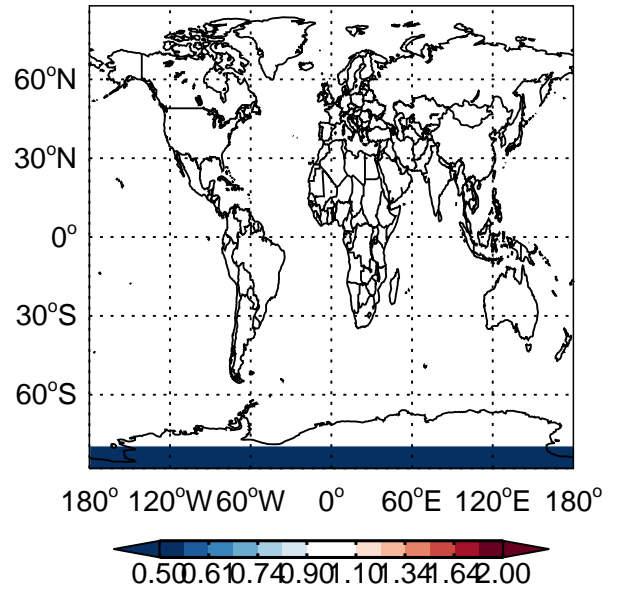
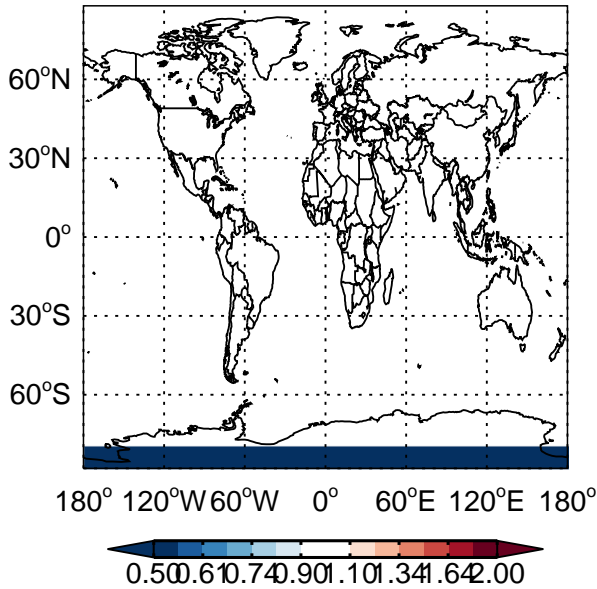


GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0 - v11-02e-Run1

v11-02f-Run0 - v11-02e-Run1

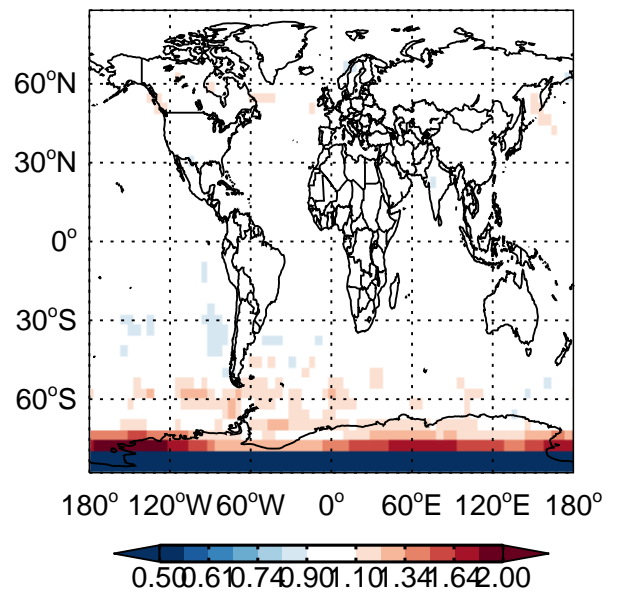
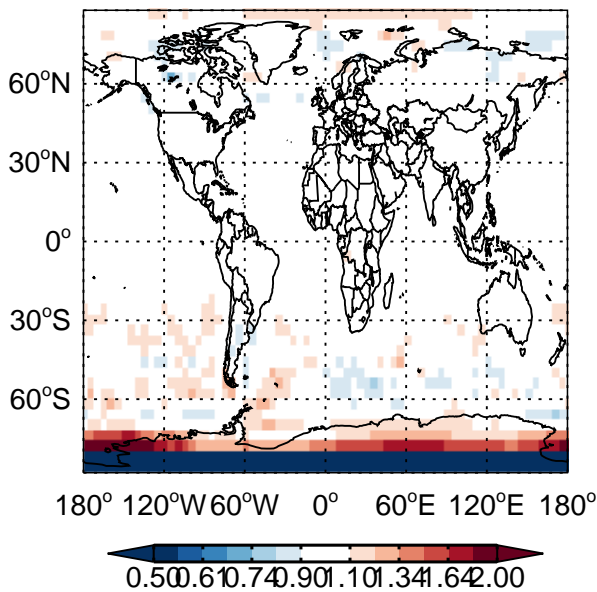
JNO₂ - J-Value Ratio @ surface for Jul JNO₂ - J-Value Ratio @ 500 hPa for Jul



v11-02f-Run0 - v11-02e-Run0

v11-02f-Run0 - v11-02e-Run0

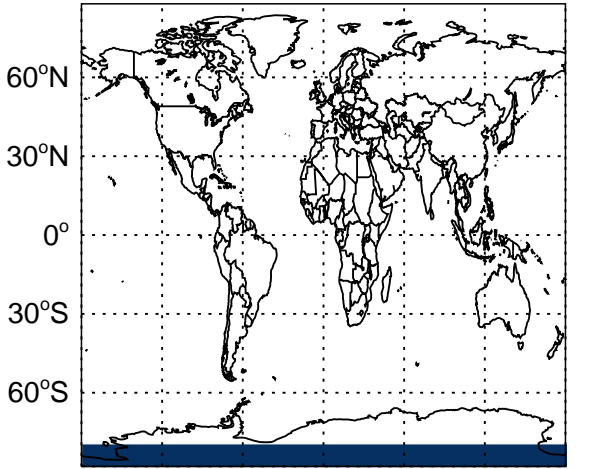
JNO₂ - J-Value Ratio @ surface for Jul JNO₂ - J-Value Ratio @ 500 hPa for Jul



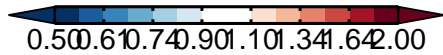
GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0 - v11-02e-Run1

