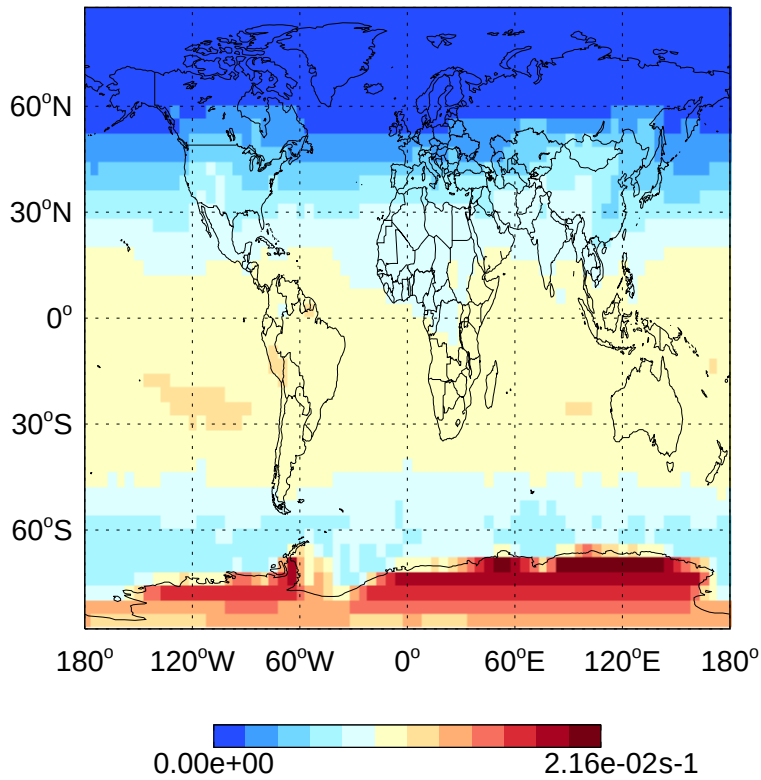


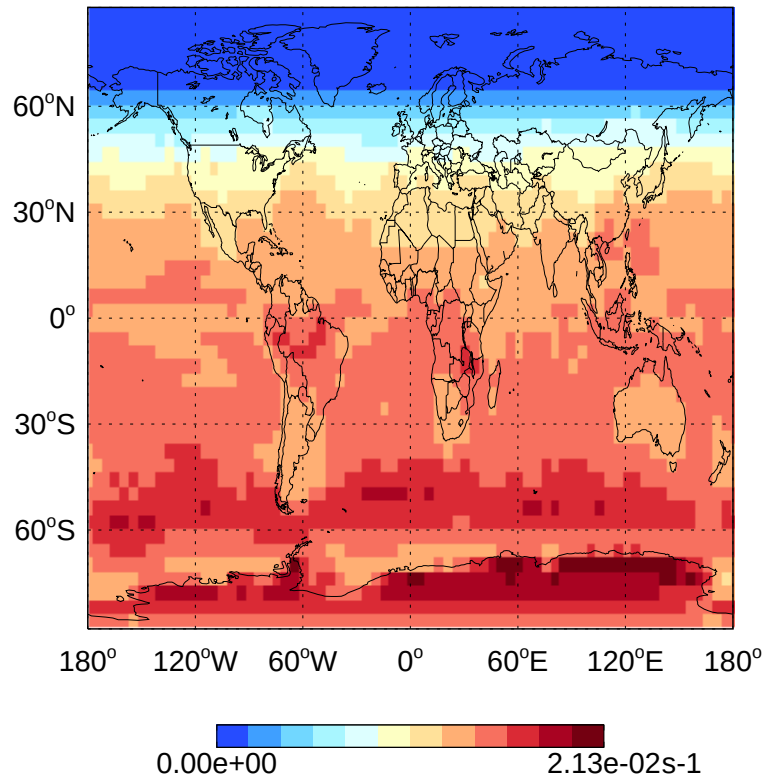
v11-02c-Run0

JNO2 - J-Value @ surface for Jan



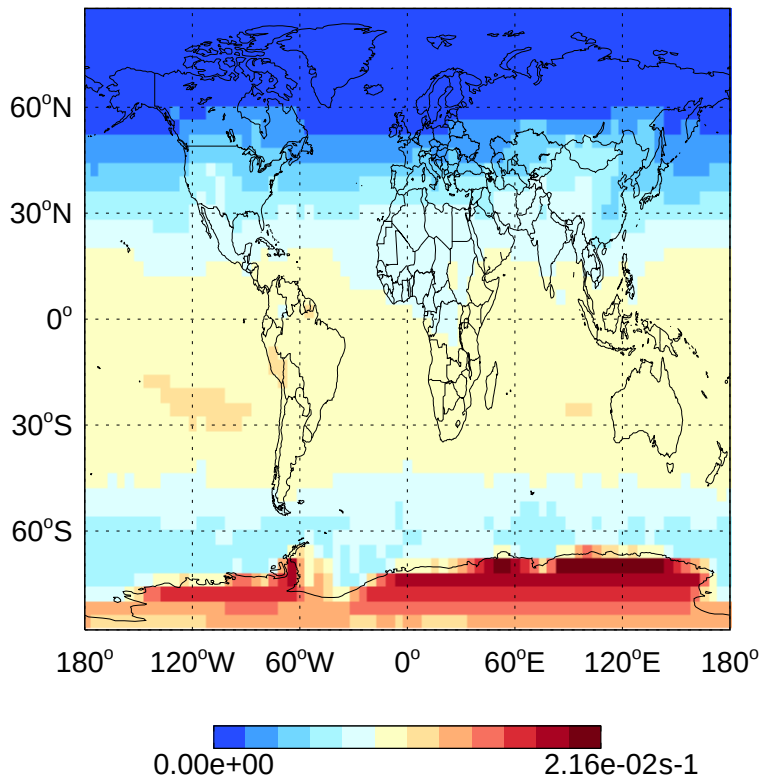
v11-02c-Run0

JNO2 - J-Value @ 500 hPa for Jan



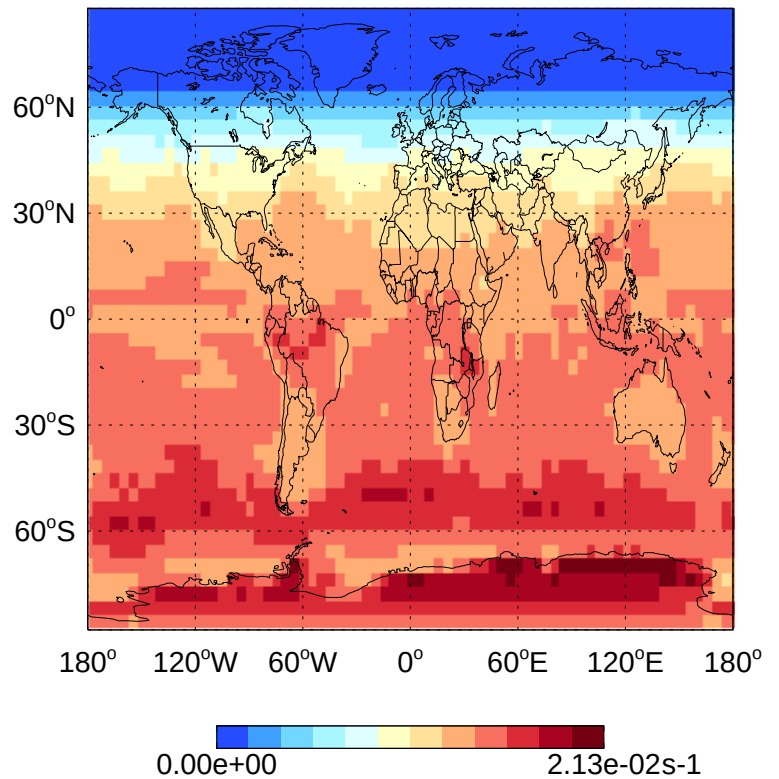
v11-02d-Run1

JNO2 - J-Value @ surface for Jan



v11-02d-Run1

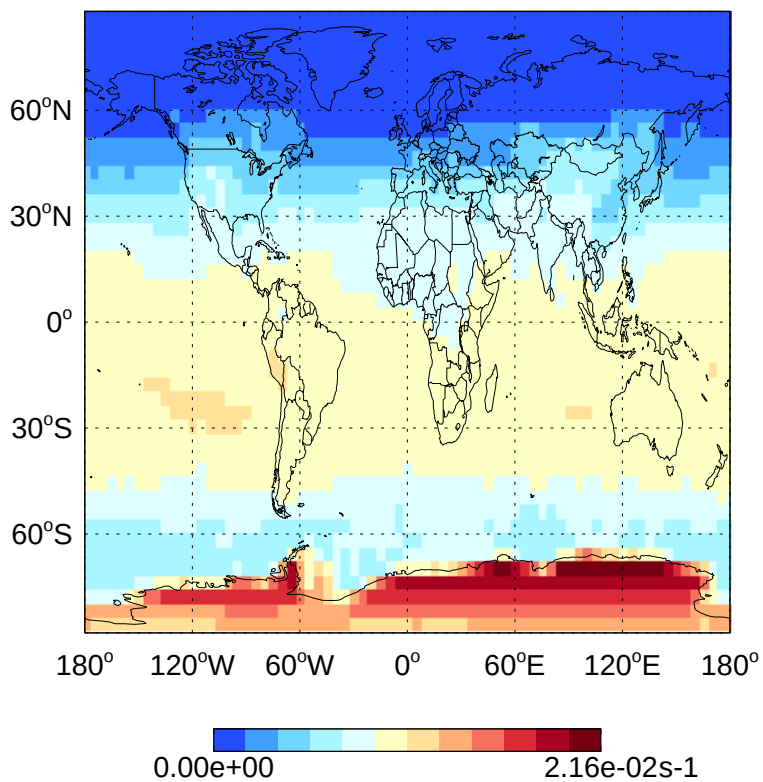
JNO2 - J-Value @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

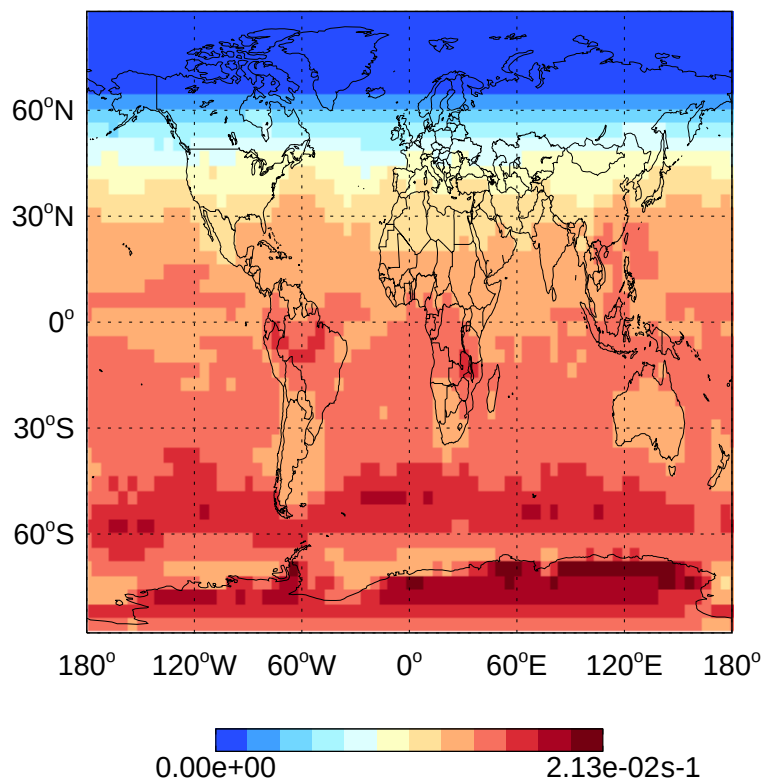
v11-02e-Run0

JNO2 - J-Value @ surface for Jan



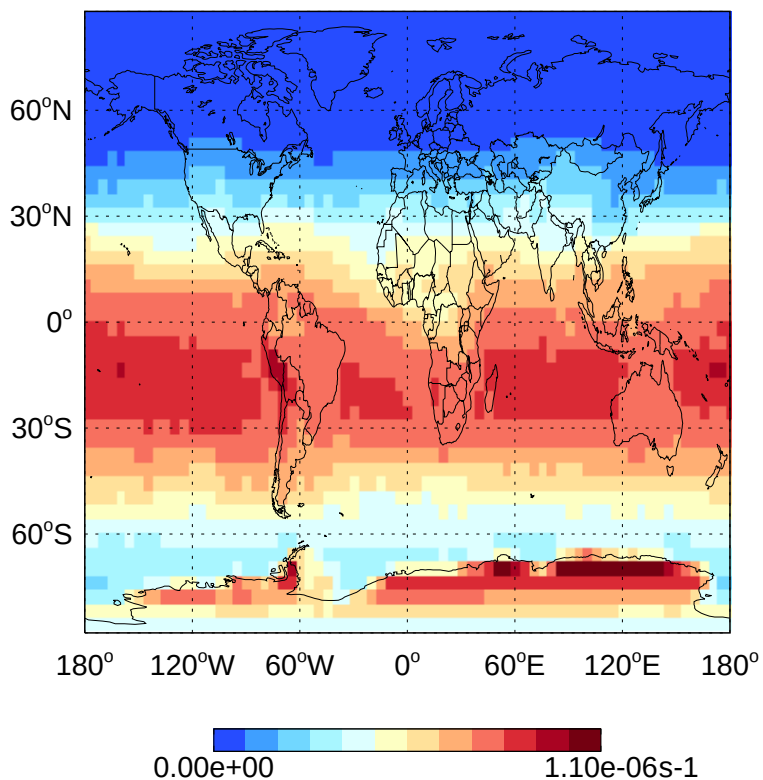
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JNO2 - J-Value @ 500 hPa for Jan



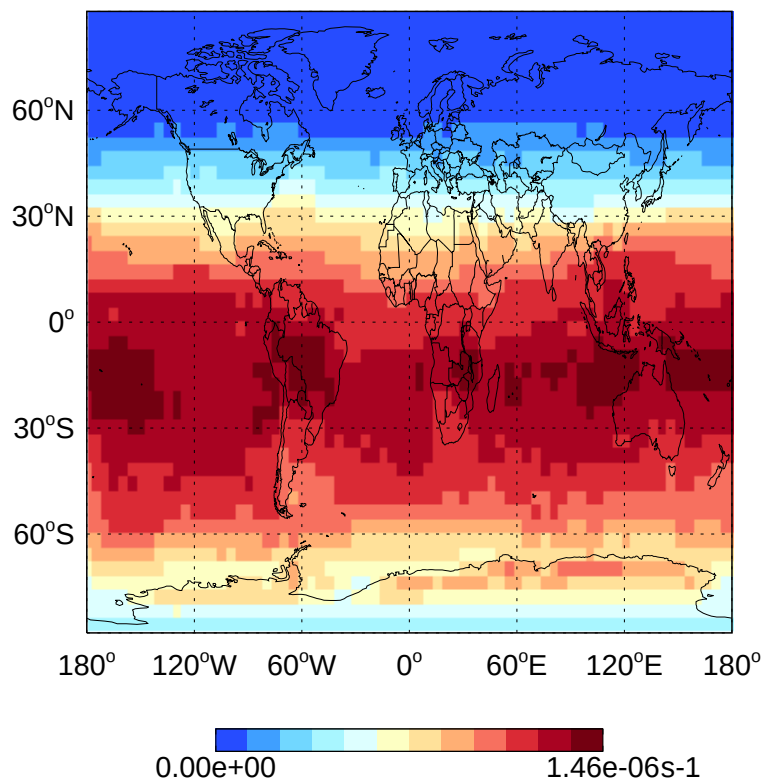
v11-02c-Run0

JHNO3 - J-Value @ surface for Jan



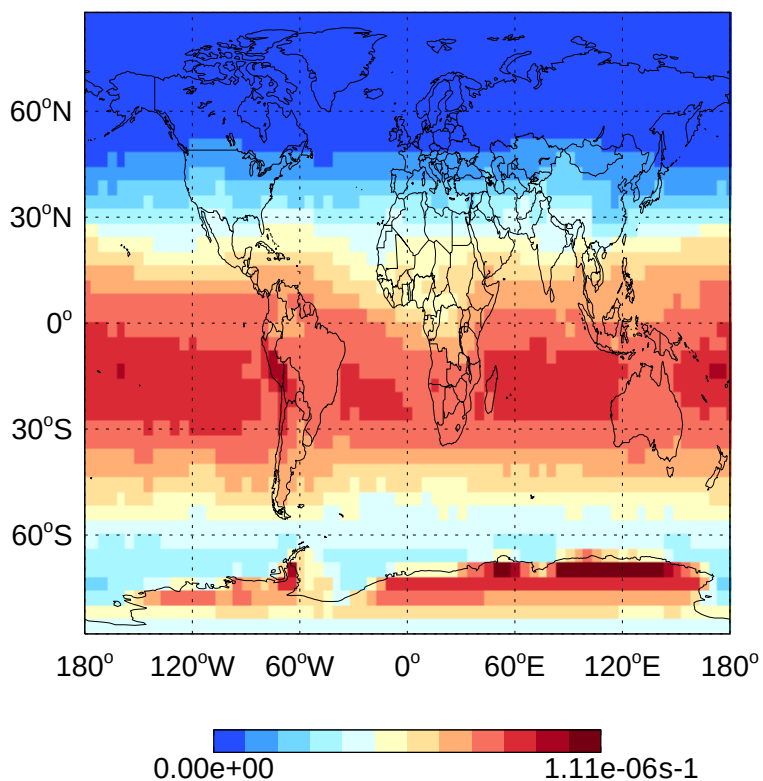
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JHNO3 - J-Value @ 500 hPa for Jan



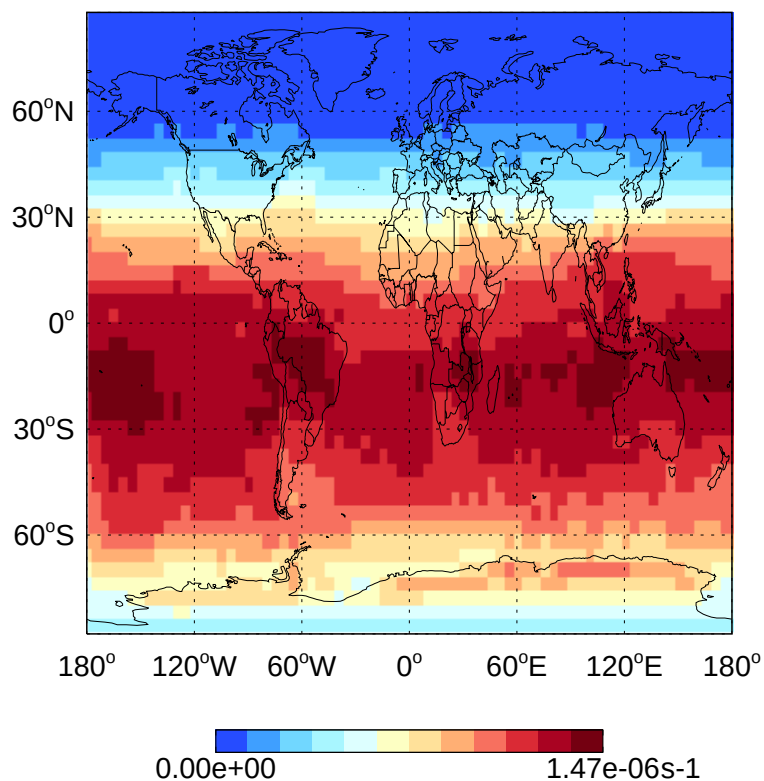
v11-02d-Run1

JHNO3 - J-Value @ surface for Jan



v11-02d-Run1

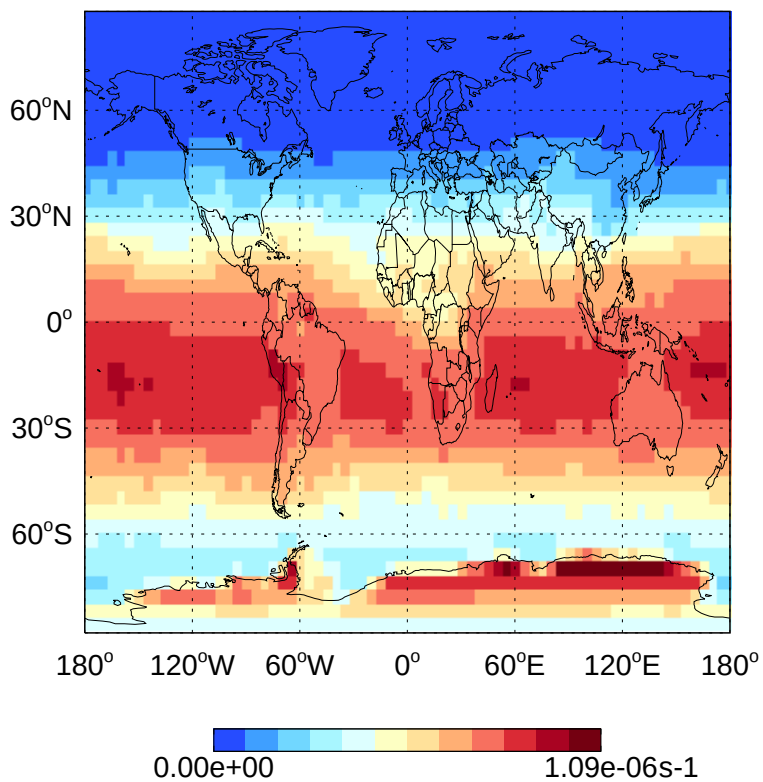
JHNO3 - J-Value @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

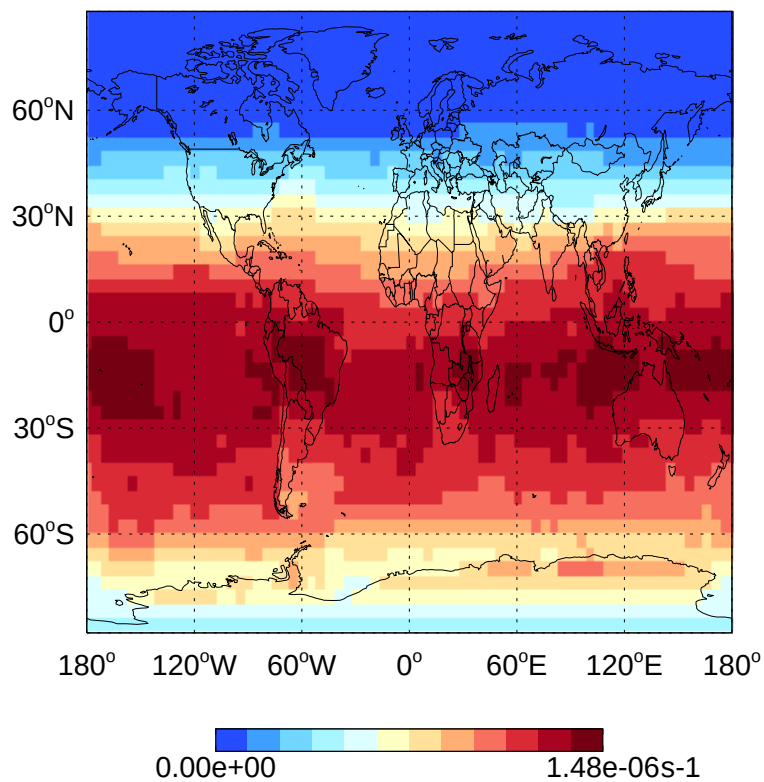
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JHNO3 - J-Value @ surface for Jan



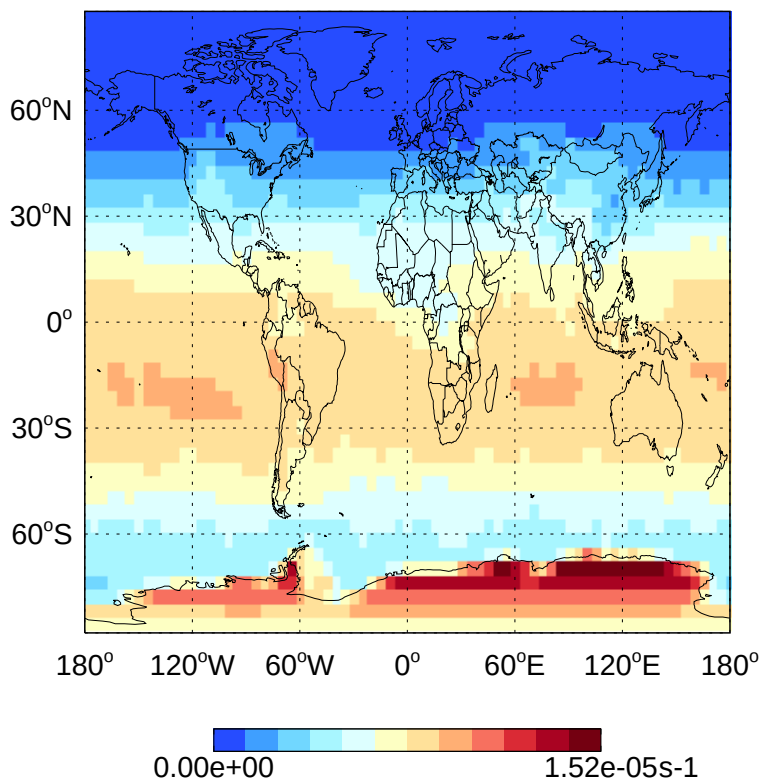
v11-02e-Run0

JHNO3 - J-Value @ 500 hPa for Jan



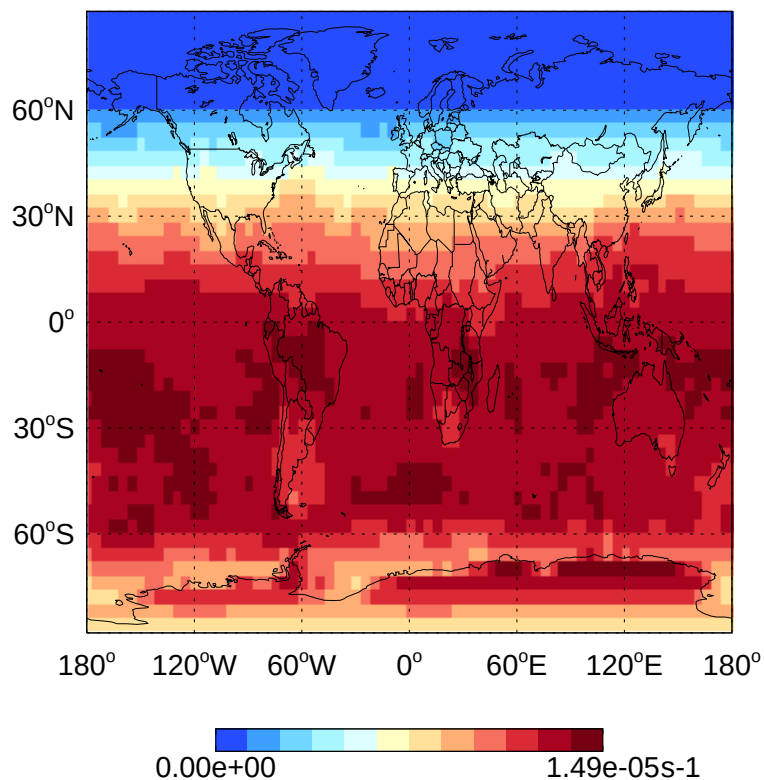
v11-02c-Run0

JH2O2 - J-Value @ surface for Jan



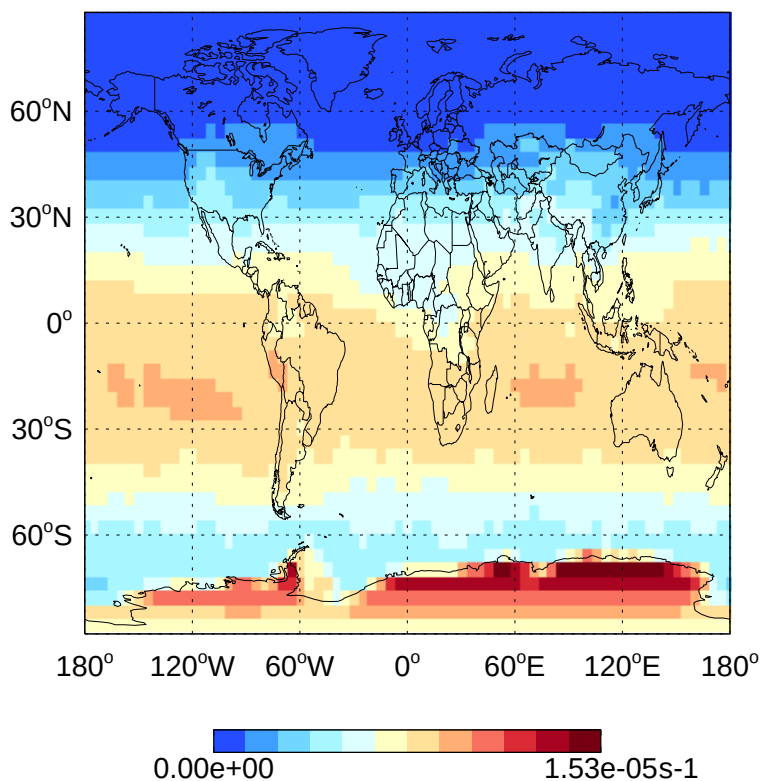
v11-02c-Run0

JH2O2 - J-Value @ 500 hPa for Jan



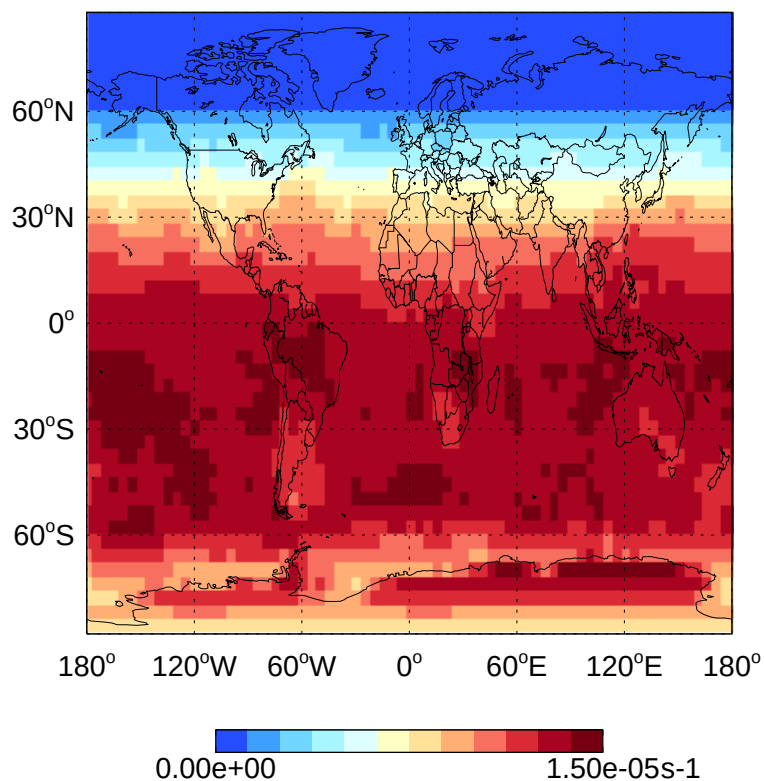
v11-02d-Run1

JH2O2 - J-Value @ surface for Jan



v11-02d-Run1

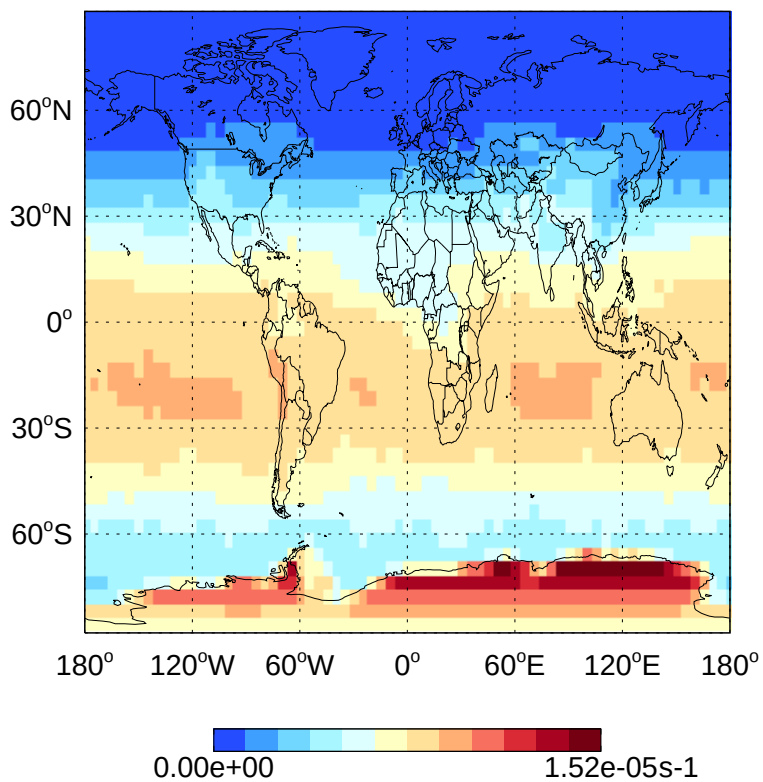
JH2O2 - J-Value @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

