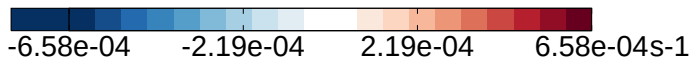
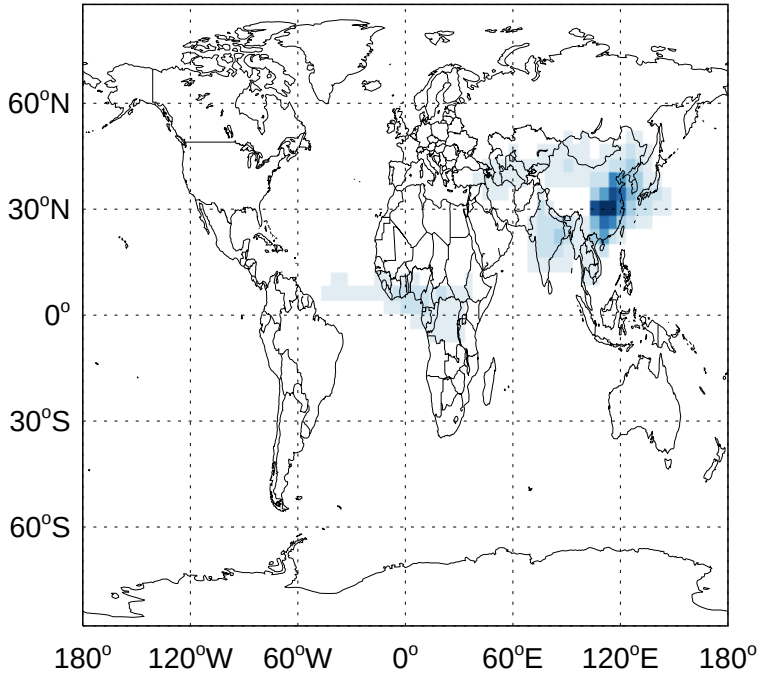


GEOS-Chem J-Values at surface and 500 hPa

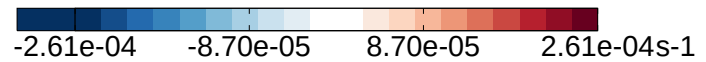
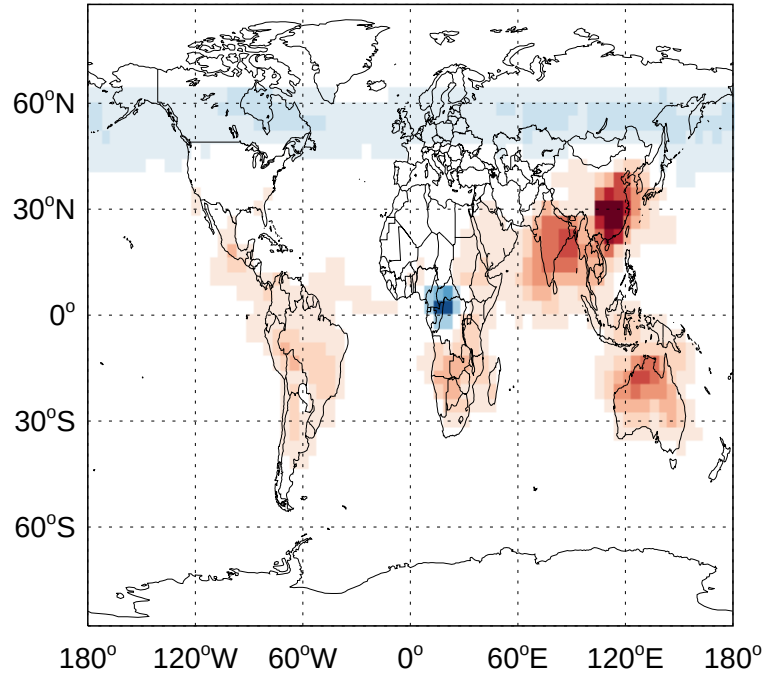
v11-02e-Run0 - v11-02d-Run1

JNO2 - J-Value Diff @ surface for Jan



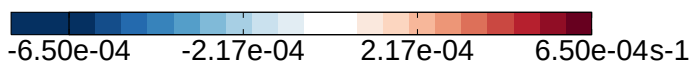
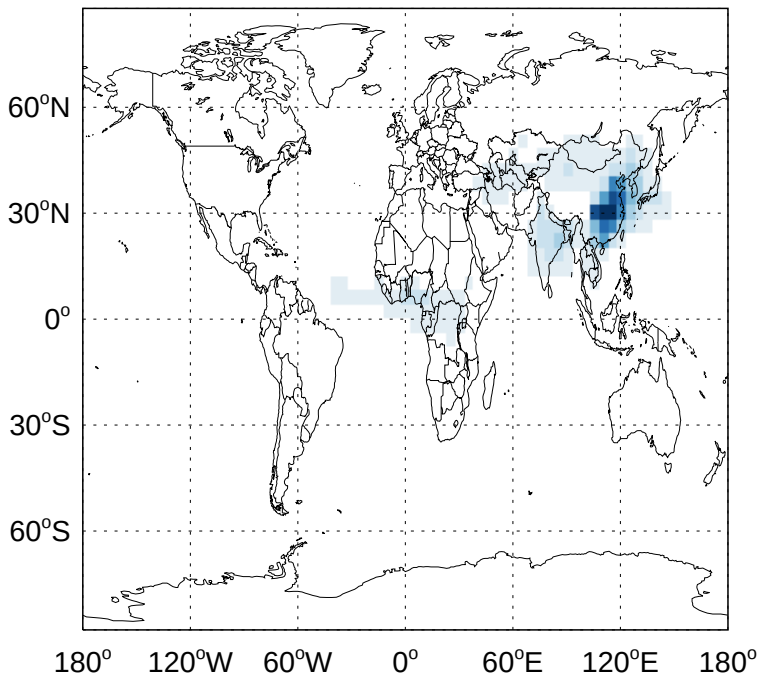
v11-02e-Run0 - v11-02d-Run1

JNO2 - J-Value Diff @ 500 hPa for Jan



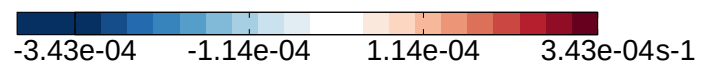
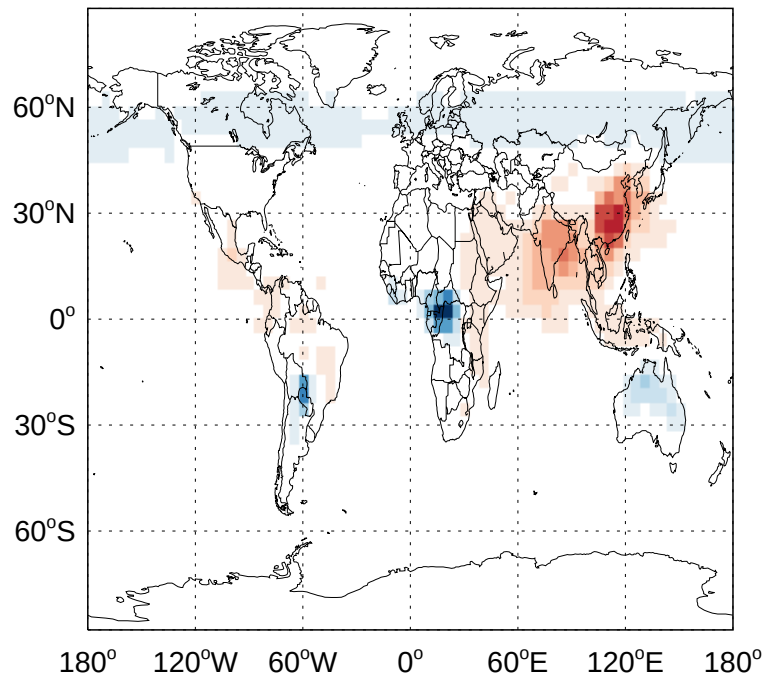
v11-02e-Run0 - v11-02c-Run0

JNO2 - J-Value Diff @ surface for Jan



v11-02e-Run0 - v11-02c-Run0

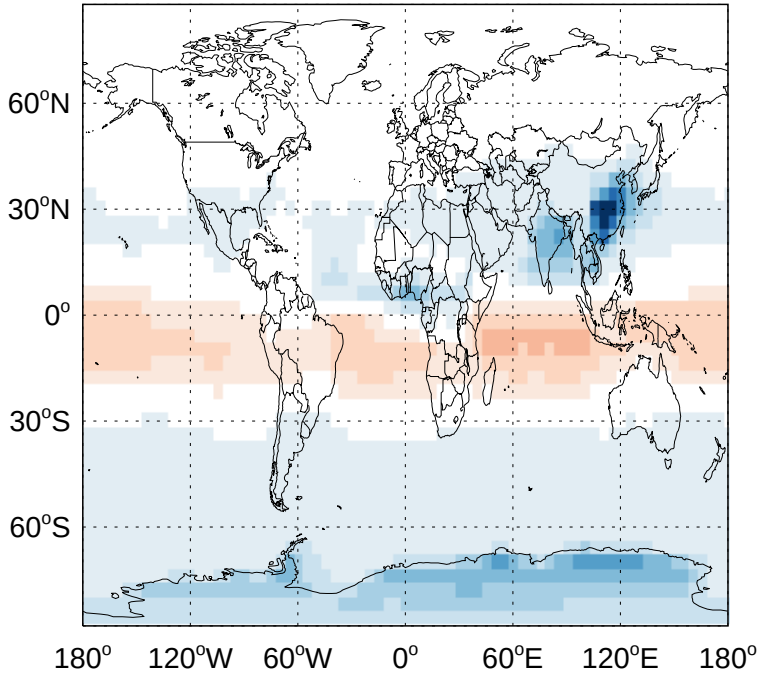
JNO2 - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

v11-02e-Run0 - v11-02d-Run1

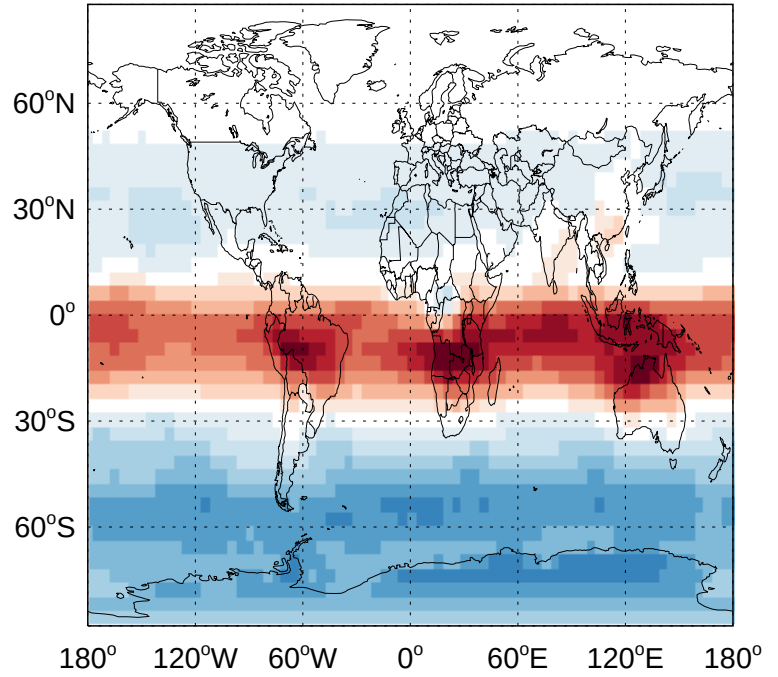
JHNO3 - J-Value Diff @ surface for Jan



-3.49e-08 -1.16e-08 1.16e-08 3.49e-08s-1

v11-02e-Run0 - v11-02d-Run1

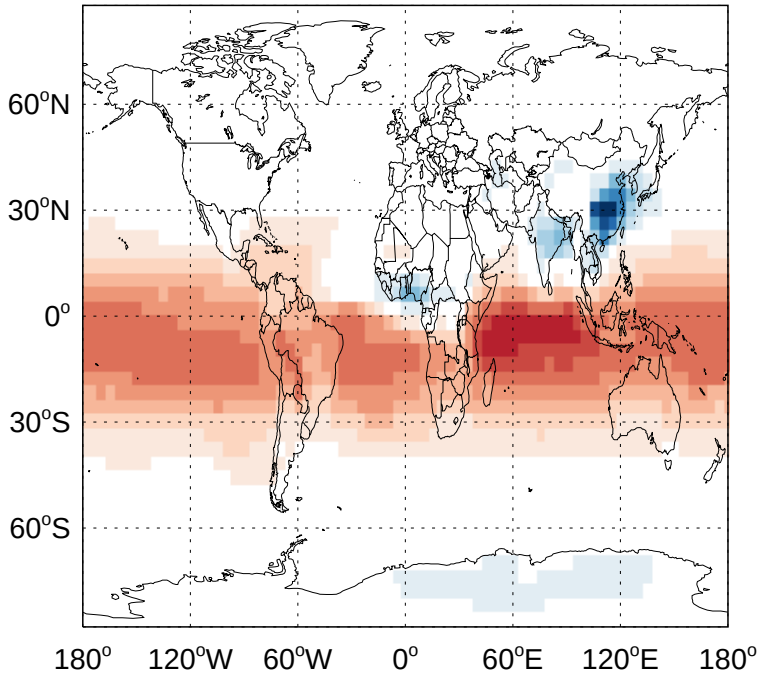
JHNO3 - J-Value Diff @ 500 hPa for Jan



-2.49e-08 -8.31e-09 8.31e-09 2.49e-08s-1

v11-02e-Run0 - v11-02c-Run0

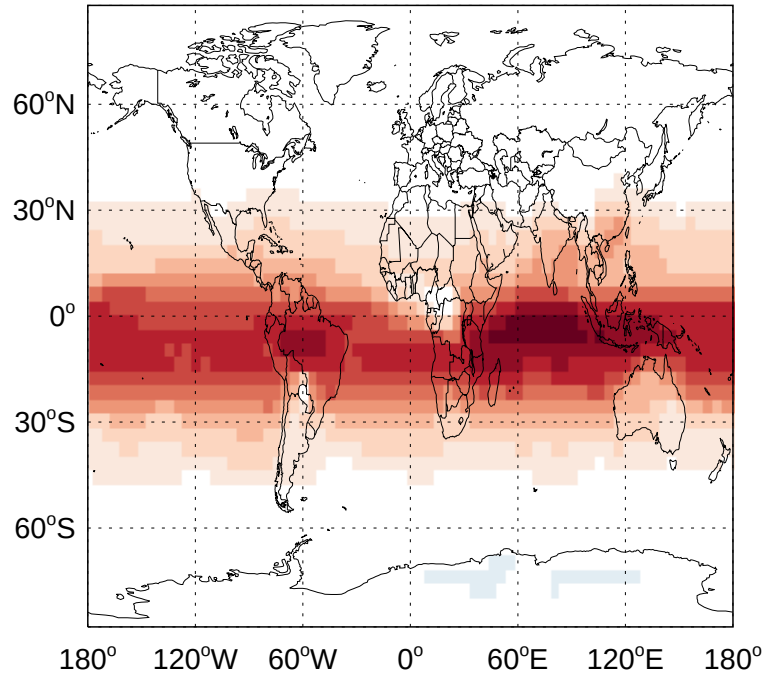
JHNO3 - J-Value Diff @ surface for Jan



-3.23e-08 -1.08e-08 1.08e-08 3.23e-08s-1

v11-02e-Run0 - v11-02c-Run0

JHNO3 - J-Value Diff @ 500 hPa for Jan

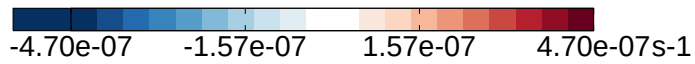
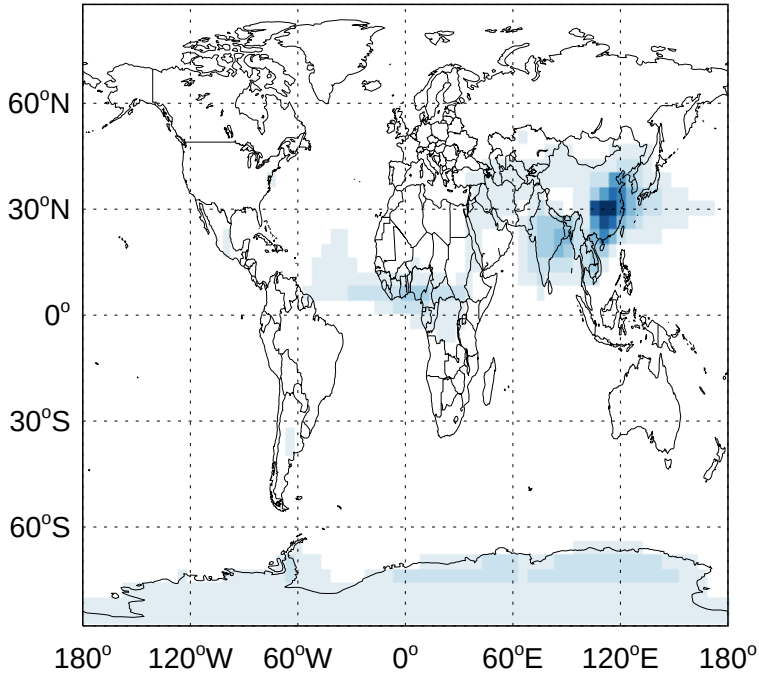


-3.91e-08 -1.30e-08 1.30e-08 3.91e-08s-1

GEOS-Chem J-Values at surface and 500 hPa

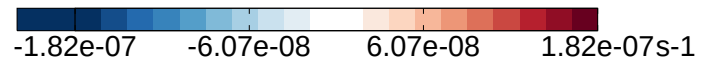
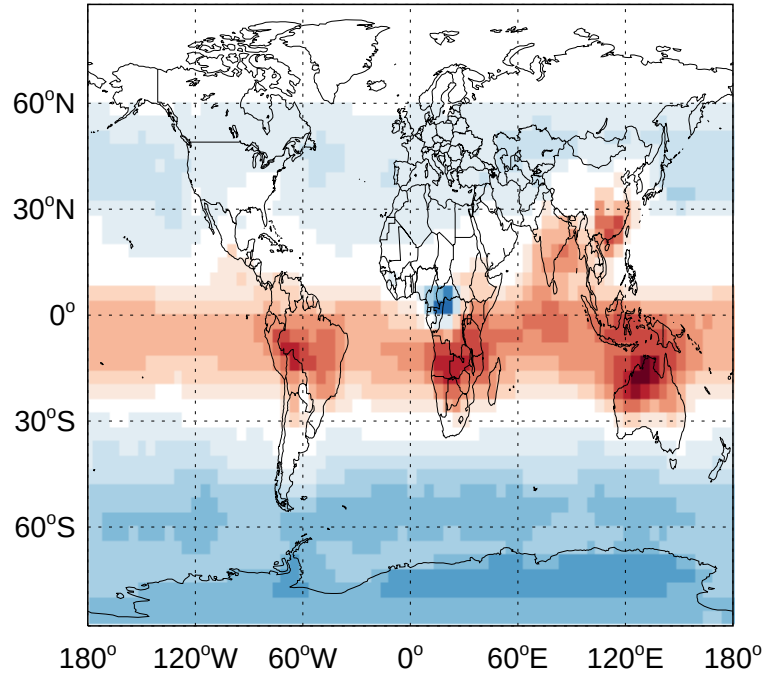
v11-02e-Run0 - v11-02d-Run1

JH2O2 - J-Value Diff @ surface for Jan



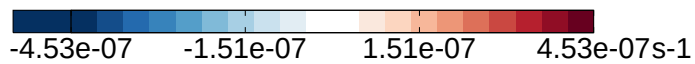
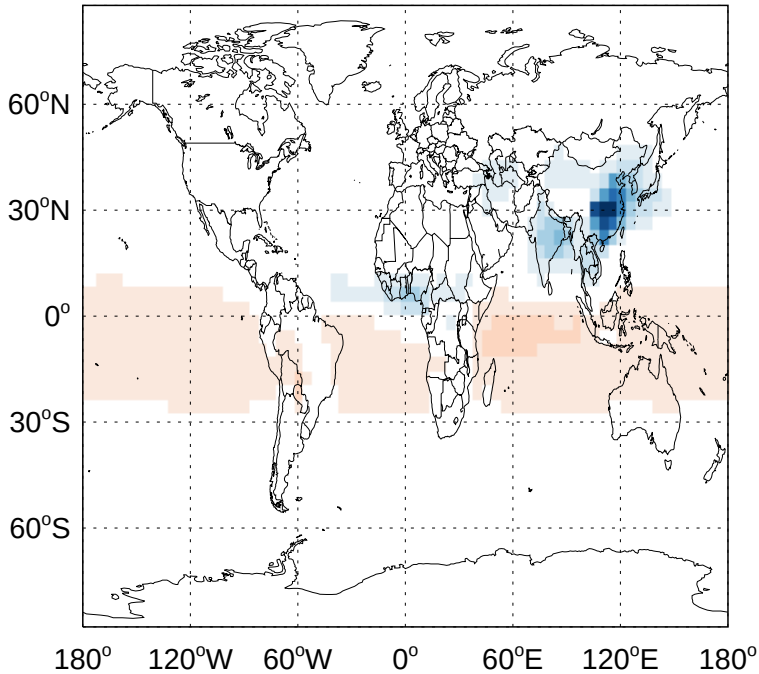
v11-02e-Run0 - v11-02d-Run1

JH2O2 - J-Value Diff @ 500 hPa for Jan



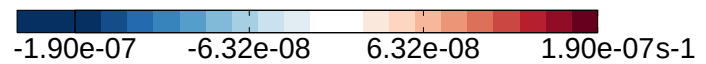
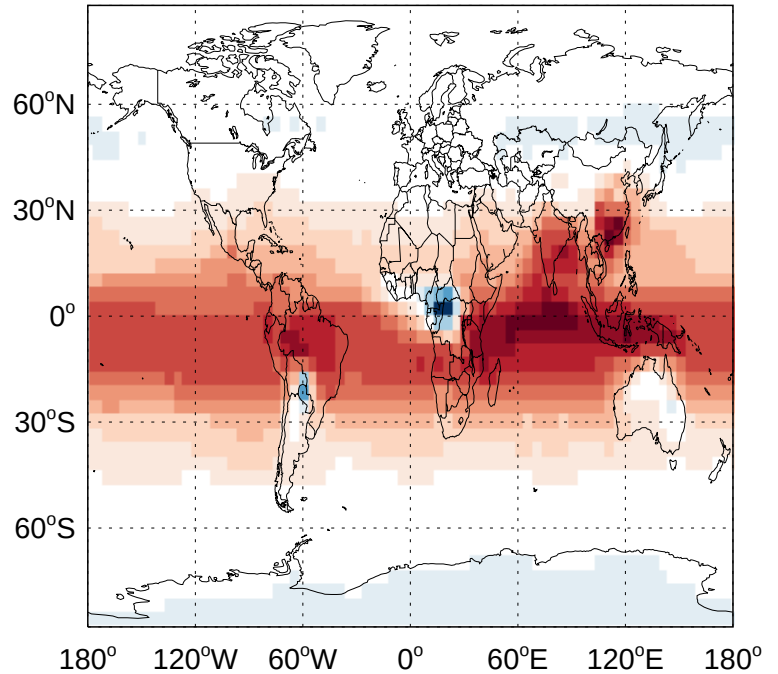
v11-02e-Run0 - v11-02c-Run0

