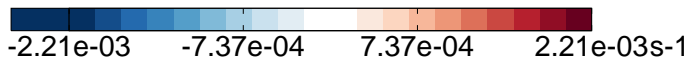
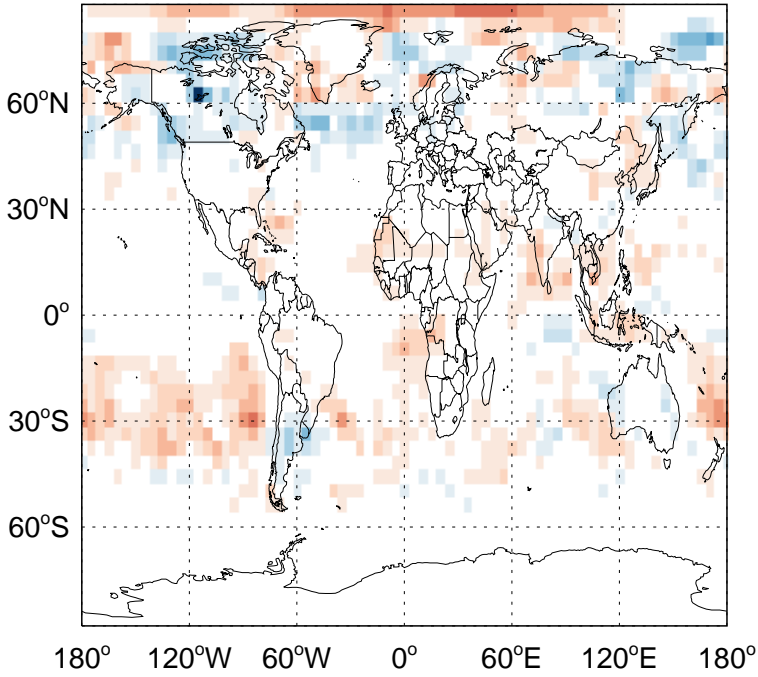


GEOS-Chem J-Values at surface and 500 hPa

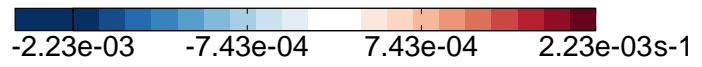
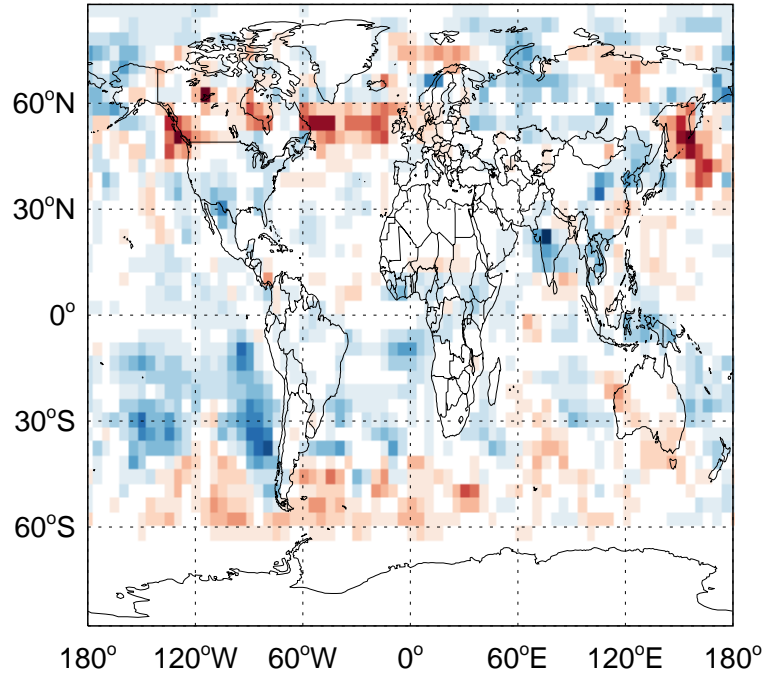
v11-02e-Run1 - v11-02e-Run0

JNO2 - J-Value Diff @ surface for Jul



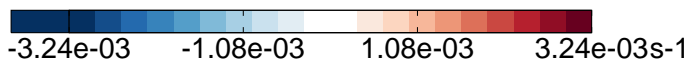
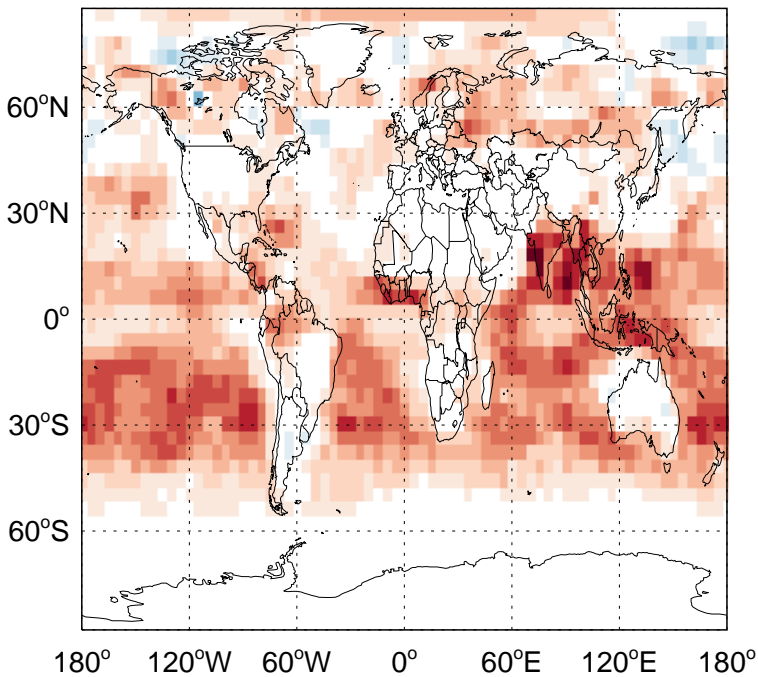
v11-02e-Run1 - v11-02e-Run0

JNO2 - J-Value Diff @ 500 hPa for Jul



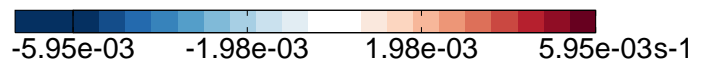
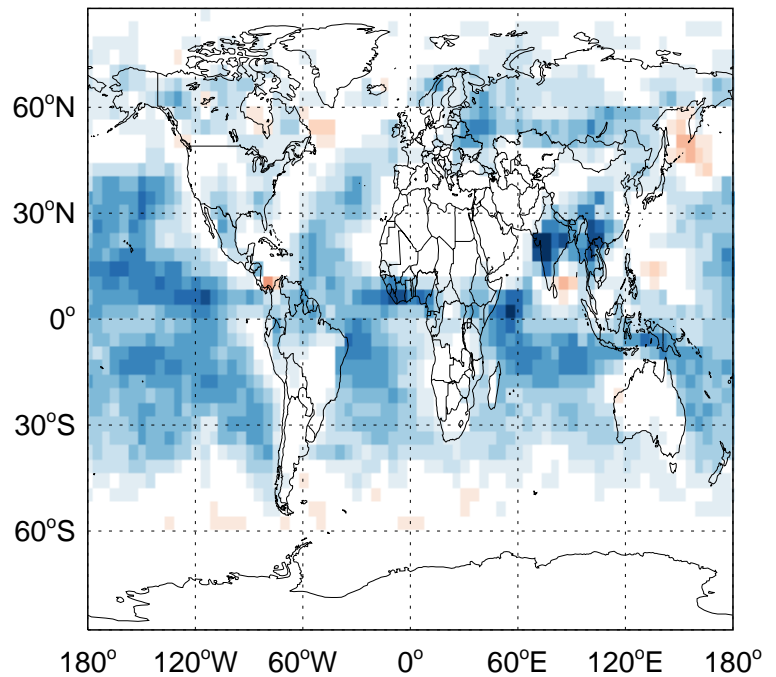
v11-02e-Run1 - v11-02d-Run1

JNO2 - J-Value Diff @ surface for Jul



v11-02e-Run1 - v11-02d-Run1

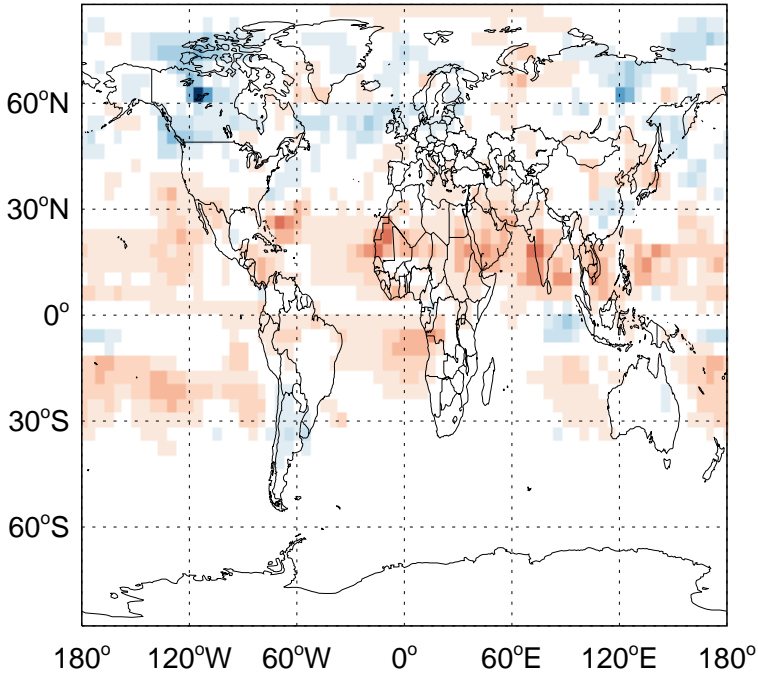
JNO2 - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

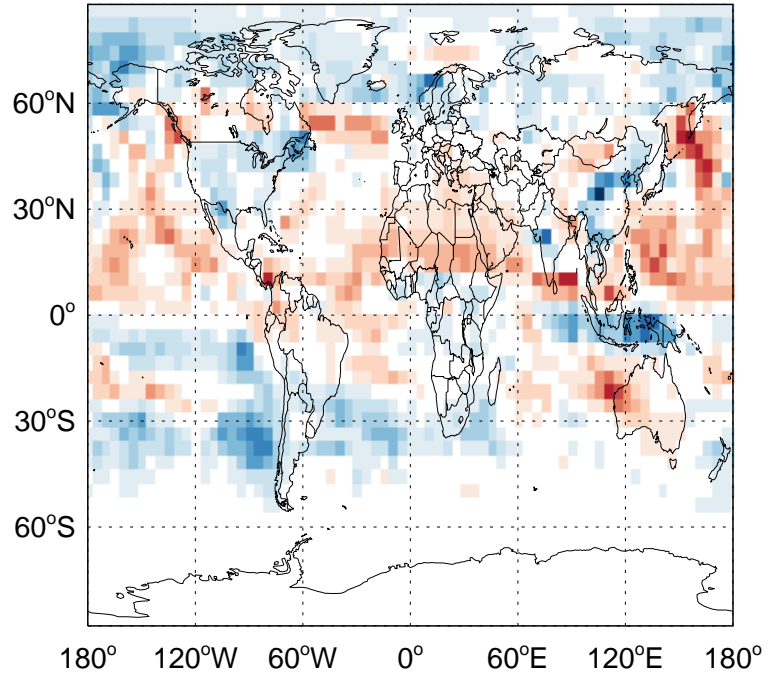
v11-02e-Run1 - v11-02e-Run0

JHNO3 - J-Value Diff @ surface for Jul



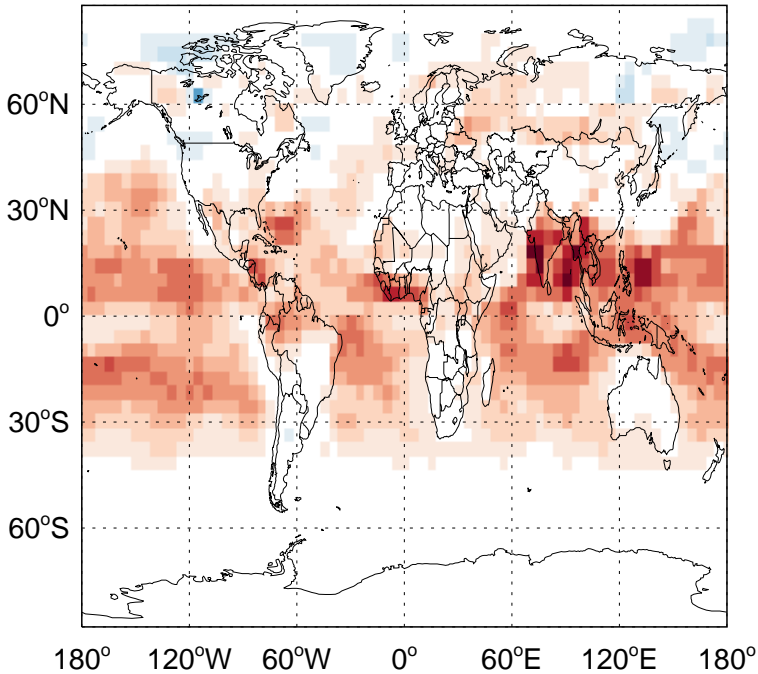
v11-02e-Run1 - v11-02e-Run0

JHNO3 - J-Value Diff @ 500 hPa for Jul



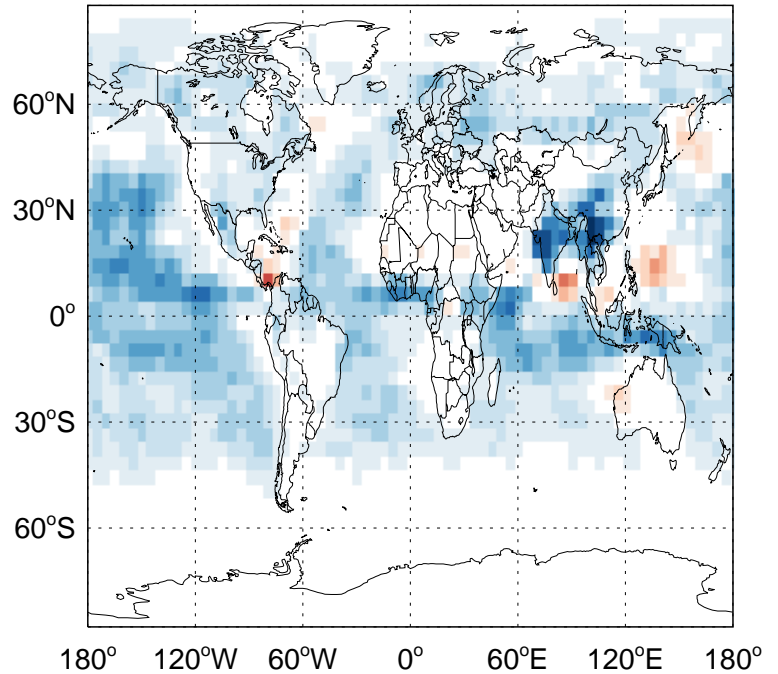
v11-02e-Run1 - v11-02d-Run1

JHNO3 - J-Value Diff @ surface for Jul



v11-02e-Run1 - v11-02d-Run1

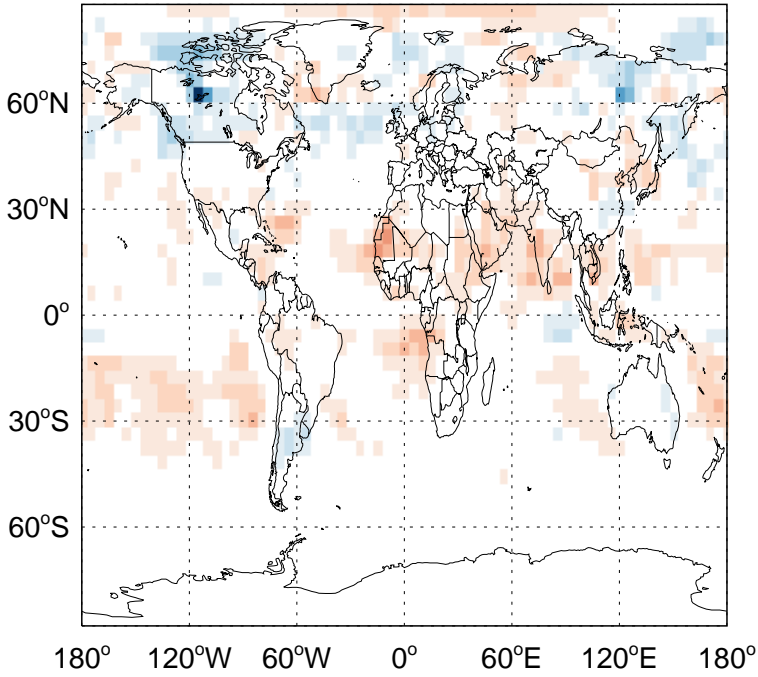
JHNO3 - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

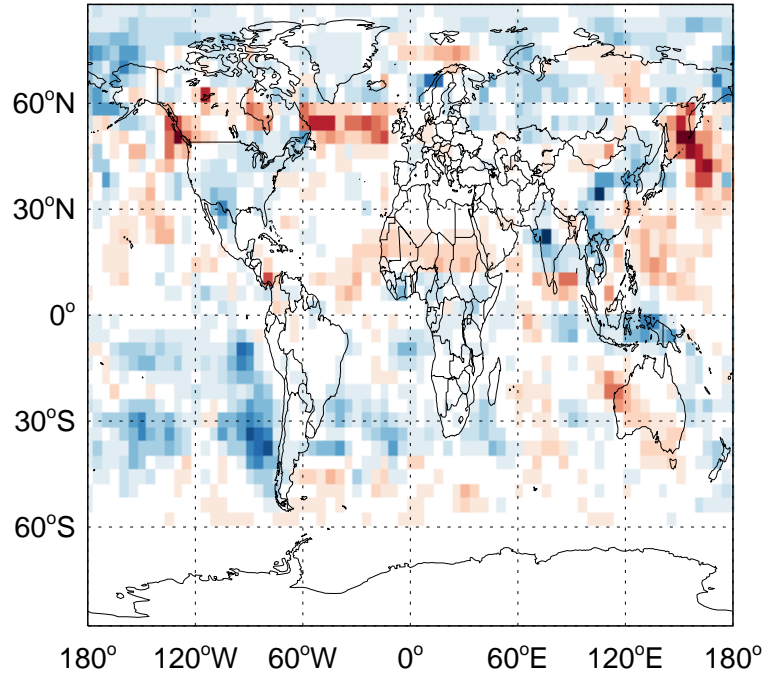
v11-02e-Run1 - v11-02e-Run0

JH2O2 - J-Value Diff @ surface for Jul



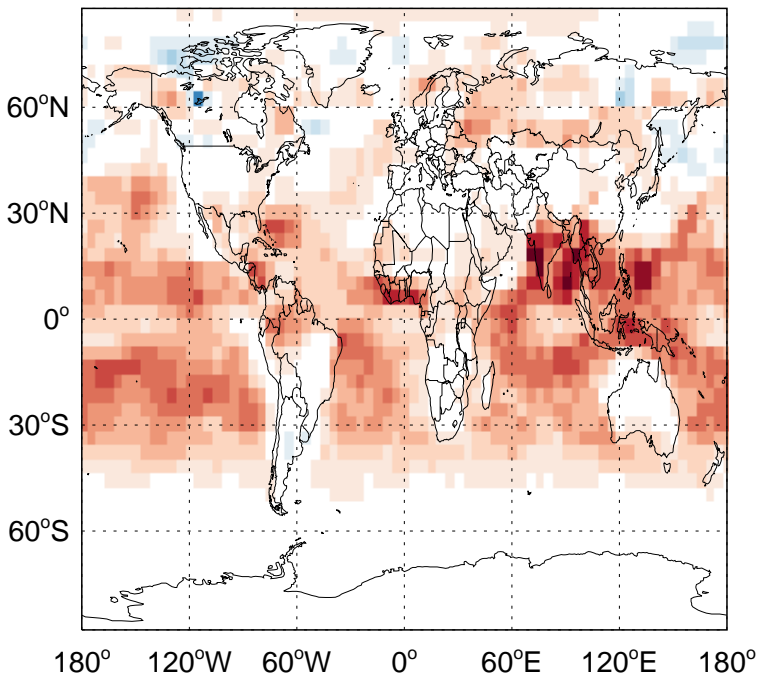
v11-02e-Run1 - v11-02e-Run0

JH2O2 - J-Value Diff @ 500 hPa for Jul



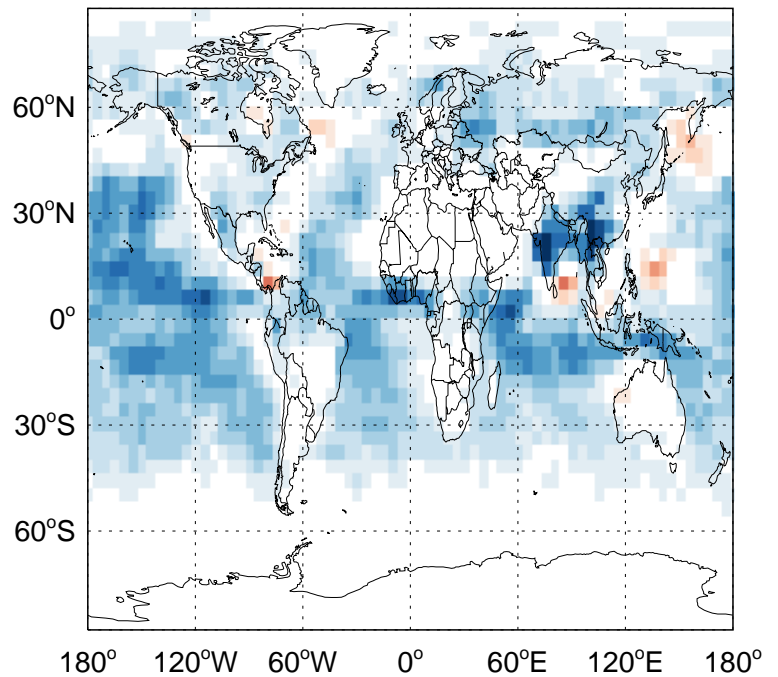
v11-02e-Run1 - v11-02d-Run1

JH2O2 - J-Value Diff @ surface for Jul



v11-02e-Run1 - v11-02d-Run1

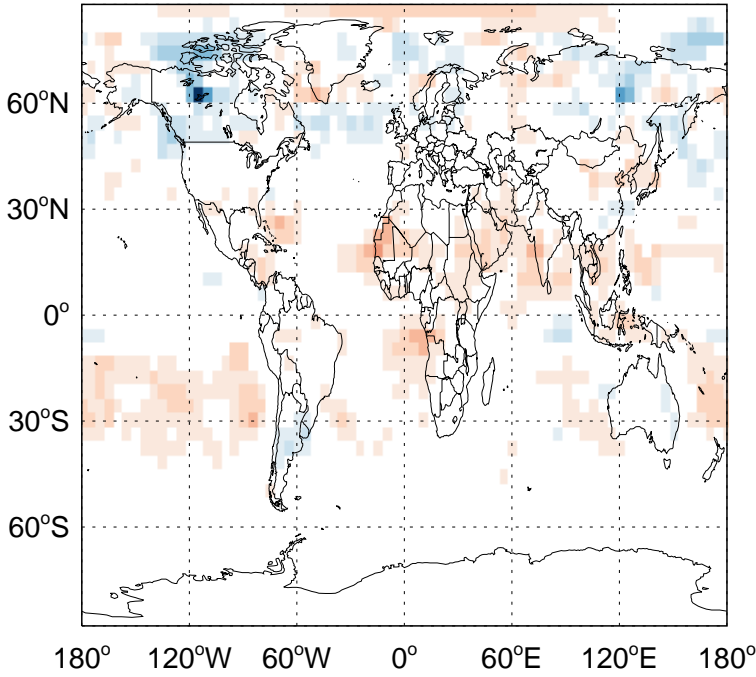
JH2O2 - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

