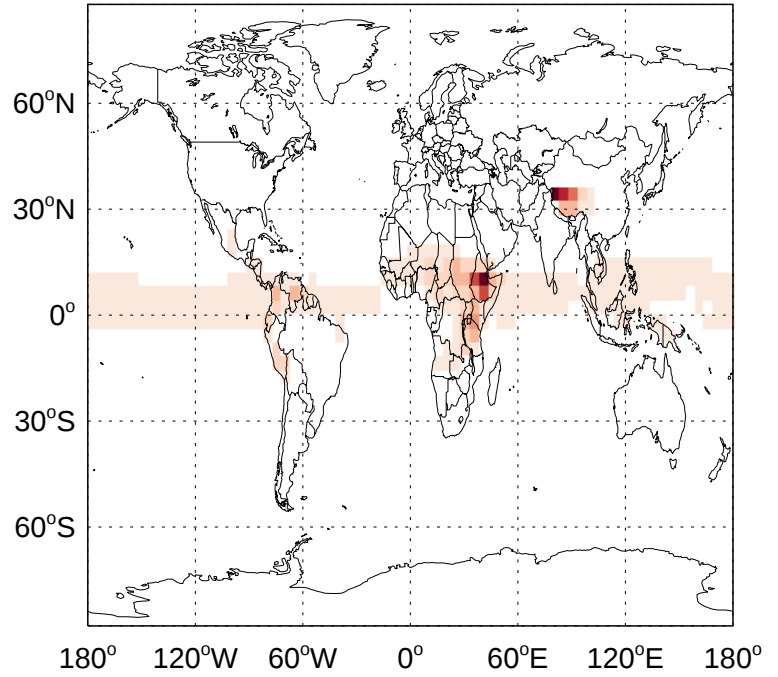
v11-02d - v11-02c

JN2O - J-Value Diff @ surface for Apr



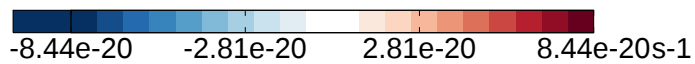
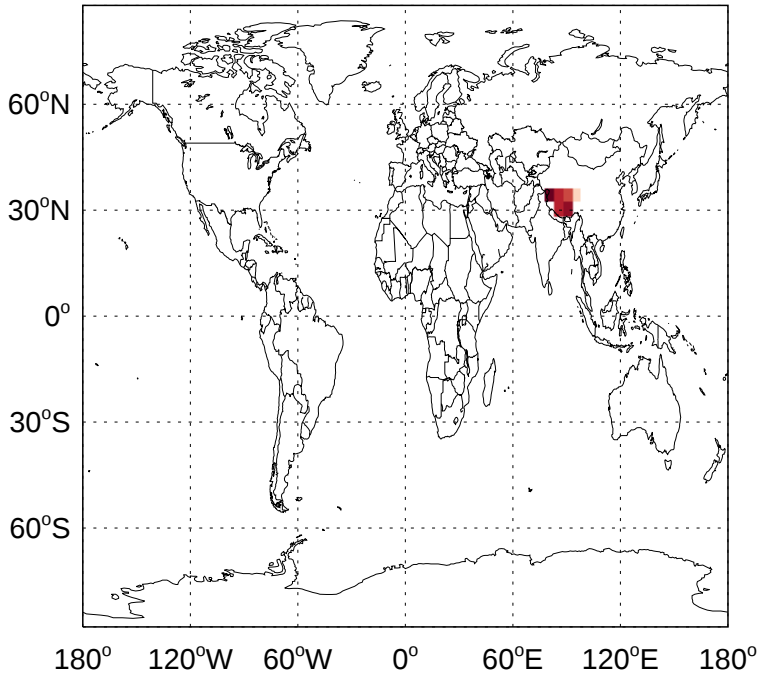
v11-02d - v11-02c

JN2O - J-Value Diff @ 500 hPa for Apr



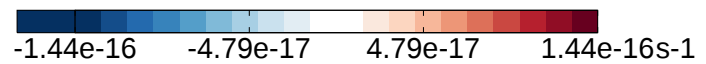
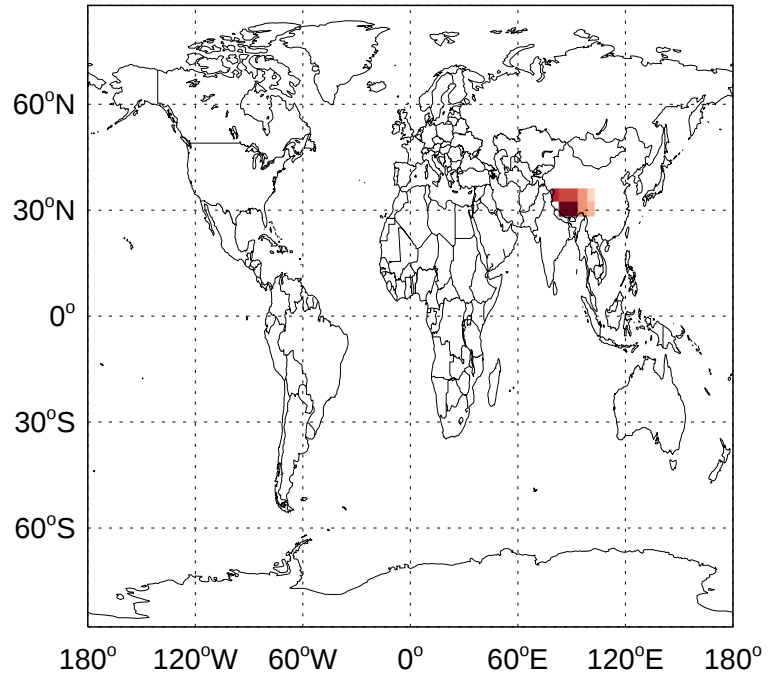
v11-02d - v11-02a

JN2O - J-Value Diff @ surface for Apr



v11-02d - v11-02a

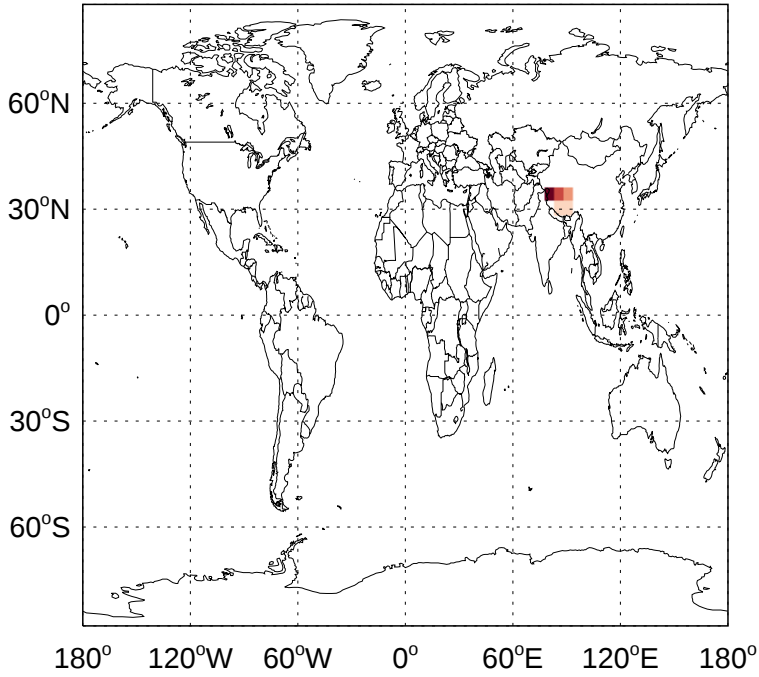
JN2O - J-Value Diff @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

