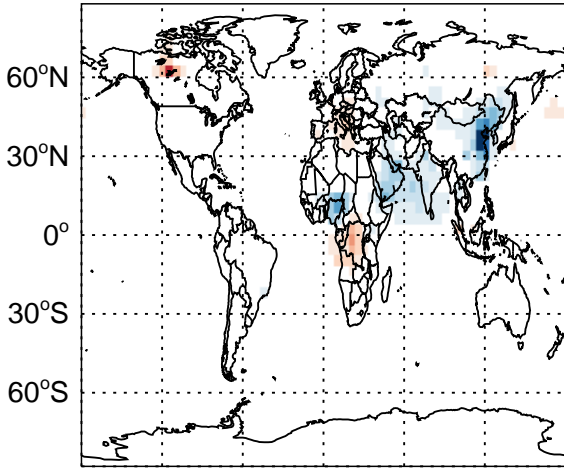


GEOS-Chem J-Values at surface and 500 hPa

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

JNO2 - J-Value Diff @ surface for Jul

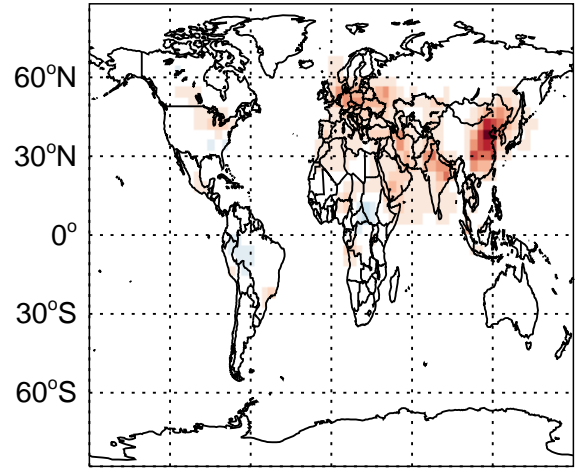


180° 120°W 60°W 0° 60°E 120°E 180°

-3.31e-04 -1.10e-04 1.10e-04 3.31e-04

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

JNO2 - J-Value Diff @ 500 hPa for Jul

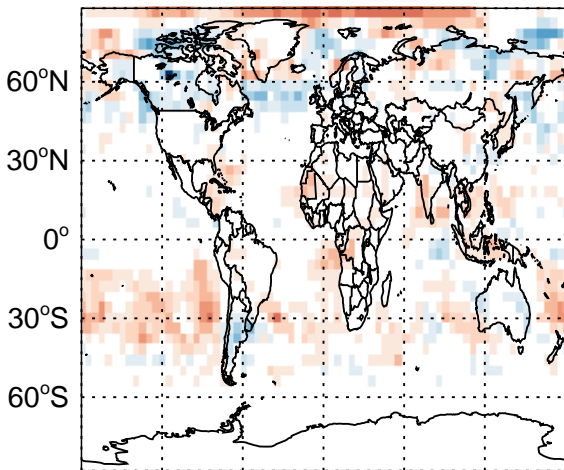


180° 120°W 60°W 0° 60°E 120°E 180°

-6.01e-04 -2.00e-04 2.00e-04 6.01e-04

v11-02f-Run0 - v11-02e-Run0

JNO2 - J-Value Diff @ surface for Jul

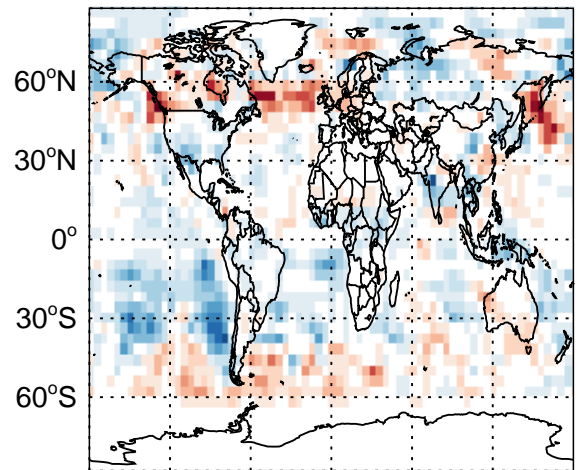


180° 120°W 60°W 0° 60°E 120°E 180°

-1.97e-03 -6.57e-04 6.57e-04 1.97e-03

v11-02f-Run0 - v11-02e-Run0

JNO2 - J-Value Diff @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°

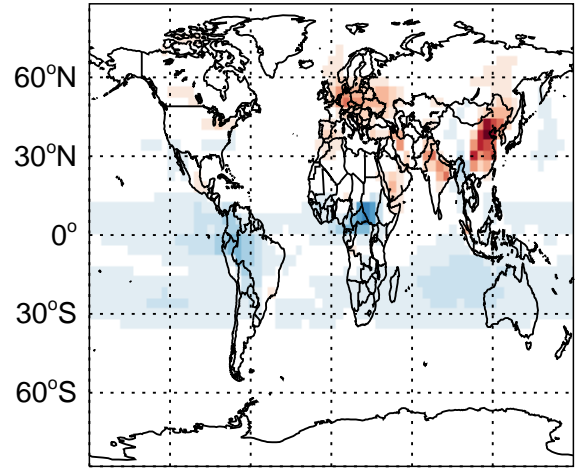
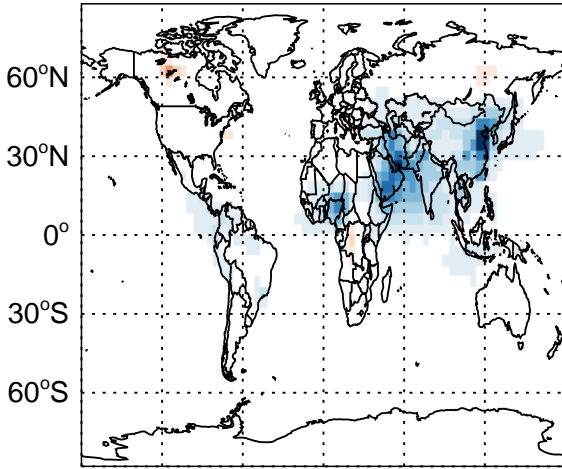
-2.26e-03 -7.53e-04 7.53e-04 2.26e-03

GEOS-Chem J-Values at surface and 500 hPa

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

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

JHNO3 - J-Value Diff @ surface for Jul JHNO3 - J-Value Diff @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

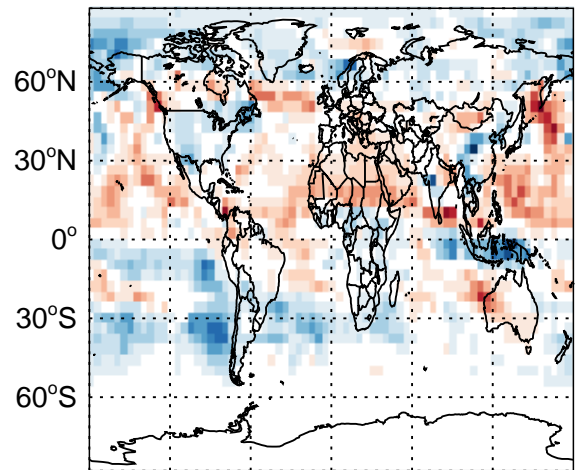
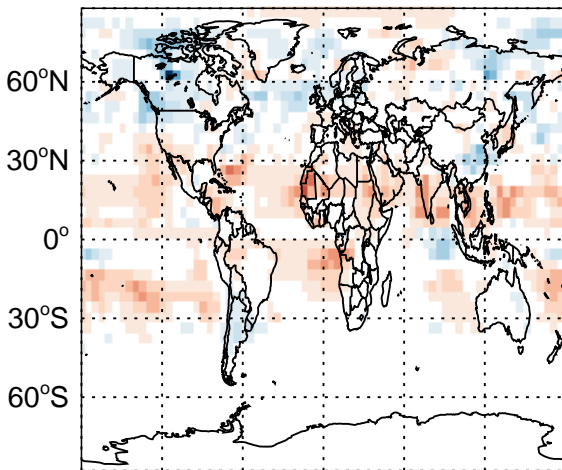
-3.69e-08 -1.23e-08 1.23e-08 3.69e-08

-2.59e-08 -8.65e-09 8.65e-09 2.59e-08

v11-02f-Run0 - v11-02e-Run0

v11-02f-Run0 - v11-02e-Run0

JHNO3 - J-Value Diff @ surface for Jul JHNO3 - J-Value Diff @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

-1.50e-07 -5.01e-08 5.01e-08 1.50e-07

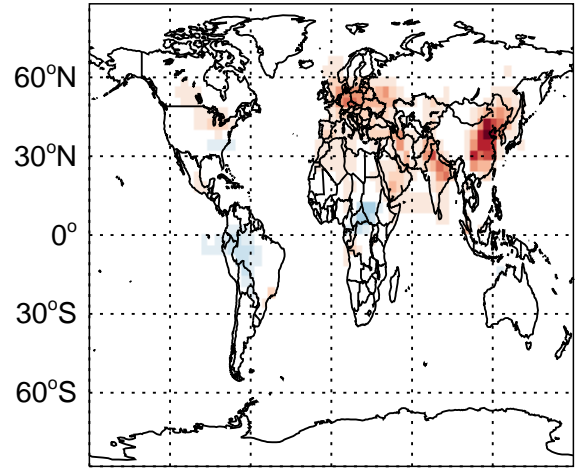
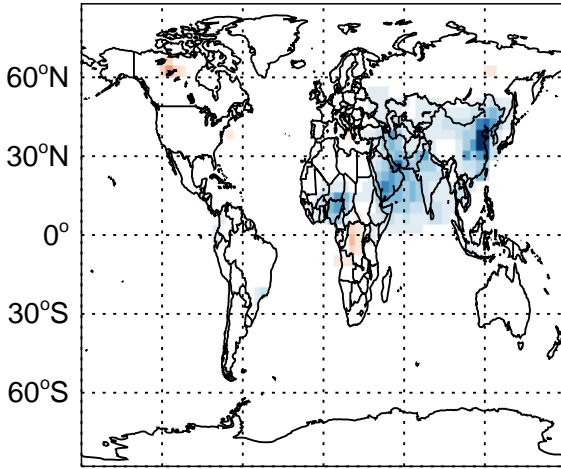
-1.29e-07 -4.29e-08 4.29e-08 1.29e-07

GEOS-Chem J-Values at surface and 500 hPa

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

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

JH2O2 - J-Value Diff @ surface for Jul JH2O2 - J-Value Diff @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

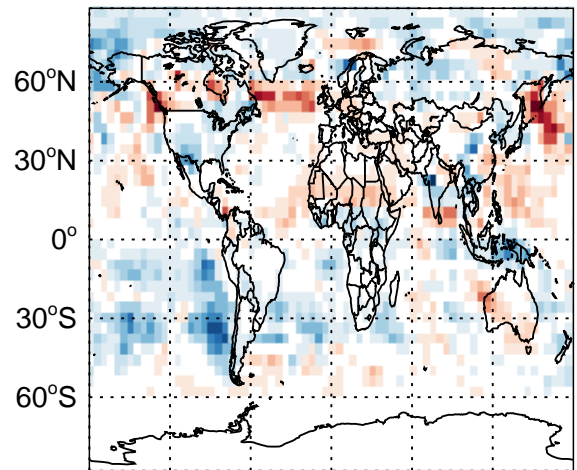
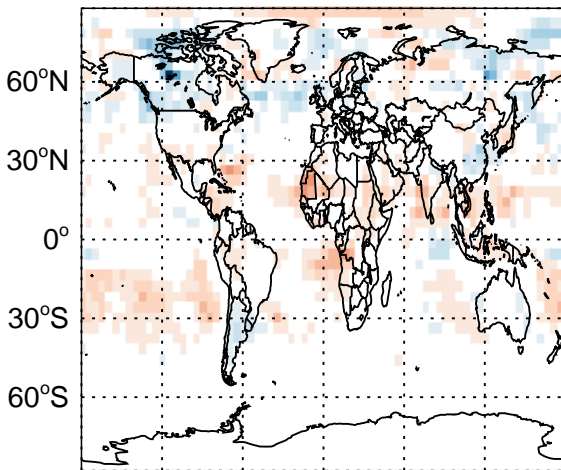
-3.86e-07 -1.29e-07 1.29e-07 3.86e-07

-3.71e-07 -1.24e-07 1.24e-07 3.71e-07

v11-02f-Run0 - v11-02e-Run0

v11-02f-Run0 - v11-02e-Run0

JH2O2 - J-Value Diff @ surface for Jul JH2O2 - J-Value Diff @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

-1.81e-06 -6.04e-07 6.04e-07 1.81e-06

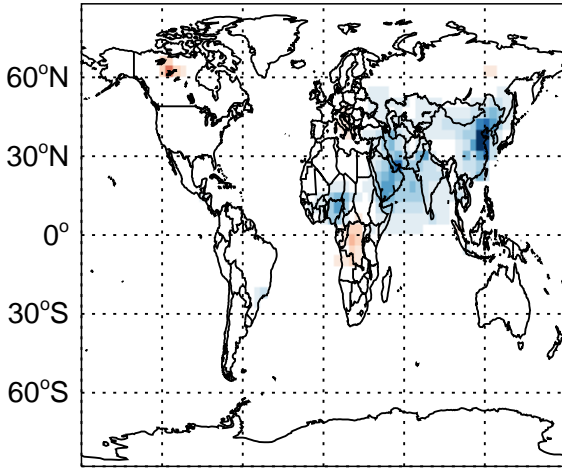
-1.48e-06 -4.94e-07 4.94e-07 1.48e-06

GEOS-Chem J-Values at surface and 500 hPa

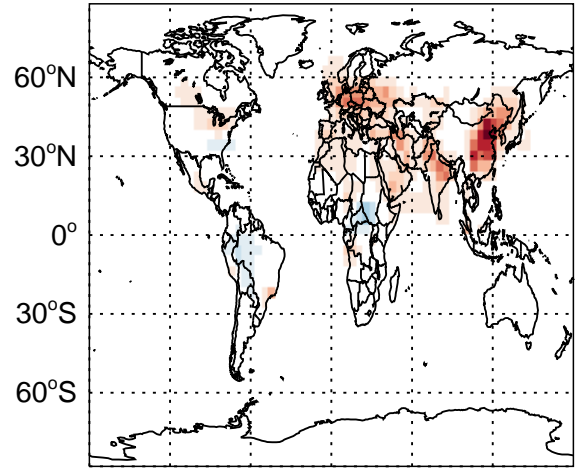
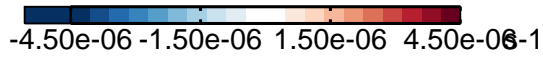
v11-02f-Run0 - v11-02e-Run1

