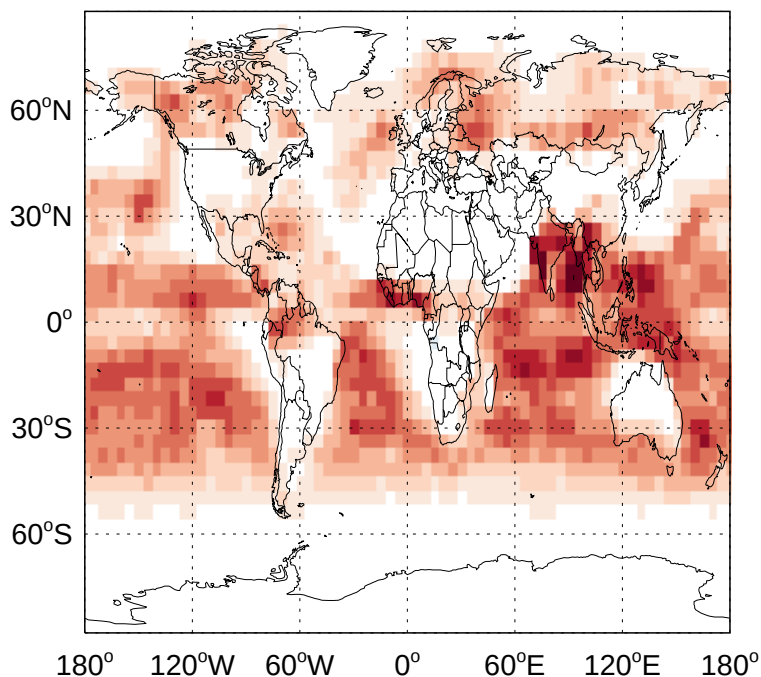


GEOS-Chem J-Values at surface and 500 hPa

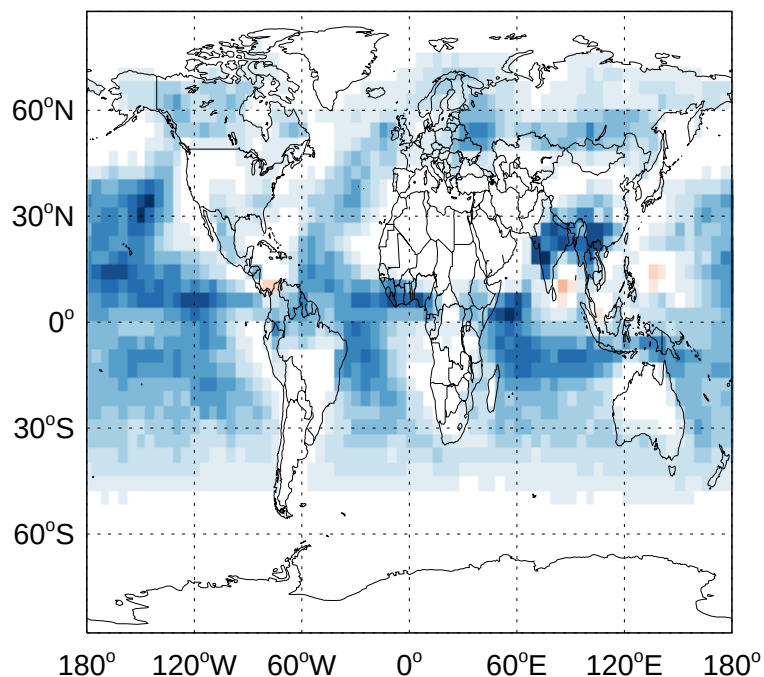
v11-02e-Run0 - v11-02d-Run1

JNO2 - J-Value Diff @ surface for Jul



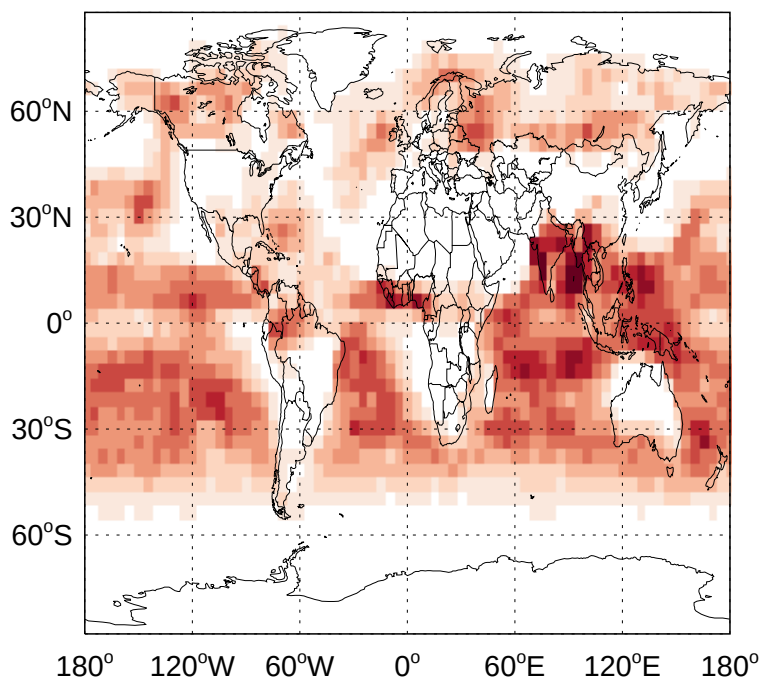
v11-02e-Run0 - v11-02d-Run1

JNO2 - J-Value Diff @ 500 hPa for Jul



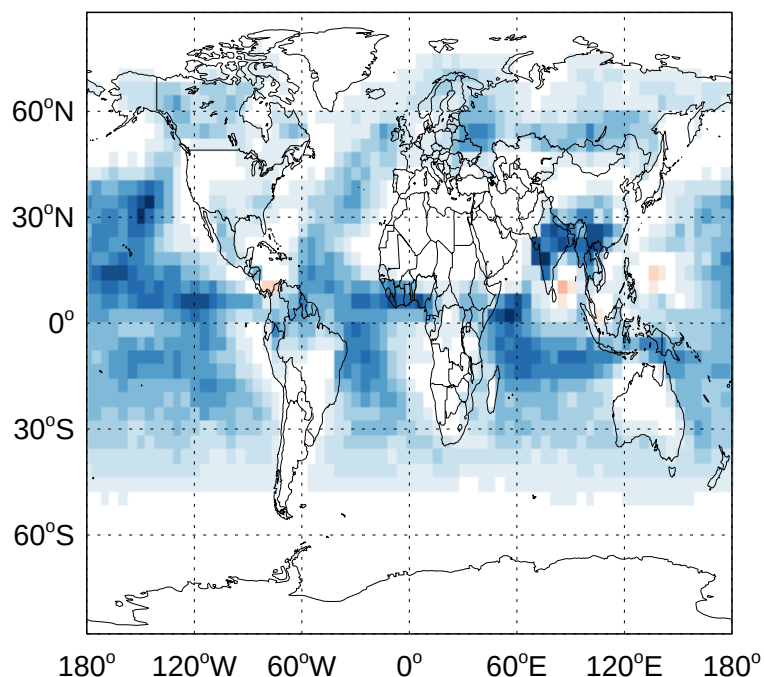
v11-02e-Run0 - v11-02c-Run0

JNO2 - J-Value Diff @ surface for Jul



v11-02e-Run0 - v11-02c-Run0

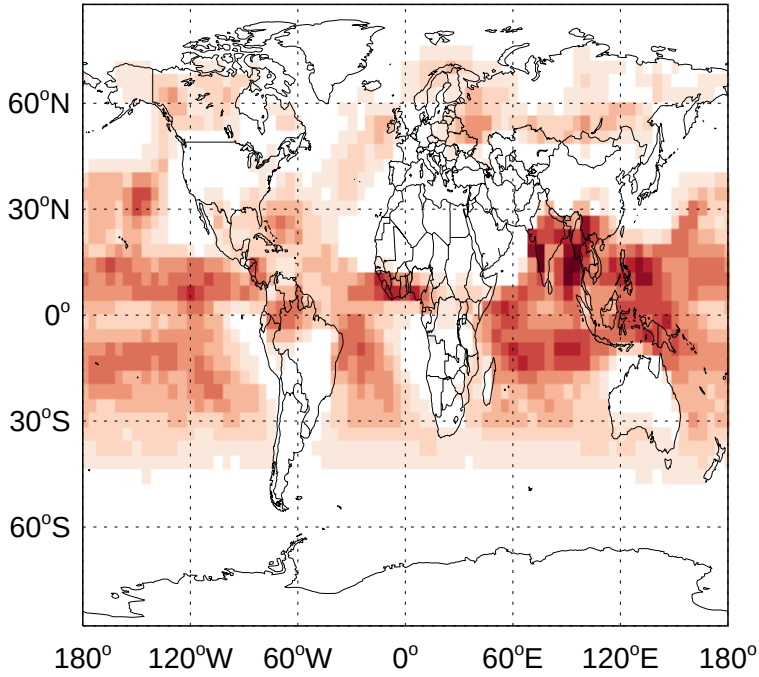
JNO2 - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

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

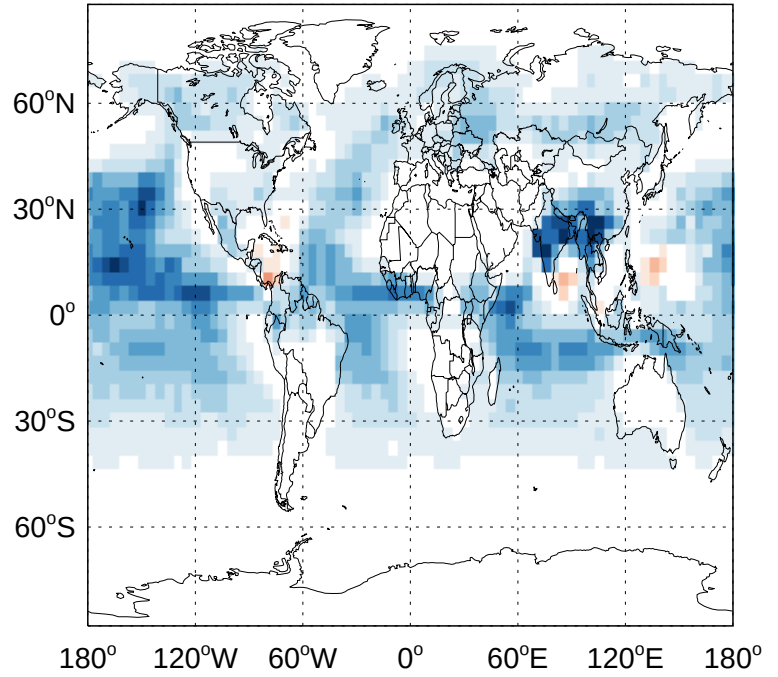
JHNO3 - J-Value Diff @ surface for Jul



-2.00e-07 -6.66e-08 6.66e-08 2.00e-07s-1

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

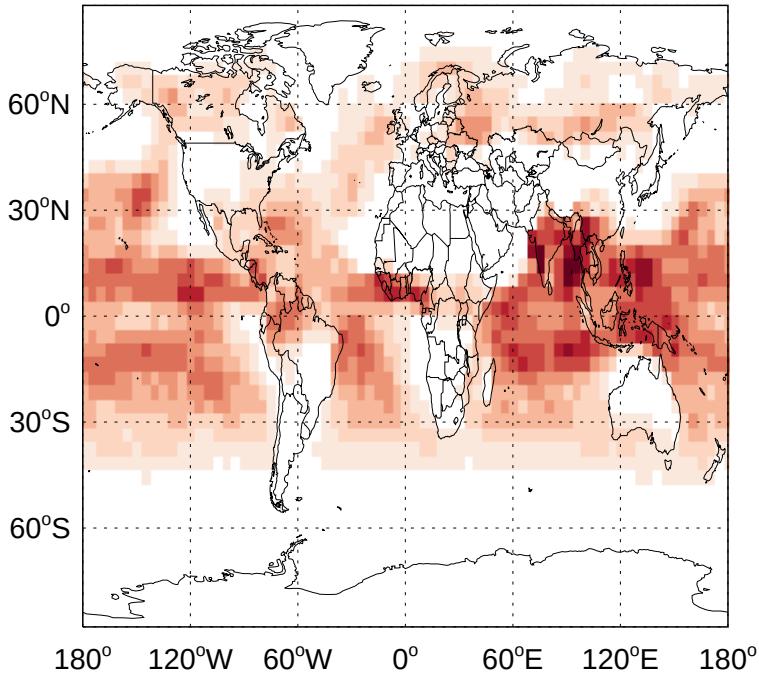
JHNO3 - J-Value Diff @ 500 hPa for Jul



-3.52e-07 -1.17e-07 1.17e-07 3.52e-07s-1

v11-02e-Run0 - v11-02c-Run0

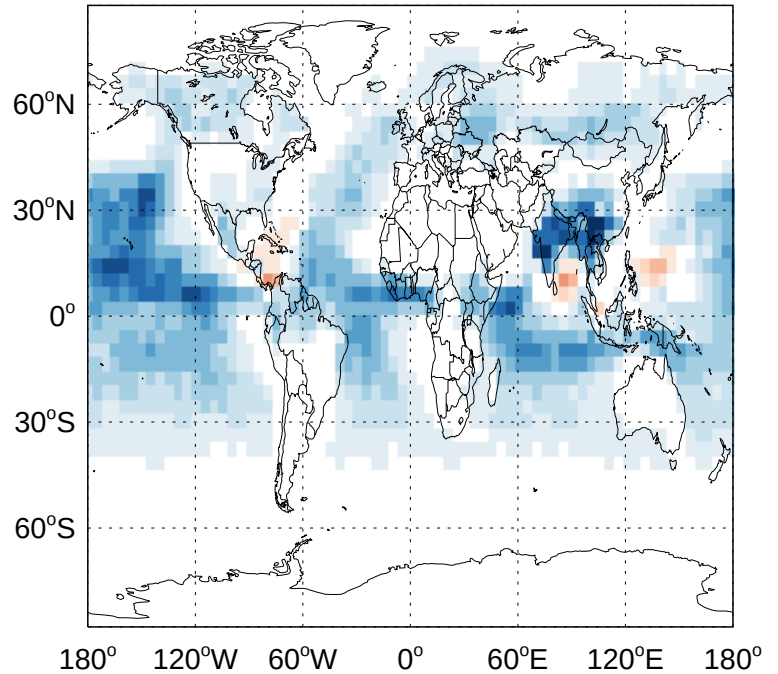
JHNO3 - J-Value Diff @ surface for Jul



-2.07e-07 -6.89e-08 6.89e-08 2.07e-07s-1

v11-02e-Run0 - v11-02c-Run0

JHNO3 - J-Value Diff @ 500 hPa for Jul

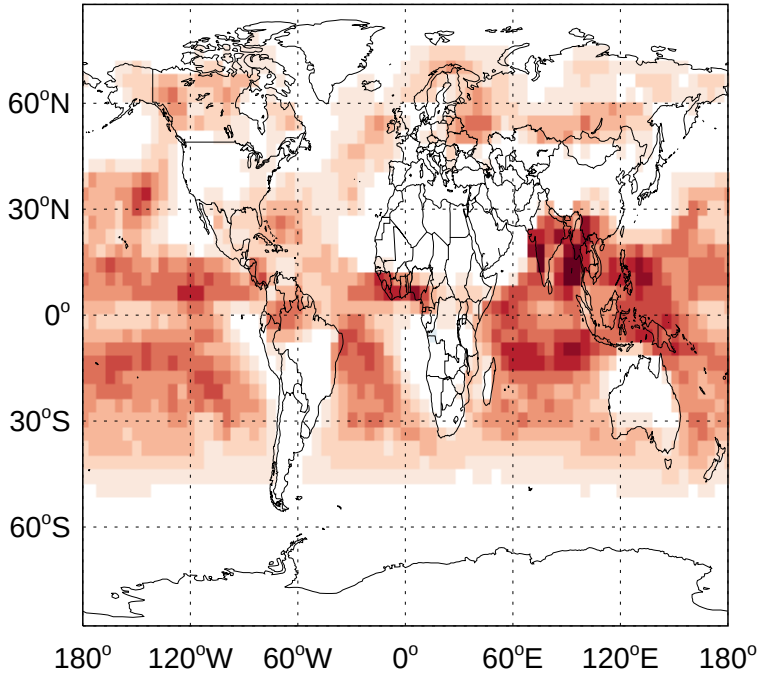


-3.36e-07 -1.12e-07 1.12e-07 3.36e-07s-1

GEOS-Chem J-Values at surface and 500 hPa

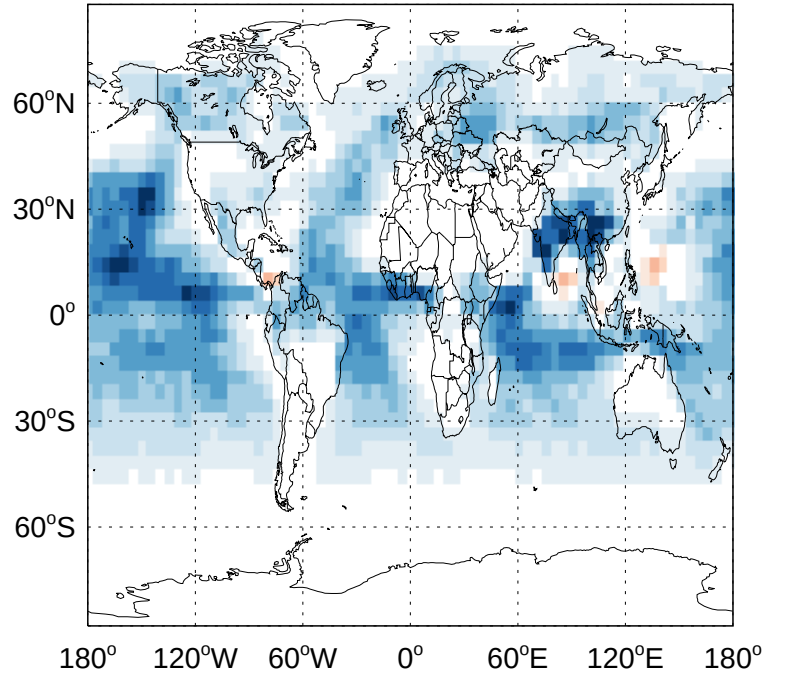
v11-02e-Run0 - v11-02d-Run1

JH2O2 - J-Value Diff @ surface for Jul



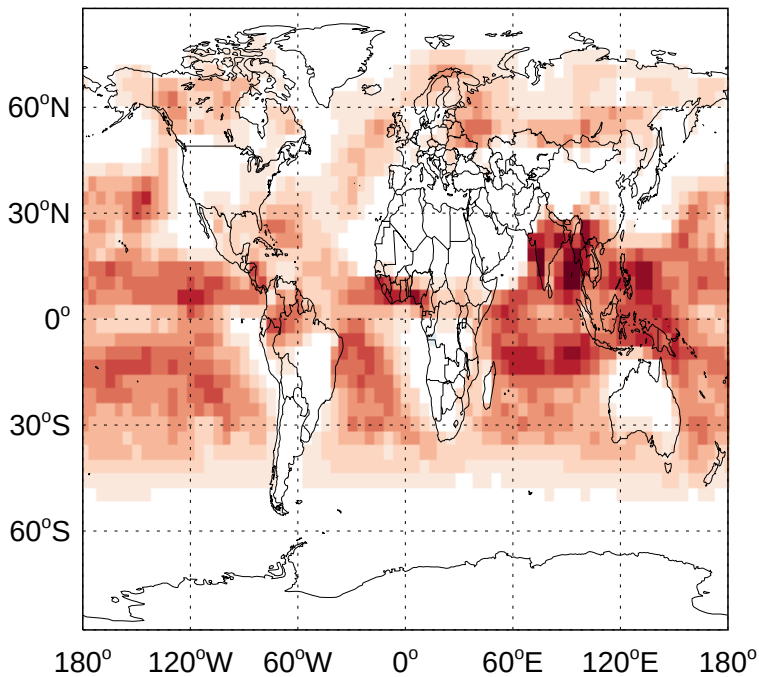
v11-02e-Run0 - v11-02d-Run1

JH2O2 - J-Value Diff @ 500 hPa for Jul



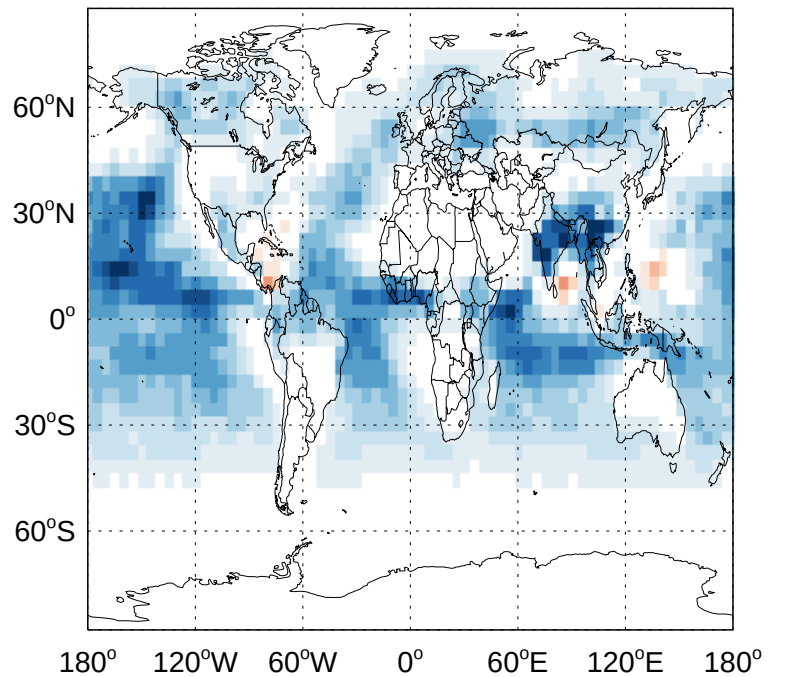
v11-02e-Run0 - v11-02c-Run0

JH2O2 - J-Value Diff @ surface for Jul



v11-02e-Run0 - v11-02c-Run0

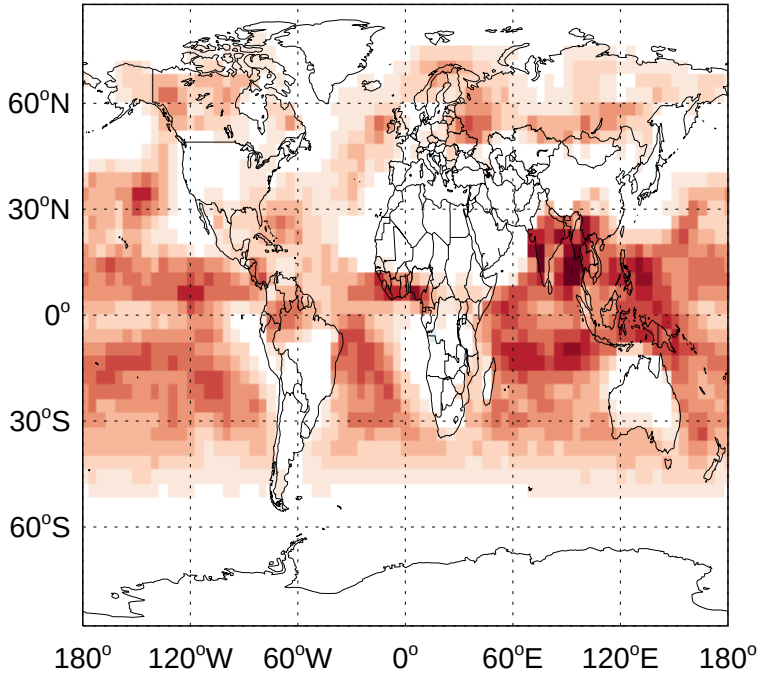
JH2O2 - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

