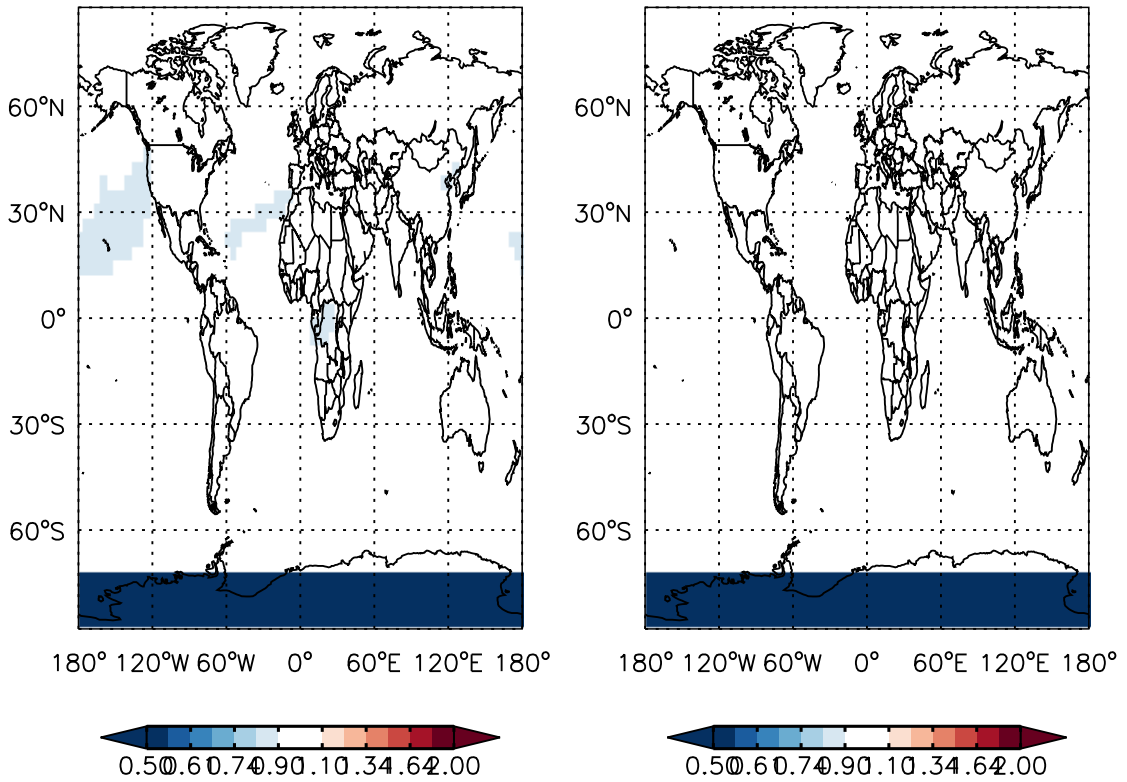


GEOS-Chem J-Values at surface and 500 hPa

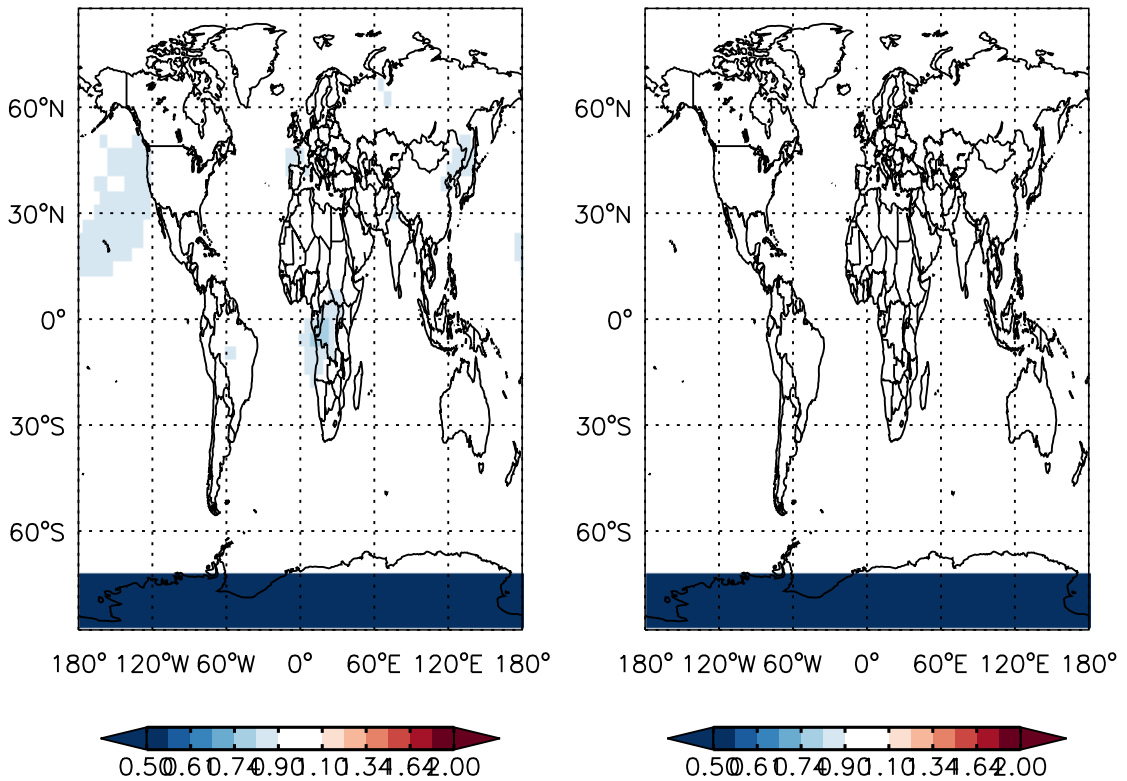
v11-01d-Run0 - v11-01b-Run0 v11-01d-Run0 - v11-01b-Run0

JNO - J-Value Ratio @ surface for JND - J-Value Ratio @ 500 hPa for Jul



v11-01d-Run0 - v10-01-public-Run0 v11-01d-Run0 - v10-01-public-Run0

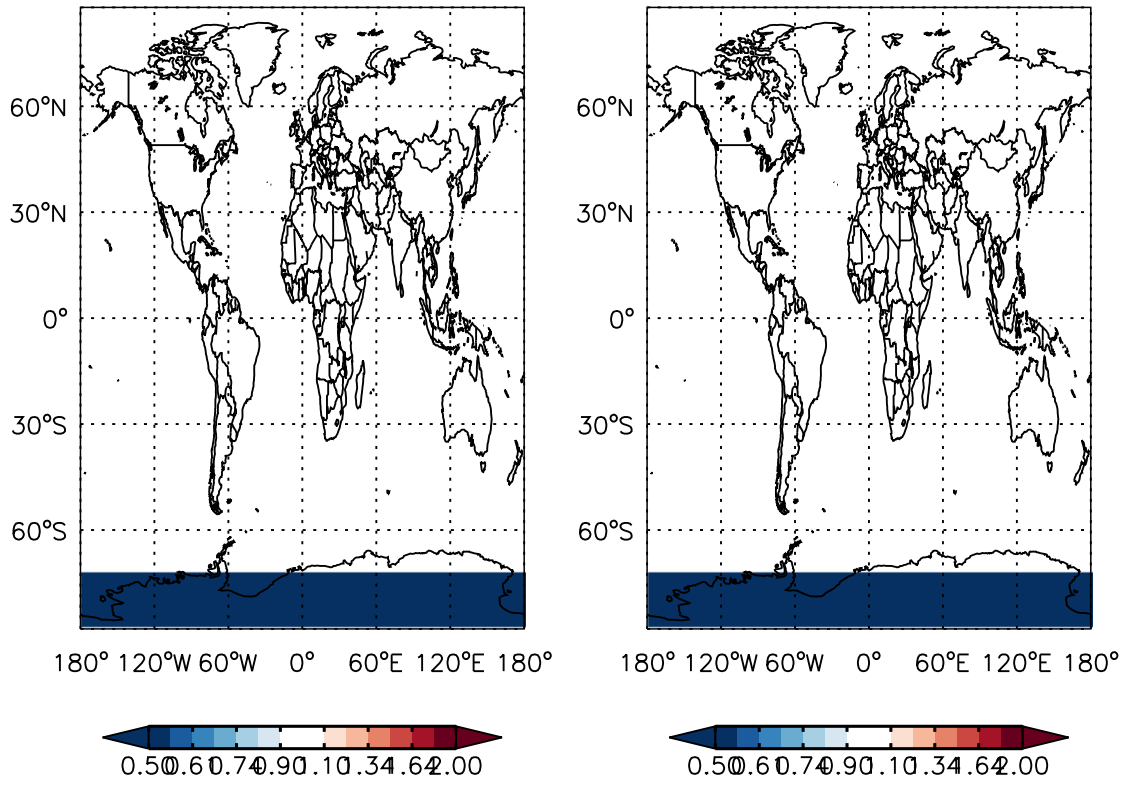
JNO - J-Value Ratio @ surface for JND - J-Value Ratio @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

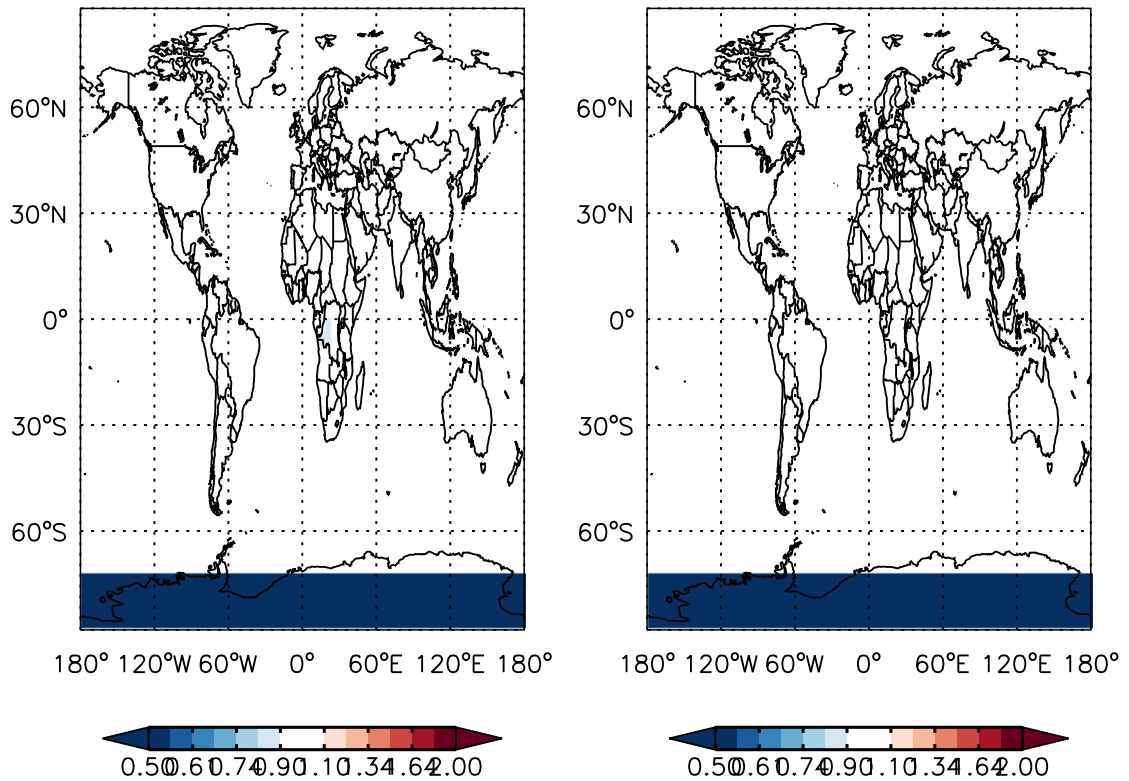
v11-01d-Run0 - v11-01b-Run0 v11-01d-Run0 - v11-01b-Run0

J03_01D - J-Value Ratio @ surface J03_01D - J-Value Ratio @ 500 hPa for Jul



v11-01d-Run0 - v10-01-public-Run0 v11-01d-Run0 - v10-01-public-Run0

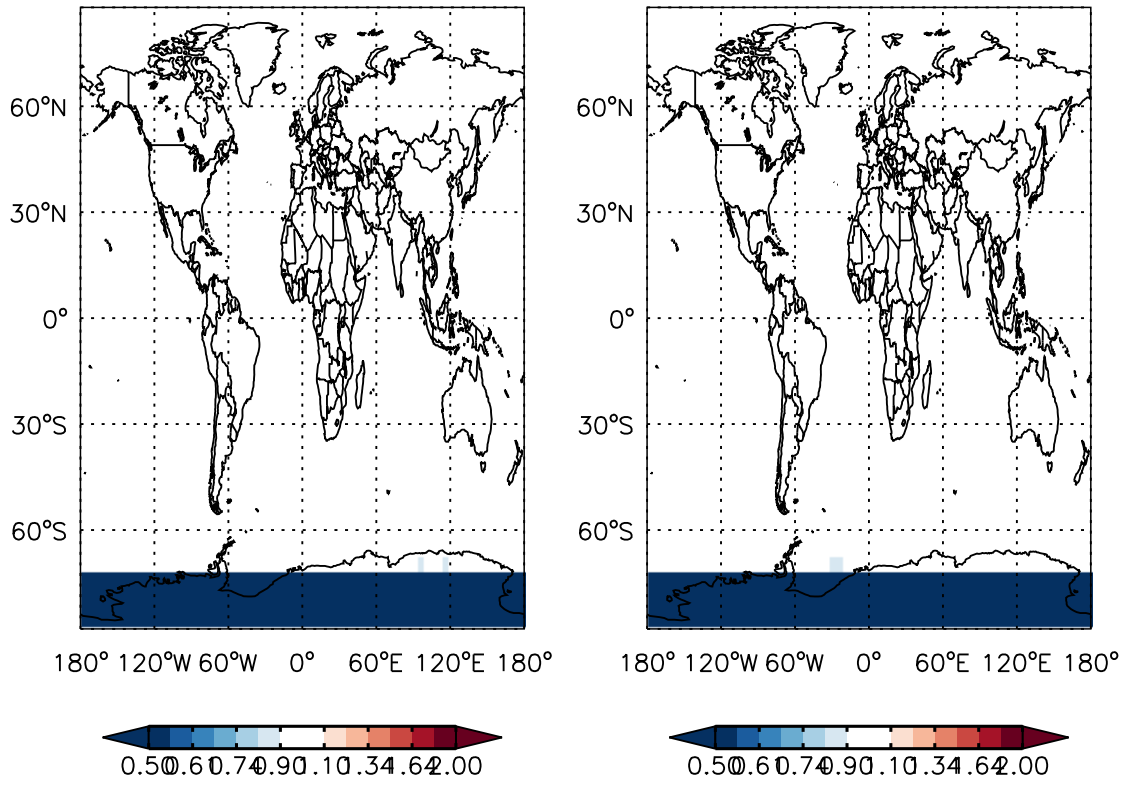
J03_01D - J-Value Ratio @ surface J03_01D - J-Value Ratio @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

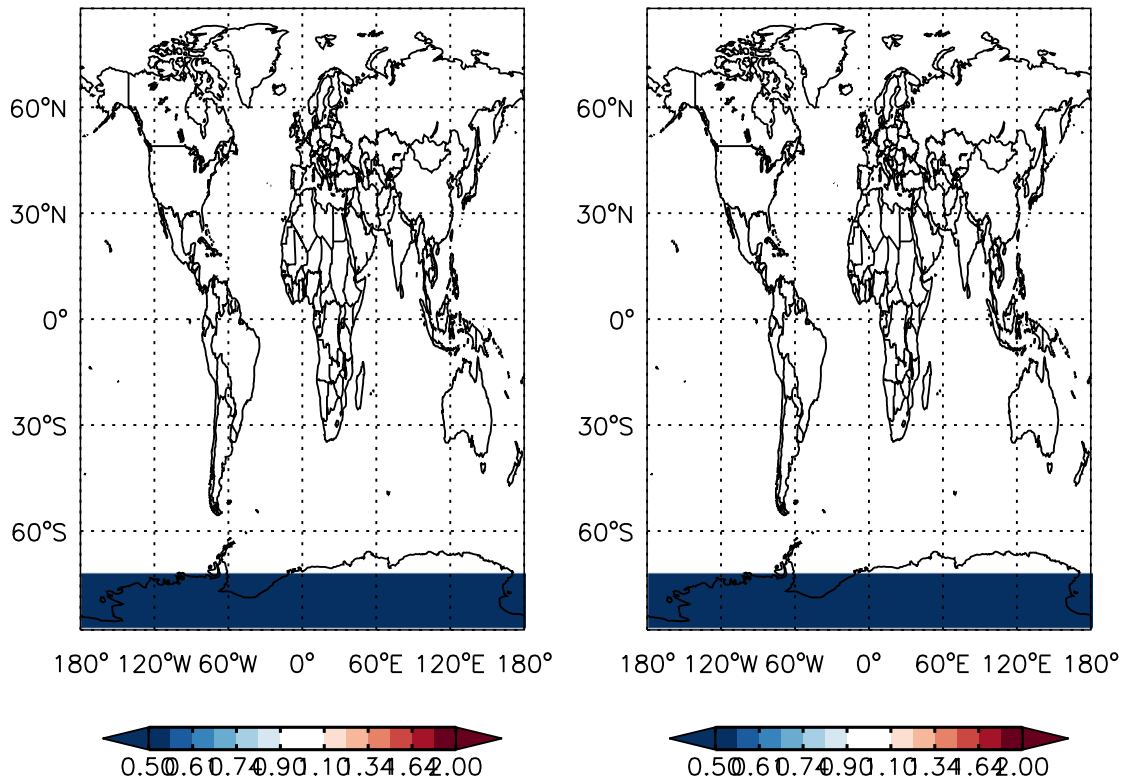
v11-01d-Run0 - v11-01b-Run0 v11-01d-Run0 - v11-01b-Run0

