

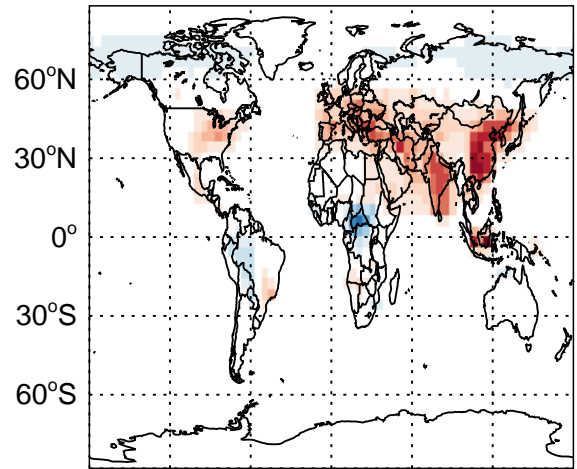
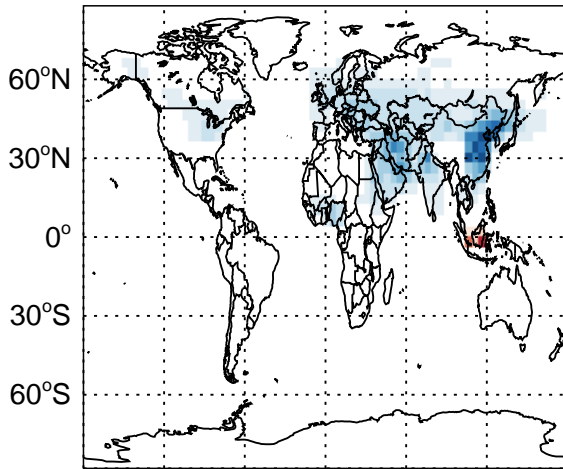
GEOS-Chem J-Values at surface and 500 hPa

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

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

JNO2 - J-Value Diff @ surface for Oct

JNO2 - J-Value Diff @ 500 hPa for Oct



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

-5.02e-04 -1.67e-04 1.67e-04 5.02e-04

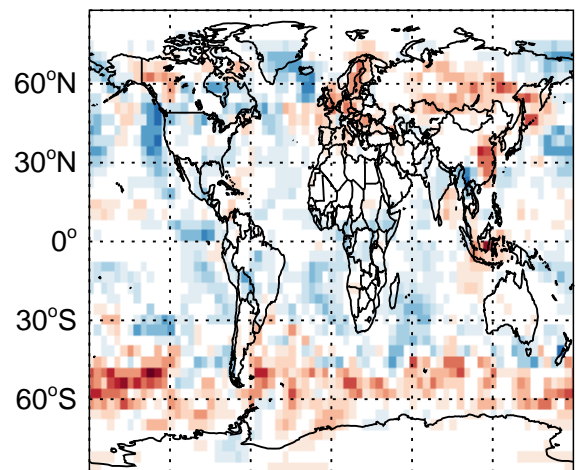
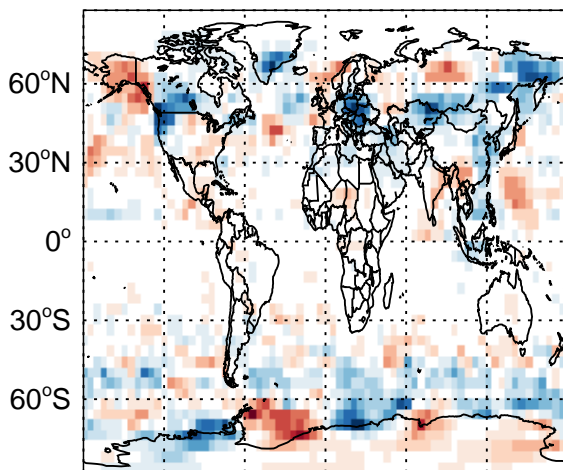
-4.85e-04 -1.62e-04 1.62e-04 4.85e-04

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

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

JNO2 - J-Value Diff @ surface for Oct

JNO2 - J-Value Diff @ 500 hPa for Oct



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

-1.62e-03 -5.41e-04 5.41e-04 1.62e-03

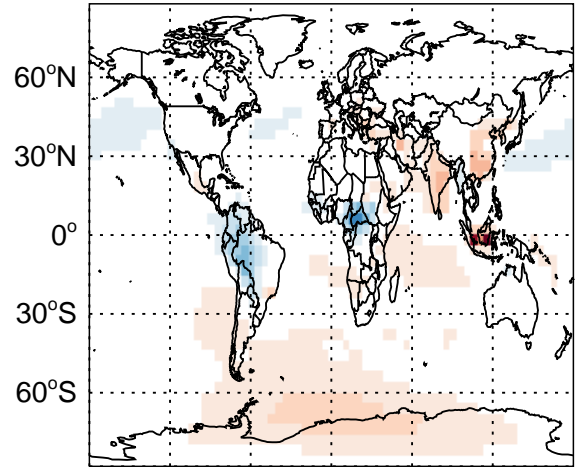
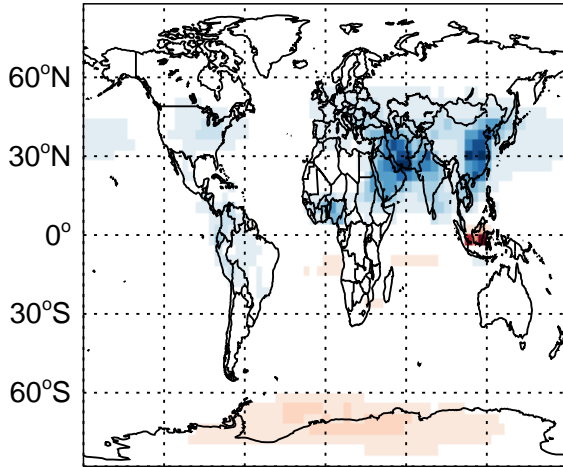
-2.27e-03 -7.57e-04 7.57e-04 2.27e-03

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 Oct JHNO3 - J-Value Diff @ 500 hPa for Oct



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

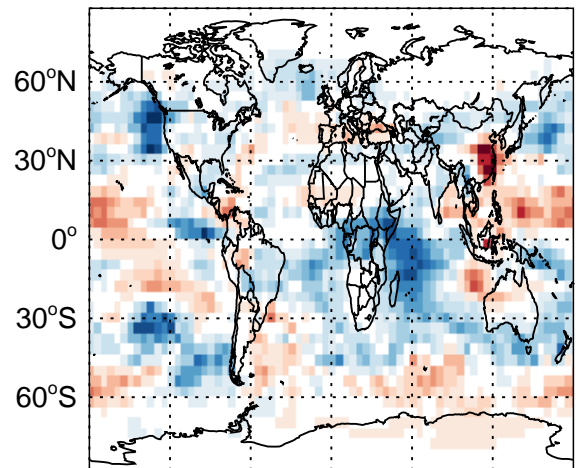
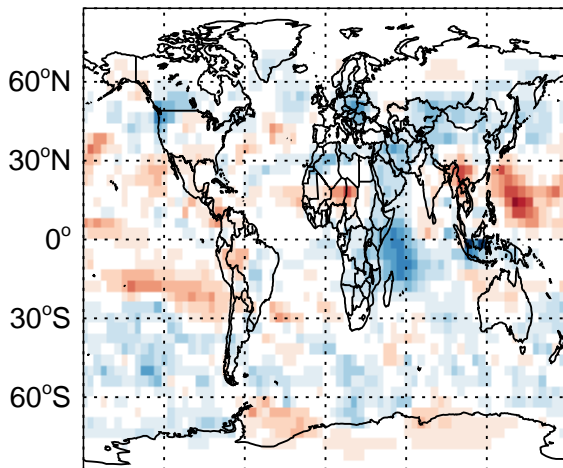
-3.85e-08 -1.28e-08 1.28e-08 3.85e-08

-4.43e-08 -1.48e-08 1.48e-08 4.43e-08

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

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

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



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

-1.16e-07 -3.87e-08 3.87e-08 1.16e-07

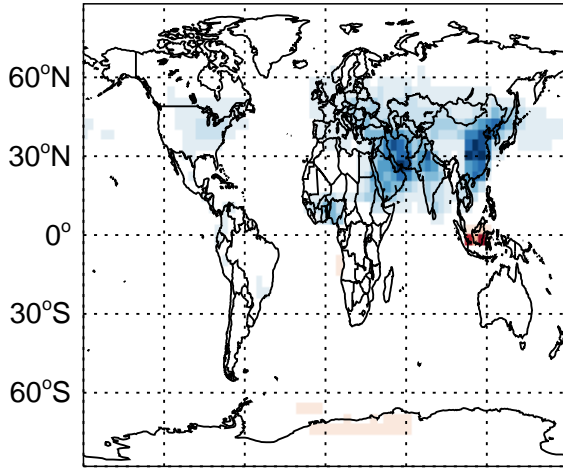
-1.50e-07 -5.00e-08 5.00e-08 1.50e-07

GEOS-Chem J-Values at surface and 500 hPa

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

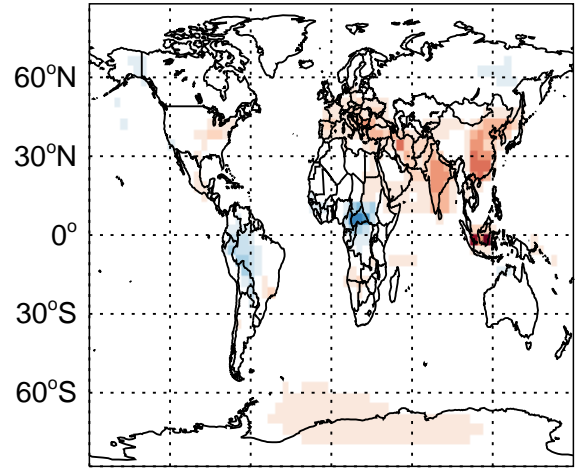
v11-02f-Run0 - v11-02e-Run1

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



180° 120°W 60°W 0° 60°E 120°E 180°

-4.05e-07 -1.35e-07 1.35e-07 4.05e-07



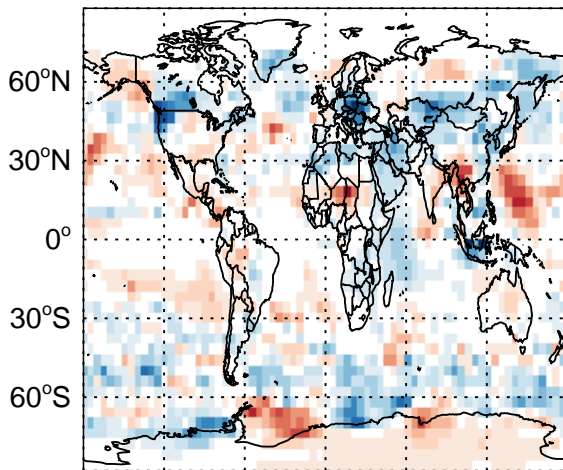
180° 120°W 60°W 0° 60°E 120°E 180°

-4.50e-07 -1.50e-07 1.50e-07 4.50e-07

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

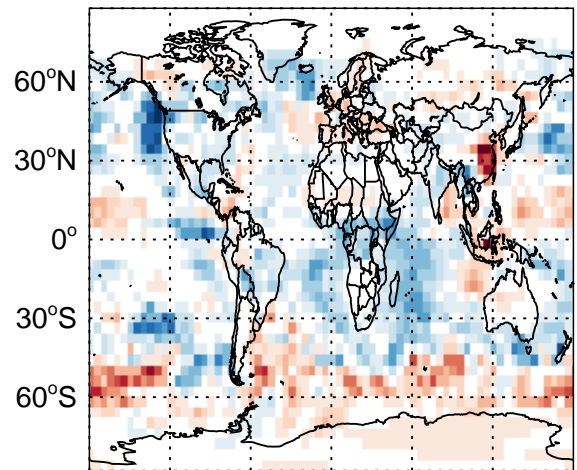
v11-02f-Run0 - v11-02e-Run0

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



180° 120°W 60°W 0° 60°E 120°E 180°

-9.98e-07 -3.33e-07 3.33e-07 9.98e-07



180° 120°W 60°W 0° 60°E 120°E 180°

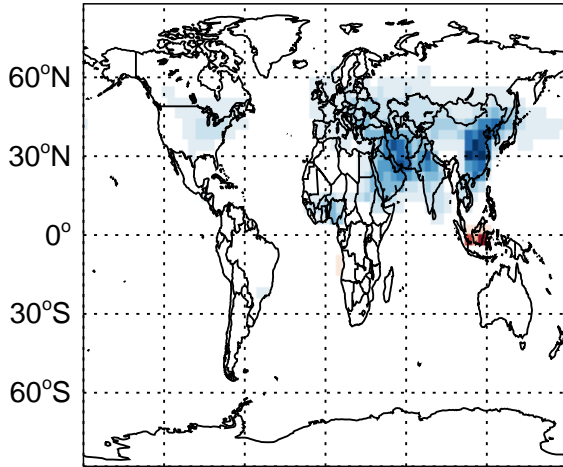
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GEOS-Chem J-Values at surface and 500 hPa