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

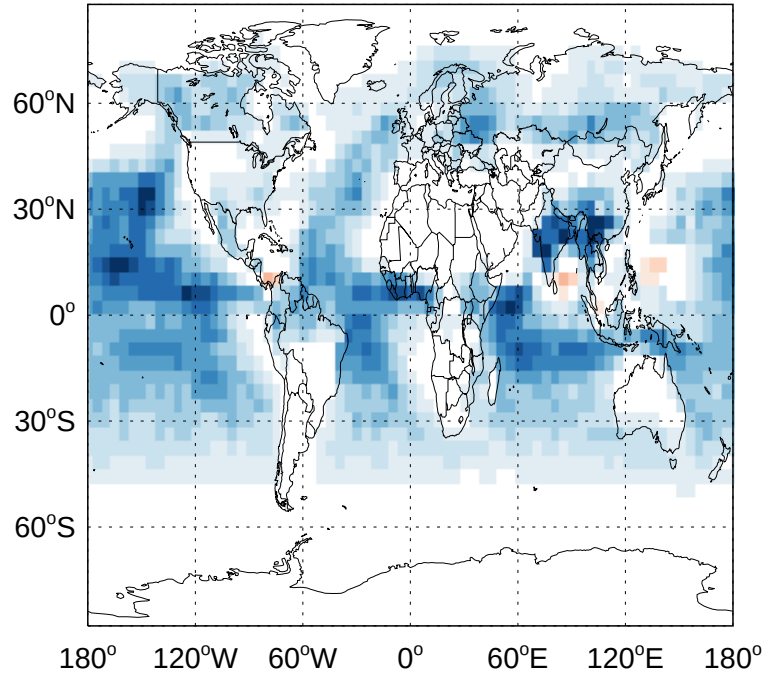
JCH2O - J-Value Diff @ surface for Jul



-2.31e-05 -7.69e-06 7.69e-06 2.31e-05s-1

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

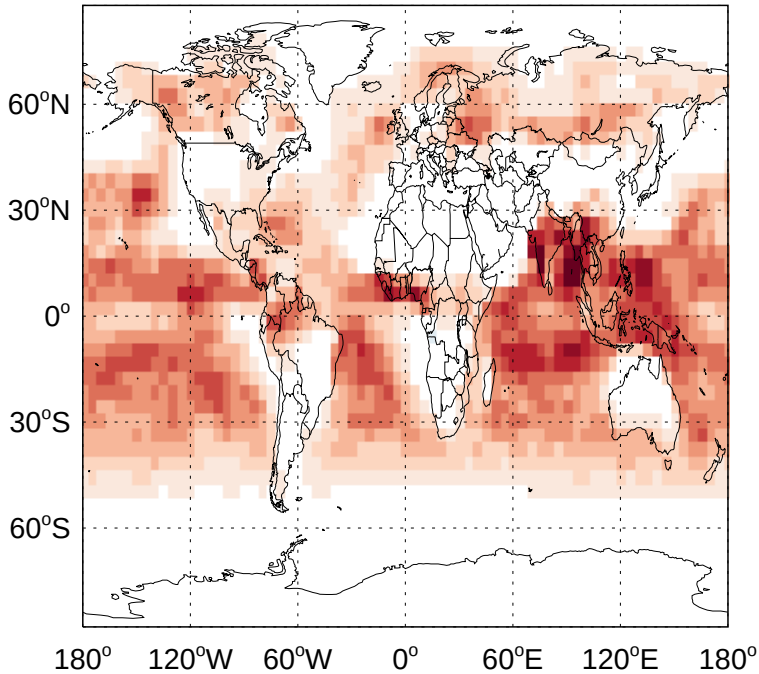
JCH2O - J-Value Diff @ 500 hPa for Jul



-4.55e-05 -1.52e-05 1.52e-05 4.55e-05s-1

v11-02e-Run0 - v11-02c-Run0

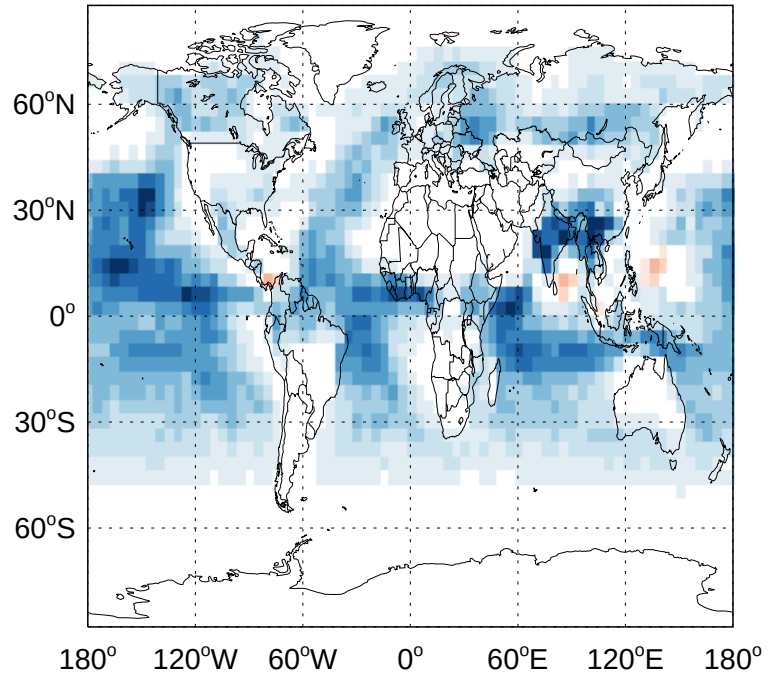
JCH2O - J-Value Diff @ surface for Jul



-2.33e-05 -7.75e-06 7.75e-06 2.33e-05s-1

v11-02e-Run0 - v11-02c-Run0

JCH2O - J-Value Diff @ 500 hPa for Jul

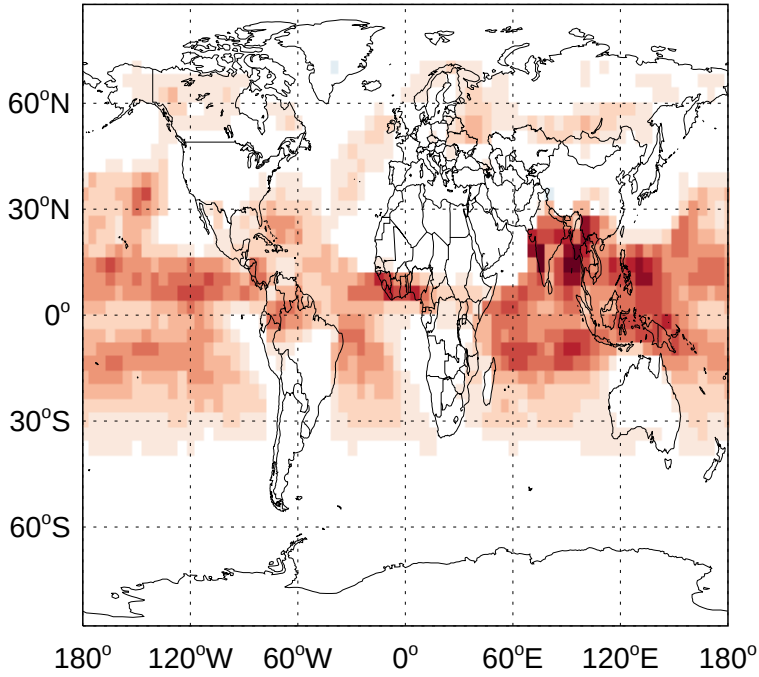


-4.47e-05 -1.49e-05 1.49e-05 4.47e-05s-1

GEOS-Chem J-Values at surface and 500 hPa

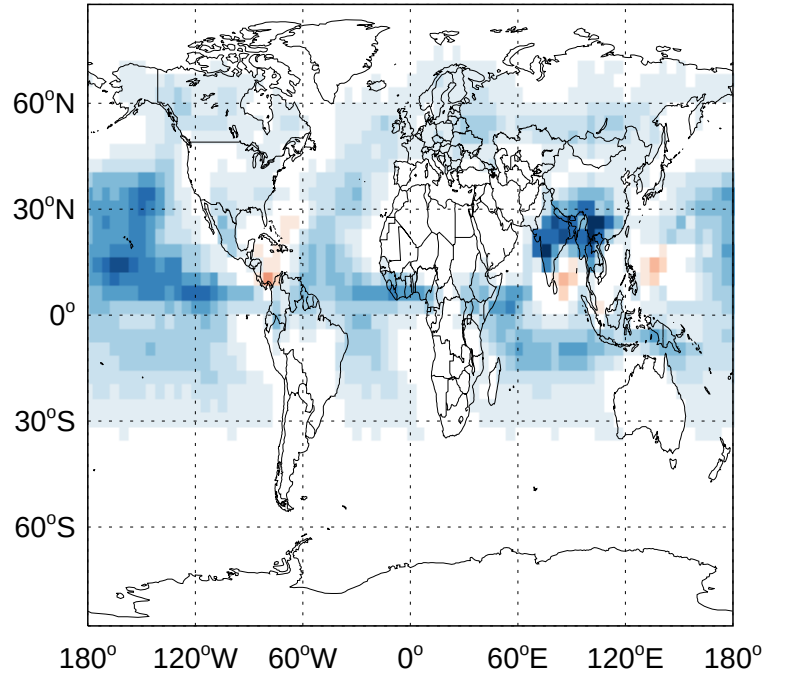
v11-02e-Run0 - v11-02d-Run1

JO3_O1D - J-Value Diff @ surface for Jul



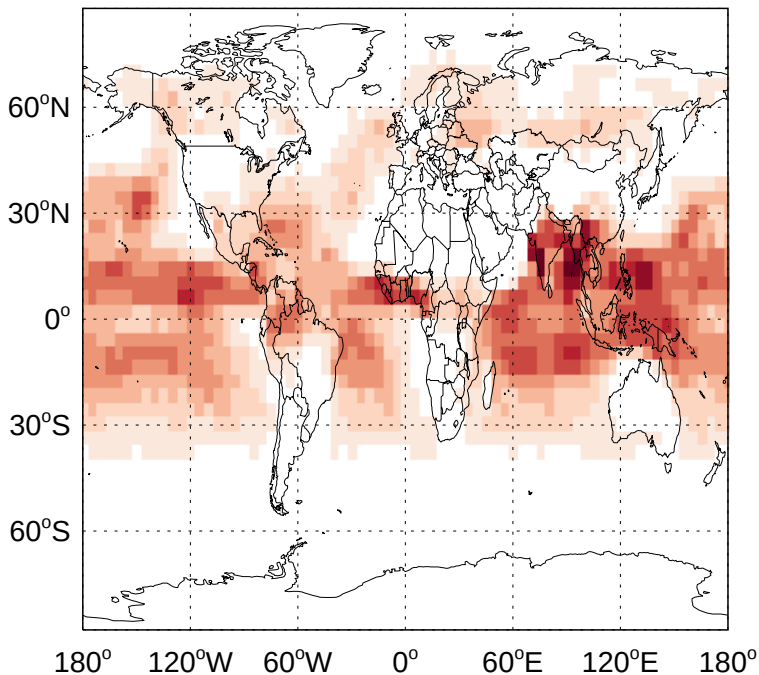
v11-02e-Run0 - v11-02d-Run1

JO3_O1D - J-Value Diff @ 500 hPa for Jul



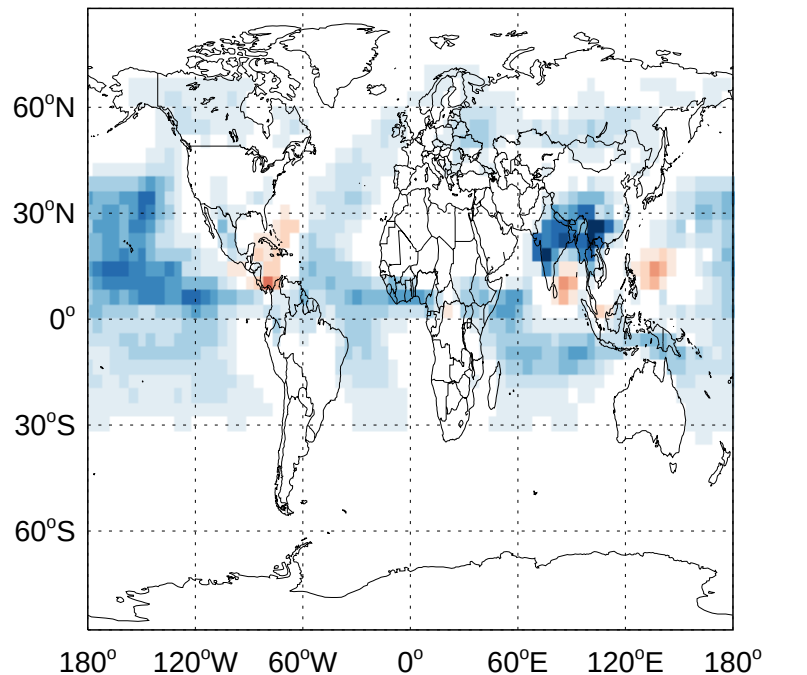
v11-02e-Run0 - v11-02c-Run0

JO3_O1D - J-Value Diff @ surface for Jul



v11-02e-Run0 - v11-02c-Run0

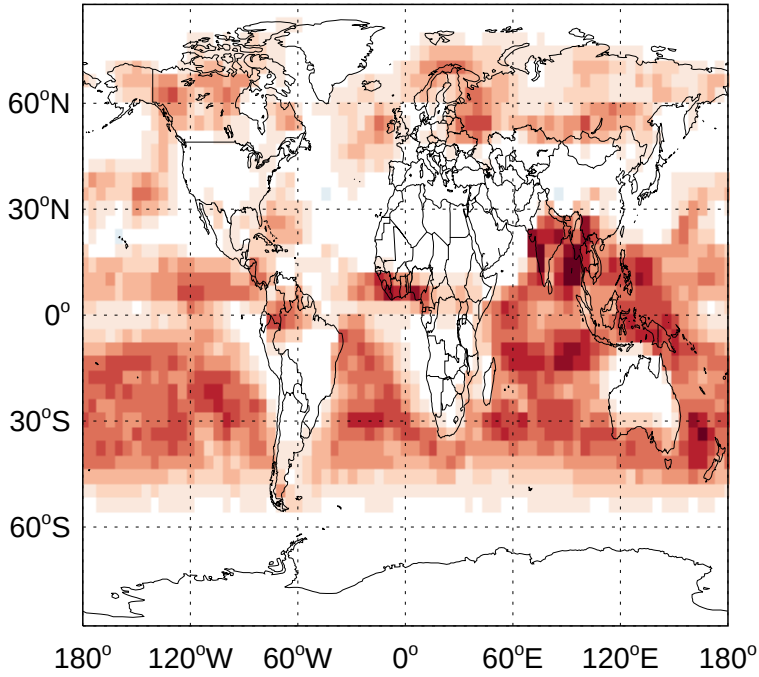
JO3_O1D - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

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

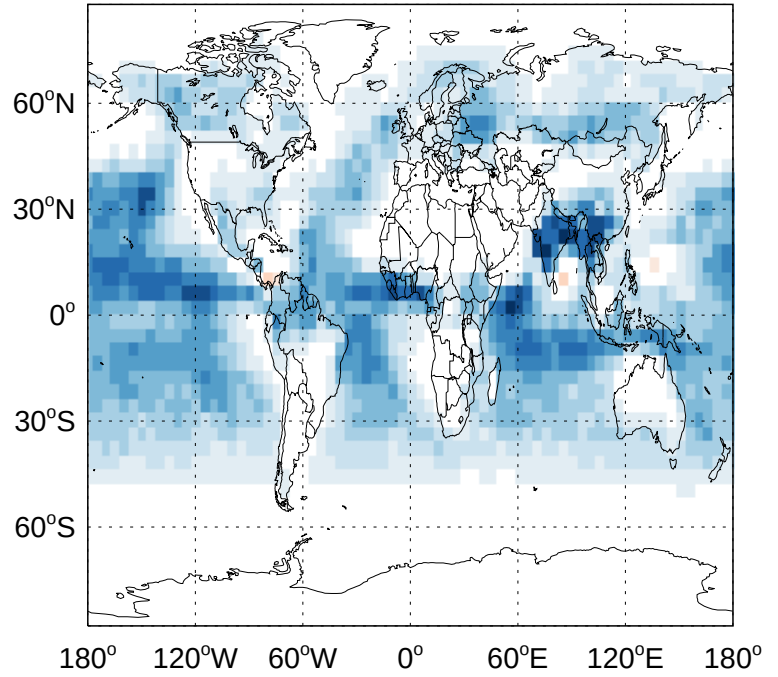
JO3_O3P - J-Value Diff @ surface for Jul



-1.44e-04 -4.81e-05 4.81e-05 1.44e-04s-1

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

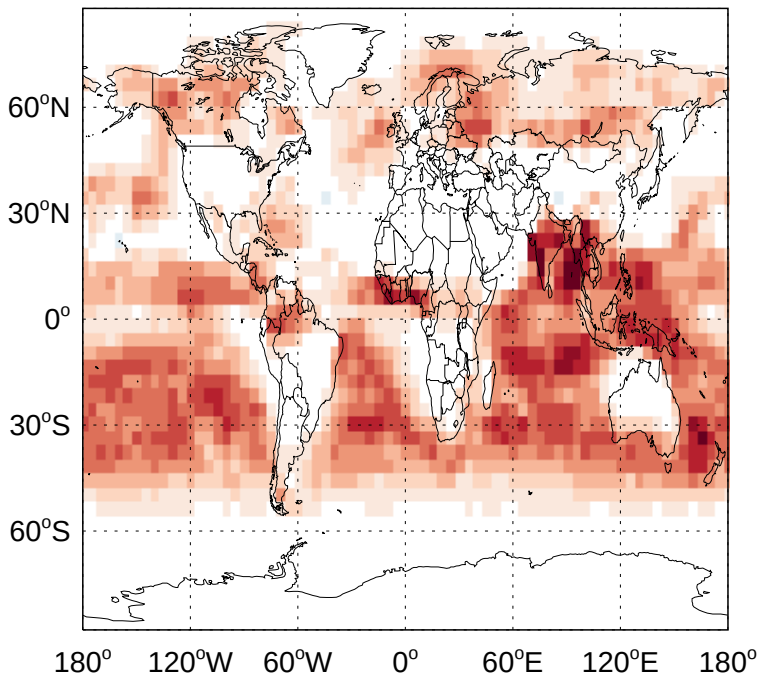
JO3_O3P - J-Value Diff @ 500 hPa for Jul



-2.65e-04 -8.83e-05 8.83e-05 2.65e-04s-1

v11-02e-Run0 - v11-02c-Run0

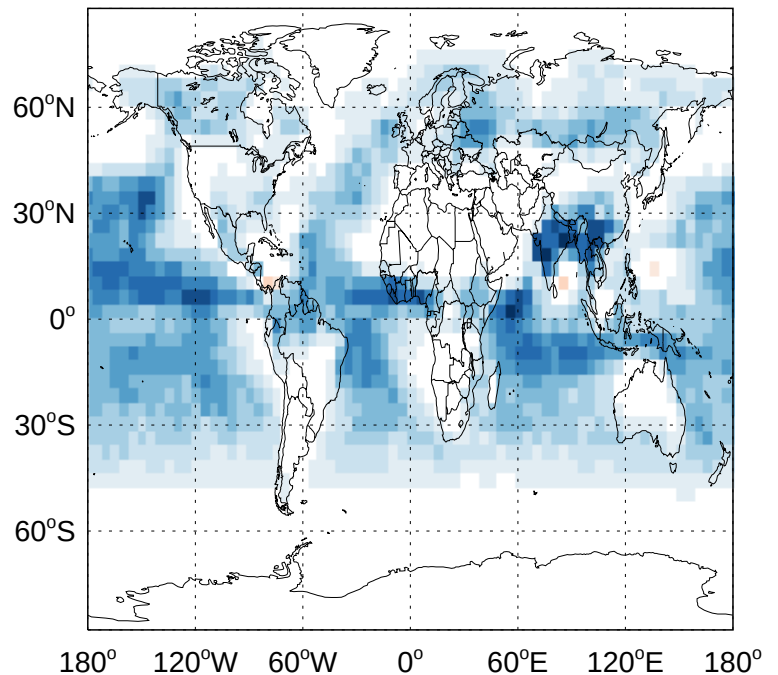
JO3_O3P - J-Value Diff @ surface for Jul



-1.45e-04 -4.82e-05 4.82e-05 1.45e-04s-1

v11-02e-Run0 - v11-02c-Run0

JO3_O3P - J-Value Diff @ 500 hPa for Jul

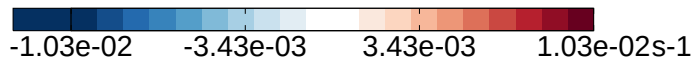
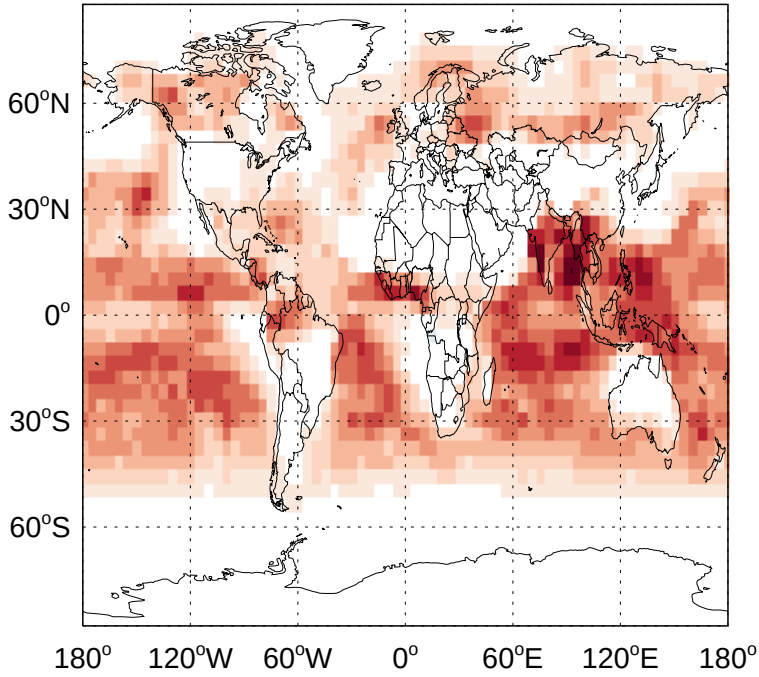


-2.64e-04 -8.79e-05 8.79e-05 2.64e-04s-1

GEOS-Chem J-Values at surface and 500 hPa

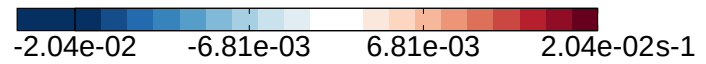
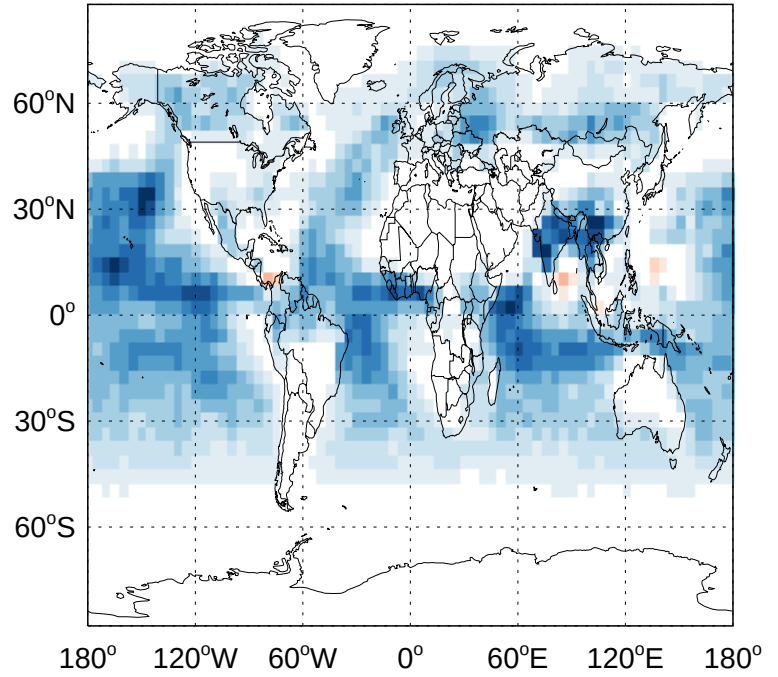
v11-02e-Run0 - v11-02d-Run1

