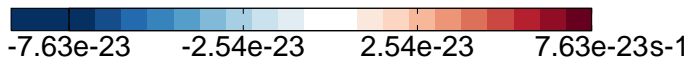
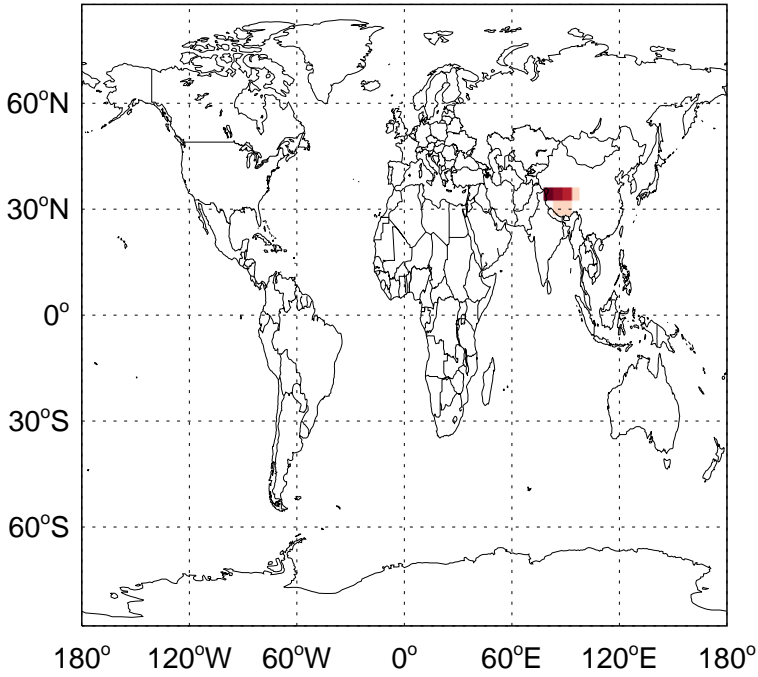


GEOS-Chem J-Values at surface and 500 hPa

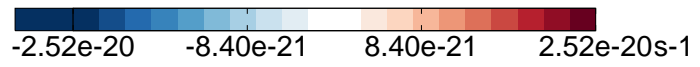
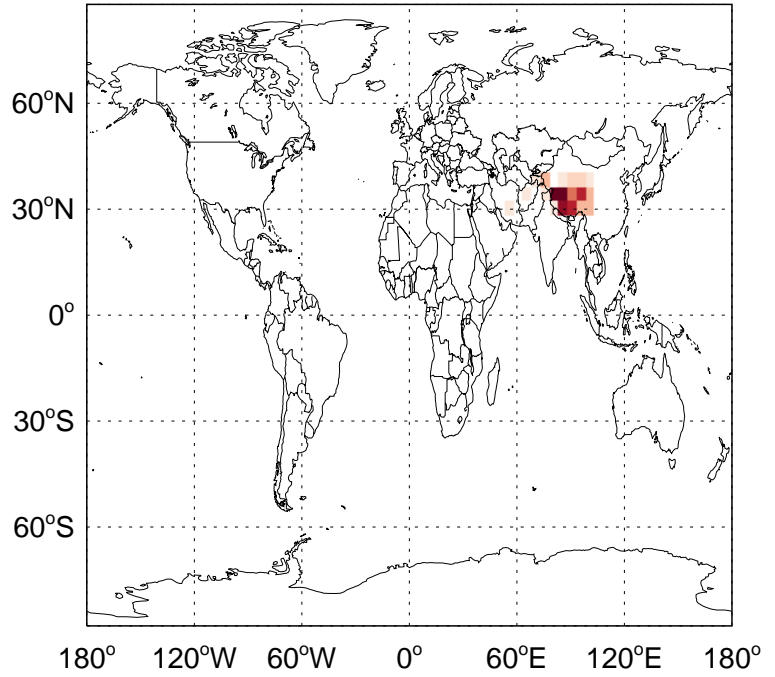
v11-01-public-Run0 - v11-01k-Run0

JNO - J-Value Diff @ surface for Jul



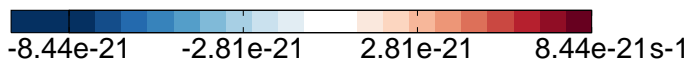
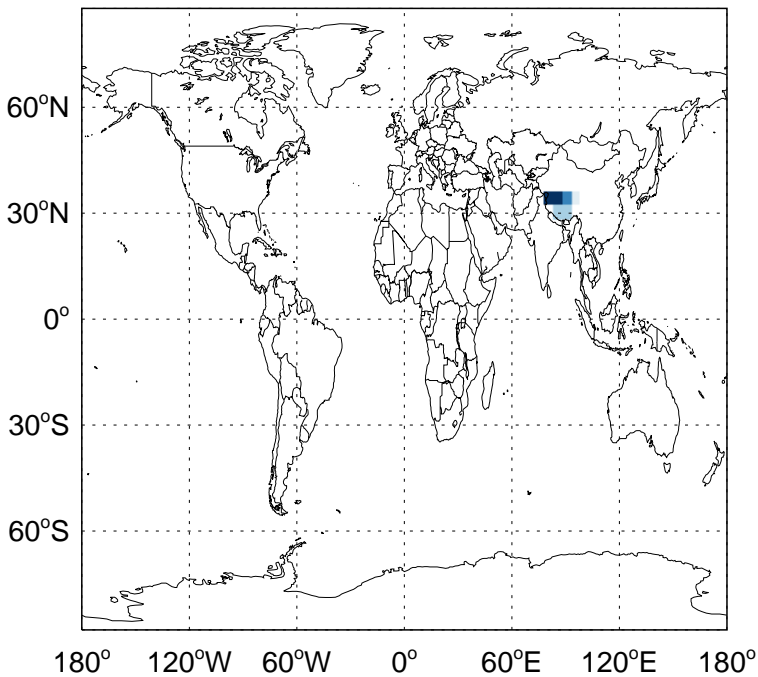
v11-01-public-Run0 - v11-01k-Run0

JNO - J-Value Diff @ 500 hPa for Jul



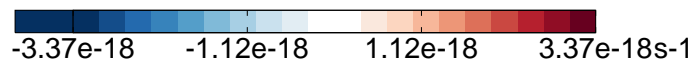
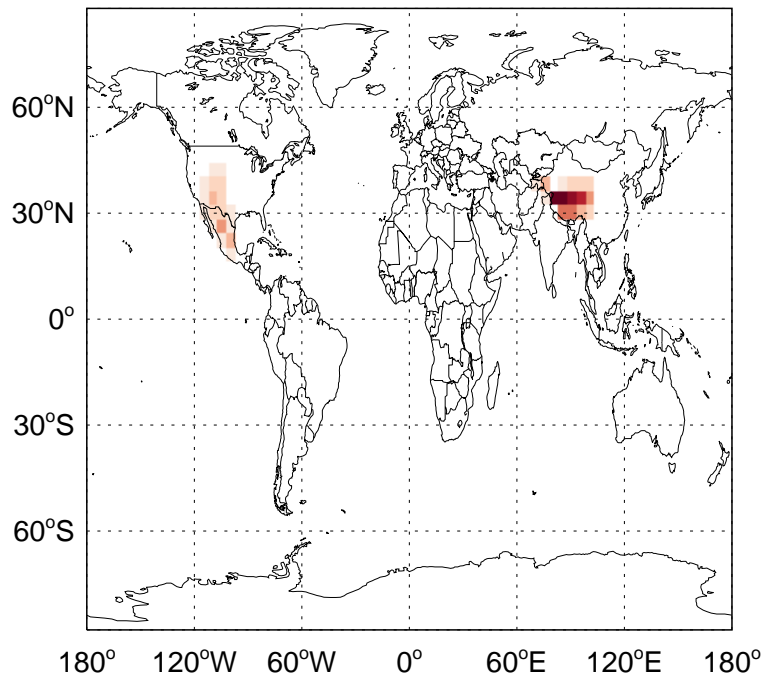
v11-01-public-Run0 - v11-01g-Run0

JNO - J-Value Diff @ surface for Jul



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

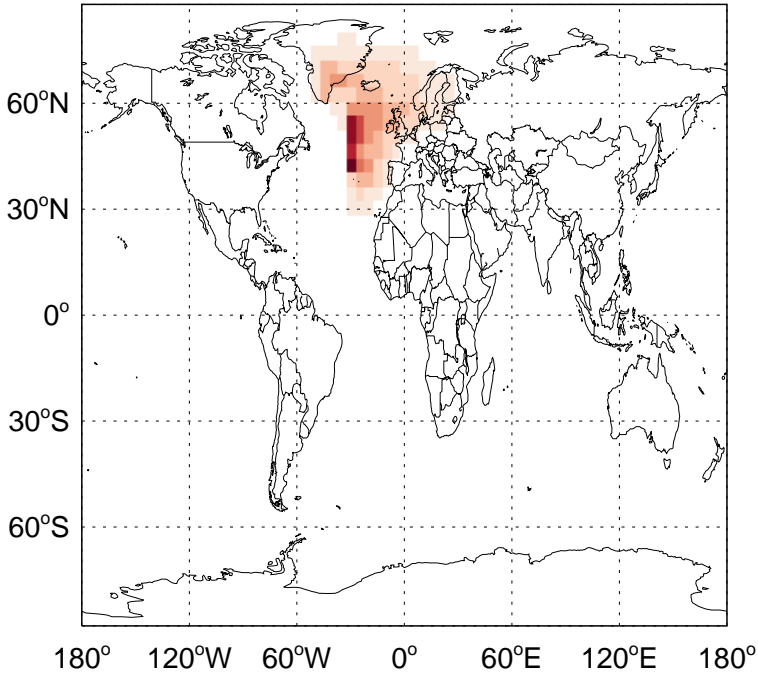
JNO - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

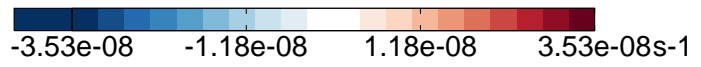
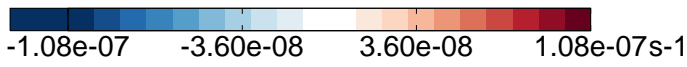
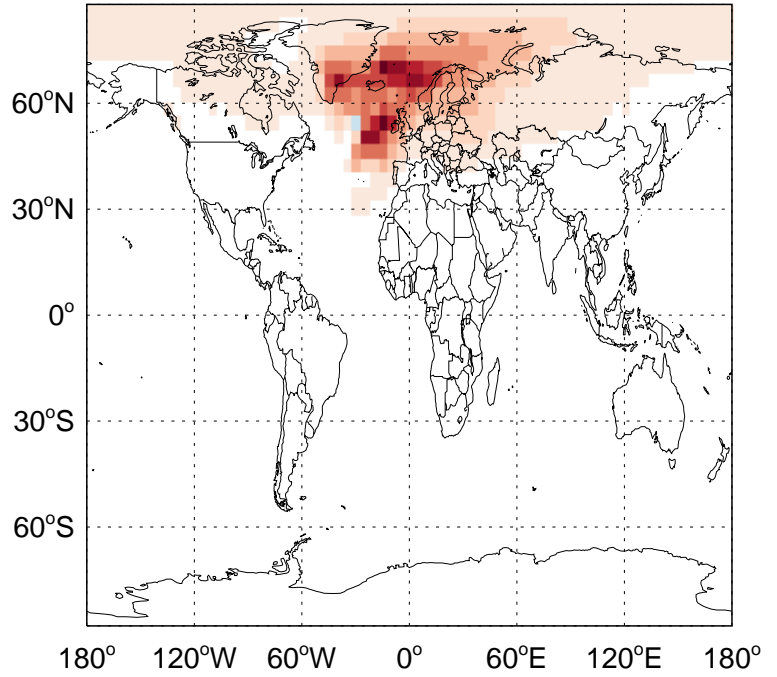
v11-01-public-Run0 - v11-01k-Run0

JO3_O1D - J-Value Diff @ surface for Jul



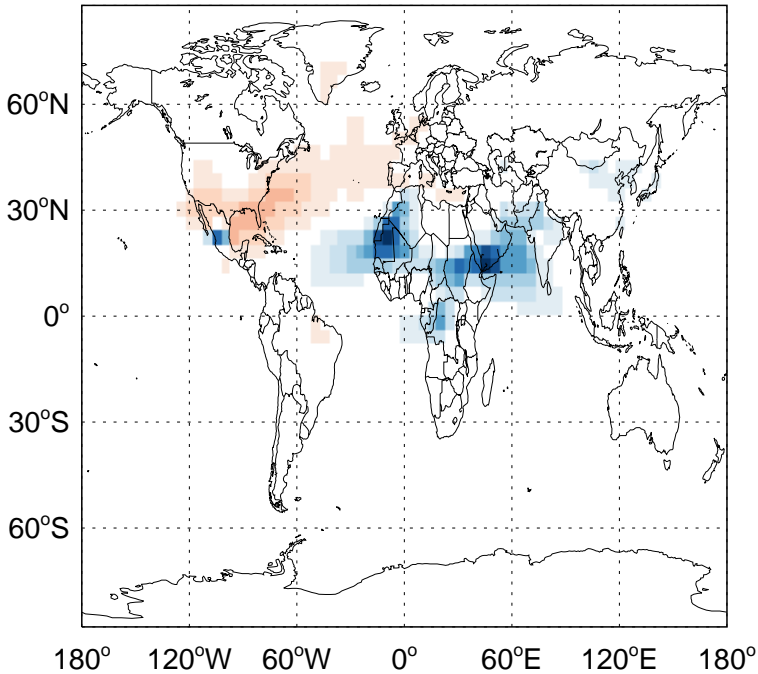
v11-01-public-Run0 - v11-01k-Run0

JO3_O1D - J-Value Diff @ 500 hPa for Jul



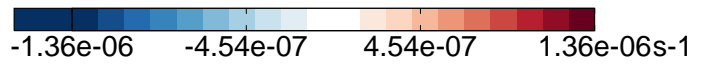
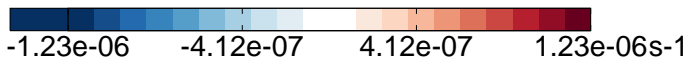
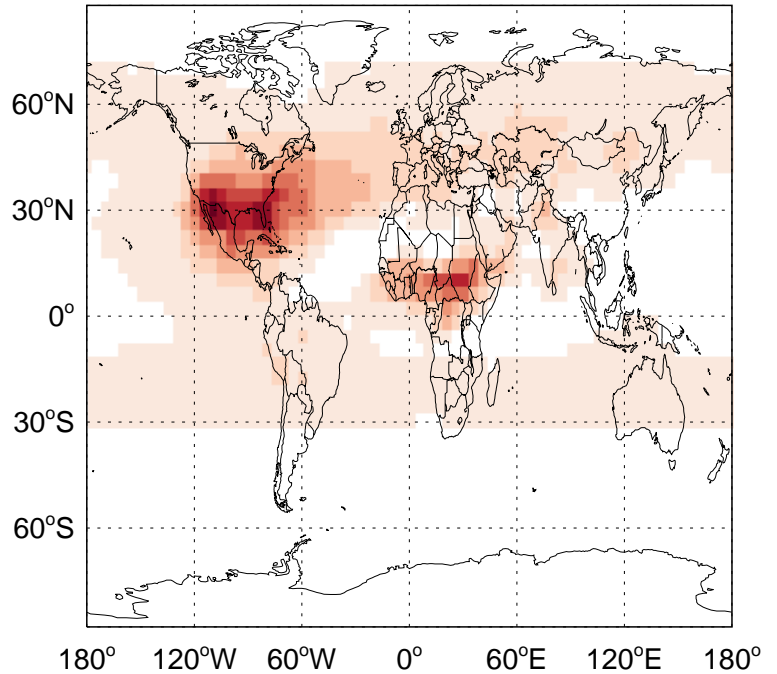
v11-01-public-Run0 - v11-01g-Run0

JO3_O1D - J-Value Diff @ surface for Jul



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

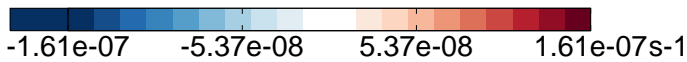
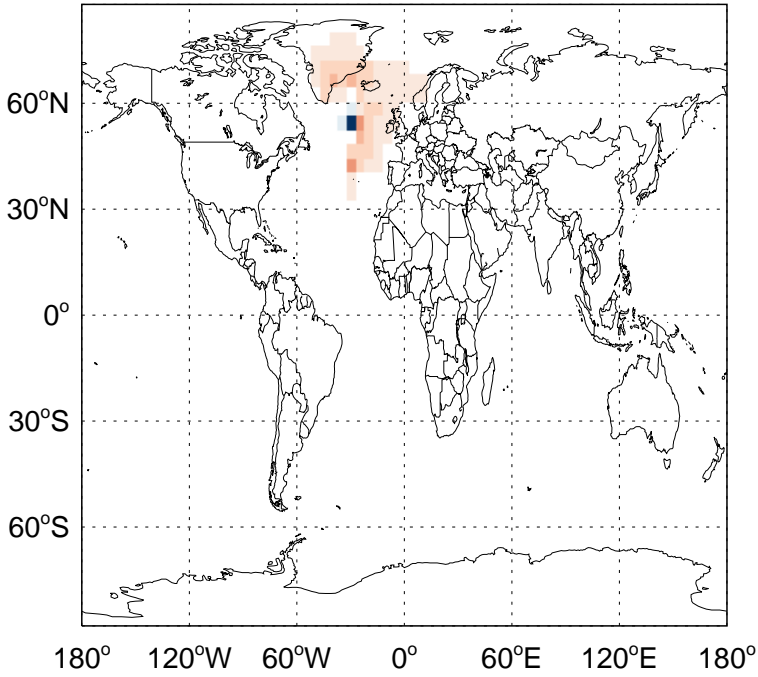
JO3_O1D - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

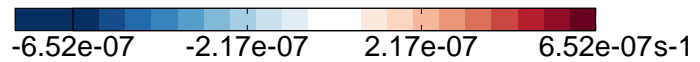
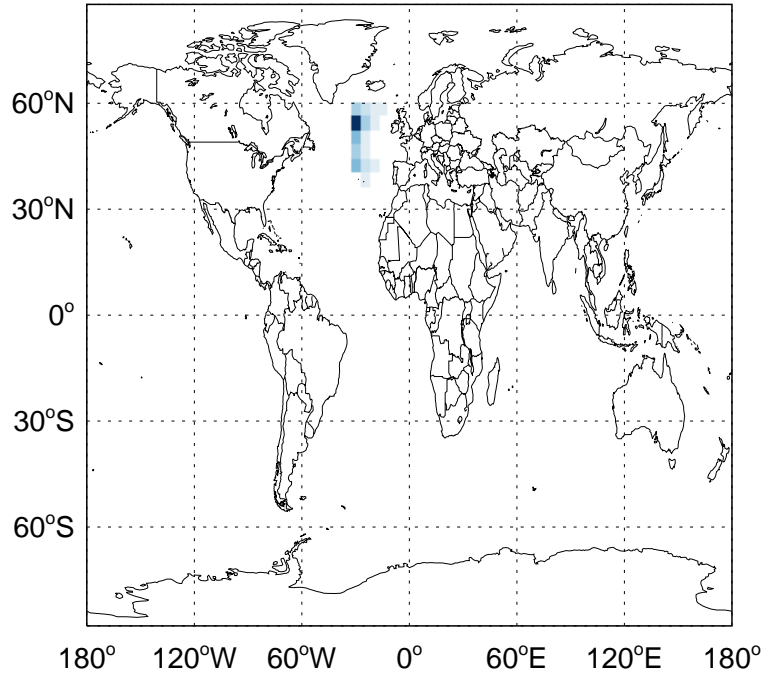
v11-01-public-Run0 - v11-01k-Run0

JO3_O3P - J-Value Diff @ surface for Jul



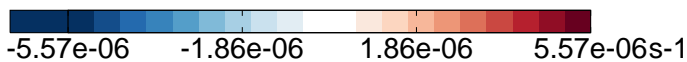
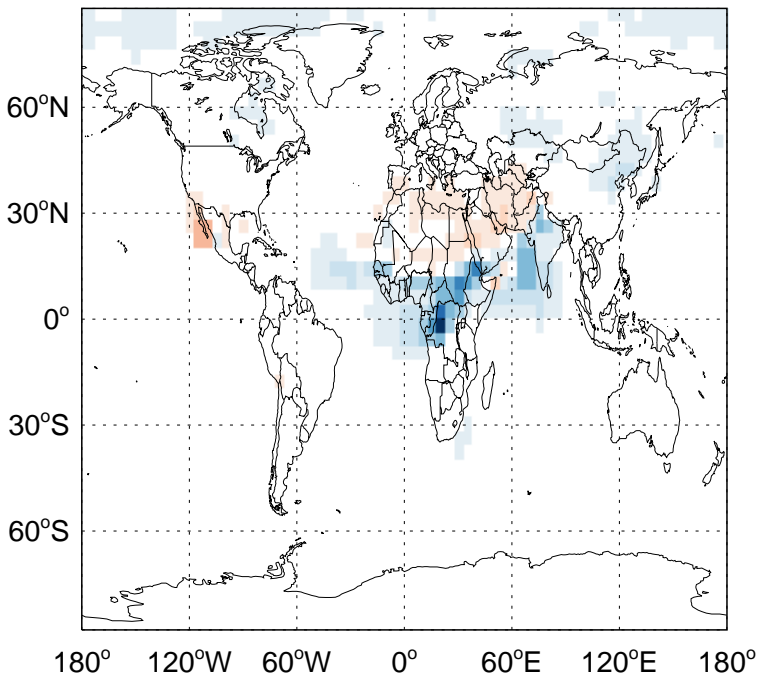
v11-01-public-Run0 - v11-01k-Run0

JO3_O3P - J-Value Diff @ 500 hPa for Jul



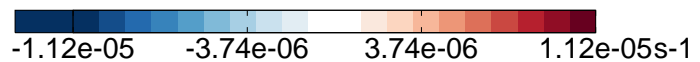
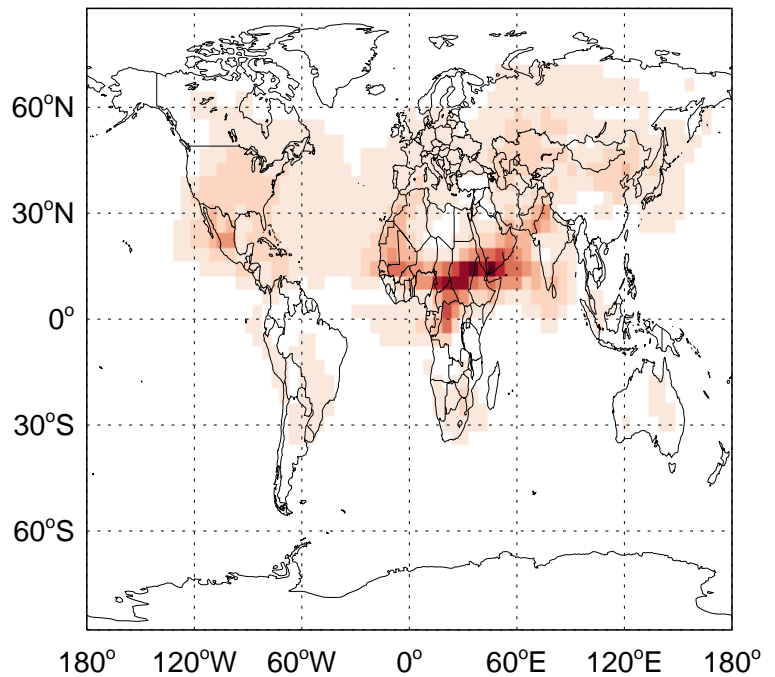
v11-01-public-Run0 - v11-01g-Run0

JO3_O3P - J-Value Diff @ surface for Jul



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

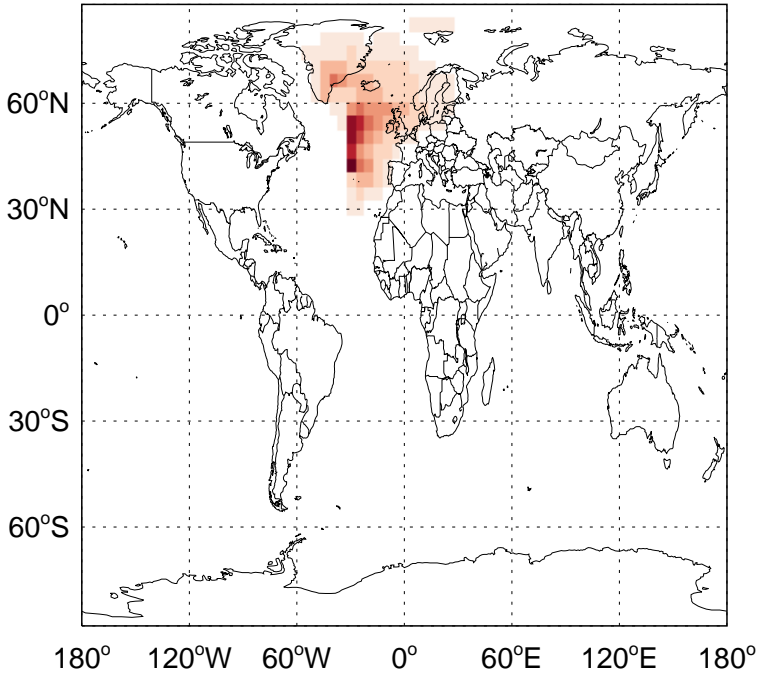
JO3_O3P - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

