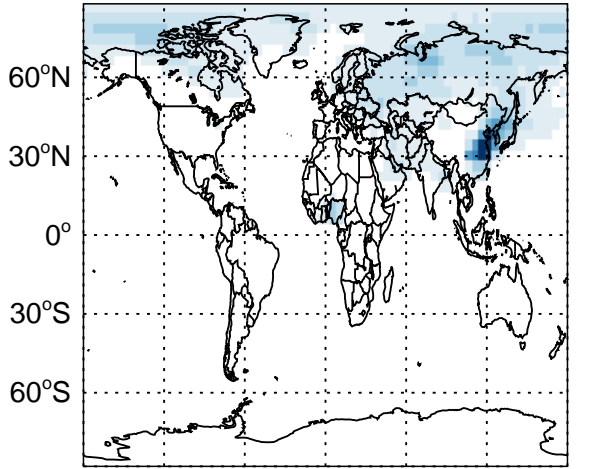


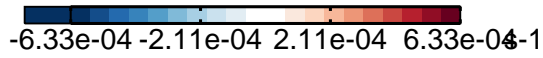
GEOS-Chem J-Values at surface and 500 hPa

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

JNO2 - J-Value Diff @ surface for Apr

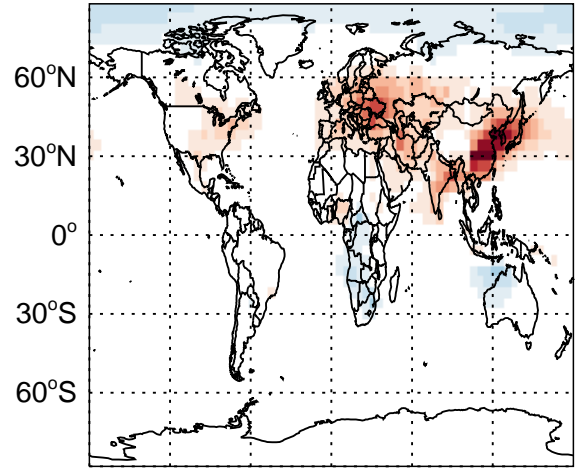


180° 120°W 60°W 0° 60°E 120°E 180°

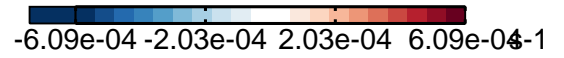


v11-02f-Run0 - v11-02e-Run1

JNO2 - J-Value Diff @ 500 hPa for Apr

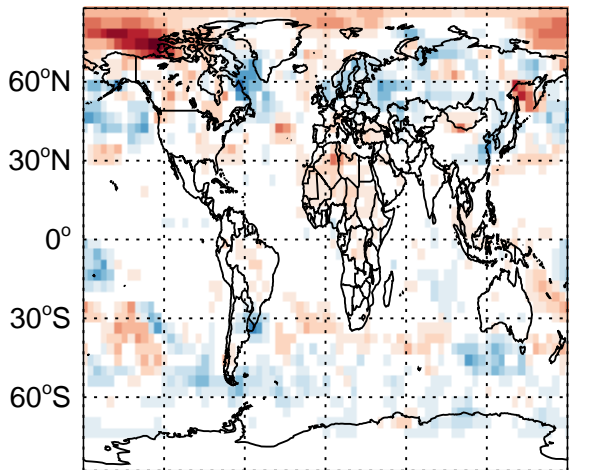


180° 120°W 60°W 0° 60°E 120°E 180°

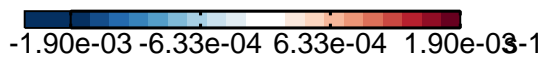


v11-02f-Run0 - v11-02e-Run0

JNO2 - J-Value Diff @ surface for Apr

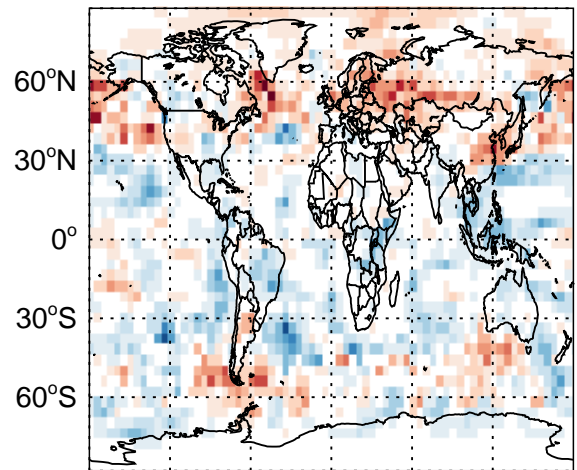


180° 120°W 60°W 0° 60°E 120°E 180°

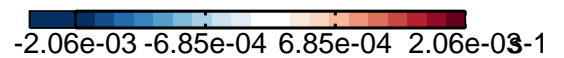


v11-02f-Run0 - v11-02e-Run0

JNO2 - J-Value Diff @ 500 hPa for Apr



180° 120°W 60°W 0° 60°E 120°E 180°

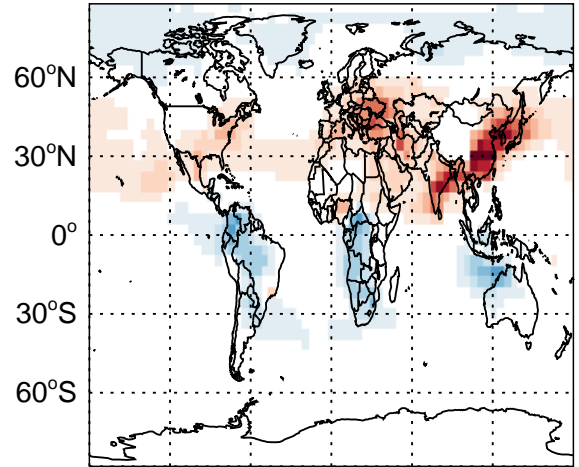
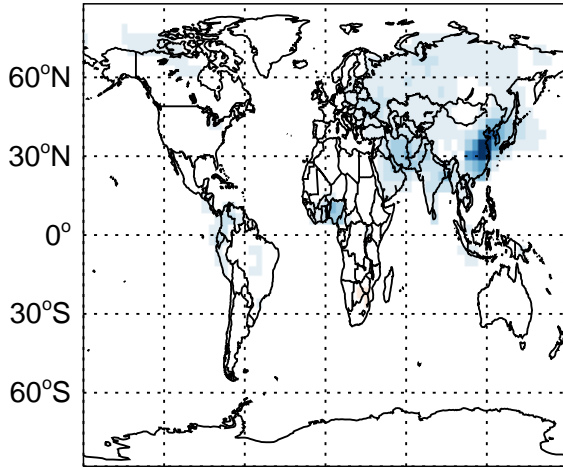


GEOS-Chem J-Values at surface and 500 hPa

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

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

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



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

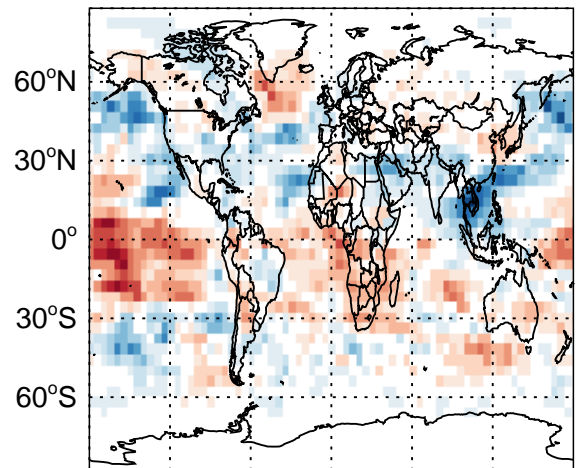
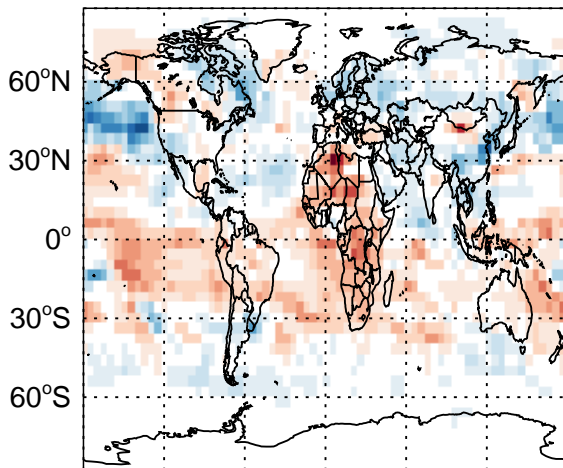
-5.17e-08 -1.72e-08 1.72e-08 5.17e-08

-2.62e-08 -8.72e-09 8.72e-09 2.62e-08

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

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

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



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

-1.13e-07 -3.77e-08 3.77e-08 1.13e-07

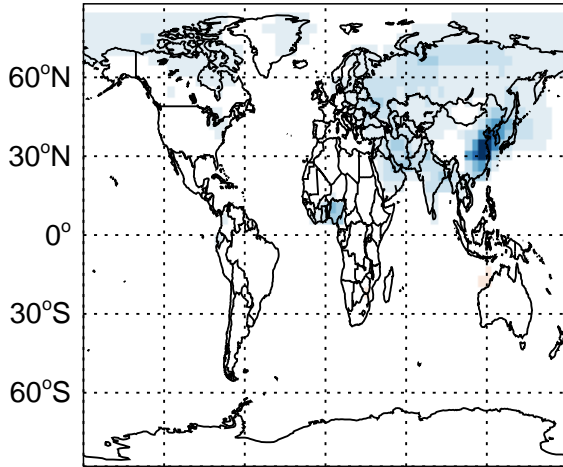
-1.38e-07 -4.58e-08 4.58e-08 1.38e-07

GEOS-Chem J-Values at surface and 500 hPa

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

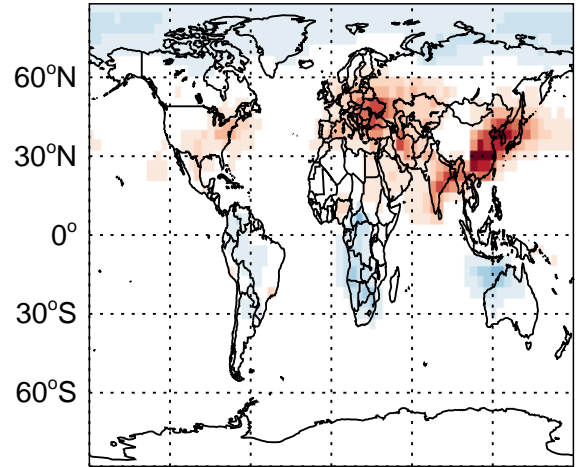
v11-02f-Run0 - v11-02e-Run1

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



180° 120°W 60°W 0° 60°E 120°E 180°

-5.99e-07 -2.00e-07 2.00e-07 5.99e-07



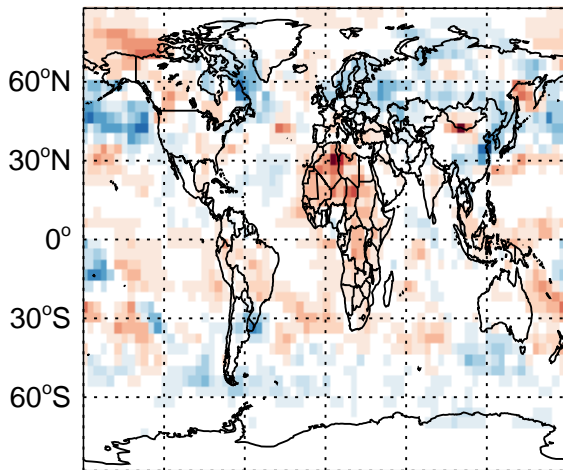
180° 120°W 60°W 0° 60°E 120°E 180°

-3.65e-07 -1.22e-07 1.22e-07 3.65e-07

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

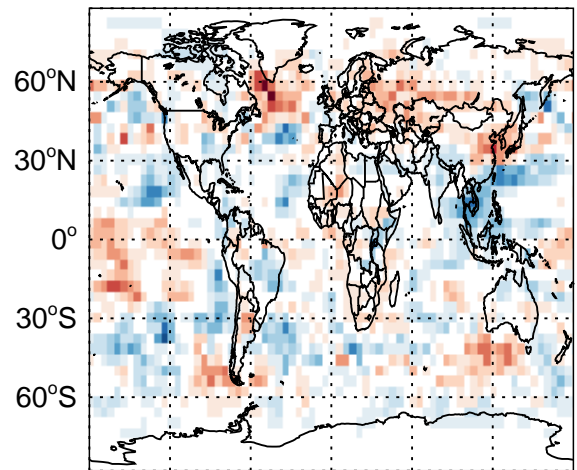
v11-02f-Run0 - v11-02e-Run0

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



180° 120°W 60°W 0° 60°E 120°E 180°

-1.18e-06 -3.93e-07 3.93e-07 1.18e-06



180° 120°W 60°W 0° 60°E 120°E 180°

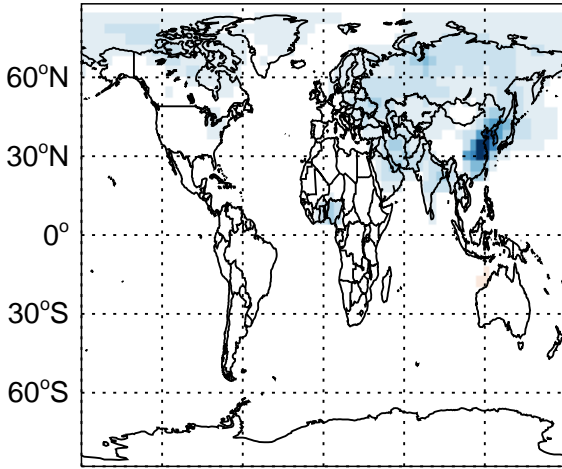
-1.35e-06 -4.51e-07 4.51e-07 1.35e-06

GEOS-Chem J-Values at surface and 500 hPa

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

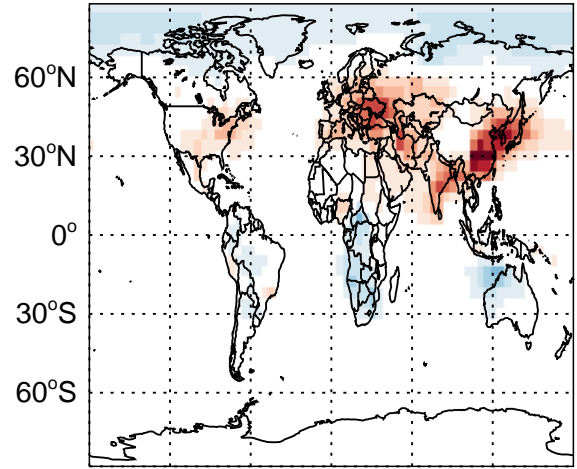
v11-02f-Run0 - v11-02e-Run1

JCH<sub>2</sub>O - J-Value Diff @ surface for Apr JCH<sub>2</sub>O - J-Value Diff @ 500 hPa for Apr