JBrO - J-Value Diff @ surface for Jul



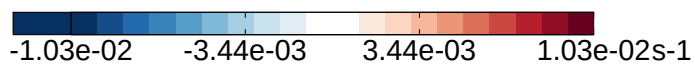
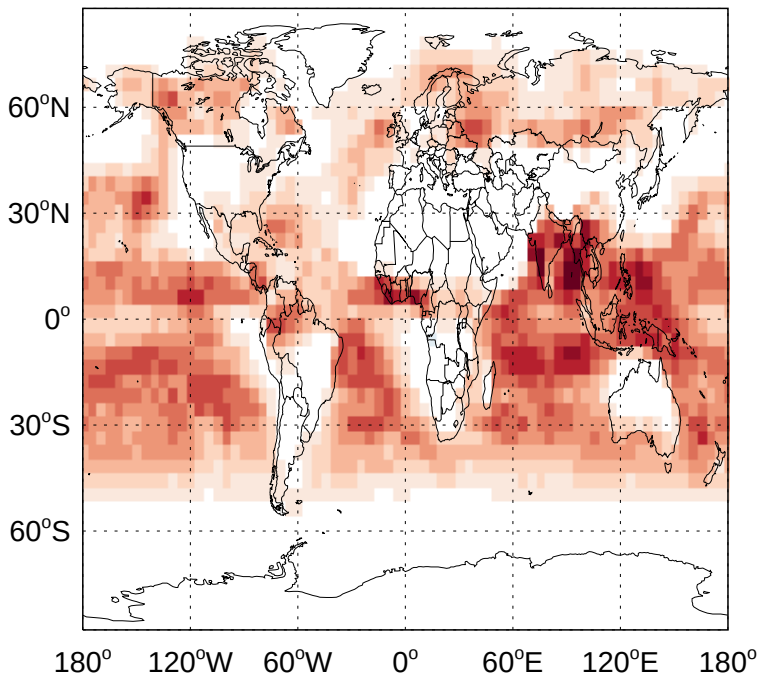
v11-02e-Run0 - v11-02d-Run1

JBrO - J-Value Diff @ 500 hPa for Jul



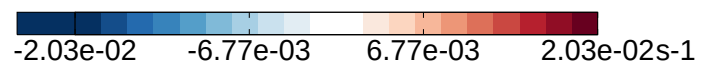
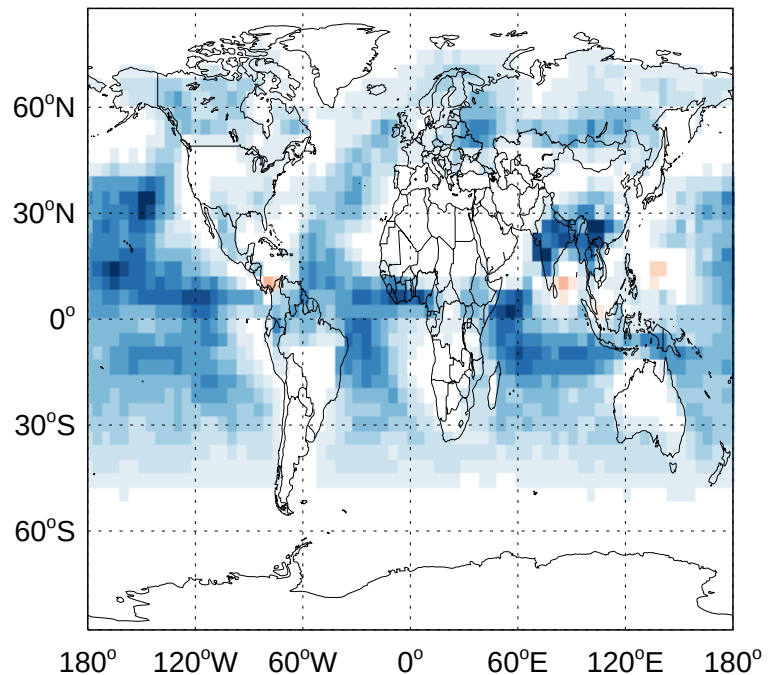
v11-02e-Run0 - v11-02c-Run0

JBrO - J-Value Diff @ surface for Jul



v11-02e-Run0 - v11-02c-Run0

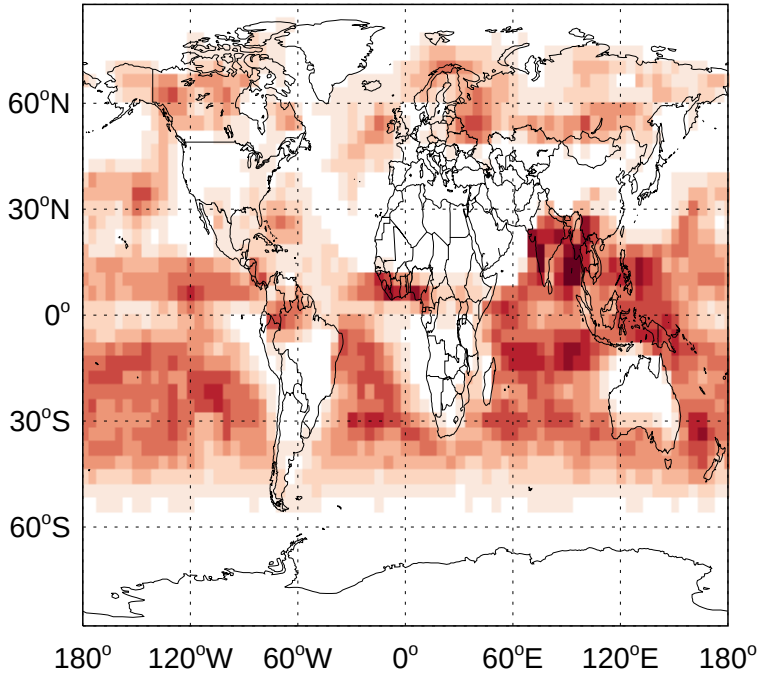
JBrO - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

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

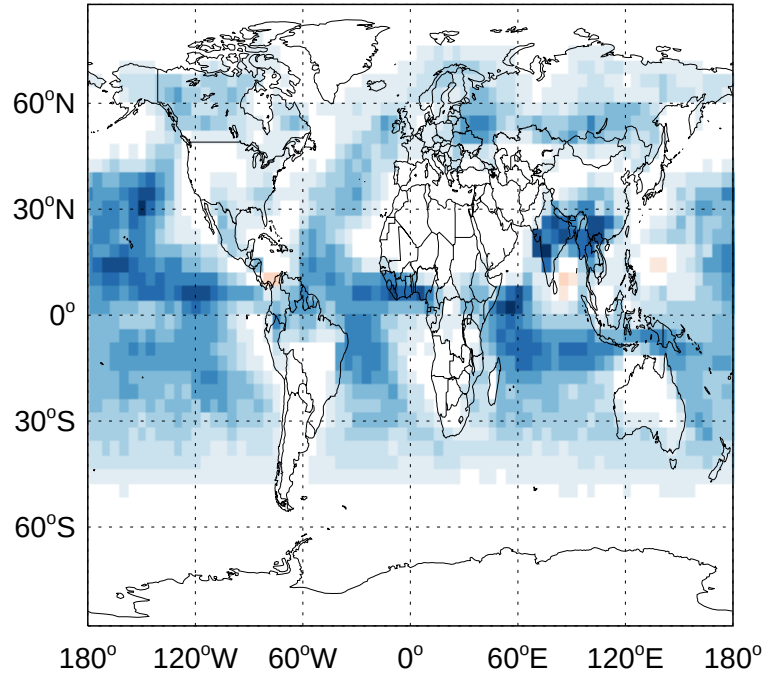
JHOB_r - J-Value Diff @ surface for Jul



-6.47e-04 -2.16e-04 2.16e-04 6.47e-04 s-1

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

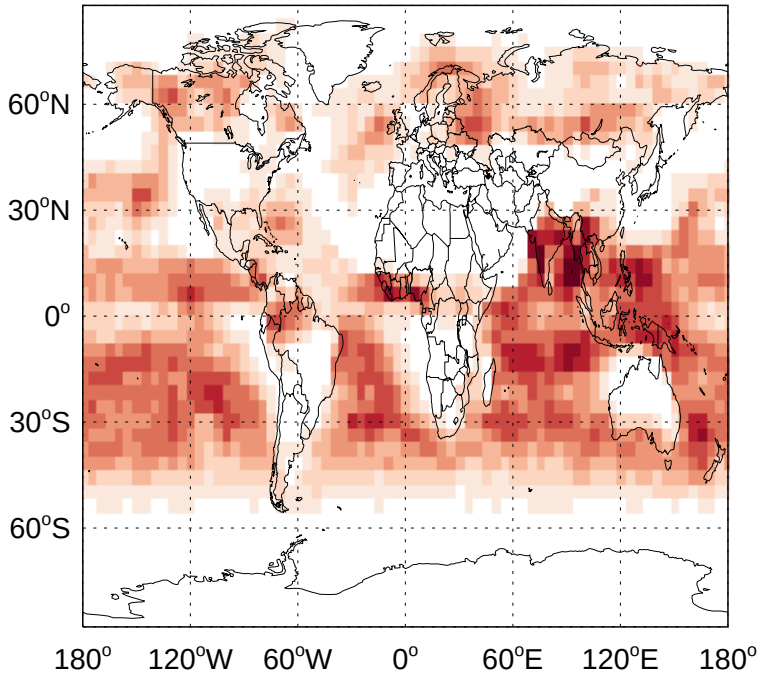
JHOB_r - J-Value Diff @ 500 hPa for Jul



-1.25e-03 -4.16e-04 4.16e-04 1.25e-03 s-1

v11-02e-Run0 - v11-02c-Run0

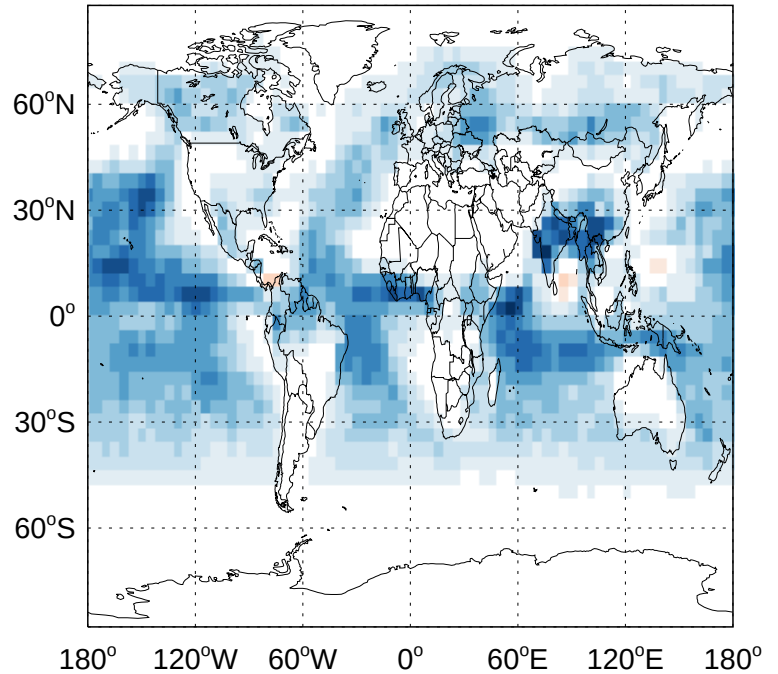
JHOB_r - J-Value Diff @ surface for Jul



-6.48e-04 -2.16e-04 2.16e-04 6.48e-04 s-1

v11-02e-Run0 - v11-02c-Run0

JHOB_r - J-Value Diff @ 500 hPa for Jul

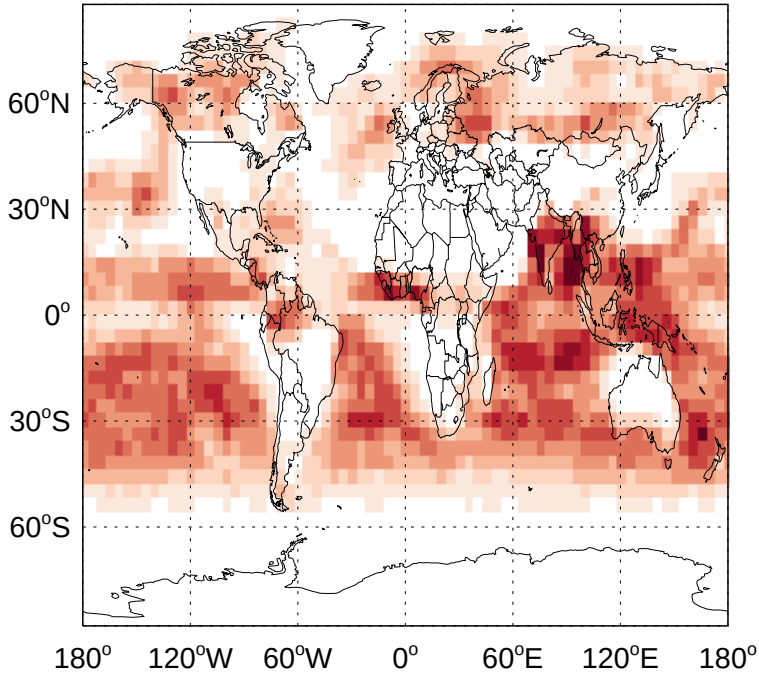


-1.24e-03 -4.14e-04 4.14e-04 1.24e-03 s-1

GEOS-Chem J-Values at surface and 500 hPa

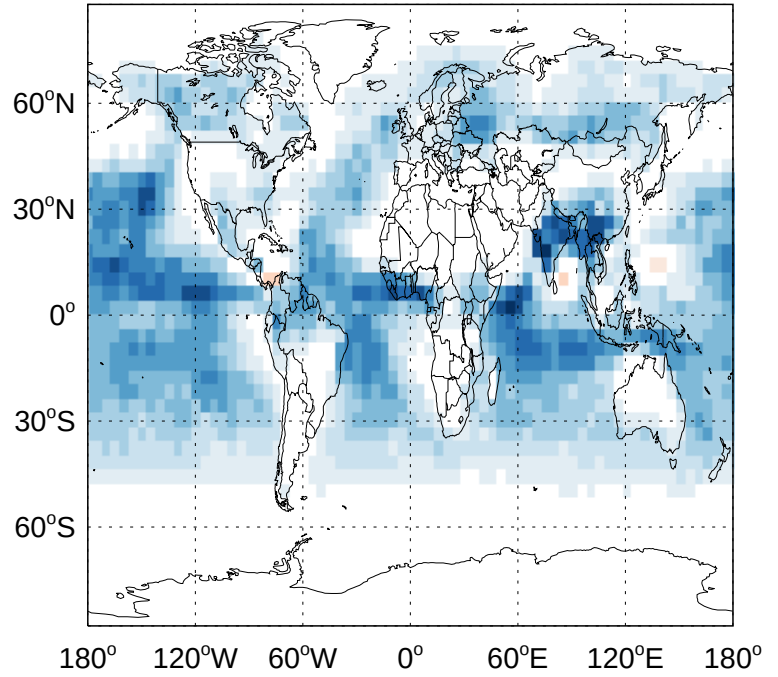
v11-02e-Run0 - v11-02d-Run1

JBrNO₂ - J-Value Diff @ surface for Jul



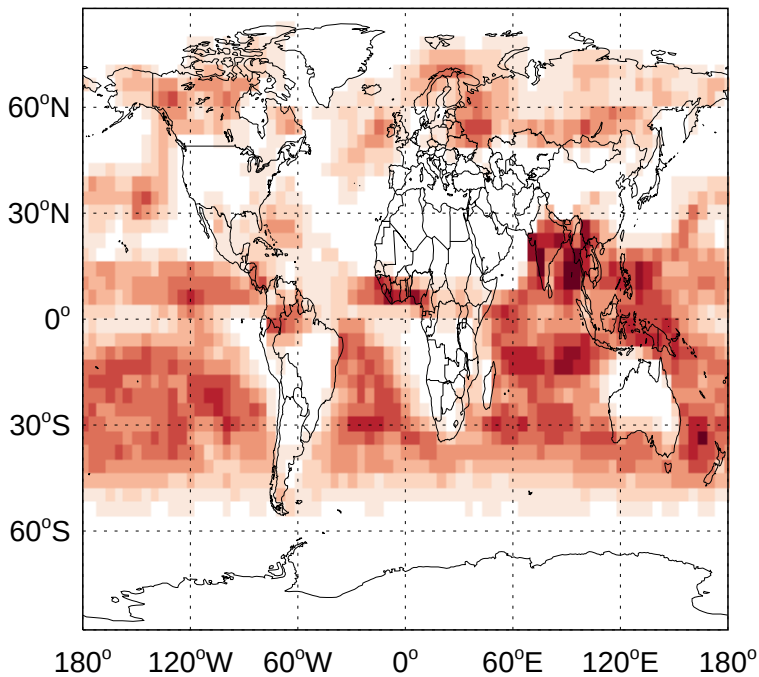
v11-02e-Run0 - v11-02d-Run1

JBrNO₂ - J-Value Diff @ 500 hPa for Jul



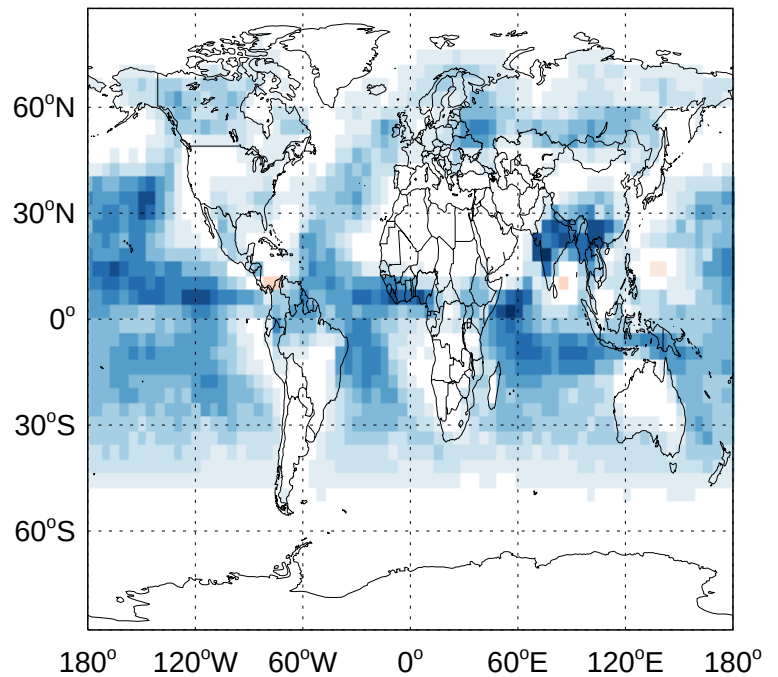
v11-02e-Run0 - v11-02c-Run0

JBrNO₂ - J-Value Diff @ surface for Jul



v11-02e-Run0 - v11-02c-Run0

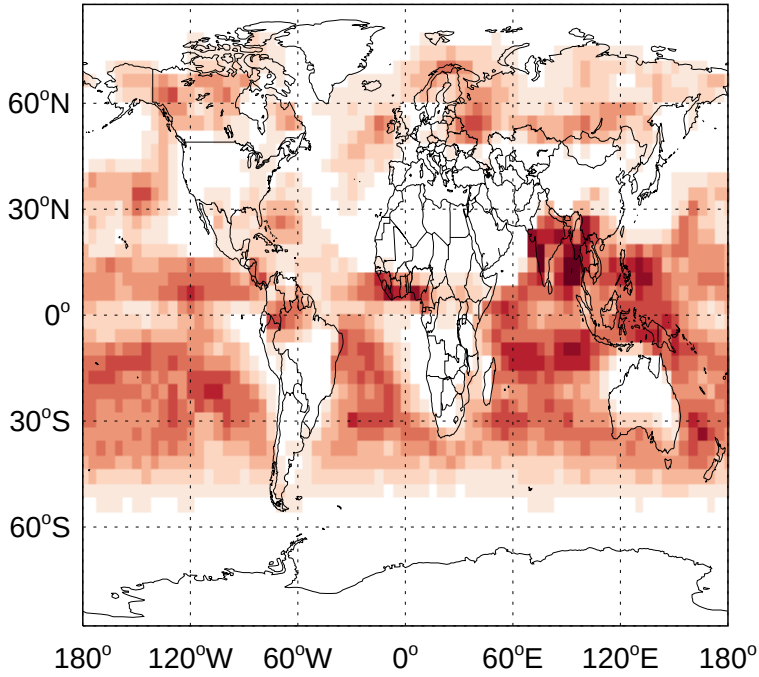
JBrNO₂ - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