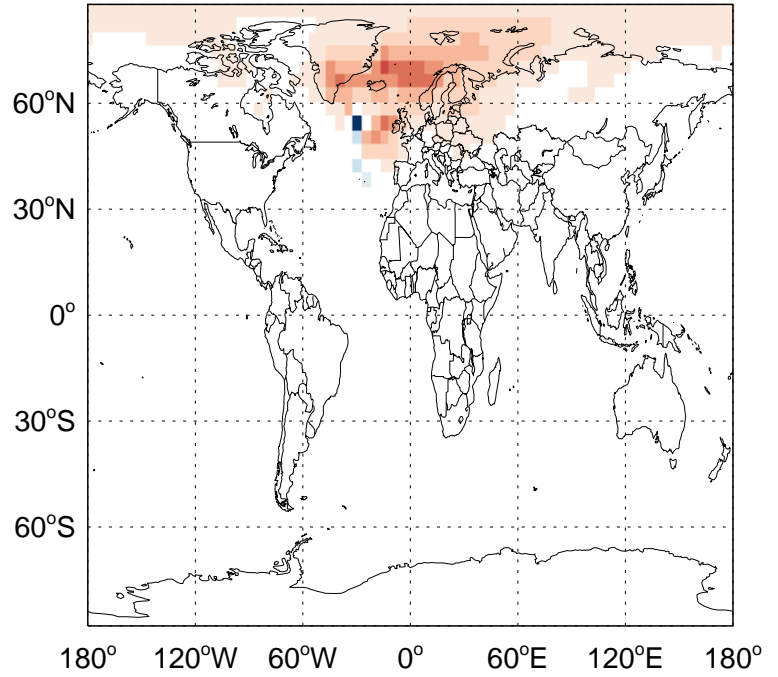
v11-01-public-Run0 - v11-01k-Run0

JHNO3 - J-Value Diff @ surface for Jul



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

JHNO3 - J-Value Diff @ 500 hPa for Jul

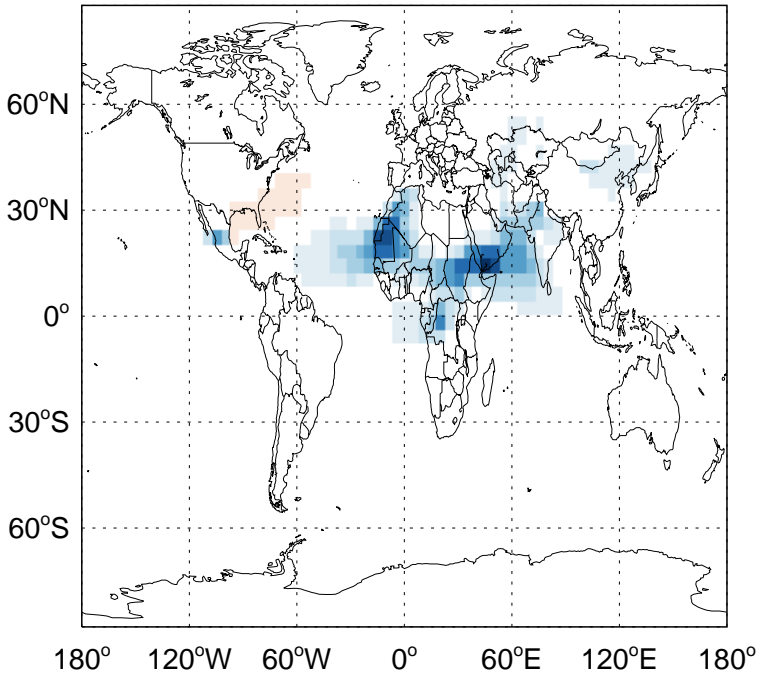


-1.26e-09 -4.19e-10 4.19e-10 1.26e-09s-1

-6.50e-10 -2.17e-10 2.17e-10 6.50e-10s-1

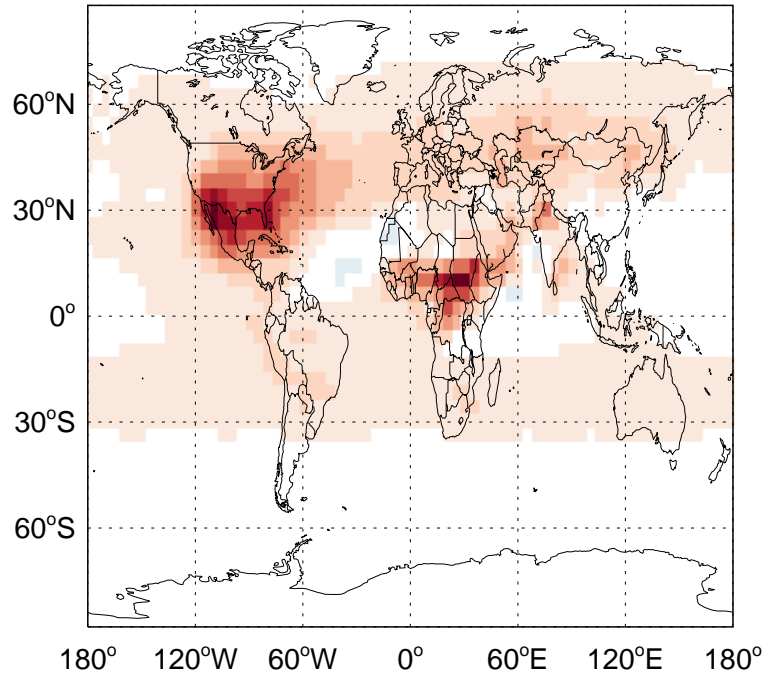
v11-01-public-Run0 - v11-01g-Run0

JHNO3 - J-Value Diff @ surface for Jul



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

JHNO3 - J-Value Diff @ 500 hPa for Jul



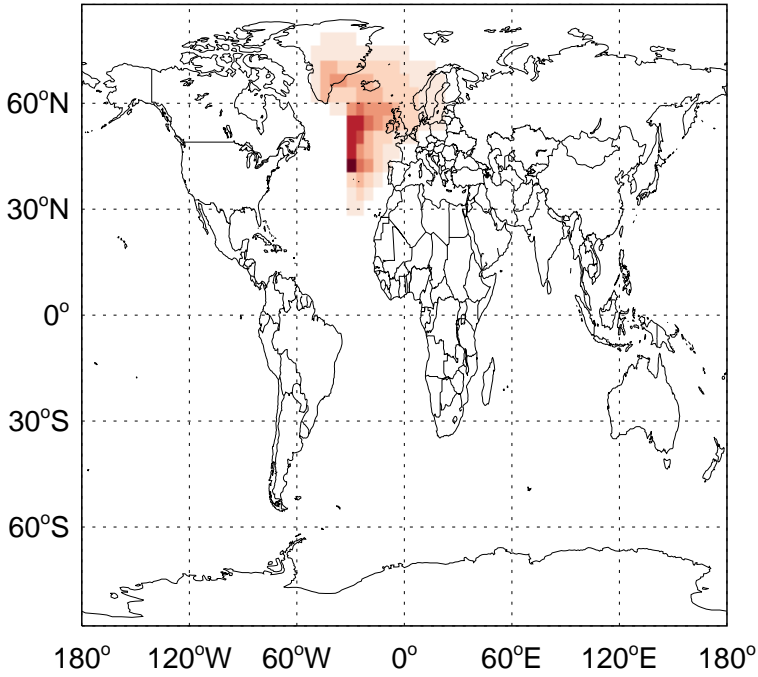
-2.36e-08 -7.87e-09 7.87e-09 2.36e-08s-1

-1.66e-08 -5.52e-09 5.52e-09 1.66e-08s-1

GEOS-Chem J-Values at surface and 500 hPa

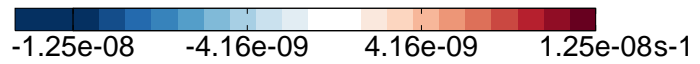
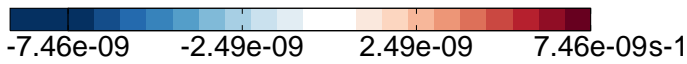
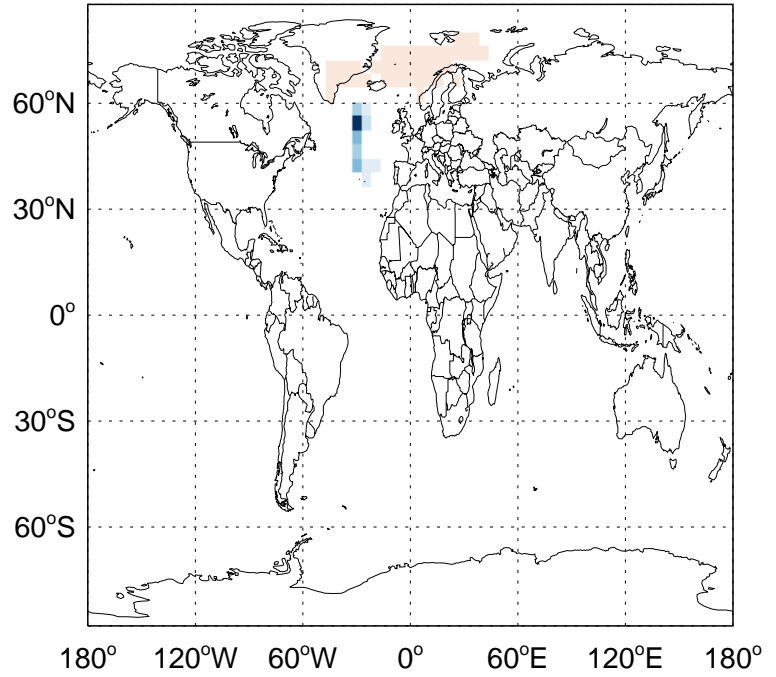
v11-01-public-Run0 - v11-01k-Run0

JH2O2 - J-Value Diff @ surface for Jul



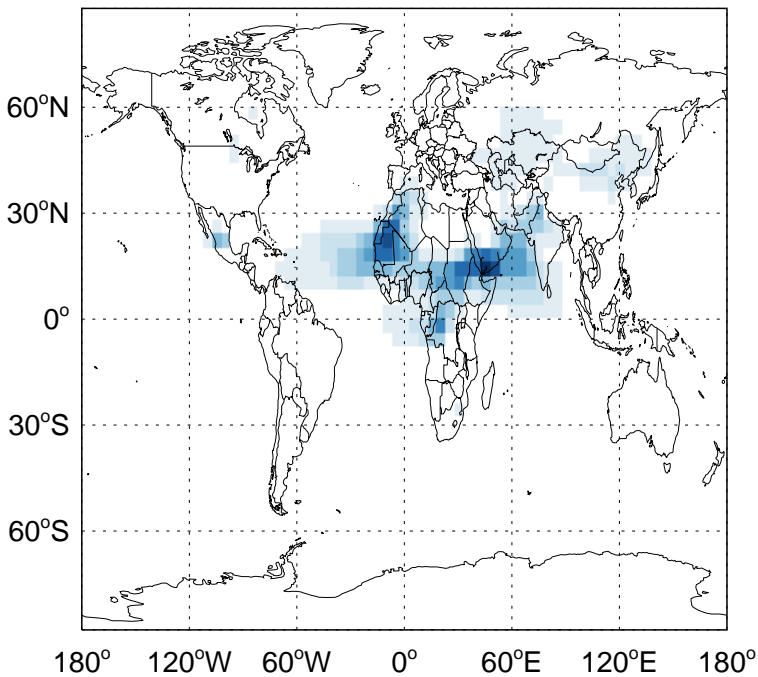
v11-01-public-Run0 - v11-01k-Run0

JH2O2 - J-Value Diff @ 500 hPa for Jul



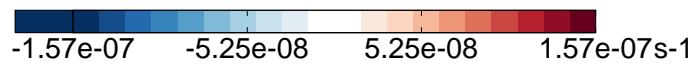
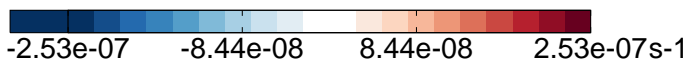
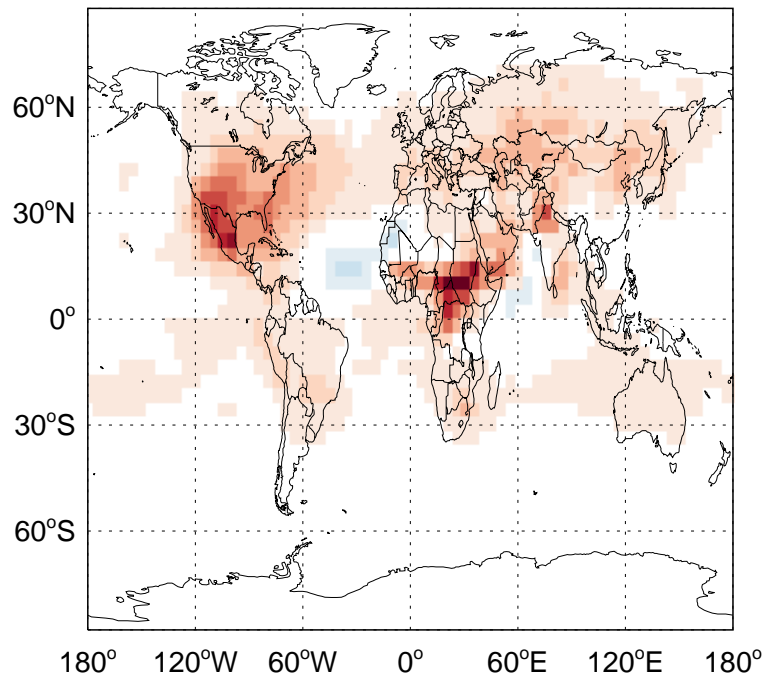
v11-01-public-Run0 - v11-01g-Run0

JH2O2 - J-Value Diff @ surface for Jul



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

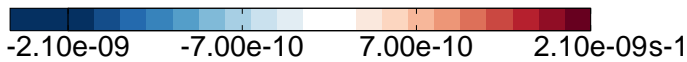
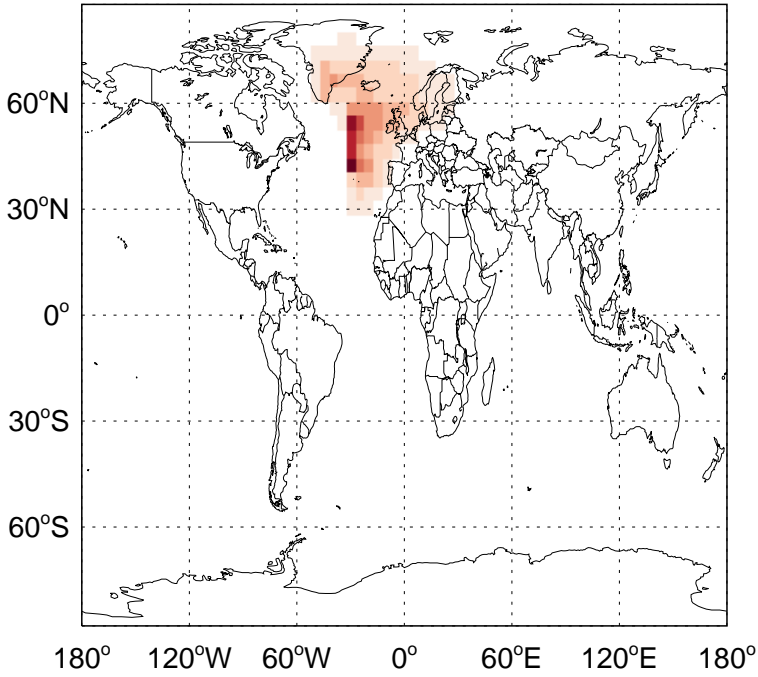
JH2O2 - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

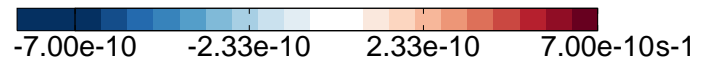
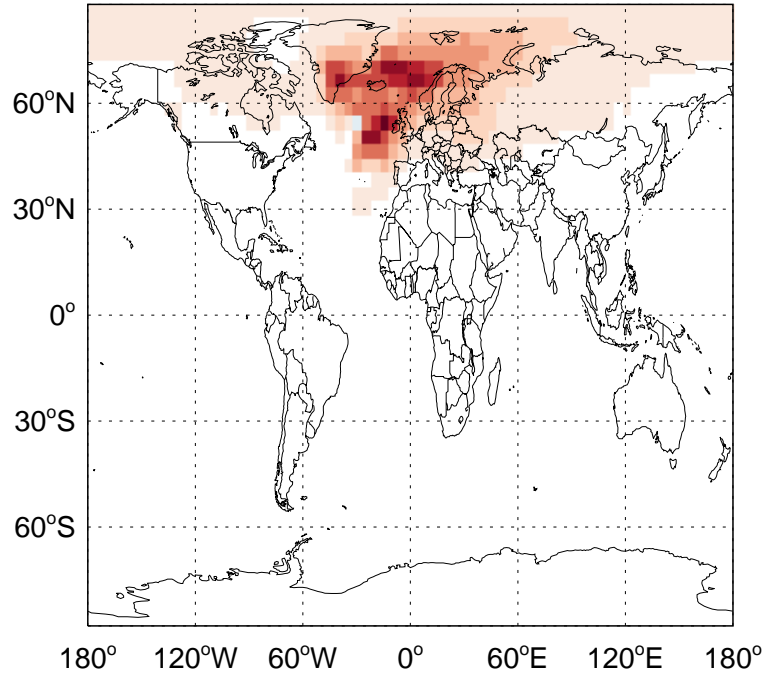
v11-01-public-Run0 - v11-01k-Run0

JACET - J-Value Diff @ surface for Jul



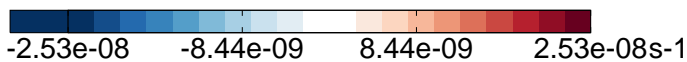
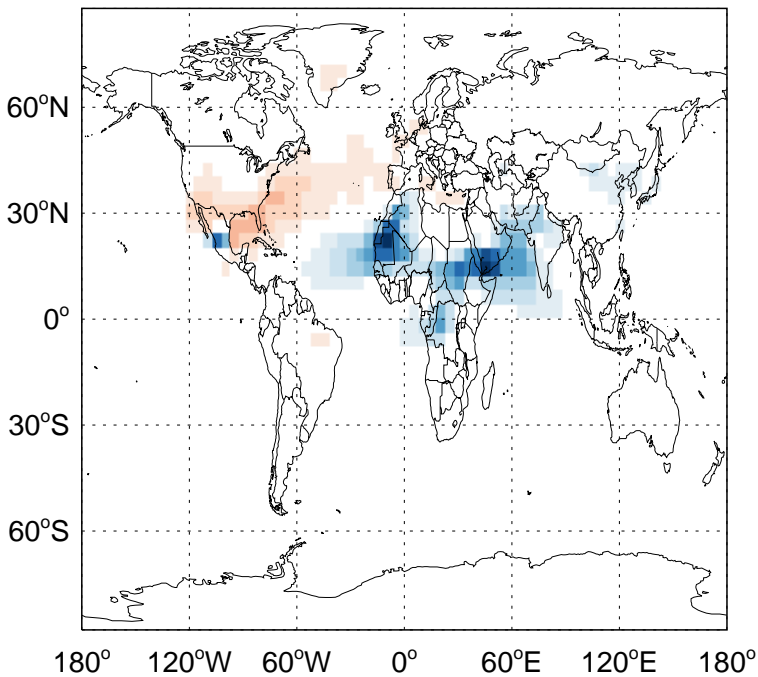
v11-01-public-Run0 - v11-01k-Run0

JACET - J-Value Diff @ 500 hPa for Jul



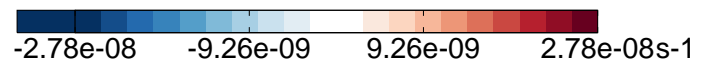
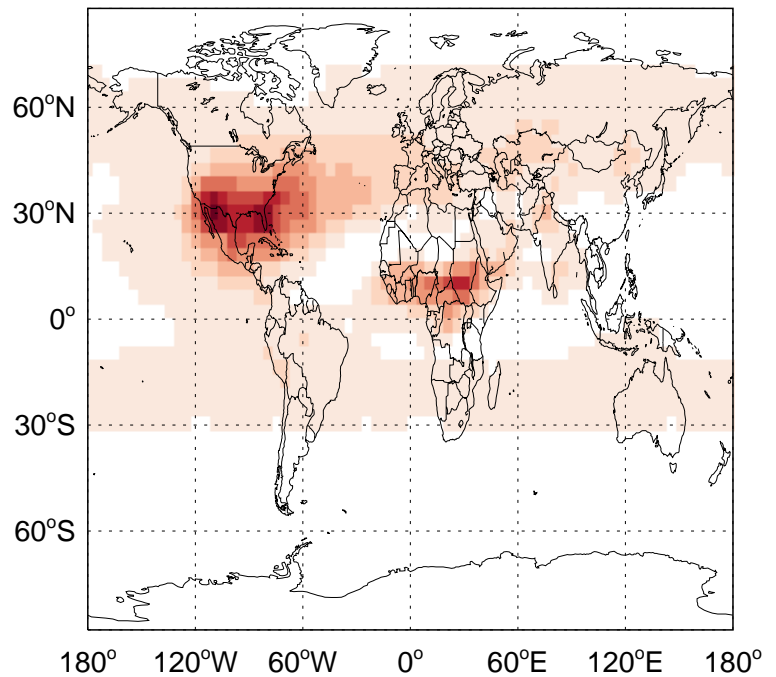
v11-01-public-Run0 - v11-01g-Run0

JACET - J-Value Diff @ surface for Jul



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

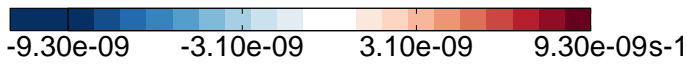
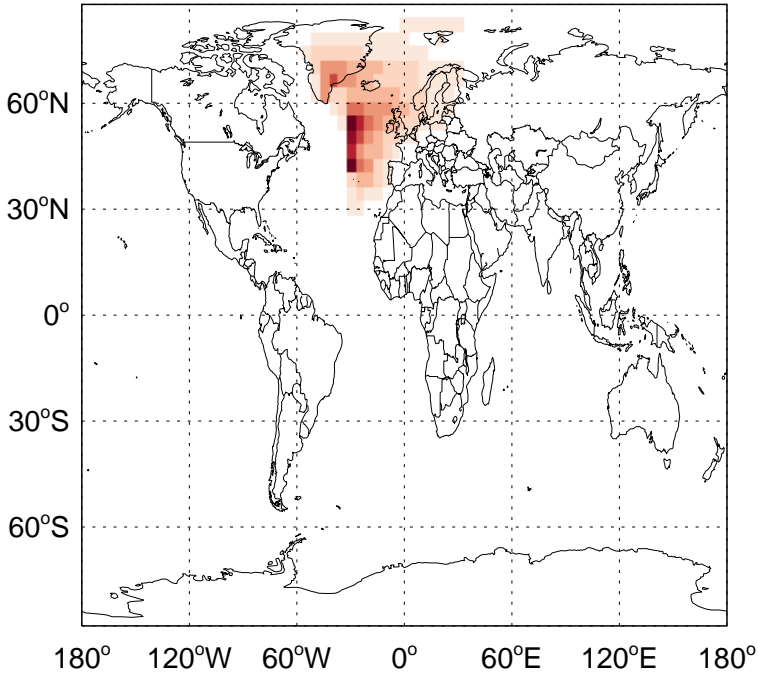
JACET - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

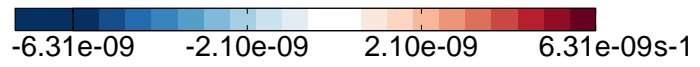
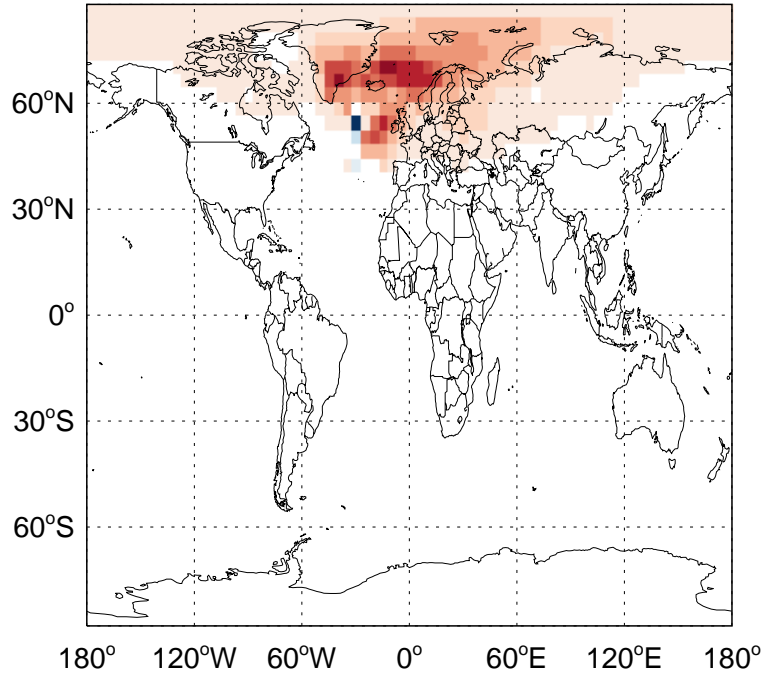
v11-01-public-Run0 - v11-01k-Run0

