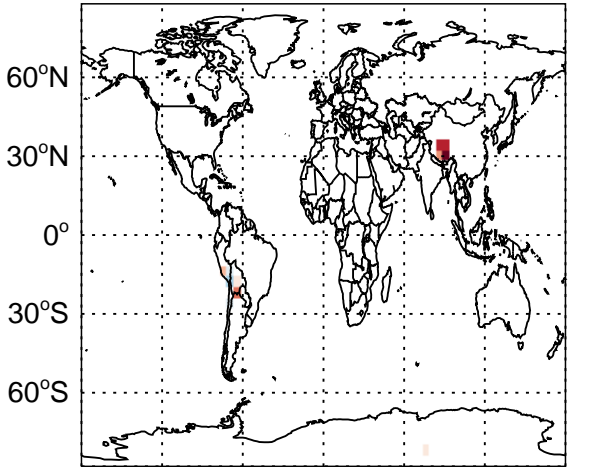


GEOS-Chem J-Values at surface and 500 hPa

v11-01 - v10-01

JNO - J-Value Diff @ surface for Jan

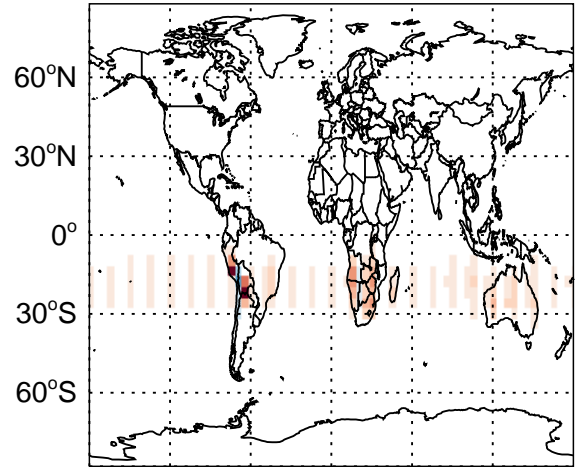


180° 120°W 60°W 0° 60°E 120°E 180°

-4.61e-22 -1.54e-22 1.54e-22 4.61e-22

v11-01 - v10-01

JNO - J-Value Diff @ 500 hPa for Jan

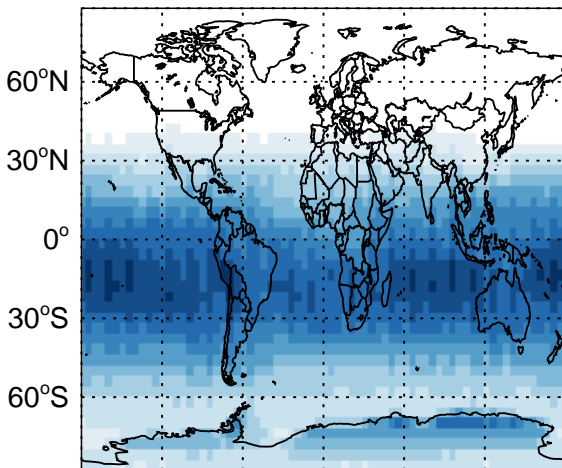


180° 120°W 60°W 0° 60°E 120°E 180°

-2.17e-17 -7.25e-18 7.25e-18 2.17e-17

v11-01 - v10-01

JO3_O1D - J-Value Diff @ surface for Jan

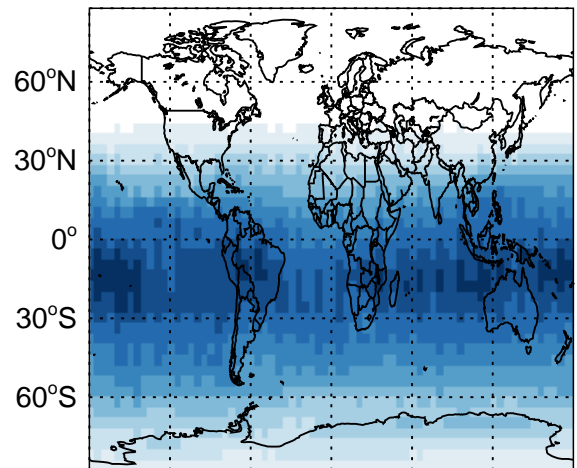


180° 120°W 60°W 0° 60°E 120°E 180°

-5.87e-05 -1.96e-05 1.96e-05 5.87e-05

v11-01 - v10-01

JO3_O1D - J-Value Diff @ 500 hPa for Jan



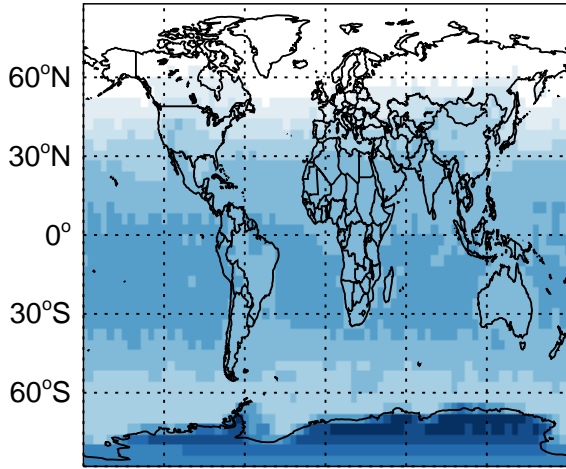
180° 120°W 60°W 0° 60°E 120°E 180°

-9.20e-05 -3.07e-05 3.07e-05 9.20e-05

GEOS-Chem J-Values at surface and 500 hPa

v11-01 - v10-01

JO3_O3P - J-Value Diff @ surface for Jan

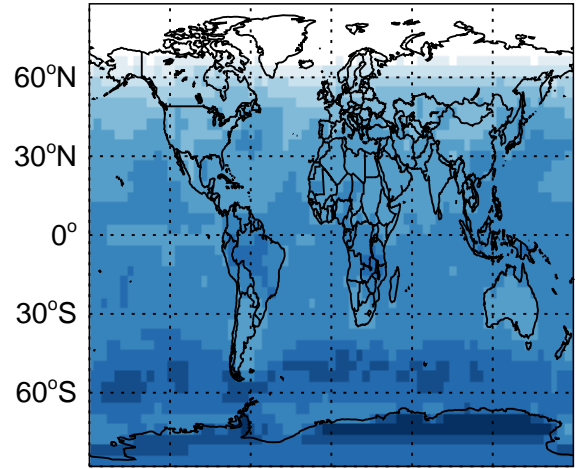


180° 120°W 60°W 0° 60°E 120°E 180°

-9.91e-04 -3.30e-04 3.30e-04 9.91e-04

v11-01 - v10-01

JO3_O3P - J-Value Diff @ 500 hPa for Jan

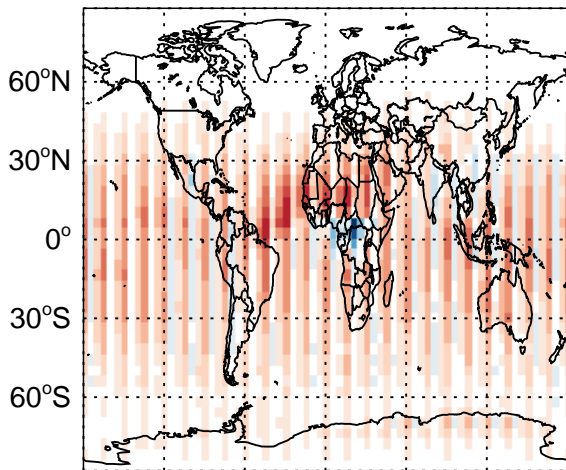


180° 120°W 60°W 0° 60°E 120°E 180°