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

JCH2O - J-Value Diff @ surface for Jul JCH2O - J-Value Diff @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°



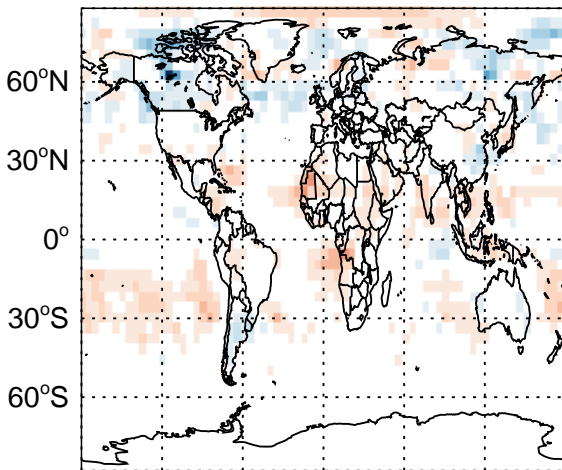
180° 120°W 60°W 0° 60°E 120°E 180°



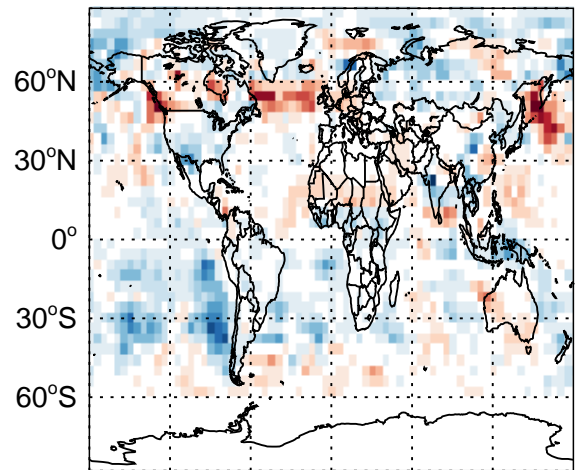
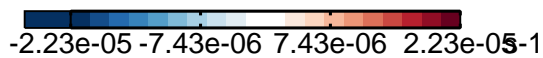
v11-02f-Run0 - v11-02e-Run0

v11-02f-Run0 - v11-02e-Run0

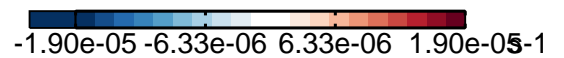
JCH2O - J-Value Diff @ surface for Jul JCH2O - J-Value Diff @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°