JALD2 - J-Value Diff @ surface for Jul



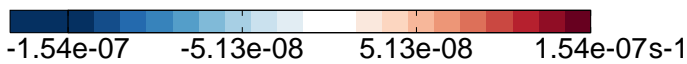
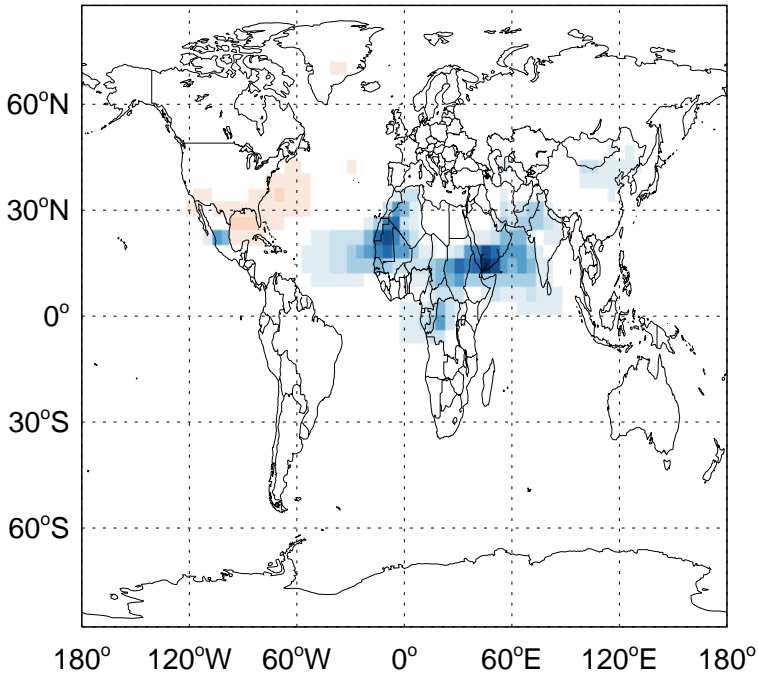
v11-01-public-Run0 - v11-01k-Run0

JALD2 - J-Value Diff @ 500 hPa for Jul



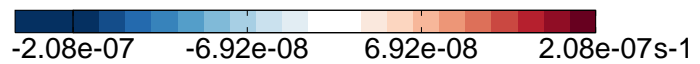
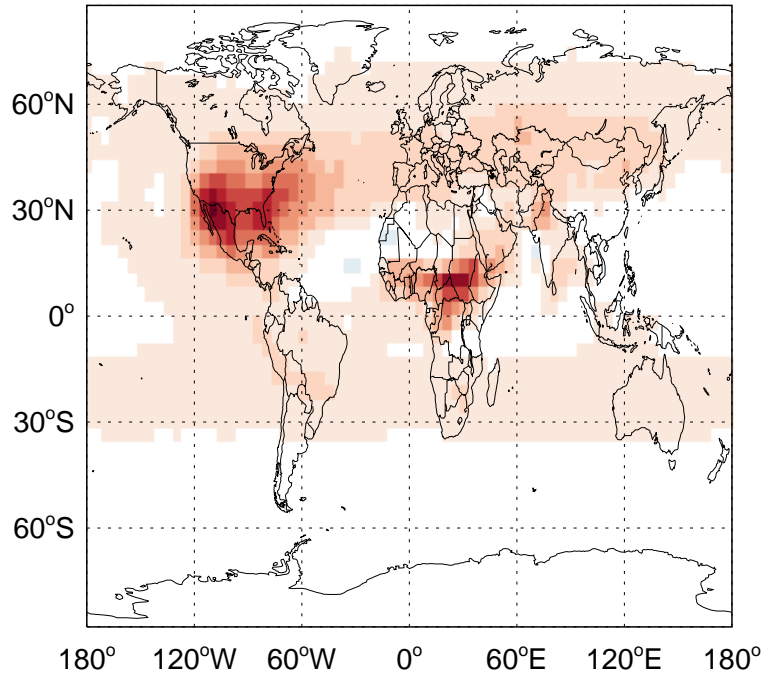
v11-01-public-Run0 - v11-01g-Run0

JALD2 - J-Value Diff @ surface for Jul



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

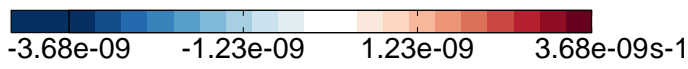
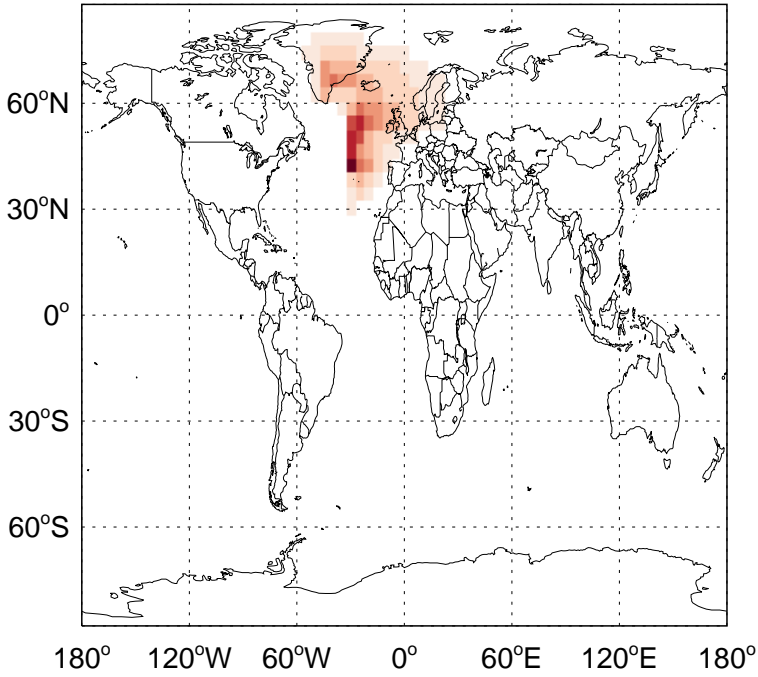
JALD2 - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

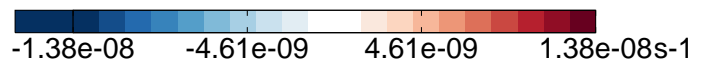
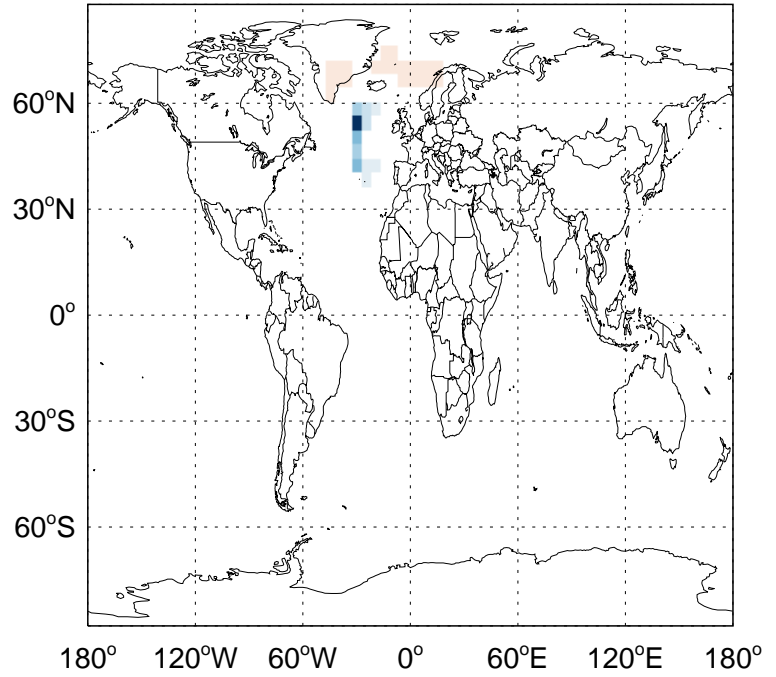
v11-01-public-Run0 - v11-01k-Run0

JMVK - J-Value Diff @ surface for Jul



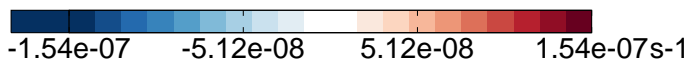
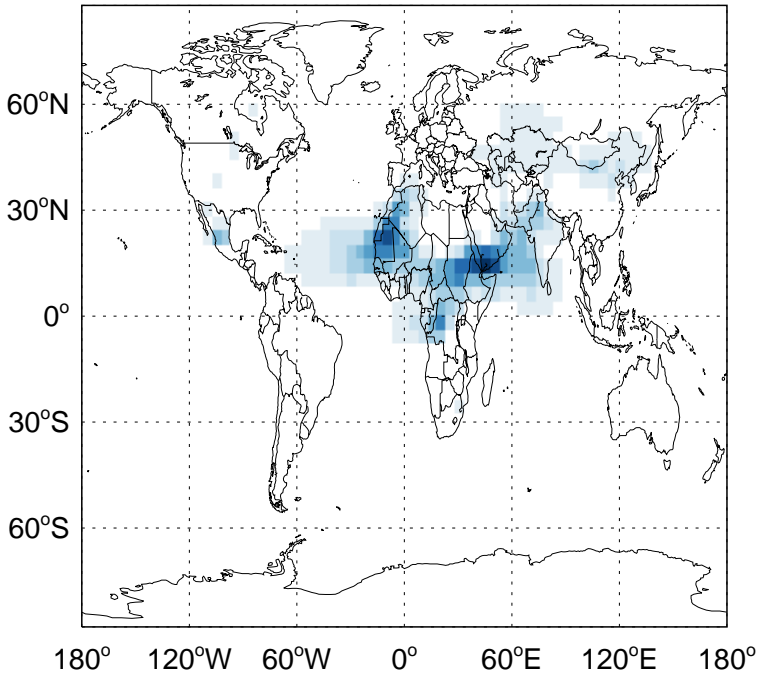
v11-01-public-Run0 - v11-01k-Run0

JMVK - J-Value Diff @ 500 hPa for Jul



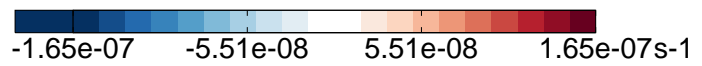
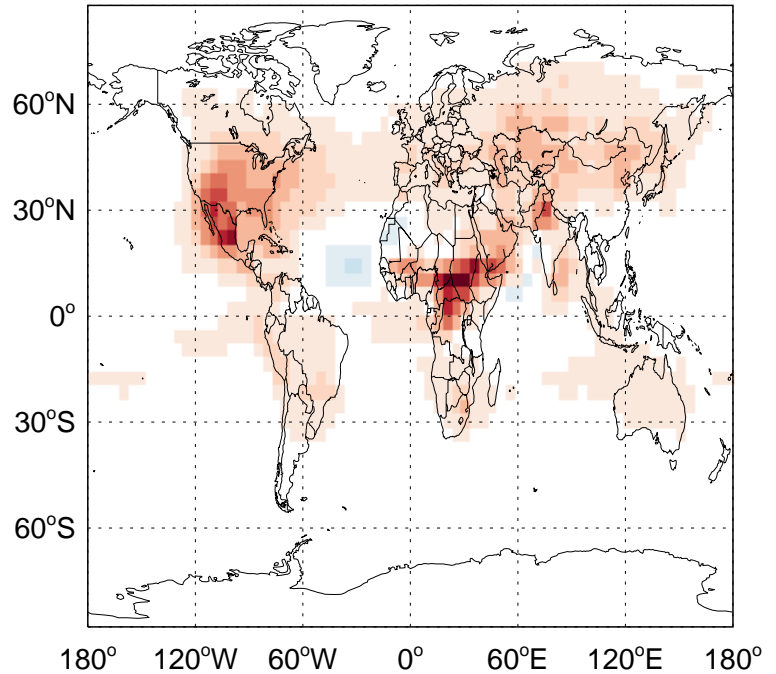
v11-01-public-Run0 - v11-01g-Run0

JMVK - J-Value Diff @ surface for Jul



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

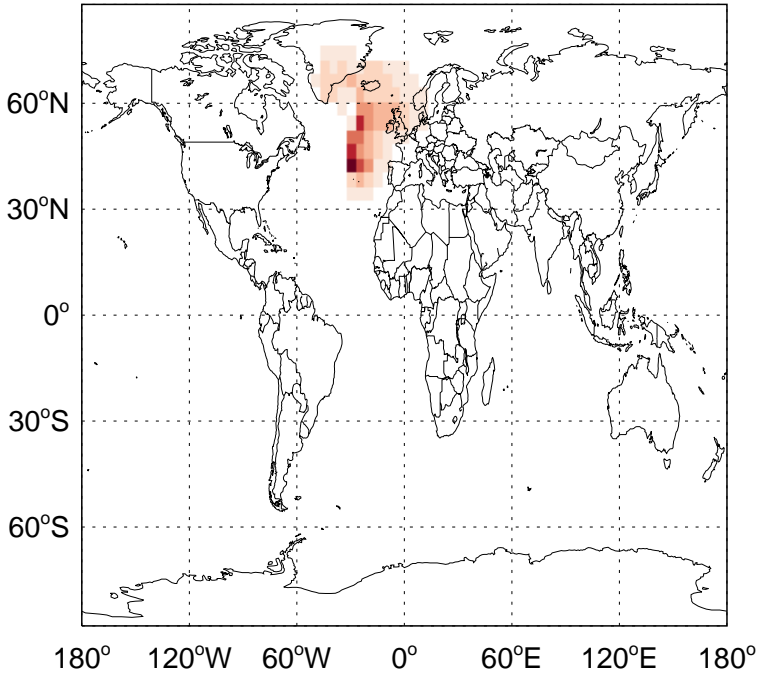
JMVK - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

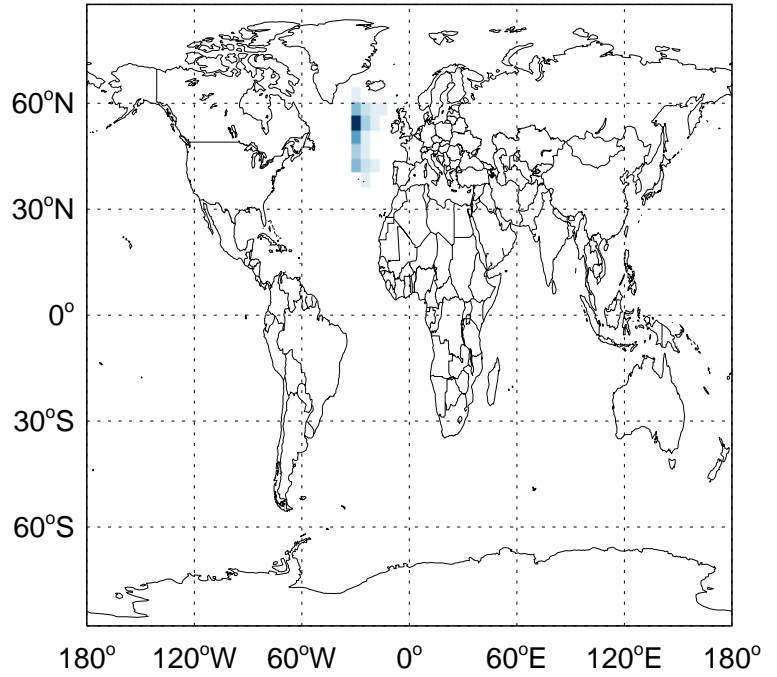
v11-01-public-Run0 - v11-01k-Run0

JMACR - J-Value Diff @ surface for Jul



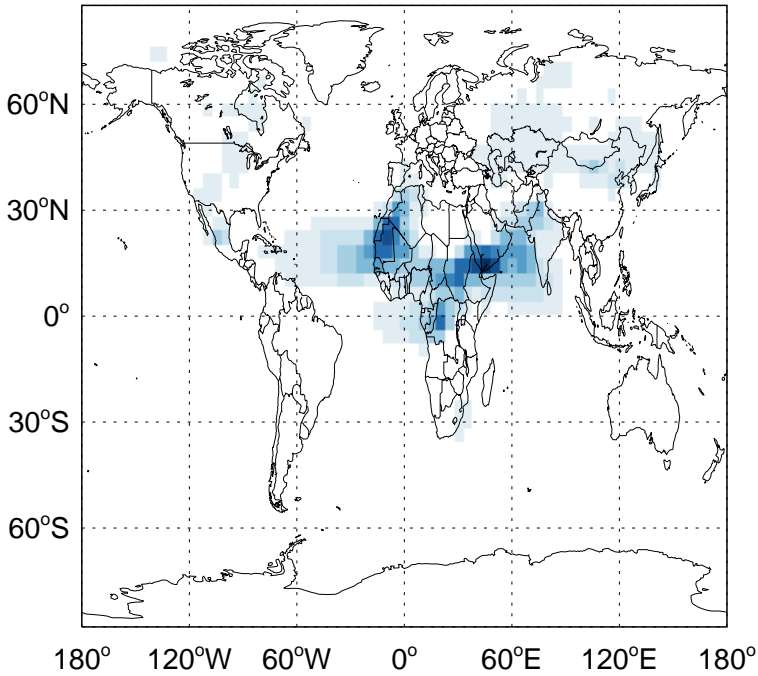
v11-01-public-Run0 - v11-01k-Run0

JMACR - J-Value Diff @ 500 hPa for Jul



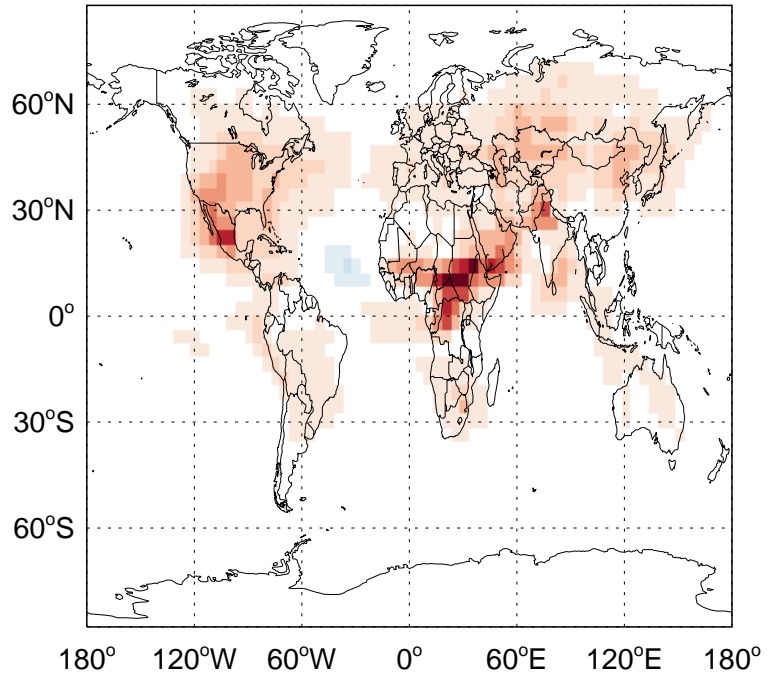
v11-01-public-Run0 - v11-01g-Run0

JMACR - J-Value Diff @ surface for Jul



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

JMACR - J-Value Diff @ 500 hPa for Jul



-6.96e-10 -2.32e-10 2.32e-10 6.96e-10s-1

-3.35e-09 -1.12e-09 1.12e-09 3.35e-09s-1

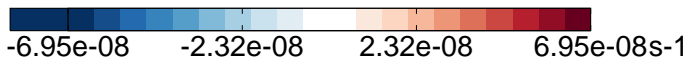
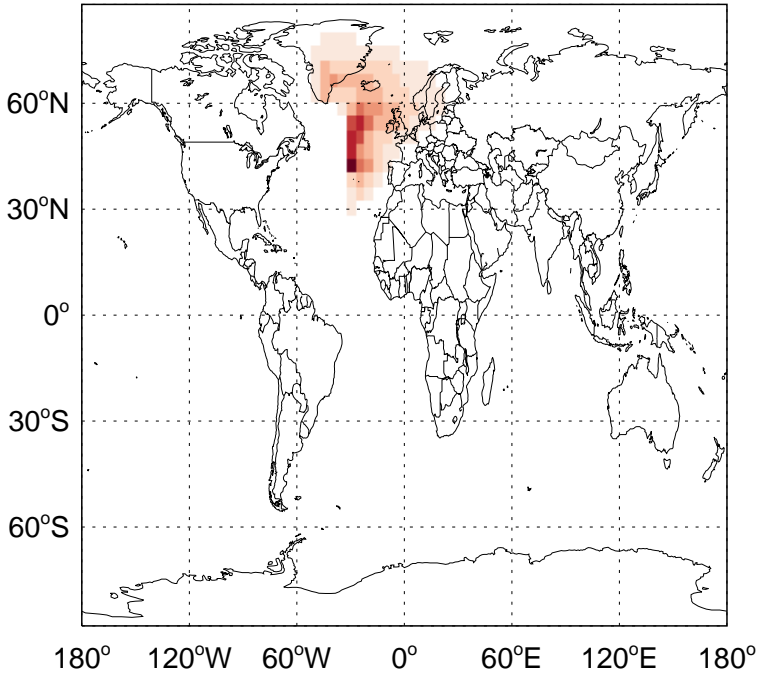
-4.17e-08 -1.39e-08 1.39e-08 4.17e-08s-1

-3.49e-08 -1.16e-08 1.16e-08 3.49e-08s-1

GEOS-Chem J-Values at surface and 500 hPa

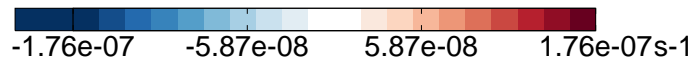
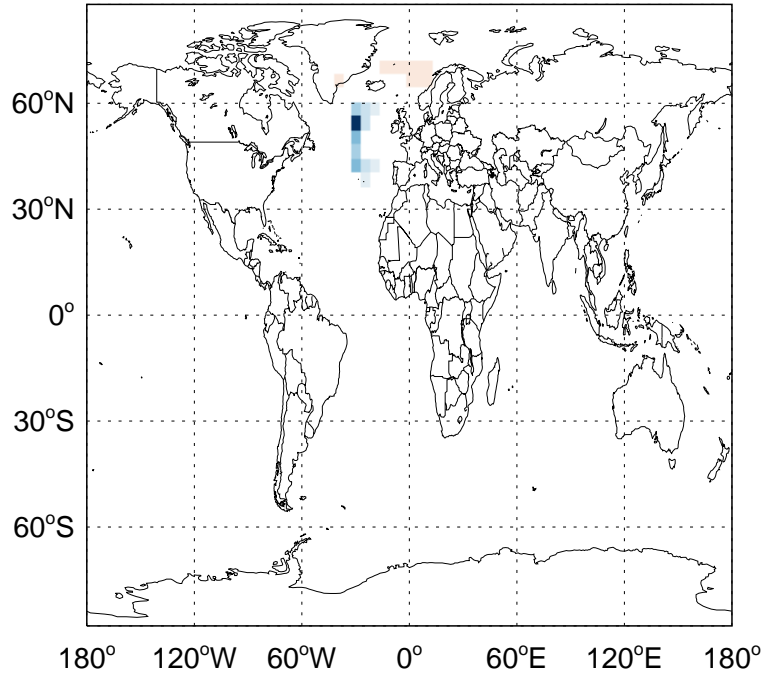
v11-01-public-Run0 - v11-01k-Run0

JCH2O - J-Value Diff @ surface for Jul



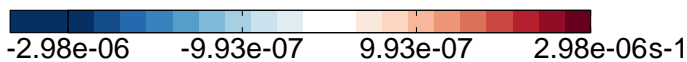
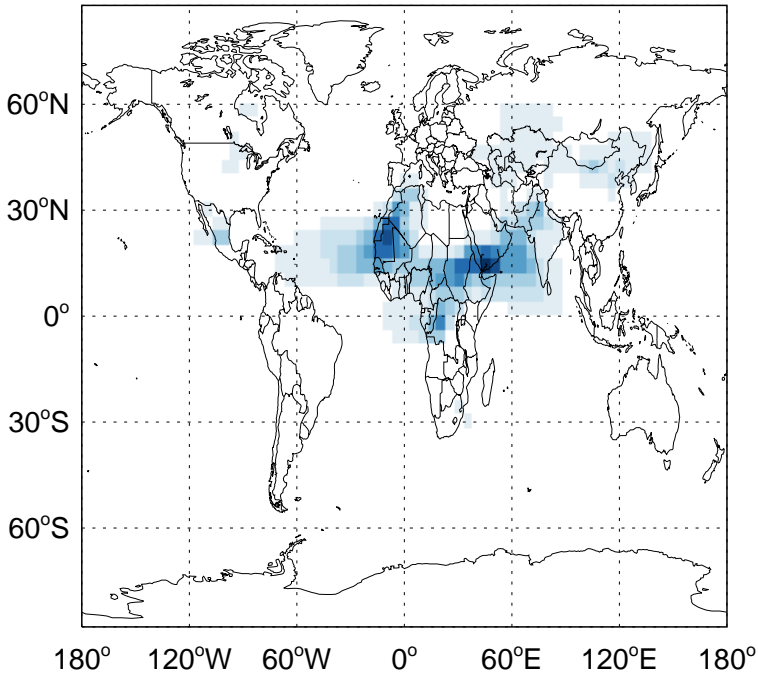
v11-01-public-Run0 - v11-01k-Run0

