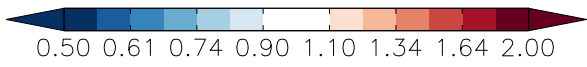
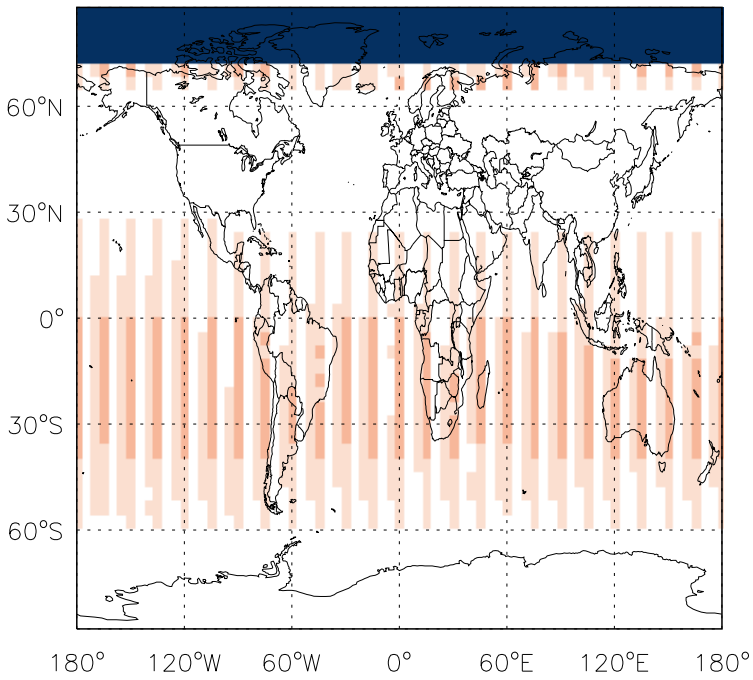
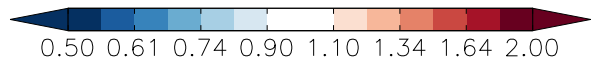
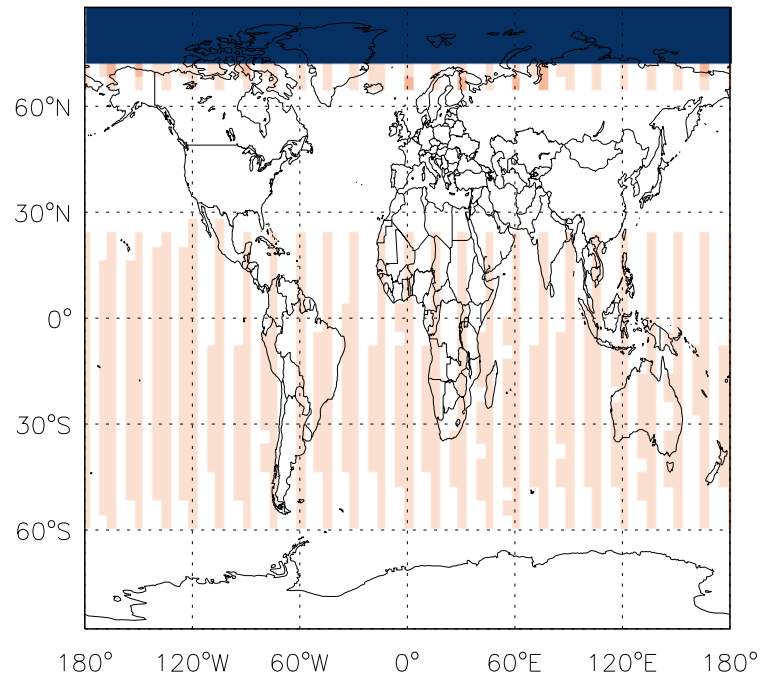


GEOS-Chem J-Values at surface and 500 hPa

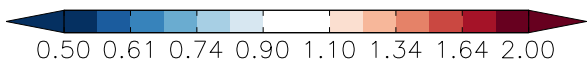
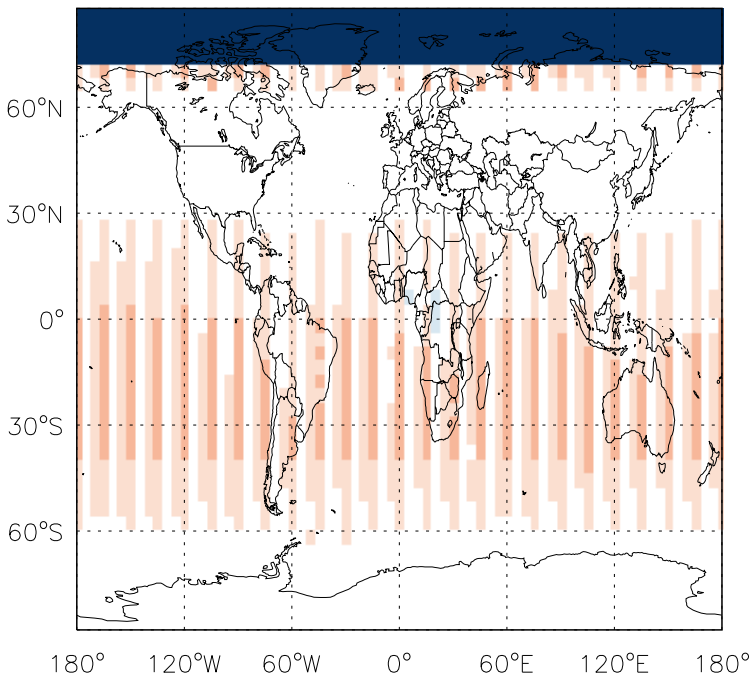
v11-01f-geosp-Run0 - v11-01d-Run1  
JNO - J-Value Ratio @ surface for Jan



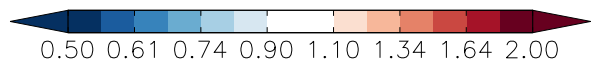
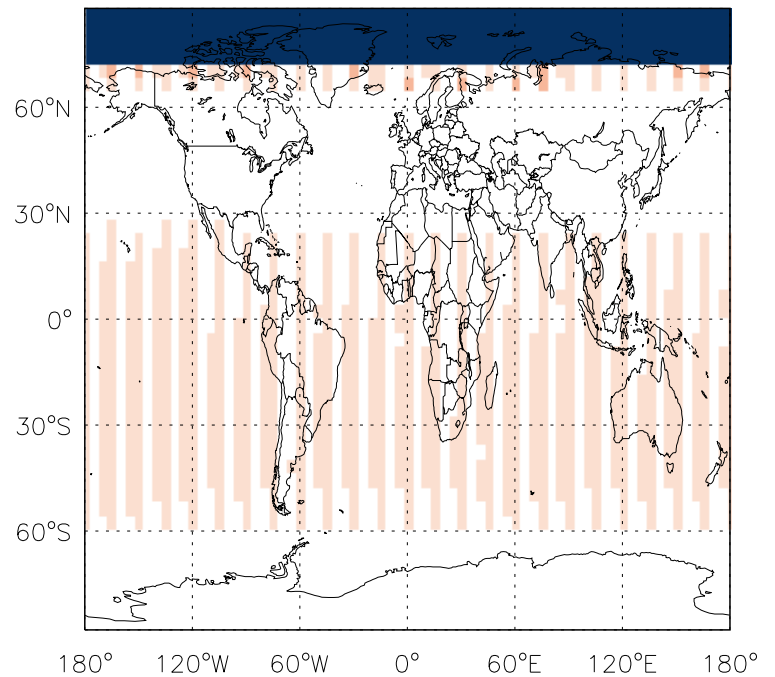
v11-01f-geosp-Run0 - v11-01d-Run1  
JNO - J-Value Ratio @ 500 hPa for Jan



v11-01f-geosp-Run0 - v11-01b-Run0  
JNO - J-Value Ratio @ surface for Jan

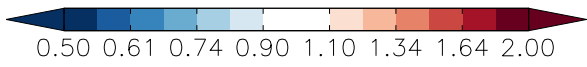
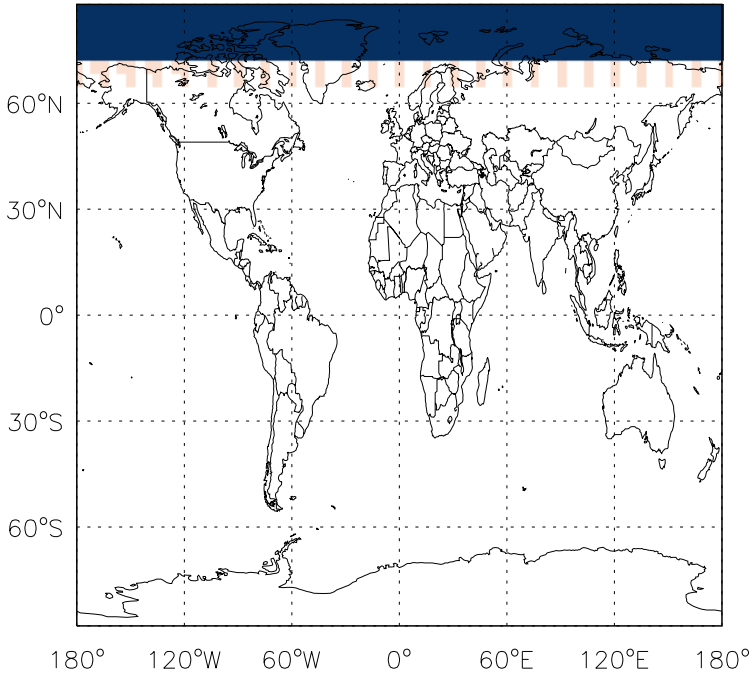


v11-01f-geosp-Run0 - v11-01b-Run0  
JNO - J-Value Ratio @ 500 hPa for Jan

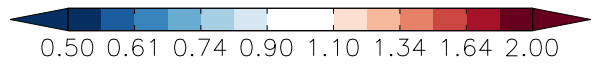
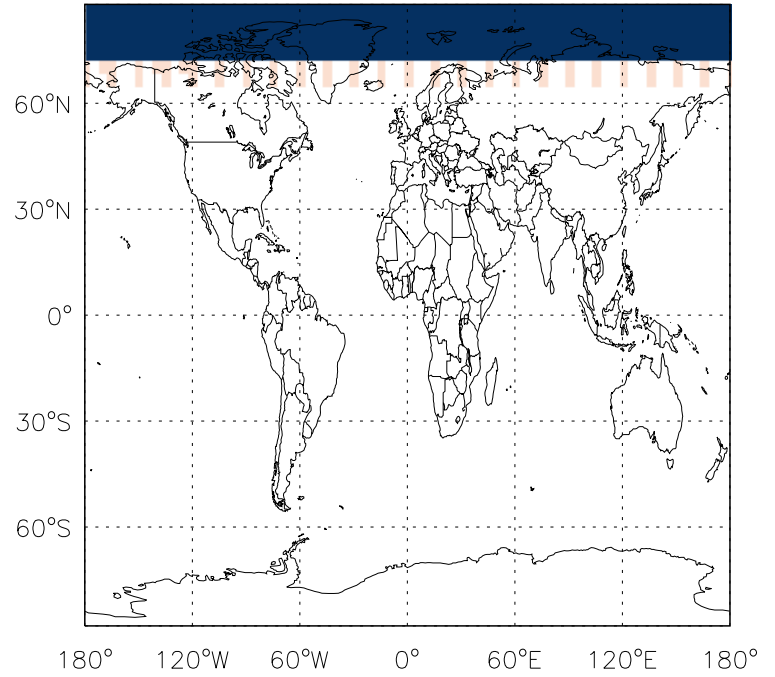


GEOS-Chem J-Values at surface and 500 hPa

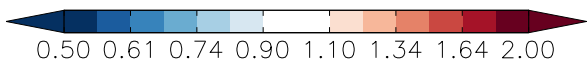
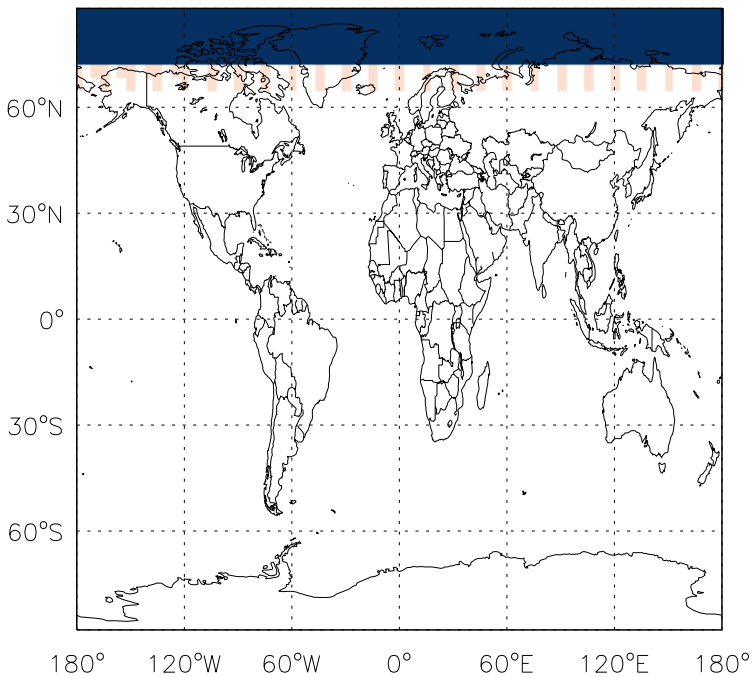
v11-01f-geosp-Run0 - v11-01d-Run1  
J03\_01D - J-Value Ratio @ surface for Jan



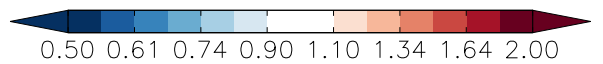
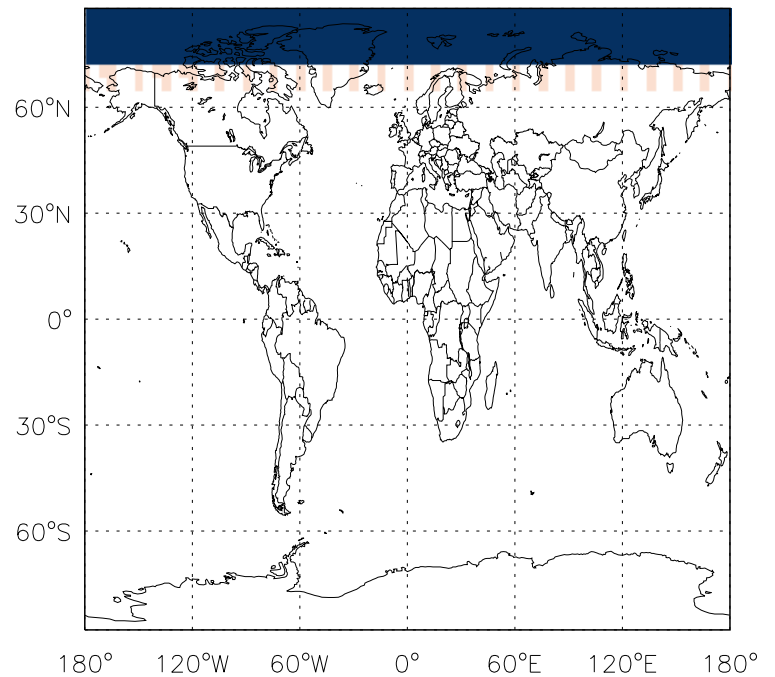
v11-01f-geosp-Run0 - v11-01d-Run1  
J03\_01D - J-Value Ratio @ 500 hPa for Jan



v11-01f-geosp-Run0 - v11-01b-Run0  
J03\_01D - J-Value Ratio @ surface for Jan

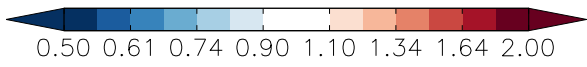
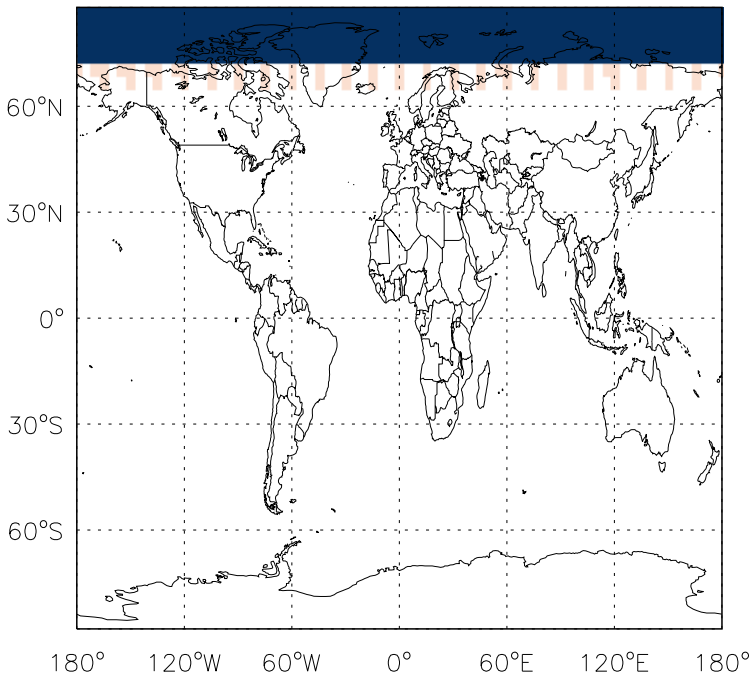


v11-01f-geosp-Run0 - v11-01b-Run0  
J03\_01D - J-Value Ratio @ 500 hPa for Jan

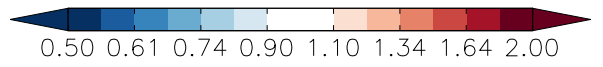
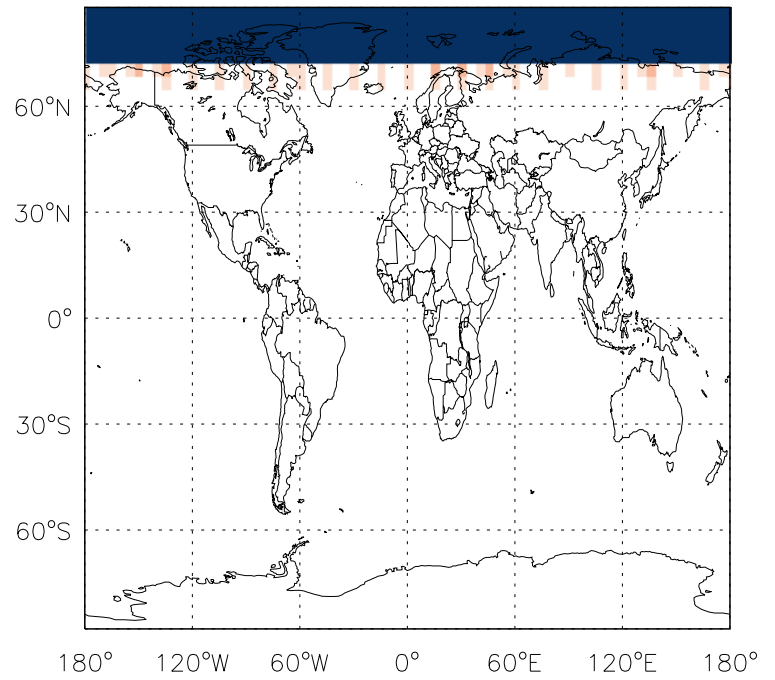


GEOS-Chem J-Values at surface and 500 hPa

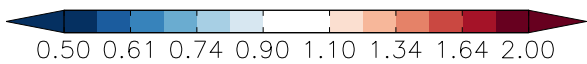
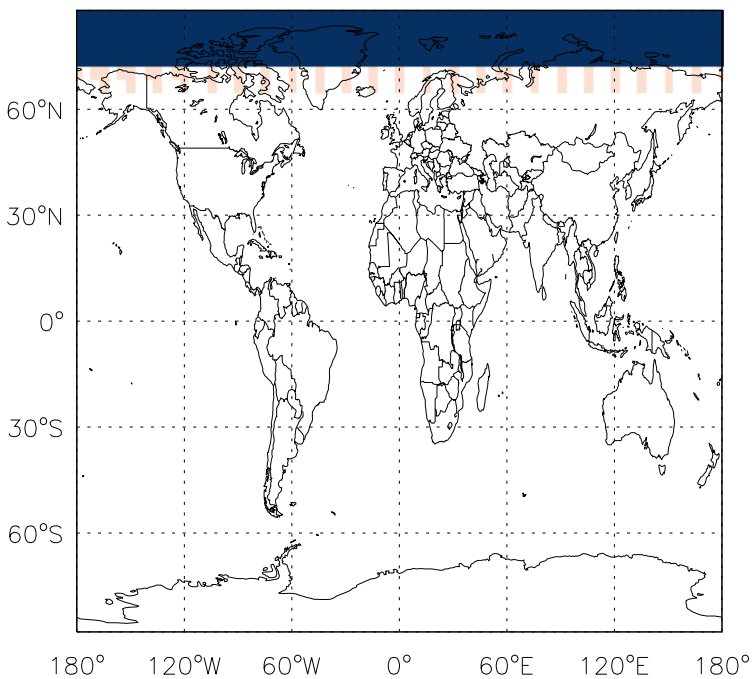
v11-01f-geosp-Run0 - v11-01d-Run1  
J03\_03P - J-Value Ratio @ surface for Jan



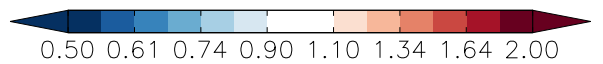
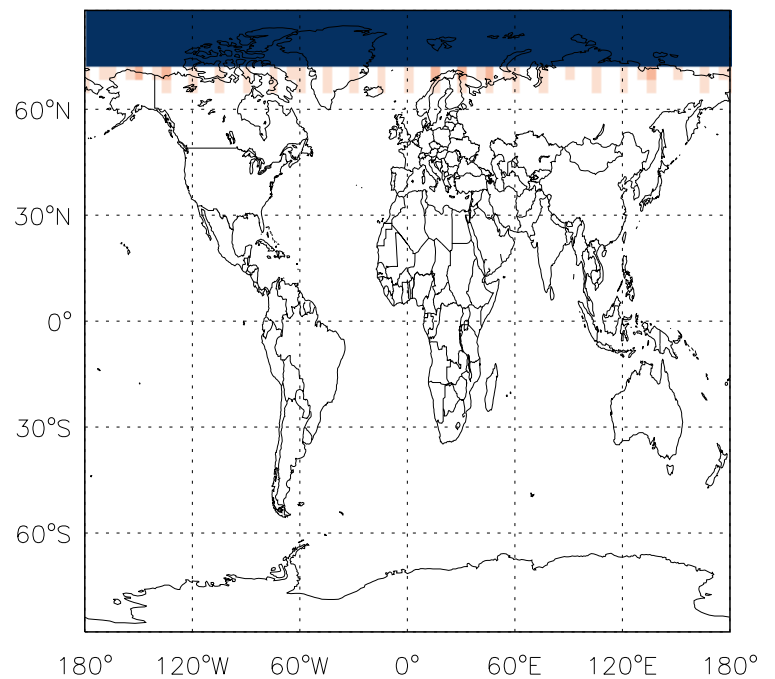
v11-01f-geosp-Run0 - v11-01d-Run1  
J03\_03P - J-Value Ratio @ 500 hPa for Jan



v11-01f-geosp-Run0 - v11-01b-Run0  
J03\_03P - J-Value Ratio @ surface for Jan

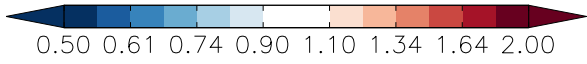
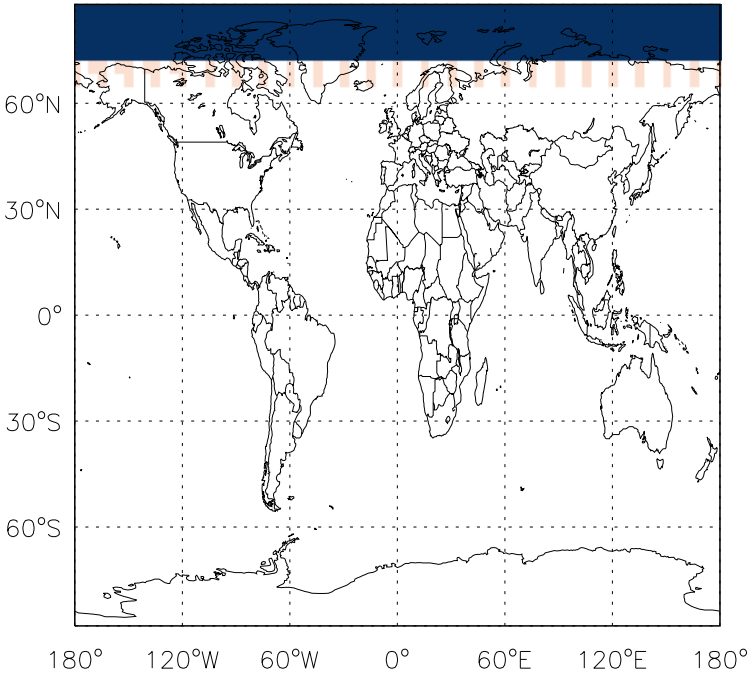


v11-01f-geosp-Run0 - v11-01b-Run0  
J03\_03P - J-Value Ratio @ 500 hPa for Jan

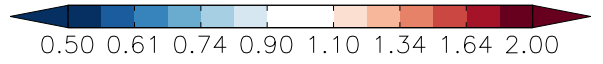
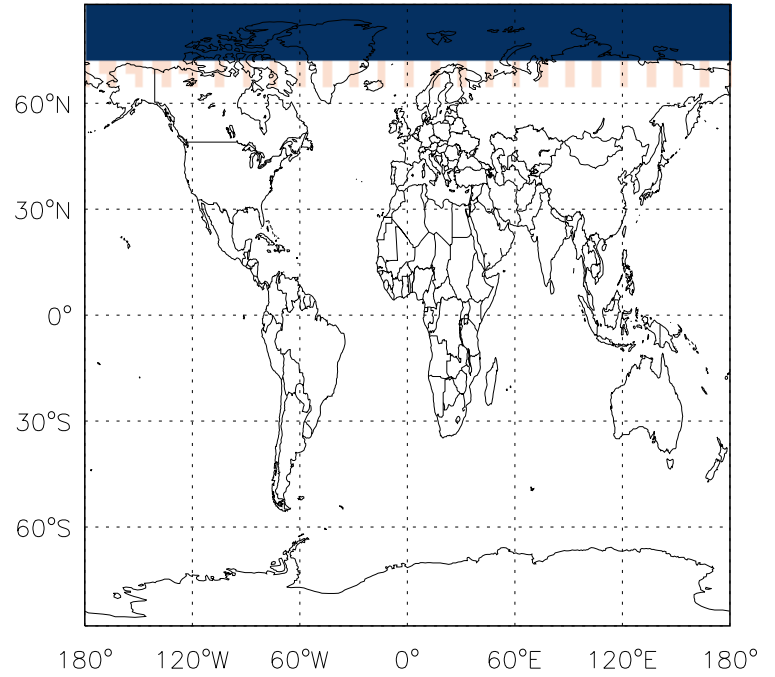


