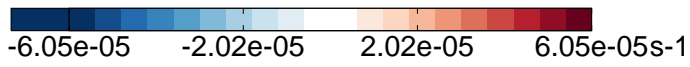
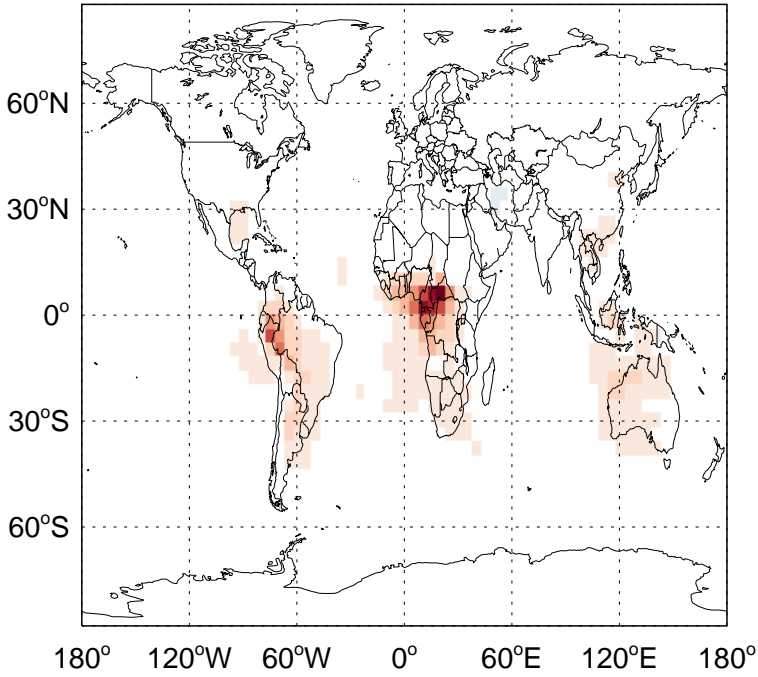


GEOS-Chem J-Values at surface and 500 hPa

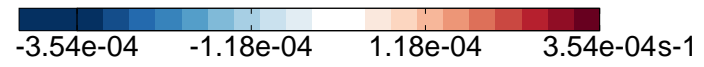
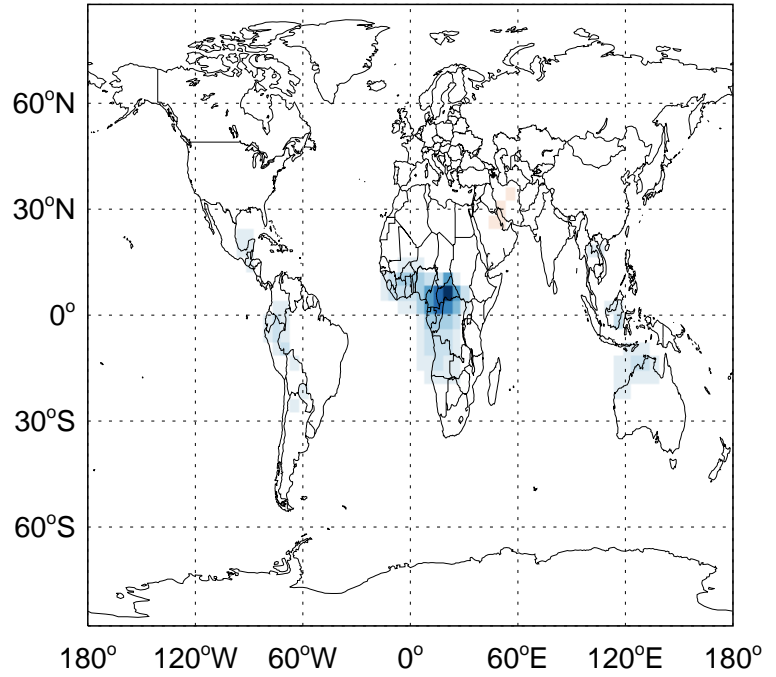
v11-02d - v11-02c

JNO2 - J-Value Diff @ surface for Apr



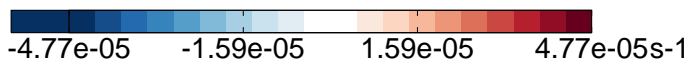
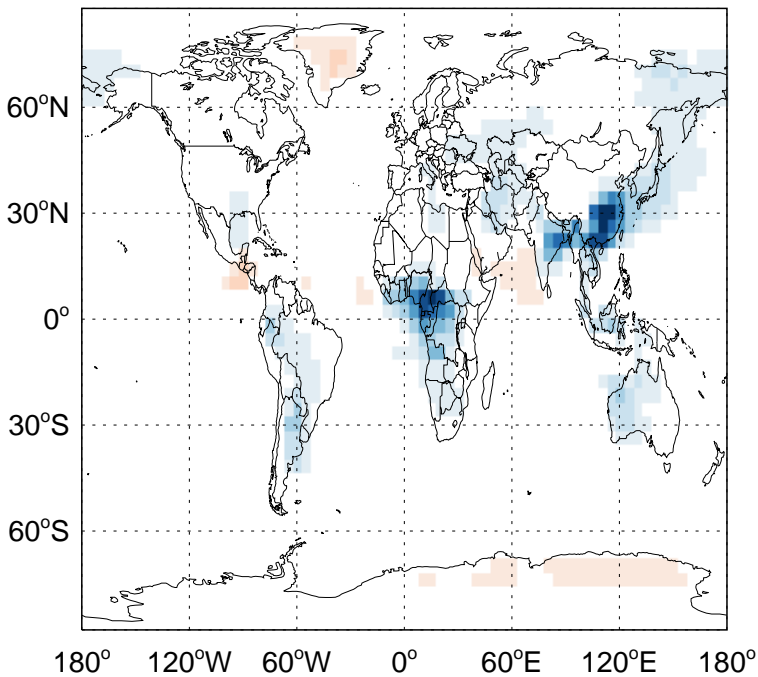
v11-02d - v11-02c

JNO2 - J-Value Diff @ 500 hPa for Apr



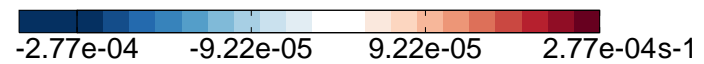
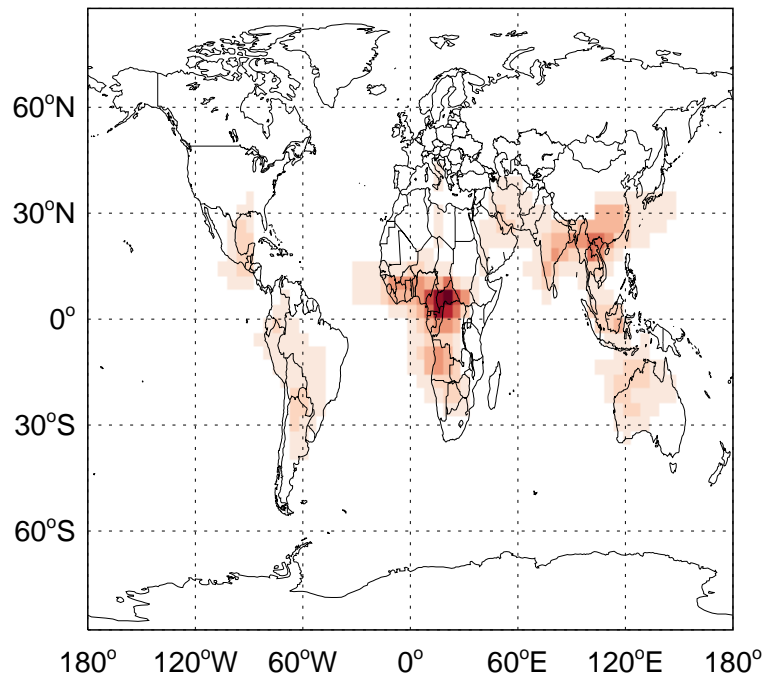
v11-02d - v11-02a

JNO2 - J-Value Diff @ surface for Apr



v11-02d - v11-02a

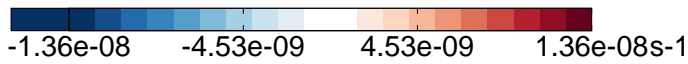
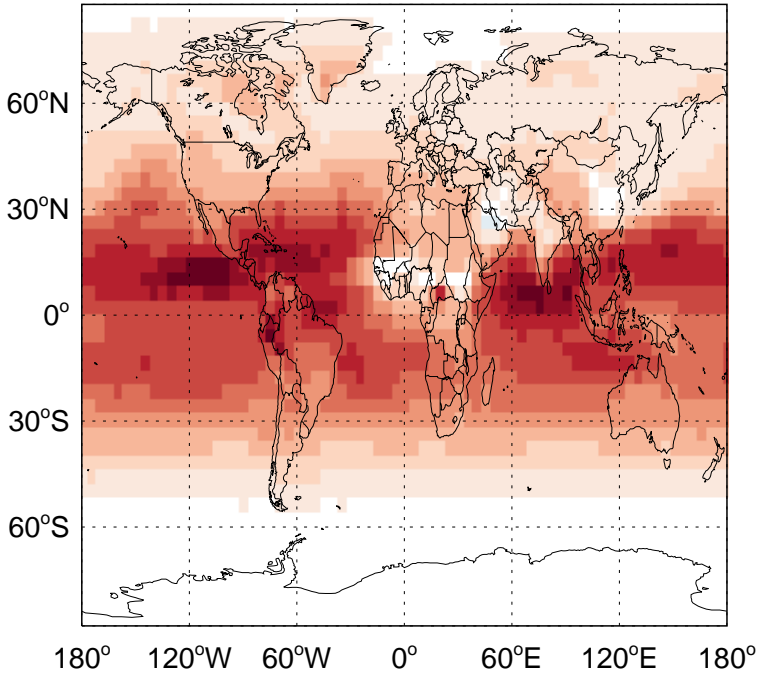
JNO2 - J-Value Diff @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

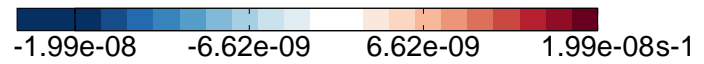
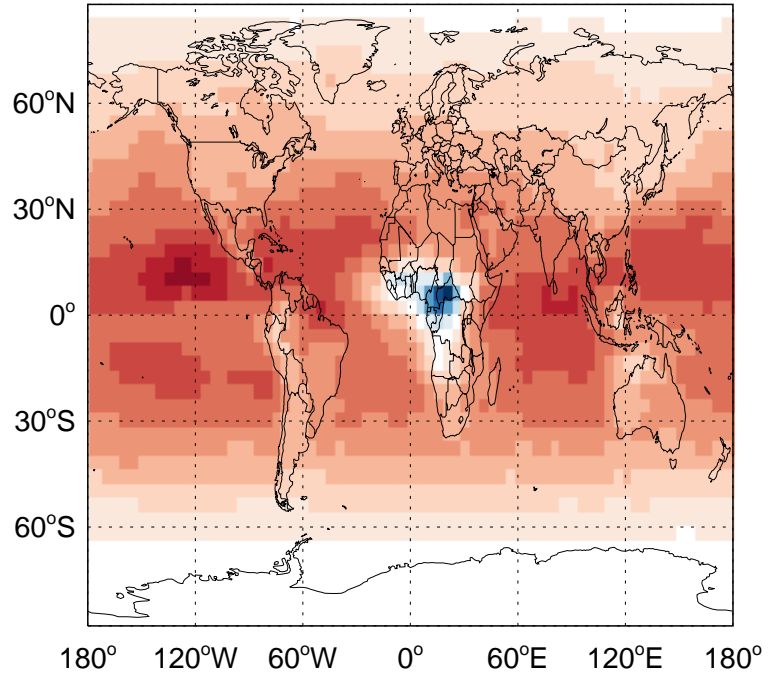
v11-02d - v11-02c

JHNO3 - J-Value Diff @ surface for Apr



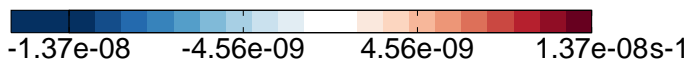
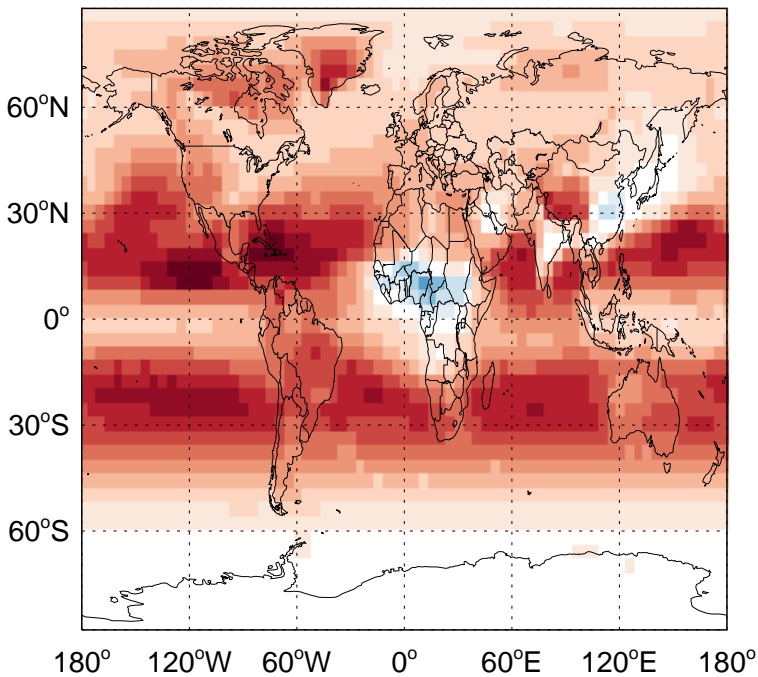
v11-02d - v11-02c

JHNO3 - J-Value Diff @ 500 hPa for Apr



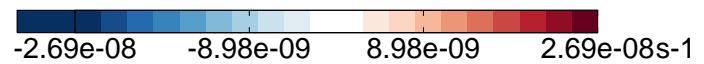
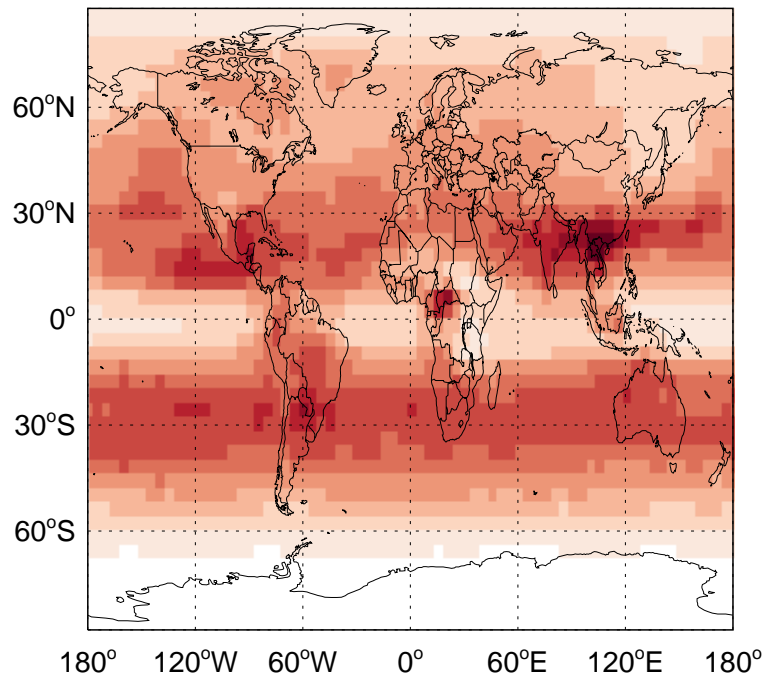
v11-02d - v11-02a

JHNO3 - J-Value Diff @ surface for Apr



v11-02d - v11-02a

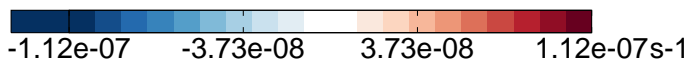
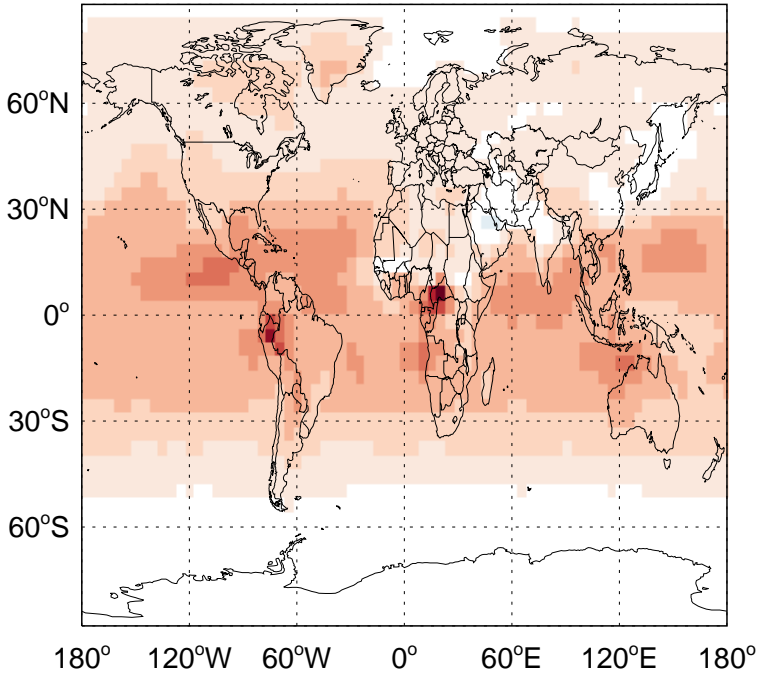
JHNO3 - J-Value Diff @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

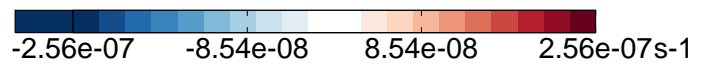
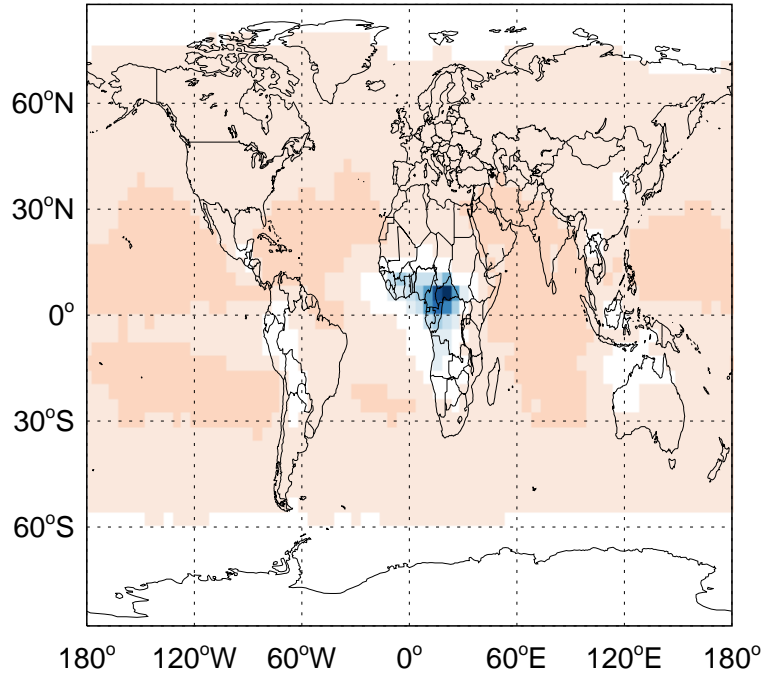
v11-02d - v11-02c

JH2O2 - J-Value Diff @ surface for Apr



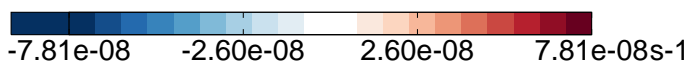
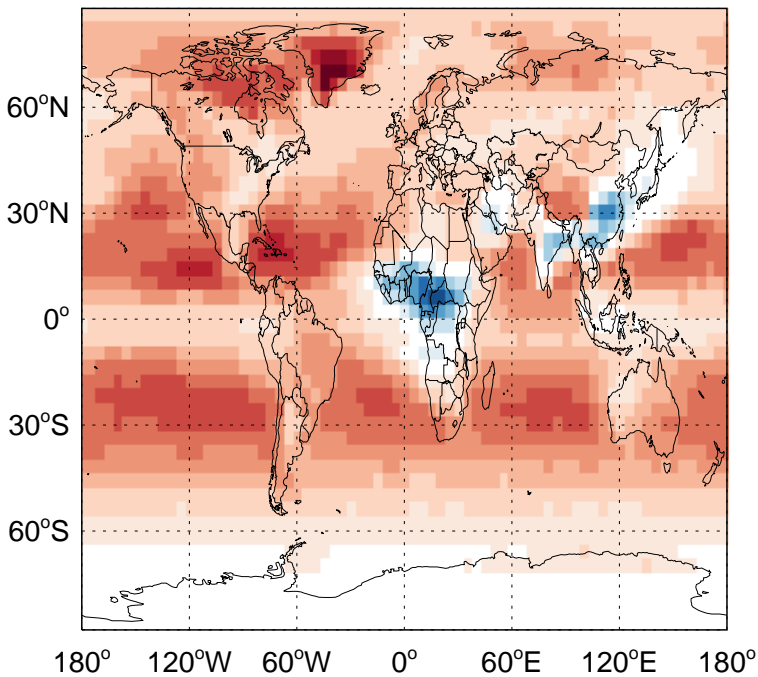
v11-02d - v11-02c

JH2O2 - J-Value Diff @ 500 hPa for Apr



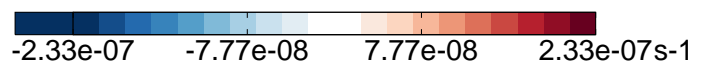
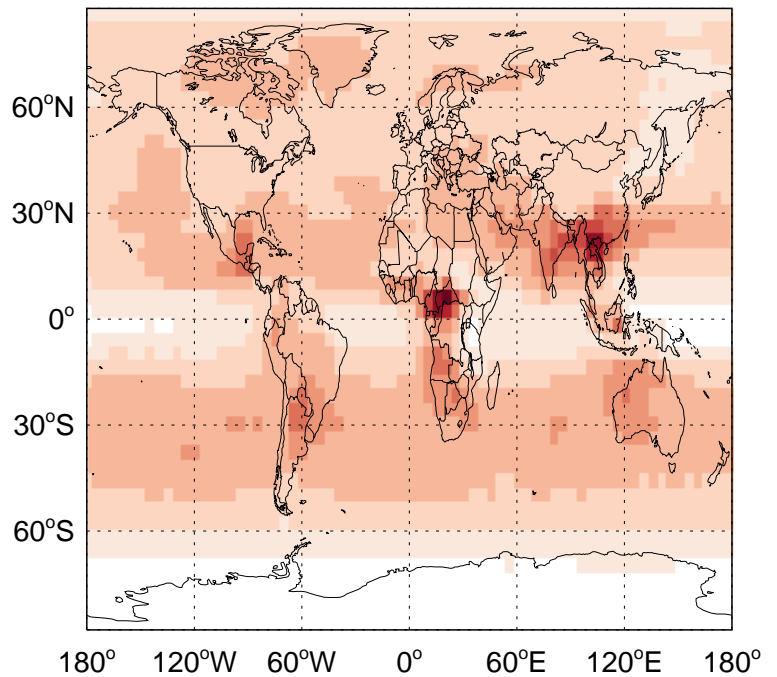
v11-02d - v11-02a

