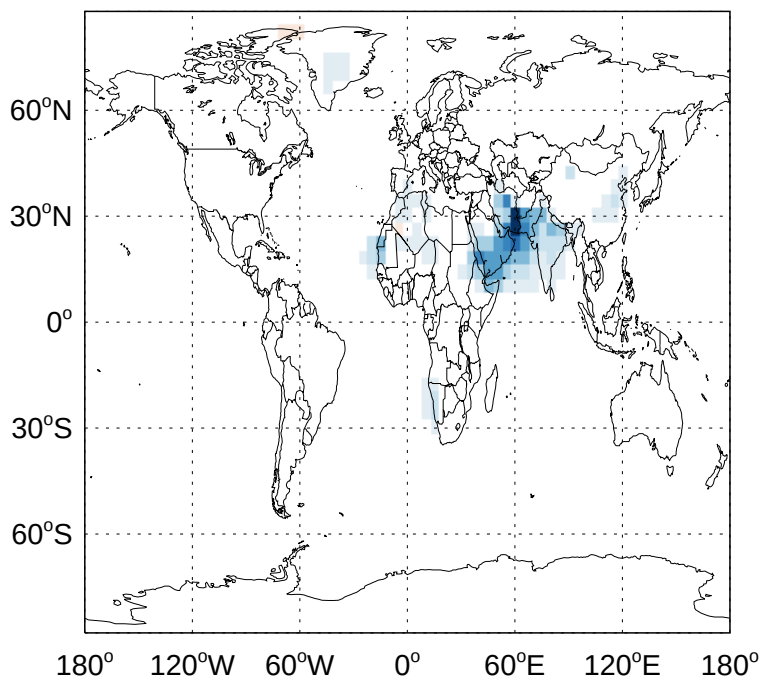


GEOS-Chem J-Values at surface and 500 hPa

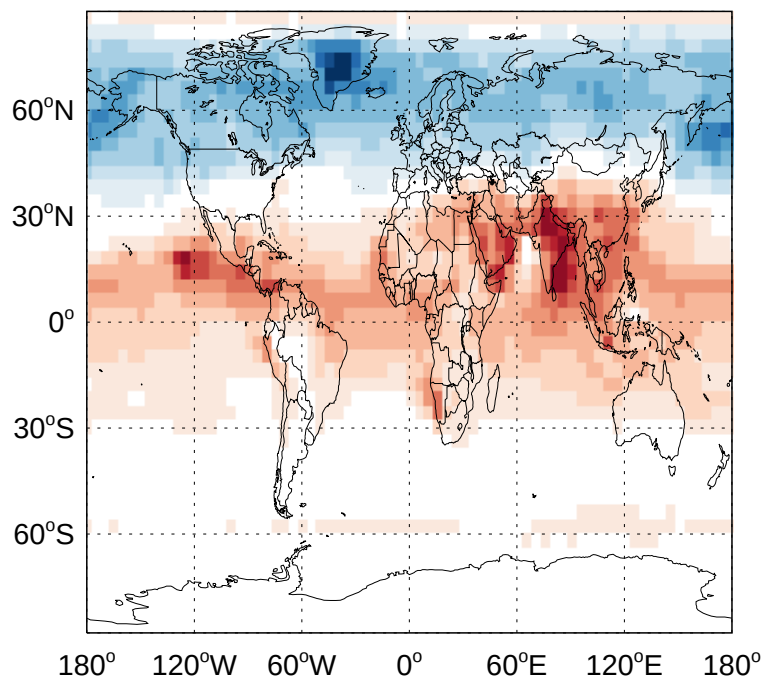
GC_12.4.0 - GC_12.0.0

JNO2 - J-Value Diff @ surface for Jul



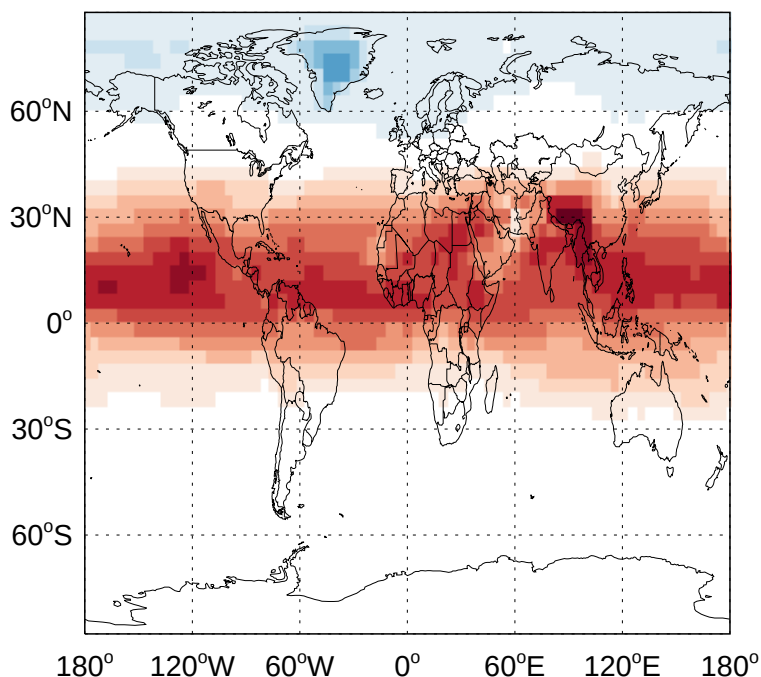
GC_12.4.0 - GC_12.0.0

JNO2 - J-Value Diff @ 500 hPa for Jul



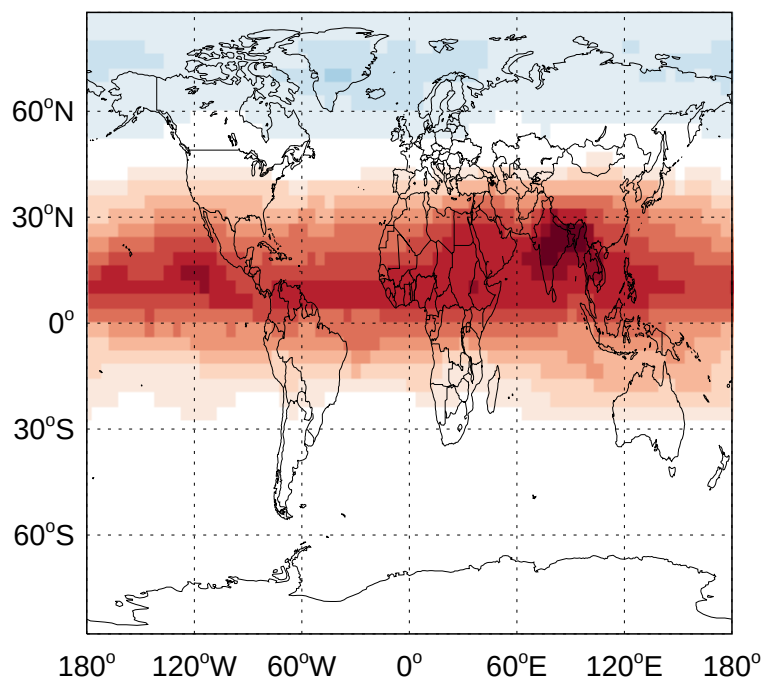
GC_12.4.0 - GC_12.0.0

JHNO3 - J-Value Diff @ surface for Jul



GC_12.4.0 - GC_12.0.0

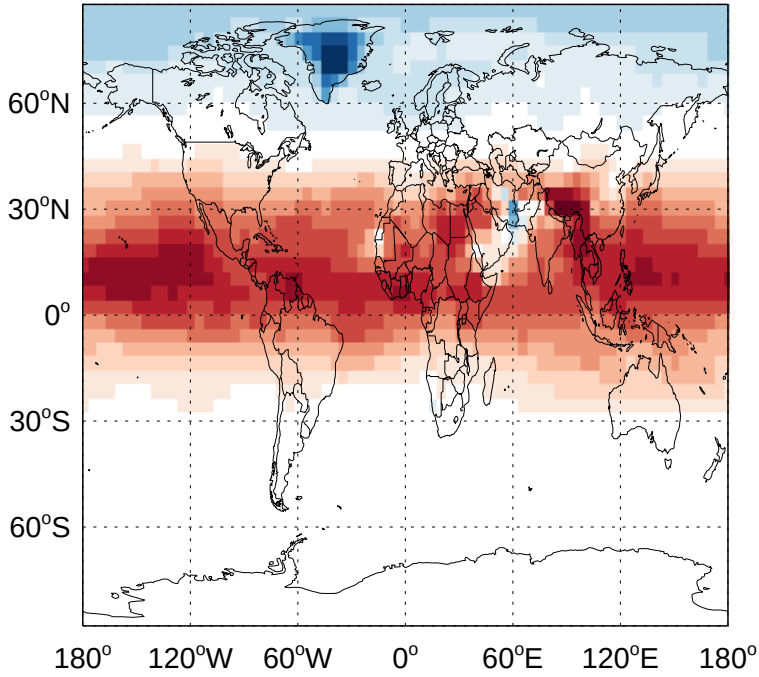
JHNO3 - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

