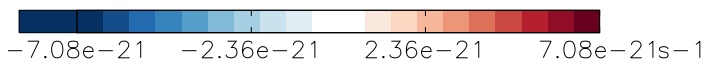
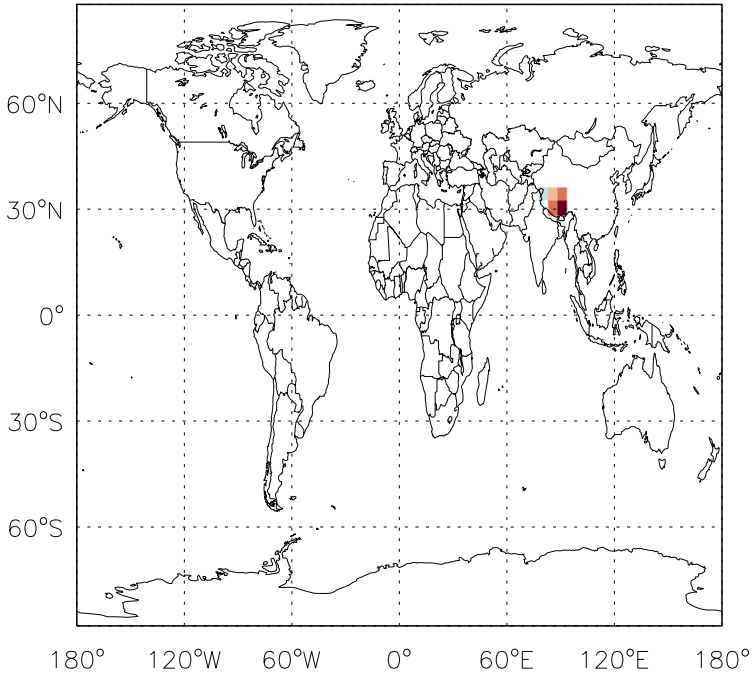


GEOS-Chem J-Values at surface and 500 hPa

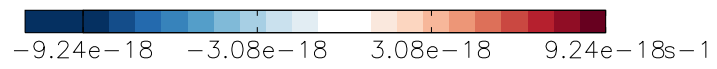
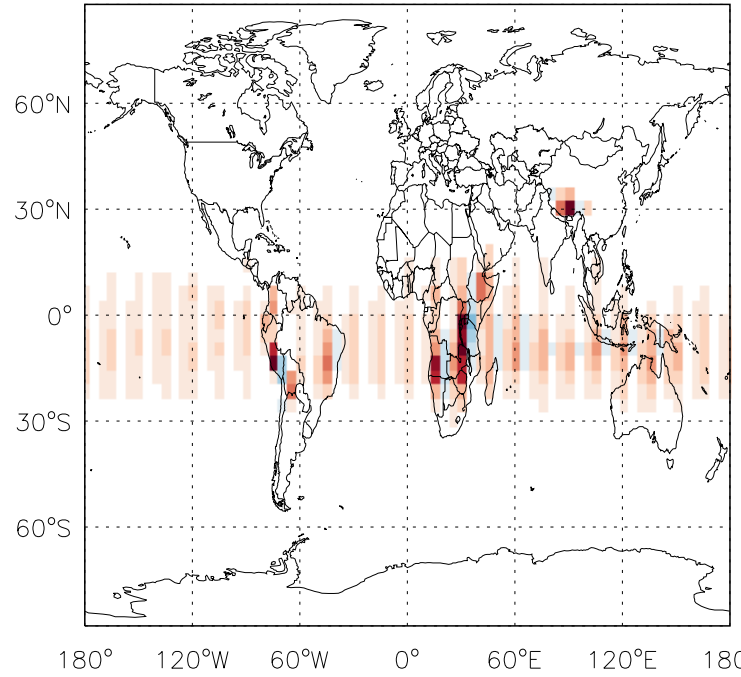
v11-01f-geosp-Run0 - v11-01d-Run1

JNO - J-Value Diff @ surface for Oct



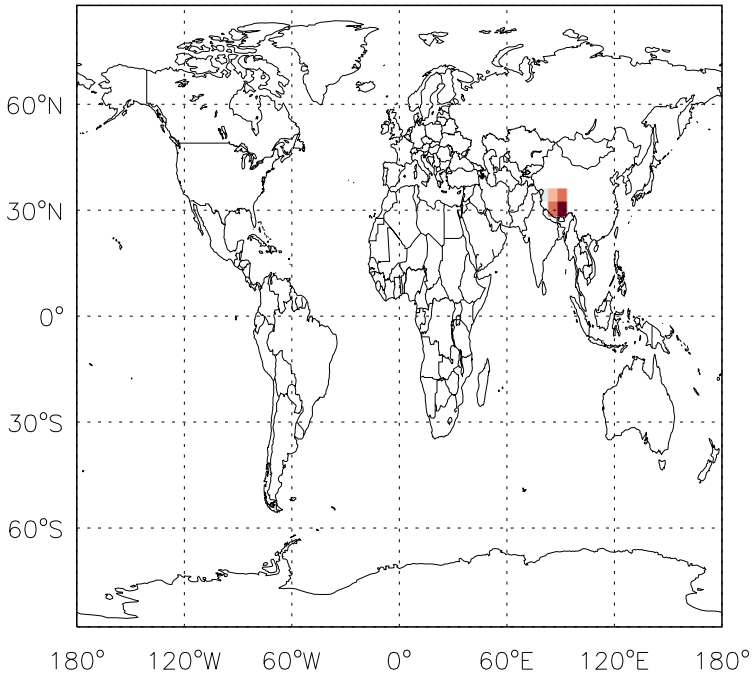
v11-01f-geosp-Run0 - v11-01d-Run1

JNO - J-Value Diff @ 500 hPa for Oct



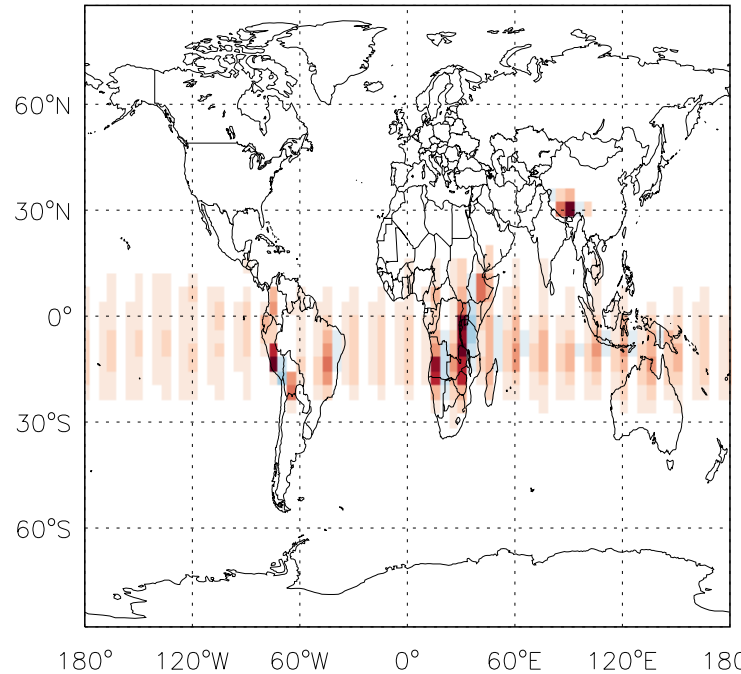
v11-01f-geosp-Run0 - v11-01b-Run0

JNO - J-Value Diff @ surface for Oct



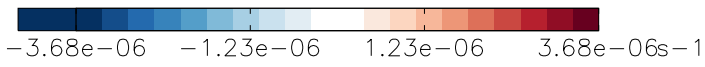
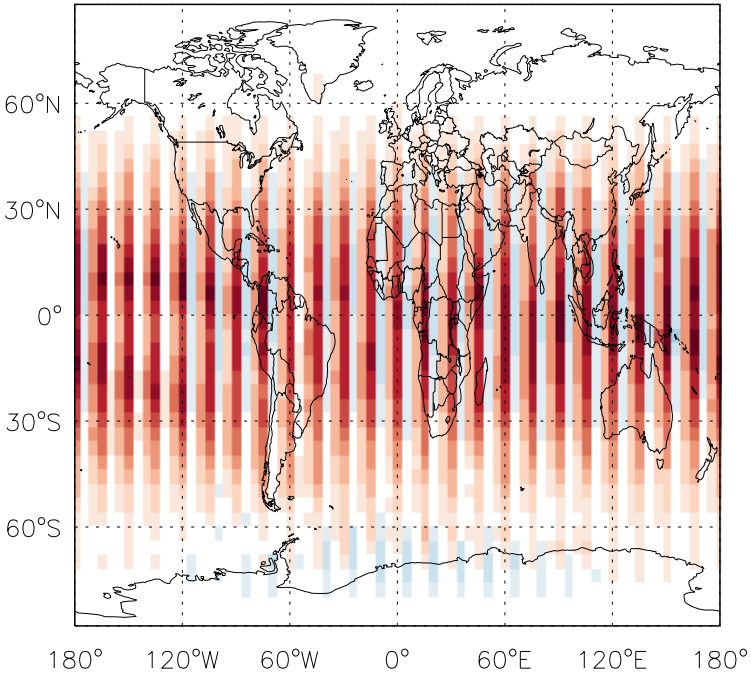
v11-01f-geosp-Run0 - v11-01b-Run0

JNO - J-Value Diff @ 500 hPa for Oct

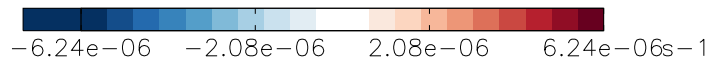
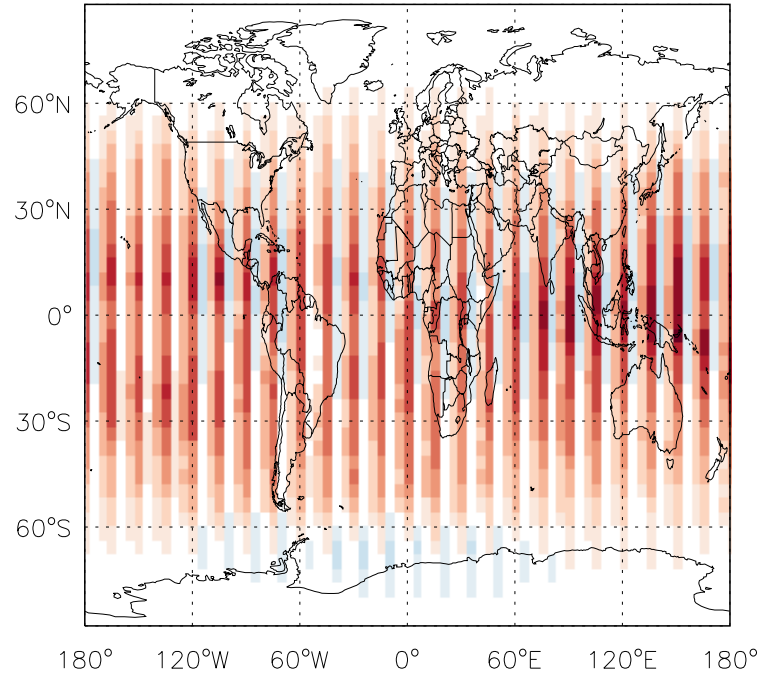


GEOS-Chem J-Values at surface and 500 hPa

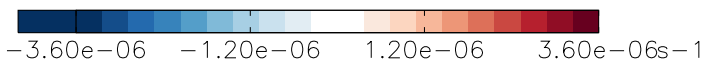
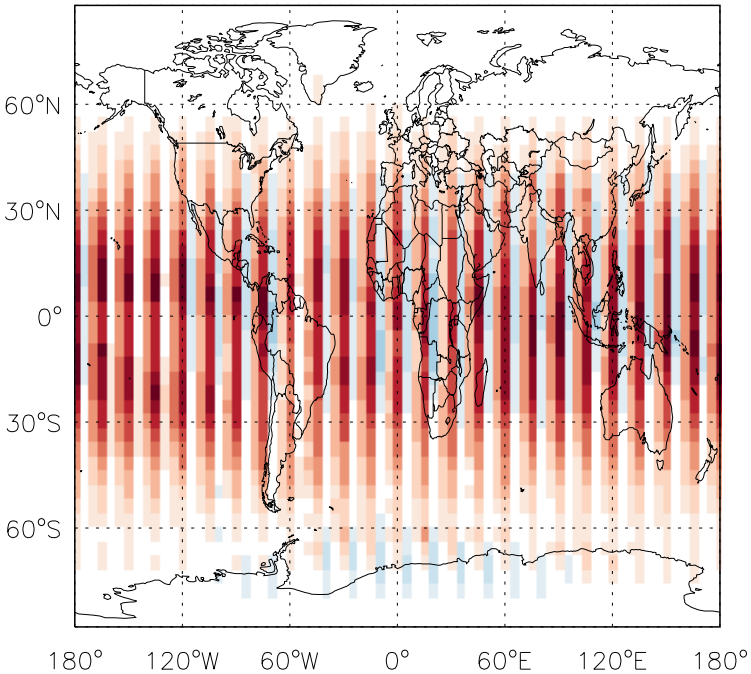
v11-01f-geosp-Run0 - v11-01d-Run1
J03_01D - J-Value Diff @ surface for Oct



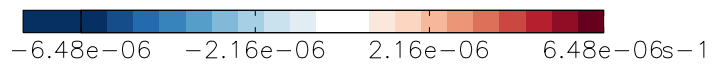
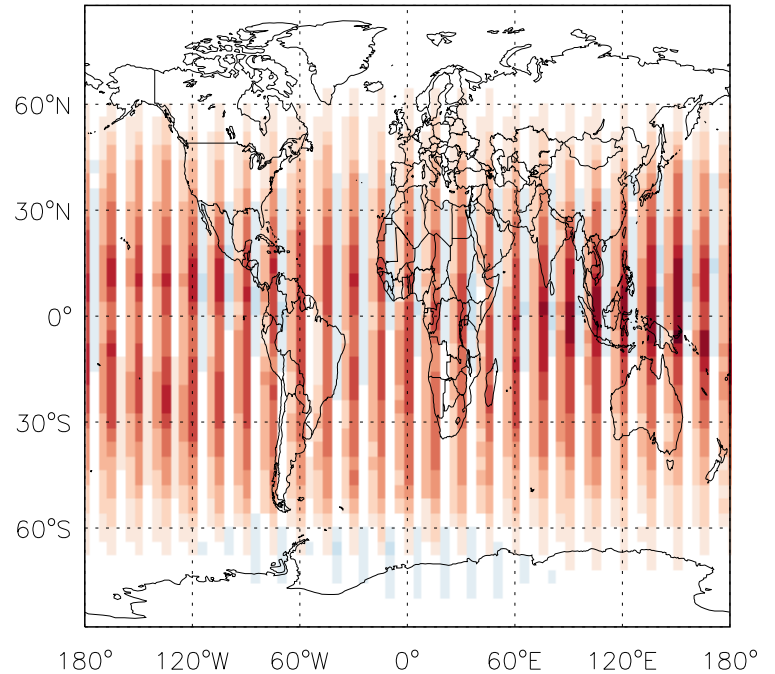
v11-01f-geosp-Run0 - v11-01d-Run1
J03_01D - J-Value Diff @ 500 hPa for Oct



v11-01f-geosp-Run0 - v11-01b-Run0
J03_01D - J-Value Diff @ surface for Oct

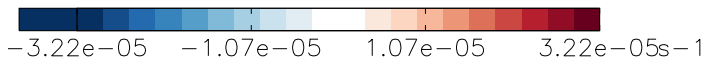
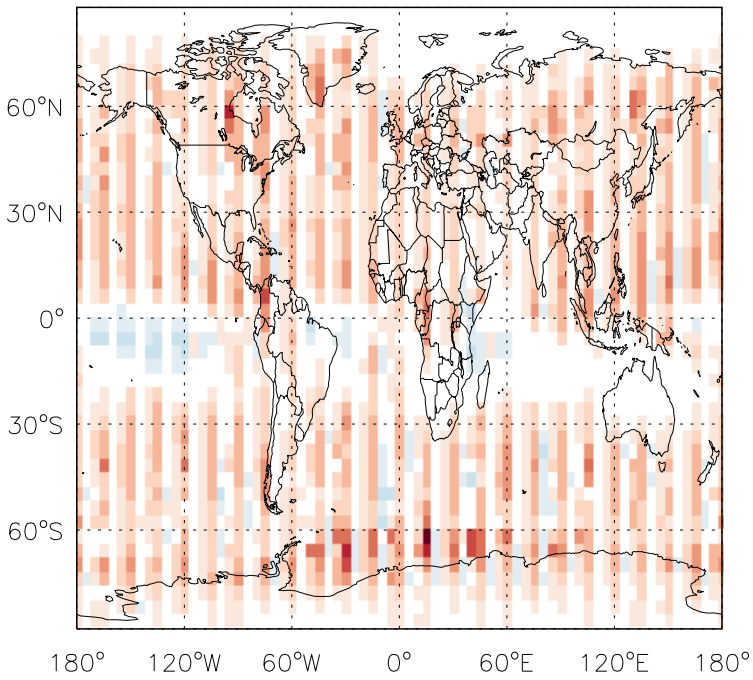


v11-01f-geosp-Run0 - v11-01b-Run0
J03_01D - J-Value Diff @ 500 hPa for Oct

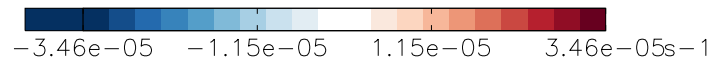
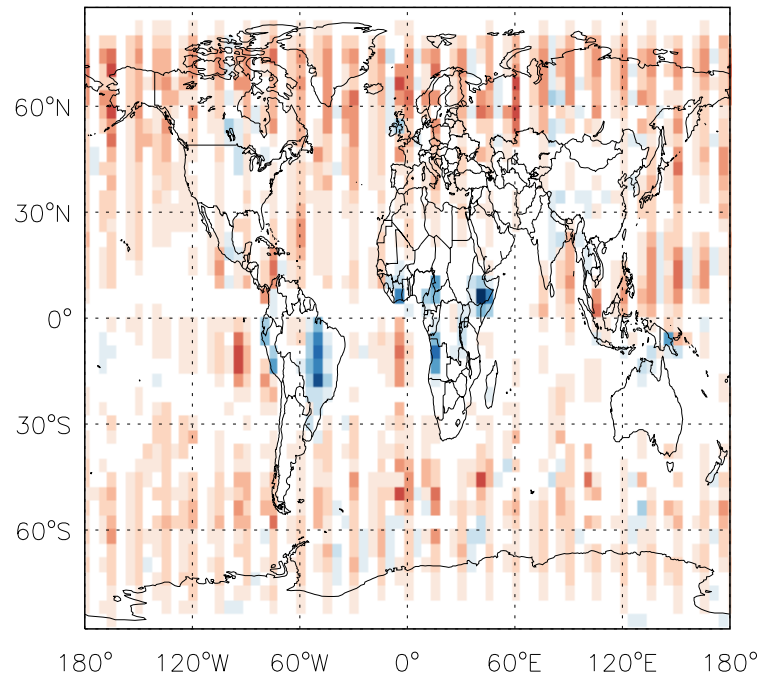


GEOS-Chem J-Values at surface and 500 hPa

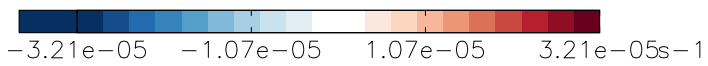
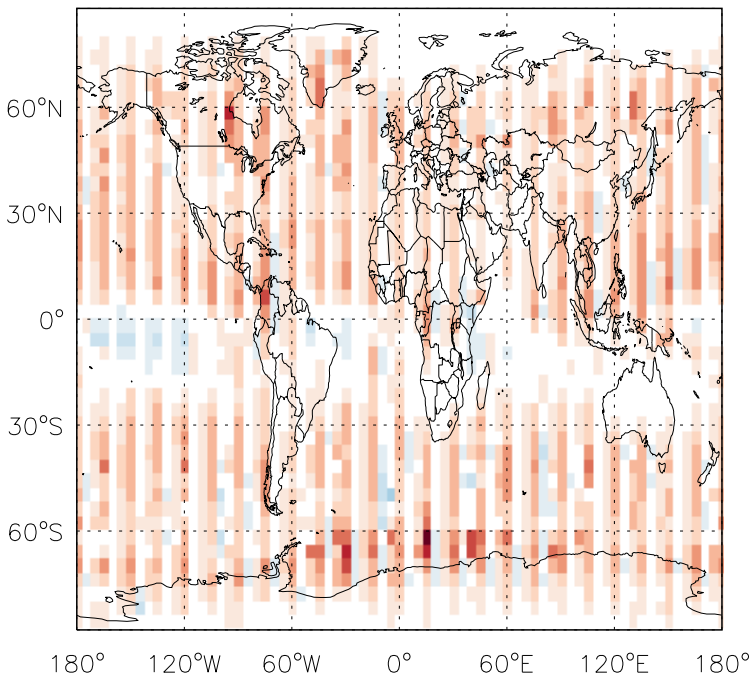
v11-01f-geosp-Run0 - v11-01d-Run1
J03_03P - J-Value Diff @ surface for Oct



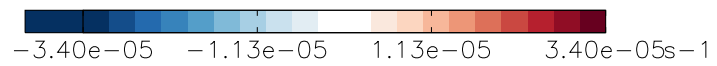
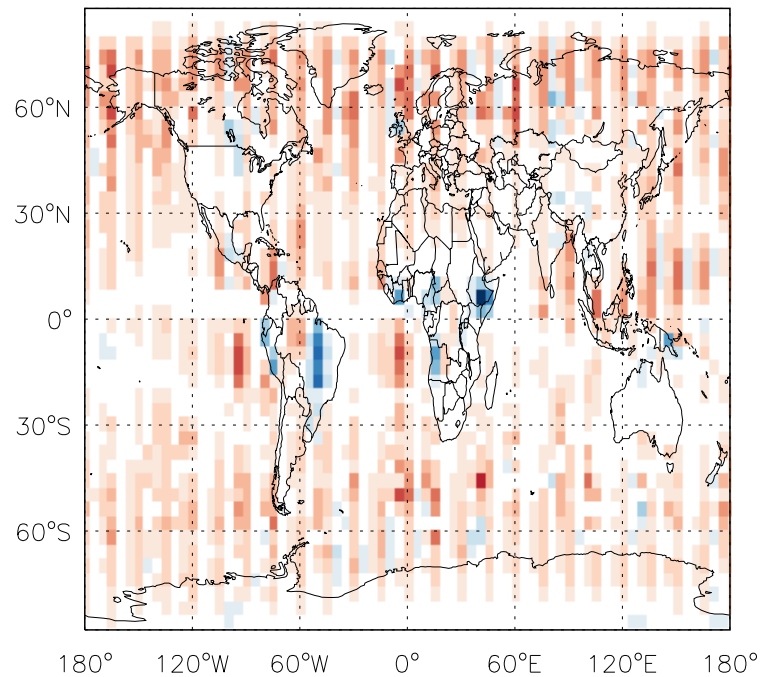
v11-01f-geosp-Run0 - v11-01d-Run1
J03_03P - J-Value Diff @ 500 hPa for Oct



v11-01f-geosp-Run0 - v11-01b-Run0
J03_03P - J-Value Diff @ surface for Oct

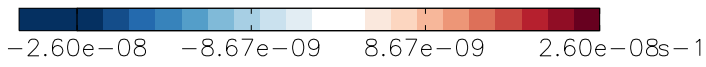
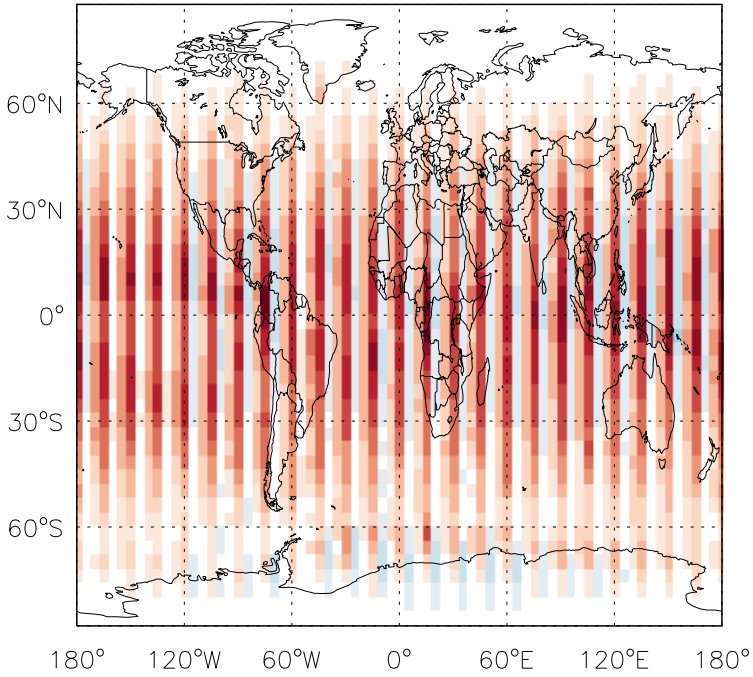


v11-01f-geosp-Run0 - v11-01b-Run0
J03_03P - J-Value Diff @ 500 hPa for Oct

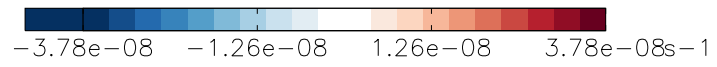
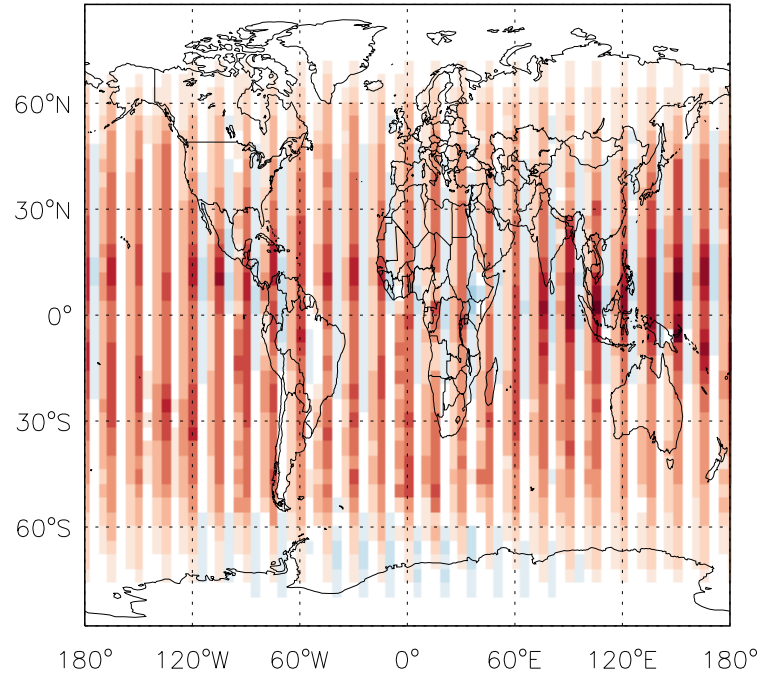