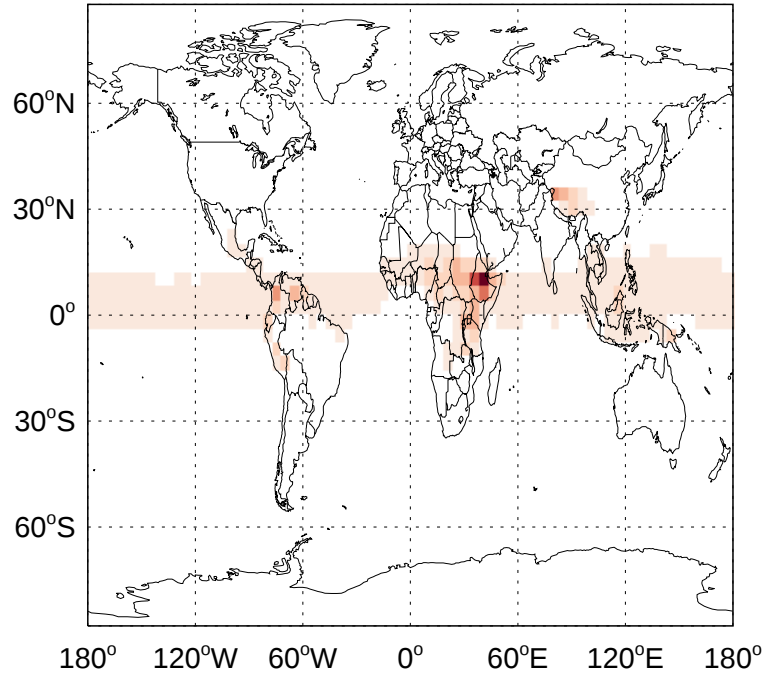
v11-02d - v11-02c

JNO - J-Value Diff @ surface for Apr



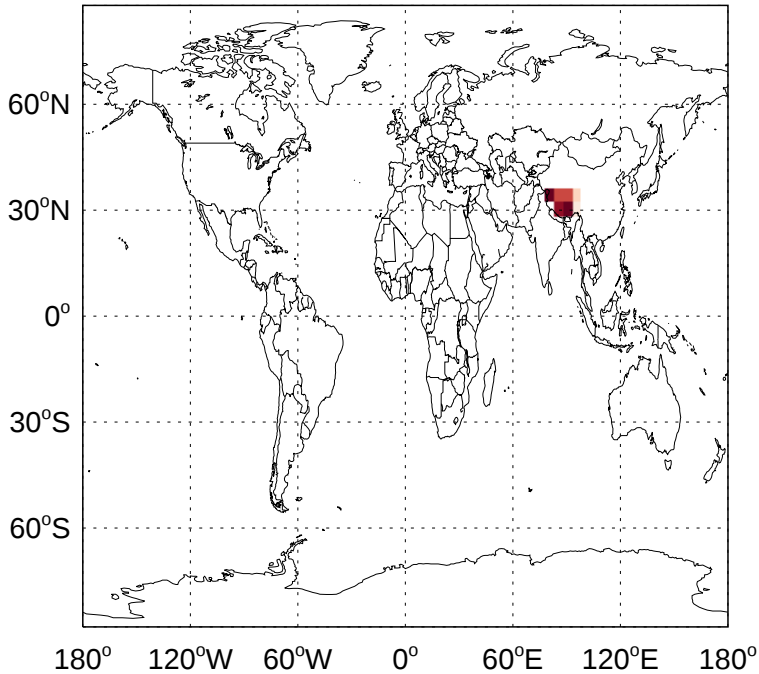
v11-02d - v11-02c

JNO - J-Value Diff @ 500 hPa for Apr



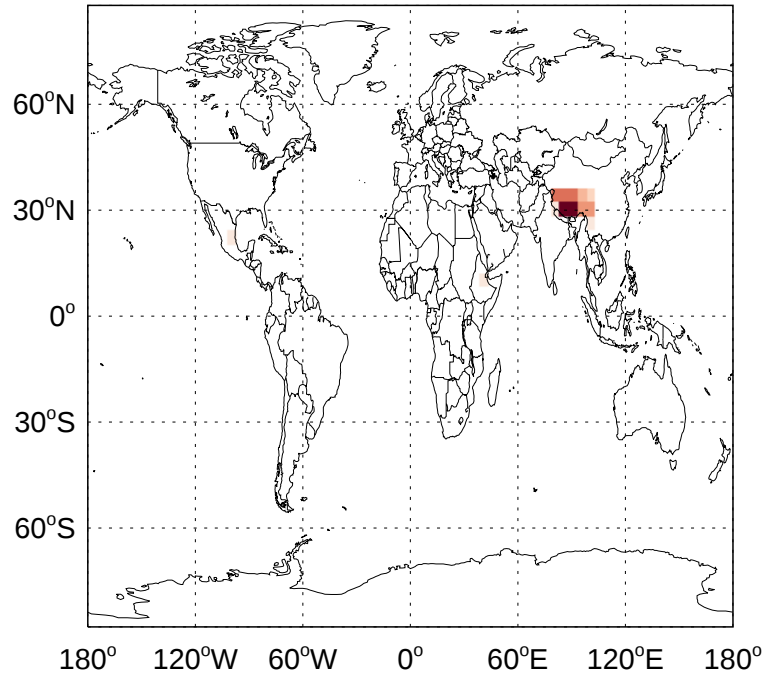
v11-02d - v11-02a

JNO - J-Value Diff @ surface for Apr



v11-02d - v11-02a

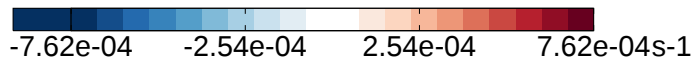
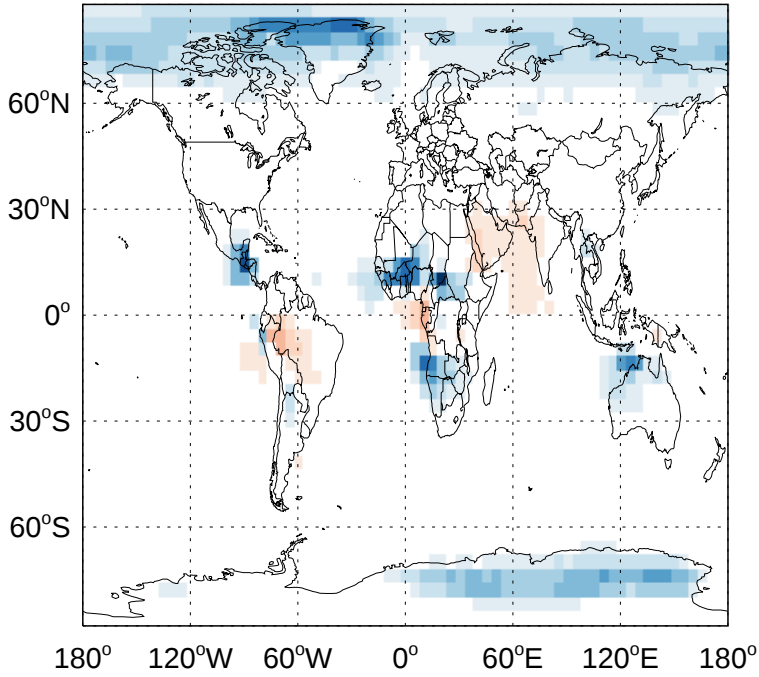
JNO - J-Value Diff @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

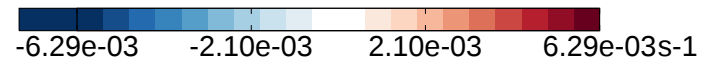
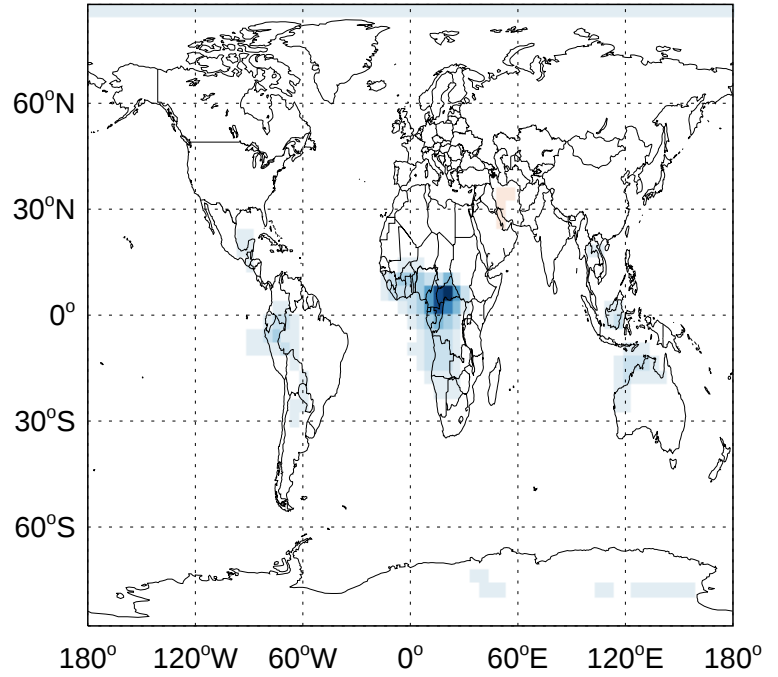
v11-02d - v11-02c

JNO3 - J-Value Diff @ surface for Apr



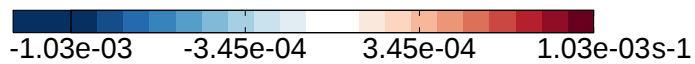
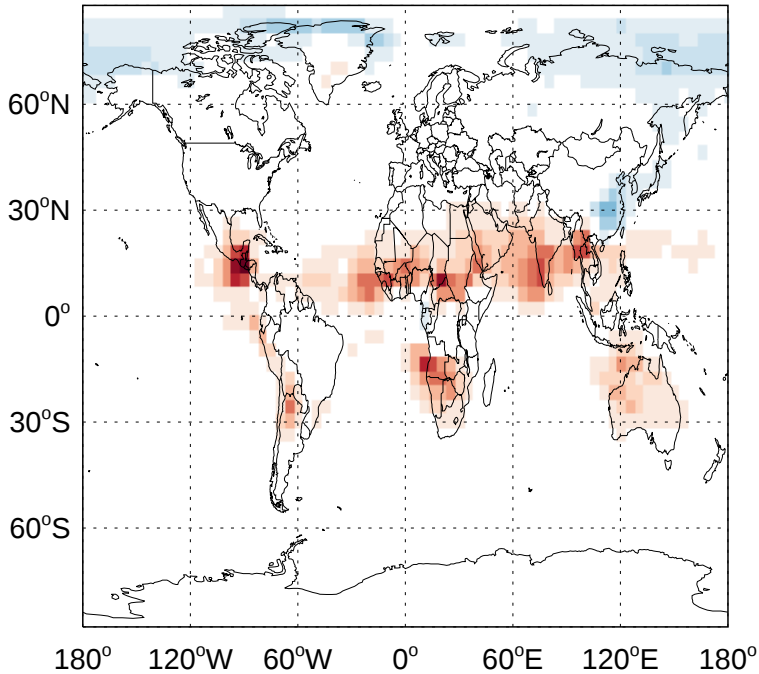
v11-02d - v11-02c

JNO3 - J-Value Diff @ 500 hPa for Apr



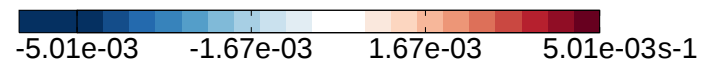
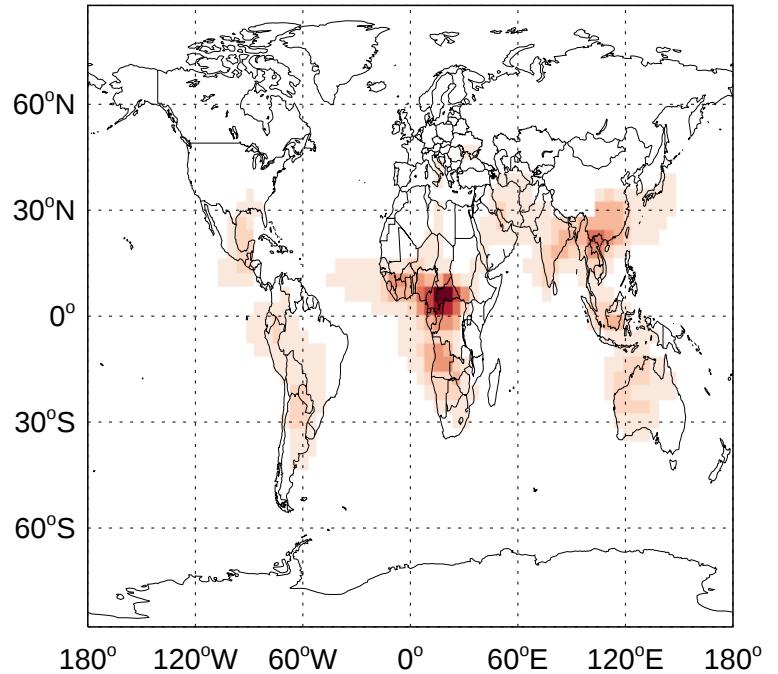
v11-02d - v11-02a

