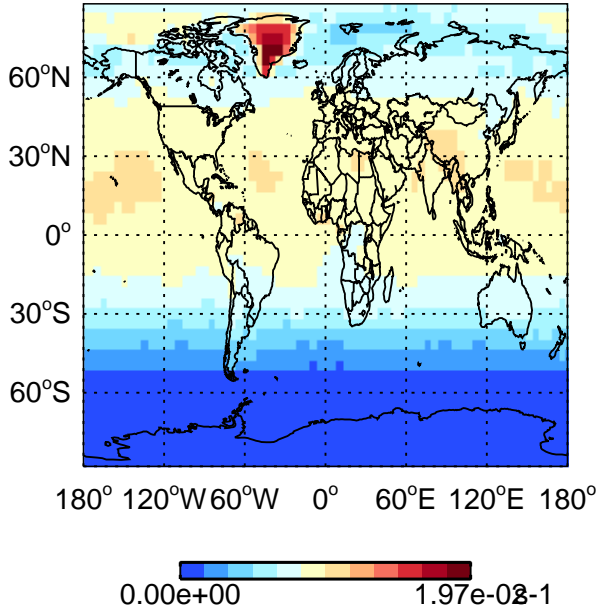
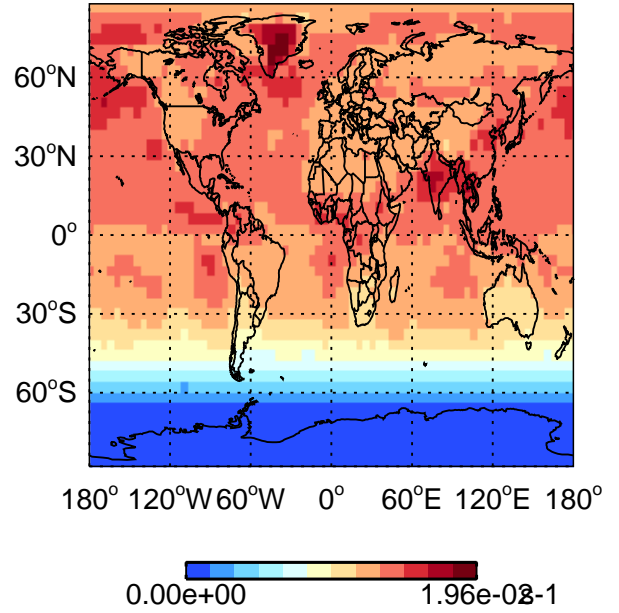


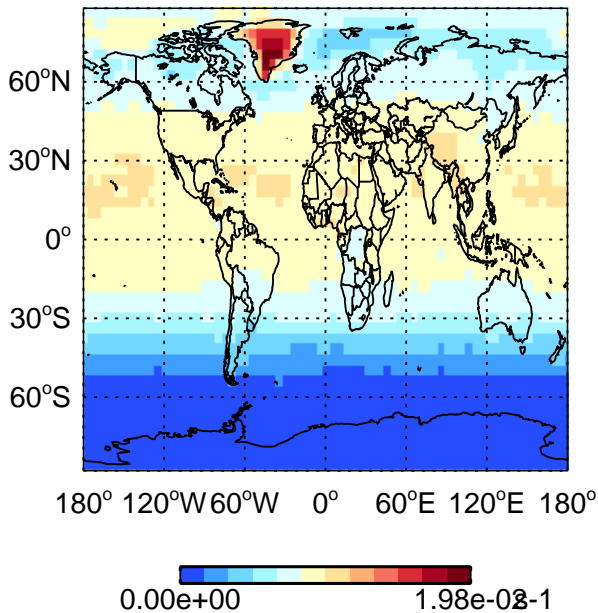
v11-02e-Run0
JNO2 - J-Value @ surface for Jul



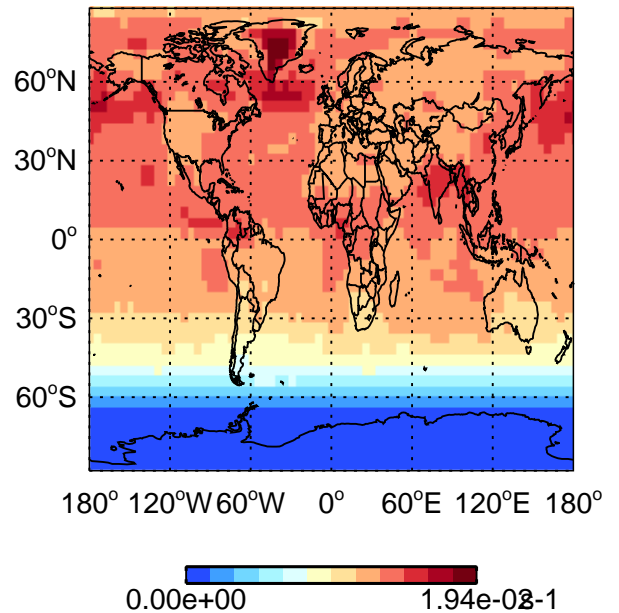
v11-02e-Run0
JNO2 - J-Value @ 500 hPa for Jul



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



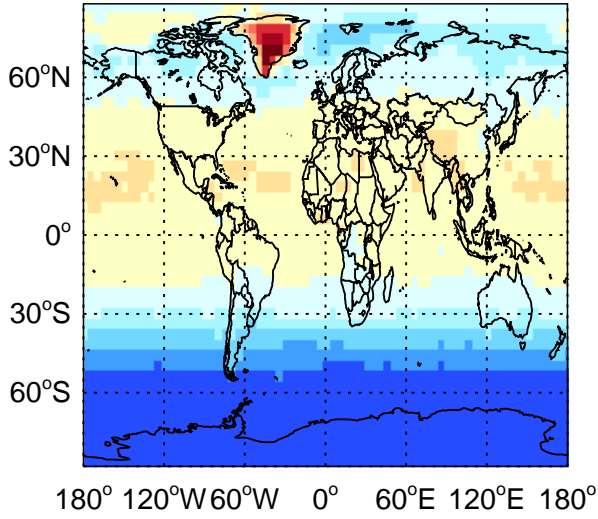
v11-02e-Run1
JNO2 - J-Value @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

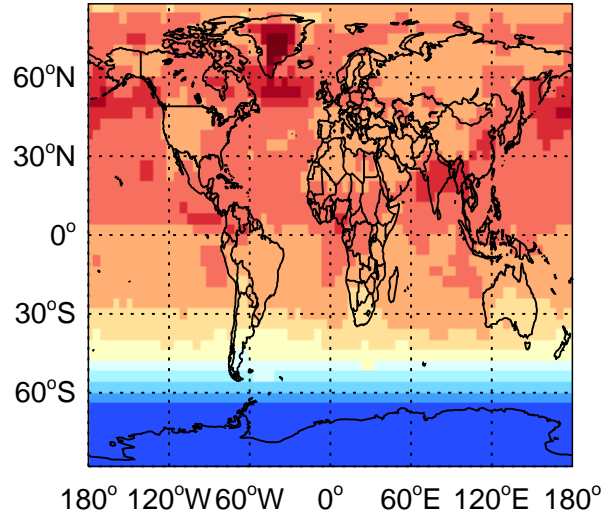
v11-02f-Run0

JNO₂ - J-Value @ surface for Jul

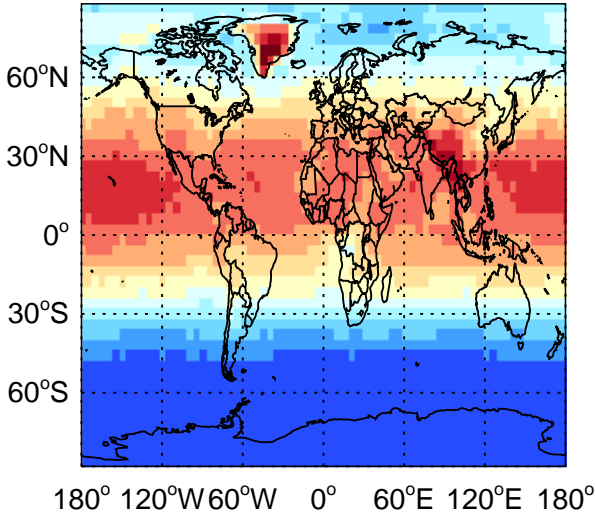


v11-02f-Run0

JNO₂ - J-Value @ 500 hPa for Jul

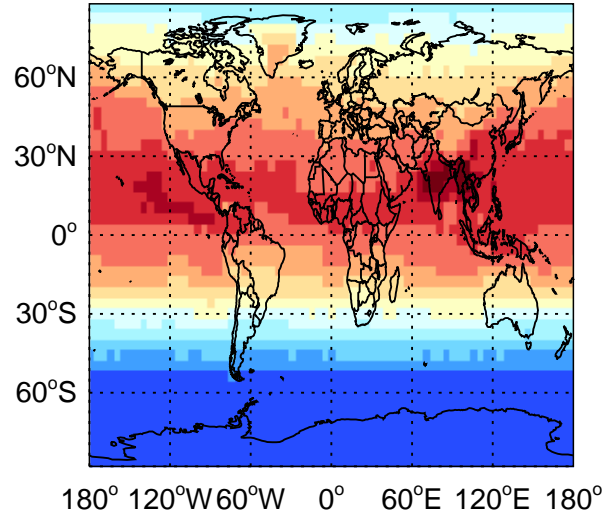


v11-02e-Run0
JHNO3 - J-Value @ surface for Jul



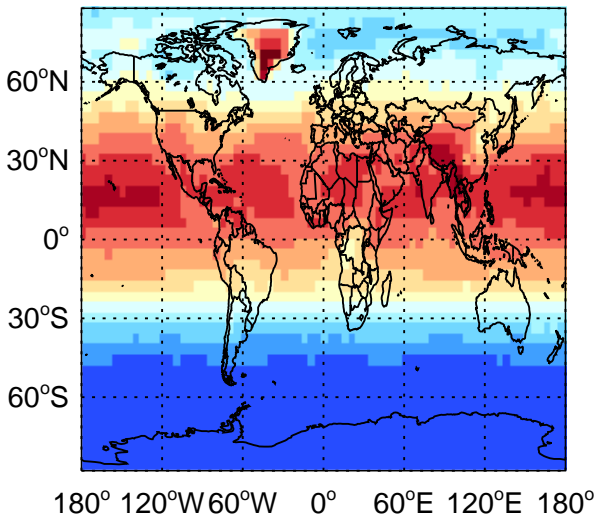
0.00e+00 1.02e-06-1

v11-02e-Run0
JHNO3 - J-Value @ 500 hPa for Jul



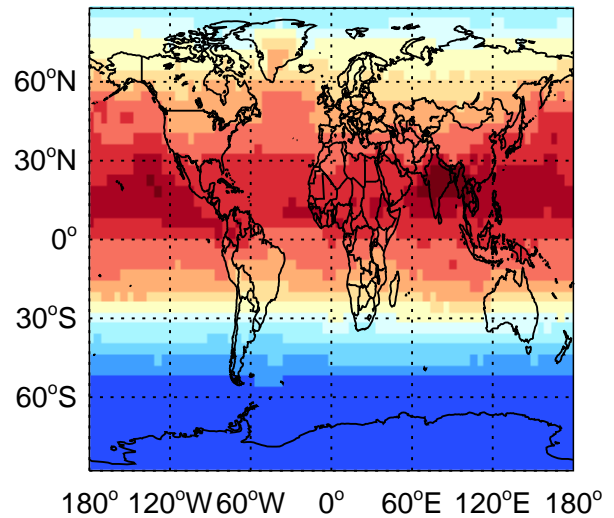
0.00e+00 1.51e-06-1

v11-02e-Run1
JHNO3 - J-Value @ surface for Jul



0.00e+00 9.92e-07-1

v11-02e-Run1
JHNO3 - J-Value @ 500 hPa for Jul

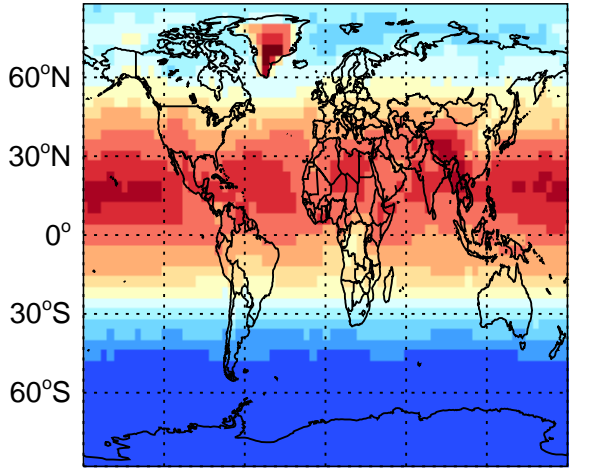


0.00e+00 1.46e-06-1

GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0

JHNO3 - J-Value @ surface for Jul

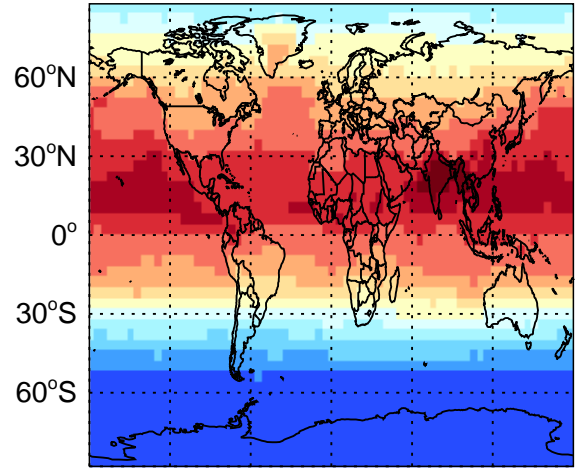


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0.00e+00 9.93e-07-1

v11-02f-Run0

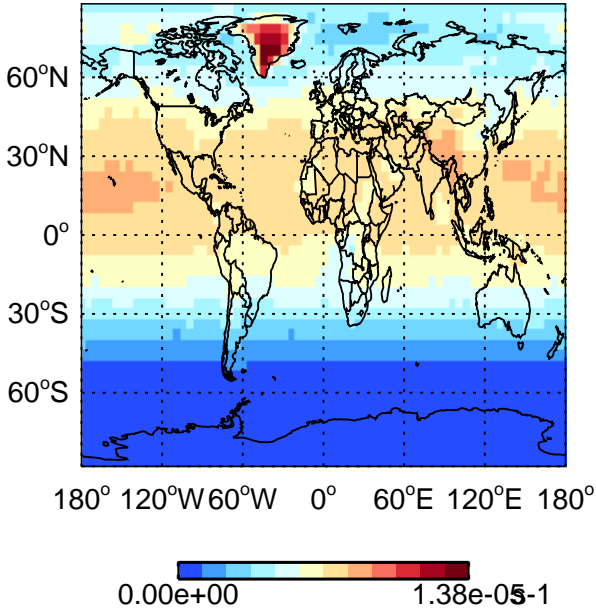
JHNO3 - J-Value @ 500 hPa for Jul



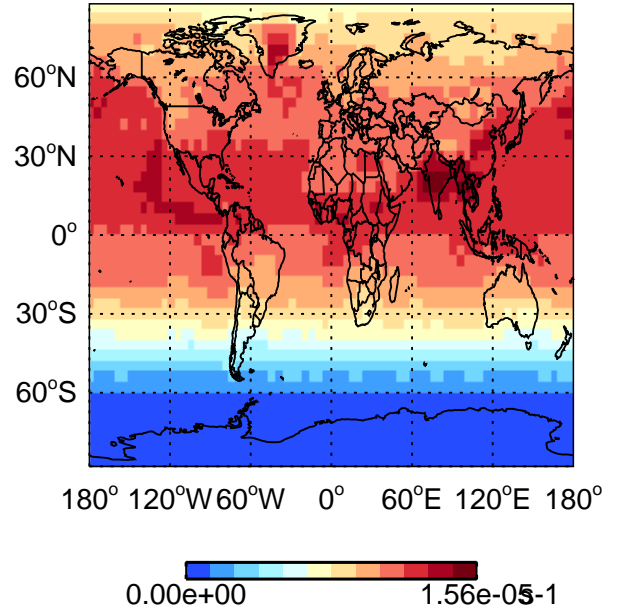
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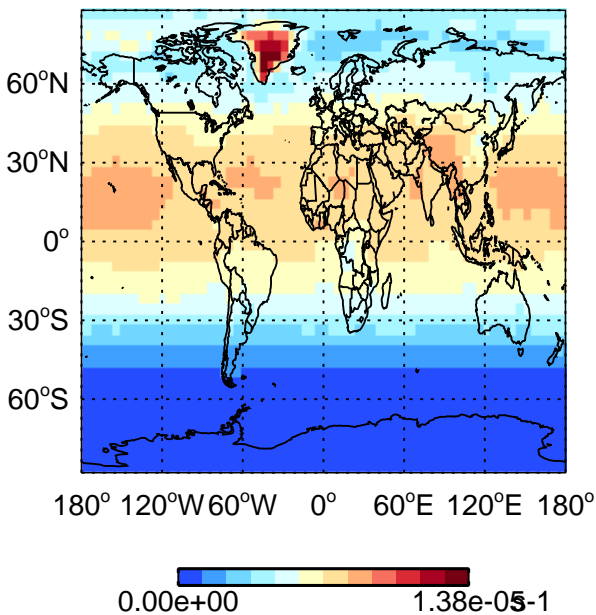
v11-02e-Run0
JH2O2 - J-Value @ surface for Jul



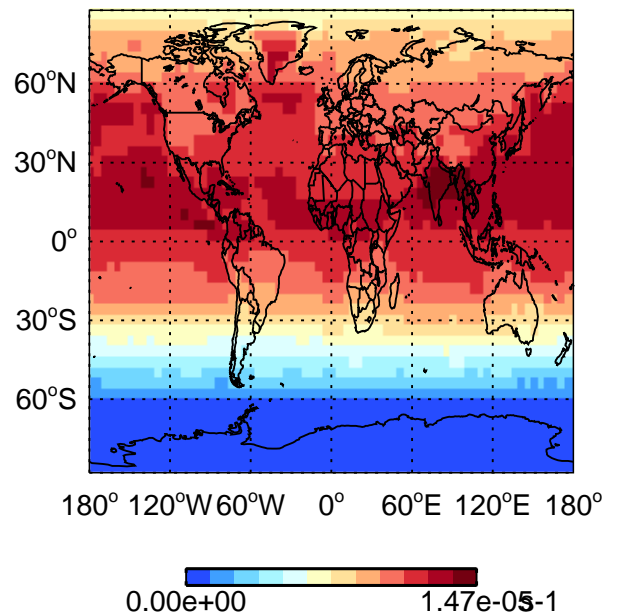
v11-02e-Run0
JH2O2 - J-Value @ 500 hPa for Jul



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



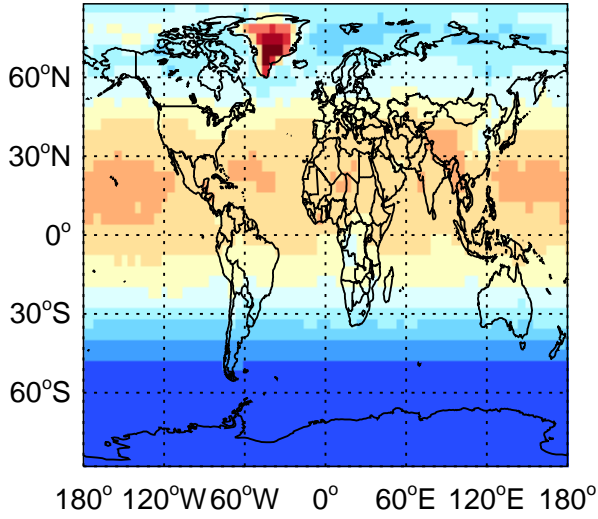
v11-02e-Run1
JH2O2 - J-Value @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

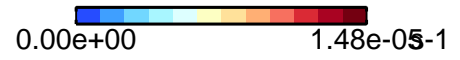
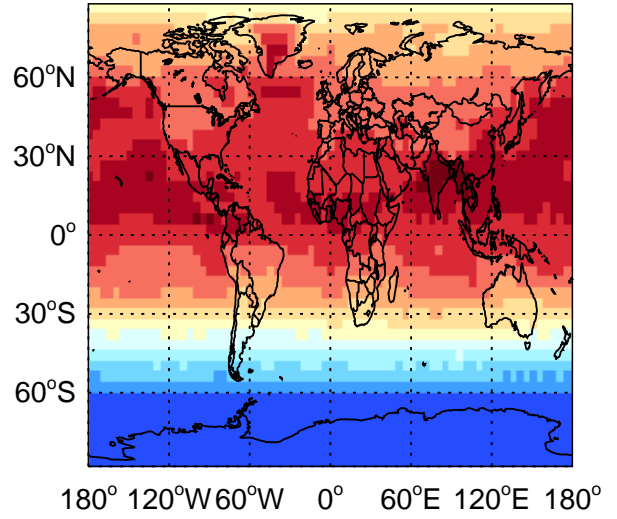
v11-02f-Run0