-9.53e-04 -3.18e-04 3.18e-04 9.53e-04

v11-01 - v10-01

JHNO3 - J-Value Diff @ surface for Jan

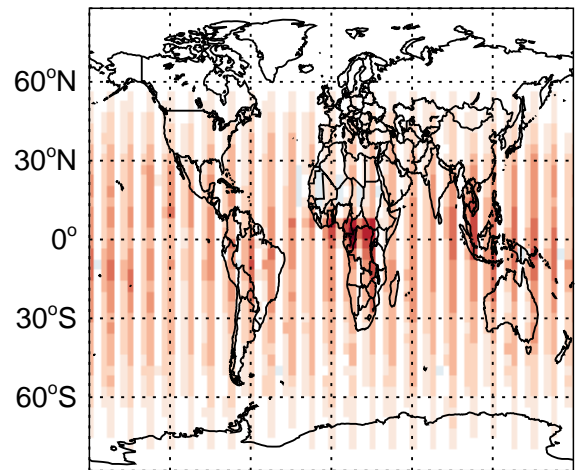


180° 120°W 60°W 0° 60°E 120°E 180°

-4.15e-08 -1.38e-08 1.38e-08 4.15e-08

v11-01 - v10-01

JHNO3 - J-Value Diff @ 500 hPa for Jan



180° 120°W 60°W 0° 60°E 120°E 180°

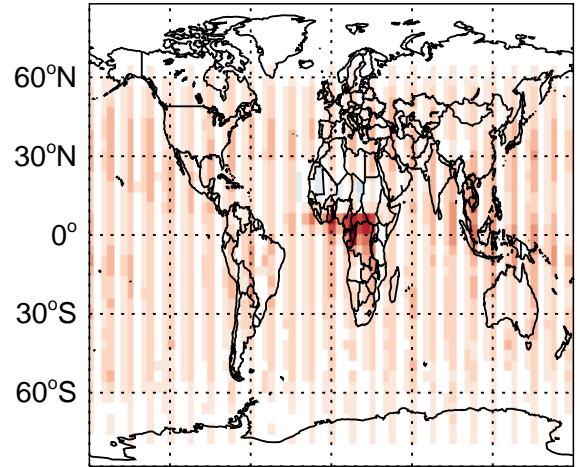
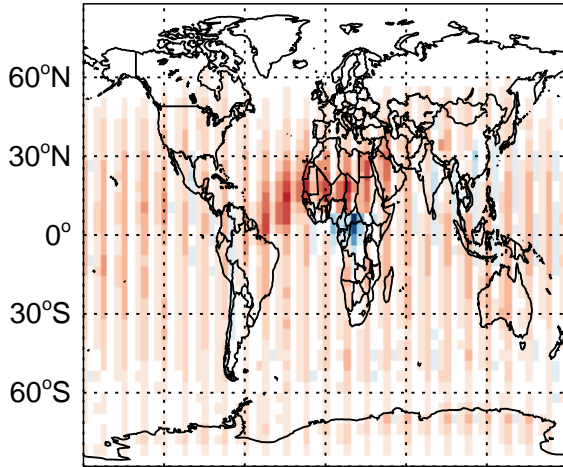
-5.96e-08 -1.99e-08 1.99e-08 5.96e-08

GEOS-Chem J-Values at surface and 500 hPa

v11-01 - v10-01

v11-01 - v10-01

JH2O2 - J-Value Diff @ surface for Jan JH2O2 - J-Value Diff @ 500 hPa for Jan



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

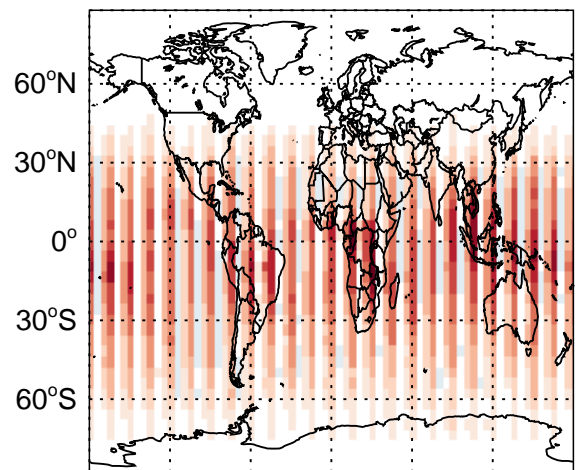
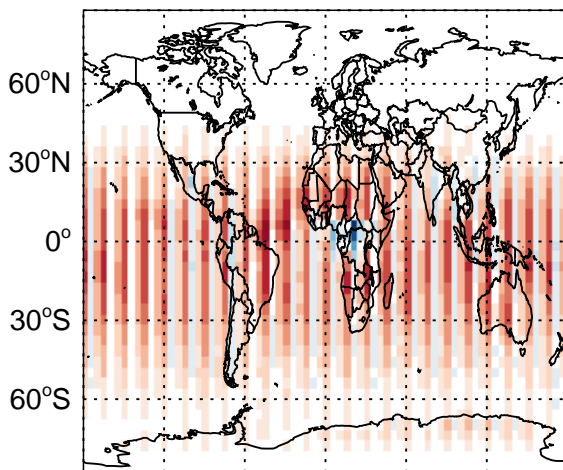
-4.23e-07 -1.41e-07 1.41e-07 4.23e-07

-6.24e-07 -2.08e-07 2.08e-07 6.24e-07

v11-01 - v10-01

v11-01 - v10-01

JACET - J-Value Diff @ surface for Jan JACET - J-Value Diff @ 500 hPa for Jan



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

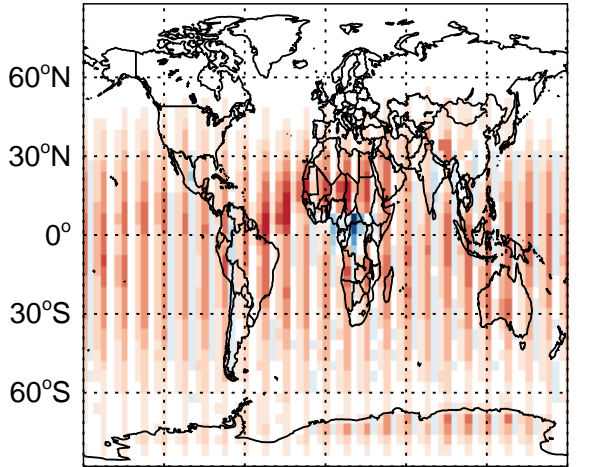
-4.80e-08 -1.60e-08 1.60e-08 4.80e-08

-7.19e-08 -2.40e-08 2.40e-08 7.19e-08

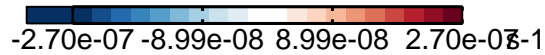
GEOS-Chem J-Values at surface and 500 hPa

