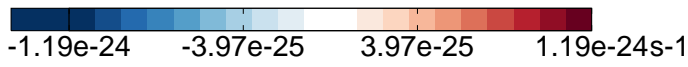
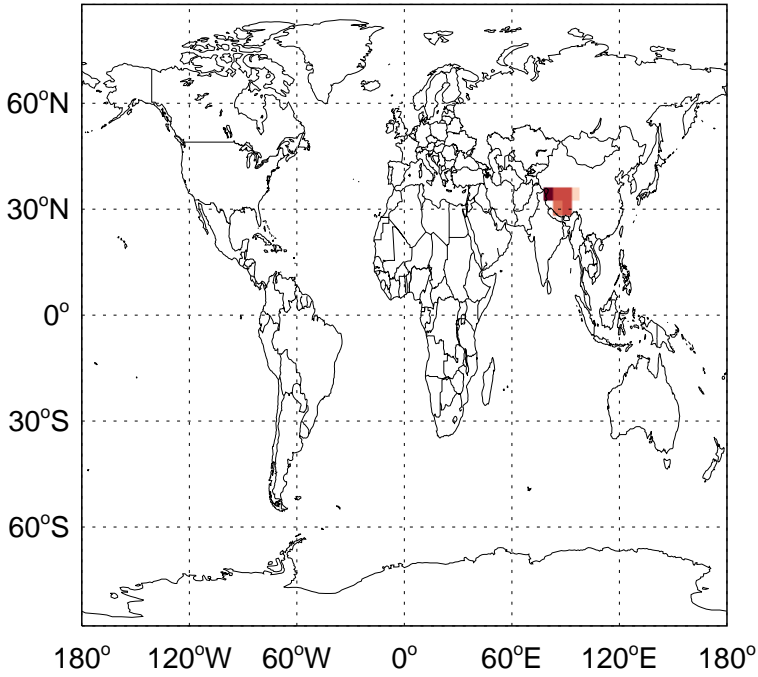


GEOS-Chem J-Values at surface and 500 hPa

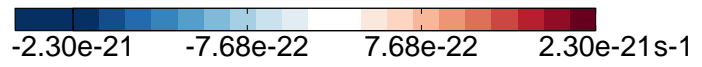
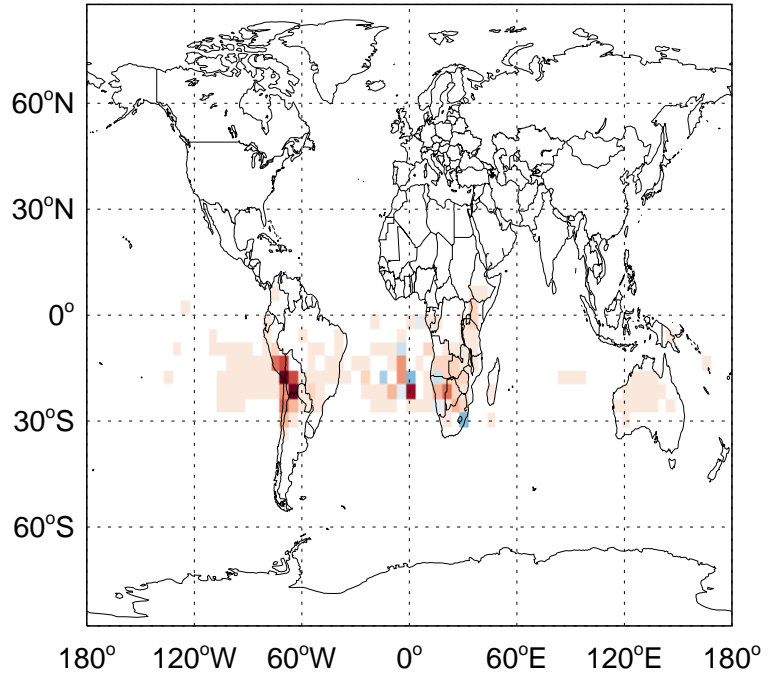
v11-01-public-Run0 - v11-01k-Run0

JNO - J-Value Diff @ surface for Jan



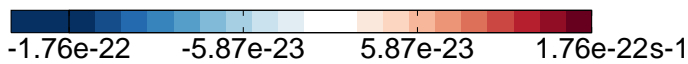
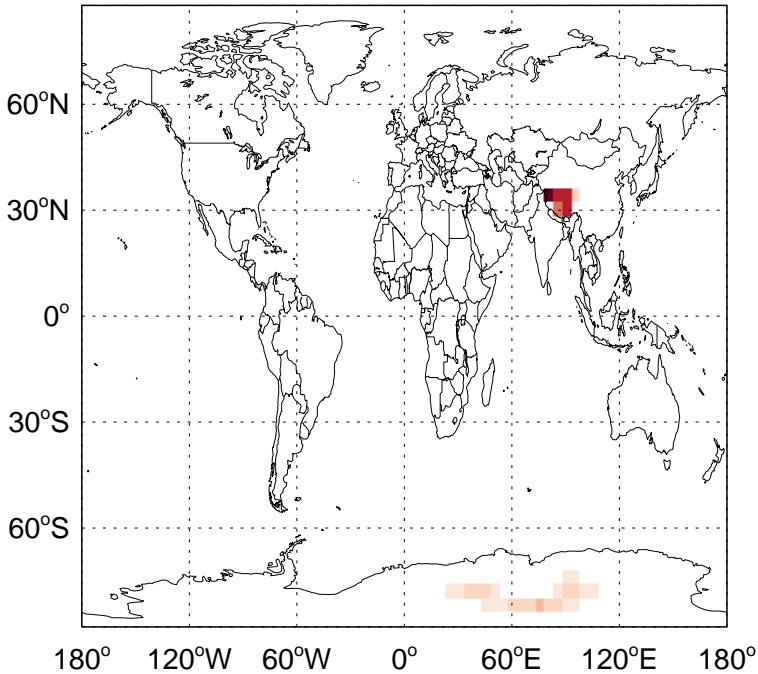
v11-01-public-Run0 - v11-01k-Run0

JNO - J-Value Diff @ 500 hPa for Jan



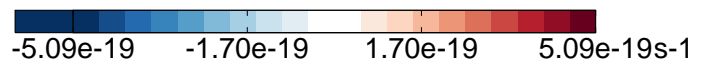
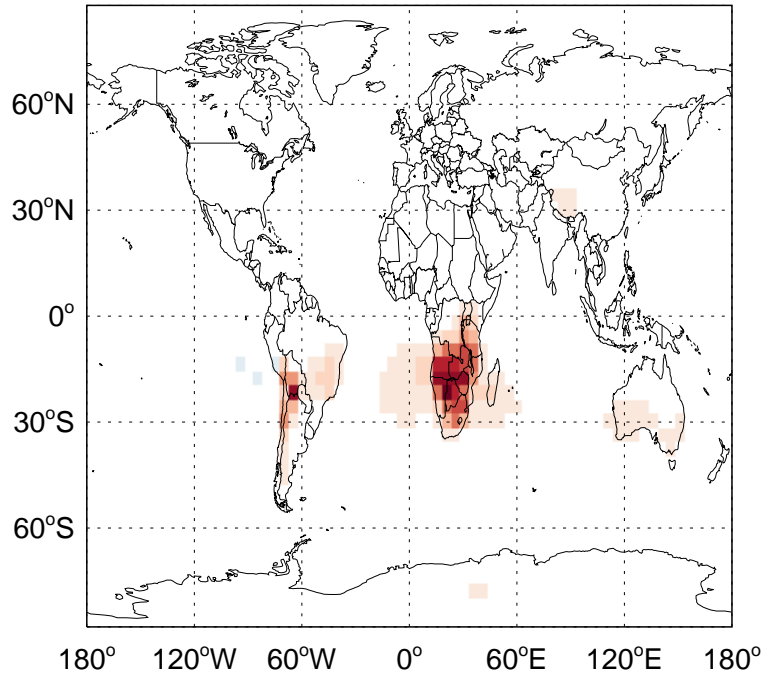
v11-01-public-Run0 - v11-01g-Run0

JNO - J-Value Diff @ surface for Jan



v11-01-public-Run0 - v11-01g-Run0

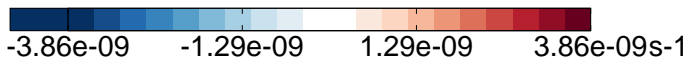
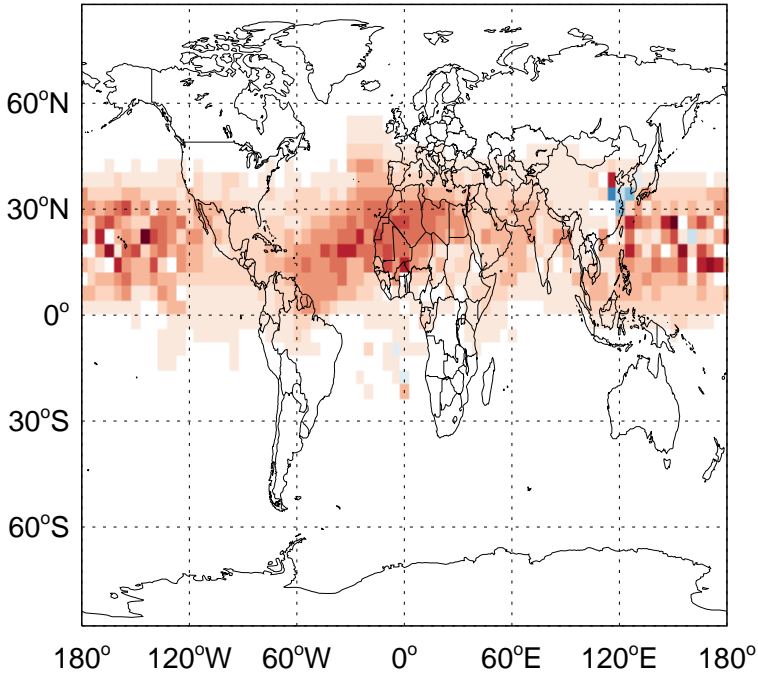
JNO - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

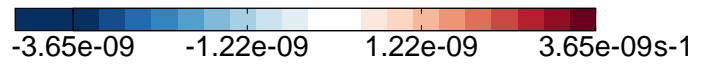
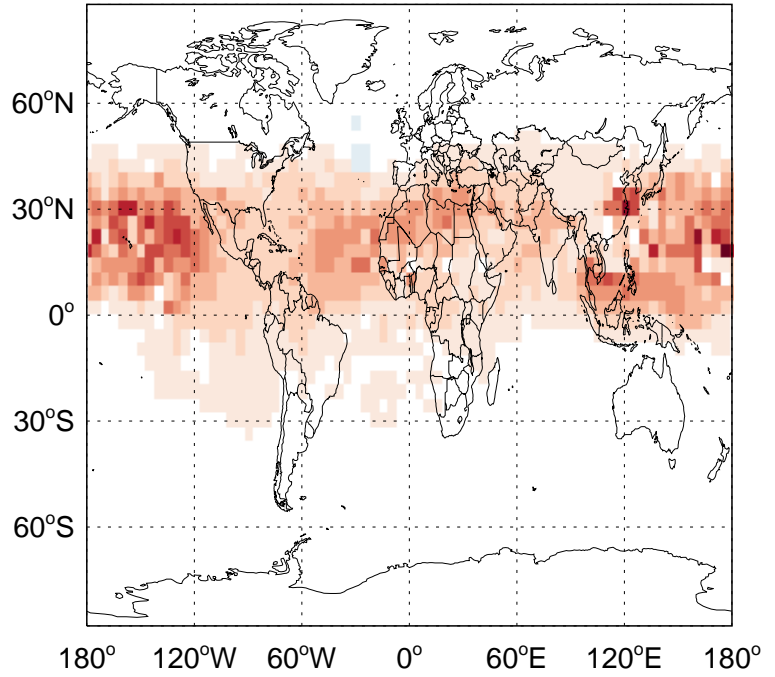
v11-01-public-Run0 - v11-01k-Run0

JO3_O1D - J-Value Diff @ surface for Jan



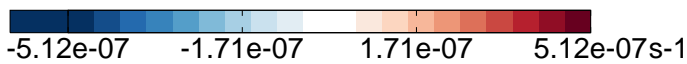
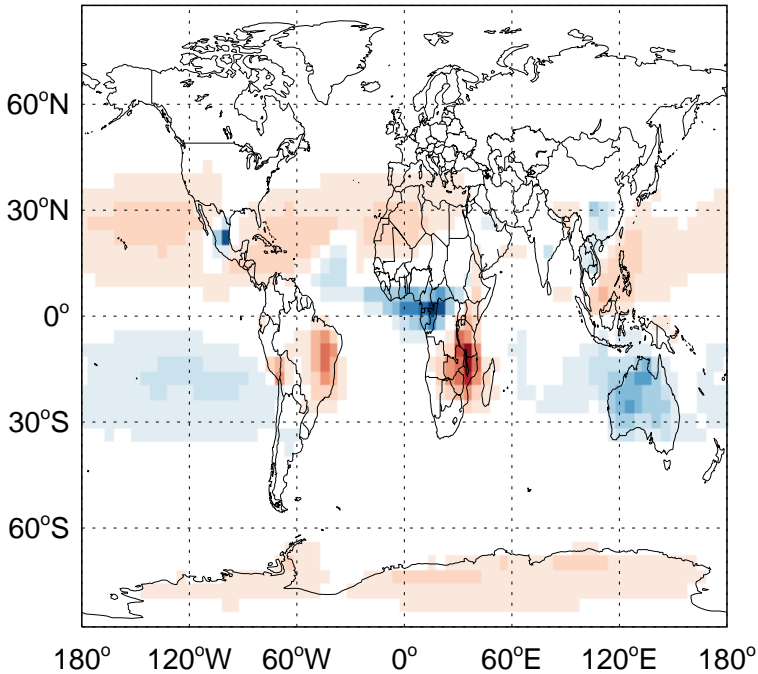
v11-01-public-Run0 - v11-01k-Run0

JO3_O1D - J-Value Diff @ 500 hPa for Jan



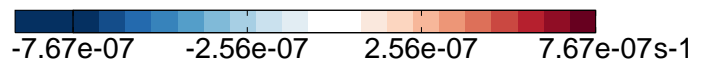
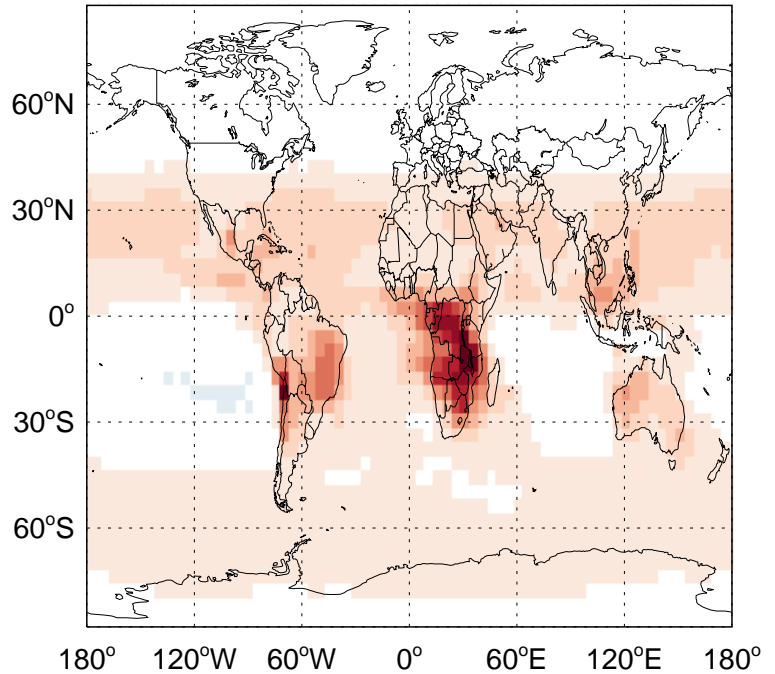
v11-01-public-Run0 - v11-01g-Run0

JO3_O1D - J-Value Diff @ surface for Jan



v11-01-public-Run0 - v11-01g-Run0

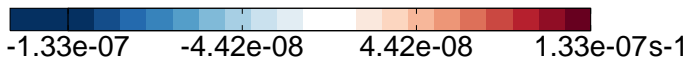
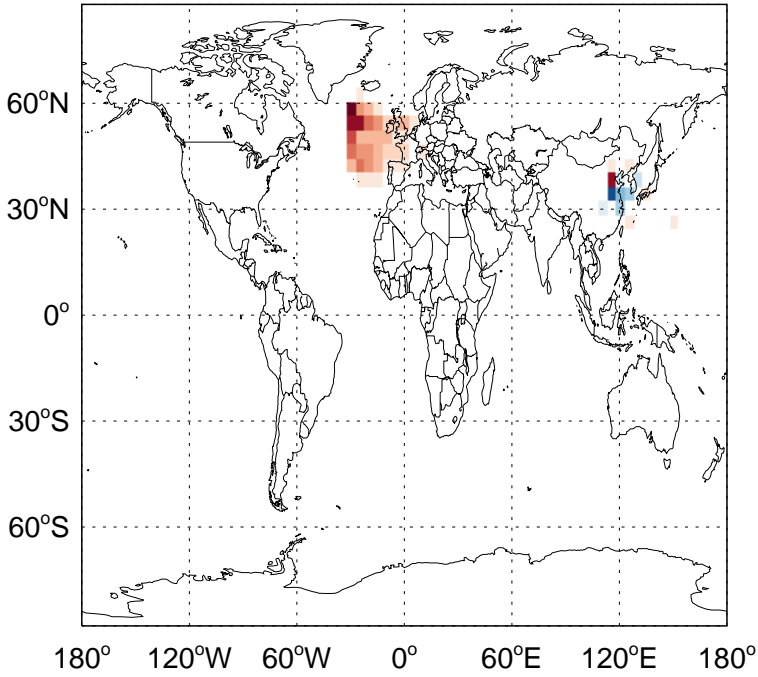
JO3_O1D - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

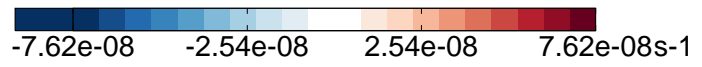
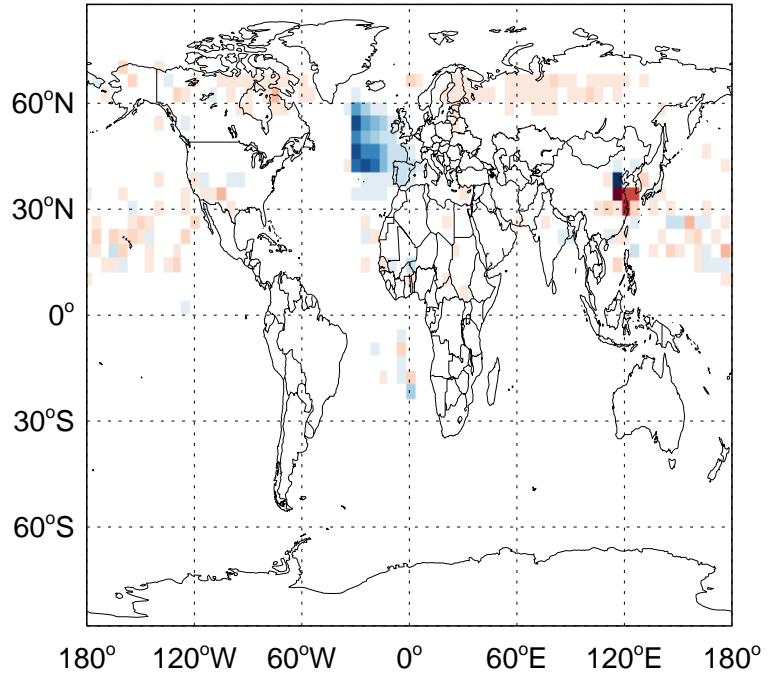
v11-01-public-Run0 - v11-01k-Run0

JO3_O3P - J-Value Diff @ surface for Jan



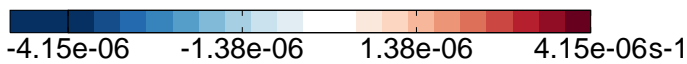
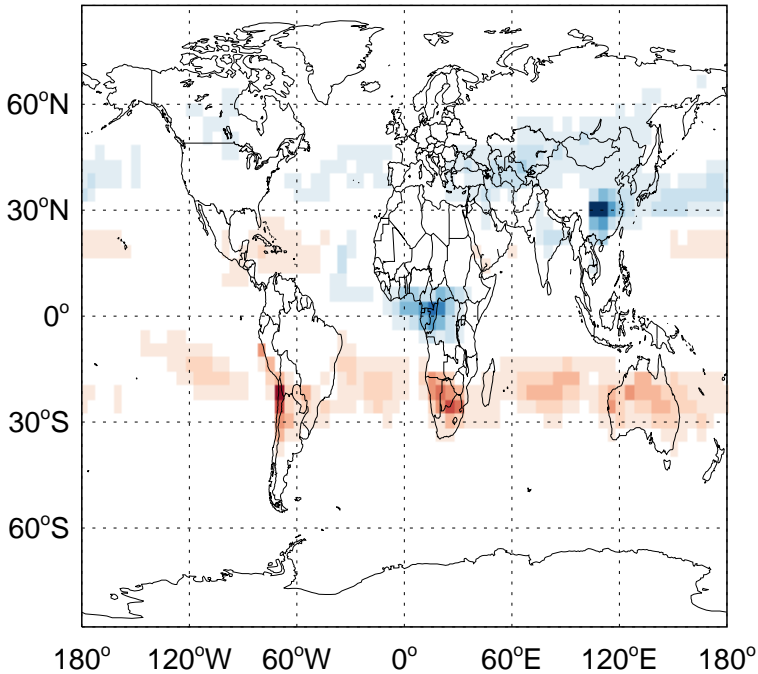
v11-01-public-Run0 - v11-01k-Run0

JO3_O3P - J-Value Diff @ 500 hPa for Jan



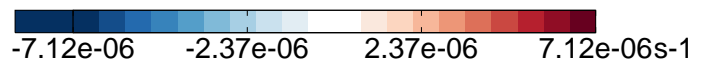
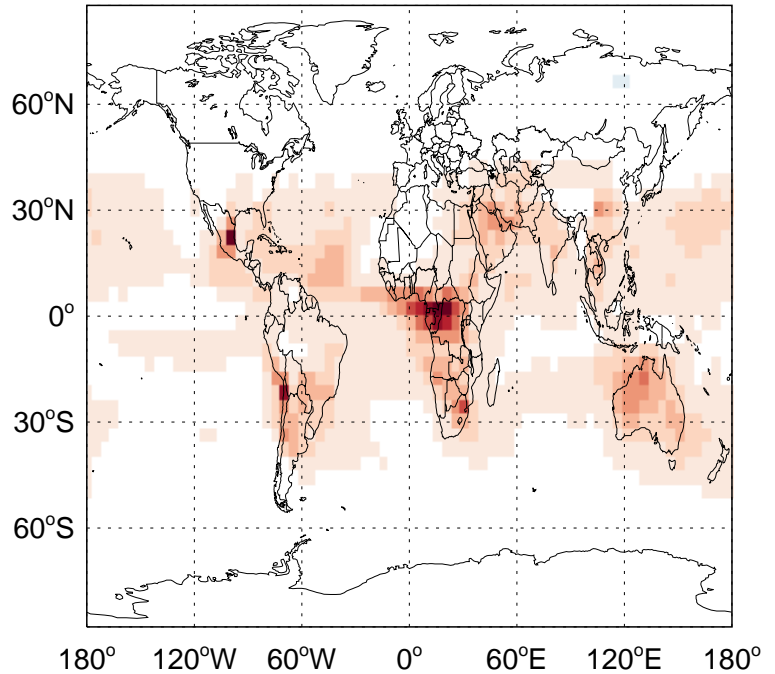
v11-01-public-Run0 - v11-01g-Run0

JO3_O3P - J-Value Diff @ surface for Jan



v11-01-public-Run0 - v11-01g-Run0

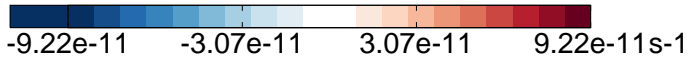
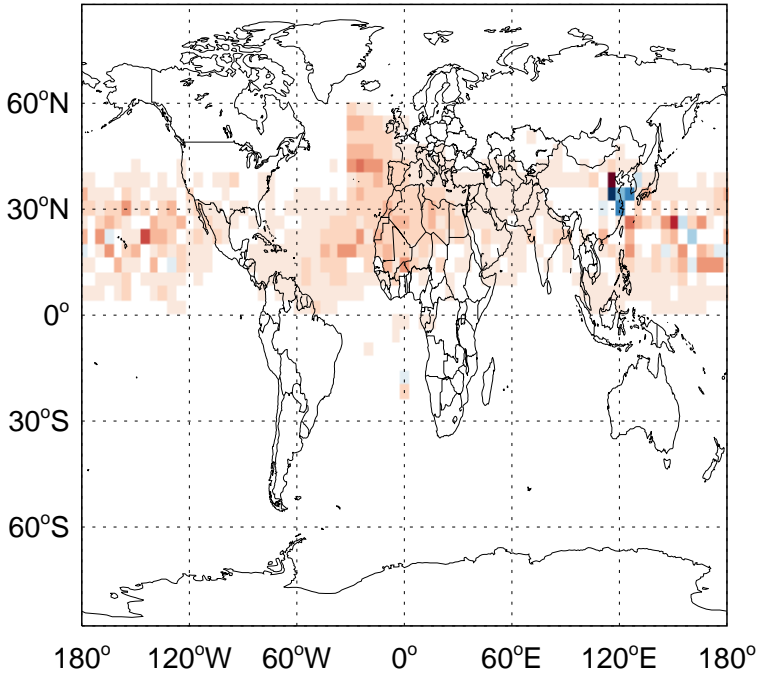
JO3_O3P - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

