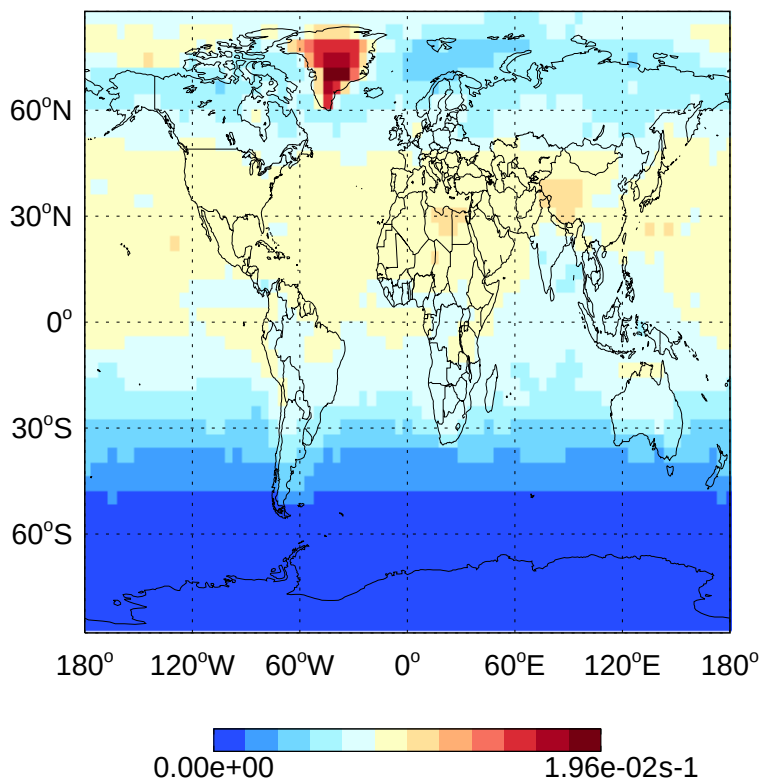


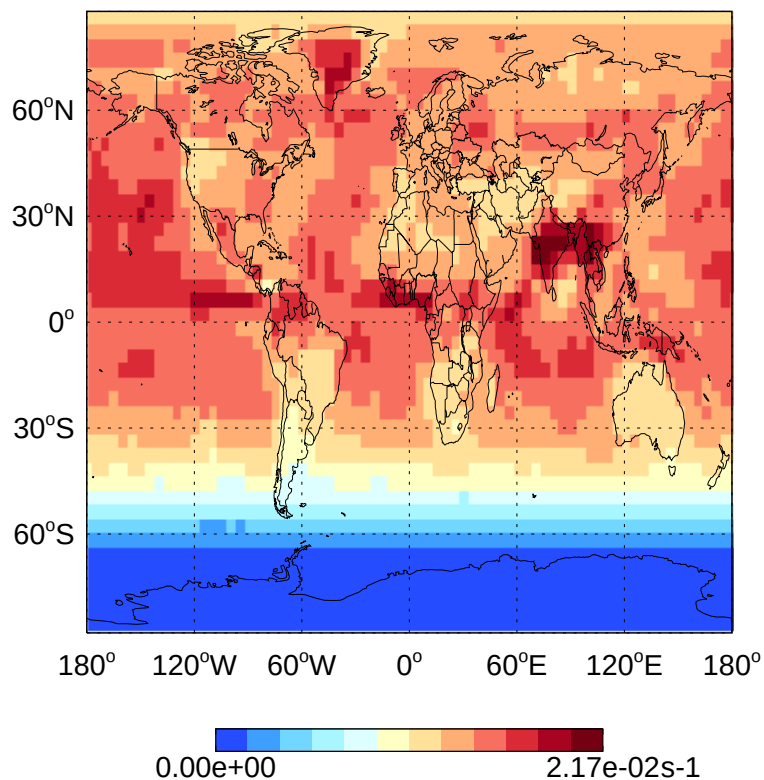
v11-02c-Run0

JNO2 - J-Value @ surface for Jul



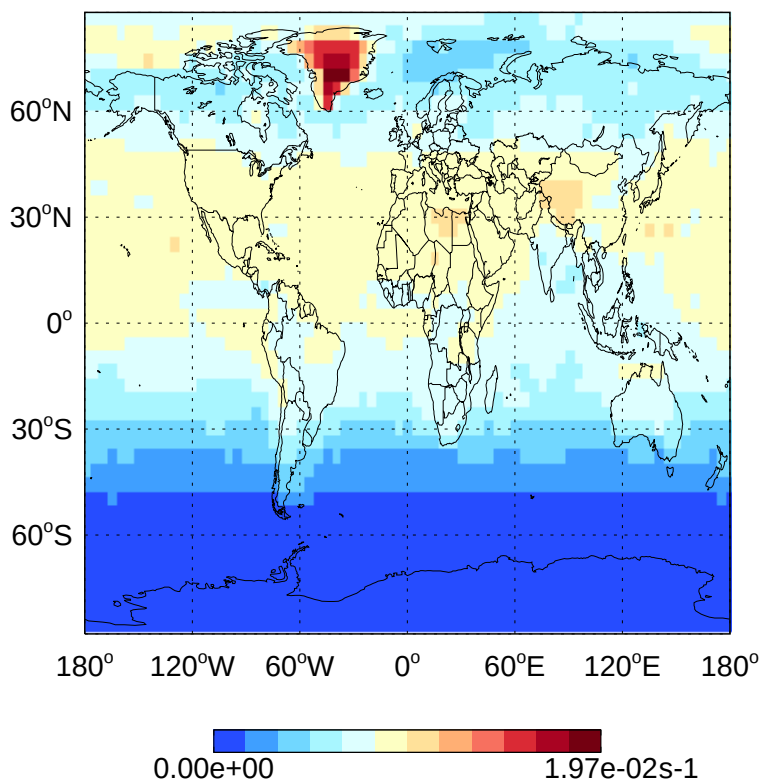
v11-02c-Run0

JNO2 - J-Value @ 500 hPa for Jul



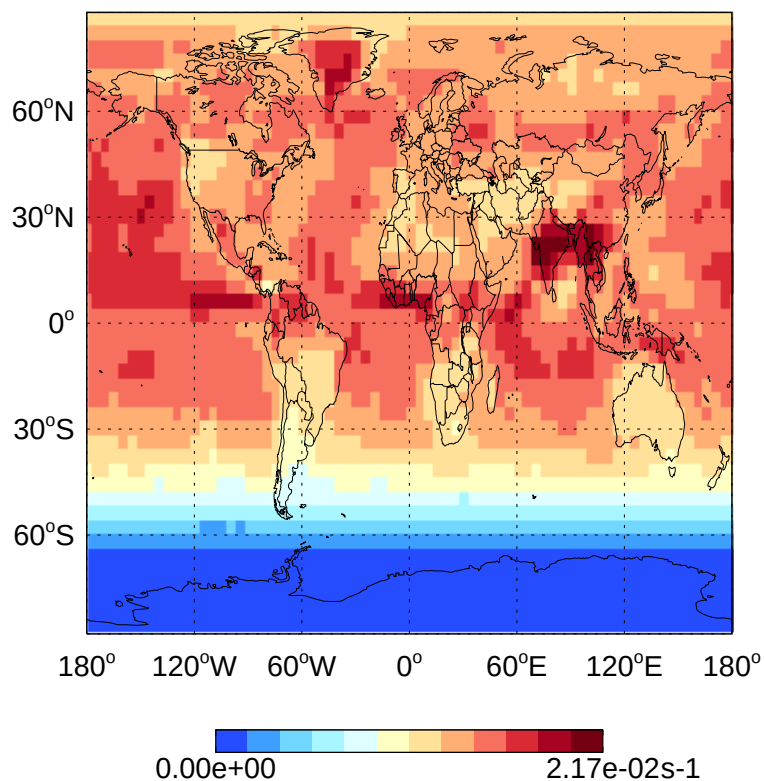
v11-02d-Run1

JNO2 - J-Value @ surface for Jul



v11-02d-Run1

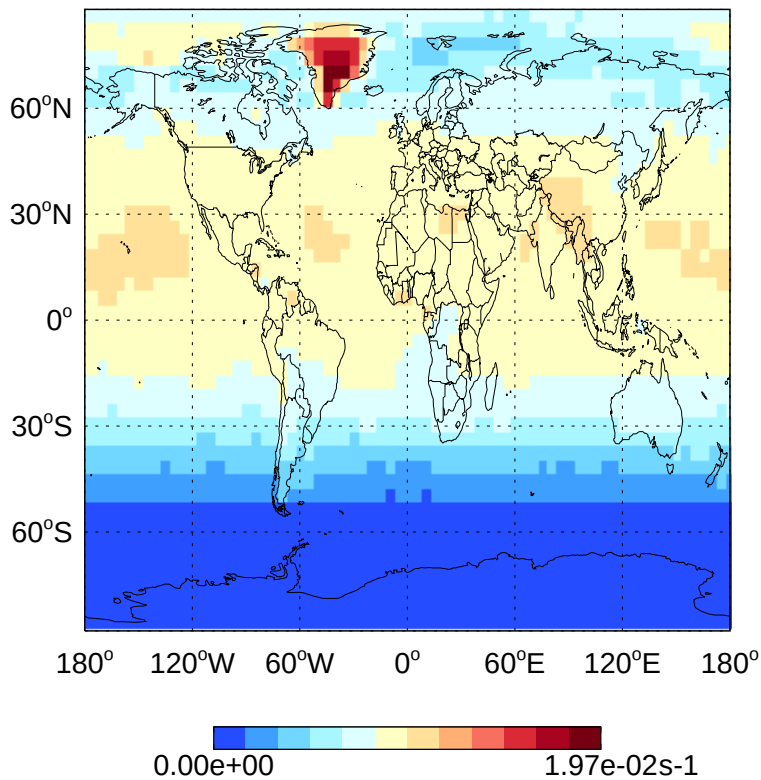
JNO2 - J-Value @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

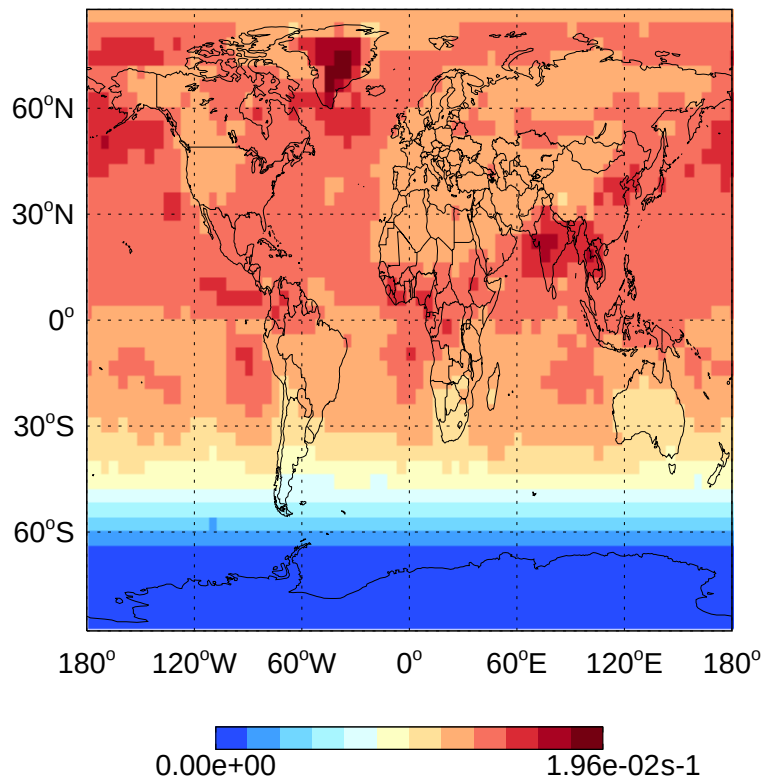
v11-02e-Run0

JNO2 - J-Value @ surface for Jul



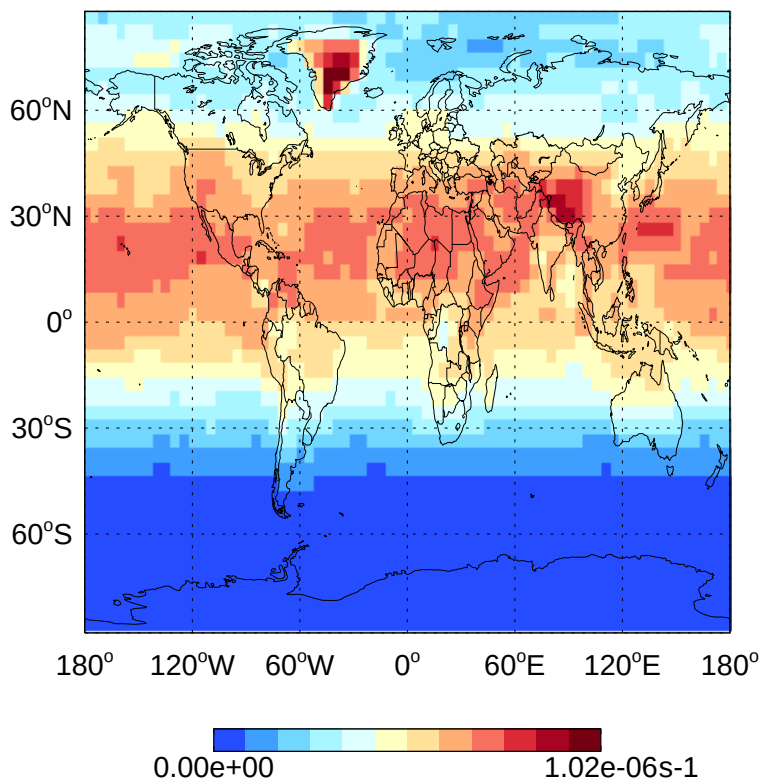
v11-02e-Run0

JNO2 - J-Value @ 500 hPa for Jul



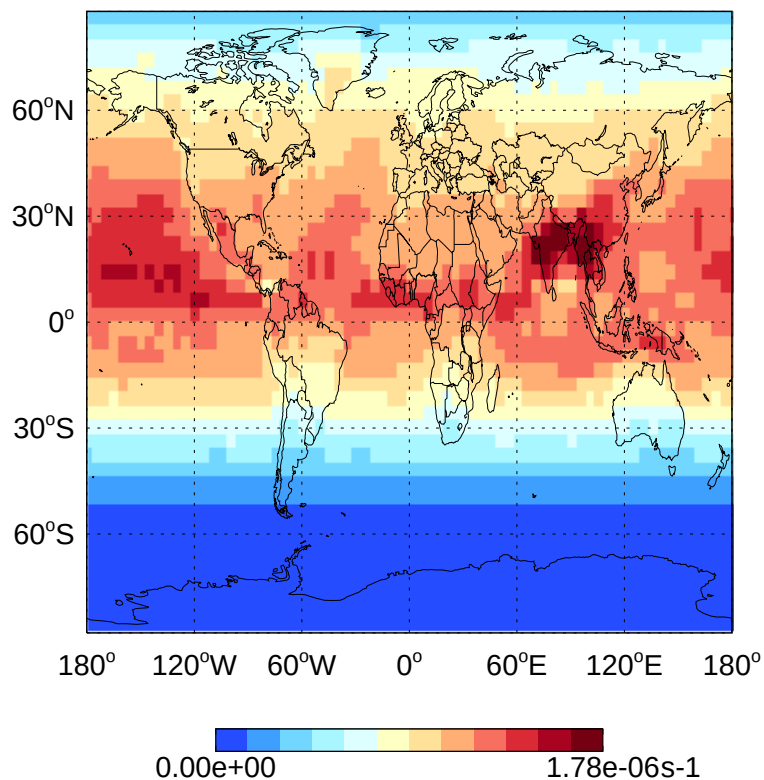
v11-02c-Run0

JHNO3 - J-Value @ surface for Jul



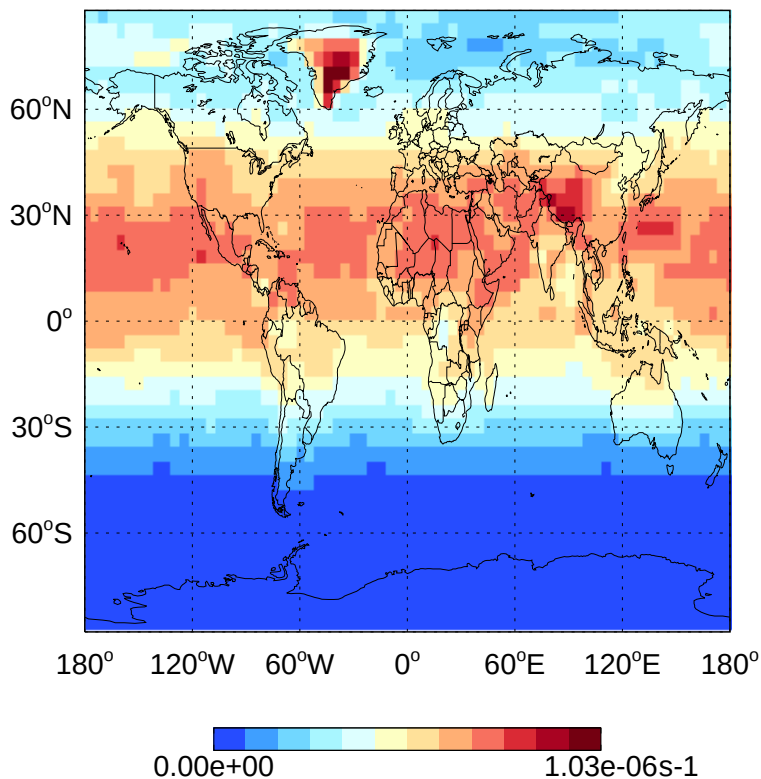
v11-02c-Run0

JHNO3 - J-Value @ 500 hPa for Jul



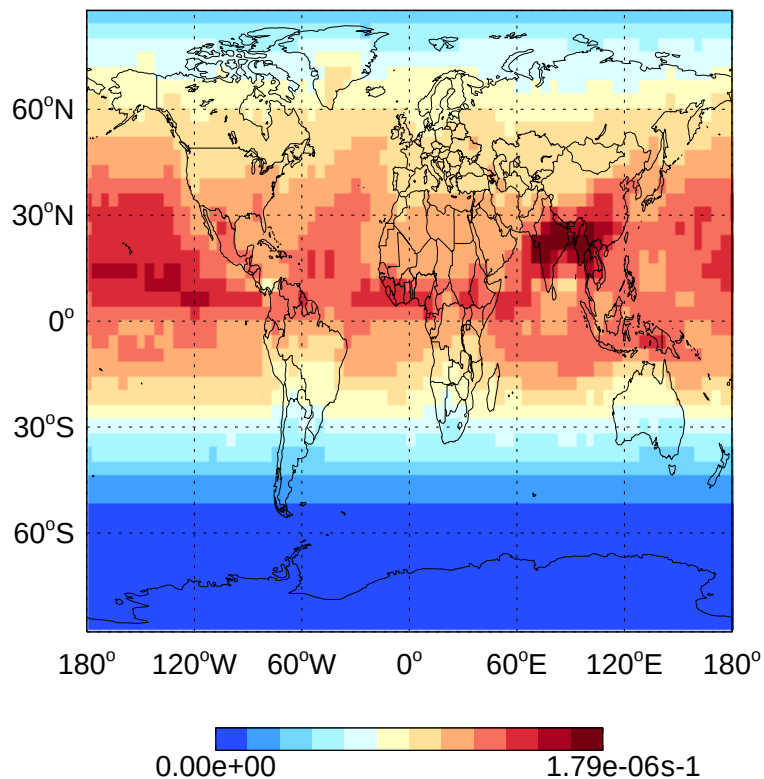
v11-02d-Run1

JHNO3 - J-Value @ surface for Jul



v11-02d-Run1

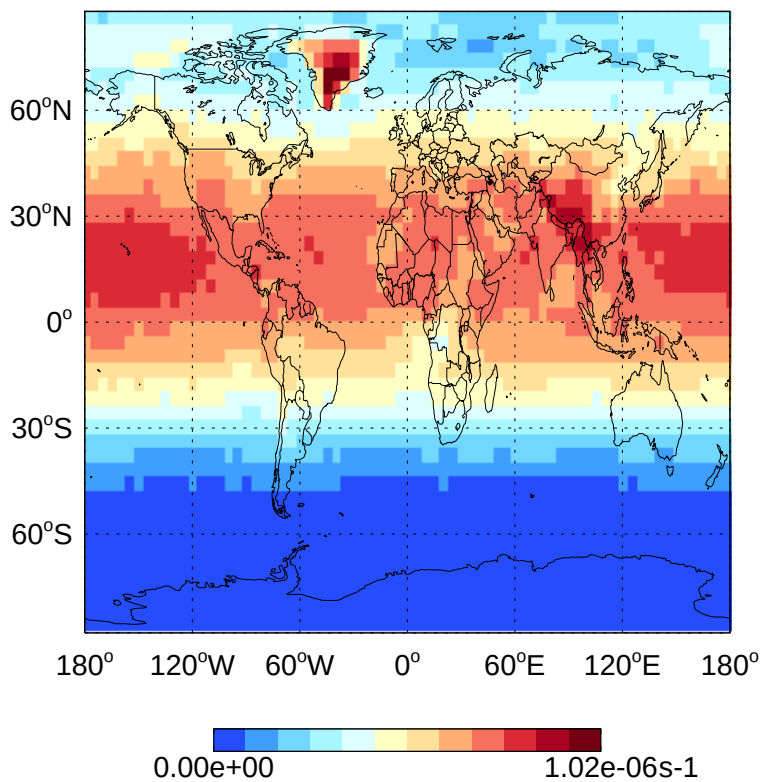
JHNO3 - J-Value @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

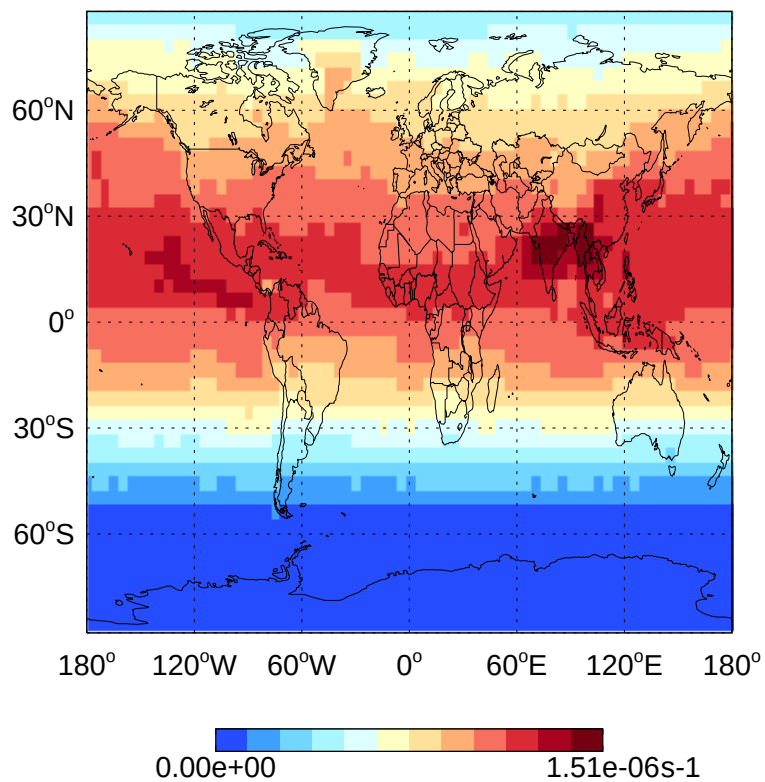
v11-02e-Run0

JHNO3 - J-Value @ surface for Jul



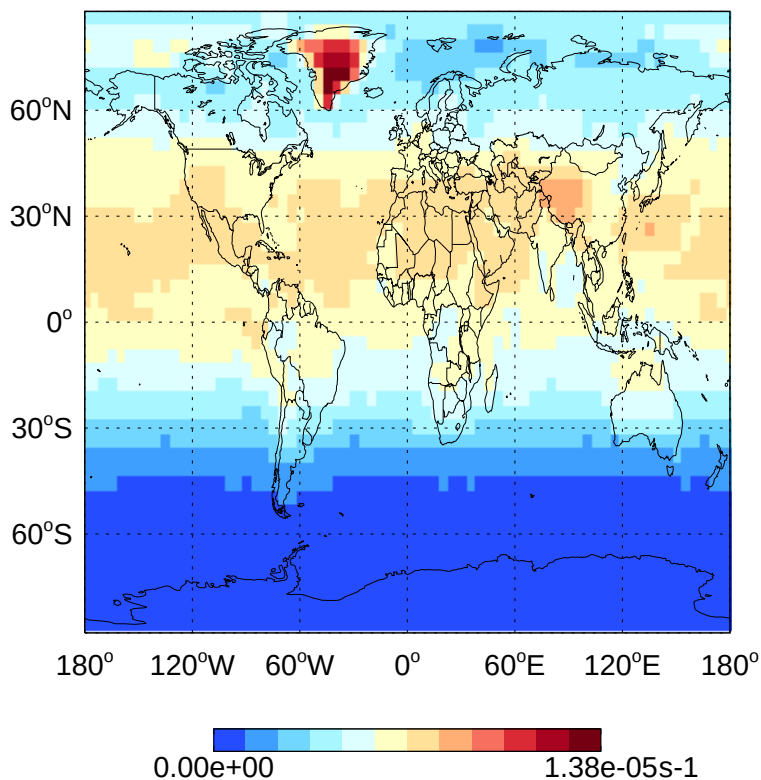
v11-02e-Run0

JHNO3 - J-Value @ 500 hPa for Jul



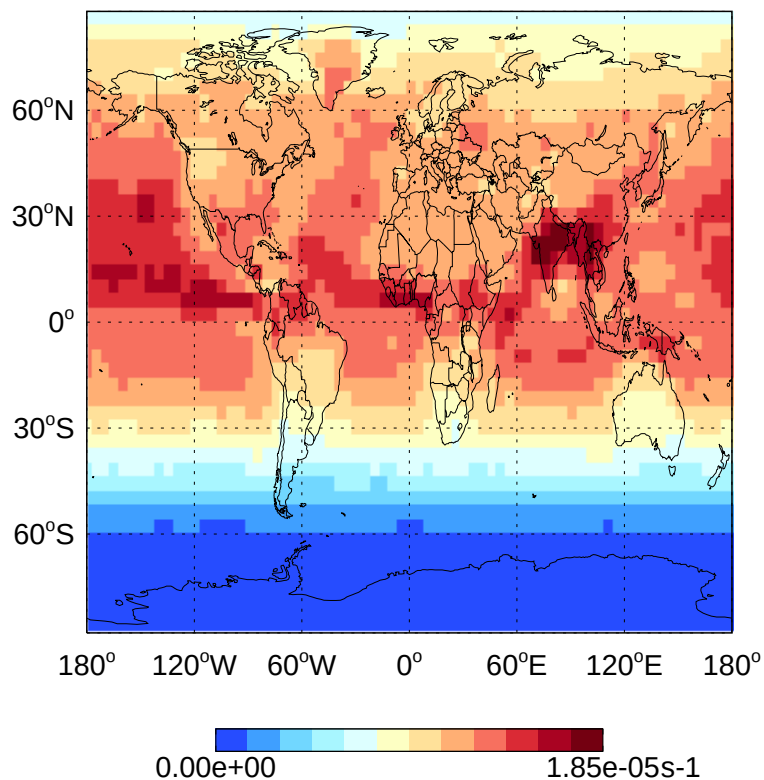
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JH2O2 - J-Value @ surface for Jul



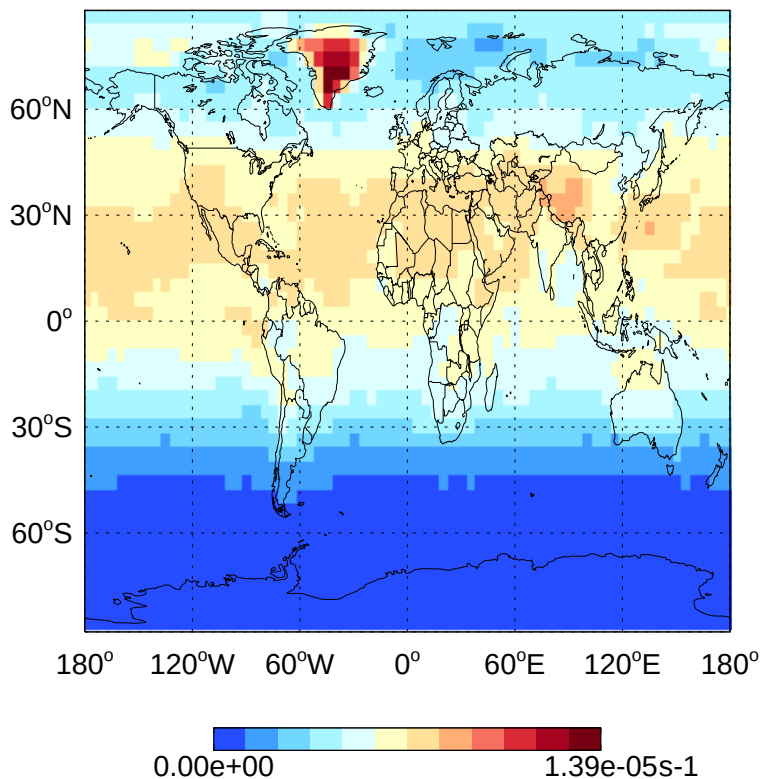
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JH2O2 - J-Value @ 500 hPa for Jul



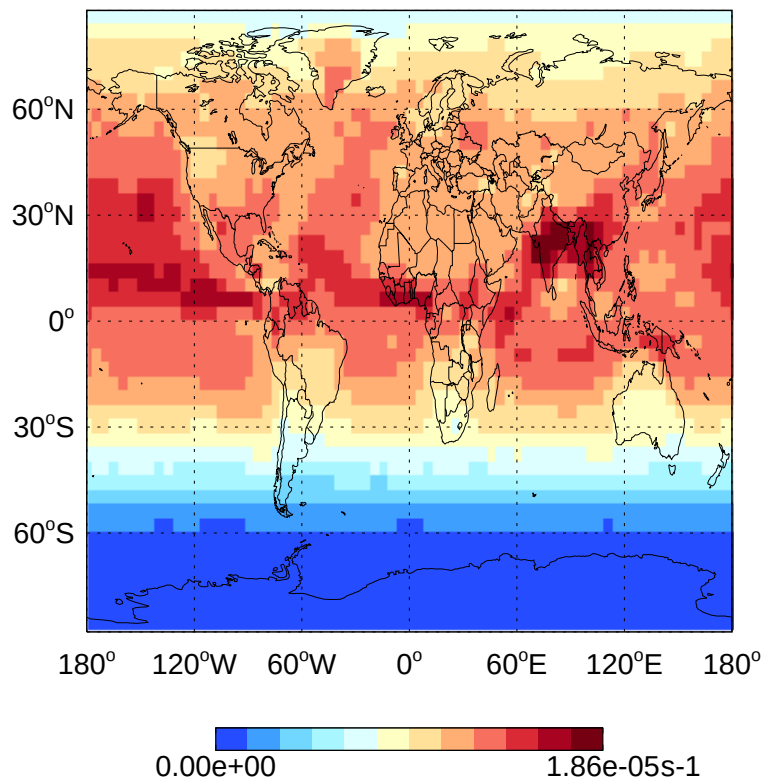
v11-02d-Run1

JH2O2 - J-Value @ surface for Jul



v11-02d-Run1

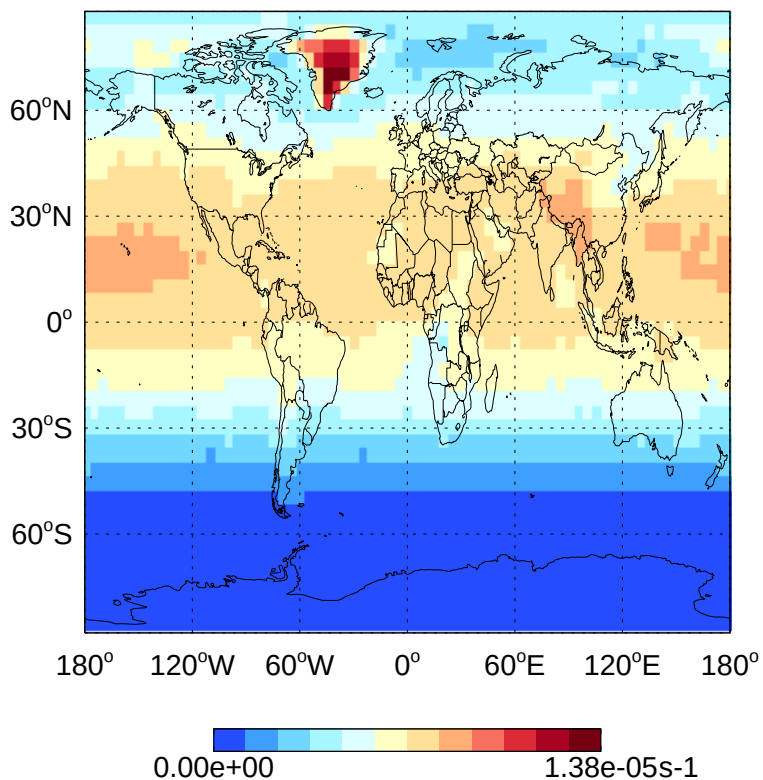
JH2O2 - J-Value @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