v11-01 - v10-01

JALD2 - J-Value Diff @ surface for Jan

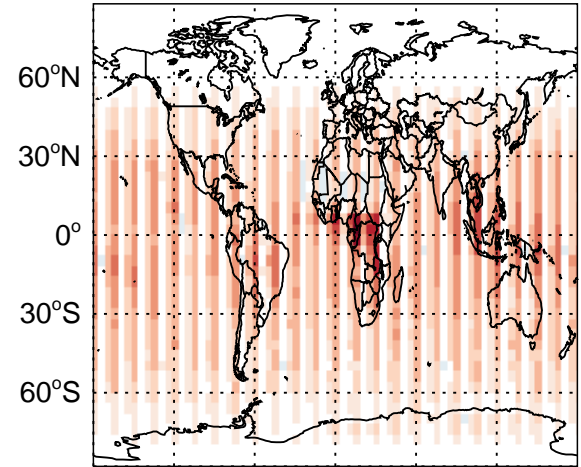


180° 120°W 60°W 0° 60°E 120°E 180°

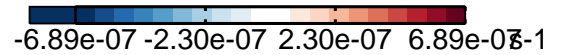


v11-01 - v10-01

JALD2 - J-Value Diff @ 500 hPa for Jan

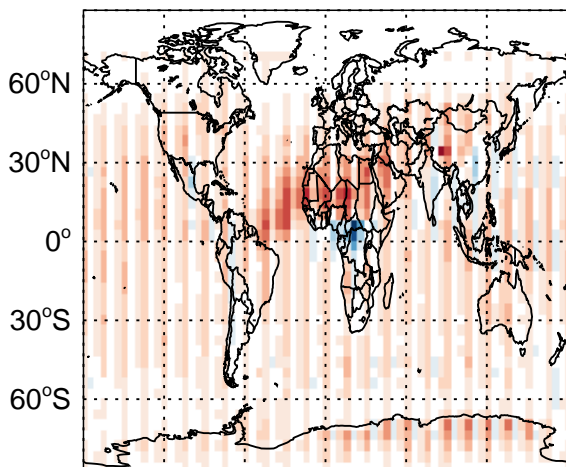


180° 120°W 60°W 0° 60°E 120°E 180°

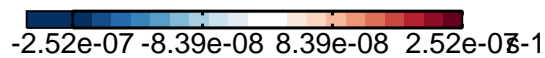


v11-01 - v10-01

JMVK - J-Value Diff @ surface for Jan

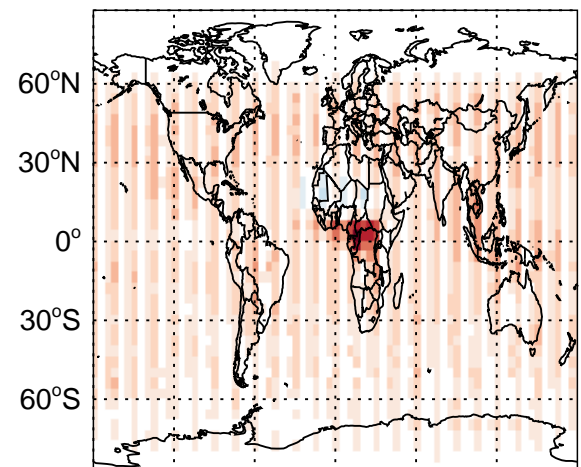


180° 120°W 60°W 0° 60°E 120°E 180°

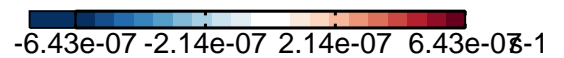


v11-01 - v10-01

JMVK - J-Value Diff @ 500 hPa for Jan



180° 120°W 60°W 0° 60°E 120°E 180°

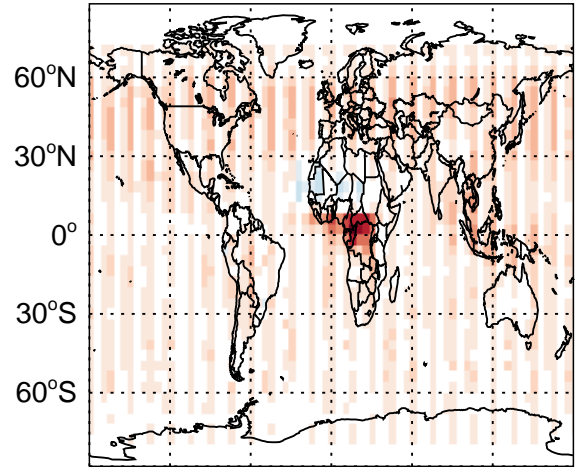
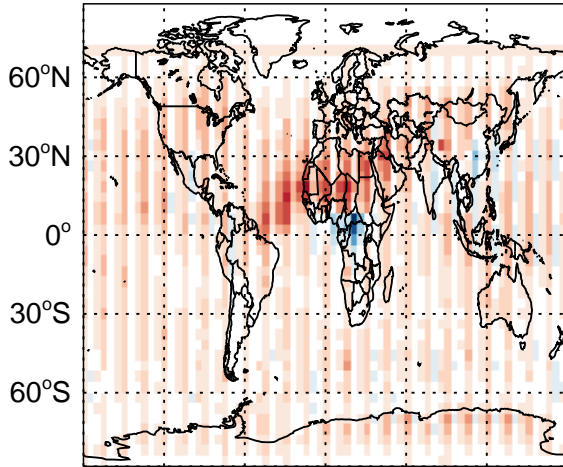


GEOS-Chem J-Values at surface and 500 hPa

v11-01 - v10-01

v11-01 - v10-01

JMACR - J-Value Diff @ surface for Jan JMACR - J-Value Diff @ 500 hPa for Jan



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

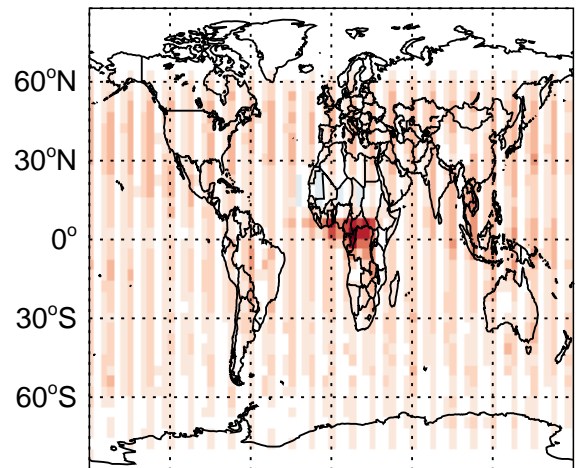
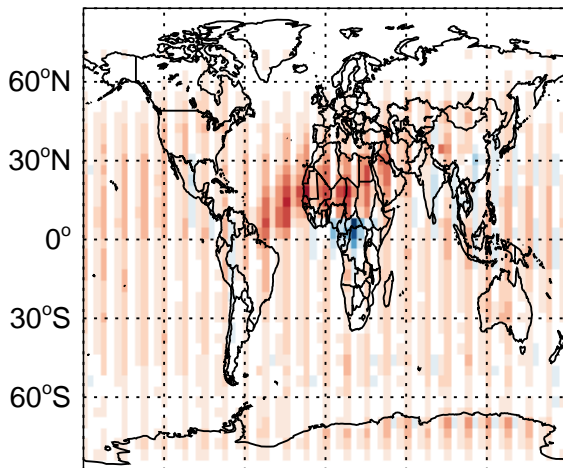
-7.25e-08 -2.42e-08 2.42e-08 7.25e-08