JH2O2 - J-Value Diff @ surface for Jan



v11-02e-Run0 - v11-02c-Run0

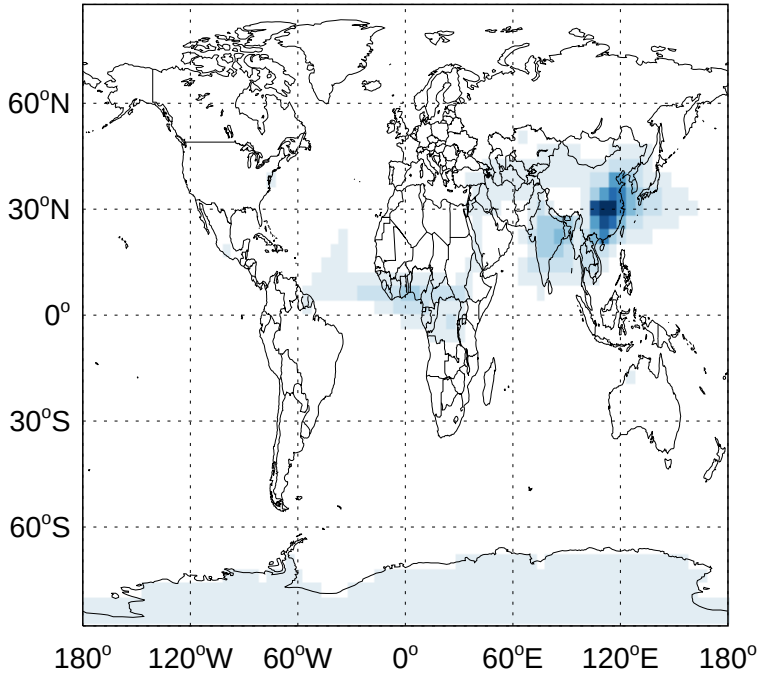
JH2O2 - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

v11-02e-Run0 - v11-02d-Run1

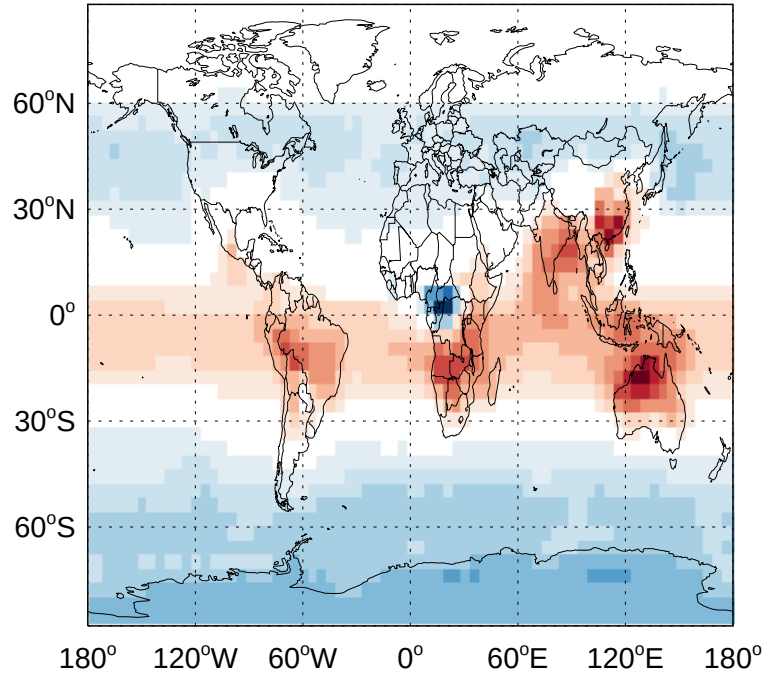
JCH2O - J-Value Diff @ surface for Jan



-5.98e-06 -1.99e-06 1.99e-06 5.98e-06s-1

v11-02e-Run0 - v11-02d-Run1

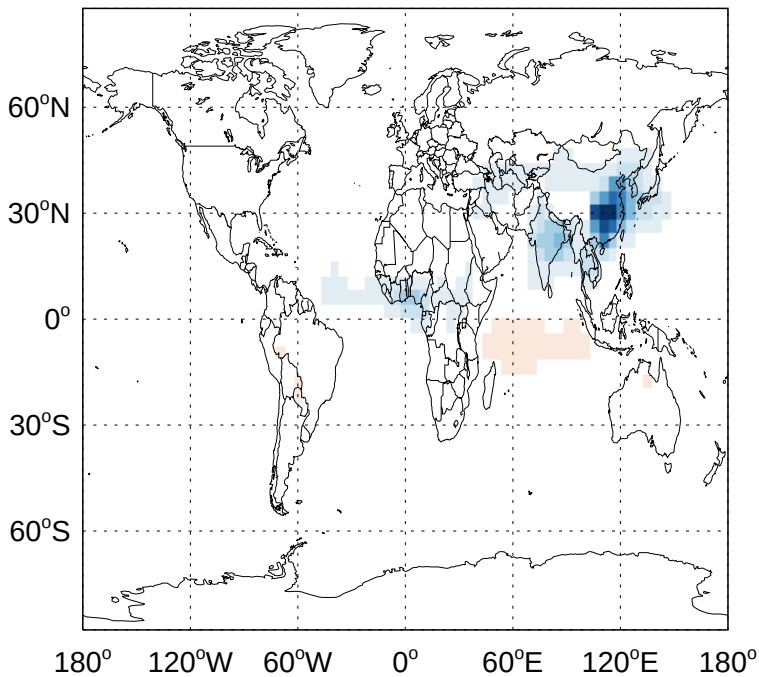
JCH2O - J-Value Diff @ 500 hPa for Jan



-2.03e-06 -6.76e-07 6.76e-07 2.03e-06s-1

v11-02e-Run0 - v11-02c-Run0

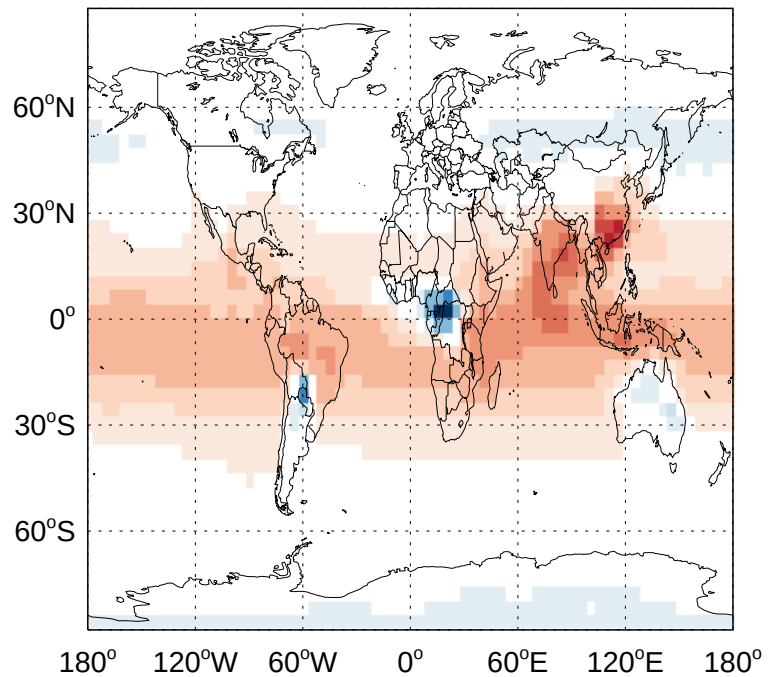
JCH2O - J-Value Diff @ surface for Jan



-5.81e-06 -1.94e-06 1.94e-06 5.81e-06s-1

v11-02e-Run0 - v11-02c-Run0

JCH2O - J-Value Diff @ 500 hPa for Jan

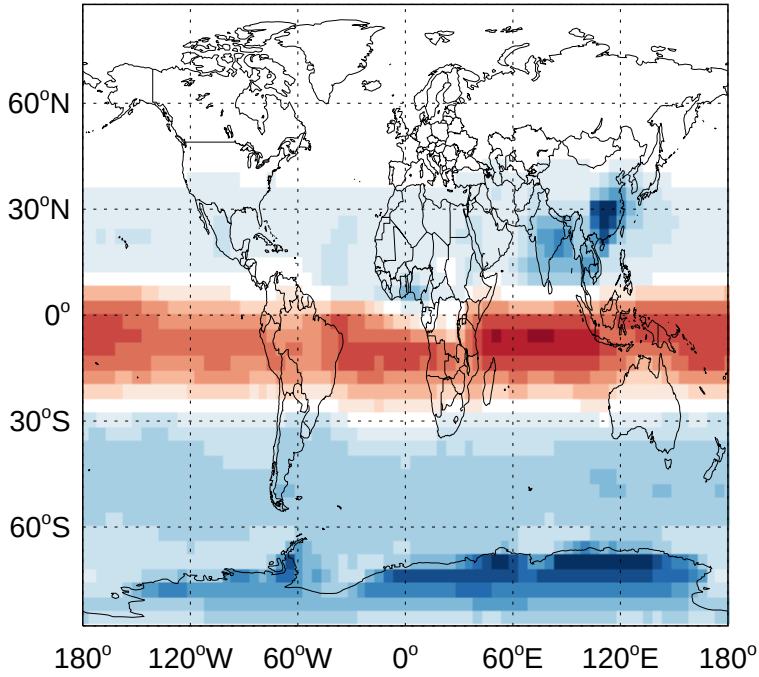


-2.84e-06 -9.45e-07 9.45e-07 2.84e-06s-1

GEOS-Chem J-Values at surface and 500 hPa

v11-02e-Run0 - v11-02d-Run1

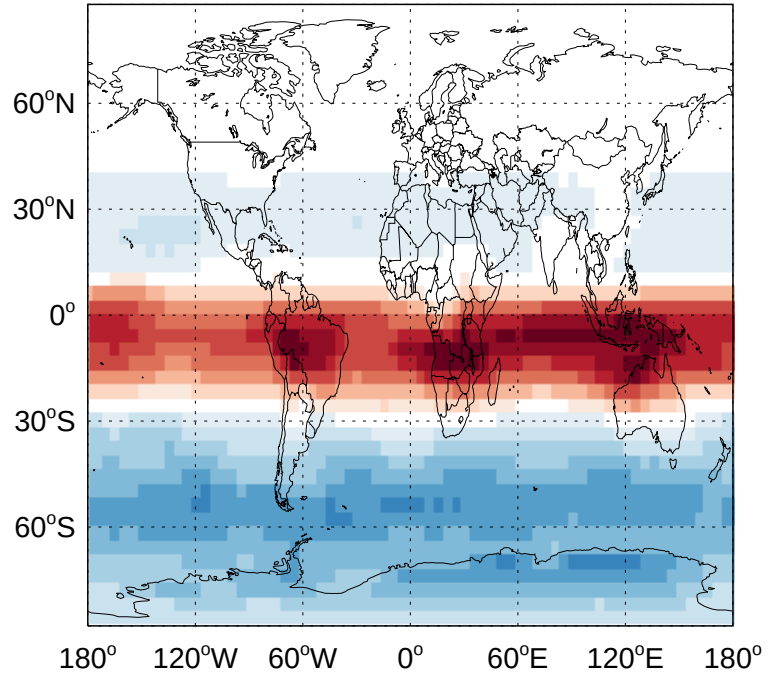
JO3_O1D - J-Value Diff @ surface for Jan



-1.50e-06 -5.00e-07 5.00e-07 1.50e-06s-1

v11-02e-Run0 - v11-02d-Run1

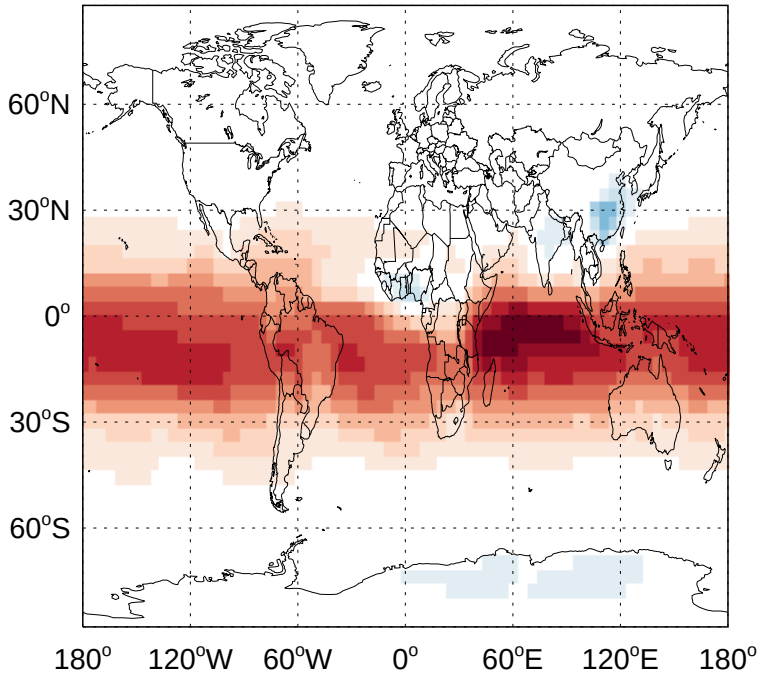
JO3_O1D - J-Value Diff @ 500 hPa for Jan



-2.37e-06 -7.90e-07 7.90e-07 2.37e-06s-1

v11-02e-Run0 - v11-02c-Run0

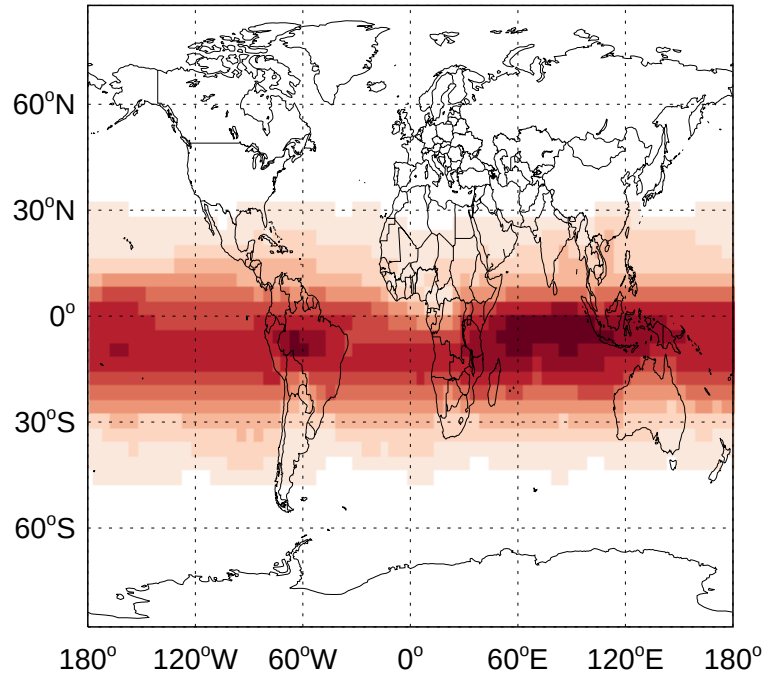
JO3_O1D - J-Value Diff @ surface for Jan



-2.64e-06 -8.81e-07 8.81e-07 2.64e-06s-1

v11-02e-Run0 - v11-02c-Run0

JO3_O1D - J-Value Diff @ 500 hPa for Jan

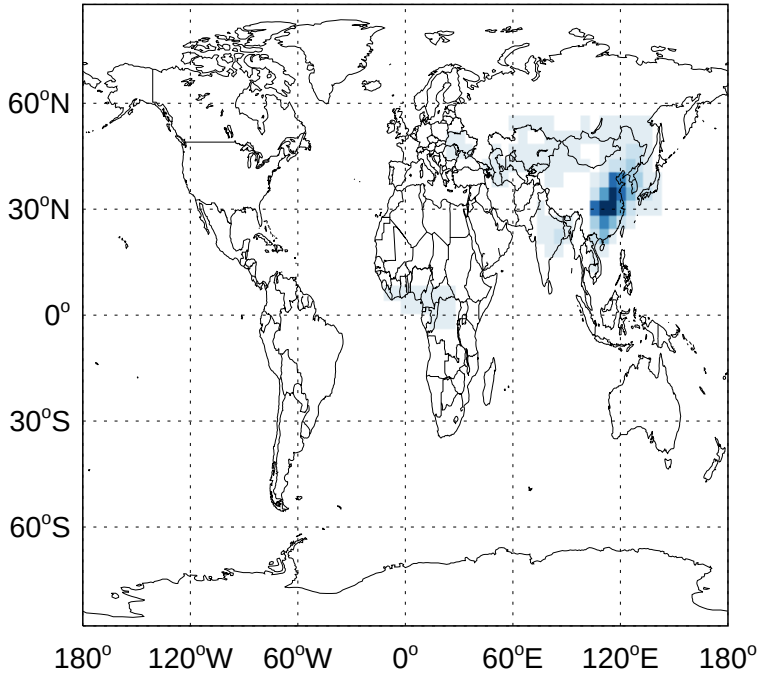


-4.05e-06 -1.35e-06 1.35e-06 4.05e-06s-1

GEOS-Chem J-Values at surface and 500 hPa

v11-02e-Run0 - v11-02d-Run1

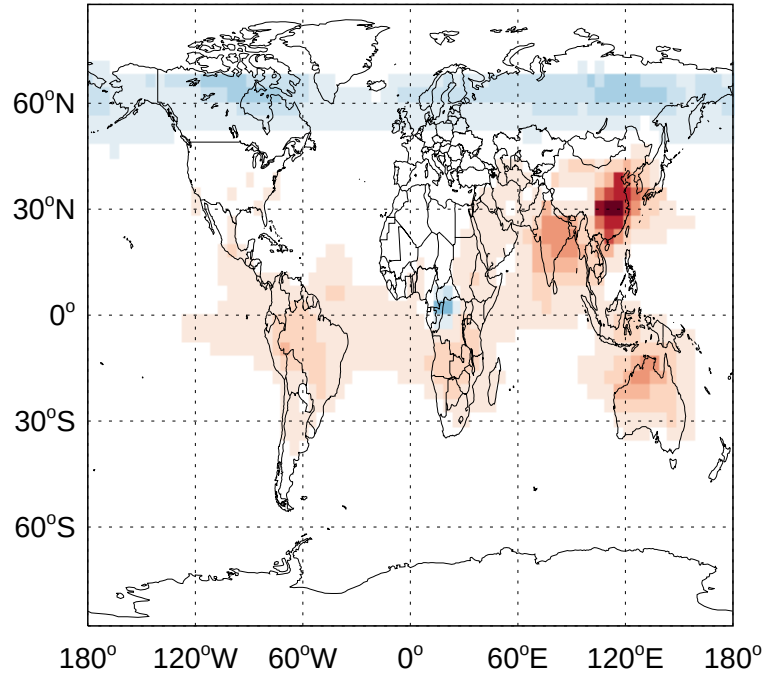
JO3_O3P - J-Value Diff @ surface for Jan



-2.93e-05 -9.78e-06 9.78e-06 2.93e-05s-1

v11-02e-Run0 - v11-02d-Run1

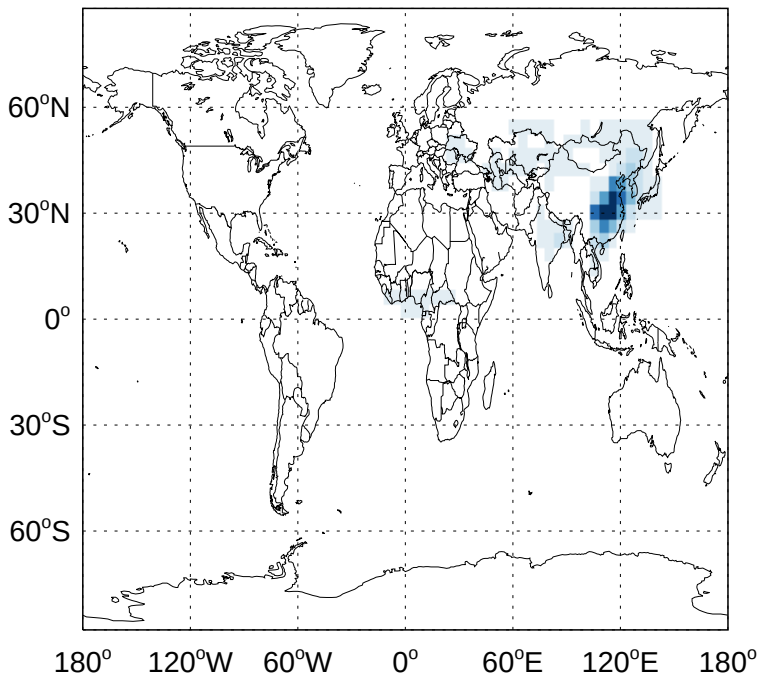
JO3_O3P - J-Value Diff @ 500 hPa for Jan



-1.55e-05 -5.16e-06 5.16e-06 1.55e-05s-1

v11-02e-Run0 - v11-02c-Run0

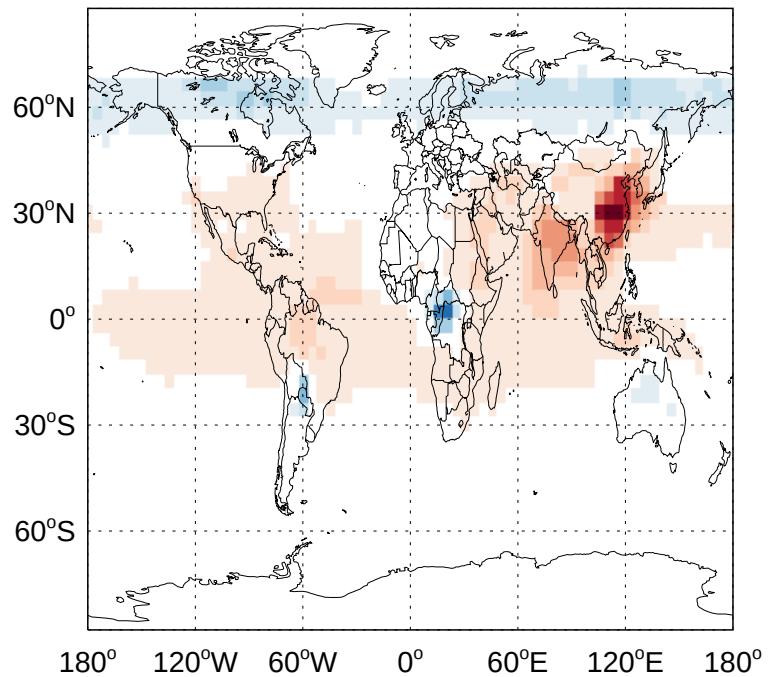
JO3_O3P - J-Value Diff @ surface for Jan