GEOS-Chem J-Values at surface and 500 hPa

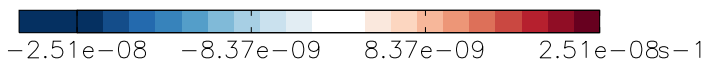
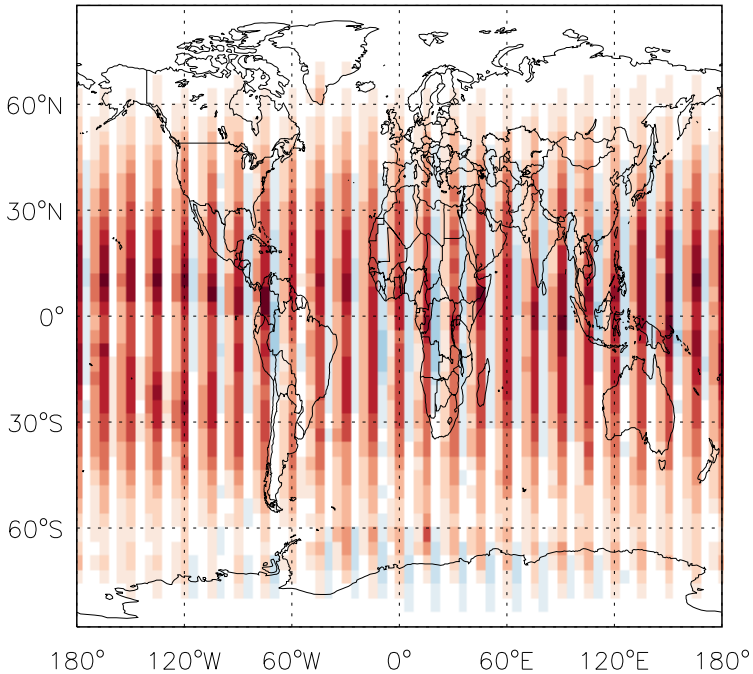
v11-01f-geosp-Run0 - v11-01d-Run1
JHN03 - J-Value Diff @ surface for Oct



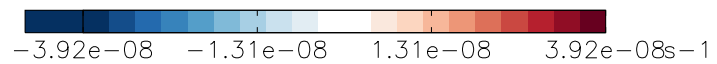
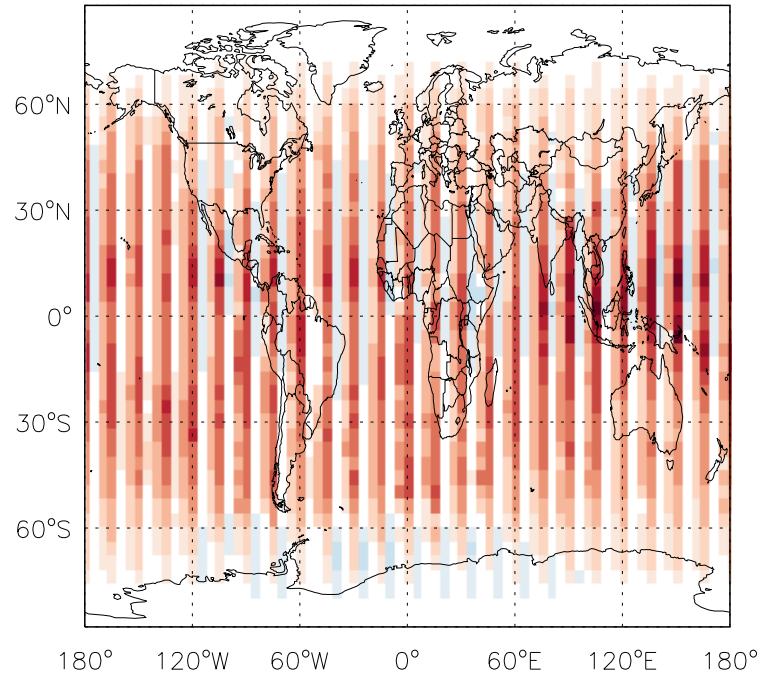
v11-01f-geosp-Run0 - v11-01d-Run1
JHN03 - J-Value Diff @ 500 hPa for Oct



v11-01f-geosp-Run0 - v11-01b-Run0
JHN03 - J-Value Diff @ surface for Oct

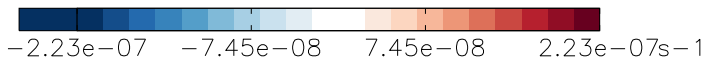
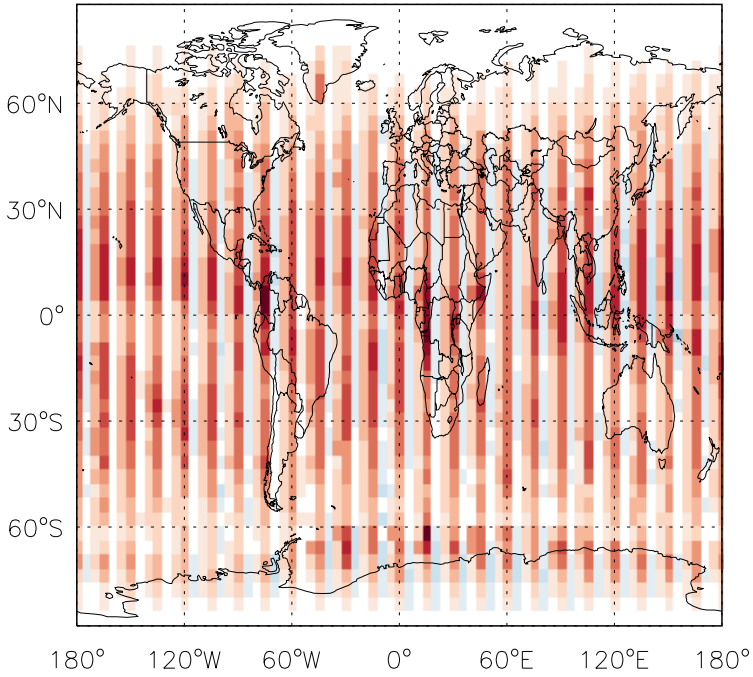


v11-01f-geosp-Run0 - v11-01b-Run0
JHN03 - J-Value Diff @ 500 hPa for Oct

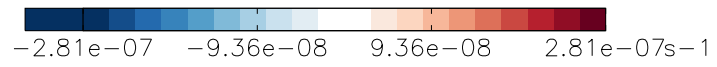
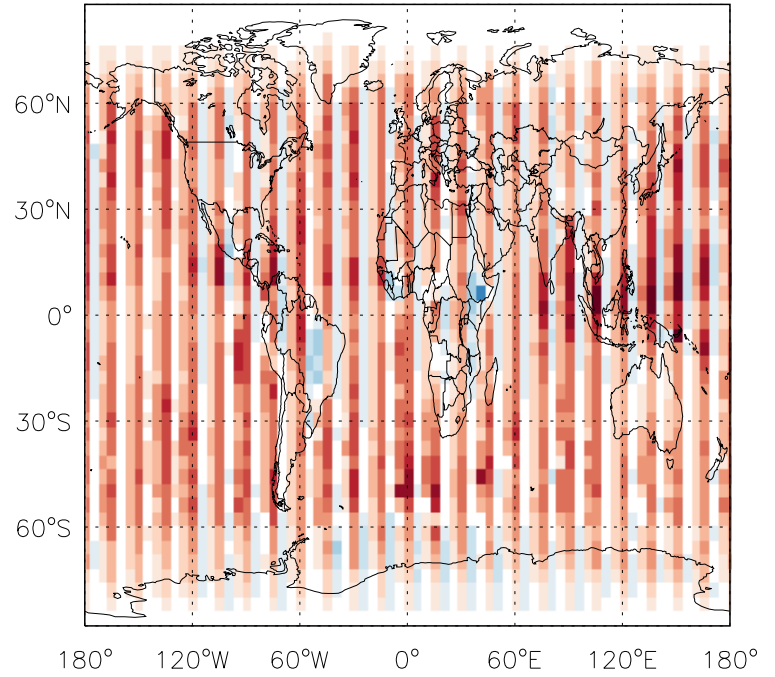


GEOS-Chem J-Values at surface and 500 hPa

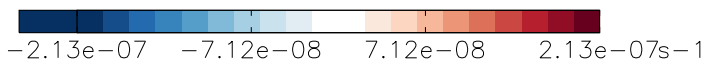
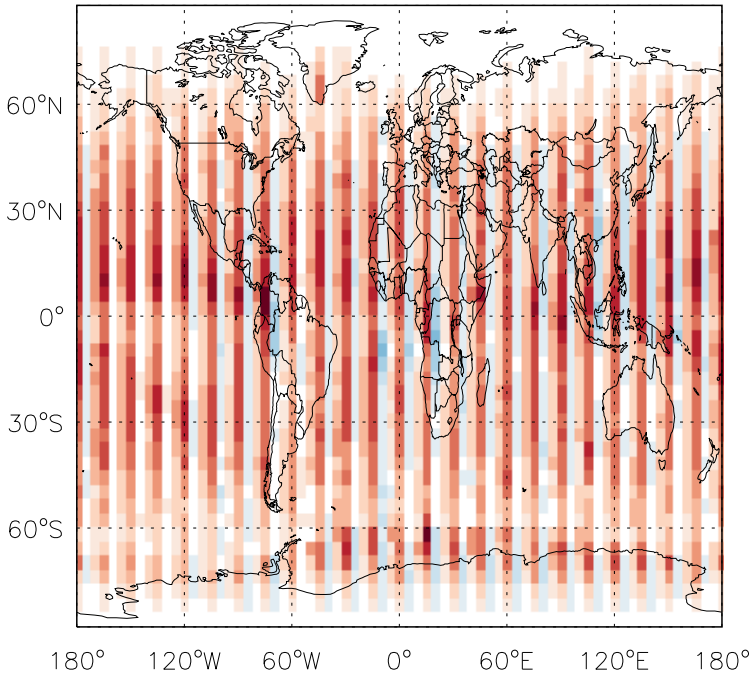
v11-01f-geosp-Run0 - v11-01d-Run1
JH202 - J-Value Diff @ surface for Oct



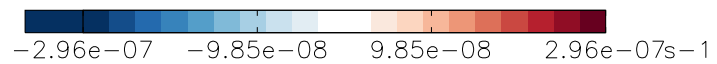
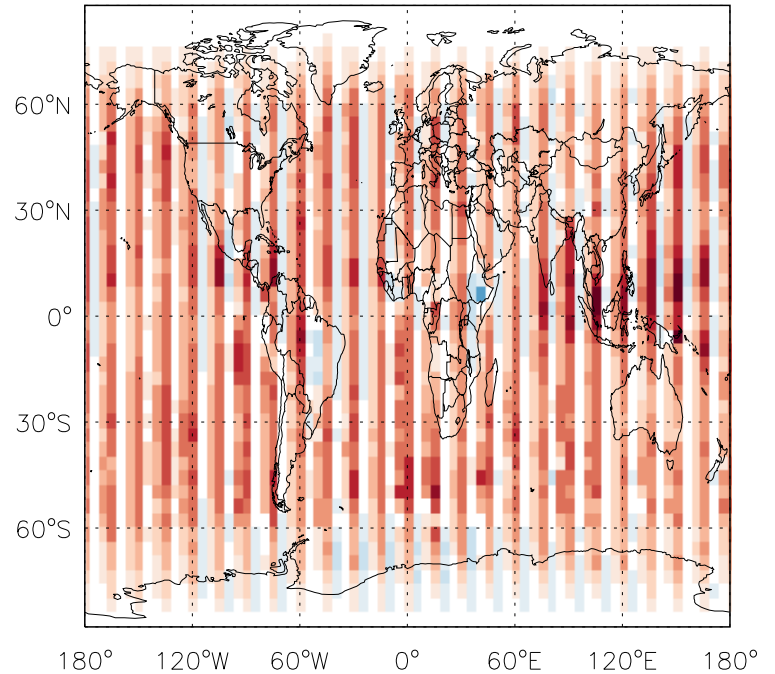
v11-01f-geosp-Run0 - v11-01d-Run1
JH202 - J-Value Diff @ 500 hPa for Oct



v11-01f-geosp-Run0 - v11-01b-Run0
JH202 - J-Value Diff @ surface for Oct



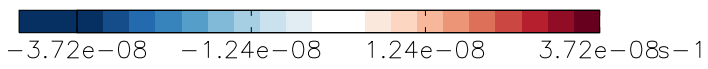
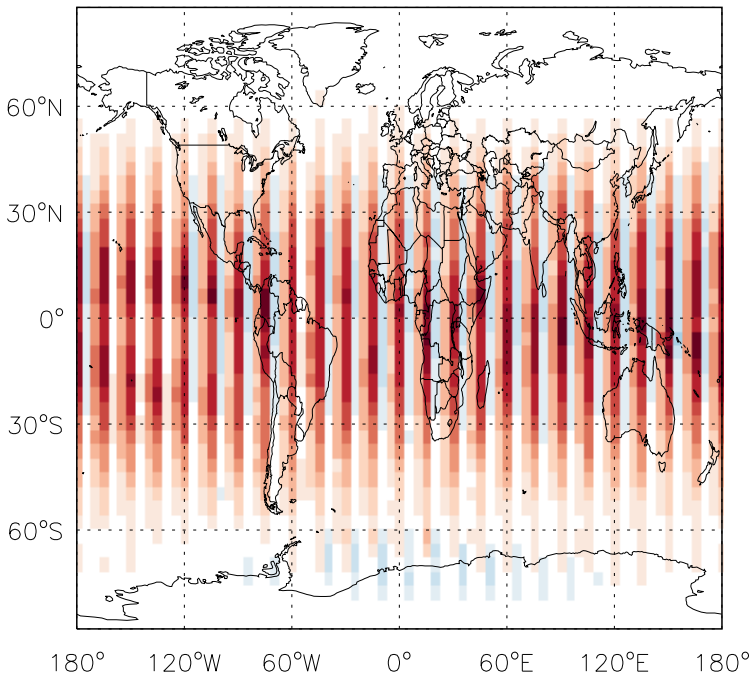
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JH202 - J-Value Diff @ 500 hPa for Oct



GEOS-Chem J-Values at surface and 500 hPa

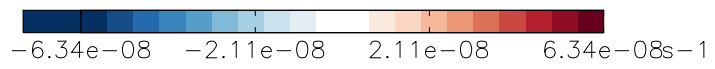
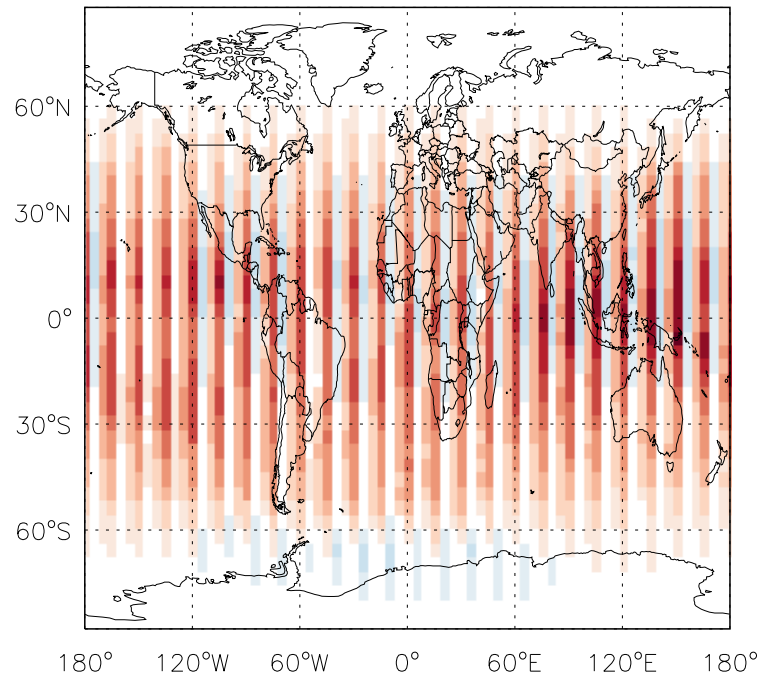
v11-01f-geosp-Run0 - v11-01d-Run1

JACET - J-Value Diff @ surface for Oct



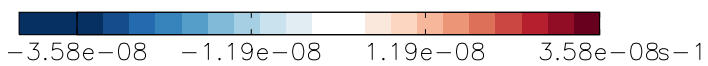
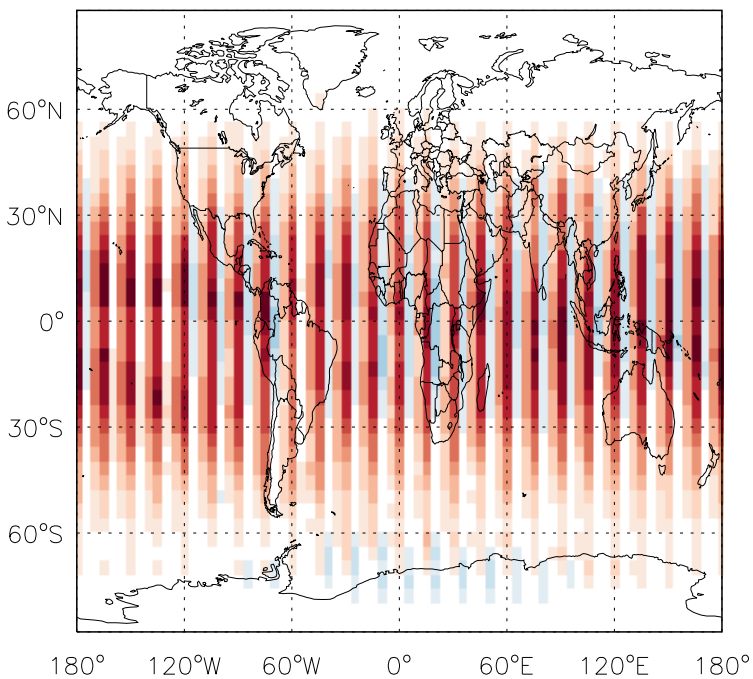
v11-01f-geosp-Run0 - v11-01d-Run1

JACET - J-Value Diff @ 500 hPa for Oct



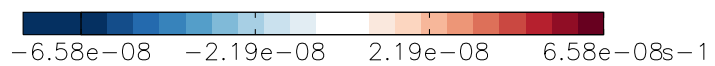
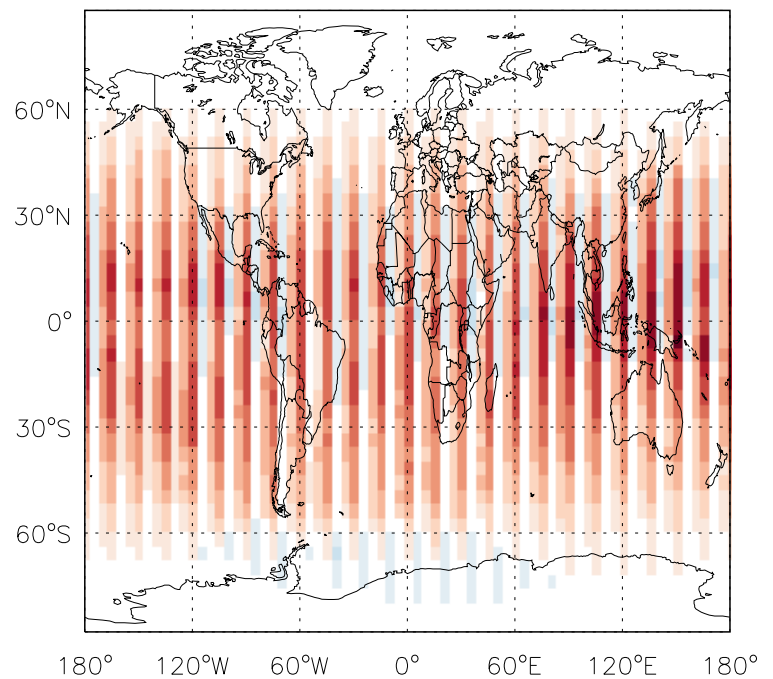
v11-01f-geosp-Run0 - v11-01b-Run0

JACET - J-Value Diff @ surface for Oct



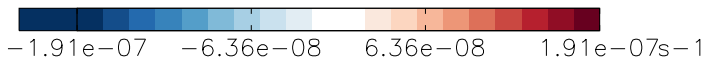
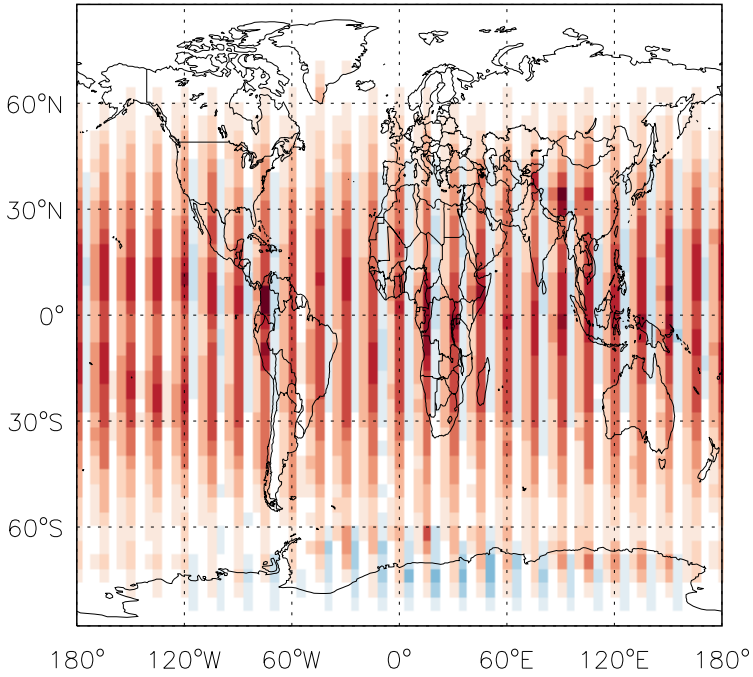
v11-01f-geosp-Run0 - v11-01b-Run0

JACET - J-Value Diff @ 500 hPa for Oct

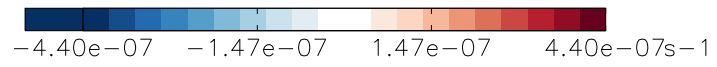
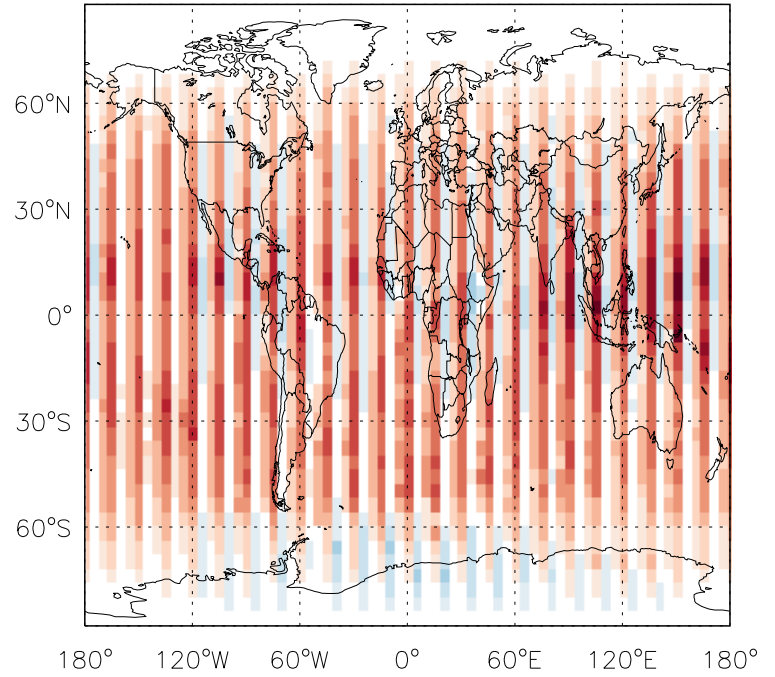