180° 120°W 60°W 0° 60°E 120°E 180°

-7.34e-06 -2.45e-06 2.45e-06 7.34e-06



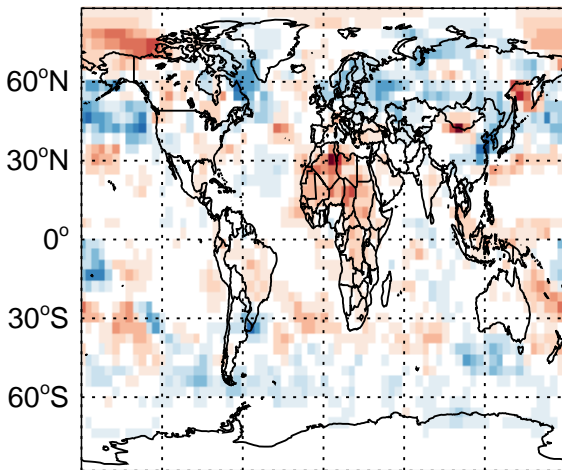
180° 120°W 60°W 0° 60°E 120°E 180°

-4.79e-06 -1.60e-06 1.60e-06 4.79e-06

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

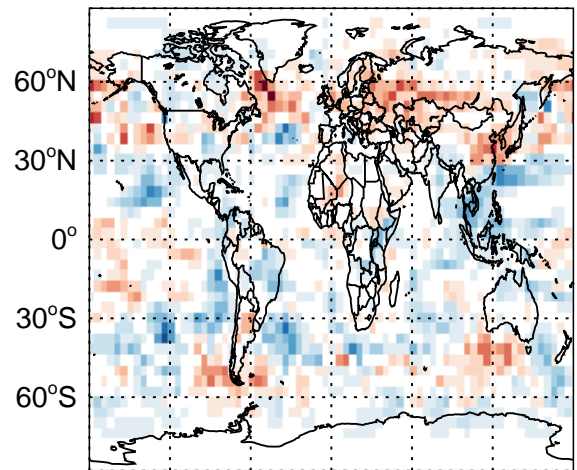
v11-02f-Run0 - v11-02e-Run0

JCH<sub>2</sub>O - J-Value Diff @ surface for Apr JCH<sub>2</sub>O - J-Value Diff @ 500 hPa for Apr



180° 120°W 60°W 0° 60°E 120°E 180°

-1.36e-05 -4.54e-06 4.54e-06 1.36e-05



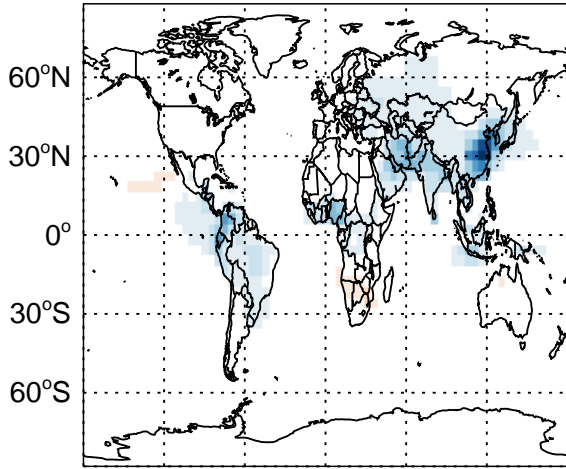
180° 120°W 60°W 0° 60°E 120°E 180°

-1.75e-05 -5.84e-06 5.84e-06 1.75e-05

GEOS-Chem J-Values at surface and 500 hPa

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

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

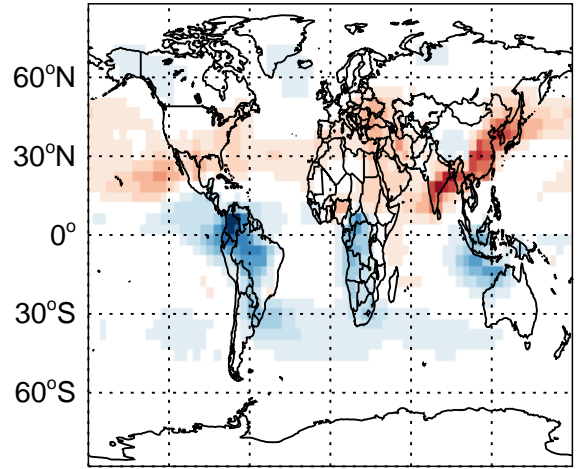


180° 120°W 60°W 0° 60°E 120°E 180°

-2.52e-06 -8.39e-07 8.39e-07 2.52e-06

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

NO3\_O1D - J-Value Diff @ 500 hPa for Apr

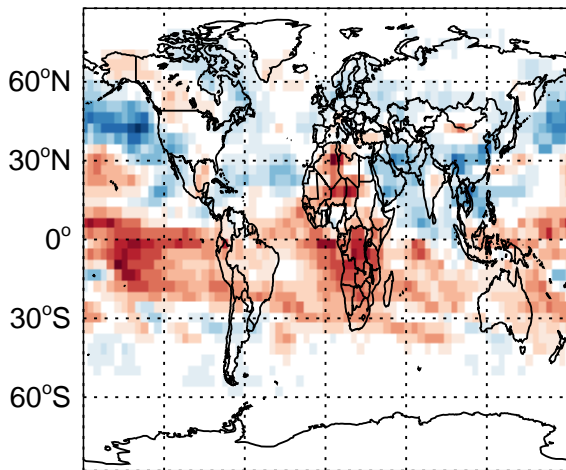


180° 120°W 60°W 0° 60°E 120°E 180°

-1.40e-06 -4.66e-07 4.66e-07 1.40e-06

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

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

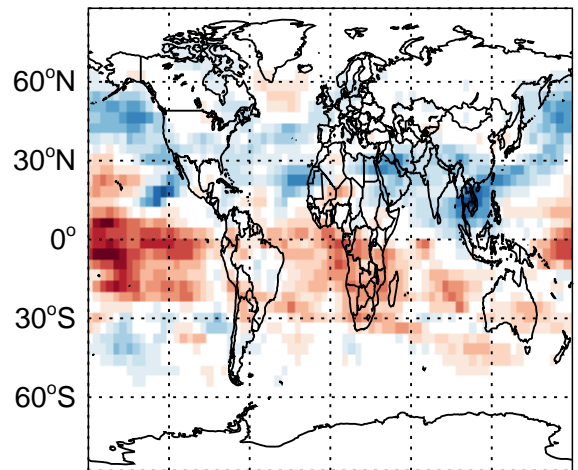


180° 120°W 60°W 0° 60°E 120°E 180°

-6.42e-06 -2.14e-06 2.14e-06 6.42e-06

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

NO3\_O1D - J-Value Diff @ 500 hPa for Apr



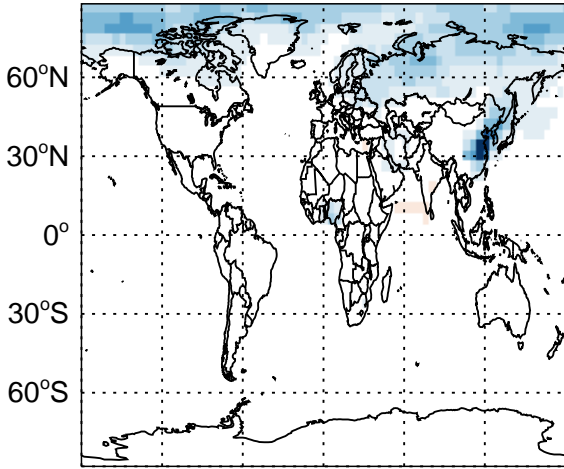
180° 120°W 60°W 0° 60°E 120°E 180°

-1.19e-05 -3.98e-06 3.98e-06 1.19e-05

GEOS-Chem J-Values at surface and 500 hPa

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

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

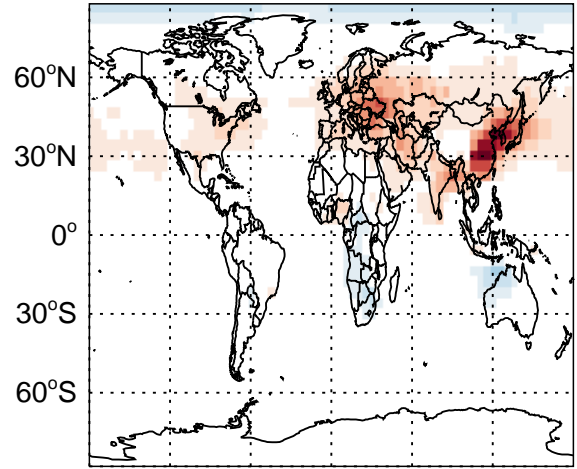


180° 120°W 60°W 0° 60°E 120°E 180°

-1.95e-05 -6.50e-06 6.50e-06 1.95e-05

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

NO3\_O3P - J-Value Diff @ 500 hPa for Apr

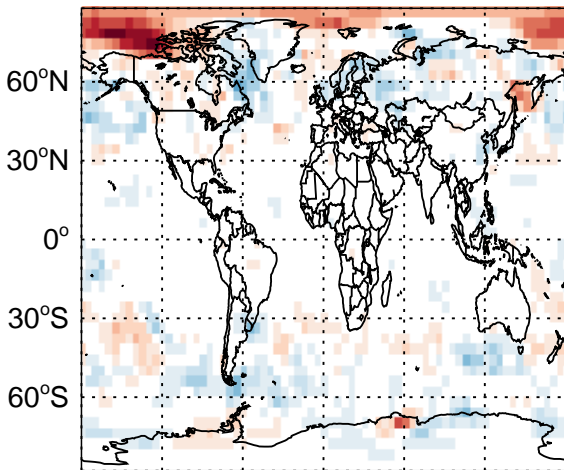


180° 120°W 60°W 0° 60°E 120°E 180°

-2.61e-05 -8.70e-06 8.70e-06 2.61e-05

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

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

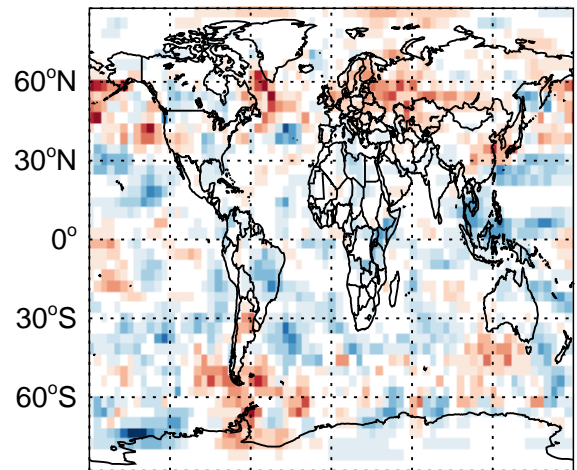


180° 120°W 60°W 0° 60°E 120°E 180°

-1.47e-04 -4.89e-05 4.89e-05 1.47e-04

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

NO3\_O3P - J-Value Diff @ 500 hPa for Apr



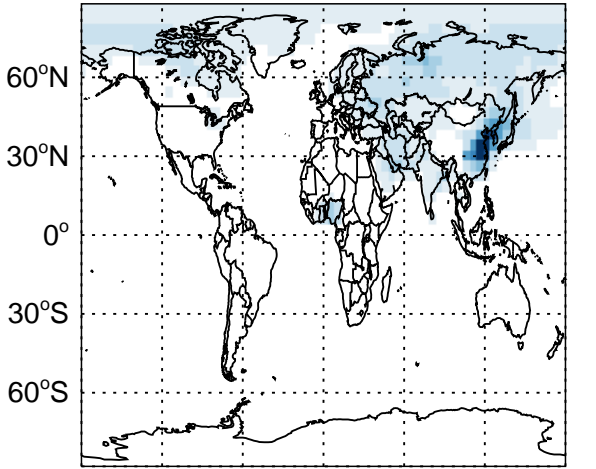
180° 120°W 60°W 0° 60°E 120°E 180°

-1.14e-04 -3.79e-05 3.79e-05 1.14e-04

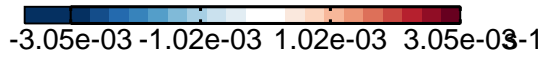
GEOS-Chem J-Values at surface and 500 hPa