JH2O2 - J-Value @ surface for Jul

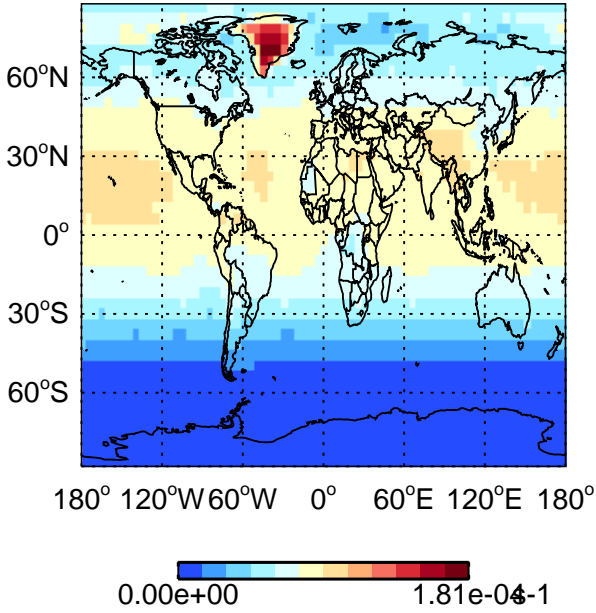


v11-02f-Run0

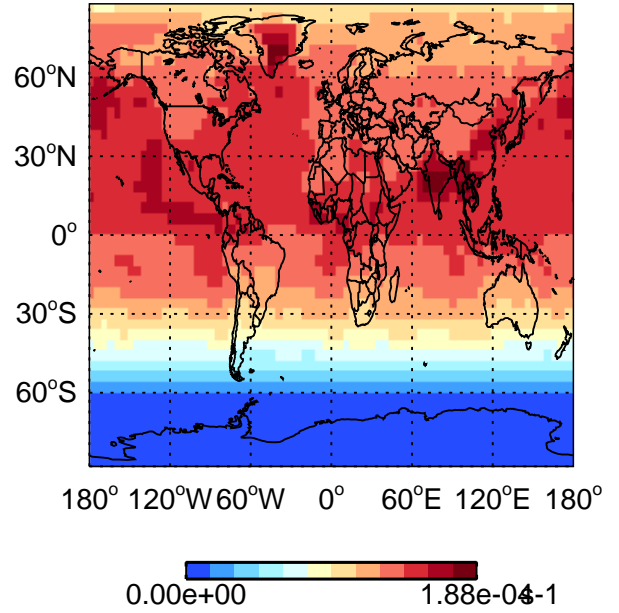
JH2O2 - J-Value @ 500 hPa for Jul



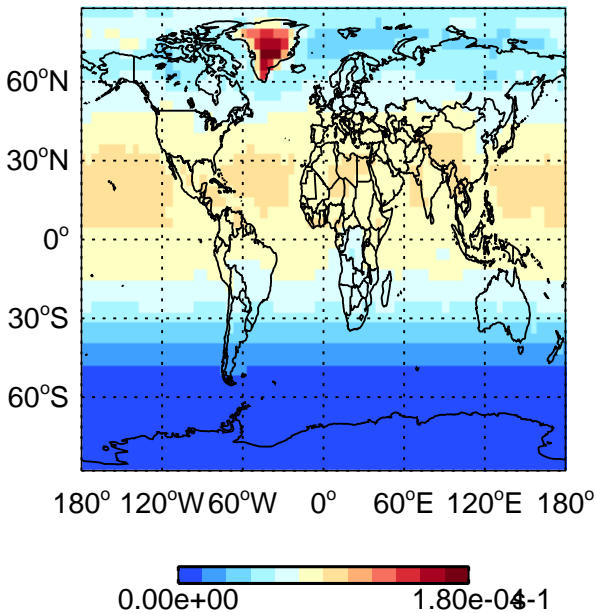
v11-02e-Run0
JCH2O - J-Value @ surface for Jul



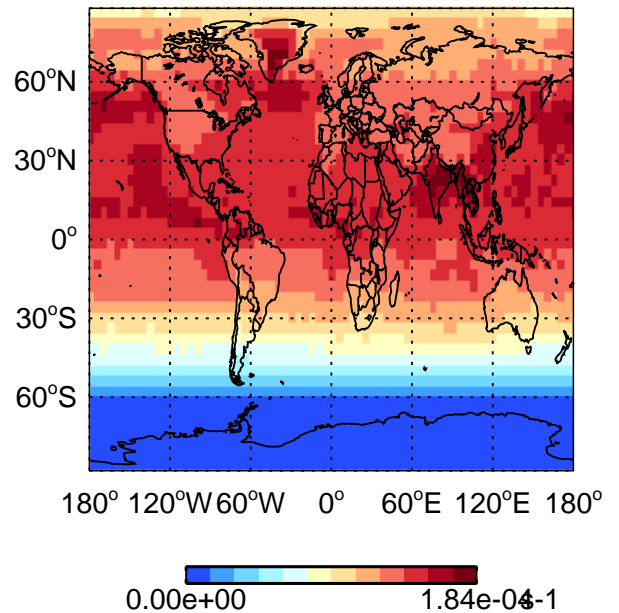
v11-02e-Run0
JCH2O - J-Value @ 500 hPa for Jul



v11-02e-Run1
JCH2O - J-Value @ surface for Jul



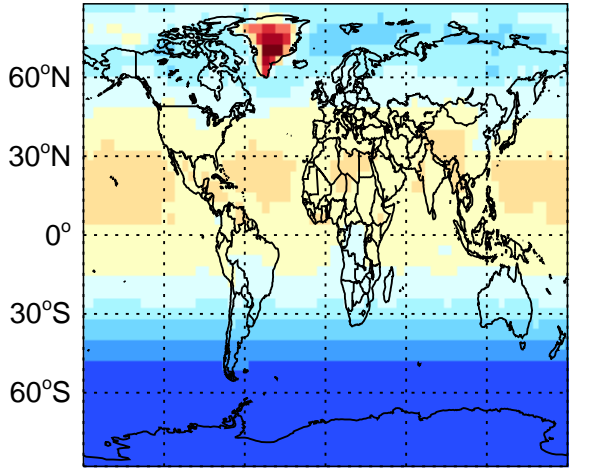
v11-02e-Run1
JCH2O - J-Value @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0

JCH2O - J-Value @ surface for Jul

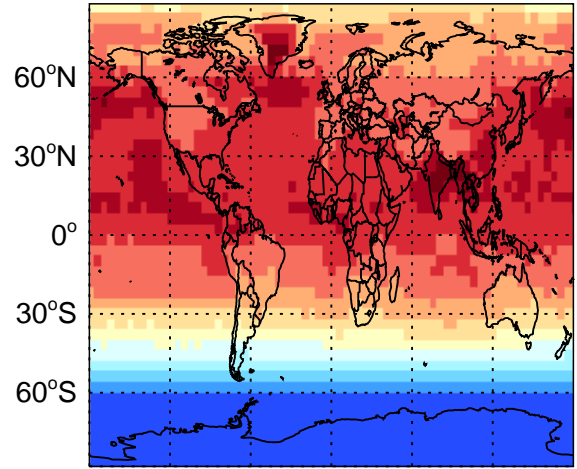


180° 120°W 60°W 0° 60°E 120°E 180°

0.00e+00 1.81e-04-1

v11-02f-Run0

JCH2O - J-Value @ 500 hPa for Jul

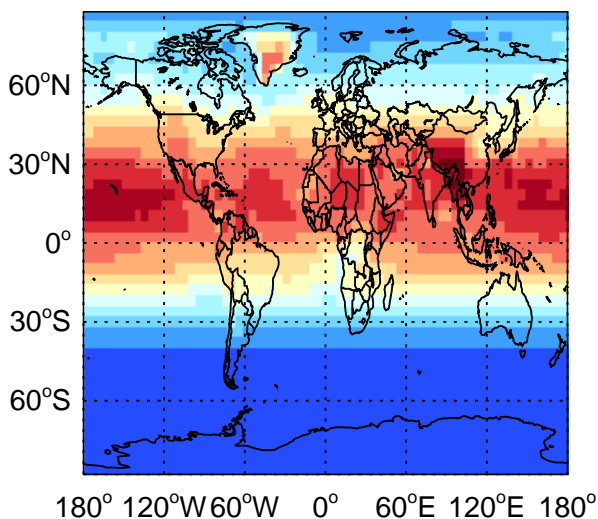


180° 120°W 60°W 0° 60°E 120°E 180°

0.00e+00 1.85e-04-1

v11-02e-Run0

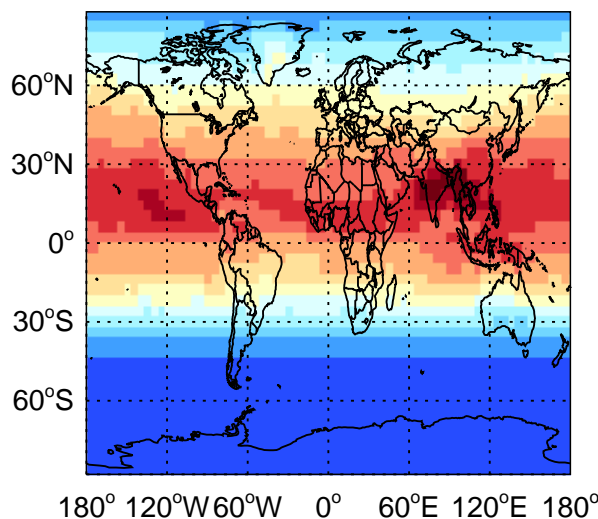
JO3_O1D - J-Value @ surface for Jul



0.00e+00 5.51e-05-1

v11-02e-Run0

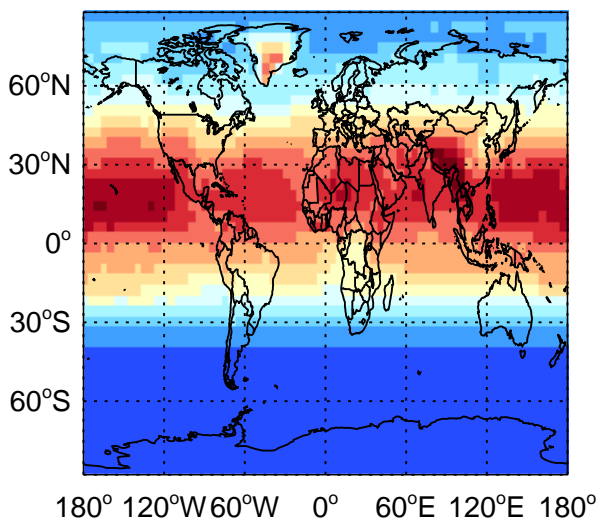
JO3_O1D - J-Value @ 500 hPa for Jul



0.00e+00 9.08e-05-1

v11-02e-Run1

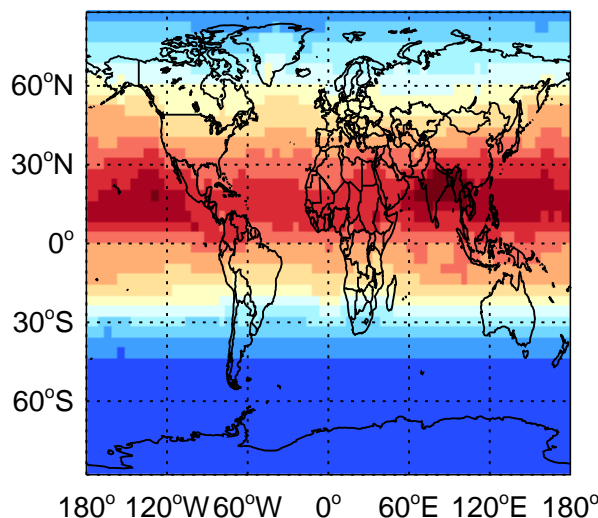
JO3_O1D - J-Value @ surface for Jul



0.00e+00 5.59e-05-1

v11-02e-Run1

JO3_O1D - J-Value @ 500 hPa for Jul



0.00e+00 9.03e-05-1

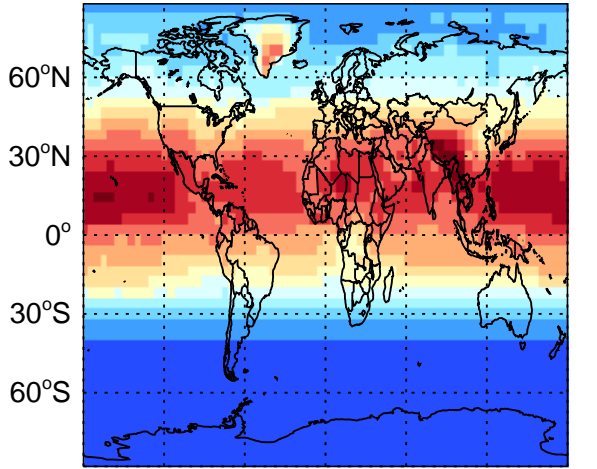
GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0

v11-02f-Run0

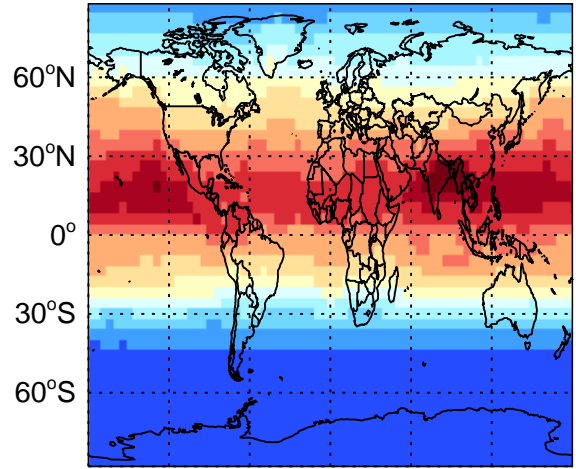
JO3_O1D - J-Value @ surface for Jul

JO3_O1D - J-Value @ 500 hPa for Jul



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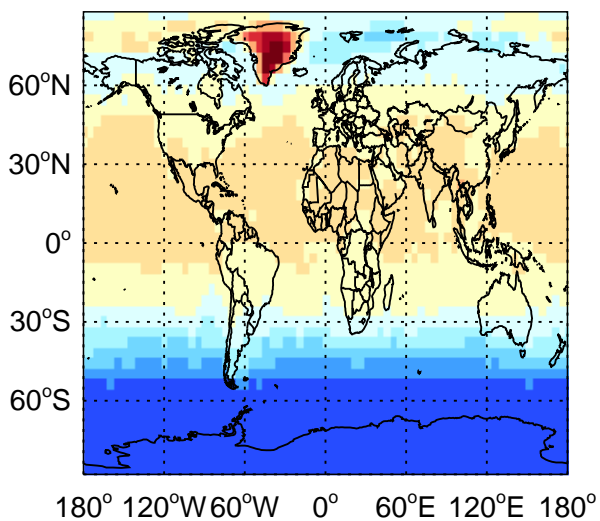


180° 120°W 60°W 0° 60°E 120°E 180°

0.00e+00 9.04e-05-1

v11-02e-Run0

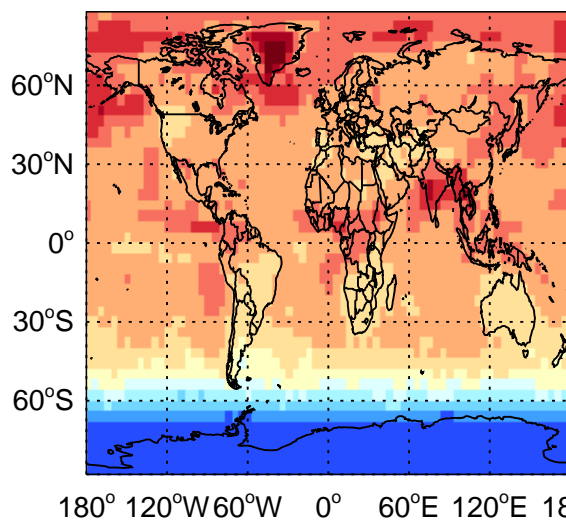
JO3_O3P - J-Value @ surface for Jul



0.00e+00 9.08e-04-1

v11-02e-Run0

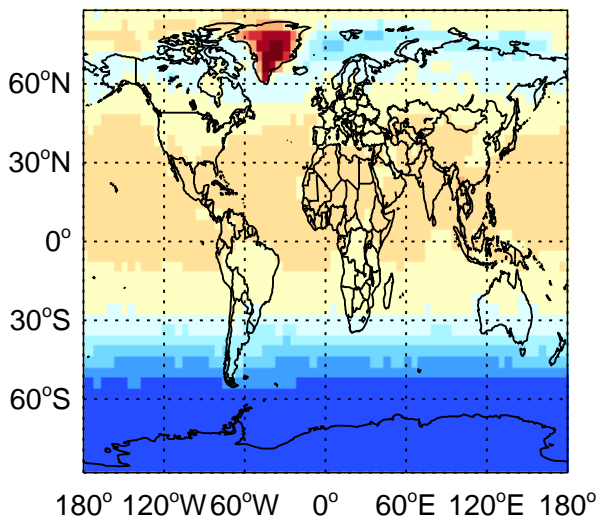
JO3_O3P - J-Value @ 500 hPa for Jul



0.00e+00 8.85e-04-1

v11-02e-Run1

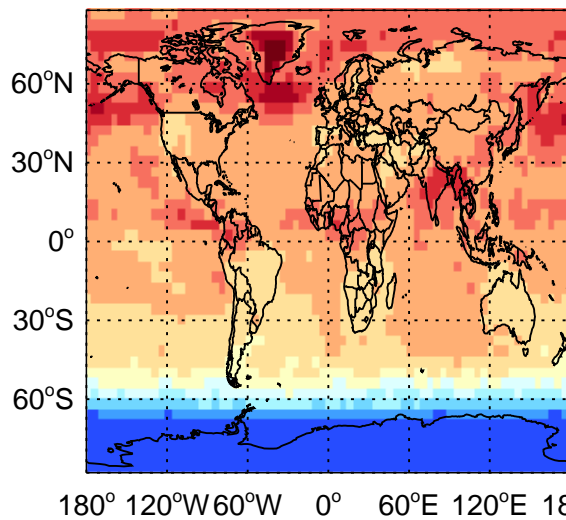
JO3_O3P - J-Value @ surface for Jul



0.00e+00 9.02e-04-1

v11-02e-Run1

JO3_O3P - J-Value @ 500 hPa for Jul



0.00e+00 8.74e-04-1

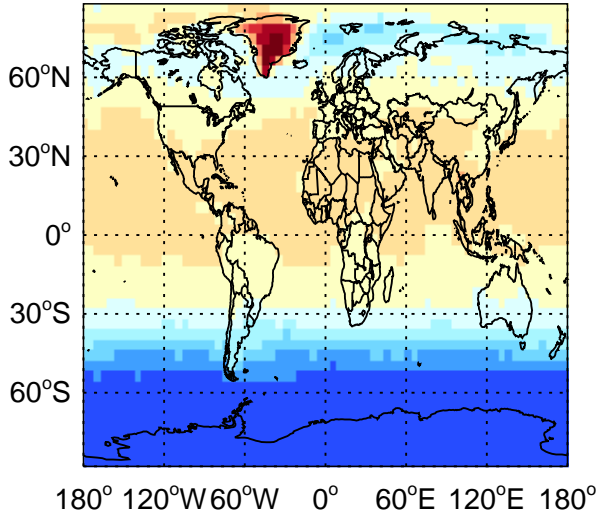
GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0

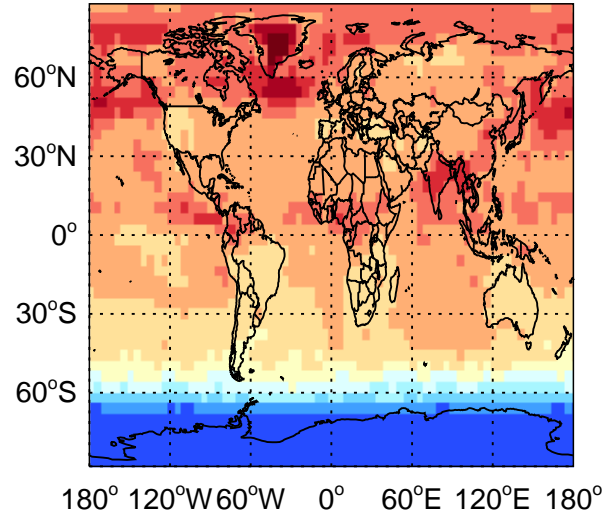
v11-02f-Run0

JO3_O3P - J-Value @ surface for Jul

JO3_O3P - J-Value @ 500 hPa for Jul

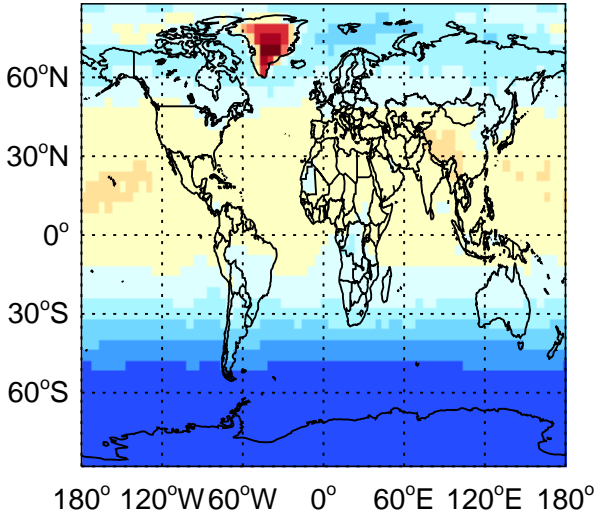


0.00e+00 9.03e-04-1



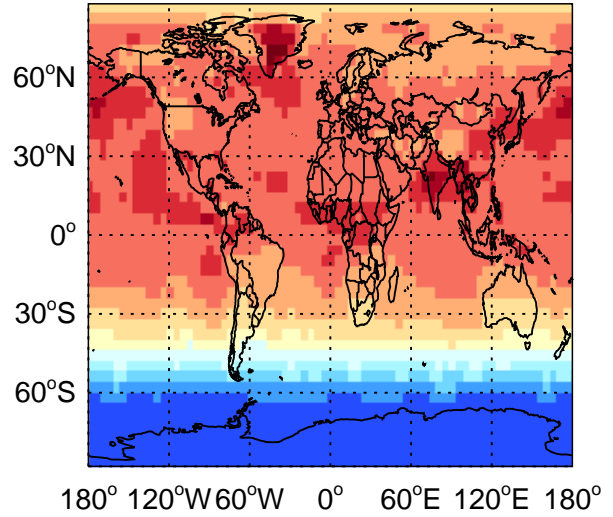
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v11-02e-Run0
JBrO - J-Value @ surface for Jul



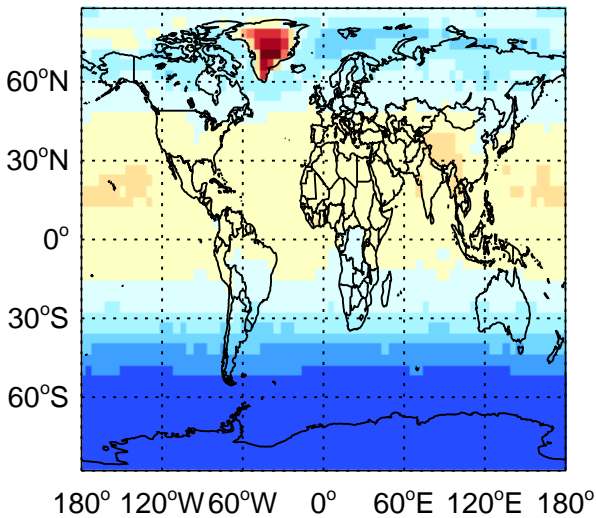
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v11-02e-Run0
JBrO - J-Value @ 500 hPa for Jul



