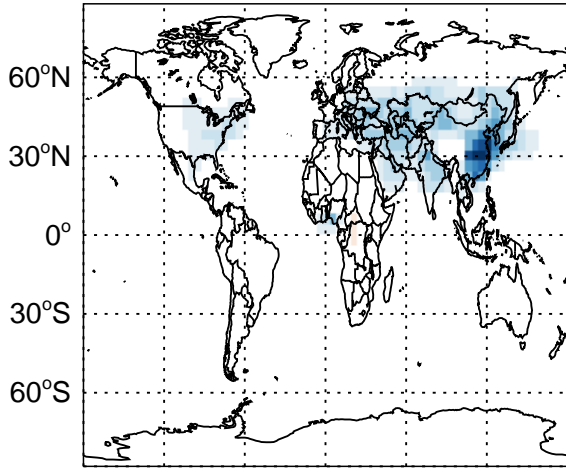


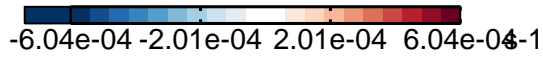
GEOS-Chem J-Values at surface and 500 hPa

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

JNO2 - J-Value Diff @ surface for Jan

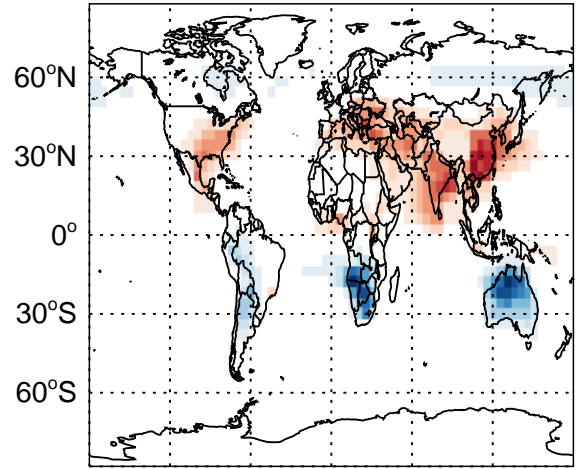


180° 120°W 60°W 0° 60°E 120°E 180°

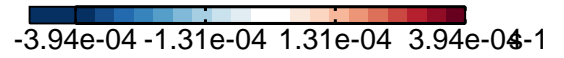


v11-02f-Run0 - v11-02e-Run1

JNO2 - J-Value Diff @ 500 hPa for Jan

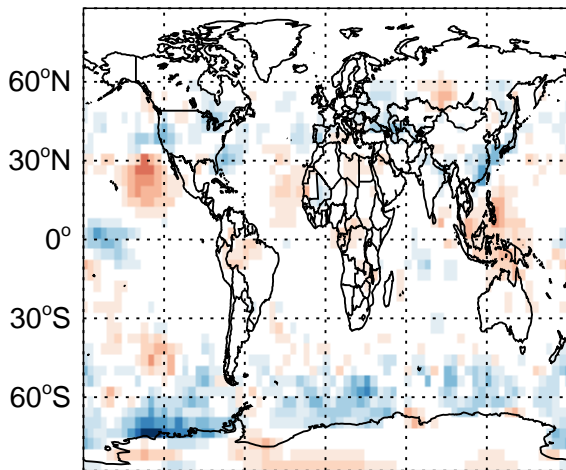


180° 120°W 60°W 0° 60°E 120°E 180°

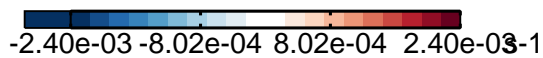


v11-02f-Run0 - v11-02e-Run0

JNO2 - J-Value Diff @ surface for Jan

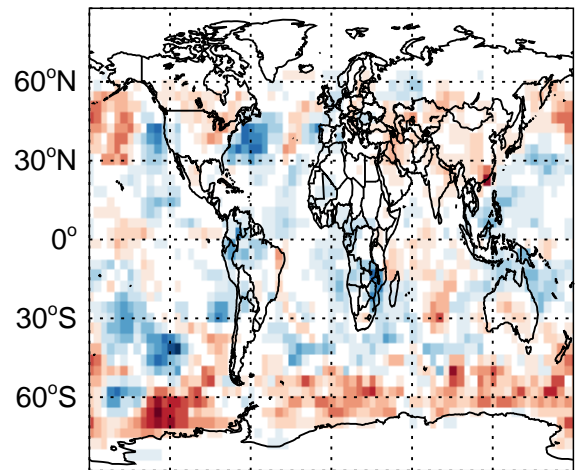


180° 120°W 60°W 0° 60°E 120°E 180°

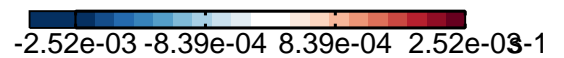


v11-02f-Run0 - v11-02e-Run0

JNO2 - J-Value Diff @ 500 hPa for Jan



180° 120°W 60°W 0° 60°E 120°E 180°

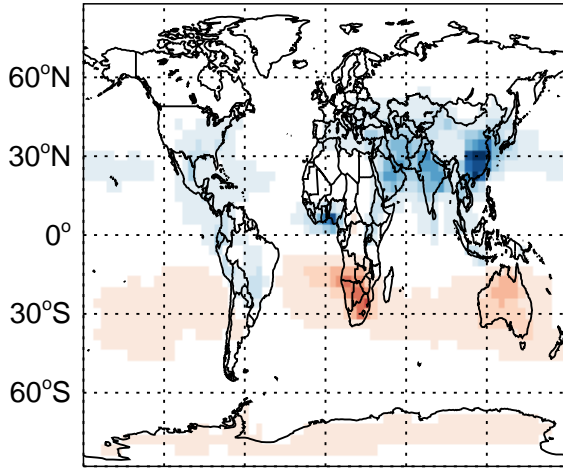


GEOS-Chem J-Values at surface and 500 hPa

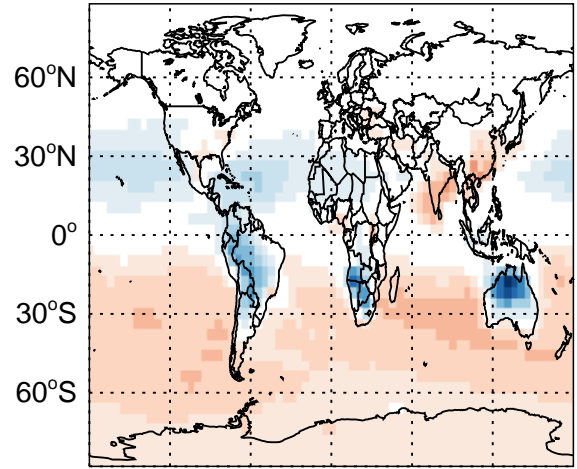
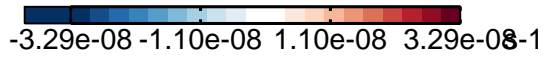
v11-02f-Run0 - v11-02e-Run1

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

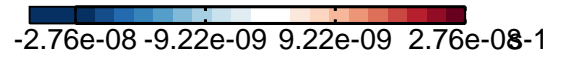
JHNO₃ - J-Value Diff @ surface for Jan JHNO₃ - J-Value Diff @ 500 hPa for Jan



180° 120°W 60°W 0° 60°E 120°E 180°



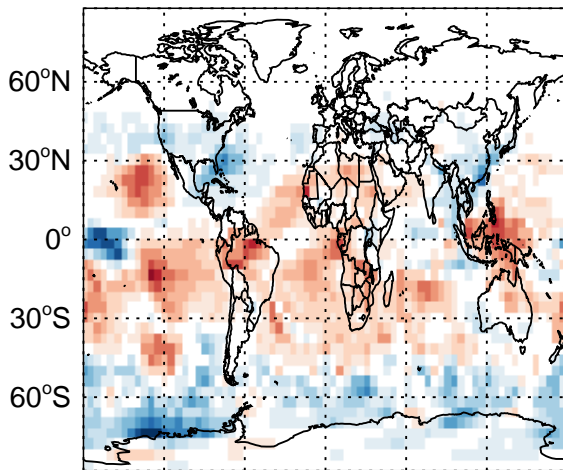
180° 120°W 60°W 0° 60°E 120°E 180°



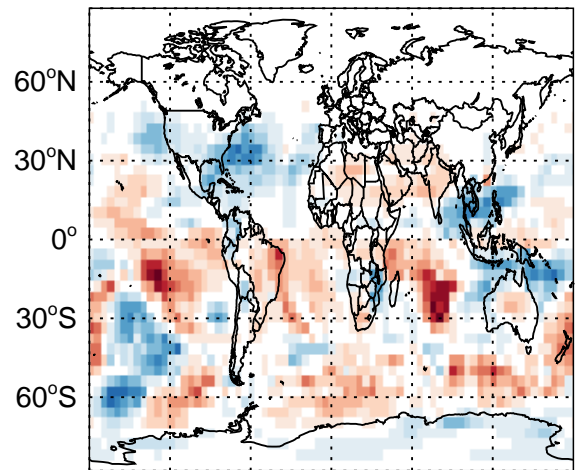
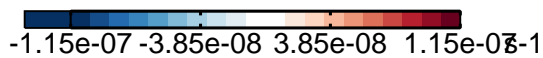
v11-02f-Run0 - v11-02e-Run0

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

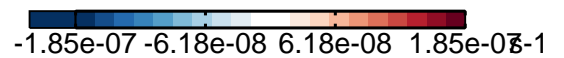
JHNO₃ - J-Value Diff @ surface for Jan JHNO₃ - J-Value Diff @ 500 hPa for Jan



180° 120°W 60°W 0° 60°E 120°E 180°



180° 120°W 60°W 0° 60°E 120°E 180°

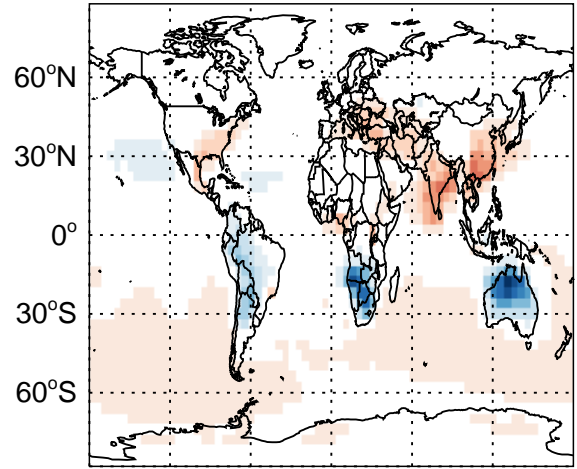
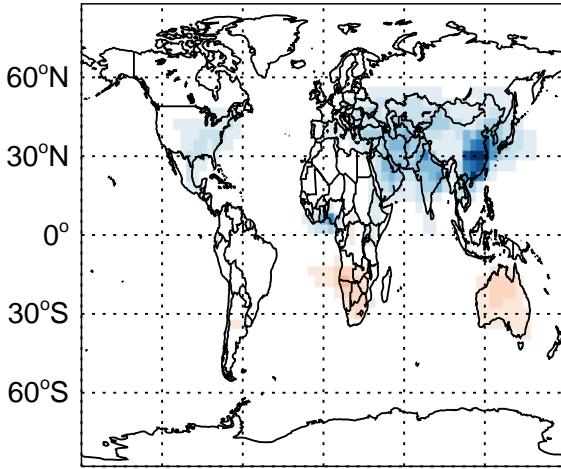


GEOS-Chem J-Values at surface and 500 hPa

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

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

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



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

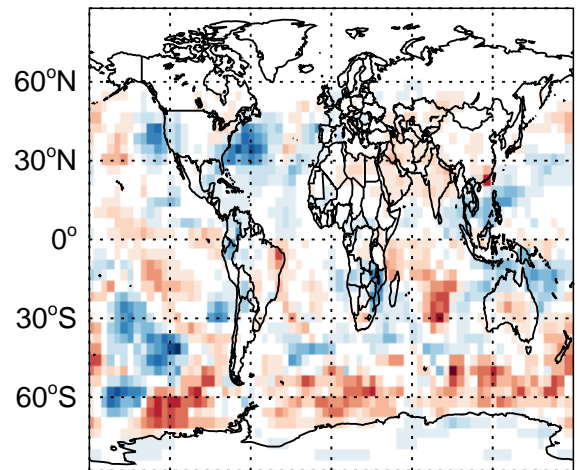
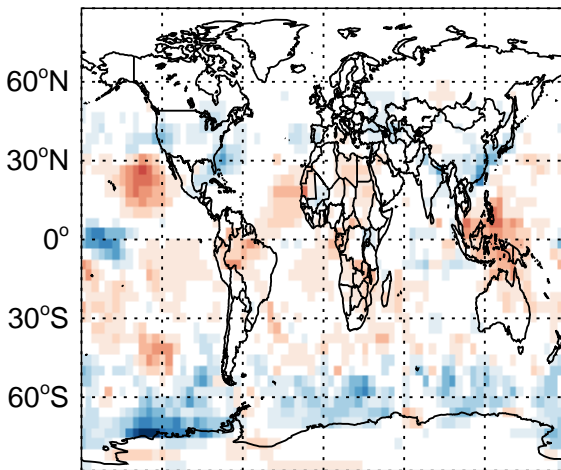
-4.31e-07 -1.44e-07 1.44e-07 4.31e-07