GEOS-Chem J-Values at surface and 500 hPa

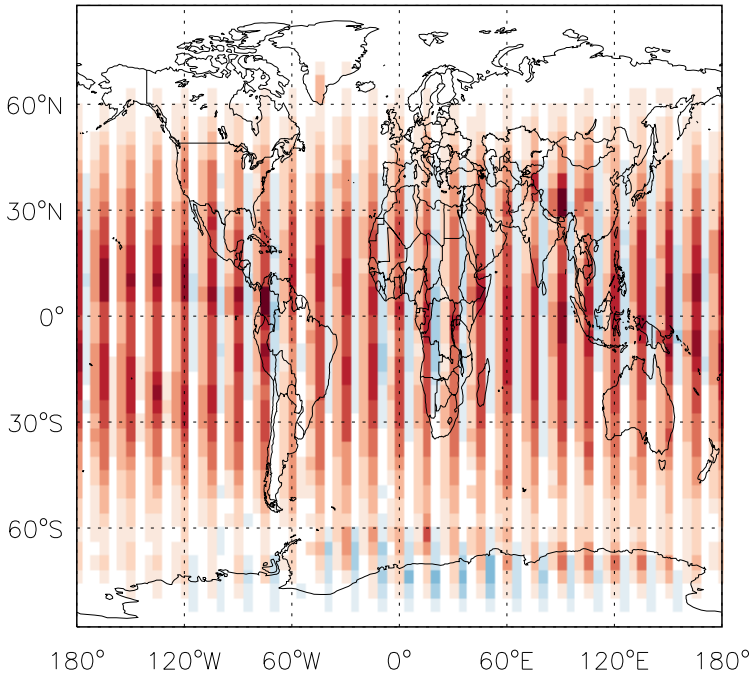
v11-01f-geosp-Run0 - v11-01d-Run1
JALD2 - J-Value Diff @ surface for Oct



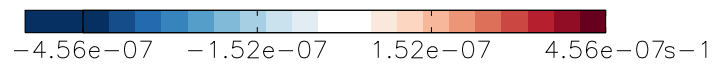
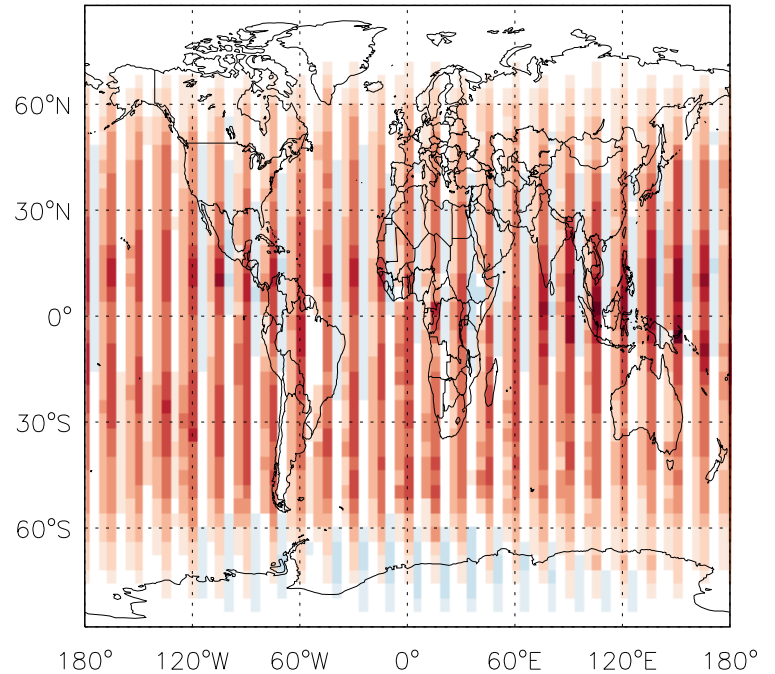
v11-01f-geosp-Run0 - v11-01d-Run1
JALD2 - J-Value Diff @ 500 hPa for Oct



v11-01f-geosp-Run0 - v11-01b-Run0
JALD2 - J-Value Diff @ surface for Oct

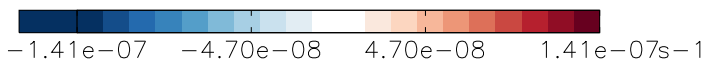
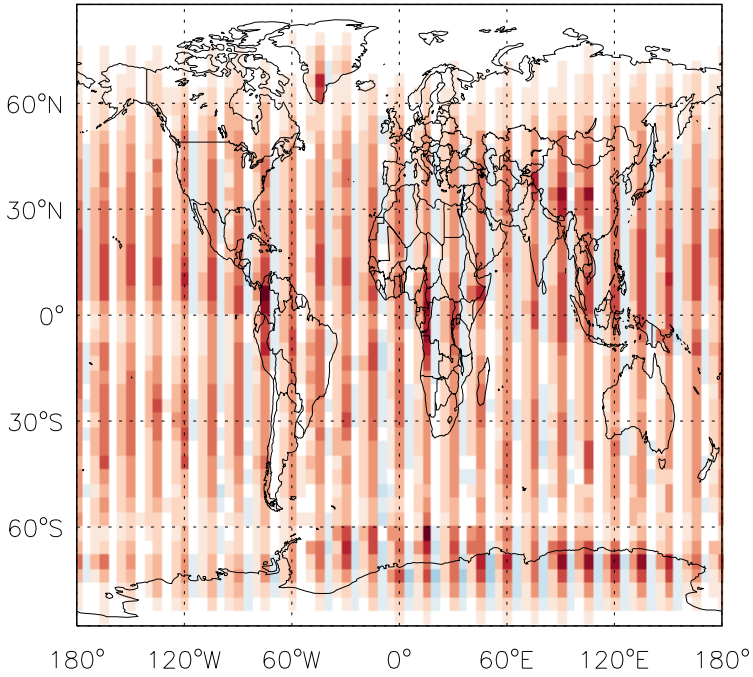


v11-01f-geosp-Run0 - v11-01b-Run0
JALD2 - J-Value Diff @ 500 hPa for Oct

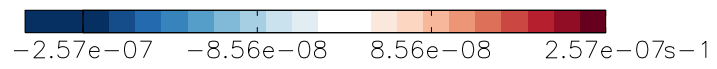
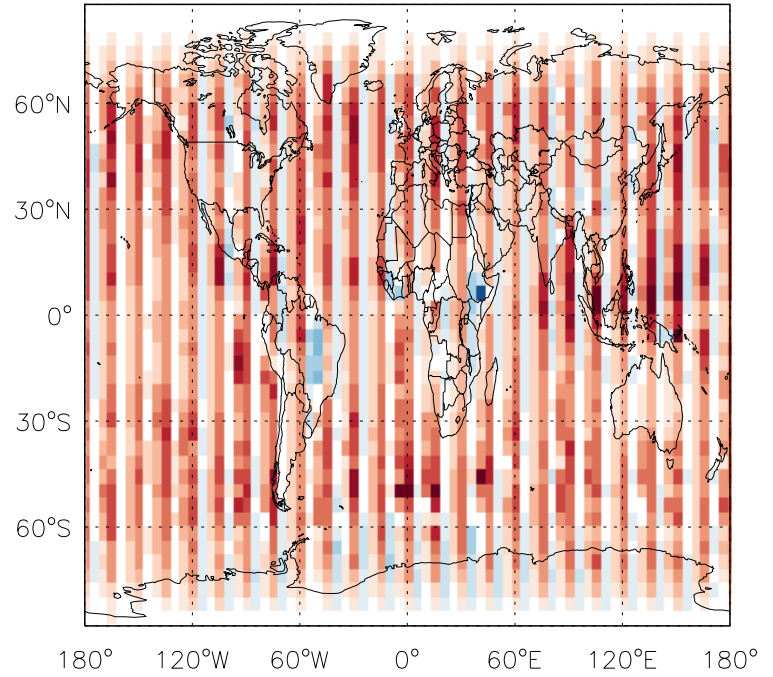


GEOS-Chem J-Values at surface and 500 hPa

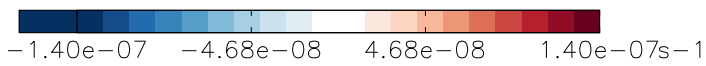
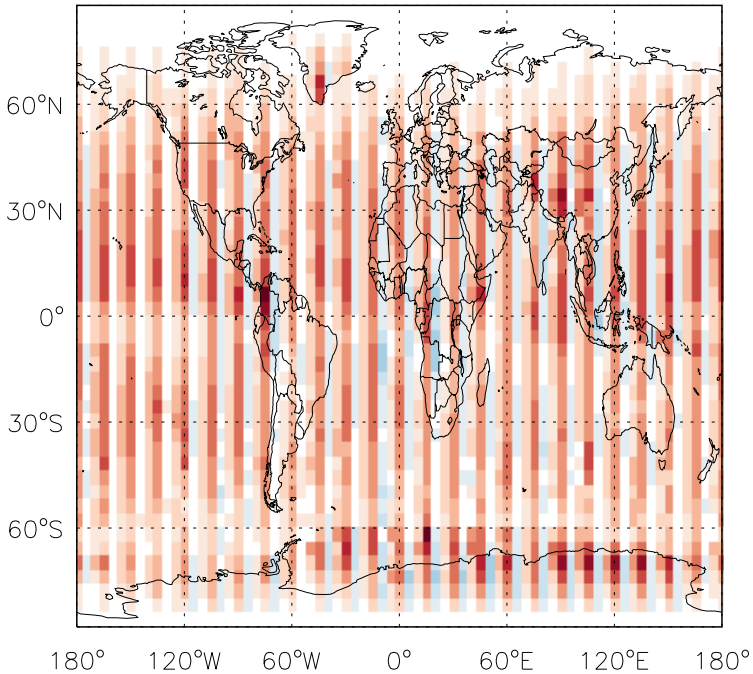
v11-01f-geosp-Run0 - v11-01d-Run1
JMK - J-Value Diff @ surface for Oct



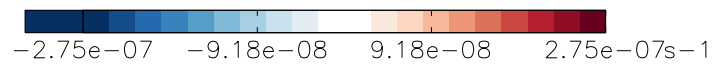
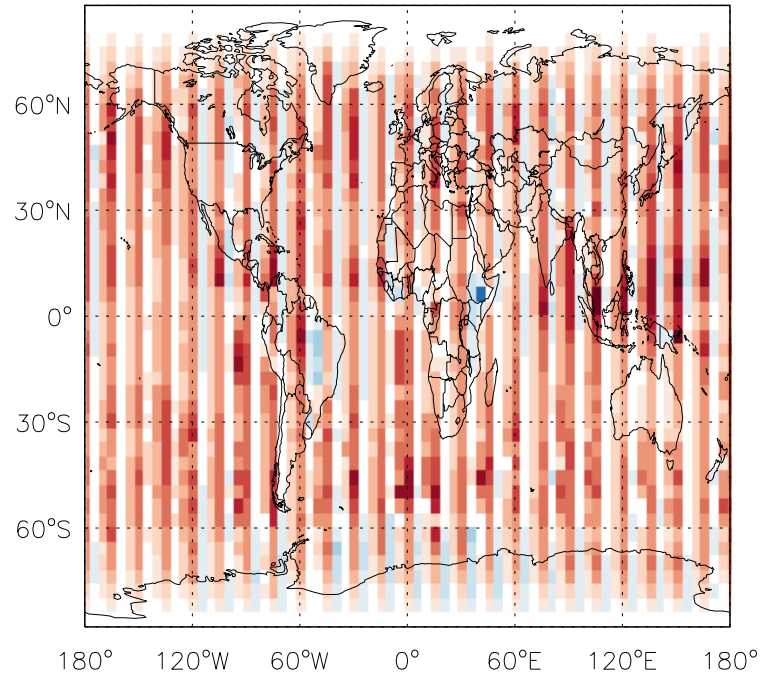
v11-01f-geosp-Run0 - v11-01d-Run1
JMK - J-Value Diff @ 500 hPa for Oct



v11-01f-geosp-Run0 - v11-01b-Run0
JMK - J-Value Diff @ surface for Oct

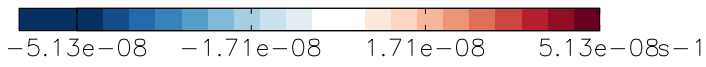
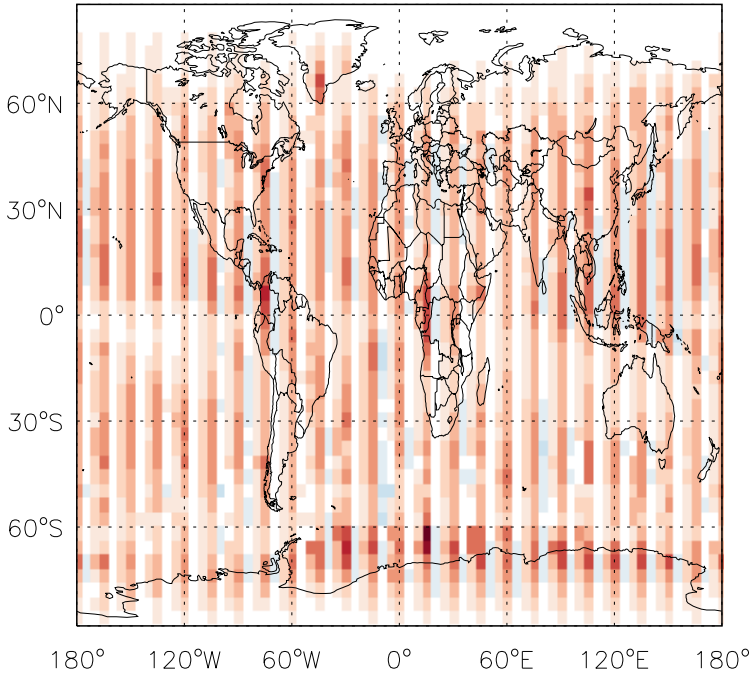


v11-01f-geosp-Run0 - v11-01b-Run0
JMK - J-Value Diff @ 500 hPa for Oct

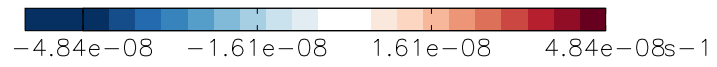
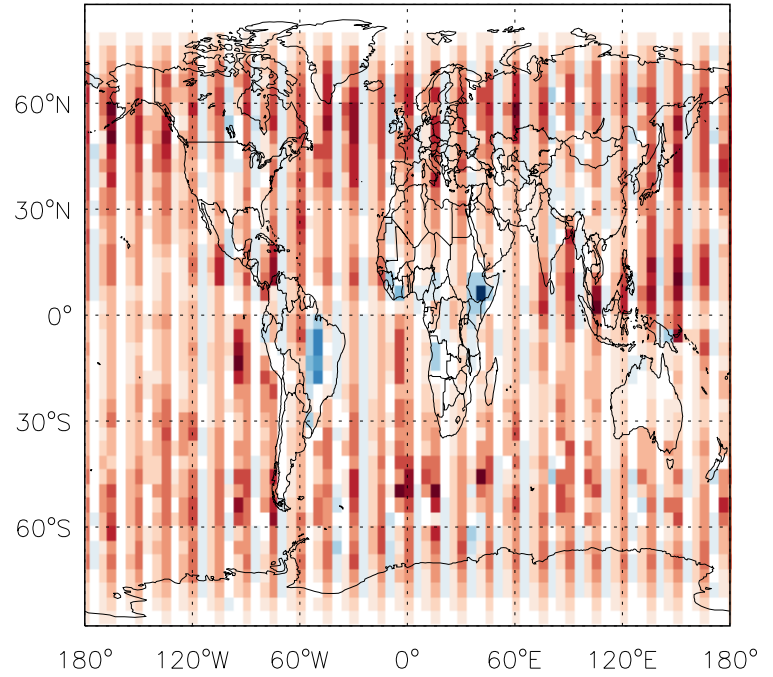


GEOS-Chem J-Values at surface and 500 hPa

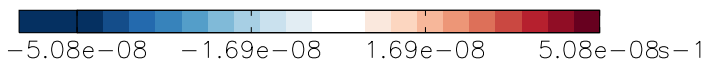
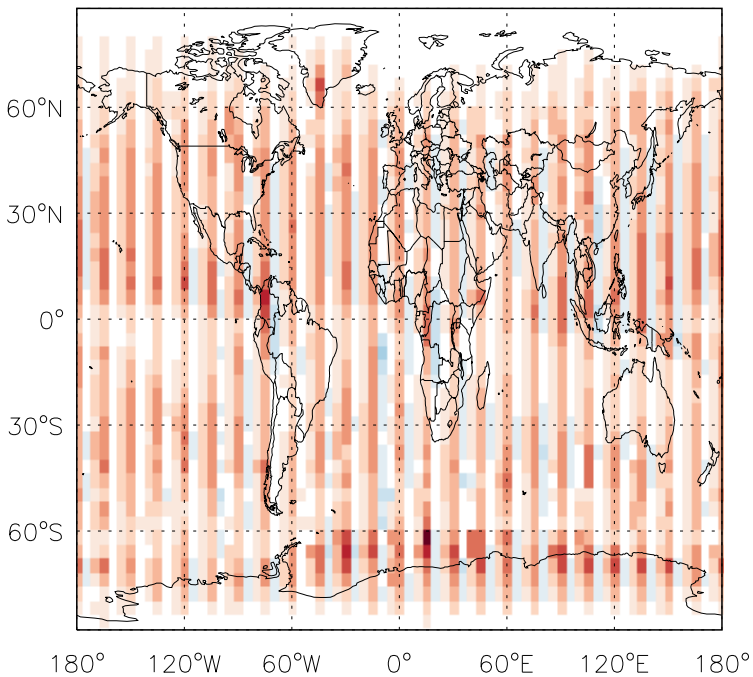
v11-01f-geosp-Run0 - v11-01d-Run1
JMACR - J-Value Diff @ surface for Oct



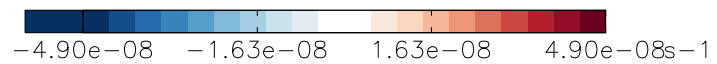
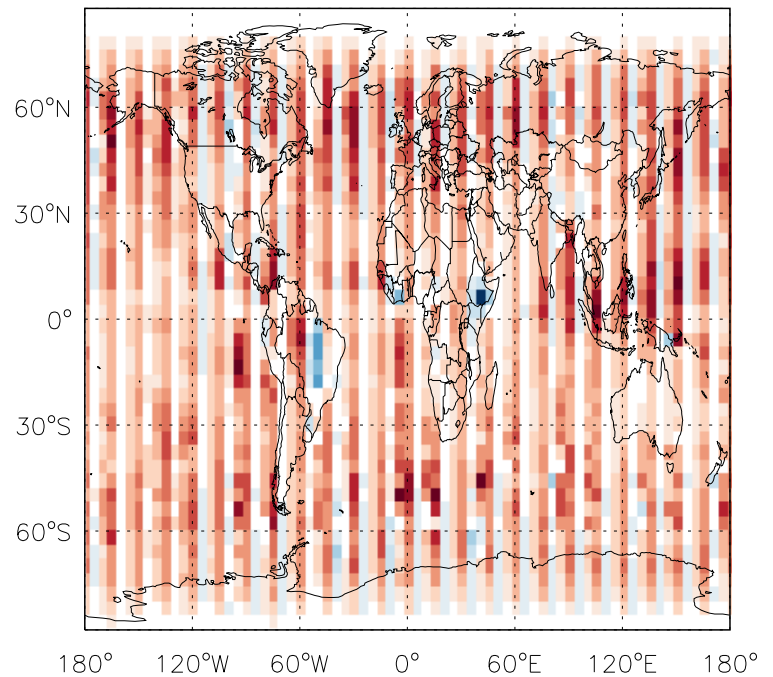
v11-01f-geosp-Run0 - v11-01d-Run1
JMACR - J-Value Diff @ 500 hPa for Oct



v11-01f-geosp-Run0 - v11-01b-Run0
JMACR - J-Value Diff @ surface for Oct

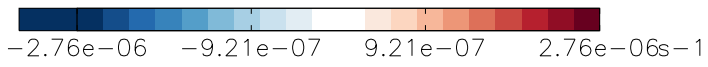
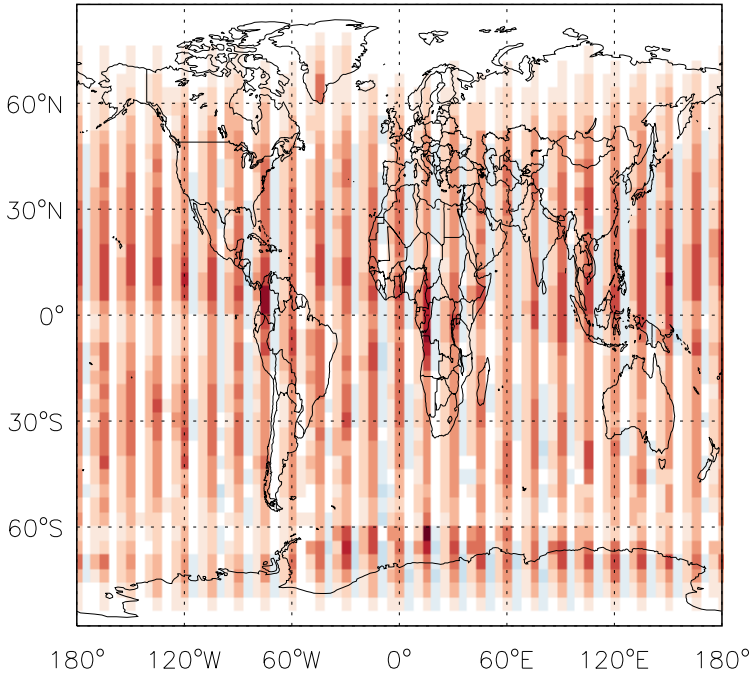


v11-01f-geosp-Run0 - v11-01b-Run0
JMACR - J-Value Diff @ 500 hPa for Oct

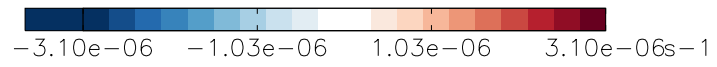
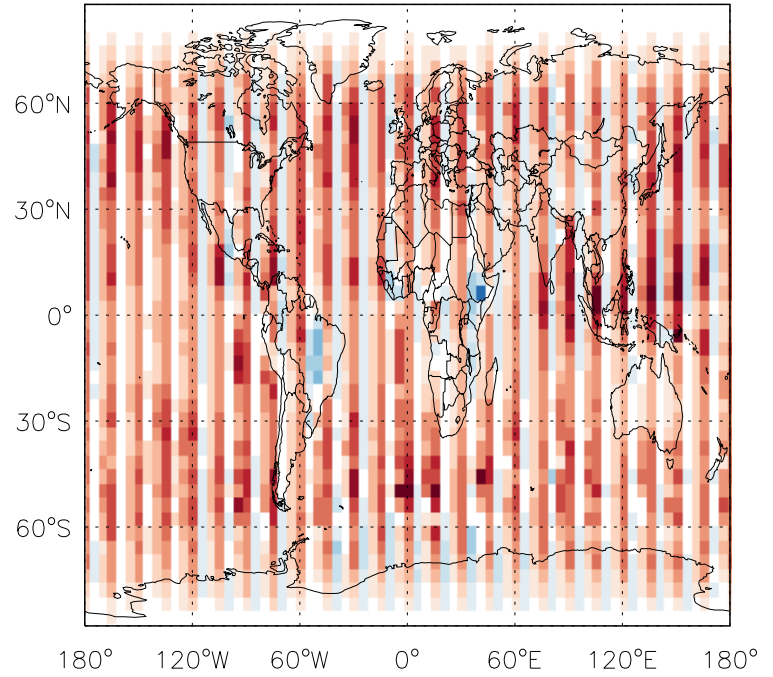


GEOS-Chem J-Values at surface and 500 hPa

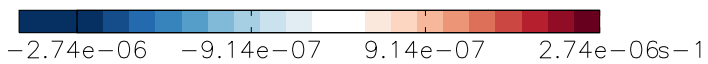
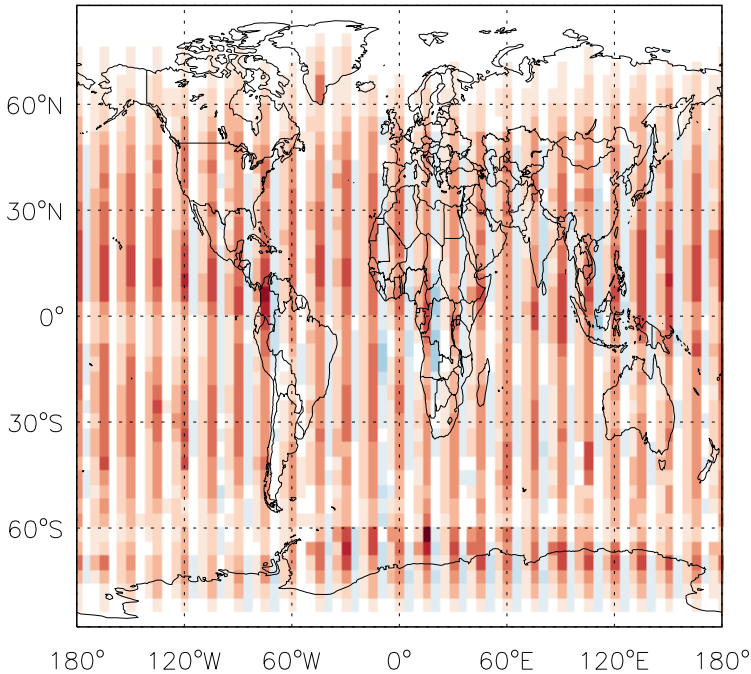
v11-01f-geosp-Run0 - v11-01d-Run1
JCH2O - J-Value Diff @ surface for Oct



