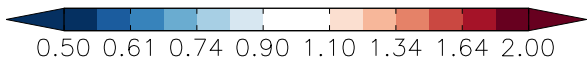
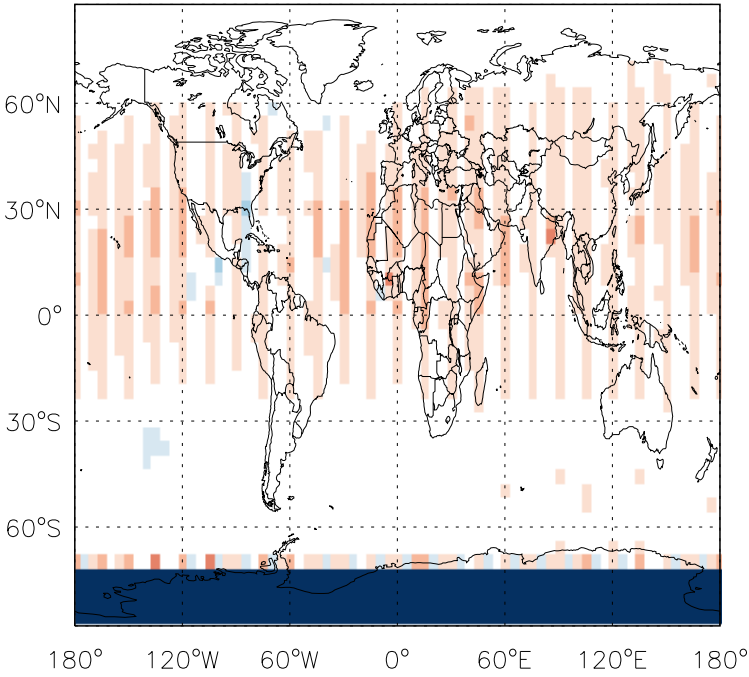


GEOS-Chem J-Values at surface and 500 hPa

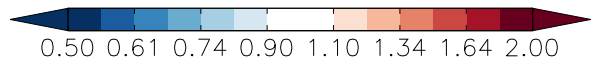
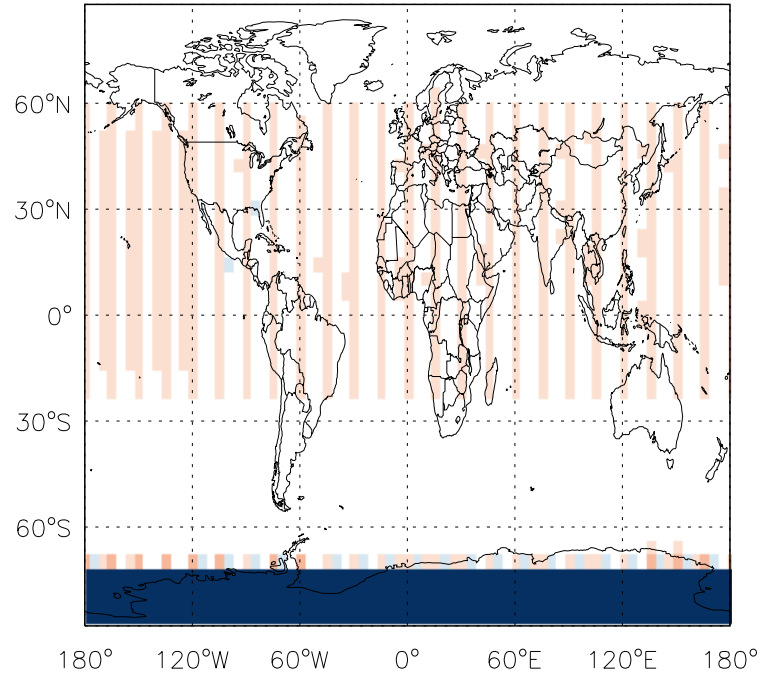
v11-01f-geosp-Run0 - v11-01d-Run1

JNO - J-Value Ratio @ surface for Jul



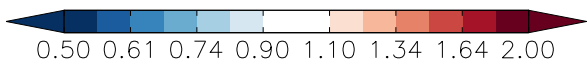
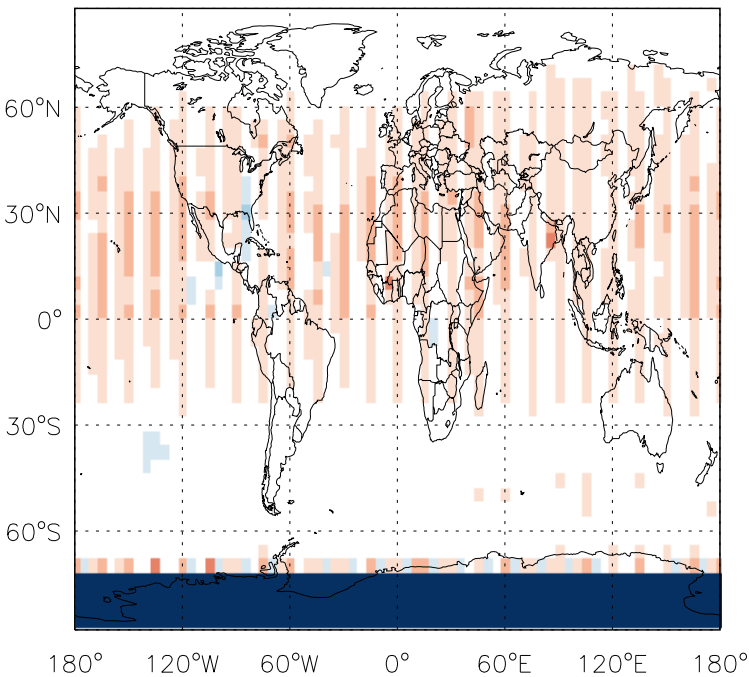
v11-01f-geosp-Run0 - v11-01d-Run1

JNO - J-Value Ratio @ 500 hPa for Jul



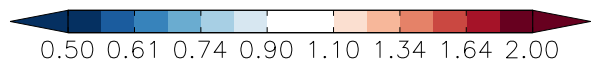
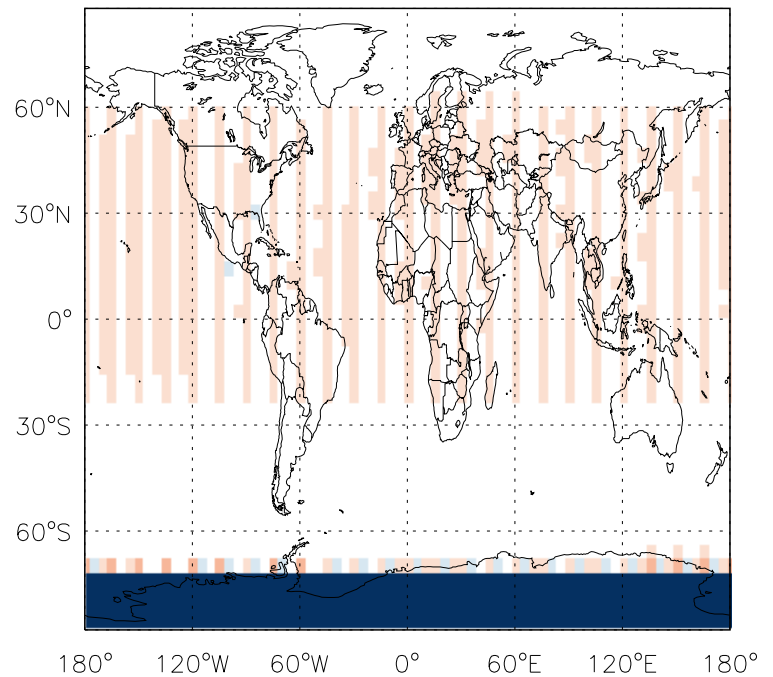
v11-01f-geosp-Run0 - v11-01b-Run0

JNO - J-Value Ratio @ surface for Jul



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

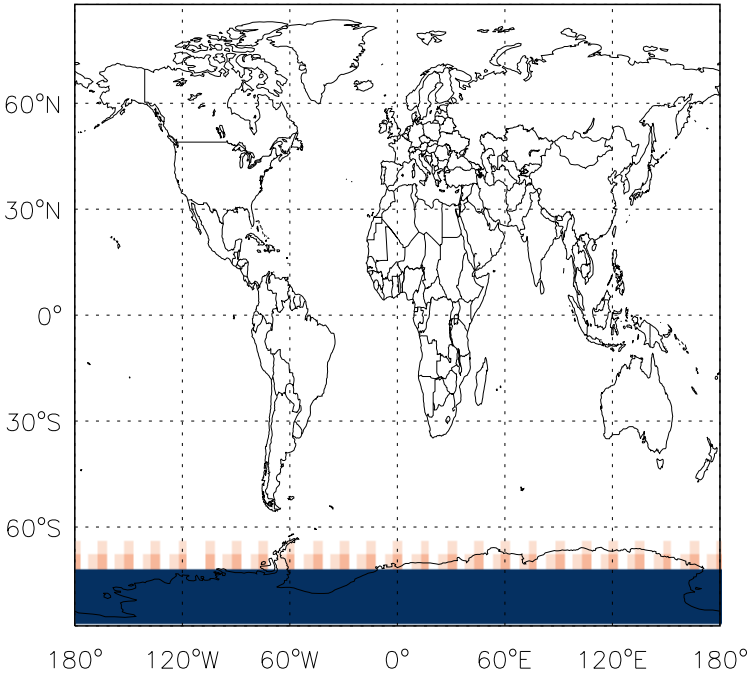
JNO - J-Value Ratio @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

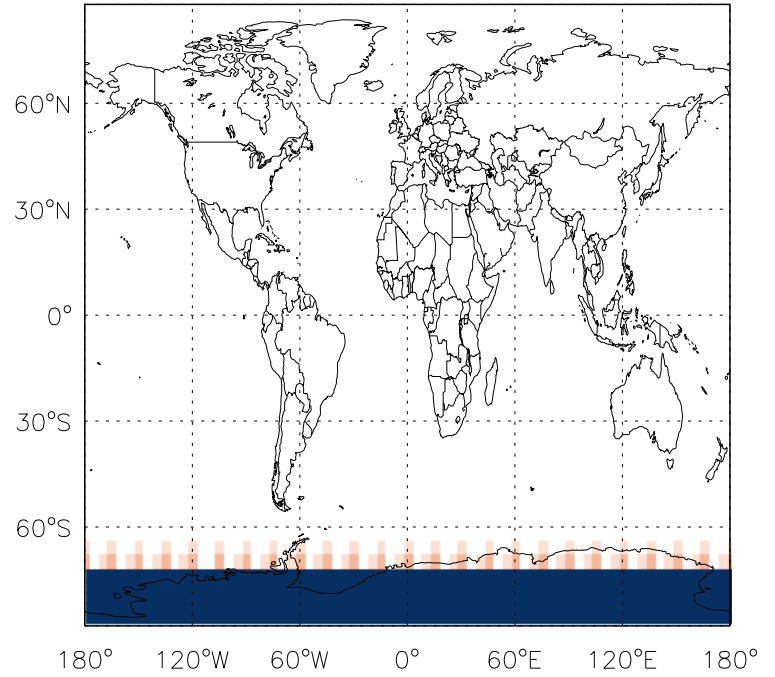
v11-01f-geosp-Run0 - v11-01d-Run1

J03_01D - J-Value Ratio @ surface for Jul



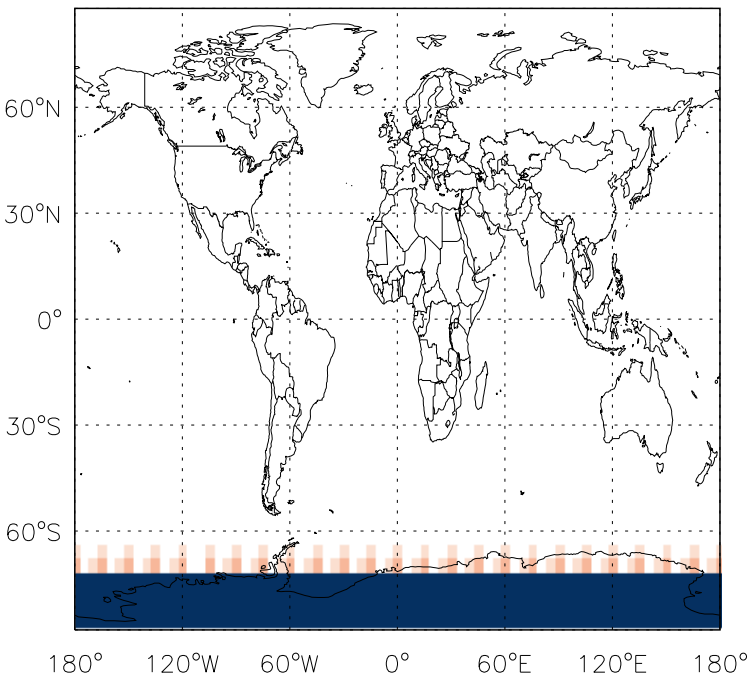
v11-01f-geosp-Run0 - v11-01d-Run1

J03_01D - J-Value Ratio @ 500 hPa for Jul



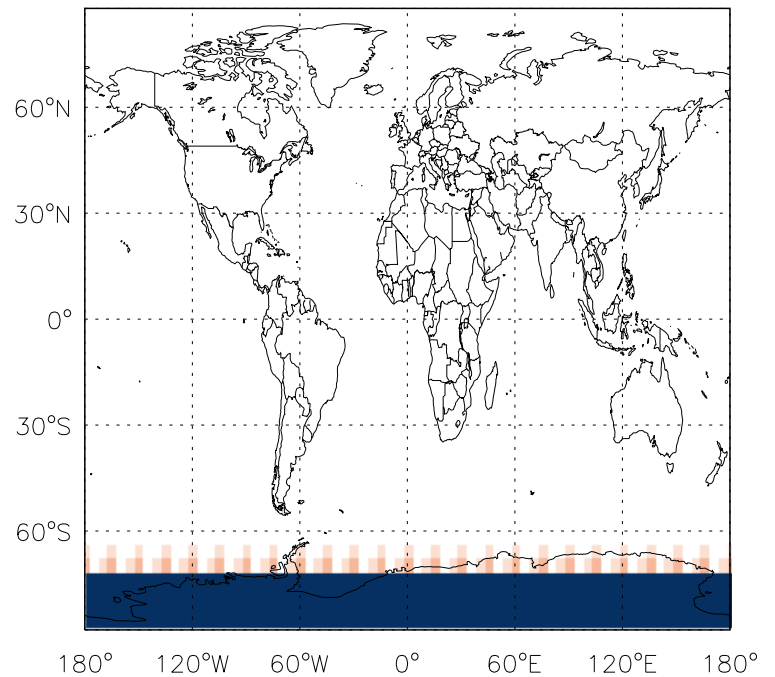
v11-01f-geosp-Run0 - v11-01b-Run0

J03_01D - J-Value Ratio @ surface for Jul



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

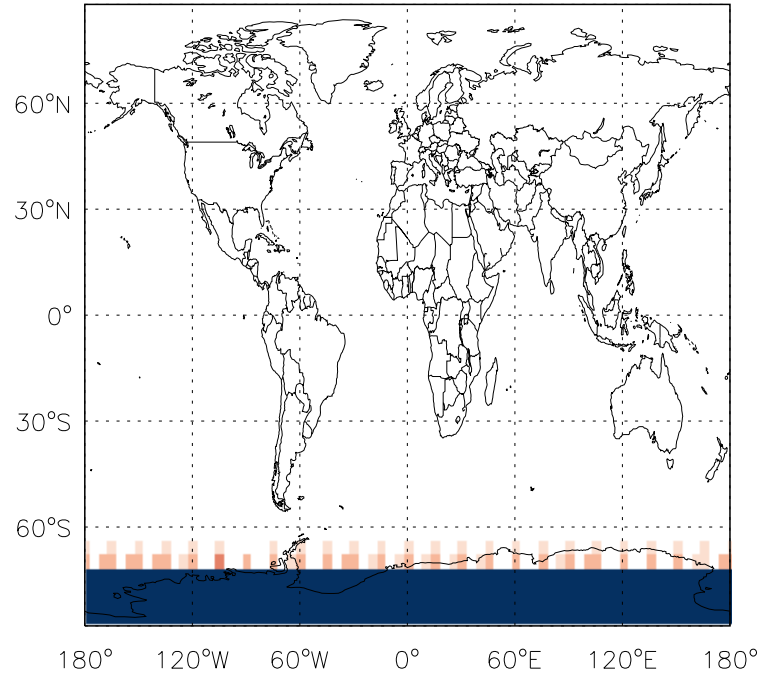
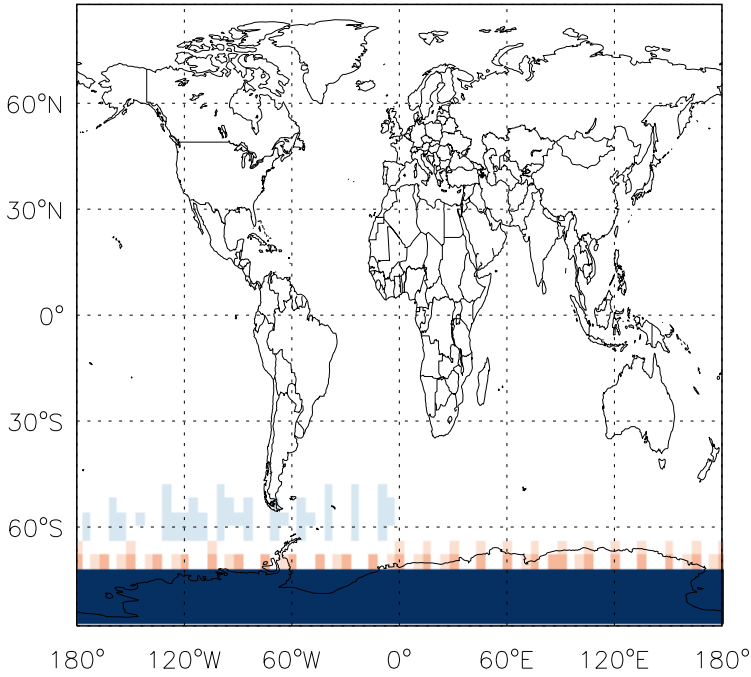
J03_01D - J-Value Ratio @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

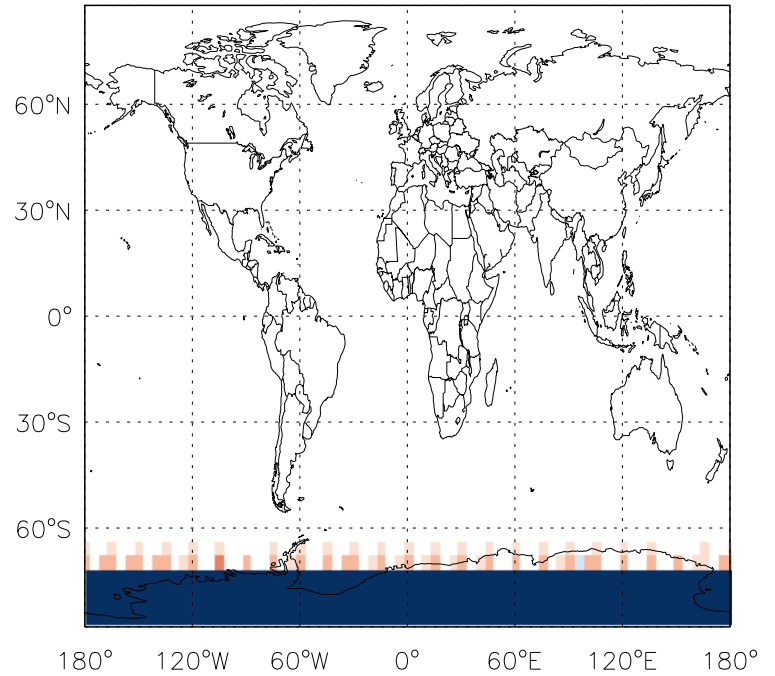
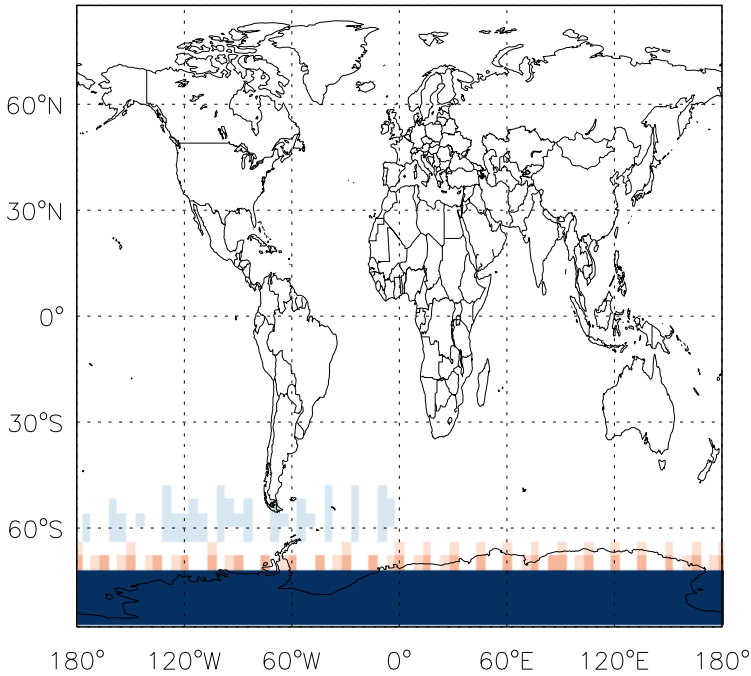
v11-01f-geosp-Run0 - v11-01d-Run1
J03_03P - J-Value Ratio @ surface for Jul

v11-01f-geosp-Run0 - v11-01d-Run1
J03_03P - J-Value Ratio @ 500 hPa for Jul



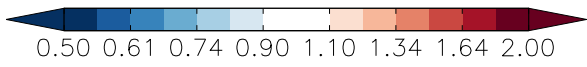
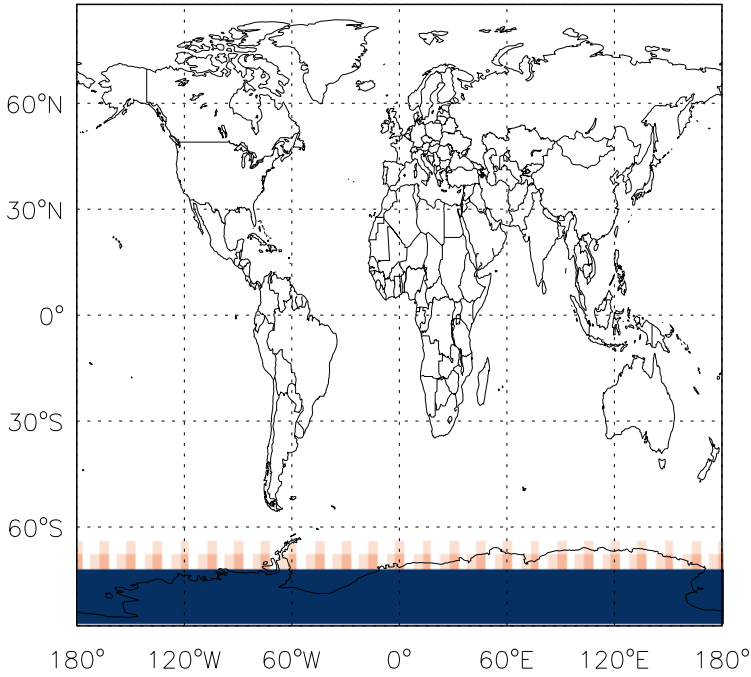
v11-01f-geosp-Run0 - v11-01b-Run0
J03_03P - J-Value Ratio @ surface for Jul

v11-01f-geosp-Run0 - v11-01b-Run0
J03_03P - J-Value Ratio @ 500 hPa for Jul

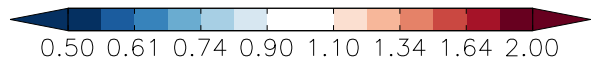
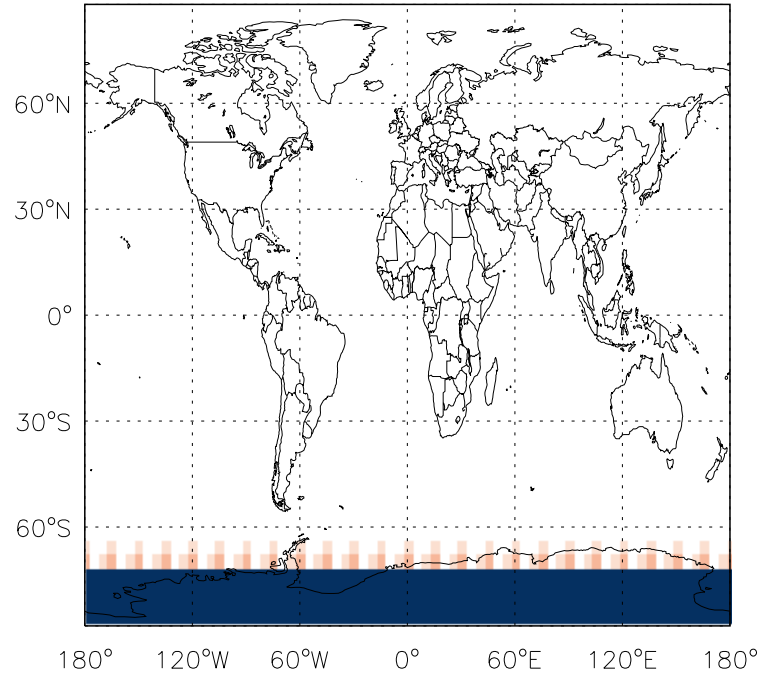