J03_03P - J-Value Ratio @ surface J03_03P - J-Value Ratio @ 500 hPa for Jul



v11-01d-Run0 - v10-01-public-Run0 v11-01d-Run0 - v10-01-public-Run0

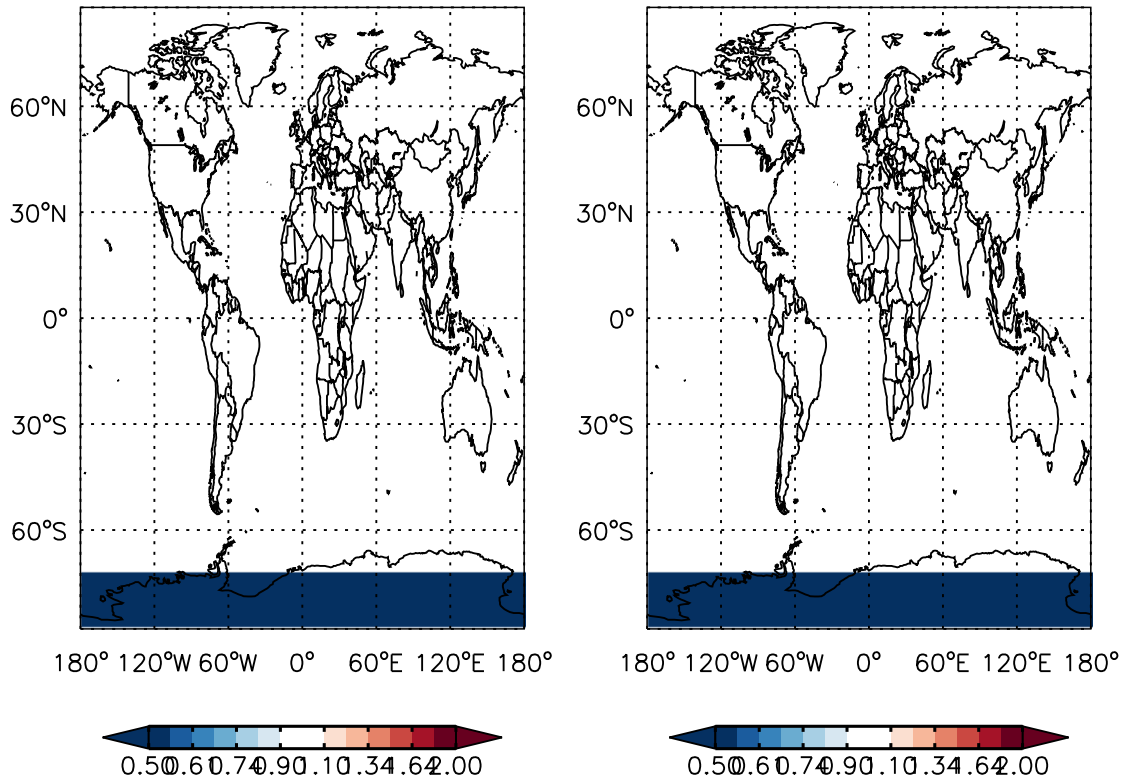
J03_03P - J-Value Ratio @ surface J03_03P - J-Value Ratio @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

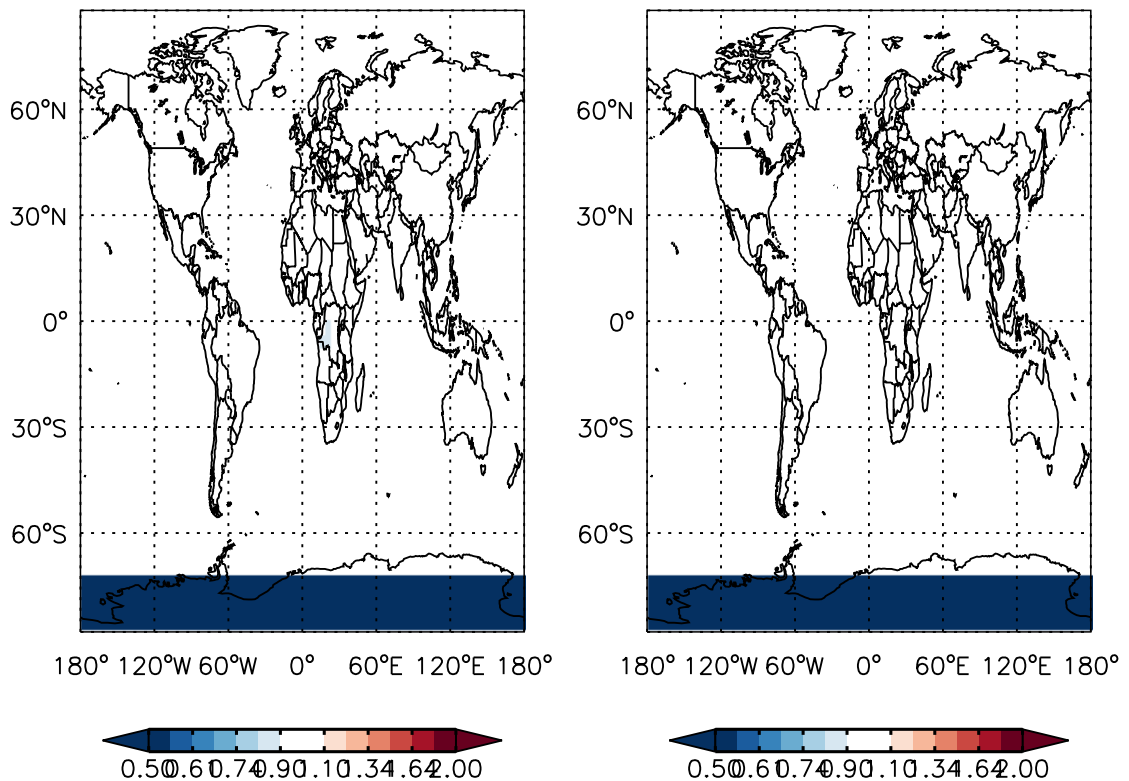
v11-01d-Run0 - v11-01b-Run0 v11-01d-Run0 - v11-01b-Run0

JHNO3 - J-Value Ratio @ surface f dHNO3 - J-Value Ratio @ 500 hPa for Jul



v11-01d-Run0 - v10-01-public-Run0 v11-01d-Run0 - v10-01-public-Run0

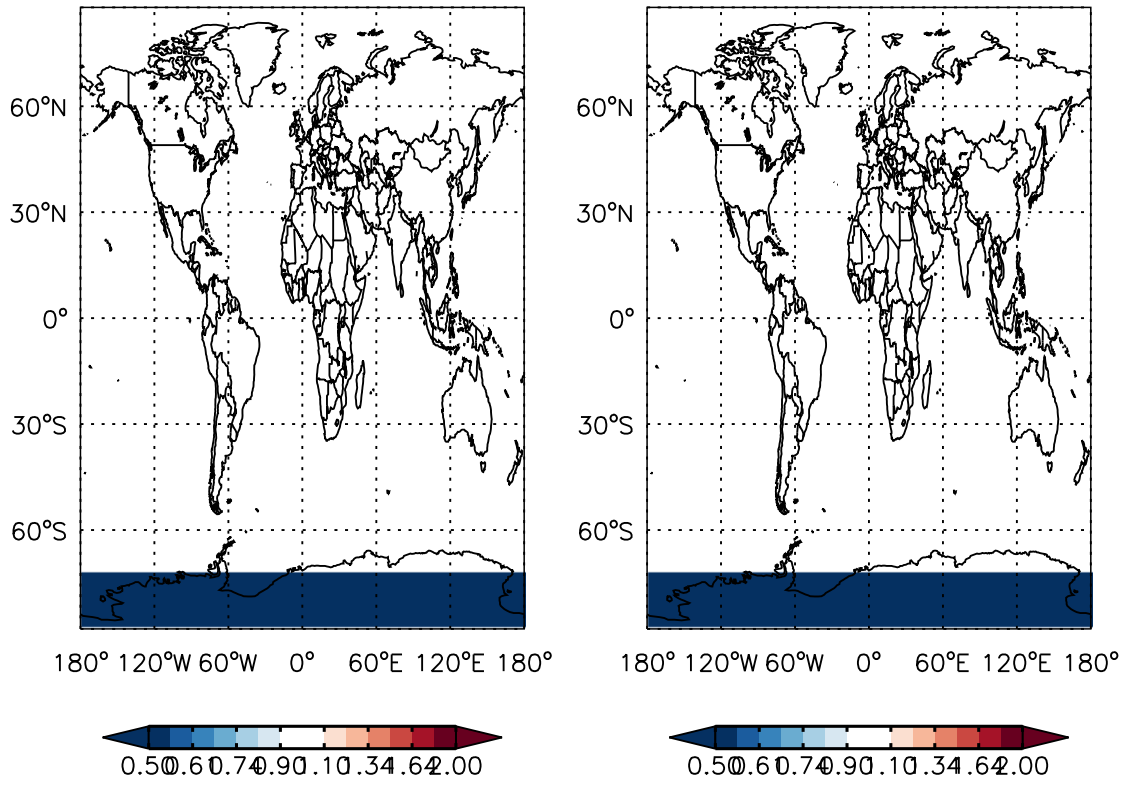
JHNO3 - J-Value Ratio @ surface f dHNO3 - J-Value Ratio @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

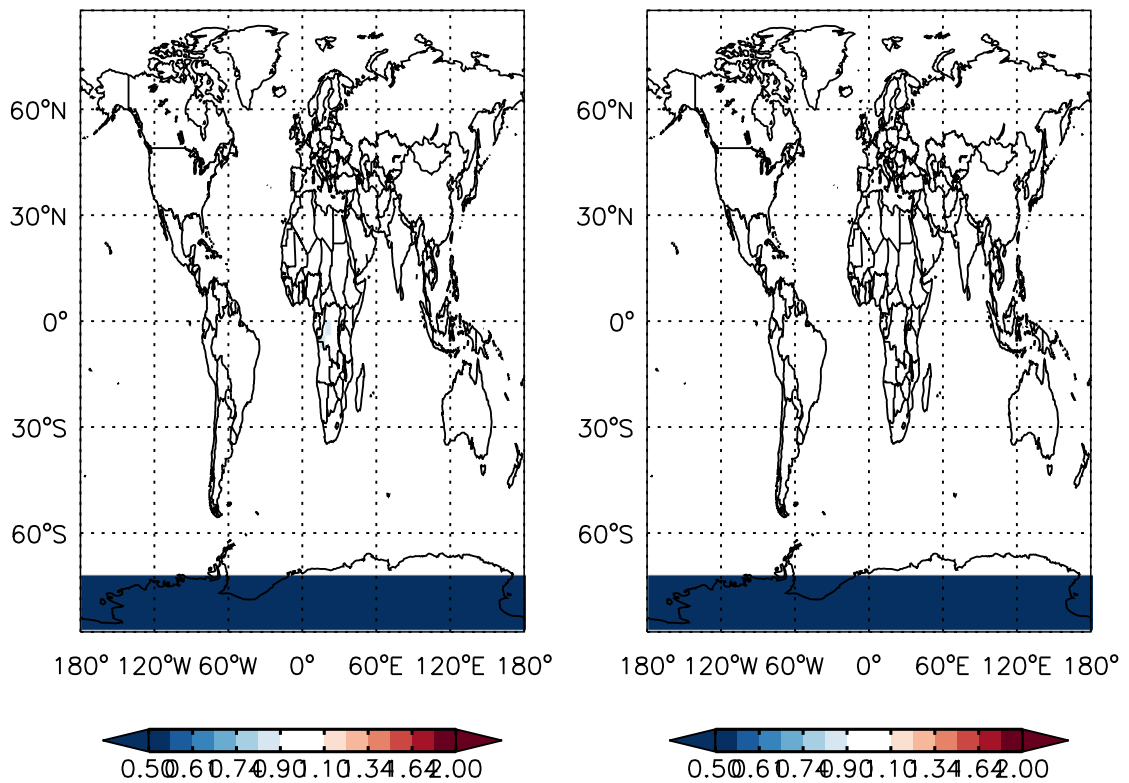
v11-01d-Run0 - v11-01b-Run0 v11-01d-Run0 - v11-01b-Run0

JH2O2 - J-Value Ratio @ surface f d JH2O2 - J-Value Ratio @ 500 hPa for Jul



v11-01d-Run0 - v10-01-public-Run0 v11-01d-Run0 - v10-01-public-Run0

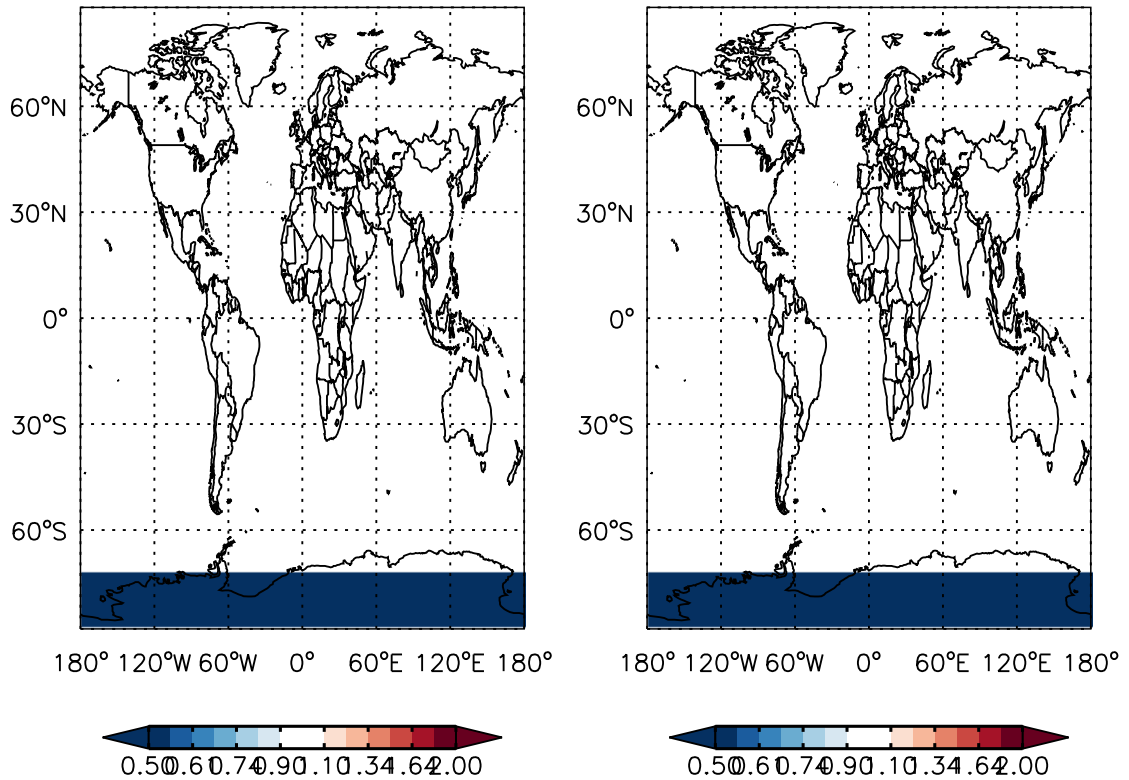
JH2O2 - J-Value Ratio @ surface f d JH2O2 - J-Value Ratio @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

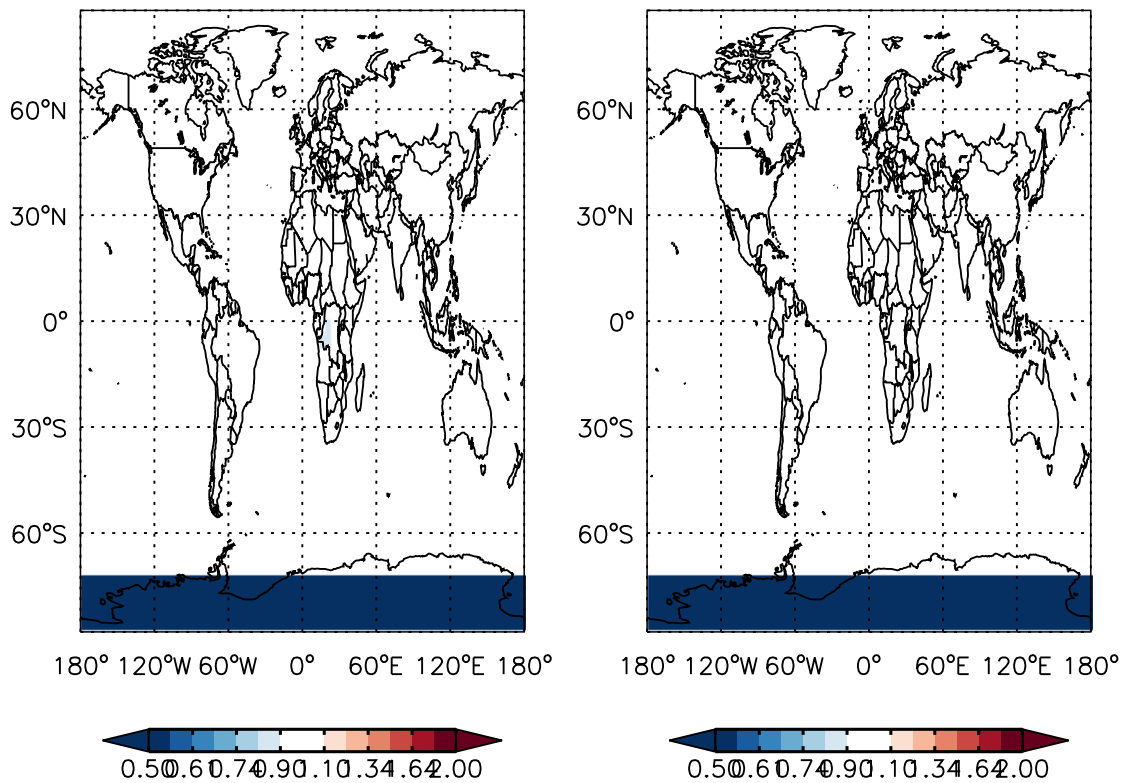
v11-01d-Run0 - v11-01b-Run0 v11-01d-Run0 - v11-01b-Run0

JACET - J-Value Ratio @ surface for JAOBT - J-Value Ratio @ 500 hPa for Jul



v11-01d-Run0 - v10-01-public-Run0 v11-01d-Run0 - v10-01-public-Run0

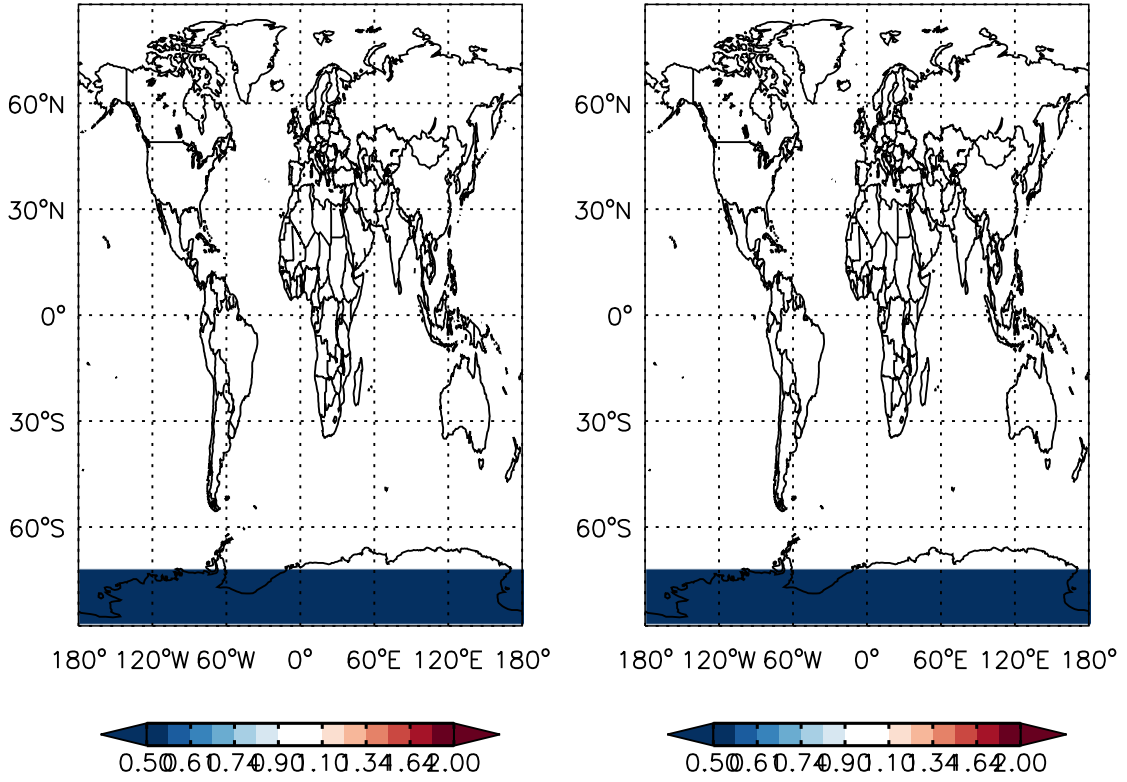
JACET - J-Value Ratio @ surface for JAOBT - J-Value Ratio @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