JH2O2 - J-Value Diff @ surface for Apr



v11-02d - v11-02a

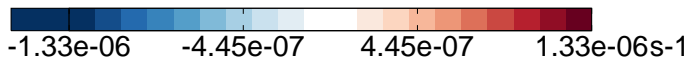
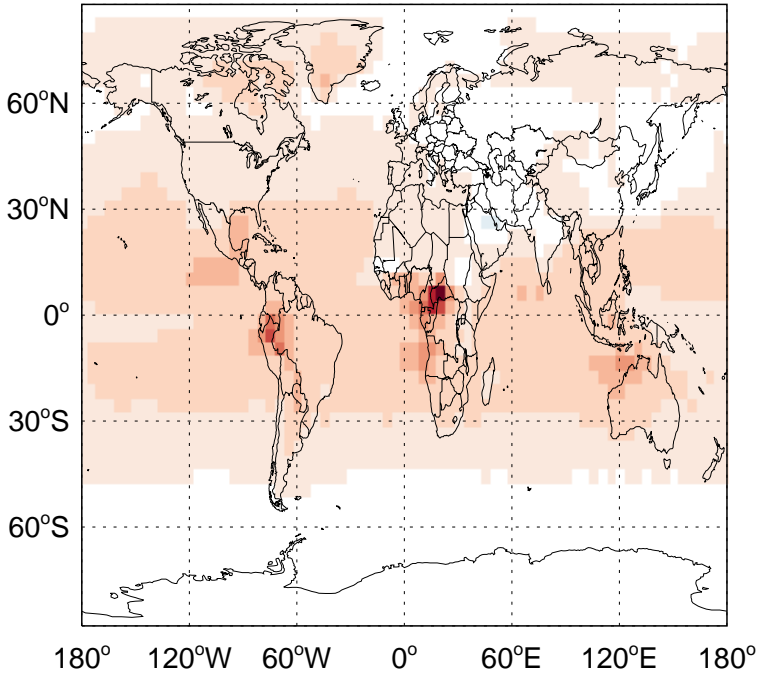
JH2O2 - J-Value Diff @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

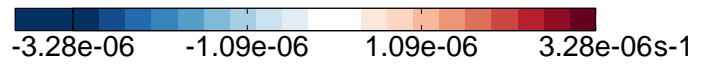
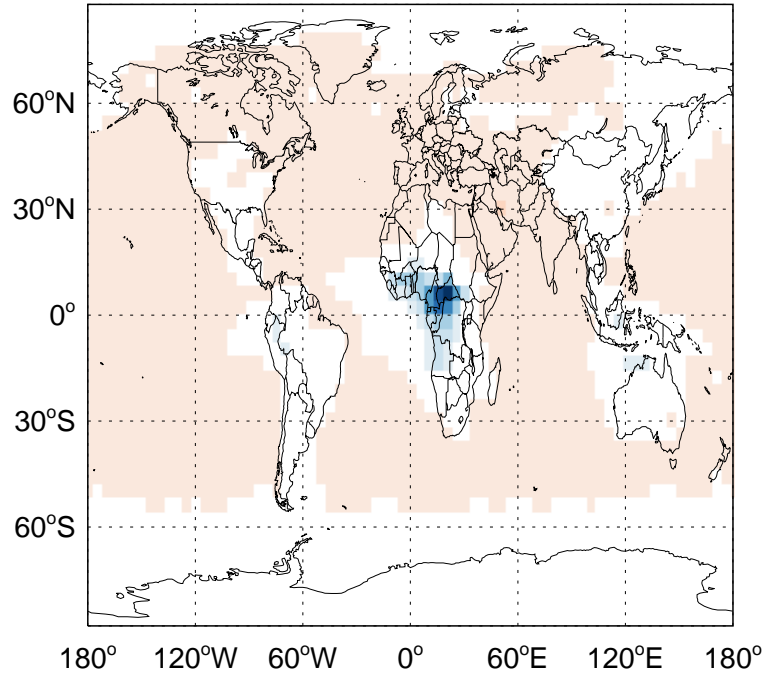
v11-02d - v11-02c

JCH2O - J-Value Diff @ surface for Apr



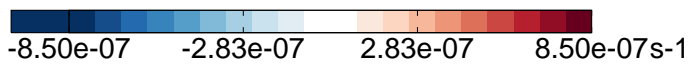
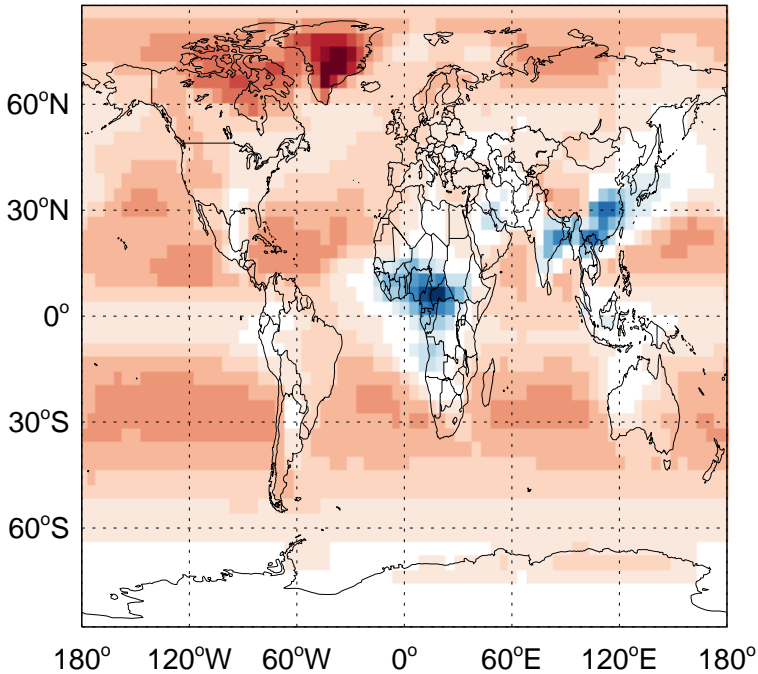
v11-02d - v11-02c

JCH2O - J-Value Diff @ 500 hPa for Apr



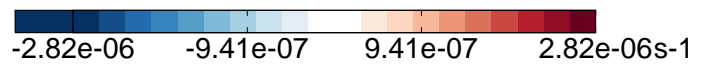
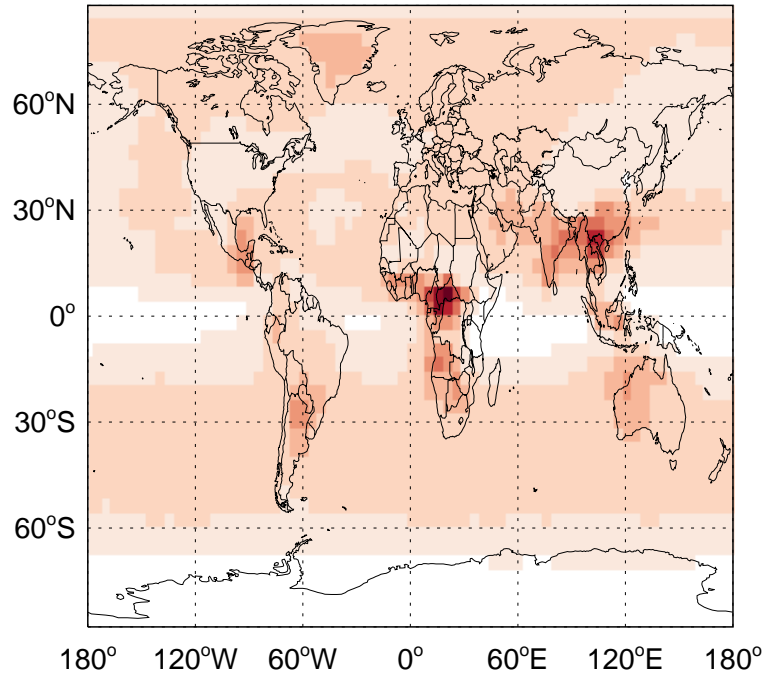
v11-02d - v11-02a

JCH2O - J-Value Diff @ surface for Apr



v11-02d - v11-02a

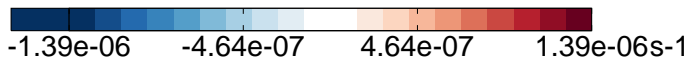
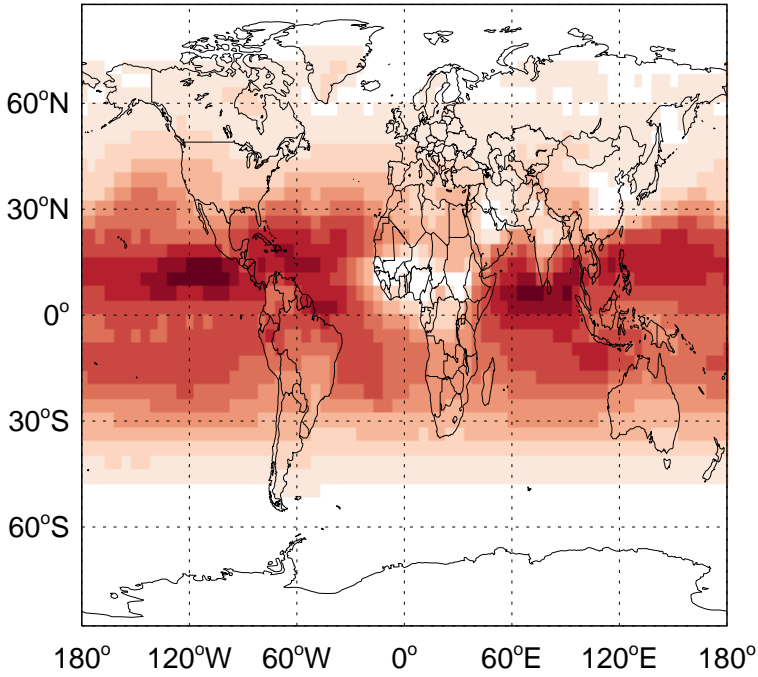
JCH2O - J-Value Diff @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

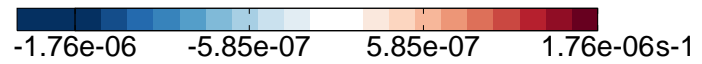
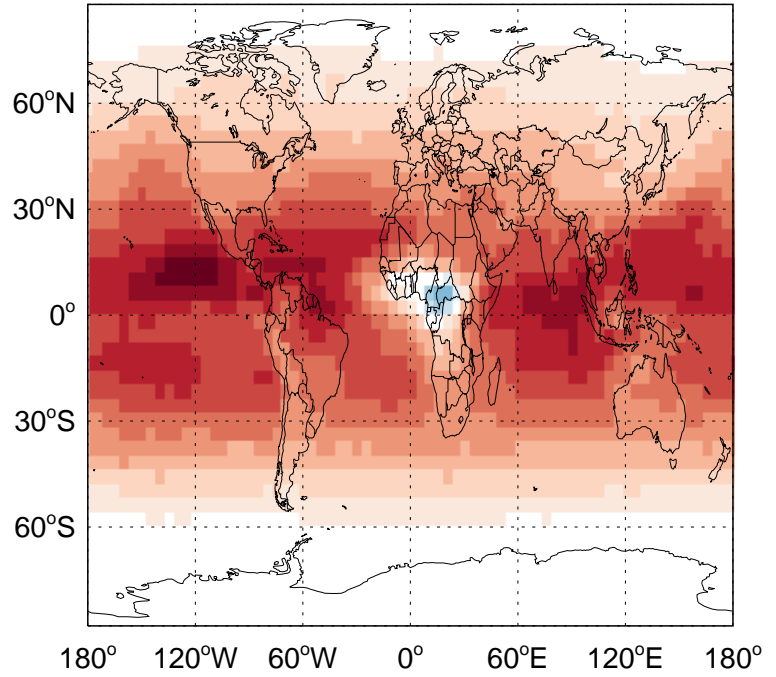
v11-02d - v11-02c

JO3_O1D - J-Value Diff @ surface for Apr



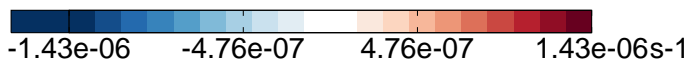
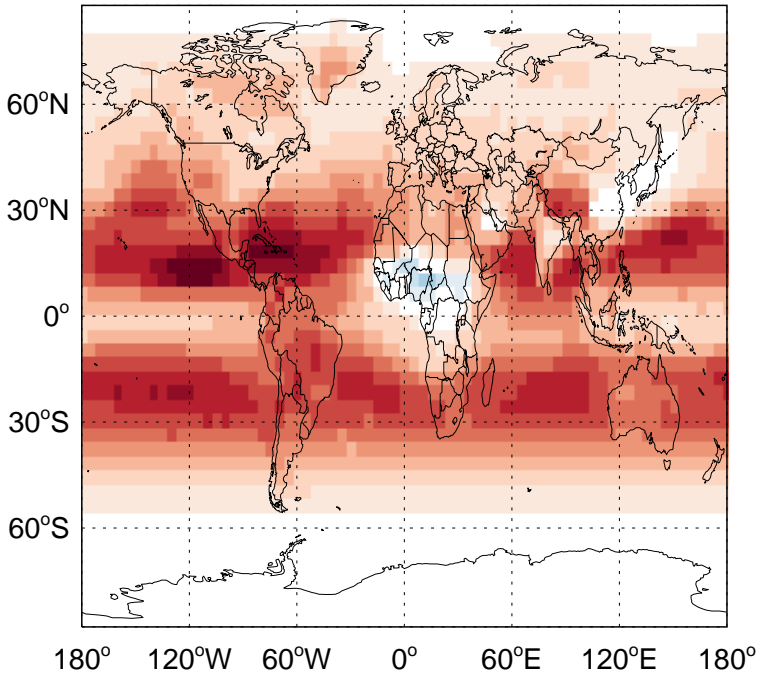
v11-02d - v11-02c

JO3_O1D - J-Value Diff @ 500 hPa for Apr



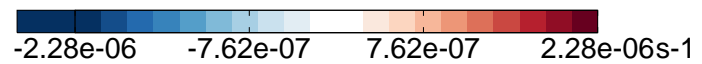
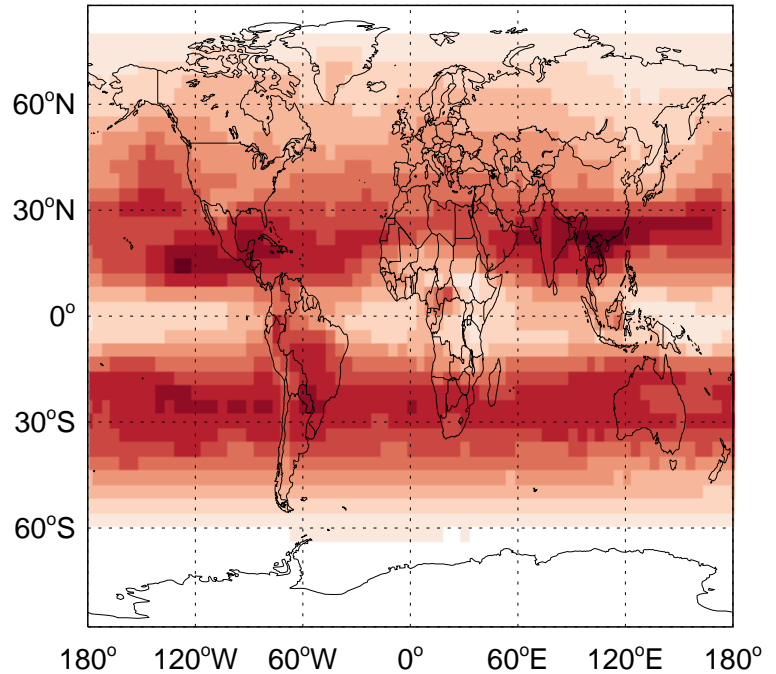
v11-02d - v11-02a

JO3_O1D - J-Value Diff @ surface for Apr



v11-02d - v11-02a

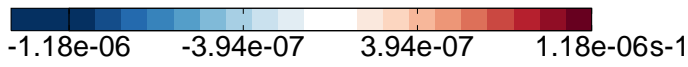
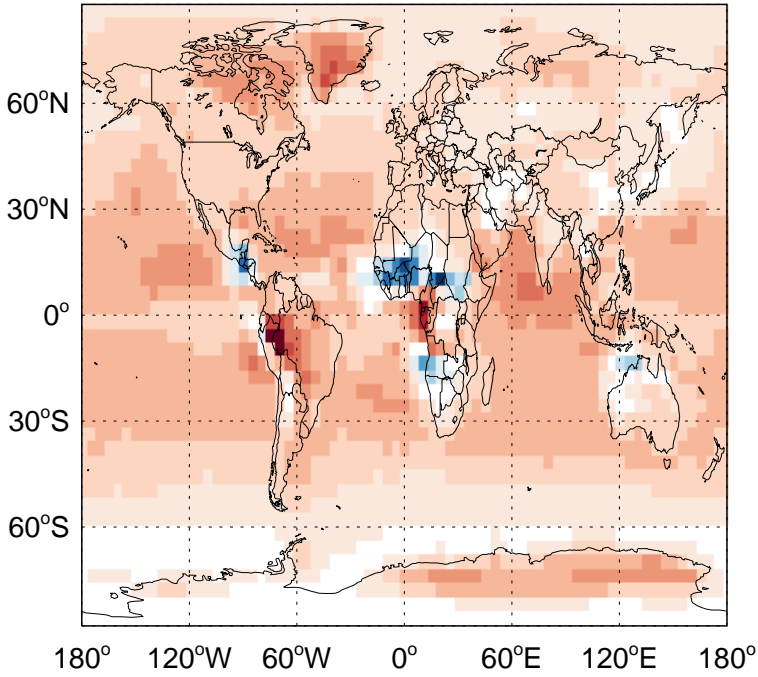
JO3_O1D - J-Value Diff @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

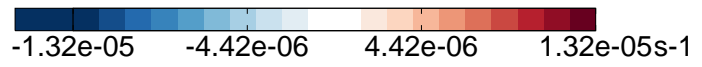
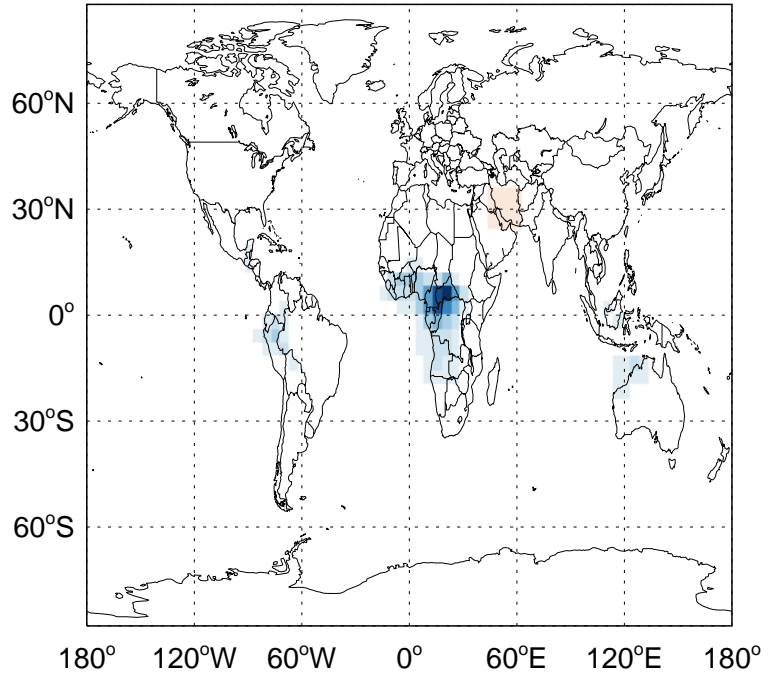
v11-02d - v11-02c

JO3_O3P - J-Value Diff @ surface for Apr



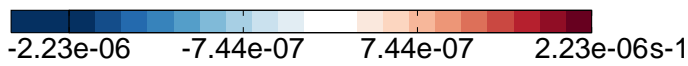
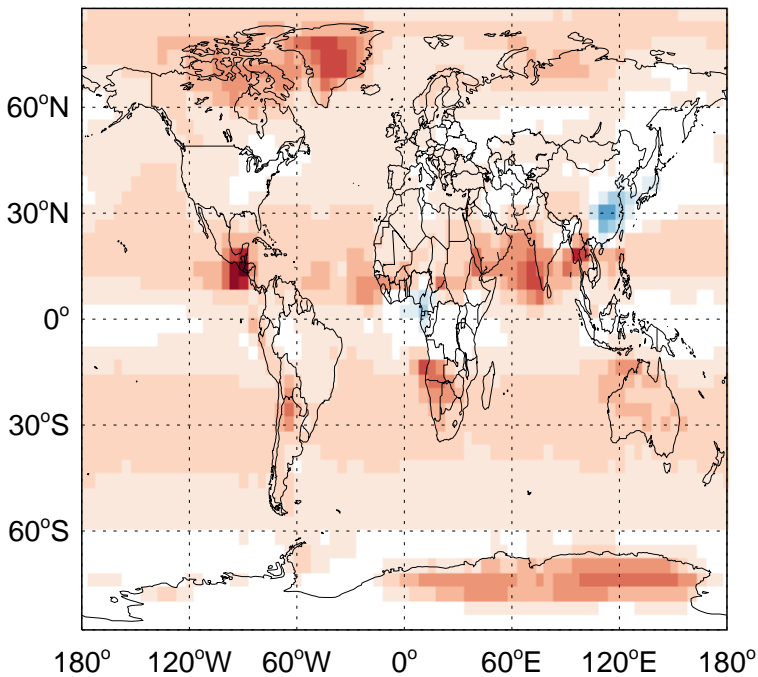
v11-02d - v11-02c

JO3_O3P - J-Value Diff @ 500 hPa for Apr



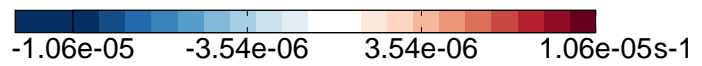
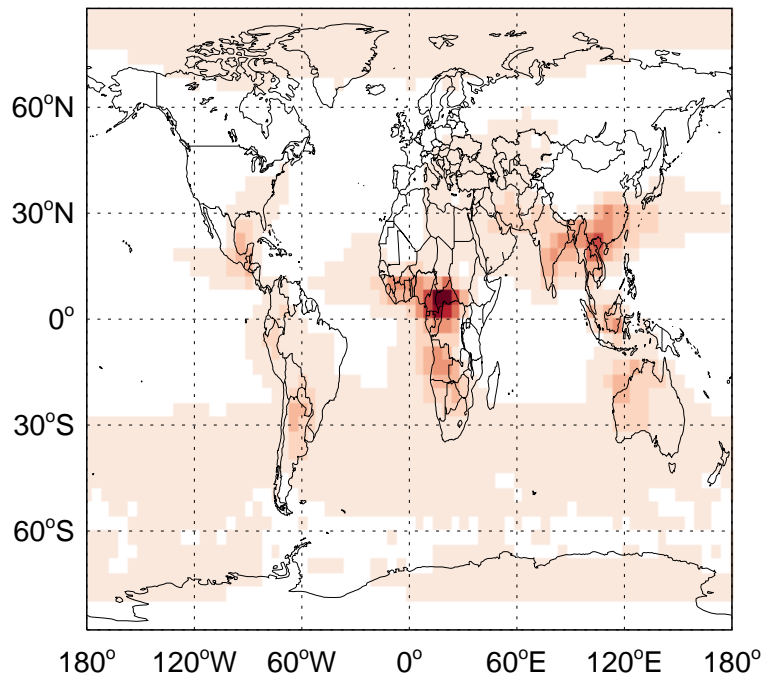
v11-02d - v11-02a