GC_12.4.0 - GC_12.0.0

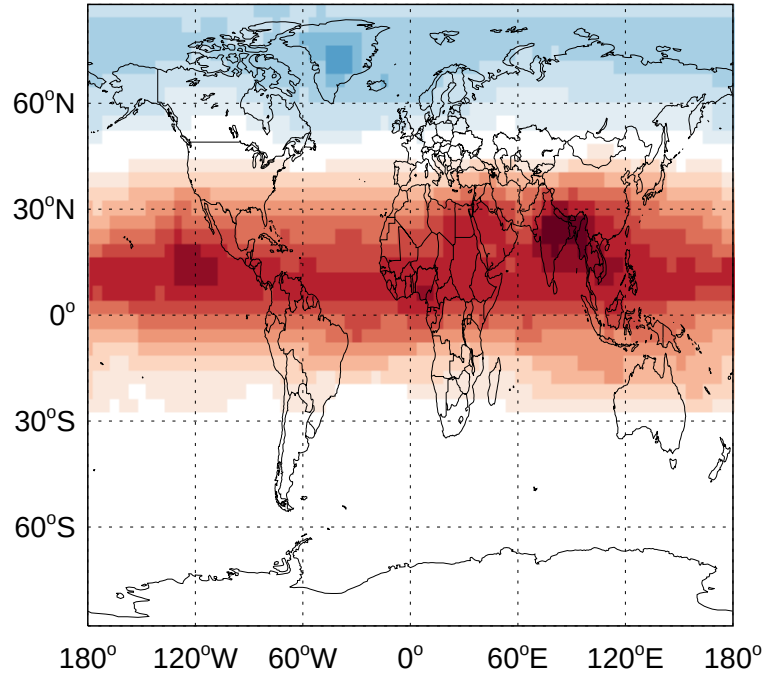
JH2O2 - J-Value Diff @ surface for Jul



-1.26e-06 -4.21e-07 4.21e-07 1.26e-06s-1

GC_12.4.0 - GC_12.0.0

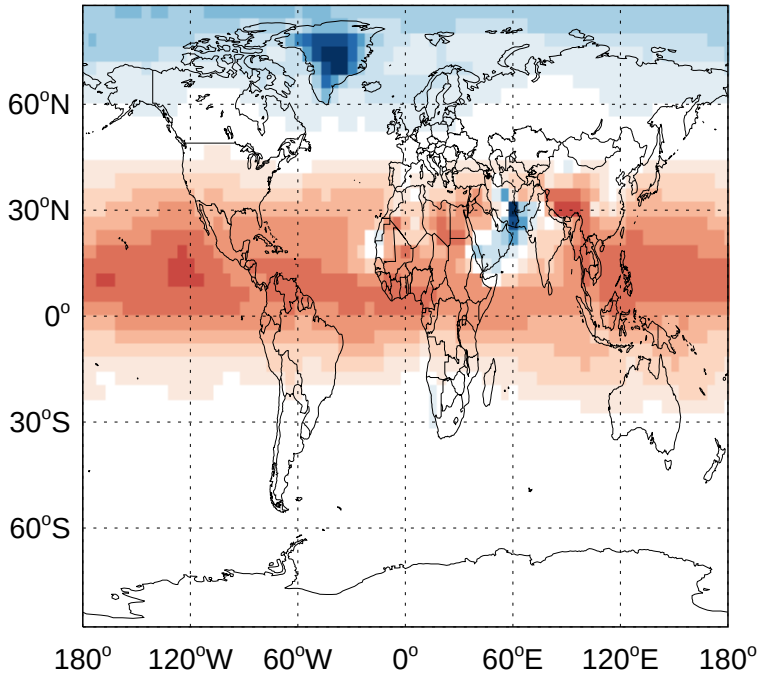
JH2O2 - J-Value Diff @ 500 hPa for Jul



-2.35e-06 -7.85e-07 7.85e-07 2.35e-06s-1

GC_12.4.0 - GC_12.0.0

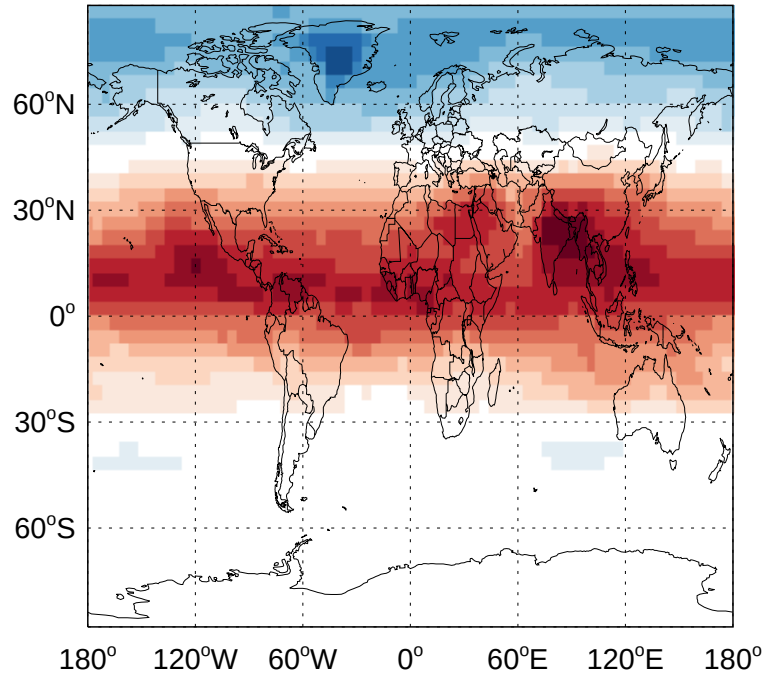
JCH2O - J-Value Diff @ surface for Jul



-1.20e-05 -3.99e-06 3.99e-06 1.20e-05s-1

GC_12.4.0 - GC_12.0.0

JCH2O - J-Value Diff @ 500 hPa for Jul

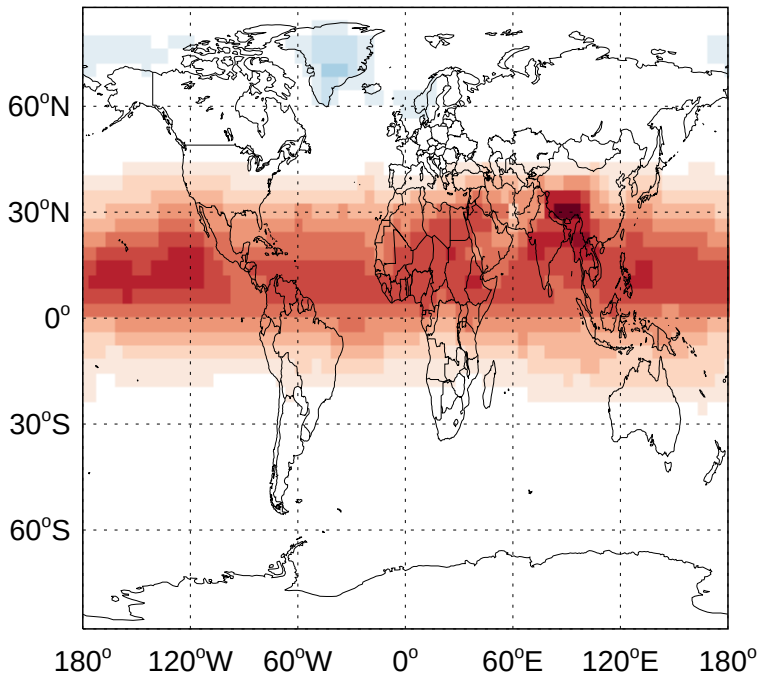


-1.55e-05 -5.16e-06 5.16e-06 1.55e-05s-1

GEOS-Chem J-Values at surface and 500 hPa

GC_12.4.0 - GC_12.0.0

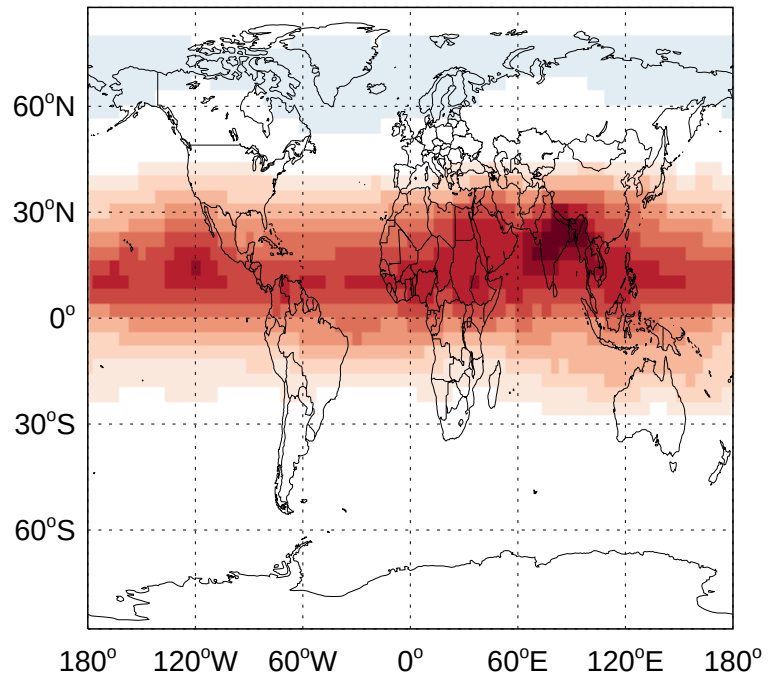
JO3_O1D - J-Value Diff @ surface for Jul



-4.35e-05 -1.45e-05 1.45e-05 4.35e-05s-1

GC_12.4.0 - GC_12.0.0

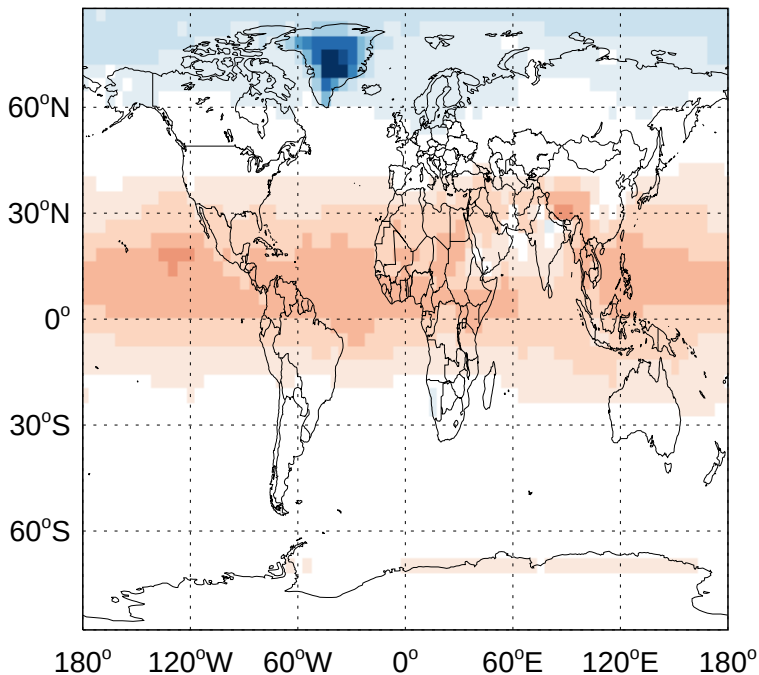
JO3_O1D - J-Value Diff @ 500 hPa for Jul



-7.60e-05 -2.53e-05 2.53e-05 7.60e-05s-1

GC_12.4.0 - GC_12.0.0

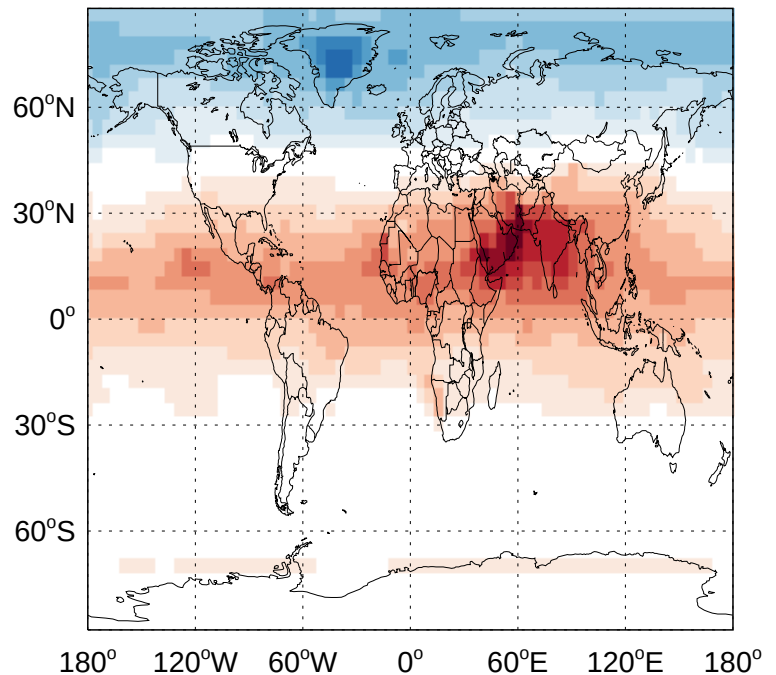
JO3_O3P - J-Value Diff @ surface for Jul



-2.88e-05 -9.59e-06 9.59e-06 2.88e-05s-1

GC_12.4.0 - GC_12.0.0

JO3_O3P - J-Value Diff @ 500 hPa for Jul

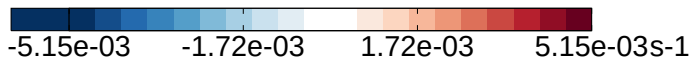
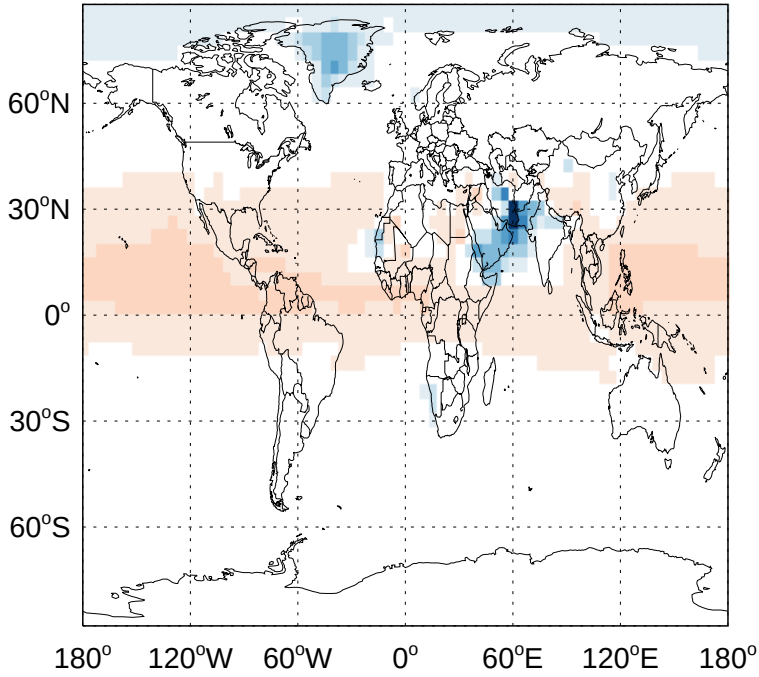