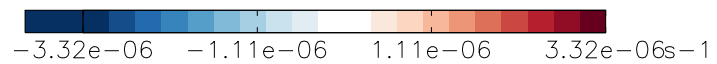
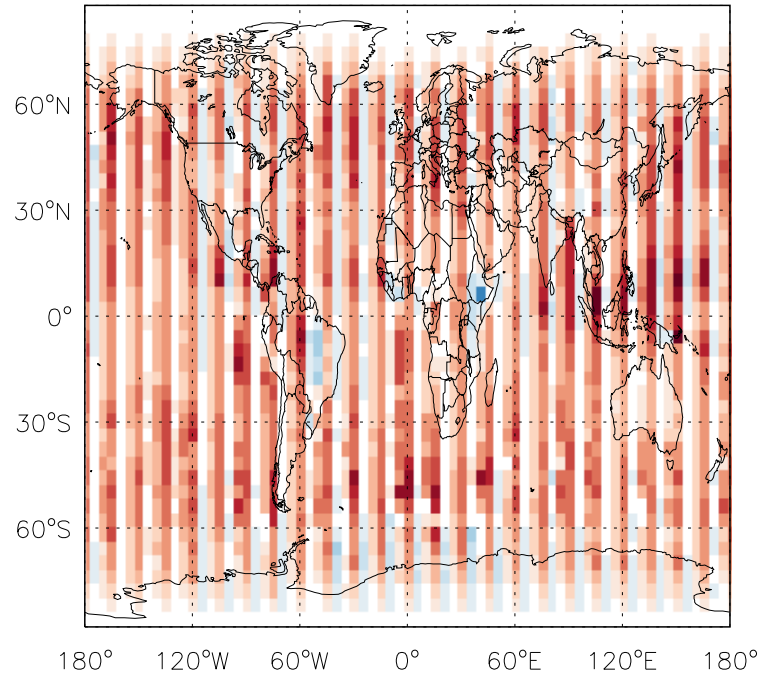
v11-01f-geosp-Run0 - v11-01d-Run1
JCH2O - J-Value Diff @ 500 hPa for Oct



v11-01f-geosp-Run0 - v11-01b-Run0
JCH2O - J-Value Diff @ surface for Oct

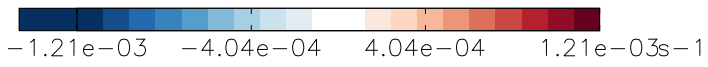
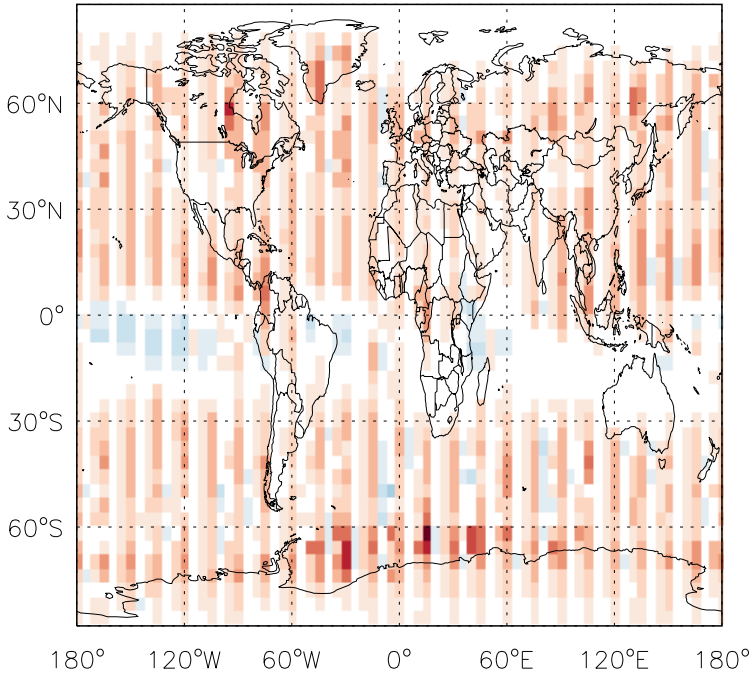


v11-01f-geosp-Run0 - v11-01b-Run0
JCH2O - J-Value Diff @ 500 hPa for Oct

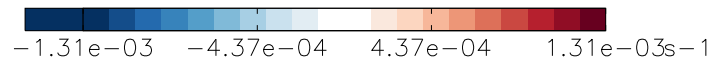
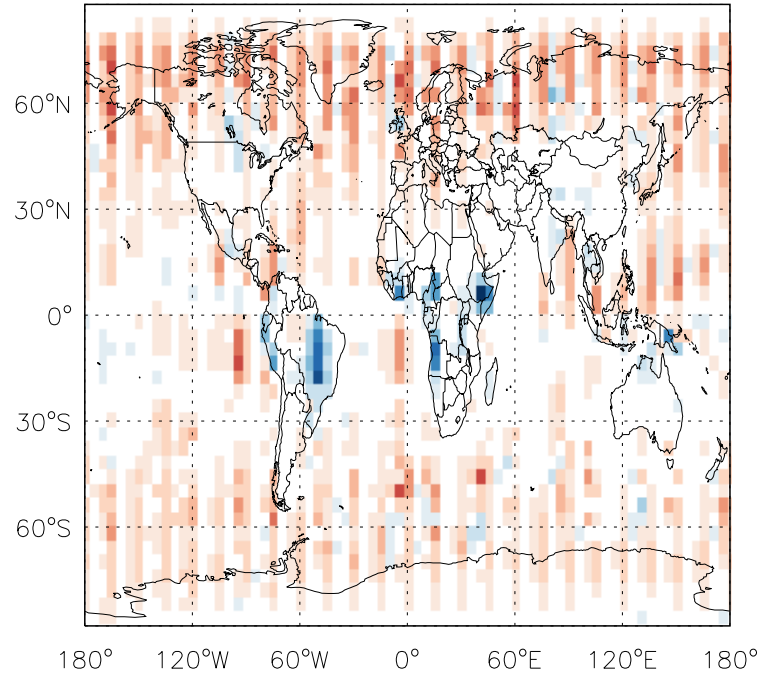


GEOS-Chem J-Values at surface and 500 hPa

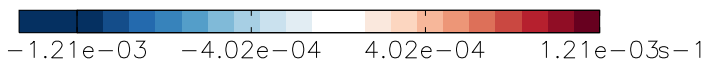
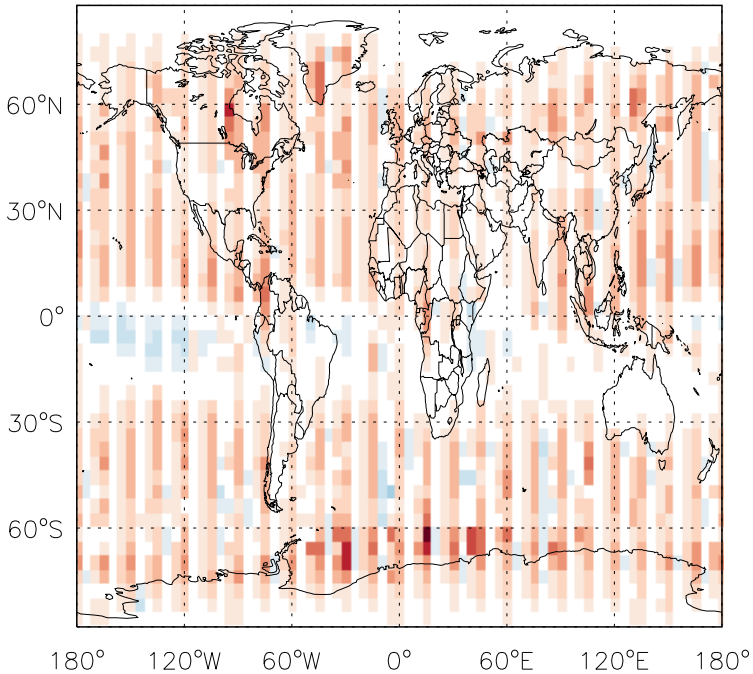
v11-01f-geosp-Run0 - v11-01d-Run1
JBr2 - J-Value Diff @ surface for Oct



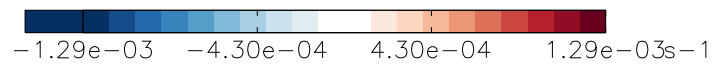
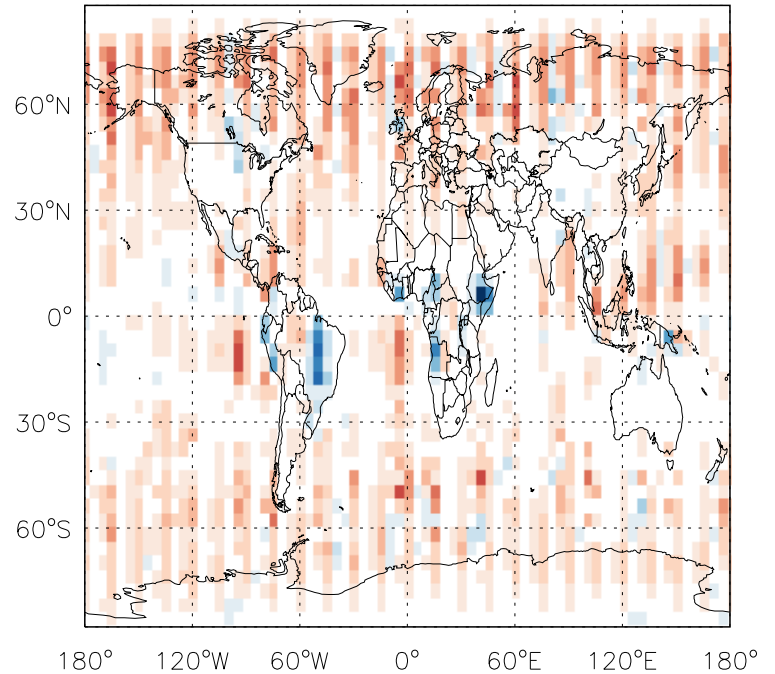
v11-01f-geosp-Run0 - v11-01d-Run1
JBr2 - J-Value Diff @ 500 hPa for Oct



v11-01f-geosp-Run0 - v11-01b-Run0
JBr2 - J-Value Diff @ surface for Oct

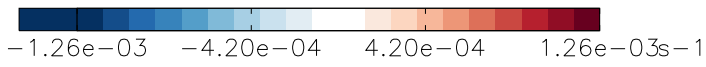
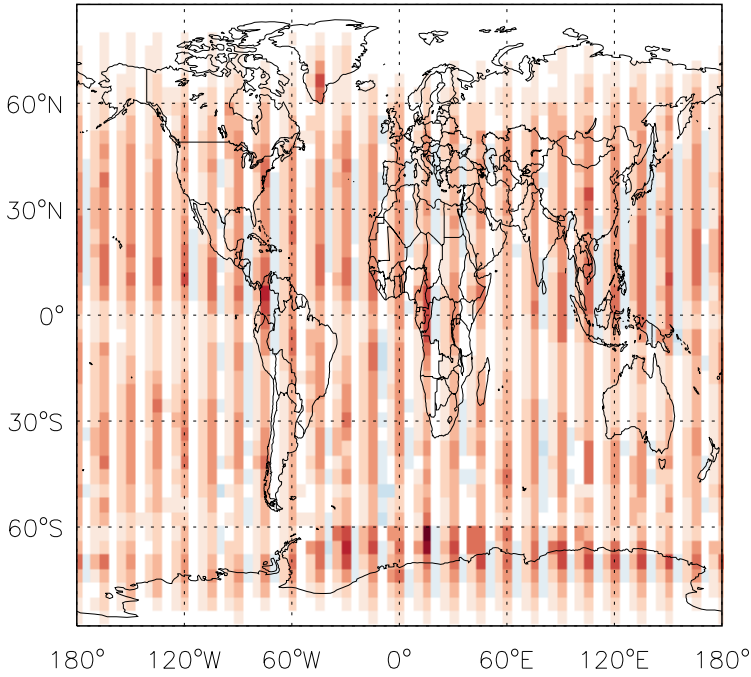


v11-01f-geosp-Run0 - v11-01b-Run0
JBr2 - J-Value Diff @ 500 hPa for Oct

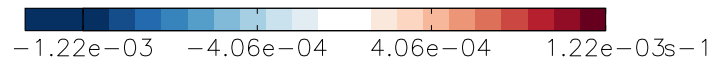
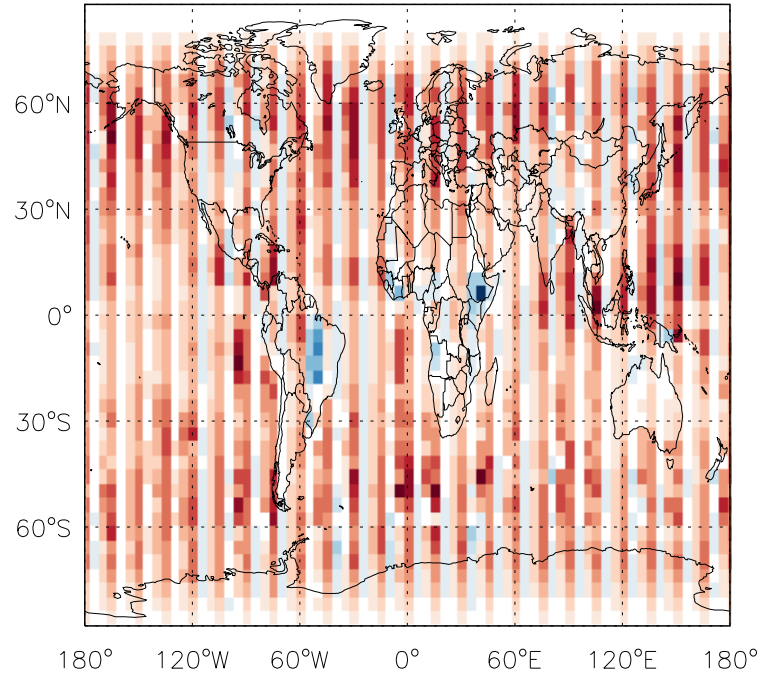


GEOS-Chem J-Values at surface and 500 hPa

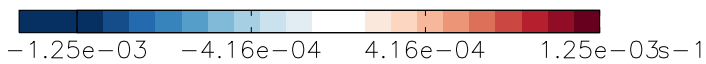
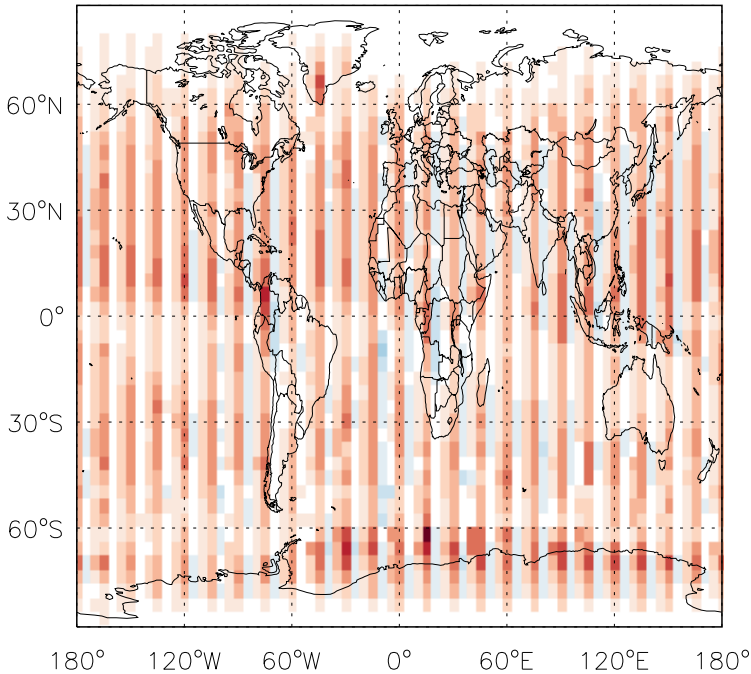
v11-01f-geosp-Run0 - v11-01d-Run1
JBrO - J-Value Diff @ surface for Oct



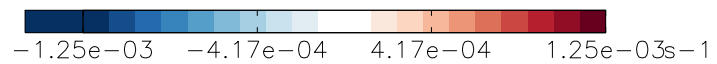
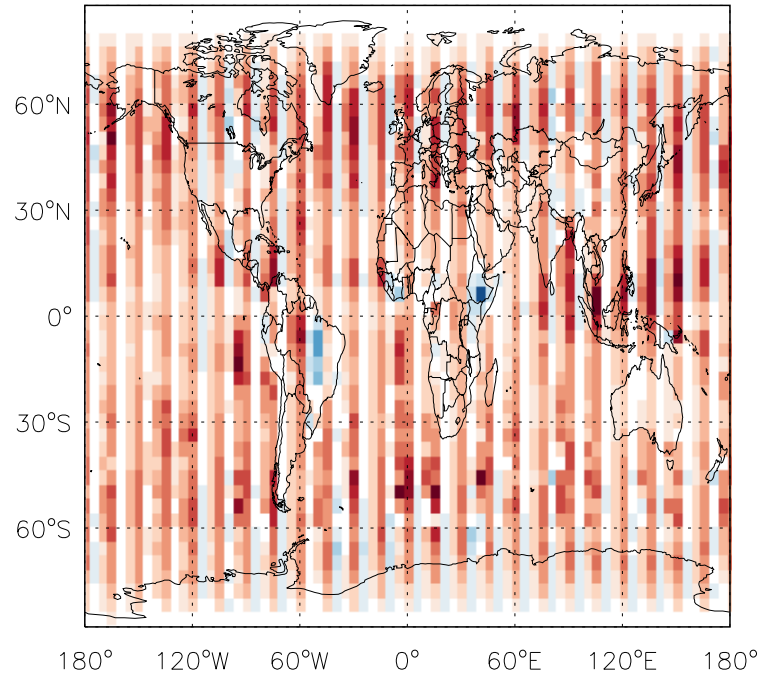
v11-01f-geosp-Run0 - v11-01d-Run1
JBrO - J-Value Diff @ 500 hPa for Oct



v11-01f-geosp-Run0 - v11-01b-Run0
JBrO - J-Value Diff @ surface for Oct

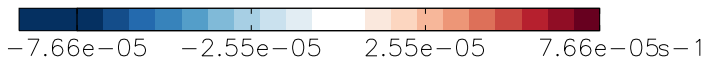
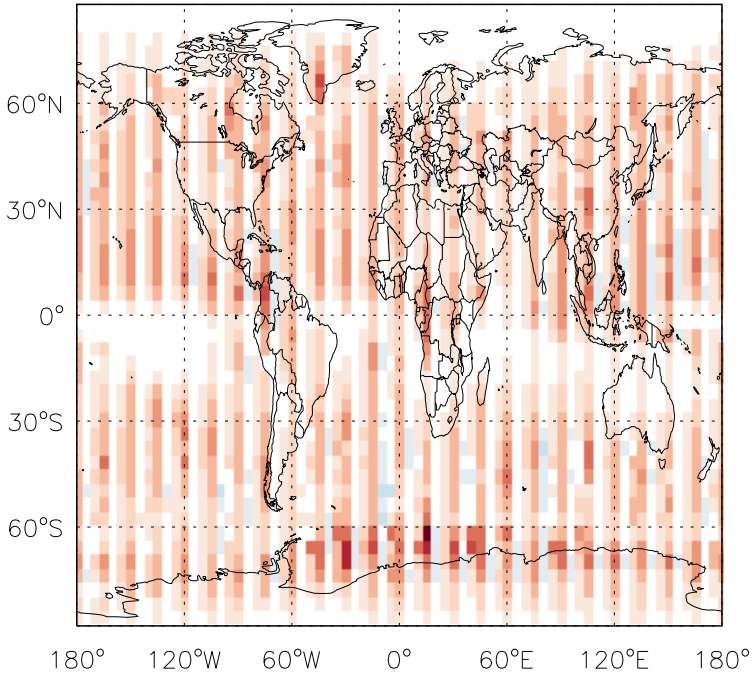


v11-01f-geosp-Run0 - v11-01b-Run0
JBrO - J-Value Diff @ 500 hPa for Oct

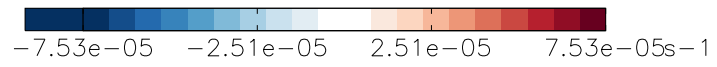
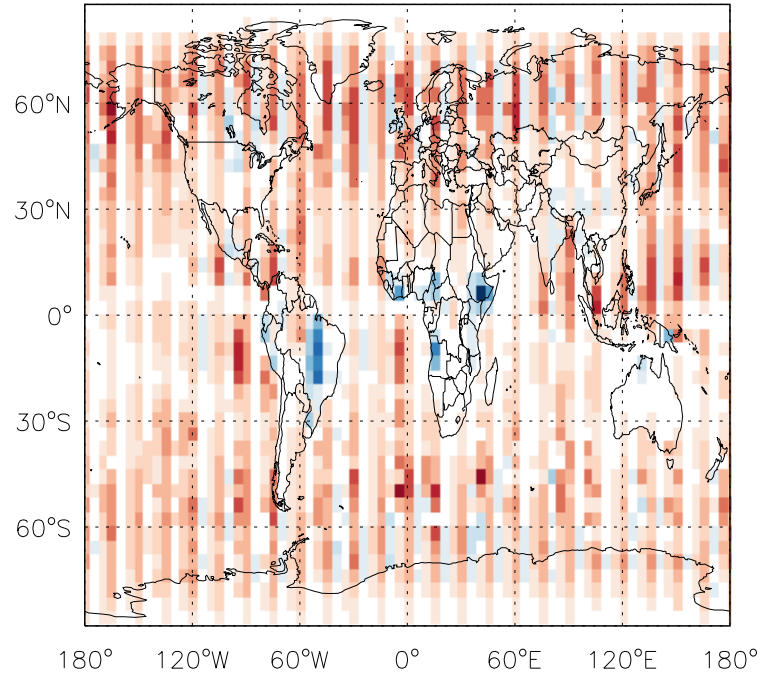


GEOS-Chem J-Values at surface and 500 hPa

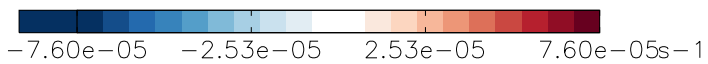
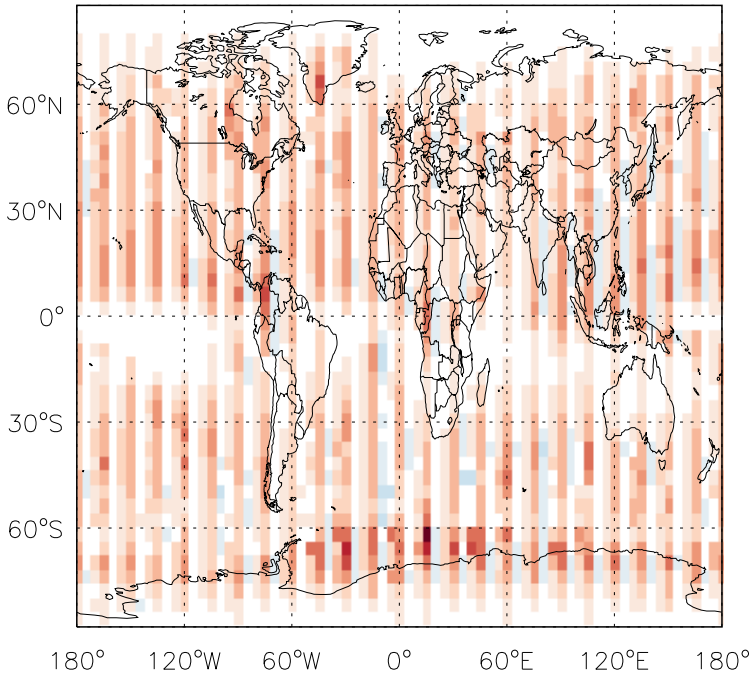
v11-01f-geosp-Run0 - v11-01d-Run1
JH0Br - J-Value Diff @ surface for Oct