JHNO3 - J-Value Ratio @ surface for Jul

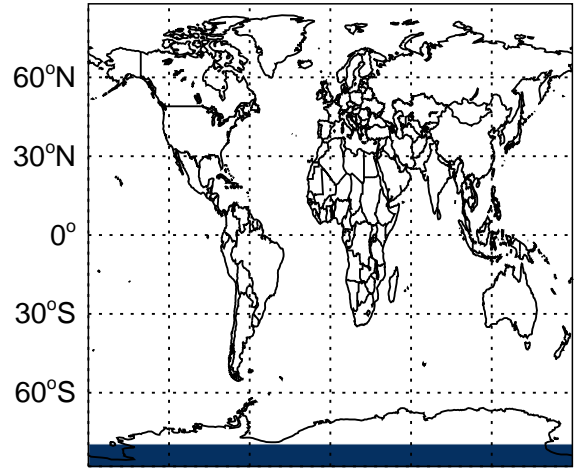


180° 120°W 60°W 0° 60°E 120°E 180°

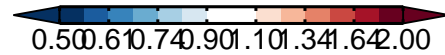


v11-02f-Run0 - v11-02e-Run1

JHNO3 - J-Value Ratio @ 500 hPa for Jul

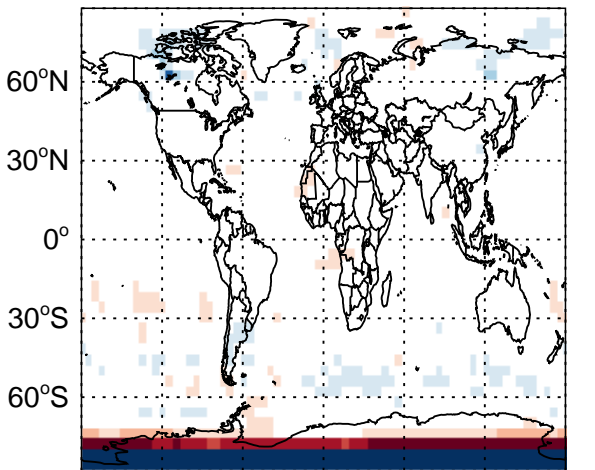


180° 120°W 60°W 0° 60°E 120°E 180°

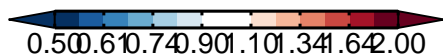


v11-02f-Run0 - v11-02e-Run0

JHNO3 - J-Value Ratio @ surface for Jul

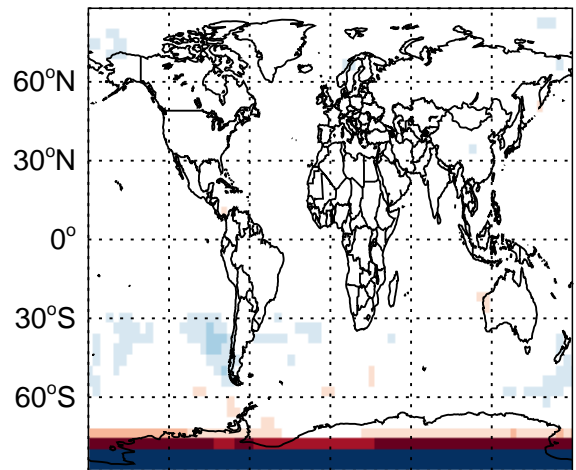


180° 120°W 60°W 0° 60°E 120°E 180°

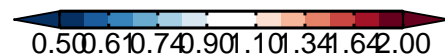


v11-02f-Run0 - v11-02e-Run0

JHNO3 - J-Value Ratio @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°

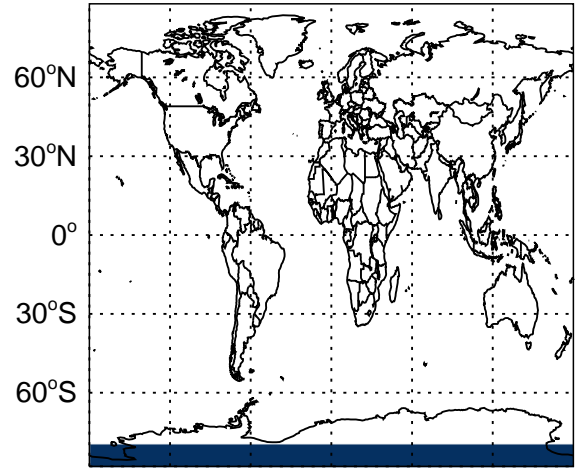
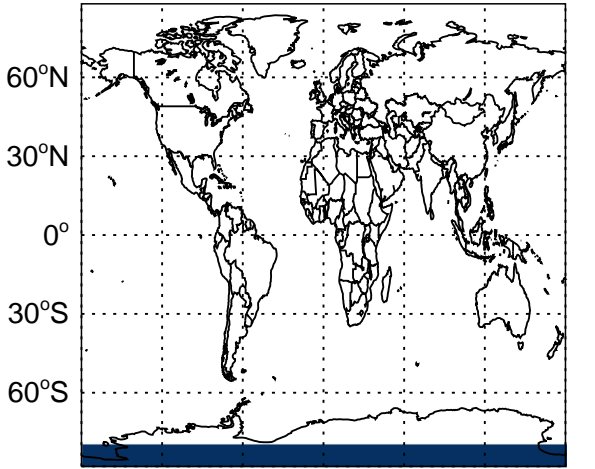


GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0 - v11-02e-Run1

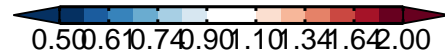
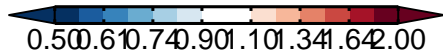
v11-02f-Run0 - v11-02e-Run1

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



180° 120°W 60°W 0° 60°E 120°E 180°

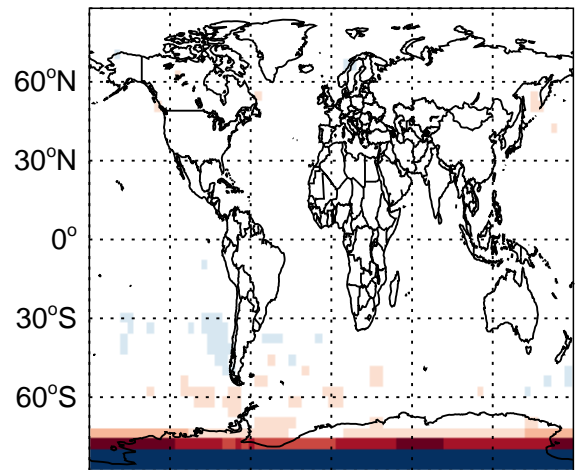
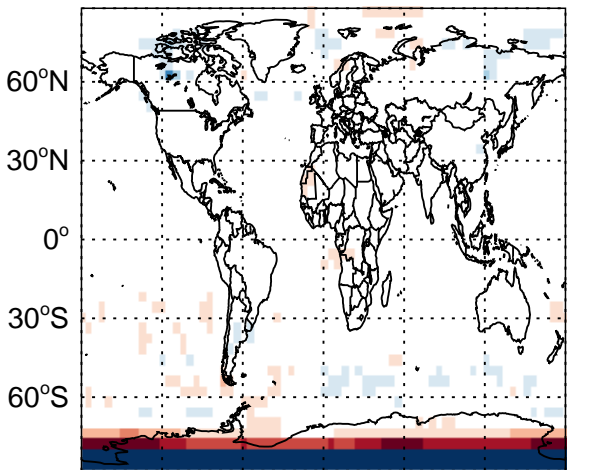
180° 120°W 60°W 0° 60°E 120°E 180°



v11-02f-Run0 - v11-02e-Run0

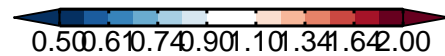
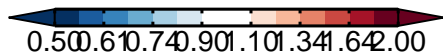
v11-02f-Run0 - v11-02e-Run0