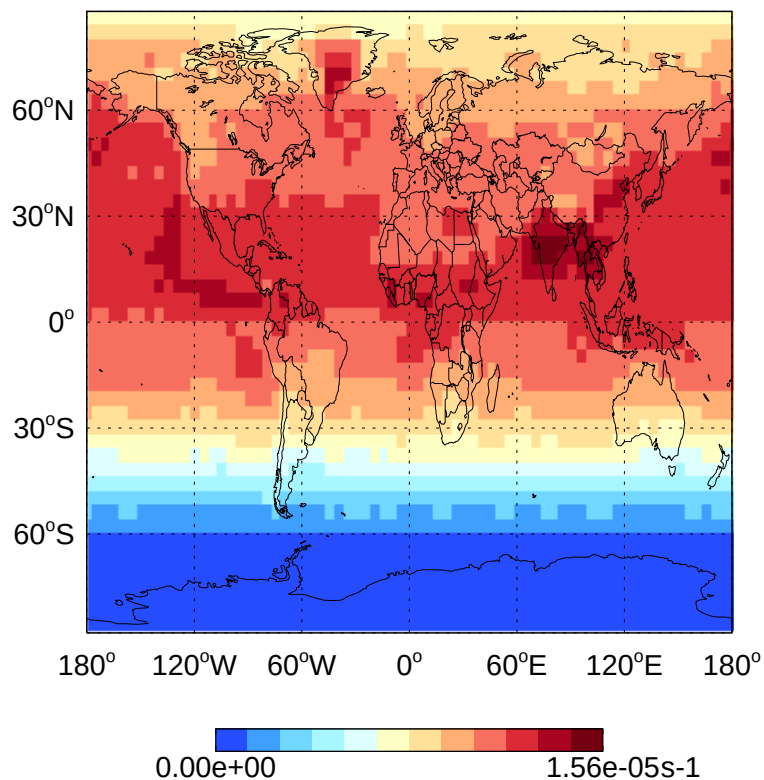
v11-02e-Run0

JH2O2 - J-Value @ surface for Jul



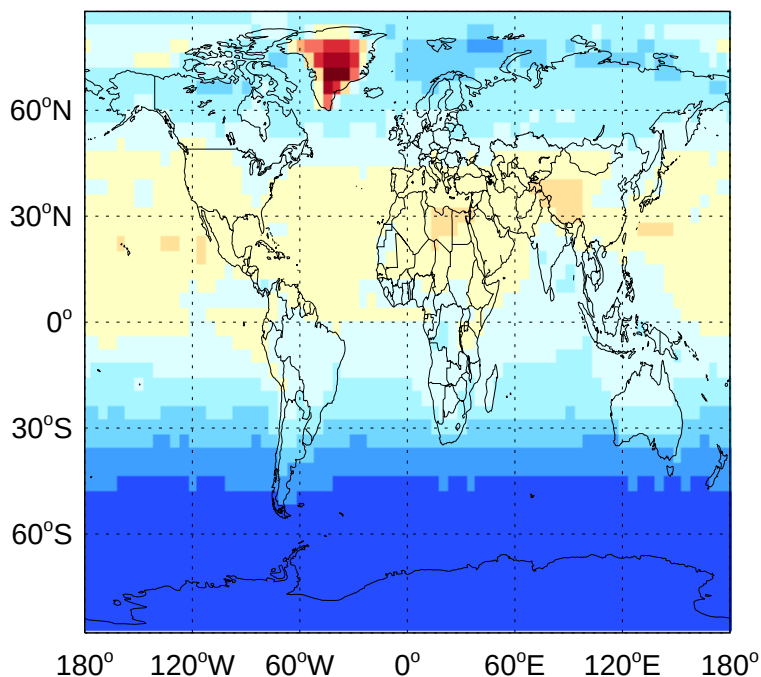
v11-02e-Run0

JH2O2 - J-Value @ 500 hPa for Jul



v11-02c-Run0

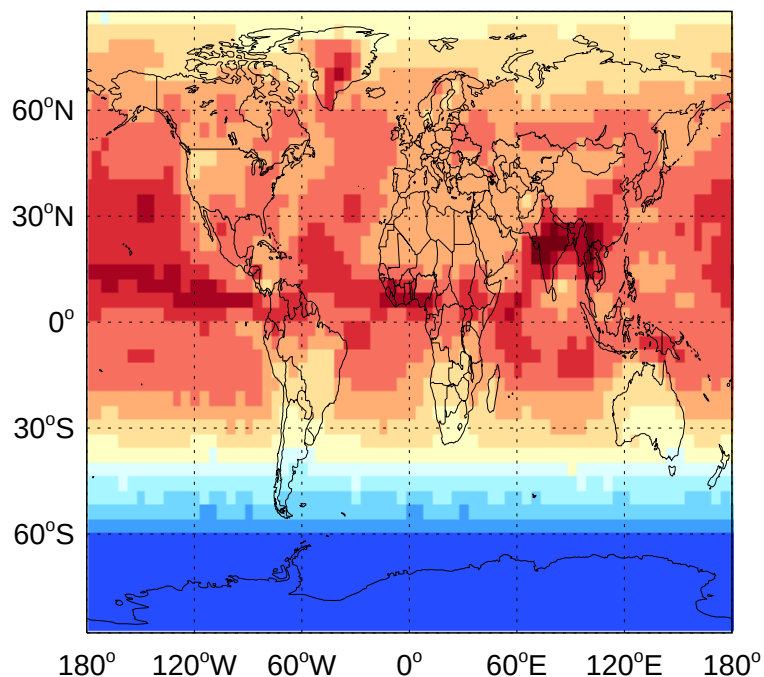
JCH2O - J-Value @ surface for Jul



0.00e+00 1.81e-04s-1

v11-02c-Run0

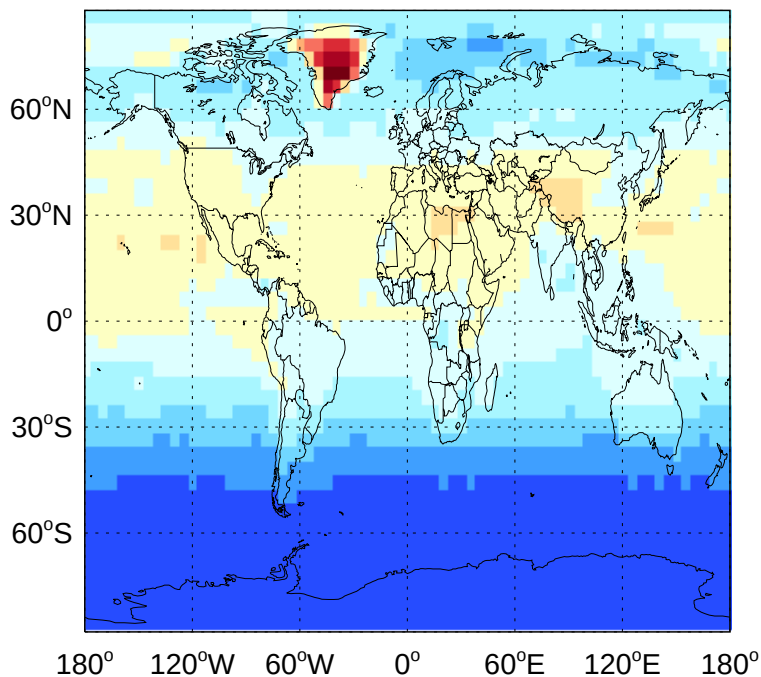
JCH2O - J-Value @ 500 hPa for Jul



0.00e+00 2.25e-04s-1

v11-02d-Run1

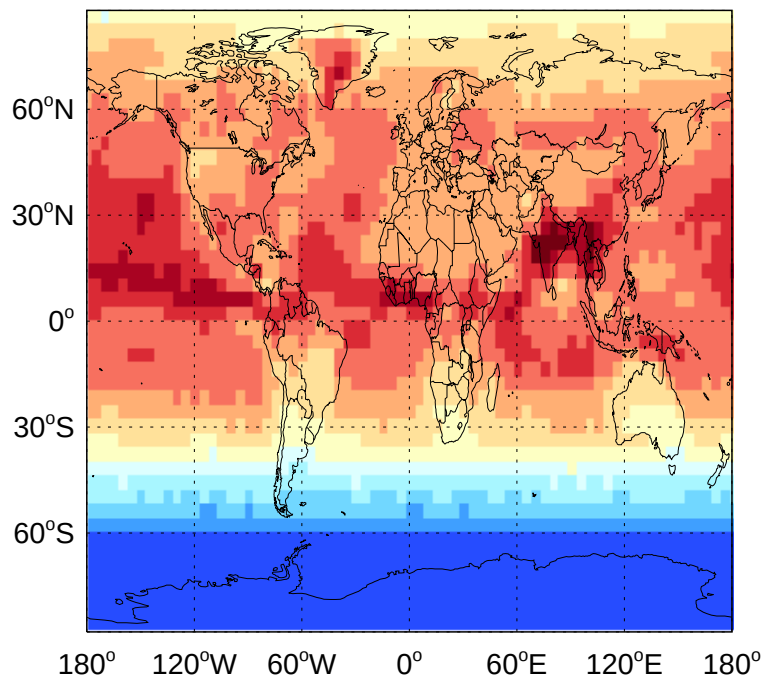
JCH2O - J-Value @ surface for Jul



0.00e+00 1.82e-04s-1

v11-02d-Run1

JCH2O - J-Value @ 500 hPa for Jul

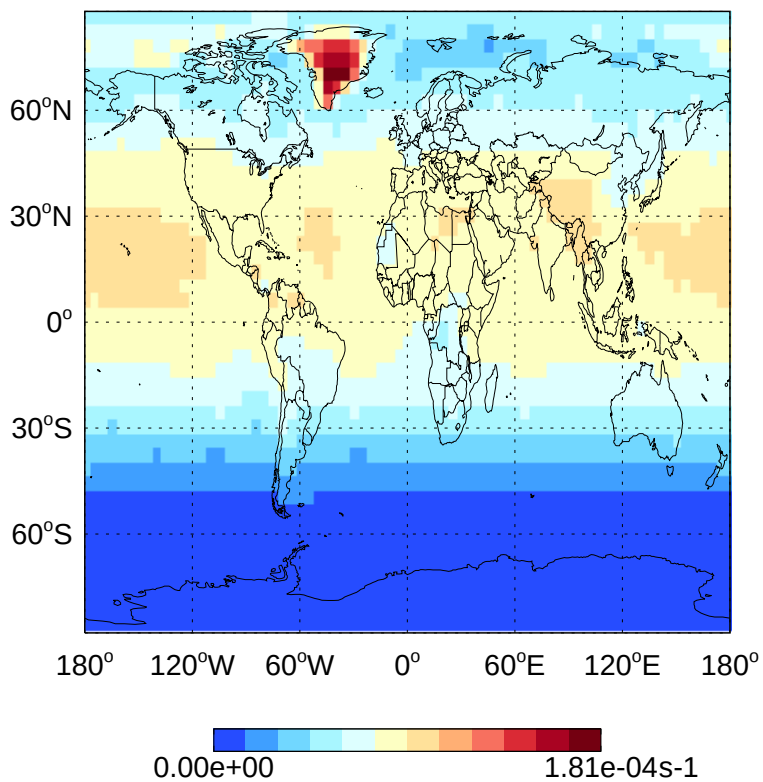


0.00e+00 2.25e-04s-1

GEOS-Chem J-Values at surface and 500 hPa

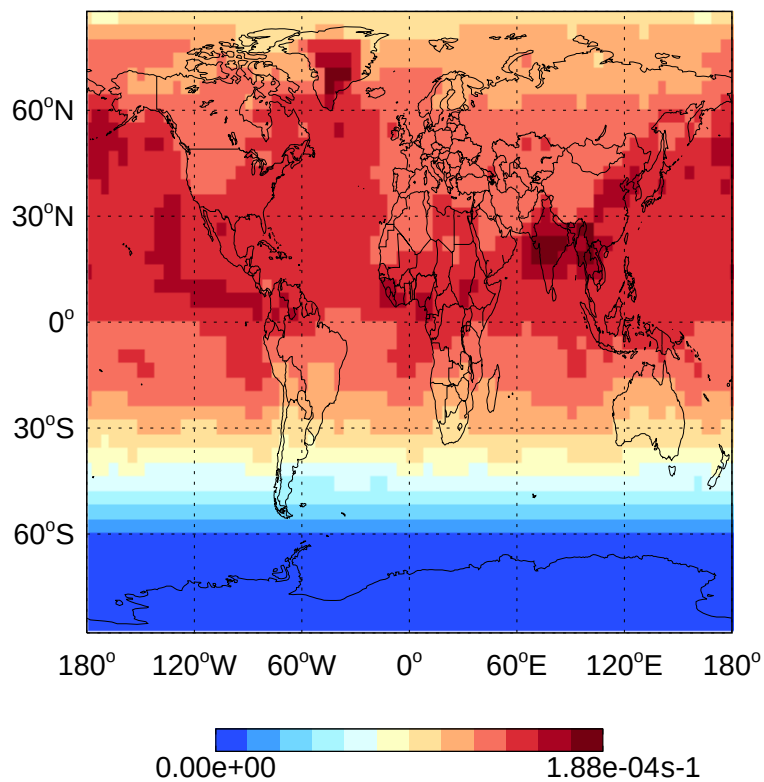
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JCH₂O - J-Value @ surface for Jul



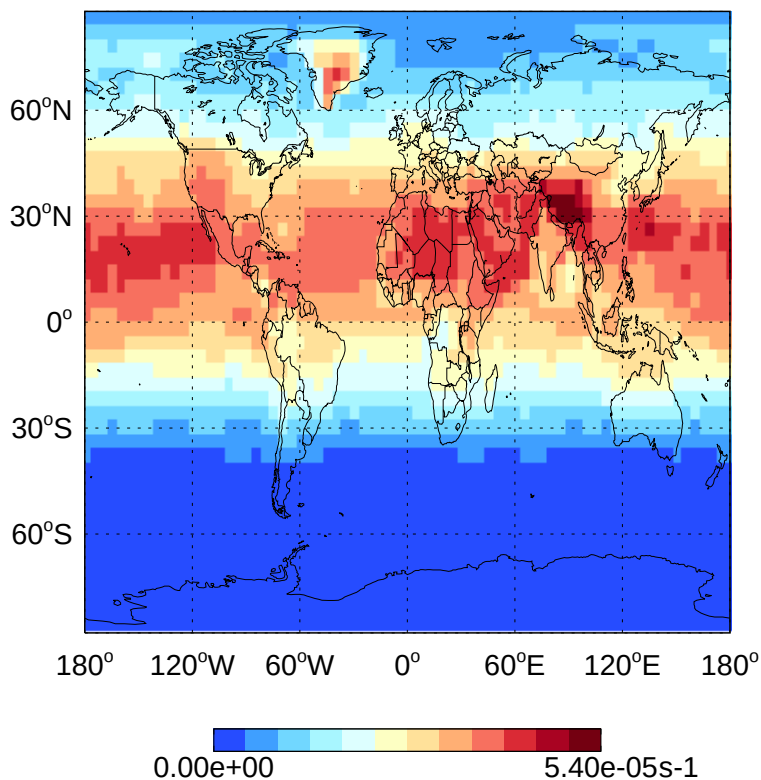
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JCH₂O - J-Value @ 500 hPa for Jul



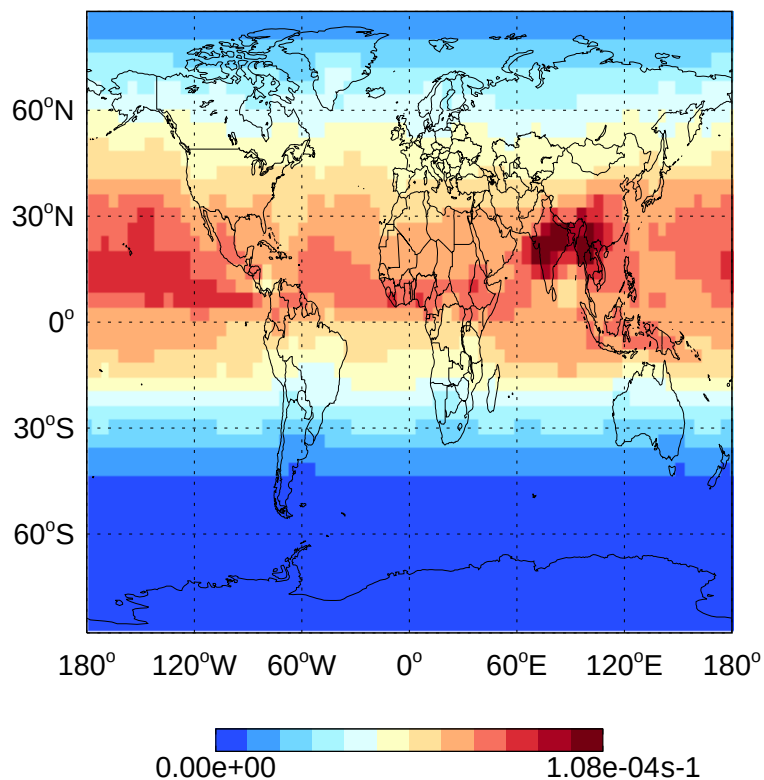
v11-02c-Run0

JO3_O1D - J-Value @ surface for Jul



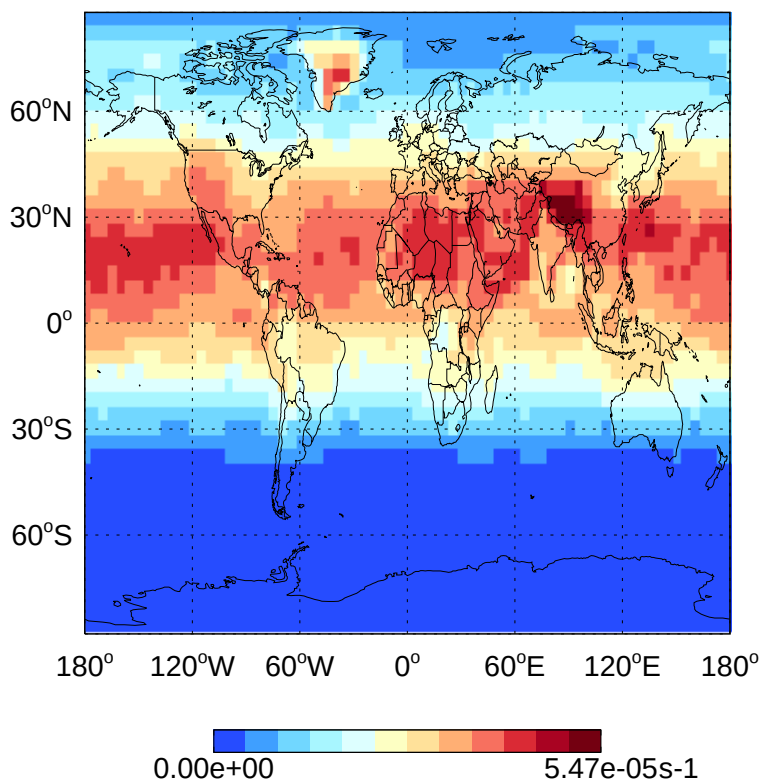
v11-02c-Run0

JO3_O1D - J-Value @ 500 hPa for Jul



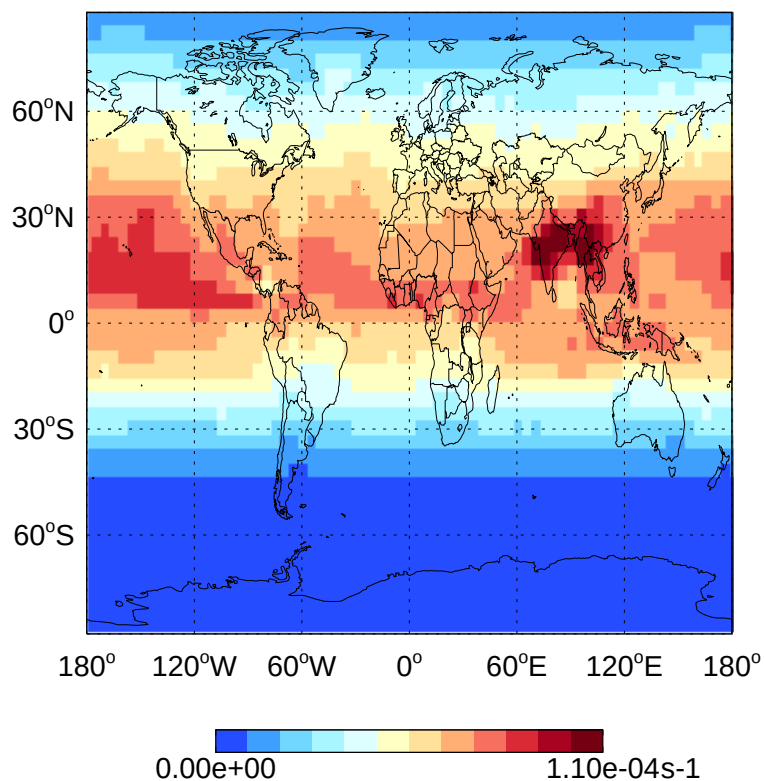
v11-02d-Run1

JO3_O1D - J-Value @ surface for Jul



v11-02d-Run1

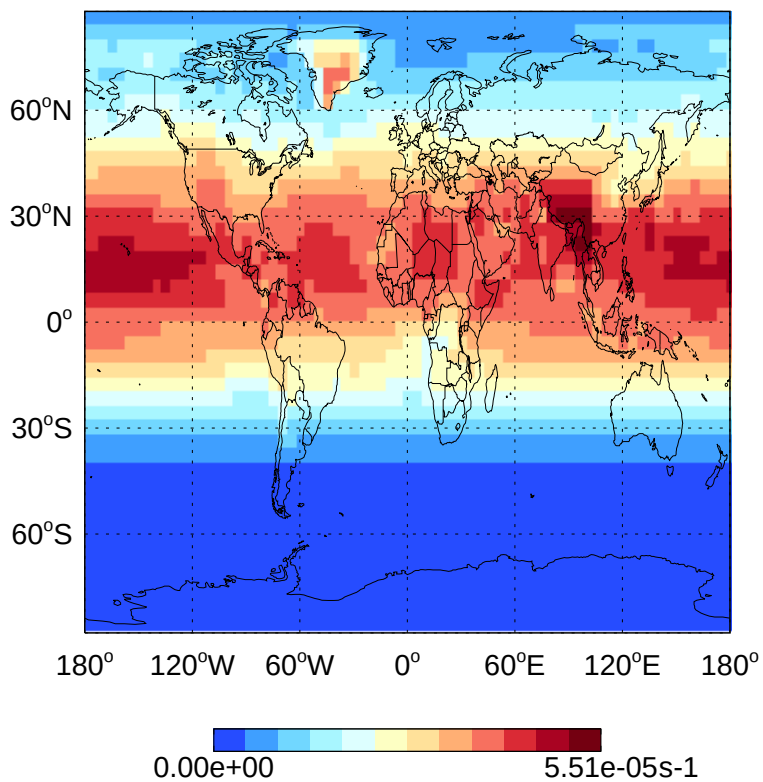
JO3_O1D - J-Value @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

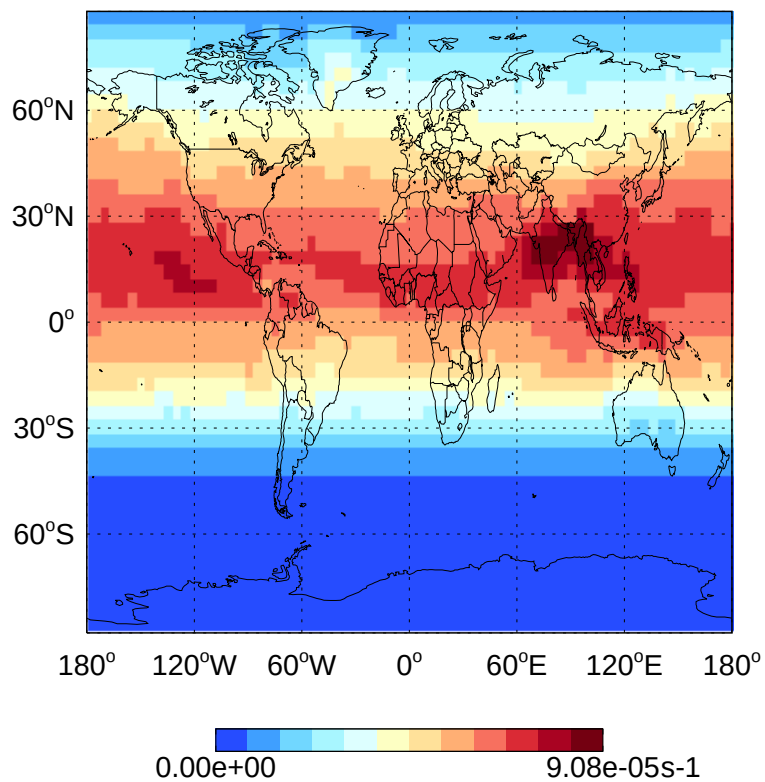
v11-02e-Run0

JO3_O1D - J-Value @ surface for Jul



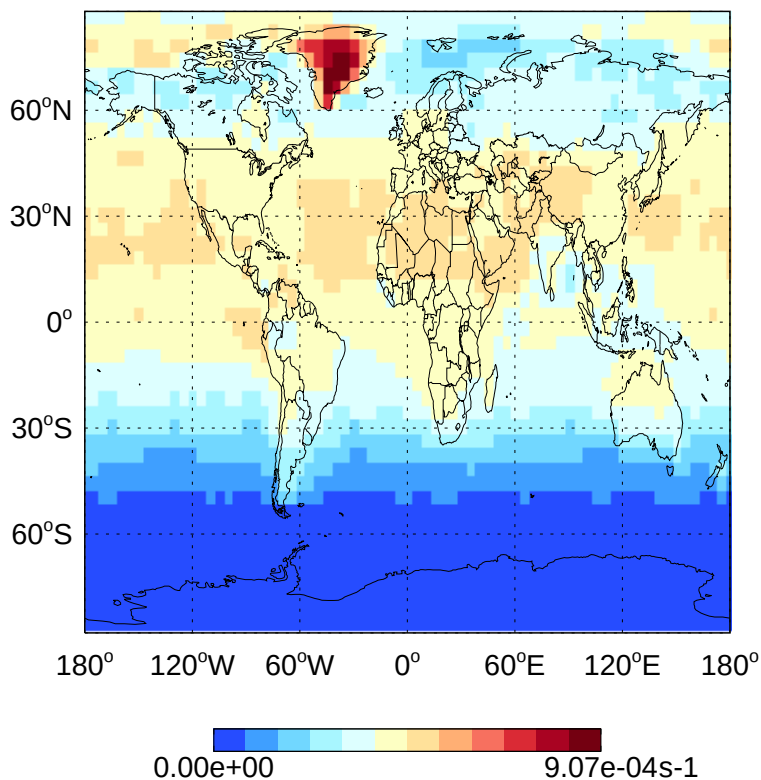
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JO3_O1D - J-Value @ 500 hPa for Jul



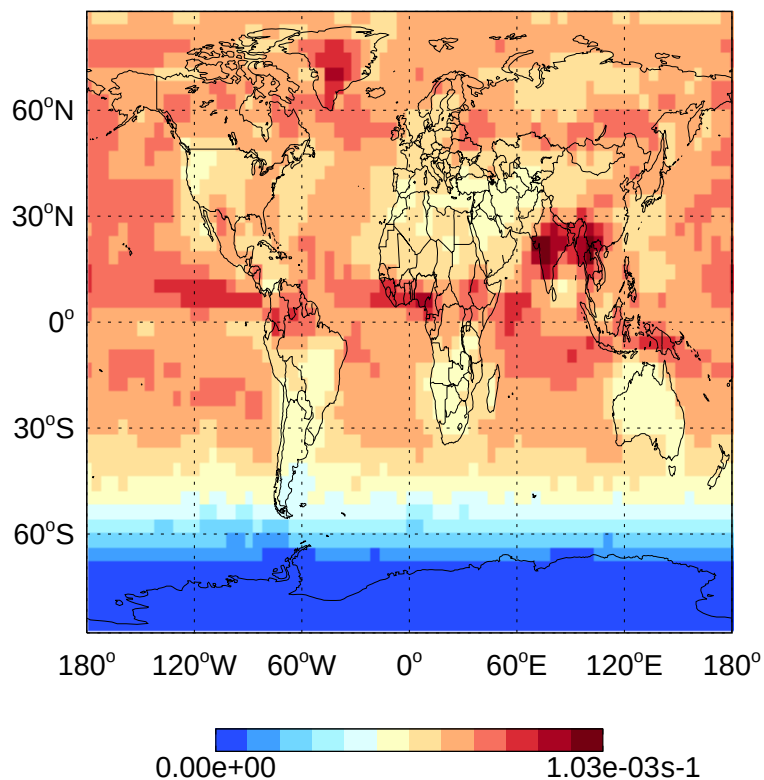
v11-02c-Run0

JO3_O3P - J-Value @ surface for Jul



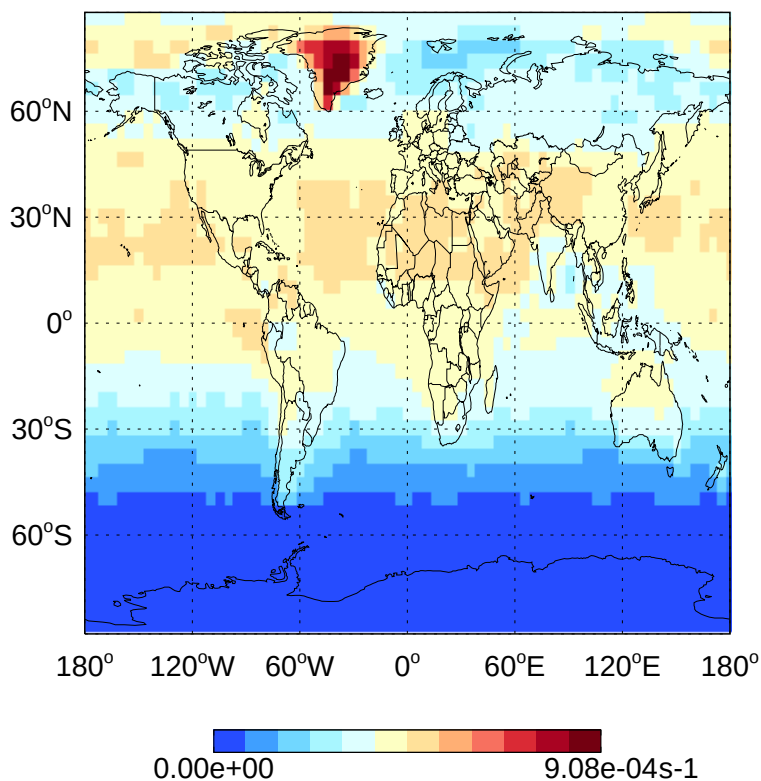
v11-02c-Run0

JO3_O3P - J-Value @ 500 hPa for Jul



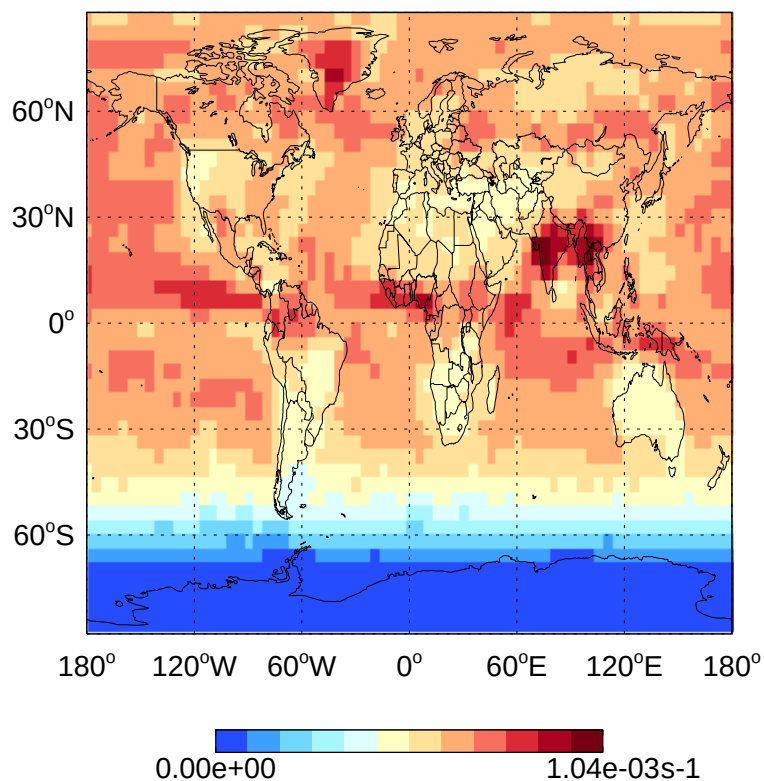
v11-02d-Run1

JO3_O3P - J-Value @ surface for Jul



v11-02d-Run1

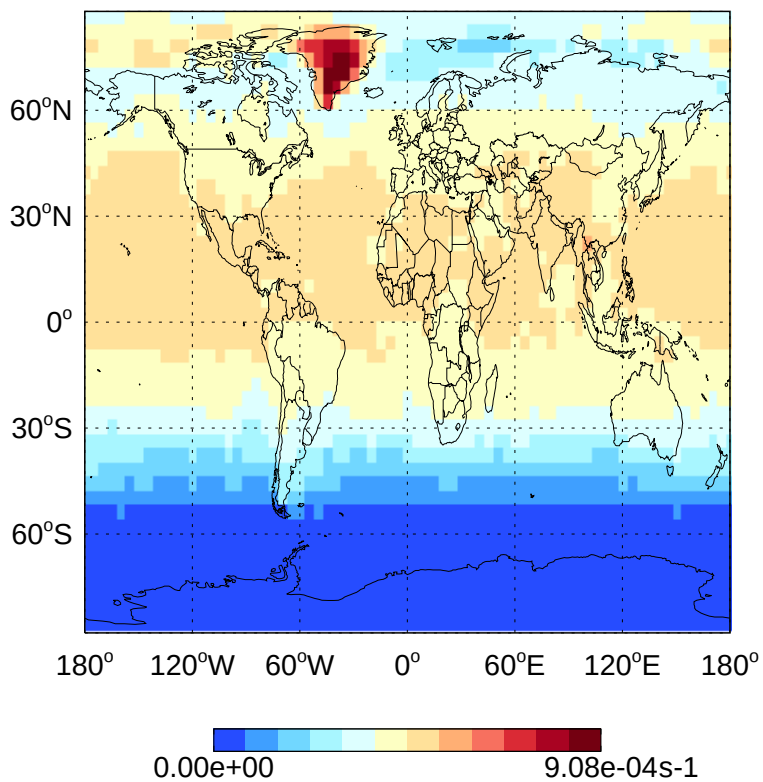
JO3_O3P - J-Value @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

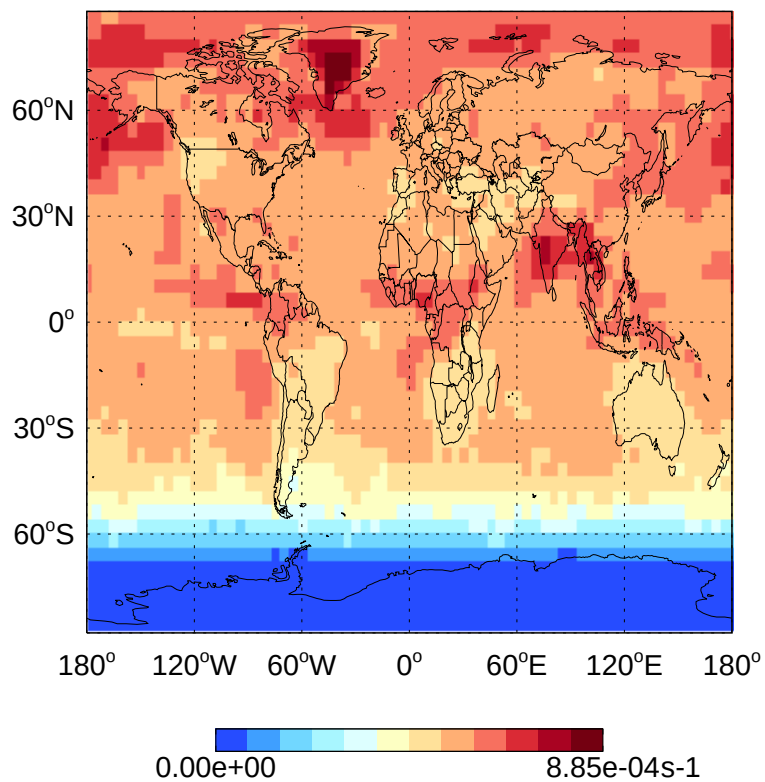
v11-02e-Run0

JO3_O3P - J-Value @ surface for Jul



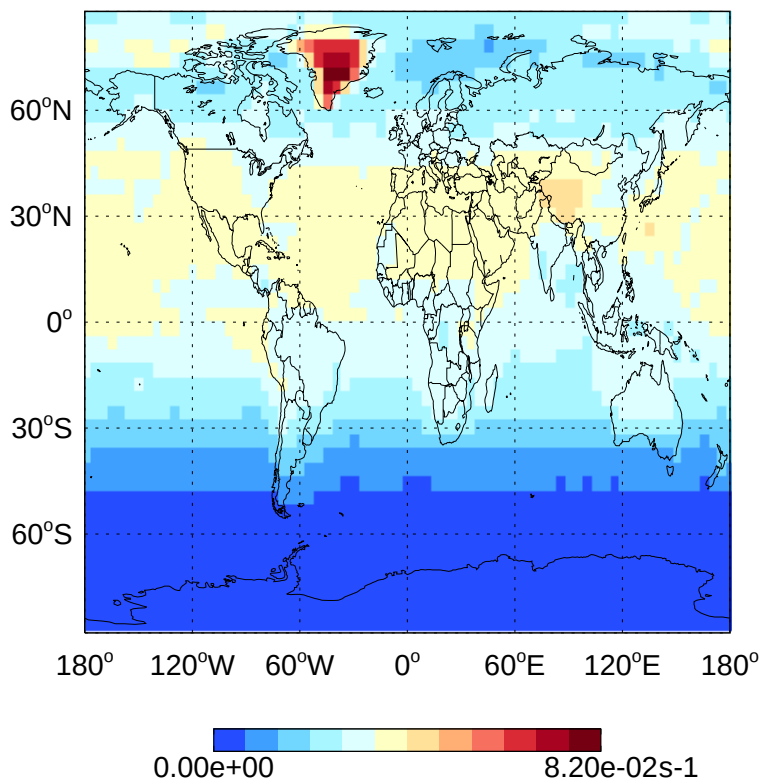
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JO3_O3P - J-Value @ 500 hPa for Jul