-3.26e-07 -1.09e-07 1.09e-07 3.26e-07

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

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

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



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

-1.50e-06 -4.99e-07 4.99e-07 1.50e-06

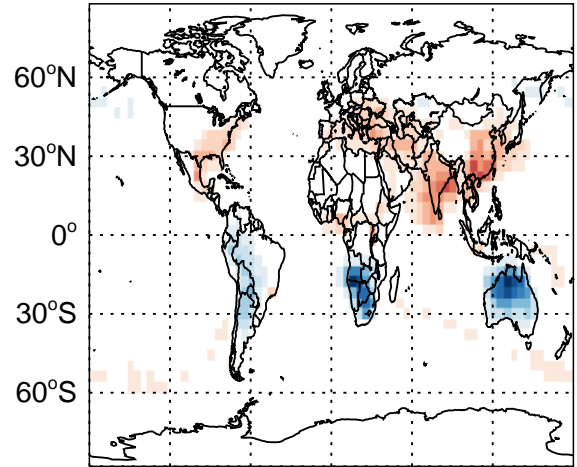
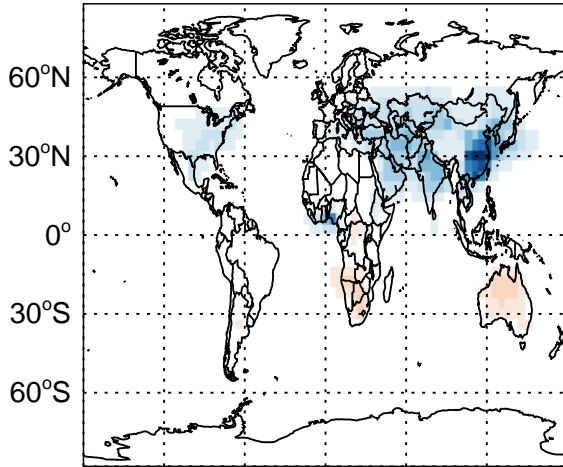
-1.76e-06 -5.87e-07 5.87e-07 1.76e-06

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 Jan JCH₂O - J-Value Diff @ 500 hPa for Jan



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

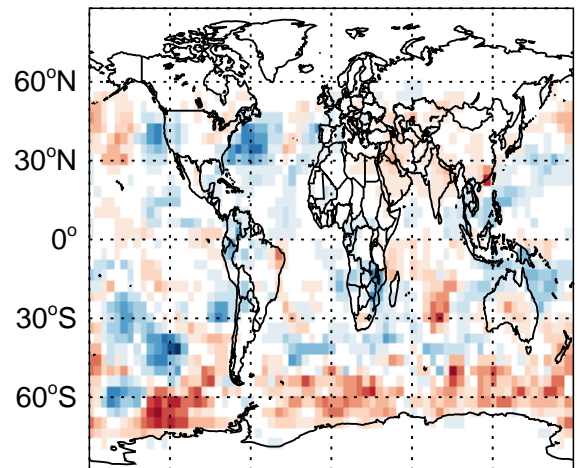
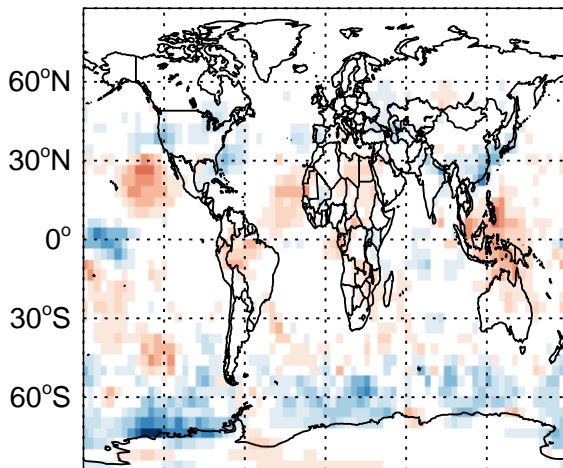
-5.51e-06 -1.84e-06 1.84e-06 5.51e-06

-4.09e-06 -1.36e-06 1.36e-06 4.09e-06

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

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

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



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

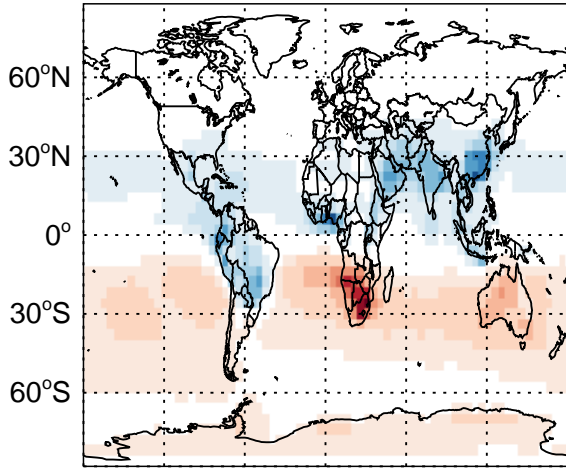
-1.92e-05 -6.39e-06 6.39e-06 1.92e-05

-2.35e-05 -7.84e-06 7.84e-06 2.35e-05

GEOS-Chem J-Values at surface and 500 hPa

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

JO3_O1D - J-Value Diff @ surface for Jan

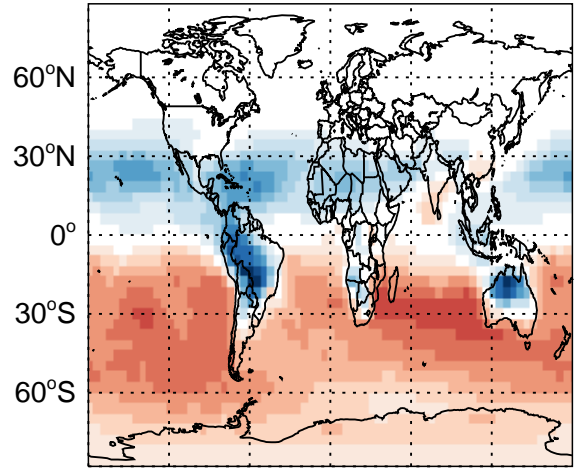


180° 120°W 60°W 0° 60°E 120°E 180°

-1.92e-06 -6.38e-07 6.38e-07 1.92e-06

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

JO3_O1D - J-Value Diff @ 500 hPa for Jan

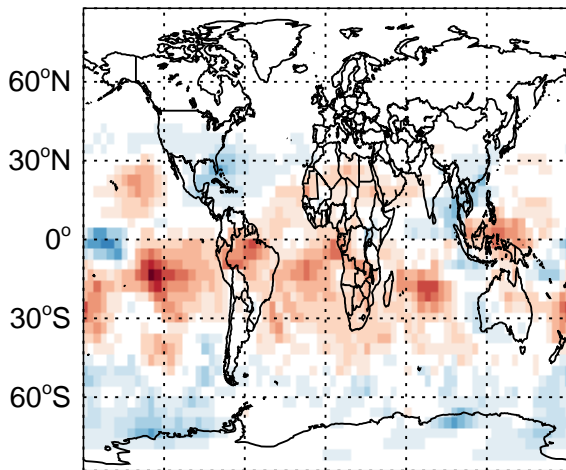


180° 120°W 60°W 0° 60°E 120°E 180°

-1.40e-06 -4.68e-07 4.68e-07 1.40e-06

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

JO3_O1D - J-Value Diff @ surface for Jan

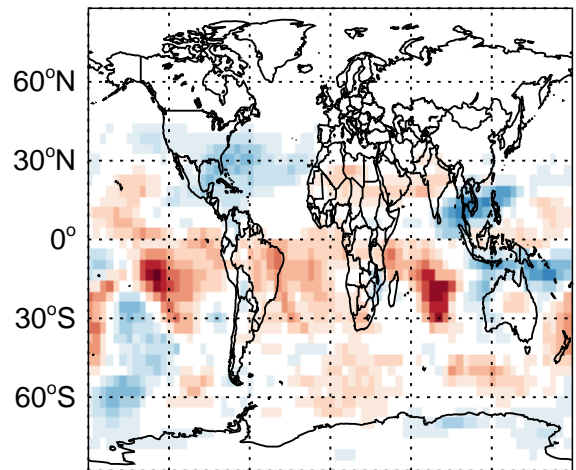


180° 120°W 60°W 0° 60°E 120°E 180°

-1.02e-05 -3.39e-06 3.39e-06 1.02e-05

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

JO3_O1D - J-Value Diff @ 500 hPa for Jan



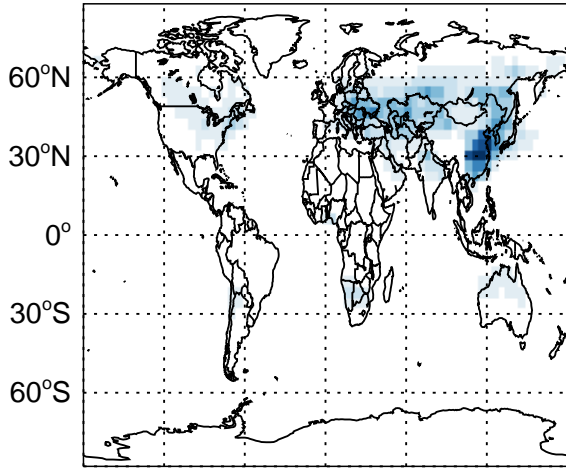
180° 120°W 60°W 0° 60°E 120°E 180°

-1.74e-05 -5.78e-06 5.78e-06 1.74e-05

GEOS-Chem J-Values at surface and 500 hPa

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

JO3_O3P - J-Value Diff @ surface for Jan

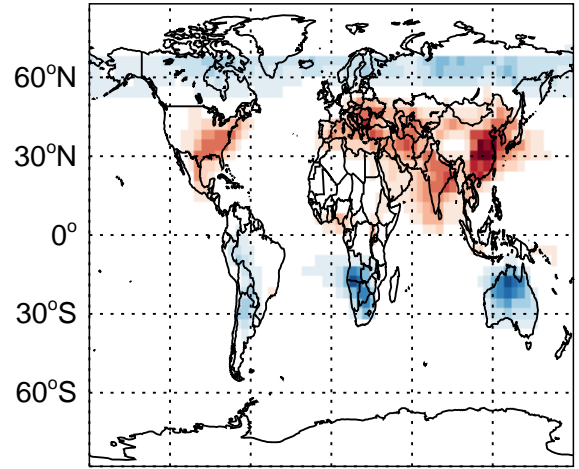


180° 120°W 60°W 0° 60°E 120°E 180°

-2.77e-05 -9.25e-06 9.25e-06 2.77e-05

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

JO3_O3P - J-Value Diff @ 500 hPa for Jan

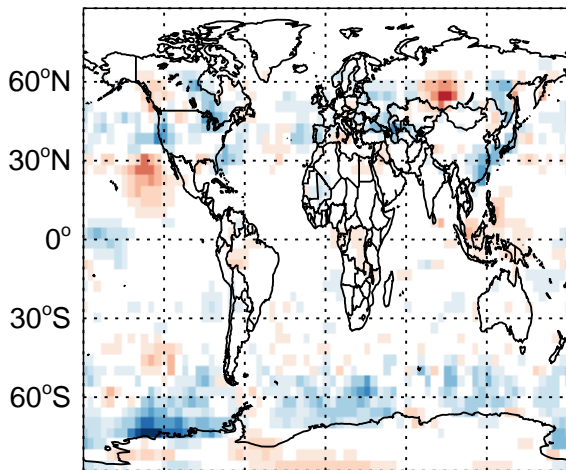


180° 120°W 60°W 0° 60°E 120°E 180°

-1.70e-05 -5.67e-06 5.67e-06 1.70e-05

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

JO3_O3P - J-Value Diff @ surface for Jan

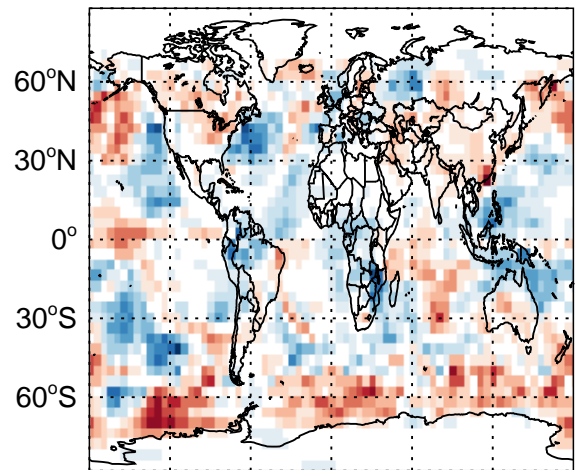


180° 120°W 60°W 0° 60°E 120°E 180°

-1.36e-04 -4.53e-05 4.53e-05 1.36e-04

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

JO3_O3P - J-Value Diff @ 500 hPa for Jan



180° 120°W 60°W 0° 60°E 120°E 180°

-1.26e-04 -4.19e-05 4.19e-05 1.26e-04

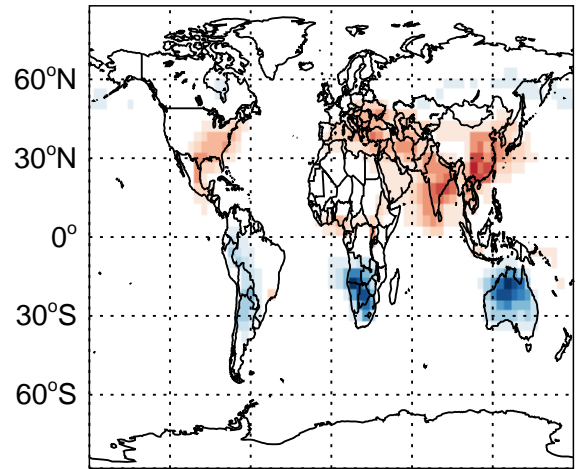
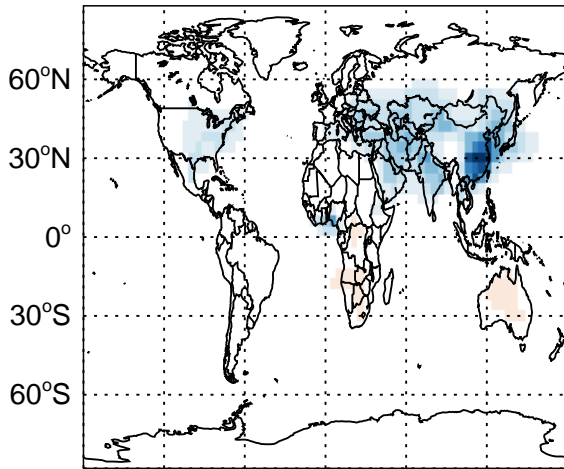
GEOS-Chem J-Values at surface and 500 hPa

