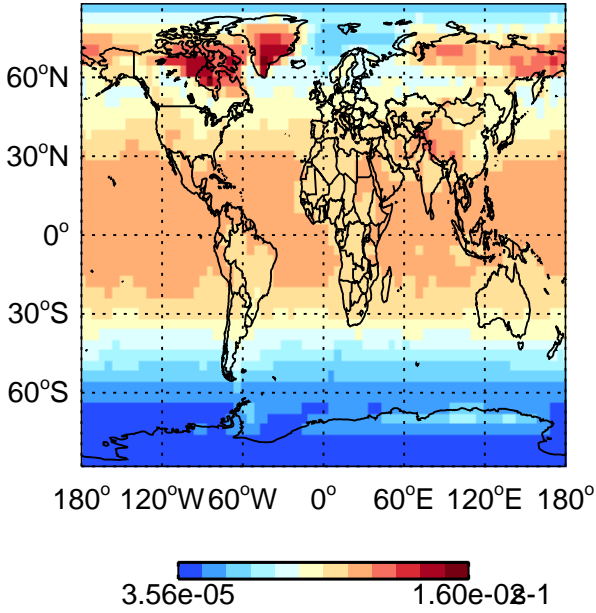
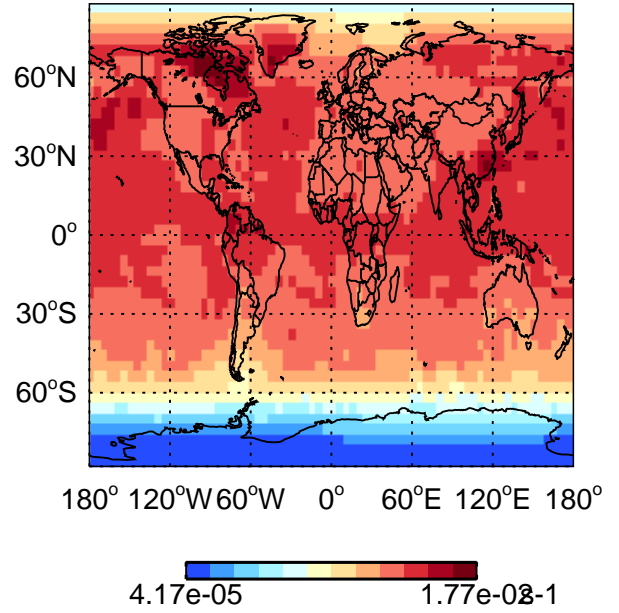


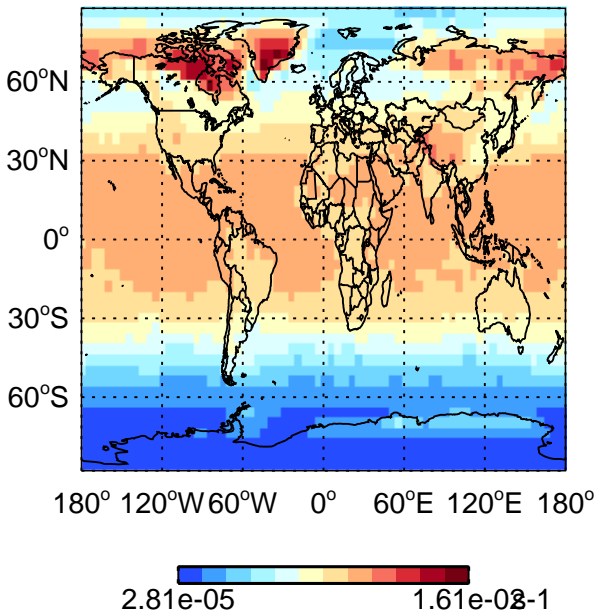
v11-02e-Run0
JNO2 - J-Value @ surface for Apr



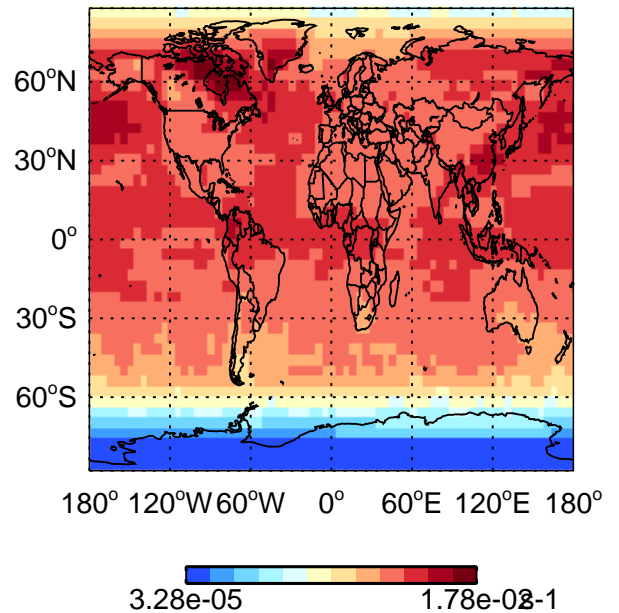
v11-02e-Run0
JNO2 - J-Value @ 500 hPa for Apr



v11-02e-Run1
JNO2 - J-Value @ surface for Apr



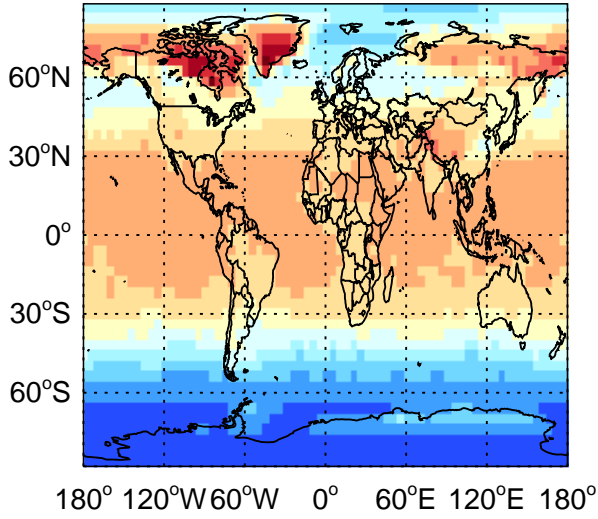
v11-02e-Run1
JNO2 - J-Value @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0

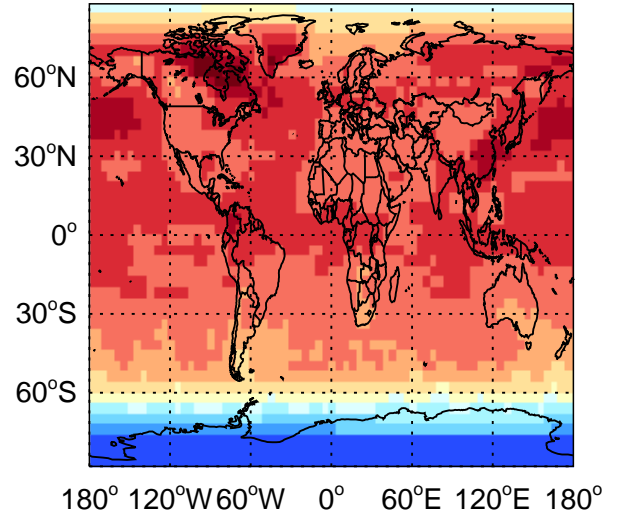
JNO2 - J-Value @ surface for Apr



2.81e-05 1.60e-02-1

v11-02f-Run0

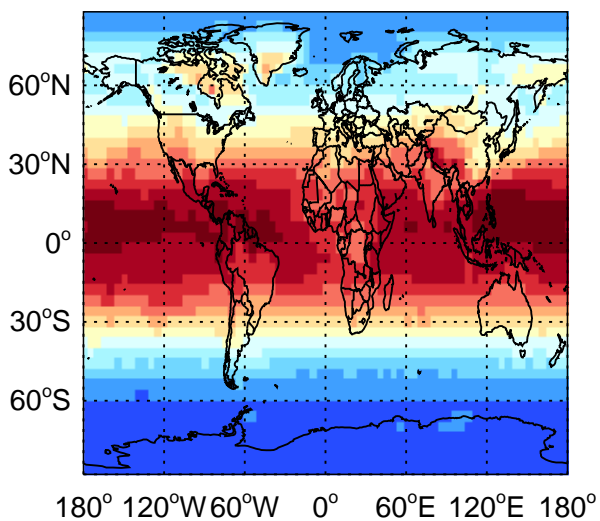
JNO2 - J-Value @ 500 hPa for Apr



3.28e-05 1.78e-02-1

v11-02e-Run0

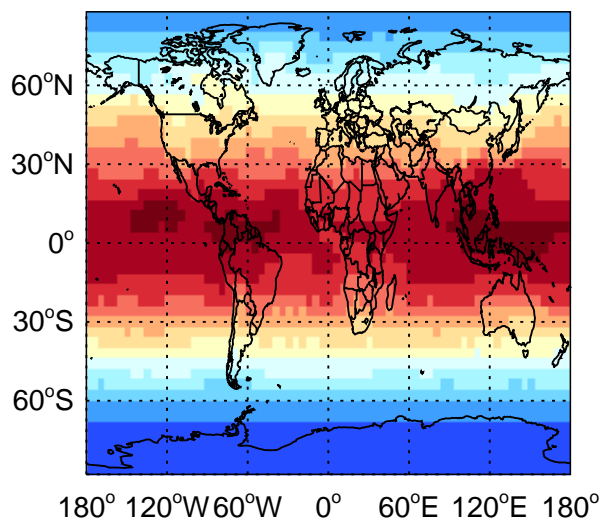
JHNO3 - J-Value @ surface for Apr



5.10e-10 8.94e-08-1

v11-02e-Run0

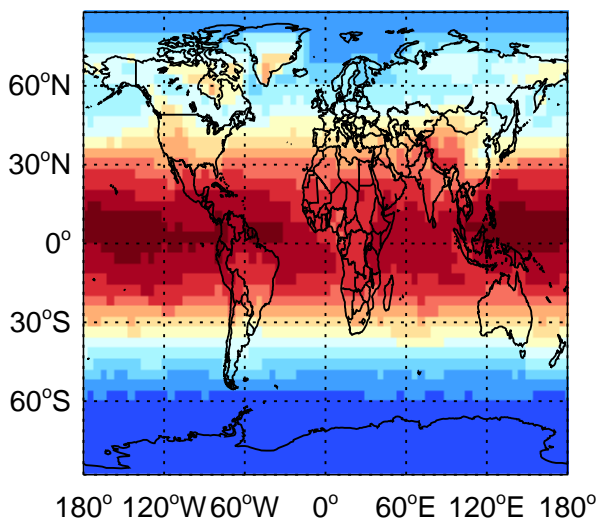
JHNO3 - J-Value @ 500 hPa for Apr



5.87e-10 1.42e-06-1

v11-02e-Run1

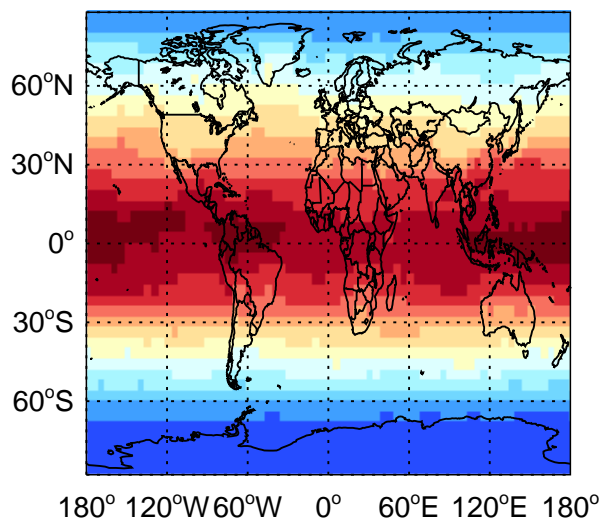
JHNO3 - J-Value @ surface for Apr



3.82e-10 9.16e-08-1

v11-02e-Run1

JHNO3 - J-Value @ 500 hPa for Apr

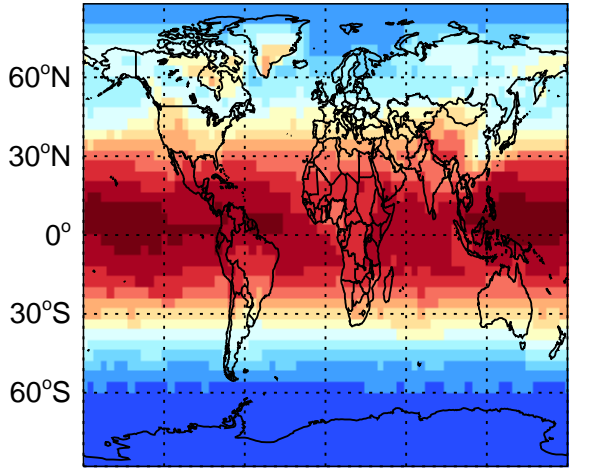


4.40e-10 1.42e-06-1

GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0

JHNO3 - J-Value @ surface for Apr

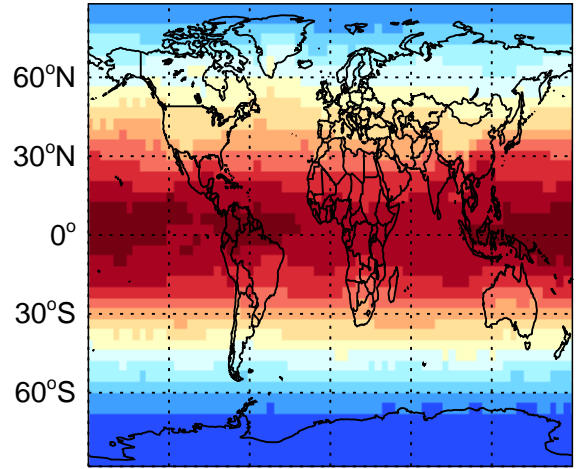


180° 120°W 60°W 0° 60°E 120°E 180°



v11-02f-Run0

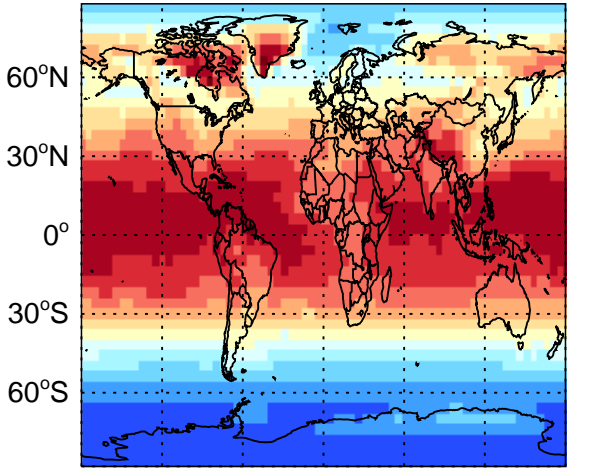
JHNO3 - J-Value @ 500 hPa for Apr



180° 120°W 60°W 0° 60°E 120°E 180°



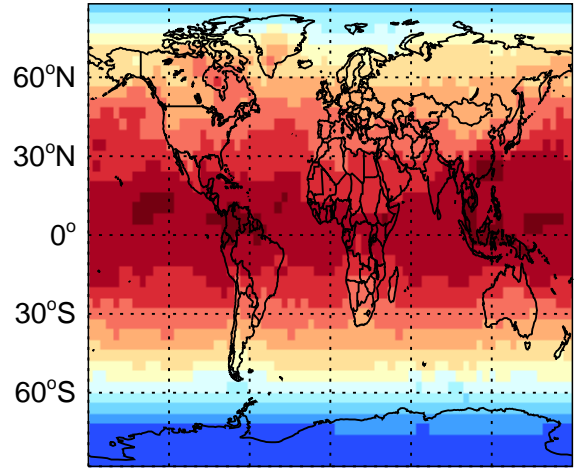
v11-02e-Run0
JH2O2 - J-Value @ surface for Apr



180° 120°W 60°W 0° 60°E 120°E 180°

1.40e-08 9.64e-06-1

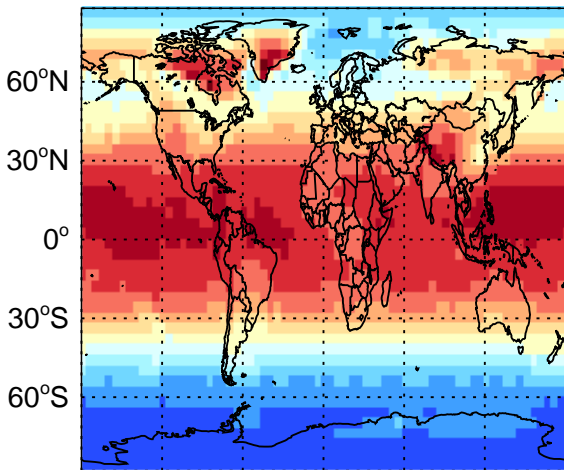
v11-02e-Run0
JH2O2 - J-Value @ 500 hPa for Apr



180° 120°W 60°W 0° 60°E 120°E 180°

1.59e-08 1.45e-05-1

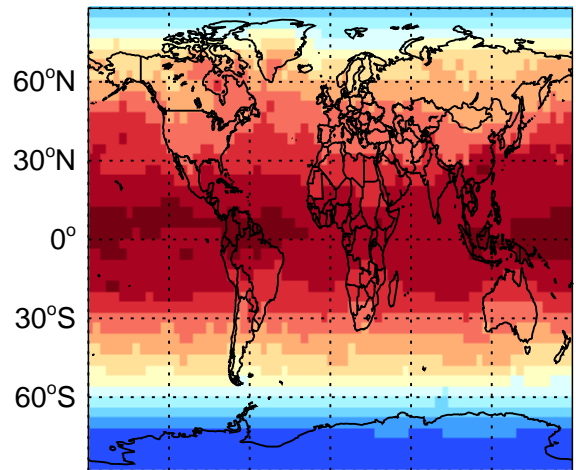
v11-02e-Run1
JH2O2 - J-Value @ surface for Apr