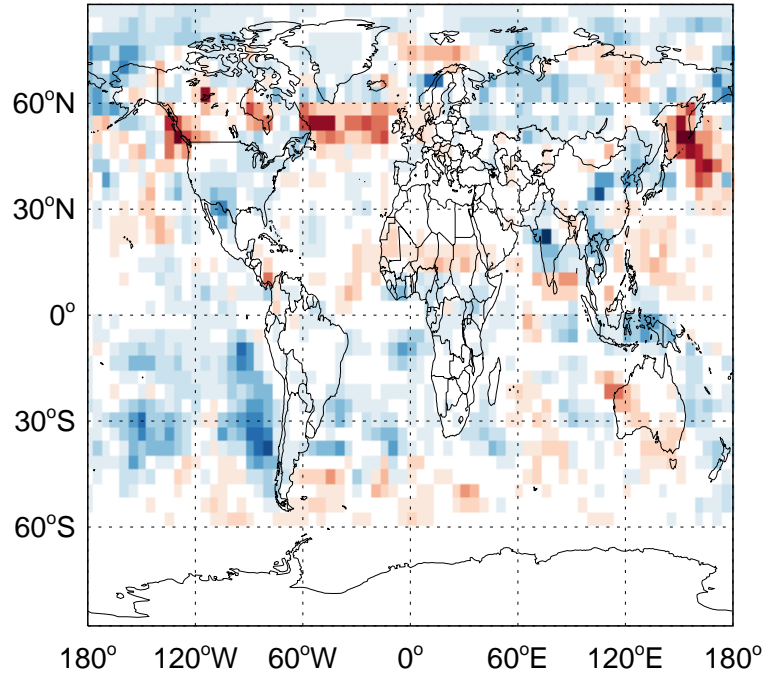
v11-02e-Run1 - v11-02e-Run0

JCH2O - J-Value Diff @ surface for Jul



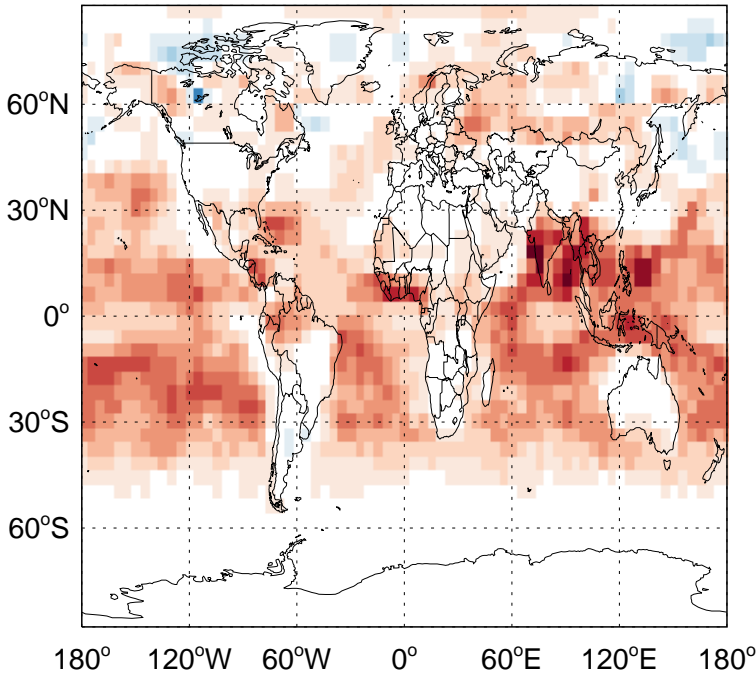
v11-02e-Run1 - v11-02e-Run0

JCH2O - J-Value Diff @ 500 hPa for Jul



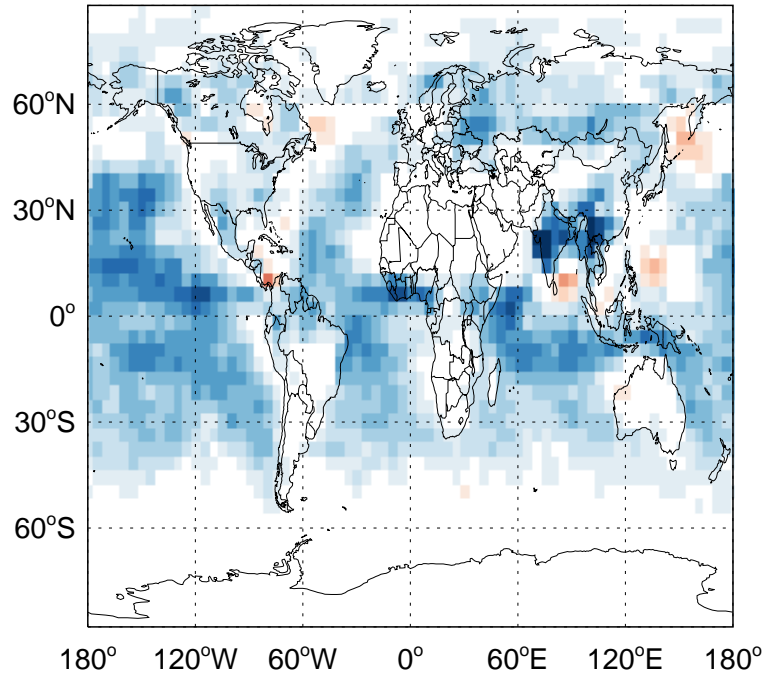
v11-02e-Run1 - v11-02d-Run1

JCH2O - J-Value Diff @ surface for Jul



v11-02e-Run1 - v11-02d-Run1

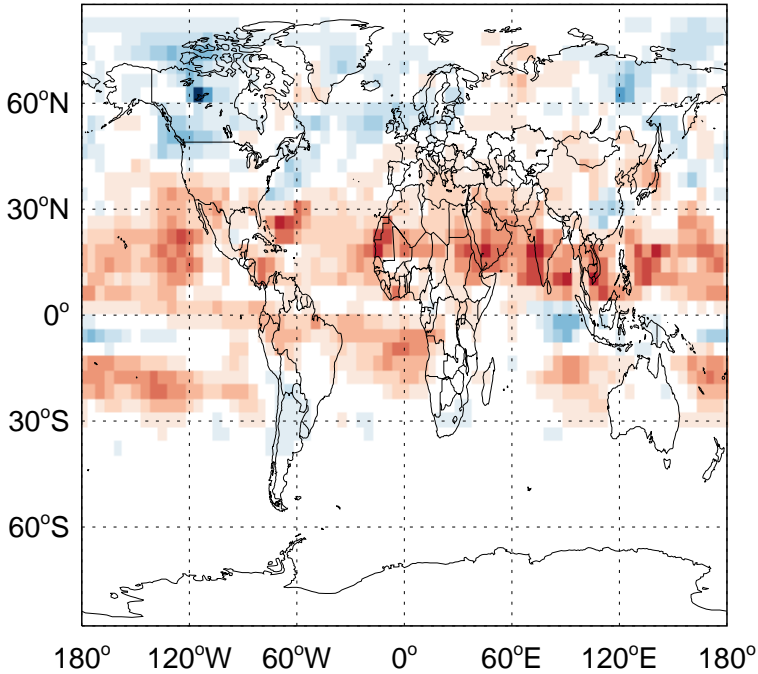
JCH2O - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

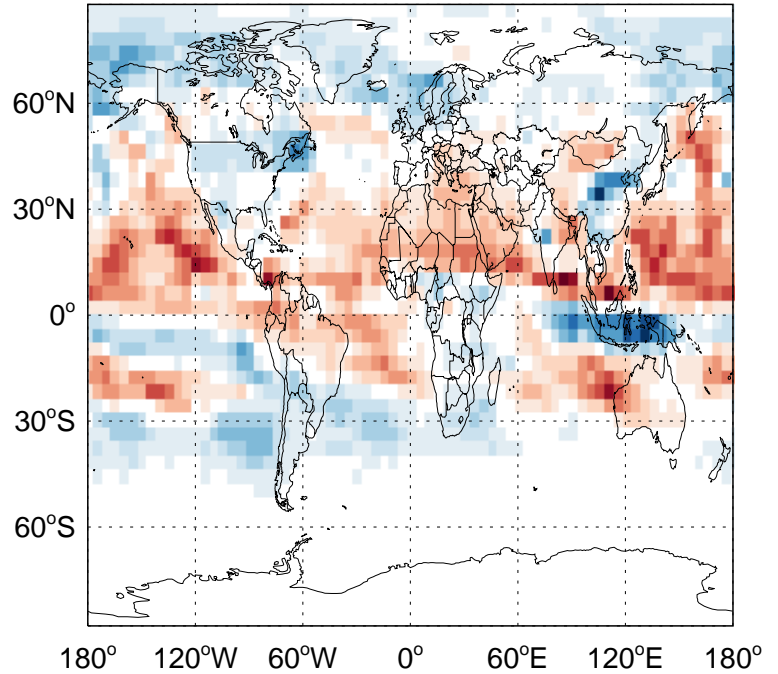
v11-02e-Run1 - v11-02e-Run0

JO3\_O1D - J-Value Diff @ surface for Jul



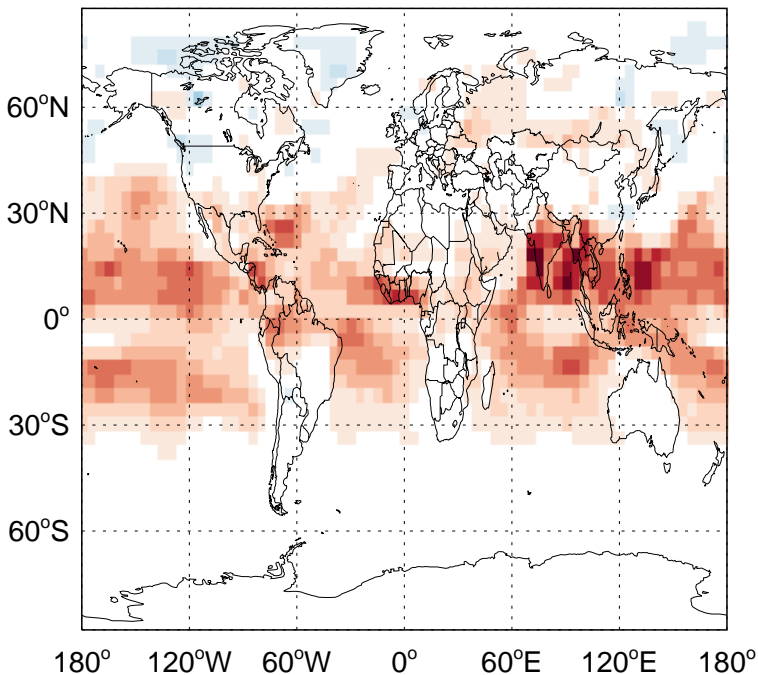
v11-02e-Run1 - v11-02e-Run0

JO3\_O1D - J-Value Diff @ 500 hPa for Jul



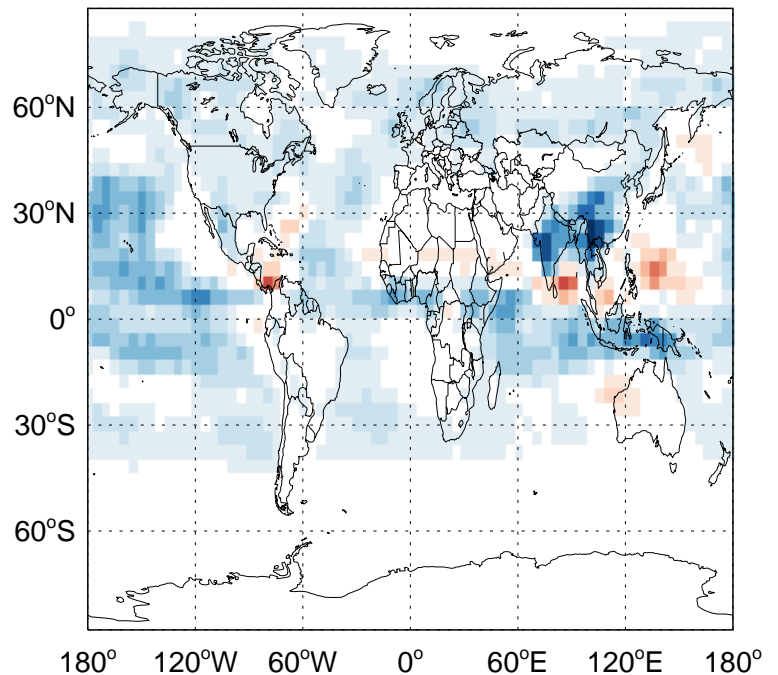
v11-02e-Run1 - v11-02d-Run1

JO3\_O1D - J-Value Diff @ surface for Jul



v11-02e-Run1 - v11-02d-Run1

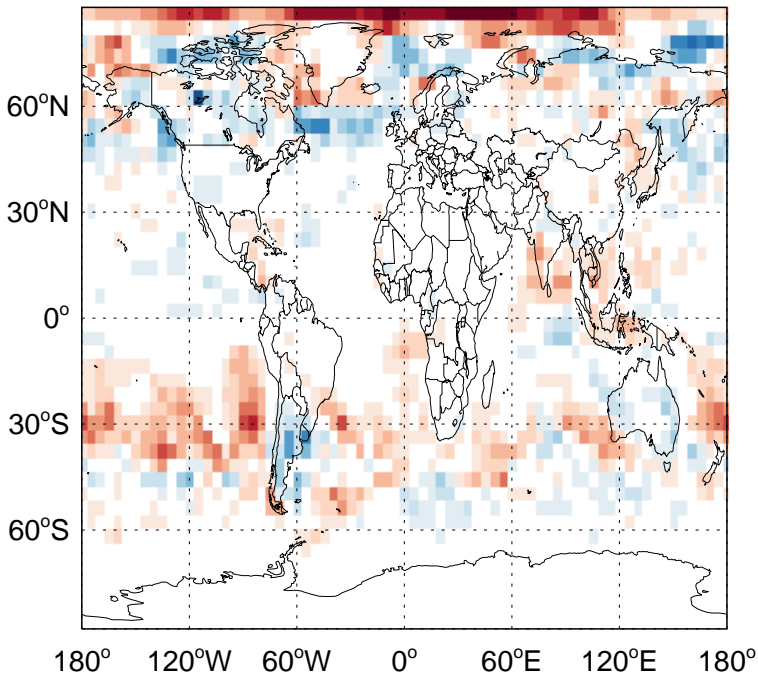
JO3\_O1D - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

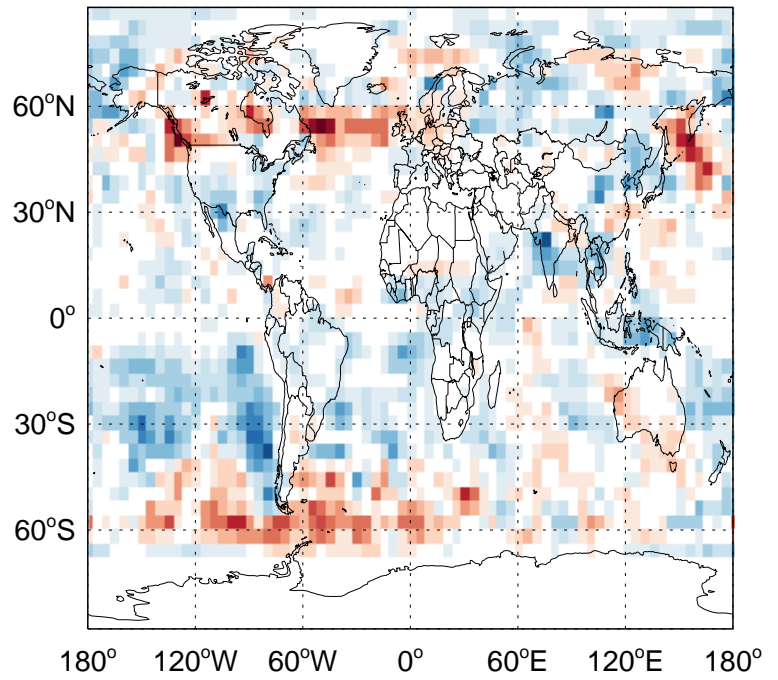
v11-02e-Run1 - v11-02e-Run0

JO3\_O3P - J-Value Diff @ surface for Jul



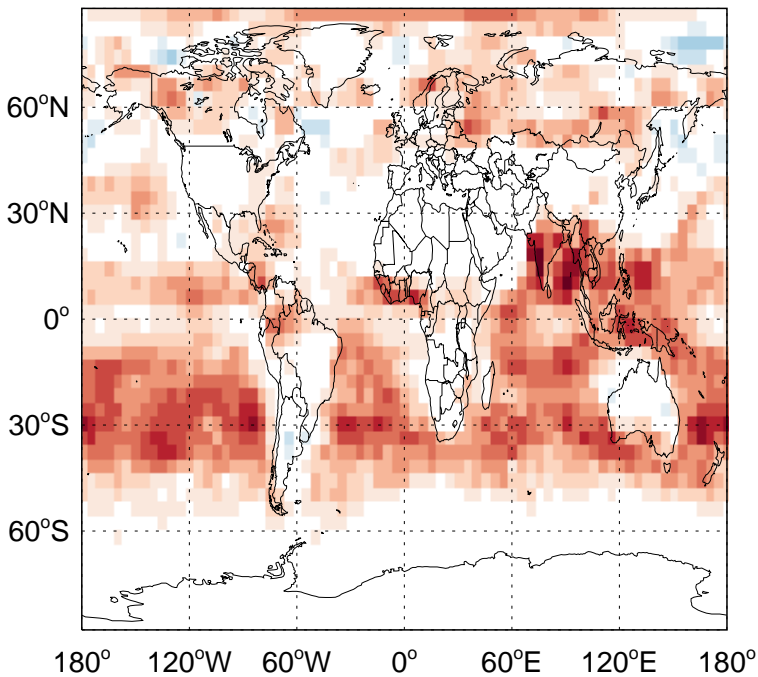
v11-02e-Run1 - v11-02e-Run0

JO3\_O3P - J-Value Diff @ 500 hPa for Jul



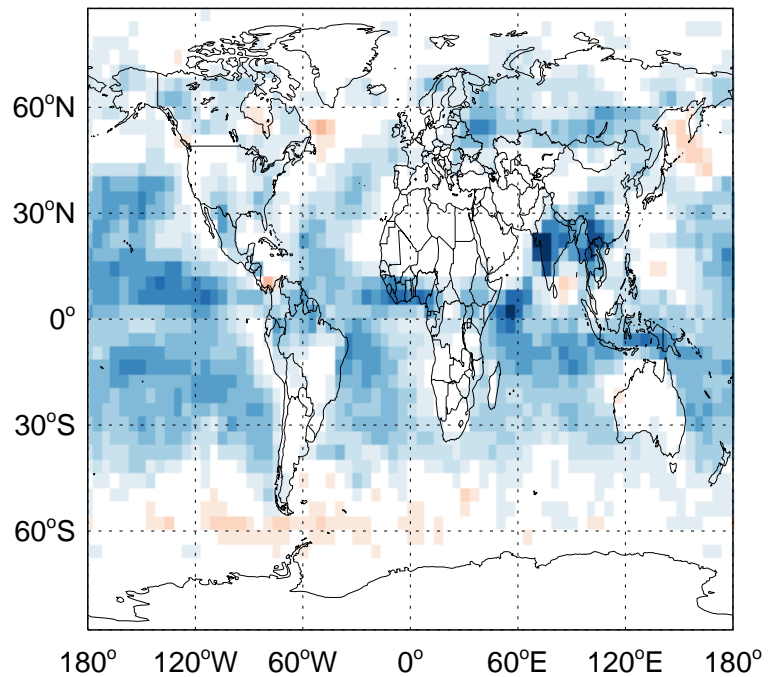
v11-02e-Run1 - v11-02d-Run1

JO3\_O3P - J-Value Diff @ surface for Jul



v11-02e-Run1 - v11-02d-Run1

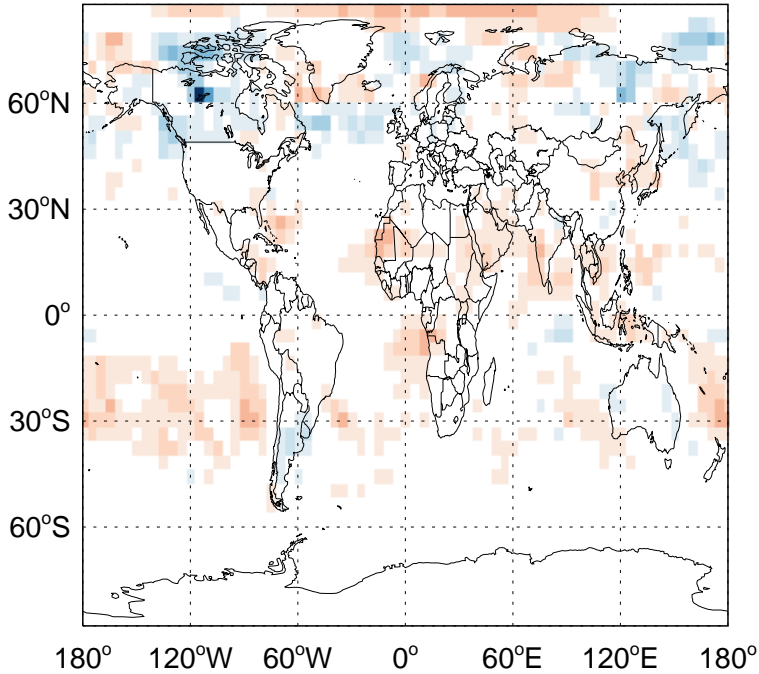
JO3\_O3P - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

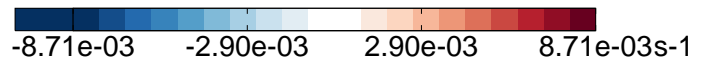
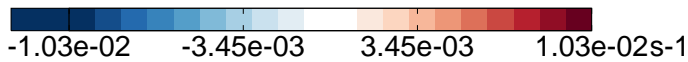
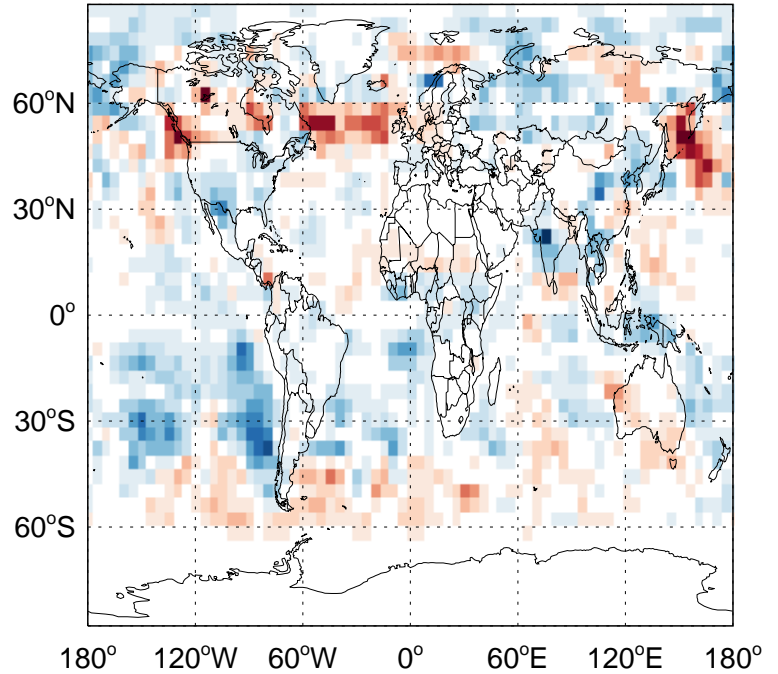
v11-02e-Run1 - v11-02e-Run0