JNO3 - J-Value Diff @ surface for Apr



v11-02d - v11-02a

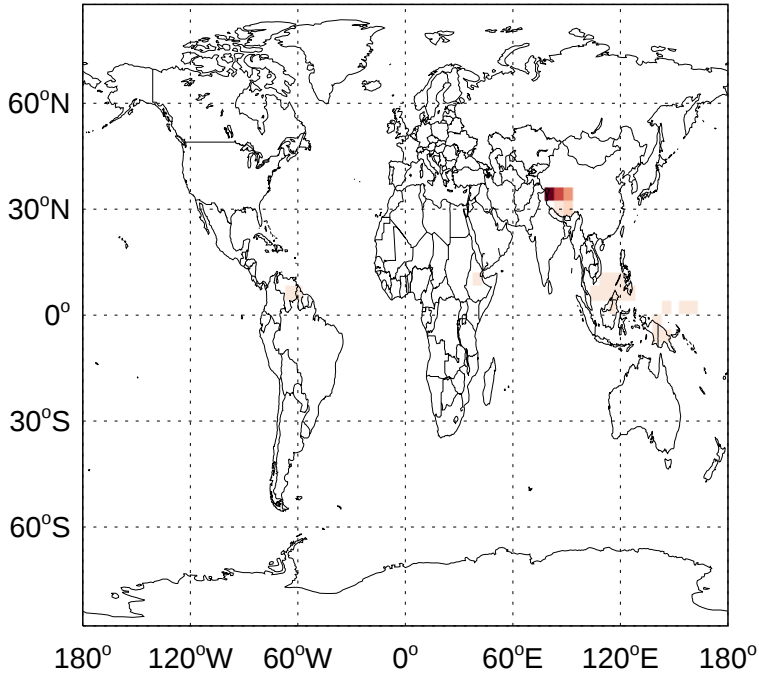
JNO3 - J-Value Diff @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

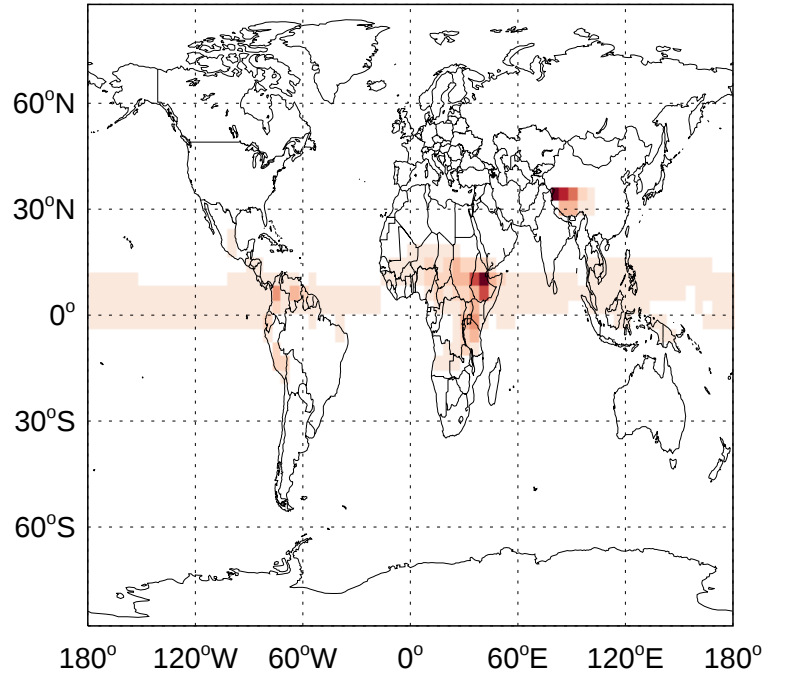
v11-02d - v11-02c

JCFC11 - J-Value Diff @ surface for Apr



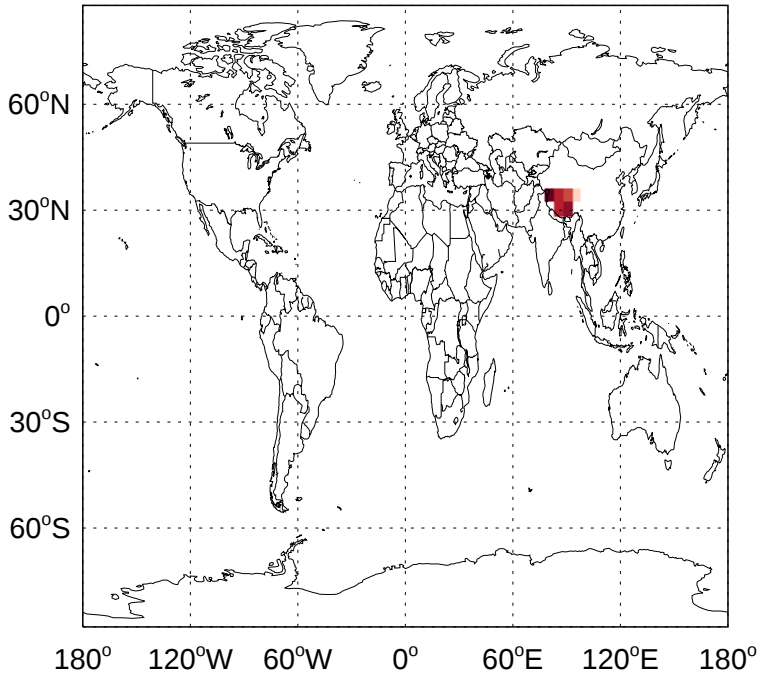
v11-02d - v11-02c

JCFC11 - J-Value Diff @ 500 hPa for Apr



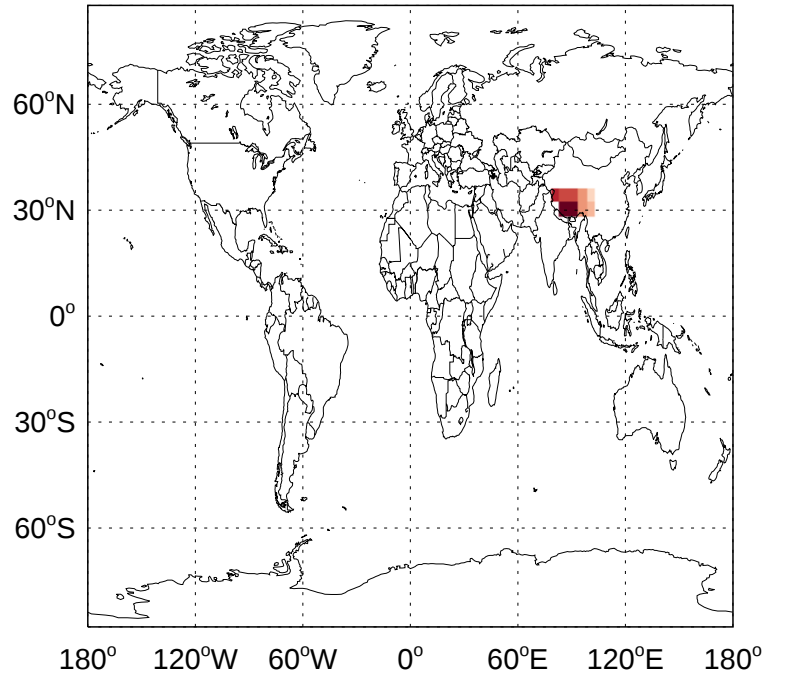
v11-02d - v11-02a

JCFC11 - J-Value Diff @ surface for Apr



v11-02d - v11-02a

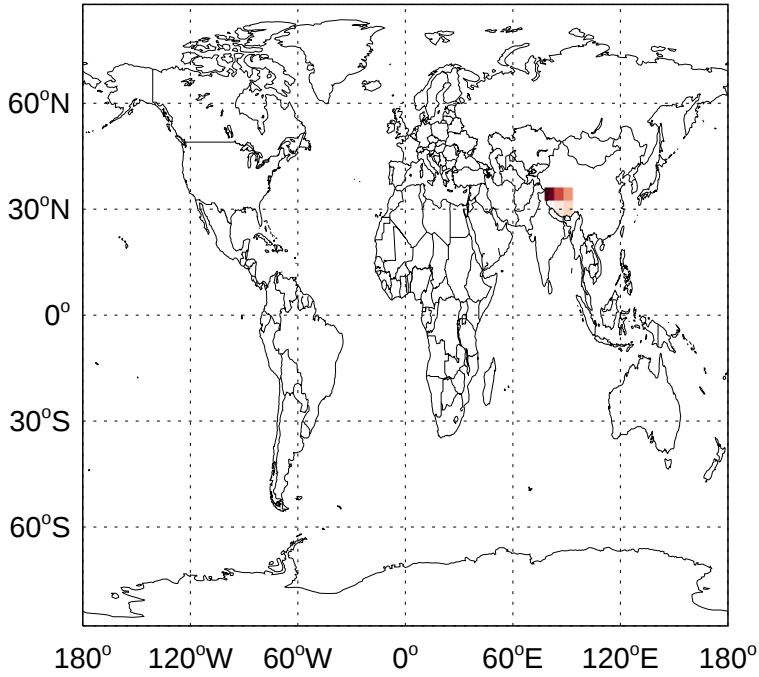
JCFC11 - J-Value Diff @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