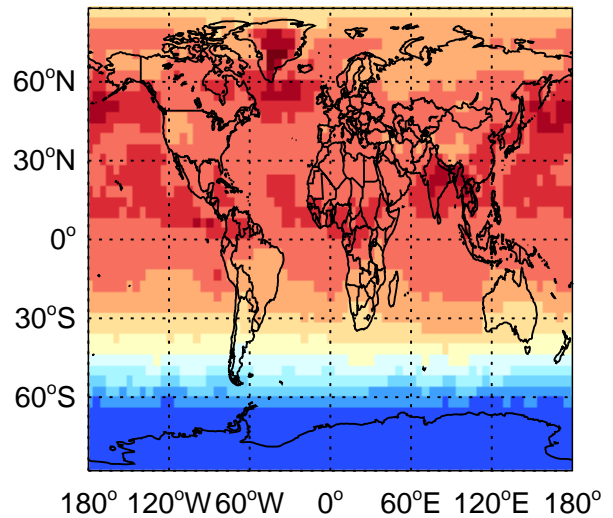
0.00e+00 8.42e-02-1

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



0.00e+00 8.21e-02-1

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

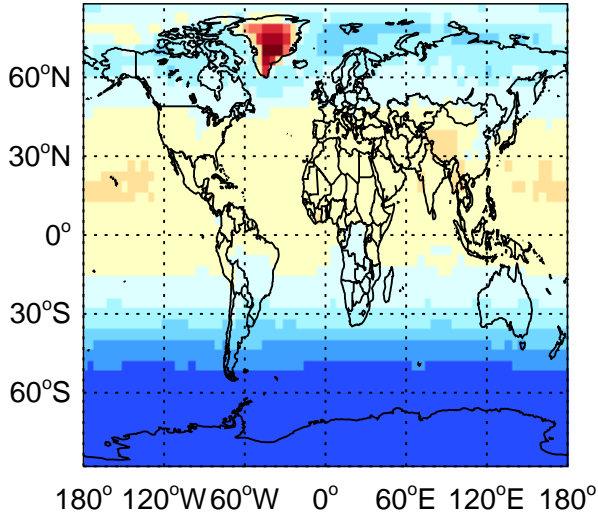


0.00e+00 8.33e-02-1

GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0

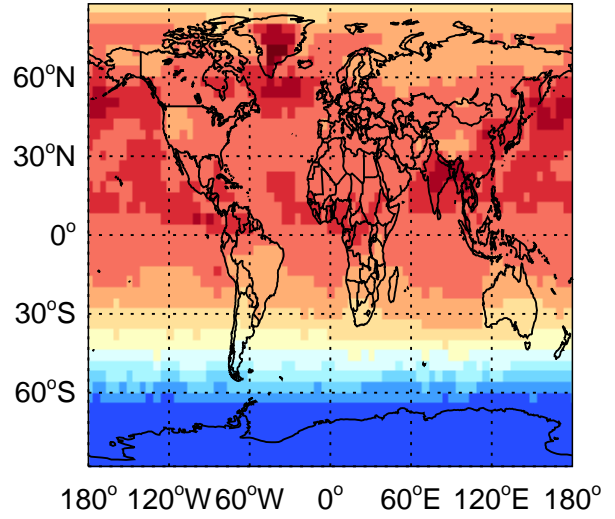
JBrO - J-Value @ surface for Jul



0.00e+00 8.21e-02-1

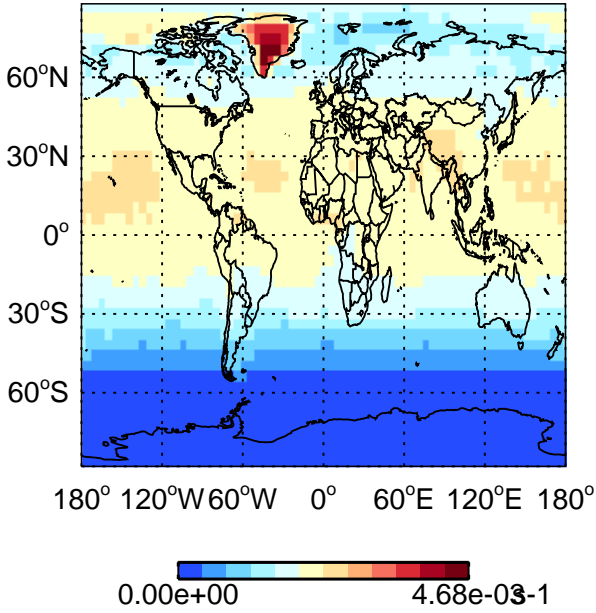
v11-02f-Run0

JBrO - J-Value @ 500 hPa for Jul

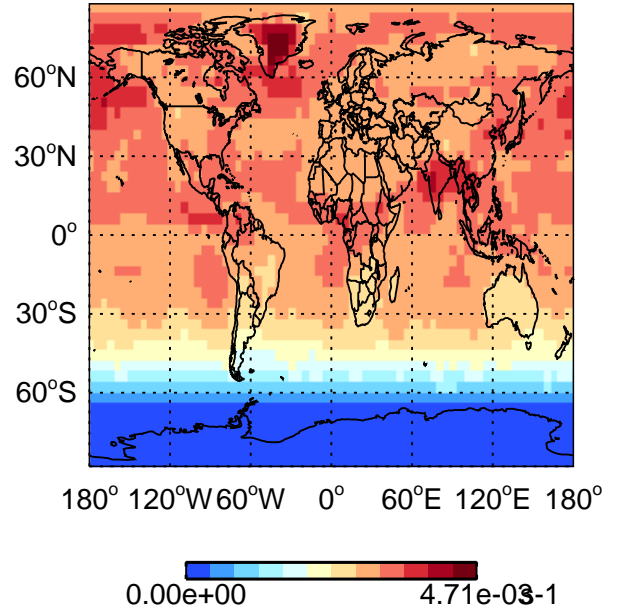


0.00e+00 8.33e-02-1

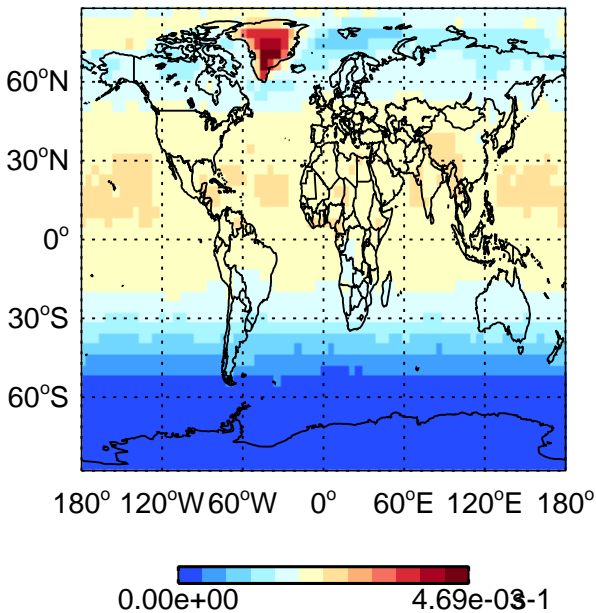
v11-02e-Run0
JHOBr - J-Value @ surface for Jul



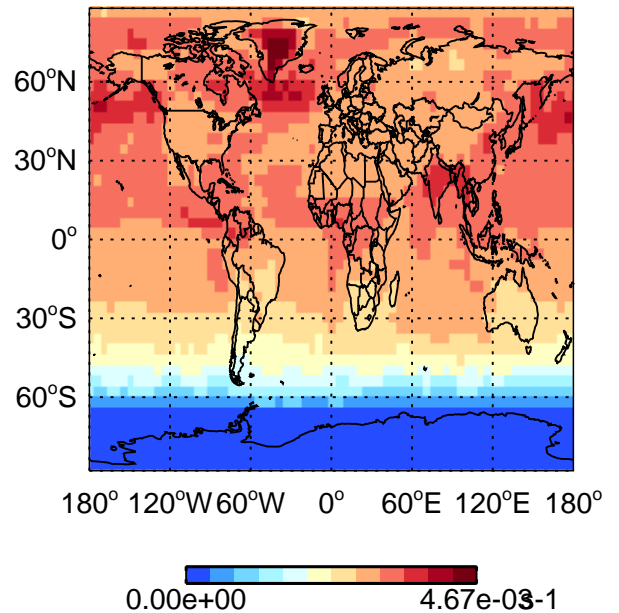
v11-02e-Run0
JHOBr - J-Value @ 500 hPa for Jul



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



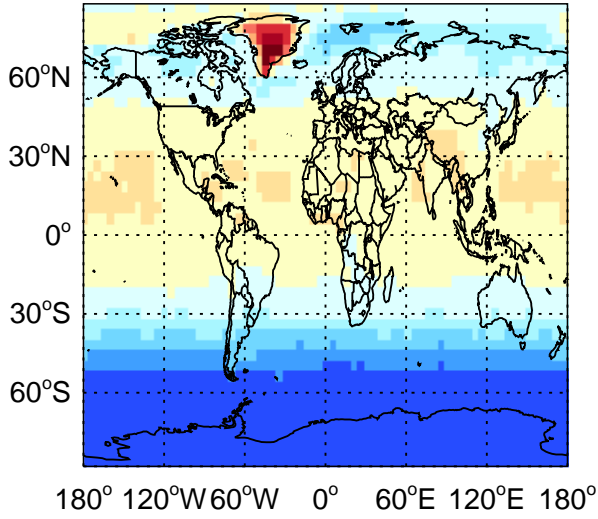
v11-02e-Run1
JHOBr - J-Value @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0

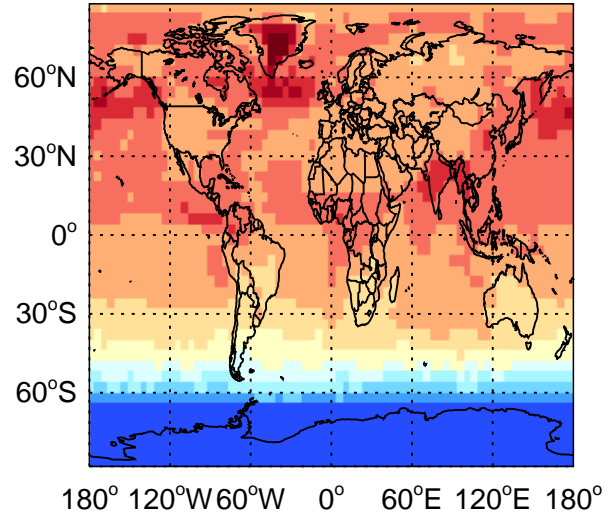
JHOBr - J-Value @ surface for Jul



0.00e+00 4.69e-03-1

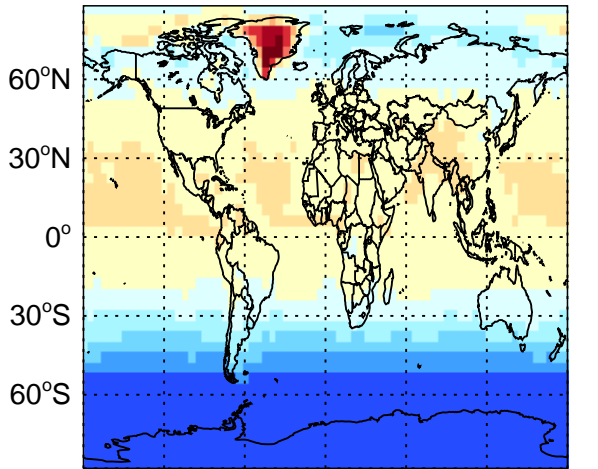
v11-02f-Run0

JHOBr - J-Value @ 500 hPa for Jul



0.00e+00 4.67e-03-1

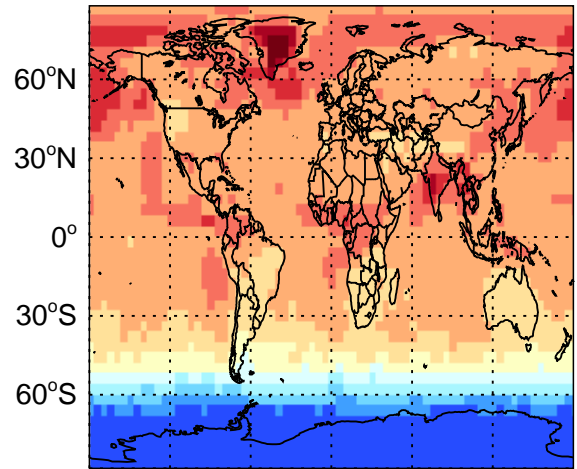
v11-02e-Run0
JBrNO2 - J-Value @ surface for Jul



180° 120°W 60°W 0° 60°E 120°E 180°

0.00e+00 1.36e-02-1

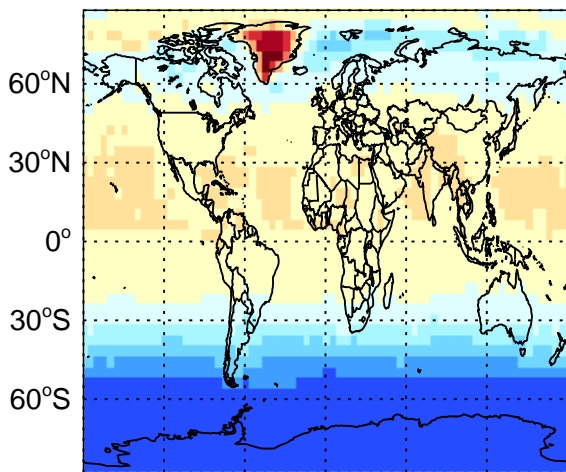
v11-02e-Run0
JBrNO2 - J-Value @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°

0.00e+00 1.35e-02-1

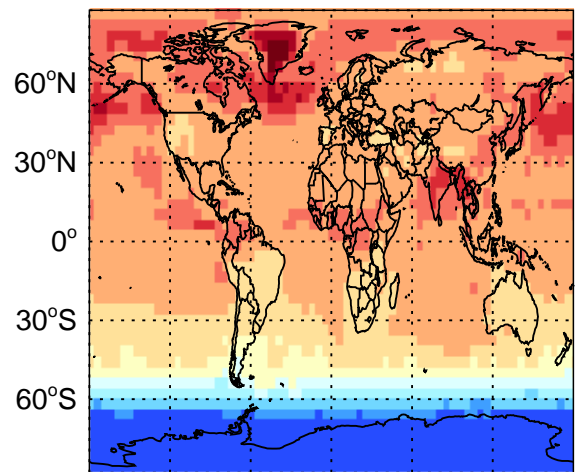
v11-02e-Run1
JBrNO2 - J-Value @ surface for Jul



180° 120°W 60°W 0° 60°E 120°E 180°

0.00e+00 1.36e-02-1

v11-02e-Run1
JBrNO2 - J-Value @ 500 hPa for Jul



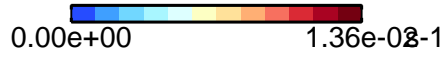
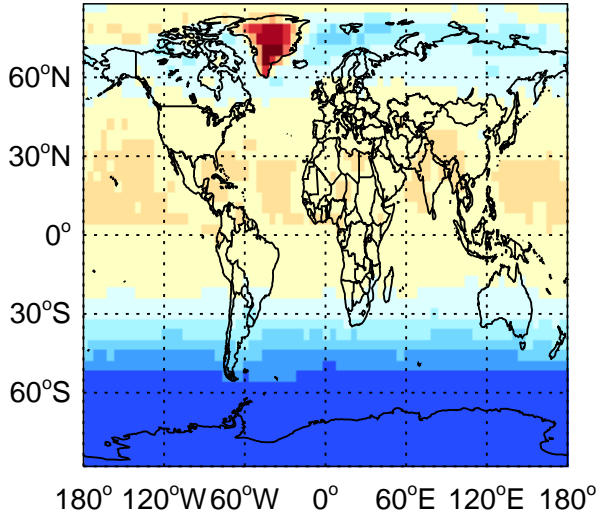
180° 120°W 60°W 0° 60°E 120°E 180°