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

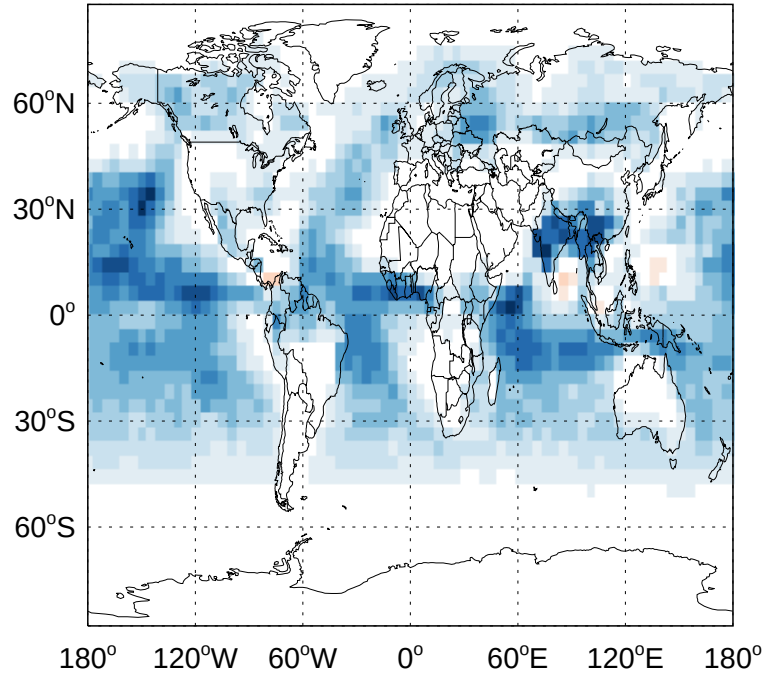
JBrNO₃ - J-Value Diff @ surface for Jul



-4.04e-04 -1.35e-04 1.35e-04 4.04e-04s-1

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

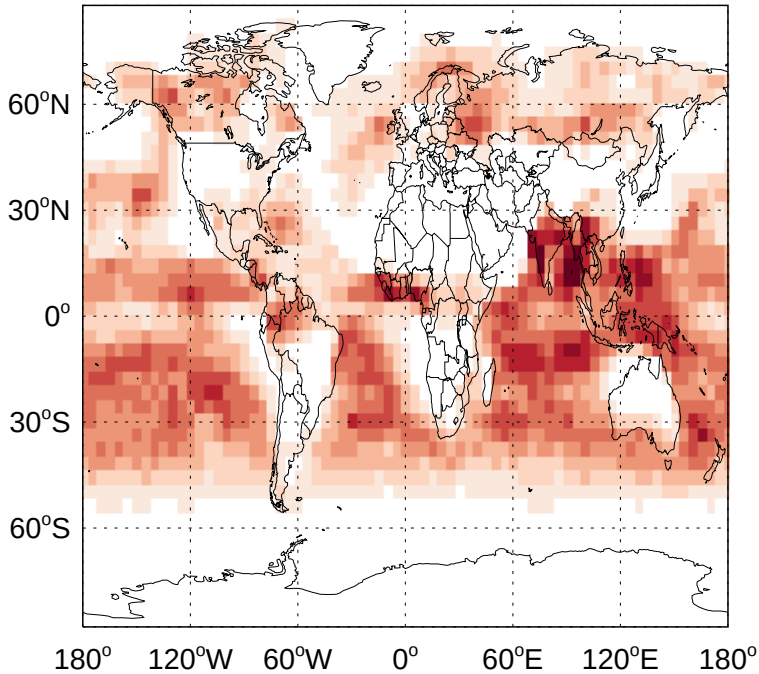
JBrNO₃ - J-Value Diff @ 500 hPa for Jul



-7.55e-04 -2.52e-04 2.52e-04 7.55e-04s-1

v11-02e-Run0 - v11-02c-Run0

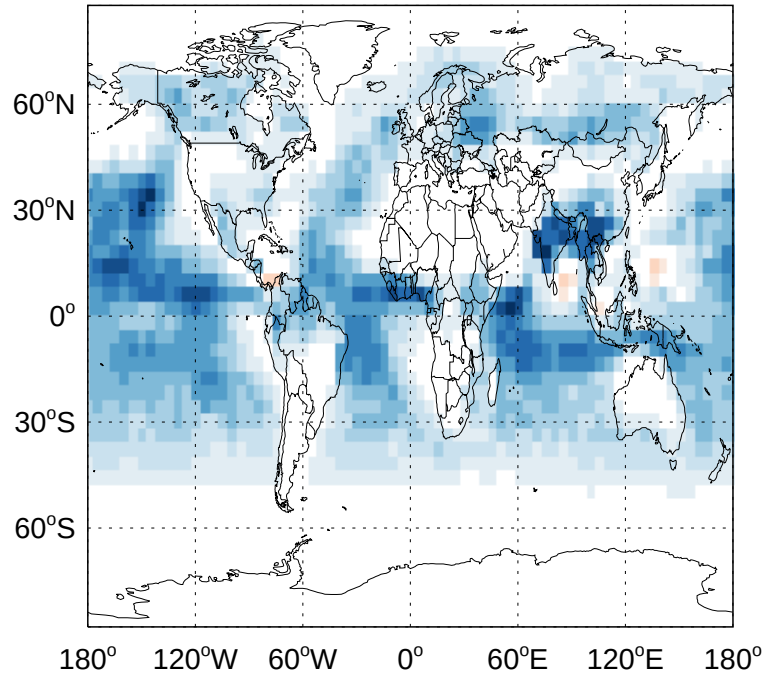
JBrNO₃ - J-Value Diff @ surface for Jul



-4.05e-04 -1.35e-04 1.35e-04 4.05e-04s-1

v11-02e-Run0 - v11-02c-Run0

JBrNO₃ - J-Value Diff @ 500 hPa for Jul

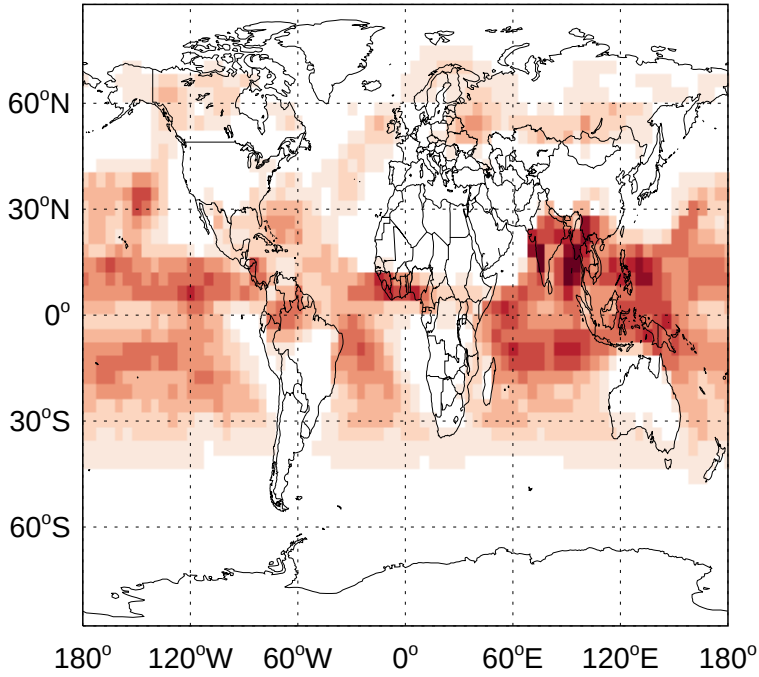


-7.52e-04 -2.51e-04 2.51e-04 7.52e-04s-1

GEOS-Chem J-Values at surface and 500 hPa

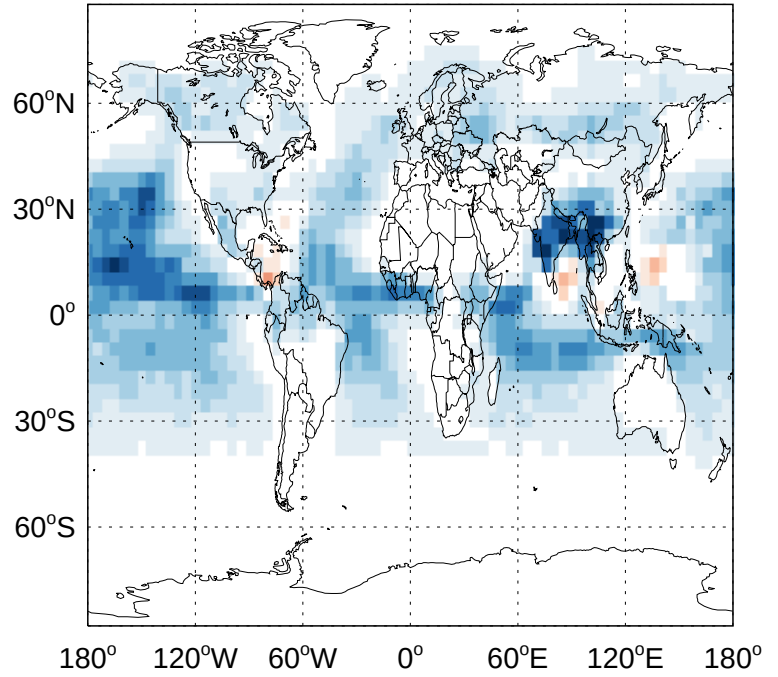
v11-02e-Run0 - v11-02d-Run1

JCHBr3 - J-Value Diff @ surface for Jul



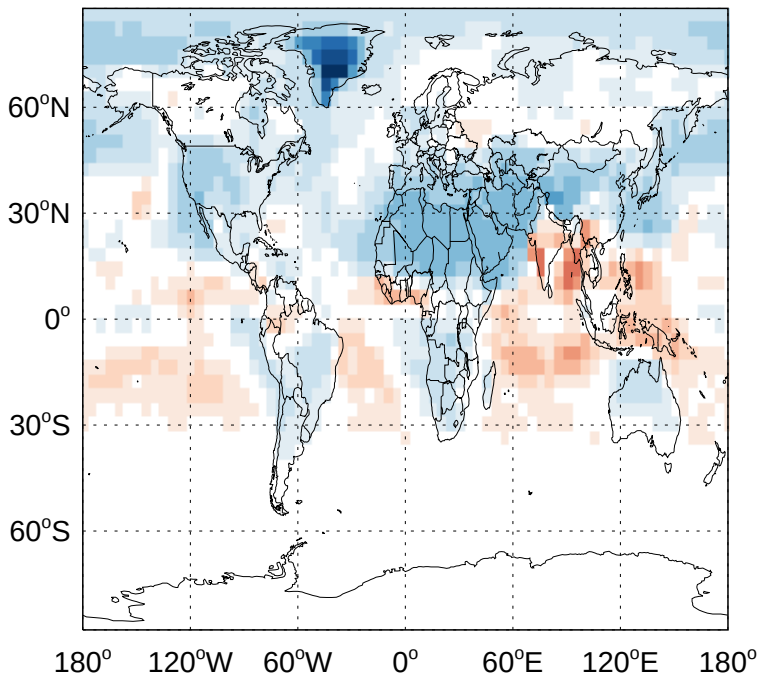
v11-02e-Run0 - v11-02d-Run1

JCHBr3 - J-Value Diff @ 500 hPa for Jul



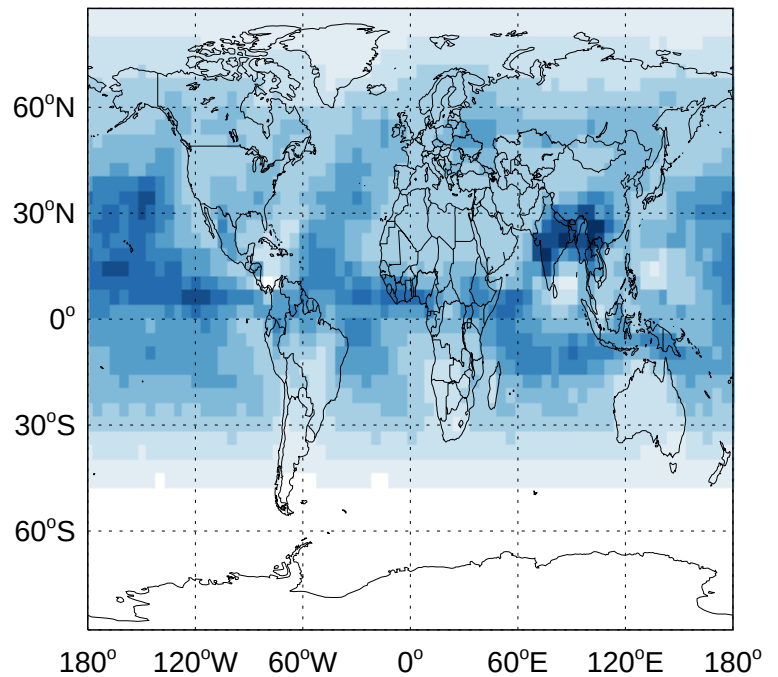
v11-02e-Run0 - v11-02c-Run0

JCHBr3 - J-Value Diff @ surface for Jul



v11-02e-Run0 - v11-02c-Run0

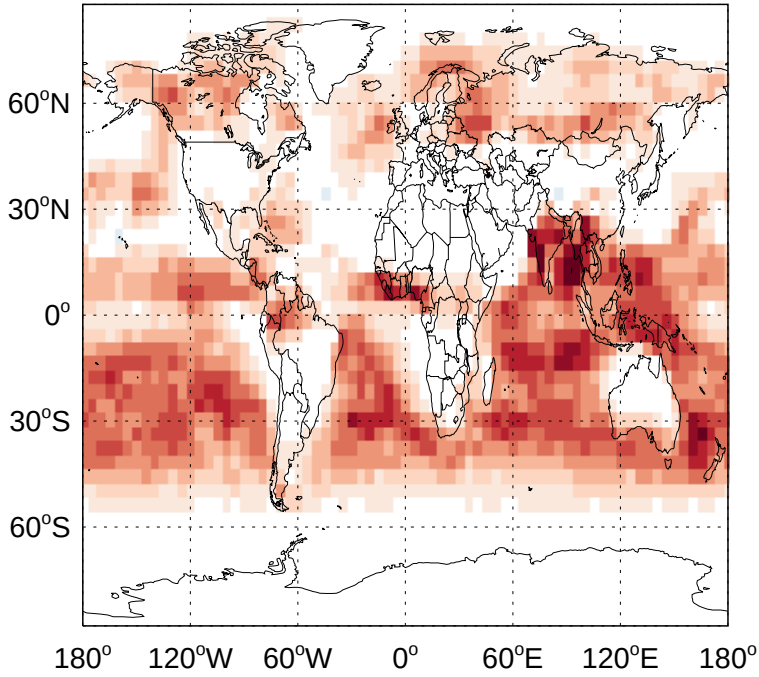
JCHBr3 - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

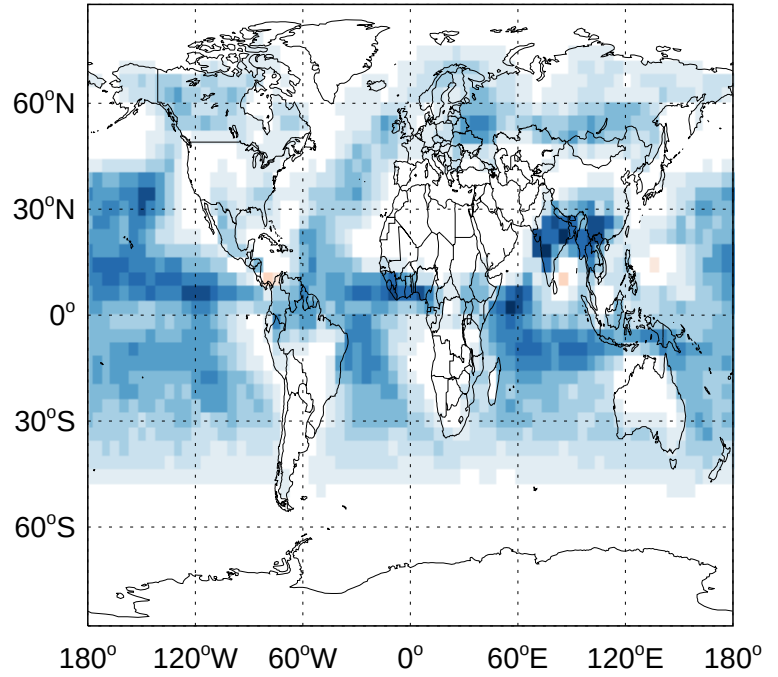
v11-02e-Run0 - v11-02d-Run1

JBr2 - J-Value Diff @ surface for Jul



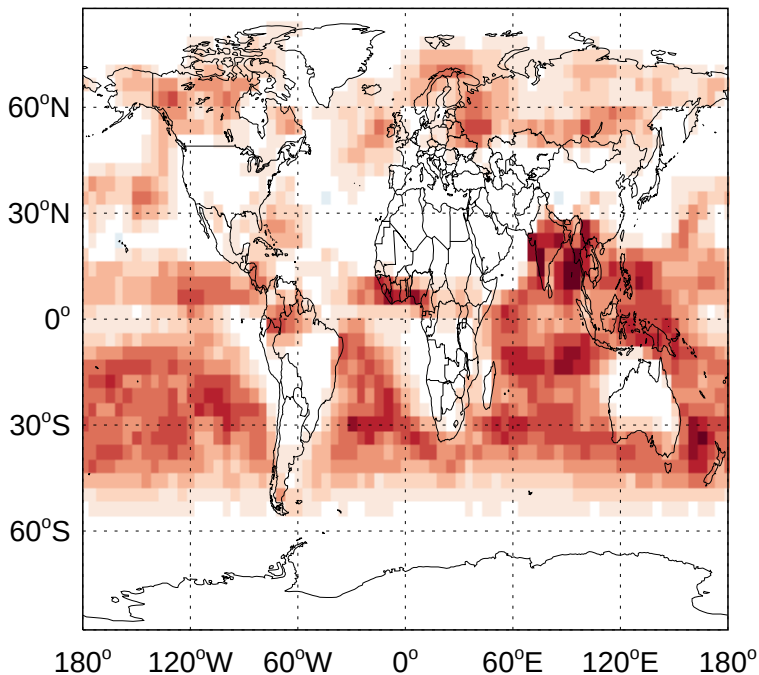
v11-02e-Run0 - v11-02d-Run1

JBr2 - J-Value Diff @ 500 hPa for Jul



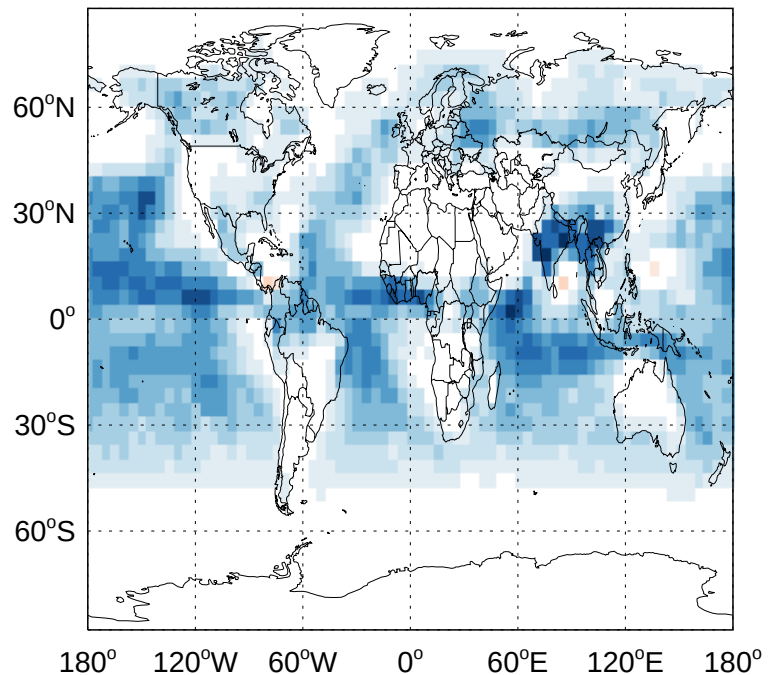
v11-02e-Run0 - v11-02c-Run0

JBr2 - J-Value Diff @ surface for Jul



v11-02e-Run0 - v11-02c-Run0

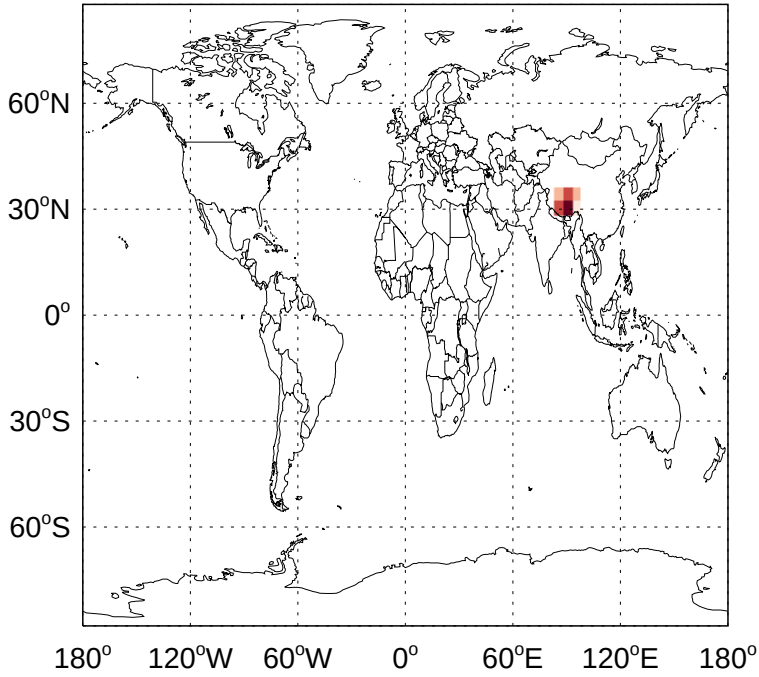
JBr2 - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

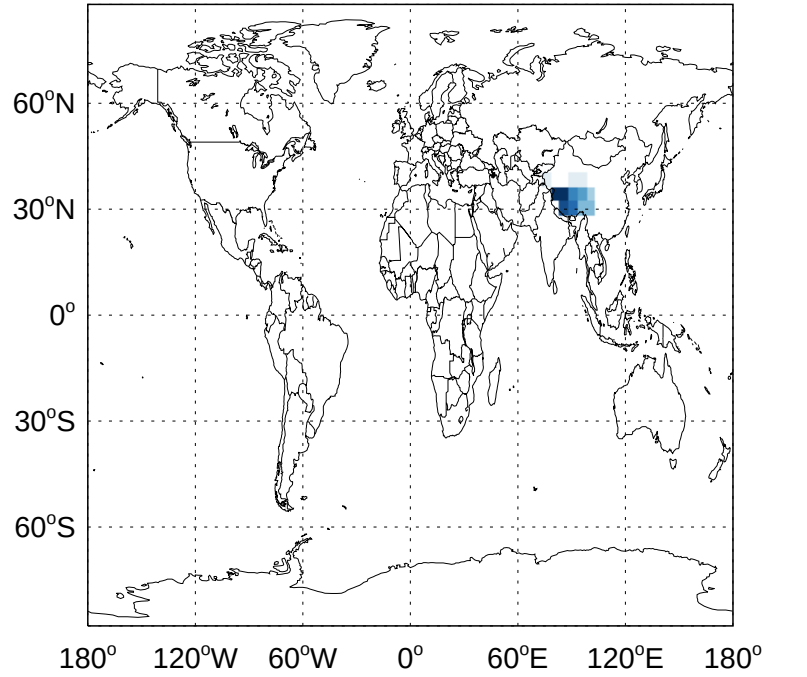
v11-02e-Run0 - v11-02d-Run1

JO2 - J-Value Diff @ surface for Jul



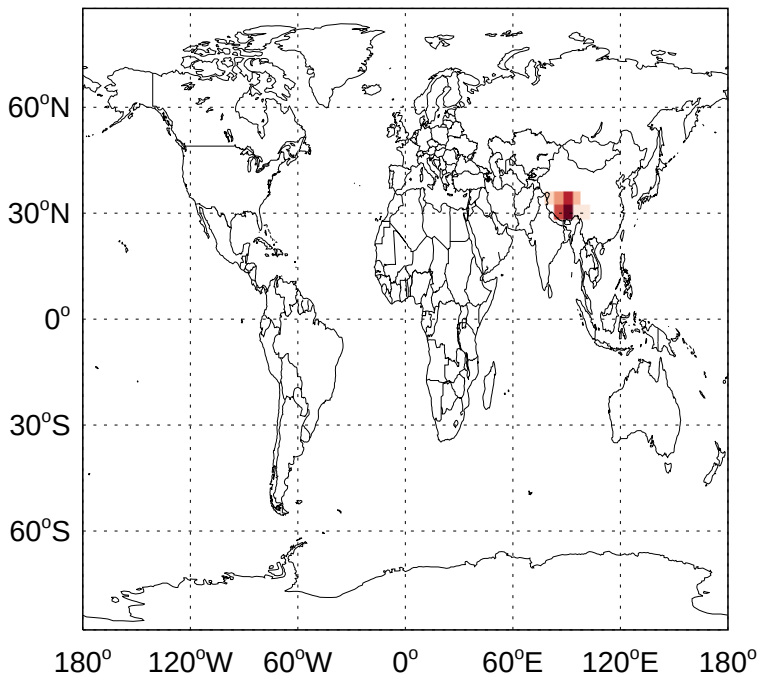
v11-02e-Run0 - v11-02d-Run1

JO2 - J-Value Diff @ 500 hPa for Jul



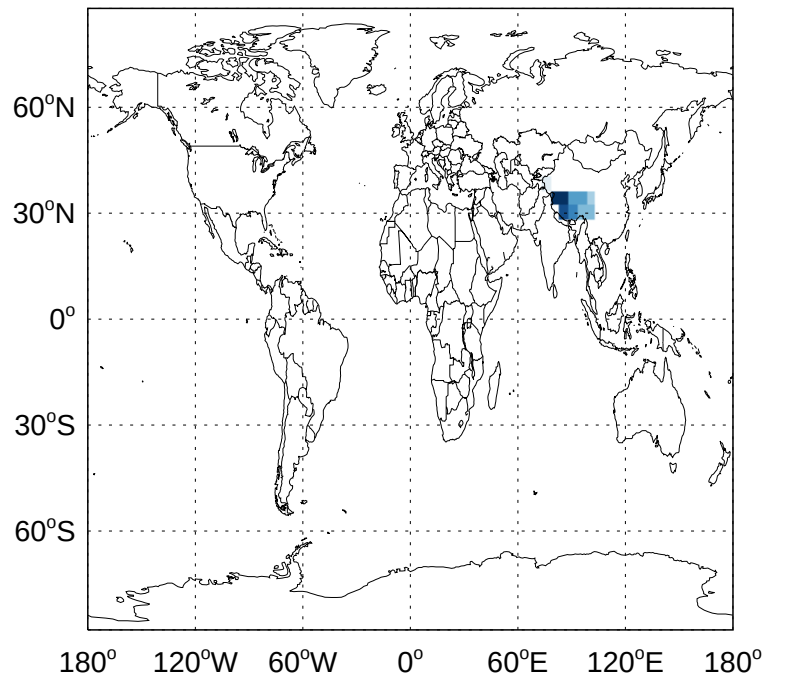
v11-02e-Run0 - v11-02c-Run0

JO2 - J-Value Diff @ surface for Jul



v11-02e-Run0 - v11-02c-Run0

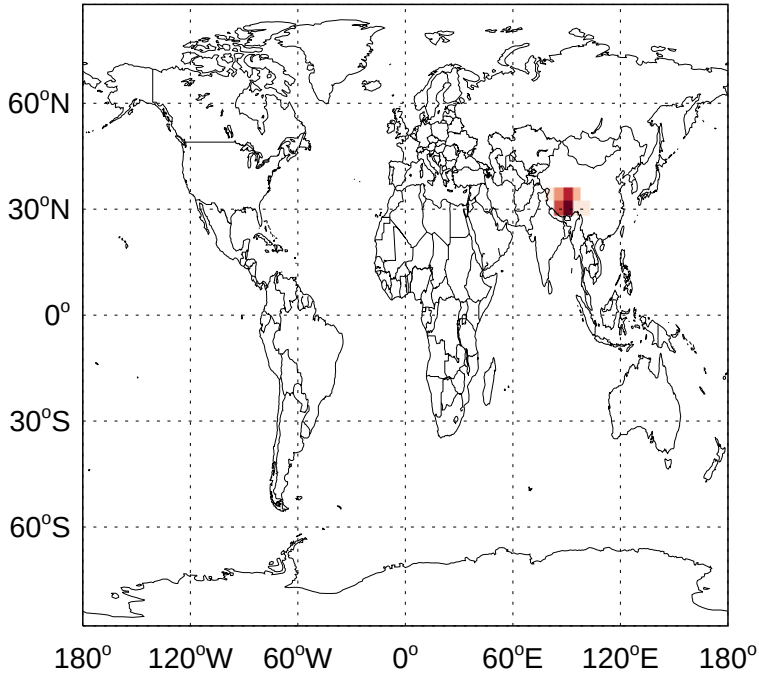
JO2 - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