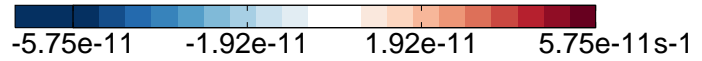
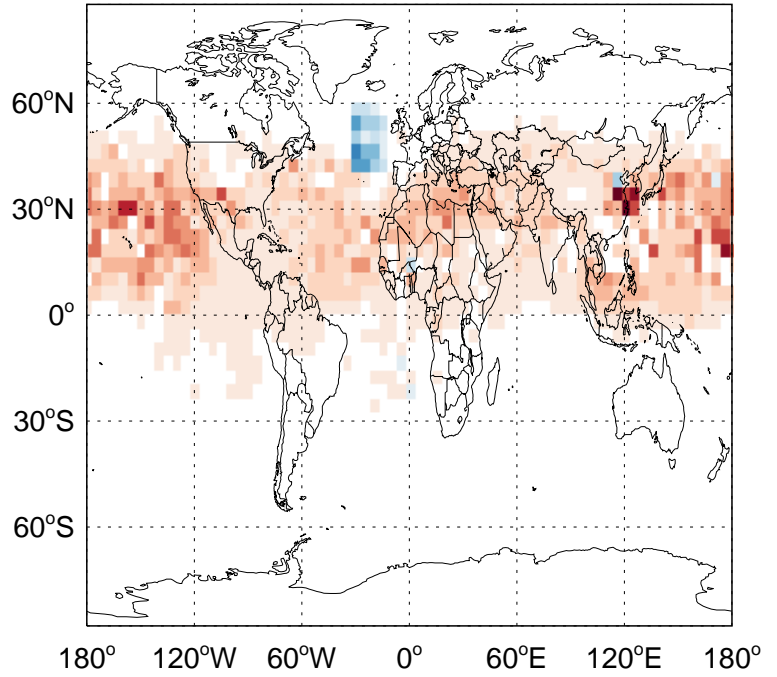
v11-01-public-Run0 - v11-01k-Run0

JHNO3 - J-Value Diff @ surface for Jan



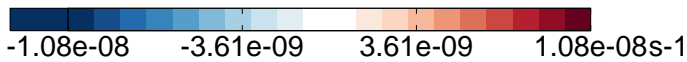
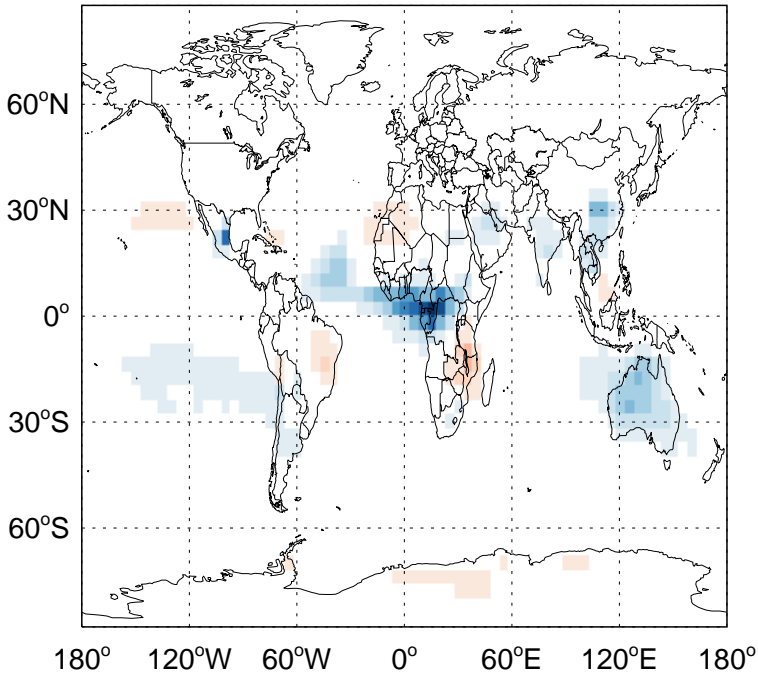
v11-01-public-Run0 - v11-01k-Run0

JHNO3 - J-Value Diff @ 500 hPa for Jan



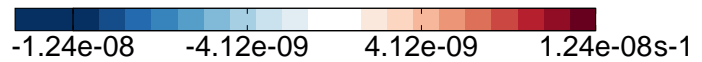
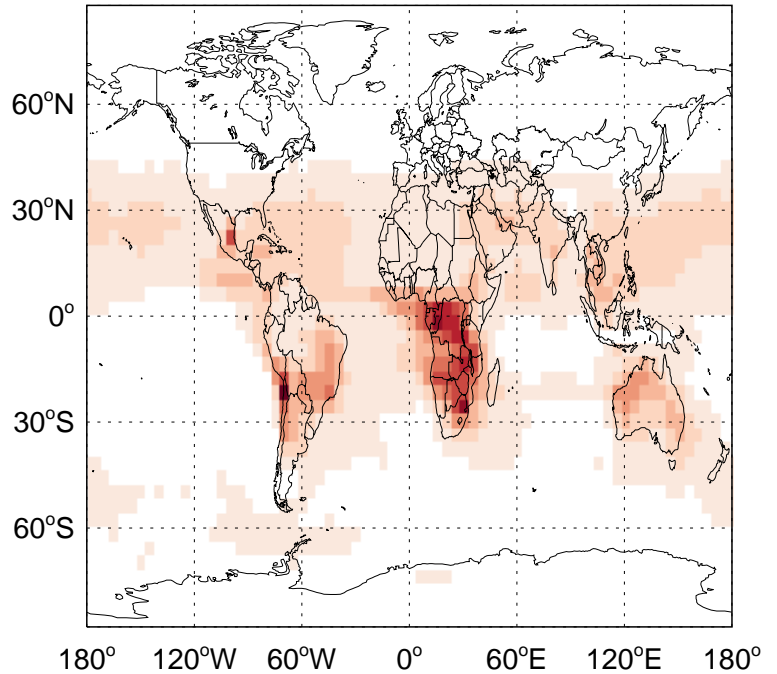
v11-01-public-Run0 - v11-01g-Run0

JHNO3 - J-Value Diff @ surface for Jan



v11-01-public-Run0 - v11-01g-Run0

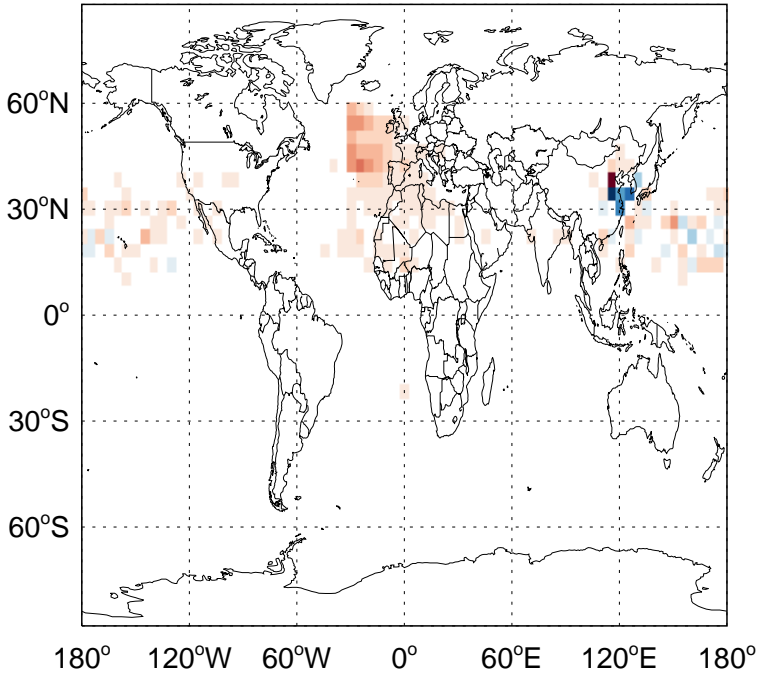
JHNO3 - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

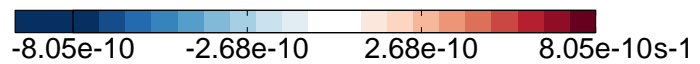
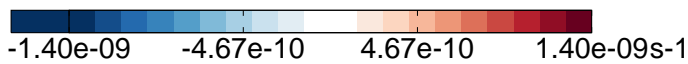
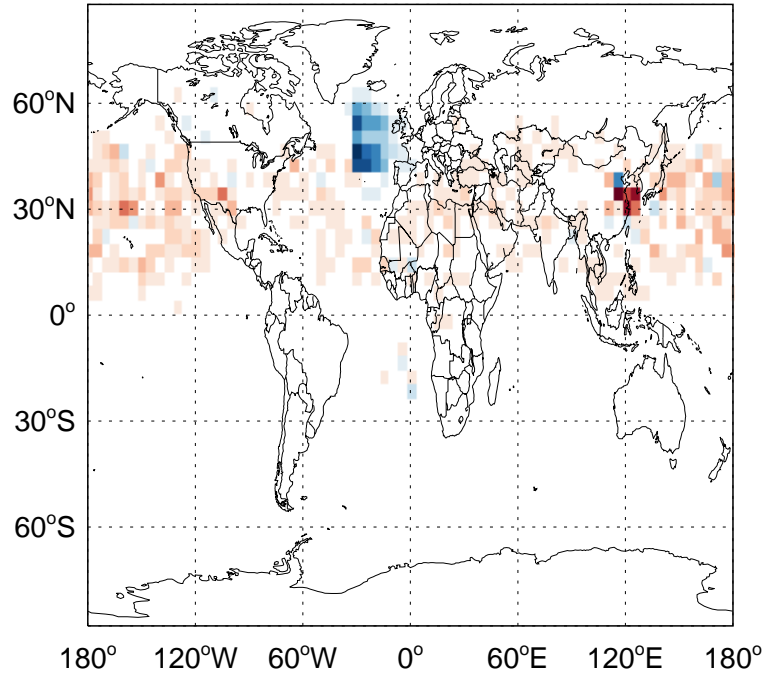
v11-01-public-Run0 - v11-01k-Run0

JH2O2 - J-Value Diff @ surface for Jan



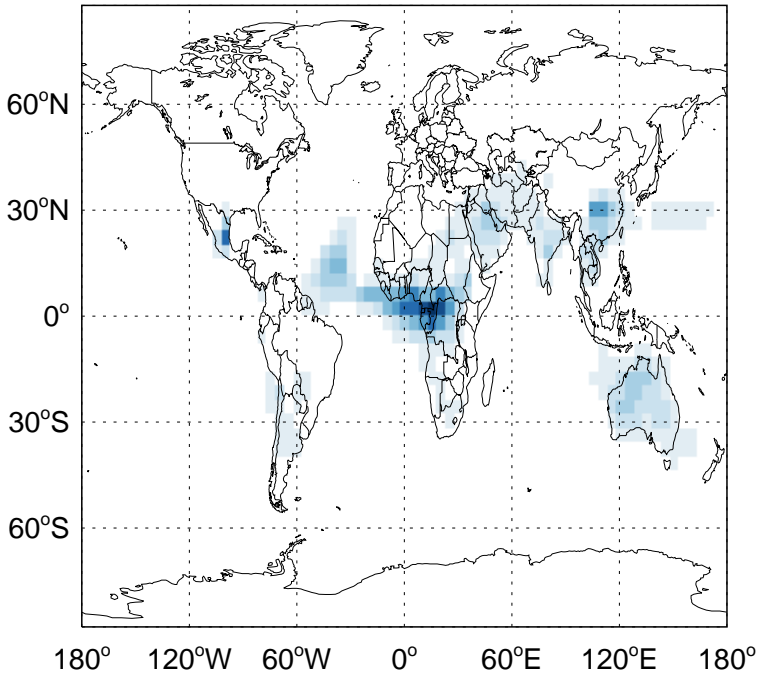
v11-01-public-Run0 - v11-01k-Run0

JH2O2 - J-Value Diff @ 500 hPa for Jan



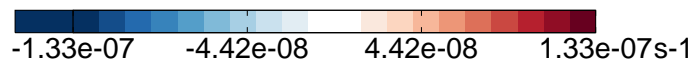
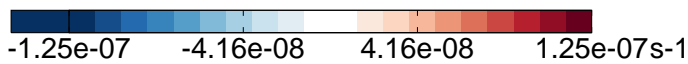
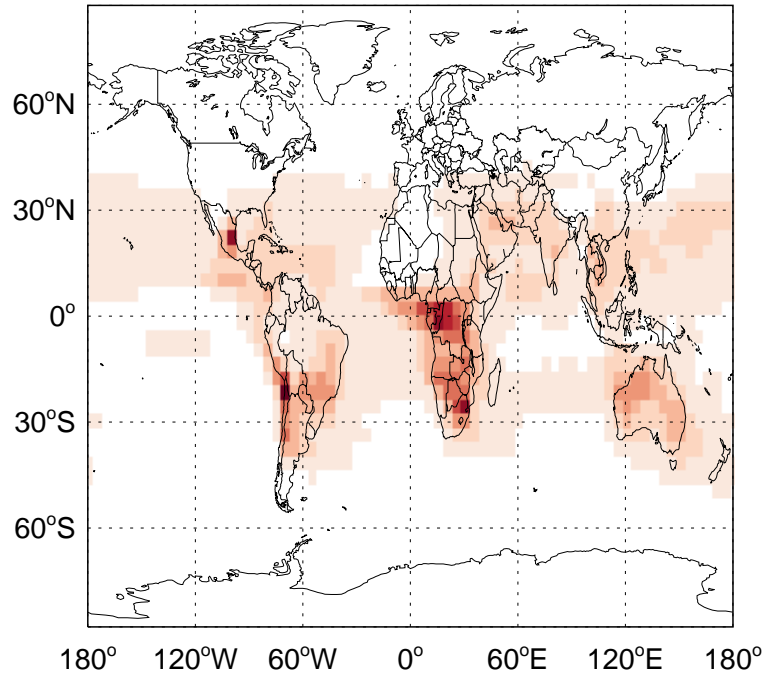
v11-01-public-Run0 - v11-01g-Run0

JH2O2 - J-Value Diff @ surface for Jan



v11-01-public-Run0 - v11-01g-Run0

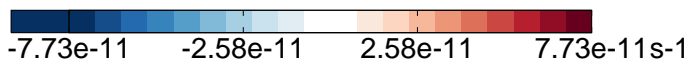
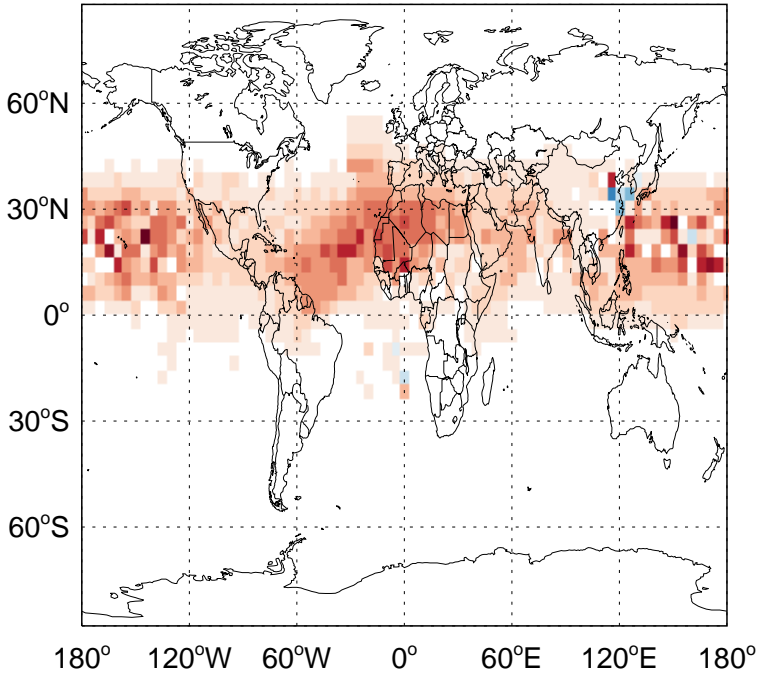
JH2O2 - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

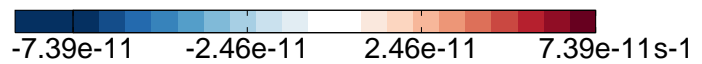
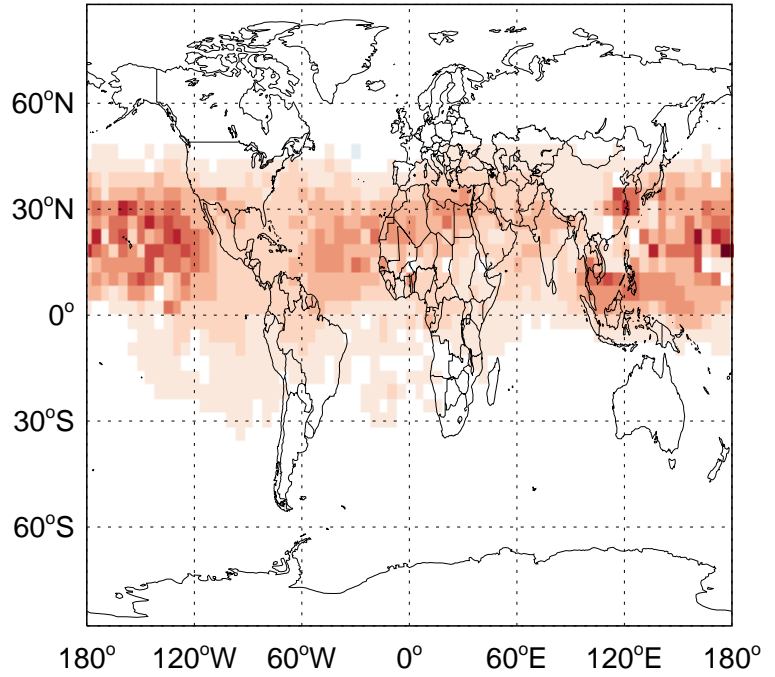
v11-01-public-Run0 - v11-01k-Run0

JACET - J-Value Diff @ surface for Jan



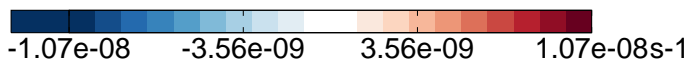
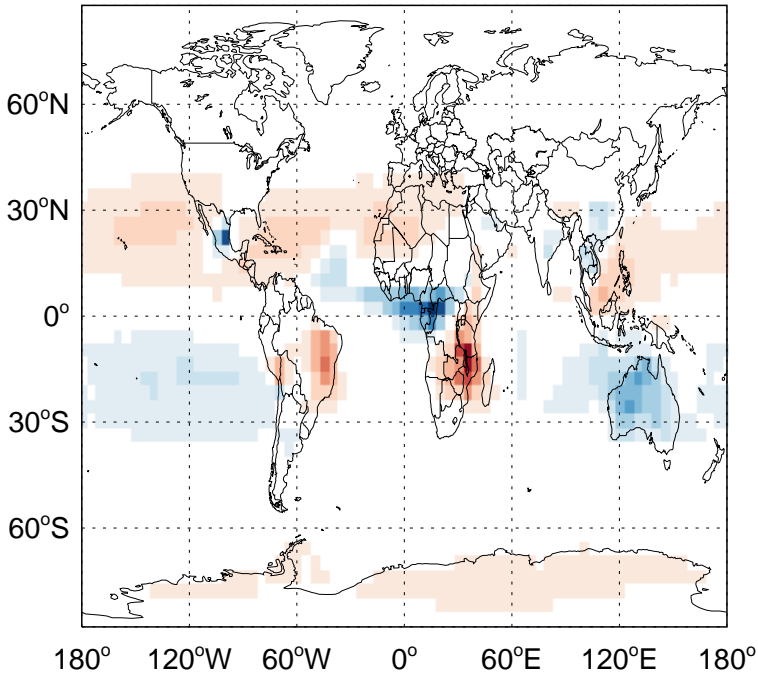
v11-01-public-Run0 - v11-01k-Run0

JACET - J-Value Diff @ 500 hPa for Jan



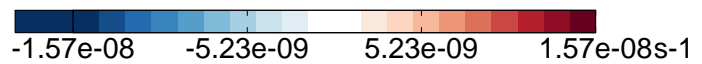
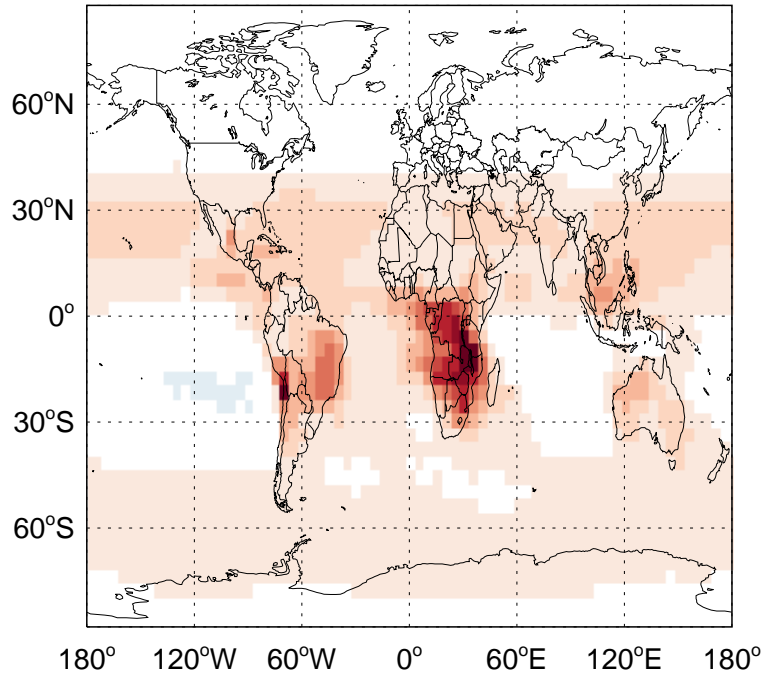
v11-01-public-Run0 - v11-01g-Run0

JACET - J-Value Diff @ surface for Jan



v11-01-public-Run0 - v11-01g-Run0

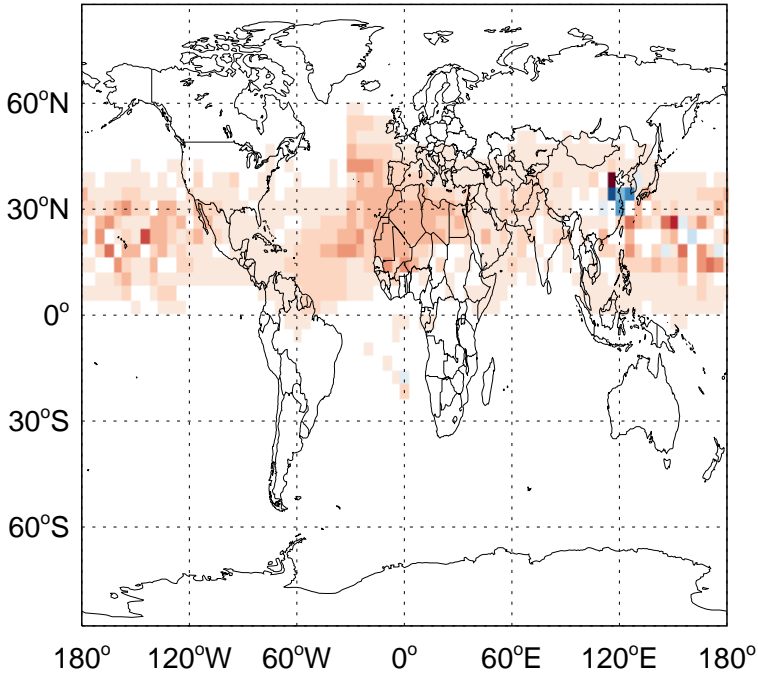
JACET - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

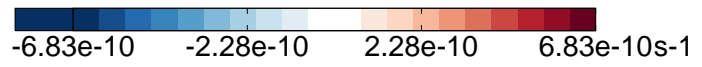
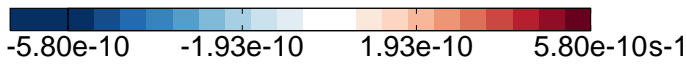
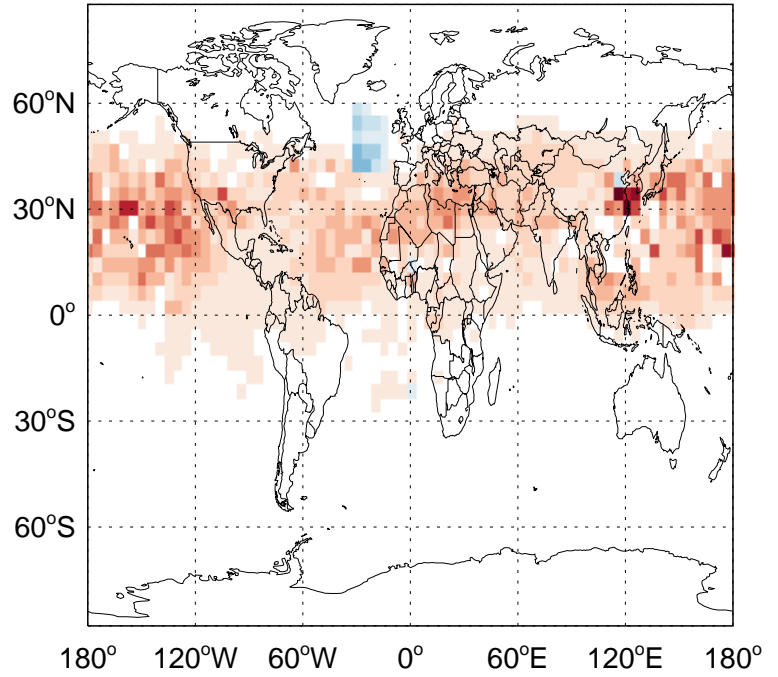
v11-01-public-Run0 - v11-01k-Run0