-2.89e-05 -9.62e-06 9.62e-06 2.89e-05s-1

v11-02e-Run0 - v11-02c-Run0

JO3_O3P - J-Value Diff @ 500 hPa for Jan

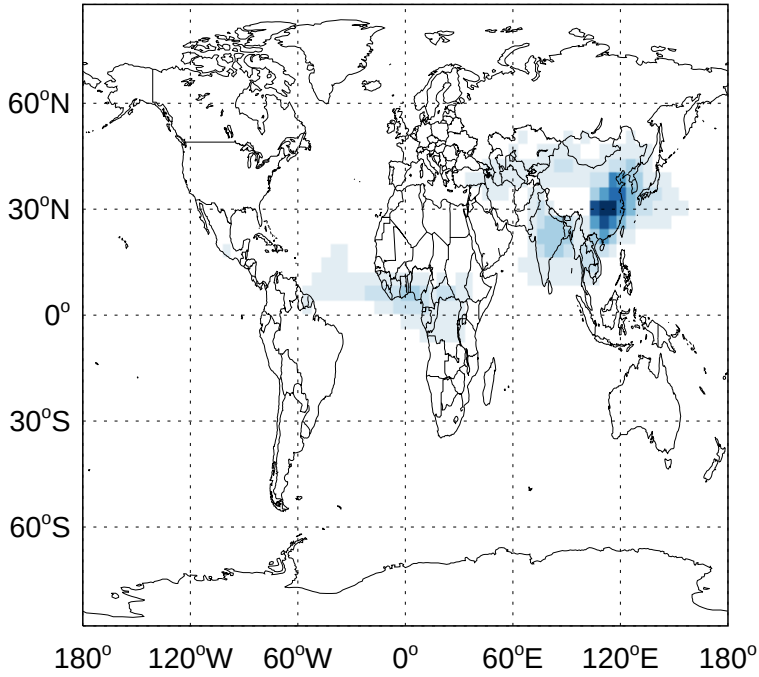


-1.59e-05 -5.29e-06 5.29e-06 1.59e-05s-1

GEOS-Chem J-Values at surface and 500 hPa

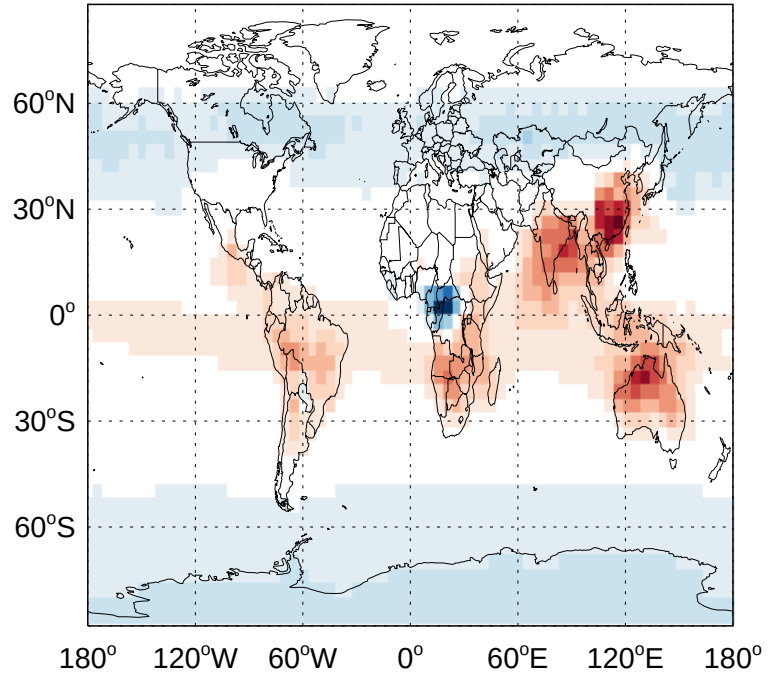
v11-02e-Run0 - v11-02d-Run1

JBrO - J-Value Diff @ surface for Jan



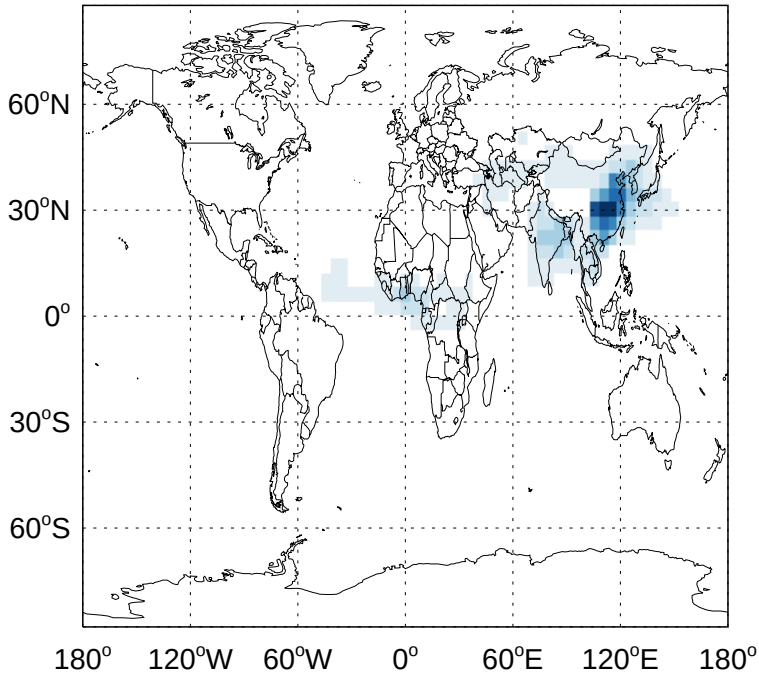
v11-02e-Run0 - v11-02d-Run1

JBrO - J-Value Diff @ 500 hPa for Jan



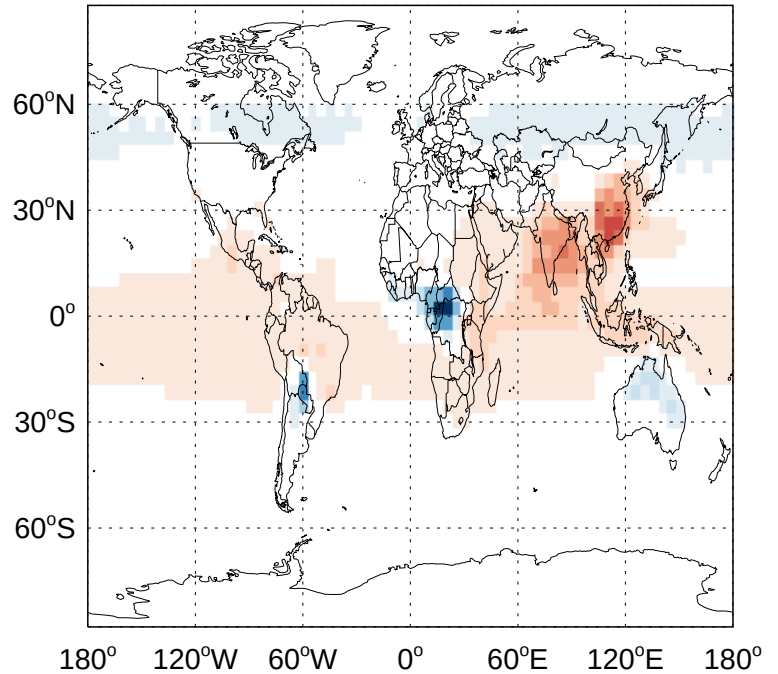
v11-02e-Run0 - v11-02c-Run0

JBrO - J-Value Diff @ surface for Jan



v11-02e-Run0 - v11-02c-Run0

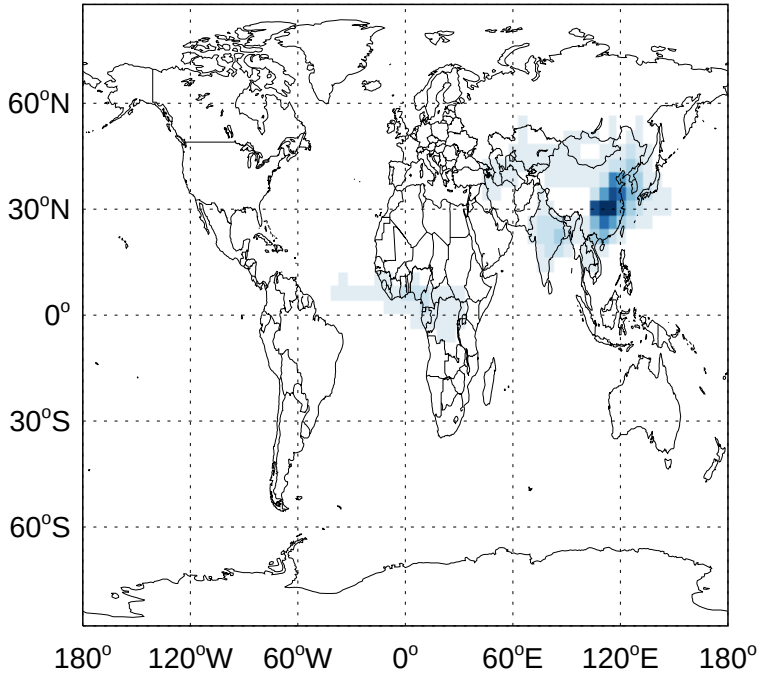
JBrO - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

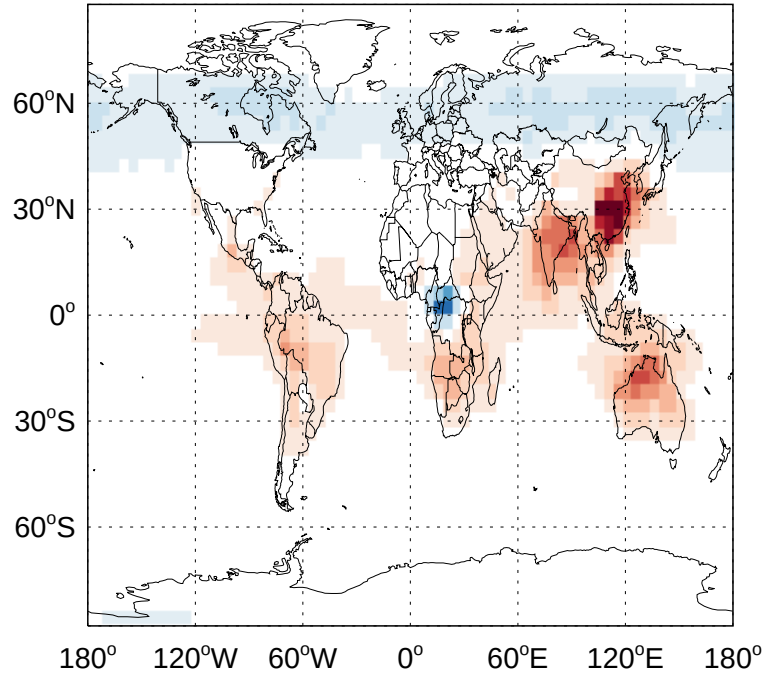
v11-02e-Run0 - v11-02d-Run1

JHOB_r - J-Value Diff @ surface for Jan



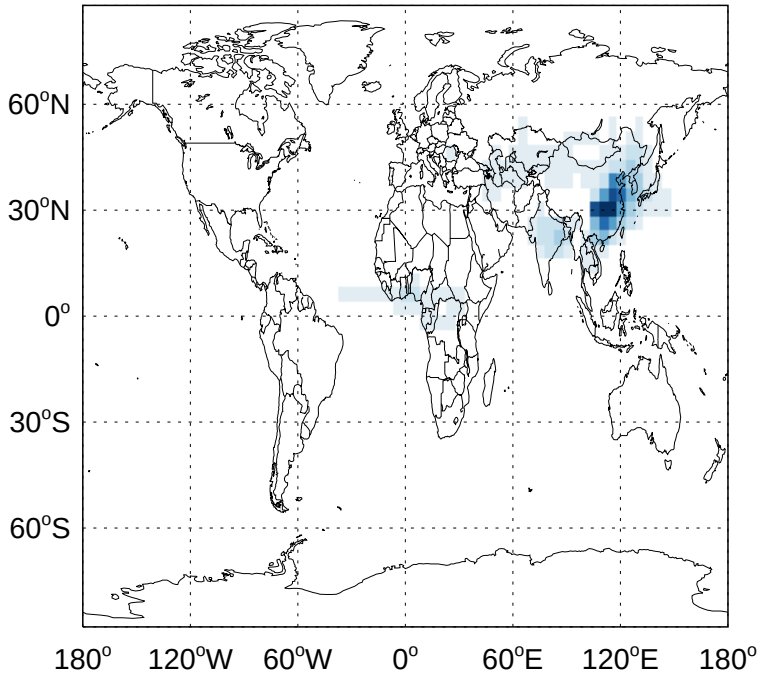
v11-02e-Run0 - v11-02d-Run1

JHOB_r - J-Value Diff @ 500 hPa for Jan



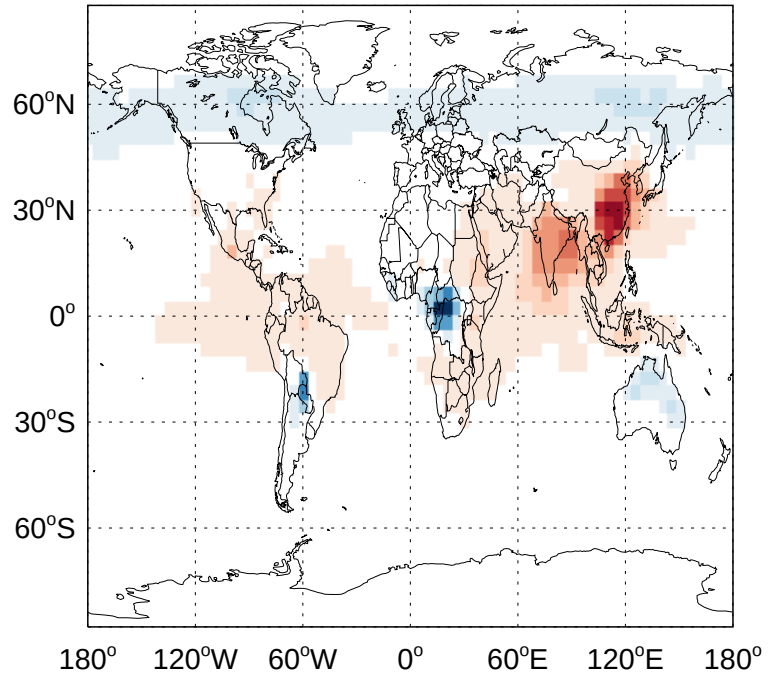
v11-02e-Run0 - v11-02c-Run0

JHOB_r - J-Value Diff @ surface for Jan



v11-02e-Run0 - v11-02c-Run0

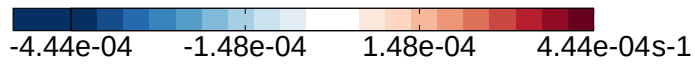
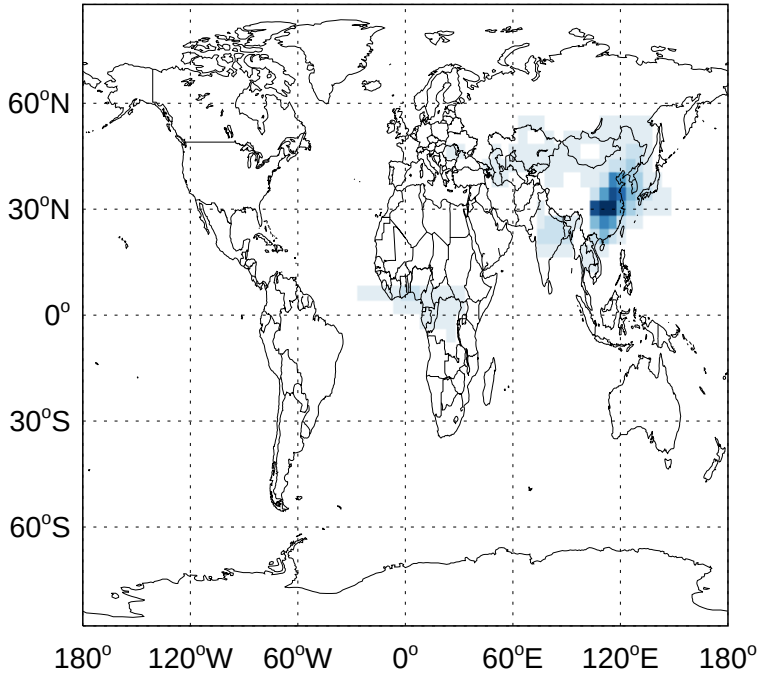
JHOB_r - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

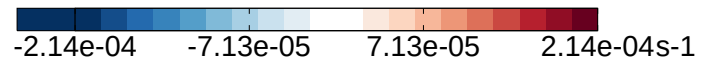
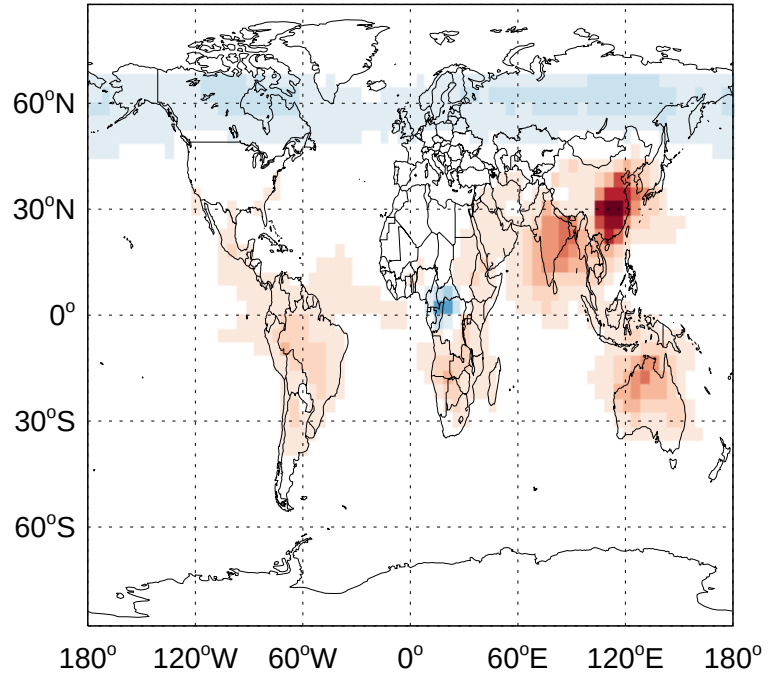
v11-02e-Run0 - v11-02d-Run1

JBrNO₂ - J-Value Diff @ surface for Jan



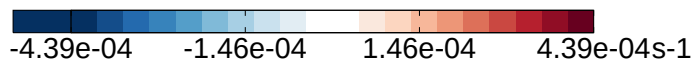
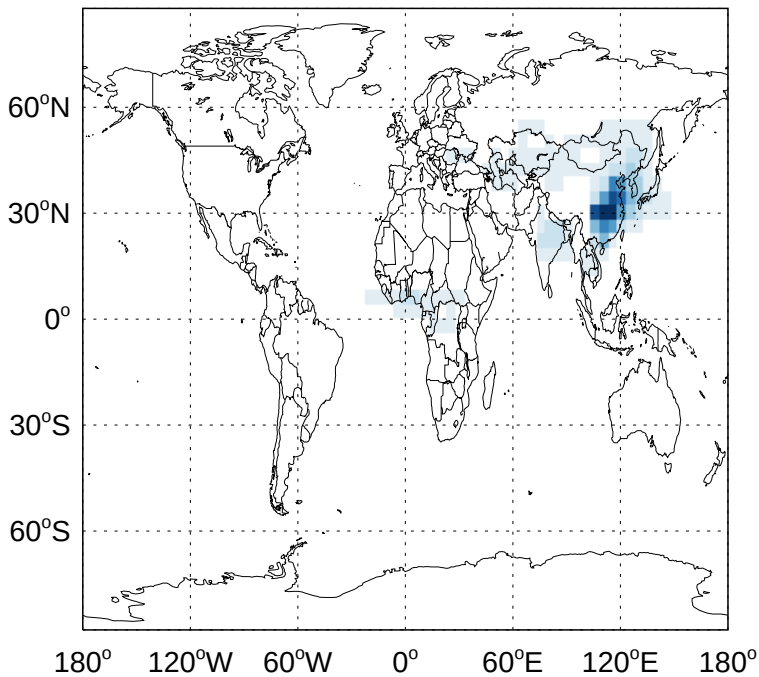
v11-02e-Run0 - v11-02d-Run1

JBrNO₂ - J-Value Diff @ 500 hPa for Jan



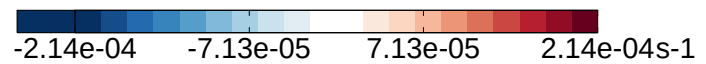
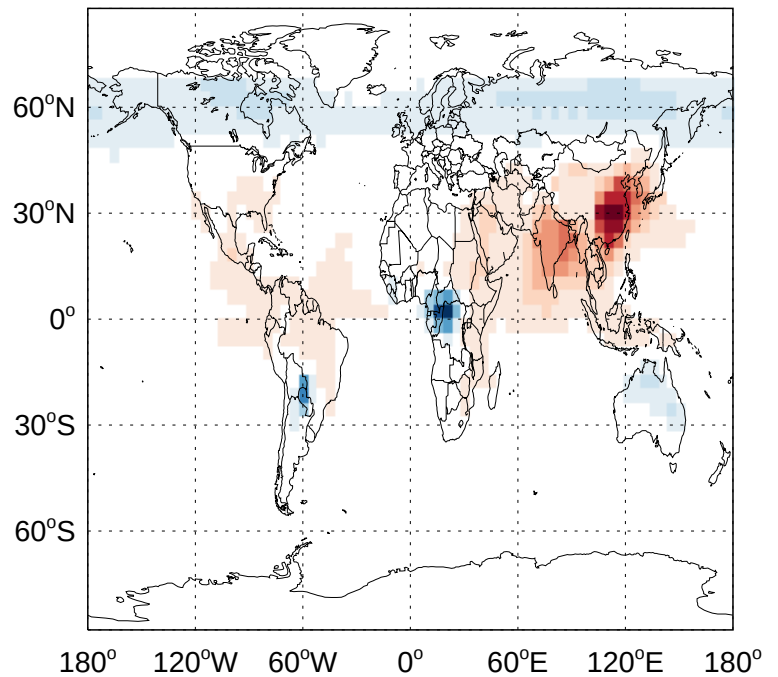
v11-02e-Run0 - v11-02c-Run0

JBrNO₂ - J-Value Diff @ surface for Jan



v11-02e-Run0 - v11-02c-Run0

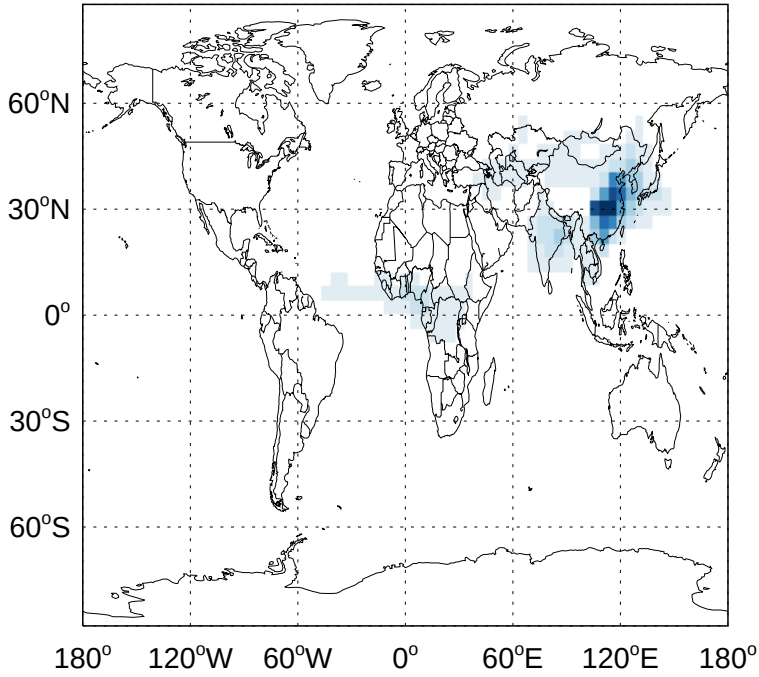
JBrNO₂ - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