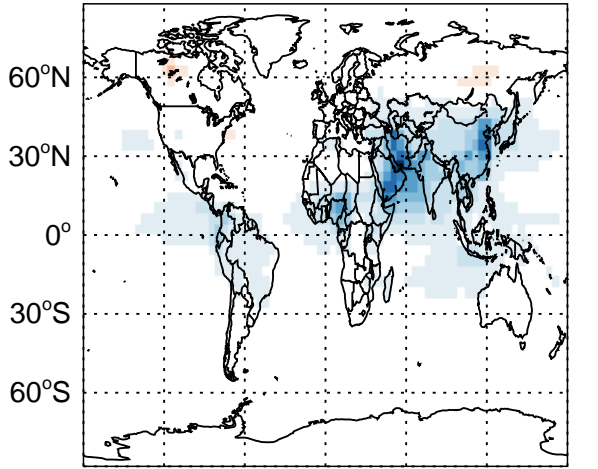
180° 120°W 60°W 0° 60°E 120°E 180°



GEOS-Chem J-Values at surface and 500 hPa

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

JO3_O1D - J-Value Diff @ surface for Jul

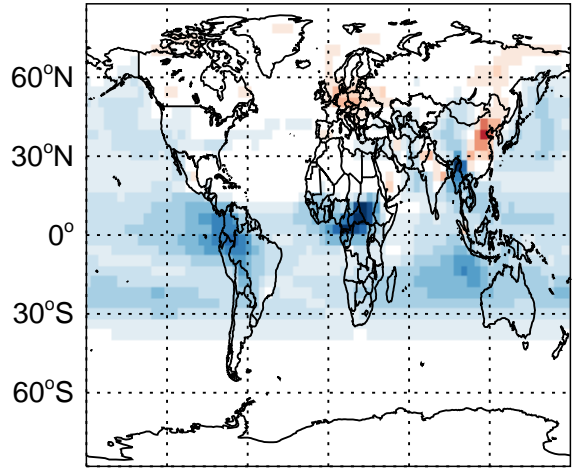


180° 120°W 60°W 0° 60°E 120°E 180°

-2.59e-06 -8.65e-07 8.65e-07 2.59e-06

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

JO3_O1D - J-Value Diff @ 500 hPa for Jul

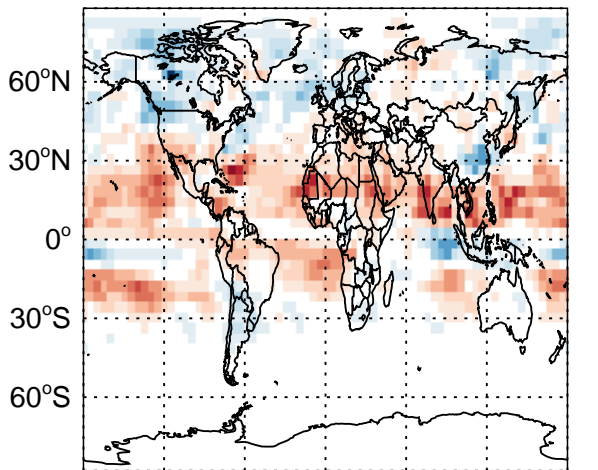


180° 120°W 60°W 0° 60°E 120°E 180°

-1.28e-06 -4.28e-07 4.28e-07 1.28e-06

v11-02f-Run0 - v11-02e-Run0

JO3_O1D - J-Value Diff @ surface for Jul

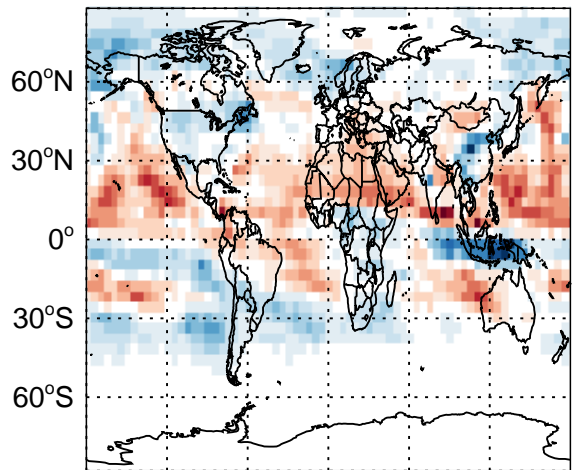


180° 120°W 60°W 0° 60°E 120°E 180°

-6.98e-06 -2.33e-06 2.33e-06 6.98e-06

v11-02f-Run0 - v11-02e-Run0

JO3_O1D - J-Value Diff @ 500 hPa for Jul



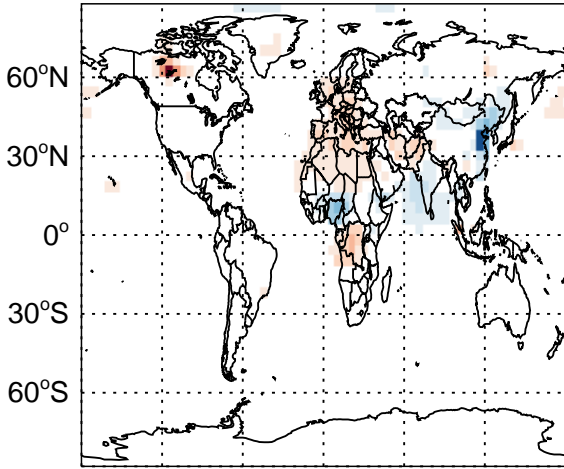
180° 120°W 60°W 0° 60°E 120°E 180°

-8.73e-06 -2.91e-06 2.91e-06 8.73e-06

GEOS-Chem J-Values at surface and 500 hPa

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

JO3_O3P - J-Value Diff @ surface for Jul

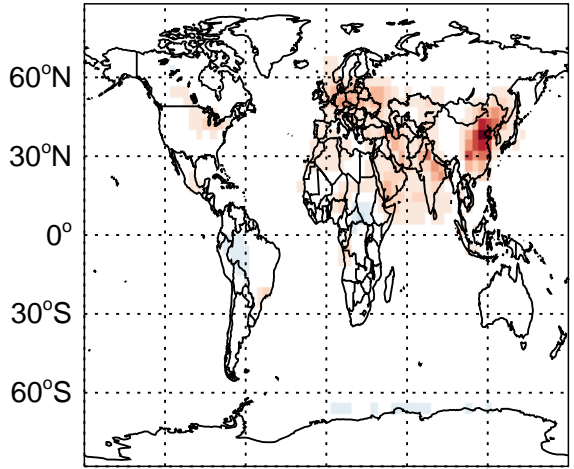


180° 120°W 60°W 0° 60°E 120°E 180°

-9.97e-06 -3.32e-06 3.32e-06 9.97e-06

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

JO3_O3P - J-Value Diff @ 500 hPa for Jul

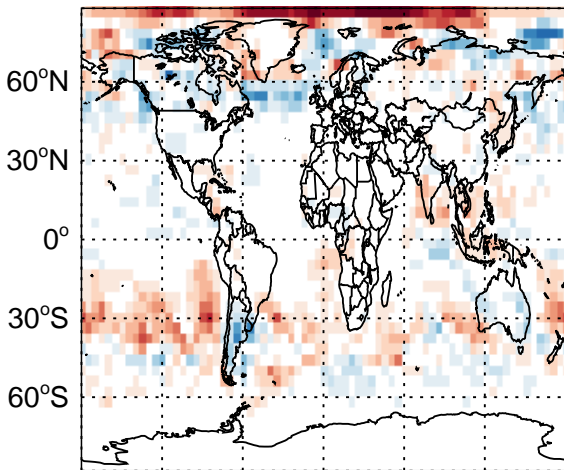


180° 120°W 60°W 0° 60°E 120°E 180°

-2.44e-05 -8.15e-06 8.15e-06 2.44e-05

v11-02f-Run0 - v11-02e-Run0

JO3_O3P - J-Value Diff @ surface for Jul

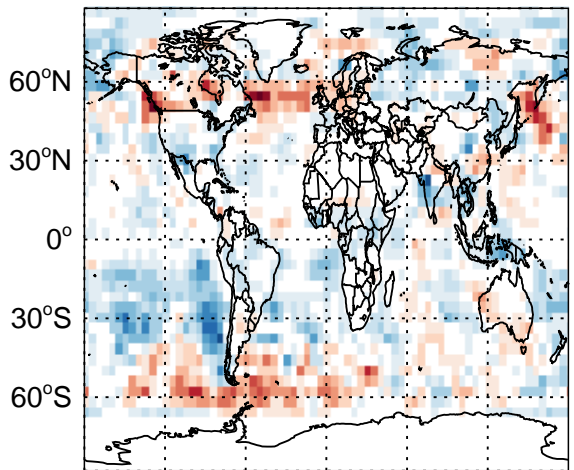


180° 120°W 60°W 0° 60°E 120°E 180°

-8.73e-05 -2.91e-05 2.91e-05 8.73e-05

v11-02f-Run0 - v11-02e-Run0

JO3_O3P - J-Value Diff @ 500 hPa for Jul



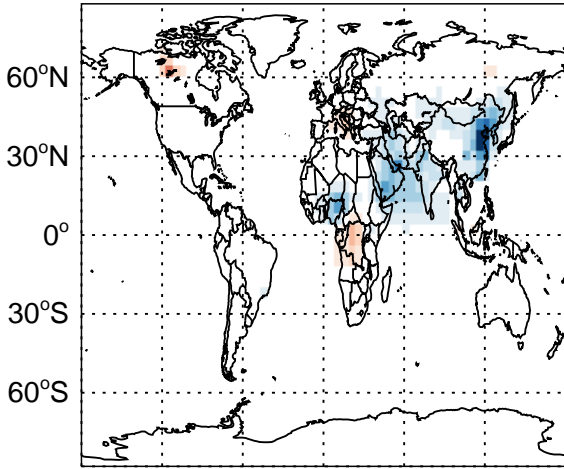
180° 120°W 60°W 0° 60°E 120°E 180°

-1.24e-04 -4.15e-05 4.15e-05 1.24e-04

GEOS-Chem J-Values at surface and 500 hPa

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

JBrO - J-Value Diff @ surface for Jul

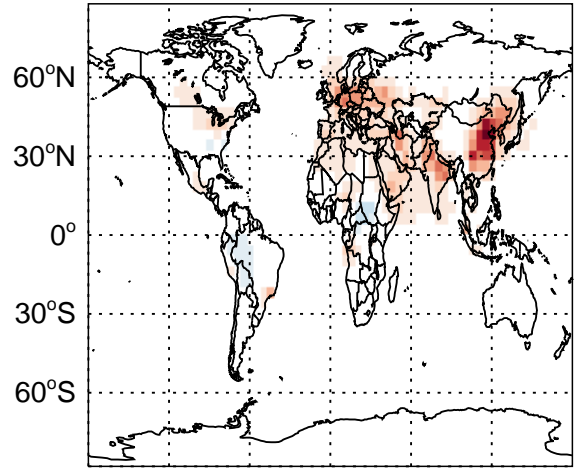


180° 120°W 60°W 0° 60°E 120°E 180°

-1.76e-03 -5.86e-04 5.86e-04 1.76e-03

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

JBrO - J-Value Diff @ 500 hPa for Jul

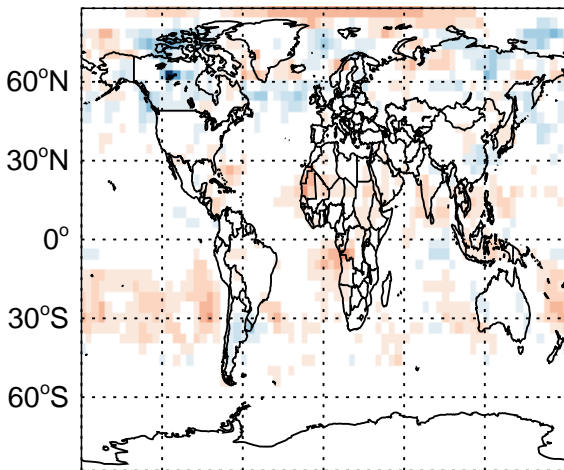


180° 120°W 60°W 0° 60°E 120°E 180°

-2.31e-03 -7.71e-04 7.71e-04 2.31e-03

v11-02f-Run0 - v11-02e-Run0

JBrO - J-Value Diff @ surface for Jul

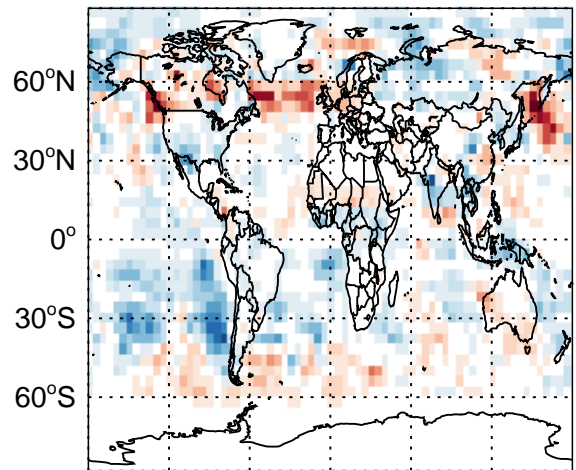


180° 120°W 60°W 0° 60°E 120°E 180°

-9.34e-03 -3.11e-03 3.11e-03 9.34e-03

v11-02f-Run0 - v11-02e-Run0

JBrO - J-Value Diff @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°

-8.82e-03 -2.94e-03 2.94e-03 8.82e-03

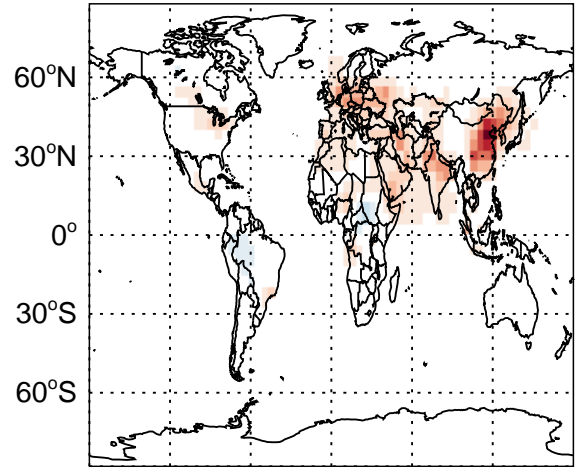
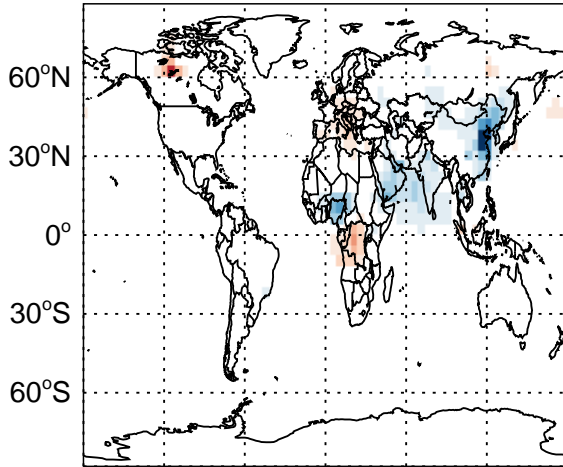
GEOS-Chem J-Values at surface and 500 hPa

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

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

JHOBr - J-Value Diff @ surface for Jul

JHOBr - J-Value Diff @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

-7.06e-05 -2.35e-05 2.35e-05 7.06e-05

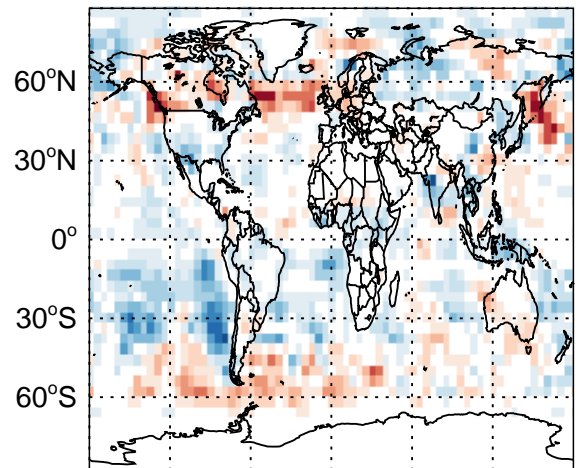
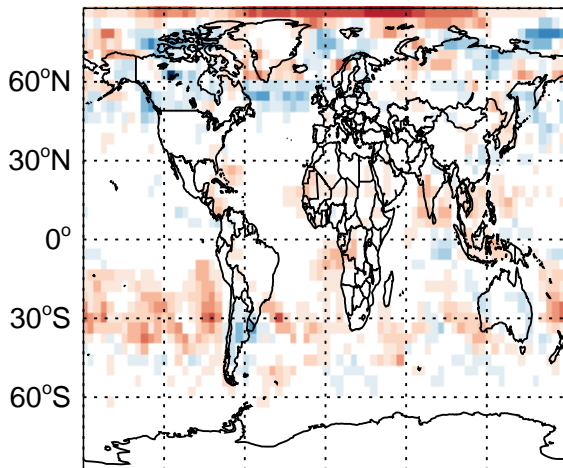
-1.35e-04 -4.52e-05 4.52e-05 1.35e-04

v11-02f-Run0 - v11-02e-Run0

v11-02f-Run0 - v11-02e-Run0

JHOBr - J-Value Diff @ surface for Jul

JHOBr - J-Value Diff @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

-4.28e-04 -1.43e-04 1.43e-04 4.28e-04

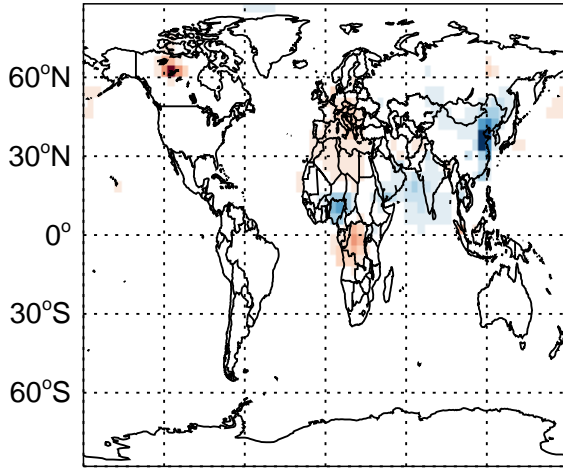
-5.66e-04 -1.89e-04 1.89e-04 5.66e-04

GEOS-Chem J-Values at surface and 500 hPa

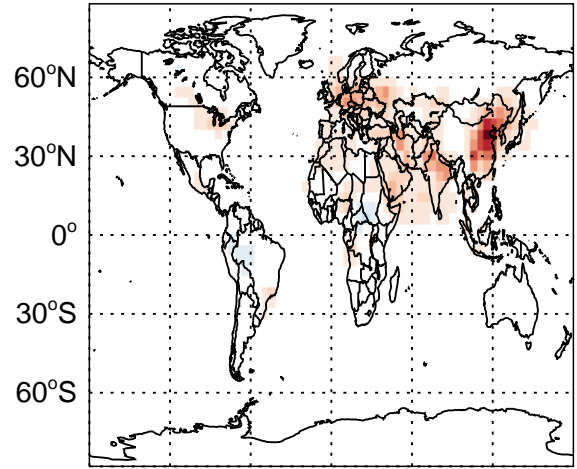
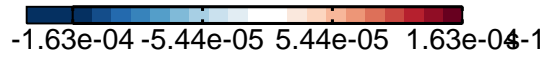
v11-02f-Run0 - v11-02e-Run1

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

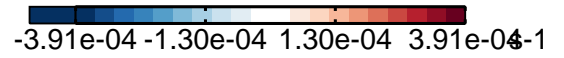
JBrNO₂ - J-Value Diff @ surface for Jul JBrNO₂ - J-Value Diff @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°



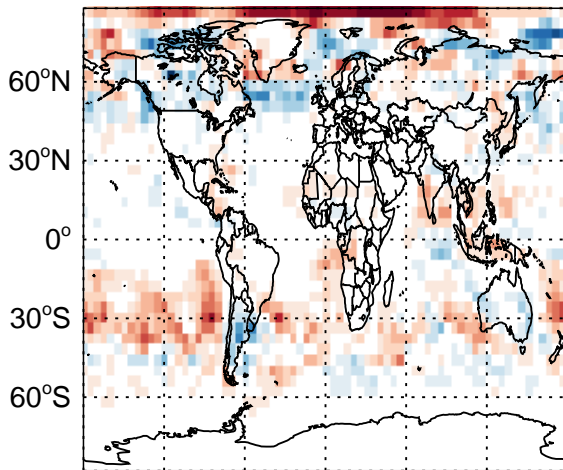
180° 120°W 60°W 0° 60°E 120°E 180°



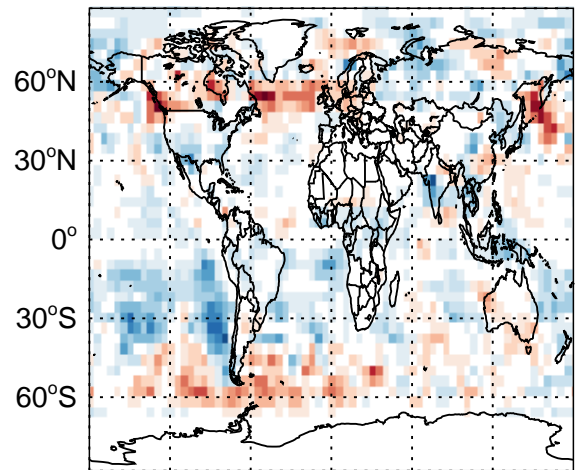
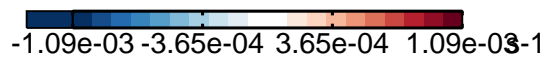
v11-02f-Run0 - v11-02e-Run0

v11-02f-Run0 - v11-02e-Run0

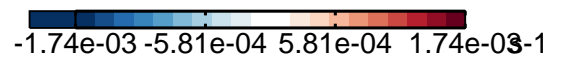
JBrNO₂ - J-Value Diff @ surface for Jul JBrNO₂ - J-Value Diff @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°



180° 120°W 60°W 0° 60°E 120°E 180°

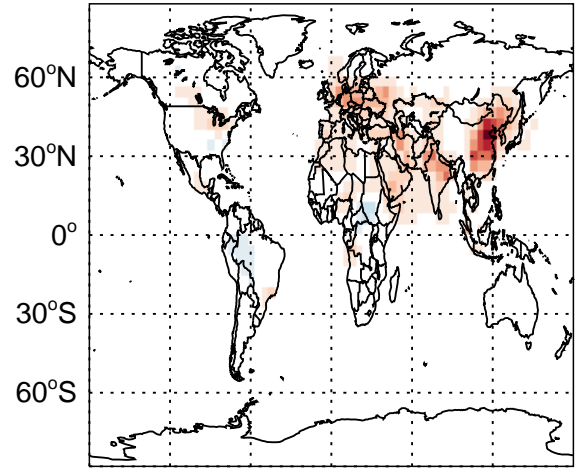
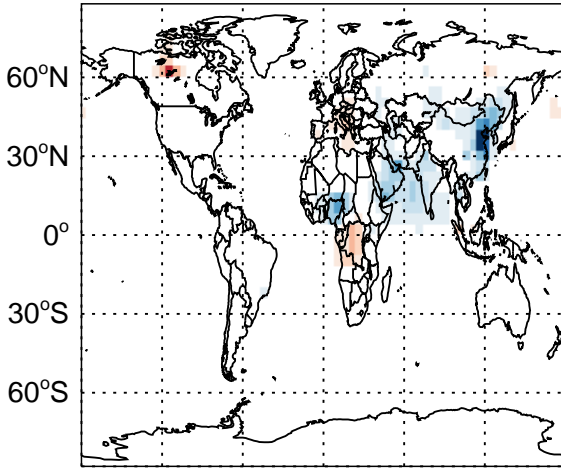


GEOS-Chem J-Values at surface and 500 hPa

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

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

JBrNO₃ - J-Value Diff @ surface for Jul JBrNO₃ - J-Value Diff @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

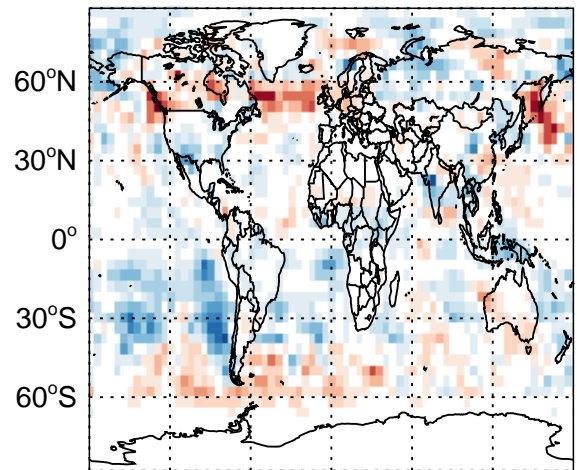
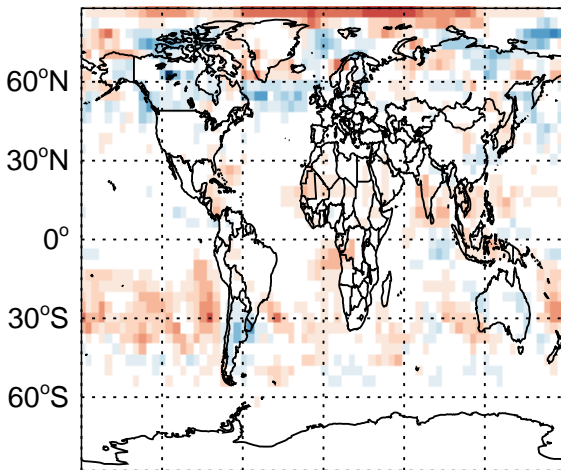
-4.79e-05 -1.60e-05 1.60e-05 4.79e-05

-8.23e-05 -2.74e-05 2.74e-05 8.23e-05

v11-02f-Run0 - v11-02e-Run0

v11-02f-Run0 - v11-02e-Run0

JBrNO₃ - J-Value Diff @ surface for Jul JBrNO₃ - J-Value Diff @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