0.00e+00 1.34e-02-1

GEOS-Chem J-Values at surface and 500 hPa

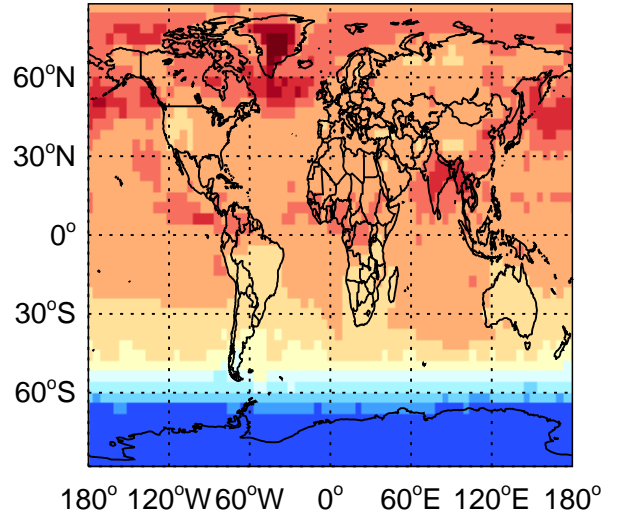
v11-02f-Run0

JBrNO2 - J-Value @ surface for Jul



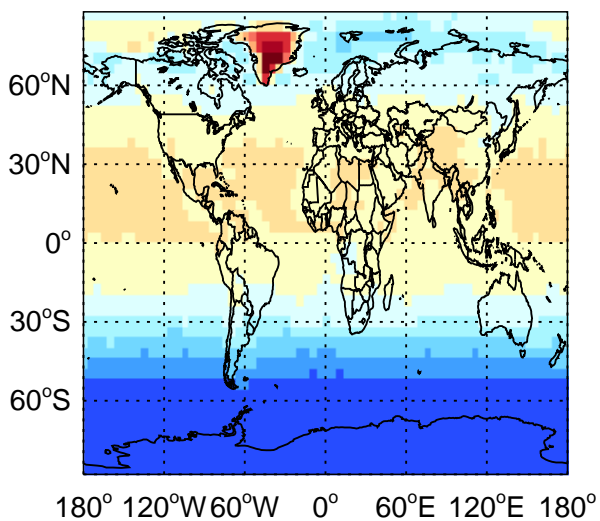
v11-02f-Run0

JBrNO2 - J-Value @ 500 hPa for Jul



v11-02e-Run0

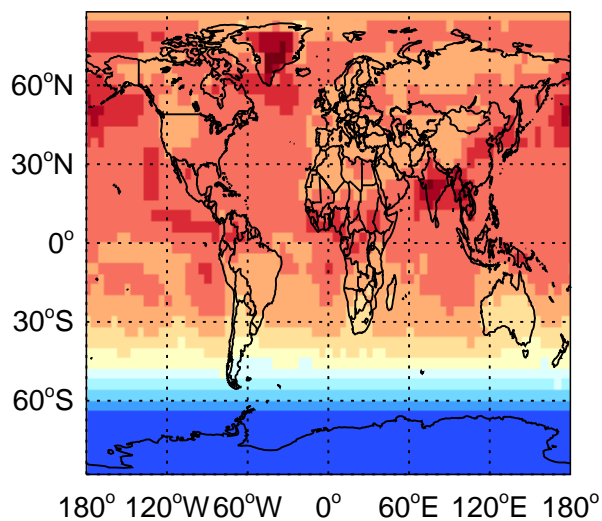
JBrNO3 - J-Value @ surface for Jul



0.00e+00 2.85e-03-1

v11-02e-Run0

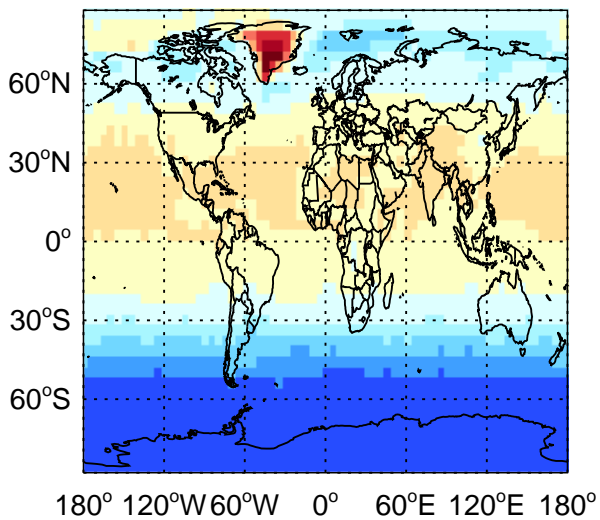
JBrNO3 - J-Value @ 500 hPa for Jul



0.00e+00 2.82e-03-1

v11-02e-Run1

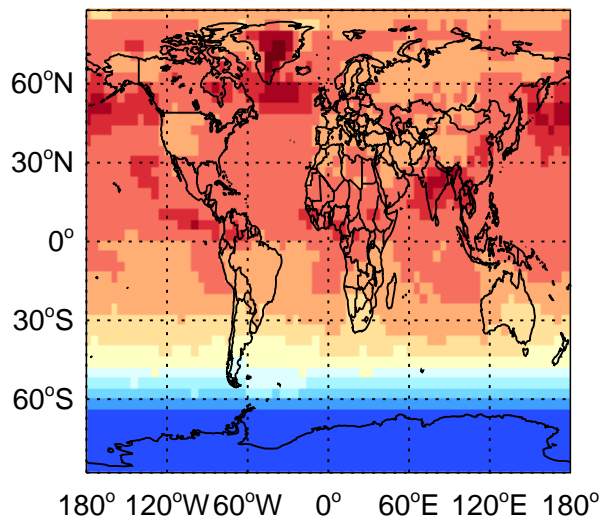
JBrNO3 - J-Value @ surface for Jul



0.00e+00 2.85e-03-1

v11-02e-Run1

JBrNO3 - J-Value @ 500 hPa for Jul

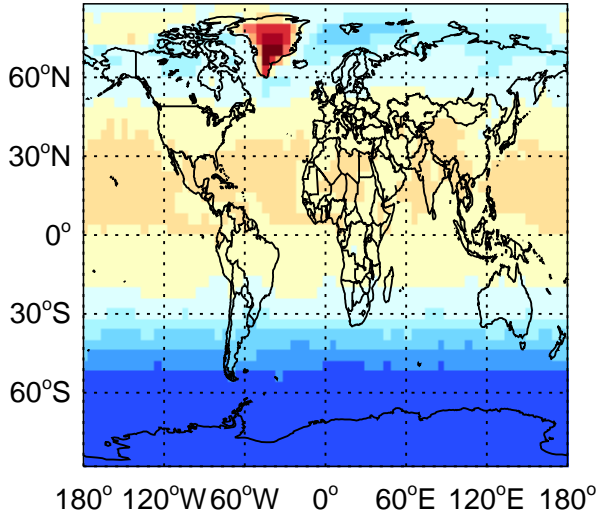


0.00e+00 2.79e-03-1

GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0

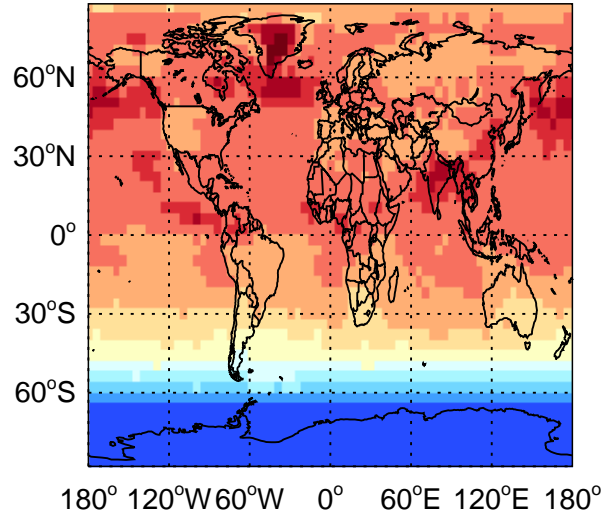
JBrNO3 - J-Value @ surface for Jul



0.00e+00 2.85e-03-1

v11-02f-Run0

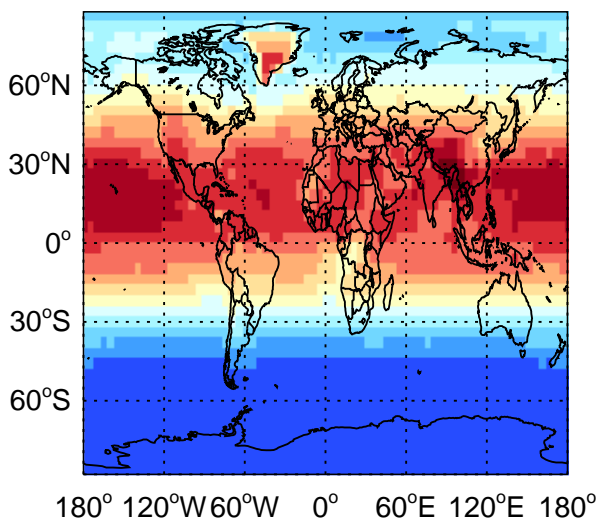
JBrNO3 - J-Value @ 500 hPa for Jul



0.00e+00 2.79e-03-1

v11-02e-Run0

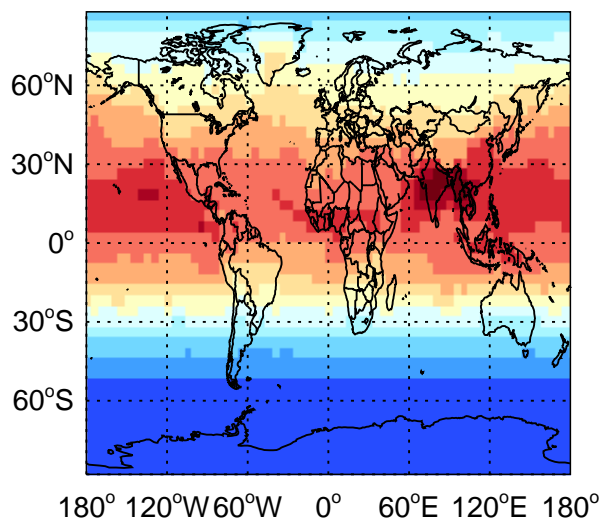
JCHBr3 - J-Value @ surface for Jul



0.00e+00 1.79e-06-1

v11-02e-Run0

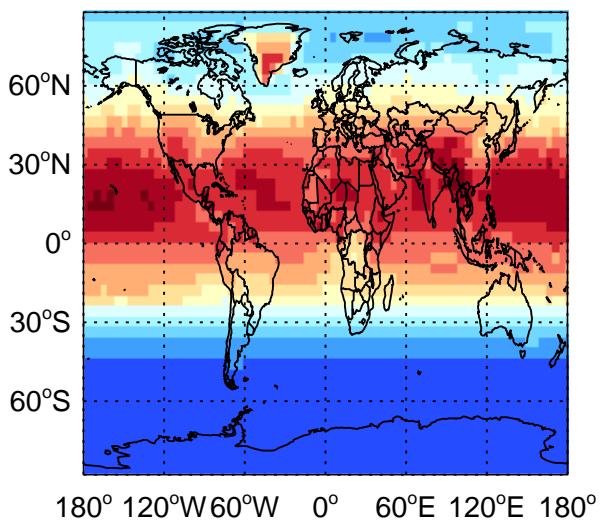
JCHBr3 - J-Value @ 500 hPa for Jul



0.00e+00 2.49e-06-1

v11-02e-Run1

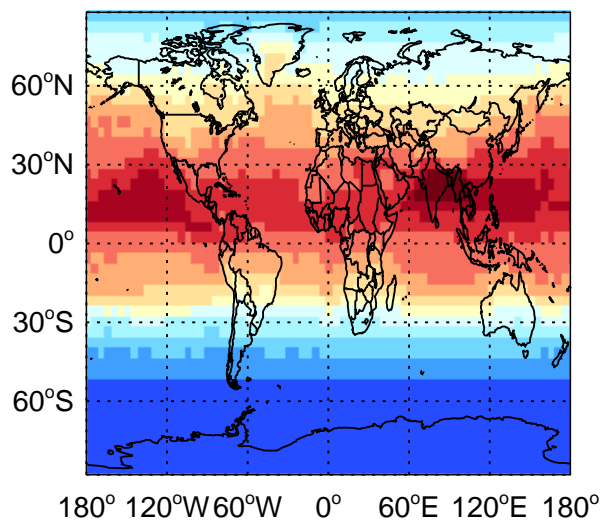
JCHBr3 - J-Value @ surface for Jul



0.00e+00 1.83e-06-1

v11-02e-Run1

JCHBr3 - J-Value @ 500 hPa for Jul

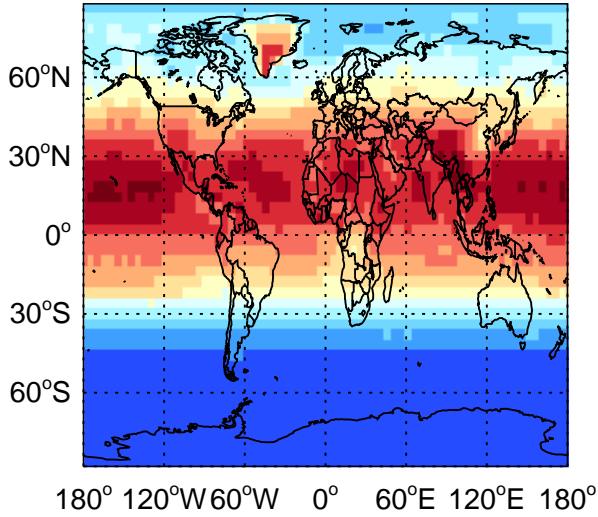


0.00e+00 2.44e-06-1

GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0

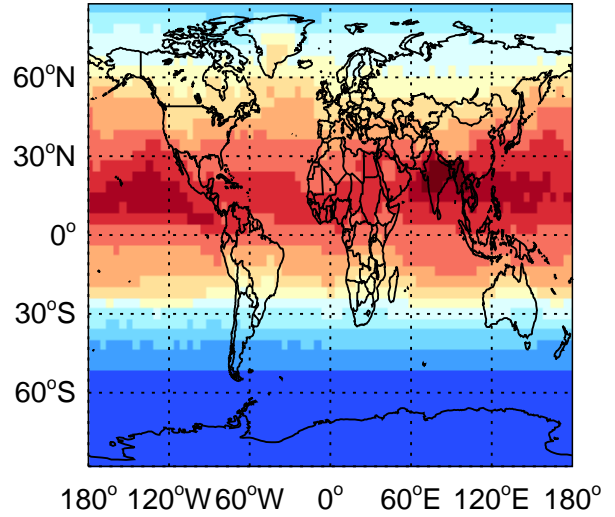
JCHBr3 - J-Value @ surface for Jul



0.00e+00 1.80e-06-1

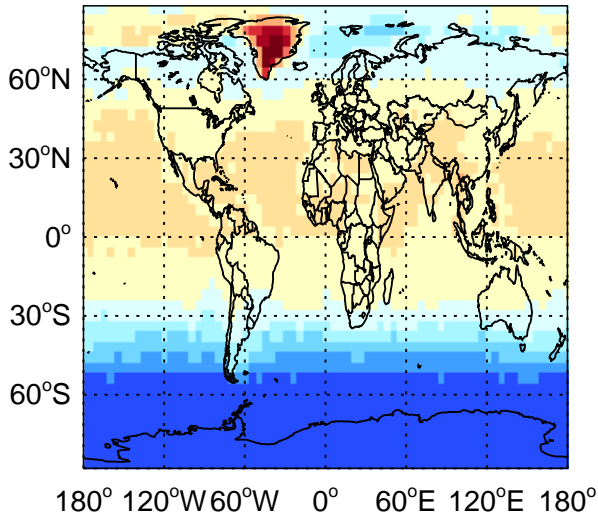
v11-02f-Run0

JCHBr3 - J-Value @ 500 hPa for Jul



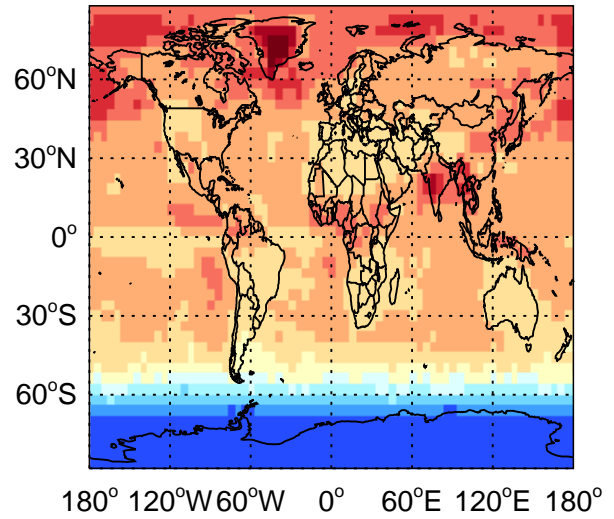
0.00e+00 2.45e-06-1

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



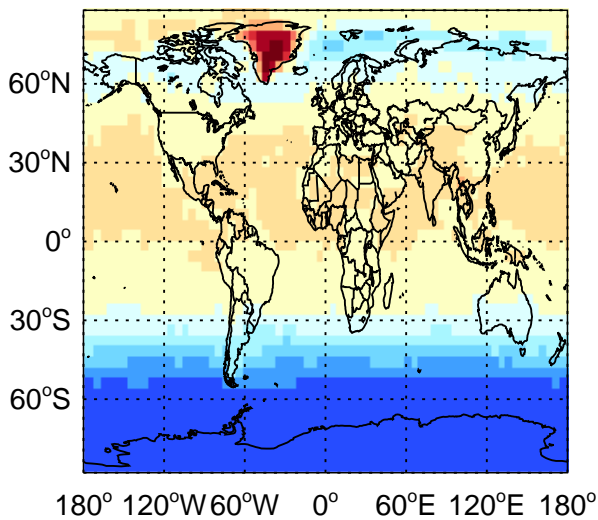
0.00e+00 6.88e-02-1

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



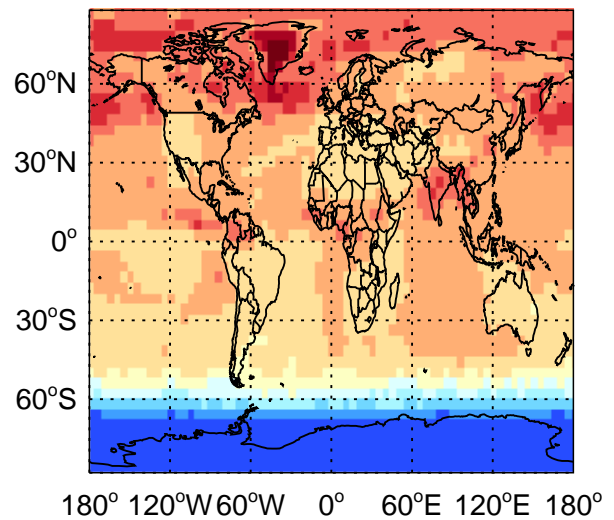
0.00e+00 6.74e-02-1

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



0.00e+00 6.85e-02-1

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

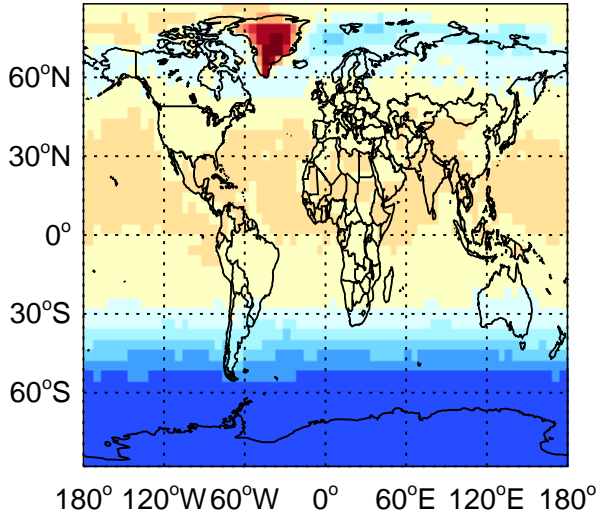


0.00e+00 6.67e-02-1

GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0

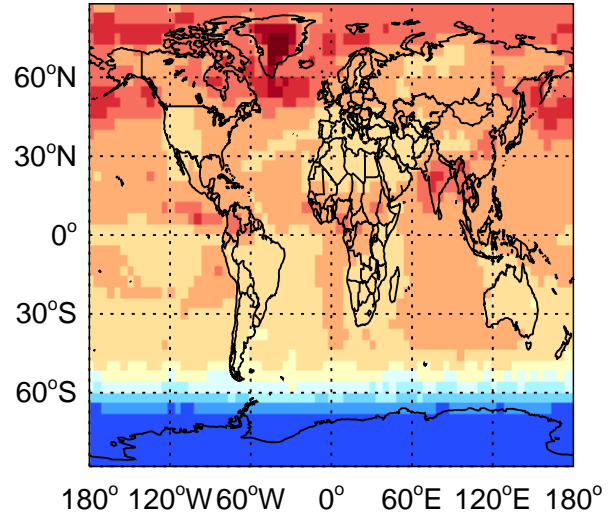
JBr2 - J-Value @ surface for Jul



0.00e+00 6.86e-02-1

v11-02f-Run0

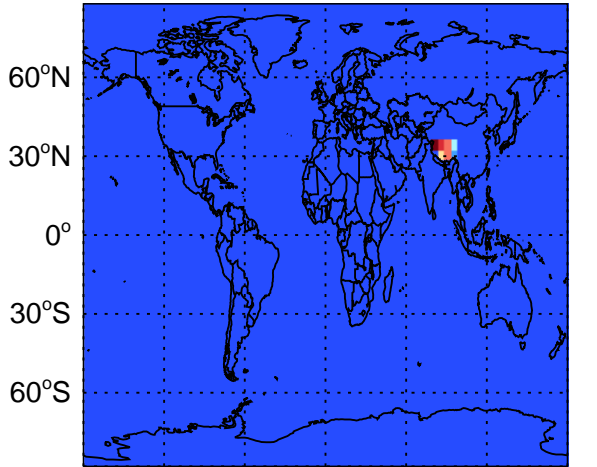
JBr2 - J-Value @ 500 hPa for Jul



0.00e+00 6.68e-02-1

v11-02e-Run0

JO2 - J-Value @ surface for Jul

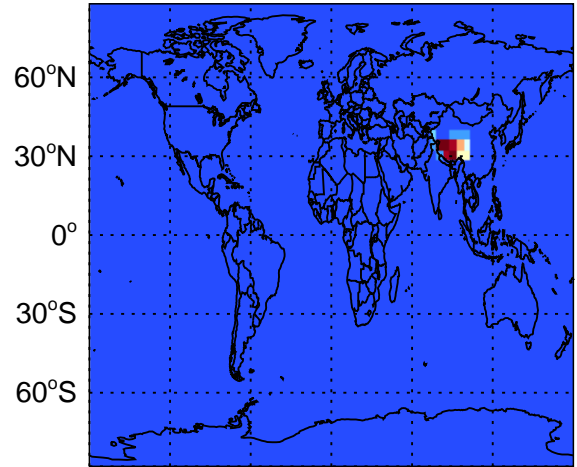


180° 120°W 60°W 0° 60°E 120°E 180°

0.00e+00 8.93e-25-1

v11-02e-Run0

JO2 - J-Value @ 500 hPa for Jul

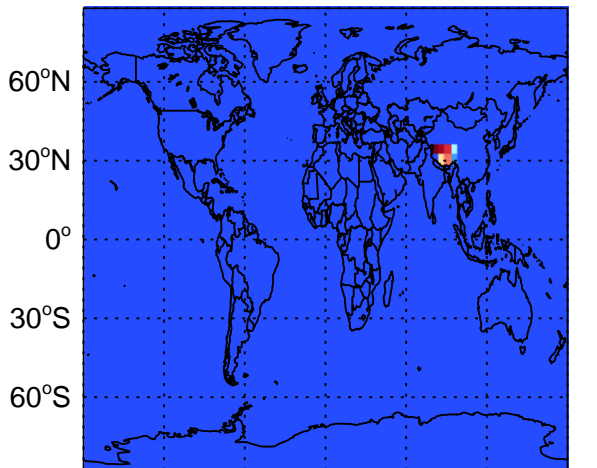


180° 120°W 60°W 0° 60°E 120°E 180°

0.00e+00 7.23e-18-1

v11-02e-Run1

JO2 - J-Value @ surface for Jul

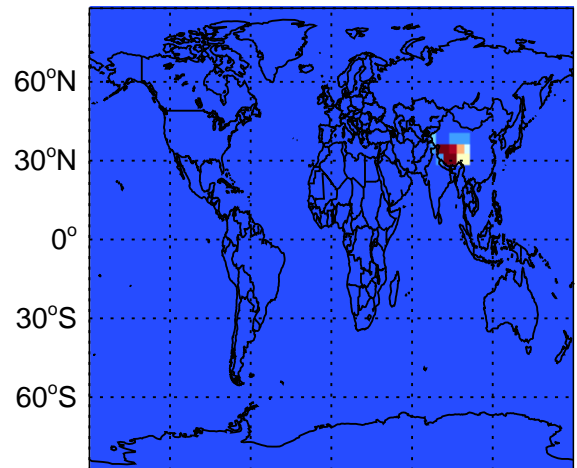


180° 120°W 60°W 0° 60°E 120°E 180°

0.00e+00 8.91e-25-1

v11-02e-Run1

JO2 - J-Value @ 500 hPa for Jul



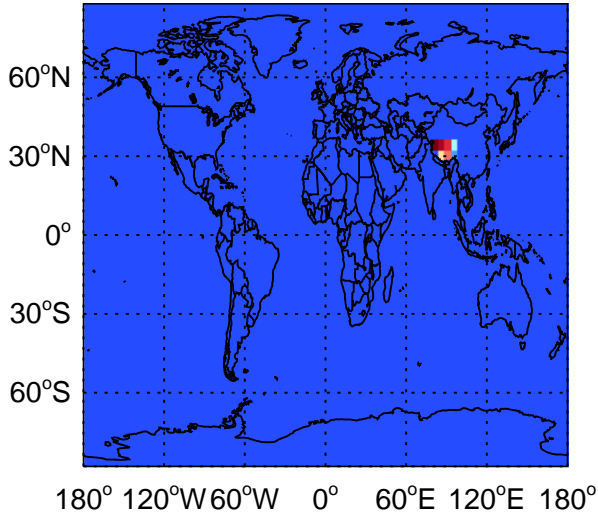
180° 120°W 60°W 0° 60°E 120°E 180°

0.00e+00 7.33e-18-1

GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0

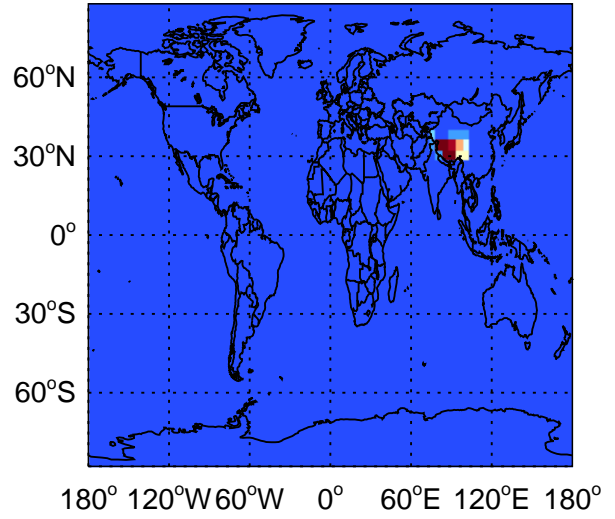
JO2 - J-Value @ surface for Jul



0.00e+00 8.45e-2 s⁻¹

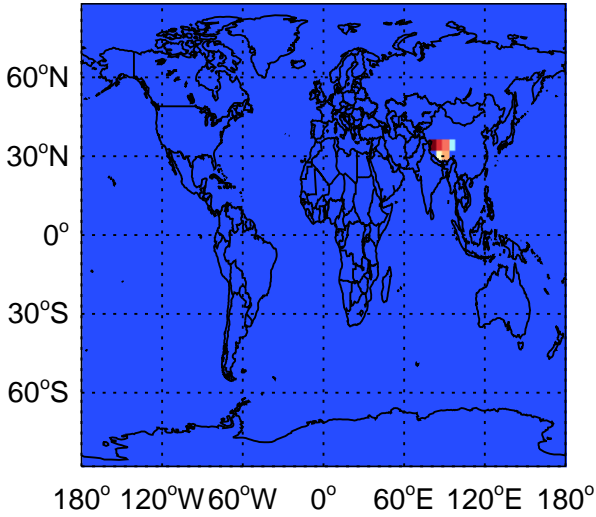
v11-02f-Run0

JO2 - J-Value @ 500 hPa for Jul

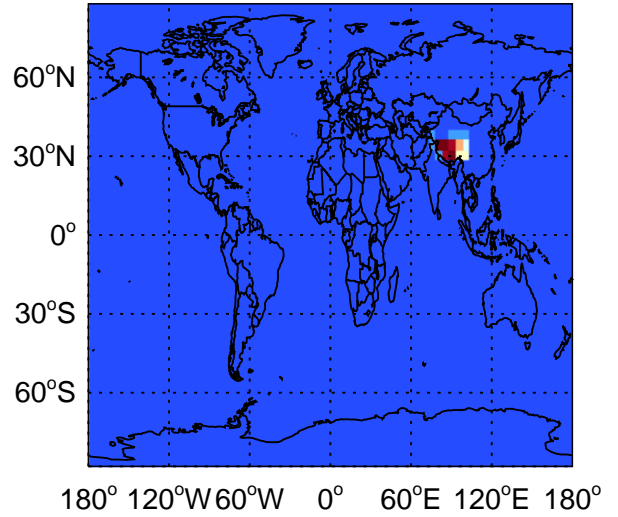


0.00e+00 7.11e-1 s⁻¹

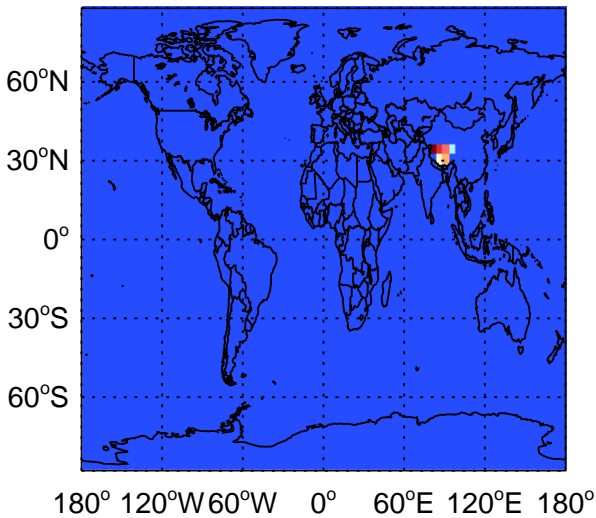
v11-02e-Run0
JN2O - J-Value @ surface for Jul