-1.30e-07 -4.32e-08 4.32e-08 1.30e-07

v11-01 - v10-01

v11-01 - v10-01

JCH2O - J-Value Diff @ surface for Jan JCH2O - J-Value Diff @ 500 hPa for Jan



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

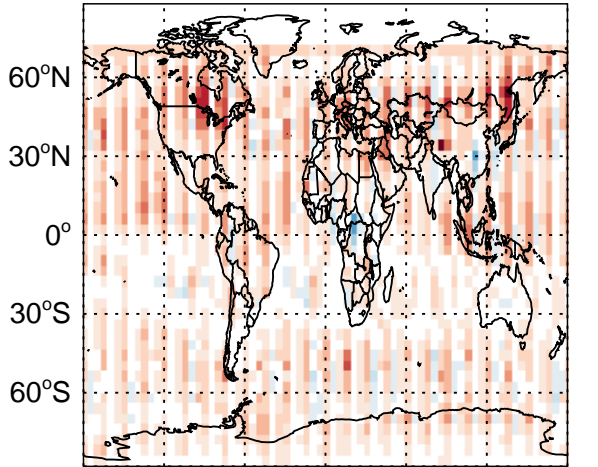
-4.90e-06 -1.63e-06 1.63e-06 4.90e-06

-7.60e-06 -2.53e-06 2.53e-06 7.60e-06

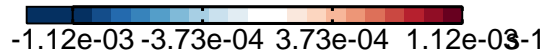
GEOS-Chem J-Values at surface and 500 hPa