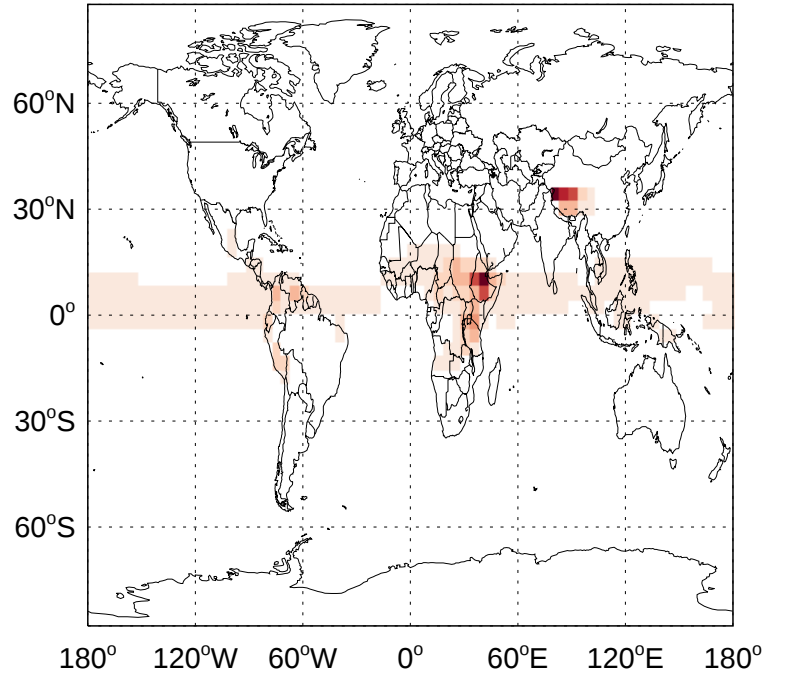
v11-02d - v11-02c

JCFC12 - J-Value Diff @ surface for Apr



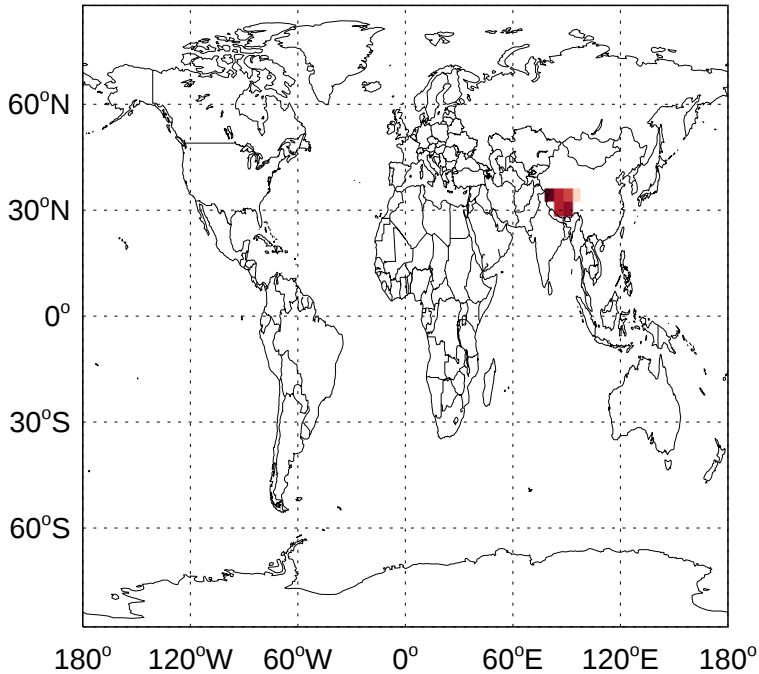
v11-02d - v11-02c

JCFC12 - J-Value Diff @ 500 hPa for Apr



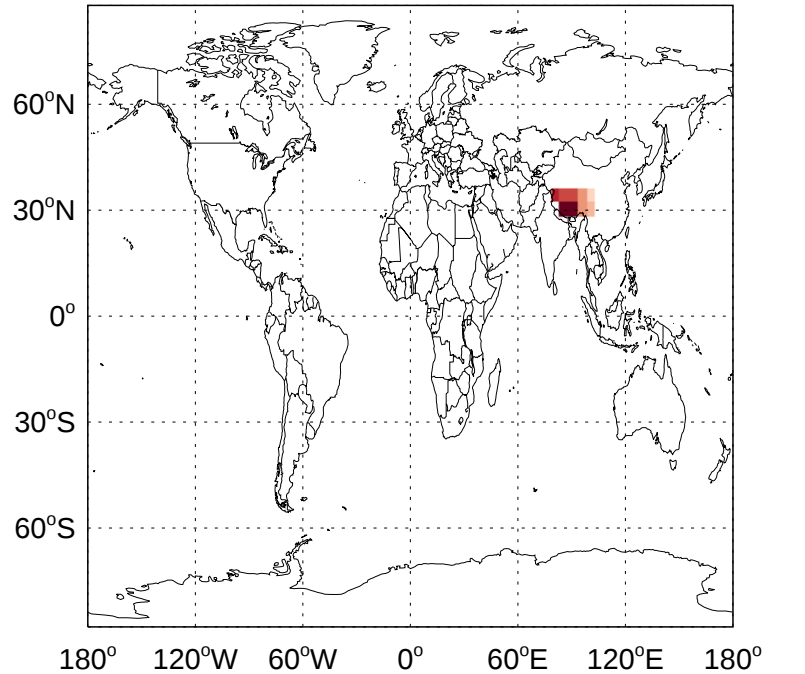
v11-02d - v11-02a

JCFC12 - J-Value Diff @ surface for Apr



v11-02d - v11-02a

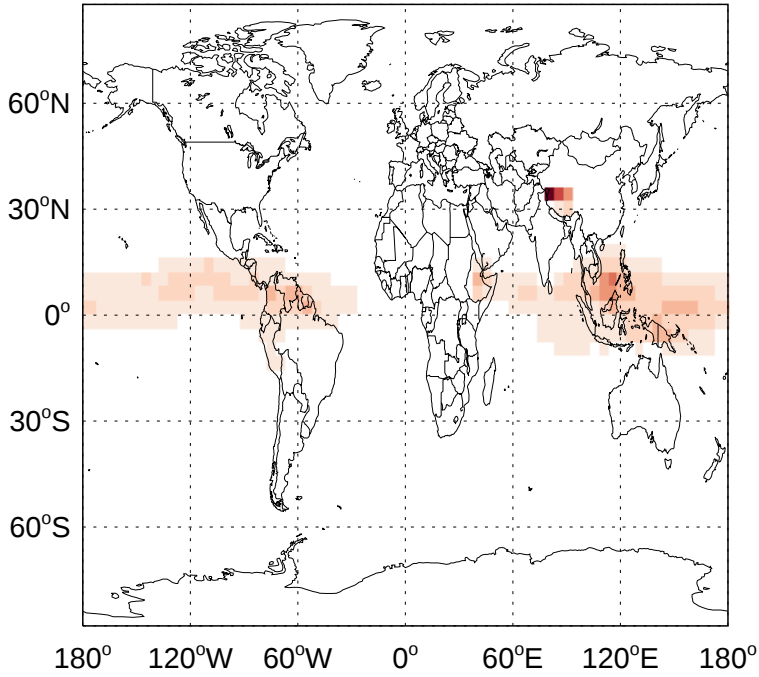
JCFC12 - J-Value Diff @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