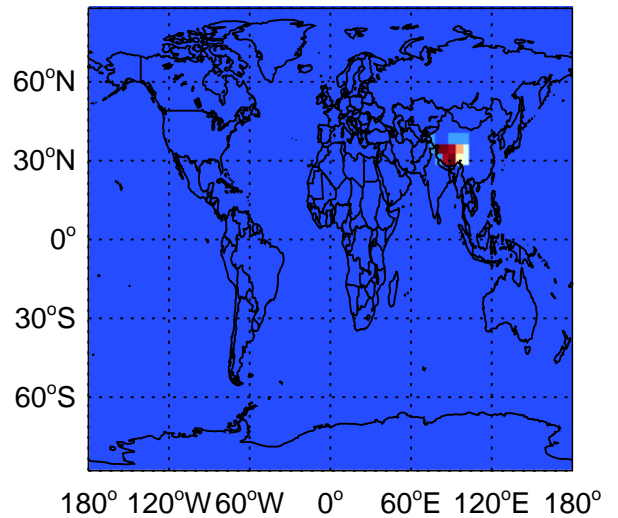
v11-02e-Run0
JN2O - J-Value @ 500 hPa for Jul



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



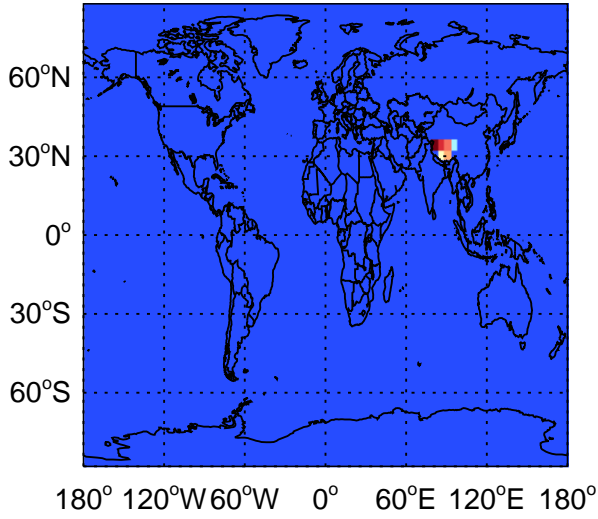
v11-02e-Run1
JN2O - J-Value @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0

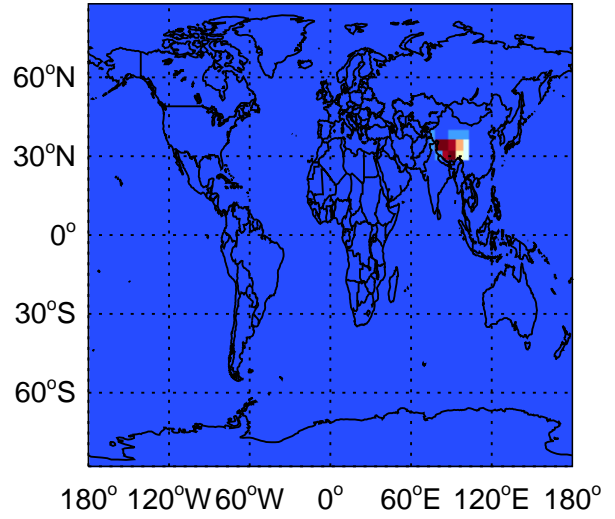
JN2O - J-Value @ surface for Jul



0.00e+00 1.03e-13-1

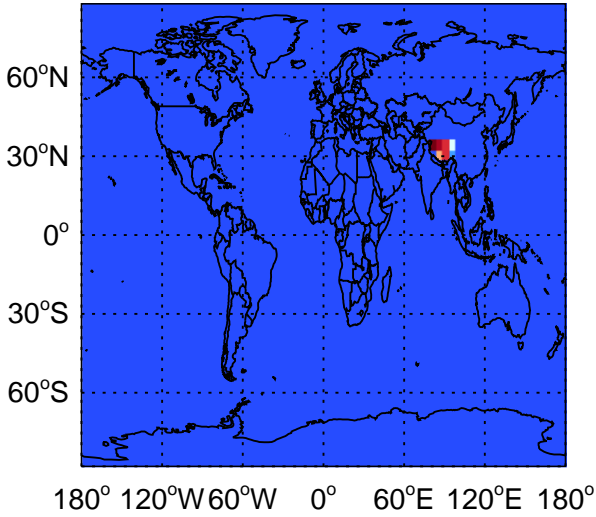
v11-02f-Run0

JN2O - J-Value @ 500 hPa for Jul



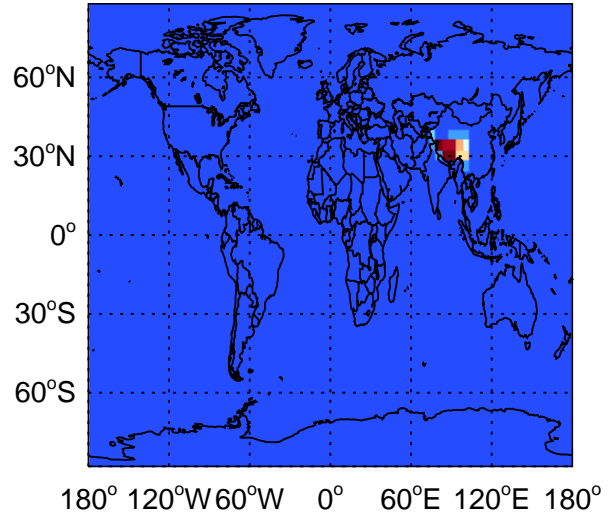
0.00e+00 1.17e-14-1

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



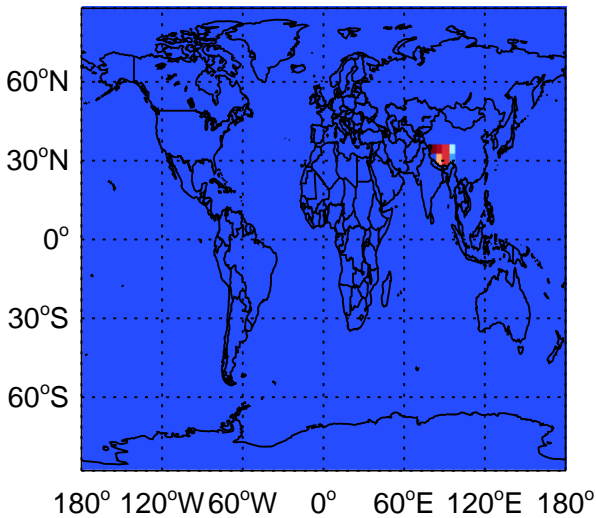
0.00e+00 2.95e-18-1

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



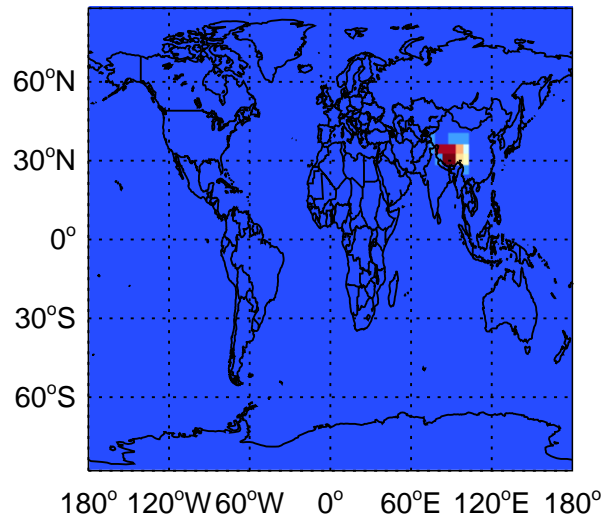
0.00e+00 1.47e-15-1

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



0.00e+00 3.05e-18-1

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

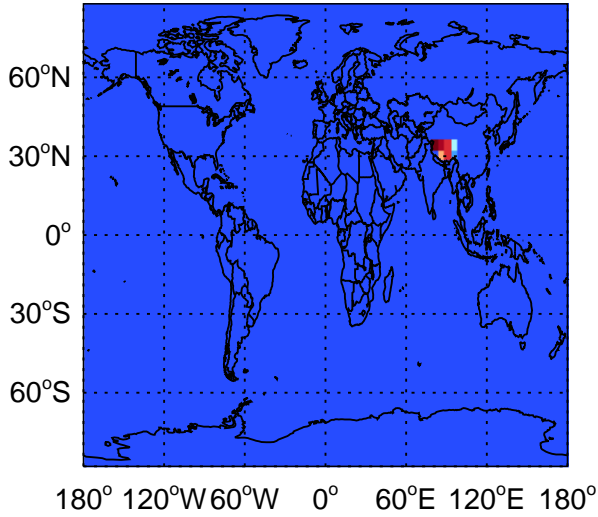


0.00e+00 1.59e-15-1

GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0

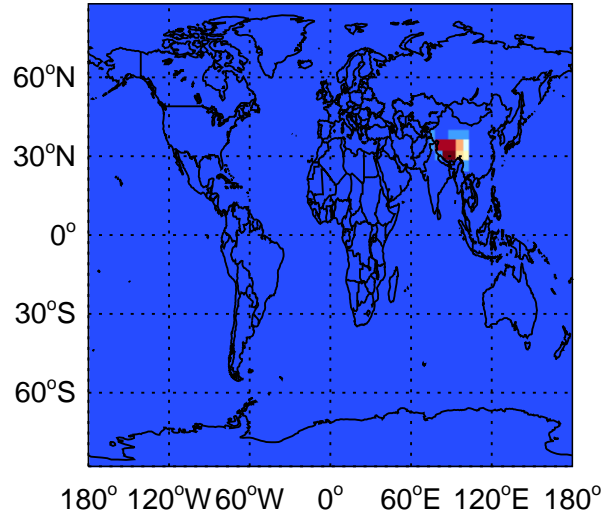
JNO - J-Value @ surface for Jul



0.00e+00 2.86e-13

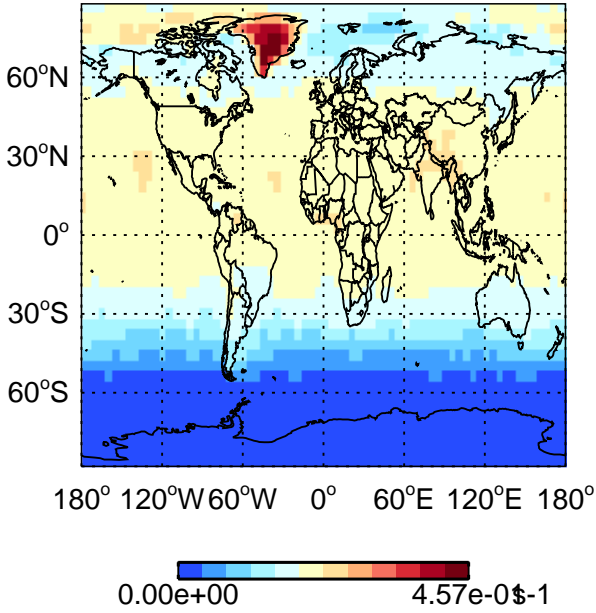
v11-02f-Run0

JNO - J-Value @ 500 hPa for Jul

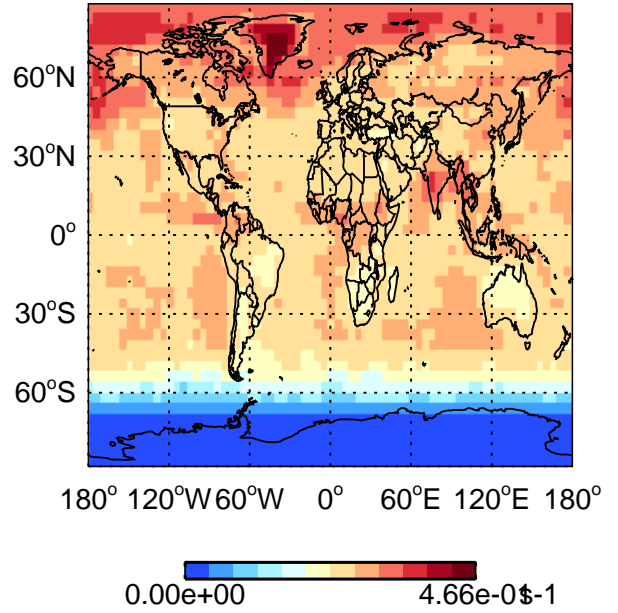


0.00e+00 1.52e-13

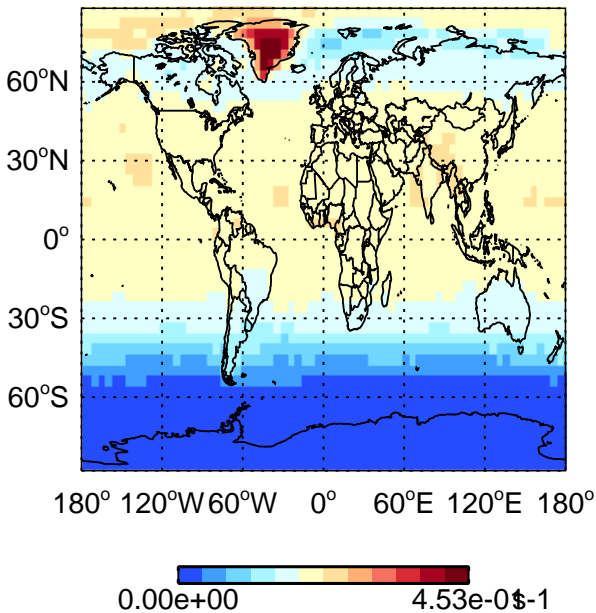
v11-02e-Run0
JNO3 - J-Value @ surface for Jul



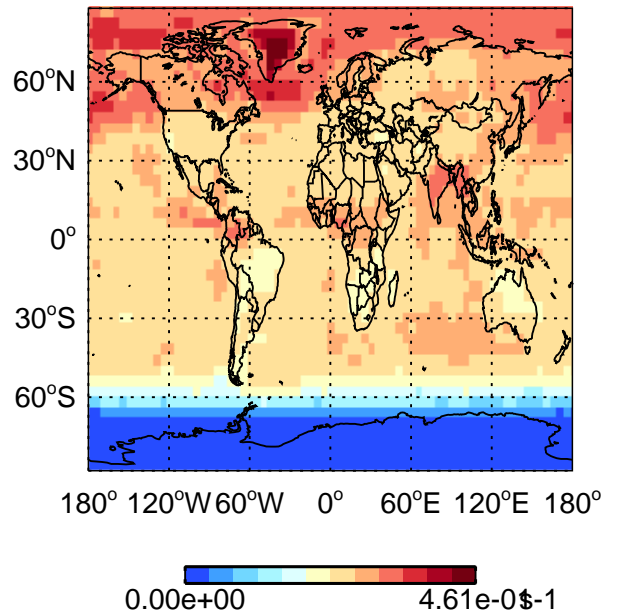
v11-02e-Run0
JNO3 - J-Value @ 500 hPa for Jul



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



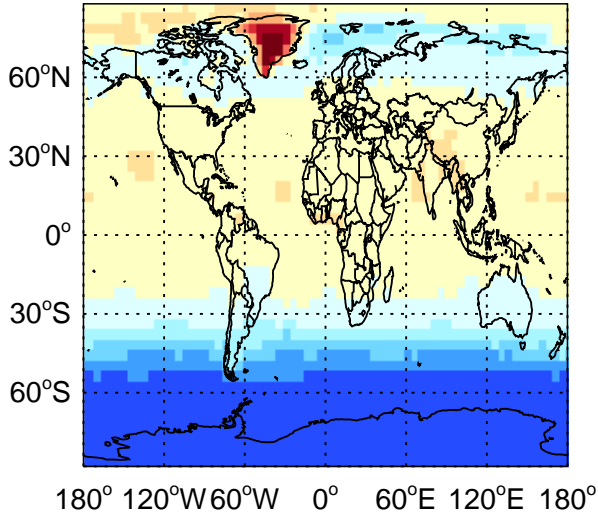
v11-02e-Run1
JNO3 - J-Value @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0