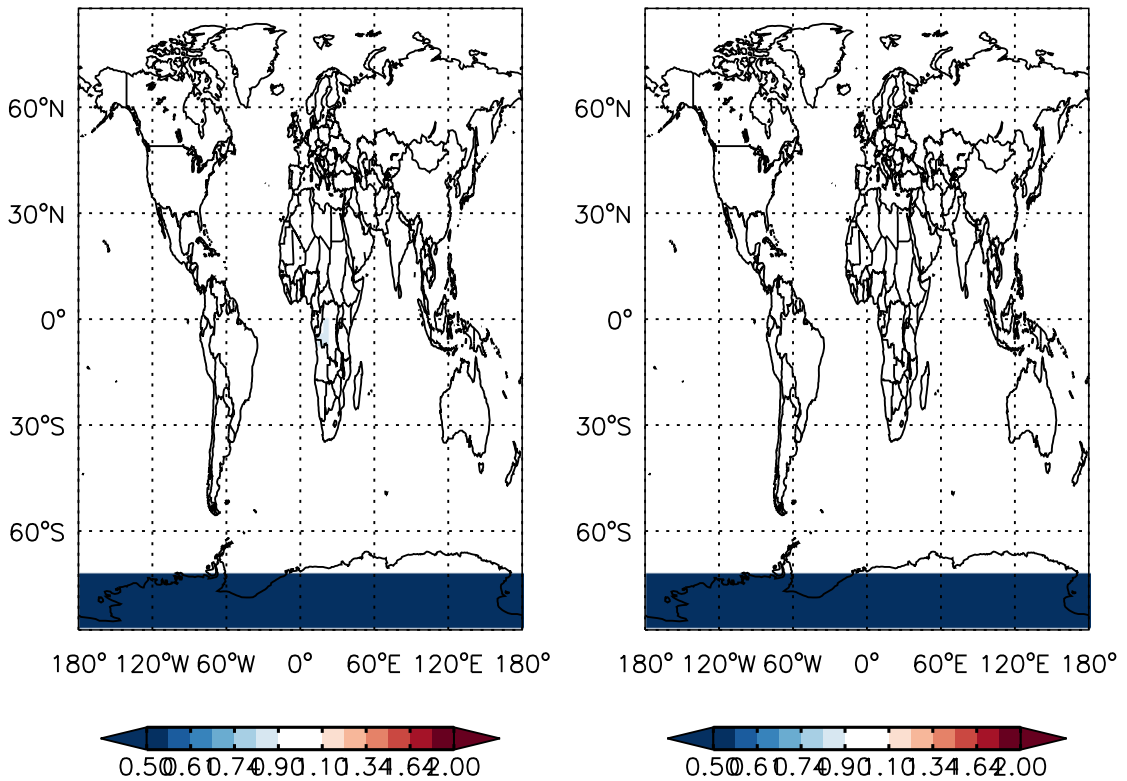
v11-01d-Run0 - v11-01b-Run0 v11-01d-Run0 - v11-01b-Run0

JALD2 - J-Value Ratio @ surface for JALD2 - J-Value Ratio @ 500 hPa for Jul



v11-01d-Run0 - v10-01-public-Run0 v11-01d-Run0 - v10-01-public-Run0

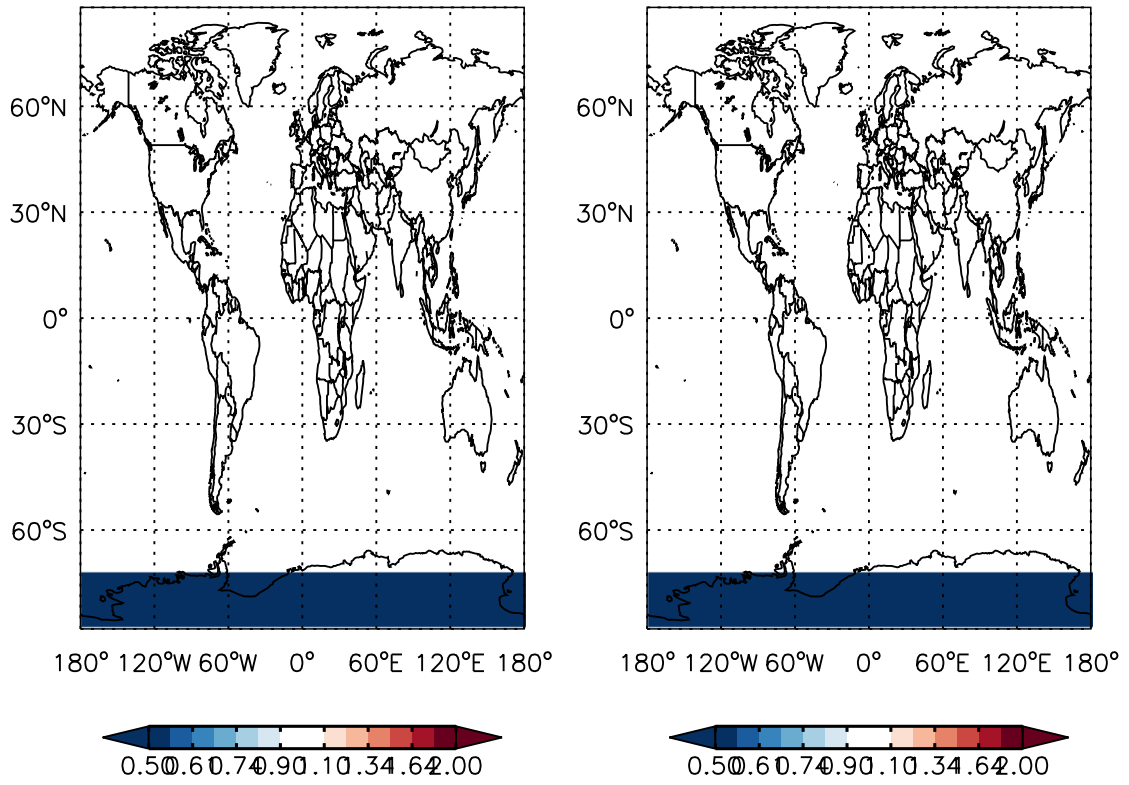
JALD2 - J-Value Ratio @ surface for JALD2 - J-Value Ratio @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

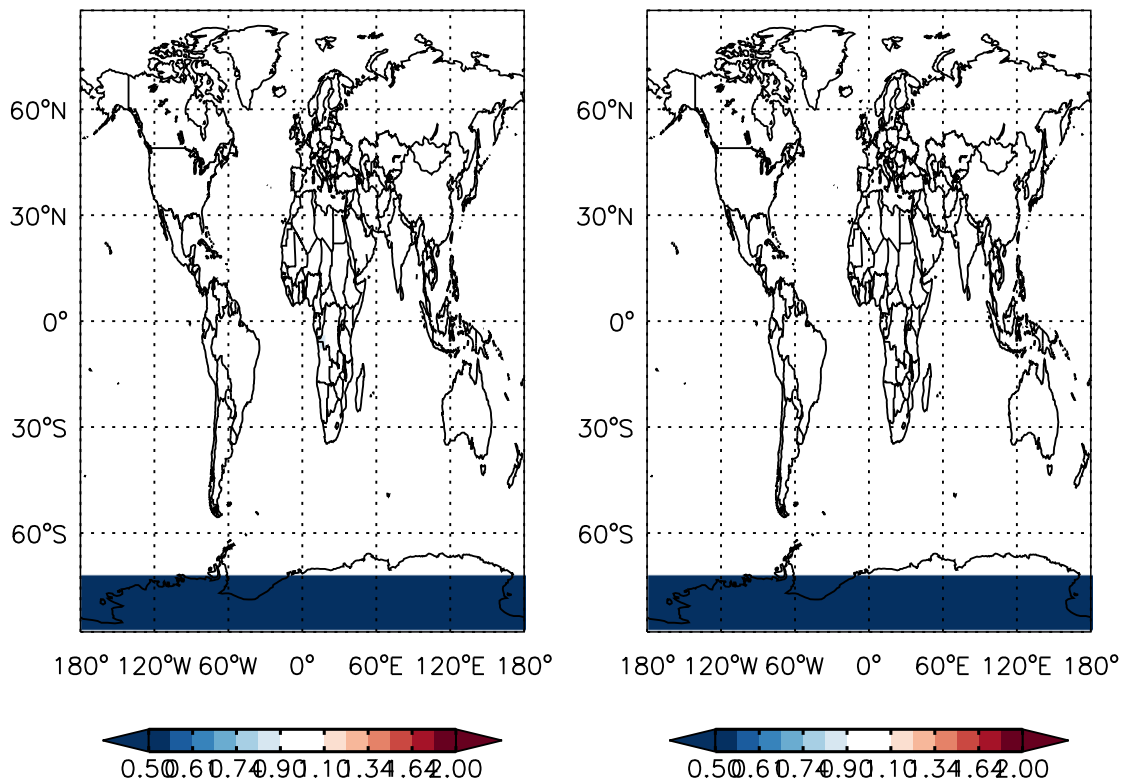
v11-01d-Run0 - v11-01b-Run0 v11-01d-Run0 - v11-01b-Run0

JMK - J-Value Ratio @ surface for JMK - J-Value Ratio @ 500 hPa for Jul



v11-01d-Run0 - v10-01-public-Run0 v11-01d-Run0 - v10-01-public-Run0

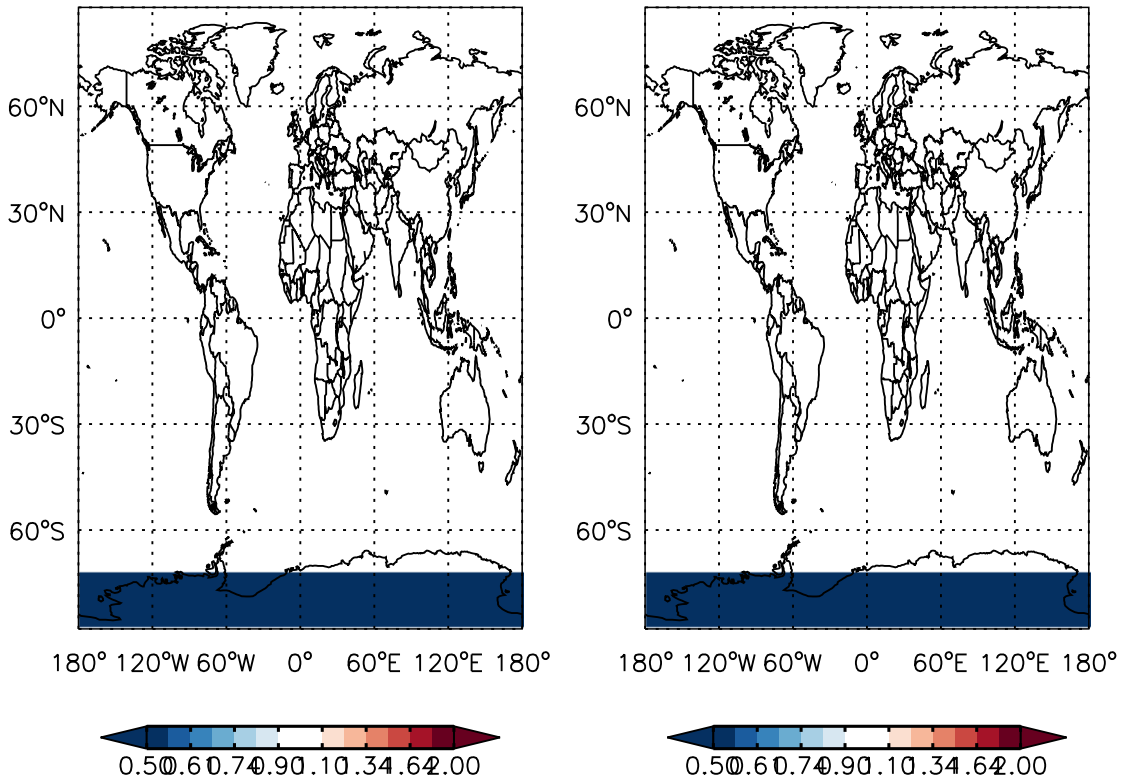
JMK - J-Value Ratio @ surface for JMK - J-Value Ratio @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

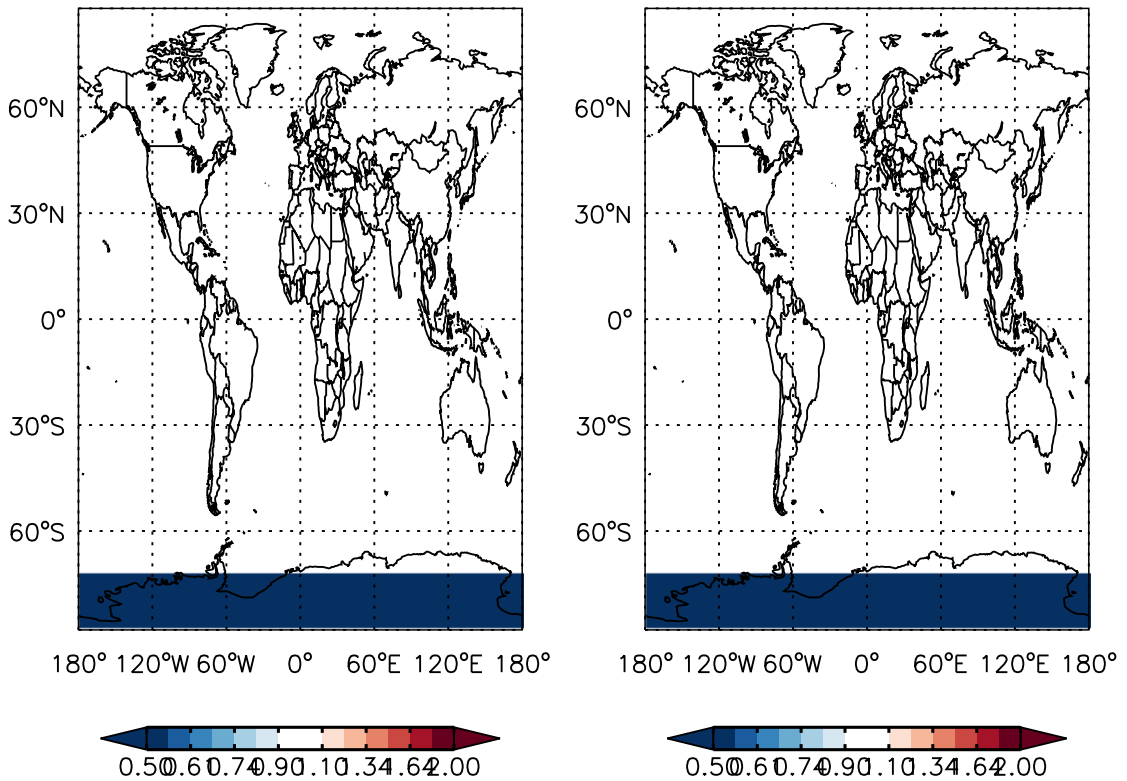
v11-01d-Run0 - v11-01b-Run0 v11-01d-Run0 - v11-01b-Run0

JMACR - J-Value Ratio @ surface fJMACR - J-Value Ratio @ 500 hPa for Jul



v11-01d-Run0 - v10-01-public-Run0 v11-01d-Run0 - v10-01-public-Run0

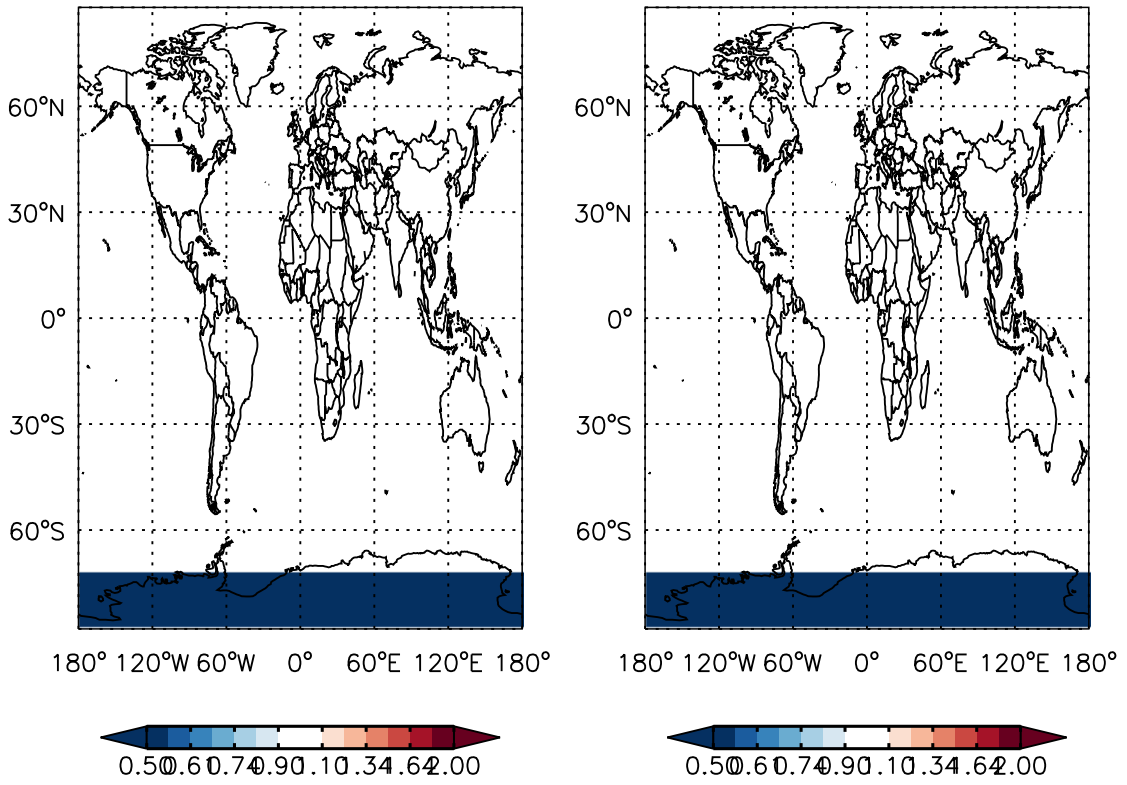
JMACR - J-Value Ratio @ surface fJMACR - J-Value Ratio @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