JALD2 - J-Value Diff @ surface for Jan



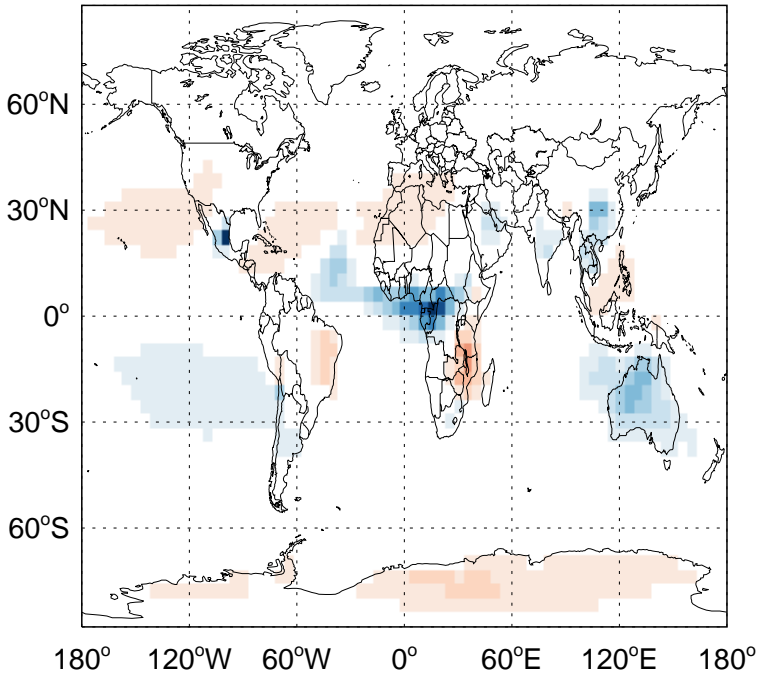
v11-01-public-Run0 - v11-01k-Run0

JALD2 - J-Value Diff @ 500 hPa for Jan



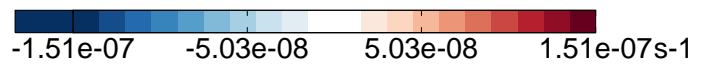
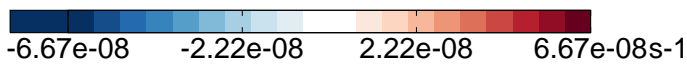
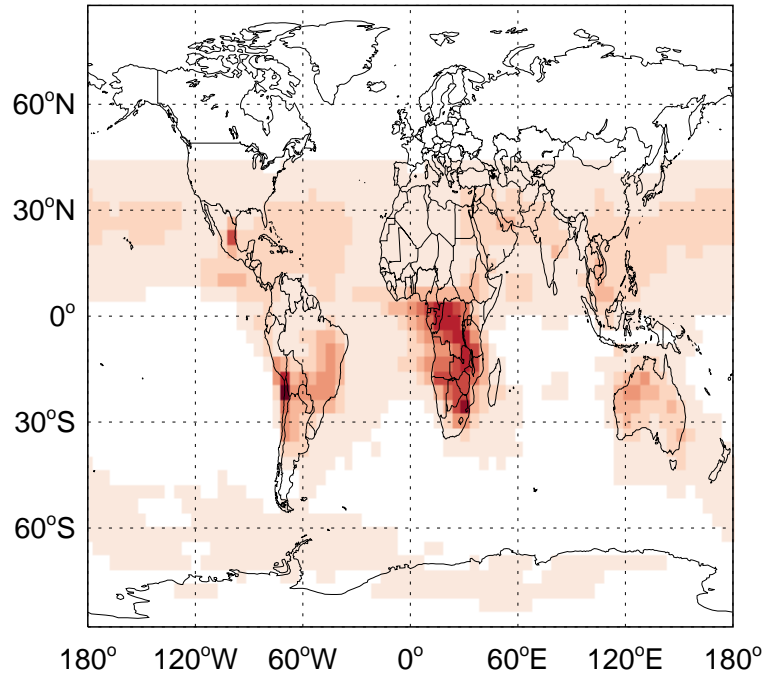
v11-01-public-Run0 - v11-01g-Run0

JALD2 - J-Value Diff @ surface for Jan



v11-01-public-Run0 - v11-01g-Run0

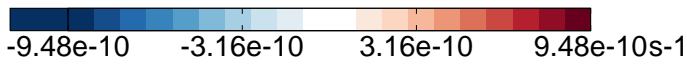
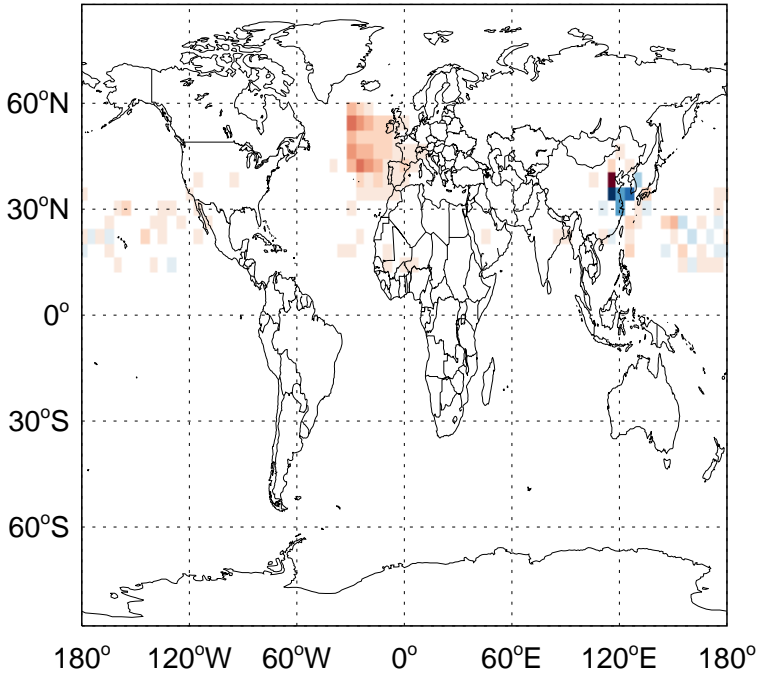
JALD2 - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

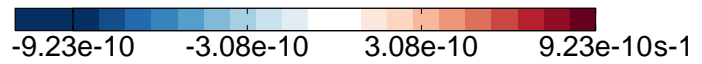
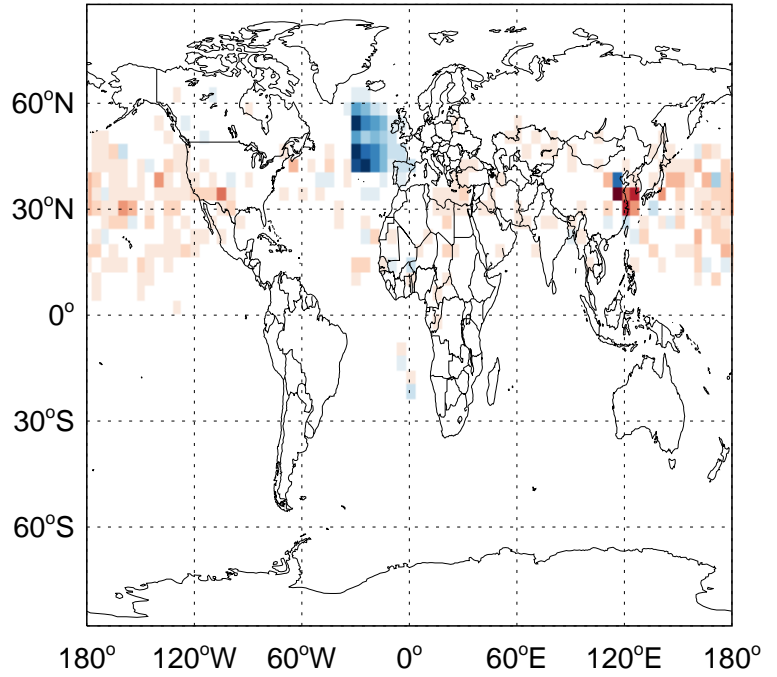
v11-01-public-Run0 - v11-01k-Run0

JMVK - J-Value Diff @ surface for Jan



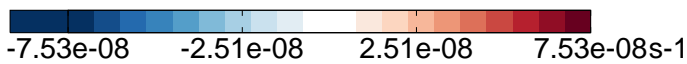
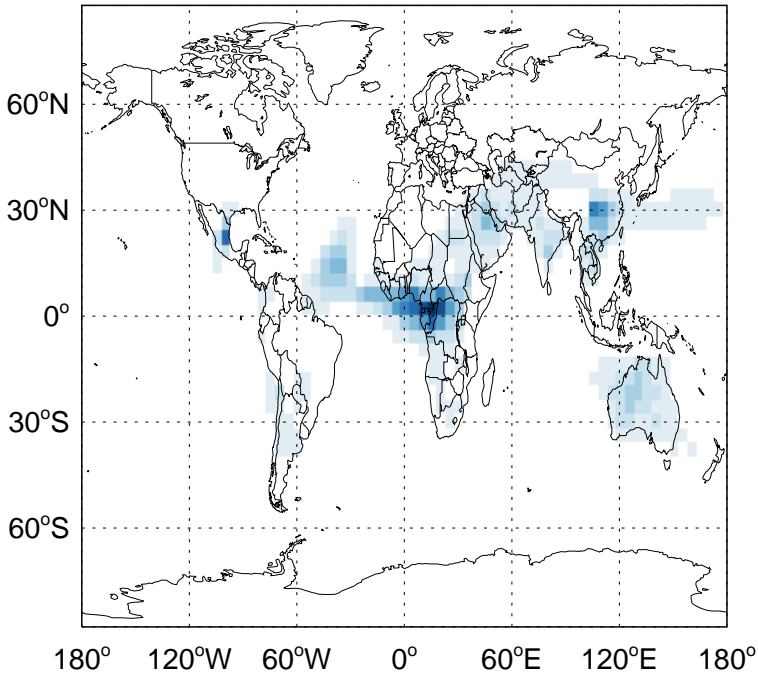
v11-01-public-Run0 - v11-01k-Run0

JMVK - J-Value Diff @ 500 hPa for Jan



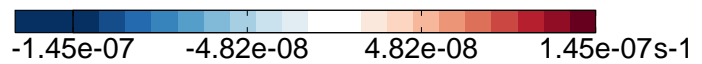
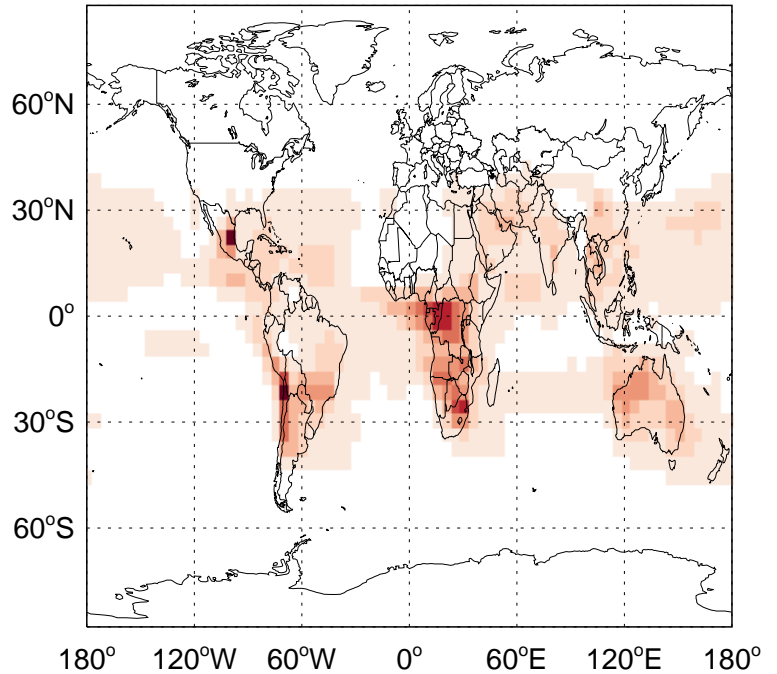
v11-01-public-Run0 - v11-01g-Run0

JMVK - J-Value Diff @ surface for Jan



v11-01-public-Run0 - v11-01g-Run0

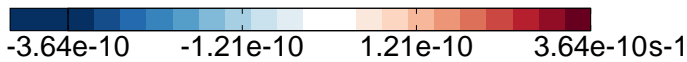
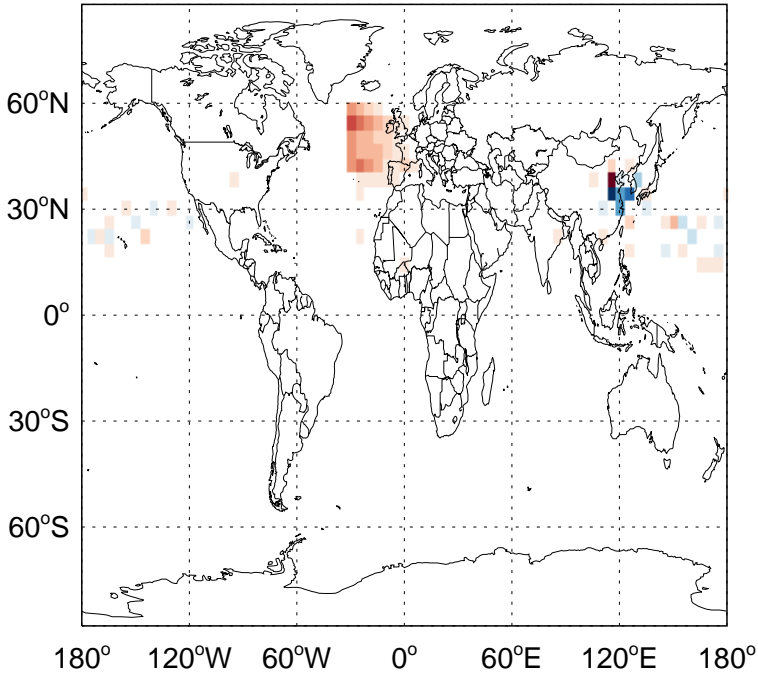
JMVK - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

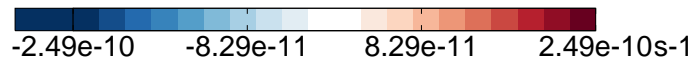
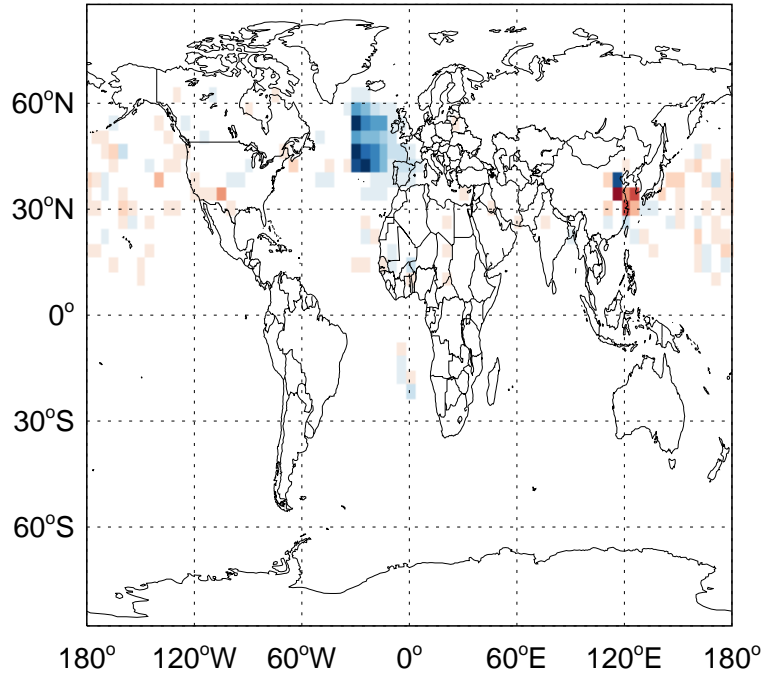
v11-01-public-Run0 - v11-01k-Run0

JMACR - J-Value Diff @ surface for Jan



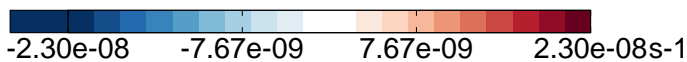
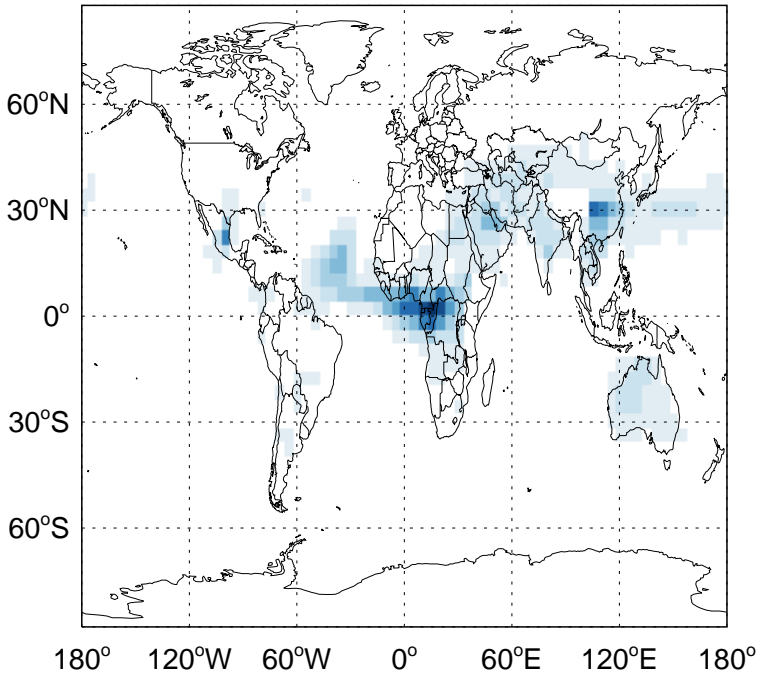
v11-01-public-Run0 - v11-01k-Run0

JMACR - J-Value Diff @ 500 hPa for Jan



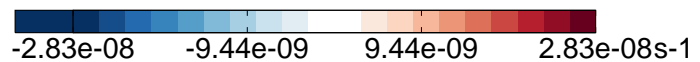
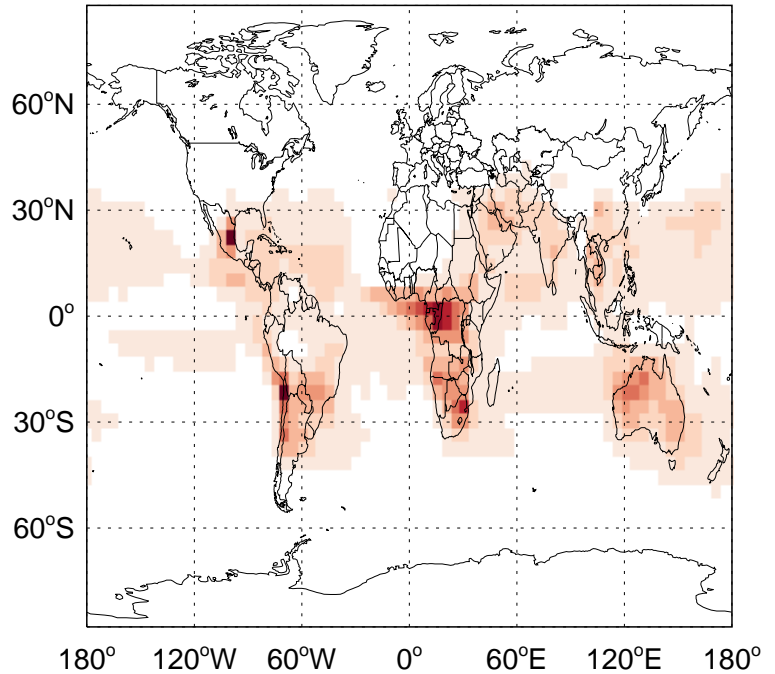
v11-01-public-Run0 - v11-01g-Run0

JMACR - J-Value Diff @ surface for Jan



v11-01-public-Run0 - v11-01g-Run0

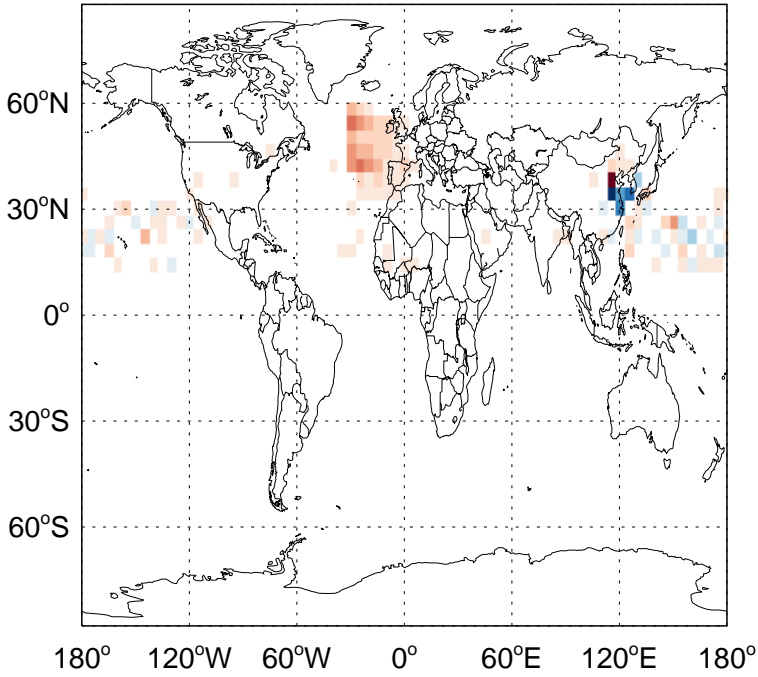
JMACR - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