180° 120°W 60°W 0° 60°E 120°E 180°

1.06e-08 9.88e-06-1

v11-02e-Run1
JH2O2 - J-Value @ 500 hPa for Apr



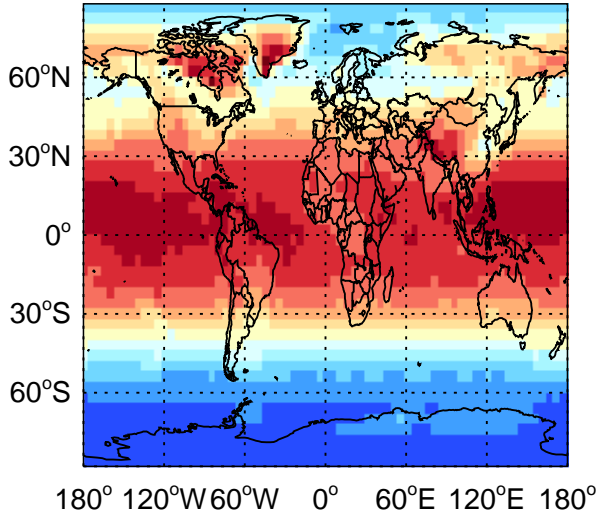
180° 120°W 60°W 0° 60°E 120°E 180°

1.19e-08 1.42e-05-1

GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0

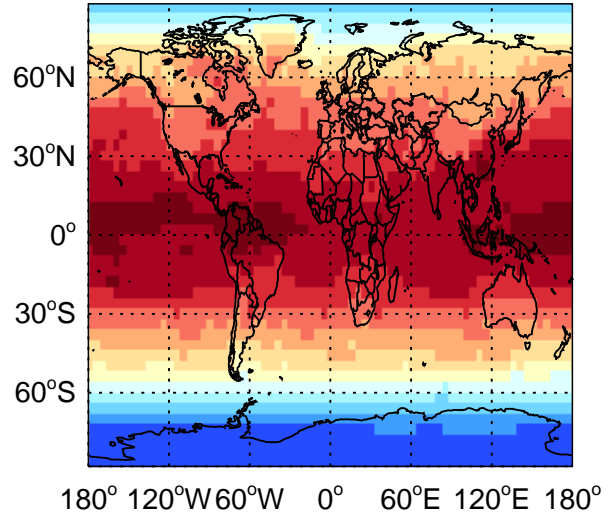
JH2O2 - J-Value @ surface for Apr



1.05e-08 9.83e-06-1

v11-02f-Run0

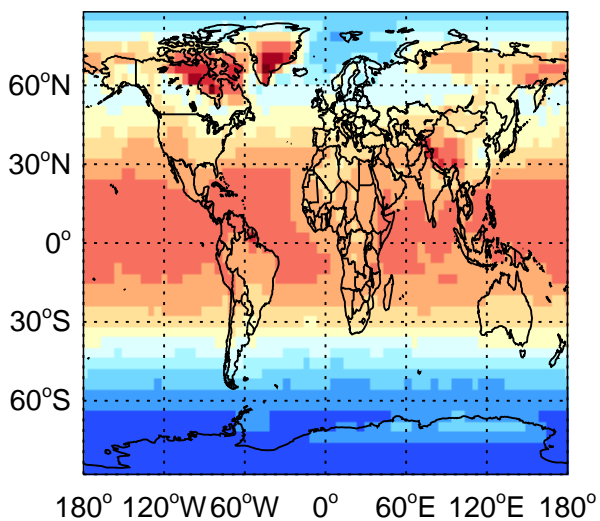
JH2O2 - J-Value @ 500 hPa for Apr



1.19e-08 1.41e-05-1

v11-02e-Run0

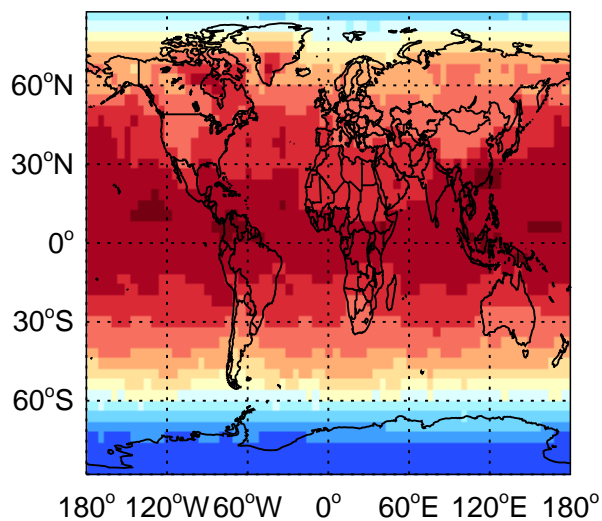
JCH2O - J-Value @ surface for Apr



2.13e-07 1.35e-04-1

v11-02e-Run0

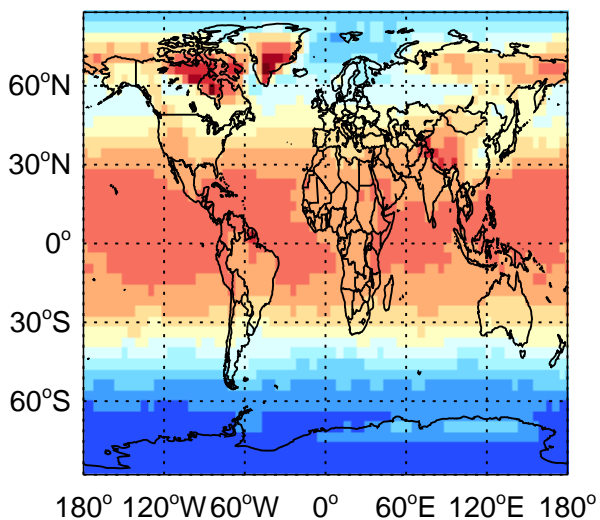
JCH2O - J-Value @ 500 hPa for Apr



2.43e-07 1.76e-04-1

v11-02e-Run1

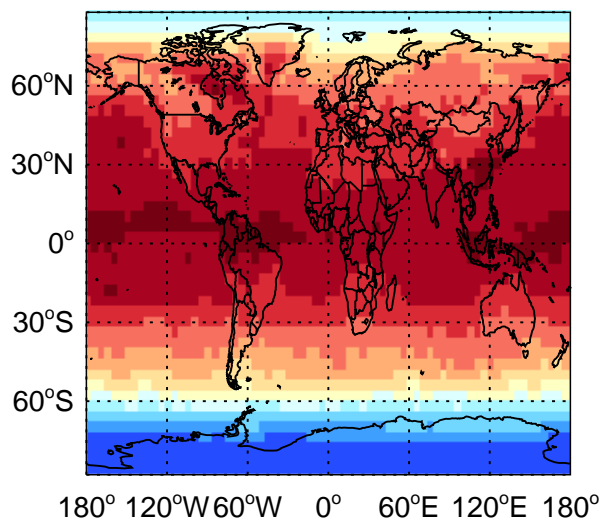
JCH2O - J-Value @ surface for Apr



1.65e-07 1.35e-04-1

v11-02e-Run1

JCH2O - J-Value @ 500 hPa for Apr

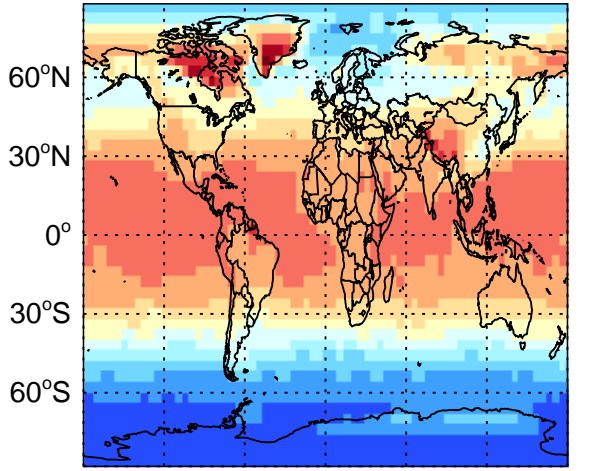


1.87e-07 1.70e-04-1

GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0

JCH2O - J-Value @ surface for Apr

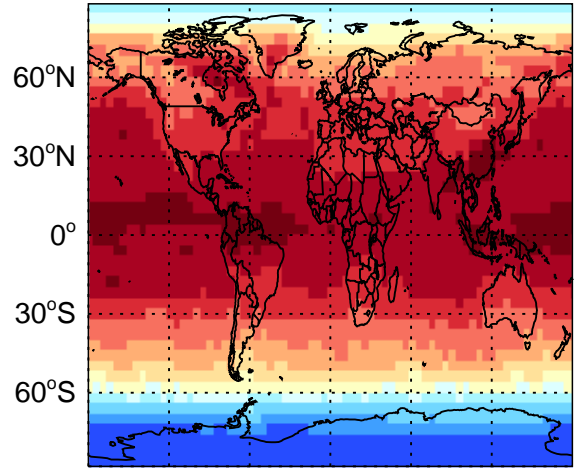


180° 120°W 60°W 0° 60°E 120°E 180°



v11-02f-Run0

JCH2O - J-Value @ 500 hPa for Apr

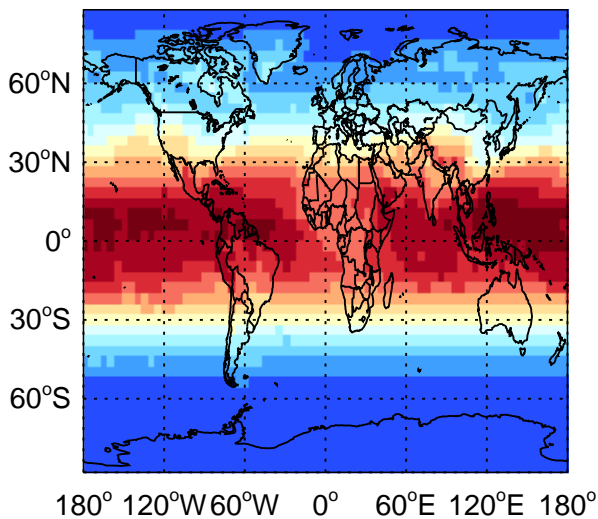


180° 120°W 60°W 0° 60°E 120°E 180°



v11-02e-Run0

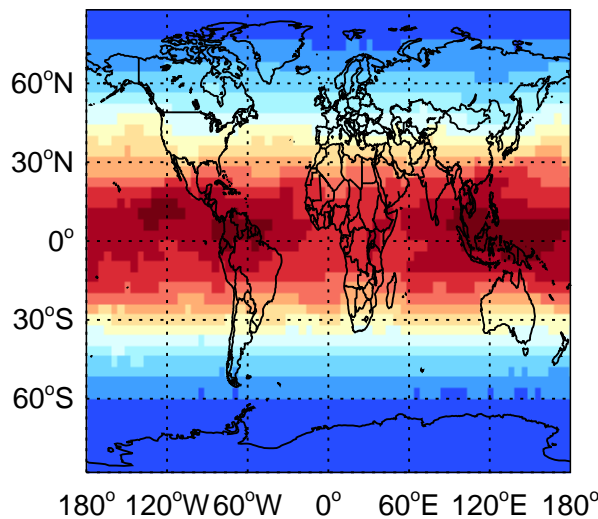
JO3_O1D - J-Value @ surface for Apr



0.00e+00 5.39e-05-1

v11-02e-Run0

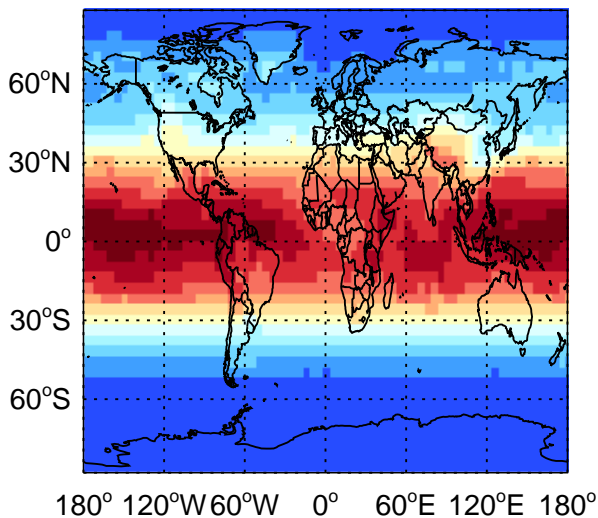
JO3_O1D - J-Value @ 500 hPa for Apr



0.00e+00 8.74e-05-1

v11-02e-Run1

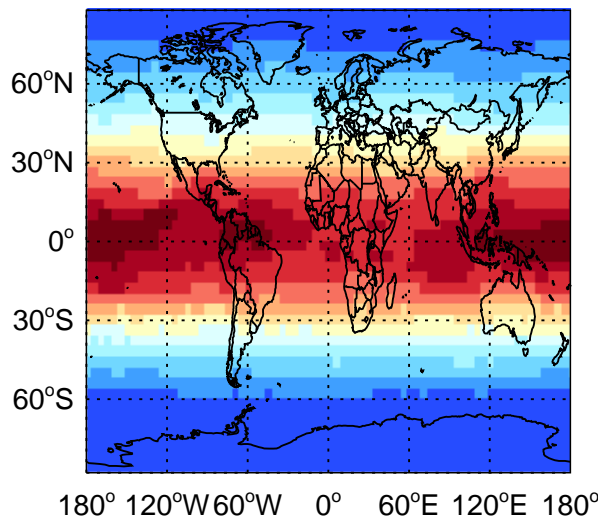
JO3_O1D - J-Value @ surface for Apr



0.00e+00 5.59e-05-1

v11-02e-Run1

JO3_O1D - J-Value @ 500 hPa for Apr



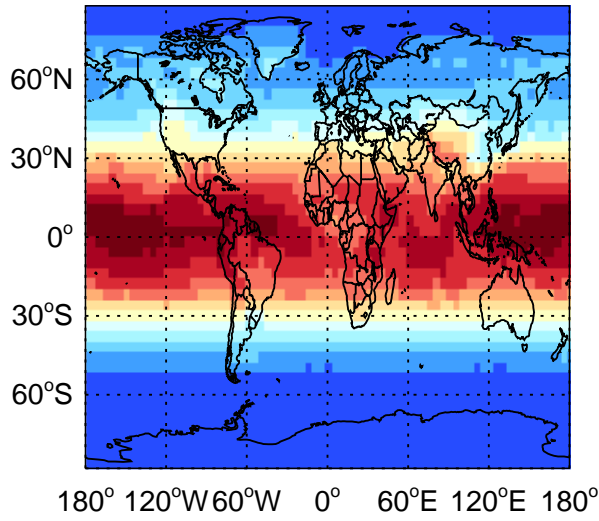
0.00e+00 8.96e-05-1

GEOS-Chem J-Values at surface and 500 hPa

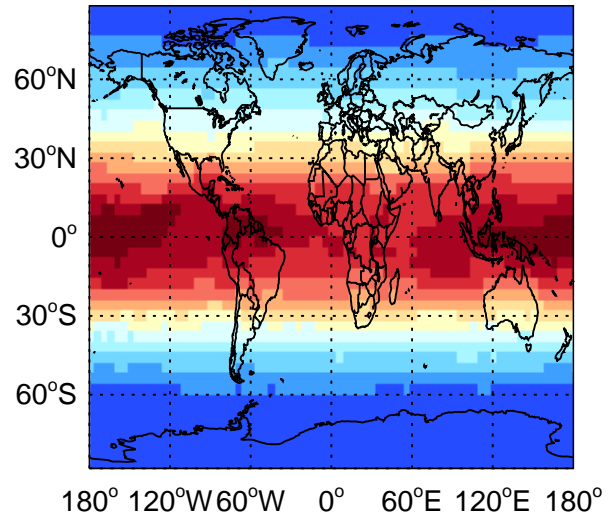
v11-02f-Run0

v11-02f-Run0

JO3_O1D - J-Value @ surface for Apr JO3_O1D - J-Value @ 500 hPa for Apr



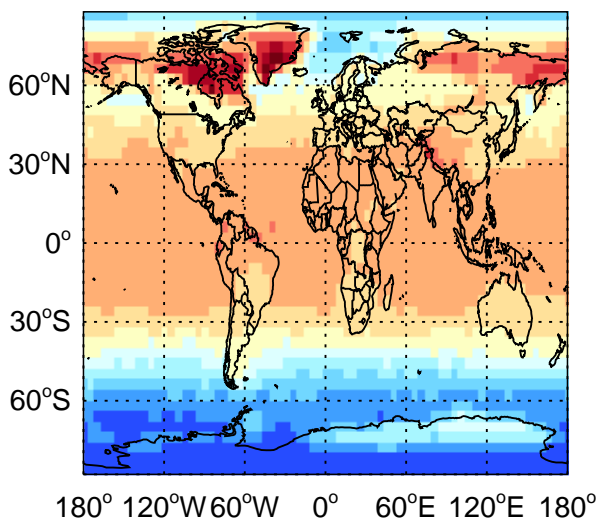
0.00e+00 5.57e-05-1



0.00e+00 8.91e-05-1

v11-02e-Run0

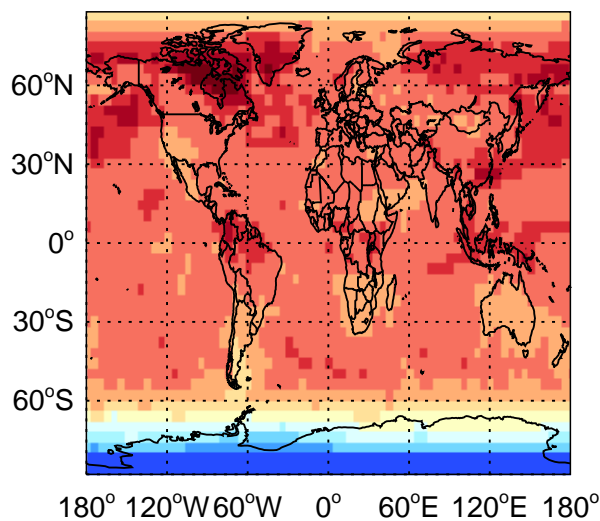
JO3_O3P - J-Value @ surface for Apr



0.00e+00 7.67e-04-1

v11-02e-Run0

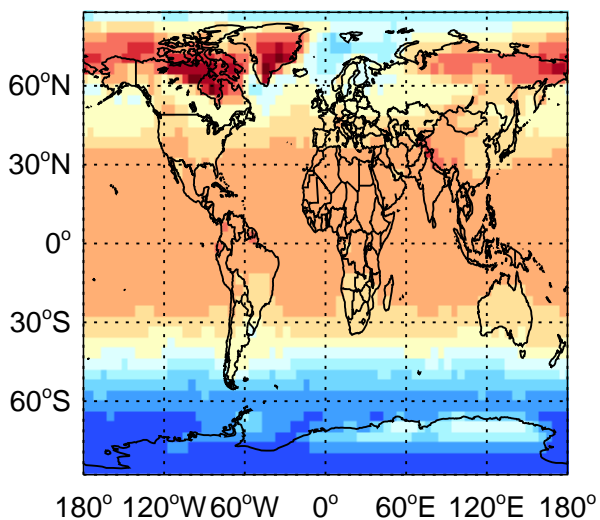
JO3_O3P - J-Value @ 500 hPa for Apr



0.00e+00 8.04e-04-1

v11-02e-Run1

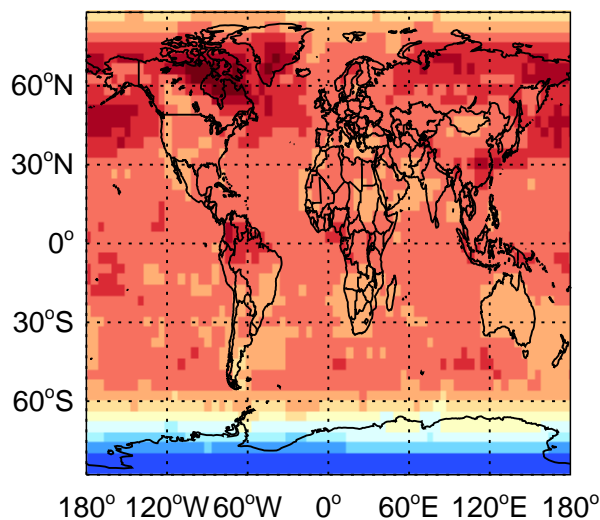
JO3_O3P - J-Value @ surface for Apr



0.00e+00 7.65e-04-1

v11-02e-Run1

JO3_O3P - J-Value @ 500 hPa for Apr

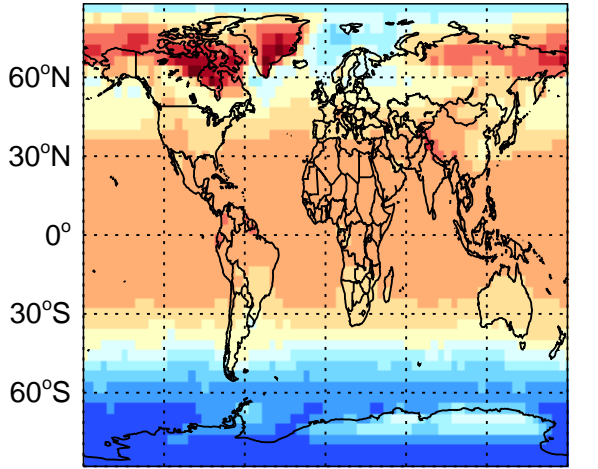


0.00e+00 8.01e-04-1

GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0

JO3_O3P - J-Value @ surface for Apr

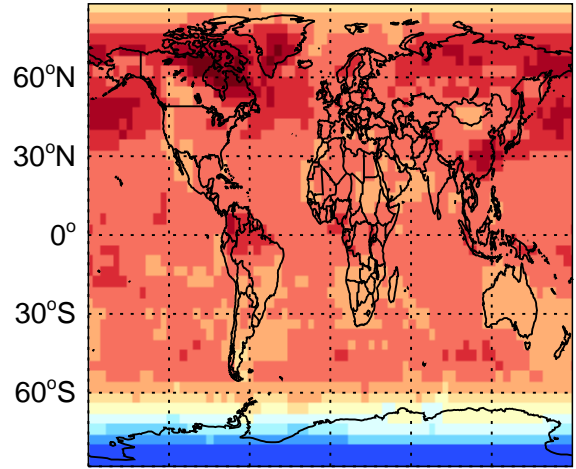


180° 120°W 60°W 0° 60°E 120°E 180°

0.00e+00 7.64e-04-1

v11-02f-Run0

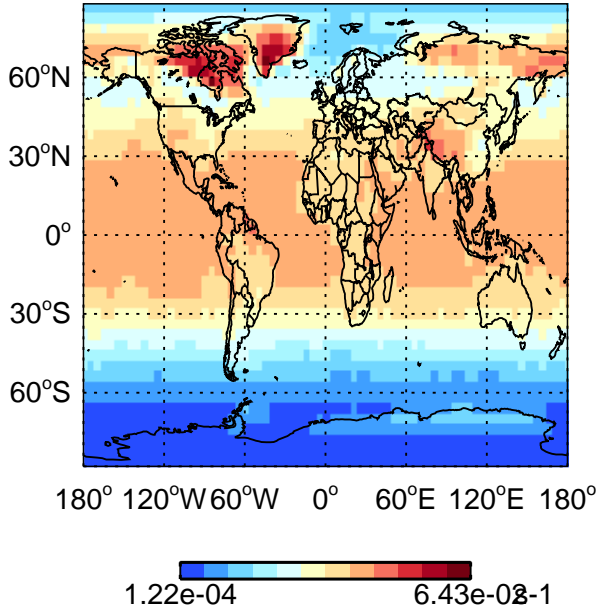
JO3_O3P - J-Value @ 500 hPa for Apr



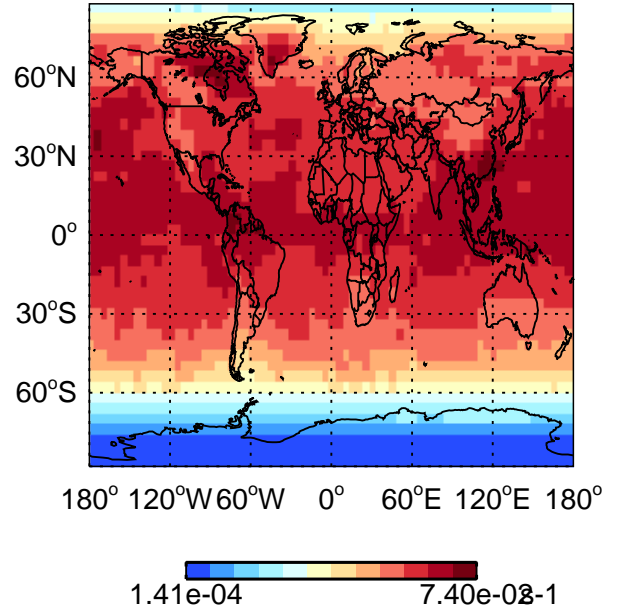
180° 120°W 60°W 0° 60°E 120°E 180°

0.00e+00 8.02e-04-1

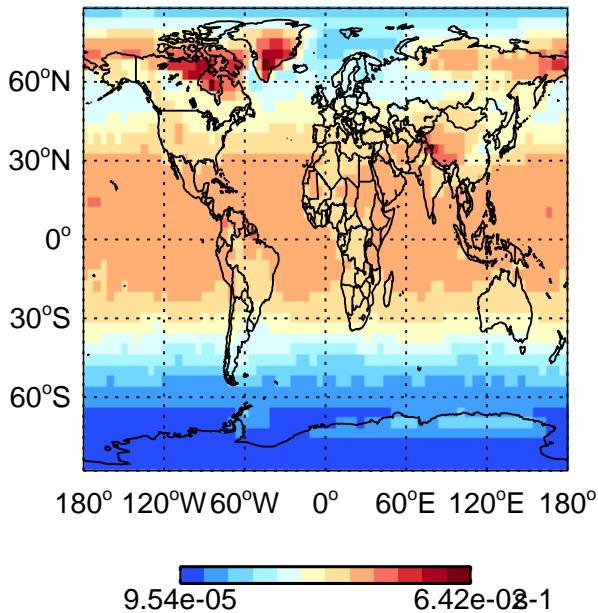
v11-02e-Run0
JBrO - J-Value @ surface for Apr