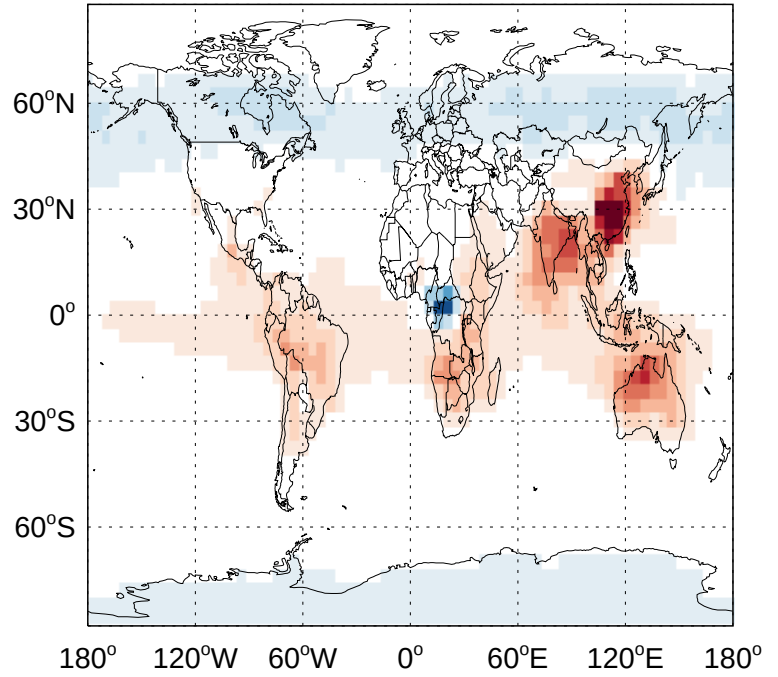
v11-02e-Run0 - v11-02d-Run1

JBrNO3 - J-Value Diff @ surface for Jan



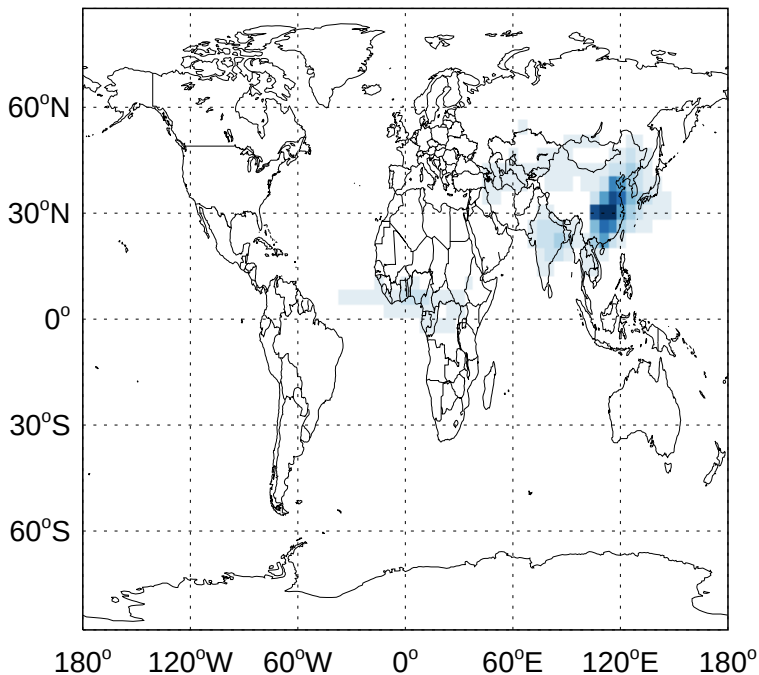
v11-02e-Run0 - v11-02d-Run1

JBrNO3 - J-Value Diff @ 500 hPa for Jan



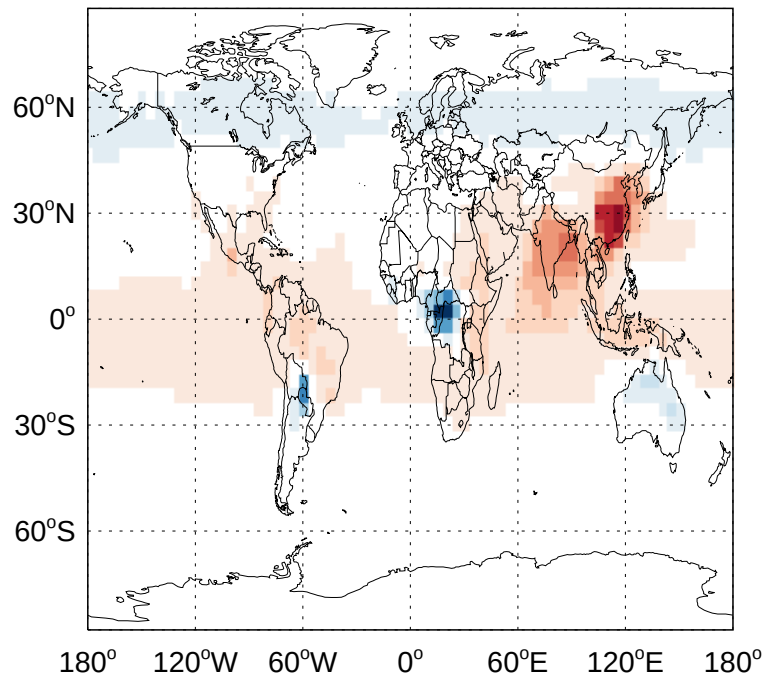
v11-02e-Run0 - v11-02c-Run0

JBrNO3 - J-Value Diff @ surface for Jan



v11-02e-Run0 - v11-02c-Run0

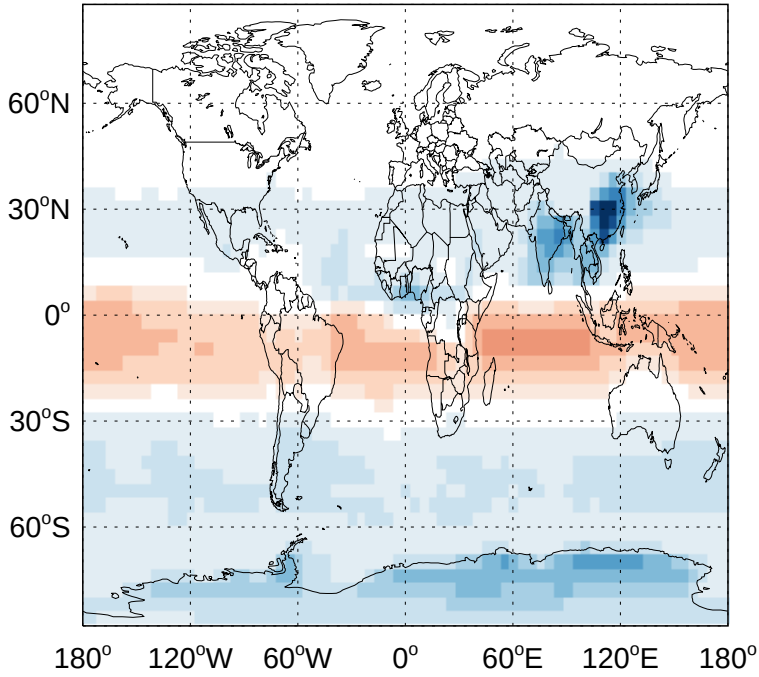
JBrNO3 - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

v11-02e-Run0 - v11-02d-Run1

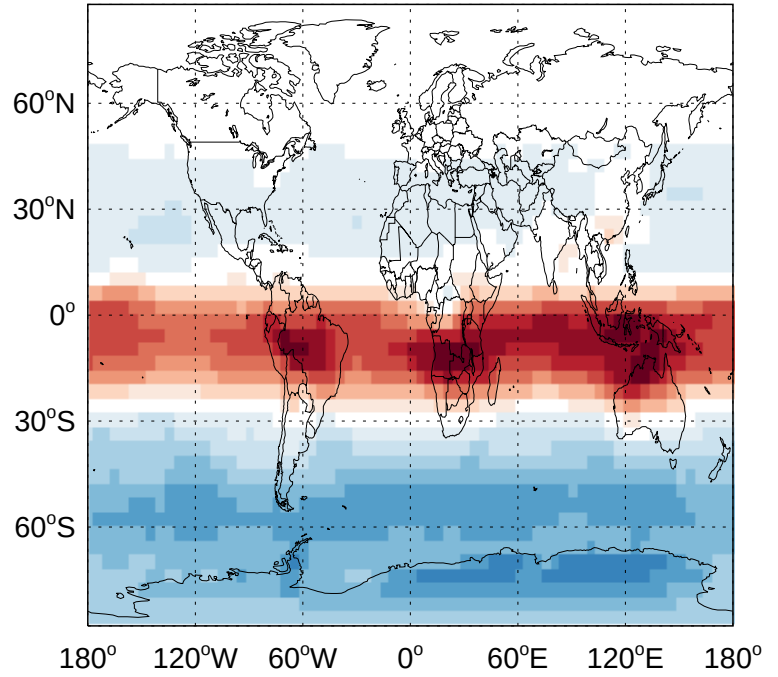
JCHBr3 - J-Value Diff @ surface for Jan



-5.75e-08 -1.92e-08 1.92e-08 5.75e-08s-1

v11-02e-Run0 - v11-02d-Run1

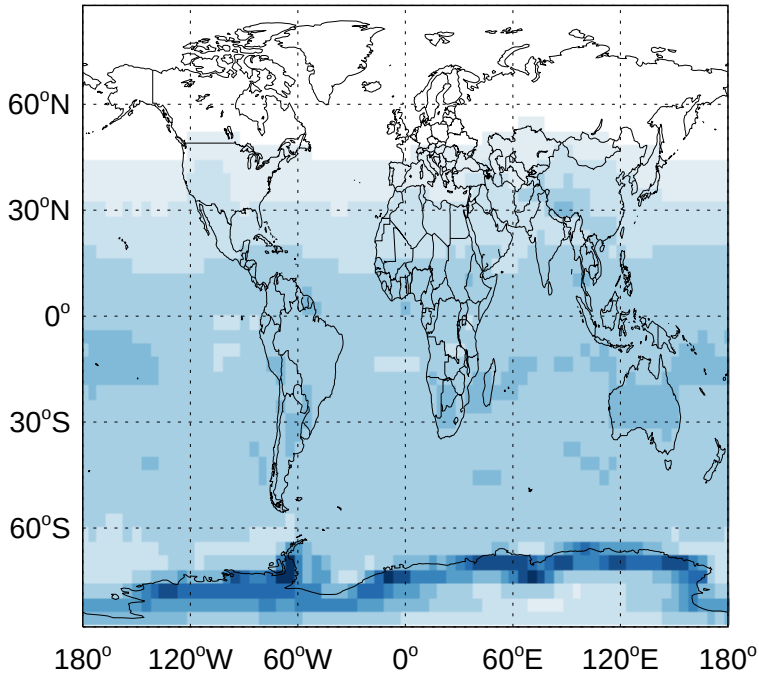
JCHBr3 - J-Value Diff @ 500 hPa for Jan



-4.55e-08 -1.52e-08 1.52e-08 4.55e-08s-1

v11-02e-Run0 - v11-02c-Run0

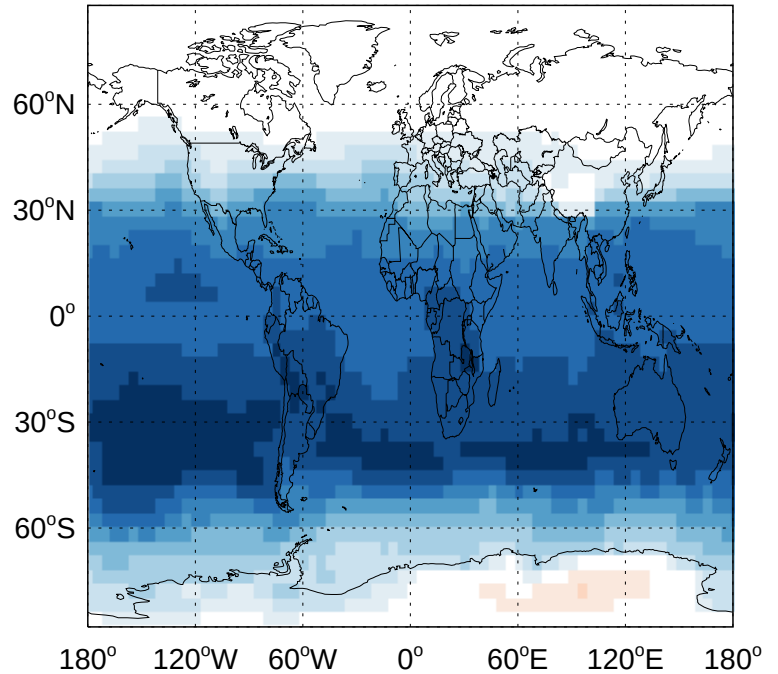
JCHBr3 - J-Value Diff @ surface for Jan



-4.53e-07 -1.51e-07 1.51e-07 4.53e-07s-1

v11-02e-Run0 - v11-02c-Run0

JCHBr3 - J-Value Diff @ 500 hPa for Jan

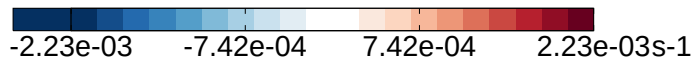
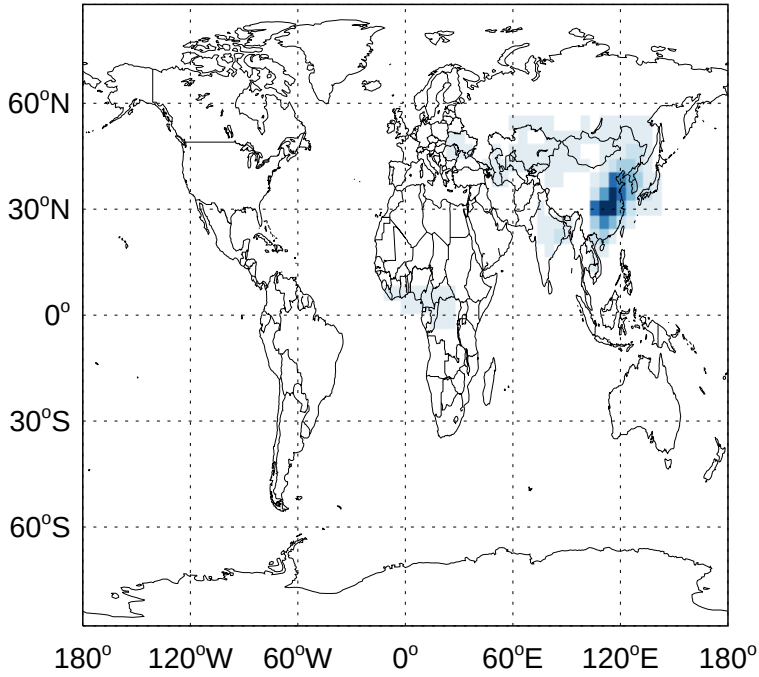


-5.26e-07 -1.75e-07 1.75e-07 5.26e-07s-1

GEOS-Chem J-Values at surface and 500 hPa

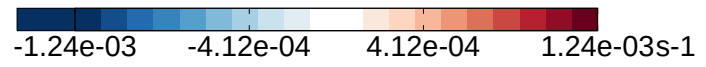
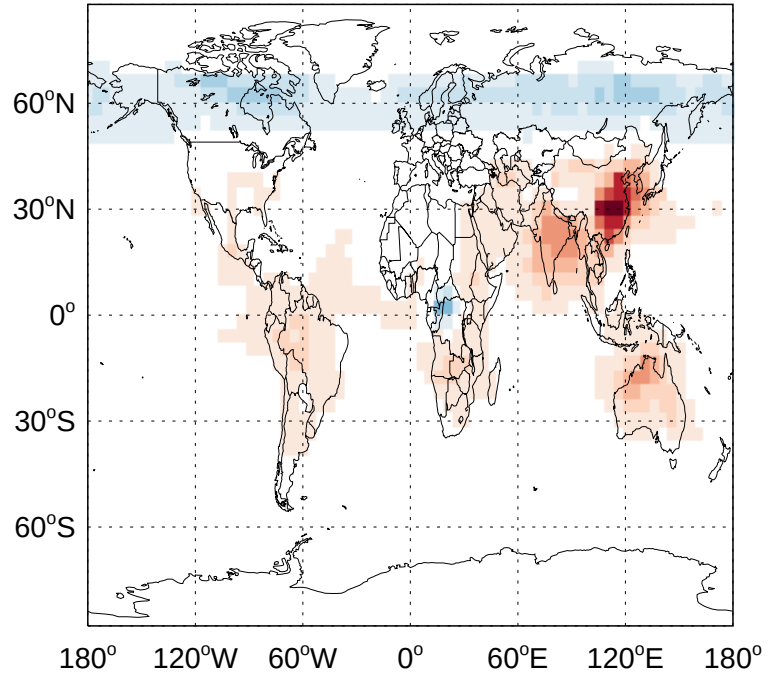
v11-02e-Run0 - v11-02d-Run1

JBr2 - J-Value Diff @ surface for Jan



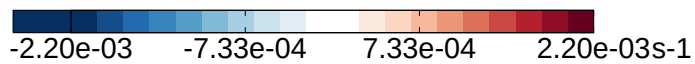
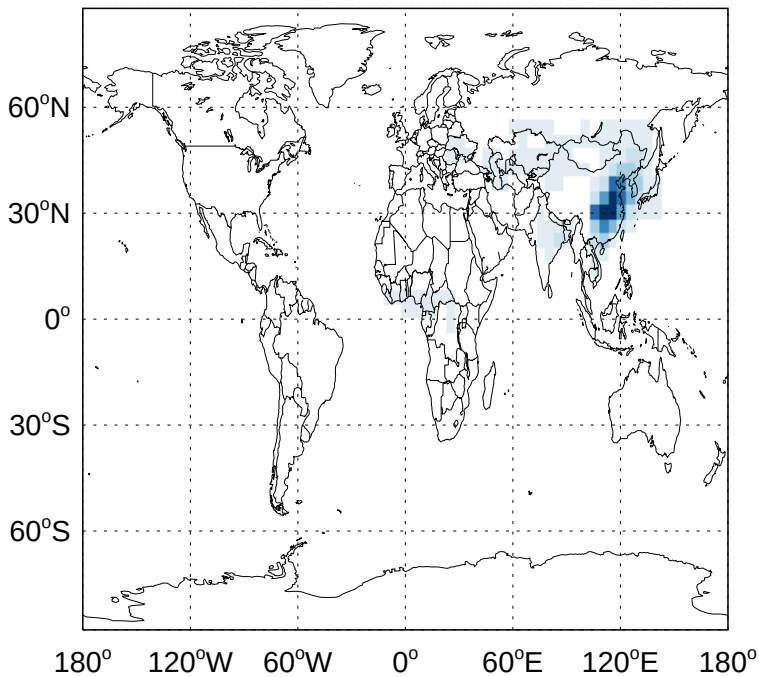
v11-02e-Run0 - v11-02d-Run1

JBr2 - J-Value Diff @ 500 hPa for Jan



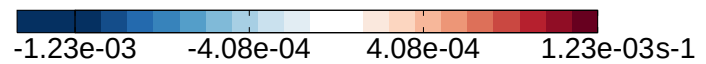
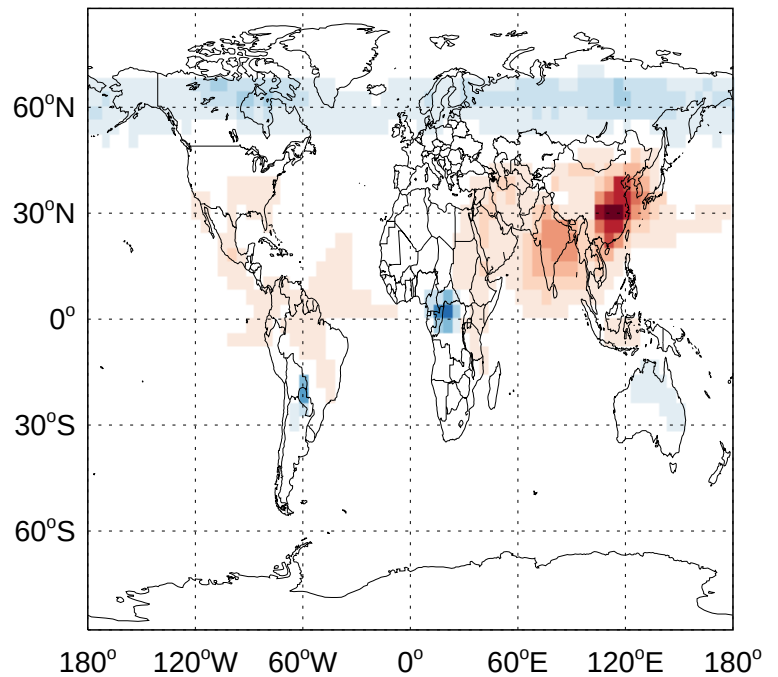
v11-02e-Run0 - v11-02c-Run0

JBr2 - J-Value Diff @ surface for Jan



v11-02e-Run0 - v11-02c-Run0

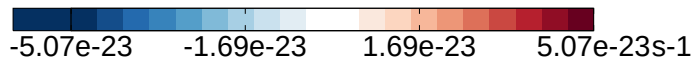
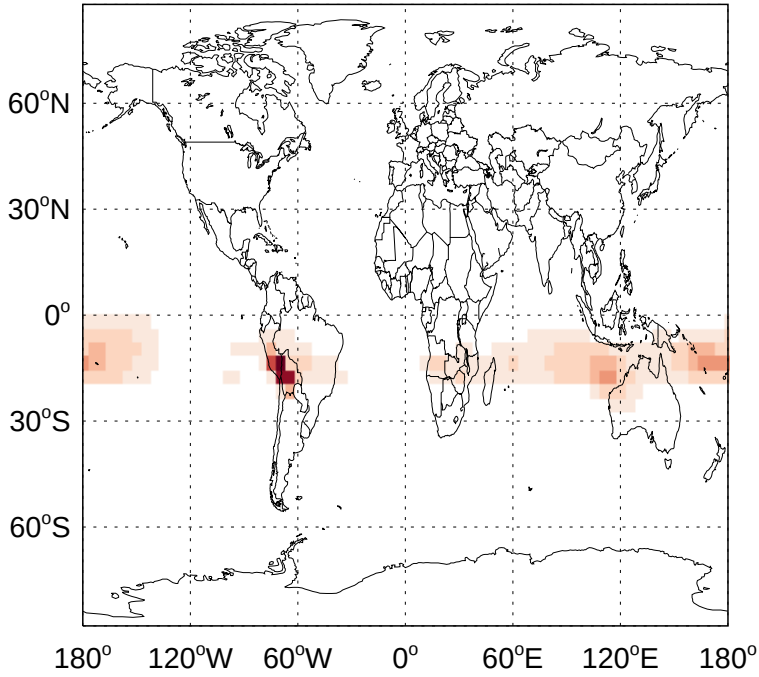
JBr2 - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

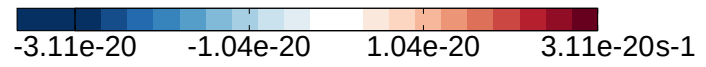
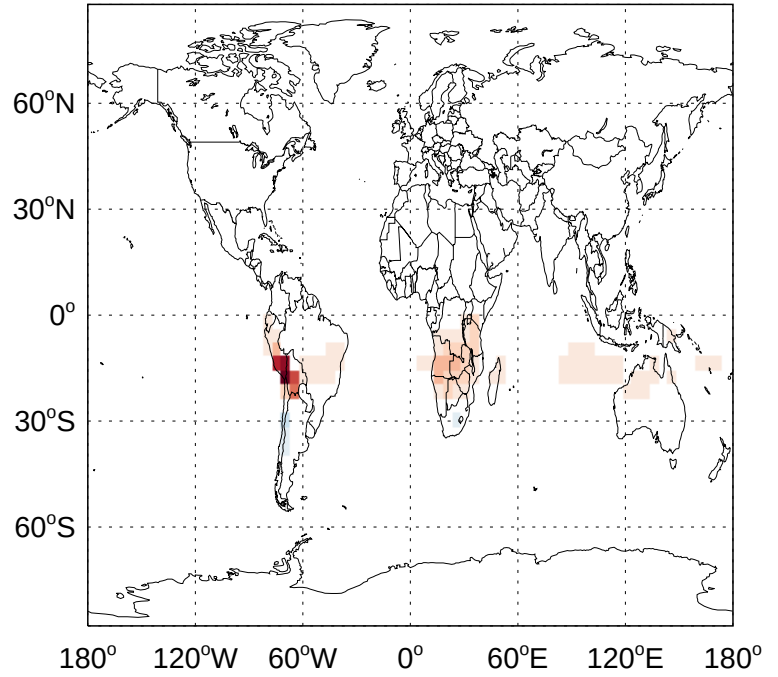
v11-02e-Run0 - v11-02d-Run1

JO2 - J-Value Diff @ surface for Jan



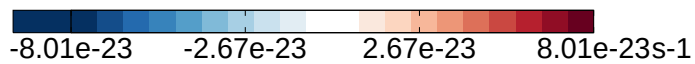
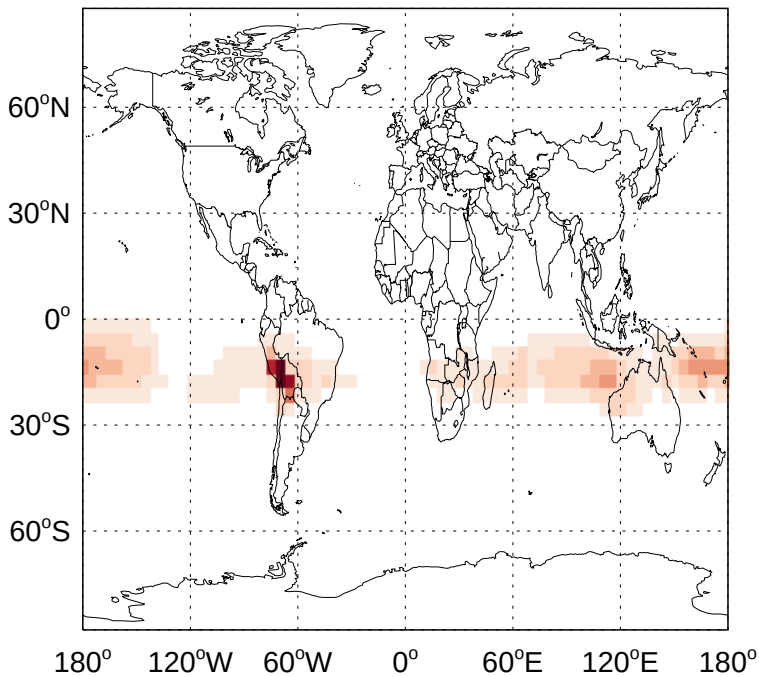
v11-02e-Run0 - v11-02d-Run1