v11-02d - v11-02c

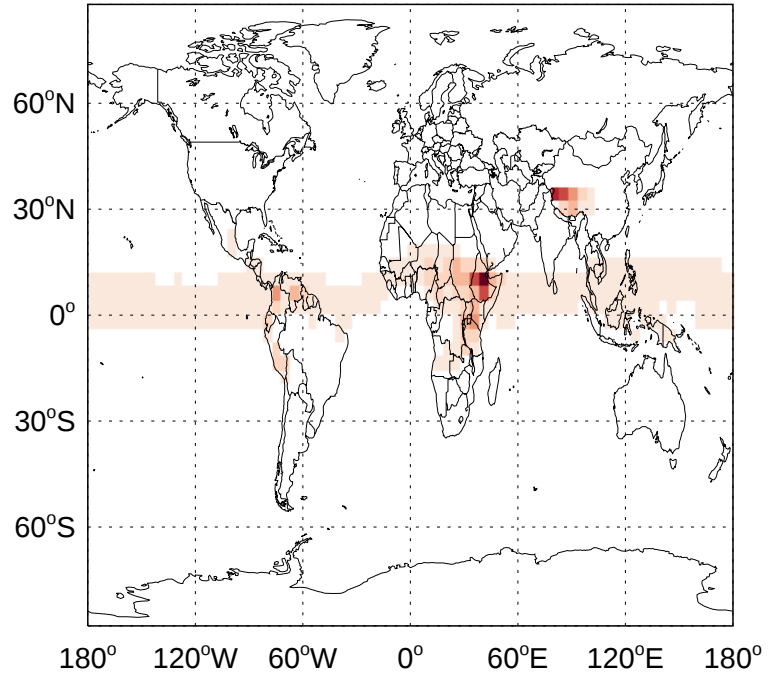
JCCI4 - J-Value Diff @ surface for Apr



-8.84e-19 -2.95e-19 2.95e-19 8.84e-19s-1

v11-02d - v11-02c

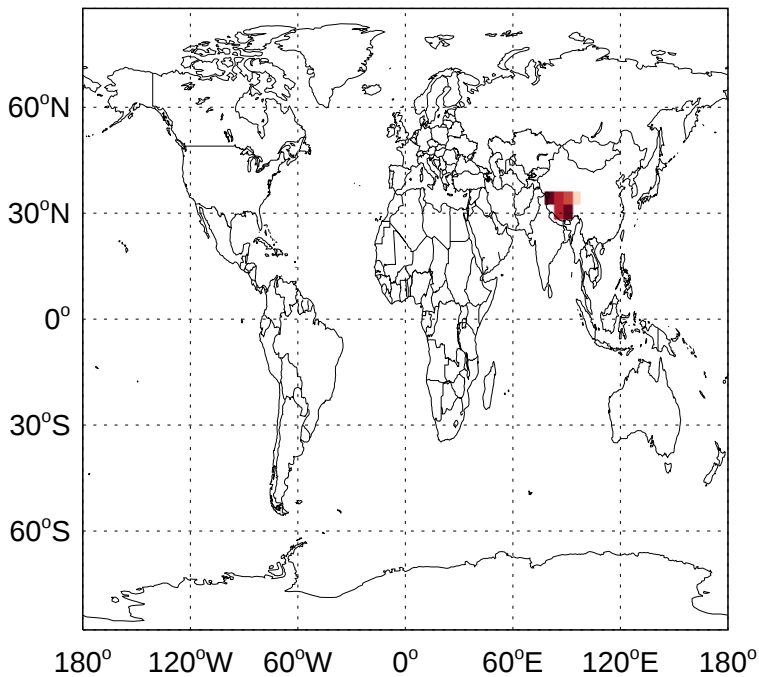
JCCI4 - J-Value Diff @ 500 hPa for Apr



-1.21e-15 -4.02e-16 4.02e-16 1.21e-15s-1

v11-02d - v11-02a

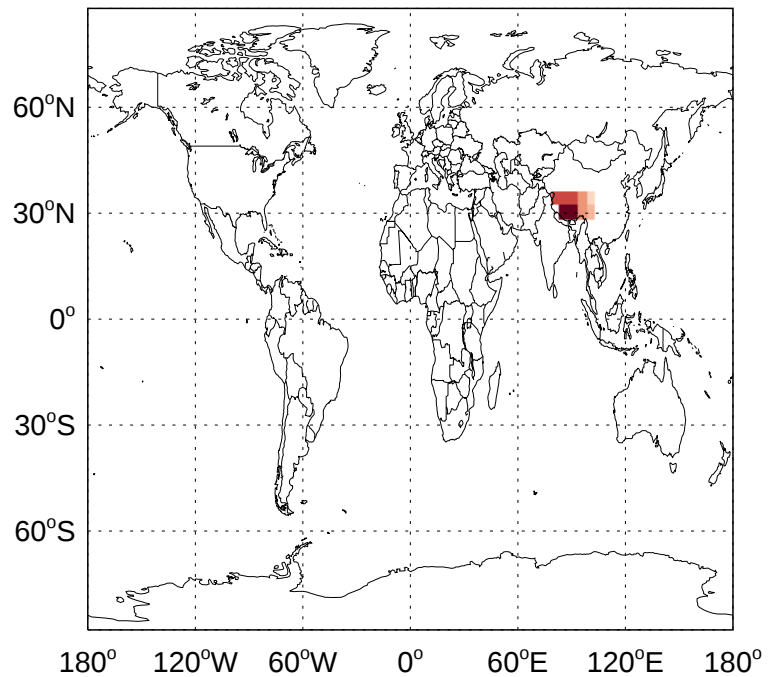
JCCI4 - J-Value Diff @ surface for Apr



-5.10e-18 -1.70e-18 1.70e-18 5.10e-18s-1

v11-02d - v11-02a

JCCI4 - J-Value Diff @ 500 hPa for Apr

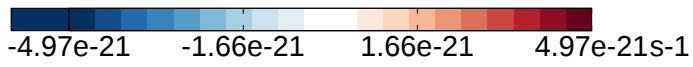
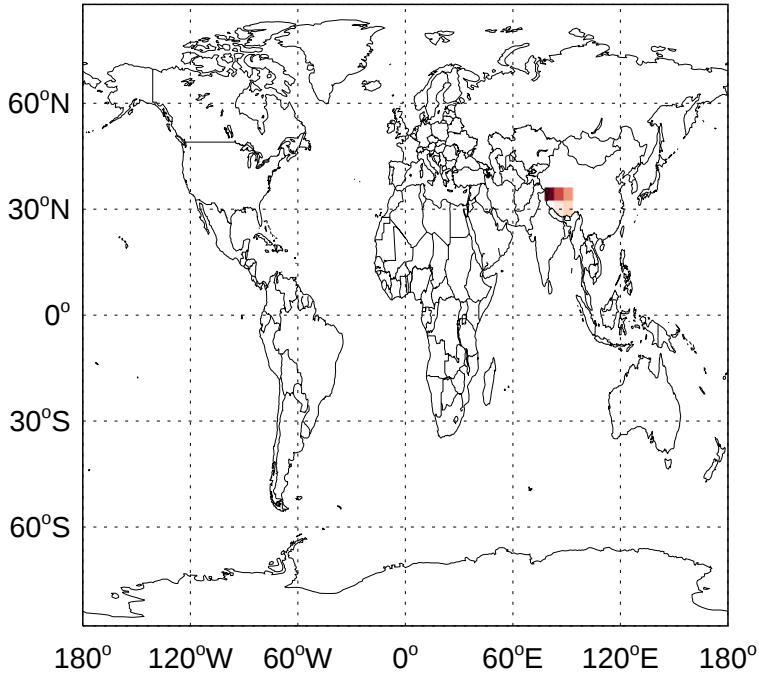


-7.33e-15 -2.44e-15 2.44e-15 7.33e-15s-1

GEOS-Chem J-Values at surface and 500 hPa

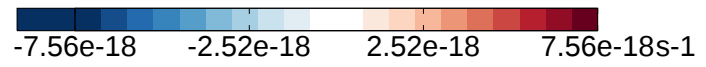
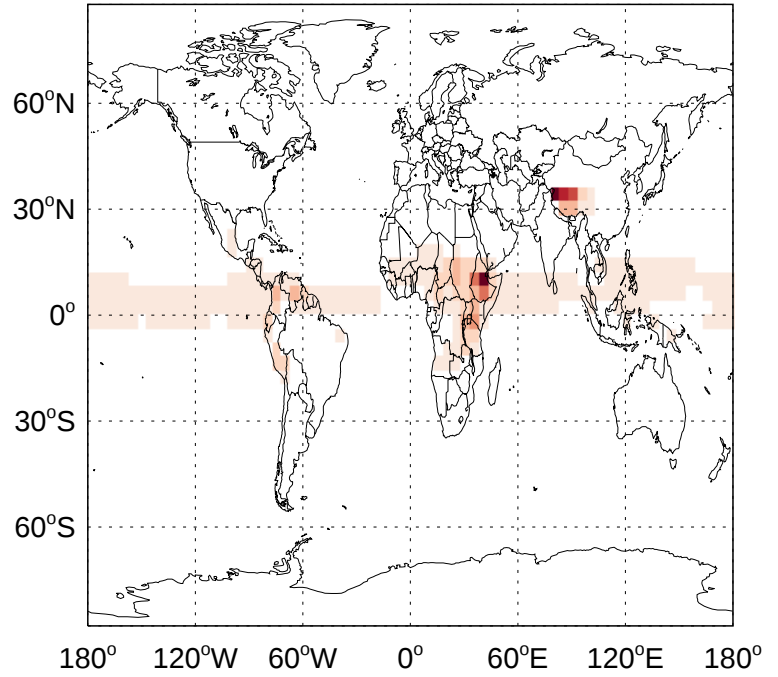
v11-02d - v11-02c

JCH3Cl - J-Value Diff @ surface for Apr



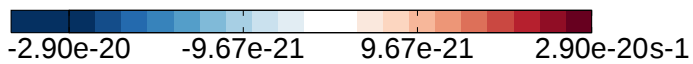
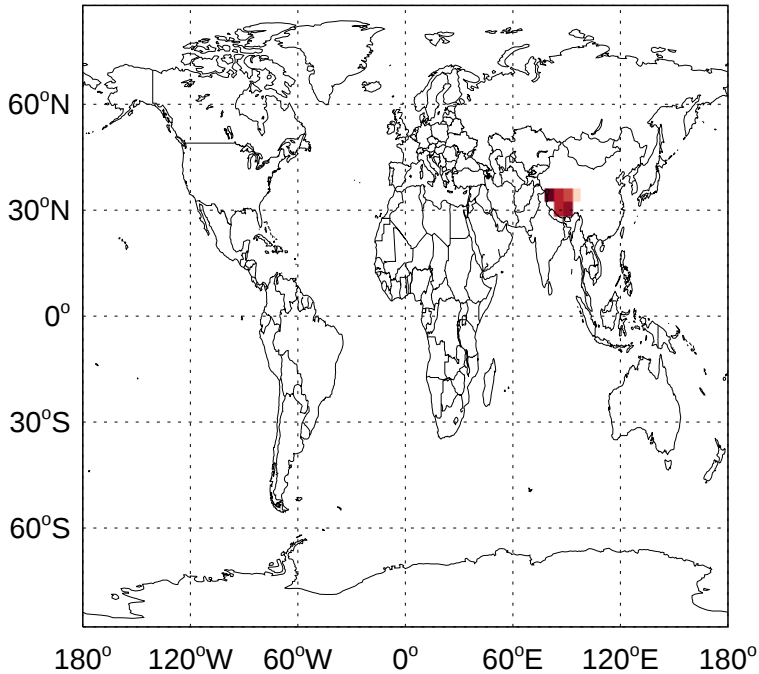
v11-02d - v11-02c