JO3_O3P - J-Value Diff @ surface for Apr



v11-02d - v11-02a

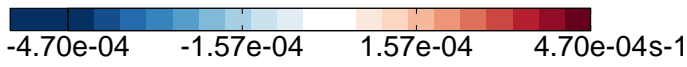
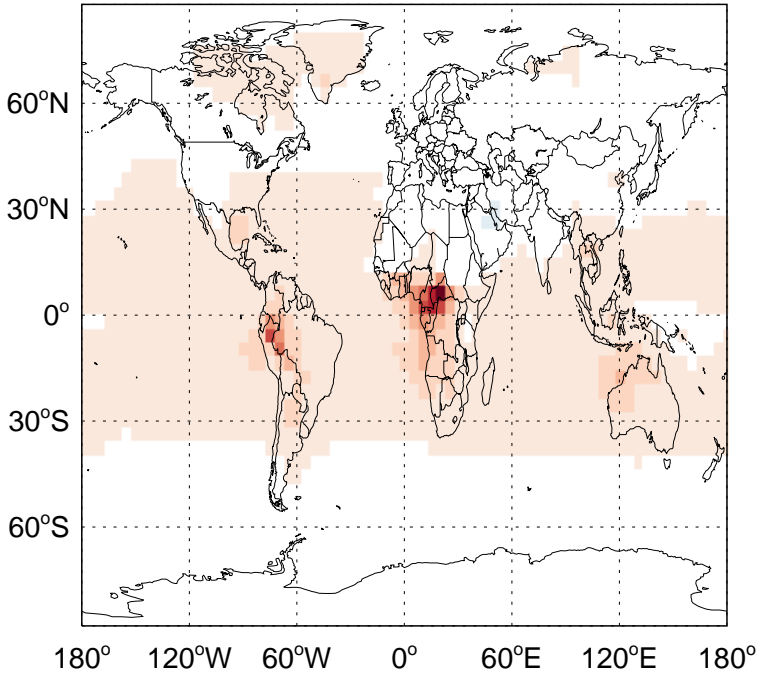
JO3_O3P - J-Value Diff @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

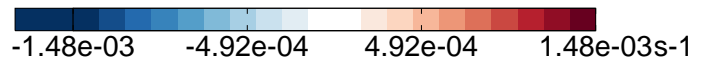
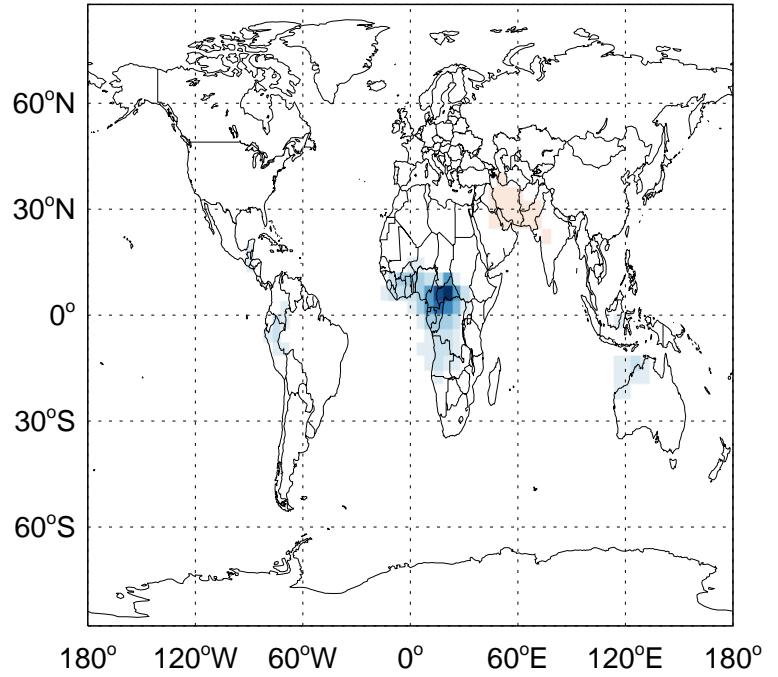
v11-02d - v11-02c

JBrO - J-Value Diff @ surface for Apr



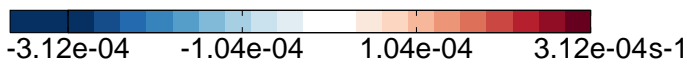
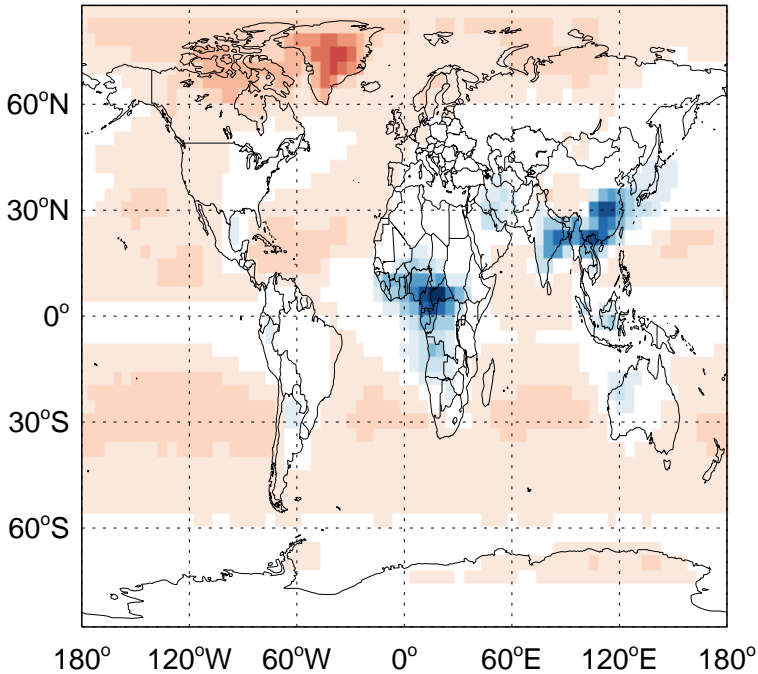
v11-02d - v11-02c

JBrO - J-Value Diff @ 500 hPa for Apr



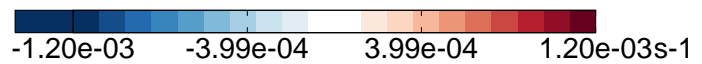
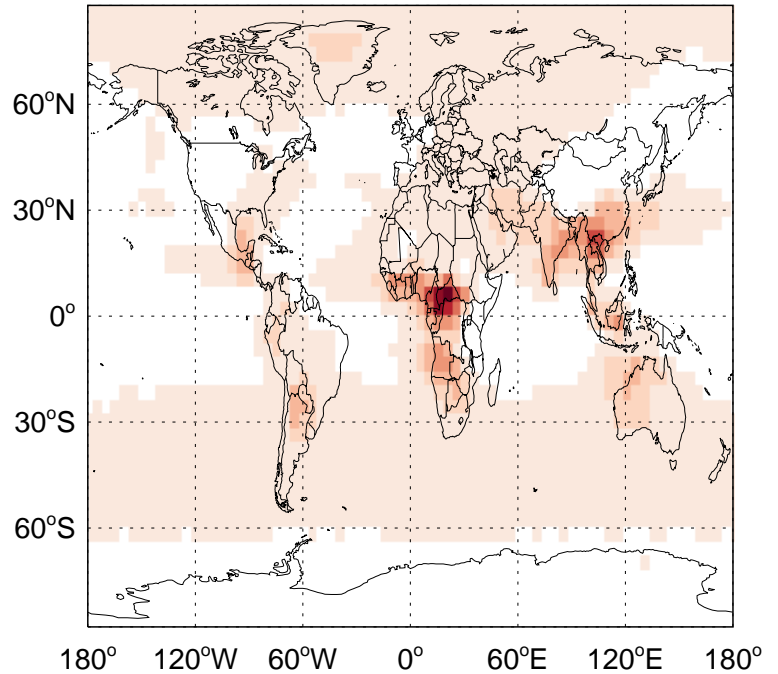
v11-02d - v11-02a

JBrO - J-Value Diff @ surface for Apr



v11-02d - v11-02a

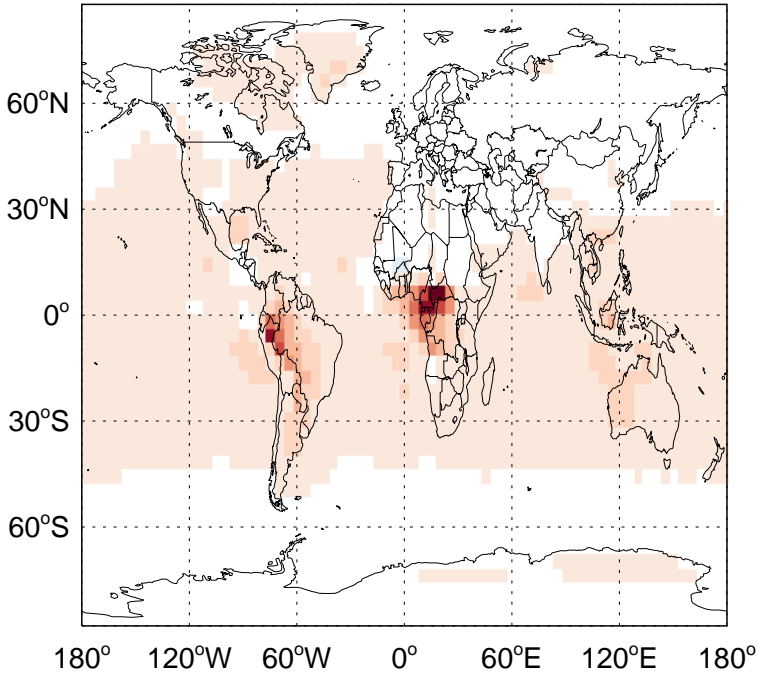
JBrO - J-Value Diff @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

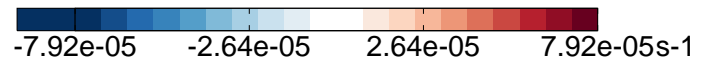
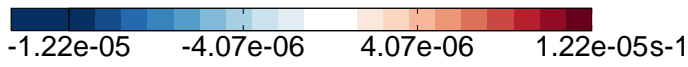
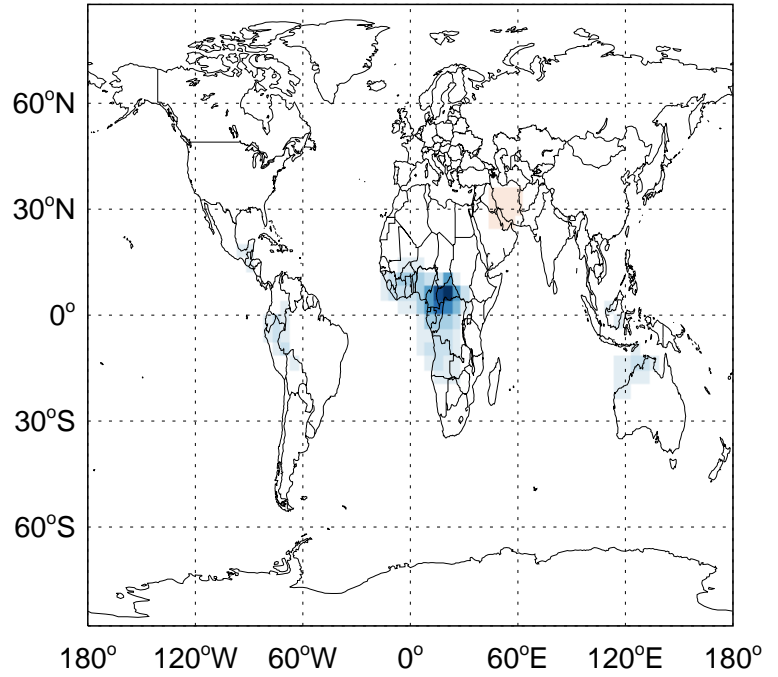
v11-02d - v11-02c

JHOBr - J-Value Diff @ surface for Apr



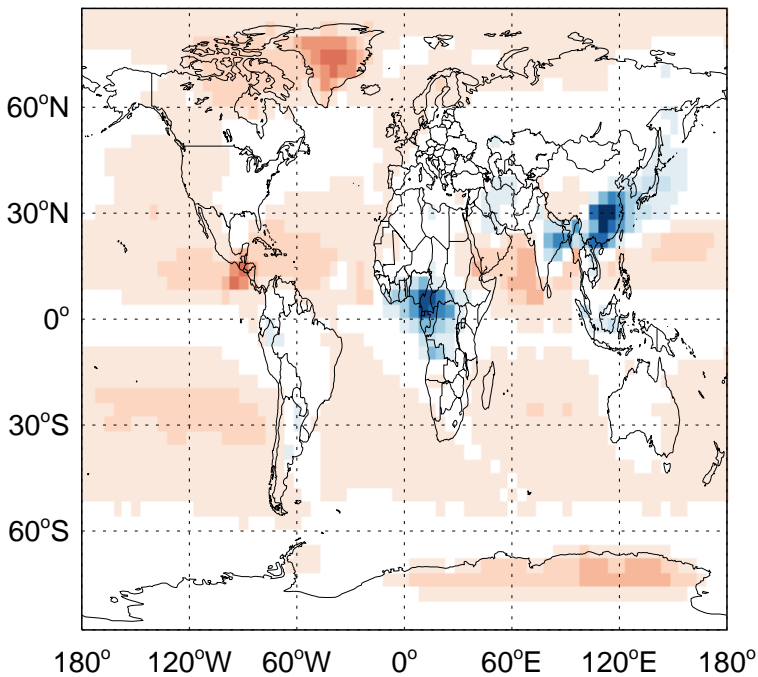
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JHOBr - J-Value Diff @ 500 hPa for Apr



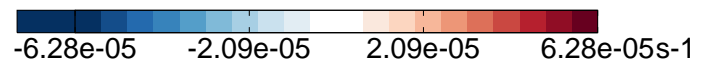
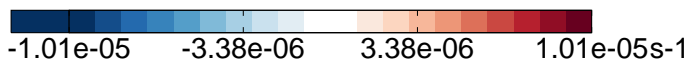
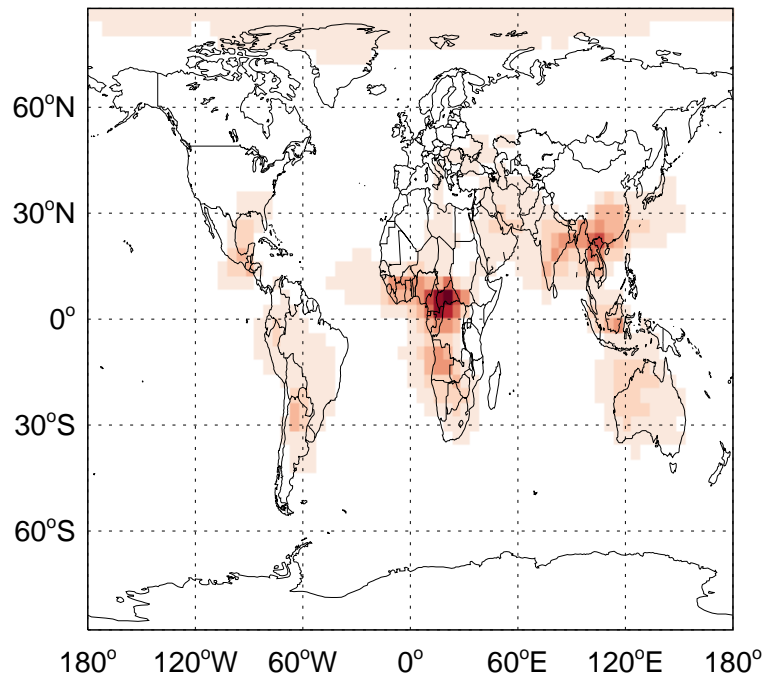
v11-02d - v11-02a

JHOBr - J-Value Diff @ surface for Apr



v11-02d - v11-02a

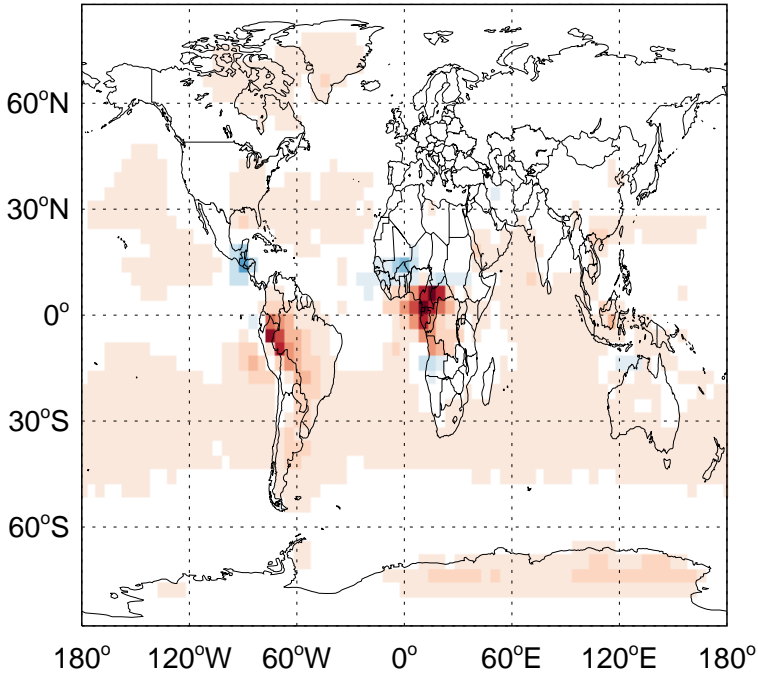
JHOBr - J-Value Diff @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

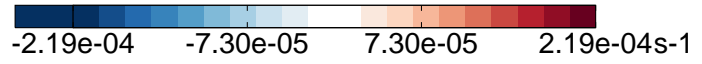
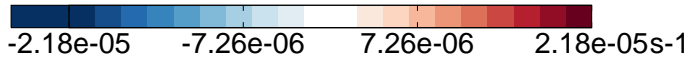
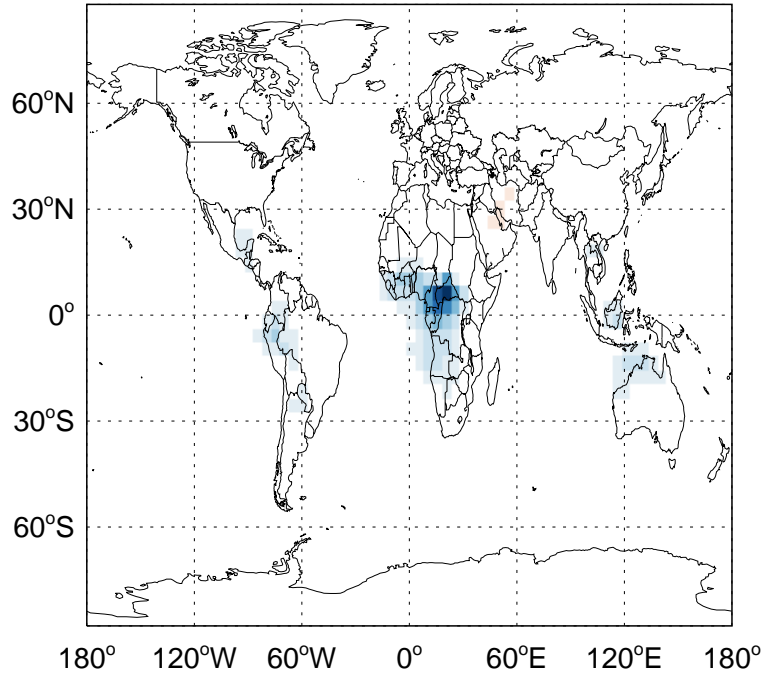
v11-02d - v11-02c

JBrNO2 - J-Value Diff @ surface for Apr



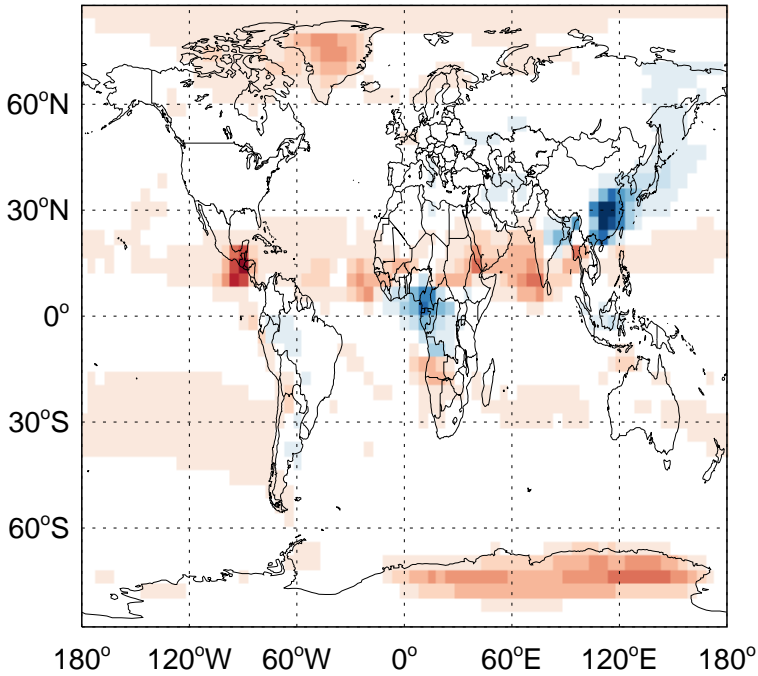
v11-02d - v11-02c

JBrNO2 - J-Value Diff @ 500 hPa for Apr



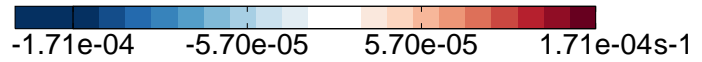
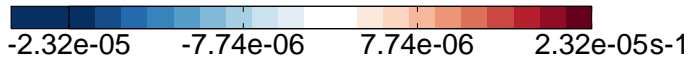
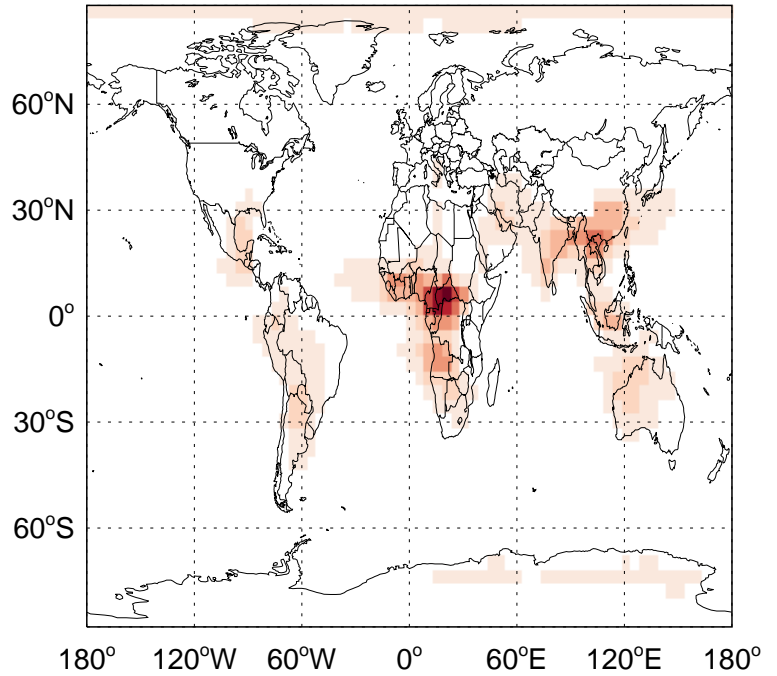
v11-02d - v11-02a