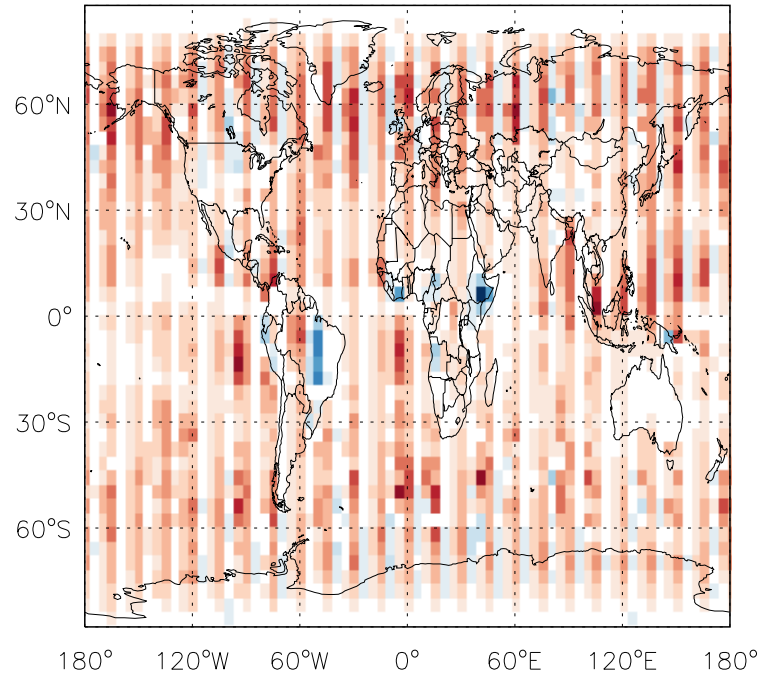
v11-01f-geosp-Run0 - v11-01d-Run1
JH0Br - J-Value Diff @ 500 hPa for Oct



v11-01f-geosp-Run0 - v11-01b-Run0
JH0Br - J-Value Diff @ surface for Oct

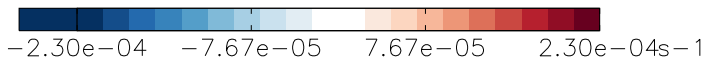
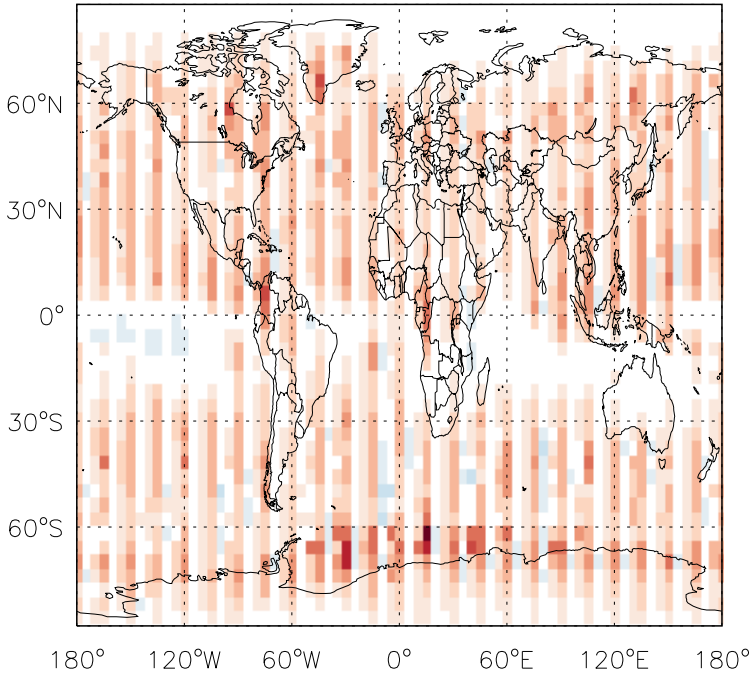


v11-01f-geosp-Run0 - v11-01b-Run0
JH0Br - J-Value Diff @ 500 hPa for Oct

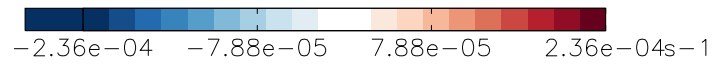
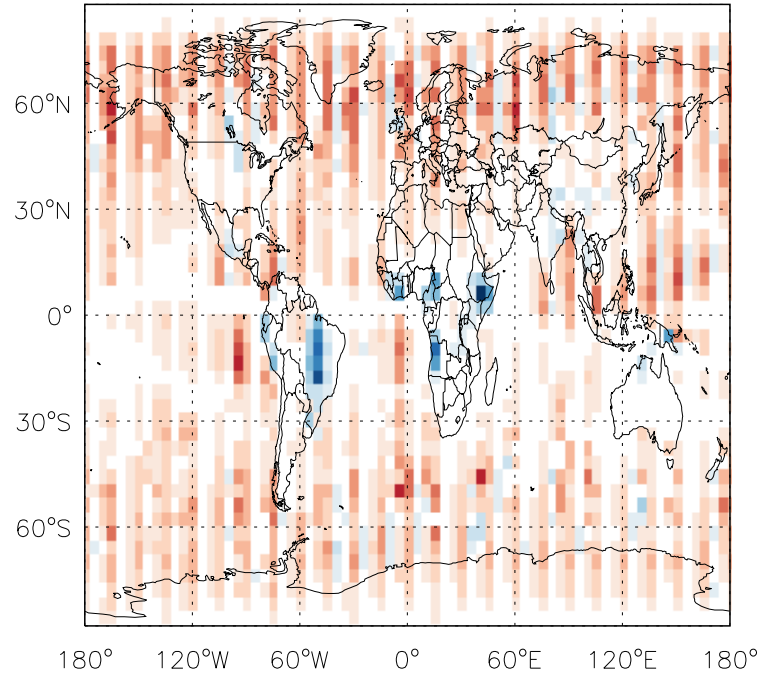


GEOS-Chem J-Values at surface and 500 hPa

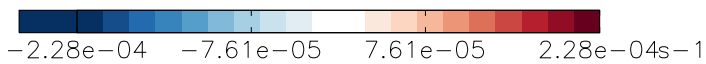
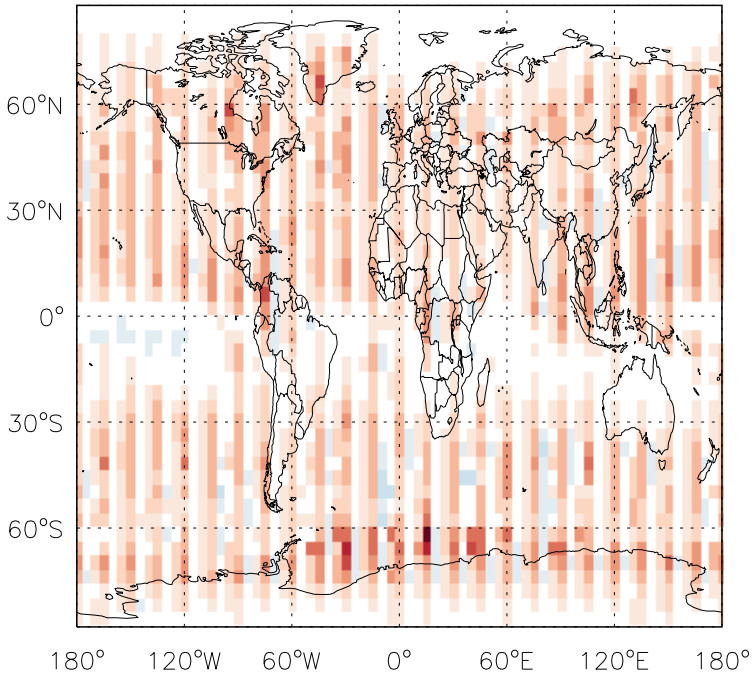
v11-01f-geosp-Run0 - v11-01d-Run1
JBrNO2 - J-Value Diff @ surface for Oct



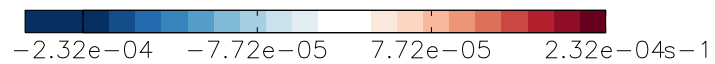
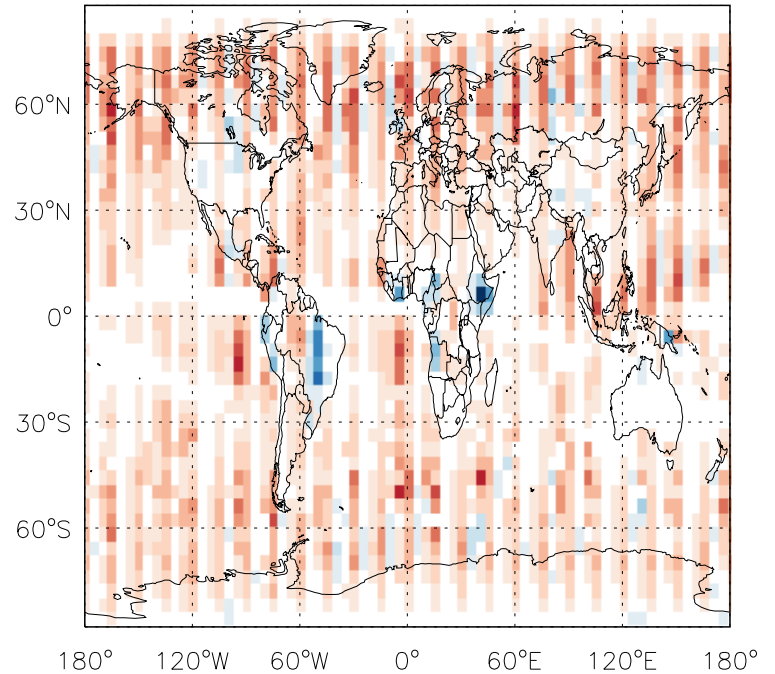
v11-01f-geosp-Run0 - v11-01d-Run1
JBrNO2 - J-Value Diff @ 500 hPa for Oct



v11-01f-geosp-Run0 - v11-01b-Run0
JBrNO2 - J-Value Diff @ surface for Oct

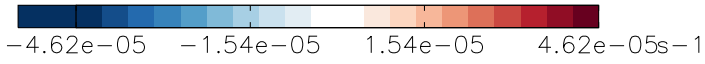
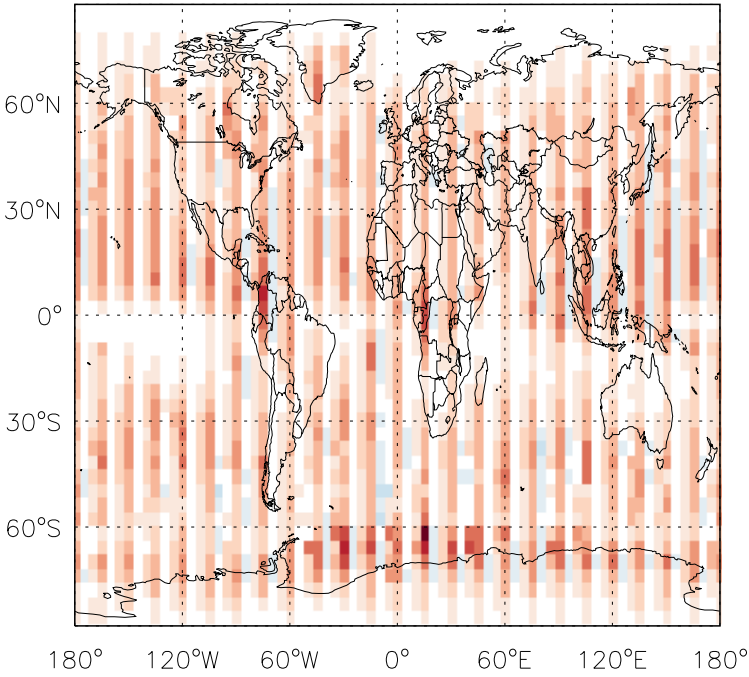


v11-01f-geosp-Run0 - v11-01b-Run0
JBrNO2 - J-Value Diff @ 500 hPa for Oct

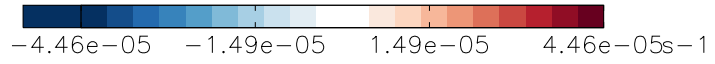
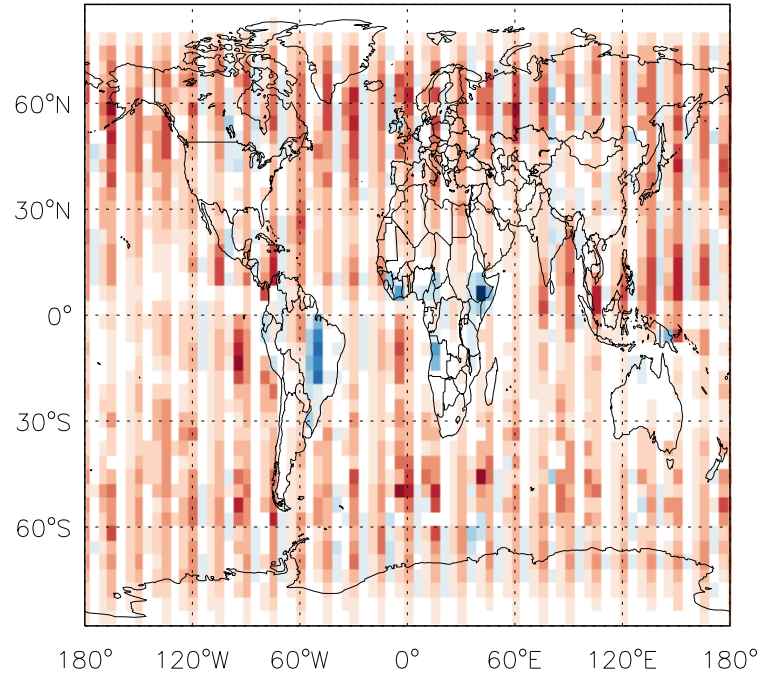


GEOS-Chem J-Values at surface and 500 hPa

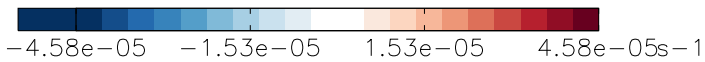
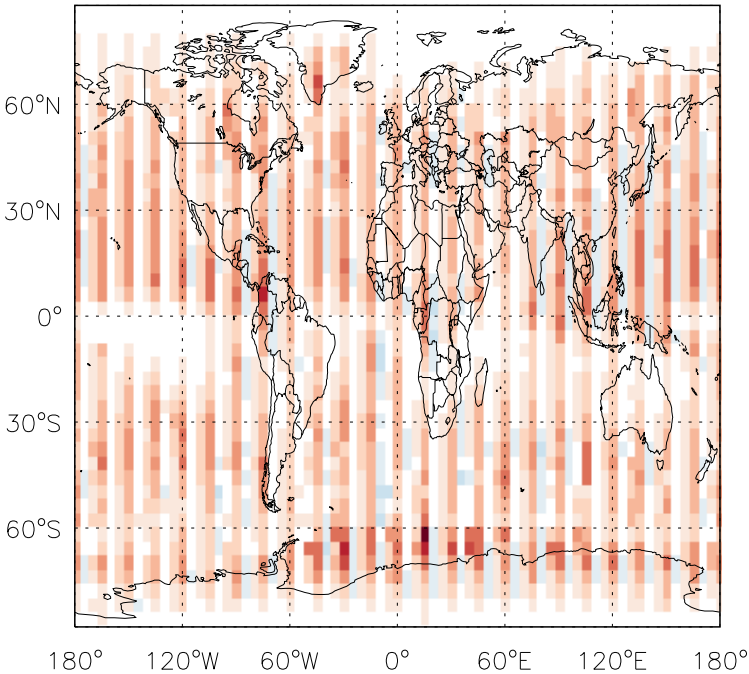
v11-01f-geosp-Run0 - v11-01d-Run1
JBrN03 - J-Value Diff @ surface for Oct



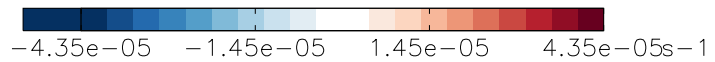
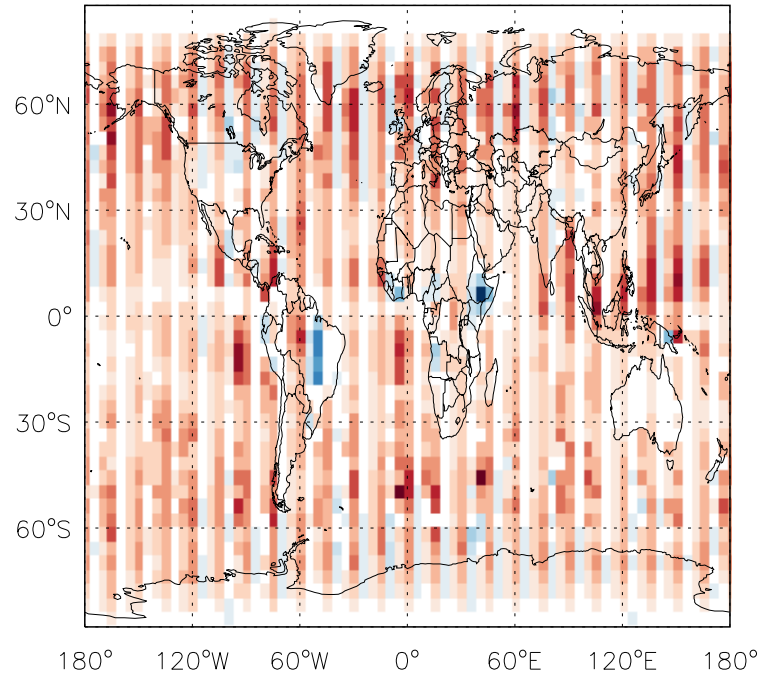
v11-01f-geosp-Run0 - v11-01d-Run1
JBrN03 - J-Value Diff @ 500 hPa for Oct



v11-01f-geosp-Run0 - v11-01b-Run0
JBrN03 - J-Value Diff @ surface for Oct

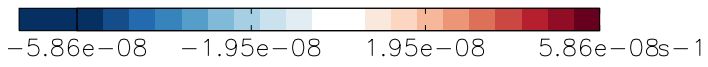
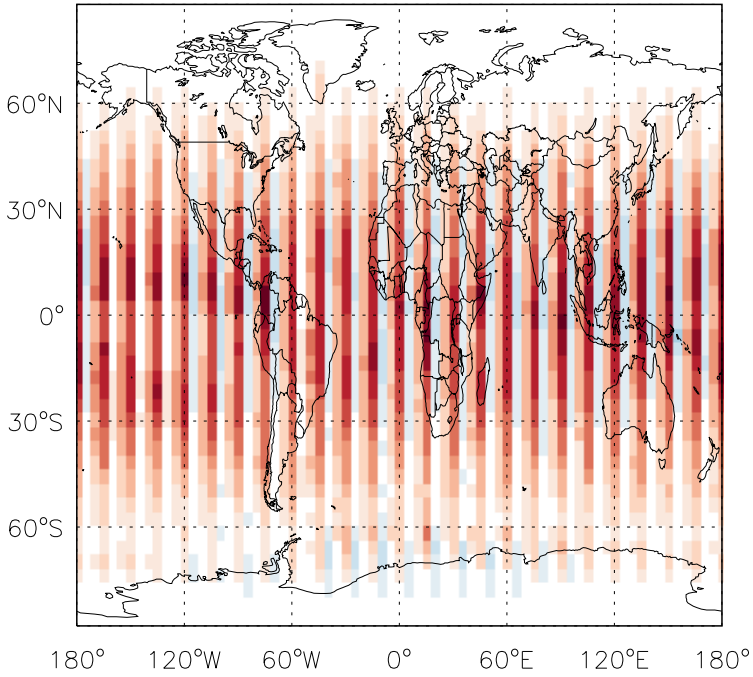


v11-01f-geosp-Run0 - v11-01b-Run0
JBrN03 - J-Value Diff @ 500 hPa for Oct

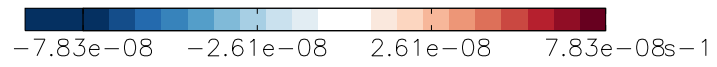
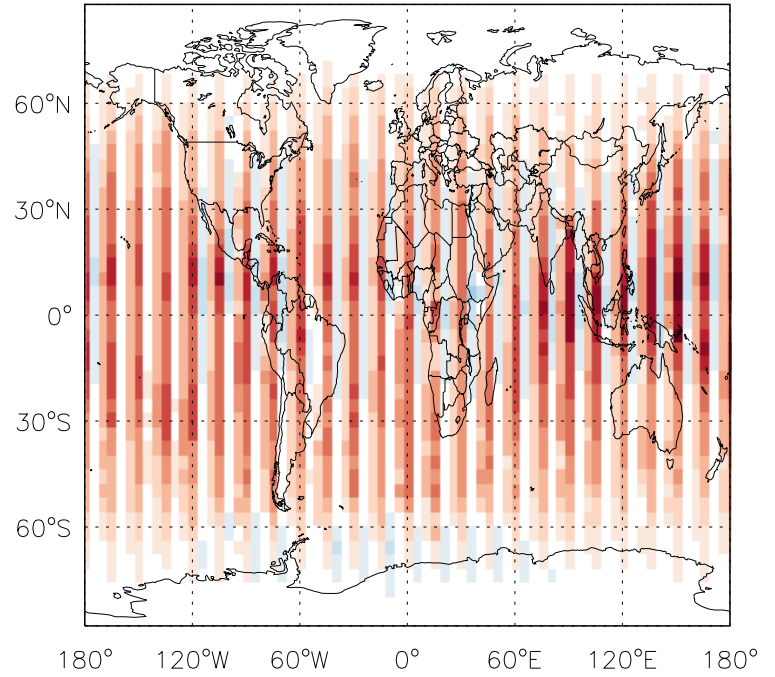


GEOS-Chem J-Values at surface and 500 hPa

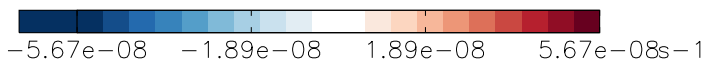
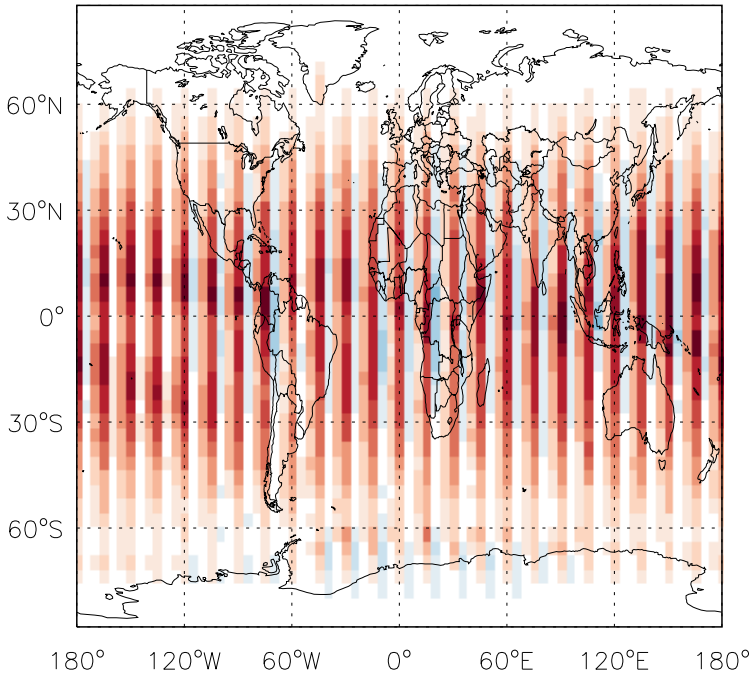
v11-01f-geosp-Run0 - v11-01d-Run1
JCHBr3 - J-Value Diff @ surface for Oct