-2.77e-04 -9.22e-05 9.22e-05 2.77e-04

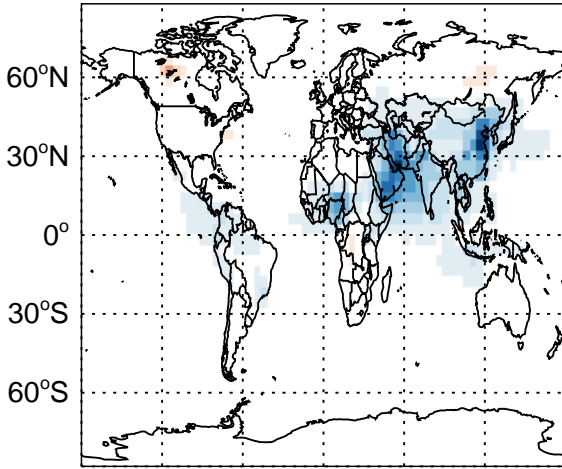
-3.36e-04 -1.12e-04 1.12e-04 3.36e-04

GEOS-Chem J-Values at surface and 500 hPa

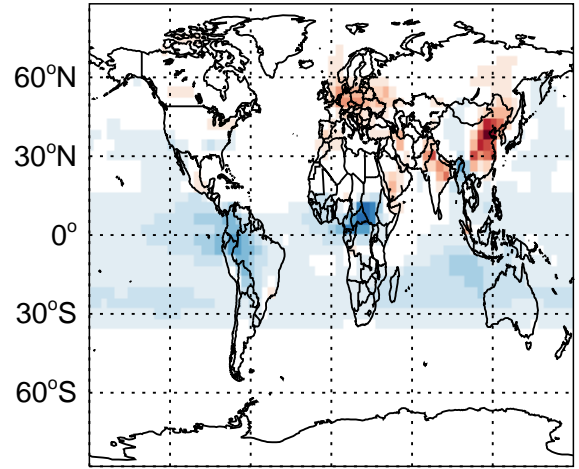
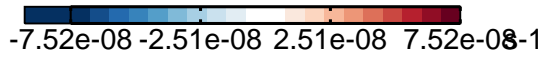
v11-02f-Run0 - v11-02e-Run1

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

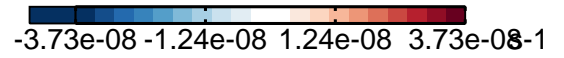
JCHBr3 - J-Value Diff @ surface for Jul JCHBr3 - J-Value Diff @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°



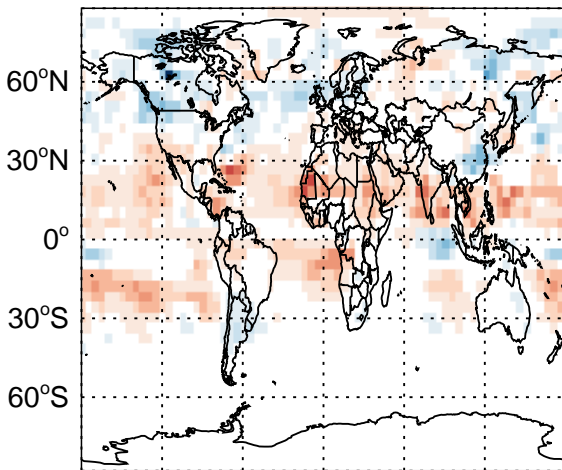
180° 120°W 60°W 0° 60°E 120°E 180°



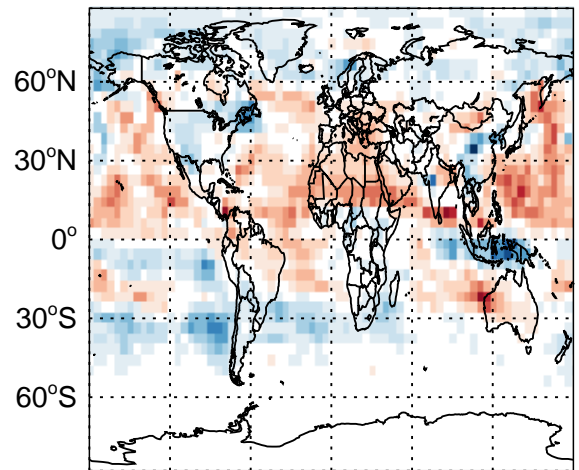
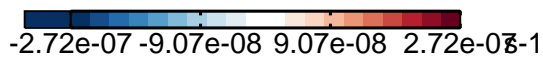
v11-02f-Run0 - v11-02e-Run0

v11-02f-Run0 - v11-02e-Run0

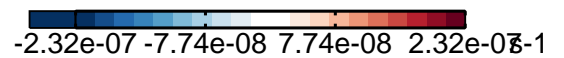
JCHBr3 - J-Value Diff @ surface for Jul JCHBr3 - J-Value Diff @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°



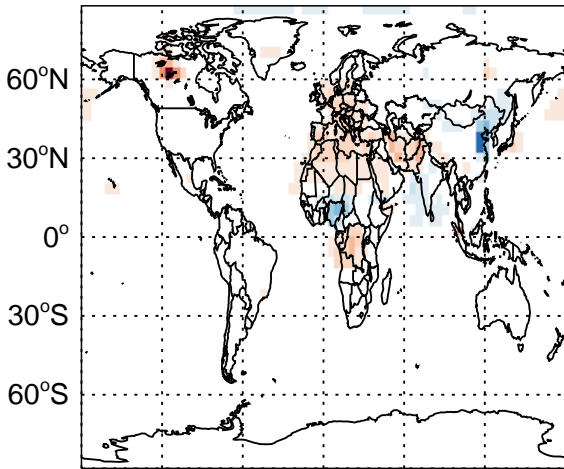
180° 120°W 60°W 0° 60°E 120°E 180°



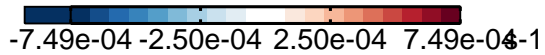
GEOS-Chem J-Values at surface and 500 hPa

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

JBr2 - J-Value Diff @ surface for Jul

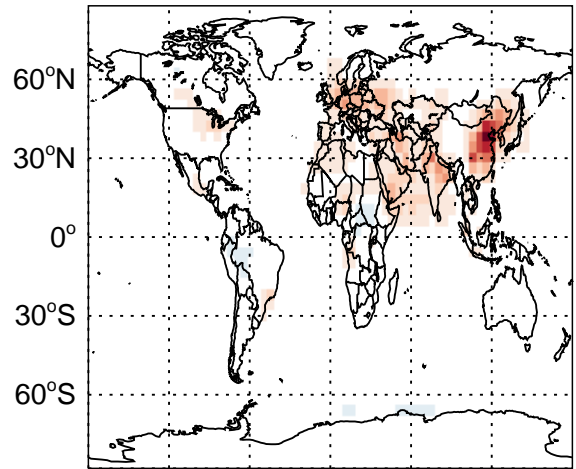


180° 120°W 60°W 0° 60°E 120°E 180°

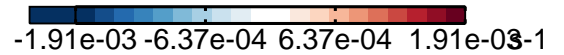


v11-02f-Run0 - v11-02e-Run1

JBr2 - J-Value Diff @ 500 hPa for Jul

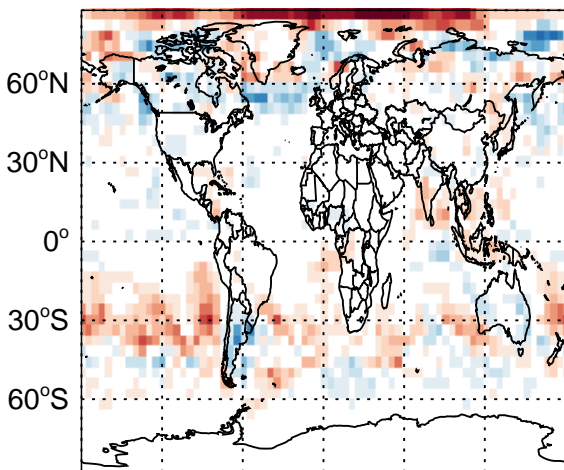


180° 120°W 60°W 0° 60°E 120°E 180°

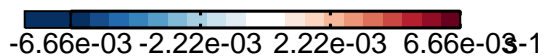


v11-02f-Run0 - v11-02e-Run0

JBr2 - J-Value Diff @ surface for Jul

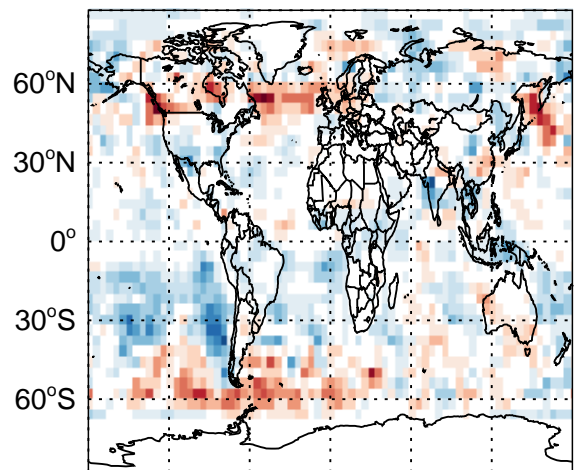


180° 120°W 60°W 0° 60°E 120°E 180°

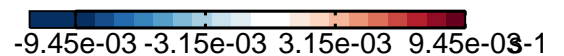


v11-02f-Run0 - v11-02e-Run0

JBr2 - J-Value Diff @ 500 hPa for Jul



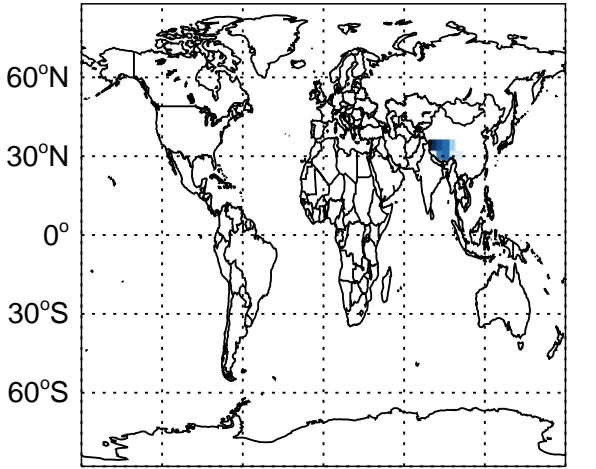
180° 120°W 60°W 0° 60°E 120°E 180°



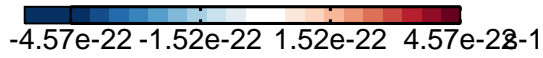
GEOS-Chem J-Values at surface and 500 hPa

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

JO2 - J-Value Diff @ surface for Jul

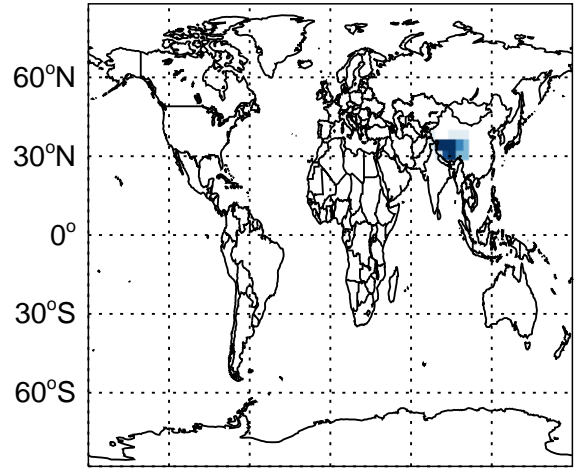


180° 120°W 60°W 0° 60°E 120°E 180°

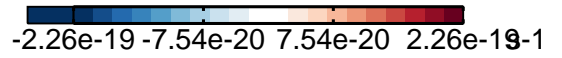


v11-02f-Run0 - v11-02e-Run1

JO2 - J-Value Diff @ 500 hPa for Jul

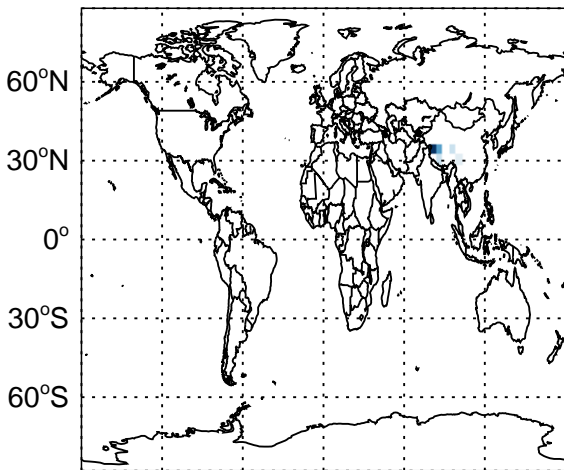


180° 120°W 60°W 0° 60°E 120°E 180°

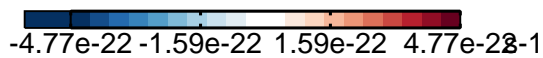


v11-02f-Run0 - v11-02e-Run0

JO2 - J-Value Diff @ surface for Jul

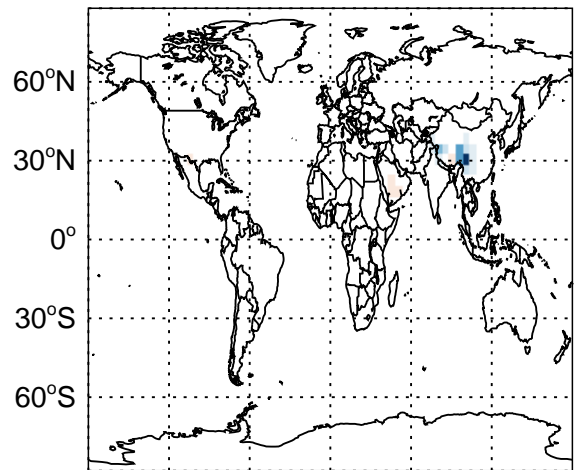


180° 120°W 60°W 0° 60°E 120°E 180°

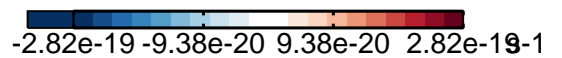


v11-02f-Run0 - v11-02e-Run0

JO2 - J-Value Diff @ 500 hPa for Jul



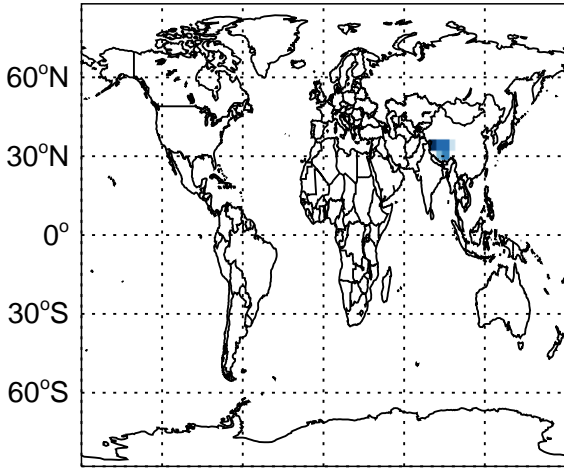
180° 120°W 60°W 0° 60°E 120°E 180°



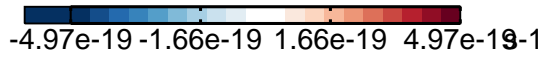
GEOS-Chem J-Values at surface and 500 hPa