JBrNO2 - J-Value Diff @ surface for Apr



v11-02d - v11-02a

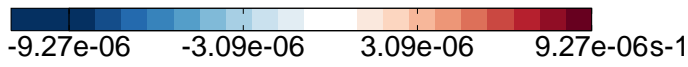
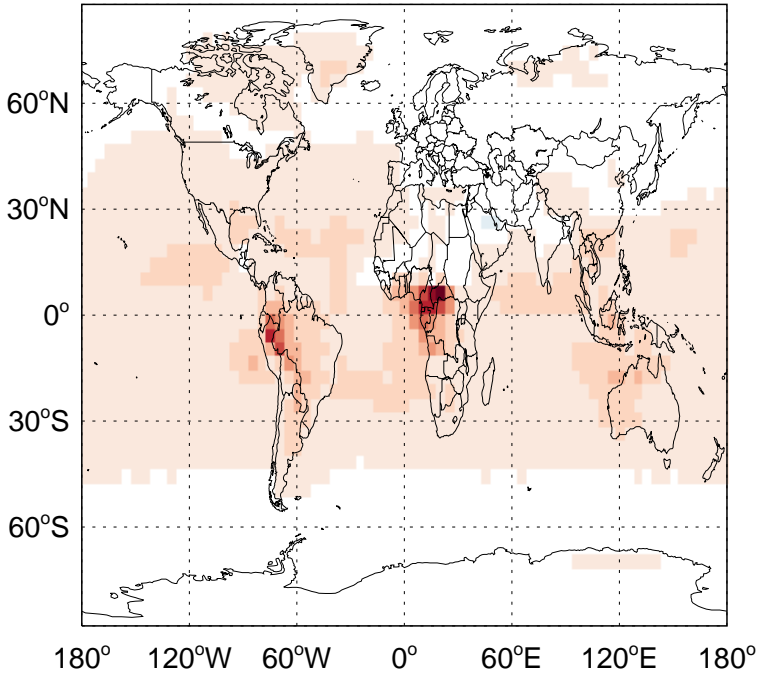
JBrNO2 - J-Value Diff @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

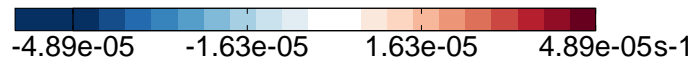
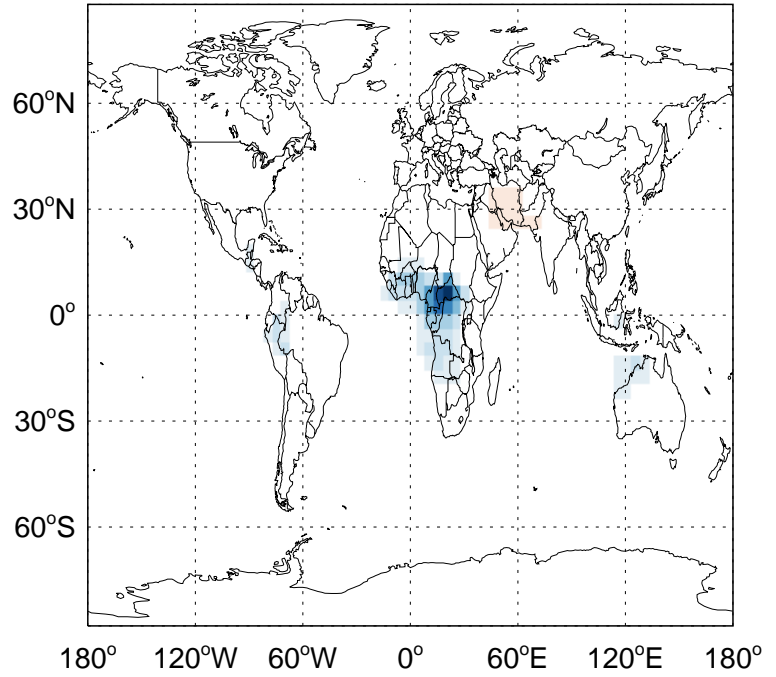
v11-02d - v11-02c

JBrNO3 - J-Value Diff @ surface for Apr



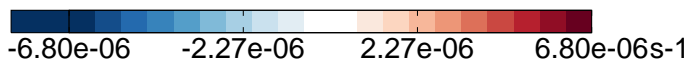
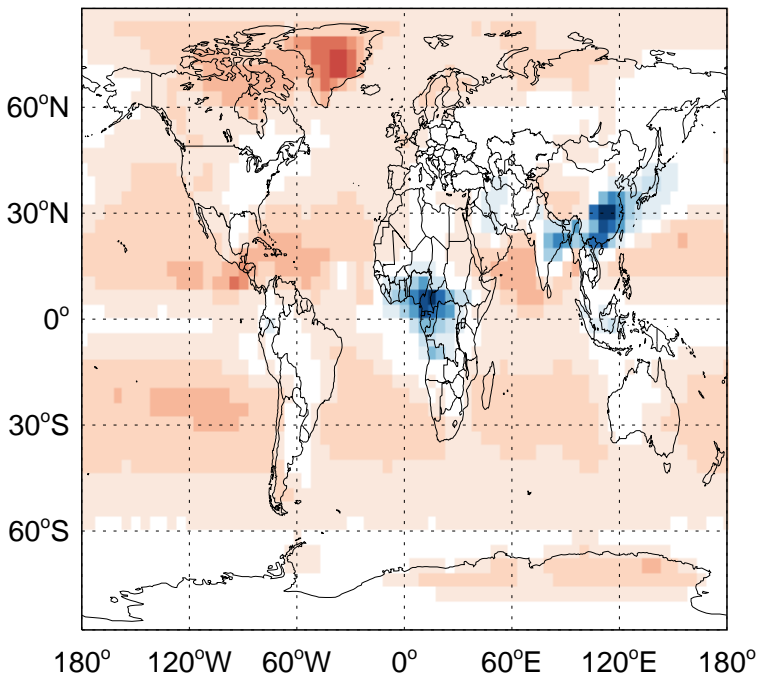
v11-02d - v11-02c

JBrNO3 - J-Value Diff @ 500 hPa for Apr



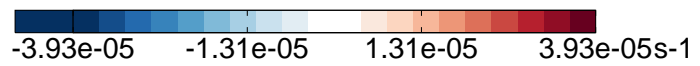
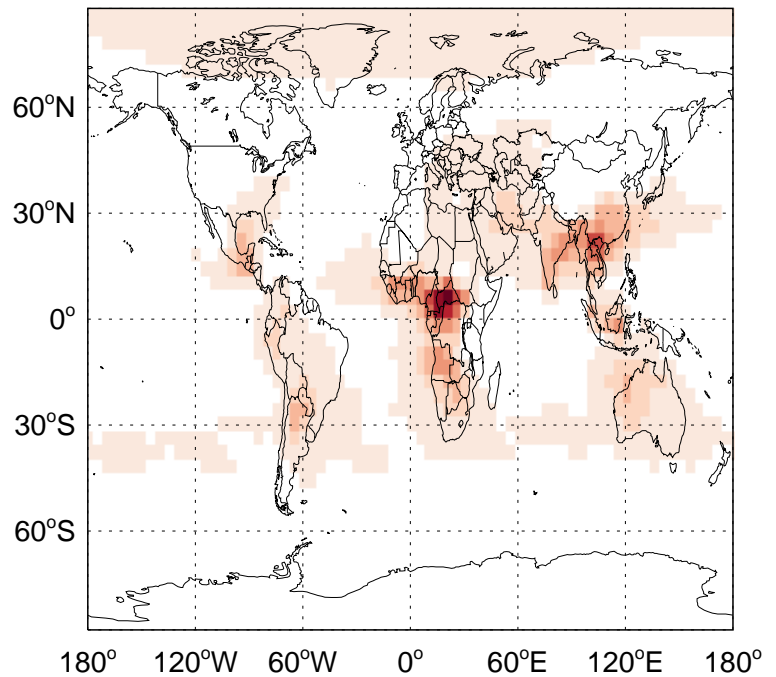
v11-02d - v11-02a

JBrNO3 - J-Value Diff @ surface for Apr



v11-02d - v11-02a

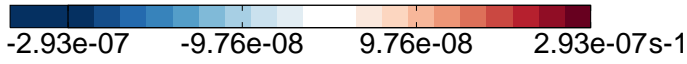
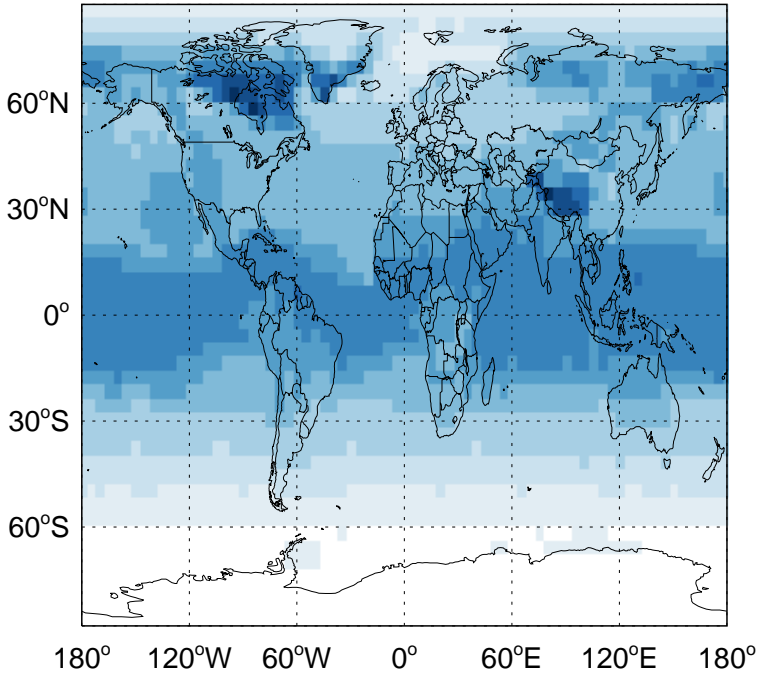
JBrNO3 - J-Value Diff @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

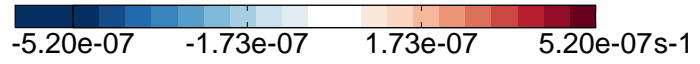
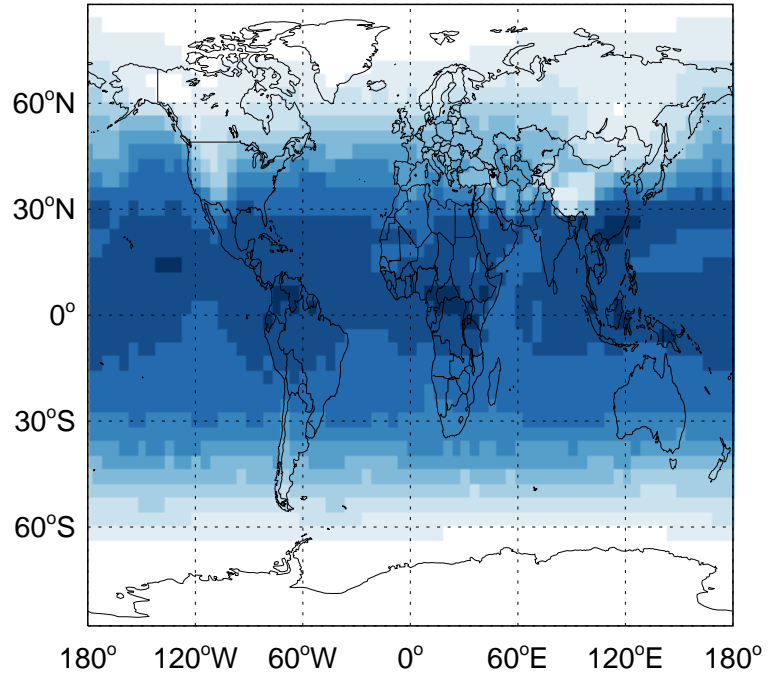
v11-02d - v11-02c

JCHBr3 - J-Value Diff @ surface for Apr



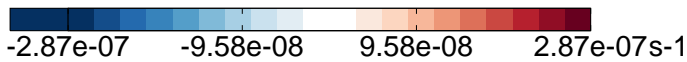
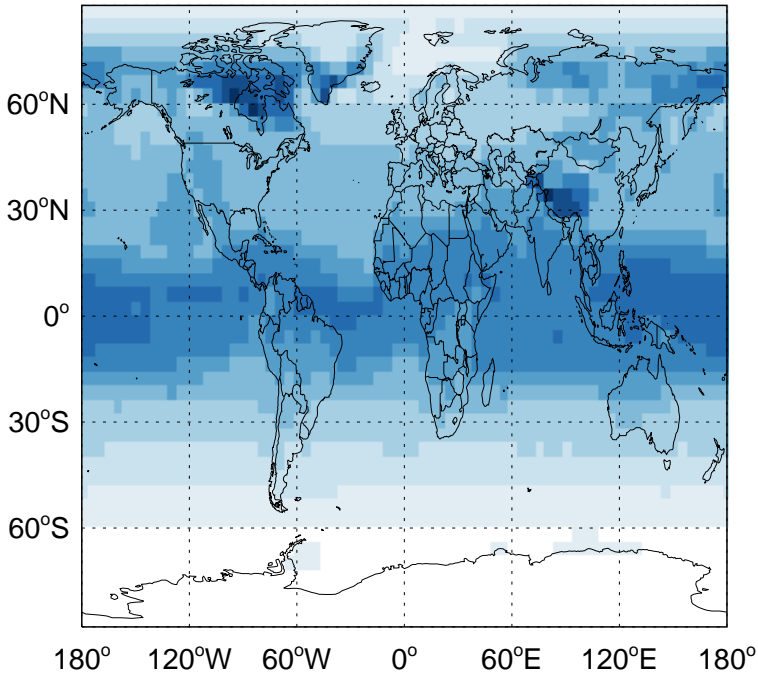
v11-02d - v11-02c

JCHBr3 - J-Value Diff @ 500 hPa for Apr



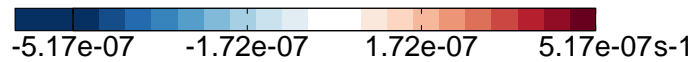
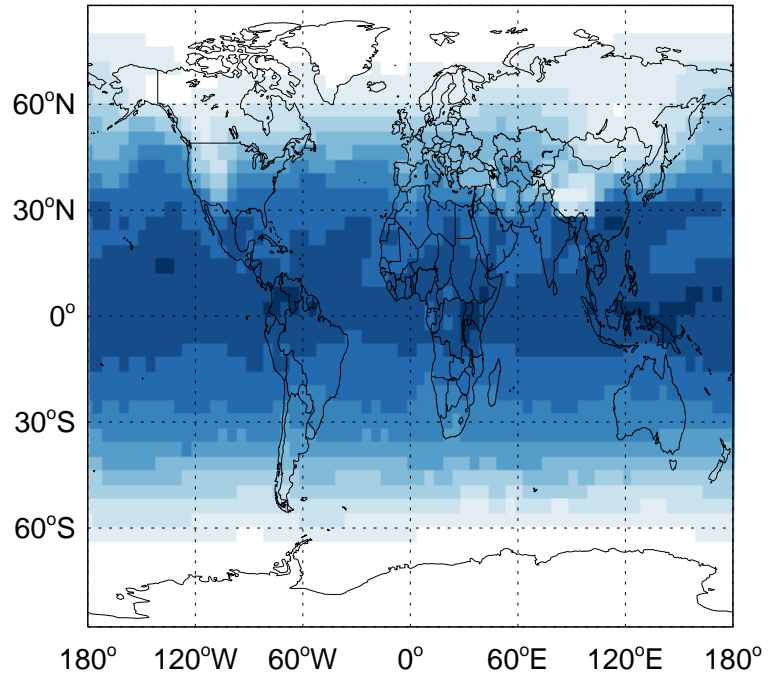
v11-02d - v11-02a

JCHBr3 - J-Value Diff @ surface for Apr



v11-02d - v11-02a

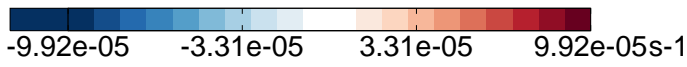
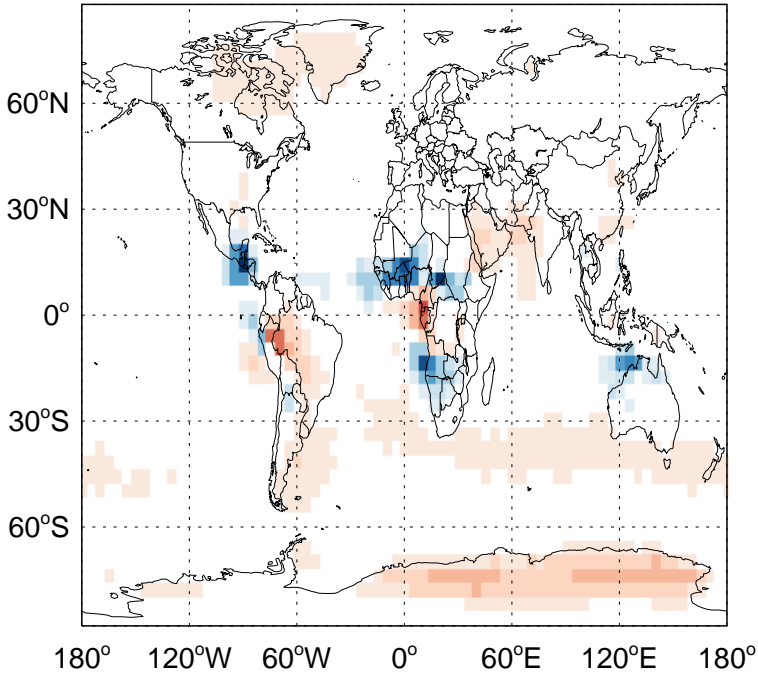
JCHBr3 - J-Value Diff @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

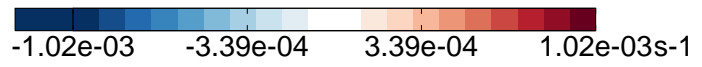
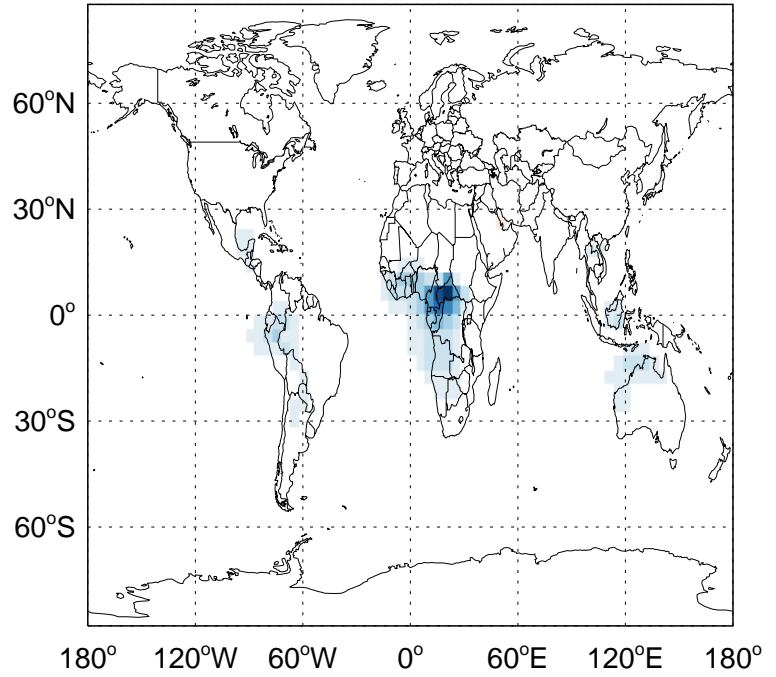
v11-02d - v11-02c

JBr2 - J-Value Diff @ surface for Apr



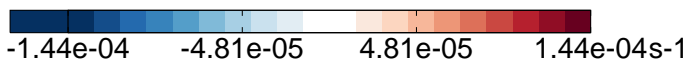
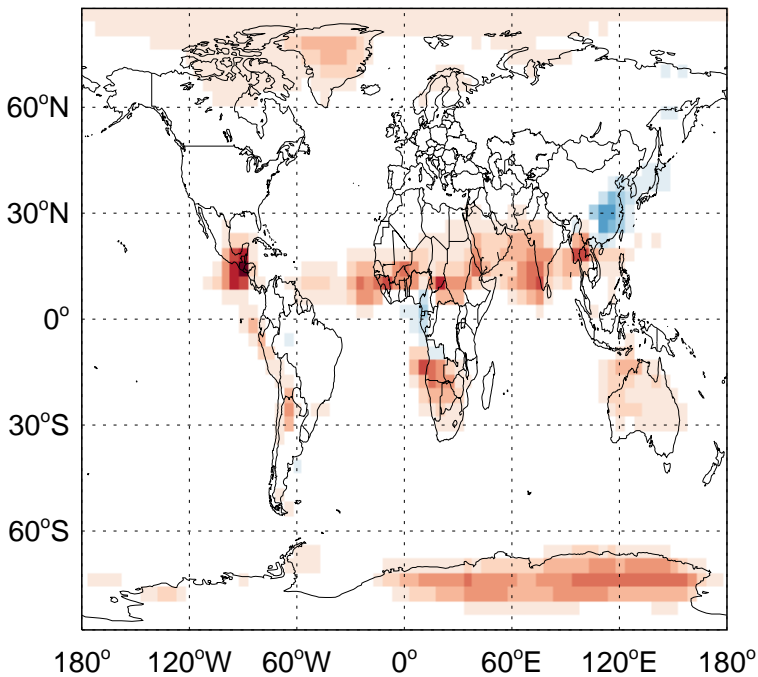
v11-02d - v11-02c