JCH2O - J-Value Diff @ 500 hPa for Jul



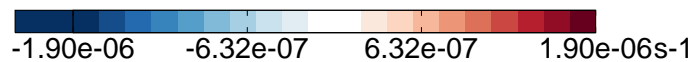
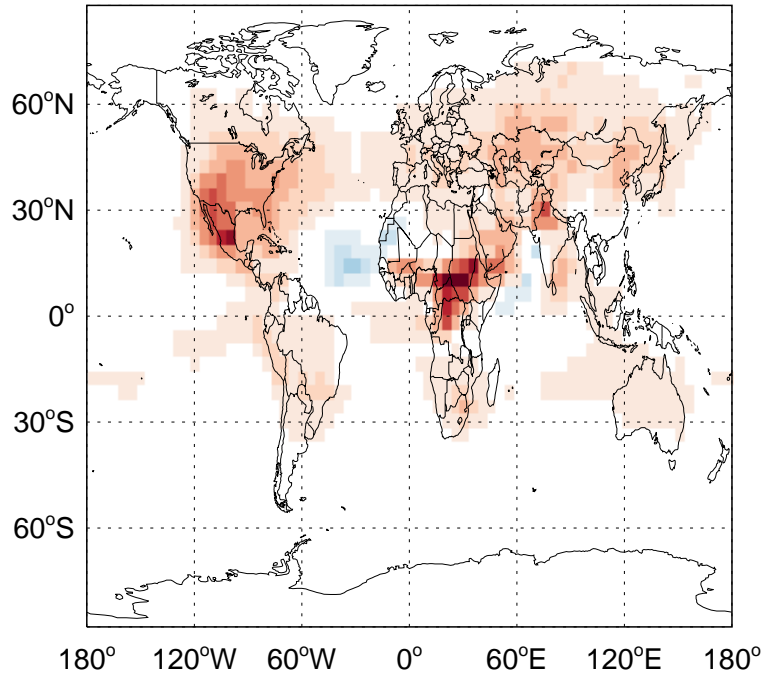
v11-01-public-Run0 - v11-01g-Run0

JCH2O - J-Value Diff @ surface for Jul



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

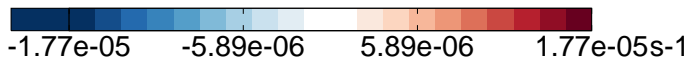
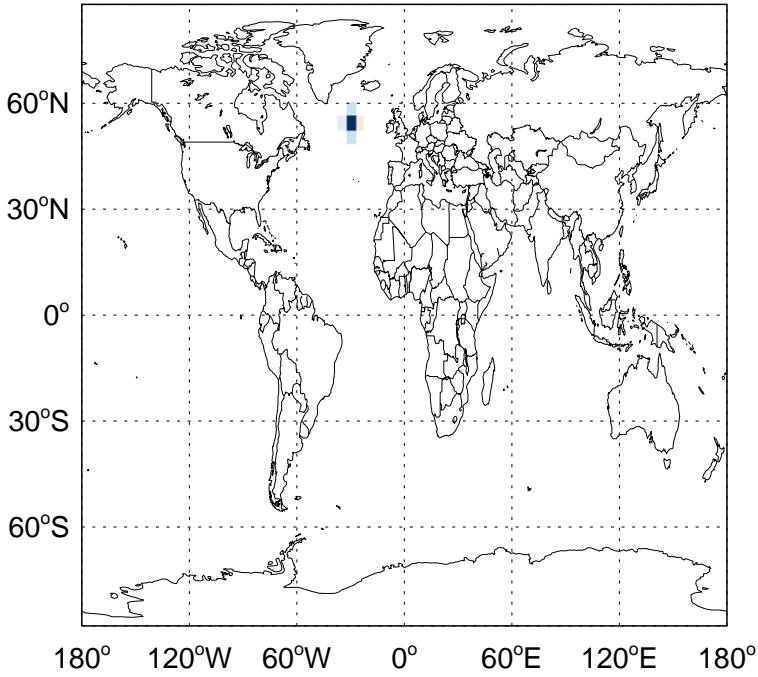
JCH2O - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

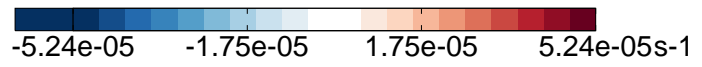
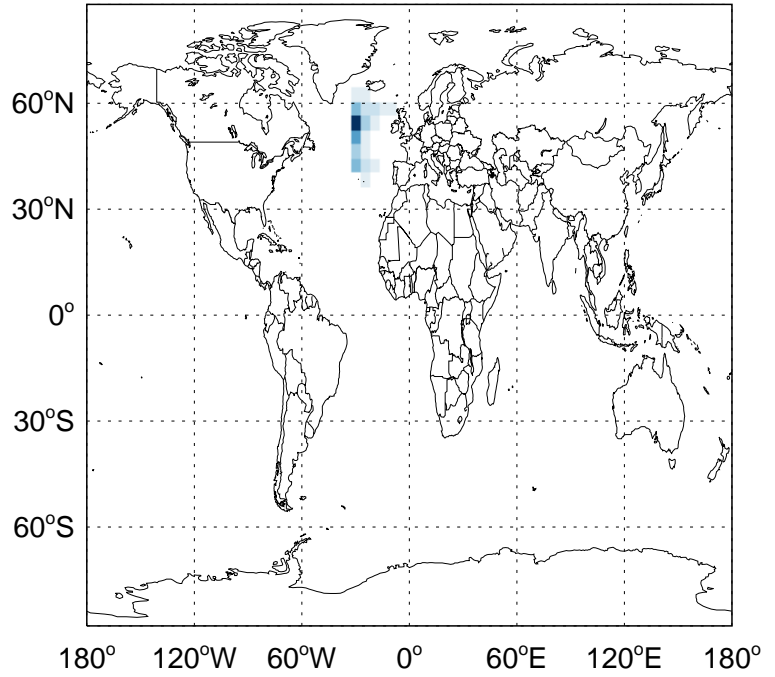
v11-01-public-Run0 - v11-01k-Run0

JBr2 - J-Value Diff @ surface for Jul



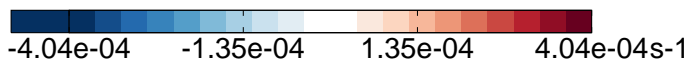
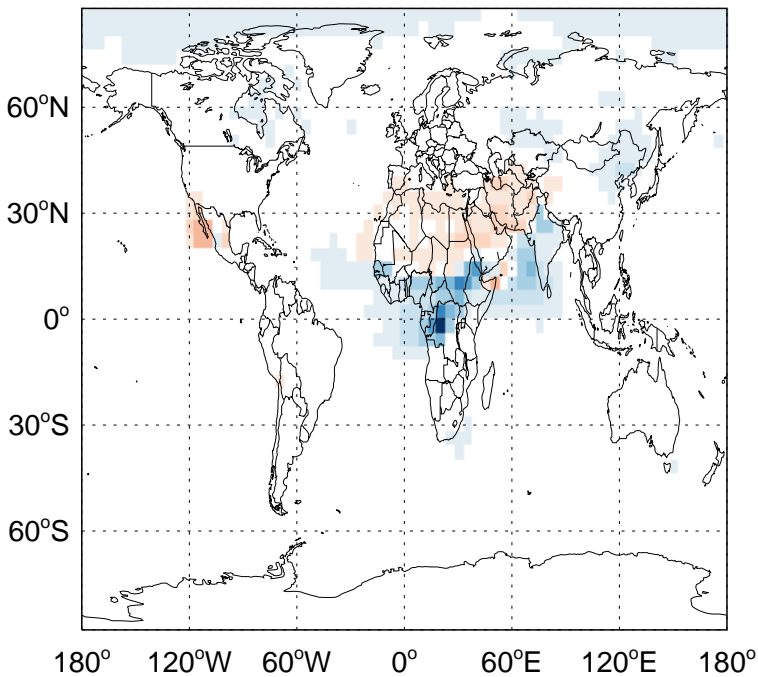
v11-01-public-Run0 - v11-01k-Run0

JBr2 - J-Value Diff @ 500 hPa for Jul



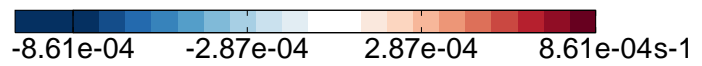
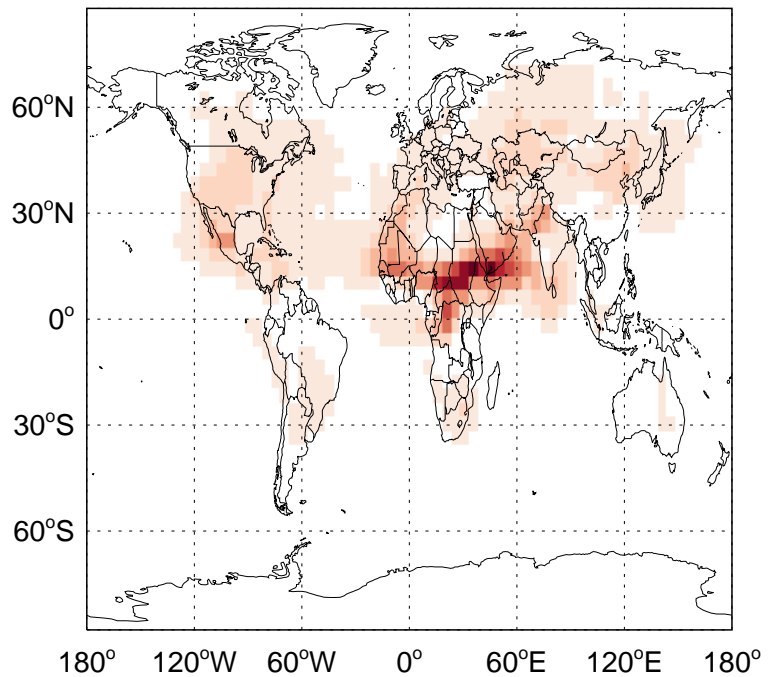
v11-01-public-Run0 - v11-01g-Run0

JBr2 - J-Value Diff @ surface for Jul



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

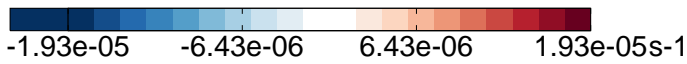
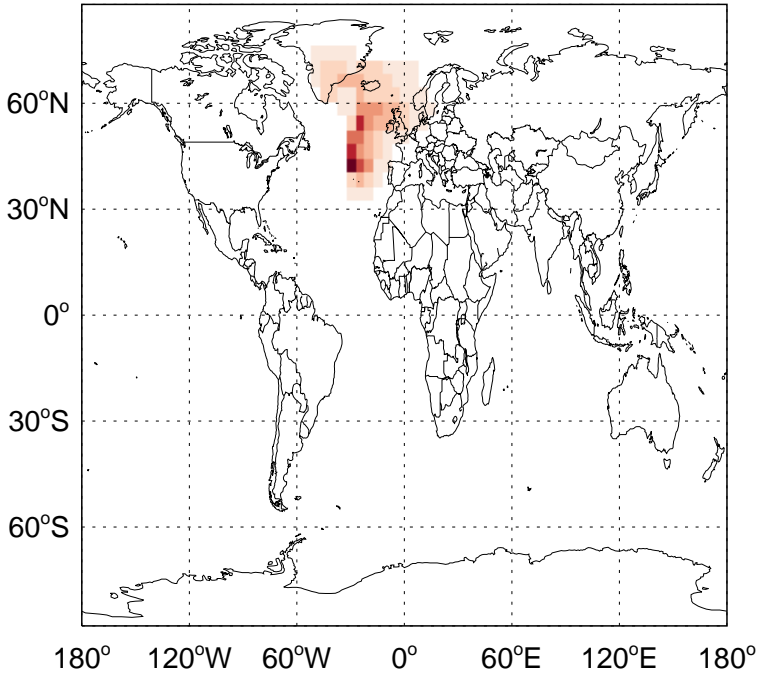
JBr2 - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

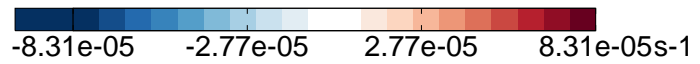
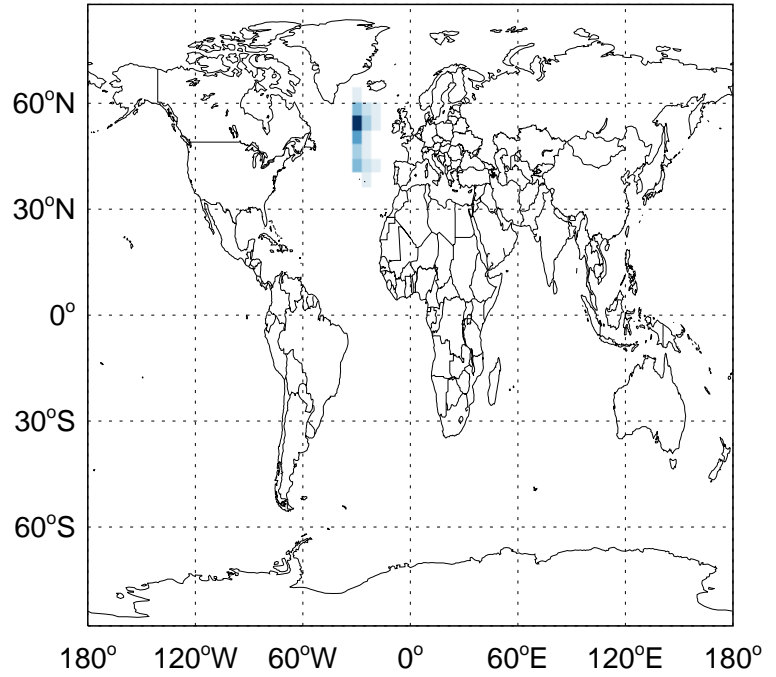
v11-01-public-Run0 - v11-01k-Run0

JBrO - J-Value Diff @ surface for Jul



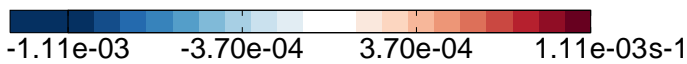
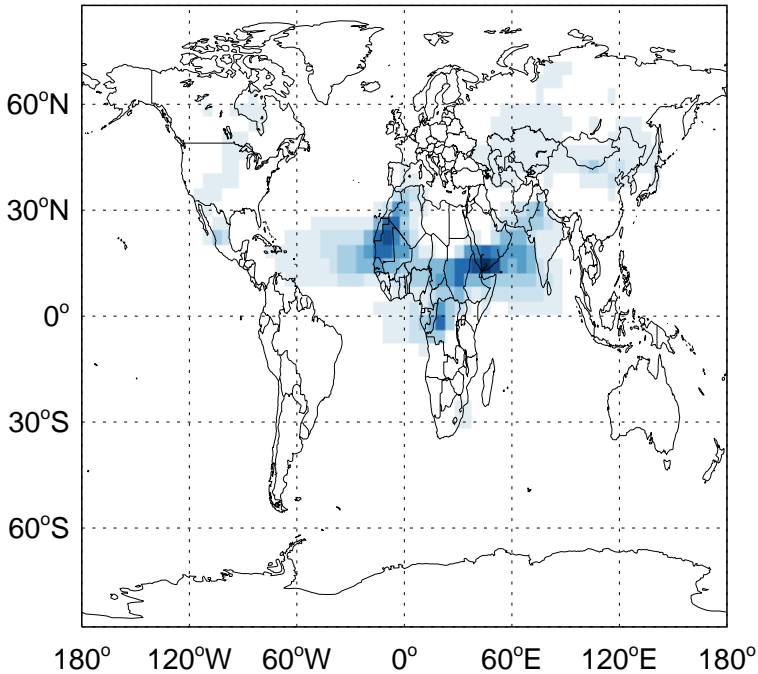
v11-01-public-Run0 - v11-01k-Run0

JBrO - J-Value Diff @ 500 hPa for Jul



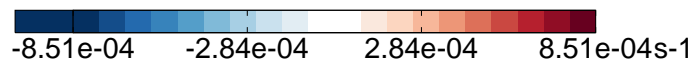
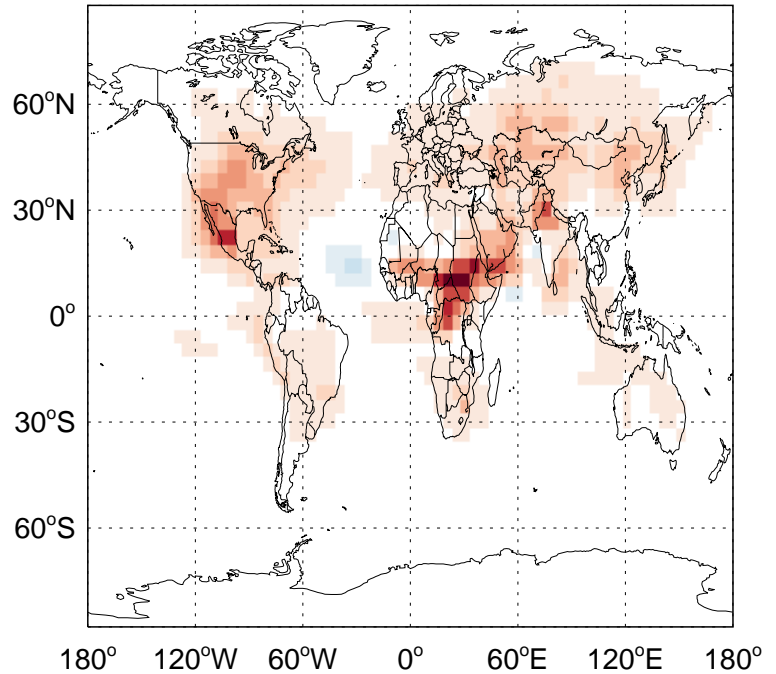
v11-01-public-Run0 - v11-01g-Run0

JBrO - J-Value Diff @ surface for Jul



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

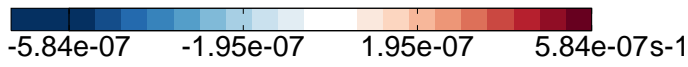
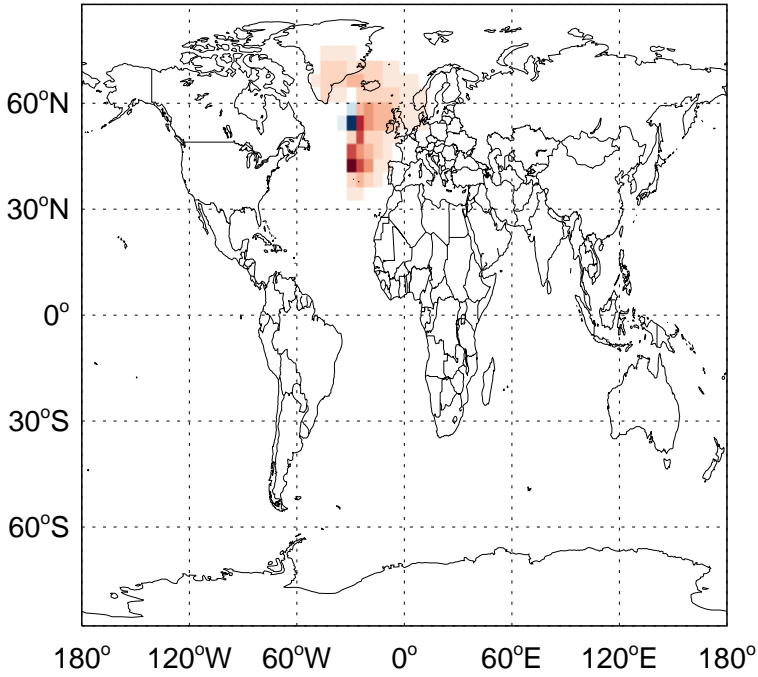
JBrO - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

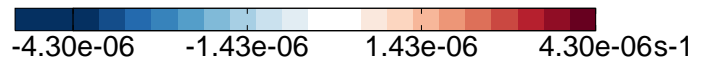
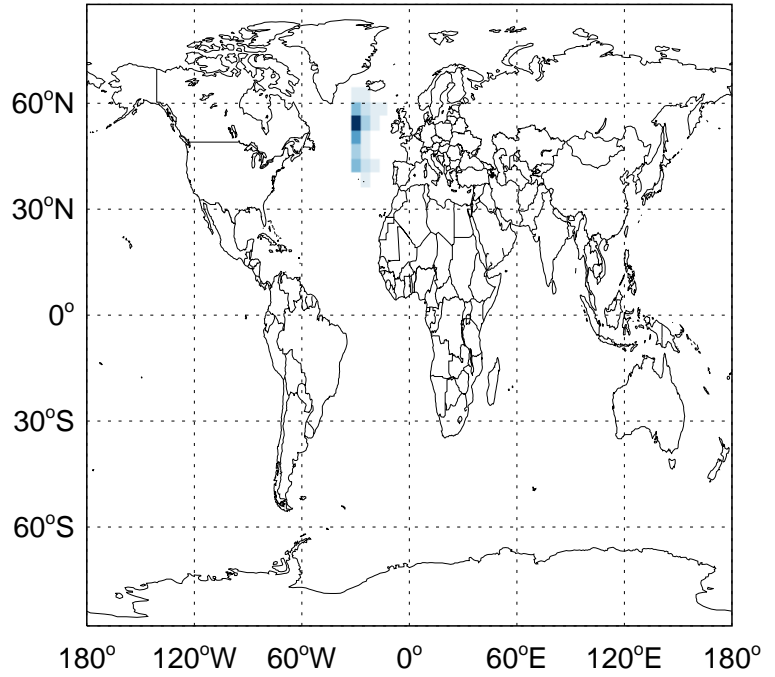
v11-01-public-Run0 - v11-01k-Run0

JHOBr - J-Value Diff @ surface for Jul



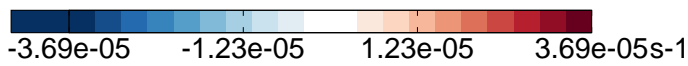
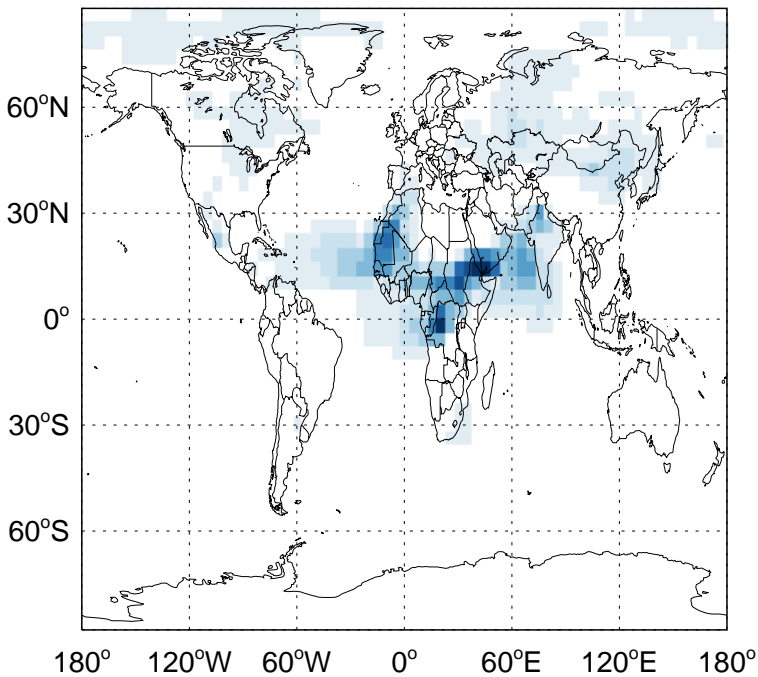
v11-01-public-Run0 - v11-01k-Run0

JHOBr - J-Value Diff @ 500 hPa for Jul



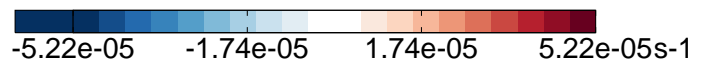
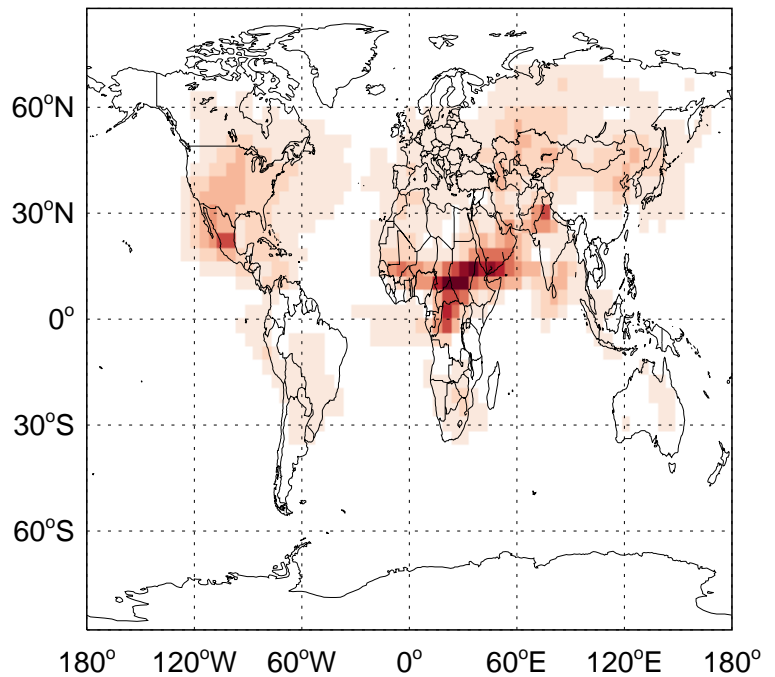
v11-01-public-Run0 - v11-01g-Run0