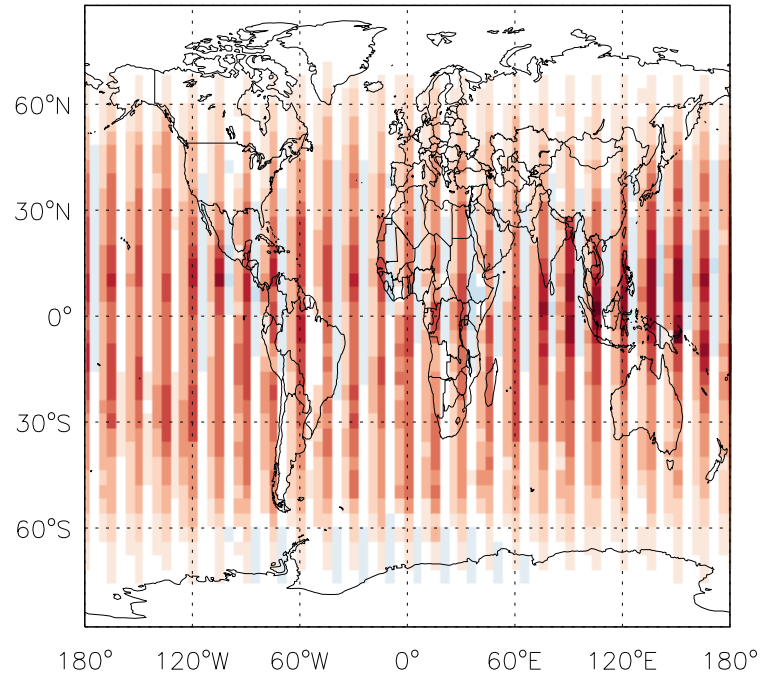
v11-01f-geosp-Run0 - v11-01d-Run1
JCHBr3 - J-Value Diff @ 500 hPa for Oct



v11-01f-geosp-Run0 - v11-01b-Run0
JCHBr3 - J-Value Diff @ surface for Oct

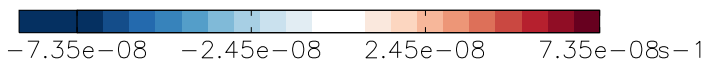
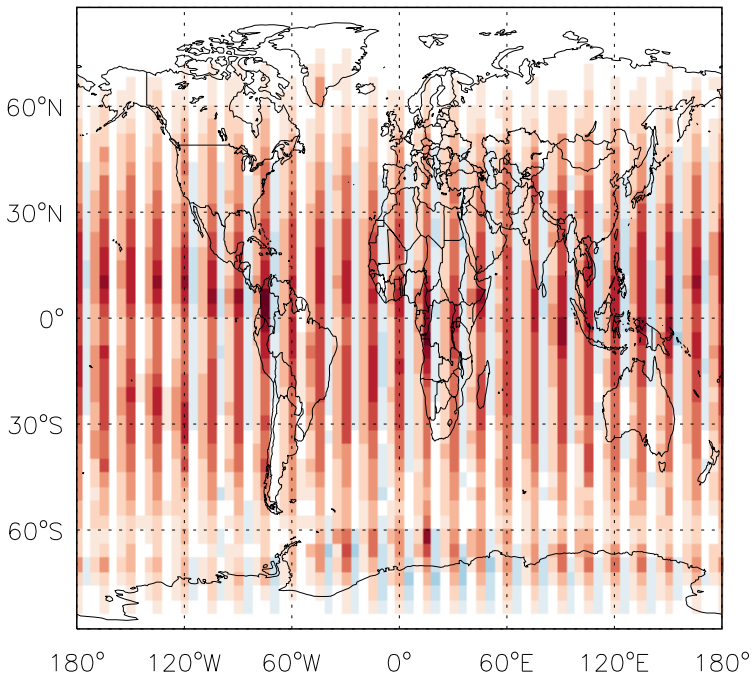


v11-01f-geosp-Run0 - v11-01b-Run0
JCHBr3 - J-Value Diff @ 500 hPa for Oct

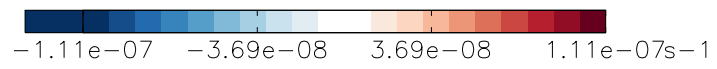
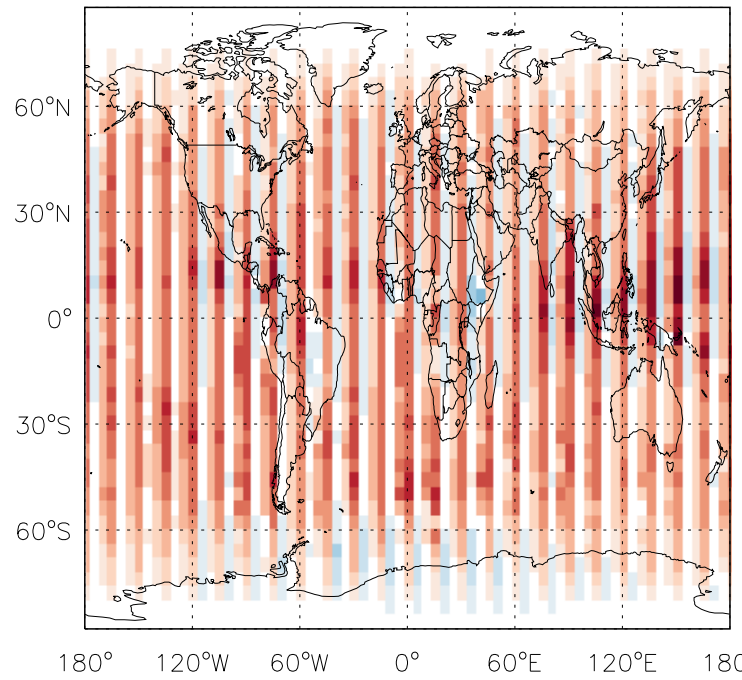


GEOS-Chem J-Values at surface and 500 hPa

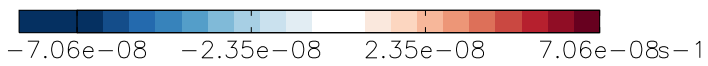
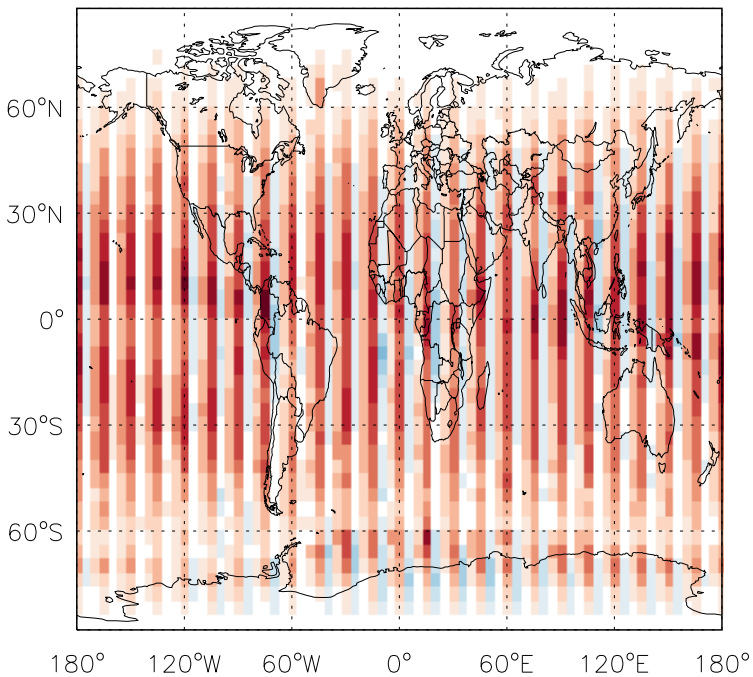
v11-01f-geosp-Run0 - v11-01d-Run1
JHAC - J-Value Diff @ surface for Oct



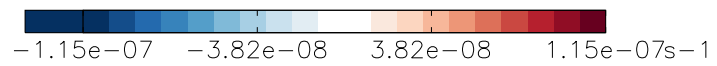
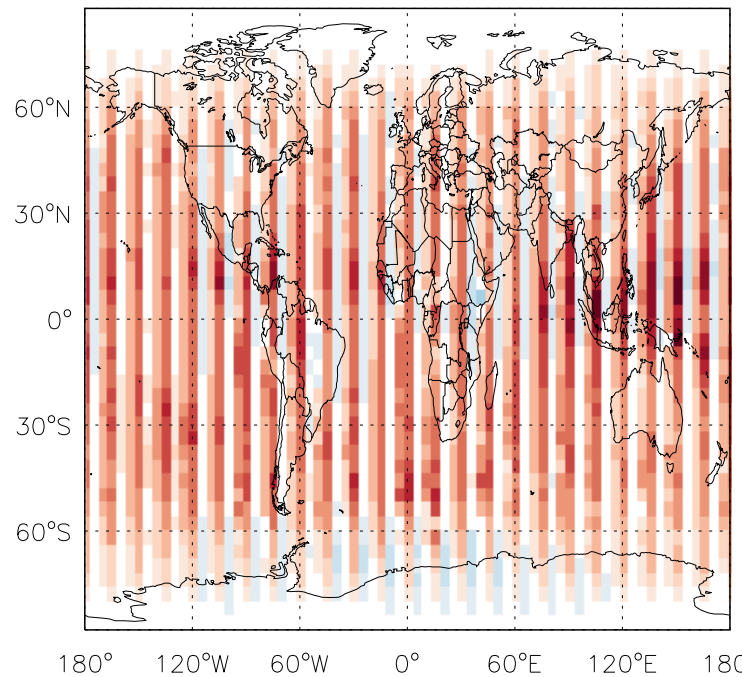
v11-01f-geosp-Run0 - v11-01d-Run1
JHAC - J-Value Diff @ 500 hPa for Oct



v11-01f-geosp-Run0 - v11-01b-Run0
JHAC - J-Value Diff @ surface for Oct

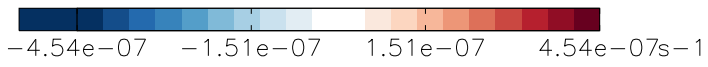
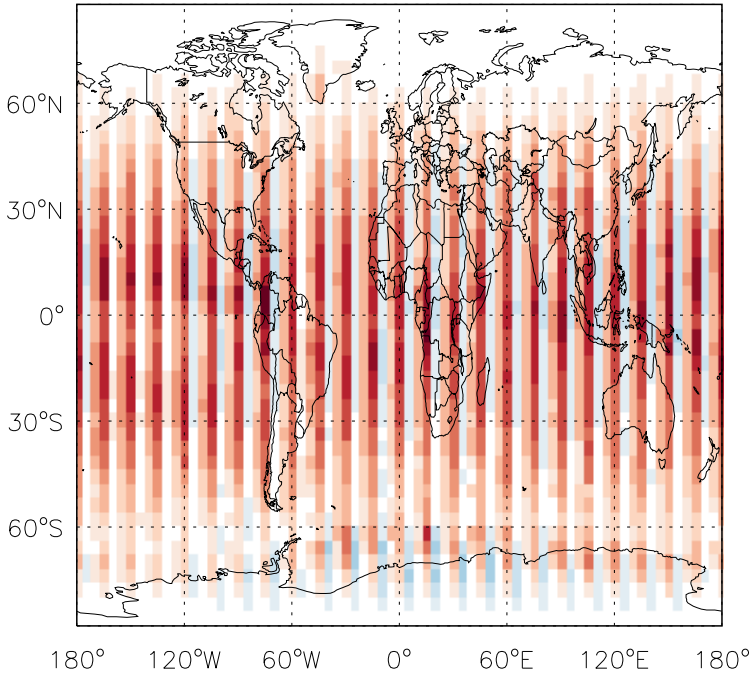


v11-01f-geosp-Run0 - v11-01b-Run0
JHAC - J-Value Diff @ 500 hPa for Oct

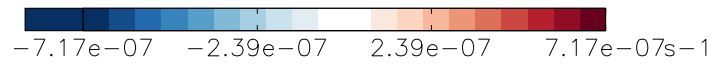
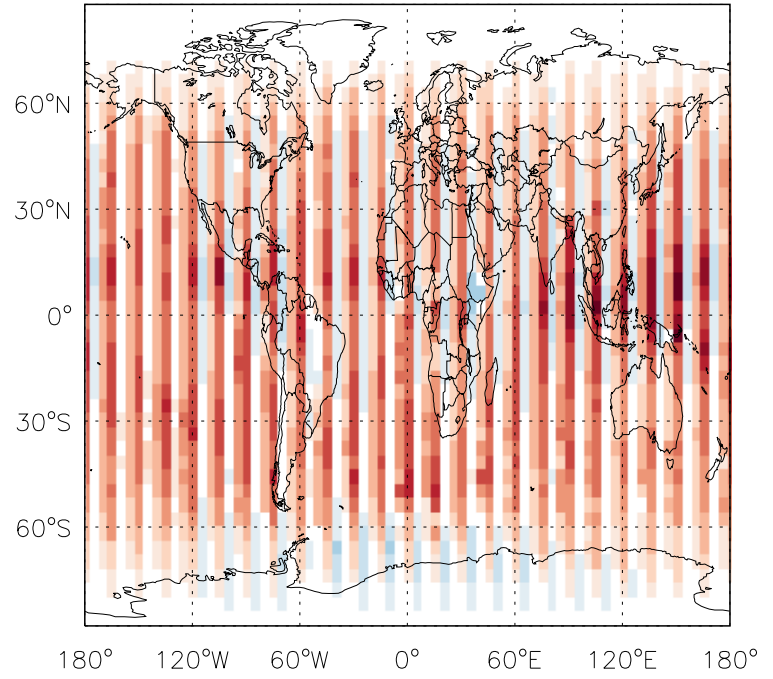


GEOS-Chem J-Values at surface and 500 hPa

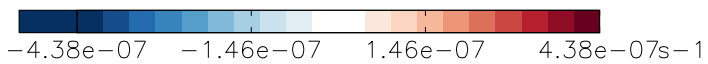
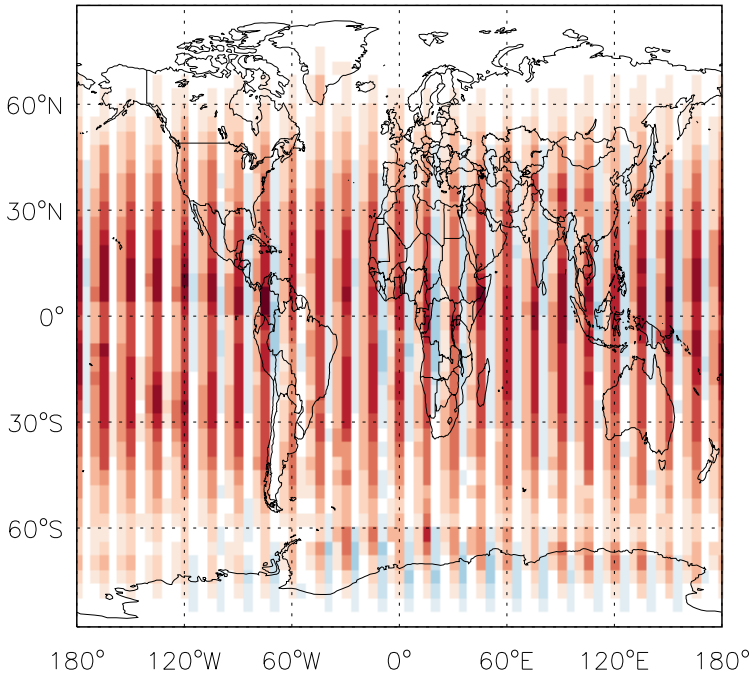
v11-01f-geosp-Run0 - v11-01d-Run1
JGLYC - J-Value Diff @ surface for Oct



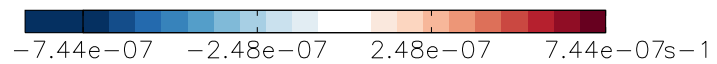
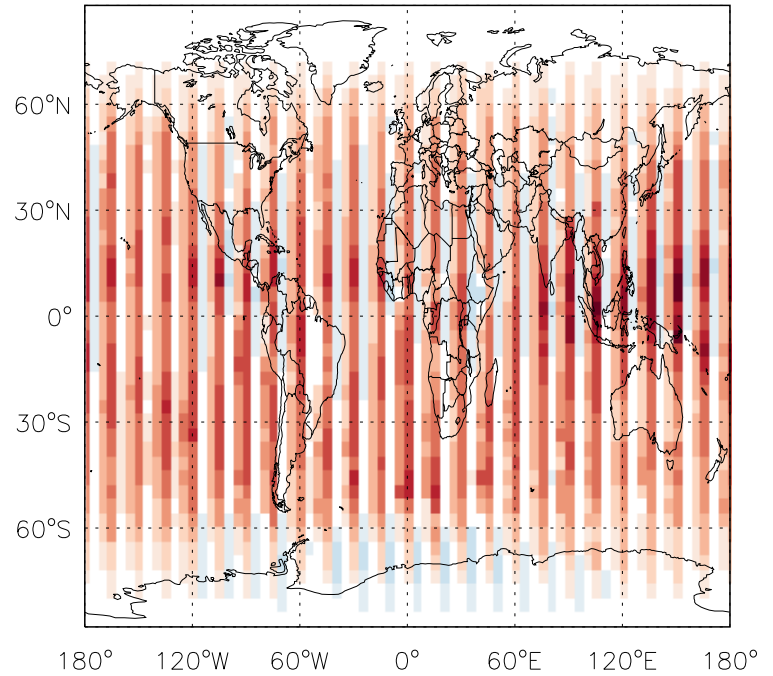
v11-01f-geosp-Run0 - v11-01d-Run1
JGLYC - J-Value Diff @ 500 hPa for Oct



v11-01f-geosp-Run0 - v11-01b-Run0
JGLYC - J-Value Diff @ surface for Oct

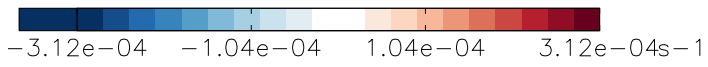
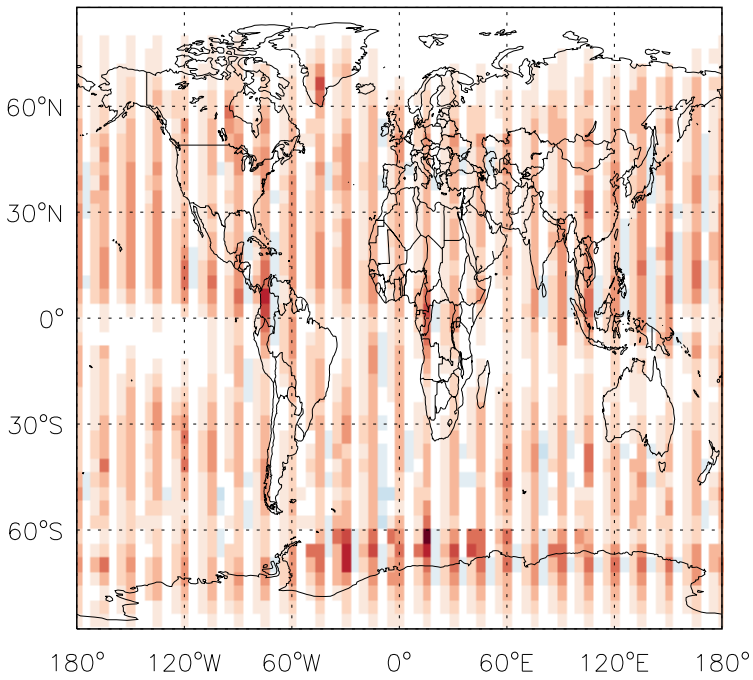


v11-01f-geosp-Run0 - v11-01b-Run0
JGLYC - J-Value Diff @ 500 hPa for Oct

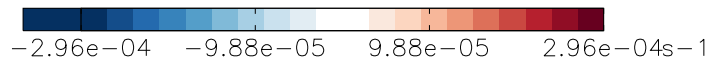
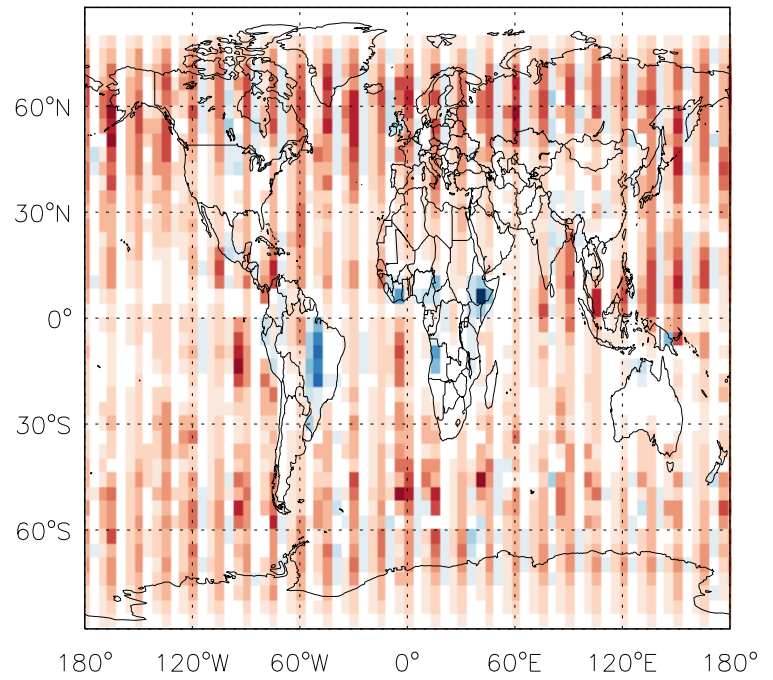


GEOS-Chem J-Values at surface and 500 hPa

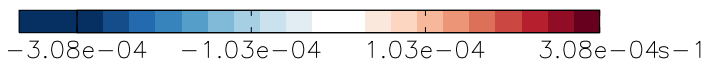
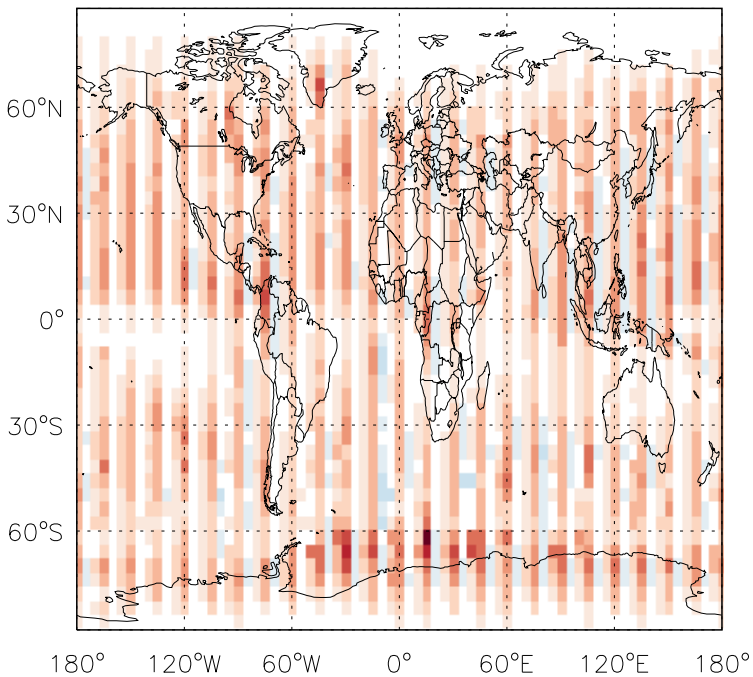
v11-01f-geosp-Run0 - v11-01d-Run1
JNO2 - J-Value Diff @ surface for Oct



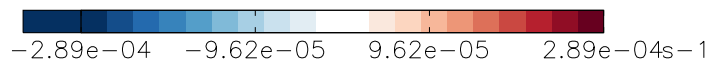
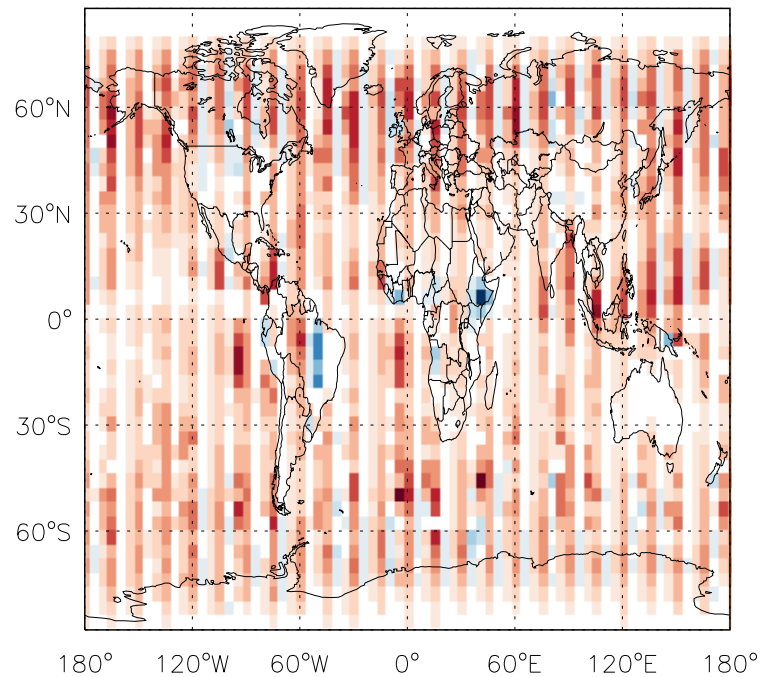
v11-01f-geosp-Run0 - v11-01d-Run1
JNO2 - J-Value Diff @ 500 hPa for Oct



v11-01f-geosp-Run0 - v11-01b-Run0
JNO2 - J-Value Diff @ surface for Oct

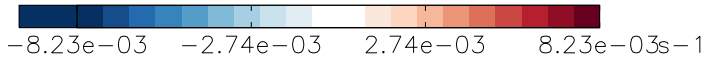
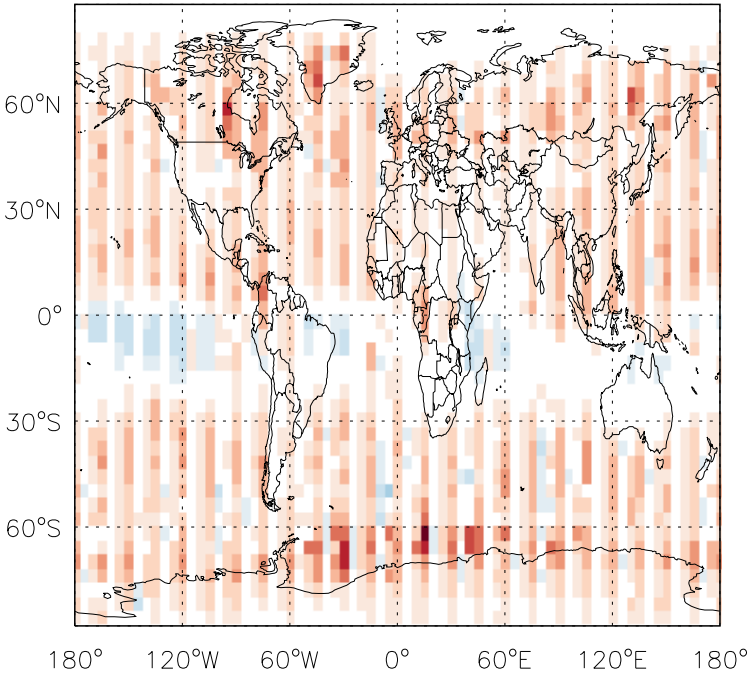


v11-01f-geosp-Run0 - v11-01b-Run0
JNO2 - J-Value Diff @ 500 hPa for Oct

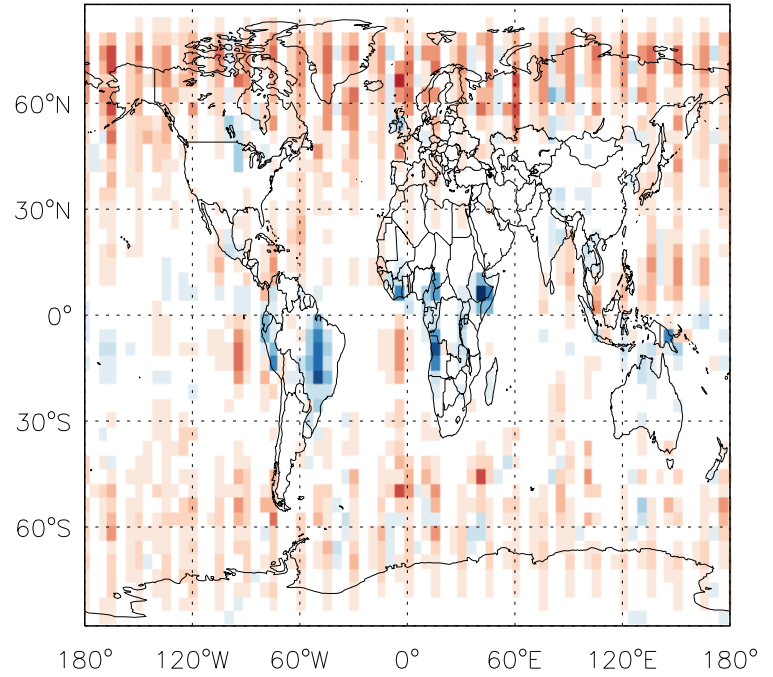


GEOS-Chem J-Values at surface and 500 hPa

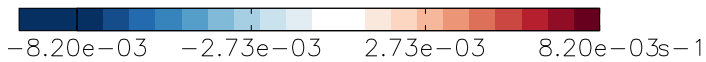
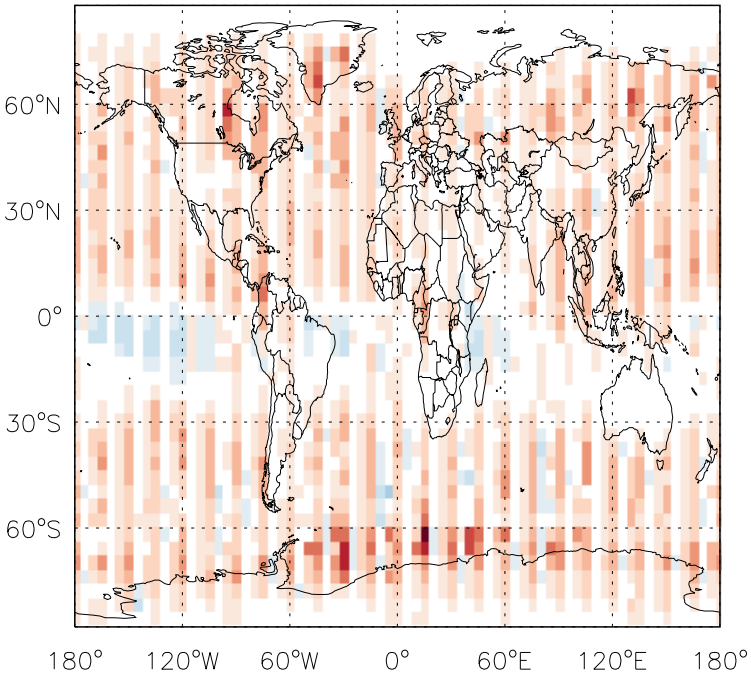
v11-01f-geosp-Run0 - v11-01d-Run1
JNO3 - J-Value Diff @ surface for Oct