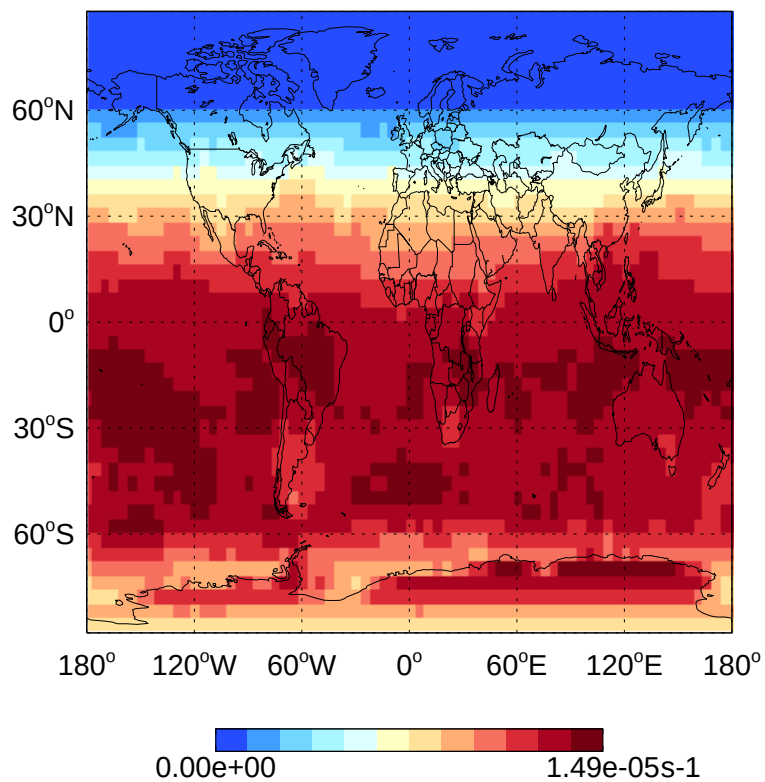
v11-02e-Run0

JH2O2 - J-Value @ surface for Jan



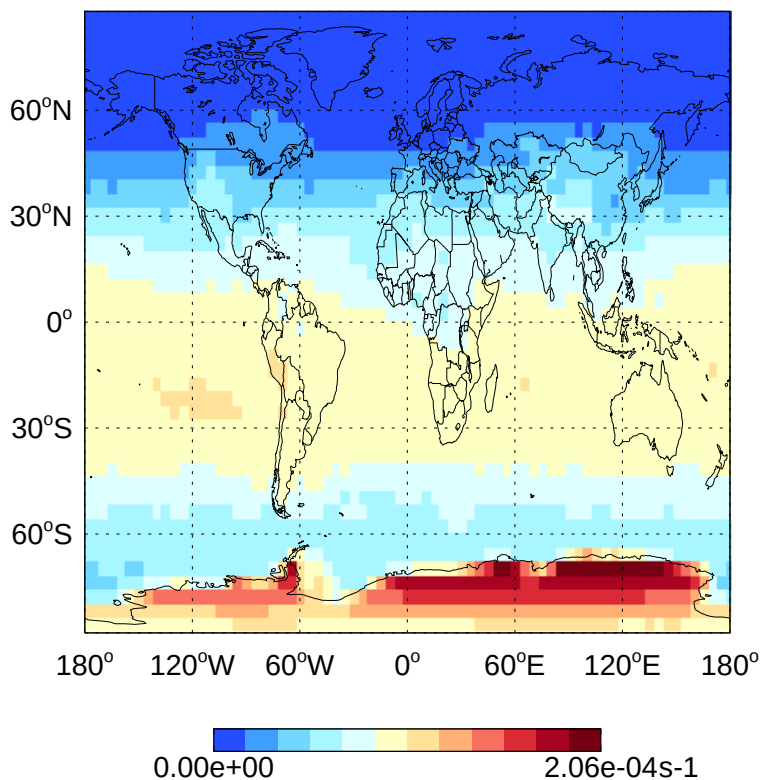
v11-02e-Run0

JH2O2 - J-Value @ 500 hPa for Jan



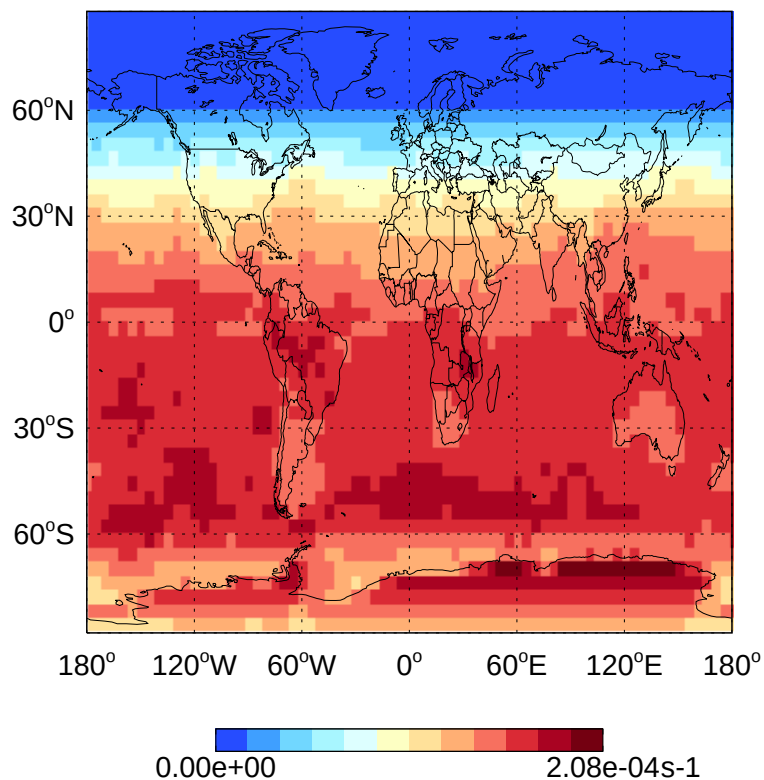
v11-02c-Run0

JCH2O - J-Value @ surface for Jan



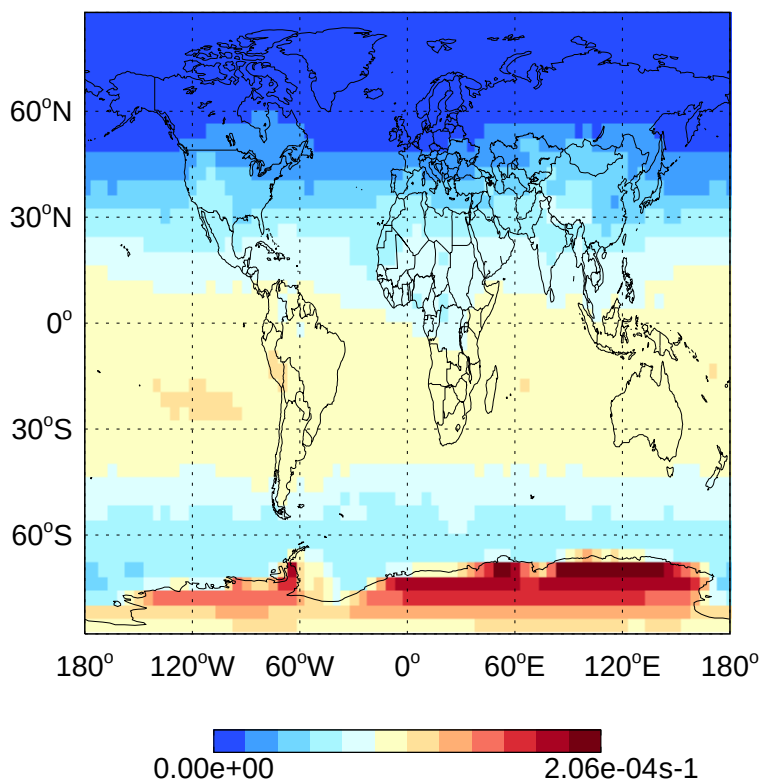
v11-02c-Run0

JCH2O - J-Value @ 500 hPa for Jan



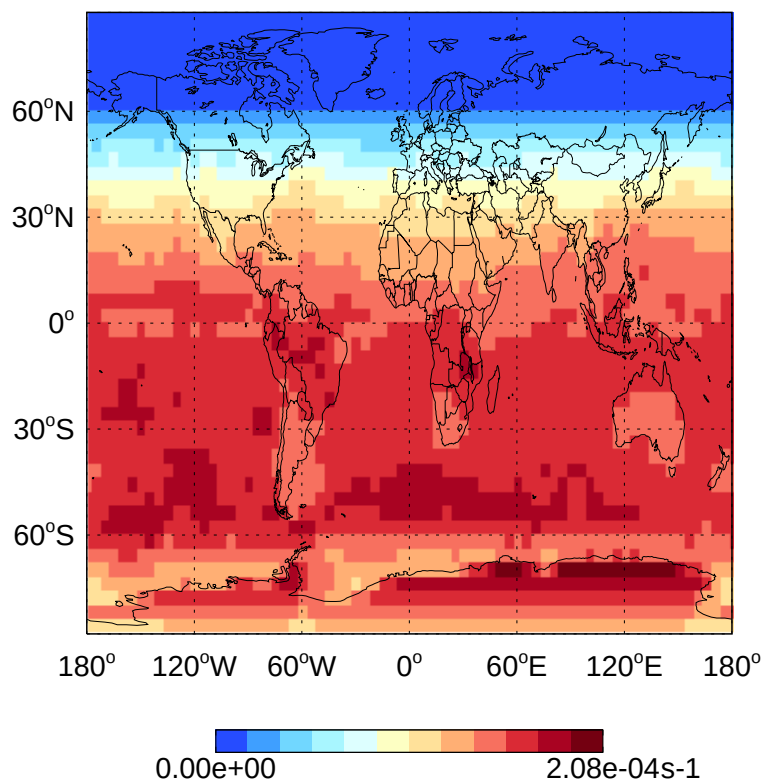
v11-02d-Run1

JCH2O - J-Value @ surface for Jan



v11-02d-Run1

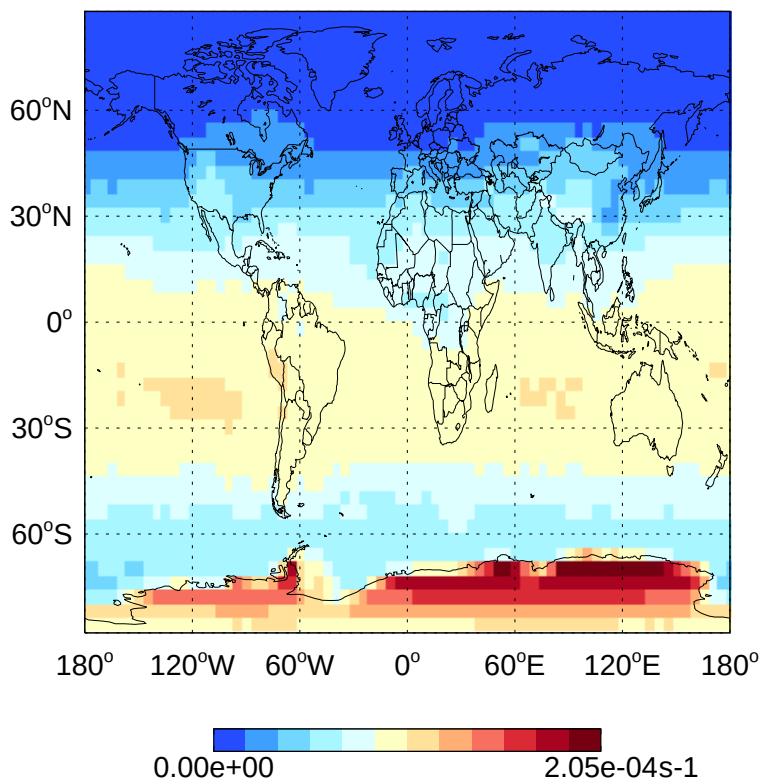
JCH2O - J-Value @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

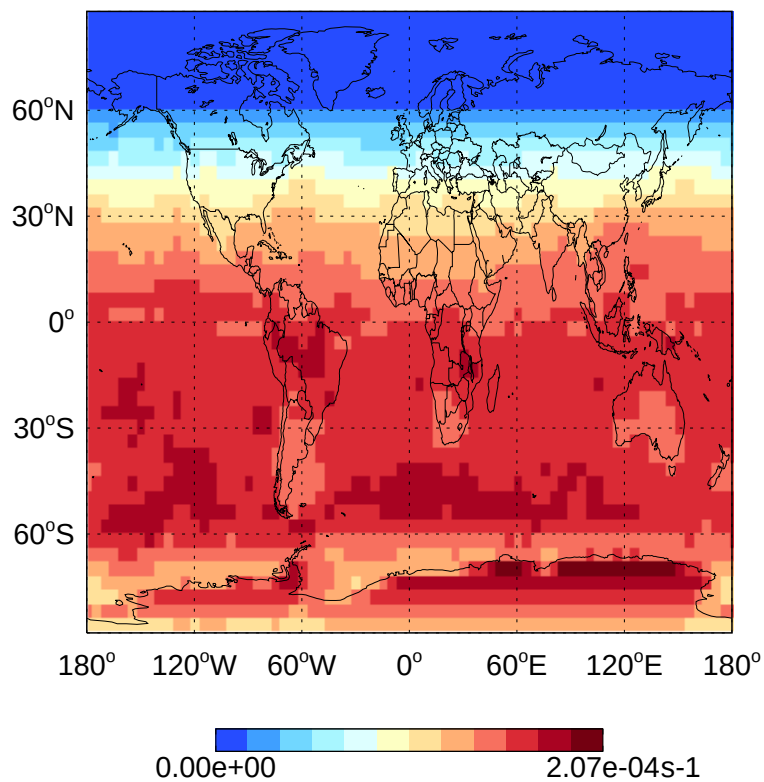
v11-02e-Run0

JCH2O - J-Value @ surface for Jan



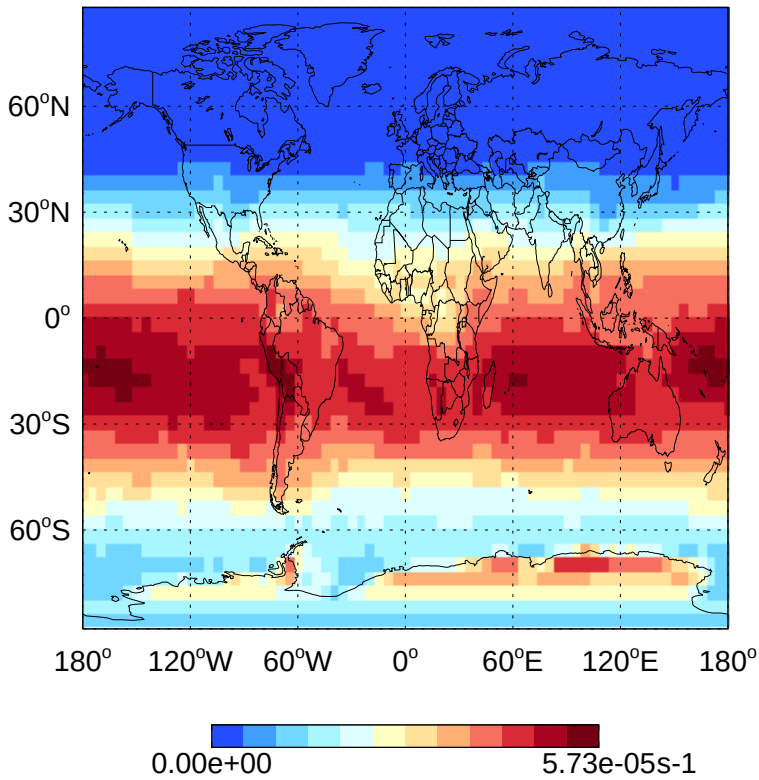
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JCH2O - J-Value @ 500 hPa for Jan



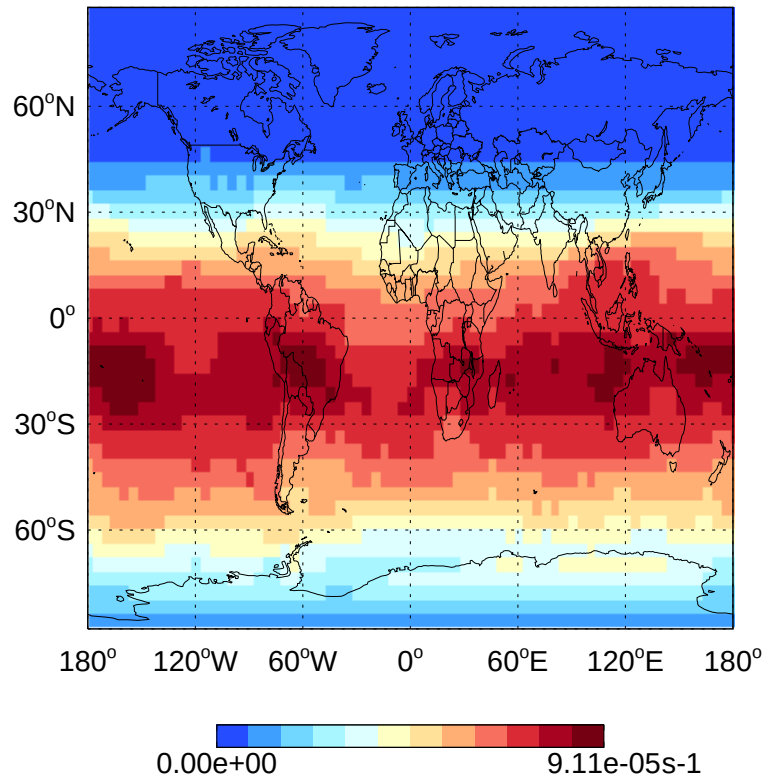
v11-02c-Run0

JO3\_O1D - J-Value @ surface for Jan



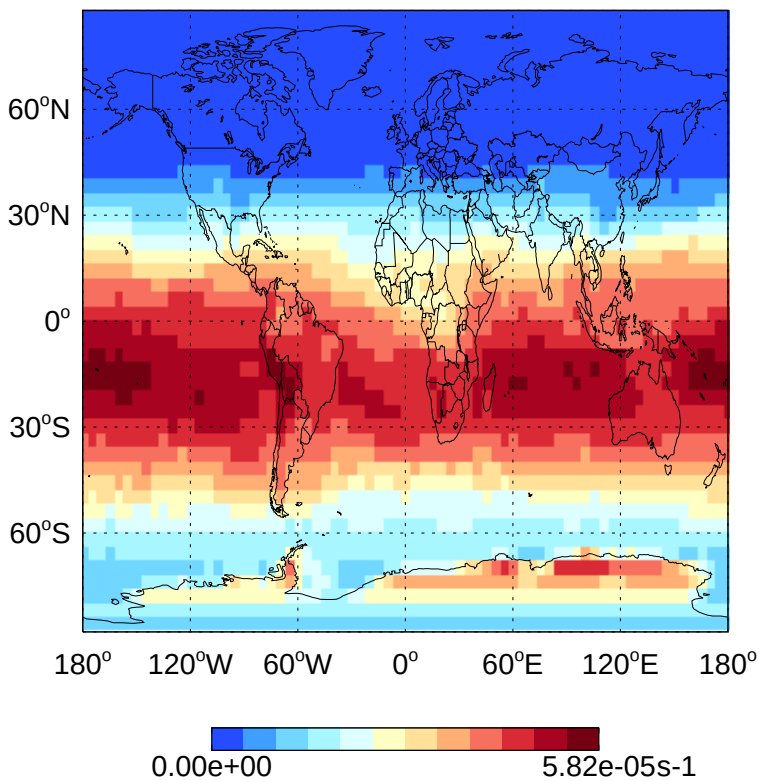
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JO3\_O1D - J-Value @ 500 hPa for Jan



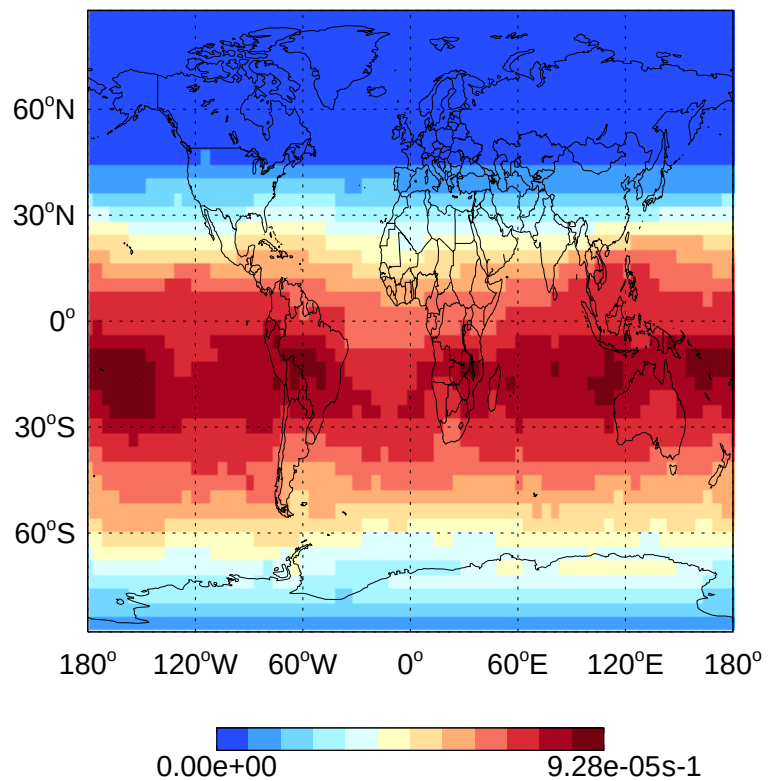
v11-02d-Run1

JO3\_O1D - J-Value @ surface for Jan



v11-02d-Run1

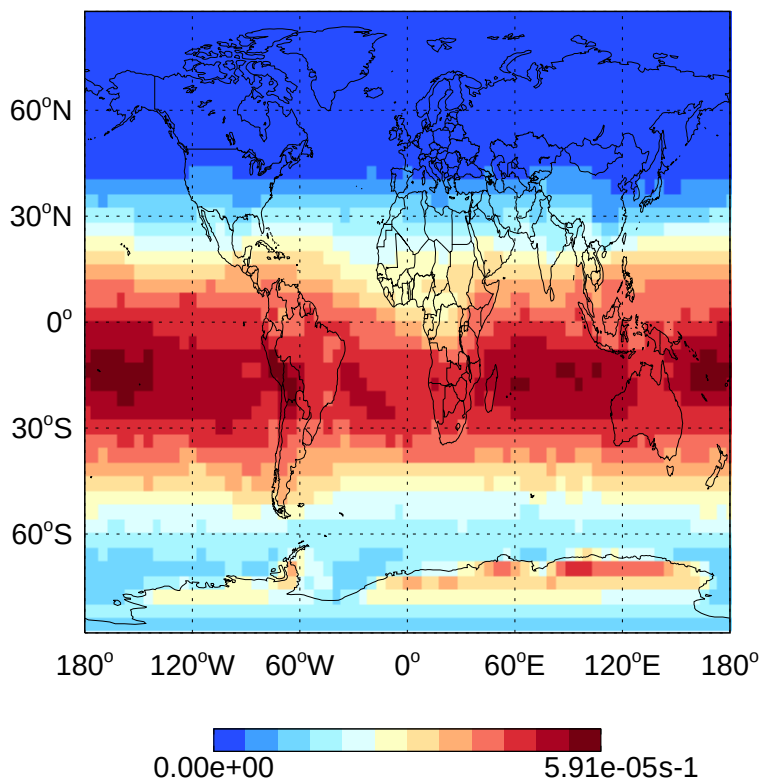
JO3\_O1D - J-Value @ 500 hPa for Jan



# GEOS-Chem J-Values at surface and 500 hPa

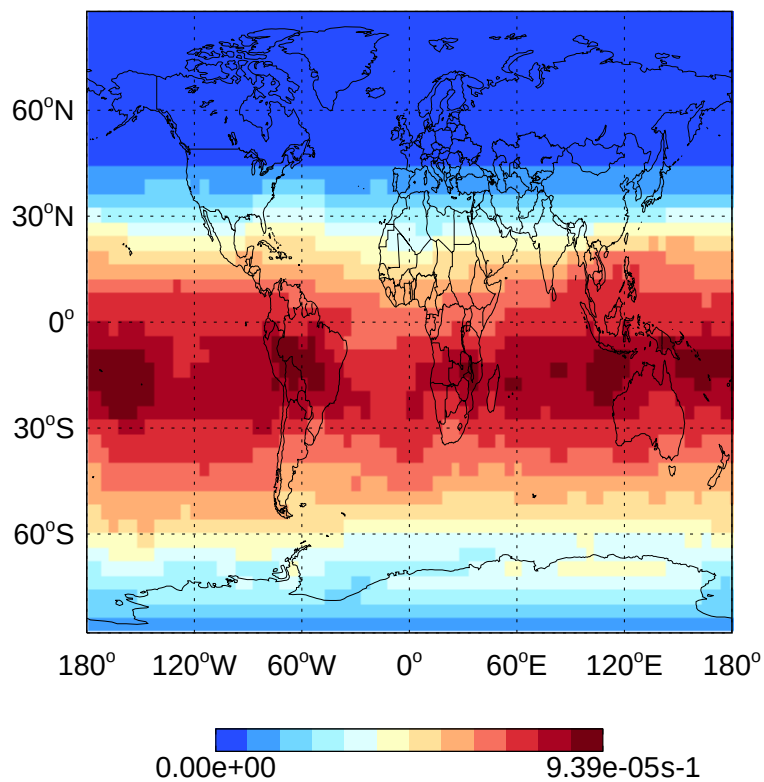
v11-02e-Run0

JO3\_O1D - J-Value @ surface for Jan



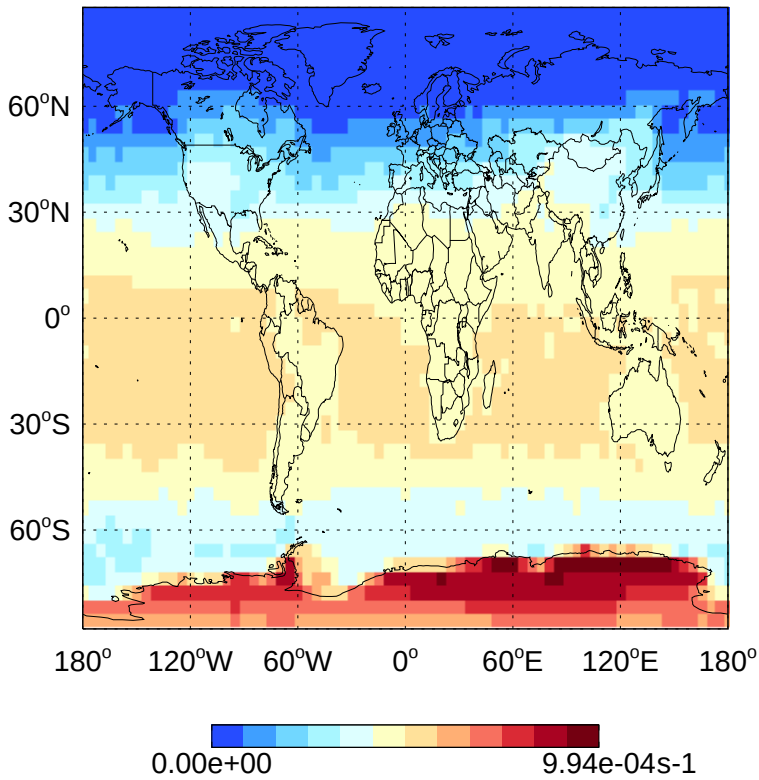
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JO3\_O1D - J-Value @ 500 hPa for Jan



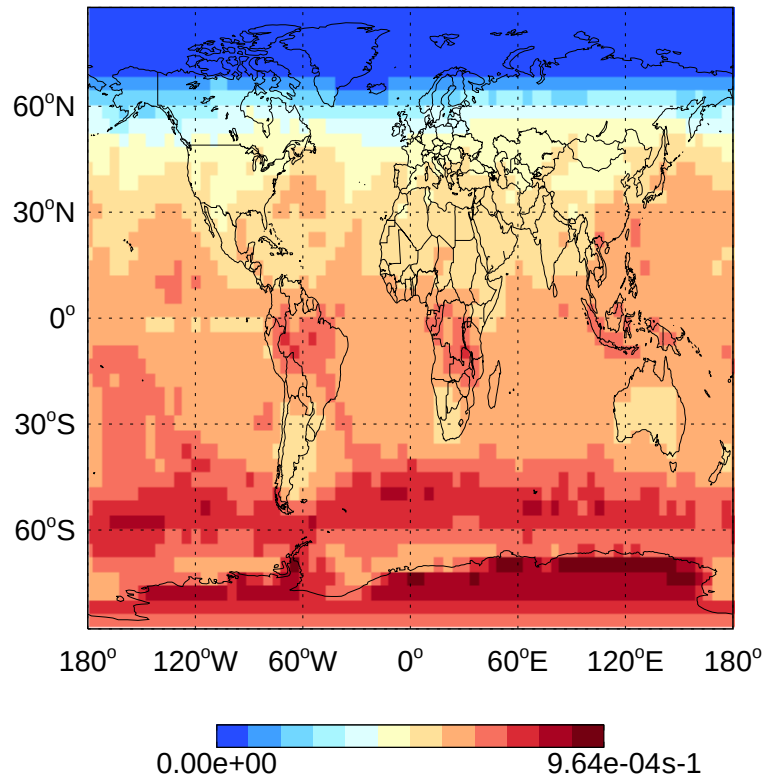
v11-02c-Run0

JO3\_O3P - J-Value @ surface for Jan



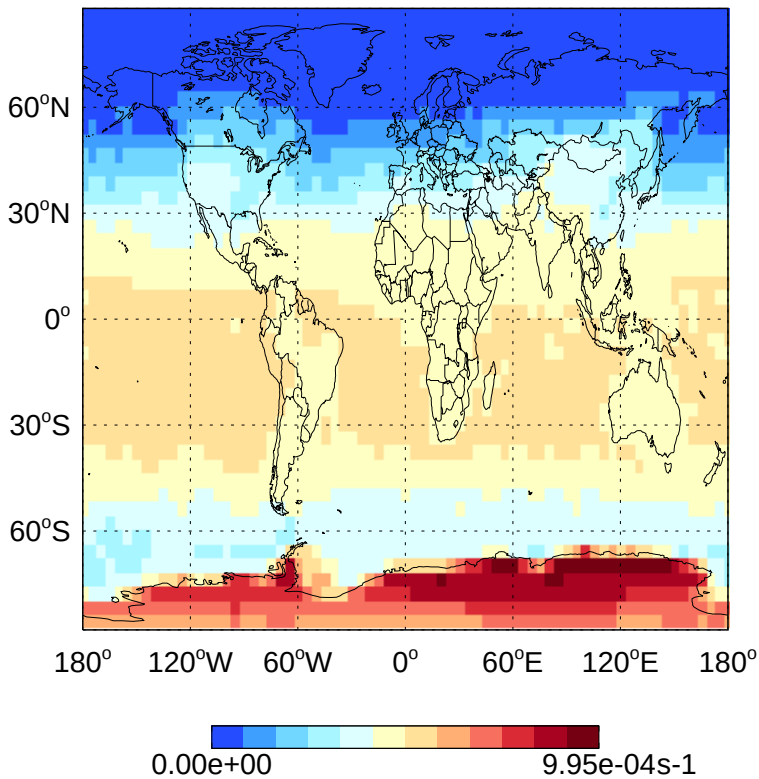
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JO3\_O3P - J-Value @ 500 hPa for Jan



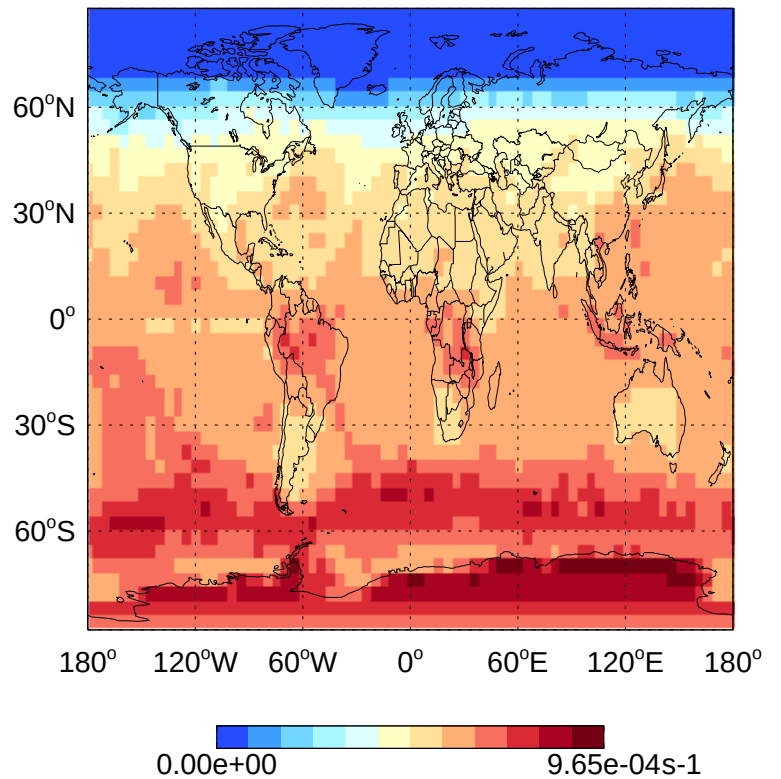
v11-02d-Run1

JO3\_O3P - J-Value @ surface for Jan



v11-02d-Run1

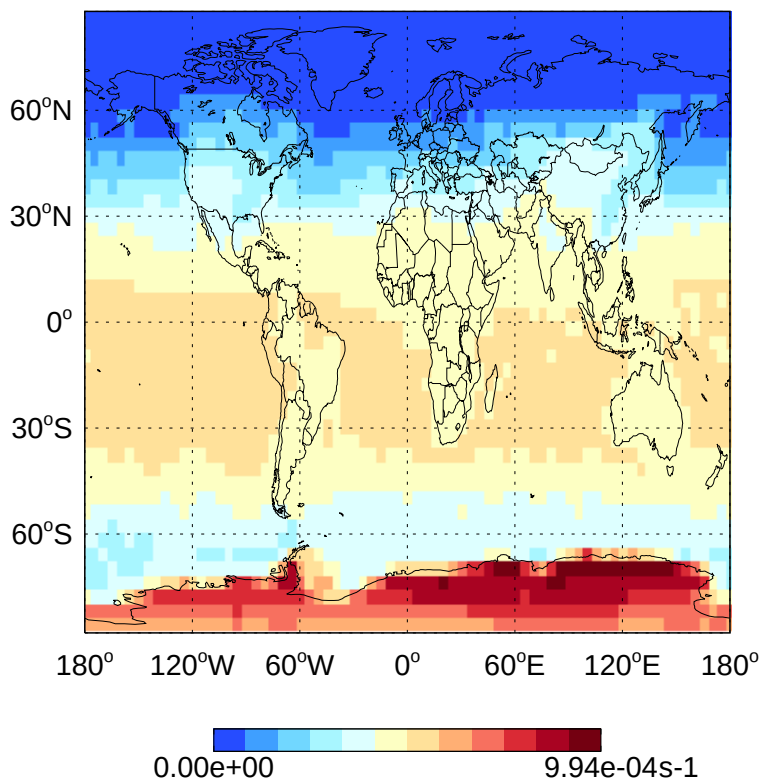
JO3\_O3P - J-Value @ 500 hPa for Jan



# GEOS-Chem J-Values at surface and 500 hPa

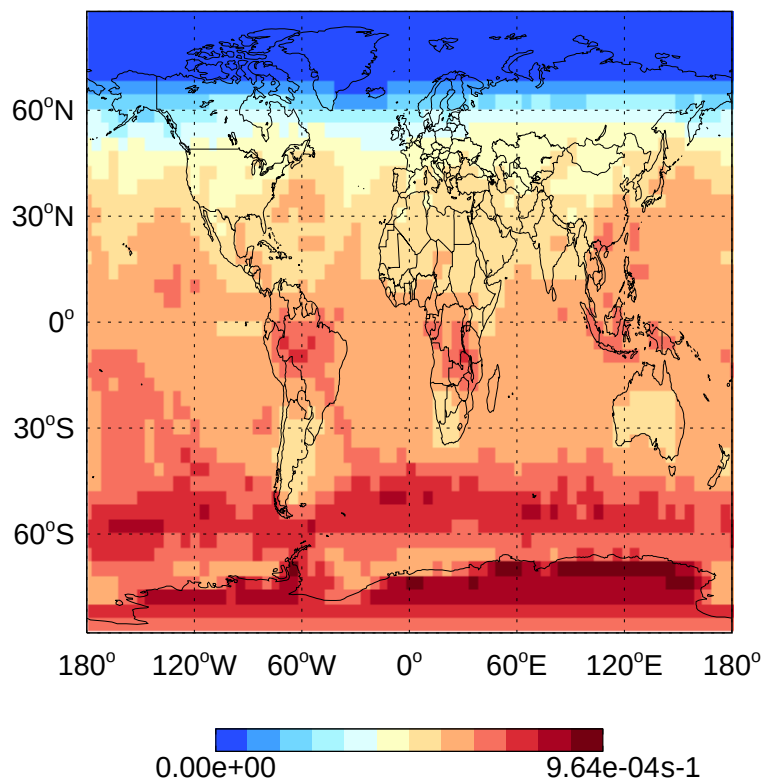
v11-02e-Run0

JO3\_O3P - J-Value @ surface for Jan



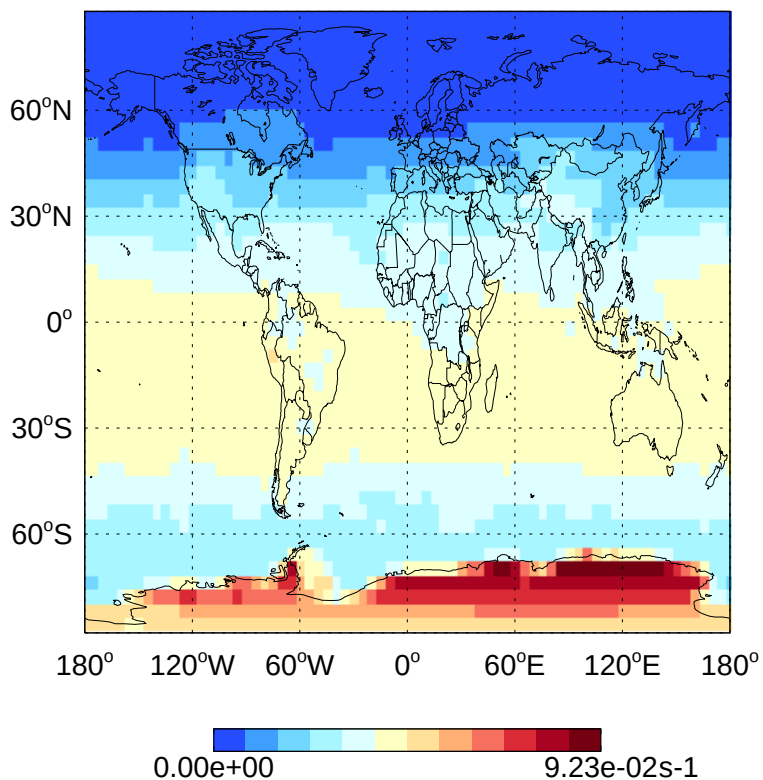
v11-02e-Run0

JO3\_O3P - J-Value @ 500 hPa for Jan



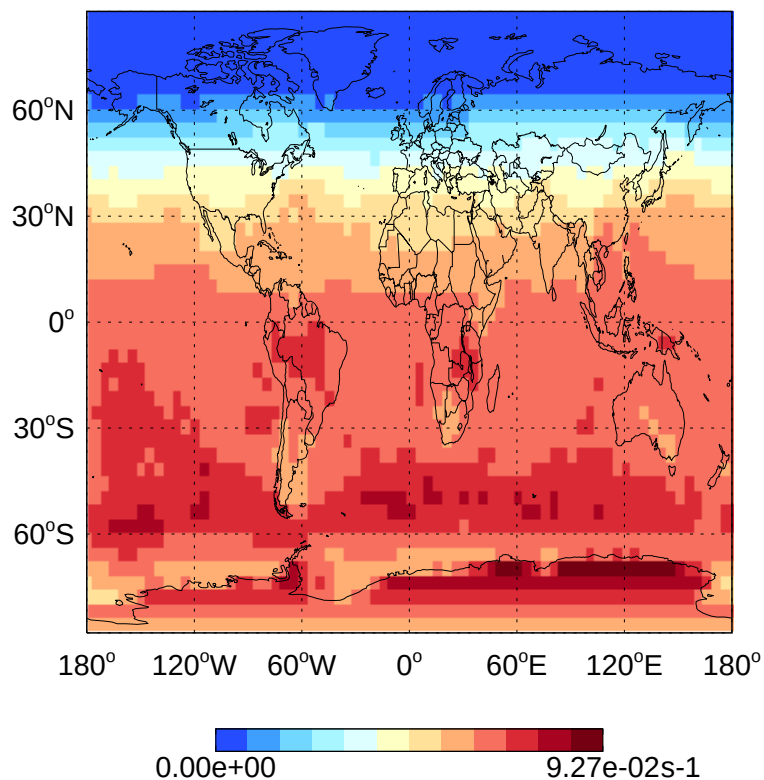
v11-02c-Run0

JBrO - J-Value @ surface for Jan



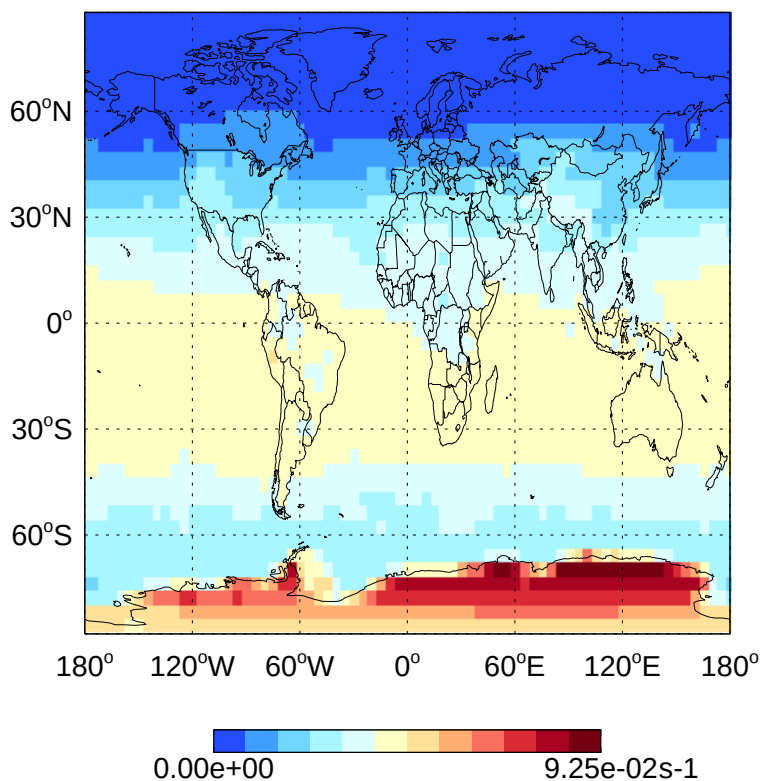
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JBrO - J-Value @ 500 hPa for Jan