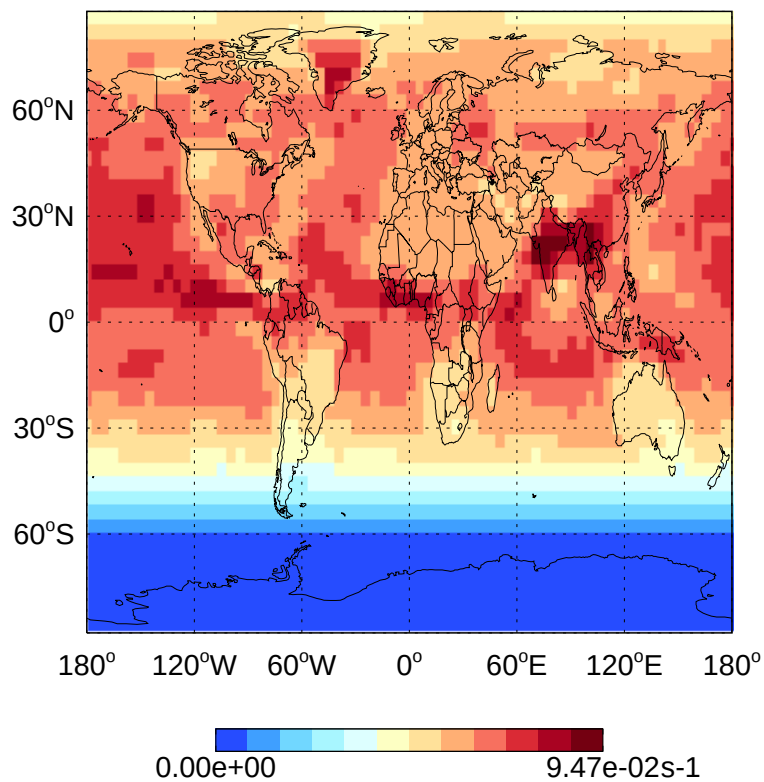
v11-02c-Run0

JBrO - J-Value @ surface for Jul



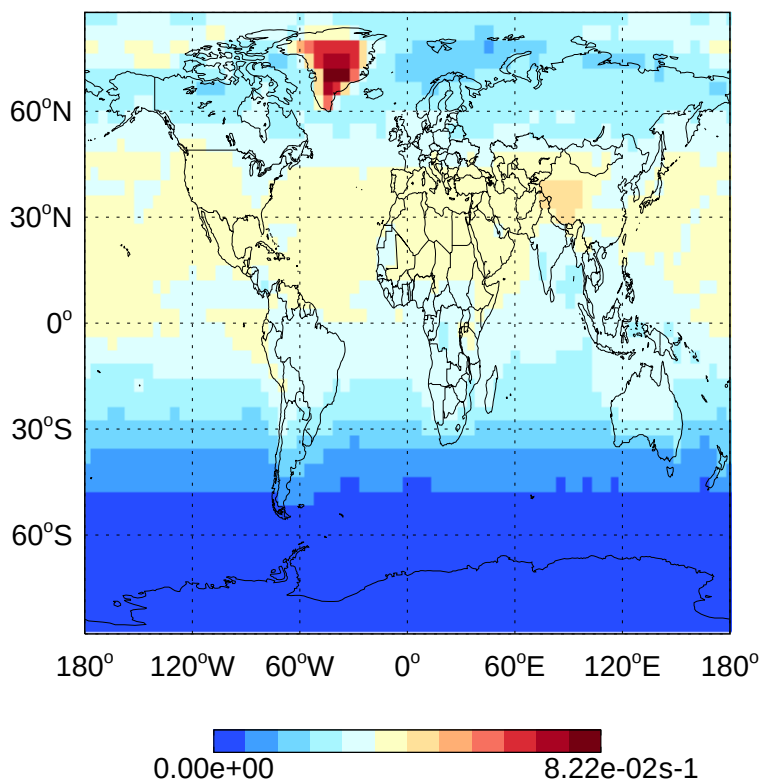
v11-02c-Run0

JBrO - J-Value @ 500 hPa for Jul



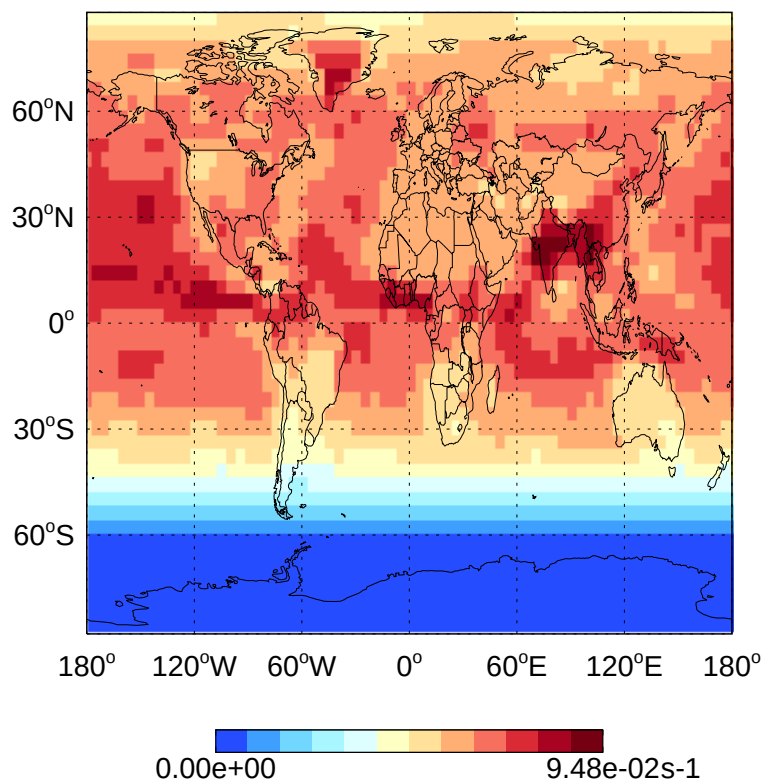
v11-02d-Run1

JBrO - J-Value @ surface for Jul



v11-02d-Run1

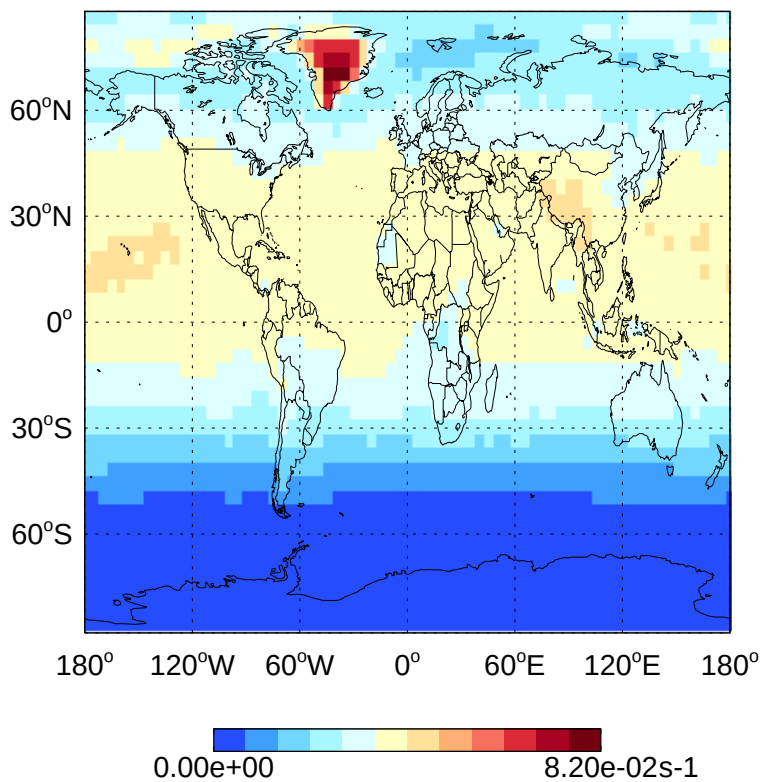
JBrO - J-Value @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

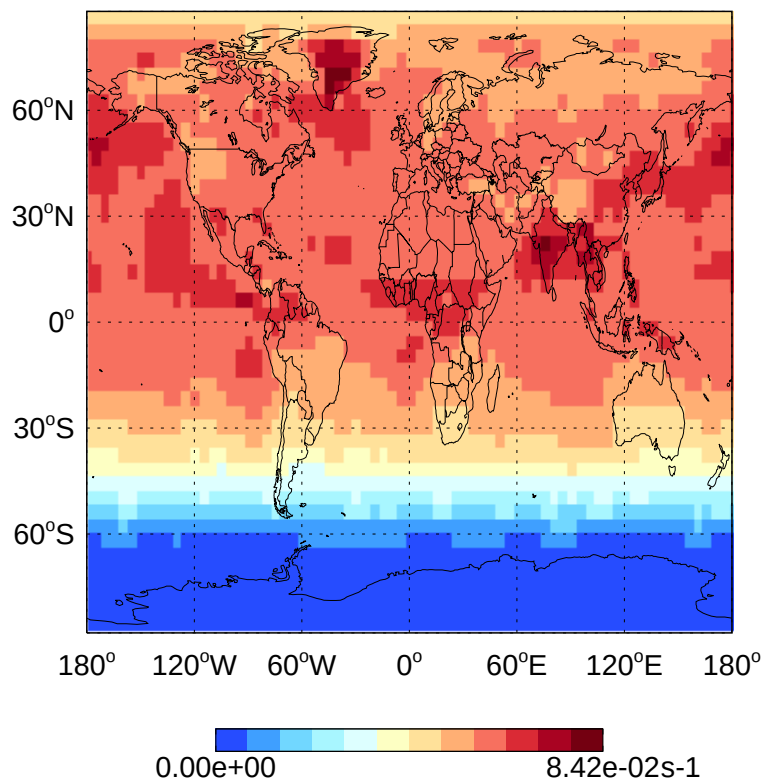
v11-02e-Run0

JBrO - J-Value @ surface for Jul



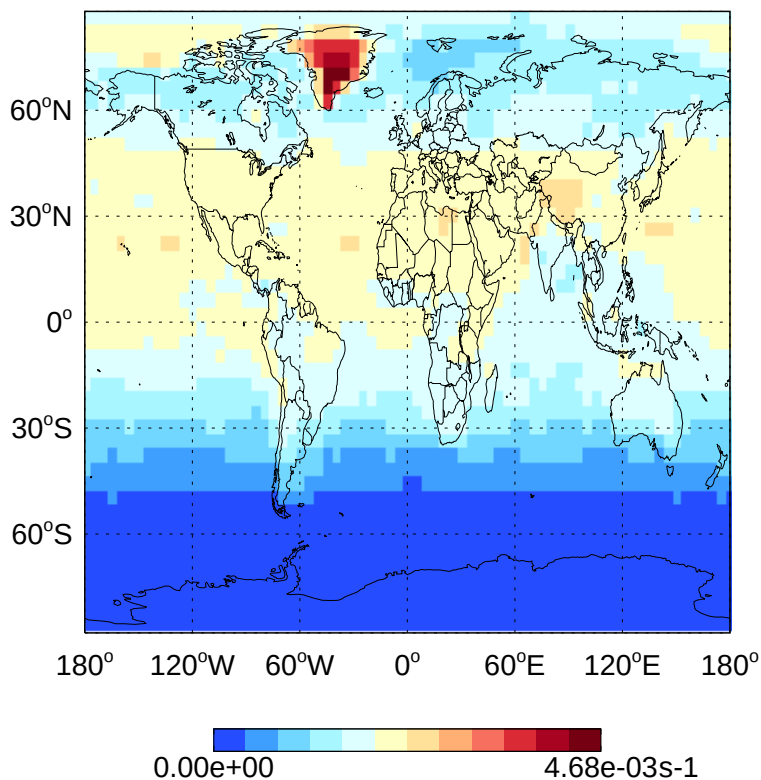
v11-02e-Run0

JBrO - J-Value @ 500 hPa for Jul



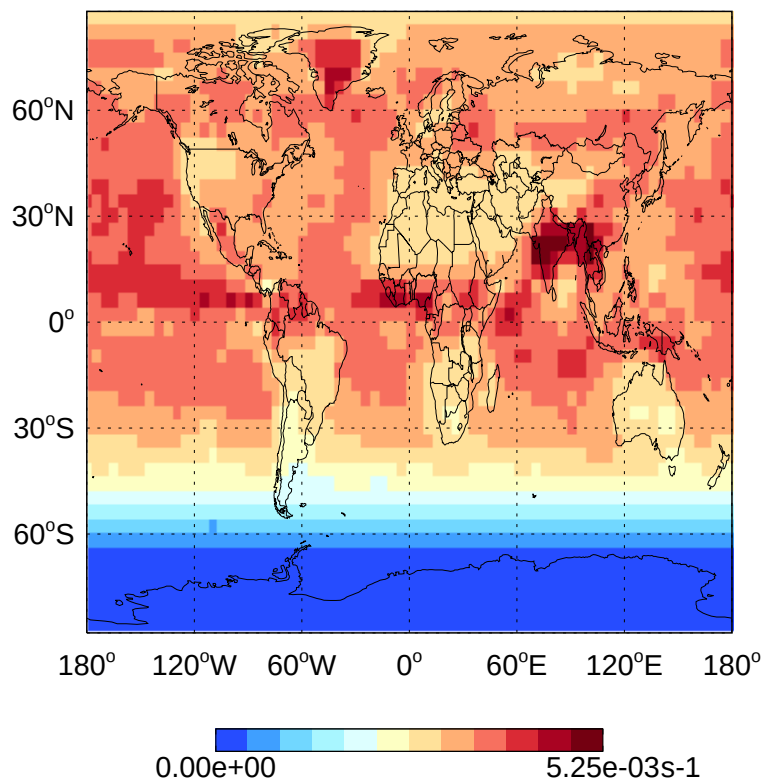
v11-02c-Run0

JHOB_r - J-Value @ surface for Jul



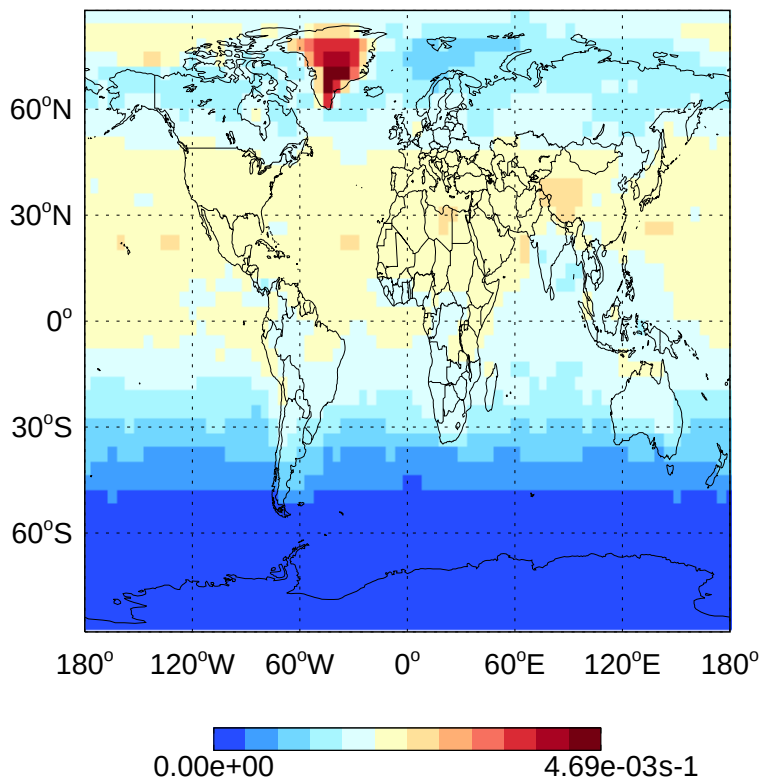
v11-02c-Run0

JHOB_r - J-Value @ 500 hPa for Jul



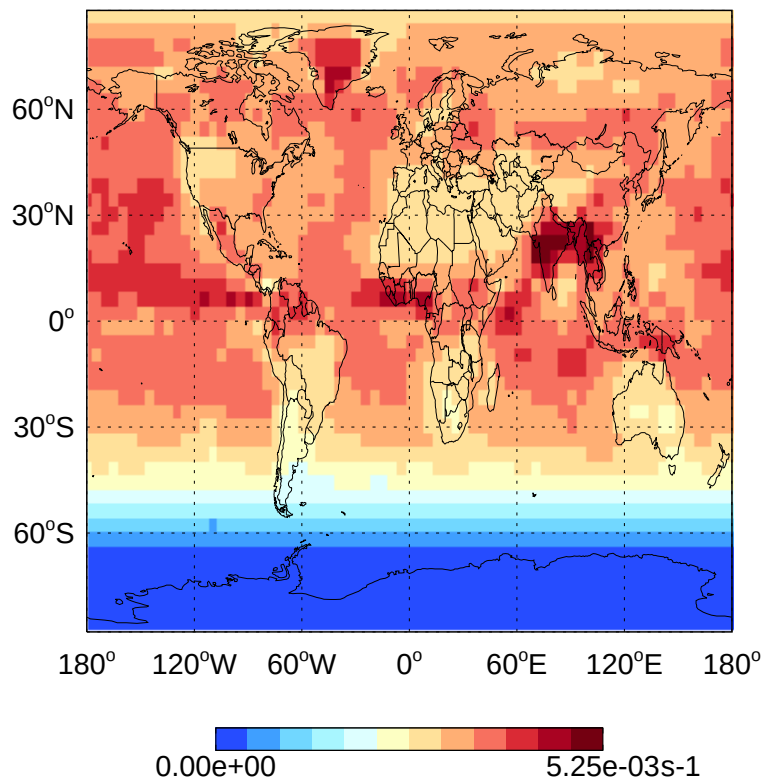
v11-02d-Run1

JHOB_r - J-Value @ surface for Jul



v11-02d-Run1

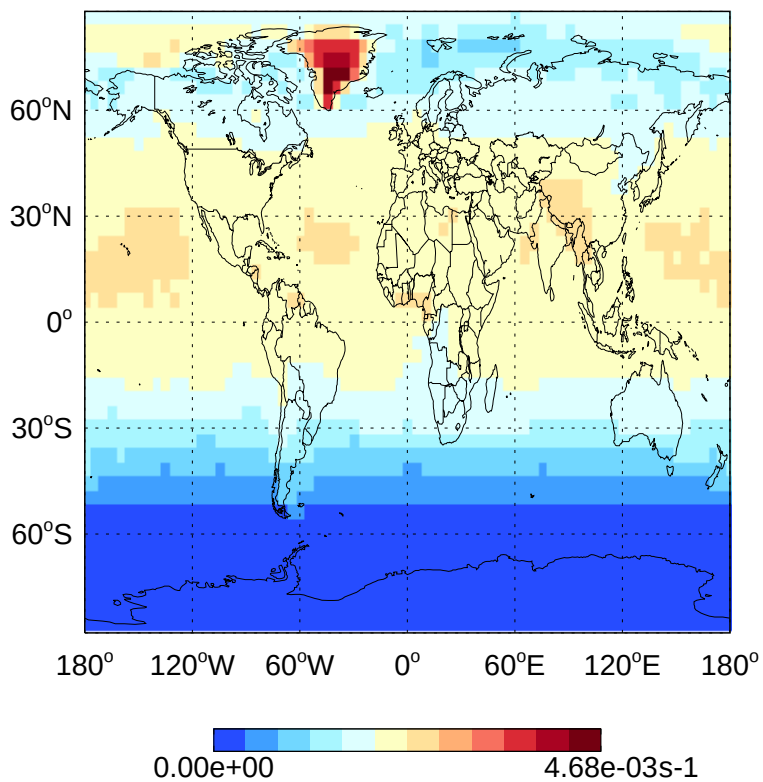
JHOB_r - J-Value @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

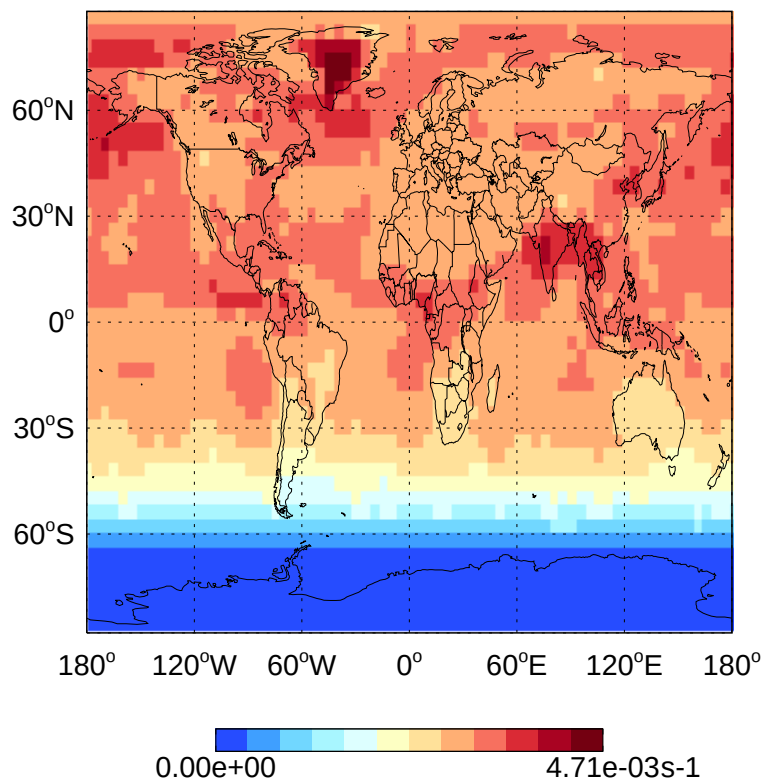
v11-02e-Run0

JHOBr - J-Value @ surface for Jul



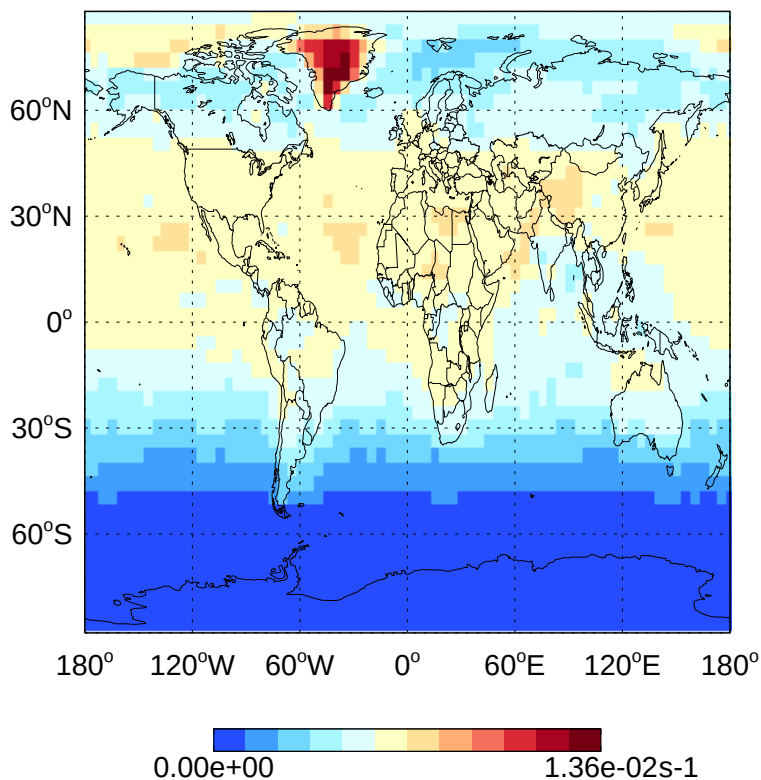
v11-02e-Run0

JHOBr - J-Value @ 500 hPa for Jul



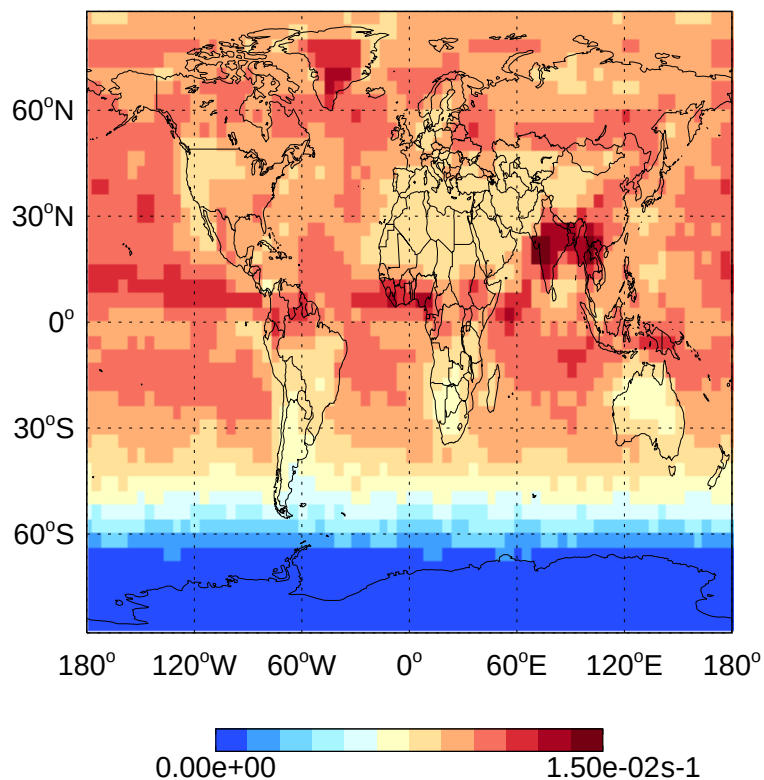
v11-02c-Run0

JBrNO₂ - J-Value @ surface for Jul



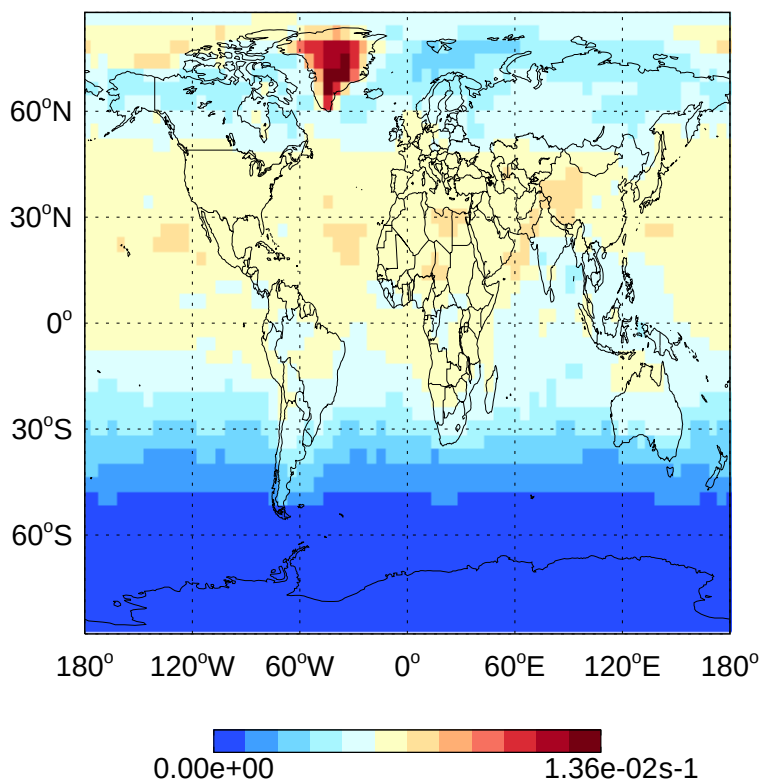
v11-02c-Run0

JBrNO₂ - J-Value @ 500 hPa for Jul



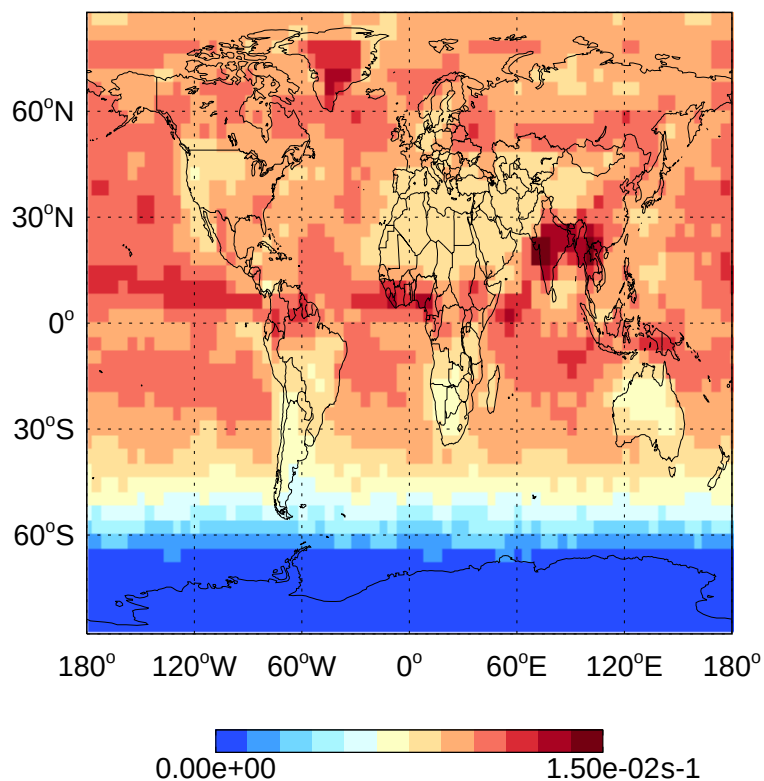
v11-02d-Run1

JBrNO₂ - J-Value @ surface for Jul



v11-02d-Run1

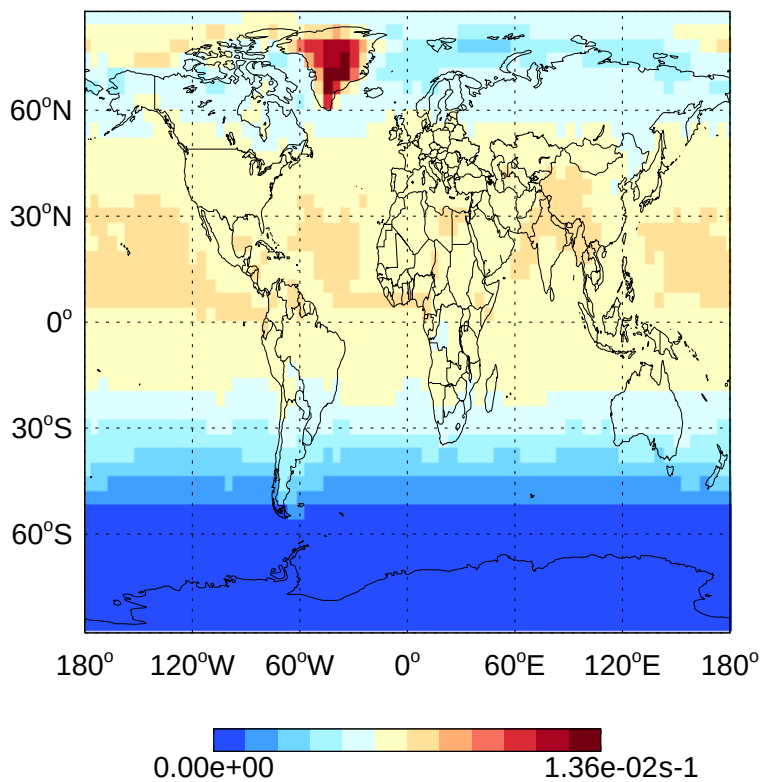
JBrNO₂ - J-Value @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