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

JBrO - J-Value Diff @ surface for Apr

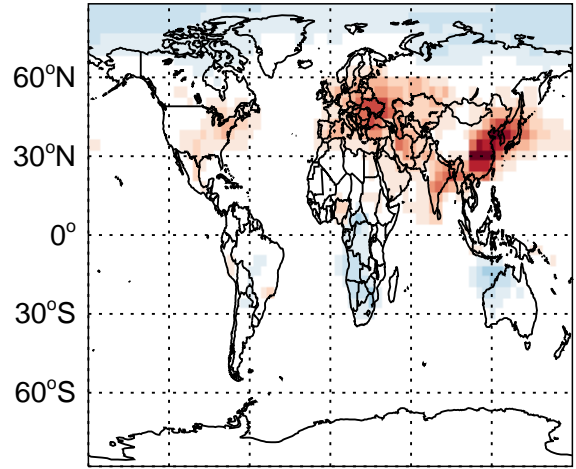


180° 120°W 60°W 0° 60°E 120°E 180°

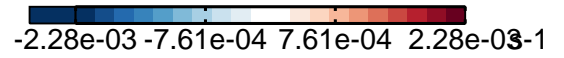


v11-02f-Run0 - v11-02e-Run1

JBrO - J-Value Diff @ 500 hPa for Apr

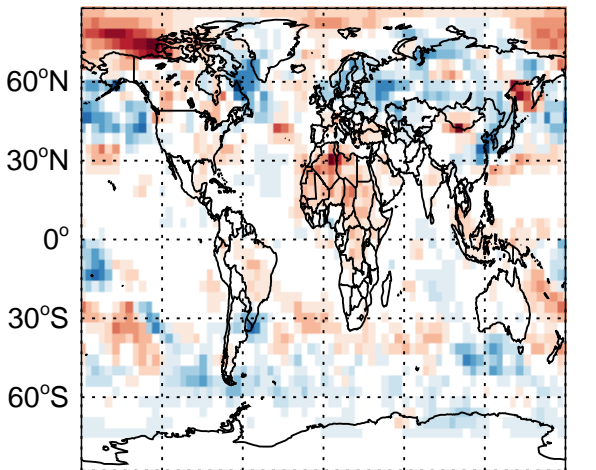


180° 120°W 60°W 0° 60°E 120°E 180°

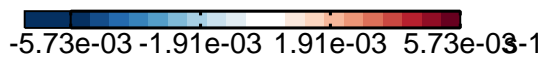


v11-02f-Run0 - v11-02e-Run0

JBrO - J-Value Diff @ surface for Apr

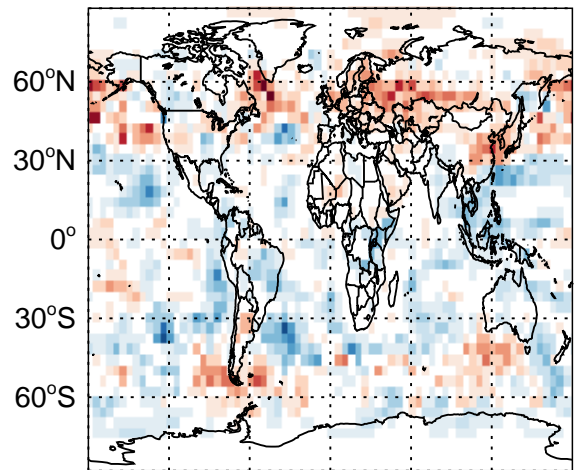


180° 120°W 60°W 0° 60°E 120°E 180°

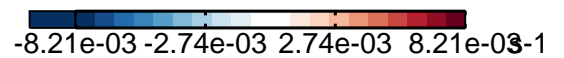


v11-02f-Run0 - v11-02e-Run0

JBrO - J-Value Diff @ 500 hPa for Apr



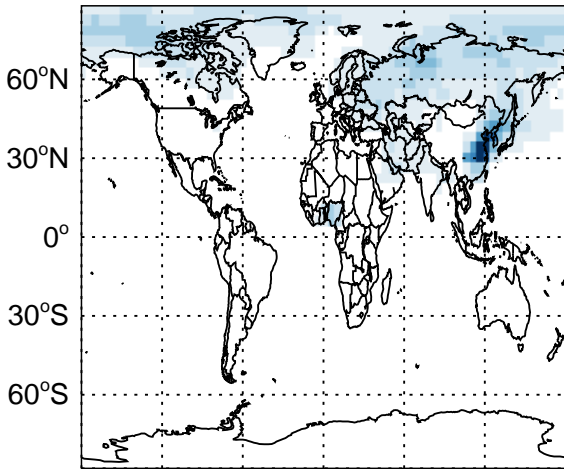
180° 120°W 60°W 0° 60°E 120°E 180°



GEOS-Chem J-Values at surface and 500 hPa

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

JHOBr - J-Value Diff @ surface for Apr

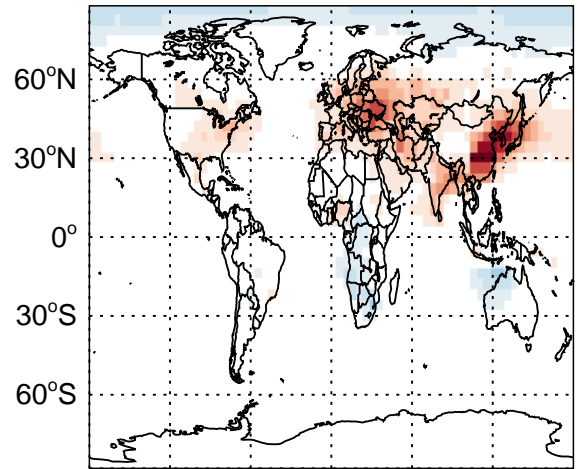


180° 120°W 60°W 0° 60°E 120°E 180°

-1.36e-04 -4.54e-05 4.54e-05 1.36e-04

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

JHOBr - J-Value Diff @ 500 hPa for Apr

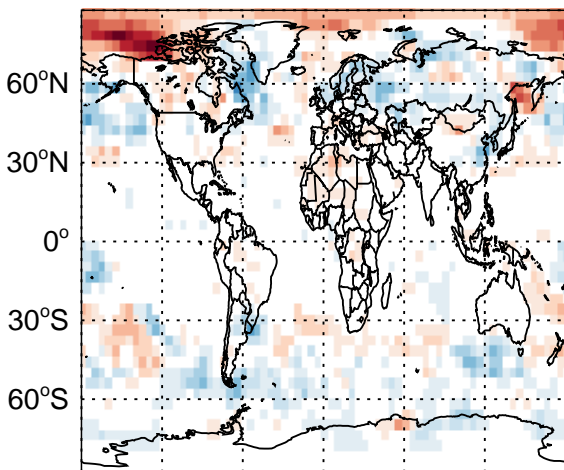


180° 120°W 60°W 0° 60°E 120°E 180°

-1.38e-04 -4.61e-05 4.61e-05 1.38e-04

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

JHOBr - J-Value Diff @ surface for Apr

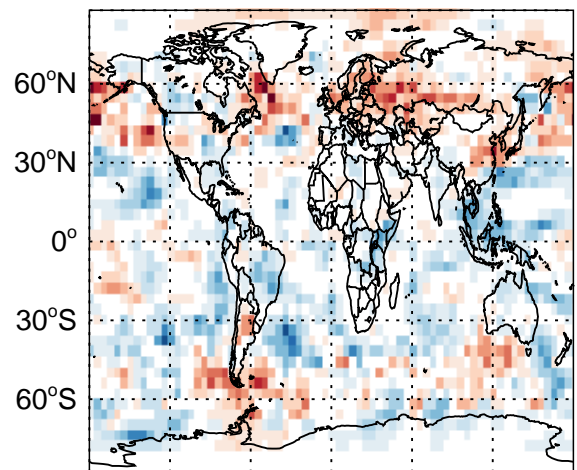


180° 120°W 60°W 0° 60°E 120°E 180°

-5.24e-04 -1.75e-04 1.75e-04 5.24e-04

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

JHOBr - J-Value Diff @ 500 hPa for Apr



180° 120°W 60°W 0° 60°E 120°E 180°

-4.81e-04 -1.60e-04 1.60e-04 4.81e-04

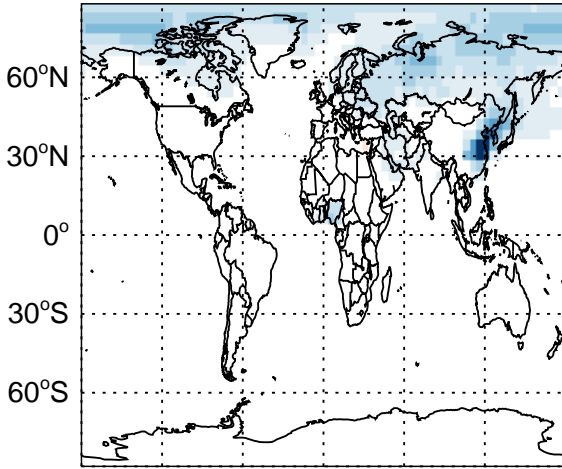


GEOS-Chem J-Values at surface and 500 hPa

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

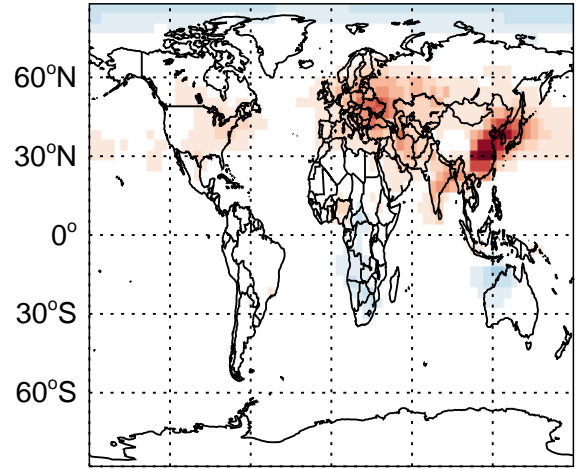
v11-02f-Run0 - v11-02e-Run1

JBrNO<sub>2</sub> - J-Value Diff @ surface for Apr JBrNO<sub>2</sub> - J-Value Diff @ 500 hPa for Apr



180° 120°W 60°W 0° 60°E 120°E 180°

-3.48e-04 -1.16e-04 1.16e-04 3.48e-04



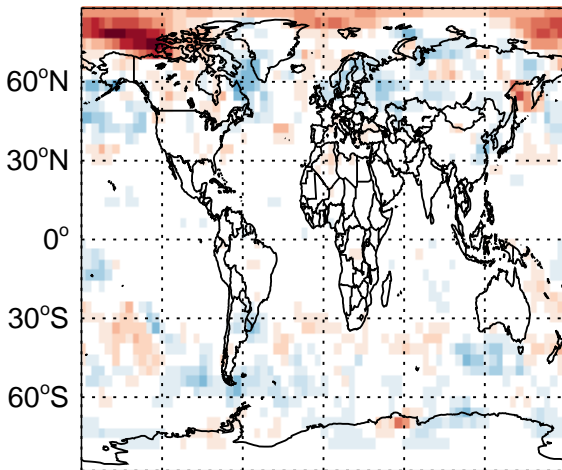
180° 120°W 60°W 0° 60°E 120°E 180°

-4.10e-04 -1.37e-04 1.37e-04 4.10e-04

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

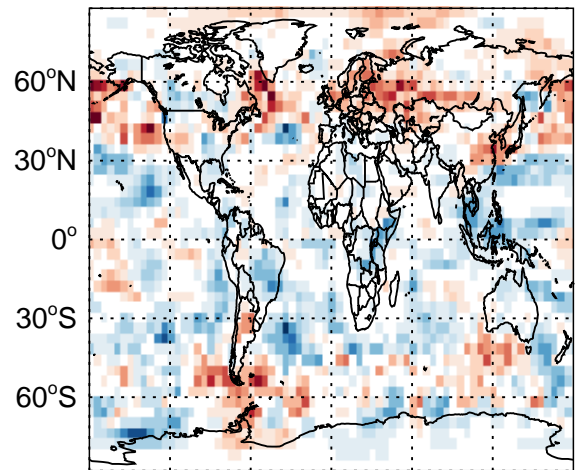
v11-02f-Run0 - v11-02e-Run0

JBrNO<sub>2</sub> - J-Value Diff @ surface for Apr JBrNO<sub>2</sub> - J-Value Diff @ 500 hPa for Apr



180° 120°W 60°W 0° 60°E 120°E 180°

-1.84e-03 -6.13e-04 6.13e-04 1.84e-03



180° 120°W 60°W 0° 60°E 120°E 180°

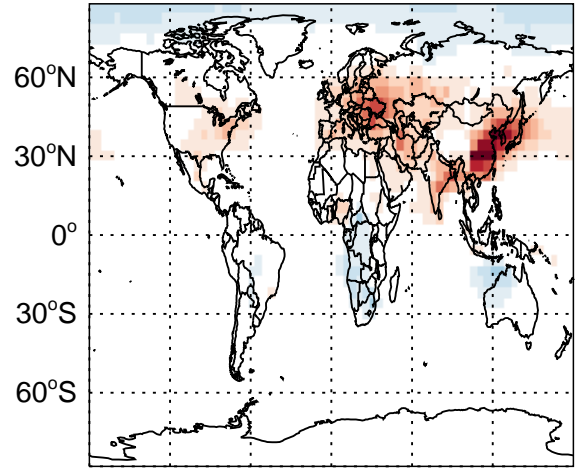
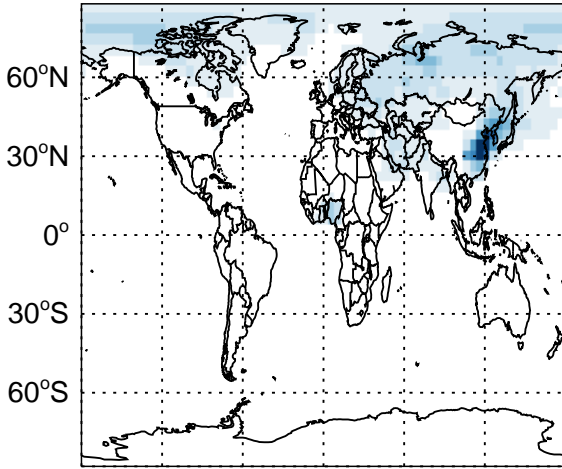
-1.41e-03 -4.71e-04 4.71e-04 1.41e-03

GEOS-Chem J-Values at surface and 500 hPa

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

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

JBrNO<sub>3</sub> - J-Value Diff @ surface for Apr JBrNO<sub>3</sub> - J-Value Diff @ 500 hPa for Apr



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

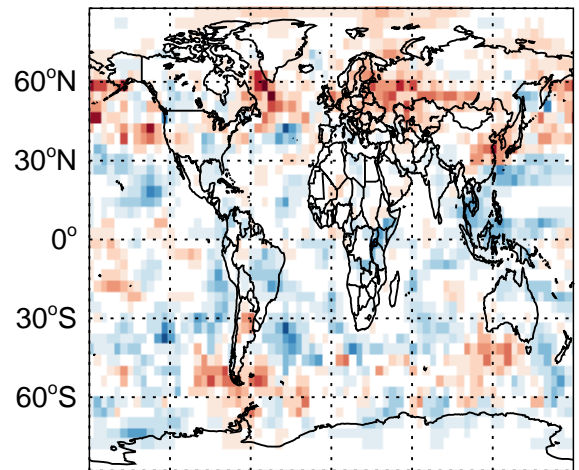
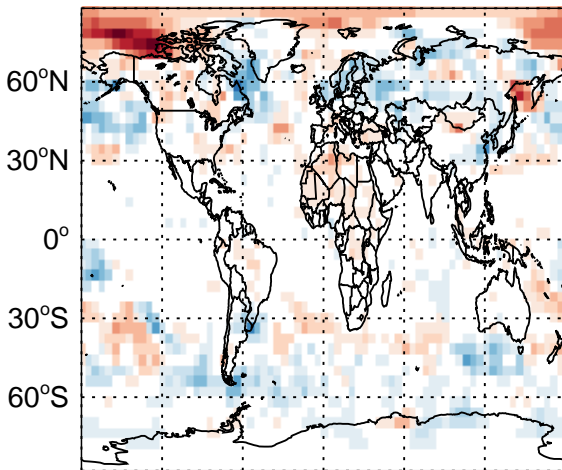
-8.87e-05 -2.96e-05 2.96e-05 8.87e-05

-8.28e-05 -2.76e-05 2.76e-05 8.28e-05

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

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

JBrNO<sub>3</sub> - J-Value Diff @ surface for Apr JBrNO<sub>3</sub> - J-Value Diff @ 500 hPa for Apr