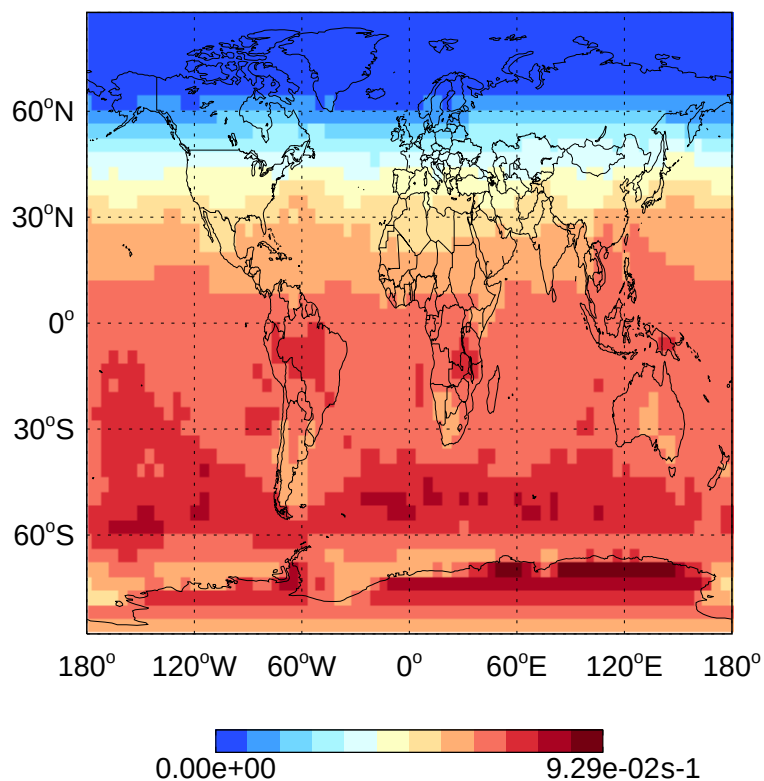
v11-02d-Run1

JBrO - J-Value @ surface for Jan



v11-02d-Run1

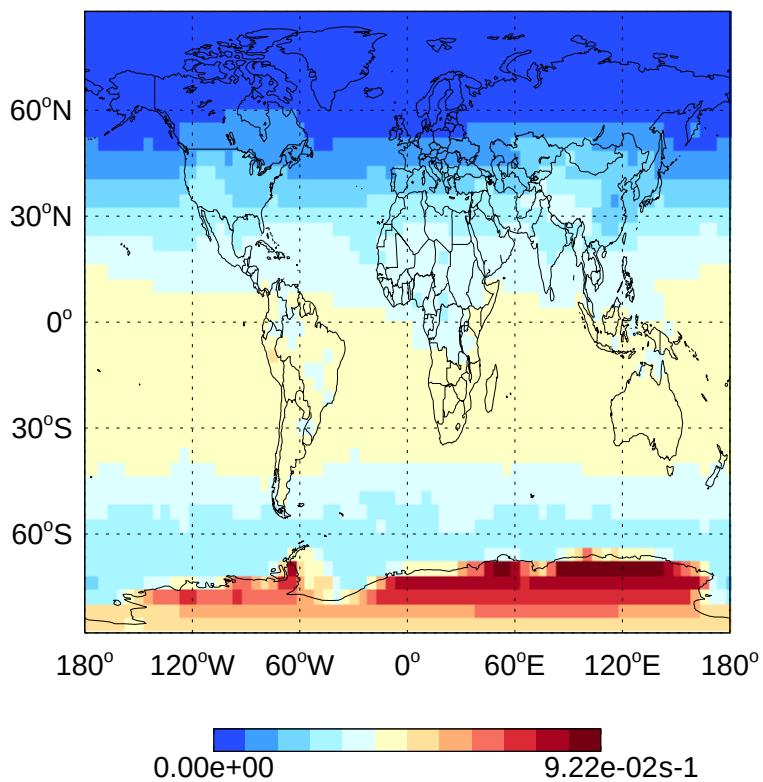
JBrO - J-Value @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

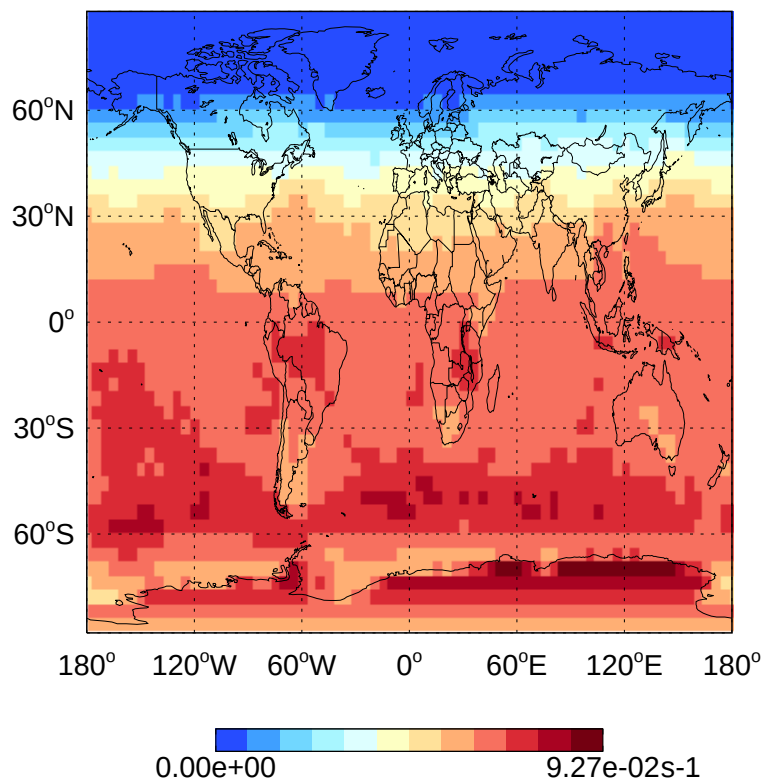
v11-02e-Run0

JBrO - J-Value @ surface for Jan



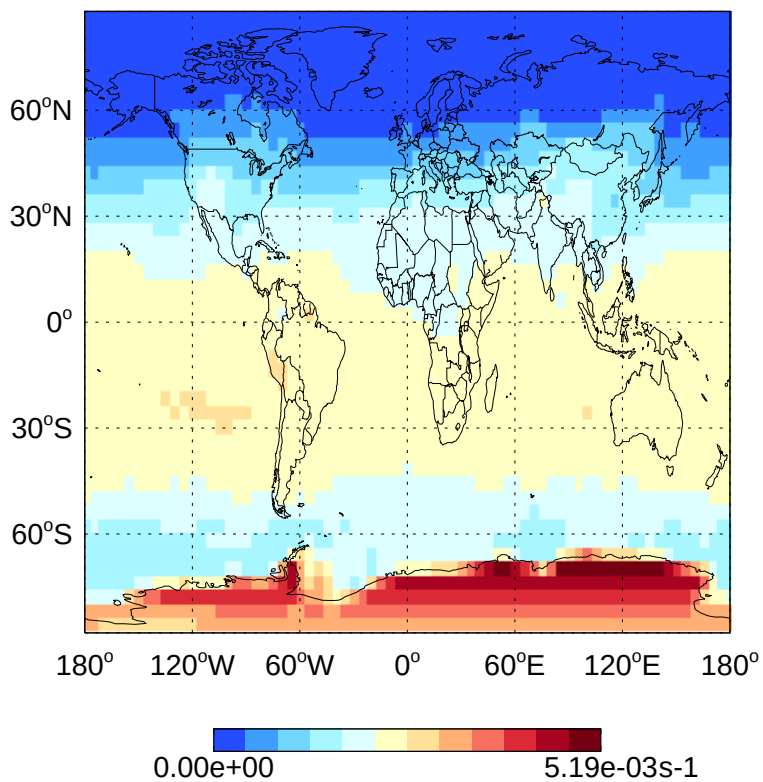
v11-02e-Run0

JBrO - J-Value @ 500 hPa for Jan



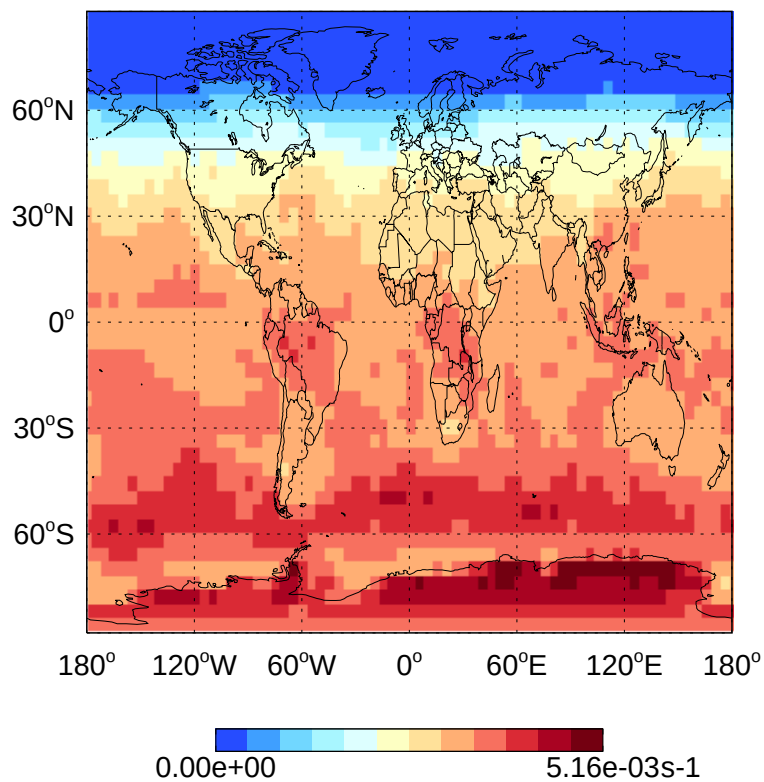
v11-02c-Run0

JHOB<sub>r</sub> - J-Value @ surface for Jan



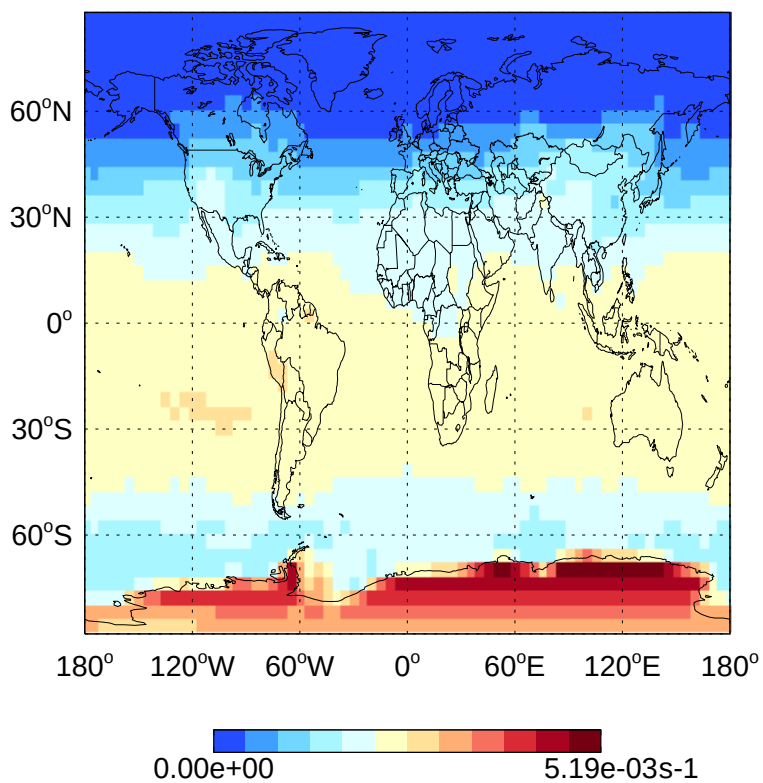
v11-02c-Run0

JHOB<sub>r</sub> - J-Value @ 500 hPa for Jan



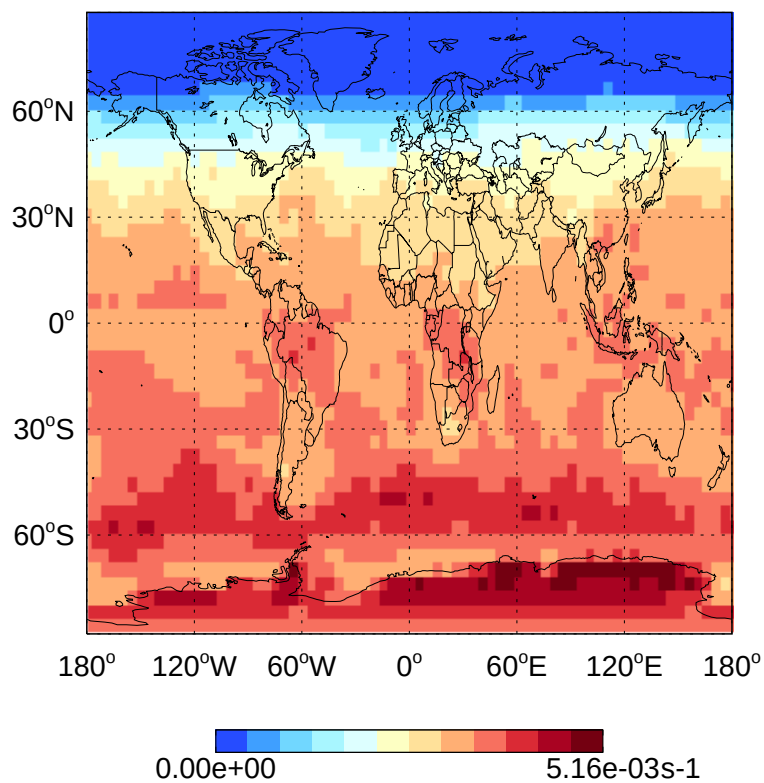
v11-02d-Run1

JHOB<sub>r</sub> - J-Value @ surface for Jan



v11-02d-Run1

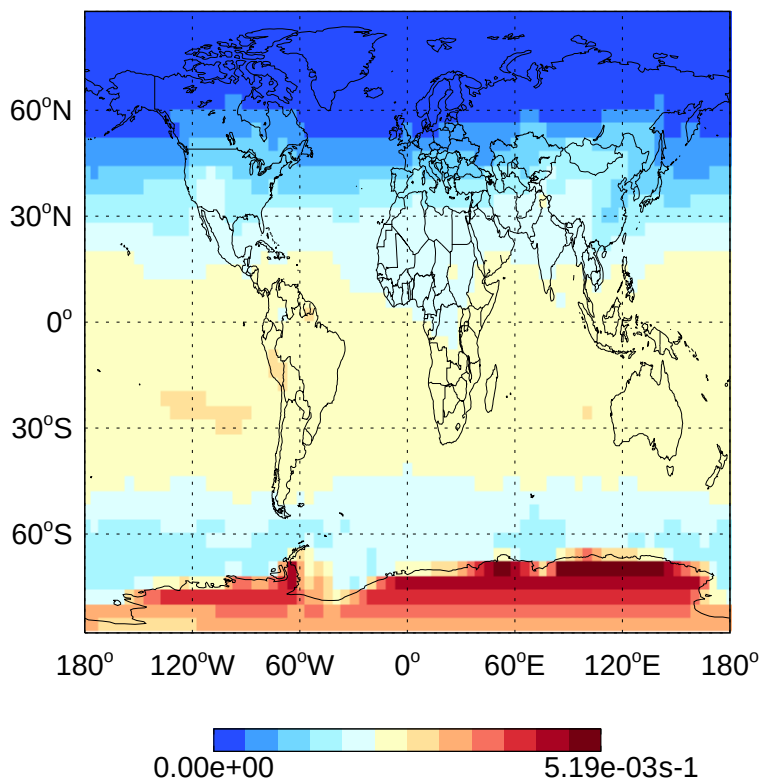
JHOB<sub>r</sub> - J-Value @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

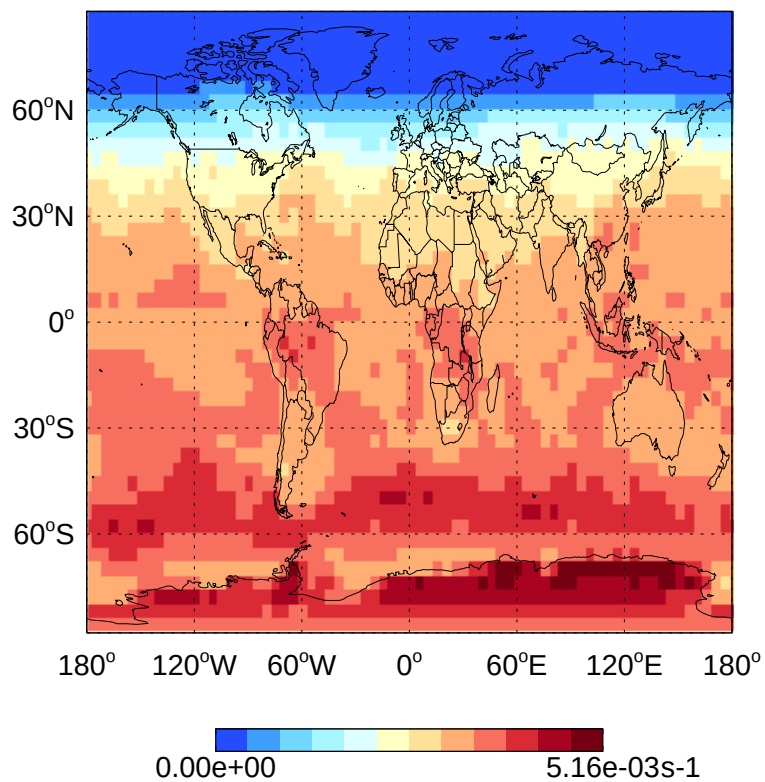
v11-02e-Run0

JHOBr - J-Value @ surface for Jan



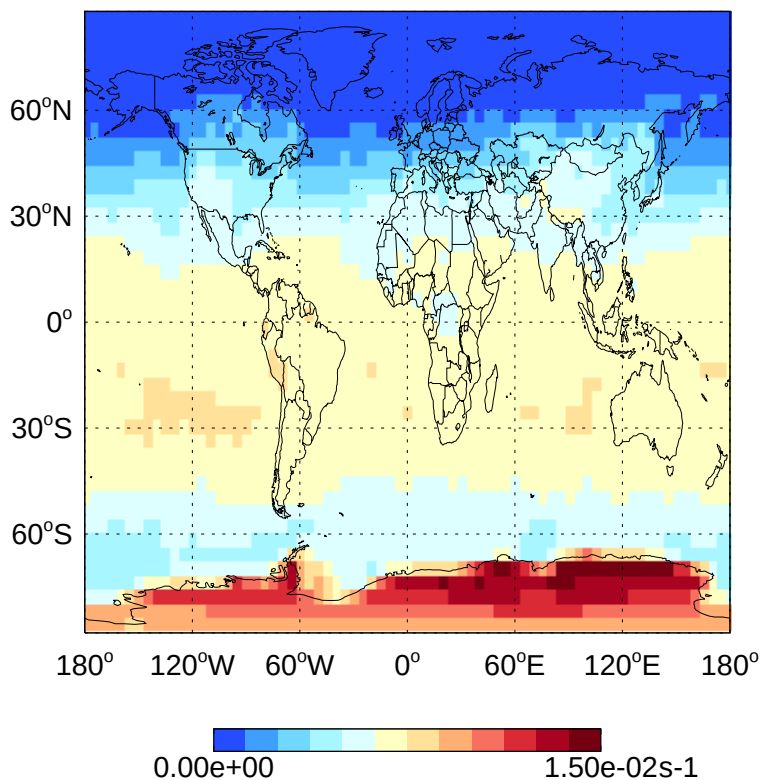
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JHOBr - J-Value @ 500 hPa for Jan



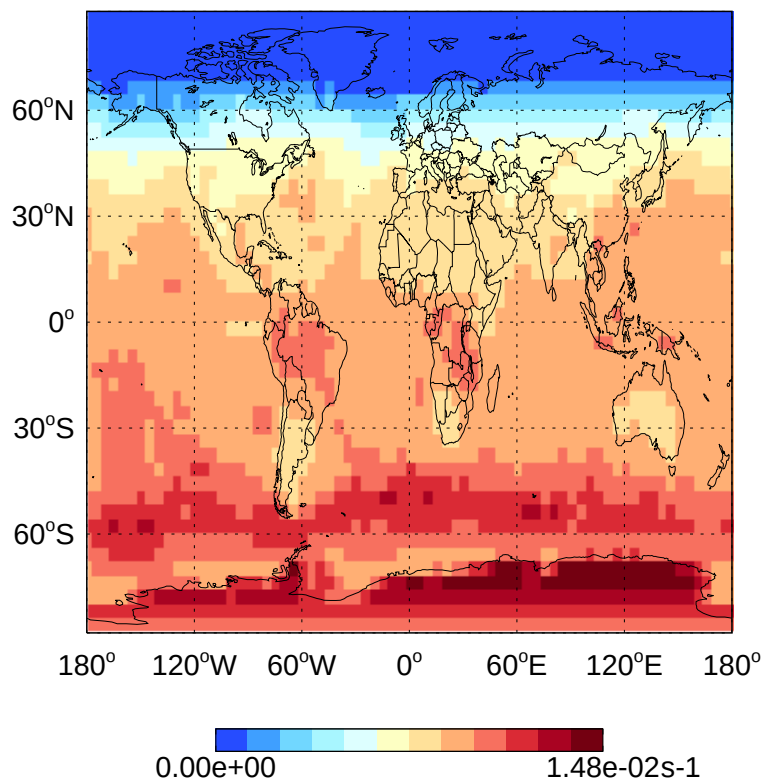
v11-02c-Run0

JBrNO<sub>2</sub> - J-Value @ surface for Jan



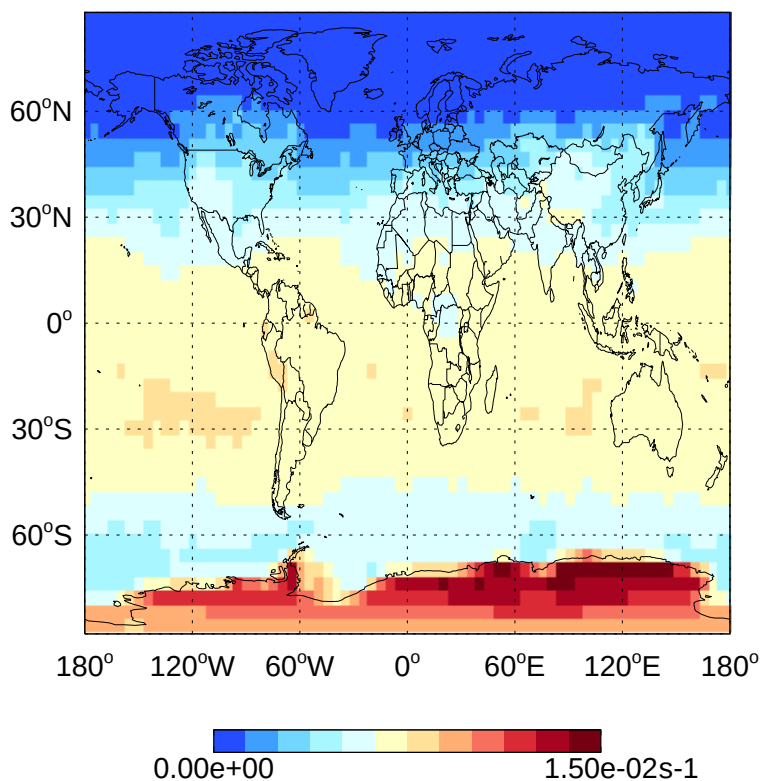
v11-02c-Run0

JBrNO<sub>2</sub> - J-Value @ 500 hPa for Jan



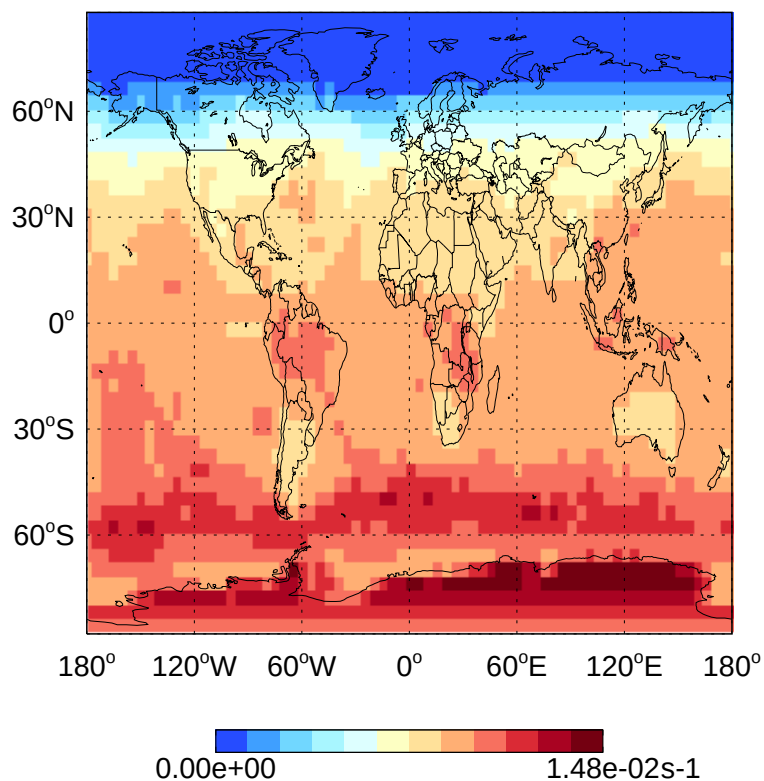
v11-02d-Run1

JBrNO<sub>2</sub> - J-Value @ surface for Jan



v11-02d-Run1

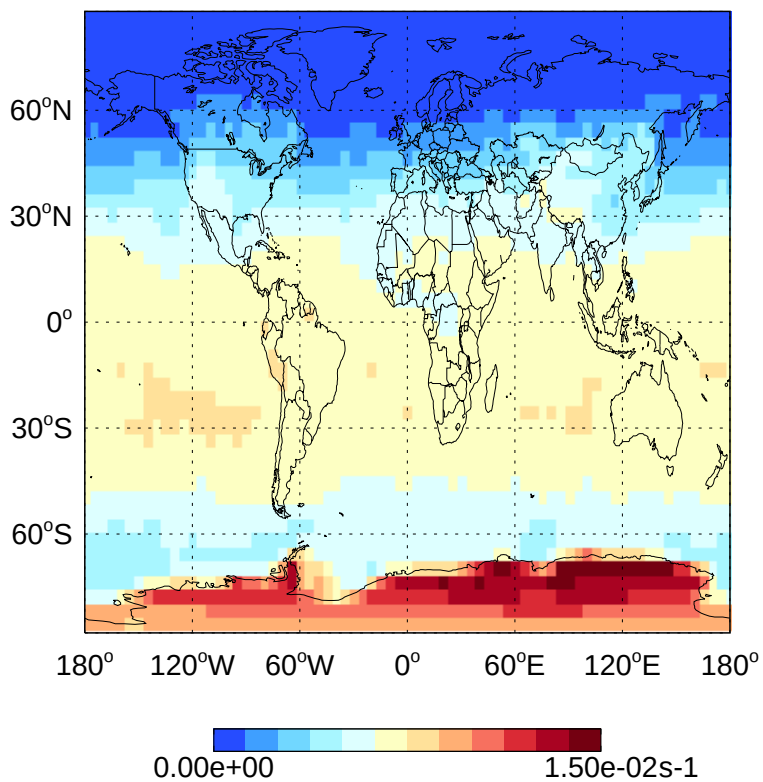
JBrNO<sub>2</sub> - J-Value @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

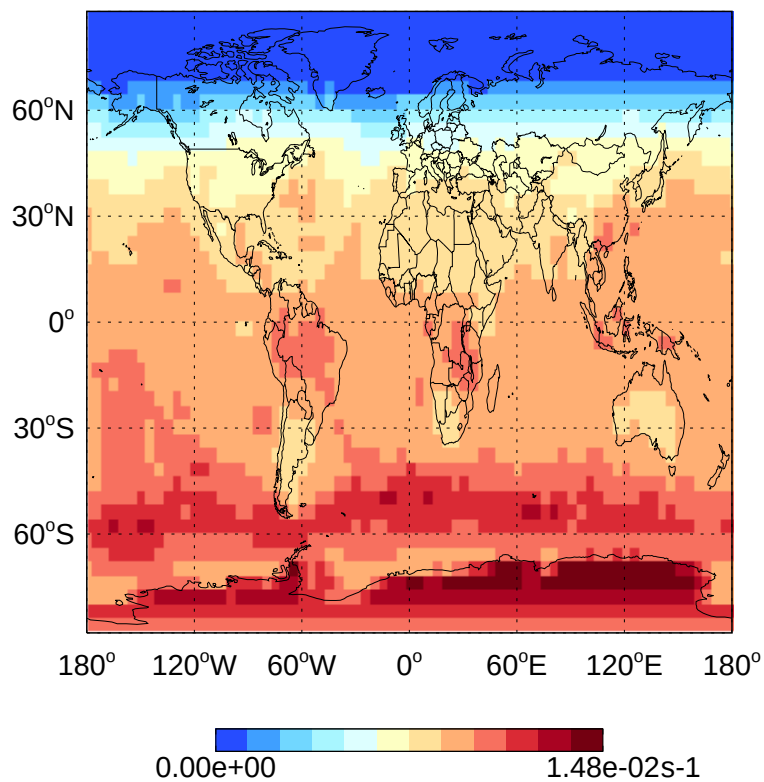
v11-02e-Run0

JBrNO2 - J-Value @ surface for Jan



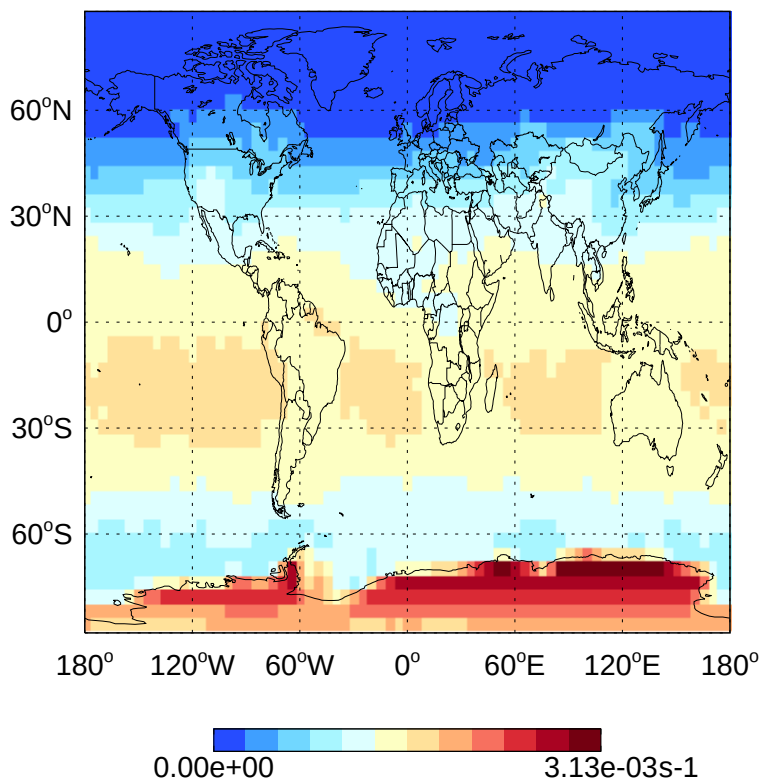
v11-02e-Run0

JBrNO2 - J-Value @ 500 hPa for Jan



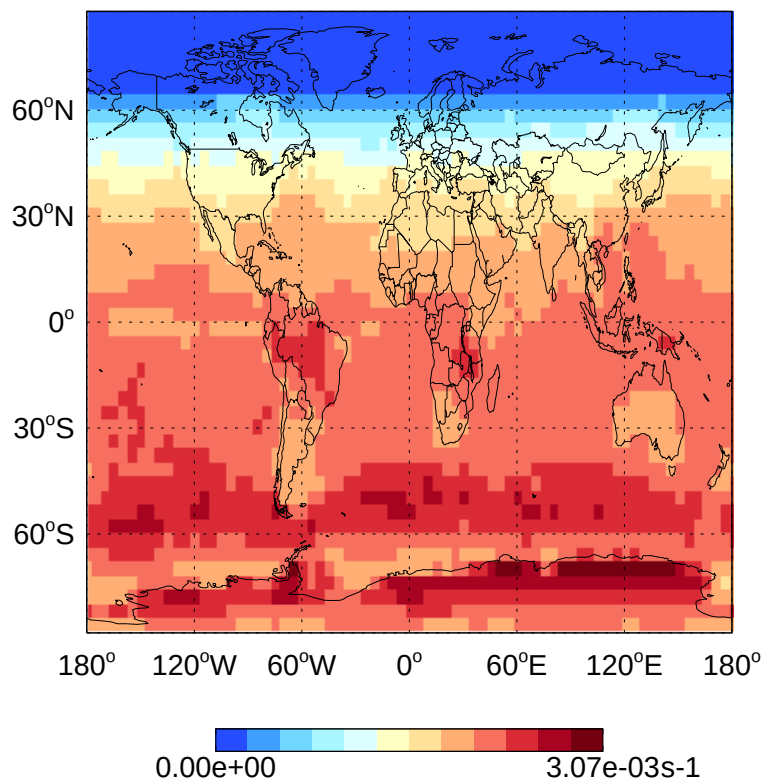
v11-02c-Run0

JBrNO3 - J-Value @ surface for Jan



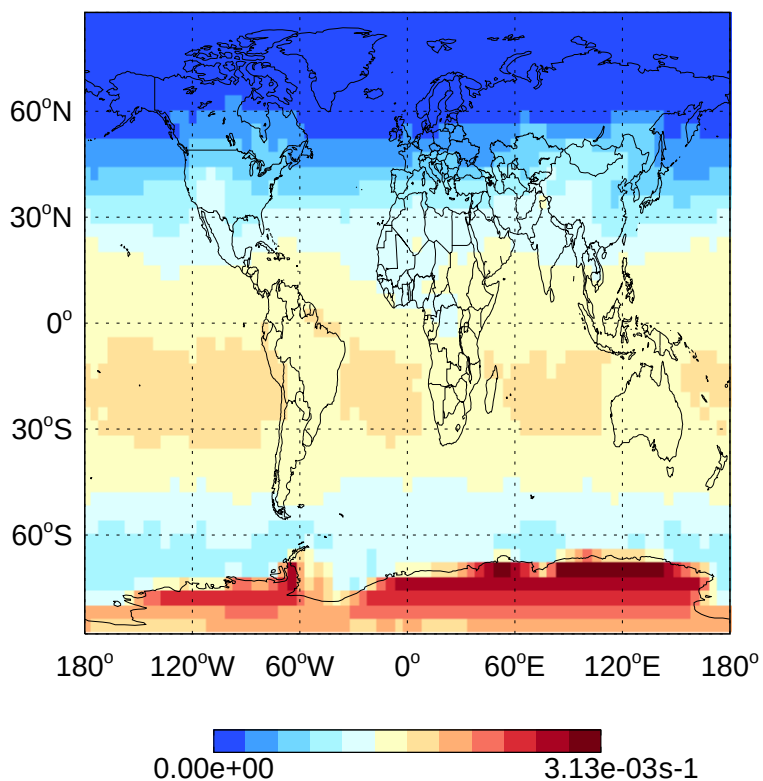
v11-02c-Run0

JBrNO3 - J-Value @ 500 hPa for Jan



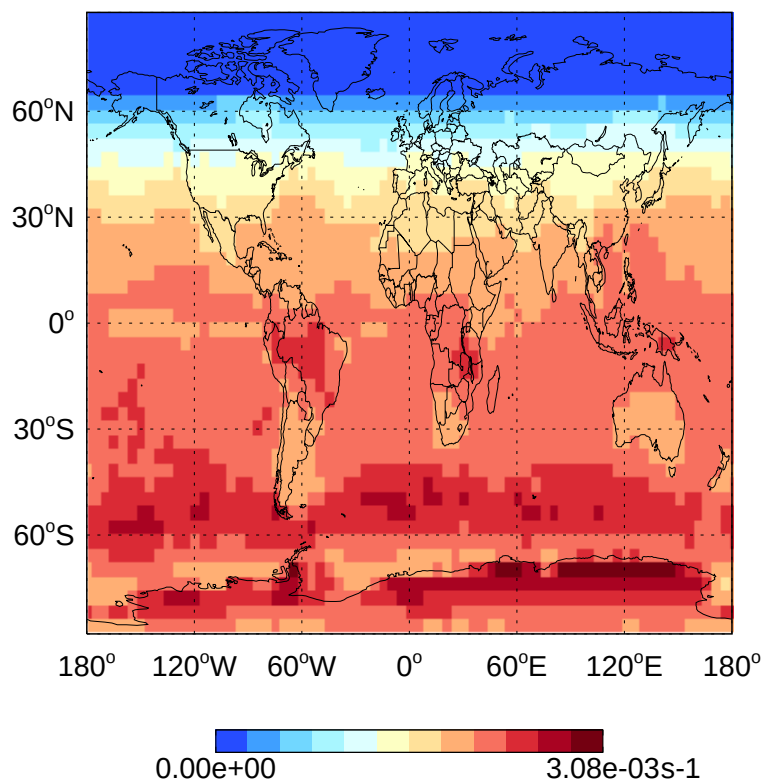
v11-02d-Run1

JBrNO3 - J-Value @ surface for Jan



v11-02d-Run1

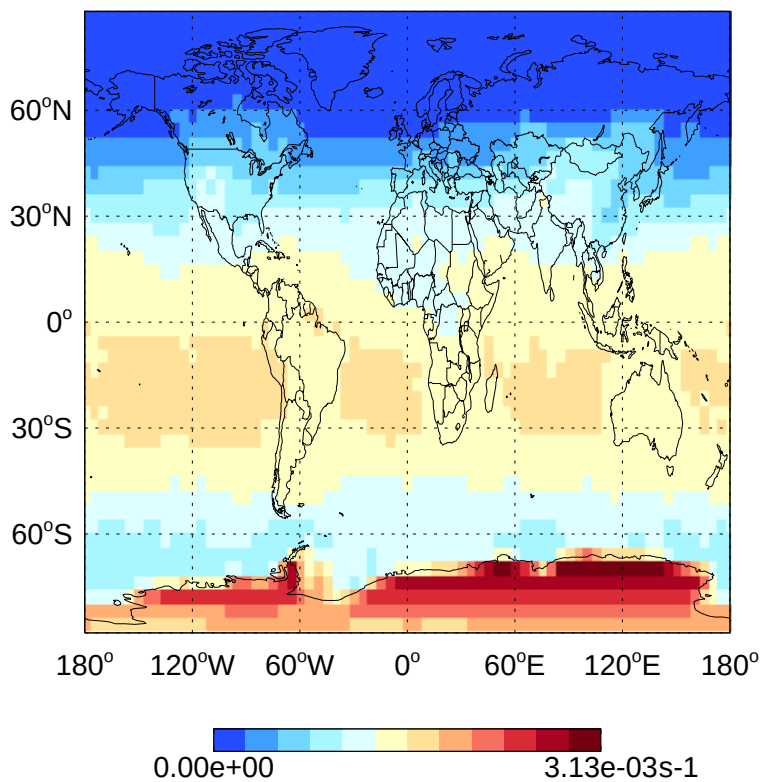
JBrNO3 - J-Value @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