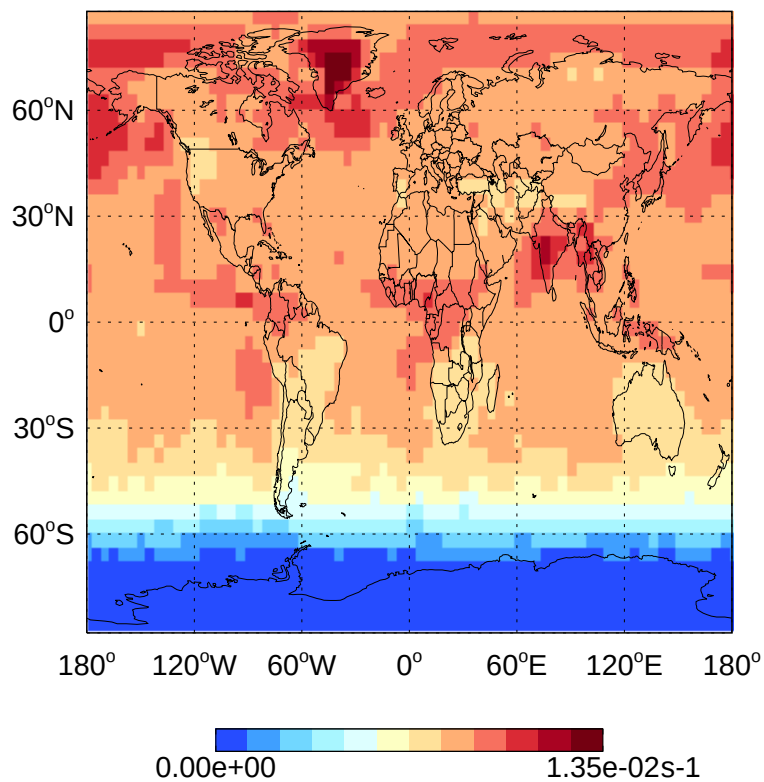
v11-02e-Run0

JBrNO₂ - J-Value @ surface for Jul



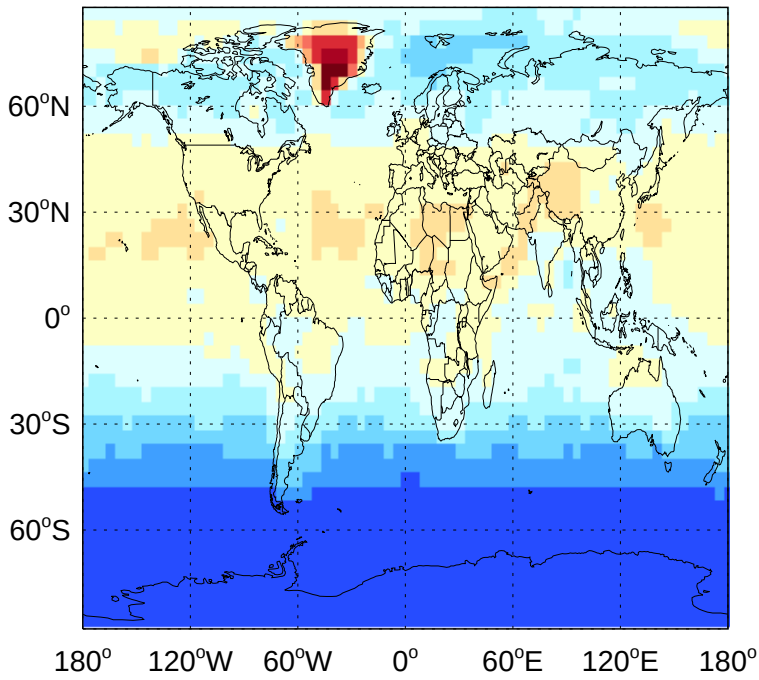
v11-02e-Run0

JBrNO₂ - J-Value @ 500 hPa for Jul



v11-02c-Run0

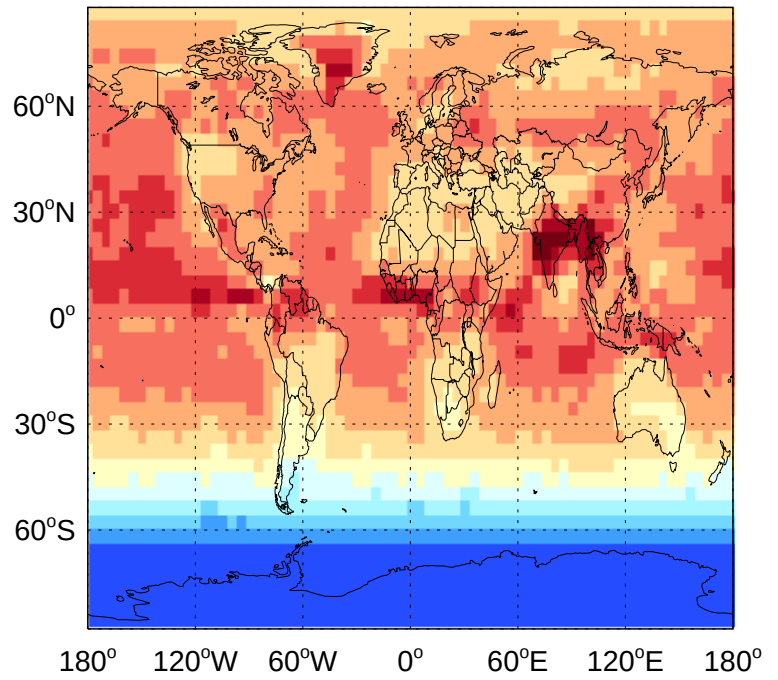
JBrNO3 - J-Value @ surface for Jul



0.00e+00 2.85e-03s-1

v11-02c-Run0

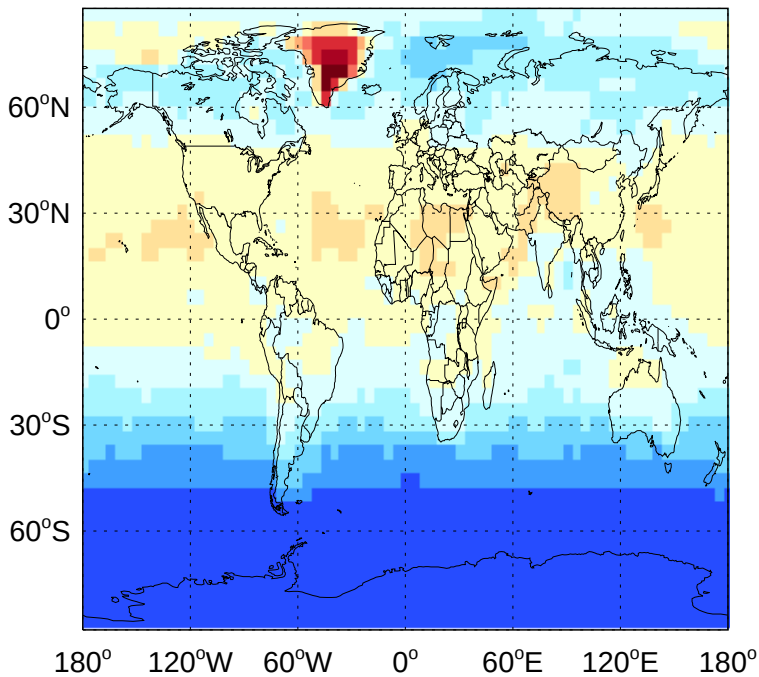
JBrNO3 - J-Value @ 500 hPa for Jul



0.00e+00 3.26e-03s-1

v11-02d-Run1

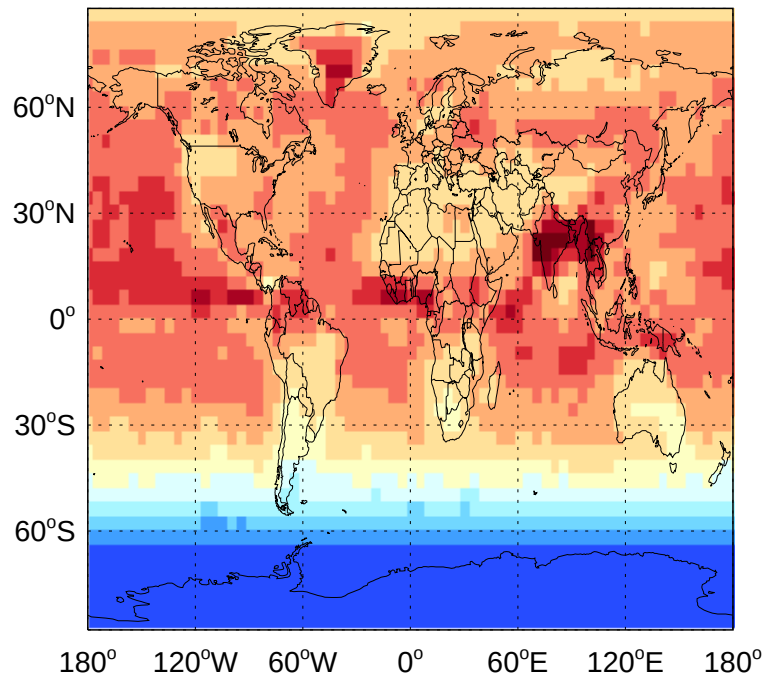
JBrNO3 - J-Value @ surface for Jul



0.00e+00 2.85e-03s-1

v11-02d-Run1

JBrNO3 - J-Value @ 500 hPa for Jul

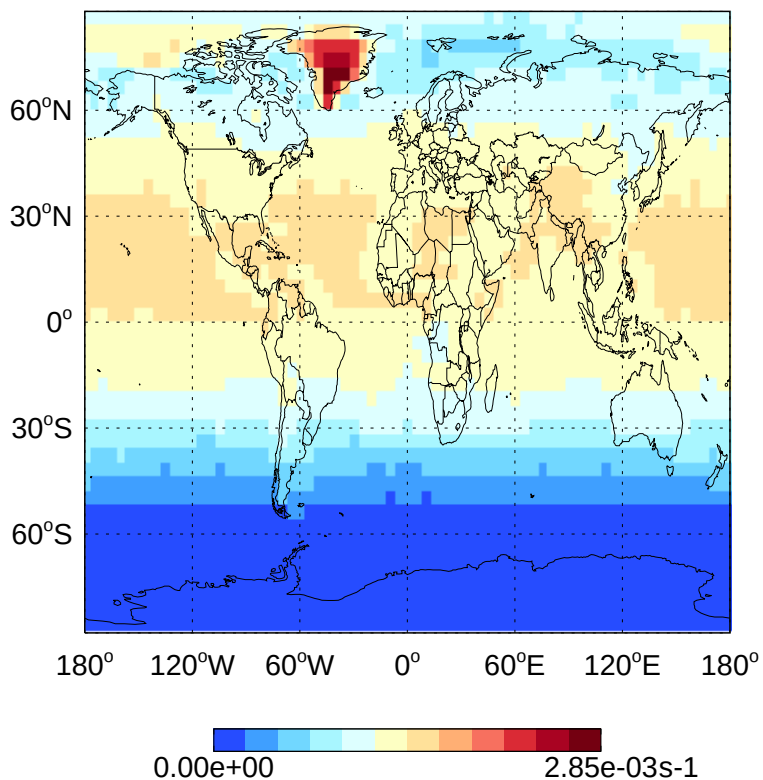


0.00e+00 3.26e-03s-1

GEOS-Chem J-Values at surface and 500 hPa

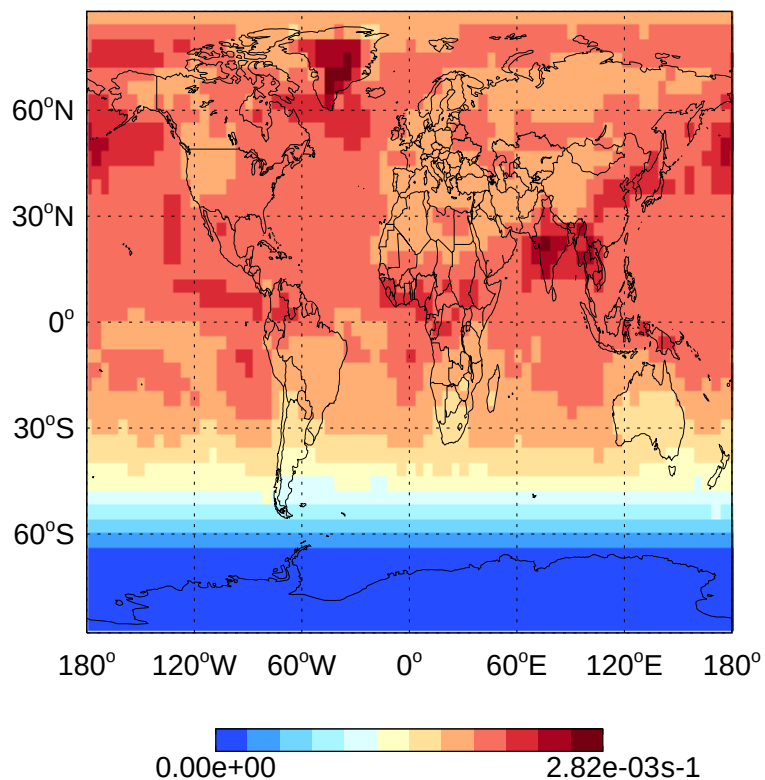
v11-02e-Run0

JBrNO3 - J-Value @ surface for Jul



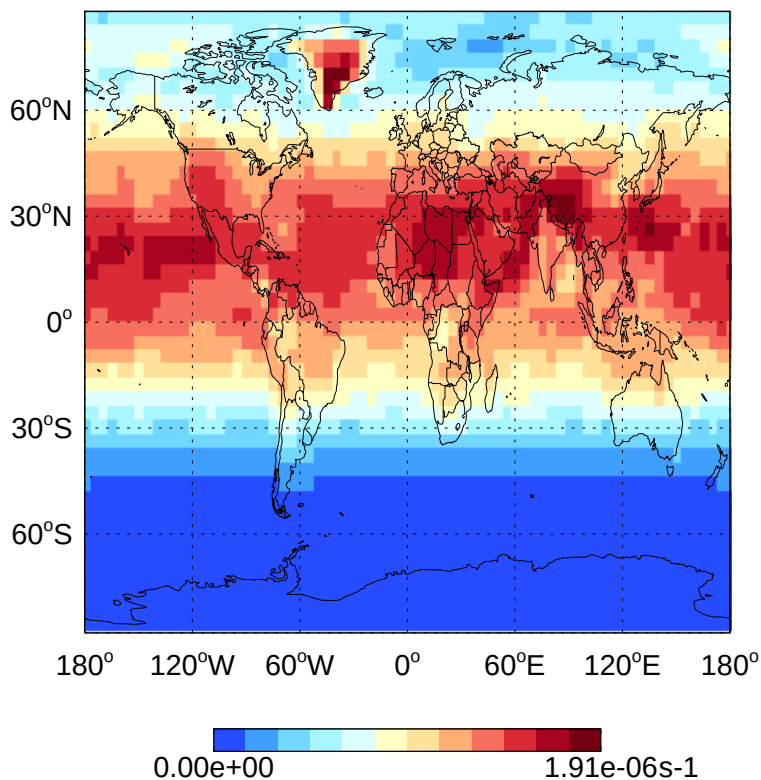
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JBrNO3 - J-Value @ 500 hPa for Jul



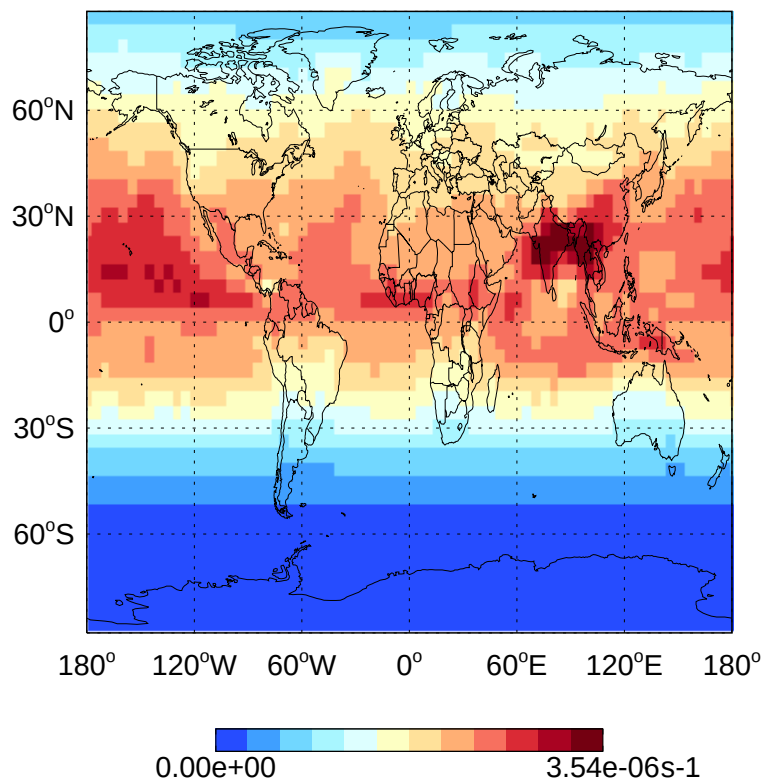
v11-02c-Run0

JCHBr3 - J-Value @ surface for Jul



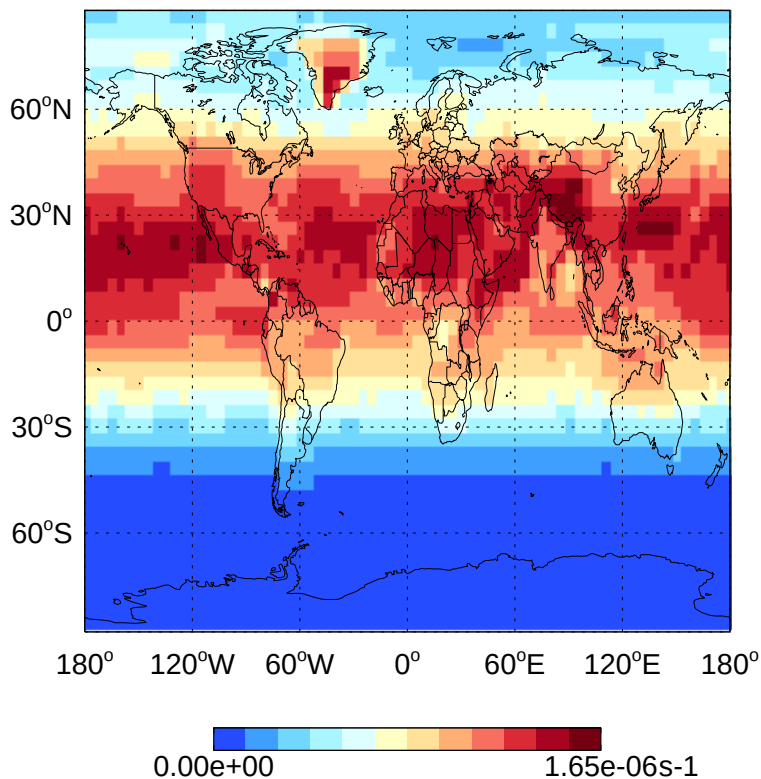
v11-02c-Run0

JCHBr3 - J-Value @ 500 hPa for Jul



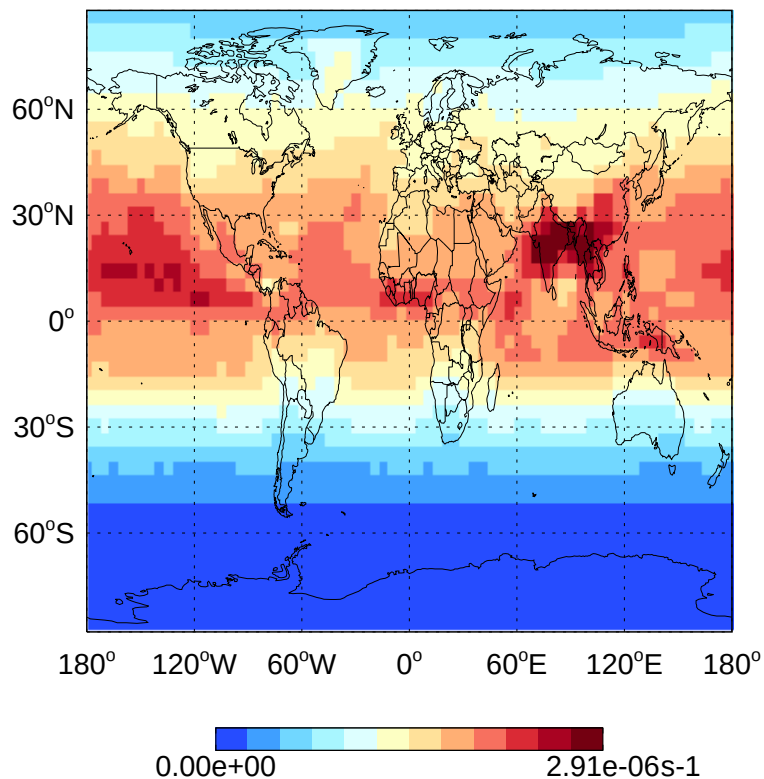
v11-02d-Run1

JCHBr3 - J-Value @ surface for Jul



v11-02d-Run1

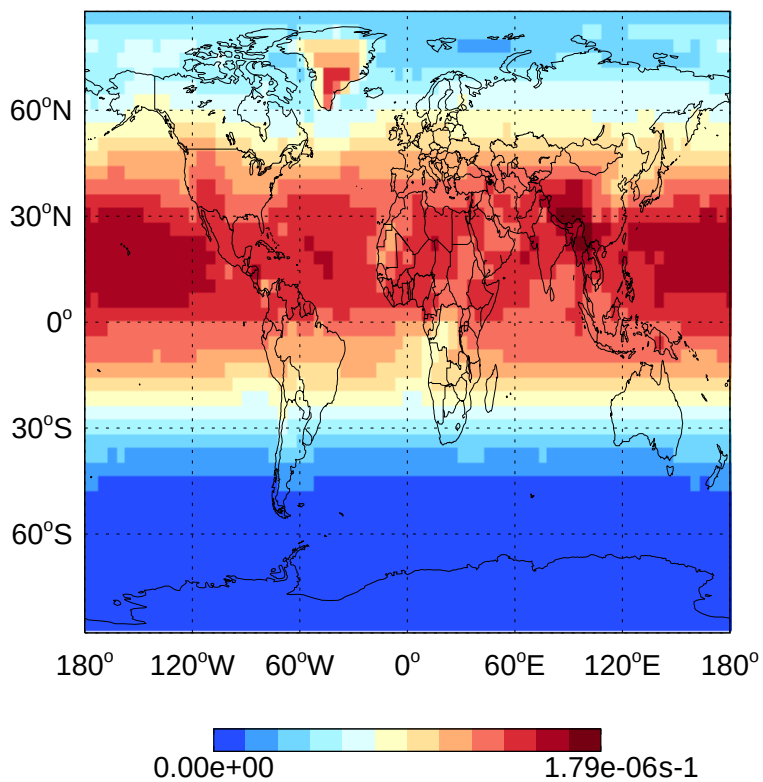
JCHBr3 - J-Value @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

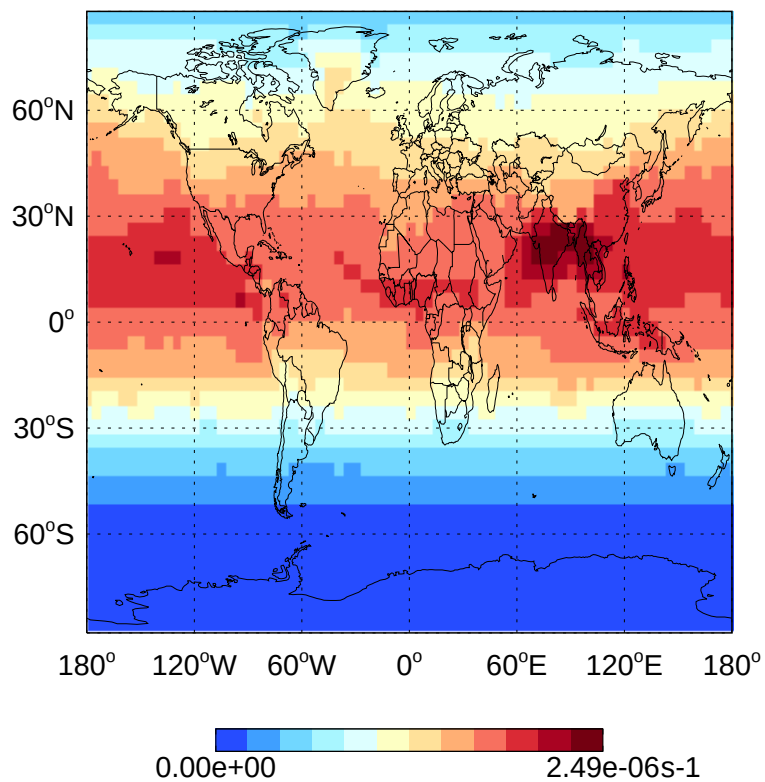
v11-02e-Run0

JCHBr3 - J-Value @ surface for Jul



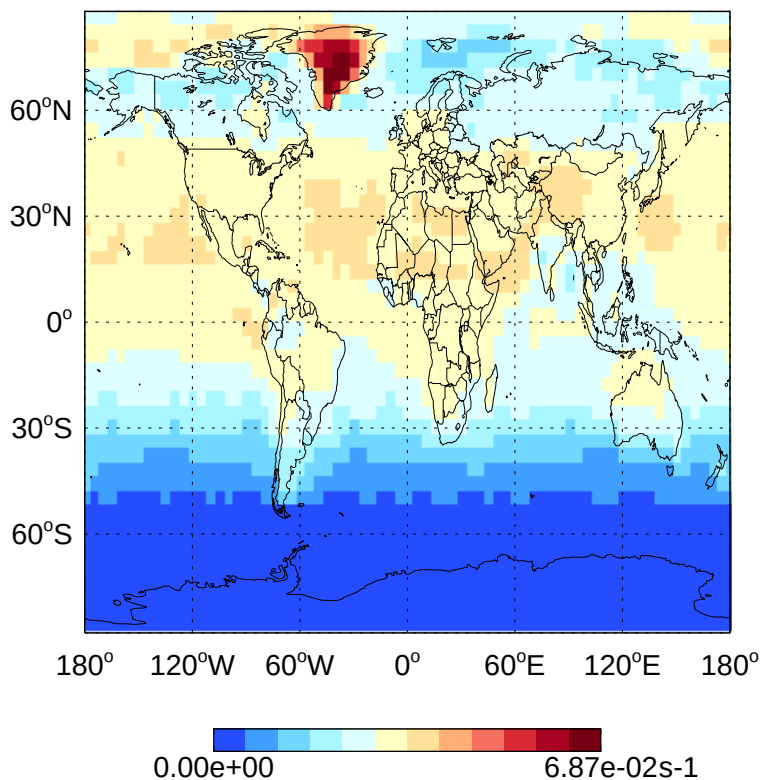
v11-02e-Run0

JCHBr3 - J-Value @ 500 hPa for Jul



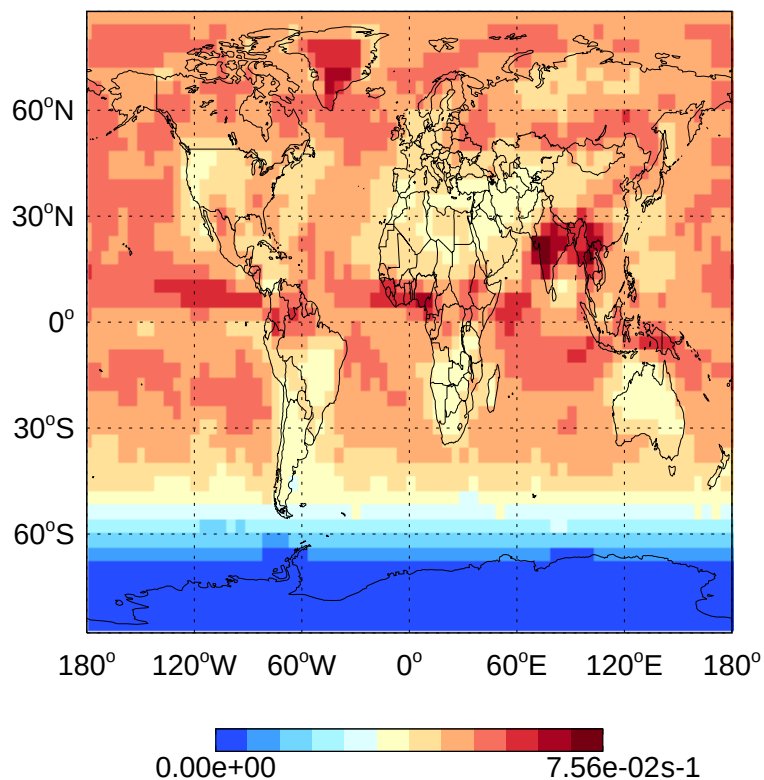
v11-02c-Run0

JBr2 - J-Value @ surface for Jul



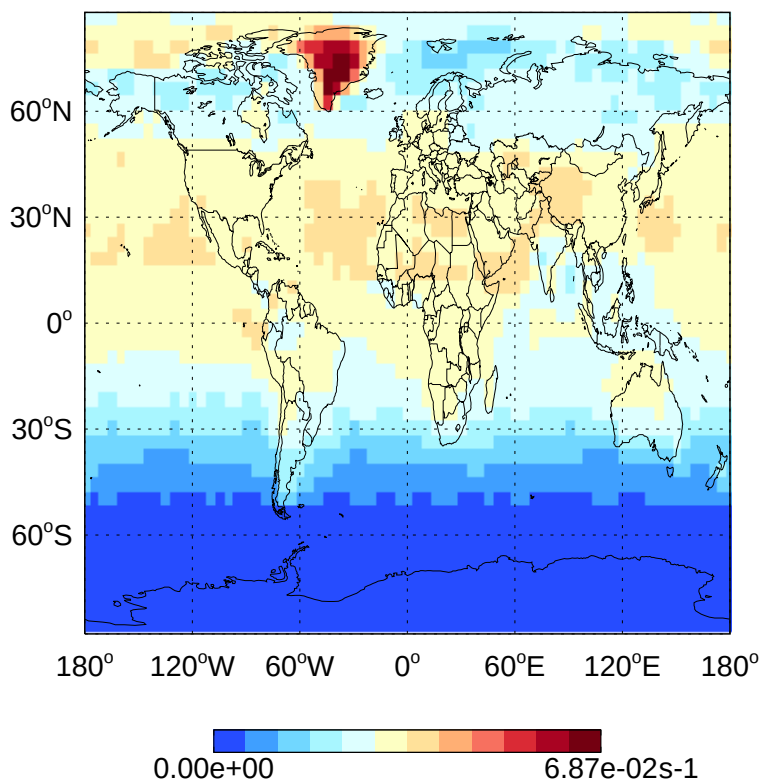
v11-02c-Run0

JBr2 - J-Value @ 500 hPa for Jul



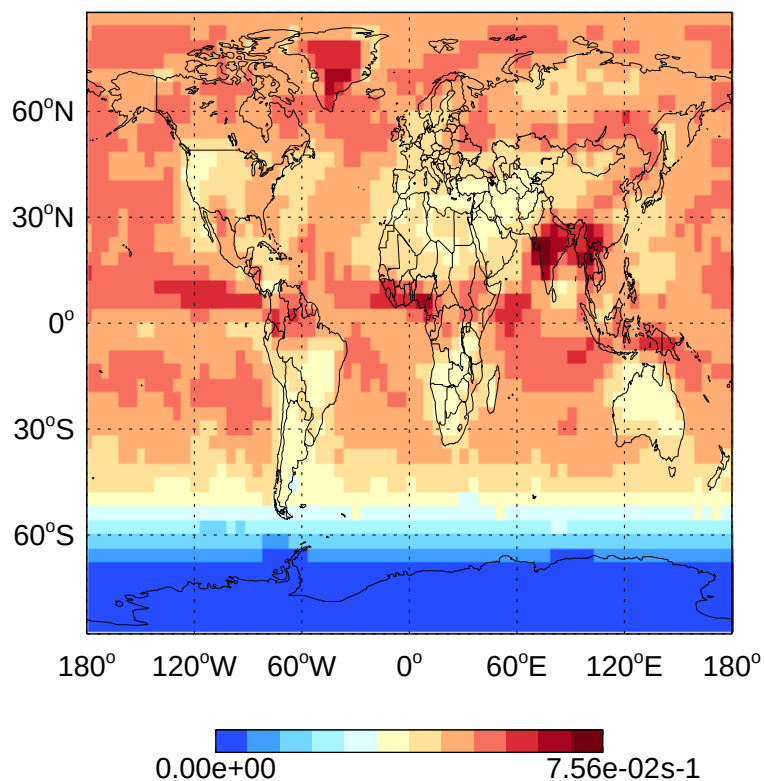
v11-02d-Run1

JBr2 - J-Value @ surface for Jul



v11-02d-Run1

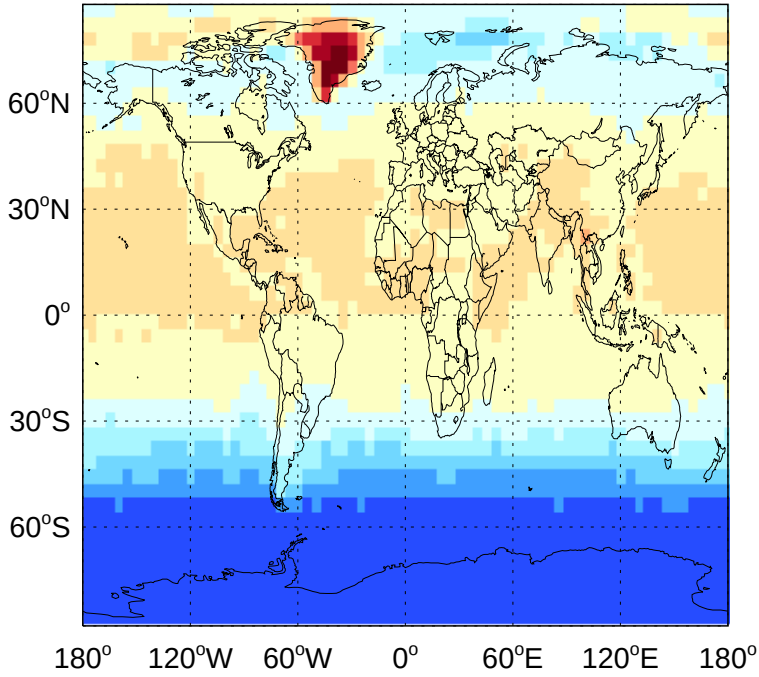
JBr2 - J-Value @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

v11-02e-Run0

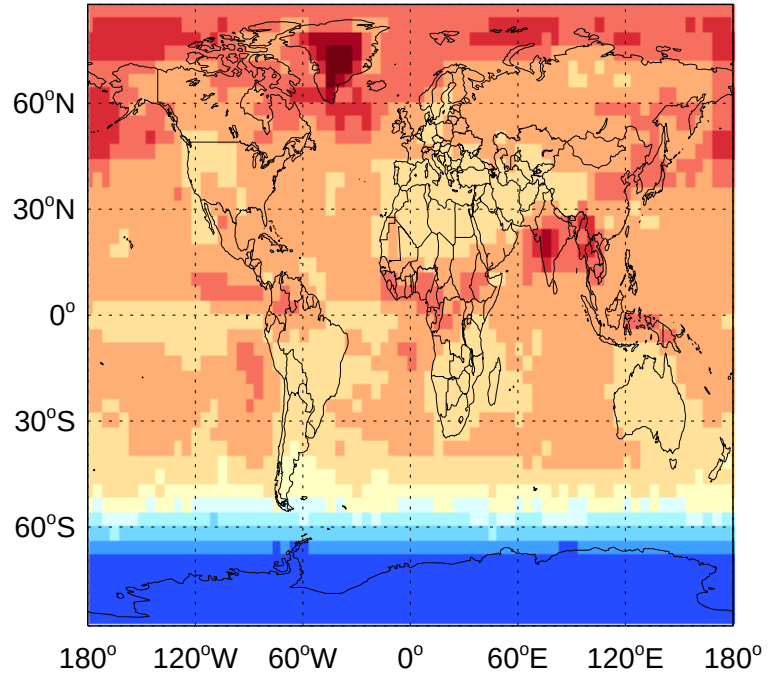
JBr2 - J-Value @ surface for Jul



0.00e+00 $6.88 \times 10^{-2} \text{ s}^{-1}$

v11-02e-Run0

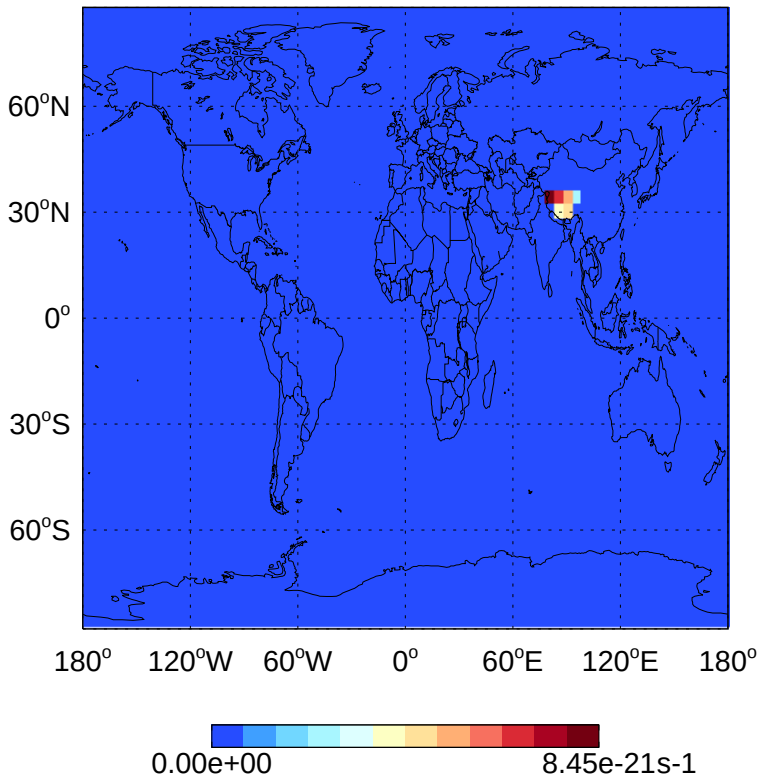
JBr2 - J-Value @ 500 hPa for Jul



0.00e+00 $6.74 \times 10^{-2} \text{ s}^{-1}$

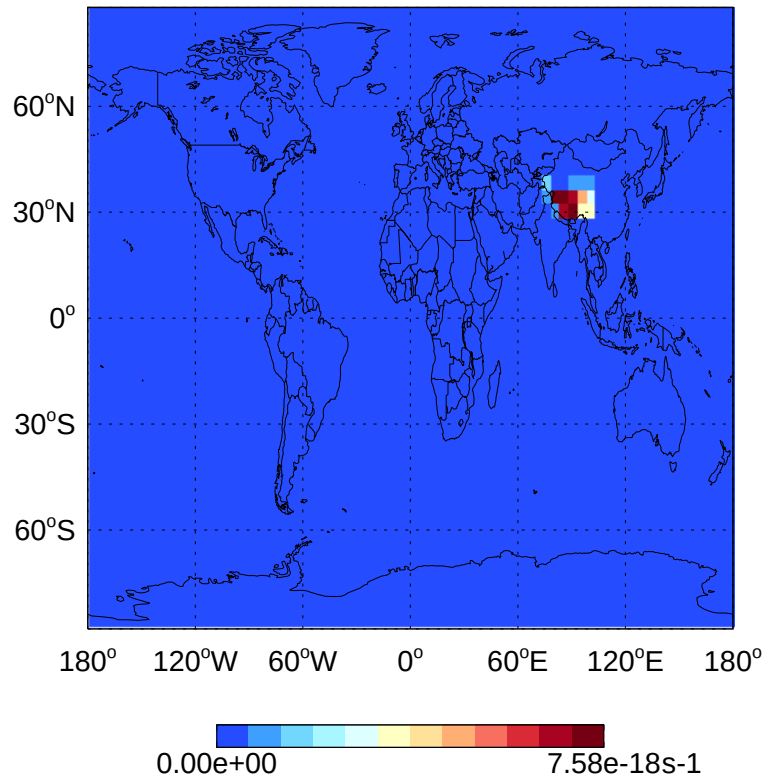
v11-02c-Run0

JO2 - J-Value @ surface for Jul



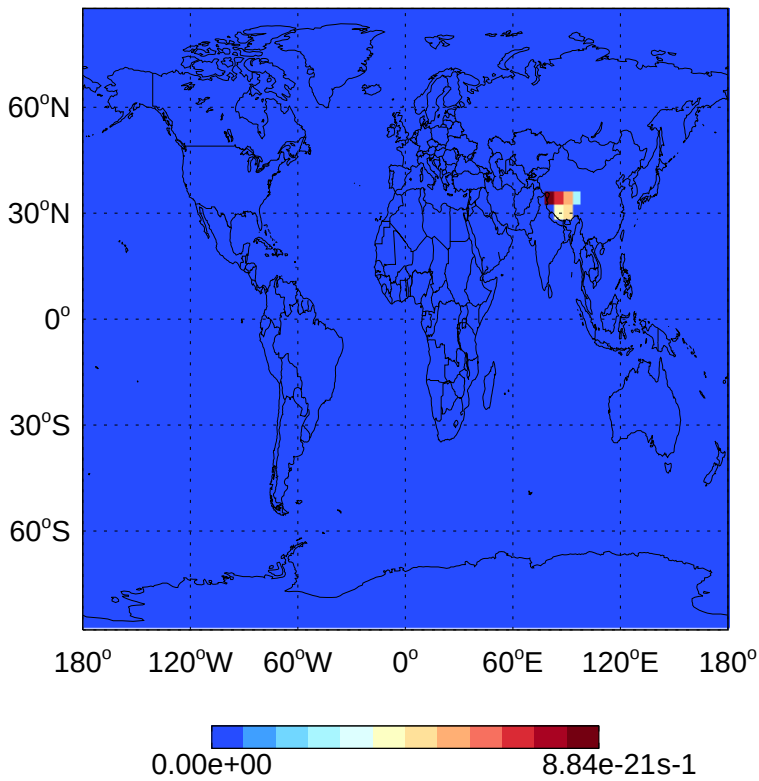
v11-02c-Run0

JO2 - J-Value @ 500 hPa for Jul



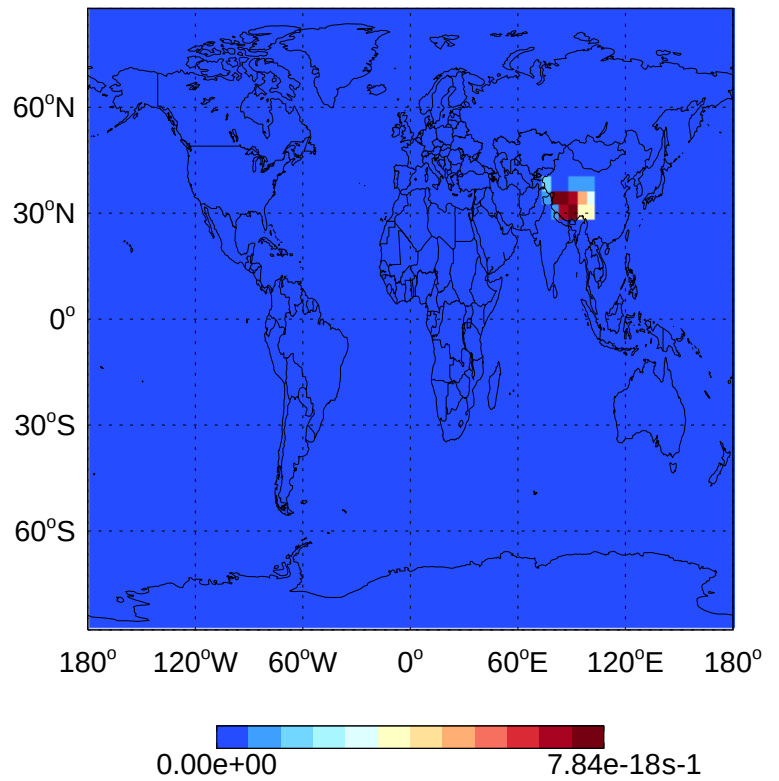
v11-02d-Run1

JO2 - J-Value @ surface for Jul



v11-02d-Run1

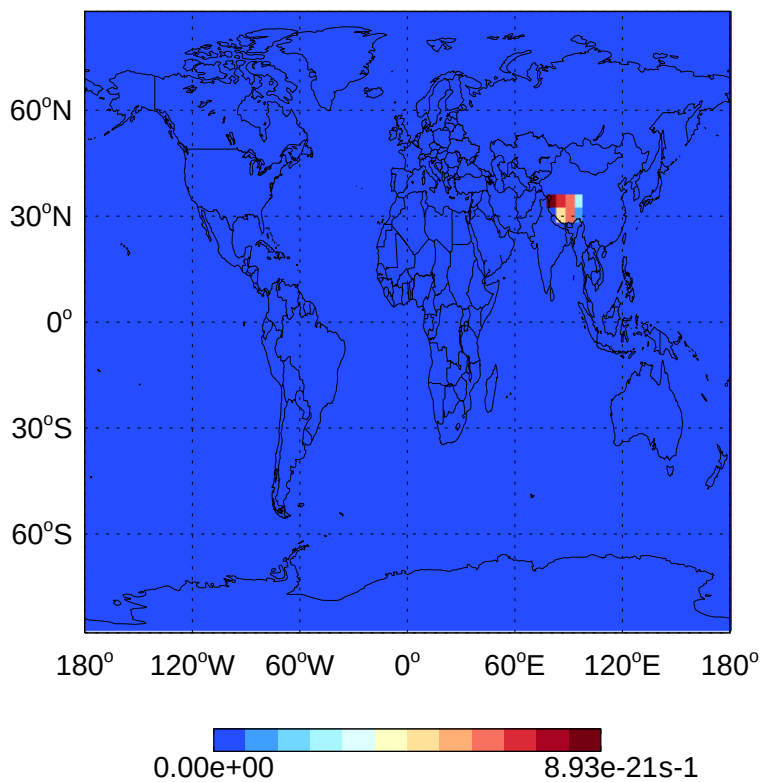
JO2 - J-Value @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