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

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

JBrO - J-Value Diff @ surface for Jan

JBrO - J-Value Diff @ 500 hPa for Jan



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

-2.51e-03 -8.36e-04 8.36e-04 2.51e-03

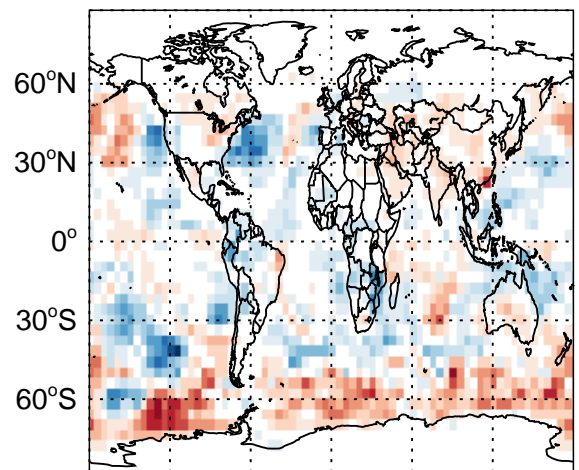
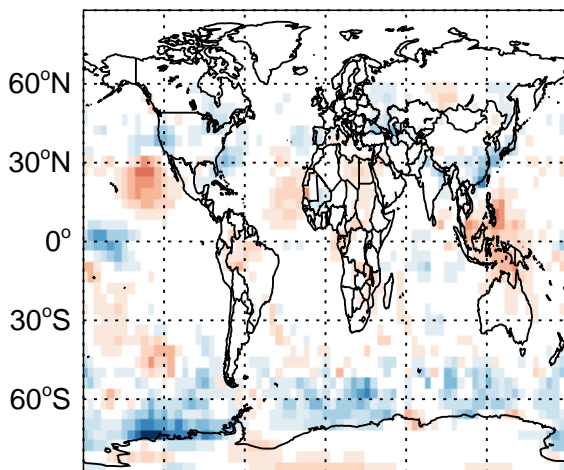
-1.75e-03 -5.85e-04 5.85e-04 1.75e-03

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

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

JBrO - J-Value Diff @ surface for Jan

JBrO - J-Value Diff @ 500 hPa for Jan



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

-9.11e-03 -3.04e-03 3.04e-03 9.11e-03

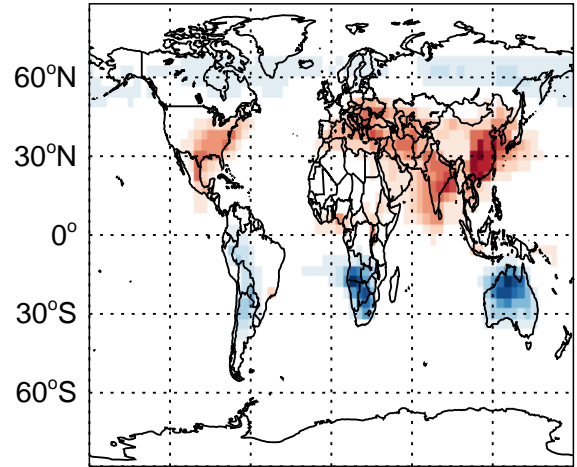
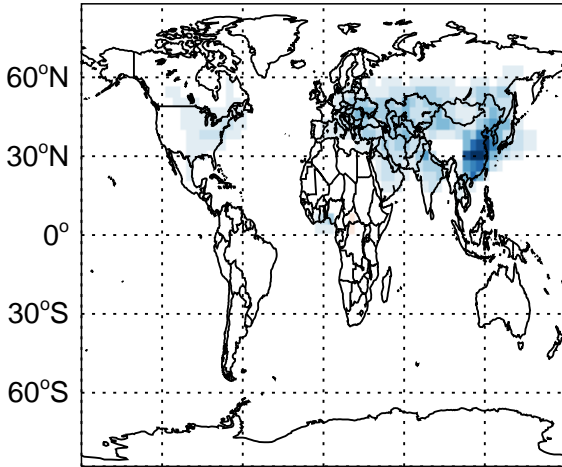
-1.06e-02 -3.52e-03 3.52e-03 1.06e-03

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 Jan JHOBr - J-Value Diff @ 500 hPa for Jan



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

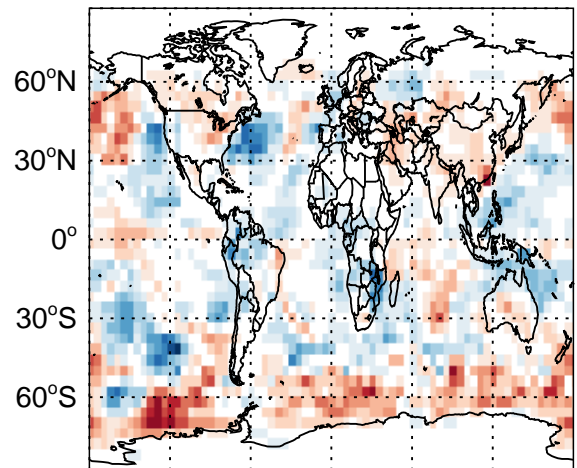
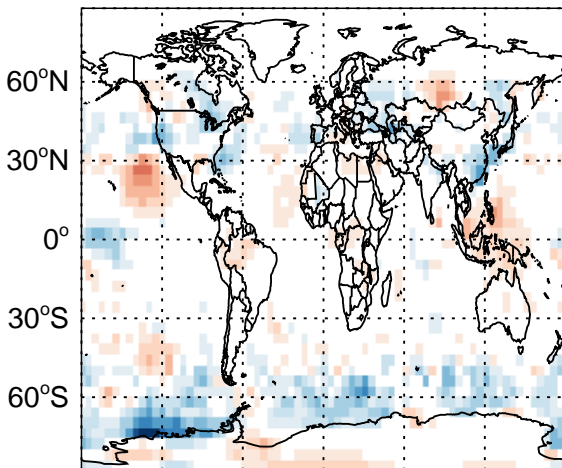
-1.42e-04 -4.75e-05 4.75e-05 1.42e-04

-8.86e-05 -2.95e-05 2.95e-05 8.86e-05

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

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

JHOBr - J-Value Diff @ surface for Jan JHOBr - J-Value Diff @ 500 hPa for Jan



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

-6.03e-04 -2.01e-04 2.01e-04 6.03e-04

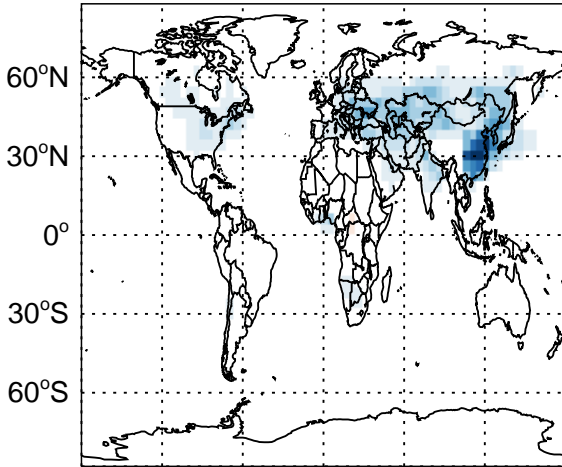
-6.20e-04 -2.07e-04 2.07e-04 6.20e-04

GEOS-Chem J-Values at surface and 500 hPa

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

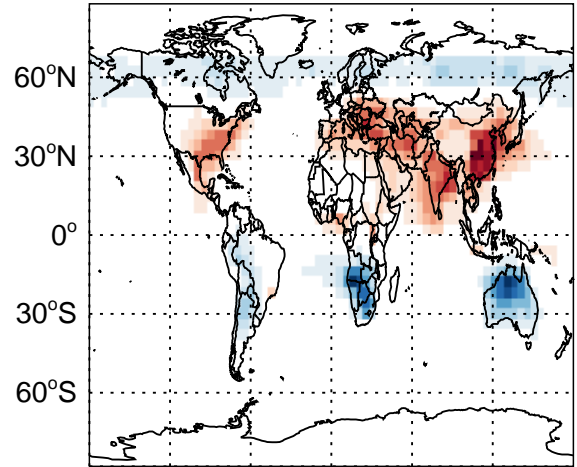
v11-02f-Run0 - v11-02e-Run1

JBrNO₂ - J-Value Diff @ surface for Jan JdBrNO₂ - J-Value Diff @ 500 hPa for Jan



180° 120°W 60°W 0° 60°E 120°E 180°

-4.14e-04 -1.38e-04 1.38e-04 4.14e-04



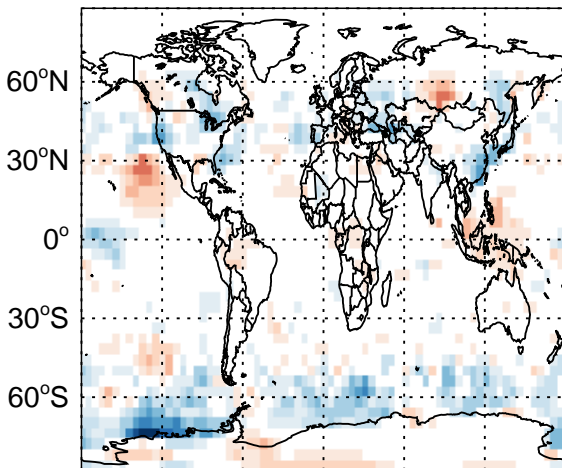
180° 120°W 60°W 0° 60°E 120°E 180°

-2.52e-04 -8.40e-05 8.40e-05 2.52e-04

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

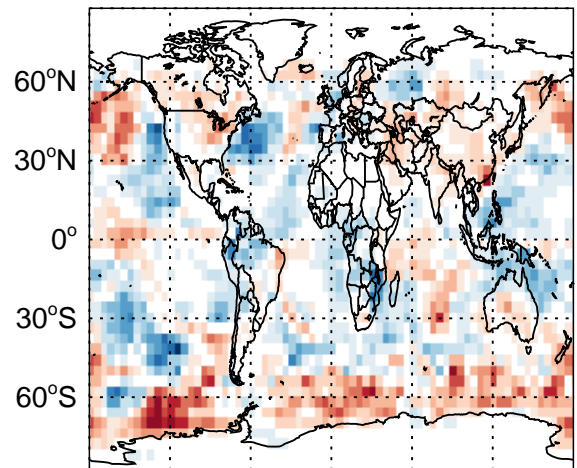
v11-02f-Run0 - v11-02e-Run0

JBrNO₂ - J-Value Diff @ surface for Jan JdBrNO₂ - J-Value Diff @ 500 hPa for Jan



180° 120°W 60°W 0° 60°E 120°E 180°

-1.87e-03 -6.25e-04 6.25e-04 1.87e-03



180° 120°W 60°W 0° 60°E 120°E 180°

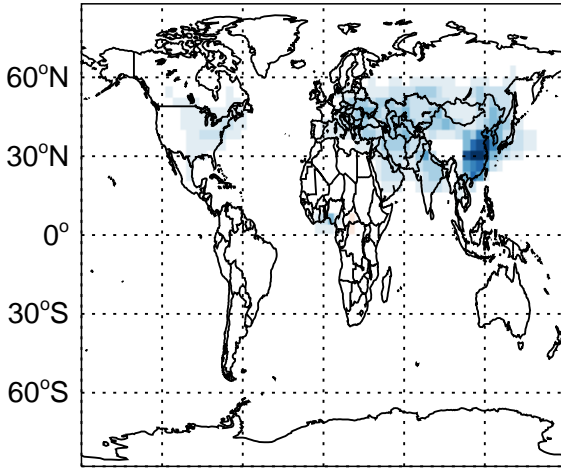
-1.83e-03 -6.10e-04 6.10e-04 1.83e-03

GEOS-Chem J-Values at surface and 500 hPa

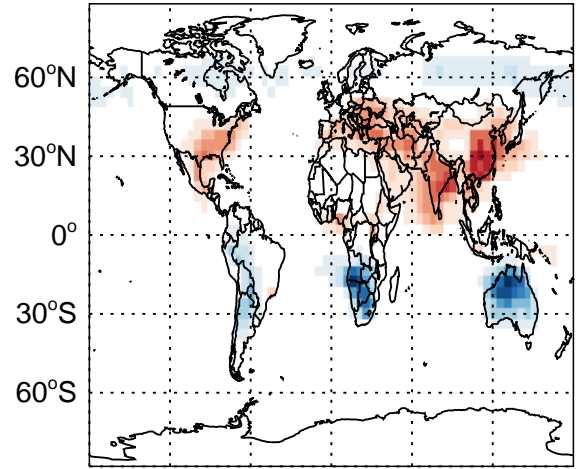
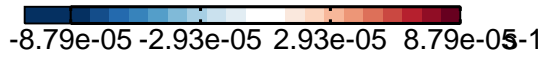
v11-02f-Run0 - v11-02e-Run1

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

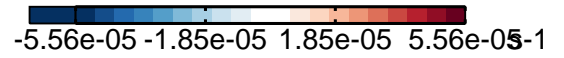
JBrNO₃ - J-Value Diff @ surface for Jan JdBrNO₃ - J-Value Diff @ 500 hPa for Jan



180° 120°W 60°W 0° 60°E 120°E 180°



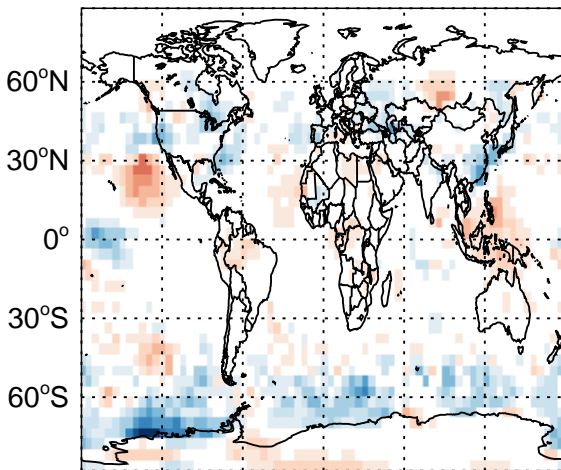
180° 120°W 60°W 0° 60°E 120°E 180°



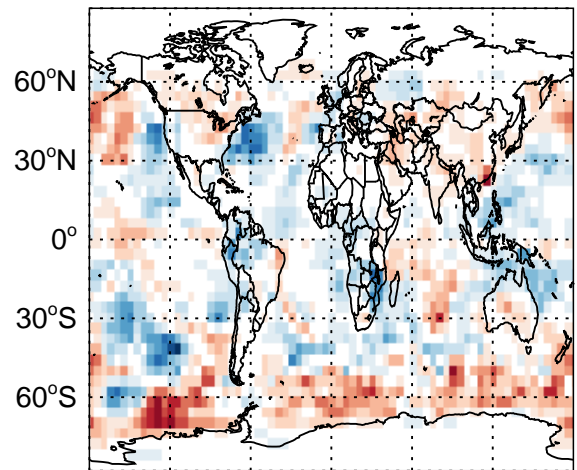
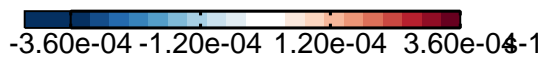
v11-02f-Run0 - v11-02e-Run0