JBr2 - J-Value Diff @ 500 hPa for Apr



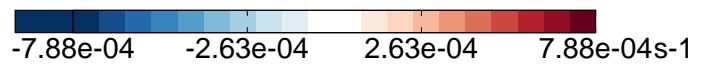
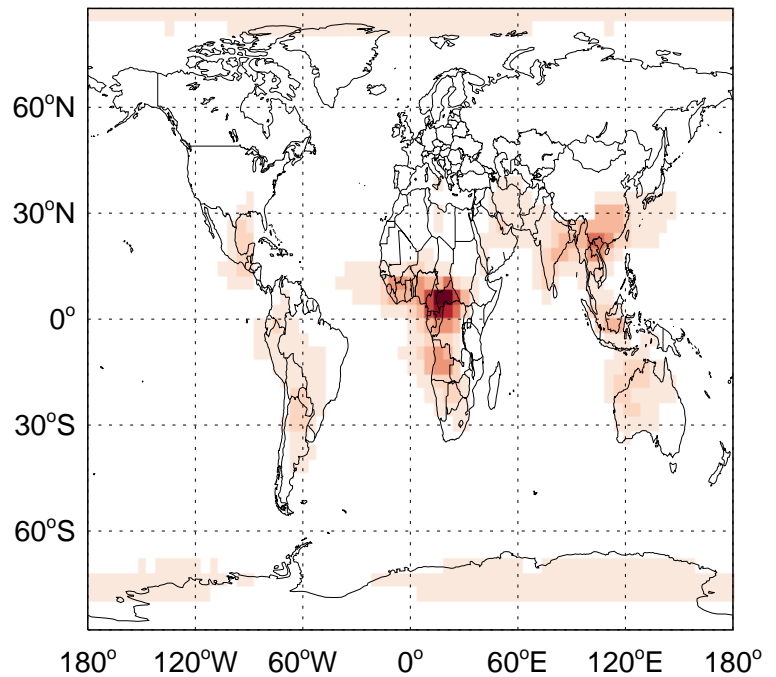
v11-02d - v11-02a

JBr2 - J-Value Diff @ surface for Apr



v11-02d - v11-02a

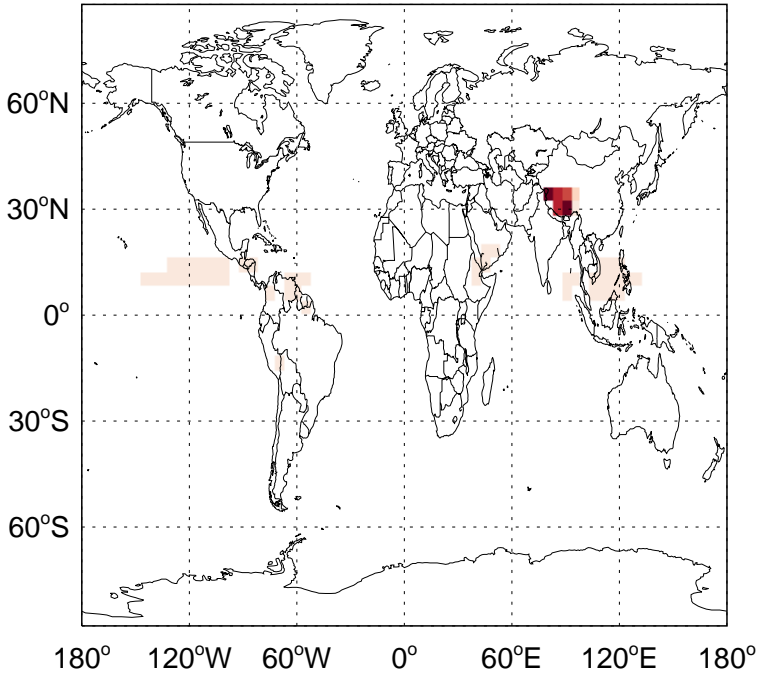
JBr2 - J-Value Diff @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

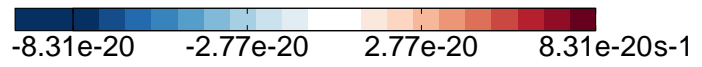
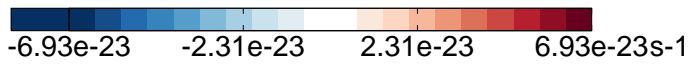
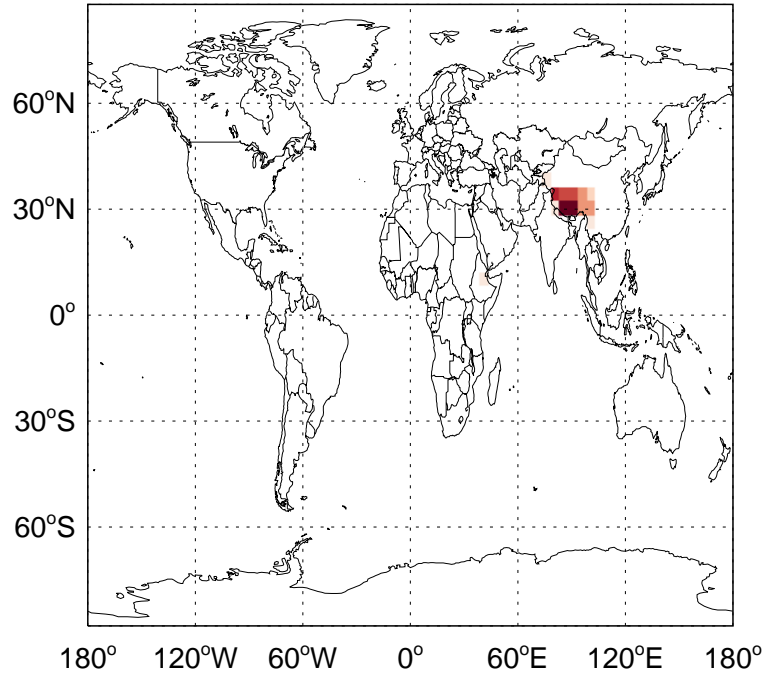
v11-02d - v11-02c

JO2 - J-Value Diff @ surface for Apr



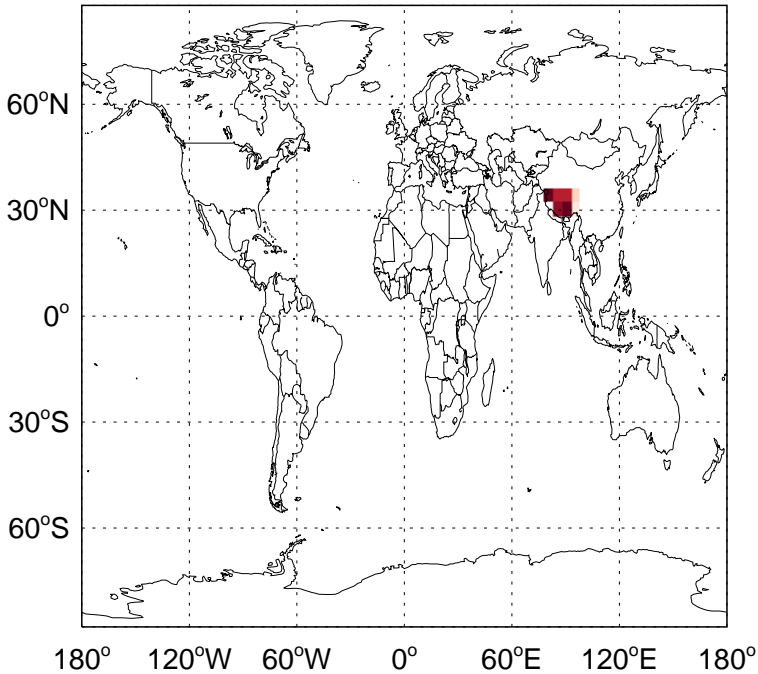
v11-02d - v11-02c

JO2 - J-Value Diff @ 500 hPa for Apr



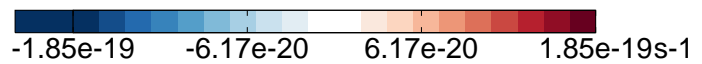
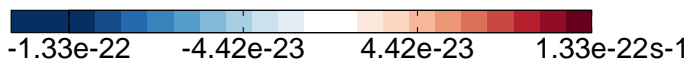
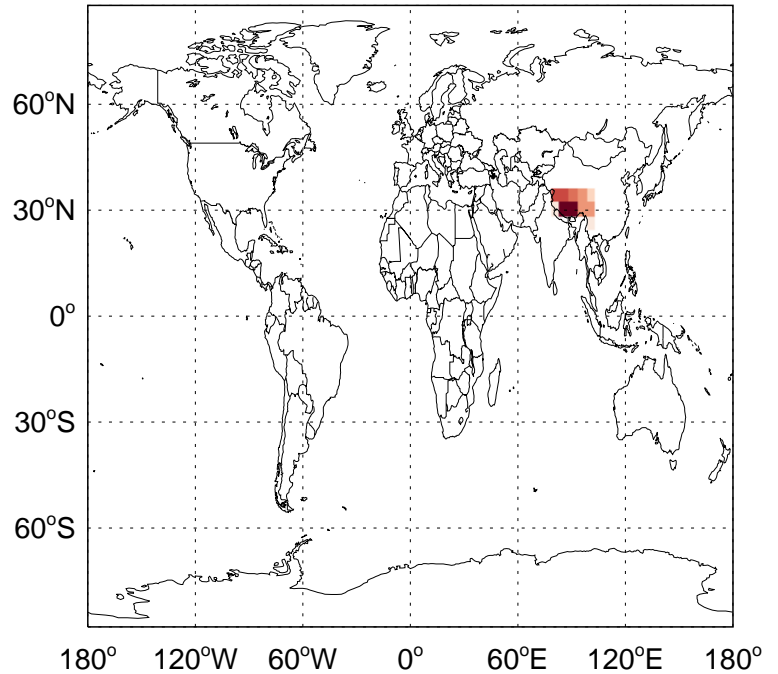
v11-02d - v11-02a

JO2 - J-Value Diff @ surface for Apr



v11-02d - v11-02a

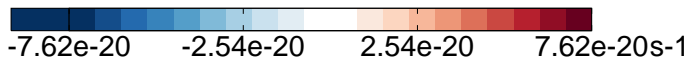
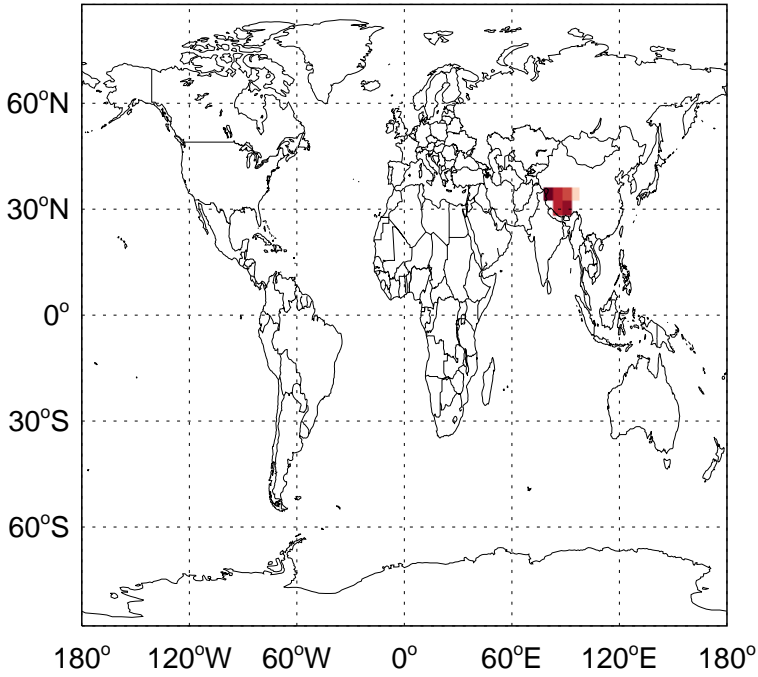
JO2 - J-Value Diff @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

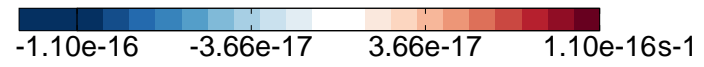
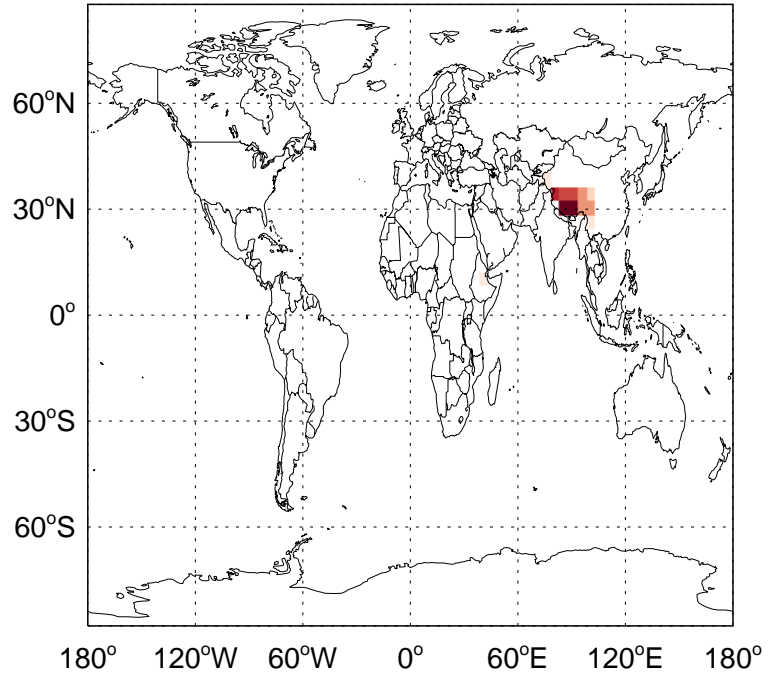
v11-02d - v11-02c

JN2O - J-Value Diff @ surface for Apr



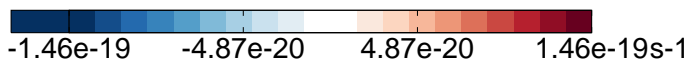
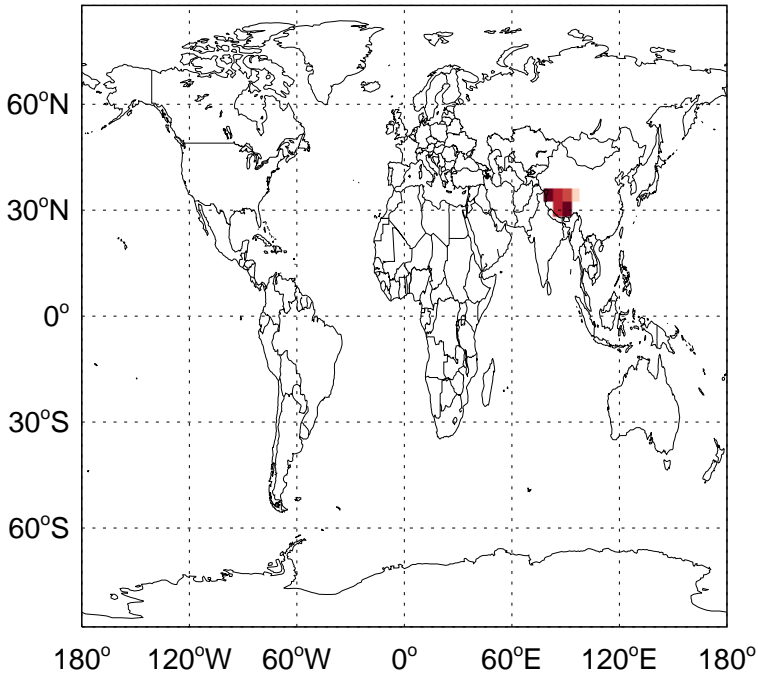
v11-02d - v11-02c

JN2O - J-Value Diff @ 500 hPa for Apr



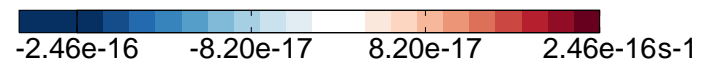
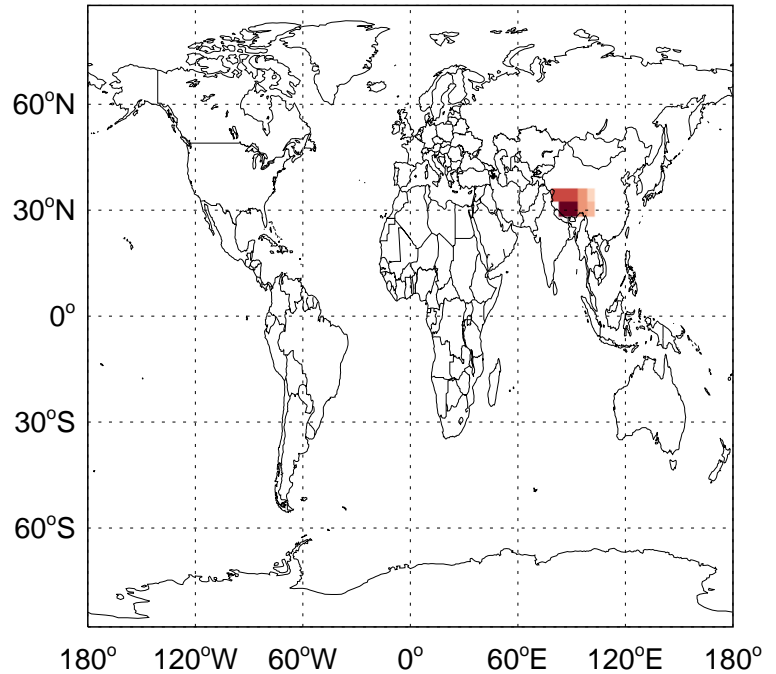
v11-02d - v11-02a

JN2O - J-Value Diff @ surface for Apr



v11-02d - v11-02a

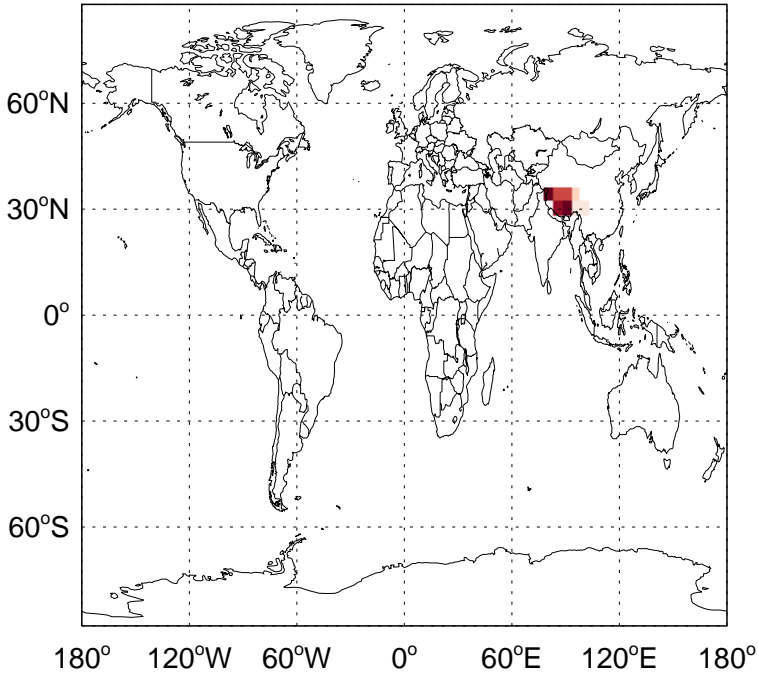
JN2O - J-Value Diff @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

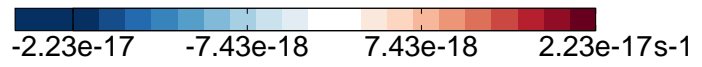
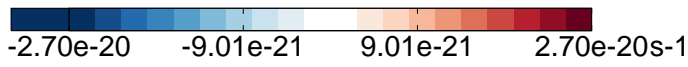
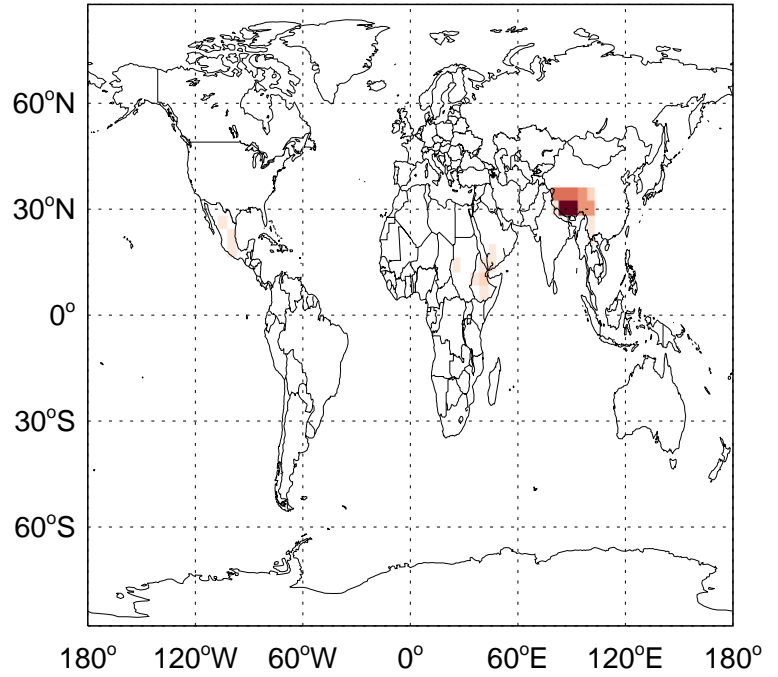
v11-02d - v11-02c

JNO - J-Value Diff @ surface for Apr



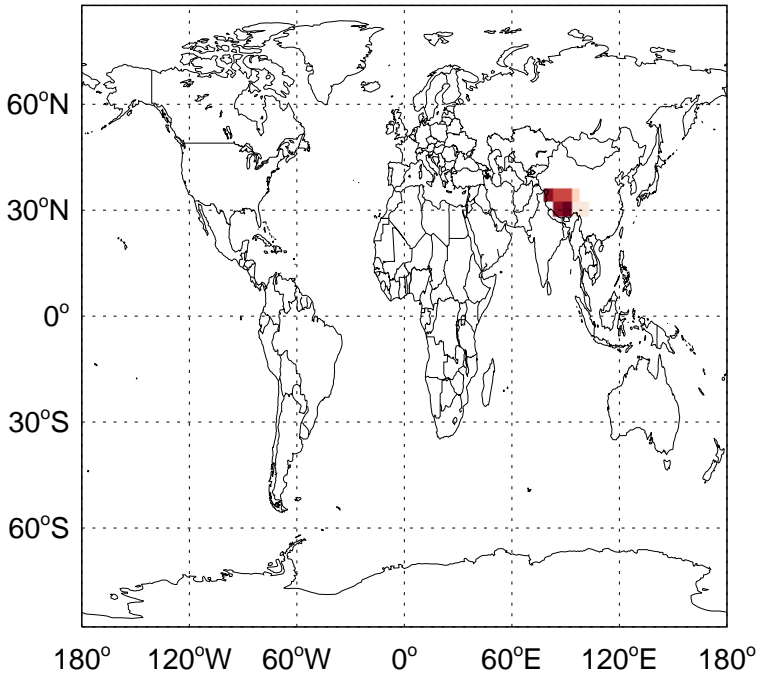
v11-02d - v11-02c

JNO - J-Value Diff @ 500 hPa for Apr



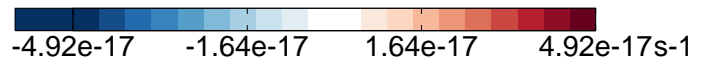
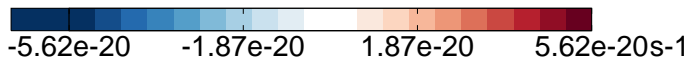
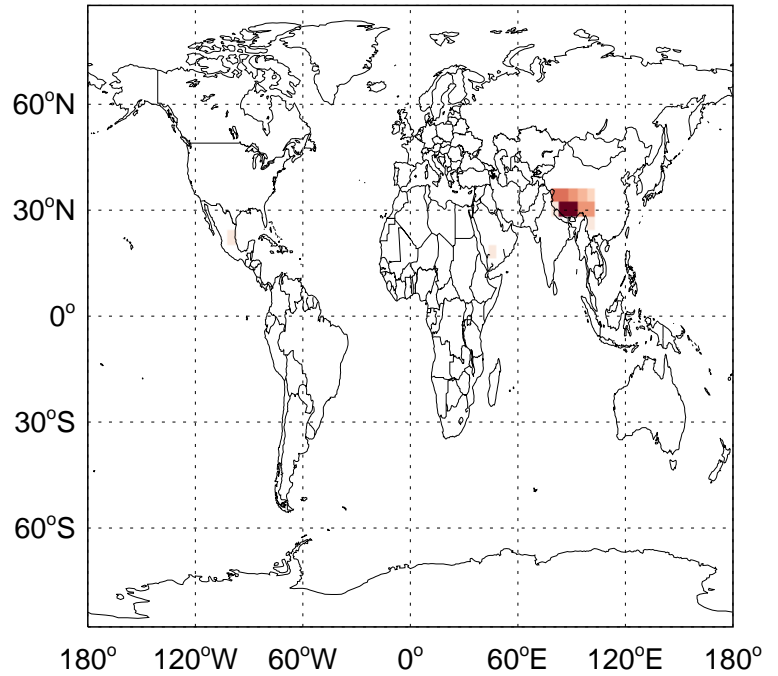
v11-02d - v11-02a