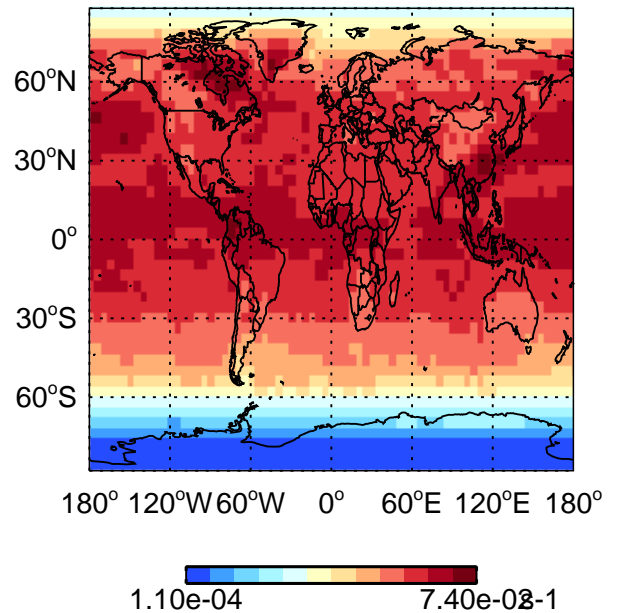
v11-02e-Run0
JBrO - J-Value @ 500 hPa for Apr



v11-02e-Run1
JBrO - J-Value @ surface for Apr



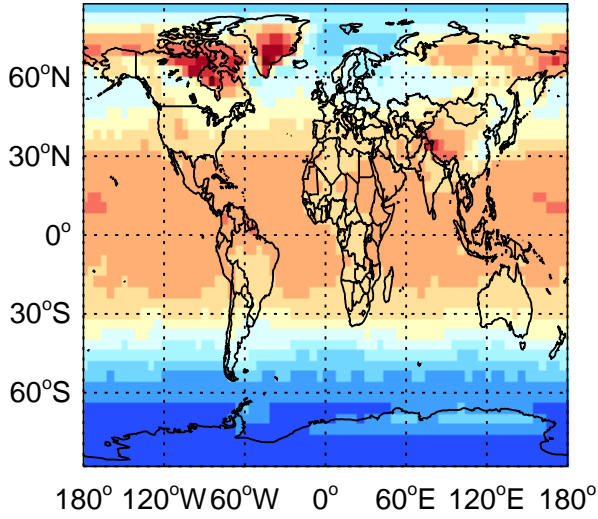
v11-02e-Run1
JBrO - J-Value @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

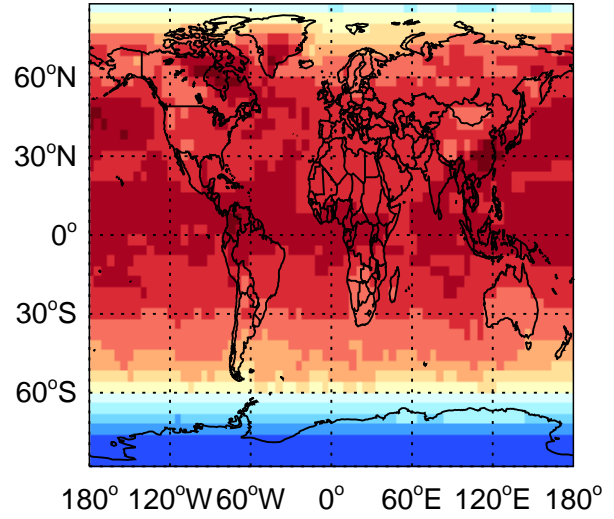
v11-02f-Run0

JBrO - J-Value @ surface for Apr



v11-02f-Run0

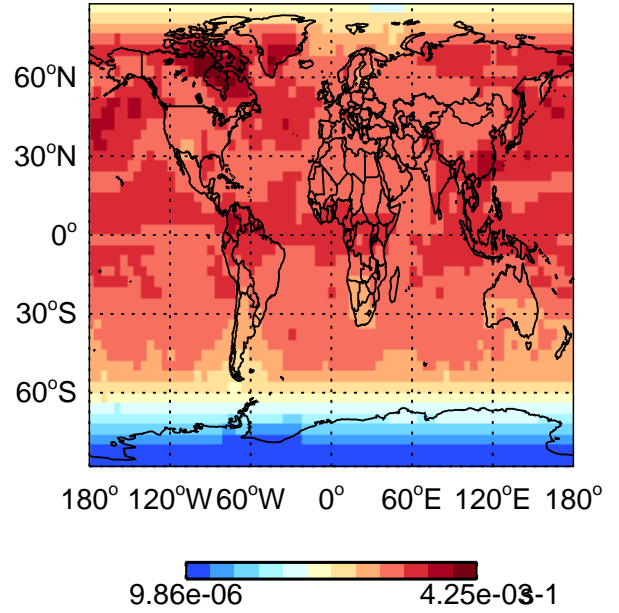
JBrO - J-Value @ 500 hPa for Apr



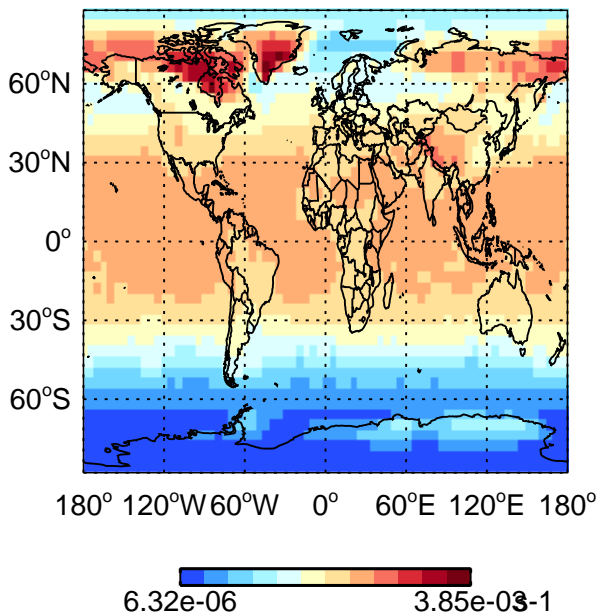
v11-02e-Run0
JHOBr - J-Value @ surface for Apr



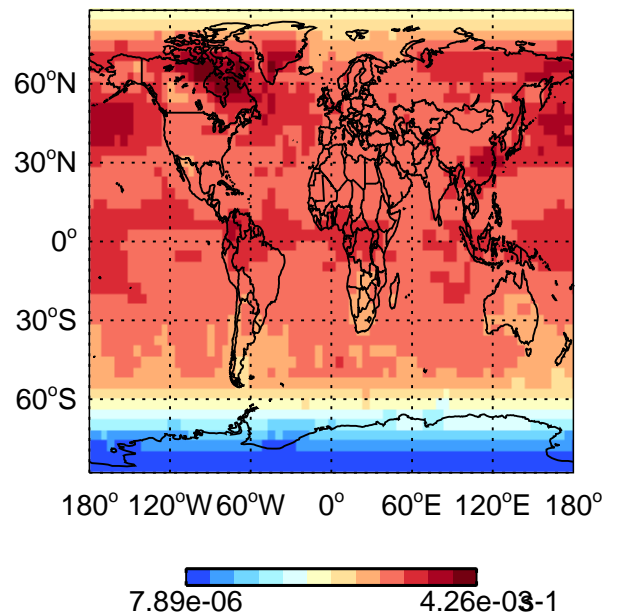
v11-02e-Run0
JHOBr - J-Value @ 500 hPa for Apr



v11-02e-Run1
JHOBr - J-Value @ surface for Apr



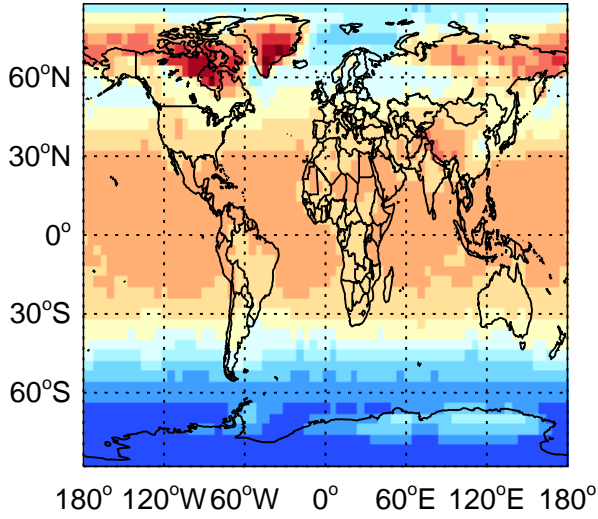
v11-02e-Run1
JHOBr - J-Value @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0