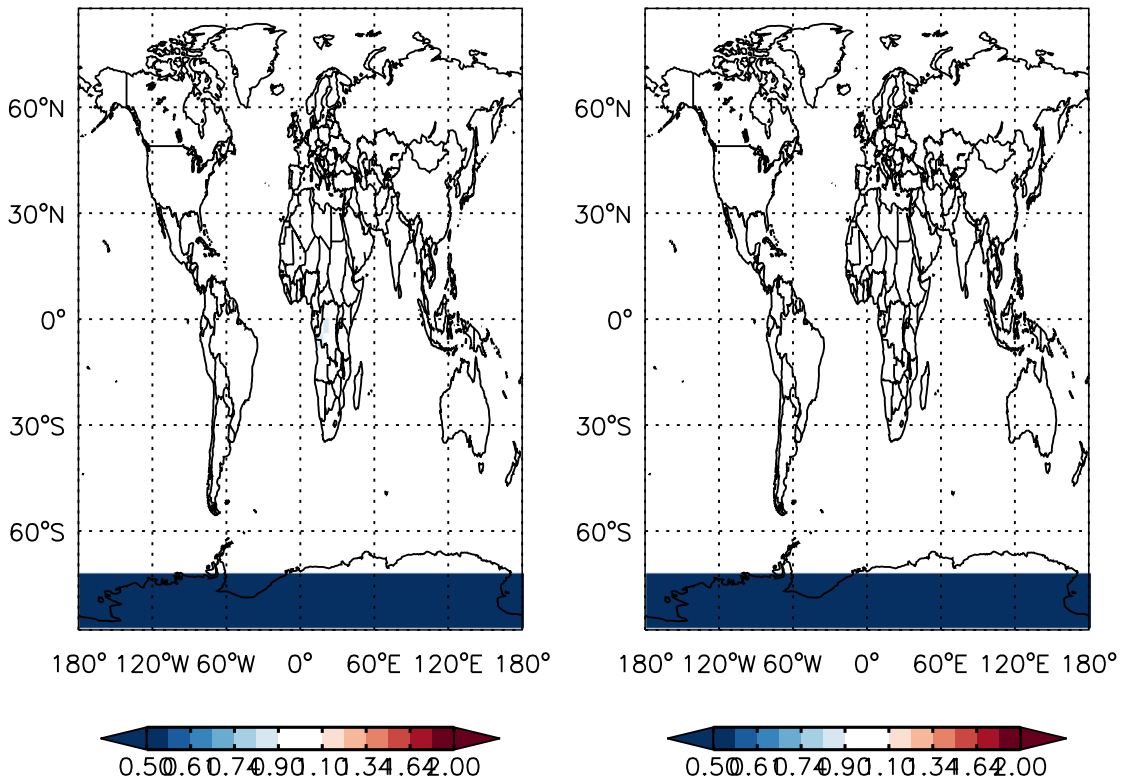
v11-01d-Run0 - v11-01b-Run0 v11-01d-Run0 - v11-01b-Run0

JCH2O - J-Value Ratio @ surface fdCH2O - J-Value Ratio @ 500 hPa for Jul



v11-01d-Run0 - v10-01-public-Run0 v11-01d-Run0 - v10-01-public-Run0

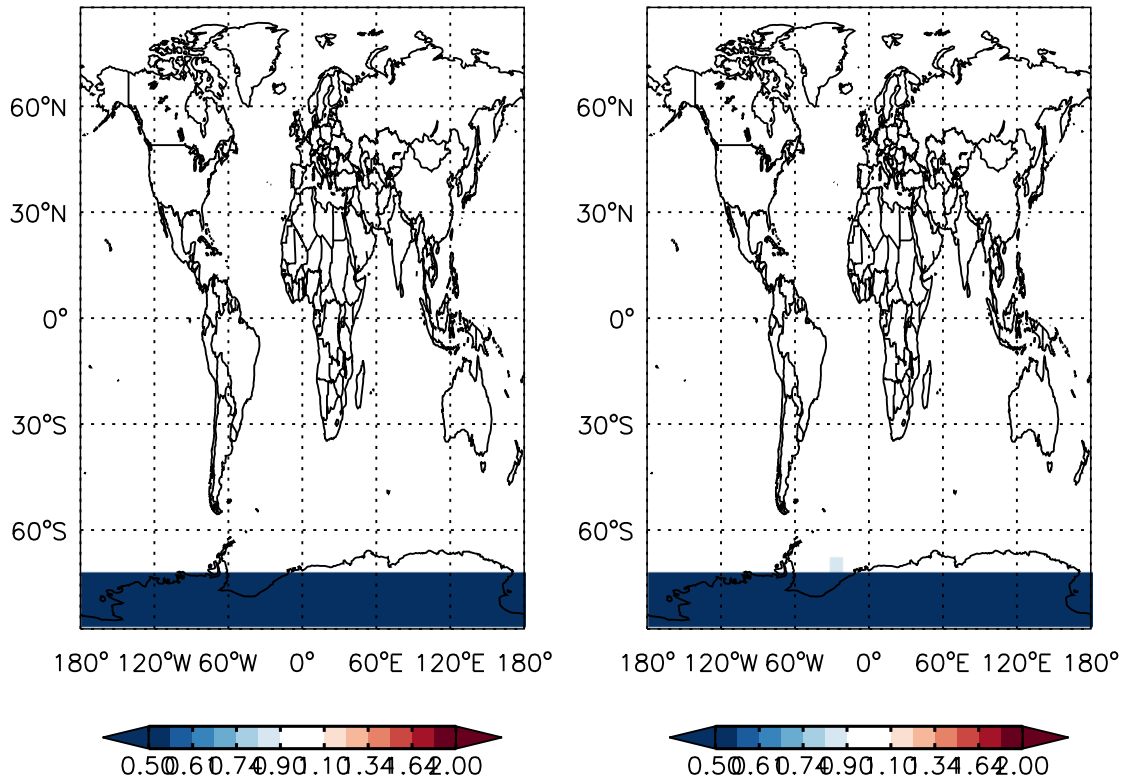
JCH2O - J-Value Ratio @ surface fdCH2O - J-Value Ratio @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

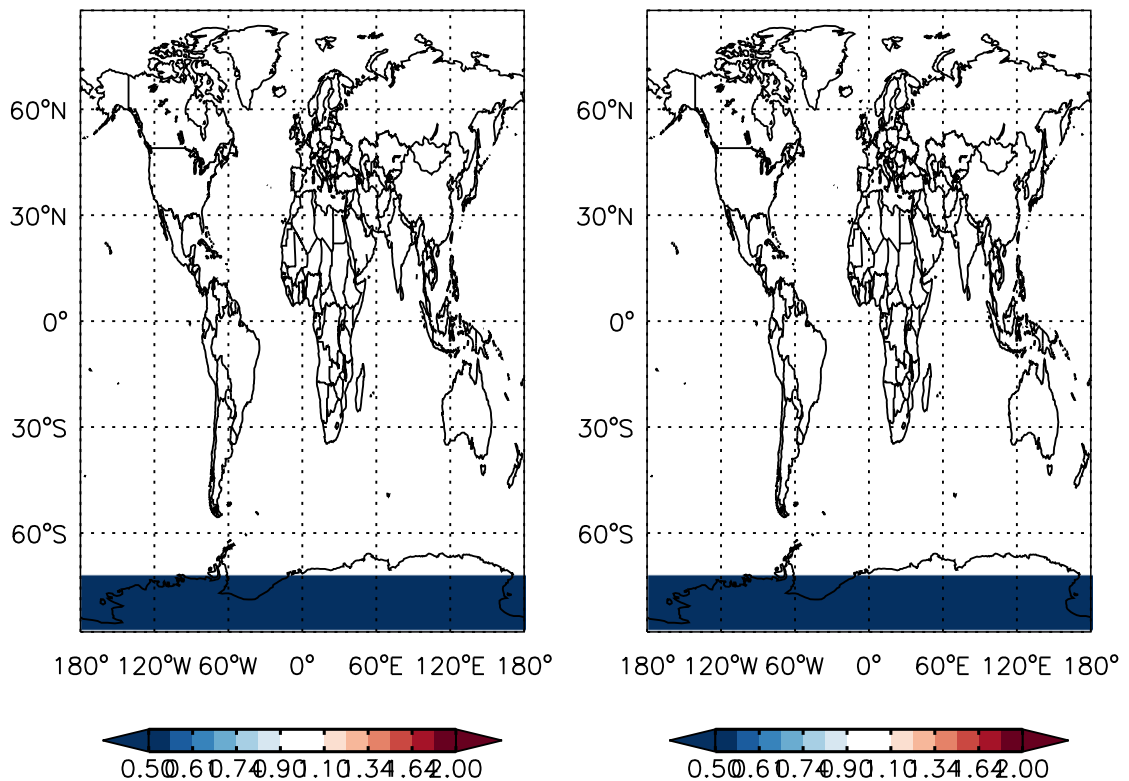
v11-01d-Run0 - v11-01b-Run0 v11-01d-Run0 - v11-01b-Run0

JBr2 - J-Value Ratio @ surface for JBr2 - J-Value Ratio @ 500 hPa for Jul



v11-01d-Run0 - v10-01-public-Run0 v11-01d-Run0 - v10-01-public-Run0

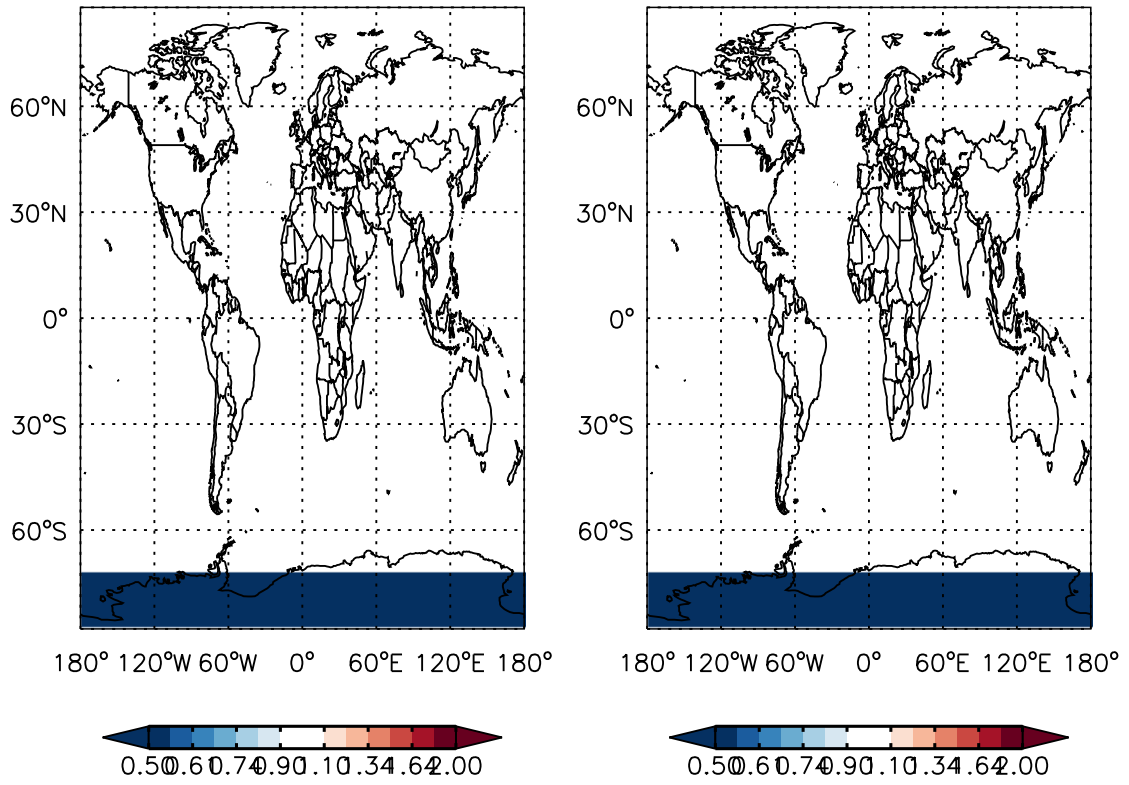
JBr2 - J-Value Ratio @ surface for JBr2 - J-Value Ratio @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

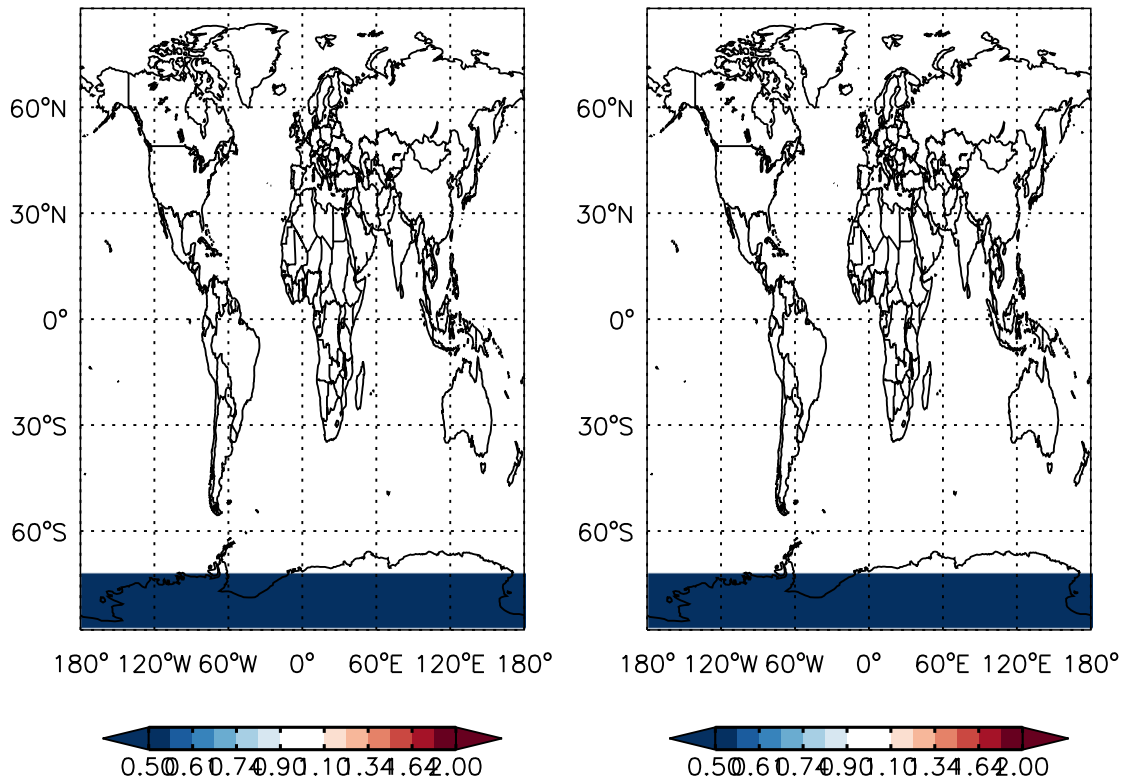
v11-01d-Run0 - v11-01b-Run0 v11-01d-Run0 - v11-01b-Run0

JBrO - J-Value Ratio @ surface for JBrO - J-Value Ratio @ 500 hPa for Jul



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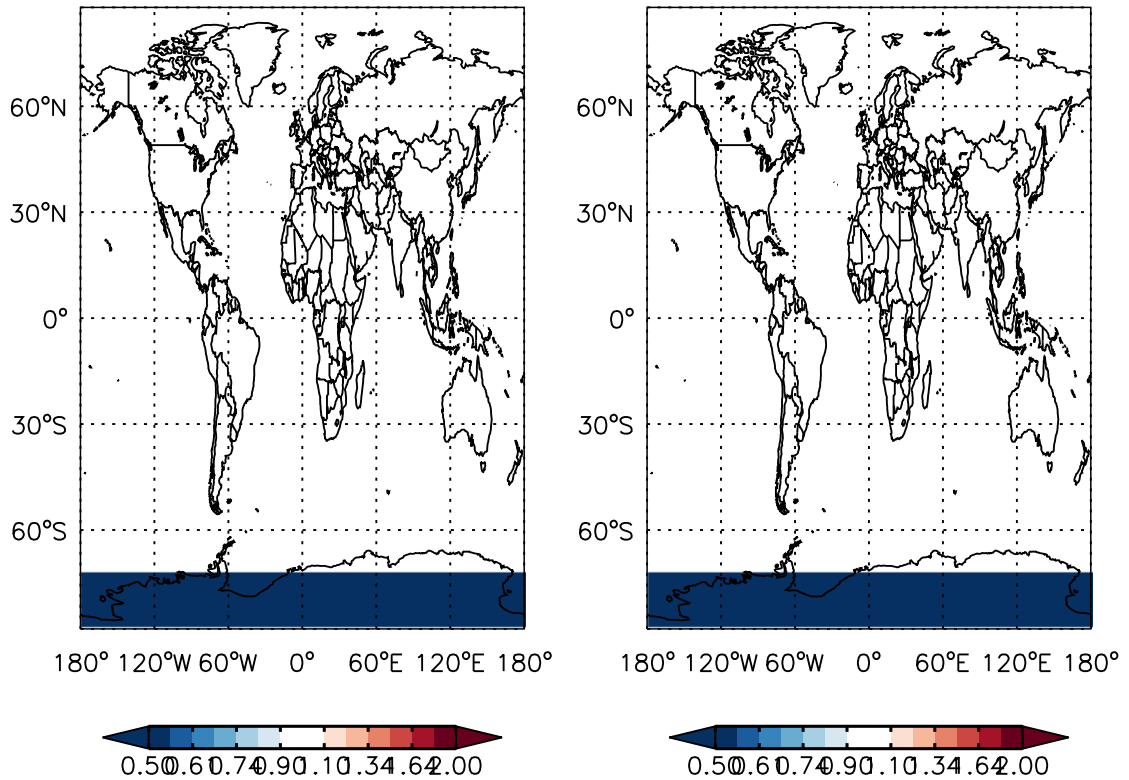
JBrO - J-Value Ratio @ surface for JBrO - J-Value Ratio @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

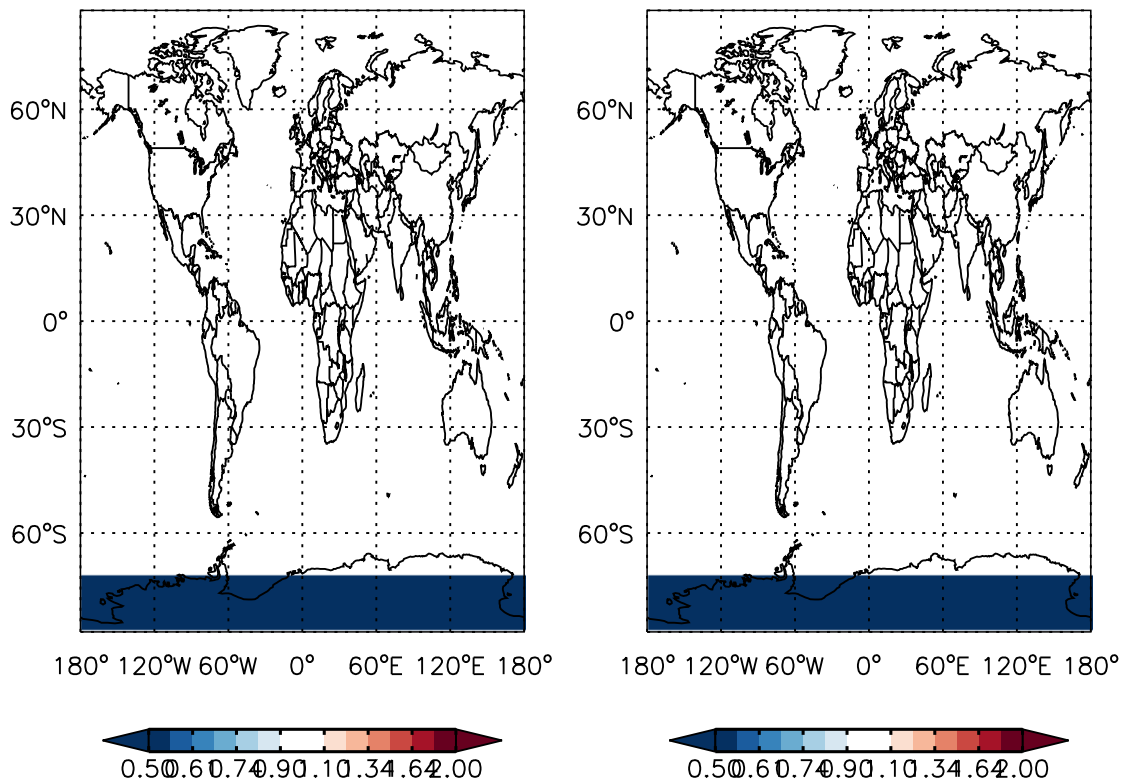
v11-01d-Run0 - v11-01b-Run0 v11-01d-Run0 - v11-01b-Run0