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

JN2O - J-Value Diff @ surface for Jul

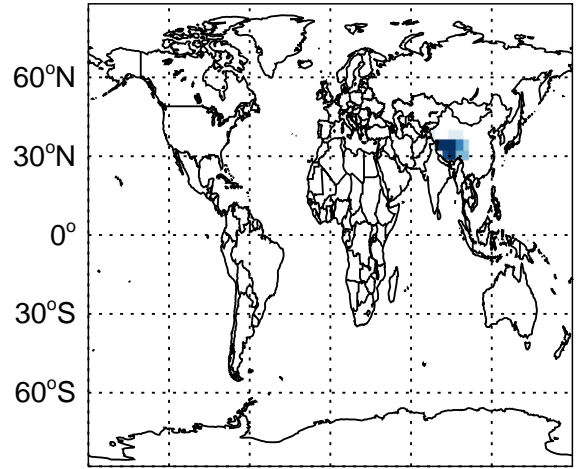


180° 120°W 60°W 0° 60°E 120°E 180°

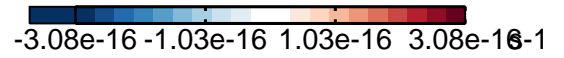


v11-02f-Run0 - v11-02e-Run1

JN2O - J-Value Diff @ 500 hPa for Jul

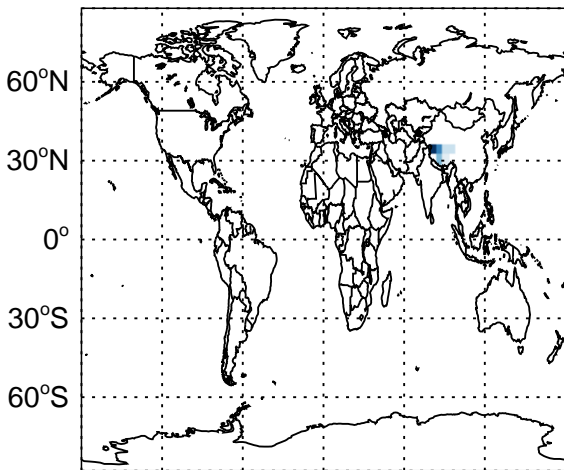


180° 120°W 60°W 0° 60°E 120°E 180°

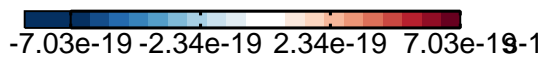


v11-02f-Run0 - v11-02e-Run0

JN2O - J-Value Diff @ surface for Jul

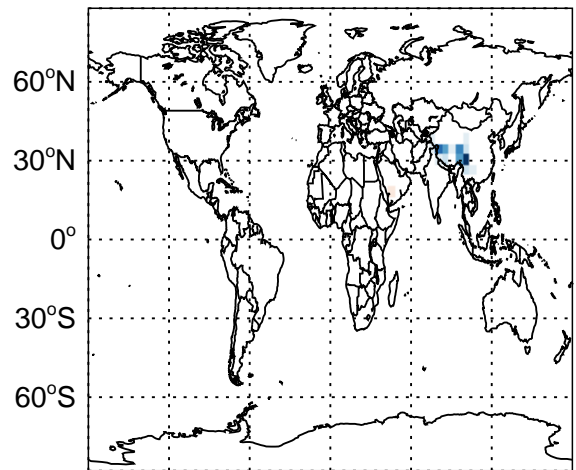


180° 120°W 60°W 0° 60°E 120°E 180°

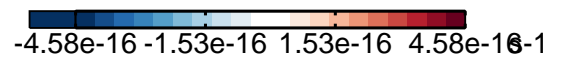


v11-02f-Run0 - v11-02e-Run0

JN2O - J-Value Diff @ 500 hPa for Jul



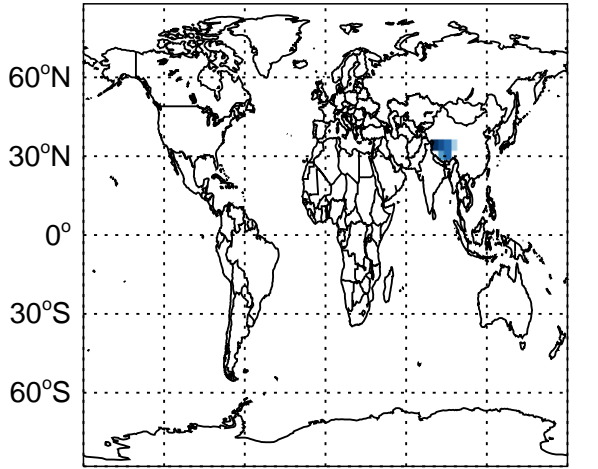
180° 120°W 60°W 0° 60°E 120°E 180°



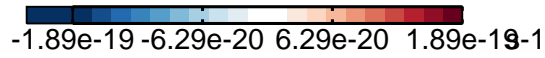
GEOS-Chem J-Values at surface and 500 hPa

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

JNO - J-Value Diff @ surface for Jul

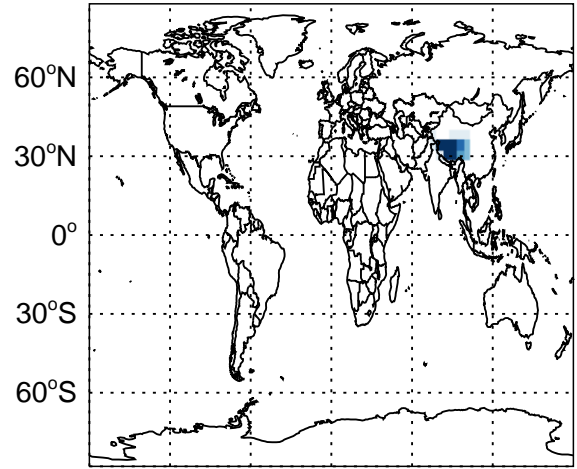


180° 120°W 60°W 0° 60°E 120°E 180°

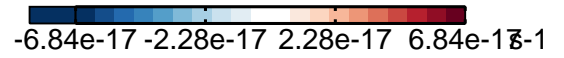


v11-02f-Run0 - v11-02e-Run1

JNO - J-Value Diff @ 500 hPa for Jul

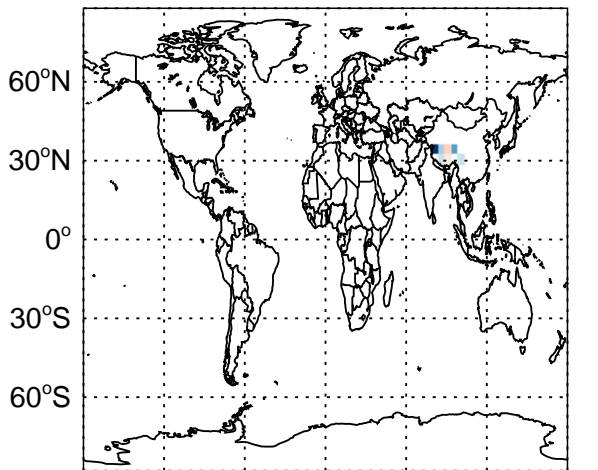


180° 120°W 60°W 0° 60°E 120°E 180°

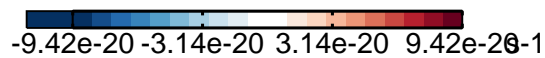


v11-02f-Run0 - v11-02e-Run0

JNO - J-Value Diff @ surface for Jul

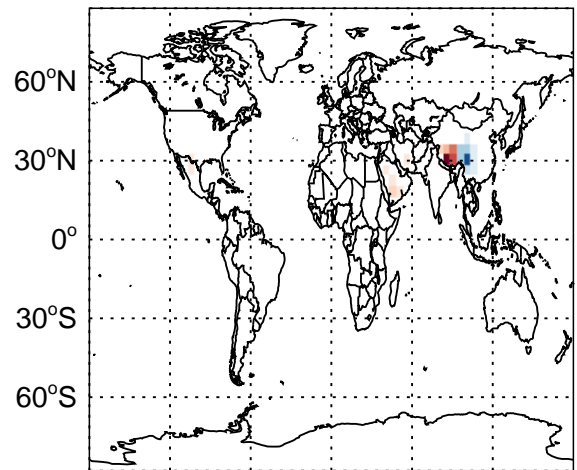


180° 120°W 60°W 0° 60°E 120°E 180°

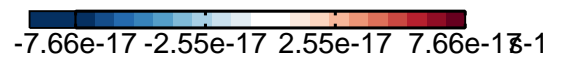


v11-02f-Run0 - v11-02e-Run0

JNO - J-Value Diff @ 500 hPa for Jul



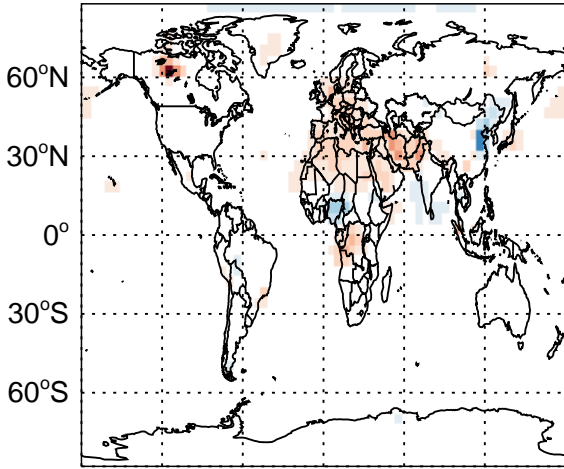
180° 120°W 60°W 0° 60°E 120°E 180°



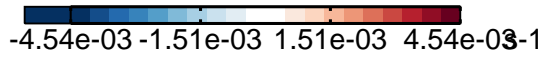
GEOS-Chem J-Values at surface and 500 hPa

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

JNO3 - J-Value Diff @ surface for Jul

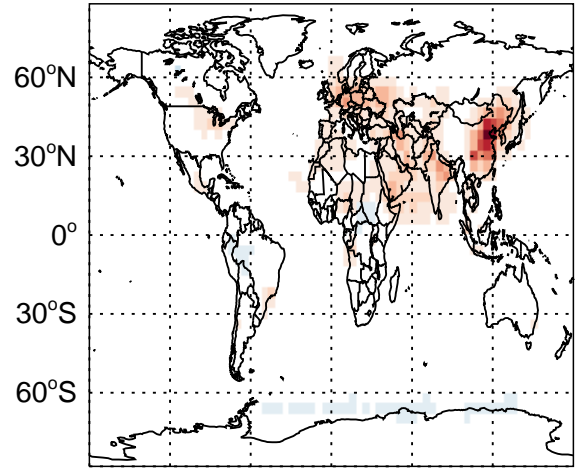


180° 120°W 60°W 0° 60°E 120°E 180°

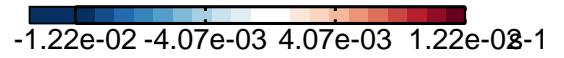


v11-02f-Run0 - v11-02e-Run1

JNO3 - J-Value Diff @ 500 hPa for Jul

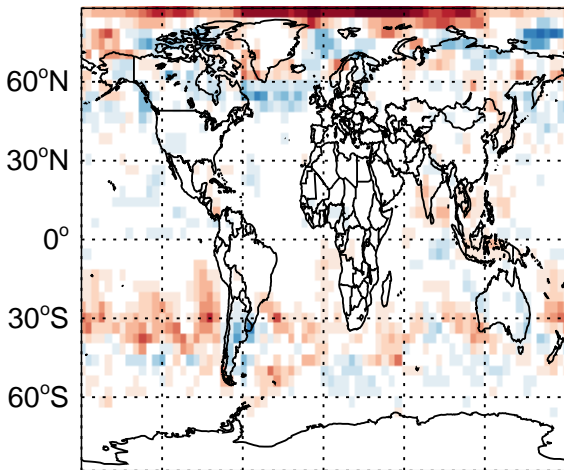


180° 120°W 60°W 0° 60°E 120°E 180°

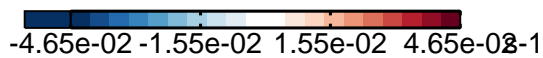


v11-02f-Run0 - v11-02e-Run0

JNO3 - J-Value Diff @ surface for Jul

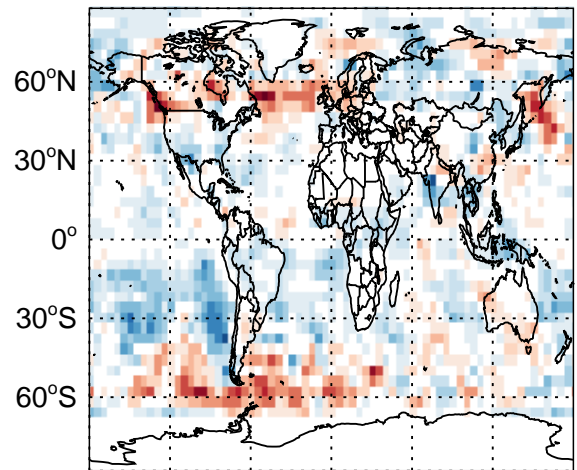


180° 120°W 60°W 0° 60°E 120°E 180°

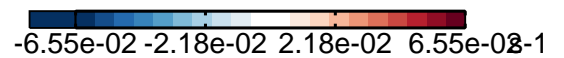


v11-02f-Run0 - v11-02e-Run0

JNO3 - J-Value Diff @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°

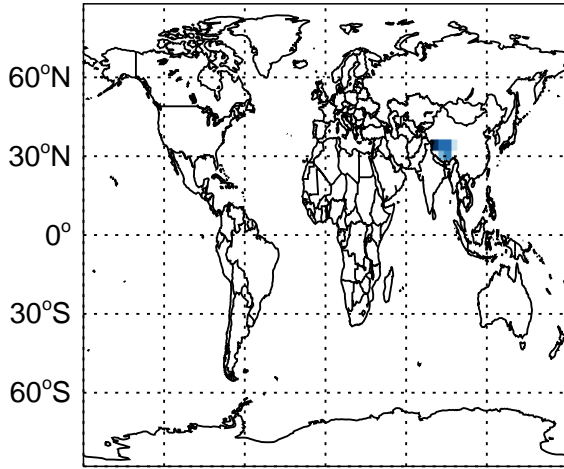


GEOS-Chem J-Values at surface and 500 hPa

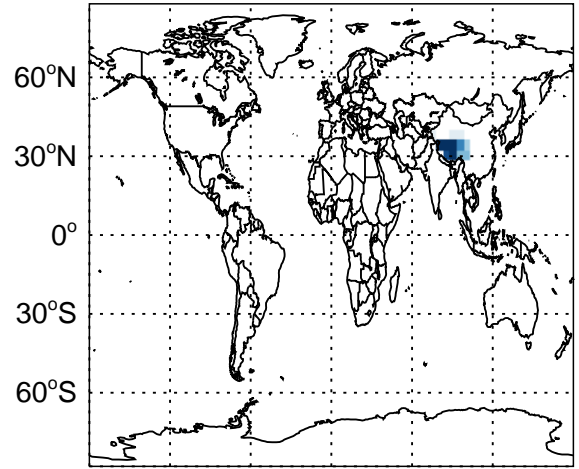
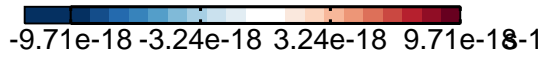
v11-02f-Run0 - v11-02e-Run1