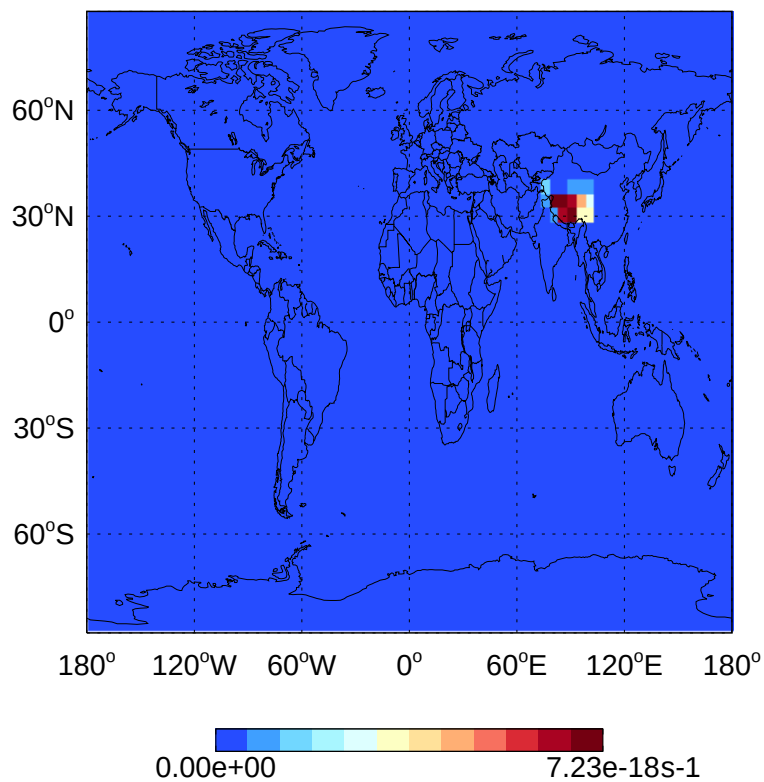
v11-02e-Run0

JO2 - J-Value @ surface for Jul



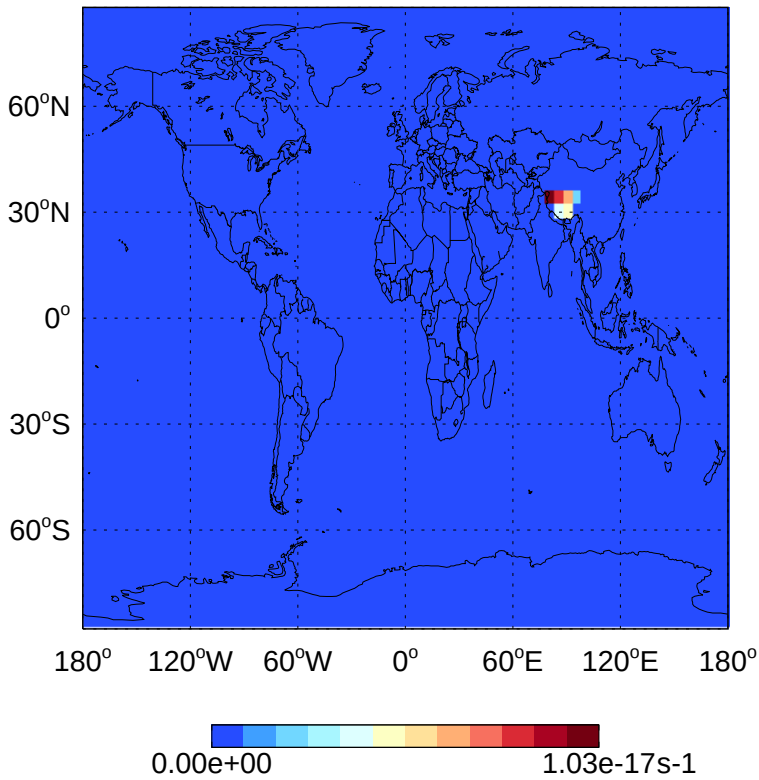
v11-02e-Run0

JO2 - J-Value @ 500 hPa for Jul



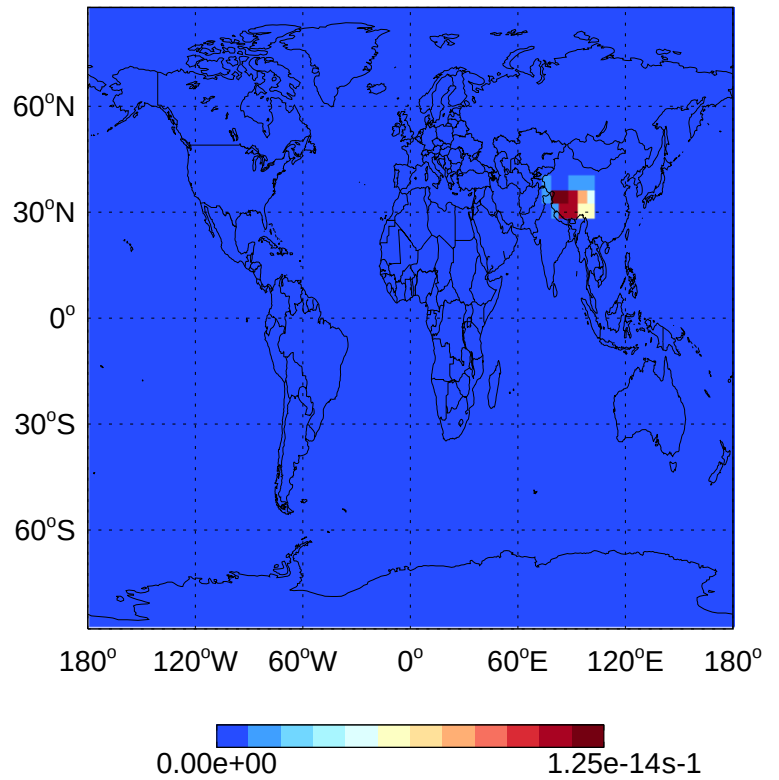
v11-02c-Run0

JN2O - J-Value @ surface for Jul



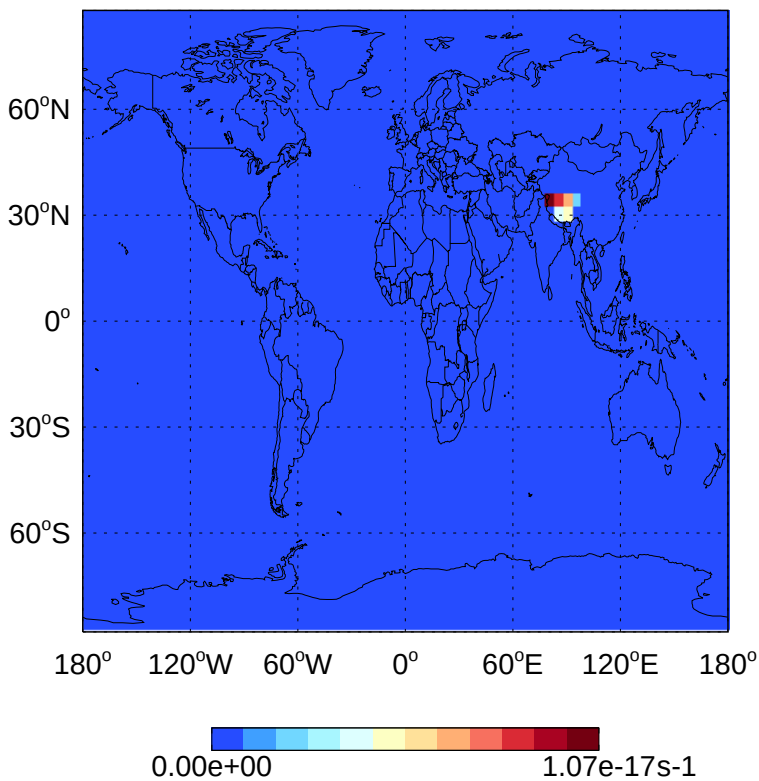
v11-02c-Run0

JN2O - J-Value @ 500 hPa for Jul



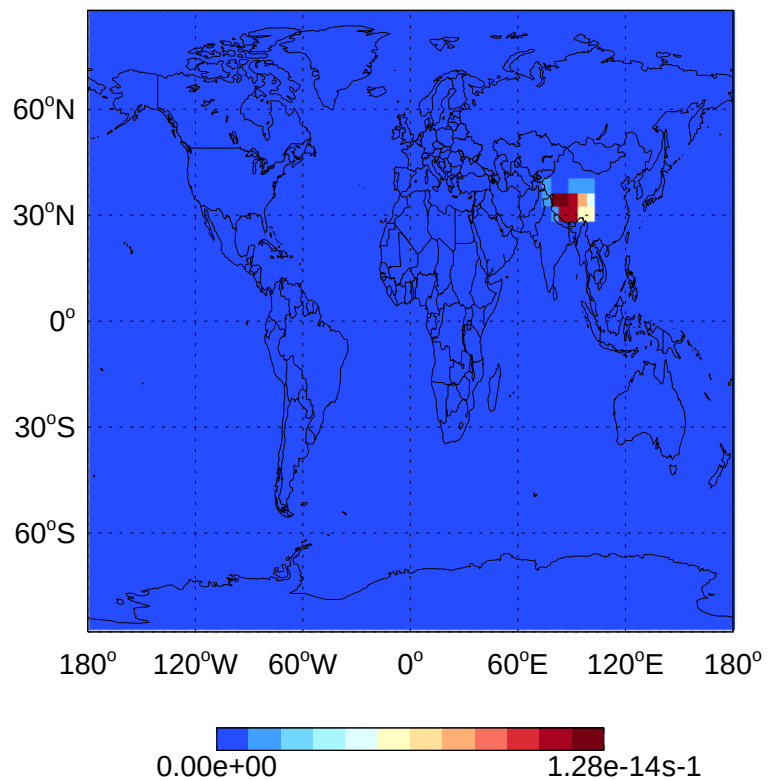
v11-02d-Run1

JN2O - J-Value @ surface for Jul



v11-02d-Run1

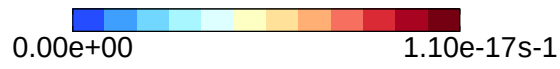
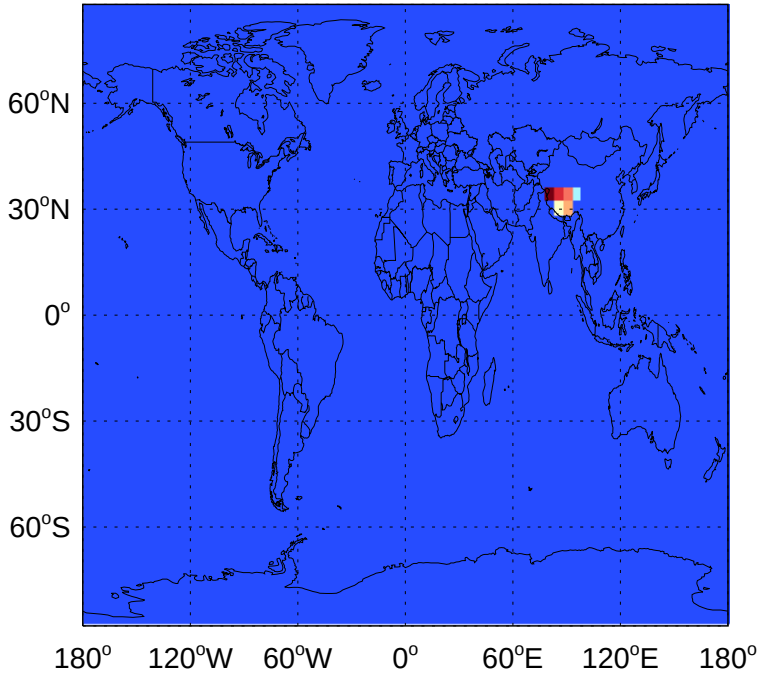
JN2O - J-Value @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

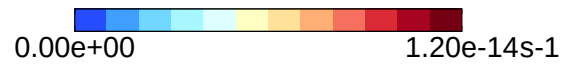
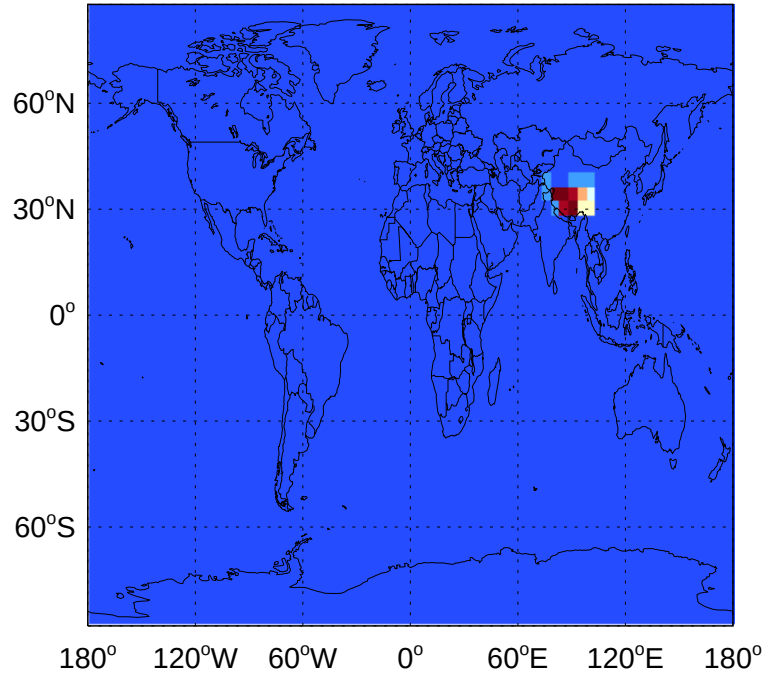
v11-02e-Run0

JN2O - J-Value @ surface for Jul



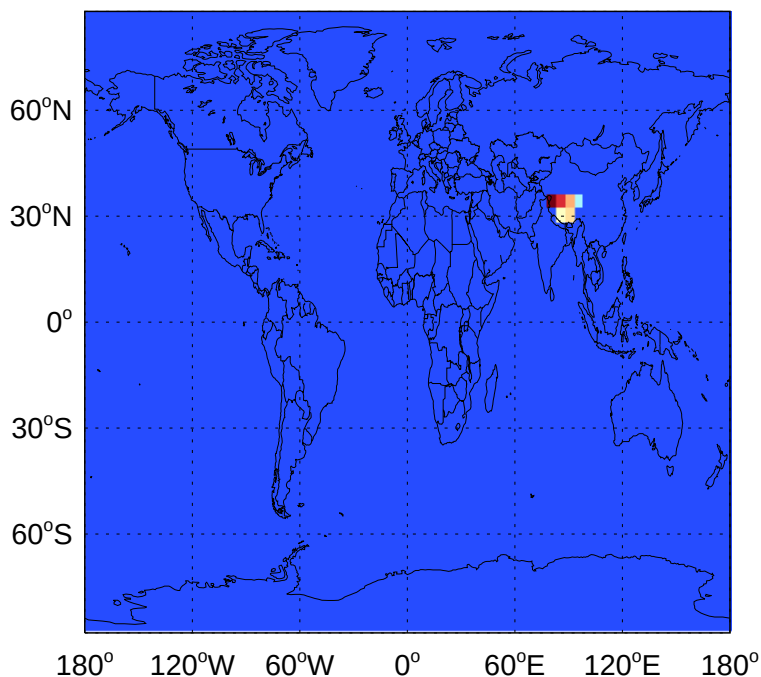
v11-02e-Run0

JN2O - J-Value @ 500 hPa for Jul



v11-02c-Run0

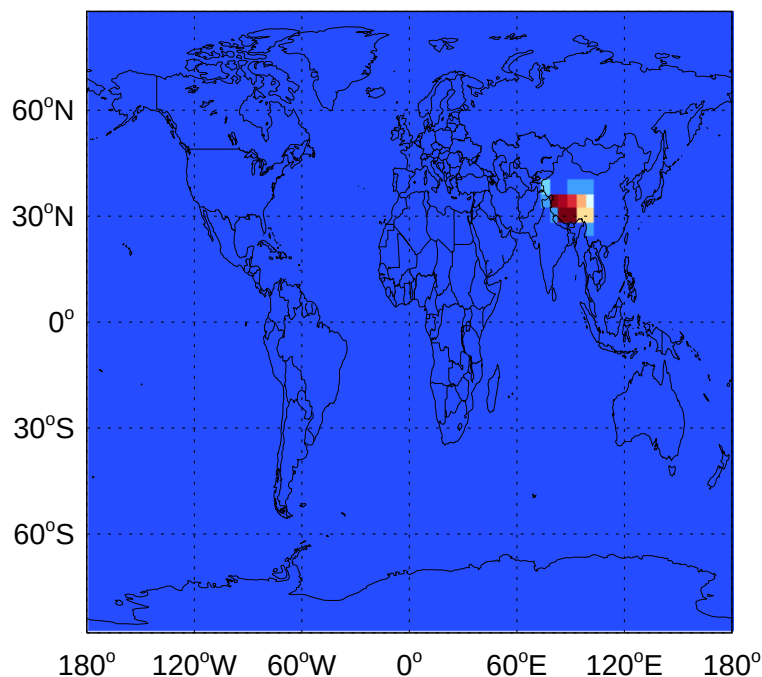
JNO - J-Value @ surface for Jul



0.00e+00 2.85e-18s-1

v11-02c-Run0

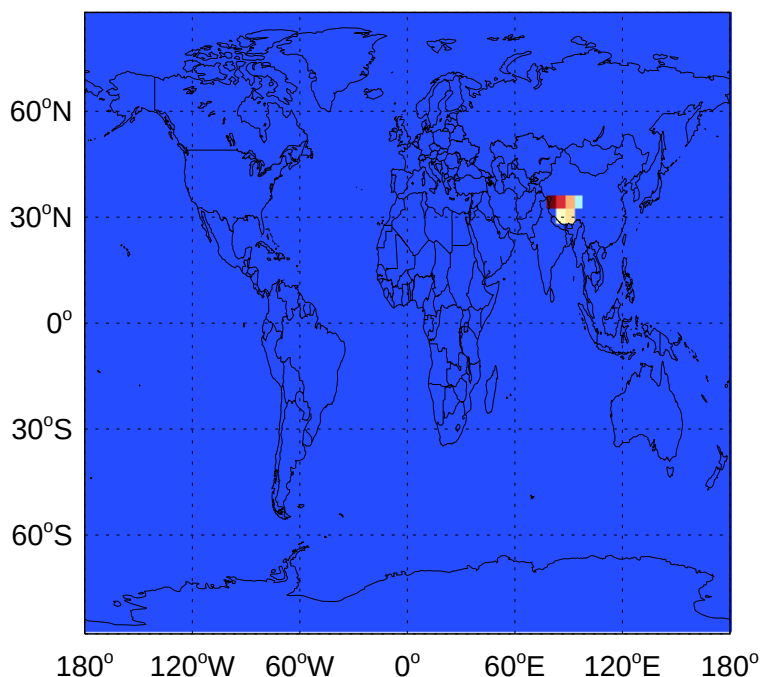
JNO - J-Value @ 500 hPa for Jul



0.00e+00 1.59e-15s-1

v11-02d-Run1

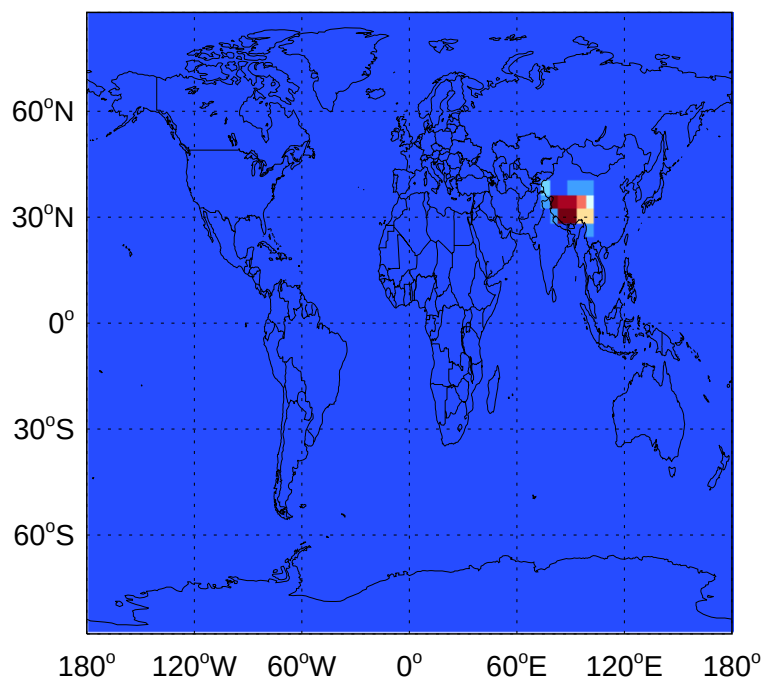
JNO - J-Value @ surface for Jul



0.00e+00 3.03e-18s-1

v11-02d-Run1

JNO - J-Value @ 500 hPa for Jul

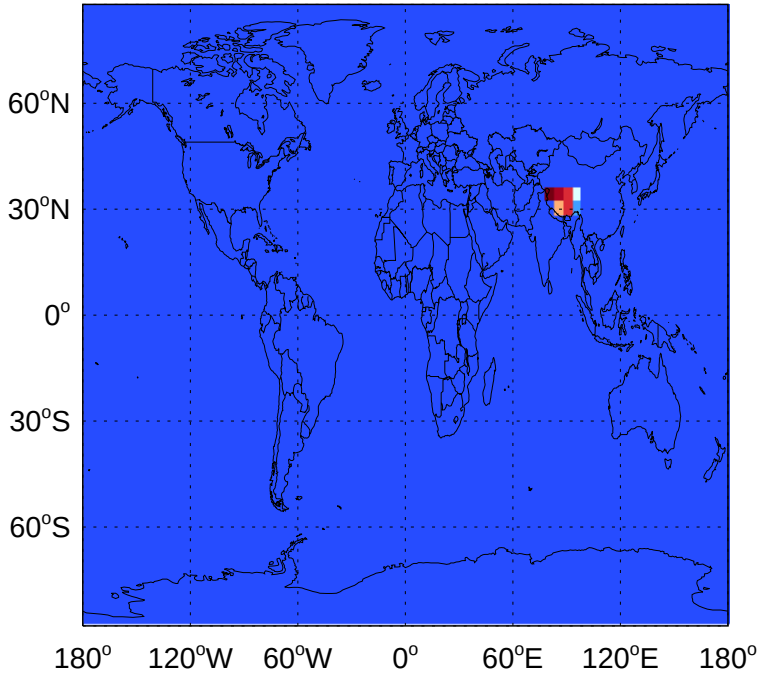


0.00e+00 1.66e-15s-1

GEOS-Chem J-Values at surface and 500 hPa

v11-02e-Run0

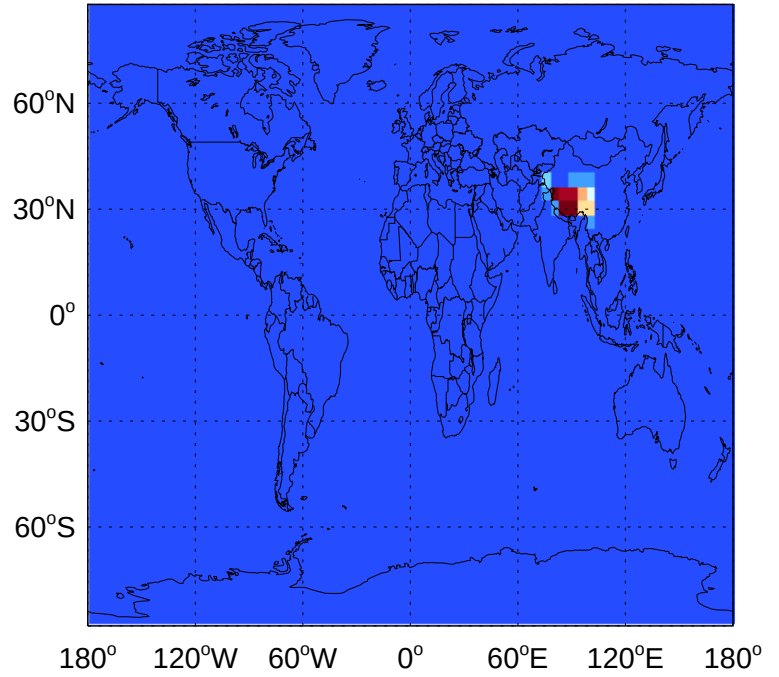
JNO - J-Value @ surface for Jul



0.00e+00 2.95e-18s-1

v11-02e-Run0

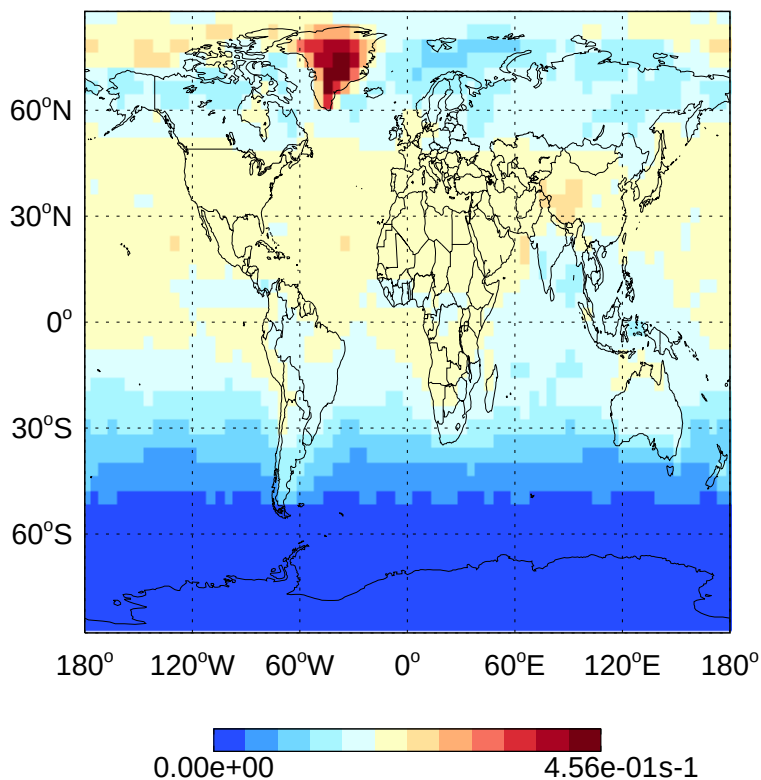
JNO - J-Value @ 500 hPa for Jul



0.00e+00 1.47e-15s-1

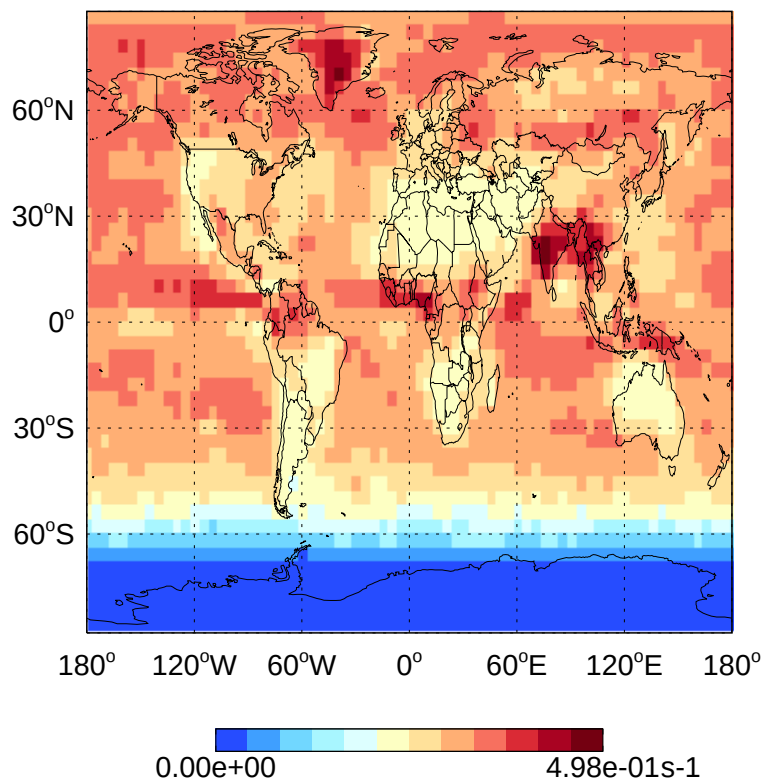
v11-02c-Run0

JNO3 - J-Value @ surface for Jul



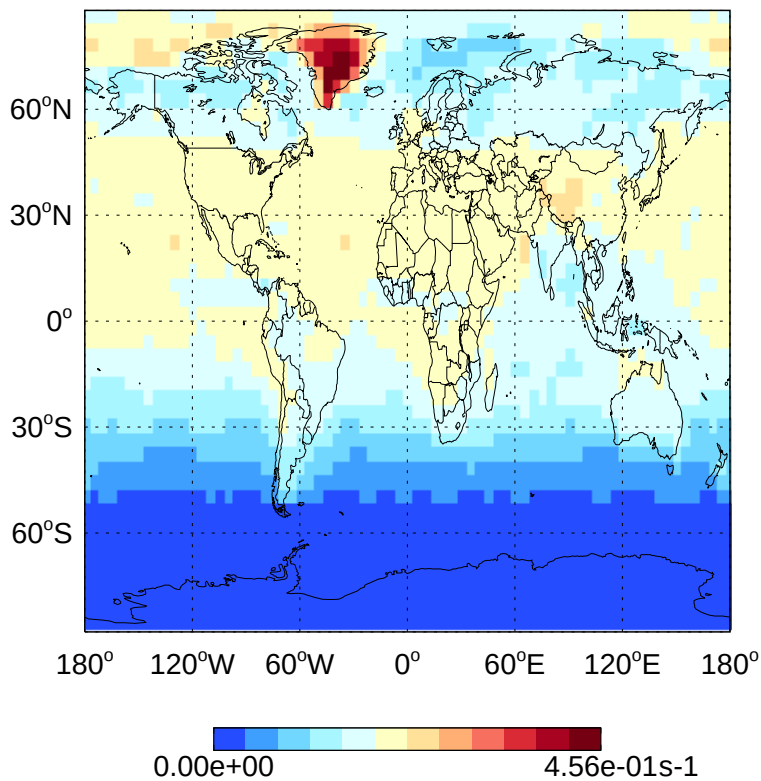
v11-02c-Run0

JNO3 - J-Value @ 500 hPa for Jul



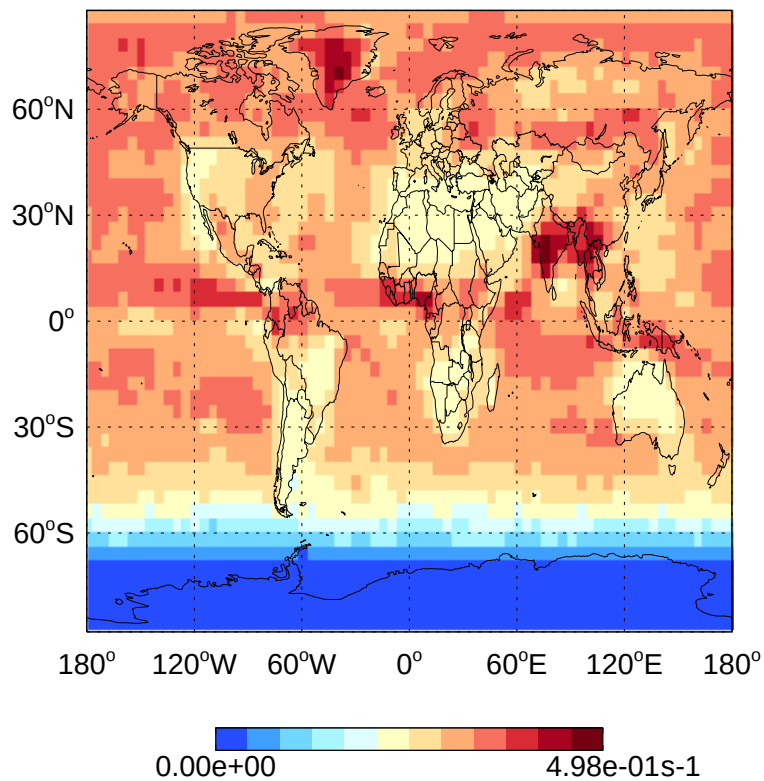
v11-02d-Run1

JNO3 - J-Value @ surface for Jul



v11-02d-Run1

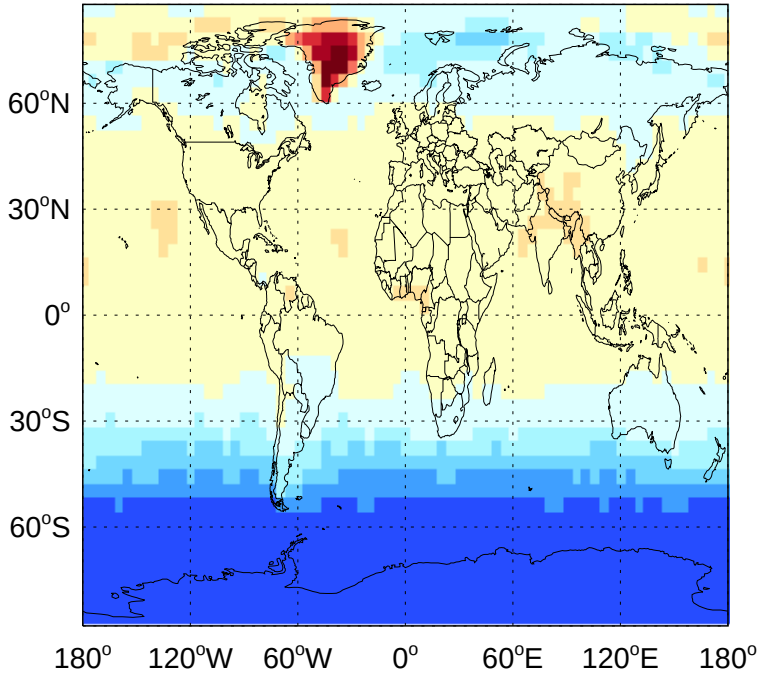
JNO3 - J-Value @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