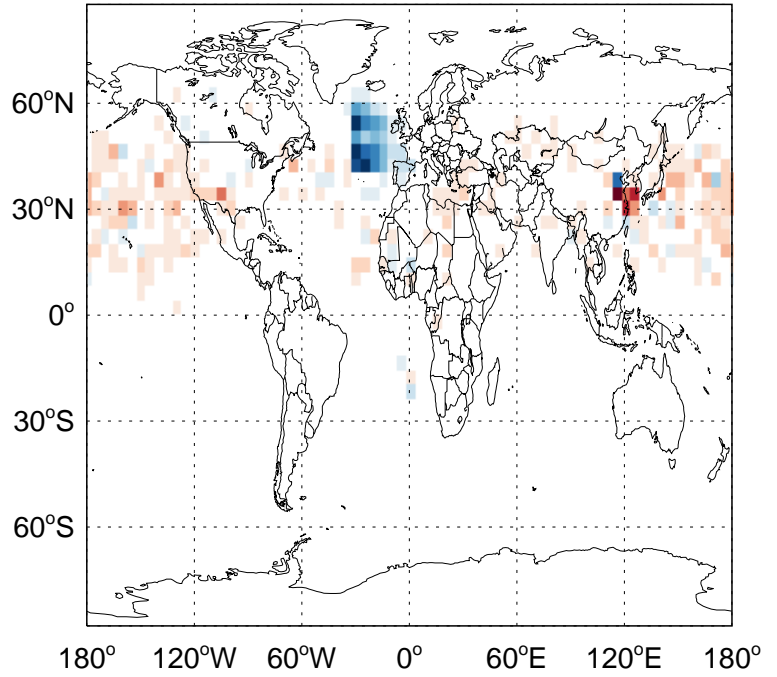
v11-01-public-Run0 - v11-01k-Run0

JCH2O - J-Value Diff @ surface for Jan



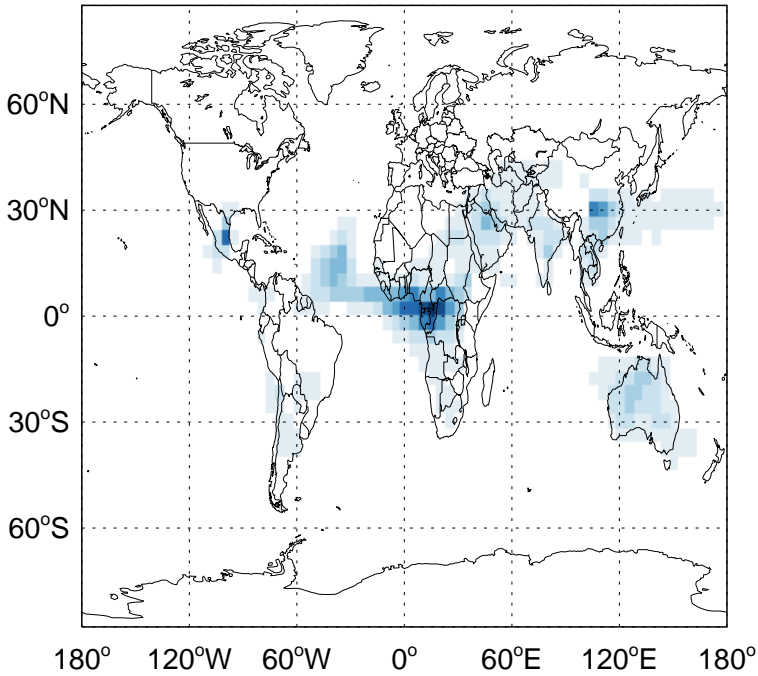
v11-01-public-Run0 - v11-01k-Run0

JCH2O - J-Value Diff @ 500 hPa for Jan



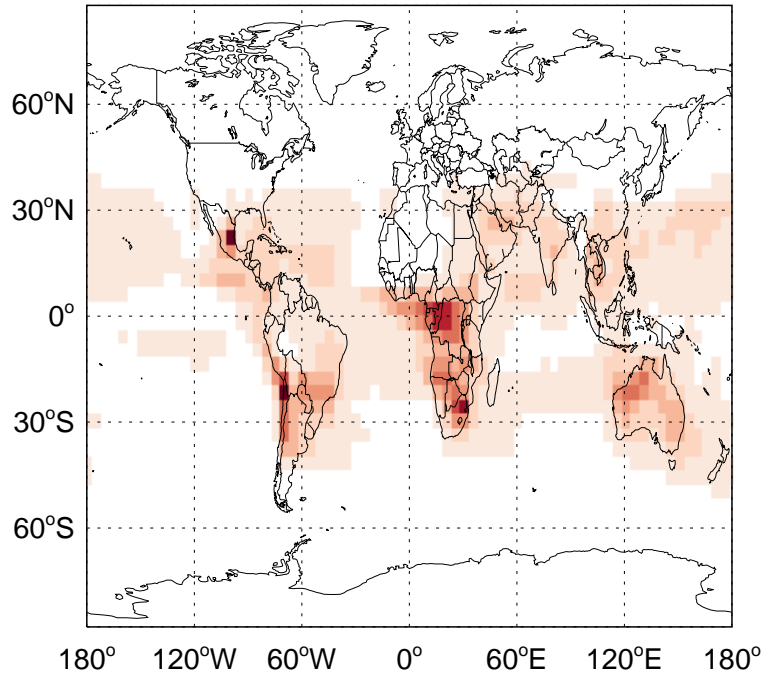
v11-01-public-Run0 - v11-01g-Run0

JCH2O - J-Value Diff @ surface for Jan



v11-01-public-Run0 - v11-01g-Run0

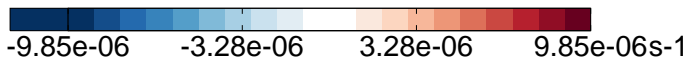
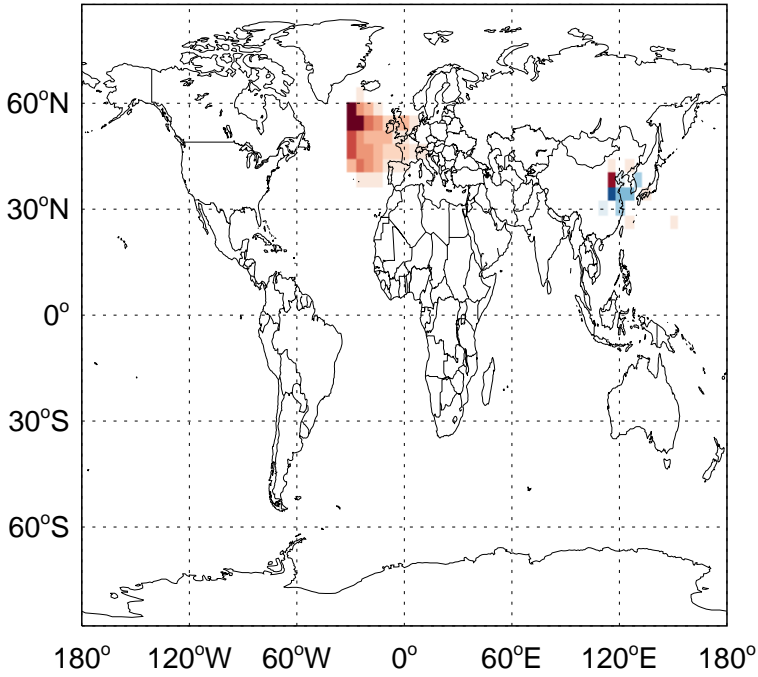
JCH2O - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

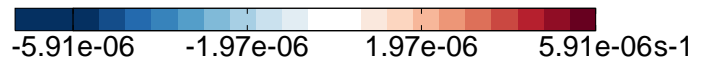
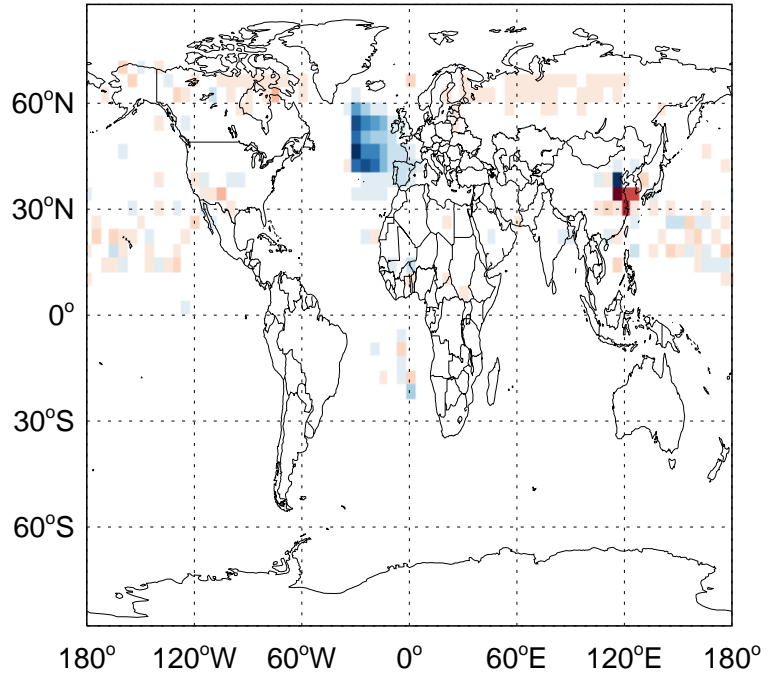
v11-01-public-Run0 - v11-01k-Run0

JBr2 - J-Value Diff @ surface for Jan



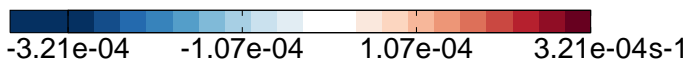
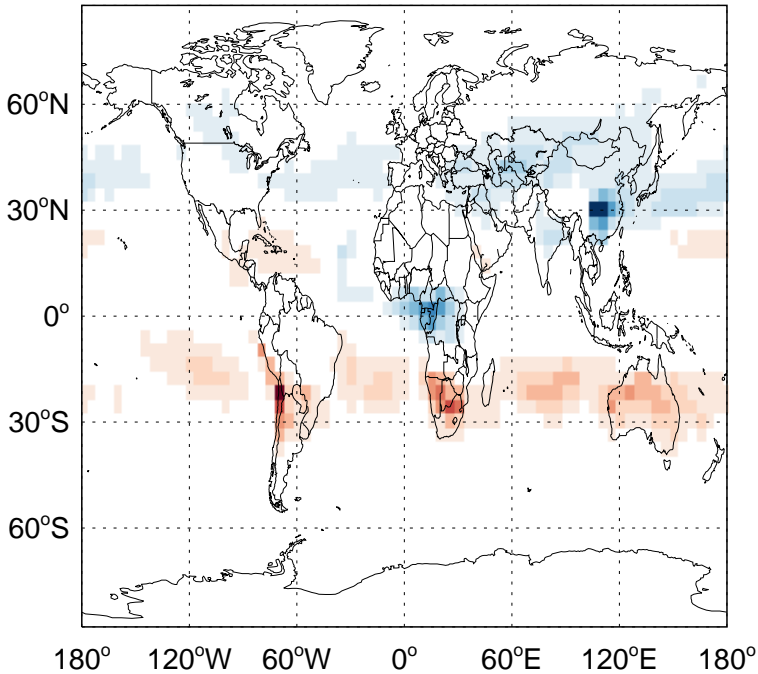
v11-01-public-Run0 - v11-01k-Run0

JBr2 - J-Value Diff @ 500 hPa for Jan



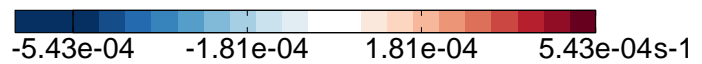
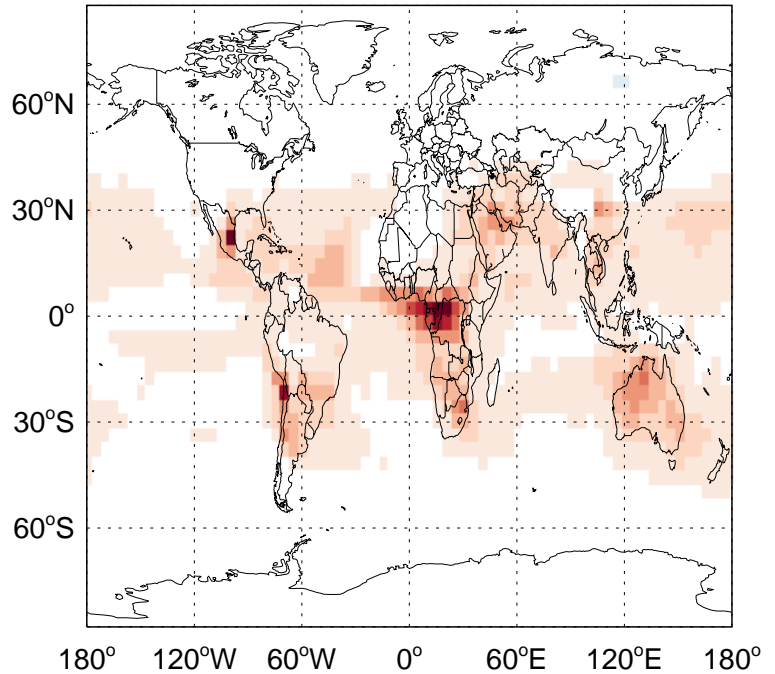
v11-01-public-Run0 - v11-01g-Run0

JBr2 - J-Value Diff @ surface for Jan



v11-01-public-Run0 - v11-01g-Run0

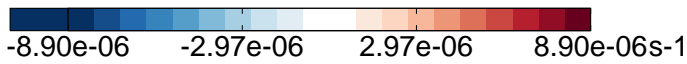
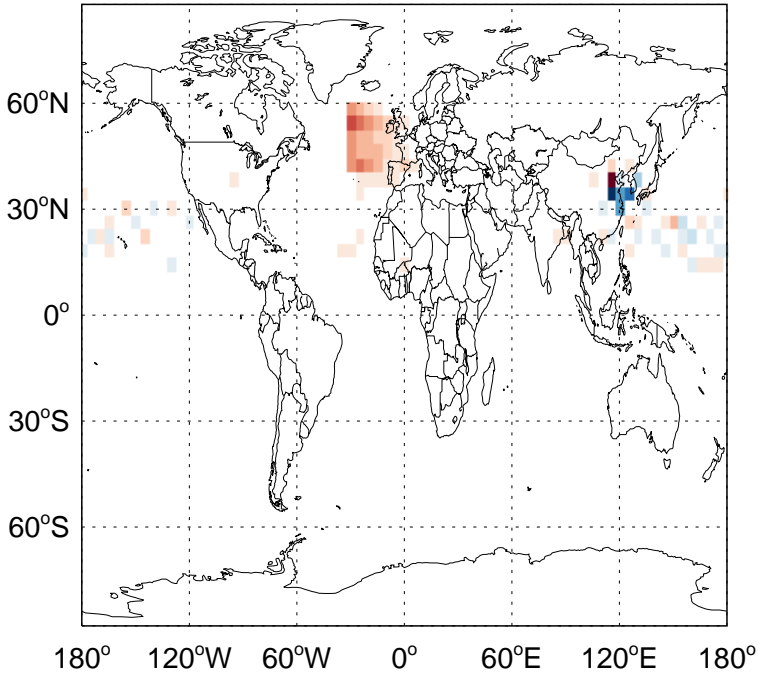
JBr2 - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

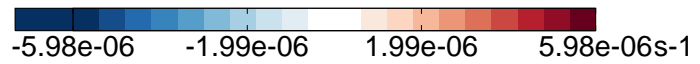
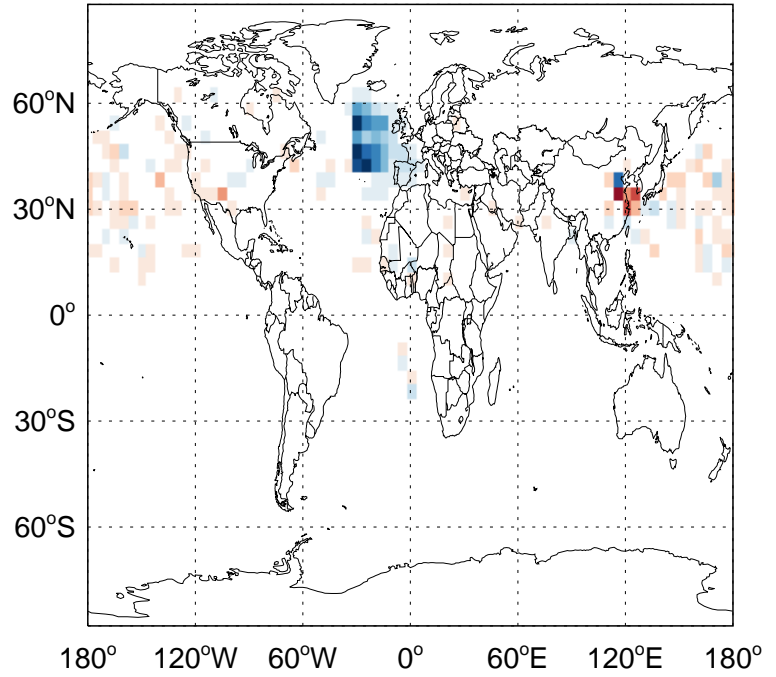
v11-01-public-Run0 - v11-01k-Run0

JBrO - J-Value Diff @ surface for Jan



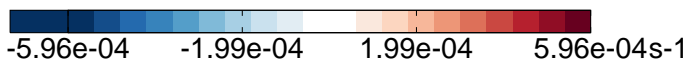
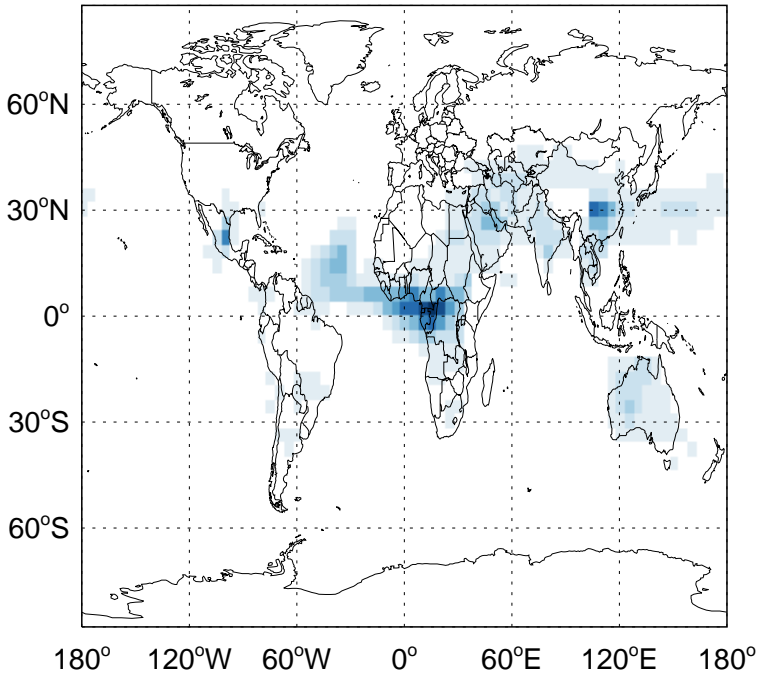
v11-01-public-Run0 - v11-01k-Run0

JBrO - J-Value Diff @ 500 hPa for Jan



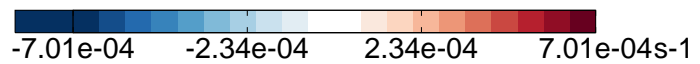
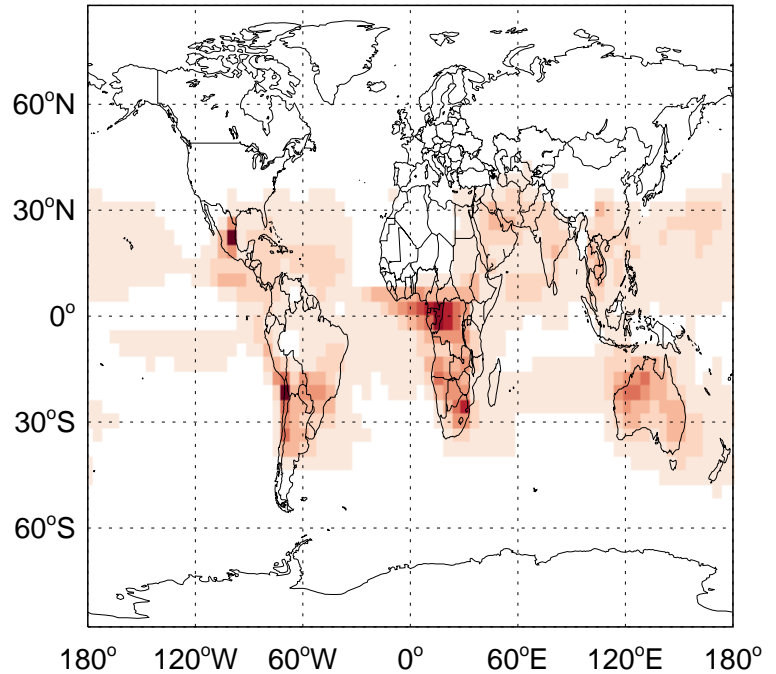
v11-01-public-Run0 - v11-01g-Run0

JBrO - J-Value Diff @ surface for Jan



v11-01-public-Run0 - v11-01g-Run0

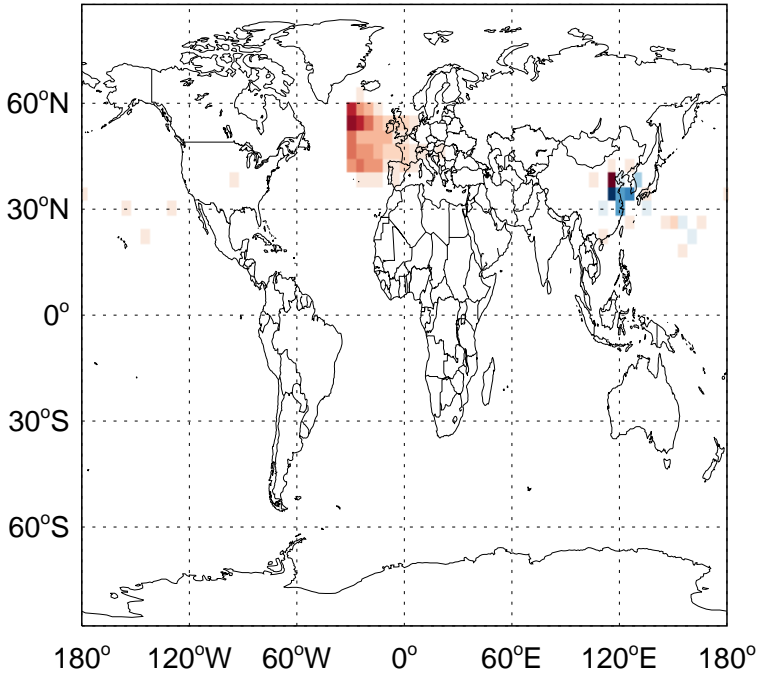
JBrO - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

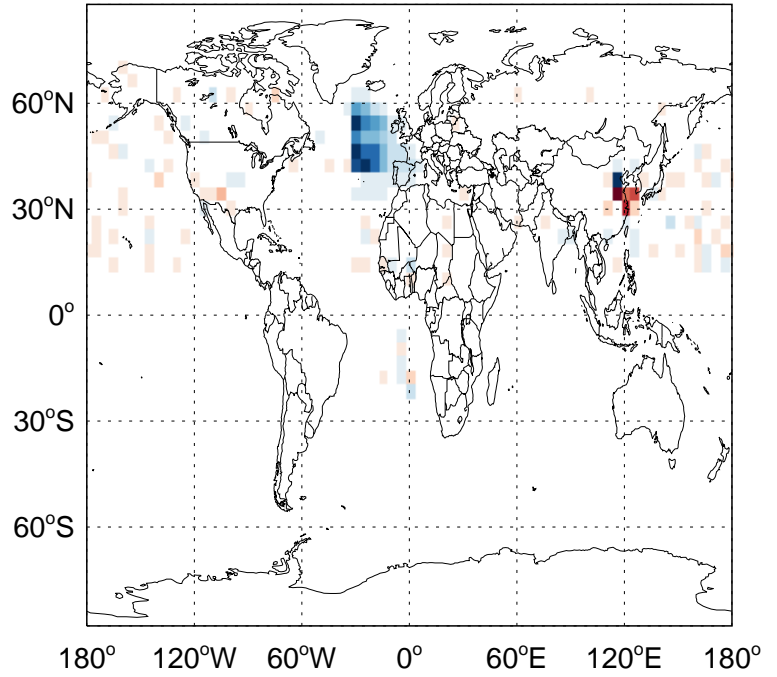
v11-01-public-Run0 - v11-01k-Run0

JHOBr - J-Value Diff @ surface for Jan



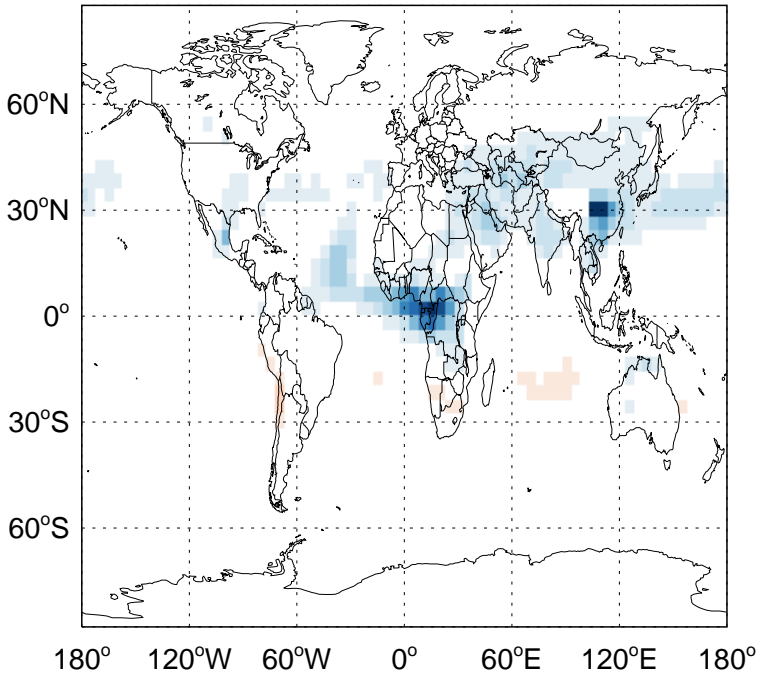
v11-01-public-Run0 - v11-01k-Run0

JHOBr - J-Value Diff @ 500 hPa for Jan



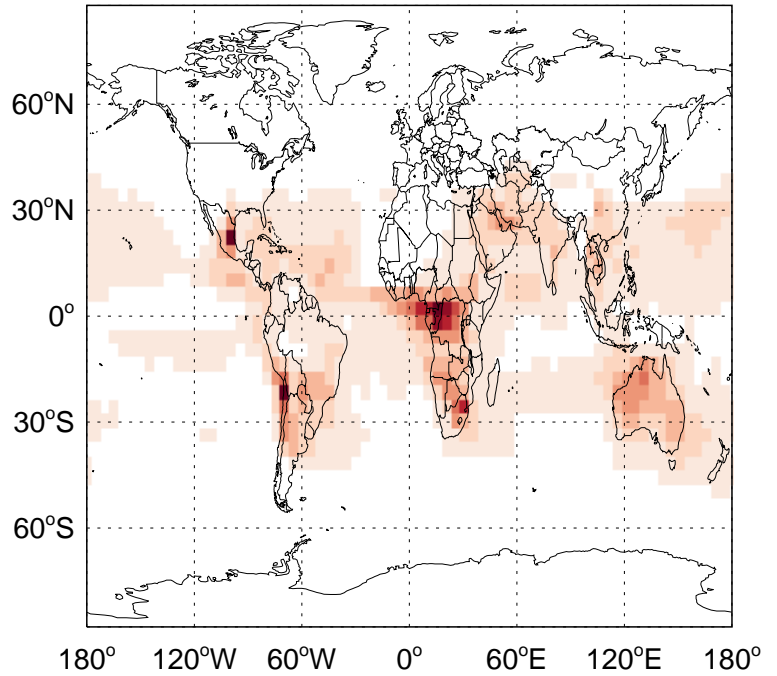
v11-01-public-Run0 - v11-01g-Run0

JHOBr - J-Value Diff @ surface for Jan



v11-01-public-Run0 - v11-01g-Run0

JHOBr - J-Value Diff @ 500 hPa for Jan



-5.42e-07 -1.81e-07 1.81e-07 5.42e-07s-1

-3.70e-07 -1.23e-07 1.23e-07 3.70e-07s-1

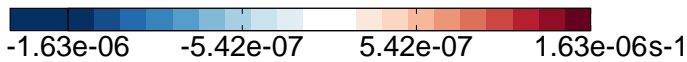
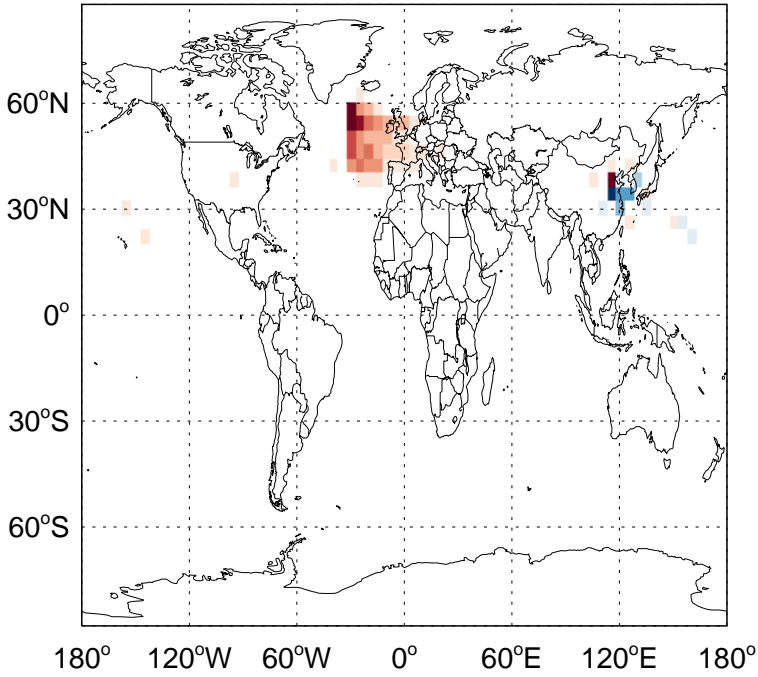
-2.46e-05 -8.19e-06 8.19e-06 2.46e-05s-1