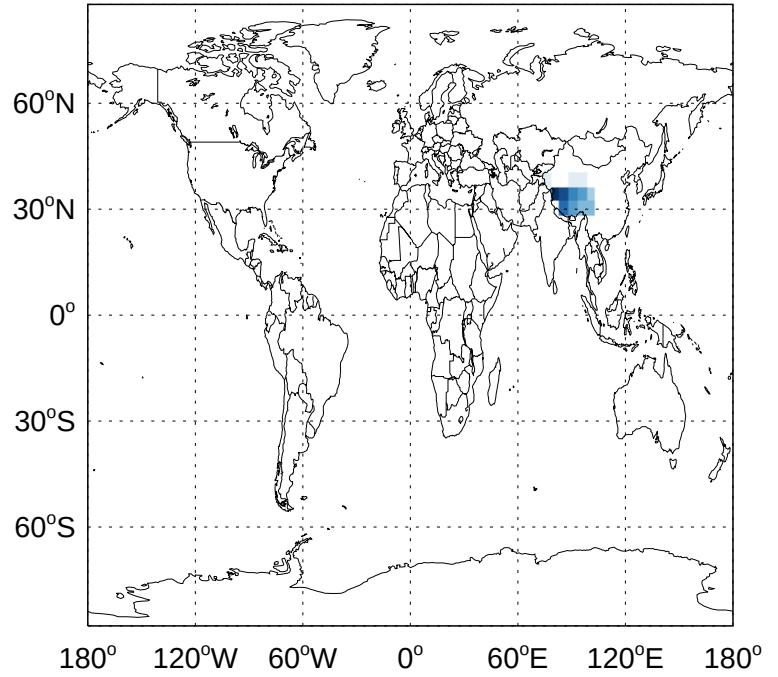
v11-02e-Run0 - v11-02d-Run1

JN2O - J-Value Diff @ surface for Jul



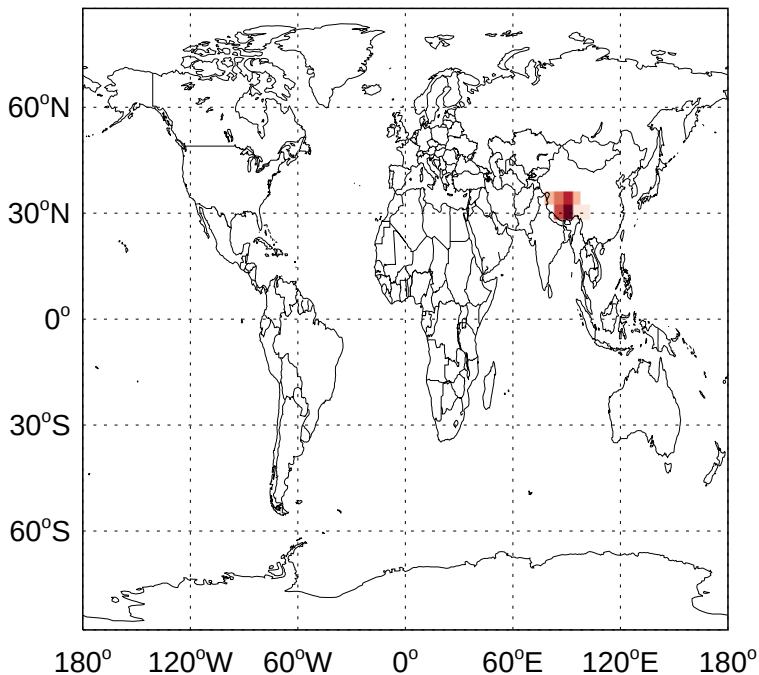
v11-02e-Run0 - v11-02d-Run1

JN2O - J-Value Diff @ 500 hPa for Jul



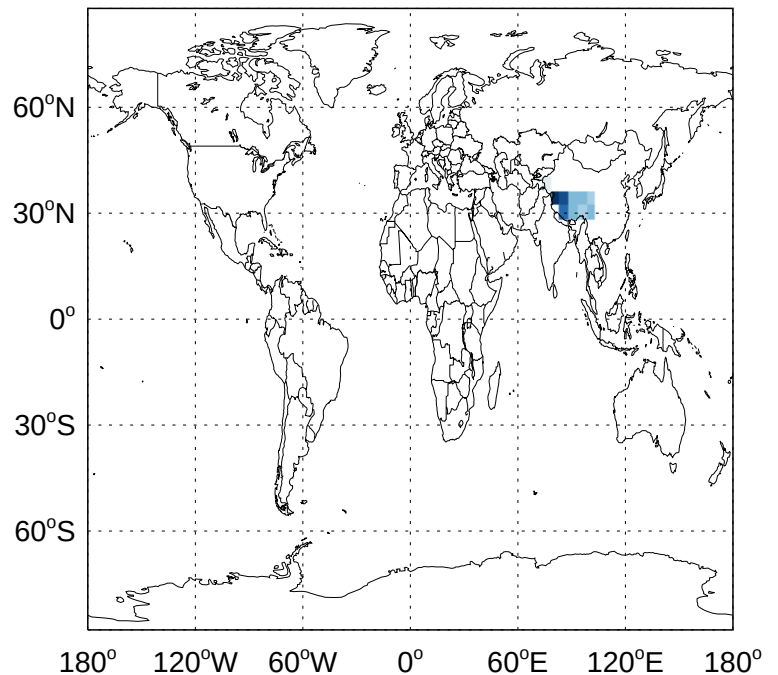
v11-02e-Run0 - v11-02c-Run0

JN2O - J-Value Diff @ surface for Jul



v11-02e-Run0 - v11-02c-Run0

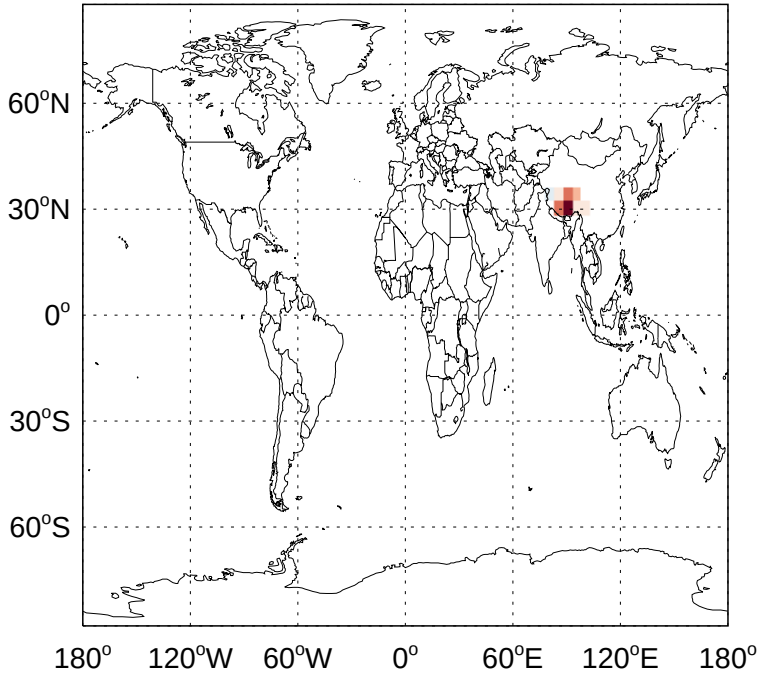
JN2O - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

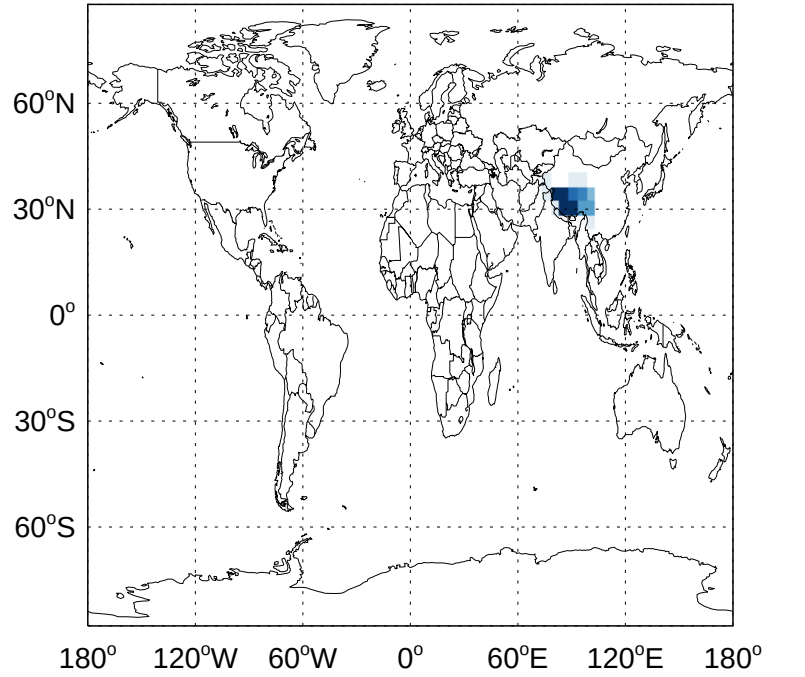
v11-02e-Run0 - v11-02d-Run1

JNO - J-Value Diff @ surface for Jul



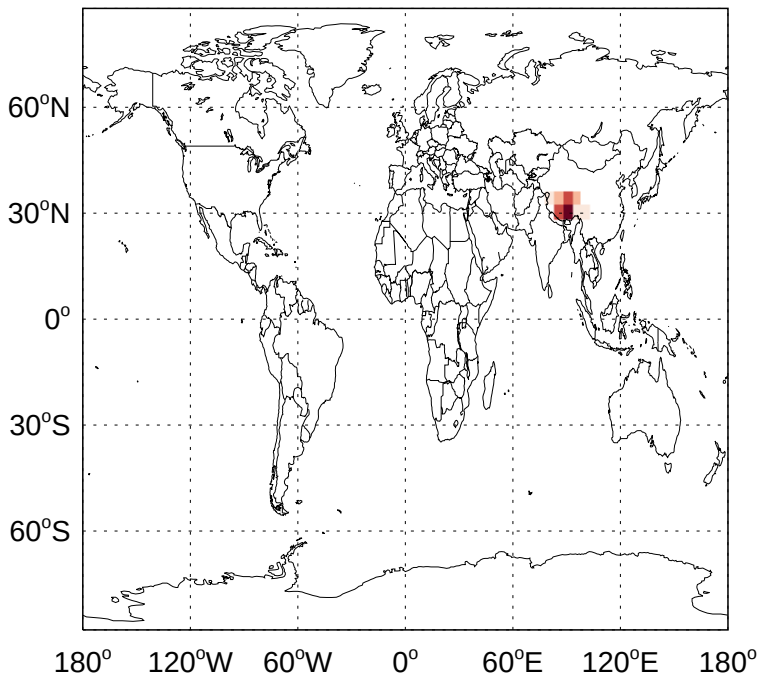
v11-02e-Run0 - v11-02d-Run1

JNO - J-Value Diff @ 500 hPa for Jul



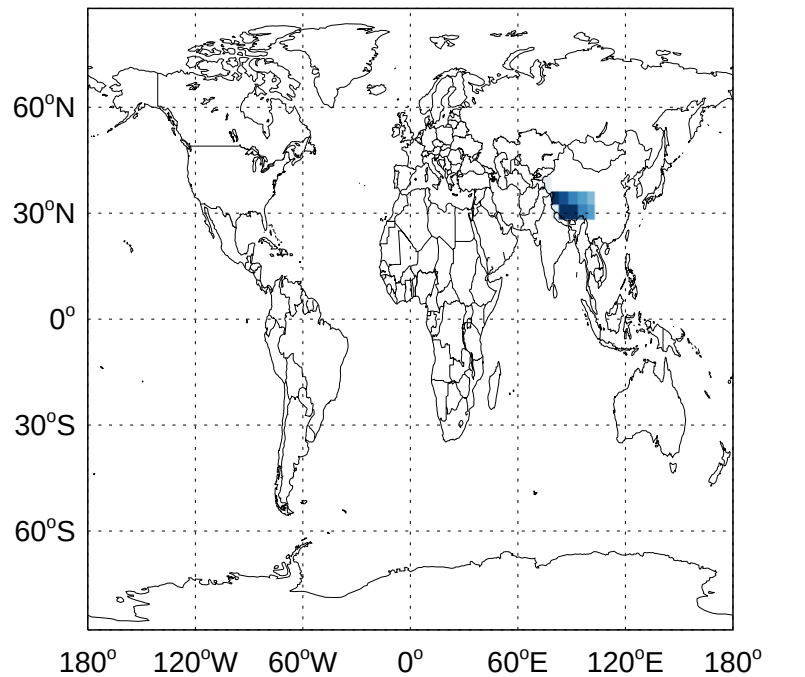
v11-02e-Run0 - v11-02c-Run0

JNO - J-Value Diff @ surface for Jul



v11-02e-Run0 - v11-02c-Run0

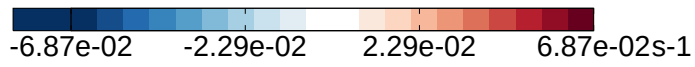
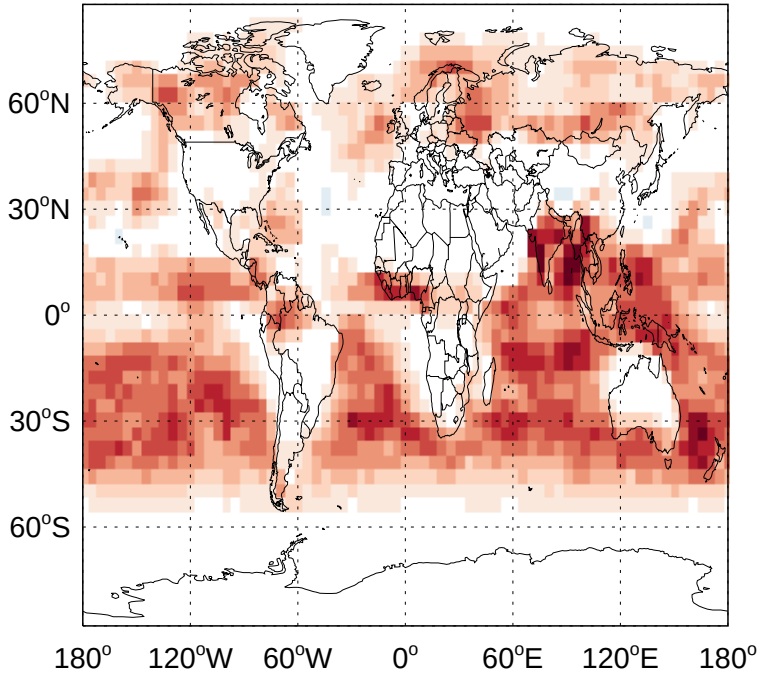
JNO - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

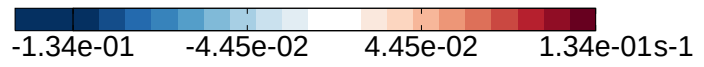
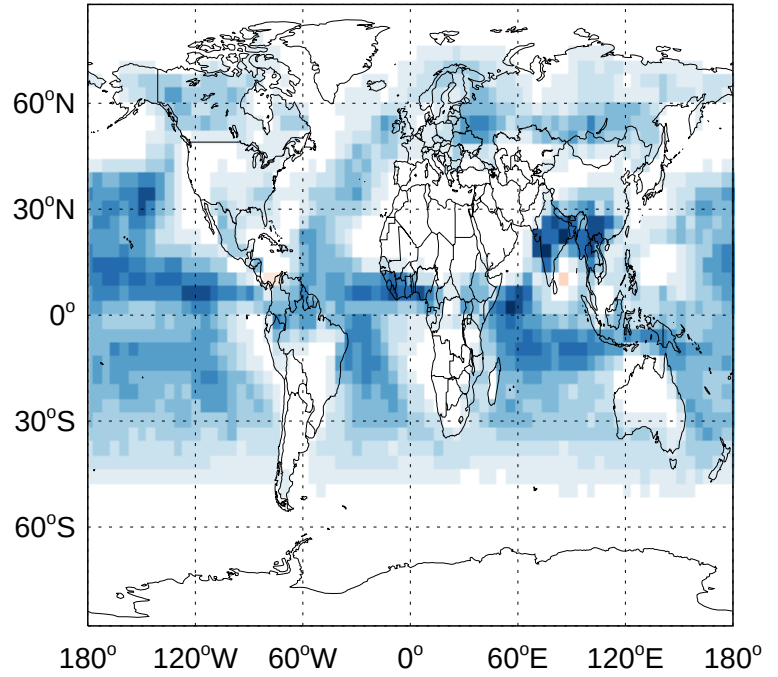
v11-02e-Run0 - v11-02d-Run1

JNO3 - J-Value Diff @ surface for Jul



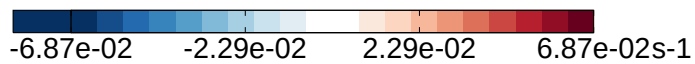
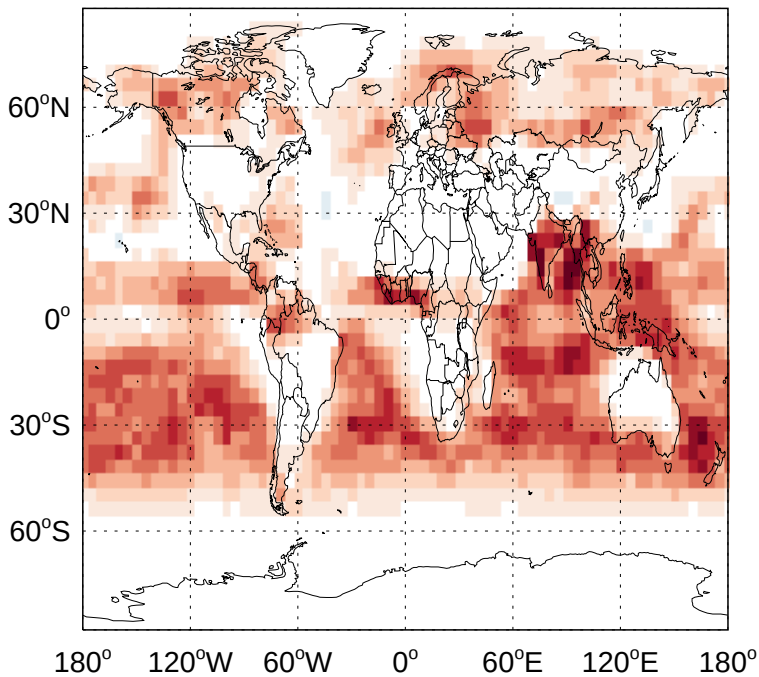
v11-02e-Run0 - v11-02d-Run1

JNO3 - J-Value Diff @ 500 hPa for Jul



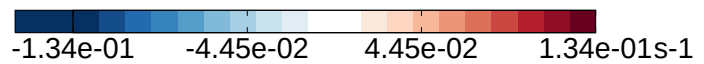
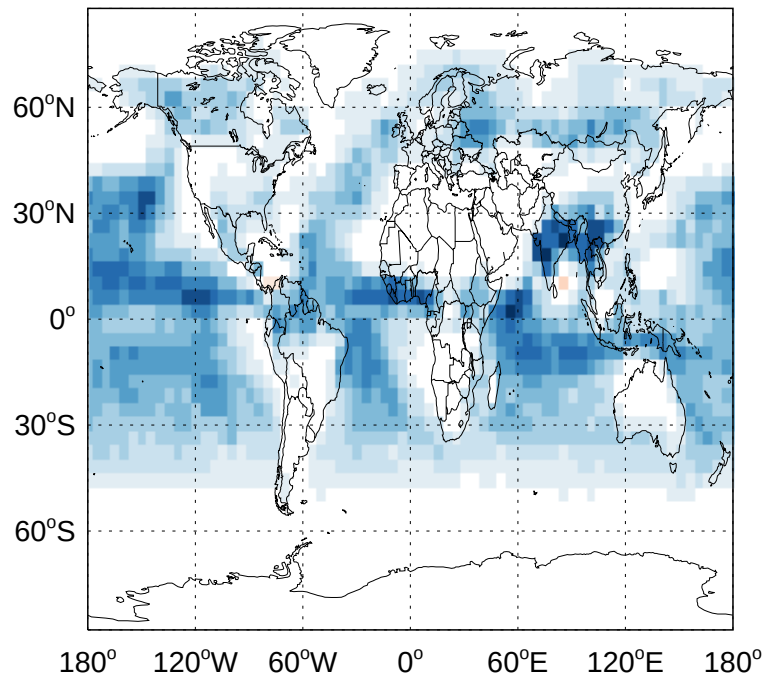
v11-02e-Run0 - v11-02c-Run0