JHOBr - J-Value Ratio @ surface for H0Br - J-Value Ratio @ 500 hPa for Jul



v11-01d-Run0 - v10-01-public-Run0 v11-01d-Run0 - v10-01-public-Run0

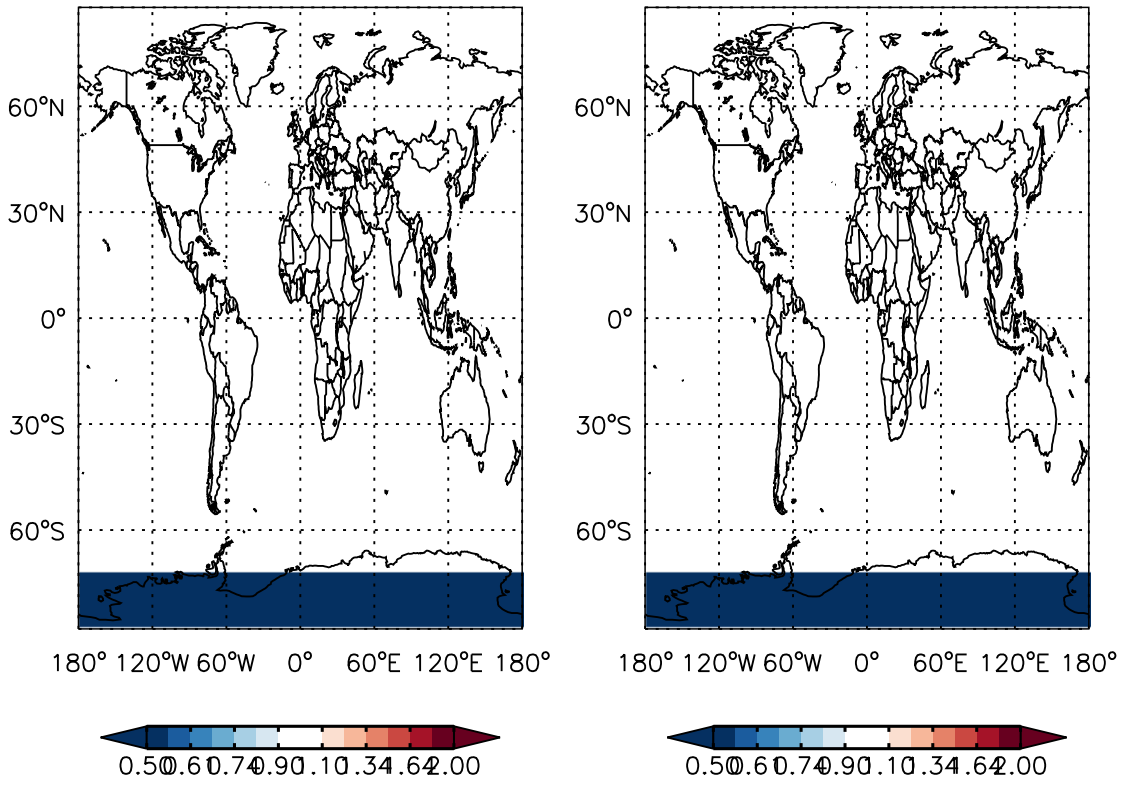
JHOBr - J-Value Ratio @ surface for H0Br - J-Value Ratio @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

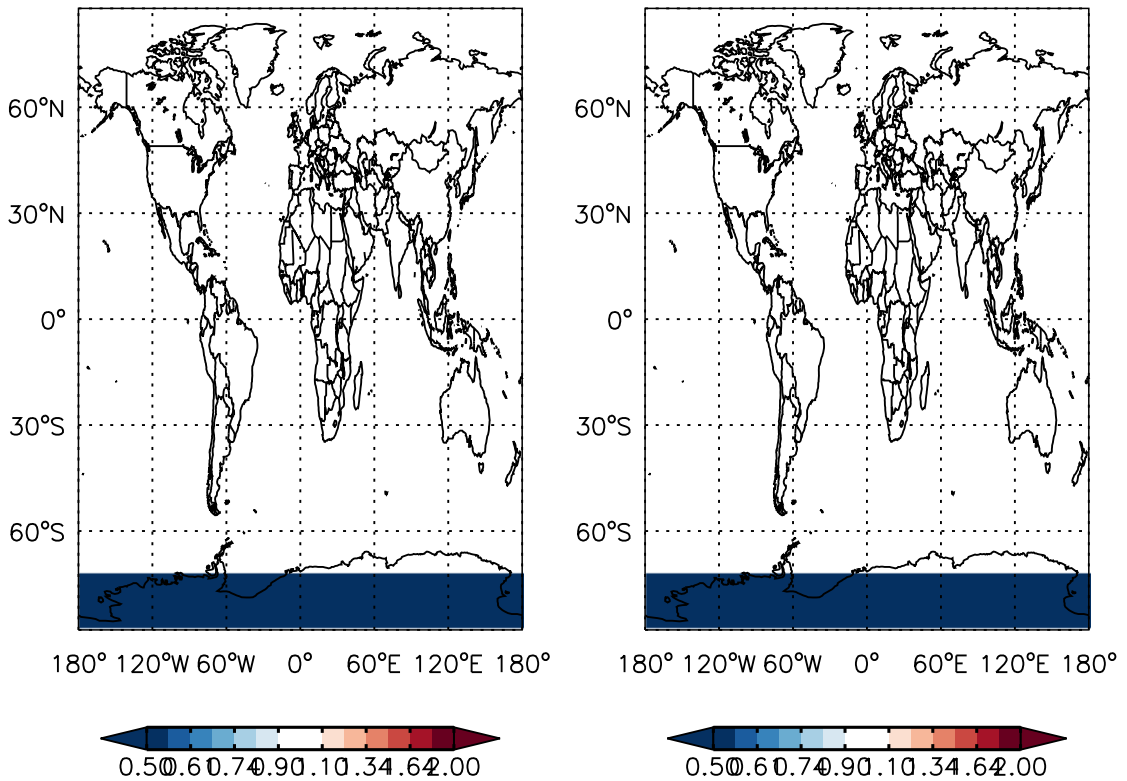
v11-01d-Run0 - v11-01b-Run0 v11-01d-Run0 - v11-01b-Run0

JBrNO2 - J-Value Ratio @ surface JBrNO2 - J-Value Ratio @ 500 hPa for Jul



v11-01d-Run0 - v10-01-public-Run0 v11-01d-Run0 - v10-01-public-Run0

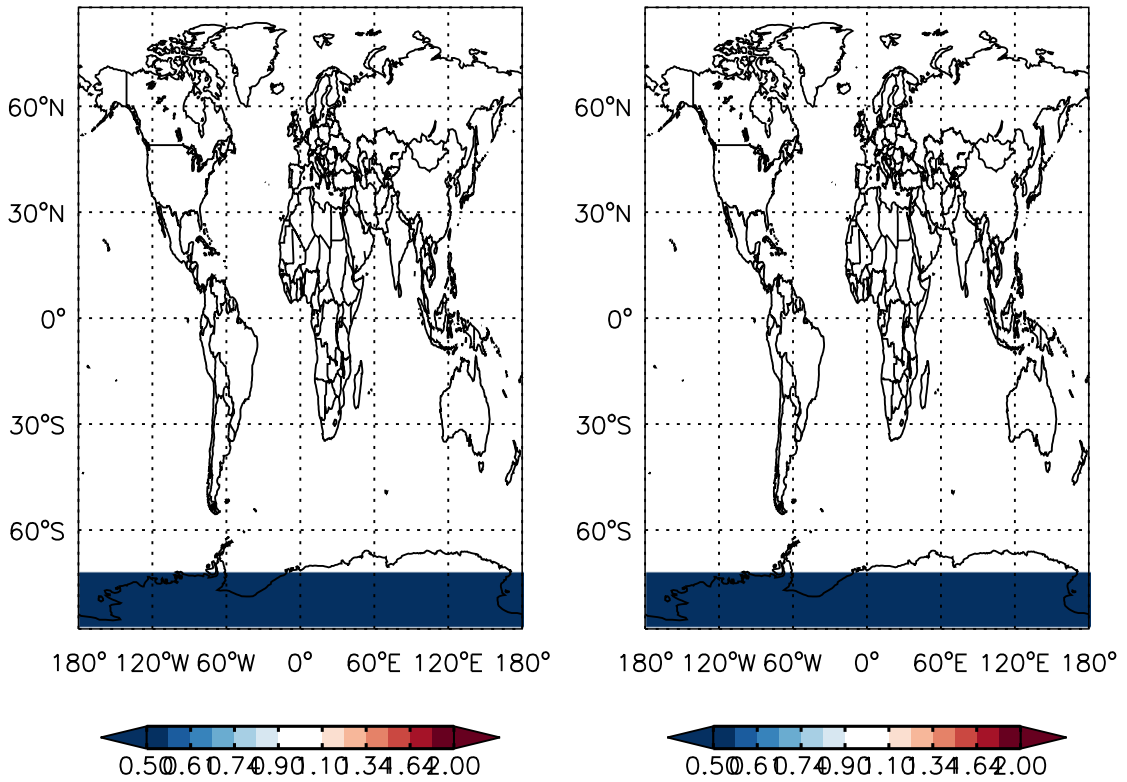
JBrNO2 - J-Value Ratio @ surface JBrNO2 - J-Value Ratio @ 500 hPa for Jul



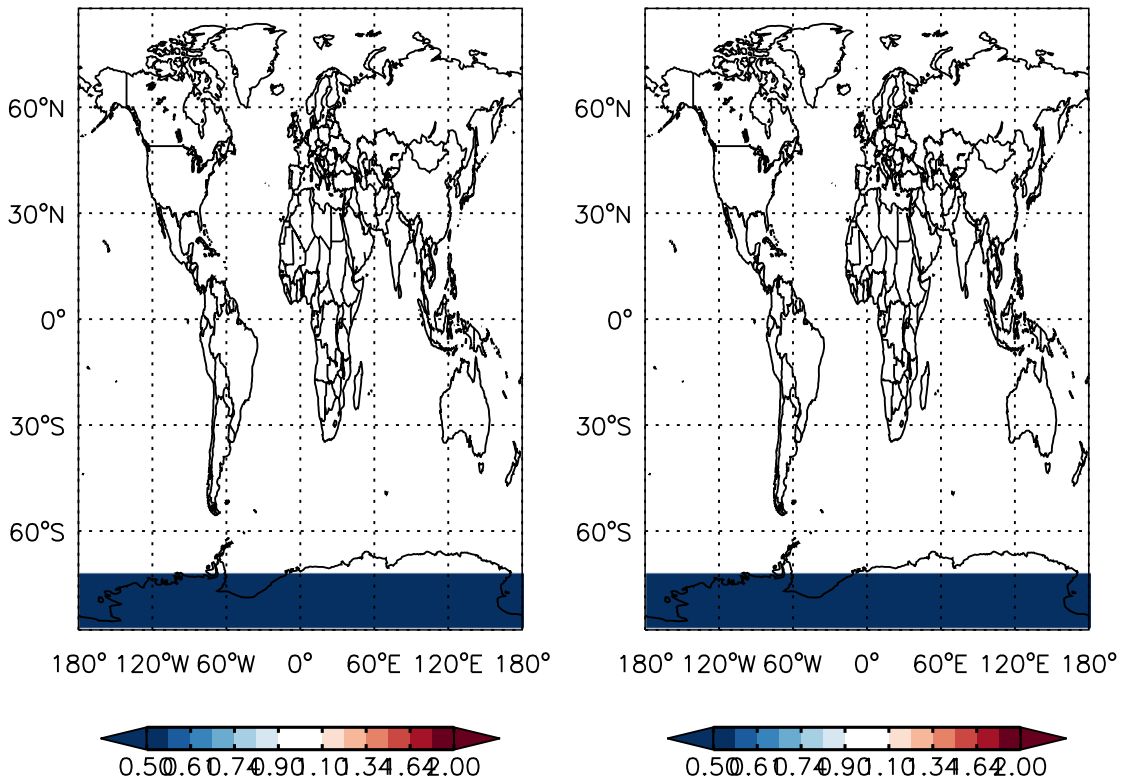
GEOS-Chem J-Values at surface and 500 hPa

v11-01d-Run0 - v11-01b-Run0 v11-01d-Run0 - v11-01b-Run0

JBrNO3 - J-Value Ratio @ surface (v11-01d-Run0 - v11-01b-Run0) / v11-01d-Run0
JBrNO3 - J-Value Ratio @ 500 hPa (v11-01d-Run0 - v11-01b-Run0) / v11-01d-Run0 for Jul



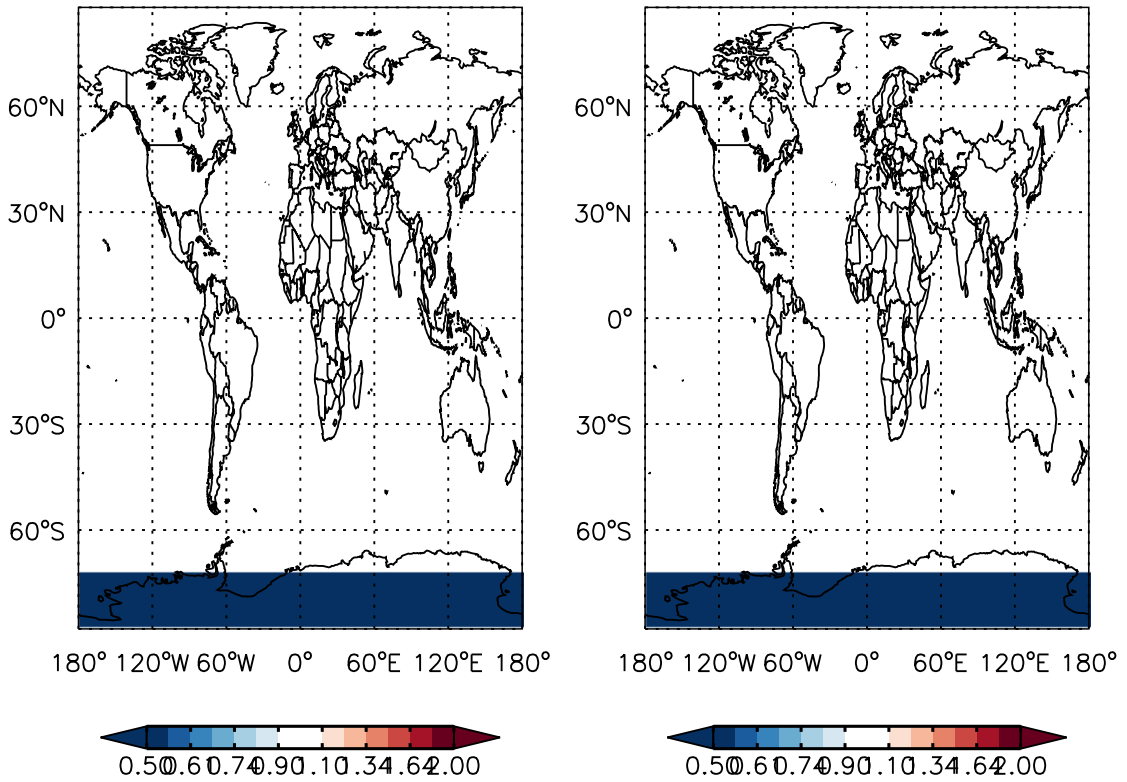
v11-01d-Run0 - v10-01-public-Run0 v11-01d-Run0 - v10-01-public-Run0
JBrNO3 - J-Value Ratio @ surface (v11-01d-Run0 - v10-01-public-Run0) / v11-01d-Run0
JBrNO3 - J-Value Ratio @ 500 hPa (v11-01d-Run0 - v10-01-public-Run0) / v11-01d-Run0 for Jul