-4.23e-05 -1.41e-05 1.41e-05 4.23e-05s-1

GEOS-Chem J-Values at surface and 500 hPa

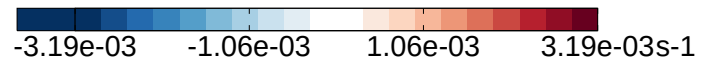
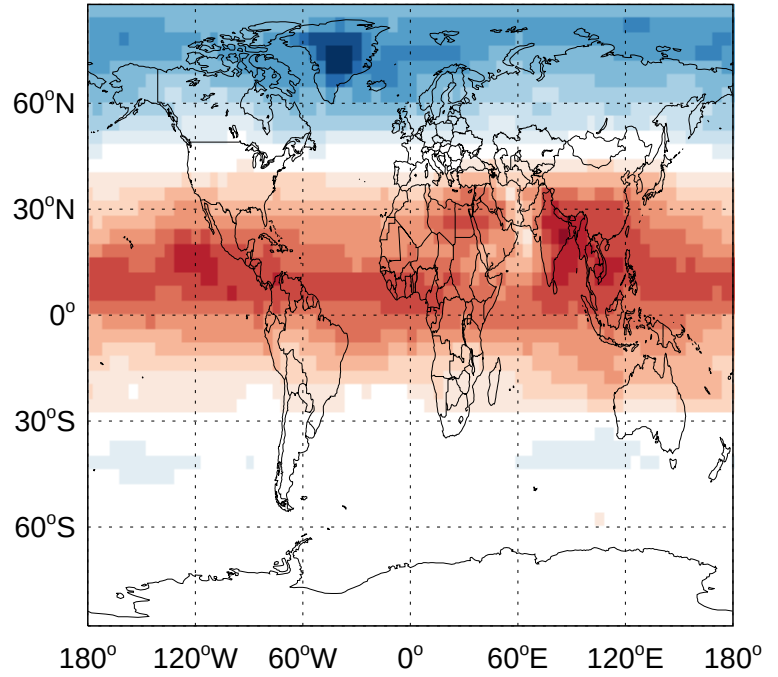
GC_12.4.0 - GC_12.0.0

JBrO - J-Value Diff @ surface for Jul



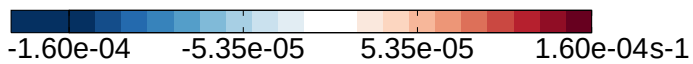
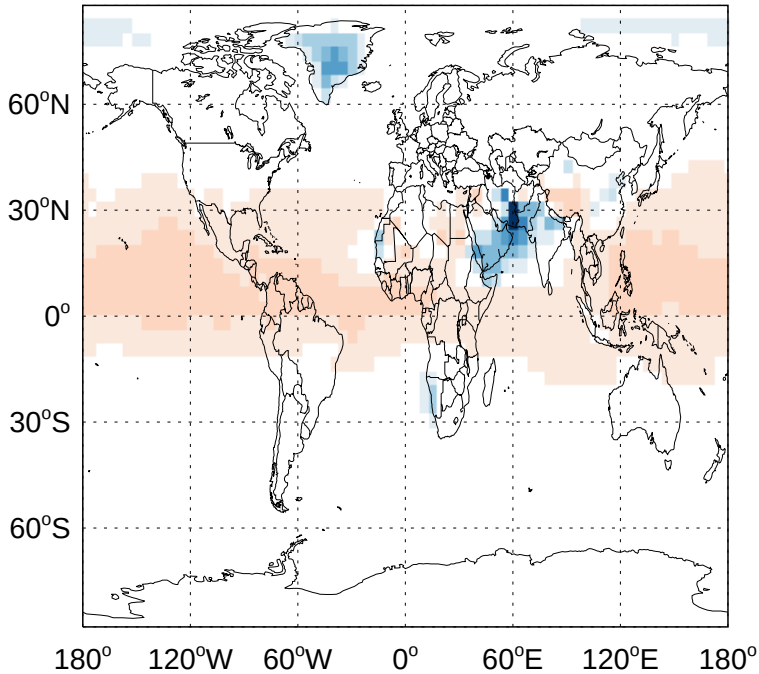
GC_12.4.0 - GC_12.0.0

JBrO - J-Value Diff @ 500 hPa for Jul



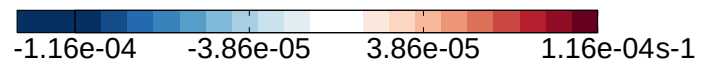
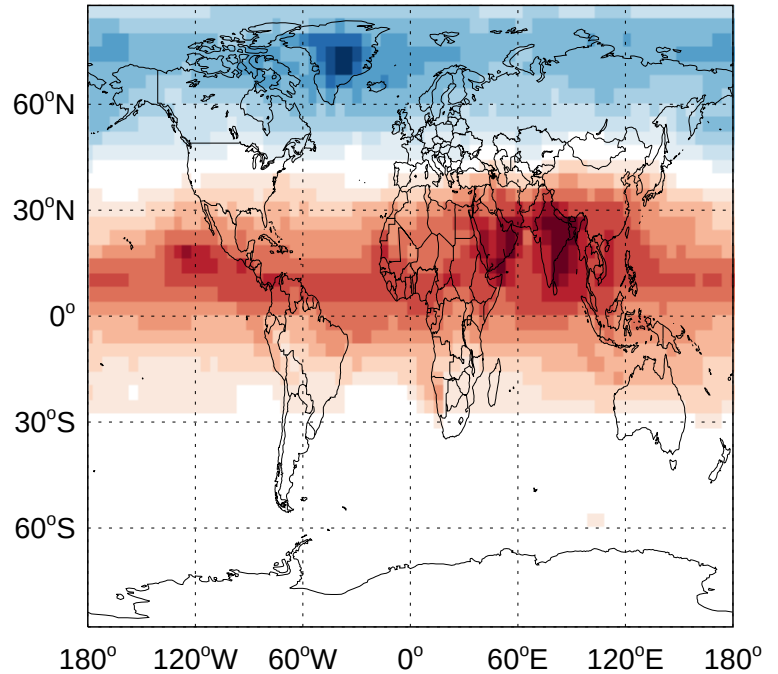
GC_12.4.0 - GC_12.0.0

JHOBr - J-Value Diff @ surface for Jul



GC_12.4.0 - GC_12.0.0

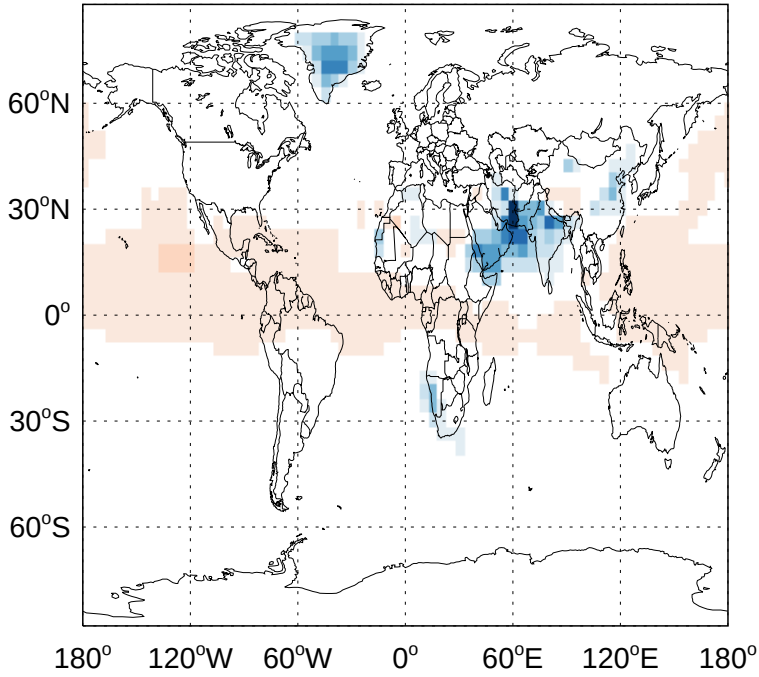
JHOBr - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