JNO3 - J-Value Diff @ surface for Jul



v11-02e-Run0 - v11-02c-Run0

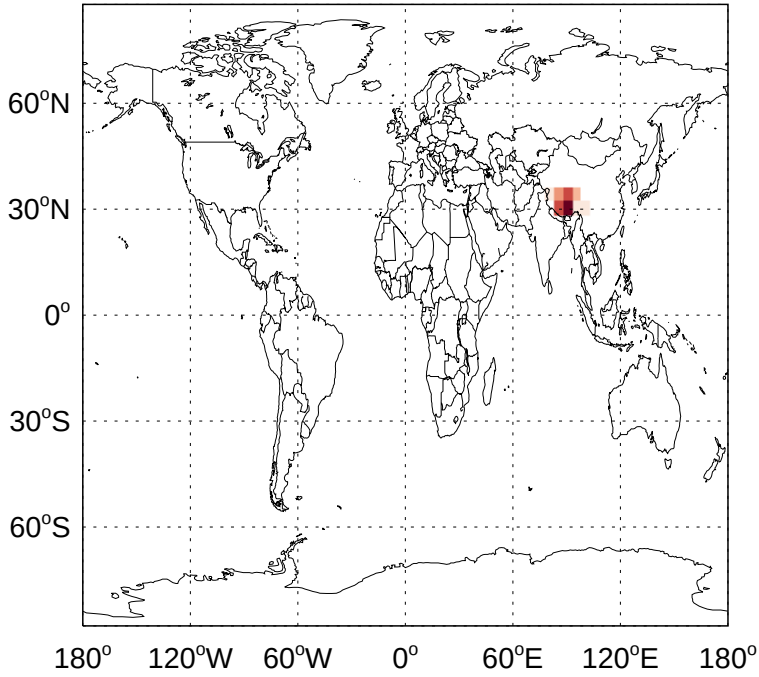
JNO3 - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

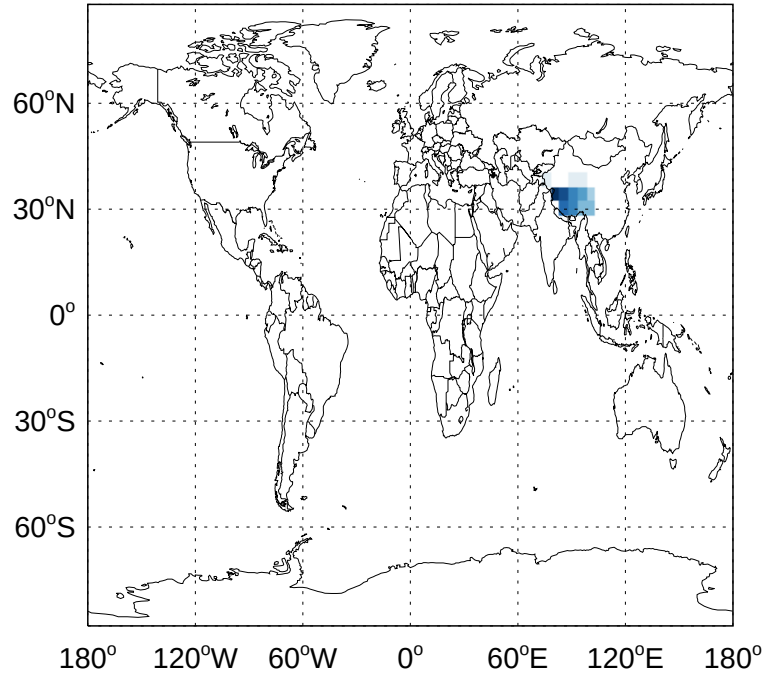
v11-02e-Run0 - v11-02d-Run1

JCFC11 - J-Value Diff @ surface for Jul



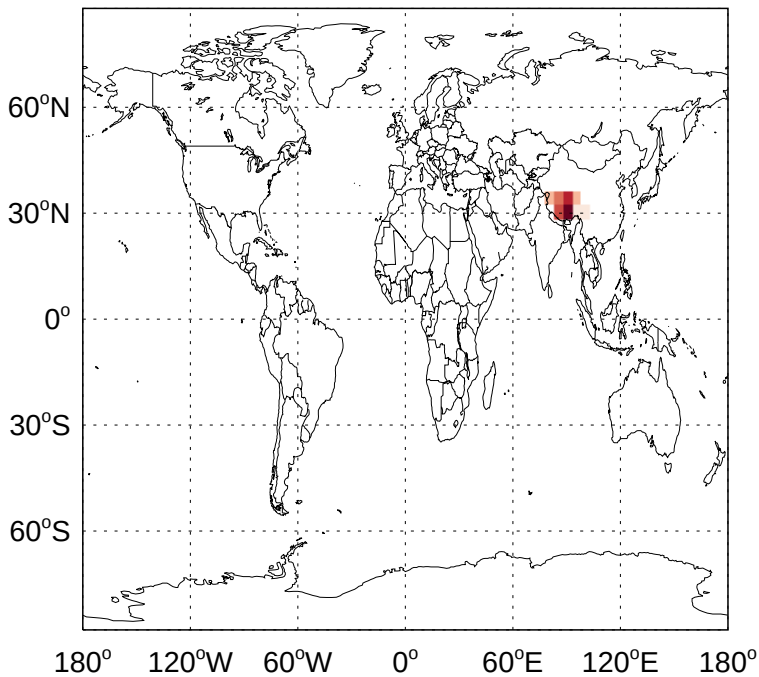
v11-02e-Run0 - v11-02d-Run1

JCFC11 - J-Value Diff @ 500 hPa for Jul



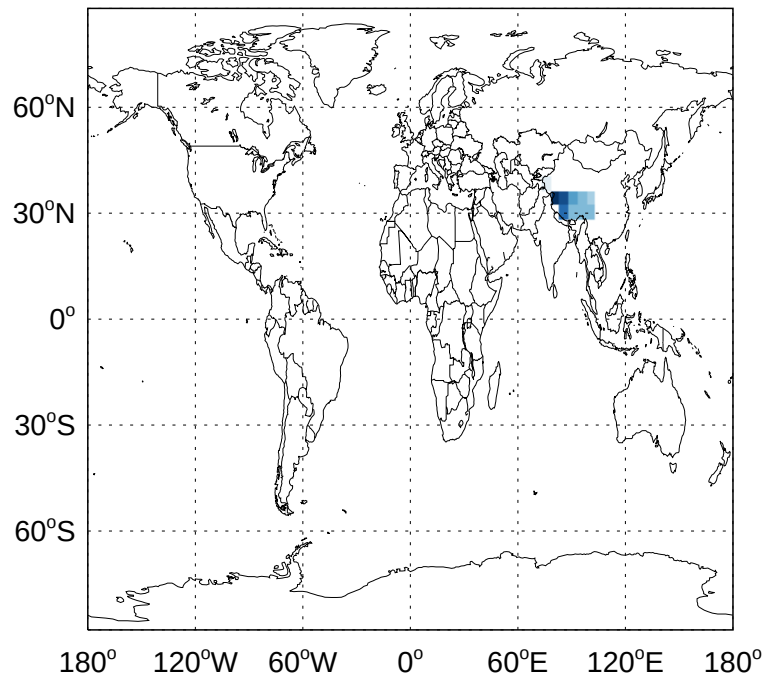
v11-02e-Run0 - v11-02c-Run0

JCFC11 - J-Value Diff @ surface for Jul



v11-02e-Run0 - v11-02c-Run0

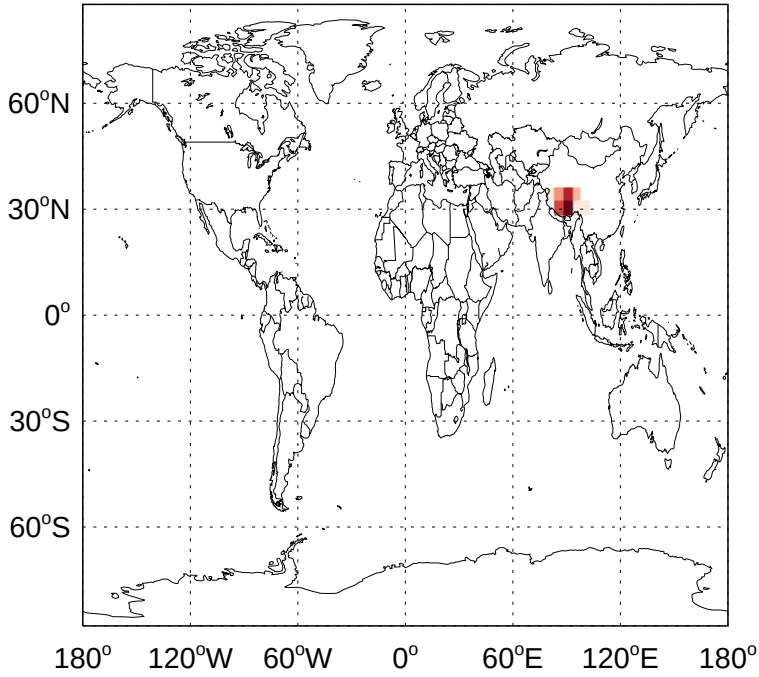
JCFC11 - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

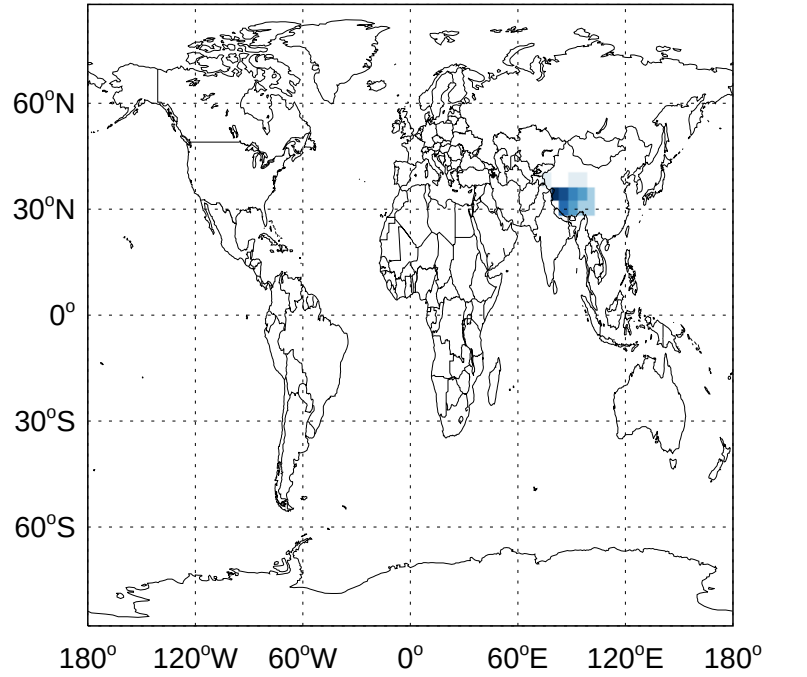
v11-02e-Run0 - v11-02d-Run1

JCFC12 - J-Value Diff @ surface for Jul



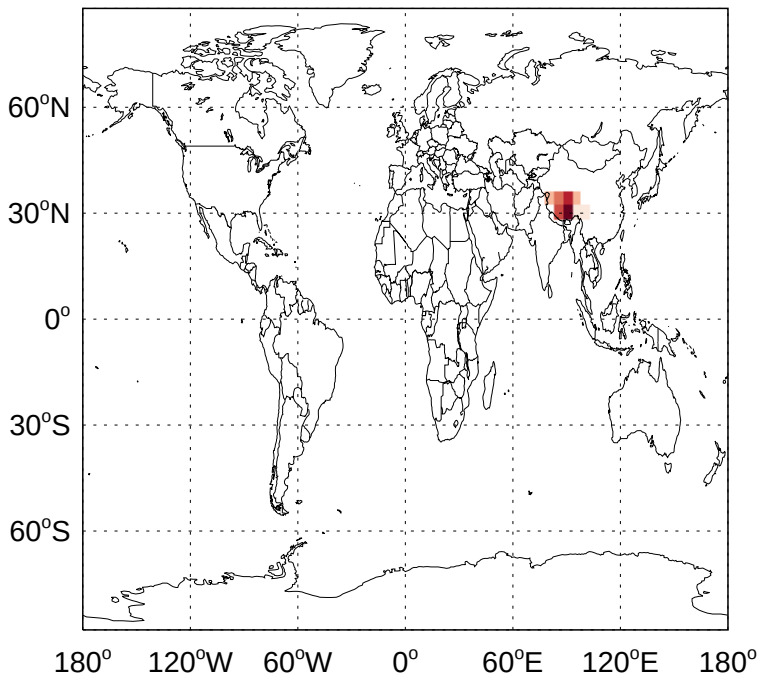
v11-02e-Run0 - v11-02d-Run1

JCFC12 - J-Value Diff @ 500 hPa for Jul



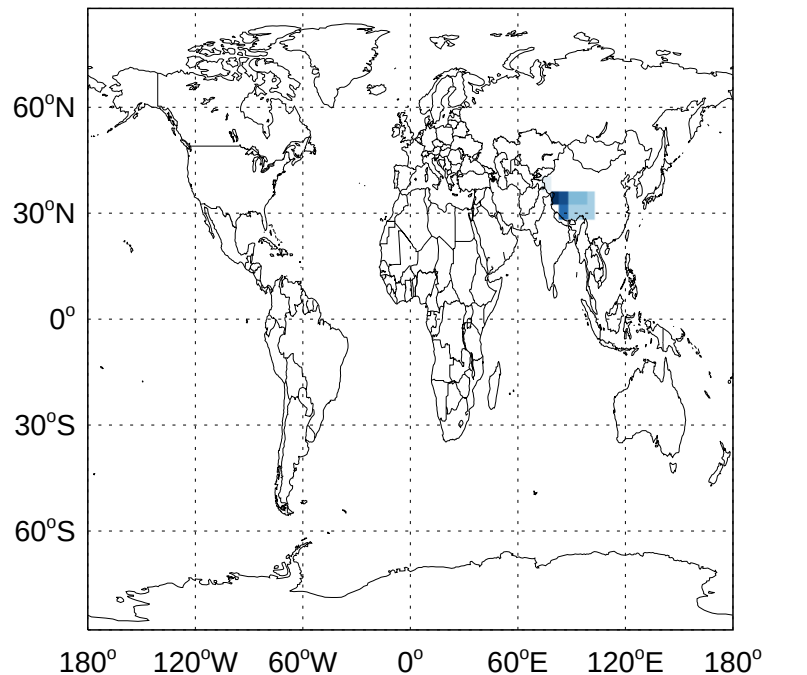
v11-02e-Run0 - v11-02c-Run0

JCFC12 - J-Value Diff @ surface for Jul



v11-02e-Run0 - v11-02c-Run0

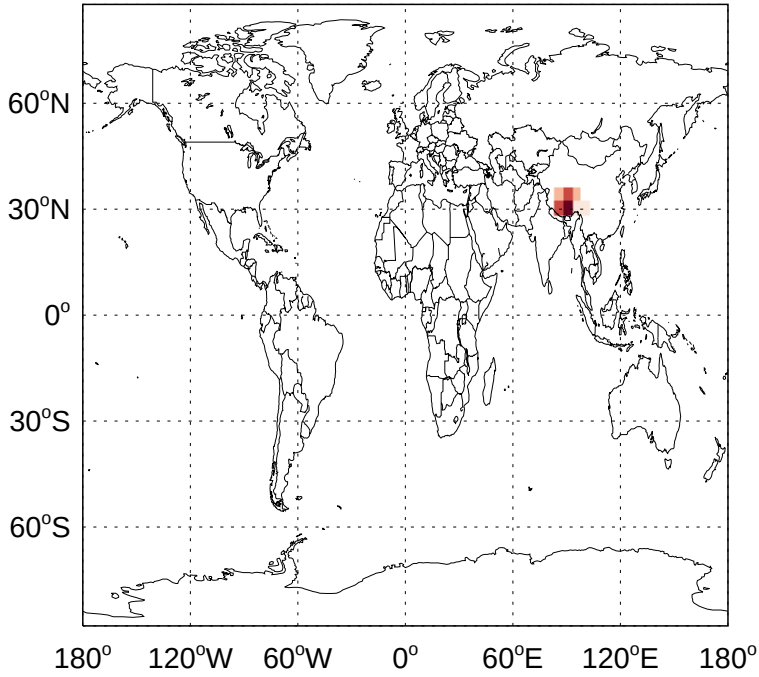
JCFC12 - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

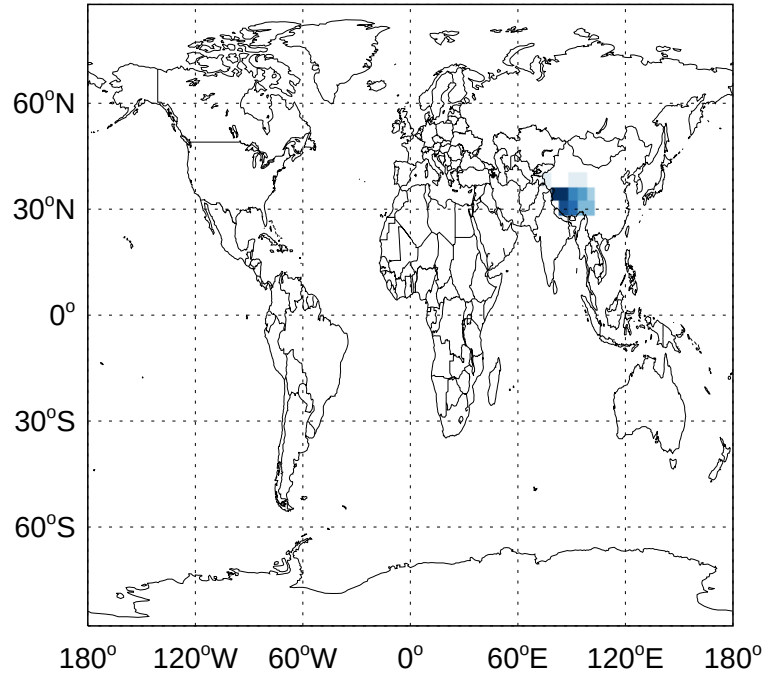
v11-02e-Run0 - v11-02d-Run1

JCCI4 - J-Value Diff @ surface for Jul



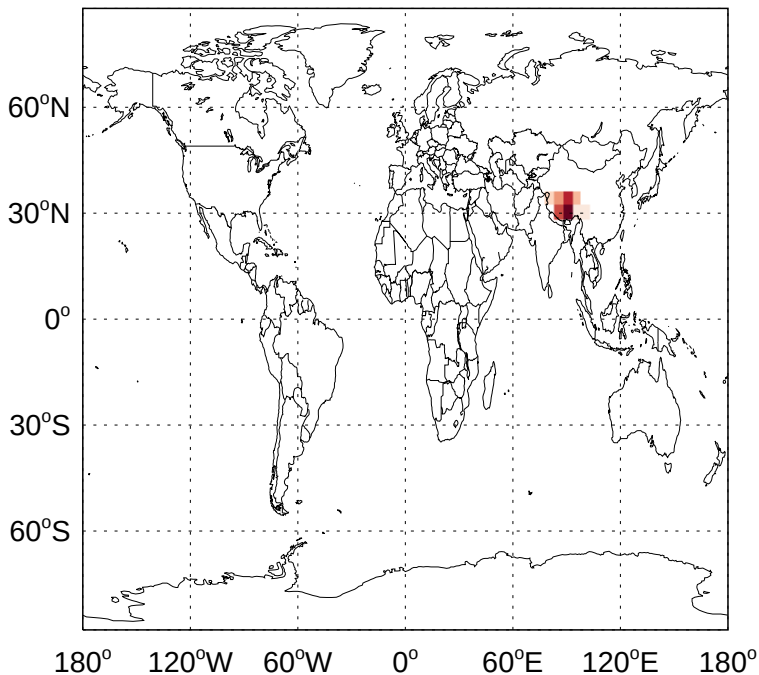
v11-02e-Run0 - v11-02d-Run1

JCCI4 - J-Value Diff @ 500 hPa for Jul



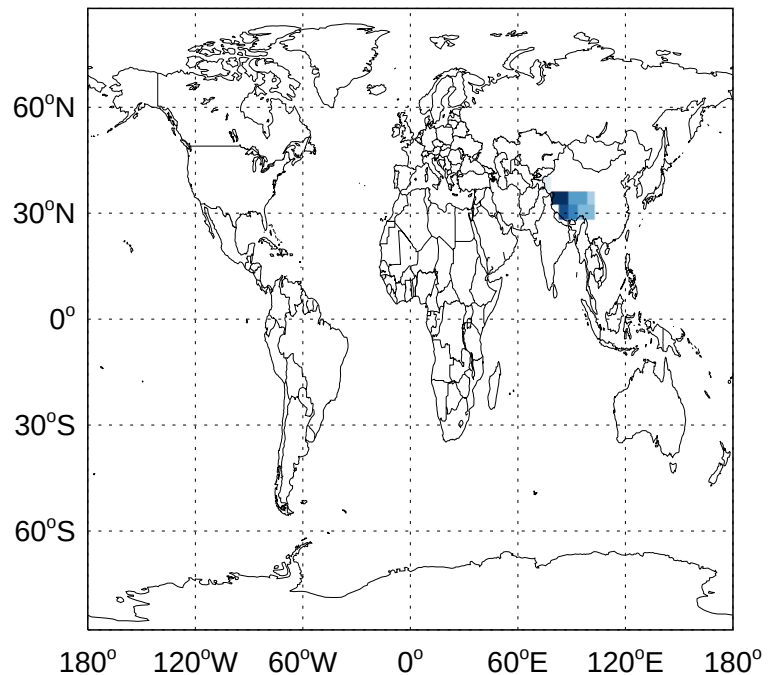
v11-02e-Run0 - v11-02c-Run0

JCCI4 - J-Value Diff @ surface for Jul



v11-02e-Run0 - v11-02c-Run0

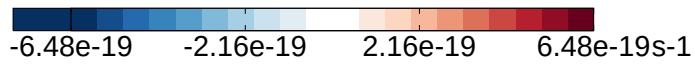
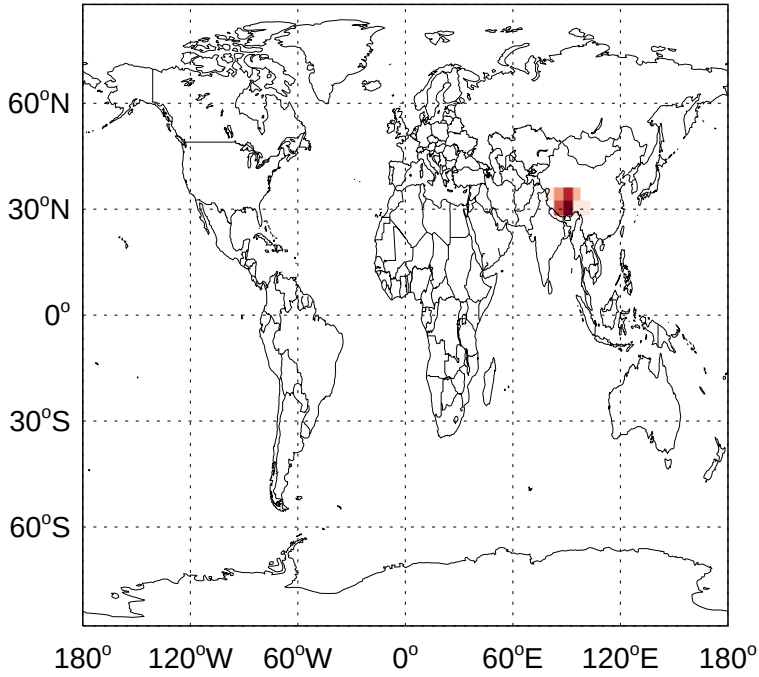
JCCI4 - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