GEOS-Chem J-Values at surface and 500 hPa

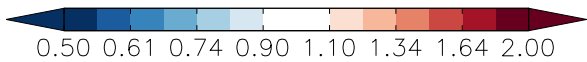
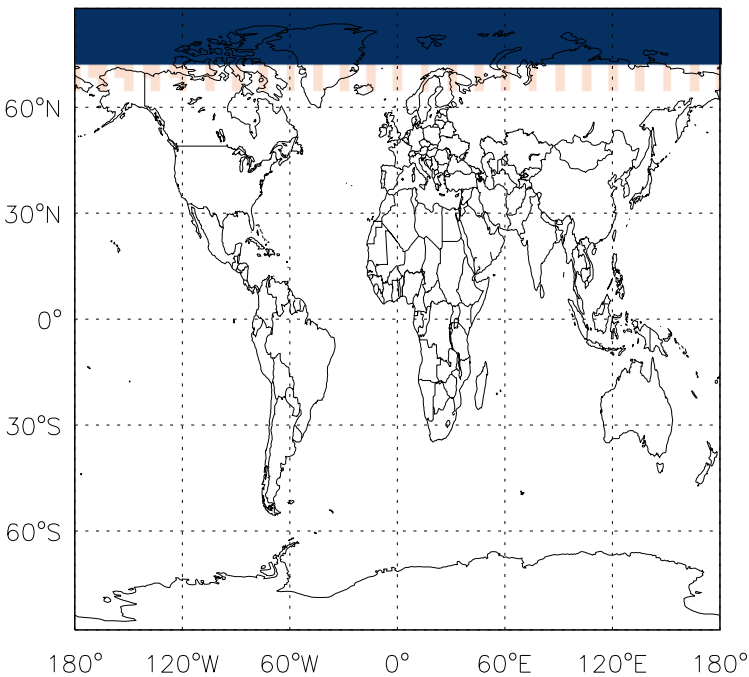
v11-01f-geosp-Run0 - v11-01d-Run1  
JHNO3 - J-Value Ratio @ surface for Jan



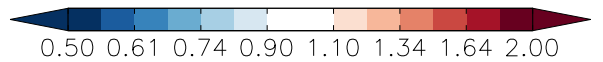
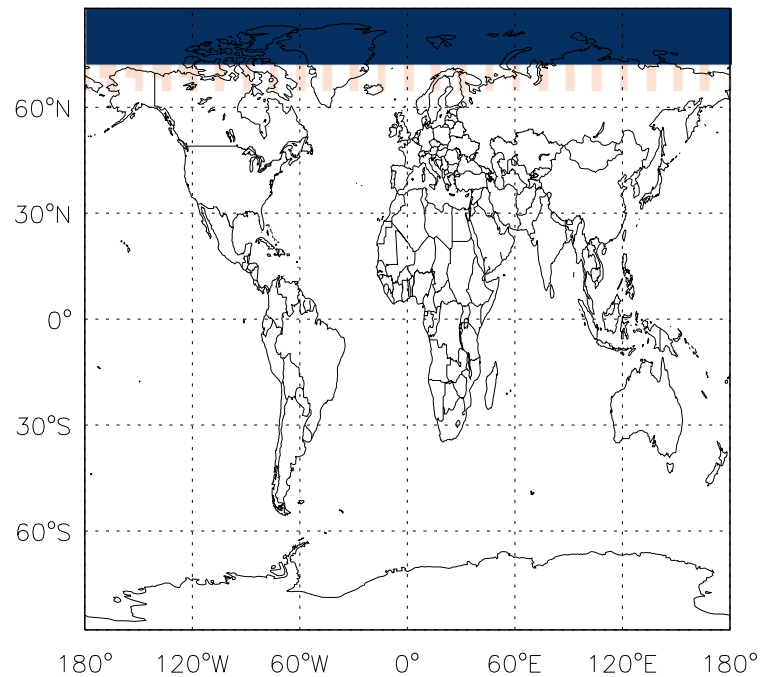
v11-01f-geosp-Run0 - v11-01d-Run1  
JHNO3 - J-Value Ratio @ 500 hPa for Jan



v11-01f-geosp-Run0 - v11-01b-Run0  
JHNO3 - J-Value Ratio @ surface for Jan

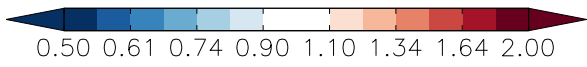
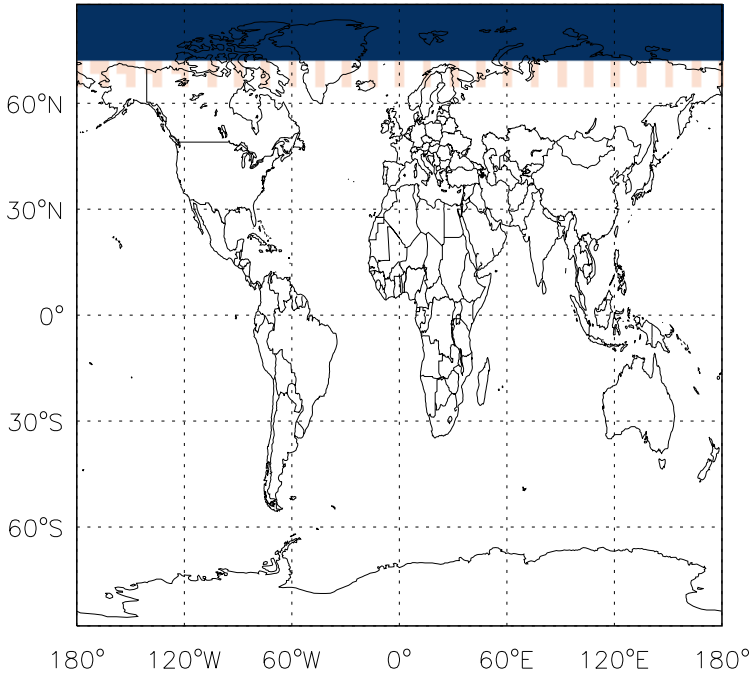


v11-01f-geosp-Run0 - v11-01b-Run0  
JHNO3 - J-Value Ratio @ 500 hPa for Jan

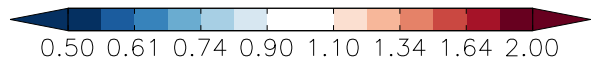
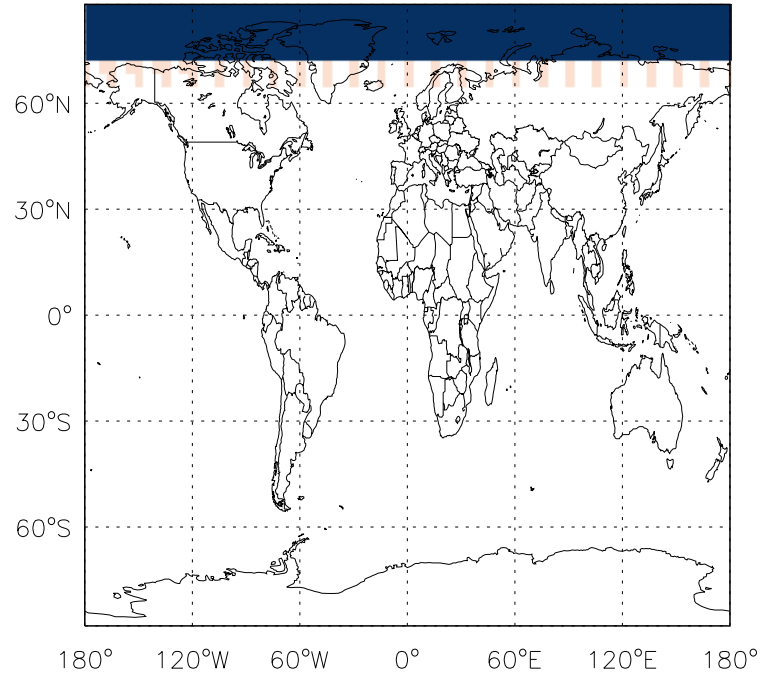


GEOS-Chem J-Values at surface and 500 hPa

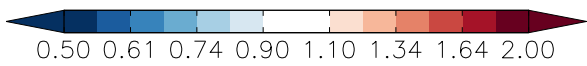
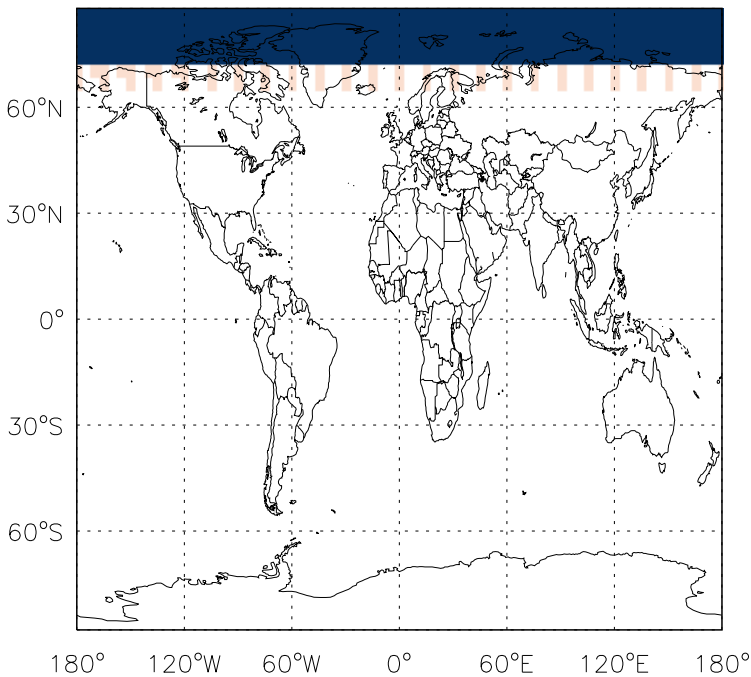
v11-01f-geosp-Run0 - v11-01d-Run1  
JH202 - J-Value Ratio @ surface for Jan



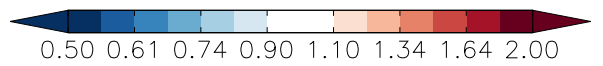
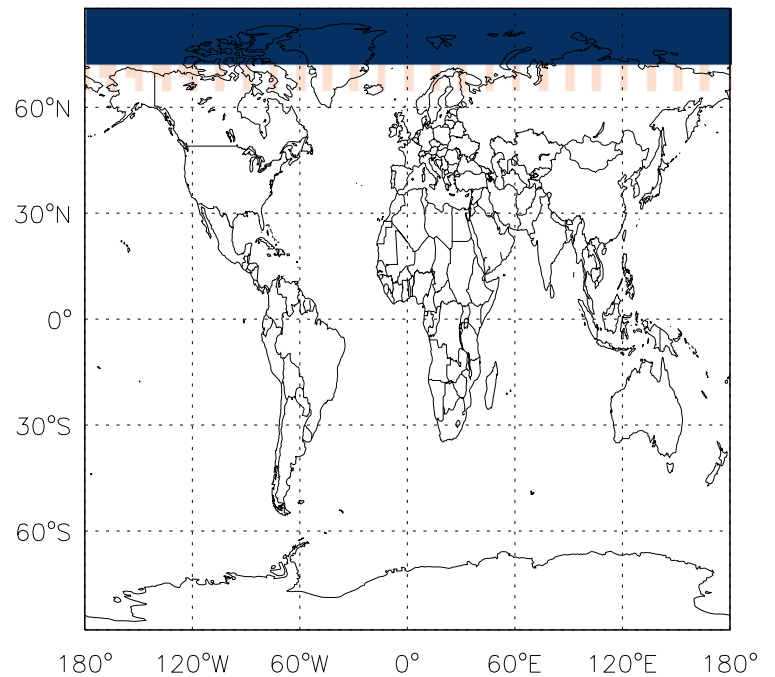
v11-01f-geosp-Run0 - v11-01d-Run1  
JH202 - J-Value Ratio @ 500 hPa for Jan



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

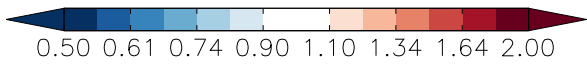
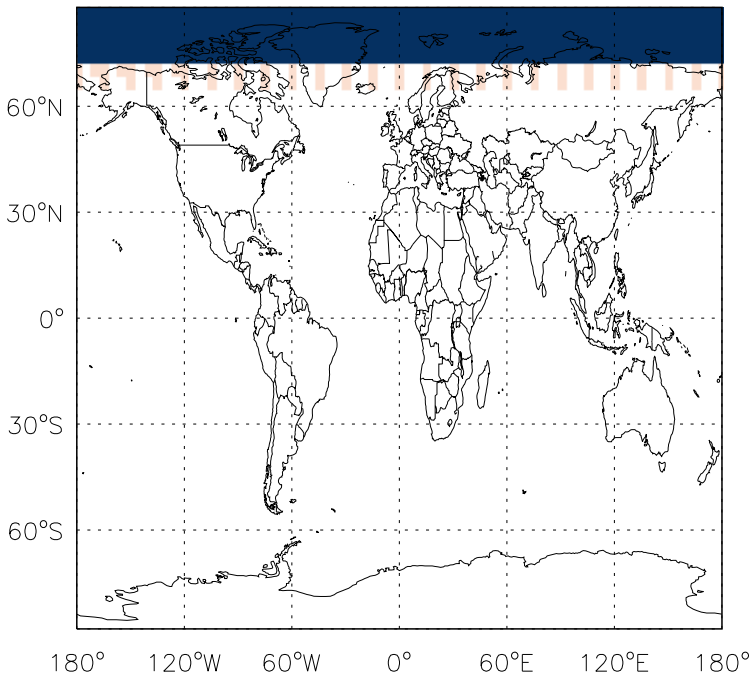


v11-01f-geosp-Run0 - v11-01b-Run0  
JH202 - J-Value Ratio @ 500 hPa for Jan

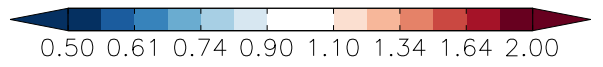
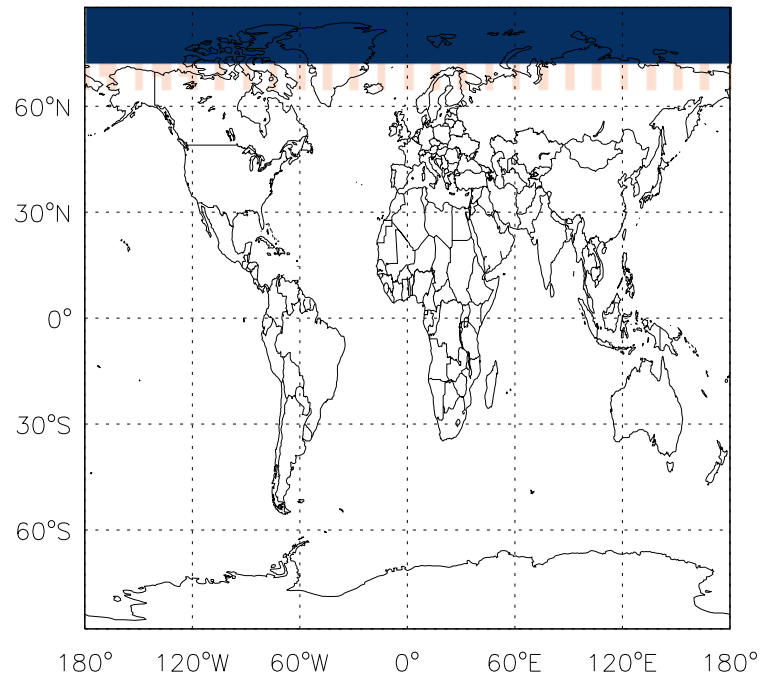


GEOS-Chem J-Values at surface and 500 hPa

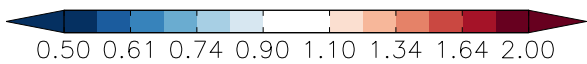
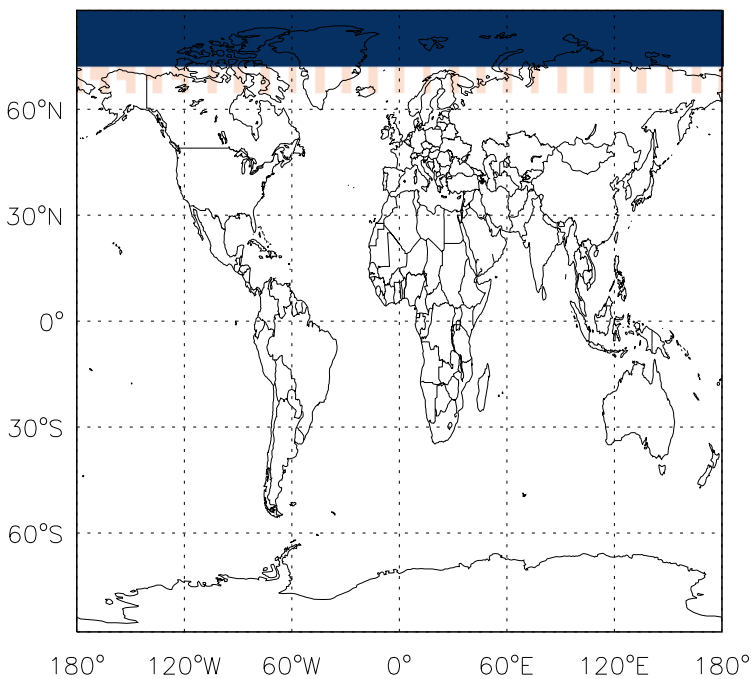
v11-01f-geosp-Run0 - v11-01d-Run1  
JACET - J-Value Ratio @ surface for Jan



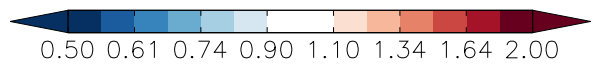
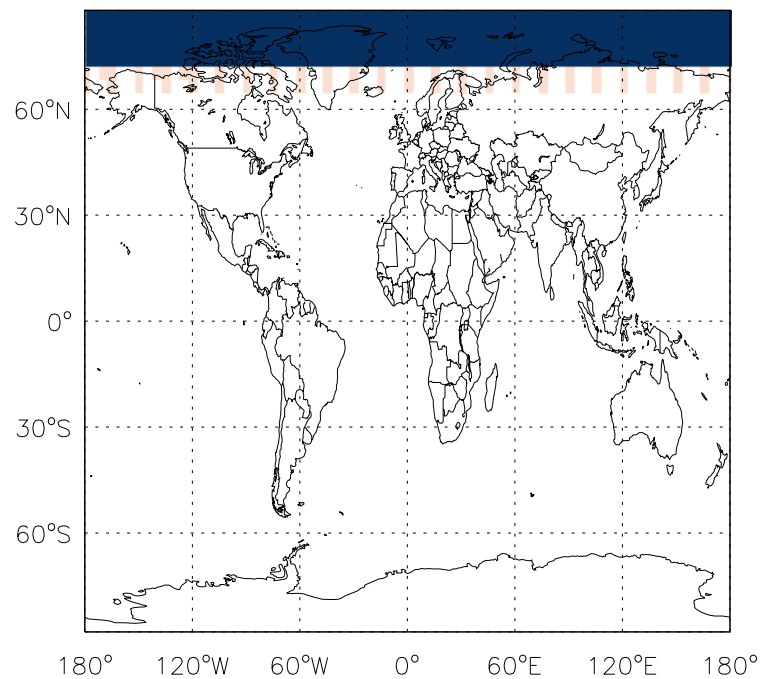
v11-01f-geosp-Run0 - v11-01d-Run1  
JACET - J-Value Ratio @ 500 hPa for Jan



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

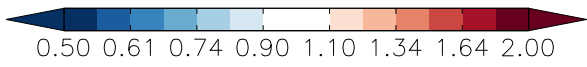
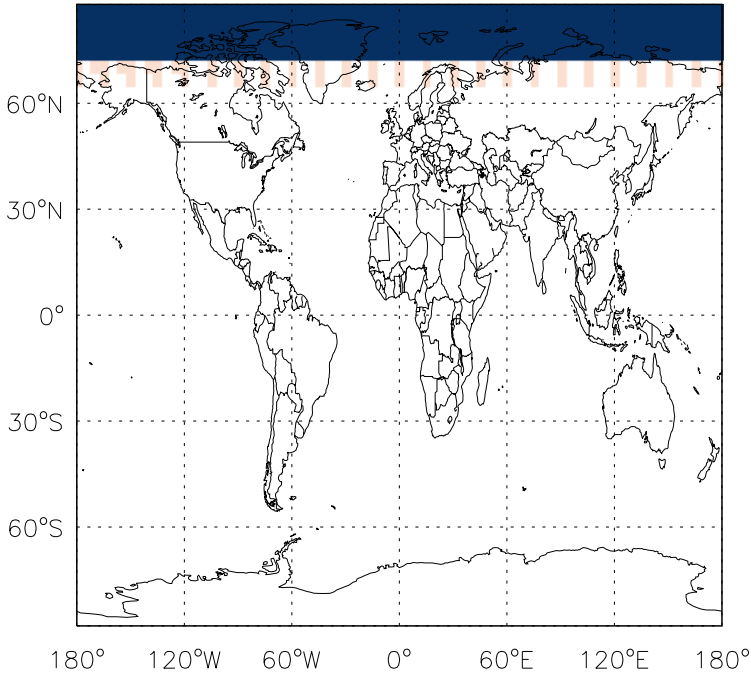


v11-01f-geosp-Run0 - v11-01b-Run0  
JACET - J-Value Ratio @ 500 hPa for Jan

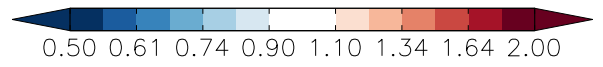
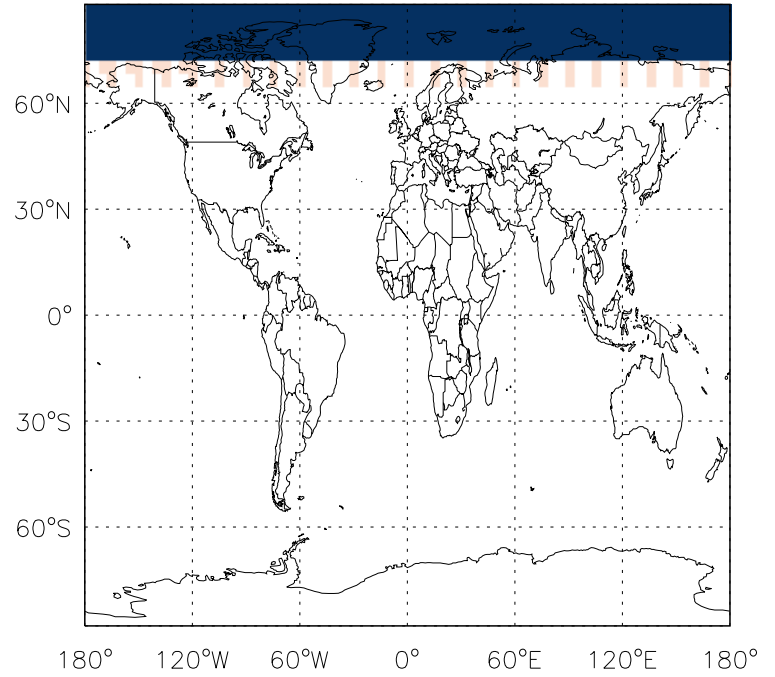