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

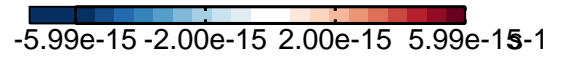
JCFC11 - J-Value Diff @ surface for Jul JCFC11 - J-Value Diff @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°



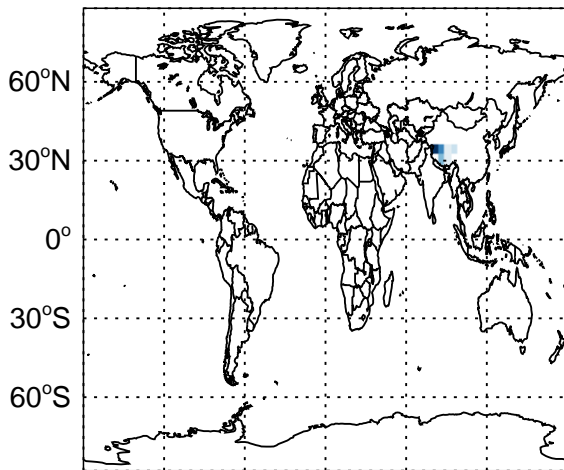
180° 120°W 60°W 0° 60°E 120°E 180°



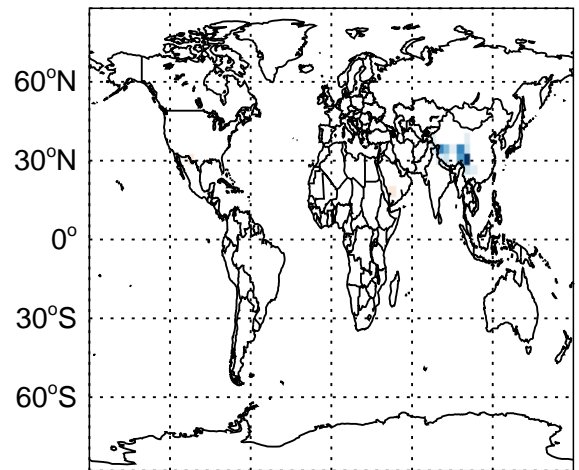
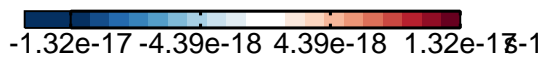
v11-02f-Run0 - v11-02e-Run0

v11-02f-Run0 - v11-02e-Run0

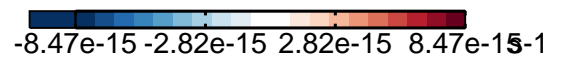
JCFC11 - J-Value Diff @ surface for Jul JCFC11 - J-Value Diff @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°



180° 120°W 60°W 0° 60°E 120°E 180°

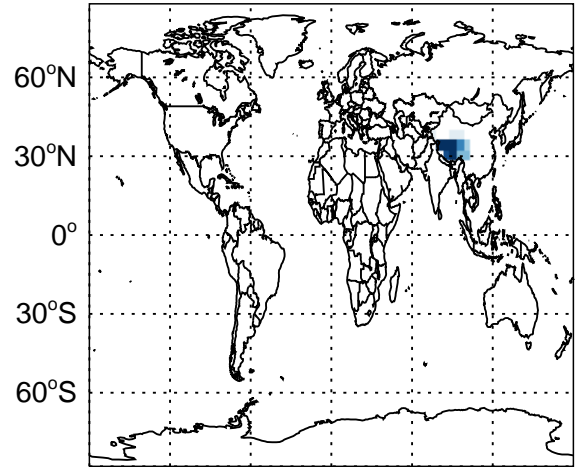
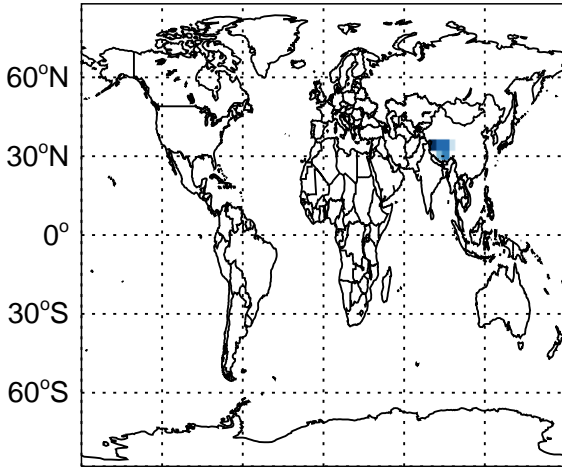


GEOS-Chem J-Values at surface and 500 hPa

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

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

JCFC12 - J-Value Diff @ surface for Jul JCFC12 - J-Value Diff @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

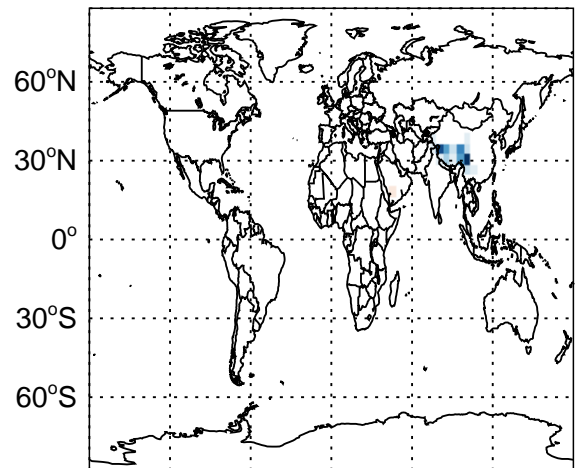
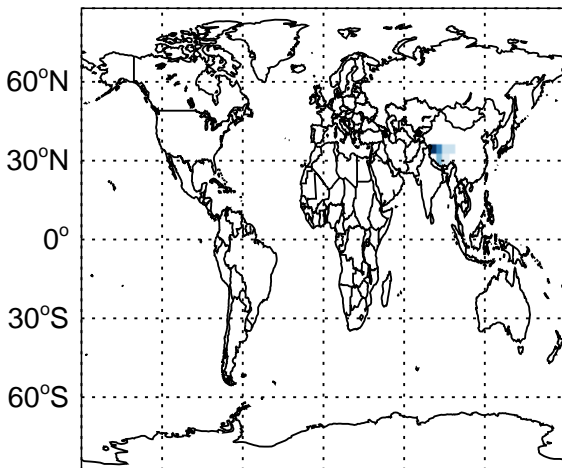
-6.69e-19 -2.23e-19 2.23e-19 6.69e-19

-4.53e-16 -1.51e-16 1.51e-16 4.53e-16

v11-02f-Run0 - v11-02e-Run0

v11-02f-Run0 - v11-02e-Run0

JCFC12 - J-Value Diff @ surface for Jul JCFC12 - J-Value Diff @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

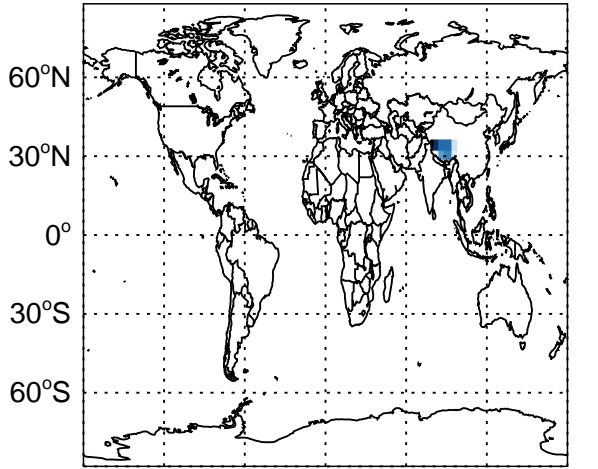
-9.87e-19 -3.29e-19 3.29e-19 9.87e-19

-7.06e-16 -2.35e-16 2.35e-16 7.06e-16

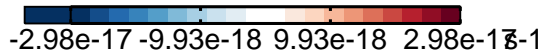
GEOS-Chem J-Values at surface and 500 hPa

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

JCCI4 - J-Value Diff @ surface for Jul

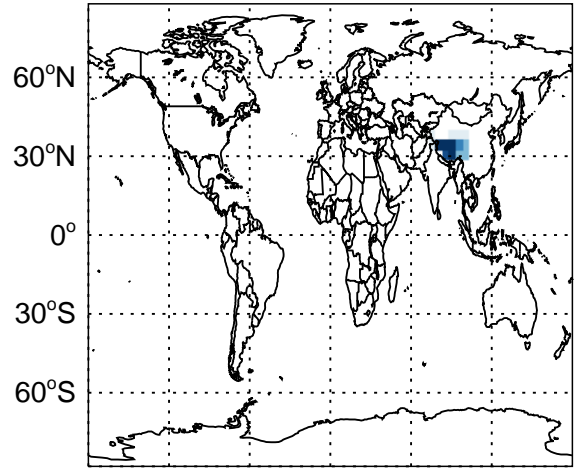


180° 120°W 60°W 0° 60°E 120°E 180°

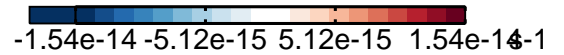


v11-02f-Run0 - v11-02e-Run1

JCCI4 - J-Value Diff @ 500 hPa for Jul

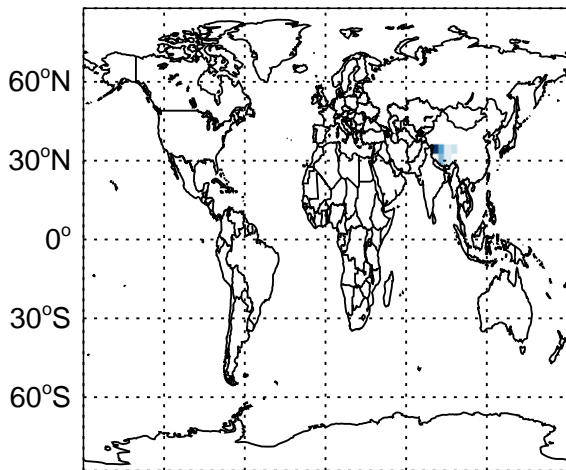


180° 120°W 60°W 0° 60°E 120°E 180°

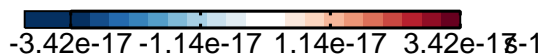


v11-02f-Run0 - v11-02e-Run0

JCCI4 - J-Value Diff @ surface for Jul

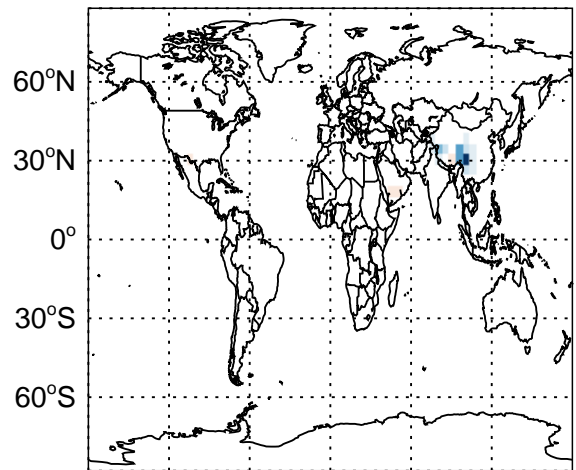


180° 120°W 60°W 0° 60°E 120°E 180°

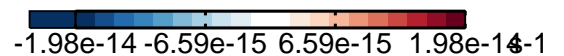


v11-02f-Run0 - v11-02e-Run0

JCCI4 - J-Value Diff @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°

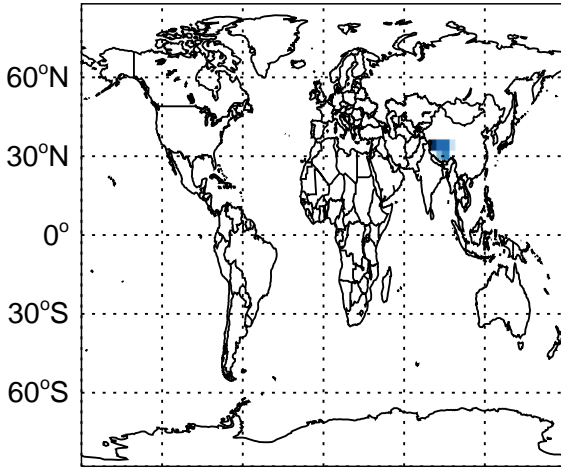


GEOS-Chem J-Values at surface and 500 hPa

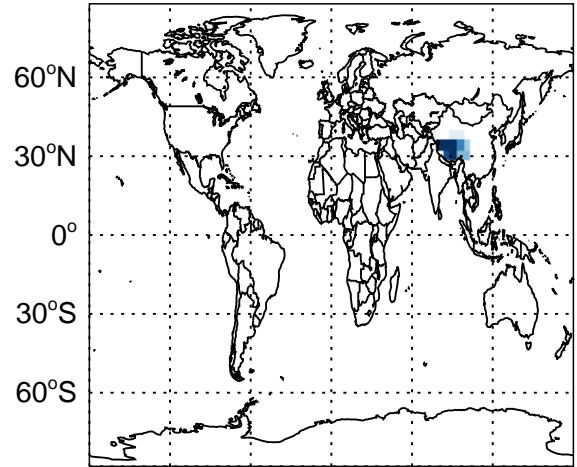
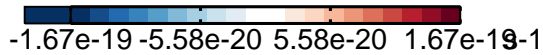
v11-02f-Run0 - v11-02e-Run1