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



180° 120°W 60°W 0° 60°E 120°E 180°

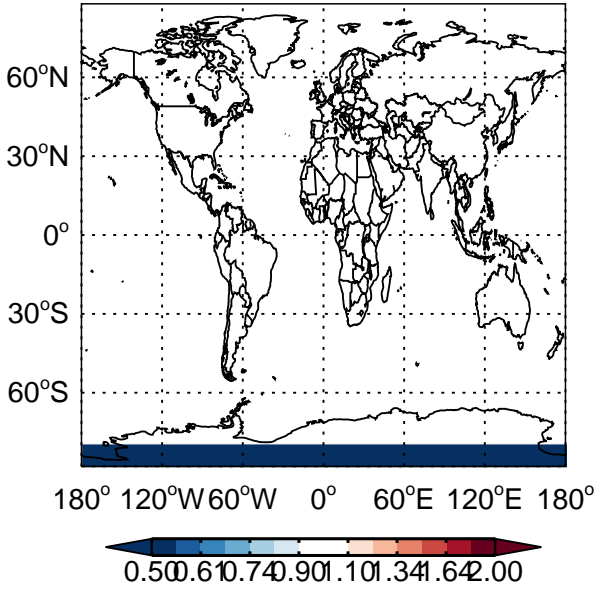
180° 120°W 60°W 0° 60°E 120°E 180°



GEOS-Chem J-Values at surface and 500 hPa

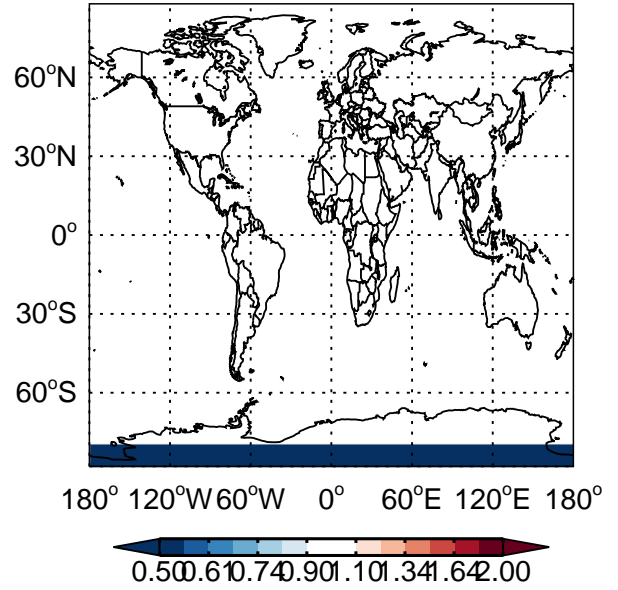
v11-02f-Run0 - v11-02e-Run1

JCH2O - J-Value Ratio @ surface for Jul



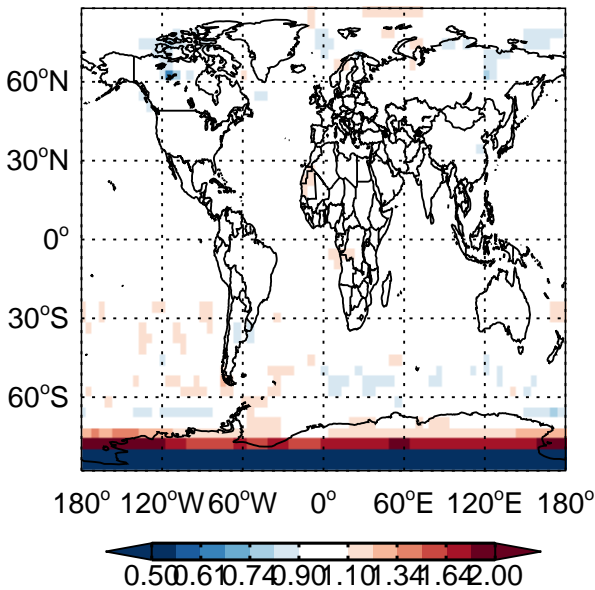
v11-02f-Run0 - v11-02e-Run1

JCH2O - J-Value Ratio @ 500 hPa for Jul



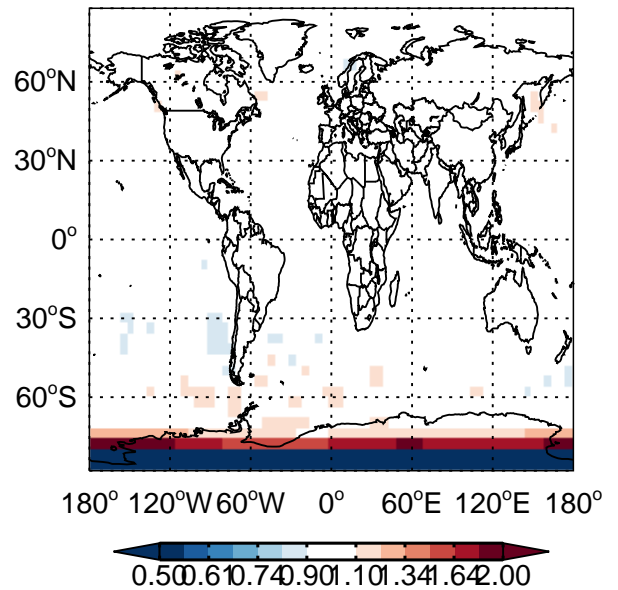
v11-02f-Run0 - v11-02e-Run0

JCH2O - J-Value Ratio @ surface for Jul



v11-02f-Run0 - v11-02e-Run0

JCH2O - J-Value Ratio @ 500 hPa for Jul



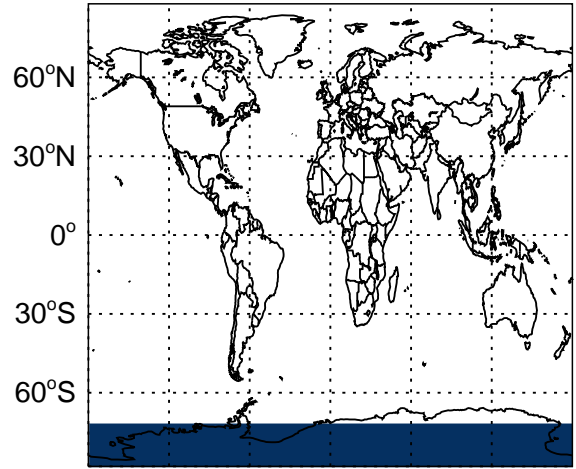
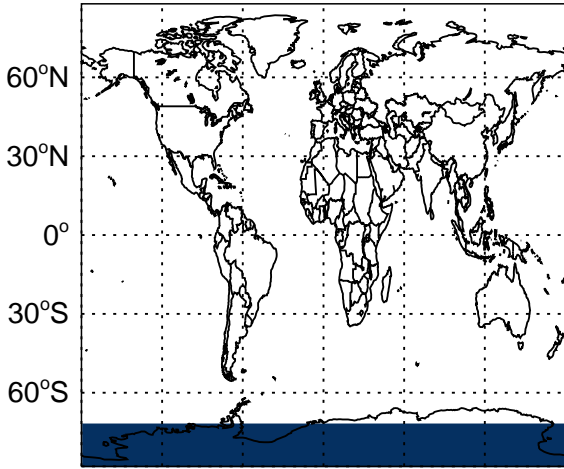
GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0 - v11-02e-Run1

v11-02f-Run0 - v11-02e-Run1

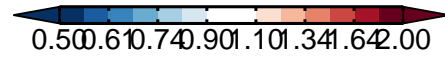
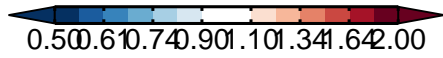
JO3_O1D - J-Value Ratio @ surface for Jul