JBrO - J-Value Diff @ surface for Jul



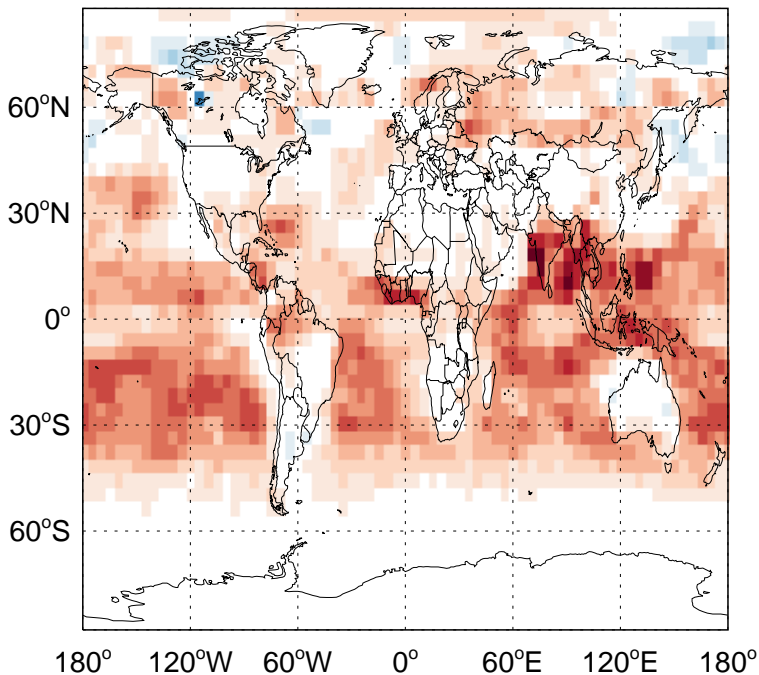
v11-02e-Run1 - v11-02e-Run0

JBrO - J-Value Diff @ 500 hPa for Jul



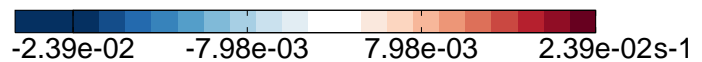
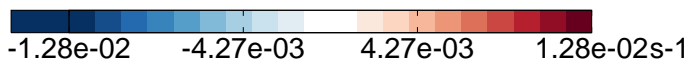
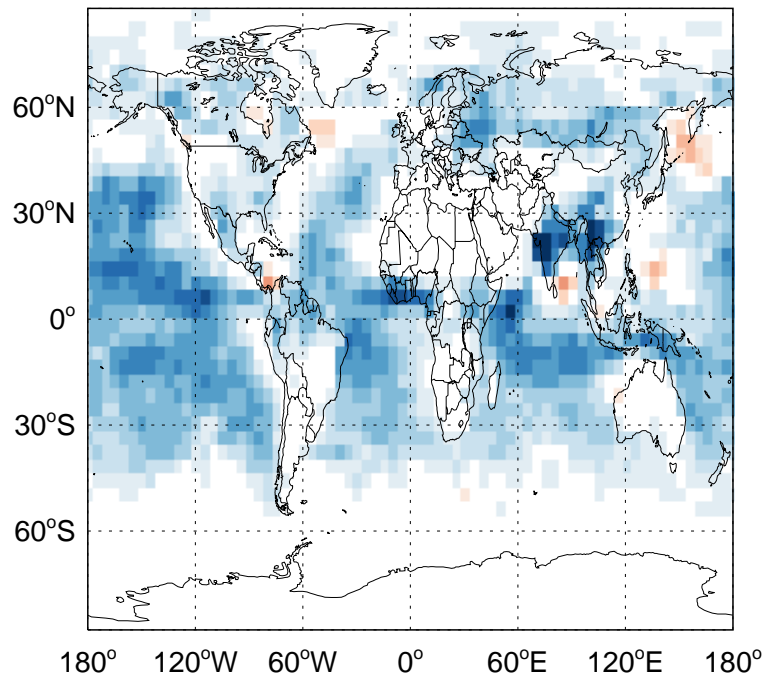
v11-02e-Run1 - v11-02d-Run1

JBrO - J-Value Diff @ surface for Jul



v11-02e-Run1 - v11-02d-Run1

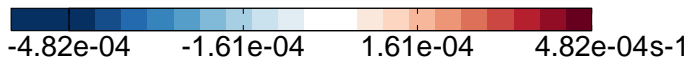
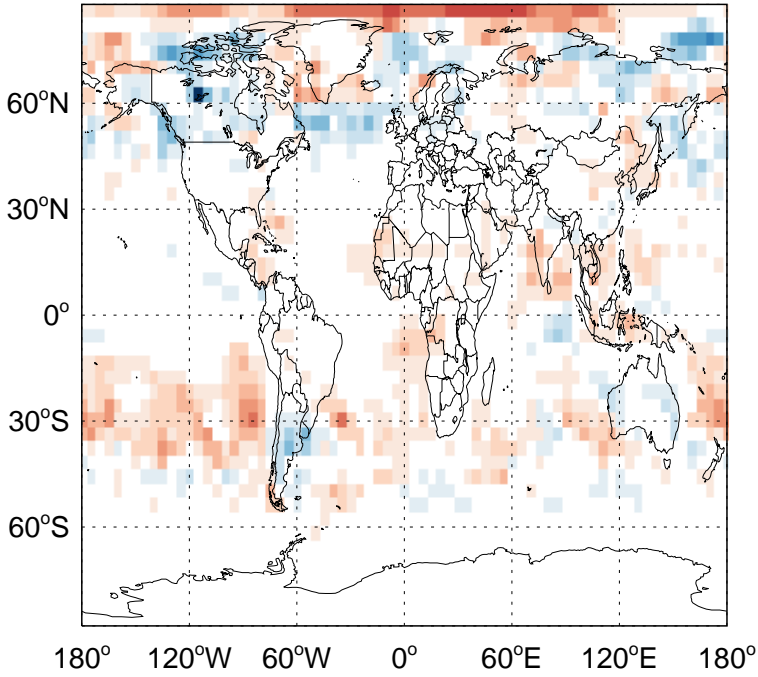
JBrO - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

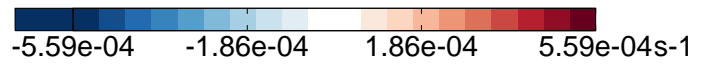
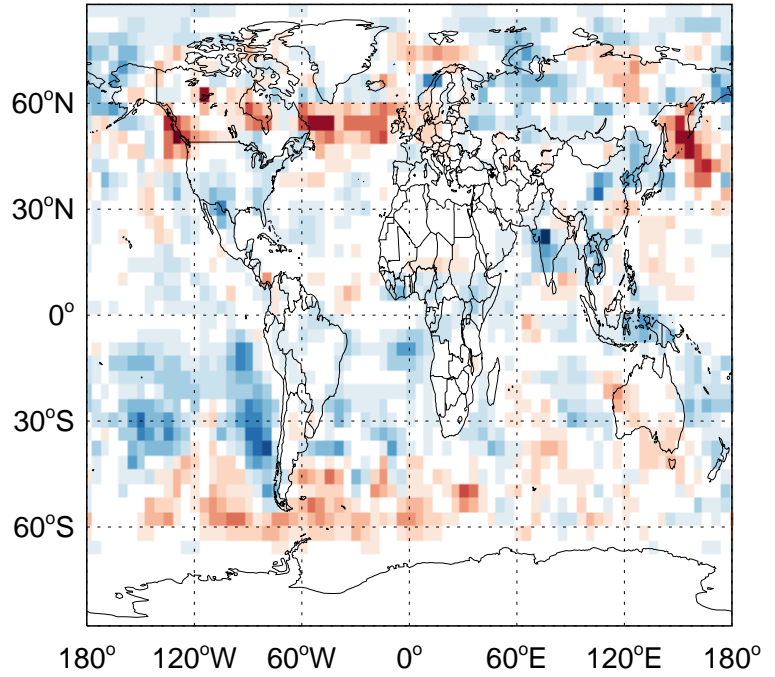
v11-02e-Run1 - v11-02e-Run0

JHOBr - J-Value Diff @ surface for Jul



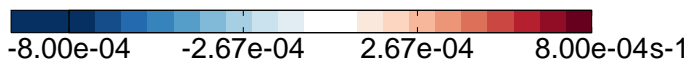
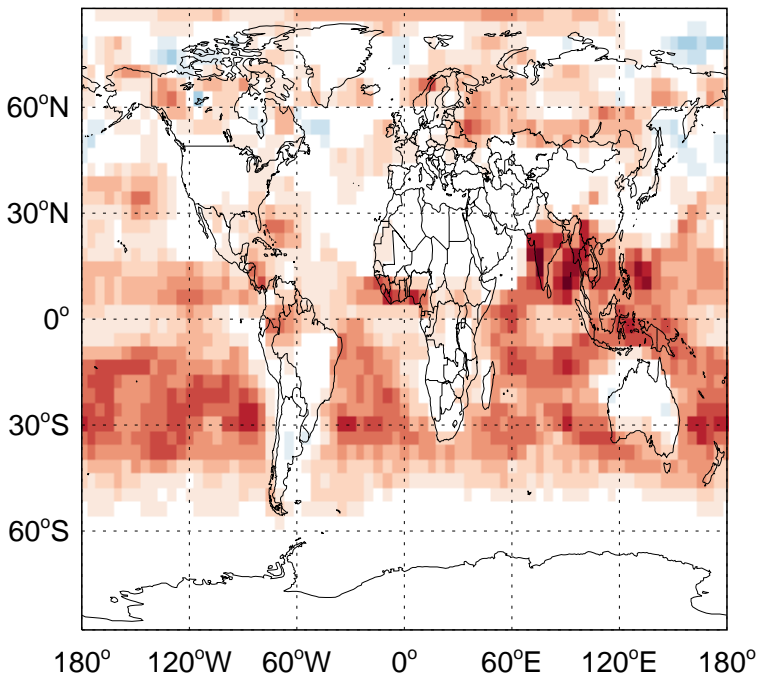
v11-02e-Run1 - v11-02e-Run0

JHOBr - J-Value Diff @ 500 hPa for Jul



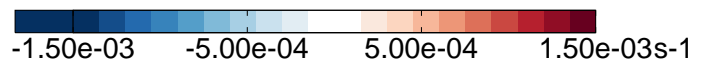
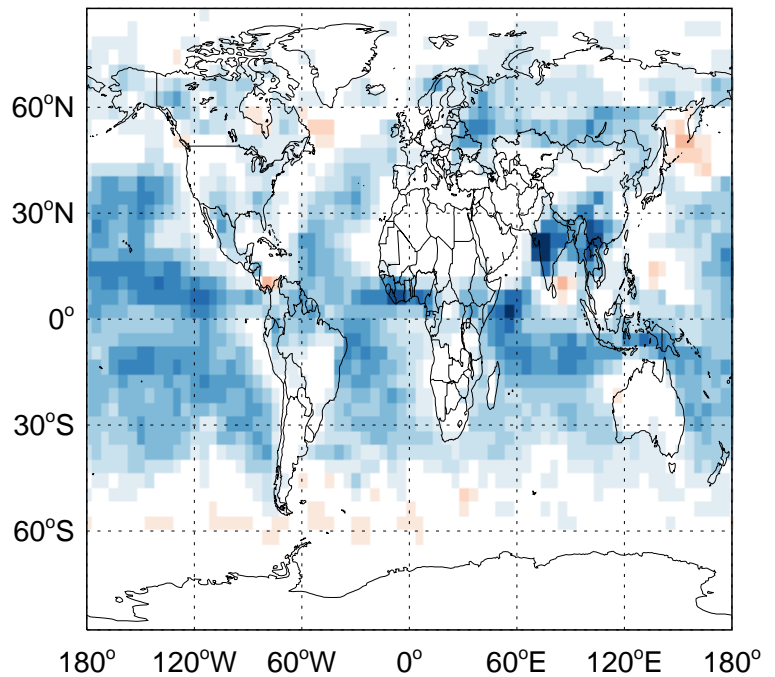
v11-02e-Run1 - v11-02d-Run1

JHOBr - J-Value Diff @ surface for Jul



v11-02e-Run1 - v11-02d-Run1

JHOBr - J-Value Diff @ 500 hPa for Jul

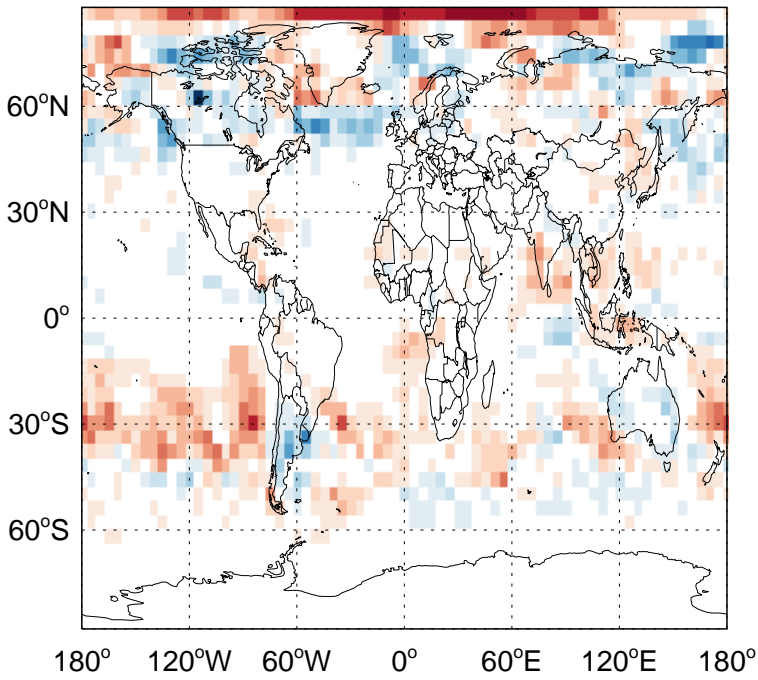




GEOS-Chem J-Values at surface and 500 hPa

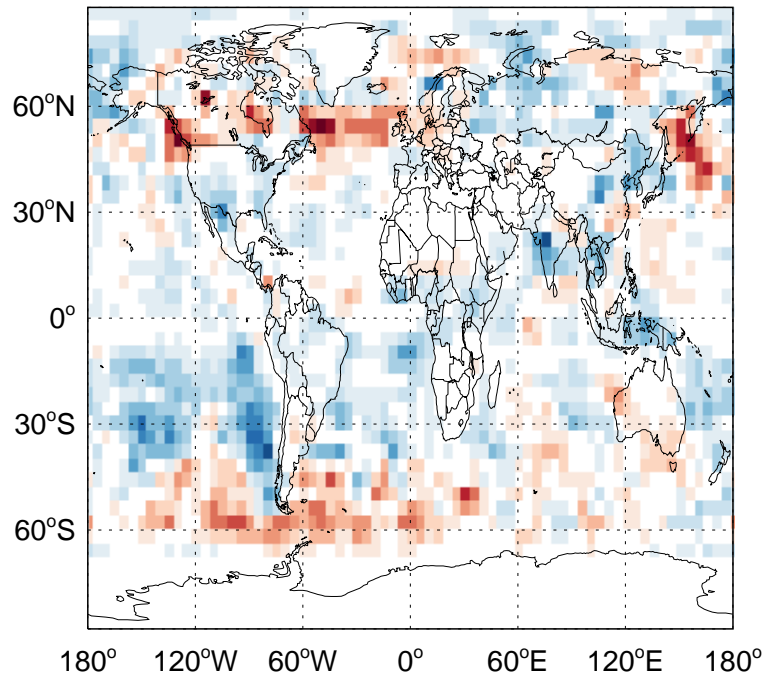
v11-02e-Run1 - v11-02e-Run0

JBrNO2 - J-Value Diff @ surface for Jul



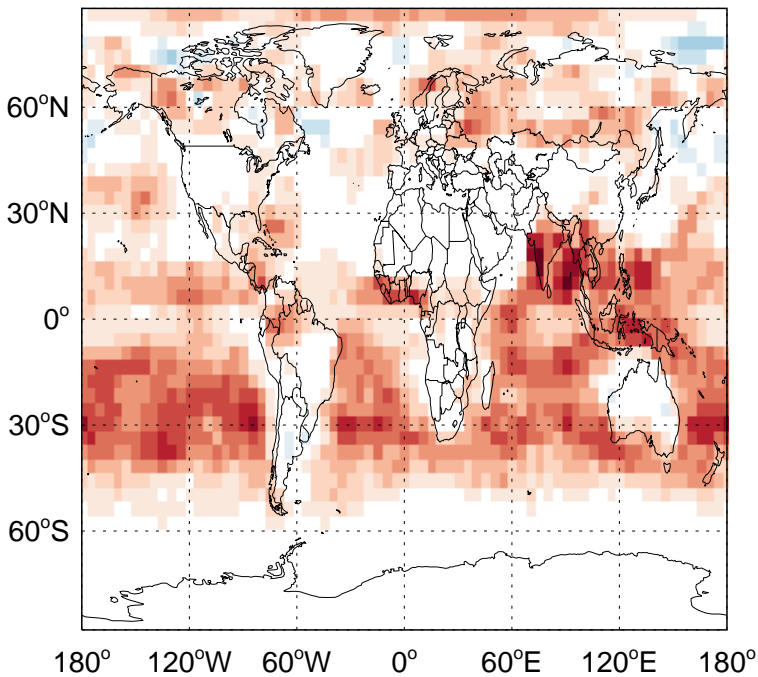
v11-02e-Run1 - v11-02e-Run0

JBrNO2 - J-Value Diff @ 500 hPa for Jul



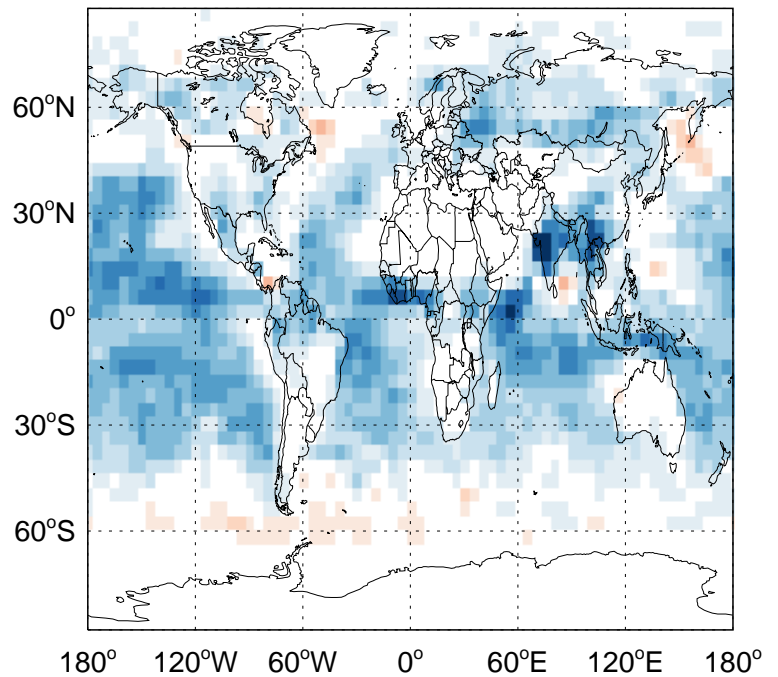
v11-02e-Run1 - v11-02d-Run1

JBrNO2 - J-Value Diff @ surface for Jul



v11-02e-Run1 - v11-02d-Run1

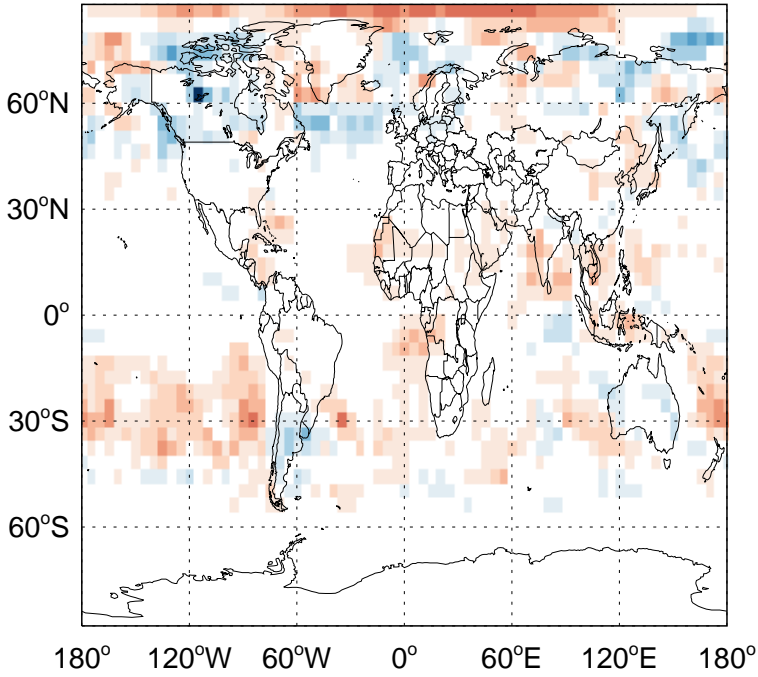
JBrNO2 - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

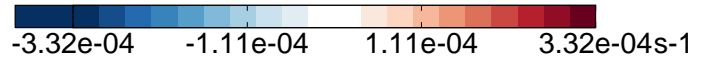
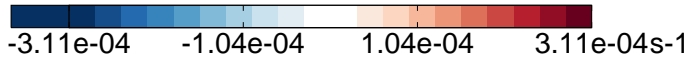
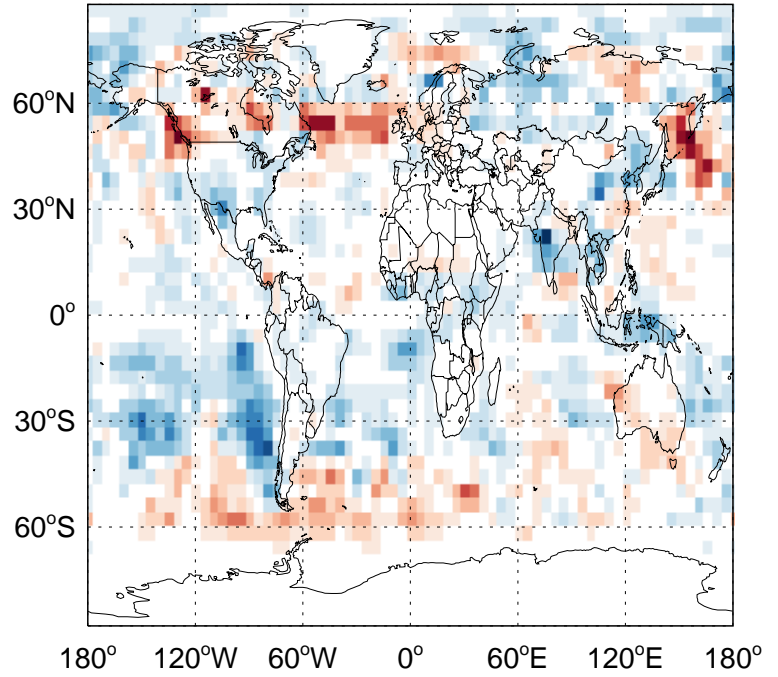
v11-02e-Run1 - v11-02e-Run0

JBrNO3 - J-Value Diff @ surface for Jul



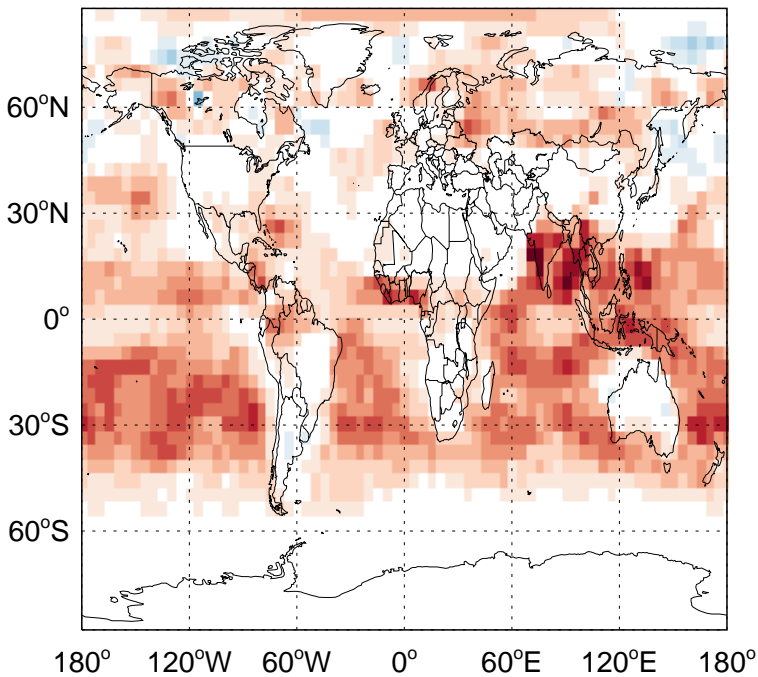
v11-02e-Run1 - v11-02e-Run0

JBrNO3 - J-Value Diff @ 500 hPa for Jul



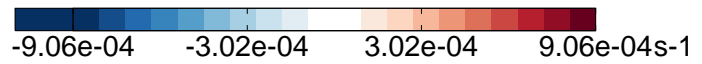
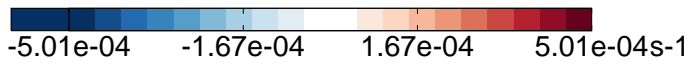
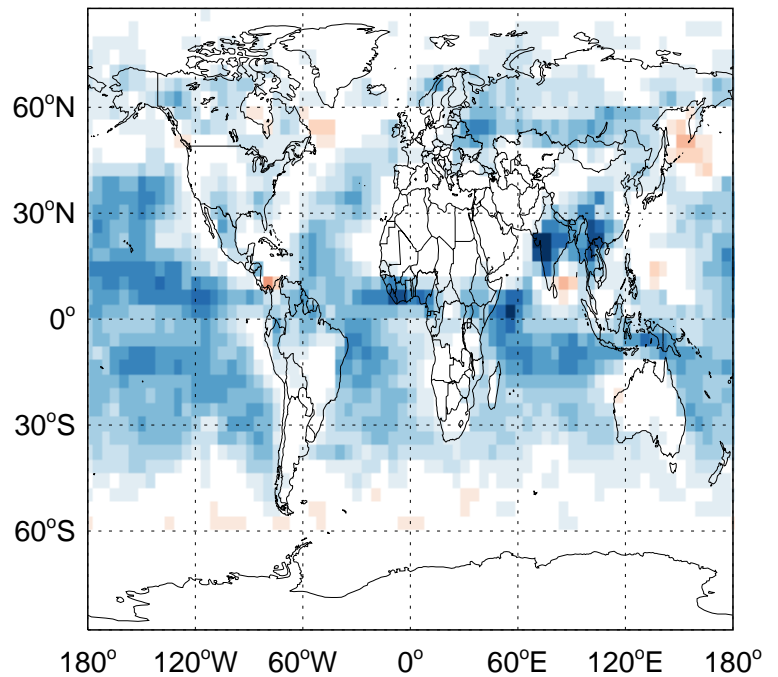
v11-02e-Run1 - v11-02d-Run1