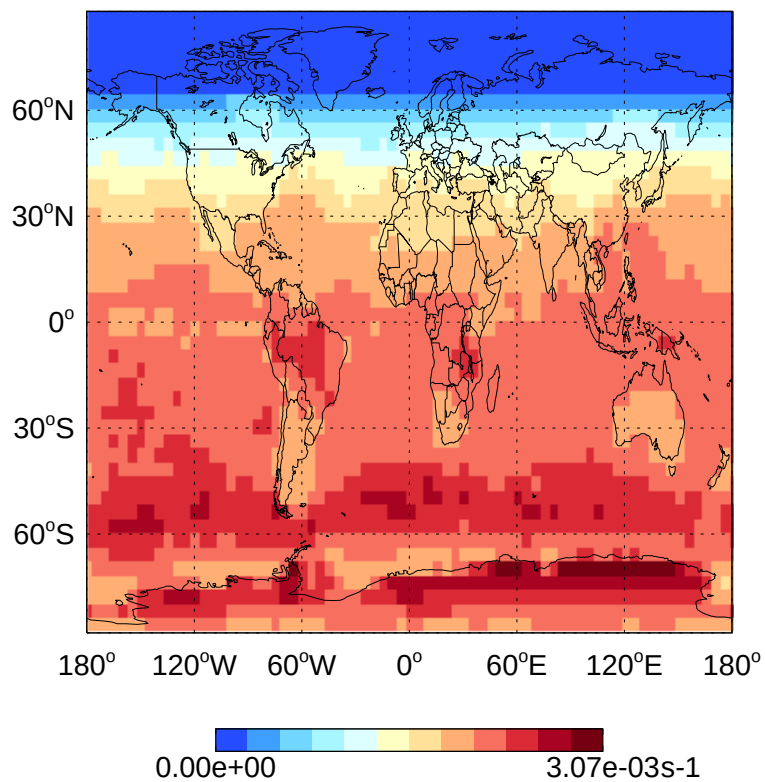
v11-02e-Run0

JBrNO3 - J-Value @ surface for Jan



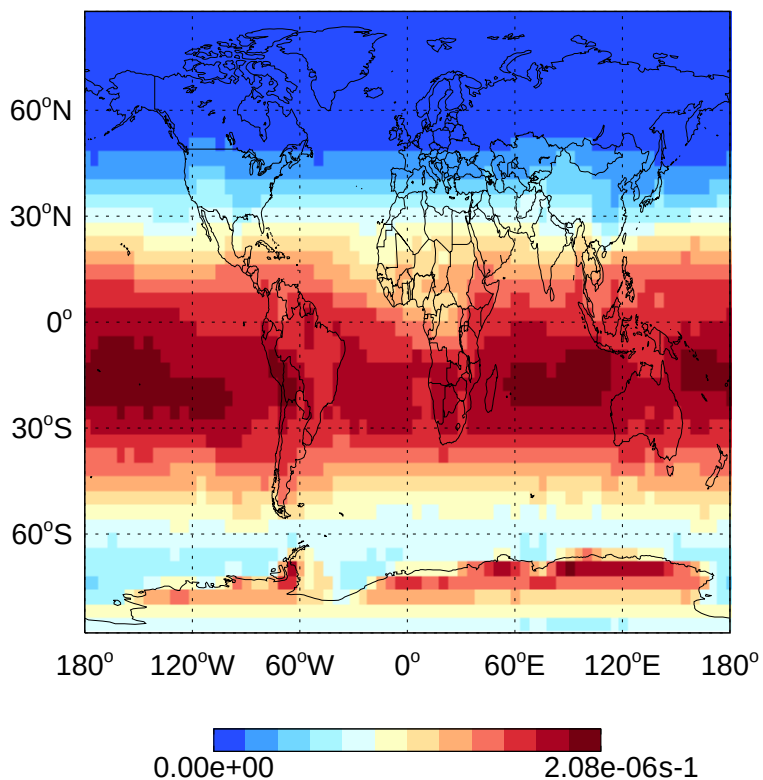
v11-02e-Run0

JBrNO3 - J-Value @ 500 hPa for Jan



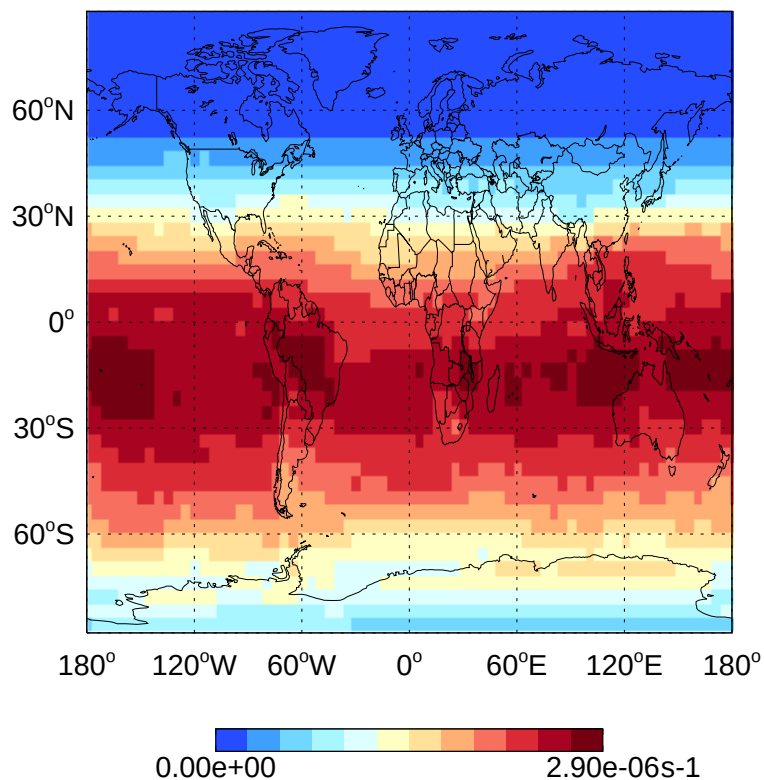
v11-02c-Run0

JCHBr3 - J-Value @ surface for Jan



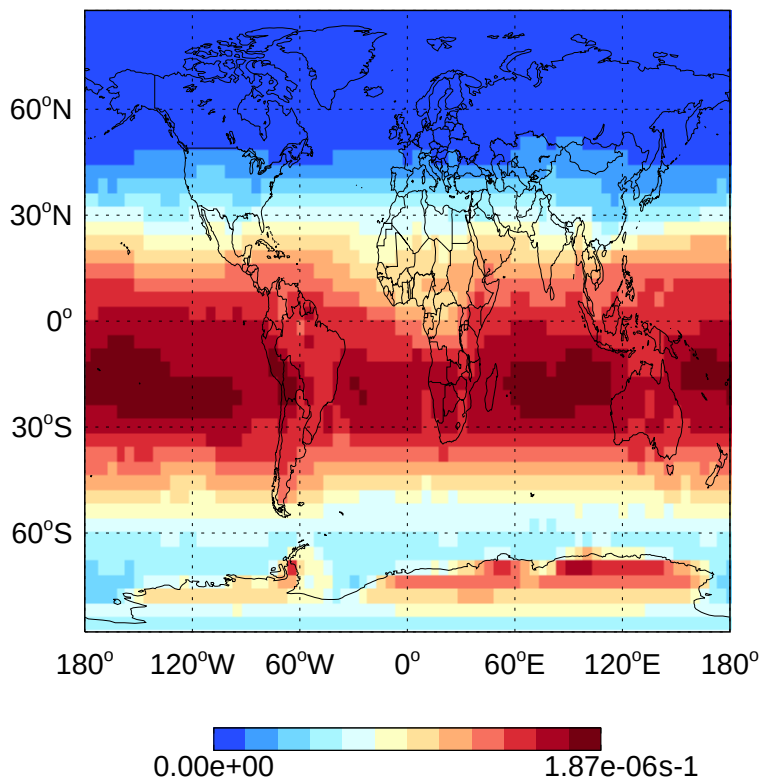
v11-02c-Run0

JCHBr3 - J-Value @ 500 hPa for Jan



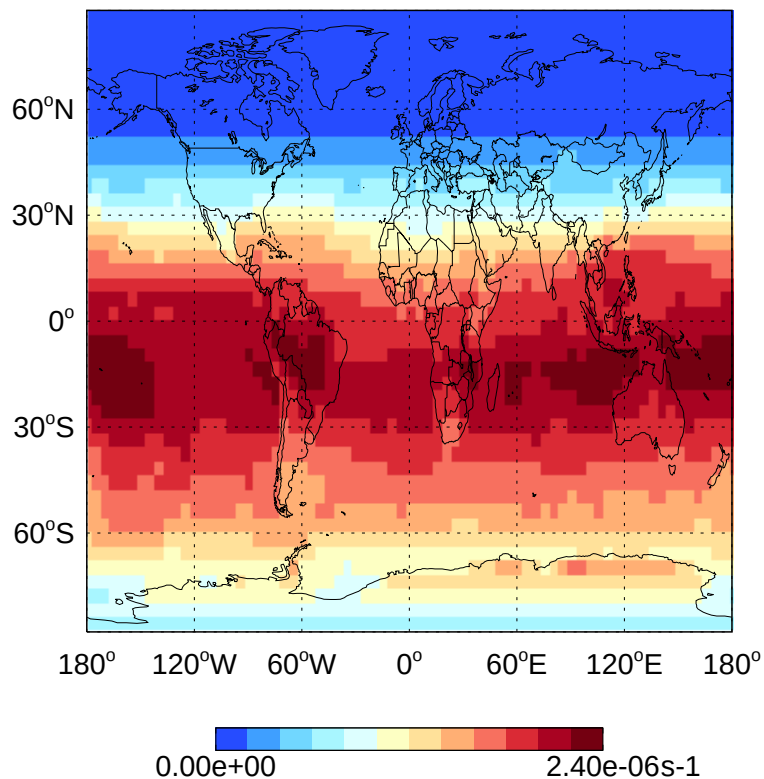
v11-02d-Run1

JCHBr3 - J-Value @ surface for Jan



v11-02d-Run1

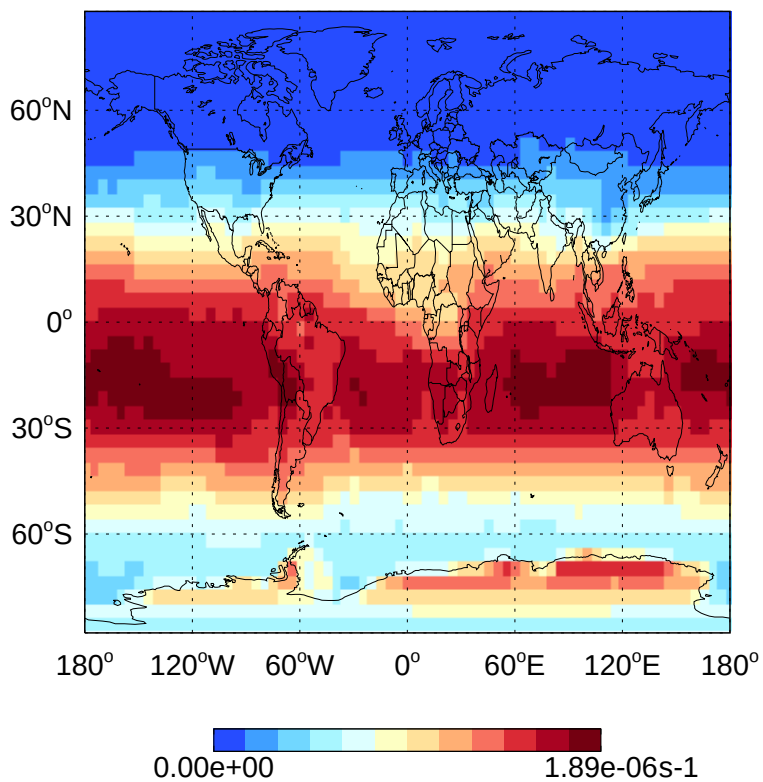
JCHBr3 - J-Value @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

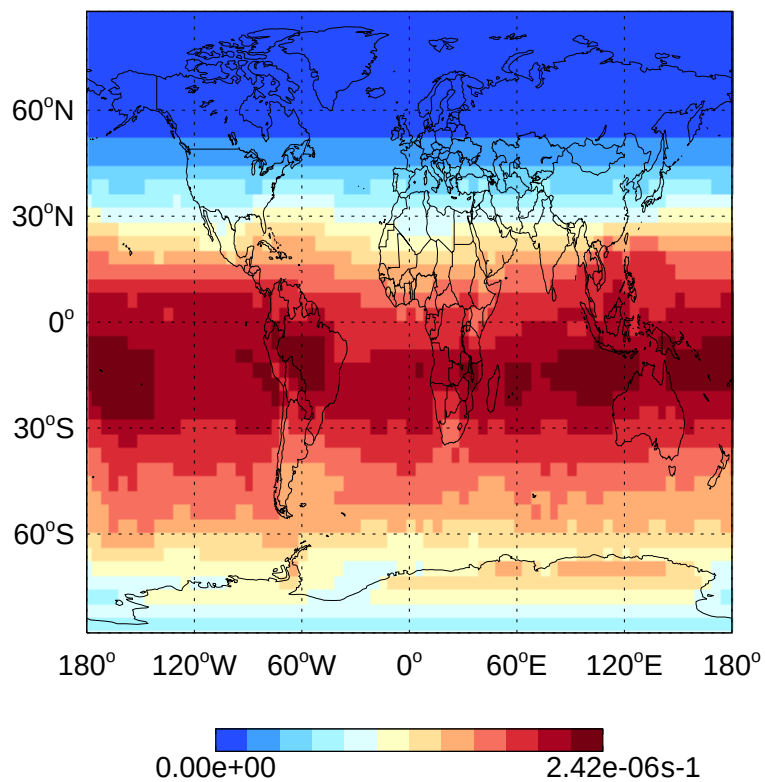
v11-02e-Run0

JCHBr3 - J-Value @ surface for Jan



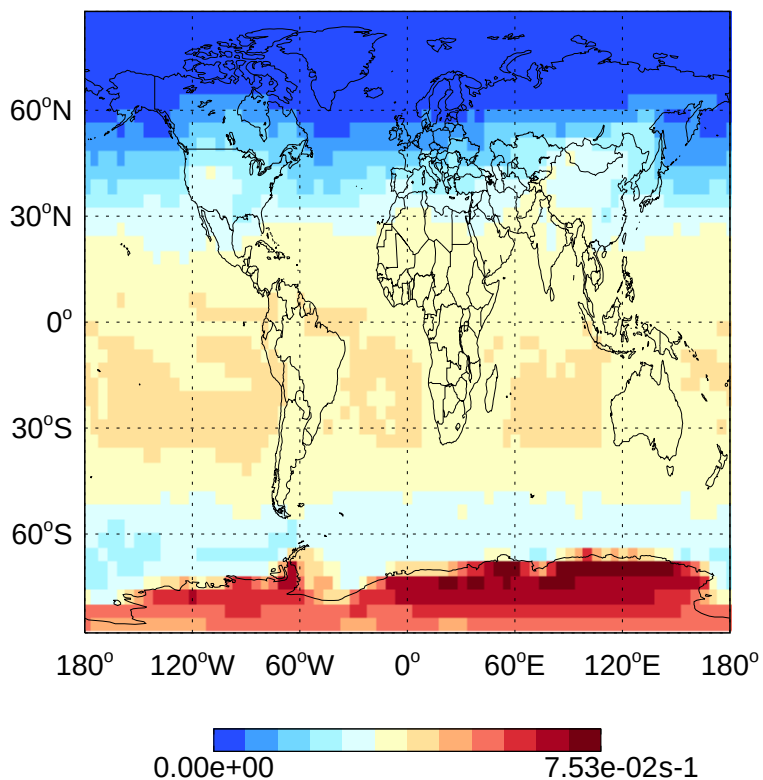
v11-02e-Run0

JCHBr3 - J-Value @ 500 hPa for Jan



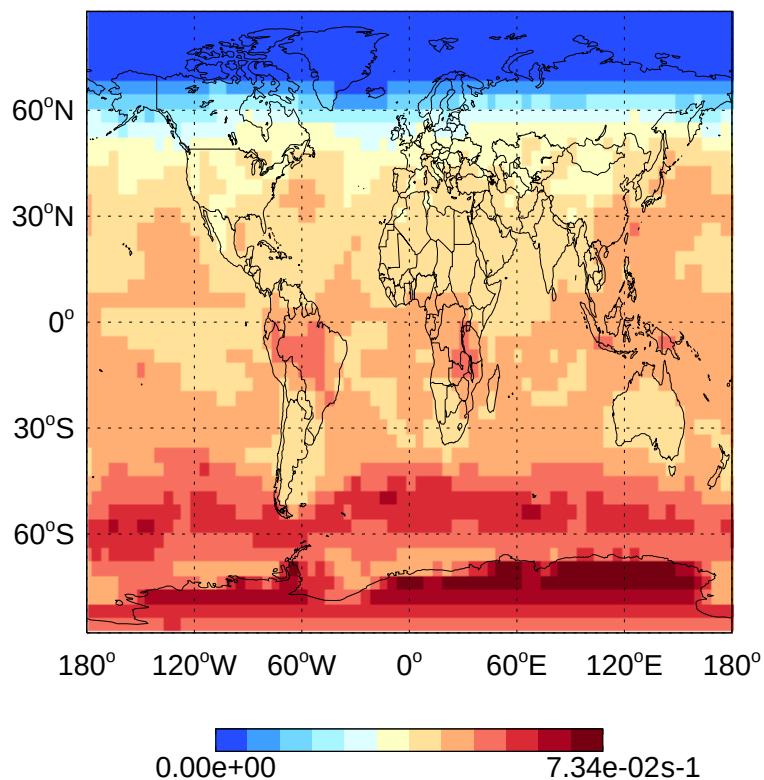
v11-02c-Run0

JBr2 - J-Value @ surface for Jan



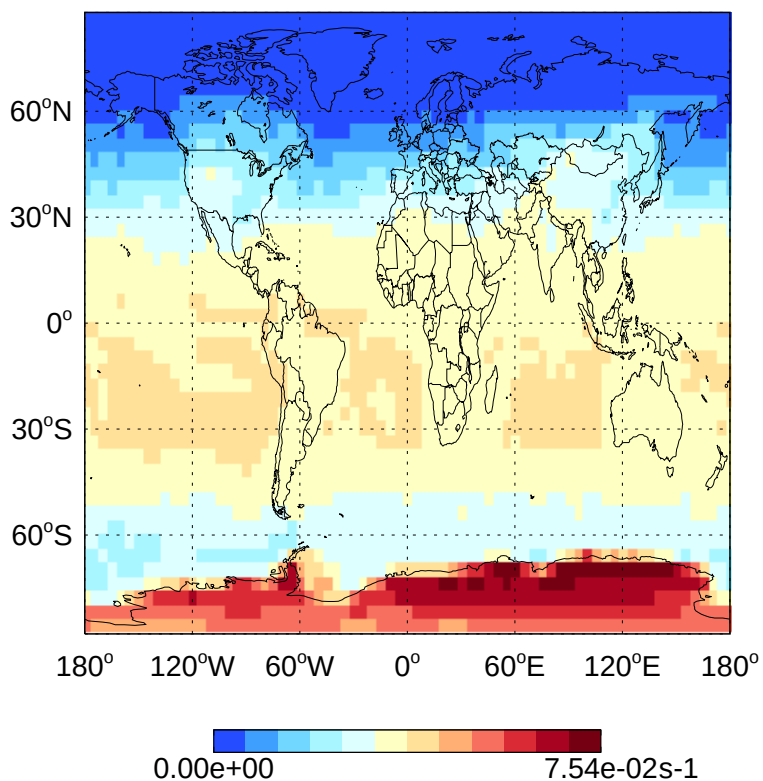
v11-02c-Run0

JBr2 - J-Value @ 500 hPa for Jan



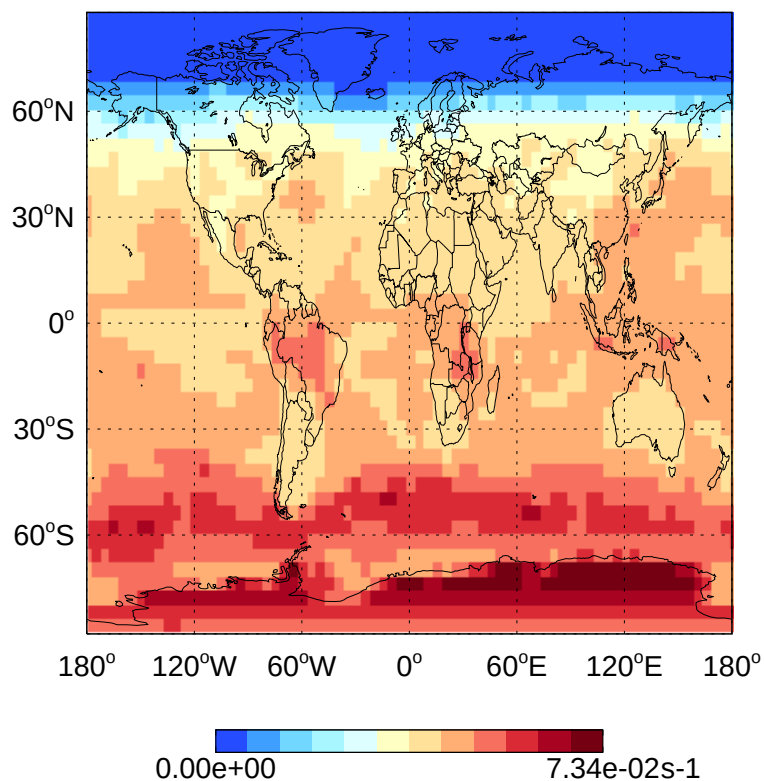
v11-02d-Run1

JBr2 - J-Value @ surface for Jan



v11-02d-Run1

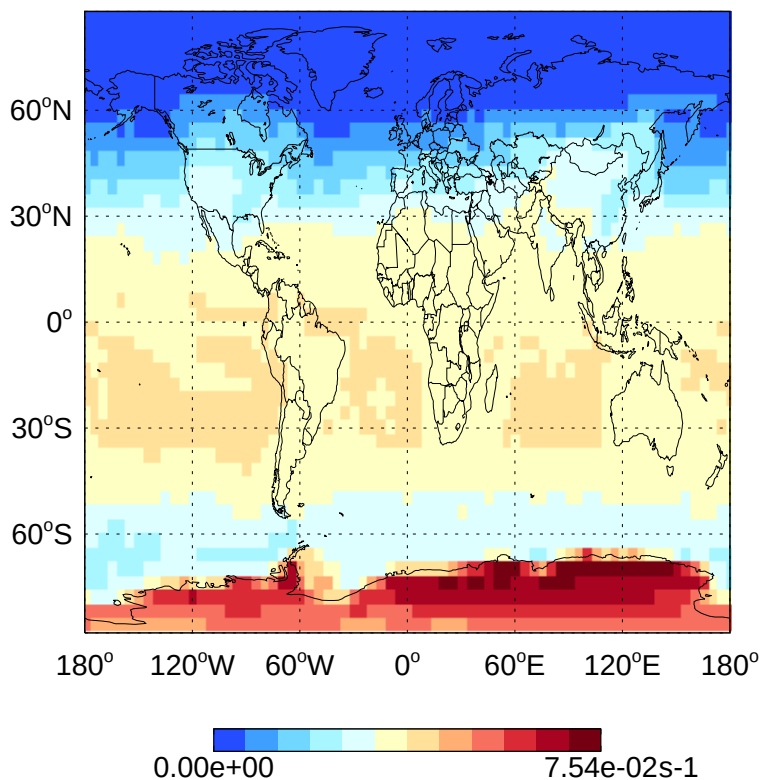
JBr2 - J-Value @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