JNO - J-Value Diff @ surface for Apr



v11-02d - v11-02a

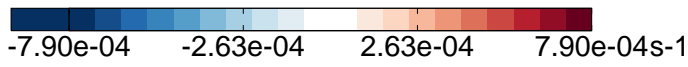
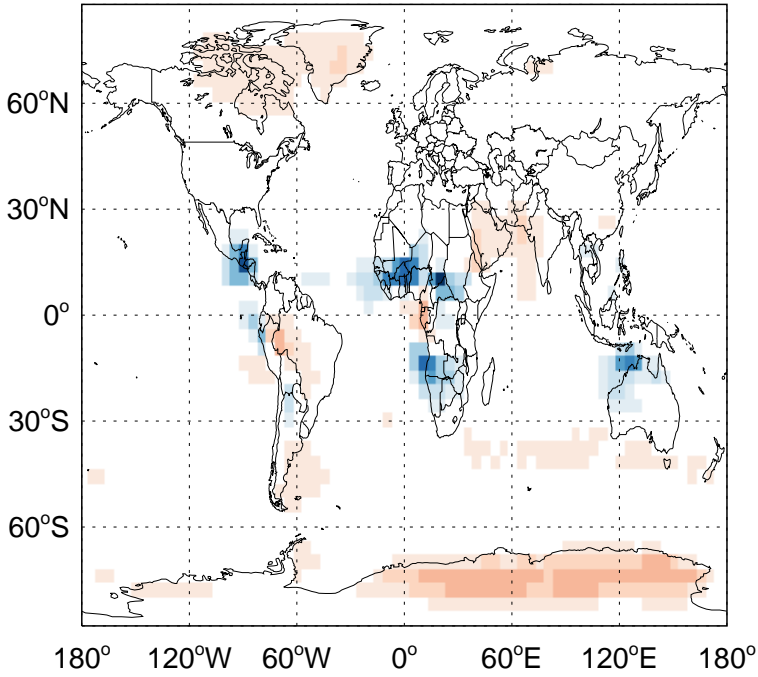
JNO - J-Value Diff @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

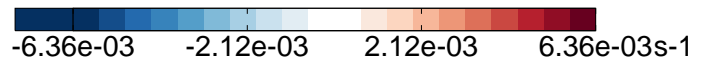
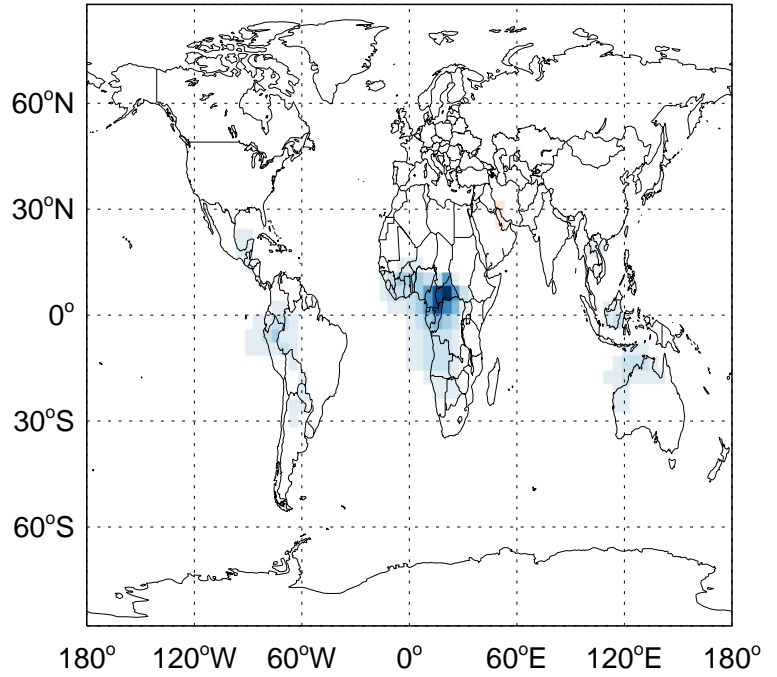
v11-02d - v11-02c

JNO3 - J-Value Diff @ surface for Apr



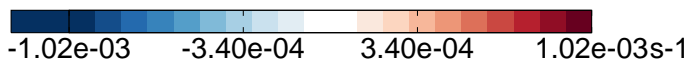
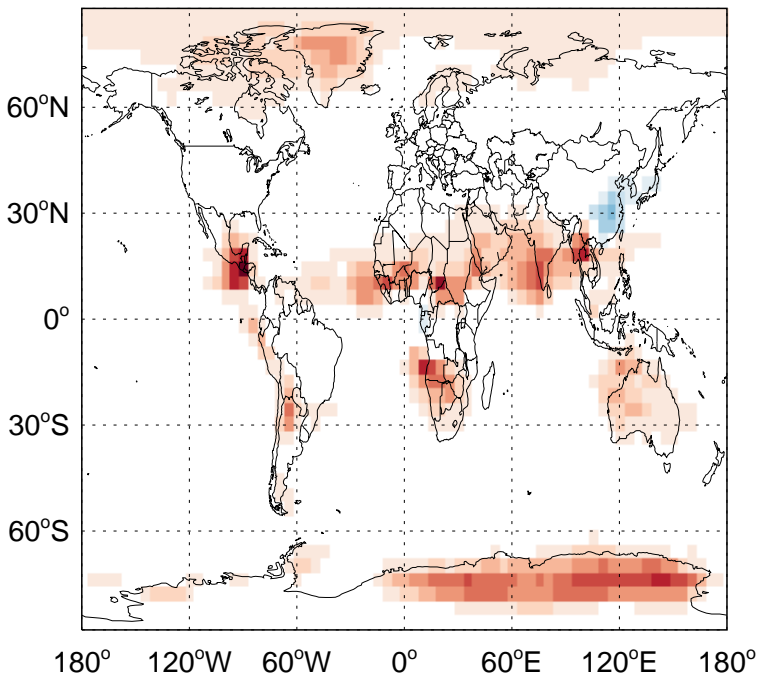
v11-02d - v11-02c

JNO3 - J-Value Diff @ 500 hPa for Apr



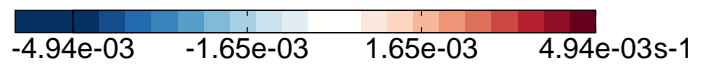
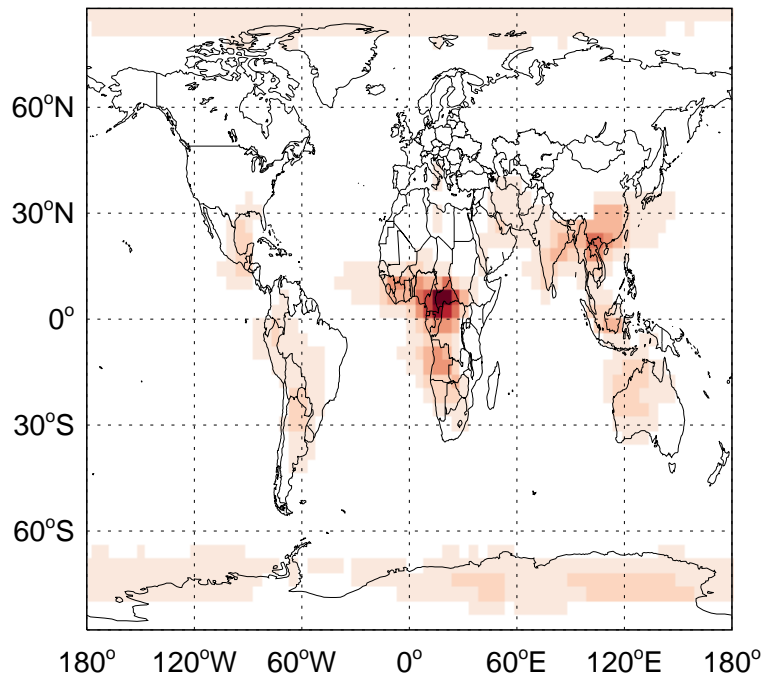
v11-02d - v11-02a

JNO3 - J-Value Diff @ surface for Apr



v11-02d - v11-02a

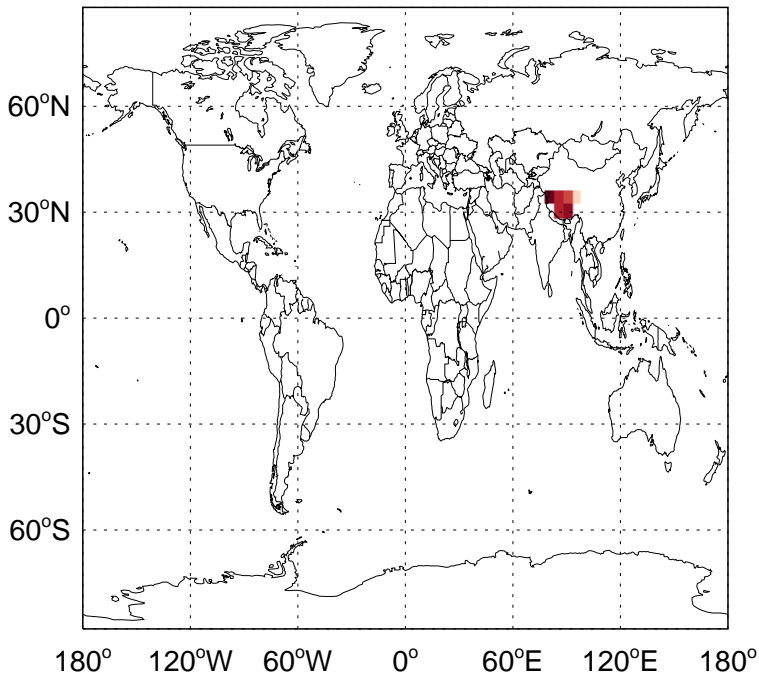
JNO3 - J-Value Diff @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

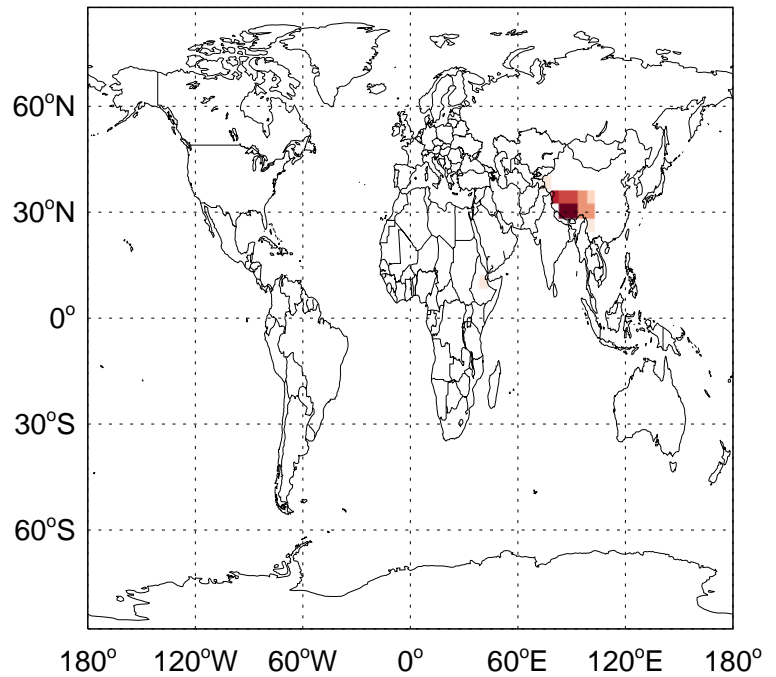
v11-02d - v11-02c

JCFC11 - J-Value Diff @ surface for Apr



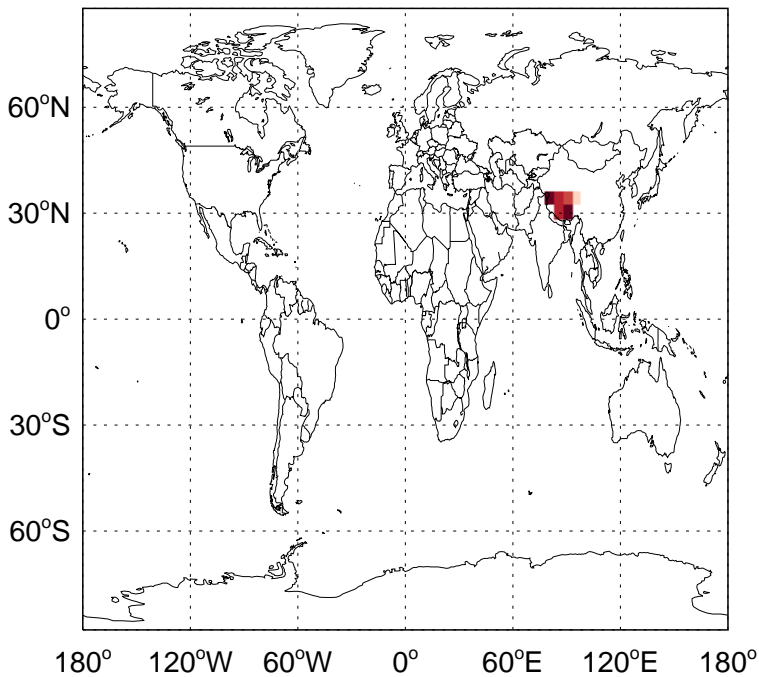
v11-02d - v11-02c

JCFC11 - J-Value Diff @ 500 hPa for Apr



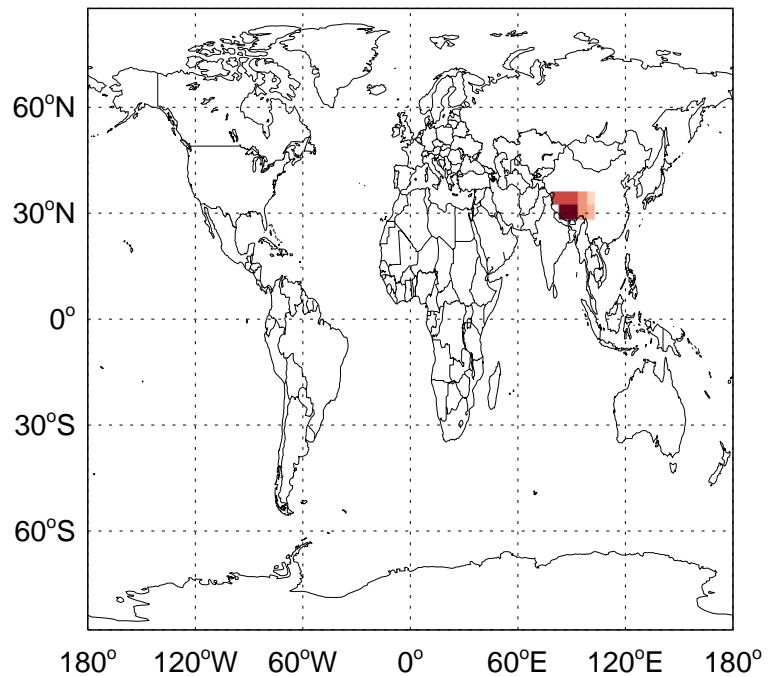
v11-02d - v11-02a

JCFC11 - J-Value Diff @ surface for Apr



v11-02d - v11-02a

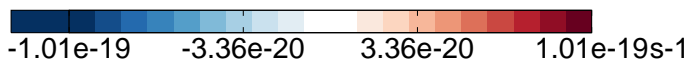
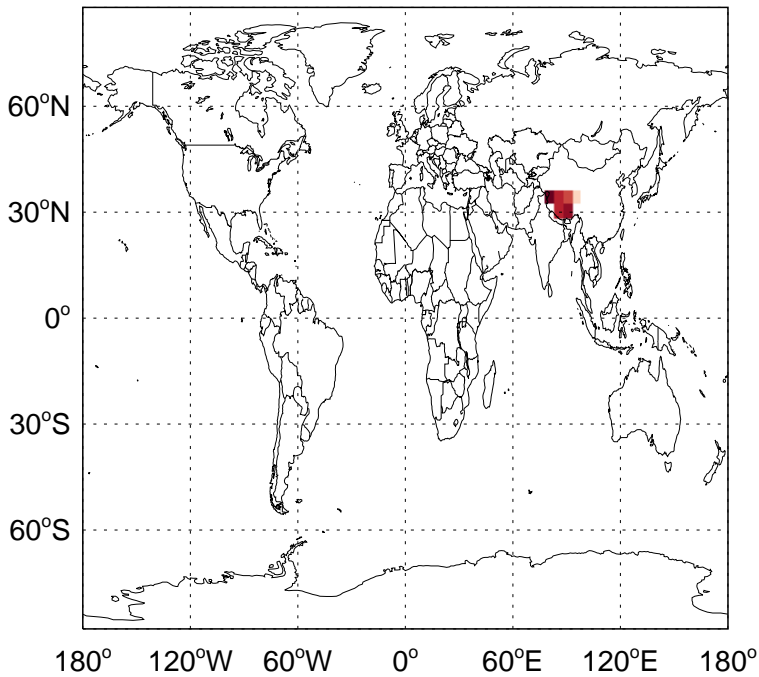
JCFC11 - J-Value Diff @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

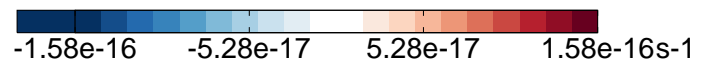
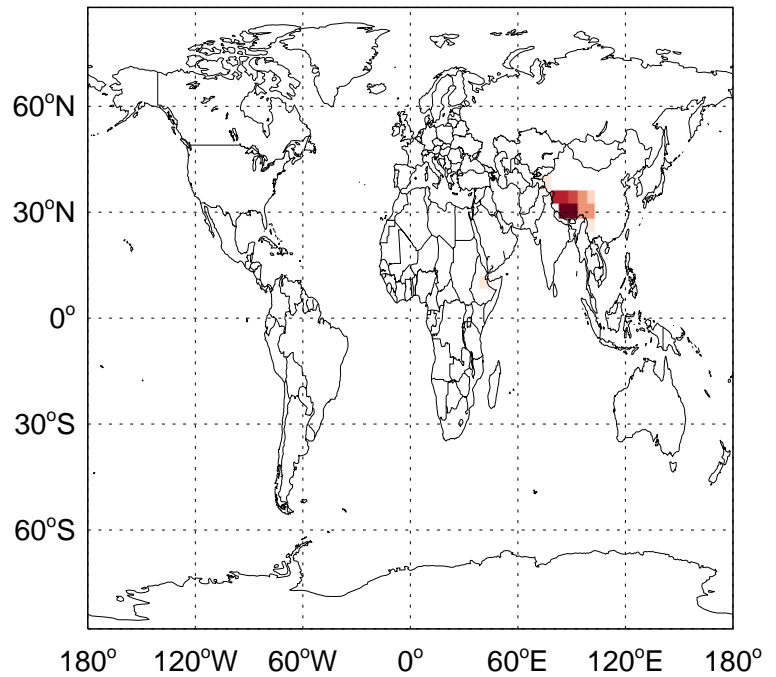
v11-02d - v11-02c

JCFC12 - J-Value Diff @ surface for Apr



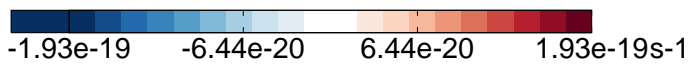
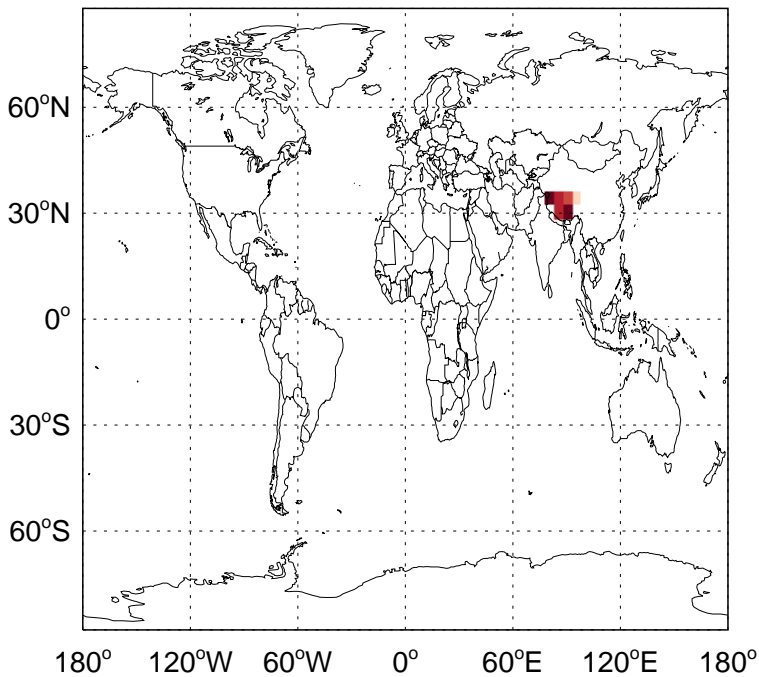
v11-02d - v11-02c