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

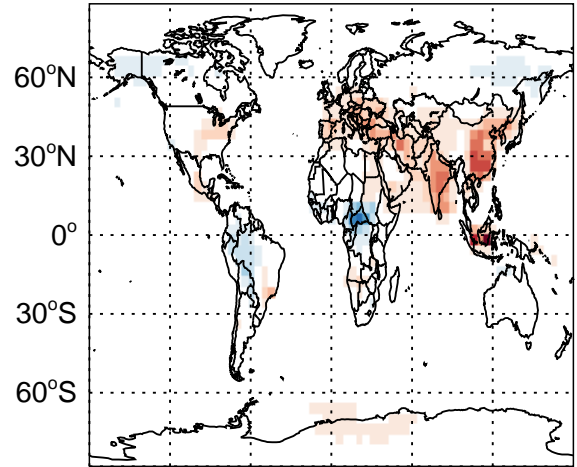
v11-02f-Run0 - v11-02e-Run1

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



180° 120°W 60°W 0° 60°E 120°E 180°

-4.95e-06 -1.65e-06 1.65e-06 4.95e-06



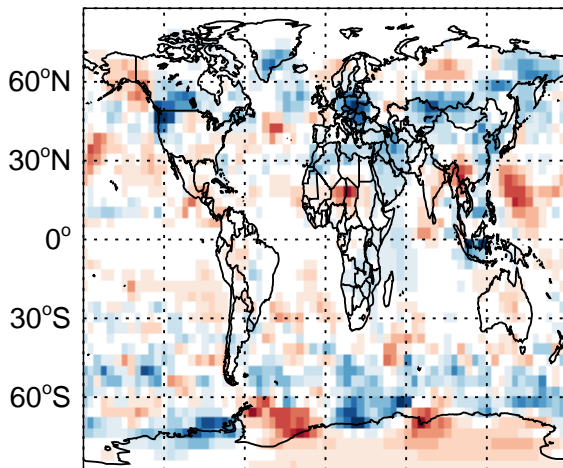
180° 120°W 60°W 0° 60°E 120°E 180°

-5.42e-06 -1.81e-06 1.81e-06 5.42e-06

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

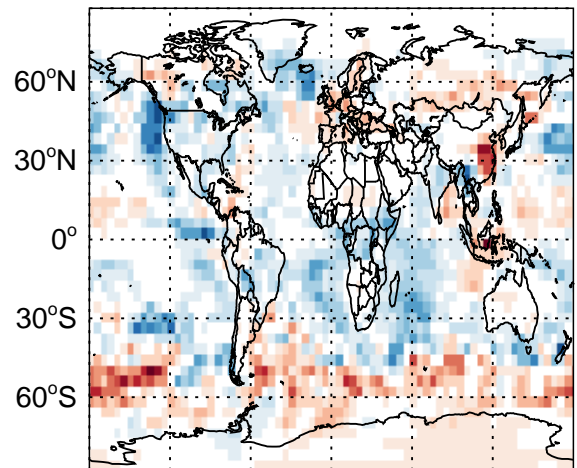
v11-02f-Run0 - v11-02e-Run0

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



180° 120°W 60°W 0° 60°E 120°E 180°

-1.11e-05 -3.69e-06 3.69e-06 1.11e-05



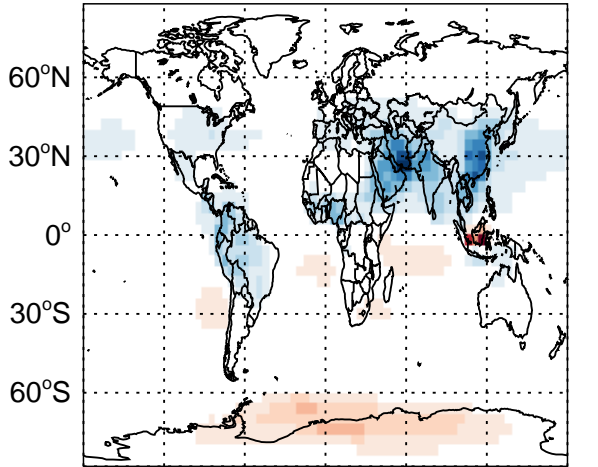
180° 120°W 60°W 0° 60°E 120°E 180°

-1.89e-05 -6.28e-06 6.28e-06 1.89e-05

GEOS-Chem J-Values at surface and 500 hPa

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

JO3_O1D - J-Value Diff @ surface for Oct

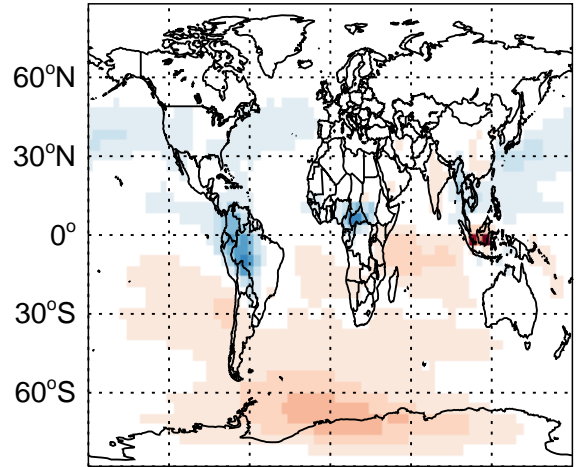


180° 120°W 60°W 0° 60°E 120°E 180°

-2.43e-06 -8.10e-07 8.10e-07 2.43e-06

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

QO3_O1D - J-Value Diff @ 500 hPa for Oct

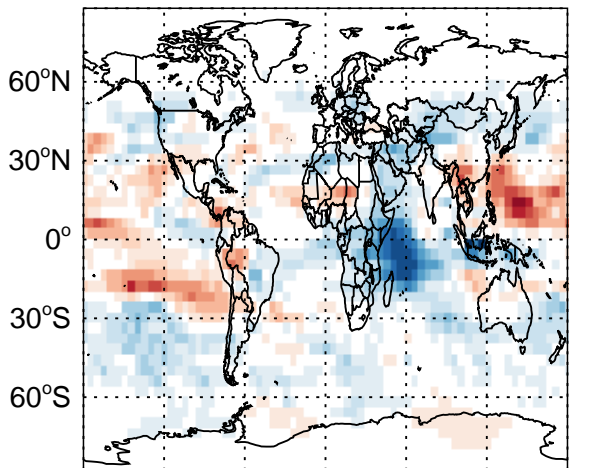


180° 120°W 60°W 0° 60°E 120°E 180°

-2.74e-06 -9.15e-07 9.15e-07 2.74e-06

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

JO3_O1D - J-Value Diff @ surface for Oct

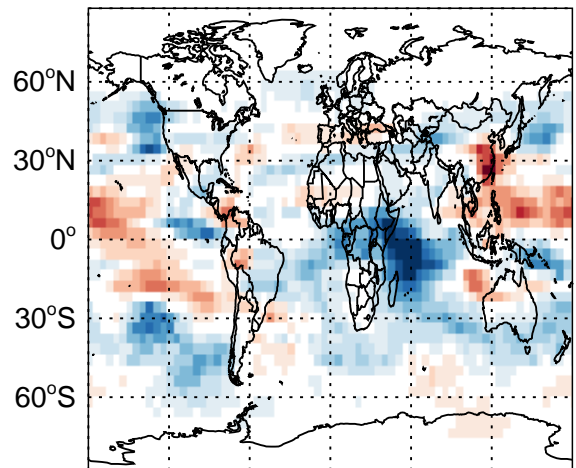


180° 120°W 60°W 0° 60°E 120°E 180°

-7.93e-06 -2.64e-06 2.64e-06 7.93e-06

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

QO3_O1D - J-Value Diff @ 500 hPa for Oct



180° 120°W 60°W 0° 60°E 120°E 180°

-1.22e-05 -4.07e-06 4.07e-06 1.22e-05

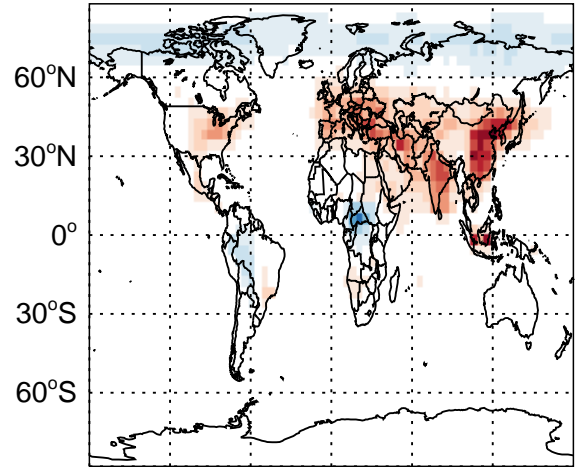
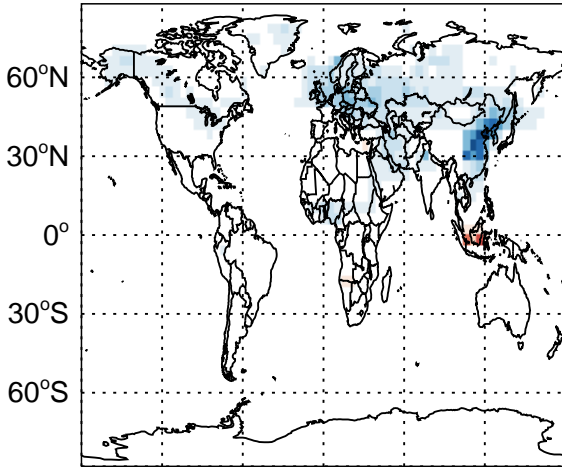
GEOS-Chem J-Values at surface and 500 hPa

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

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

JO3_O3P - J-Value Diff @ surface for Oct

JO3_O3P - J-Value Diff @ 500 hPa for Oct



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

-1.91e-05 -6.38e-06 6.38e-06 1.91e-05

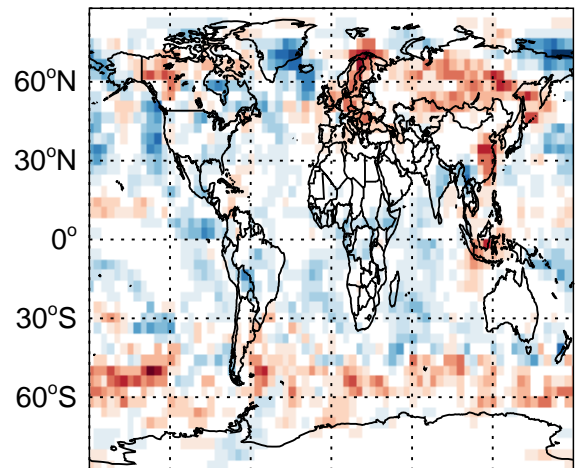
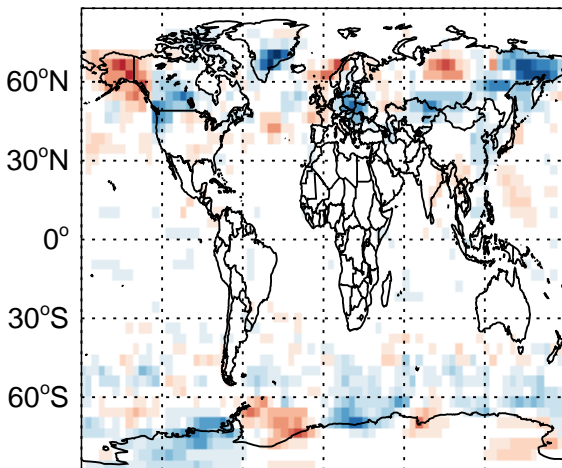
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v11-02f-Run0 - v11-02e-Run0

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

JO3_O3P - J-Value Diff @ surface for Oct

JO3_O3P - J-Value Diff @ 500 hPa for Oct



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

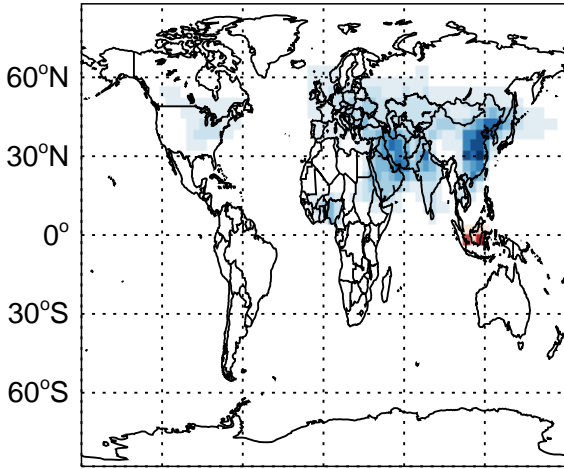
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-1.21e-04 -4.04e-05 4.04e-05 1.21e-04