JO3_O1D - J-Value Ratio @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

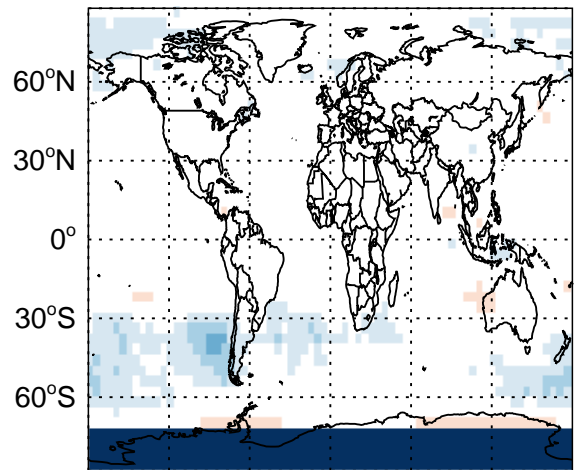
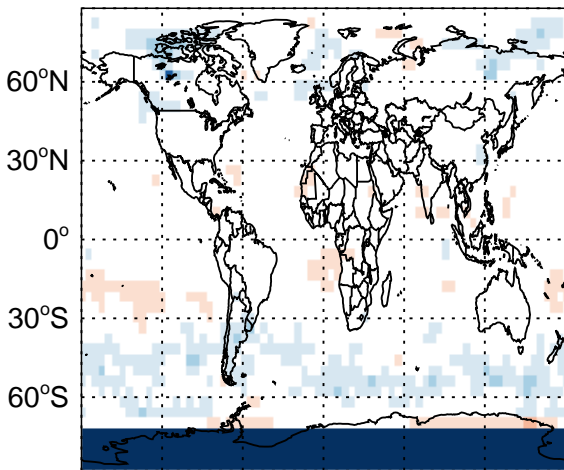


v11-02f-Run0 - v11-02e-Run0

v11-02f-Run0 - v11-02e-Run0

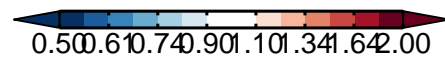
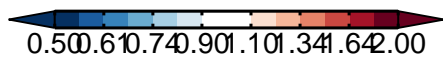
JO3_O1D - J-Value Ratio @ surface for Jul

JO3_O1D - J-Value Ratio @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°



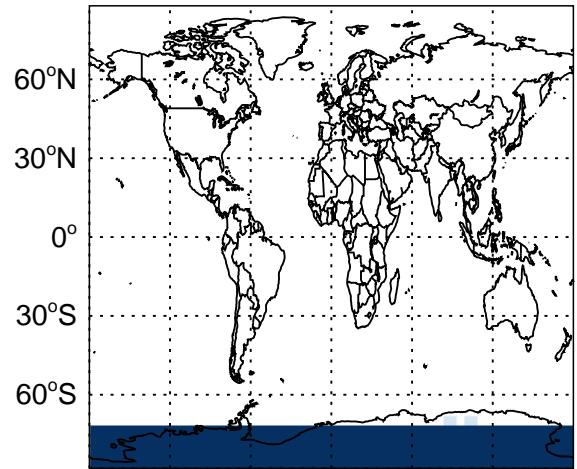
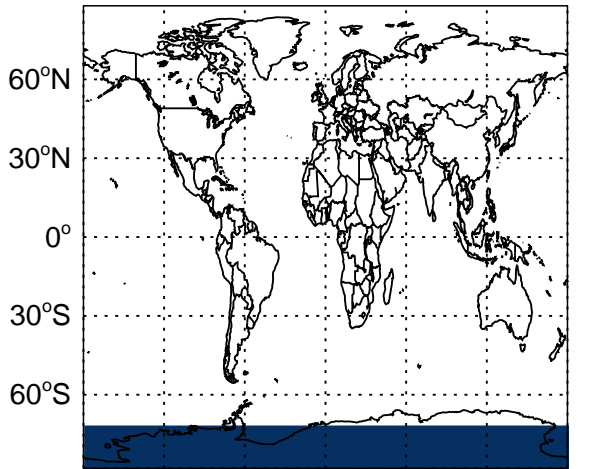
GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0 - v11-02e-Run1

v11-02f-Run0 - v11-02e-Run1

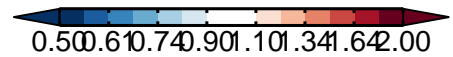
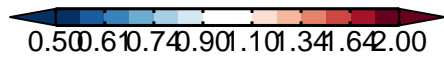
JO3_O3P - J-Value Ratio @ surface for Jul

JO3_O3P - J-Value Ratio @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

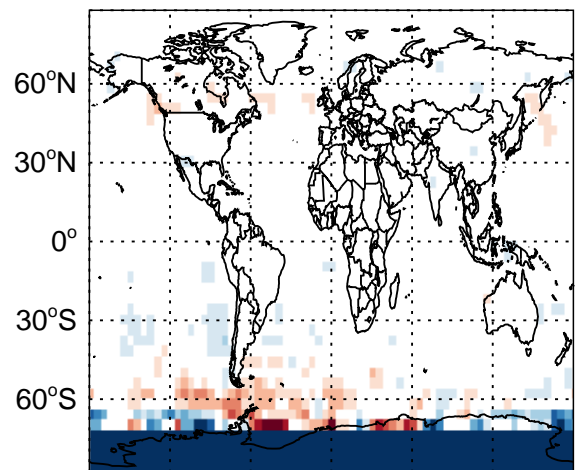
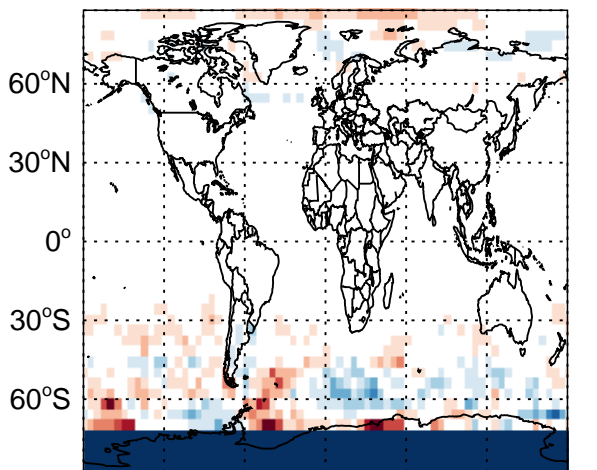


v11-02f-Run0 - v11-02e-Run0

v11-02f-Run0 - v11-02e-Run0

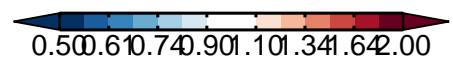
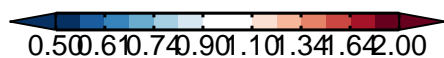
JO3_O3P - J-Value Ratio @ surface for Jul