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

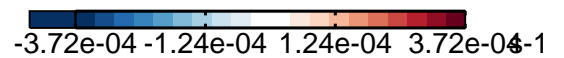
JBrNO₃ - J-Value Diff @ surface for Jan JdBrNO₃ - J-Value Diff @ 500 hPa for Jan



180° 120°W 60°W 0° 60°E 120°E 180°



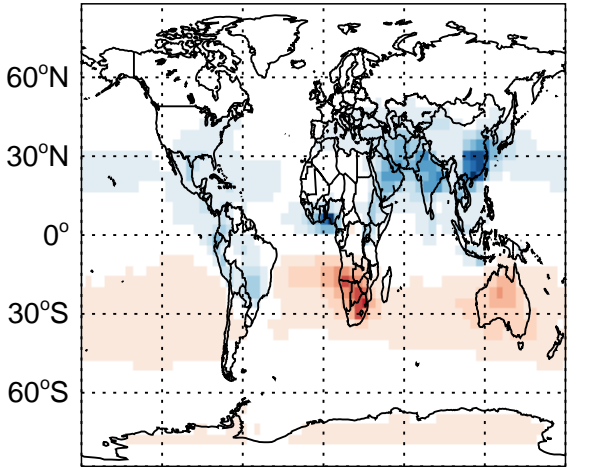
180° 120°W 60°W 0° 60°E 120°E 180°



GEOS-Chem J-Values at surface and 500 hPa

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

JCHBr3 - J-Value Diff @ surface for Jan

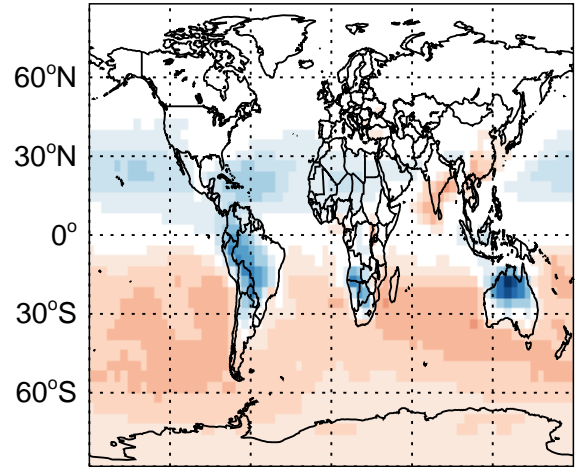


180° 120°W 60°W 0° 60°E 120°E 180°

-6.02e-08 -2.01e-08 2.01e-08 6.02e-08

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

JCHBr3 - J-Value Diff @ 500 hPa for Jan

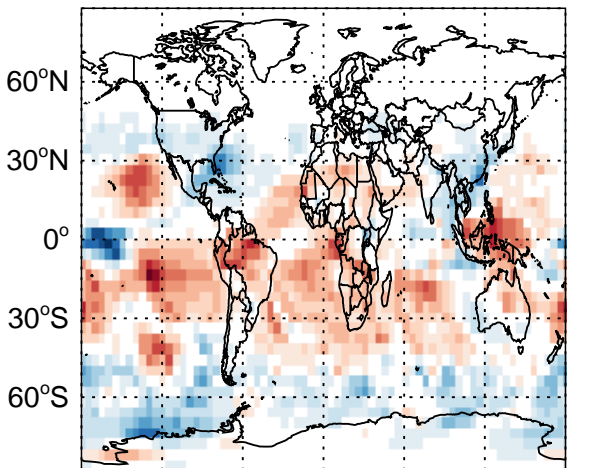


180° 120°W 60°W 0° 60°E 120°E 180°

-4.31e-08 -1.44e-08 1.44e-08 4.31e-08

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

JCHBr3 - J-Value Diff @ surface for Jan

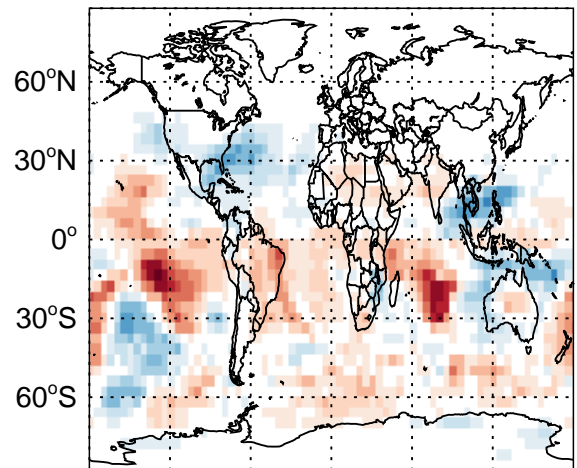


180° 120°W 60°W 0° 60°E 120°E 180°

-2.30e-07 -7.66e-08 7.66e-08 2.30e-07

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

JCHBr3 - J-Value Diff @ 500 hPa for Jan



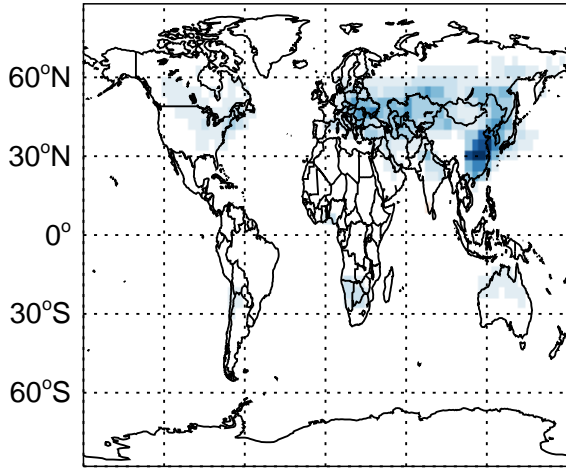
180° 120°W 60°W 0° 60°E 120°E 180°

-3.90e-07 -1.30e-07 1.30e-07 3.90e-07

GEOS-Chem J-Values at surface and 500 hPa

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

JBr2 - J-Value Diff @ surface for Jan

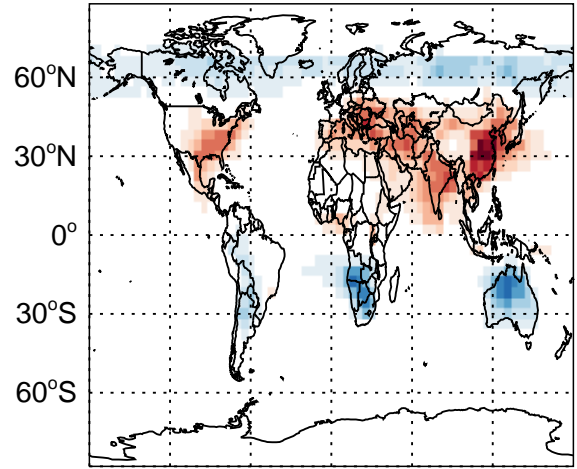


180° 120°W 60°W 0° 60°E 120°E 180°

-2.11e-03 -7.02e-04 7.02e-04 2.11e-03

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

JBr2 - J-Value Diff @ 500 hPa for Jan

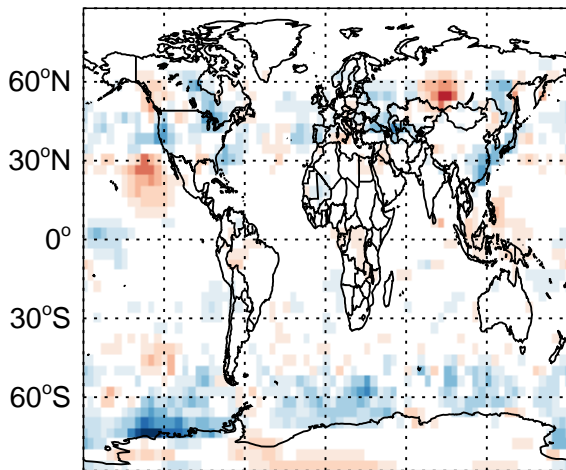


180° 120°W 60°W 0° 60°E 120°E 180°

-1.36e-03 -4.52e-04 4.52e-04 1.36e-03

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

JBr2 - J-Value Diff @ surface for Jan

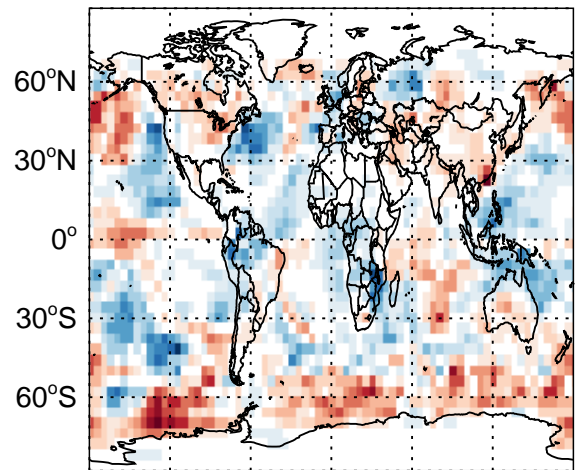


180° 120°W 60°W 0° 60°E 120°E 180°

-1.03e-02 -3.42e-03 3.42e-03 1.03e-02

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

JBr2 - J-Value Diff @ 500 hPa for Jan



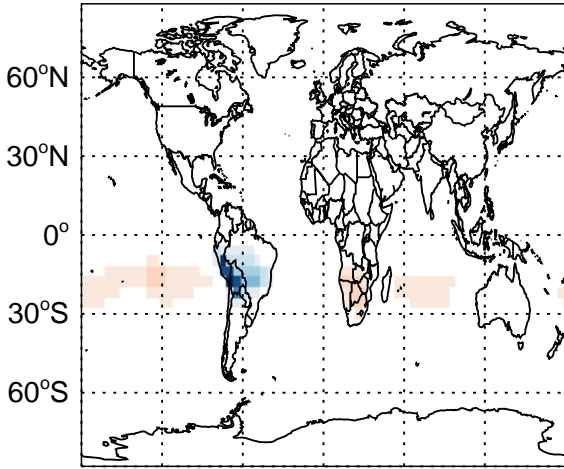
180° 120°W 60°W 0° 60°E 120°E 180°

-9.47e-03 -3.16e-03 3.16e-03 9.47e-03

GEOS-Chem J-Values at surface and 500 hPa

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

JO2 - J-Value Diff @ surface for Jan

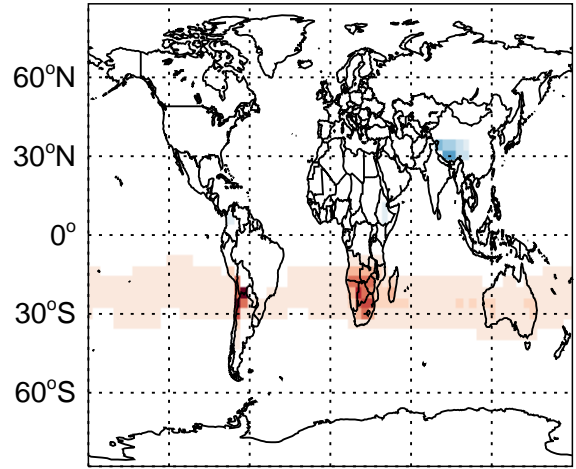


180° 120°W 60°W 0° 60°E 120°E 180°

-4.52e-23 -1.51e-23 1.51e-23 4.52e-23

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

JO2 - J-Value Diff @ 500 hPa for Jan

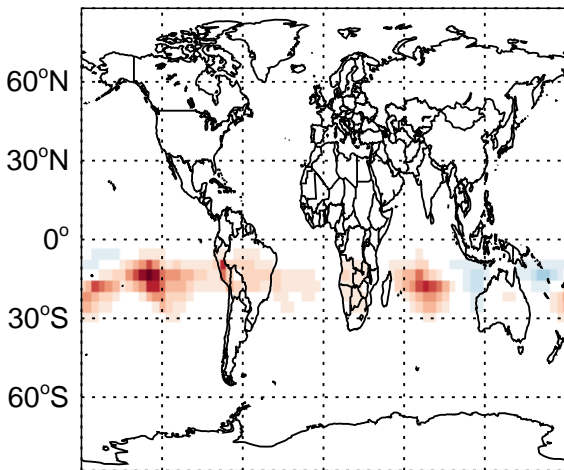


180° 120°W 60°W 0° 60°E 120°E 180°

-6.12e-21 -2.04e-21 2.04e-21 6.12e-21