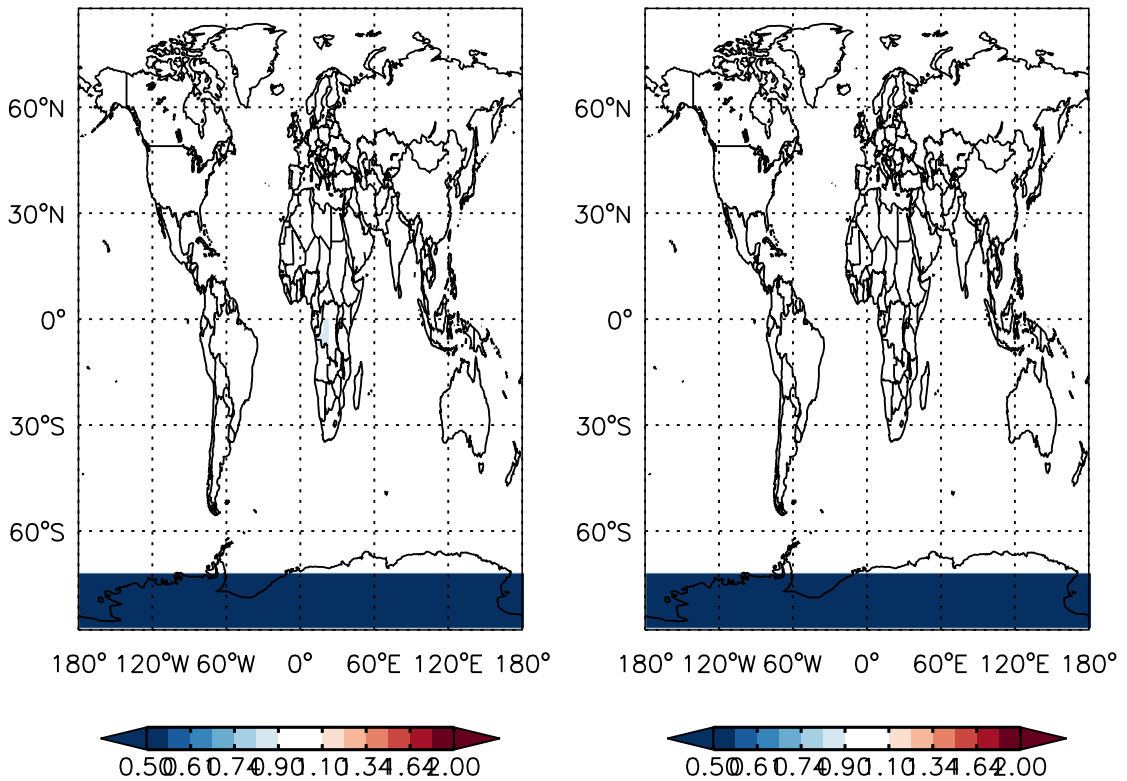
GEOS-Chem J-Values at surface and 500 hPa

v11-01d-Run0 - v11-01b-Run0 v11-01d-Run0 - v11-01b-Run0

JCHBr3 - J-Value Ratio @ surface to CHBr3 - J-Value Ratio @ 500 hPa for Jul



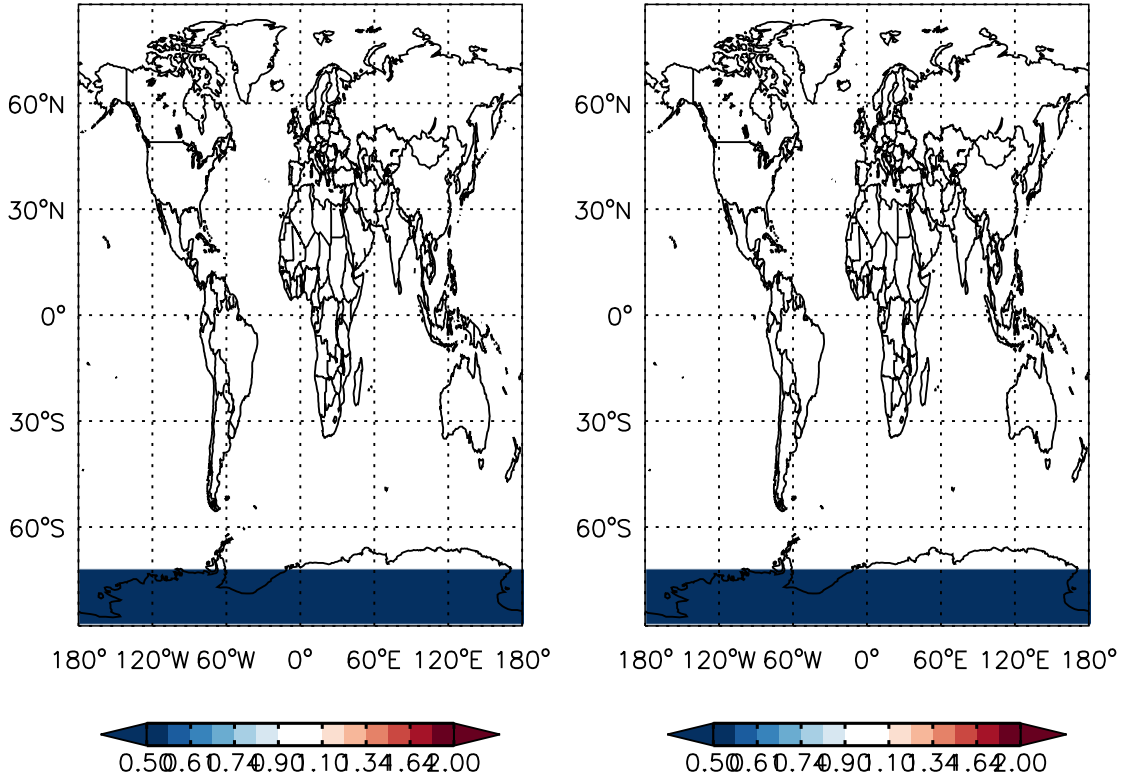
v11-01d-Run0 - v10-01-public-Run0 v11-01d-Run0 - v10-01-public-Run0
JCHBr3 - J-Value Ratio @ surface to CHBr3 - J-Value Ratio @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

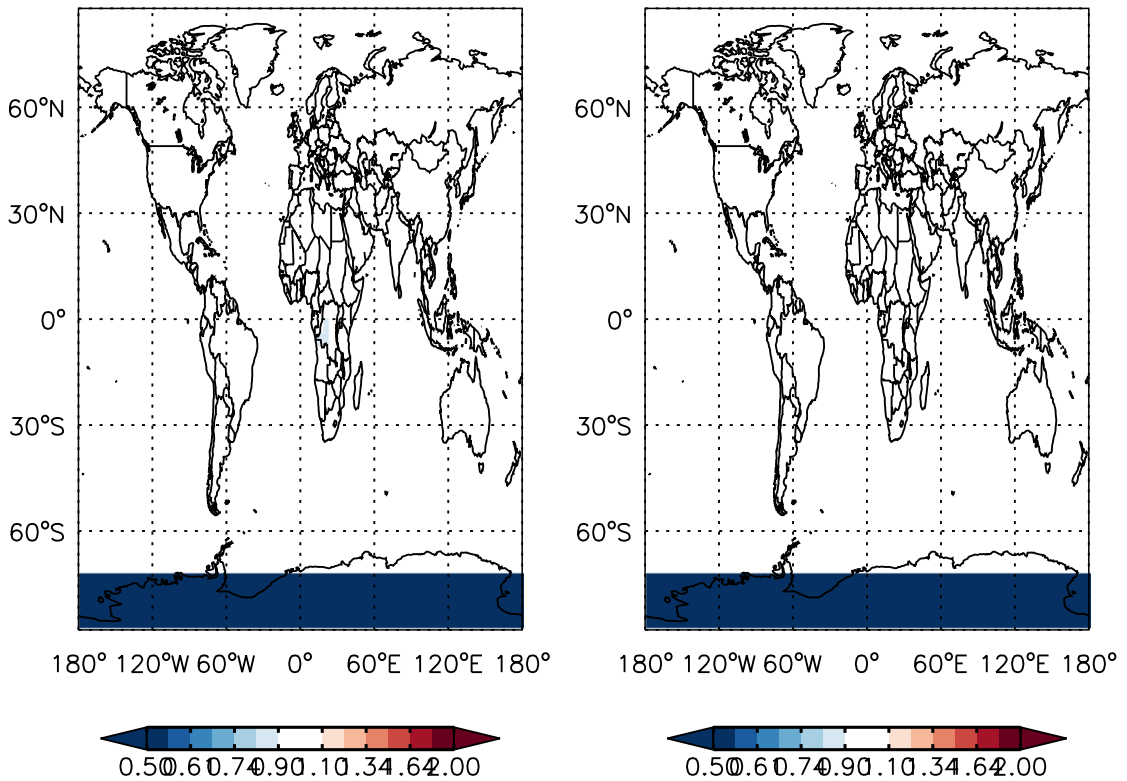
v11-01d-Run0 - v11-01b-Run0 v11-01d-Run0 - v11-01b-Run0

JHAC - J-Value Ratio @ surface for Jul JHAC - J-Value Ratio @ 500 hPa for Jul



v11-01d-Run0 - v10-01-public-Run0 v11-01d-Run0 - v10-01-public-Run0

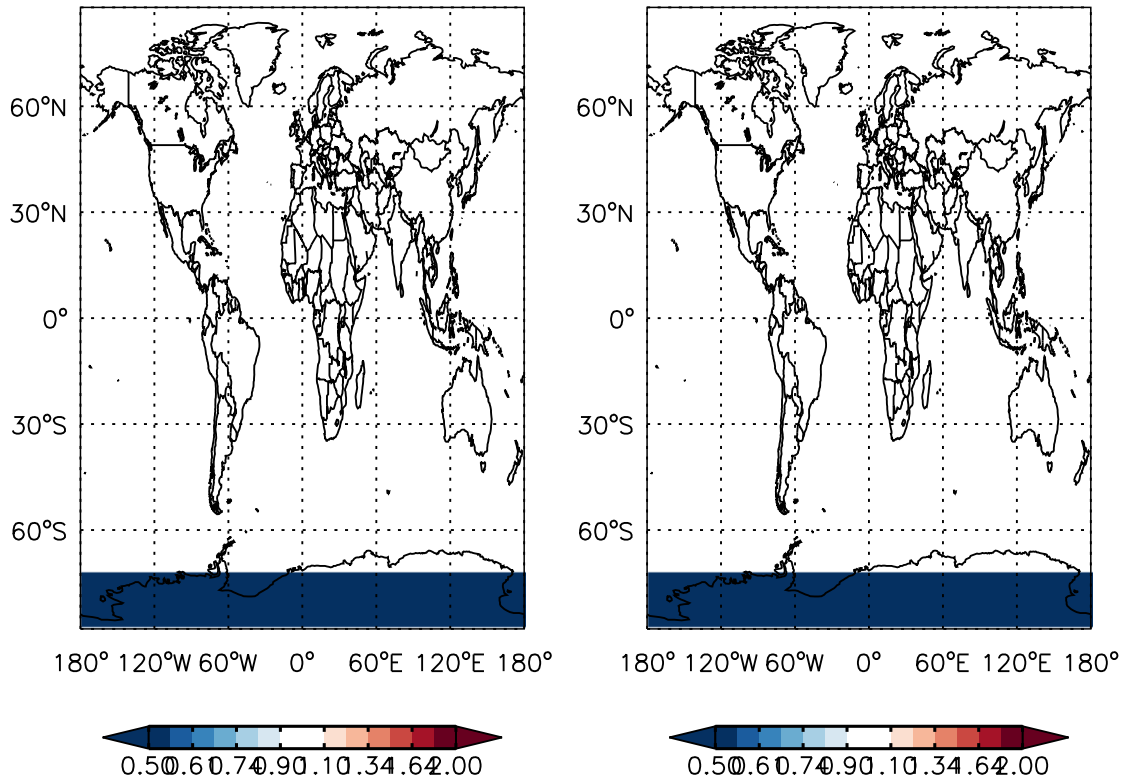
JHAC - J-Value Ratio @ surface for Jul JHAC - J-Value Ratio @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

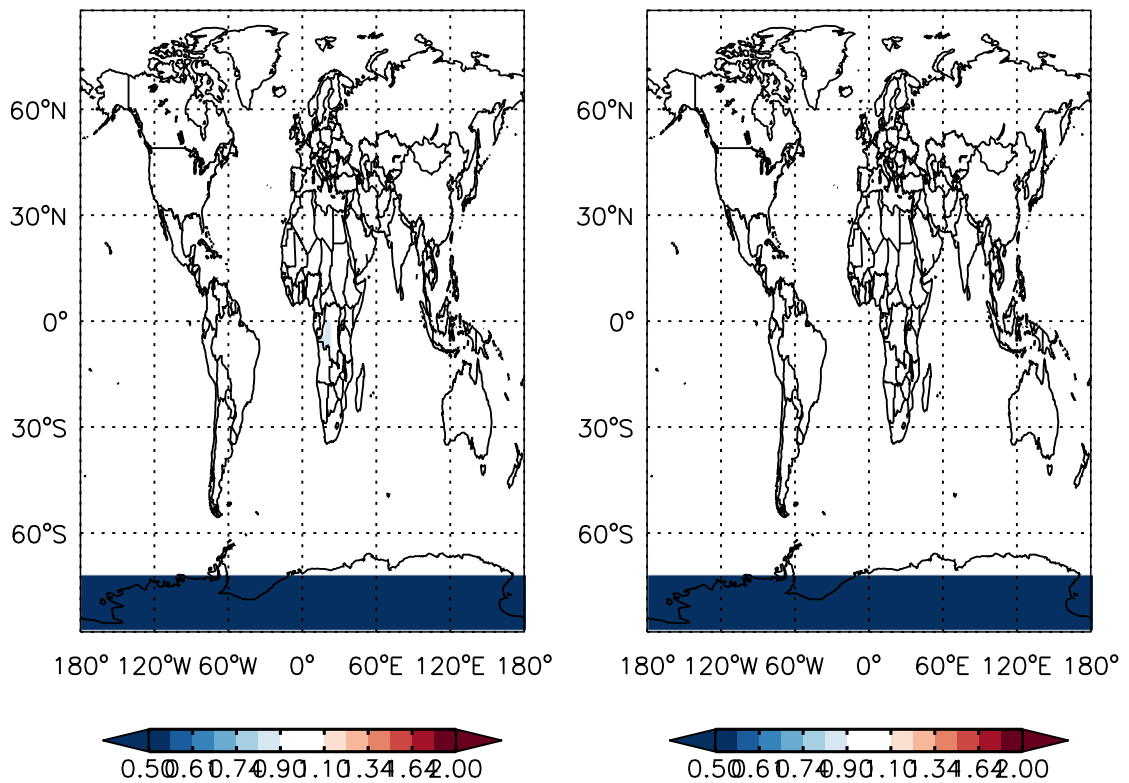
v11-01d-Run0 - v11-01b-Run0 v11-01d-Run0 - v11-01b-Run0

JGLYC - J-Value Ratio @ surface for JGLYC - J-Value Ratio @ 500 hPa for Jul



v11-01d-Run0 - v10-01-public-Run0 v11-01d-Run0 - v10-01-public-Run0

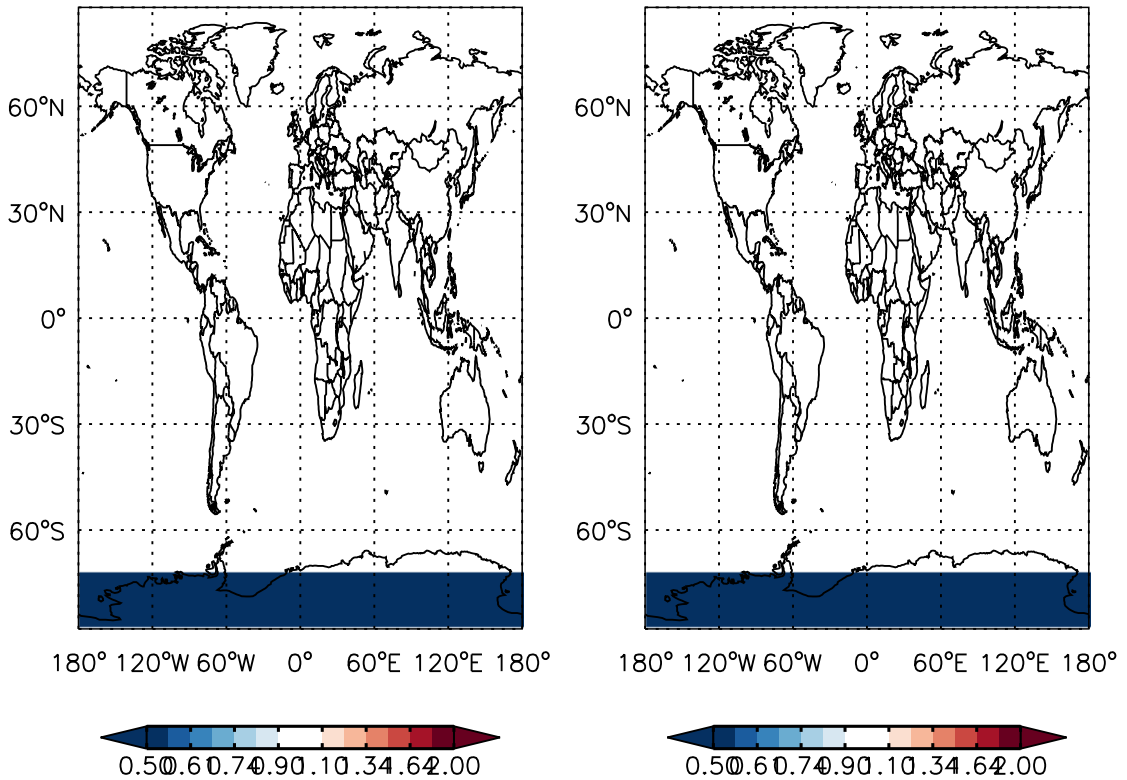
JGLYC - J-Value Ratio @ surface for JGLYC - J-Value Ratio @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

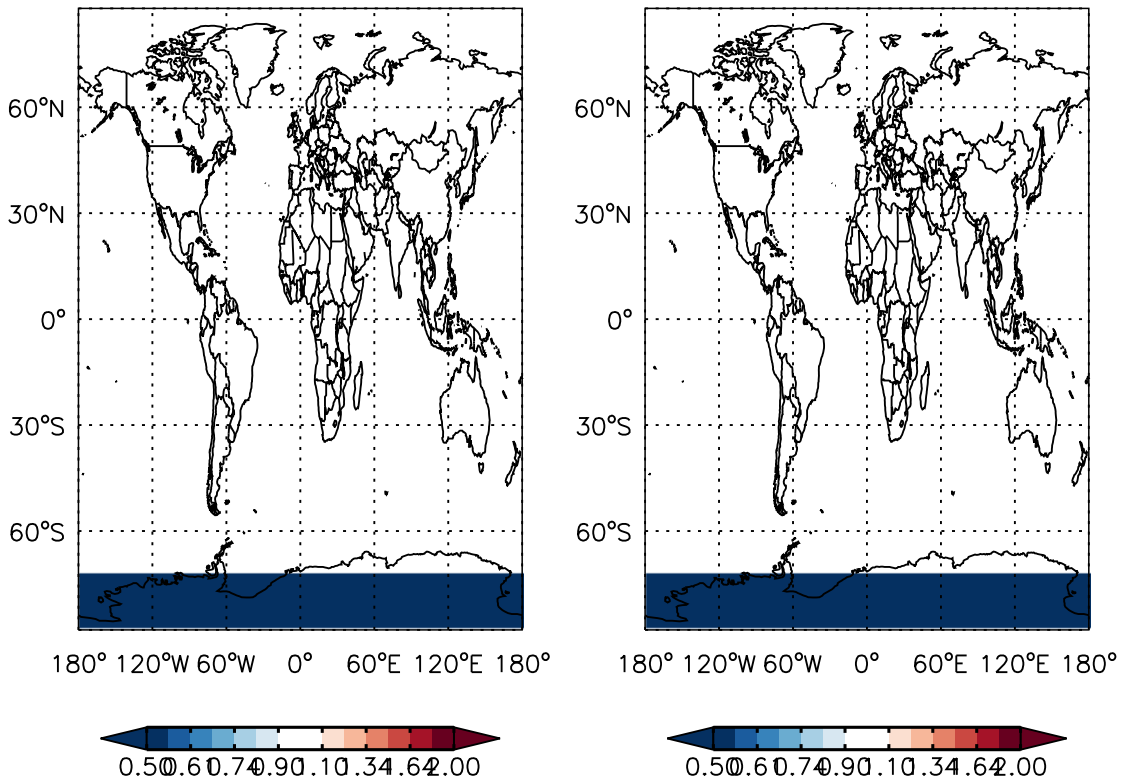
v11-01d-Run0 - v11-01b-Run0 v11-01d-Run0 - v11-01b-Run0