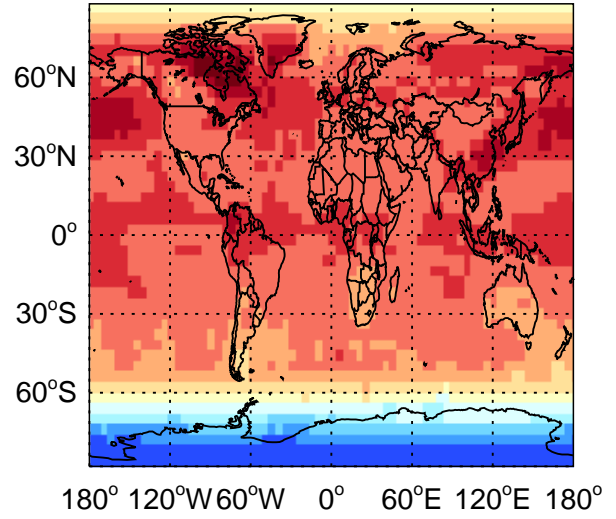
JHOBr - J-Value @ surface for Apr



6.31e-06 3.84e-03-1

v11-02f-Run0

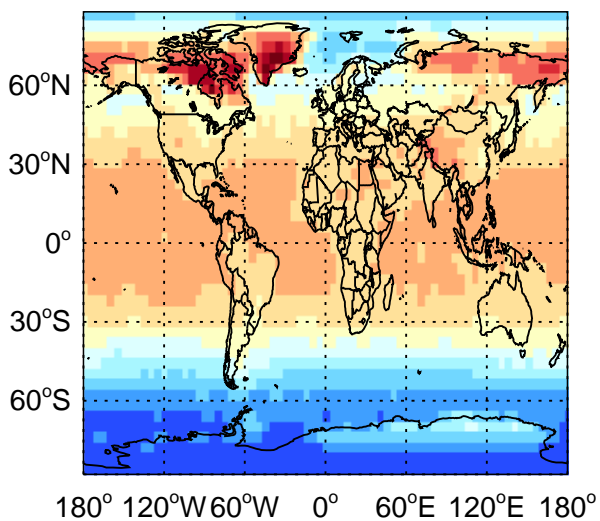
JHOBr - J-Value @ 500 hPa for Apr



7.87e-06 4.25e-03-1

v11-02e-Run0

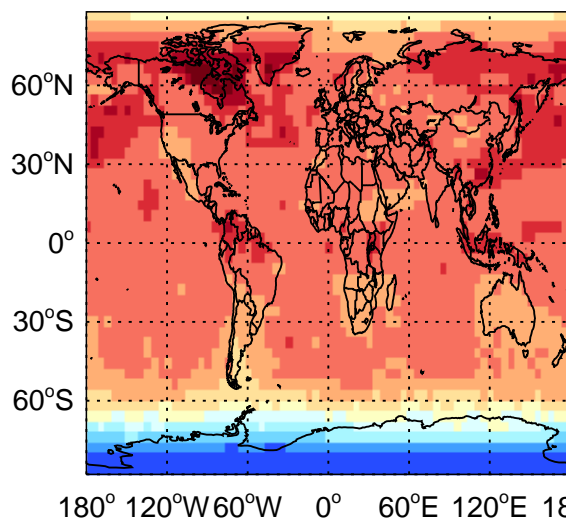
JBrNO₂ - J-Value @ surface for Apr



2.26e-05 1.15e-02-1

v11-02e-Run0

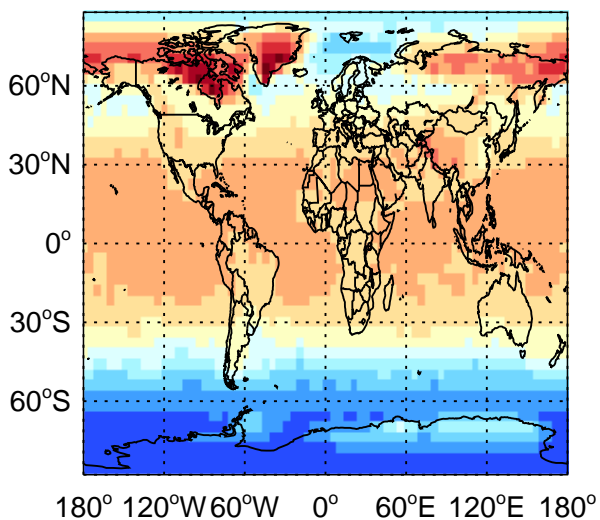
JBrNO₂ - J-Value @ 500 hPa for Apr



3.01e-05 1.24e-02-1

v11-02e-Run1

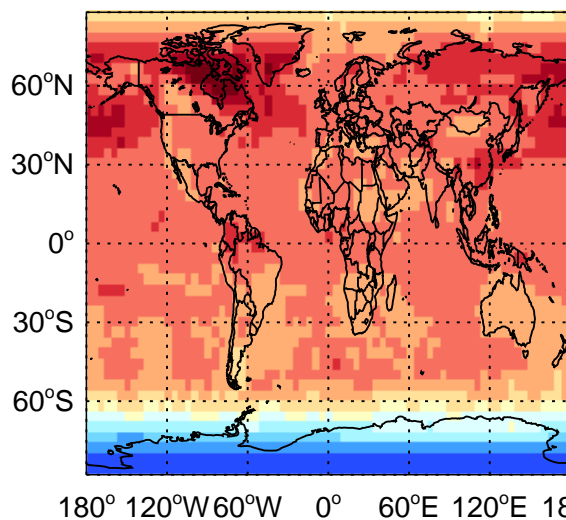
JBrNO₂ - J-Value @ surface for Apr



1.89e-05 1.14e-02-1

v11-02e-Run1

JBrNO₂ - J-Value @ 500 hPa for Apr

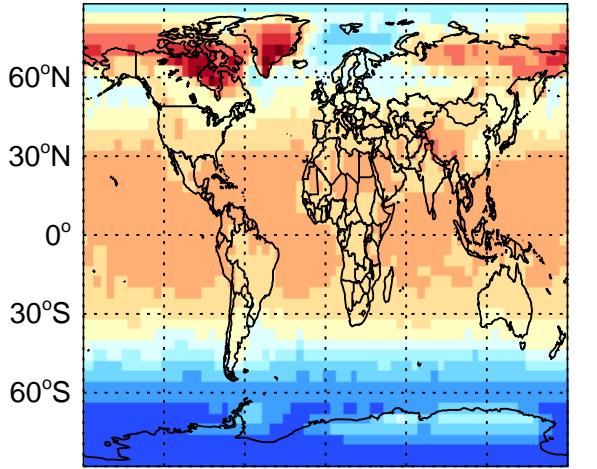


2.47e-05 1.24e-02-1

GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0

JBrNO₂ - J-Value @ surface for Apr

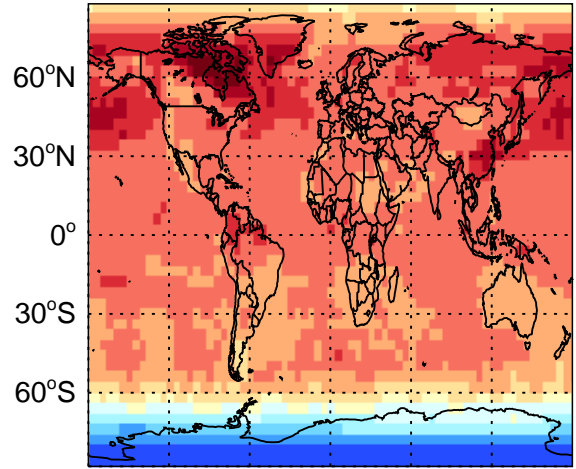


180° 120°W 60°W 0° 60°E 120°E 180°



v11-02f-Run0

JBrNO₂ - J-Value @ 500 hPa for Apr

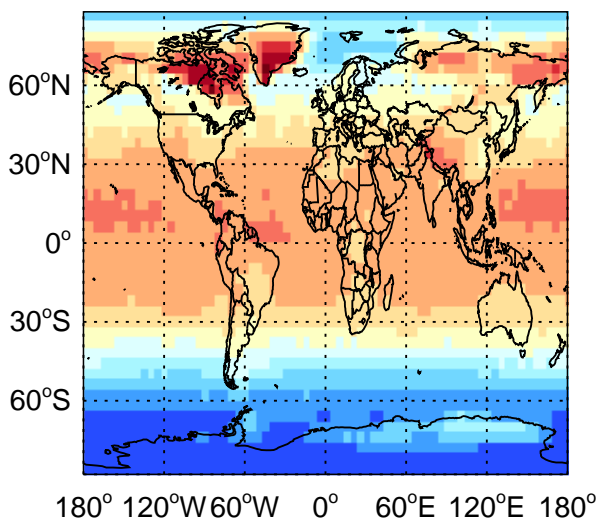


180° 120°W 60°W 0° 60°E 120°E 180°



v11-02e-Run0

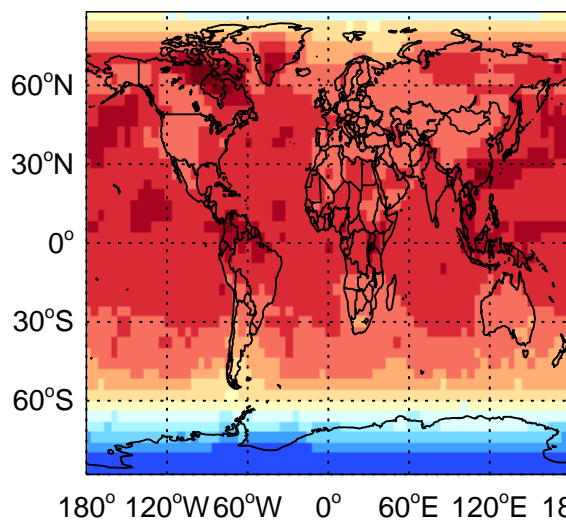
JBrNO3 - J-Value @ surface for Apr



4.46e-06 2.29e-03-1

v11-02e-Run0

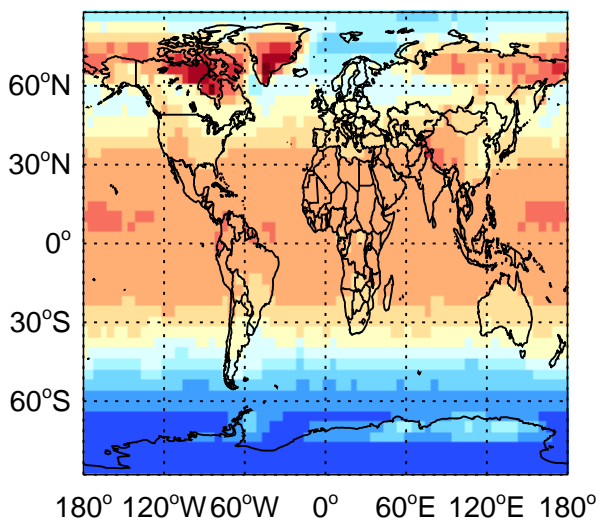
JBrNO3 - J-Value @ 500 hPa for Apr



5.57e-06 2.52e-03-1

v11-02e-Run1

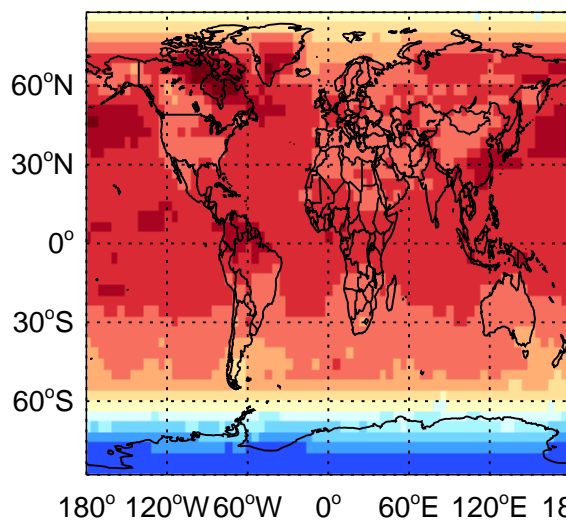
JBrNO3 - J-Value @ surface for Apr



3.58e-06 2.31e-03-1

v11-02e-Run1

JBrNO3 - J-Value @ 500 hPa for Apr

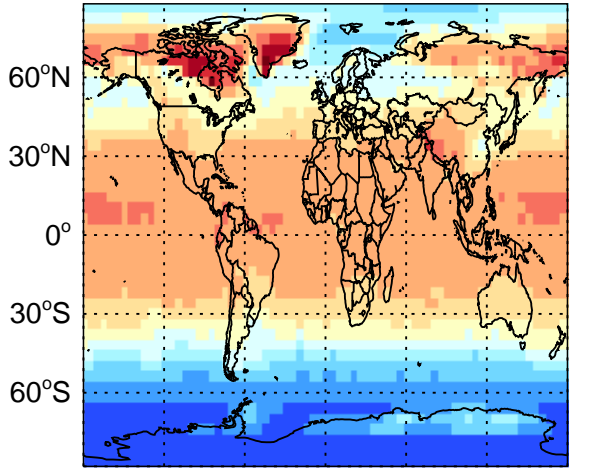


4.41e-06 2.52e-03-1

GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0

JBrNO3 - J-Value @ surface for Apr

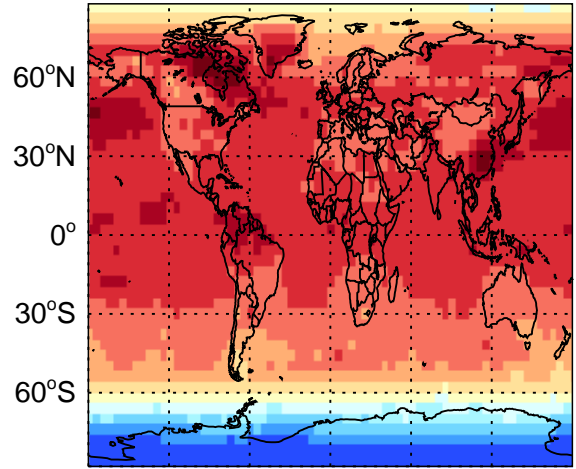


180° 120°W 60°W 0° 60°E 120°E 180°



v11-02f-Run0

JBrNO3 - J-Value @ 500 hPa for Apr

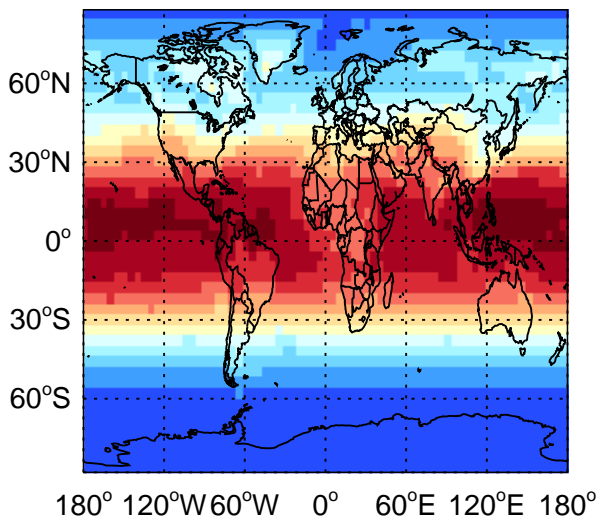


180° 120°W 60°W 0° 60°E 120°E 180°



v11-02e-Run0

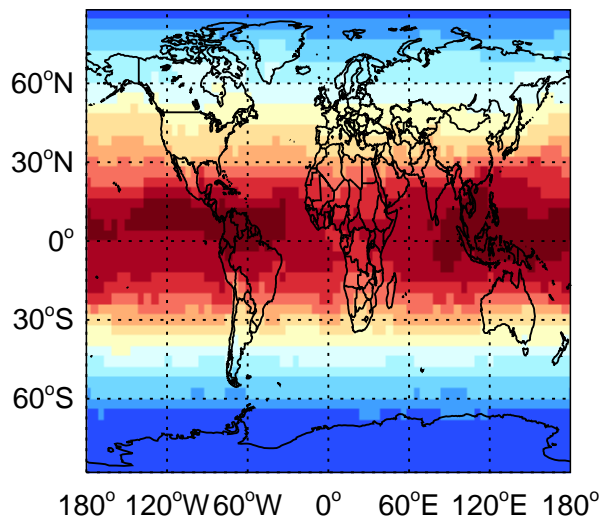
JCHBr3 - J-Value @ surface for Apr



8.37e-10 1.78e-06-1

v11-02e-Run0

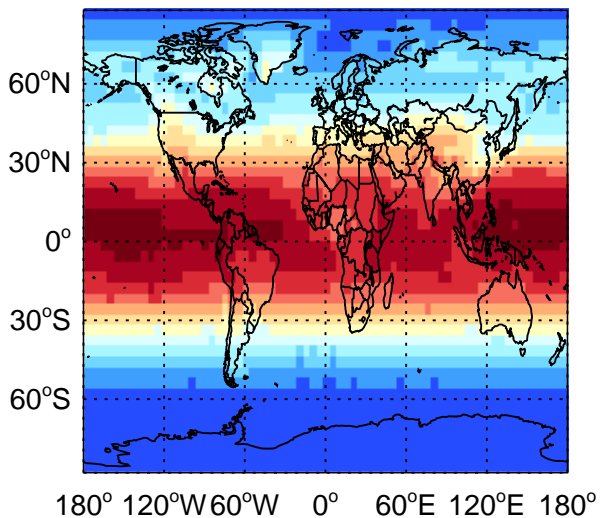
JCHBr3 - J-Value @ 500 hPa for Apr



9.39e-10 2.25e-06-1

v11-02e-Run1

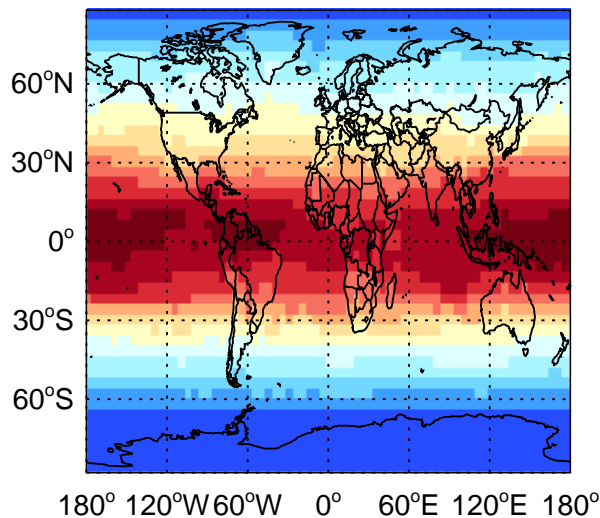
JCHBr3 - J-Value @ surface for Apr



6.38e-10 1.82e-06-1

v11-02e-Run1

JCHBr3 - J-Value @ 500 hPa for Apr

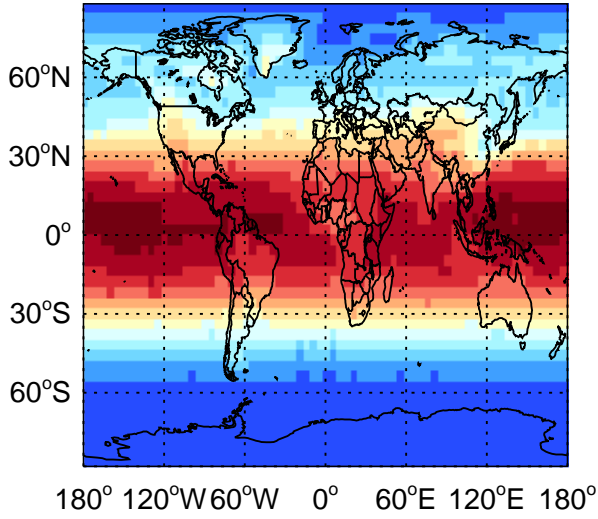


7.07e-10 2.35e-06-1

GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0

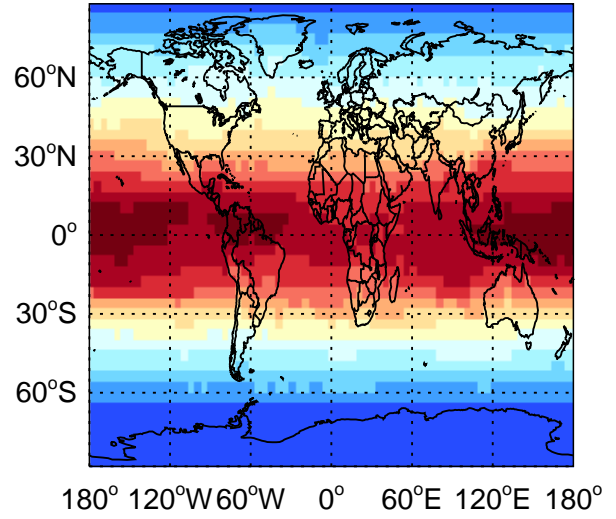
JCHBr3 - J-Value @ surface for Apr



6.37e-10 1.82e-06-1

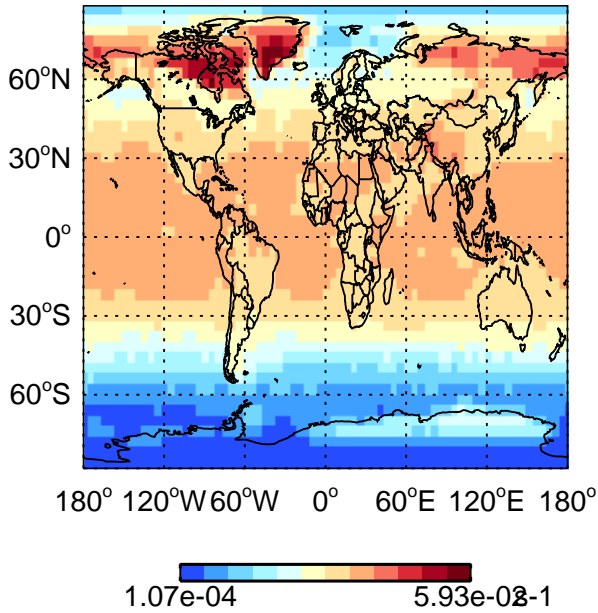
v11-02f-Run0

JCHBr3 - J-Value @ 500 hPa for Apr

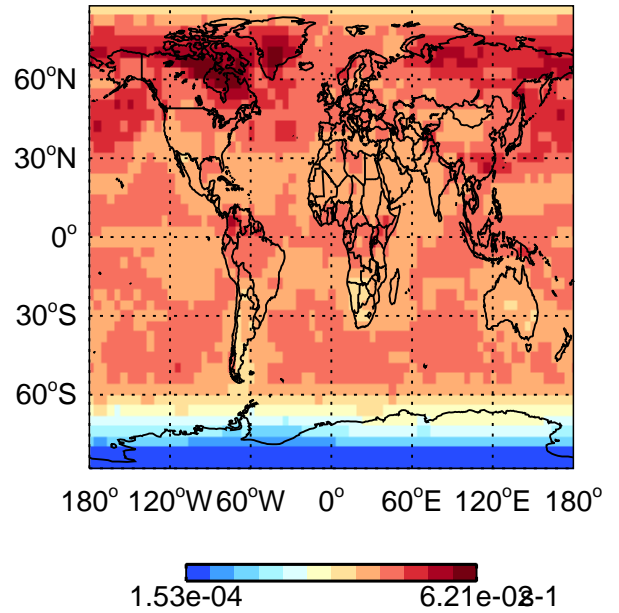


7.05e-10 2.34e-06-1

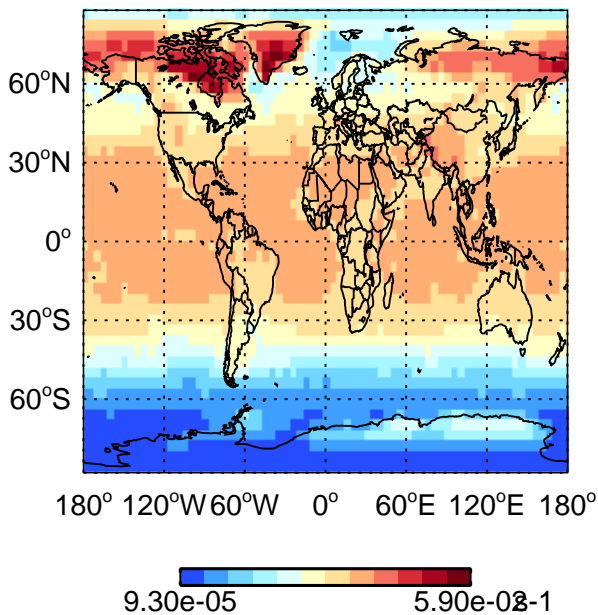
v11-02e-Run0
JBr2 - J-Value @ surface for Apr



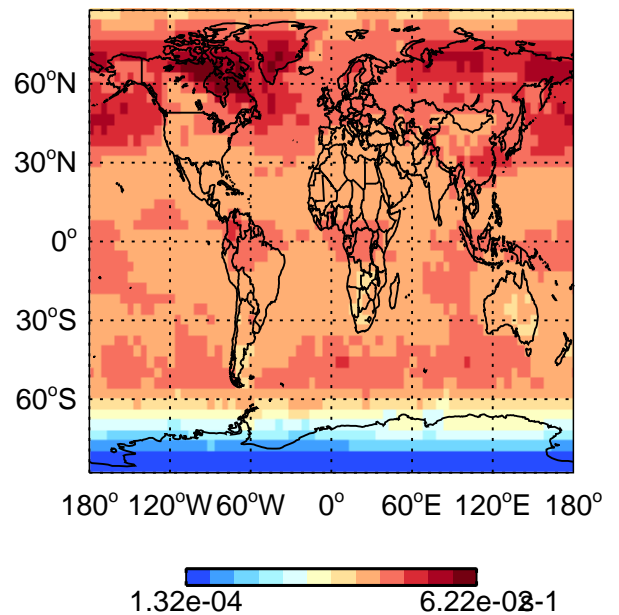
v11-02e-Run0
JBr2 - J-Value @ 500 hPa for Apr



v11-02e-Run1
JBr2 - J-Value @ surface for Apr



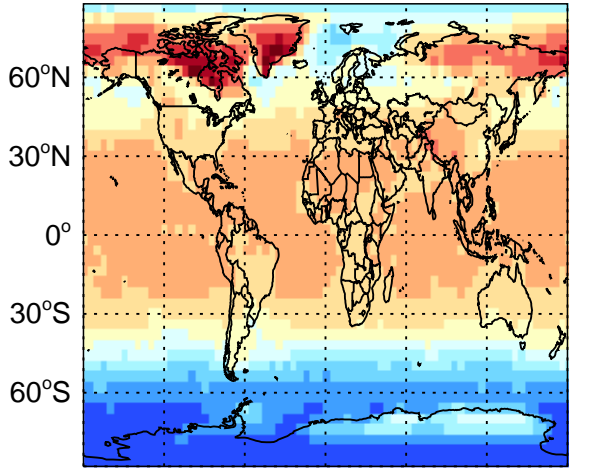
v11-02e-Run1
JBr2 - J-Value @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0