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

JO2 - J-Value Diff @ surface for Jan

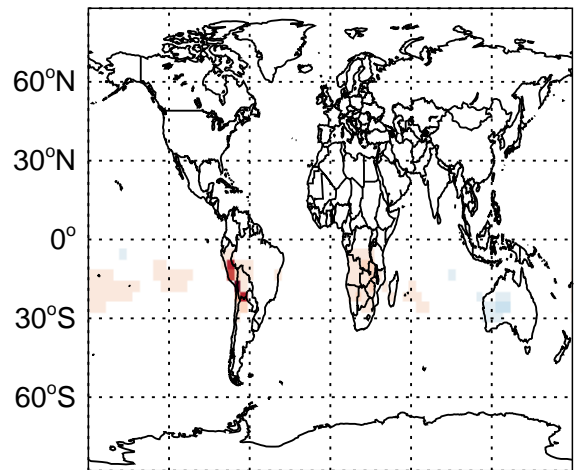


180° 120°W 60°W 0° 60°E 120°E 180°

-1.75e-22 -5.85e-23 5.85e-23 1.75e-22

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

JO2 - J-Value Diff @ 500 hPa for Jan



180° 120°W 60°W 0° 60°E 120°E 180°

-1.63e-19 -5.44e-20 5.44e-20 1.63e-19

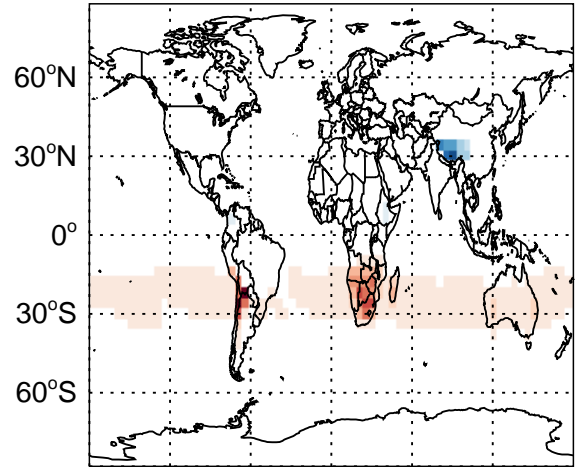
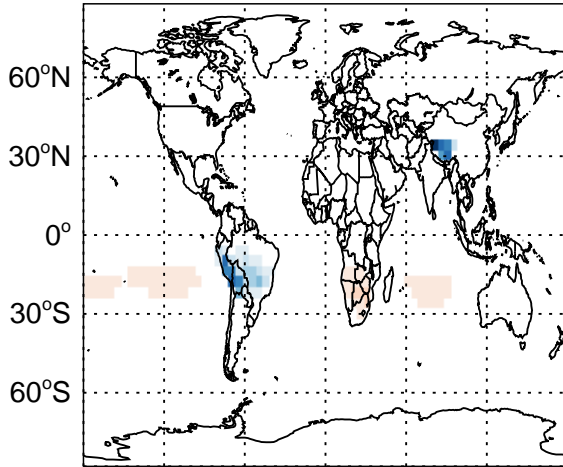
GEOS-Chem J-Values at surface and 500 hPa

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

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

JN2O - J-Value Diff @ surface for Jan

JN2O - J-Value Diff @ 500 hPa for Jan



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

-4.44e-21 -1.48e-21 1.48e-21 4.44e-21

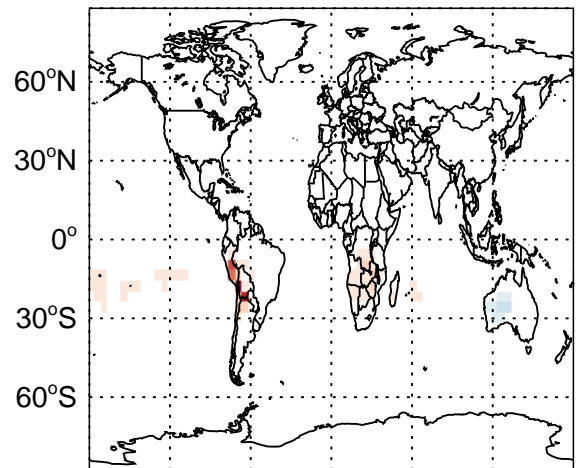
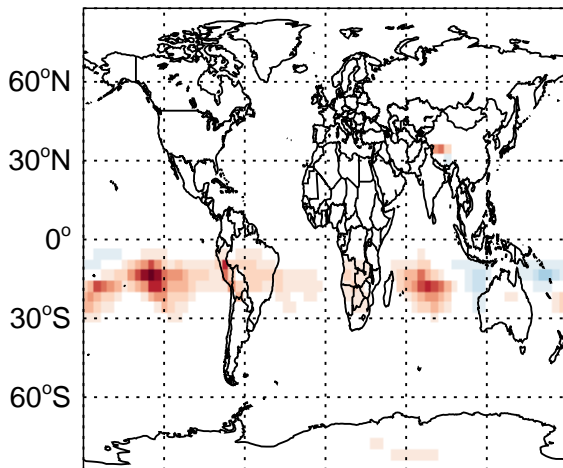
-6.81e-18 -2.27e-18 2.27e-18 6.81e-18

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

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

JN2O - J-Value Diff @ surface for Jan

JN2O - J-Value Diff @ 500 hPa for Jan



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

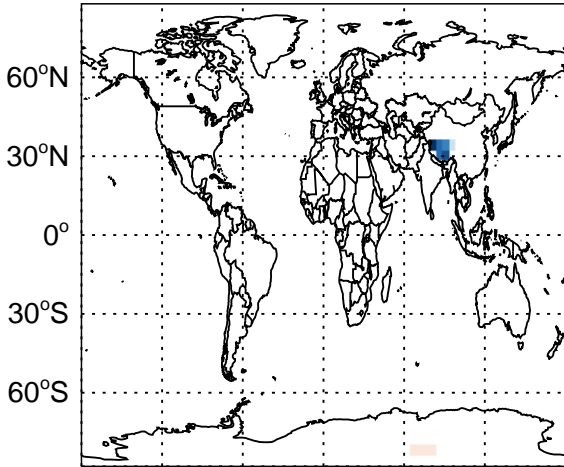
-1.42e-20 -4.72e-21 4.72e-21 1.42e-20

-2.22e-16 -7.39e-17 7.39e-17 2.22e-16

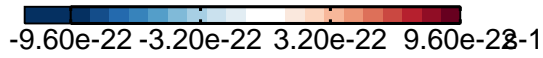
GEOS-Chem J-Values at surface and 500 hPa

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

JNO - J-Value Diff @ surface for Jan

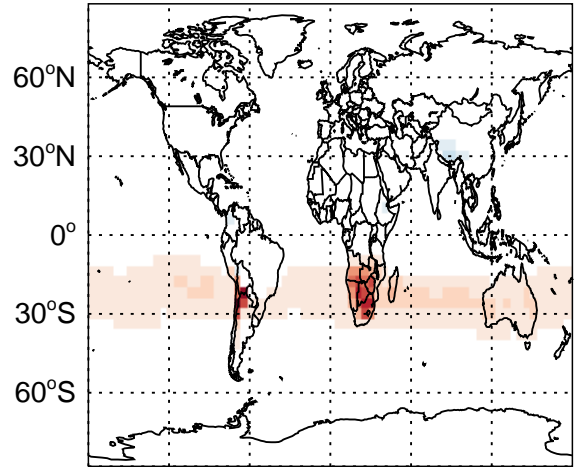


180° 120°W 60°W 0° 60°E 120°E 180°

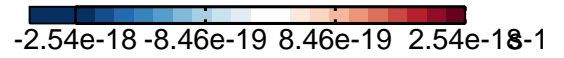


v11-02f-Run0 - v11-02e-Run1

JNO - J-Value Diff @ 500 hPa for Jan

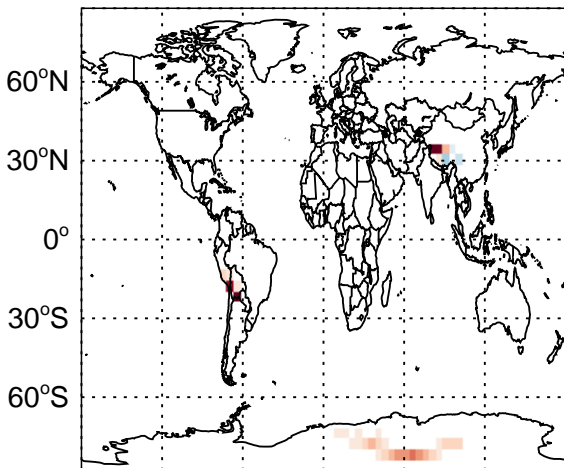


180° 120°W 60°W 0° 60°E 120°E 180°

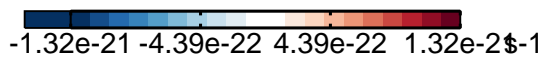


v11-02f-Run0 - v11-02e-Run0

JNO - J-Value Diff @ surface for Jan

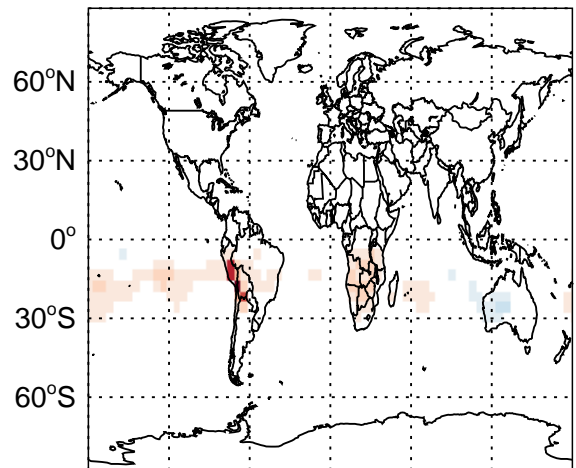


180° 120°W 60°W 0° 60°E 120°E 180°

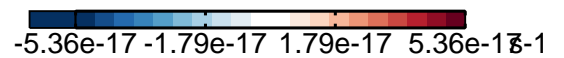


v11-02f-Run0 - v11-02e-Run0

JNO - J-Value Diff @ 500 hPa for Jan



180° 120°W 60°W 0° 60°E 120°E 180°



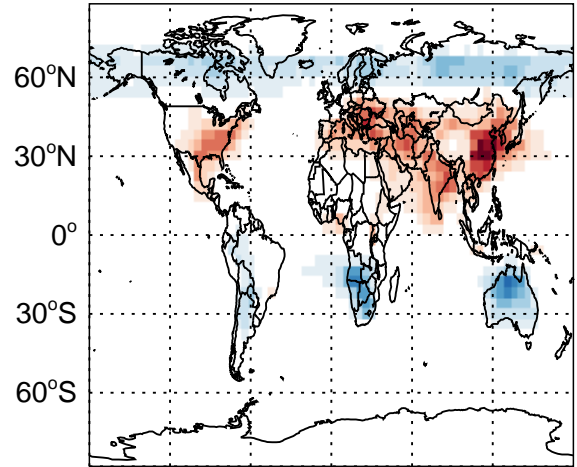
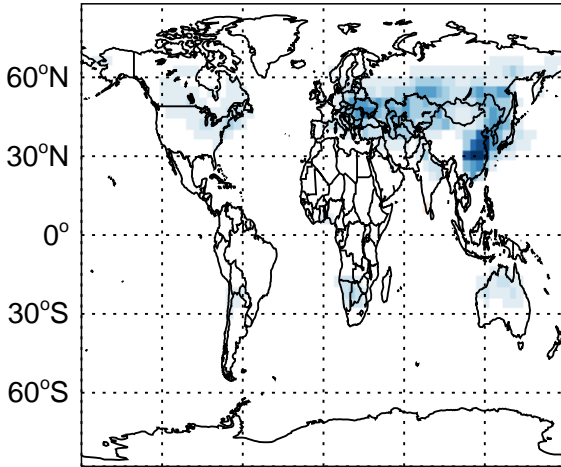
GEOS-Chem J-Values at surface and 500 hPa

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

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

JNO3 - J-Value Diff @ surface for Jan

JNO3 - J-Value Diff @ 500 hPa for Jan



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

-1.38e-02 -4.59e-03 4.59e-03 1.38e-02

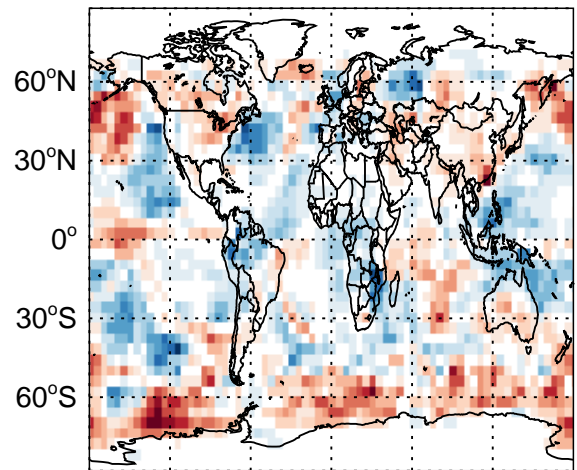
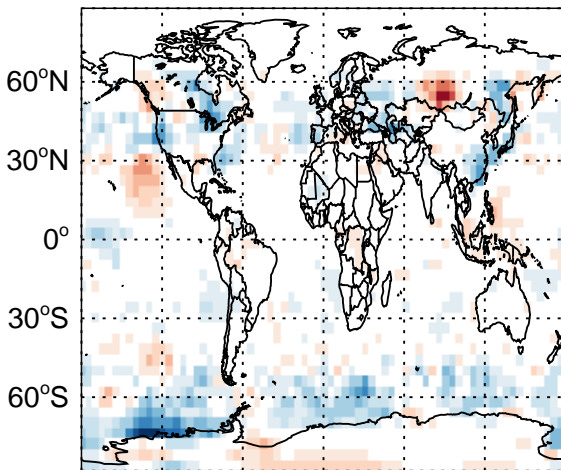
-9.34e-03 -3.11e-03 3.11e-03 9.34e-03