JNO2 - J-Value Ratio @ surface for JNO2 - J-Value Ratio @ 500 hPa for Jul



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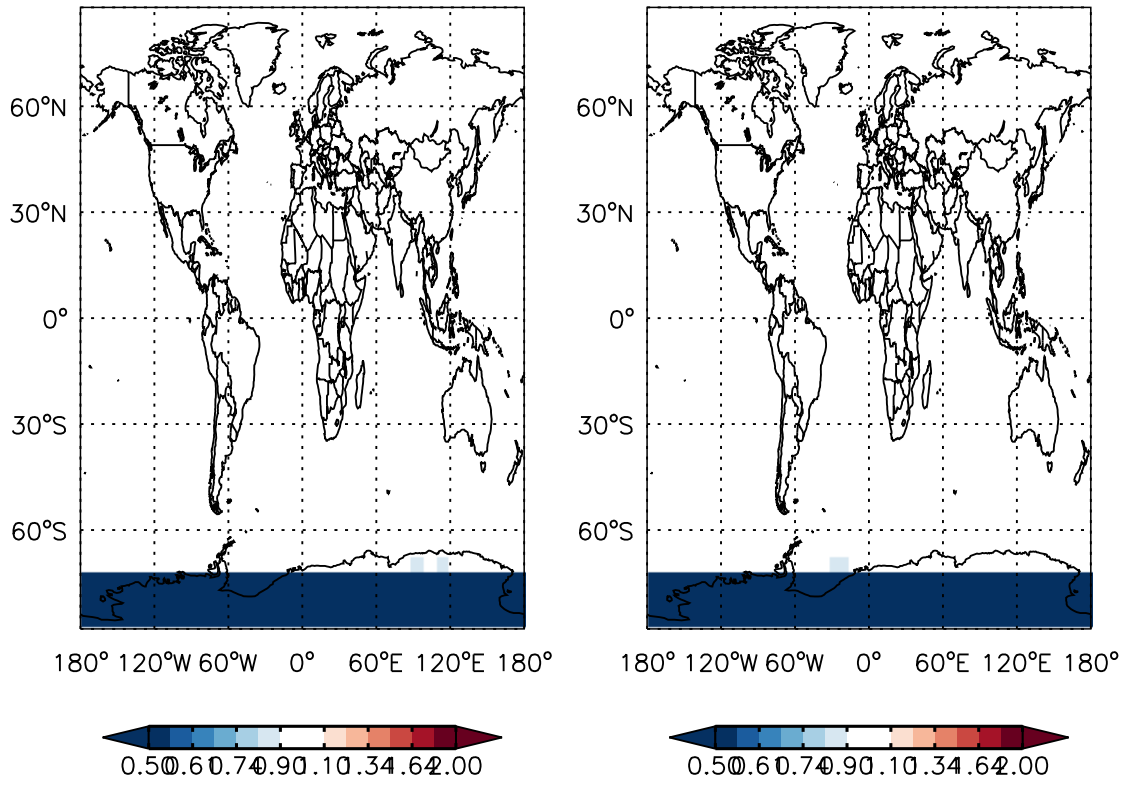
JNO2 - J-Value Ratio @ surface for JNO2 - J-Value Ratio @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

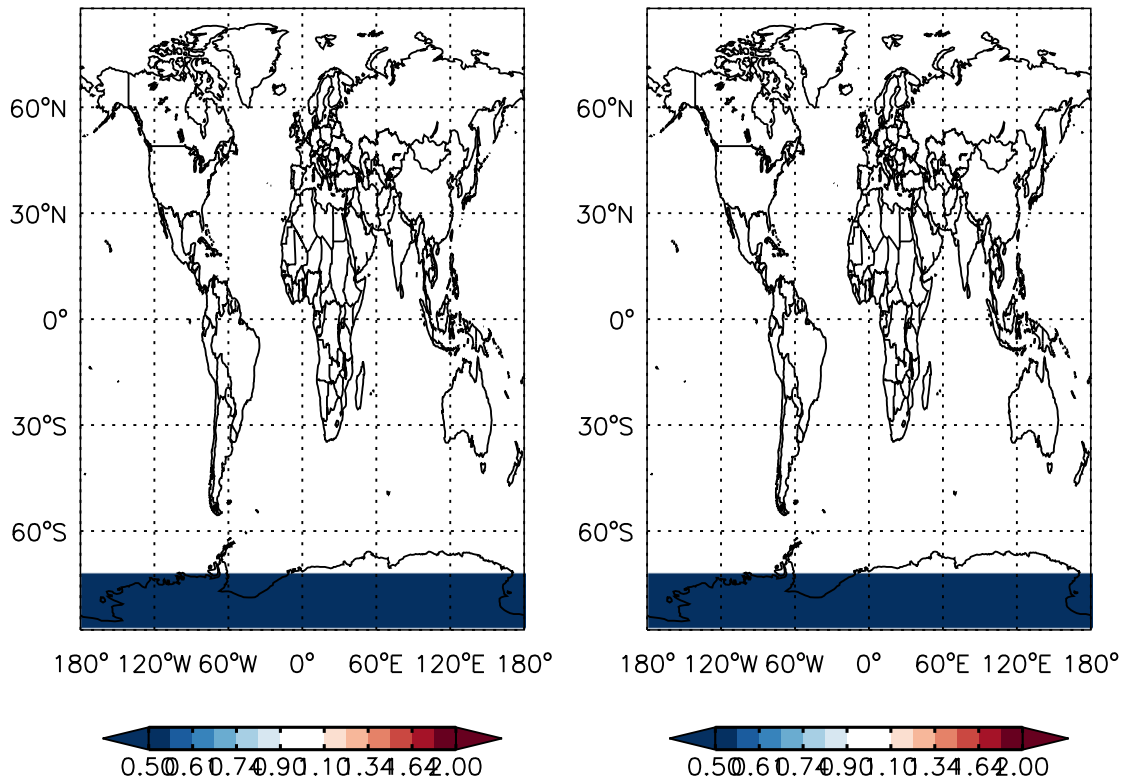
v11-01d-Run0 - v11-01b-Run0 v11-01d-Run0 - v11-01b-Run0

JNO3 - J-Value Ratio @ surface for JNO3 - J-Value Ratio @ 500 hPa for Jul



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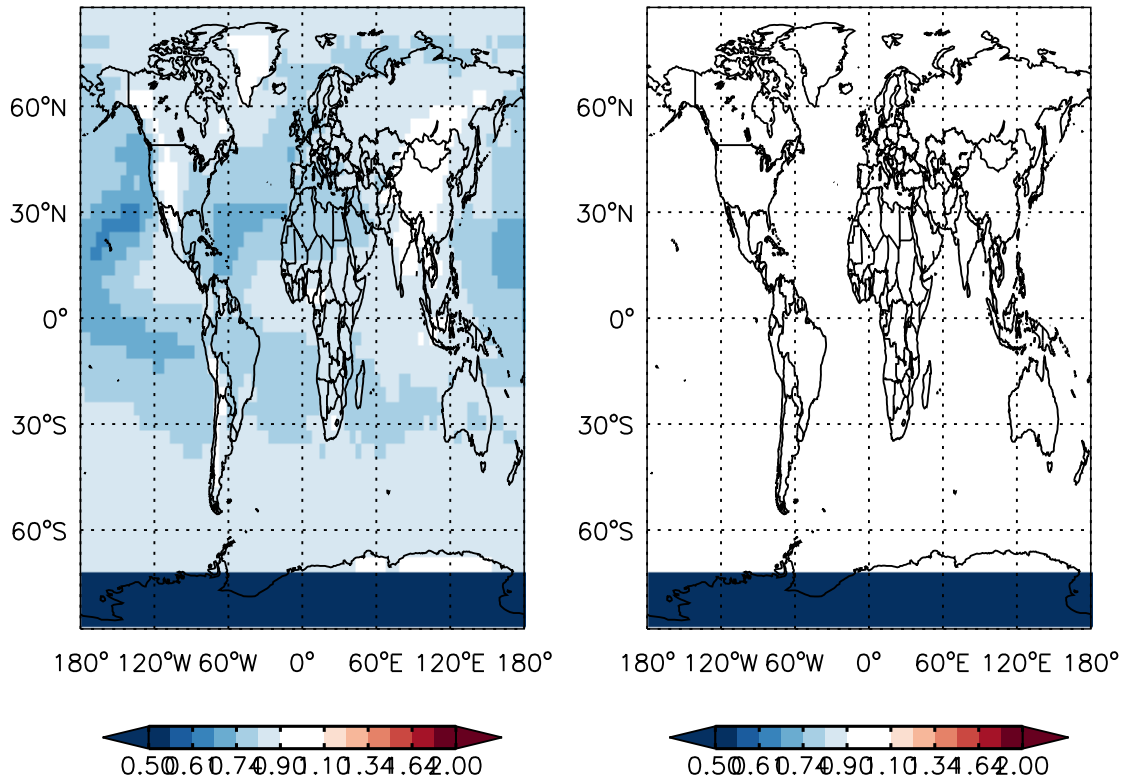
JNO3 - J-Value Ratio @ surface for JNO3 - J-Value Ratio @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

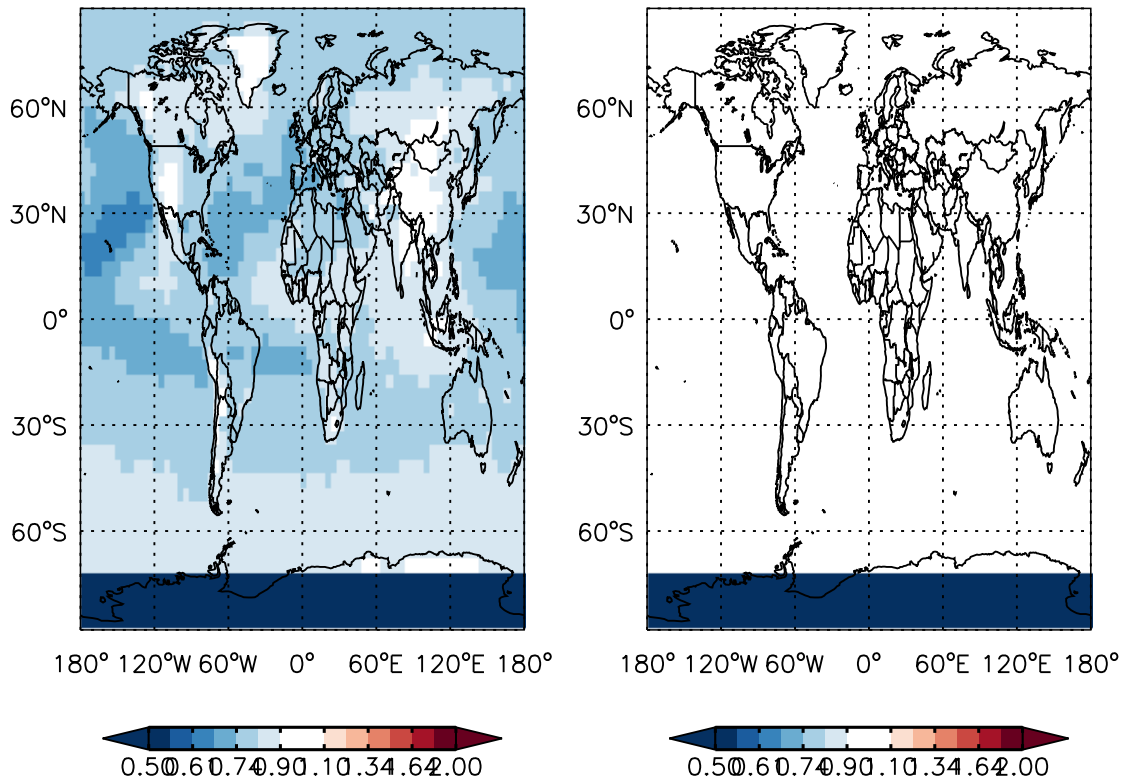
v11-01d-Run0 - v11-01b-Run0 v11-01d-Run0 - v11-01b-Run0

JN20 - J-Value Ratio @ surface for JN20 - J-Value Ratio @ 500 hPa for Jul



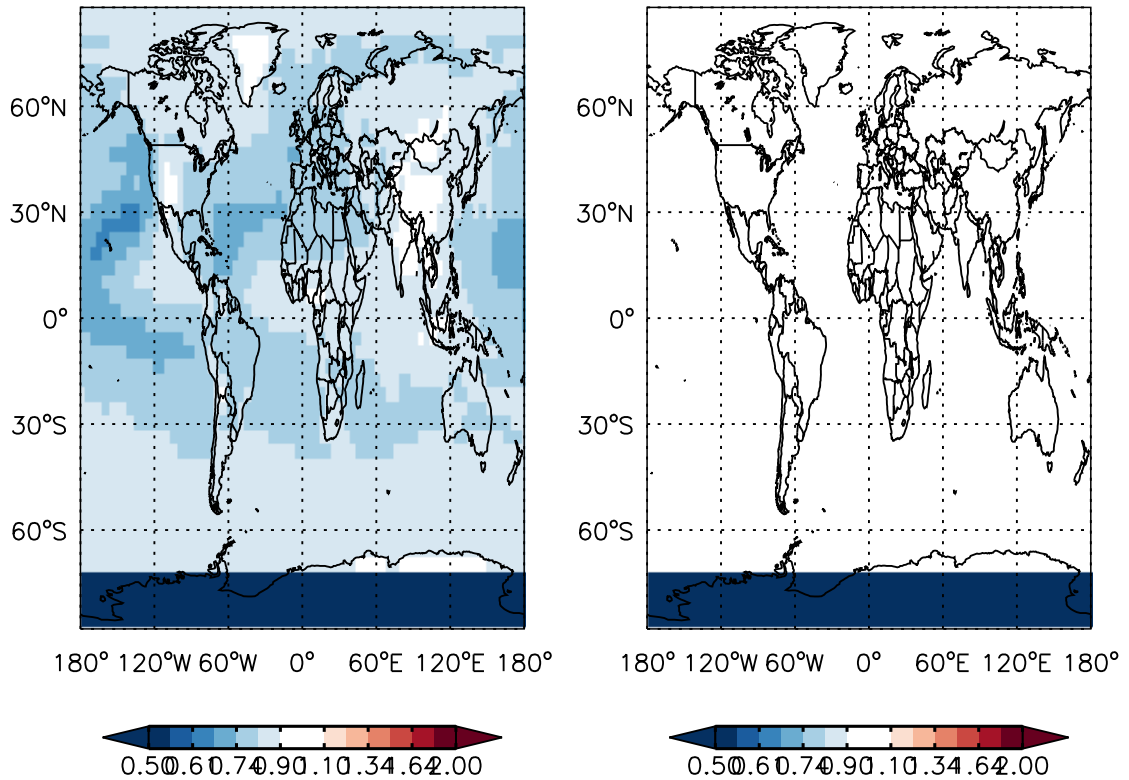
v11-01d-Run0 - v10-01-public-Run0 v11-01d-Run0 - v10-01-public-Run0

JN20 - J-Value Ratio @ surface for JN20 - J-Value Ratio @ 500 hPa for Jul

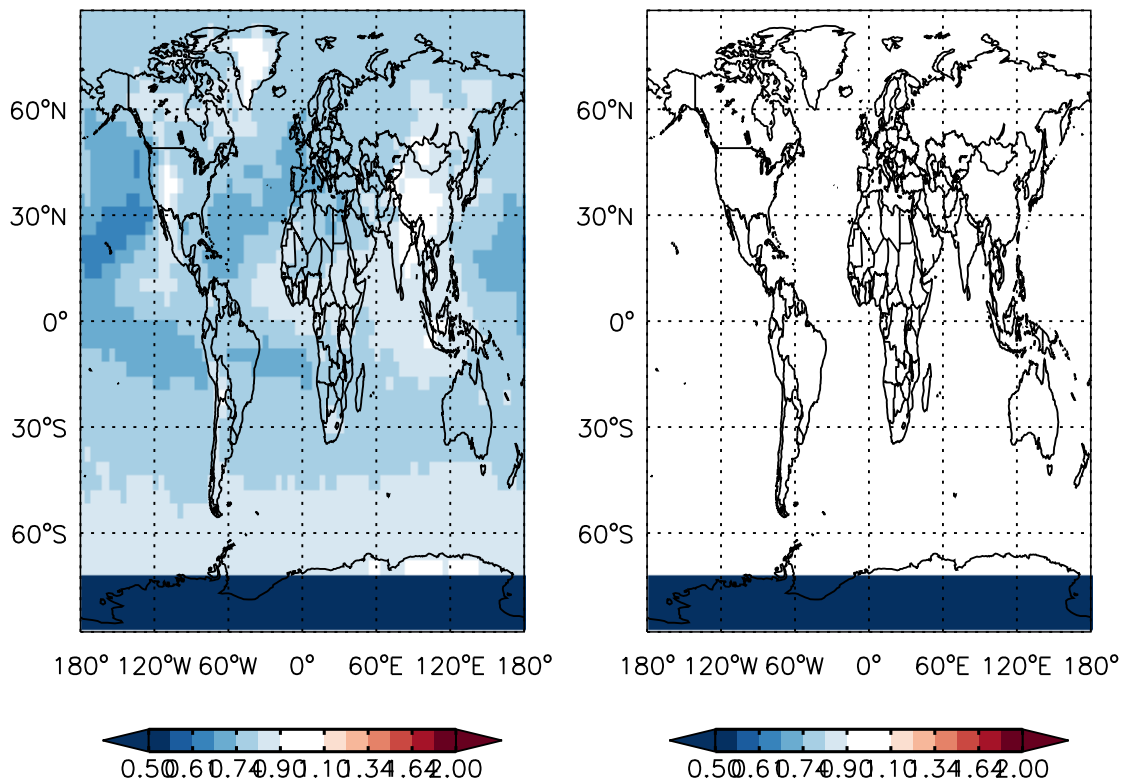


GEOS-Chem J-Values at surface and 500 hPa

v11-01d-Run0 - v11-01b-Run0 v11-01d-Run0 - v11-01b-Run0
JCC14 - J-Value Ratio @ surface for Q14 JCC14 - J-Value Ratio @ 500 hPa for Jul



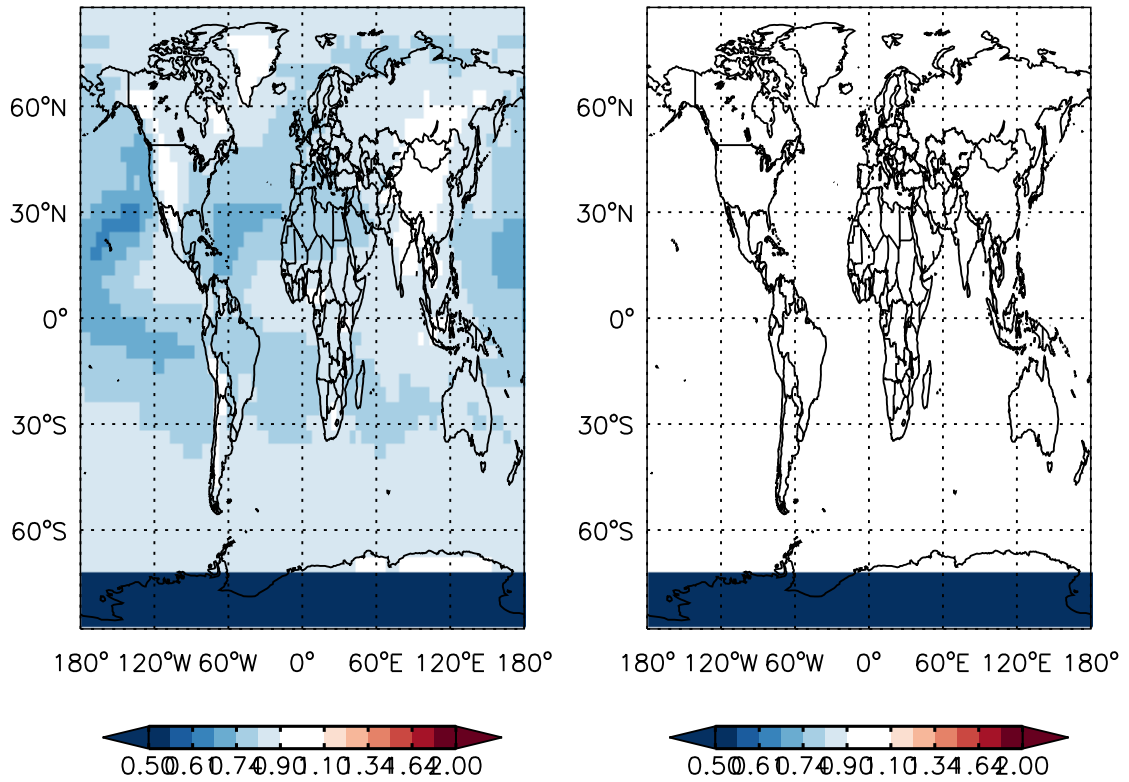
v11-01d-Run0 - v10-01-public-Run0 v11-01d-Run0 - v10-01-public-Run0
JCC14 - J-Value Ratio @ surface for Q14 JCC14 - J-Value Ratio @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