JO2 - J-Value Diff @ 500 hPa for Jan



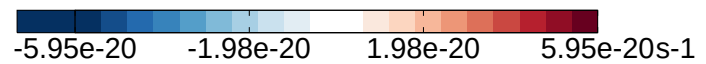
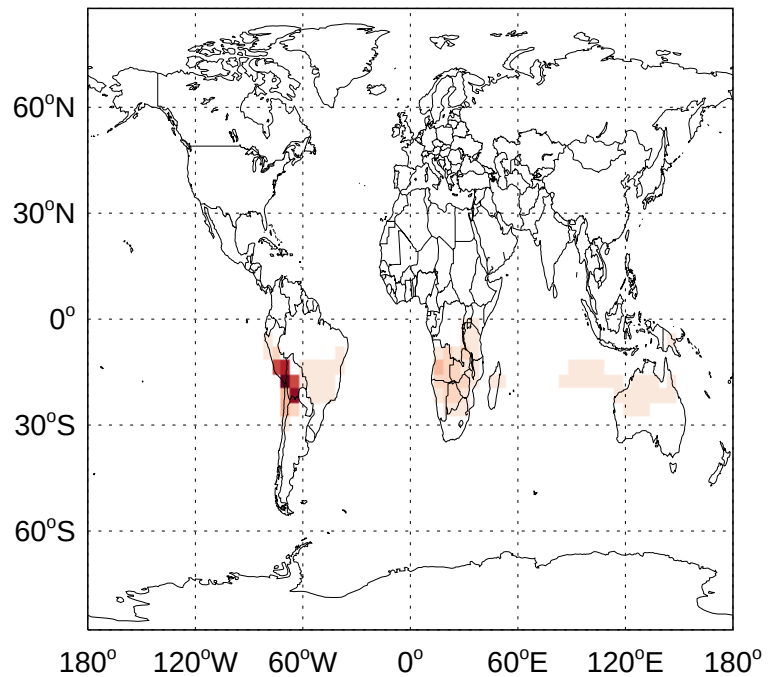
v11-02e-Run0 - v11-02c-Run0

JO2 - J-Value Diff @ surface for Jan



v11-02e-Run0 - v11-02c-Run0

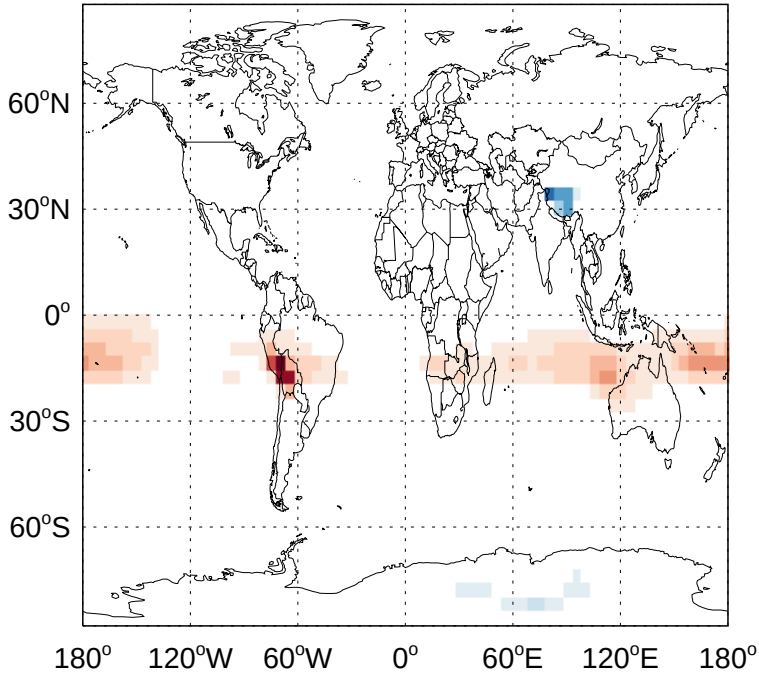
JO2 - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

v11-02e-Run0 - v11-02d-Run1

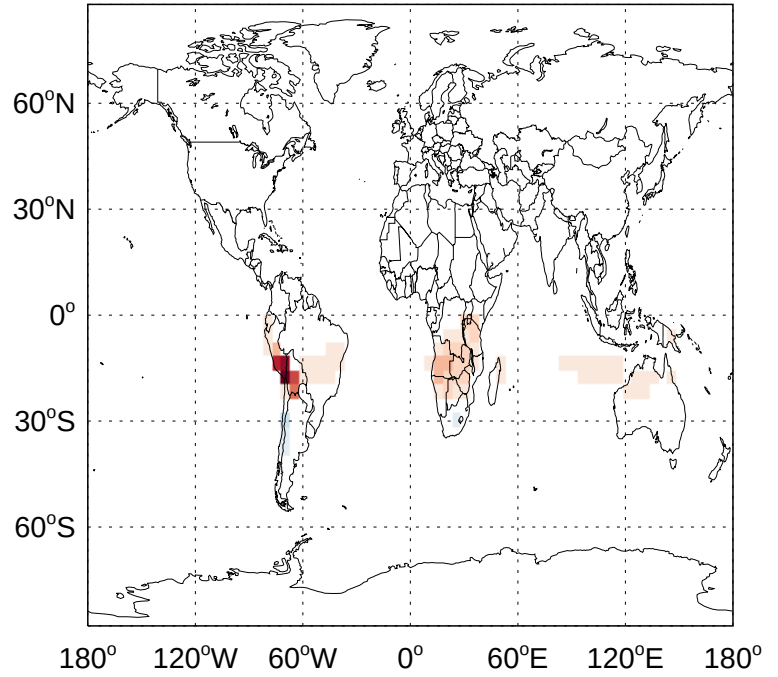
JN2O - J-Value Diff @ surface for Jan



-3.92e-21 -1.31e-21 1.31e-21 3.92e-21s-1

v11-02e-Run0 - v11-02d-Run1

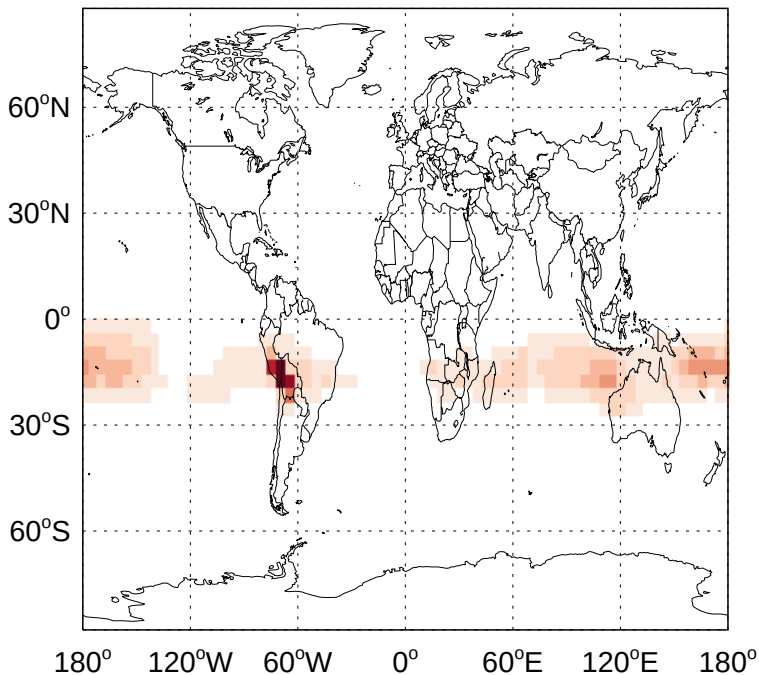
JN2O - J-Value Diff @ 500 hPa for Jan



-3.42e-17 -1.14e-17 1.14e-17 3.42e-17s-1

v11-02e-Run0 - v11-02c-Run0

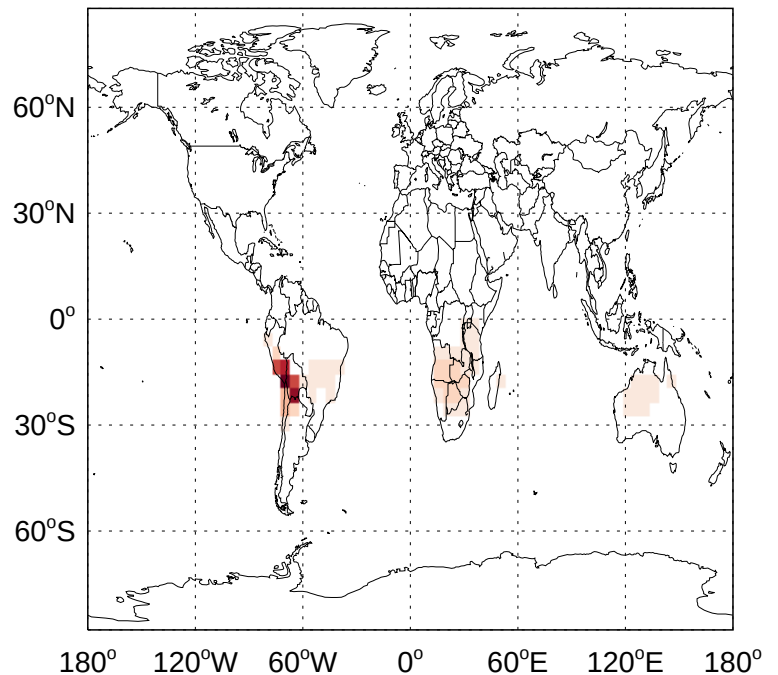
JN2O - J-Value Diff @ surface for Jan



-6.33e-21 -2.11e-21 2.11e-21 6.33e-21s-1

v11-02e-Run0 - v11-02c-Run0

JN2O - J-Value Diff @ 500 hPa for Jan

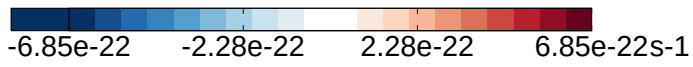
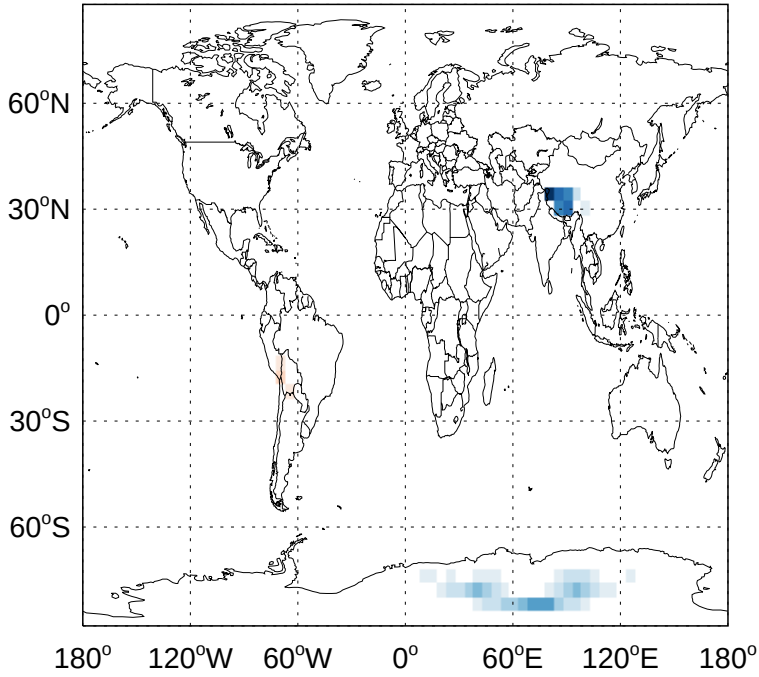


-6.63e-17 -2.21e-17 2.21e-17 6.63e-17s-1

GEOS-Chem J-Values at surface and 500 hPa

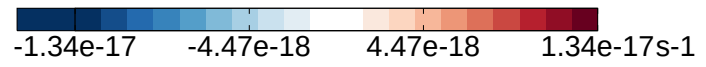
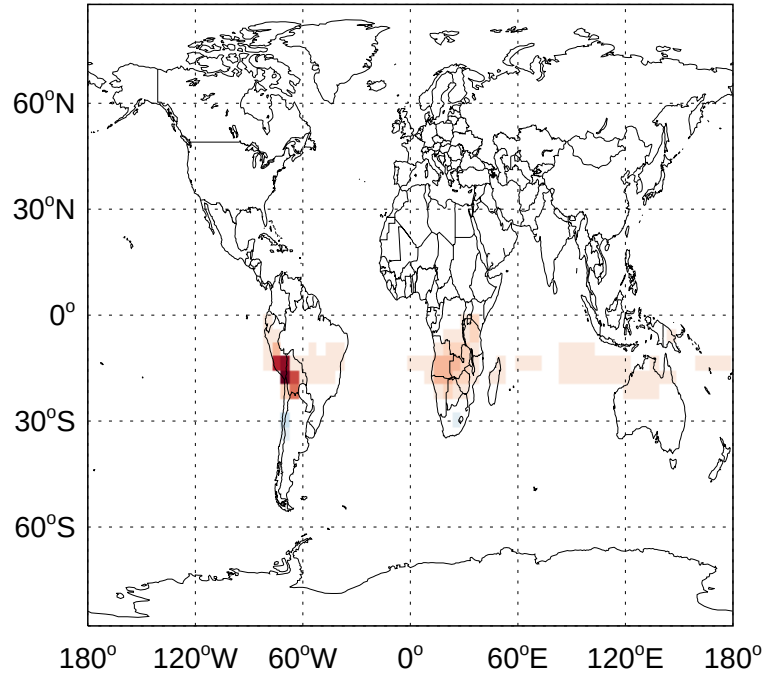
v11-02e-Run0 - v11-02d-Run1

JNO - J-Value Diff @ surface for Jan



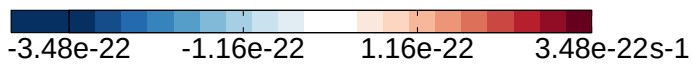
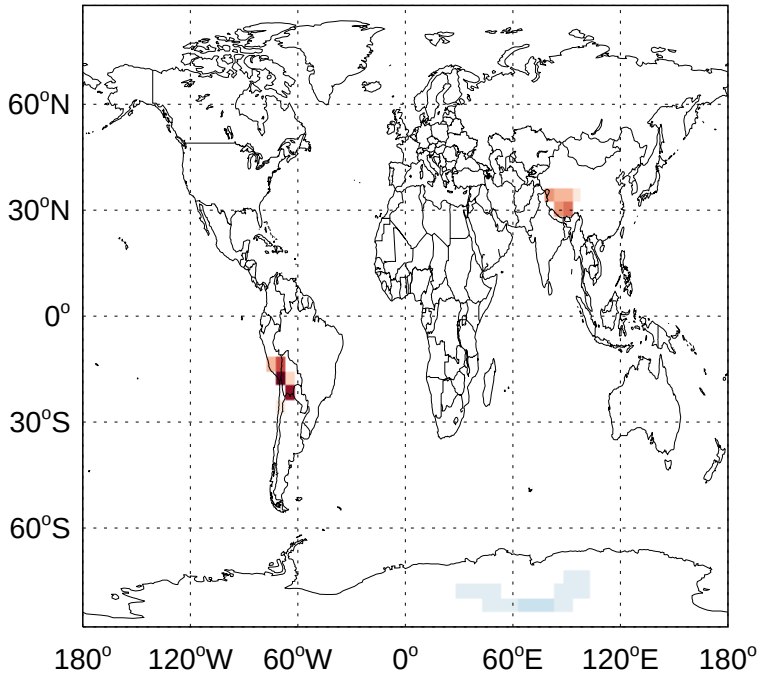
v11-02e-Run0 - v11-02d-Run1

JNO - J-Value Diff @ 500 hPa for Jan



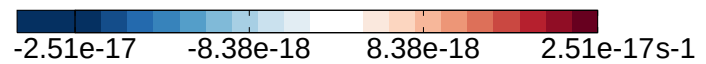
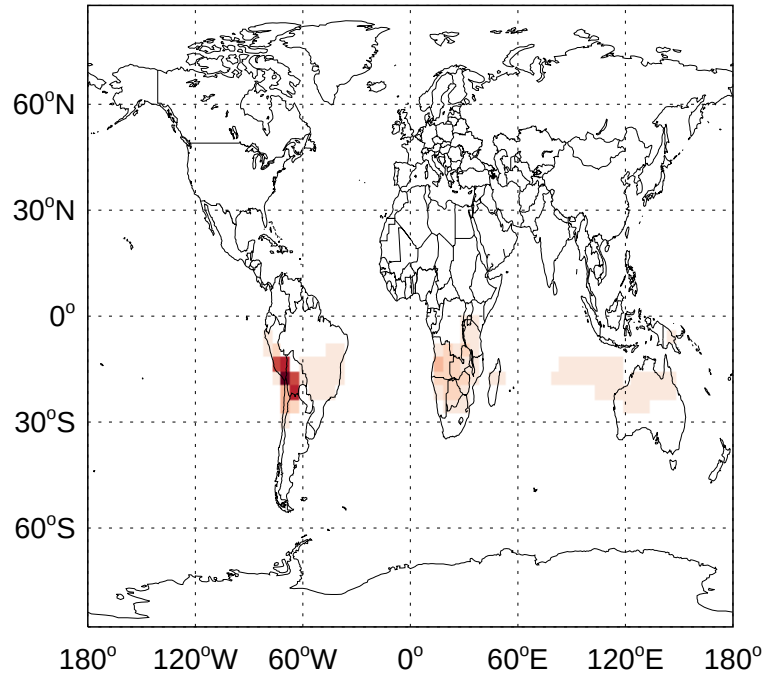
v11-02e-Run0 - v11-02c-Run0

JNO - J-Value Diff @ surface for Jan



v11-02e-Run0 - v11-02c-Run0

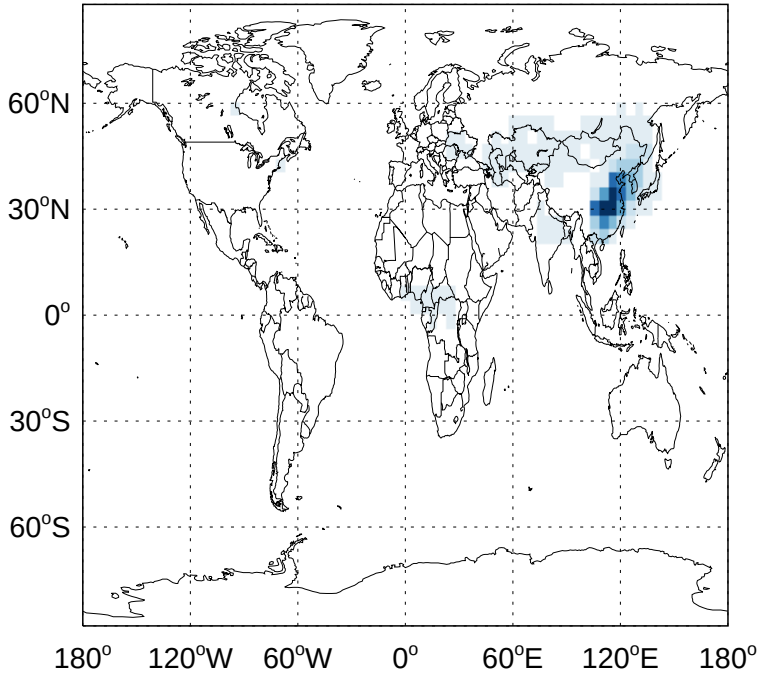
JNO - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

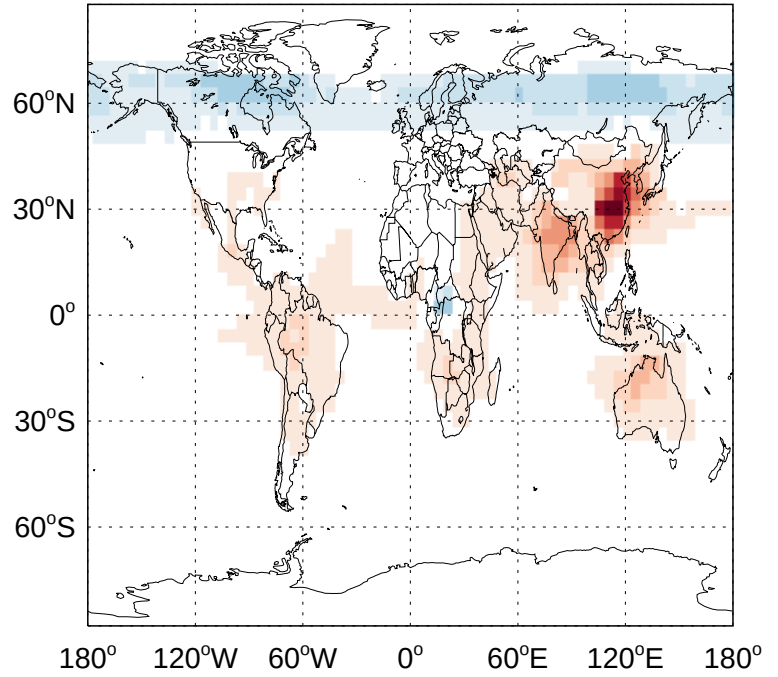
v11-02e-Run0 - v11-02d-Run1

JNO3 - J-Value Diff @ surface for Jan



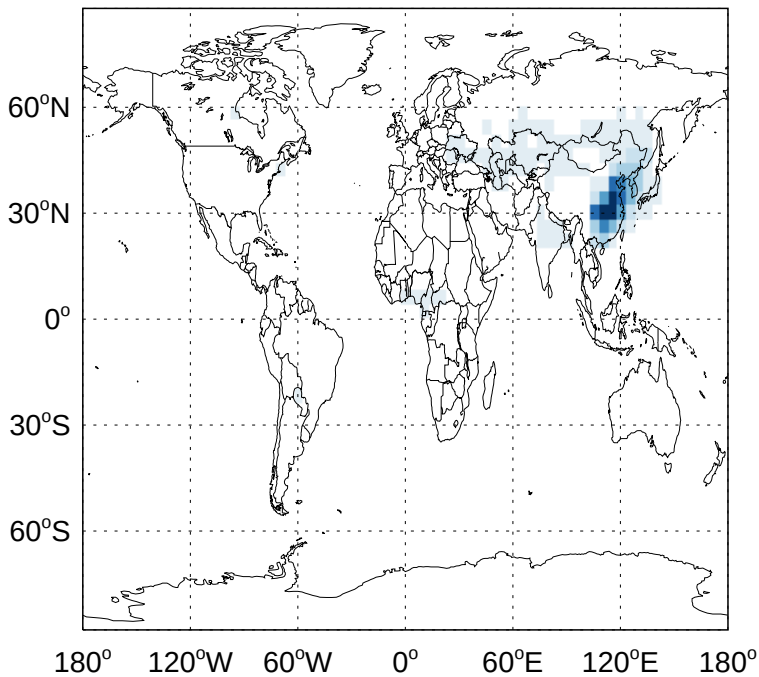
v11-02e-Run0 - v11-02d-Run1

JNO3 - J-Value Diff @ 500 hPa for Jan



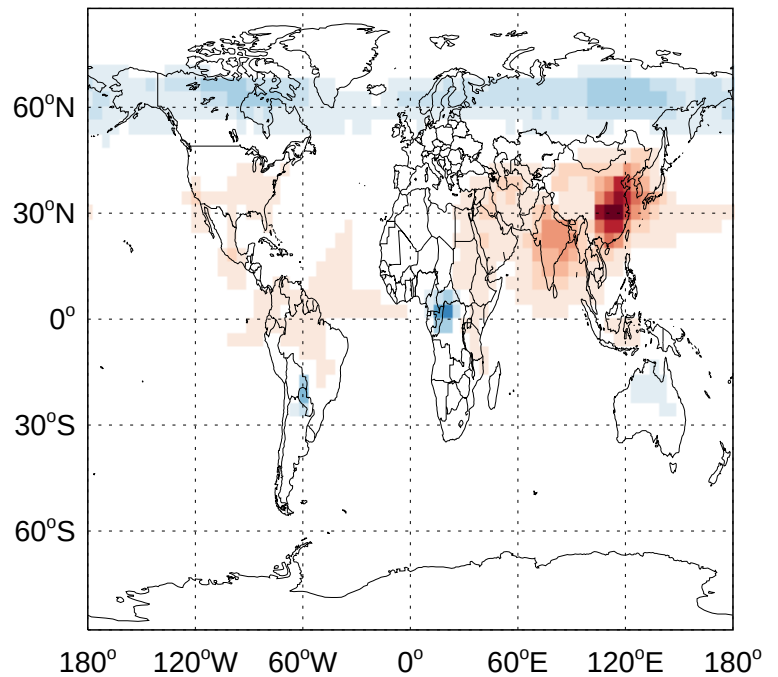
v11-02e-Run0 - v11-02c-Run0

JNO3 - J-Value Diff @ surface for Jan



v11-02e-Run0 - v11-02c-Run0

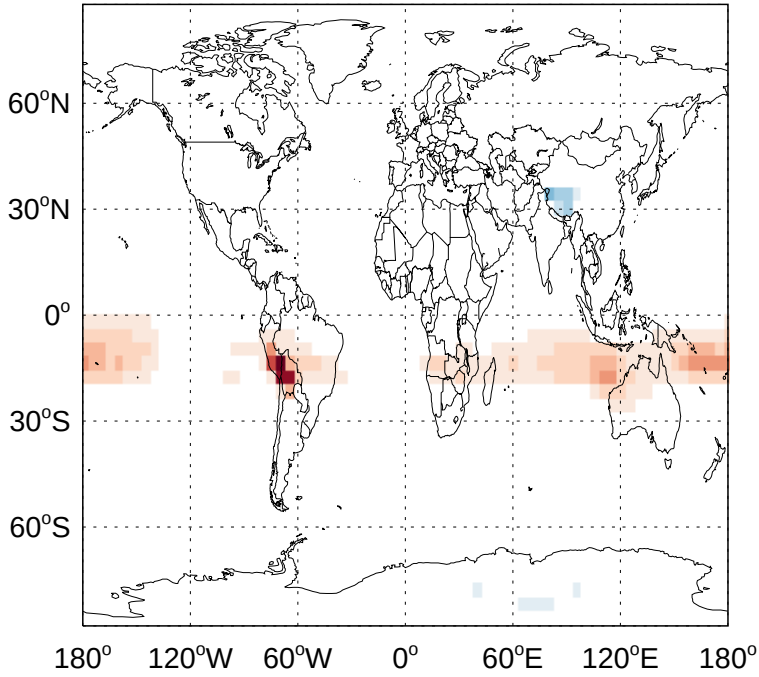
JNO3 - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