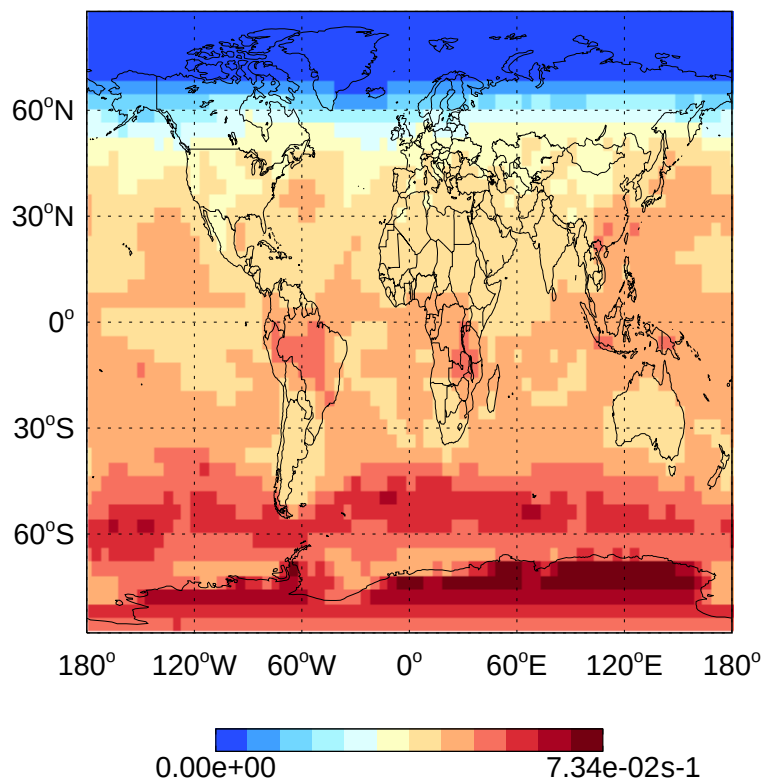
v11-02e-Run0

JBr2 - J-Value @ surface for Jan



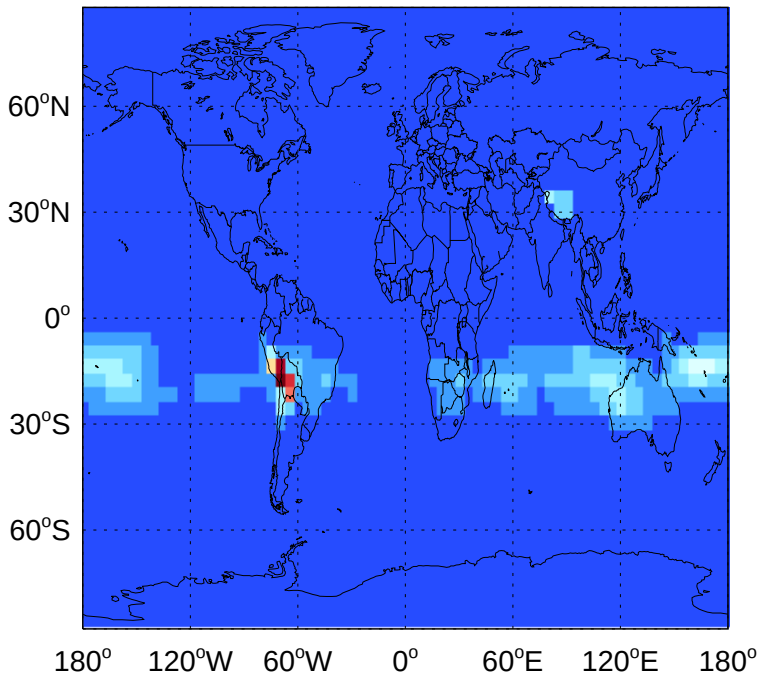
v11-02e-Run0

JBr2 - J-Value @ 500 hPa for Jan



v11-02c-Run0

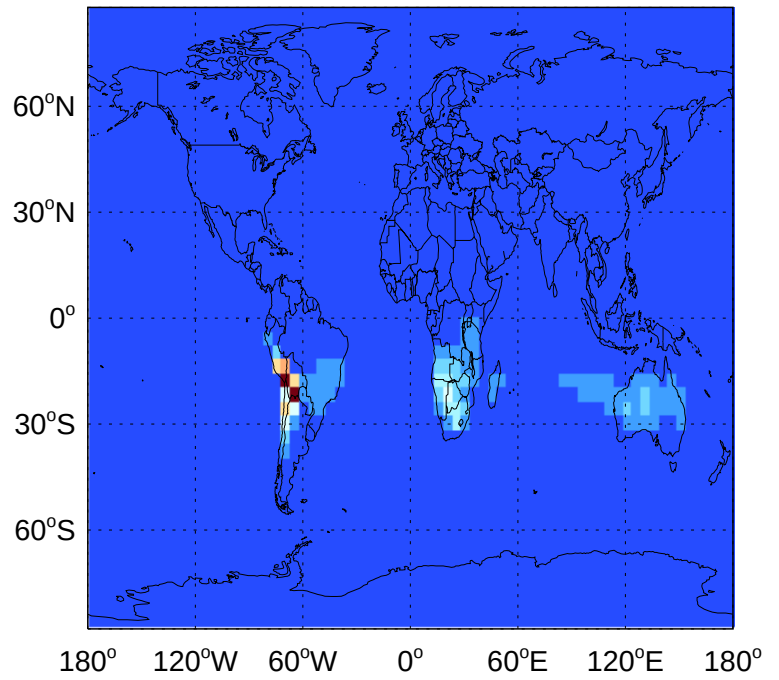
JO2 - J-Value @ surface for Jan



0.00e+00 1.59e-22s-1

v11-02c-Run0

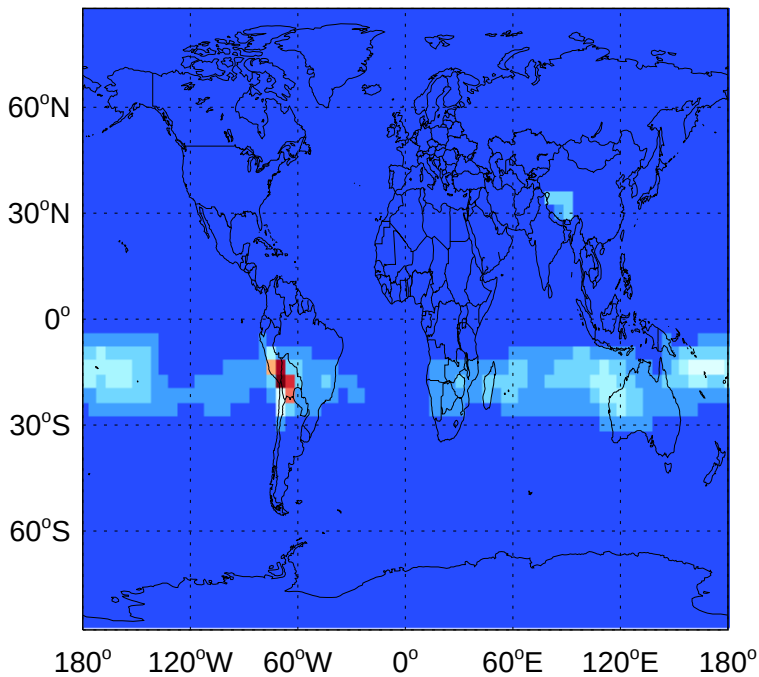
JO2 - J-Value @ 500 hPa for Jan



0.00e+00 8.14e-19s-1

v11-02d-Run1

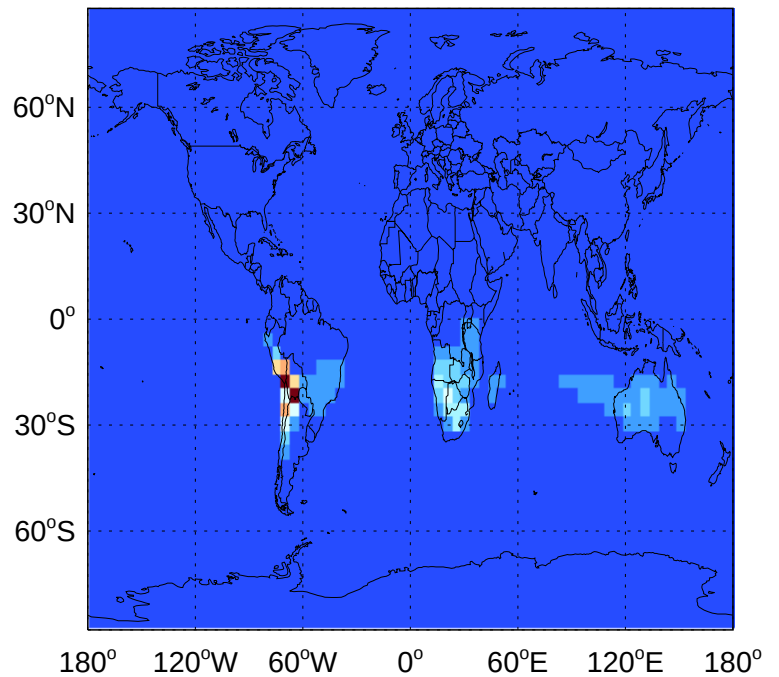
JO2 - J-Value @ surface for Jan



0.00e+00 1.95e-22s-1

v11-02d-Run1

JO2 - J-Value @ 500 hPa for Jan

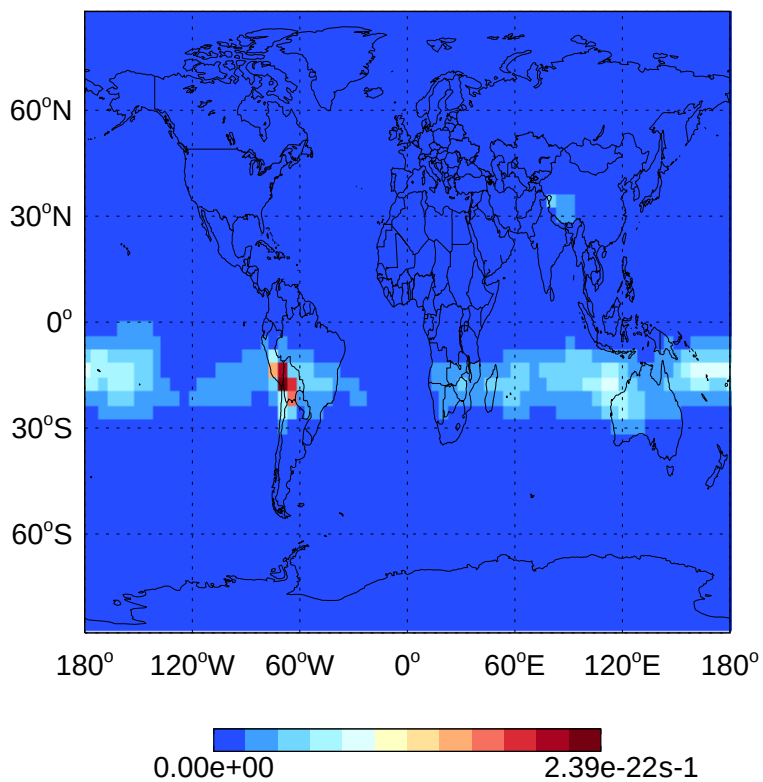


0.00e+00 8.44e-19s-1

GEOS-Chem J-Values at surface and 500 hPa

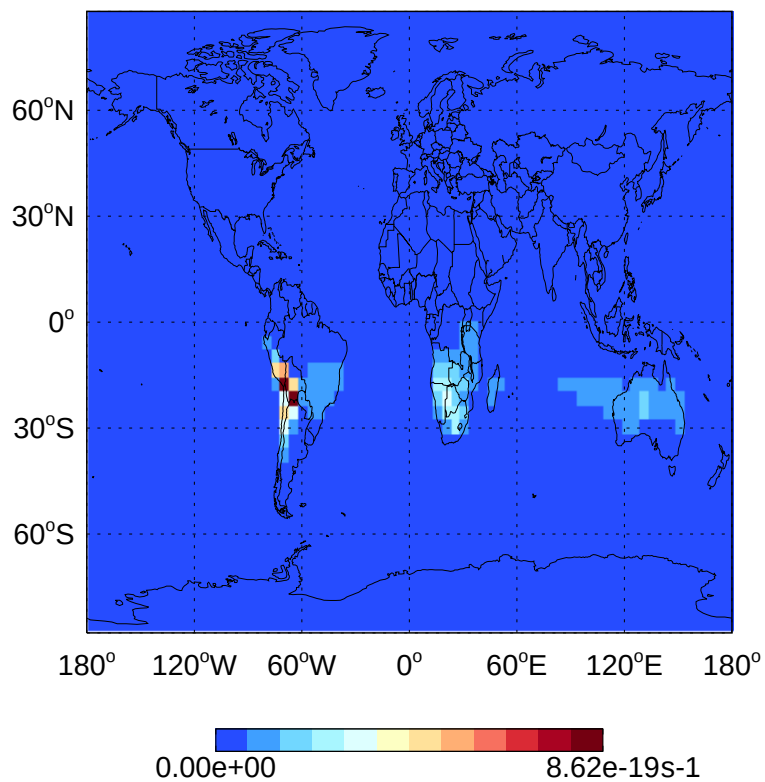
v11-02e-Run0

JO2 - J-Value @ surface for Jan



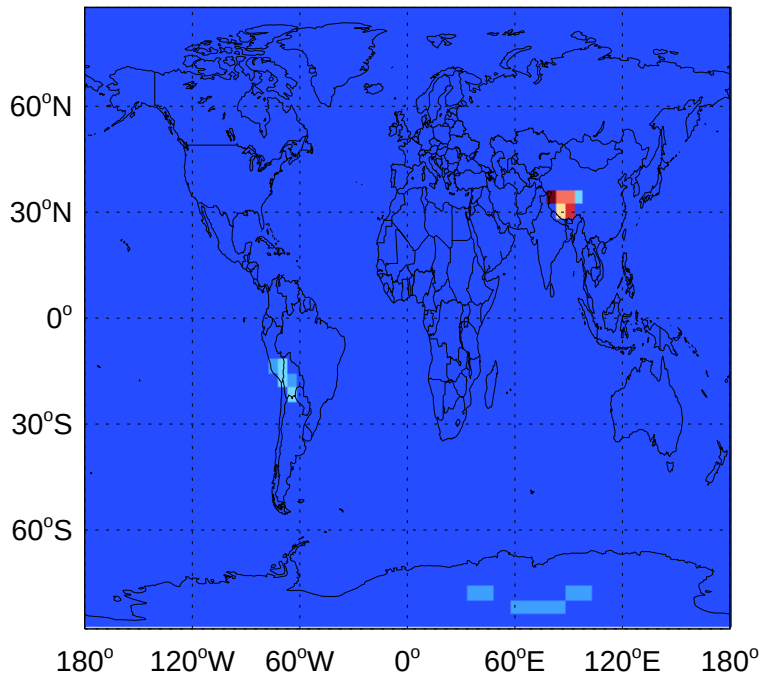
v11-02e-Run0

JO2 - J-Value @ 500 hPa for Jan



v11-02c-Run0

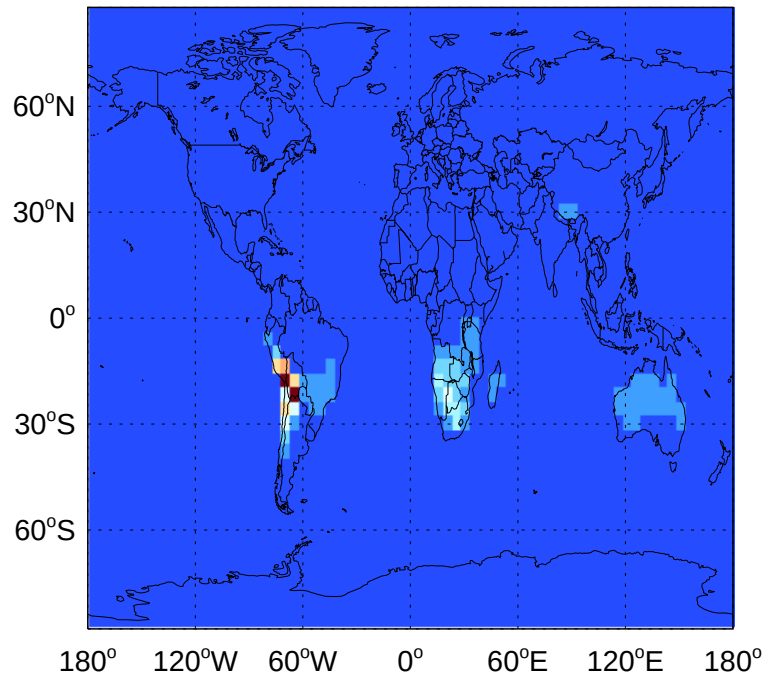
JN2O - J-Value @ surface for Jan



0.00e+00 6.46e-20s-1

v11-02c-Run0

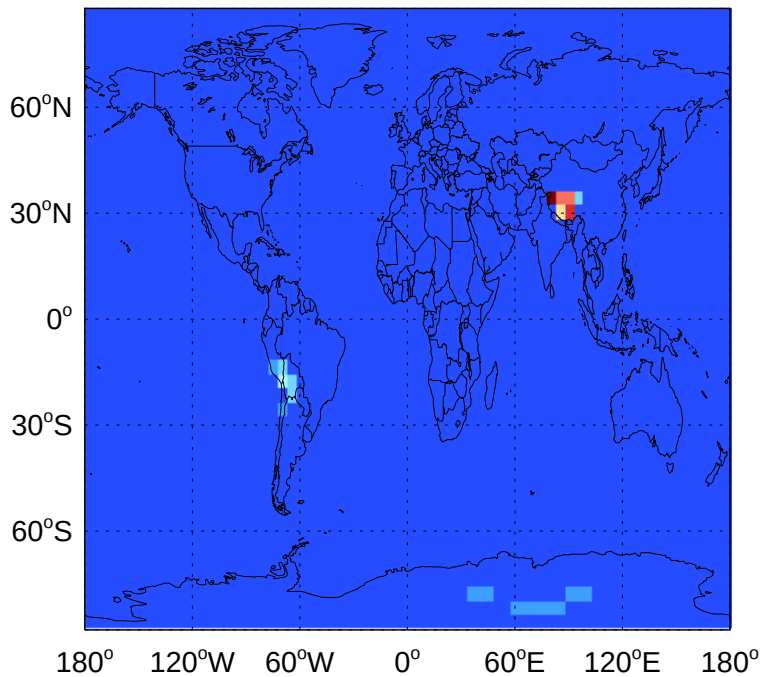
JN2O - J-Value @ 500 hPa for Jan



0.00e+00 1.12e-15s-1

v11-02d-Run1

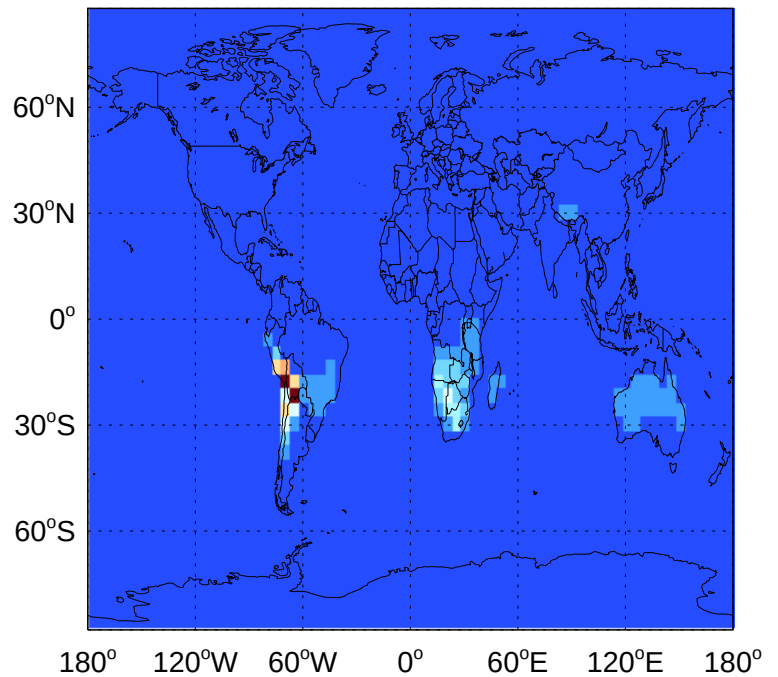
JN2O - J-Value @ surface for Jan



0.00e+00 6.79e-20s-1

v11-02d-Run1

JN2O - J-Value @ 500 hPa for Jan

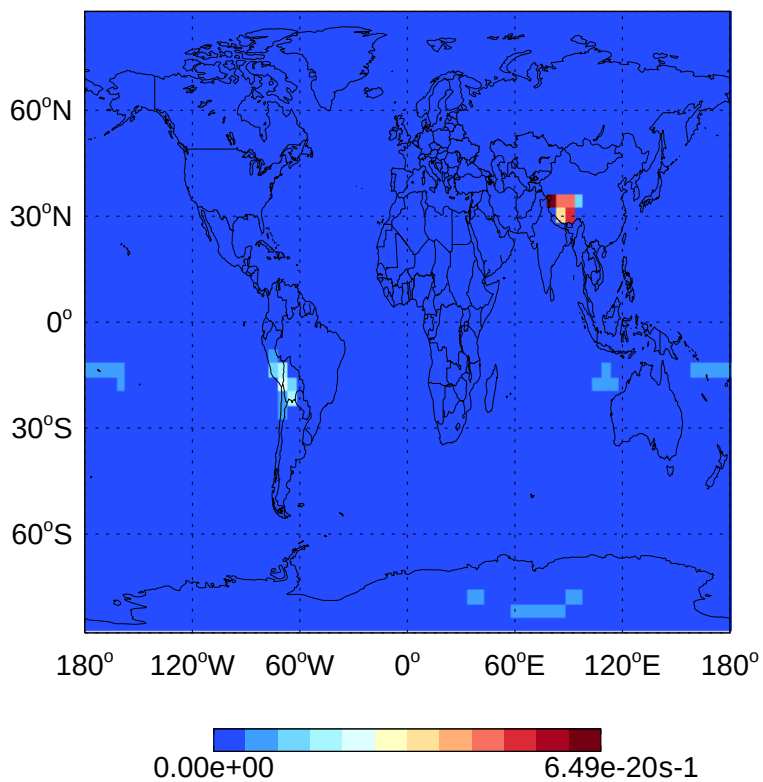


0.00e+00 1.16e-15s-1

# GEOS-Chem J-Values at surface and 500 hPa

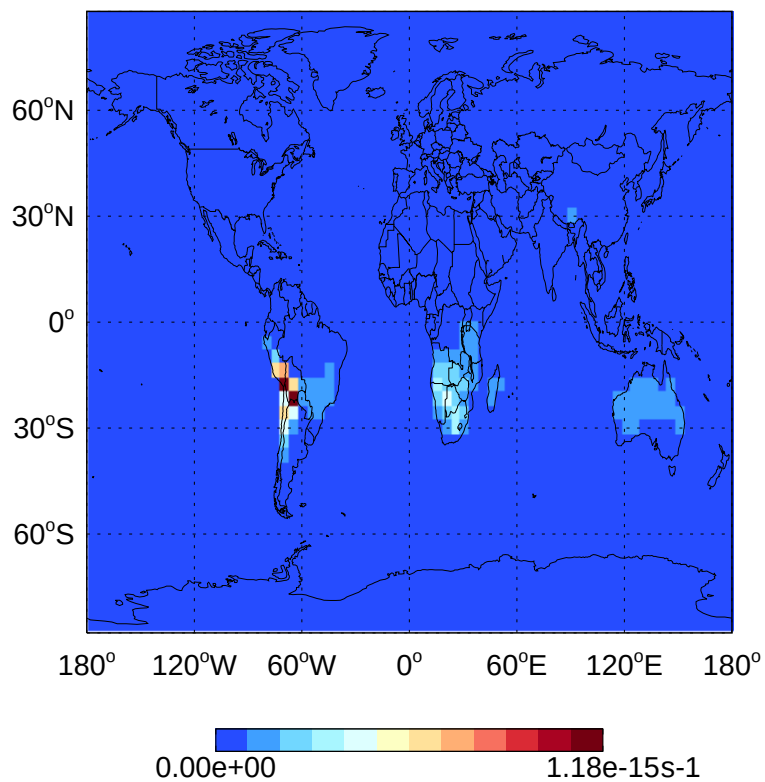
v11-02e-Run0

JN2O - J-Value @ surface for Jan



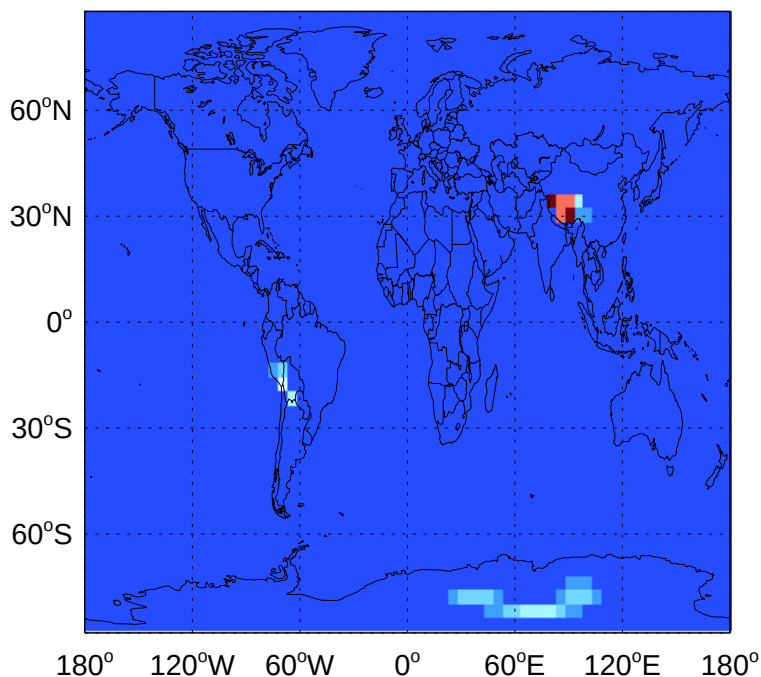
v11-02e-Run0

JN2O - J-Value @ 500 hPa for Jan



v11-02c-Run0

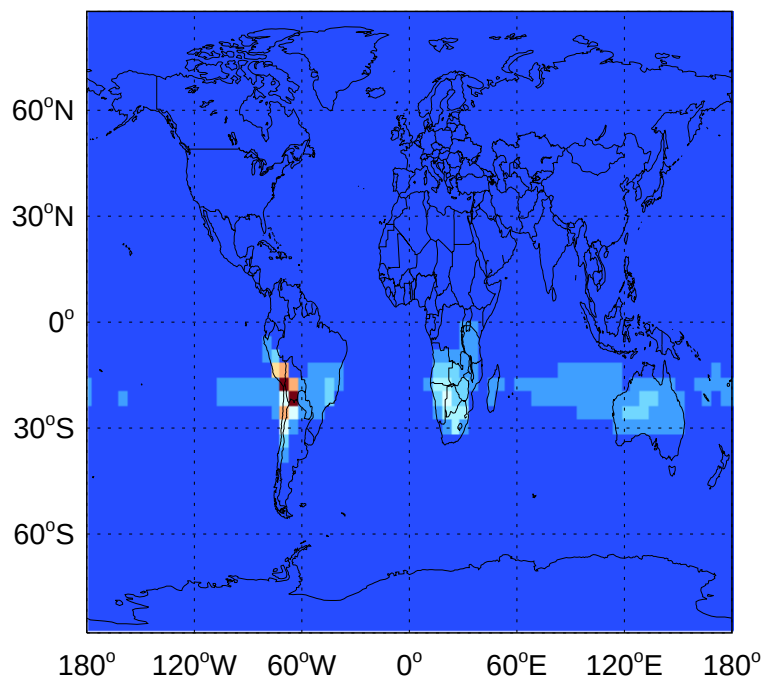
JNO - J-Value @ surface for Jan



0.00e+00 8.35e-21s-1

v11-02c-Run0

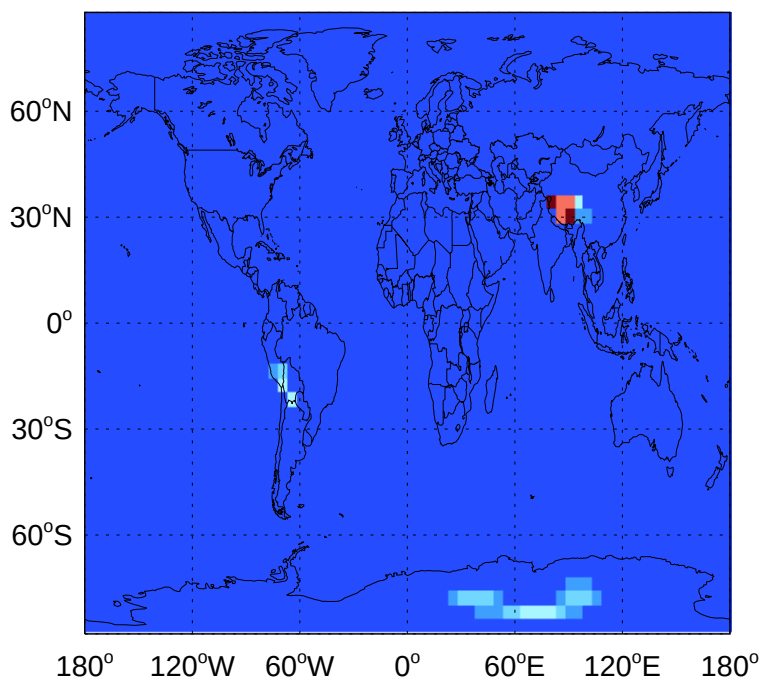
JNO - J-Value @ 500 hPa for Jan



0.00e+00 2.27e-16s-1

v11-02d-Run1

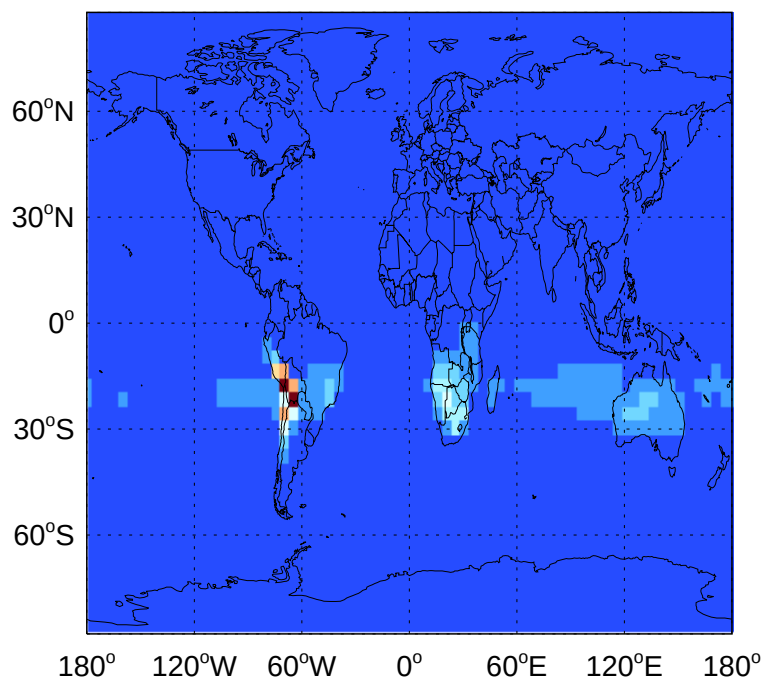
JNO - J-Value @ surface for Jan



0.00e+00 9.19e-21s-1

v11-02d-Run1

JNO - J-Value @ 500 hPa for Jan

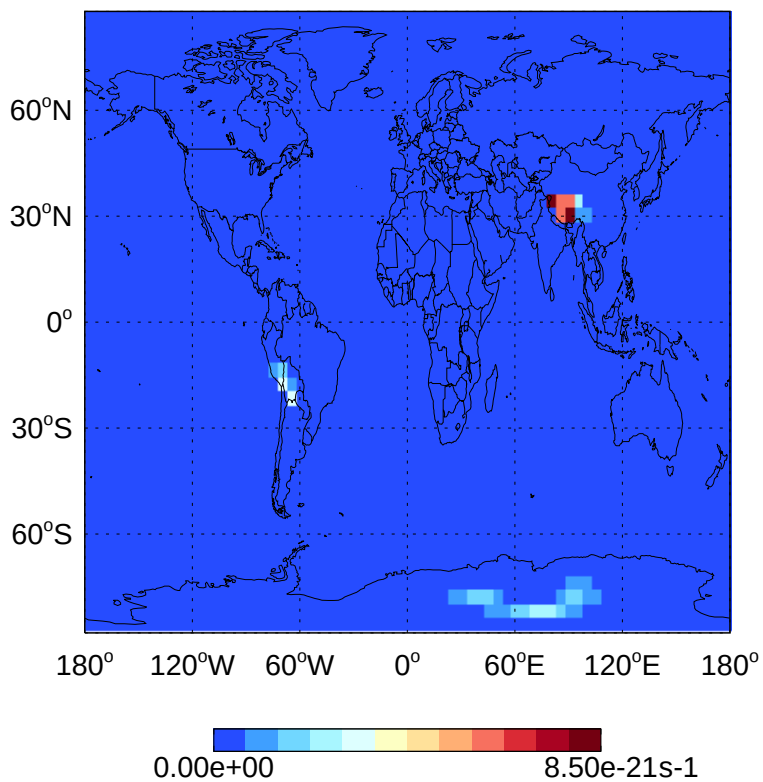


0.00e+00 2.40e-16s-1

# GEOS-Chem J-Values at surface and 500 hPa

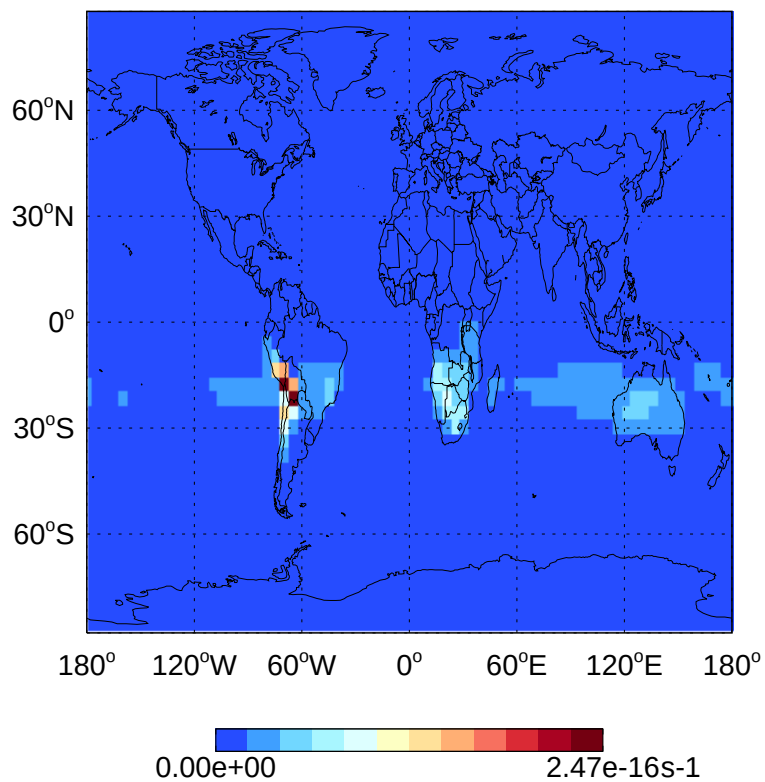
v11-02e-Run0

JNO - J-Value @ surface for Jan



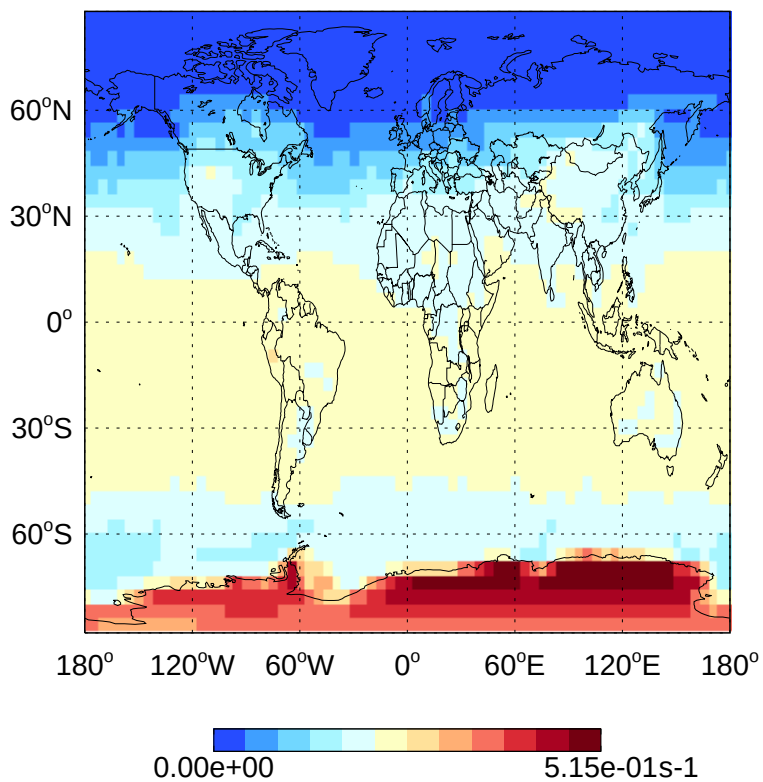
v11-02e-Run0

JNO - J-Value @ 500 hPa for Jan



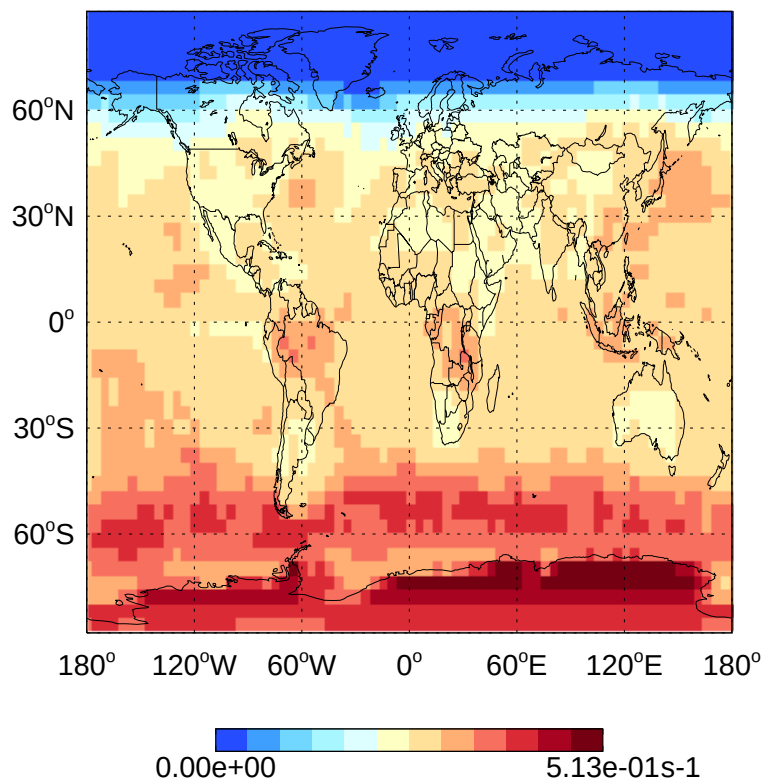
v11-02c-Run0

JNO3 - J-Value @ surface for Jan



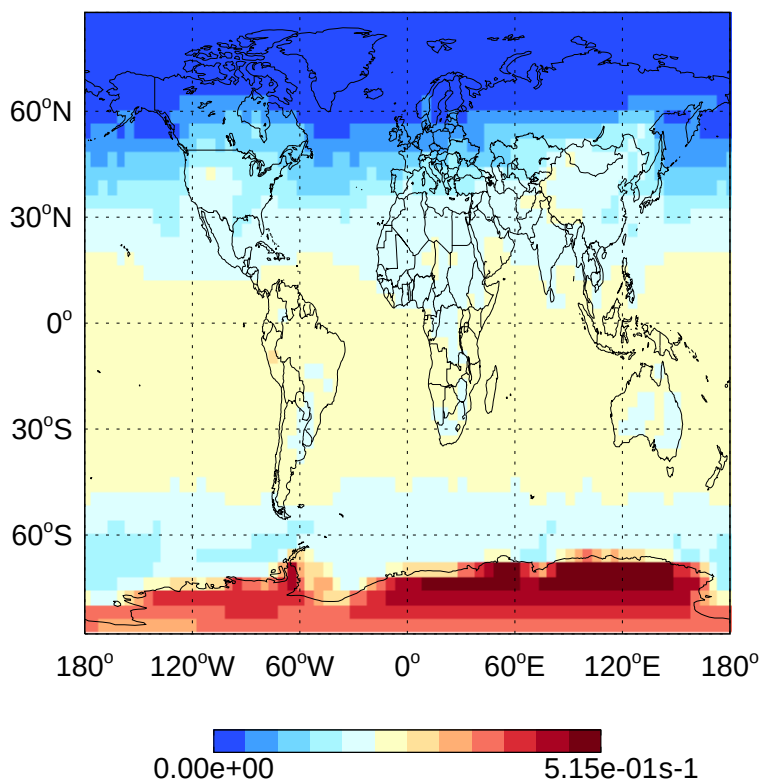
v11-02c-Run0

JNO3 - J-Value @ 500 hPa for Jan



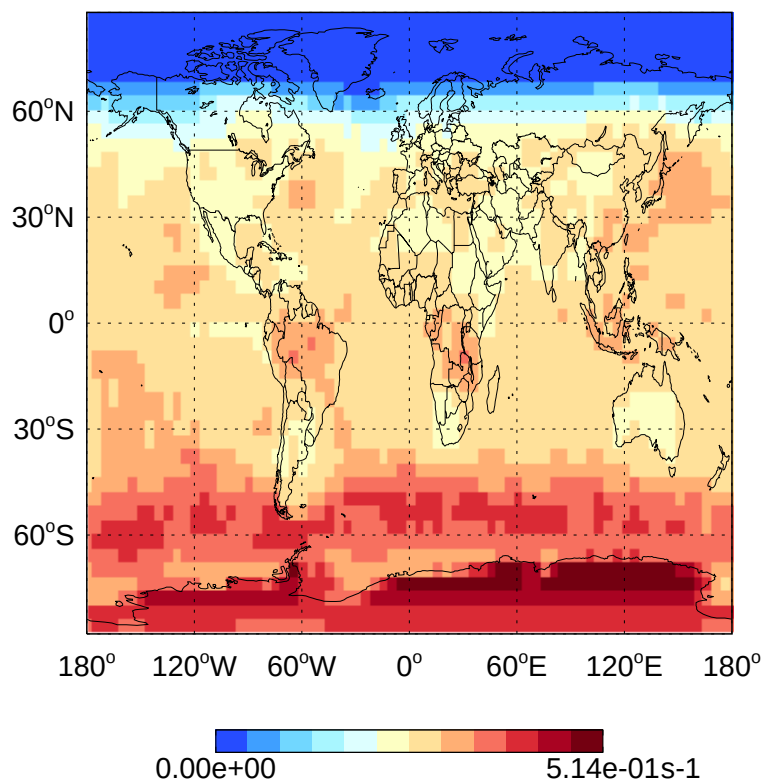
v11-02d-Run1

JNO3 - J-Value @ surface for Jan



v11-02d-Run1

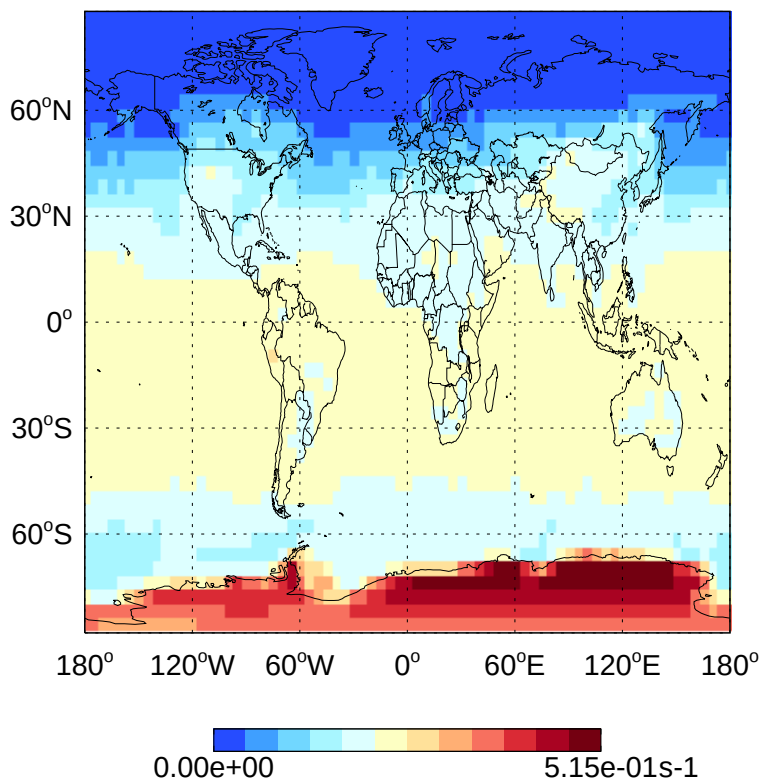
JNO3 - J-Value @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