GEOS-Chem J-Values at surface and 500 hPa

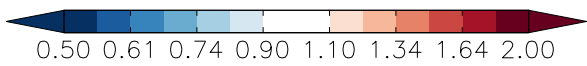
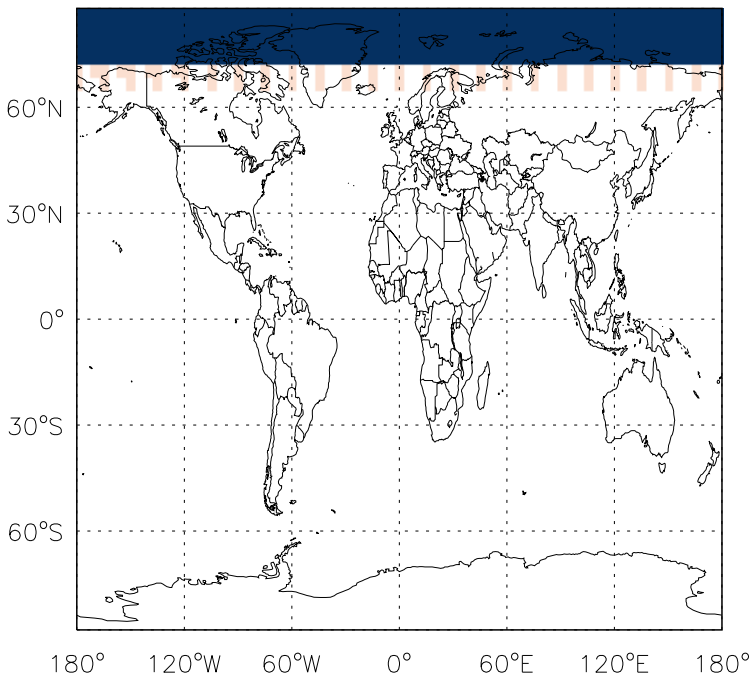
v11-01f-geosp-Run0 - v11-01d-Run1  
JALD2 - J-Value Ratio @ surface for Jan



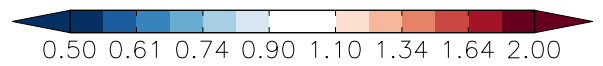
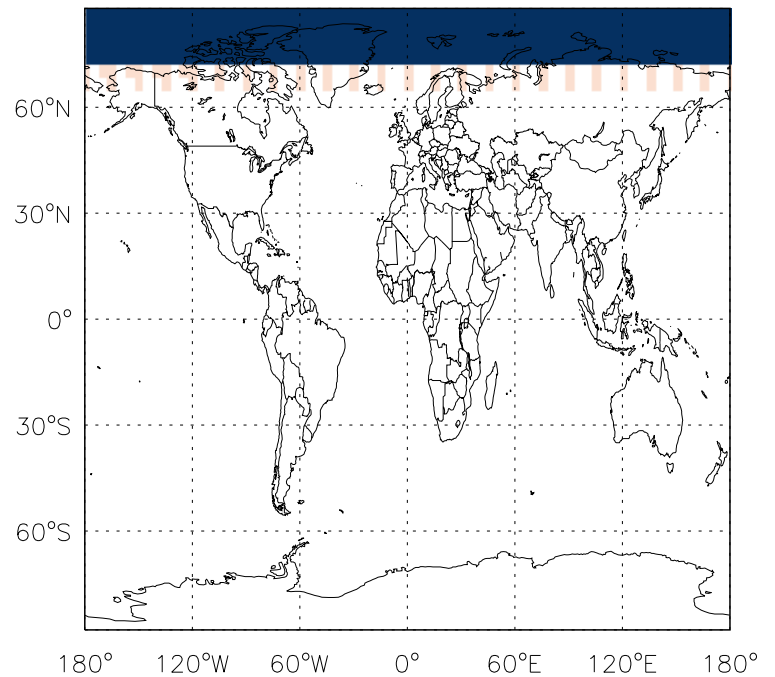
v11-01f-geosp-Run0 - v11-01d-Run1  
JALD2 - J-Value Ratio @ 500 hPa for Jan



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

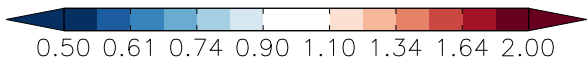
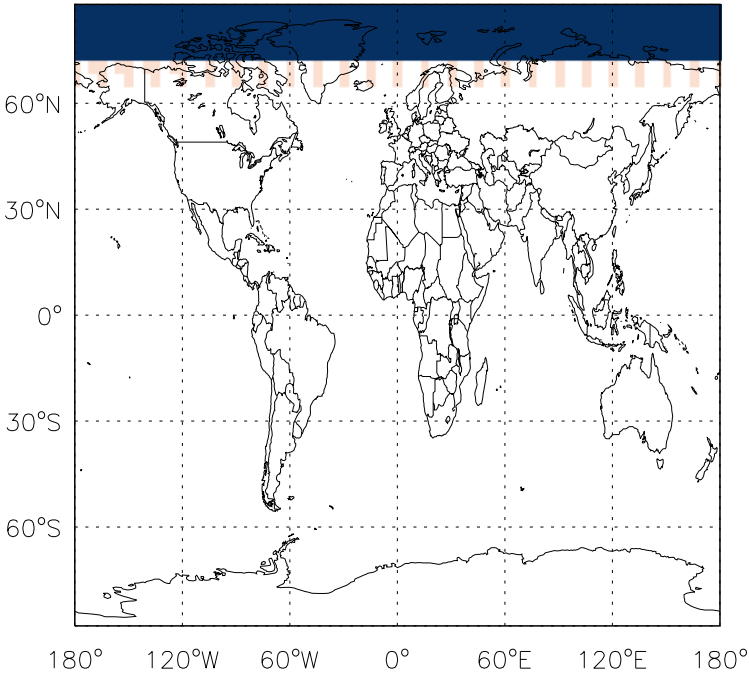


v11-01f-geosp-Run0 - v11-01b-Run0  
JALD2 - J-Value Ratio @ 500 hPa for Jan

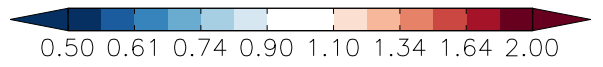
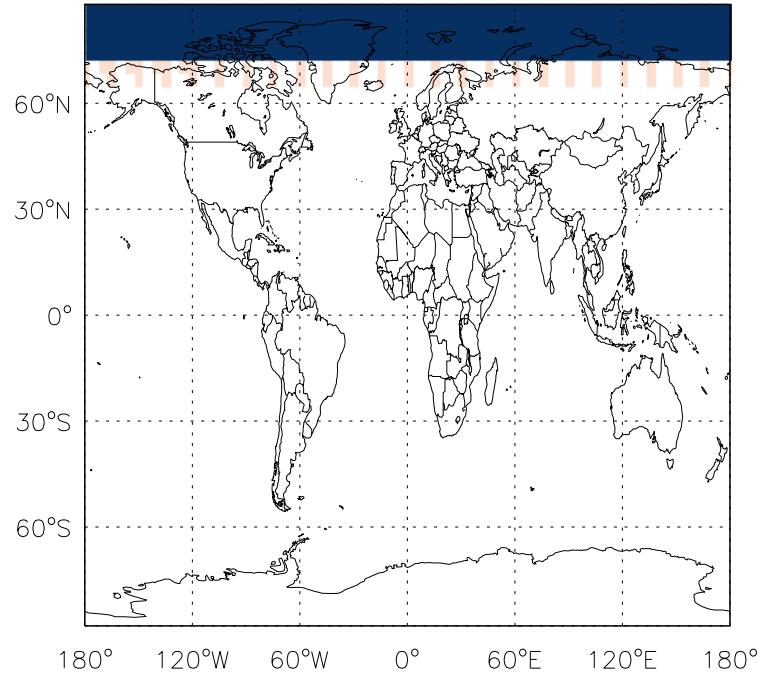


GEOS-Chem J-Values at surface and 500 hPa

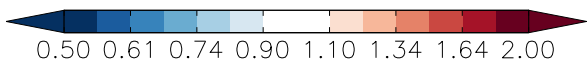
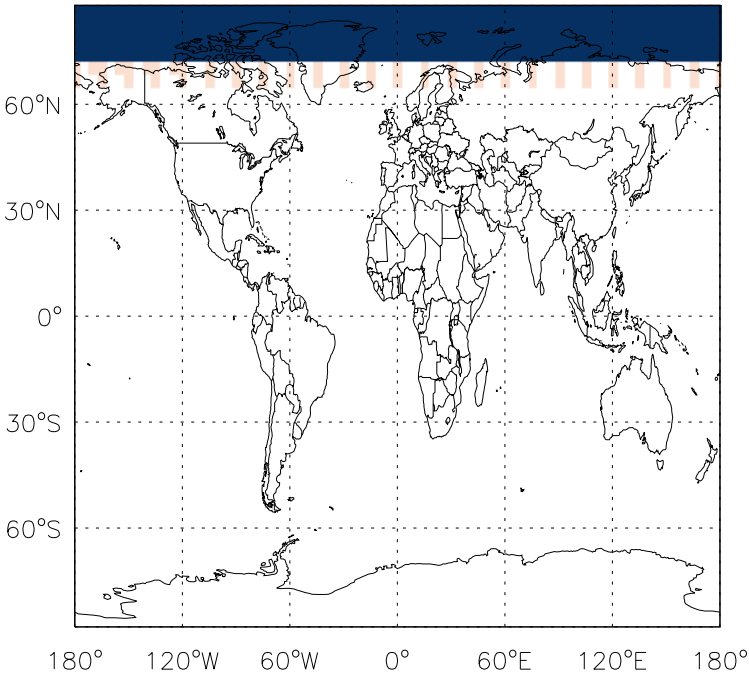
v11-01f-geosp-Run0 - v11-01d-Run1  
JMK - J-Value Ratio @ surface for Jan



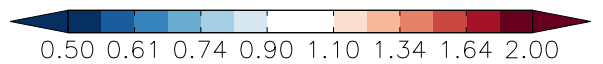
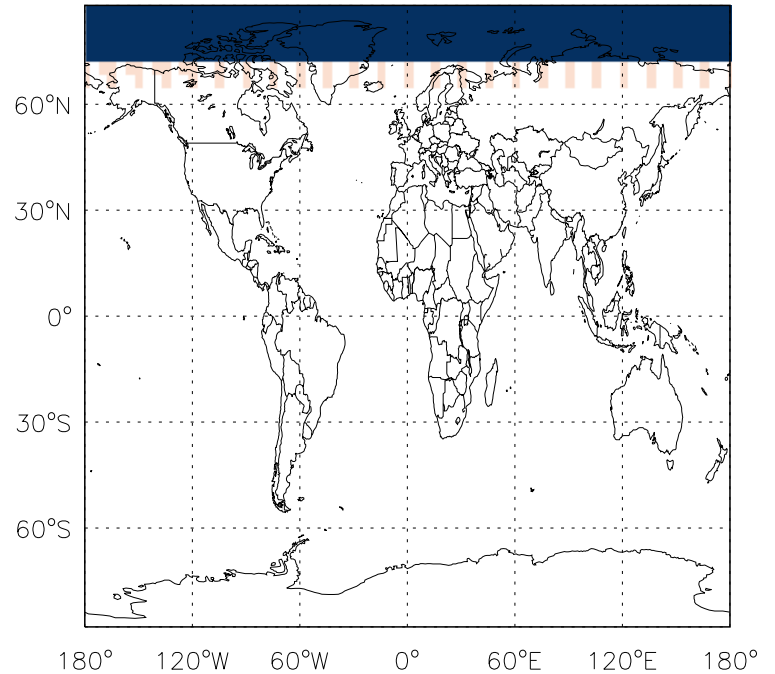
v11-01f-geosp-Run0 - v11-01d-Run1  
JMK - J-Value Ratio @ 500 hPa for Jan



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



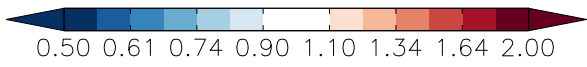
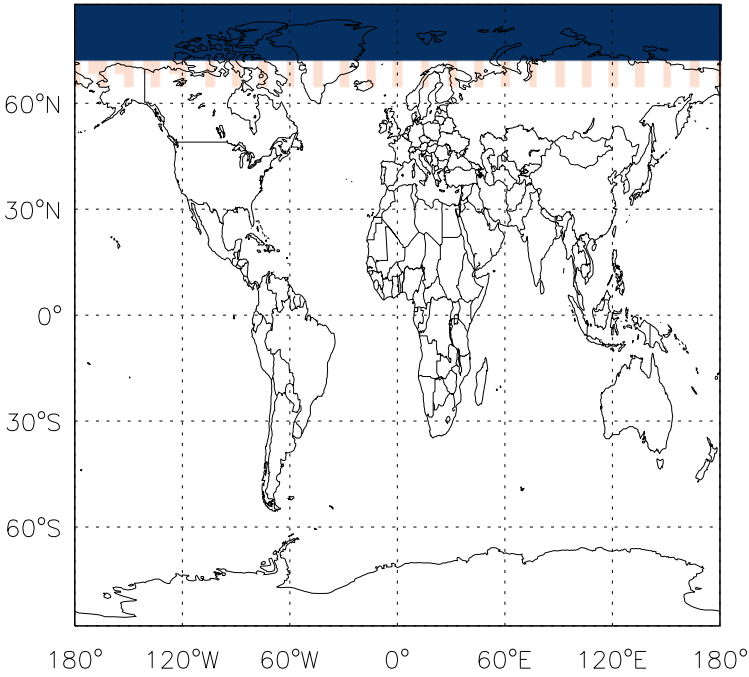
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JMK - J-Value Ratio @ 500 hPa for Jan



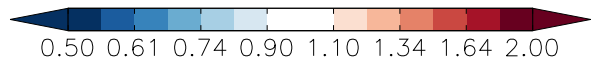
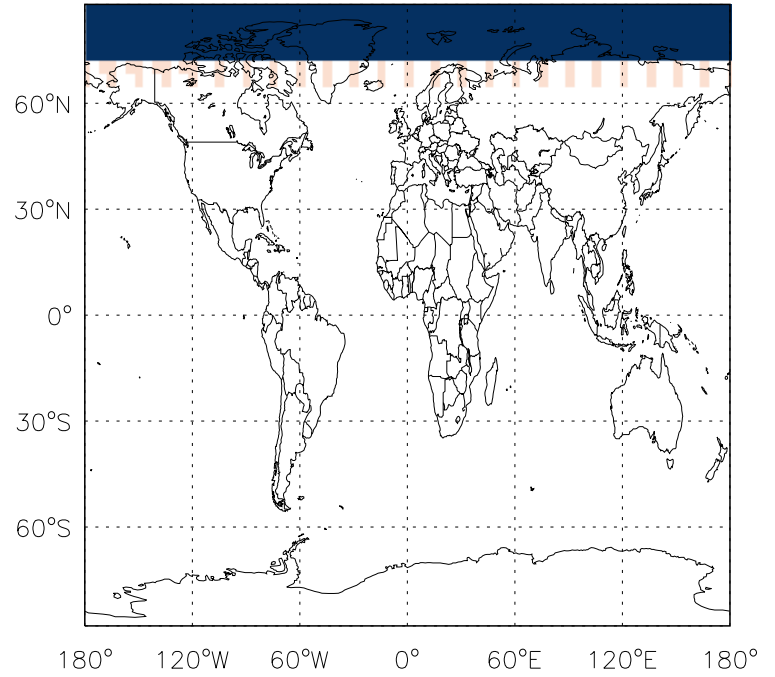


GEOS-Chem J-Values at surface and 500 hPa

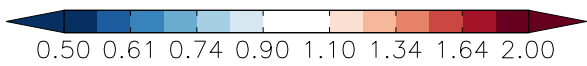
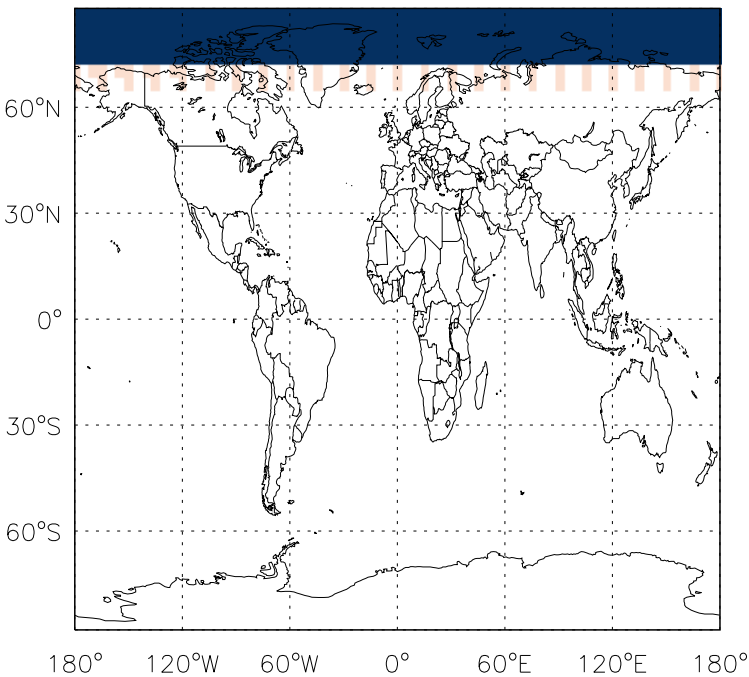
v11-01f-geosp-Run0 - v11-01d-Run1  
JMACR - J-Value Ratio @ surface for Jan



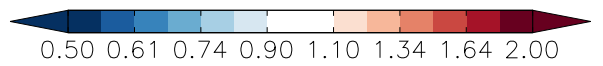
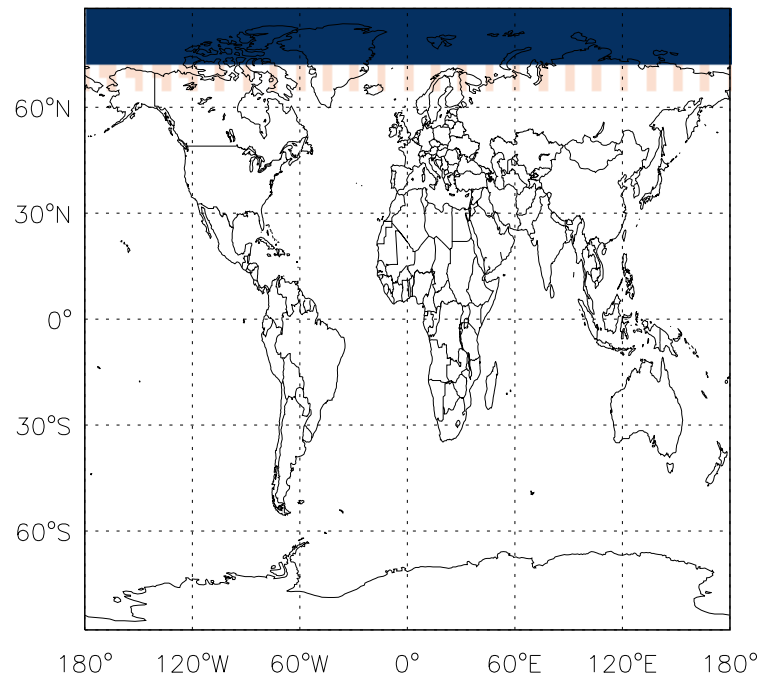
v11-01f-geosp-Run0 - v11-01d-Run1  
JMACR - J-Value Ratio @ 500 hPa for Jan



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

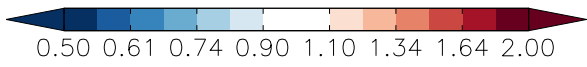
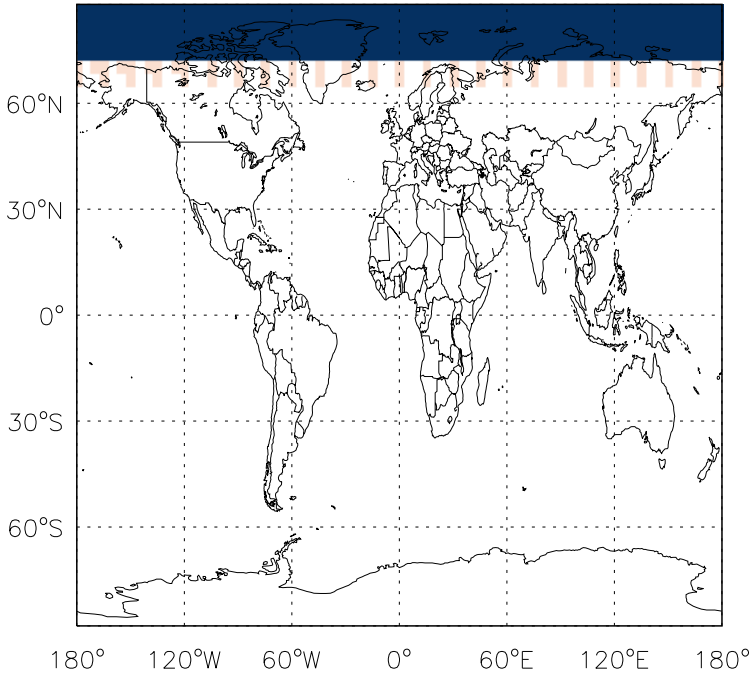


v11-01f-geosp-Run0 - v11-01b-Run0  
JMACR - J-Value Ratio @ 500 hPa for Jan

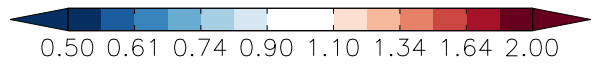
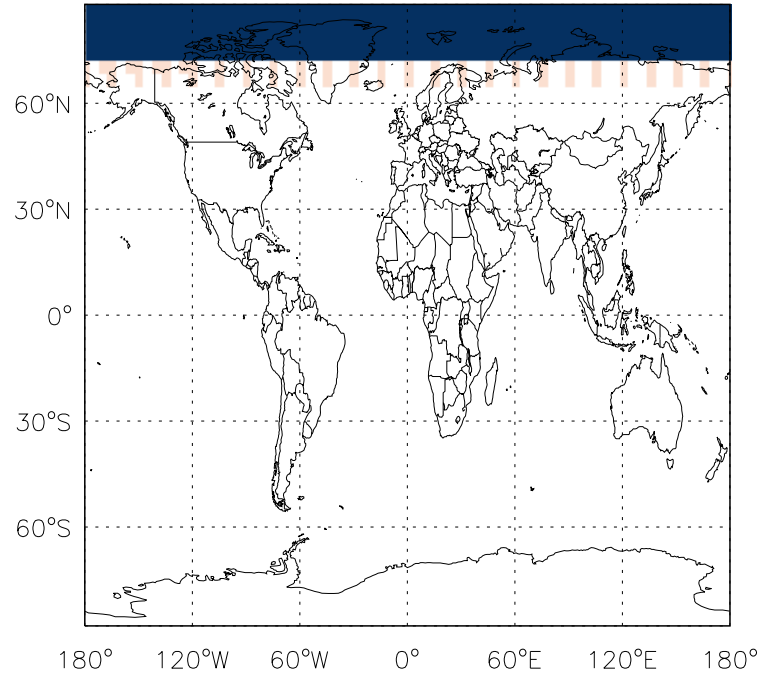


GEOS-Chem J-Values at surface and 500 hPa

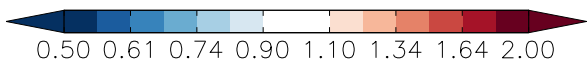
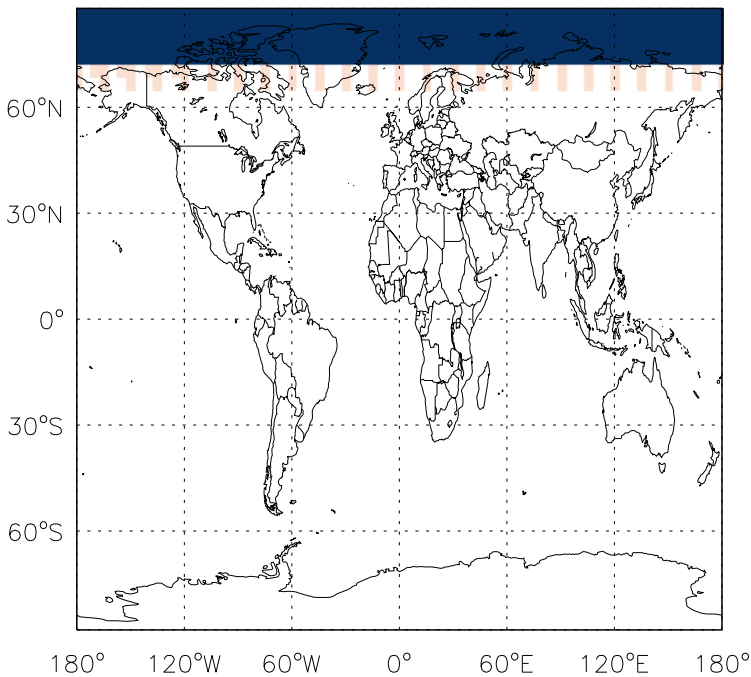
v11-01f-geosp-Run0 - v11-01d-Run1  
JCH20 - J-Value Ratio @ surface for Jan