JBrNO3 - J-Value Diff @ surface for Jul



v11-02e-Run1 - v11-02d-Run1

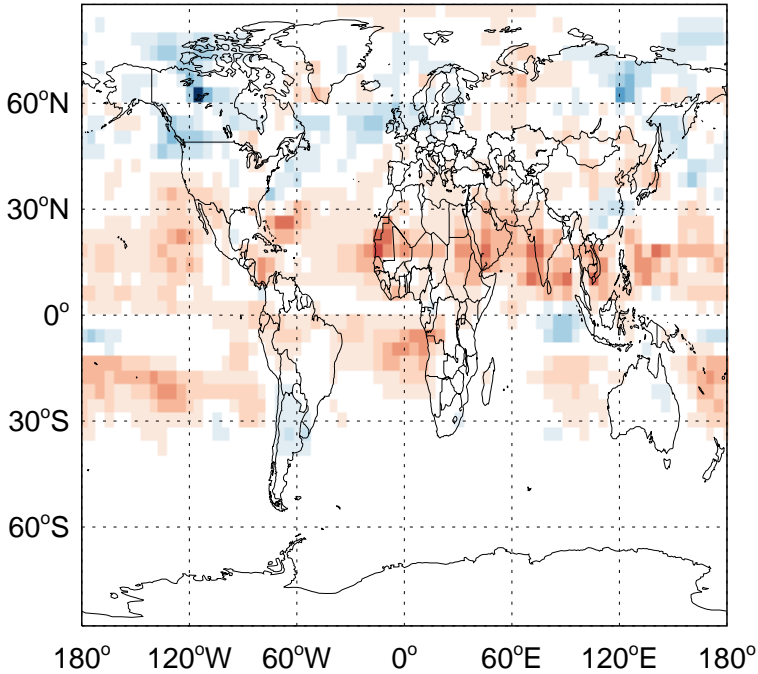
JBrNO3 - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

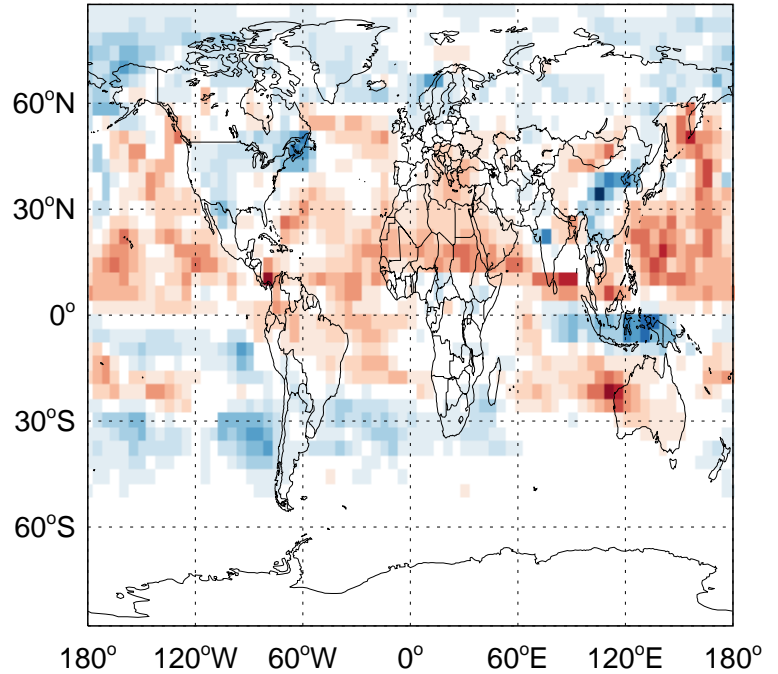
v11-02e-Run1 - v11-02e-Run0

JCHBr3 - J-Value Diff @ surface for Jul



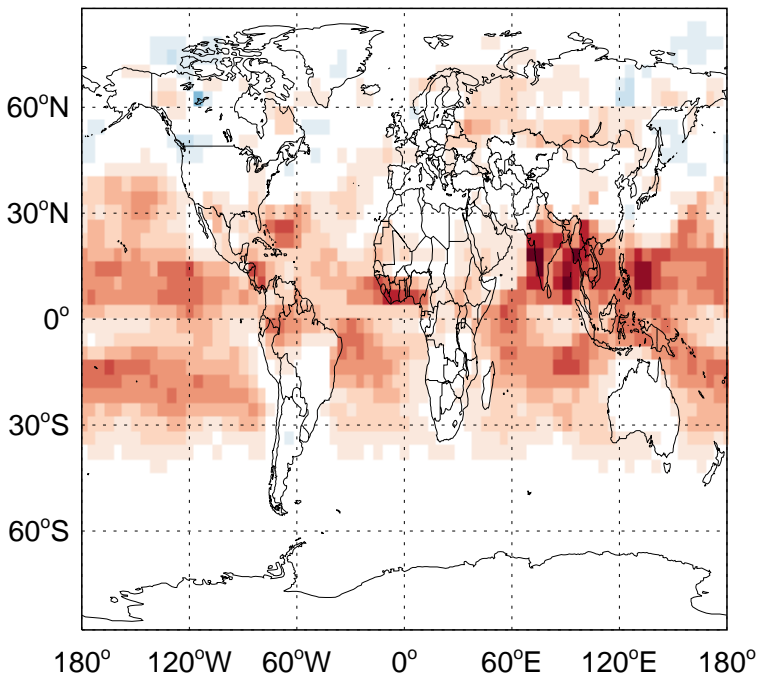
v11-02e-Run1 - v11-02e-Run0

JCHBr3 - J-Value Diff @ 500 hPa for Jul



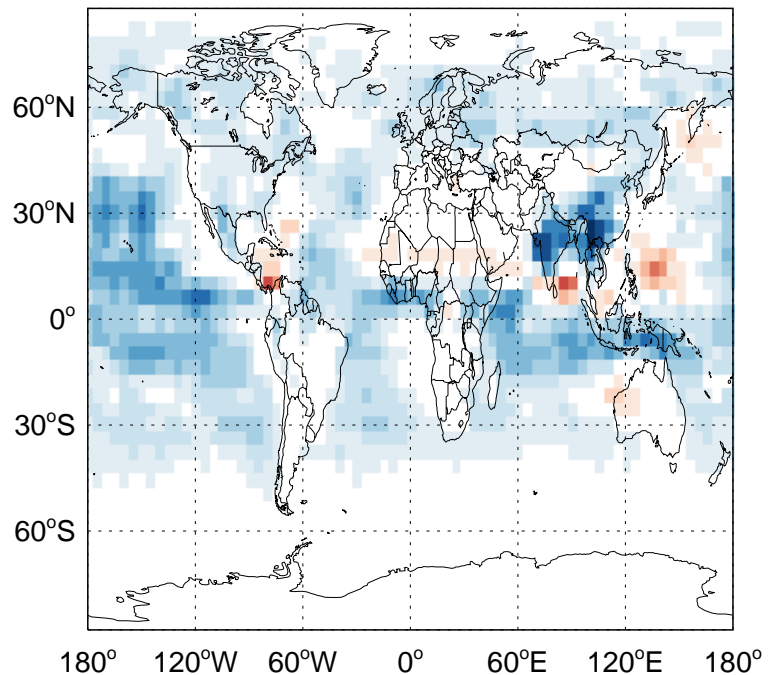
v11-02e-Run1 - v11-02d-Run1

JCHBr3 - J-Value Diff @ surface for Jul



v11-02e-Run1 - v11-02d-Run1

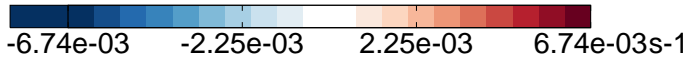
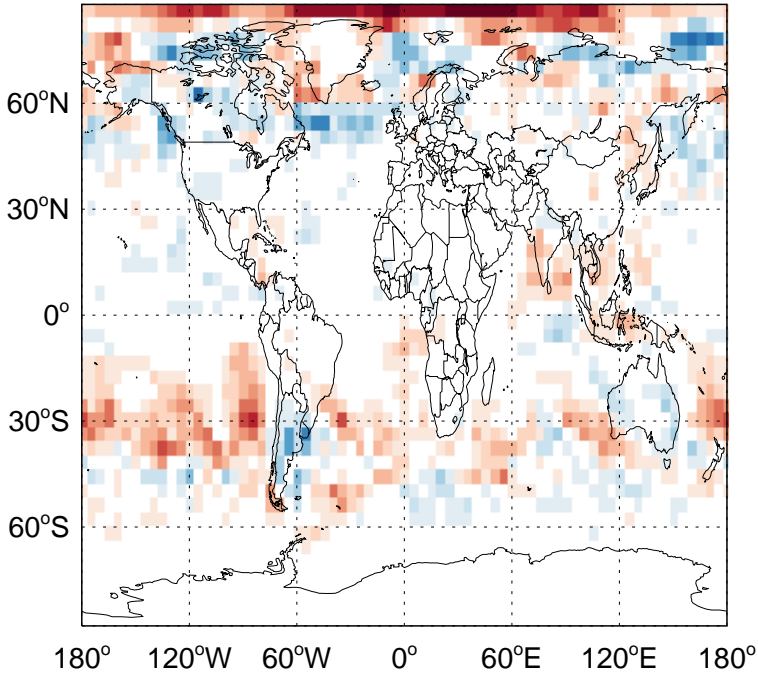
JCHBr3 - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

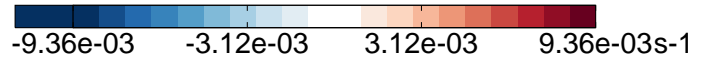
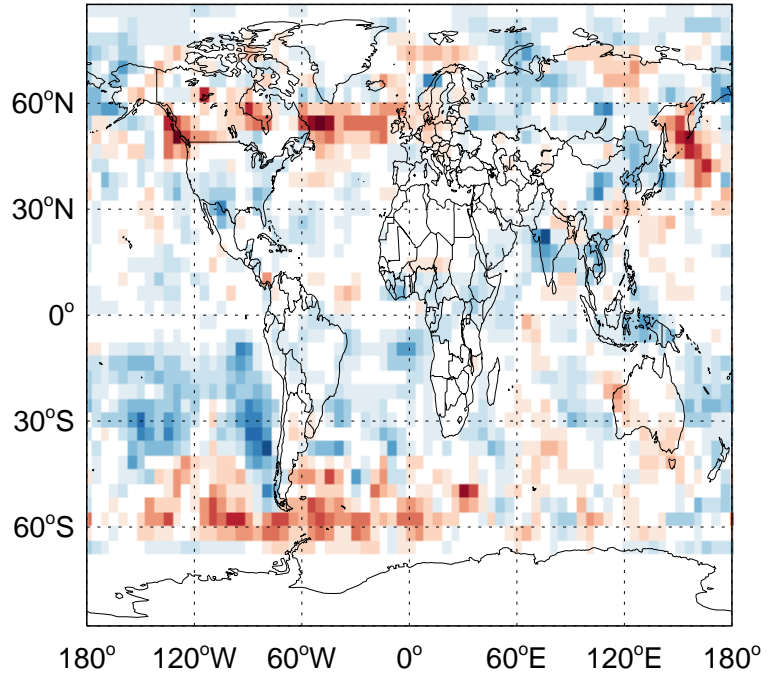
v11-02e-Run1 - v11-02e-Run0

JBr2 - J-Value Diff @ surface for Jul



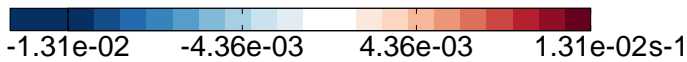
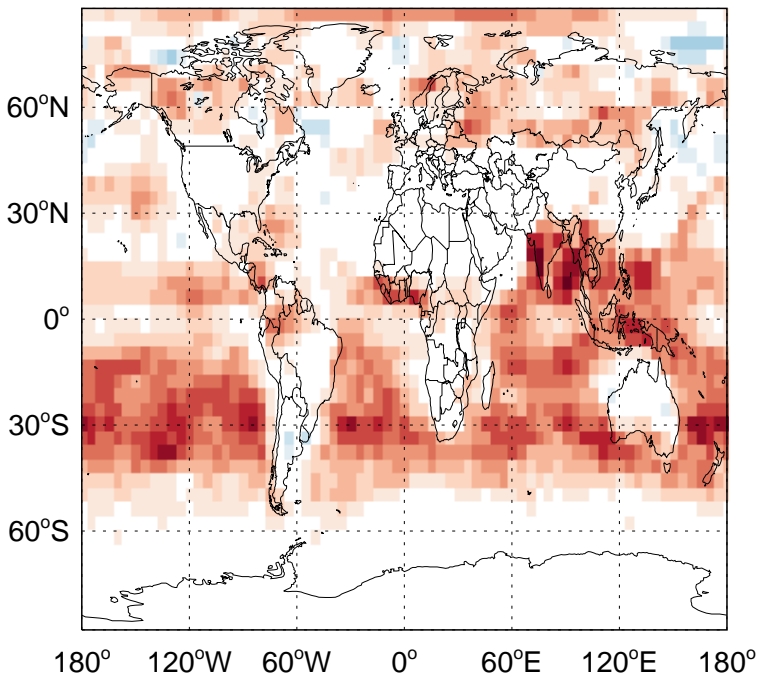
v11-02e-Run1 - v11-02e-Run0

JBr2 - J-Value Diff @ 500 hPa for Jul



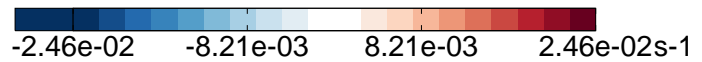
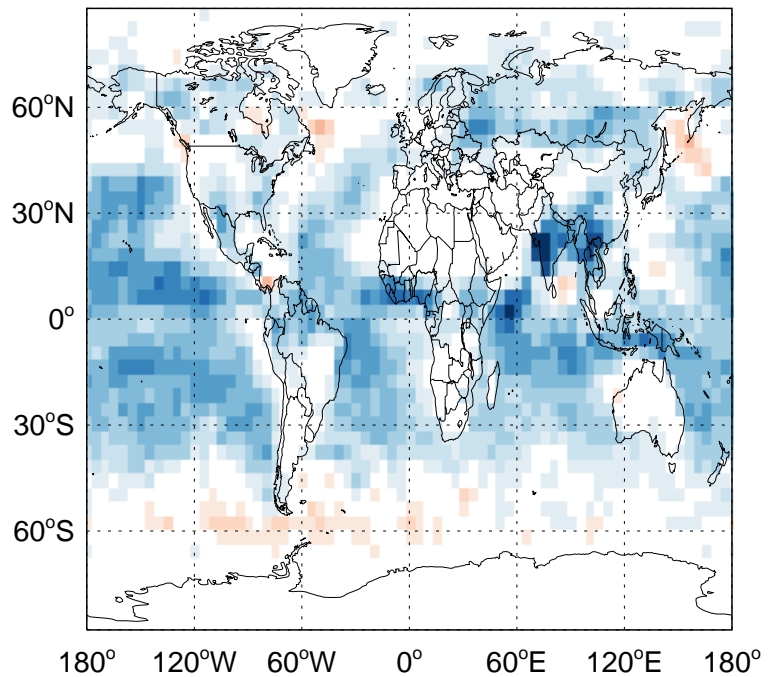
v11-02e-Run1 - v11-02d-Run1

JBr2 - J-Value Diff @ surface for Jul



v11-02e-Run1 - v11-02d-Run1

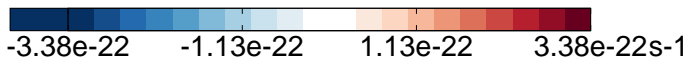
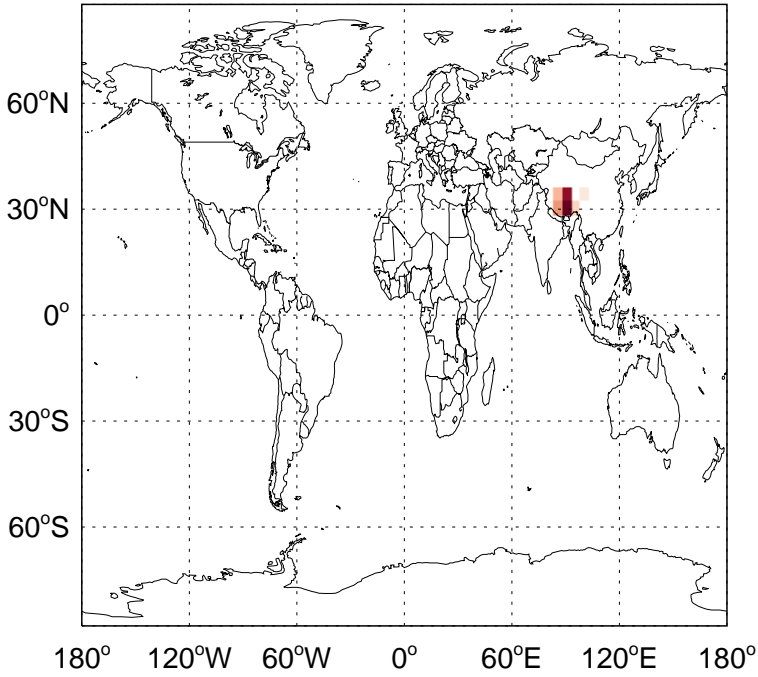
JBr2 - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

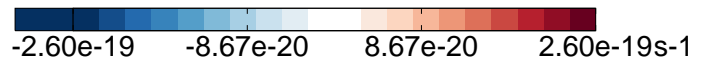
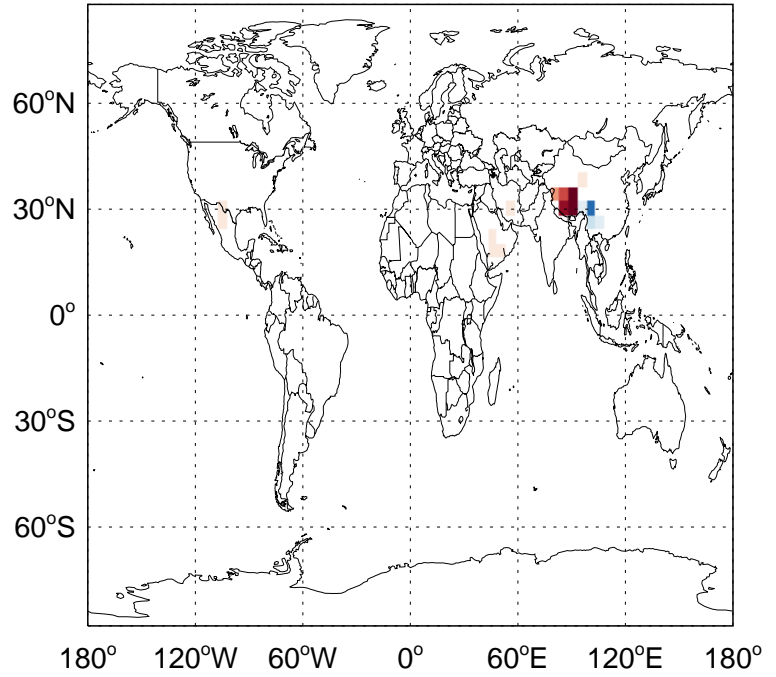
v11-02e-Run1 - v11-02e-Run0

JO2 - J-Value Diff @ surface for Jul



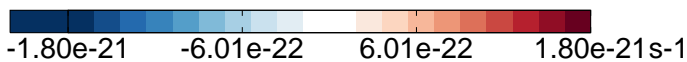
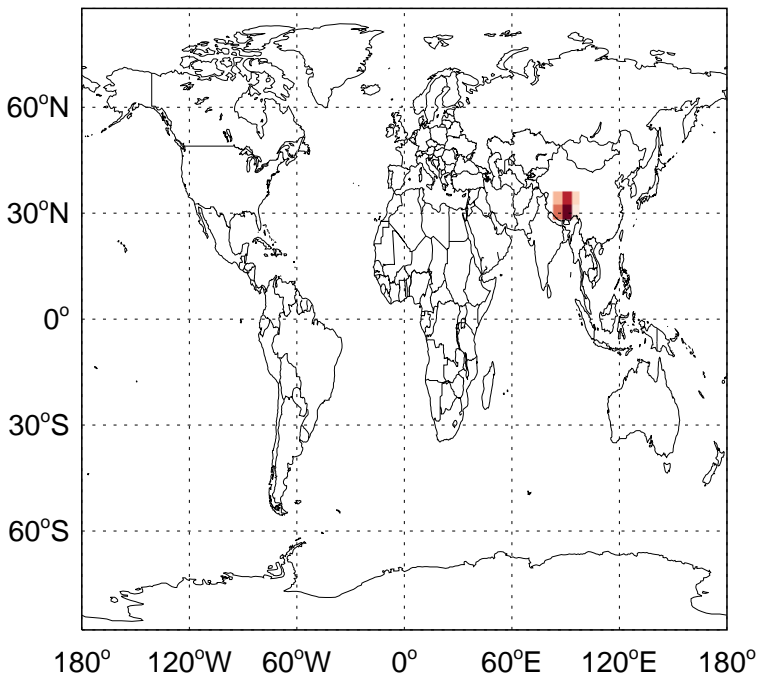
v11-02e-Run1 - v11-02e-Run0

JO2 - J-Value Diff @ 500 hPa for Jul



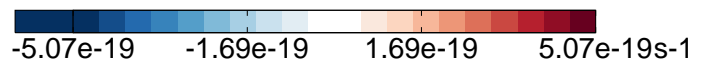
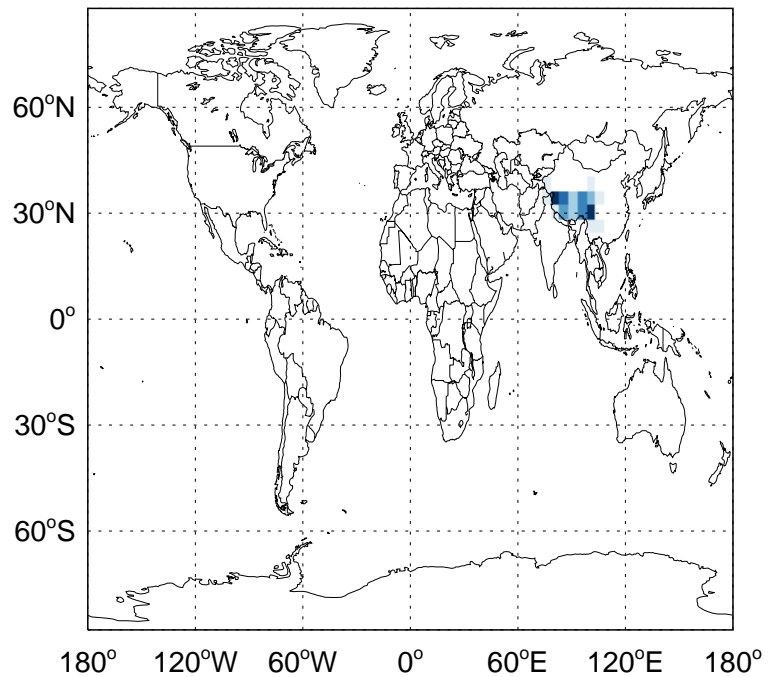
v11-02e-Run1 - v11-02d-Run1