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

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

JNO3 - J-Value Diff @ surface for Jan

JNO3 - J-Value Diff @ 500 hPa for Jan



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

-7.02e-02 -2.34e-02 2.34e-02 7.02e-02

-6.54e-02 -2.18e-02 2.18e-02 6.54e-02

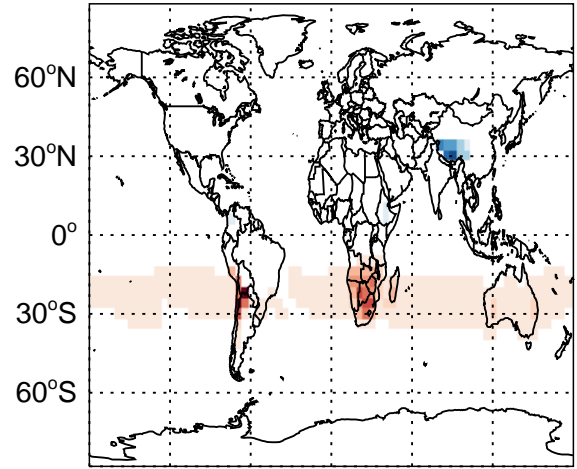
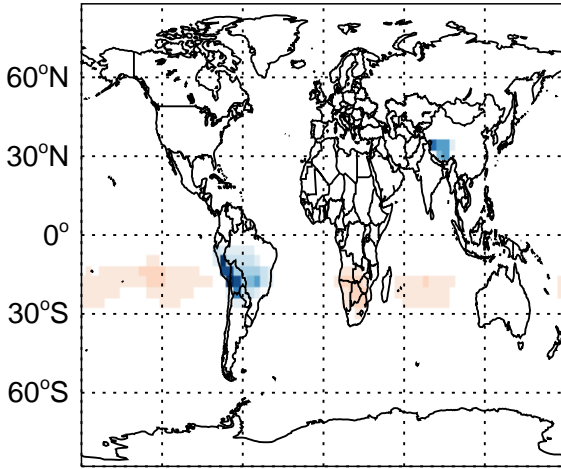
GEOS-Chem J-Values at surface and 500 hPa

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

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

JCFC11 - J-Value Diff @ surface for Jan

JCFC11 - J-Value Diff @ 500 hPa for Jan



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

-1.12e-19 -3.73e-20 3.73e-20 1.12e-19

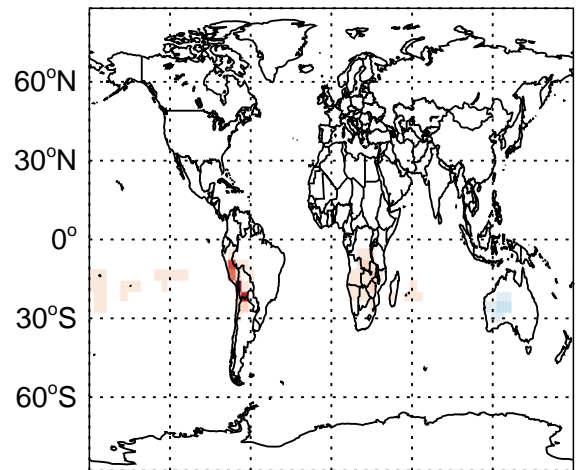
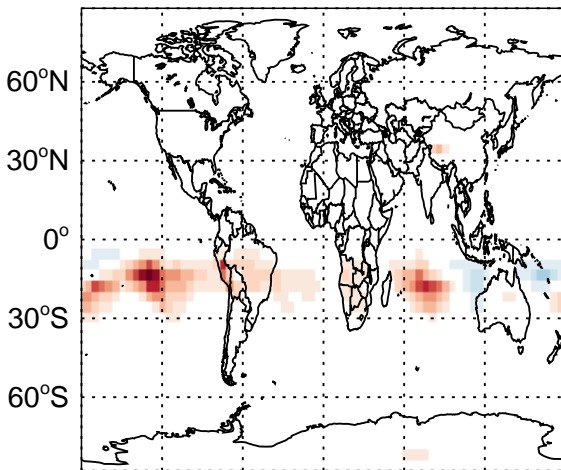
-1.36e-16 -4.55e-17 4.55e-17 1.36e-16

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

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

JCFC11 - J-Value Diff @ surface for Jan

JCFC11 - J-Value Diff @ 500 hPa for Jan



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

-4.50e-19 -1.50e-19 1.50e-19 4.50e-19

-4.22e-15 -1.41e-15 1.41e-15 4.22e-15

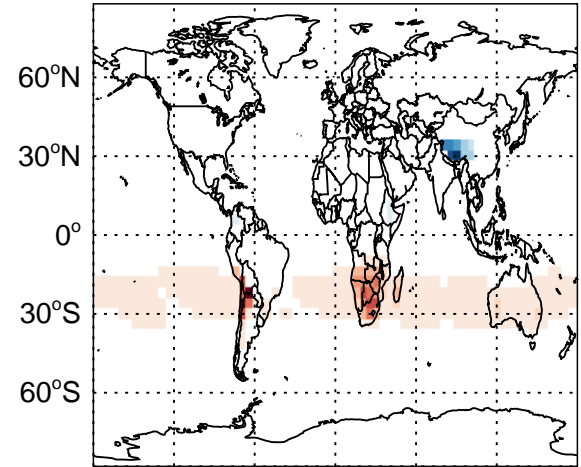
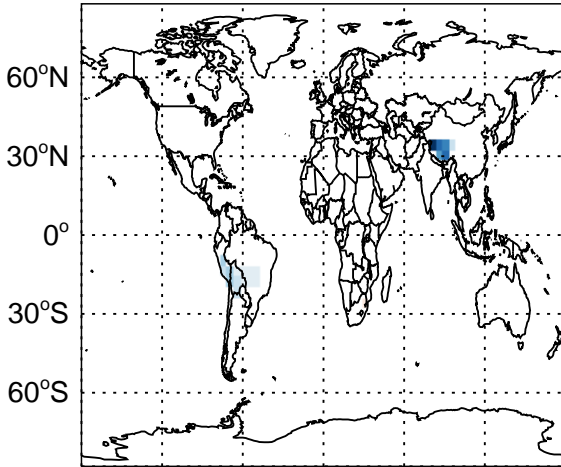
GEOS-Chem J-Values at surface and 500 hPa

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

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

JCFC12 - J-Value Diff @ surface for Jan

JCFC12 - J-Value Diff @ 500 hPa for Jan



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

-6.15e-21 -2.05e-21 2.05e-21 6.15e-21

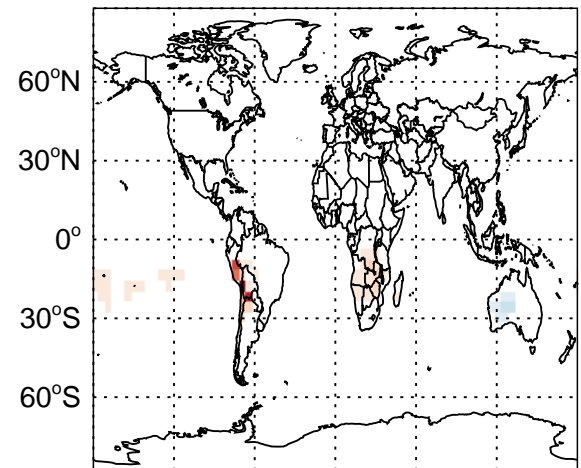
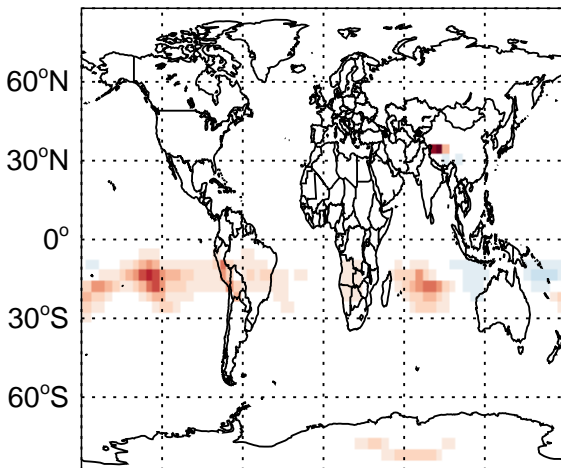
-9.41e-18 -3.14e-18 3.14e-18 9.41e-18

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

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

JCFC12 - J-Value Diff @ surface for Jan

JCFC12 - J-Value Diff @ 500 hPa for Jan



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

-1.10e-20 -3.66e-21 3.66e-21 1.10e-20

-3.25e-16 -1.08e-16 1.08e-16 3.25e-16

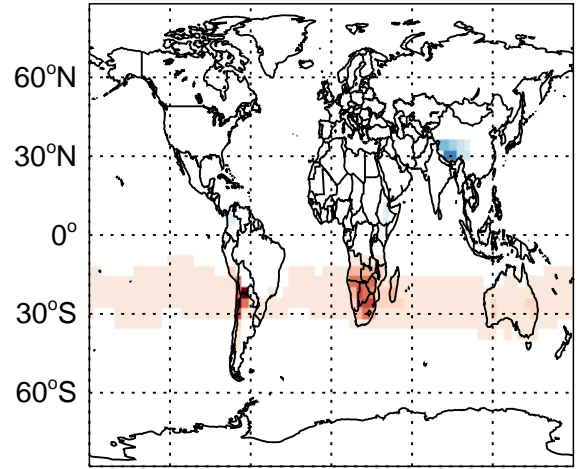
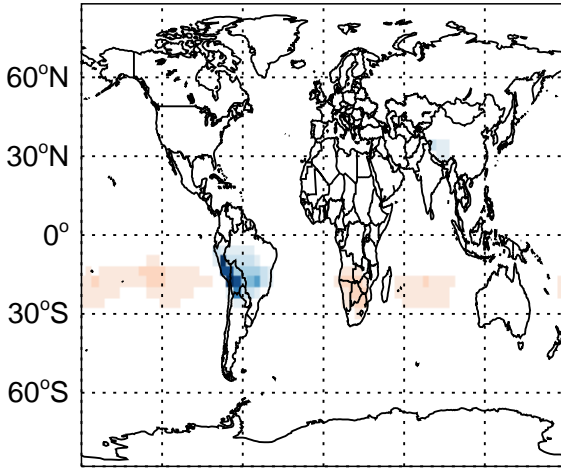
GEOS-Chem J-Values at surface and 500 hPa

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

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

JCCI4 - J-Value Diff @ surface for Jan

JCCI4 - J-Value Diff @ 500 hPa for Jan



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

-1.07e-18 -3.56e-19 3.56e-19 1.07e-18

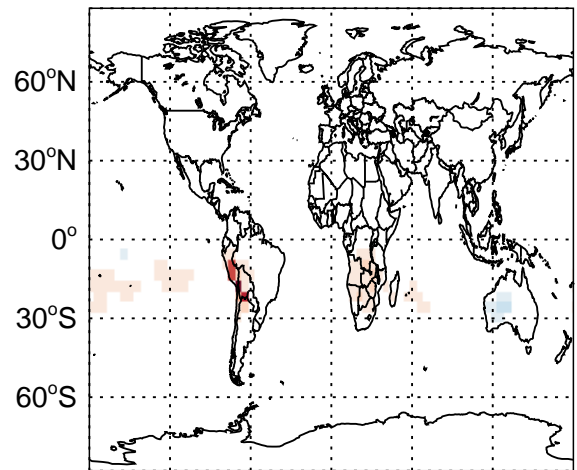
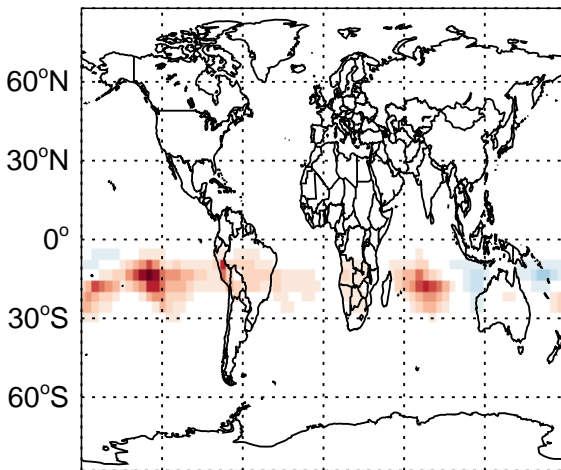
-4.02e-16 -1.34e-16 1.34e-16 4.02e-16

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

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

JCCI4 - J-Value Diff @ surface for Jan

JCCI4 - J-Value Diff @ 500 hPa for Jan



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

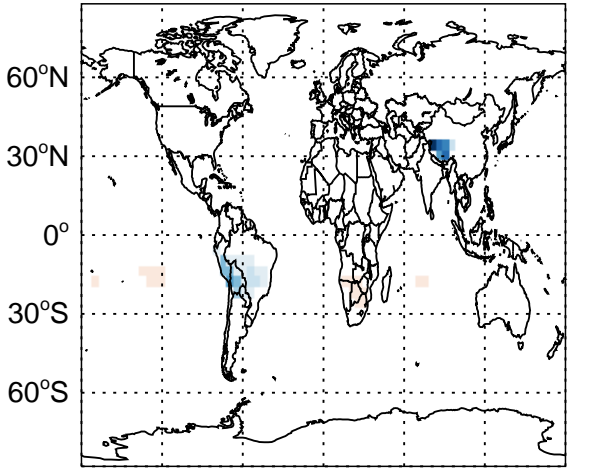
-4.30e-18 -1.43e-18 1.43e-18 4.30e-18

-1.11e-14 -3.70e-15 3.70e-15 1.11e-14

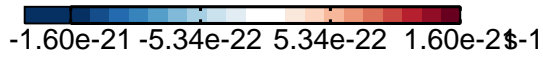
GEOS-Chem J-Values at surface and 500 hPa