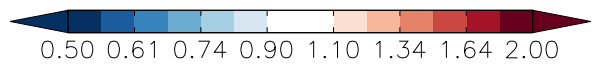
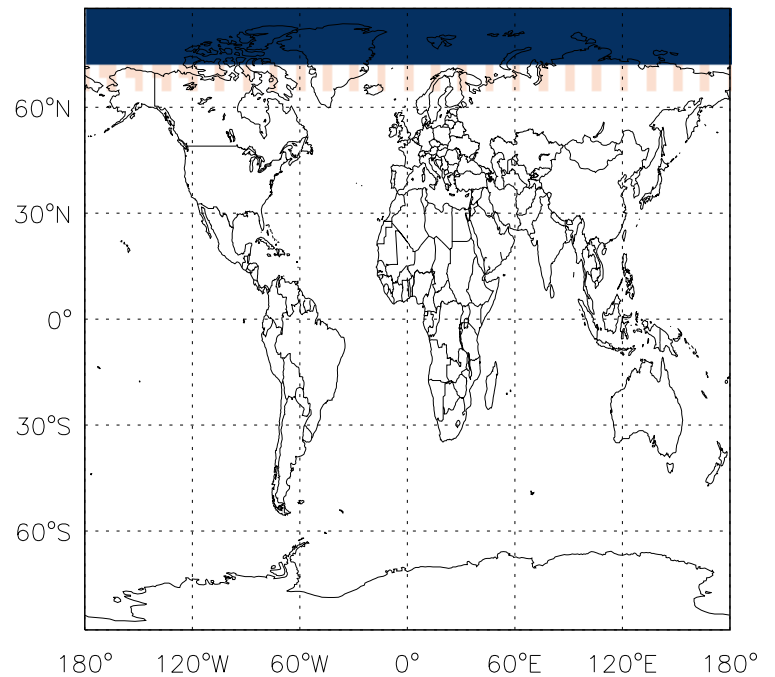
v11-01f-geosp-Run0 - v11-01d-Run1  
JCH20 - J-Value Ratio @ 500 hPa for Jan



v11-01f-geosp-Run0 - v11-01b-Run0  
JCH20 - J-Value Ratio @ surface for Jan

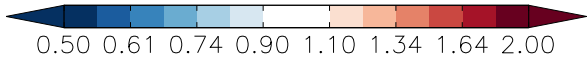
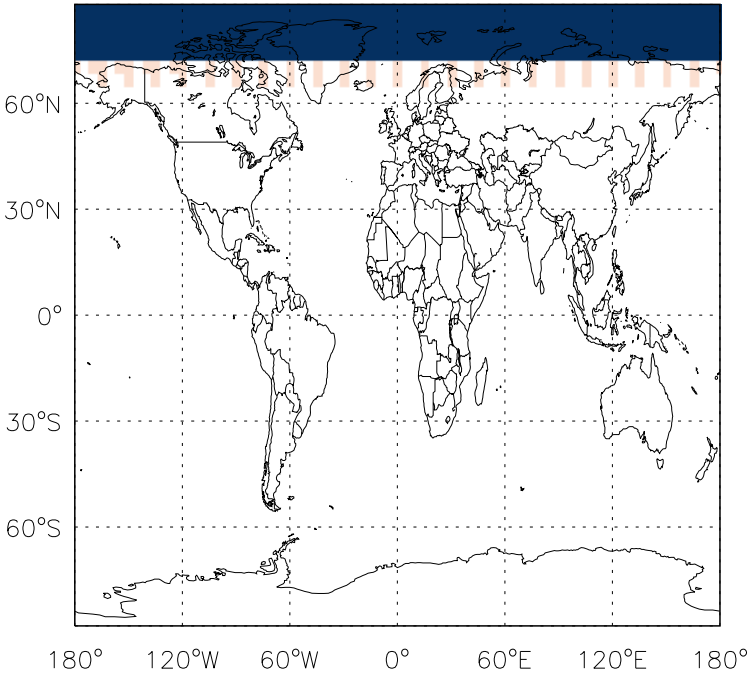


v11-01f-geosp-Run0 - v11-01b-Run0  
JCH20 - J-Value Ratio @ 500 hPa for Jan

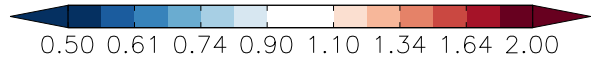
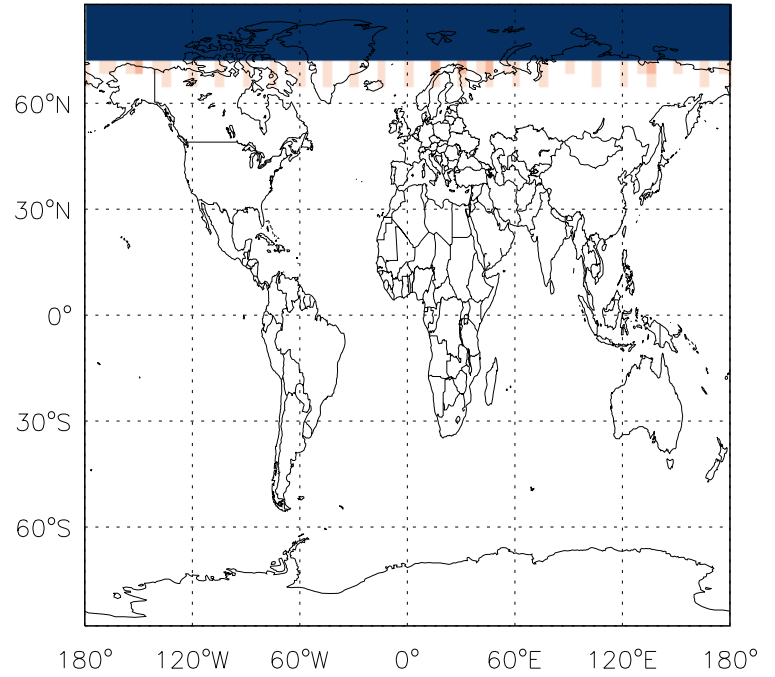


GEOS-Chem J-Values at surface and 500 hPa

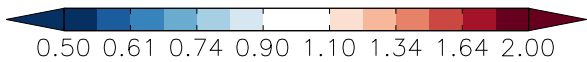
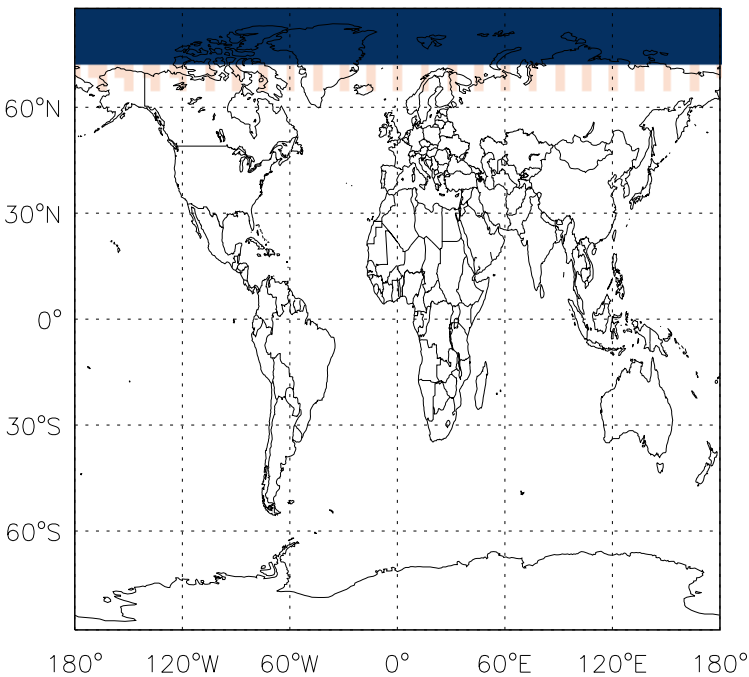
v11-01f-geosp-Run0 - v11-01d-Run1  
JBr2 - J-Value Ratio @ surface for Jan



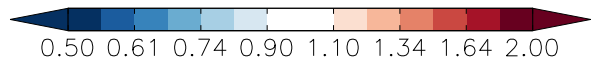
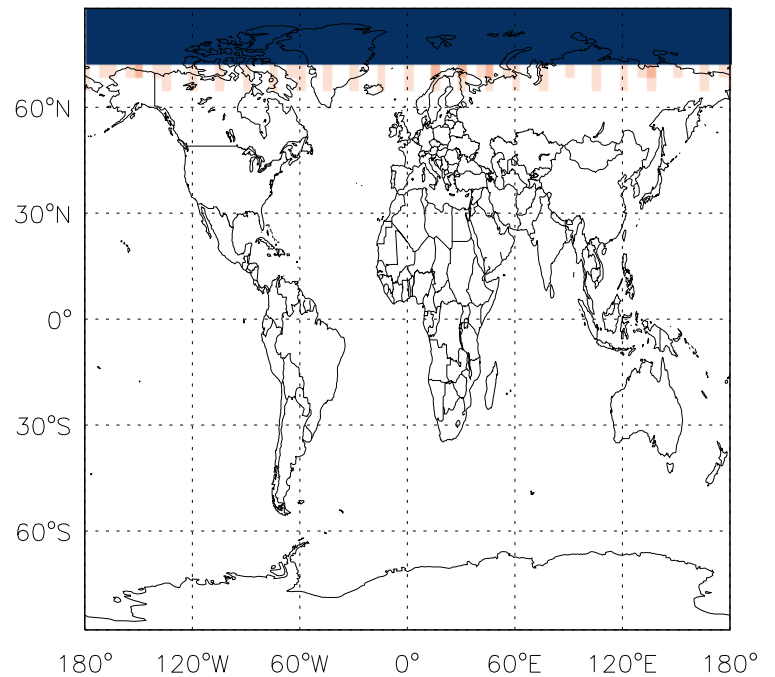
v11-01f-geosp-Run0 - v11-01d-Run1  
JBr2 - J-Value Ratio @ 500 hPa for Jan



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

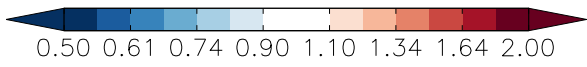
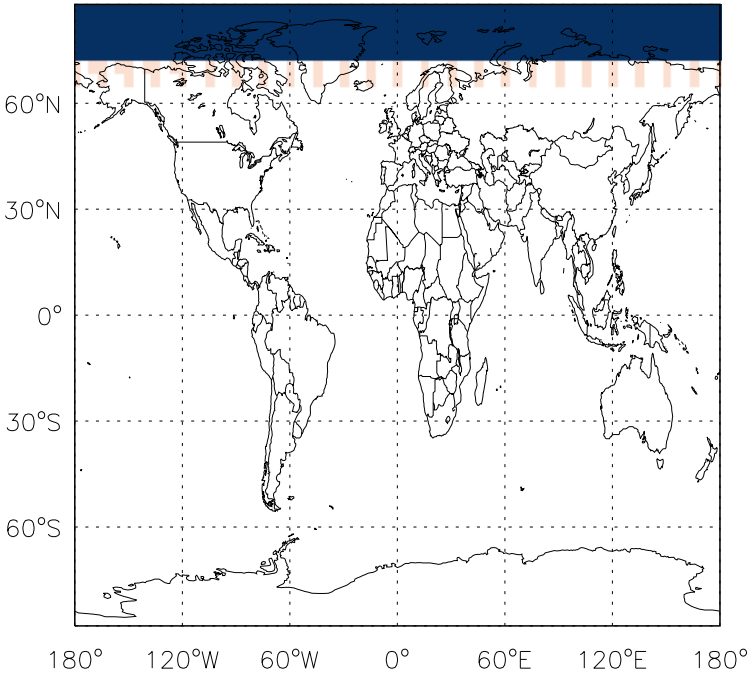


v11-01f-geosp-Run0 - v11-01b-Run0  
JBr2 - J-Value Ratio @ 500 hPa for Jan

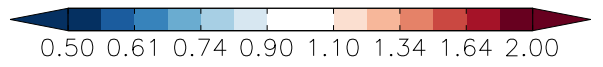
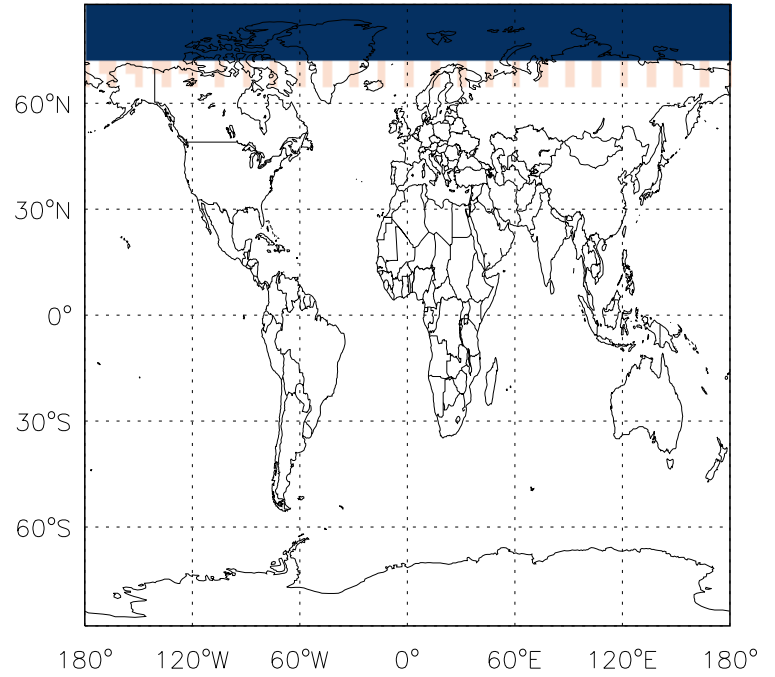


GEOS-Chem J-Values at surface and 500 hPa

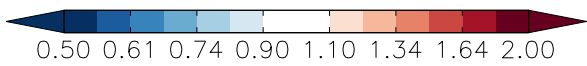
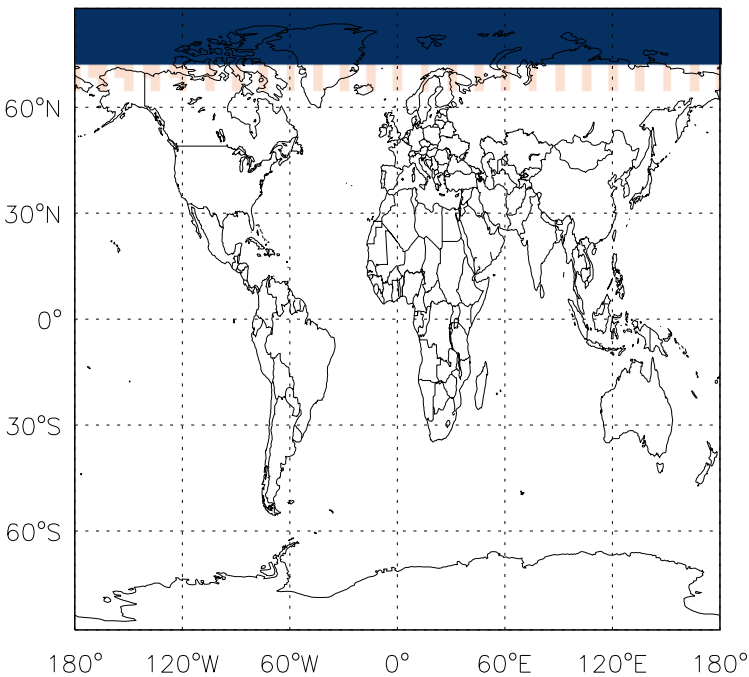
v11-01f-geosp-Run0 - v11-01d-Run1  
JBr0 - J-Value Ratio @ surface for Jan



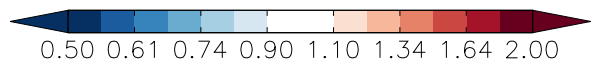
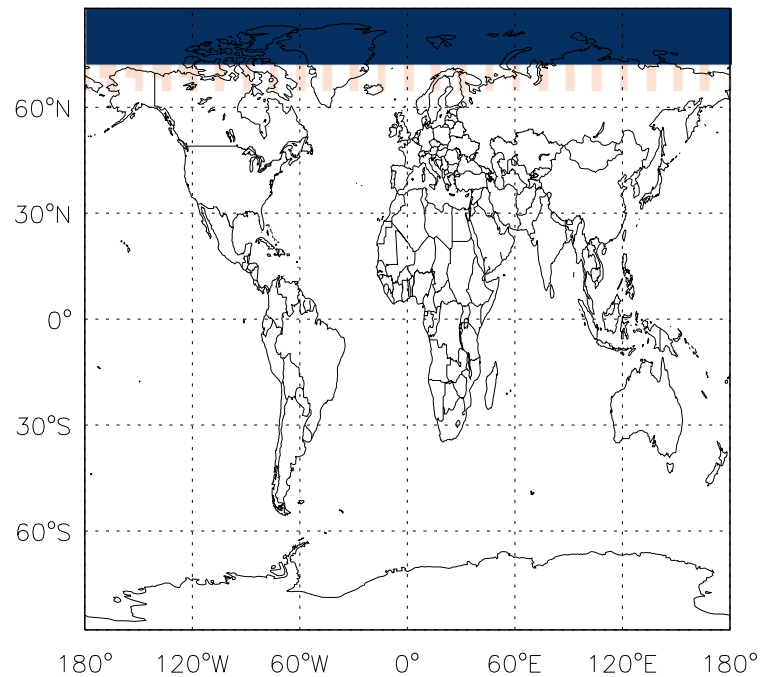
v11-01f-geosp-Run0 - v11-01d-Run1  
JBr0 - J-Value Ratio @ 500 hPa for Jan



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

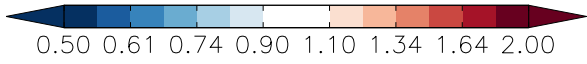
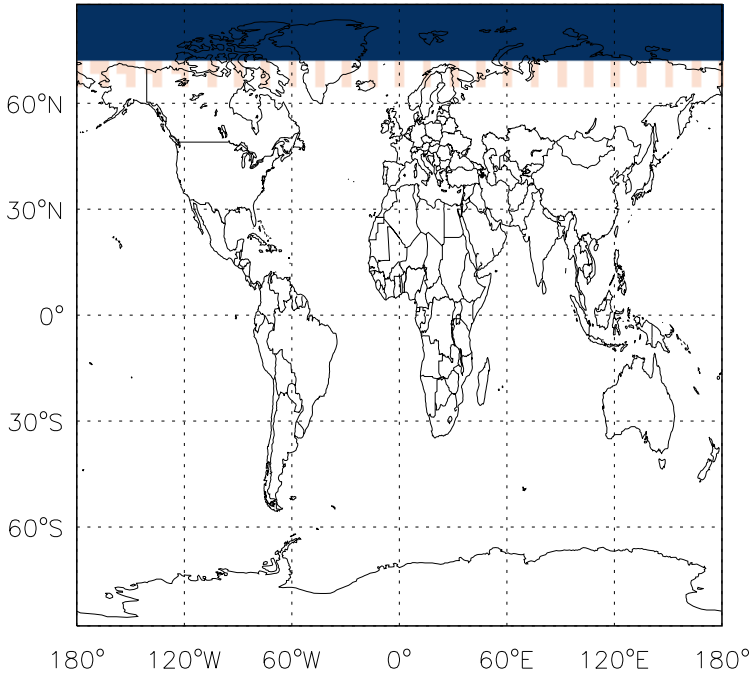


v11-01f-geosp-Run0 - v11-01b-Run0  
JBr0 - J-Value Ratio @ 500 hPa for Jan

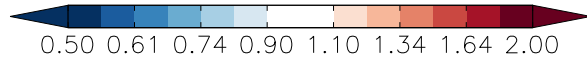
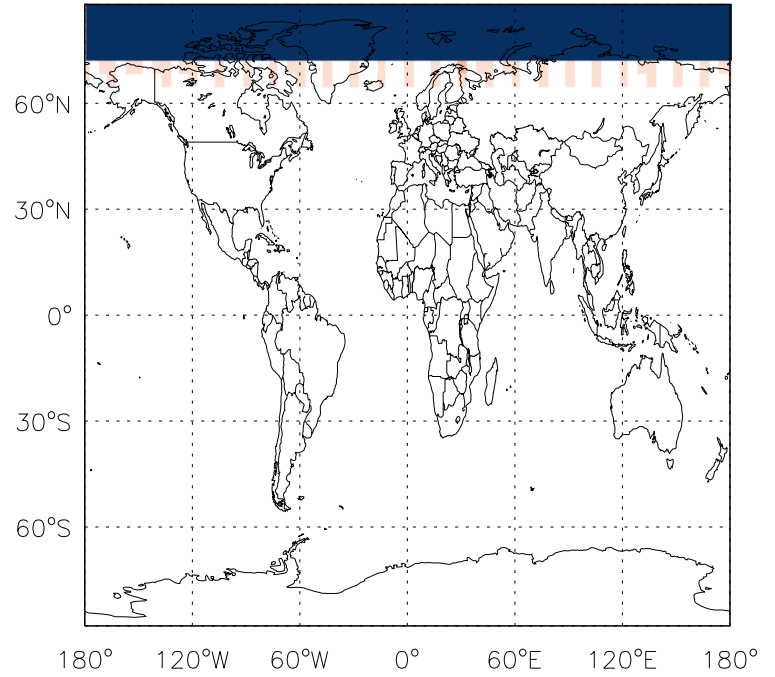


GEOS-Chem J-Values at surface and 500 hPa

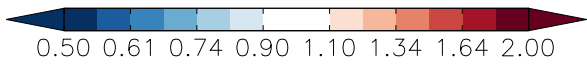
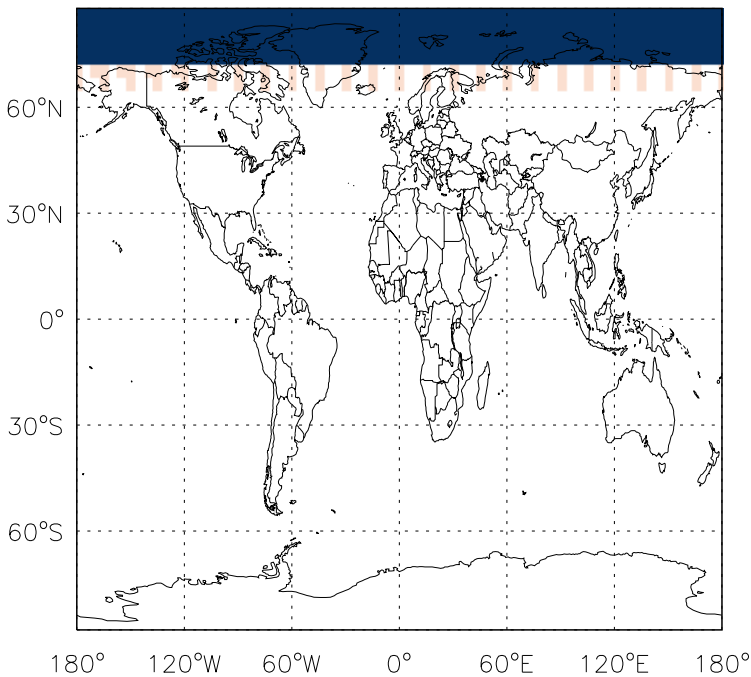
v11-01f-geosp-Run0 - v11-01d-Run1  
JHOBr - J-Value Ratio @ surface for Jan