GC_12.4.0 - GC_12.0.0

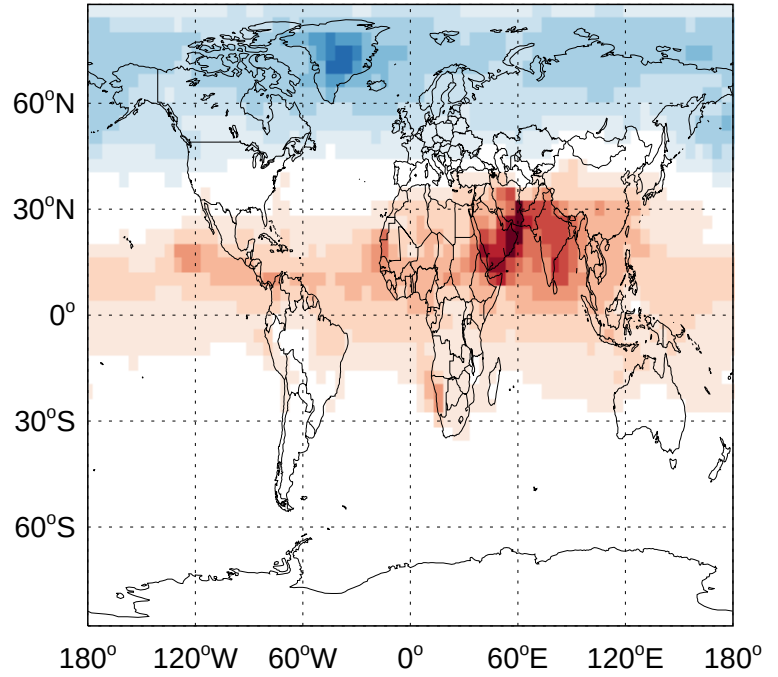
JBrNO₂ - J-Value Diff @ surface for Jul



-2.85e-04 -9.50e-05 9.50e-05 2.85e-04s-1

GC_12.4.0 - GC_12.0.0

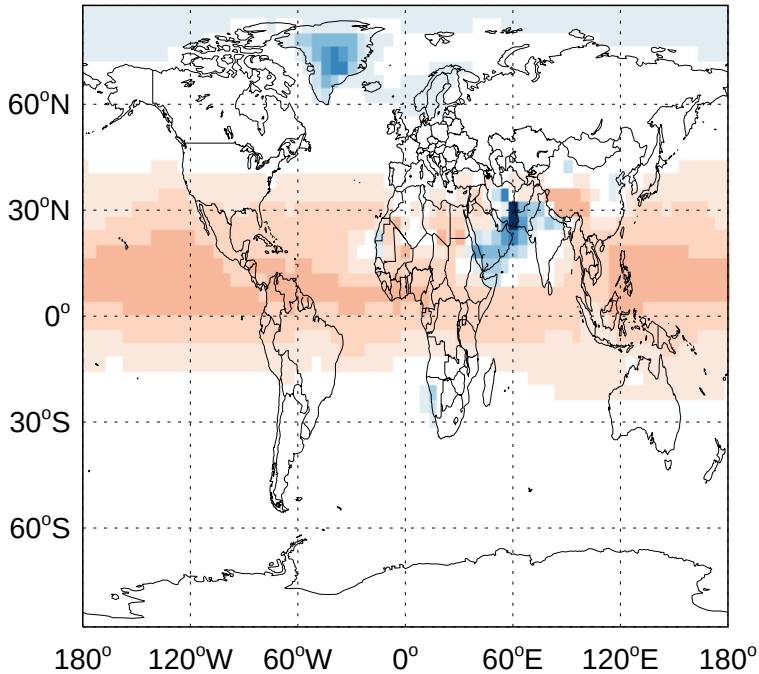
JBrNO₂ - J-Value Diff @ 500 hPa for Jul



-3.22e-04 -1.07e-04 1.07e-04 3.22e-04s-1

GC_12.4.0 - GC_12.0.0

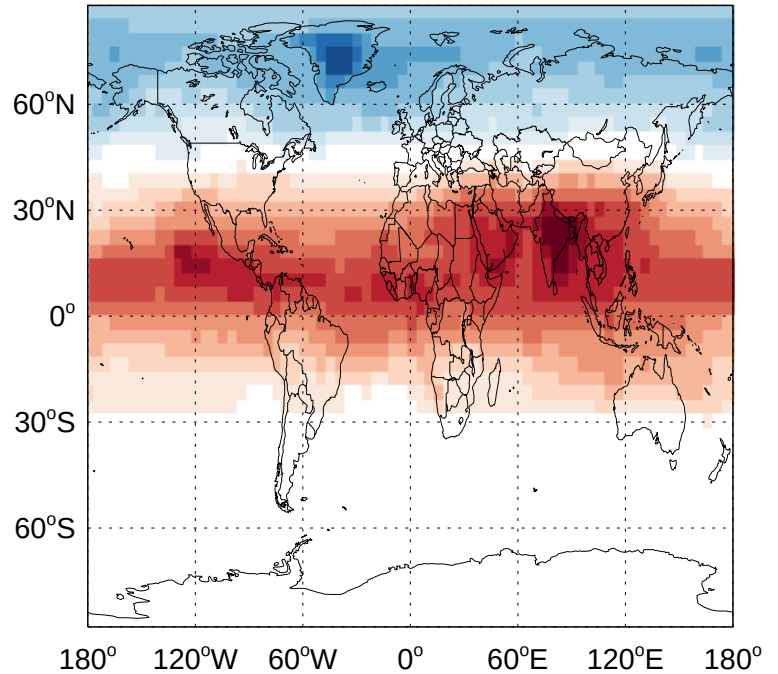
JBrNO₃ - J-Value Diff @ surface for Jul



-1.09e-04 -3.64e-05 3.64e-05 1.09e-04s-1

GC_12.4.0 - GC_12.0.0

JBrNO₃ - J-Value Diff @ 500 hPa for Jul

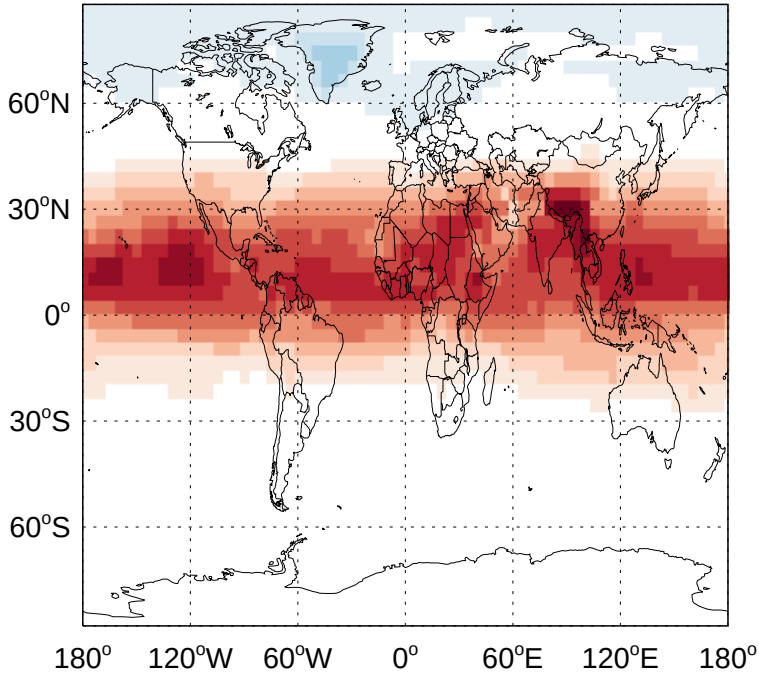


-9.75e-05 -3.25e-05 3.25e-05 9.75e-05s-1

GEOS-Chem J-Values at surface and 500 hPa

GC_12.4.0 - GC_12.0.0

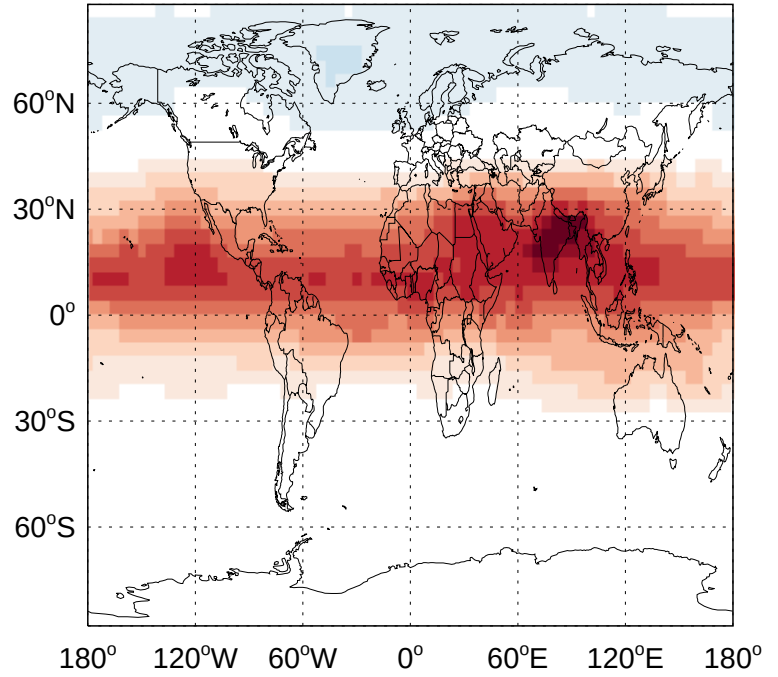
JCHBr3 - J-Value Diff @ surface for Jul



-8.37e-07 -2.79e-07 2.79e-07 8.37e-07s-1

GC_12.4.0 - GC_12.0.0

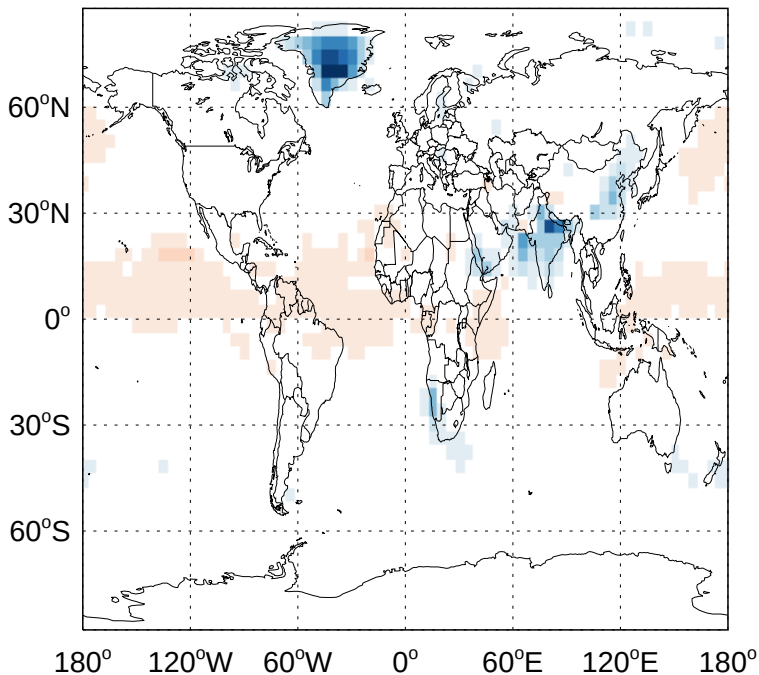
JCHBr3 - J-Value Diff @ 500 hPa for Jul



-1.33e-06 -4.43e-07 4.43e-07 1.33e-06s-1

GC_12.4.0 - GC_12.0.0

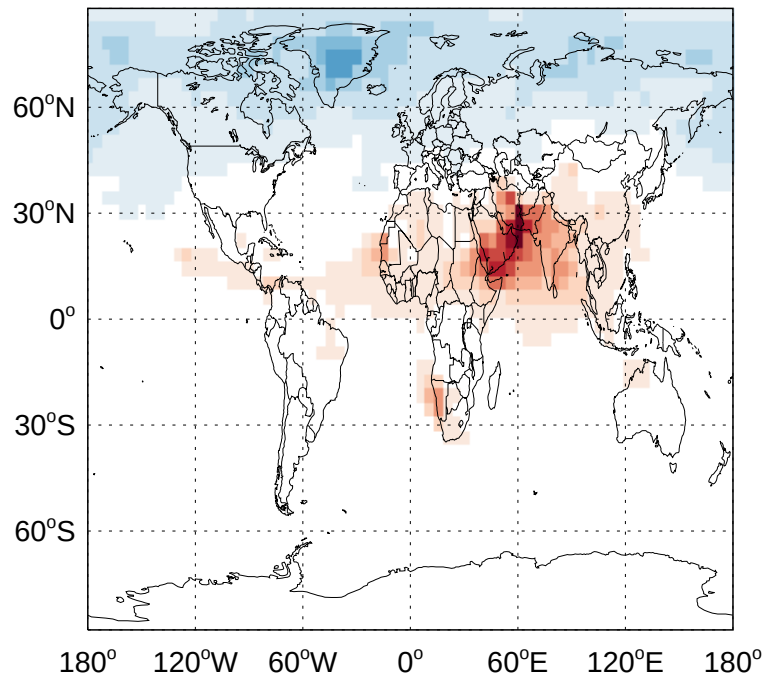
JBr2 - J-Value Diff @ surface for Jul



-1.03e-03 -3.44e-04 3.44e-04 1.03e-03s-1