GEOS-Chem J-Values at surface and 500 hPa

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

JBrO - J-Value Diff @ surface for Oct

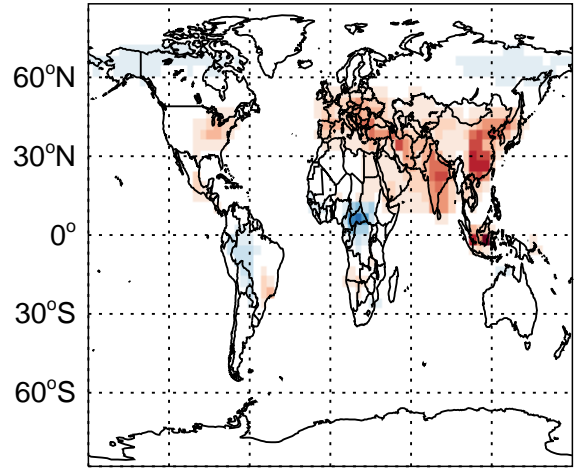


180° 120°W 60°W 0° 60°E 120°E 180°

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

JBrO - J-Value Diff @ 500 hPa for Oct

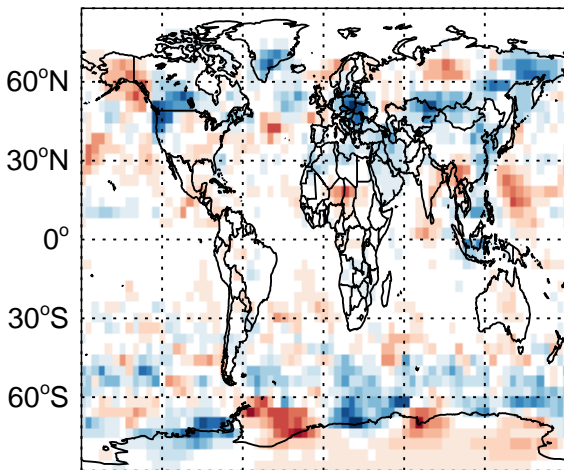


180° 120°W 60°W 0° 60°E 120°E 180°

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

JBrO - J-Value Diff @ surface for Oct

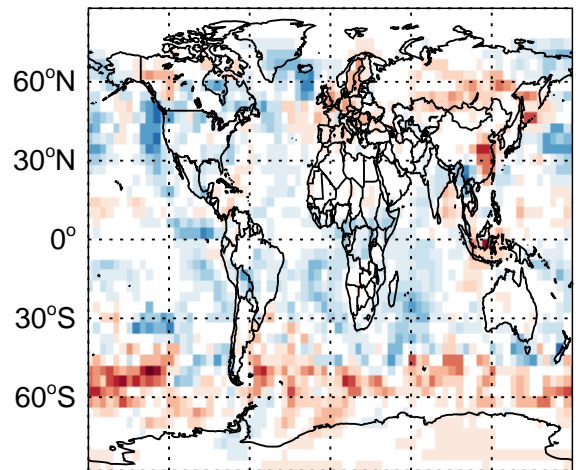


180° 120°W 60°W 0° 60°E 120°E 180°

-5.74e-03 -1.91e-03 1.91e-03 5.74e-03

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

JBrO - J-Value Diff @ 500 hPa for Oct



180° 120°W 60°W 0° 60°E 120°E 180°

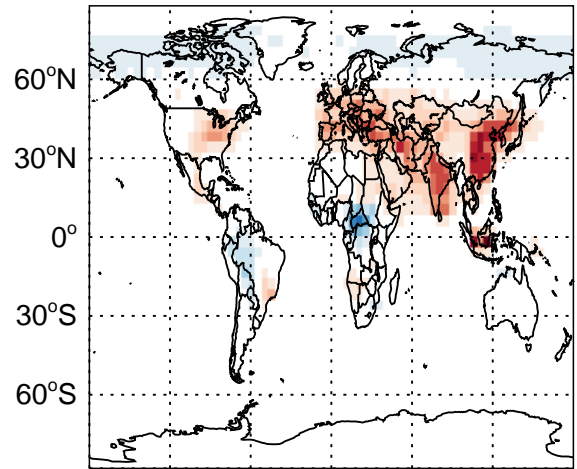
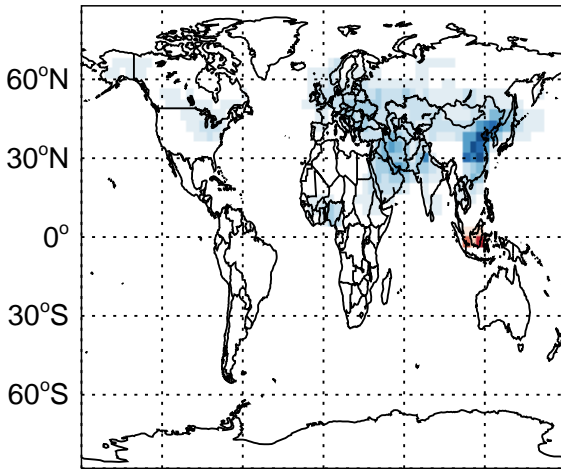
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GEOS-Chem J-Values at surface and 500 hPa

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

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

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



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

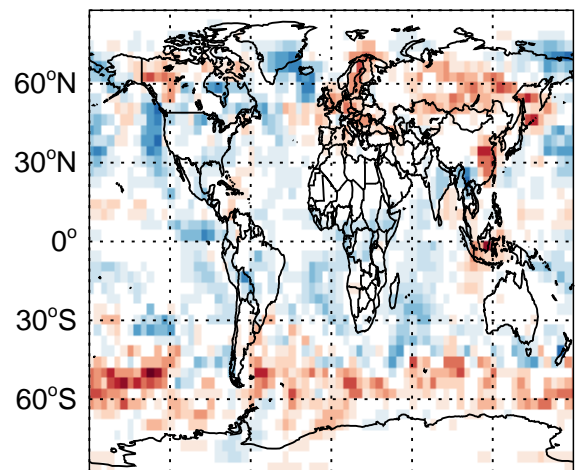
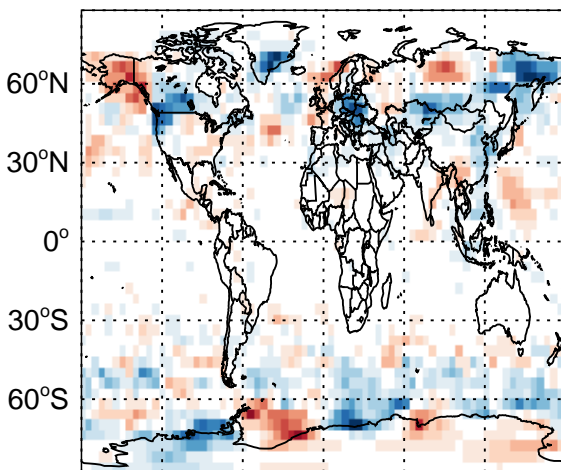
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-1.10e-04 -3.65e-05 3.65e-05 1.10e-04

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

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

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



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

-4.60e-04 -1.53e-04 1.53e-04 4.60e-04

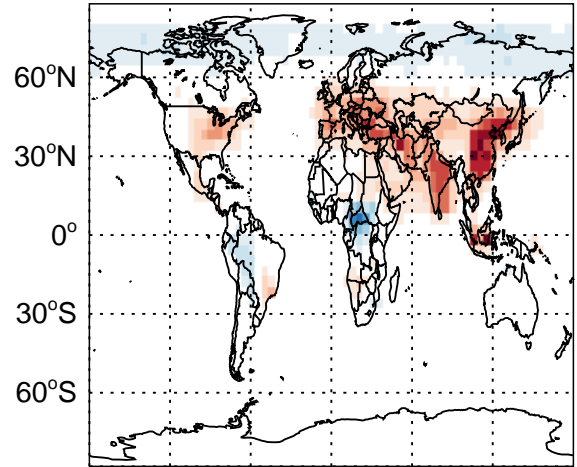
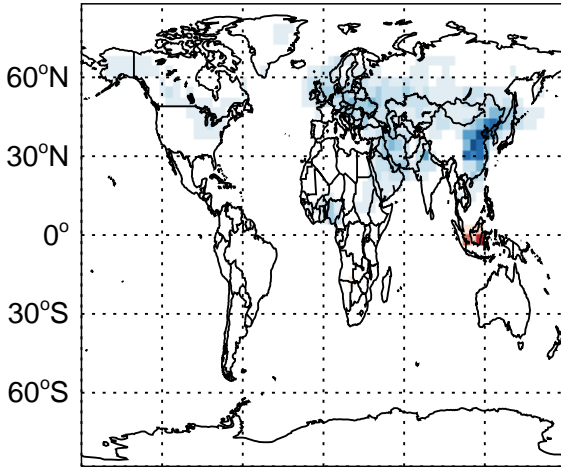
-5.54e-04 -1.85e-04 1.85e-04 5.54e-04

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 Oct | JBrNO₂ - J-Value Diff @ 500 hPa for Oct



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

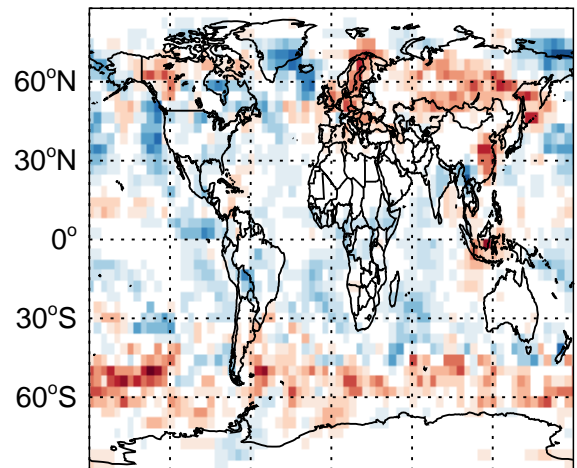
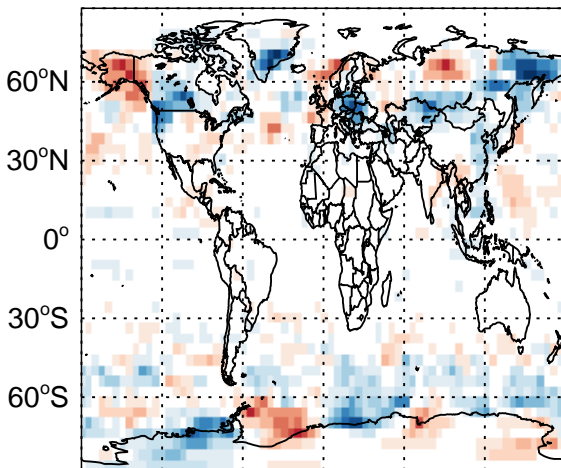
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-3.04e-04 -1.01e-04 1.01e-04 3.04e-04

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

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

JBrNO₂ - J-Value Diff @ surface for Oct | JBrNO₂ - J-Value Diff @ 500 hPa for Oct



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

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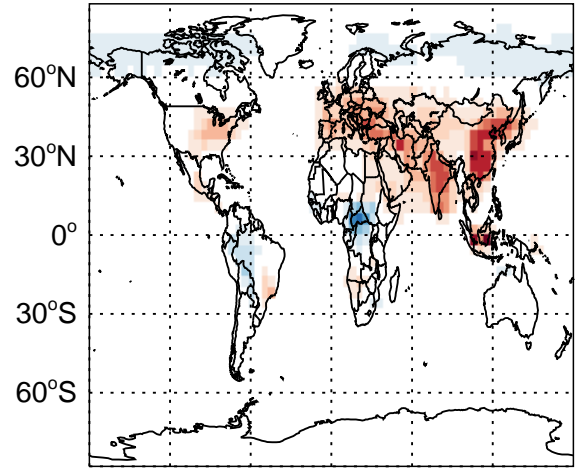
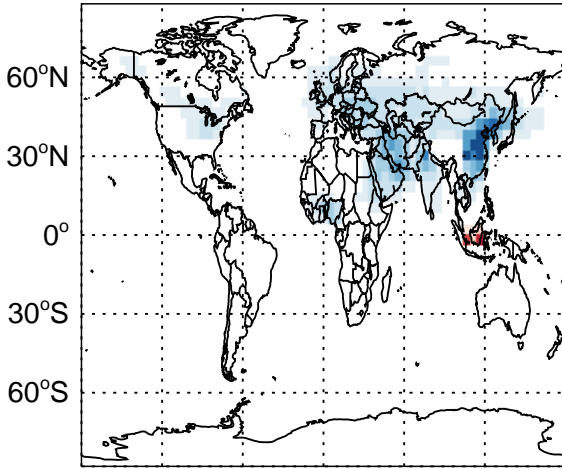
-1.66e-03 -5.52e-04 5.52e-04 1.66e-03

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 Oct | JBrNO₃ - J-Value Diff @ 500 hPa for Oct



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

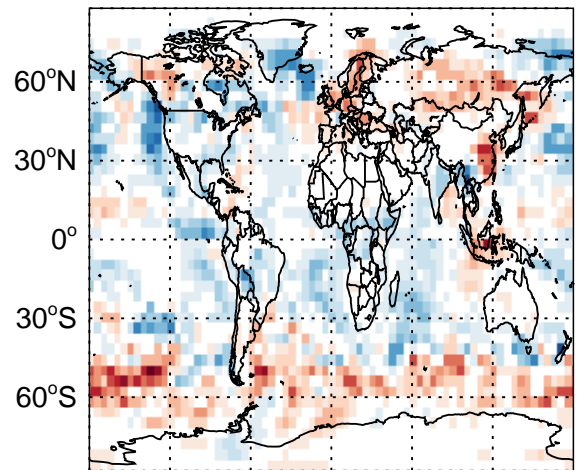
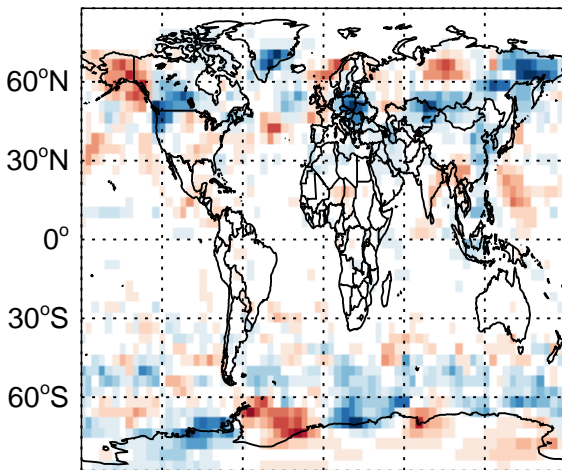
-7.11e-05 -2.38e-05 2.38e-05 7.11e-05

-6.96e-05 -2.32e-05 2.32e-05 6.96e-05

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

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

JBrNO₃ - J-Value Diff @ surface for Oct | JBrNO₃ - J-Value Diff @ 500 hPa for Oct



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

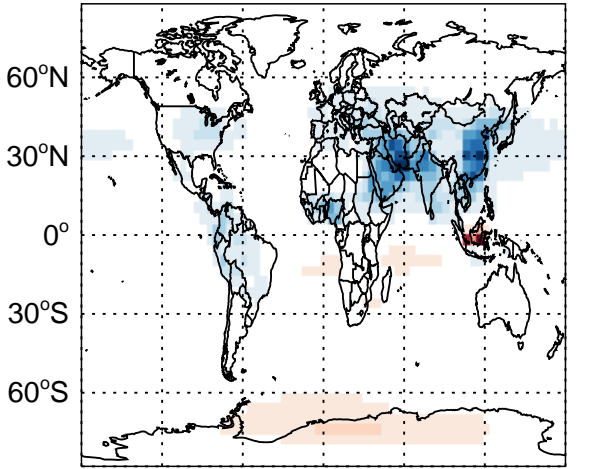
-2.57e-04 -8.56e-05 8.56e-05 2.57e-04

-3.23e-04 -1.08e-04 1.08e-04 3.23e-04

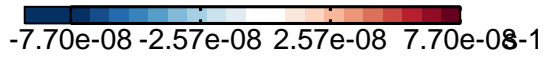
GEOS-Chem J-Values at surface and 500 hPa