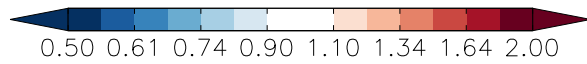
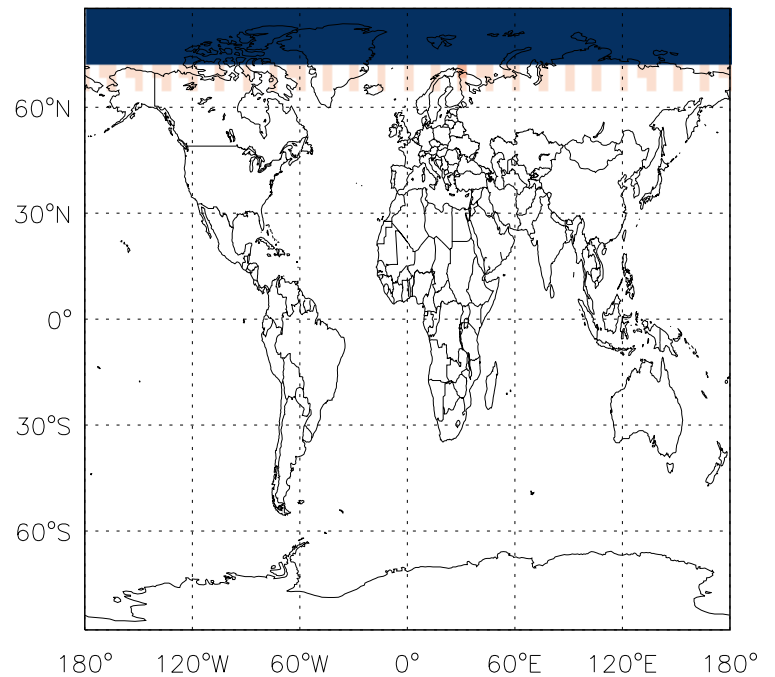
v11-01f-geosp-Run0 - v11-01d-Run1  
JHOBr - J-Value Ratio @ 500 hPa for Jan



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

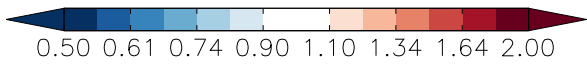
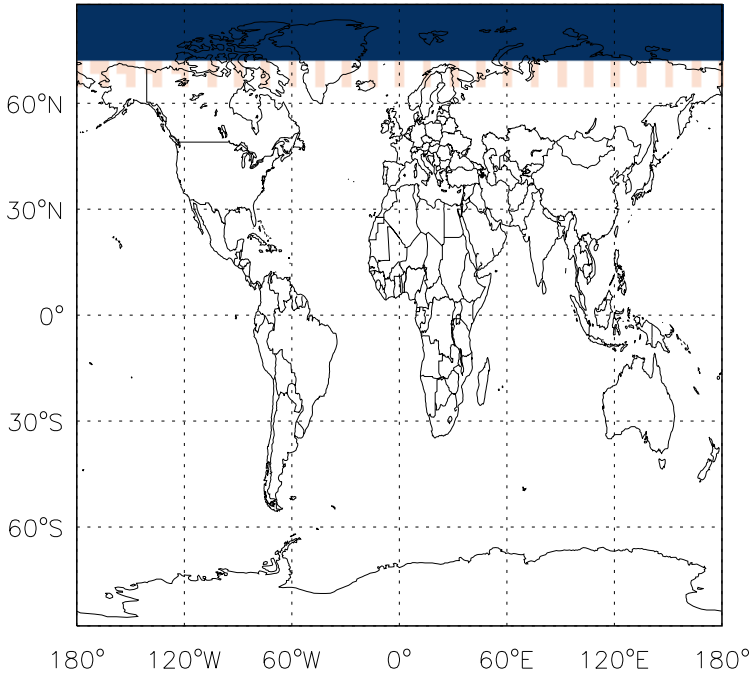


v11-01f-geosp-Run0 - v11-01b-Run0  
JHOBr - J-Value Ratio @ 500 hPa for Jan

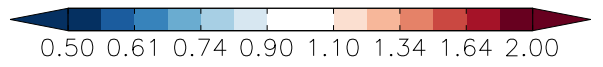
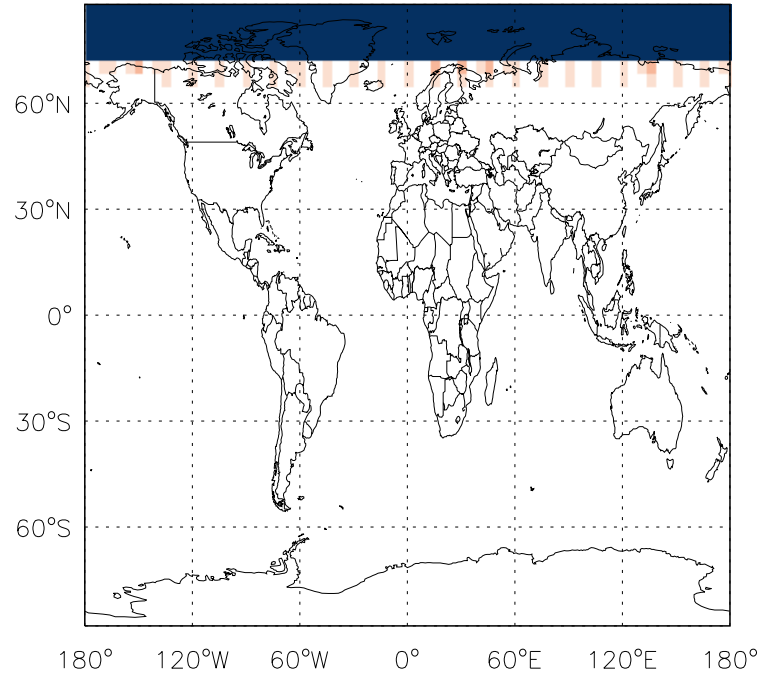


GEOS-Chem J-Values at surface and 500 hPa

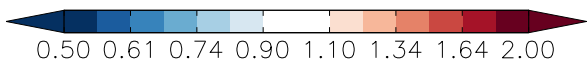
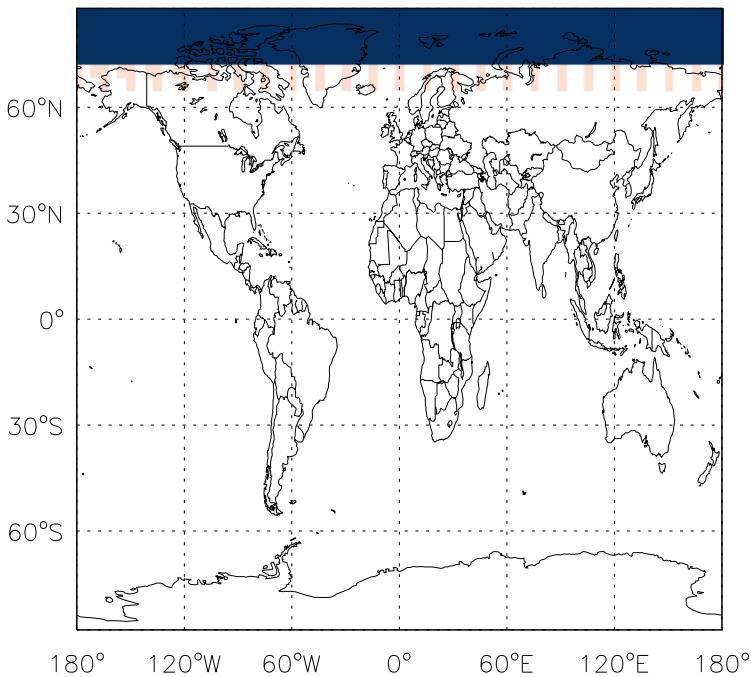
v11-01f-geosp-Run0 - v11-01d-Run1  
JBrNO2 - J-Value Ratio @ surface for Jan



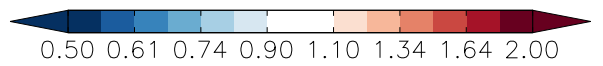
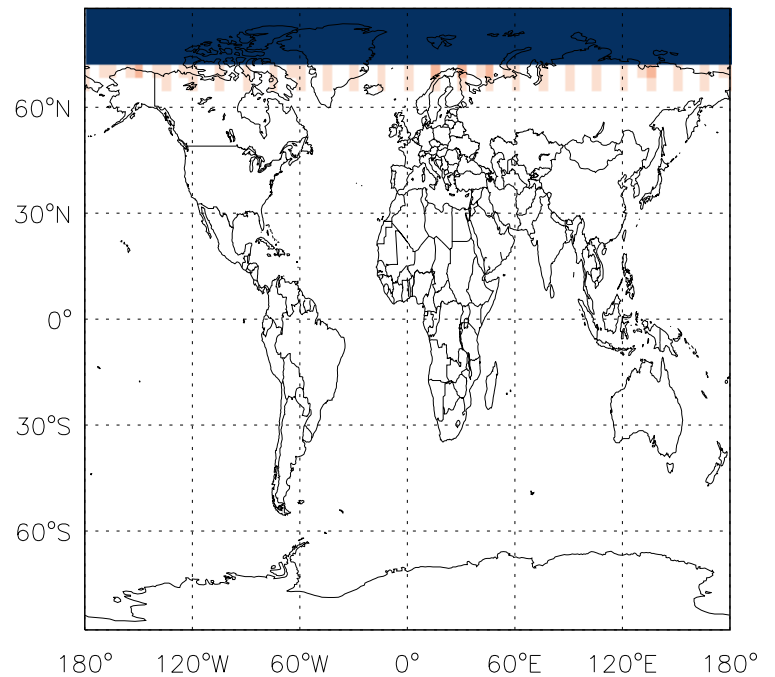
v11-01f-geosp-Run0 - v11-01d-Run1  
JBrNO2 - J-Value Ratio @ 500 hPa for Jan



v11-01f-geosp-Run0 - v11-01b-Run0  
JBrNO2 - J-Value Ratio @ surface for Jan

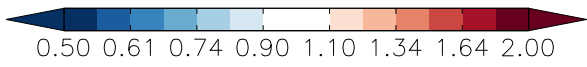
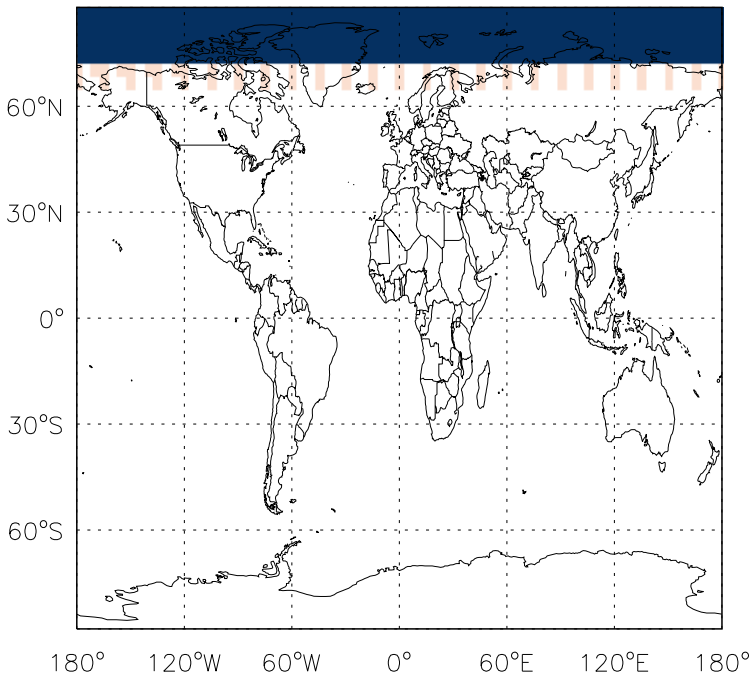


v11-01f-geosp-Run0 - v11-01b-Run0  
JBrNO2 - J-Value Ratio @ 500 hPa for Jan

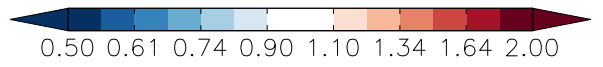
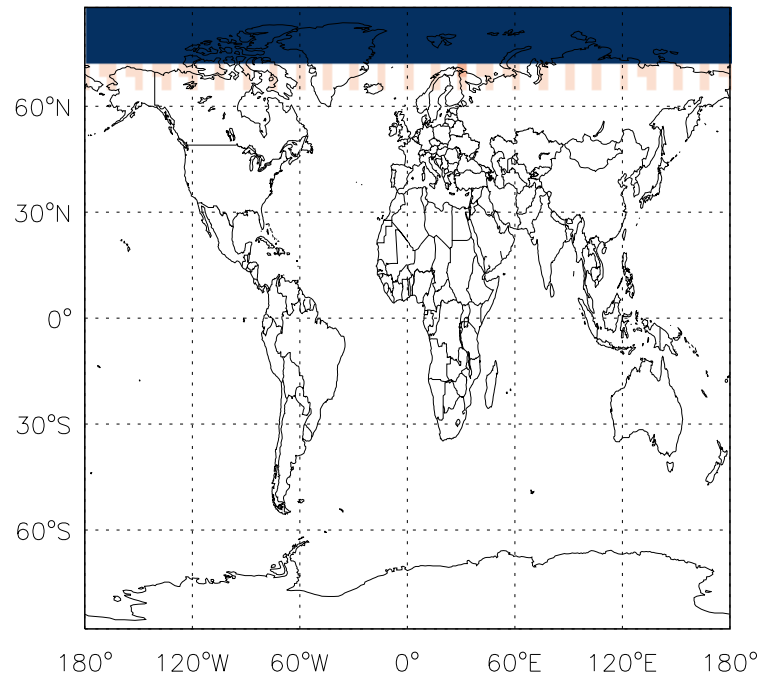


GEOS-Chem J-Values at surface and 500 hPa

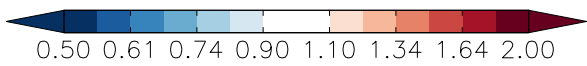
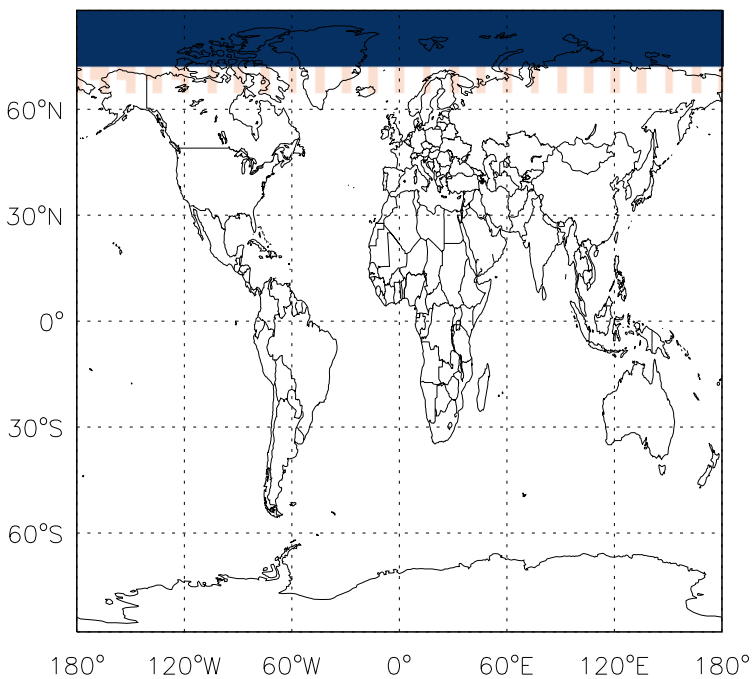
v11-01f-geosp-Run0 - v11-01d-Run1  
JBrNO3 - J-Value Ratio @ surface for Jan



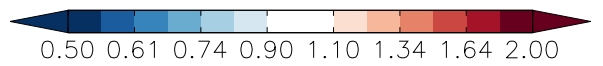
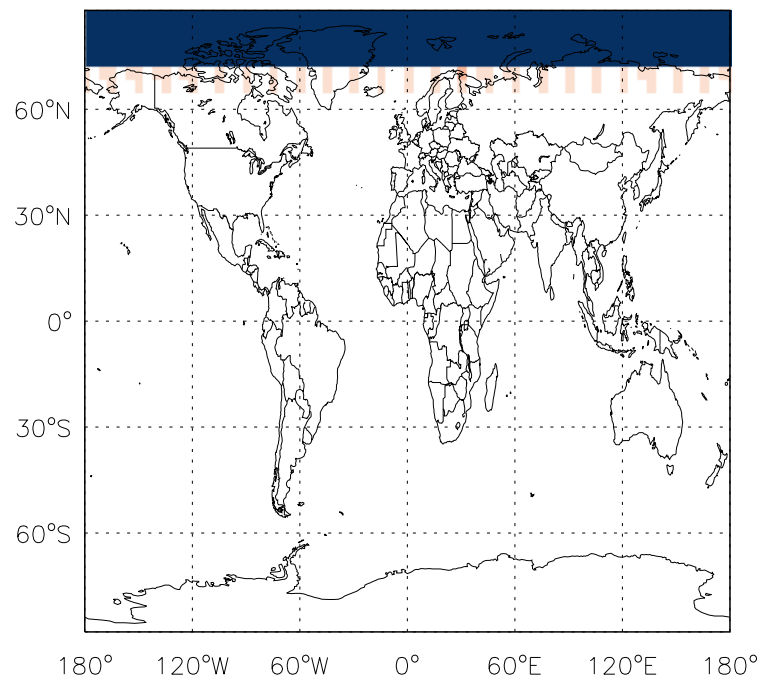
v11-01f-geosp-Run0 - v11-01d-Run1  
JBrNO3 - J-Value Ratio @ 500 hPa for Jan



v11-01f-geosp-Run0 - v11-01b-Run0  
JBrNO3 - J-Value Ratio @ surface for Jan

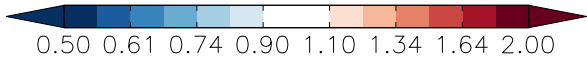
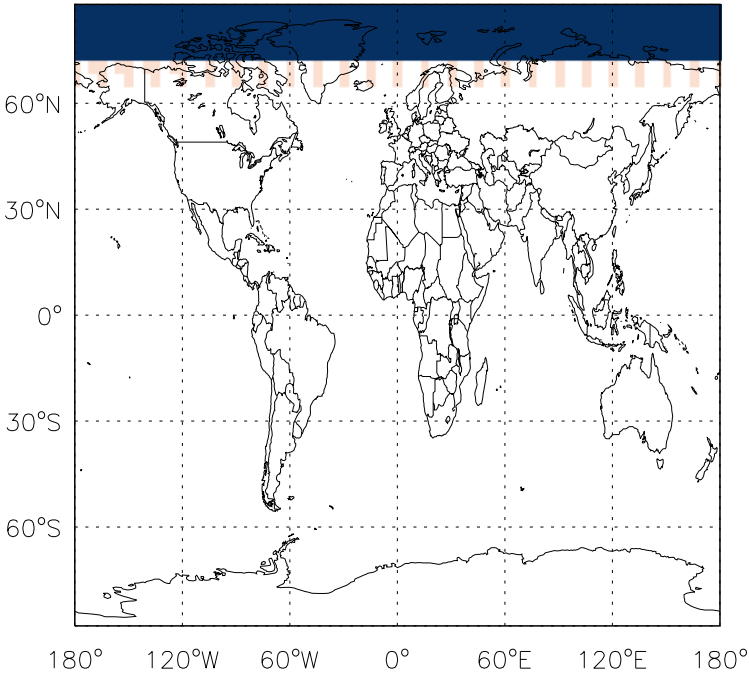


v11-01f-geosp-Run0 - v11-01b-Run0  
JBrNO3 - J-Value Ratio @ 500 hPa for Jan

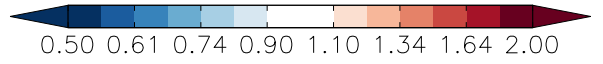
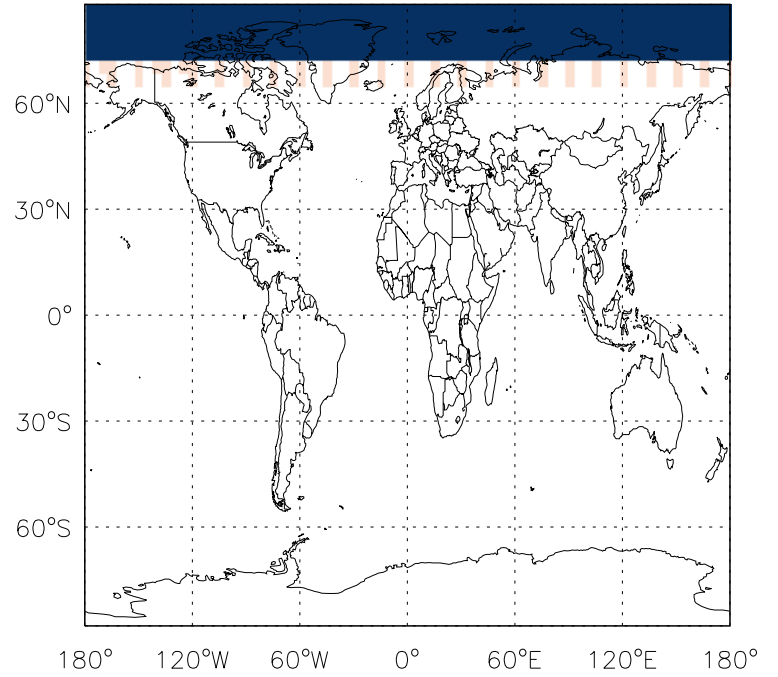


GEOS-Chem J-Values at surface and 500 hPa

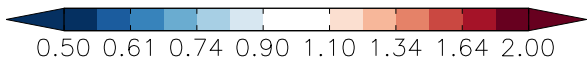
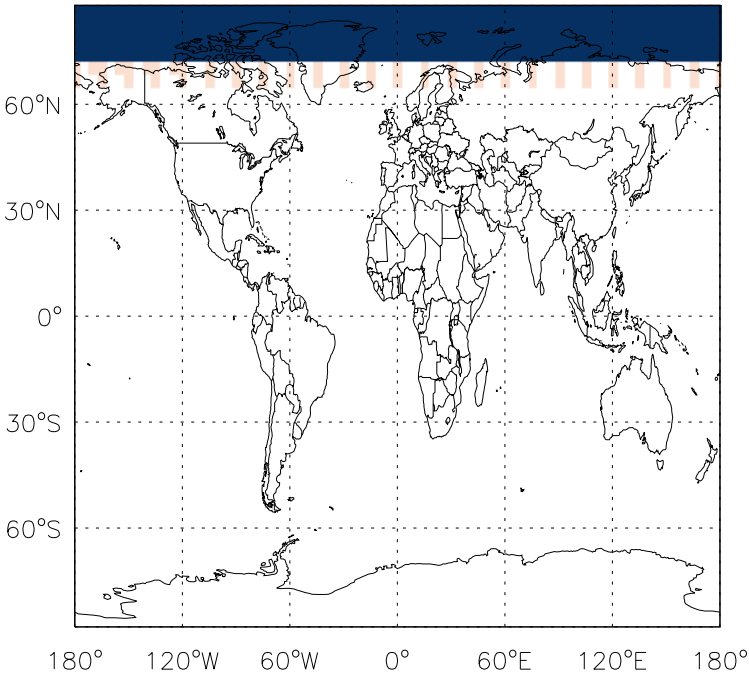
v11-01f-geosp-Run0 - v11-01d-Run1  
JCHBr3 - J-Value Ratio @ surface for Jan



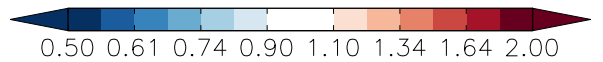
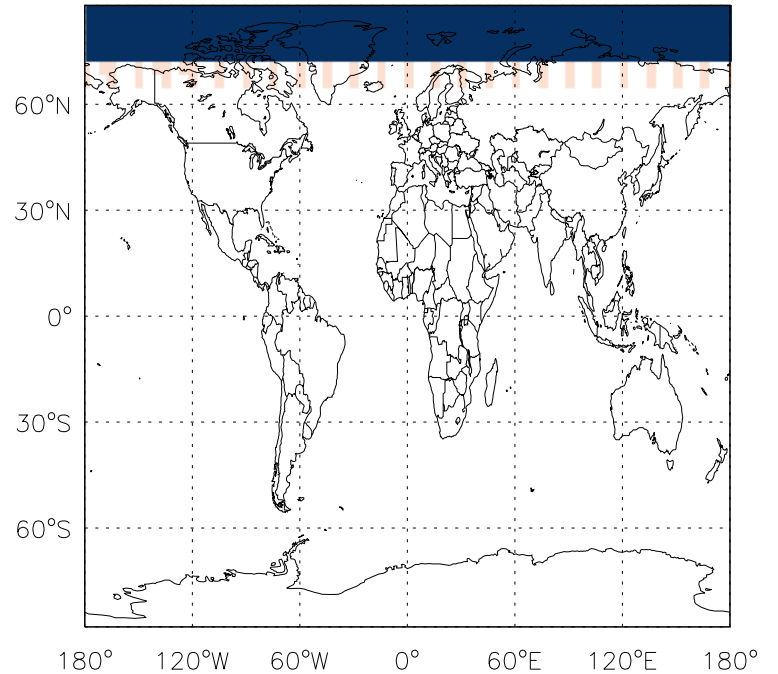
v11-01f-geosp-Run0 - v11-01d-Run1  
JCHBr3 - J-Value Ratio @ 500 hPa for Jan