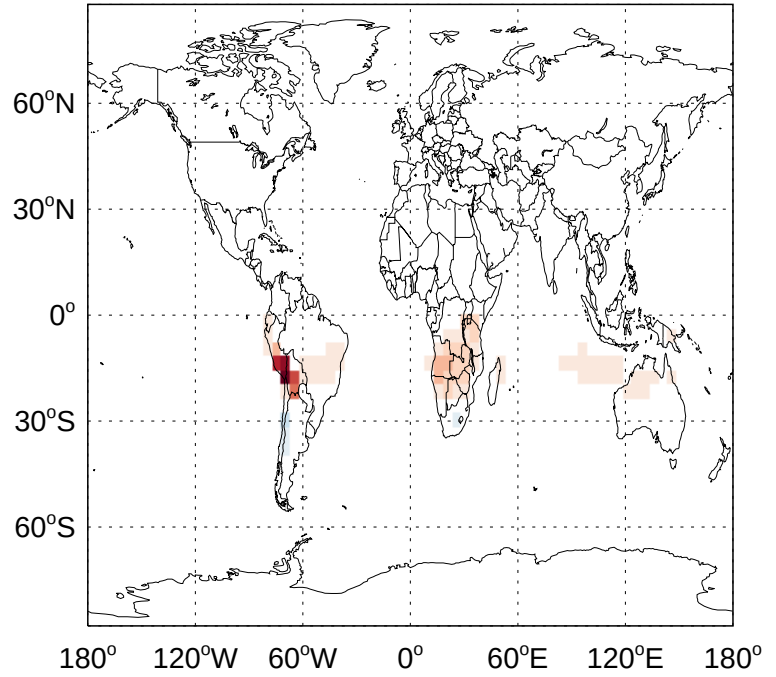
v11-02e-Run0 - v11-02d-Run1

JCFC11 - J-Value Diff @ surface for Jan



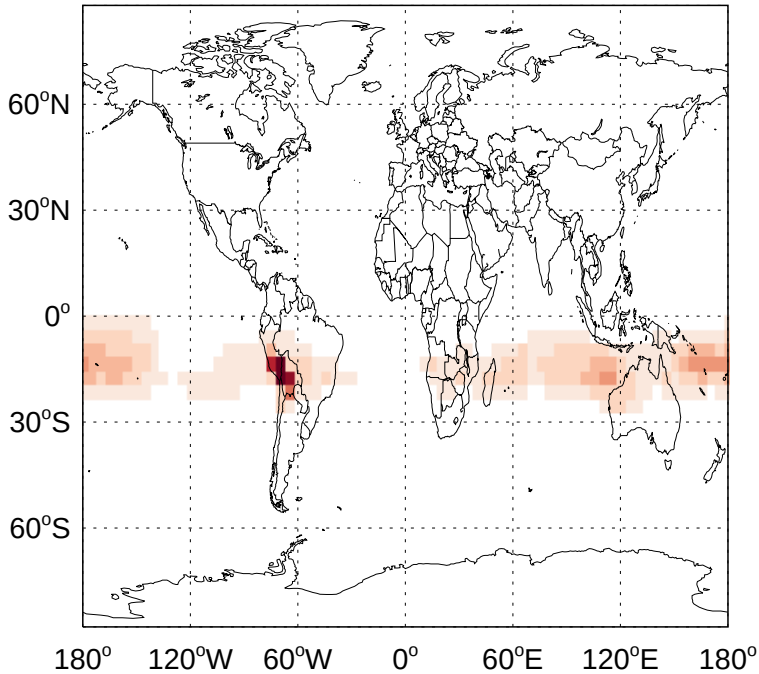
v11-02e-Run0 - v11-02d-Run1

JCFC11 - J-Value Diff @ 500 hPa for Jan



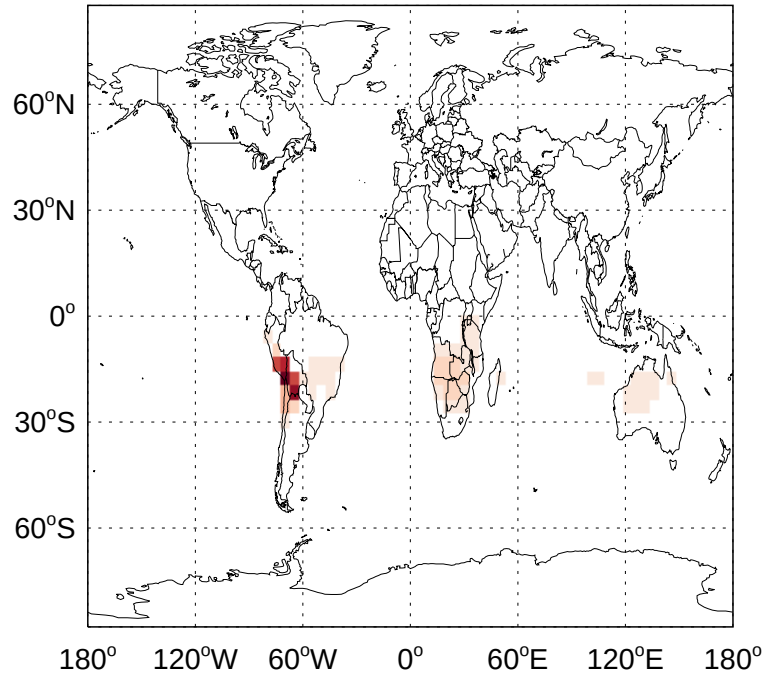
v11-02e-Run0 - v11-02c-Run0

JCFC11 - J-Value Diff @ surface for Jan



v11-02e-Run0 - v11-02c-Run0

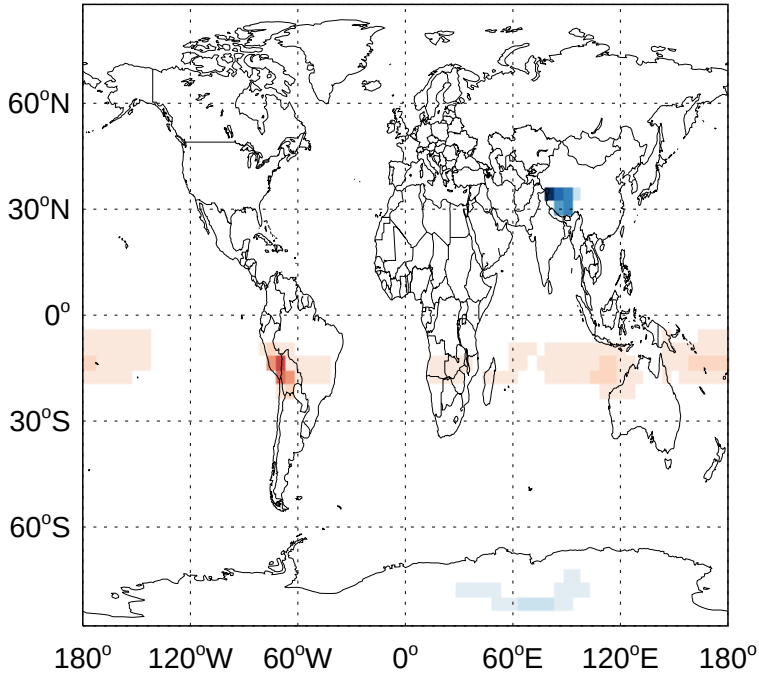
JCFC11 - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

v11-02e-Run0 - v11-02d-Run1

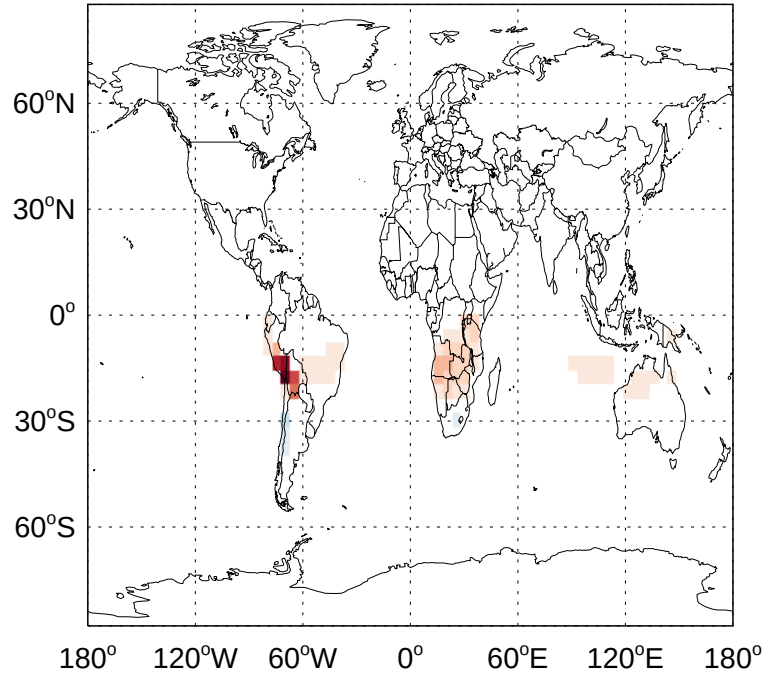
JCFC12 - J-Value Diff @ surface for Jan



-4.09e-21 -1.36e-21 1.36e-21 4.09e-21s-1

v11-02e-Run0 - v11-02d-Run1

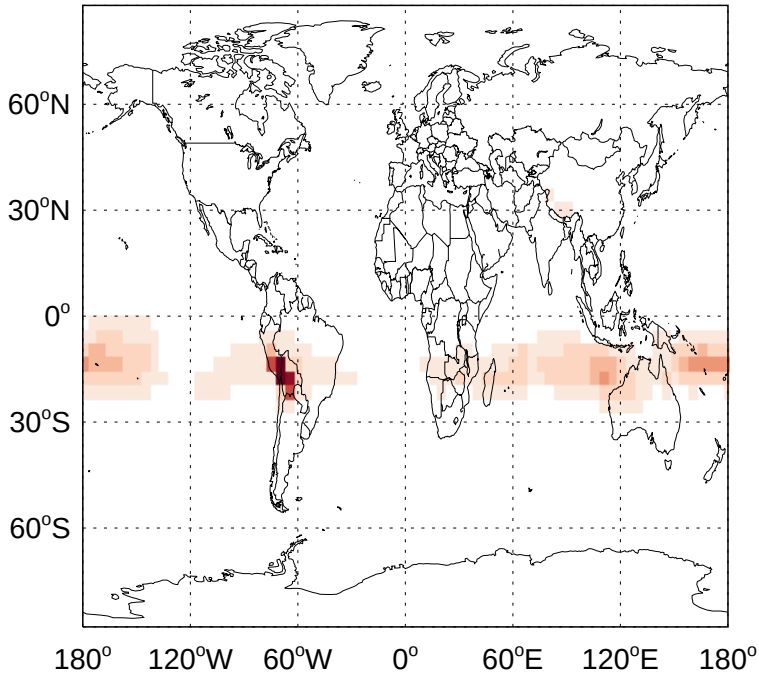
JCFC12 - J-Value Diff @ 500 hPa for Jan



-4.74e-17 -1.58e-17 1.58e-17 4.74e-17s-1

v11-02e-Run0 - v11-02c-Run0

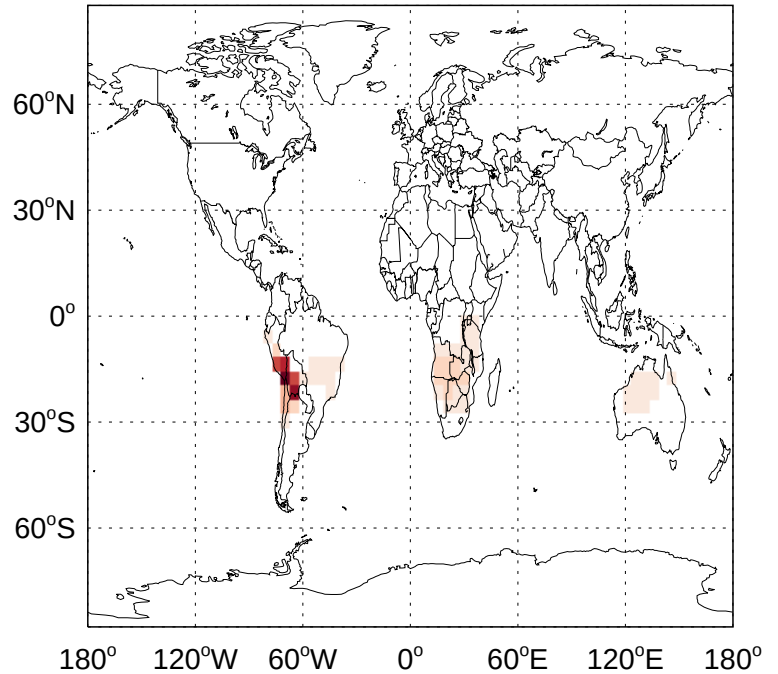
JCFC12 - J-Value Diff @ surface for Jan



-4.13e-21 -1.38e-21 1.38e-21 4.13e-21s-1

v11-02e-Run0 - v11-02c-Run0

JCFC12 - J-Value Diff @ 500 hPa for Jan

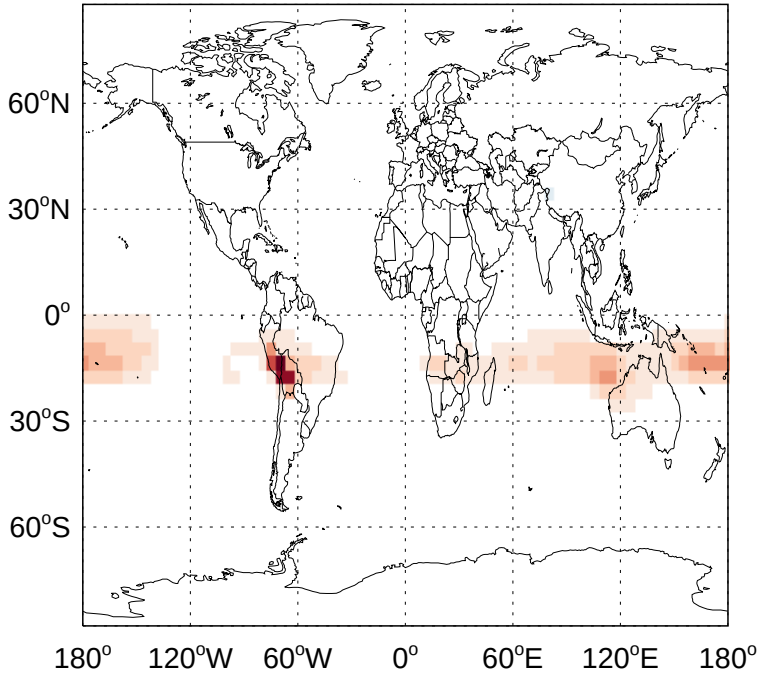


-9.21e-17 -3.07e-17 3.07e-17 9.21e-17s-1

GEOS-Chem J-Values at surface and 500 hPa

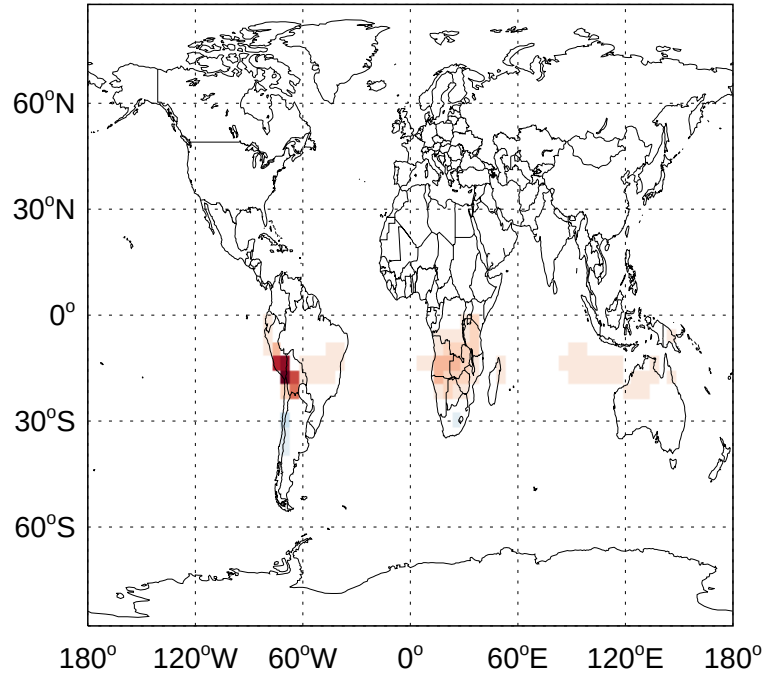
v11-02e-Run0 - v11-02d-Run1

JCCI4 - J-Value Diff @ surface for Jan



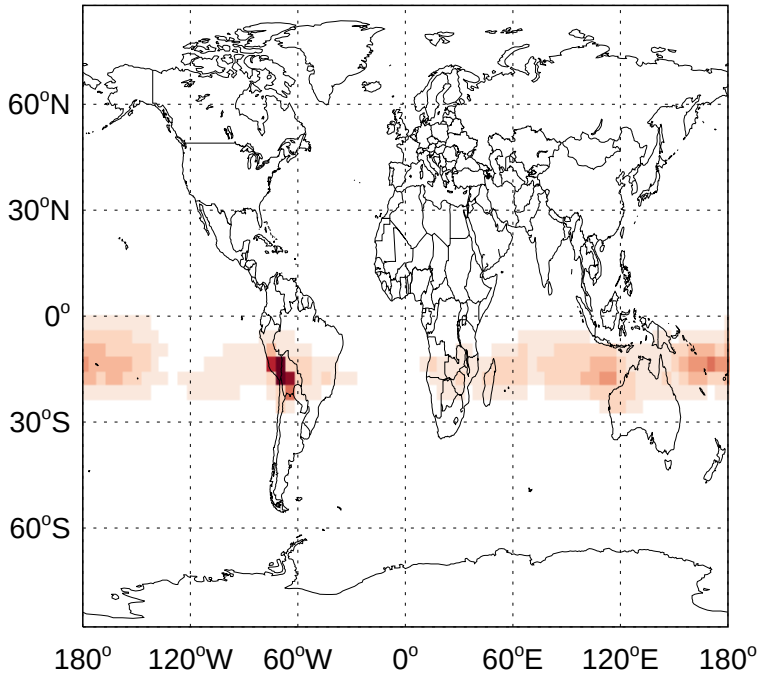
v11-02e-Run0 - v11-02d-Run1

JCCI4 - J-Value Diff @ 500 hPa for Jan



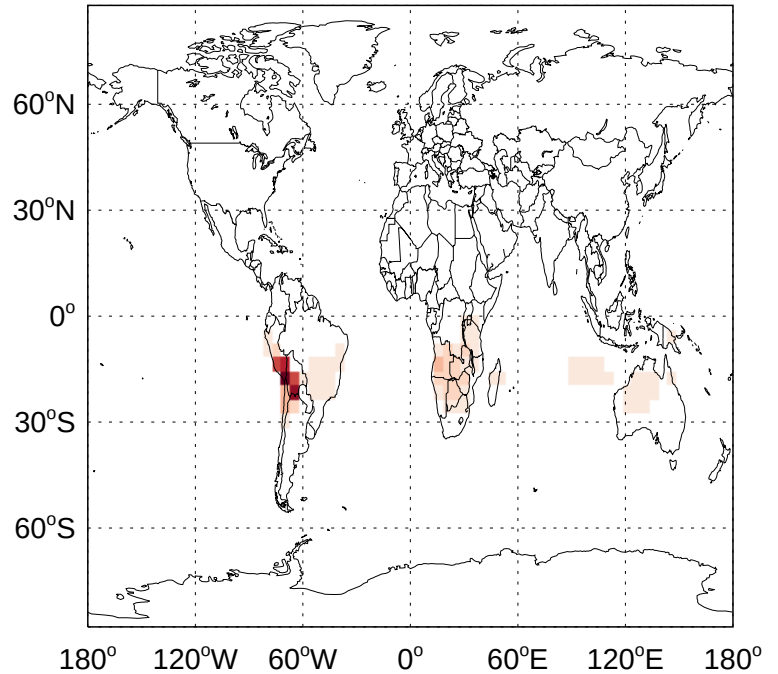
v11-02e-Run0 - v11-02c-Run0

JCCI4 - J-Value Diff @ surface for Jan



v11-02e-Run0 - v11-02c-Run0

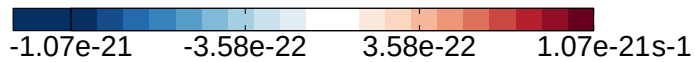
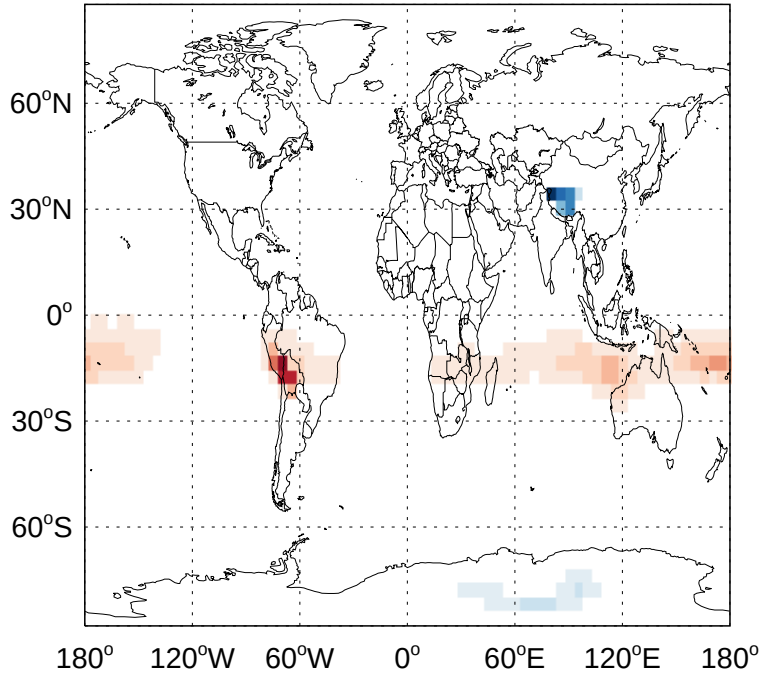
JCCI4 - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

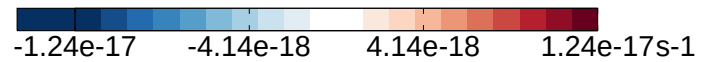
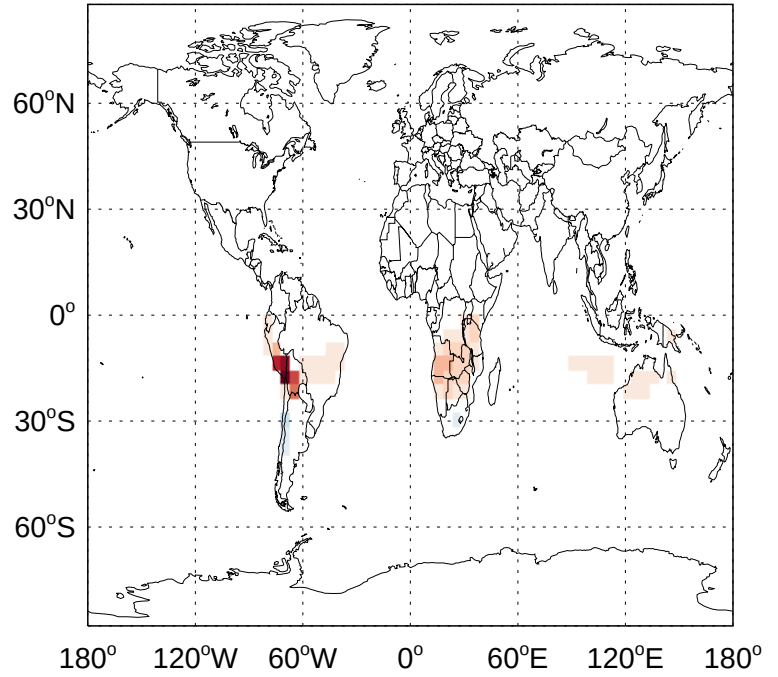
v11-02e-Run0 - v11-02d-Run1