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

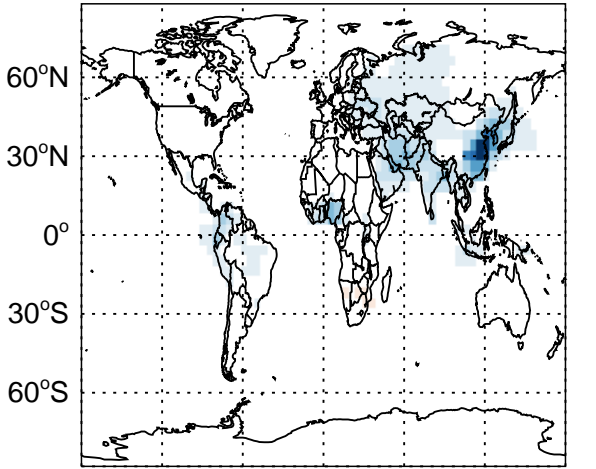
-2.92e-04 -9.74e-05 9.74e-05 2.92e-04

-2.94e-04 -9.80e-05 9.80e-05 2.94e-04

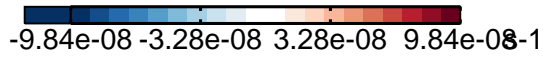
GEOS-Chem J-Values at surface and 500 hPa

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

JCHBr3 - J-Value Diff @ surface for Apr

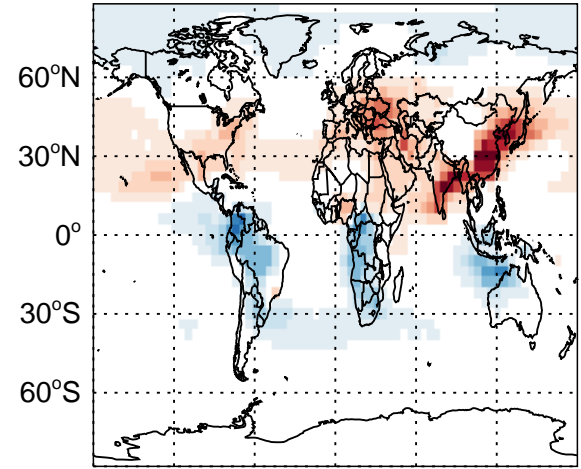


180° 120°W 60°W 0° 60°E 120°E 180°

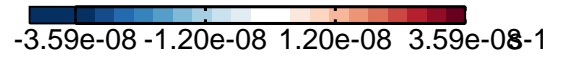


v11-02f-Run0 - v11-02e-Run1

CHBr3 - J-Value Diff @ 500 hPa for Apr

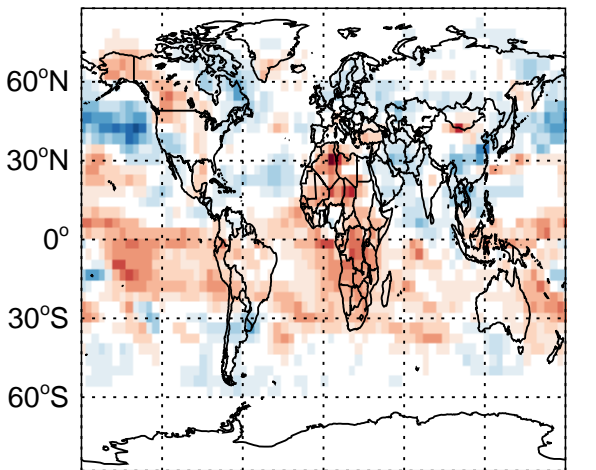


180° 120°W 60°W 0° 60°E 120°E 180°

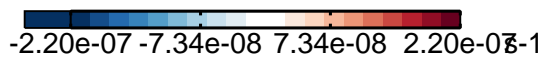


v11-02f-Run0 - v11-02e-Run0

JCHBr3 - J-Value Diff @ surface for Apr

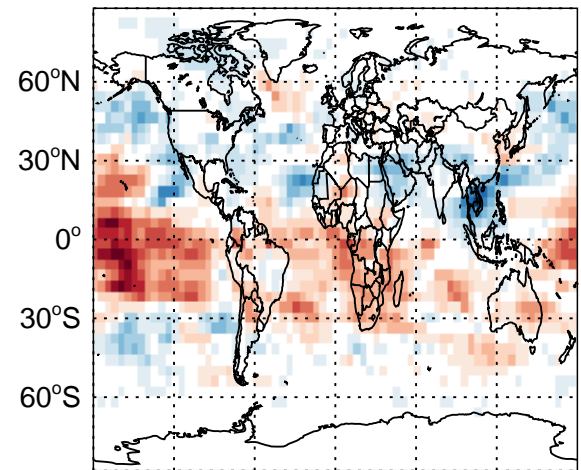


180° 120°W 60°W 0° 60°E 120°E 180°

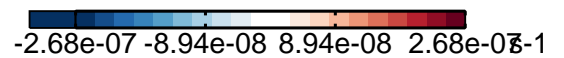


v11-02f-Run0 - v11-02e-Run0

CHBr3 - J-Value Diff @ 500 hPa for Apr



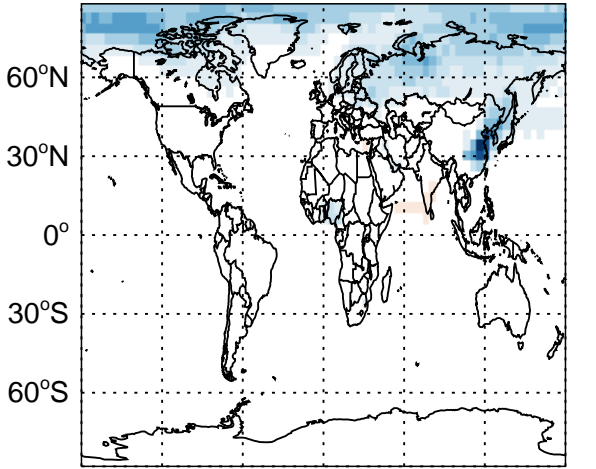
180° 120°W 60°W 0° 60°E 120°E 180°



GEOS-Chem J-Values at surface and 500 hPa

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

JBr2 - J-Value Diff @ surface for Apr

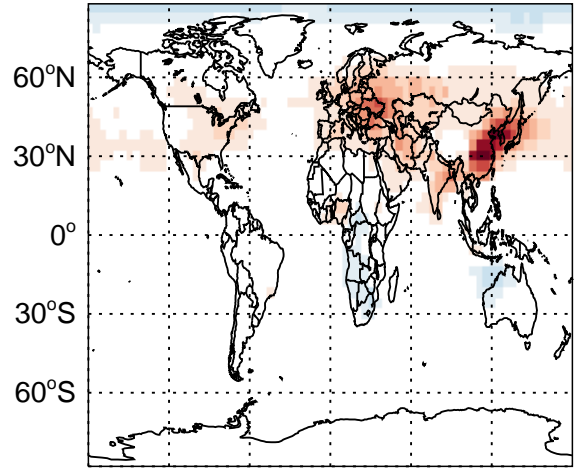


180° 120°W 60°W 0° 60°E 120°E 180°

-1.45e-03 -4.83e-04 4.83e-04 1.45e-03

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

JBr2 - J-Value Diff @ 500 hPa for Apr

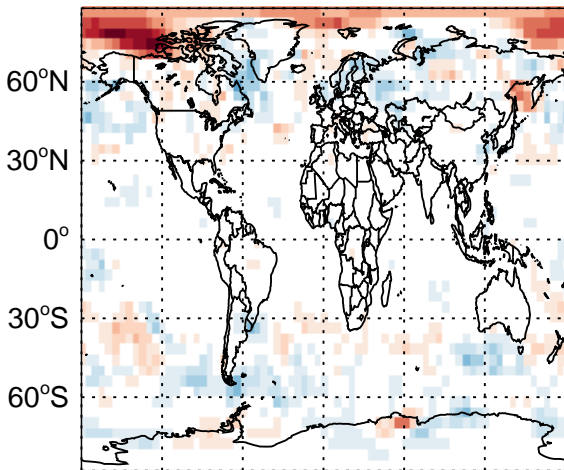


180° 120°W 60°W 0° 60°E 120°E 180°

-2.06e-03 -6.86e-04 6.86e-04 2.06e-03

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

JBr2 - J-Value Diff @ surface for Apr

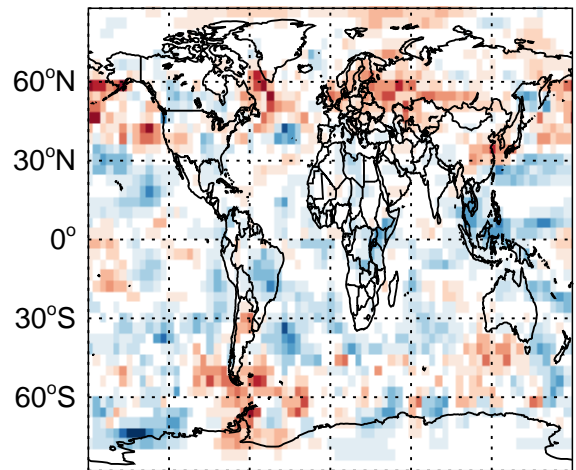


180° 120°W 60°W 0° 60°E 120°E 180°

-1.13e-02 -3.76e-03 3.76e-03 1.13e-03

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

JBr2 - J-Value Diff @ 500 hPa for Apr



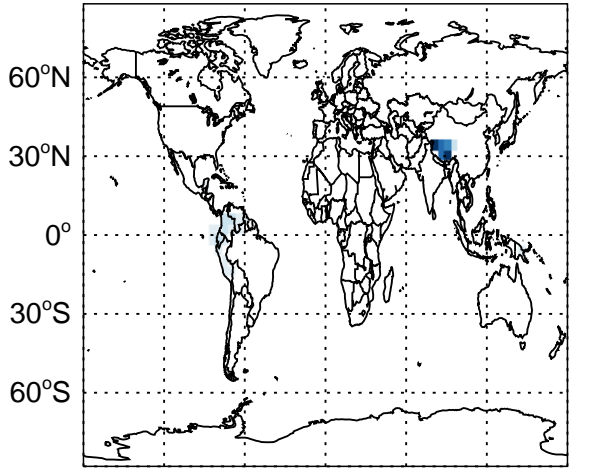
180° 120°W 60°W 0° 60°E 120°E 180°

-8.46e-03 -2.82e-03 2.82e-03 8.46e-03

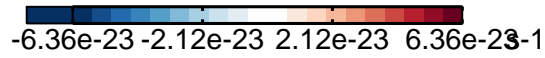
GEOS-Chem J-Values at surface and 500 hPa

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

JO2 - J-Value Diff @ surface for Apr

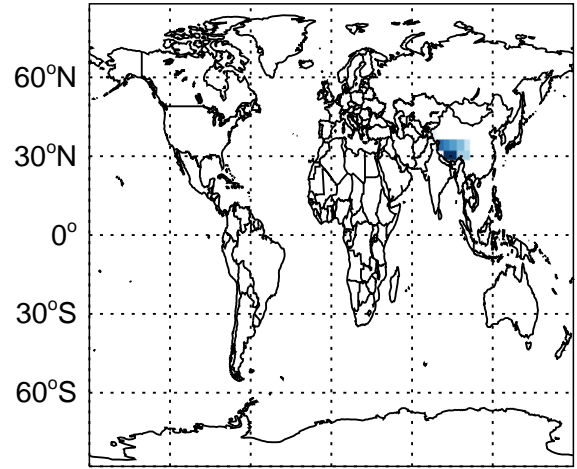


180° 120°W 60°W 0° 60°E 120°E 180°

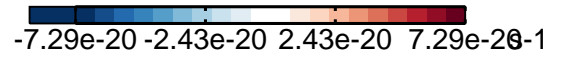


v11-02f-Run0 - v11-02e-Run1

JO2 - J-Value Diff @ 500 hPa for Apr

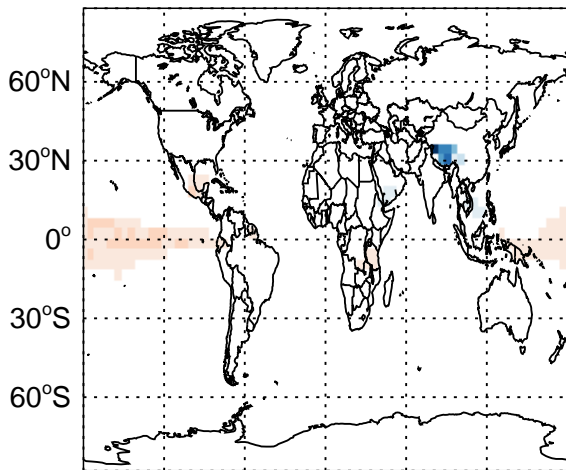


180° 120°W 60°W 0° 60°E 120°E 180°

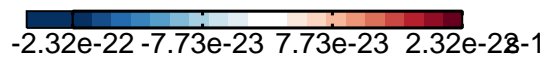


v11-02f-Run0 - v11-02e-Run0

JO2 - J-Value Diff @ surface for Apr

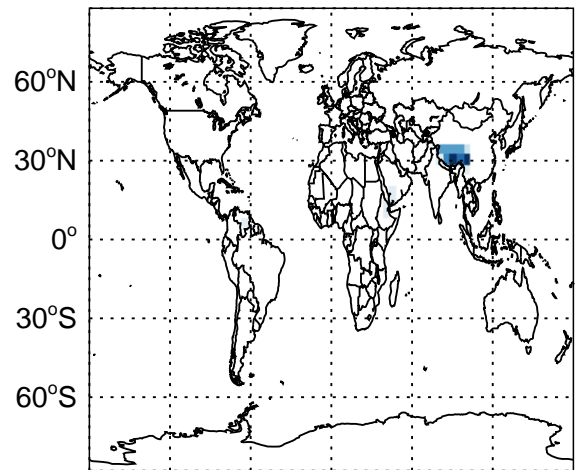


180° 120°W 60°W 0° 60°E 120°E 180°

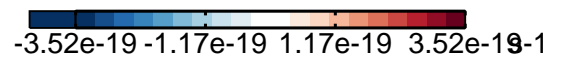


v11-02f-Run0 - v11-02e-Run0

JO2 - J-Value Diff @ 500 hPa for Apr



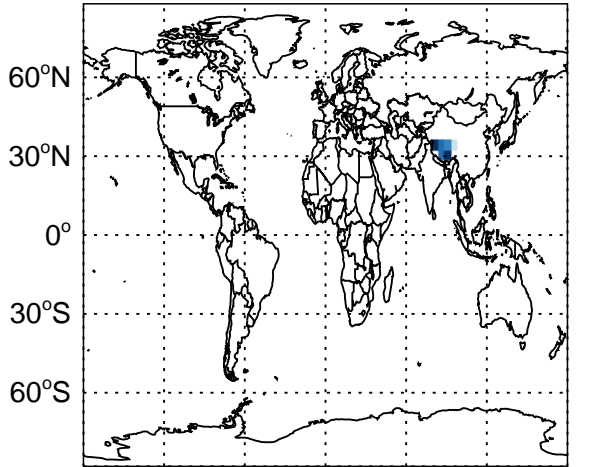
180° 120°W 60°W 0° 60°E 120°E 180°



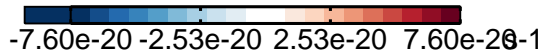
GEOS-Chem J-Values at surface and 500 hPa