GEOS-Chem J-Values at surface and 500 hPa

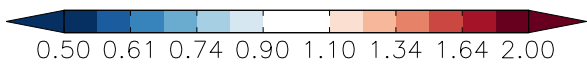
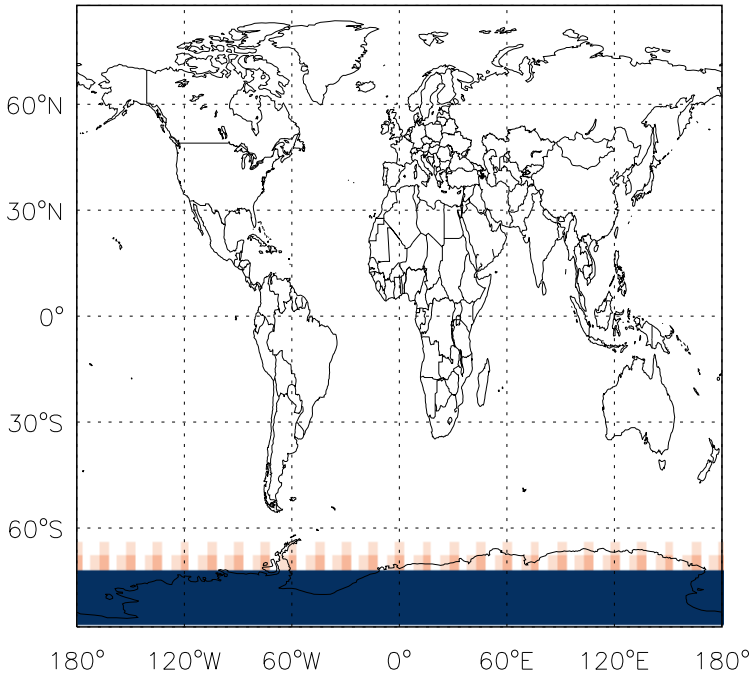
v11-01f-geosp-Run0 - v11-01d-Run1
JHN03 - J-Value Ratio @ surface for Jul



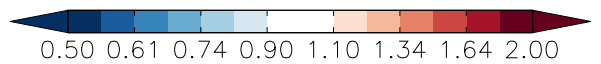
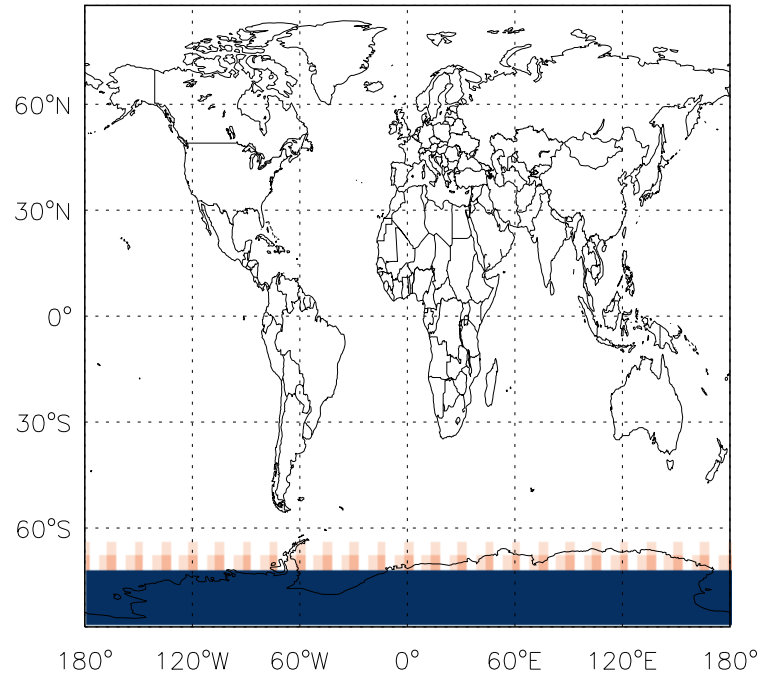
v11-01f-geosp-Run0 - v11-01d-Run1
JHN03 - J-Value Ratio @ 500 hPa for Jul



v11-01f-geosp-Run0 - v11-01b-Run0
JHN03 - J-Value Ratio @ surface for Jul

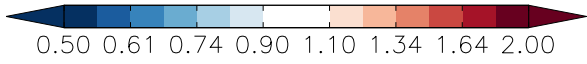
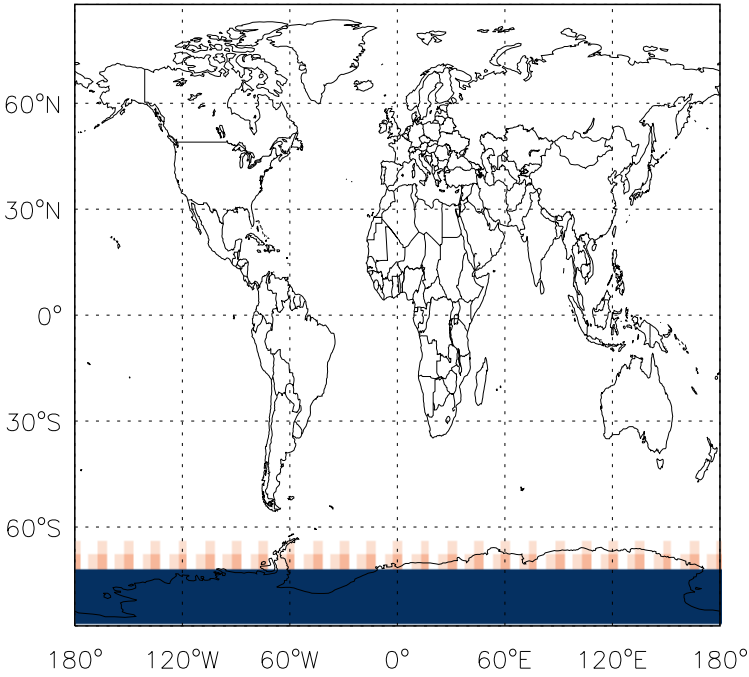


v11-01f-geosp-Run0 - v11-01b-Run0
JHN03 - J-Value Ratio @ 500 hPa for Jul

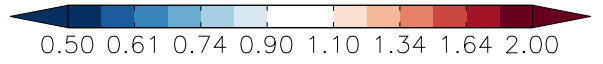
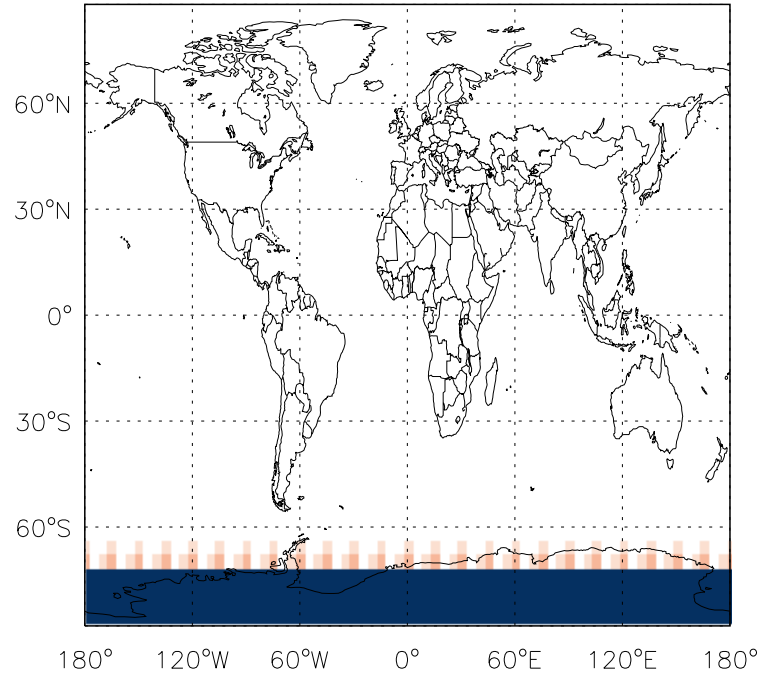


GEOS-Chem J-Values at surface and 500 hPa

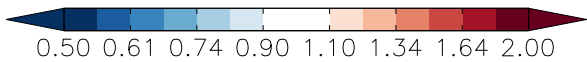
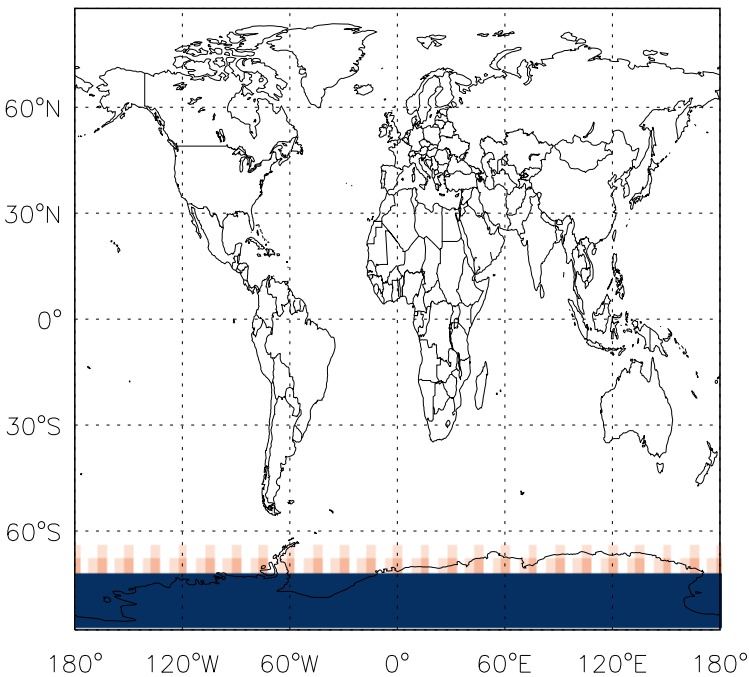
v11-01f-geosp-Run0 - v11-01d-Run1
JH202 - J-Value Ratio @ surface for Jul



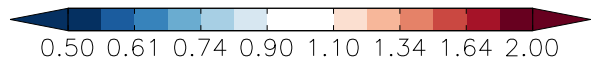
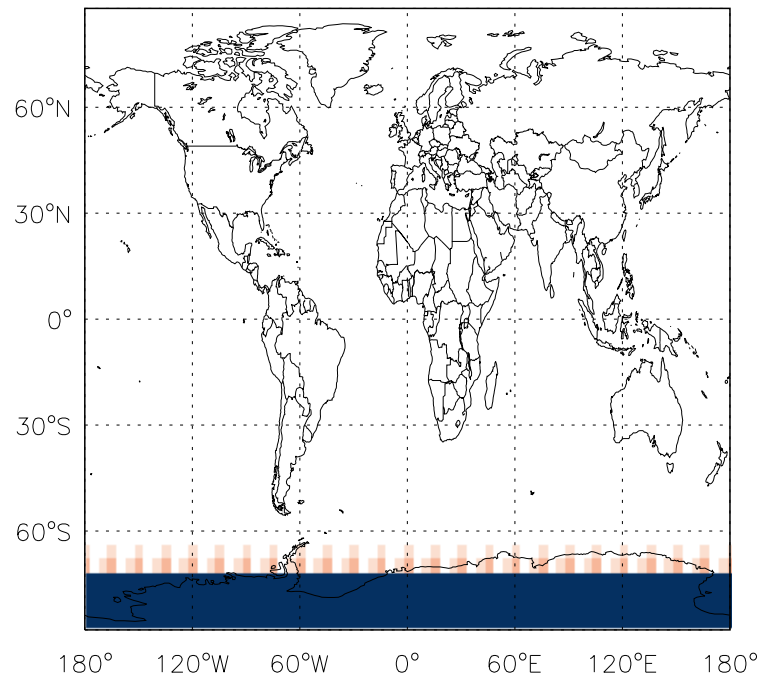
v11-01f-geosp-Run0 - v11-01d-Run1
JH202 - J-Value Ratio @ 500 hPa for Jul



v11-01f-geosp-Run0 - v11-01b-Run0
JH202 - J-Value Ratio @ surface for Jul

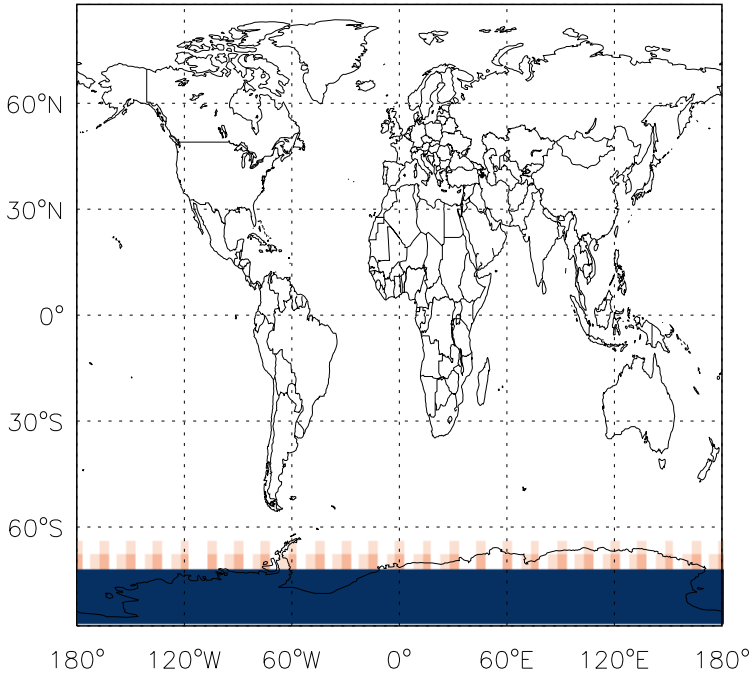


v11-01f-geosp-Run0 - v11-01b-Run0
JH202 - J-Value Ratio @ 500 hPa for Jul

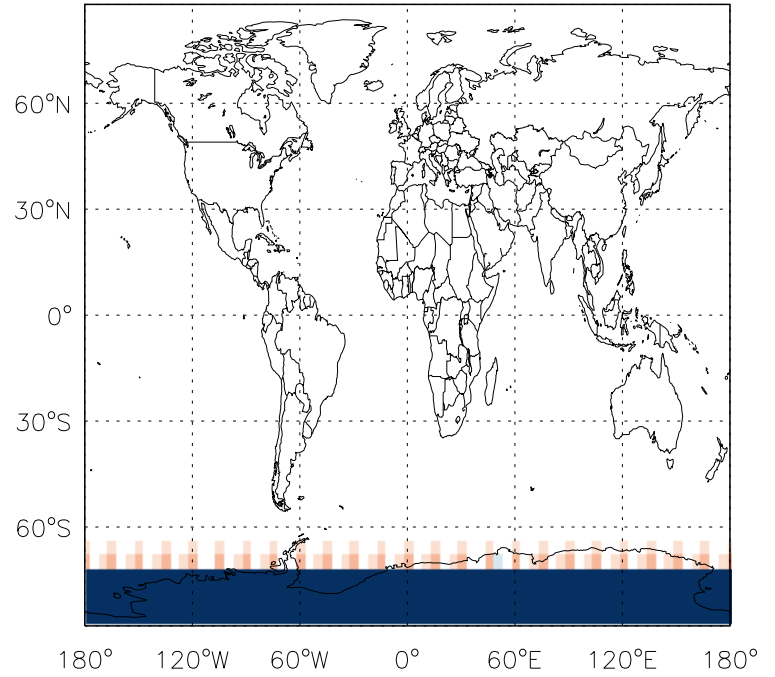


GEOS-Chem J-Values at surface and 500 hPa

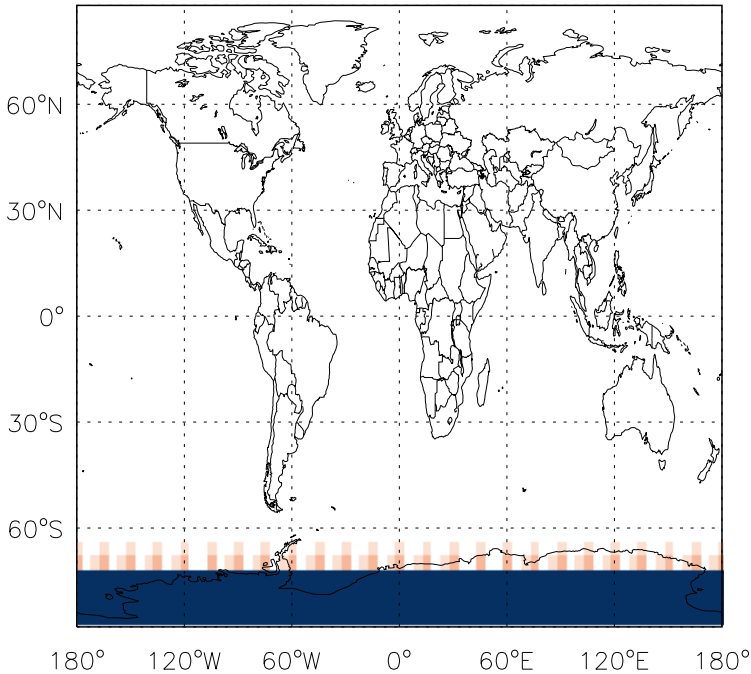
v11-01f-geosp-Run0 - v11-01d-Run1
JACET - J-Value Ratio @ surface for Jul



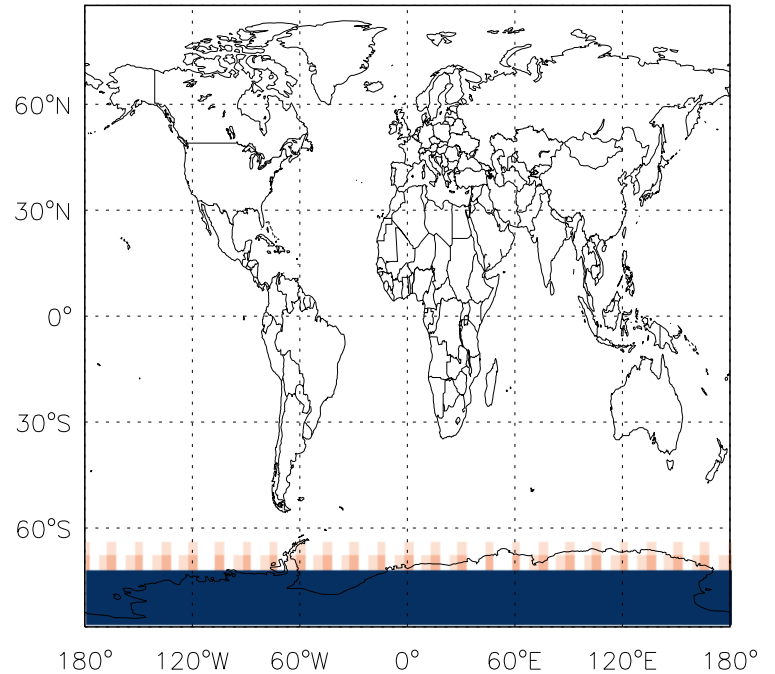
v11-01f-geosp-Run0 - v11-01d-Run1
JACET - J-Value Ratio @ 500 hPa for Jul



v11-01f-geosp-Run0 - v11-01b-Run0
JACET - J-Value Ratio @ surface for Jul

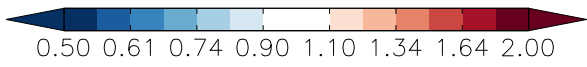
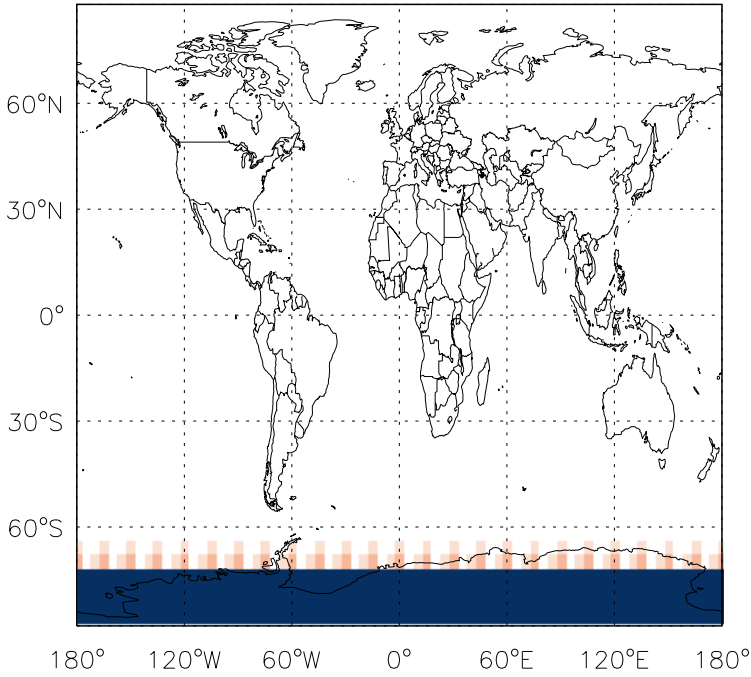


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JACET - J-Value Ratio @ 500 hPa for Jul

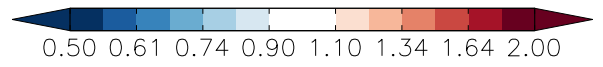
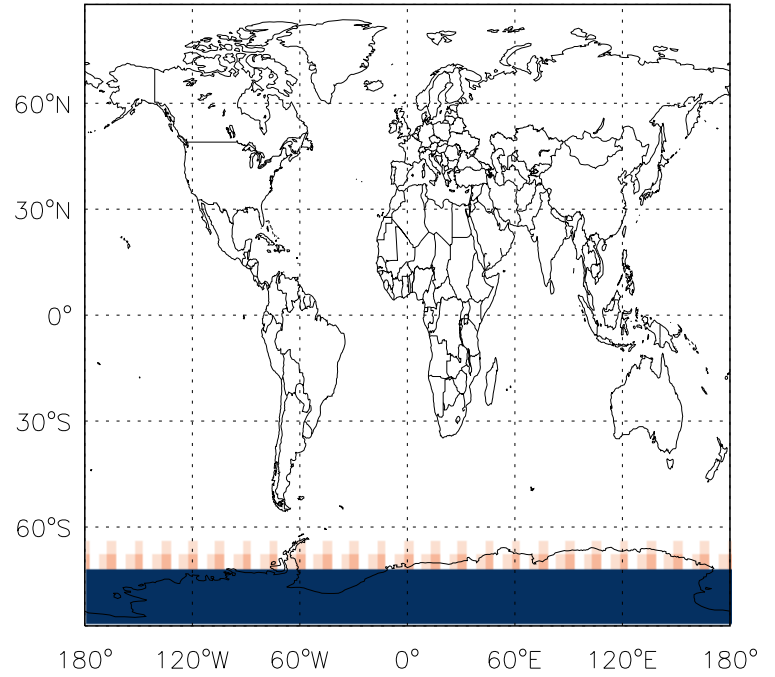