-3.89e-05 -1.30e-05 1.30e-05 3.89e-05s-1

GEOS-Chem J-Values at surface and 500 hPa

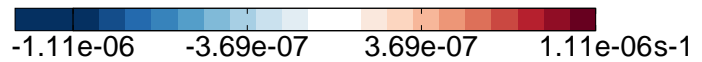
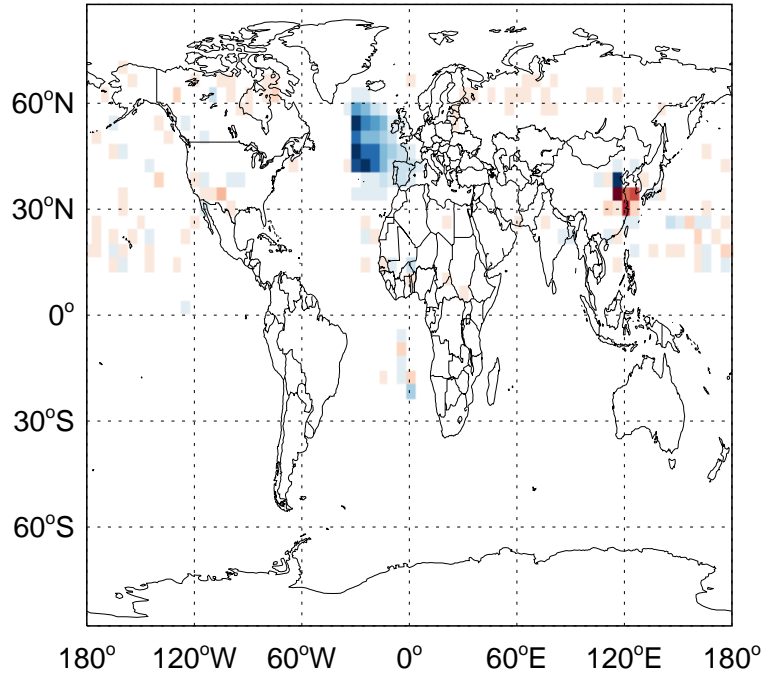
v11-01-public-Run0 - v11-01k-Run0

JBrNO2 - J-Value Diff @ surface for Jan



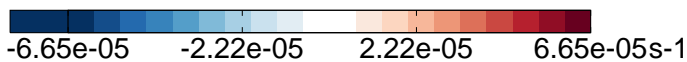
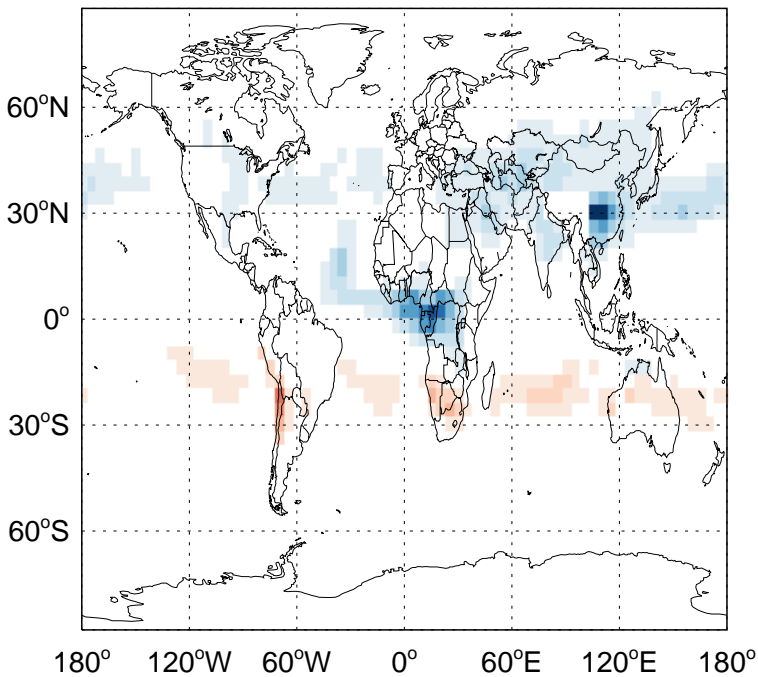
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JBrNO2 - J-Value Diff @ 500 hPa for Jan



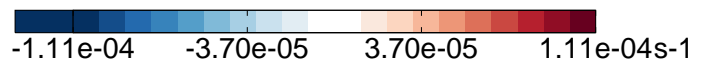
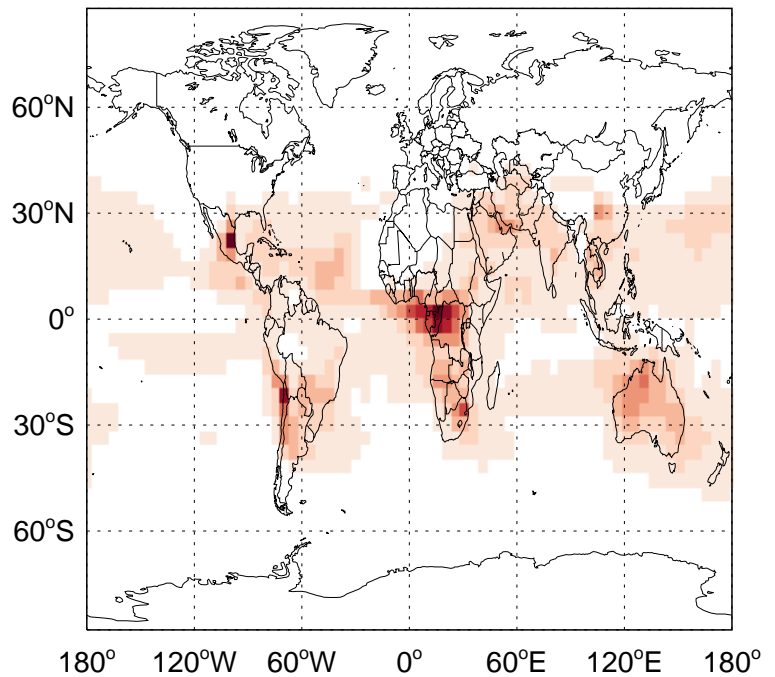
v11-01-public-Run0 - v11-01g-Run0

JBrNO2 - J-Value Diff @ surface for Jan



v11-01-public-Run0 - v11-01g-Run0

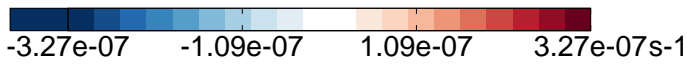
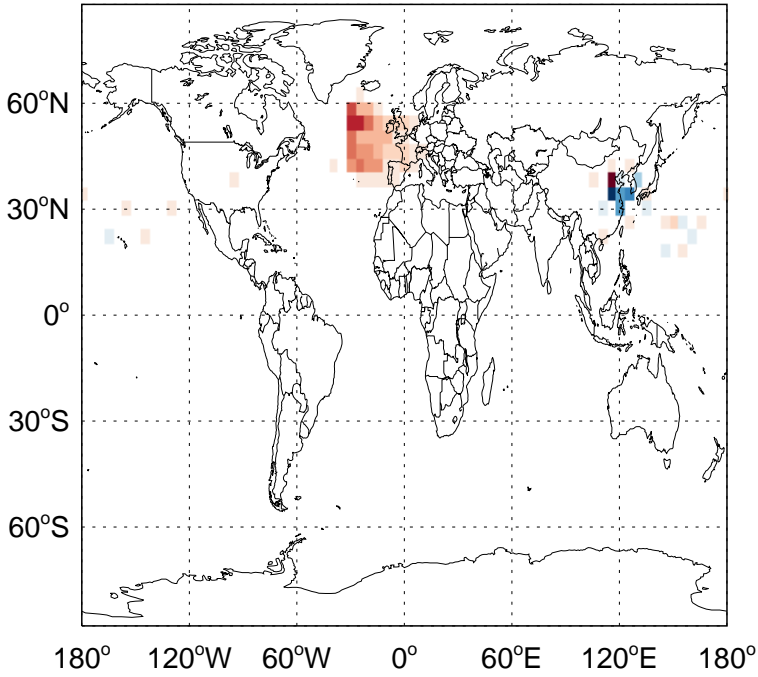
JBrNO2 - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

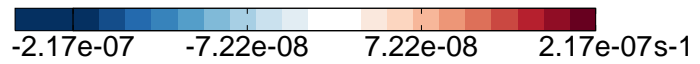
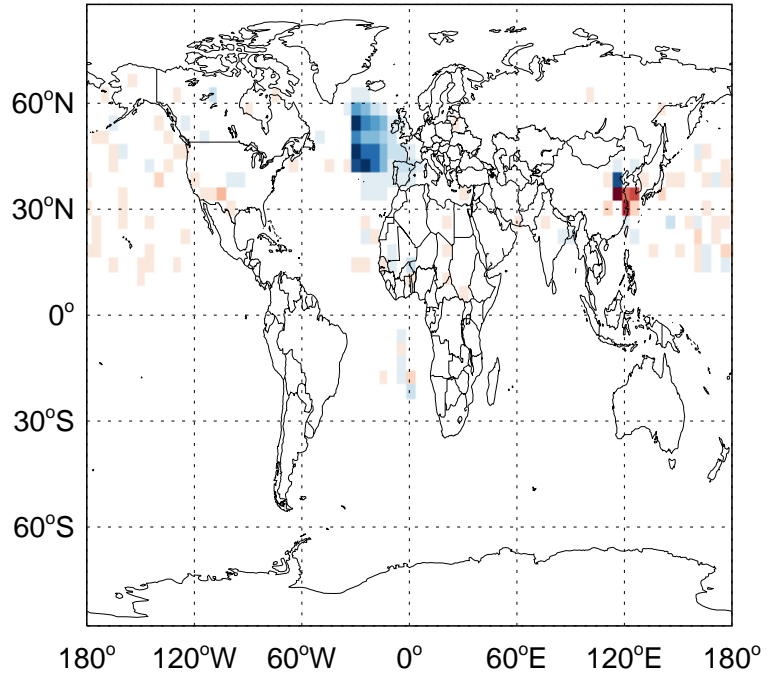
v11-01-public-Run0 - v11-01k-Run0

JBrNO3 - J-Value Diff @ surface for Jan



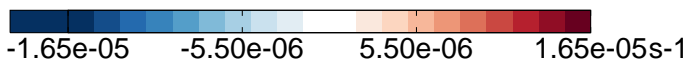
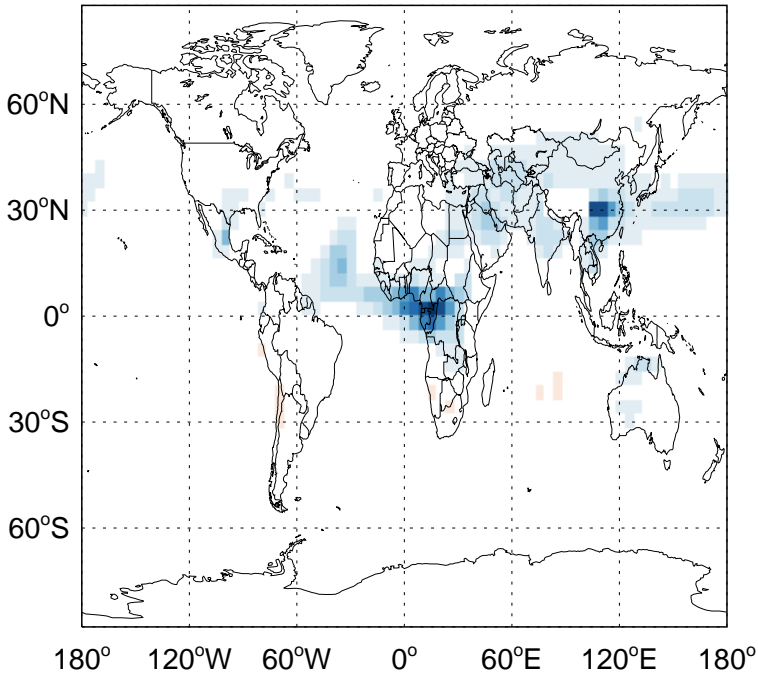
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JBrNO3 - J-Value Diff @ 500 hPa for Jan



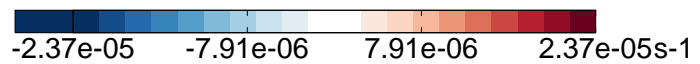
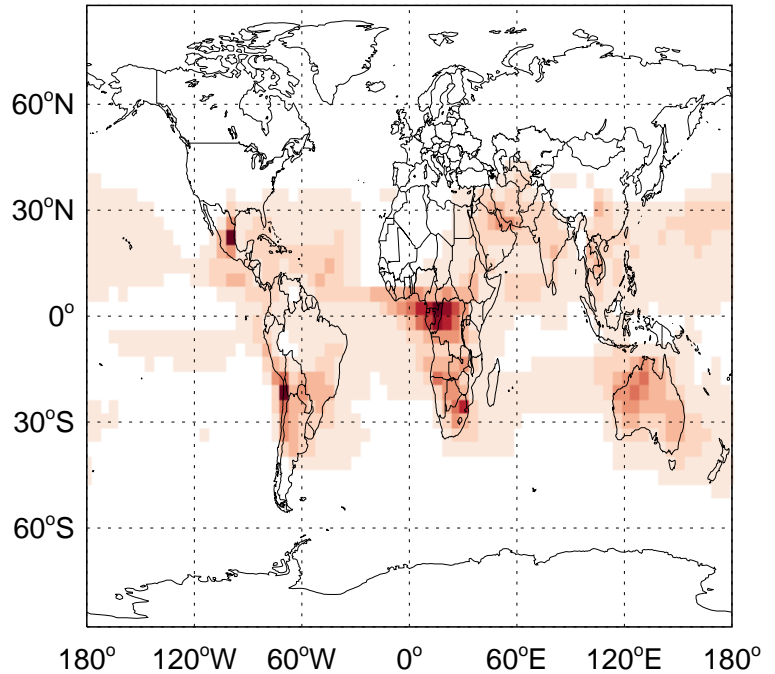
v11-01-public-Run0 - v11-01g-Run0

JBrNO3 - J-Value Diff @ surface for Jan



v11-01-public-Run0 - v11-01g-Run0

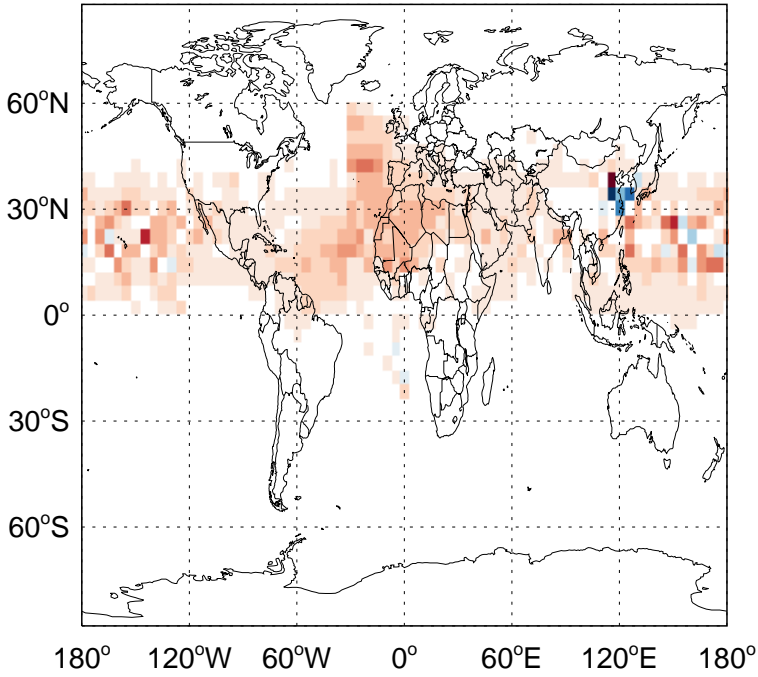
JBrNO3 - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

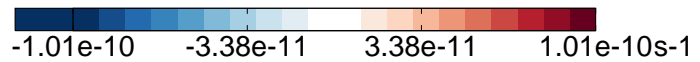
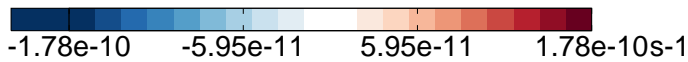
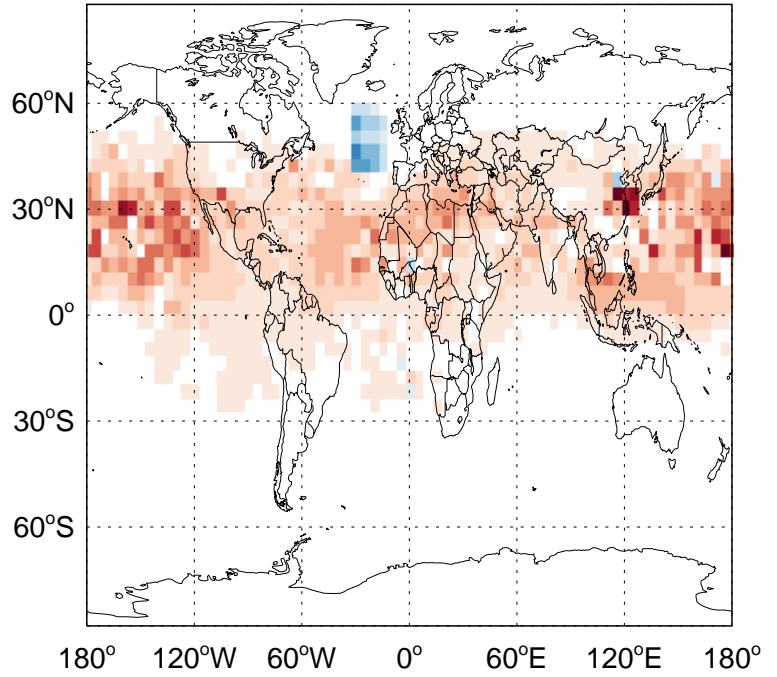
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JCHBr3 - J-Value Diff @ surface for Jan



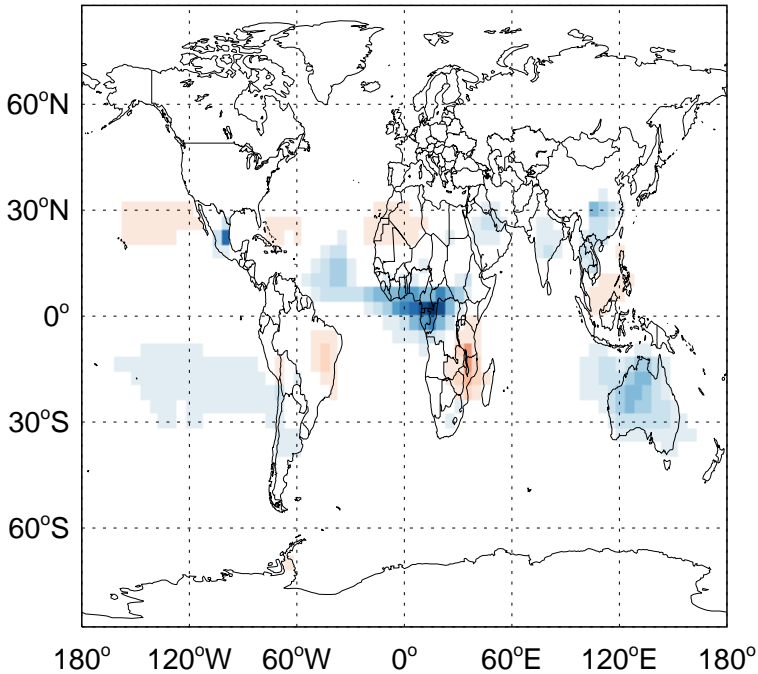
v11-01-public-Run0 - v11-01k-Run0

JCHBr3 - J-Value Diff @ 500 hPa for Jan



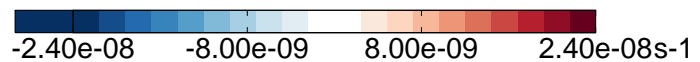
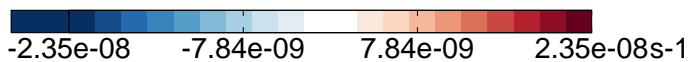
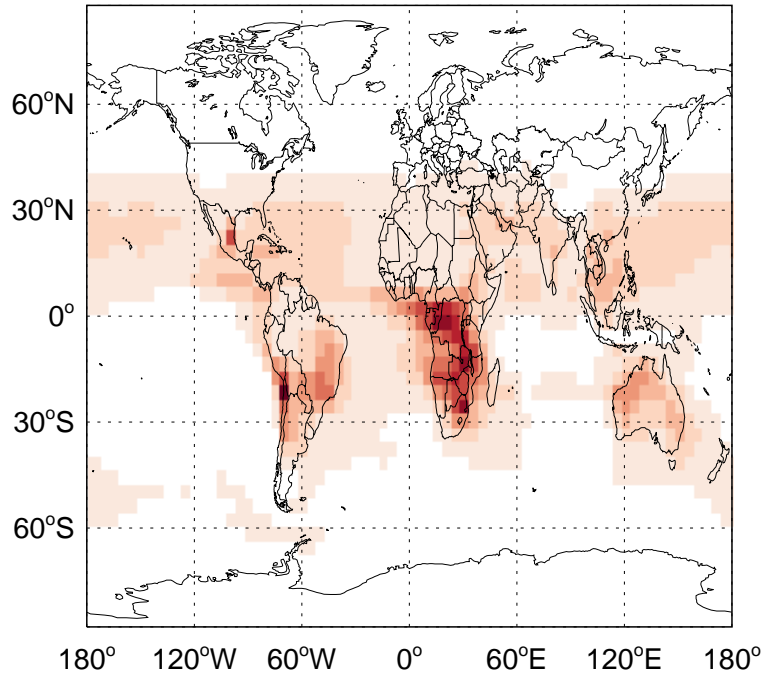
v11-01-public-Run0 - v11-01g-Run0

JCHBr3 - J-Value Diff @ surface for Jan



v11-01-public-Run0 - v11-01g-Run0

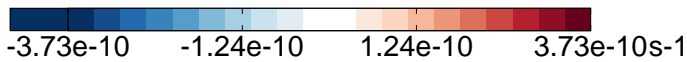
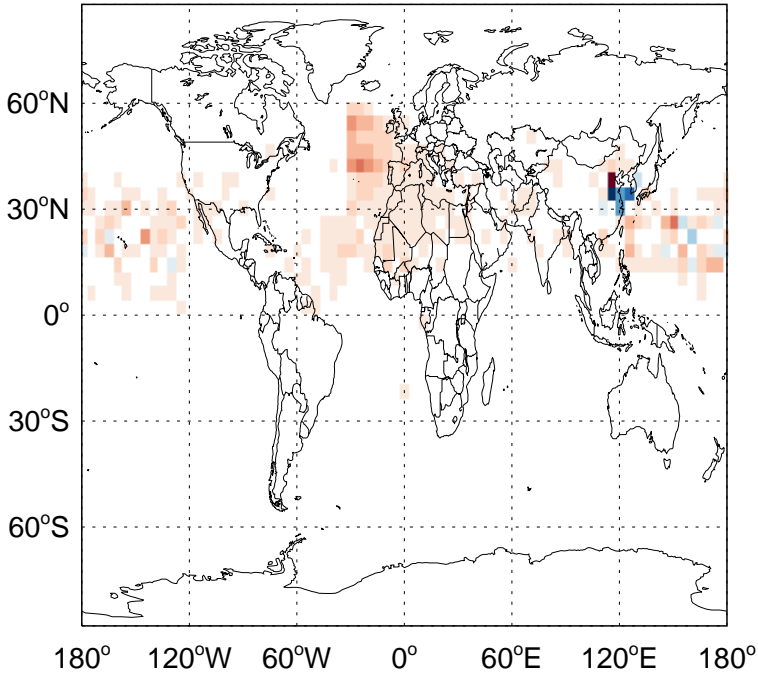
JCHBr3 - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