JO2 - J-Value Diff @ surface for Jul



v11-02e-Run1 - v11-02d-Run1

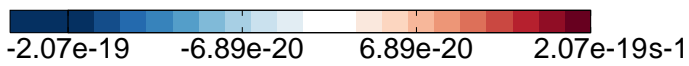
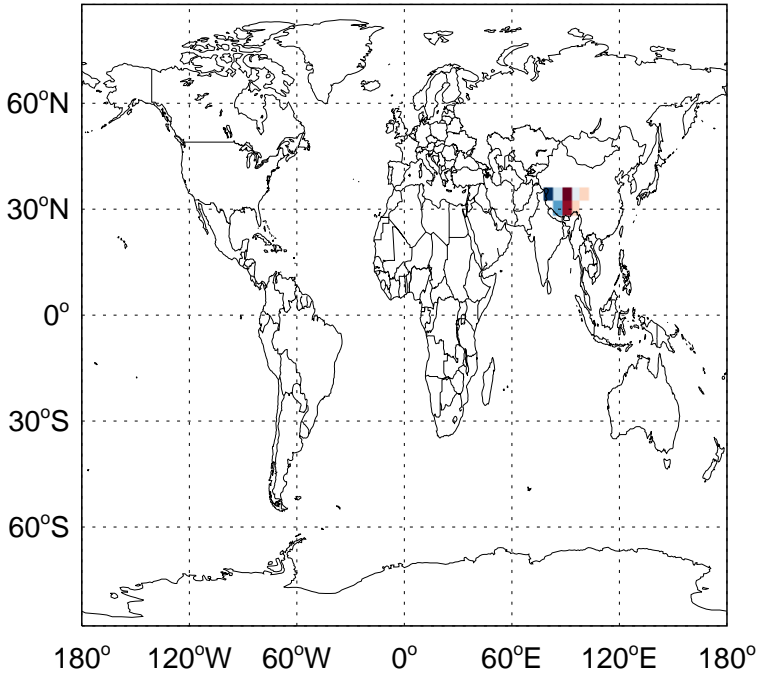
JO2 - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

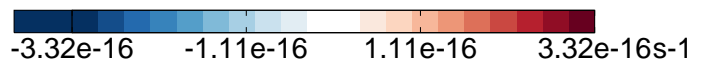
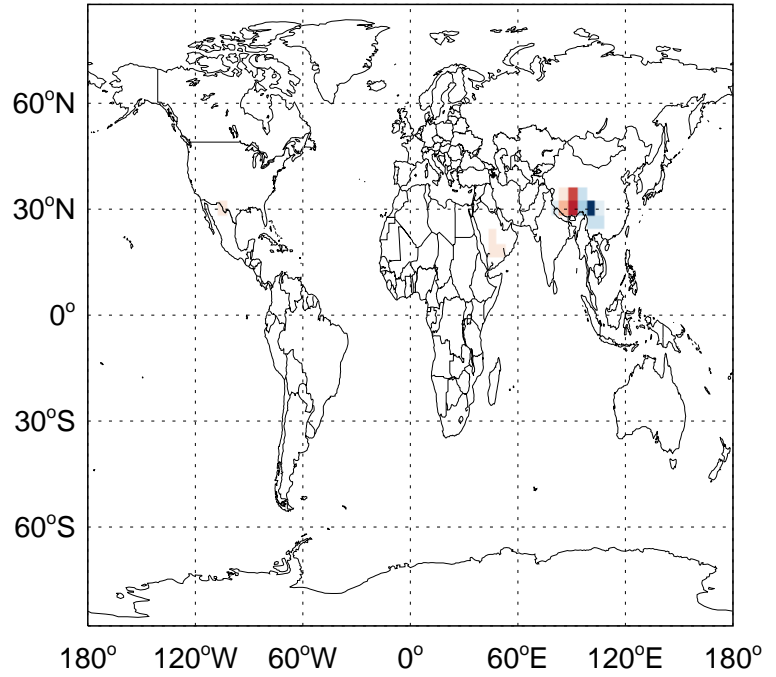
v11-02e-Run1 - v11-02e-Run0

JN2O - J-Value Diff @ surface for Jul



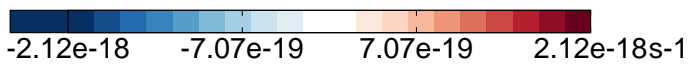
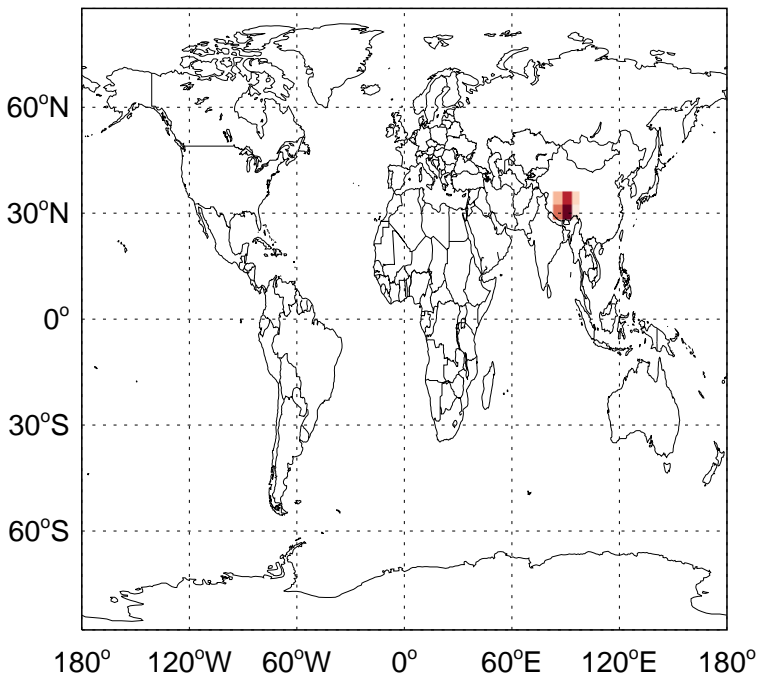
v11-02e-Run1 - v11-02e-Run0

JN2O - J-Value Diff @ 500 hPa for Jul



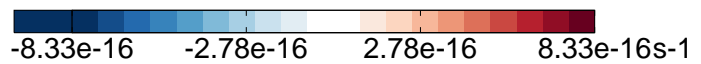
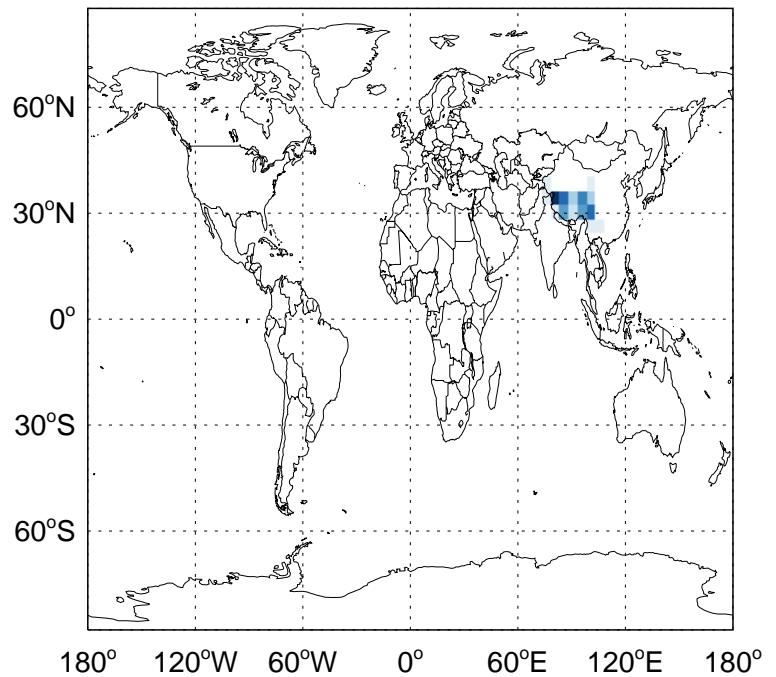
v11-02e-Run1 - v11-02d-Run1

JN2O - J-Value Diff @ surface for Jul



v11-02e-Run1 - v11-02d-Run1

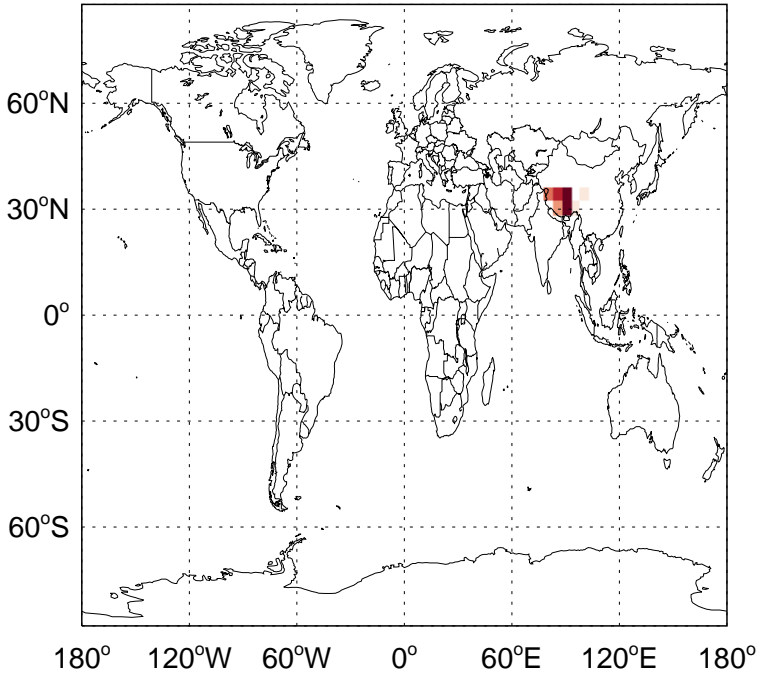
JN2O - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

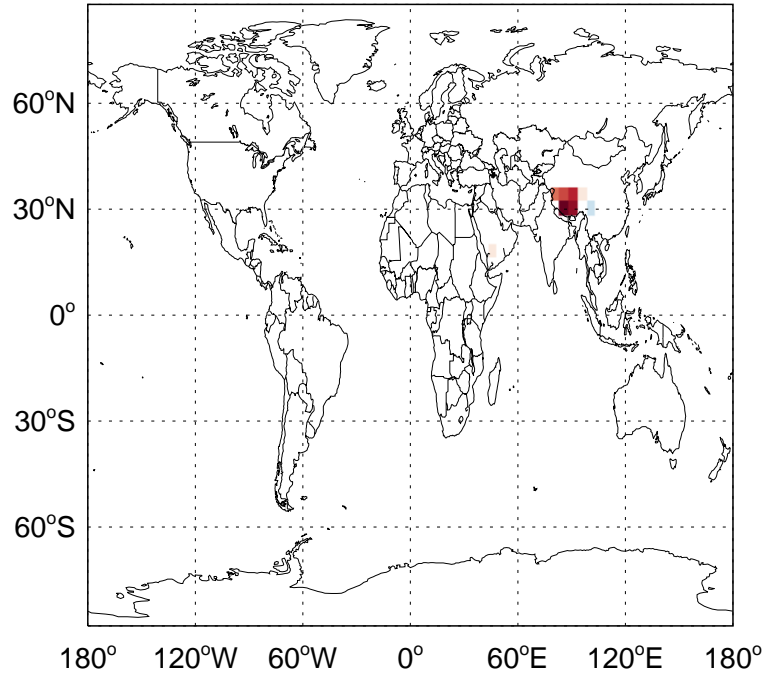
v11-02e-Run1 - v11-02e-Run0

JNO - J-Value Diff @ surface for Jul



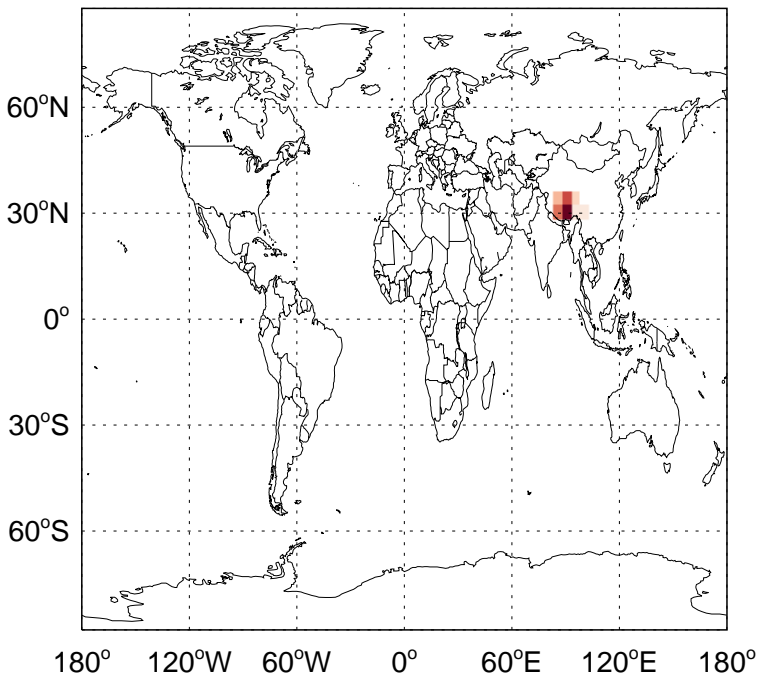
v11-02e-Run1 - v11-02e-Run0

JNO - J-Value Diff @ 500 hPa for Jul



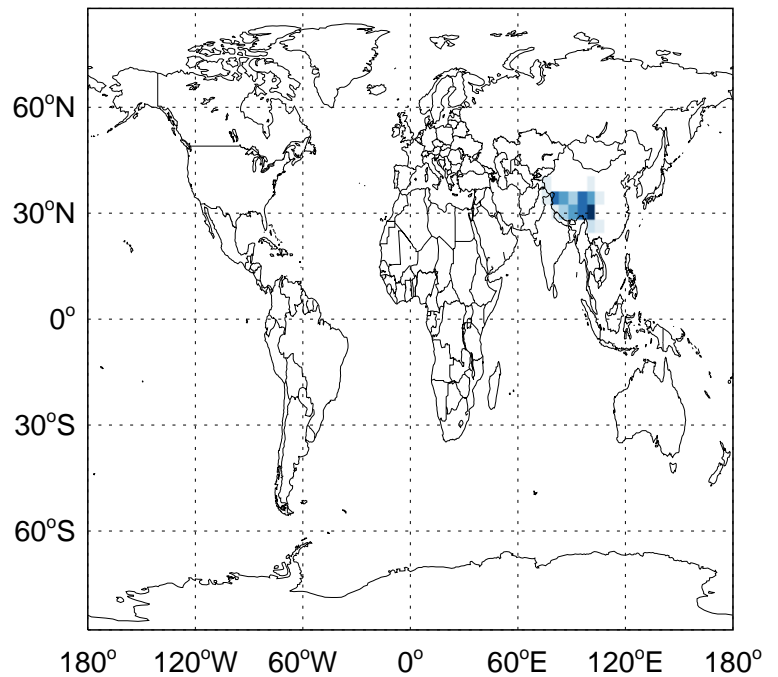
v11-02e-Run1 - v11-02d-Run1

JNO - J-Value Diff @ surface for Jul



v11-02e-Run1 - v11-02d-Run1

JNO - J-Value Diff @ 500 hPa for Jul



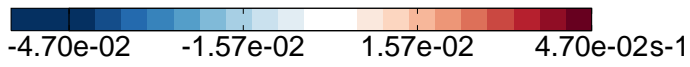
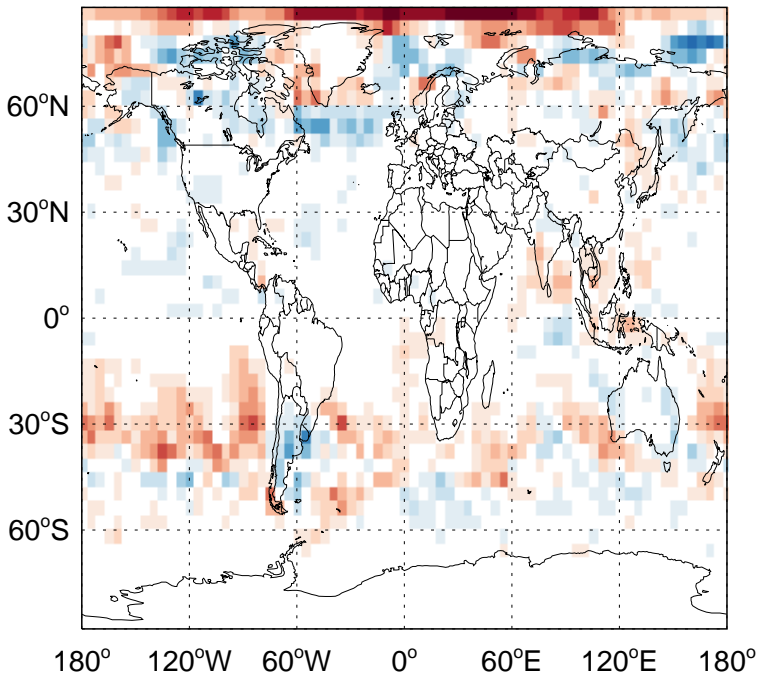
-6.80e-19 -2.27e-19 2.27e-19 6.80e-19s-1

-1.43e-16 -4.75e-17 4.75e-17 1.43e-16s-1

GEOS-Chem J-Values at surface and 500 hPa

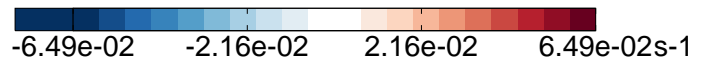
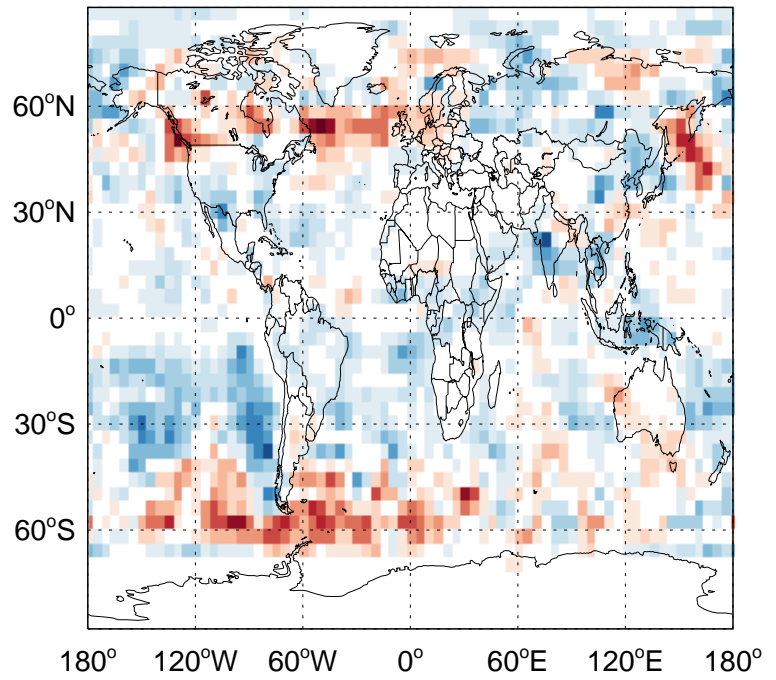
v11-02e-Run1 - v11-02e-Run0

JNO3 - J-Value Diff @ surface for Jul



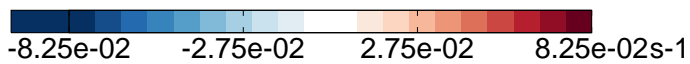
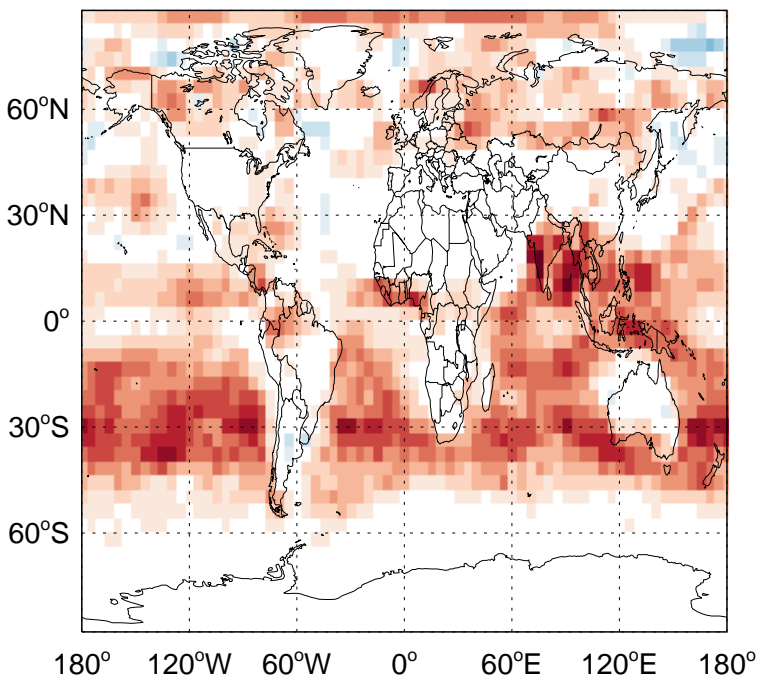
v11-02e-Run1 - v11-02e-Run0

JNO3 - J-Value Diff @ 500 hPa for Jul



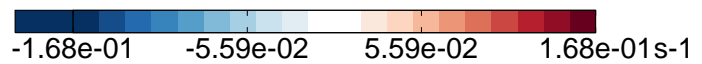
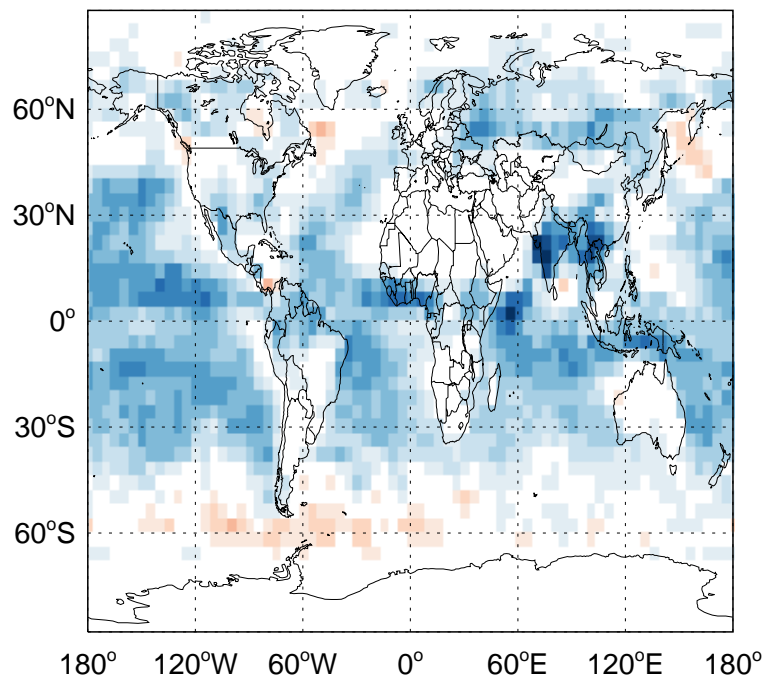
v11-02e-Run1 - v11-02d-Run1

JNO3 - J-Value Diff @ surface for Jul



v11-02e-Run1 - v11-02d-Run1

JNO3 - J-Value Diff @ 500 hPa for Jul

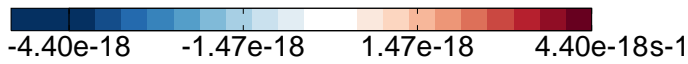
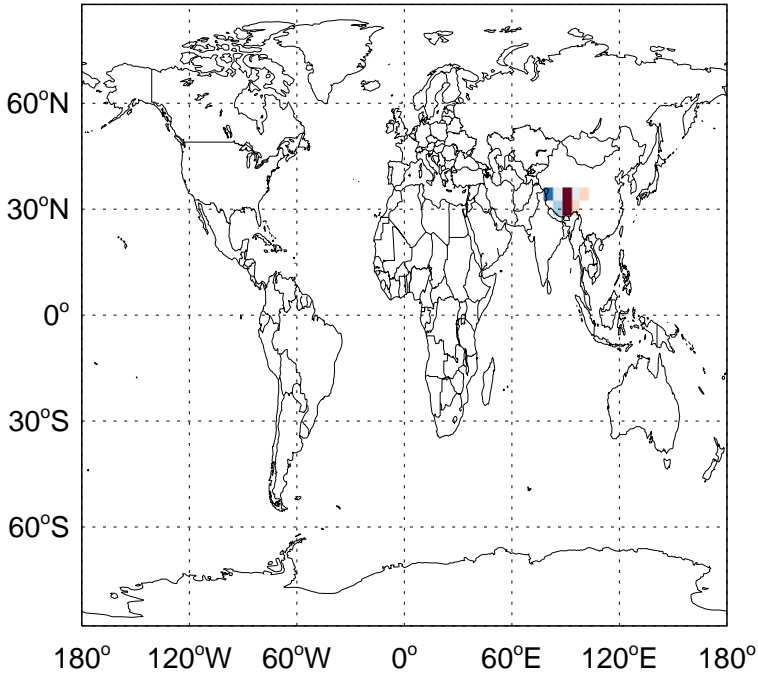