v11-01 - v10-01

JBr2 - J-Value Diff @ surface for Jan

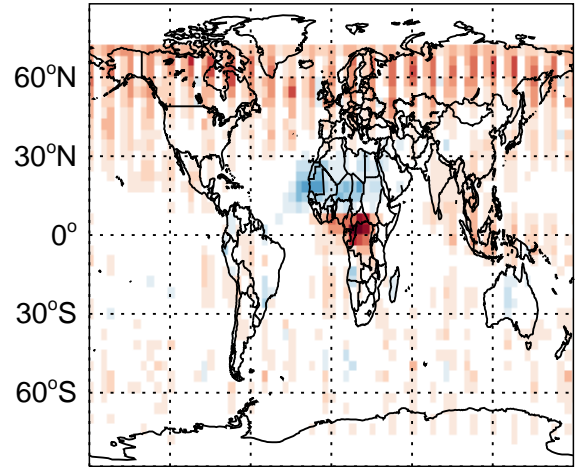


180° 120°W 60°W 0° 60°E 120°E 180°

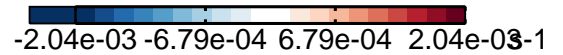


v11-01 - v10-01

JBr2 - J-Value Diff @ 500 hPa for Jan

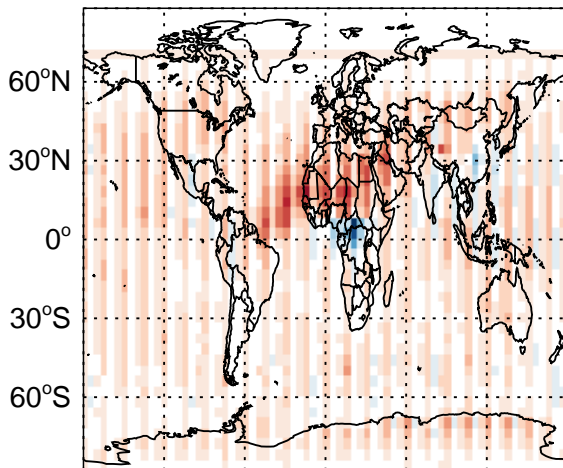


180° 120°W 60°W 0° 60°E 120°E 180°

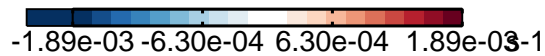


v11-01 - v10-01

JBrO - J-Value Diff @ surface for Jan

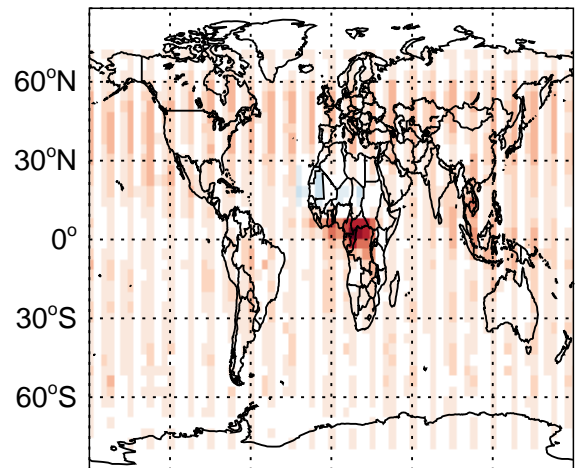


180° 120°W 60°W 0° 60°E 120°E 180°

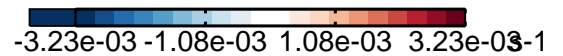


v11-01 - v10-01

JBrO - J-Value Diff @ 500 hPa for Jan



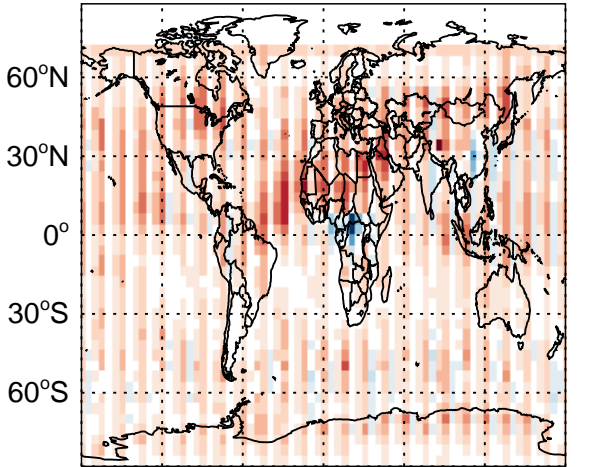
180° 120°W 60°W 0° 60°E 120°E 180°



GEOS-Chem J-Values at surface and 500 hPa

v11-01 - v10-01

JHOBr - J-Value Diff @ surface for Jan

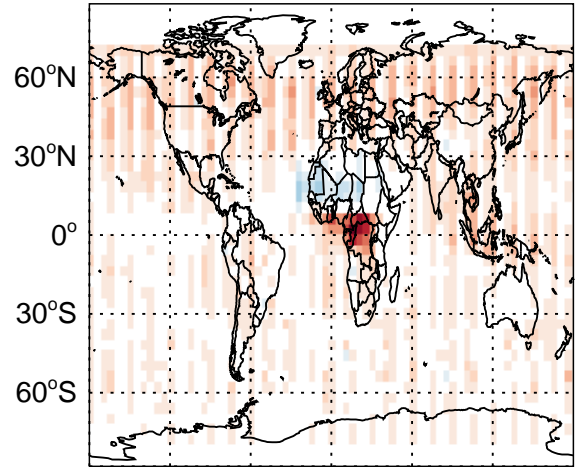


180° 120°W 60°W 0° 60°E 120°E 180°

-7.51e-05 -2.50e-05 2.50e-05 7.51e-05

v11-01 - v10-01

JHOBr - J-Value Diff @ 500 hPa for Jan

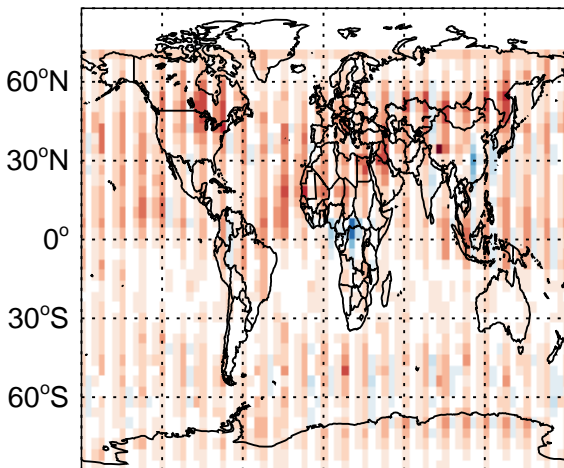


180° 120°W 60°W 0° 60°E 120°E 180°

-1.67e-04 -5.56e-05 5.56e-05 1.67e-04

v11-01 - v10-01

JBrNO2 - J-Value Diff @ surface for Jan

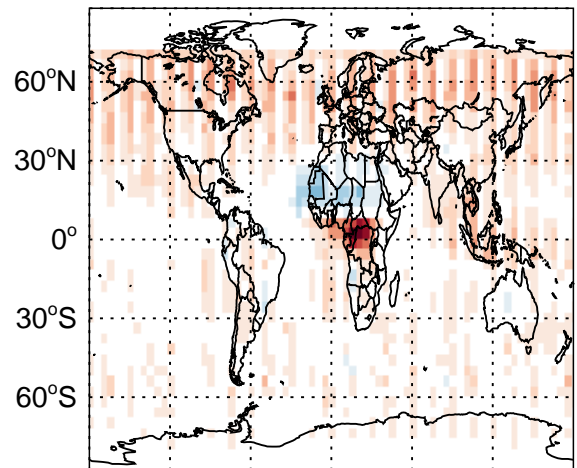


180° 120°W 60°W 0° 60°E 120°E 180°

-2.18e-04 -7.26e-05 7.26e-05 2.18e-04

v11-01 - v10-01

JBrNO2 - J-Value Diff @ 500 hPa for Jan



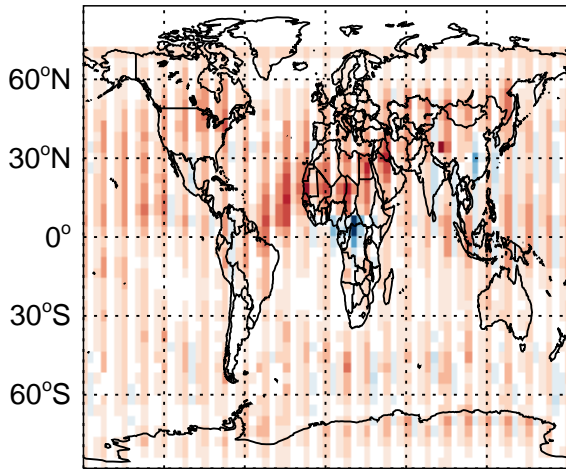
180° 120°W 60°W 0° 60°E 120°E 180°

-4.50e-04 -1.50e-04 1.50e-04 4.50e-04

GEOS-Chem J-Values at surface and 500 hPa

v11-01 - v10-01