v11-02e-Run0

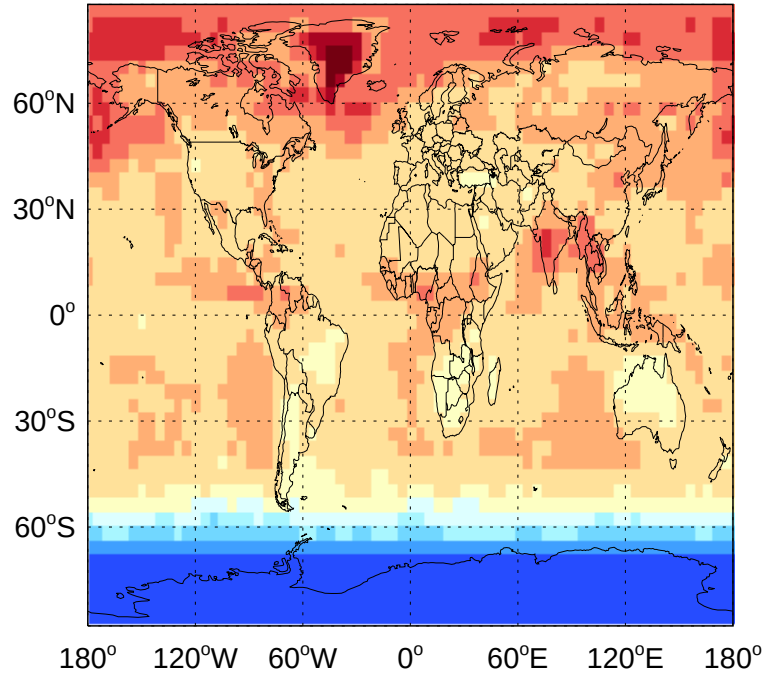
JNO3 - J-Value @ surface for Jul



0.00e+00 $4.57 \times 10^{-1} \text{ s}^{-1}$

v11-02e-Run0

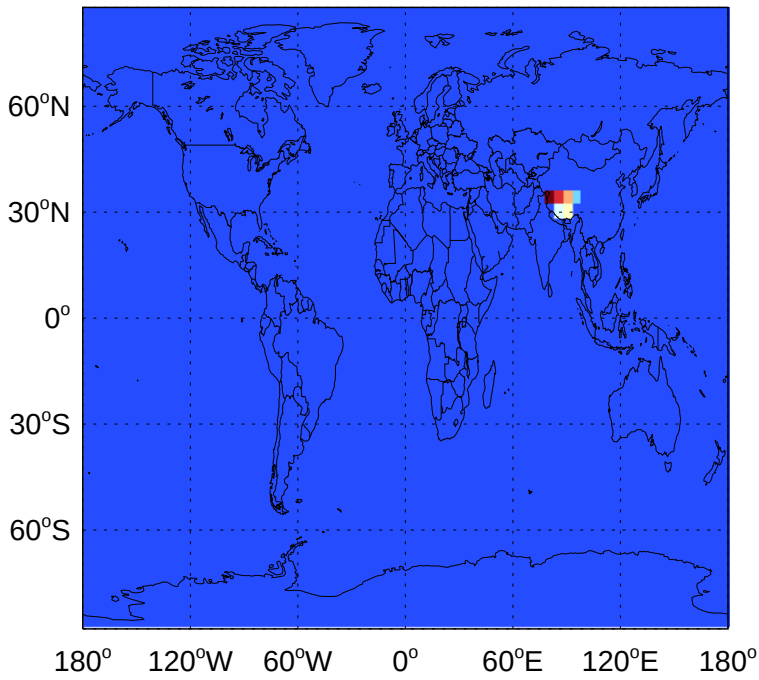
JNO3 - J-Value @ 500 hPa for Jul



0.00e+00 $4.66 \times 10^{-1} \text{ s}^{-1}$

v11-02c-Run0

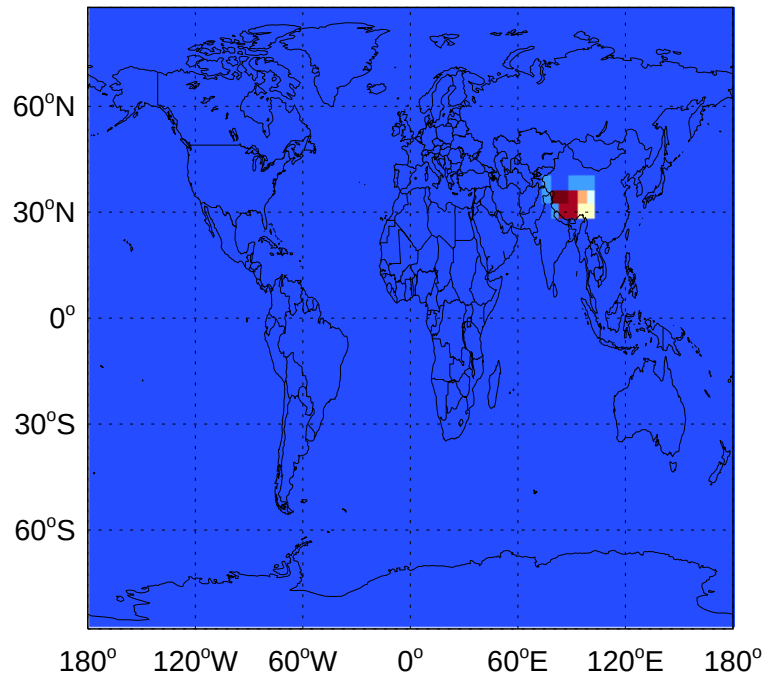
JCFC11 - J-Value @ surface for Jul



0.00e+00 1.98e-16s-1

v11-02c-Run0

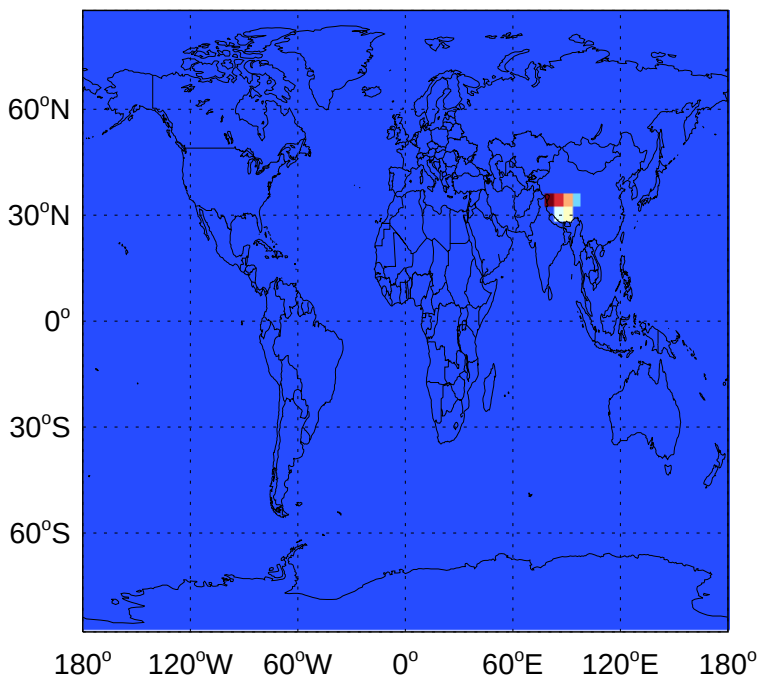
JCFC11 - J-Value @ 500 hPa for Jul



0.00e+00 2.35e-13s-1

v11-02d-Run1

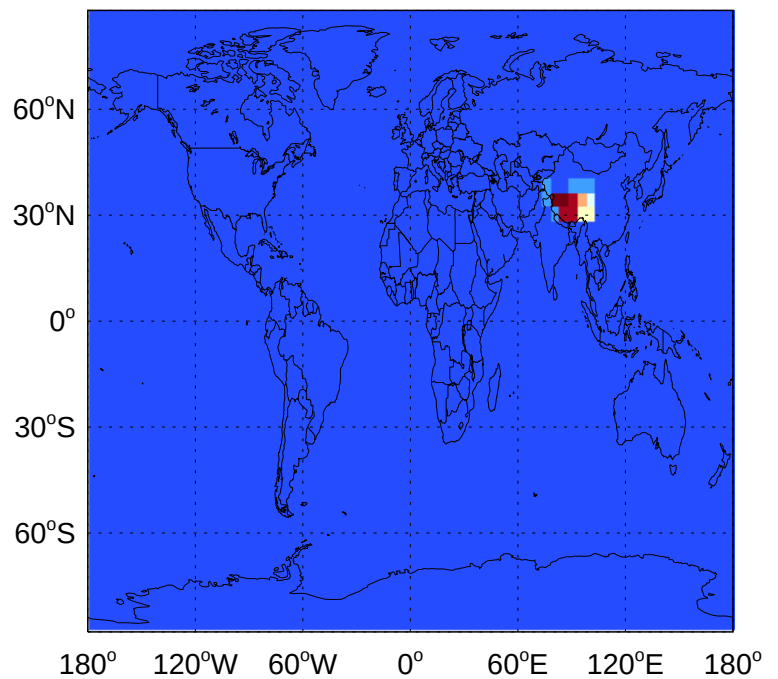
JCFC11 - J-Value @ surface for Jul



0.00e+00 2.05e-16s-1

v11-02d-Run1

JCFC11 - J-Value @ 500 hPa for Jul

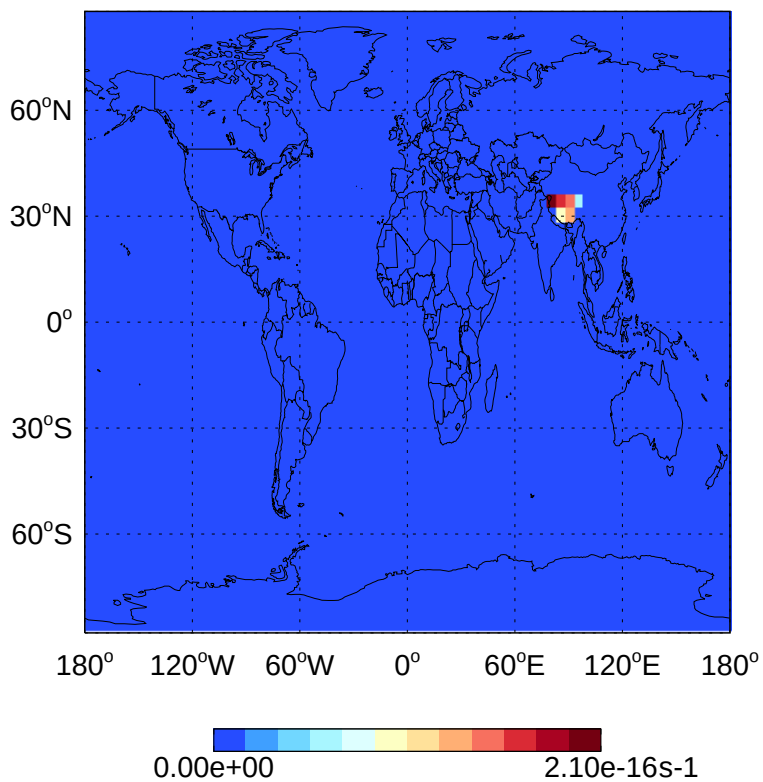


0.00e+00 2.42e-13s-1

GEOS-Chem J-Values at surface and 500 hPa

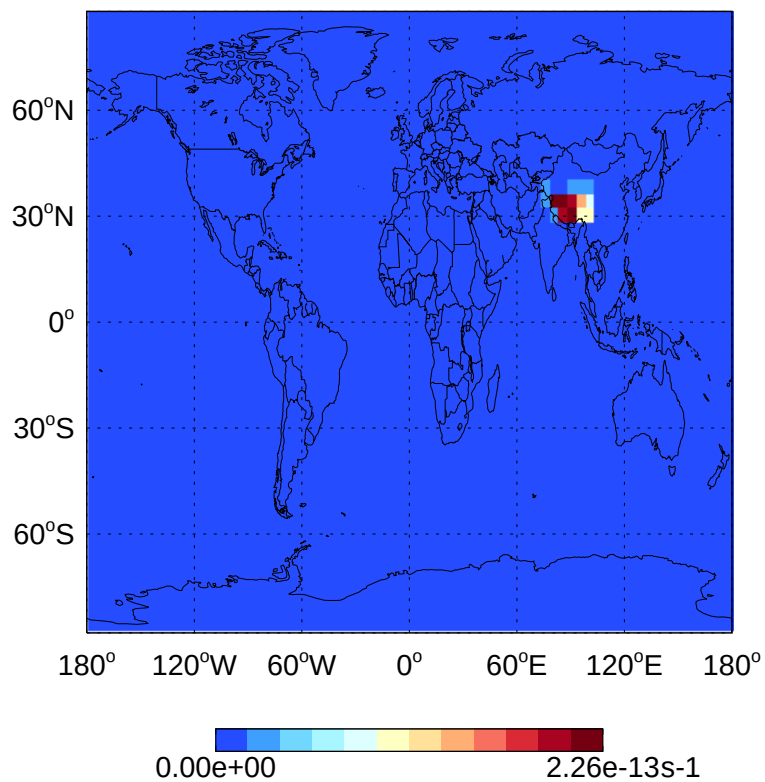
v11-02e-Run0

JCFC11 - J-Value @ surface for Jul



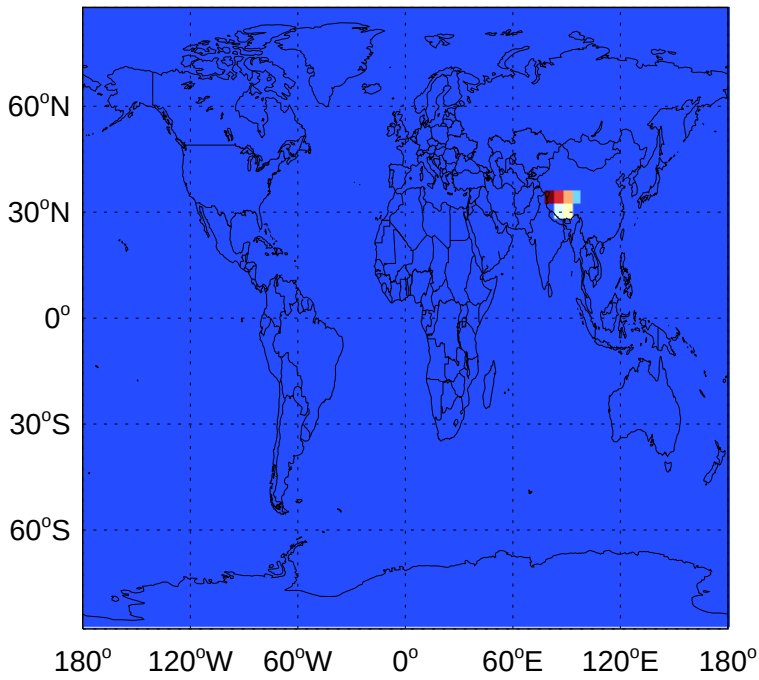
v11-02e-Run0

JCFC11 - J-Value @ 500 hPa for Jul



v11-02c-Run0

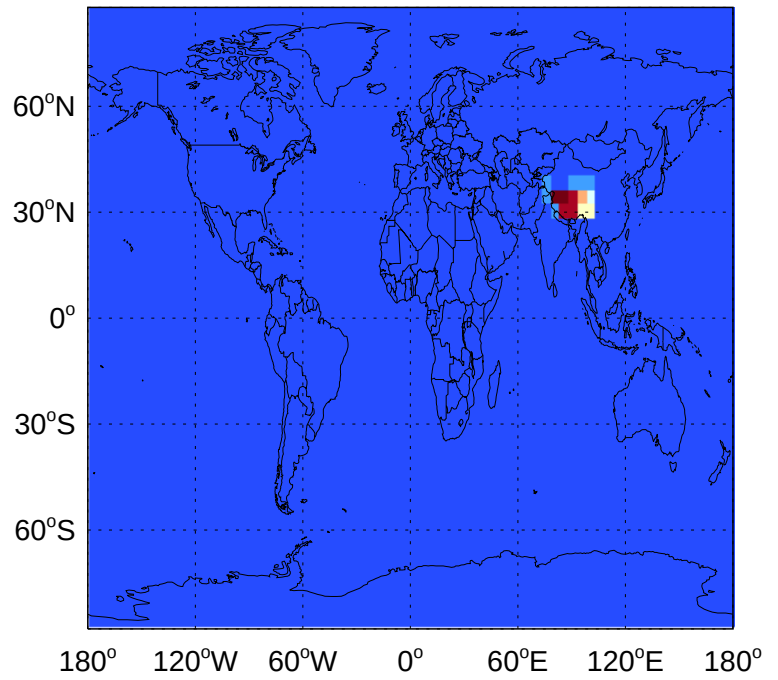
JCFC12 - J-Value @ surface for Jul



0.00e+00 1.41e-17s-1

v11-02c-Run0

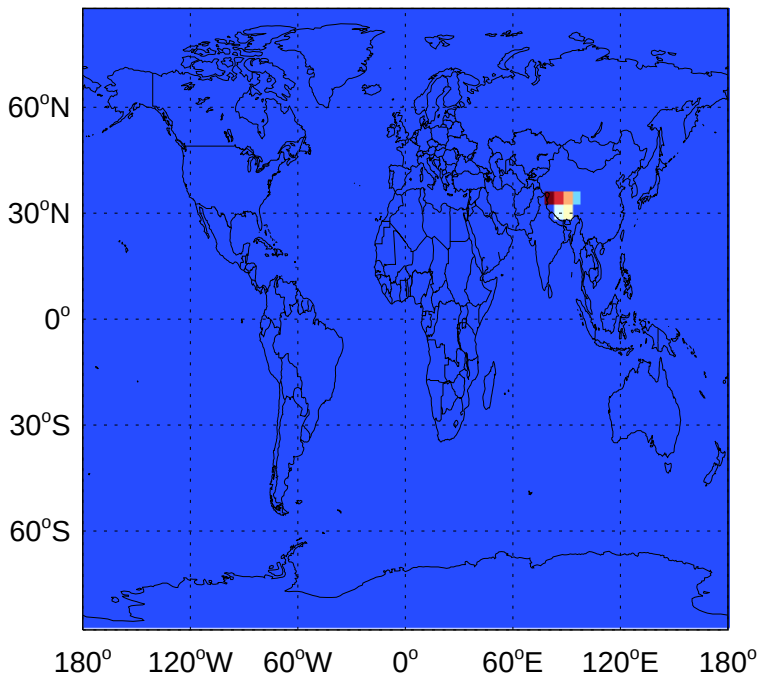
JCFC12 - J-Value @ 500 hPa for Jul



0.00e+00 1.93e-14s-1

v11-02d-Run1

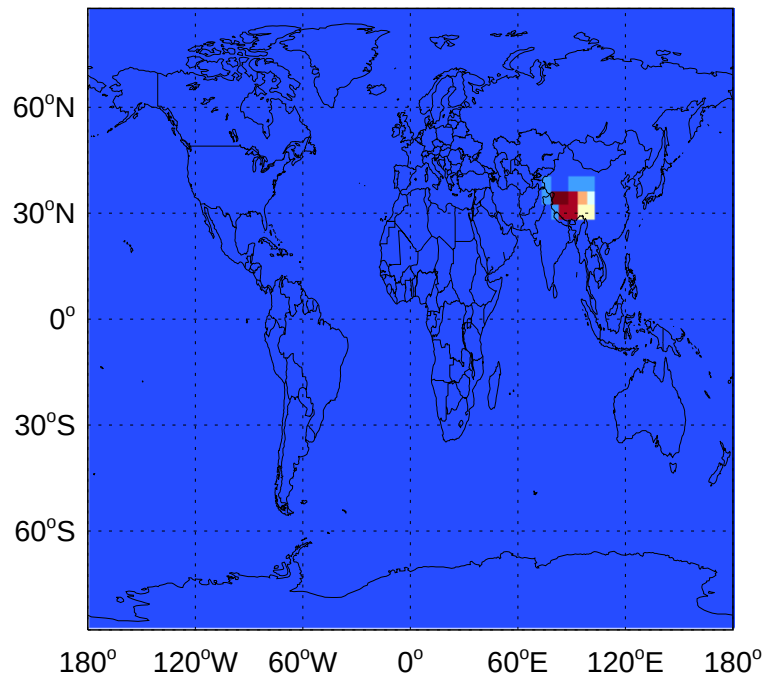
JCFC12 - J-Value @ surface for Jul



0.00e+00 1.46e-17s-1

v11-02d-Run1

JCFC12 - J-Value @ 500 hPa for Jul

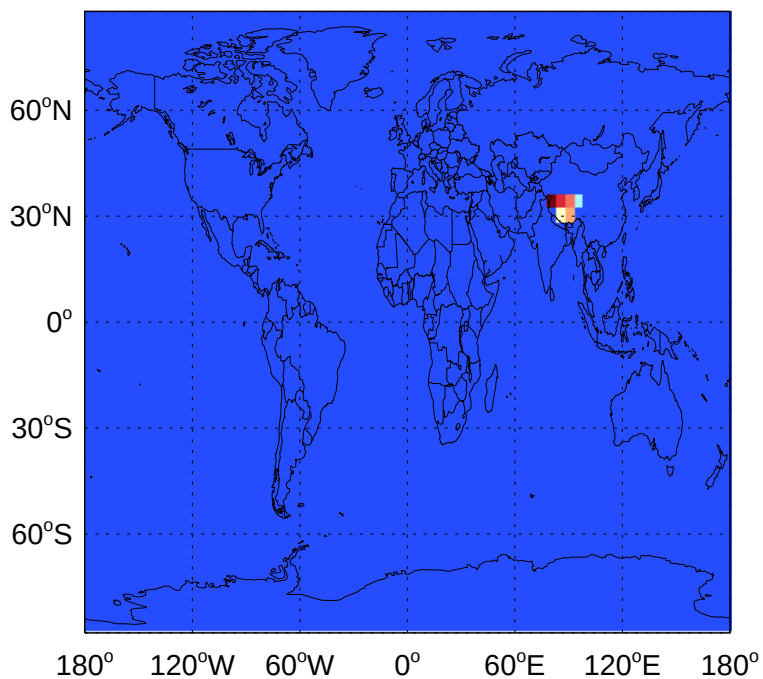


0.00e+00 1.98e-14s-1

GEOS-Chem J-Values at surface and 500 hPa

v11-02e-Run0

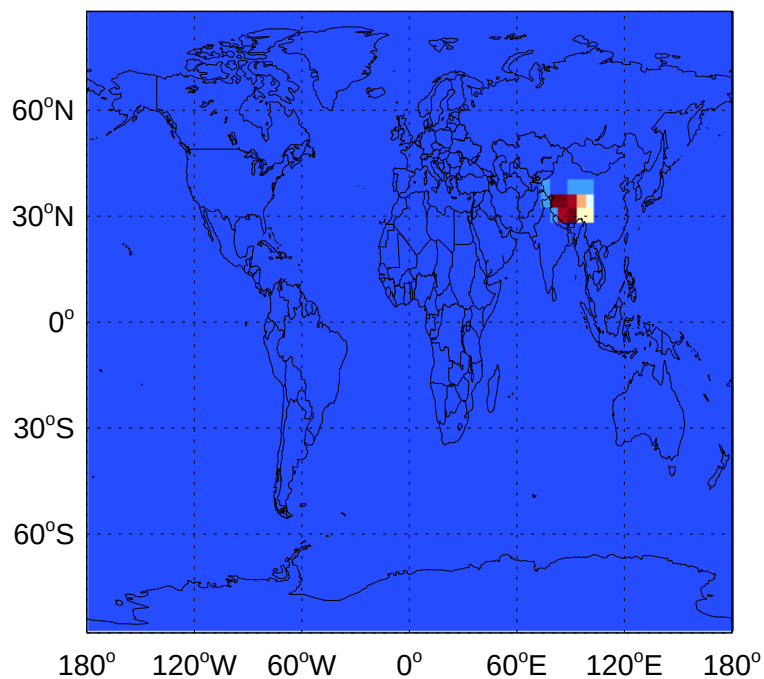
JCFC12 - J-Value @ surface for Jul



0.00e+00 1.50e-17s-1

v11-02e-Run0

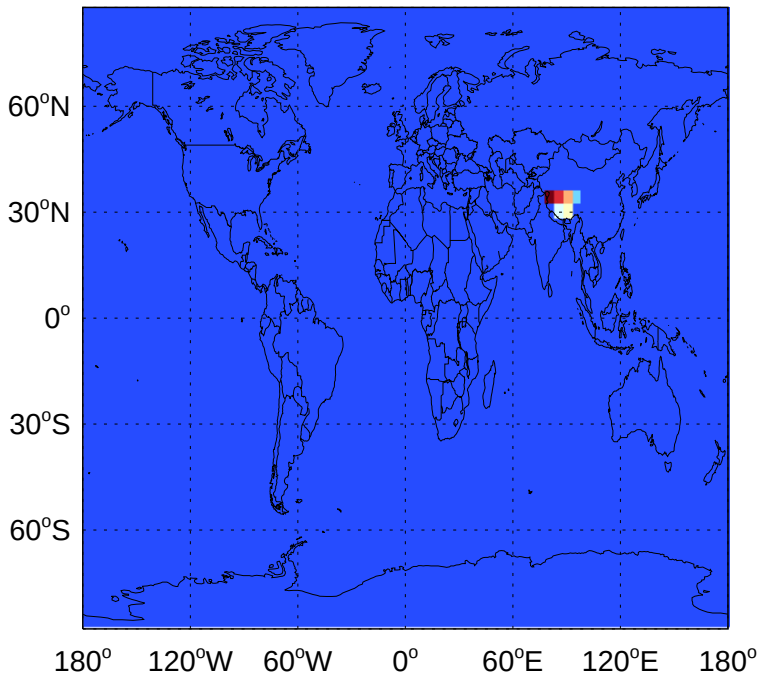
JCFC12 - J-Value @ 500 hPa for Jul



0.00e+00 1.86e-14s-1

v11-02c-Run0

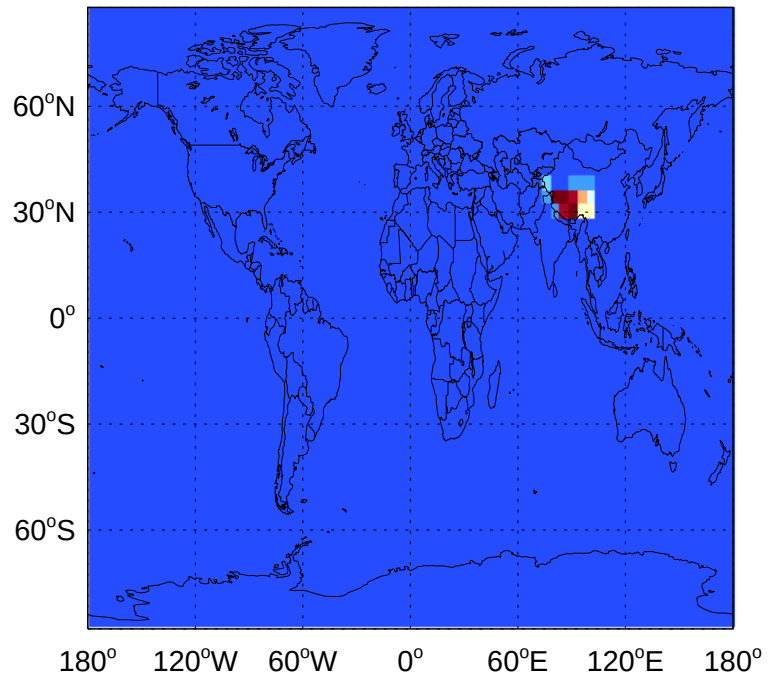
JCCI4 - J-Value @ surface for Jul



0.00e+00 5.71e-16s-1

v11-02c-Run0

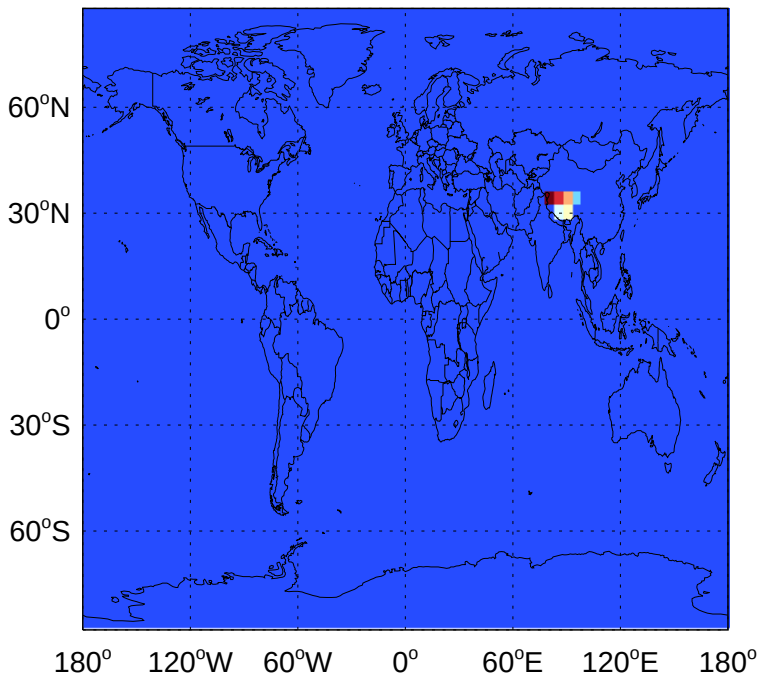
JCCI4 - J-Value @ 500 hPa for Jul



0.00e+00 5.33e-13s-1

v11-02d-Run1

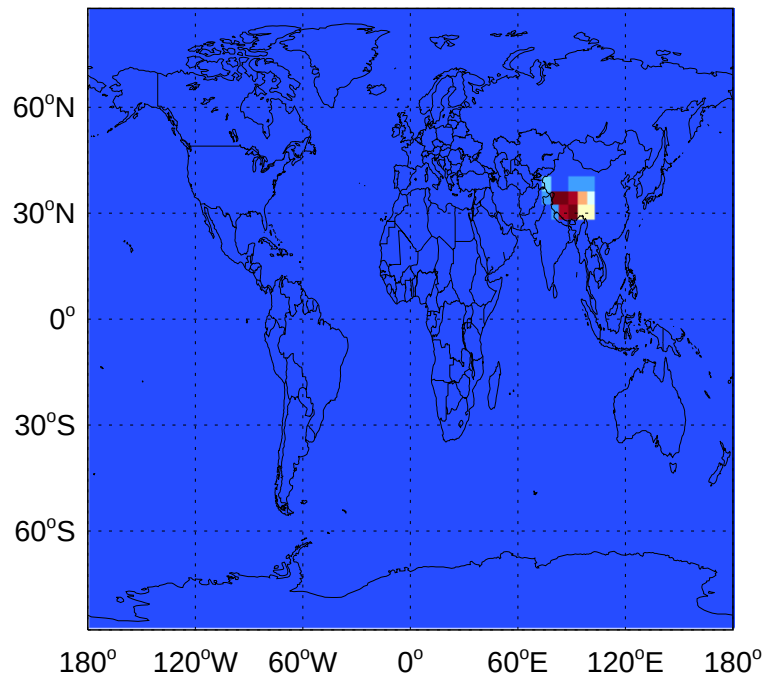
JCCI4 - J-Value @ surface for Jul



0.00e+00 5.96e-16s-1

v11-02d-Run1

JCCI4 - J-Value @ 500 hPa for Jul

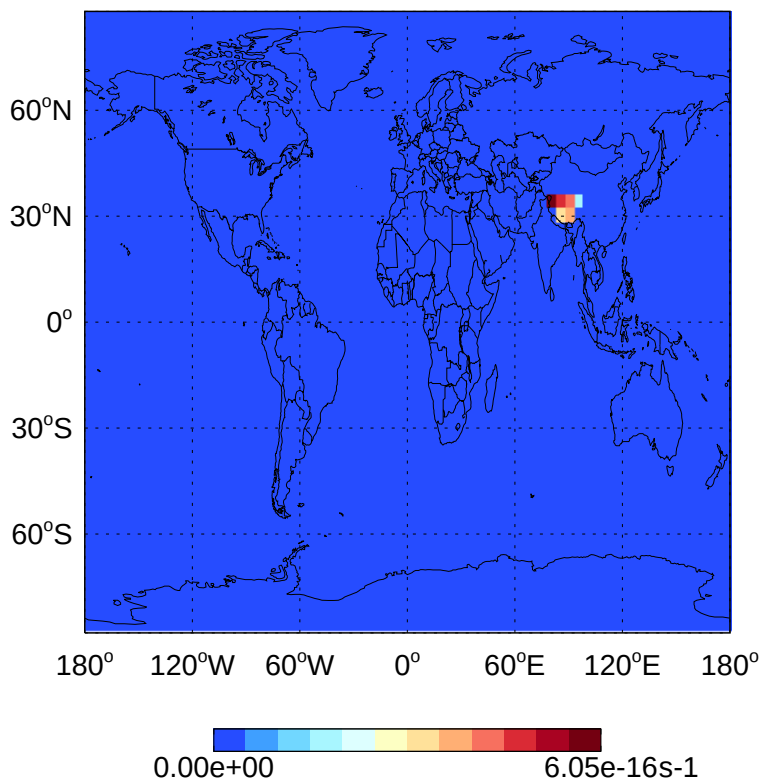


0.00e+00 5.51e-13s-1

GEOS-Chem J-Values at surface and 500 hPa

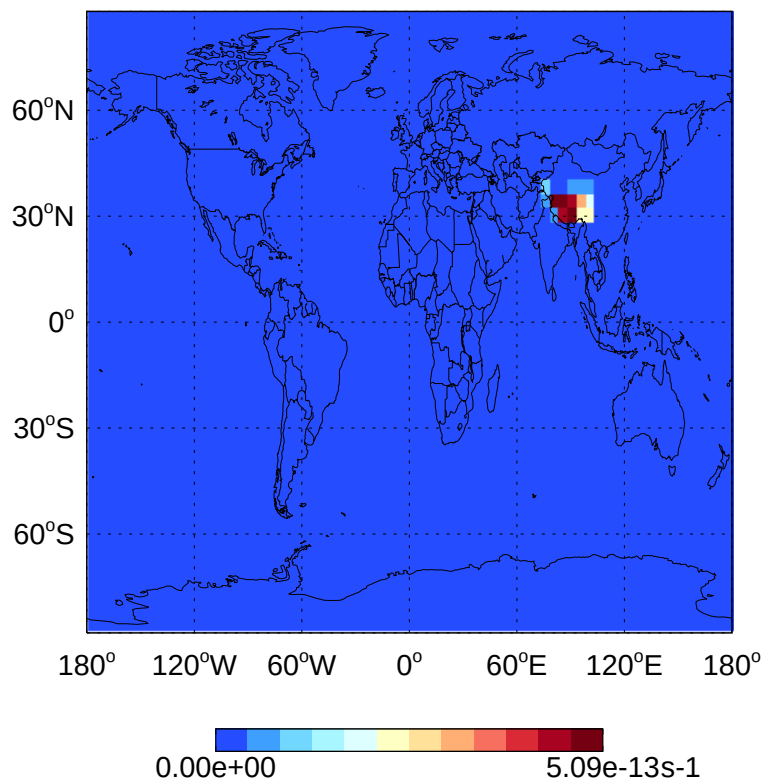
v11-02e-Run0

JCCl4 - J-Value @ surface for Jul



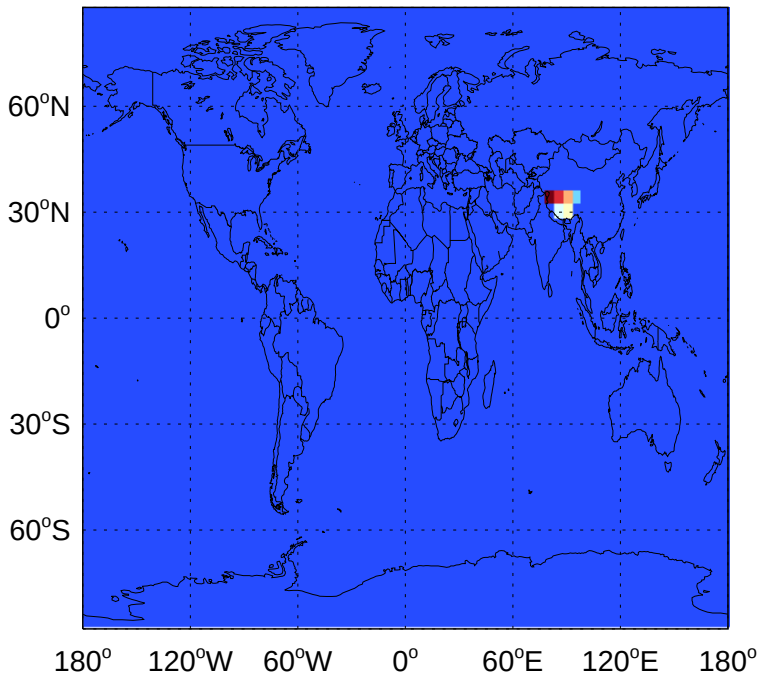
v11-02e-Run0

JCCl4 - J-Value @ 500 hPa for Jul



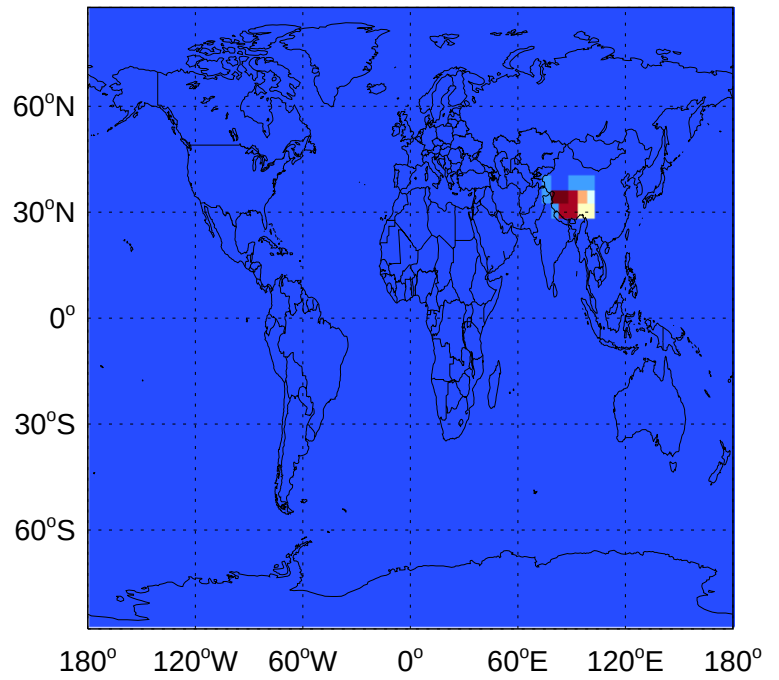
v11-02c-Run0

JCH3Cl - J-Value @ surface for Jul



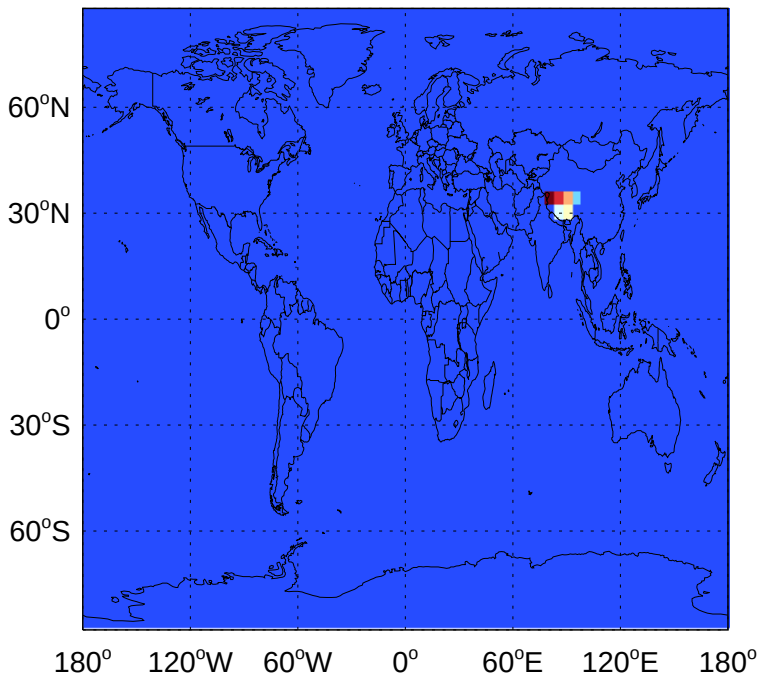
v11-02c-Run0

JCH3Cl - J-Value @ 500 hPa for Jul



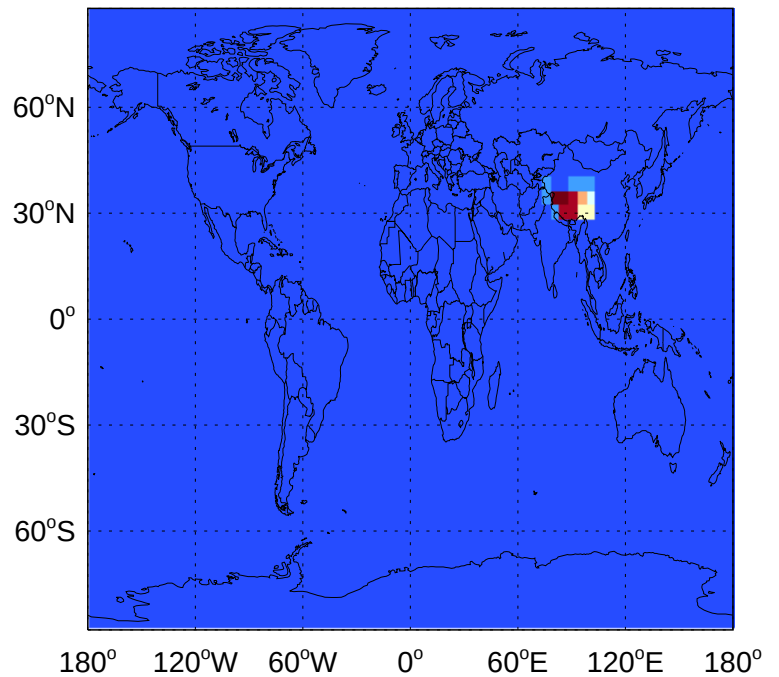
v11-02d-Run1

JCH3Cl - J-Value @ surface for Jul



v11-02d-Run1

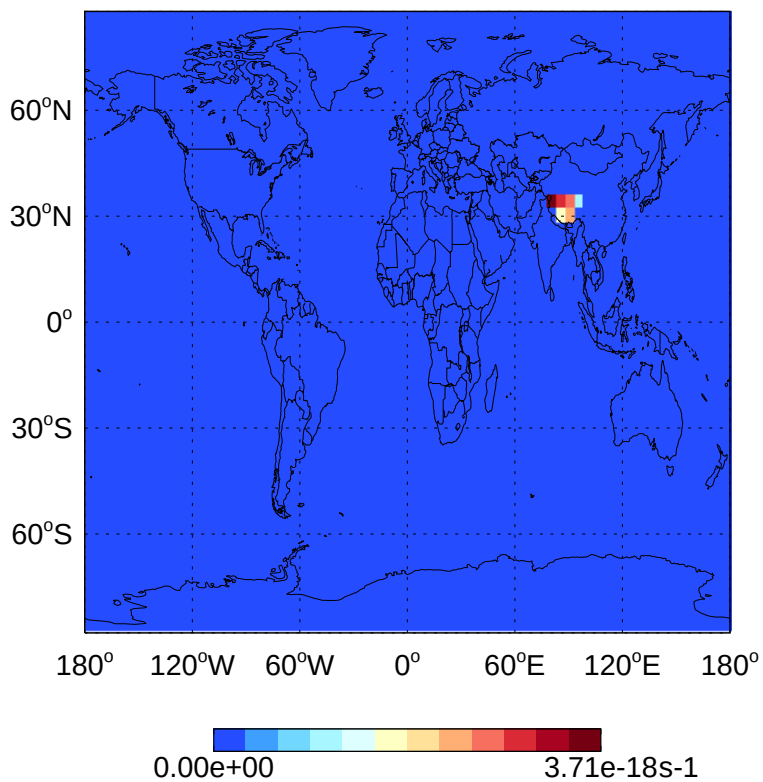
JCH3Cl - J-Value @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