JHOBr - J-Value Diff @ surface for Jul



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

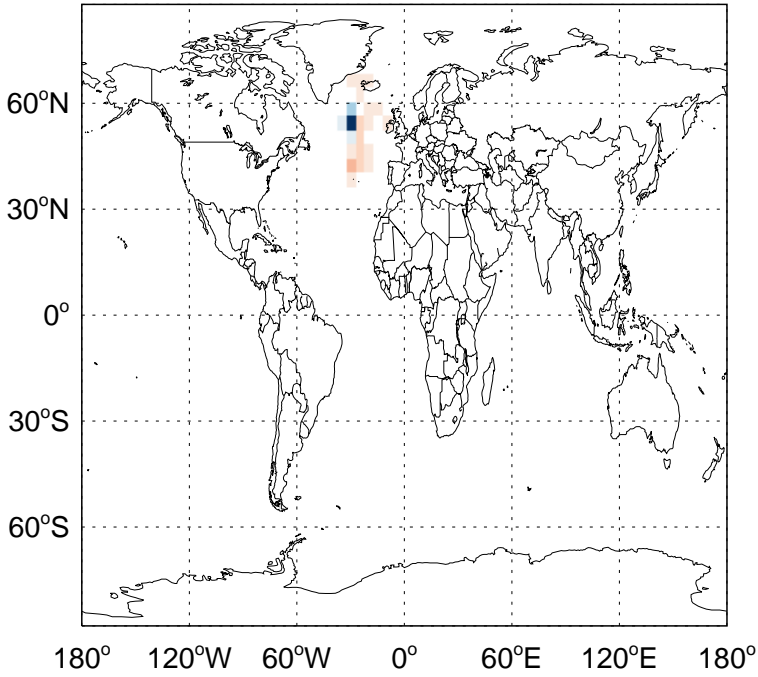
JHOBr - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

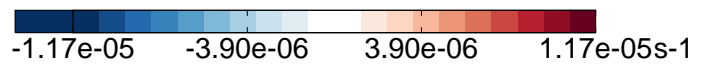
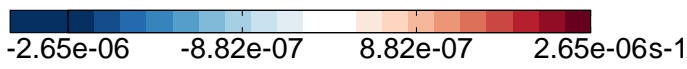
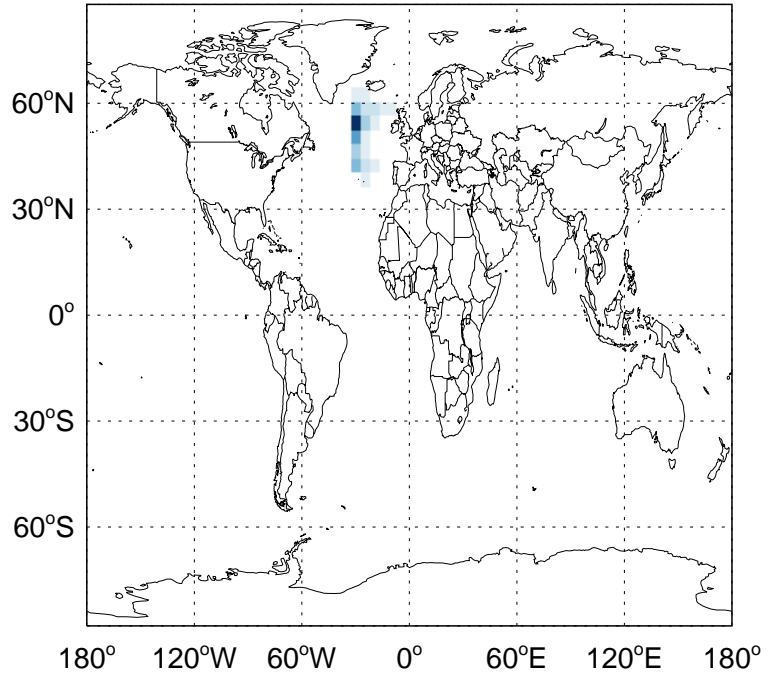
v11-01-public-Run0 - v11-01k-Run0

JBrNO2 - J-Value Diff @ surface for Jul



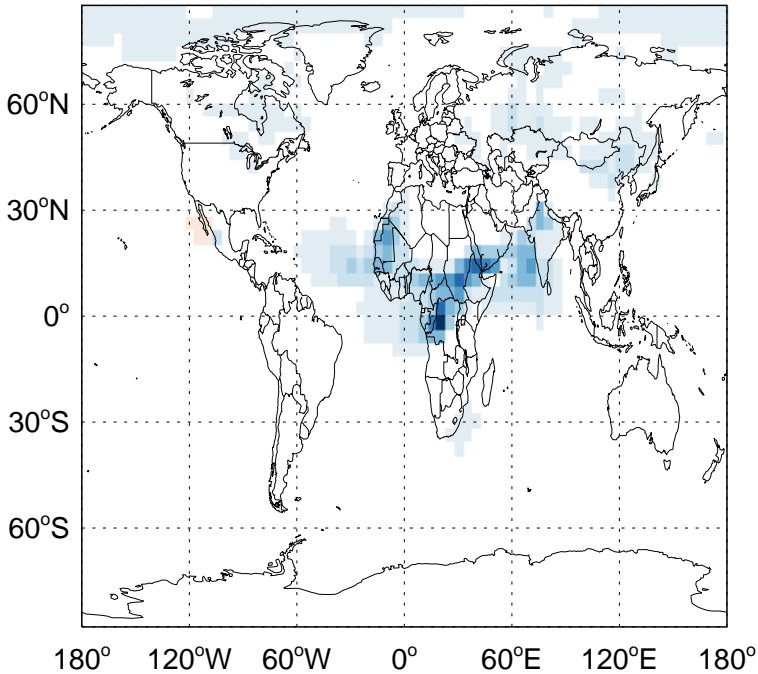
v11-01-public-Run0 - v11-01k-Run0

JBrNO2 - J-Value Diff @ 500 hPa for Jul



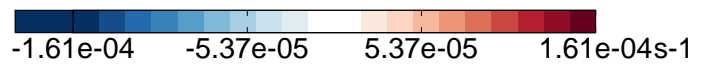
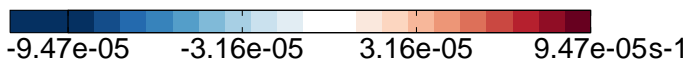
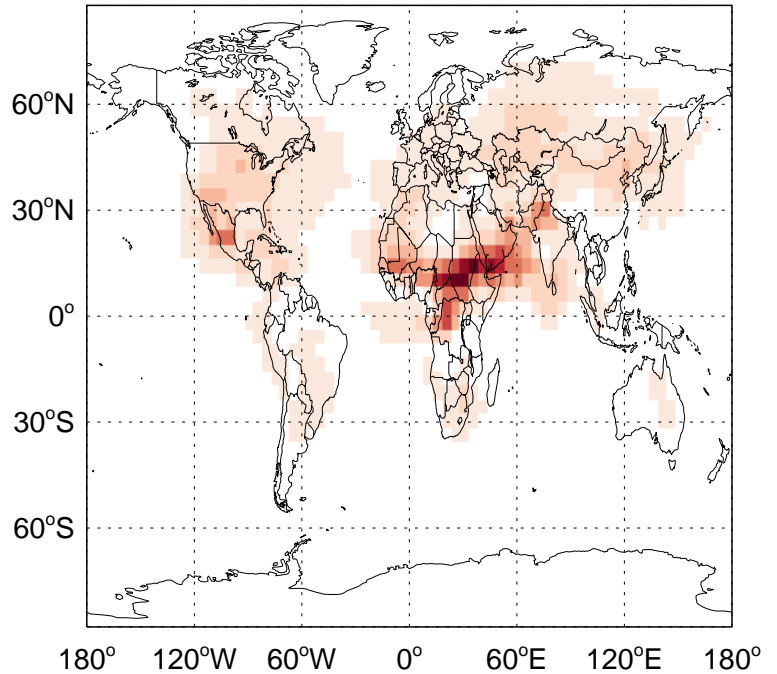
v11-01-public-Run0 - v11-01g-Run0

JBrNO2 - J-Value Diff @ surface for Jul



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

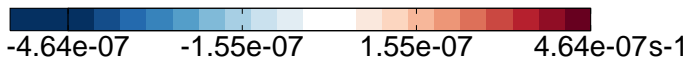
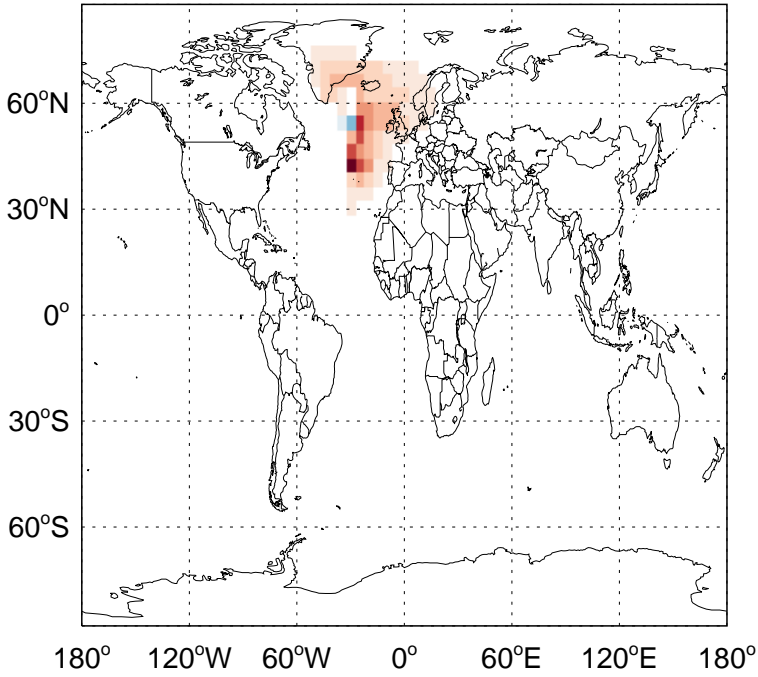
JBrNO2 - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

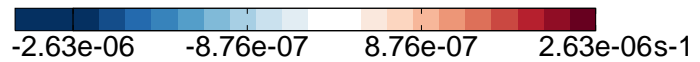
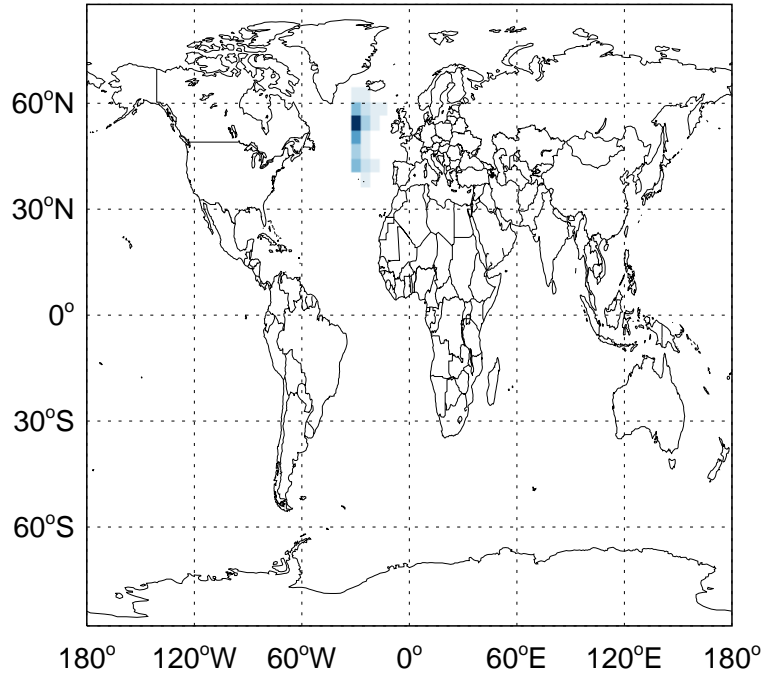
v11-01-public-Run0 - v11-01k-Run0

JBrNO3 - J-Value Diff @ surface for Jul



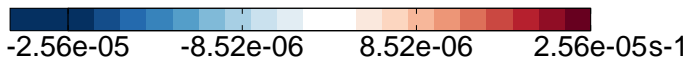
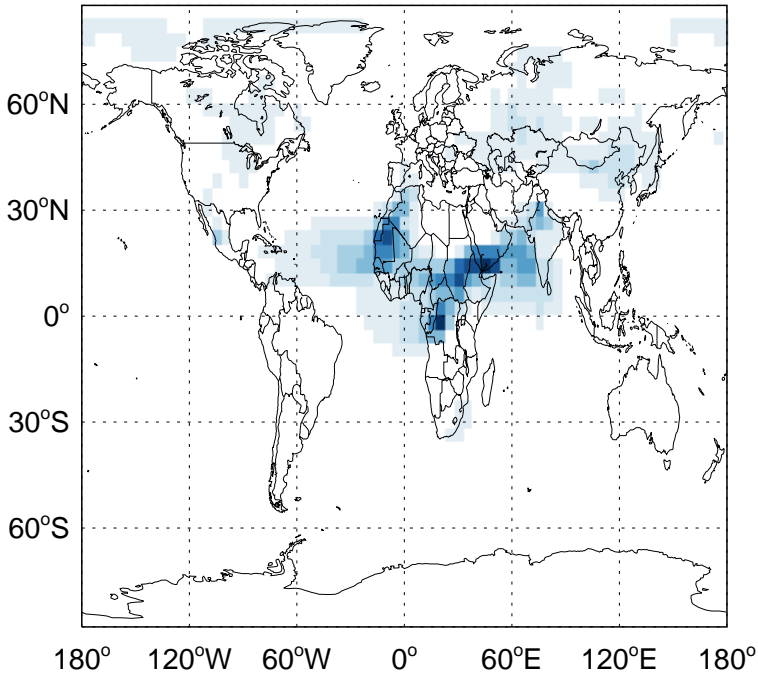
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JBrNO3 - J-Value Diff @ 500 hPa for Jul



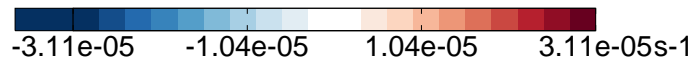
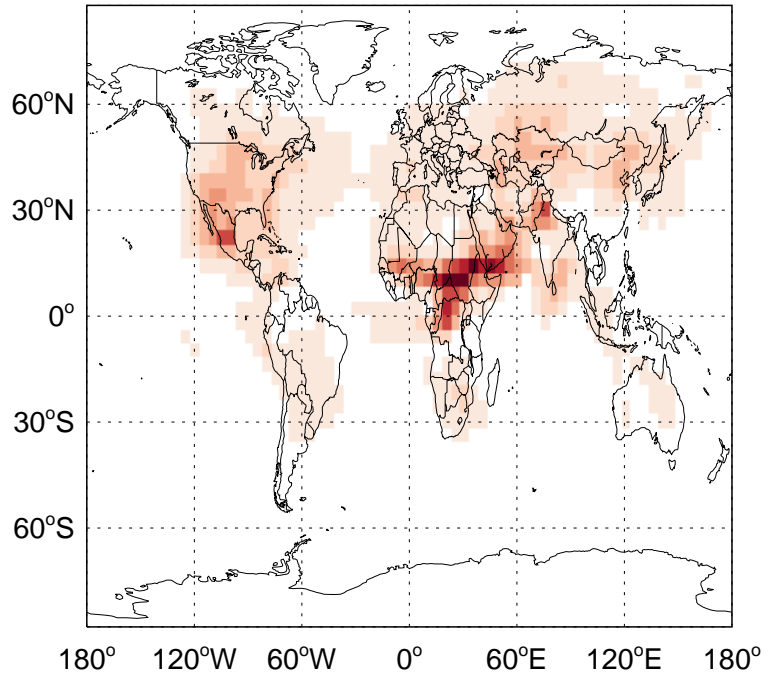
v11-01-public-Run0 - v11-01g-Run0

JBrNO3 - J-Value Diff @ surface for Jul



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

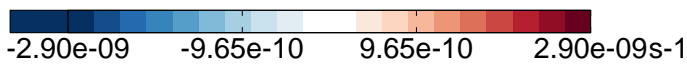
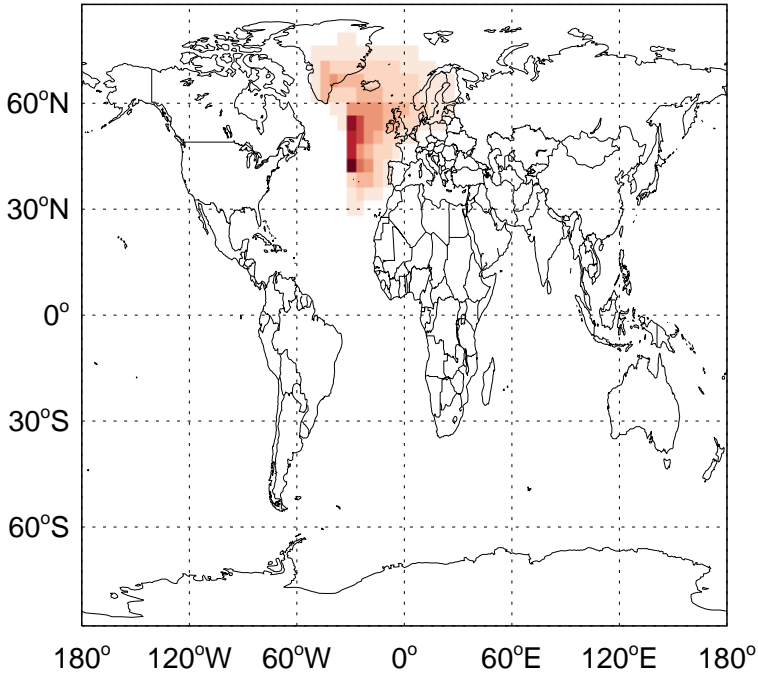
JBrNO3 - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

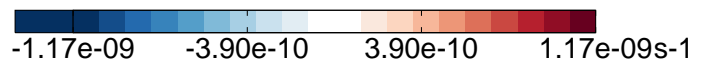
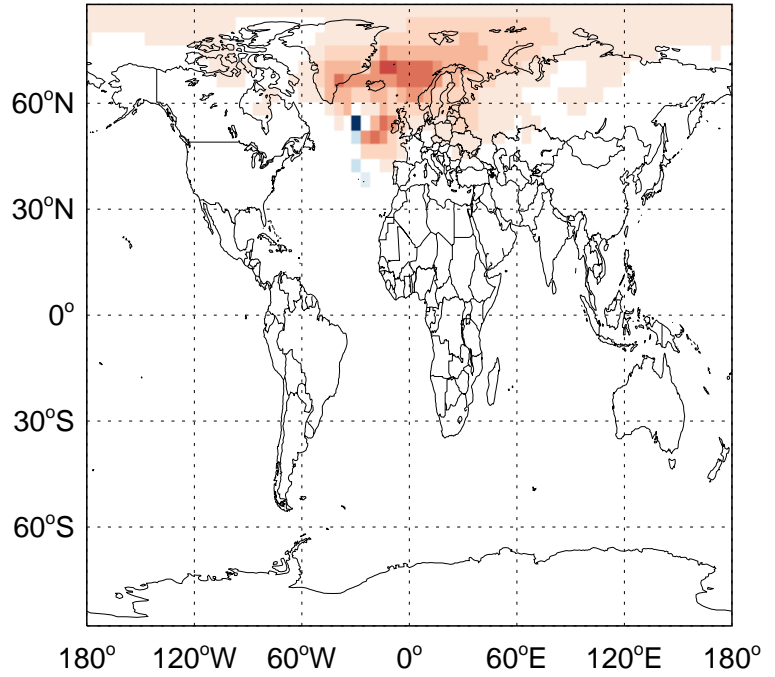
v11-01-public-Run0 - v11-01k-Run0

JCHBr3 - J-Value Diff @ surface for Jul



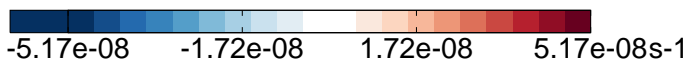
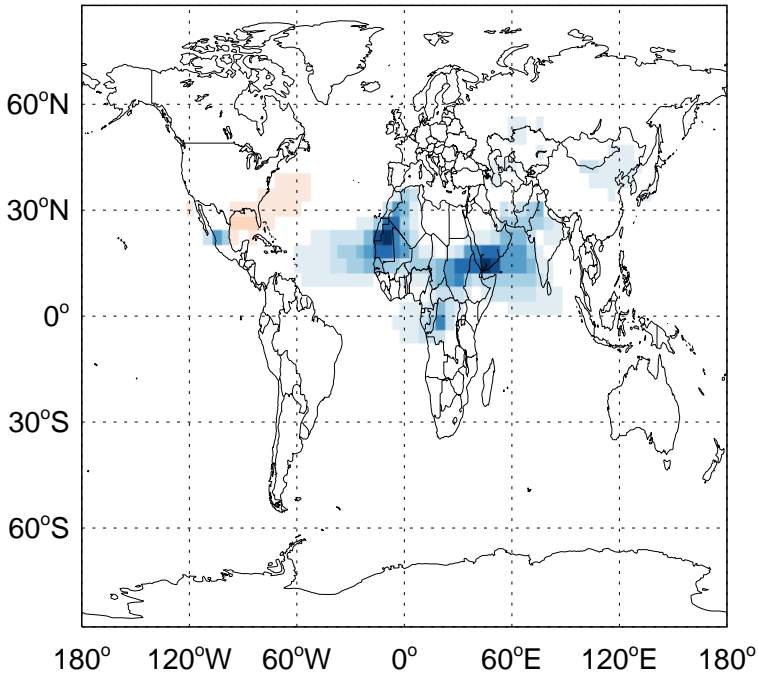
v11-01-public-Run0 - v11-01k-Run0

JCHBr3 - J-Value Diff @ 500 hPa for Jul



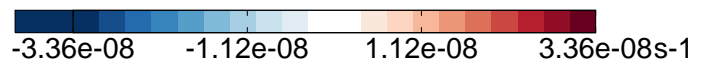
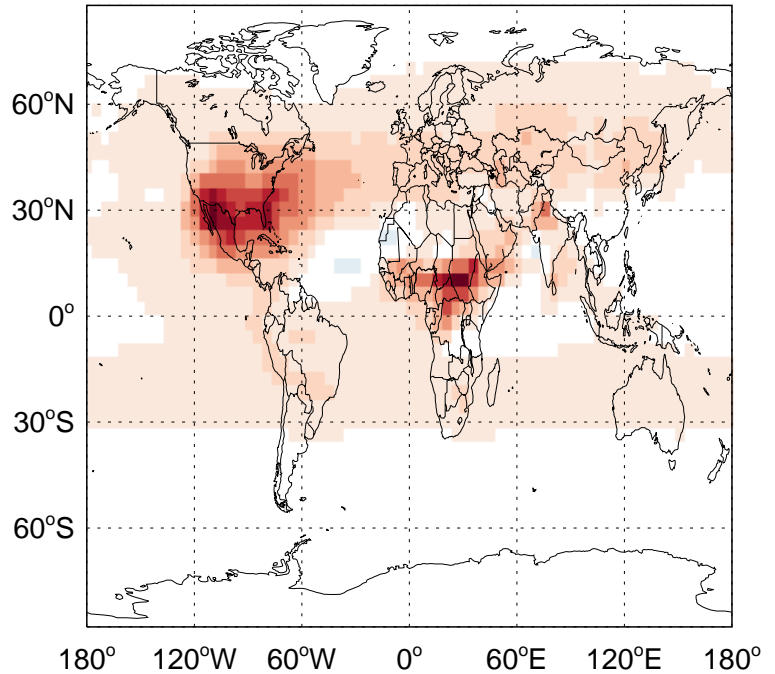
v11-01-public-Run0 - v11-01g-Run0