JCH3Cl - J-Value Diff @ 500 hPa for Apr



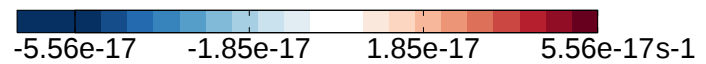
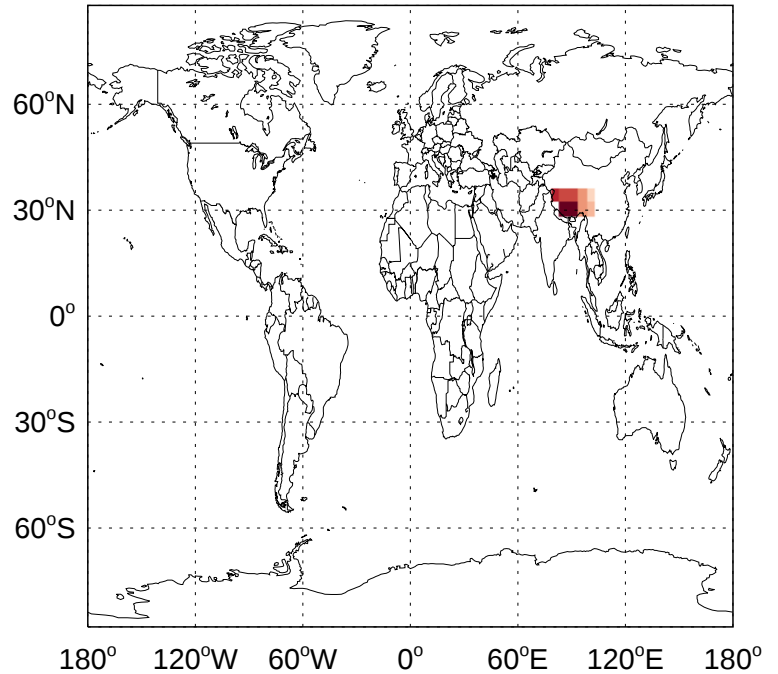
v11-02d - v11-02a

JCH3Cl - J-Value Diff @ surface for Apr



v11-02d - v11-02a

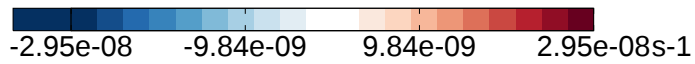
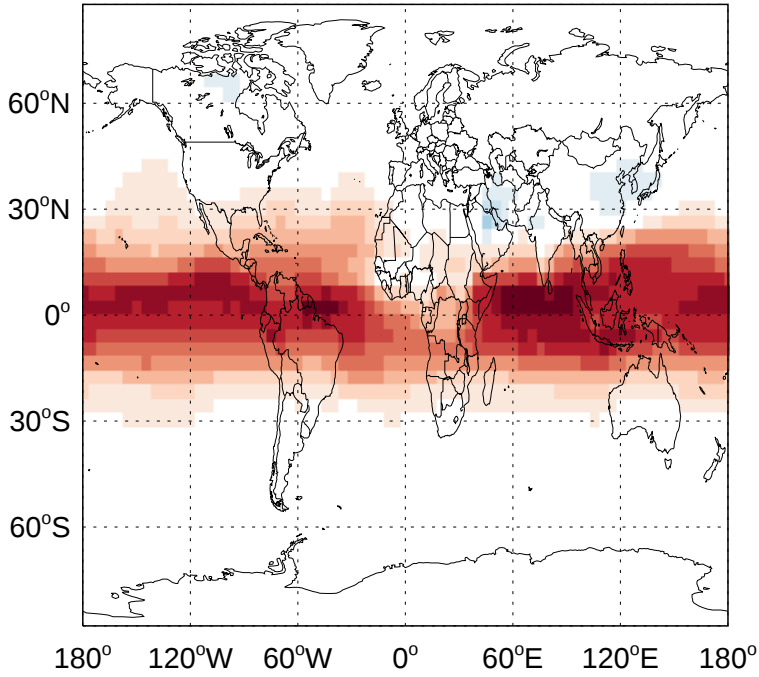
JCH3Cl - J-Value Diff @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

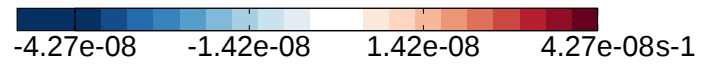
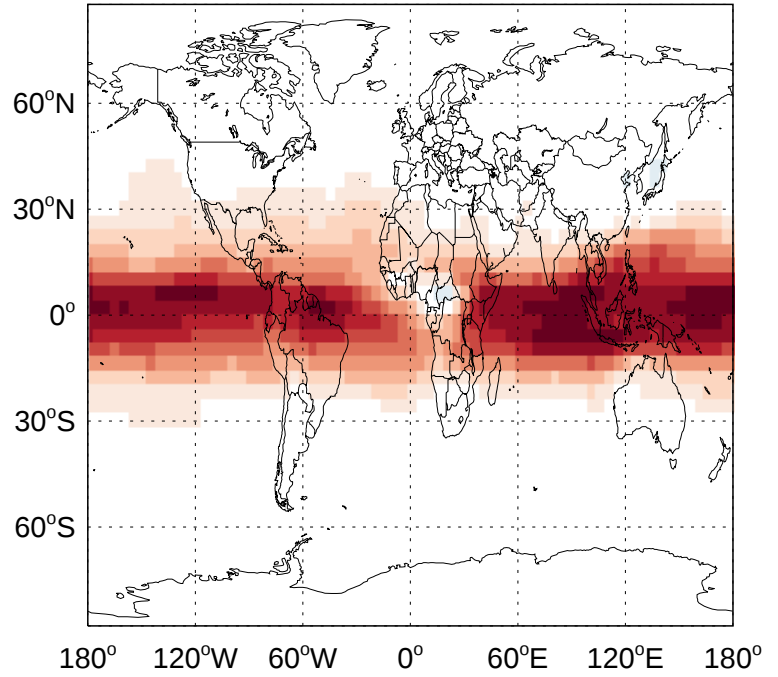
v11-02d - v11-02c

JACET - J-Value Diff @ surface for Apr



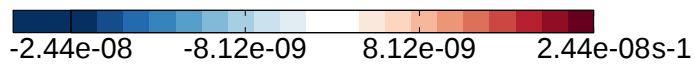
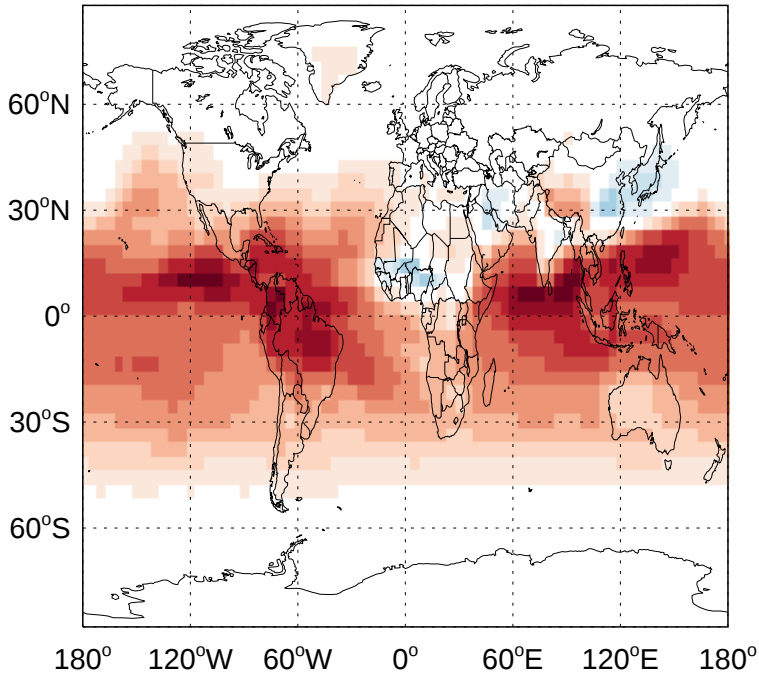
v11-02d - v11-02c

JACET - J-Value Diff @ 500 hPa for Apr



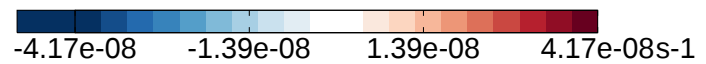
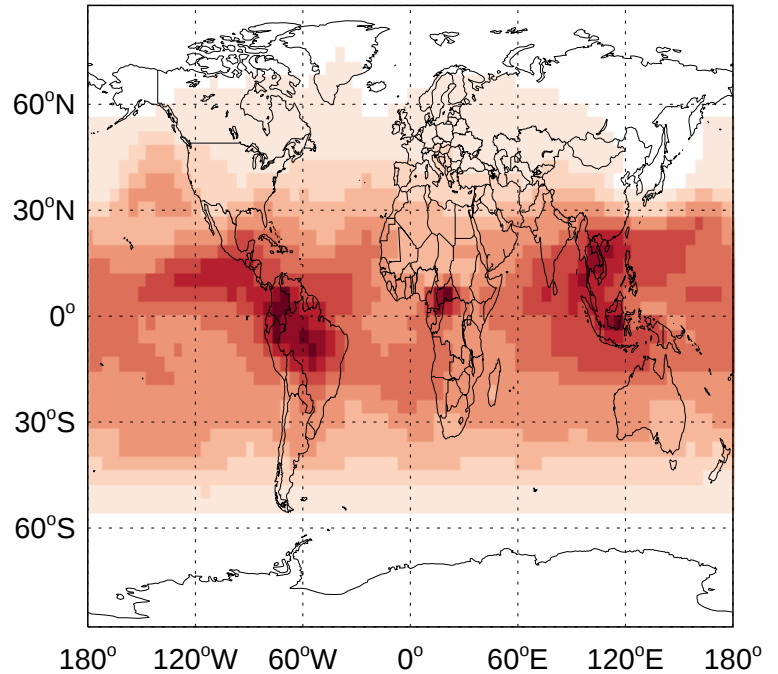
v11-02d - v11-02a