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



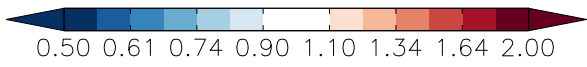
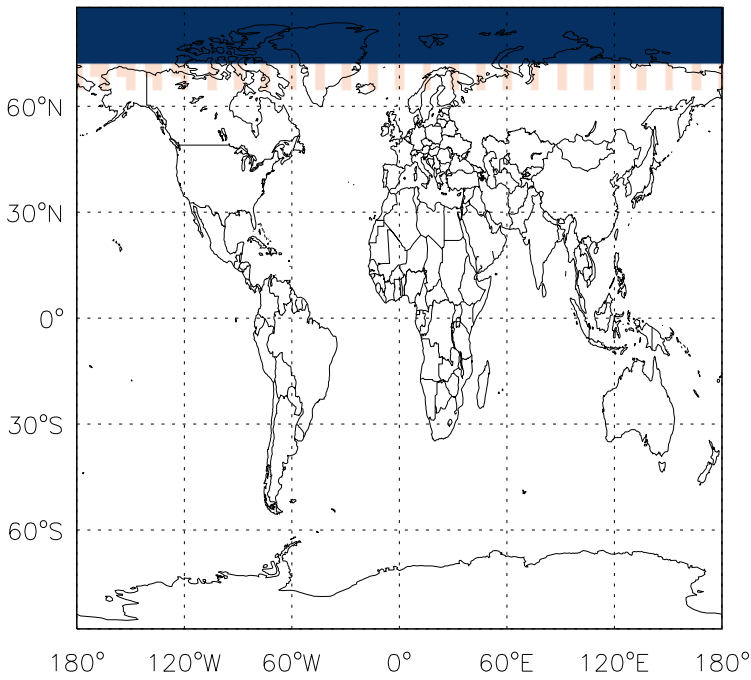
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JCHBr3 - J-Value Ratio @ 500 hPa for Jan



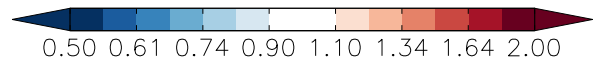
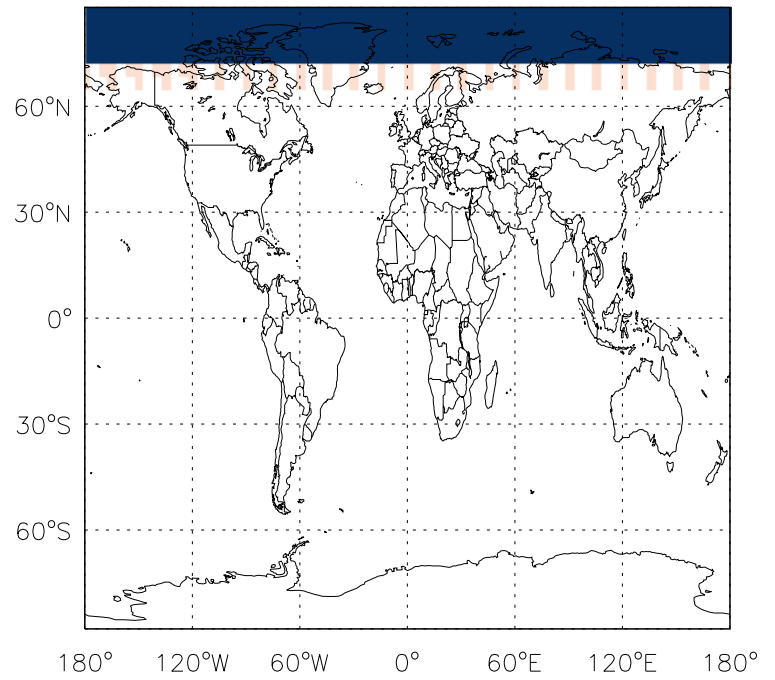


GEOS-Chem J-Values at surface and 500 hPa

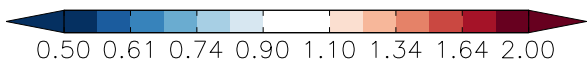
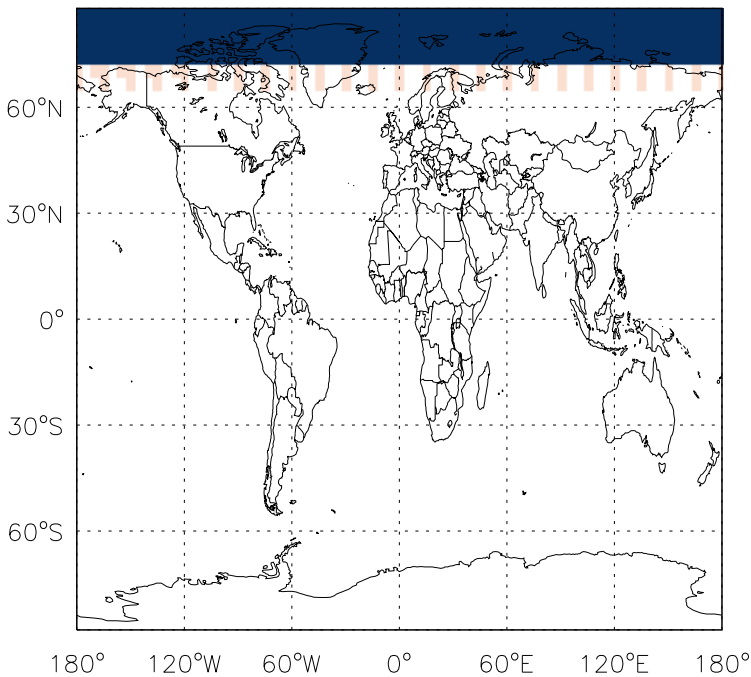
v11-01f-geosp-Run0 - v11-01d-Run1  
JHAC - J-Value Ratio @ surface for Jan



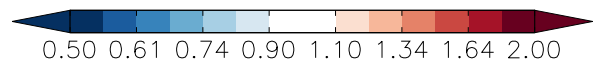
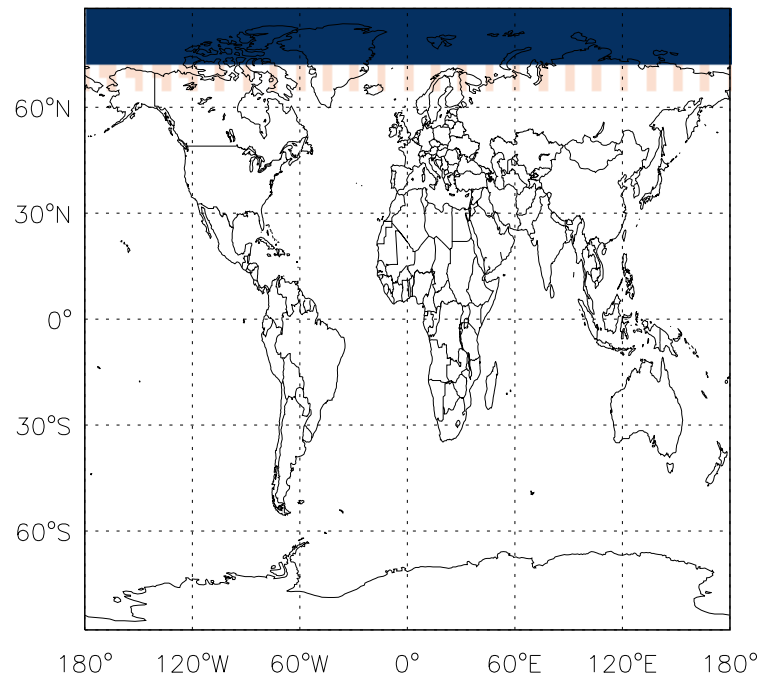
v11-01f-geosp-Run0 - v11-01d-Run1  
JHAC - J-Value Ratio @ 500 hPa for Jan



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

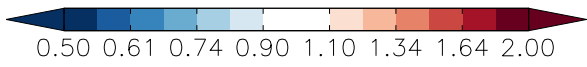
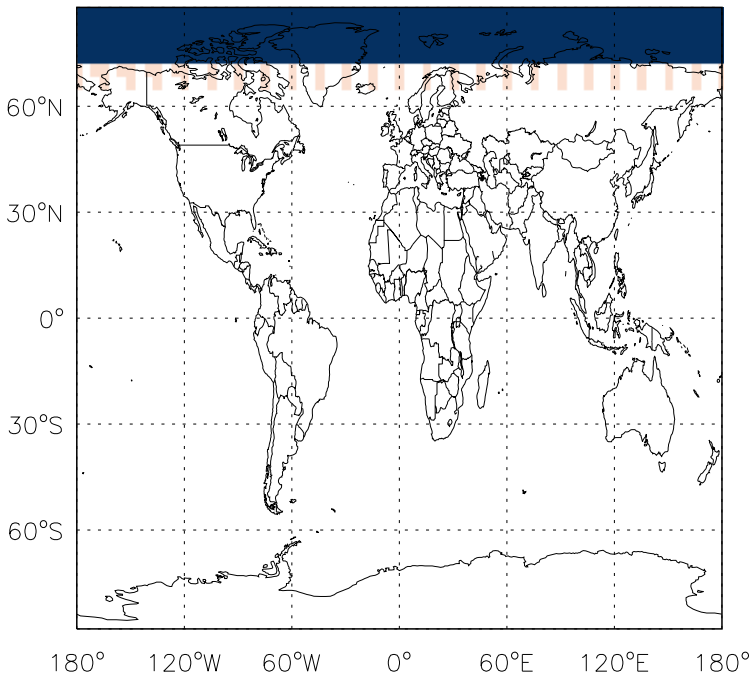


v11-01f-geosp-Run0 - v11-01b-Run0  
JHAC - J-Value Ratio @ 500 hPa for Jan

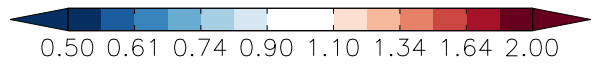
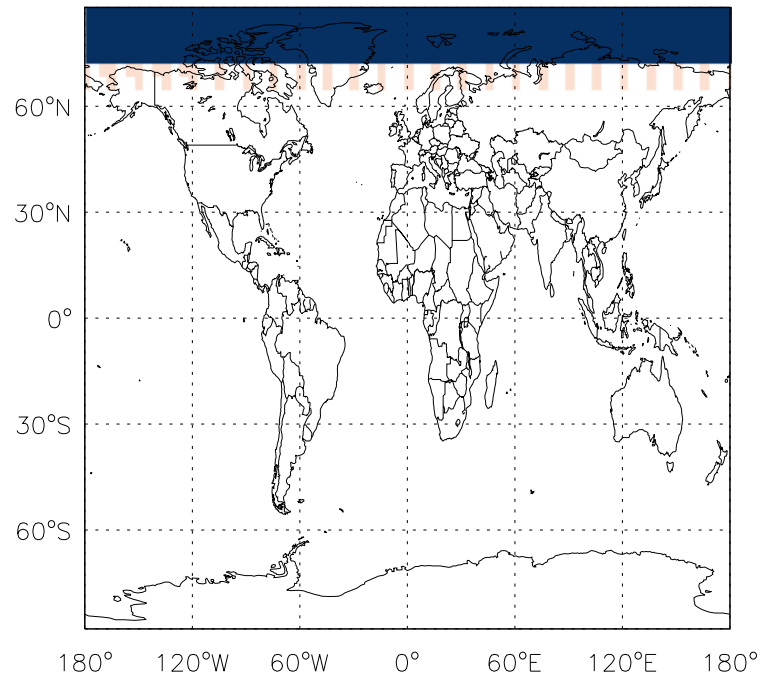


GEOS-Chem J-Values at surface and 500 hPa

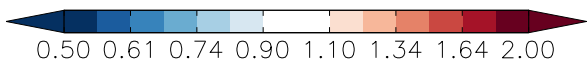
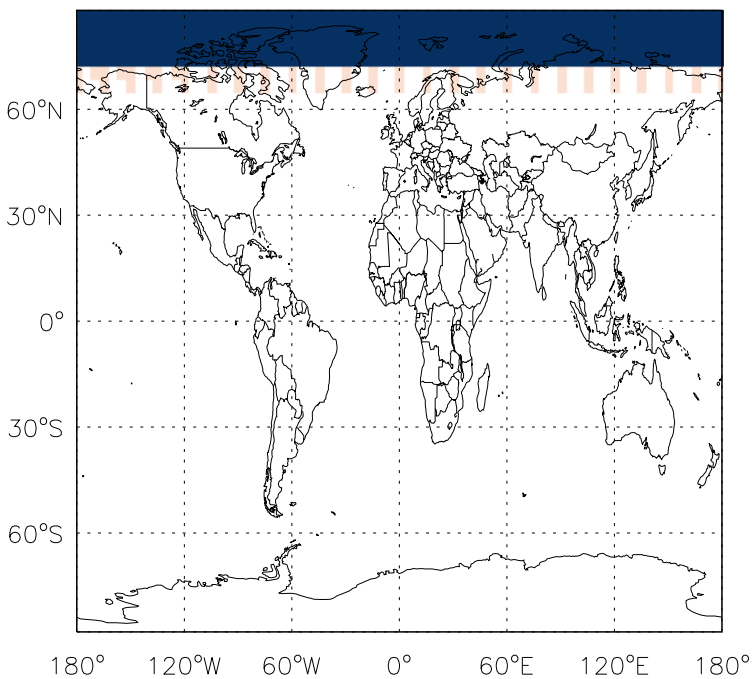
v11-01f-geosp-Run0 - v11-01d-Run1  
JGLYC - J-Value Ratio @ surface for Jan



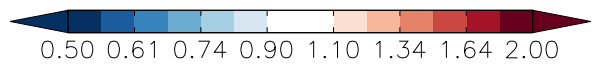
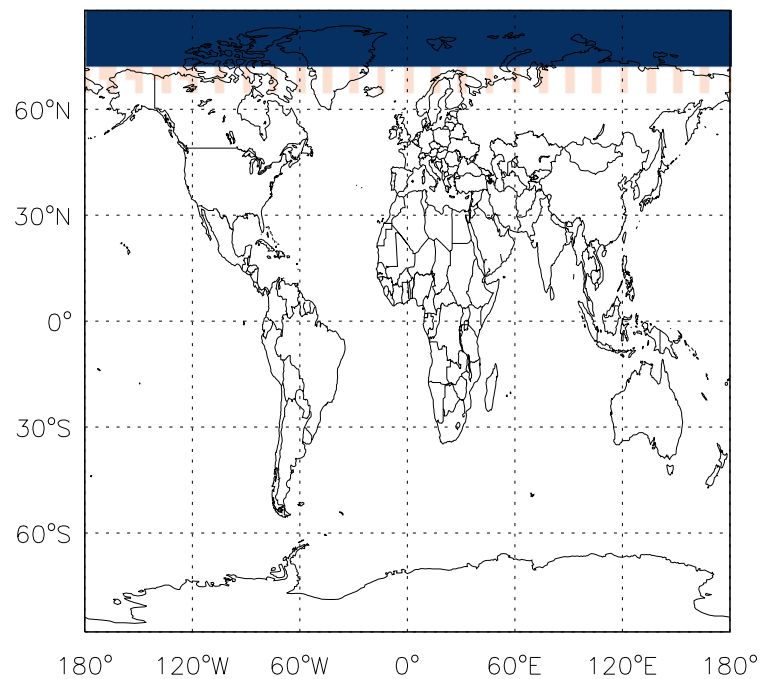
v11-01f-geosp-Run0 - v11-01d-Run1  
JGLYC - J-Value Ratio @ 500 hPa for Jan



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

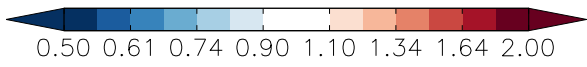
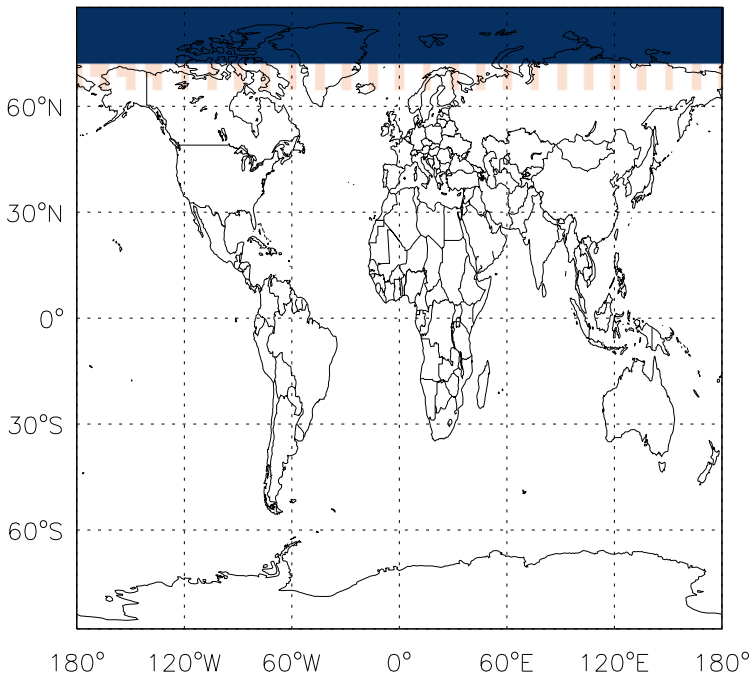


v11-01f-geosp-Run0 - v11-01b-Run0  
JGLYC - J-Value Ratio @ 500 hPa for Jan

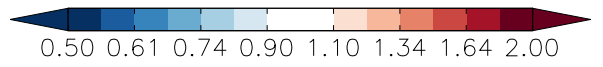
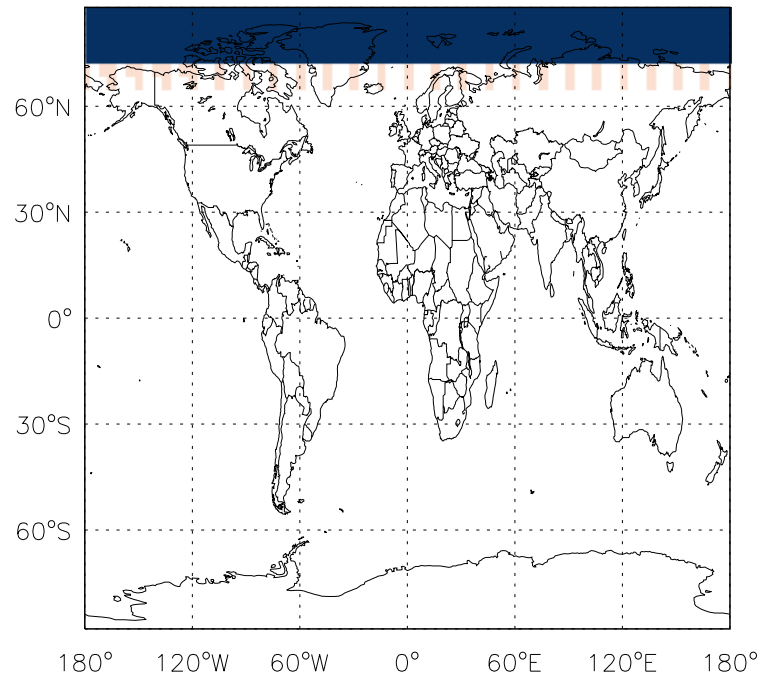


GEOS-Chem J-Values at surface and 500 hPa

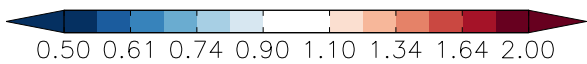
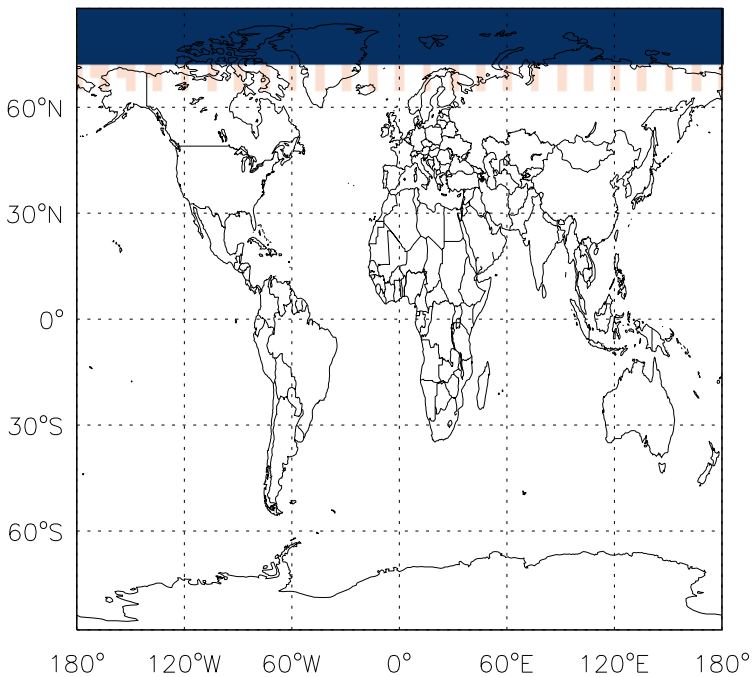
v11-01f-geosp-Run0 - v11-01d-Run1  
JNO2 - J-Value Ratio @ surface for Jan



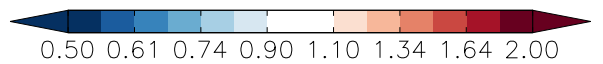
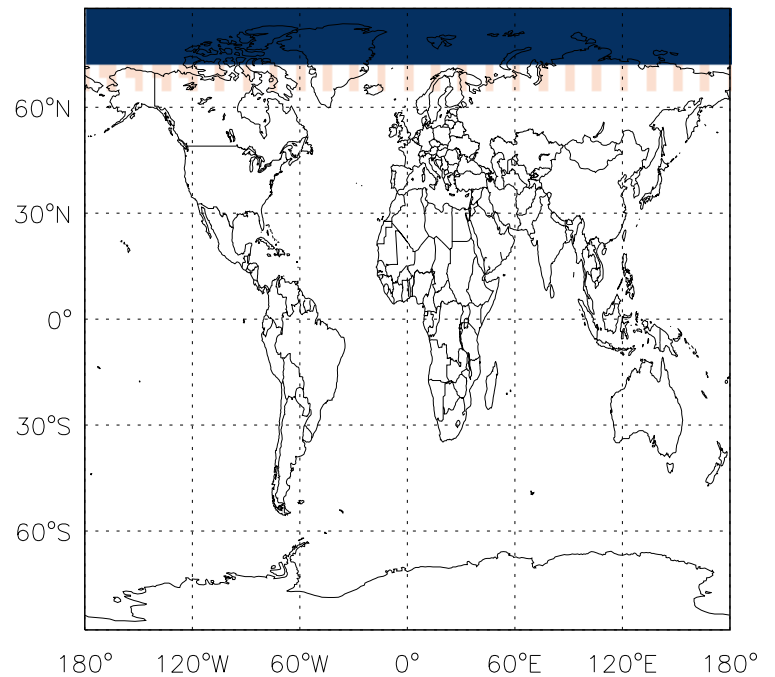
v11-01f-geosp-Run0 - v11-01d-Run1  
JNO2 - J-Value Ratio @ 500 hPa for Jan



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

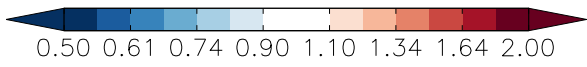
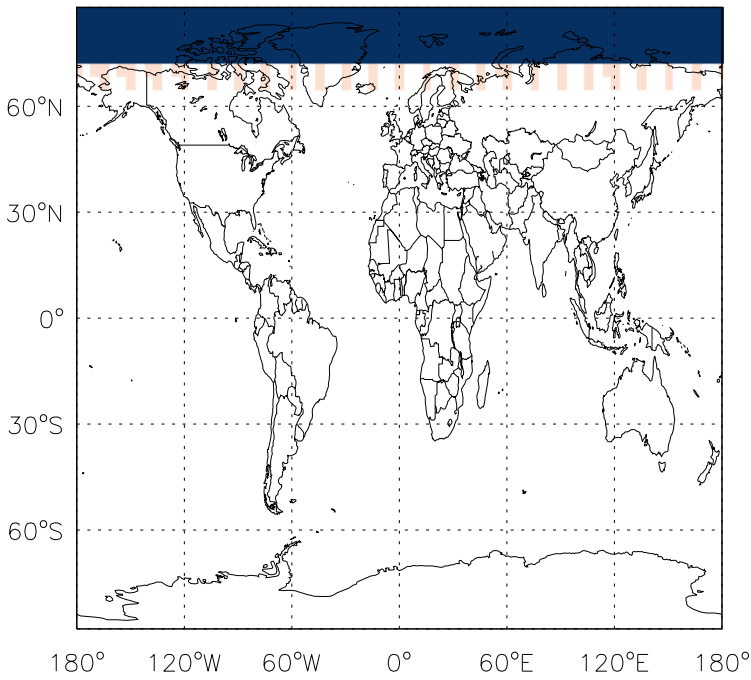


v11-01f-geosp-Run0 - v11-01b-Run0  
JNO2 - J-Value Ratio @ 500 hPa for Jan

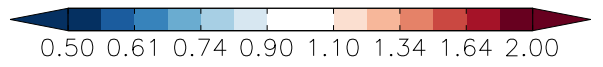
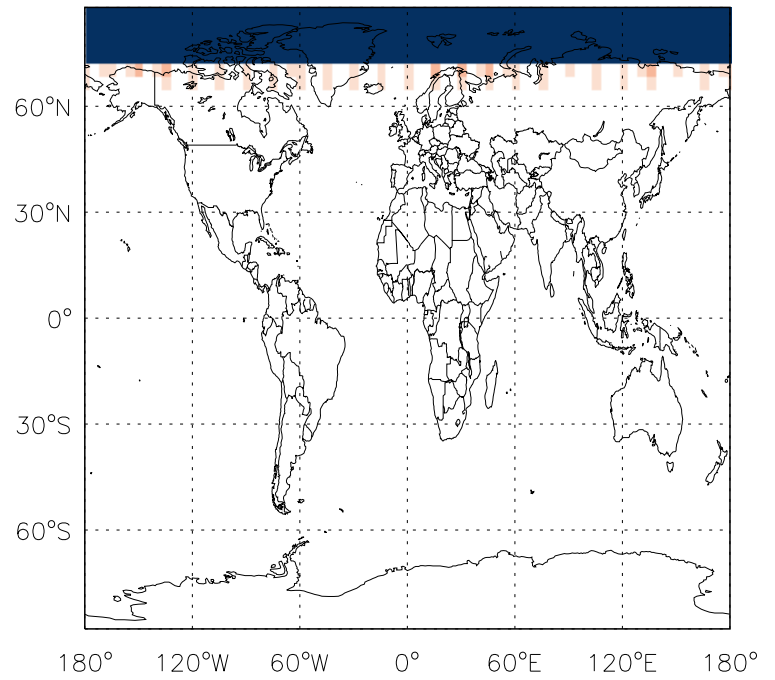