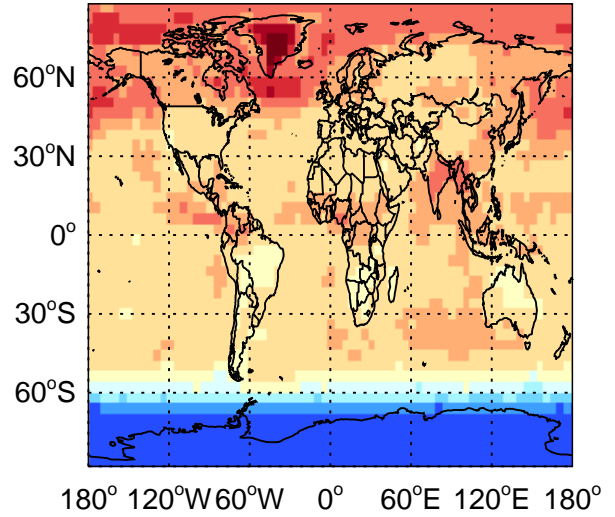
JNO3 - J-Value @ surface for Jul



0.00e+00 4.54e-01

v11-02f-Run0

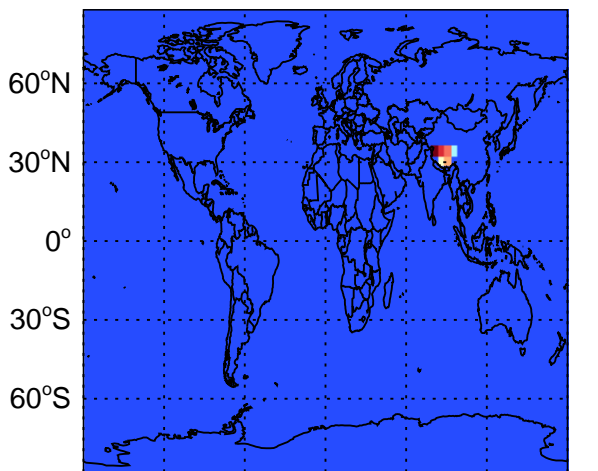
JNO3 - J-Value @ 500 hPa for Jul



0.00e+00 4.61e-01

v11-02e-Run0

JCFC11 - J-Value @ surface for Jul

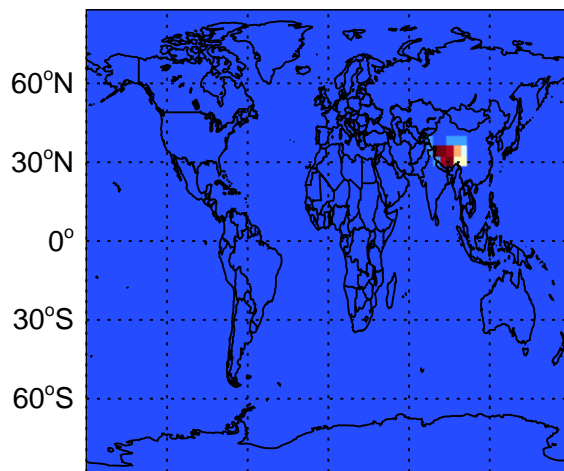


180° 120°W 60°W 0° 60°E 120°E 180°



v11-02e-Run0

JCFC11 - J-Value @ 500 hPa for Jul

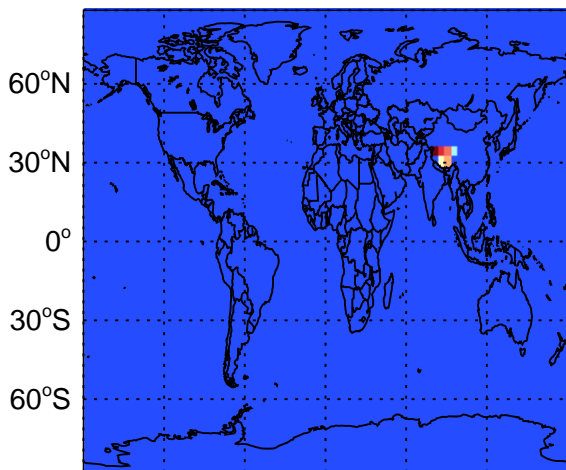


180° 120°W 60°W 0° 60°E 120°E 180°



v11-02e-Run1

JCFC11 - J-Value @ surface for Jul

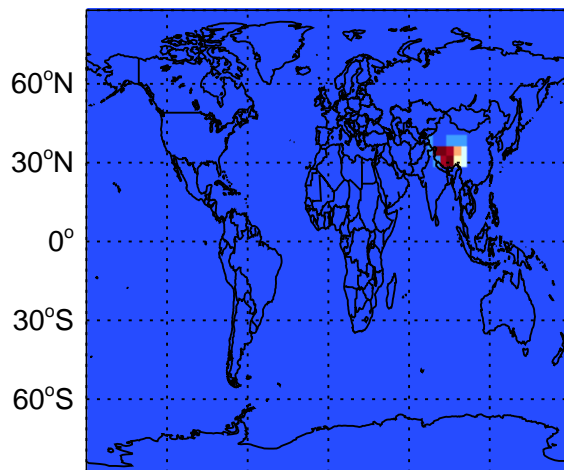


180° 120°W 60°W 0° 60°E 120°E 180°



v11-02e-Run1

JCFC11 - J-Value @ 500 hPa for Jul



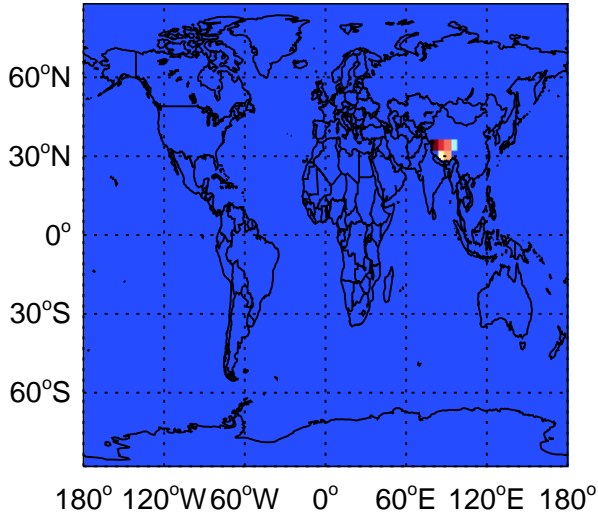
180° 120°W 60°W 0° 60°E 120°E 180°



GEOS-Chem J-Values at surface and 500 hPa

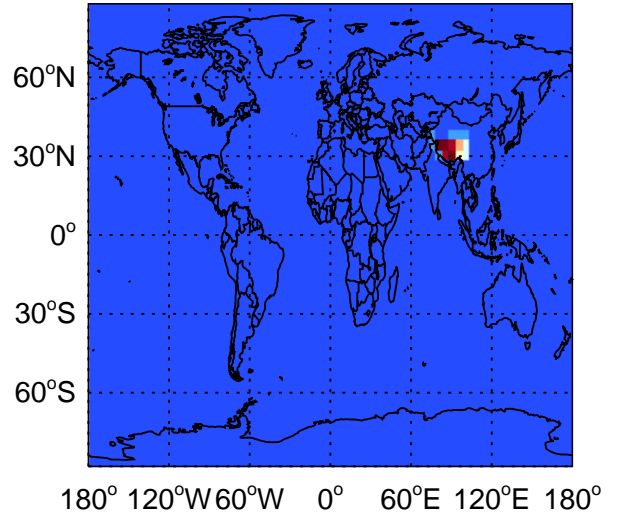
v11-02f-Run0

JCFC11 - J-Value @ surface for Jul



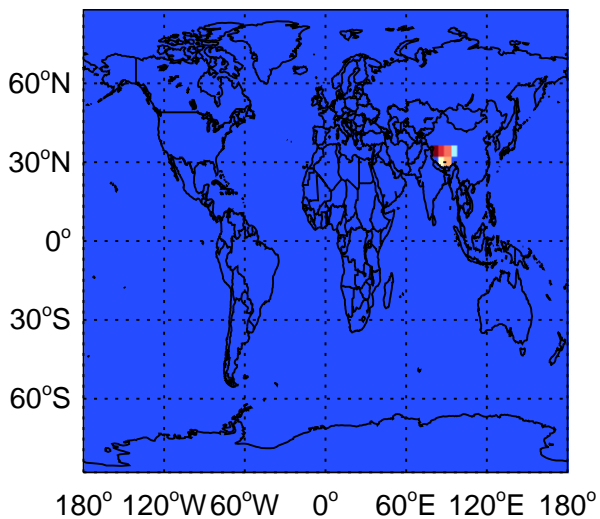
v11-02f-Run0

JCFC11 - J-Value @ 500 hPa for Jul



v11-02e-Run0

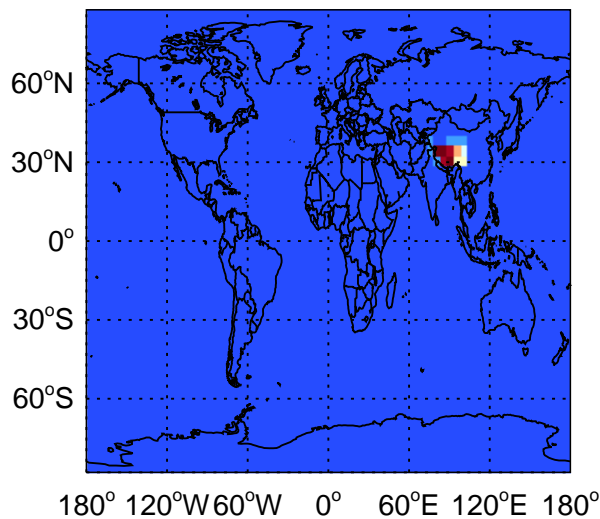
JCFC12 - J-Value @ surface for Jul



0.00e+00 1.50e-13

v11-02e-Run0

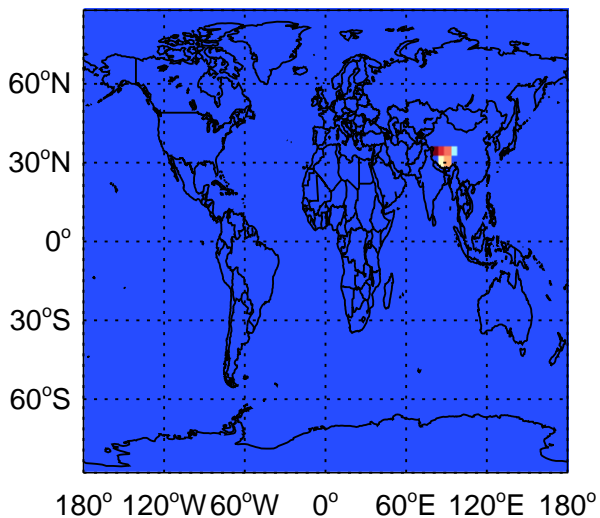
JCFC12 - J-Value @ 500 hPa for Jul



0.00e+00 1.86e-14

v11-02e-Run1

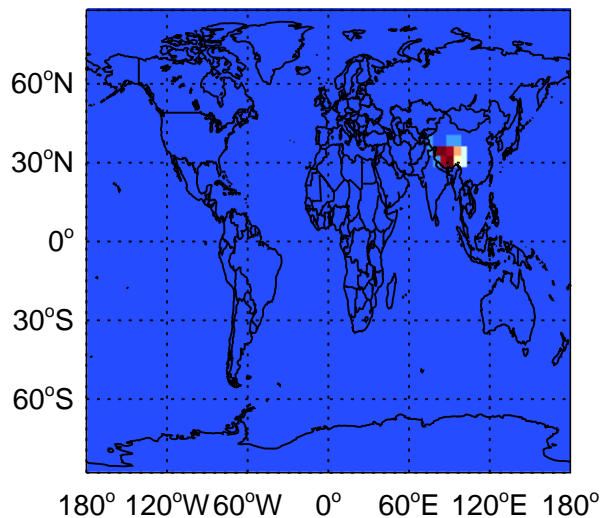
JCFC12 - J-Value @ surface for Jul



0.00e+00 1.47e-13

v11-02e-Run1

JCFC12 - J-Value @ 500 hPa for Jul

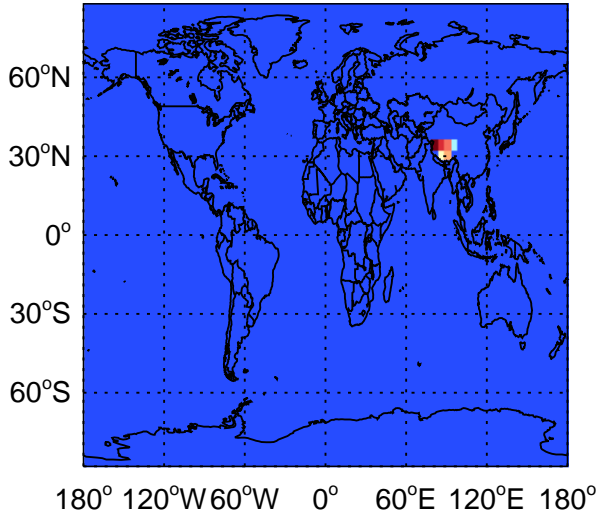


0.00e+00 1.85e-14

GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0

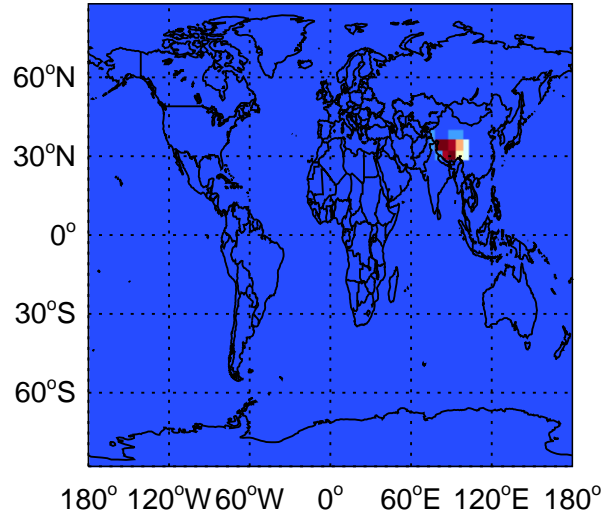
JCFC12 - J-Value @ surface for Jul



0.00e+00 1.40e-13

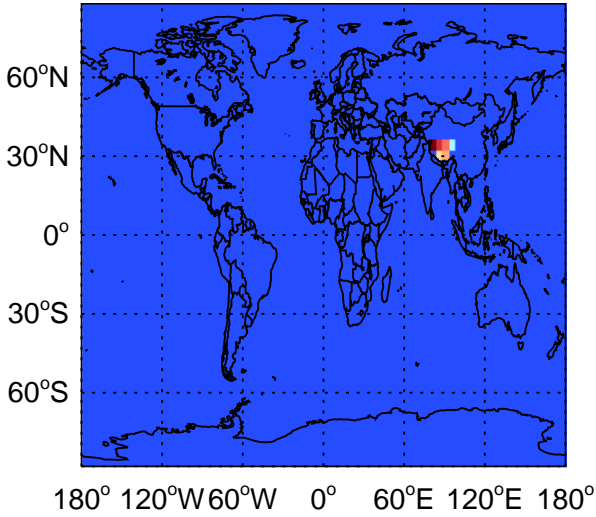
v11-02f-Run0

JCFC12 - J-Value @ 500 hPa for Jul



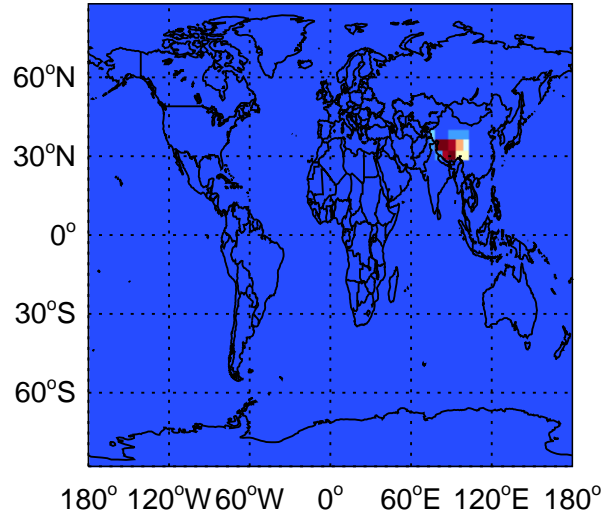
0.00e+00 1.80e-14

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



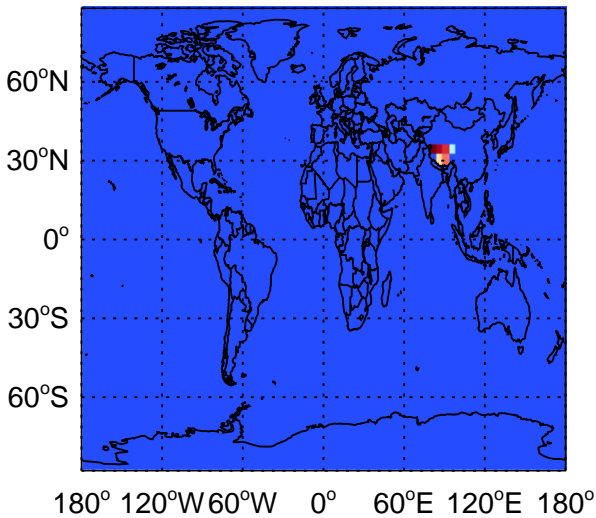
0.00e+00 6.05e-16-1

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



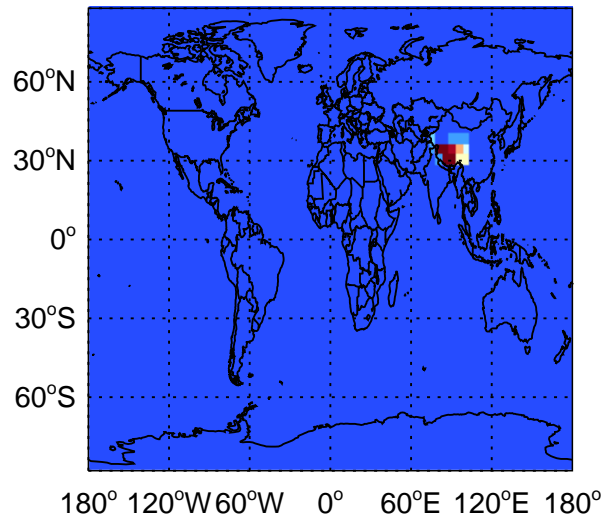
0.00e+00 5.09e-13-1

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



0.00e+00 6.00e-16-1

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

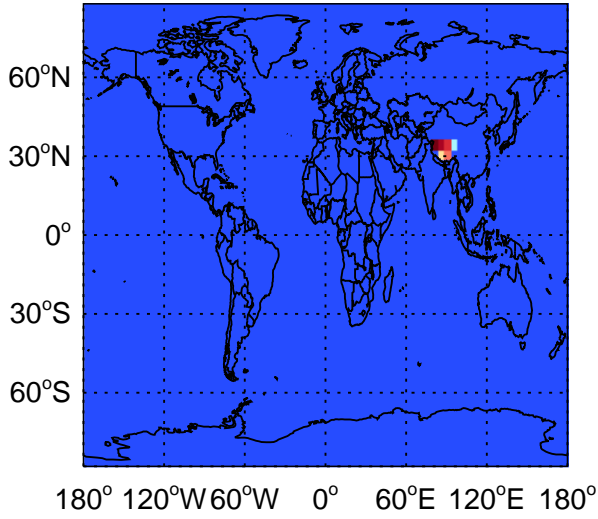


0.00e+00 5.15e-13-1

GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0

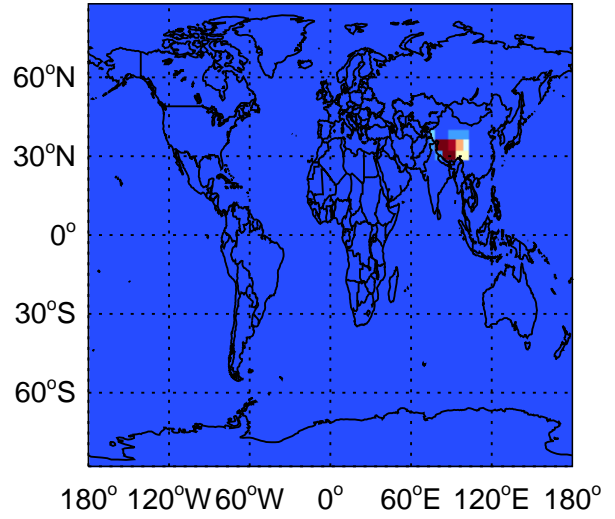
JCCI4 - J-Value @ surface for Jul



0.00e+00 5.70e-16-1

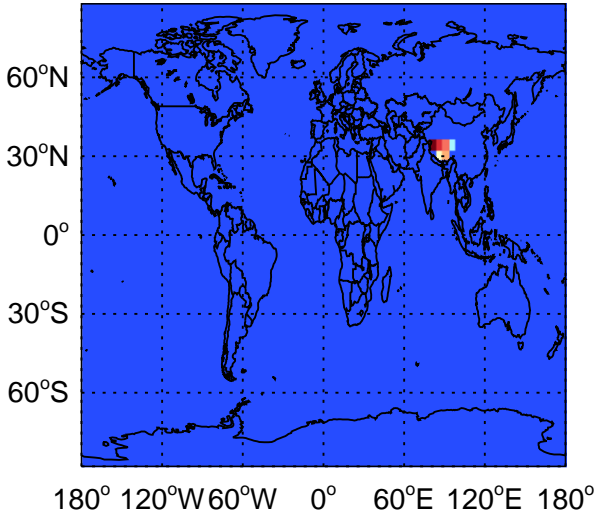
v11-02f-Run0