GEOS-Chem J-Values at surface and 500 hPa

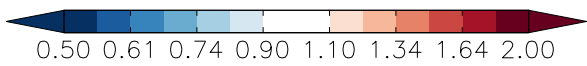
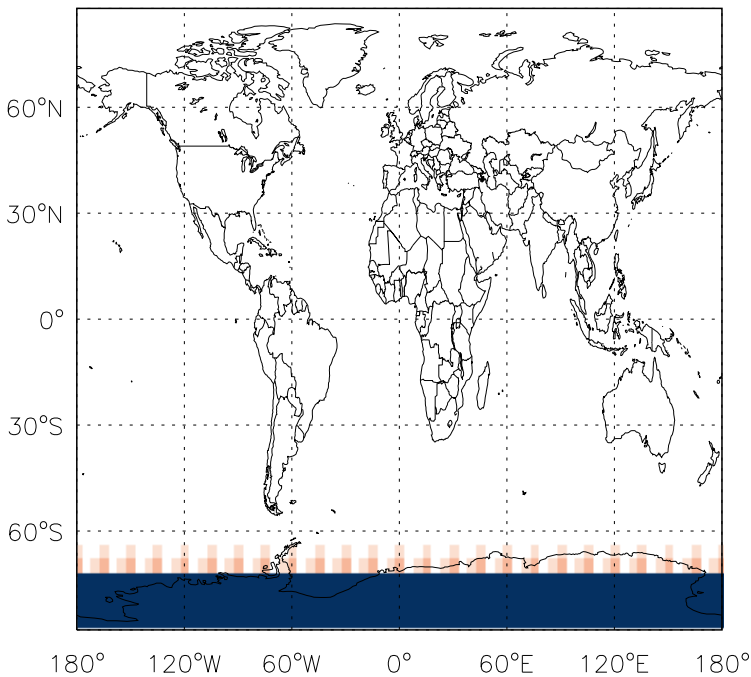
v11-01f-geosp-Run0 - v11-01d-Run1
JALD2 - J-Value Ratio @ surface for Jul



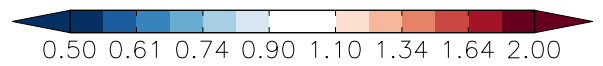
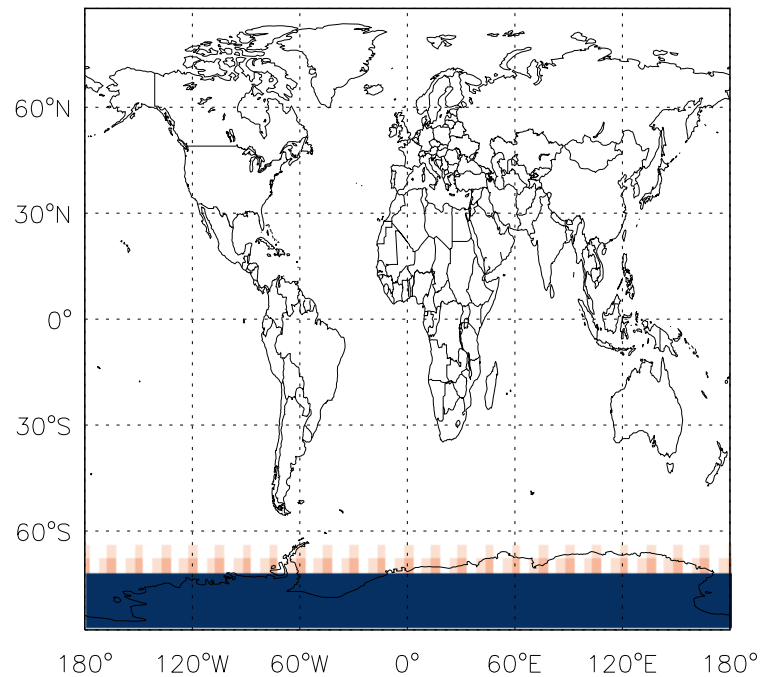
v11-01f-geosp-Run0 - v11-01d-Run1
JALD2 - J-Value Ratio @ 500 hPa for Jul



v11-01f-geosp-Run0 - v11-01b-Run0
JALD2 - J-Value Ratio @ surface for Jul

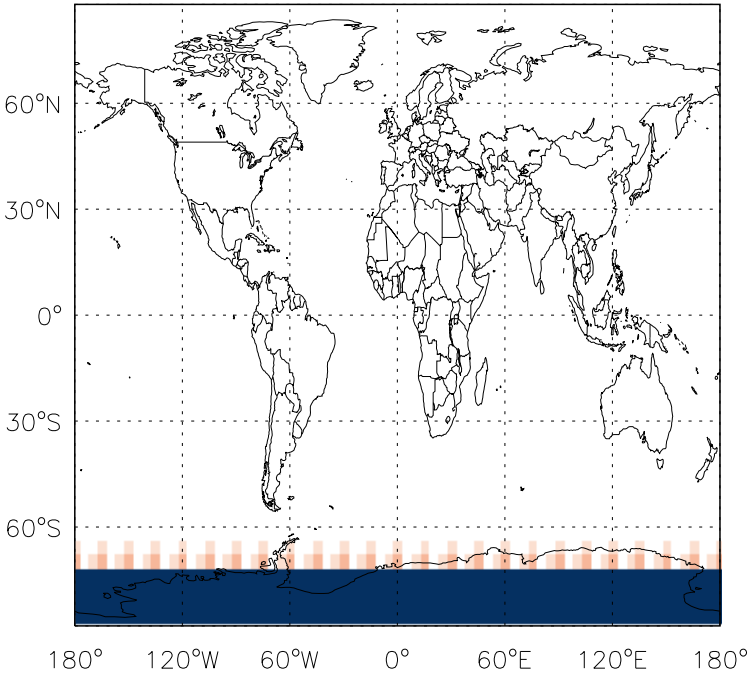


v11-01f-geosp-Run0 - v11-01b-Run0
JALD2 - J-Value Ratio @ 500 hPa for Jul

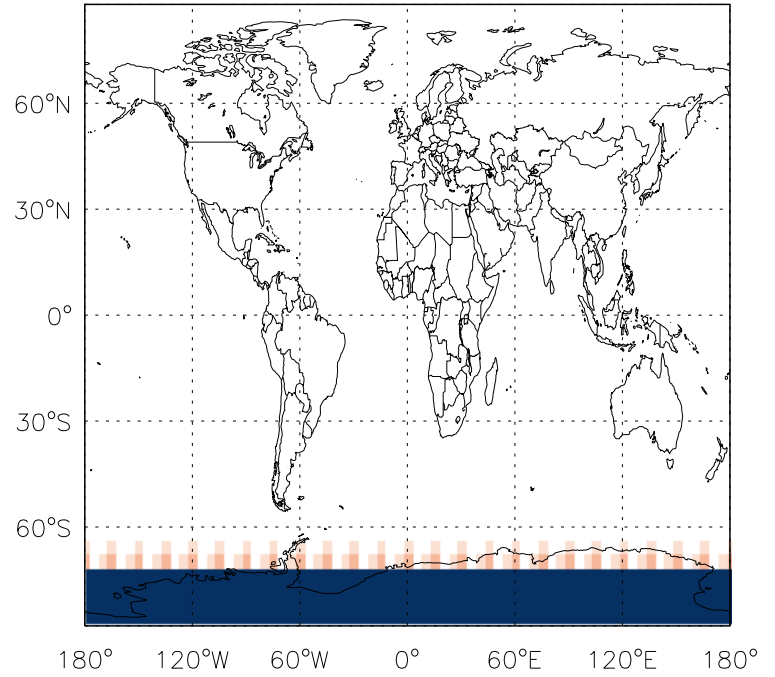


GEOS-Chem J-Values at surface and 500 hPa

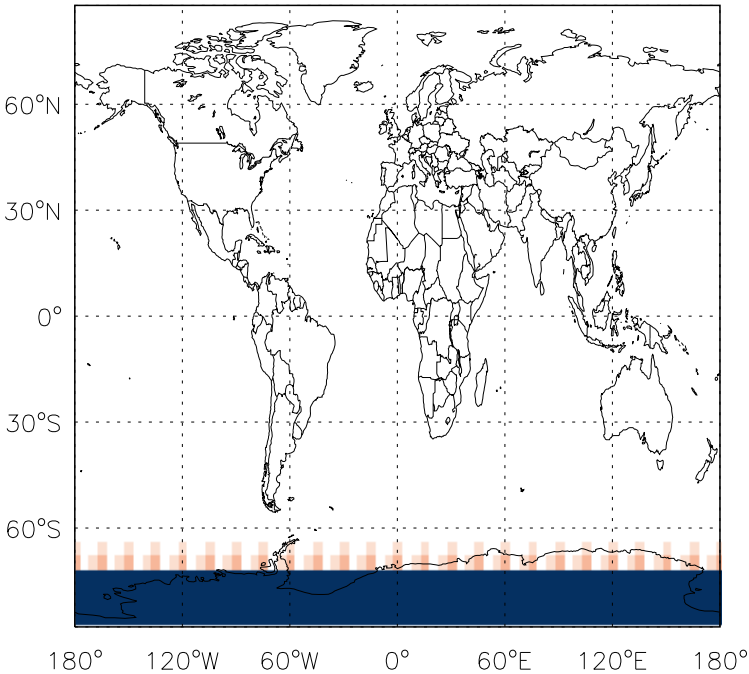
v11-01f-geosp-Run0 - v11-01d-Run1
JMK - J-Value Ratio @ surface for Jul



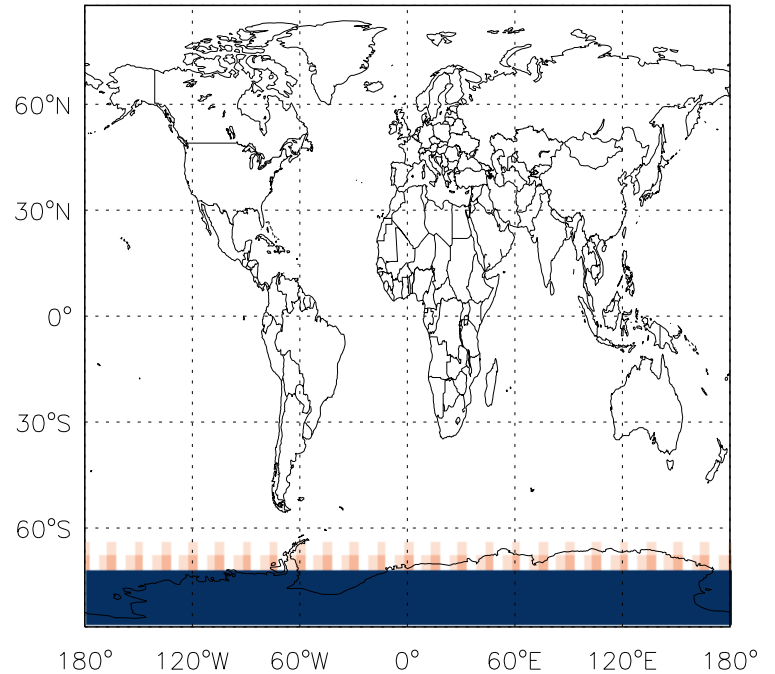
v11-01f-geosp-Run0 - v11-01d-Run1
JMK - J-Value Ratio @ 500 hPa for Jul



v11-01f-geosp-Run0 - v11-01b-Run0
JMK - J-Value Ratio @ surface for Jul

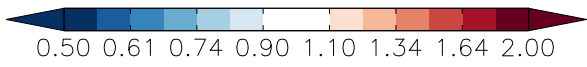
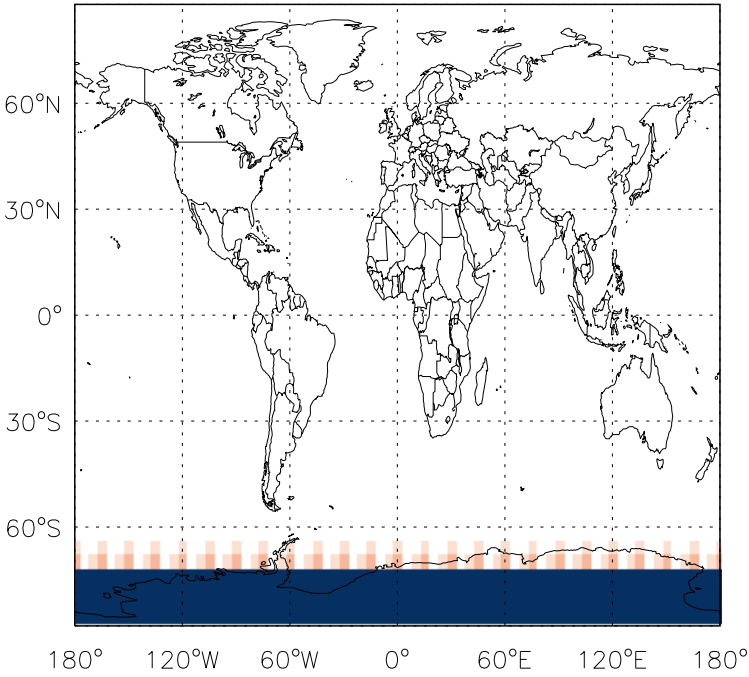


v11-01f-geosp-Run0 - v11-01b-Run0
JMK - J-Value Ratio @ 500 hPa for Jul

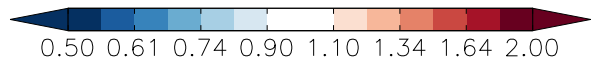
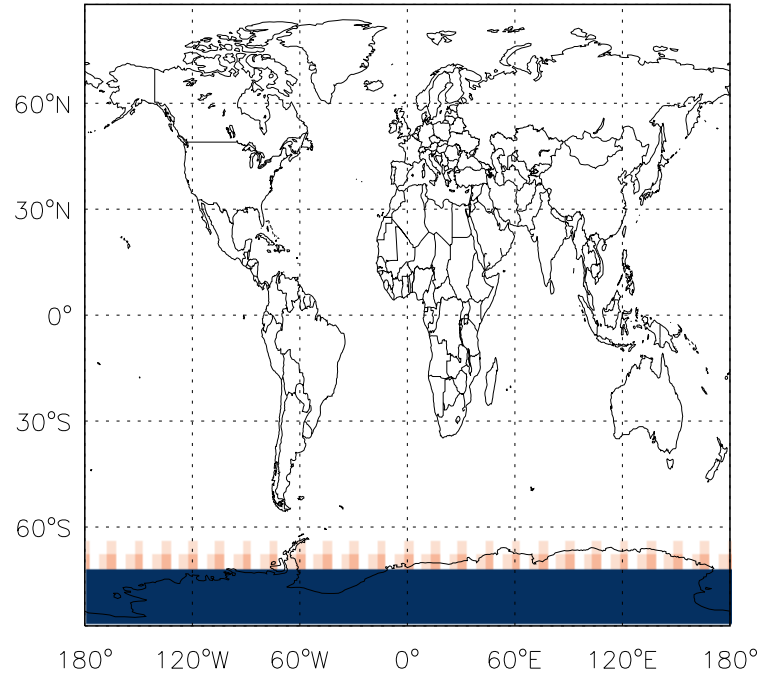


GEOS-Chem J-Values at surface and 500 hPa

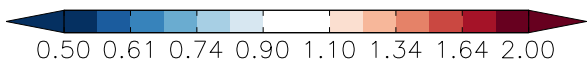
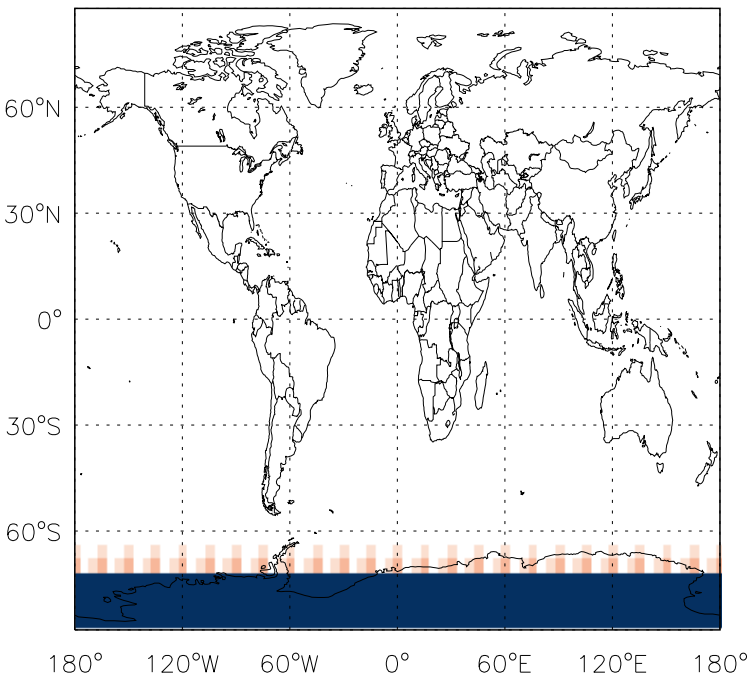
v11-01f-geosp-Run0 - v11-01d-Run1
JMACR - J-Value Ratio @ surface for Jul



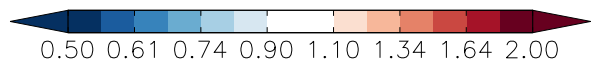
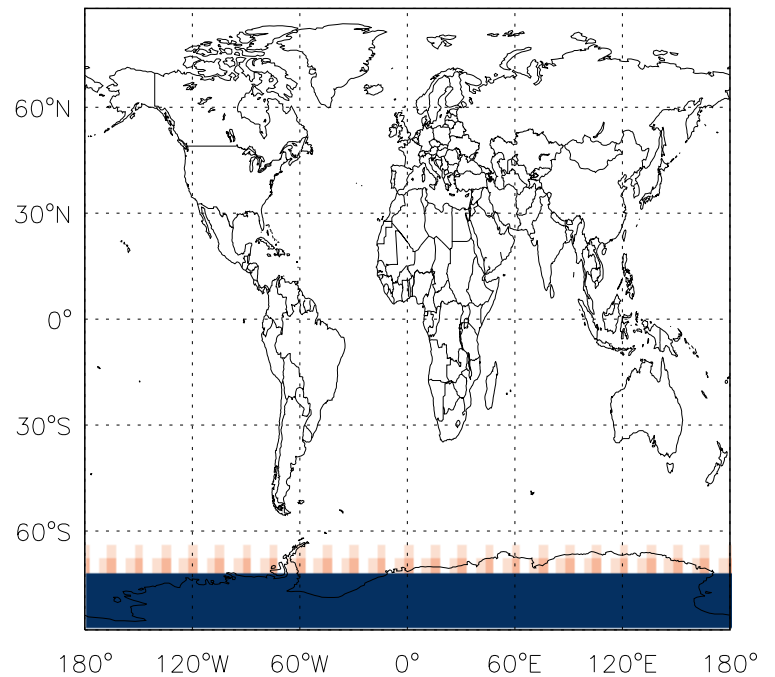
v11-01f-geosp-Run0 - v11-01d-Run1
JMACR - J-Value Ratio @ 500 hPa for Jul



v11-01f-geosp-Run0 - v11-01b-Run0
JMACR - J-Value Ratio @ surface for Jul

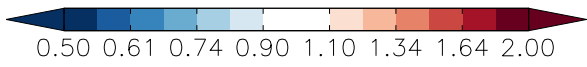
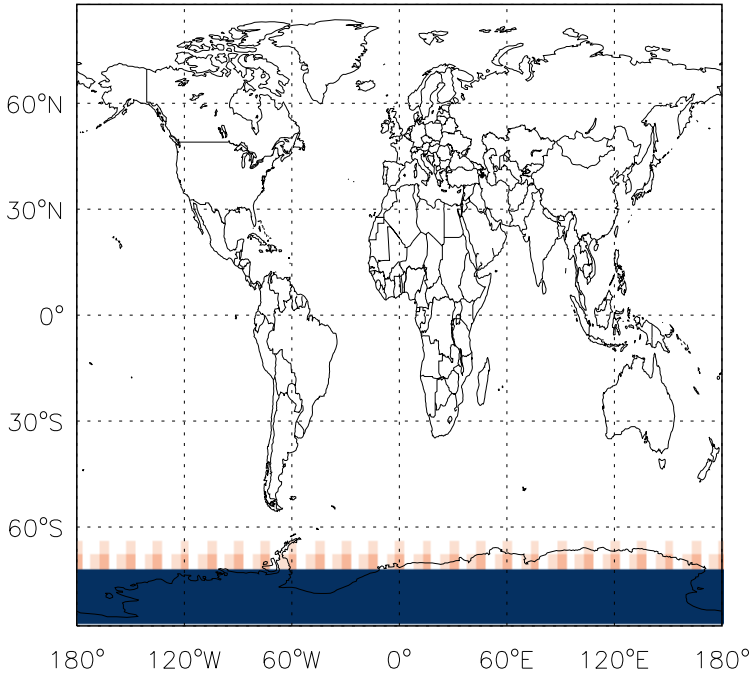


v11-01f-geosp-Run0 - v11-01b-Run0
JMACR - J-Value Ratio @ 500 hPa for Jul

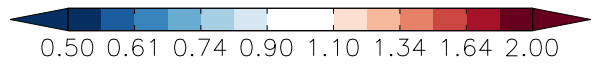
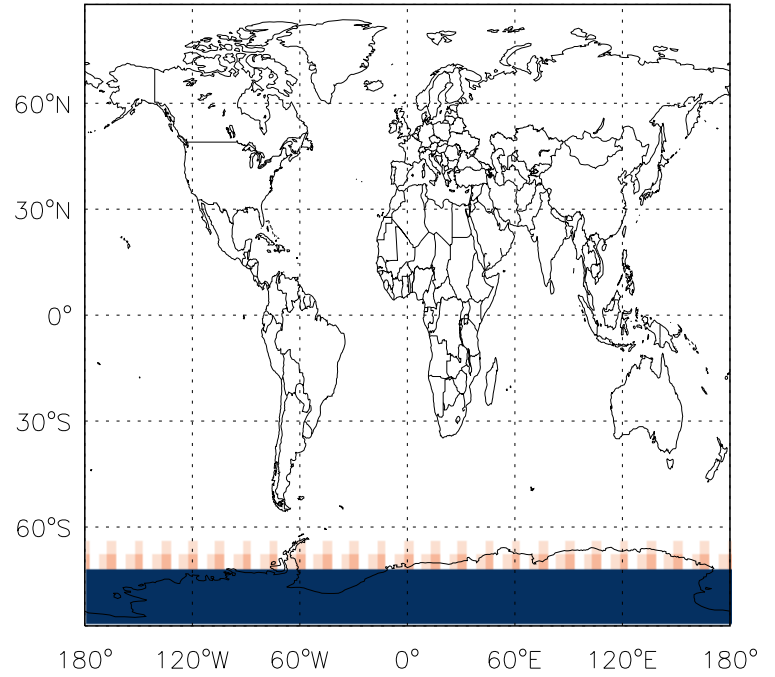


GEOS-Chem J-Values at surface and 500 hPa

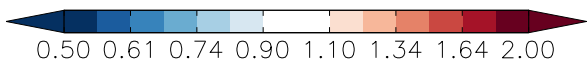
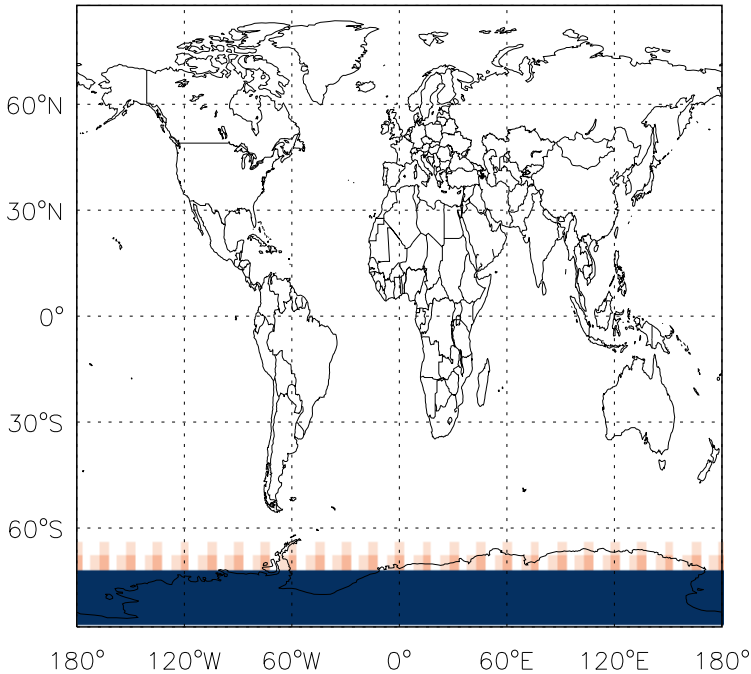
v11-01f-geosp-Run0 - v11-01d-Run1
JCH2O - J-Value Ratio @ surface for Jul