JCFC12 - J-Value Diff @ 500 hPa for Apr



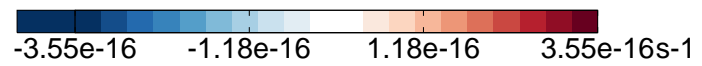
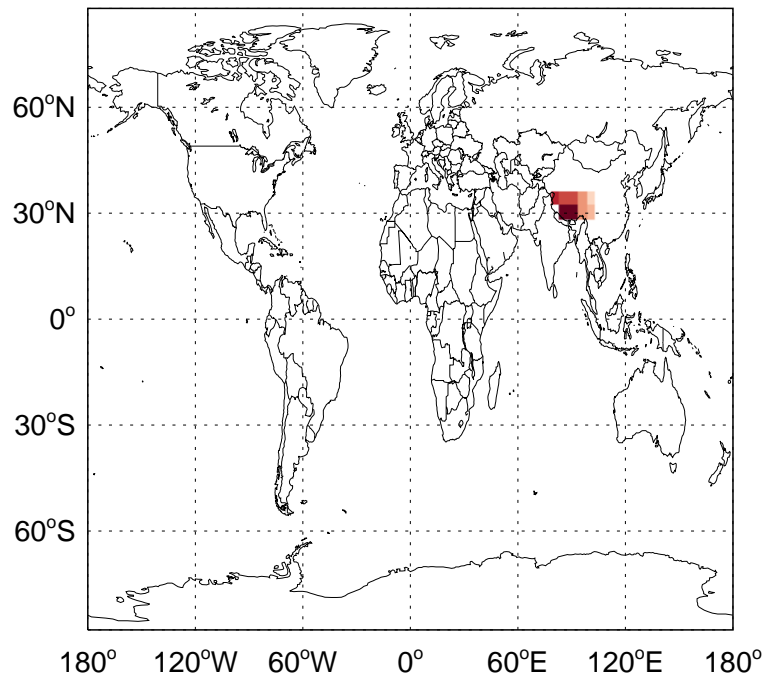
v11-02d - v11-02a

JCFC12 - J-Value Diff @ surface for Apr



v11-02d - v11-02a

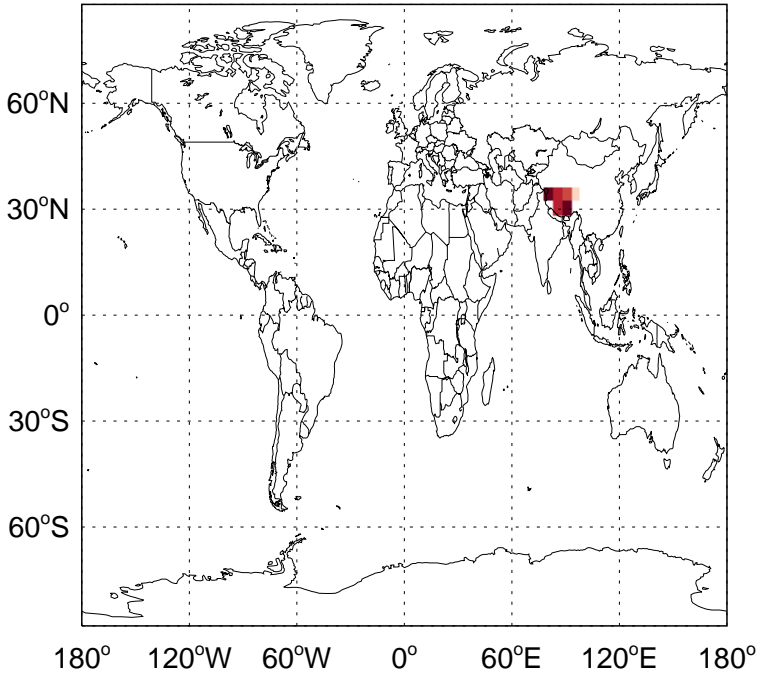
JCFC12 - J-Value Diff @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

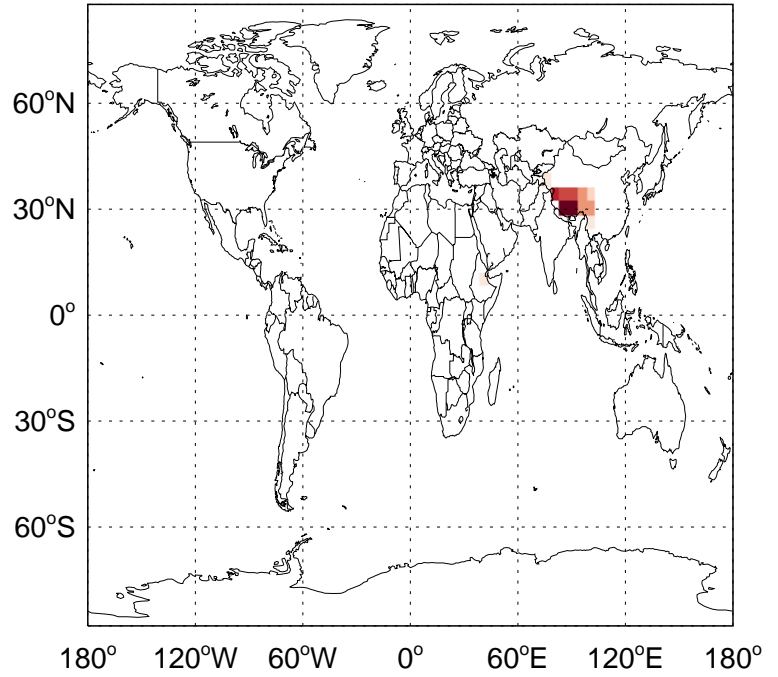
v11-02d - v11-02c

JCCI4 - J-Value Diff @ surface for Apr



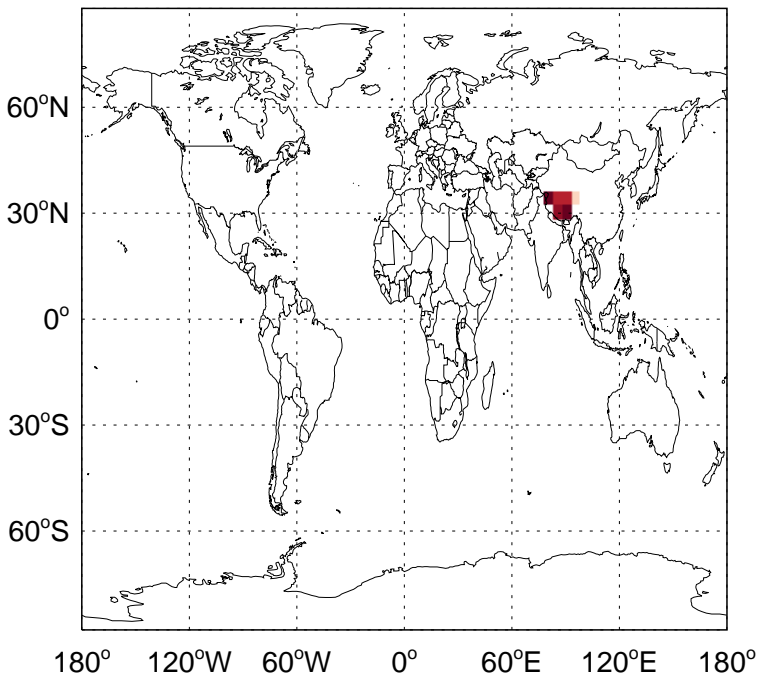
v11-02d - v11-02c

JCCI4 - J-Value Diff @ 500 hPa for Apr



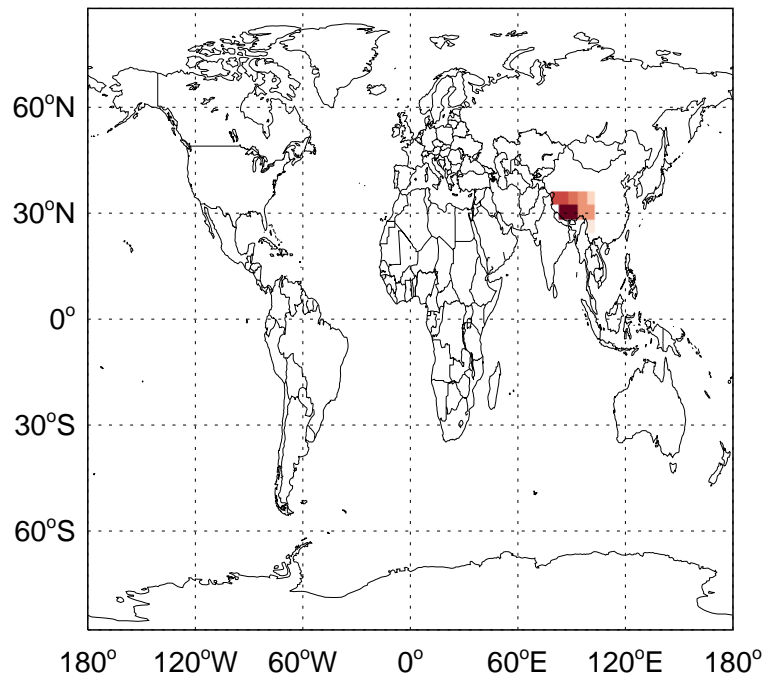
v11-02d - v11-02a

JCCI4 - J-Value Diff @ surface for Apr



v11-02d - v11-02a

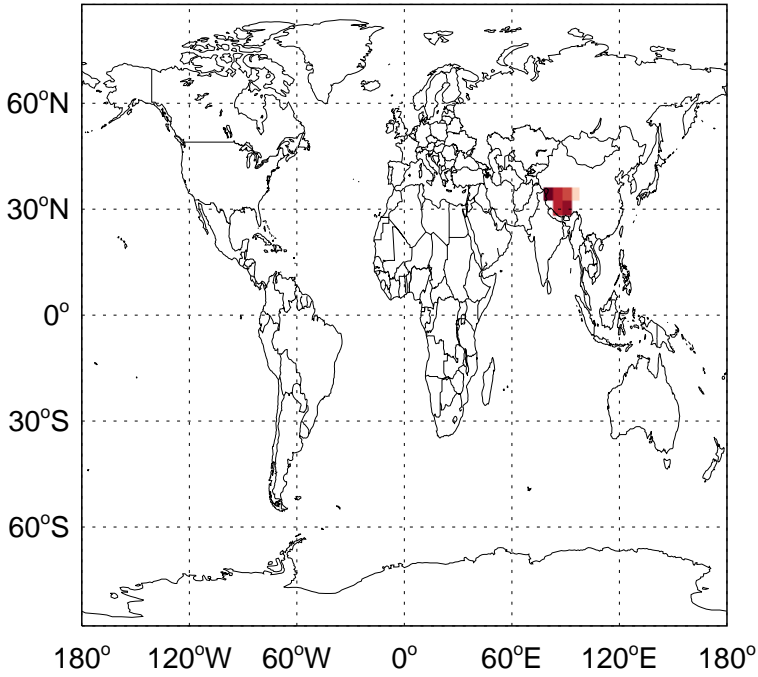
JCCI4 - J-Value Diff @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

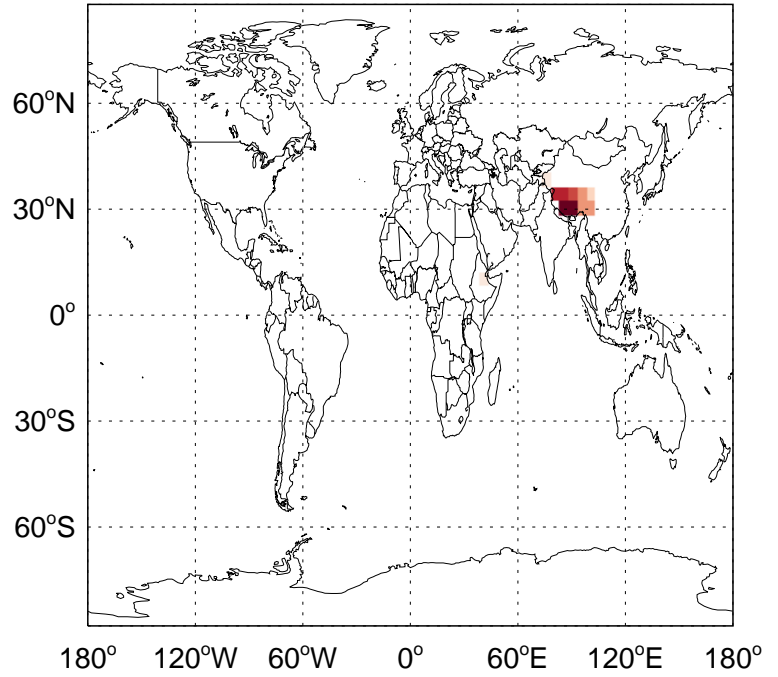
v11-02d - v11-02c

JCH3Cl - J-Value Diff @ surface for Apr



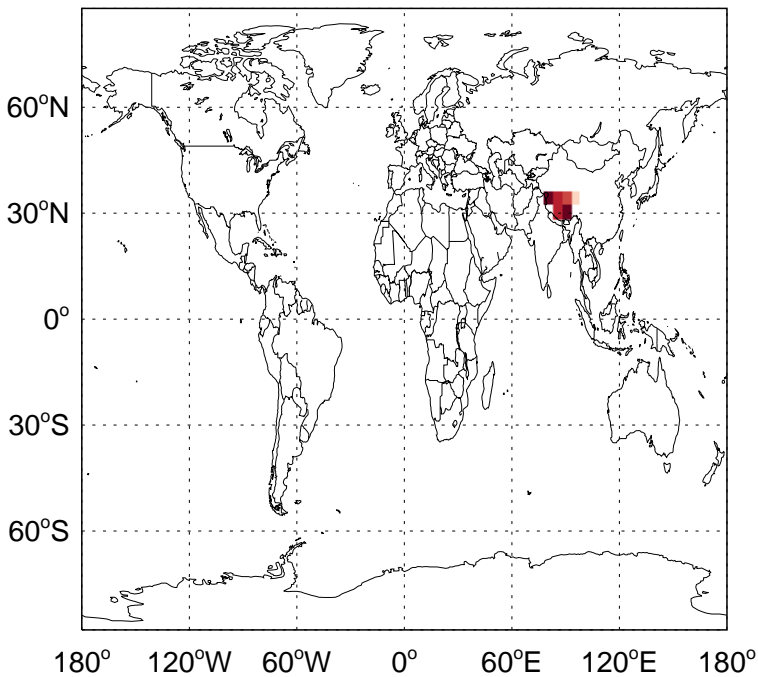
v11-02d - v11-02c

JCH3Cl - J-Value Diff @ 500 hPa for Apr



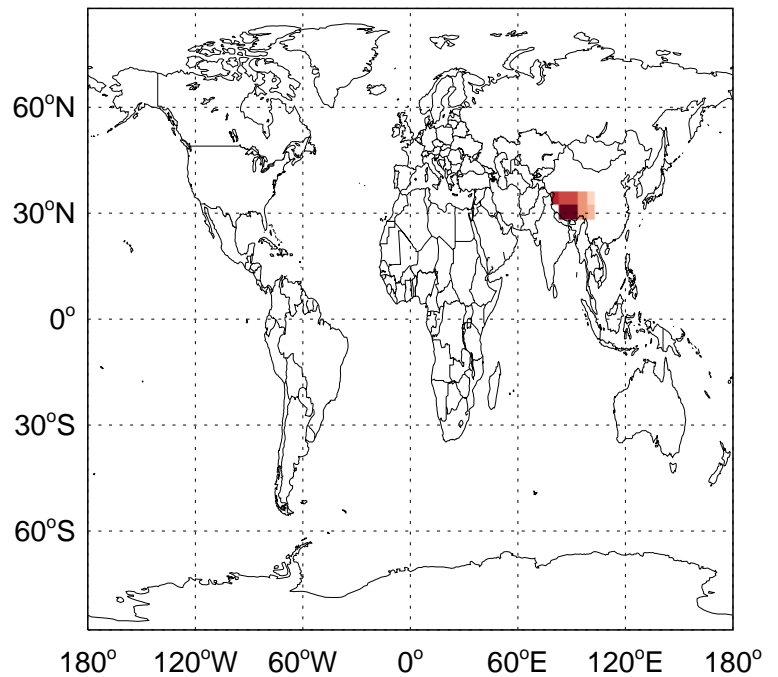
v11-02d - v11-02a

JCH3Cl - J-Value Diff @ surface for Apr



v11-02d - v11-02a

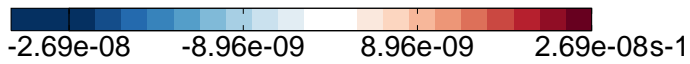
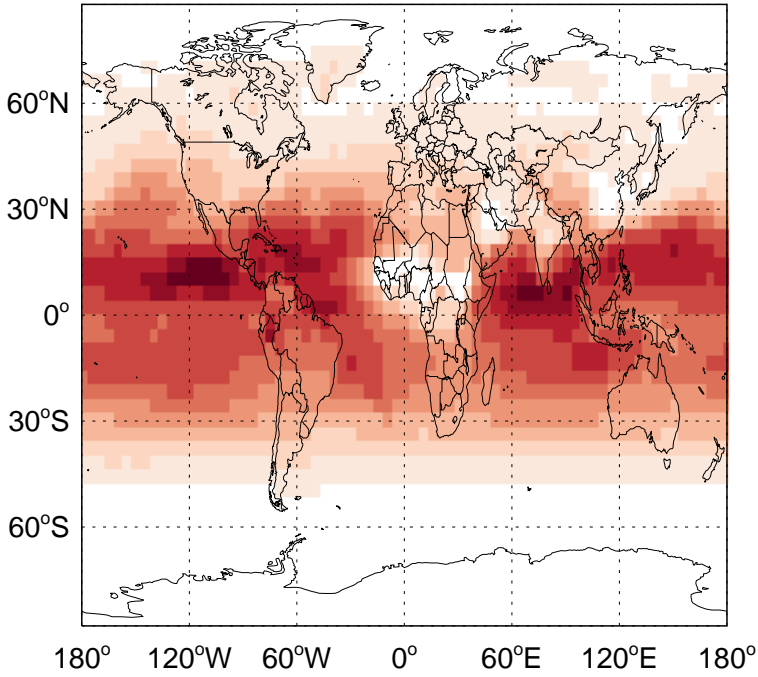
JCH3Cl - J-Value Diff @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

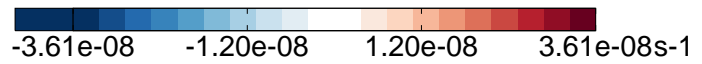
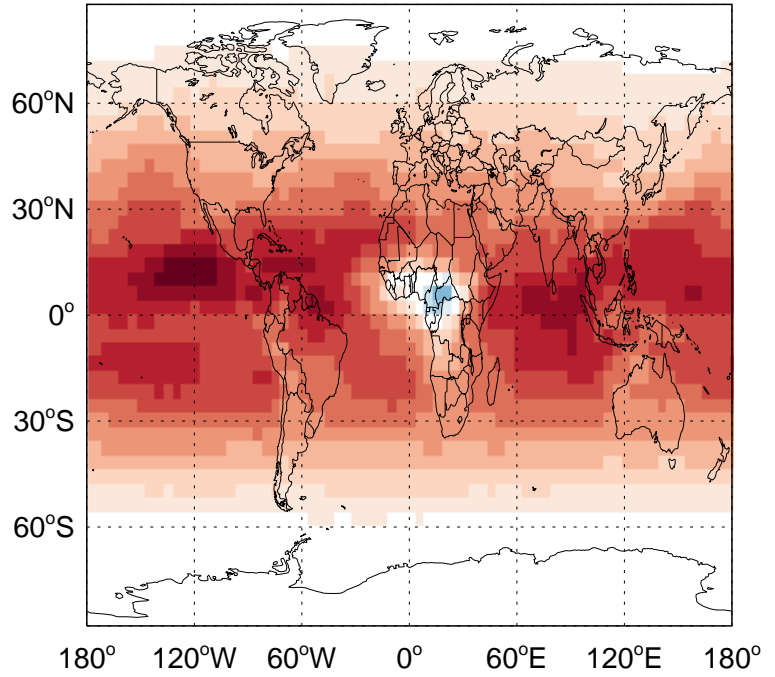
v11-02d - v11-02c

JACET - J-Value Diff @ surface for Apr



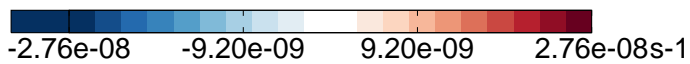
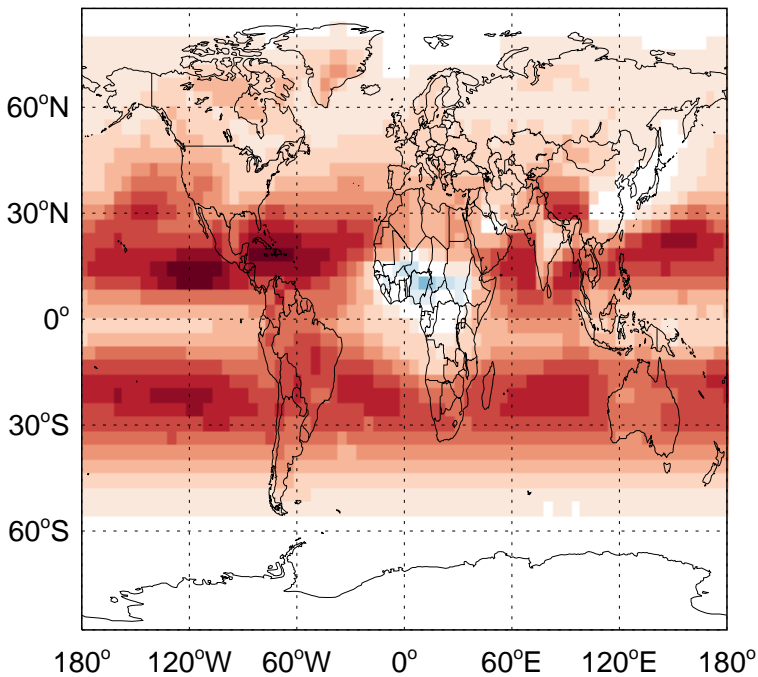
v11-02d - v11-02c

JACET - J-Value Diff @ 500 hPa for Apr



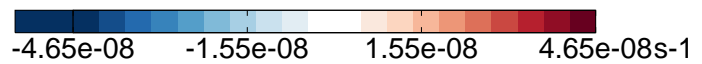
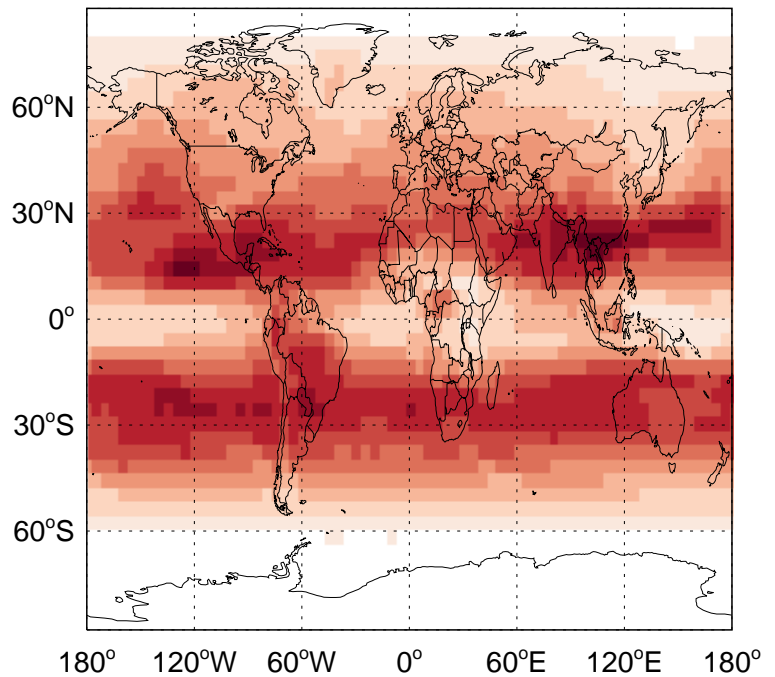
v11-02d - v11-02a