JCH3Cl - J-Value Diff @ surface for Jan



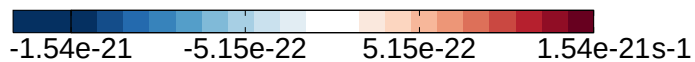
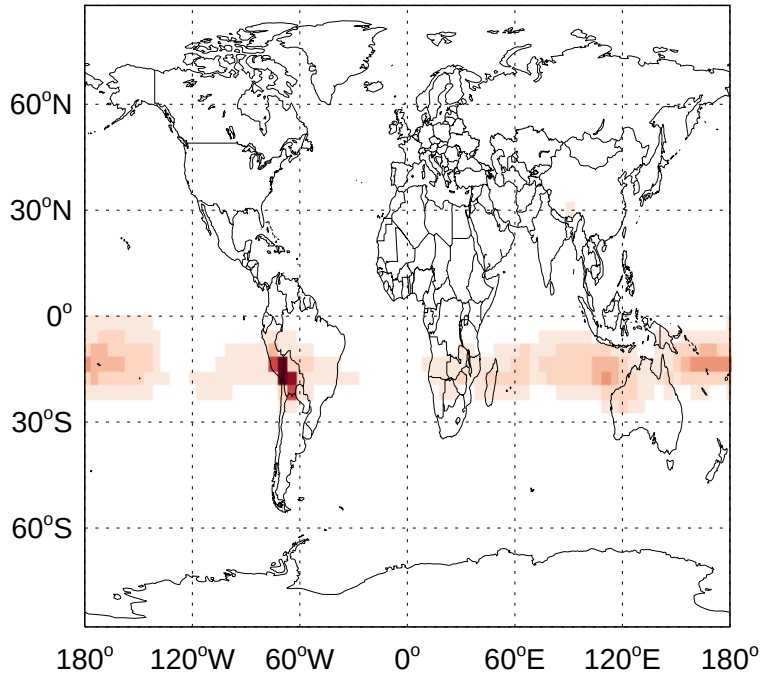
v11-02e-Run0 - v11-02d-Run1

JCH3Cl - J-Value Diff @ 500 hPa for Jan



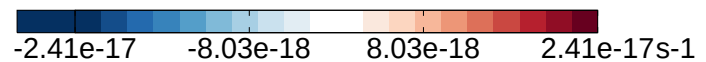
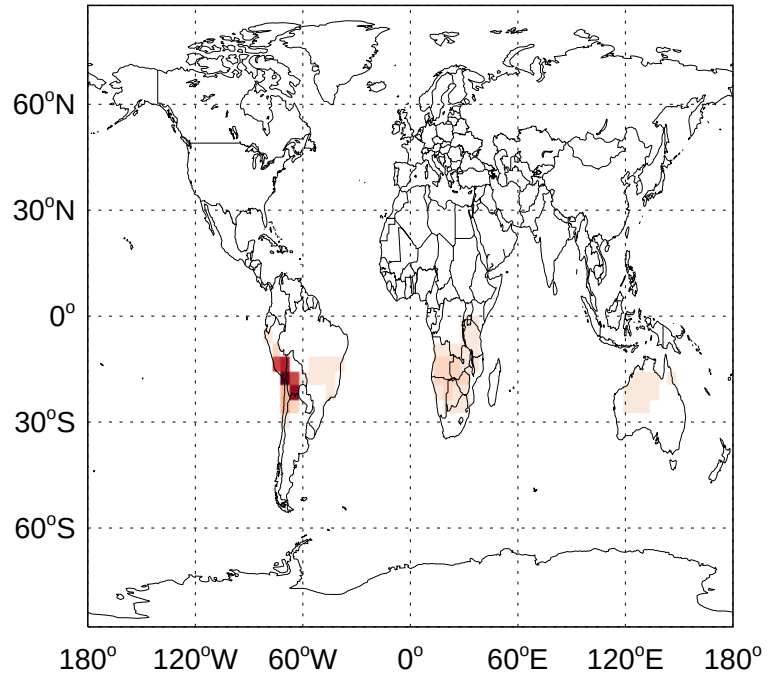
v11-02e-Run0 - v11-02c-Run0

JCH3Cl - J-Value Diff @ surface for Jan



v11-02e-Run0 - v11-02c-Run0

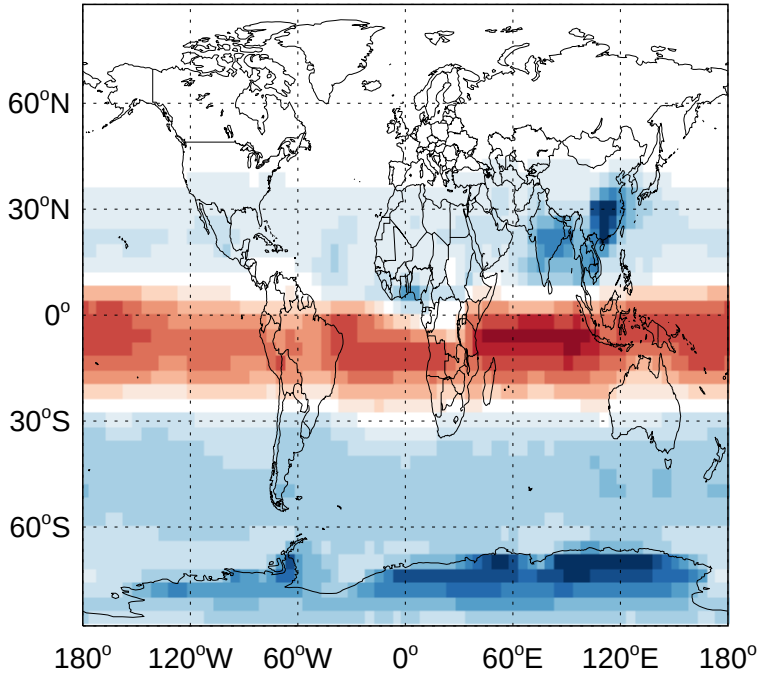
JCH3Cl - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