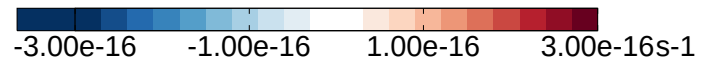
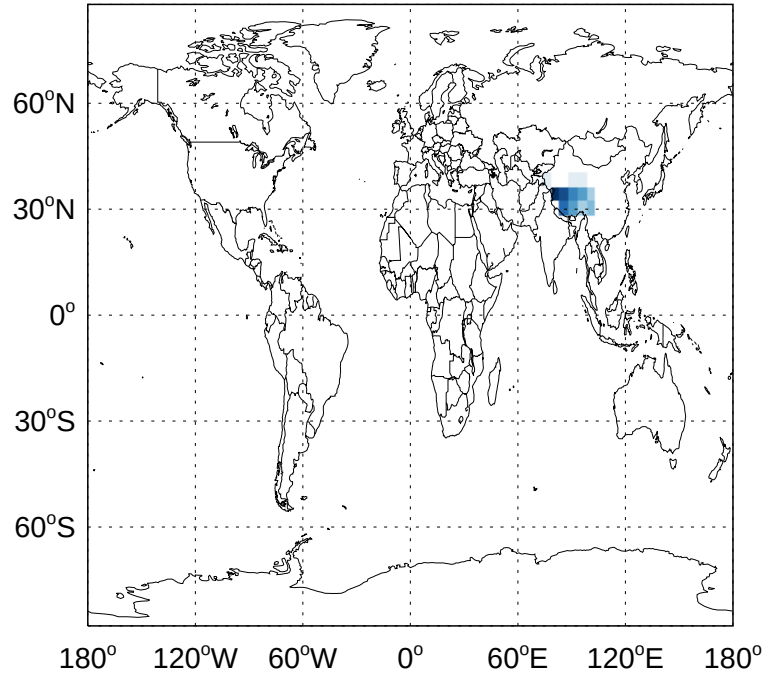
v11-02e-Run0 - v11-02d-Run1

JCH3Cl - J-Value Diff @ surface for Jul



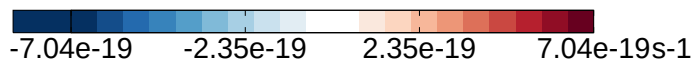
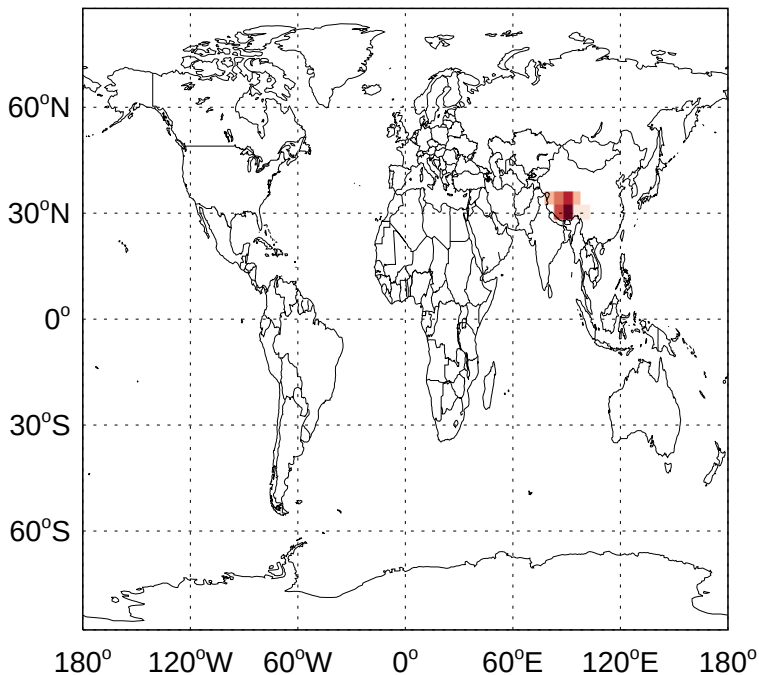
v11-02e-Run0 - v11-02d-Run1

JCH3Cl - J-Value Diff @ 500 hPa for Jul



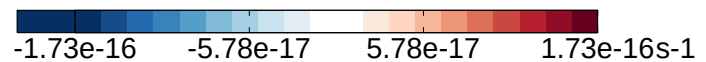
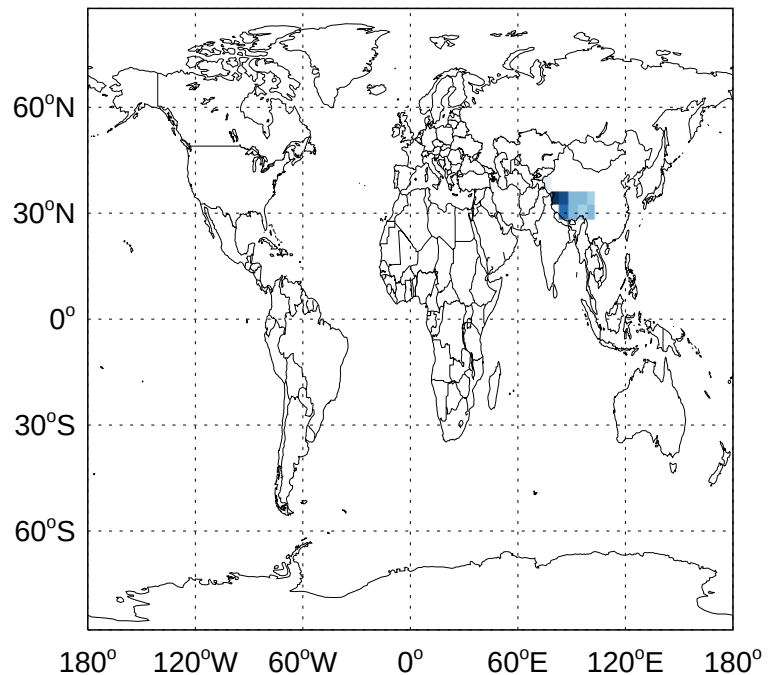
v11-02e-Run0 - v11-02c-Run0

JCH3Cl - J-Value Diff @ surface for Jul



v11-02e-Run0 - v11-02c-Run0

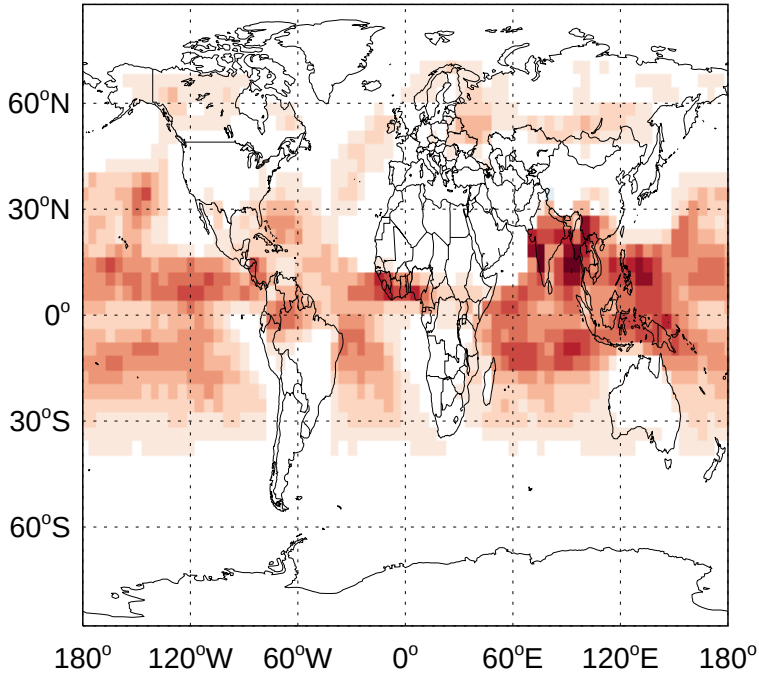
JCH3Cl - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

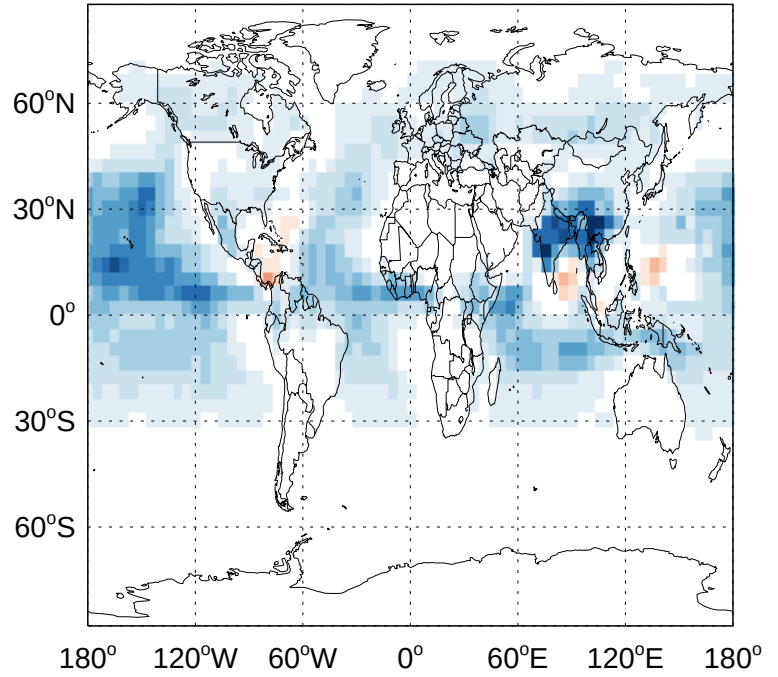
v11-02e-Run0 - v11-02d-Run1

JACET - J-Value Diff @ surface for Jul



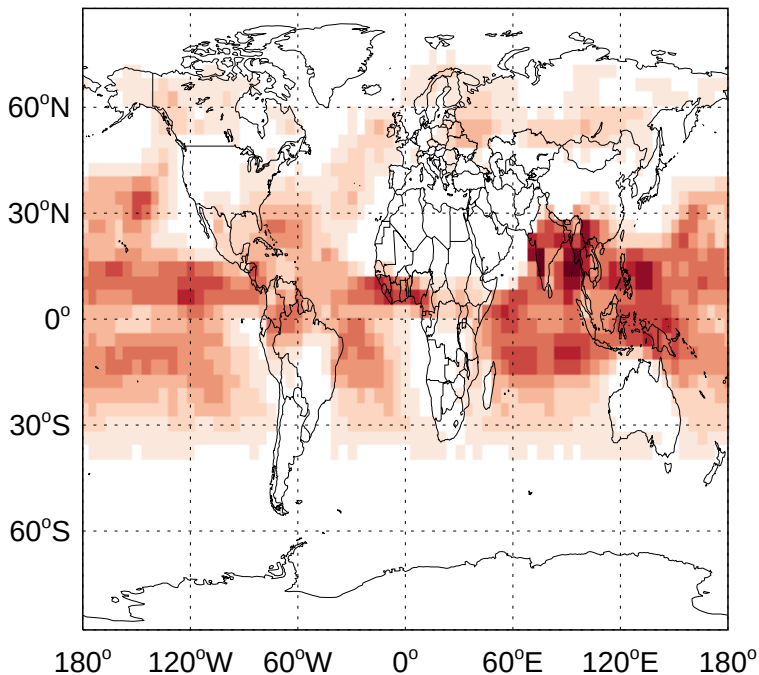
v11-02e-Run0 - v11-02d-Run1

JACET - J-Value Diff @ 500 hPa for Jul



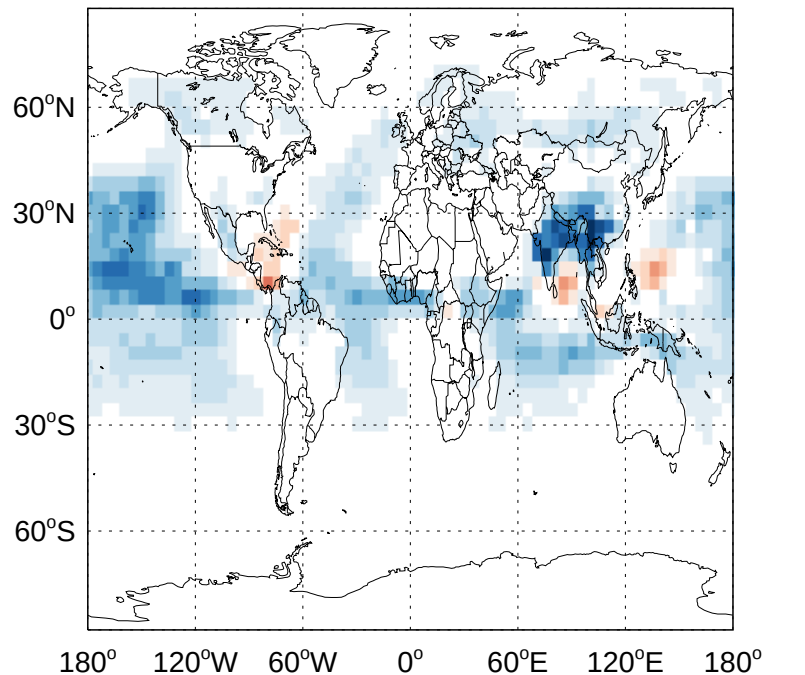
v11-02e-Run0 - v11-02c-Run0

JACET - J-Value Diff @ surface for Jul



v11-02e-Run0 - v11-02c-Run0

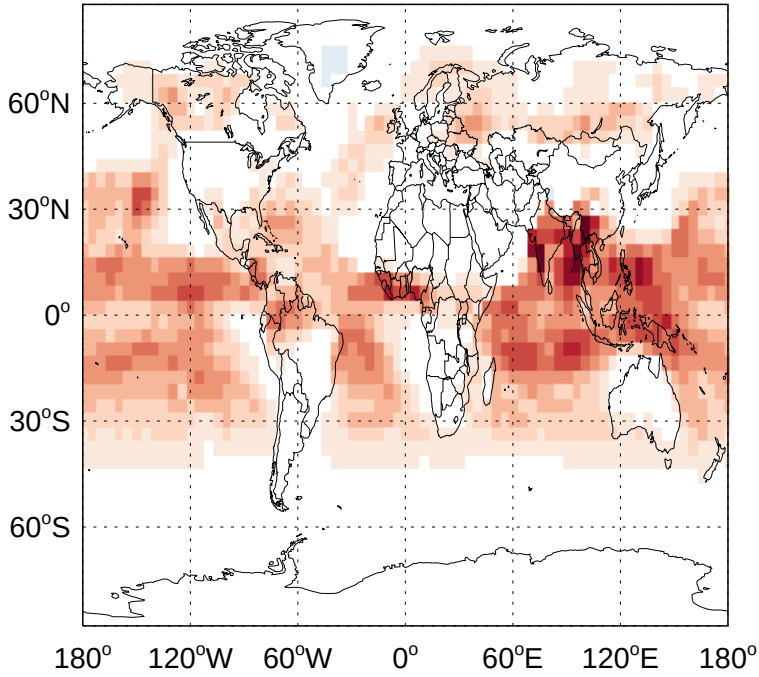
JACET - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

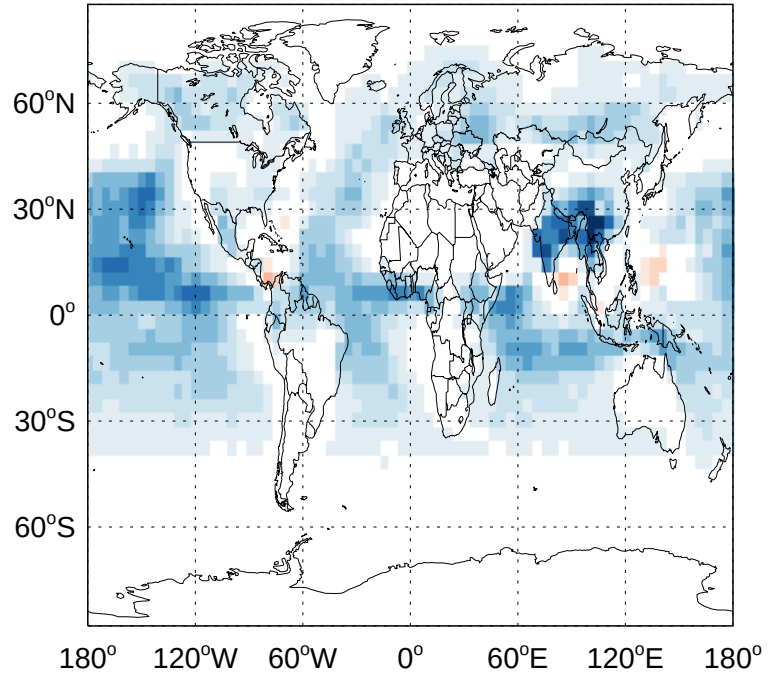
v11-02e-Run0 - v11-02d-Run1

JALD2 - J-Value Diff @ surface for Jul



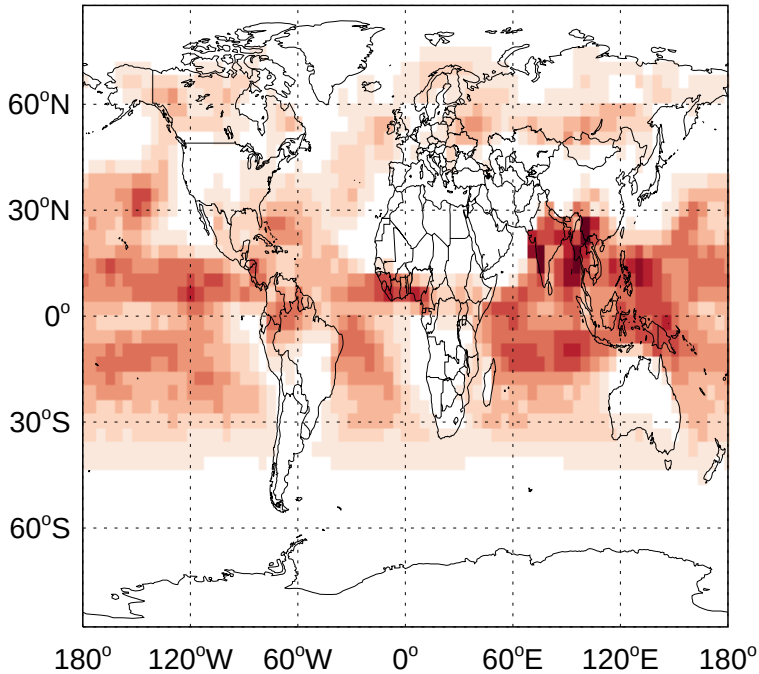
v11-02e-Run0 - v11-02d-Run1

JALD2 - J-Value Diff @ 500 hPa for Jul



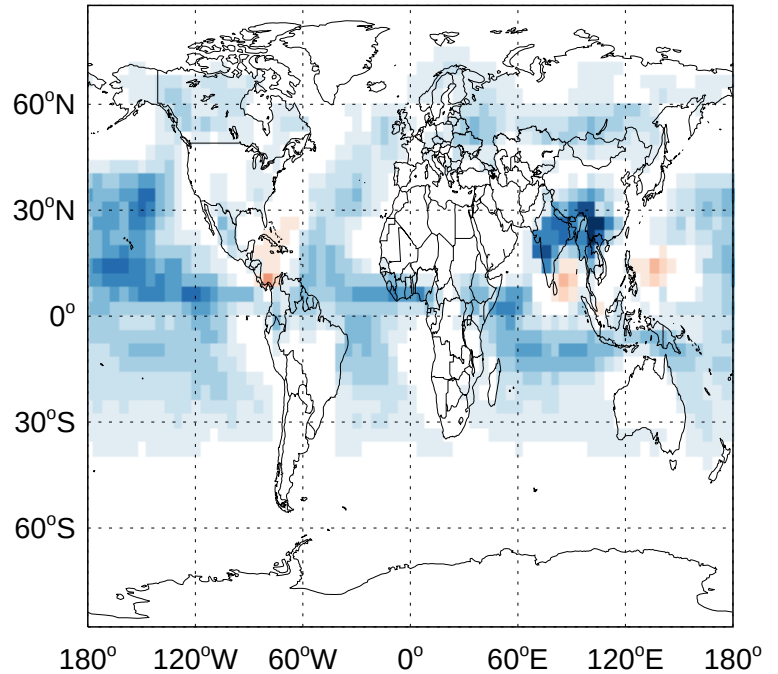
v11-02e-Run0 - v11-02c-Run0

JALD2 - J-Value Diff @ surface for Jul



v11-02e-Run0 - v11-02c-Run0

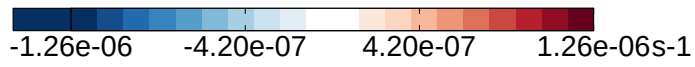
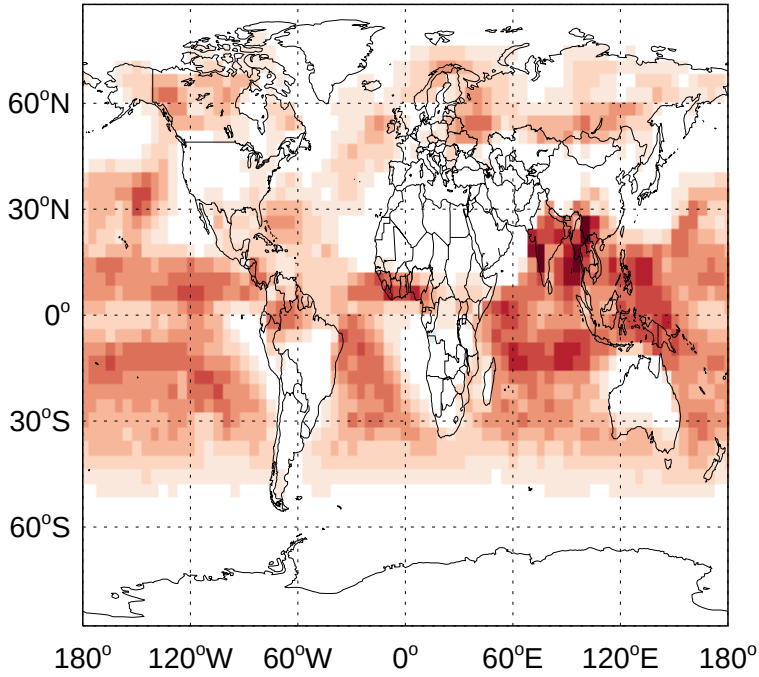
JALD2 - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

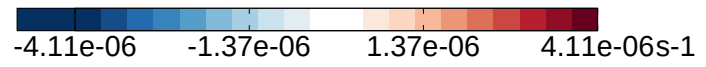
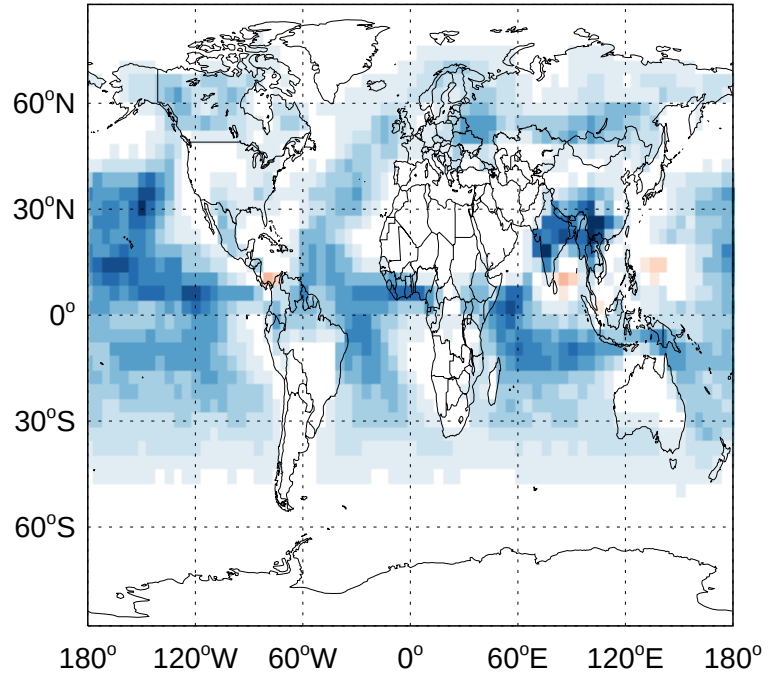
v11-02e-Run0 - v11-02d-Run1