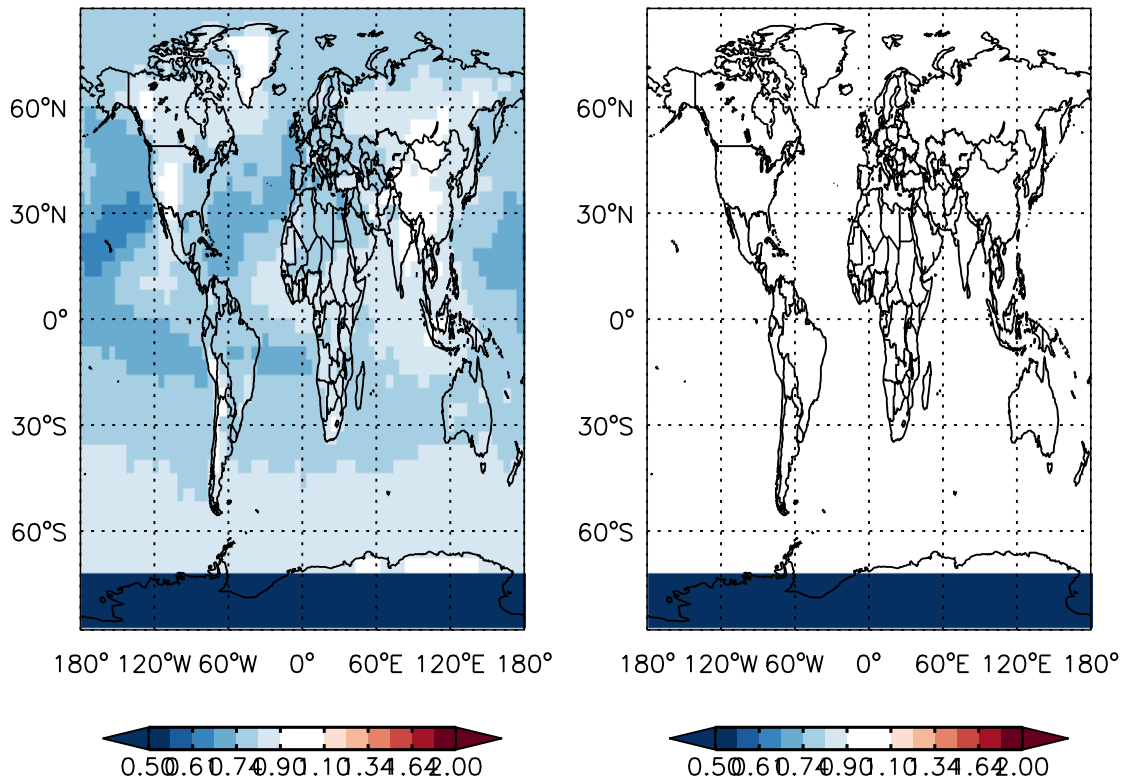
v11-01d-Run0 - v11-01b-Run0 v11-01d-Run0 - v11-01b-Run0

JCH3Cl - J-Value Ratio @ surface for CH3Cl - J-Value Ratio @ 500 hPa for Jul



v11-01d-Run0 - v10-01-public-Run0 v11-01d-Run0 - v10-01-public-Run0

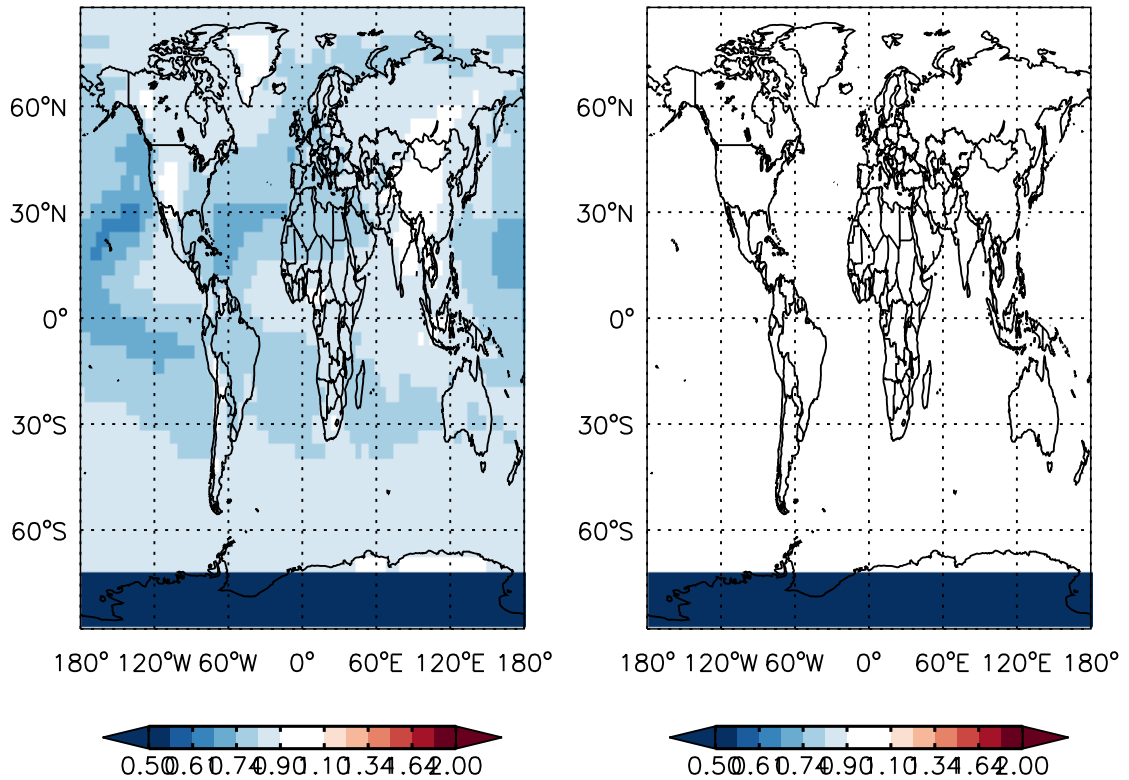
JCH3Cl - J-Value Ratio @ surface for CH3Cl - J-Value Ratio @ 500 hPa for Jul



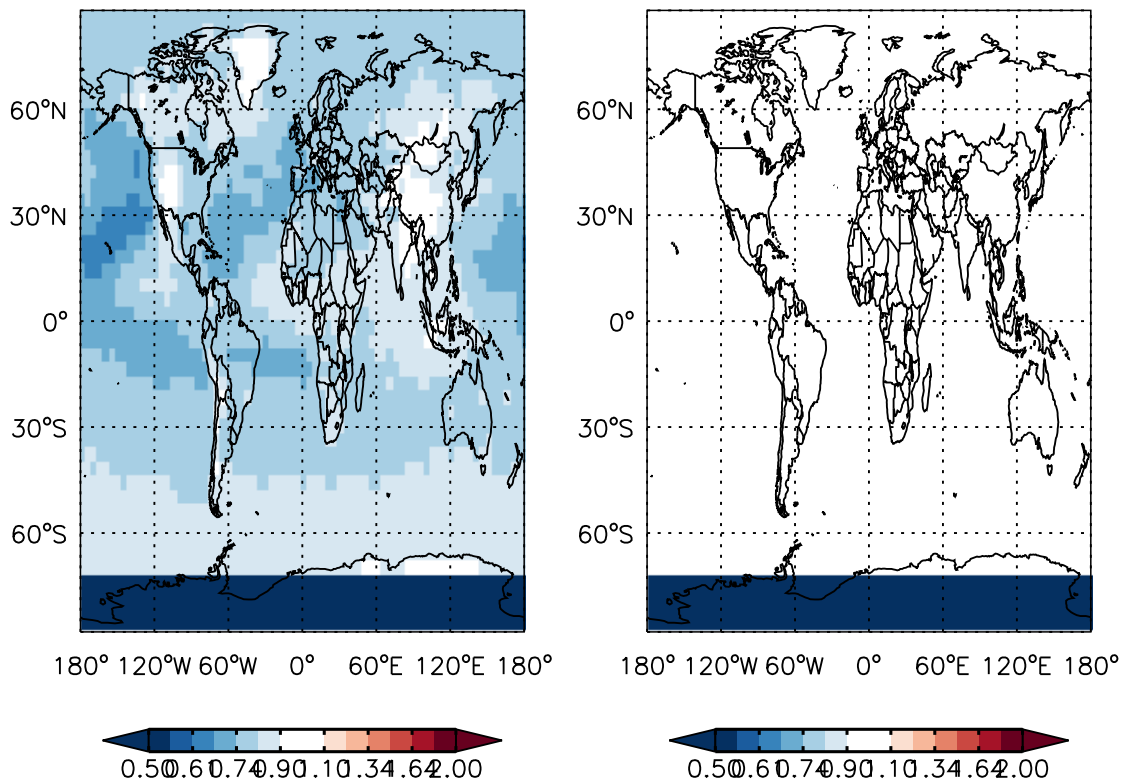
GEOS-Chem J-Values at surface and 500 hPa

v11-01d-Run0 - v11-01b-Run0 v11-01d-Run0 - v11-01b-Run0

JCFC11 - J-Value Ratio @ surface 10/011 - J-Value Ratio @ 500 hPa for Jul



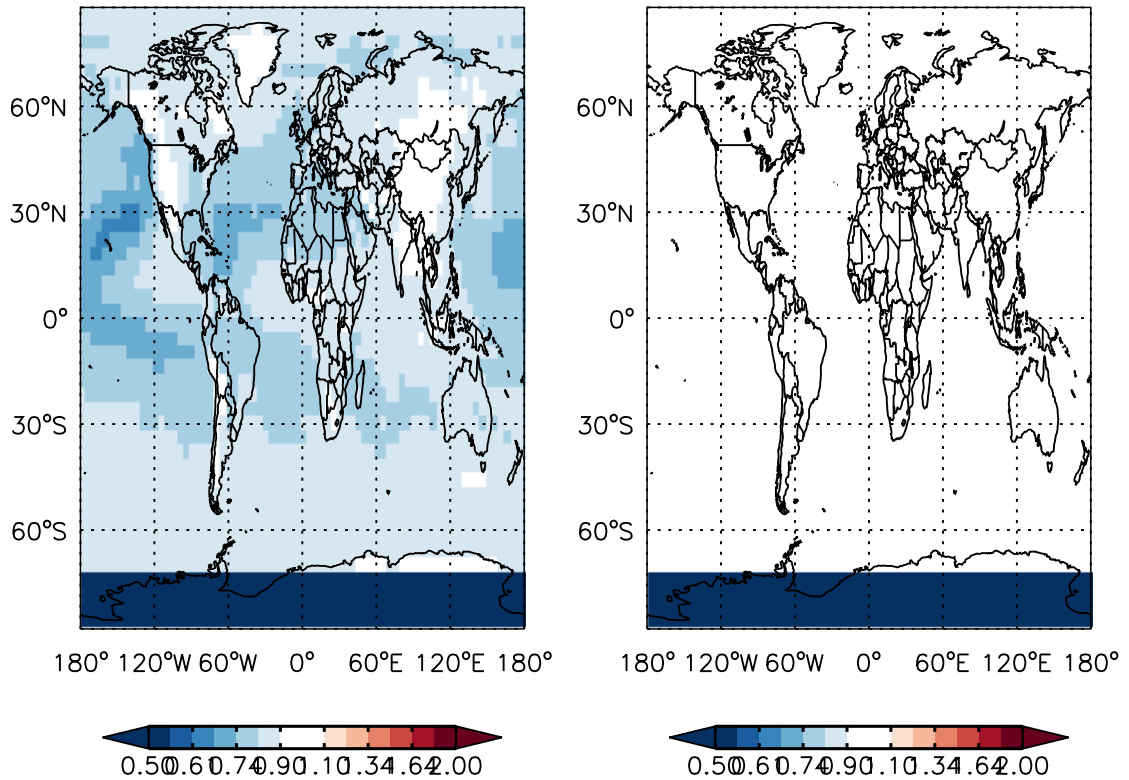
v11-01d-Run0 - v10-01-public-Run0 v11-01d-Run0 - v10-01-public-Run0
JCFC11 - J-Value Ratio @ surface 10/011 - J-Value Ratio @ 500 hPa for Jul



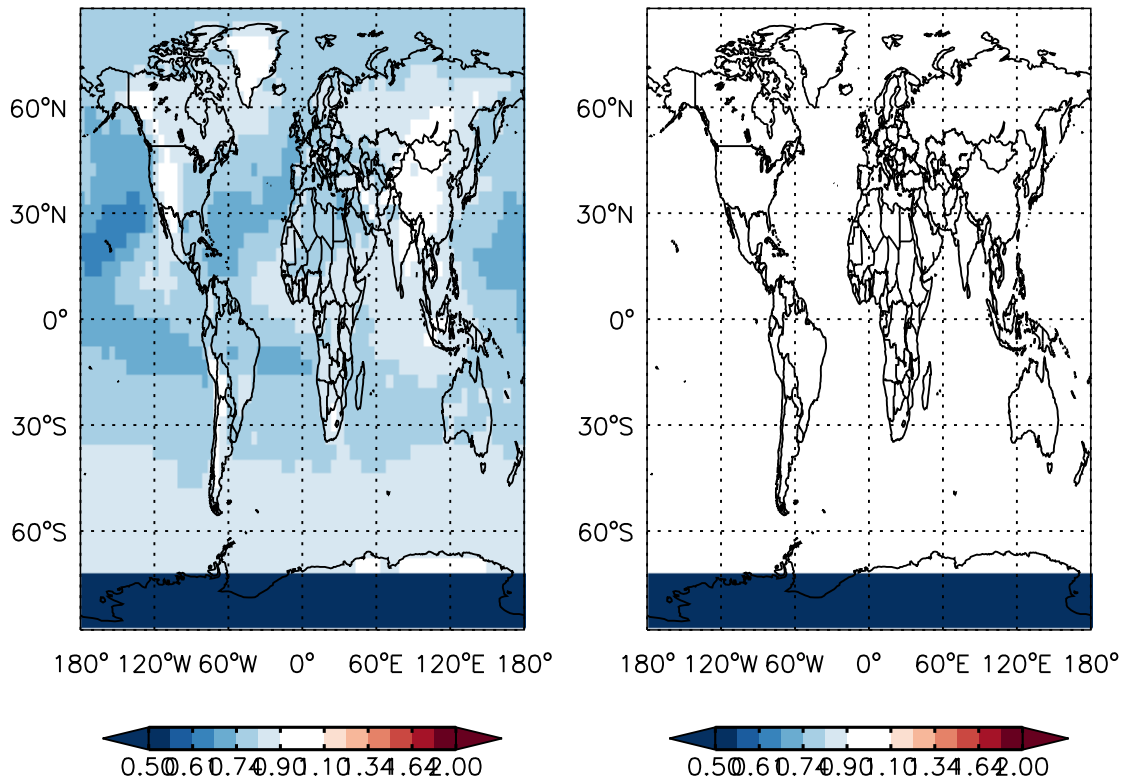
GEOS-Chem J-Values at surface and 500 hPa

v11-01d-Run0 - v11-01b-Run0 v11-01d-Run0 - v11-01b-Run0

JCFC12 - J-Value Ratio @ surface 10/012 - J-Value Ratio @ 500 hPa for Jul



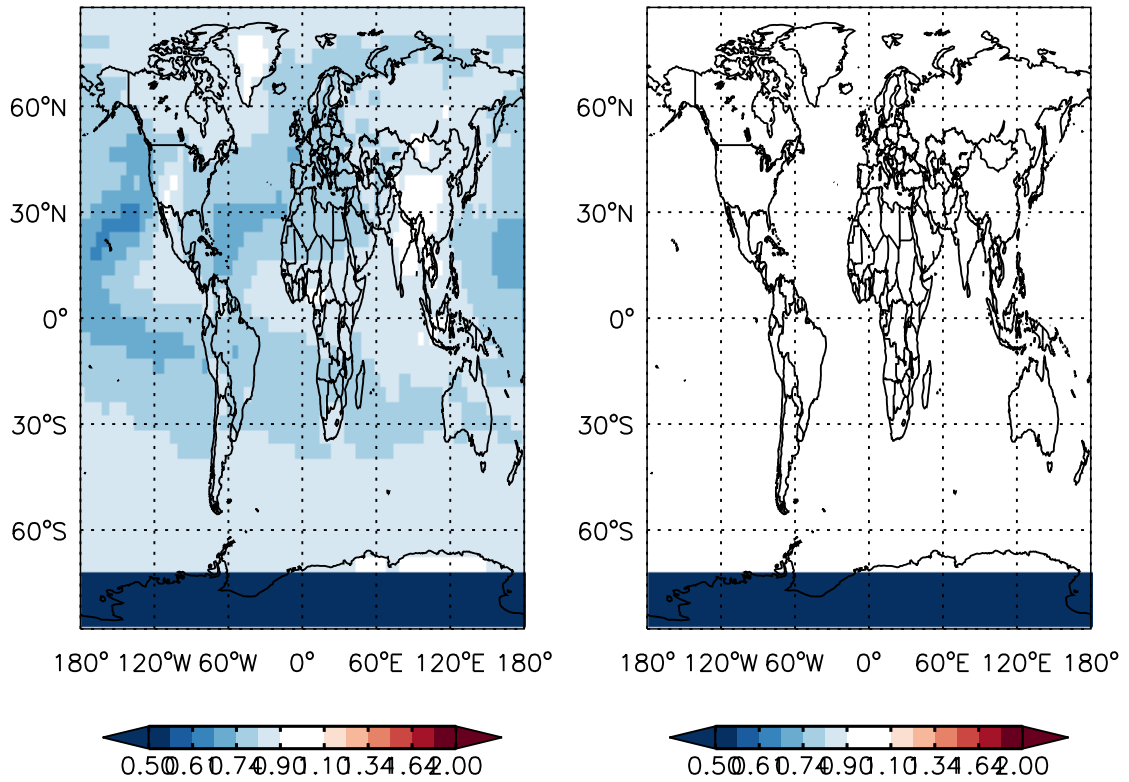
v11-01d-Run0 - v10-01-public-Run0 v11-01d-Run0 - v10-01-public-Run0
JCFC12 - J-Value Ratio @ surface 10/012 - J-Value Ratio @ 500 hPa for Jul



GEOS-Chem J-Values at surface and 500 hPa

v11-01d-Run0 - v11-01b-Run0 v11-01d-Run0 - v11-01b-Run0

J02 - J-Value Ratio @ surface for J02 - J-Value Ratio @ 500 hPa for Jul



v11-01d-Run0 - v10-01-public-Run0 v11-01d-Run0 - v10-01-public-Run0

J02 - J-Value Ratio @ surface for J02 - J-Value Ratio @ 500 hPa for Jul