JACET - J-Value Diff @ surface for Apr



v11-02d - v11-02a

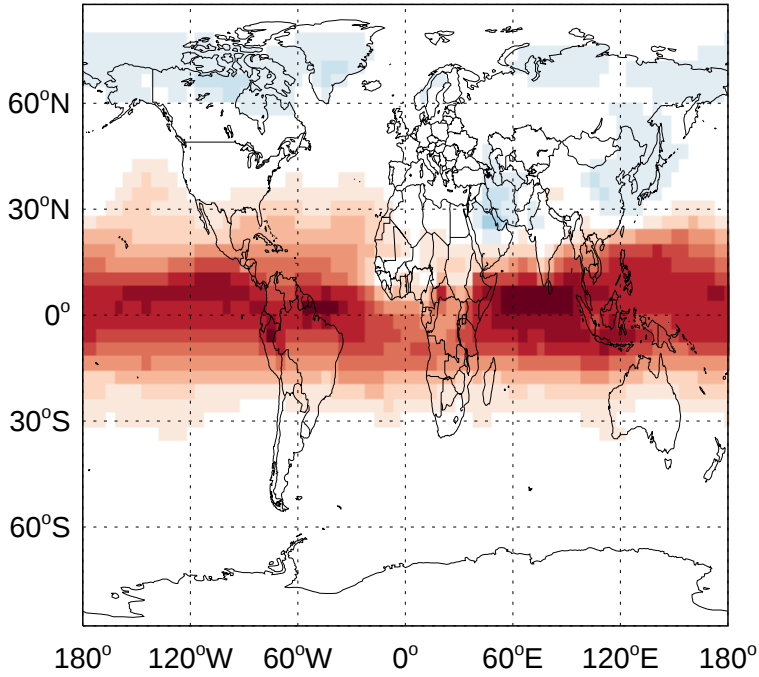
JACET - J-Value Diff @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

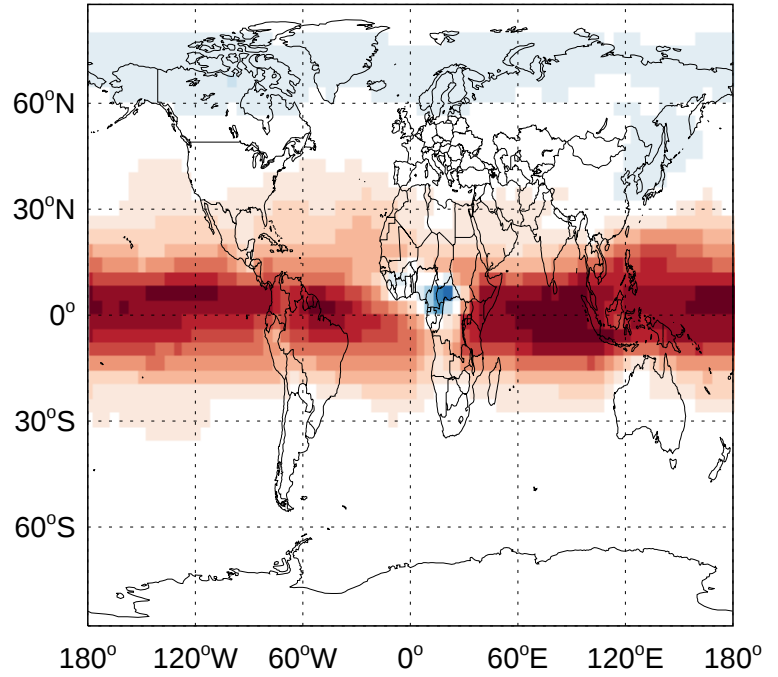
v11-02d - v11-02c

JALD2 - J-Value Diff @ surface for Apr



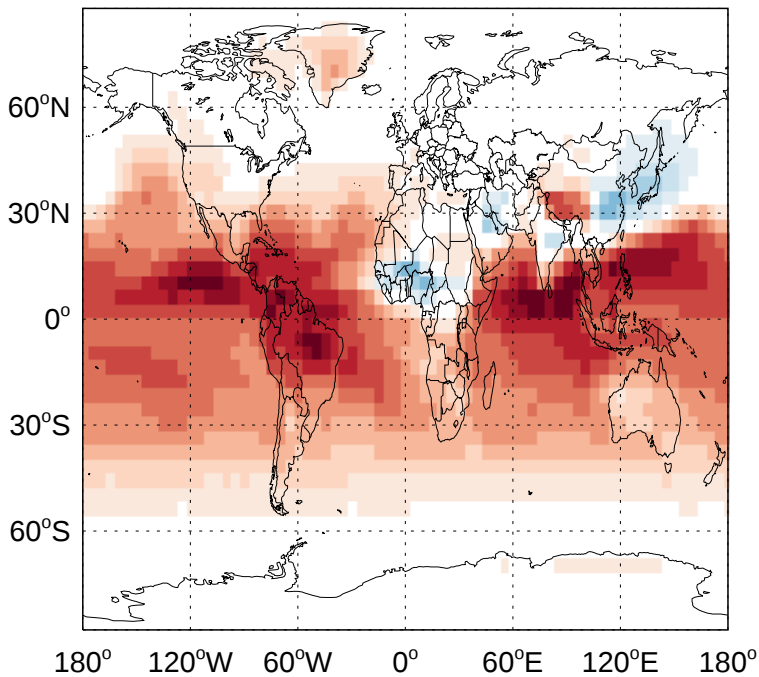
v11-02d - v11-02c

JALD2 - J-Value Diff @ 500 hPa for Apr



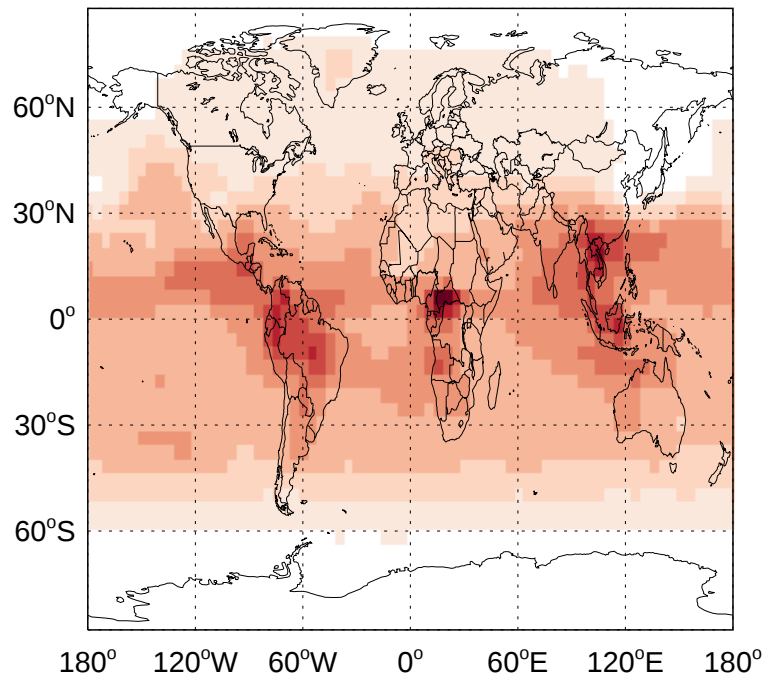
v11-02d - v11-02a

JALD2 - J-Value Diff @ surface for Apr



v11-02d - v11-02a

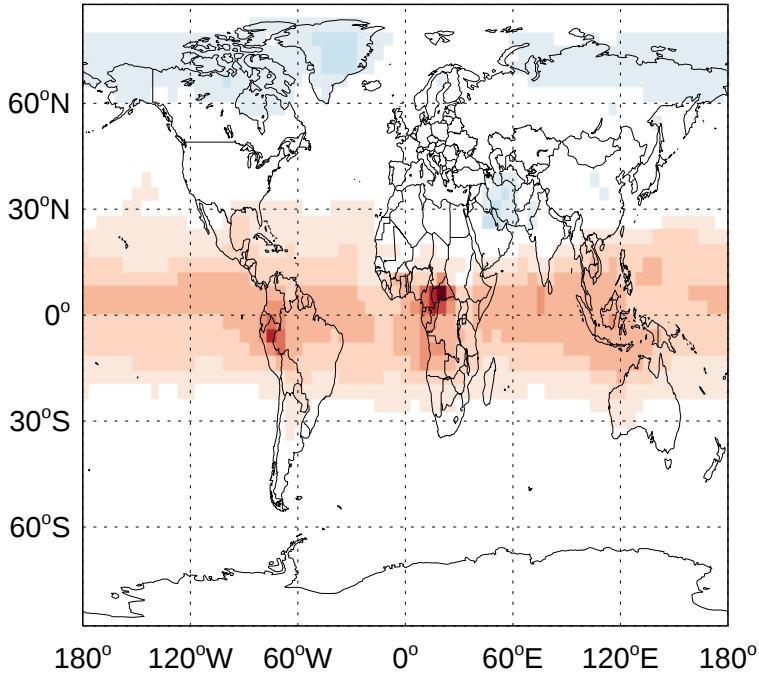
JALD2 - J-Value Diff @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