JCCI4 - J-Value @ 500 hPa for Jul



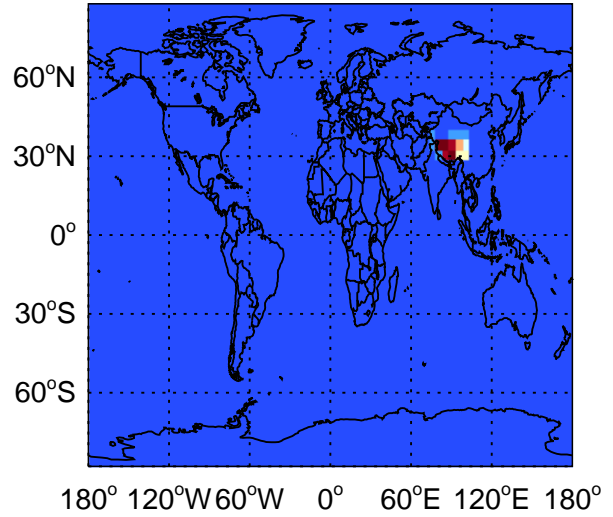
0.00e+00 5.00e-13-1

v11-02e-Run0
JCH3CI - J-Value @ surface for Jul



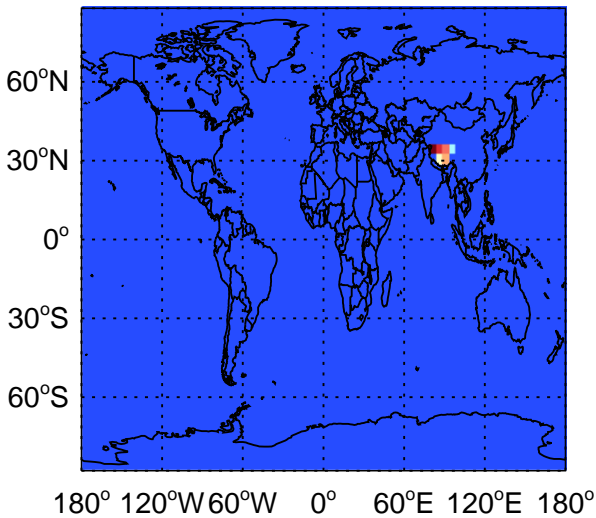
0.00e+00 3.71e-18-1

v11-02e-Run0
JCH3CI - J-Value @ 500 hPa for Jul



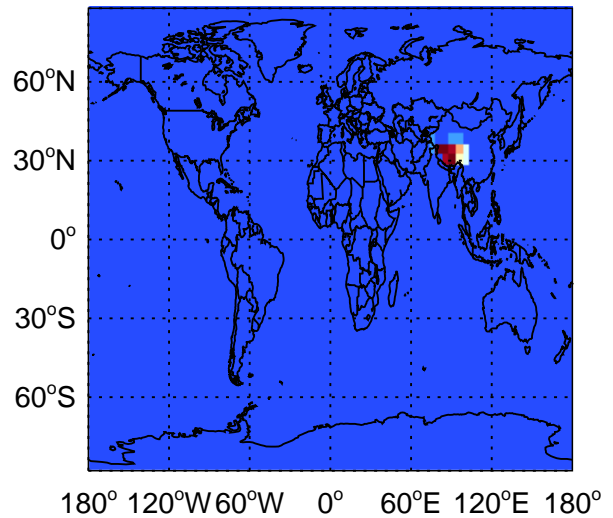
0.00e+00 4.65e-15-1

v11-02e-Run1
JCH3CI - J-Value @ surface for Jul



0.00e+00 3.63e-18-1

v11-02e-Run1
JCH3CI - J-Value @ 500 hPa for Jul

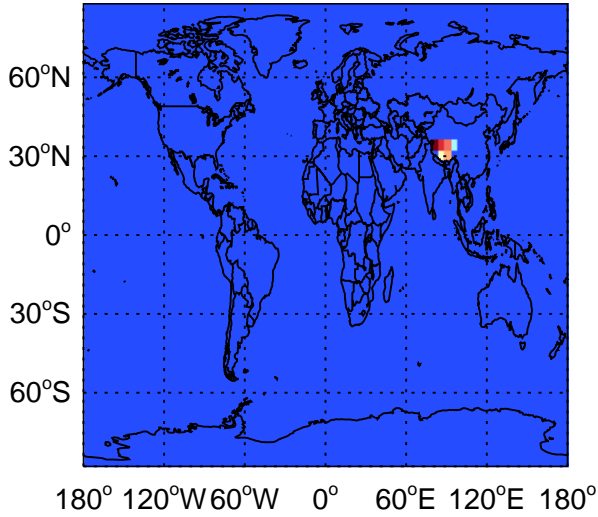


0.00e+00 4.63e-15-1

GEOS-Chem J-Values at surface and 500 hPa

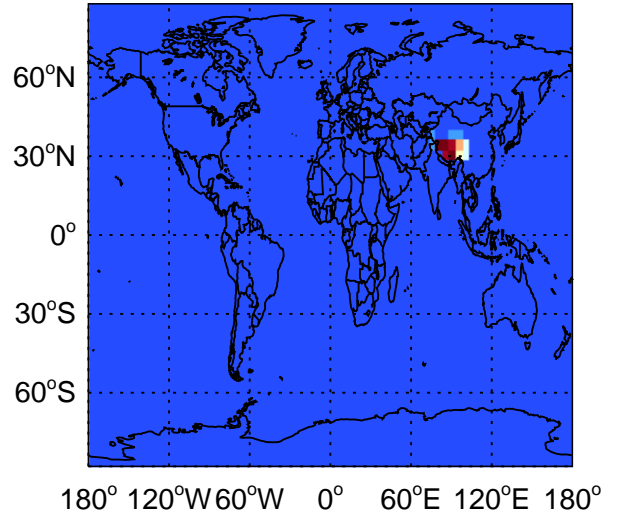
v11-02f-Run0

JCH3Cl - J-Value @ surface for Jul

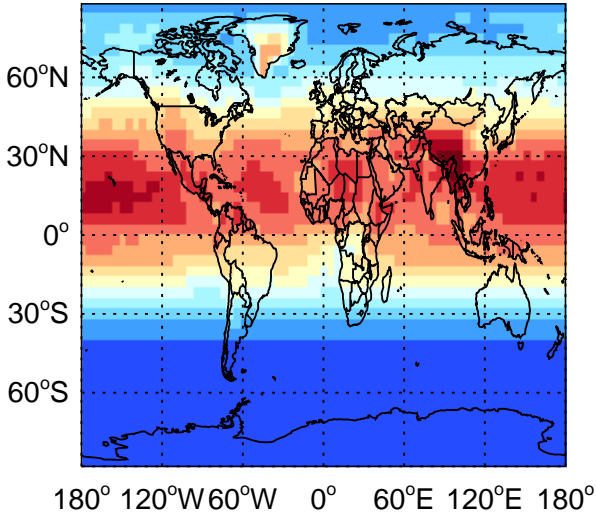


v11-02f-Run0

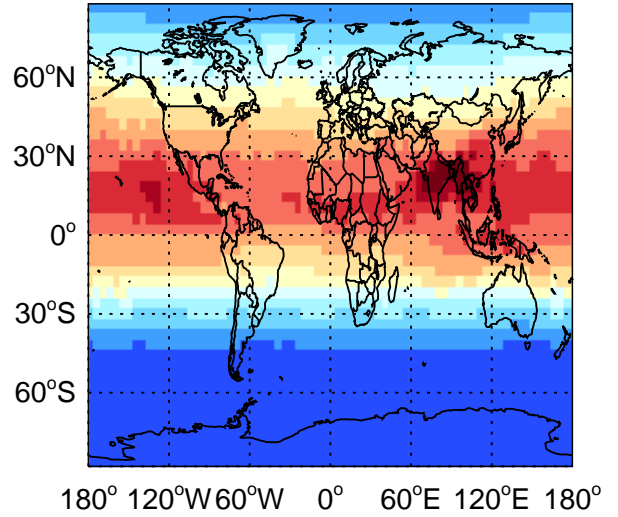
JCH3Cl - J-Value @ 500 hPa for Jul



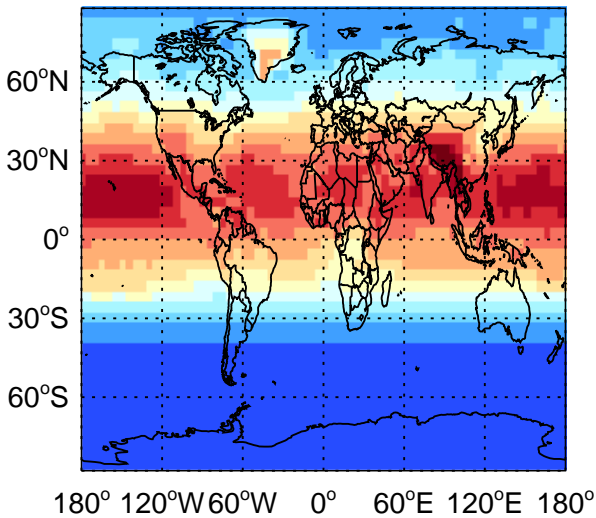
v11-02e-Run0
JACET - J-Value @ surface for Jul



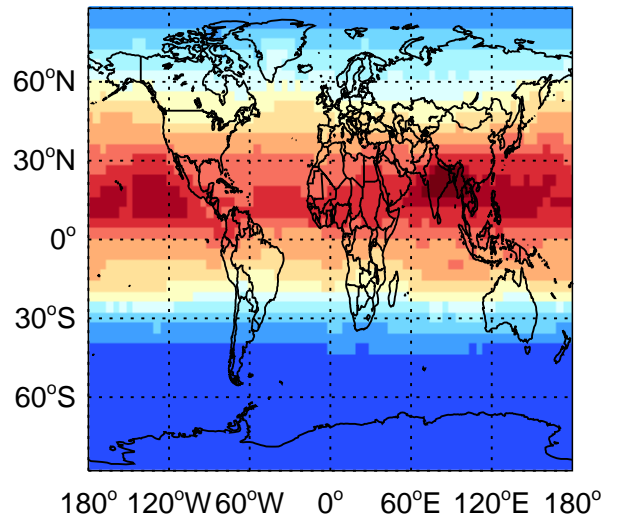
v11-02e-Run0
JACET - J-Value @ 500 hPa for Jul



v11-02e-Run1
JACET - J-Value @ surface for Jul



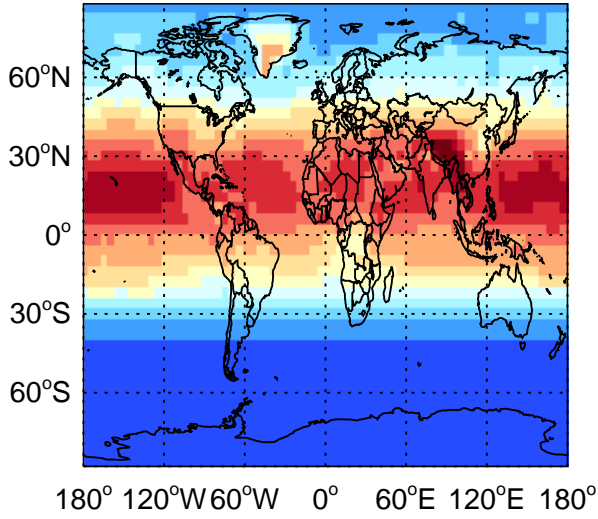
v11-02e-Run1
JACET - J-Value @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0

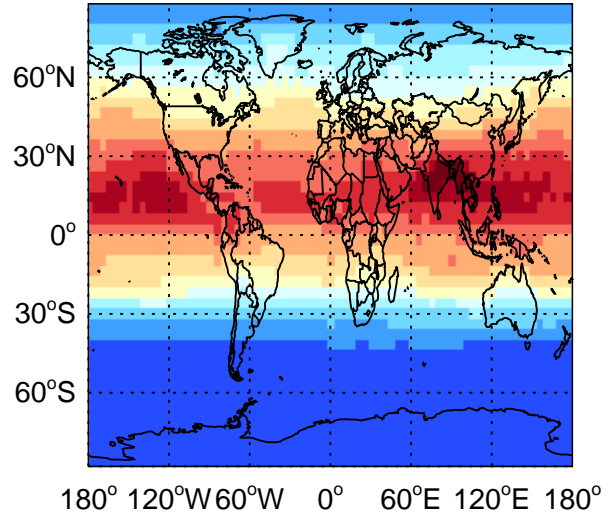
JACET - J-Value @ surface for Jul



0.00e+00 1.15e-06-1

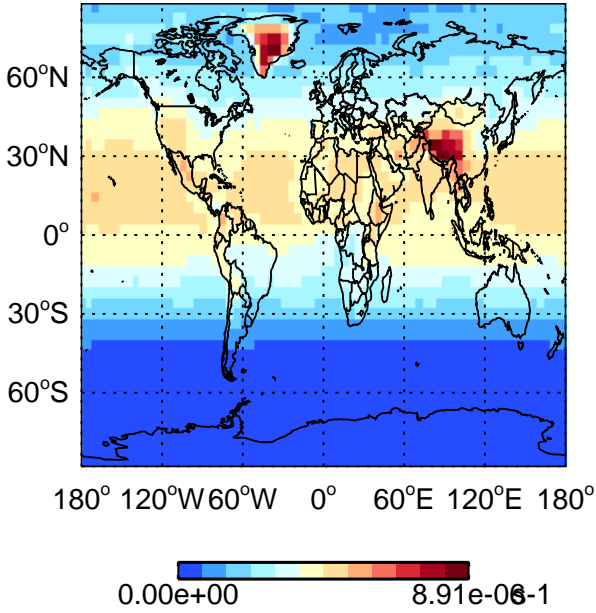
v11-02f-Run0

JACET - J-Value @ 500 hPa for Jul

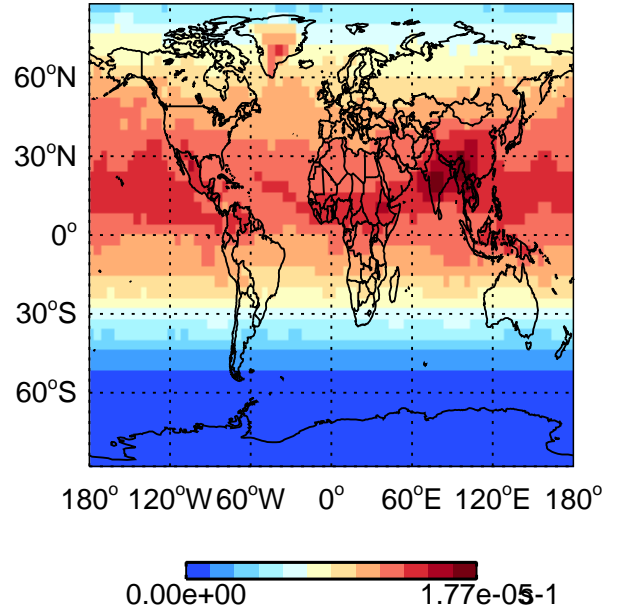


0.00e+00 1.83e-06-1

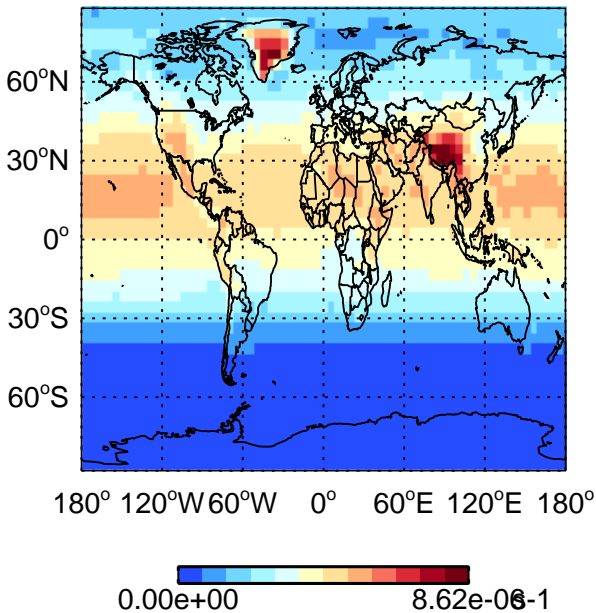
v11-02e-Run0
JALD2 - J-Value @ surface for Jul



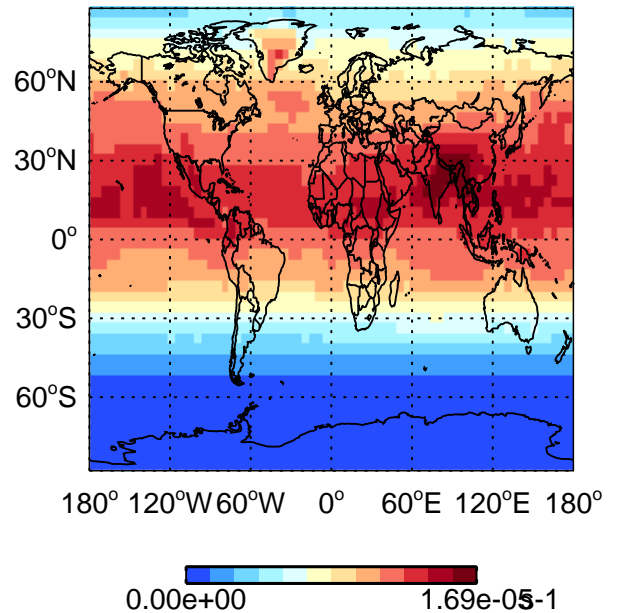
v11-02e-Run0
JALD2 - J-Value @ 500 hPa for Jul



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



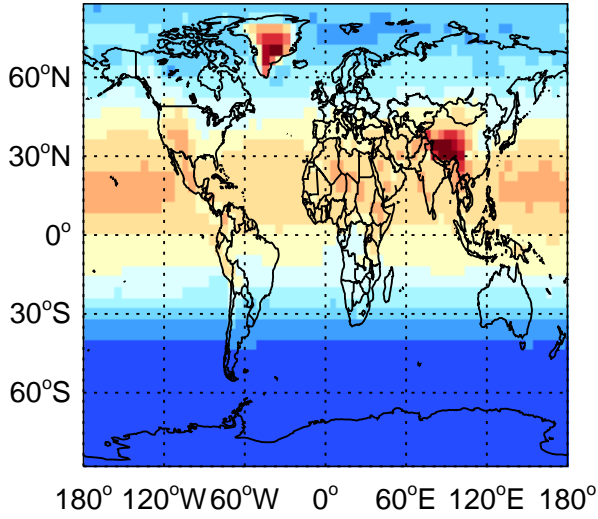
v11-02e-Run1
JALD2 - J-Value @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0

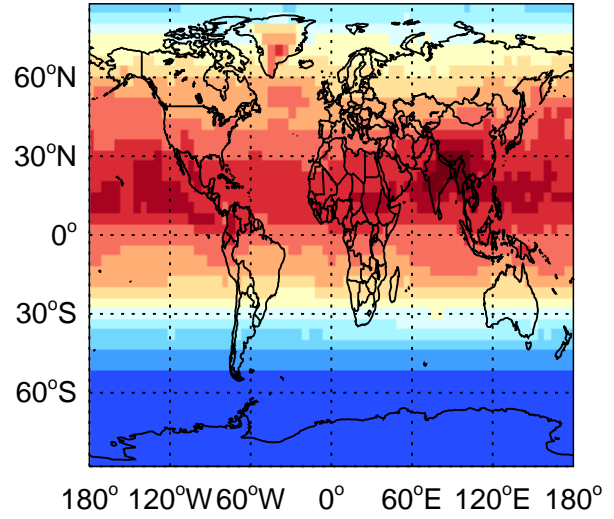
JALD2 - J-Value @ surface for Jul



0.00e+00 8.59e-06-1

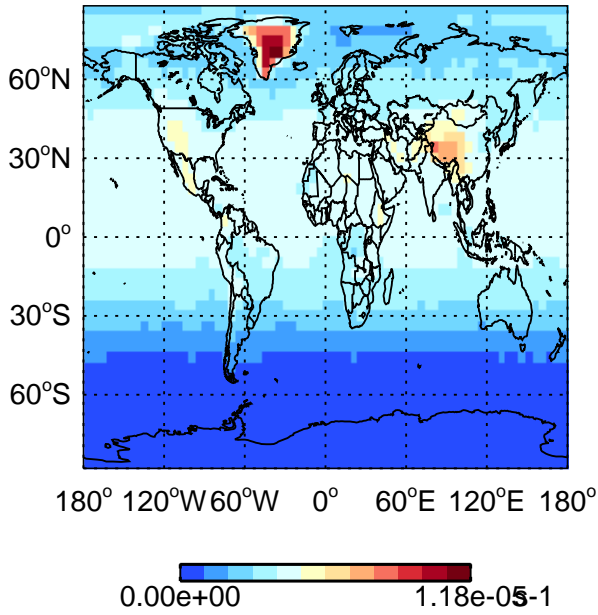
v11-02f-Run0

JALD2 - J-Value @ 500 hPa for Jul

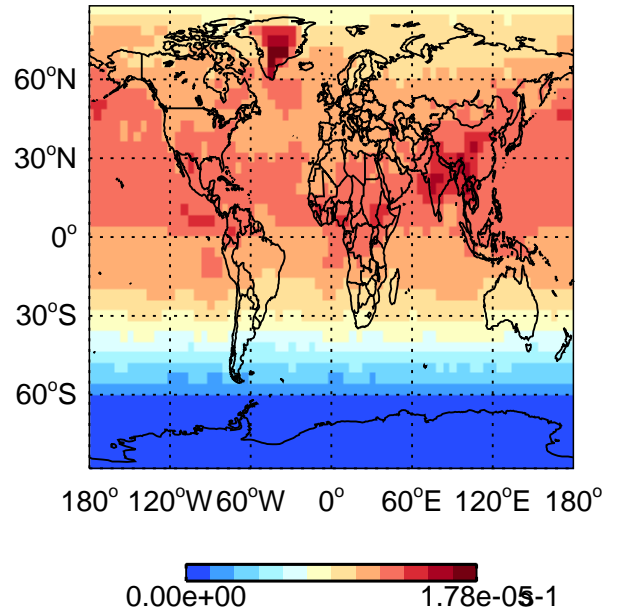


0.00e+00 1.69e-05-1

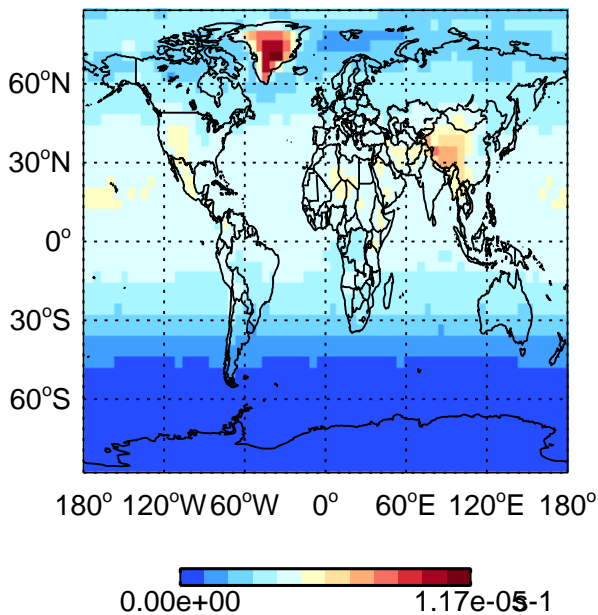
v11-02e-Run0
JMKV - J-Value @ surface for Jul



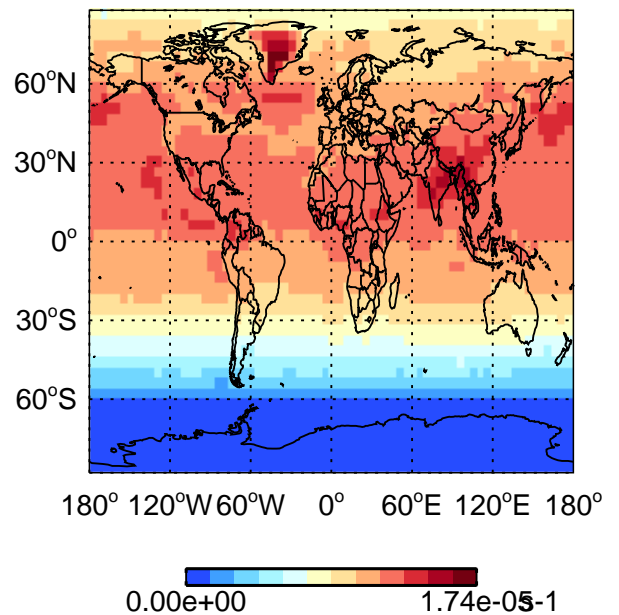
v11-02e-Run0
JMKV - J-Value @ 500 hPa for Jul



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



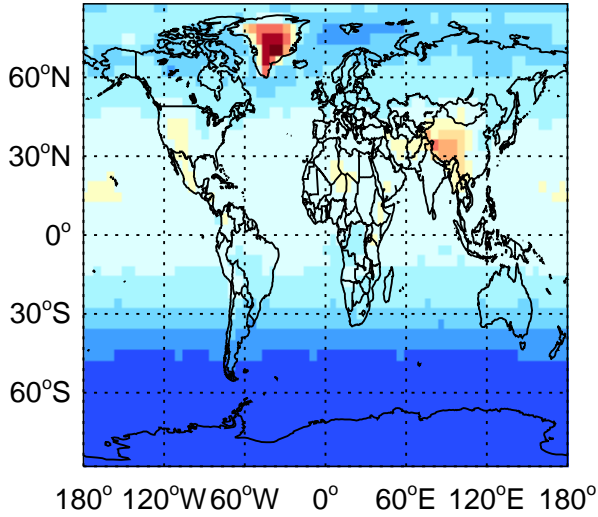
v11-02e-Run1
JMKV - J-Value @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0