JMK - J-Value Diff @ surface for Jul



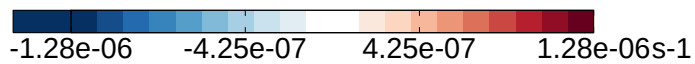
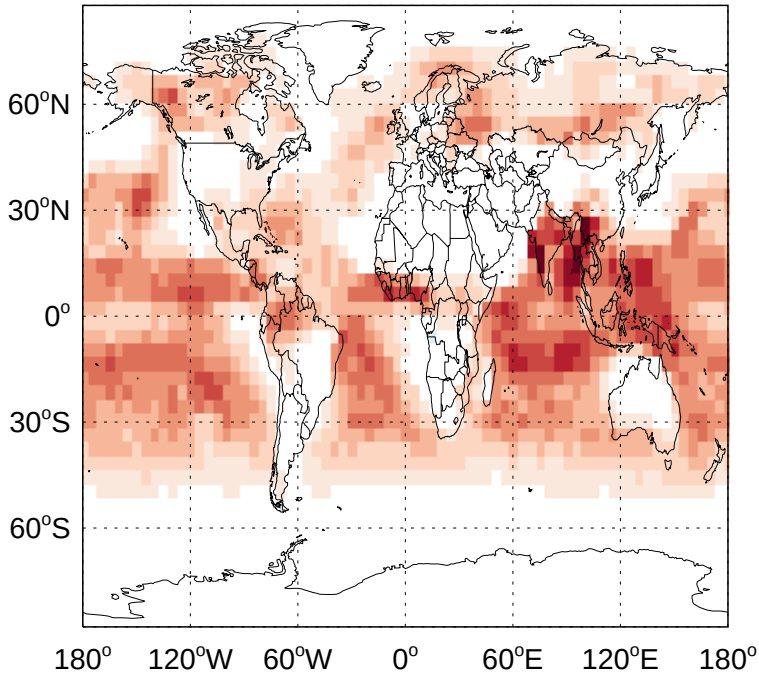
v11-02e-Run0 - v11-02d-Run1

JMK - J-Value Diff @ 500 hPa for Jul



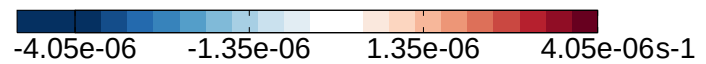
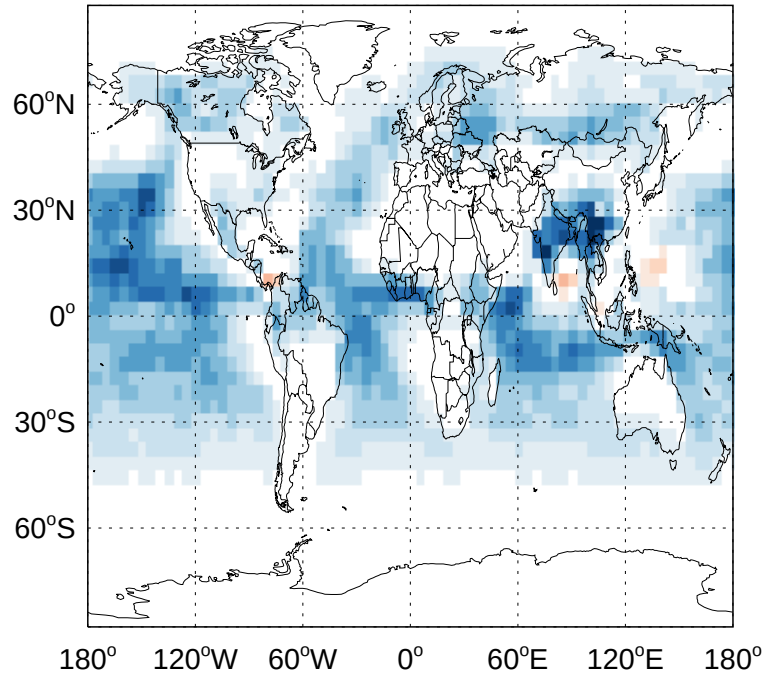
v11-02e-Run0 - v11-02c-Run0

JMK - J-Value Diff @ surface for Jul



v11-02e-Run0 - v11-02c-Run0

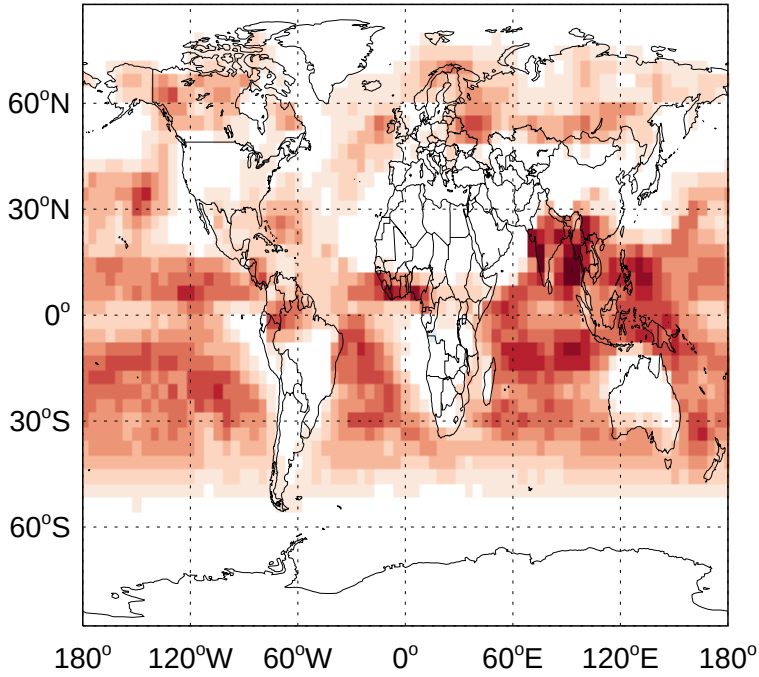
JMK - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

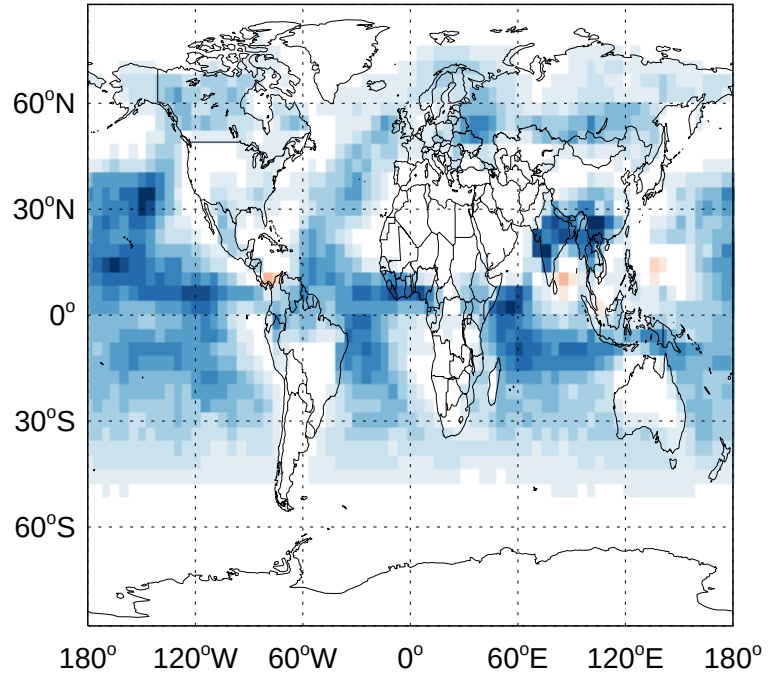
v11-02e-Run0 - v11-02d-Run1

JMACR - J-Value Diff @ surface for Jul



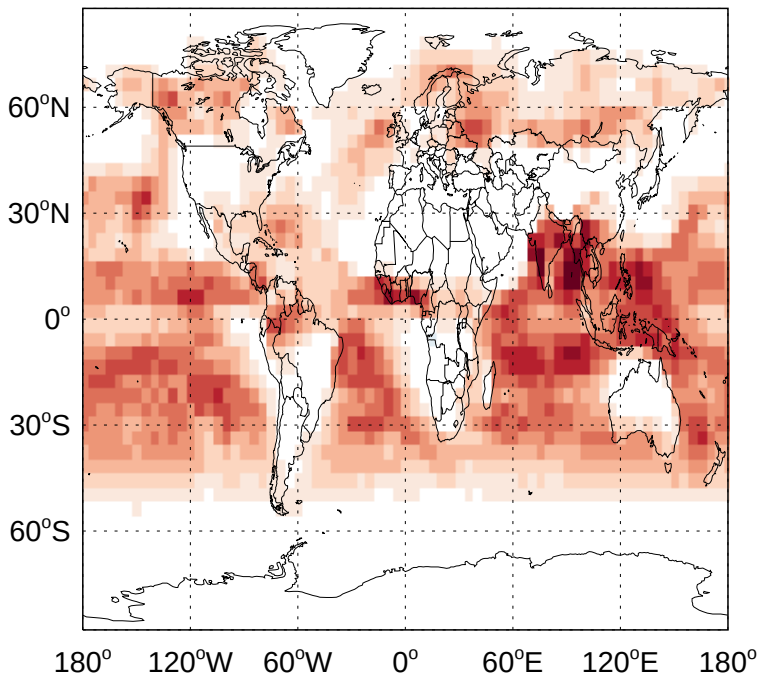
v11-02e-Run0 - v11-02d-Run1

JMACR - J-Value Diff @ 500 hPa for Jul



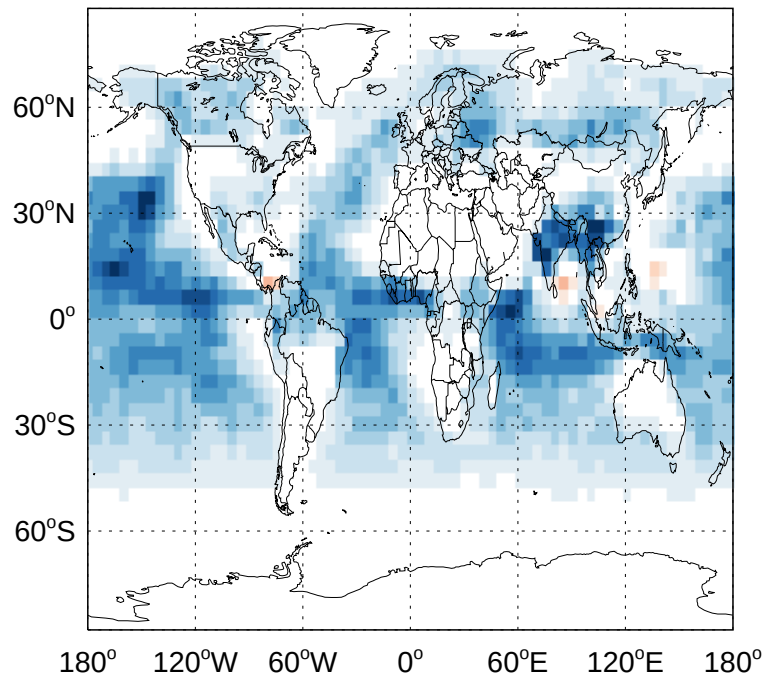
v11-02e-Run0 - v11-02c-Run0

JMACR - J-Value Diff @ surface for Jul



v11-02e-Run0 - v11-02c-Run0

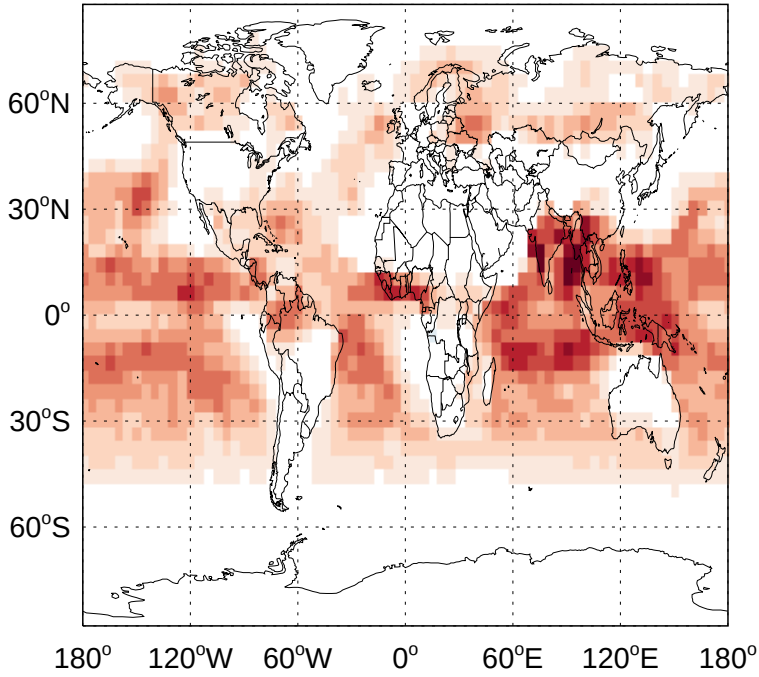
JMACR - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

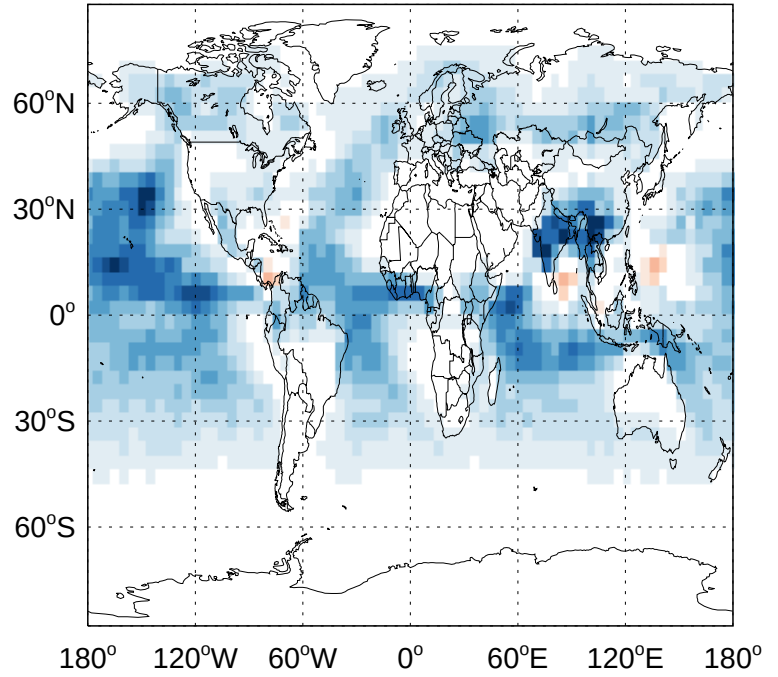
v11-02e-Run0 - v11-02d-Run1

JHAC - J-Value Diff @ surface for Jul



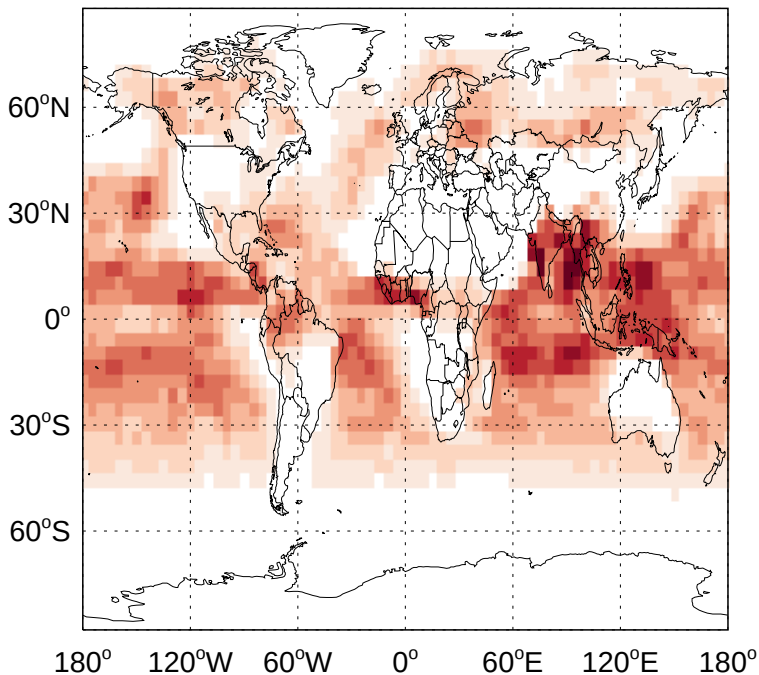
v11-02e-Run0 - v11-02d-Run1

JHAC - J-Value Diff @ 500 hPa for Jul



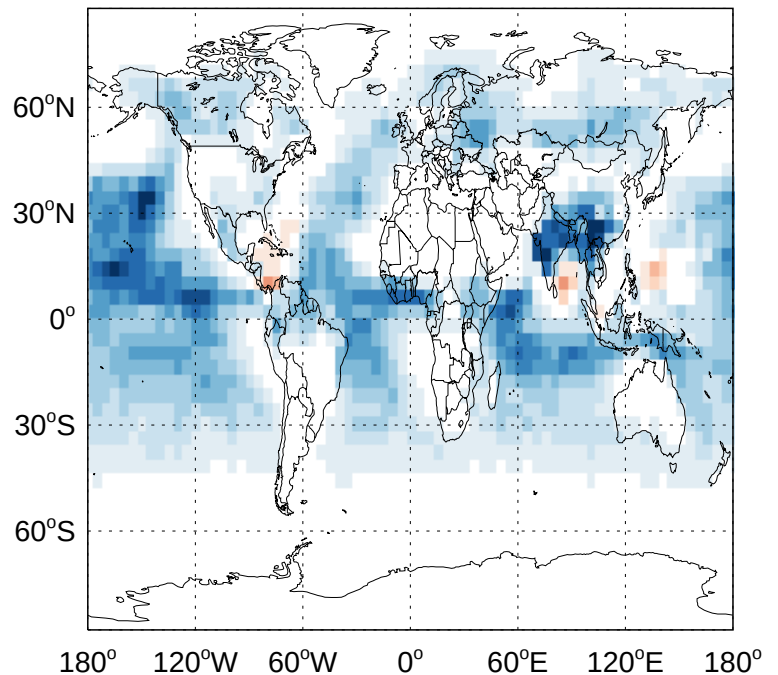
v11-02e-Run0 - v11-02c-Run0

JHAC - J-Value Diff @ surface for Jul



v11-02e-Run0 - v11-02c-Run0

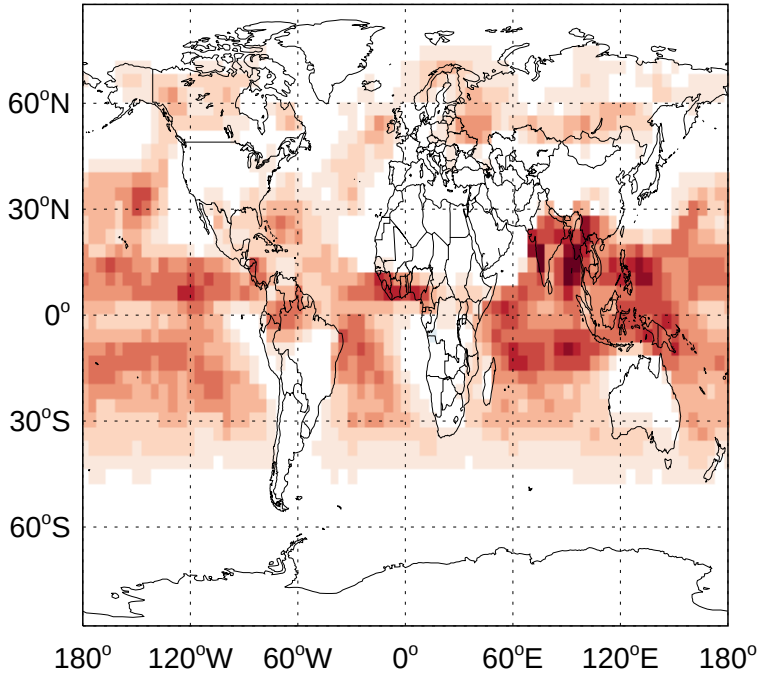
JHAC - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

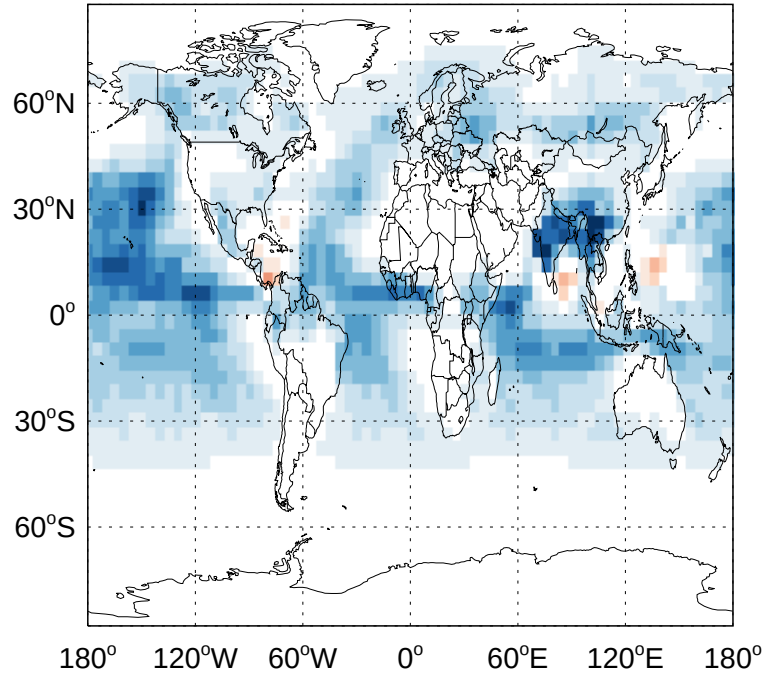
v11-02e-Run0 - v11-02d-Run1

JGLYC - J-Value Diff @ surface for Jul



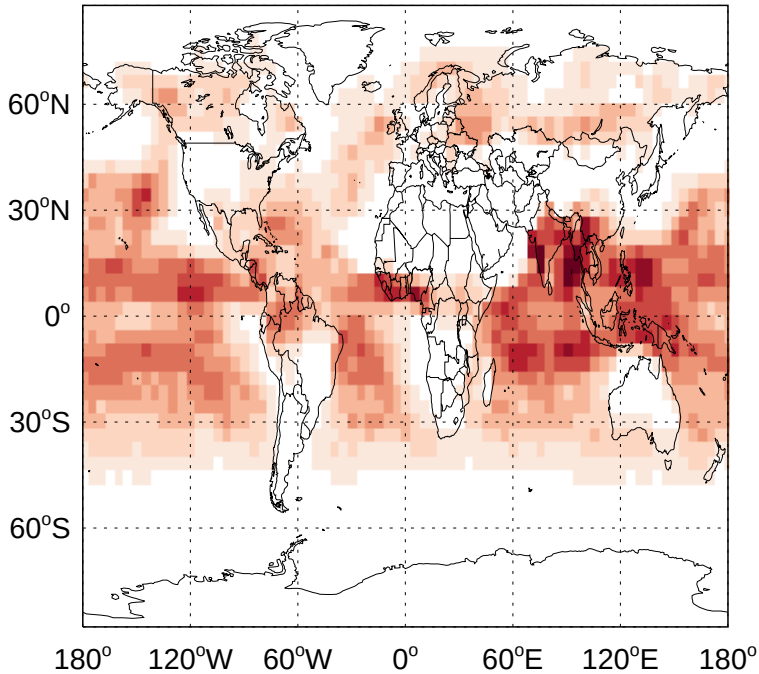
v11-02e-Run0 - v11-02d-Run1

JGLYC - J-Value Diff @ 500 hPa for Jul



v11-02e-Run0 - v11-02c-Run0

JGLYC - J-Value Diff @ surface for Jul



v11-02e-Run0 - v11-02c-Run0

JGLYC - J-Value Diff @ 500 hPa for Jul