JCHBr3 - J-Value Diff @ surface for Jul



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

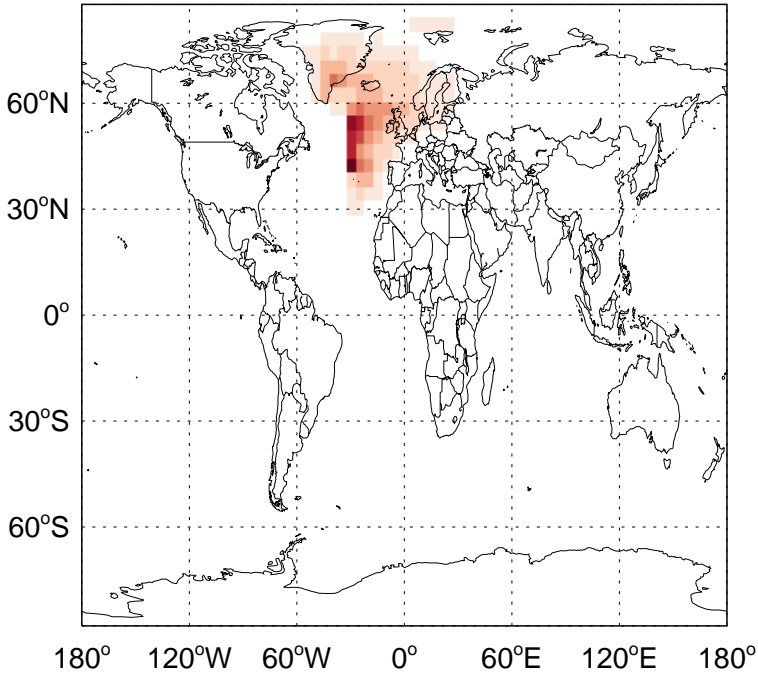
JCHBr3 - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

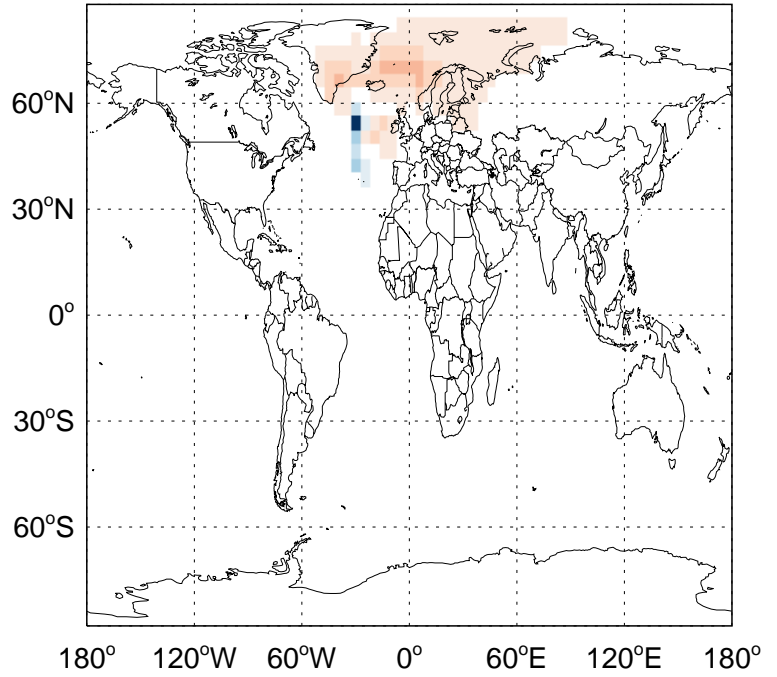
v11-01-public-Run0 - v11-01k-Run0

JHAC - J-Value Diff @ surface for Jul



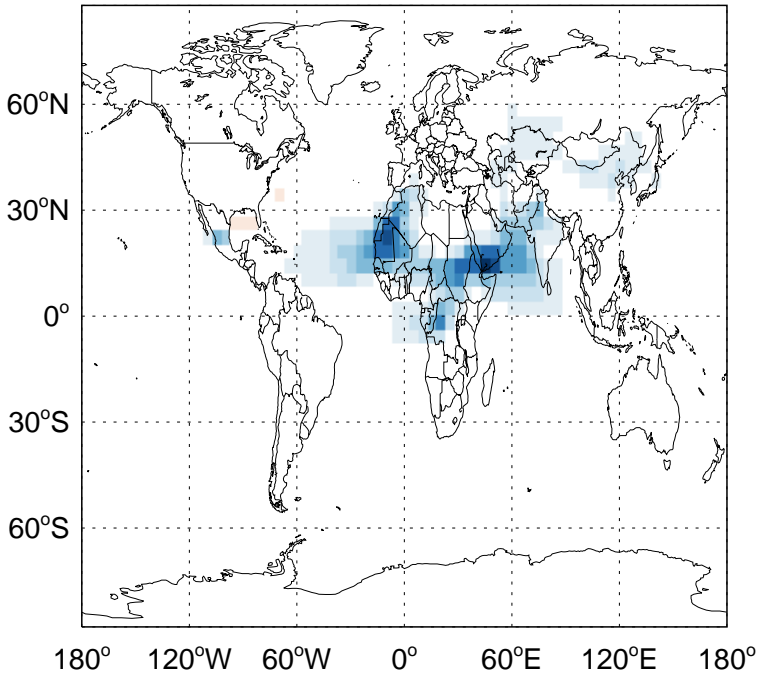
v11-01-public-Run0 - v11-01k-Run0

JHAC - J-Value Diff @ 500 hPa for Jul



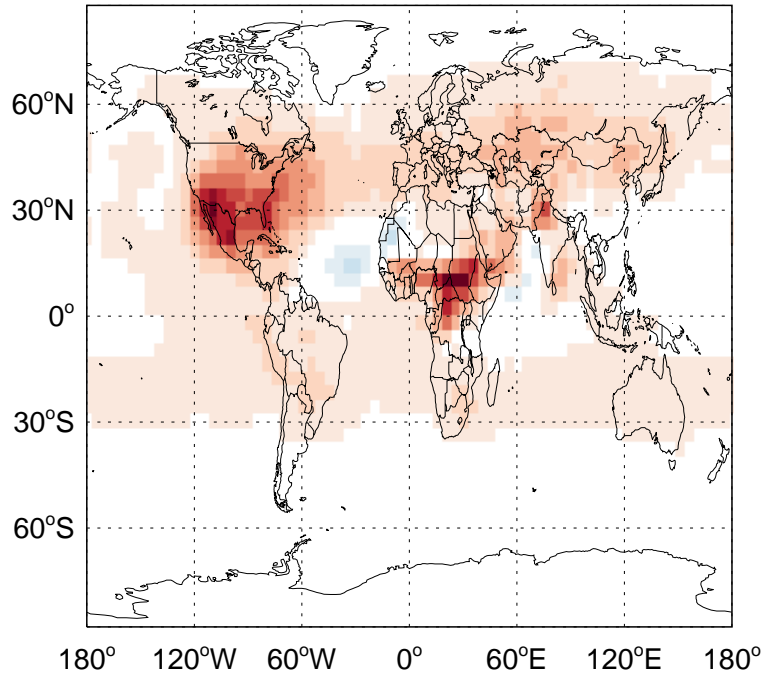
v11-01-public-Run0 - v11-01g-Run0

JHAC - J-Value Diff @ surface for Jul



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

JHAC - J-Value Diff @ 500 hPa for Jul



-3.12e-09 -1.04e-09 1.04e-09 3.12e-09s-1

-3.21e-09 -1.07e-09 1.07e-09 3.21e-09s-1

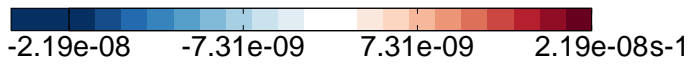
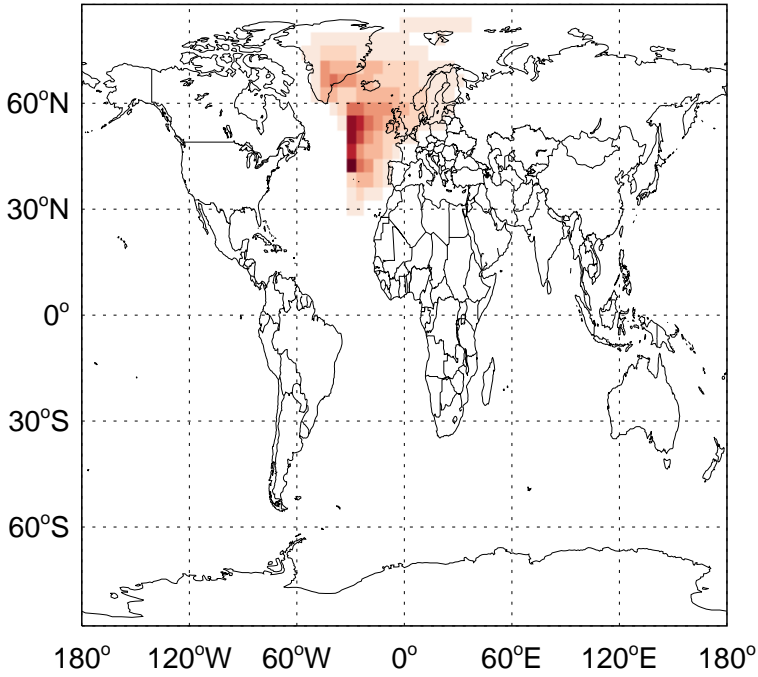
-7.32e-08 -2.44e-08 2.44e-08 7.32e-08s-1

-5.16e-08 -1.72e-08 1.72e-08 5.16e-08s-1

GEOS-Chem J-Values at surface and 500 hPa

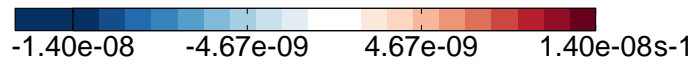
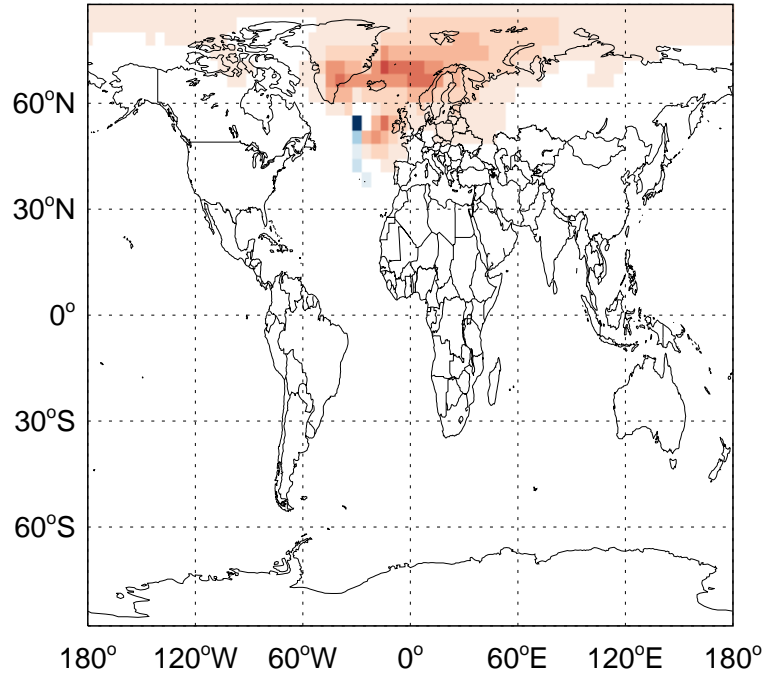
v11-01-public-Run0 - v11-01k-Run0

JGLYC - J-Value Diff @ surface for Jul



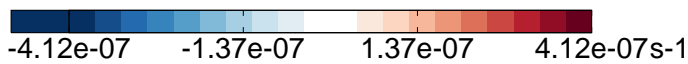
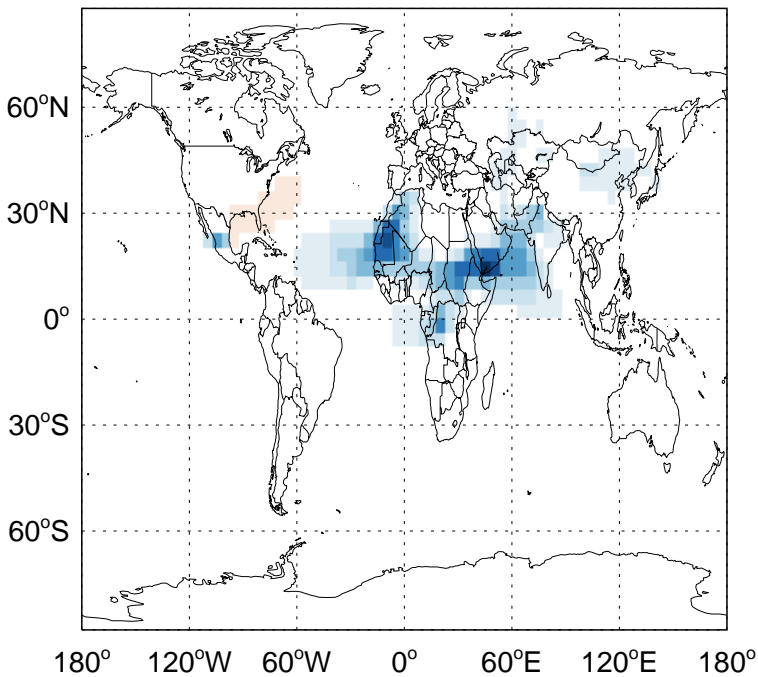
v11-01-public-Run0 - v11-01k-Run0

JGLYC - J-Value Diff @ 500 hPa for Jul



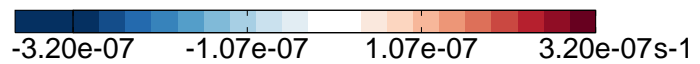
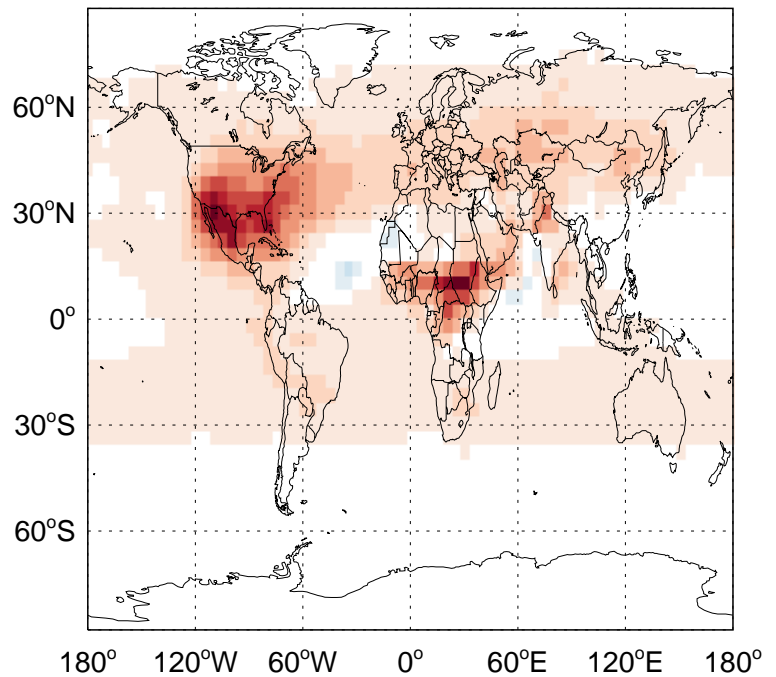
v11-01-public-Run0 - v11-01g-Run0

JGLYC - J-Value Diff @ surface for Jul



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

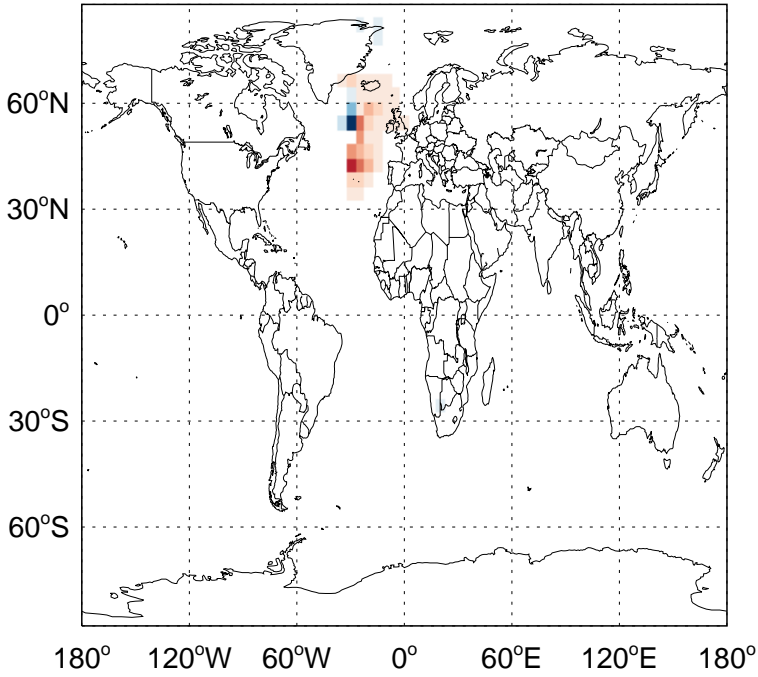
JGLYC - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

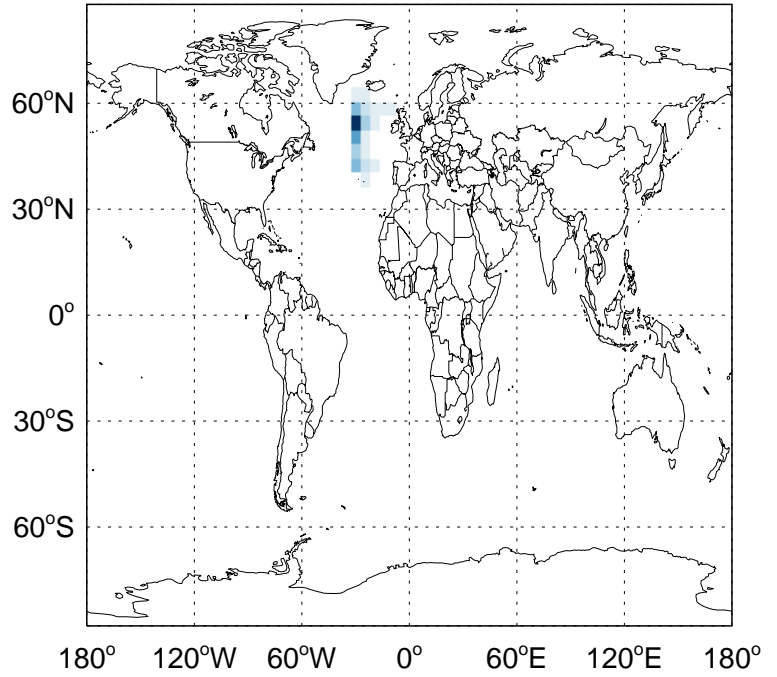
v11-01-public-Run0 - v11-01k-Run0

JNO2 - J-Value Diff @ surface for Jul



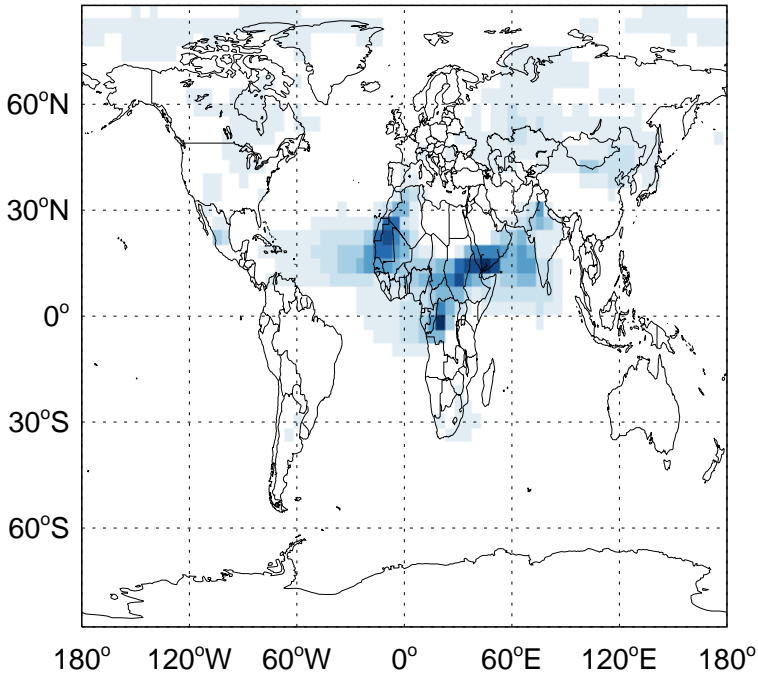
v11-01-public-Run0 - v11-01k-Run0

JNO2 - J-Value Diff @ 500 hPa for Jul



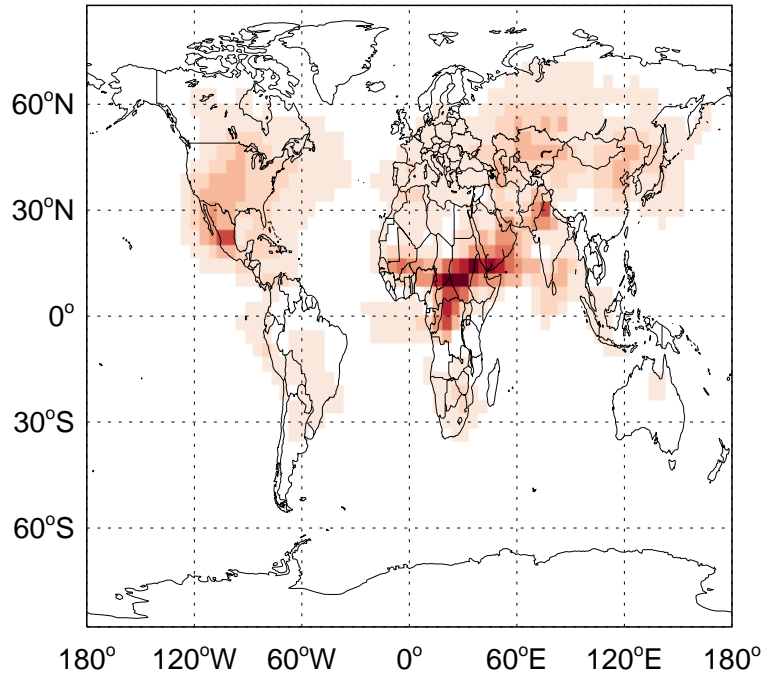
v11-01-public-Run0 - v11-01g-Run0

JNO2 - J-Value Diff @ surface for Jul



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

JNO2 - J-Value Diff @ 500 hPa for Jul



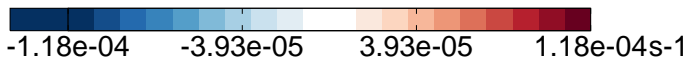
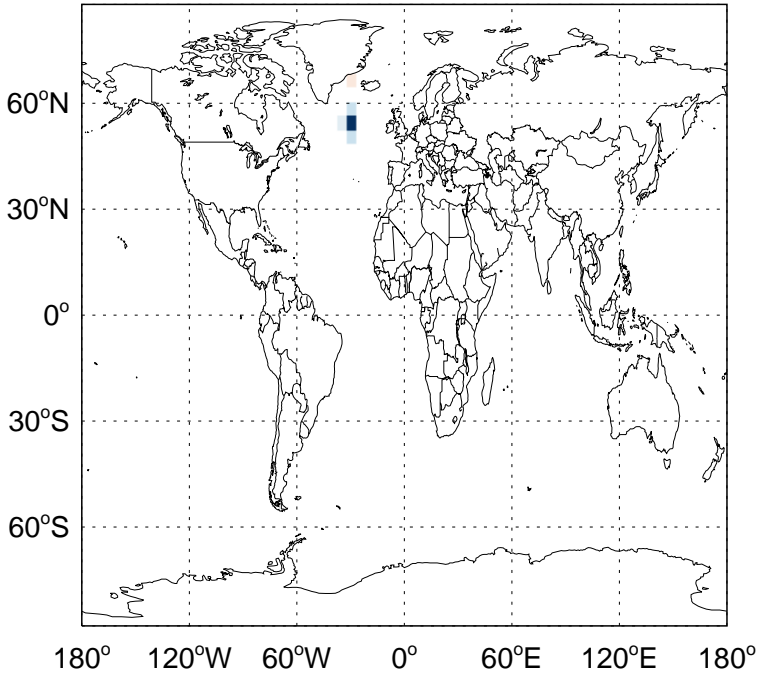
-1.78e-04 -5.95e-05 5.95e-05 1.78e-04s-1

-2.18e-04 -7.27e-05 7.27e-05 2.18e-04s-1

GEOS-Chem J-Values at surface and 500 hPa

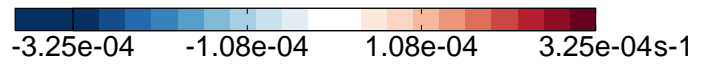
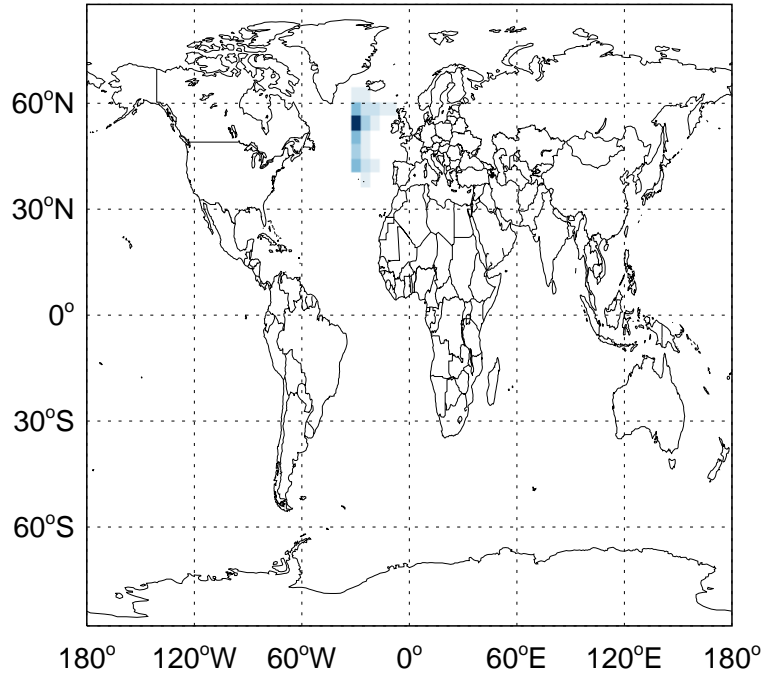
v11-01-public-Run0 - v11-01k-Run0