JBr2 - J-Value @ surface for Apr

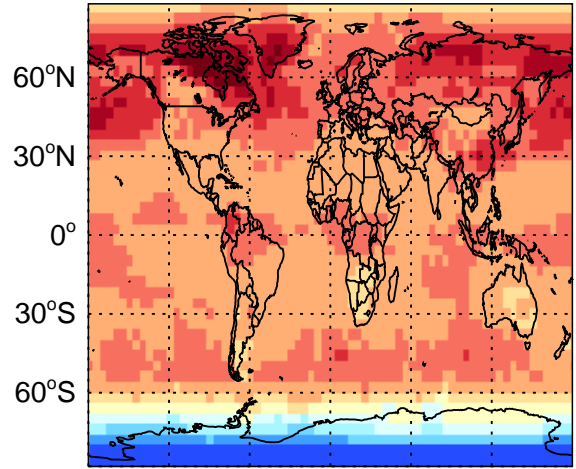


180° 120°W 60°W 0° 60°E 120°E 180°

9.28e-05 5.90e-02-1

v11-02f-Run0

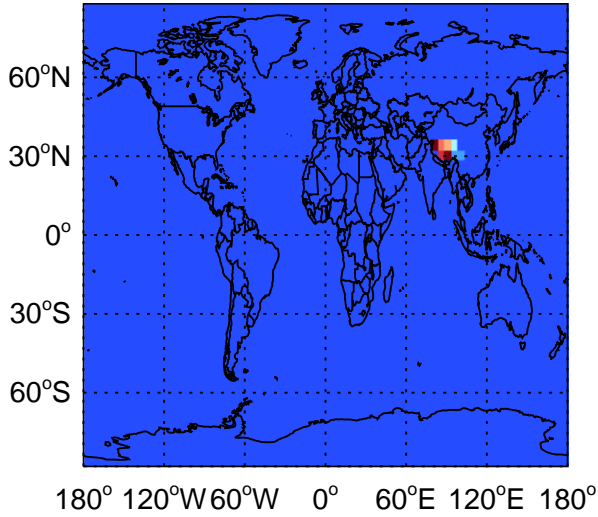
JBr2 - J-Value @ 500 hPa for Apr



180° 120°W 60°W 0° 60°E 120°E 180°

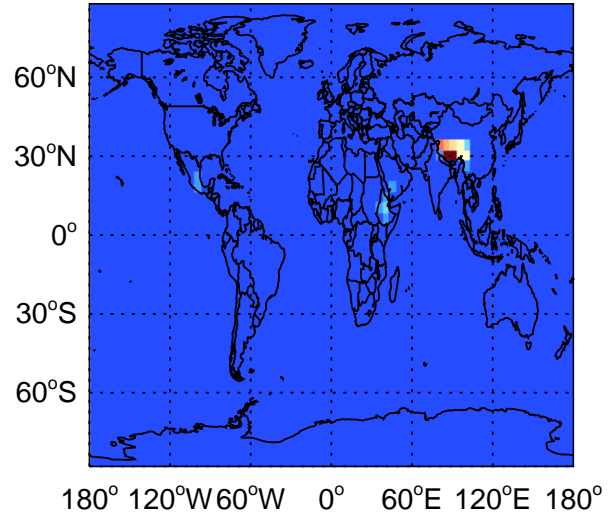
1.31e-04 6.22e-02-1

v11-02e-Run0
JO2 - J-Value @ surface for Apr



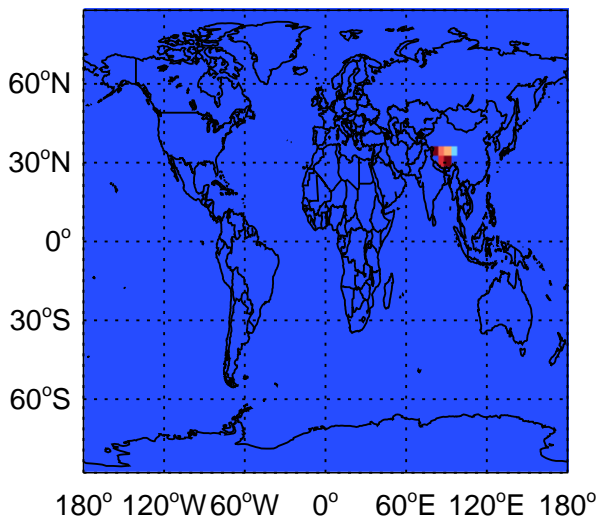
0.00e+00 1.46e-2 s-1

v11-02e-Run0
JO2 - J-Value @ 500 hPa for Apr



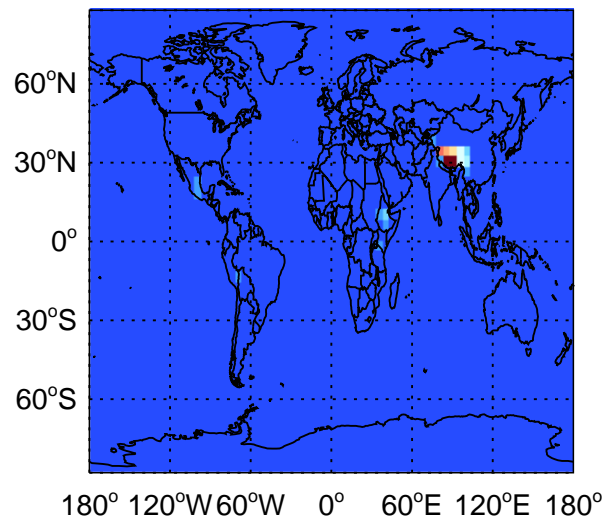
0.00e+00 2.33e-1 s-1

v11-02e-Run1
JO2 - J-Value @ surface for Apr



0.00e+00 1.29e-2 s-1

v11-02e-Run1
JO2 - J-Value @ 500 hPa for Apr

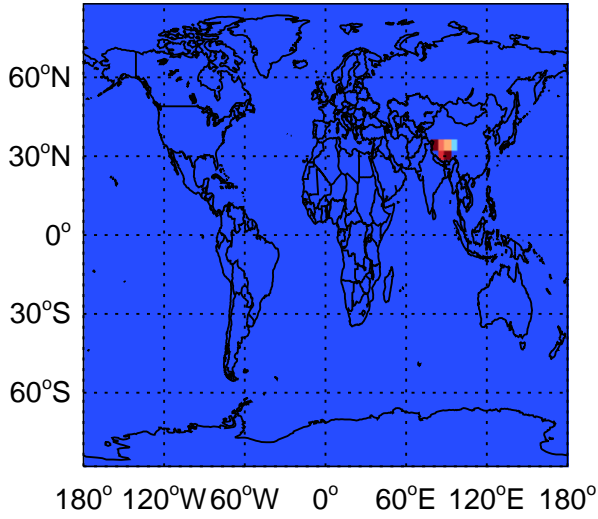


0.00e+00 2.07e-1 s-1

GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0

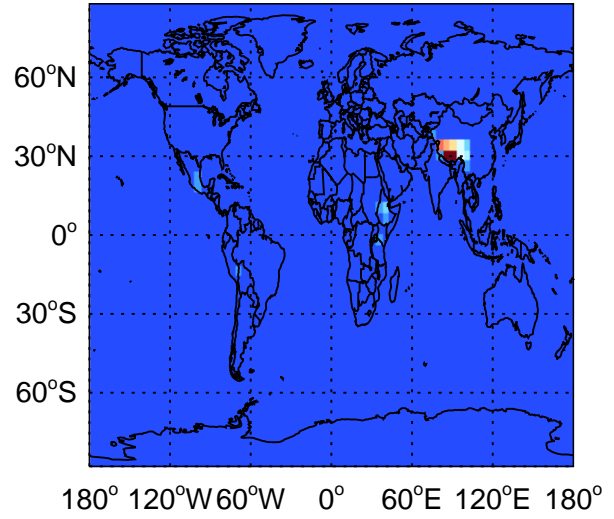
JO2 - J-Value @ surface for Apr



0.00e+00 1.23e-2 s-1

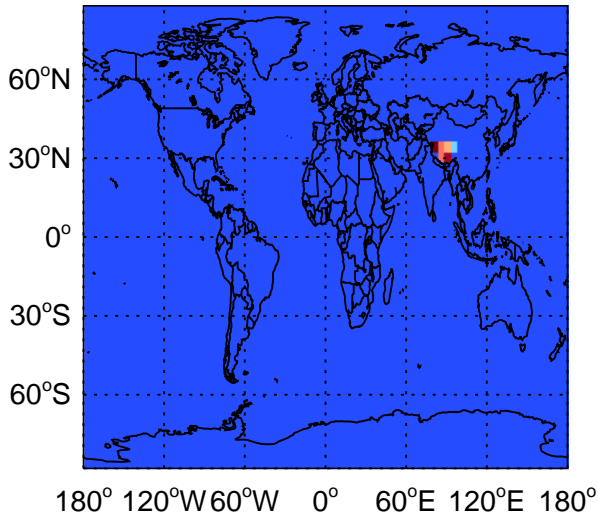
v11-02f-Run0

JO2 - J-Value @ 500 hPa for Apr



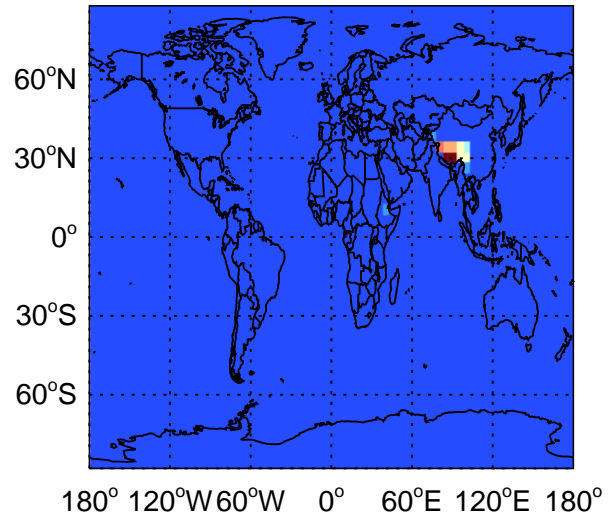
0.00e+00 2.00e-1 s-1

v11-02e-Run0
JN2O - J-Value @ surface for Apr



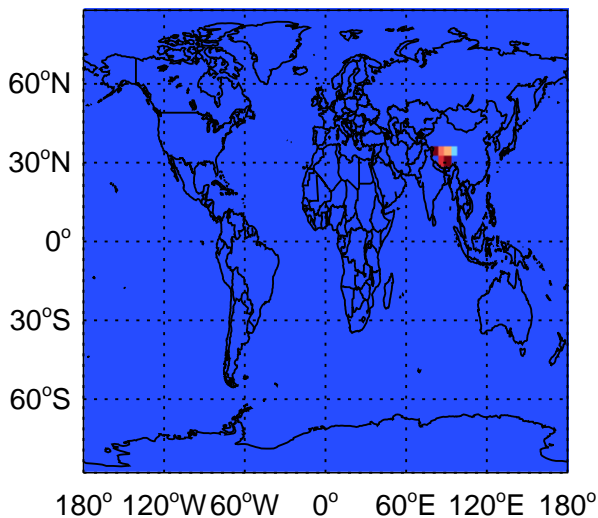
3.00e-28 1.91e-18-1

v11-02e-Run0
JN2O - J-Value @ 500 hPa for Apr



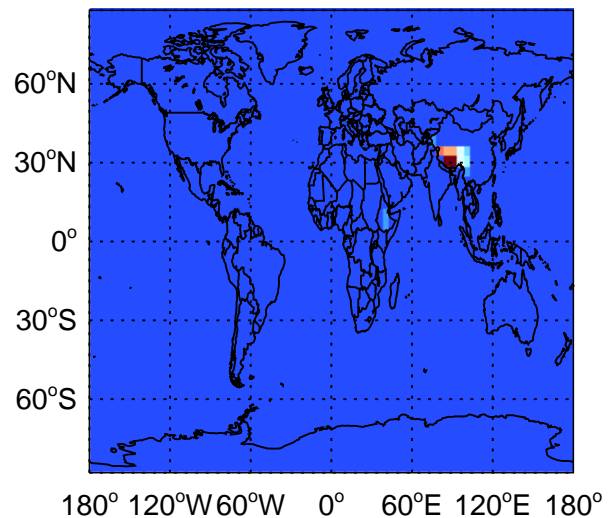
7.90e-21 3.86e-15-1

v11-02e-Run1
JN2O - J-Value @ surface for Apr



7.21e-29 1.74e-18-1

v11-02e-Run1
JN2O - J-Value @ 500 hPa for Apr

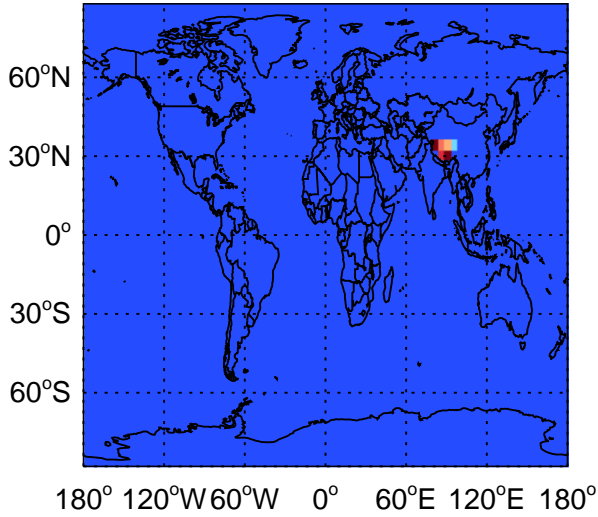


7.13e-21 3.59e-15-1

GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0

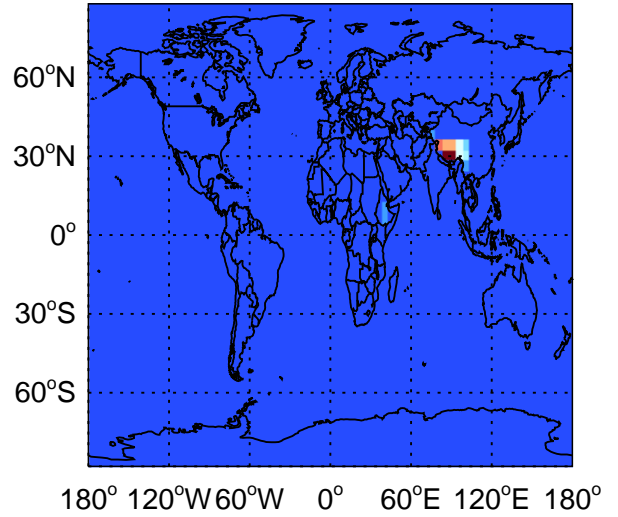
JN2O - J-Value @ surface for Apr



6.72e-29 1.66e-18-1

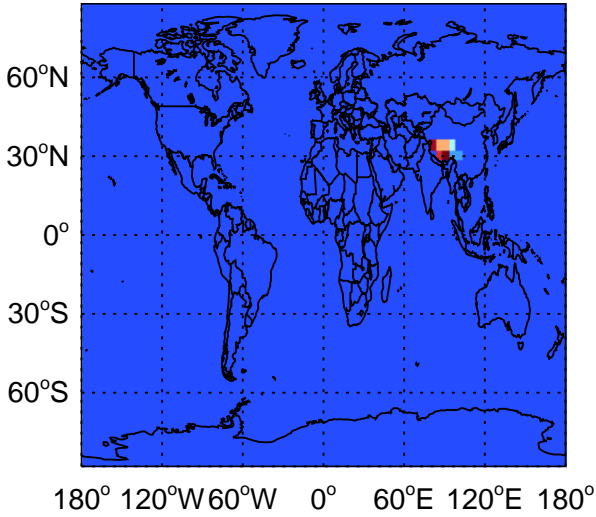
v11-02f-Run0

JN2O - J-Value @ 500 hPa for Apr



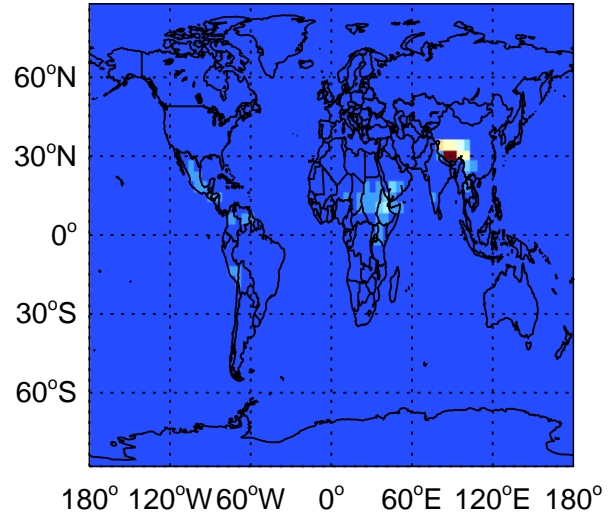
7.05e-21 3.49e-15-1

v11-02e-Run0
JNO - J-Value @ surface for Apr



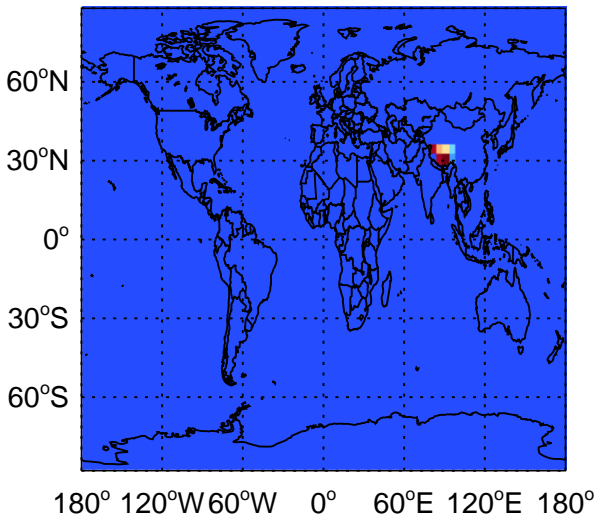
7.16e-29 4.18e-19-1

v11-02e-Run0
JNO - J-Value @ 500 hPa for Apr



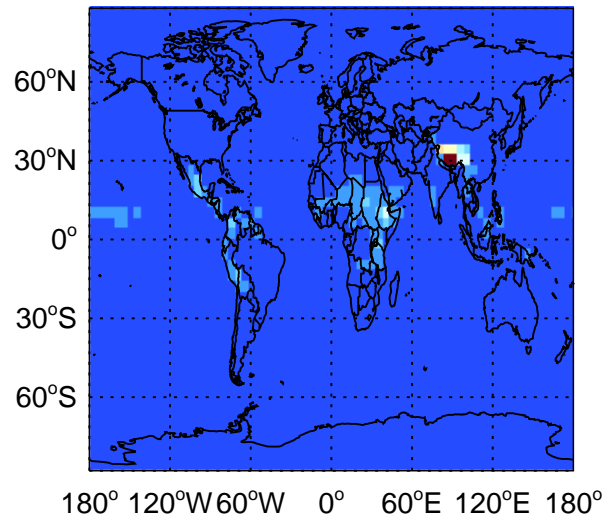
1.48e-21 3.68e-16-1

v11-02e-Run1
JNO - J-Value @ surface for Apr



2.76e-29 3.43e-19-1

v11-02e-Run1
JNO - J-Value @ 500 hPa for Apr

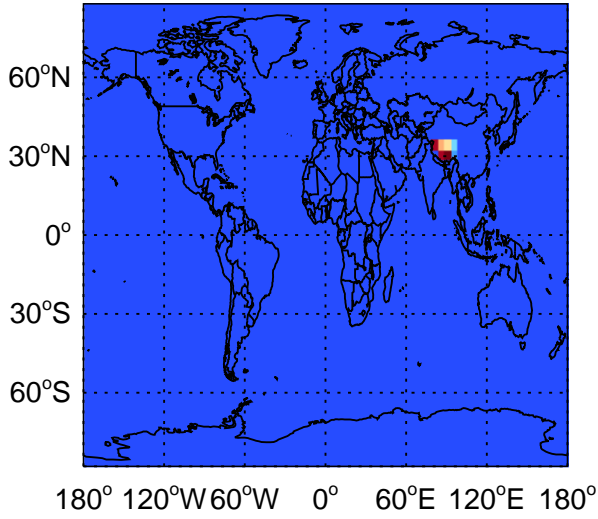


6.09e-22 2.90e-16-1

GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0

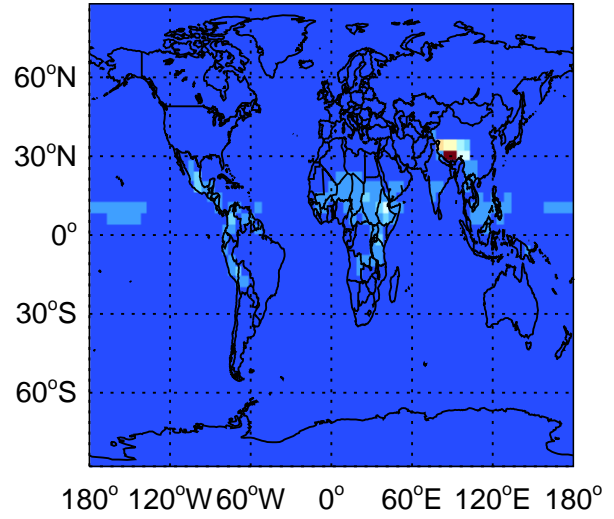
JNO - J-Value @ surface for Apr



2.56e-29 3.21e-19

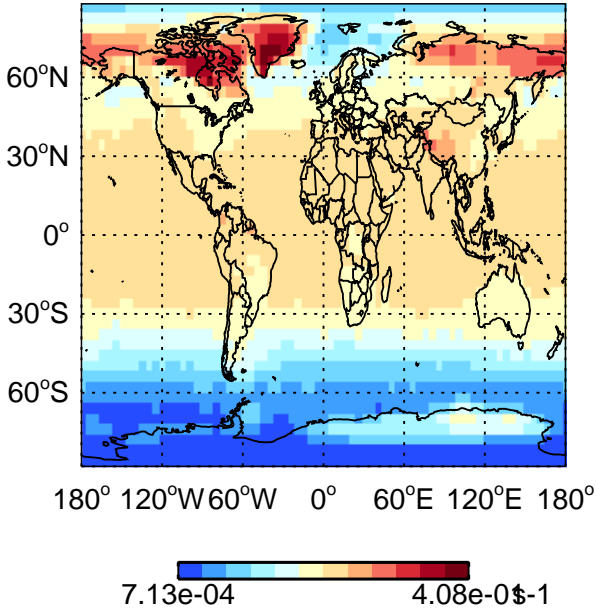
v11-02f-Run0

JNO - J-Value @ 500 hPa for Apr

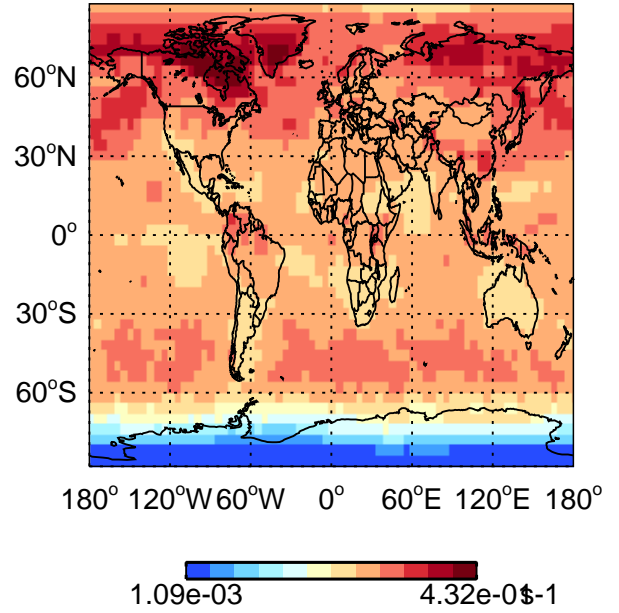


5.55e-22 2.74e-16

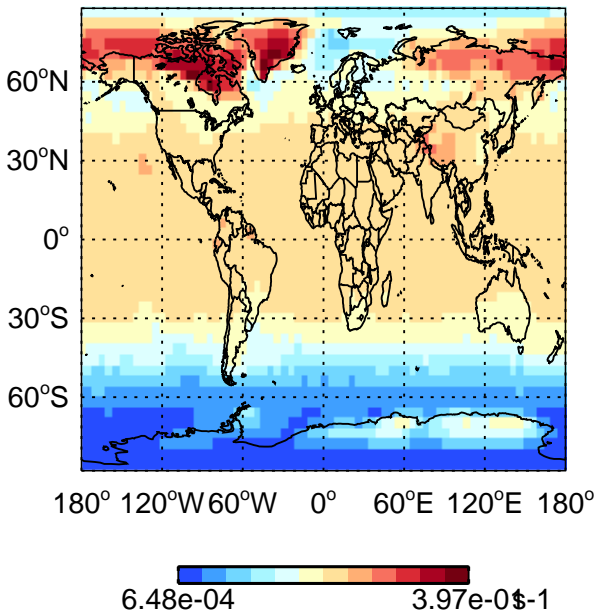
v11-02e-Run0
JNO3 - J-Value @ surface for Apr



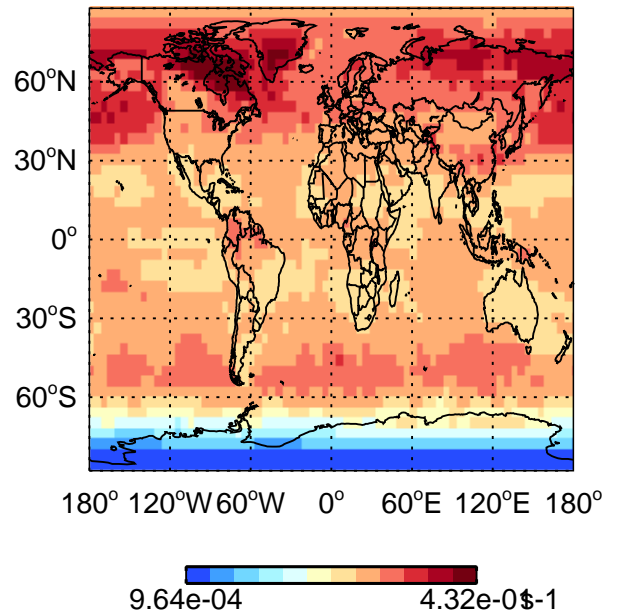
v11-02e-Run0
JNO3 - J-Value @ 500 hPa for Apr



v11-02e-Run1
JNO3 - J-Value @ surface for Apr



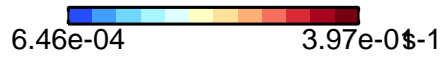
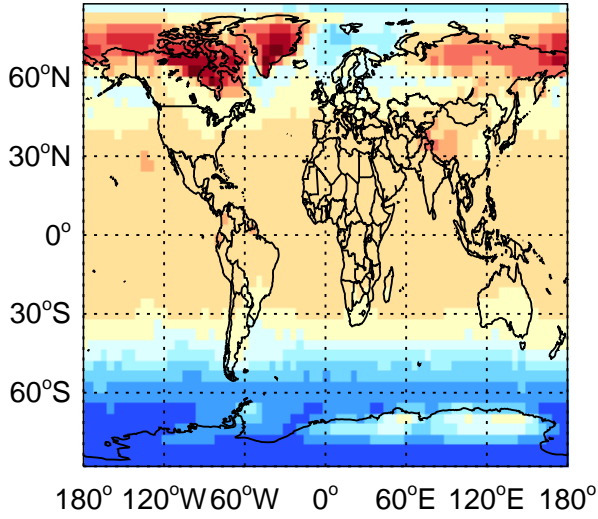
v11-02e-Run1
JNO3 - J-Value @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

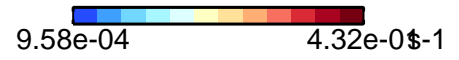
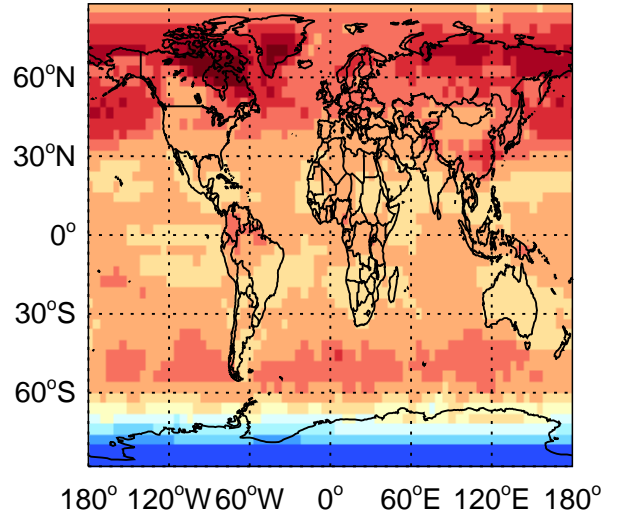
v11-02f-Run0