GEOS-Chem J-Values at surface and 500 hPa

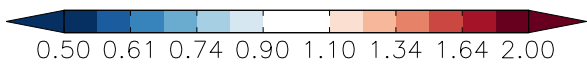
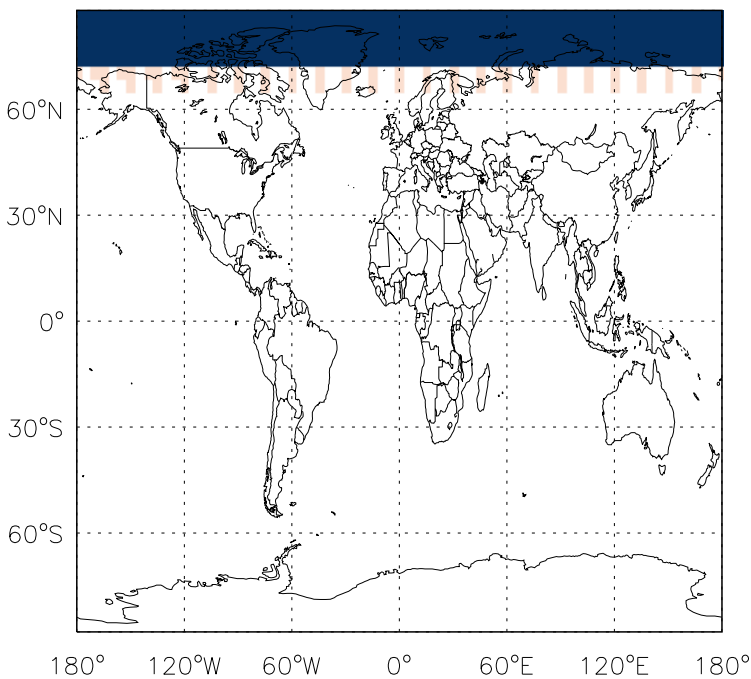
v11-01f-geosp-Run0 - v11-01d-Run1  
JNO3 - J-Value Ratio @ surface for Jan



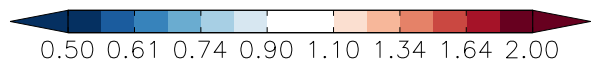
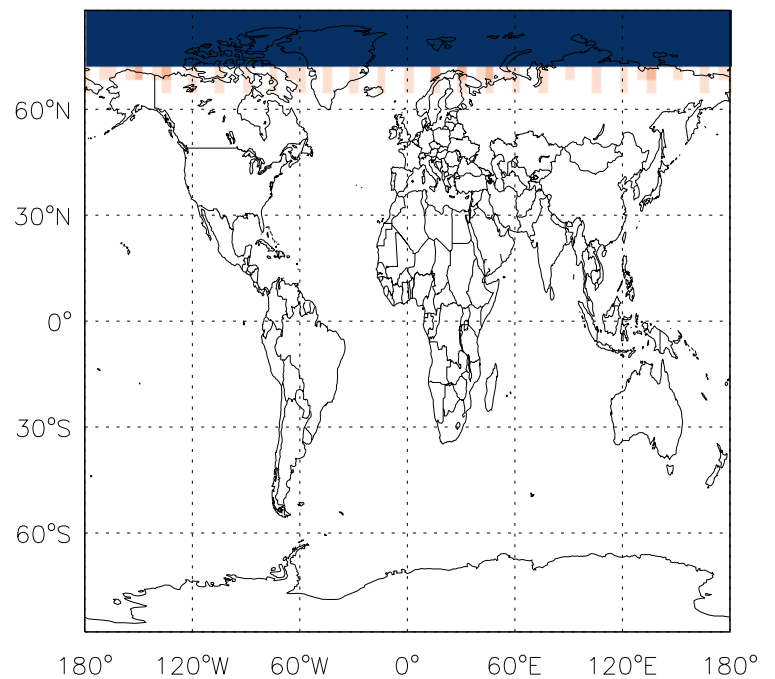
v11-01f-geosp-Run0 - v11-01d-Run1  
JNO3 - J-Value Ratio @ 500 hPa for Jan



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

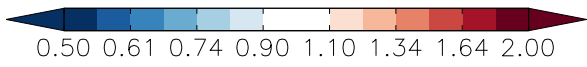
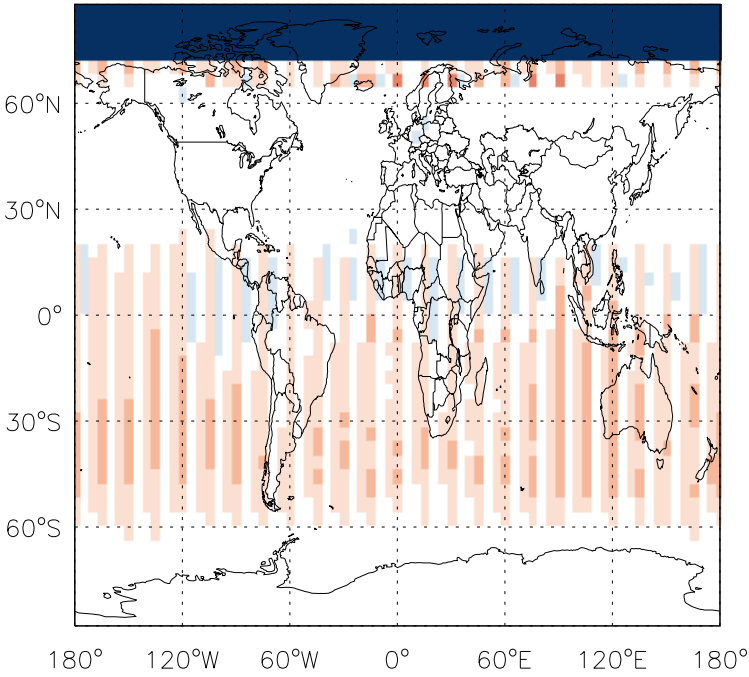


v11-01f-geosp-Run0 - v11-01b-Run0  
JNO3 - J-Value Ratio @ 500 hPa for Jan

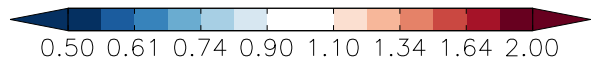
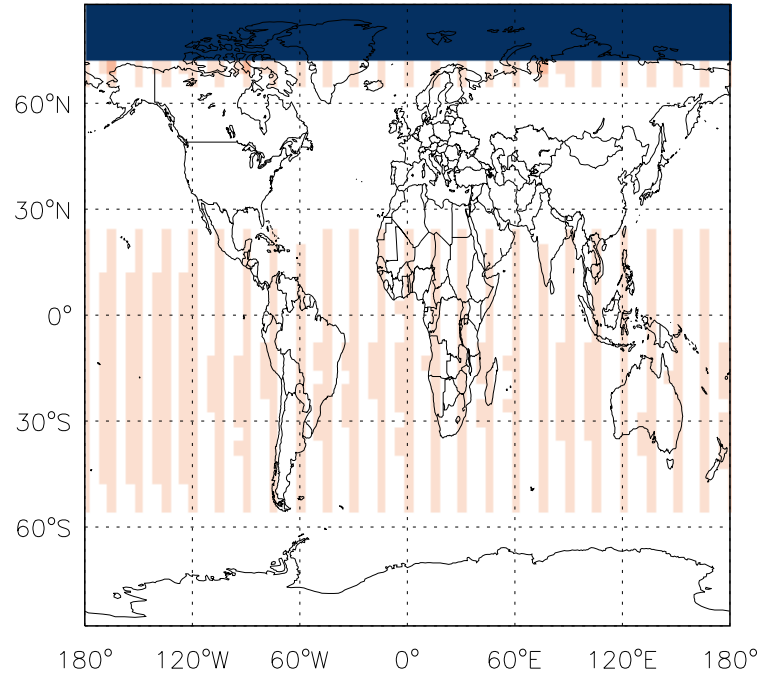


GEOS-Chem J-Values at surface and 500 hPa

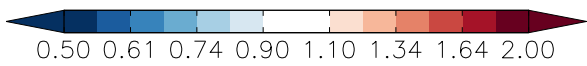
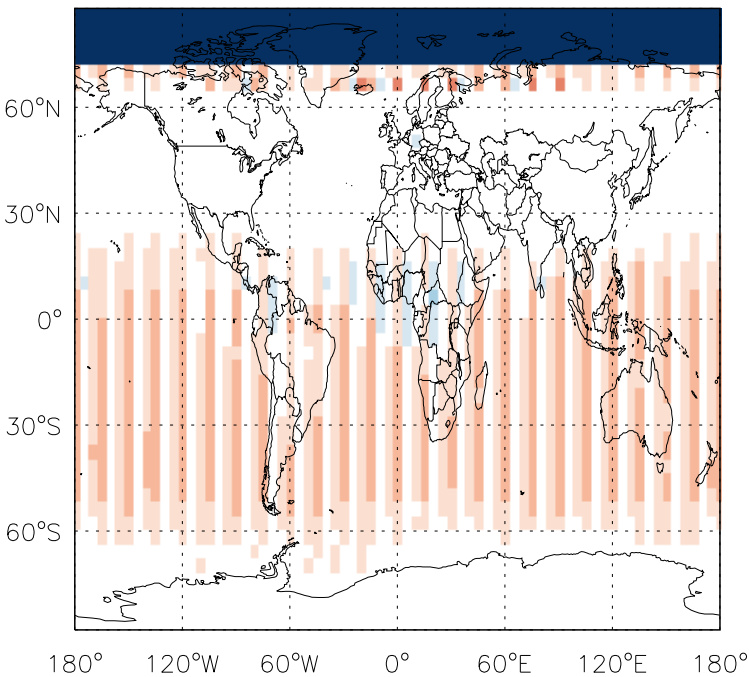
v11-01f-geosp-Run0 - v11-01d-Run1  
JN20 - J-Value Ratio @ surface for Jan



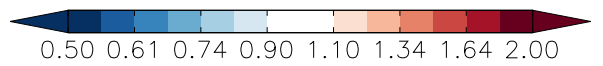
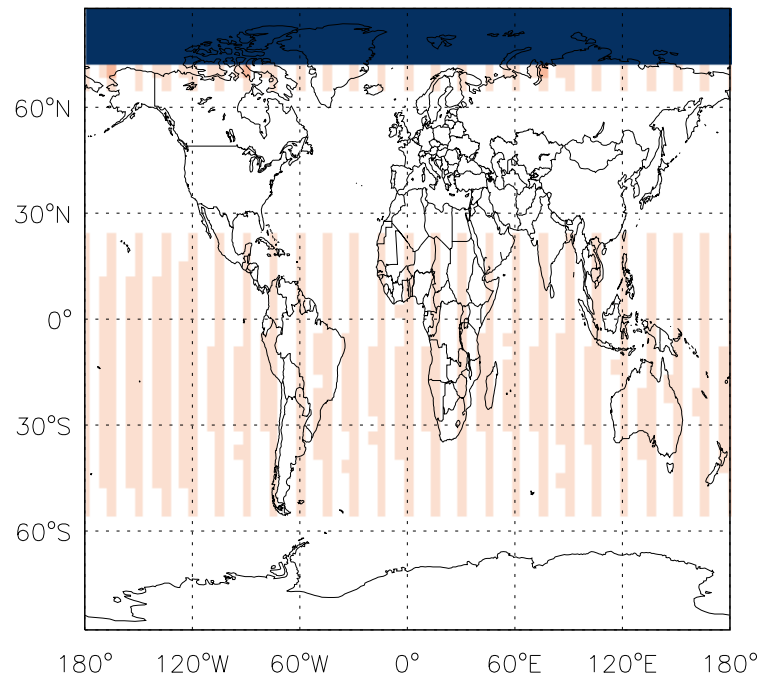
v11-01f-geosp-Run0 - v11-01d-Run1  
JN20 - J-Value Ratio @ 500 hPa for Jan



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

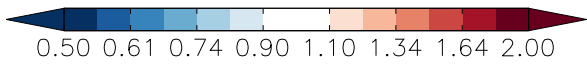
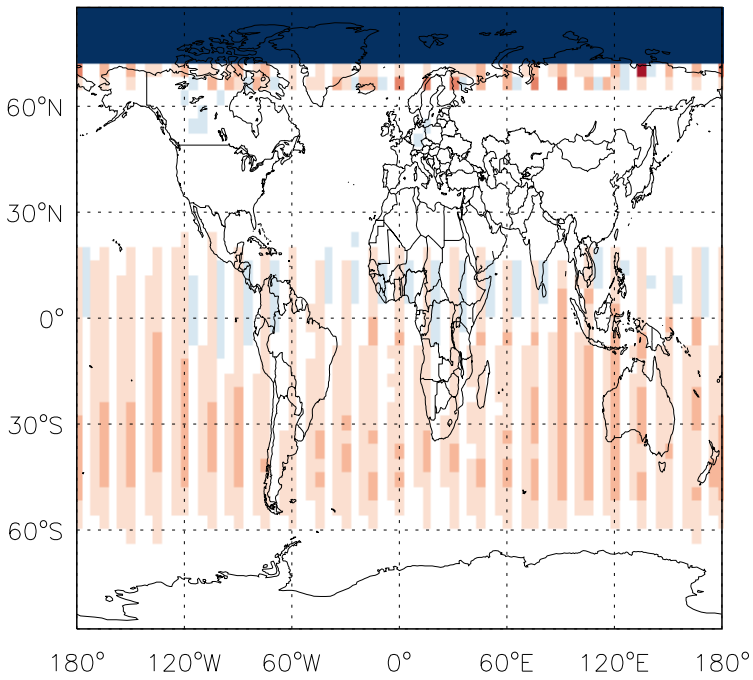


v11-01f-geosp-Run0 - v11-01b-Run0  
JN20 - J-Value Ratio @ 500 hPa for Jan

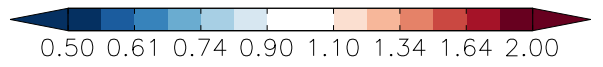
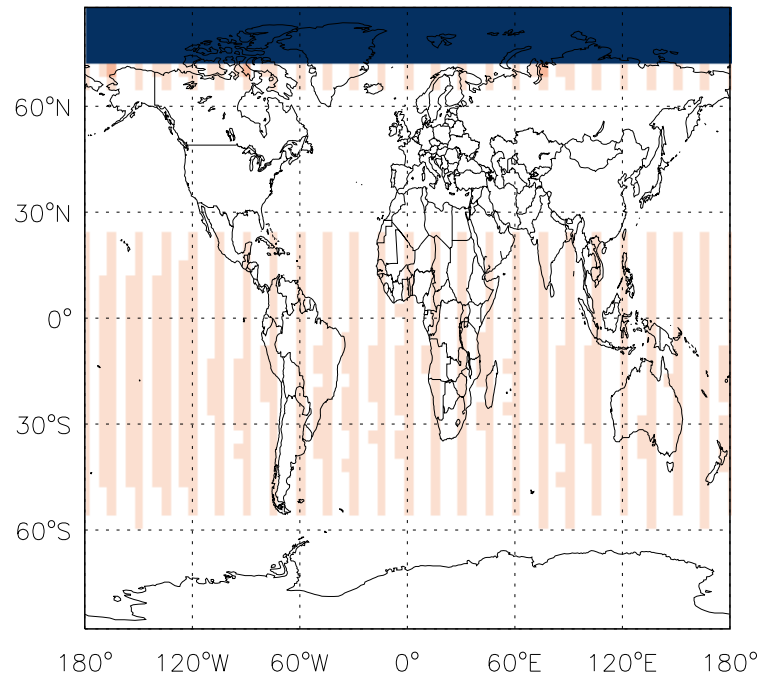


GEOS-Chem J-Values at surface and 500 hPa

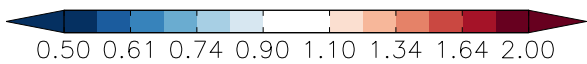
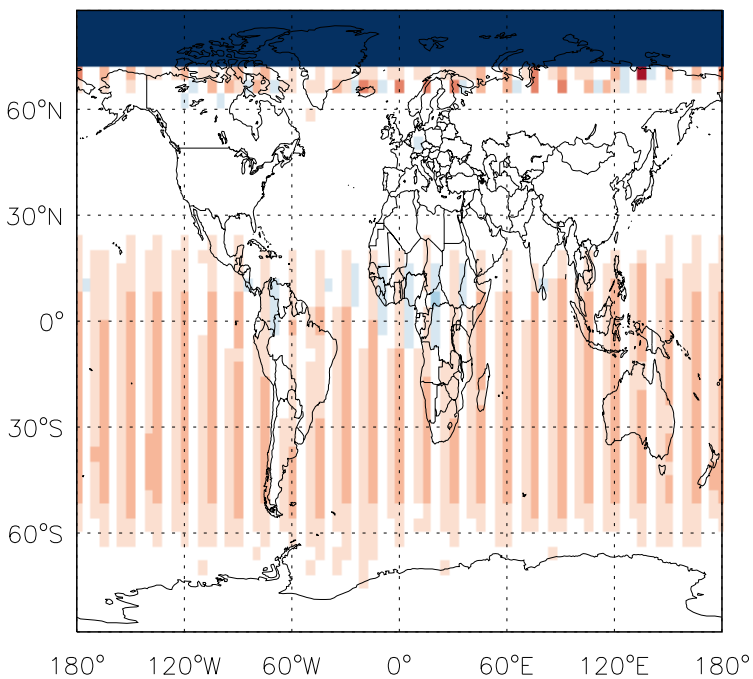
v11-01f-geosp-Run0 - v11-01d-Run1  
JCCI4 - J-Value Ratio @ surface for Jan



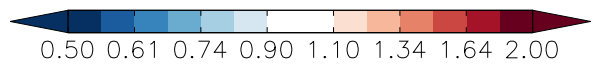
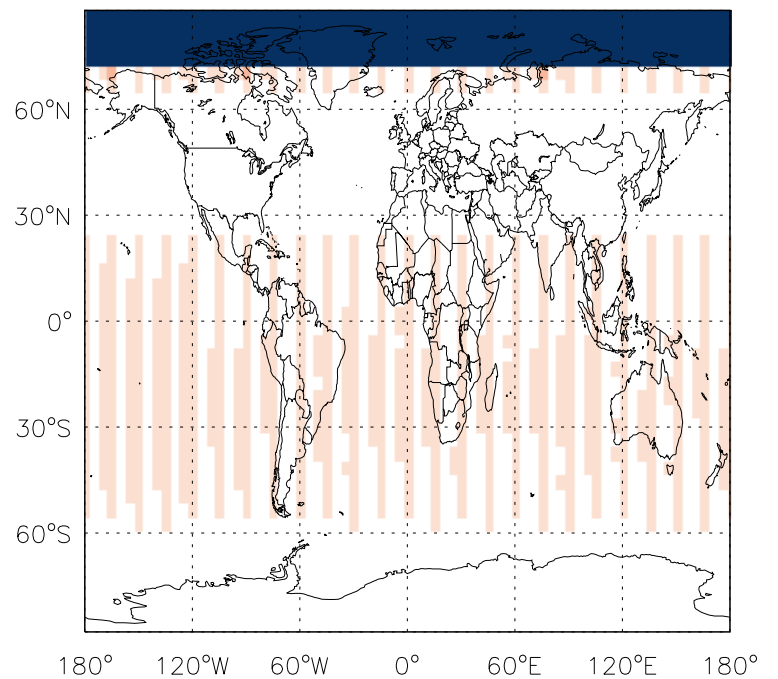
v11-01f-geosp-Run0 - v11-01d-Run1  
JCCI4 - J-Value Ratio @ 500 hPa for Jan



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

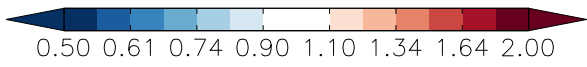
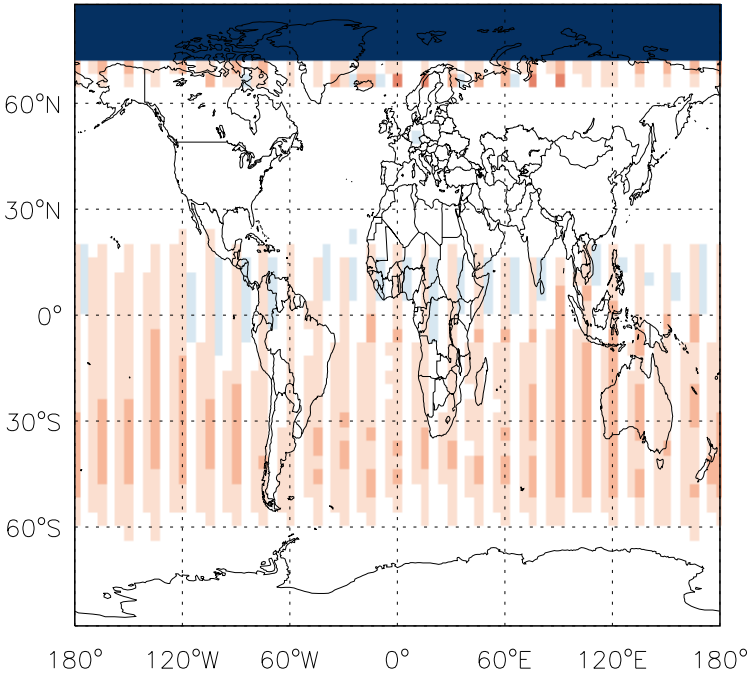


v11-01f-geosp-Run0 - v11-01b-Run0  
JCCI4 - J-Value Ratio @ 500 hPa for Jan

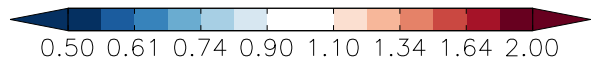
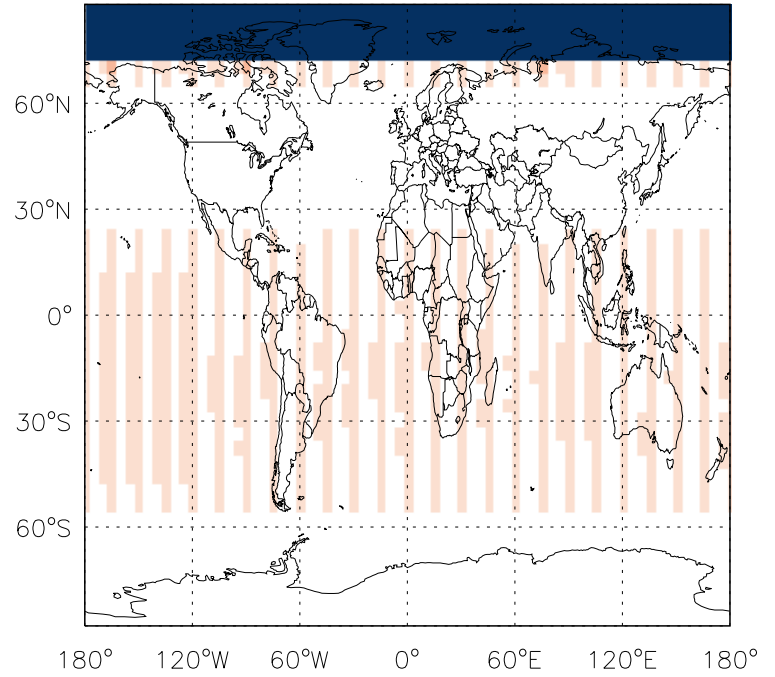