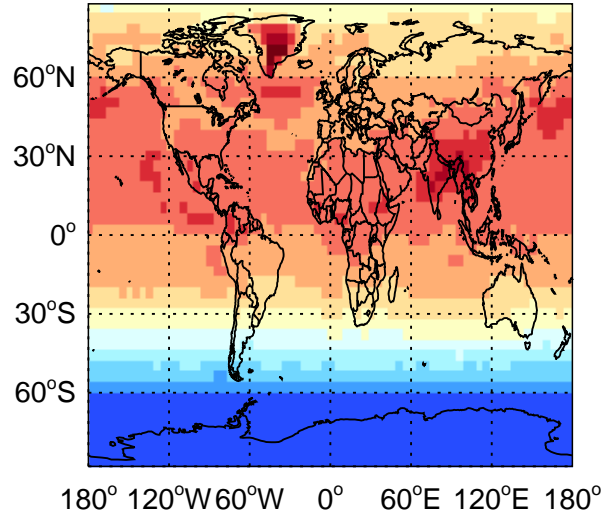
JMVK - J-Value @ surface for Jul



0.00e+00 1.17e-05-1

v11-02f-Run0

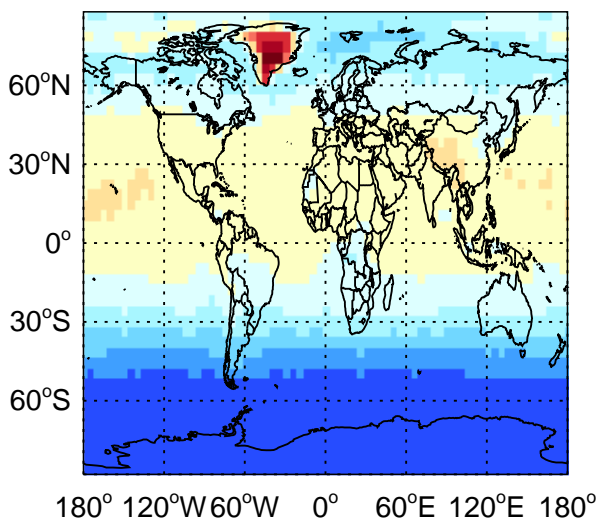
JMVK - J-Value @ 500 hPa for Jul



0.00e+00 1.74e-05-1

v11-02e-Run0

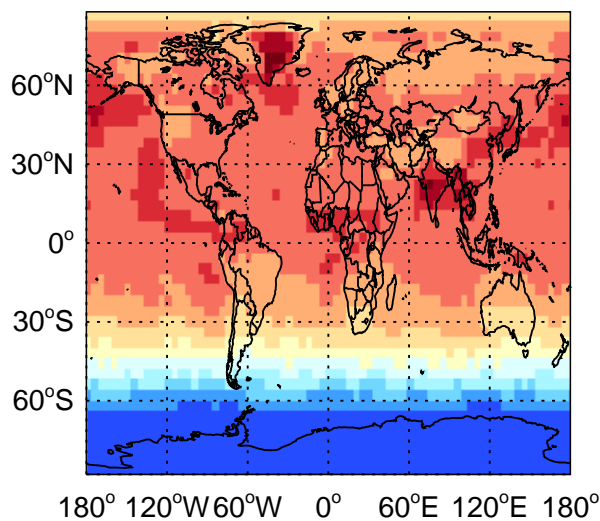
JMACR - J-Value @ surface for Jul



0.00e+00 3.32e-06-1

v11-02e-Run0

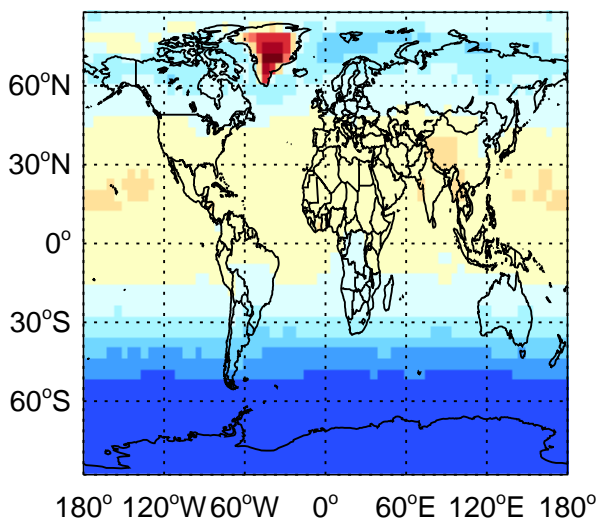
JMACR - J-Value @ 500 hPa for Jul



0.00e+00 3.40e-06-1

v11-02e-Run1

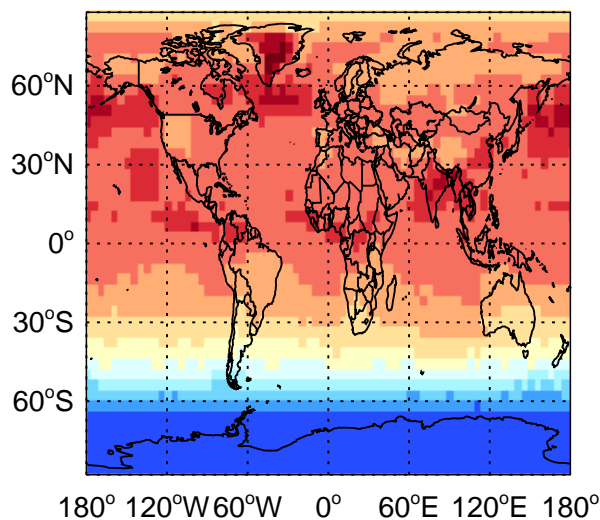
JMACR - J-Value @ surface for Jul



0.00e+00 3.32e-06-1

v11-02e-Run1

JMACR - J-Value @ 500 hPa for Jul

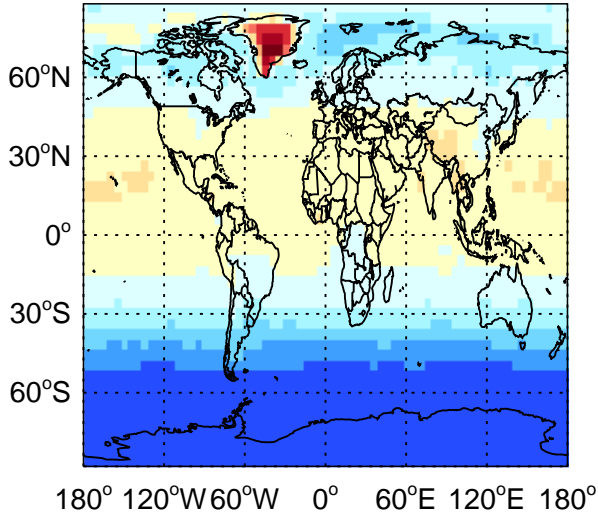


0.00e+00 3.36e-06-1

GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0

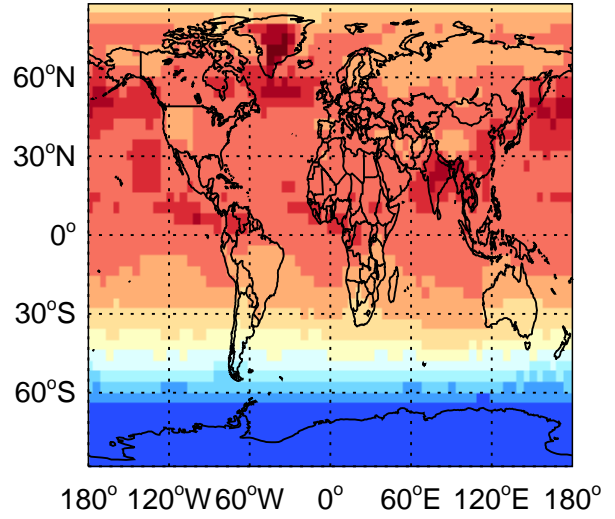
JMACR - J-Value @ surface for Jul



0.00e+00 3.32e-06-1

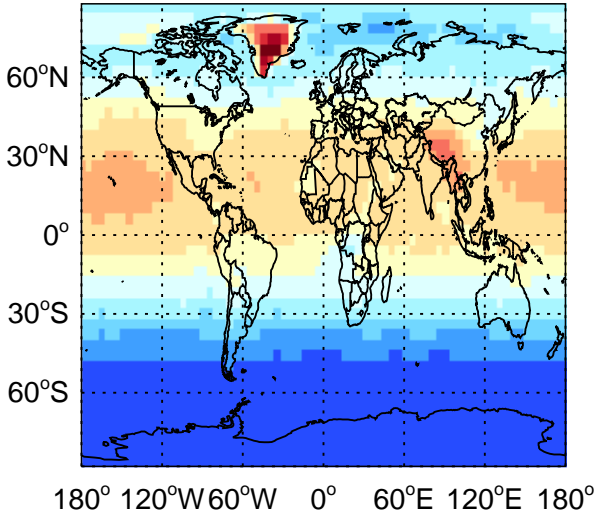
v11-02f-Run0

JMACR - J-Value @ 500 hPa for Jul



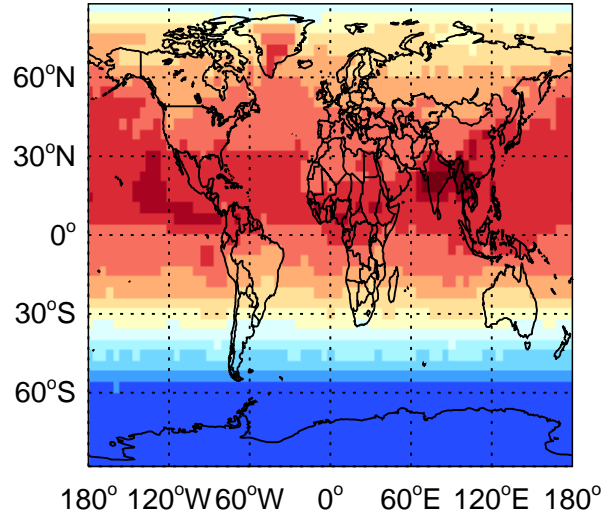
0.00e+00 3.36e-06-1

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



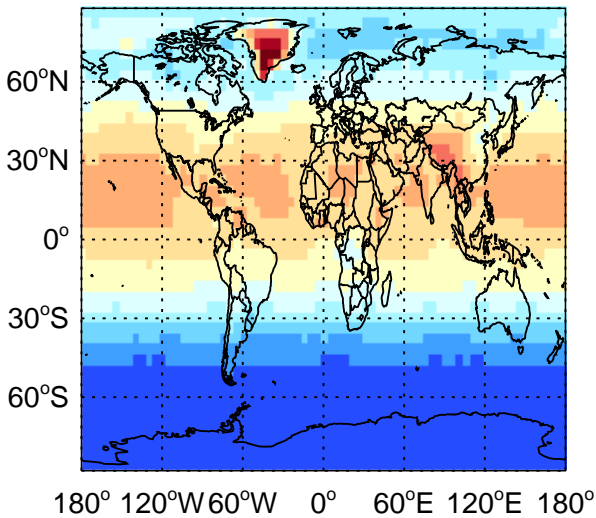
0.00e+00 3.98e-06-1

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



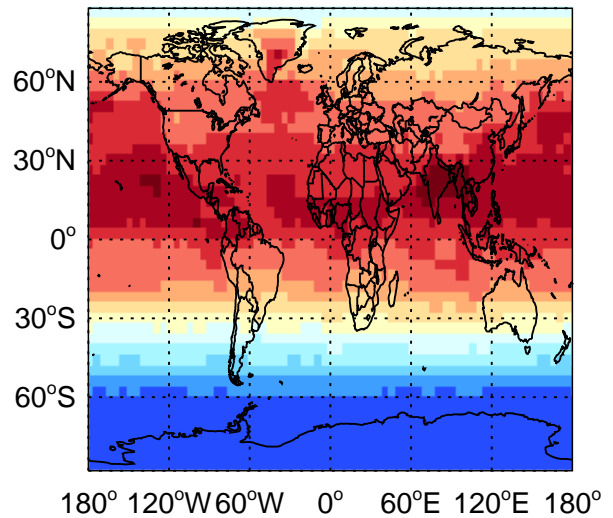
0.00e+00 5.02e-06-1

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



0.00e+00 3.91e-06-1

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

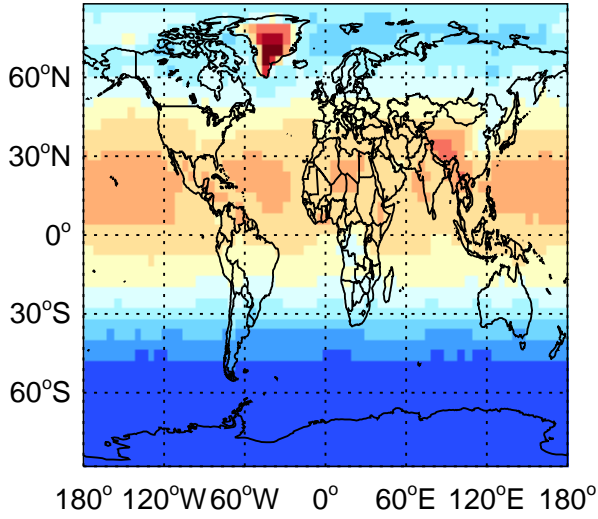


0.00e+00 4.78e-06-1

GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0

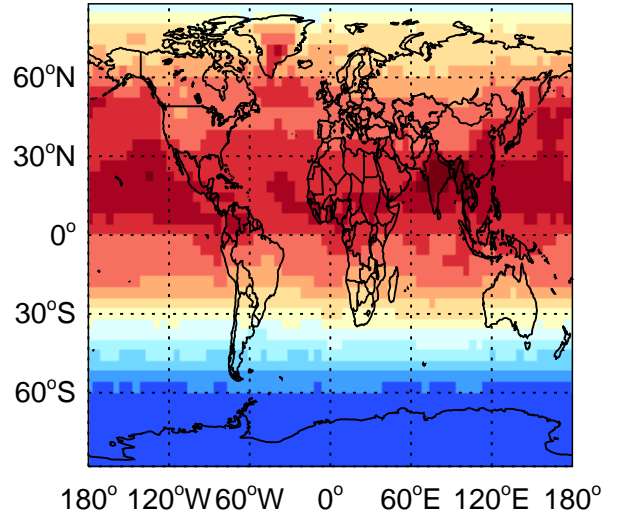
JHAC - J-Value @ surface for Jul



0.00e+00 3.92e-01

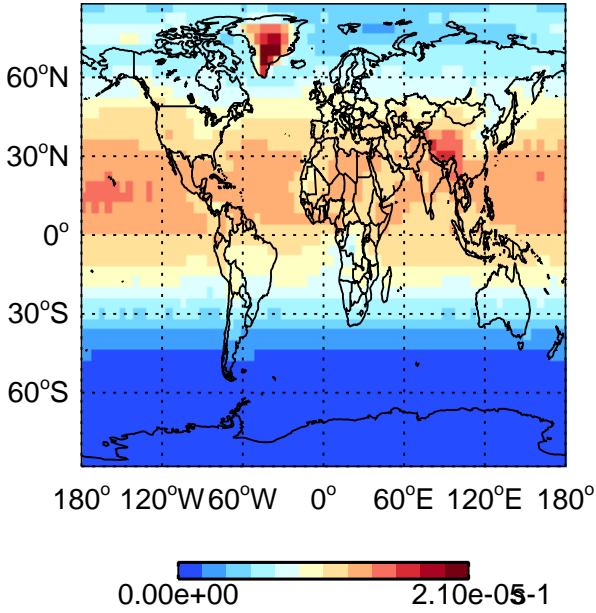
v11-02f-Run0

JHAC - J-Value @ 500 hPa for Jul

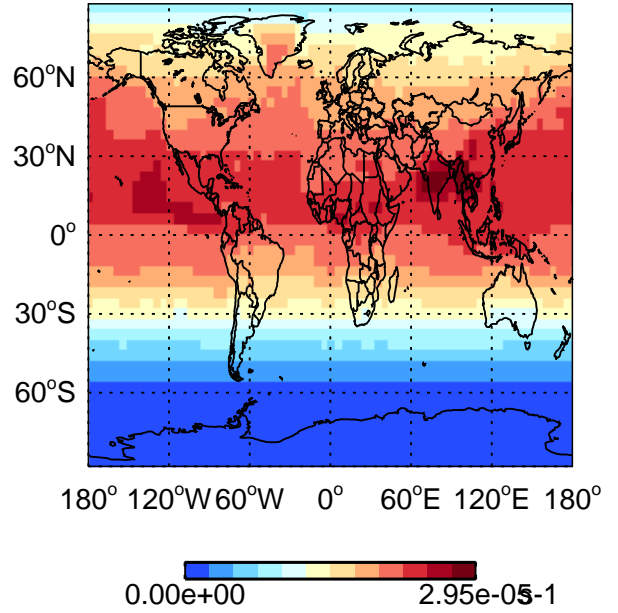


0.00e+00 4.82e-01

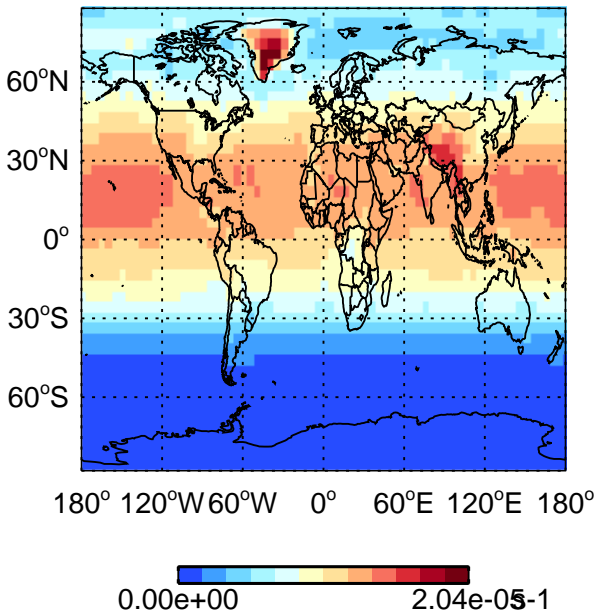
v11-02e-Run0
JGLYC - J-Value @ surface for Jul



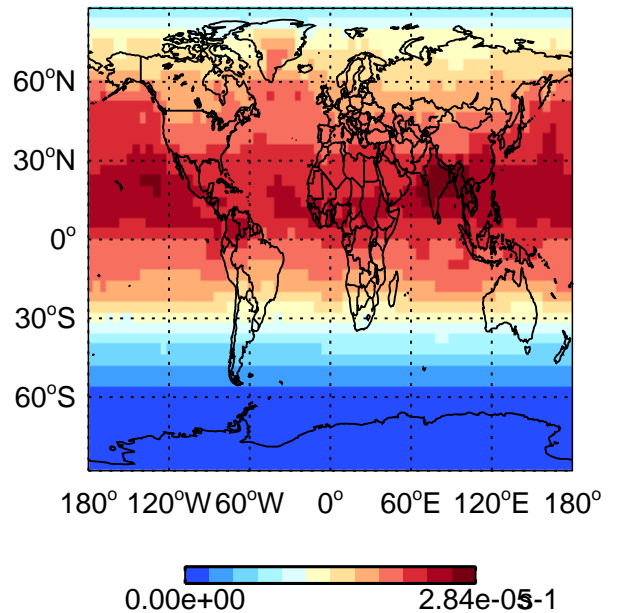
v11-02e-Run0
JGLYC - J-Value @ 500 hPa for Jul



v11-02e-Run1
JGLYC - J-Value @ surface for Jul



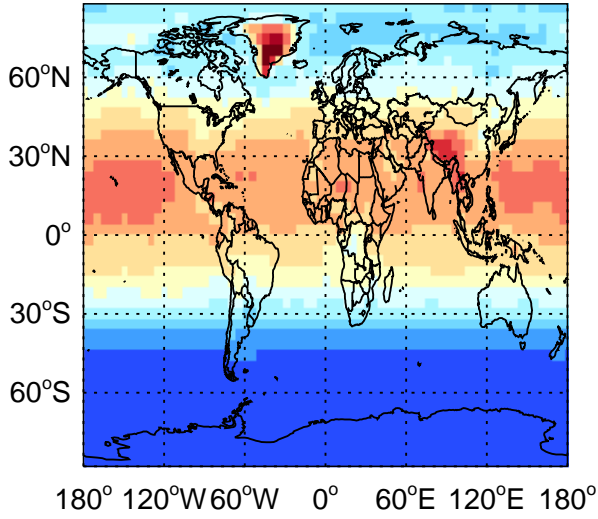
v11-02e-Run1
JGLYC - J-Value @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0

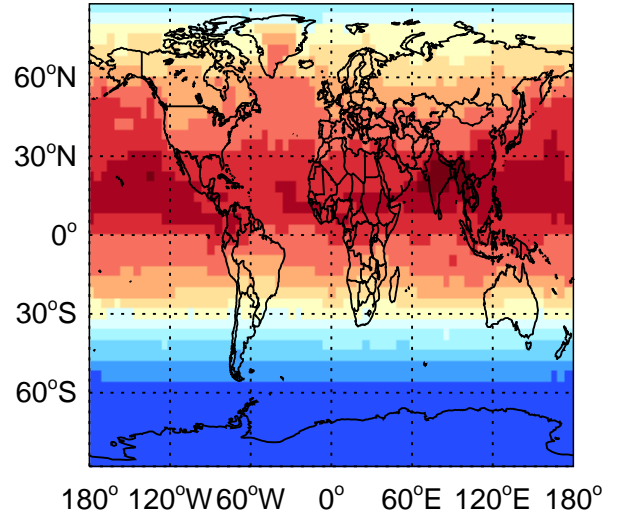
JGLYC - J-Value @ surface for Jul



0.00e+00 2.05e-05-1

v11-02f-Run0

JGLYC - J-Value @ 500 hPa for Jul



0.00e+00 2.86e-05-1