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

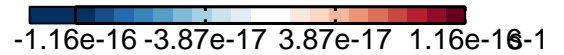
JCH3Cl - J-Value Diff @ surface for Jul JCH3Cl - J-Value Diff @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°



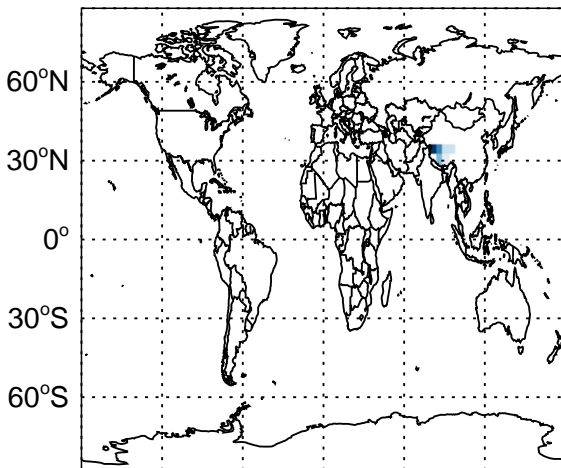
180° 120°W 60°W 0° 60°E 120°E 180°



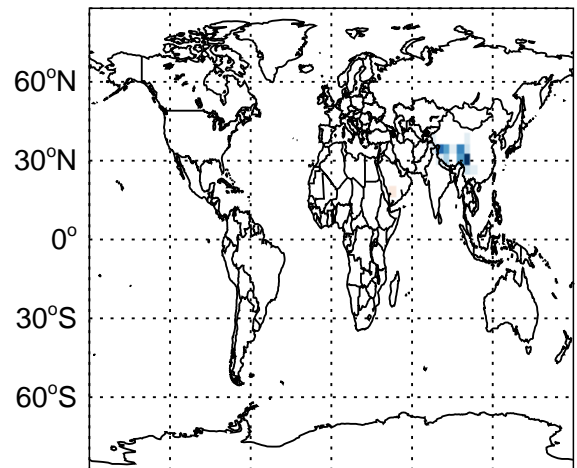
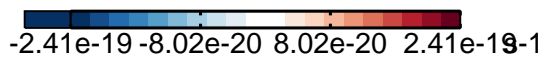
v11-02f-Run0 - v11-02e-Run0

v11-02f-Run0 - v11-02e-Run0

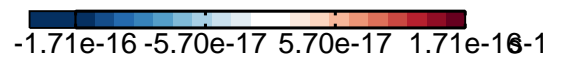
JCH3Cl - J-Value Diff @ surface for Jul JCH3Cl - J-Value Diff @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°



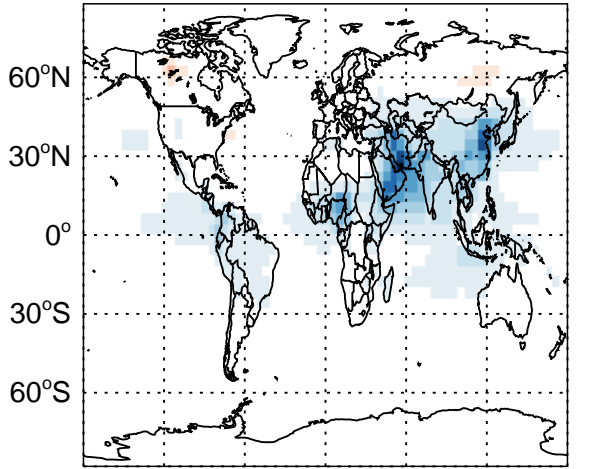
180° 120°W 60°W 0° 60°E 120°E 180°



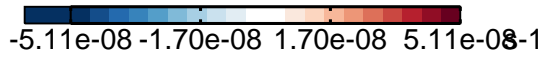
GEOS-Chem J-Values at surface and 500 hPa

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

JACET - J-Value Diff @ surface for Jul

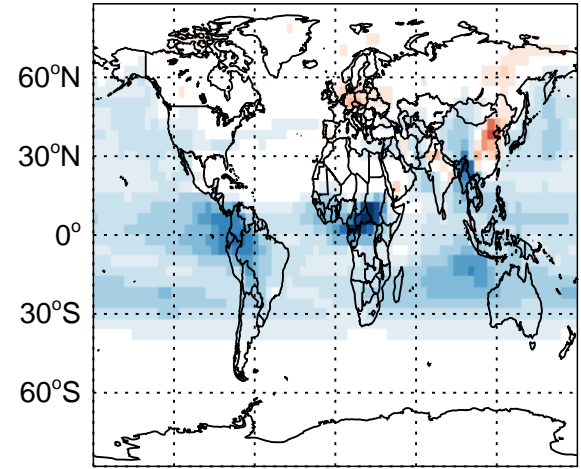


180° 120°W 60°W 0° 60°E 120°E 180°

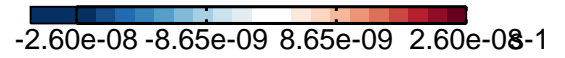


v11-02f-Run0 - v11-02e-Run1

JACET - J-Value Diff @ 500 hPa for Jul

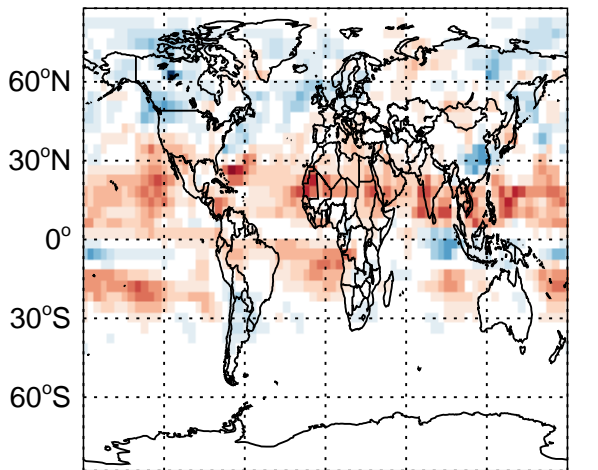


180° 120°W 60°W 0° 60°E 120°E 180°

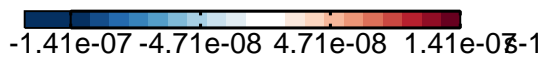


v11-02f-Run0 - v11-02e-Run0

JACET - J-Value Diff @ surface for Jul

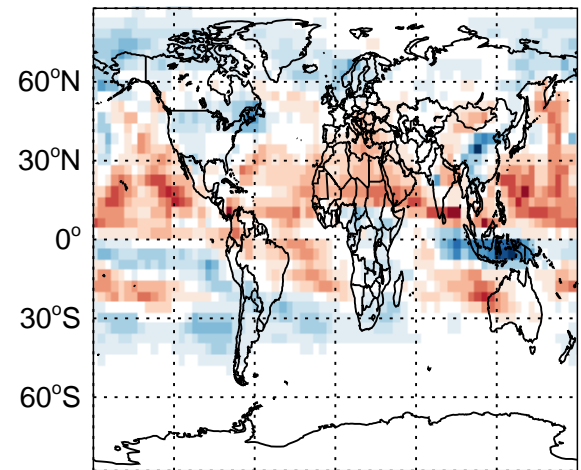


180° 120°W 60°W 0° 60°E 120°E 180°

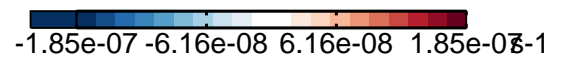


v11-02f-Run0 - v11-02e-Run0

JACET - J-Value Diff @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°



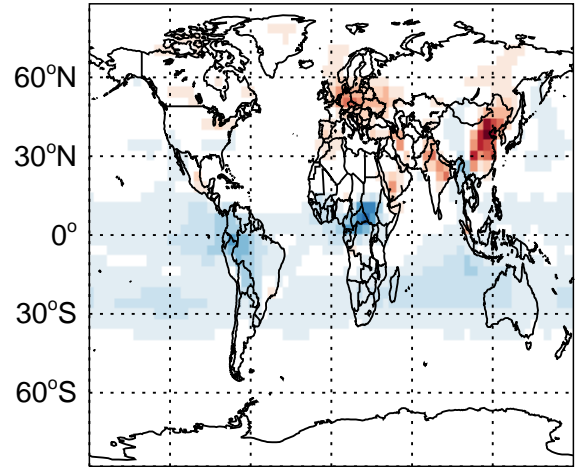
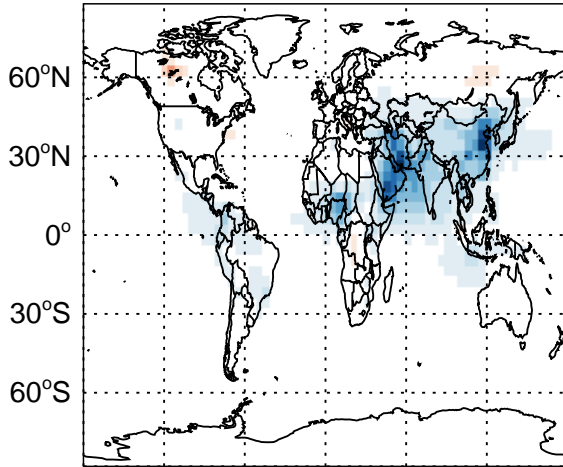
GEOS-Chem J-Values at surface and 500 hPa

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

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

JALD2 - J-Value Diff @ surface for Jul

JALD2 - J-Value Diff @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

-2.48e-07 -8.28e-08 8.28e-08 2.48e-07

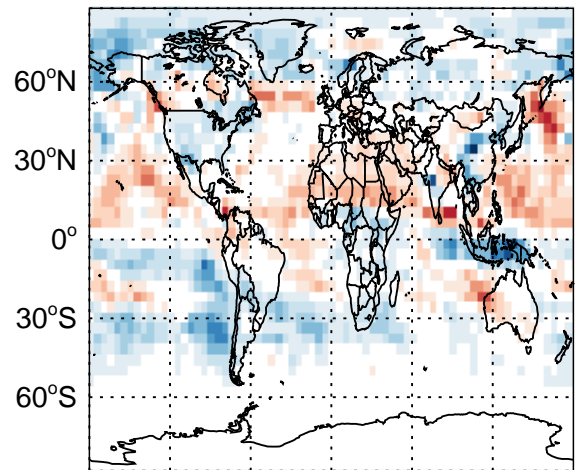
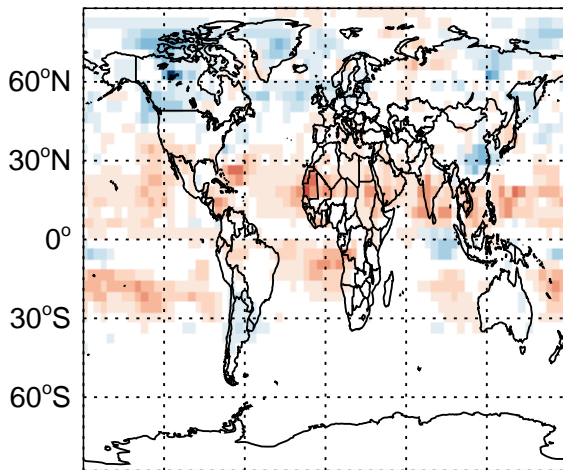
-2.83e-07 -9.42e-08 9.42e-08 2.83e-07