GC_12.4.0 - GC_12.0.0

JBr2 - J-Value Diff @ 500 hPa for Jul

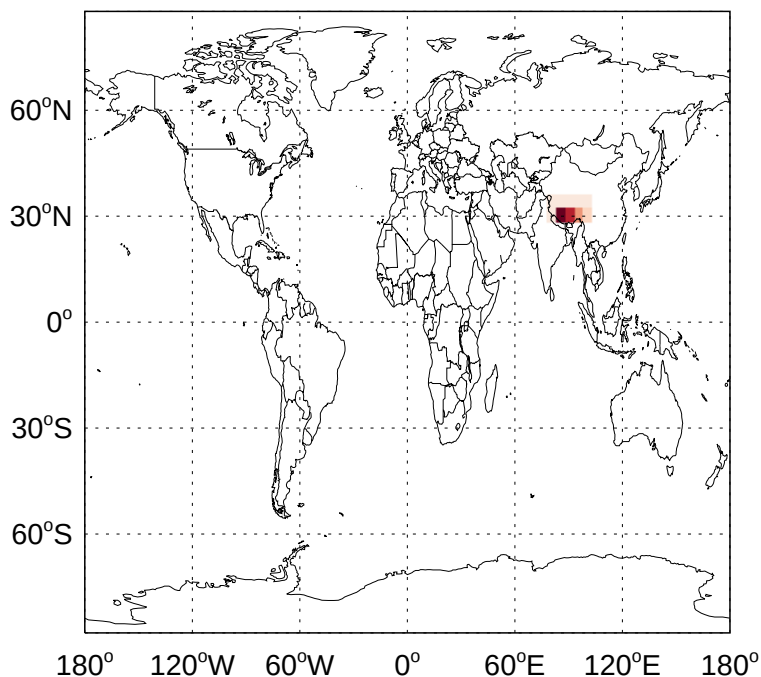


-2.21e-03 -7.35e-04 7.35e-04 2.21e-03s-1

GEOS-Chem J-Values at surface and 500 hPa

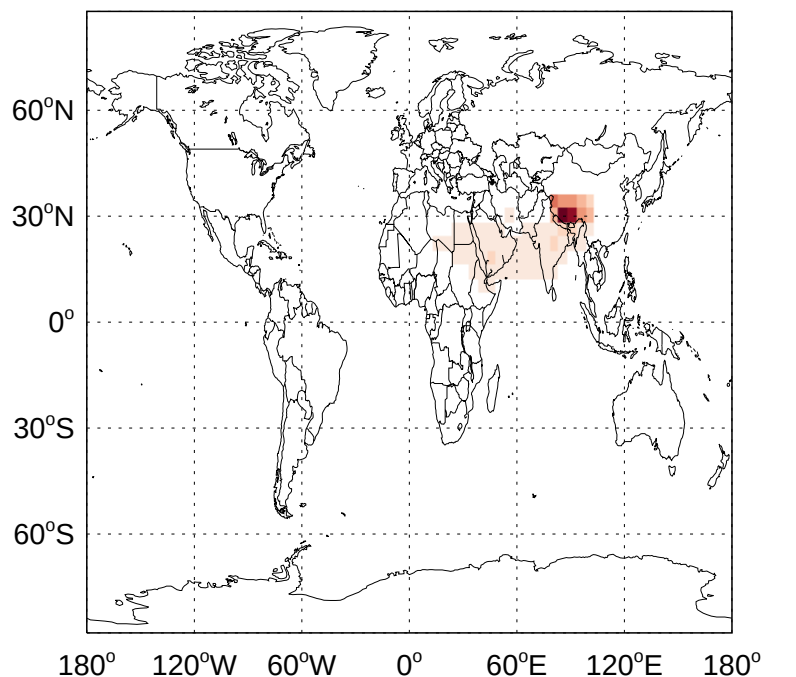
GC_12.4.0 - GC_12.0.0

JO2 - J-Value Diff @ surface for Jul



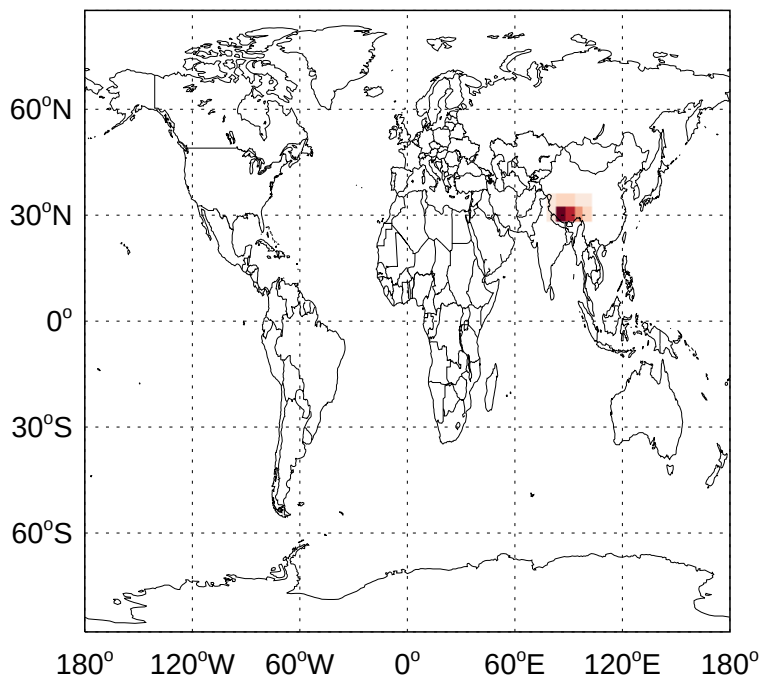
GC_12.4.0 - GC_12.0.0

JO2 - J-Value Diff @ 500 hPa for Jul



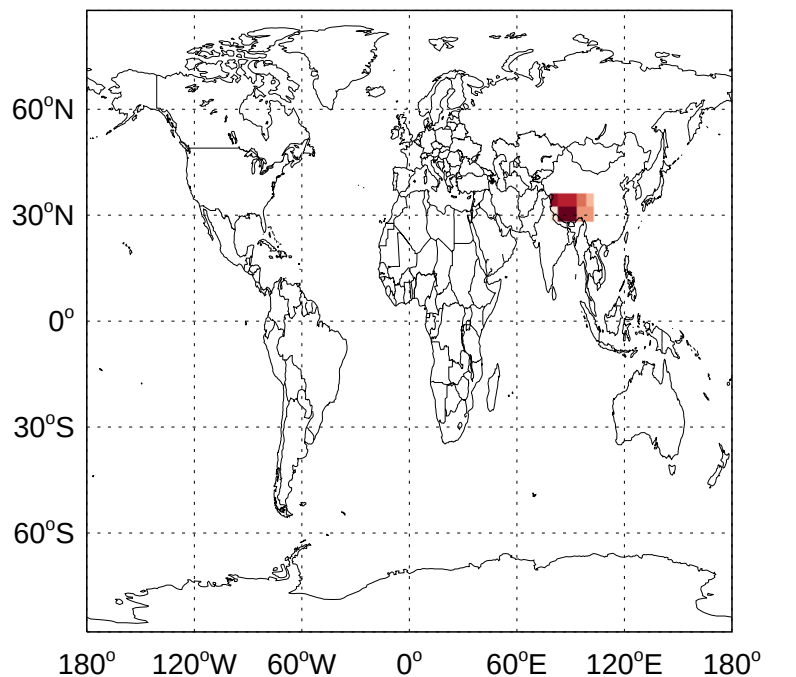
GC_12.4.0 - GC_12.0.0

JN2O - J-Value Diff @ surface for Jul



GC_12.4.0 - GC_12.0.0

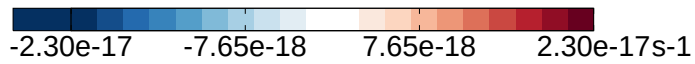
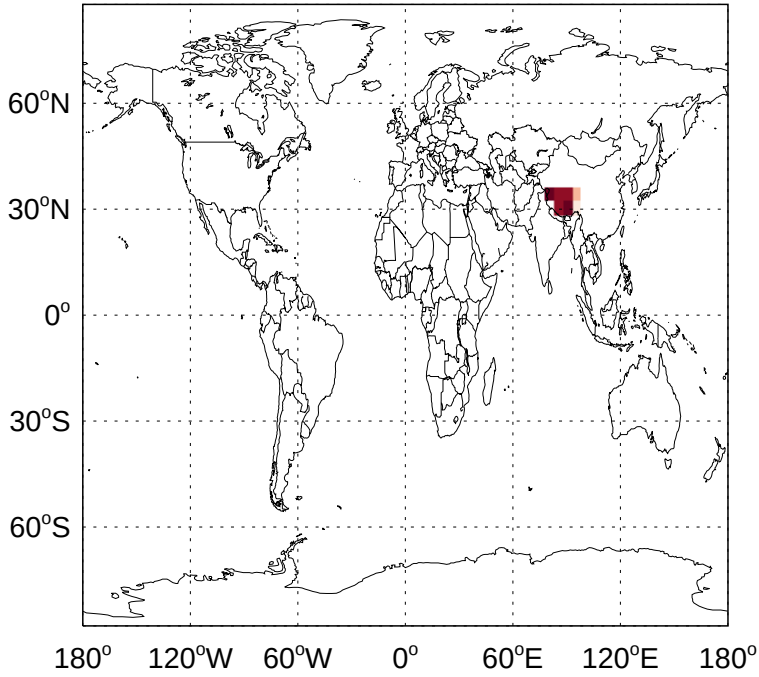
JN2O - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

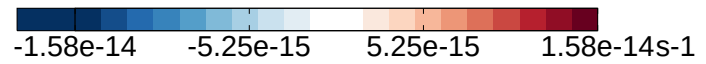
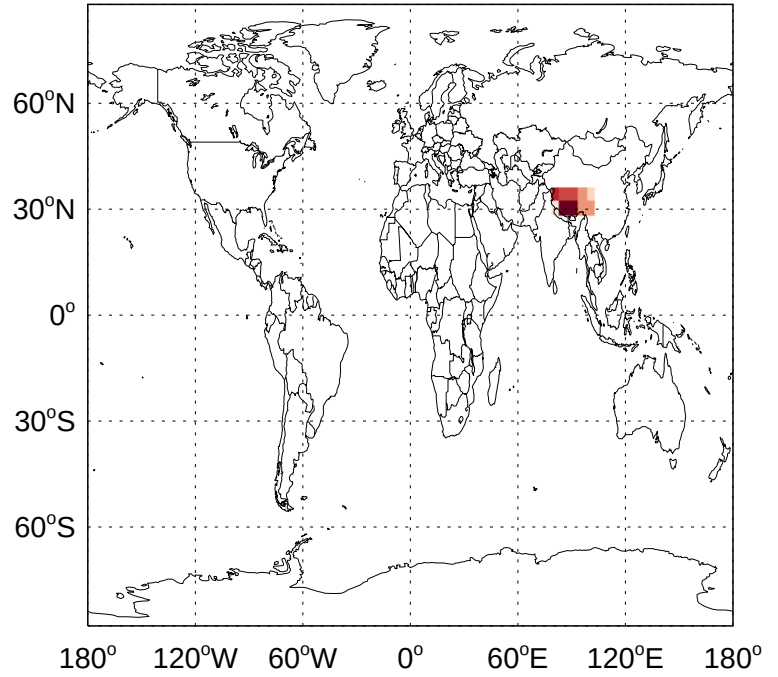
GC_12.4.0 - GC_12.0.0

JNO - J-Value Diff @ surface for Jul



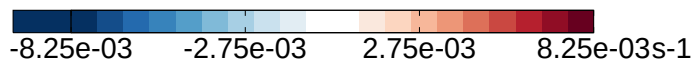
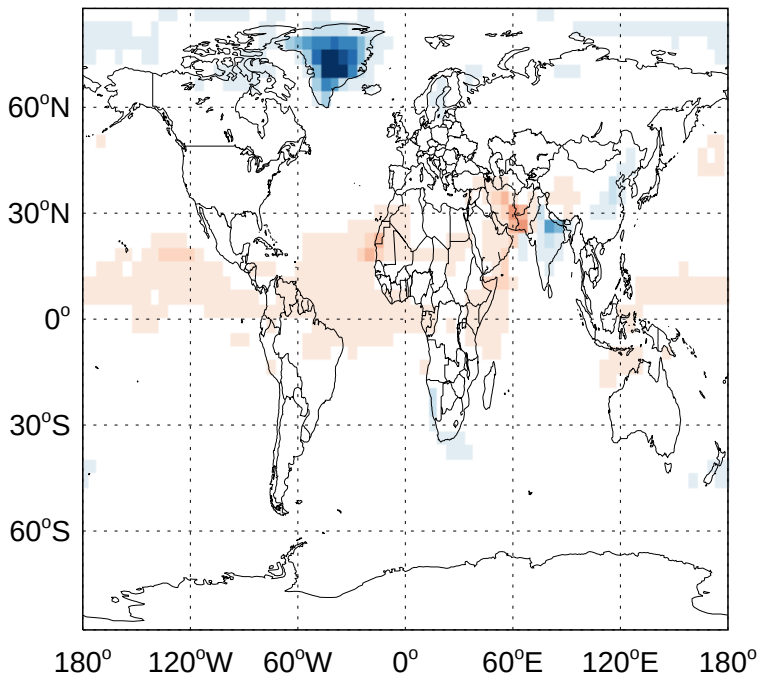
GC_12.4.0 - GC_12.0.0

JNO - J-Value Diff @ 500 hPa for Jul



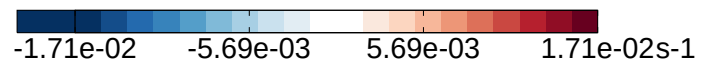
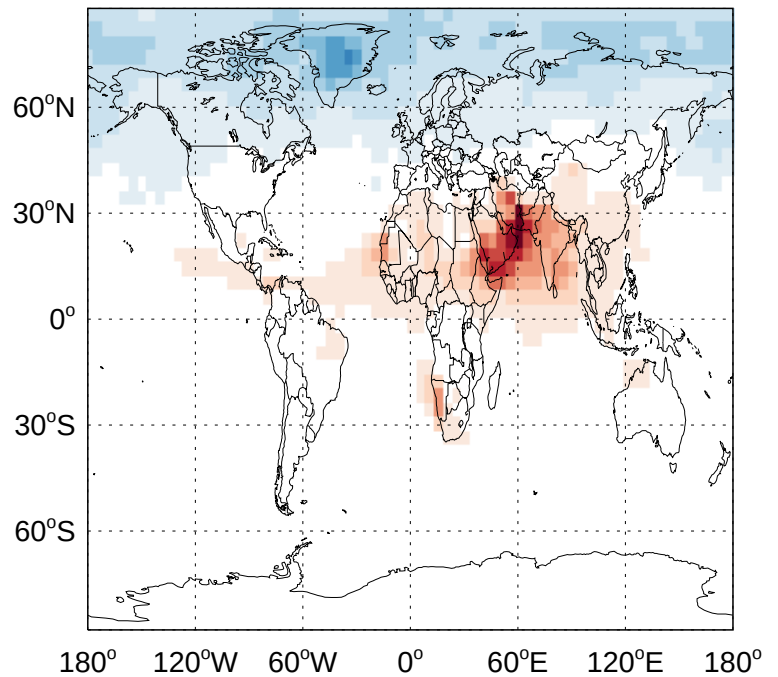
GC_12.4.0 - GC_12.0.0