GEOS-Chem J-Values at surface and 500 hPa

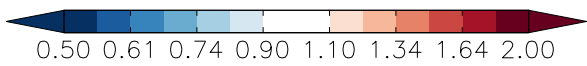
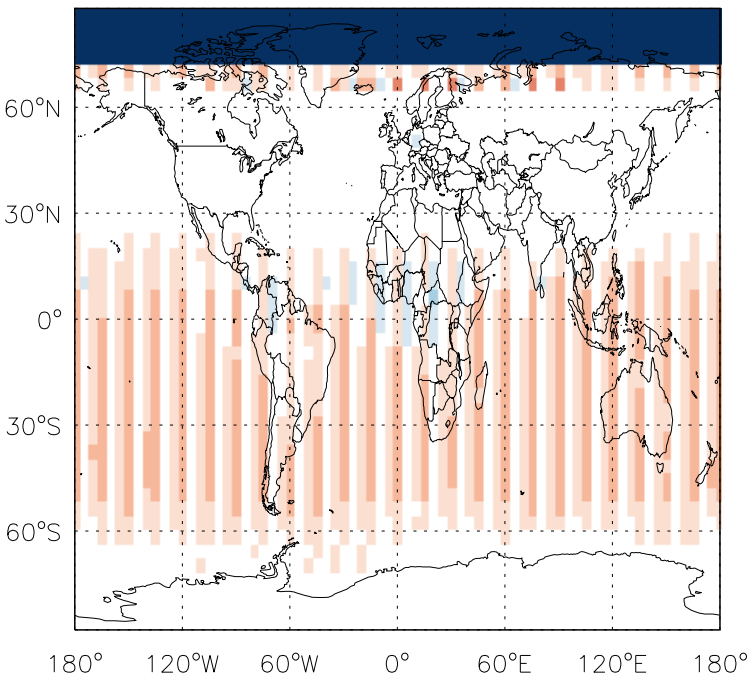
v11-01f-geosp-Run0 - v11-01d-Run1  
JCH3Cl - J-Value Ratio @ surface for Jan



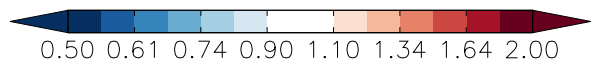
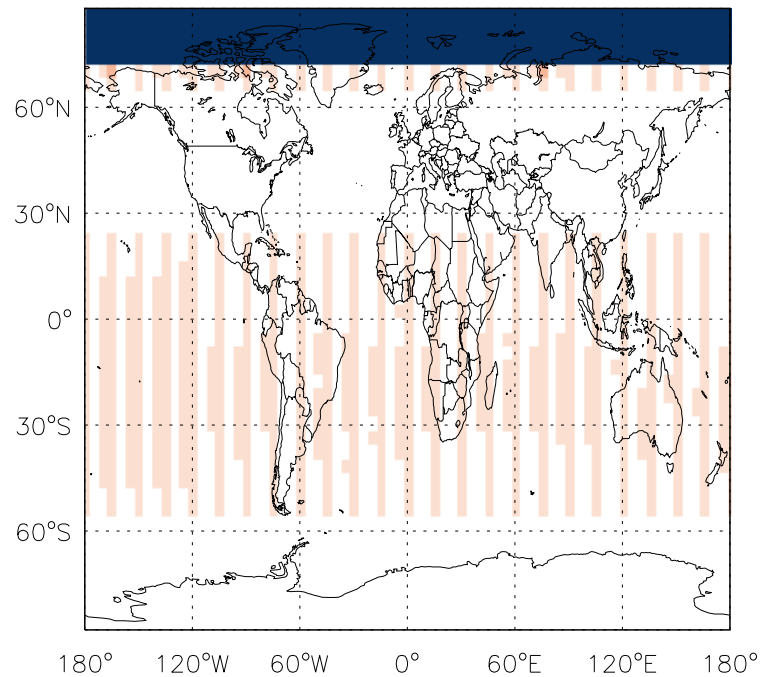
v11-01f-geosp-Run0 - v11-01d-Run1  
JCH3Cl - J-Value Ratio @ 500 hPa for Jan



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

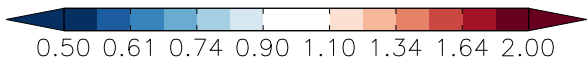
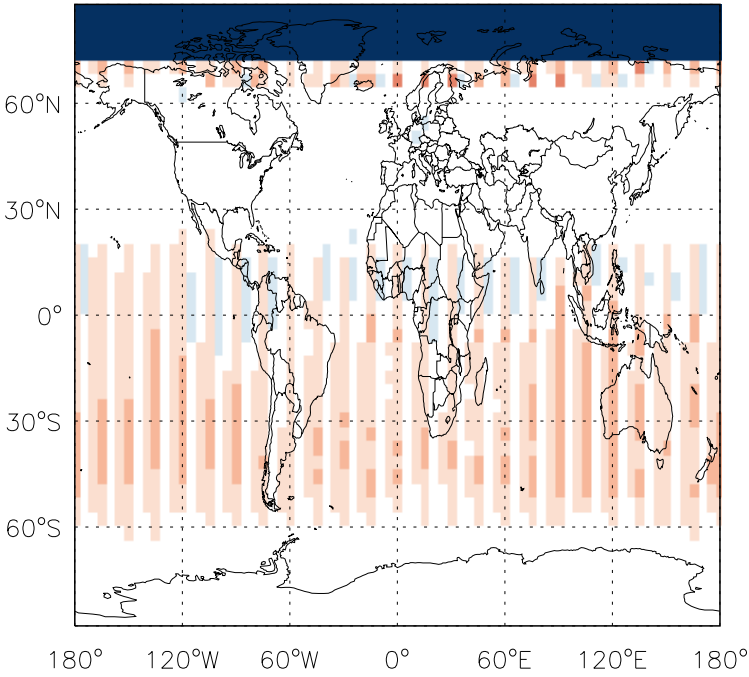


v11-01f-geosp-Run0 - v11-01b-Run0  
JCH3Cl - J-Value Ratio @ 500 hPa for Jan

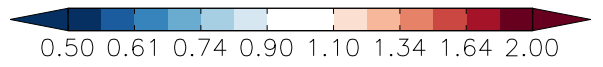
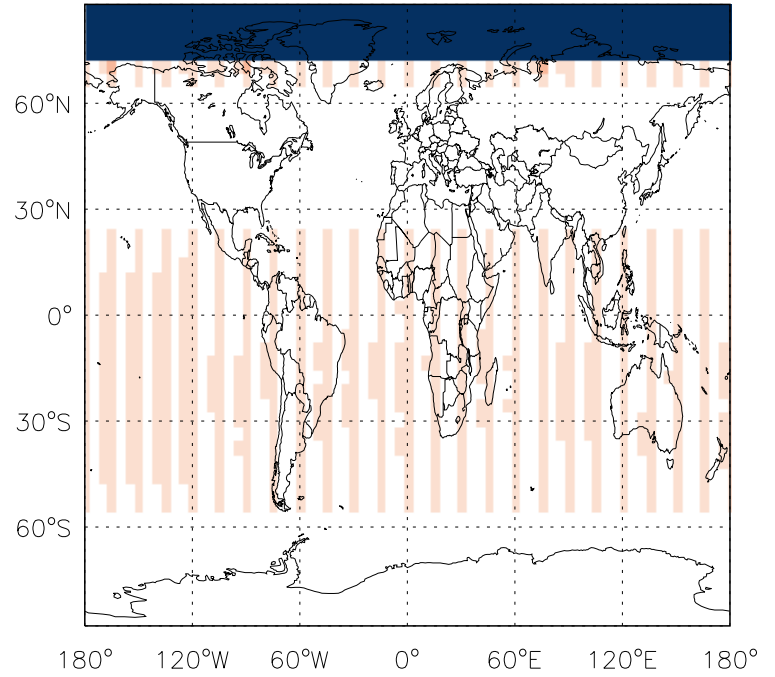


GEOS-Chem J-Values at surface and 500 hPa

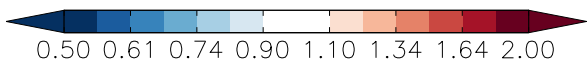
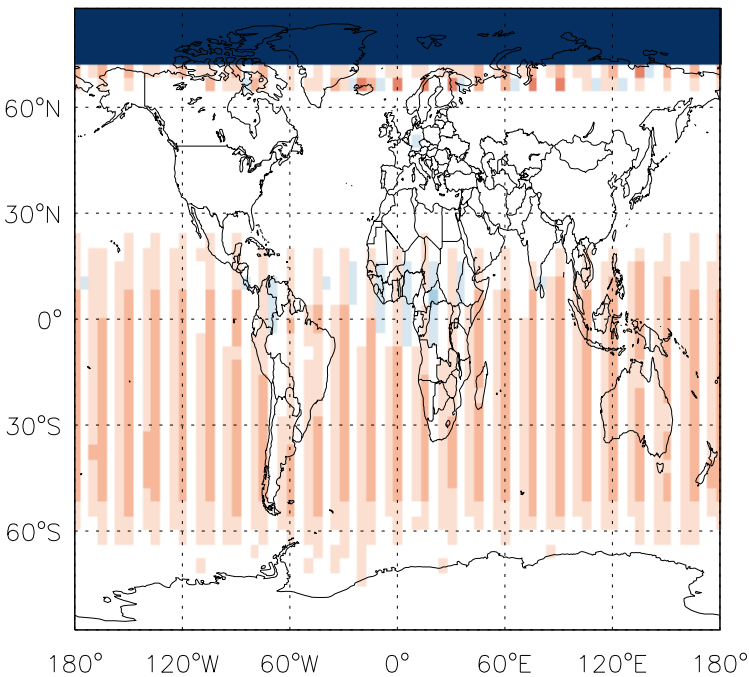
v11-01f-geosp-Run0 - v11-01d-Run1  
JCFC11 - J-Value Ratio @ surface for Jan



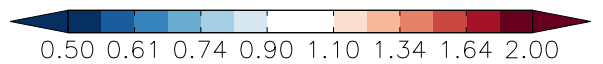
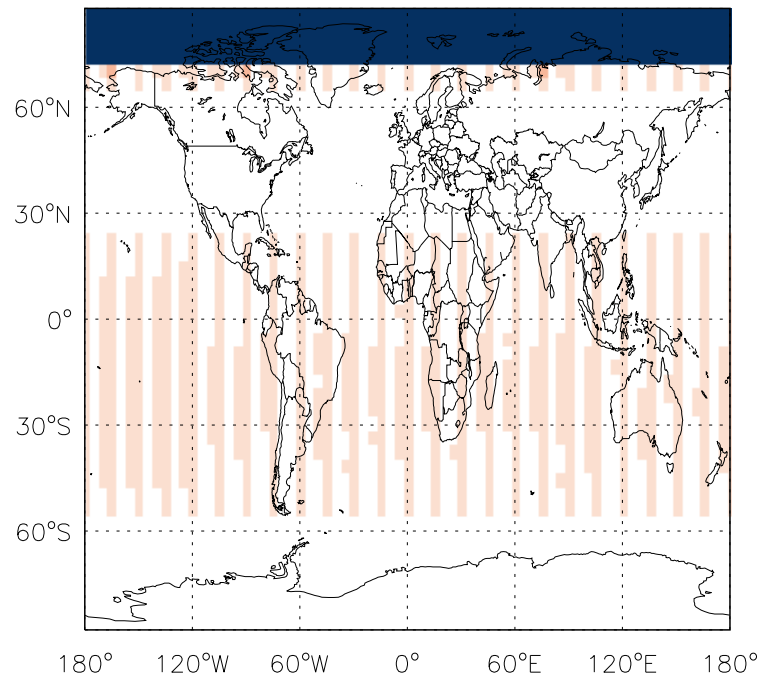
v11-01f-geosp-Run0 - v11-01d-Run1  
JCFC11 - J-Value Ratio @ 500 hPa for Jan



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



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

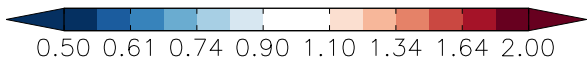
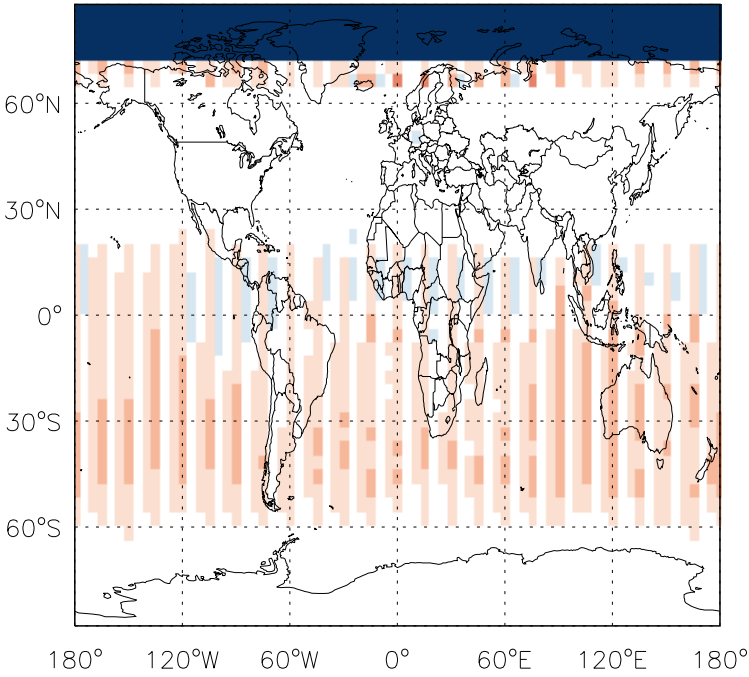




GEOS-Chem J-Values at surface and 500 hPa

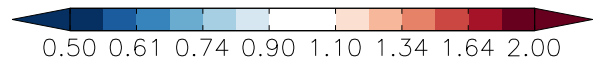
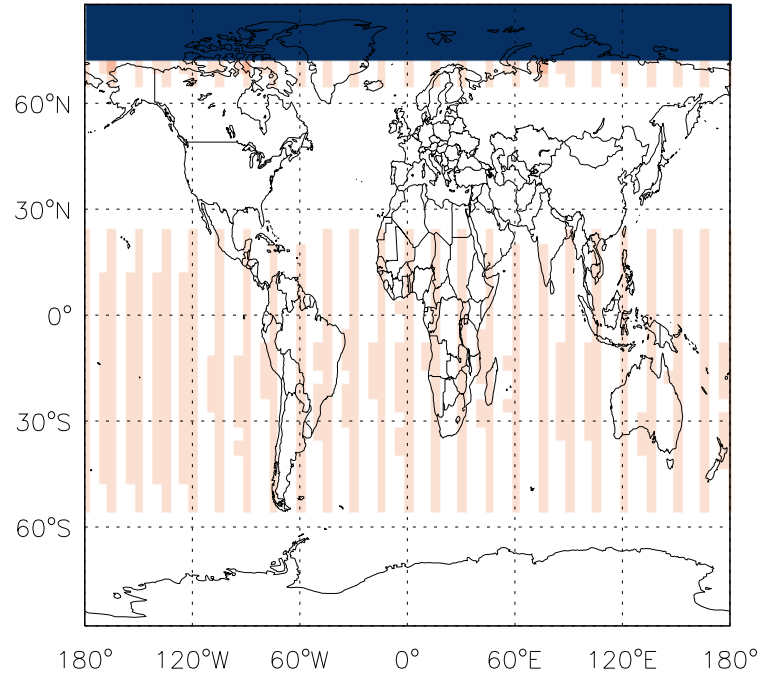
v11-01f-geosp-Run0 - v11-01d-Run1

JCFC12 - J-Value Ratio @ surface for Jan



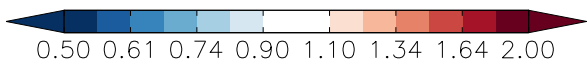
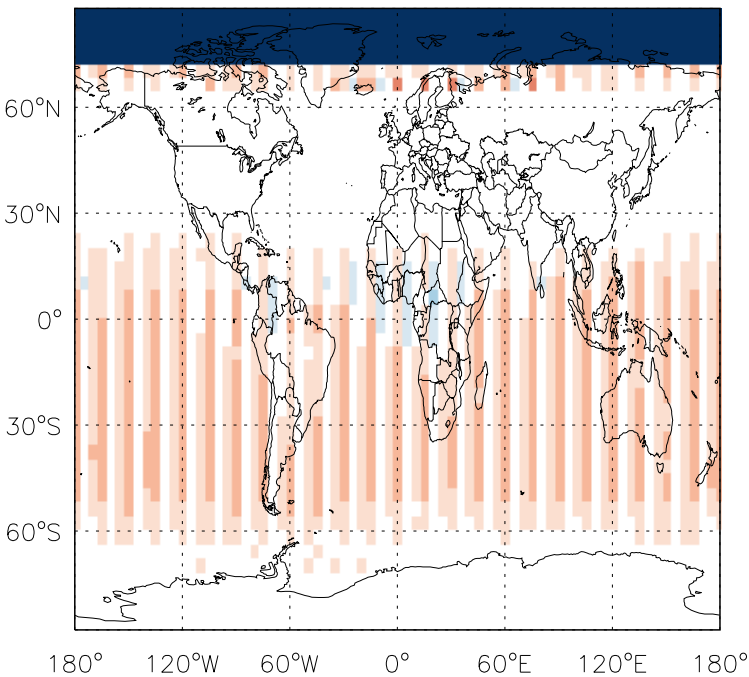
v11-01f-geosp-Run0 - v11-01d-Run1

JCFC12 - J-Value Ratio @ 500 hPa for Jan



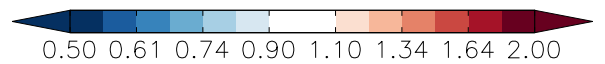
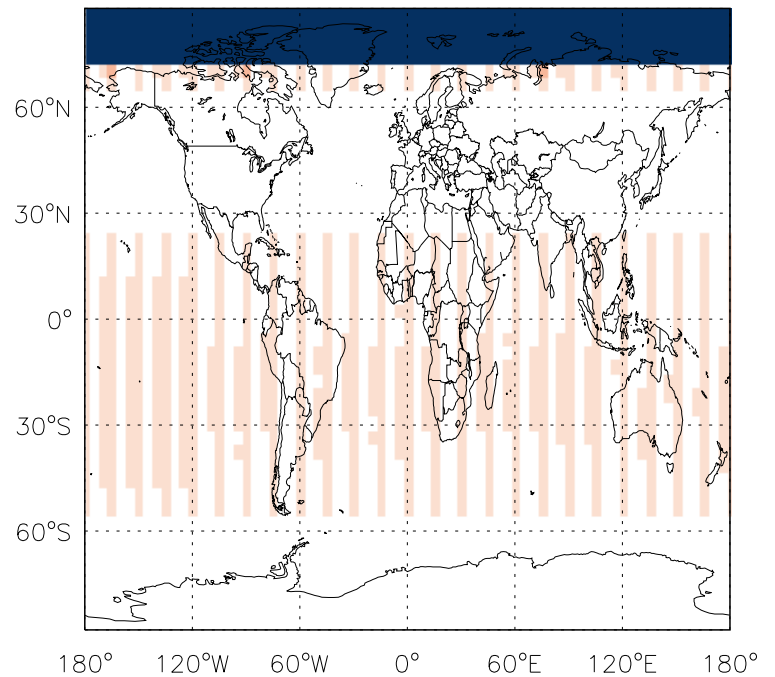
v11-01f-geosp-Run0 - v11-01b-Run0

JCFC12 - J-Value Ratio @ surface for Jan



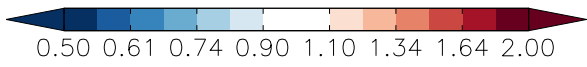
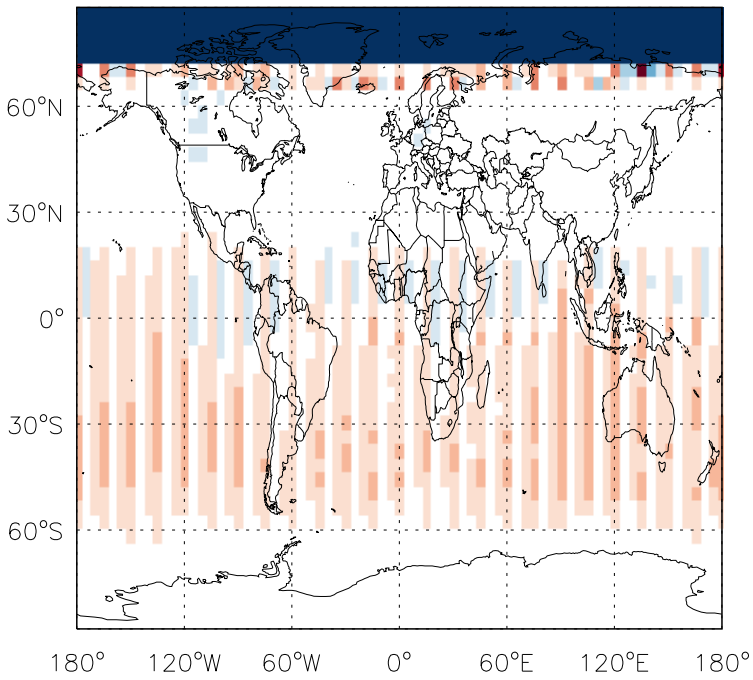
v11-01f-geosp-Run0 - v11-01b-Run0

JCFC12 - J-Value Ratio @ 500 hPa for Jan

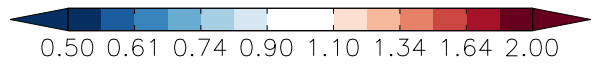
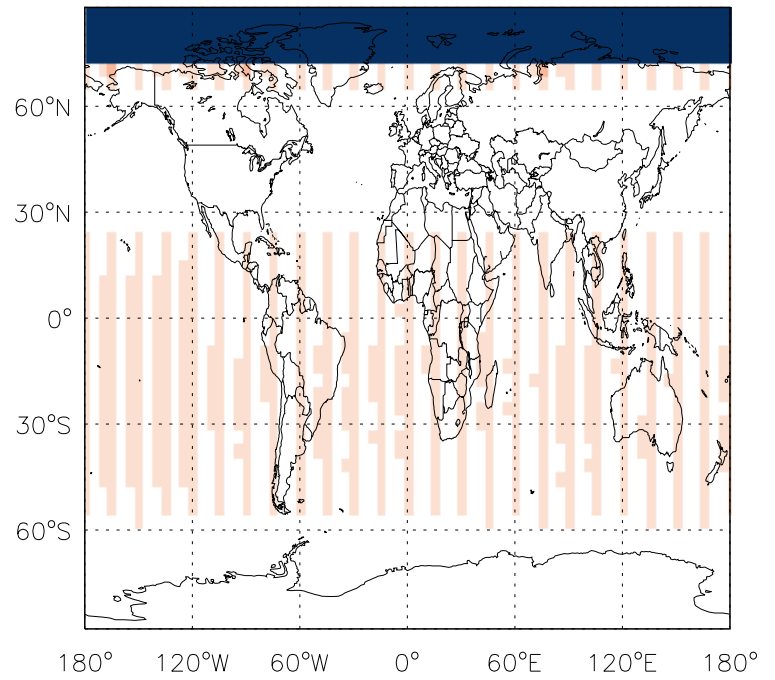


GEOS-Chem J-Values at surface and 500 hPa

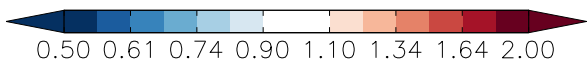
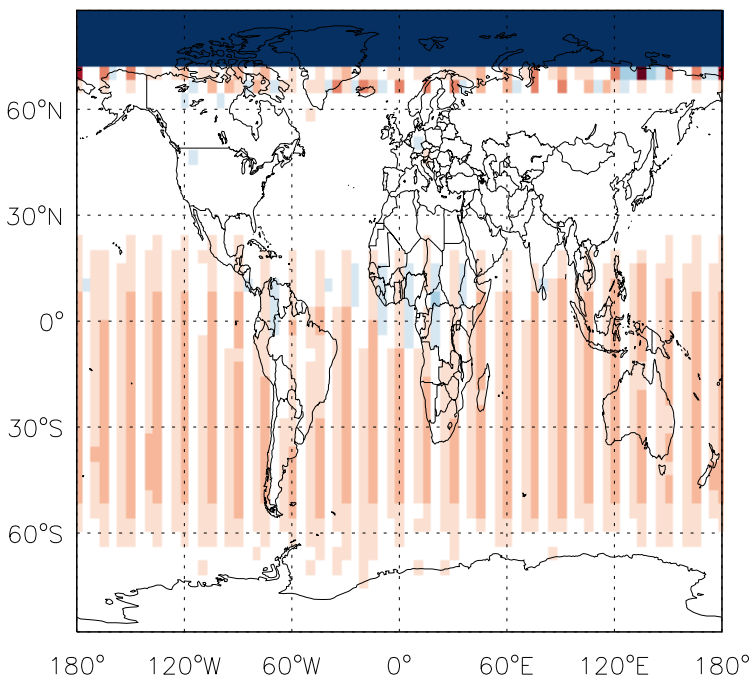
v11-01f-geosp-Run0 - v11-01d-Run1  
J02 - J-Value Ratio @ surface for Jan



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



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



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