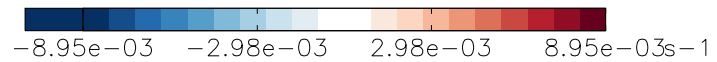
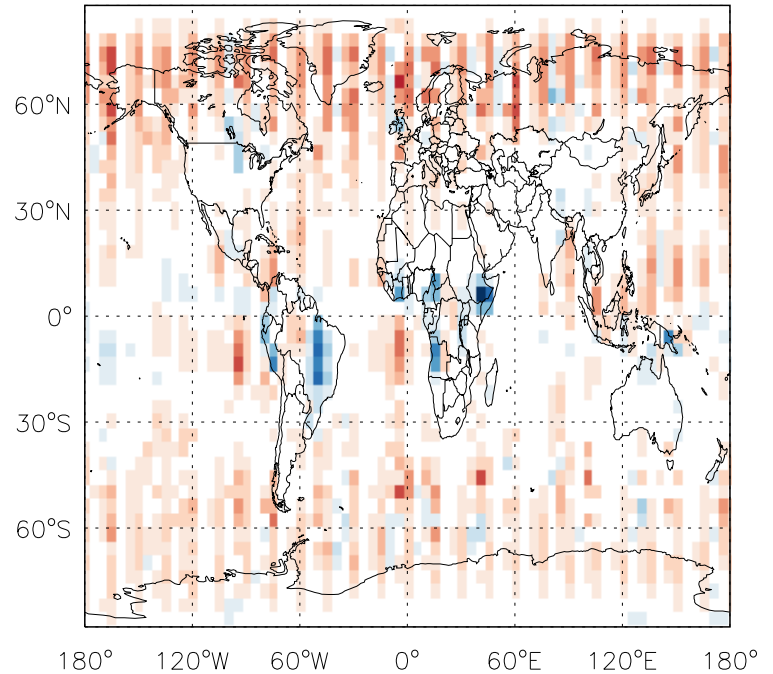
v11-01f-geosp-Run0 - v11-01d-Run1
JNO3 - J-Value Diff @ 500 hPa for Oct



v11-01f-geosp-Run0 - v11-01b-Run0
JNO3 - J-Value Diff @ surface for Oct

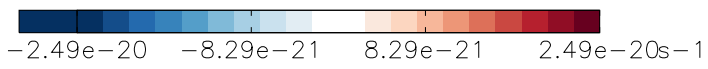
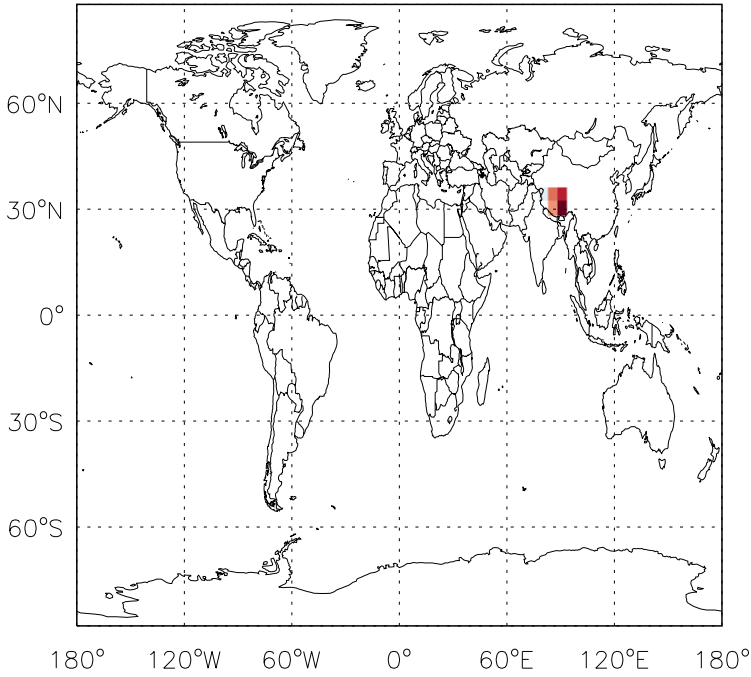


v11-01f-geosp-Run0 - v11-01b-Run0
JNO3 - J-Value Diff @ 500 hPa for Oct

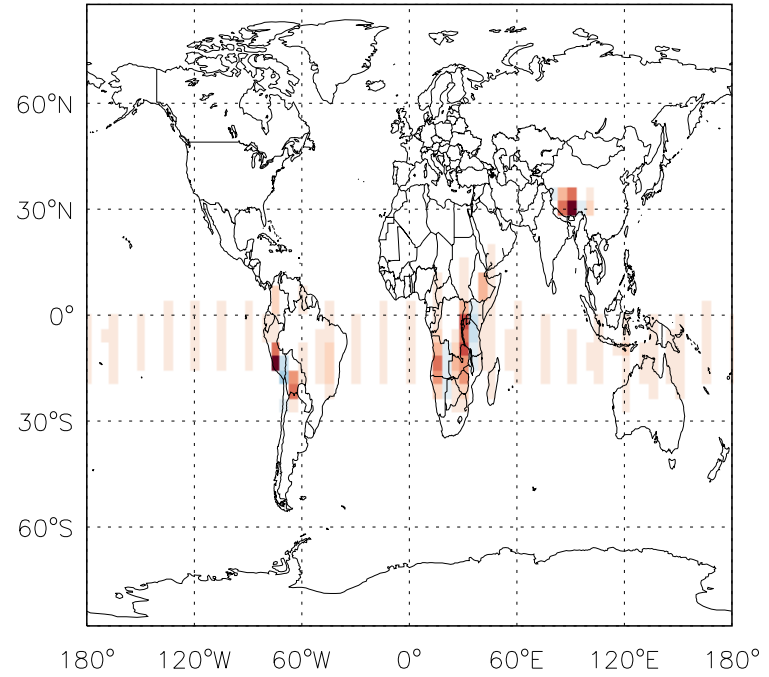


GEOS-Chem J-Values at surface and 500 hPa

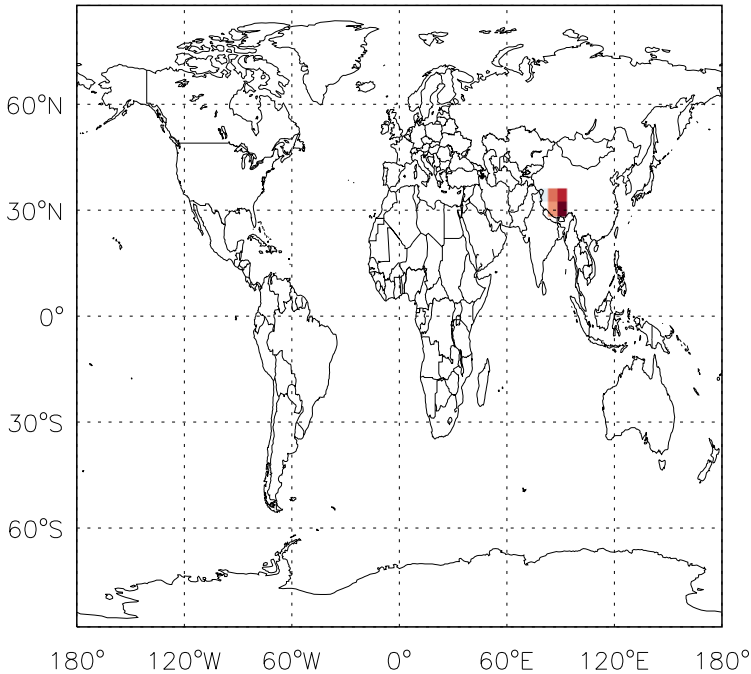
v11-01f-geosp-Run0 - v11-01d-Run1
JN20 - J-Value Diff @ surface for Oct



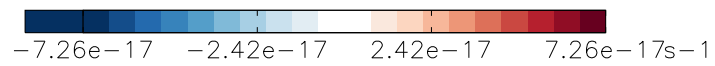
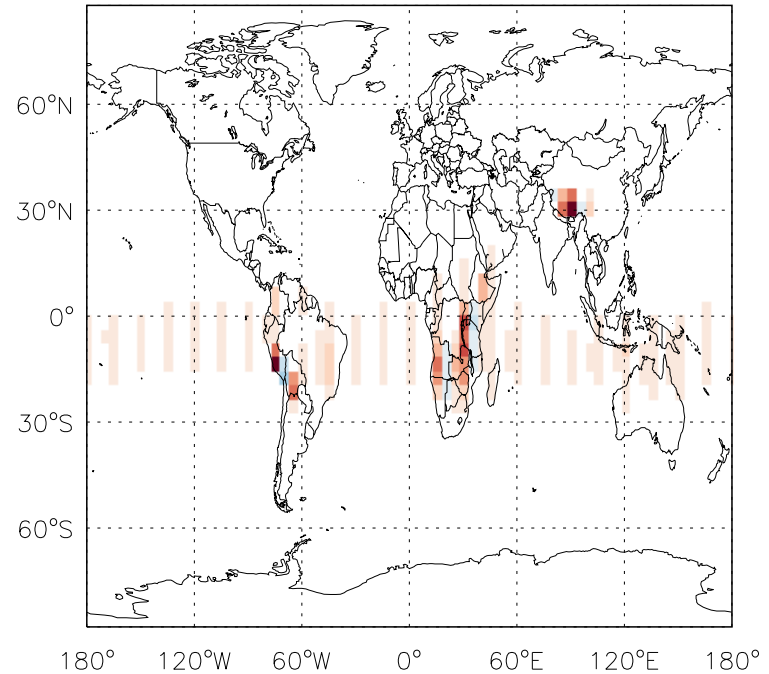
v11-01f-geosp-Run0 - v11-01d-Run1
JN20 - J-Value Diff @ 500 hPa for Oct



v11-01f-geosp-Run0 - v11-01b-Run0
JN20 - J-Value Diff @ surface for Oct

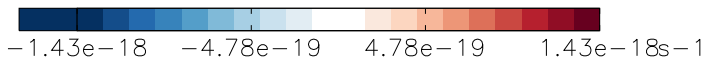
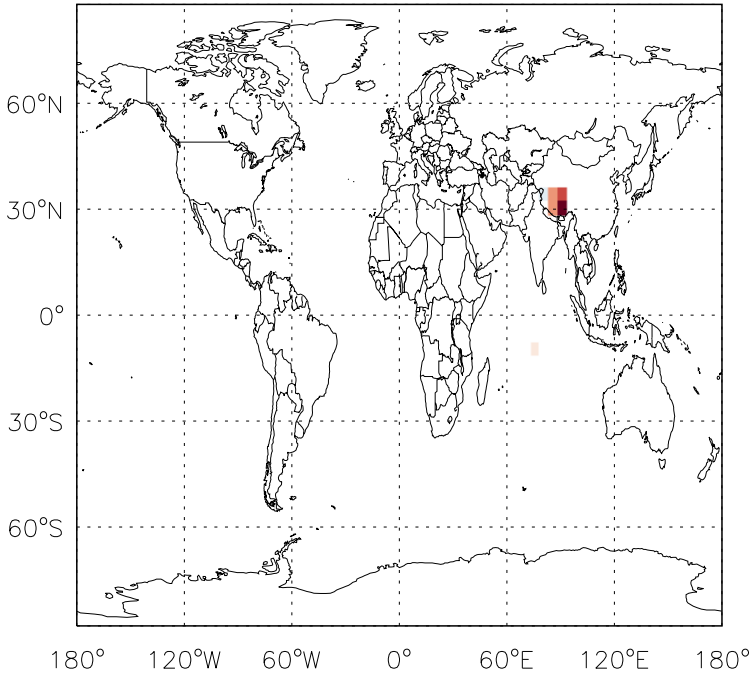


v11-01f-geosp-Run0 - v11-01b-Run0
JN20 - J-Value Diff @ 500 hPa for Oct

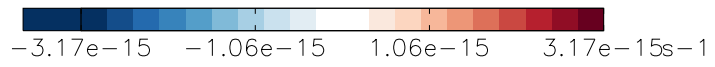
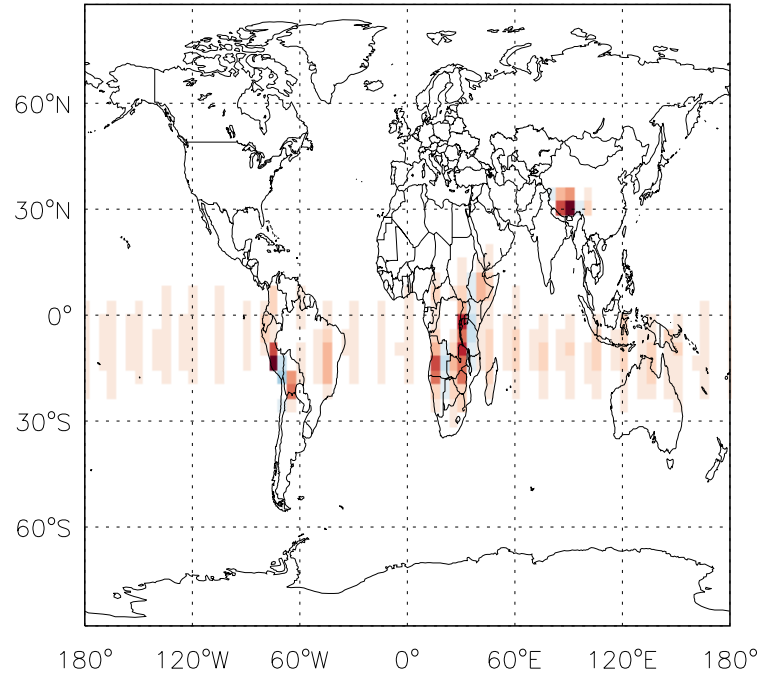


GEOS-Chem J-Values at surface and 500 hPa

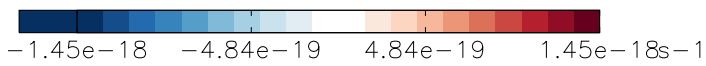
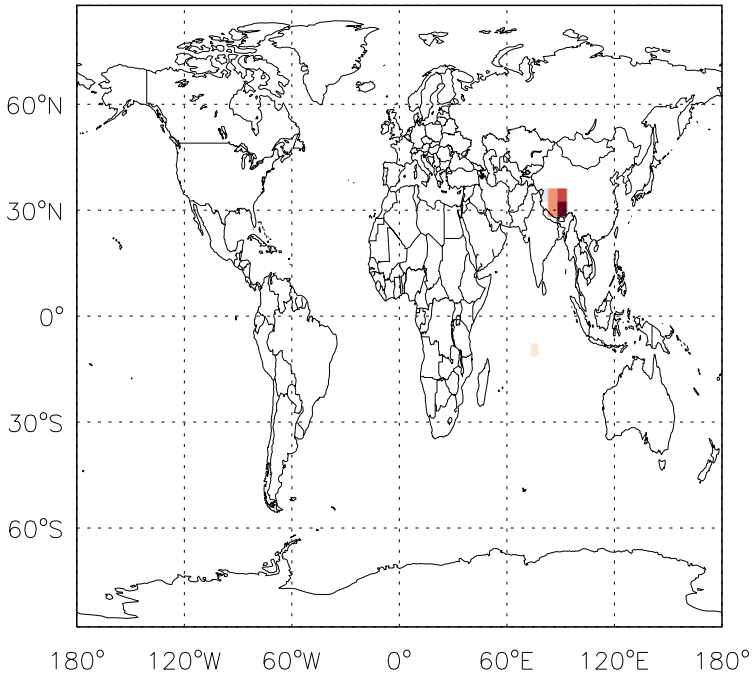
v11-01f-geosp-Run0 - v11-01d-Run1
JCCI4 - J-Value Diff @ surface for Oct



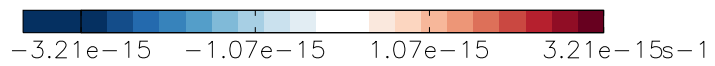
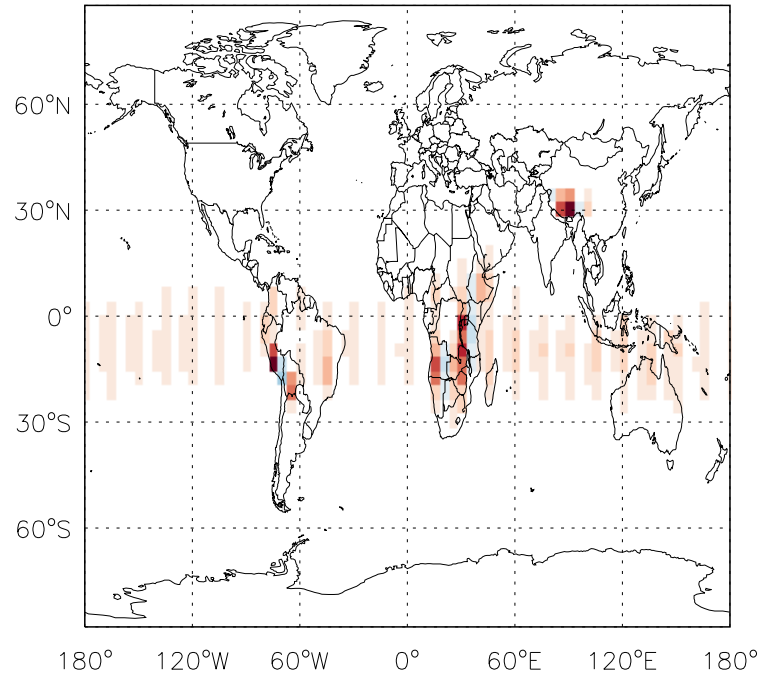
v11-01f-geosp-Run0 - v11-01d-Run1
JCCI4 - J-Value Diff @ 500 hPa for Oct



v11-01f-geosp-Run0 - v11-01b-Run0
JCCI4 - J-Value Diff @ surface for Oct

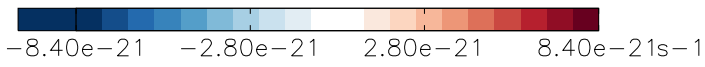
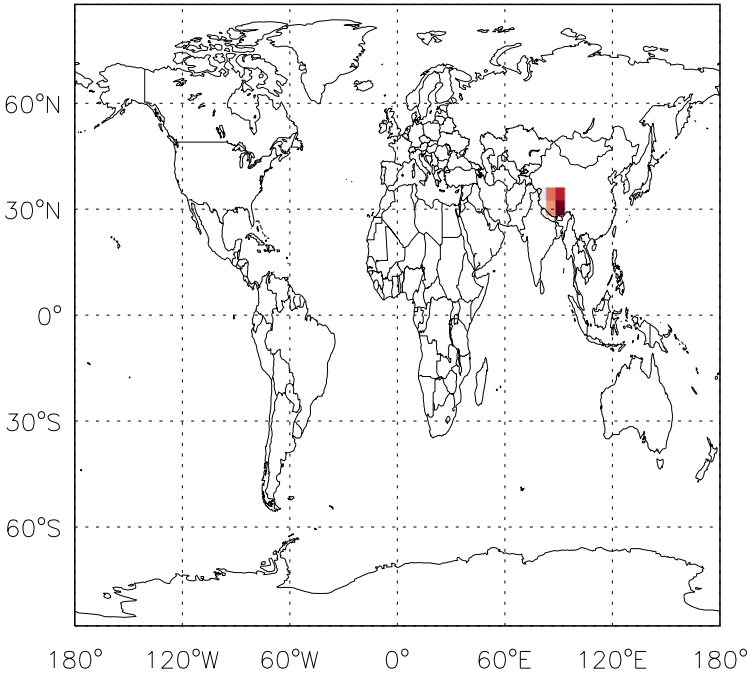


v11-01f-geosp-Run0 - v11-01b-Run0
JCCI4 - J-Value Diff @ 500 hPa for Oct

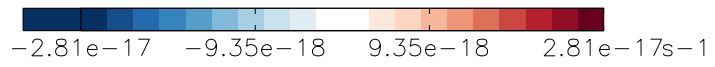
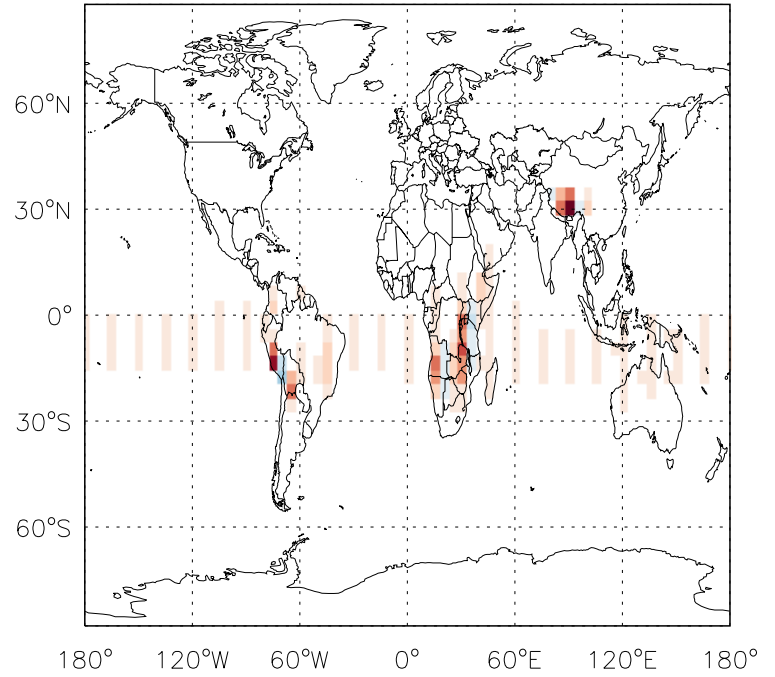