JNO3 - J-Value @ surface for Apr



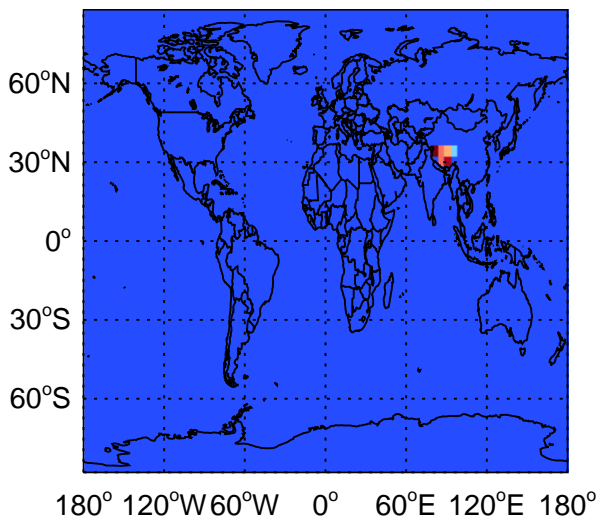
v11-02f-Run0

JNO3 - J-Value @ 500 hPa for Apr



v11-02e-Run0

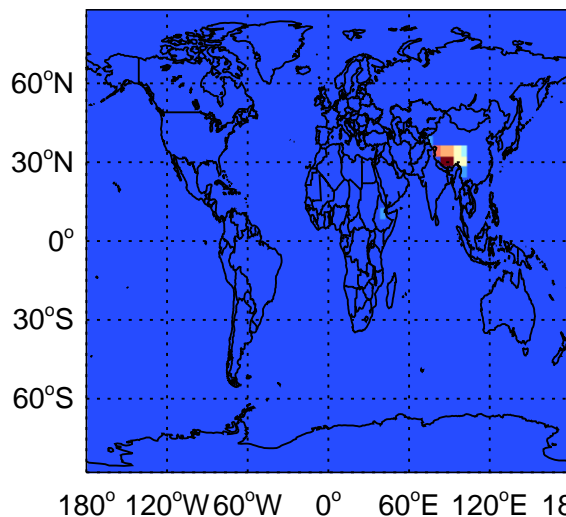
JCFC11 - J-Value @ surface for Apr



7.03e-27 3.69e-18-1

v11-02e-Run0

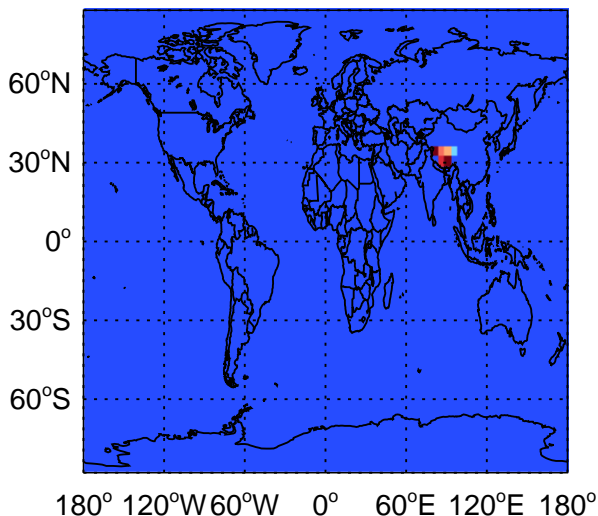
JCFC11 - J-Value @ 500 hPa for Apr



1.63e-19 7.45e-14-1

v11-02e-Run1

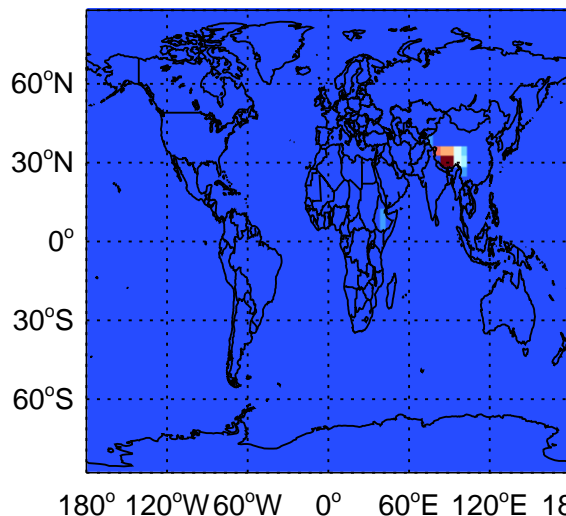
JCFC11 - J-Value @ surface for Apr



1.61e-27 3.33e-18-1

v11-02e-Run1

JCFC11 - J-Value @ 500 hPa for Apr



1.48e-19 6.89e-14-1

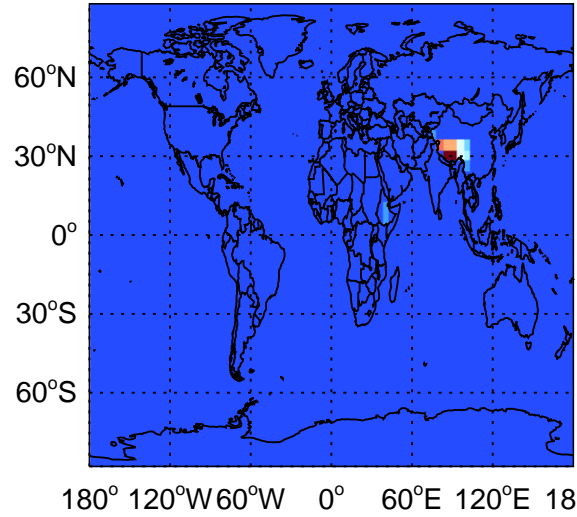
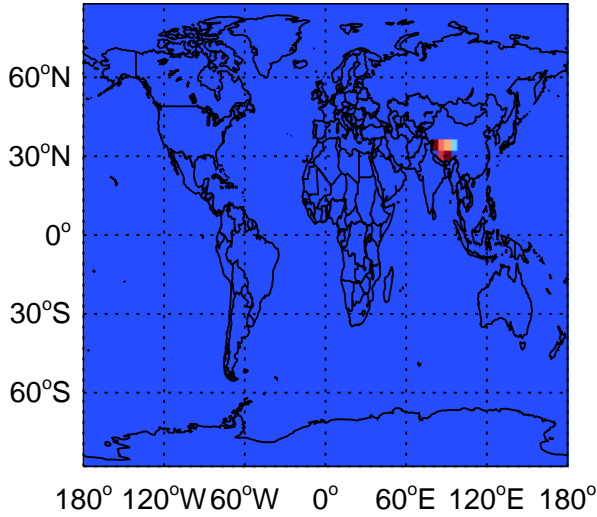
GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0

v11-02f-Run0

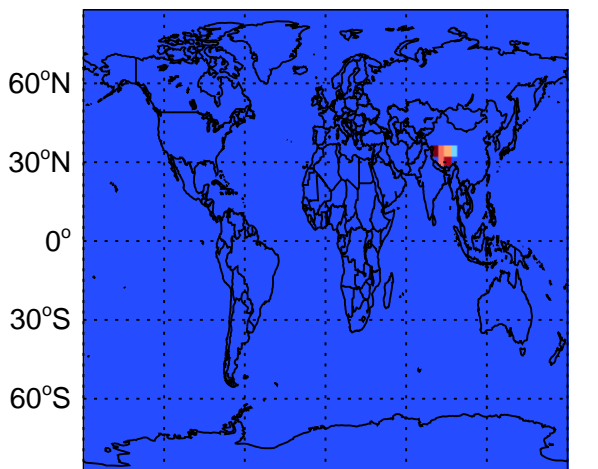
JCFC11 - J-Value @ surface for Apr

JCFC11 - J-Value @ 500 hPa for Apr



v11-02e-Run0

JCFC12 - J-Value @ surface for Apr

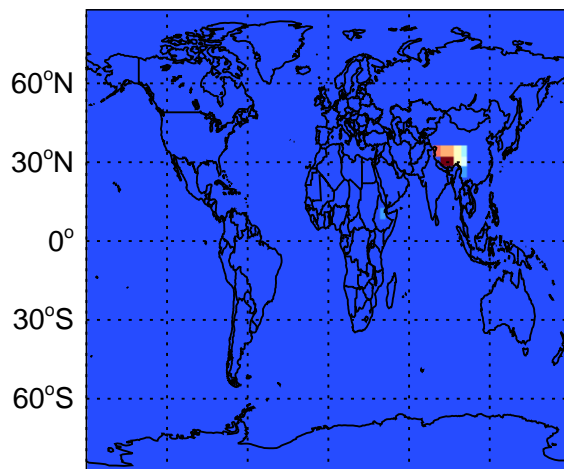


180° 120°W 60°W 0° 60°E 120°E 180°

2.86e-28 2.66e-18-1

v11-02e-Run0

JCFC12 - J-Value @ 500 hPa for Apr

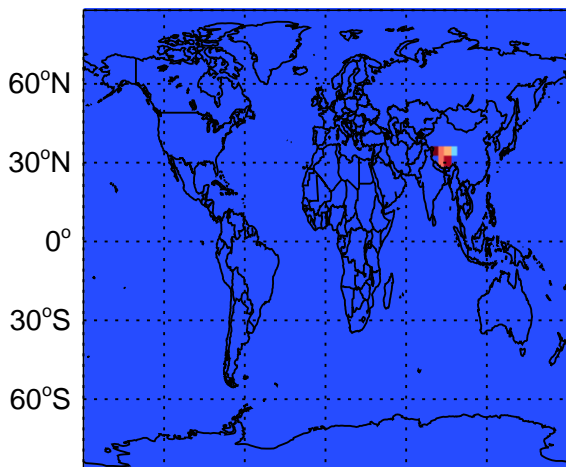


180° 120°W 60°W 0° 60°E 120°E 180°

1.12e-20 5.94e-15-1

v11-02e-Run1

JCFC12 - J-Value @ surface for Apr

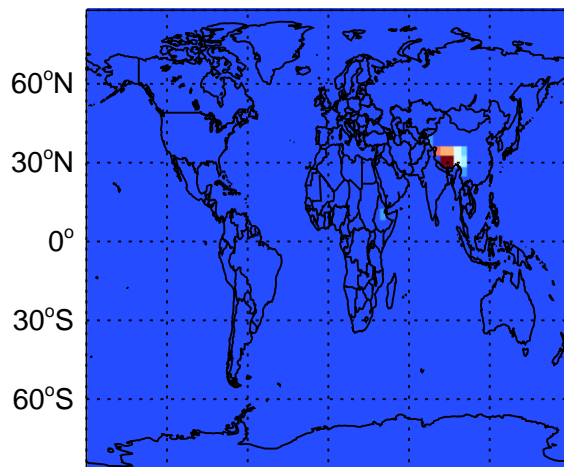


180° 120°W 60°W 0° 60°E 120°E 180°

8.00e-29 2.44e-18-1

v11-02e-Run1

JCFC12 - J-Value @ 500 hPa for Apr



180° 120°W 60°W 0° 60°E 120°E 180°

1.00e-20 5.58e-15-1

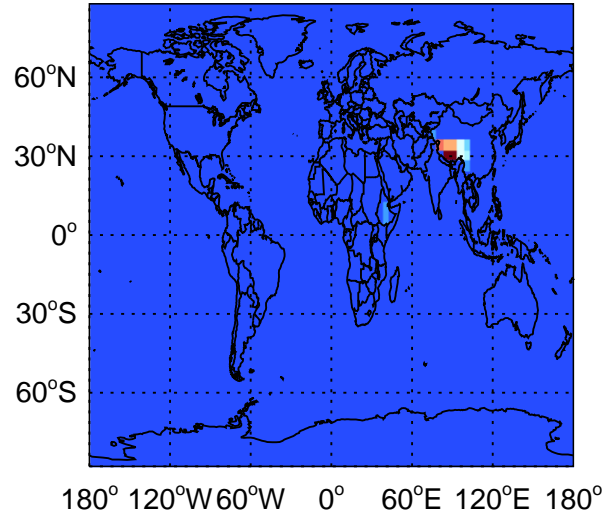
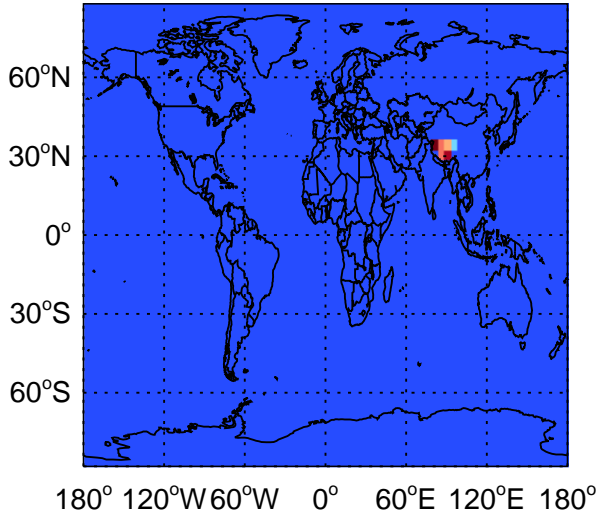
GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0

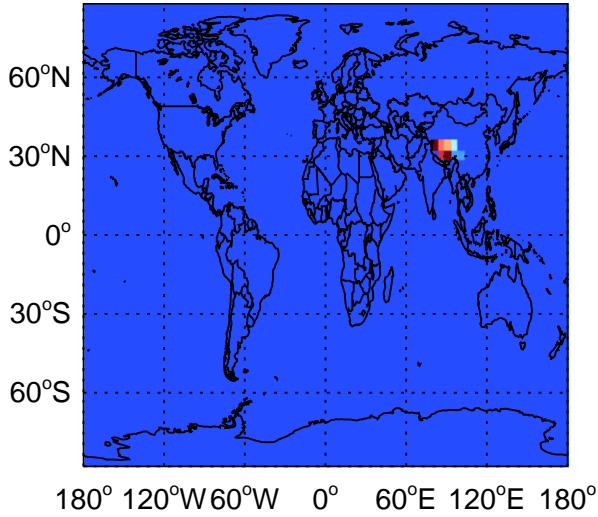
v11-02f-Run0

JCFC12 - J-Value @ surface for Apr

JCFC12 - J-Value @ 500 hPa for Apr

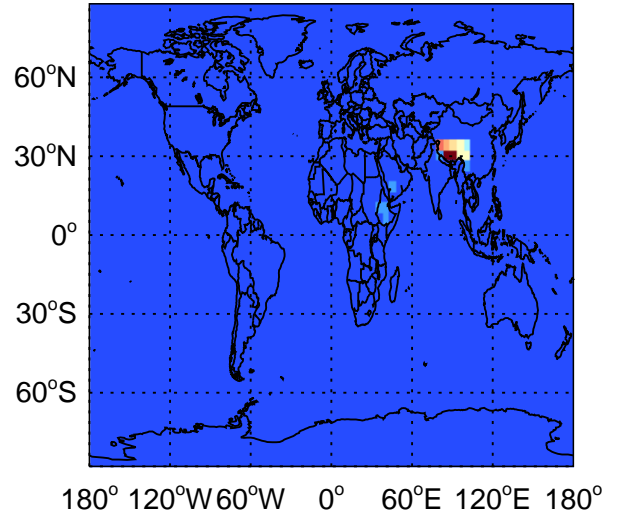


v11-02e-Run0
JCCI4 - J-Value @ surface for Apr



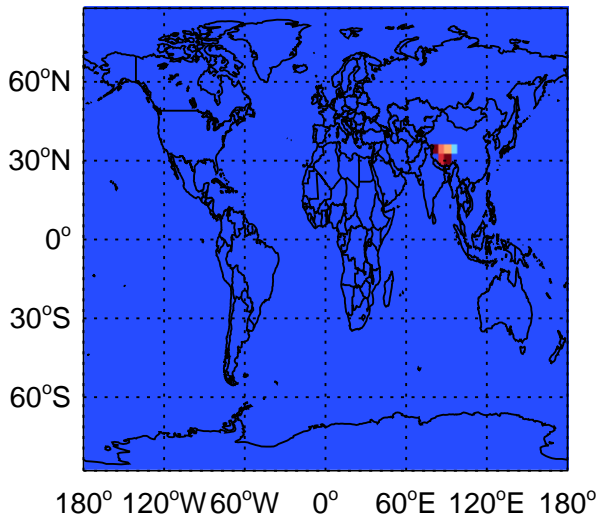
3.42e-26 1.00e-16-1

v11-02e-Run0
JCCI4 - J-Value @ 500 hPa for Apr



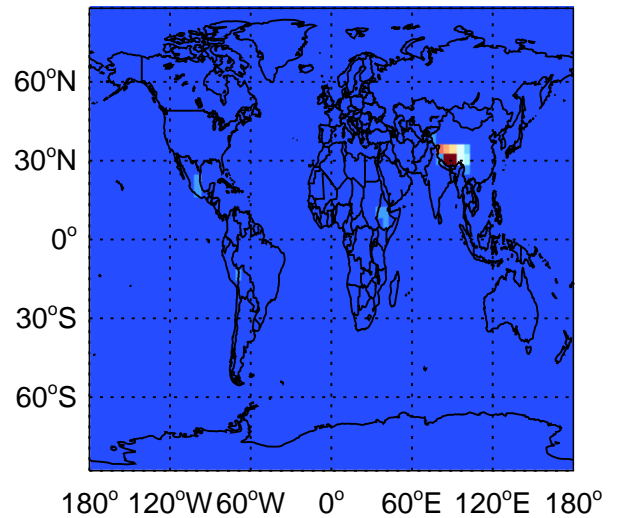
4.15e-19 1.64e-13-1

v11-02e-Run1
JCCI4 - J-Value @ surface for Apr



6.59e-27 8.89e-17-1

v11-02e-Run1
JCCI4 - J-Value @ 500 hPa for Apr

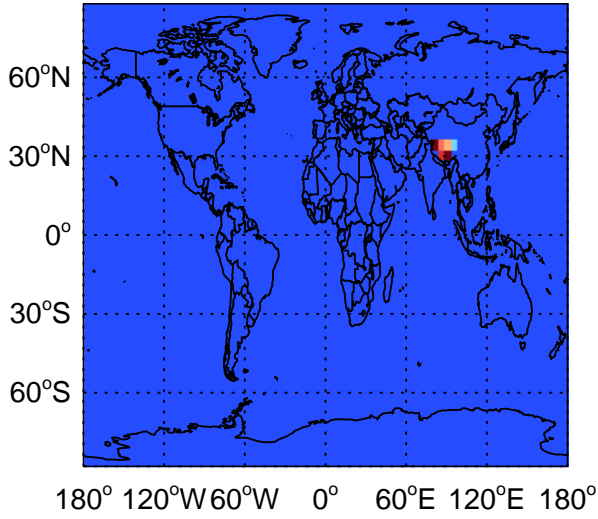


3.85e-19 1.47e-13-1

GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0

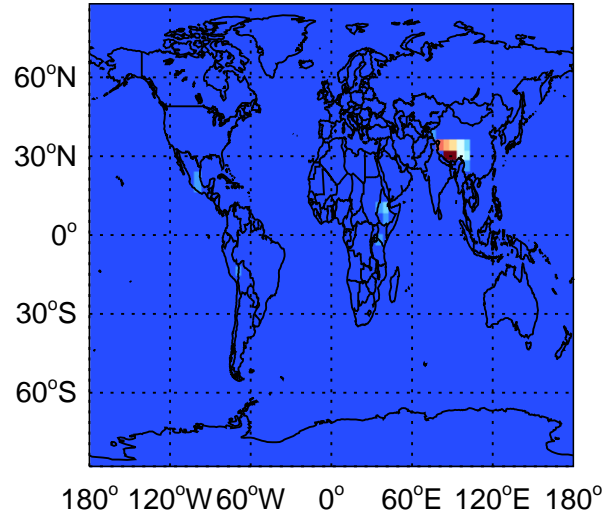
JCCI4 - J-Value @ surface for Apr



6.15e-27 8.46e-18-1

v11-02f-Run0

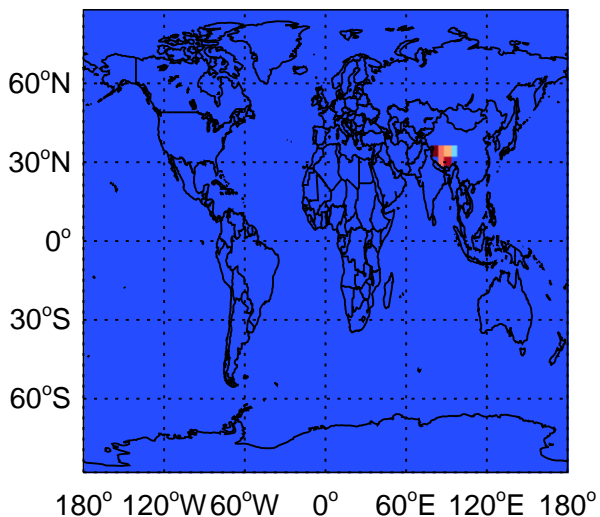
JCCI4 - J-Value @ 500 hPa for Apr



3.79e-19 1.42e-13-1

v11-02e-Run0

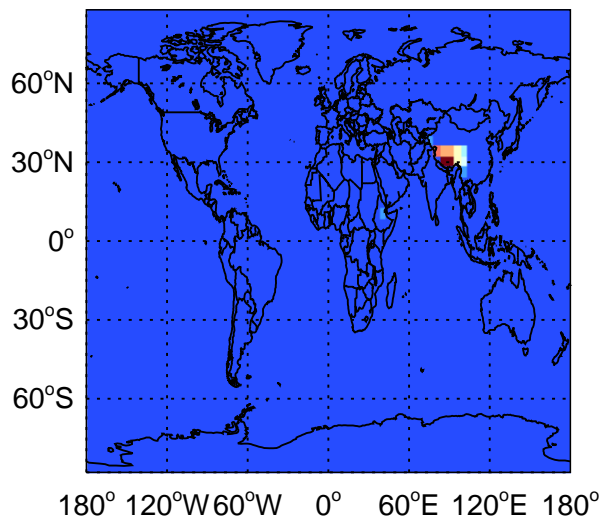
JCH3Cl - J-Value @ surface for Apr



9.26e-29 6.72e-19-1

v11-02e-Run0

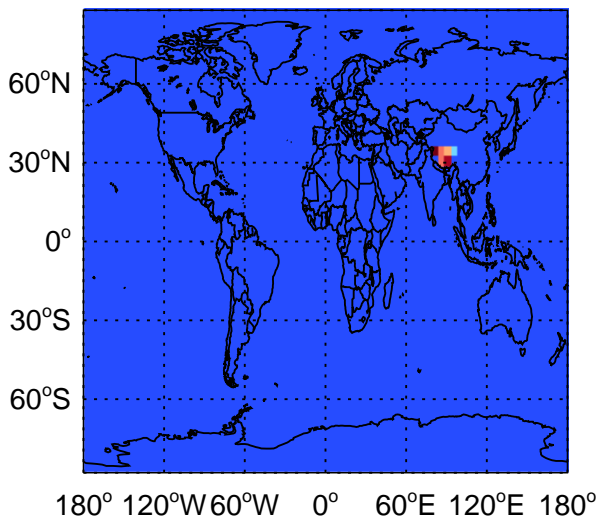
JCH3Cl - J-Value @ 500 hPa for Apr



3.17e-21 1.55e-15-1

v11-02e-Run1

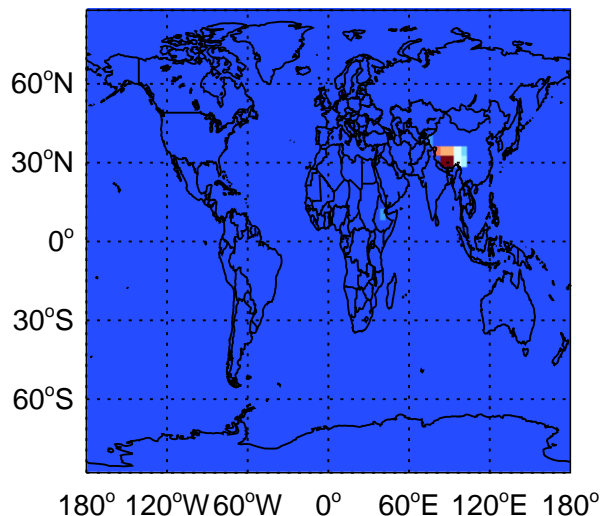
JCH3Cl - J-Value @ surface for Apr



2.34e-29 6.12e-19-1

v11-02e-Run1

JCH3Cl - J-Value @ 500 hPa for Apr



2.85e-21 1.45e-15-1

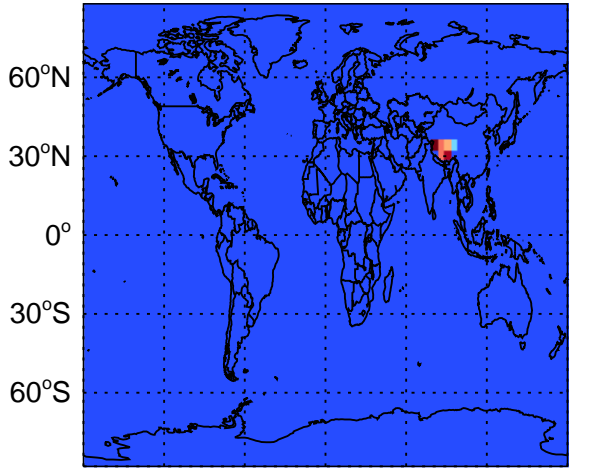
GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0