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

JN2O - J-Value Diff @ surface for Apr

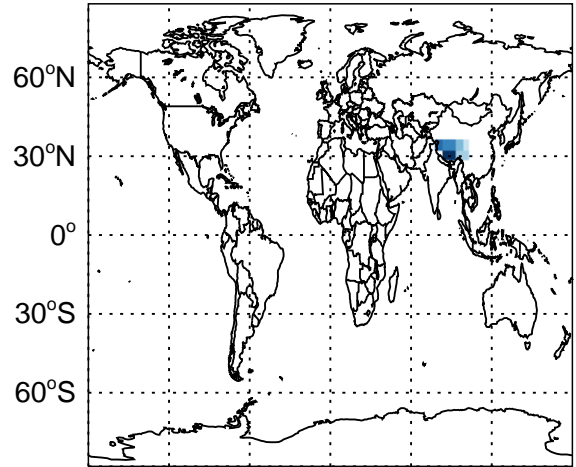


180° 120°W 60°W 0° 60°E 120°E 180°

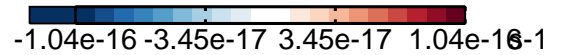


v11-02f-Run0 - v11-02e-Run1

JN2O - J-Value Diff @ 500 hPa for Apr

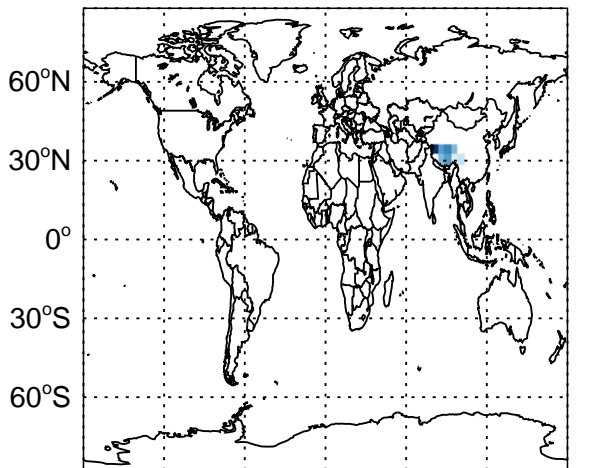


180° 120°W 60°W 0° 60°E 120°E 180°

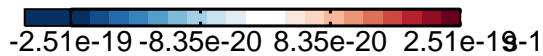


v11-02f-Run0 - v11-02e-Run0

JN2O - J-Value Diff @ surface for Apr

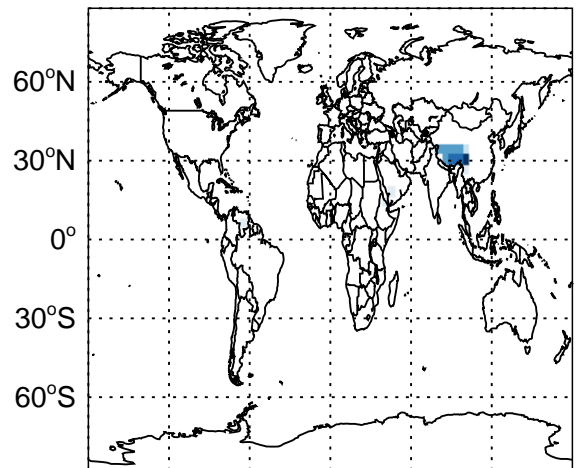


180° 120°W 60°W 0° 60°E 120°E 180°

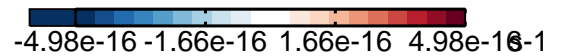


v11-02f-Run0 - v11-02e-Run0

JN2O - J-Value Diff @ 500 hPa for Apr



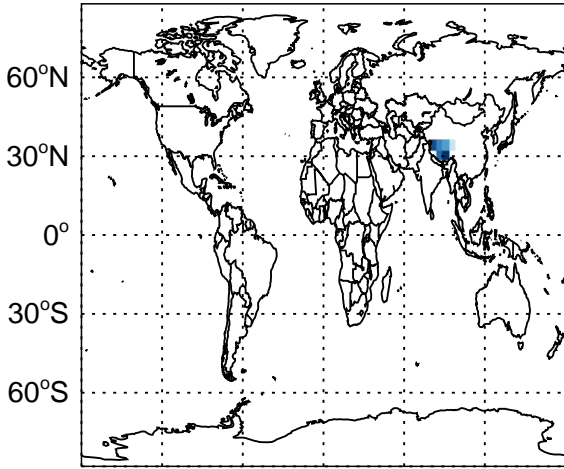
180° 120°W 60°W 0° 60°E 120°E 180°



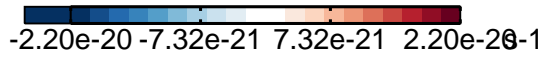
GEOS-Chem J-Values at surface and 500 hPa

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

JNO - J-Value Diff @ surface for Apr

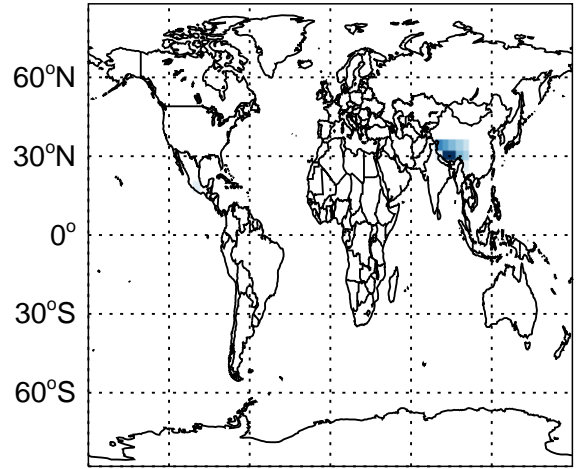


180° 120°W 60°W 0° 60°E 120°E 180°

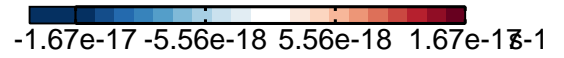


v11-02f-Run0 - v11-02e-Run1

JNO - J-Value Diff @ 500 hPa for Apr

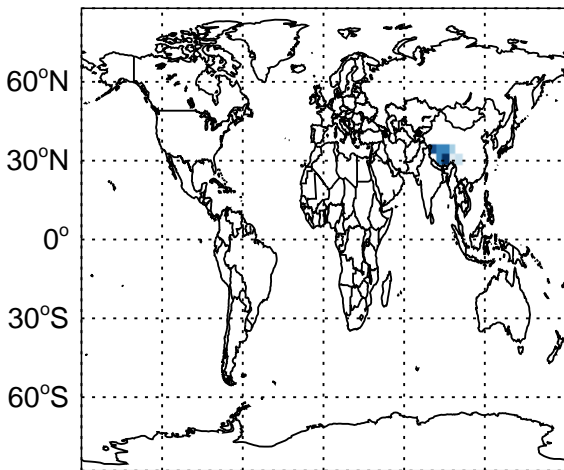


180° 120°W 60°W 0° 60°E 120°E 180°

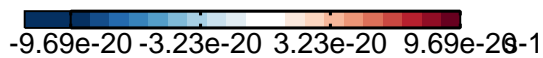


v11-02f-Run0 - v11-02e-Run0

JNO - J-Value Diff @ surface for Apr

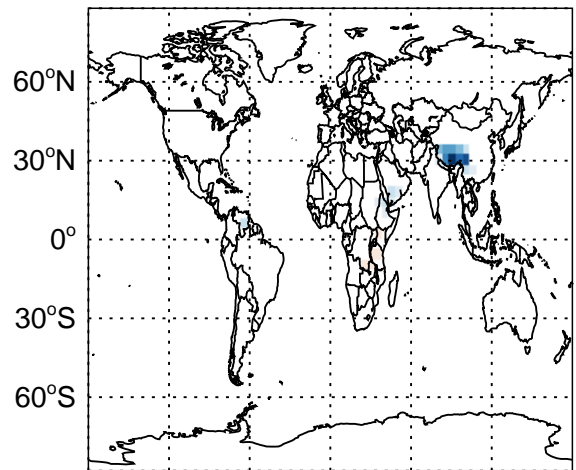


180° 120°W 60°W 0° 60°E 120°E 180°

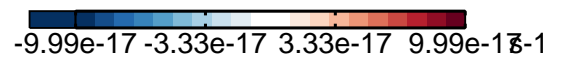


v11-02f-Run0 - v11-02e-Run0

JNO - J-Value Diff @ 500 hPa for Apr



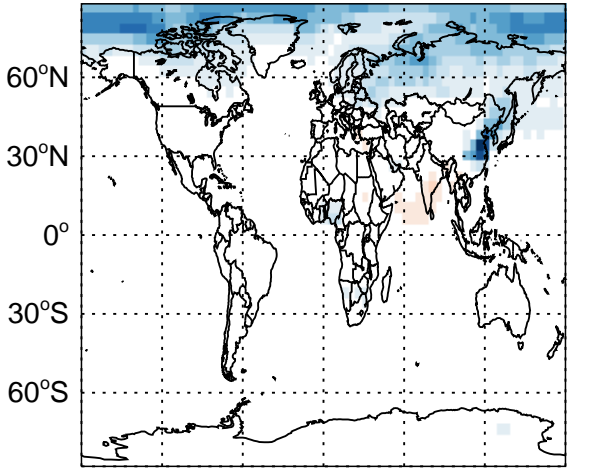
180° 120°W 60°W 0° 60°E 120°E 180°



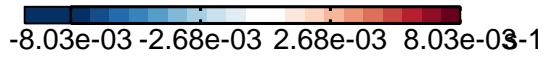
GEOS-Chem J-Values at surface and 500 hPa

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

JNO3 - J-Value Diff @ surface for Apr

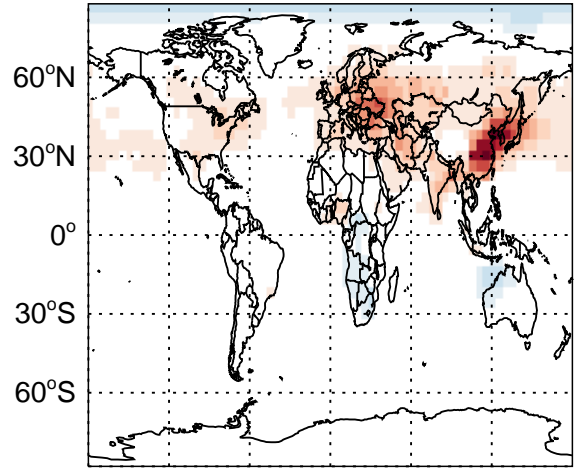


180° 120°W 60°W 0° 60°E 120°E 180°

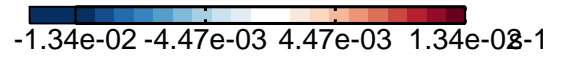


v11-02f-Run0 - v11-02e-Run1

JNO3 - J-Value Diff @ 500 hPa for Apr

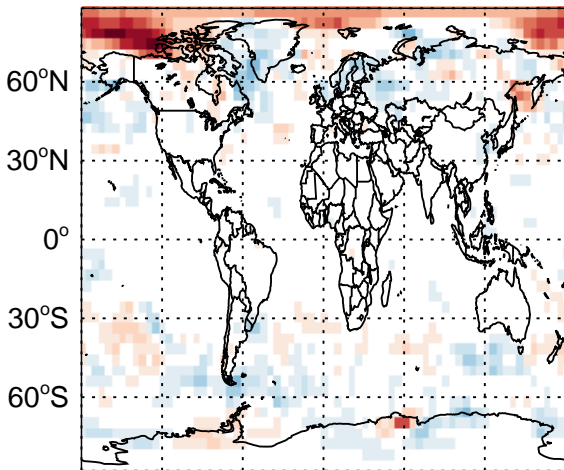


180° 120°W 60°W 0° 60°E 120°E 180°

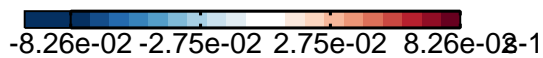


v11-02f-Run0 - v11-02e-Run0

JNO3 - J-Value Diff @ surface for Apr

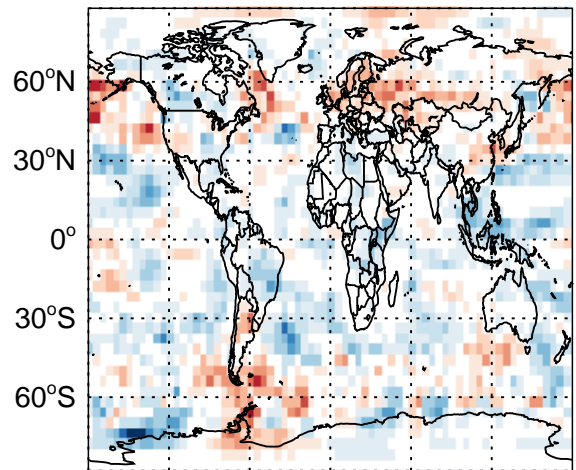


180° 120°W 60°W 0° 60°E 120°E 180°

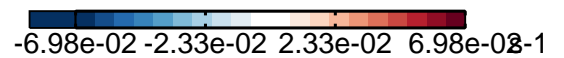


v11-02f-Run0 - v11-02e-Run0

JNO3 - J-Value Diff @ 500 hPa for Apr



180° 120°W 60°W 0° 60°E 120°E 180°





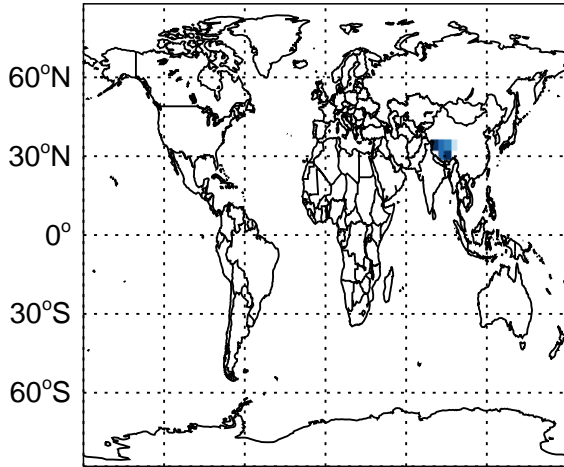
GEOS-Chem J-Values at surface and 500 hPa