JO3_O3P - J-Value Ratio @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°

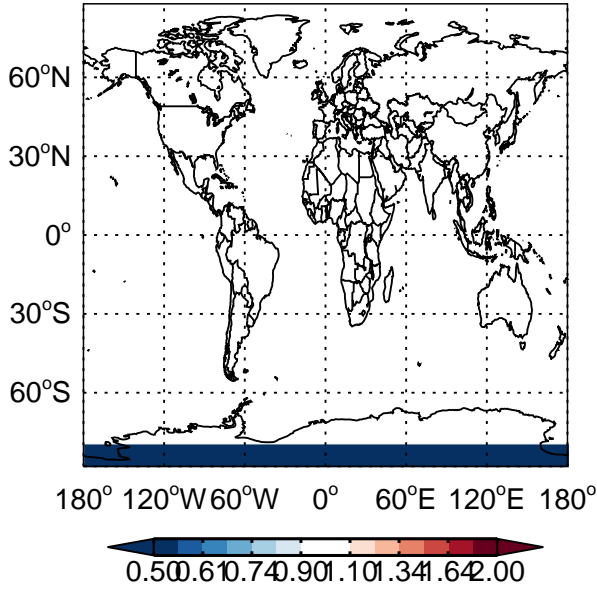
180° 120°W 60°W 0° 60°E 120°E 180°



GEOS-Chem J-Values at surface and 500 hPa

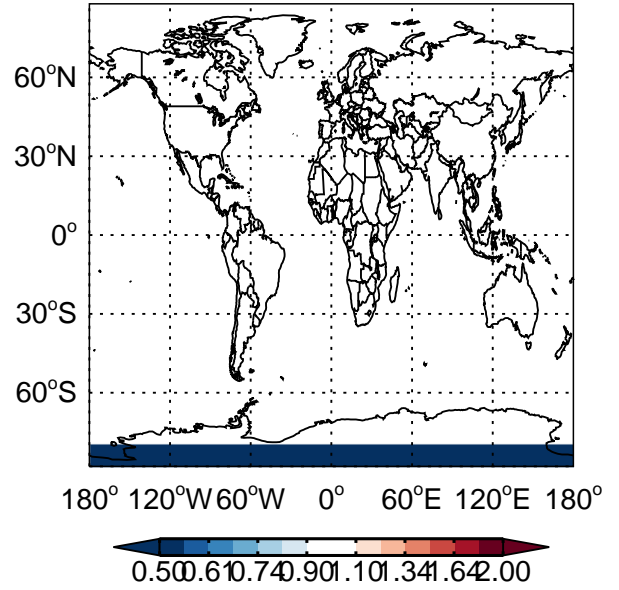
v11-02f-Run0 - v11-02e-Run1

JBrO - J-Value Ratio @ surface for Jul



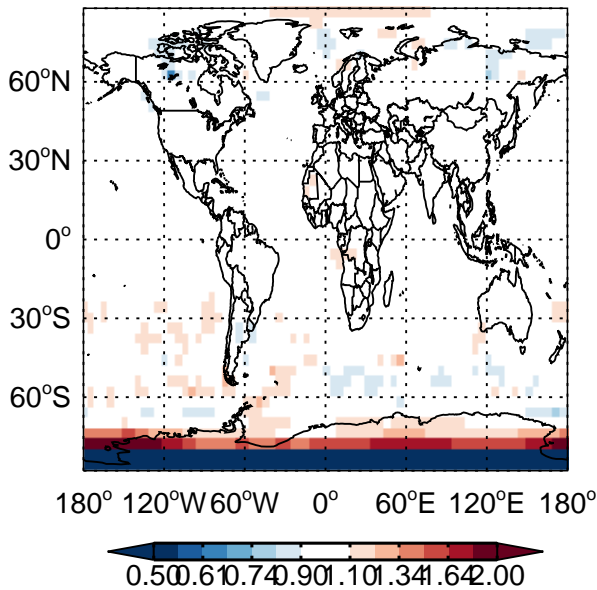
v11-02f-Run0 - v11-02e-Run1

JBrO - J-Value Ratio @ 500 hPa for Jul



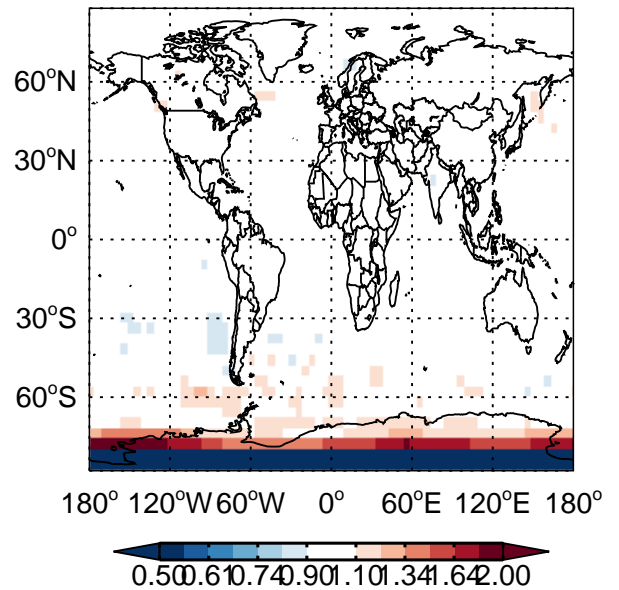
v11-02f-Run0 - v11-02e-Run0

JBrO - J-Value Ratio @ surface for Jul



v11-02f-Run0 - v11-02e-Run0

JBrO - J-Value Ratio @ 500 hPa for Jul

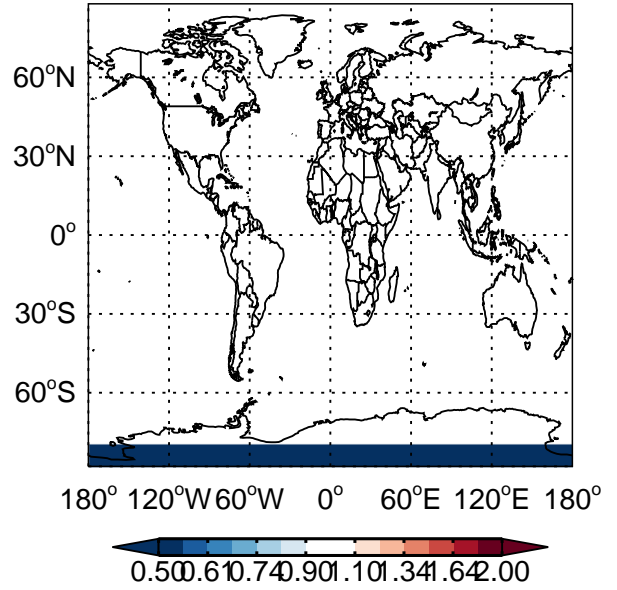
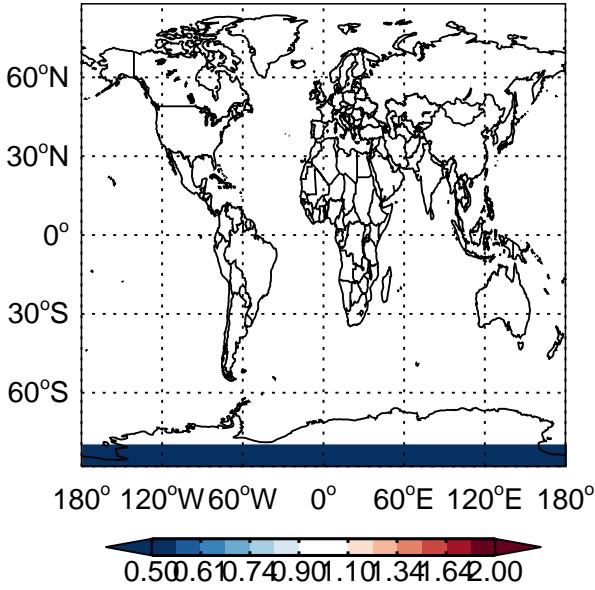


GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0 - v11-02e-Run1

v11-02f-Run0 - v11-02e-Run1

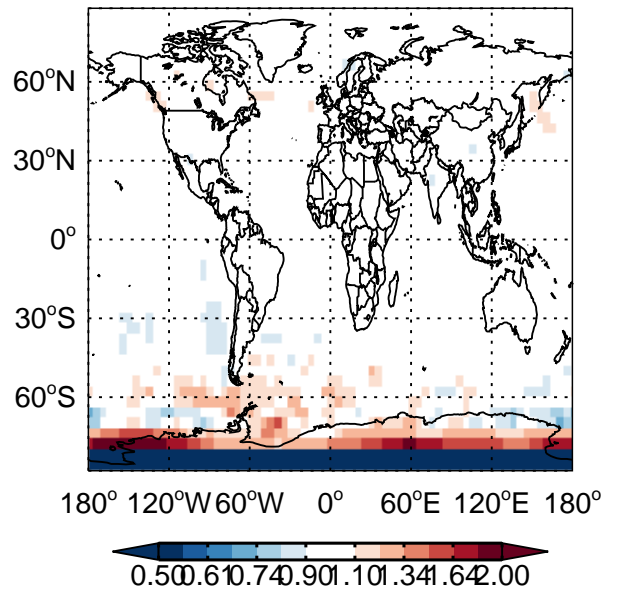
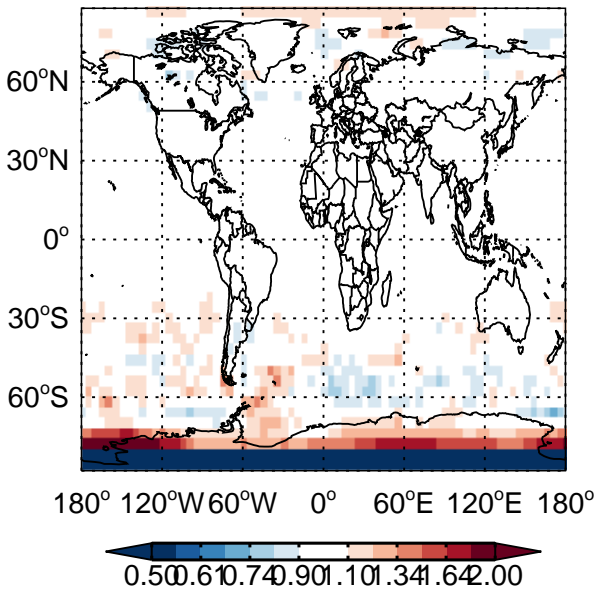
JHOBr - J-Value Ratio @ surface for Jul JHOBr - J-Value Ratio @ 500 hPa for Jul



v11-02f-Run0 - v11-02e-Run0

v11-02f-Run0 - v11-02e-Run0

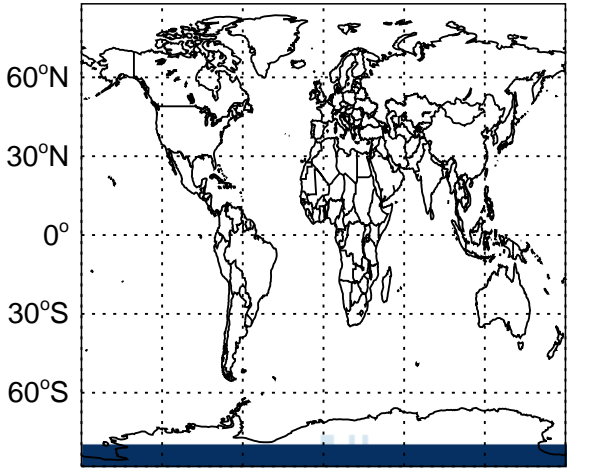
JHOBr - J-Value Ratio @ surface for Jul JHOBr - J-Value Ratio @ 500 hPa for Jul



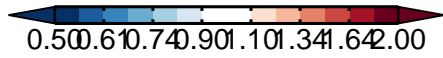
GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0 - v11-02e-Run1

JBrNO₂ - J-Value Ratio @ surface for Jul

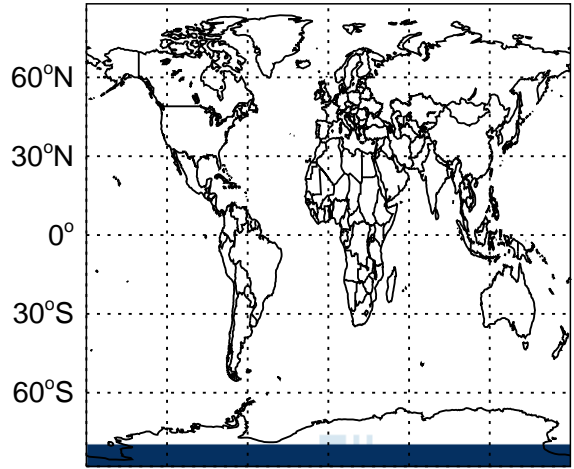


180° 120°W 60°W 0° 60°E 120°E 180°

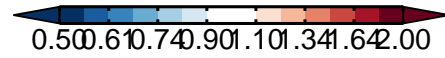


v11-02f-Run0 - v11-02e-Run1

JBrNO₂ - J-Value Ratio @ 500 hPa for Jul

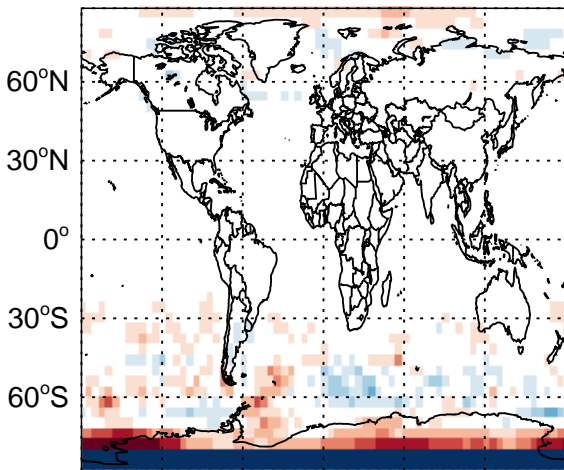


180° 120°W 60°W 0° 60°E 120°E 180°

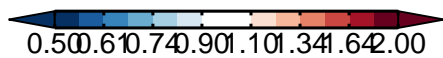


v11-02f-Run0 - v11-02e-Run0

JBrNO₂ - J-Value Ratio @ surface for Jul

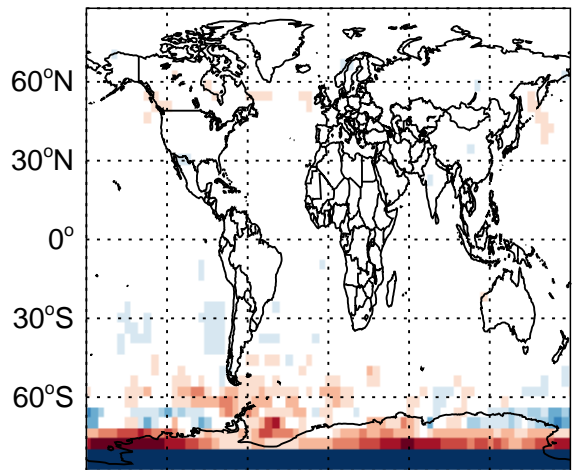


180° 120°W 60°W 0° 60°E 120°E 180°

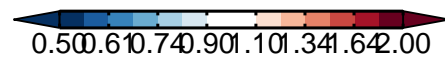


v11-02f-Run0 - v11-02e-Run0

JBrNO₂ - J-Value Ratio @ 500 hPa for Jul



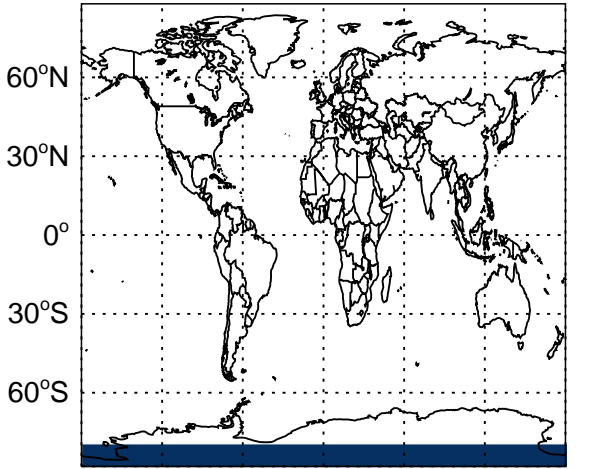
180° 120°W 60°W 0° 60°E 120°E 180°



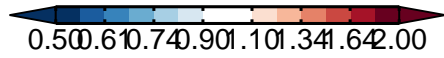
GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0 - v11-02e-Run1