JBrNO3 - J-Value Diff @ surface for Jan

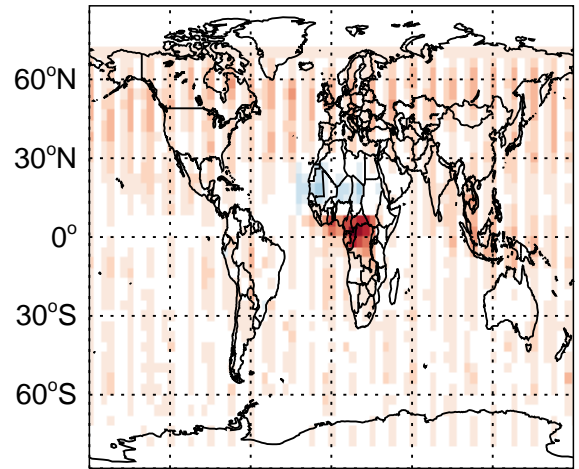


180° 120°W 60°W 0° 60°E 120°E 180°

-5.12e-05 -1.71e-05 1.71e-05 5.12e-05

v11-01 - v10-01

JBrNO3 - J-Value Diff @ 500 hPa for Jan

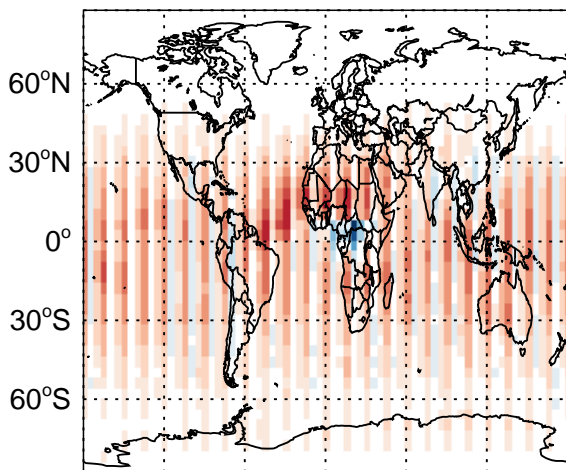


180° 120°W 60°W 0° 60°E 120°E 180°

-1.05e-04 -3.49e-05 3.49e-05 1.05e-04

v11-01 - v10-01

JCHBr3 - J-Value Diff @ surface for Jan

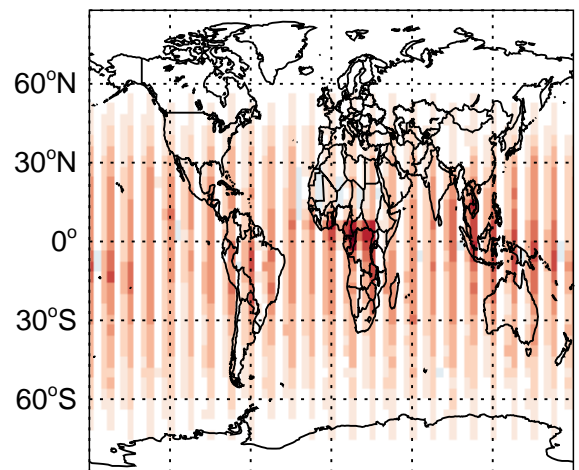


180° 120°W 60°W 0° 60°E 120°E 180°

-9.20e-08 -3.07e-08 3.07e-08 9.20e-08

v11-01 - v10-01

JCHBr3 - J-Value Diff @ 500 hPa for Jan



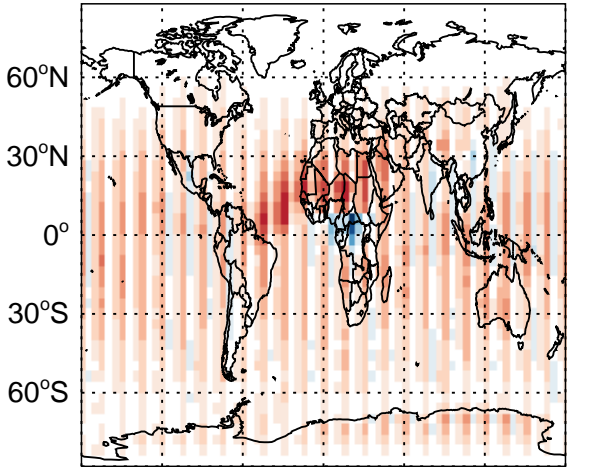
180° 120°W 60°W 0° 60°E 120°E 180°

-1.18e-07 -3.93e-08 3.93e-08 1.18e-07

GEOS-Chem J-Values at surface and 500 hPa

v11-01 - v10-01

JHAC - J-Value Diff @ surface for Jan

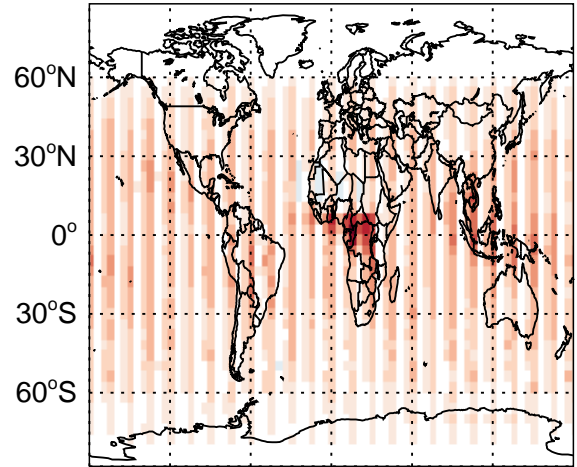


180° 120°W 60°W 0° 60°E 120°E 180°

-1.25e-07 -4.18e-08 4.18e-08 1.25e-07

v11-01 - v10-01

JHAC - J-Value Diff @ 500 hPa for Jan

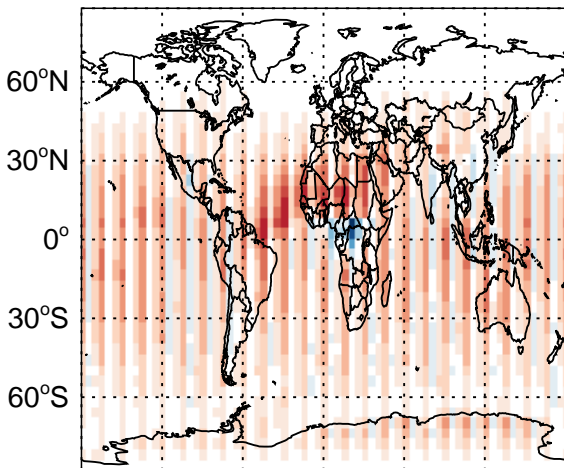


180° 120°W 60°W 0° 60°E 120°E 180°

-2.02e-07 -6.73e-08 6.73e-08 2.02e-07

v11-01 - v10-01

JGLYC - J-Value Diff @ surface for Jan

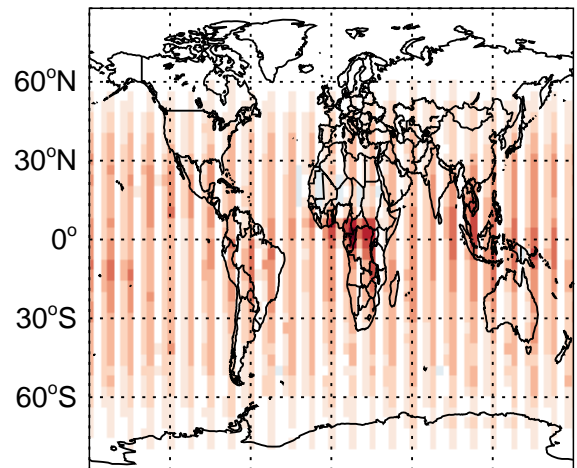


180° 120°W 60°W 0° 60°E 120°E 180°

-7.19e-07 -2.40e-07 2.40e-07 7.19e-07

v11-01 - v10-01

JGLYC - J-Value Diff @ 500 hPa for Jan



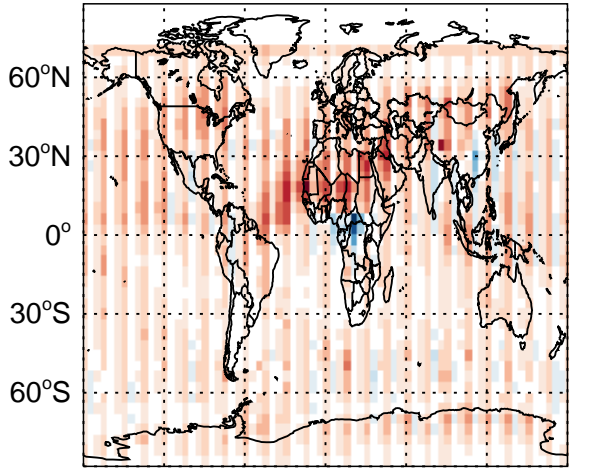
180° 120°W 60°W 0° 60°E 120°E 180°

-1.18e-06 -3.93e-07 3.93e-07 1.18e-06

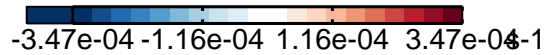
GEOS-Chem J-Values at surface and 500 hPa