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

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

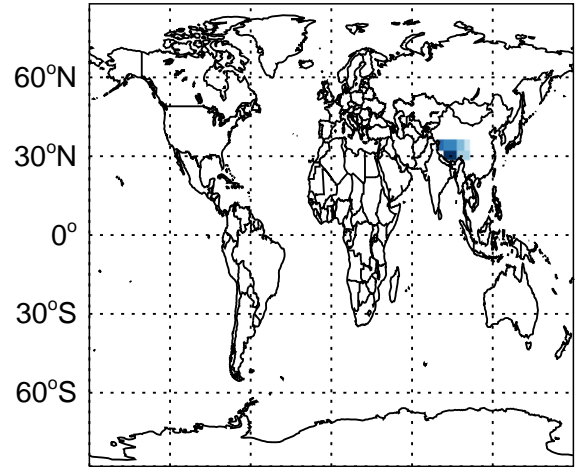
JCFC11 - J-Value Diff @ surface for Apr

JCFC11 - J-Value Diff @ 500 hPa for Apr



180° 120°W 60°W 0° 60°E 120°E 180°

-1.49e-18 -4.97e-19 4.97e-19 1.49e-18



180° 120°W 60°W 0° 60°E 120°E 180°

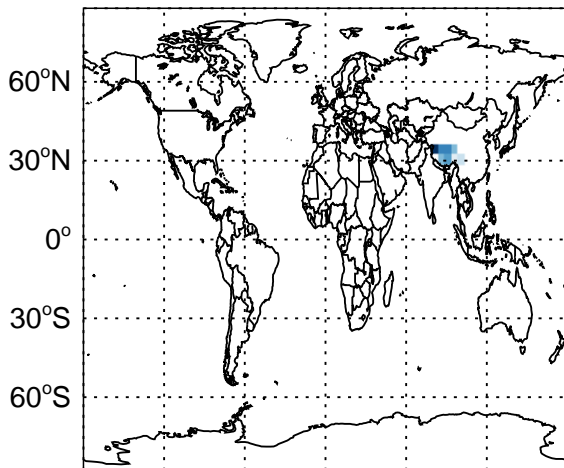
-2.04e-15 -6.81e-16 6.81e-16 2.04e-15

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

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

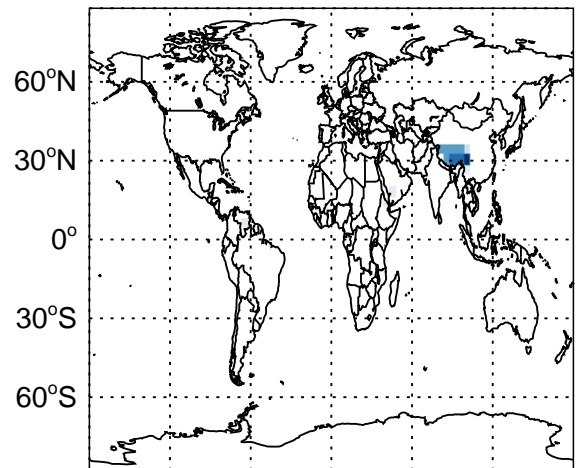
JCFC11 - J-Value Diff @ surface for Apr

JCFC11 - J-Value Diff @ 500 hPa for Apr



180° 120°W 60°W 0° 60°E 120°E 180°

-5.05e-18 -1.68e-18 1.68e-18 5.05e-18



180° 120°W 60°W 0° 60°E 120°E 180°

-9.77e-15 -3.26e-15 3.26e-15 9.77e-15

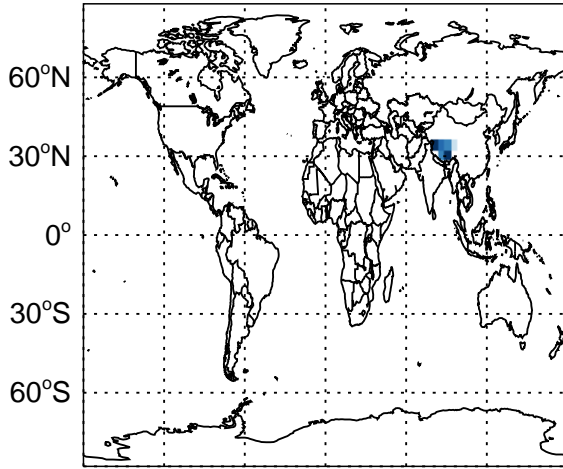
GEOS-Chem J-Values at surface and 500 hPa

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

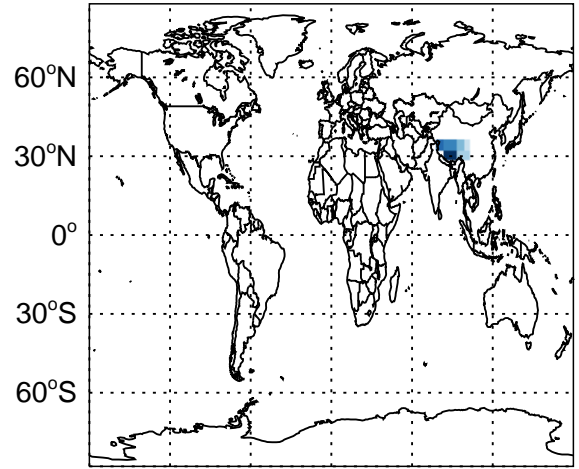
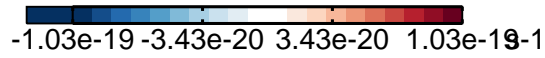
v11-02f-Run0 - v11-02e-Run1

JCFC12 - J-Value Diff @ surface for Apr

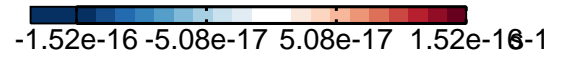
JCFC12 - J-Value Diff @ 500 hPa for Apr



180° 120°W 60°W 0° 60°E 120°E 180°



180° 120°W 60°W 0° 60°E 120°E 180°

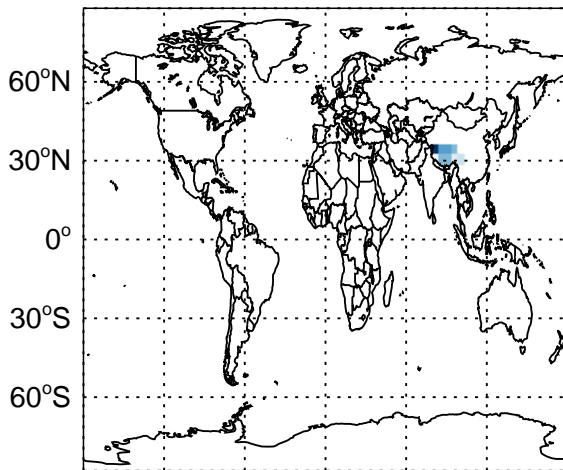


v11-02f-Run0 - v11-02e-Run0

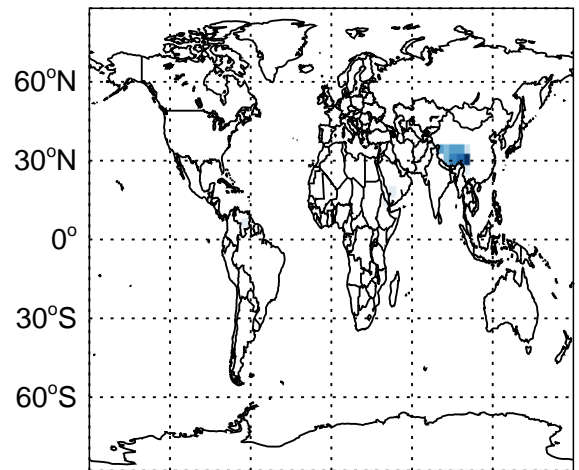
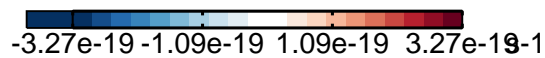
v11-02f-Run0 - v11-02e-Run0

JCFC12 - J-Value Diff @ surface for Apr

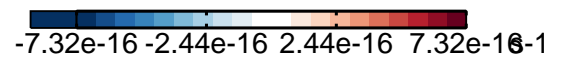
JCFC12 - J-Value Diff @ 500 hPa for Apr



180° 120°W 60°W 0° 60°E 120°E 180°



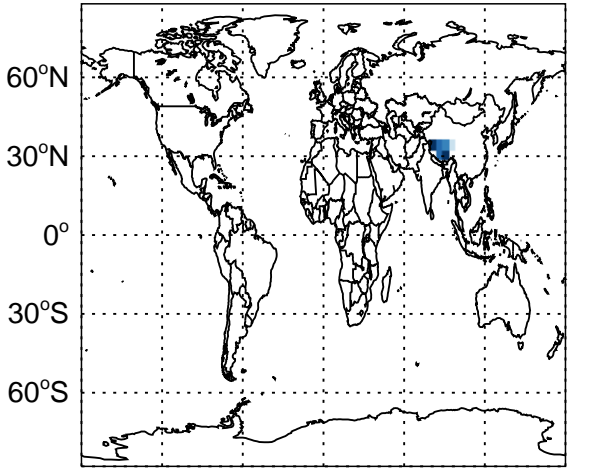
180° 120°W 60°W 0° 60°E 120°E 180°



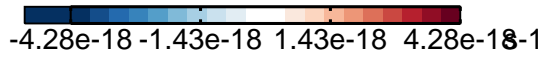
GEOS-Chem J-Values at surface and 500 hPa

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

JCCI4 - J-Value Diff @ surface for Apr

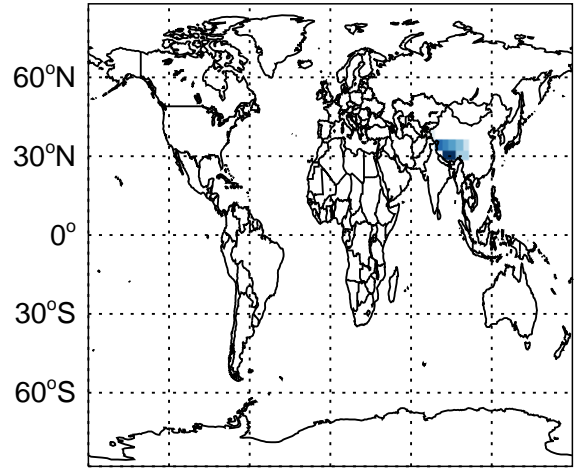


180° 120°W 60°W 0° 60°E 120°E 180°

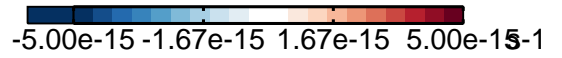


v11-02f-Run0 - v11-02e-Run1

JCCI4 - J-Value Diff @ 500 hPa for Apr

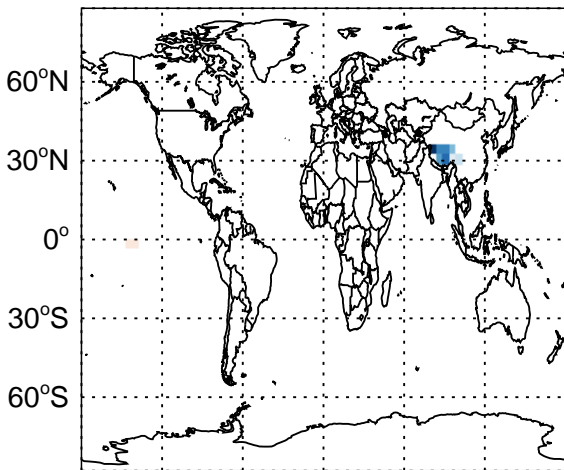


180° 120°W 60°W 0° 60°E 120°E 180°

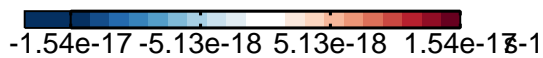


v11-02f-Run0 - v11-02e-Run0

JCCI4 - J-Value Diff @ surface for Apr

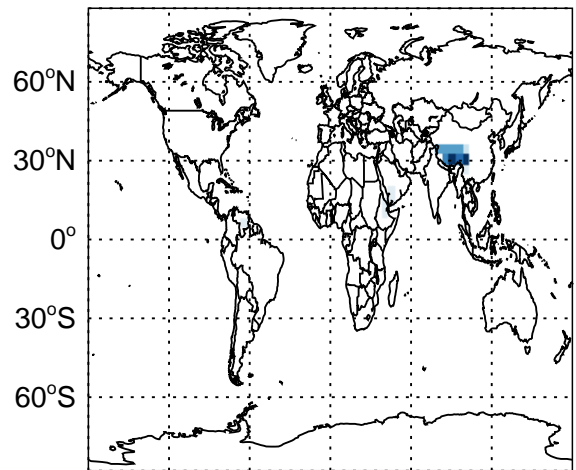


180° 120°W 60°W 0° 60°E 120°E 180°

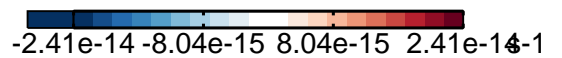


v11-02f-Run0 - v11-02e-Run0

JCCI4 - J-Value Diff @ 500 hPa for Apr



180° 120°W 60°W 0° 60°E 120°E 180°

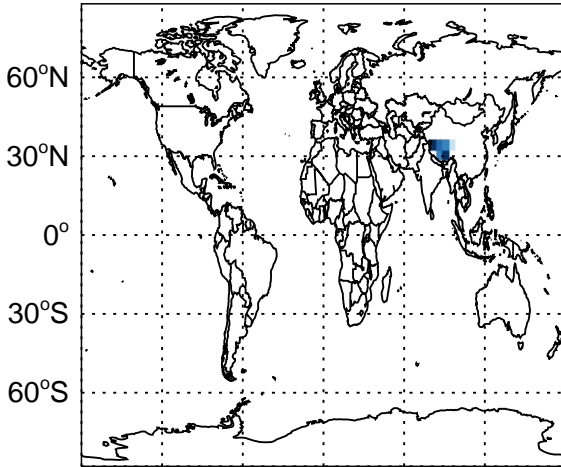


GEOS-Chem J-Values at surface and 500 hPa

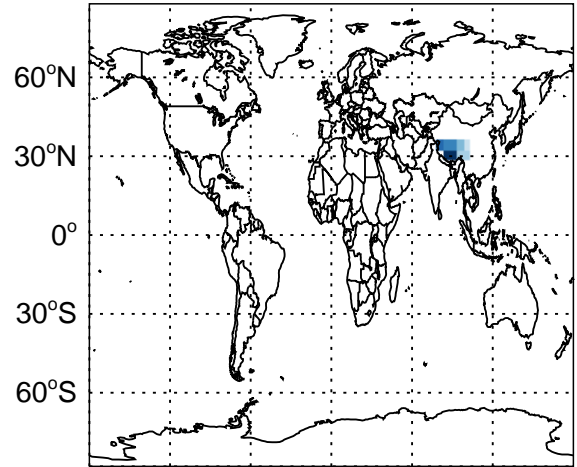
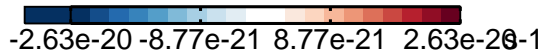
v11-02f-Run0 - v11-02e-Run1