GEOS-Chem J-Values at surface and 500 hPa

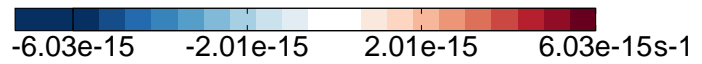
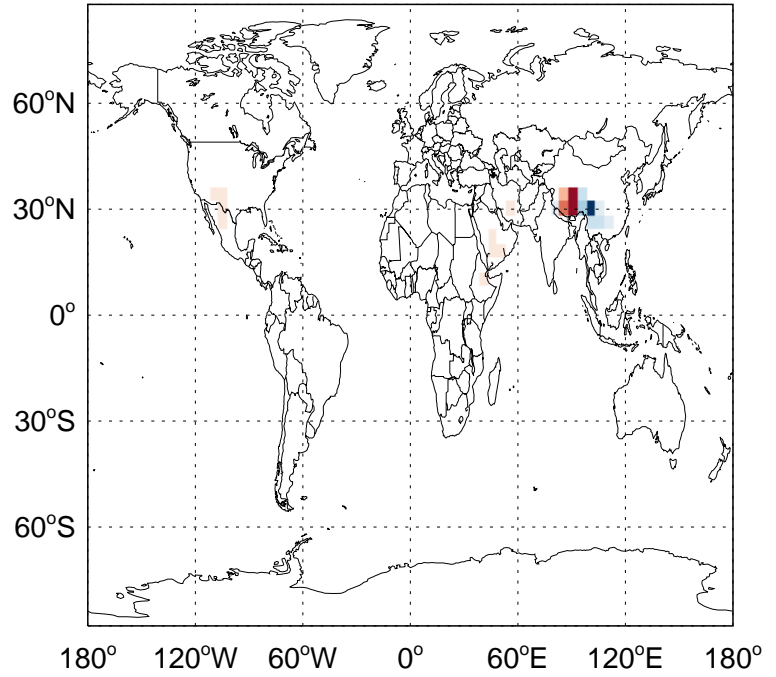
v11-02e-Run1 - v11-02e-Run0

JCFC11 - J-Value Diff @ surface for Jul



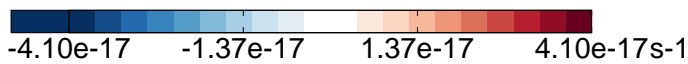
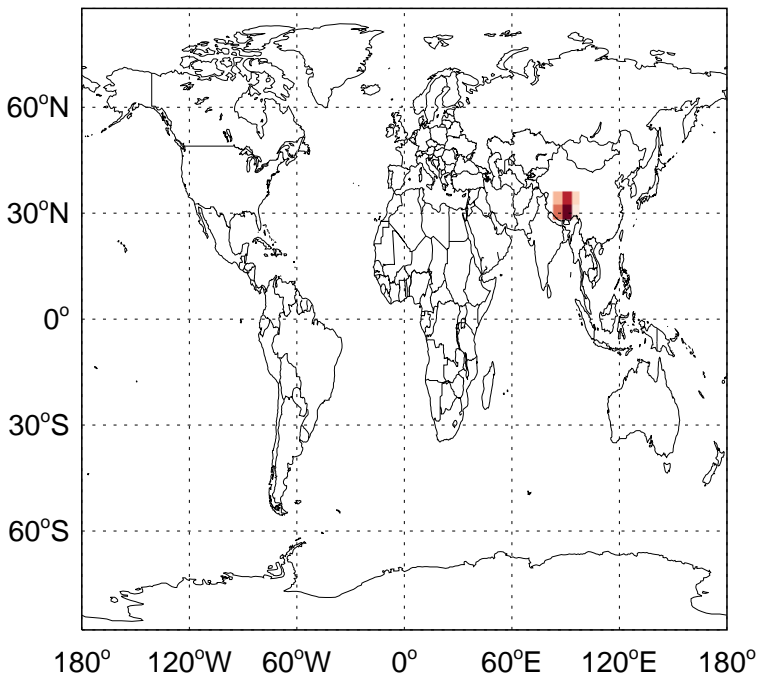
v11-02e-Run1 - v11-02e-Run0

JCFC11 - J-Value Diff @ 500 hPa for Jul



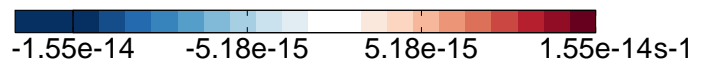
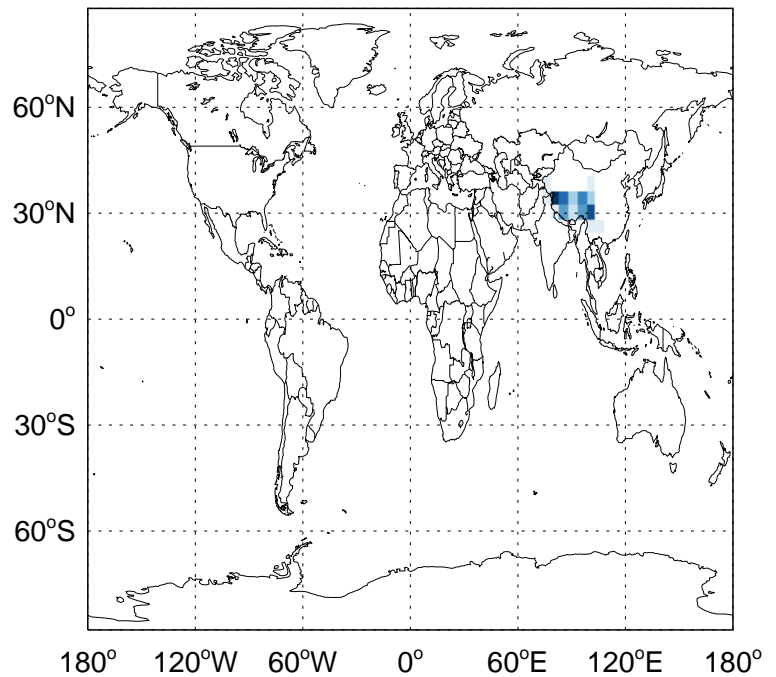
v11-02e-Run1 - v11-02d-Run1

JCFC11 - J-Value Diff @ surface for Jul



v11-02e-Run1 - v11-02d-Run1

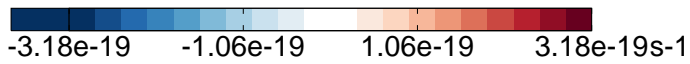
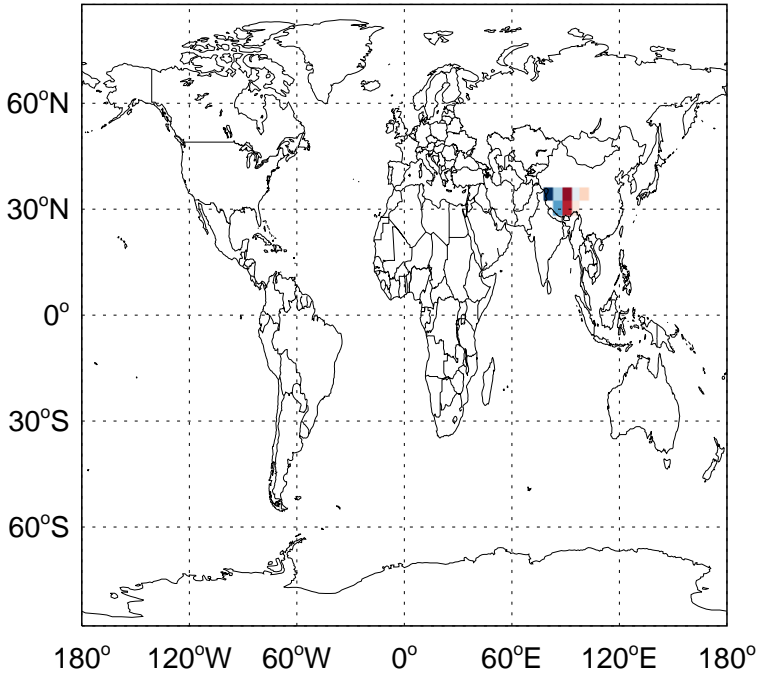
JCFC11 - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

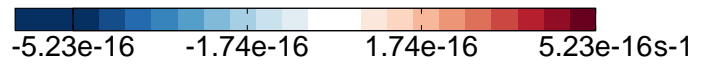
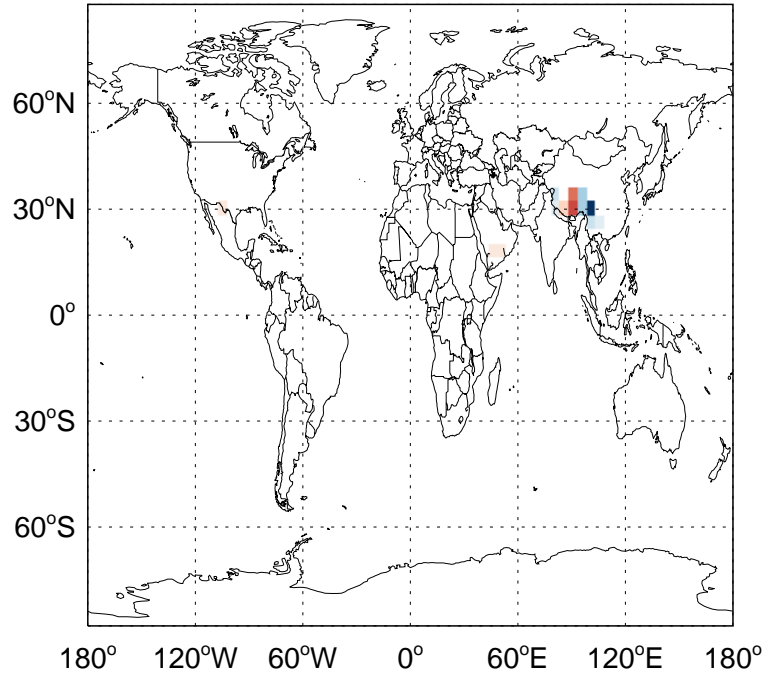
v11-02e-Run1 - v11-02e-Run0

JCFC12 - J-Value Diff @ surface for Jul



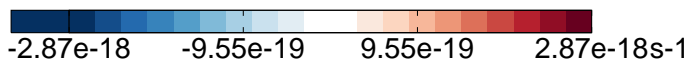
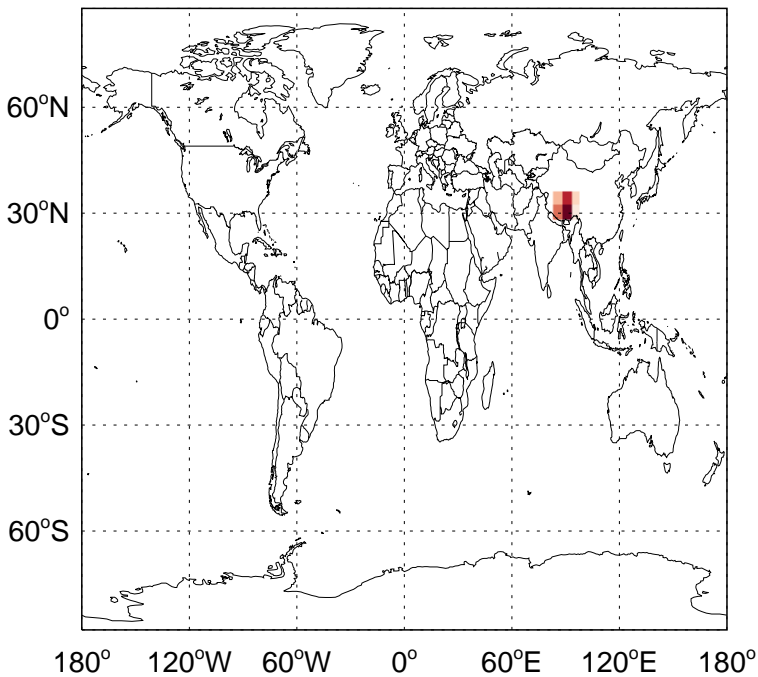
v11-02e-Run1 - v11-02e-Run0

JCFC12 - J-Value Diff @ 500 hPa for Jul



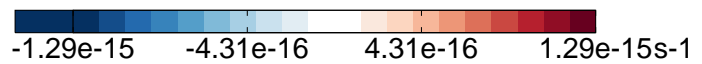
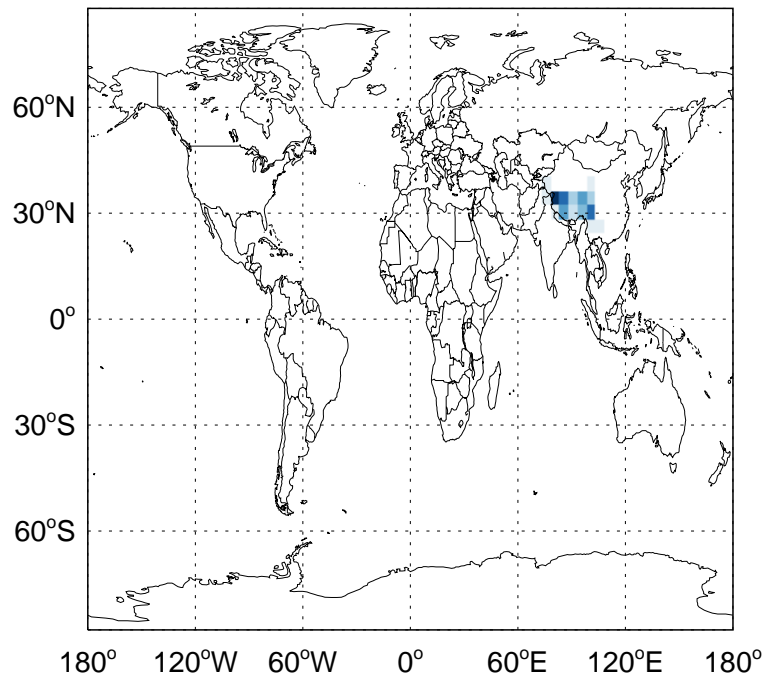
v11-02e-Run1 - v11-02d-Run1

JCFC12 - J-Value Diff @ surface for Jul



v11-02e-Run1 - v11-02d-Run1

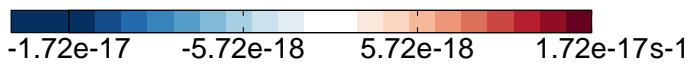
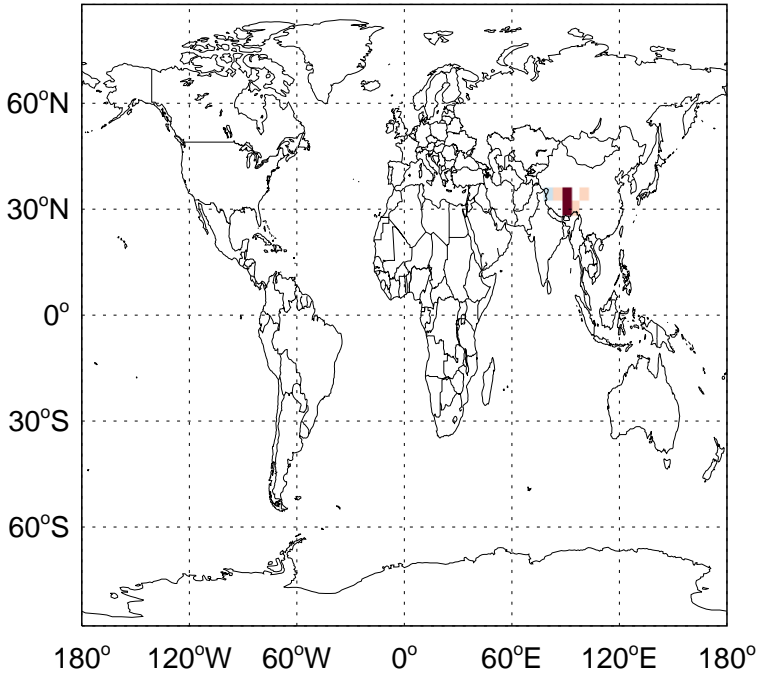
JCFC12 - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

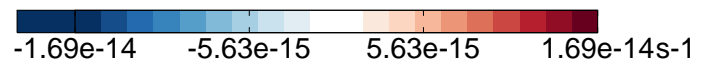
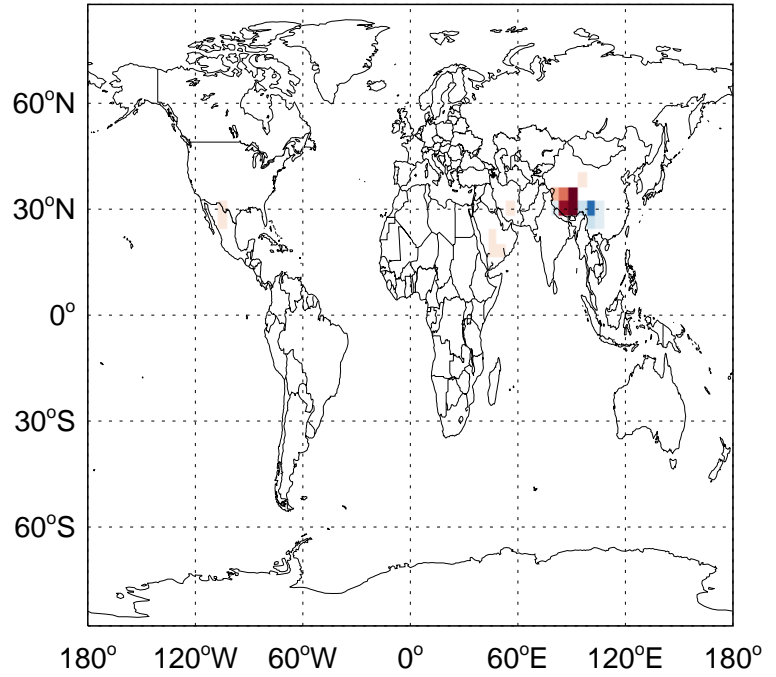
v11-02e-Run1 - v11-02e-Run0

JCCI4 - J-Value Diff @ surface for Jul



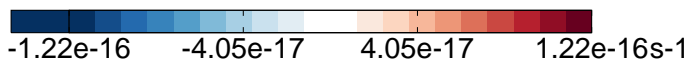
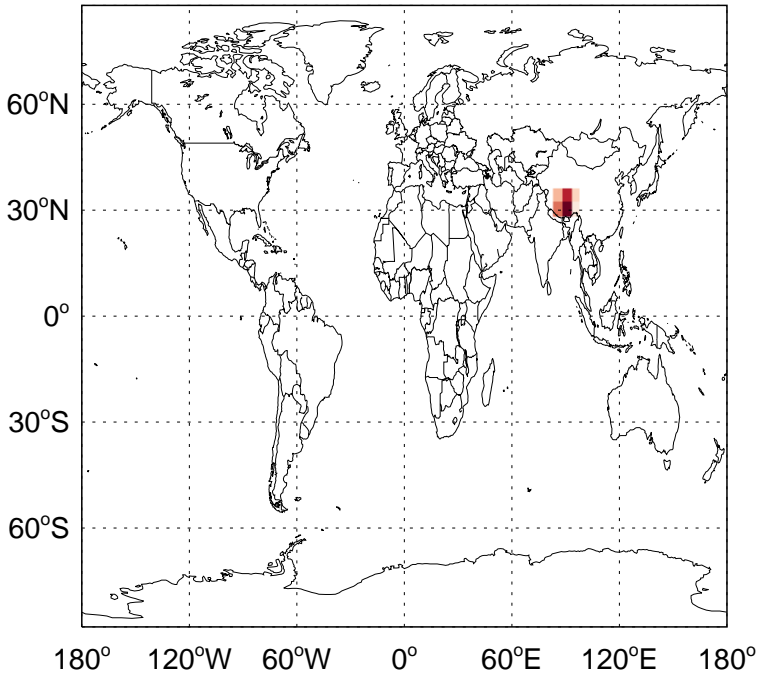
v11-02e-Run1 - v11-02e-Run0

JCCI4 - J-Value Diff @ 500 hPa for Jul



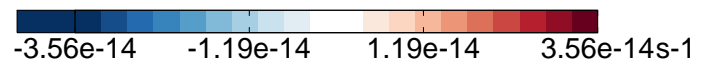
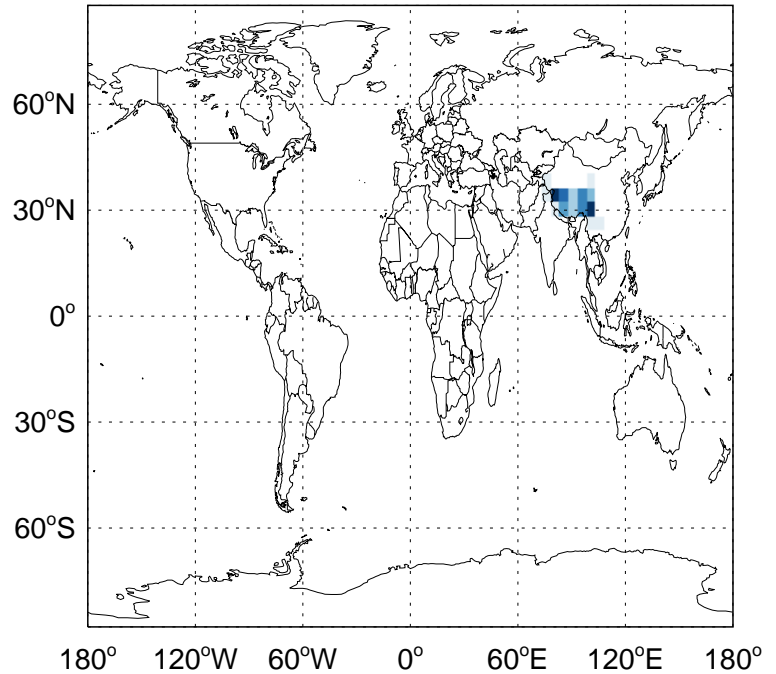
v11-02e-Run1 - v11-02d-Run1

JCCI4 - J-Value Diff @ surface for Jul



v11-02e-Run1 - v11-02d-Run1

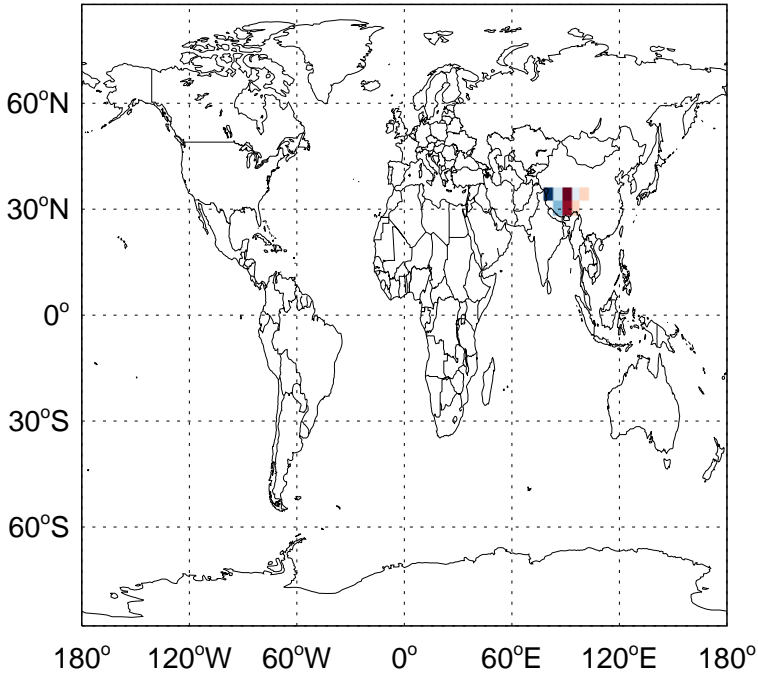
JCCI4 - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