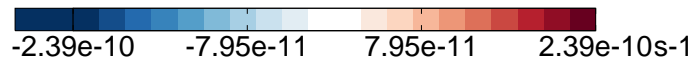
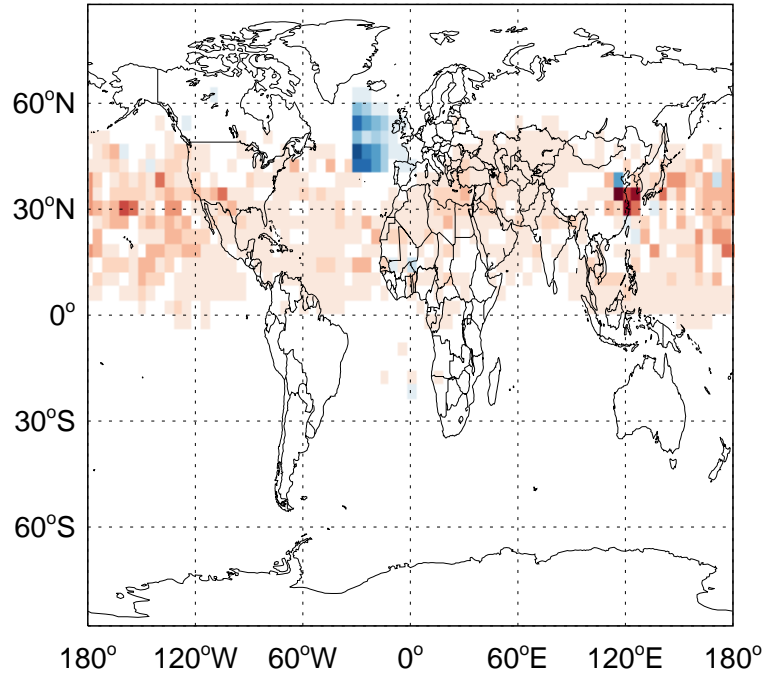
v11-01-public-Run0 - v11-01k-Run0

JHAC - J-Value Diff @ surface for Jan



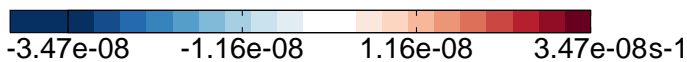
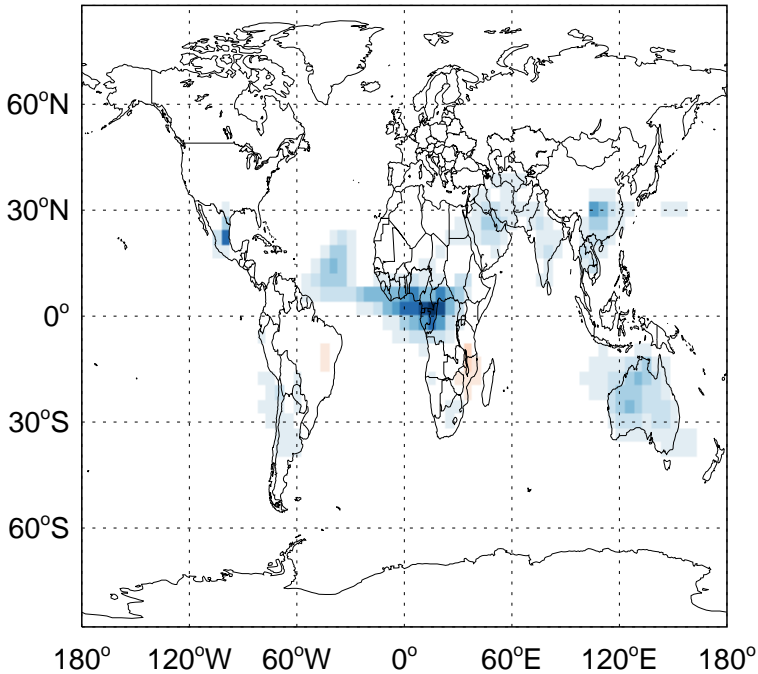
v11-01-public-Run0 - v11-01k-Run0

JHAC - J-Value Diff @ 500 hPa for Jan



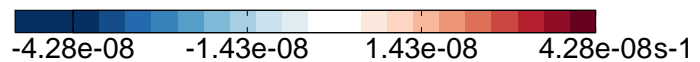
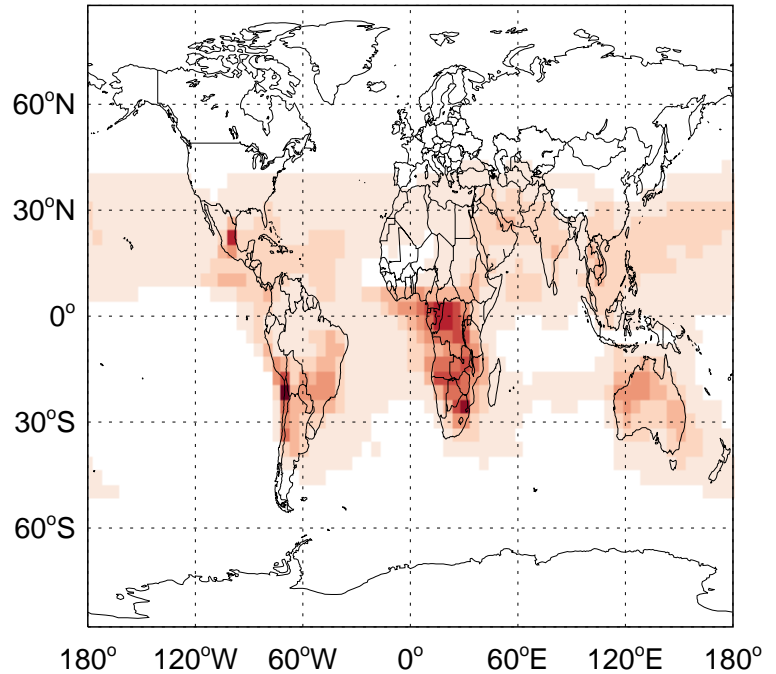
v11-01-public-Run0 - v11-01g-Run0

JHAC - J-Value Diff @ surface for Jan



v11-01-public-Run0 - v11-01g-Run0

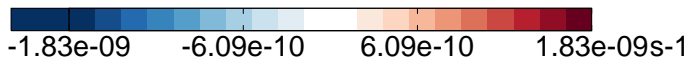
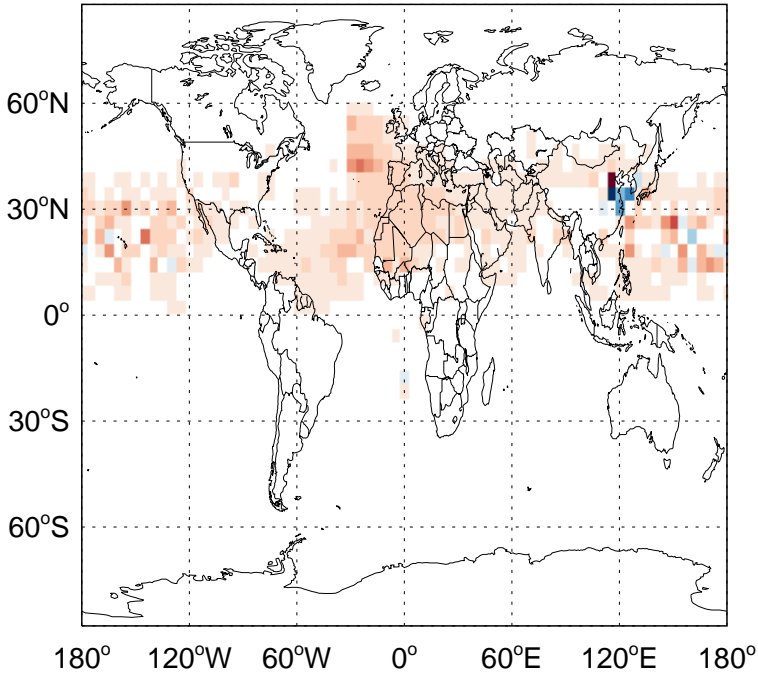
JHAC - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

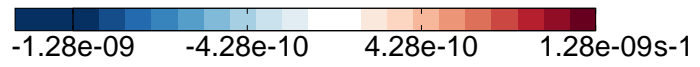
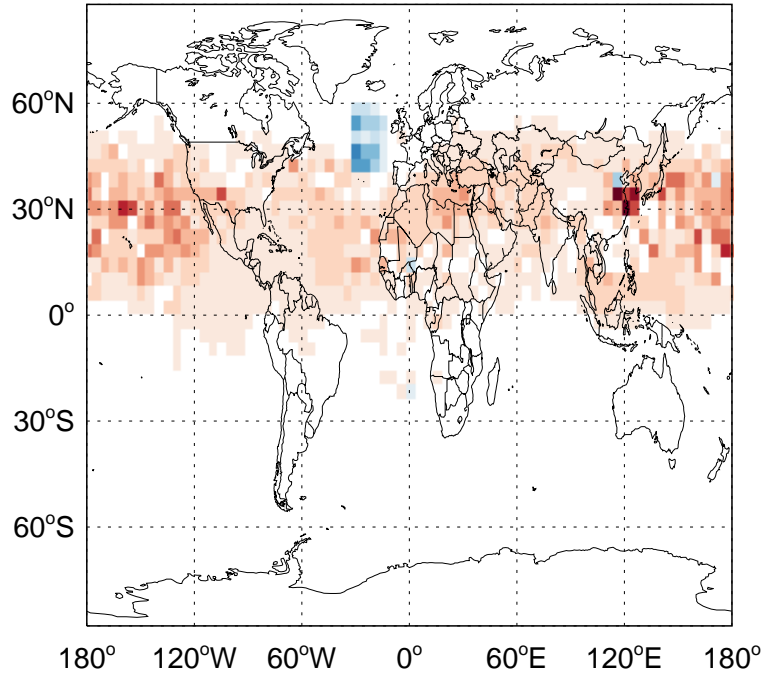
v11-01-public-Run0 - v11-01k-Run0

JGLYC - J-Value Diff @ surface for Jan



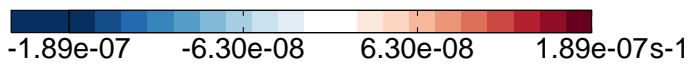
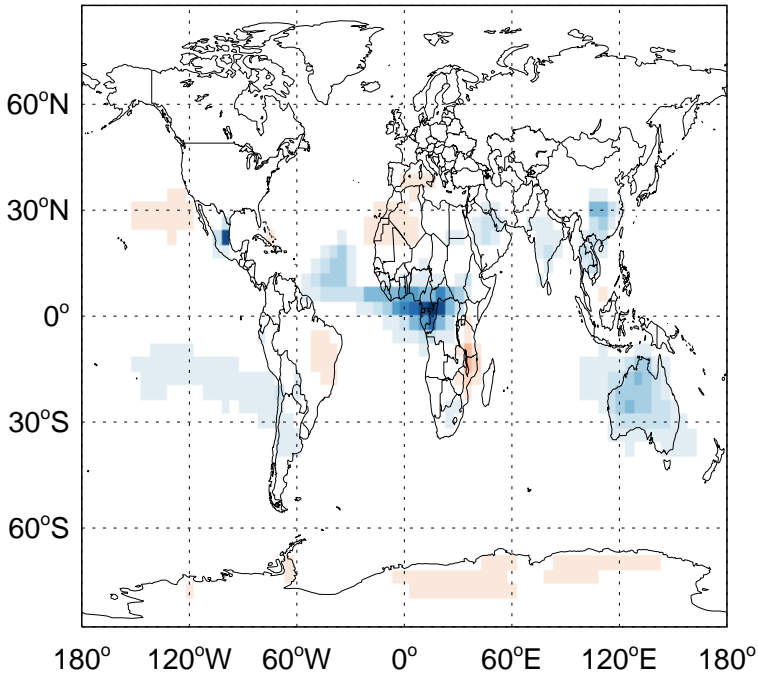
v11-01-public-Run0 - v11-01k-Run0

JGLYC - J-Value Diff @ 500 hPa for Jan



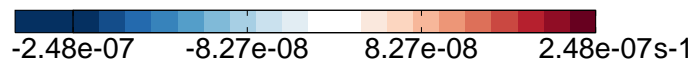
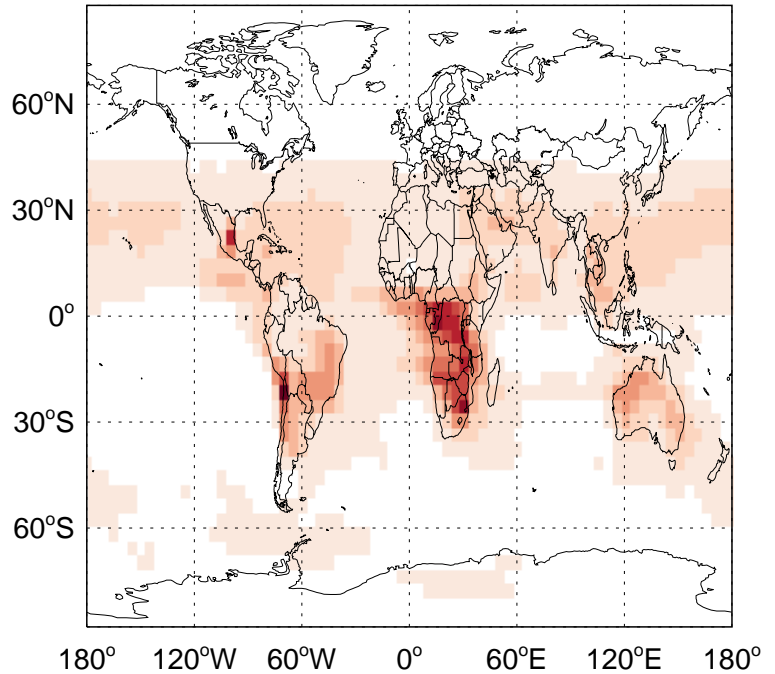
v11-01-public-Run0 - v11-01g-Run0

JGLYC - J-Value Diff @ surface for Jan



v11-01-public-Run0 - v11-01g-Run0

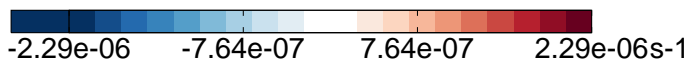
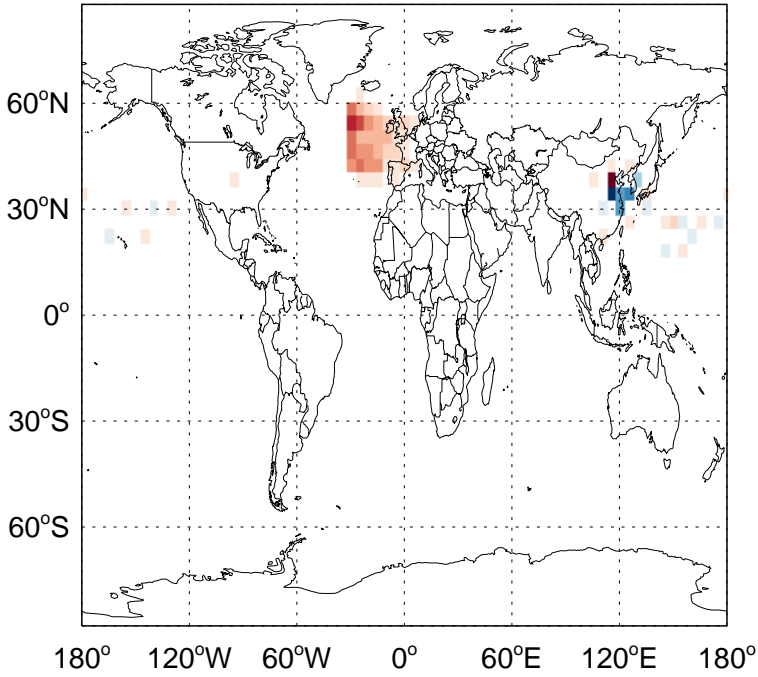
JGLYC - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

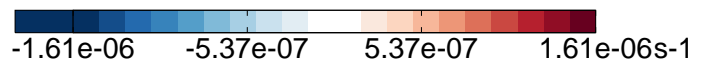
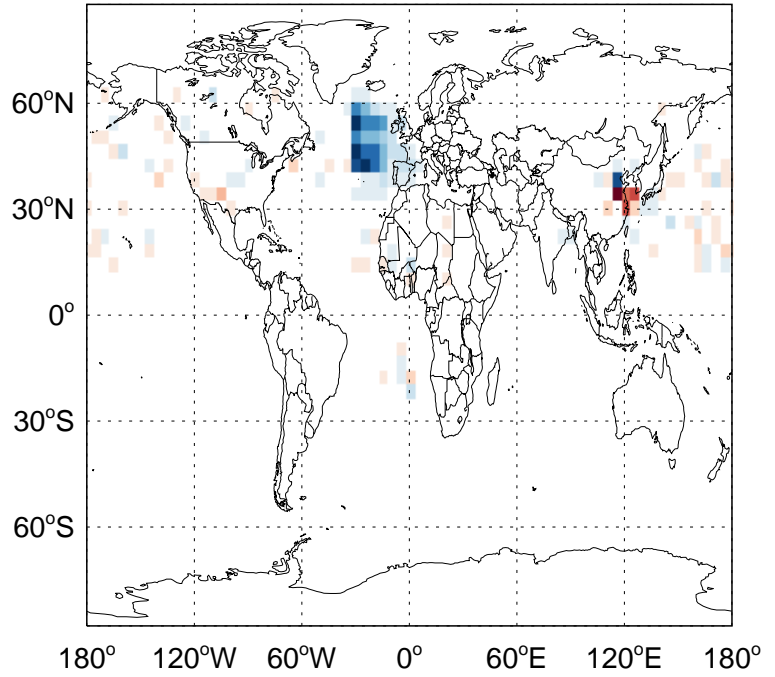
v11-01-public-Run0 - v11-01k-Run0

JNO2 - J-Value Diff @ surface for Jan



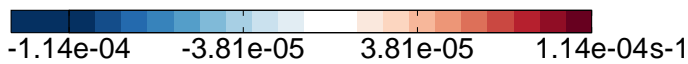
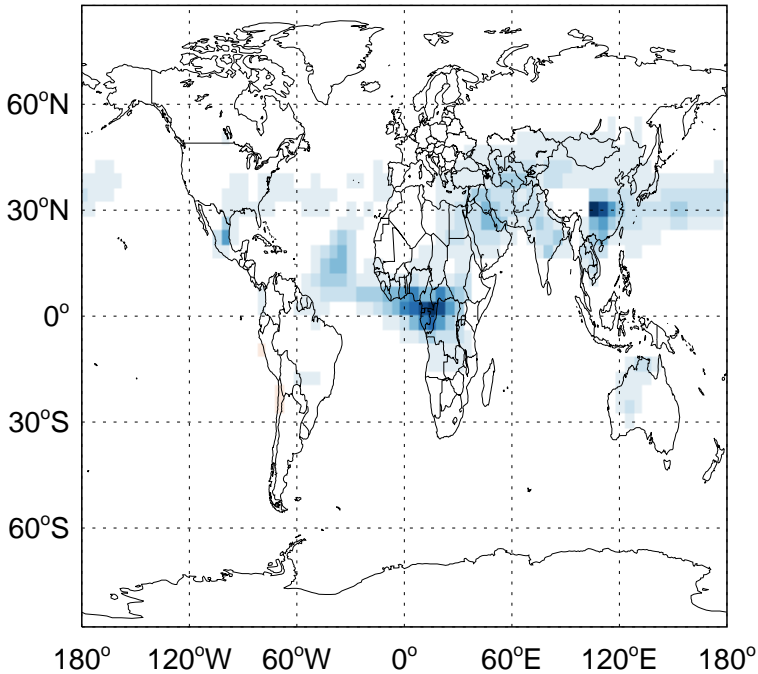
v11-01-public-Run0 - v11-01k-Run0

JNO2 - J-Value Diff @ 500 hPa for Jan



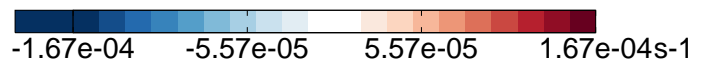
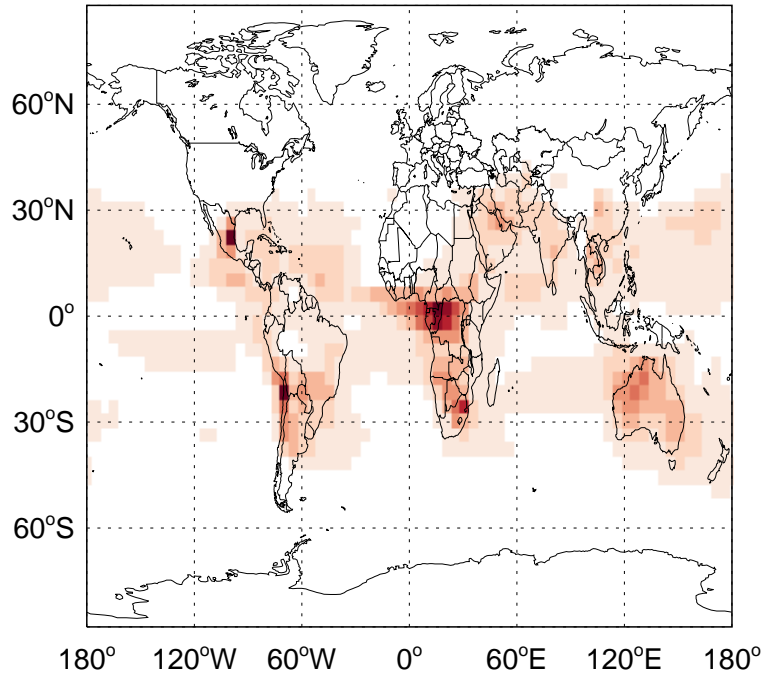
v11-01-public-Run0 - v11-01g-Run0

JNO2 - J-Value Diff @ surface for Jan



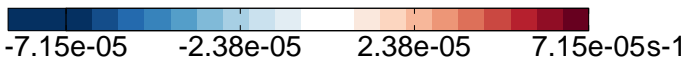
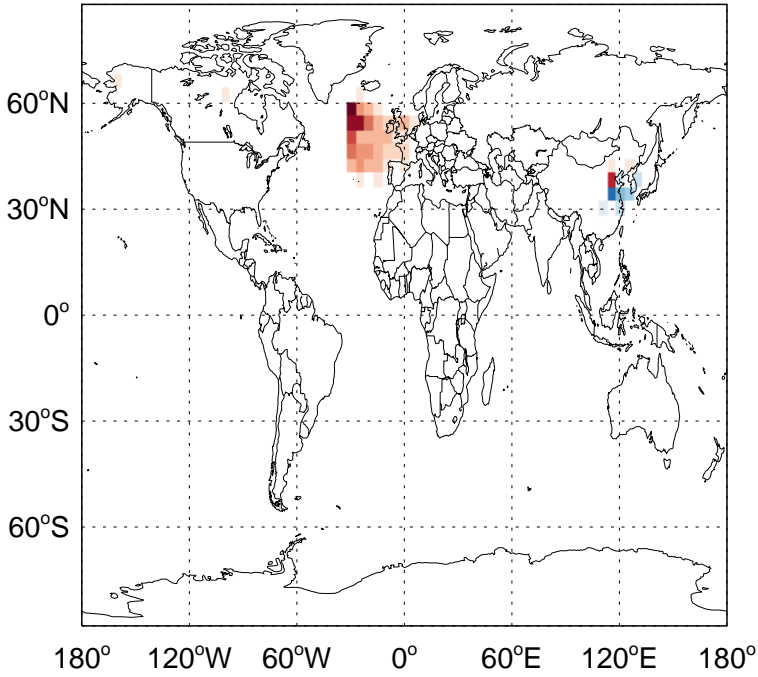
v11-01-public-Run0 - v11-01g-Run0