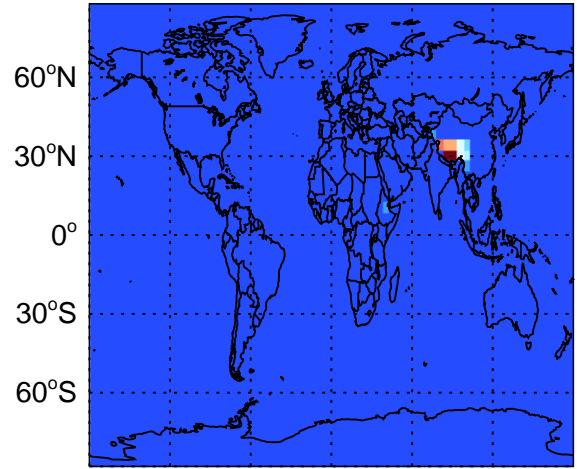
v11-02f-Run0

JCH3Cl - J-Value @ surface for Apr

JCH3Cl - J-Value @ 500 hPa for Apr



180° 120°W 60°W 0° 60°E 120°E 180°

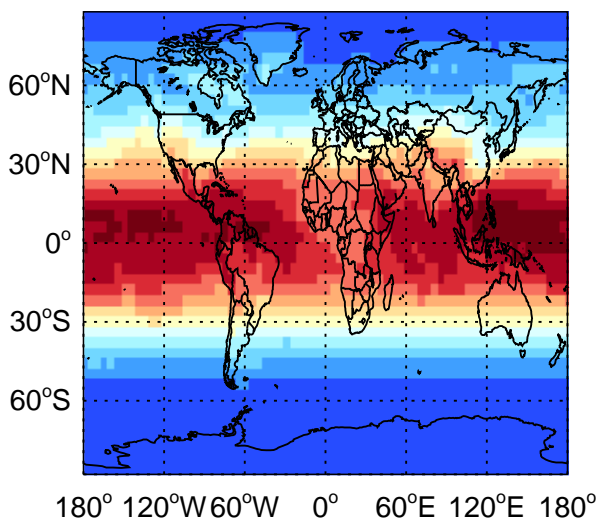


180° 120°W 60°W 0° 60°E 120°E 180°



v11-02e-Run0

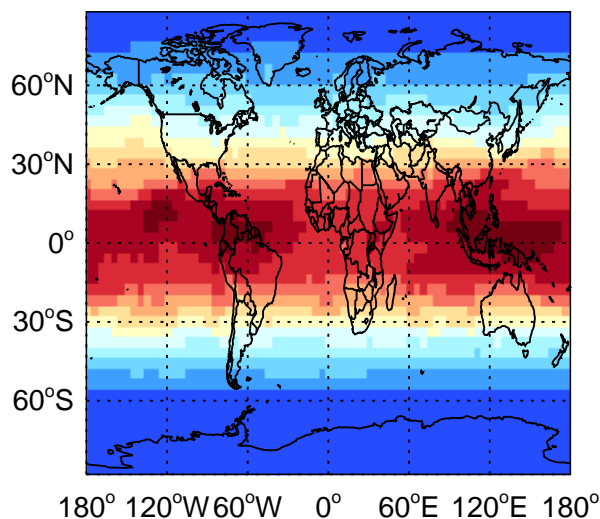
JACET - J-Value @ surface for Apr



2.13e-10 1.10e-06-1

v11-02e-Run0

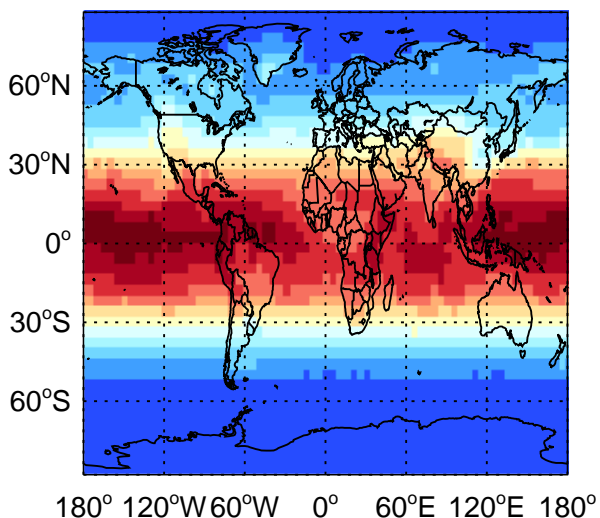
JACET - J-Value @ 500 hPa for Apr



2.03e-10 1.74e-06-1

v11-02e-Run1

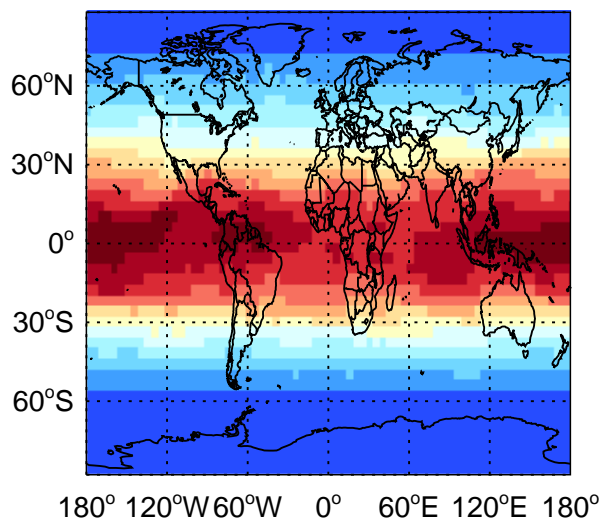
JACET - J-Value @ surface for Apr



1.56e-10 1.14e-06-1

v11-02e-Run1

JACET - J-Value @ 500 hPa for Apr

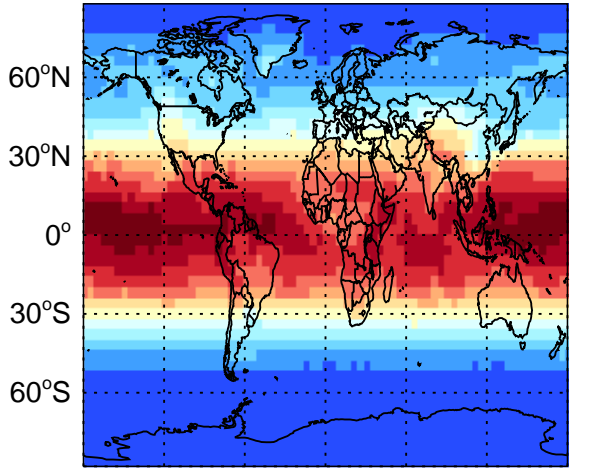


1.48e-10 1.79e-06-1

GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0

JACET - J-Value @ surface for Apr

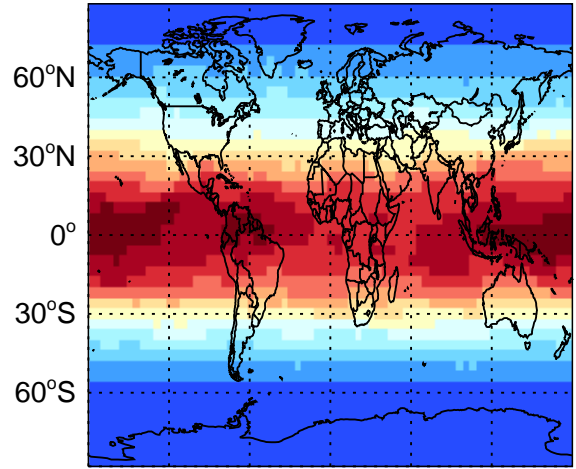


180° 120°W 60°W 0° 60°E 120°E 180°



v11-02f-Run0

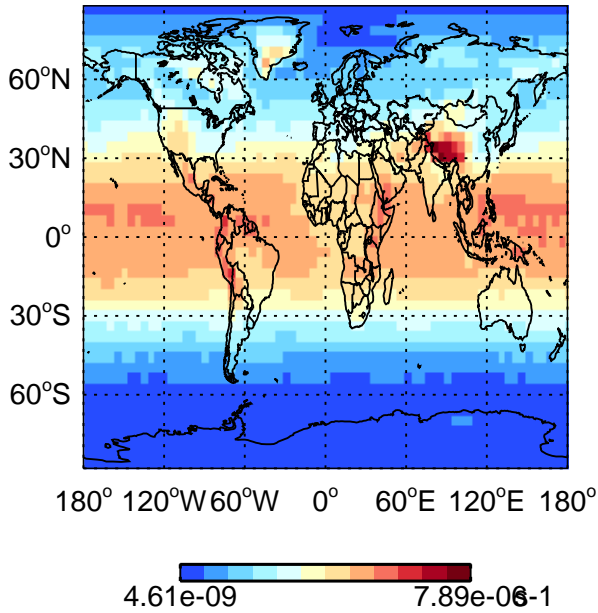
JACET - J-Value @ 500 hPa for Apr



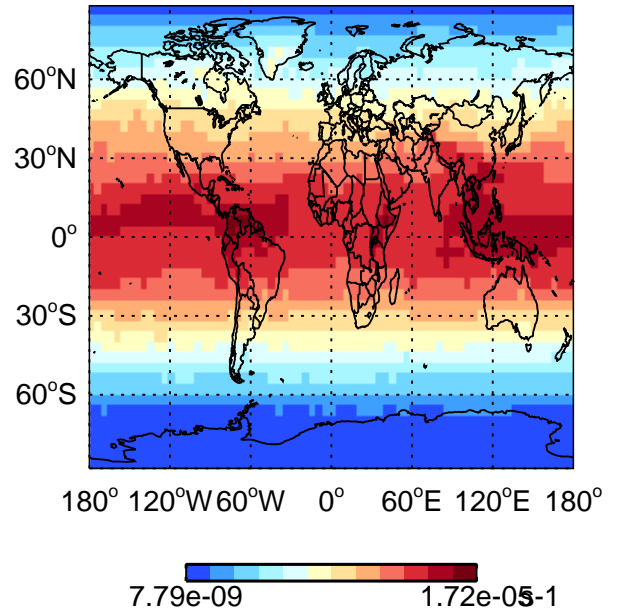
180° 120°W 60°W 0° 60°E 120°E 180°



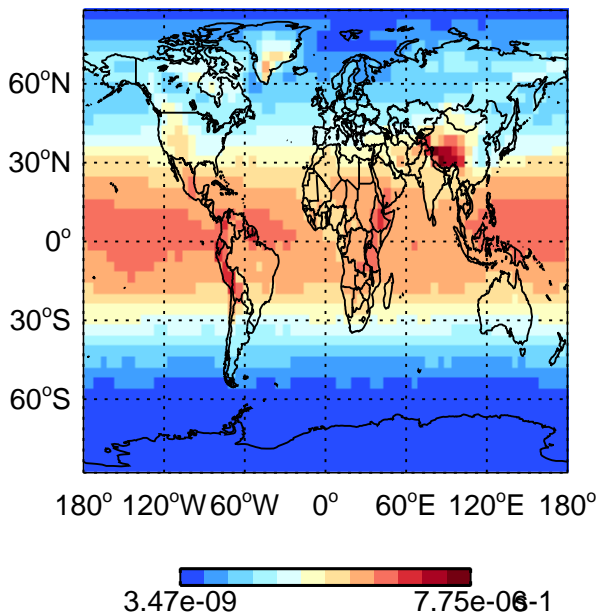
v11-02e-Run0
JALD2 - J-Value @ surface for Apr



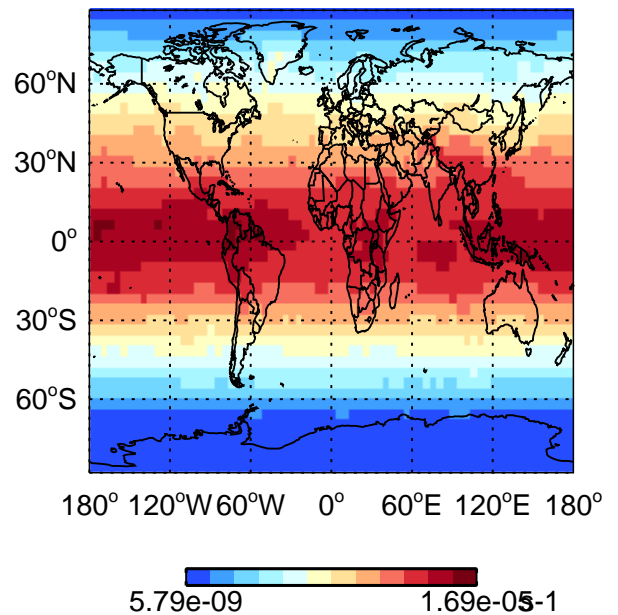
v11-02e-Run0
JALD2 - J-Value @ 500 hPa for Apr



v11-02e-Run1
JALD2 - J-Value @ surface for Apr



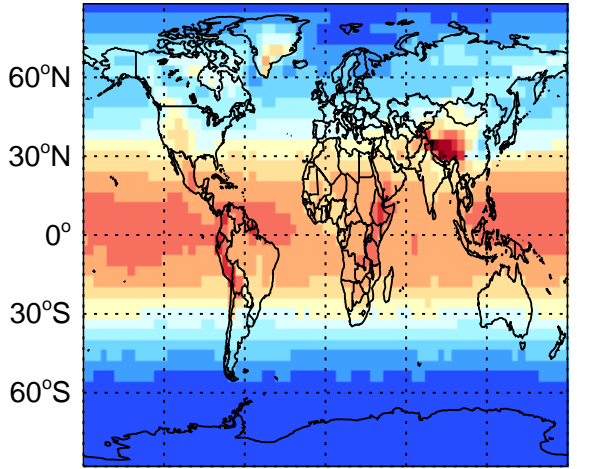
v11-02e-Run1
JALD2 - J-Value @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0

JALD2 - J-Value @ surface for Apr

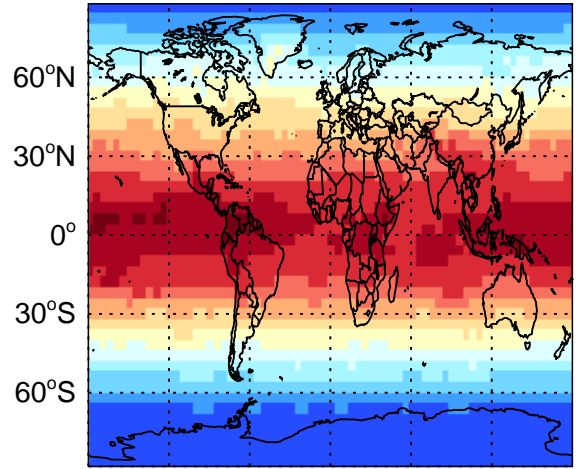


180° 120°W 60°W 0° 60°E 120°E 180°

3.47e-09 7.68e-06-1

v11-02f-Run0

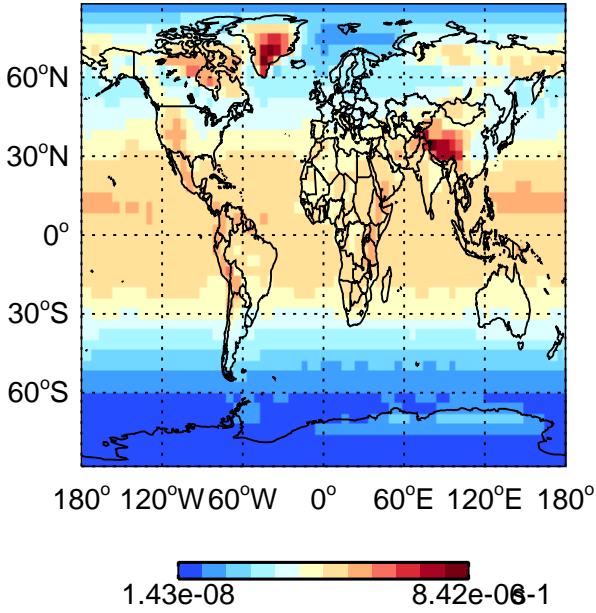
JALD2 - J-Value @ 500 hPa for Apr



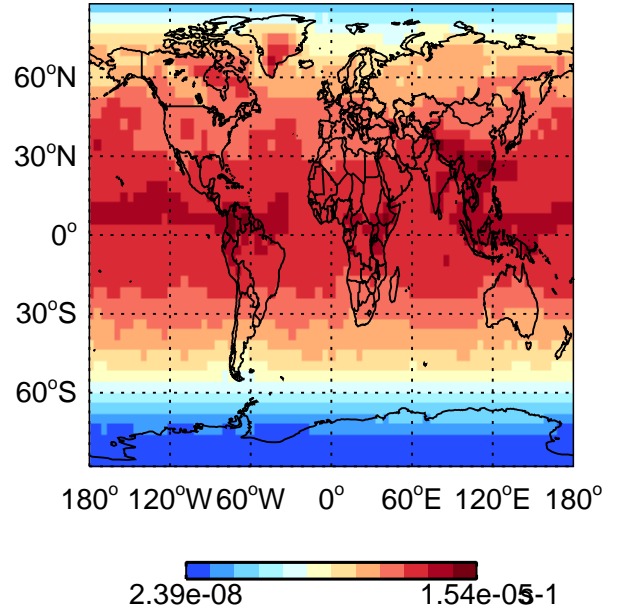
180° 120°W 60°W 0° 60°E 120°E 180°

5.79e-09 1.67e-05-1

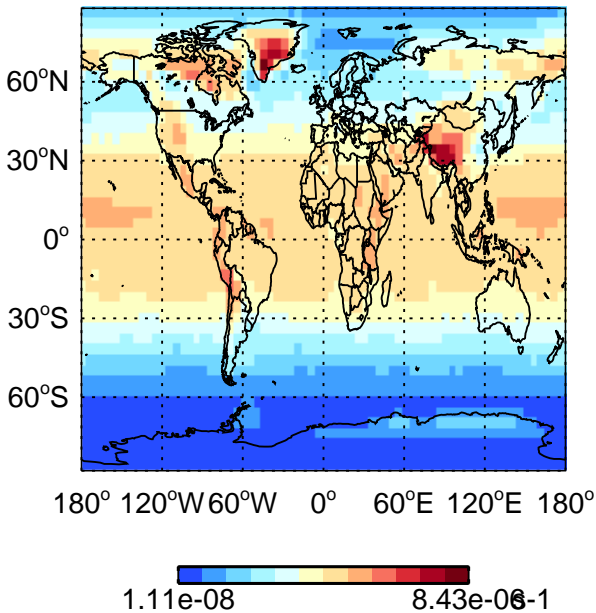
v11-02e-Run0
JMKV - J-Value @ surface for Apr



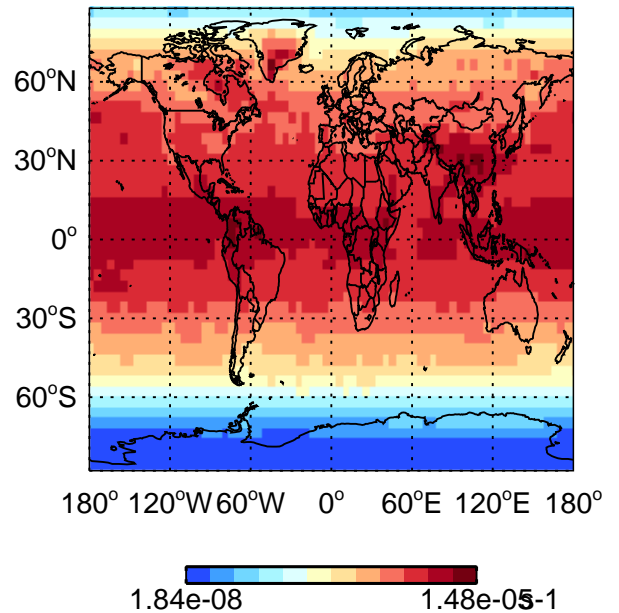
v11-02e-Run0
JMKV - J-Value @ 500 hPa for Apr



v11-02e-Run1
JMKV - J-Value @ surface for Apr



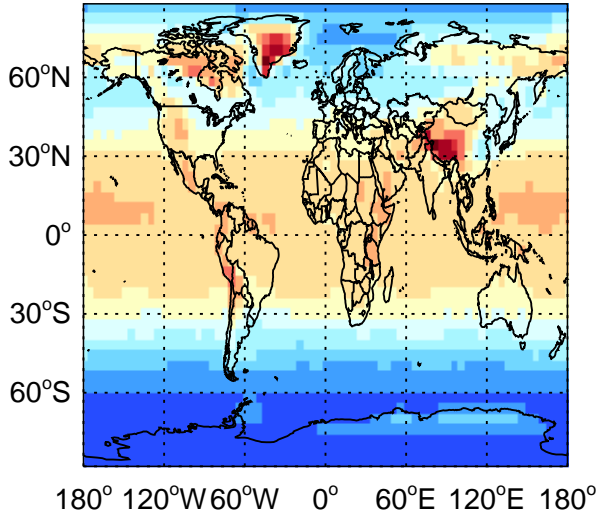
v11-02e-Run1
JMKV - J-Value @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0