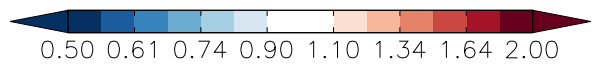
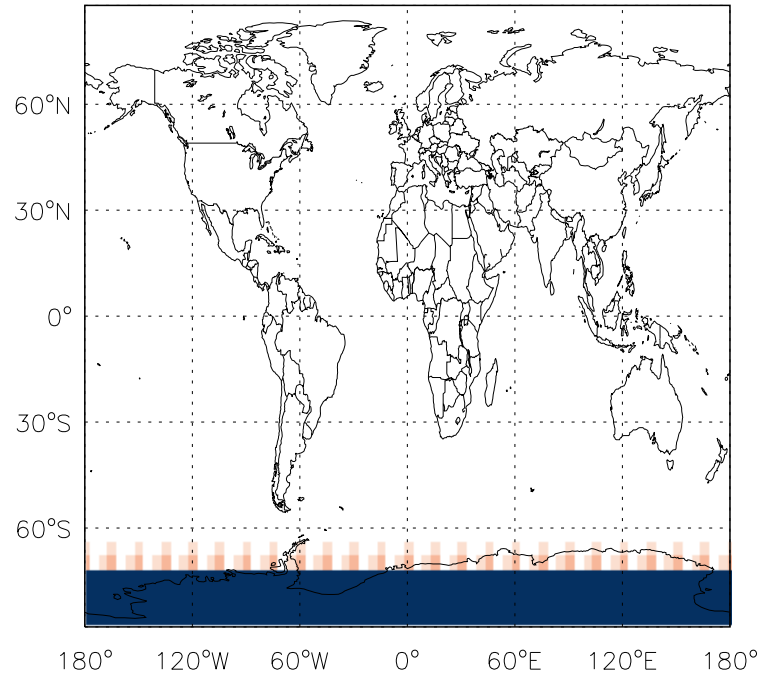
v11-01f-geosp-Run0 - v11-01d-Run1
JCH2O - J-Value Ratio @ 500 hPa for Jul



v11-01f-geosp-Run0 - v11-01b-Run0
JCH2O - J-Value Ratio @ surface for Jul

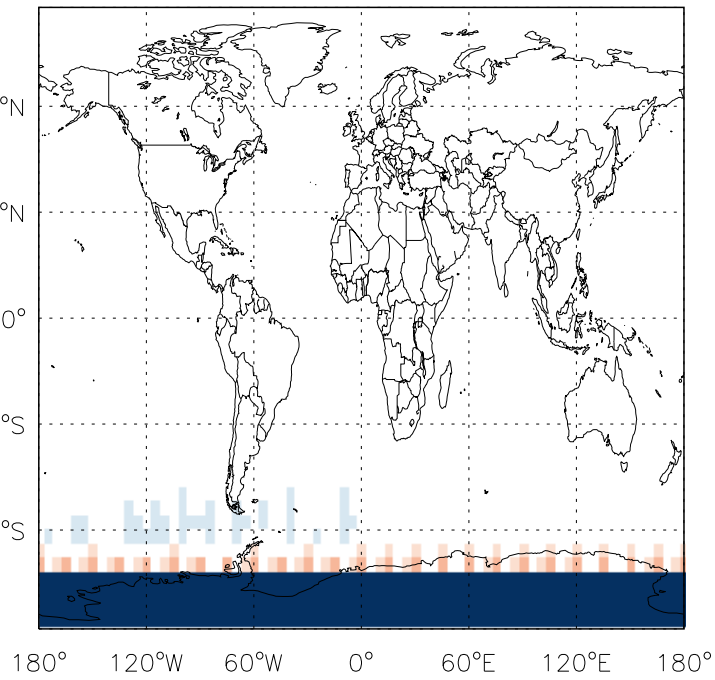


v11-01f-geosp-Run0 - v11-01b-Run0
JCH2O - J-Value Ratio @ 500 hPa for Jul

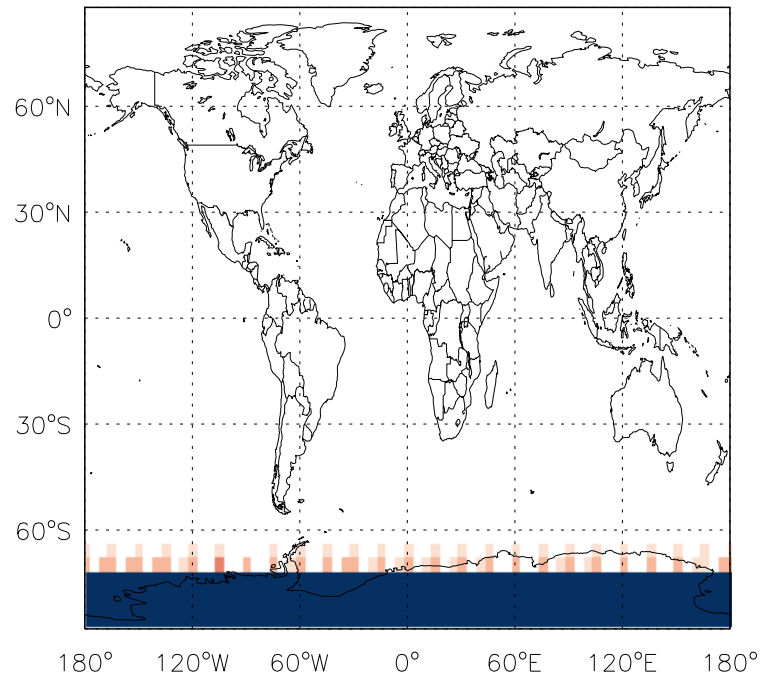


GEOS-Chem J-Values at surface and 500 hPa

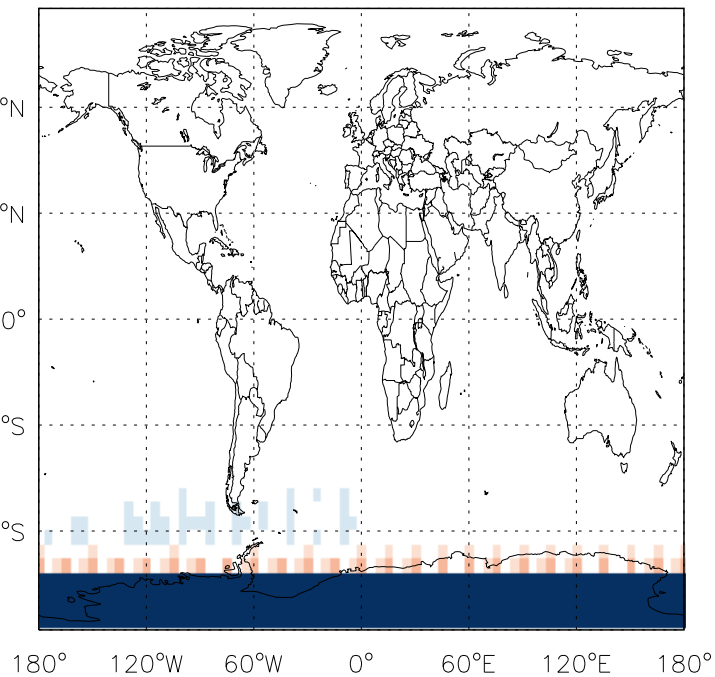
v11-01f-geosp-Run0 - v11-01d-Run1
JBr2 - J-Value Ratio @ surface for Jul



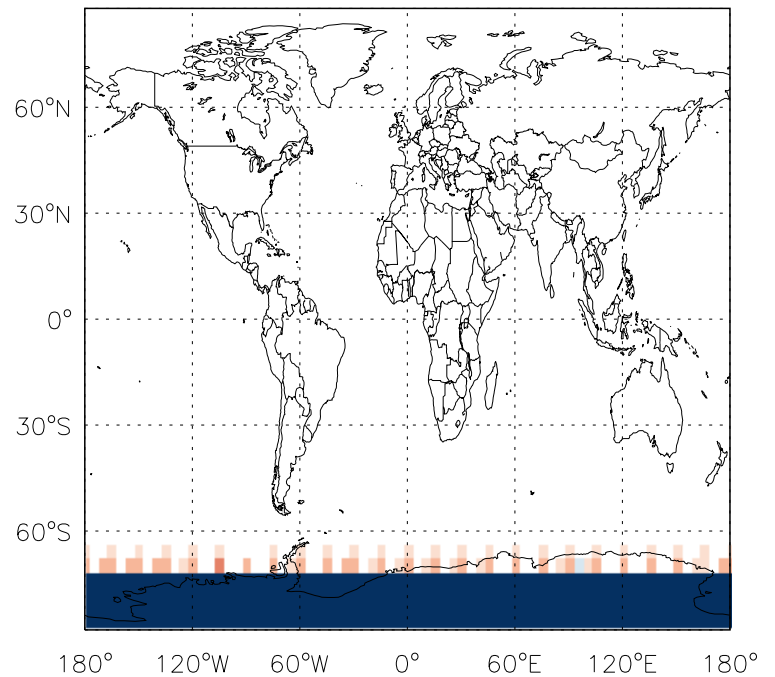
v11-01f-geosp-Run0 - v11-01d-Run1
JBr2 - J-Value Ratio @ 500 hPa for Jul



v11-01f-geosp-Run0 - v11-01b-Run0
JBr2 - J-Value Ratio @ surface for Jul

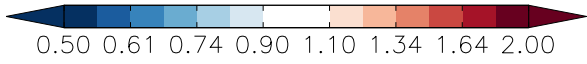
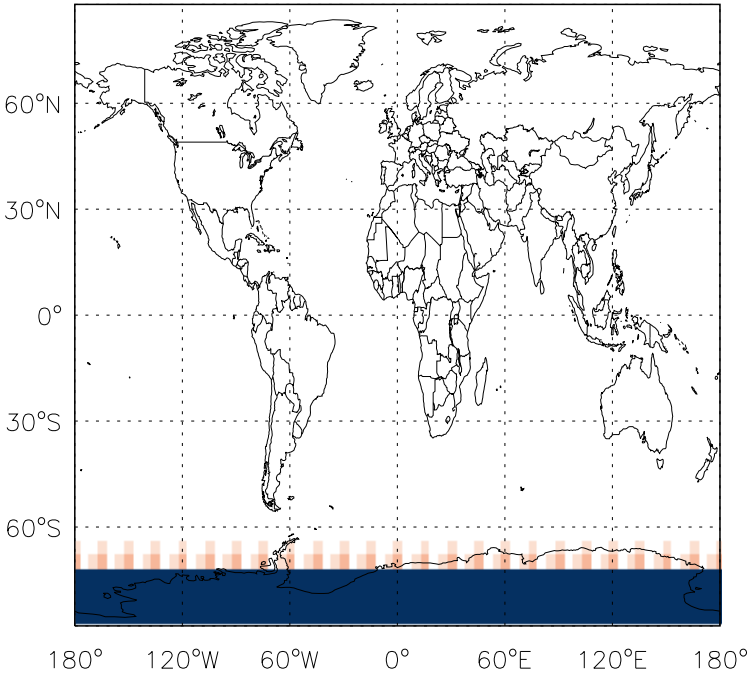


v11-01f-geosp-Run0 - v11-01b-Run0
JBr2 - J-Value Ratio @ 500 hPa for Jul

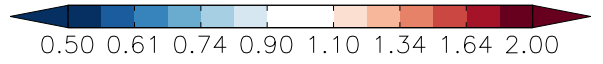
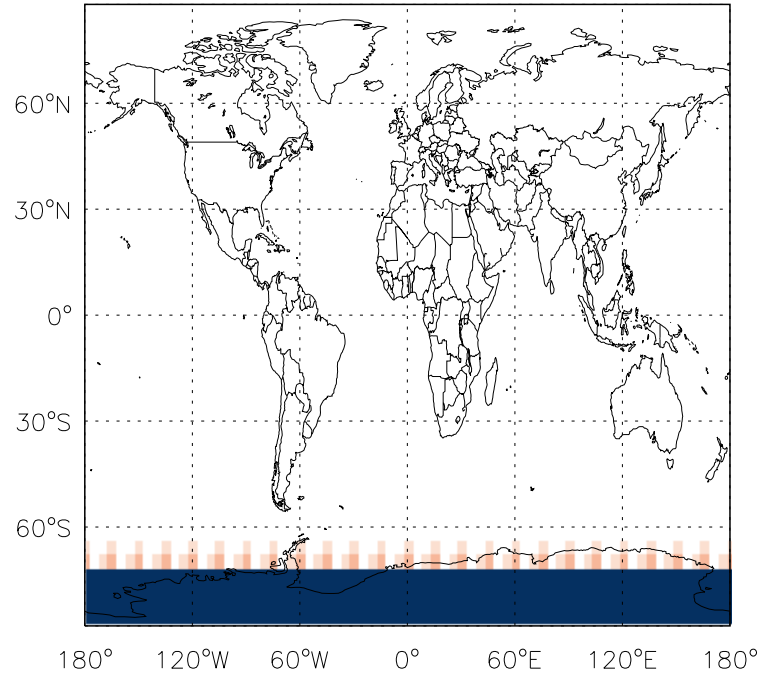


GEOS-Chem J-Values at surface and 500 hPa

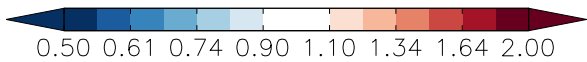
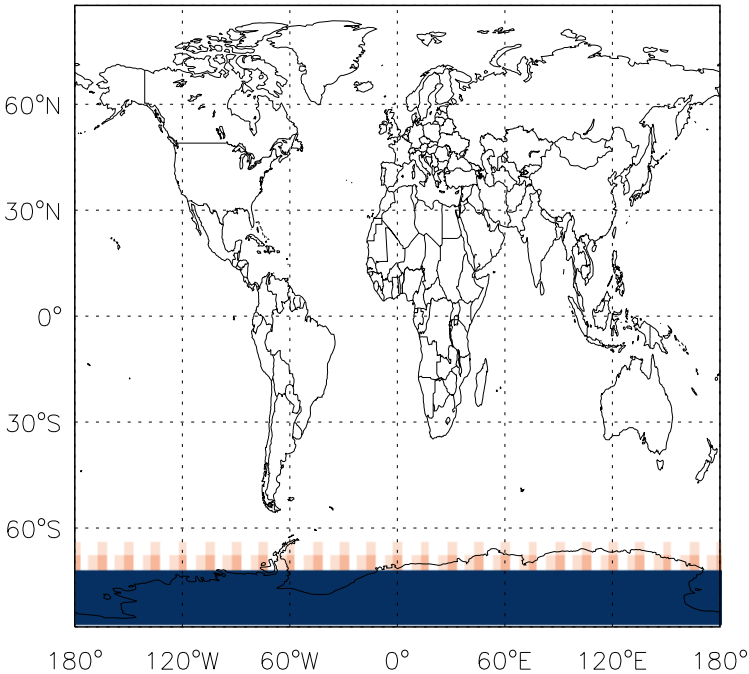
v11-01f-geosp-Run0 - v11-01d-Run1
JBr0 - J-Value Ratio @ surface for Jul



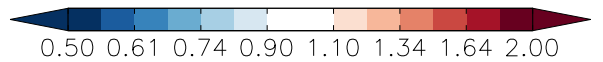
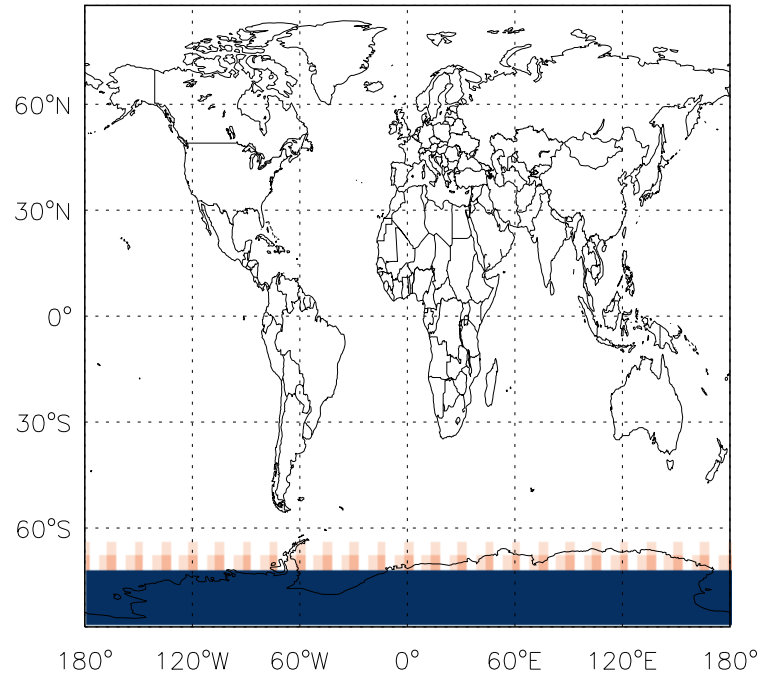
v11-01f-geosp-Run0 - v11-01d-Run1
JBr0 - J-Value Ratio @ 500 hPa for Jul



v11-01f-geosp-Run0 - v11-01b-Run0
JBr0 - J-Value Ratio @ surface for Jul

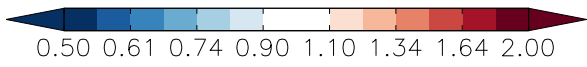
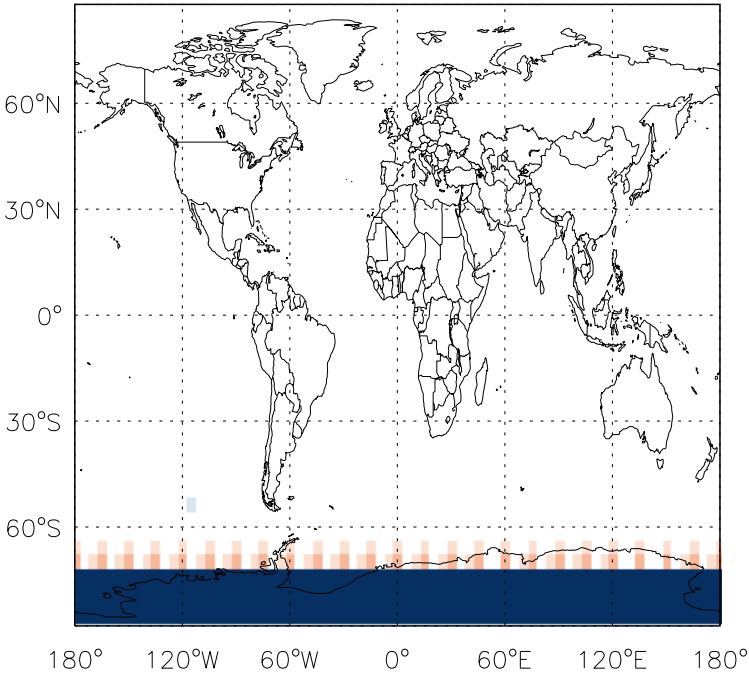


v11-01f-geosp-Run0 - v11-01b-Run0
JBr0 - J-Value Ratio @ 500 hPa for Jul

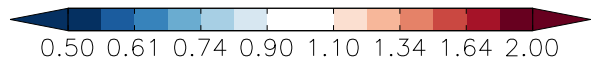
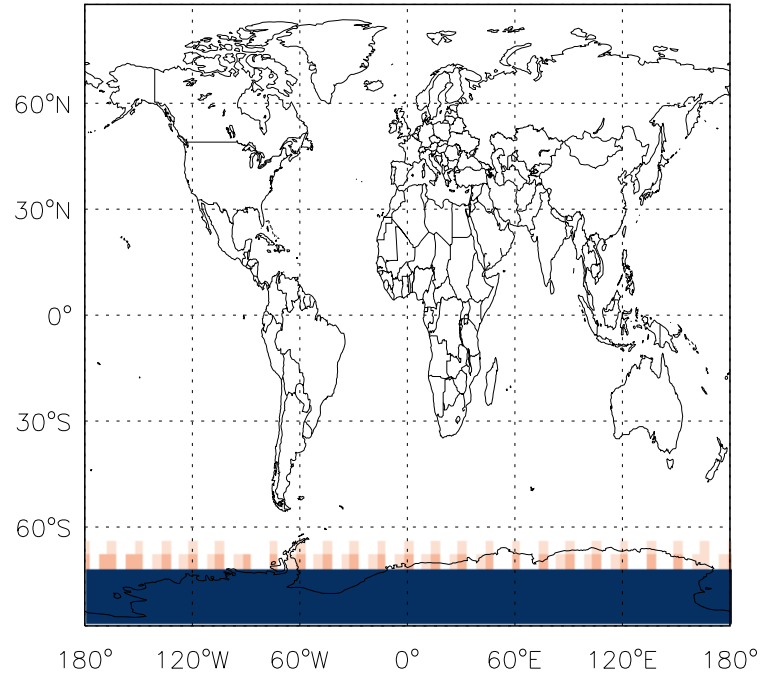


GEOS-Chem J-Values at surface and 500 hPa

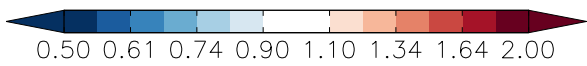
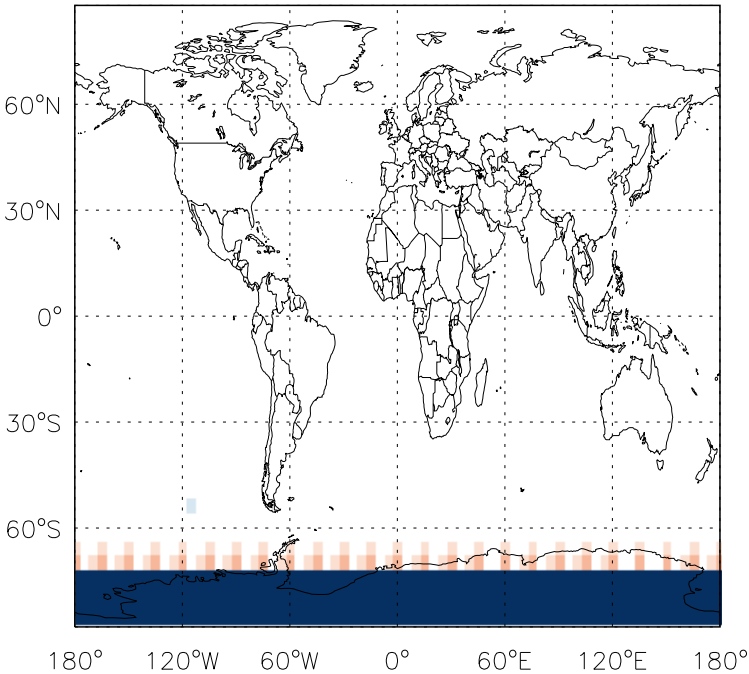
v11-01f-geosp-Run0 - v11-01d-Run1
JHOBr - J-Value Ratio @ surface for Jul