JACET - J-Value Diff @ surface for Apr



v11-02d - v11-02a

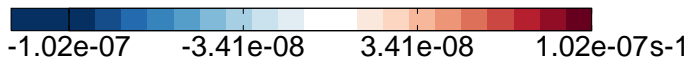
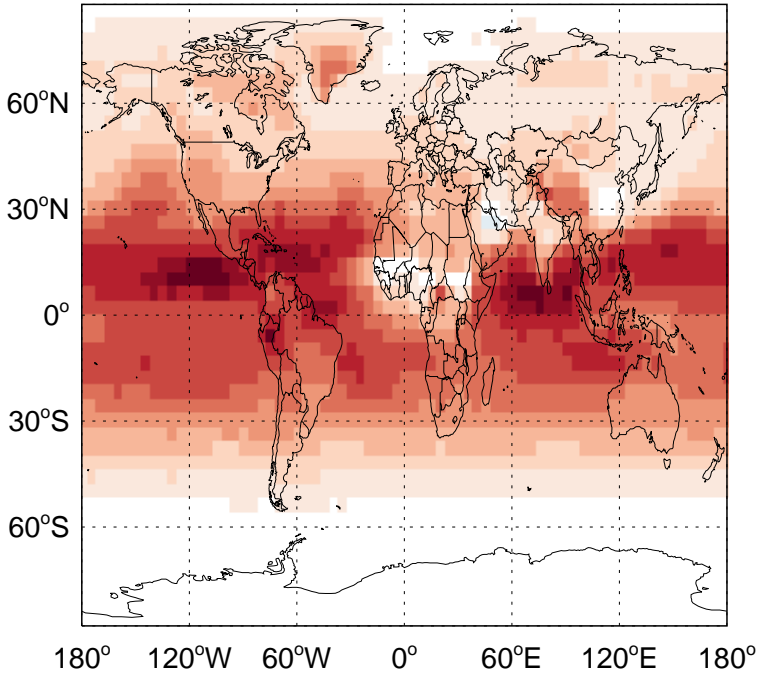
JACET - J-Value Diff @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

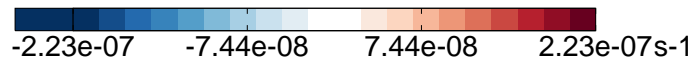
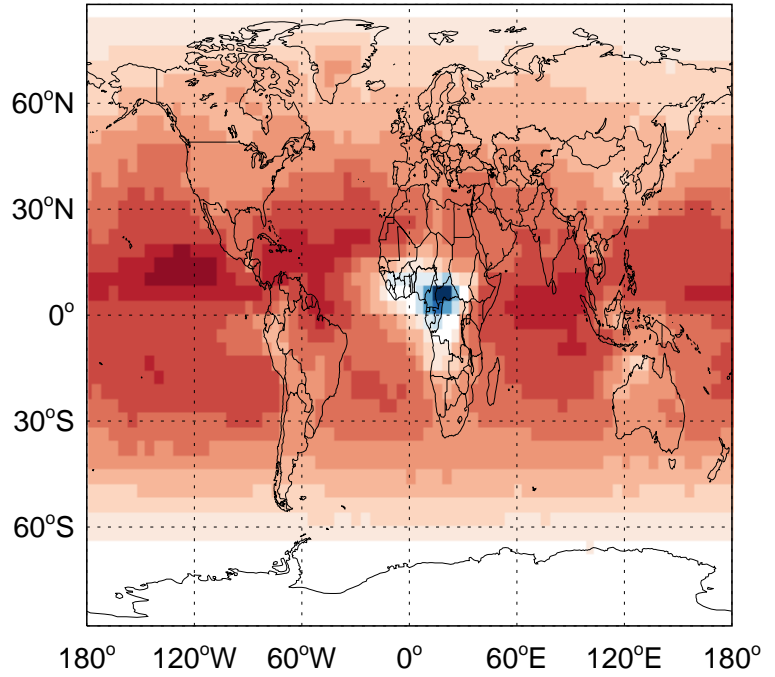
v11-02d - v11-02c

JALD2 - J-Value Diff @ surface for Apr



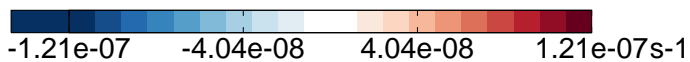
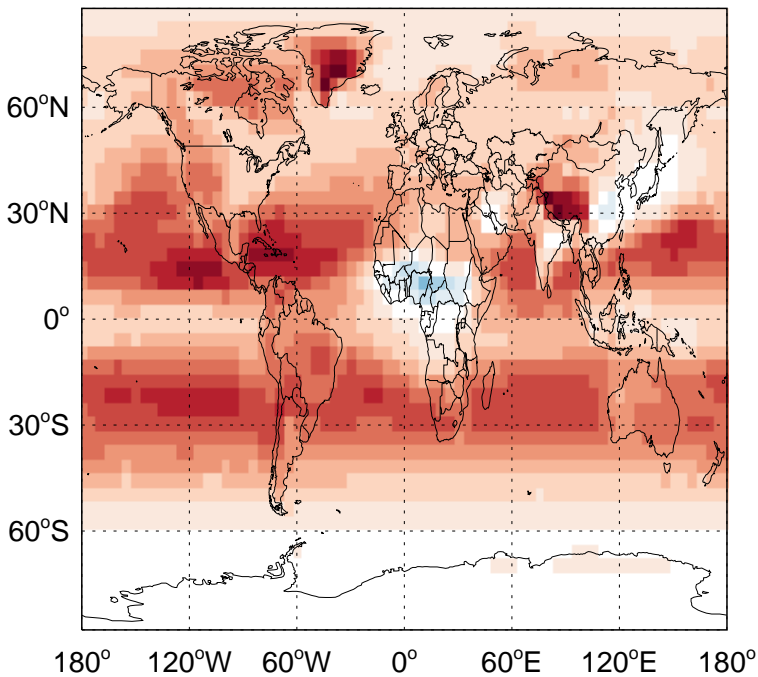
v11-02d - v11-02c

JALD2 - J-Value Diff @ 500 hPa for Apr



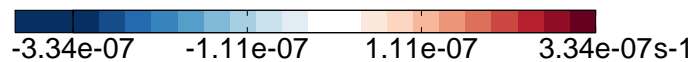
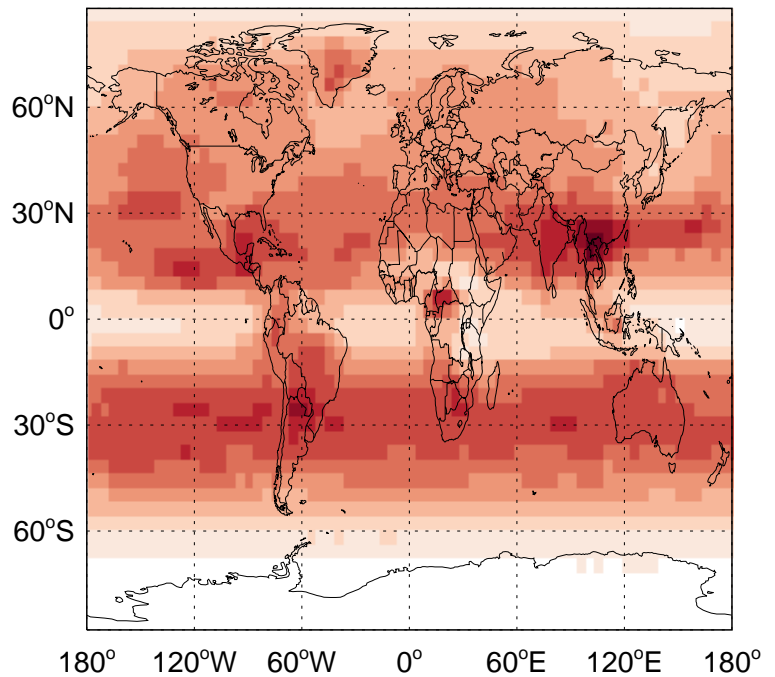
v11-02d - v11-02a

JALD2 - J-Value Diff @ surface for Apr



v11-02d - v11-02a

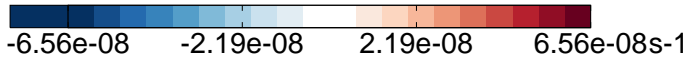
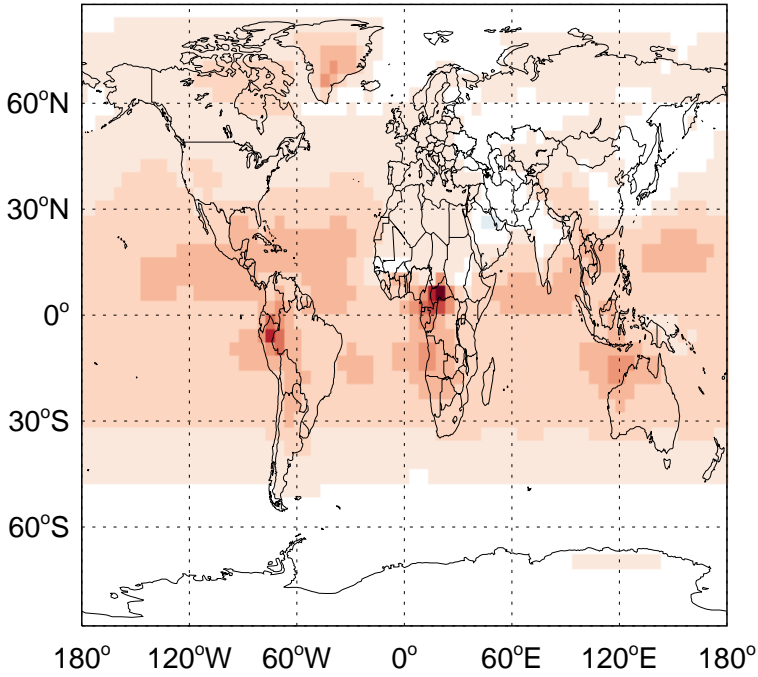
JALD2 - J-Value Diff @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

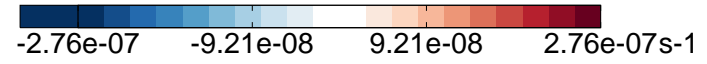
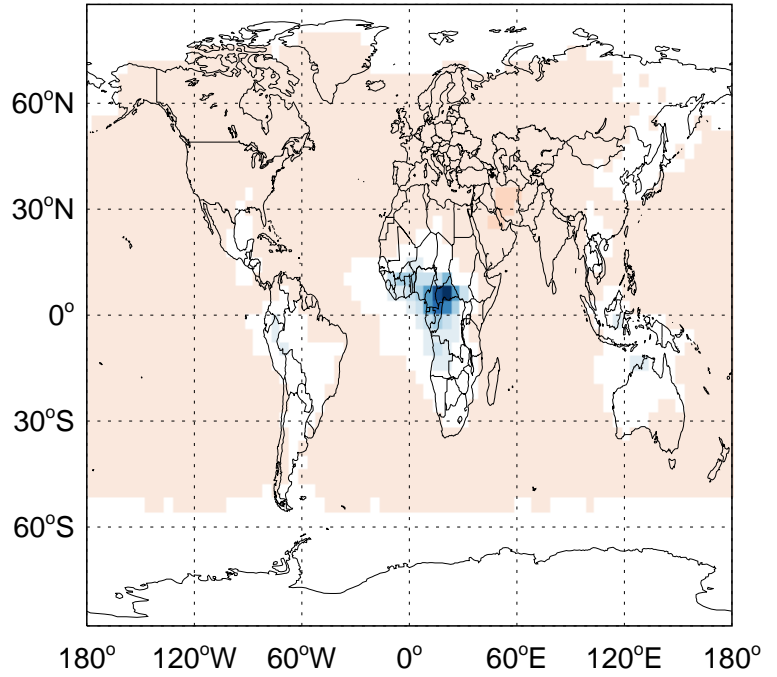
v11-02d - v11-02c

JMKV - J-Value Diff @ surface for Apr



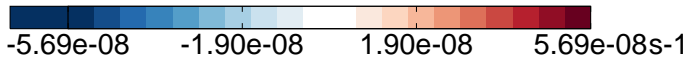
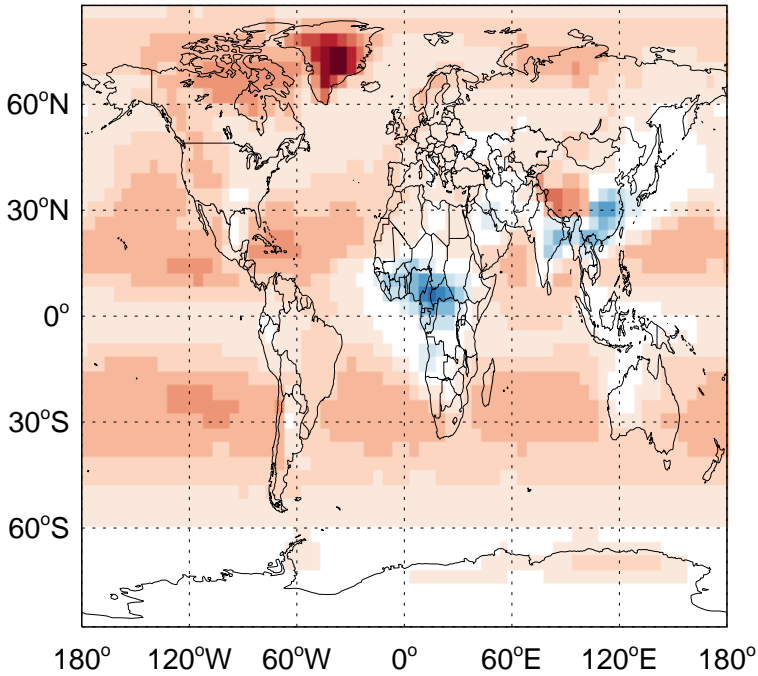
v11-02d - v11-02c

JMKV - J-Value Diff @ 500 hPa for Apr



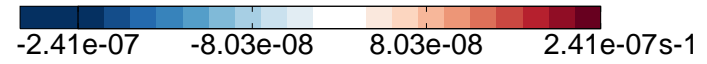
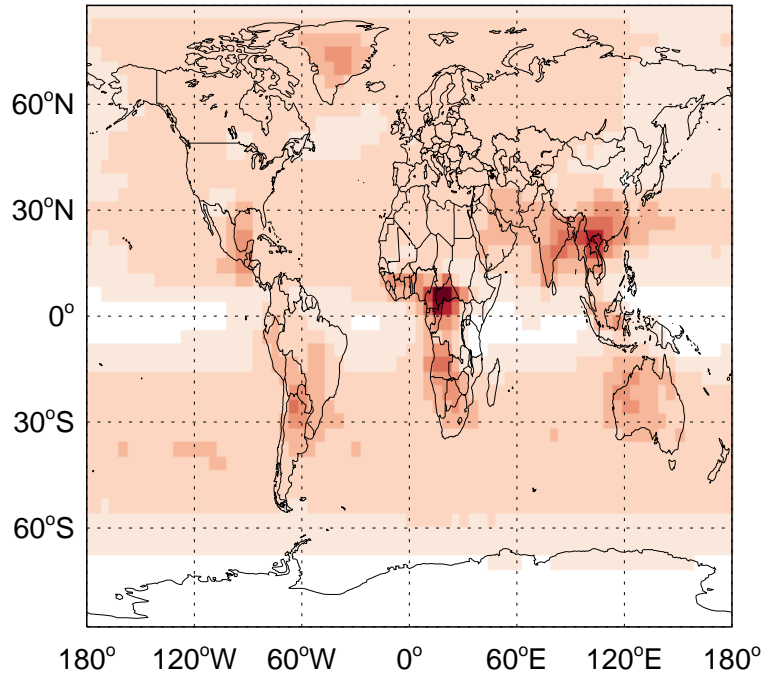
v11-02d - v11-02a

JMKV - J-Value Diff @ surface for Apr



v11-02d - v11-02a

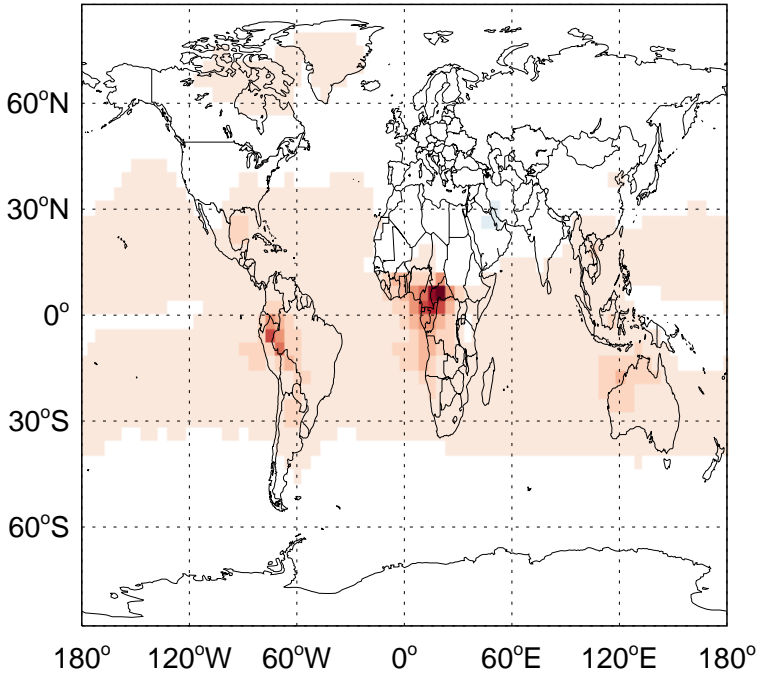
JMKV - J-Value Diff @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

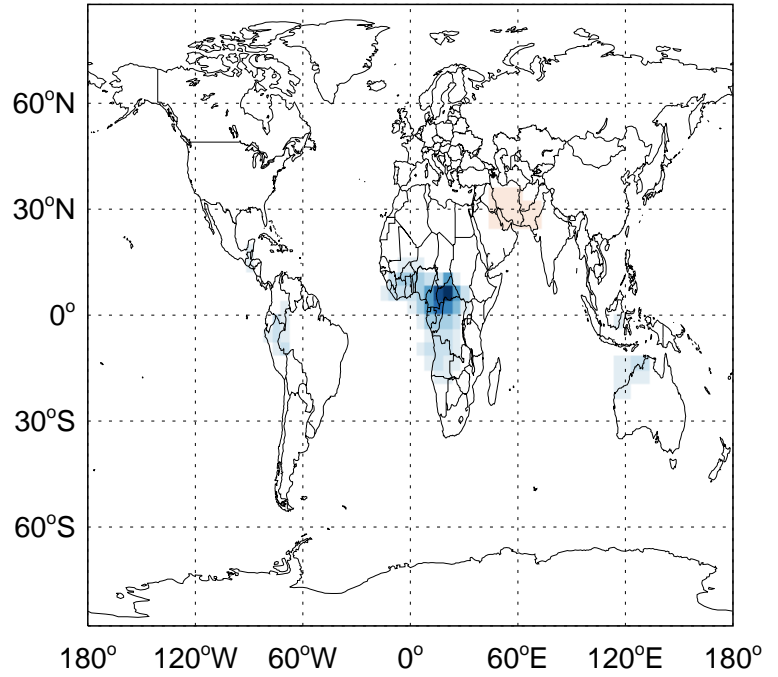
v11-02d - v11-02c

JMACR - J-Value Diff @ surface for Apr



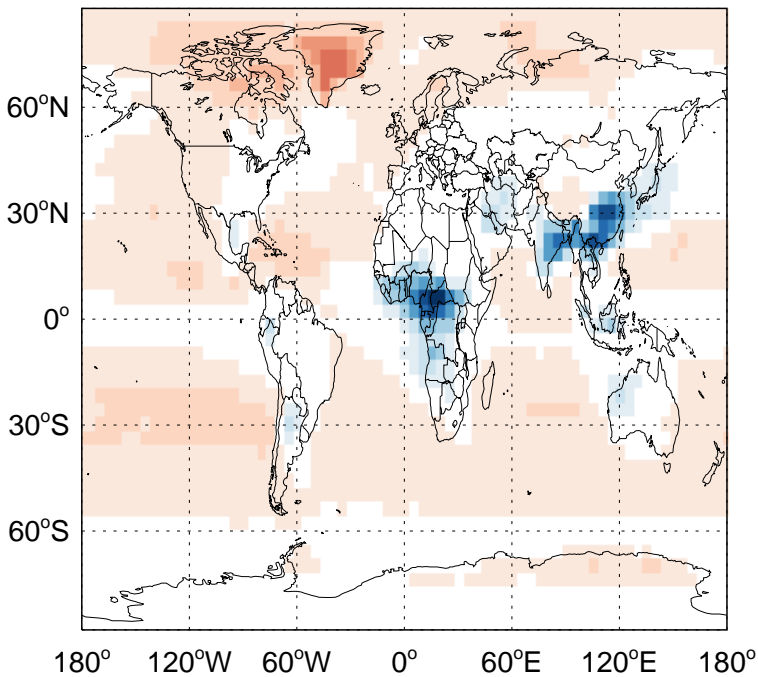
v11-02d - v11-02c

JMACR - J-Value Diff @ 500 hPa for Apr



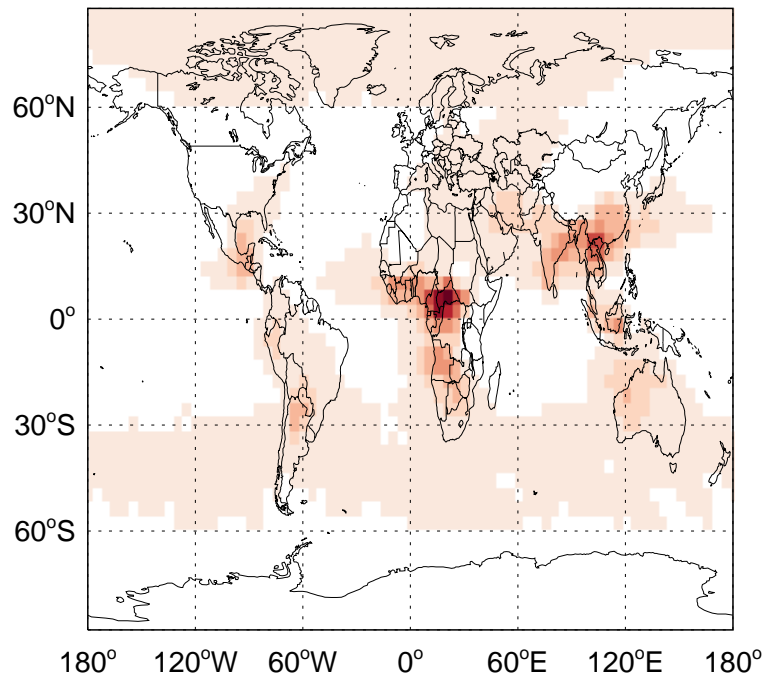
v11-02d - v11-02a

JMACR - J-Value Diff @ surface for Apr



v11-02d - v11-02a

JMACR - J-Value Diff @ 500 hPa for Apr



-1.15e-08 -3.82e-09 3.82e-09 1.15e-08s-1

-4.81e-08 -1.60e-08 1.60e-08 4.81e-08s-1