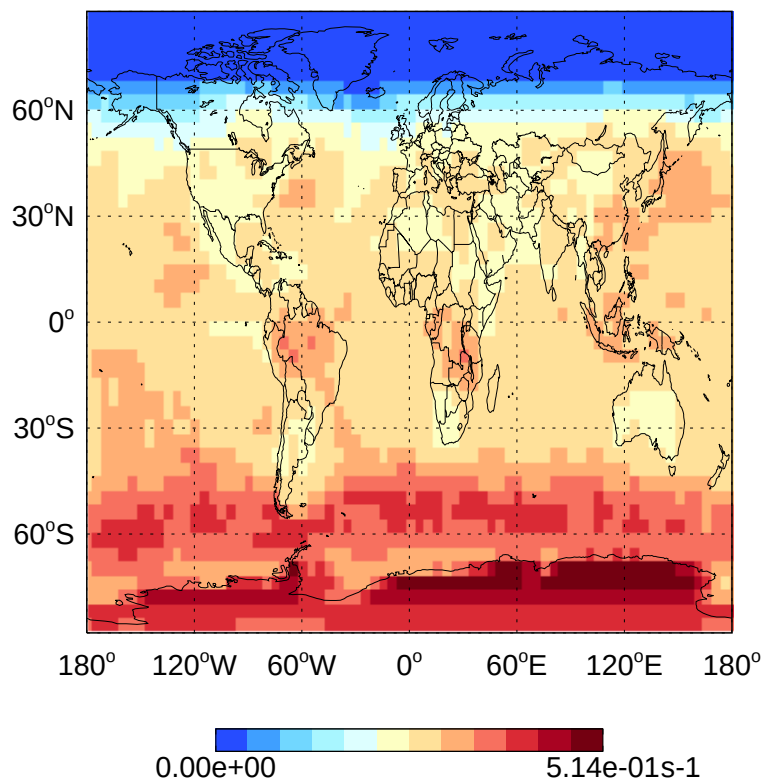
v11-02e-Run0

JNO3 - J-Value @ surface for Jan



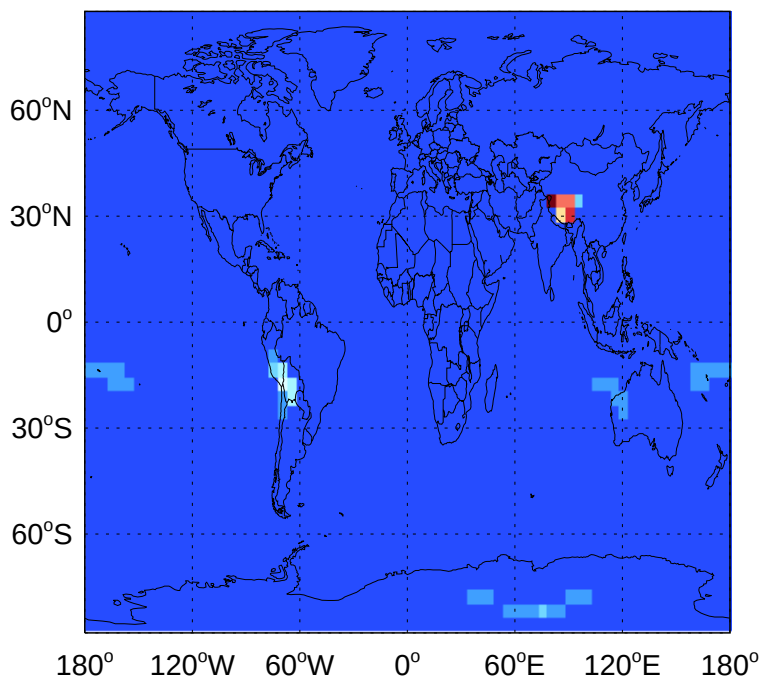
v11-02e-Run0

JNO3 - J-Value @ 500 hPa for Jan



v11-02c-Run0

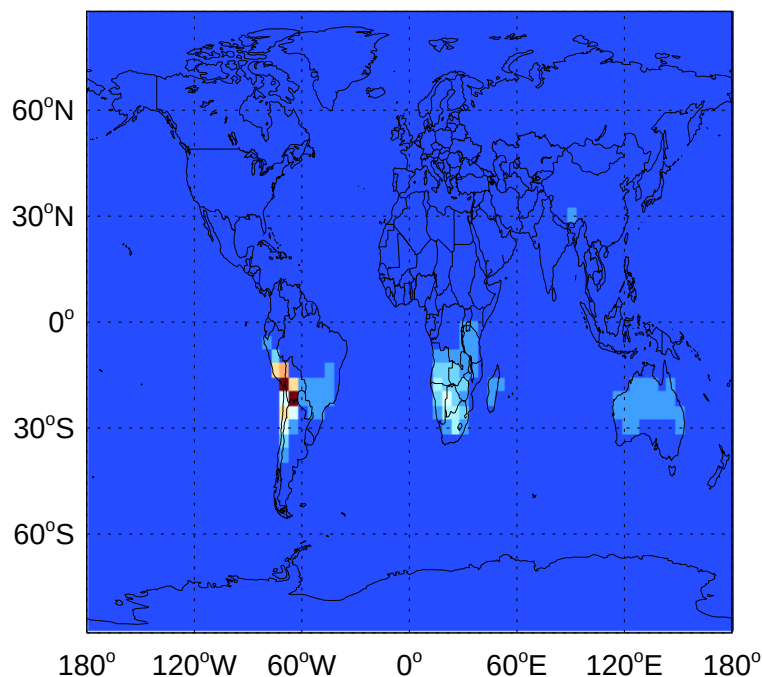
JCFC11 - J-Value @ surface for Jan



0.00e+00 1.25e-18s-1

v11-02c-Run0

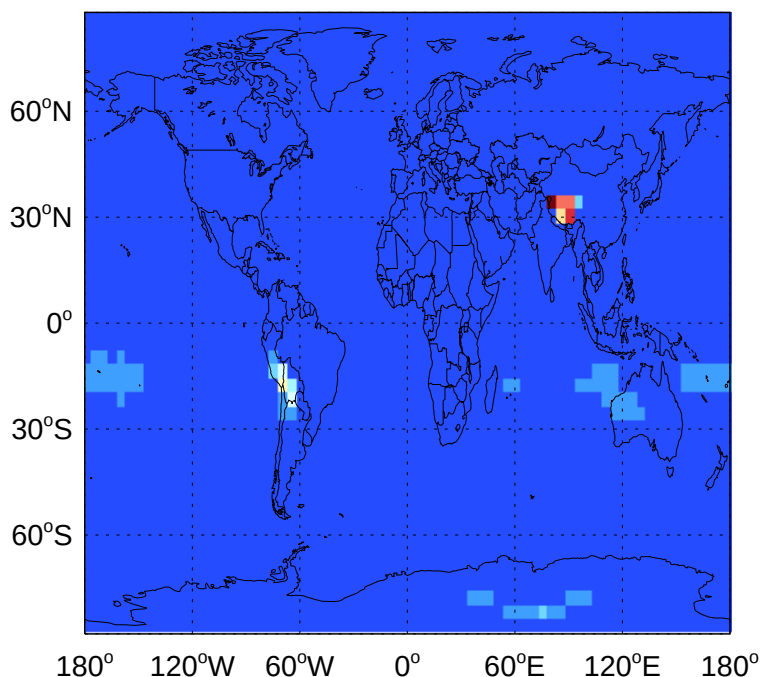
JCFC11 - J-Value @ 500 hPa for Jan



0.00e+00 2.17e-14s-1

v11-02d-Run1

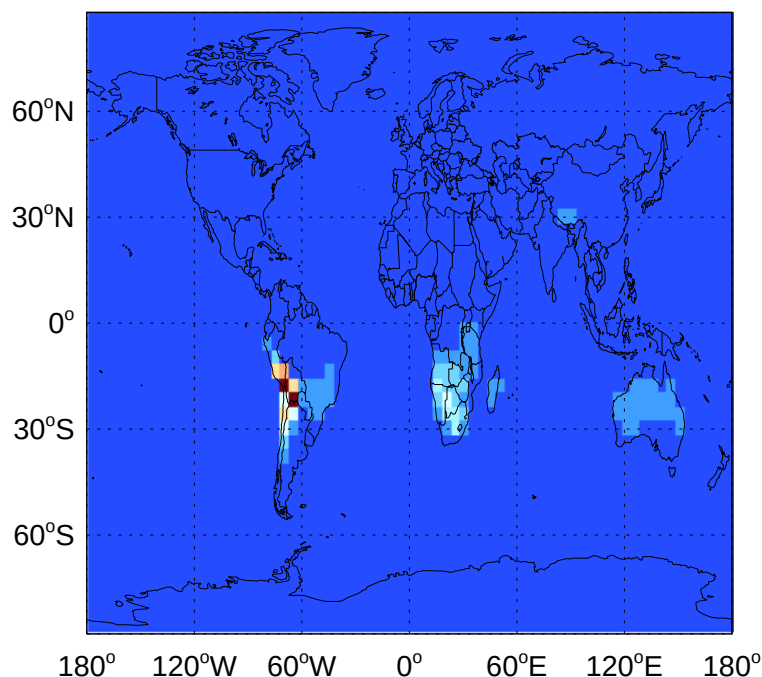
JCFC11 - J-Value @ surface for Jan



0.00e+00 1.31e-18s-1

v11-02d-Run1

JCFC11 - J-Value @ 500 hPa for Jan

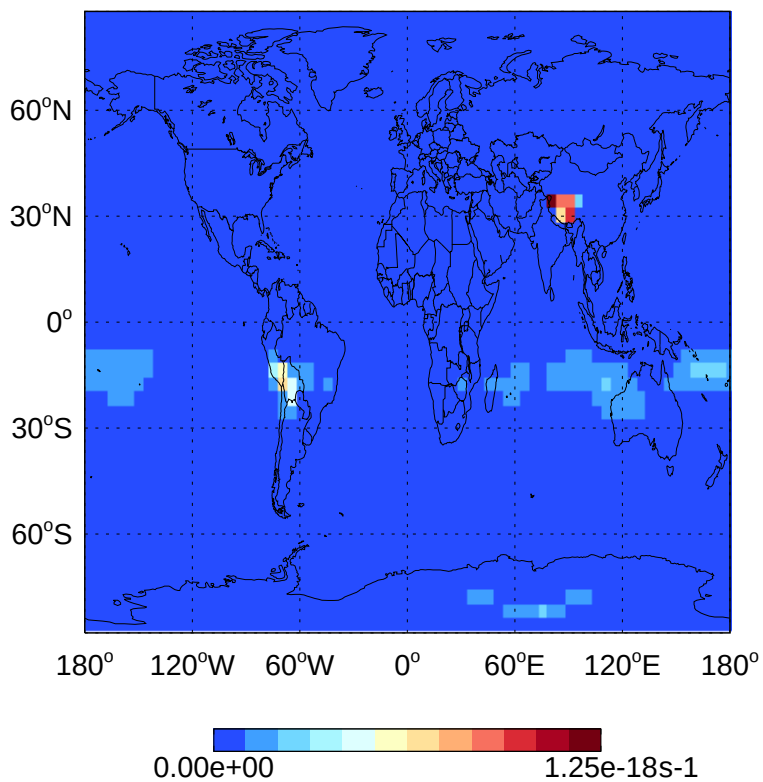


0.00e+00 2.23e-14s-1

# GEOS-Chem J-Values at surface and 500 hPa

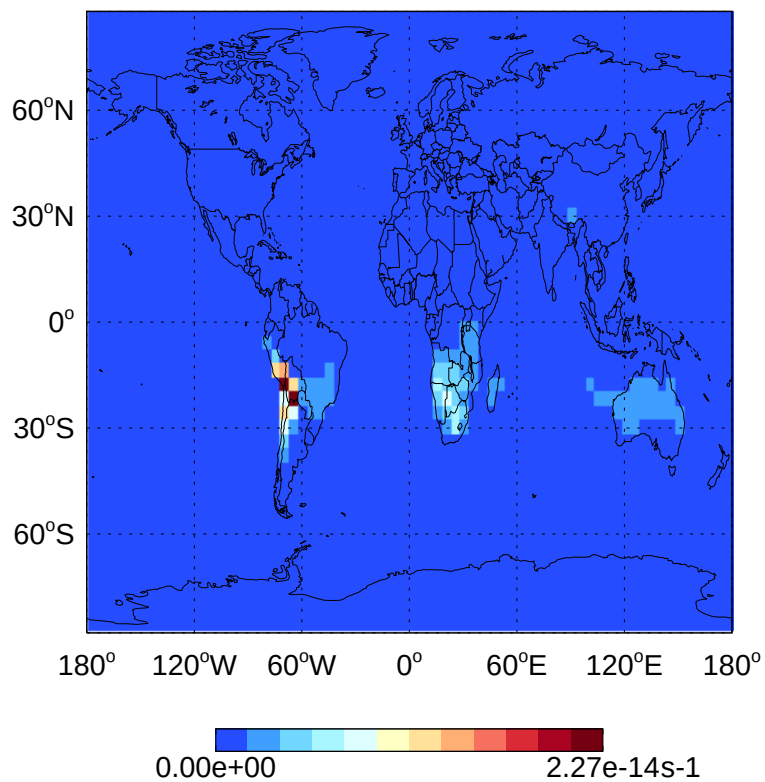
v11-02e-Run0

JCFC11 - J-Value @ surface for Jan



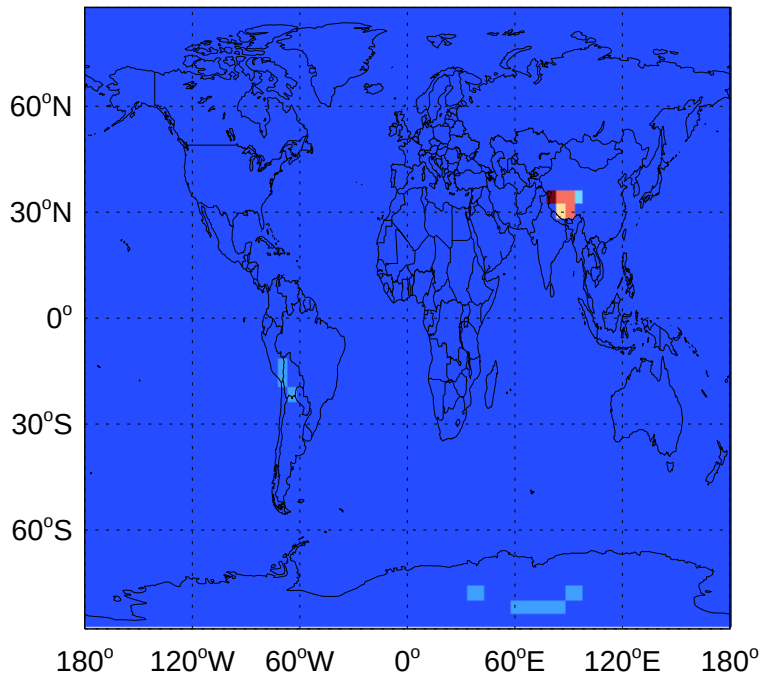
v11-02e-Run0

JCFC11 - J-Value @ 500 hPa for Jan



v11-02c-Run0

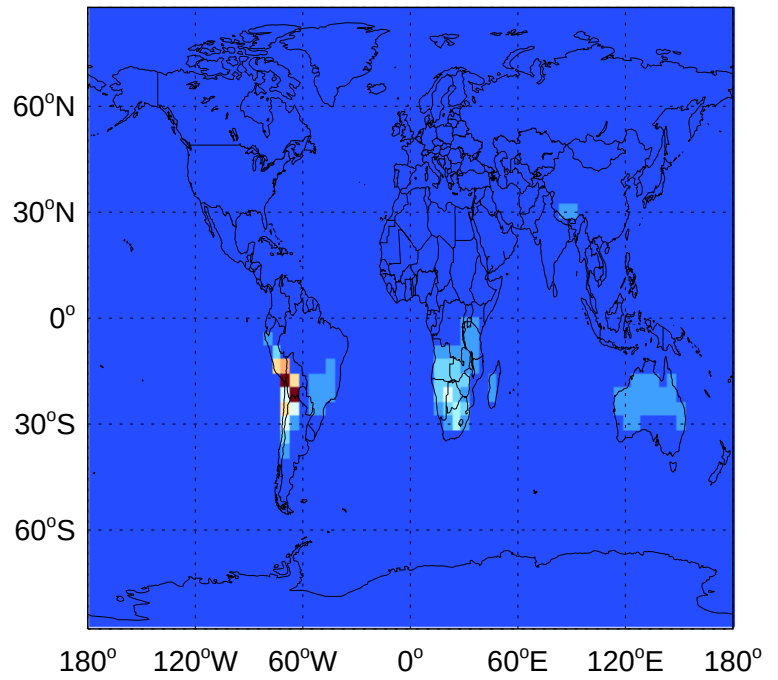
JCFC12 - J-Value @ surface for Jan



0.00e+00 9.39e-20s-1

v11-02c-Run0

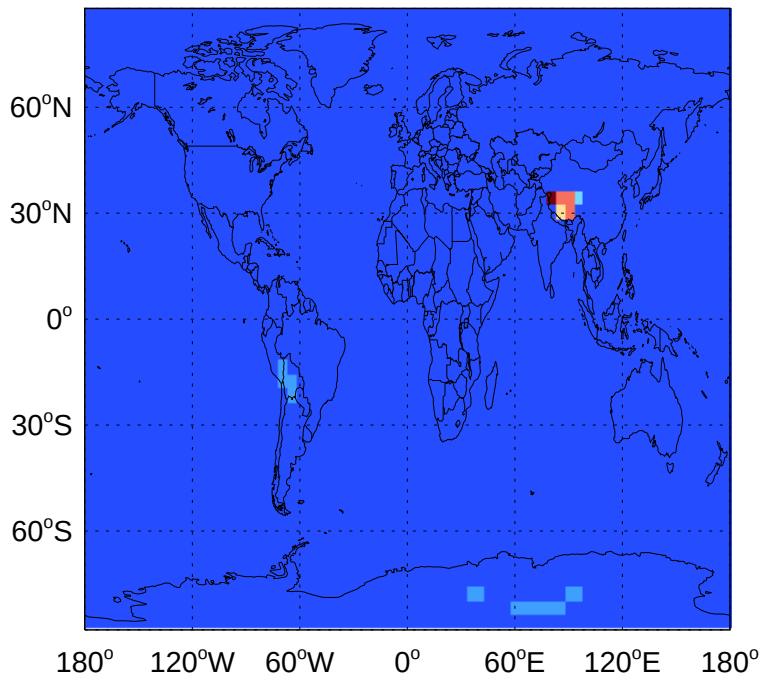
JCFC12 - J-Value @ 500 hPa for Jan



0.00e+00 1.64e-15s-1

v11-02d-Run1

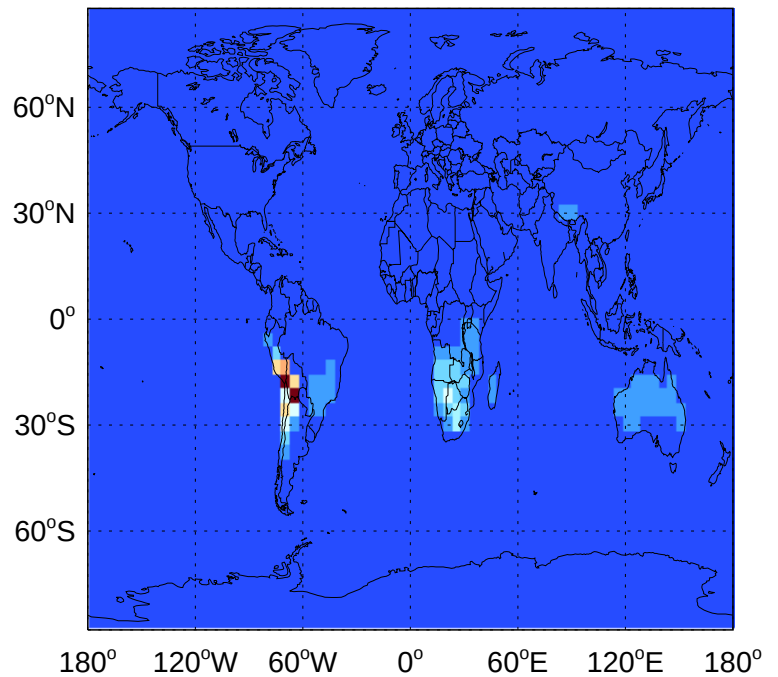
JCFC12 - J-Value @ surface for Jan



0.00e+00 9.84e-20s-1

v11-02d-Run1

JCFC12 - J-Value @ 500 hPa for Jan

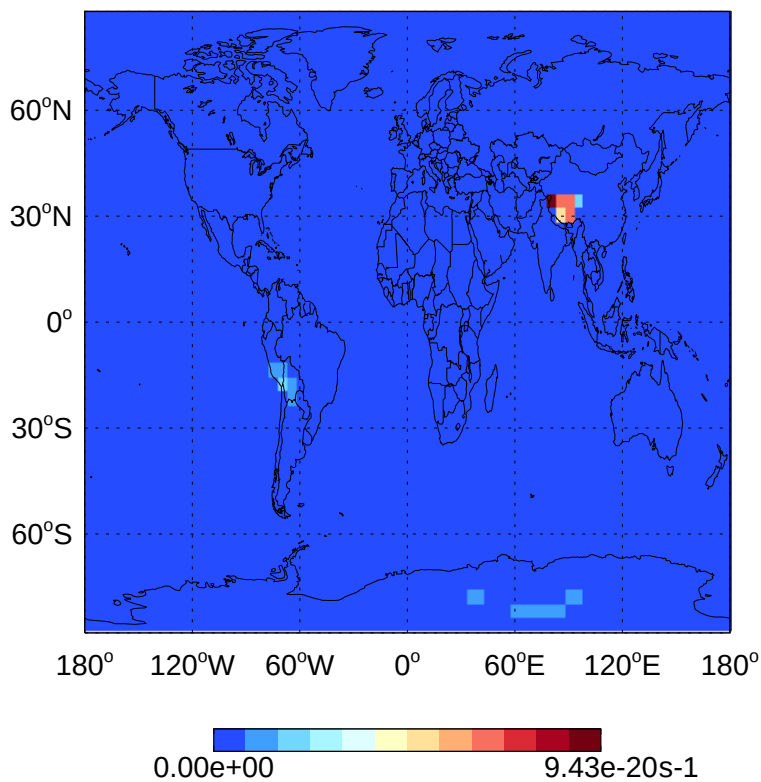


0.00e+00 1.69e-15s-1

# GEOS-Chem J-Values at surface and 500 hPa

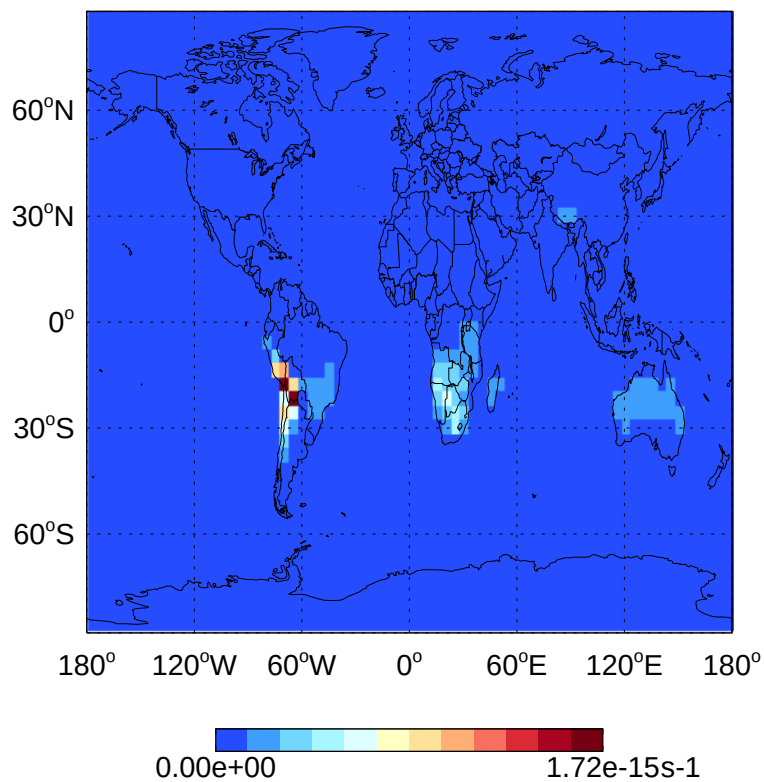
v11-02e-Run0

JCFC12 - J-Value @ surface for Jan



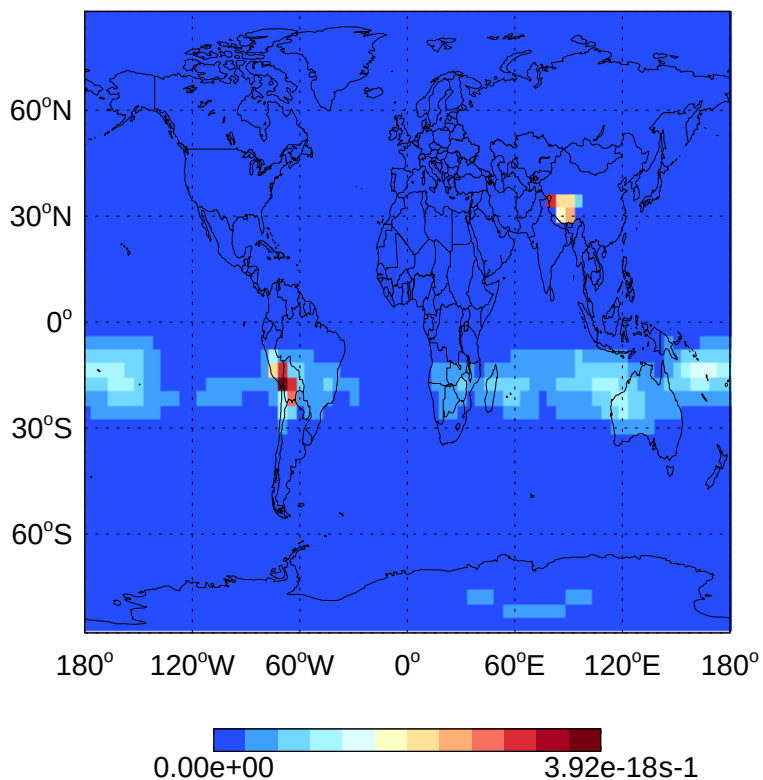
v11-02e-Run0

JCFC12 - J-Value @ 500 hPa for Jan



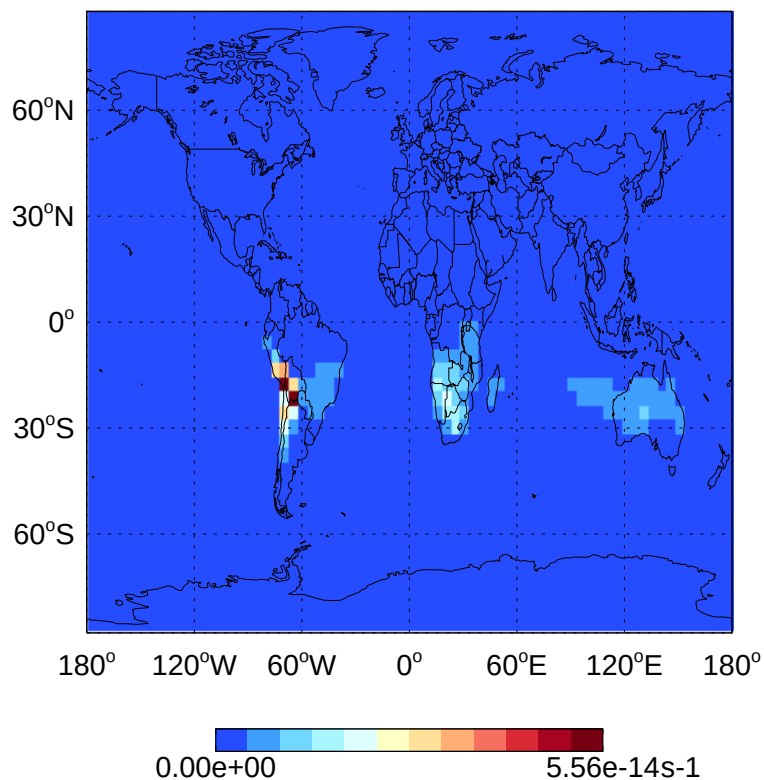
v11-02c-Run0

JCCI4 - J-Value @ surface for Jan



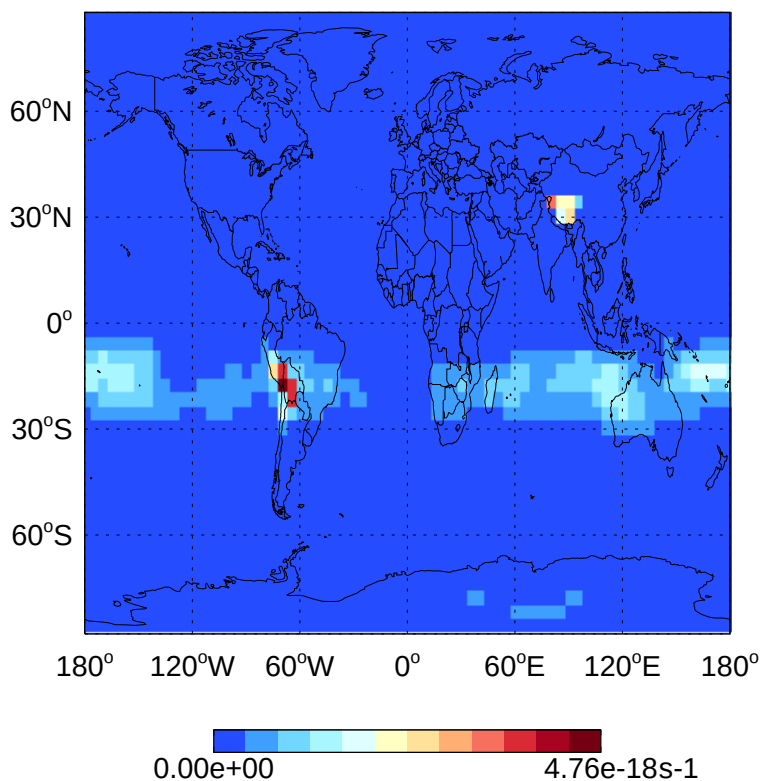
v11-02c-Run0

JCCI4 - J-Value @ 500 hPa for Jan



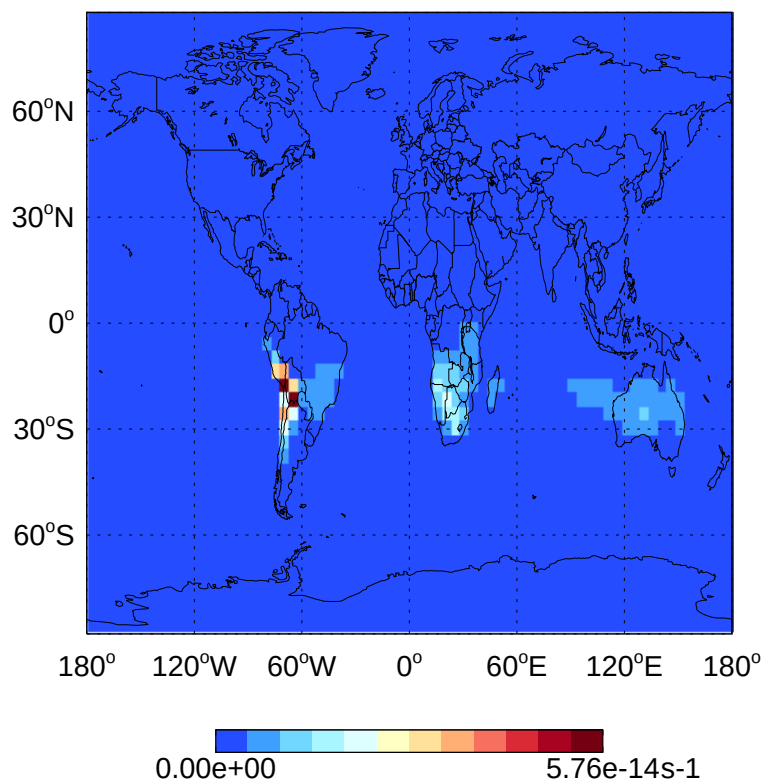
v11-02d-Run1

JCCI4 - J-Value @ surface for Jan



v11-02d-Run1

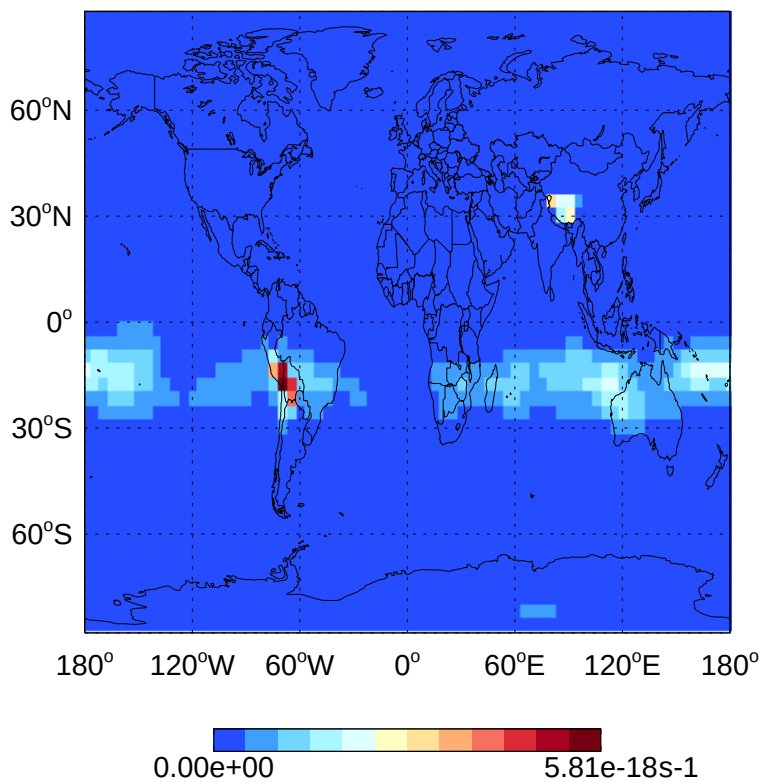
JCCI4 - J-Value @ 500 hPa for Jan



# GEOS-Chem J-Values at surface and 500 hPa

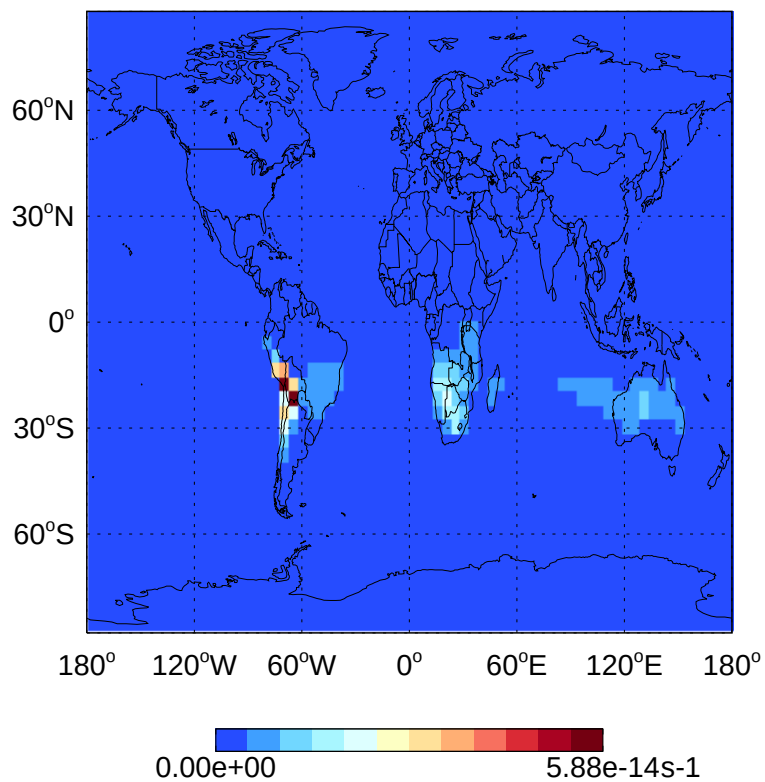
v11-02e-Run0

JCCI4 - J-Value @ surface for Jan



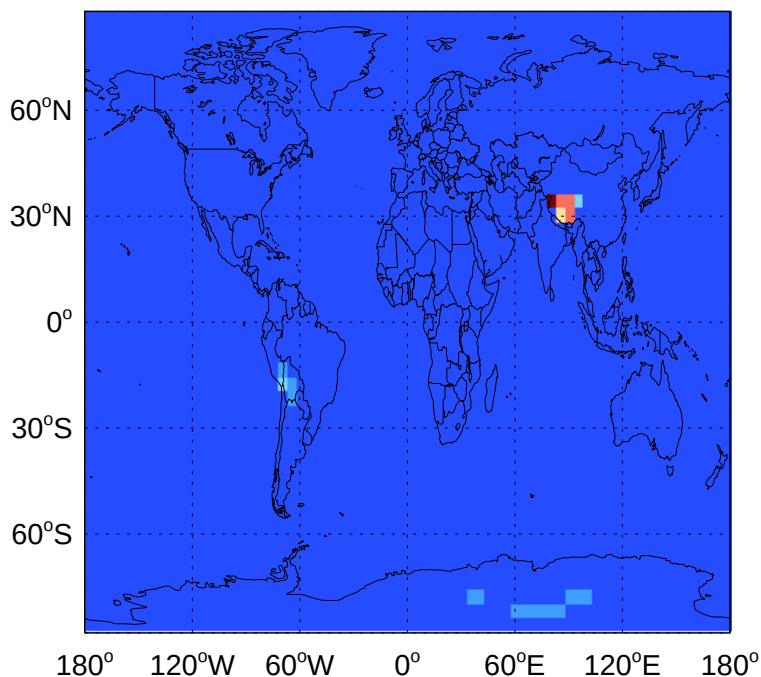
v11-02e-Run0

JCCI4 - J-Value @ 500 hPa for Jan



v11-02c-Run0

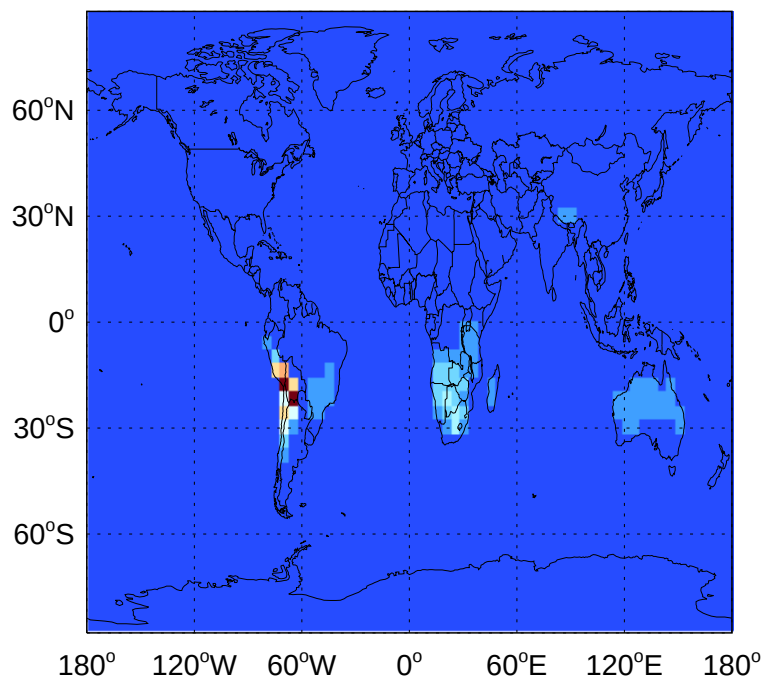
JCH3Cl - J-Value @ surface for Jan