JBrNO₃ - J-Value Ratio @ surface for Jul

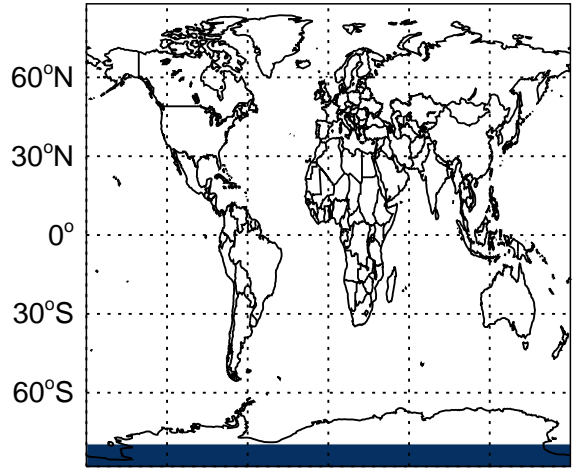


180° 120°W 60°W 0° 60°E 120°E 180°

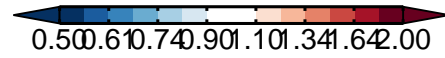


v11-02f-Run0 - v11-02e-Run1

JBrNO₃ - J-Value Ratio @ 500 hPa for Jul

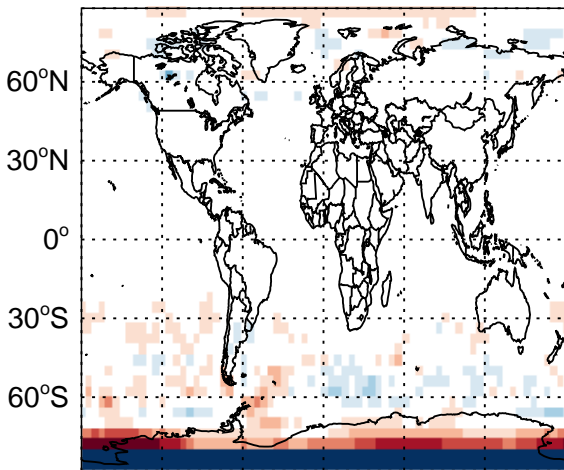


180° 120°W 60°W 0° 60°E 120°E 180°

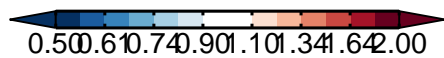


v11-02f-Run0 - v11-02e-Run0

JBrNO₃ - J-Value Ratio @ surface for Jul

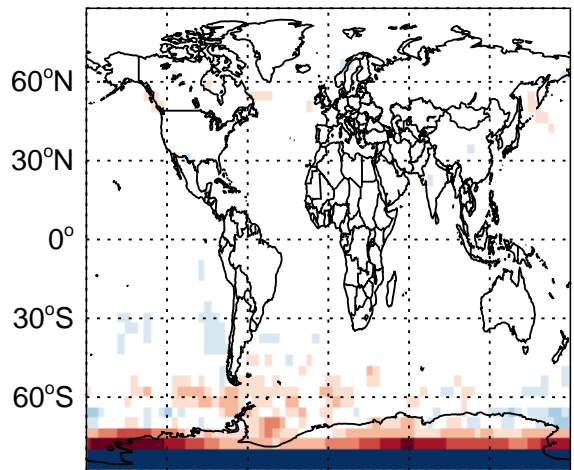


180° 120°W 60°W 0° 60°E 120°E 180°

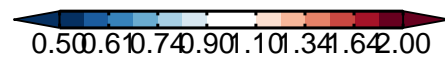


v11-02f-Run0 - v11-02e-Run0

JBrNO₃ - J-Value Ratio @ 500 hPa for Jul



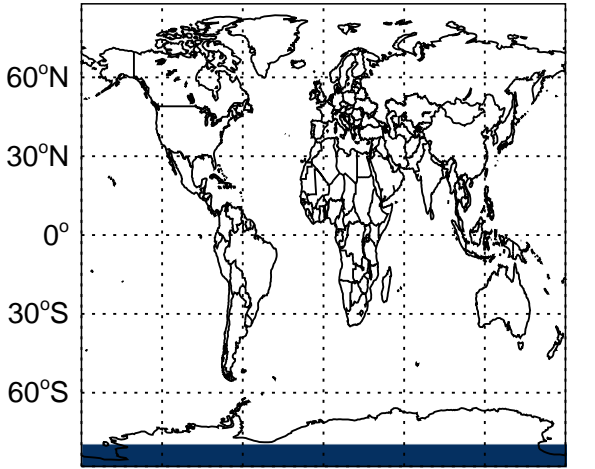
180° 120°W 60°W 0° 60°E 120°E 180°



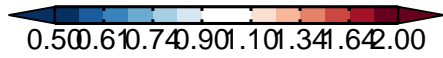
GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0 - v11-02e-Run1