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

JCHBr3 - J-Value Diff @ surface for Oct

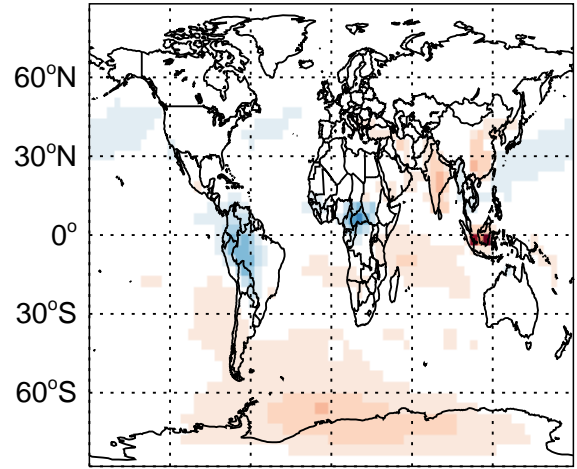


180° 120°W 60°W 0° 60°E 120°E 180°

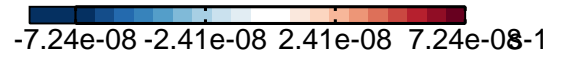


v11-02f-Run0 - v11-02e-Run1

JCHBr3 - J-Value Diff @ 500 hPa for Oct

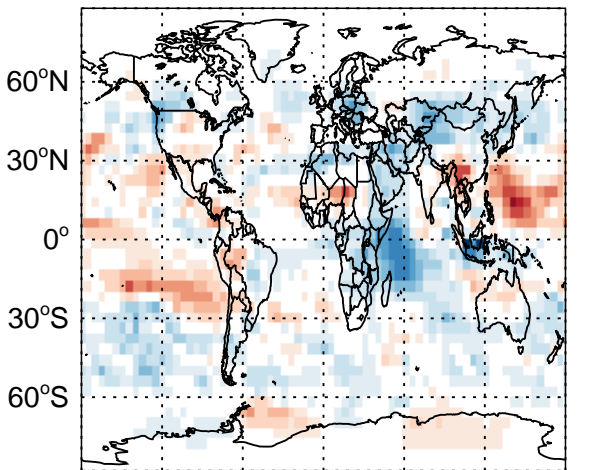


180° 120°W 60°W 0° 60°E 120°E 180°

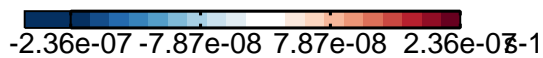


v11-02f-Run0 - v11-02e-Run0

JCHBr3 - J-Value Diff @ surface for Oct

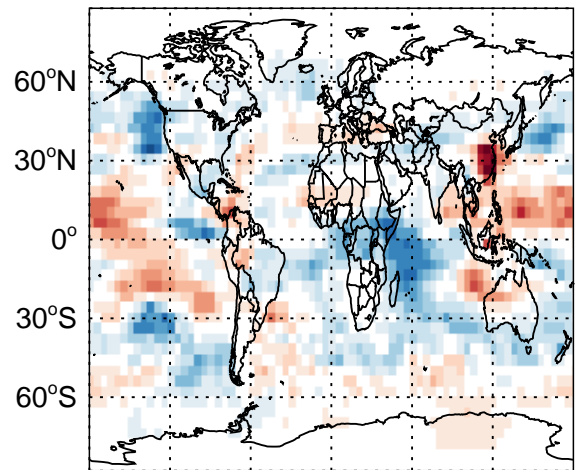


180° 120°W 60°W 0° 60°E 120°E 180°

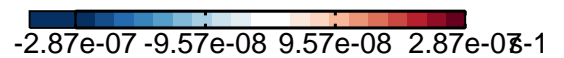


v11-02f-Run0 - v11-02e-Run0

JCHBr3 - J-Value Diff @ 500 hPa for Oct



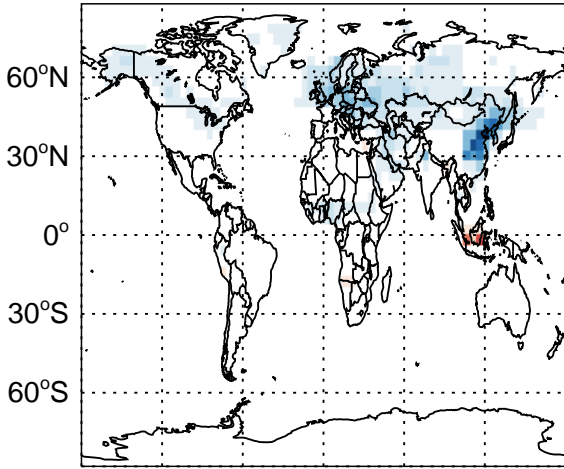
180° 120°W 60°W 0° 60°E 120°E 180°



GEOS-Chem J-Values at surface and 500 hPa

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

JBr2 - J-Value Diff @ surface for Oct

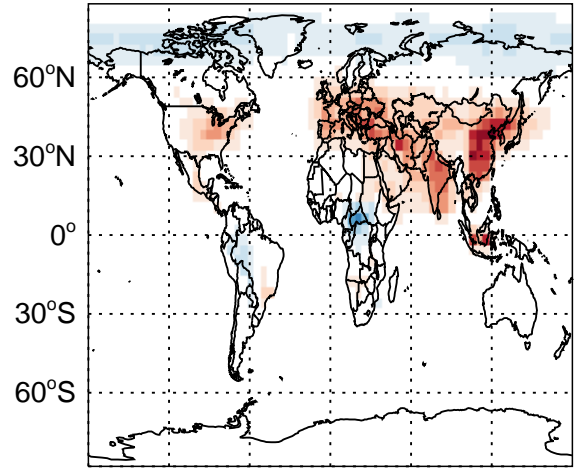


180° 120°W 60°W 0° 60°E 120°E 180°

-1.44e-03 -4.81e-04 4.81e-04 1.44e-03

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

JBr2 - J-Value Diff @ 500 hPa for Oct

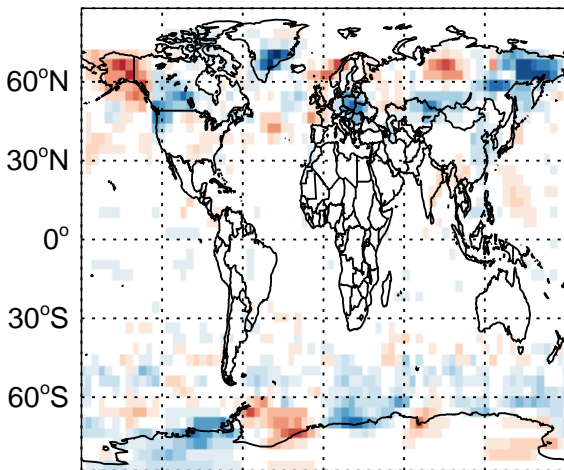


180° 120°W 60°W 0° 60°E 120°E 180°

-1.62e-03 -5.38e-04 5.38e-04 1.62e-03

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

JBr2 - J-Value Diff @ surface for Oct

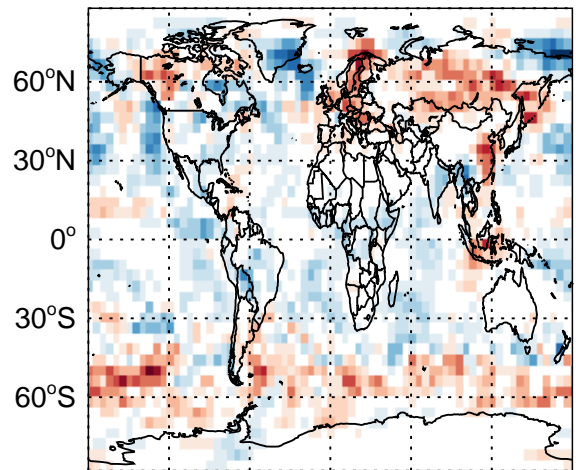


180° 120°W 60°W 0° 60°E 120°E 180°

-1.11e-02 -3.70e-03 3.70e-03 1.11e-02

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

JBr2 - J-Value Diff @ 500 hPa for Oct



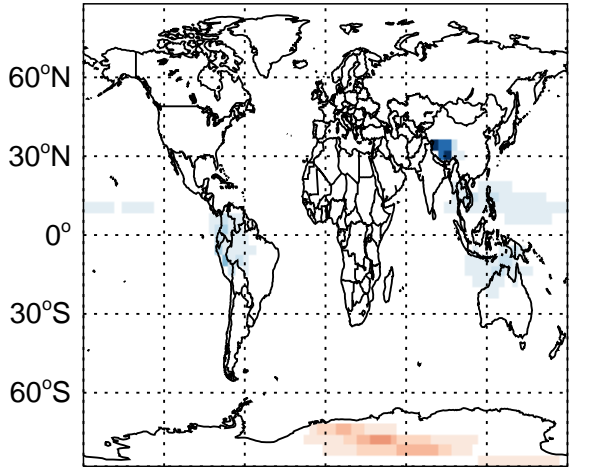
180° 120°W 60°W 0° 60°E 120°E 180°

-9.25e-03 -3.08e-03 3.08e-03 9.25e-03

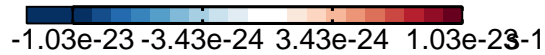
GEOS-Chem J-Values at surface and 500 hPa