0.00e+00 2.40e-20s-1

v11-02c-Run0

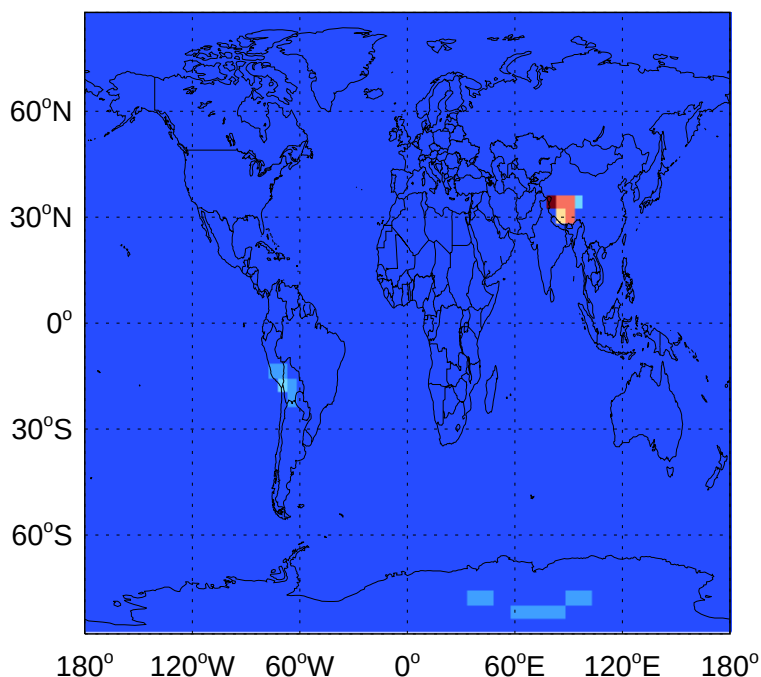
JCH3Cl - J-Value @ 500 hPa for Jan



0.00e+00 4.17e-16s-1

v11-02d-Run1

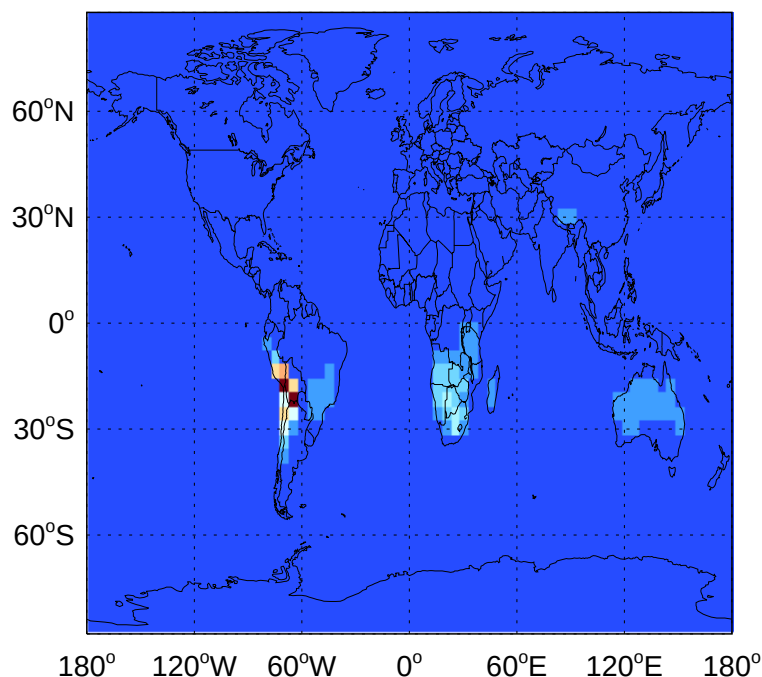
JCH3Cl - J-Value @ surface for Jan



0.00e+00 2.52e-20s-1

v11-02d-Run1

JCH3Cl - J-Value @ 500 hPa for Jan

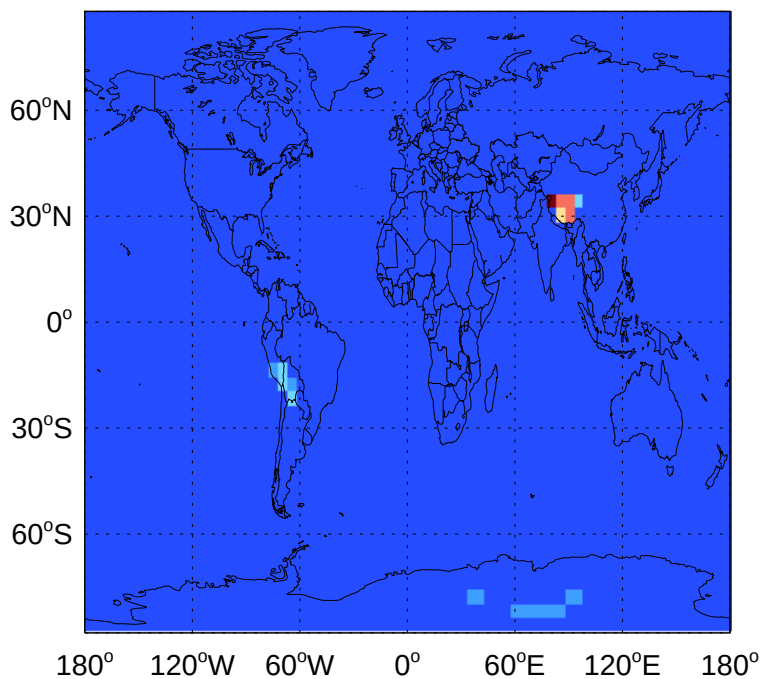


0.00e+00 4.29e-16s-1

# GEOS-Chem J-Values at surface and 500 hPa

v11-02e-Run0

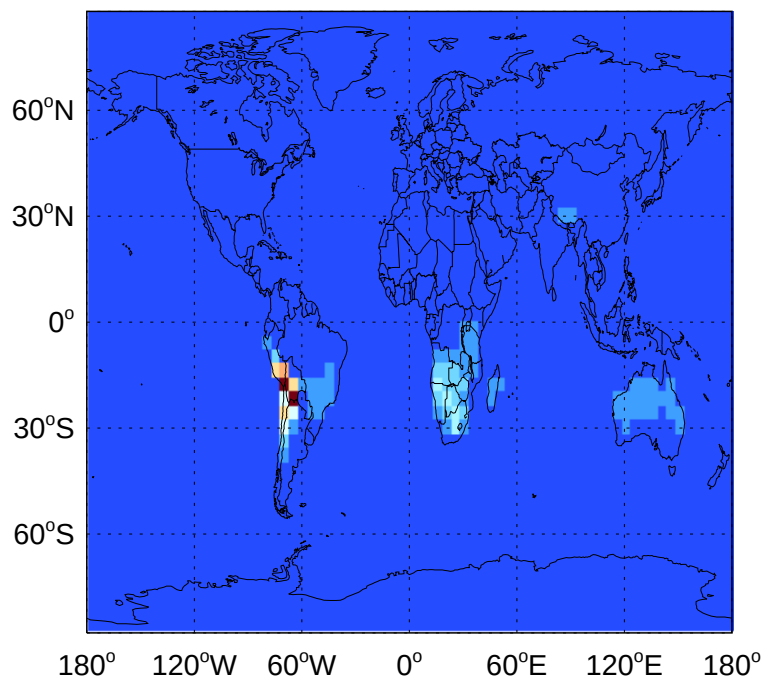
JCH3Cl - J-Value @ surface for Jan



0.00e+00 2.41e-20s-1

v11-02e-Run0

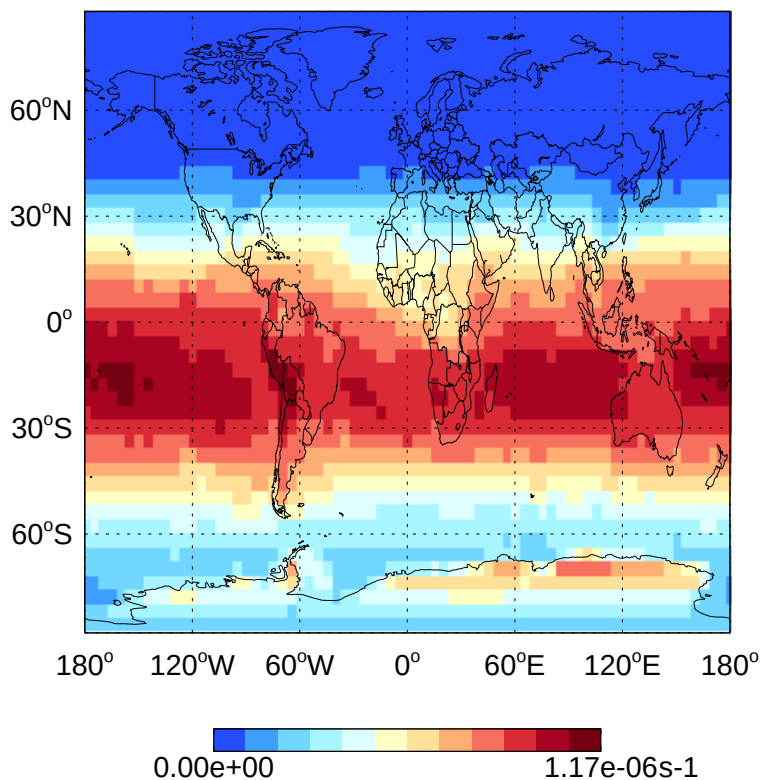
JCH3Cl - J-Value @ 500 hPa for Jan



0.00e+00 4.36e-16s-1

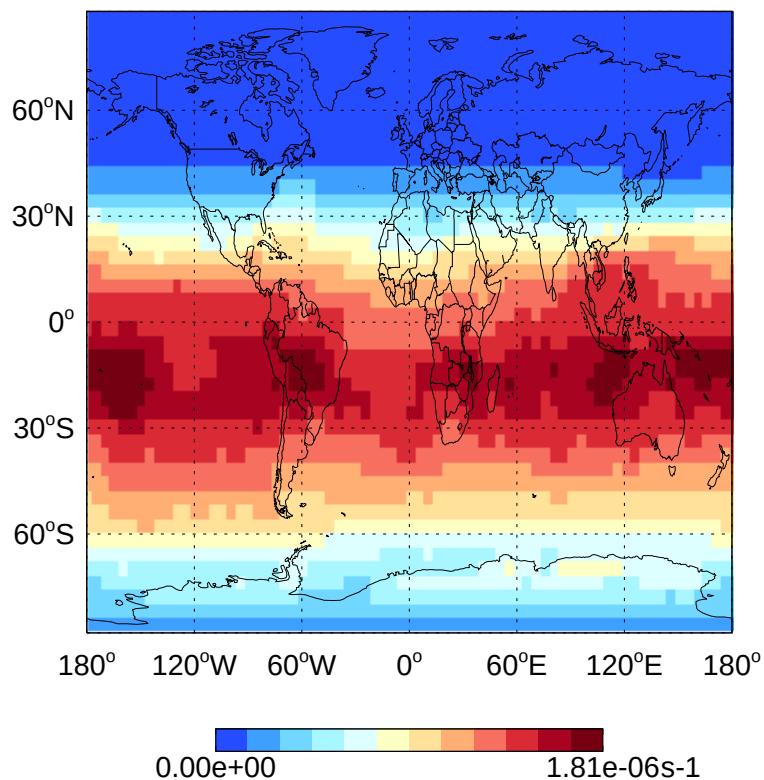
v11-02c-Run0

JACET - J-Value @ surface for Jan



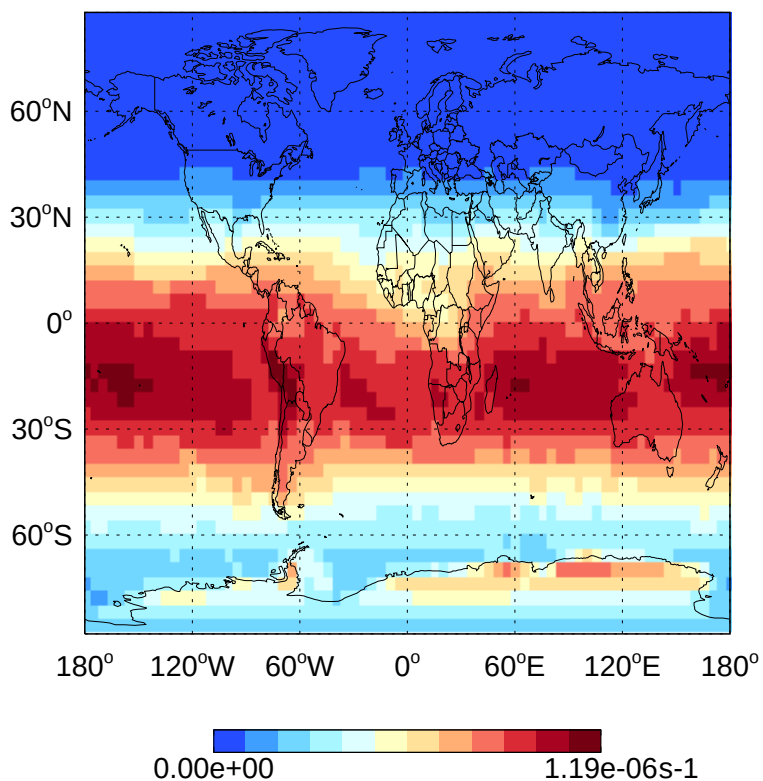
v11-02c-Run0

JACET - J-Value @ 500 hPa for Jan



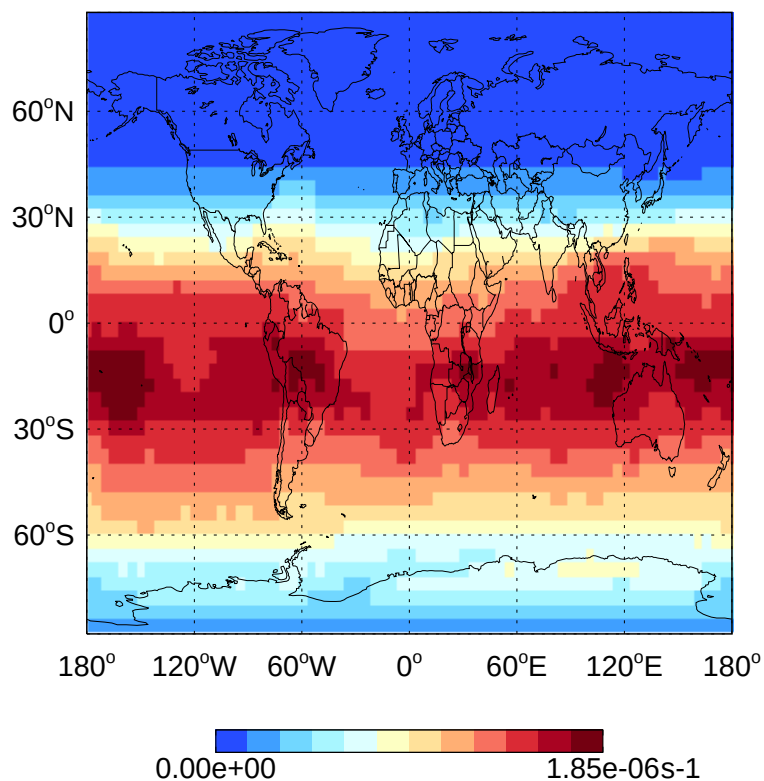
v11-02d-Run1

JACET - J-Value @ surface for Jan



v11-02d-Run1

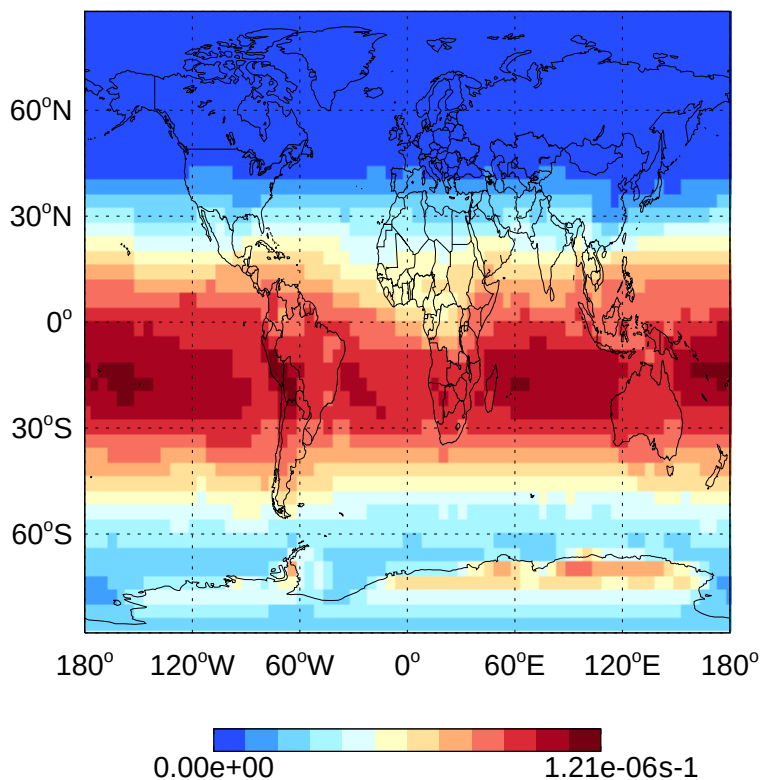
JACET - J-Value @ 500 hPa for Jan



# GEOS-Chem J-Values at surface and 500 hPa

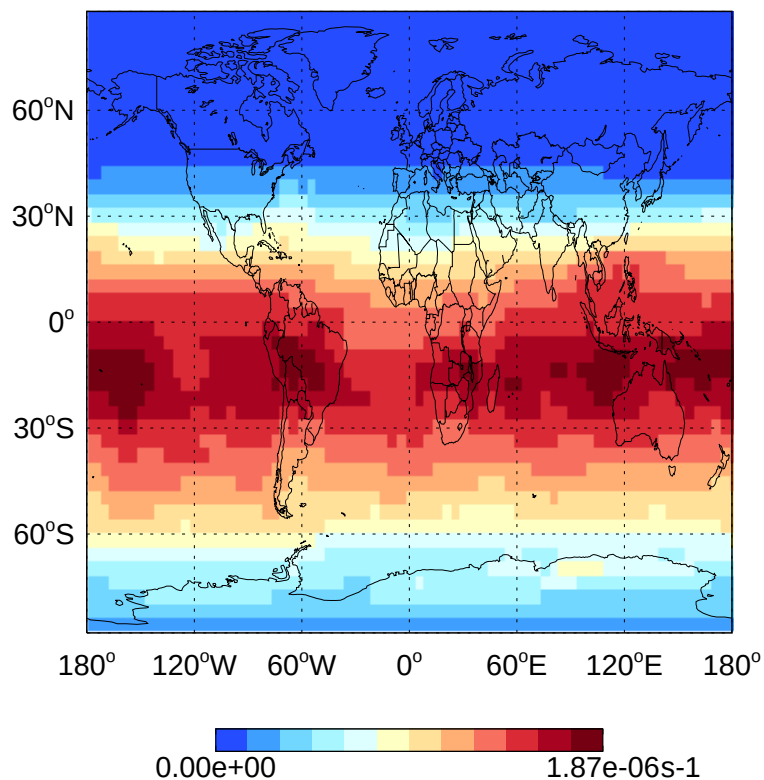
v11-02e-Run0

JACET - J-Value @ surface for Jan



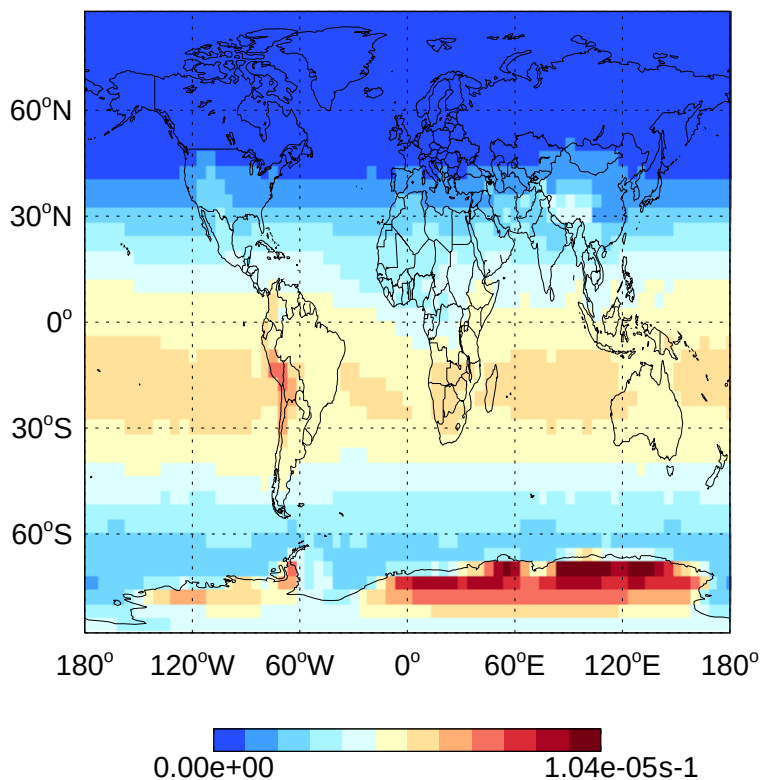
v11-02e-Run0

JACET - J-Value @ 500 hPa for Jan



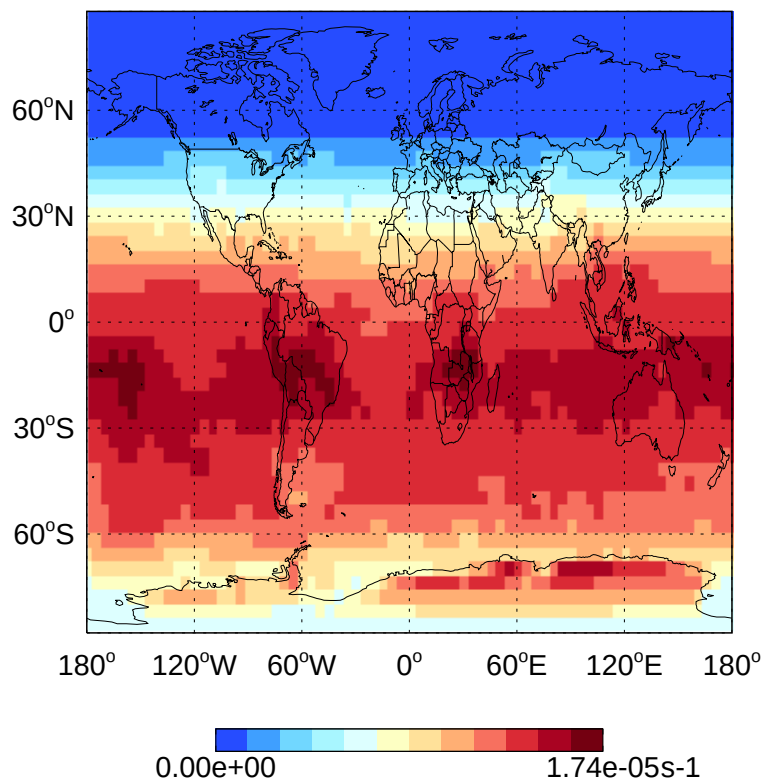
v11-02c-Run0

JALD2 - J-Value @ surface for Jan



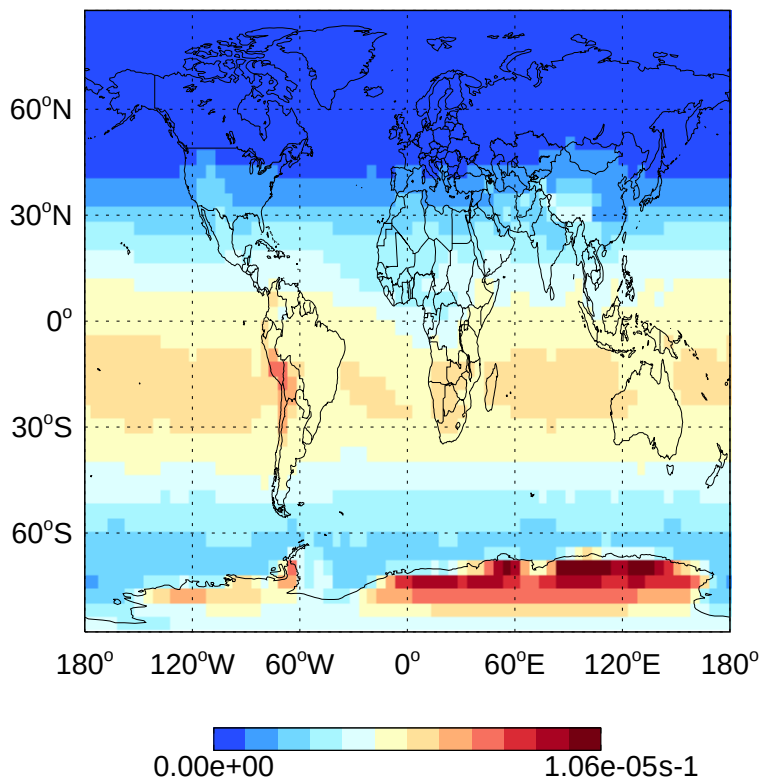
v11-02c-Run0

JALD2 - J-Value @ 500 hPa for Jan



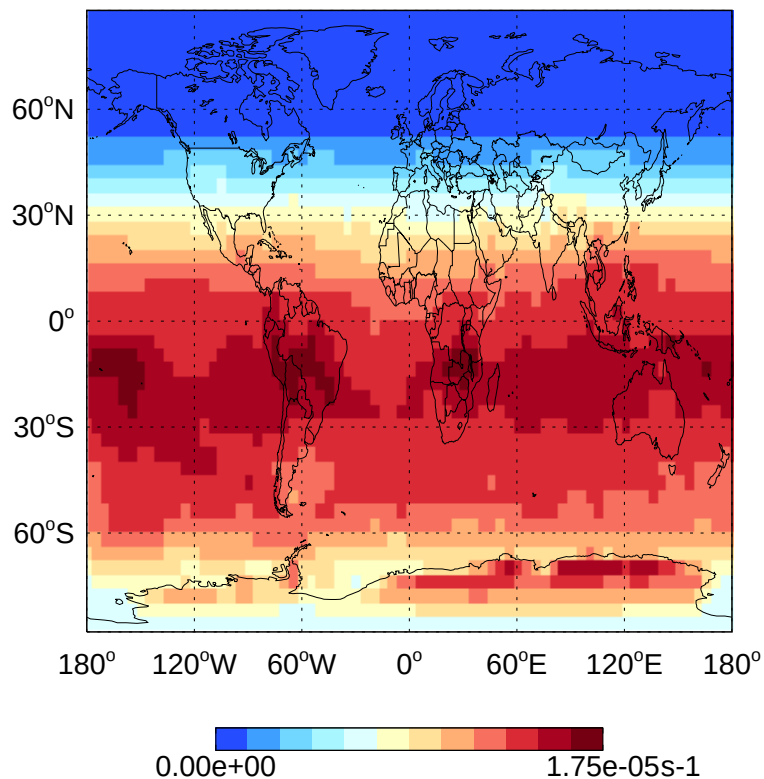
v11-02d-Run1

JALD2 - J-Value @ surface for Jan



v11-02d-Run1

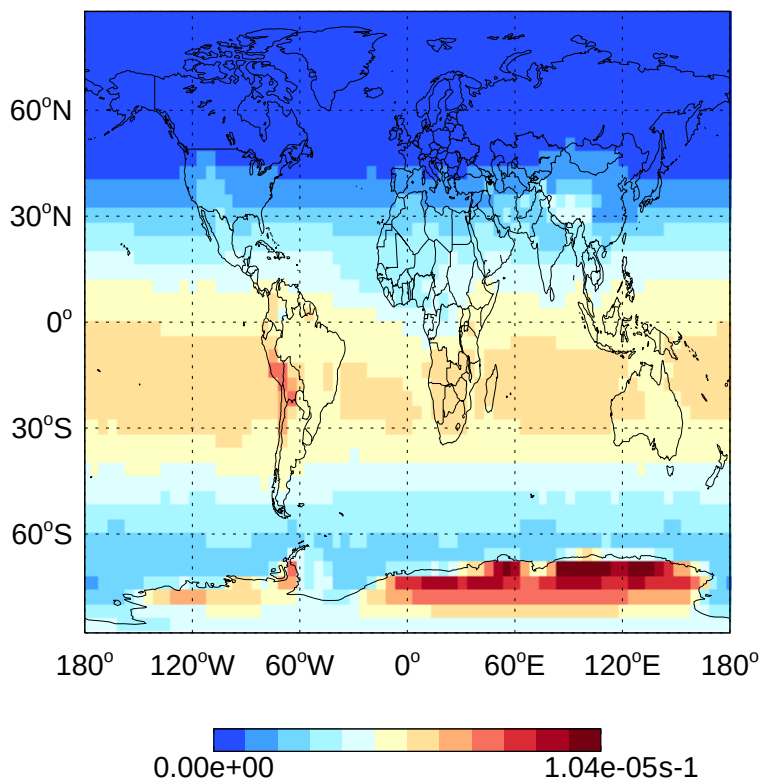
JALD2 - J-Value @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

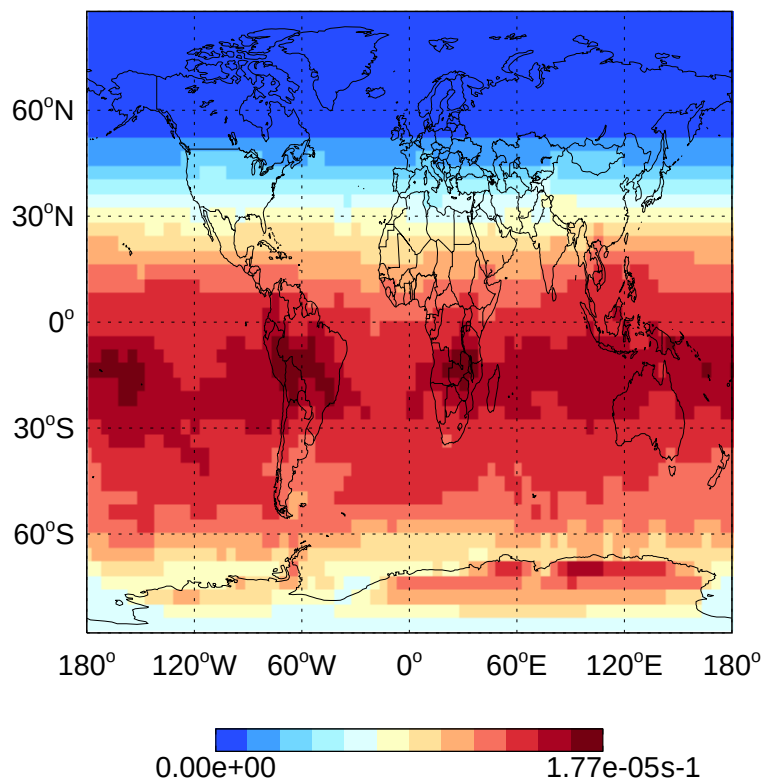
v11-02e-Run0

JALD2 - J-Value @ surface for Jan



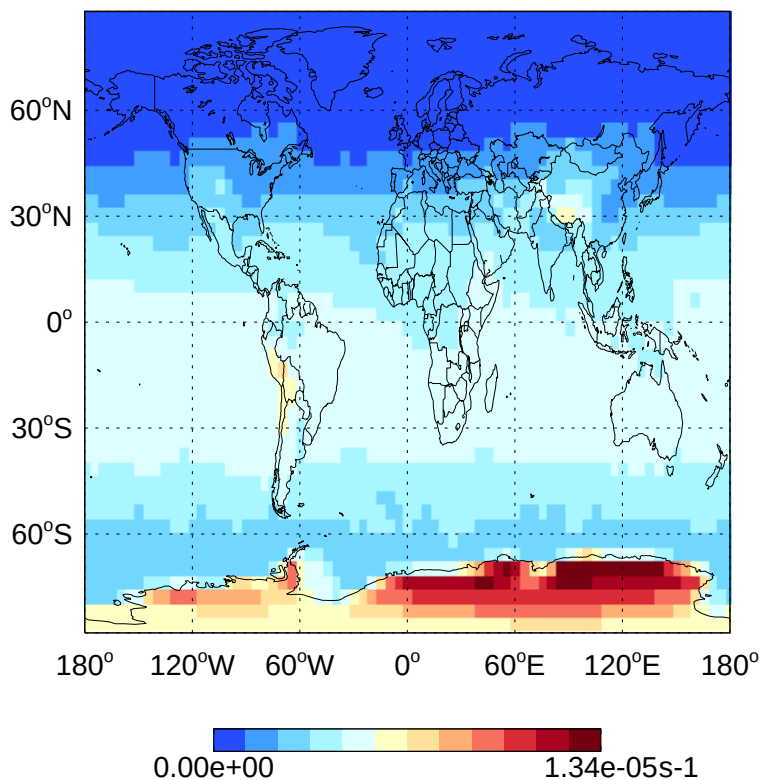
v11-02e-Run0

JALD2 - J-Value @ 500 hPa for Jan



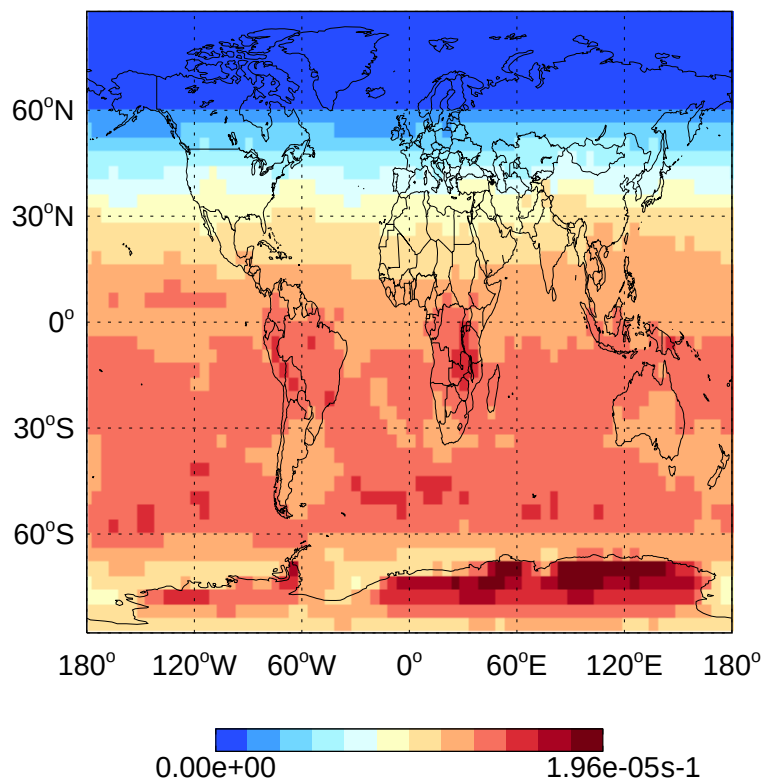
v11-02c-Run0

JMVK - J-Value @ surface for Jan



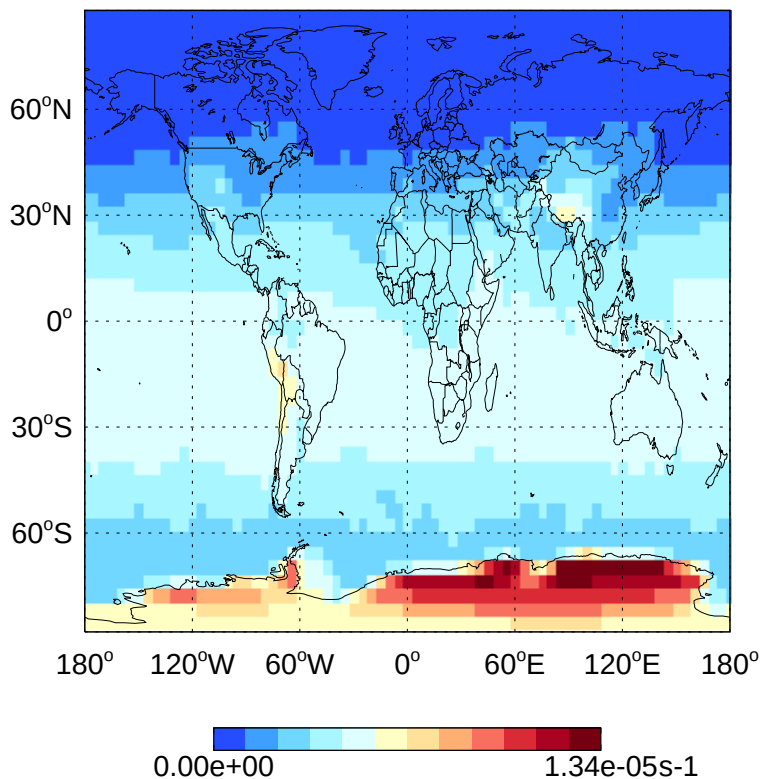
v11-02c-Run0

JMVK - J-Value @ 500 hPa for Jan



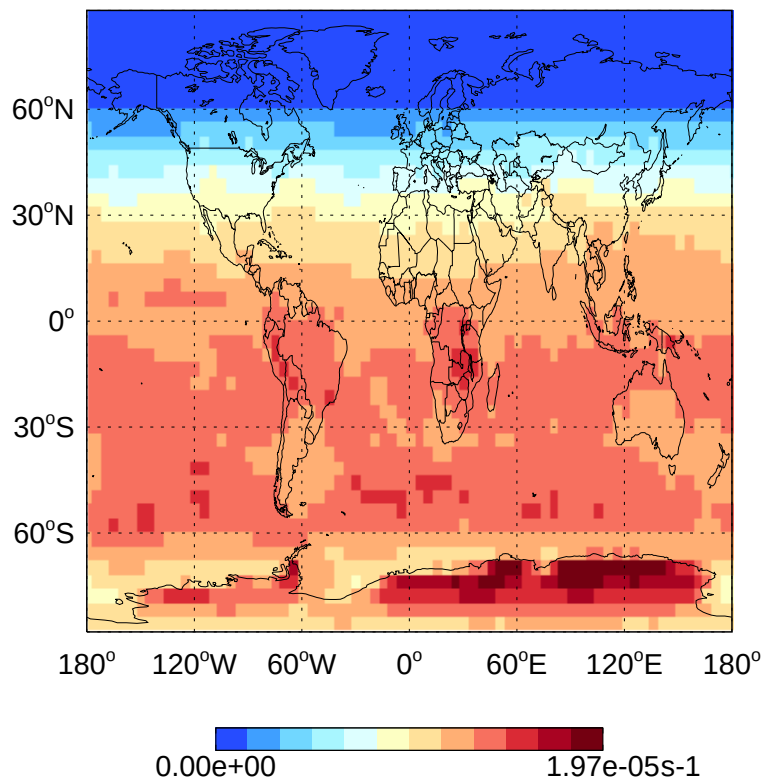
v11-02d-Run1

JMVK - J-Value @ surface for Jan



v11-02d-Run1

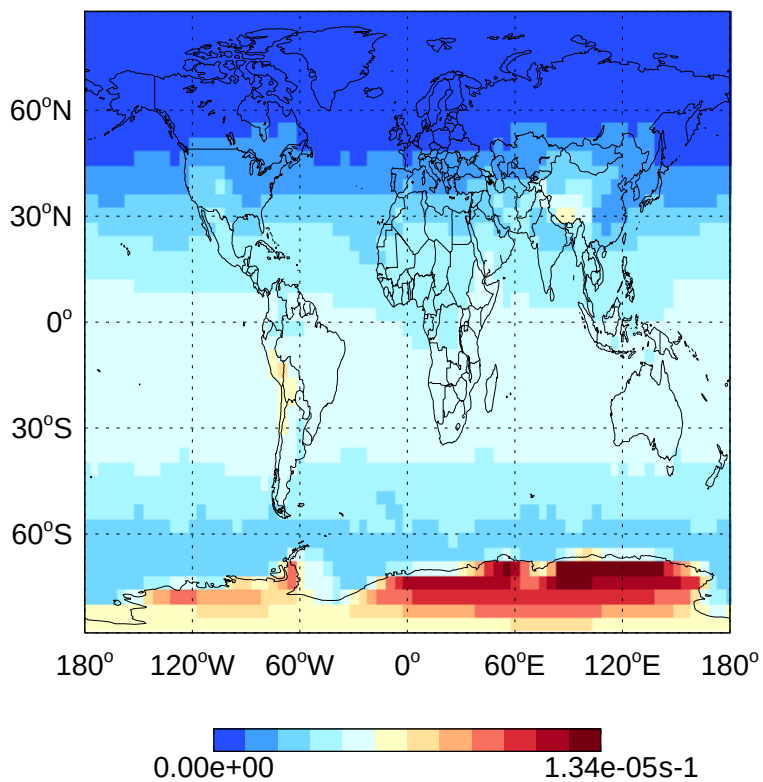
JMVK - J-Value @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