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

JCH3Cl - J-Value Diff @ surface for Jan

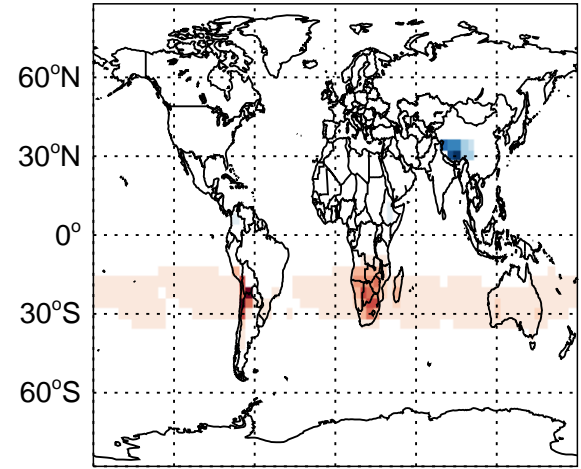


180° 120°W 60°W 0° 60°E 120°E 180°

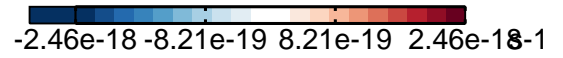


v11-02f-Run0 - v11-02e-Run1

JCH3Cl - J-Value Diff @ 500 hPa for Jan

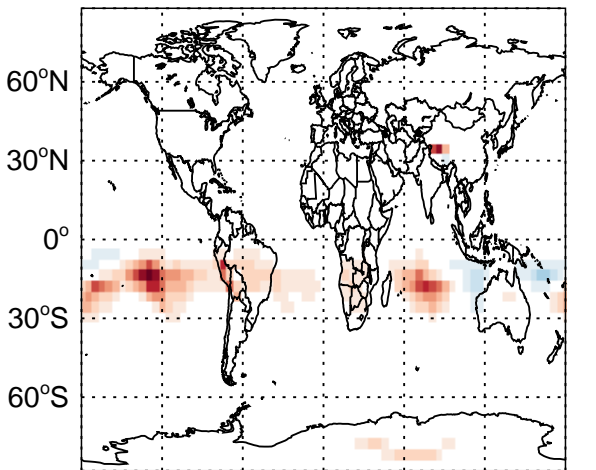


180° 120°W 60°W 0° 60°E 120°E 180°

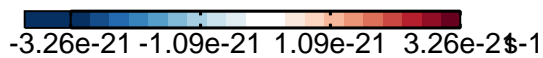


v11-02f-Run0 - v11-02e-Run0

JCH3Cl - J-Value Diff @ surface for Jan

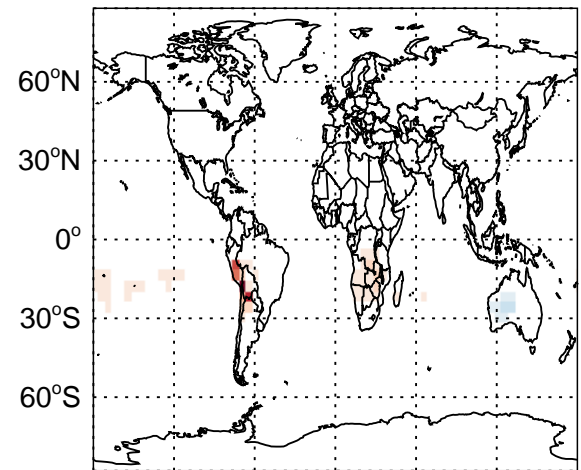


180° 120°W 60°W 0° 60°E 120°E 180°

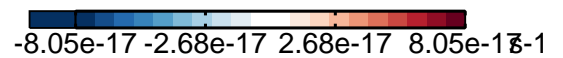


v11-02f-Run0 - v11-02e-Run0

JCH3Cl - J-Value Diff @ 500 hPa for Jan



180° 120°W 60°W 0° 60°E 120°E 180°

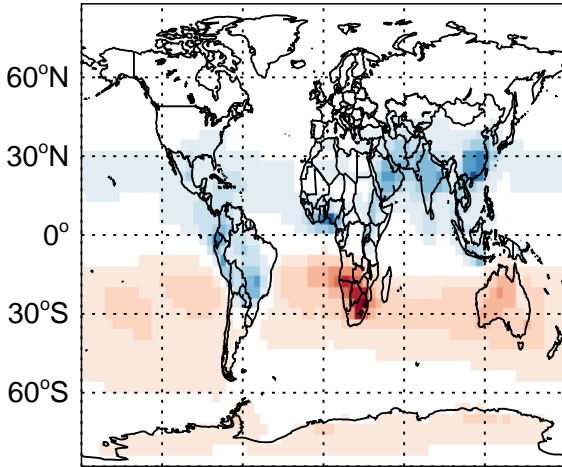


GEOS-Chem J-Values at surface and 500 hPa

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

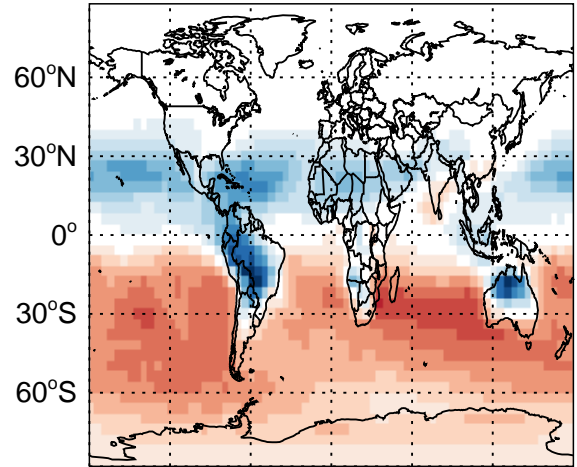
v11-02f-Run0 - v11-02e-Run1

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



180° 120°W 60°W 0° 60°E 120°E 180°

-3.83e-08 -1.28e-08 1.28e-08 3.83e-08



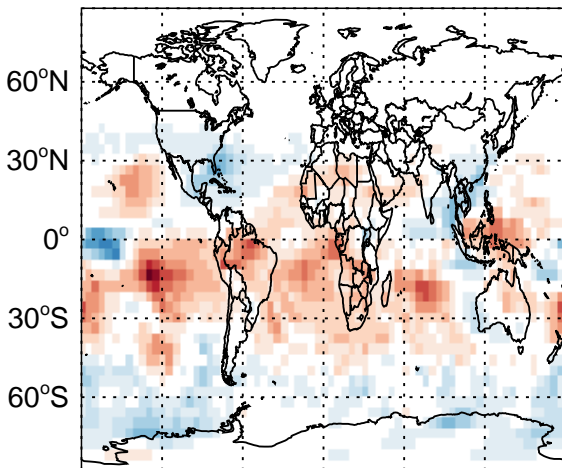
180° 120°W 60°W 0° 60°E 120°E 180°

-2.82e-08 -9.42e-09 9.42e-09 2.82e-08

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

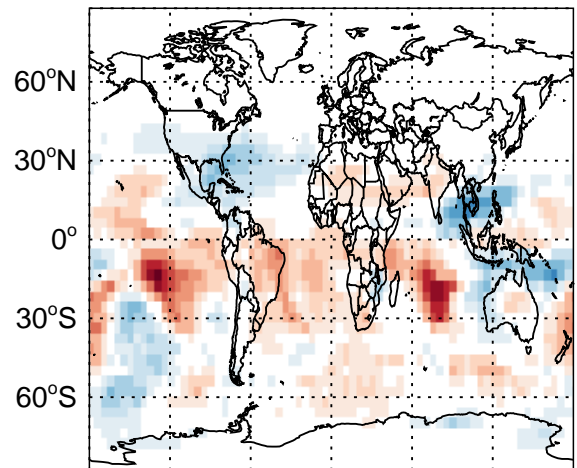
v11-02f-Run0 - v11-02e-Run0

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



180° 120°W 60°W 0° 60°E 120°E 180°

-1.94e-07 -6.48e-08 6.48e-08 1.94e-07



180° 120°W 60°W 0° 60°E 120°E 180°

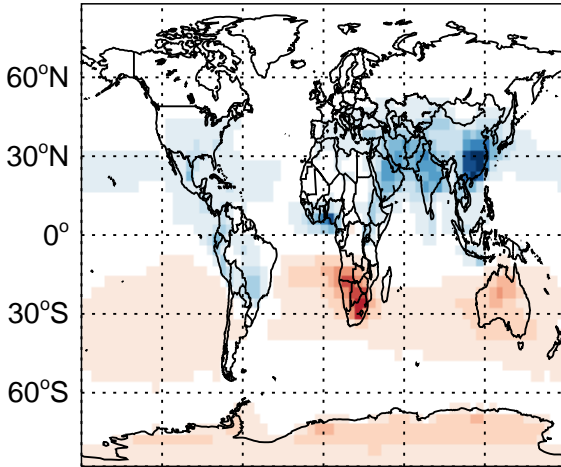
-3.79e-07 -1.26e-07 1.26e-07 3.79e-07

GEOS-Chem J-Values at surface and 500 hPa

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

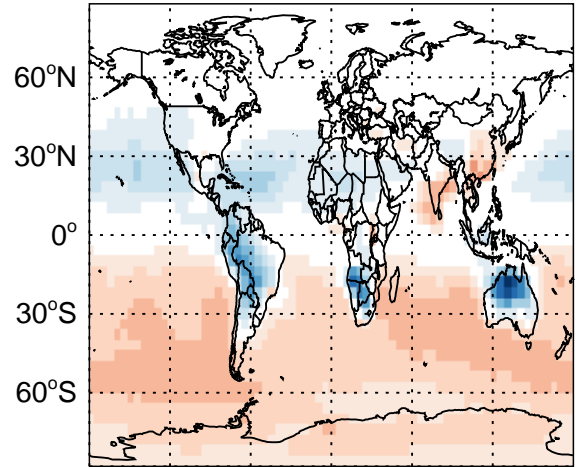
v11-02f-Run0 - v11-02e-Run1

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



180° 120°W 60°W 0° 60°E 120°E 180°

-2.03e-07 -6.76e-08 6.76e-08 2.03e-07



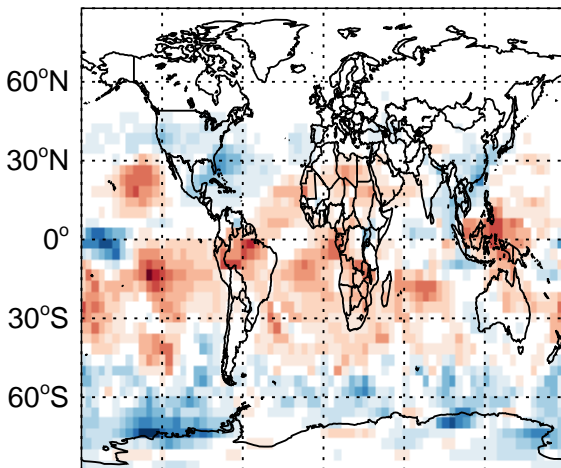
180° 120°W 60°W 0° 60°E 120°E 180°

-3.08e-07 -1.03e-07 1.03e-07 3.08e-07

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

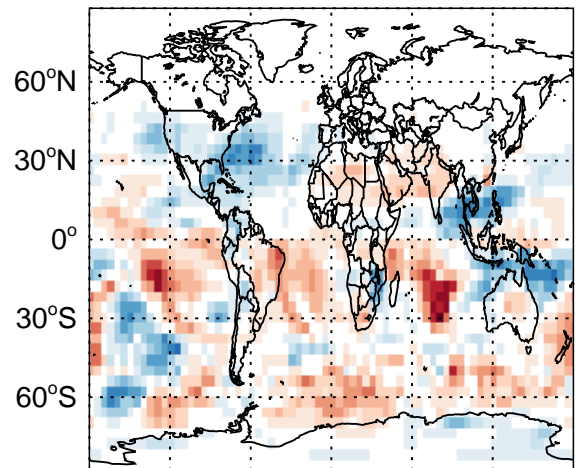
v11-02f-Run0 - v11-02e-Run0

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



180° 120°W 60°W 0° 60°E 120°E 180°

-7.98e-07 -2.66e-07 2.66e-07 7.98e-07



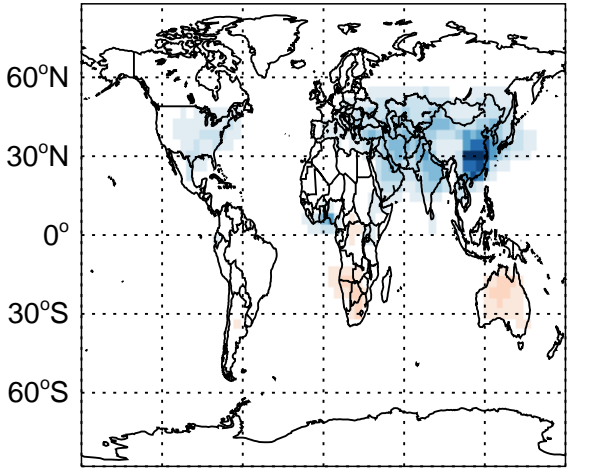
180° 120°W 60°W 0° 60°E 120°E 180°

-2.13e-06 -7.09e-07 7.09e-07 2.13e-06

GEOS-Chem J-Values at surface and 500 hPa

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

JMVK - J-Value Diff @ surface for Jan

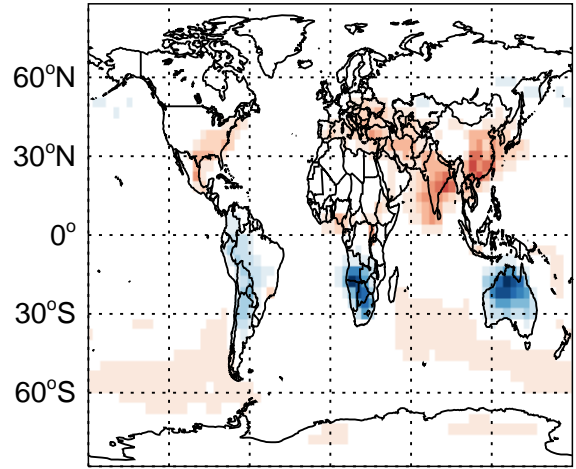


180° 120°W 60°W 0° 60°E 120°E 180°

-2.79e-07 -9.30e-08 9.30e-08 2.79e-08

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

JMVK - J-Value Diff @ 500 hPa for Jan

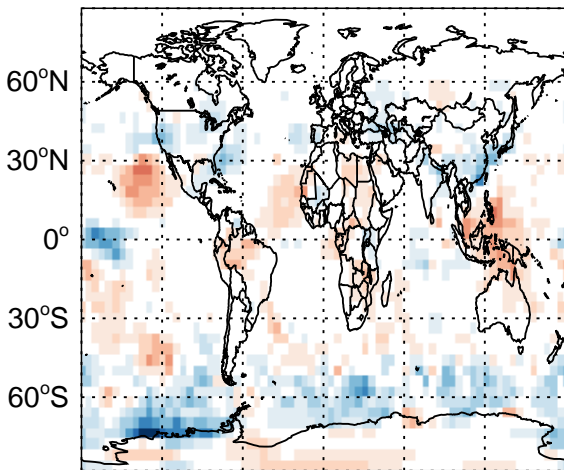


180° 120°W 60°W 0° 60°E 120°E 180°

-3.37e-07 -1.12e-07 1.12e-07 3.37e-08

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