v11-02f-Run0 - v11-02e-Run0

v11-02f-Run0 - v11-02e-Run0

JALD2 - J-Value Diff @ surface for Jul

JALD2 - J-Value Diff @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

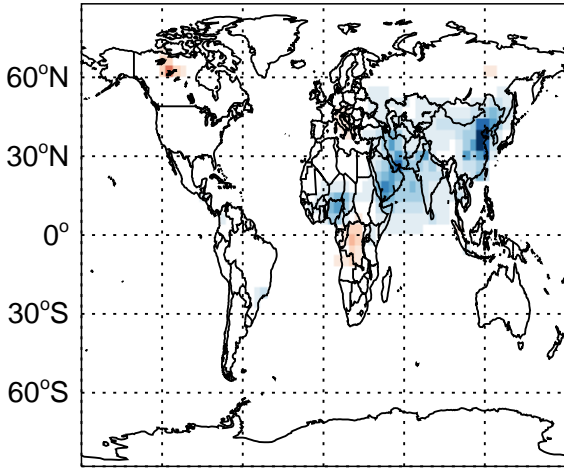
-9.44e-07 -3.15e-07 3.15e-07 9.44e-07

-1.57e-06 -5.24e-07 5.24e-07 1.57e-06

GEOS-Chem J-Values at surface and 500 hPa

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

JMVK - J-Value Diff @ surface for Jul

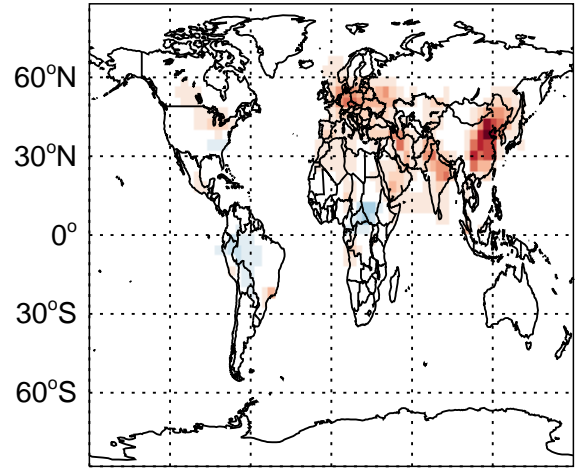


180° 120°W 60°W 0° 60°E 120°E 180°

-2.21e-07 -7.38e-08 7.38e-08 2.21e-07

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

JMVK - J-Value Diff @ 500 hPa for Jul

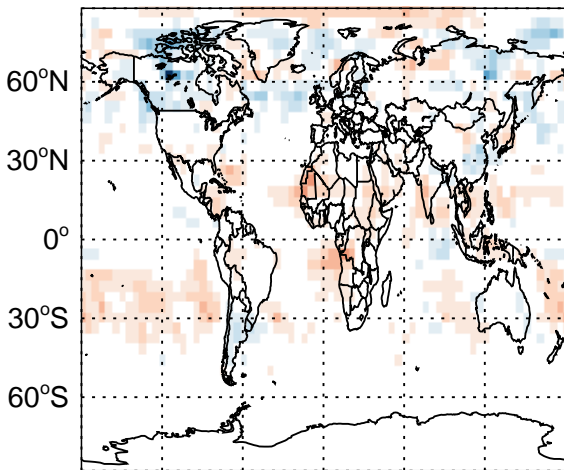


180° 120°W 60°W 0° 60°E 120°E 180°

-4.10e-07 -1.37e-07 1.37e-07 4.10e-07

v11-02f-Run0 - v11-02e-Run0

JMVK - J-Value Diff @ surface for Jul

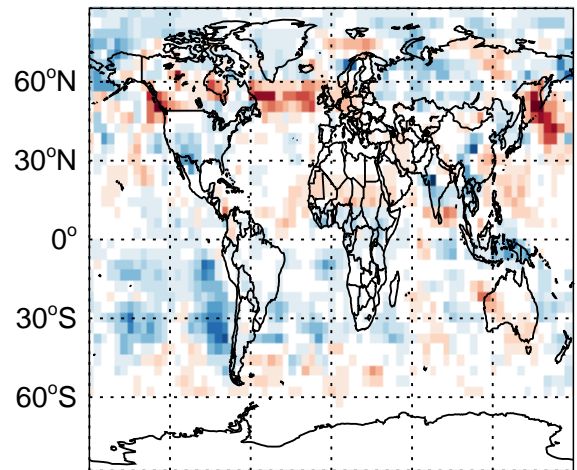


180° 120°W 60°W 0° 60°E 120°E 180°

-1.10e-06 -3.67e-07 3.67e-07 1.10e-06

v11-02f-Run0 - v11-02e-Run0

JMVK - J-Value Diff @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°

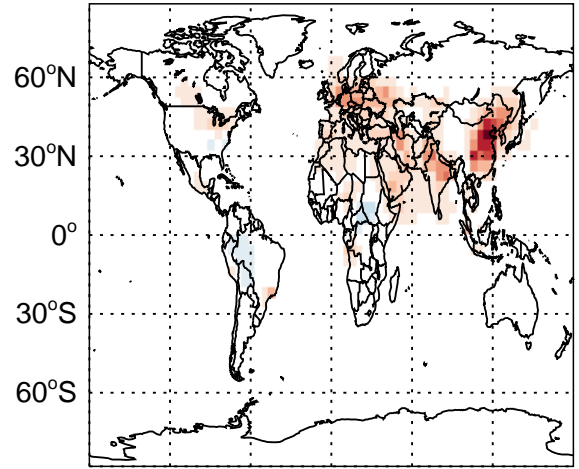
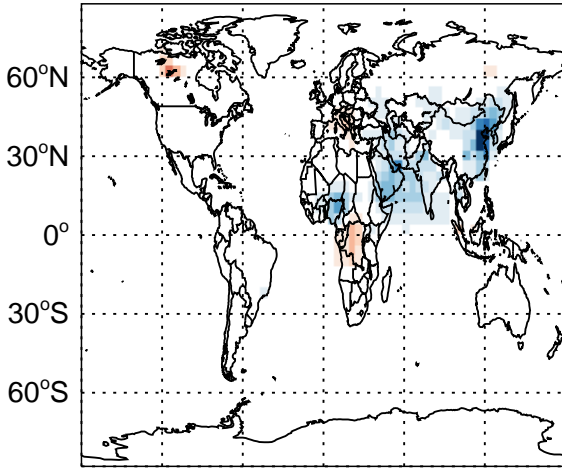
-1.54e-06 -5.12e-07 5.12e-07 1.54e-06

GEOS-Chem J-Values at surface and 500 hPa

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

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

JMACR - J-Value Diff @ surface for Jul JMACR - J-Value Diff @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

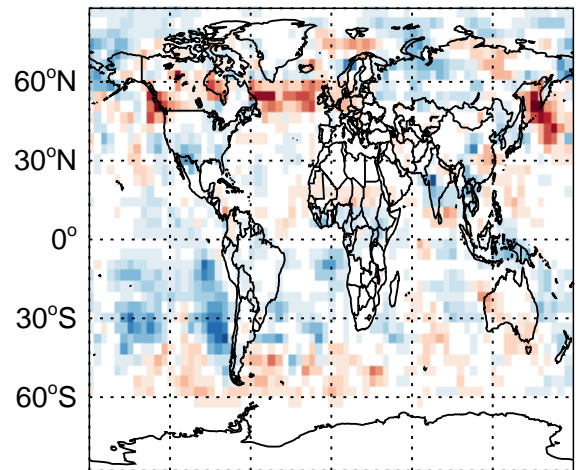
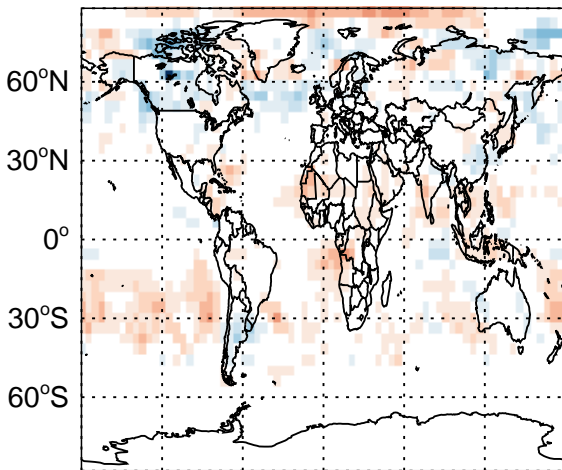
-6.77e-08 -2.26e-08 2.26e-08 6.77e-08

-9.52e-08 -3.17e-08 3.17e-08 9.52e-08

v11-02f-Run0 - v11-02e-Run0

v11-02f-Run0 - v11-02e-Run0

JMACR - J-Value Diff @ surface for Jul JMACR - J-Value Diff @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

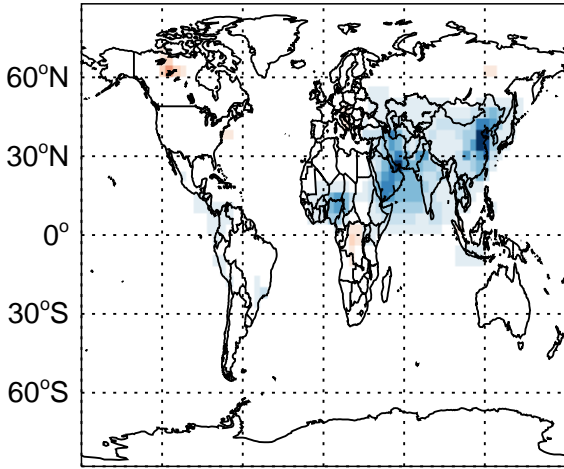
-3.67e-07 -1.22e-07 1.22e-07 3.67e-07

-3.62e-07 -1.21e-07 1.21e-07 3.62e-07

GEOS-Chem J-Values at surface and 500 hPa

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

JHAC - J-Value Diff @ surface for Jul

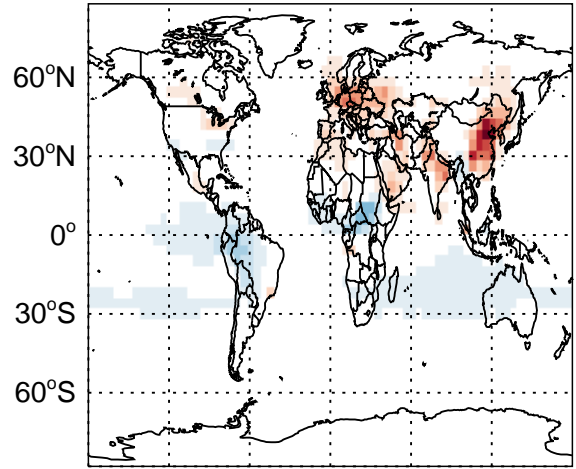


180° 120°W 60°W 0° 60°E 120°E 180°

-1.13e-07 -3.76e-08 3.76e-08 1.13e-07

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

JHAC - J-Value Diff @ 500 hPa for Jul

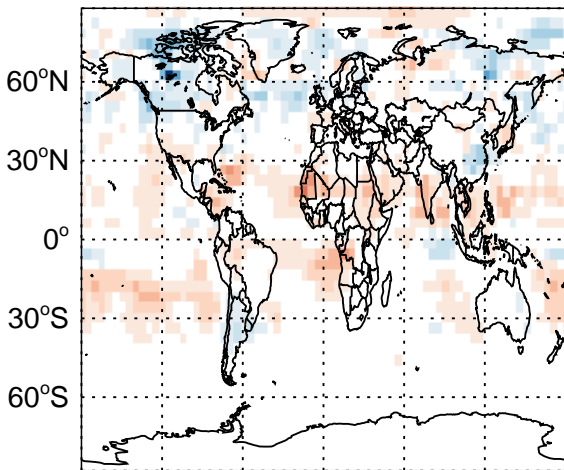


180° 120°W 60°W 0° 60°E 120°E 180°

-1.02e-07 -3.41e-08 3.41e-08 1.02e-07

v11-02f-Run0 - v11-02e-Run0

JHAC - J-Value Diff @ surface for Jul

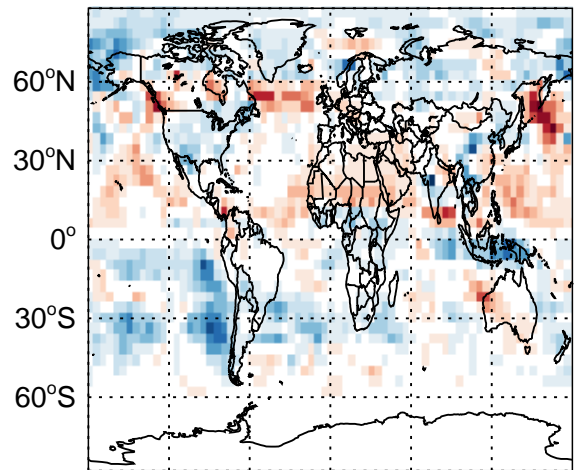


180° 120°W 60°W 0° 60°E 120°E 180°

-5.13e-07 -1.71e-07 1.71e-07 5.13e-07

v11-02f-Run0 - v11-02e-Run0

JHAC - J-Value Diff @ 500 hPa for Jul



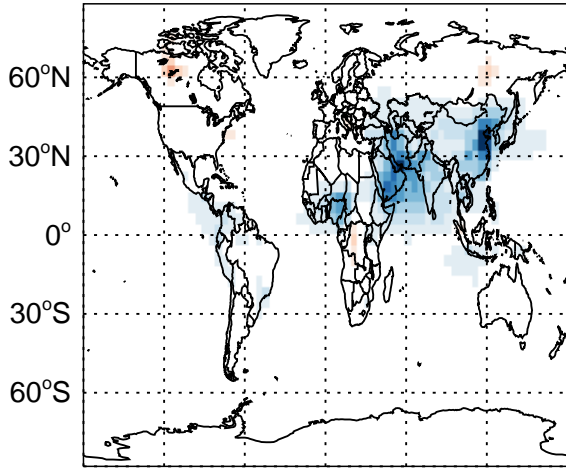
180° 120°W 60°W 0° 60°E 120°E 180°

-4.39e-07 -1.46e-07 1.46e-07 4.39e-07

GEOS-Chem J-Values at surface and 500 hPa

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

JGLYC - J-Value Diff @ surface for Jul

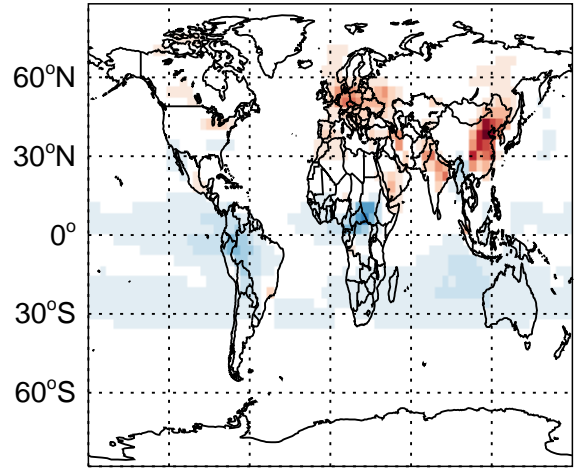


180° 120°W 60°W 0° 60°E 120°E 180°

-6.40e-07 -2.13e-07 2.13e-07 6.40e-07

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

JGLYC - J-Value Diff @ 500 hPa for Jul

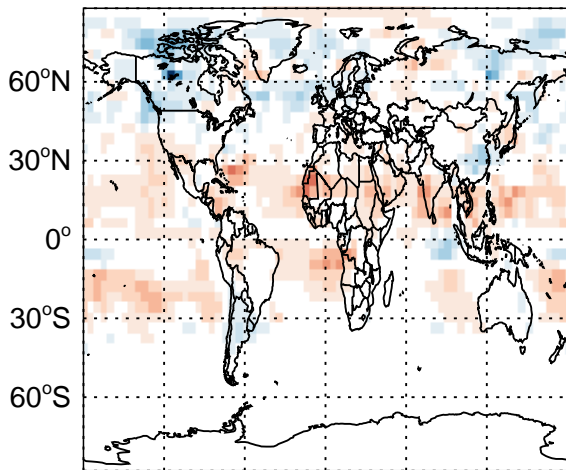


180° 120°W 60°W 0° 60°E 120°E 180°

-5.29e-07 -1.76e-07 1.76e-07 5.29e-07

v11-02f-Run0 - v11-02e-Run0

JGLYC - J-Value Diff @ surface for Jul

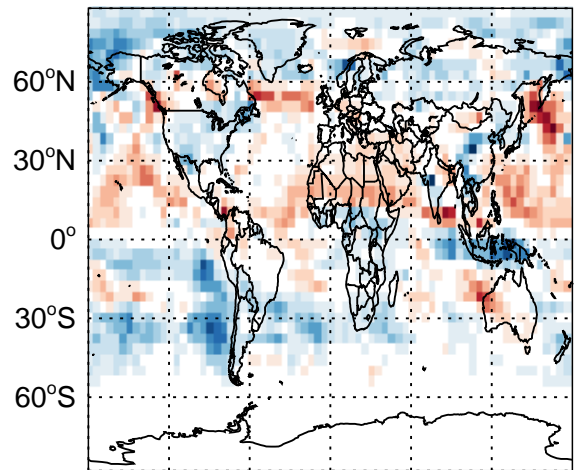


180° 120°W 60°W 0° 60°E 120°E 180°

-2.77e-06 -9.23e-07 9.23e-07 2.77e-06

v11-02f-Run0 - v11-02e-Run0

JGLYC - J-Value Diff @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°

-2.40e-06 -8.01e-07 8.01e-07 2.40e-06