v11-02d - v11-02c

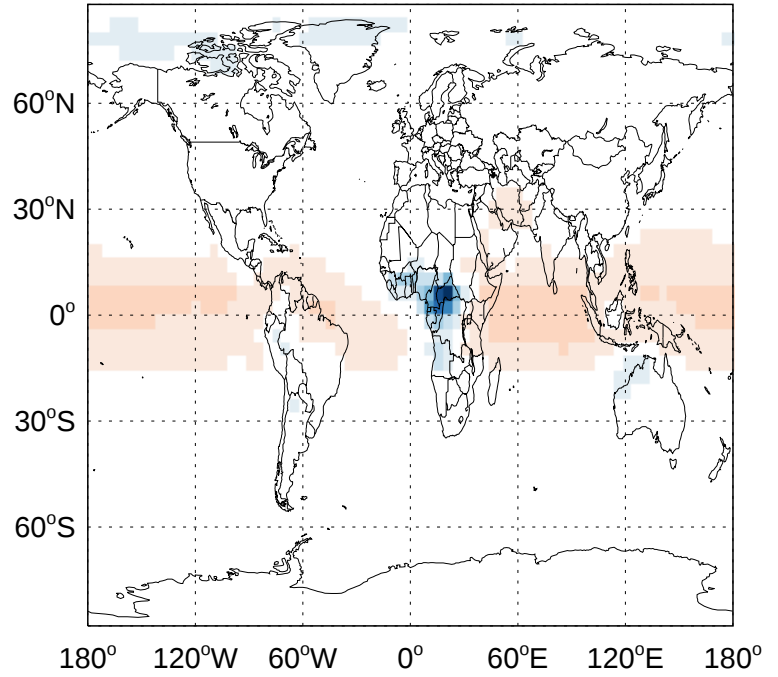
JMVK - J-Value Diff @ surface for Apr



-6.95×10^{-8} -2.32×10^{-8} 2.32×10^{-8} $6.95 \times 10^{-8} \text{ s}^{-1}$

v11-02d - v11-02c

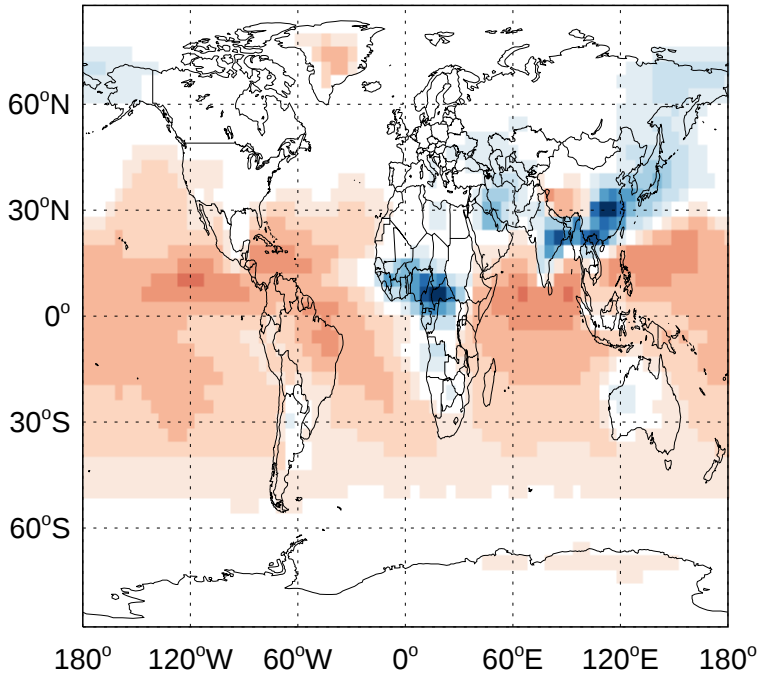
JMVK - J-Value Diff @ 500 hPa for Apr



-2.60×10^{-7} -8.66×10^{-8} 8.66×10^{-8} $2.60 \times 10^{-7} \text{ s}^{-1}$

v11-02d - v11-02a

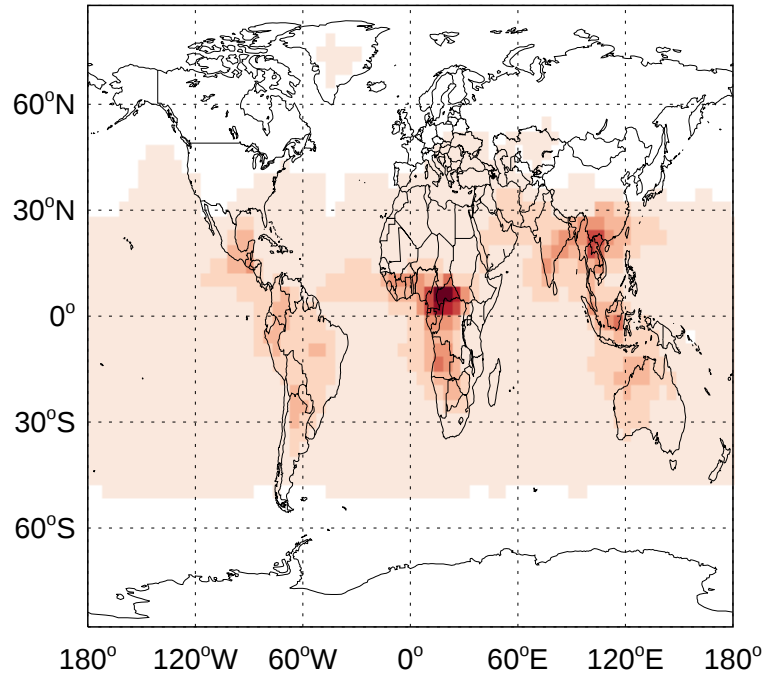
JMVK - J-Value Diff @ surface for Apr



-3.97×10^{-8} -1.32×10^{-8} 1.32×10^{-8} $3.97 \times 10^{-8} \text{ s}^{-1}$

v11-02d - v11-02a

JMVK - J-Value Diff @ 500 hPa for Apr

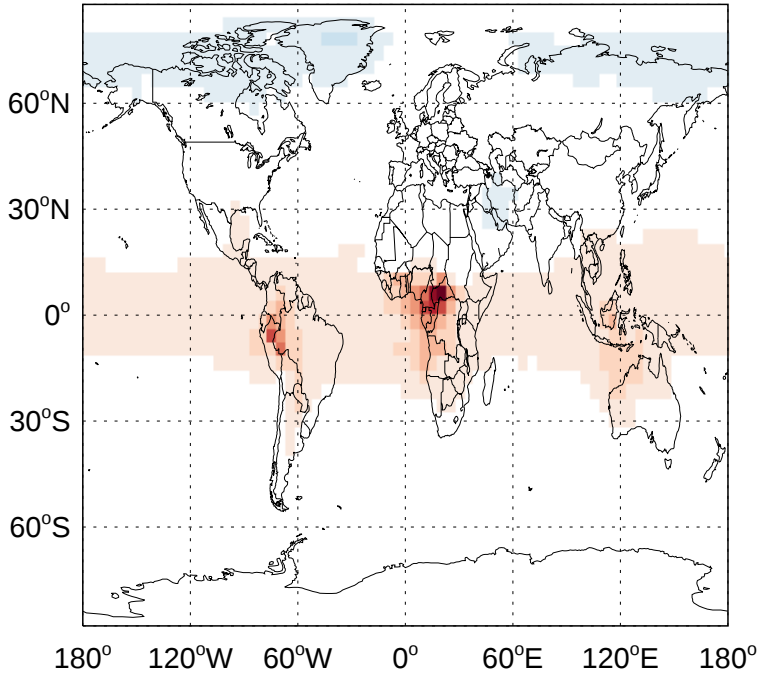


-2.57×10^{-7} -8.57×10^{-8} 8.57×10^{-8} $2.57 \times 10^{-7} \text{ s}^{-1}$

GEOS-Chem J-Values at surface and 500 hPa

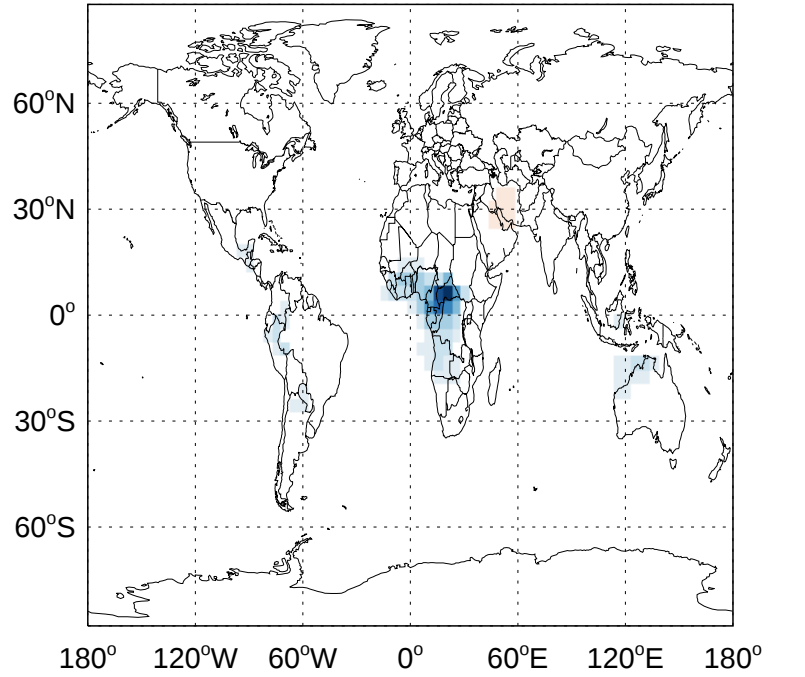
v11-02d - v11-02c

JMACR - J-Value Diff @ surface for Apr



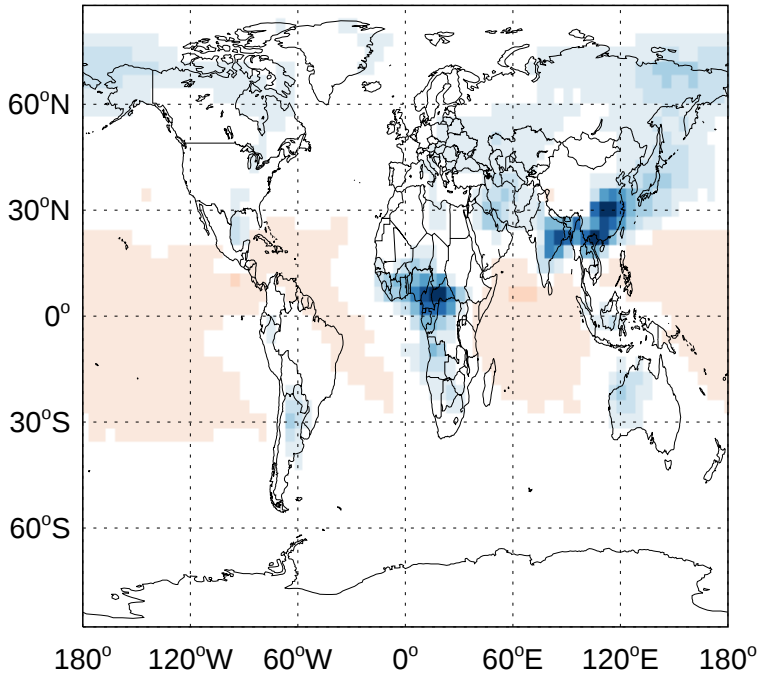
v11-02d - v11-02c

JMACR - J-Value Diff @ 500 hPa for Apr



v11-02d - v11-02a

JMACR - J-Value Diff @ surface for Apr



v11-02d - v11-02a

JMACR - J-Value Diff @ 500 hPa for Apr