v11-02e-Run0 - v11-02d-Run1

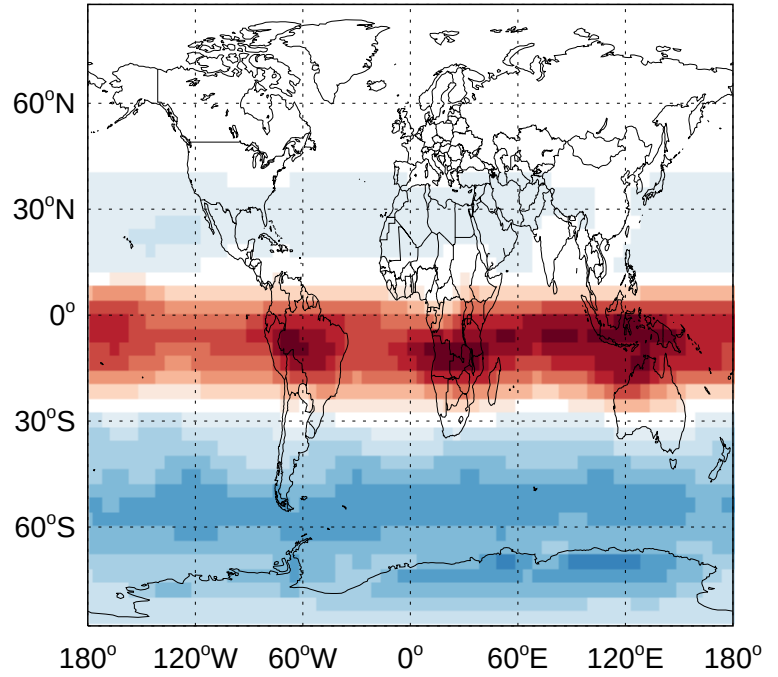
JACET - J-Value Diff @ surface for Jan



-2.78e-08 -9.25e-09 9.25e-09 2.78e-08s-1

v11-02e-Run0 - v11-02d-Run1

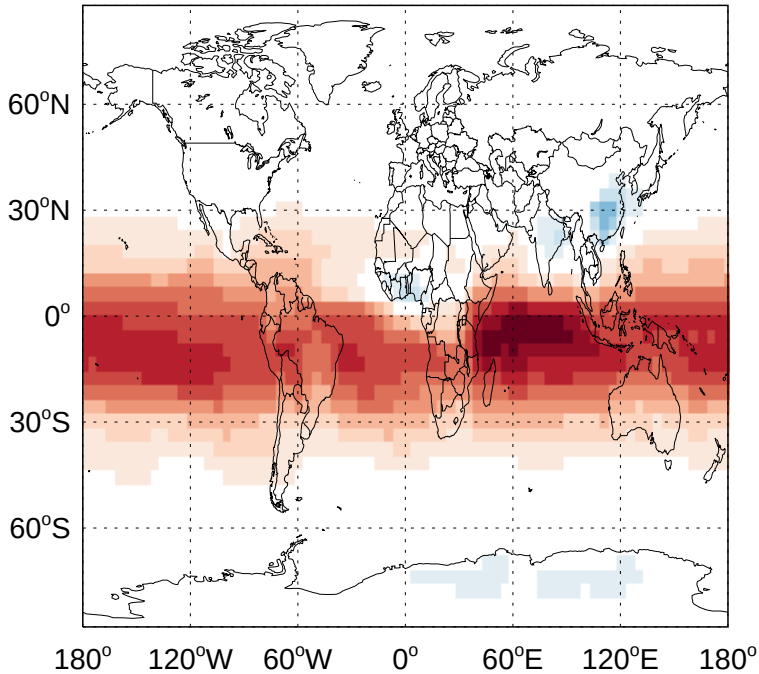
JACET - J-Value Diff @ 500 hPa for Jan



-4.93e-08 -1.64e-08 1.64e-08 4.93e-08s-1

v11-02e-Run0 - v11-02c-Run0

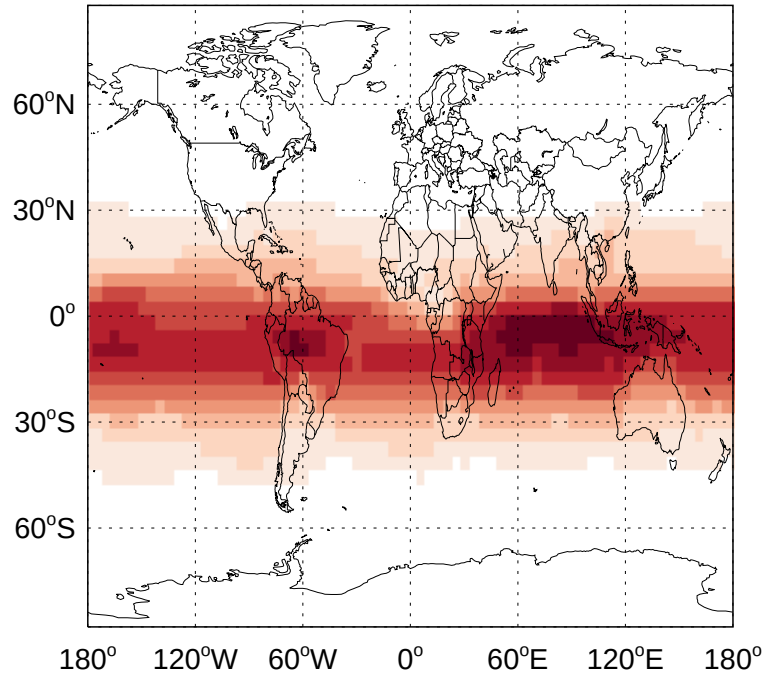
JACET - J-Value Diff @ surface for Jan



-5.11e-08 -1.70e-08 1.70e-08 5.11e-08s-1

v11-02e-Run0 - v11-02c-Run0

JACET - J-Value Diff @ 500 hPa for Jan

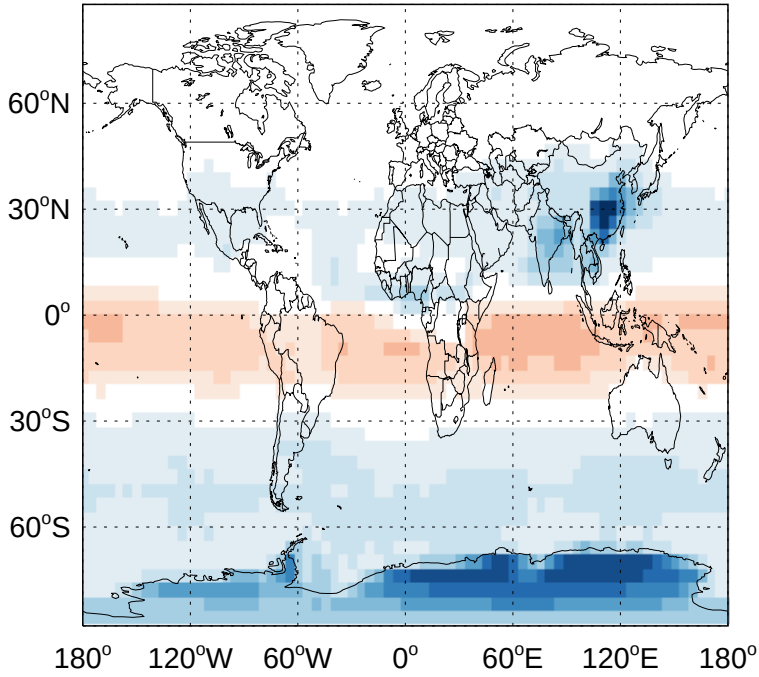


-8.33e-08 -2.78e-08 2.78e-08 8.33e-08s-1

GEOS-Chem J-Values at surface and 500 hPa

v11-02e-Run0 - v11-02d-Run1

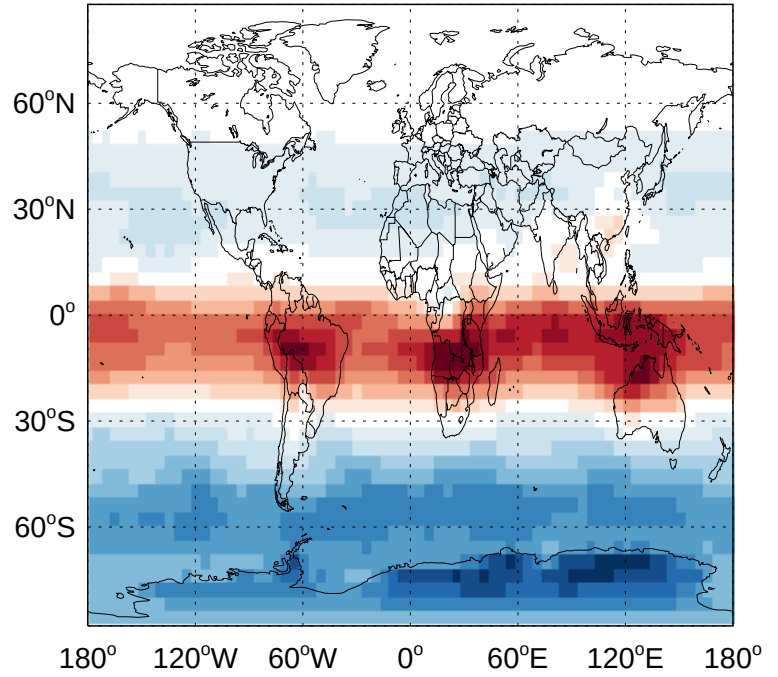
JALD2 - J-Value Diff @ surface for Jan



-2.27e-07 -7.58e-08 7.58e-08 2.27e-07s-1

v11-02e-Run0 - v11-02d-Run1

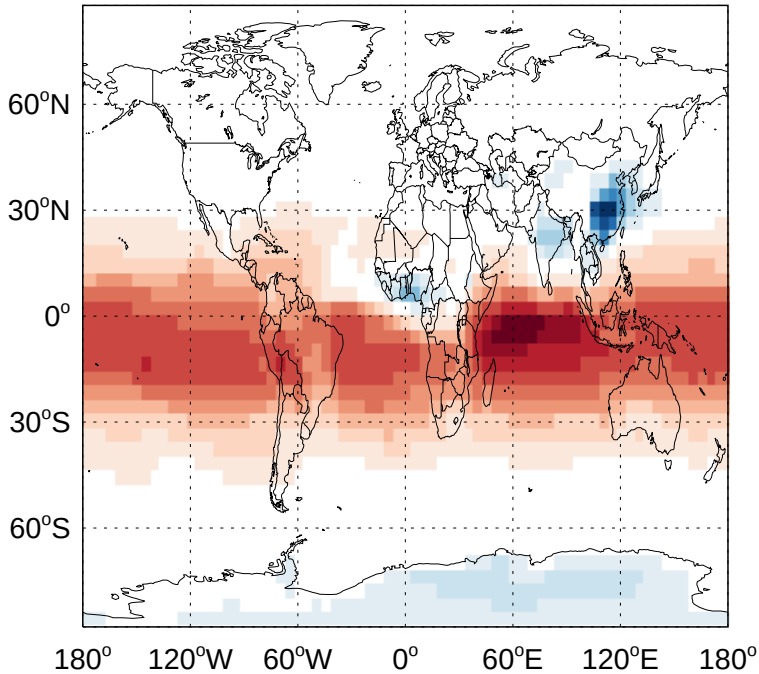
JALD2 - J-Value Diff @ 500 hPa for Jan



-3.04e-07 -1.01e-07 1.01e-07 3.04e-07s-1

v11-02e-Run0 - v11-02c-Run0

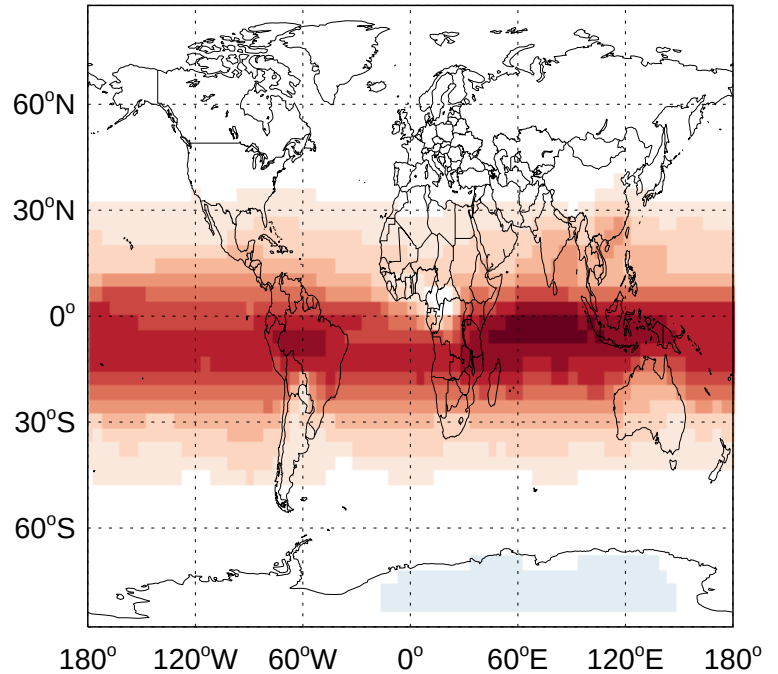
JALD2 - J-Value Diff @ surface for Jan



-2.07e-07 -6.89e-08 6.89e-08 2.07e-07s-1

v11-02e-Run0 - v11-02c-Run0

JALD2 - J-Value Diff @ 500 hPa for Jan

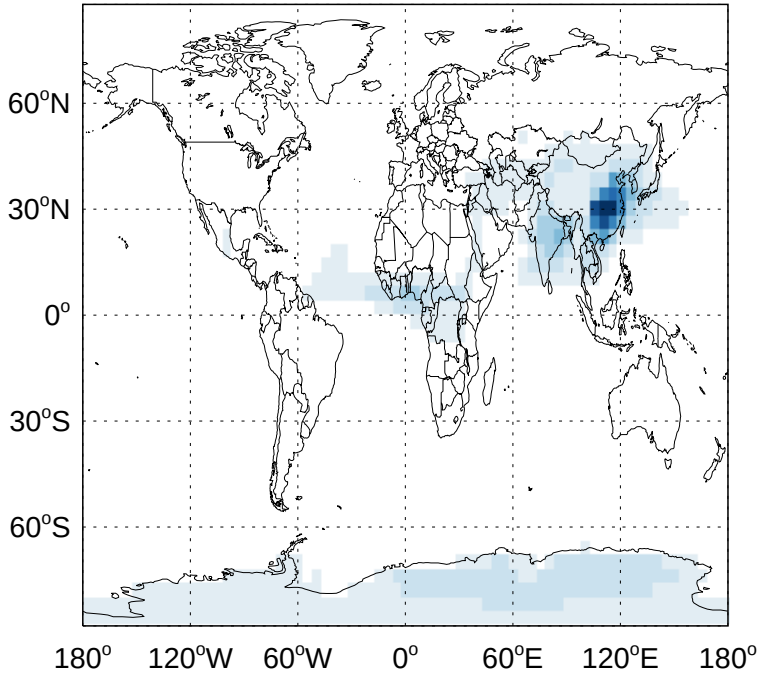


-4.72e-07 -1.57e-07 1.57e-07 4.72e-07s-1

GEOS-Chem J-Values at surface and 500 hPa

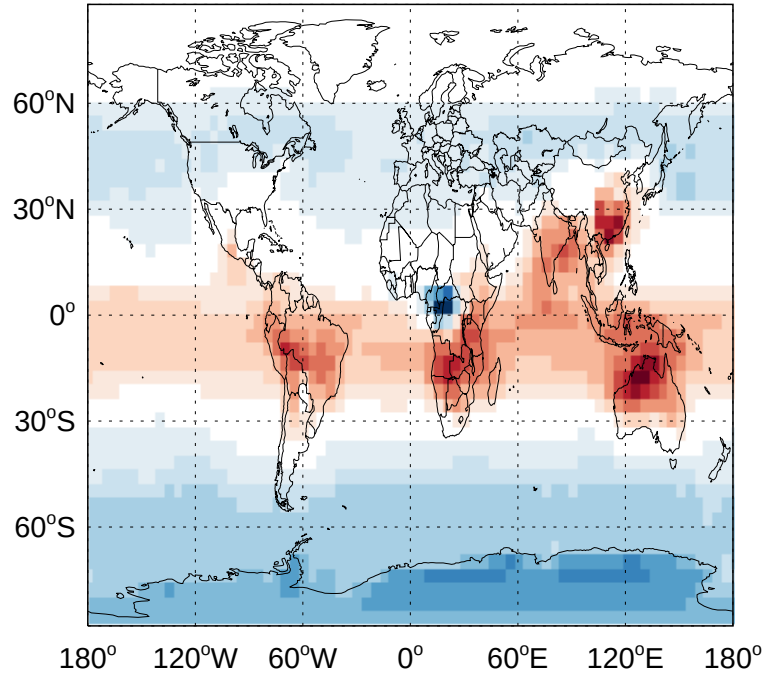
v11-02e-Run0 - v11-02d-Run1

JMK - J-Value Diff @ surface for Jan



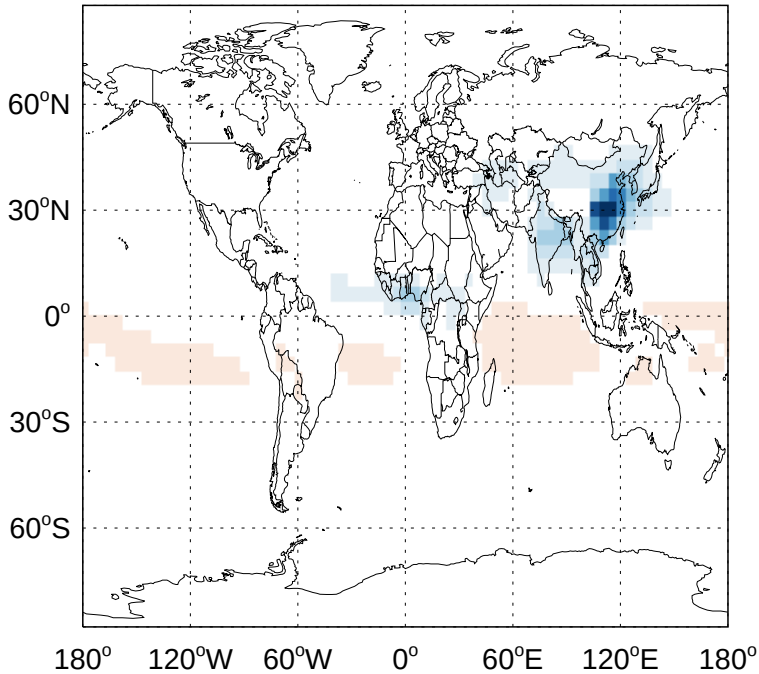
v11-02e-Run0 - v11-02d-Run1

JMK - J-Value Diff @ 500 hPa for Jan



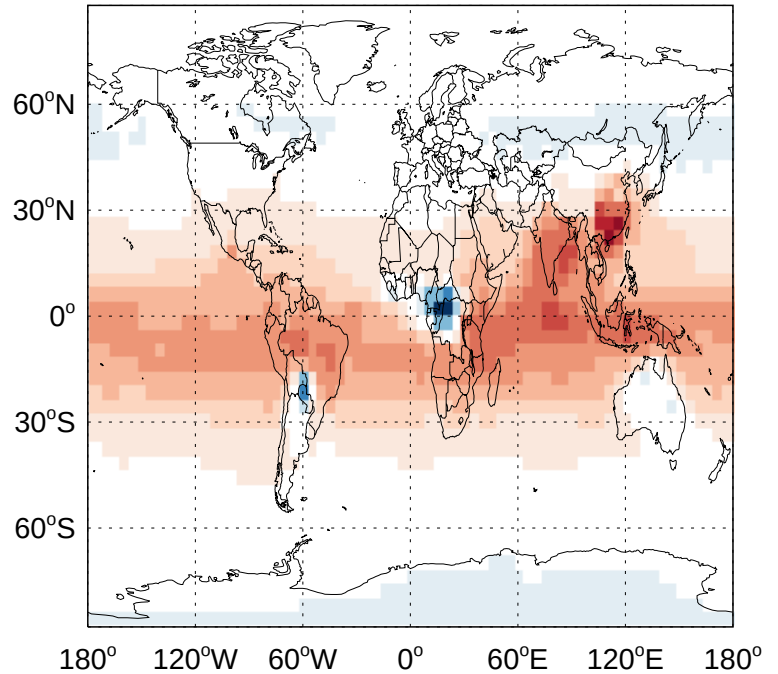
v11-02e-Run0 - v11-02c-Run0

JMK - J-Value Diff @ surface for Jan



v11-02e-Run0 - v11-02c-Run0

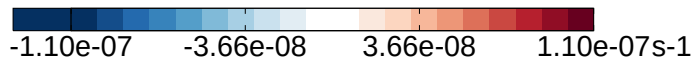
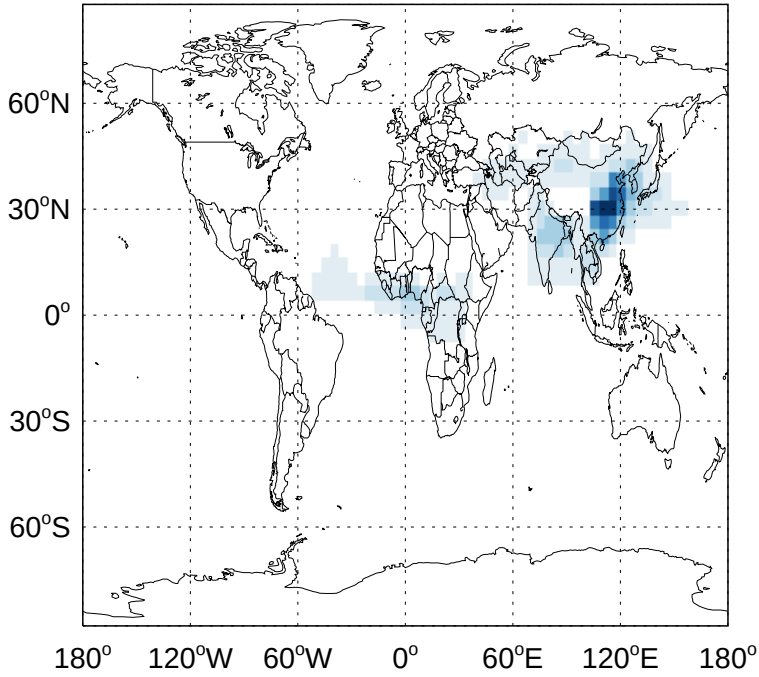
JMK - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

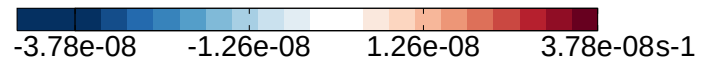
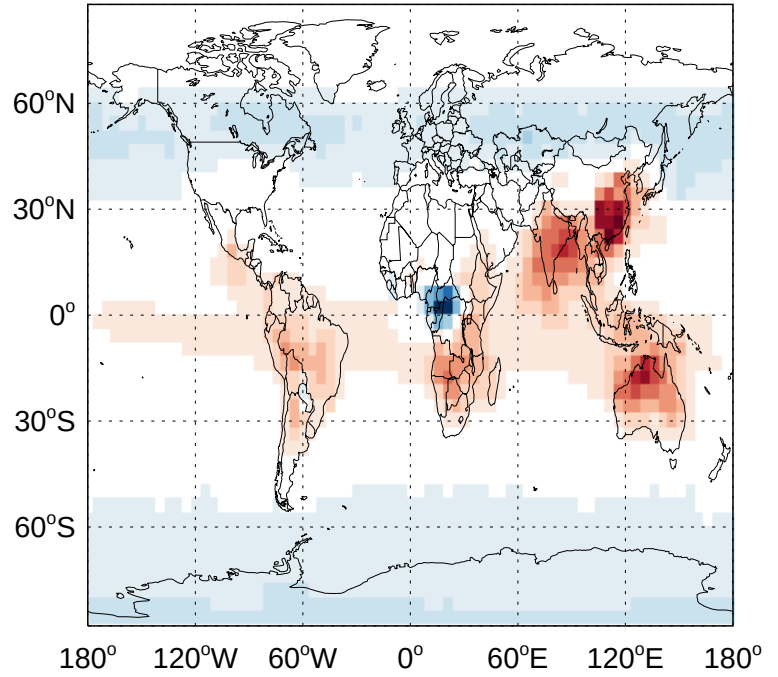
v11-02e-Run0 - v11-02d-Run1

JMACR - J-Value Diff @ surface for Jan



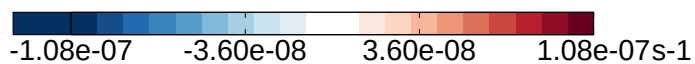
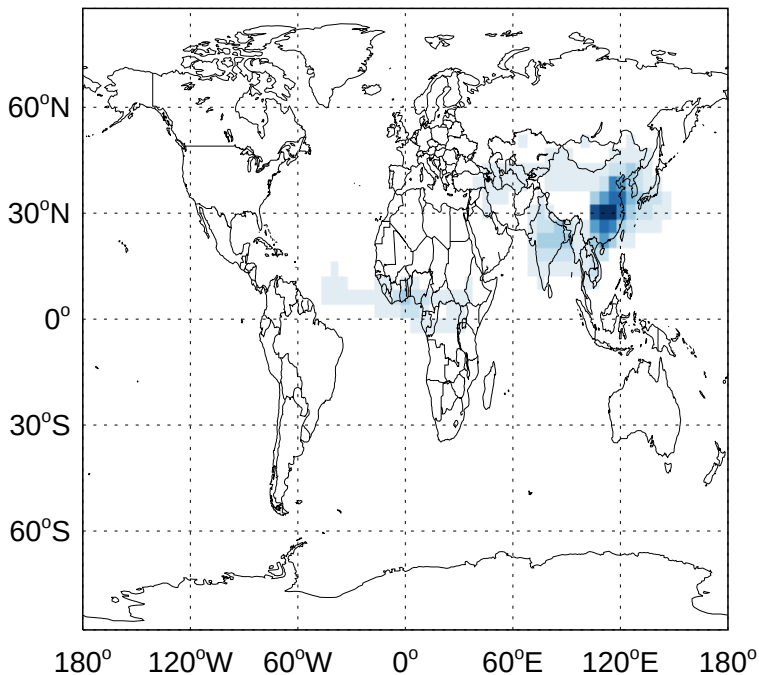
v11-02e-Run0 - v11-02d-Run1

JMACR - J-Value Diff @ 500 hPa for Jan



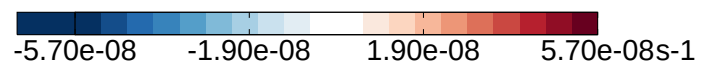
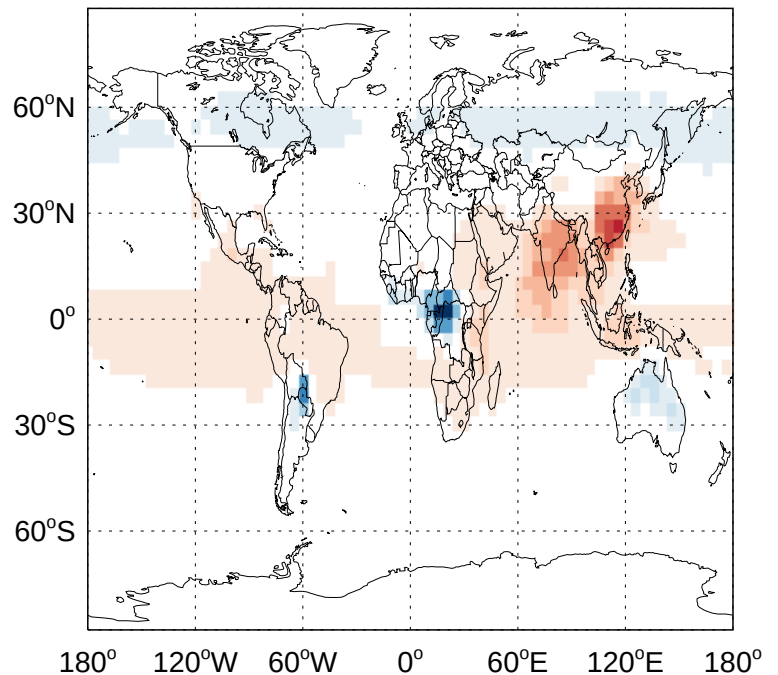
v11-02e-Run0 - v11-02c-Run0

JMACR - J-Value Diff @ surface for Jan



v11-02e-Run0 - v11-02c-Run0

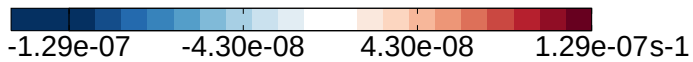
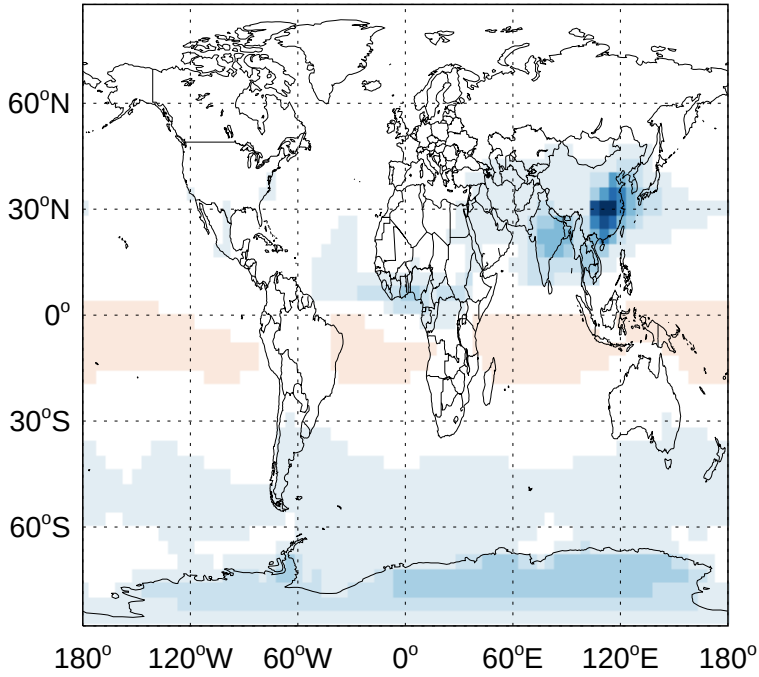
JMACR - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

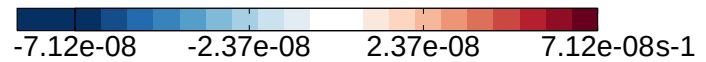
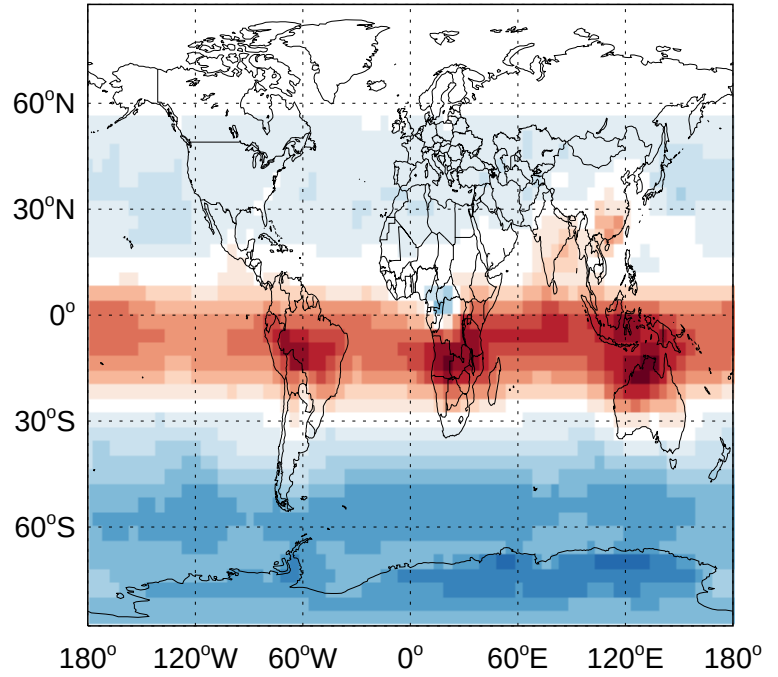
v11-02e-Run0 - v11-02d-Run1

JHAC - J-Value Diff @ surface for Jan



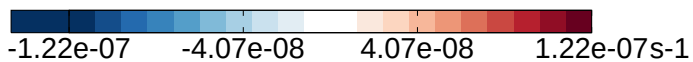
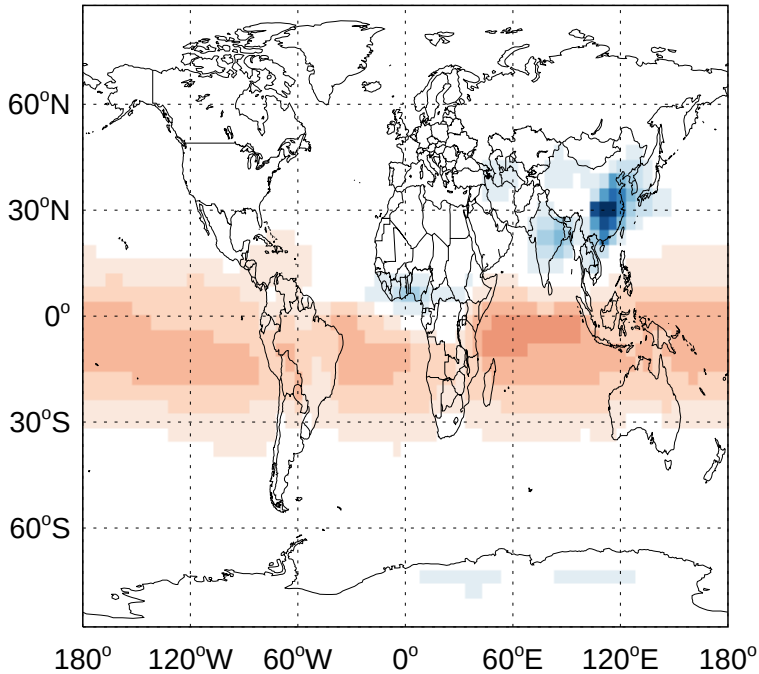
v11-02e-Run0 - v11-02d-Run1

JHAC - J-Value Diff @ 500 hPa for Jan



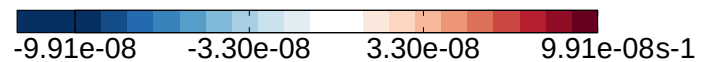
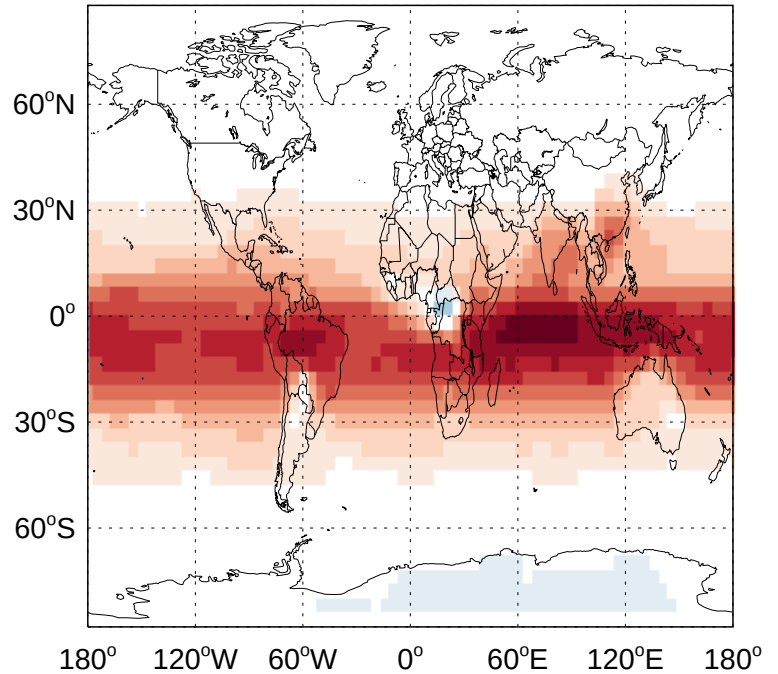
v11-02e-Run0 - v11-02c-Run0

JHAC - J-Value Diff @ surface for Jan



v11-02e-Run0 - v11-02c-Run0

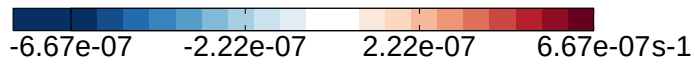
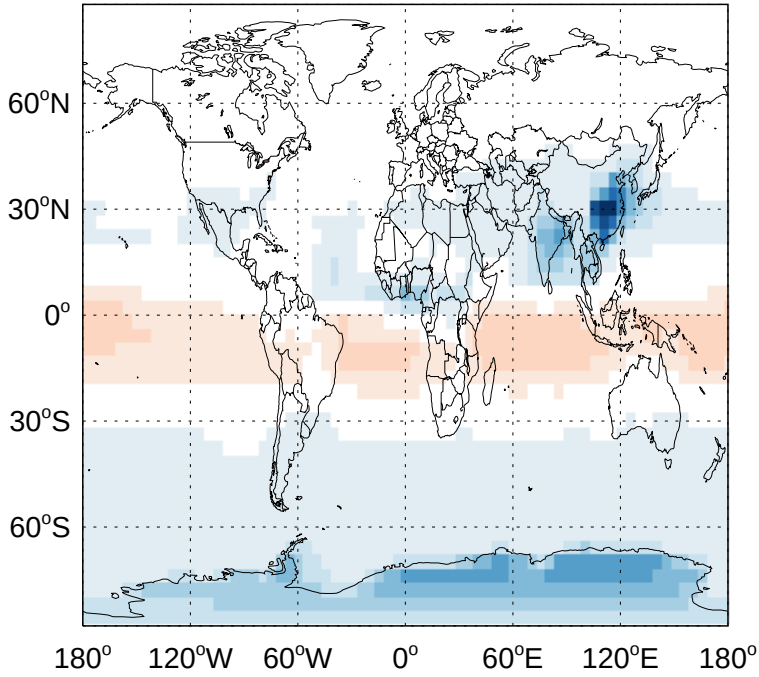
JHAC - J-Value Diff @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

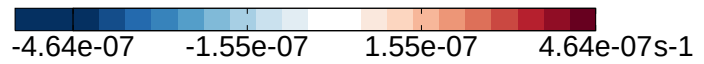
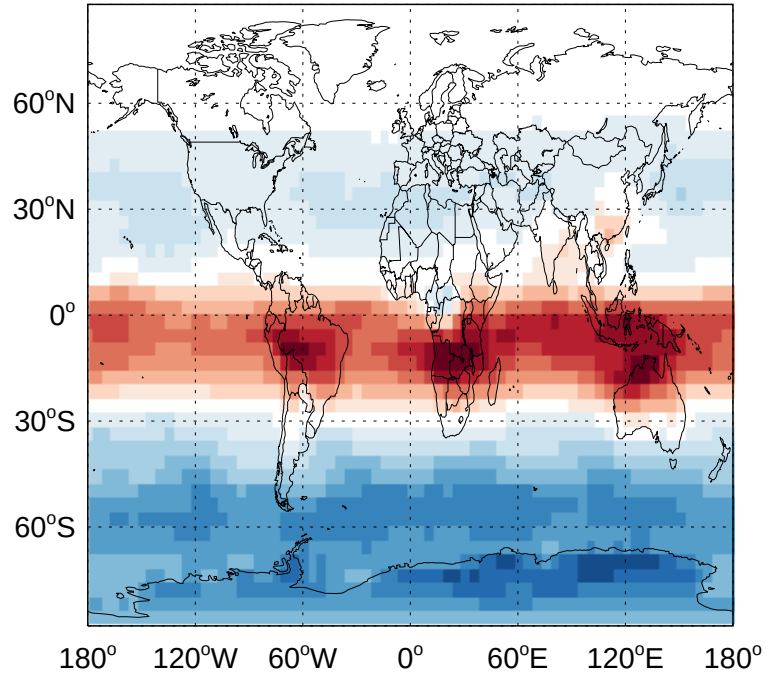
v11-02e-Run0 - v11-02d-Run1

JGLYC - J-Value Diff @ surface for Jan



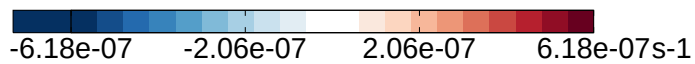
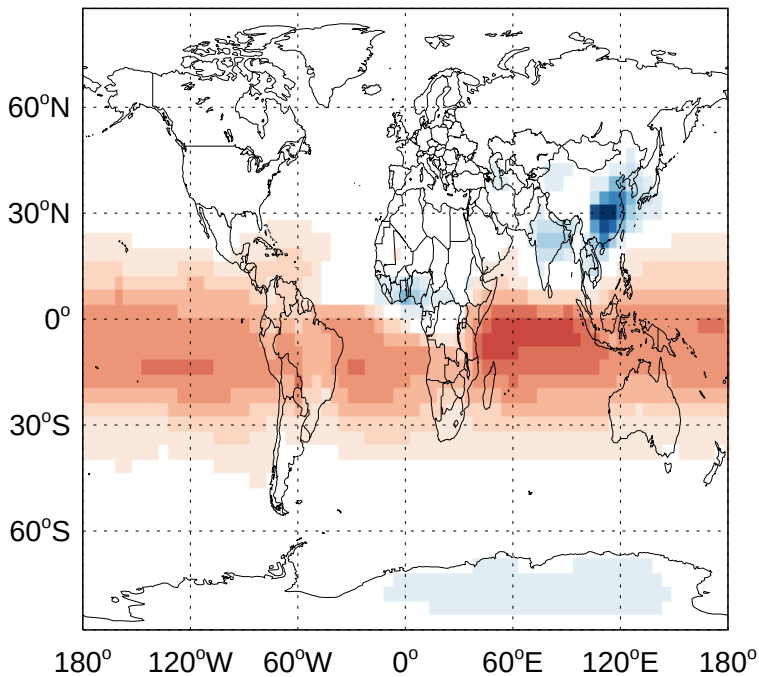
v11-02e-Run0 - v11-02d-Run1

JGLYC - J-Value Diff @ 500 hPa for Jan



v11-02e-Run0 - v11-02c-Run0

JGLYC - J-Value Diff @ surface for Jan



v11-02e-Run0 - v11-02c-Run0

JGLYC - J-Value Diff @ 500 hPa for Jan