JNO2 - J-Value Diff @ 500 hPa for Jan

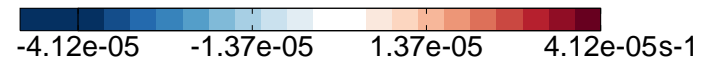
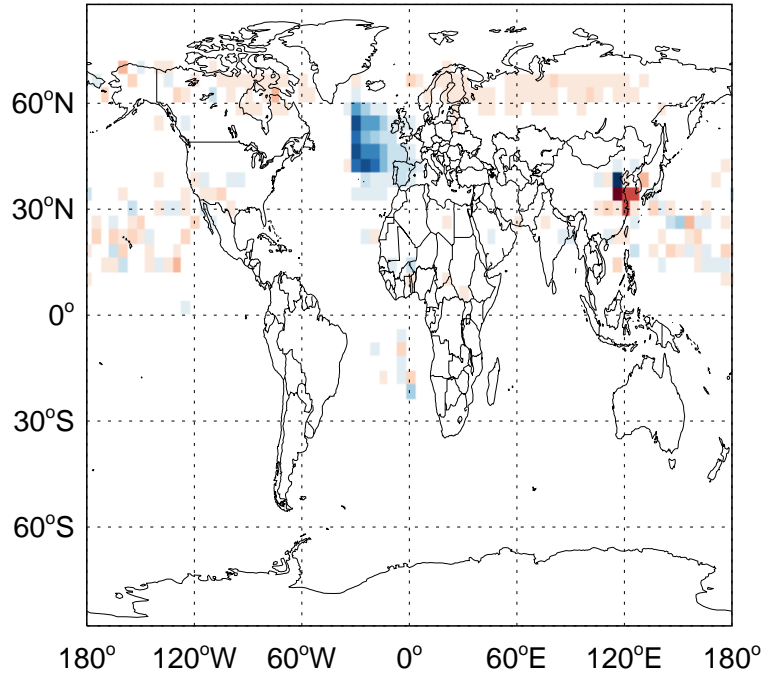


GEOS-Chem J-Values at surface and 500 hPa

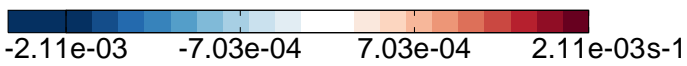
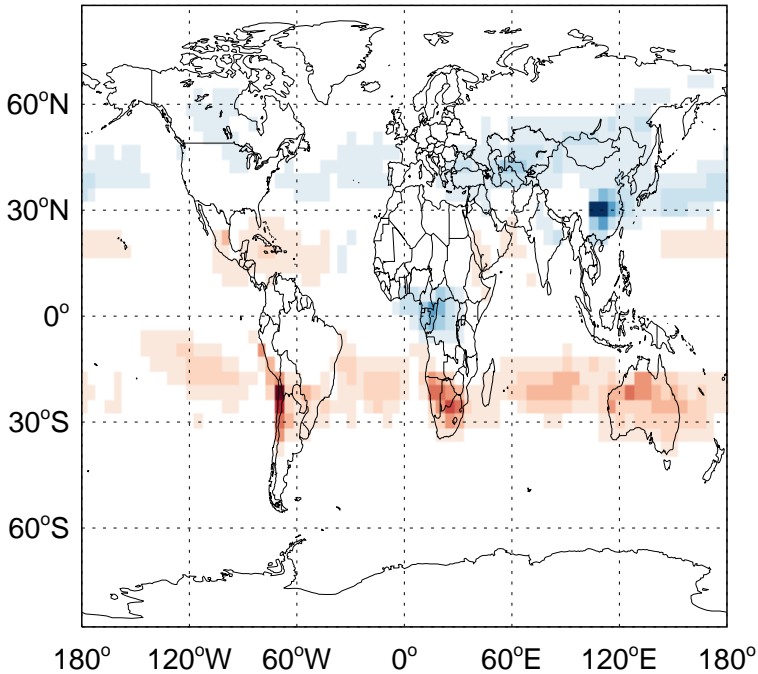
v11-01-public-Run0 - v11-01k-Run0
JNO3 - J-Value Diff @ surface for Jan



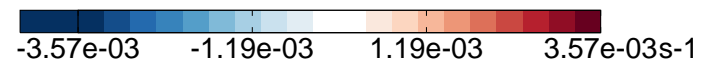
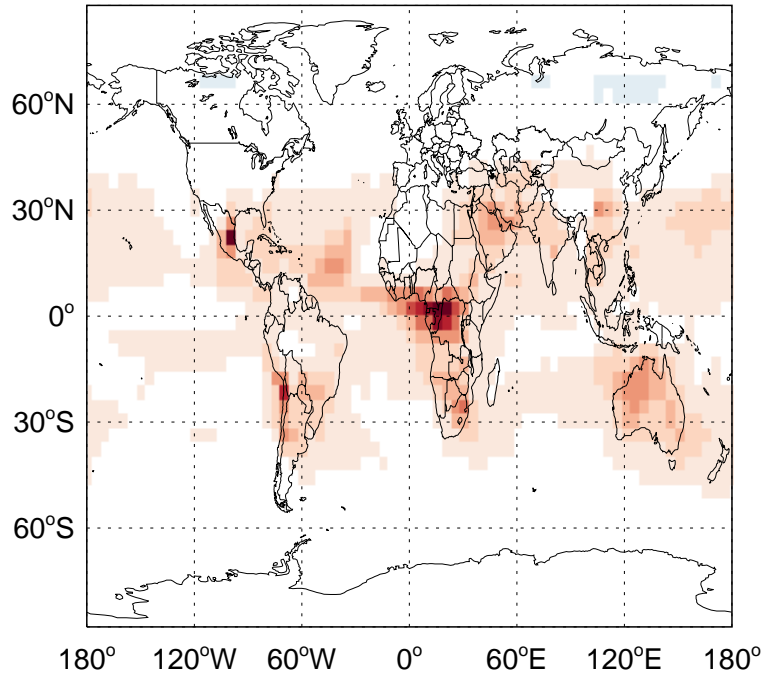
v11-01-public-Run0 - v11-01k-Run0
JNO3 - J-Value Diff @ 500 hPa for Jan



v11-01-public-Run0 - v11-01g-Run0
JNO3 - J-Value Diff @ surface for Jan

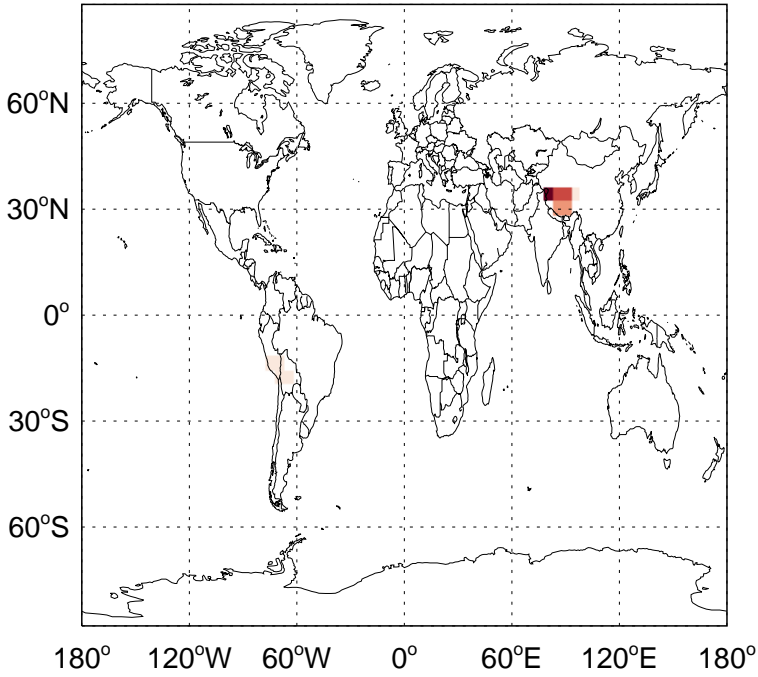


v11-01-public-Run0 - v11-01g-Run0
JNO3 - J-Value Diff @ 500 hPa for Jan

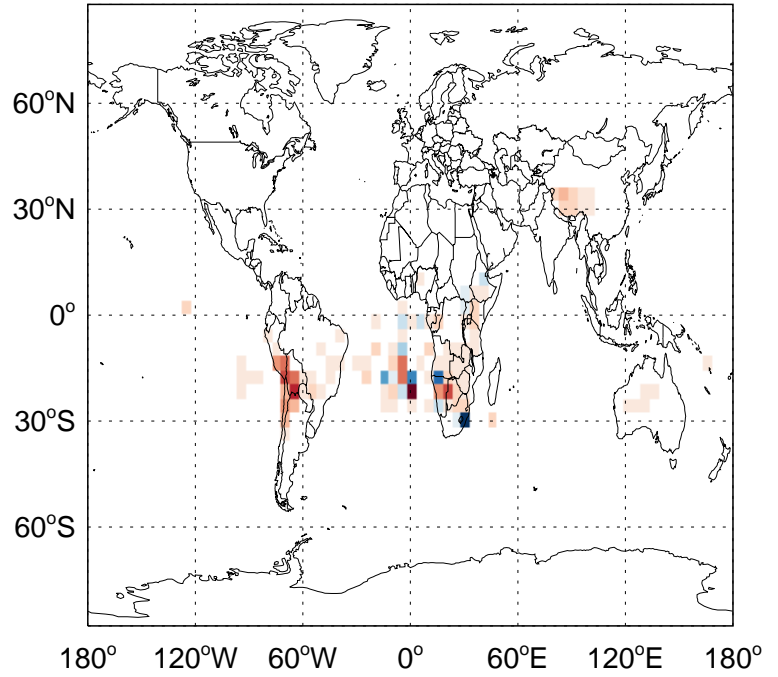


GEOS-Chem J-Values at surface and 500 hPa

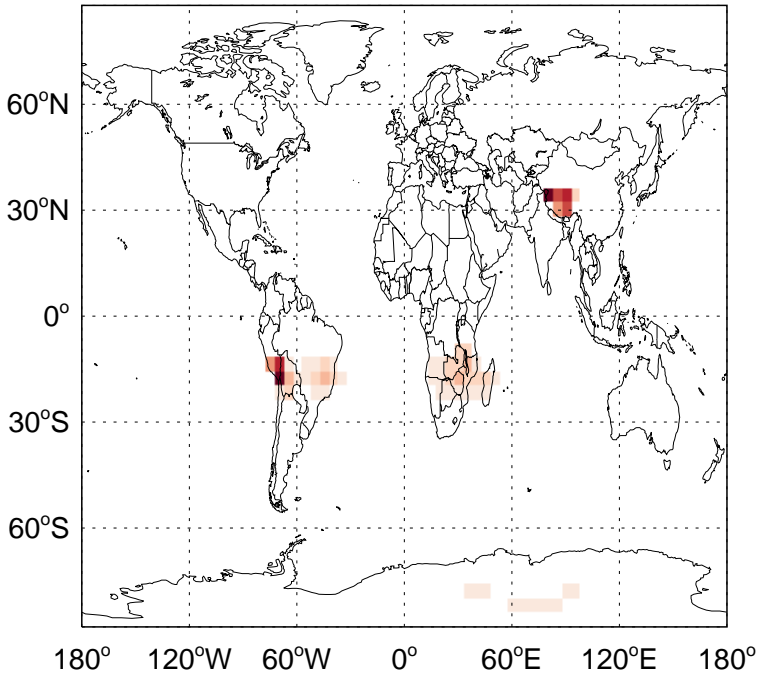
v11-01-public-Run0 - v11-01k-Run0
JN2O - J-Value Diff @ surface for Jan



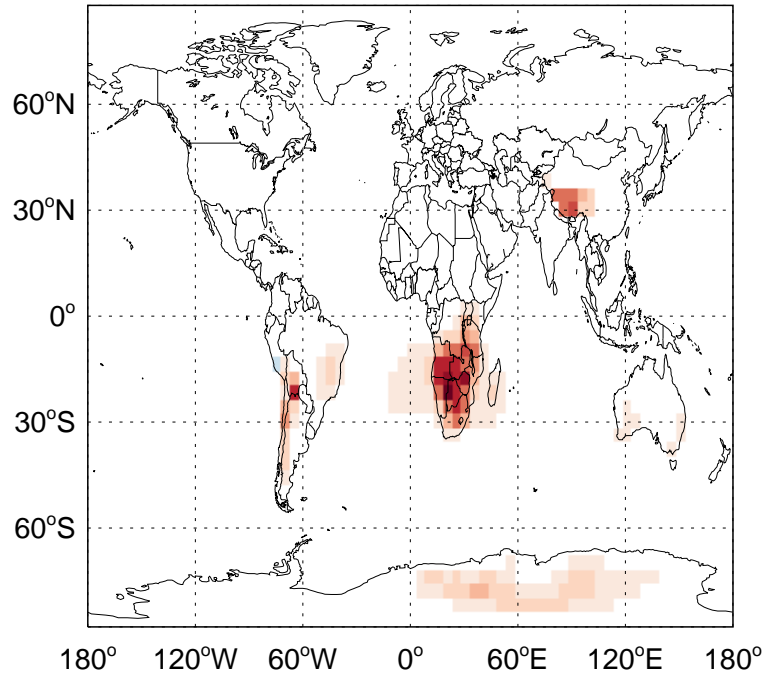
v11-01-public-Run0 - v11-01k-Run0
JN2O - J-Value Diff @ 500 hPa for Jan



v11-01-public-Run0 - v11-01g-Run0
JN2O - J-Value Diff @ surface for Jan



v11-01-public-Run0 - v11-01g-Run0
JN2O - J-Value Diff @ 500 hPa for Jan



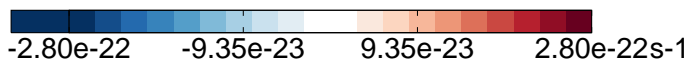
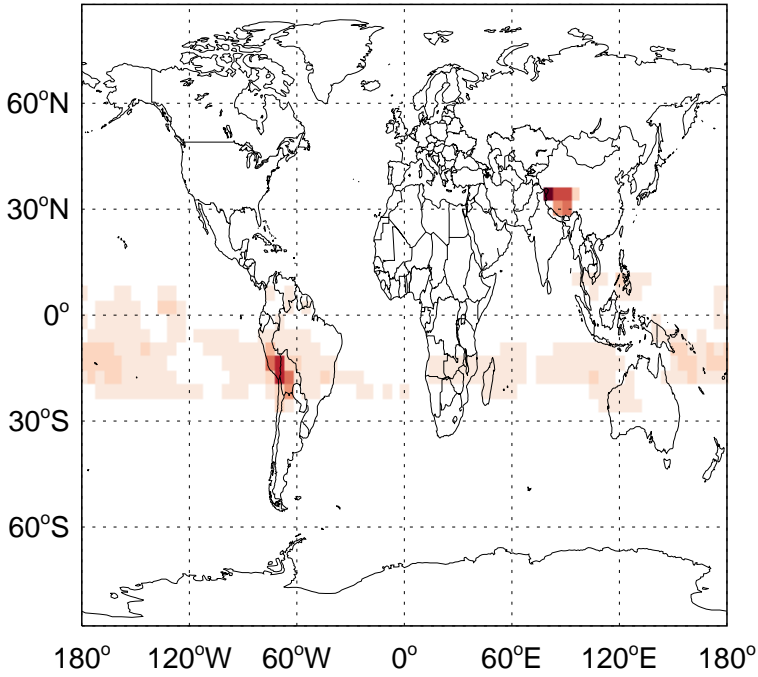
-7.22e-22 -2.41e-22 2.41e-22 7.22e-22s-1

-1.27e-18 -4.23e-19 4.23e-19 1.27e-18s-1

GEOS-Chem J-Values at surface and 500 hPa

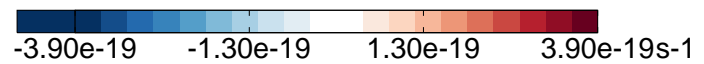
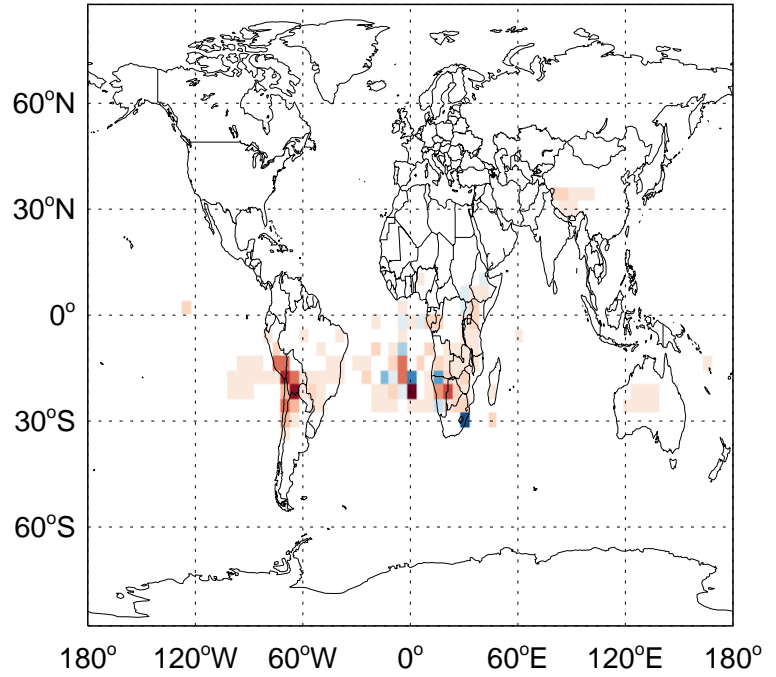
v11-01-public-Run0 - v11-01k-Run0

JCCI4 - J-Value Diff @ surface for Jan



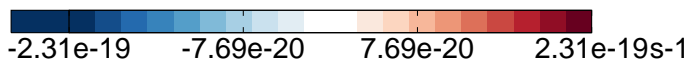
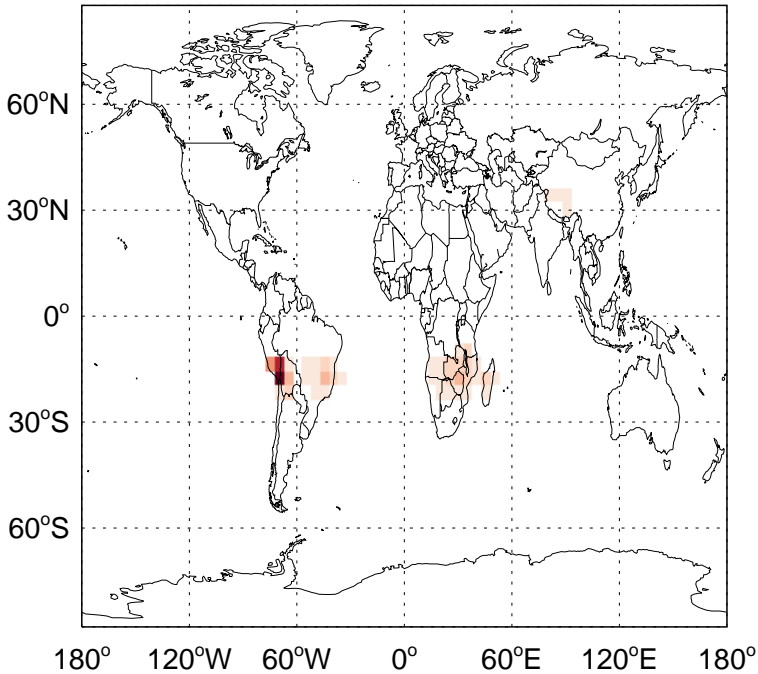
v11-01-public-Run0 - v11-01k-Run0

JCCI4 - J-Value Diff @ 500 hPa for Jan



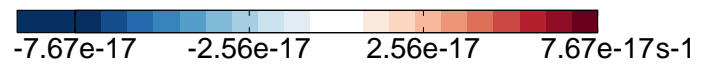
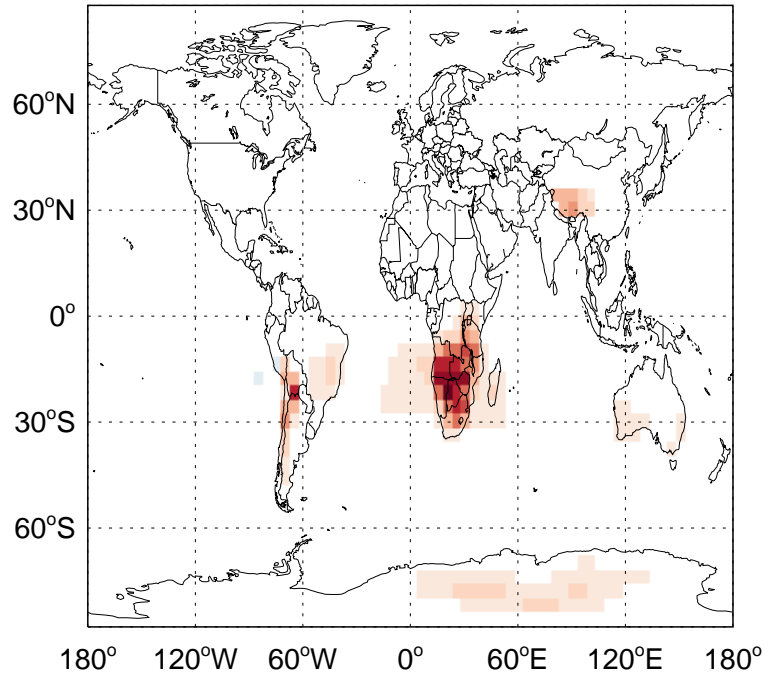
v11-01-public-Run0 - v11-01g-Run0

JCCI4 - J-Value Diff @ surface for Jan



v11-01-public-Run0 - v11-01g-Run0

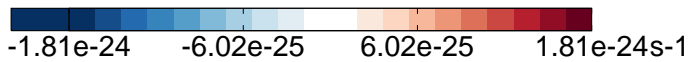
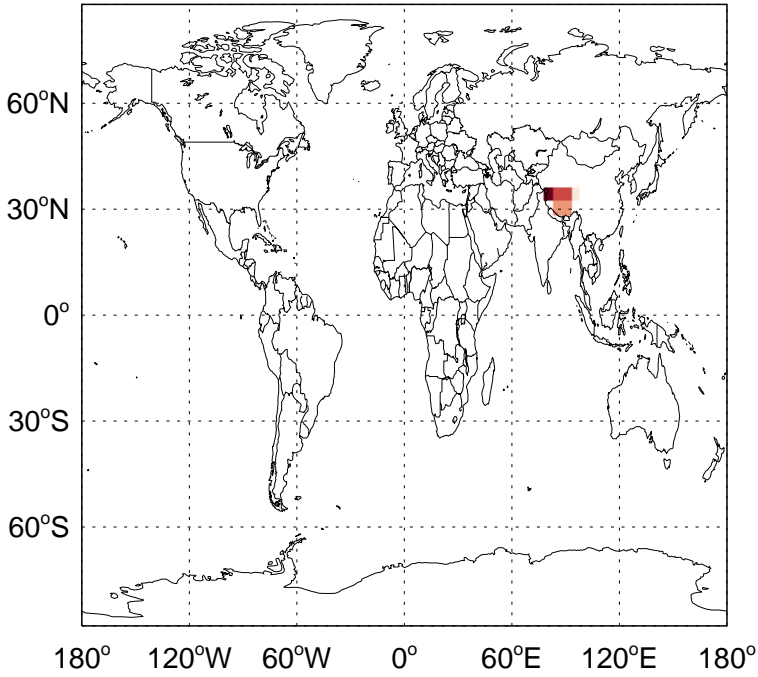
JCCI4 - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

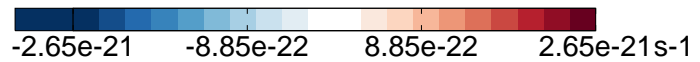
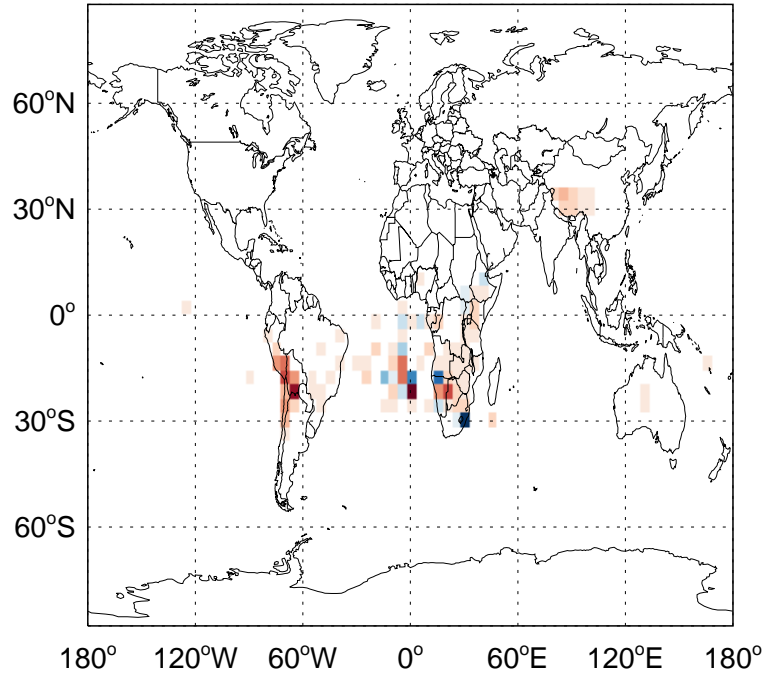
v11-01-public-Run0 - v11-01k-Run0