JNO3 - J-Value Diff @ surface for Jul



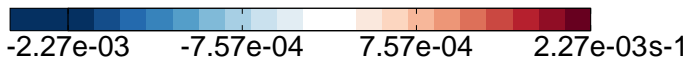
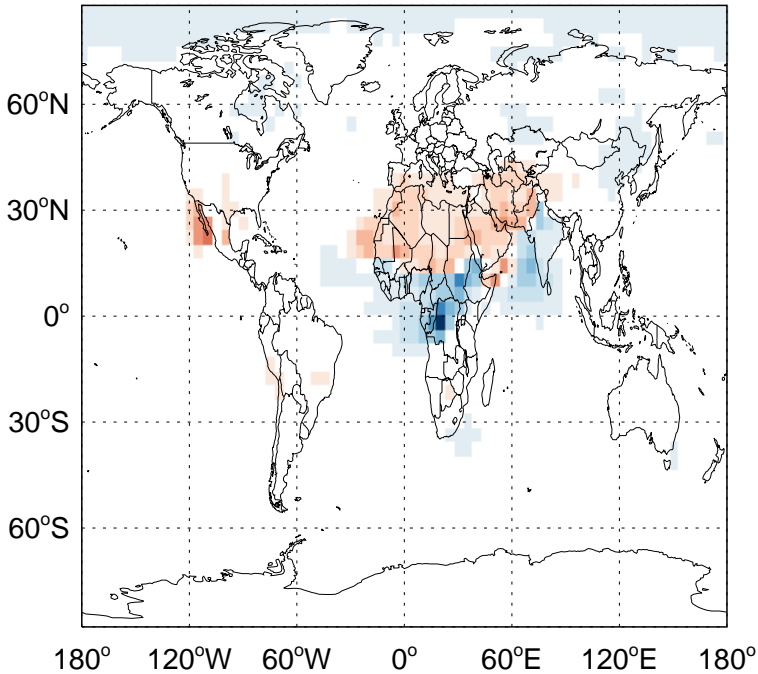
v11-01-public-Run0 - v11-01k-Run0

JNO3 - J-Value Diff @ 500 hPa for Jul



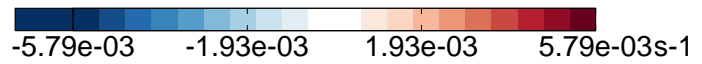
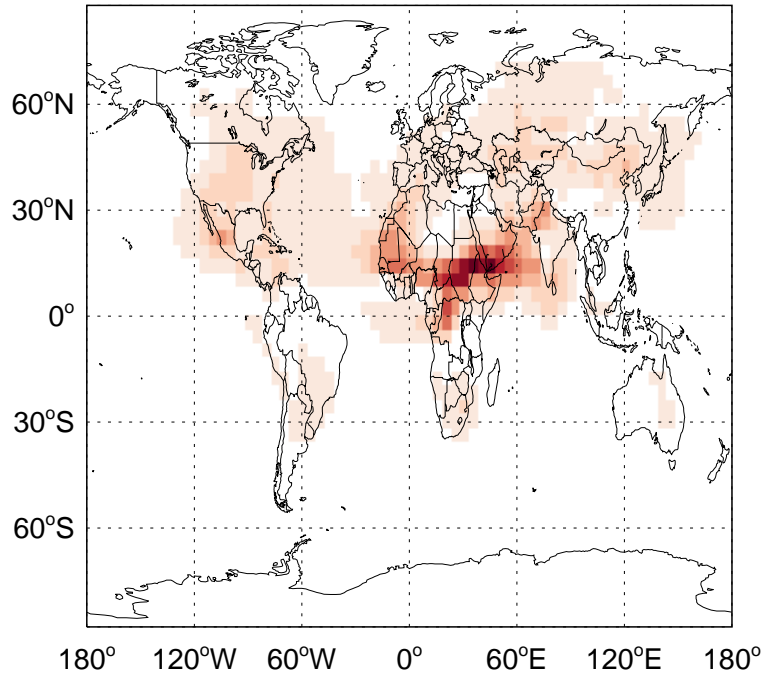
v11-01-public-Run0 - v11-01g-Run0

JNO3 - J-Value Diff @ surface for Jul



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

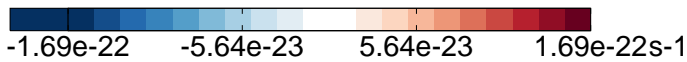
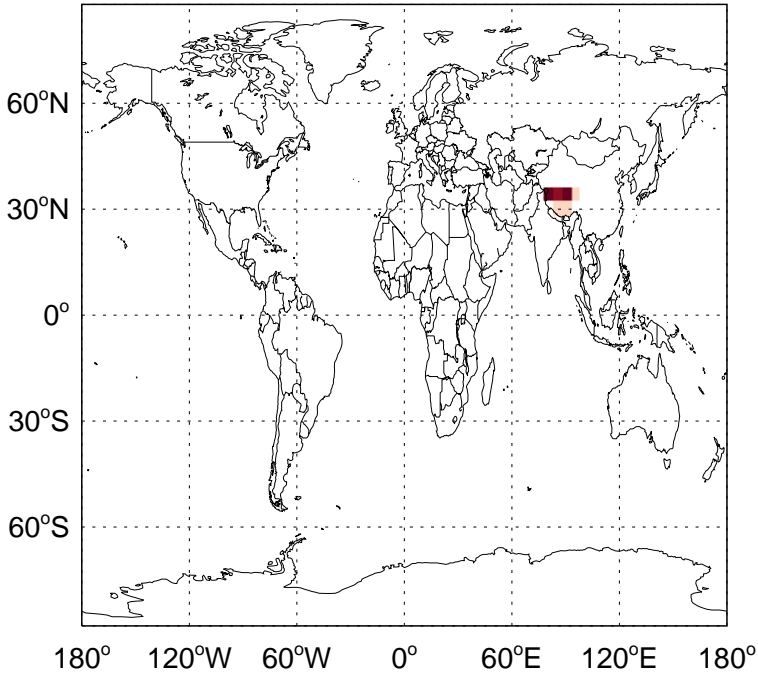
JNO3 - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

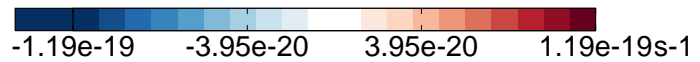
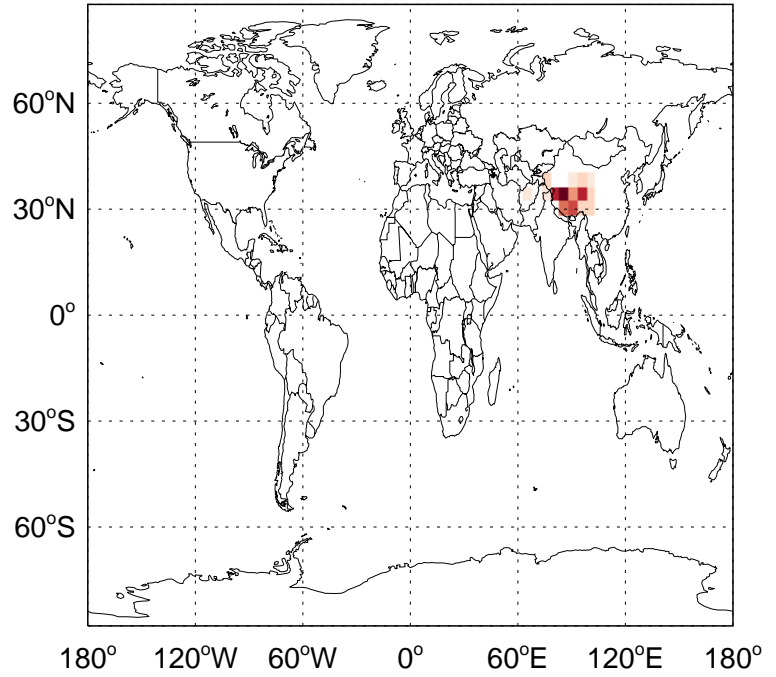
v11-01-public-Run0 - v11-01k-Run0

JN2O - J-Value Diff @ surface for Jul



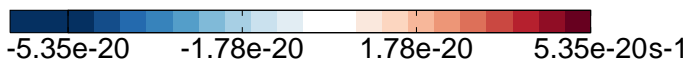
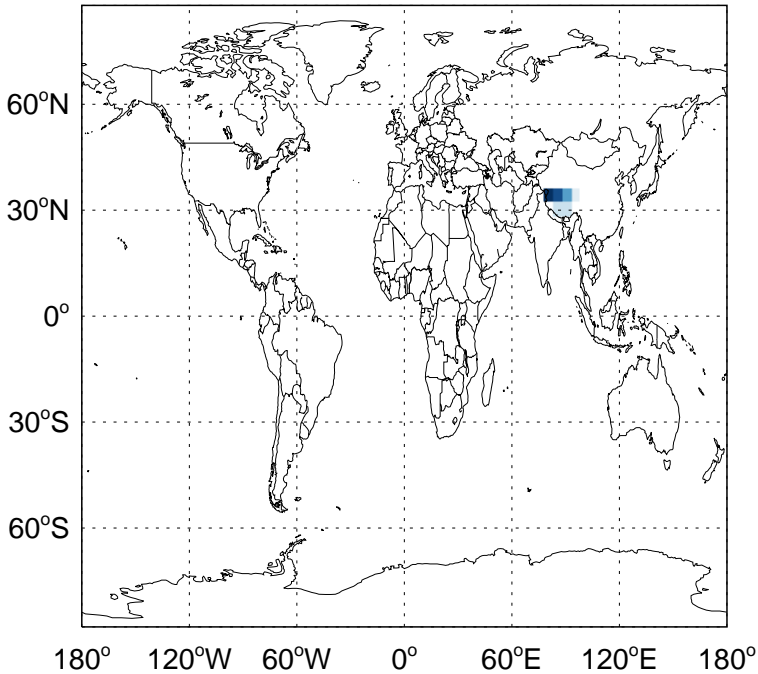
v11-01-public-Run0 - v11-01k-Run0

JN2O - J-Value Diff @ 500 hPa for Jul



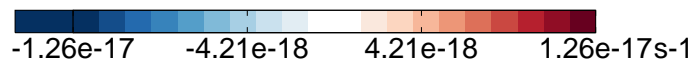
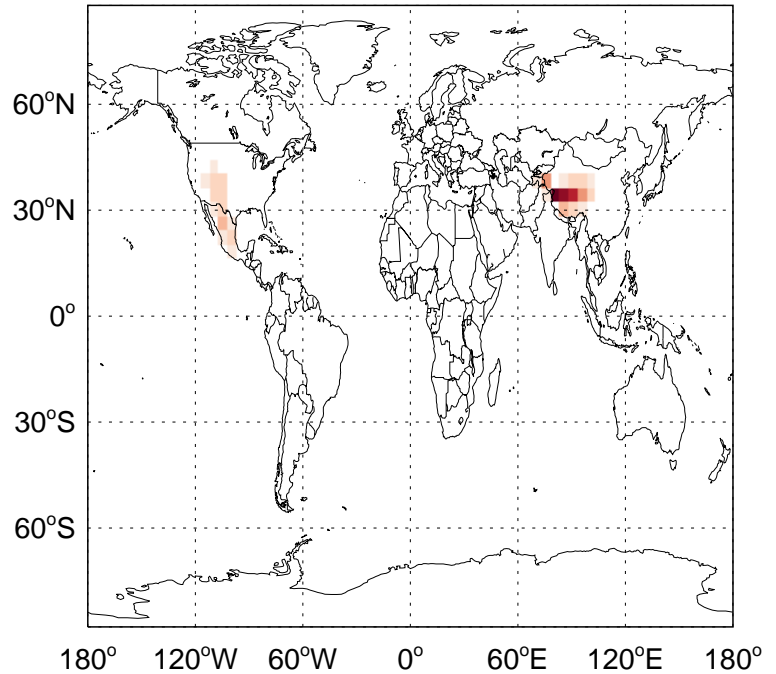
v11-01-public-Run0 - v11-01g-Run0

JN2O - J-Value Diff @ surface for Jul



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

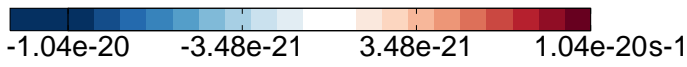
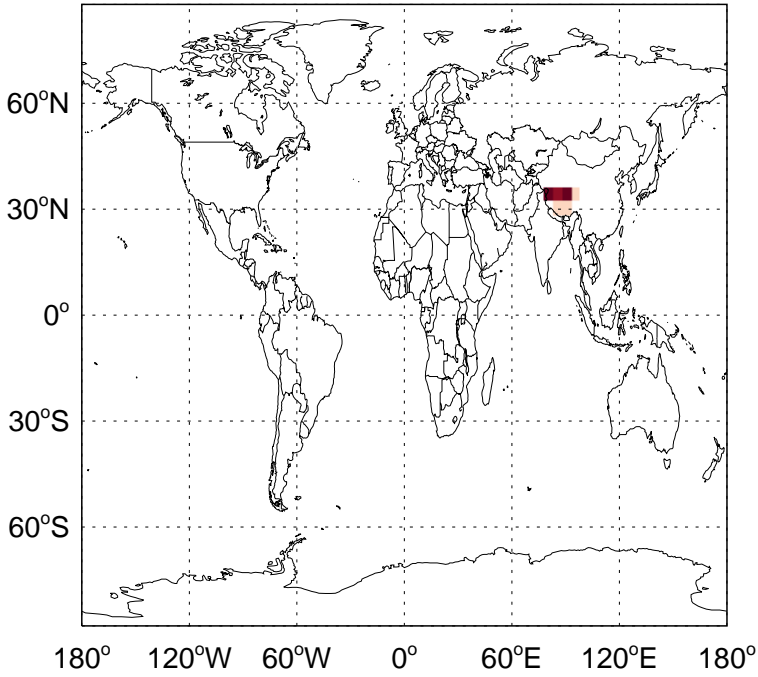
JN2O - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

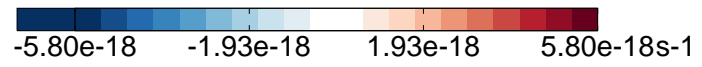
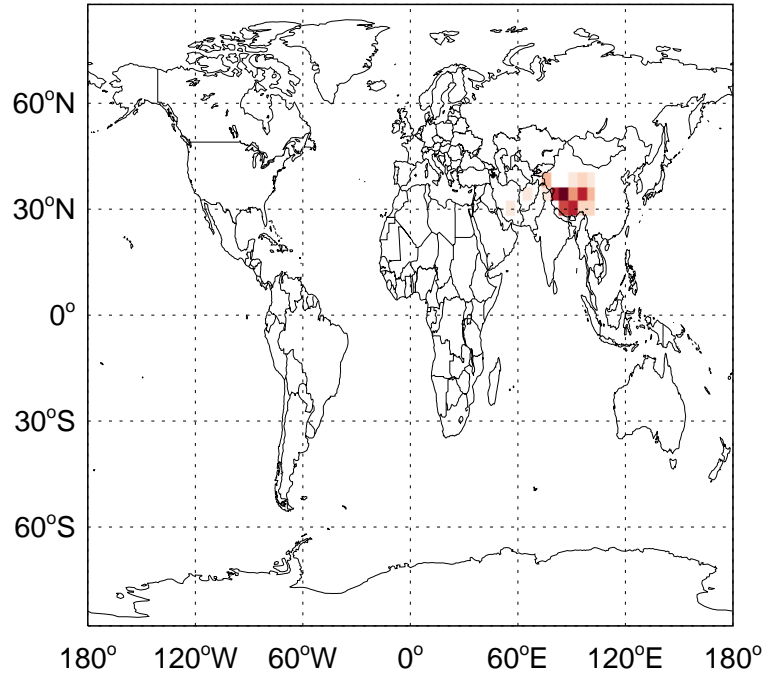
v11-01-public-Run0 - v11-01k-Run0

JCCI4 - J-Value Diff @ surface for Jul



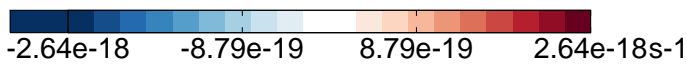
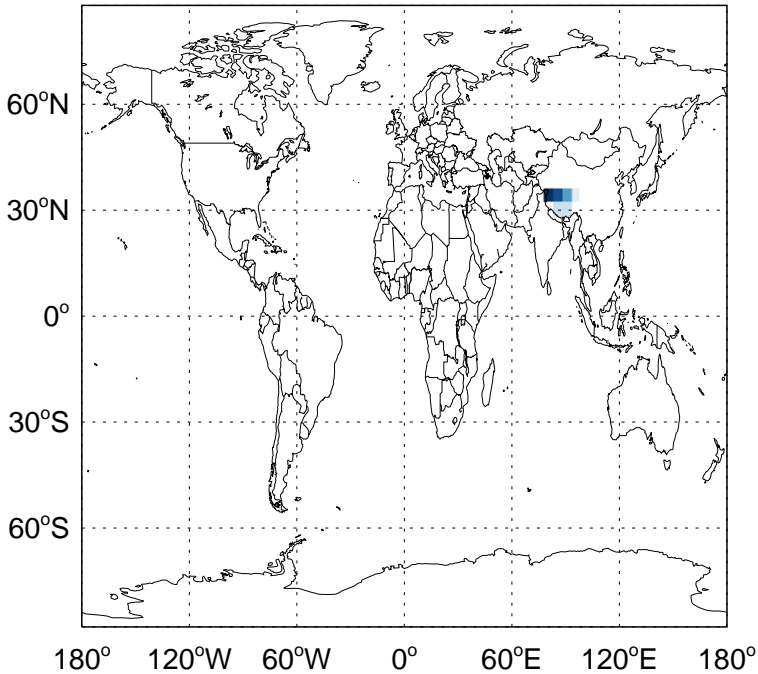
v11-01-public-Run0 - v11-01k-Run0

JCCI4 - J-Value Diff @ 500 hPa for Jul



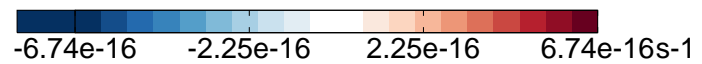
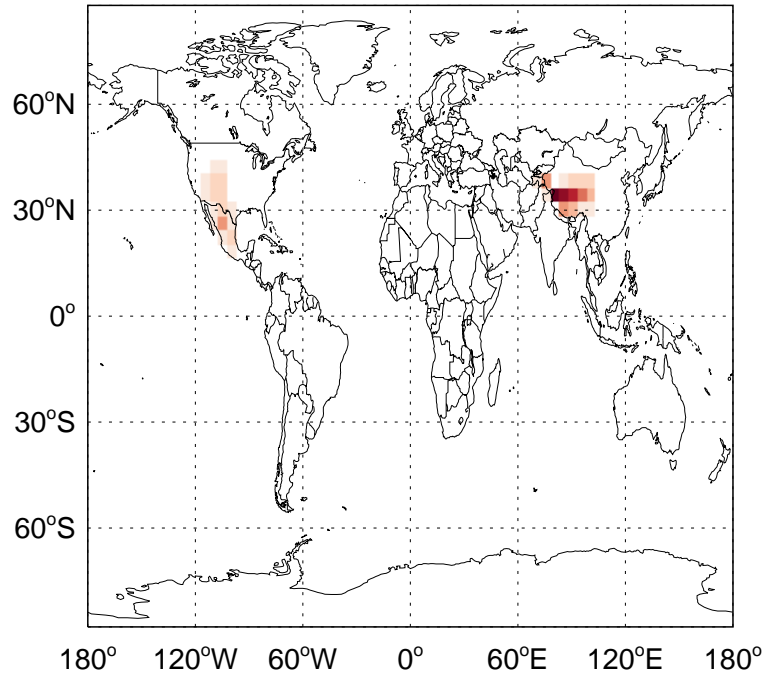
v11-01-public-Run0 - v11-01g-Run0

JCCI4 - J-Value Diff @ surface for Jul



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

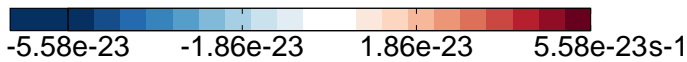
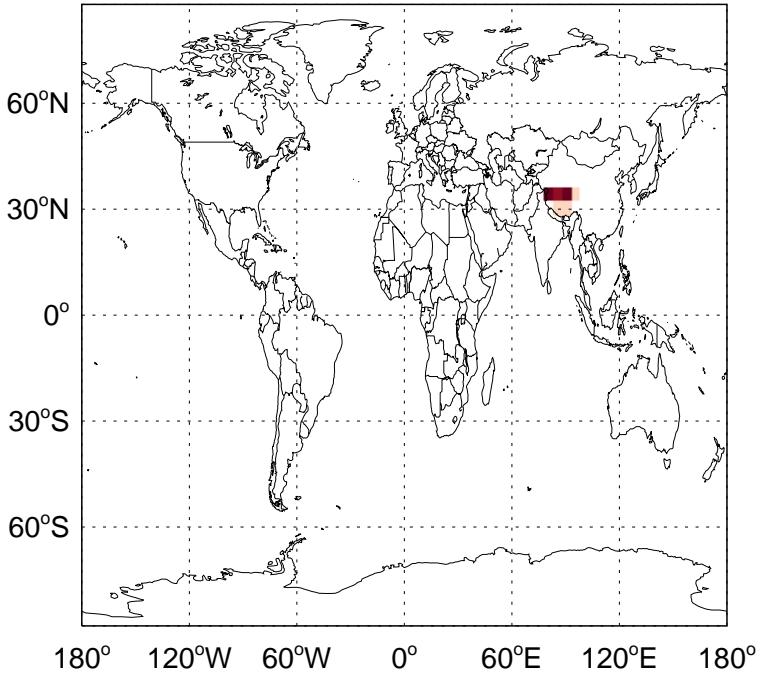
JCCI4 - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

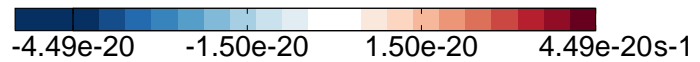
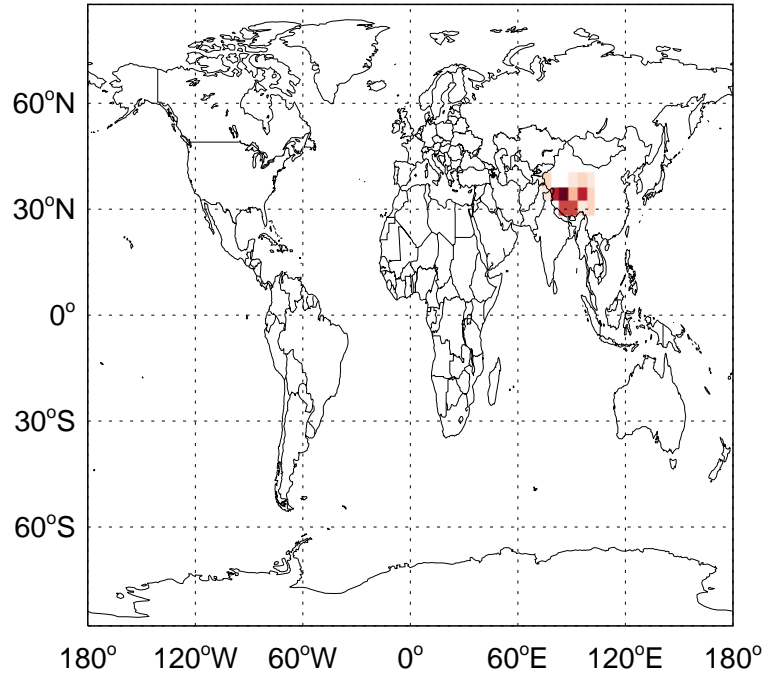
v11-01-public-Run0 - v11-01k-Run0