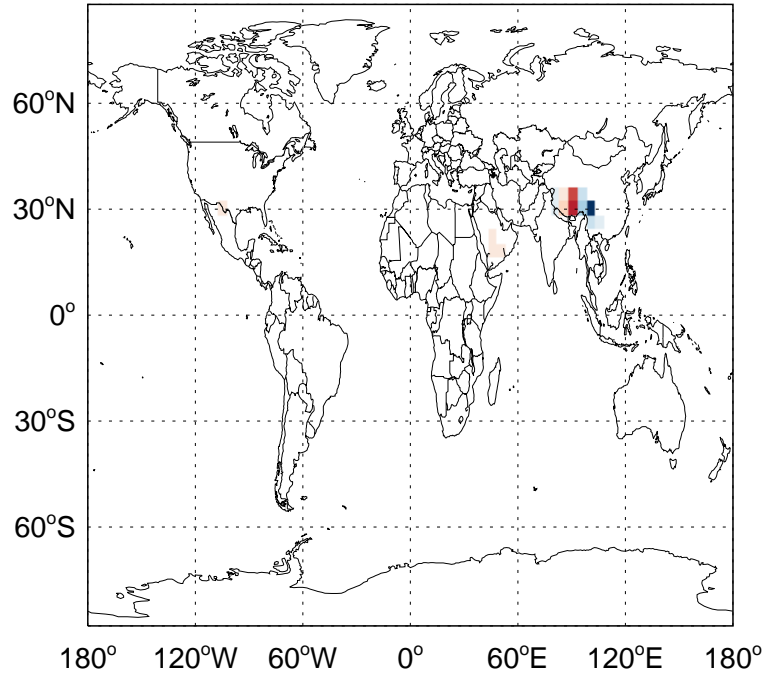
v11-02e-Run1 - v11-02e-Run0

JCH3Cl - J-Value Diff @ surface for Jul



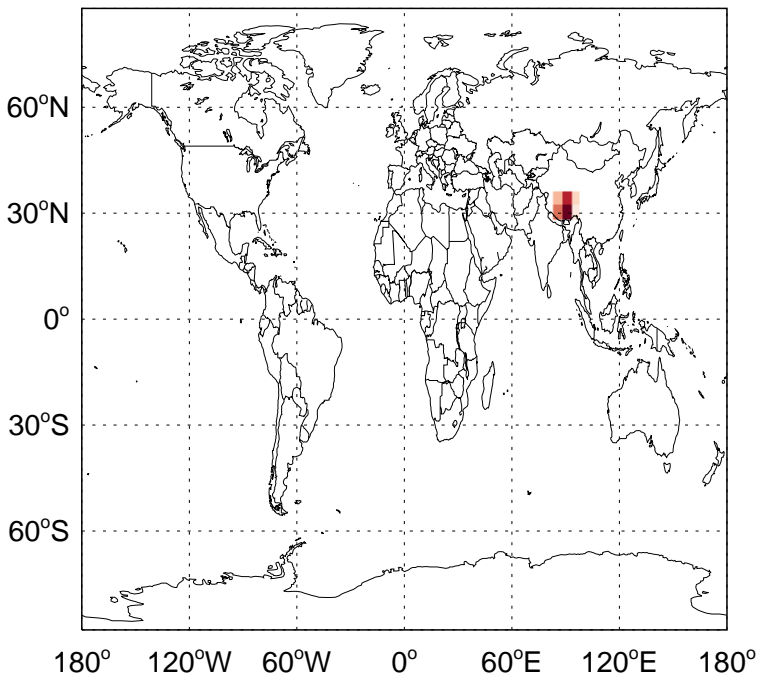
v11-02e-Run1 - v11-02e-Run0

JCH3Cl - J-Value Diff @ 500 hPa for Jul



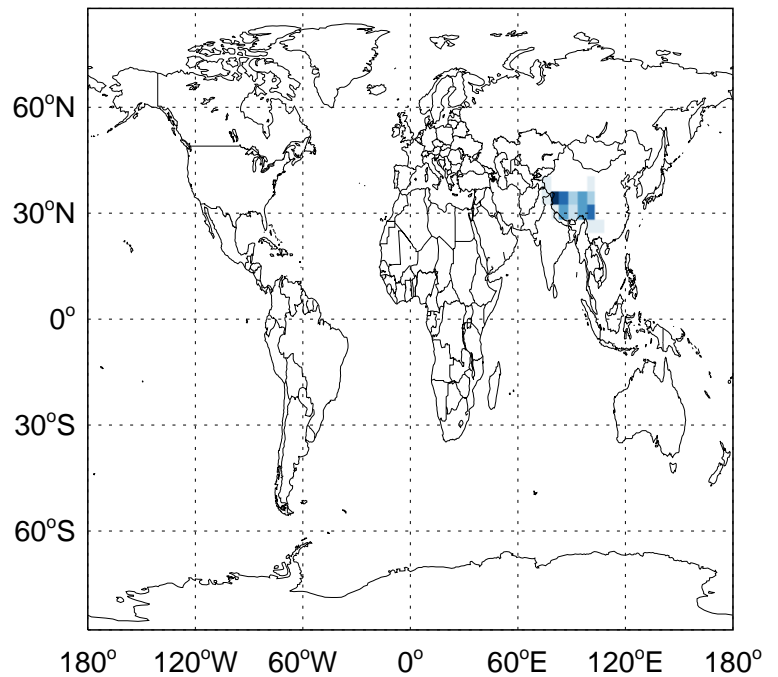
v11-02e-Run1 - v11-02d-Run1

JCH3Cl - J-Value Diff @ surface for Jul



v11-02e-Run1 - v11-02d-Run1

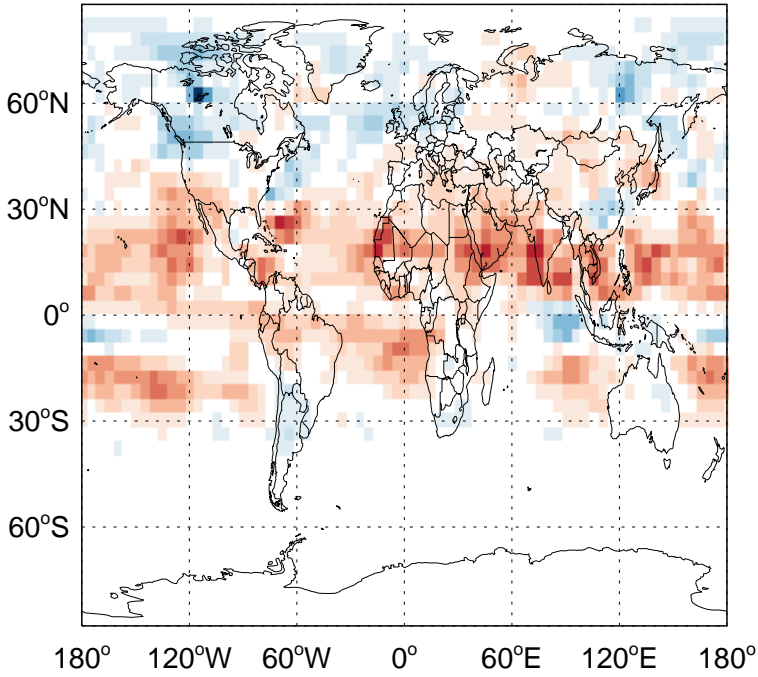
JCH3Cl - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

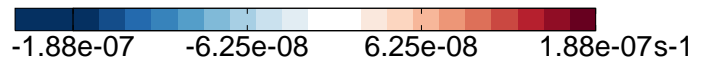
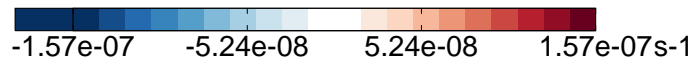
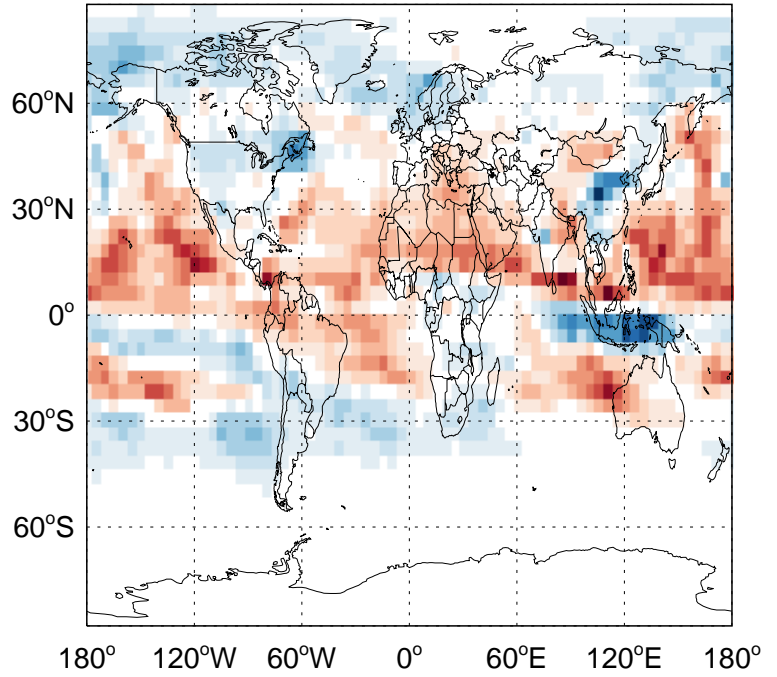
v11-02e-Run1 - v11-02e-Run0

JACET - J-Value Diff @ surface for Jul



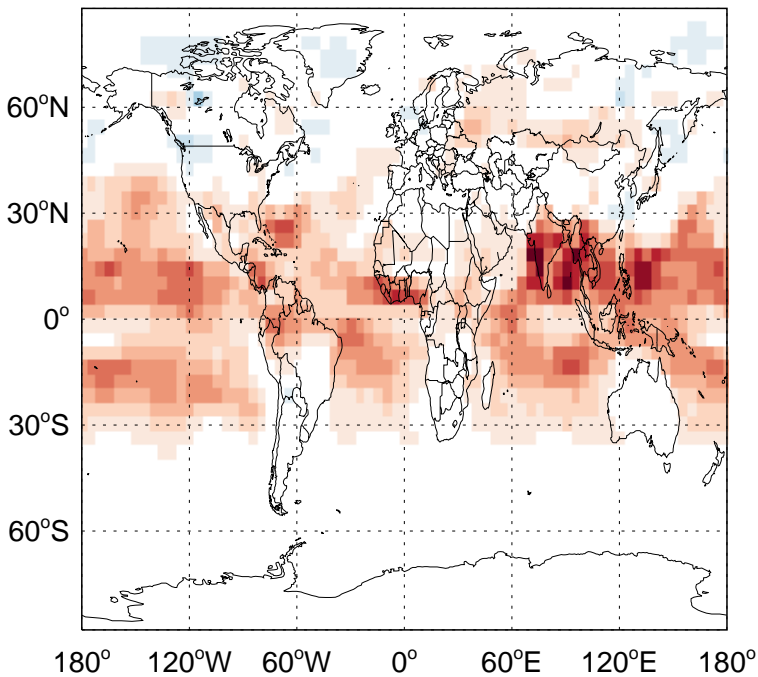
v11-02e-Run1 - v11-02e-Run0

JACET - J-Value Diff @ 500 hPa for Jul



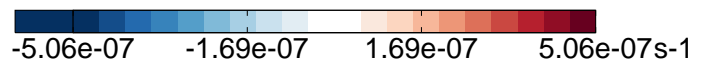
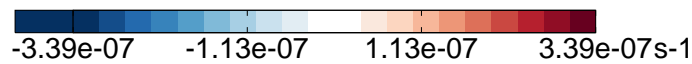
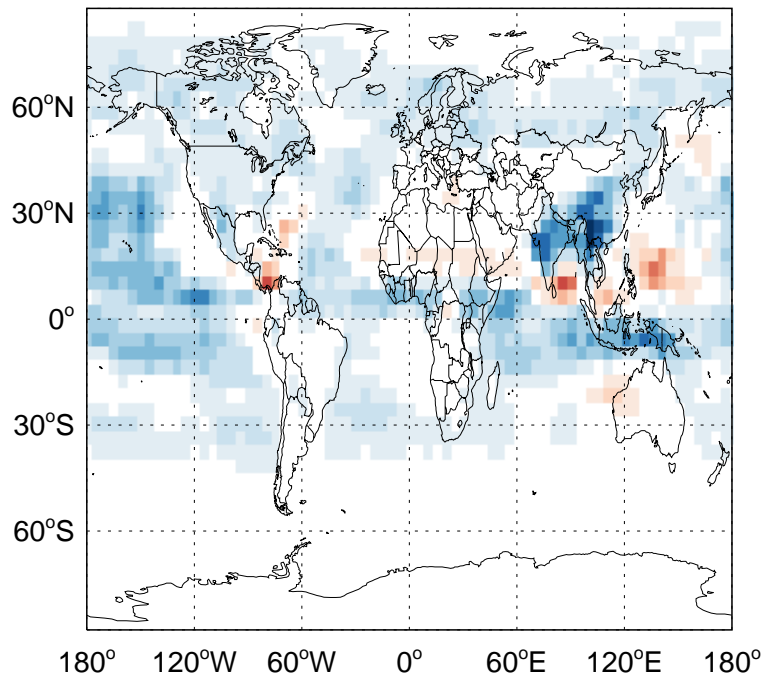
v11-02e-Run1 - v11-02d-Run1

JACET - J-Value Diff @ surface for Jul



v11-02e-Run1 - v11-02d-Run1

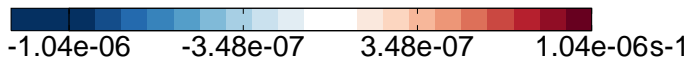
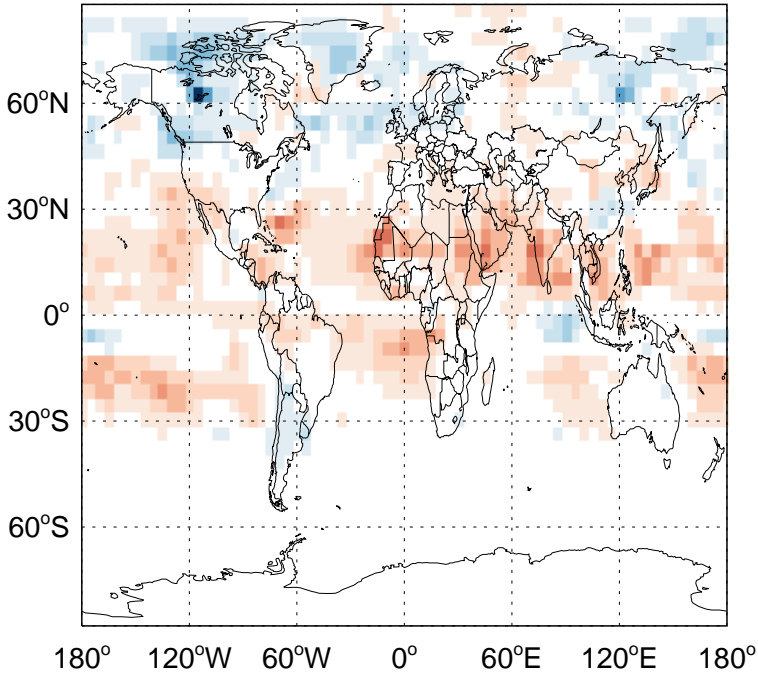
JACET - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

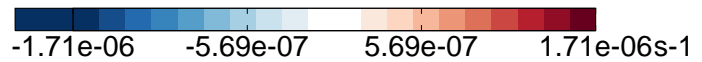
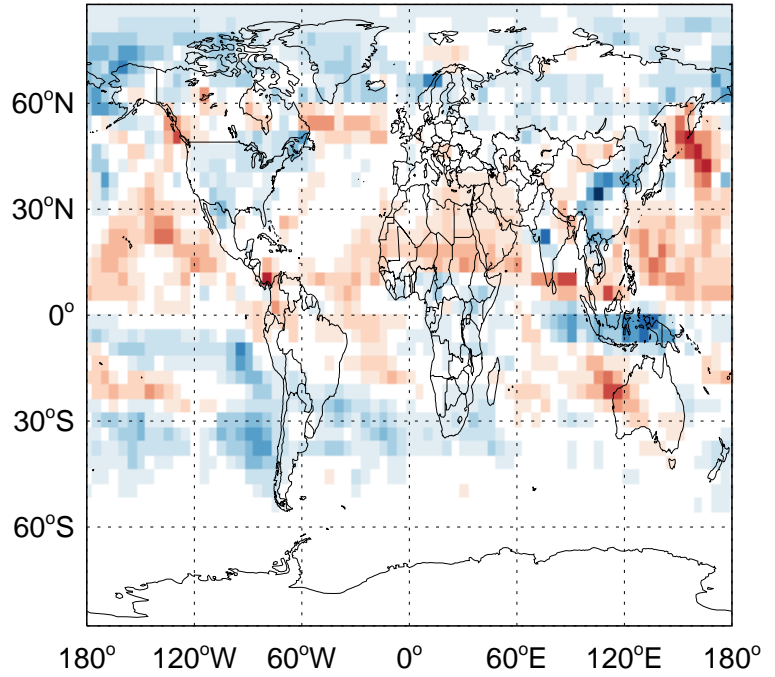
v11-02e-Run1 - v11-02e-Run0

JALD2 - J-Value Diff @ surface for Jul



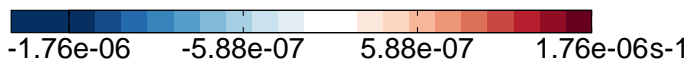
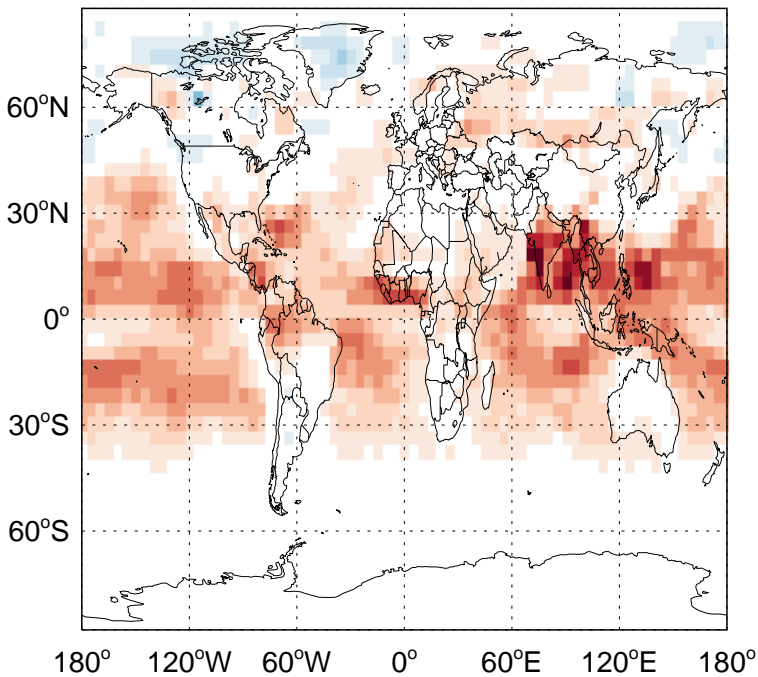
v11-02e-Run1 - v11-02e-Run0

JALD2 - J-Value Diff @ 500 hPa for Jul



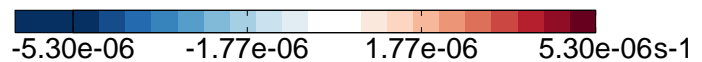
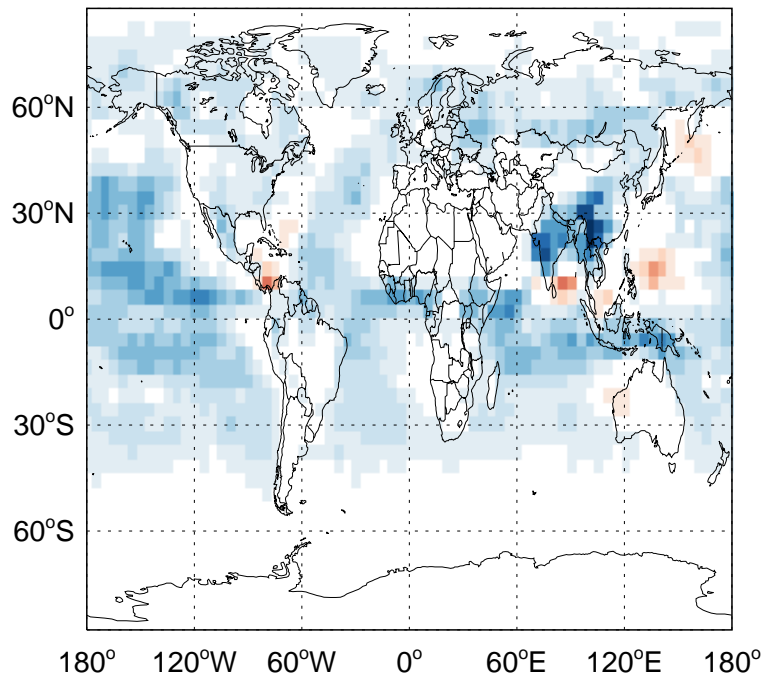
v11-02e-Run1 - v11-02d-Run1

JALD2 - J-Value Diff @ surface for Jul



v11-02e-Run1 - v11-02d-Run1

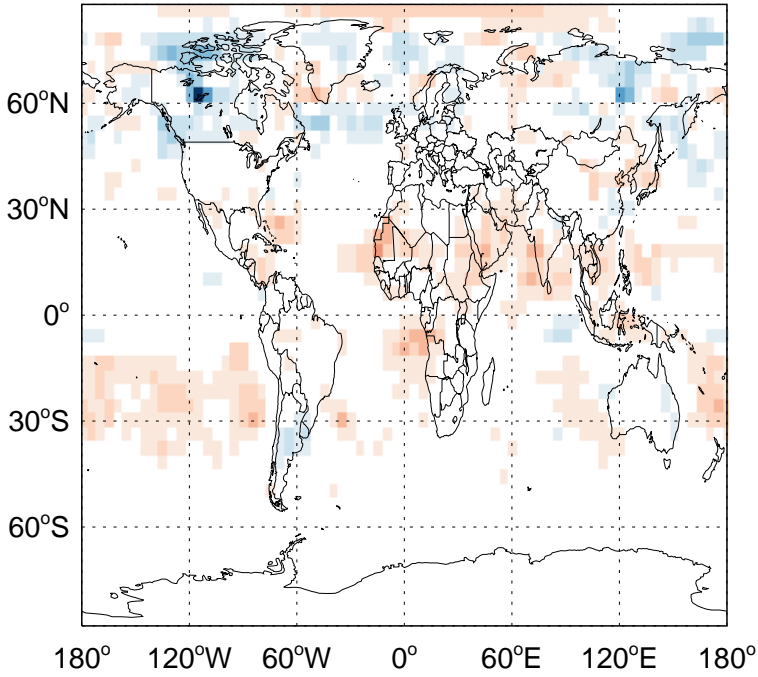
JALD2 - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