JCH3Cl - J-Value Diff @ surface for Jan



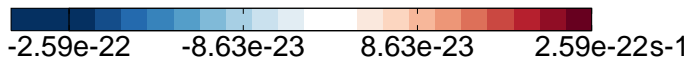
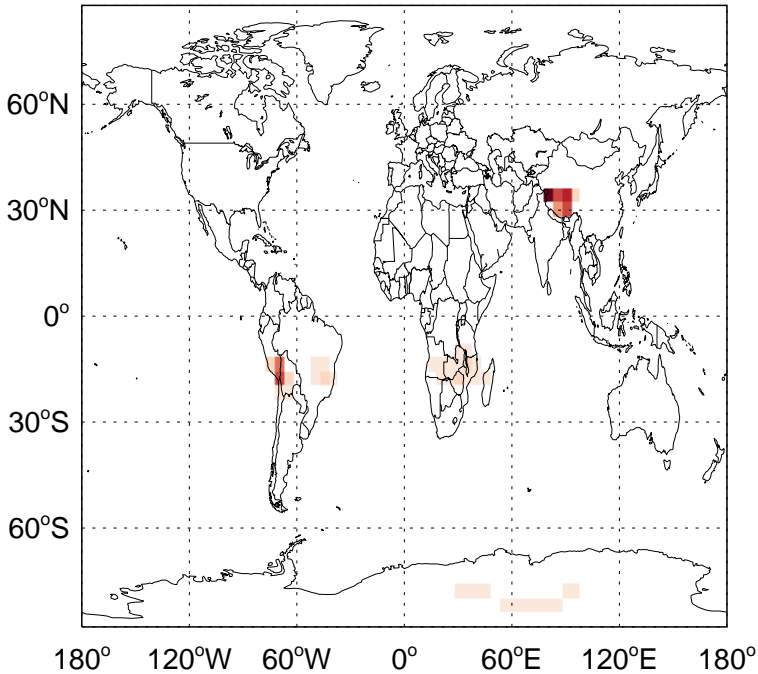
v11-01-public-Run0 - v11-01k-Run0

JCH3Cl - J-Value Diff @ 500 hPa for Jan



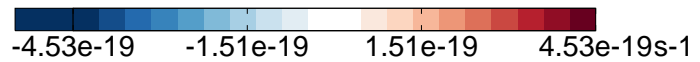
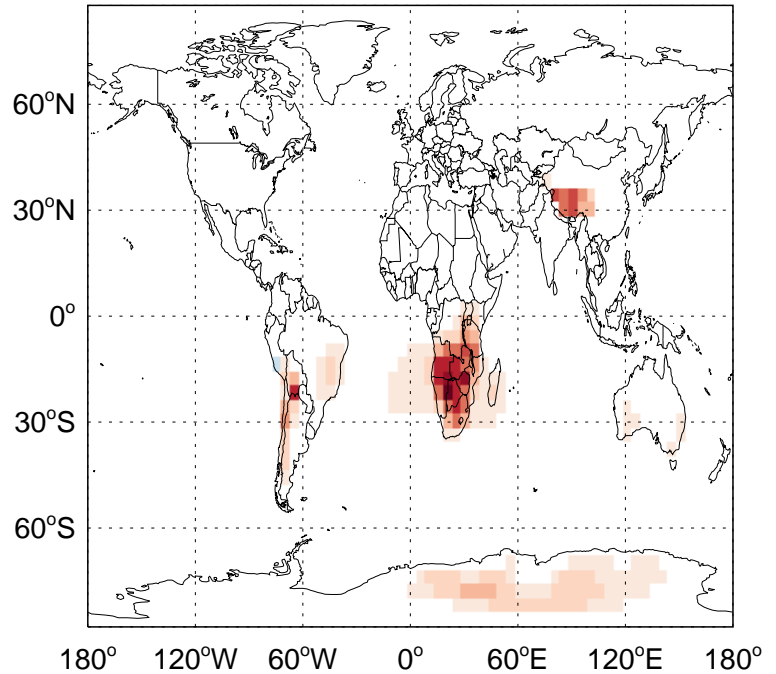
v11-01-public-Run0 - v11-01g-Run0

JCH3Cl - J-Value Diff @ surface for Jan



v11-01-public-Run0 - v11-01g-Run0

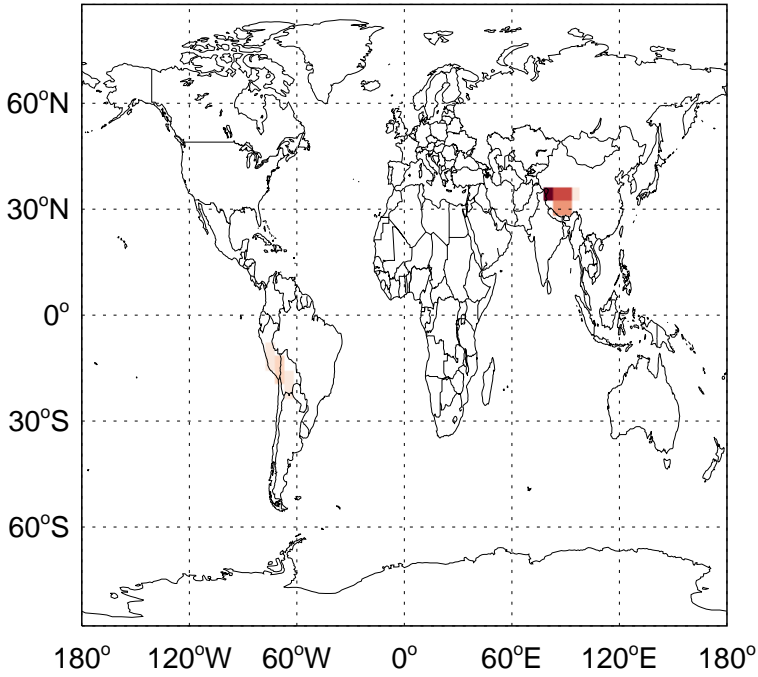
JCH3Cl - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

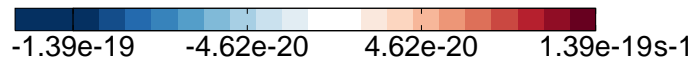
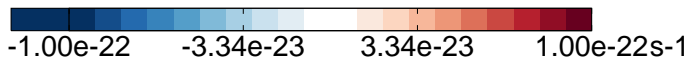
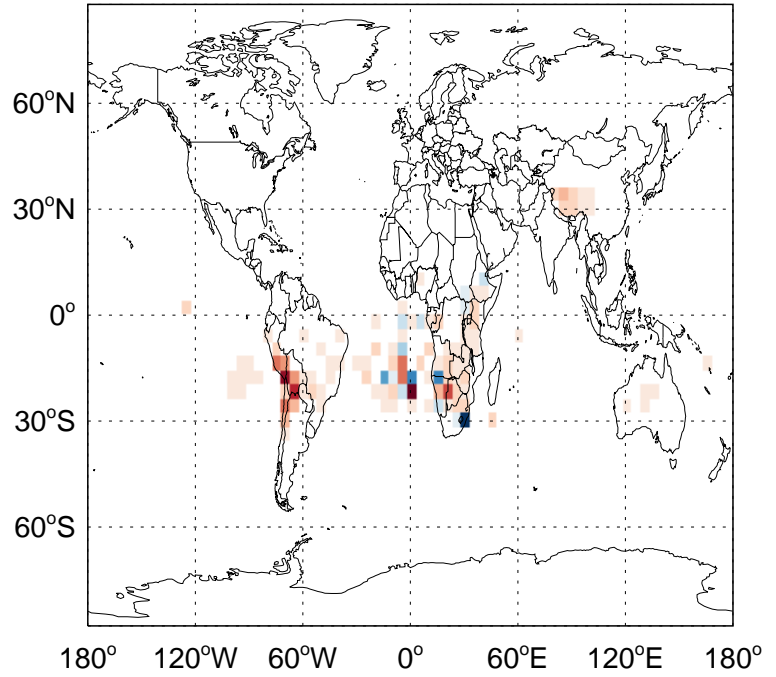
v11-01-public-Run0 - v11-01k-Run0

JCFC11 - J-Value Diff @ surface for Jan



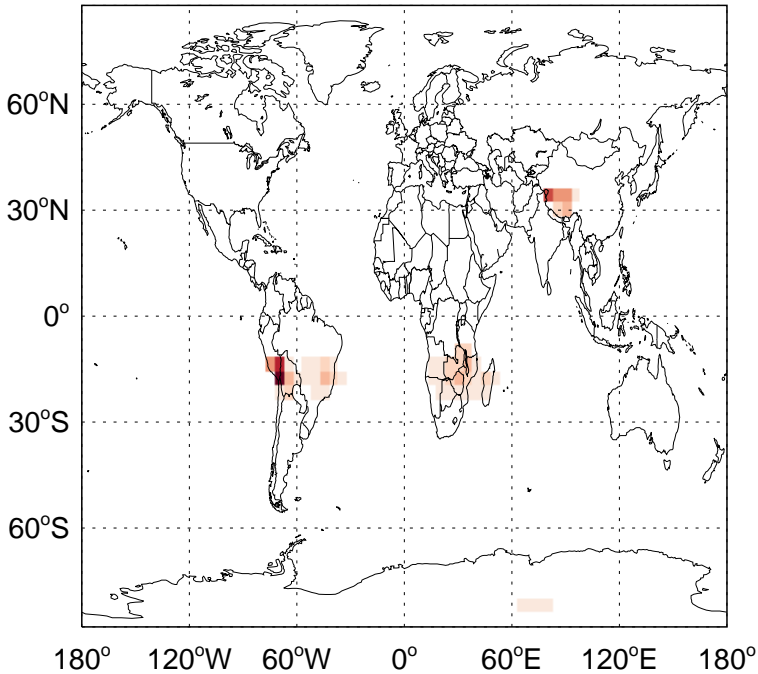
v11-01-public-Run0 - v11-01k-Run0

JCFC11 - J-Value Diff @ 500 hPa for Jan



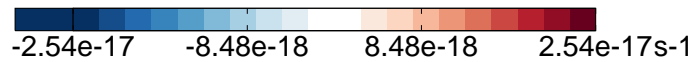
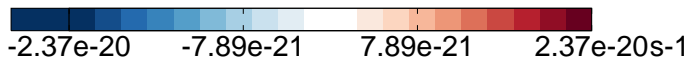
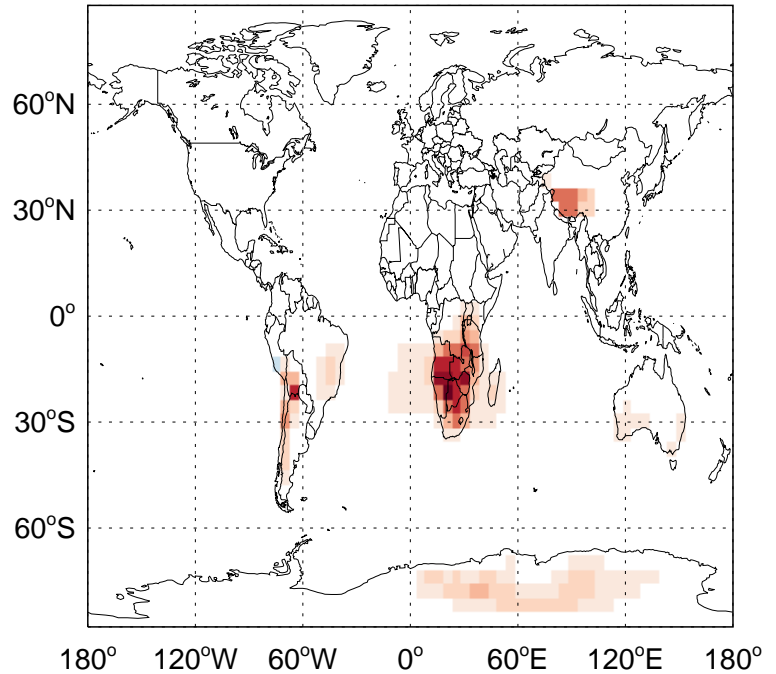
v11-01-public-Run0 - v11-01g-Run0

JCFC11 - J-Value Diff @ surface for Jan



v11-01-public-Run0 - v11-01g-Run0

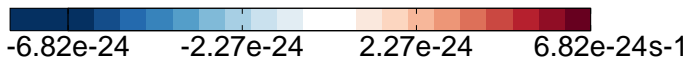
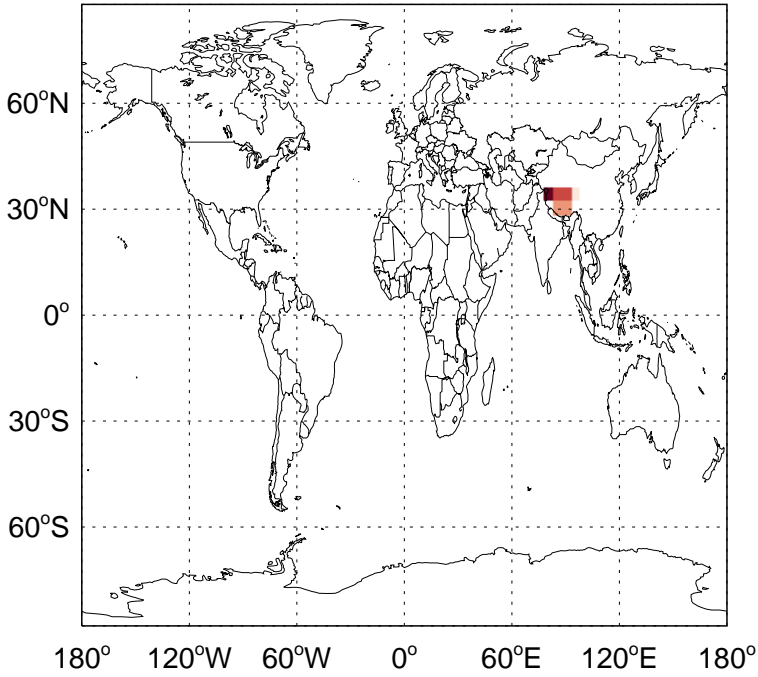
JCFC11 - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

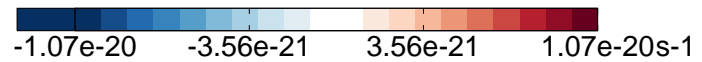
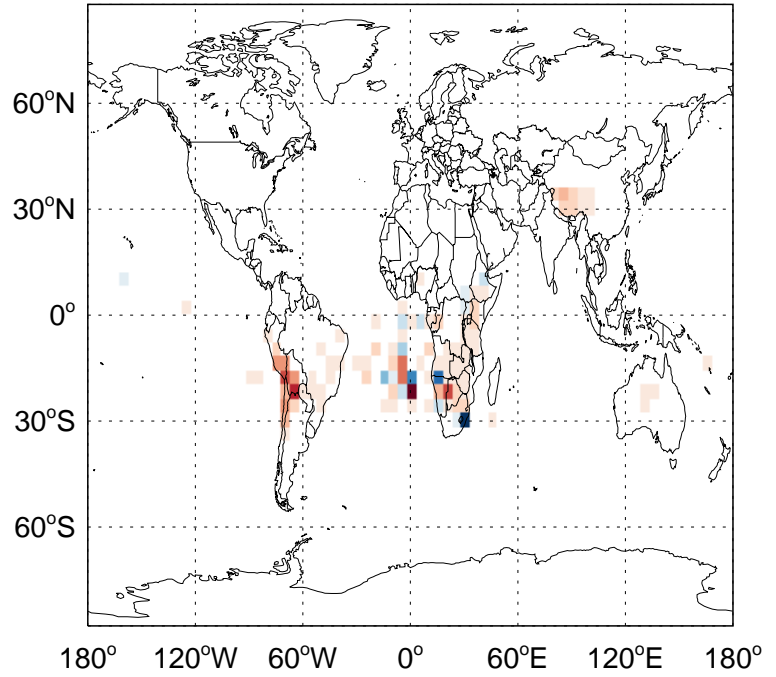
v11-01-public-Run0 - v11-01k-Run0

JCFC12 - J-Value Diff @ surface for Jan



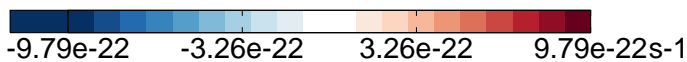
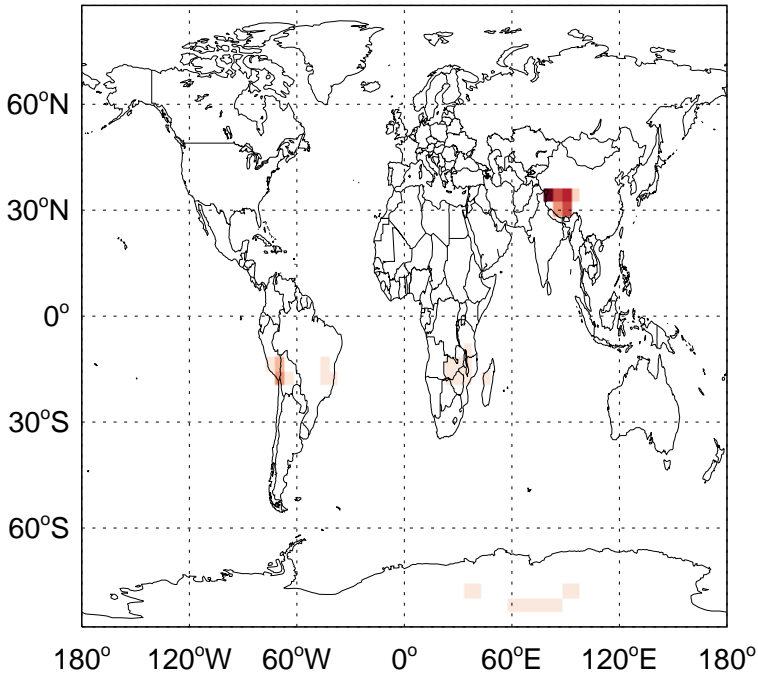
v11-01-public-Run0 - v11-01k-Run0

JCFC12 - J-Value Diff @ 500 hPa for Jan



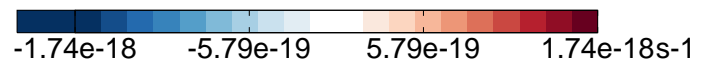
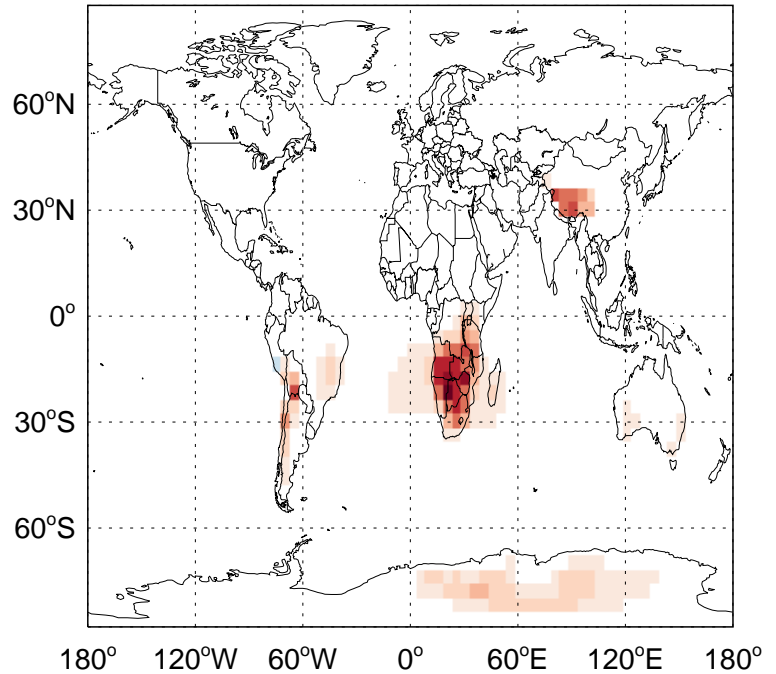
v11-01-public-Run0 - v11-01g-Run0

JCFC12 - J-Value Diff @ surface for Jan



v11-01-public-Run0 - v11-01g-Run0

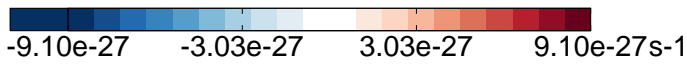
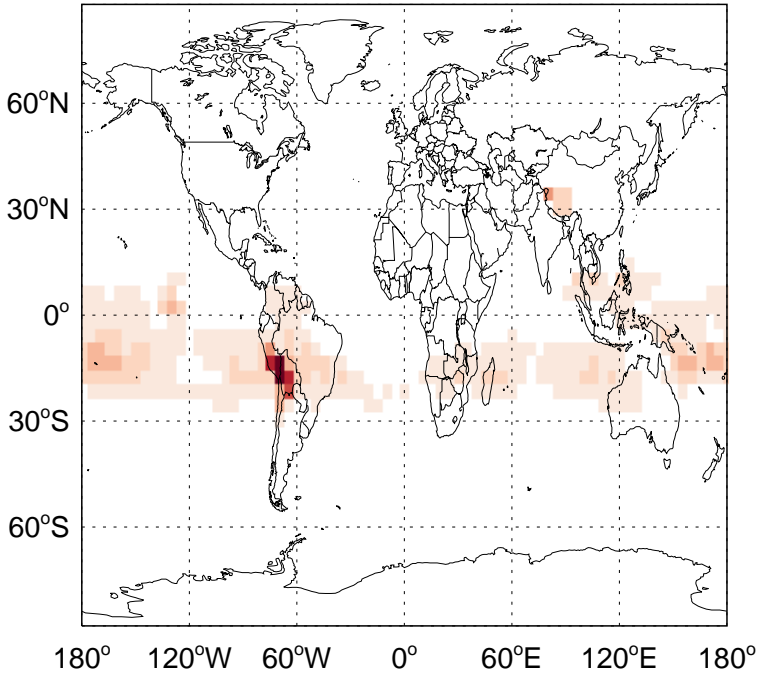
JCFC12 - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

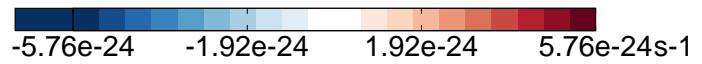
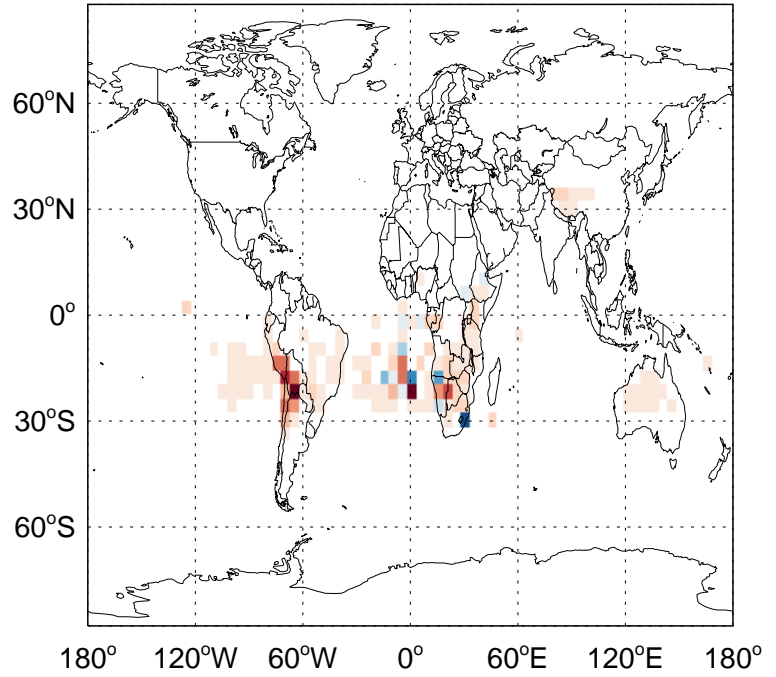
v11-01-public-Run0 - v11-01k-Run0

JO2 - J-Value Diff @ surface for Jan



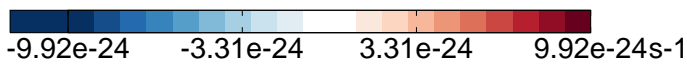
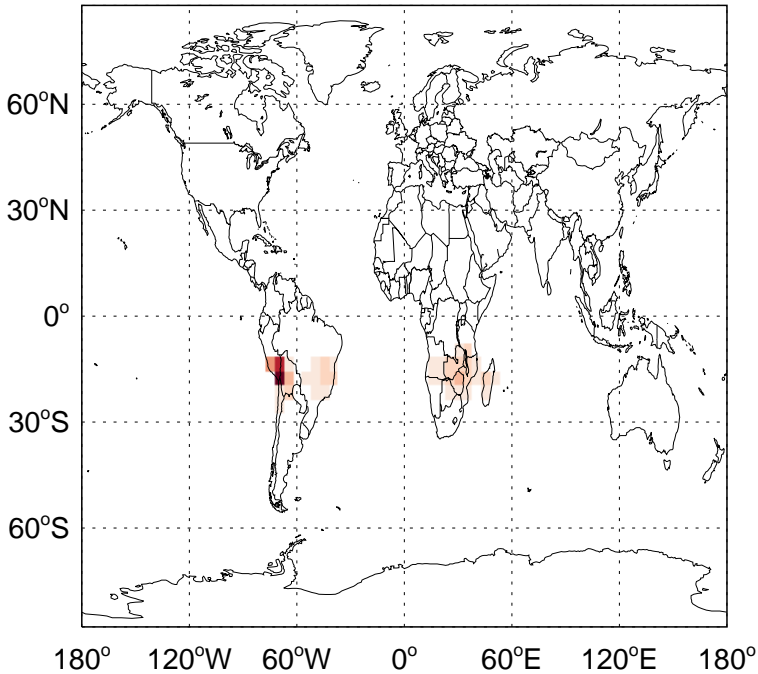
v11-01-public-Run0 - v11-01k-Run0

JO2 - J-Value Diff @ 500 hPa for Jan



v11-01-public-Run0 - v11-01g-Run0

JO2 - J-Value Diff @ surface for Jan



v11-01-public-Run0 - v11-01g-Run0

JO2 - J-Value Diff @ 500 hPa for Jan