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

JO2 - J-Value Diff @ surface for Oct

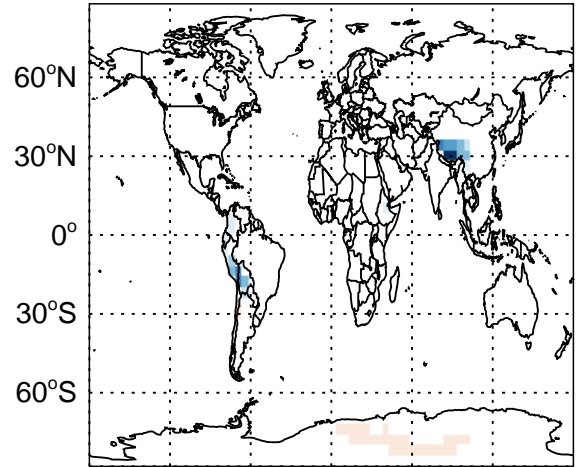


180° 120°W 60°W 0° 60°E 120°E 180°

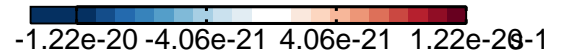


v11-02f-Run0 - v11-02e-Run1

JO2 - J-Value Diff @ 500 hPa for Oct

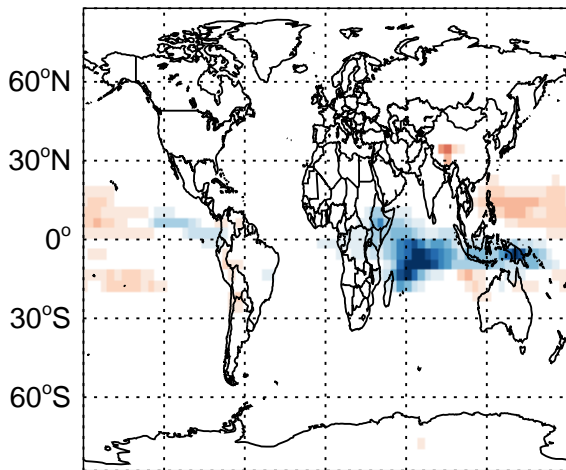


180° 120°W 60°W 0° 60°E 120°E 180°

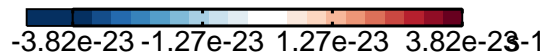


v11-02f-Run0 - v11-02e-Run0

JO2 - J-Value Diff @ surface for Oct

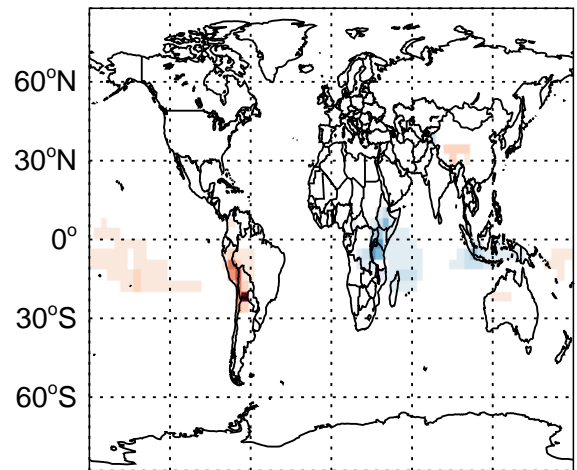


180° 120°W 60°W 0° 60°E 120°E 180°

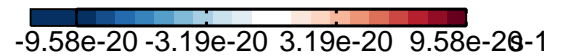


v11-02f-Run0 - v11-02e-Run0

JO2 - J-Value Diff @ 500 hPa for Oct



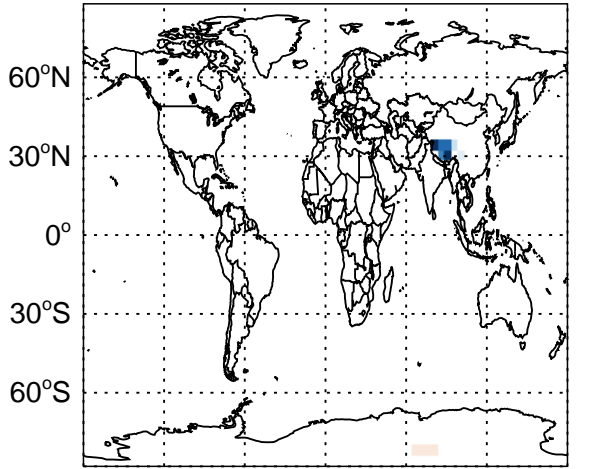
180° 120°W 60°W 0° 60°E 120°E 180°



GEOS-Chem J-Values at surface and 500 hPa

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

JN2O - J-Value Diff @ surface for Oct

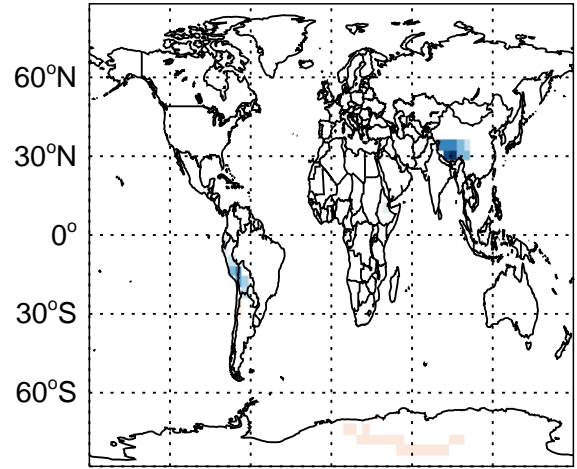


180° 120°W 60°W 0° 60°E 120°E 180°

-1.15e-20 -3.84e-21 3.84e-21 1.15e-20

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

JN2O - J-Value Diff @ 500 hPa for Oct

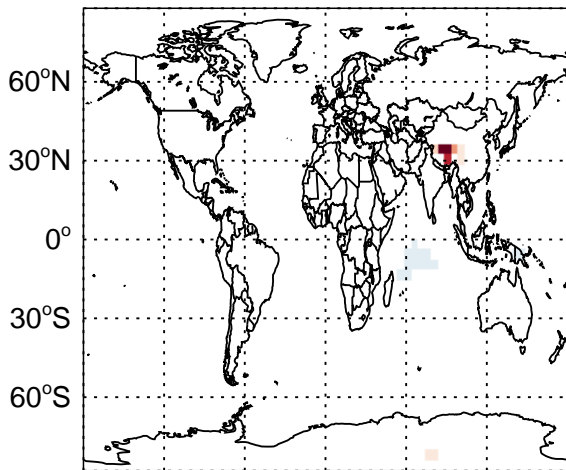


180° 120°W 60°W 0° 60°E 120°E 180°

-1.61e-17 -5.36e-18 5.36e-18 1.61e-17

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

JN2O - J-Value Diff @ surface for Oct

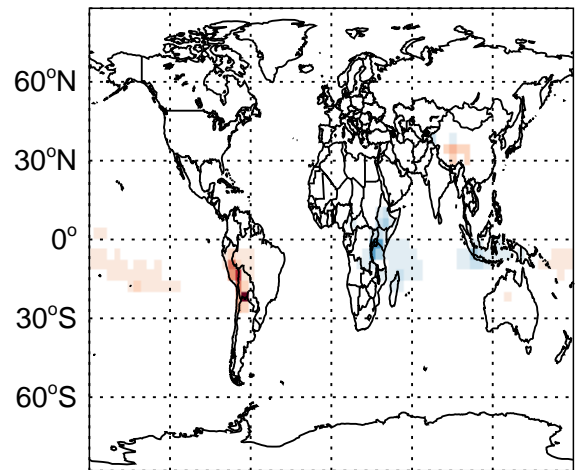


180° 120°W 60°W 0° 60°E 120°E 180°

-2.40e-20 -8.01e-21 8.01e-21 2.40e-20

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

JN2O - J-Value Diff @ 500 hPa for Oct



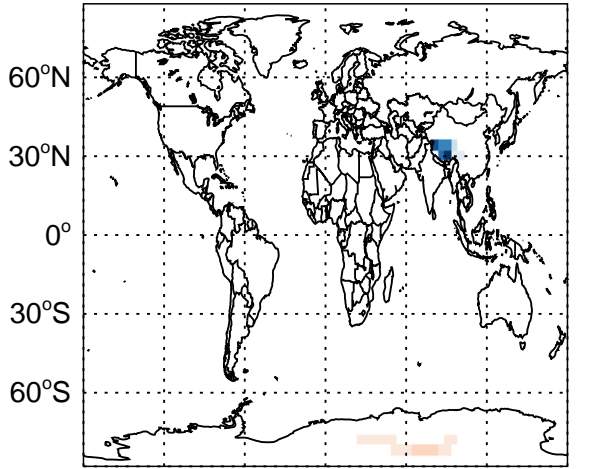
180° 120°W 60°W 0° 60°E 120°E 180°

-1.21e-16 -4.02e-17 4.02e-17 1.21e-16

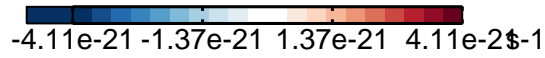
GEOS-Chem J-Values at surface and 500 hPa

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

JNO - J-Value Diff @ surface for Oct

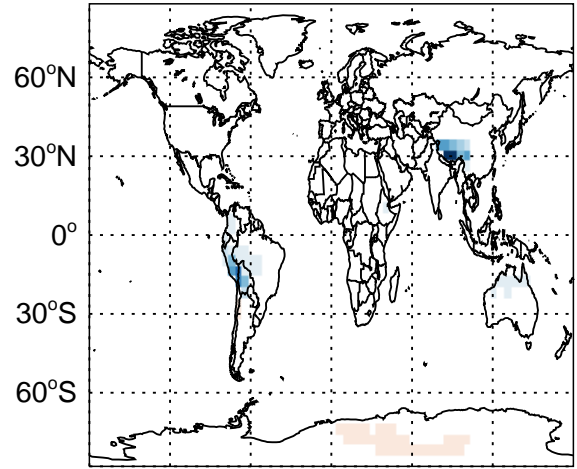


180° 120°W 60°W 0° 60°E 120°E 180°

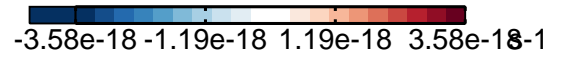


v11-02f-Run0 - v11-02e-Run1

JNO - J-Value Diff @ 500 hPa for Oct

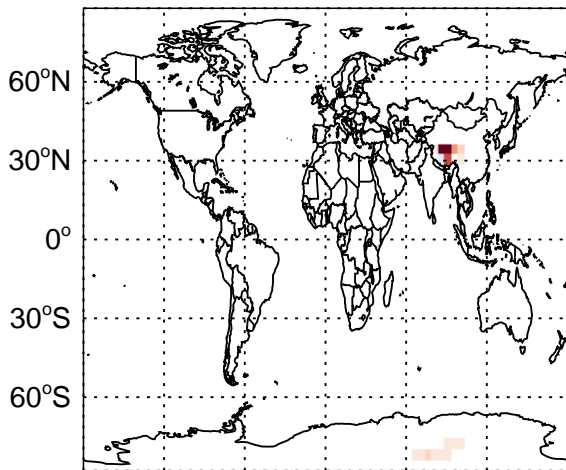


180° 120°W 60°W 0° 60°E 120°E 180°

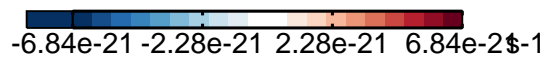


v11-02f-Run0 - v11-02e-Run0

JNO - J-Value Diff @ surface for Oct

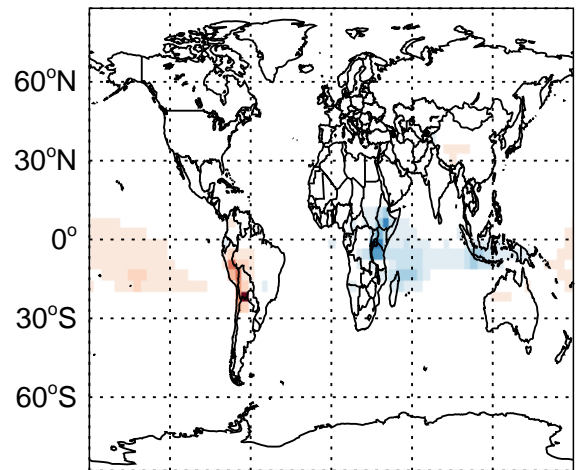


180° 120°W 60°W 0° 60°E 120°E 180°

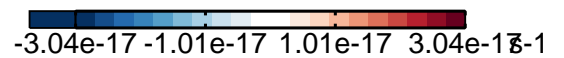


v11-02f-Run0 - v11-02e-Run0

JNO - J-Value Diff @ 500 hPa for Oct



180° 120°W 60°W 0° 60°E 120°E 180°



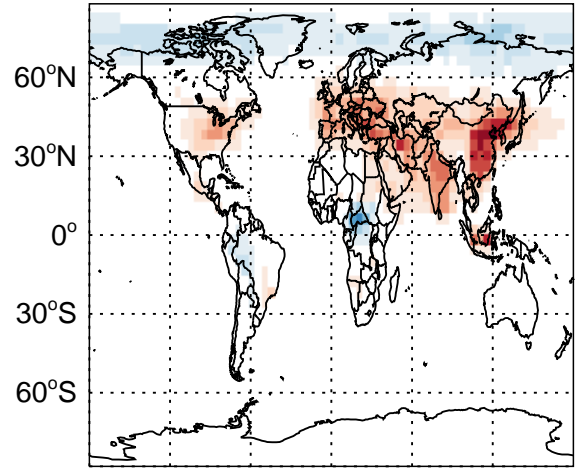
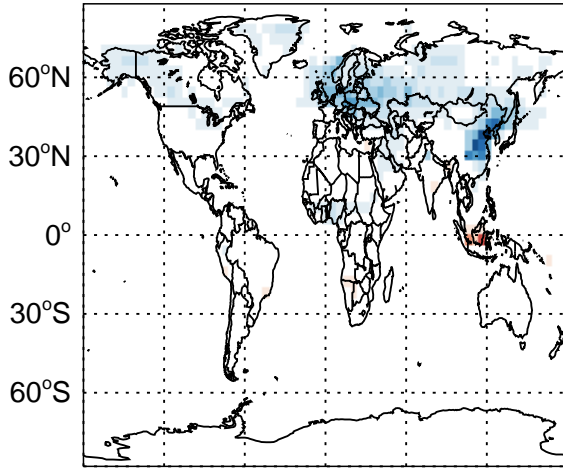
GEOS-Chem J-Values at surface and 500 hPa

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

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

JNO3 - J-Value Diff @ surface for Oct

JNO3 - J-Value Diff @ 500 hPa for Oct



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

-8.62e-03 -2.87e-03 2.87e-03 8.62e-03

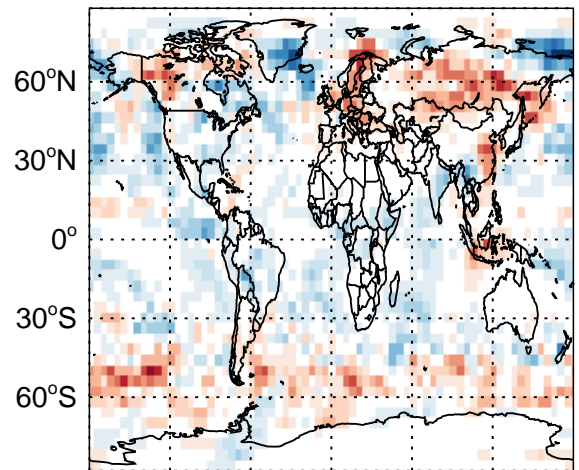
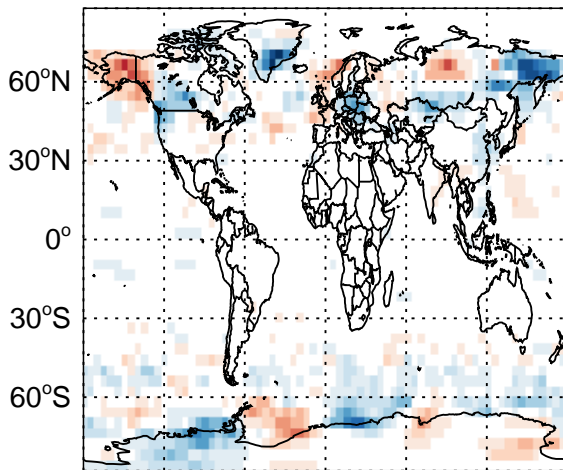
-1.09e-02 -3.64e-03 3.64e-03 1.09e-02

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

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

JNO3 - J-Value Diff @ surface for Oct

JNO3 - J-Value Diff @ 500 hPa for Oct



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

-8.72e-02 -2.91e-02 2.91e-02 8.72e-02

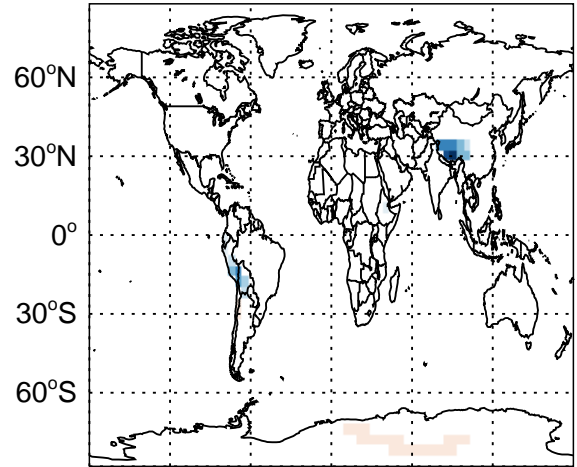
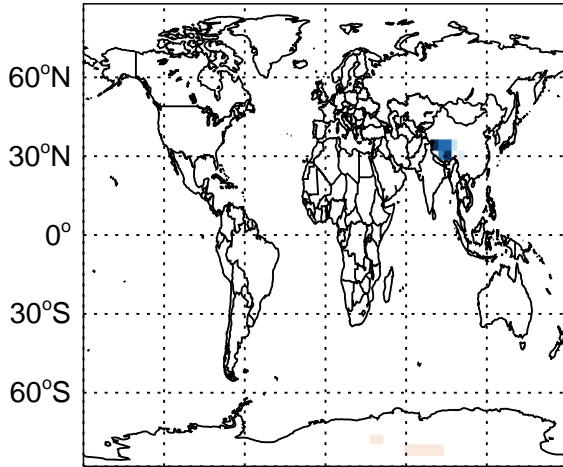
-7.32e-02 -2.44e-02 2.44e-02 7.32e-02