JMVK - J-Value Diff @ surface for Jan

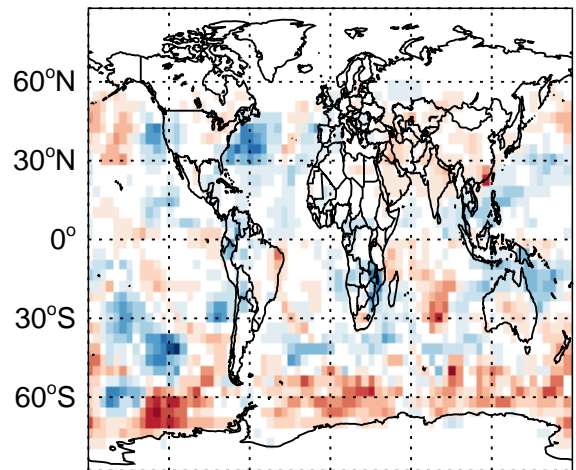


180° 120°W 60°W 0° 60°E 120°E 180°

-9.92e-07 -3.31e-07 3.31e-07 9.92e-08

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

JMVK - J-Value Diff @ 500 hPa for Jan



180° 120°W 60°W 0° 60°E 120°E 180°

-1.95e-06 -6.51e-07 6.51e-07 1.95e-08

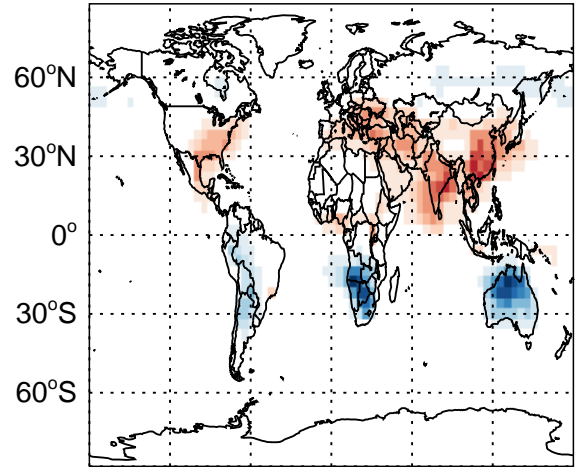
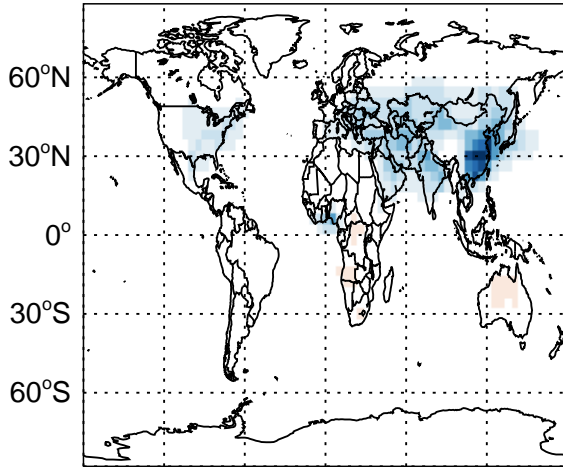
GEOS-Chem J-Values at surface and 500 hPa

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

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

JMACR - J-Value Diff @ surface for Jan

JMACR - J-Value Diff @ 500 hPa for Jan



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

-1.01e-07 -3.38e-08 3.38e-08 1.01e-08

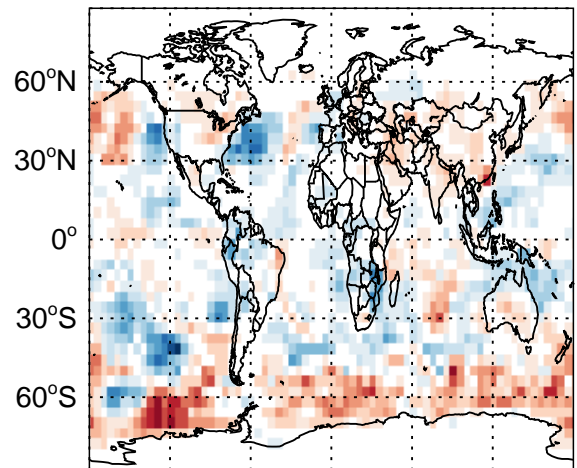
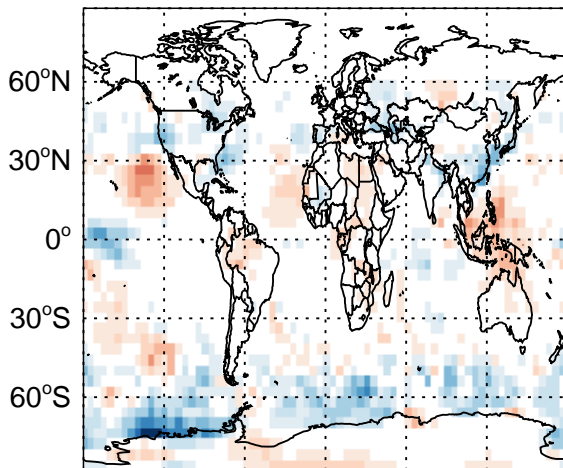
-7.00e-08 -2.33e-08 2.33e-08 7.00e-08

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

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

JMACR - J-Value Diff @ surface for Jan

JMACR - J-Value Diff @ 500 hPa for Jan



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

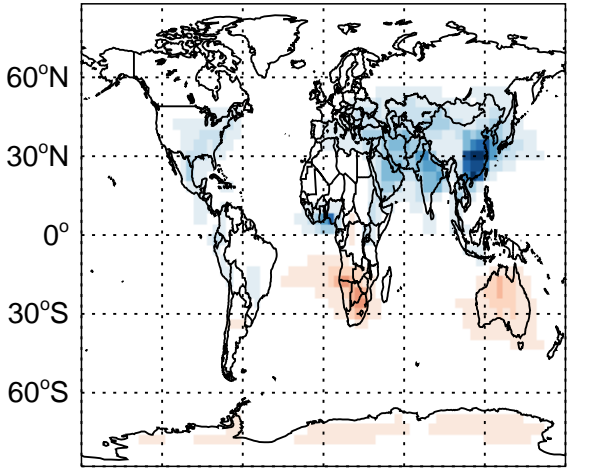
-3.76e-07 -1.25e-07 1.25e-07 3.76e-08

-4.28e-07 -1.43e-07 1.43e-07 4.28e-08

GEOS-Chem J-Values at surface and 500 hPa

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

JHAC - J-Value Diff @ surface for Jan

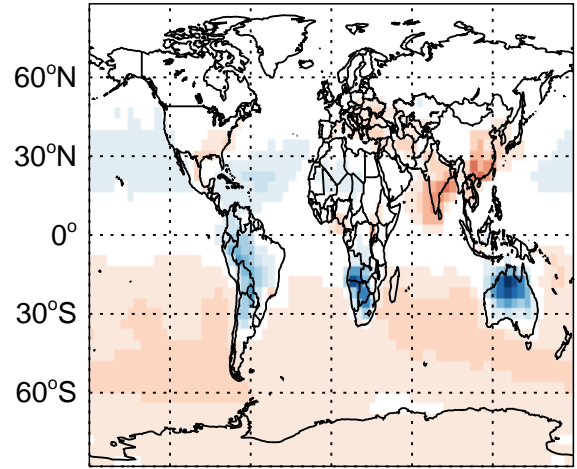


180° 120°W 60°W 0° 60°E 120°E 180°

-1.17e-07 -3.90e-08 3.90e-08 1.17e-07

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

JHAC - J-Value Diff @ 500 hPa for Jan

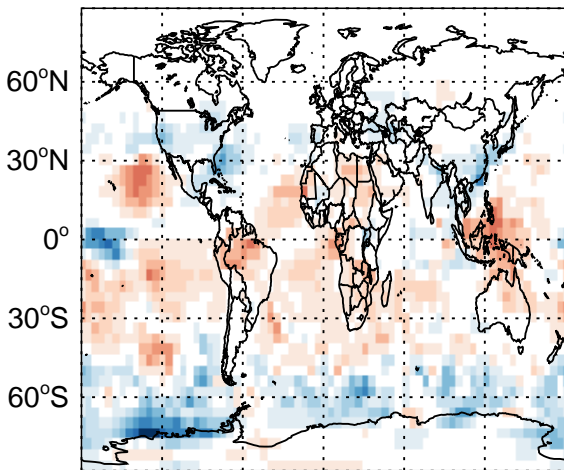


180° 120°W 60°W 0° 60°E 120°E 180°

-9.87e-08 -3.29e-08 3.29e-08 9.87e-08

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

JHAC - J-Value Diff @ surface for Jan

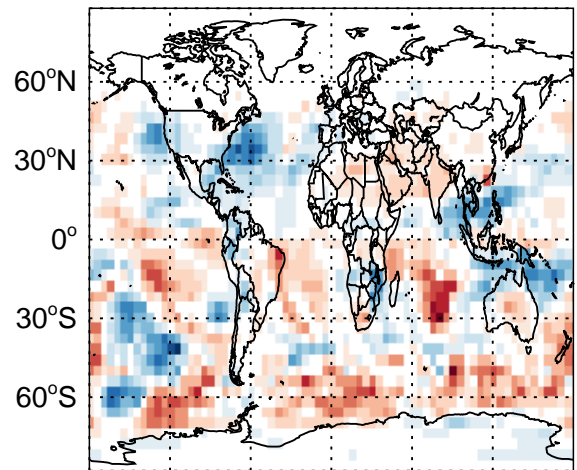


180° 120°W 60°W 0° 60°E 120°E 180°

-4.33e-07 -1.44e-07 1.44e-07 4.33e-07

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

JHAC - J-Value Diff @ 500 hPa for Jan



180° 120°W 60°W 0° 60°E 120°E 180°

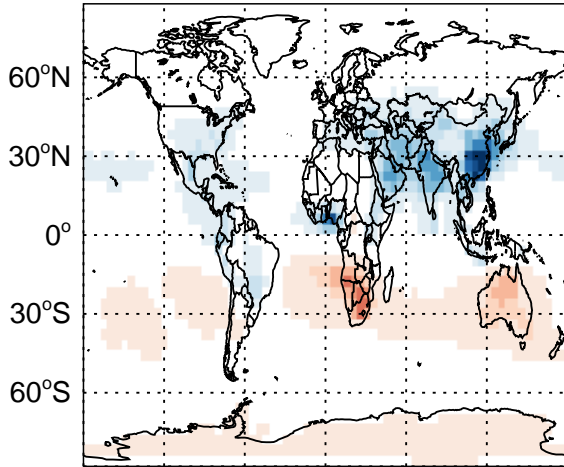
-5.49e-07 -1.83e-07 1.83e-07 5.49e-07

GEOS-Chem J-Values at surface and 500 hPa

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

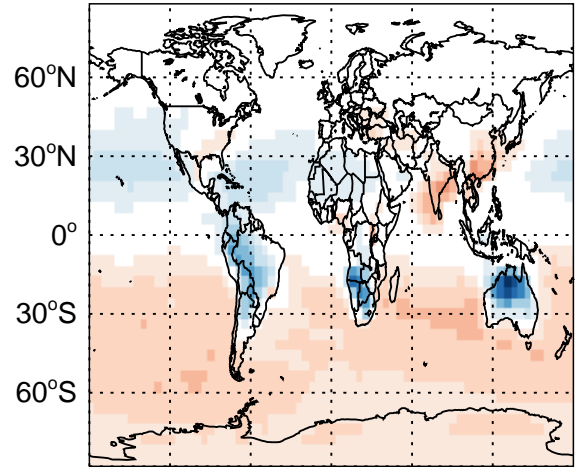
v11-02f-Run0 - v11-02e-Run1

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



180° 120°W 60°W 0° 60°E 120°E 180°

-6.00e-07 -2.00e-07 2.00e-07 6.00e-07



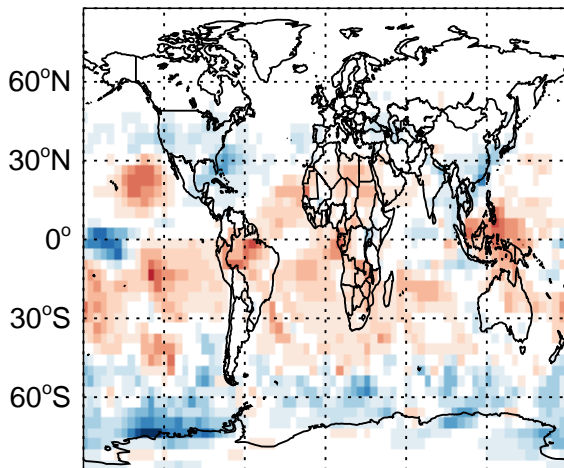
180° 120°W 60°W 0° 60°E 120°E 180°

-5.50e-07 -1.83e-07 1.83e-07 5.50e-07

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

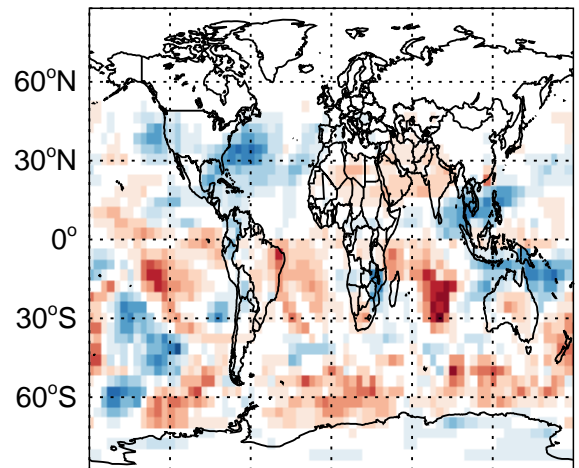
v11-02f-Run0 - v11-02e-Run0

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



180° 120°W 60°W 0° 60°E 120°E 180°

-2.33e-06 -7.76e-07 7.76e-07 2.33e-06



180° 120°W 60°W 0° 60°E 120°E 180°

-3.45e-06 -1.15e-06 1.15e-06 3.45e-06