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

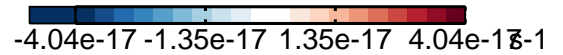
JCH3Cl - J-Value Diff @ surface for Apr | CH3Cl - J-Value Diff @ 500 hPa for Apr



180° 120°W 60°W 0° 60°E 120°E 180°



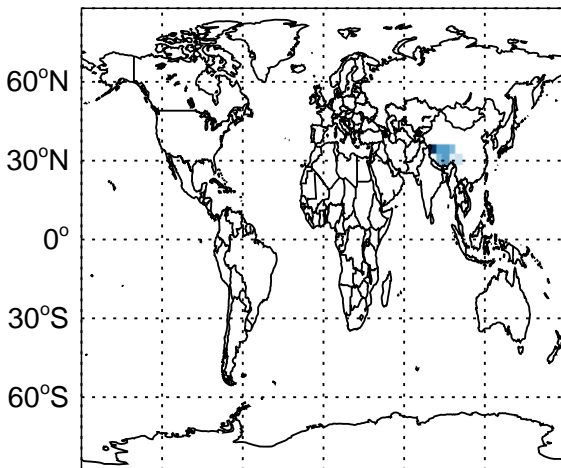
180° 120°W 60°W 0° 60°E 120°E 180°



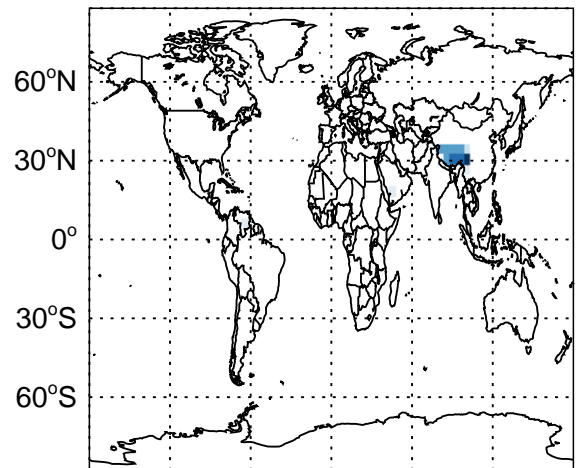
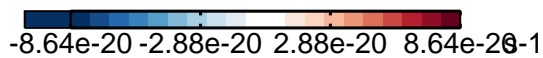
v11-02f-Run0 - v11-02e-Run0

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

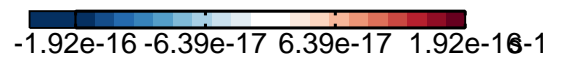
JCH3Cl - J-Value Diff @ surface for Apr | CH3Cl - J-Value Diff @ 500 hPa for Apr



180° 120°W 60°W 0° 60°E 120°E 180°



180° 120°W 60°W 0° 60°E 120°E 180°

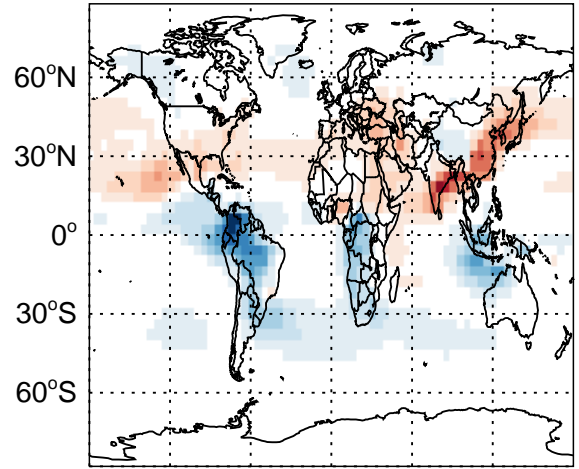
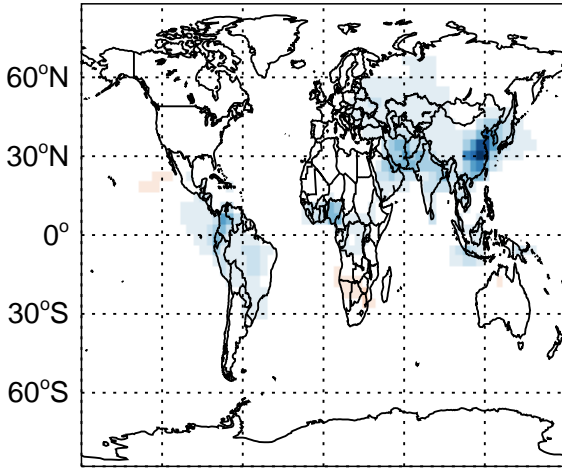


GEOS-Chem J-Values at surface and 500 hPa

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

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

JACET - J-Value Diff @ surface for Apr JACET - J-Value Diff @ 500 hPa for Apr



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

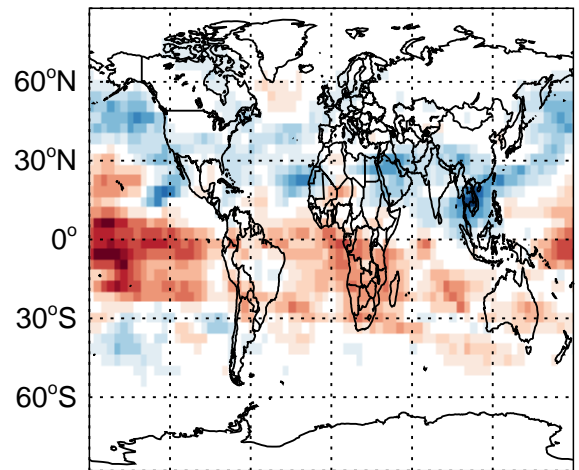
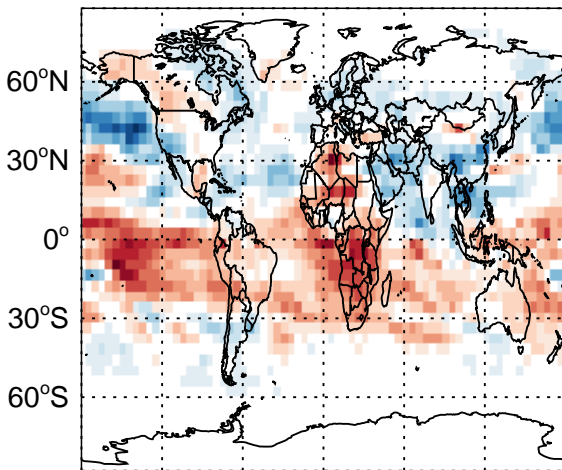
-5.19e-08 -1.73e-08 1.73e-08 5.19e-08

-2.91e-08 -9.71e-09 9.71e-09 2.91e-08

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

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

JACET - J-Value Diff @ surface for Apr JACET - J-Value Diff @ 500 hPa for Apr



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

-1.27e-07 -4.24e-08 4.24e-08 1.27e-07

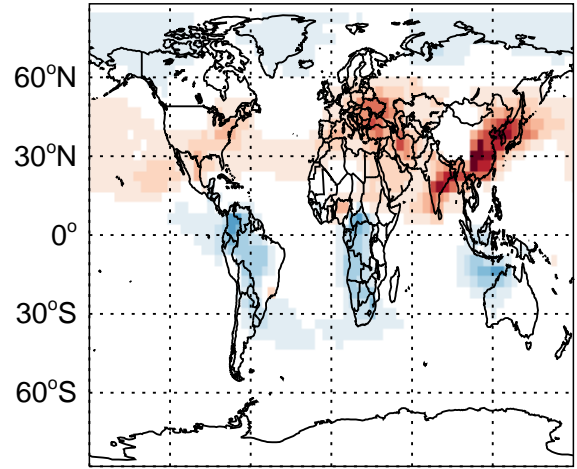
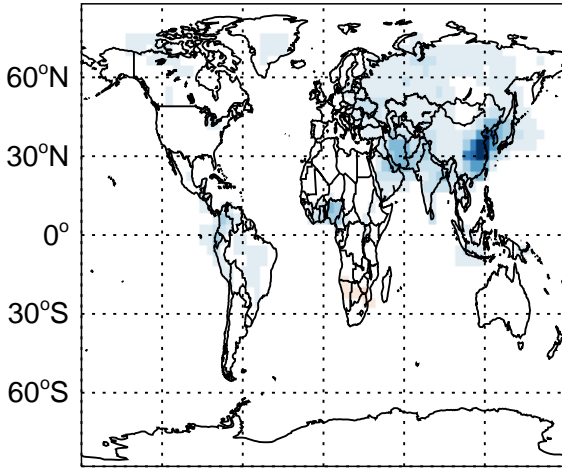
-2.59e-07 -8.63e-08 8.63e-08 2.59e-07

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 Apr JALD2 - J-Value Diff @ 500 hPa for Apr



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

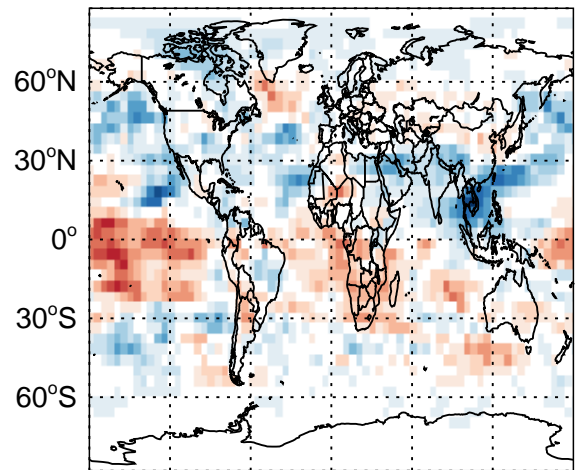
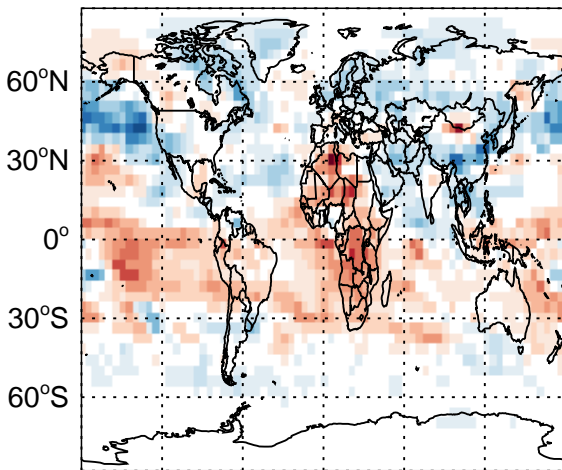
-3.16e-07 -1.05e-07 1.05e-07 3.16e-07