JNO3 - J-Value Diff @ surface for Jul



GC_12.4.0 - GC_12.0.0

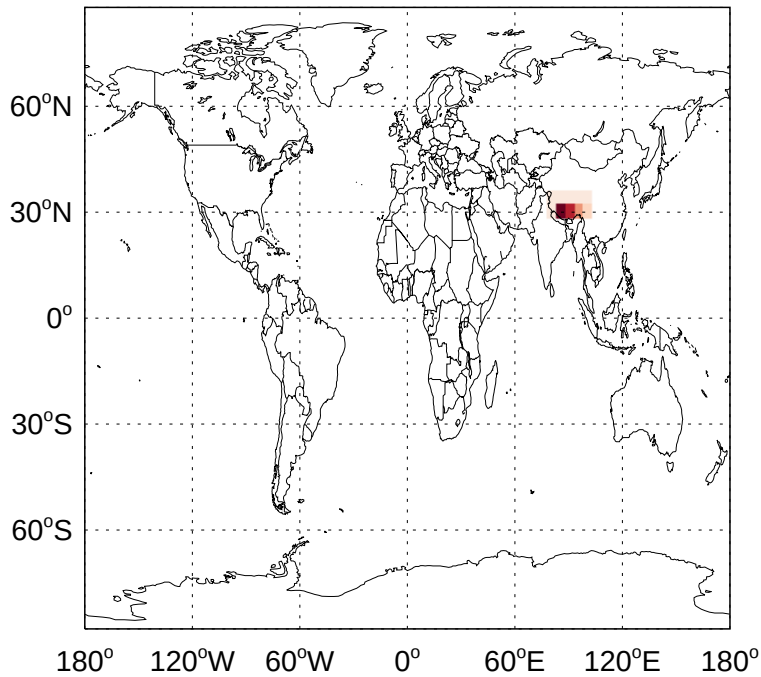
JNO3 - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

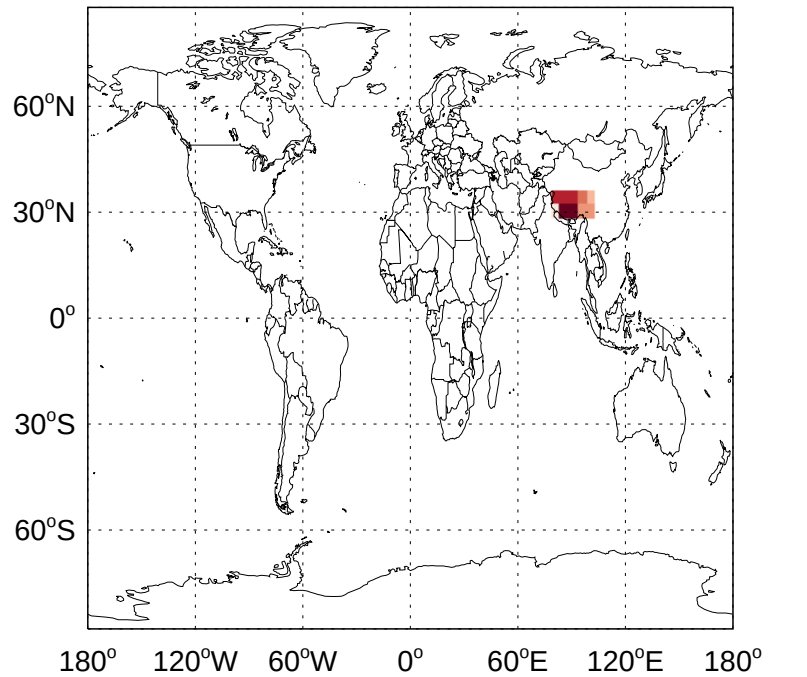
GC_12.4.0 - GC_12.0.0

JCFC11 - J-Value Diff @ surface for Jul



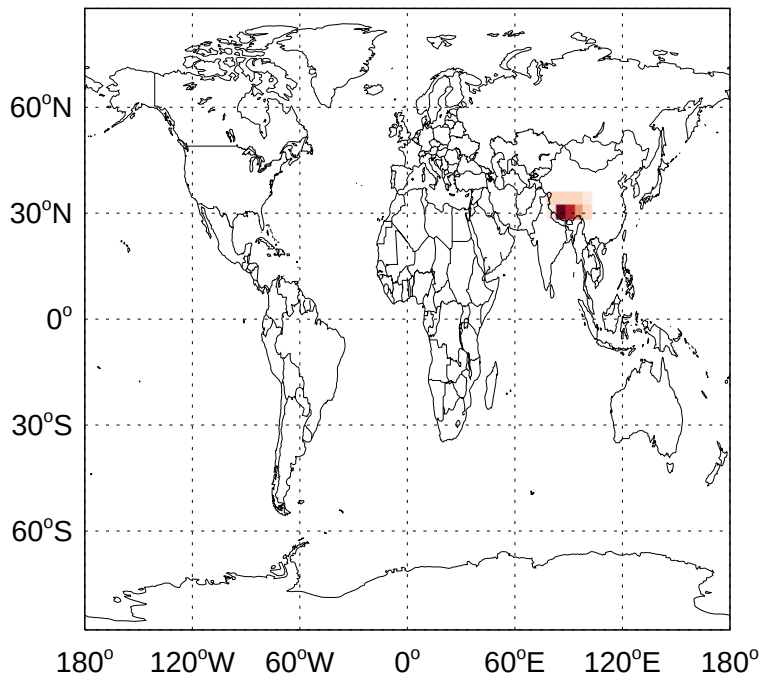
GC_12.4.0 - GC_12.0.0

JCFC11 - J-Value Diff @ 500 hPa for Jul



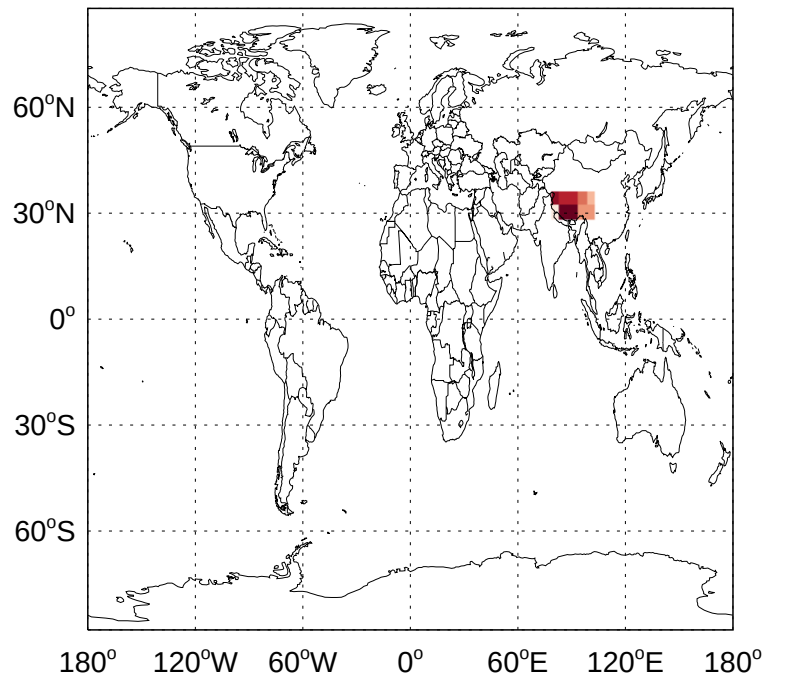
GC_12.4.0 - GC_12.0.0

JCFC12 - J-Value Diff @ surface for Jul



GC_12.4.0 - GC_12.0.0

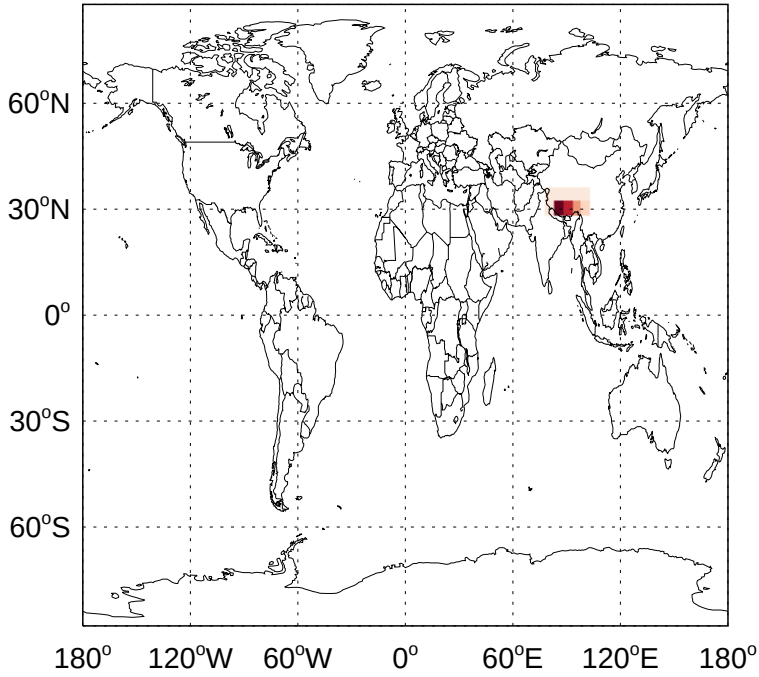
JCFC12 - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