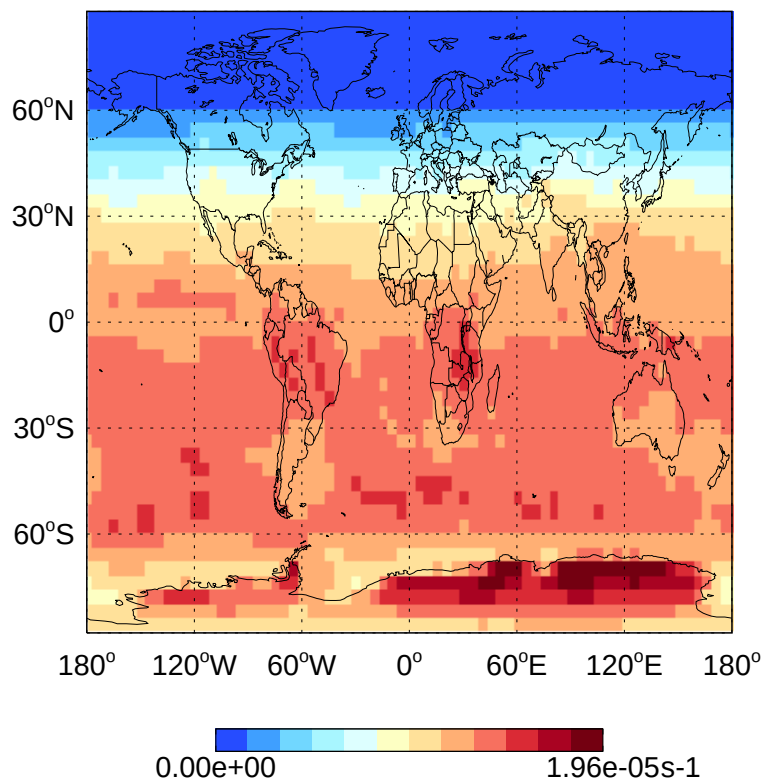
v11-02e-Run0

JMVK - J-Value @ surface for Jan



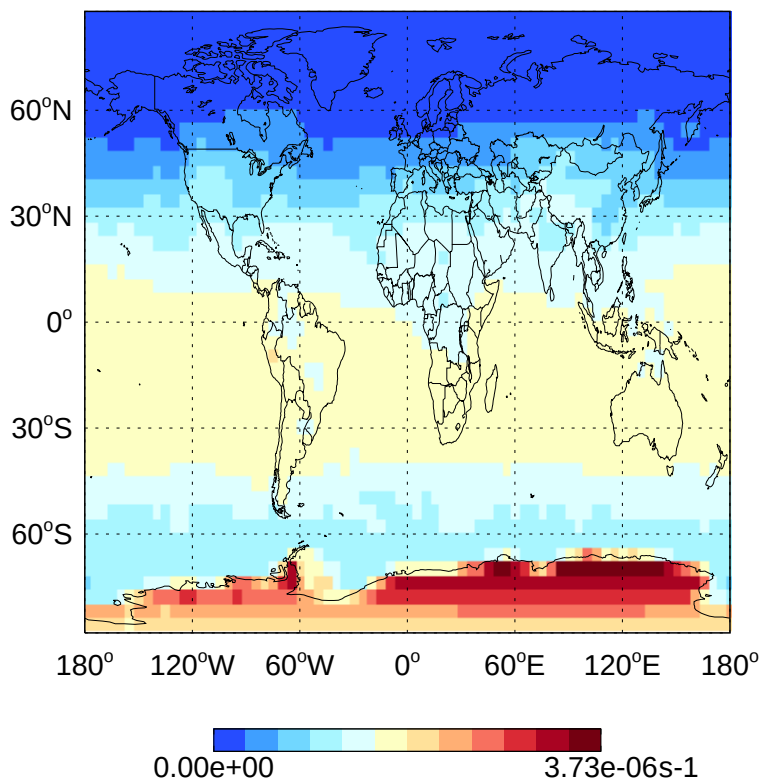
v11-02e-Run0

JMVK - J-Value @ 500 hPa for Jan



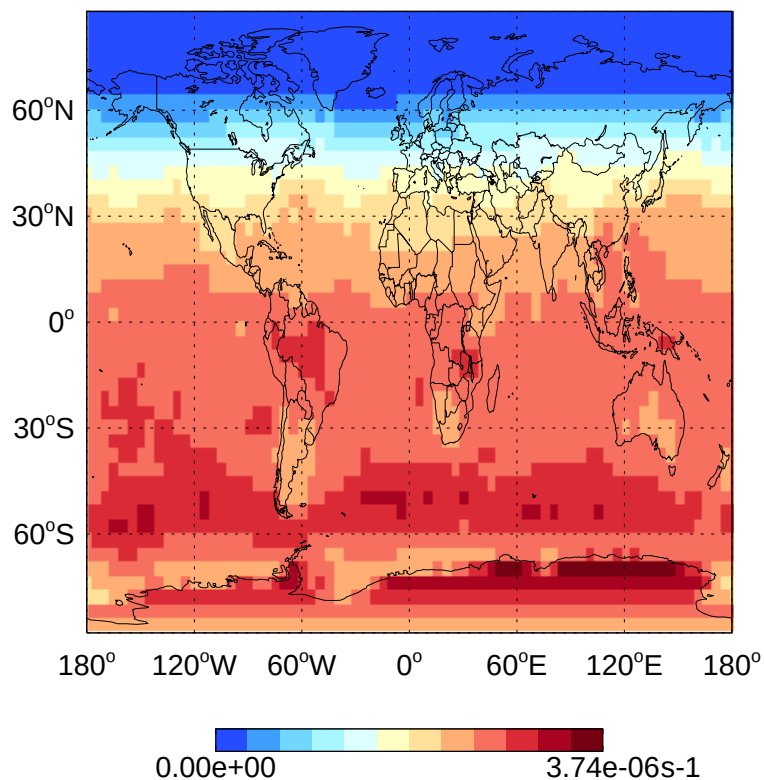
v11-02c-Run0

JMACR - J-Value @ surface for Jan



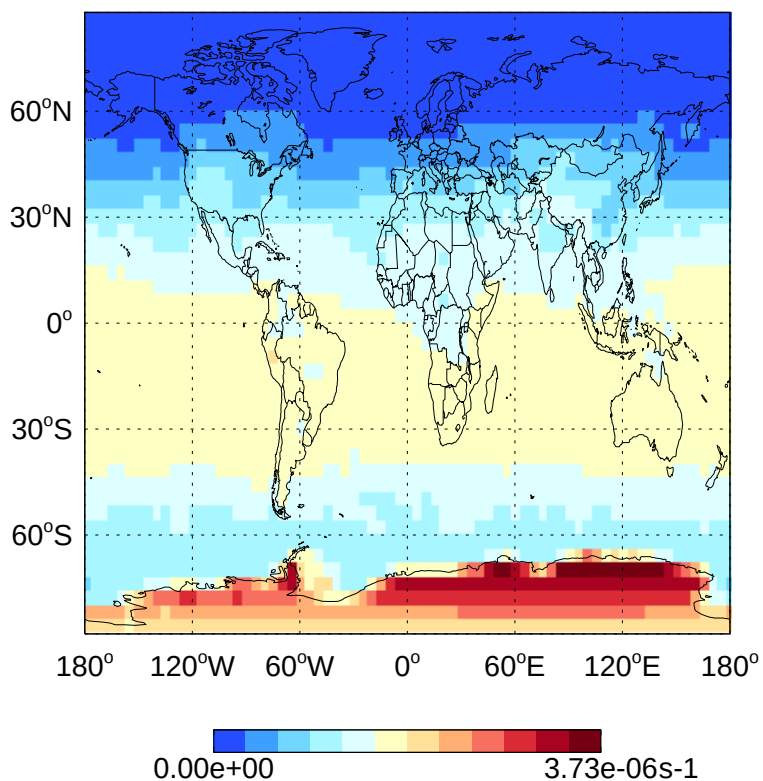
v11-02c-Run0

JMACR - J-Value @ 500 hPa for Jan



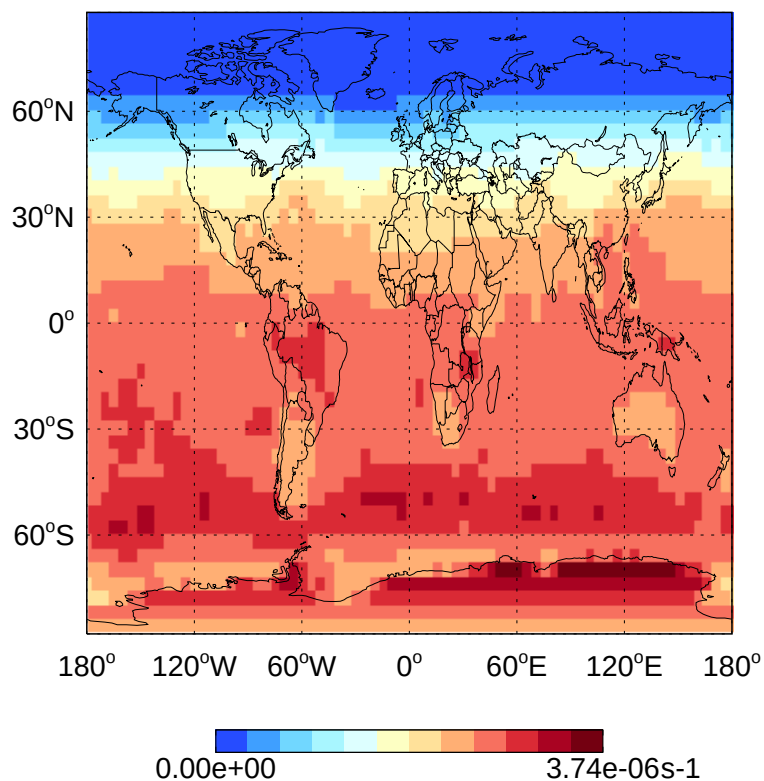
v11-02d-Run1

JMACR - J-Value @ surface for Jan



v11-02d-Run1

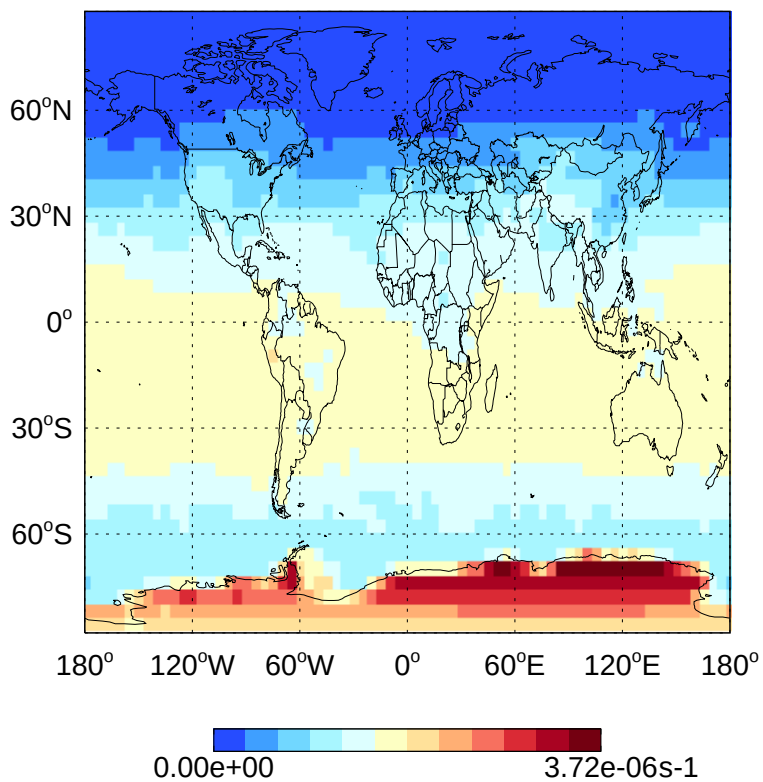
JMACR - J-Value @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

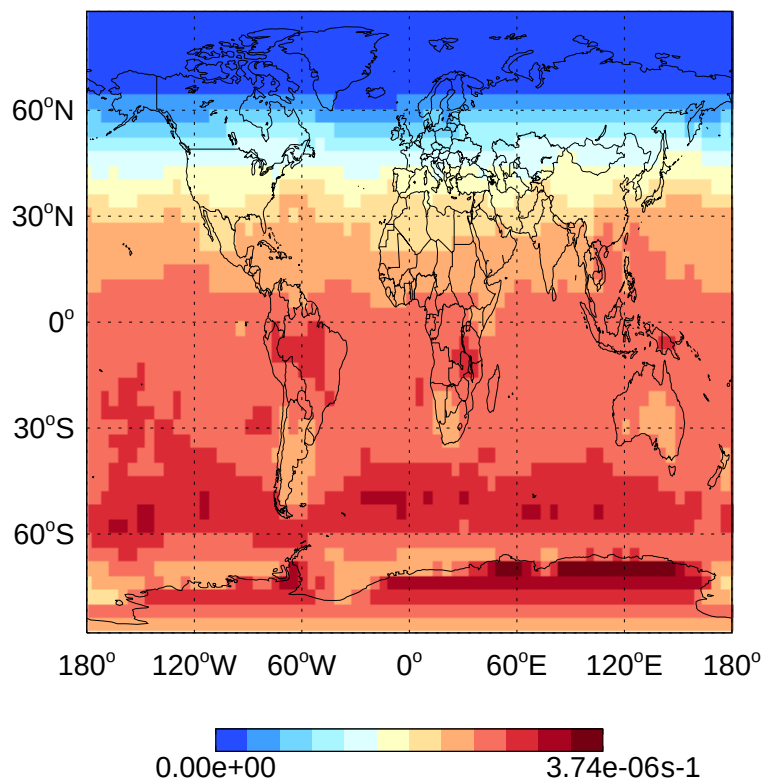
v11-02e-Run0

JMACR - J-Value @ surface for Jan



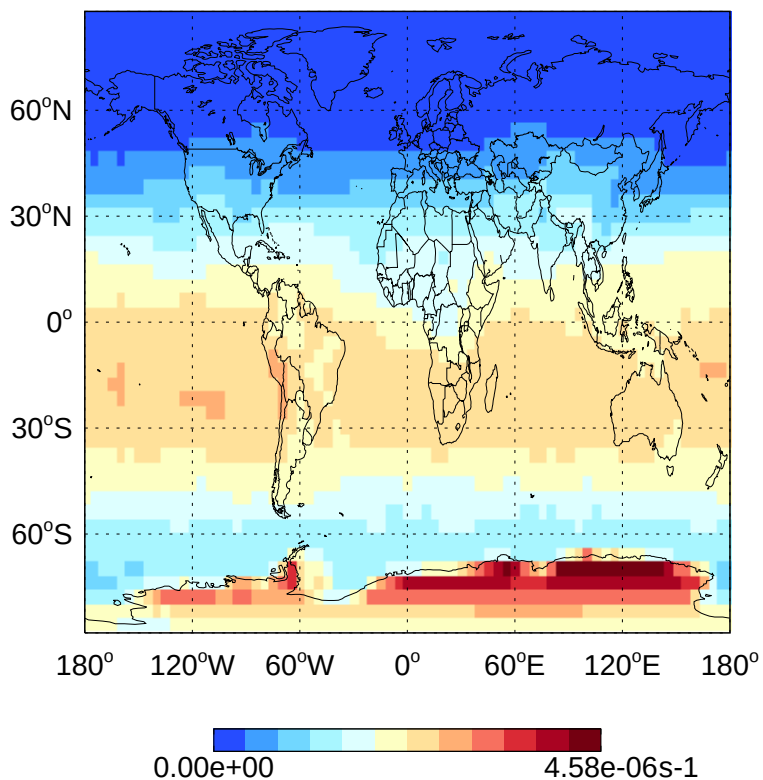
v11-02e-Run0

JMACR - J-Value @ 500 hPa for Jan



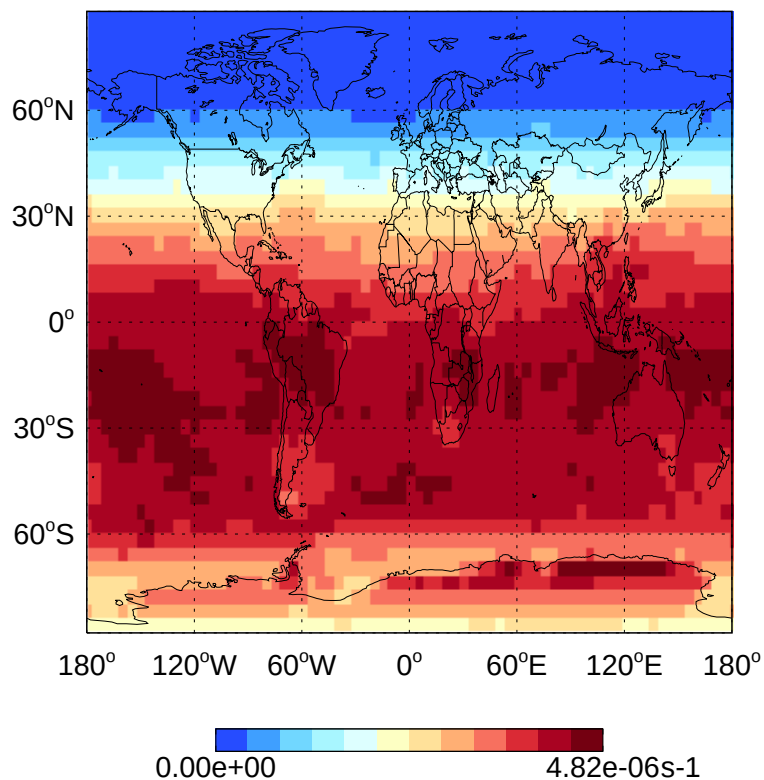
v11-02c-Run0

JHAC - J-Value @ surface for Jan



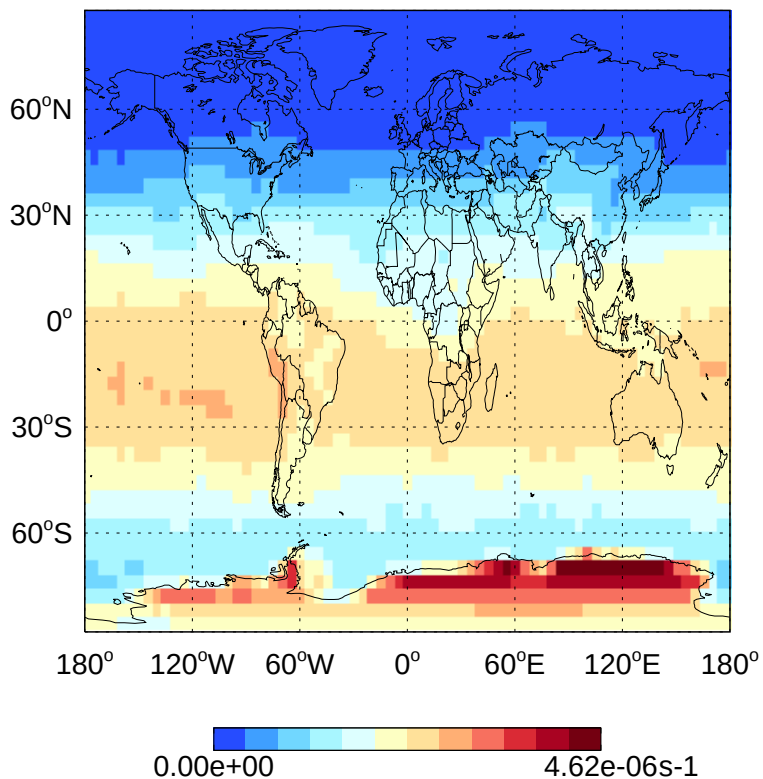
v11-02c-Run0

JHAC - J-Value @ 500 hPa for Jan



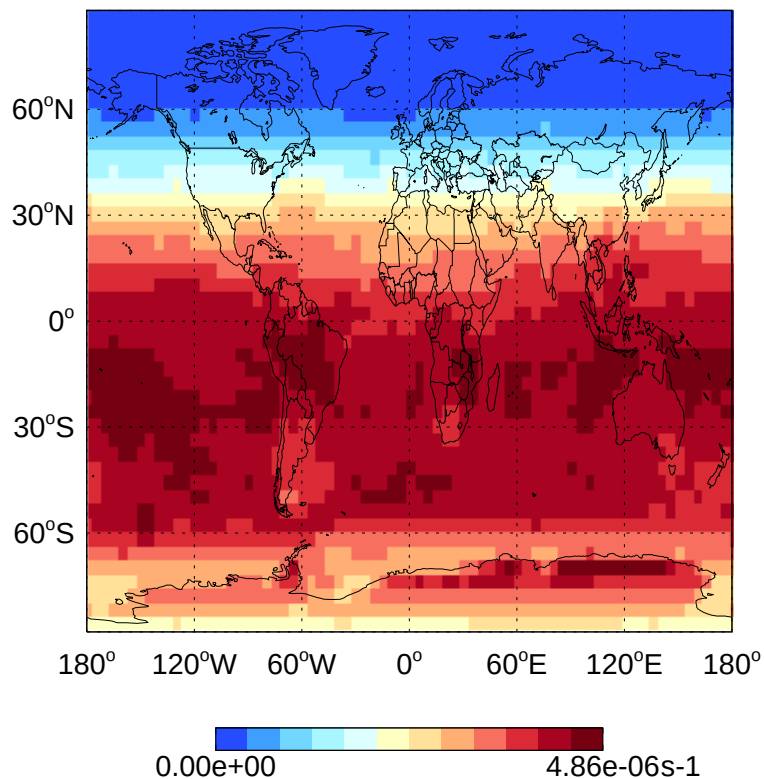
v11-02d-Run1

JHAC - J-Value @ surface for Jan



v11-02d-Run1

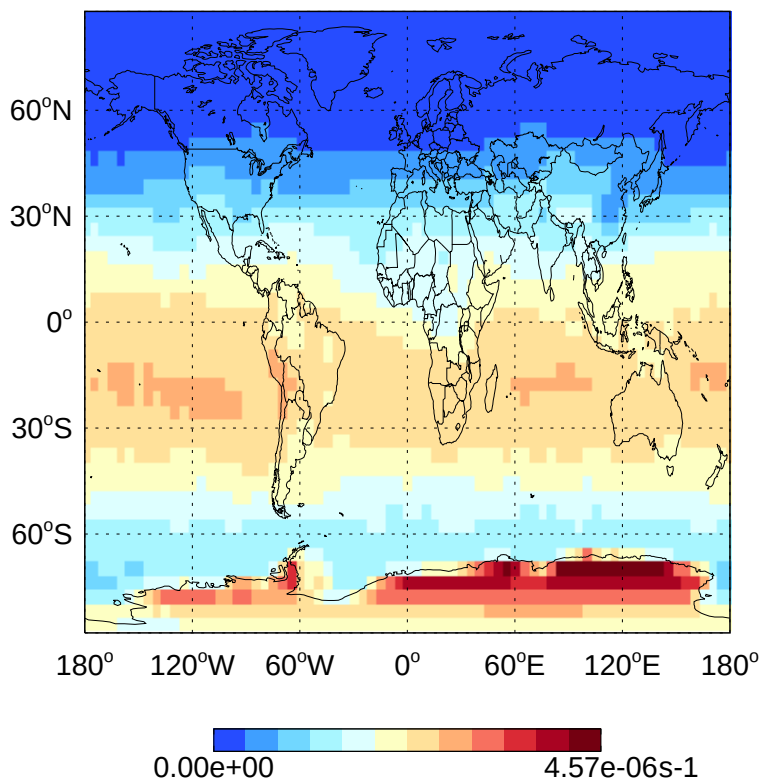
JHAC - J-Value @ 500 hPa for Jan



# GEOS-Chem J-Values at surface and 500 hPa

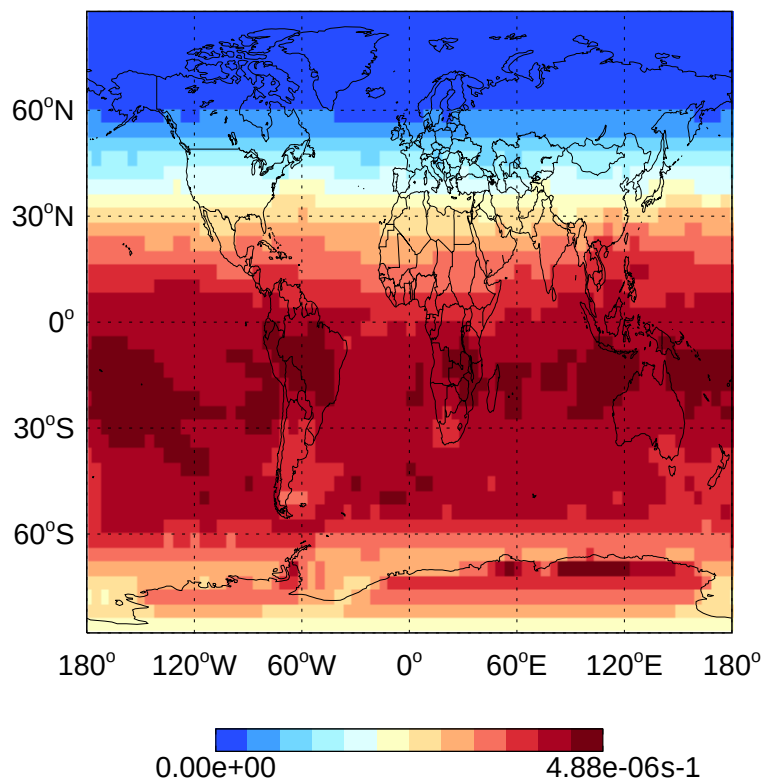
v11-02e-Run0

JHAC - J-Value @ surface for Jan



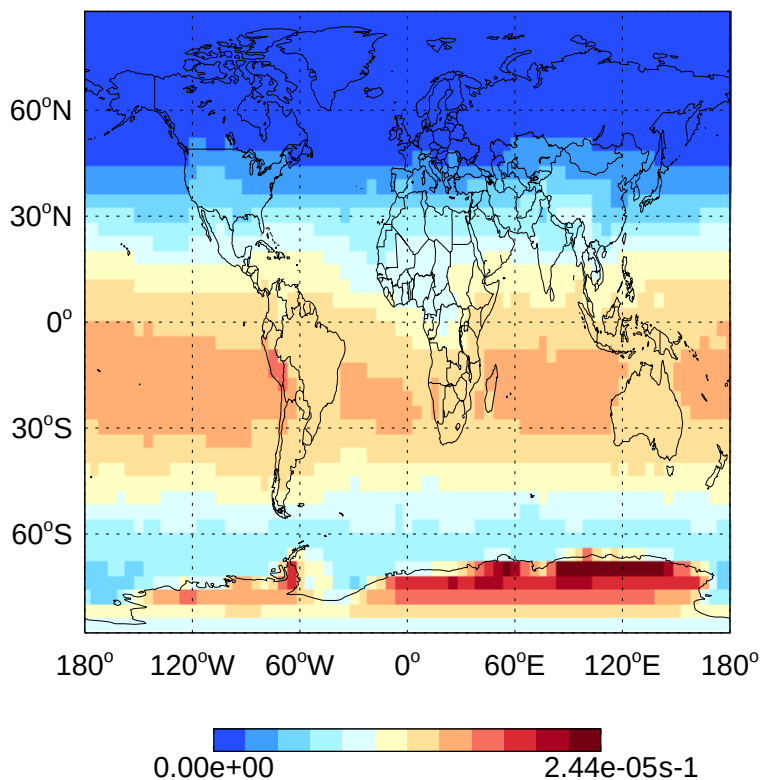
v11-02e-Run0

JHAC - J-Value @ 500 hPa for Jan



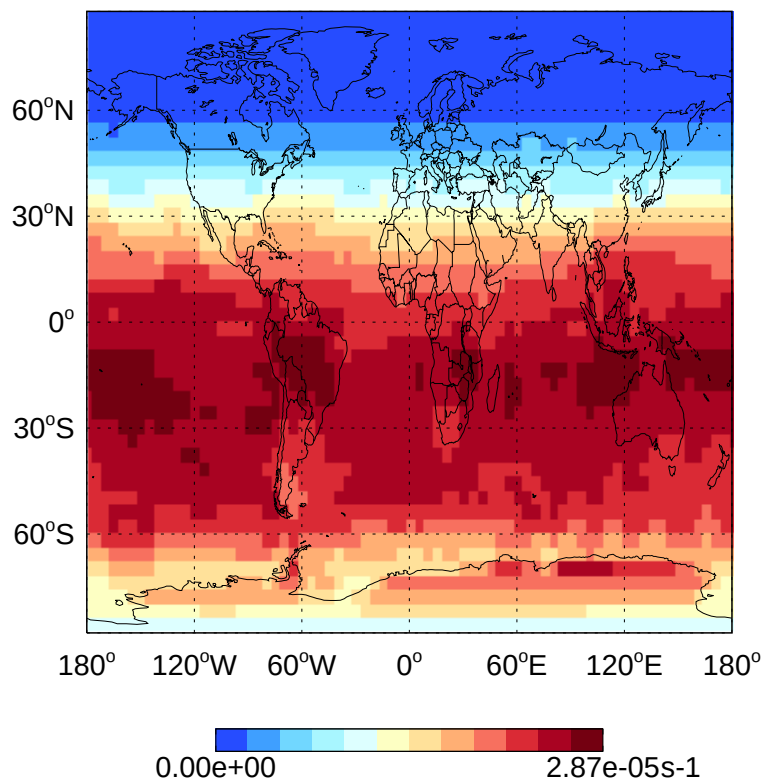
v11-02c-Run0

JGLYC - J-Value @ surface for Jan



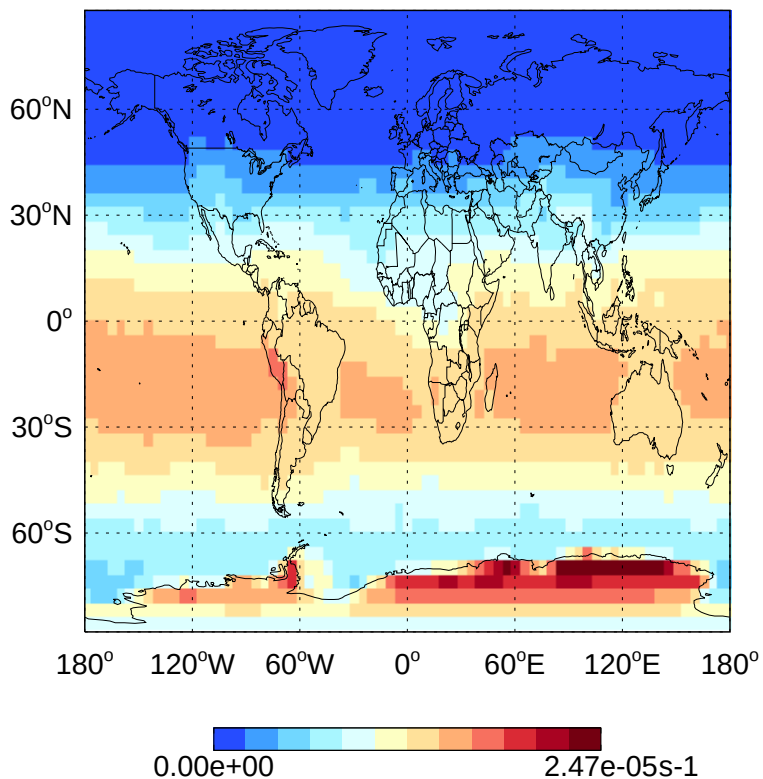
v11-02c-Run0

JGLYC - J-Value @ 500 hPa for Jan



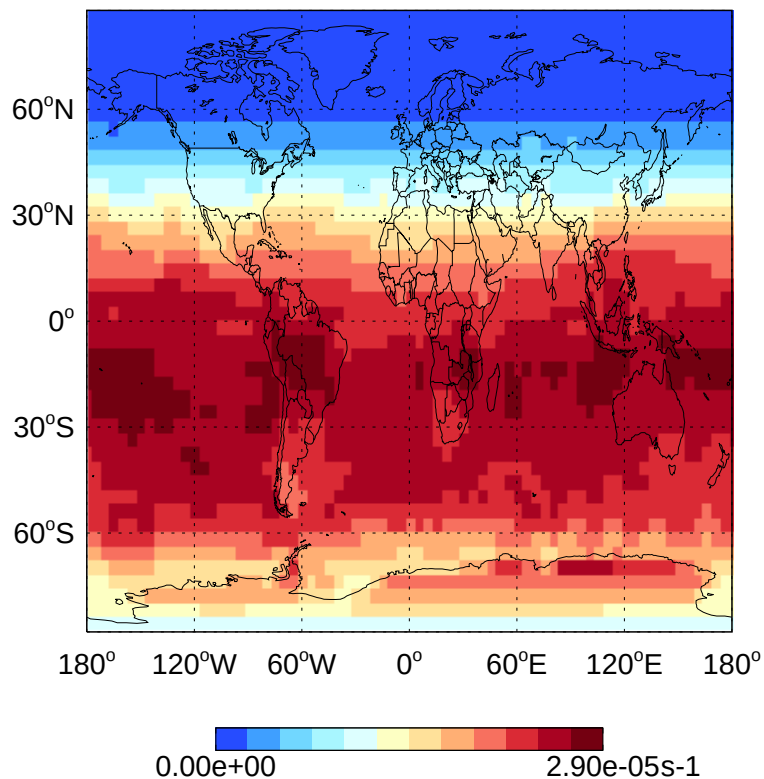
v11-02d-Run1

JGLYC - J-Value @ surface for Jan



v11-02d-Run1

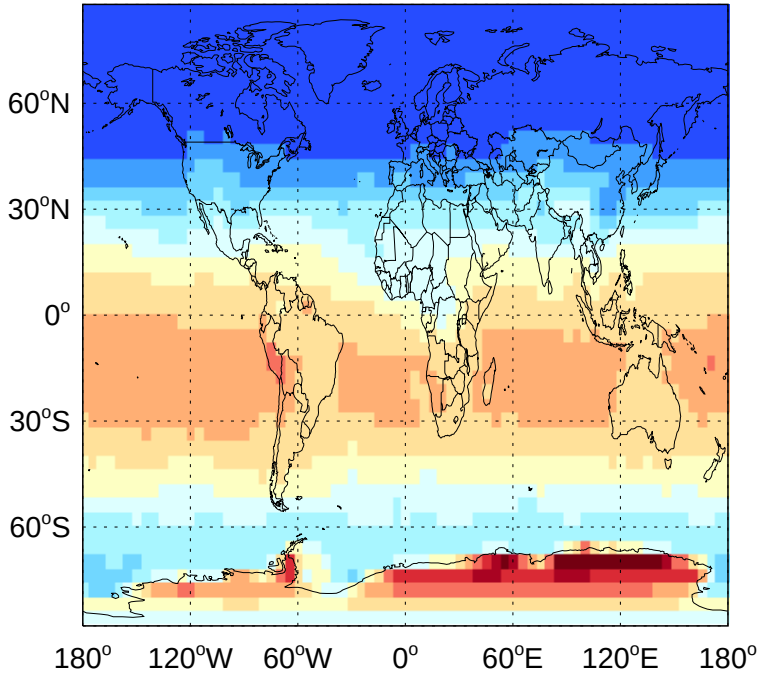
JGLYC - J-Value @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

v11-02e-Run0

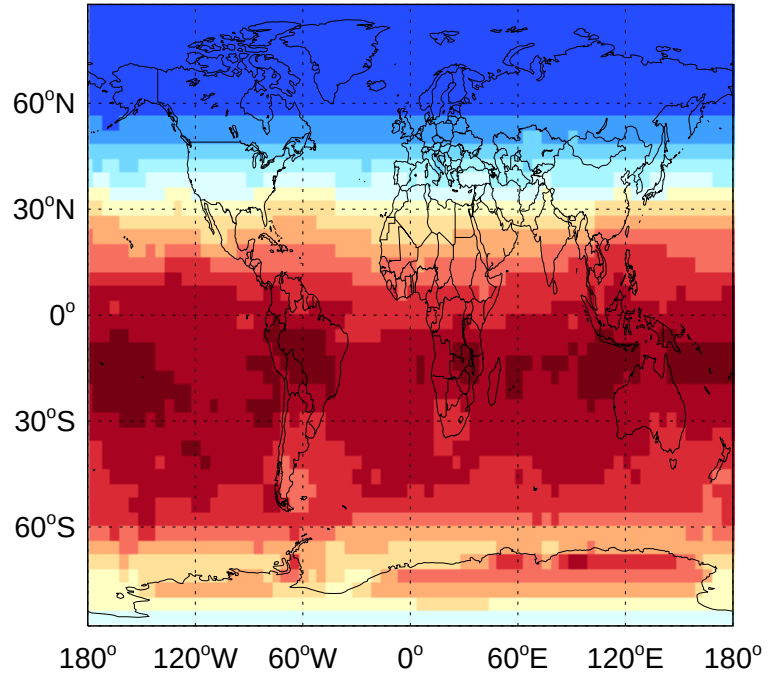
JGLYC - J-Value @ surface for Jan



0.00e+00 2.43e-05s-1

v11-02e-Run0

JGLYC - J-Value @ 500 hPa for Jan



0.00e+00 2.92e-05s-1