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 Oct CFC11 - J-Value Diff @ 500 hPa for Oct



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

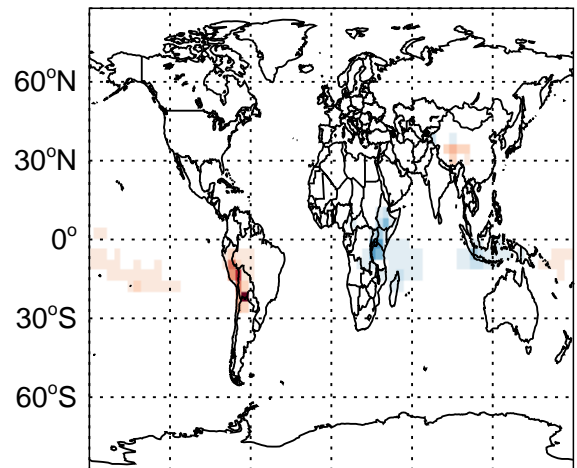
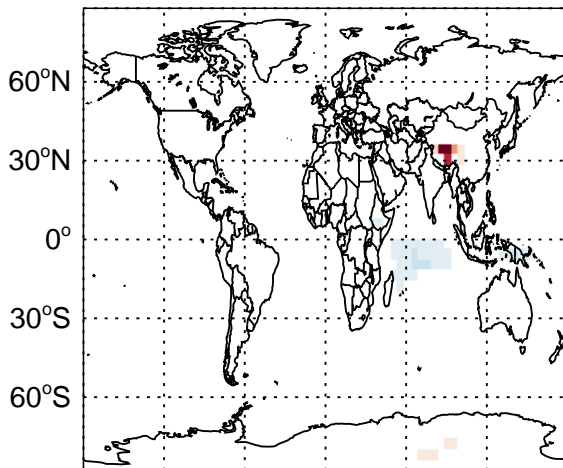
-2.26e-19 -7.53e-20 7.53e-20 2.26e-19

-3.17e-16 -1.06e-16 1.06e-16 3.17e-16

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

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

JCFC11 - J-Value Diff @ surface for Oct CFC11 - J-Value Diff @ 500 hPa for Oct



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

-4.63e-19 -1.54e-19 1.54e-19 4.63e-19

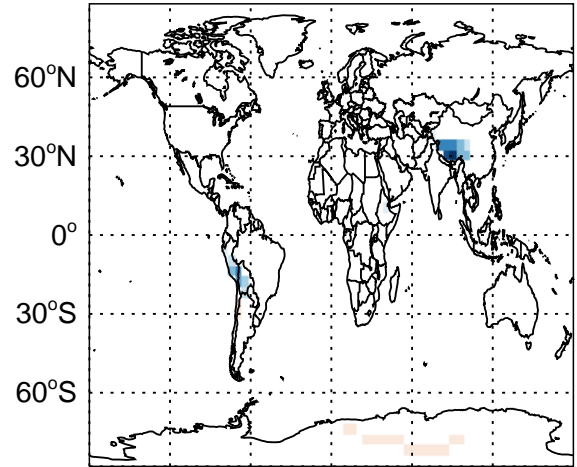
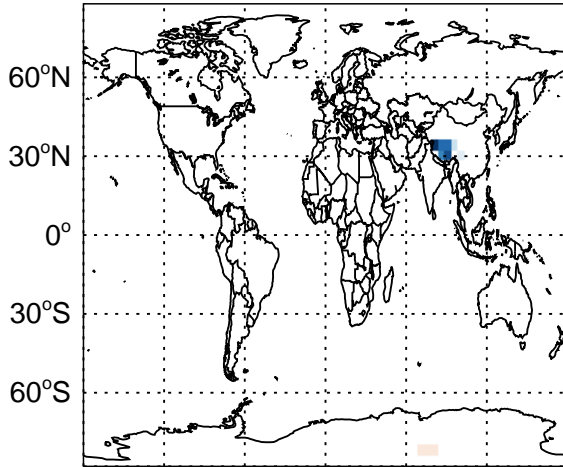
-2.38e-15 -7.94e-16 7.94e-16 2.38e-15

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 Oct CFC12 - J-Value Diff @ 500 hPa for Oct



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

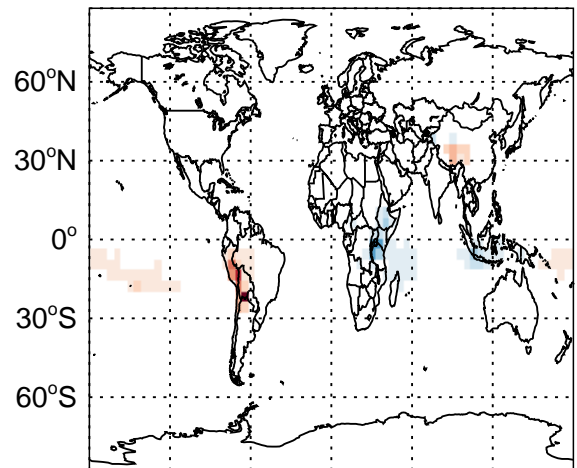
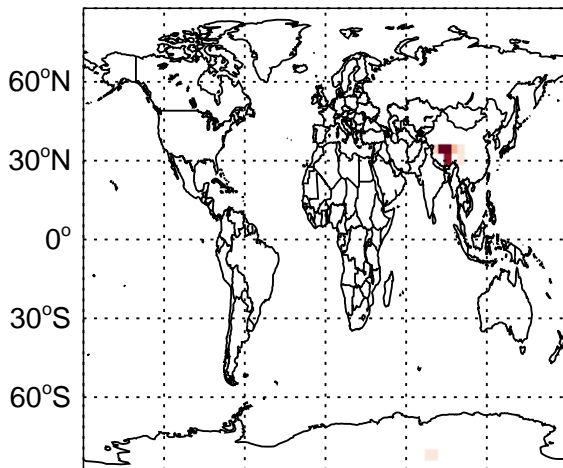
-1.57e-20 -5.22e-21 5.22e-21 1.57e-20

-2.33e-17 -7.77e-18 7.77e-18 2.33e-17

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

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

JCFC12 - J-Value Diff @ surface for Oct CFC12 - J-Value Diff @ 500 hPa for Oct



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

-3.32e-20 -1.11e-20 1.11e-20 3.32e-20

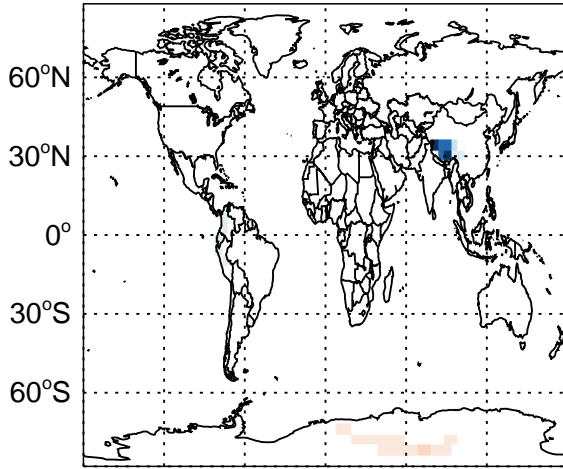
-1.71e-16 -5.70e-17 5.70e-17 1.71e-16

GEOS-Chem J-Values at surface and 500 hPa

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

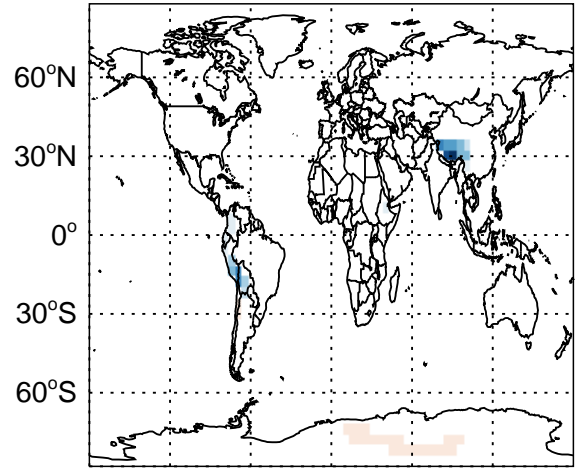
v11-02f-Run0 - v11-02e-Run1

JCCI4 - J-Value Diff @ surface for Oct JCCI4 - J-Value Diff @ 500 hPa for Oct



180° 120°W 60°W 0° 60°E 120°E 180°

-6.62e-19 -2.21e-19 2.21e-19 6.62e-19



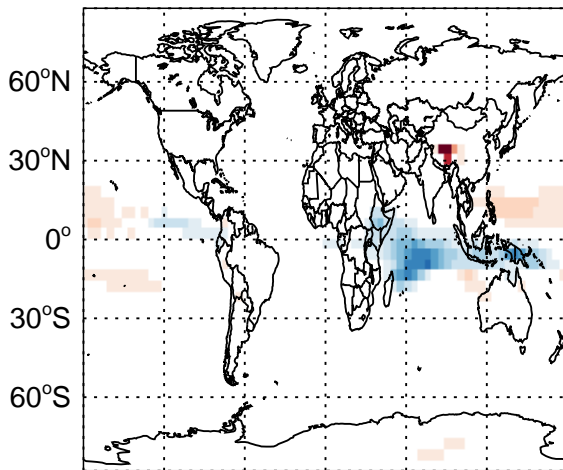
180° 120°W 60°W 0° 60°E 120°E 180°

-8.24e-16 -2.75e-16 2.75e-16 8.24e-16

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

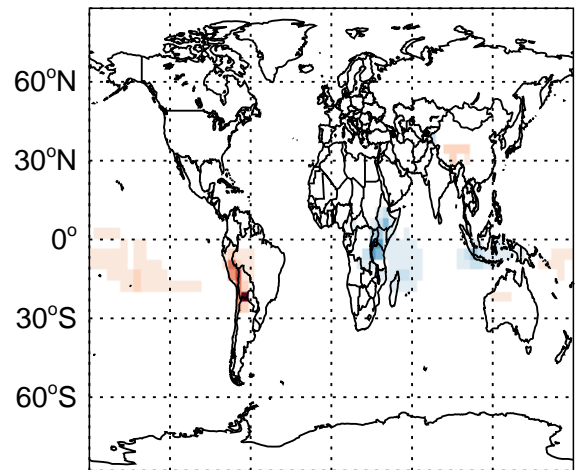
v11-02f-Run0 - v11-02e-Run0

JCCI4 - J-Value Diff @ surface for Oct JCCI4 - J-Value Diff @ 500 hPa for Oct



180° 120°W 60°W 0° 60°E 120°E 180°

-1.33e-18 -4.43e-19 4.43e-19 1.33e-18



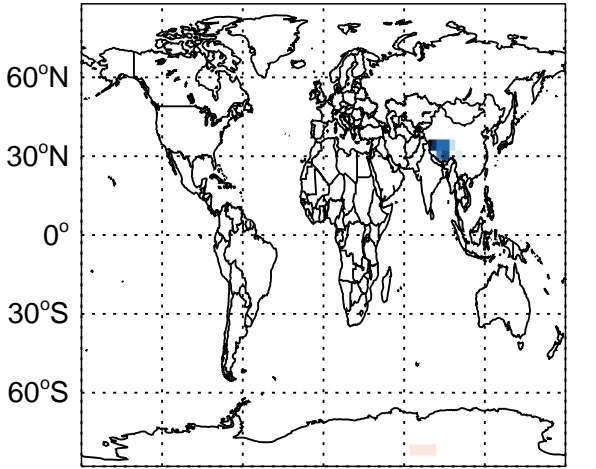
180° 120°W 60°W 0° 60°E 120°E 180°

-6.45e-15 -2.15e-15 2.15e-15 6.45e-15

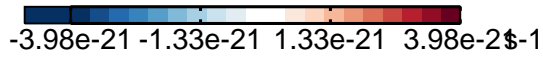
GEOS-Chem J-Values at surface and 500 hPa