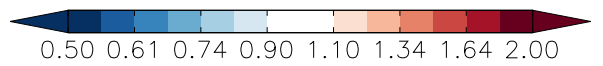
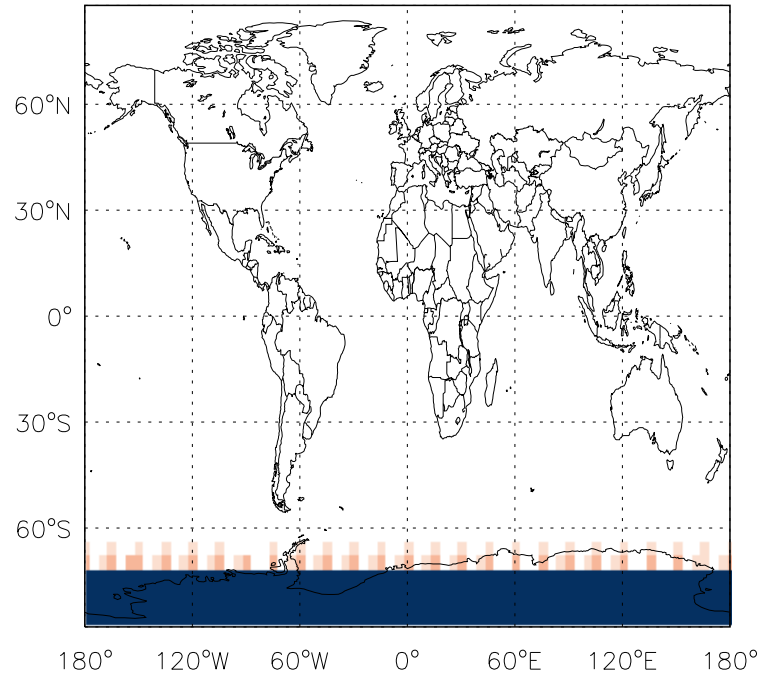
v11-01f-geosp-Run0 - v11-01d-Run1
JHOBr - J-Value Ratio @ 500 hPa for Jul



v11-01f-geosp-Run0 - v11-01b-Run0
JHOBr - J-Value Ratio @ surface for Jul

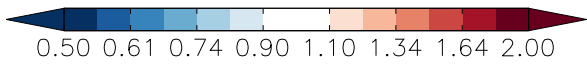
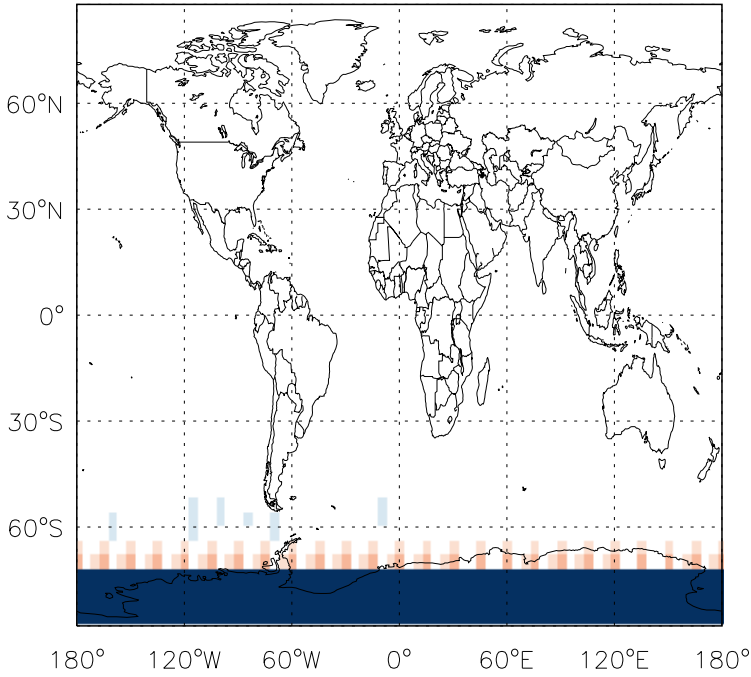


v11-01f-geosp-Run0 - v11-01b-Run0
JHOBr - J-Value Ratio @ 500 hPa for Jul

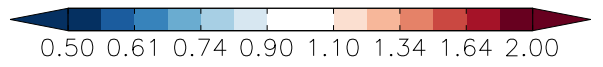
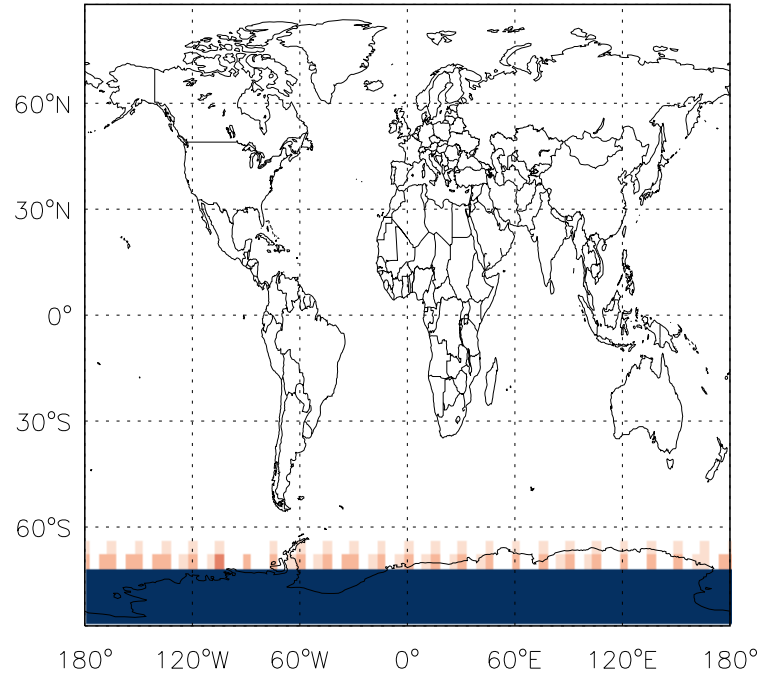


GEOS-Chem J-Values at surface and 500 hPa

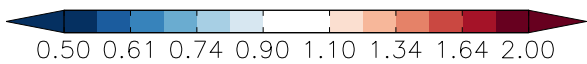
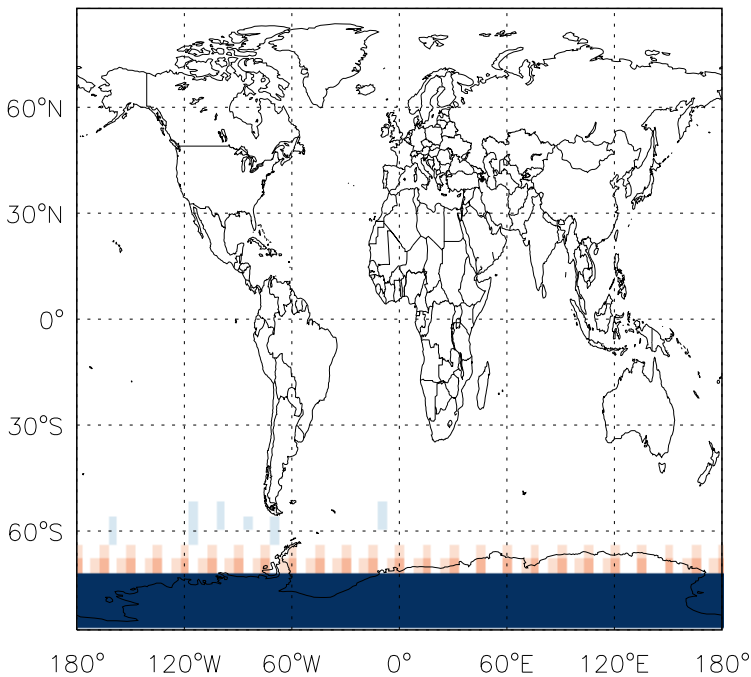
v11-01f-geosp-Run0 - v11-01d-Run1
JBrN02 - J-Value Ratio @ surface for Jul



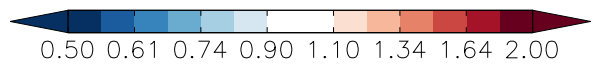
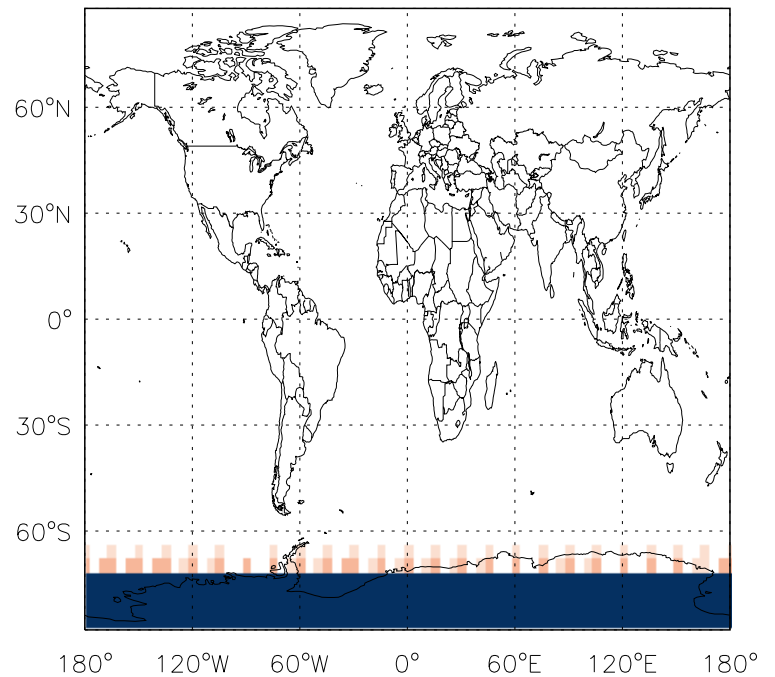
v11-01f-geosp-Run0 - v11-01d-Run1
JBrN02 - J-Value Ratio @ 500 hPa for Jul



v11-01f-geosp-Run0 - v11-01b-Run0
JBrN02 - J-Value Ratio @ surface for Jul

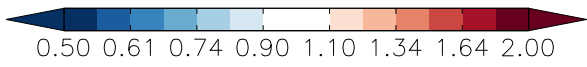
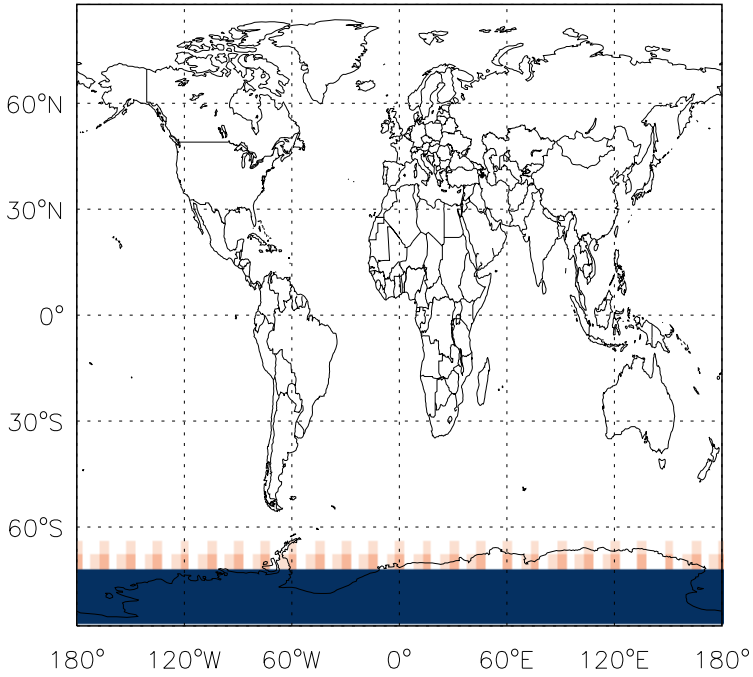


v11-01f-geosp-Run0 - v11-01b-Run0
JBrN02 - J-Value Ratio @ 500 hPa for Jul

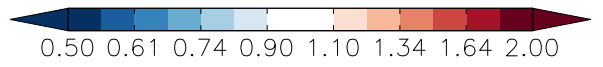
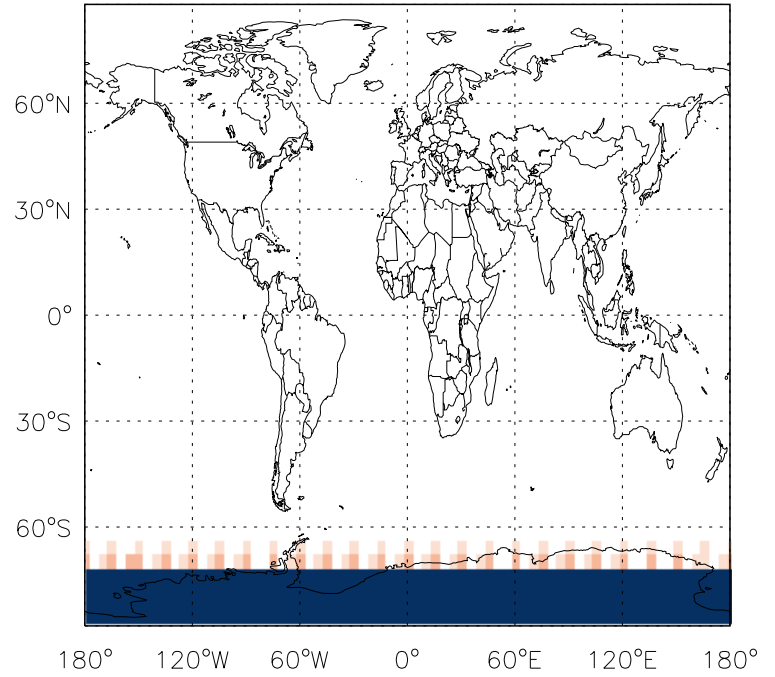


GEOS-Chem J-Values at surface and 500 hPa

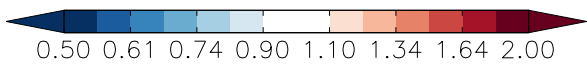
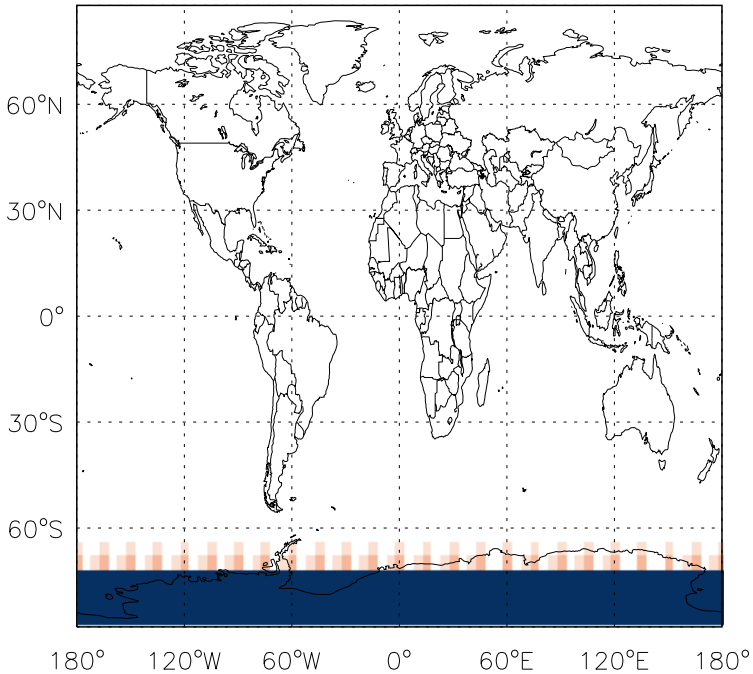
v11-01f-geosp-Run0 - v11-01d-Run1
JBrN03 - J-Value Ratio @ surface for Jul



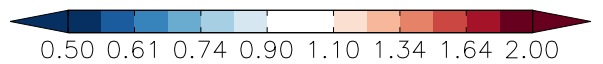
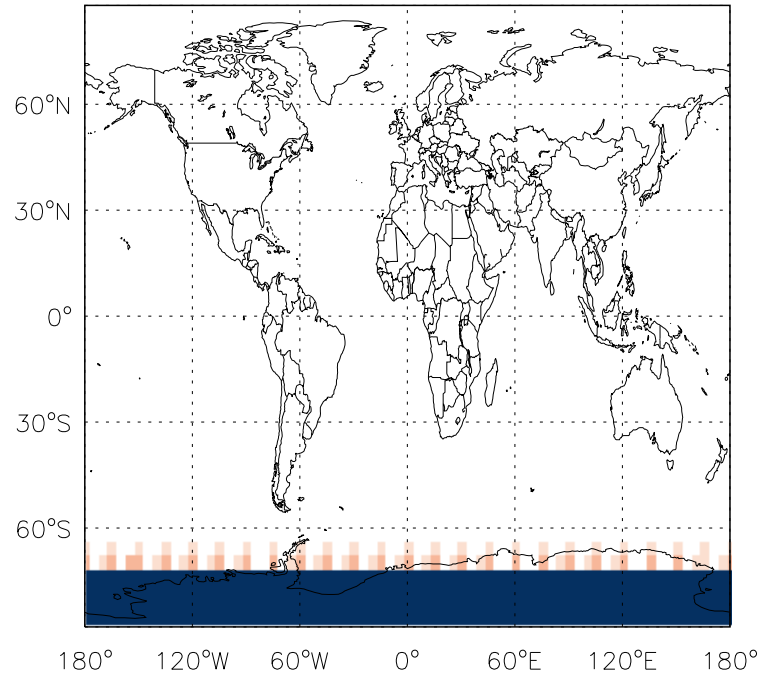
v11-01f-geosp-Run0 - v11-01d-Run1
JBrN03 - J-Value Ratio @ 500 hPa for Jul



v11-01f-geosp-Run0 - v11-01b-Run0
JBrN03 - J-Value Ratio @ surface for Jul

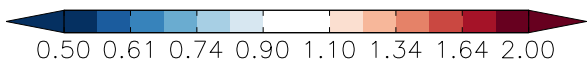
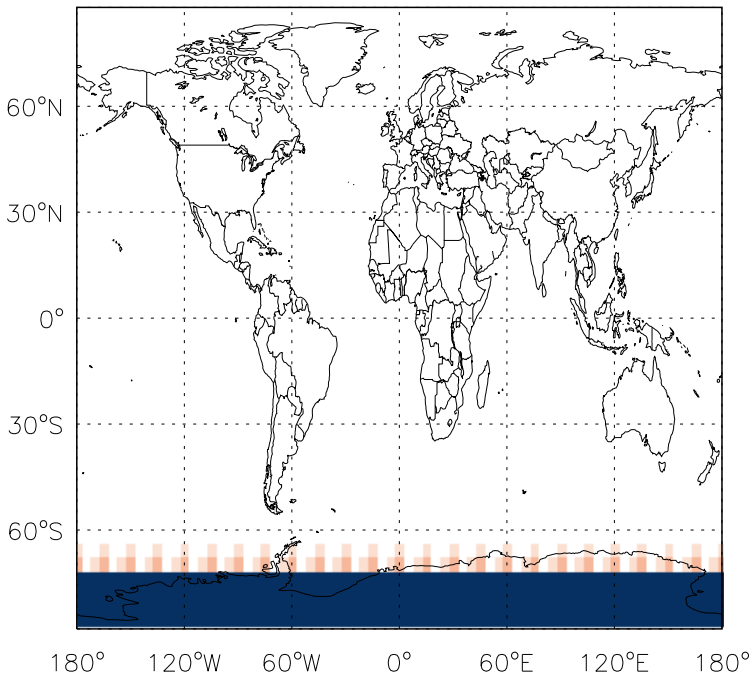


v11-01f-geosp-Run0 - v11-01b-Run0
JBrN03 - J-Value Ratio @ 500 hPa for Jul

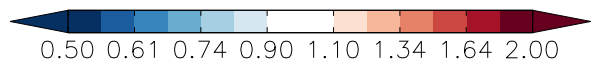
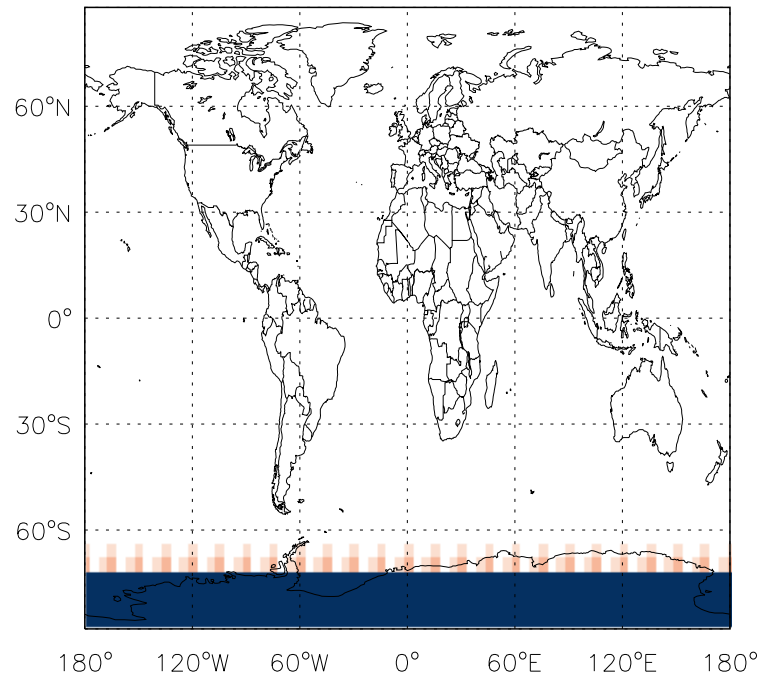


GEOS-Chem J-Values at surface and 500 hPa

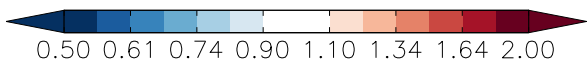
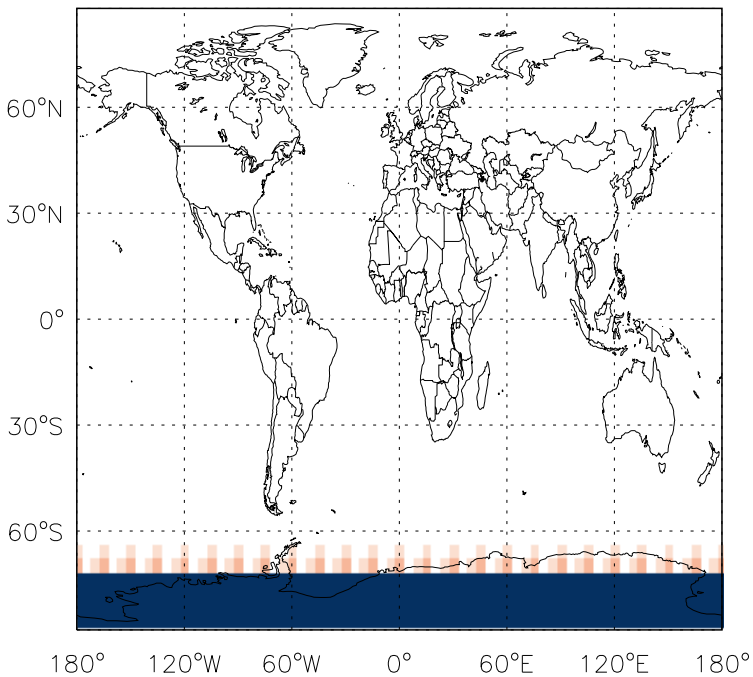
v11-01f-geosp-Run0 - v11-01d-Run1
JCHBr3 - J-Value Ratio @ surface for Jul



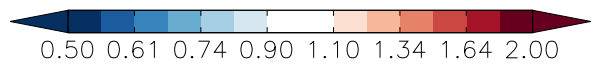
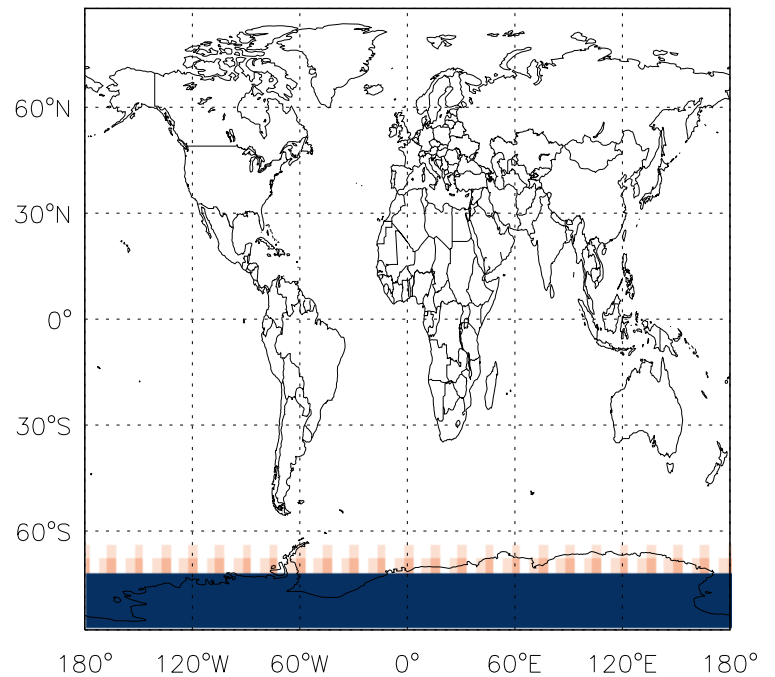
v11-01f-geosp-Run0 - v11-01d-Run1
JCHBr3 - J-Value Ratio @ 500 hPa for Jul



v11-01f-geosp-Run0 - v11-01b-Run0
JCHBr3 - J-Value Ratio @ surface for Jul

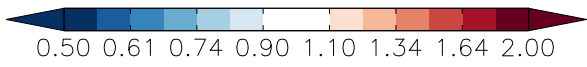
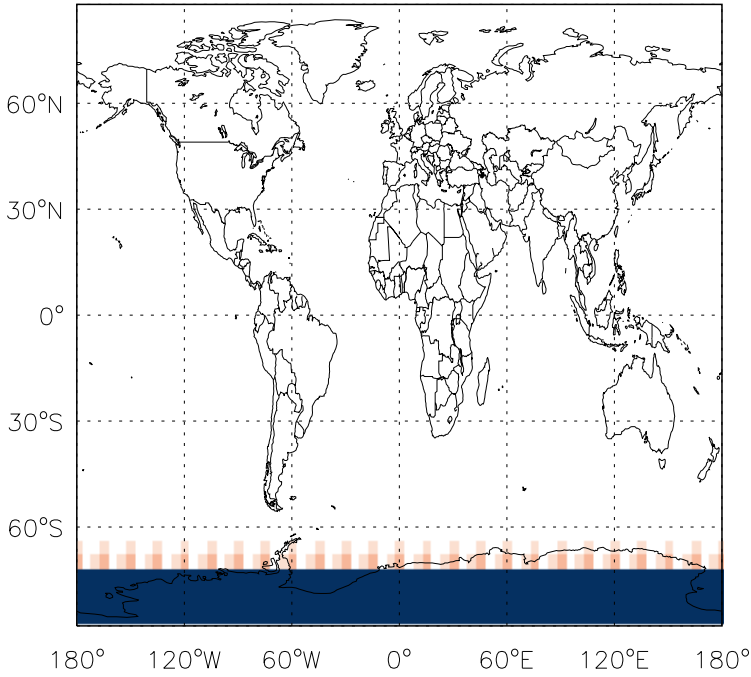


v11-01f-geosp-Run0 - v11-01b-Run0
JCHBr3 - J-Value Ratio @ 500 hPa for Jul

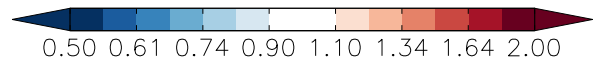
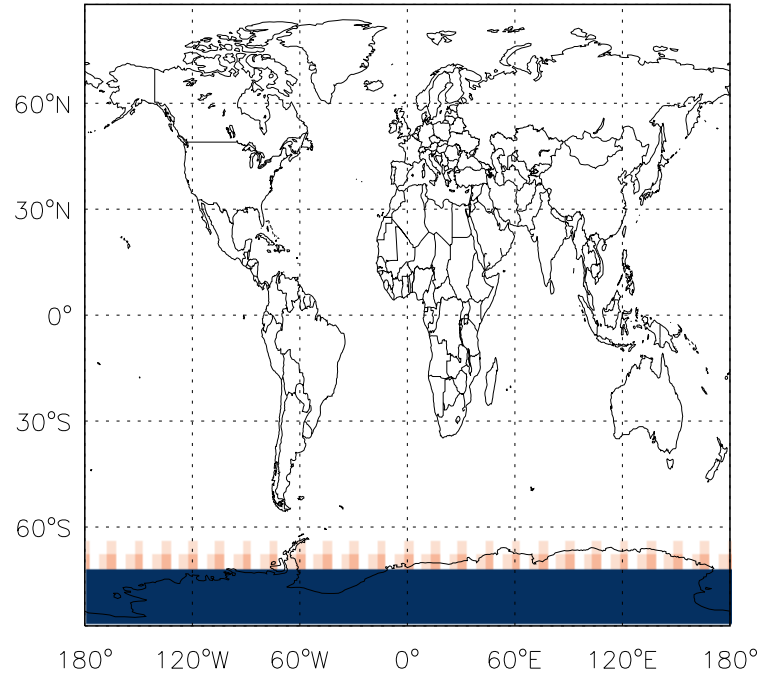