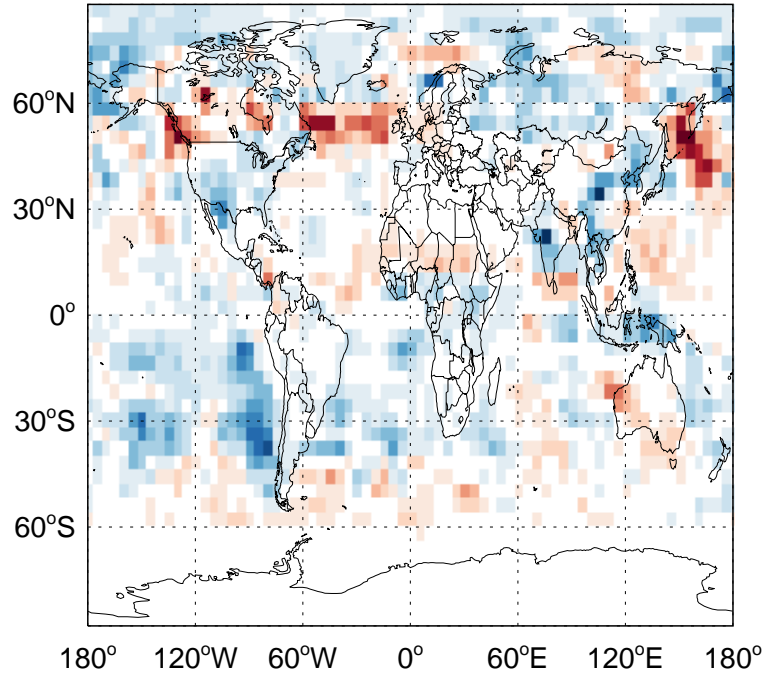
v11-02e-Run1 - v11-02e-Run0

JMVK - J-Value Diff @ surface for Jul



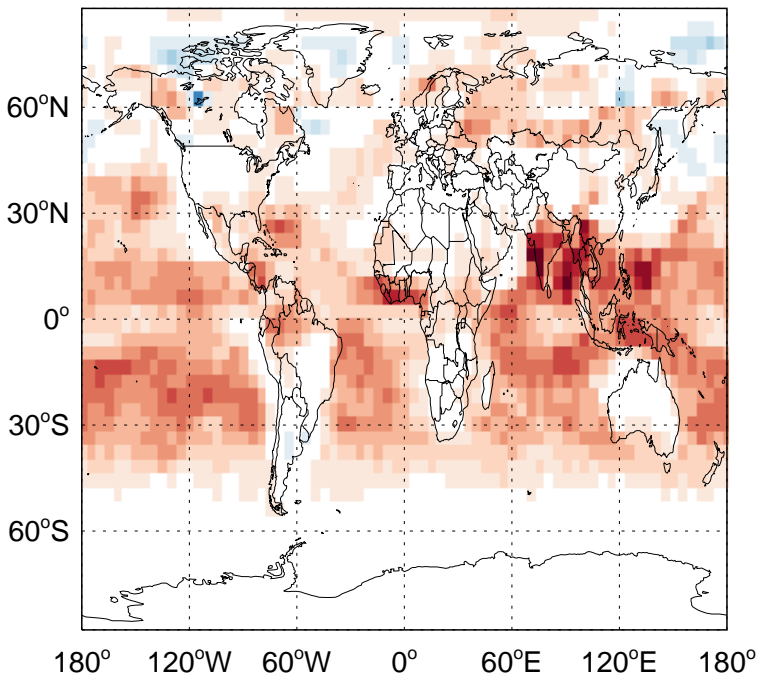
v11-02e-Run1 - v11-02e-Run0

JMVK - J-Value Diff @ 500 hPa for Jul



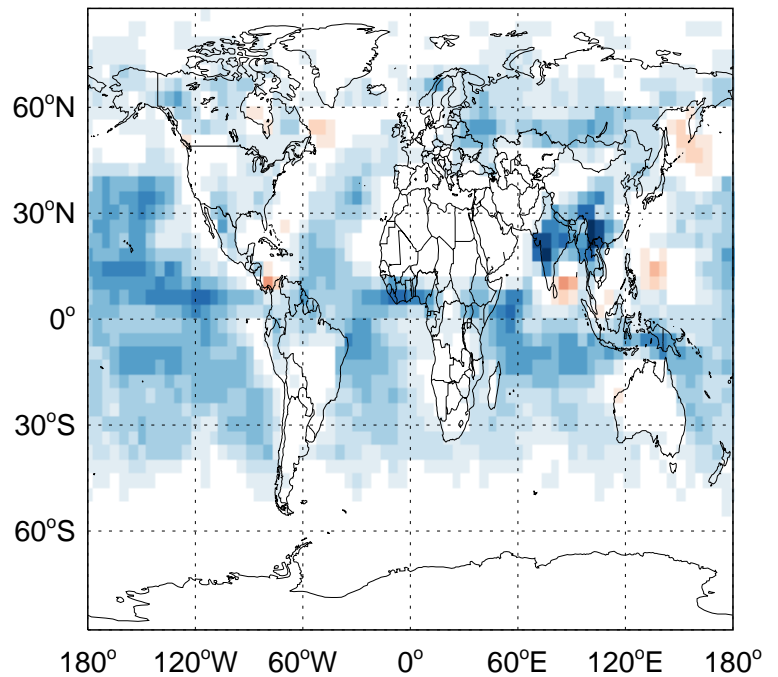
v11-02e-Run1 - v11-02d-Run1

JMVK - J-Value Diff @ surface for Jul



v11-02e-Run1 - v11-02d-Run1

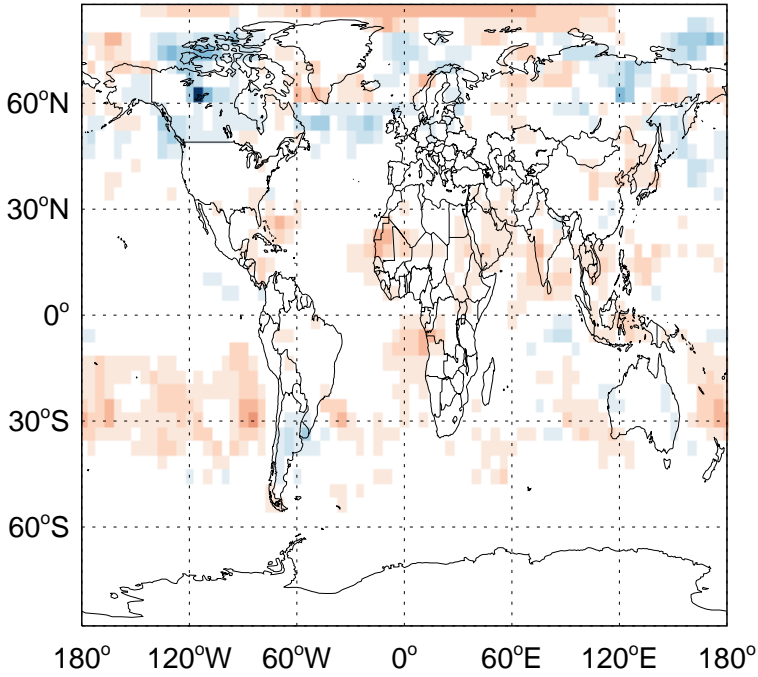
JMVK - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

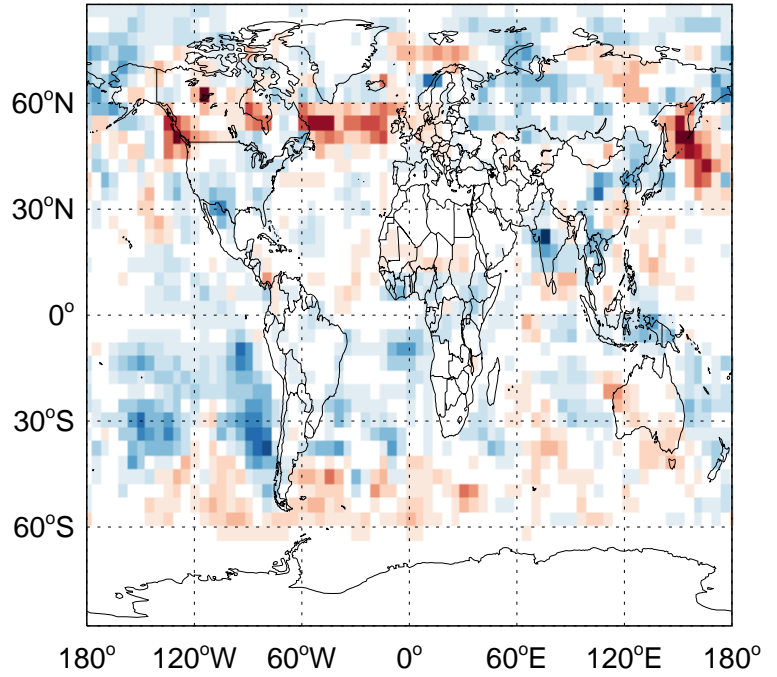
v11-02e-Run1 - v11-02e-Run0

JMACR - J-Value Diff @ surface for Jul



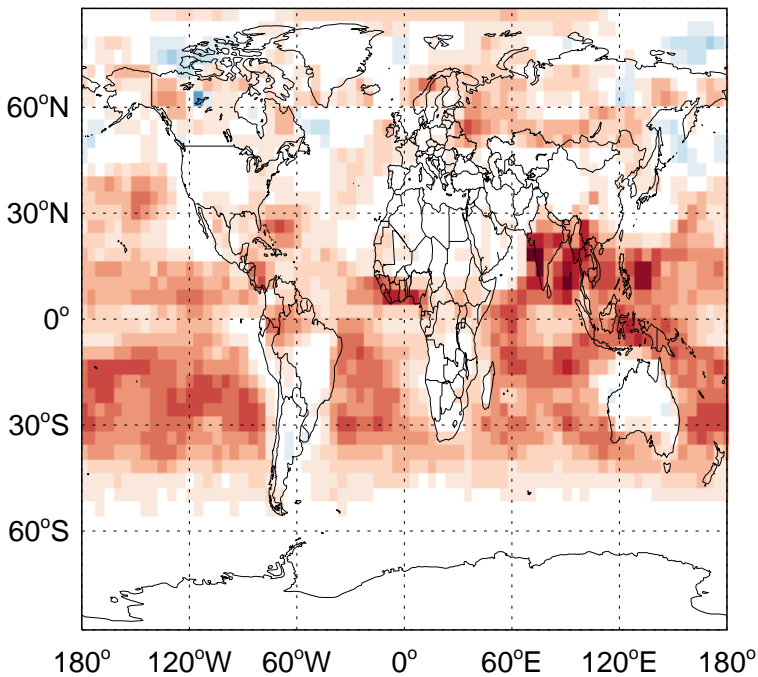
v11-02e-Run1 - v11-02e-Run0

JMACR - J-Value Diff @ 500 hPa for Jul



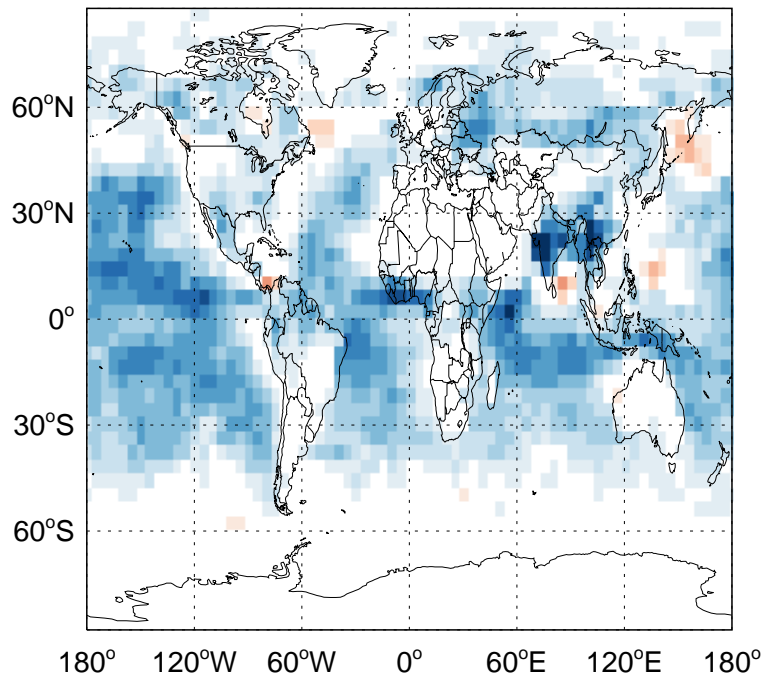
v11-02e-Run1 - v11-02d-Run1

JMACR - J-Value Diff @ surface for Jul



v11-02e-Run1 - v11-02d-Run1

JMACR - J-Value Diff @ 500 hPa for Jul

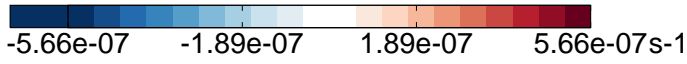
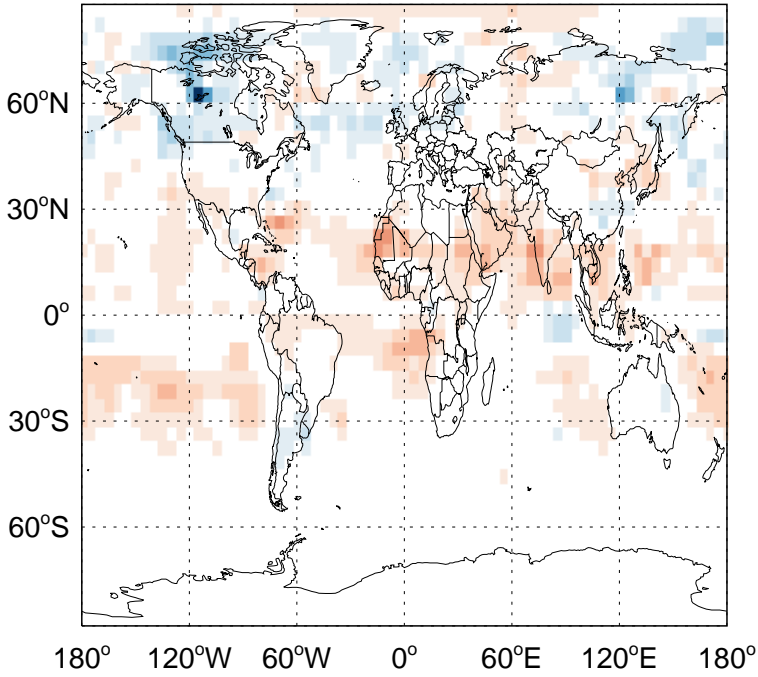




GEOS-Chem J-Values at surface and 500 hPa

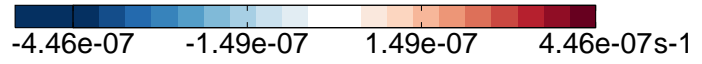
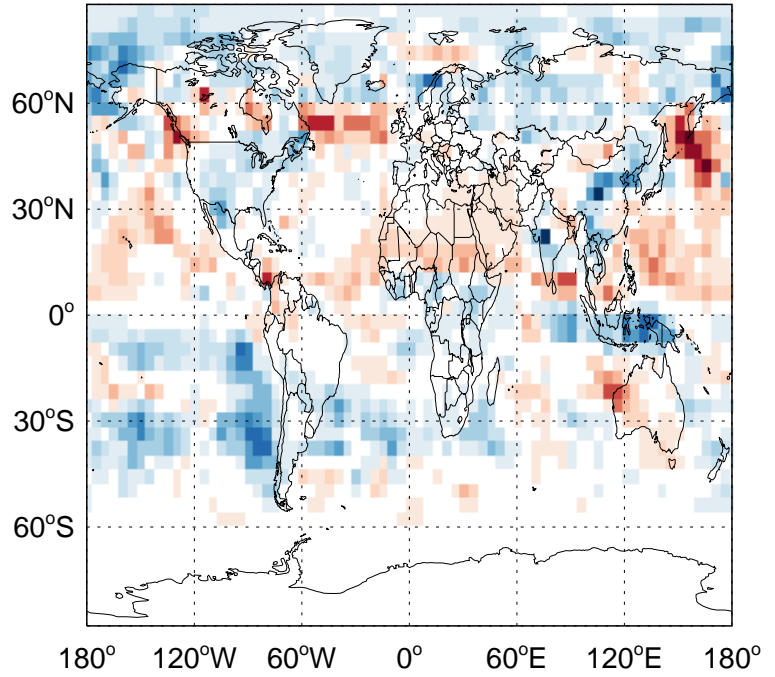
v11-02e-Run1 - v11-02e-Run0

JHAC - J-Value Diff @ surface for Jul



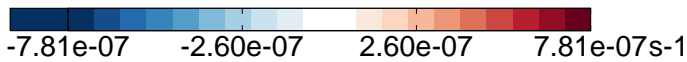
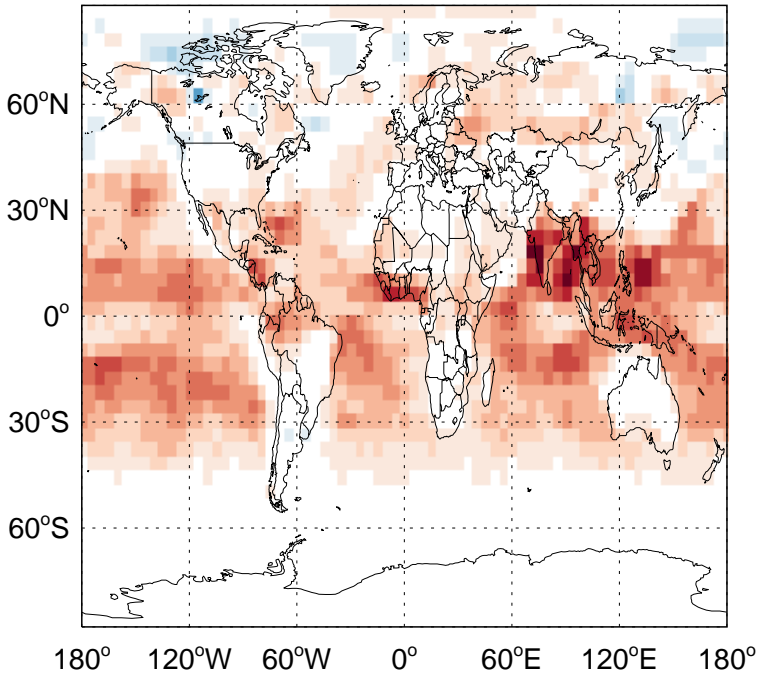
v11-02e-Run1 - v11-02e-Run0

JHAC - J-Value Diff @ 500 hPa for Jul



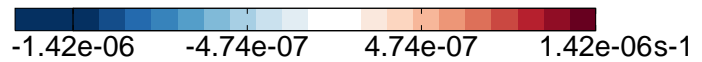
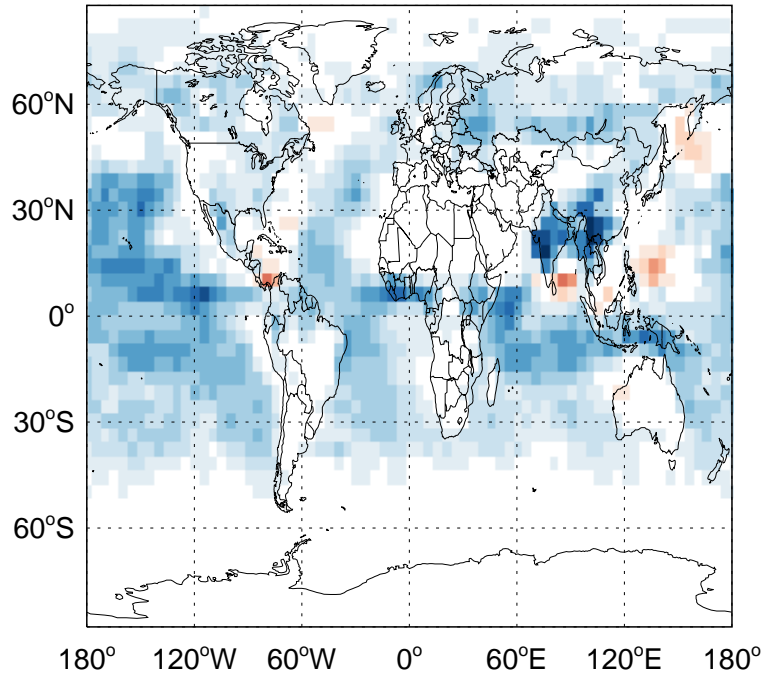
v11-02e-Run1 - v11-02d-Run1

JHAC - J-Value Diff @ surface for Jul



v11-02e-Run1 - v11-02d-Run1

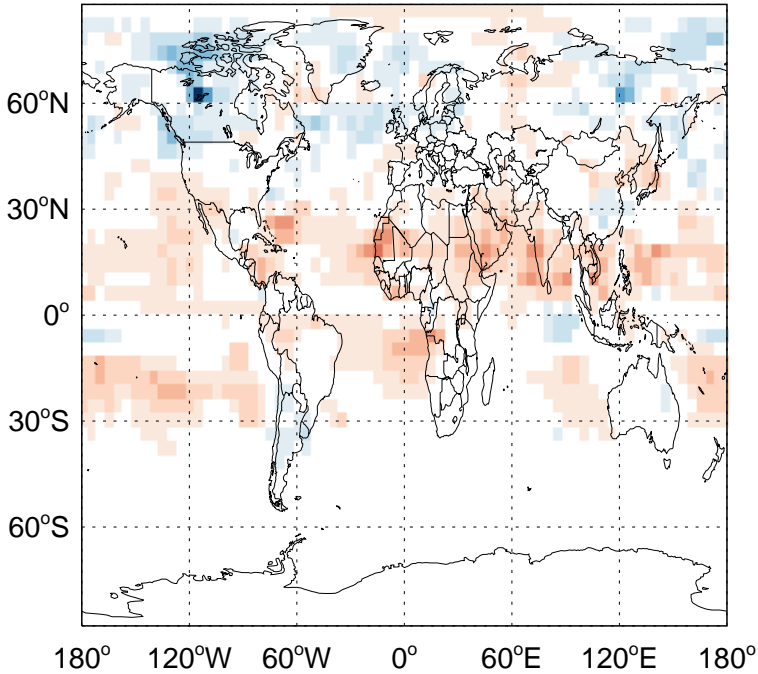
JHAC - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

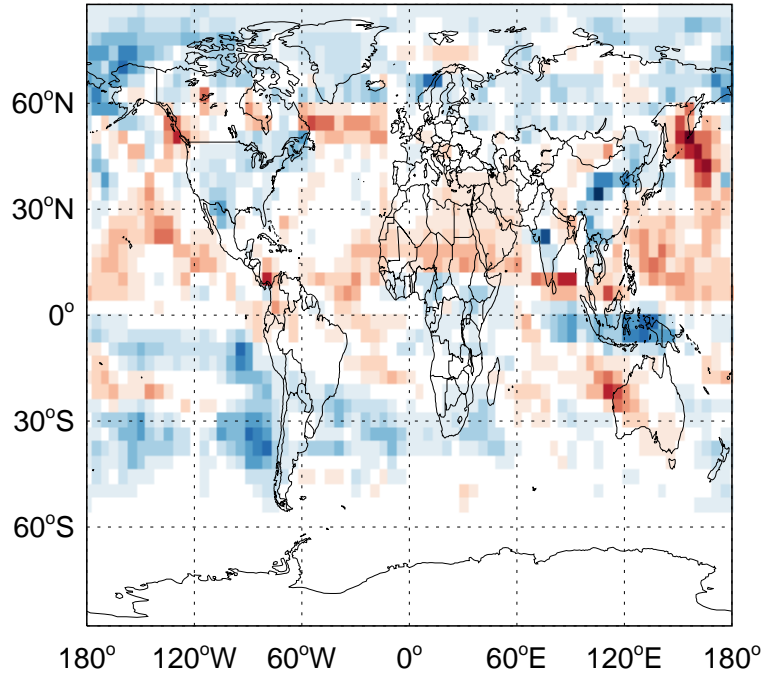
v11-02e-Run1 - v11-02e-Run0

JGLYC - J-Value Diff @ surface for Jul



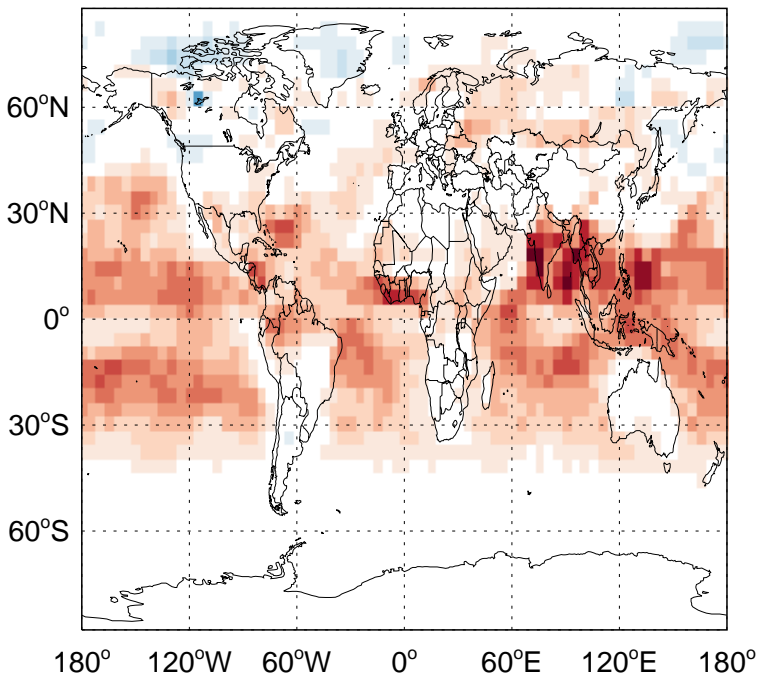
v11-02e-Run1 - v11-02e-Run0

JGLYC - J-Value Diff @ 500 hPa for Jul



v11-02e-Run1 - v11-02d-Run1

JGLYC - J-Value Diff @ surface for Jul



v11-02e-Run1 - v11-02d-Run1

JGLYC - J-Value Diff @ 500 hPa for Jul