v11-01 - v10-01

JNO2 - J-Value Diff @ surface for Jan

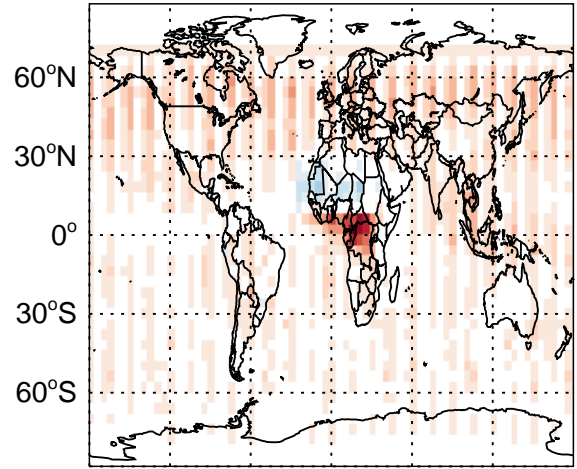


180° 120°W 60°W 0° 60°E 120°E 180°

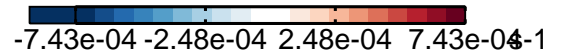


v11-01 - v10-01

JNO2 - J-Value Diff @ 500 hPa for Jan

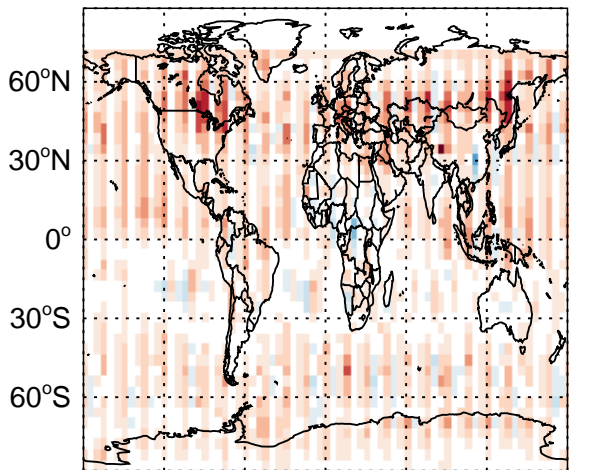


180° 120°W 60°W 0° 60°E 120°E 180°

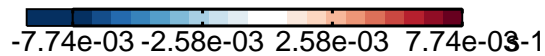


v11-01 - v10-01

JNO3 - J-Value Diff @ surface for Jan

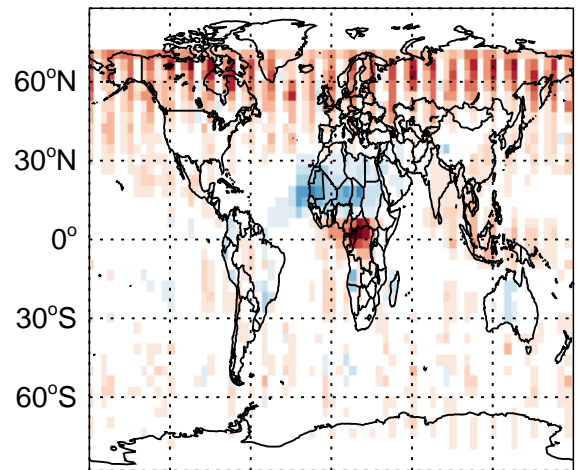


180° 120°W 60°W 0° 60°E 120°E 180°

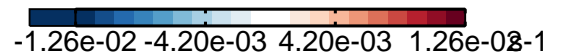


v11-01 - v10-01

JNO3 - J-Value Diff @ 500 hPa for Jan



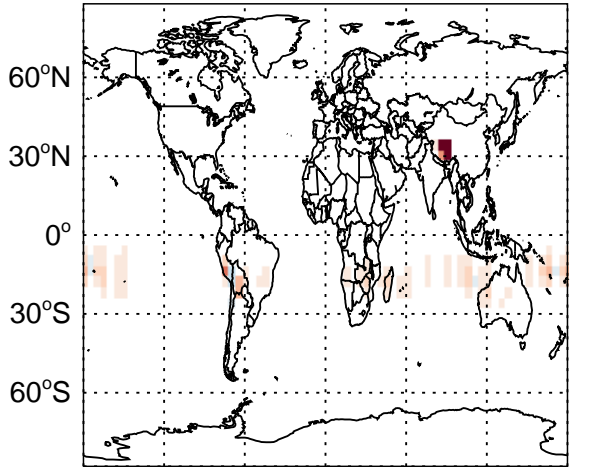
180° 120°W 60°W 0° 60°E 120°E 180°



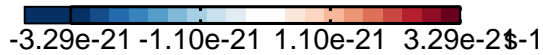
GEOS-Chem J-Values at surface and 500 hPa