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

JCH3Cl - J-Value Diff @ surface for Oct

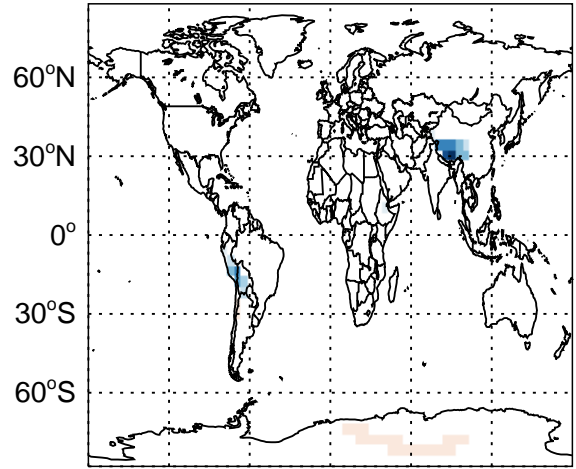


180° 120°W 60°W 0° 60°E 120°E 180°

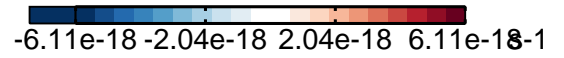


v11-02f-Run0 - v11-02e-Run1

JCH3Cl - J-Value Diff @ 500 hPa for Oct

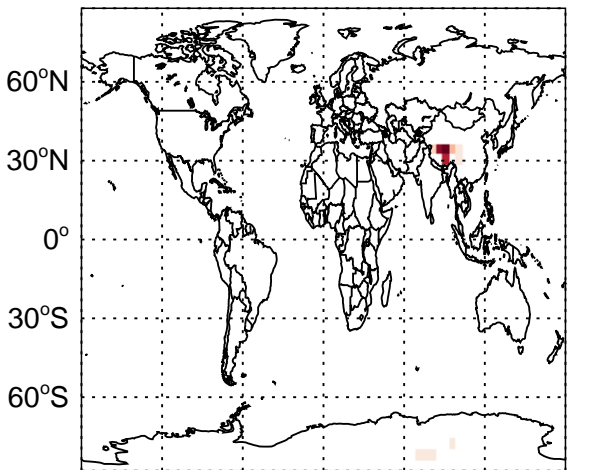


180° 120°W 60°W 0° 60°E 120°E 180°

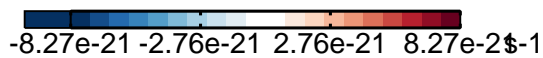


v11-02f-Run0 - v11-02e-Run0

JCH3Cl - J-Value Diff @ surface for Oct

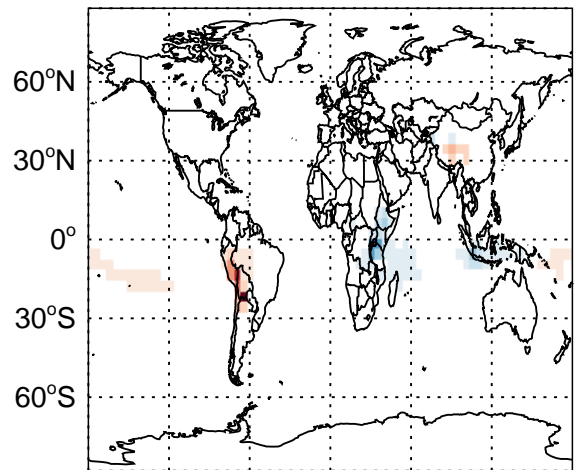


180° 120°W 60°W 0° 60°E 120°E 180°

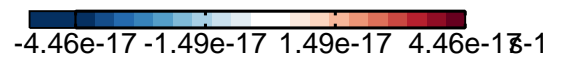


v11-02f-Run0 - v11-02e-Run0

JCH3Cl - J-Value Diff @ 500 hPa for Oct



180° 120°W 60°W 0° 60°E 120°E 180°

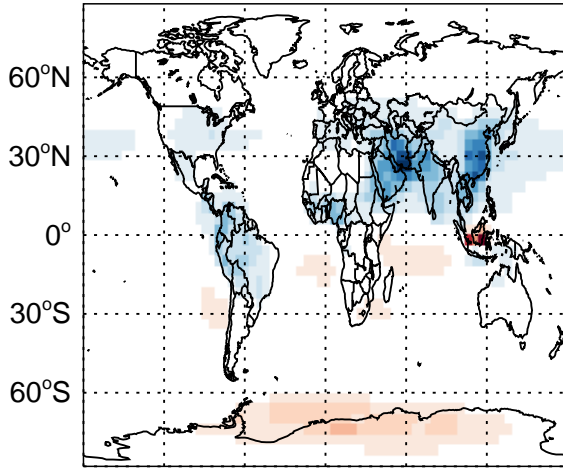


GEOS-Chem J-Values at surface and 500 hPa

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

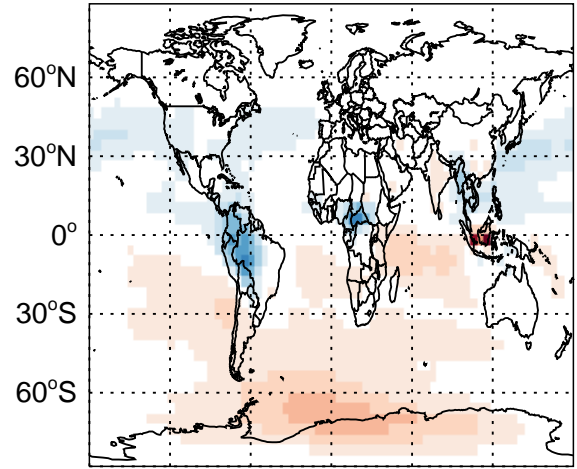
v11-02f-Run0 - v11-02e-Run1

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



180° 120°W 60°W 0° 60°E 120°E 180°

-4.90e-08 -1.63e-08 1.63e-08 4.90e-08



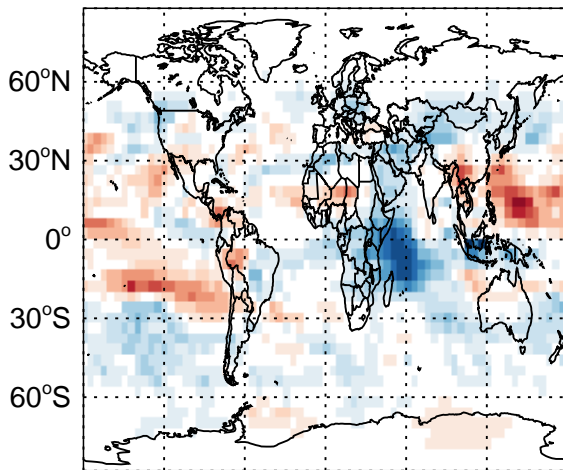
180° 120°W 60°W 0° 60°E 120°E 180°

-5.47e-08 -1.82e-08 1.82e-08 5.47e-08

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

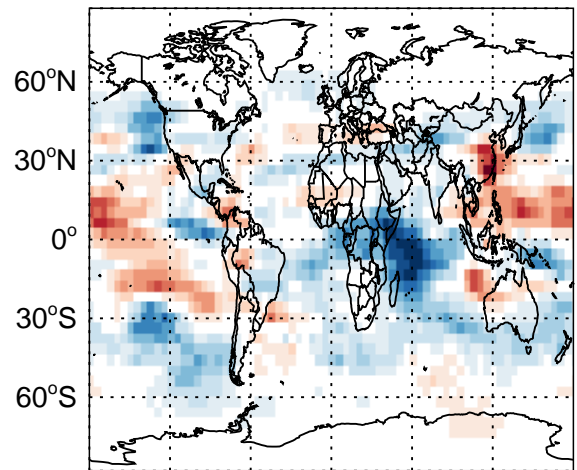
v11-02f-Run0 - v11-02e-Run0

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



180° 120°W 60°W 0° 60°E 120°E 180°

-1.57e-07 -5.25e-08 5.25e-08 1.57e-07



180° 120°W 60°W 0° 60°E 120°E 180°

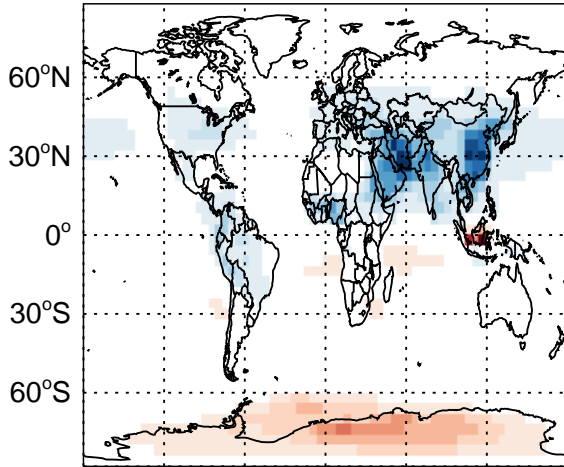
-2.49e-07 -8.29e-08 8.29e-08 2.49e-07

GEOS-Chem J-Values at surface and 500 hPa

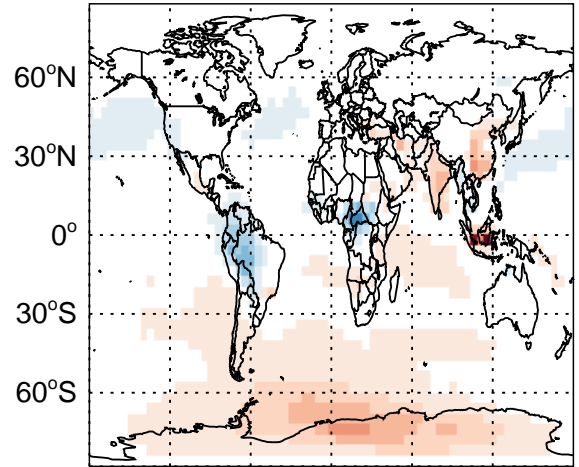
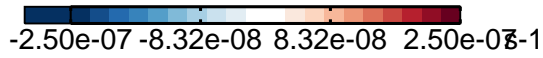
v11-02f-Run0 - v11-02e-Run1

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

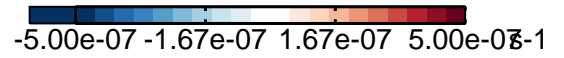
JALD2 - J-Value Diff @ surface for Oct JALD2 - J-Value Diff @ 500 hPa for Oct



180° 120°W 60°W 0° 60°E 120°E 180°



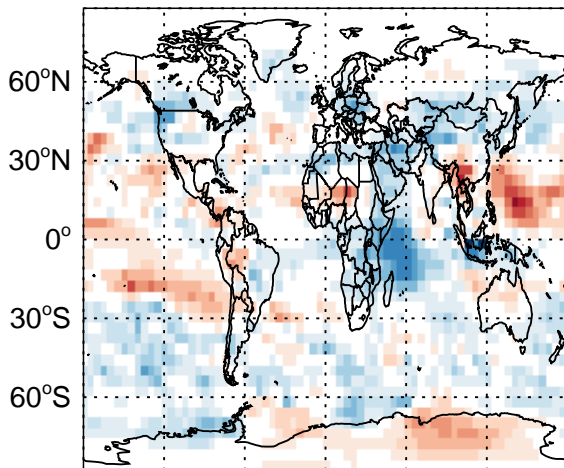
180° 120°W 60°W 0° 60°E 120°E 180°



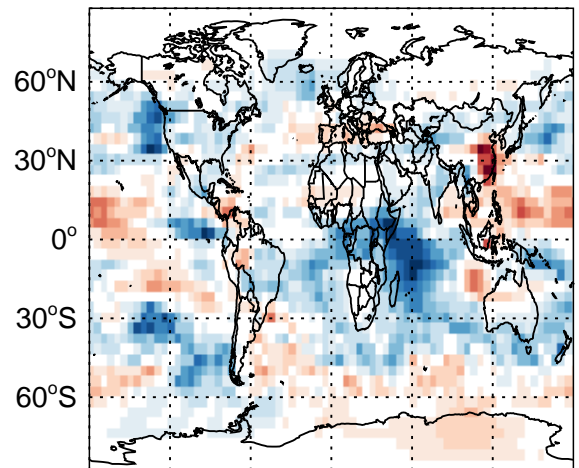
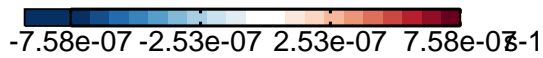
v11-02f-Run0 - v11-02e-Run0

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

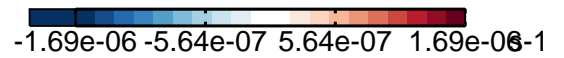
JALD2 - J-Value Diff @ surface for Oct JALD2 - J-Value Diff @ 500 hPa for Oct



180° 120°W 60°W 0° 60°E 120°E 180°



180° 120°W 60°W 0° 60°E 120°E 180°



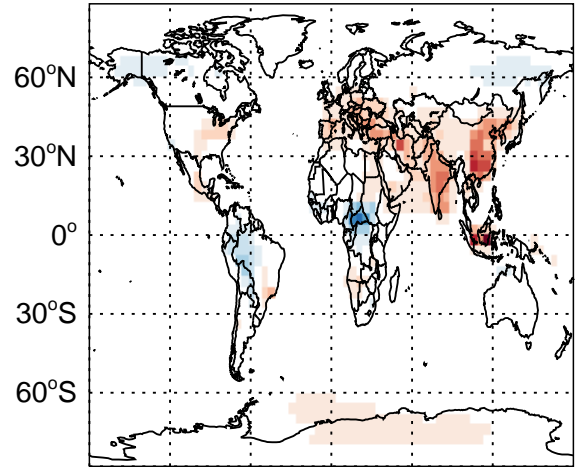
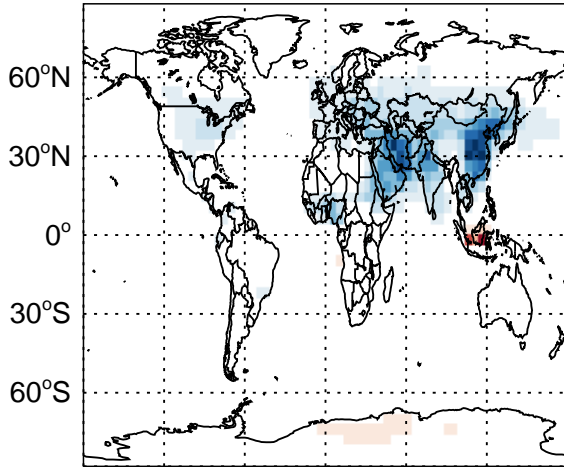
GEOS-Chem J-Values at surface and 500 hPa

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

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

JMVK - J-Value Diff @ surface for Oct

JMVK - J-Value Diff @ 500 hPa for Oct



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

-2.49e-07 -8.31e-08 8.31e-08 2.49e-07

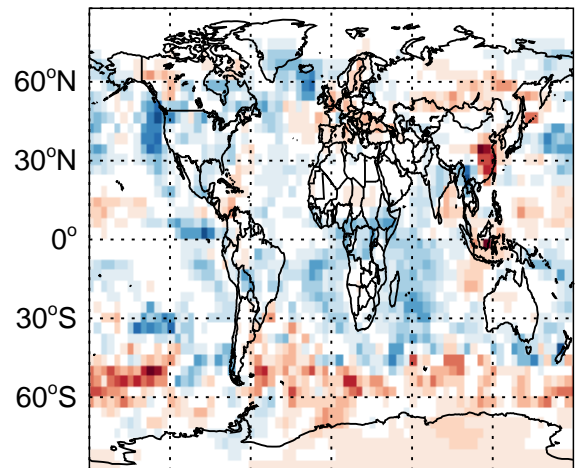
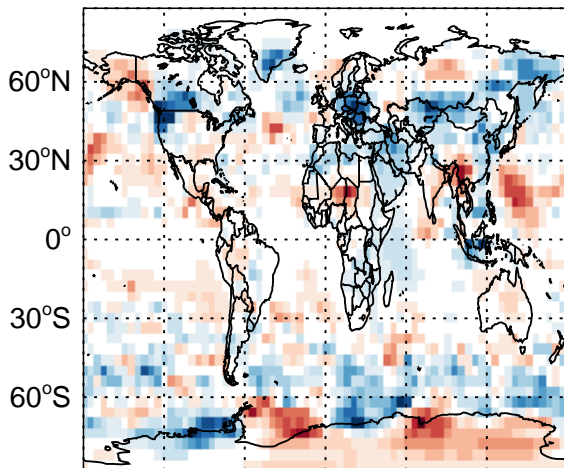
-4.46e-07 -1.49e-07 1.49e-07 4.46e-07