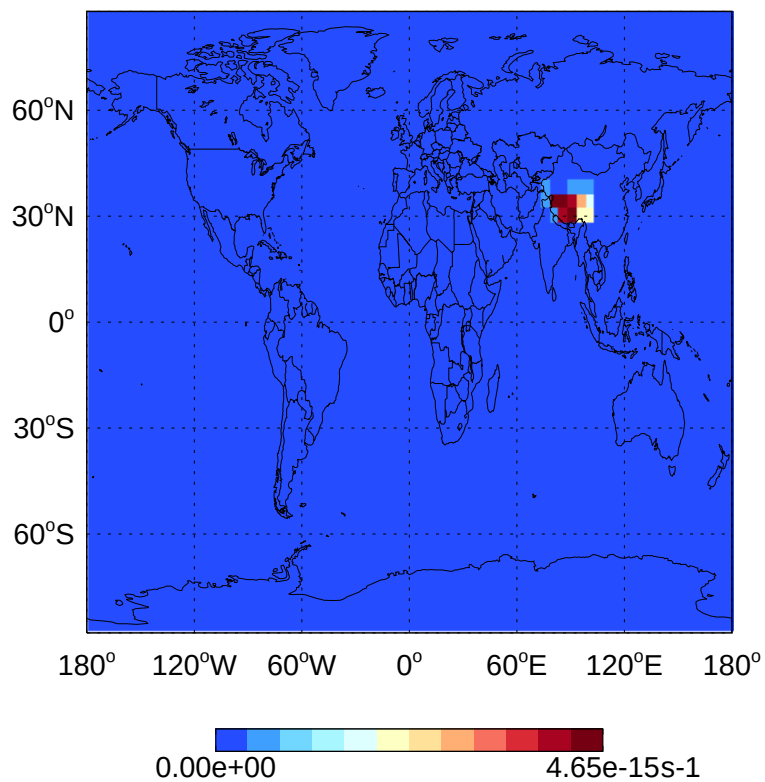
v11-02e-Run0

JCH3Cl - J-Value @ surface for Jul



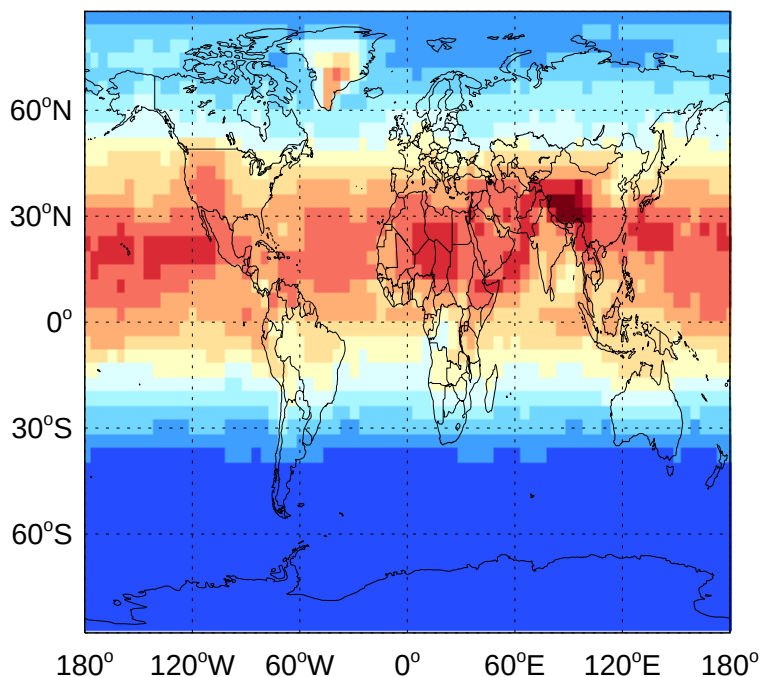
v11-02e-Run0

JCH3Cl - J-Value @ 500 hPa for Jul



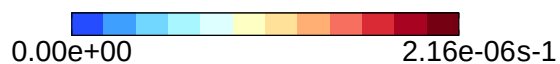
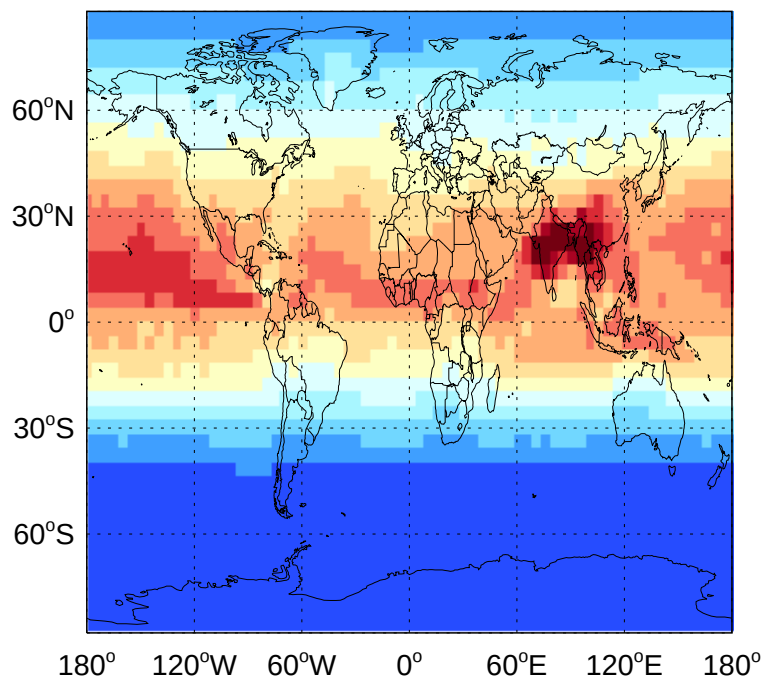
v11-02c-Run0

JACET - J-Value @ surface for Jul



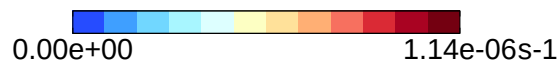
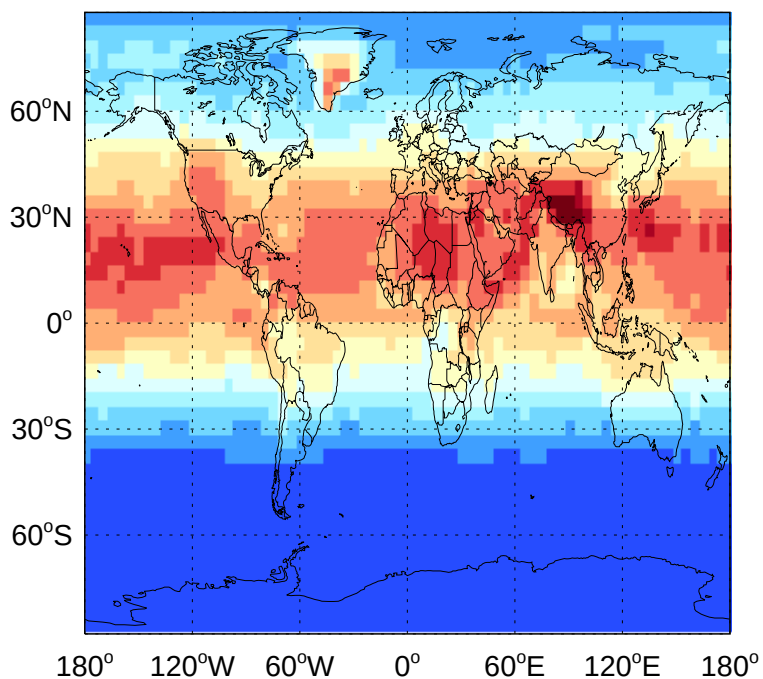
v11-02c-Run0

JACET - J-Value @ 500 hPa for Jul



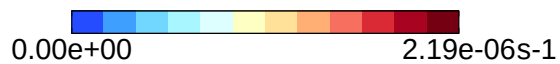
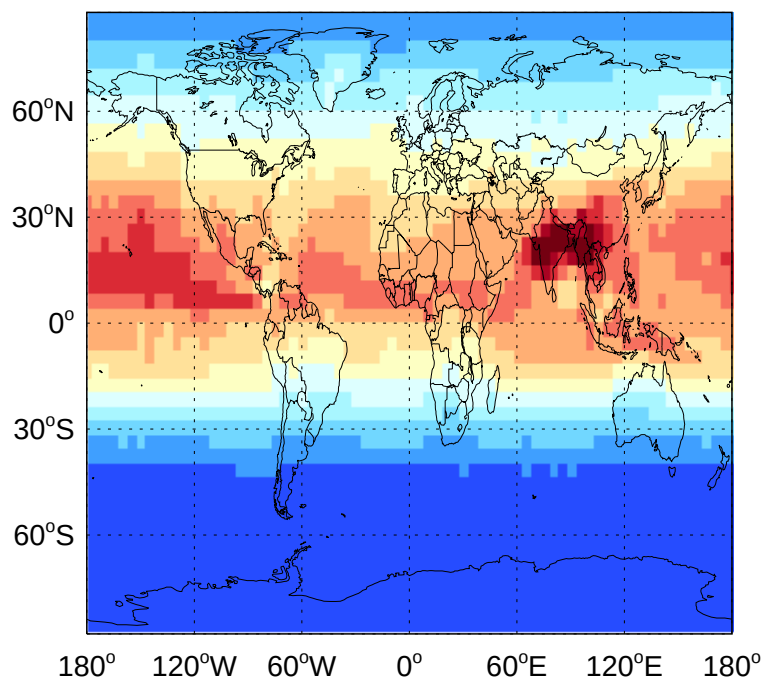
v11-02d-Run1

JACET - J-Value @ surface for Jul



v11-02d-Run1

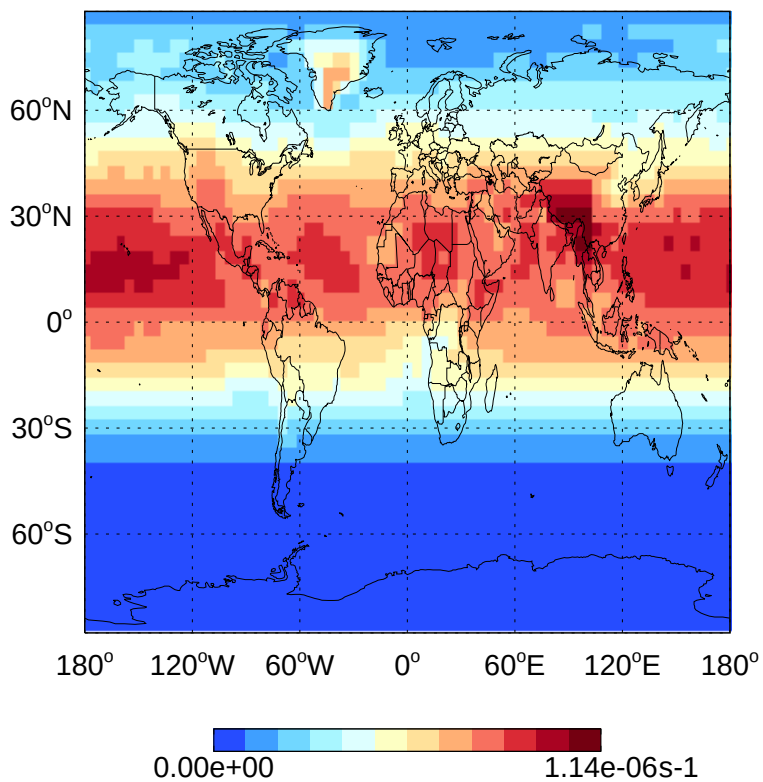
JACET - J-Value @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

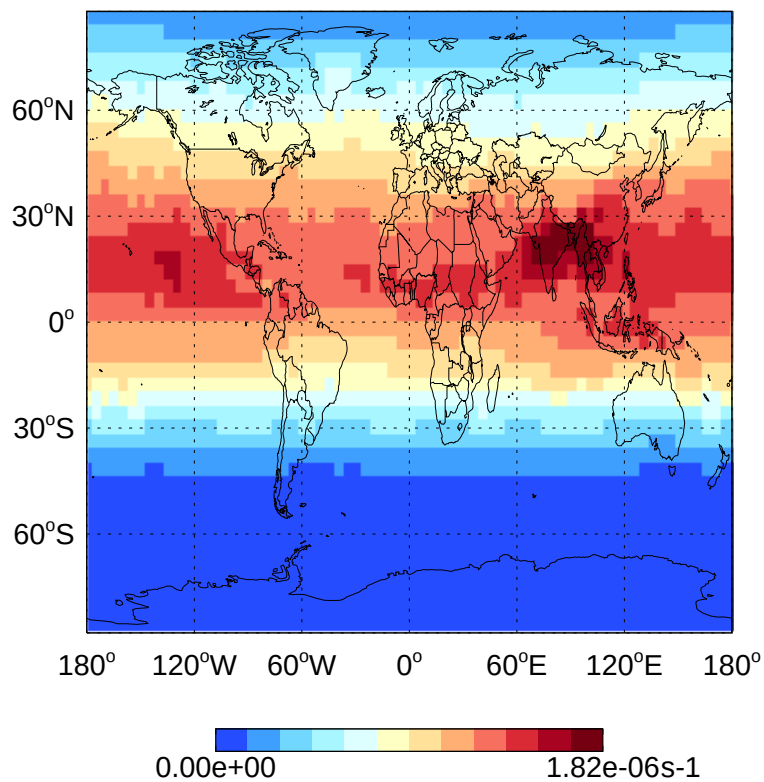
v11-02e-Run0

JACET - J-Value @ surface for Jul



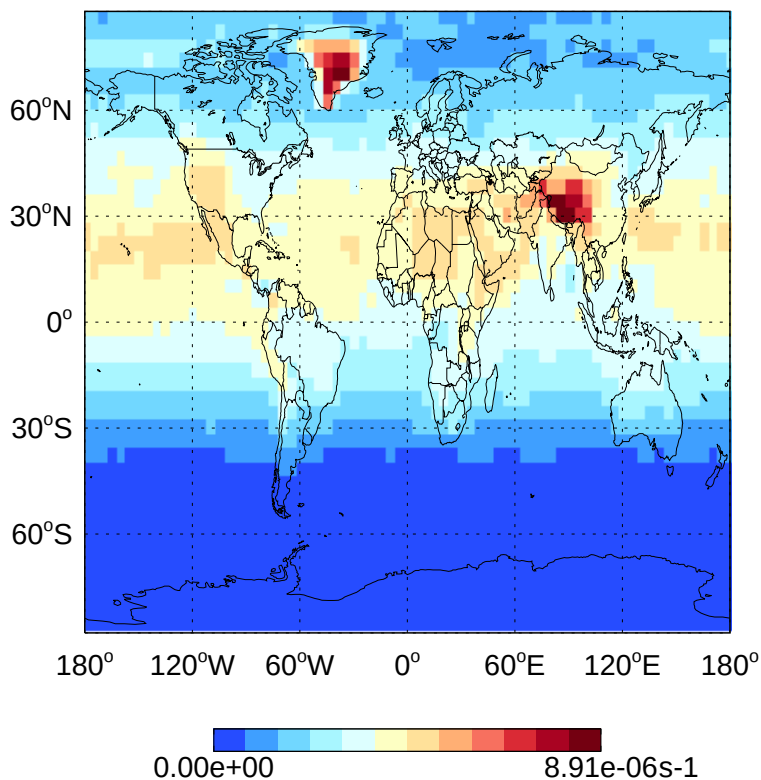
v11-02e-Run0

JACET - J-Value @ 500 hPa for Jul



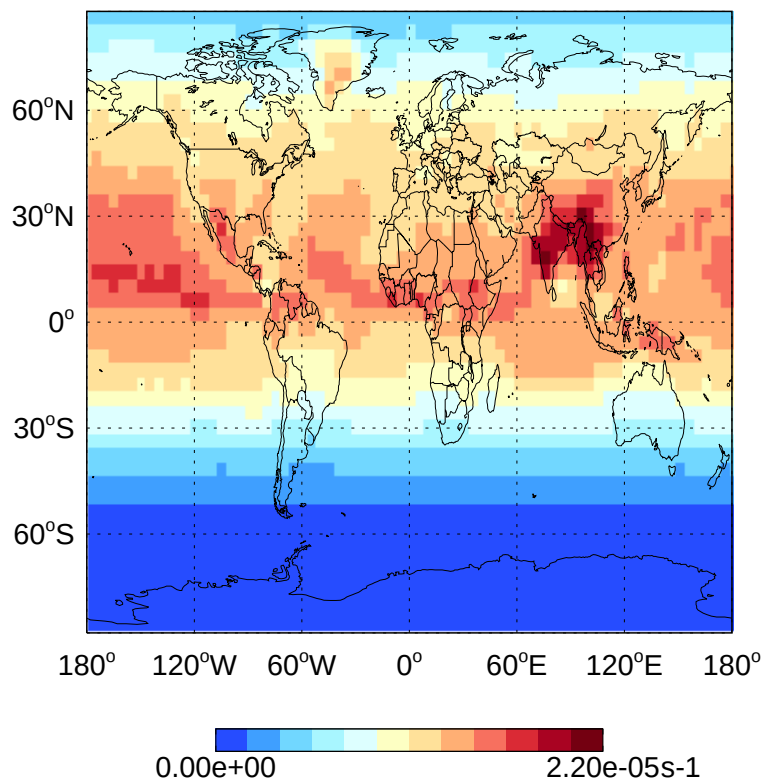
v11-02c-Run0

JALD2 - J-Value @ surface for Jul



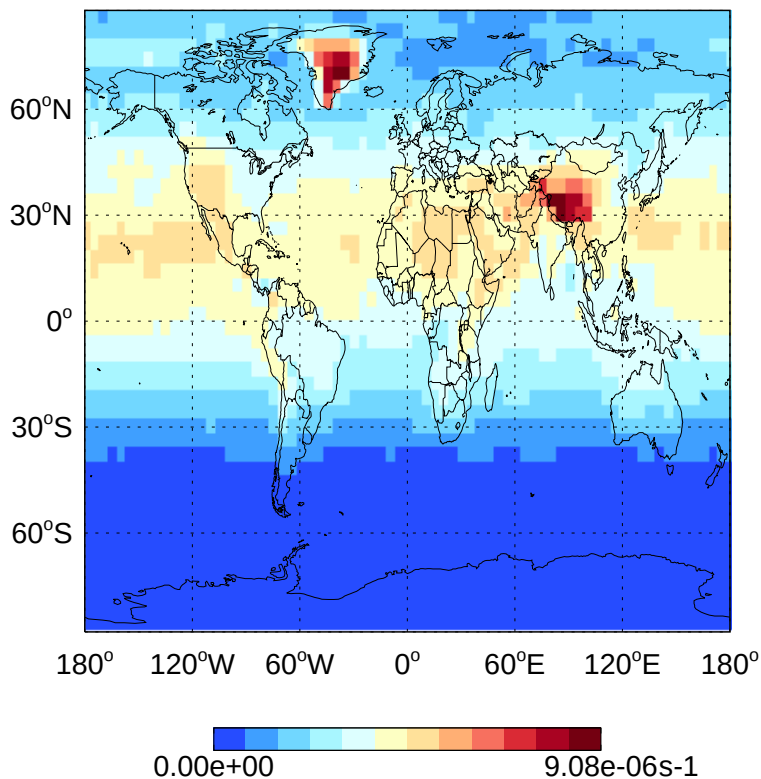
v11-02c-Run0

JALD2 - J-Value @ 500 hPa for Jul



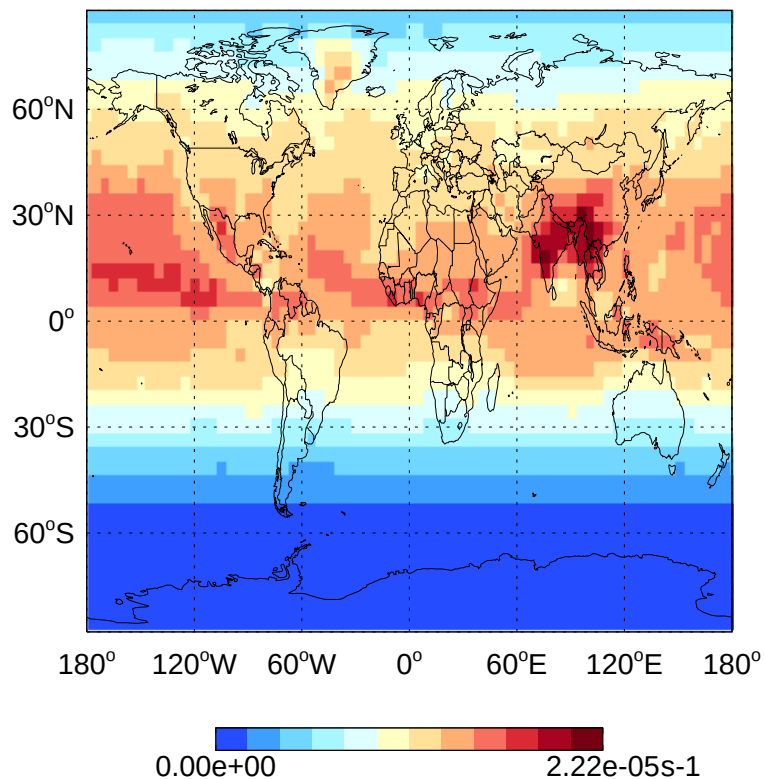
v11-02d-Run1

JALD2 - J-Value @ surface for Jul



v11-02d-Run1

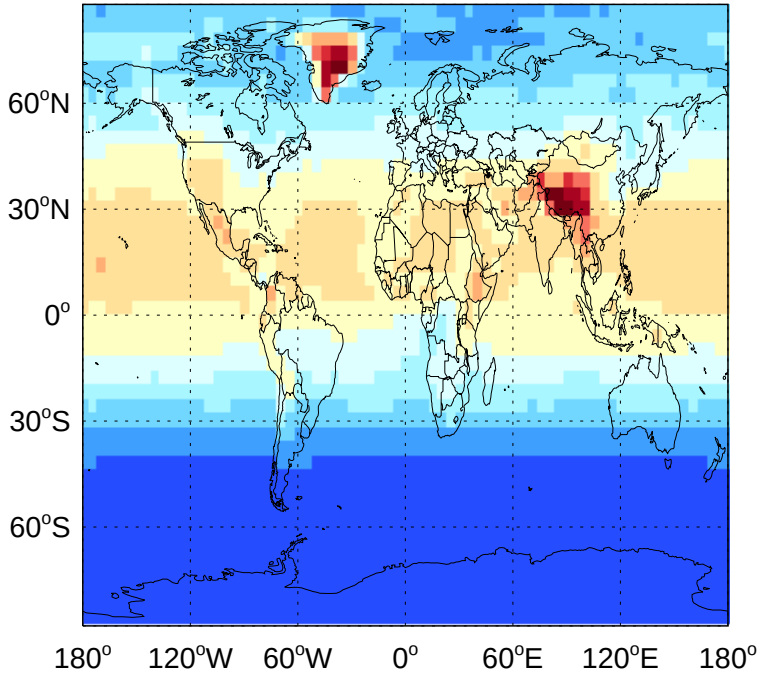
JALD2 - J-Value @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