GC_12.4.0 - GC_12.0.0

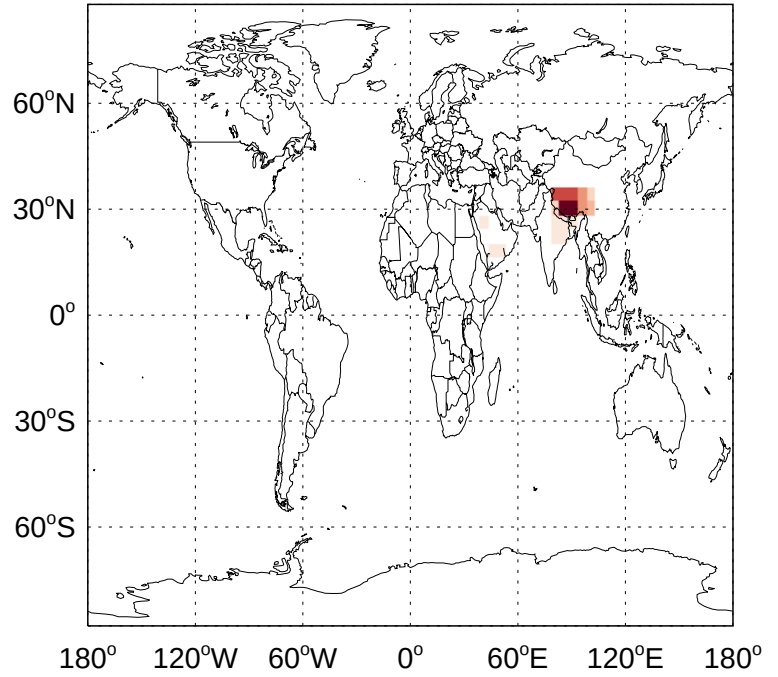
JCCI4 - J-Value Diff @ surface for Jul



-1.37e-13 -4.57e-14 4.57e-14 1.37e-13s-1

GC_12.4.0 - GC_12.0.0

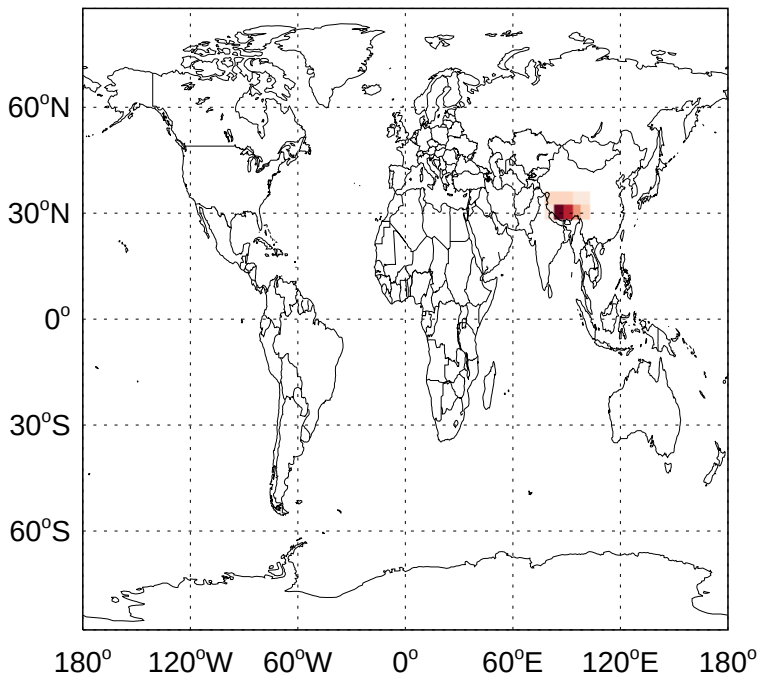
JCCI4 - J-Value Diff @ 500 hPa for Jul



-2.30e-12 -7.66e-13 7.66e-13 2.30e-12s-1

GC_12.4.0 - GC_12.0.0

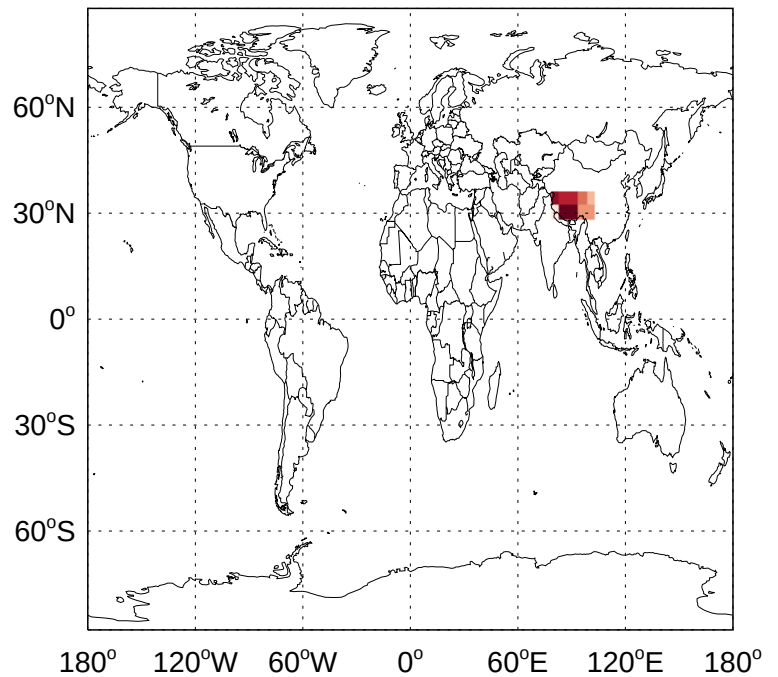
JCH3Cl - J-Value Diff @ surface for Jul



-1.09e-16 -3.65e-17 3.65e-17 1.09e-16s-1

GC_12.4.0 - GC_12.0.0

JCH3Cl - J-Value Diff @ 500 hPa for Jul

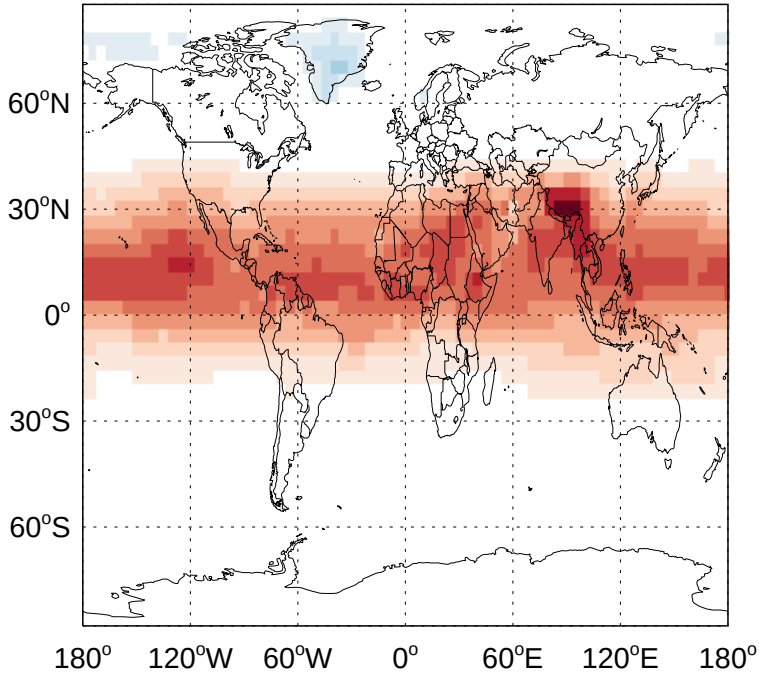


-1.15e-14 -3.82e-15 3.82e-15 1.15e-14s-1

GEOS-Chem J-Values at surface and 500 hPa

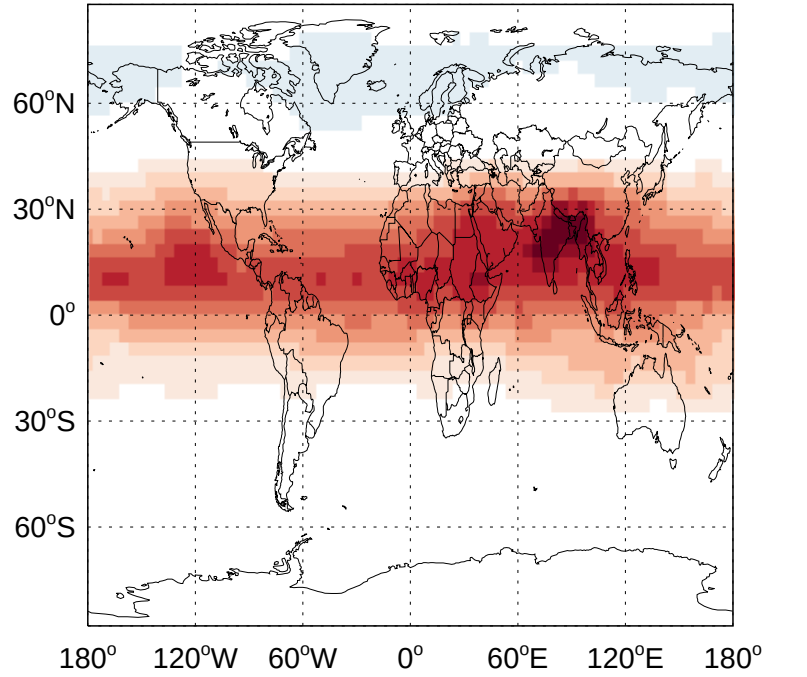
GC_12.4.0 - GC_12.0.0

JACET - J-Value Diff @ surface for Jul



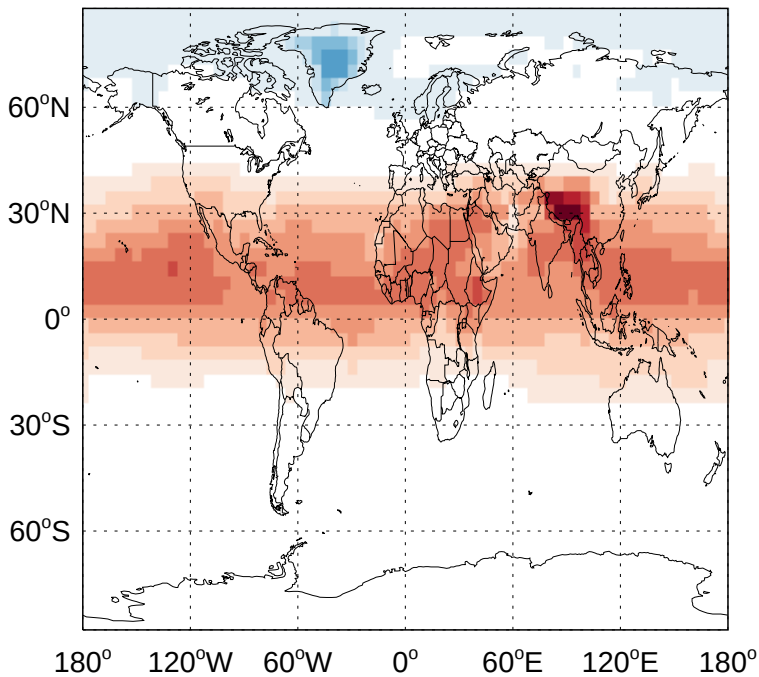
GC_12.4.0 - GC_12.0.0

JACET - J-Value Diff @ 500 hPa for Jul



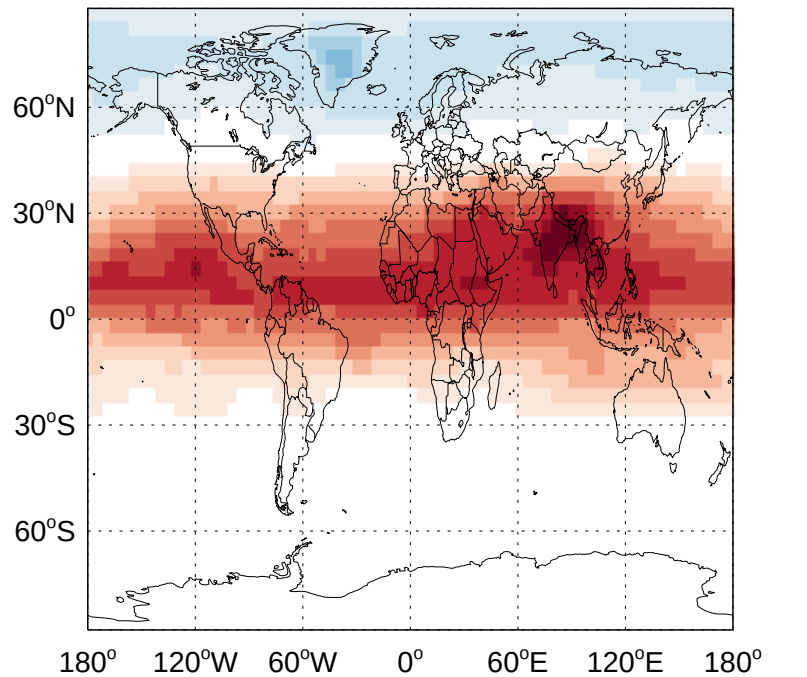
GC_12.4.0 - GC_12.0.0

JALD2 - J-Value Diff @ surface for Jul



GC_12.4.0 - GC_12.0.0

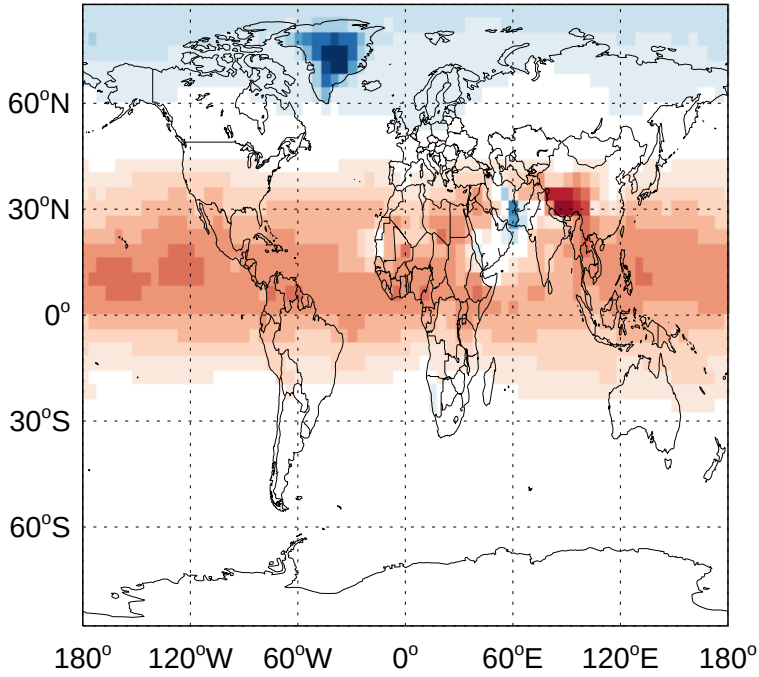
JALD2 - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