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

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

JMVK - J-Value Diff @ surface for Oct

JMVK - J-Value Diff @ 500 hPa for Oct



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

-5.77e-07 -1.92e-07 1.92e-07 5.77e-07

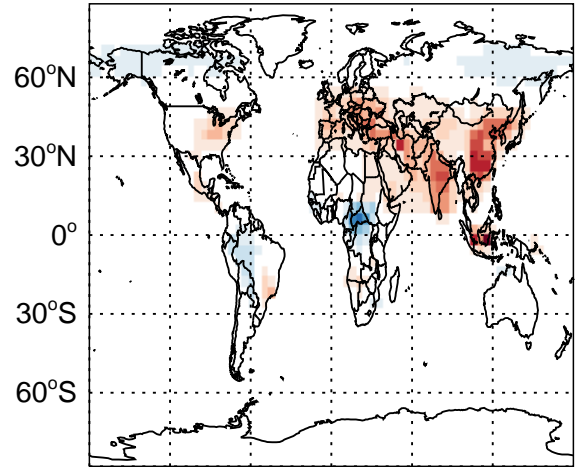
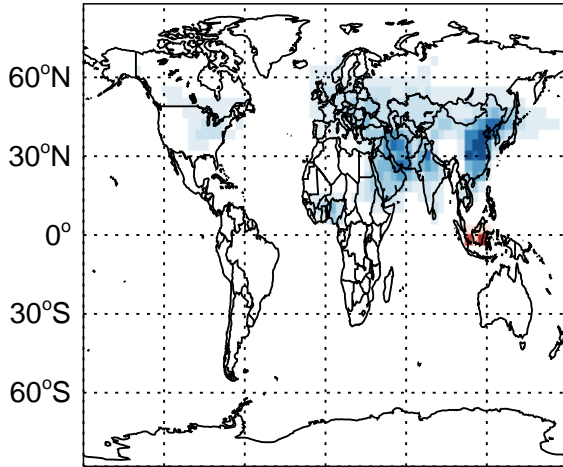
-1.56e-06 -5.21e-07 5.21e-07 1.56e-06

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 Oct JMACR - J-Value Diff @ 500 hPa for Oct



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

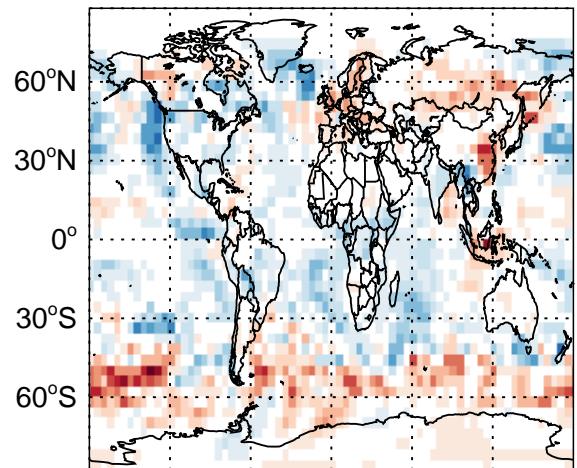
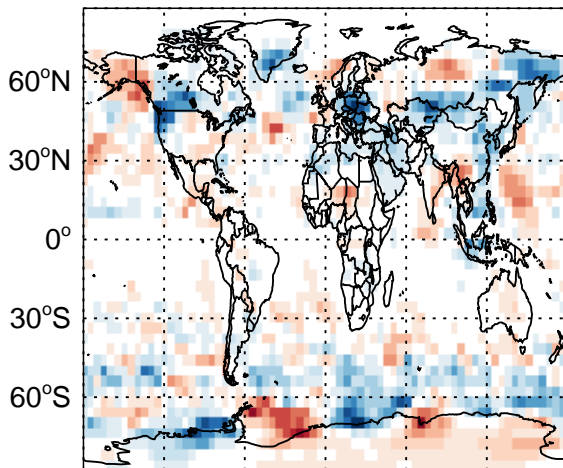
-8.68e-08 -2.89e-08 2.89e-08 8.68e-08

-8.84e-08 -2.95e-08 2.95e-08 8.84e-08

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

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

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



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

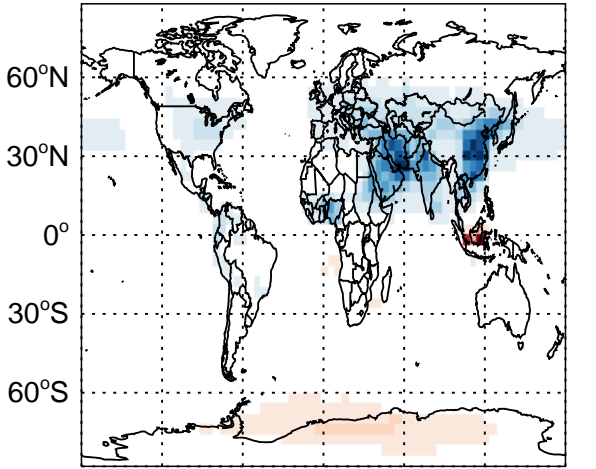
-2.42e-07 -8.07e-08 8.07e-08 2.42e-07

-3.75e-07 -1.25e-07 1.25e-07 3.75e-07

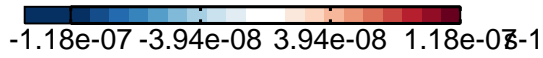
GEOS-Chem J-Values at surface and 500 hPa

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

JHAC - J-Value Diff @ surface for Oct

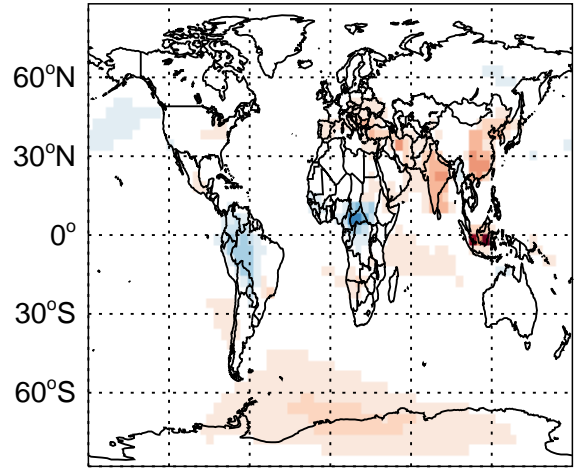


180° 120°W 60°W 0° 60°E 120°E 180°

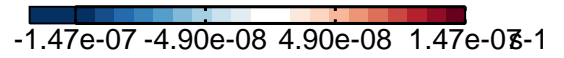


v11-02f-Run0 - v11-02e-Run1

JHAC - J-Value Diff @ 500 hPa for Oct

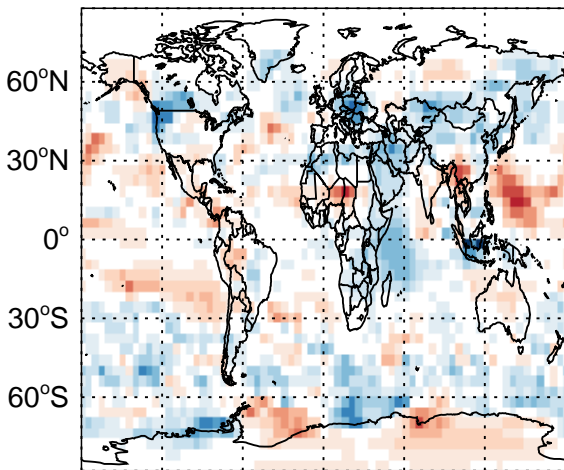


180° 120°W 60°W 0° 60°E 120°E 180°

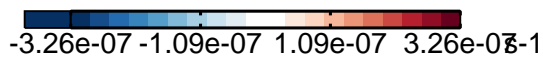


v11-02f-Run0 - v11-02e-Run0

JHAC - J-Value Diff @ surface for Oct

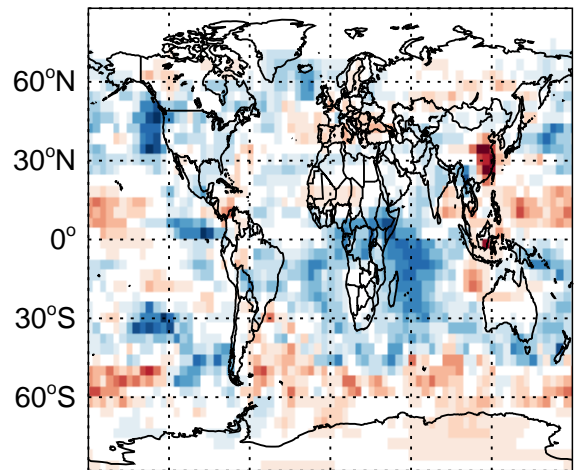


180° 120°W 60°W 0° 60°E 120°E 180°

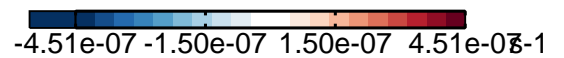


v11-02f-Run0 - v11-02e-Run0

JHAC - J-Value Diff @ 500 hPa for Oct



180° 120°W 60°W 0° 60°E 120°E 180°

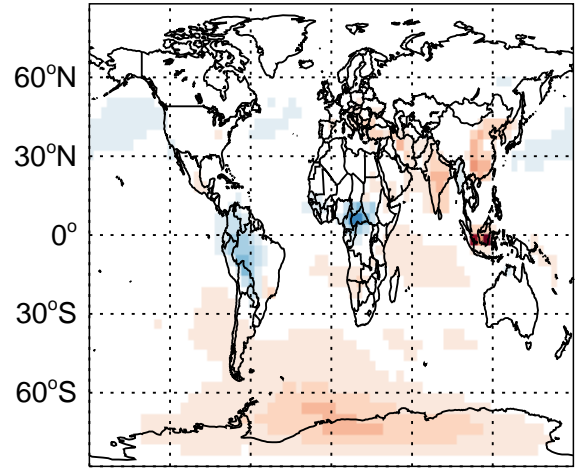
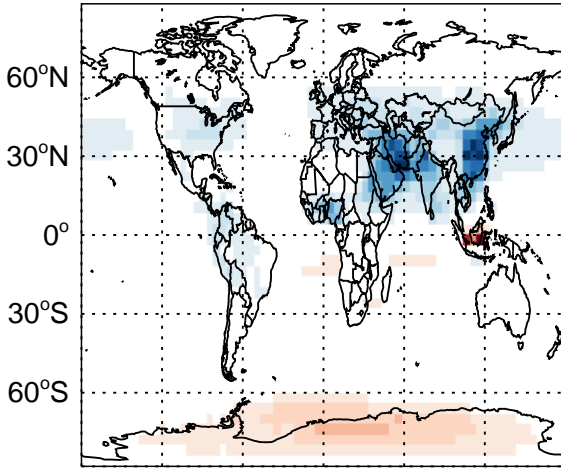


GEOS-Chem J-Values at surface and 500 hPa

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

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

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



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

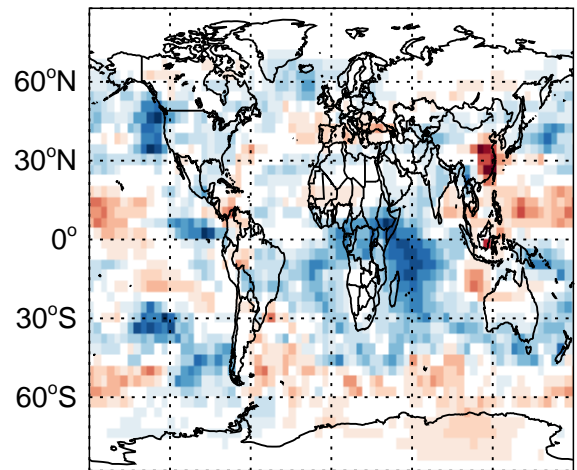
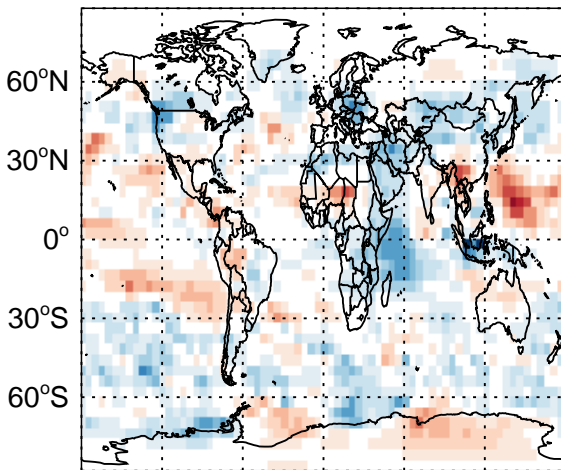
-6.64e-07 -2.21e-07 2.21e-07 6.64e-07

-8.68e-07 -2.89e-07 2.89e-07 8.68e-07

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

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

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



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

-1.99e-06 -6.62e-07 6.62e-07 1.99e-06

-2.82e-06 -9.41e-07 9.41e-07 2.82e-06