GEOS-Chem J-Values at surface and 500 hPa

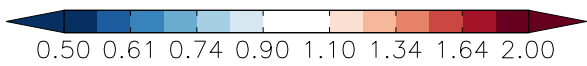
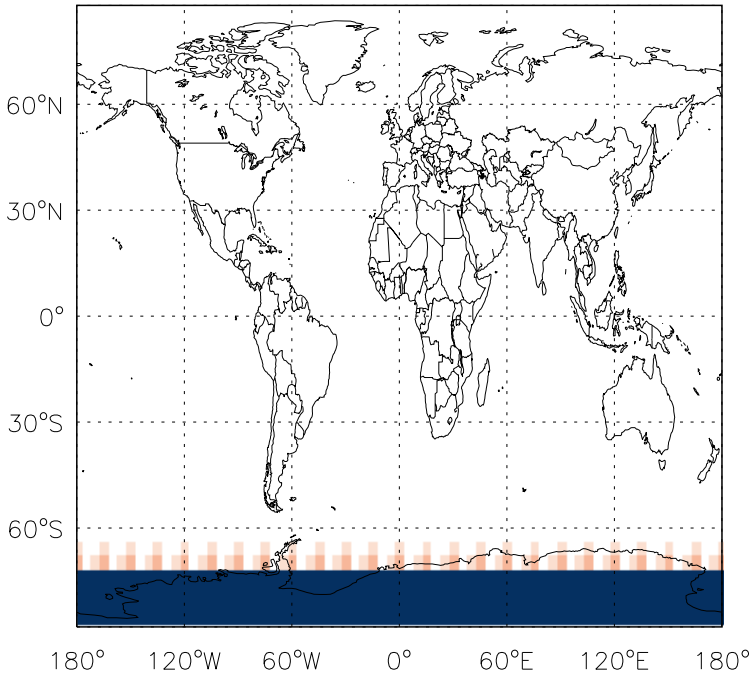
v11-01f-geosp-Run0 - v11-01d-Run1
JHAC - J-Value Ratio @ surface for Jul



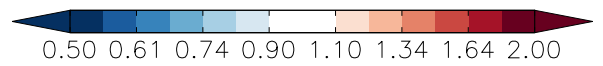
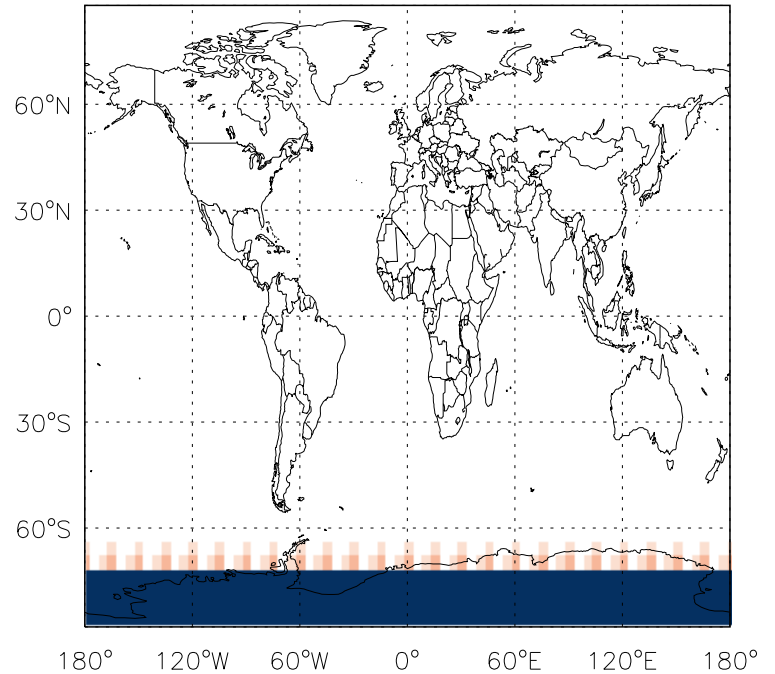
v11-01f-geosp-Run0 - v11-01d-Run1
JHAC - J-Value Ratio @ 500 hPa for Jul



v11-01f-geosp-Run0 - v11-01b-Run0
JHAC - J-Value Ratio @ surface for Jul

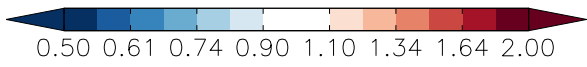
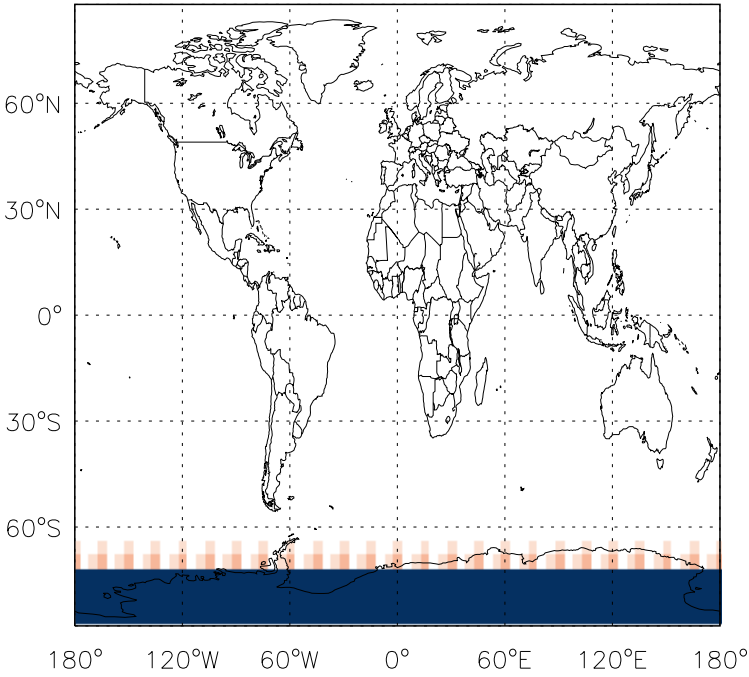


v11-01f-geosp-Run0 - v11-01b-Run0
JHAC - J-Value Ratio @ 500 hPa for Jul

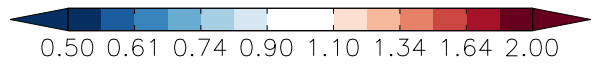
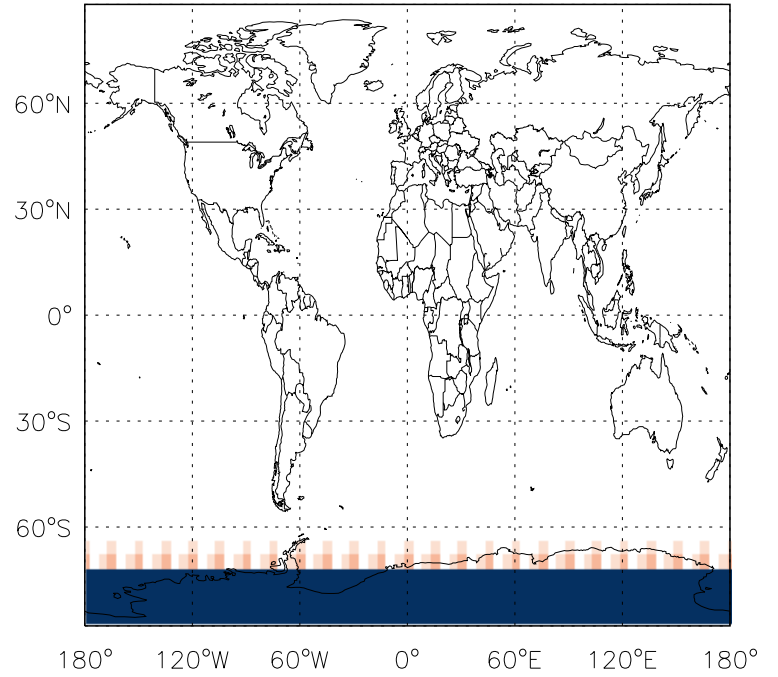


GEOS-Chem J-Values at surface and 500 hPa

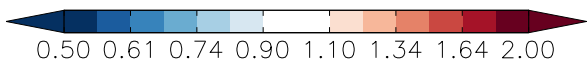
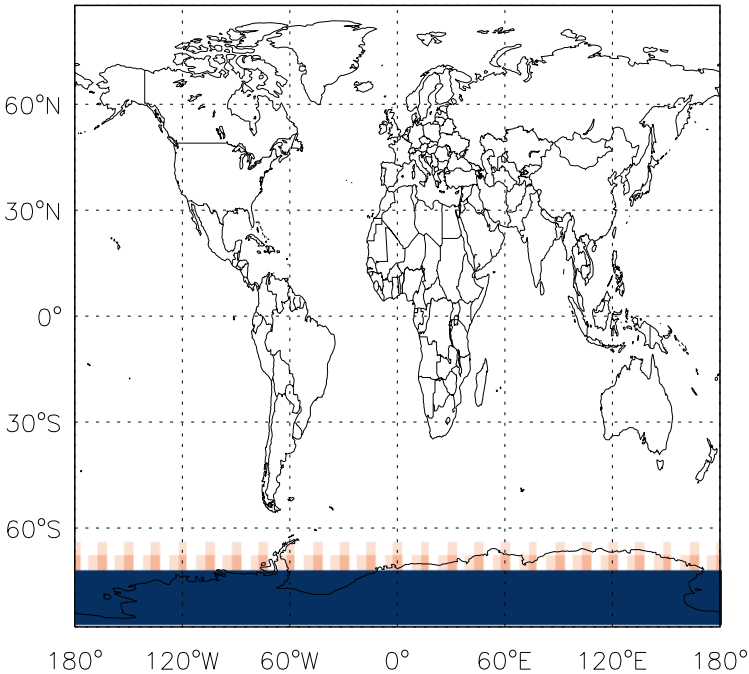
v11-01f-geosp-Run0 - v11-01d-Run1
JGLYC - J-Value Ratio @ surface for Jul



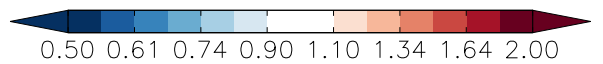
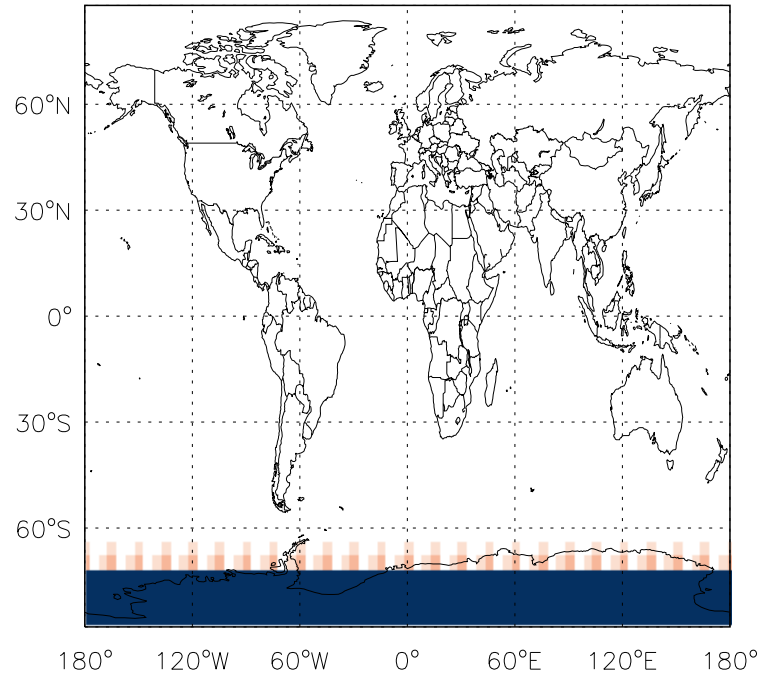
v11-01f-geosp-Run0 - v11-01d-Run1
JGLYC - J-Value Ratio @ 500 hPa for Jul



v11-01f-geosp-Run0 - v11-01b-Run0
JGLYC - J-Value Ratio @ surface for Jul

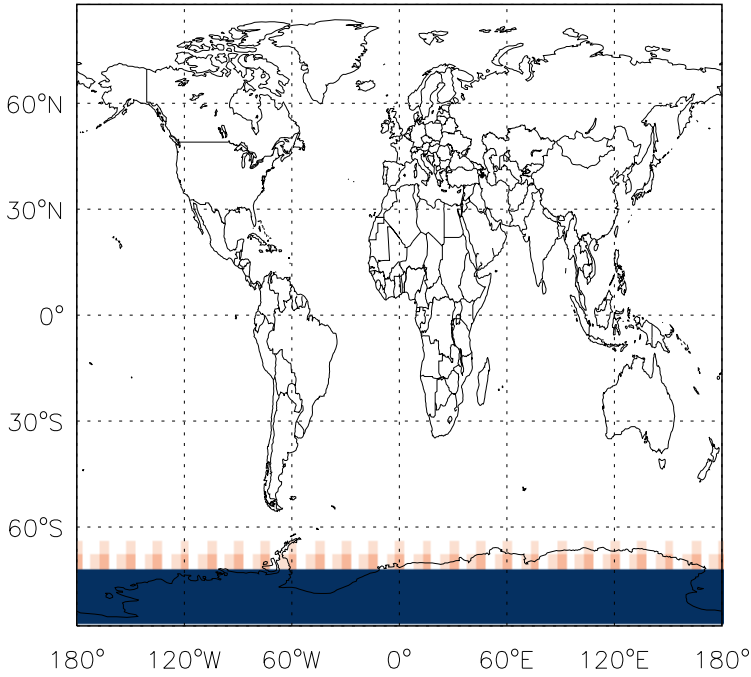


v11-01f-geosp-Run0 - v11-01b-Run0
JGLYC - J-Value Ratio @ 500 hPa for Jul

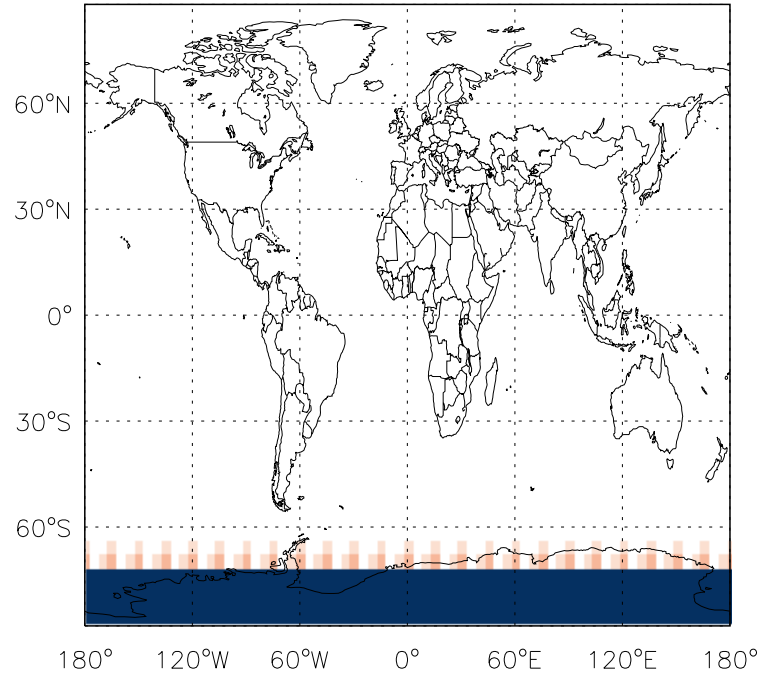


GEOS-Chem J-Values at surface and 500 hPa

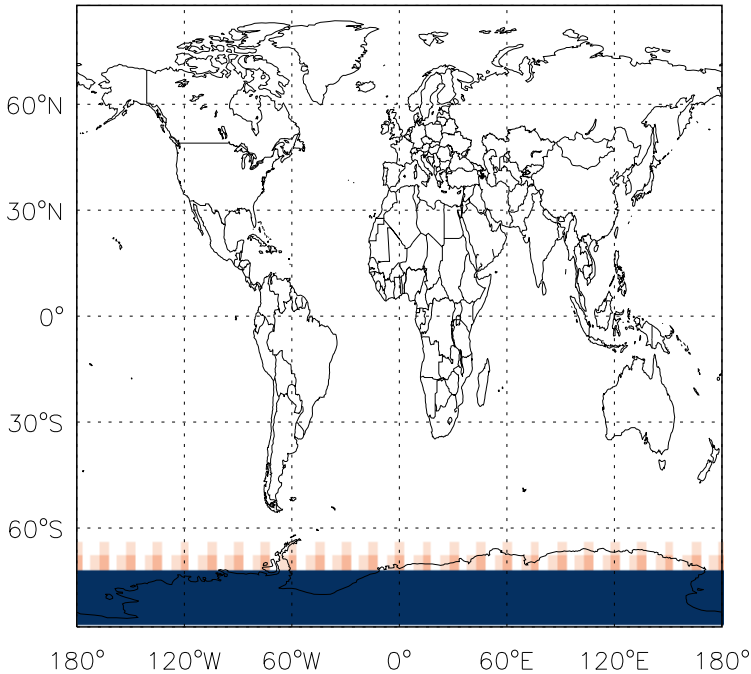
v11-01f-geosp-Run0 - v11-01d-Run1
JNO2 - J-Value Ratio @ surface for Jul



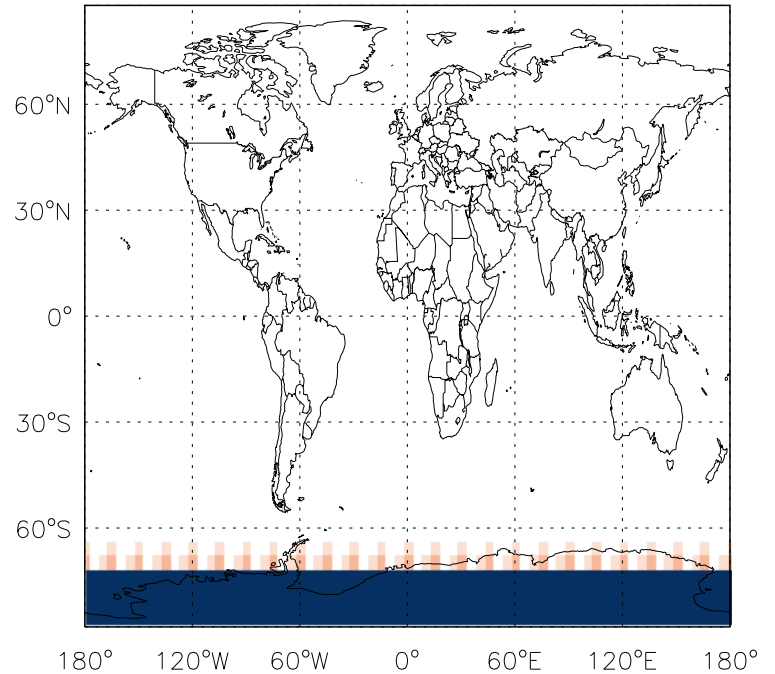
v11-01f-geosp-Run0 - v11-01d-Run1
JNO2 - J-Value Ratio @ 500 hPa for Jul



v11-01f-geosp-Run0 - v11-01b-Run0
JNO2 - J-Value Ratio @ surface for Jul

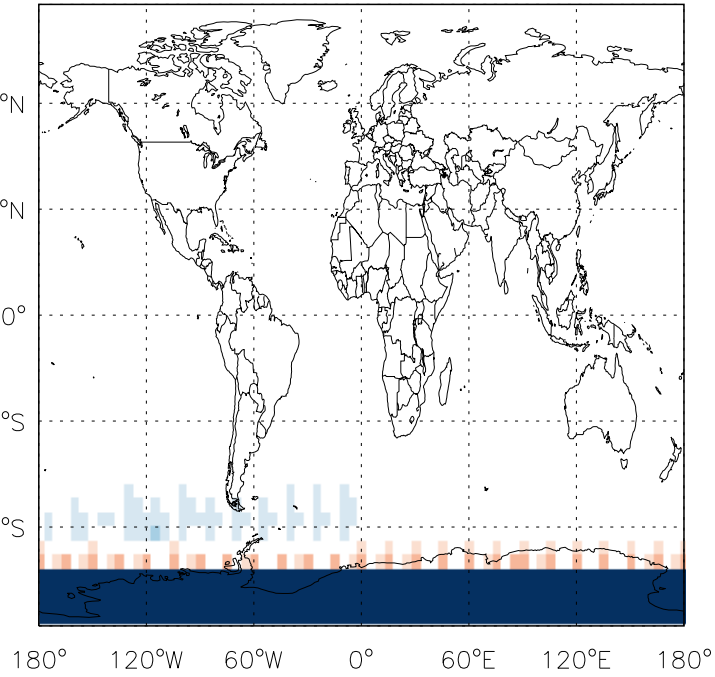


v11-01f-geosp-Run0 - v11-01b-Run0
JNO2 - J-Value Ratio @ 500 hPa for Jul

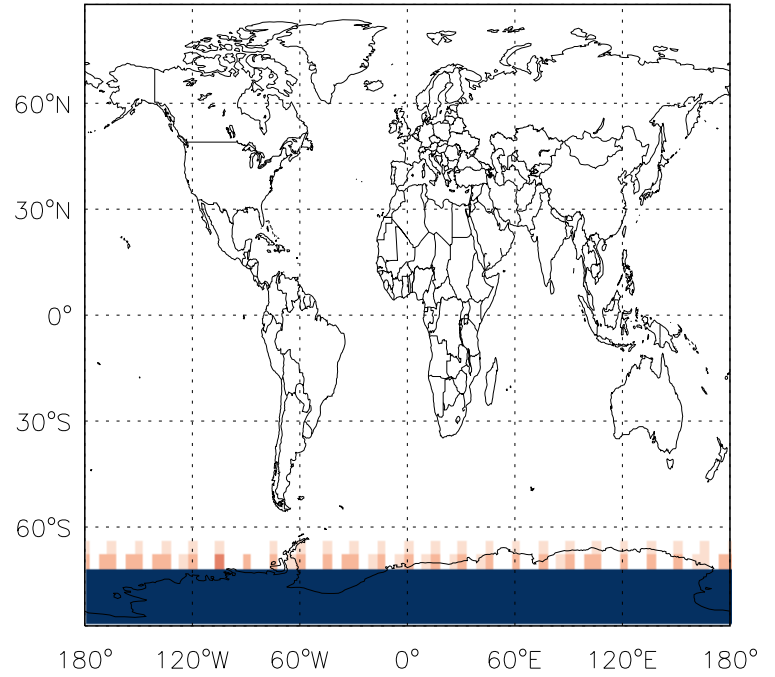


GEOS-Chem J-Values at surface and 500 hPa

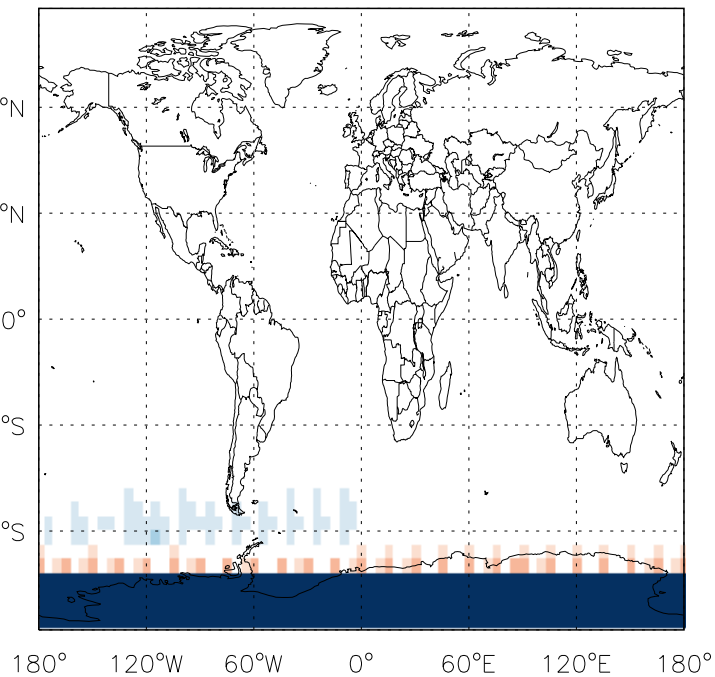
v11-01f-geosp-Run0 - v11-01d-Run1
JNO3 - J-Value Ratio @ surface for Jul