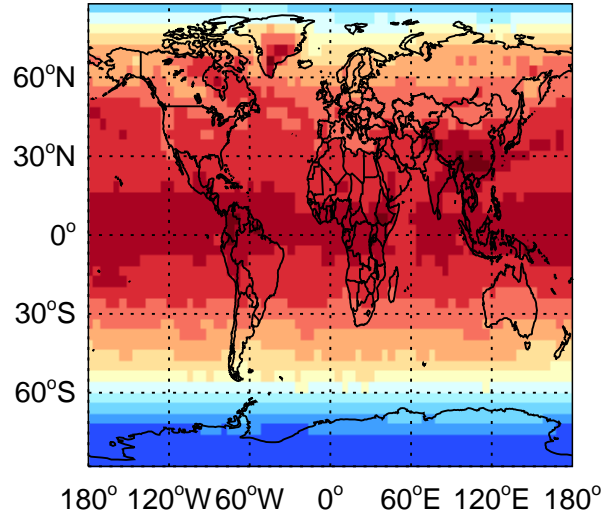
JMVK - J-Value @ surface for Apr



1.10e-08 8.38e-06-1

v11-02f-Run0

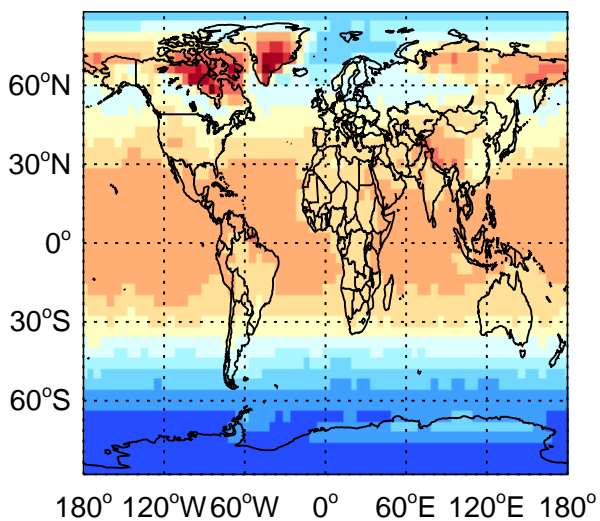
JMVK - J-Value @ 500 hPa for Apr



1.84e-08 1.48e-05-1

v11-02e-Run0

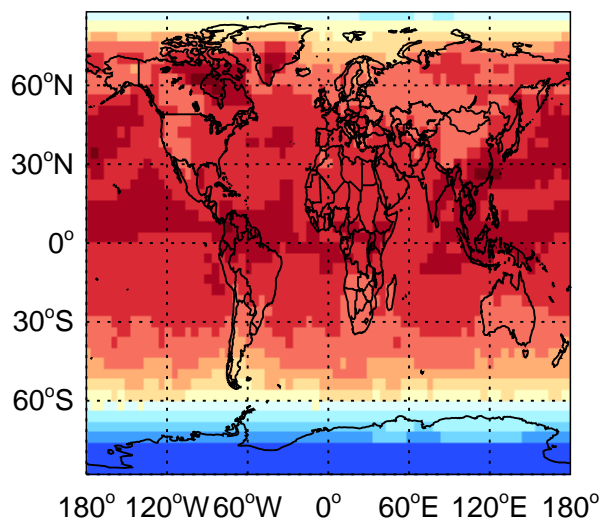
JMACR - J-Value @ surface for Apr



5.18e-09 2.63e-06-1

v11-02e-Run0

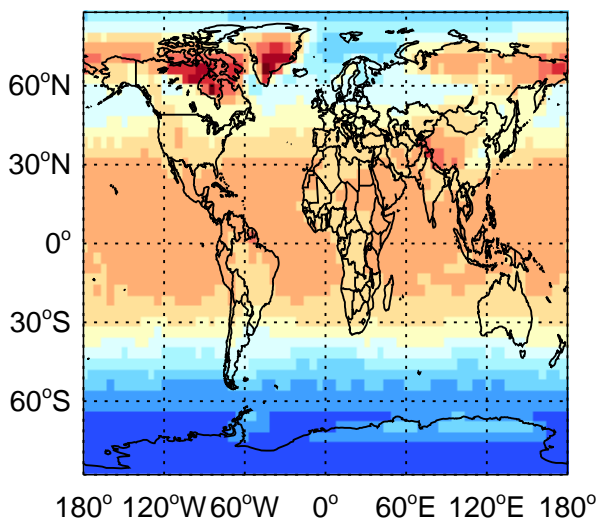
JMACR - J-Value @ 500 hPa for Apr



6.00e-09 3.00e-06-1

v11-02e-Run1

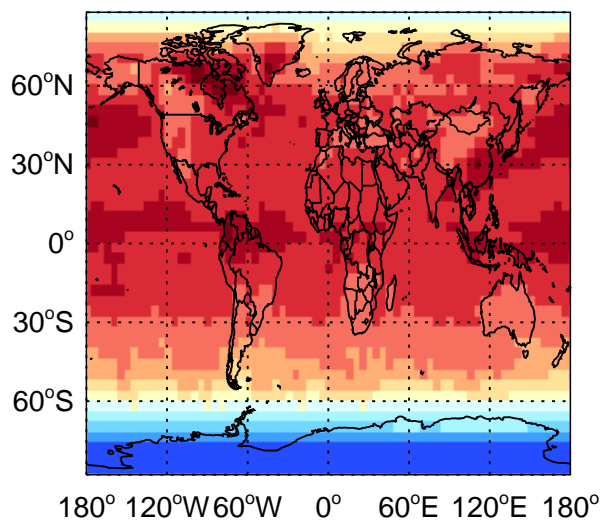
JMACR - J-Value @ surface for Apr



4.07e-09 2.62e-06-1

v11-02e-Run1

JMACR - J-Value @ 500 hPa for Apr

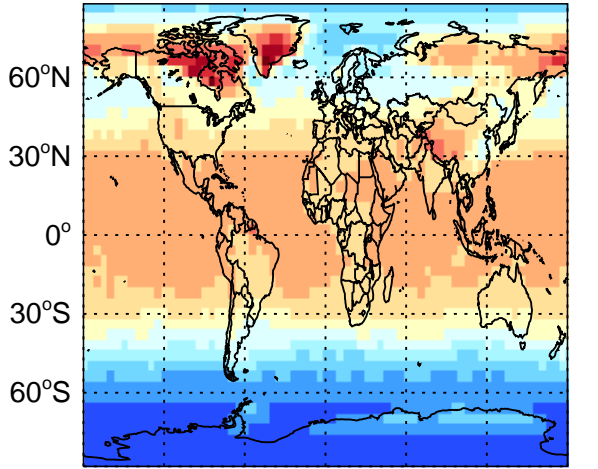


4.71e-09 3.01e-06-1

GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0

JMACR - J-Value @ surface for Apr

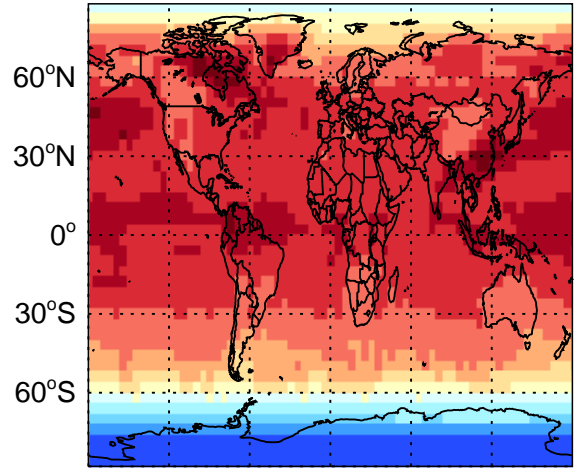


180° 120°W 60°W 0° 60°E 120°E 180°

4.06e-09 2.61e-06-1

v11-02f-Run0

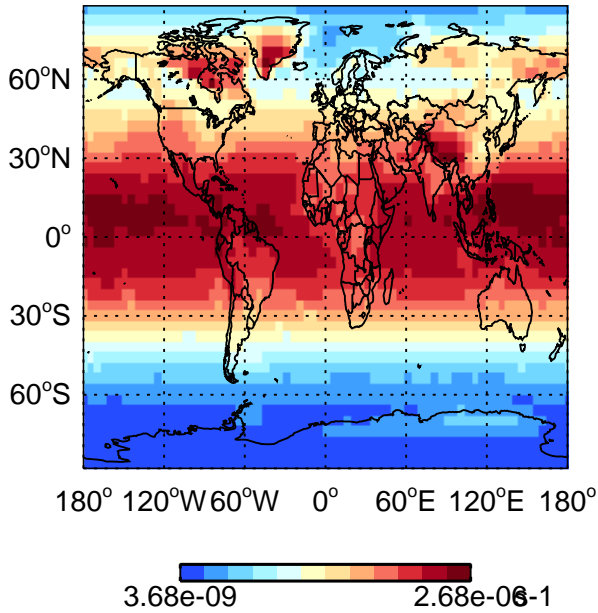
JMACR - J-Value @ 500 hPa for Apr



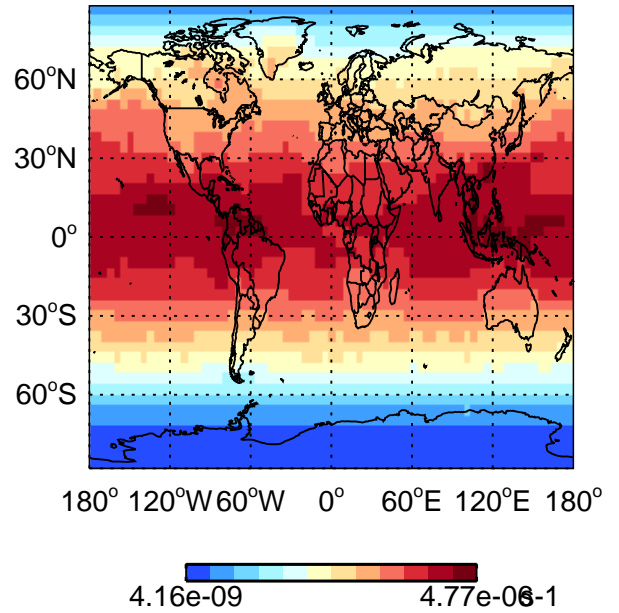
180° 120°W 60°W 0° 60°E 120°E 180°

4.70e-09 3.00e-06-1

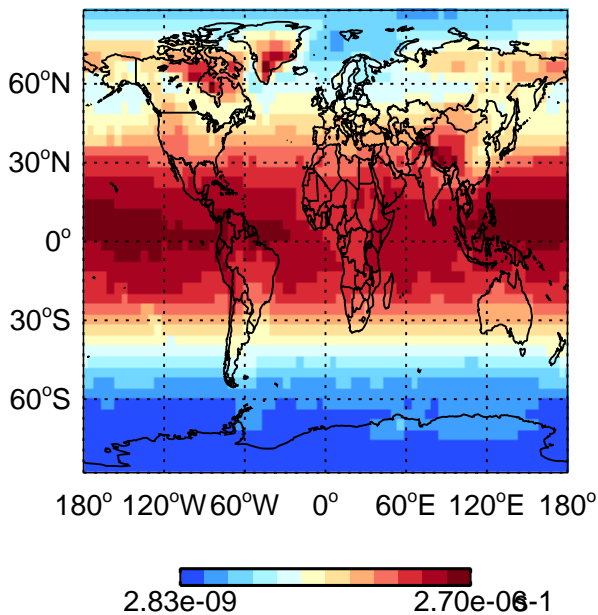
v11-02e-Run0
JHAC - J-Value @ surface for Apr



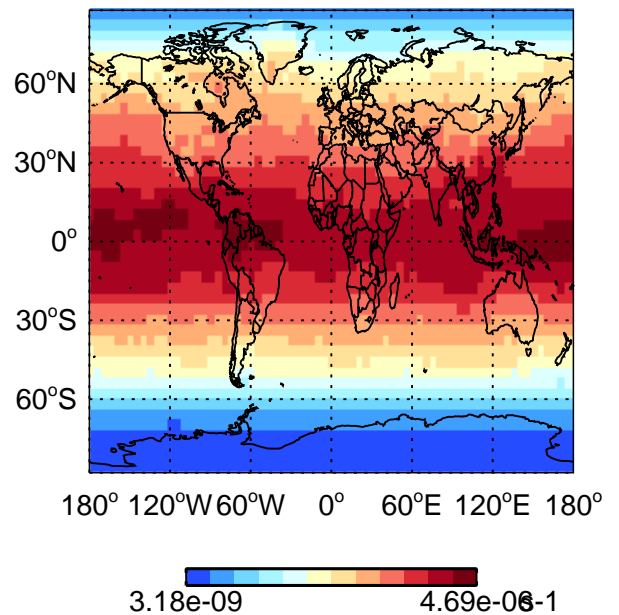
v11-02e-Run0
JHAC - J-Value @ 500 hPa for Apr



v11-02e-Run1
JHAC - J-Value @ surface for Apr



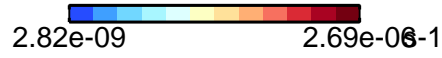
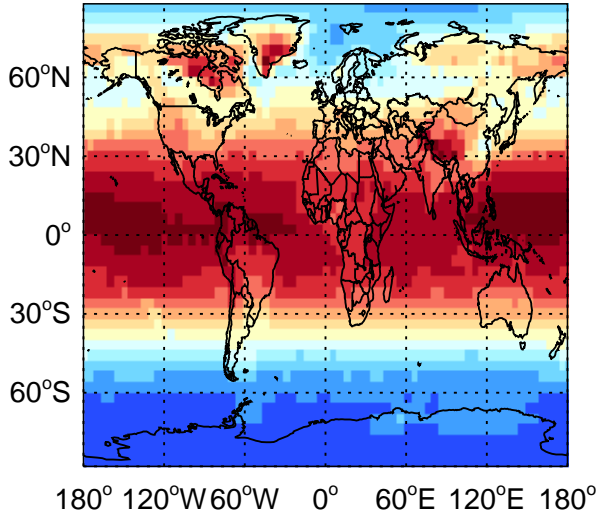
v11-02e-Run1
JHAC - J-Value @ 500 hPa for Apr



GEOS-Chem J-Values at surface and 500 hPa

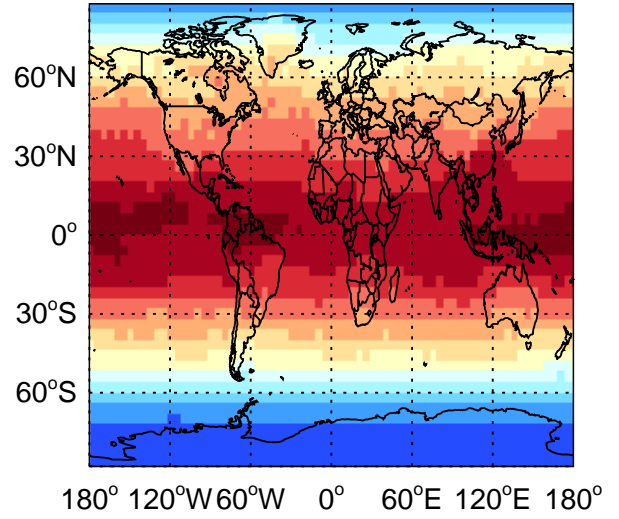
v11-02f-Run0

JHAC - J-Value @ surface for Apr



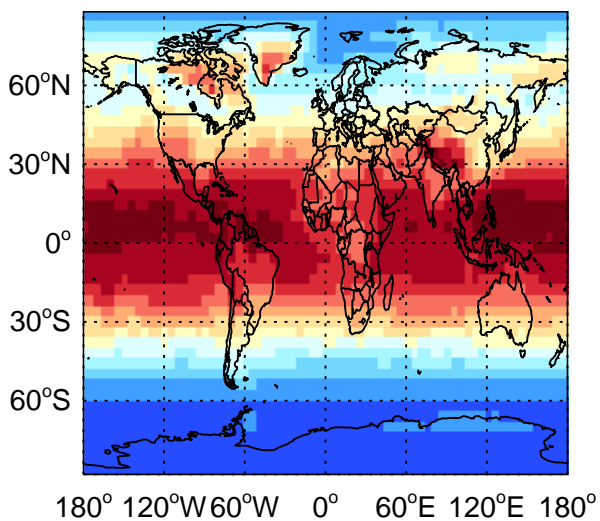
v11-02f-Run0

JHAC - J-Value @ 500 hPa for Apr



v11-02e-Run0

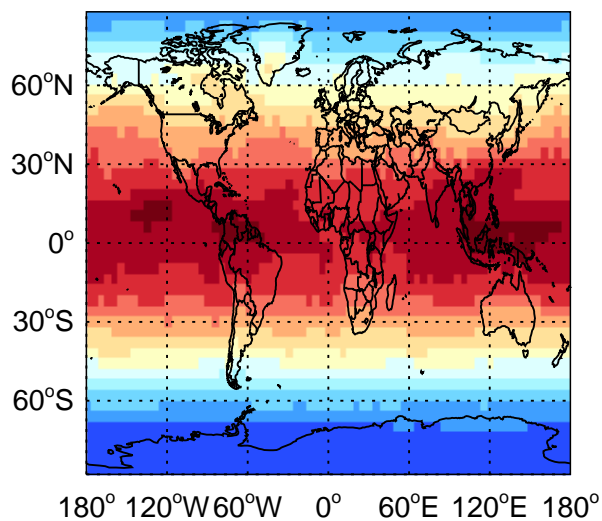
JGLYC - J-Value @ surface for Apr



1.38e-08 1.54e-05-1

v11-02e-Run0

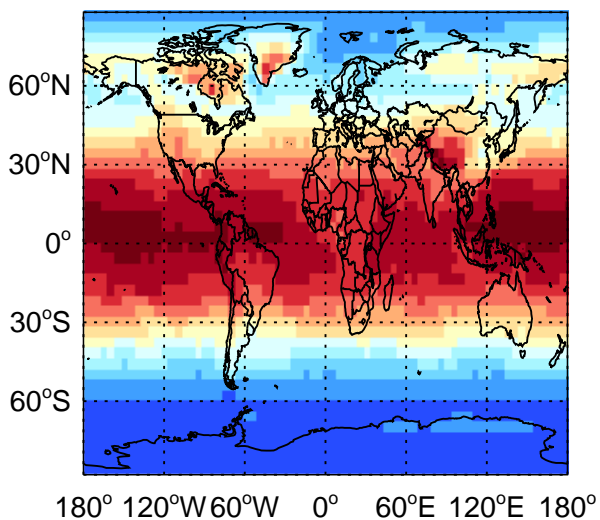
JGLYC - J-Value @ 500 hPa for Apr



1.54e-08 2.83e-05-1

v11-02e-Run1

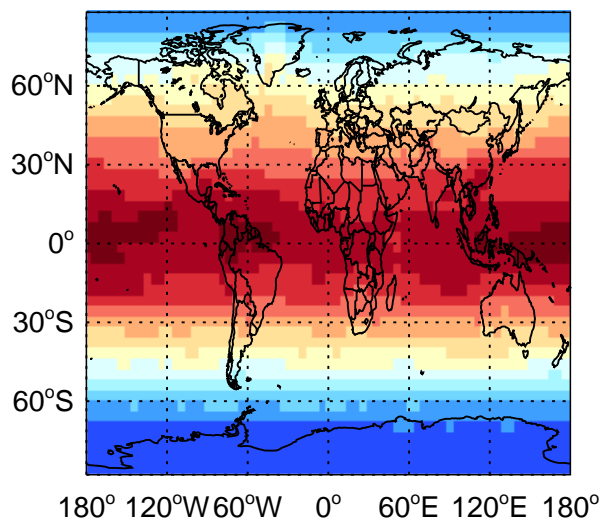
JGLYC - J-Value @ surface for Apr



1.05e-08 1.58e-05-1

v11-02e-Run1

JGLYC - J-Value @ 500 hPa for Apr

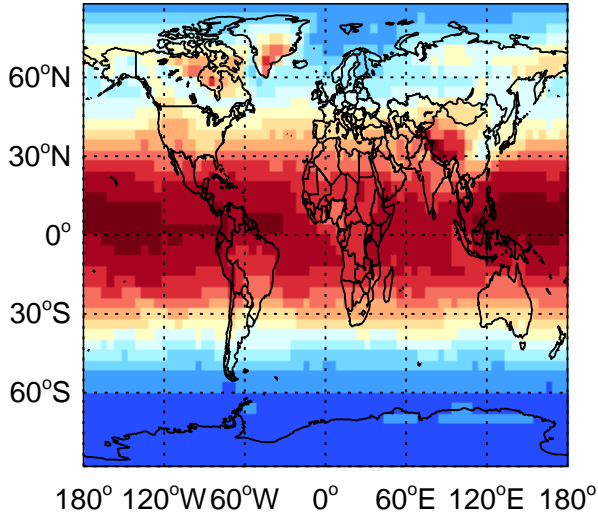


1.16e-08 2.80e-05-1

GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0

JGLYC - J-Value @ surface for Apr



v11-02f-Run0

JGLYC - J-Value @ 500 hPa for Apr