-3.00e-07 -9.98e-08 9.98e-08 3.00e-07

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

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

JALD2 - J-Value Diff @ surface for Apr JALD2 - J-Value Diff @ 500 hPa for Apr



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

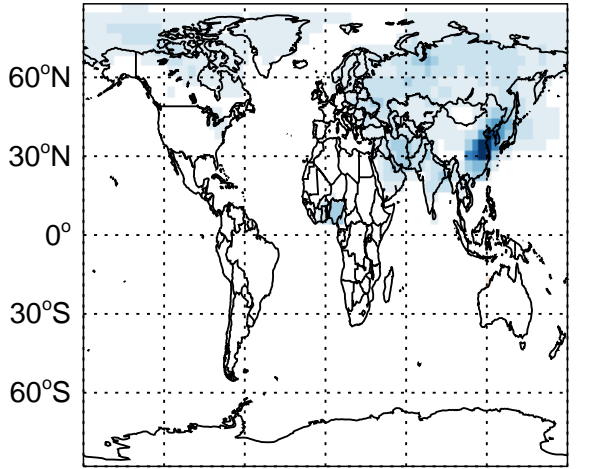
-7.05e-07 -2.35e-07 2.35e-07 7.05e-07

-1.63e-06 -5.44e-07 5.44e-07 1.63e-06

GEOS-Chem J-Values at surface and 500 hPa

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

JMVK - J-Value Diff @ surface for Apr

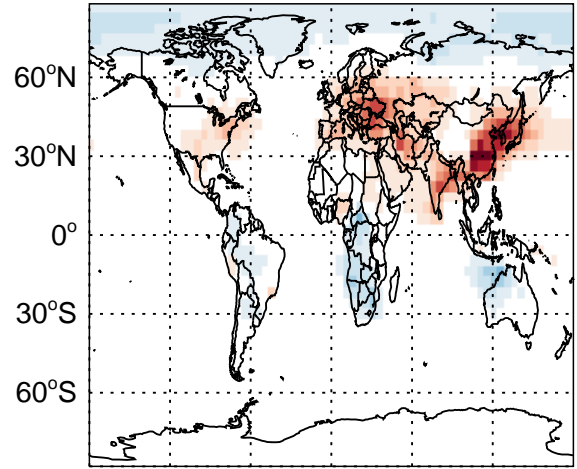


180° 120°W 60°W 0° 60°E 120°E 180°

-3.57e-07 -1.19e-07 1.19e-07 3.57e-07

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

JMVK - J-Value Diff @ 500 hPa for Apr

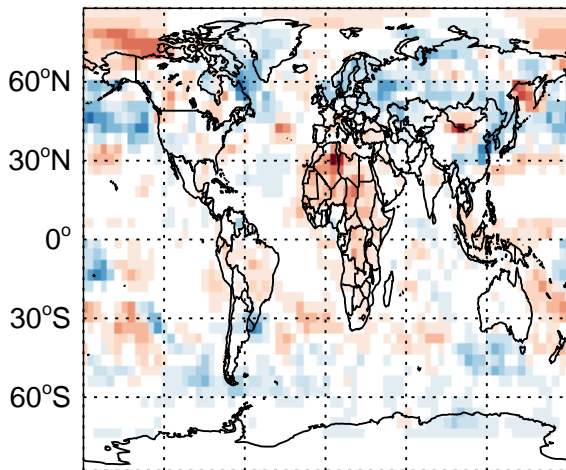


180° 120°W 60°W 0° 60°E 120°E 180°

-4.11e-07 -1.37e-07 1.37e-07 4.11e-07

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

JMVK - J-Value Diff @ surface for Apr

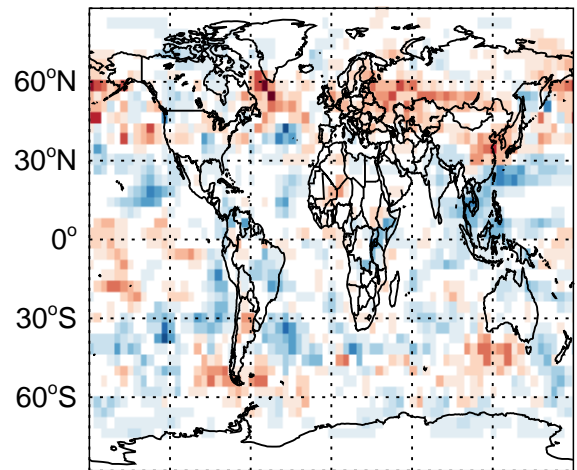


180° 120°W 60°W 0° 60°E 120°E 180°

-7.42e-07 -2.47e-07 2.47e-07 7.42e-07

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

JMVK - J-Value Diff @ 500 hPa for Apr



180° 120°W 60°W 0° 60°E 120°E 180°

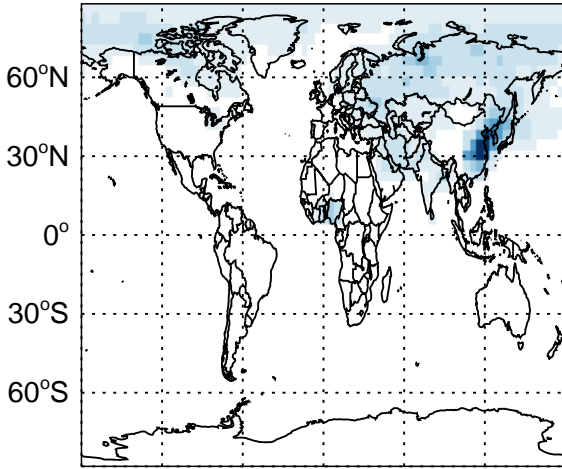
-1.42e-06 -4.73e-07 4.73e-07 1.42e-06

GEOS-Chem J-Values at surface and 500 hPa

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

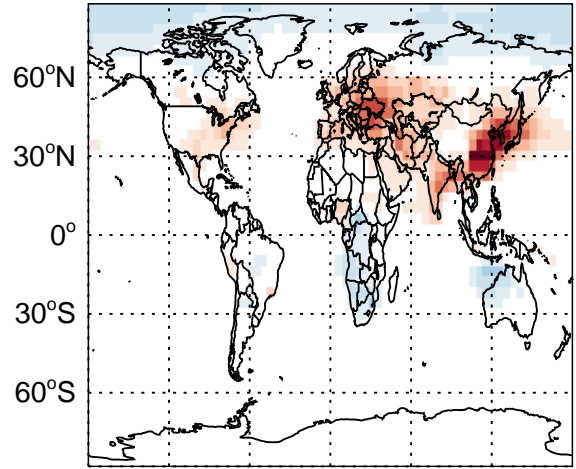
v11-02f-Run0 - v11-02e-Run1

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



180° 120°W 60°W 0° 60°E 120°E 180°

-1.19e-07 -3.98e-08 3.98e-08 1.19e-07



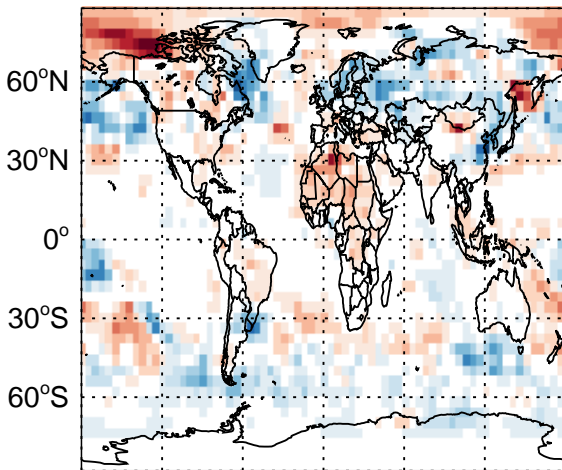
180° 120°W 60°W 0° 60°E 120°E 180°

-9.42e-08 -3.14e-08 3.14e-08 9.42e-08

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

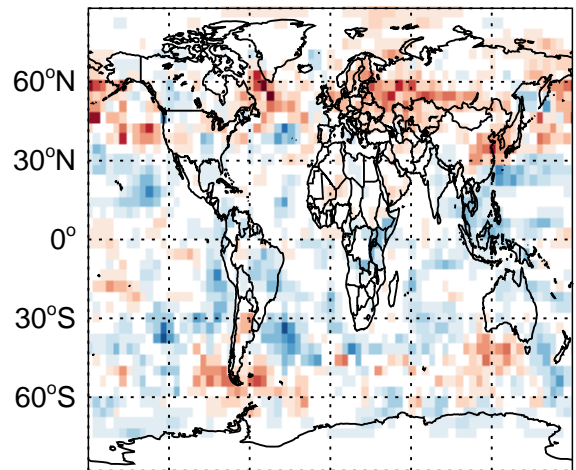
v11-02f-Run0 - v11-02e-Run0

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



180° 120°W 60°W 0° 60°E 120°E 180°

-2.44e-07 -8.14e-08 8.14e-08 2.44e-07



180° 120°W 60°W 0° 60°E 120°E 180°

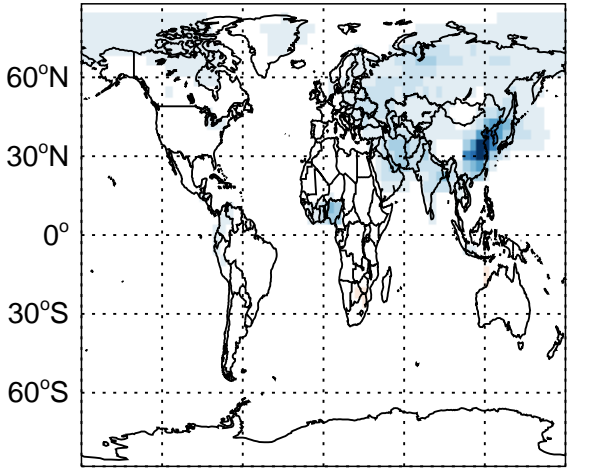
-3.34e-07 -1.11e-07 1.11e-07 3.34e-07



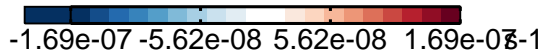
GEOS-Chem J-Values at surface and 500 hPa

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

JHAC - J-Value Diff @ surface for Apr

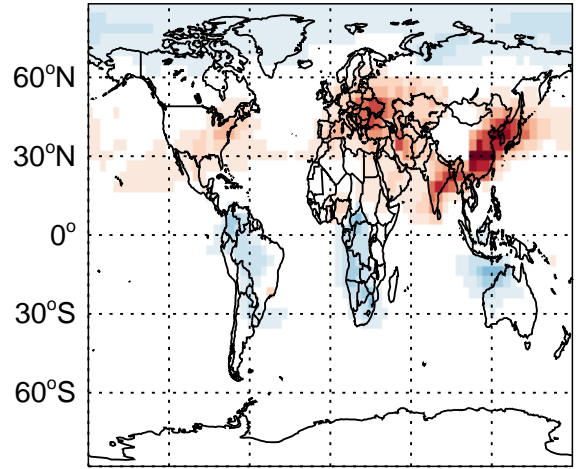


180° 120°W 60°W 0° 60°E 120°E 180°

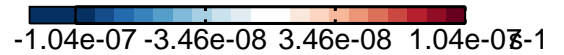


v11-02f-Run0 - v11-02e-Run1

JHAC - J-Value Diff @ 500 hPa for Apr

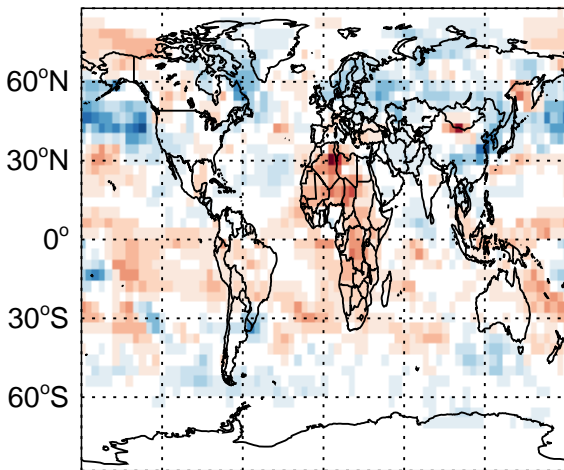


180° 120°W 60°W 0° 60°E 120°E 180°

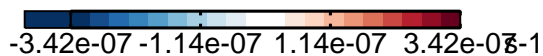


v11-02f-Run0 - v11-02e-Run0

JHAC - J-Value Diff @ surface for Apr

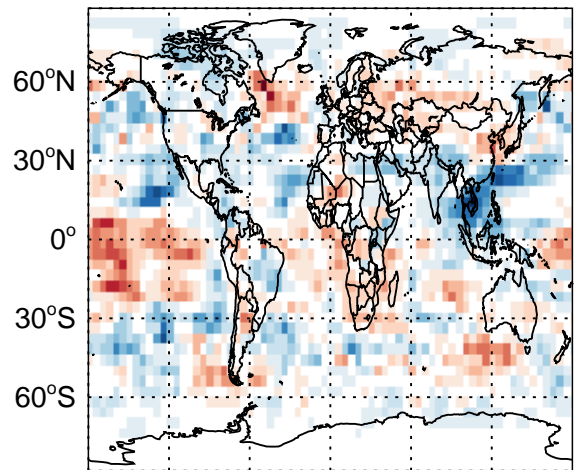


180° 120°W 60°W 0° 60°E 120°E 180°

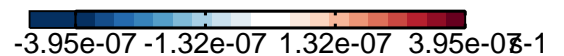


v11-02f-Run0 - v11-02e-Run0

JHAC - J-Value Diff @ 500 hPa for Apr



180° 120°W 60°W 0° 60°E 120°E 180°

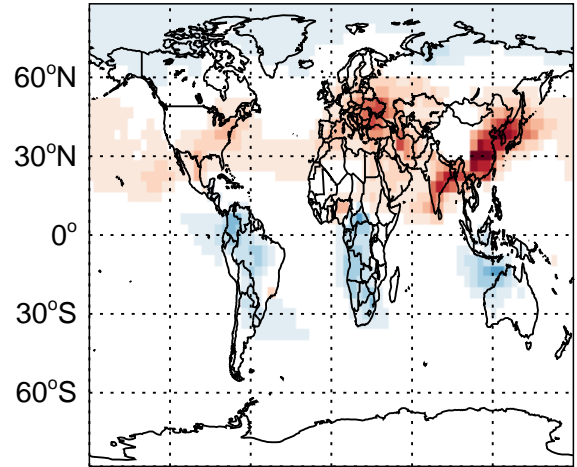
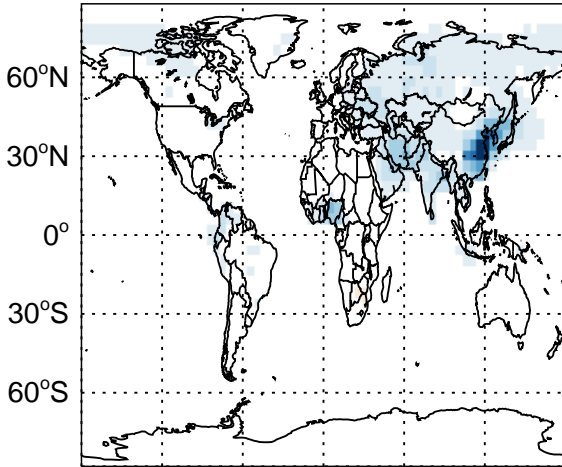


GEOS-Chem J-Values at surface and 500 hPa

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

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

JGLYC - J-Value Diff @ surface for Apr JGLYC - J-Value Diff @ 500 hPa for Apr



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

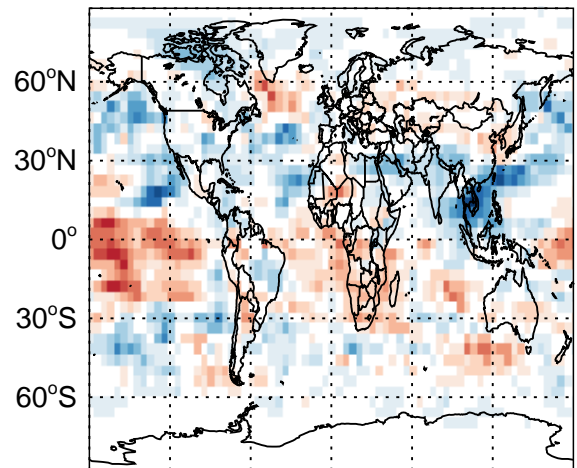
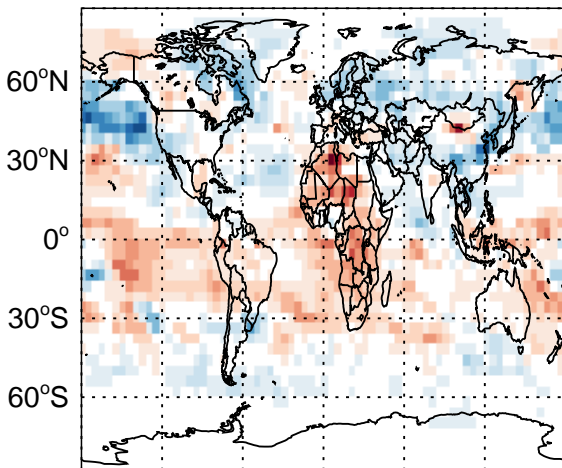
-9.22e-07 -3.07e-07 3.07e-07 9.22e-07

-5.47e-07 -1.82e-07 1.82e-07 5.47e-07

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

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

JGLYC - J-Value Diff @ surface for Apr JGLYC - J-Value Diff @ 500 hPa for Apr



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

-1.94e-06 -6.48e-07 6.48e-07 1.94e-06

-2.60e-06 -8.67e-07 8.67e-07 2.60e-06