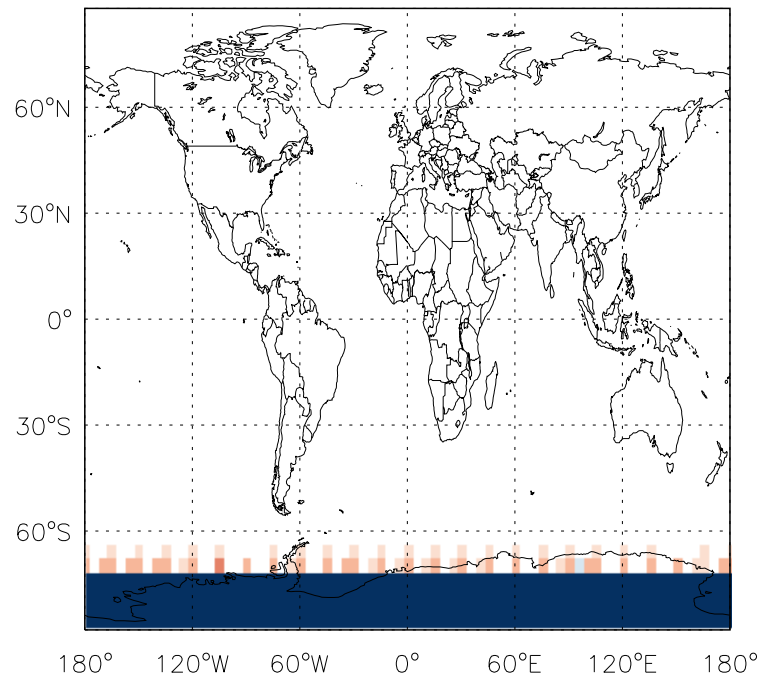
v11-01f-geosp-Run0 - v11-01d-Run1
JNO3 - J-Value Ratio @ 500 hPa for Jul



v11-01f-geosp-Run0 - v11-01b-Run0
JNO3 - J-Value Ratio @ surface for Jul

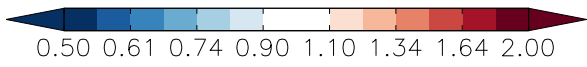
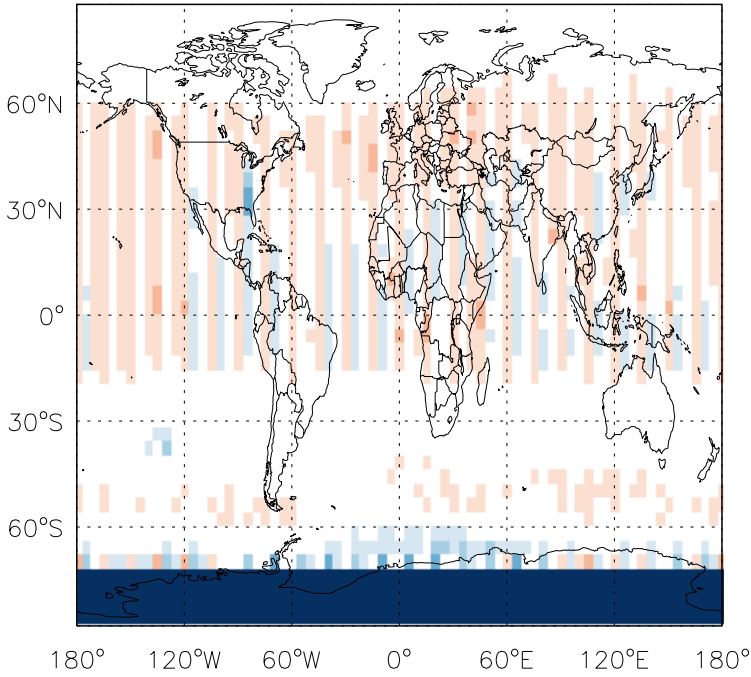


v11-01f-geosp-Run0 - v11-01b-Run0
JNO3 - J-Value Ratio @ 500 hPa for Jul

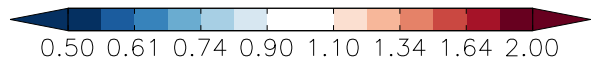
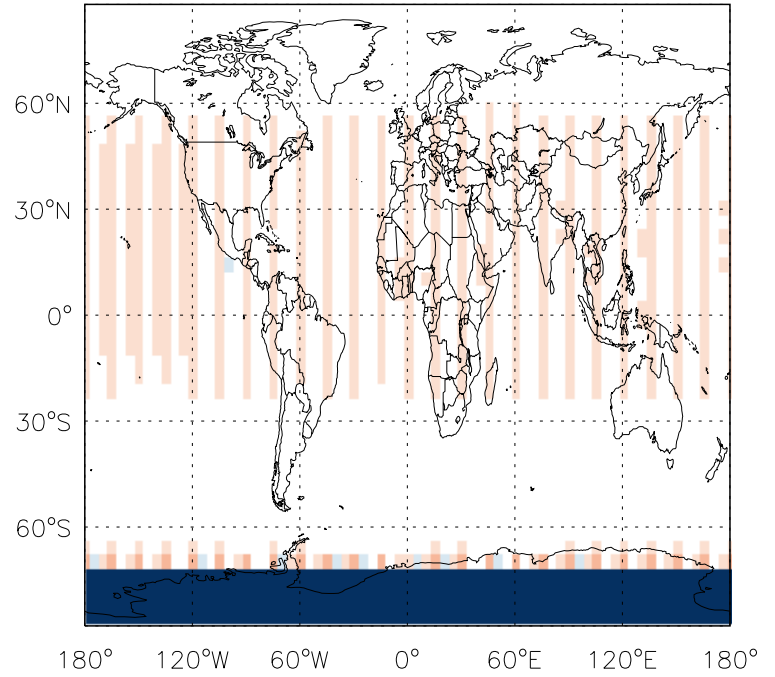


GEOS-Chem J-Values at surface and 500 hPa

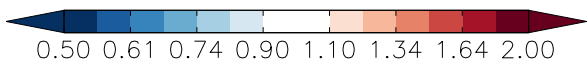
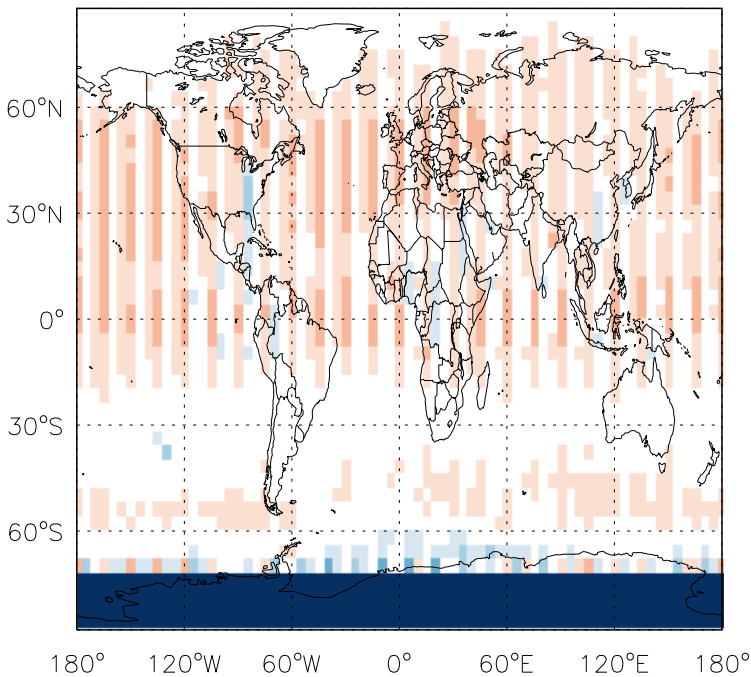
v11-01f-geosp-Run0 - v11-01d-Run1
JN20 - J-Value Ratio @ surface for Jul



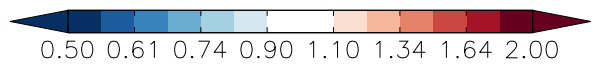
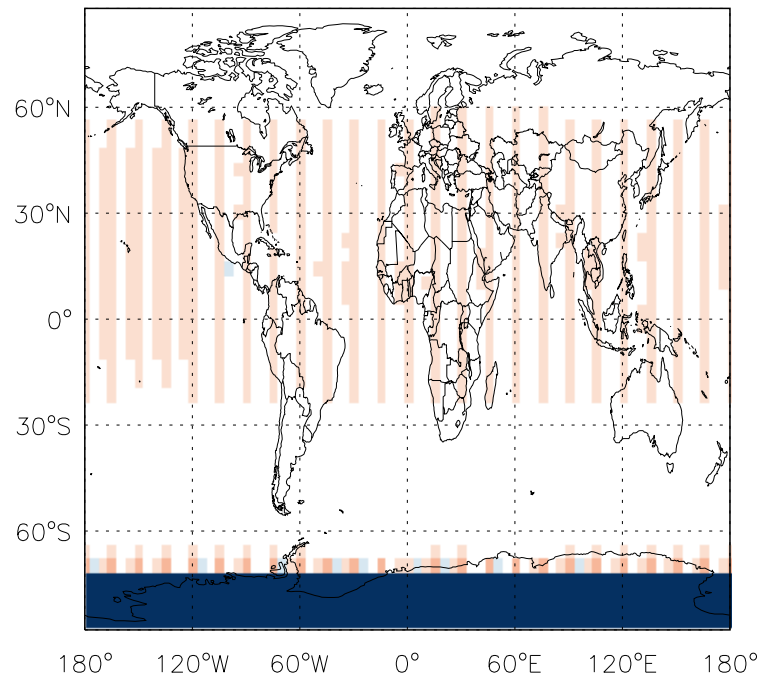
v11-01f-geosp-Run0 - v11-01d-Run1
JN20 - J-Value Ratio @ 500 hPa for Jul



v11-01f-geosp-Run0 - v11-01b-Run0
JN20 - J-Value Ratio @ surface for Jul

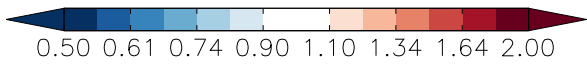
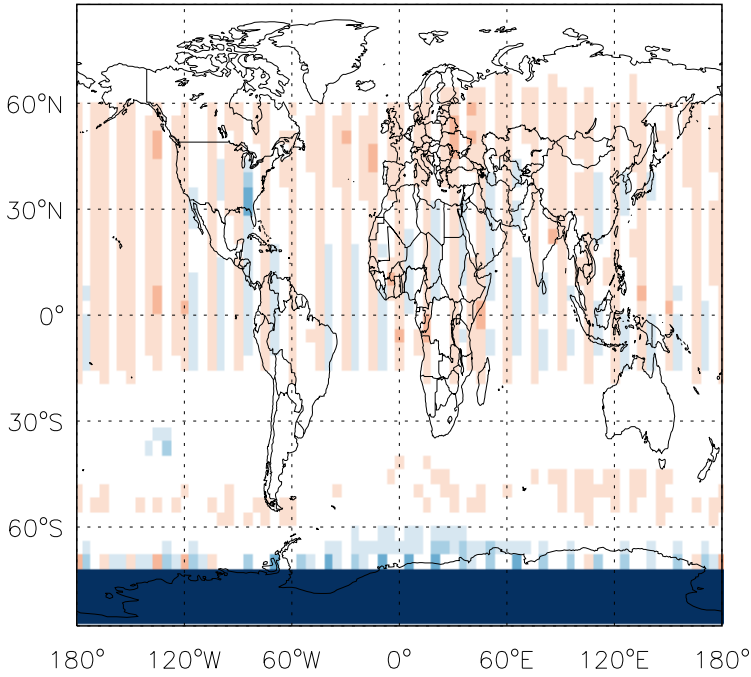


v11-01f-geosp-Run0 - v11-01b-Run0
JN20 - J-Value Ratio @ 500 hPa for Jul

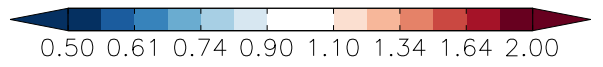
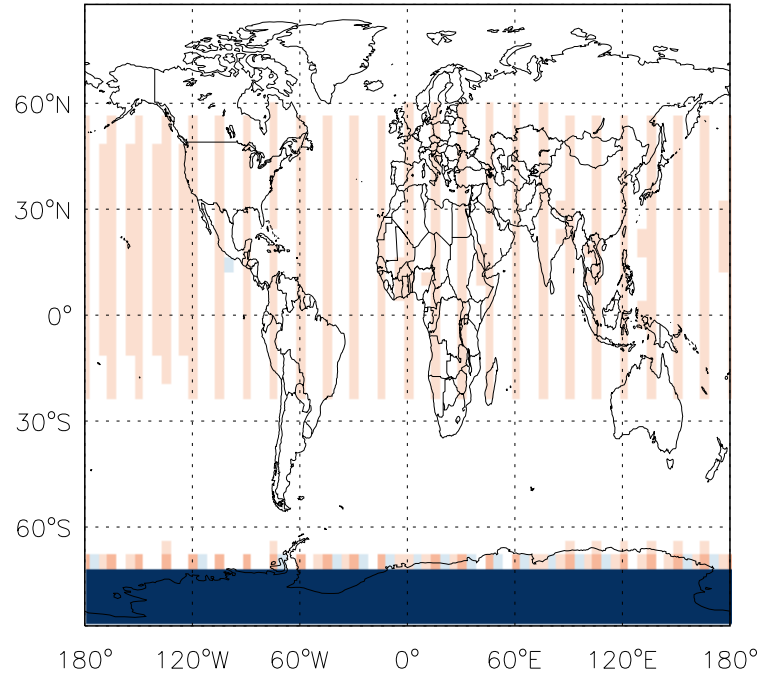


GEOS-Chem J-Values at surface and 500 hPa

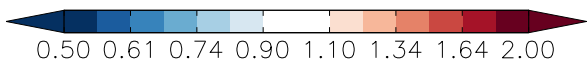
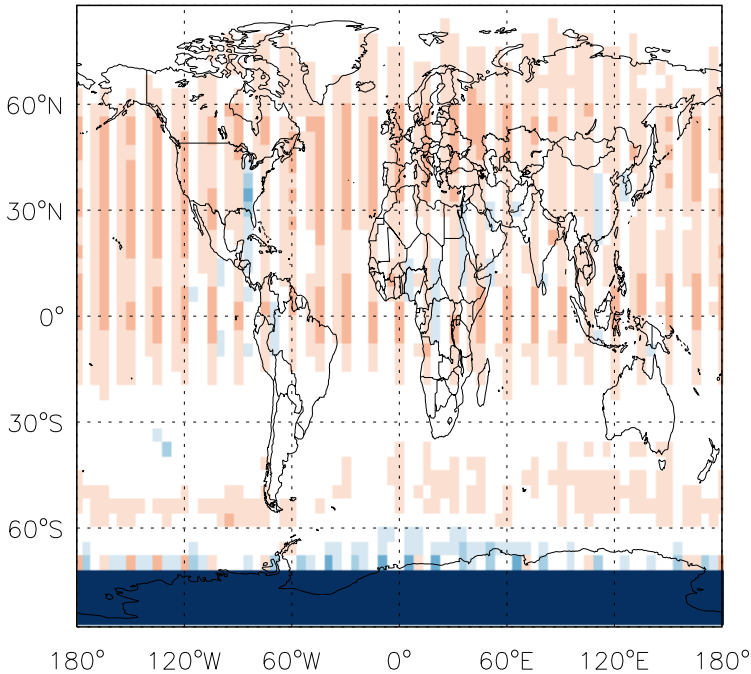
v11-01f-geosp-Run0 - v11-01d-Run1
JCCI4 - J-Value Ratio @ surface for Jul



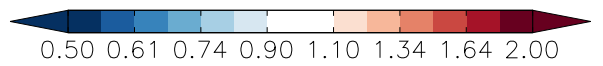
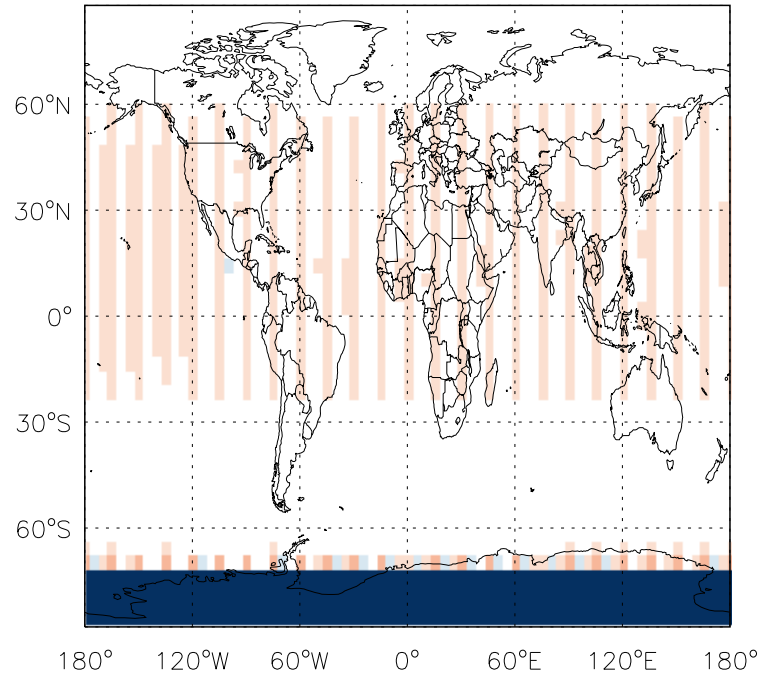
v11-01f-geosp-Run0 - v11-01d-Run1
JCCI4 - J-Value Ratio @ 500 hPa for Jul



v11-01f-geosp-Run0 - v11-01b-Run0
JCCI4 - J-Value Ratio @ surface for Jul

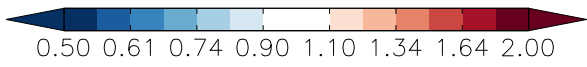
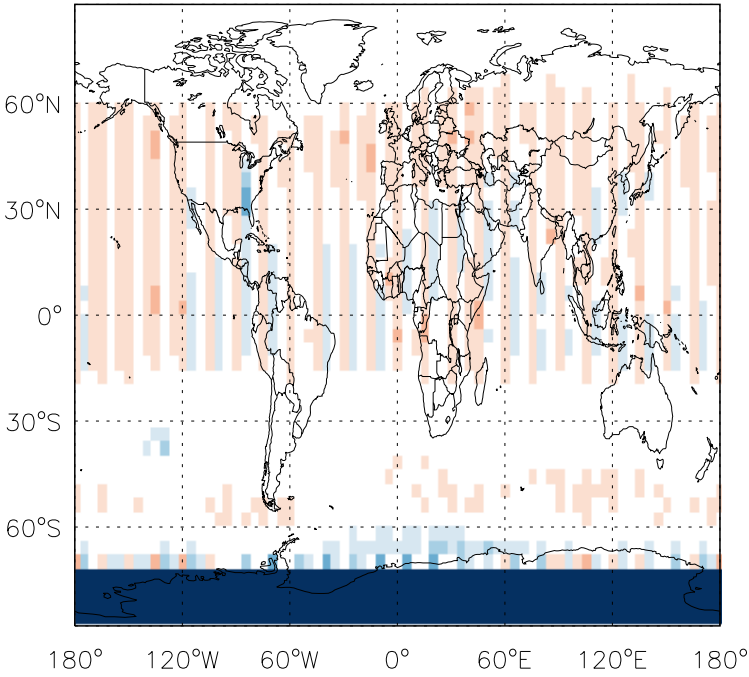


v11-01f-geosp-Run0 - v11-01b-Run0
JCCI4 - J-Value Ratio @ 500 hPa for Jul

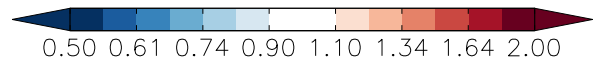
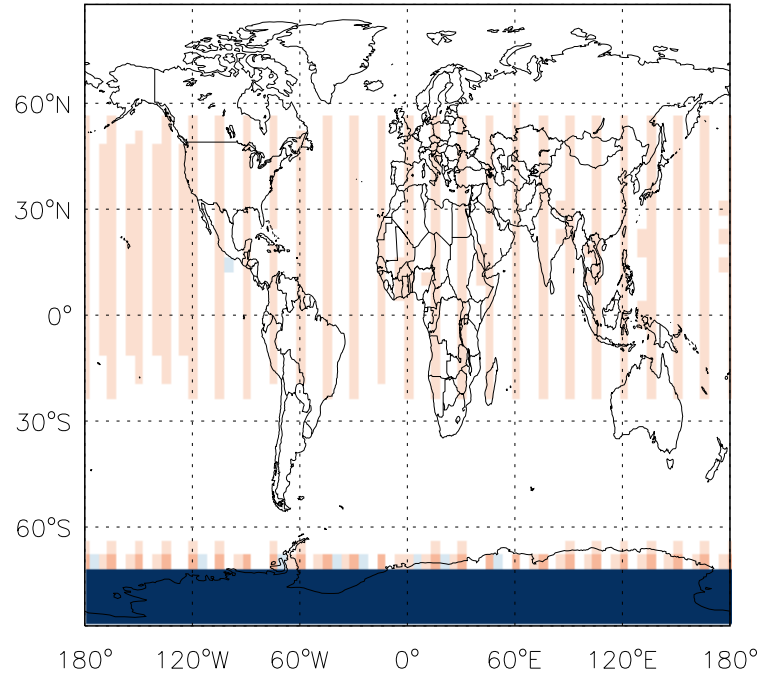


GEOS-Chem J-Values at surface and 500 hPa

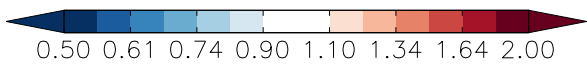
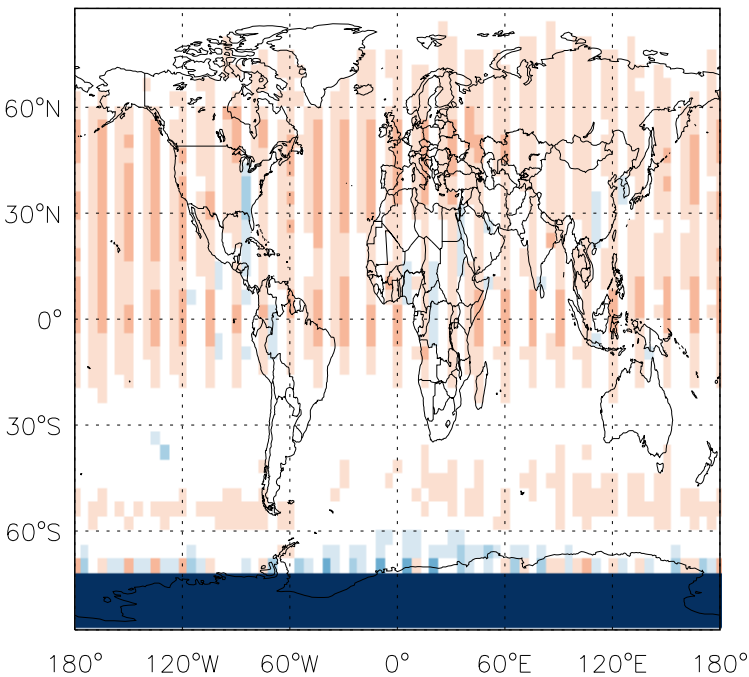
v11-01f-geosp-Run0 - v11-01d-Run1
JCH3Cl - J-Value Ratio @ surface for Jul