v11-01 - v10-01

JN2O - J-Value Diff @ surface for Jan

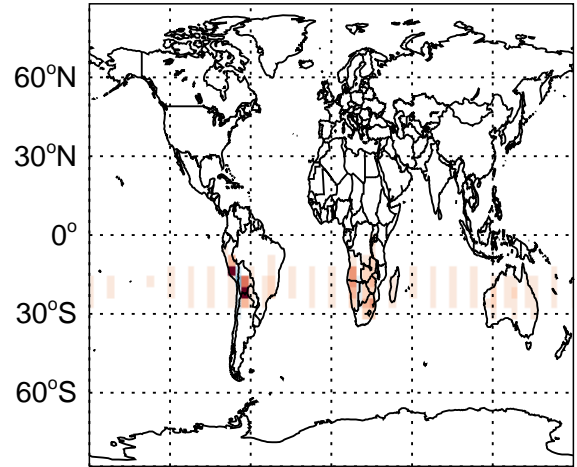


180° 120°W 60°W 0° 60°E 120°E 180°

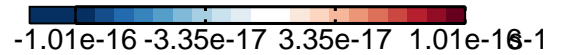


v11-01 - v10-01

JN2O - J-Value Diff @ 500 hPa for Jan

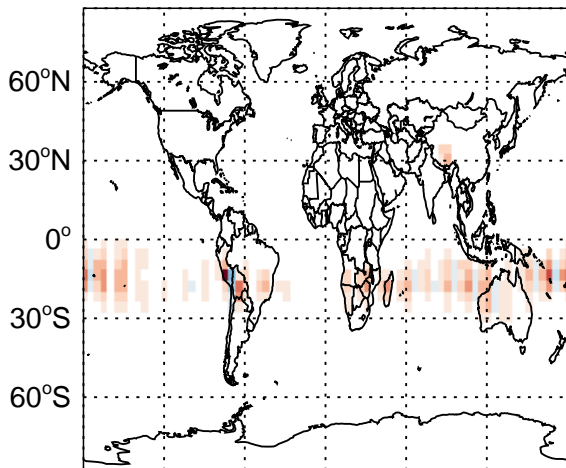


180° 120°W 60°W 0° 60°E 120°E 180°

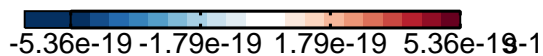


v11-01 - v10-01

JCCI4 - J-Value Diff @ surface for Jan

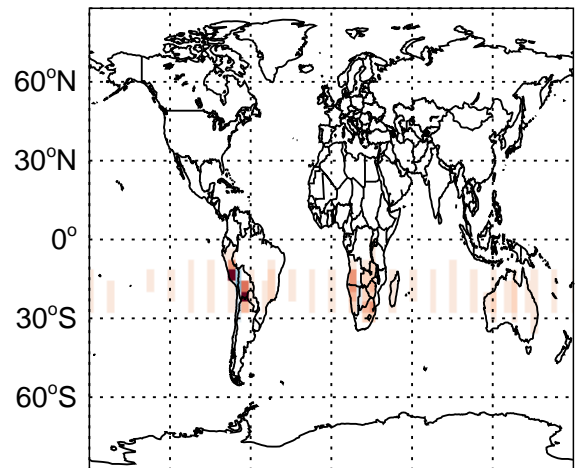


180° 120°W 60°W 0° 60°E 120°E 180°

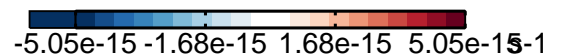


v11-01 - v10-01

JCCI4 - J-Value Diff @ 500 hPa for Jan



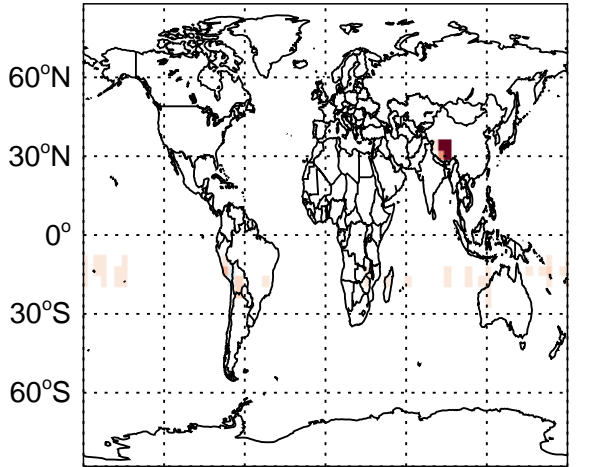
180° 120°W 60°W 0° 60°E 120°E 180°



GEOS-Chem J-Values at surface and 500 hPa

v11-01 - v10-01

JCH3Cl - J-Value Diff @ surface for Jan

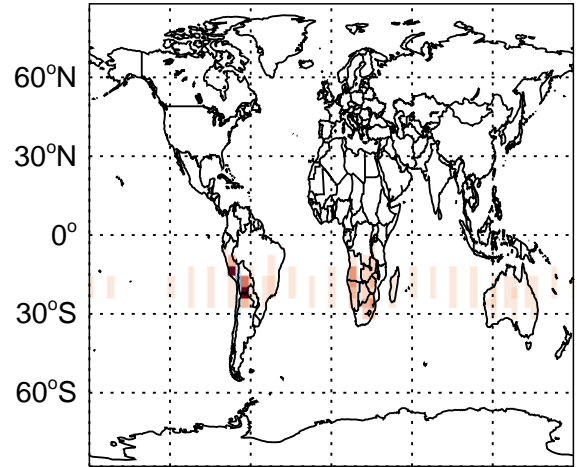


180° 120°W 60°W 0° 60°E 120°E 180°

-1.22e-21 -4.05e-22 4.05e-22 1.22e-21

v11-01 - v10-01

JCH3Cl - J-Value Diff @ 500 hPa for Jan

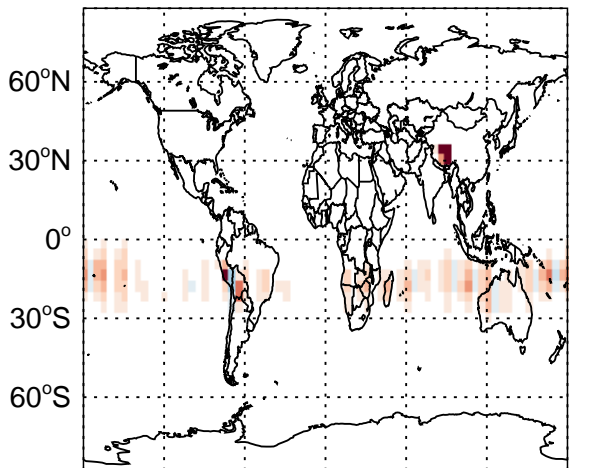


180° 120°W 60°W 0° 60°E 120°E 180°

-3.71e-17 -1.24e-17 1.24e-17 3.71e-17

v11-01 - v10-01

JCFC11 - J-Value Diff @ surface for Jan

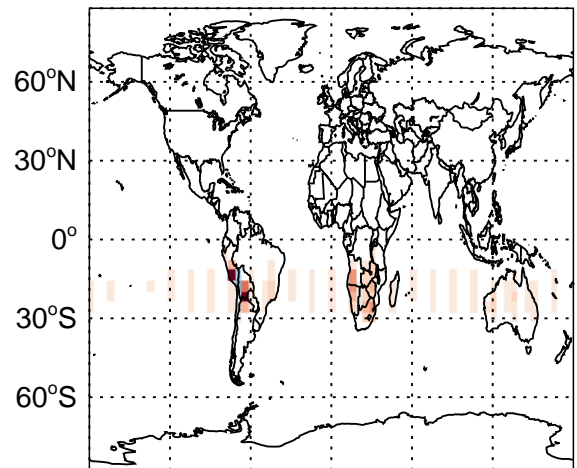


180° 120°W 60°W 0° 60°E 120°E 180°

-6.31e-20 -2.10e-20 2.10e-20 6.31e-20

v11-01 - v10-01

JCFC11 - J-Value Diff @ 500 hPa for Jan



180° 120°W 60°W 0° 60°E 120°E 180°

-1.94e-15 -6.47e-16 6.47e-16 1.94e-15

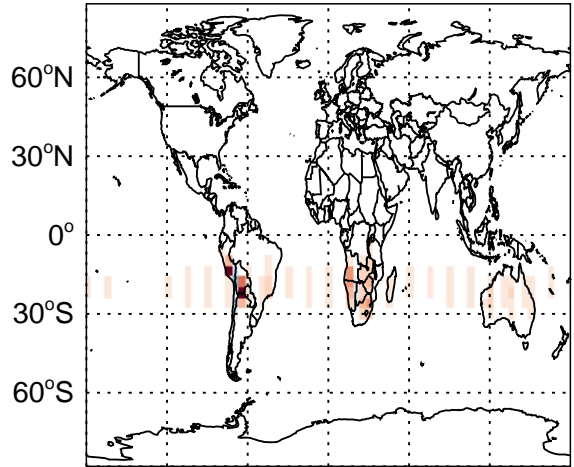
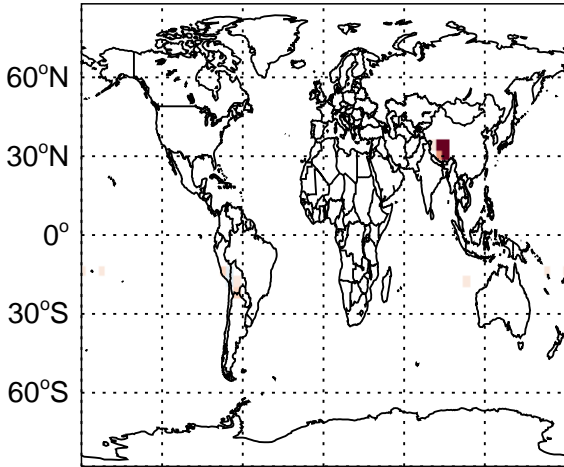
GEOS-Chem J-Values at surface and 500 hPa

v11-01 - v10-01

v11-01 - v10-01

JCFC12 - J-Value Diff @ surface for Jan

JCFC12 - J-Value Diff @ 500 hPa for Jan



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

-4.72e-21 -1.57e-21 1.57e-21 4.72e-21

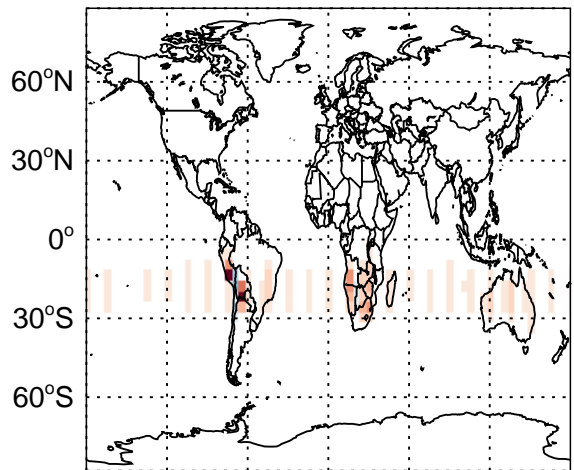
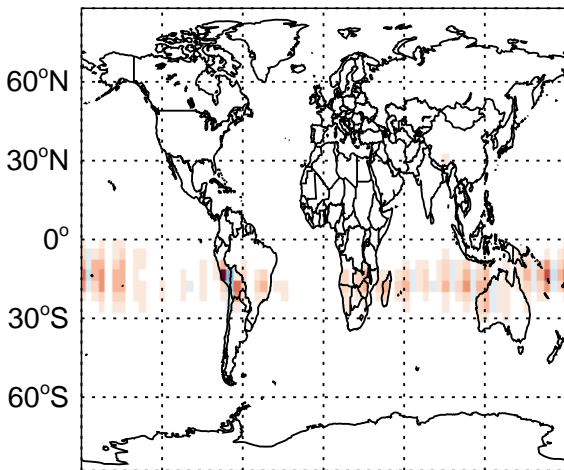
-1.46e-16 -4.88e-17 4.88e-17 1.46e-16

v11-01 - v10-01

v11-01 - v10-01

JO2 - J-Value Diff @ surface for Jan

JO2 - J-Value Diff @ 500 hPa for Jan



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

-2.24e-23 -7.45e-24 7.45e-24 2.24e-23

-7.42e-20 -2.47e-20 2.47e-20 7.42e-20