v11-02e-Run0

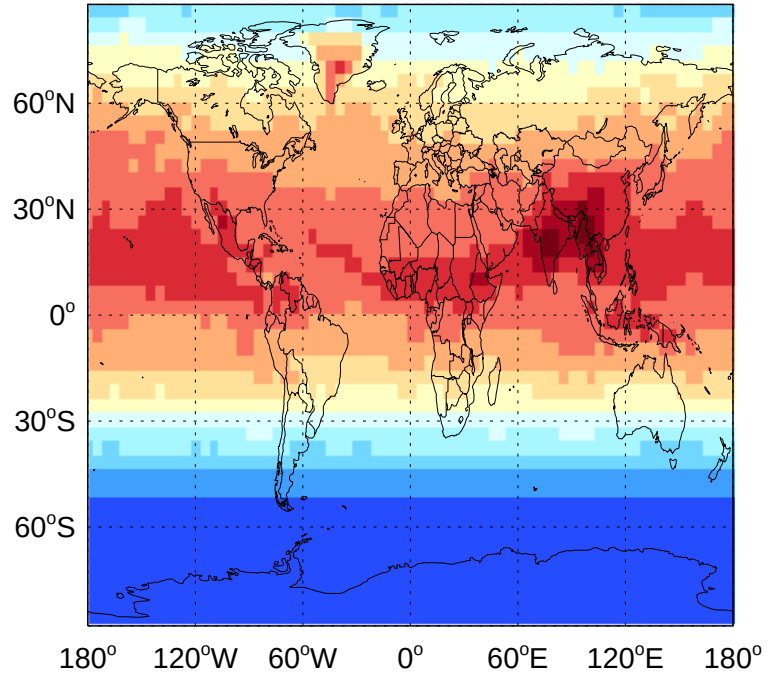
JALD2 - J-Value @ surface for Jul



0.00e+00 8.91e-06s-1

v11-02e-Run0

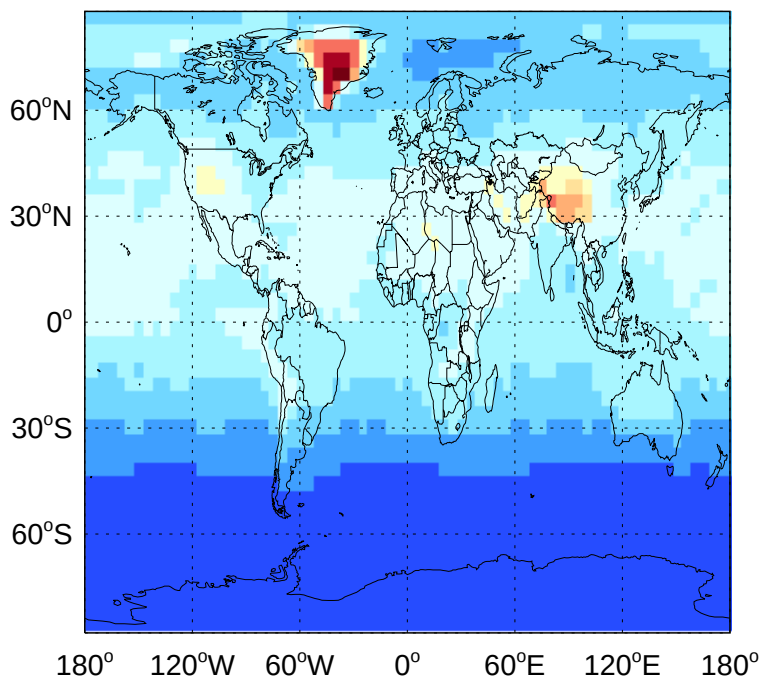
JALD2 - J-Value @ 500 hPa for Jul



0.00e+00 1.77e-05s-1

v11-02c-Run0

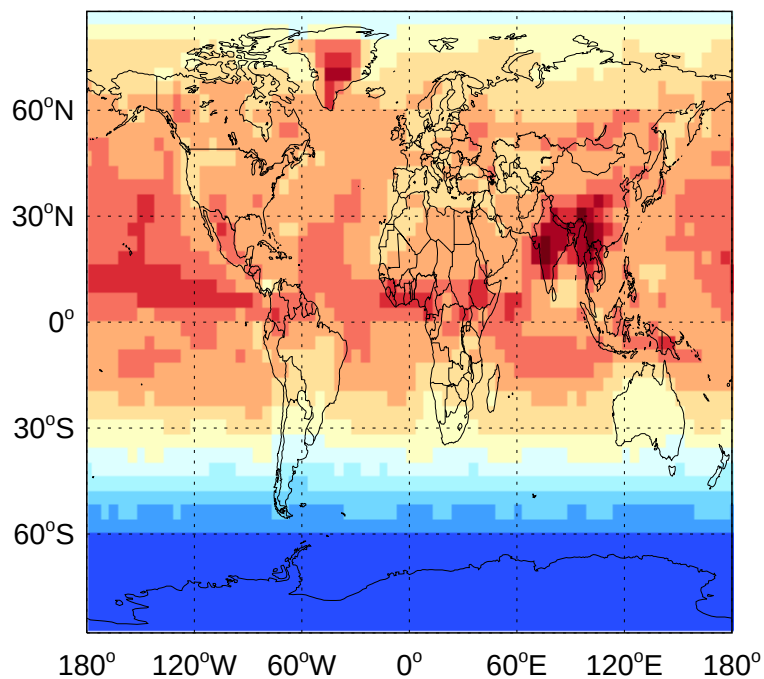
JMVK - J-Value @ surface for Jul



0.00e+00 1.18e-05s-1

v11-02c-Run0

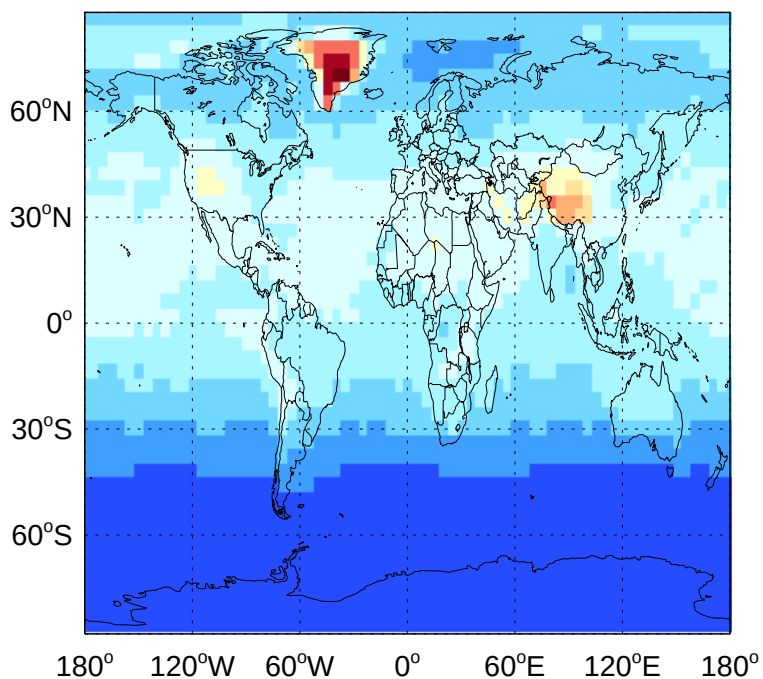
JMVK - J-Value @ 500 hPa for Jul



0.00e+00 2.00e-05s-1

v11-02d-Run1

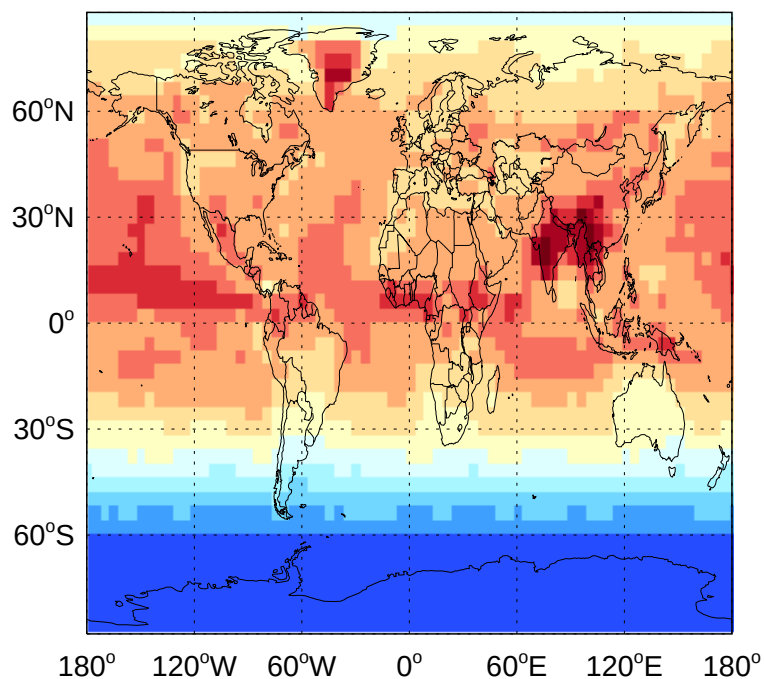
JMVK - J-Value @ surface for Jul



0.00e+00 1.19e-05s-1

v11-02d-Run1

JMVK - J-Value @ 500 hPa for Jul

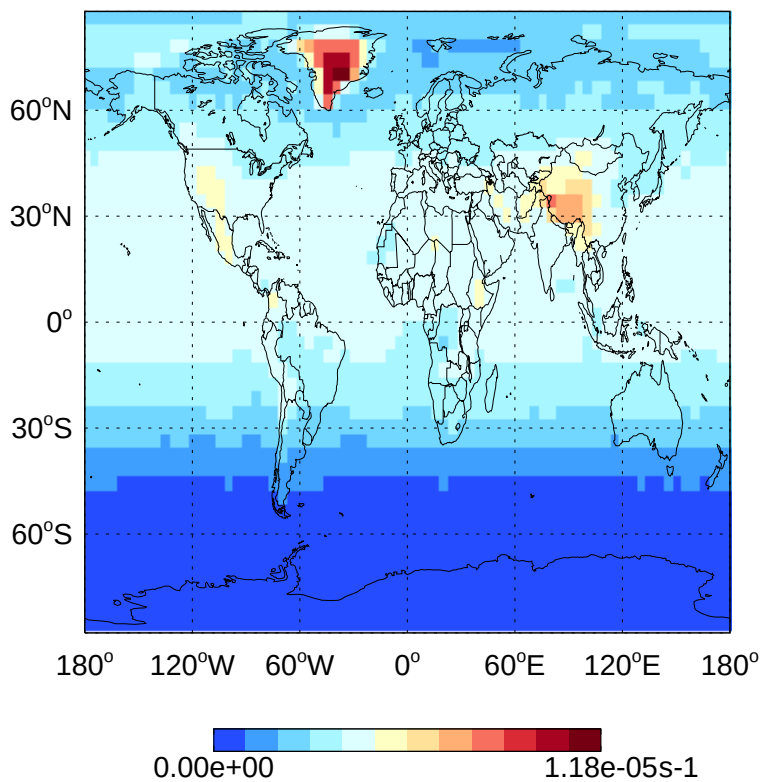


0.00e+00 2.01e-05s-1

GEOS-Chem J-Values at surface and 500 hPa

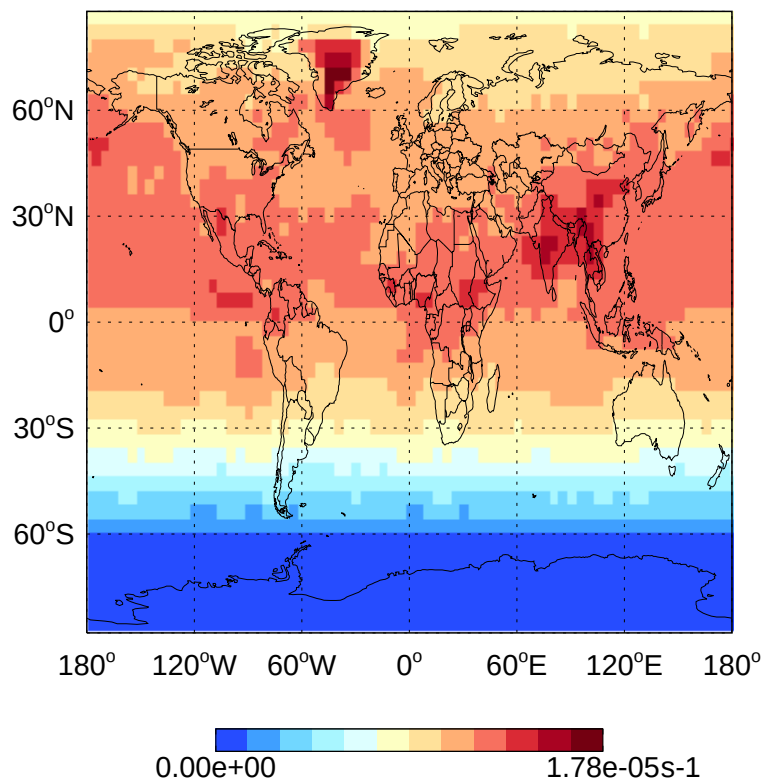
v11-02e-Run0

JMVK - J-Value @ surface for Jul



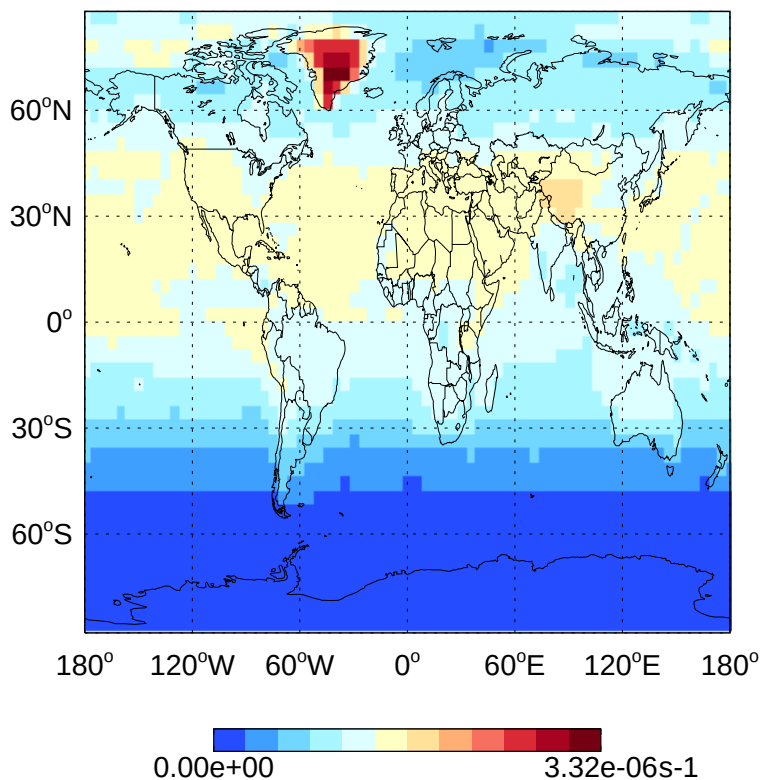
v11-02e-Run0

JMVK - J-Value @ 500 hPa for Jul



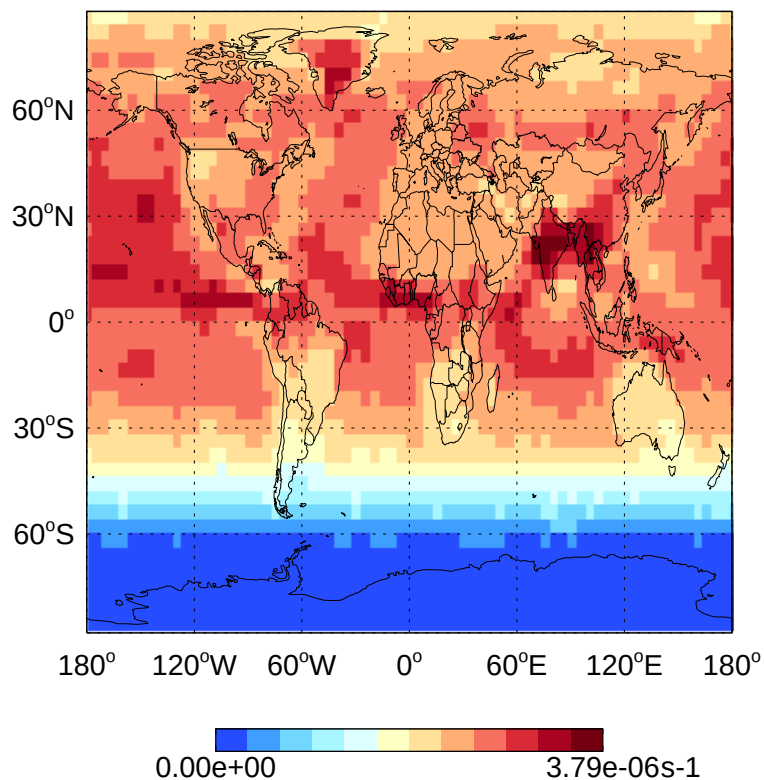
v11-02c-Run0

JMACR - J-Value @ surface for Jul



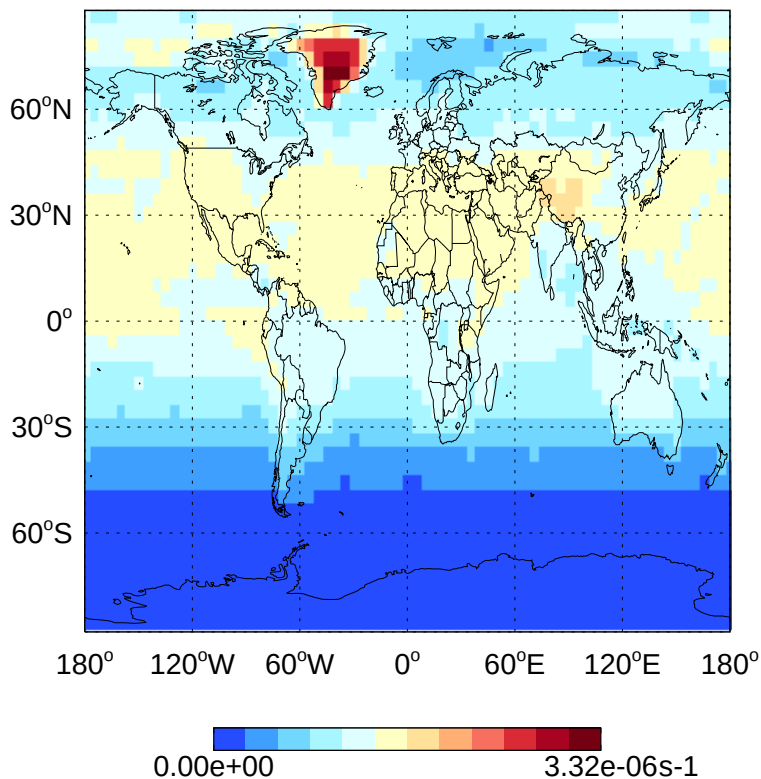
v11-02c-Run0

JMACR - J-Value @ 500 hPa for Jul



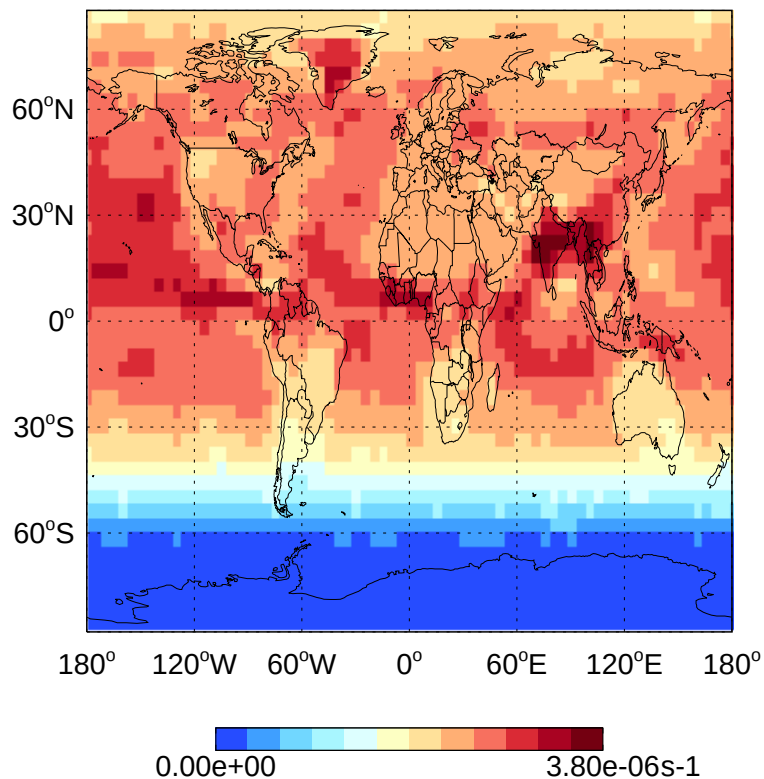
v11-02d-Run1

JMACR - J-Value @ surface for Jul



v11-02d-Run1

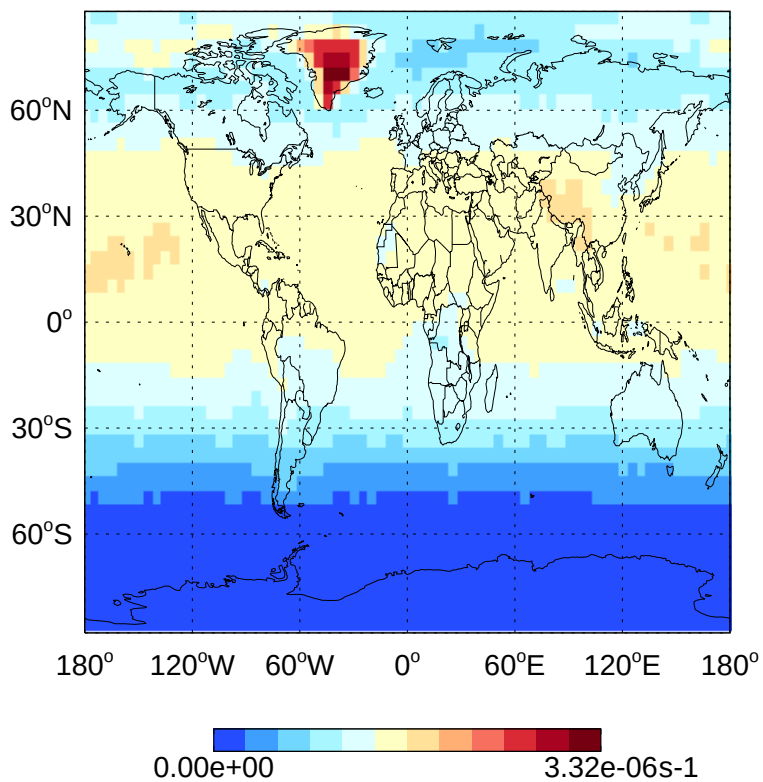
JMACR - J-Value @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

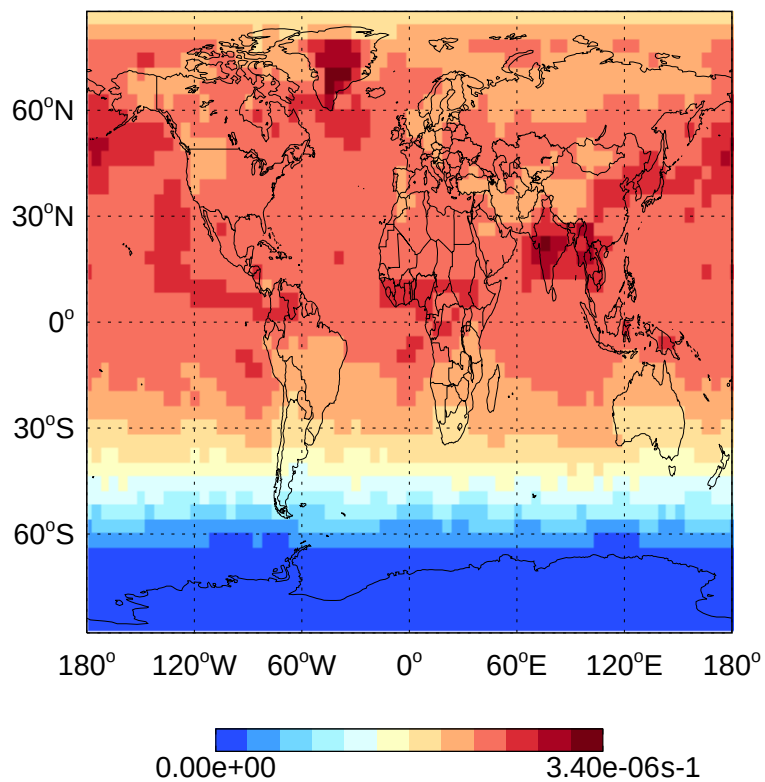
v11-02e-Run0

JMACR - J-Value @ surface for Jul



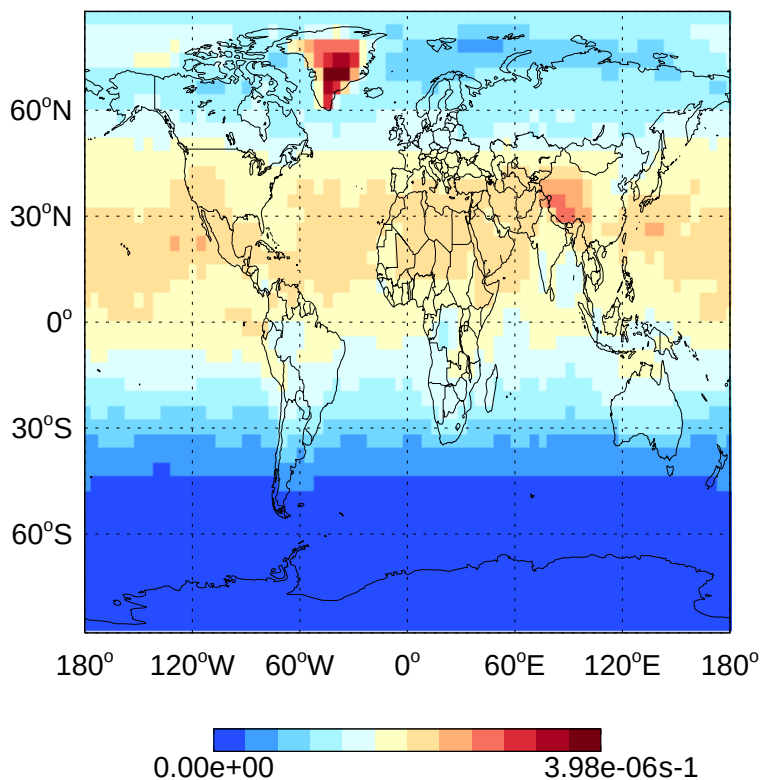
v11-02e-Run0

JMACR - J-Value @ 500 hPa for Jul



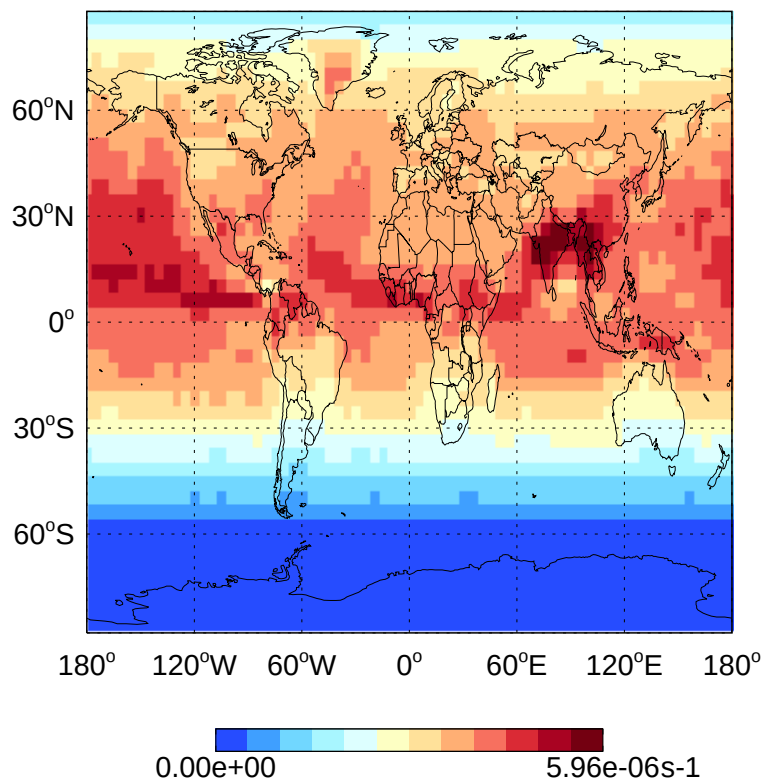
v11-02c-Run0

JHAC - J-Value @ surface for Jul



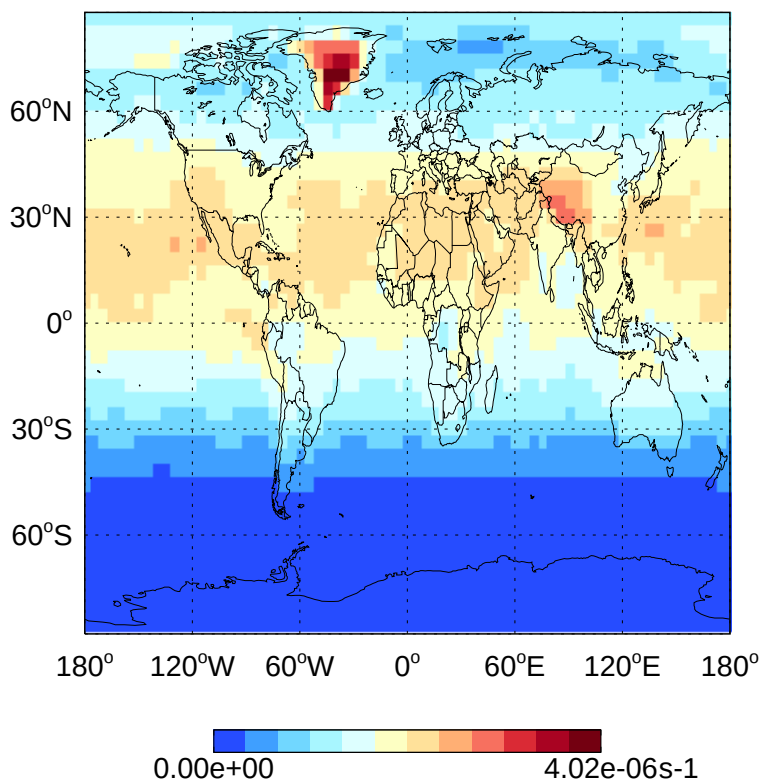
v11-02c-Run0

JHAC - J-Value @ 500 hPa for Jul



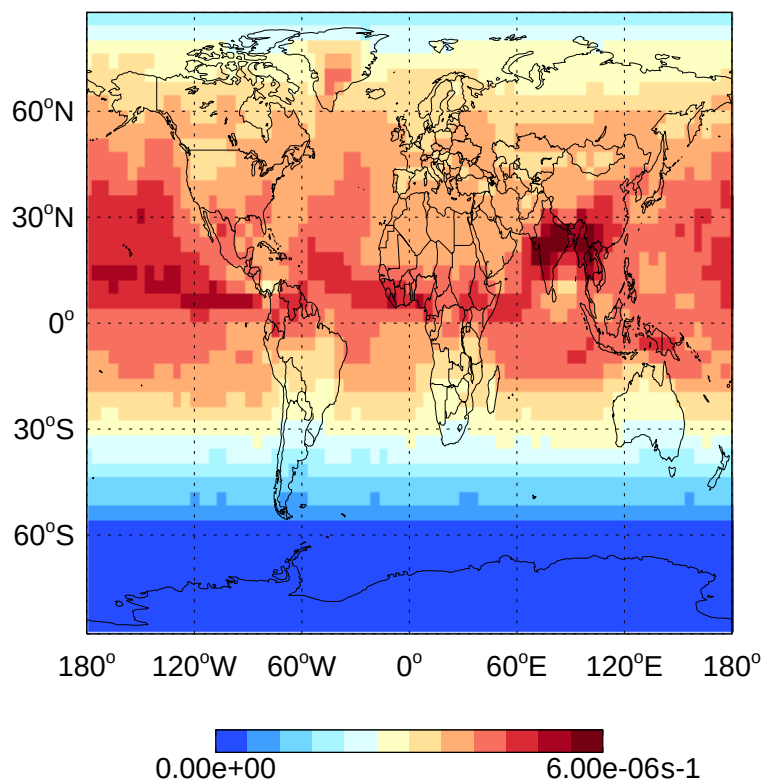
v11-02d-Run1

JHAC - J-Value @ surface for Jul



v11-02d-Run1

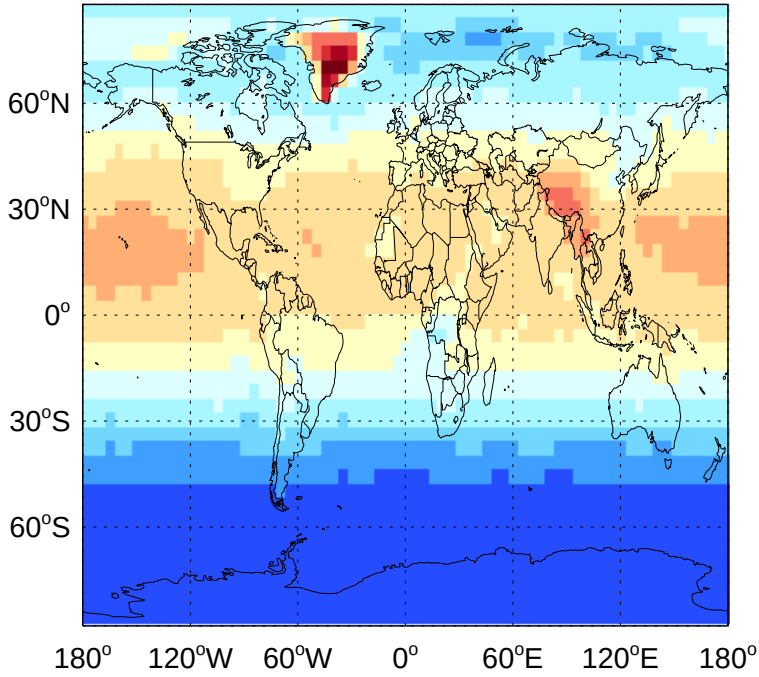
JHAC - J-Value @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

v11-02e-Run0

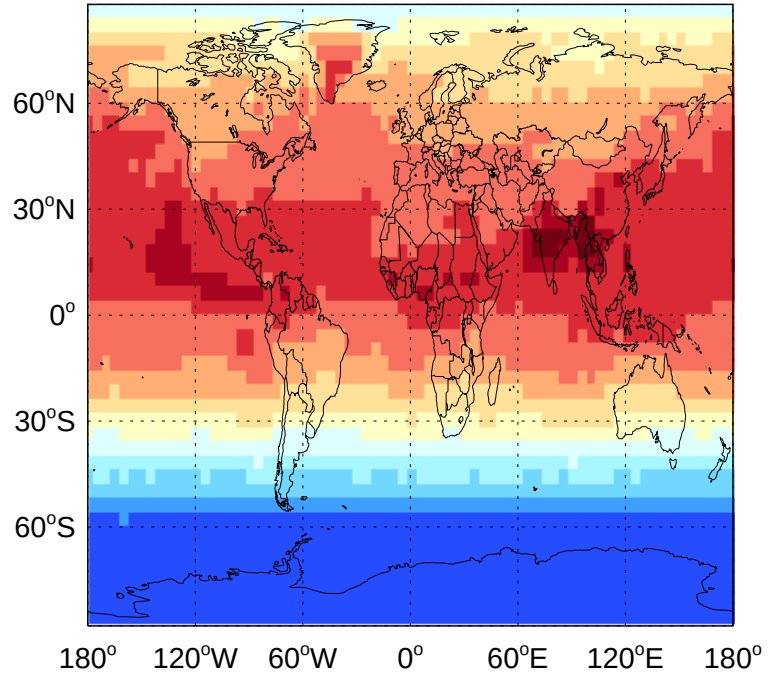
JHAC - J-Value @ surface for Jul



0.00e+00 3.98e-06s-1

v11-02e-Run0

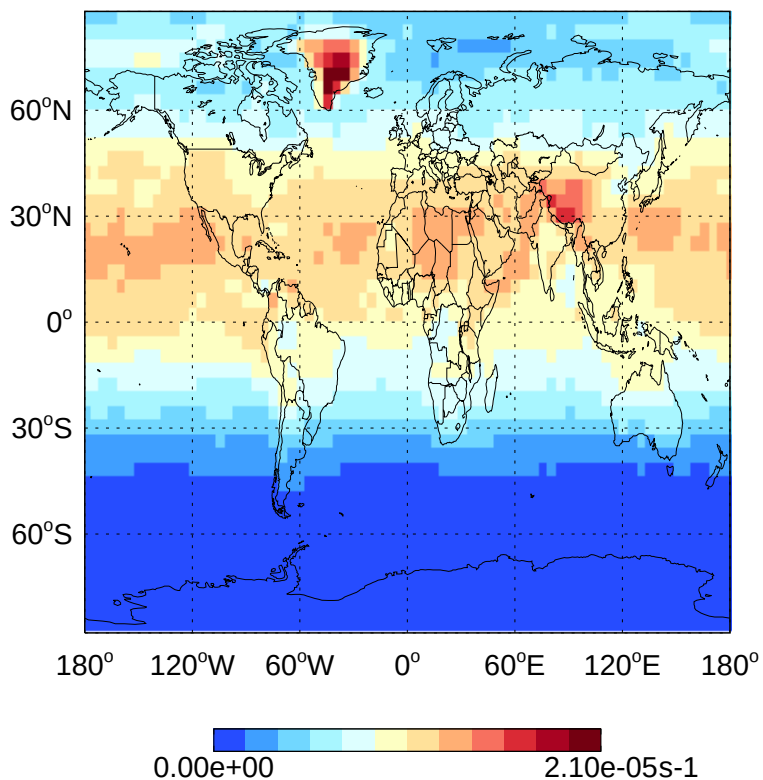
JHAC - J-Value @ 500 hPa for Jul



0.00e+00 5.02e-06s-1

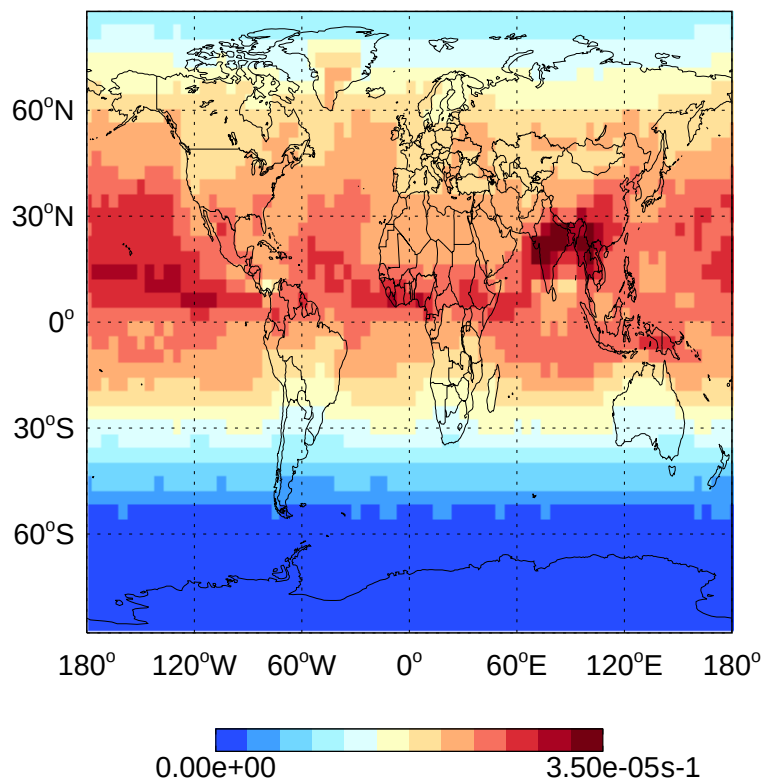
v11-02c-Run0

JGLYC - J-Value @ surface for Jul



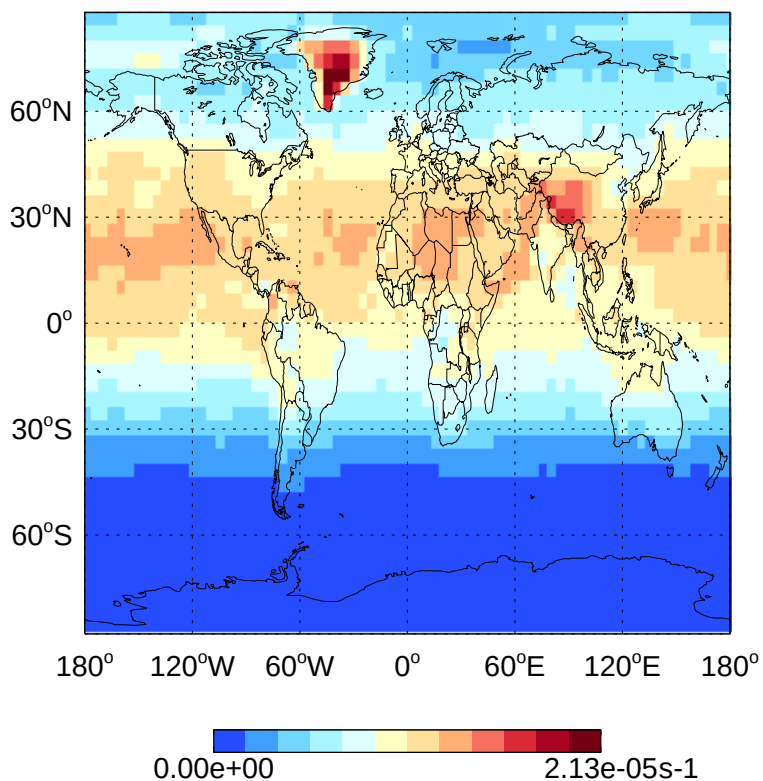
v11-02c-Run0

JGLYC - J-Value @ 500 hPa for Jul



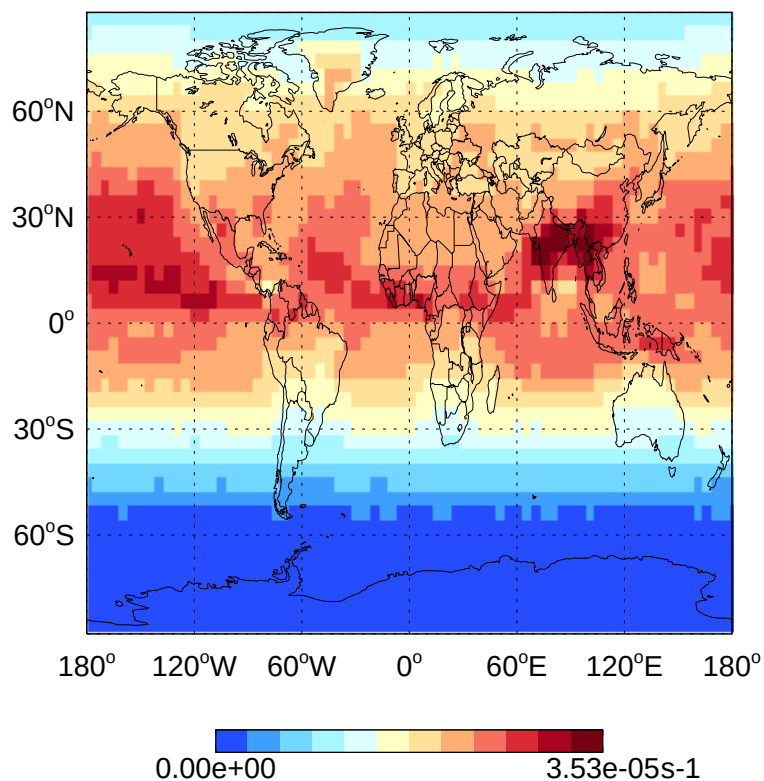
v11-02d-Run1

JGLYC - J-Value @ surface for Jul



v11-02d-Run1

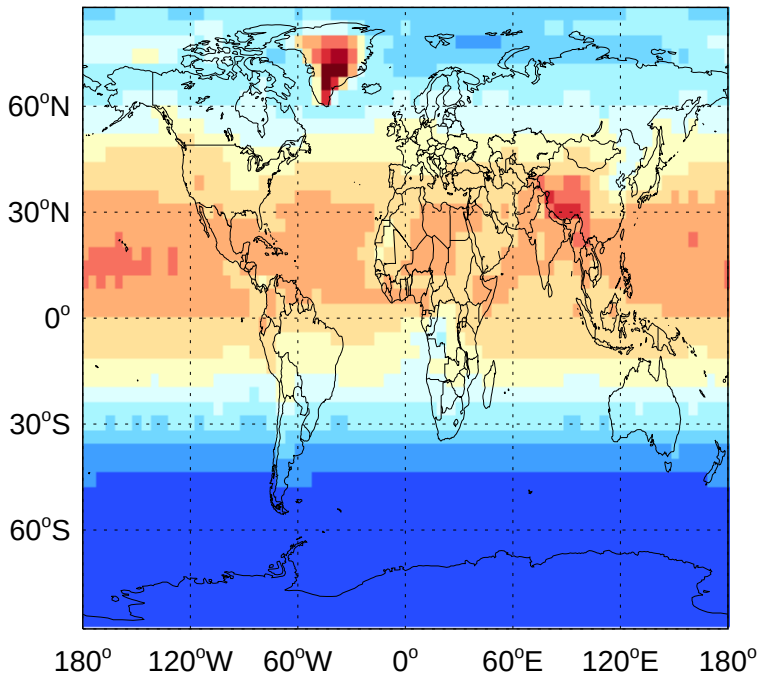
JGLYC - J-Value @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

v11-02e-Run0

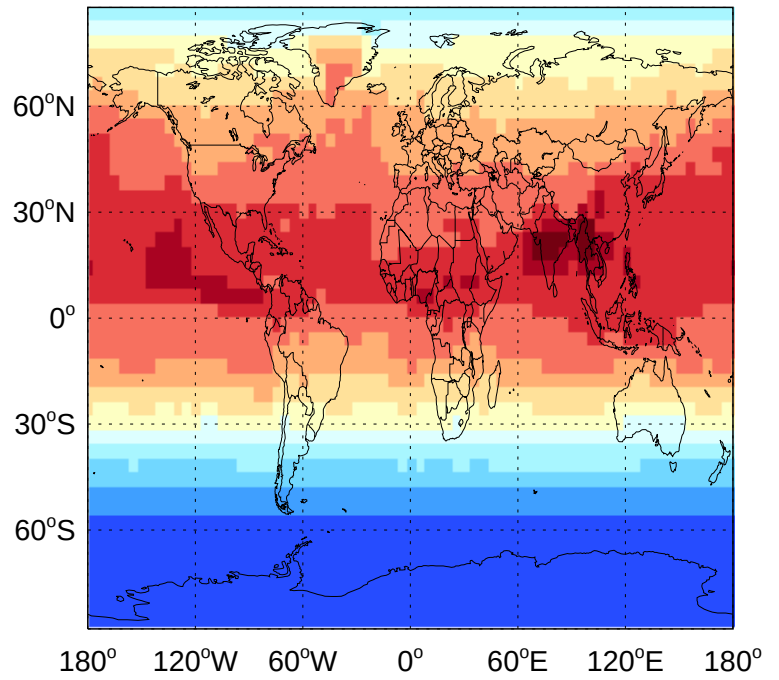
JGLYC - J-Value @ surface for Jul



0.00e+00 $2.10 \times 10^{-5} \text{ s}^{-1}$

v11-02e-Run0

JGLYC - J-Value @ 500 hPa for Jul



0.00e+00 $2.95 \times 10^{-5} \text{ s}^{-1}$