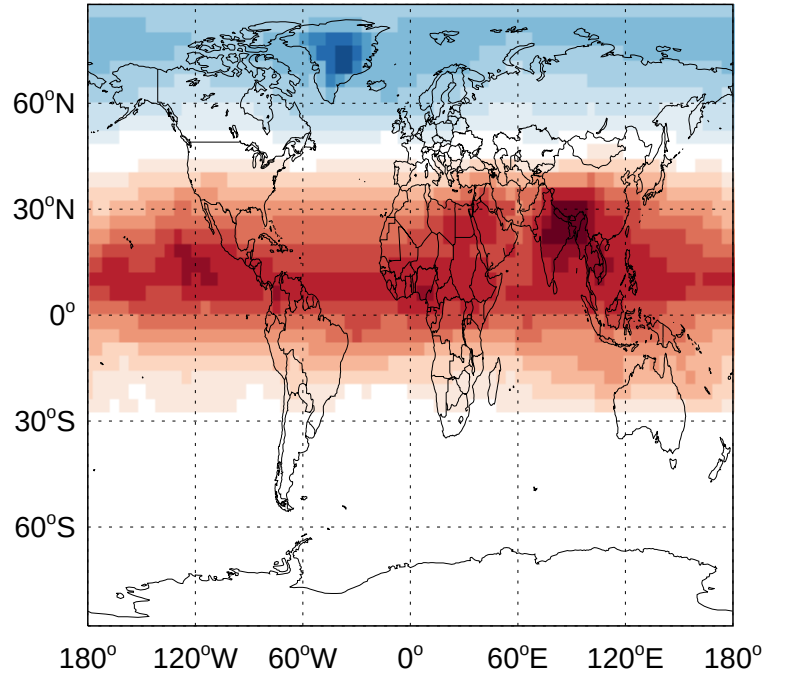
GC_12.4.0 - GC_12.0.0

JMVK - J-Value Diff @ surface for Jul



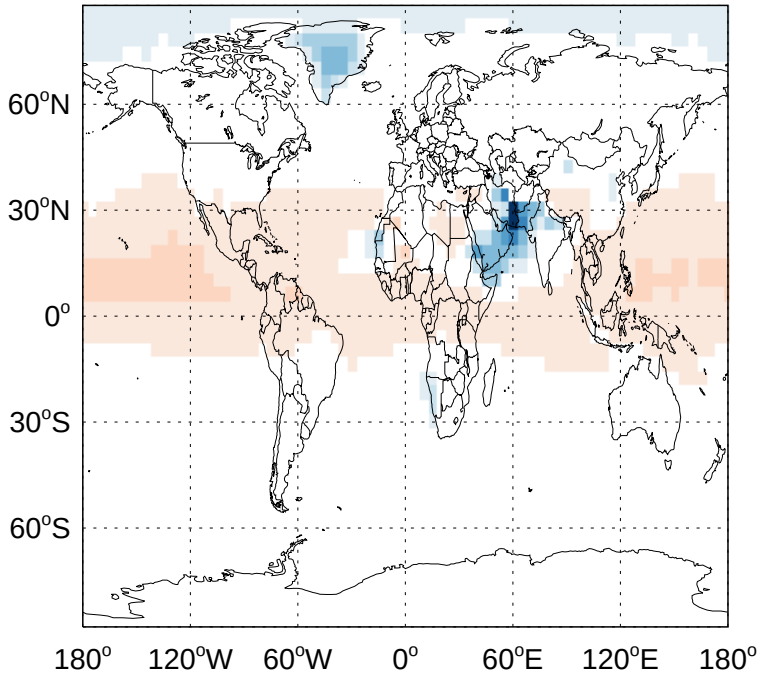
GC_12.4.0 - GC_12.0.0

JMVK - J-Value Diff @ 500 hPa for Jul



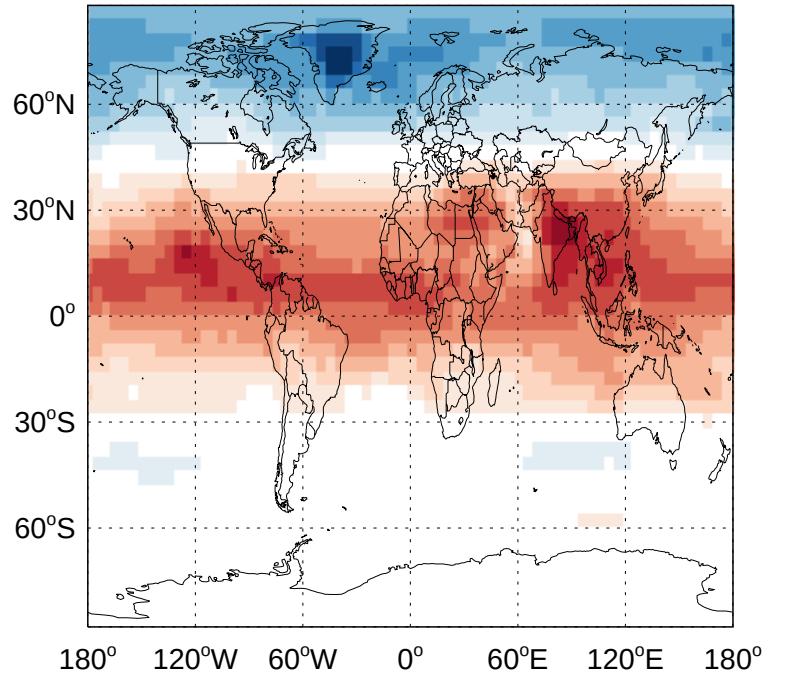
GC_12.4.0 - GC_12.0.0

JMACR - J-Value Diff @ surface for Jul



GC_12.4.0 - GC_12.0.0

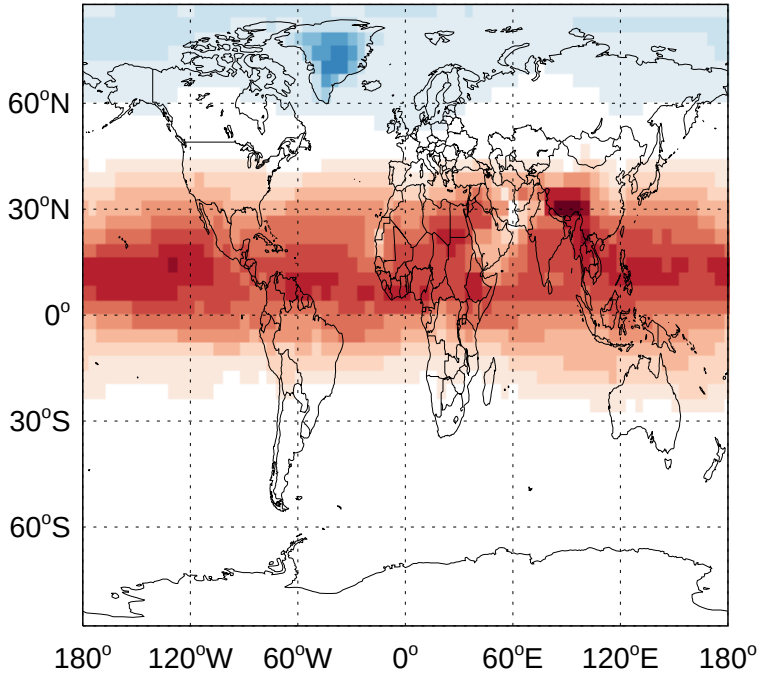
JMACR - J-Value Diff @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

GC_12.4.0 - GC_12.0.0

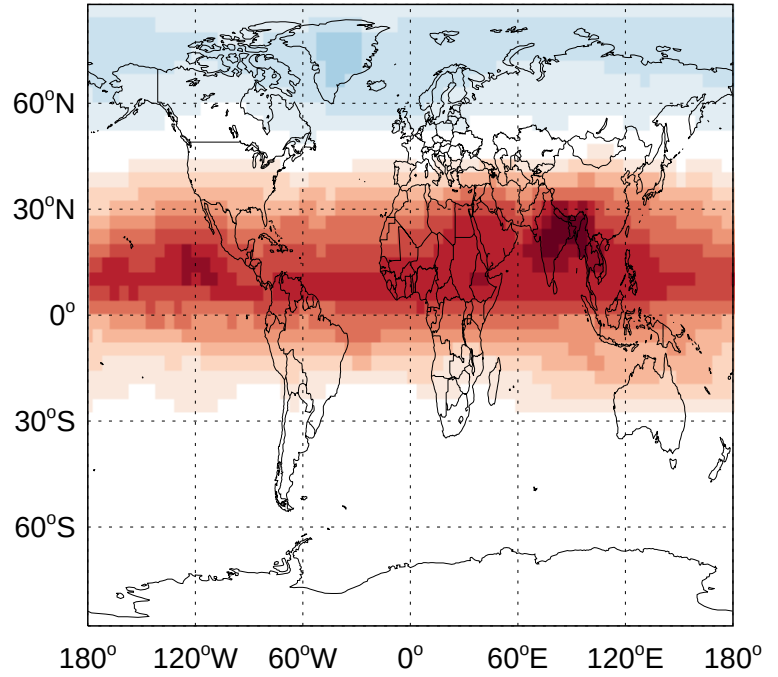
JHAC - J-Value Diff @ surface for Jul



-8.18e-07 -2.73e-07 2.73e-07 8.18e-07s-1

GC_12.4.0 - GC_12.0.0

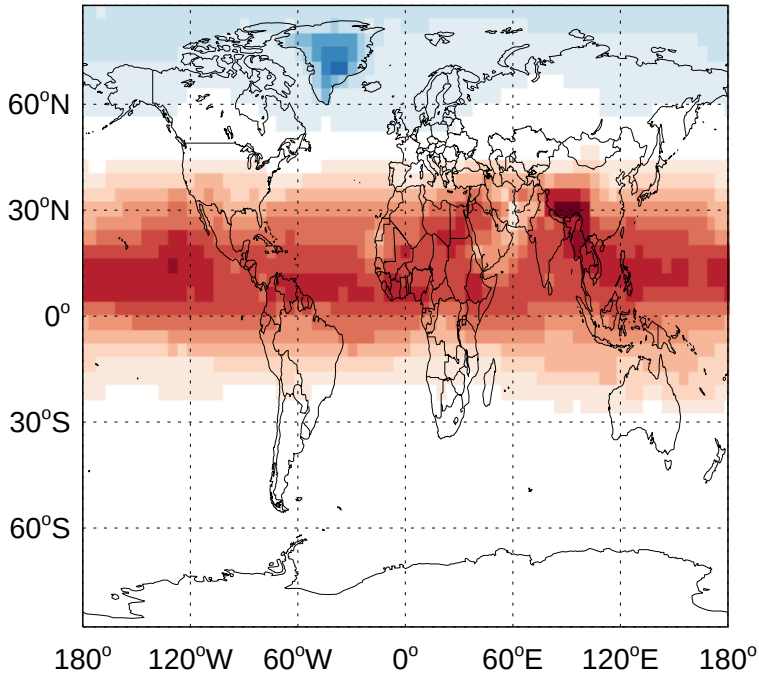
JHAC - J-Value Diff @ 500 hPa for Jul



-1.51e-06 -5.04e-07 5.04e-07 1.51e-06s-1

GC_12.4.0 - GC_12.0.0

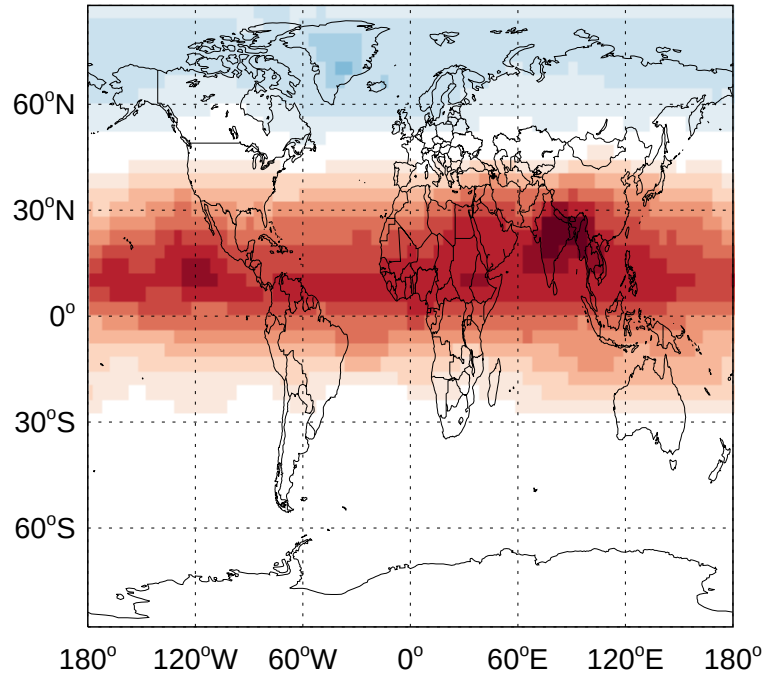
JGLYC - J-Value Diff @ surface for Jul



-5.76e-06 -1.92e-06 1.92e-06 5.76e-06s-1

GC_12.4.0 - GC_12.0.0

JGLYC - J-Value Diff @ 500 hPa for Jul



-1.06e-05 -3.54e-06 3.54e-06 1.06e-05s-1