GEOS-Chem J-Values at surface and 500 hPa

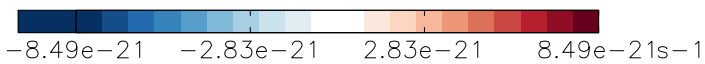
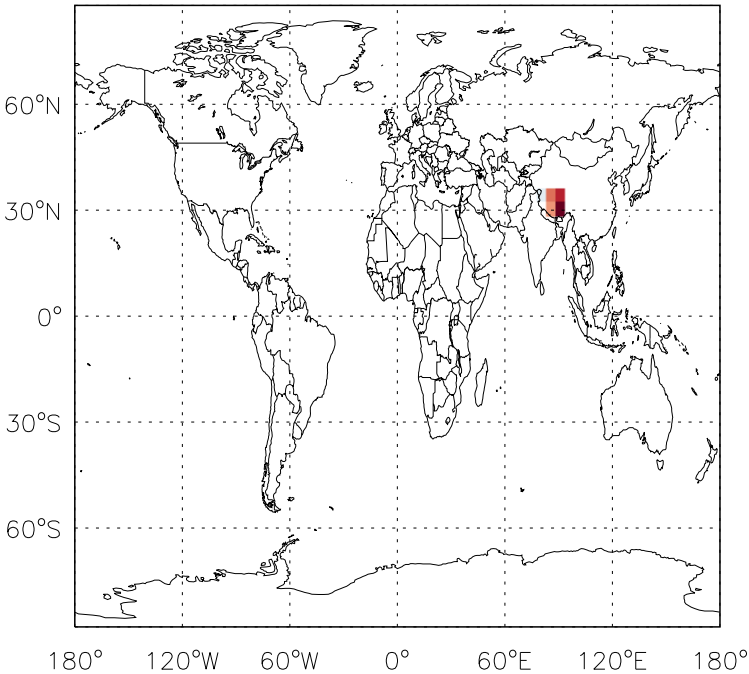
v11-01f-geosp-Run0 - v11-01d-Run1
JCH3CI - J-Value Diff @ surface for Oct



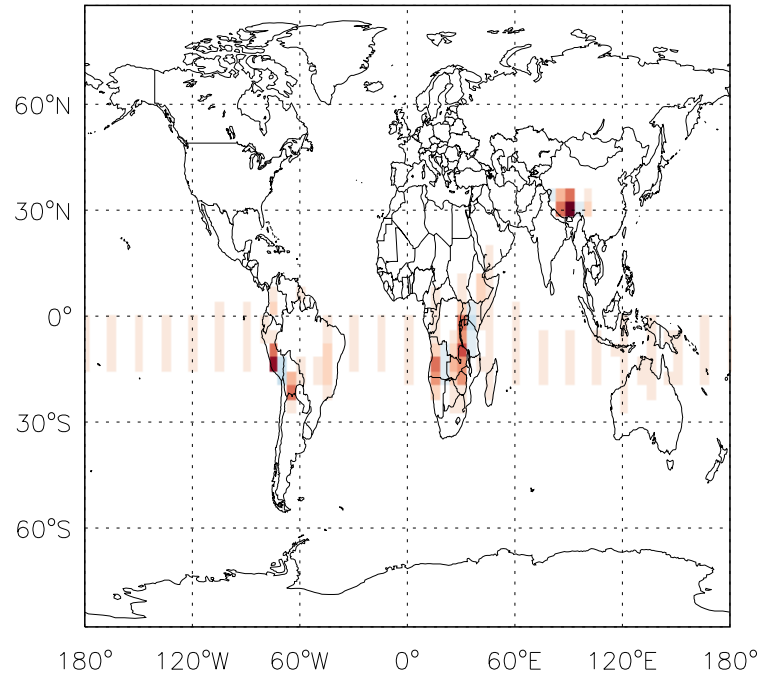
v11-01f-geosp-Run0 - v11-01d-Run1
JCH3CI - J-Value Diff @ 500 hPa for Oct



v11-01f-geosp-Run0 - v11-01b-Run0
JCH3CI - J-Value Diff @ surface for Oct

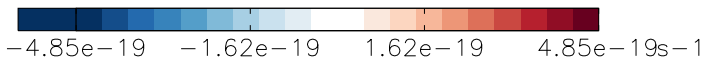
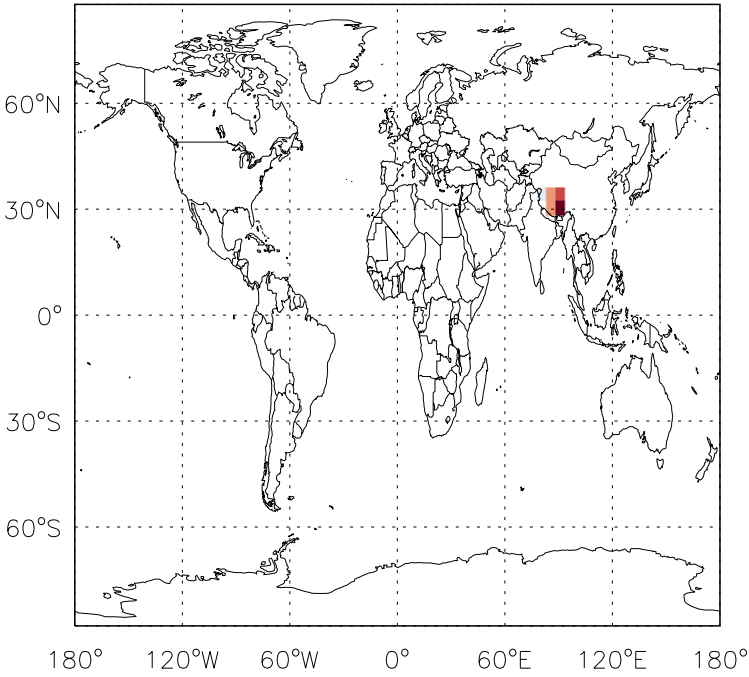


v11-01f-geosp-Run0 - v11-01b-Run0
JCH3CI - J-Value Diff @ 500 hPa for Oct

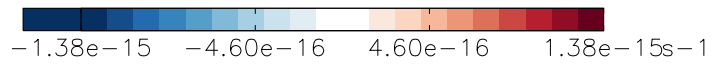
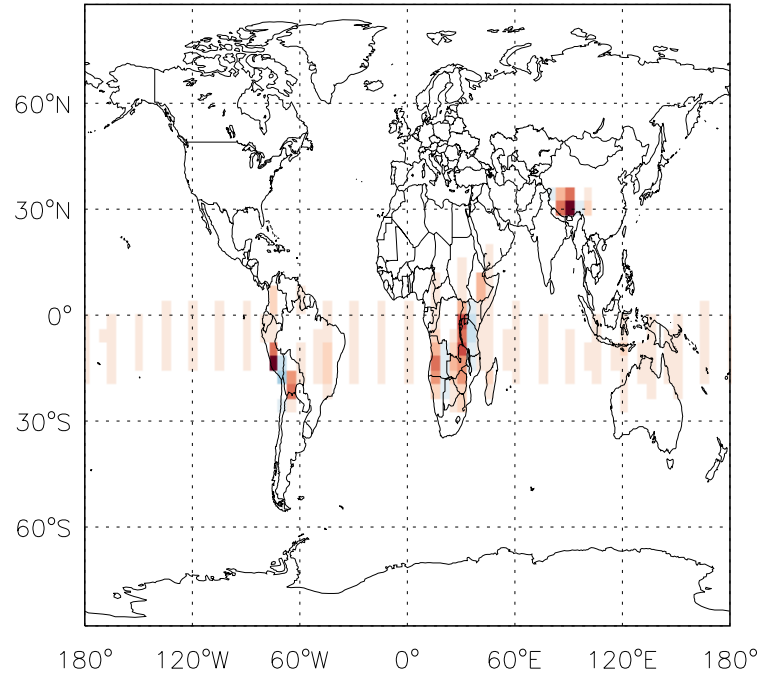


GEOS-Chem J-Values at surface and 500 hPa

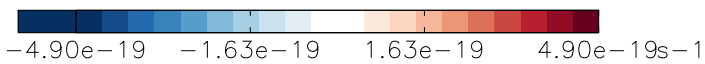
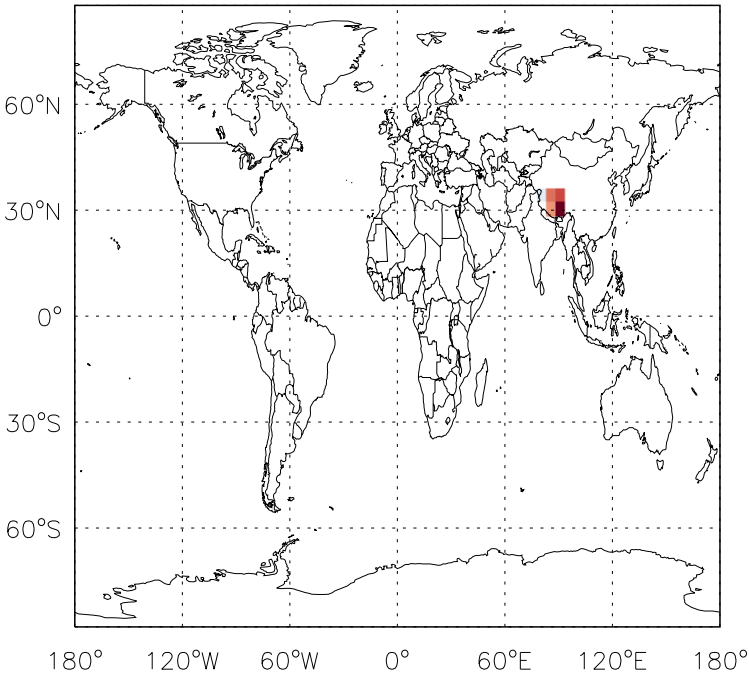
v11-01f-geosp-Run0 - v11-01d-Run1
JCFC11 - J-Value Diff @ surface for Oct



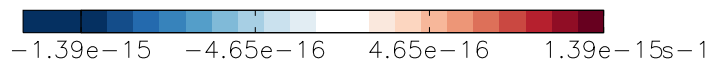
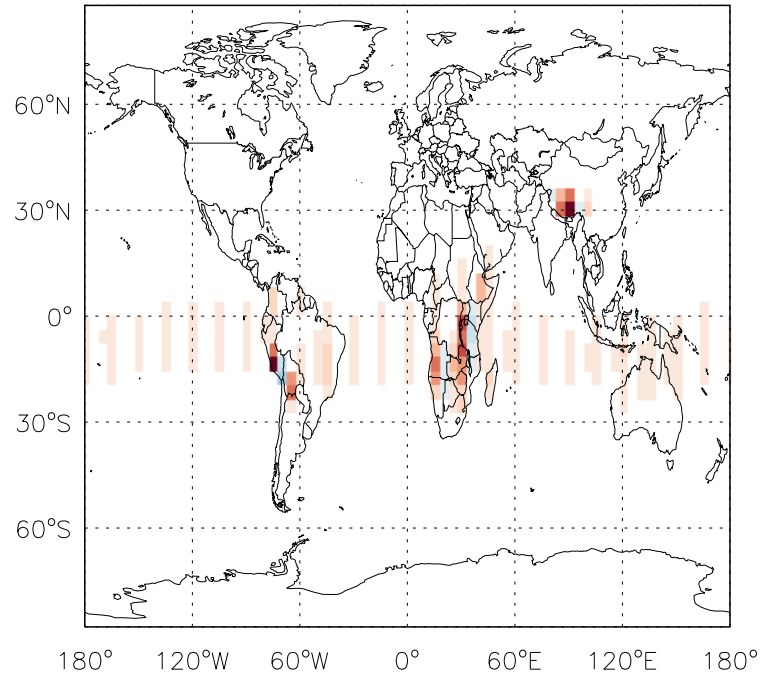
v11-01f-geosp-Run0 - v11-01d-Run1
JCFC11 - J-Value Diff @ 500 hPa for Oct



v11-01f-geosp-Run0 - v11-01b-Run0
JCFC11 - J-Value Diff @ surface for Oct

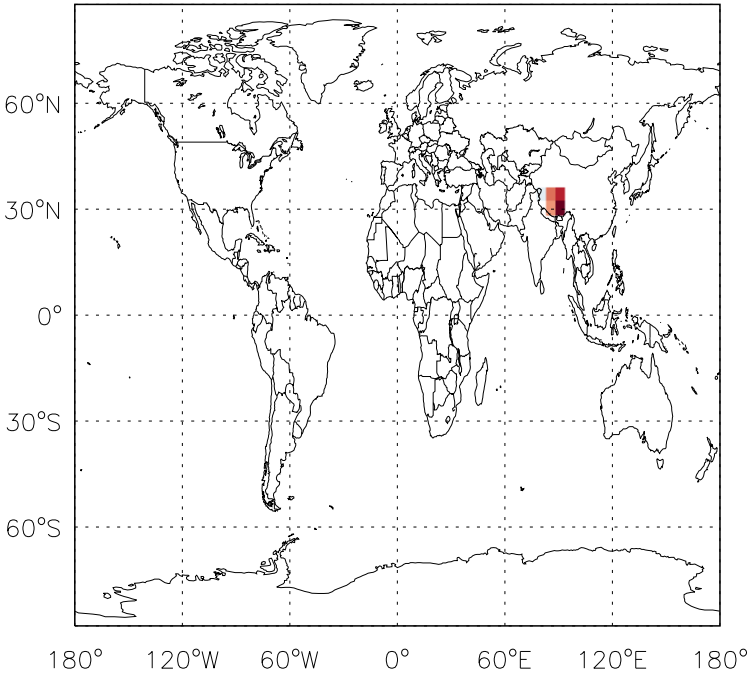


v11-01f-geosp-Run0 - v11-01b-Run0
JCFC11 - J-Value Diff @ 500 hPa for Oct

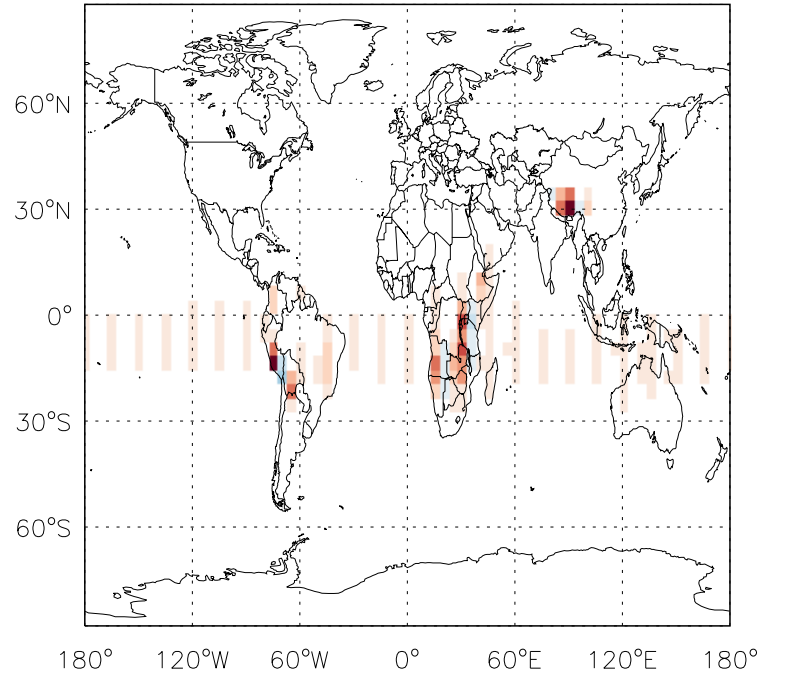


GEOS-Chem J-Values at surface and 500 hPa

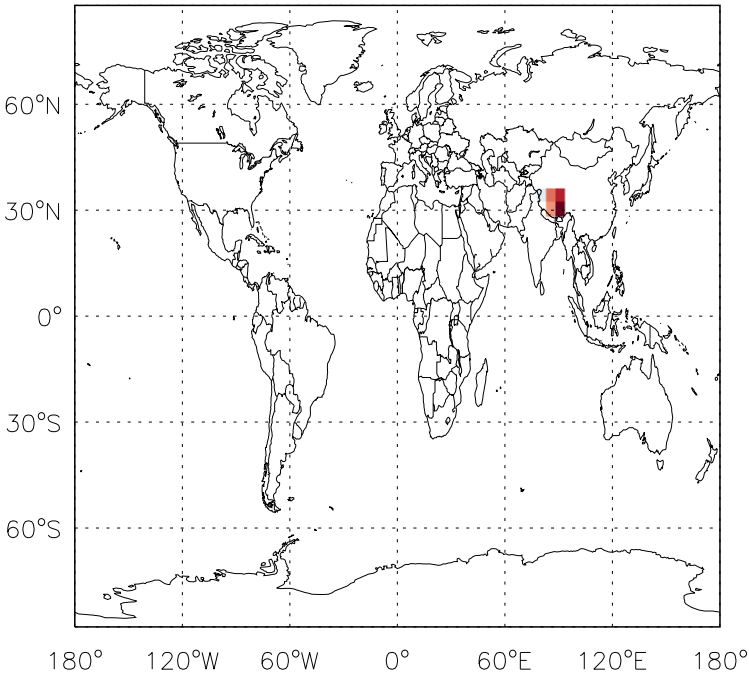
v11-01f-geosp-Run0 - v11-01d-Run1
JCFC12 - J-Value Diff @ surface for Oct



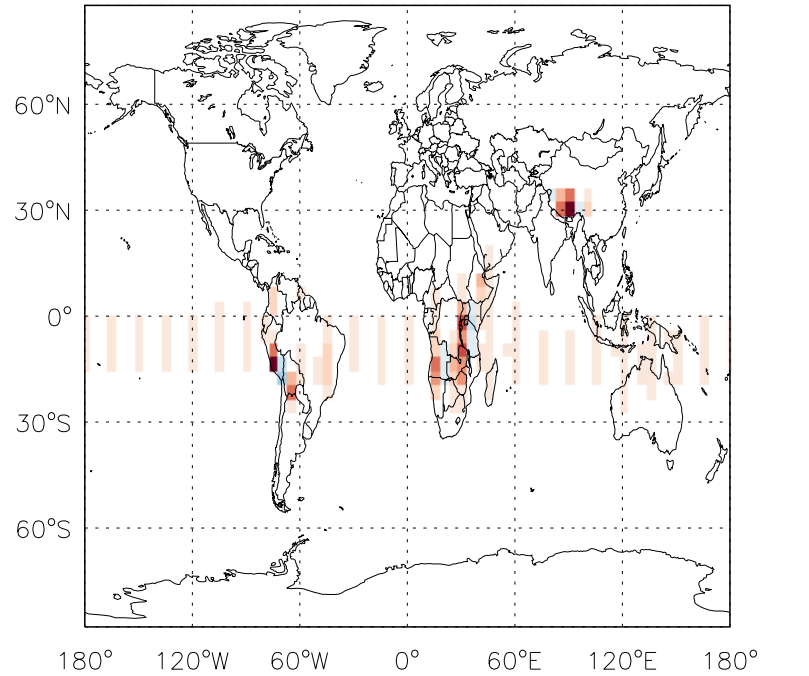
v11-01f-geosp-Run0 - v11-01d-Run1
JCFC12 - J-Value Diff @ 500 hPa for Oct



v11-01f-geosp-Run0 - v11-01b-Run0
JCFC12 - J-Value Diff @ surface for Oct



v11-01f-geosp-Run0 - v11-01b-Run0
JCFC12 - J-Value Diff @ 500 hPa for Oct



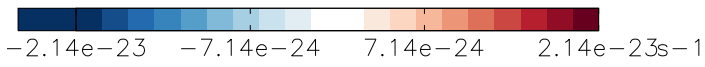
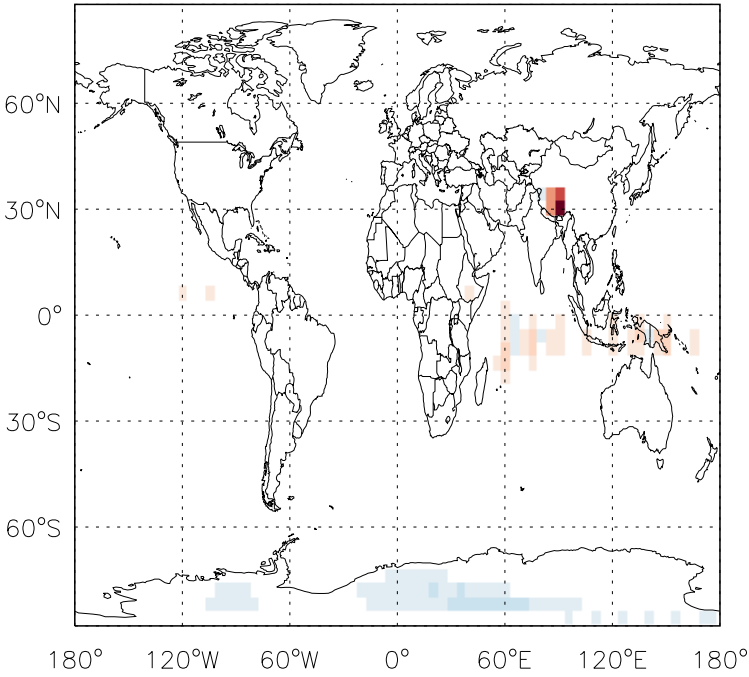
-3.36e-20 -1.12e-20 1.12e-20 3.36e-20s-1

-1.10e-16 -3.68e-17 3.68e-17 1.10e-16s-1

GEOS-Chem J-Values at surface and 500 hPa

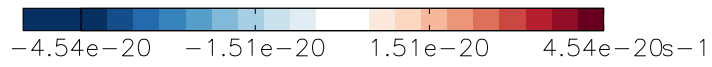
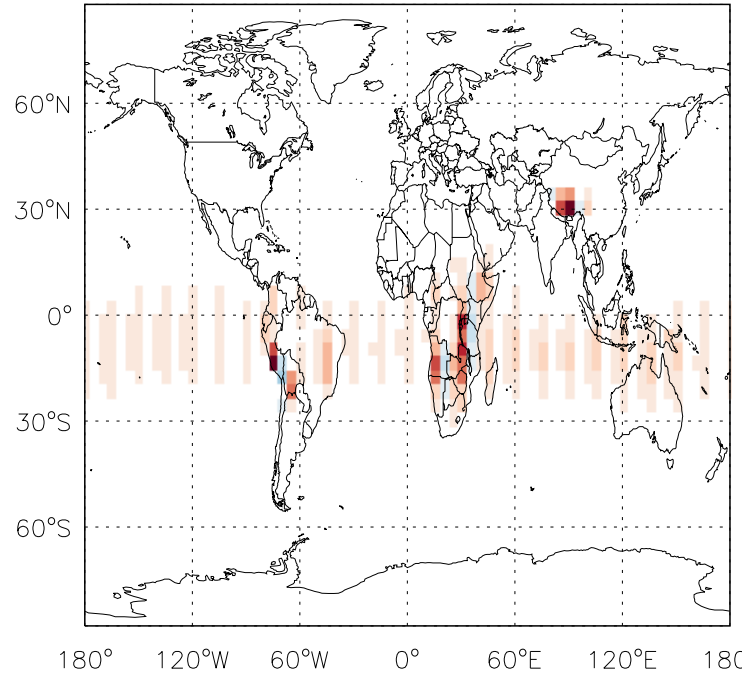
v11-01f-geosp-Run0 - v11-01d-Run1

J02 - J-Value Diff @ surface for Oct



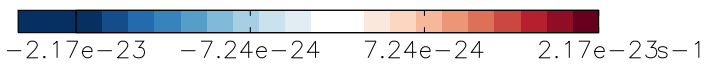
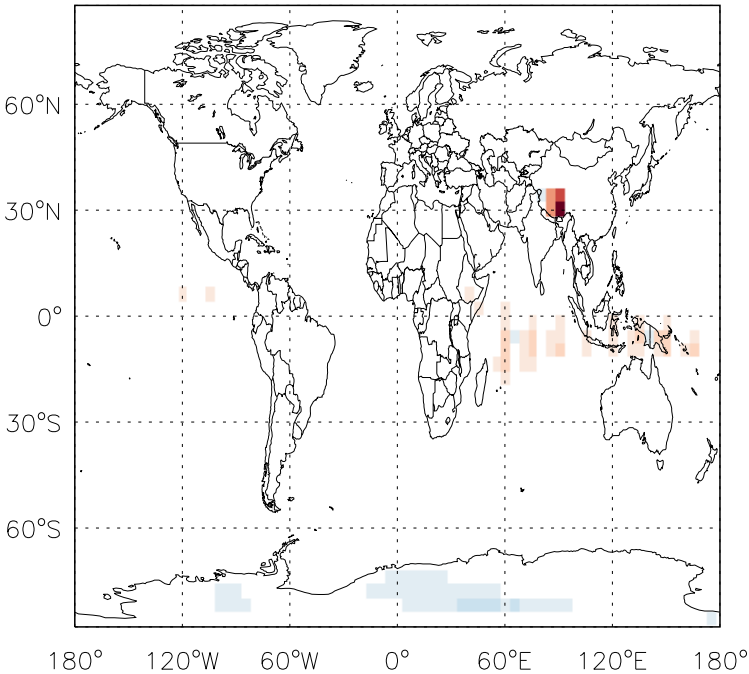
v11-01f-geosp-Run0 - v11-01d-Run1

J02 - J-Value Diff @ 500 hPa for Oct



v11-01f-geosp-Run0 - v11-01b-Run0

J02 - J-Value Diff @ surface for Oct



v11-01f-geosp-Run0 - v11-01b-Run0

J02 - J-Value Diff @ 500 hPa for Oct