JCH3Cl - J-Value Diff @ surface for Jul



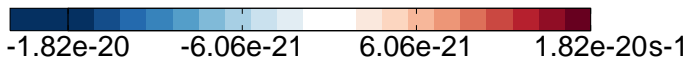
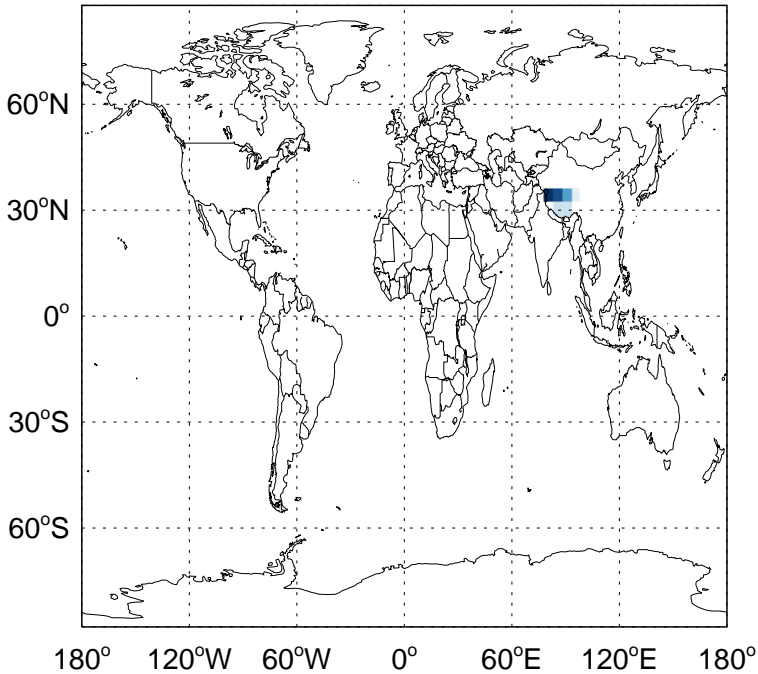
v11-01-public-Run0 - v11-01k-Run0

JCH3Cl - J-Value Diff @ 500 hPa for Jul



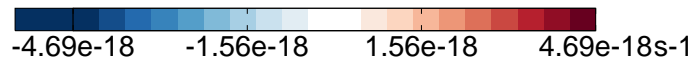
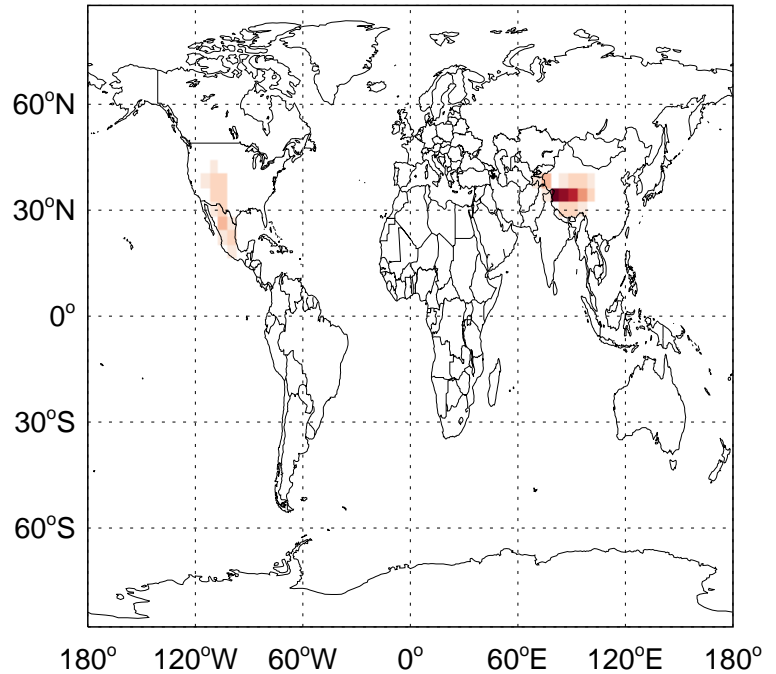
v11-01-public-Run0 - v11-01g-Run0

JCH3Cl - J-Value Diff @ surface for Jul



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

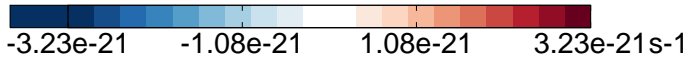
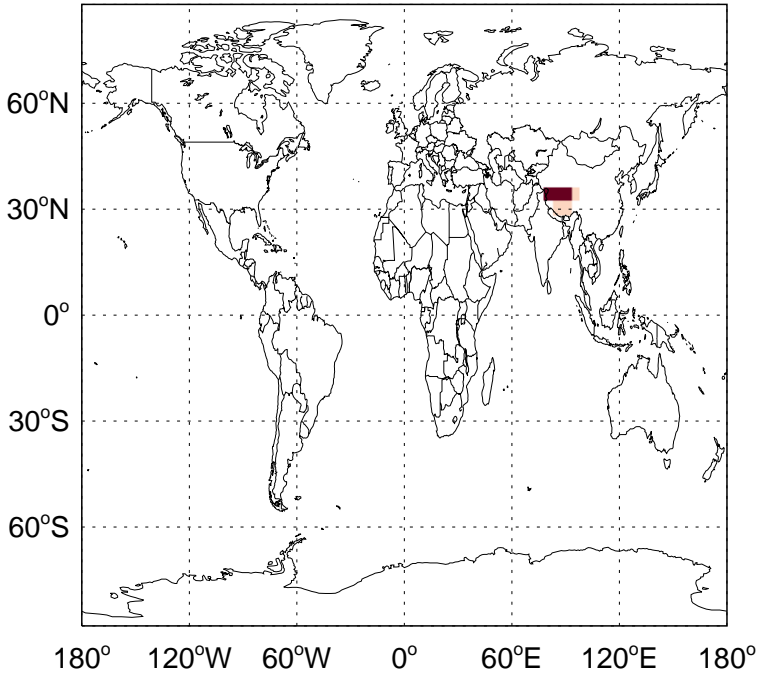
JCH3Cl - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

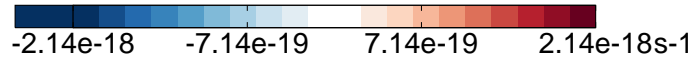
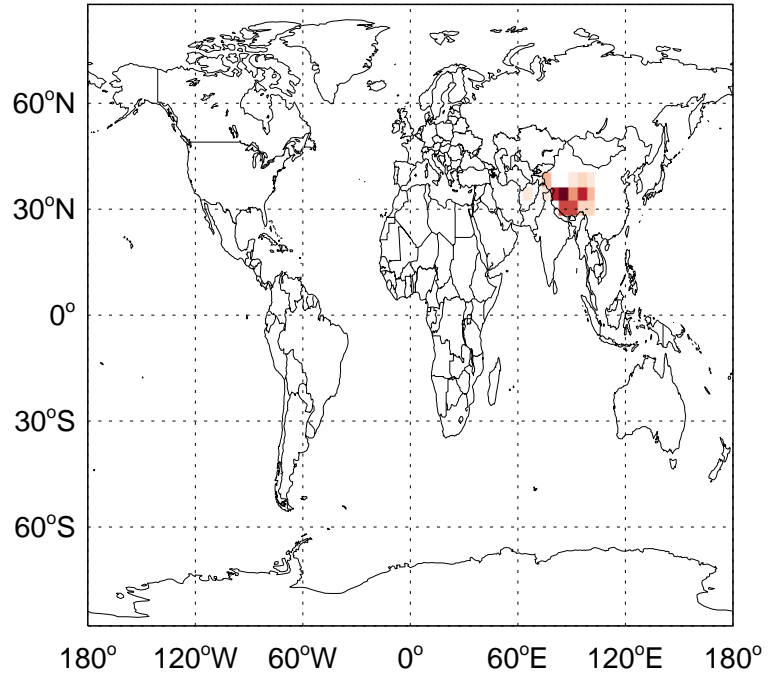
v11-01-public-Run0 - v11-01k-Run0

JCFC11 - J-Value Diff @ surface for Jul



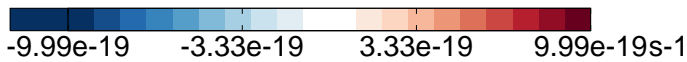
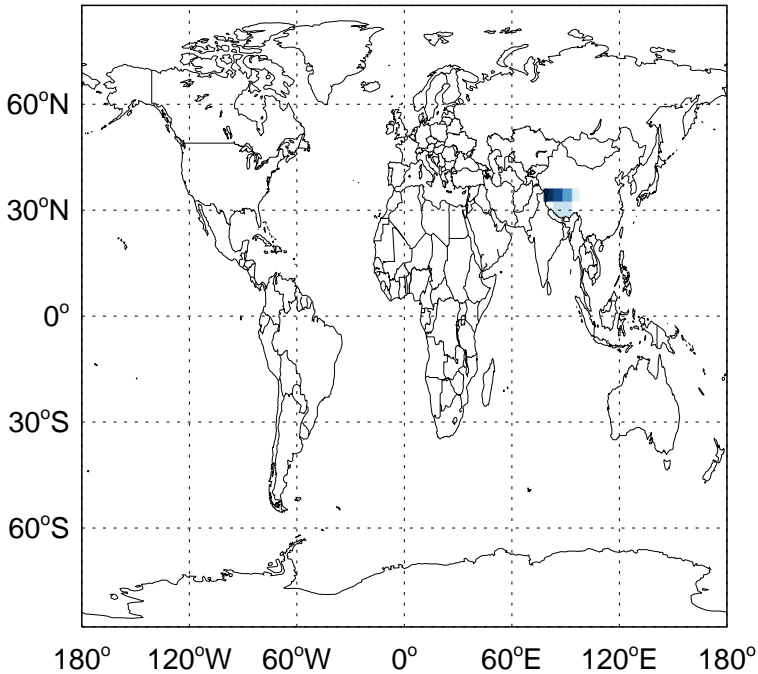
v11-01-public-Run0 - v11-01k-Run0

JCFC11 - J-Value Diff @ 500 hPa for Jul



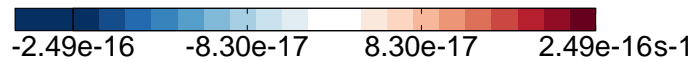
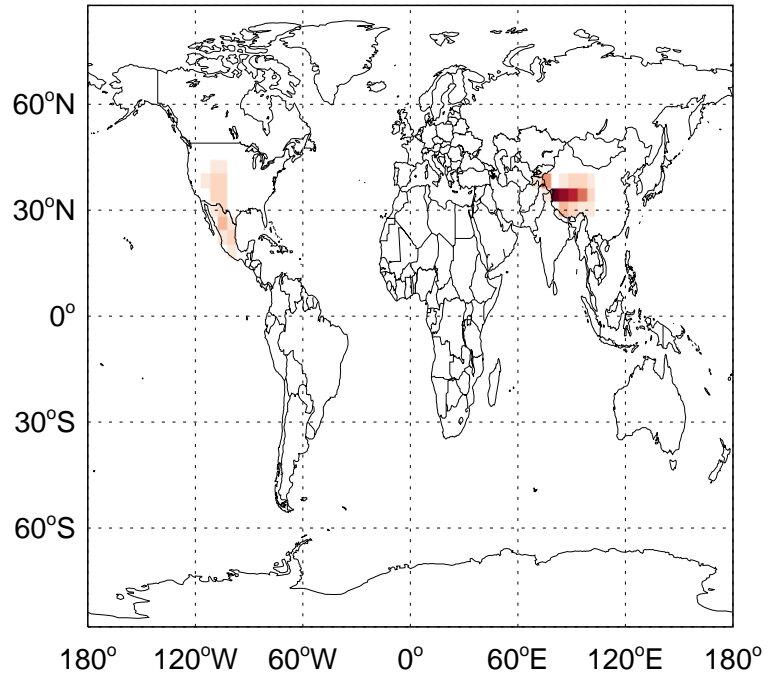
v11-01-public-Run0 - v11-01g-Run0

JCFC11 - J-Value Diff @ surface for Jul



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

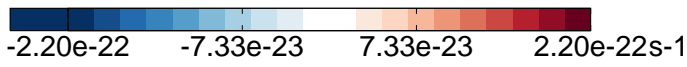
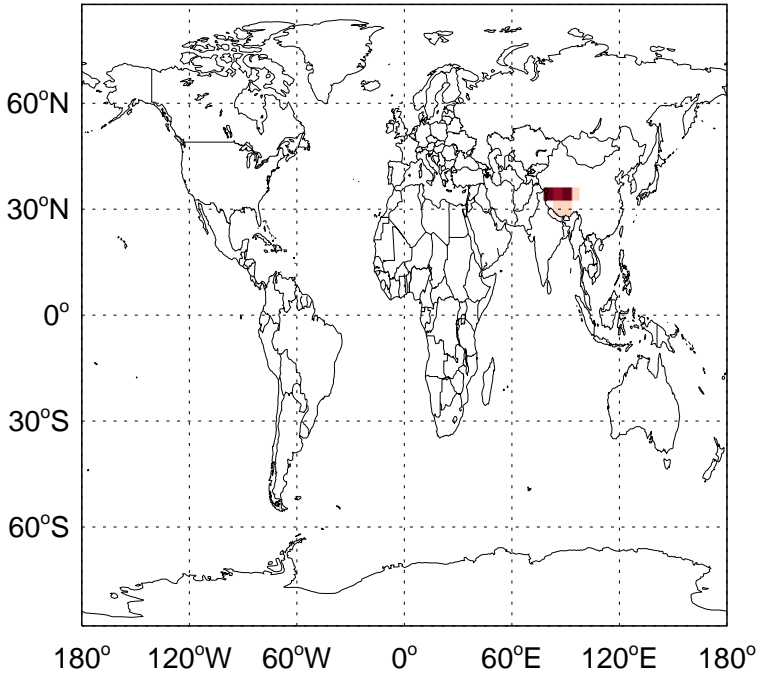
JCFC11 - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

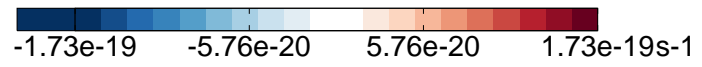
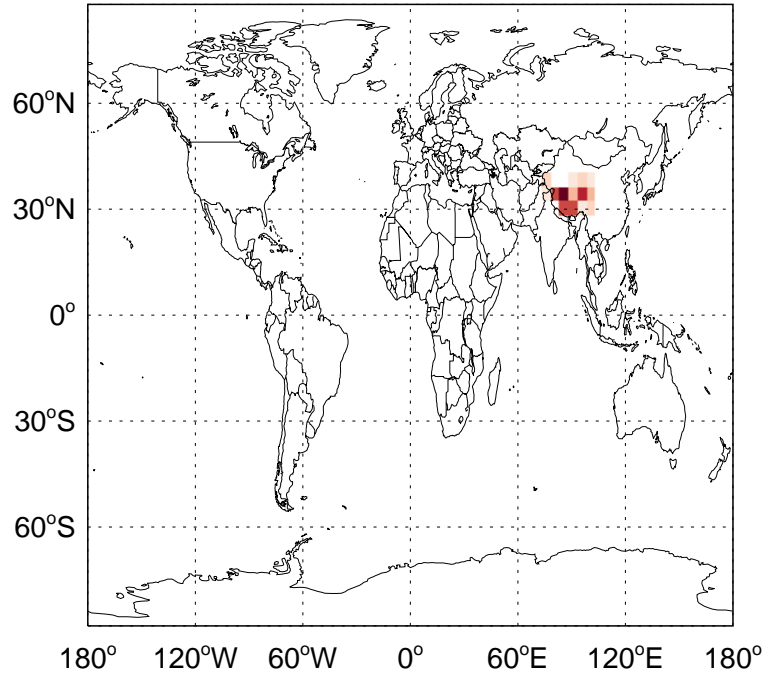
v11-01-public-Run0 - v11-01k-Run0

JCFC12 - J-Value Diff @ surface for Jul



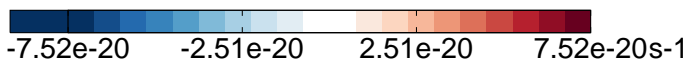
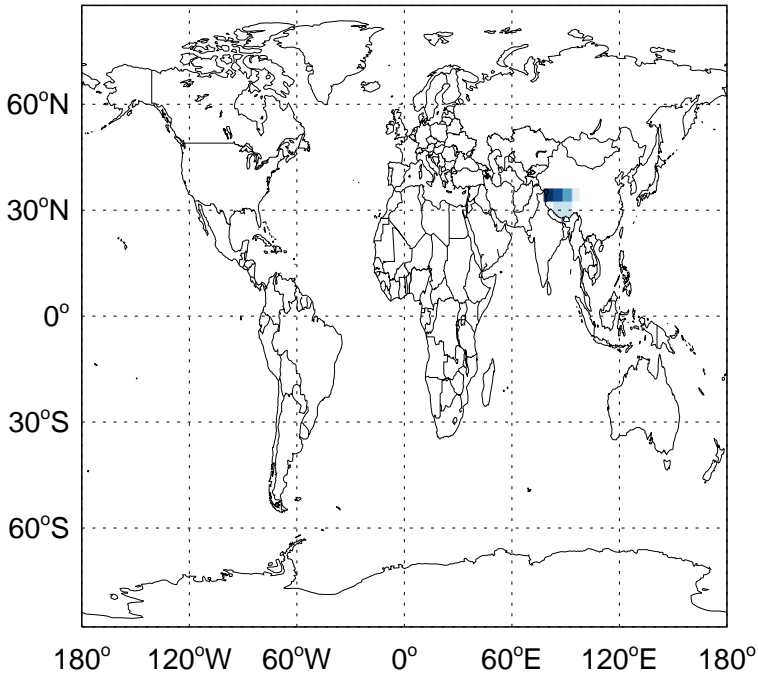
v11-01-public-Run0 - v11-01k-Run0

JCFC12 - J-Value Diff @ 500 hPa for Jul



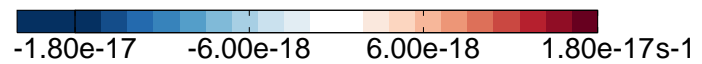
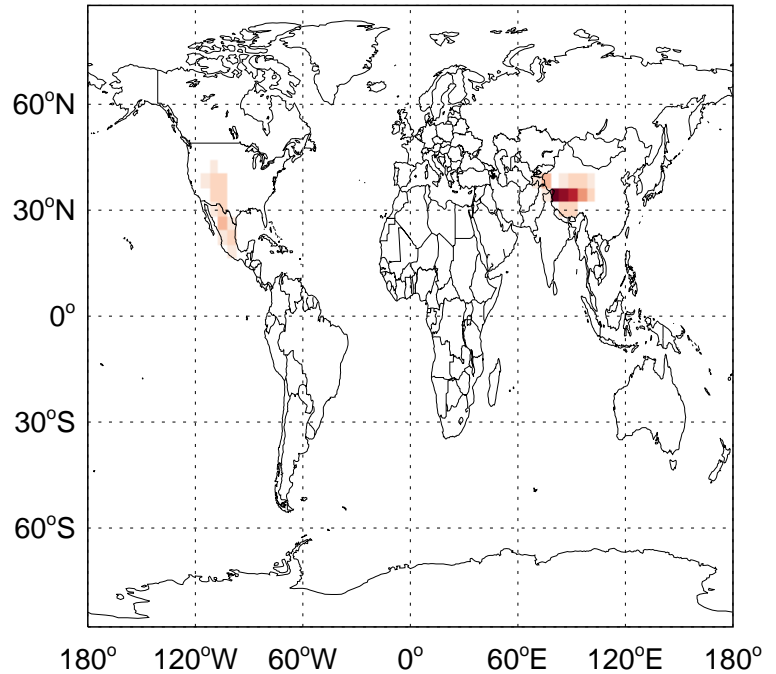
v11-01-public-Run0 - v11-01g-Run0

JCFC12 - J-Value Diff @ surface for Jul



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

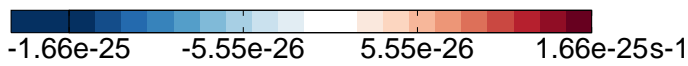
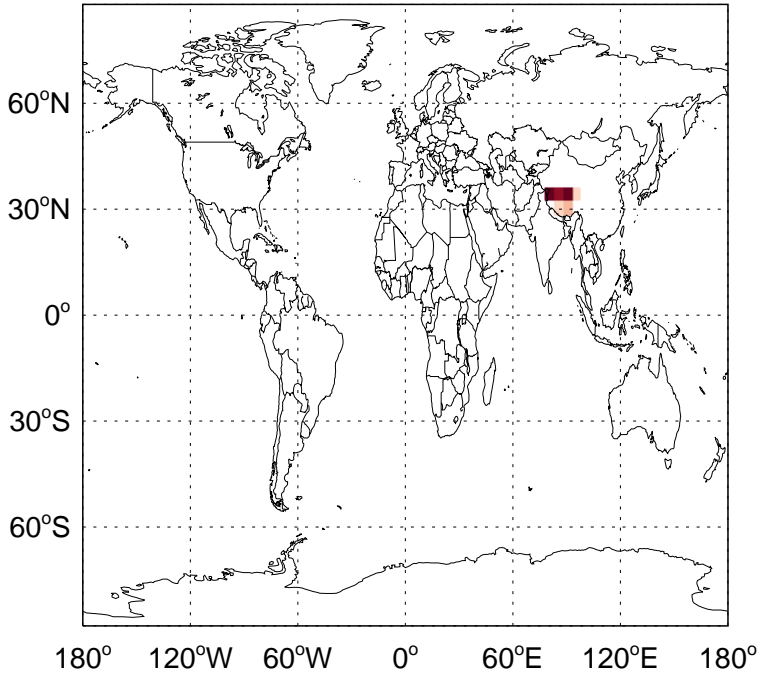
JCFC12 - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

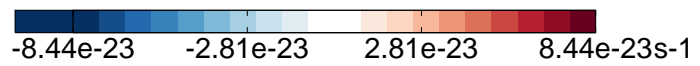
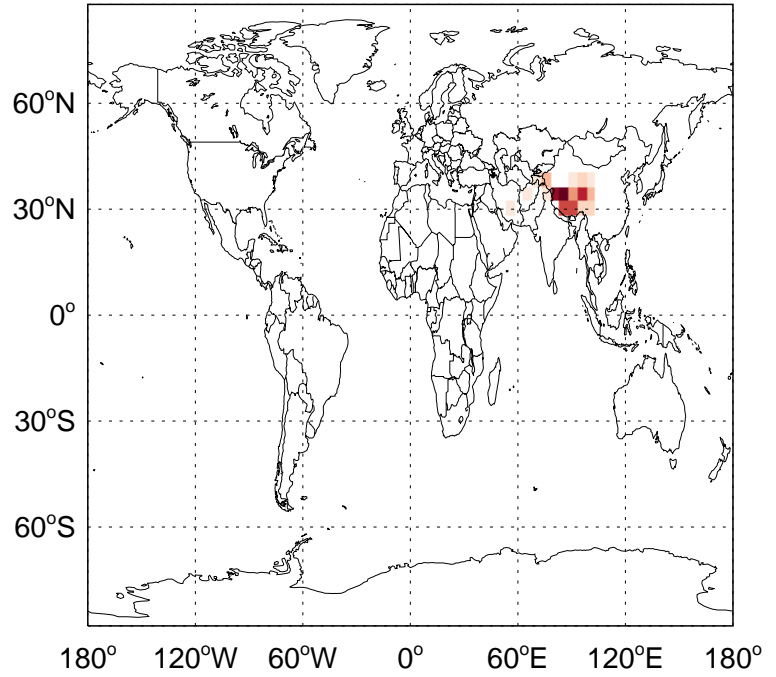
v11-01-public-Run0 - v11-01k-Run0

JO2 - J-Value Diff @ surface for Jul



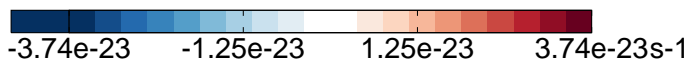
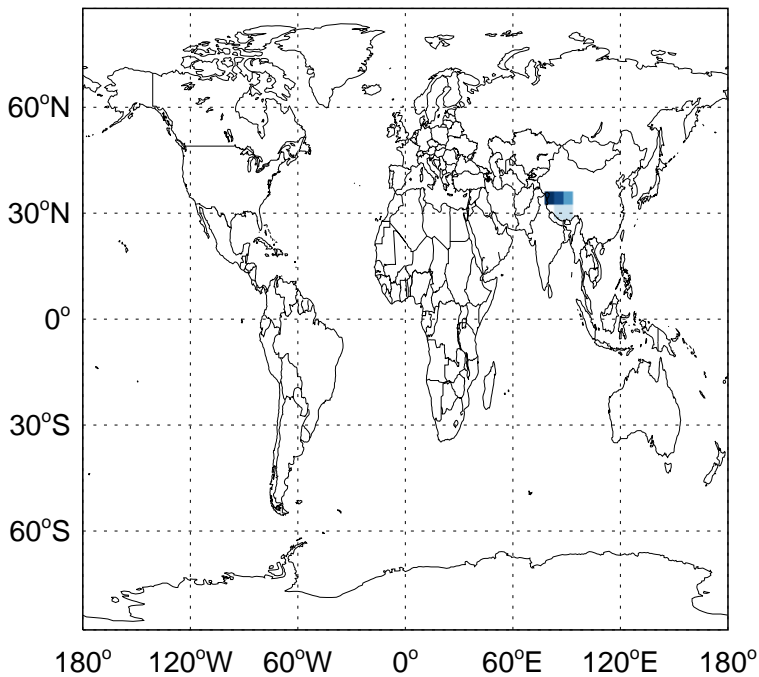
v11-01-public-Run0 - v11-01k-Run0

JO2 - J-Value Diff @ 500 hPa for Jul



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

JO2 - J-Value Diff @ surface for Jul



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

JO2 - J-Value Diff @ 500 hPa for Jul