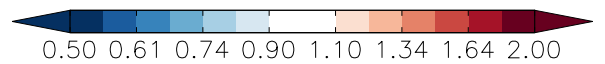
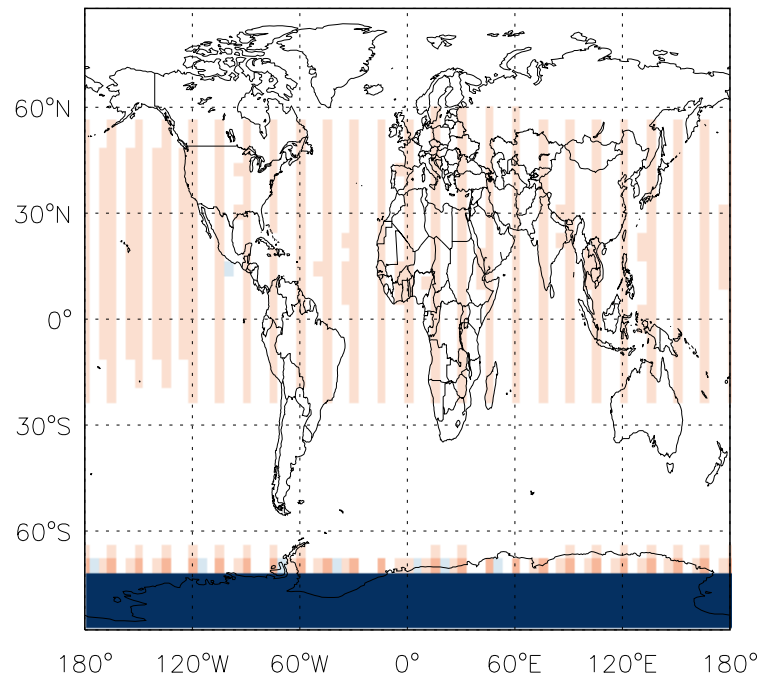
v11-01f-geosp-Run0 - v11-01d-Run1
JCH3Cl - J-Value Ratio @ 500 hPa for Jul



v11-01f-geosp-Run0 - v11-01b-Run0
JCH3Cl - J-Value Ratio @ surface for Jul

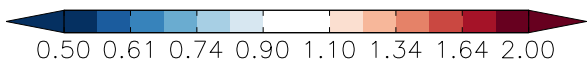
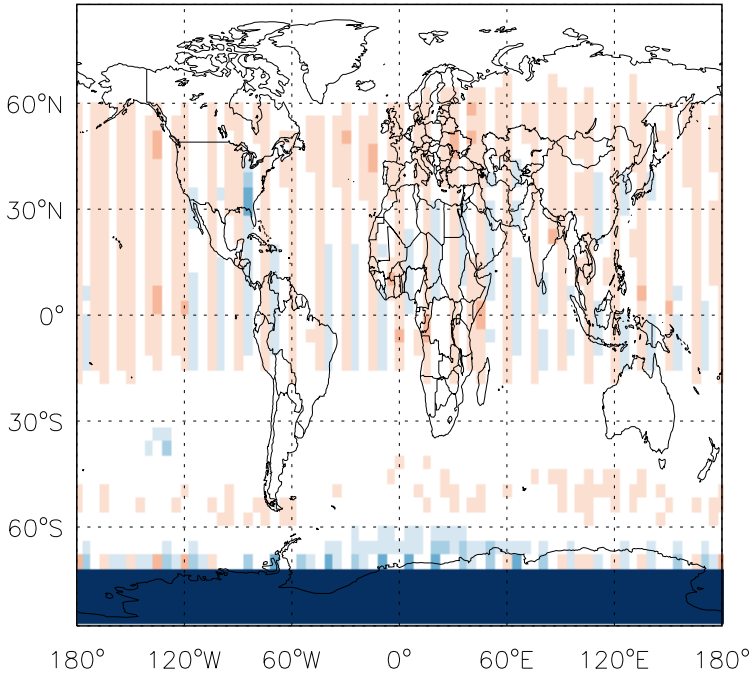


v11-01f-geosp-Run0 - v11-01b-Run0
JCH3Cl - J-Value Ratio @ 500 hPa for Jul

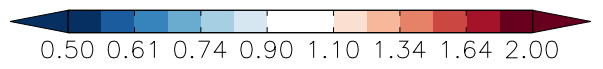
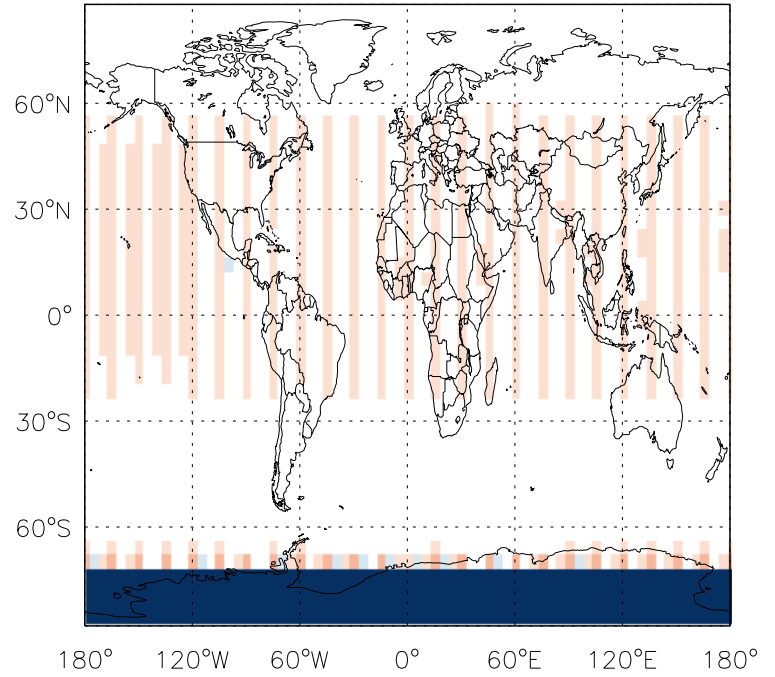


GEOS-Chem J-Values at surface and 500 hPa

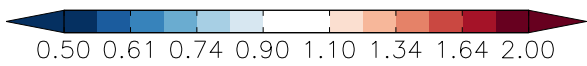
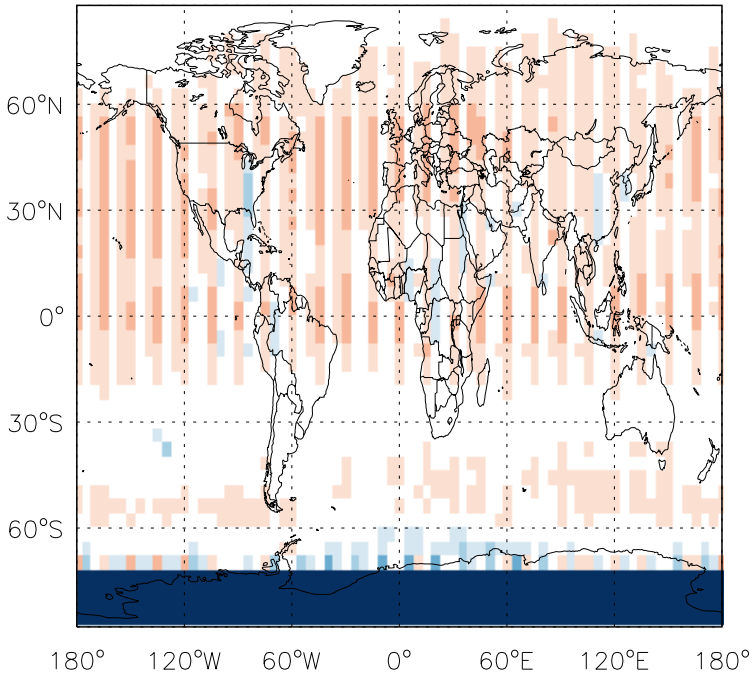
v11-01f-geosp-Run0 - v11-01d-Run1
JCFC11 - J-Value Ratio @ surface for Jul



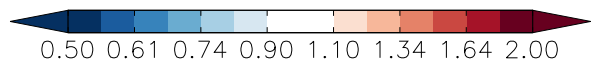
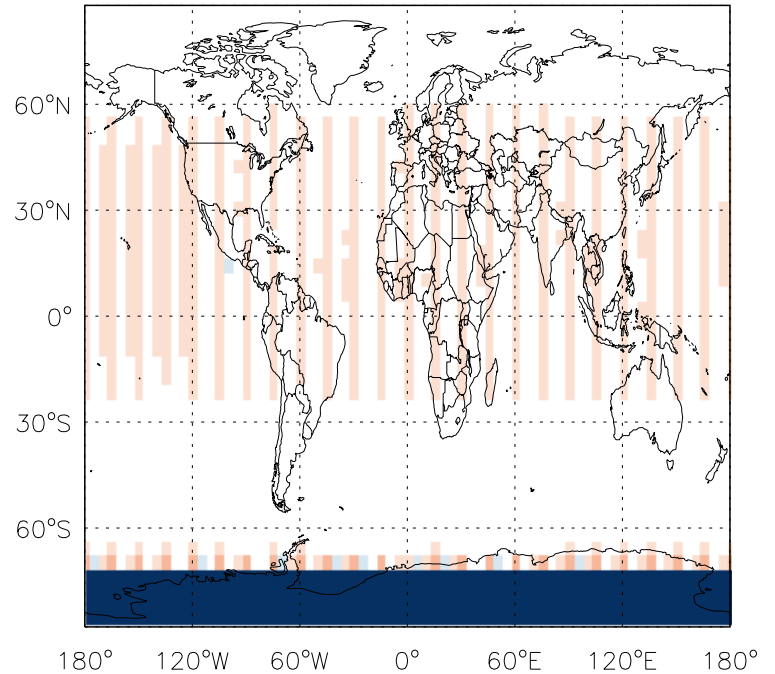
v11-01f-geosp-Run0 - v11-01d-Run1
JCFC11 - J-Value Ratio @ 500 hPa for Jul



v11-01f-geosp-Run0 - v11-01b-Run0
JCFC11 - J-Value Ratio @ surface for Jul

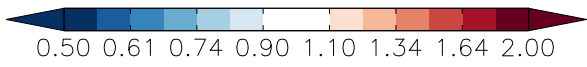
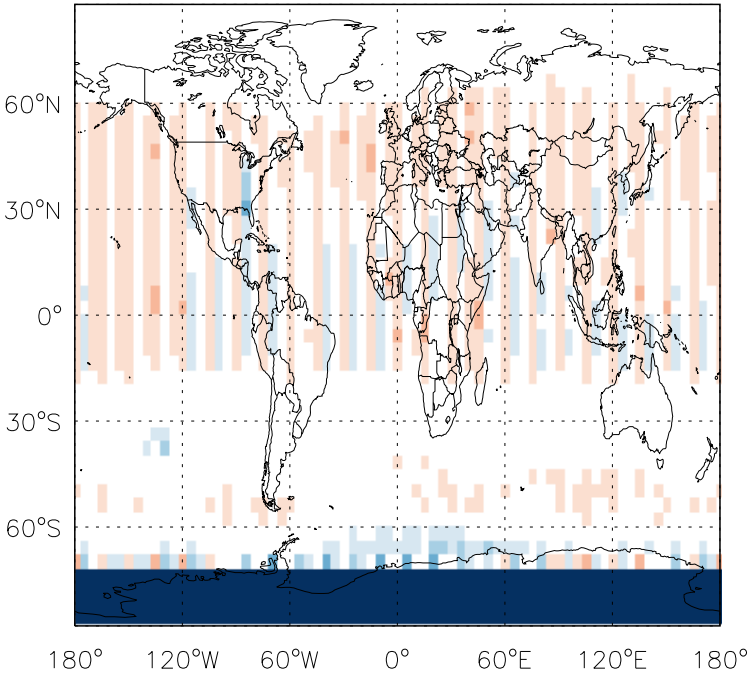


v11-01f-geosp-Run0 - v11-01b-Run0
JCFC11 - J-Value Ratio @ 500 hPa for Jul

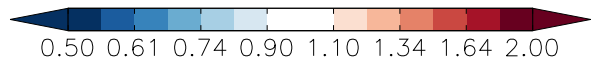
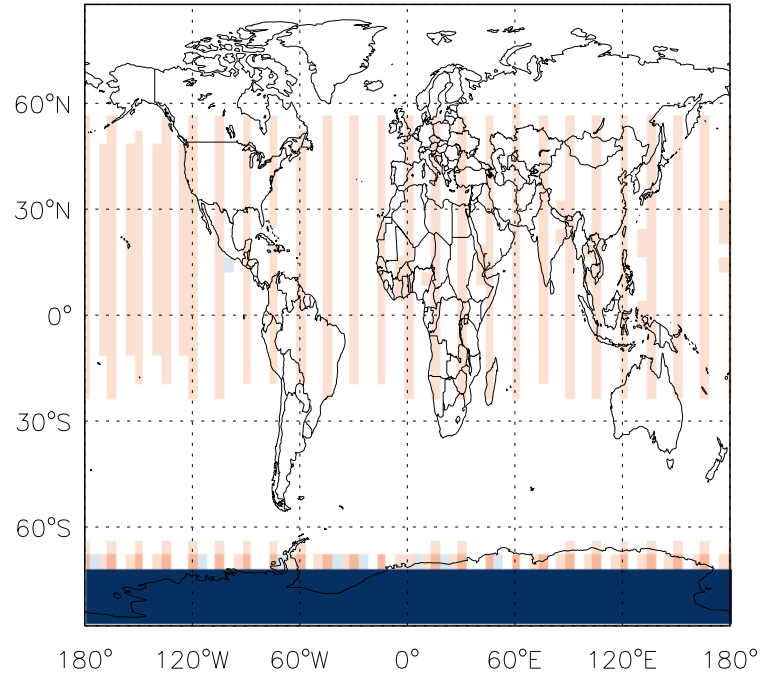


GEOS-Chem J-Values at surface and 500 hPa

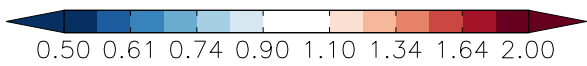
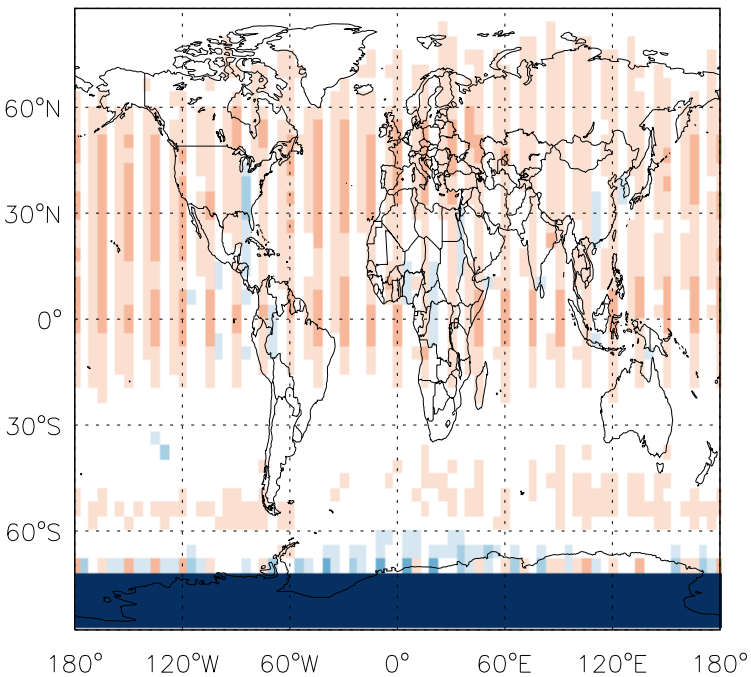
v11-01f-geosp-Run0 - v11-01d-Run1
JCFC12 - J-Value Ratio @ surface for Jul



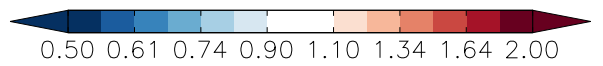
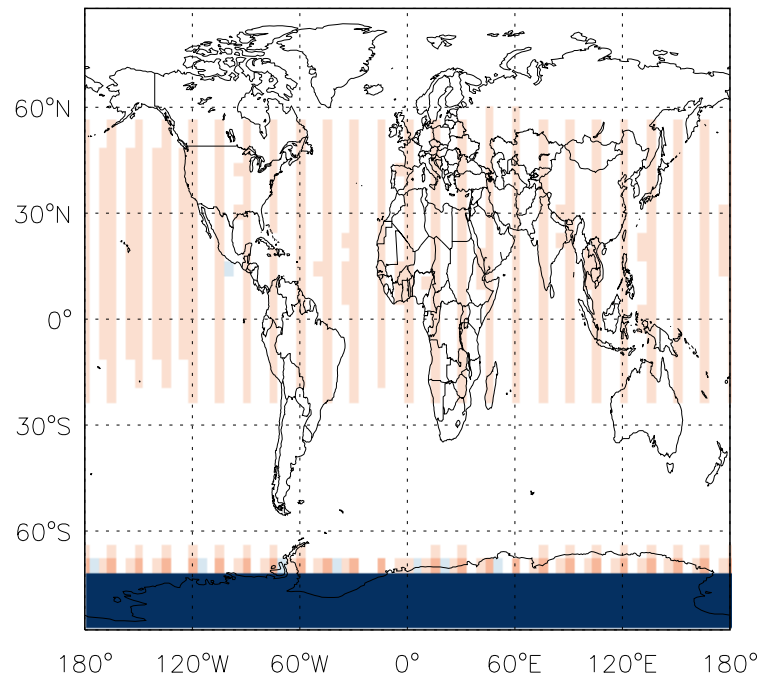
v11-01f-geosp-Run0 - v11-01d-Run1
JCFC12 - J-Value Ratio @ 500 hPa for Jul



v11-01f-geosp-Run0 - v11-01b-Run0
JCFC12 - J-Value Ratio @ surface for Jul

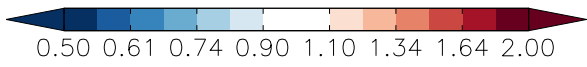
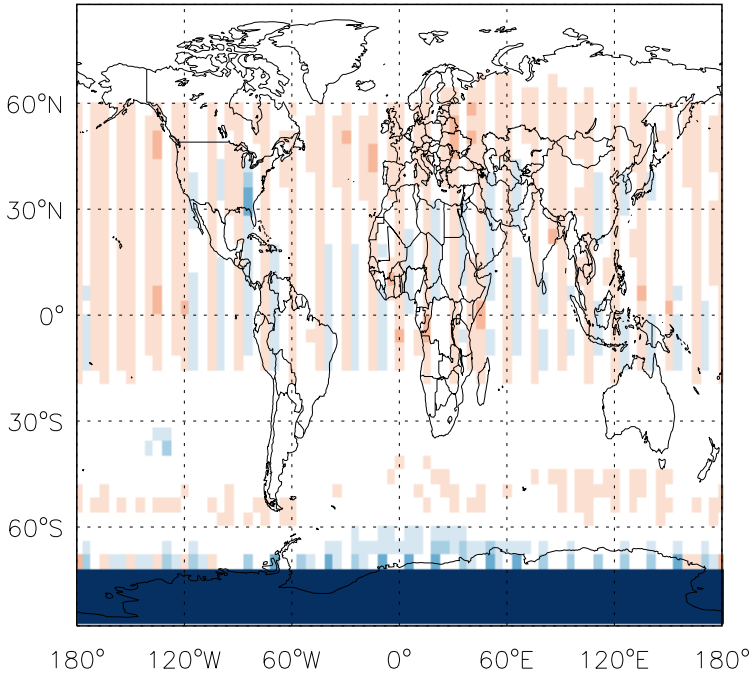


v11-01f-geosp-Run0 - v11-01b-Run0
JCFC12 - J-Value Ratio @ 500 hPa for Jul

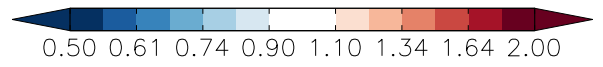
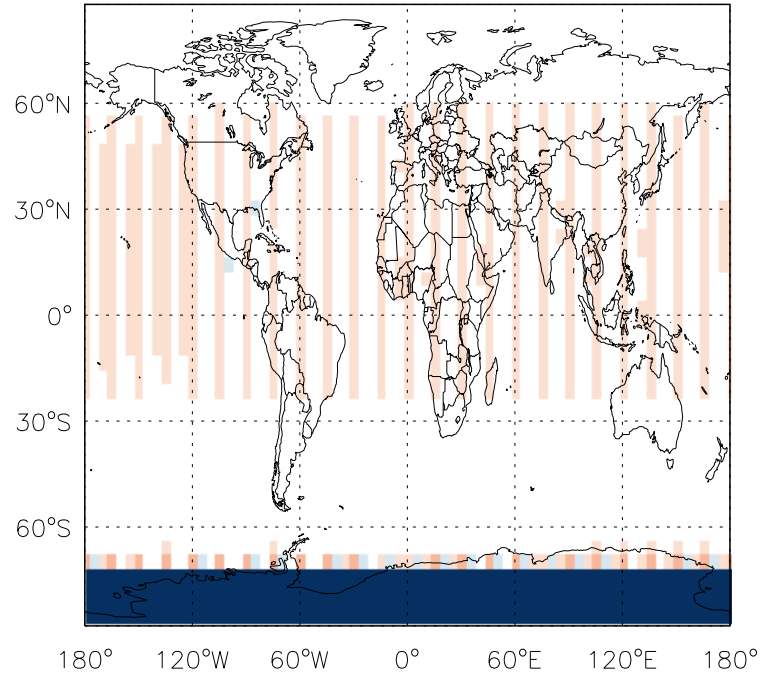


GEOS-Chem J-Values at surface and 500 hPa

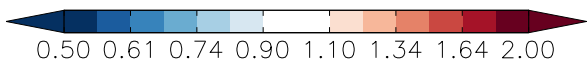
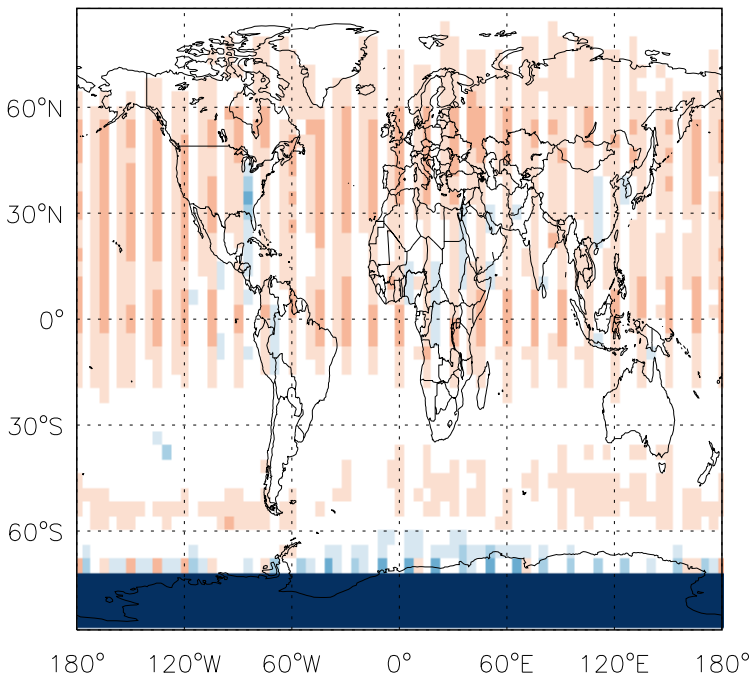
v11-01f-geosp-Run0 - v11-01d-Run1
J02 - J-Value Ratio @ surface for Jul



v11-01f-geosp-Run0 - v11-01d-Run1
J02 - J-Value Ratio @ 500 hPa for Jul



v11-01f-geosp-Run0 - v11-01b-Run0
J02 - J-Value Ratio @ surface for Jul



v11-01f-geosp-Run0 - v11-01b-Run0
J02 - J-Value Ratio @ 500 hPa for Jul