JCHBr3 - J-Value Ratio @ surface for Jul

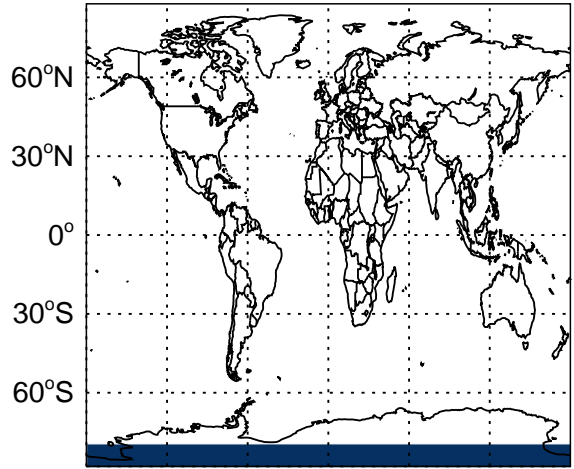


180° 120°W 60°W 0° 60°E 120°E 180°

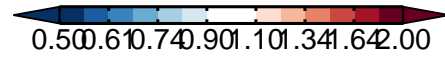


v11-02f-Run0 - v11-02e-Run1

JCHBr3 - J-Value Ratio @ 500 hPa for Jul

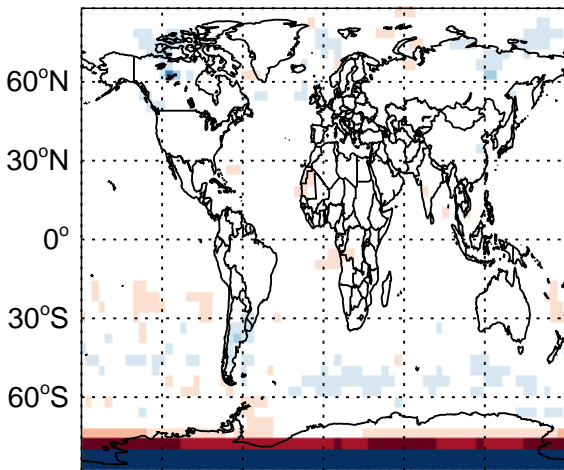


180° 120°W 60°W 0° 60°E 120°E 180°

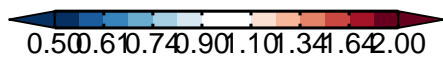


v11-02f-Run0 - v11-02e-Run0

JCHBr3 - J-Value Ratio @ surface for Jul

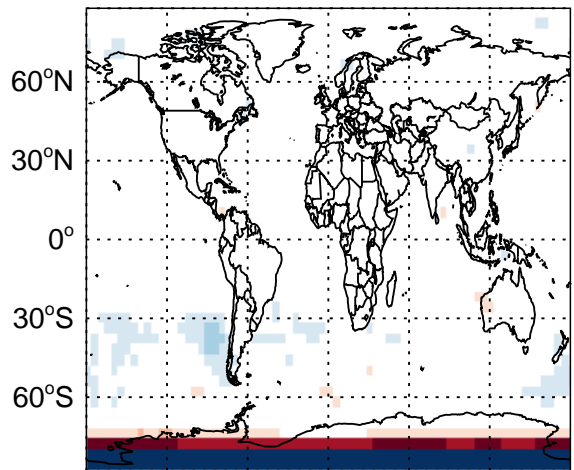


180° 120°W 60°W 0° 60°E 120°E 180°

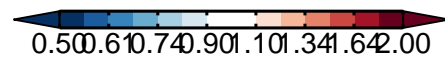


v11-02f-Run0 - v11-02e-Run0

JCHBr3 - J-Value Ratio @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°



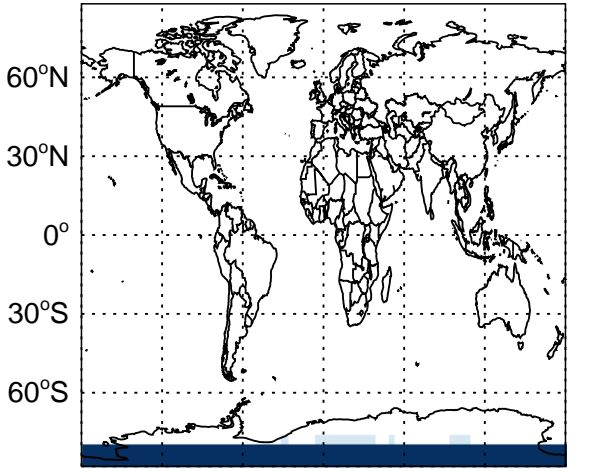
GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0 - v11-02e-Run1

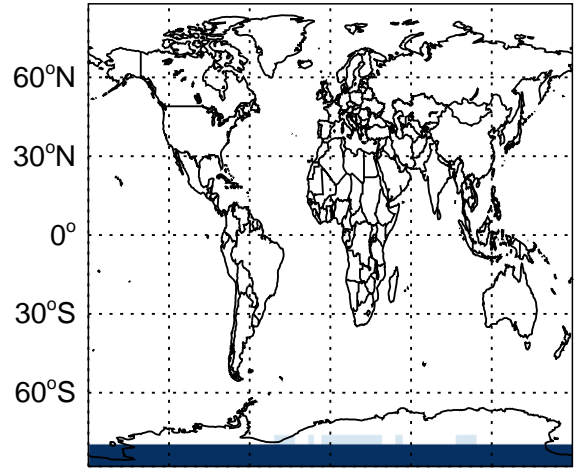
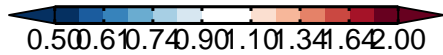
v11-02f-Run0 - v11-02e-Run1

JBr2 - J-Value Ratio @ surface for Jul

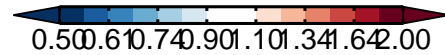
JBr2 - J-Value Ratio @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°



180° 120°W 60°W 0° 60°E 120°E 180°

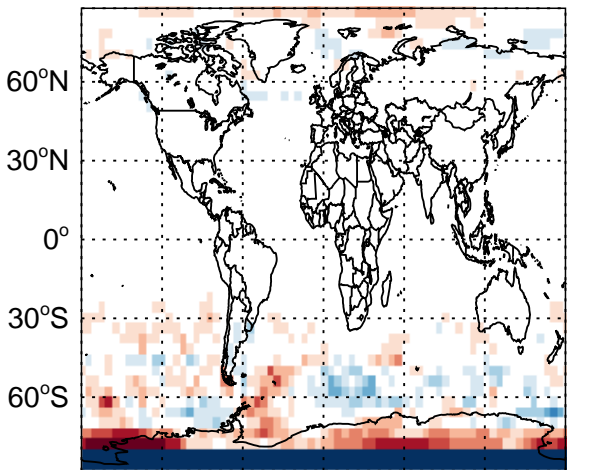


v11-02f-Run0 - v11-02e-Run0

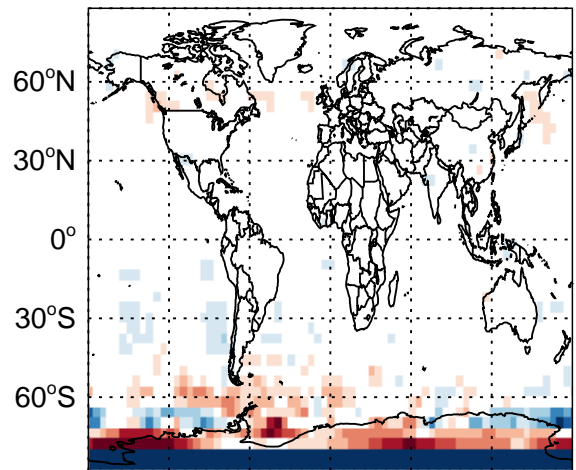
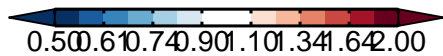
v11-02f-Run0 - v11-02e-Run0

JBr2 - J-Value Ratio @ surface for Jul

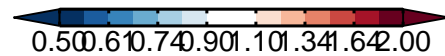
JBr2 - J-Value Ratio @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°



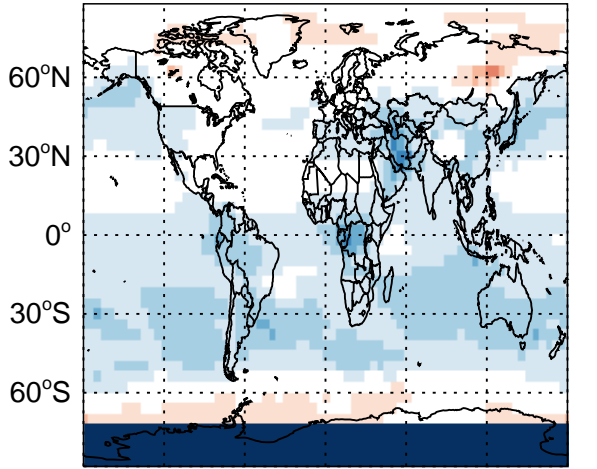
180° 120°W 60°W 0° 60°E 120°E 180°



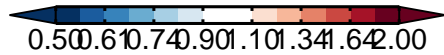
GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0 - v11-02e-Run1

JO2 - J-Value Ratio @ surface for Jul

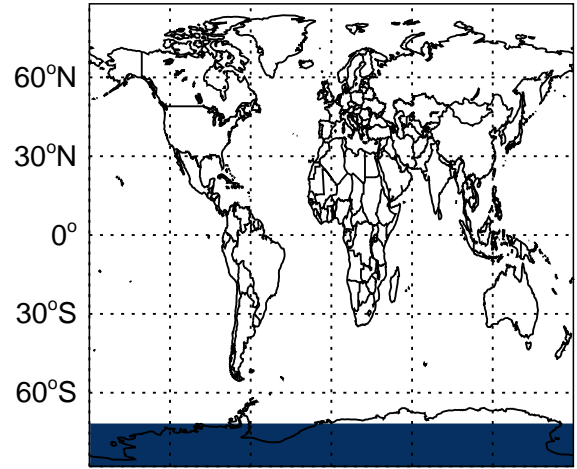


180° 120°W 60°W 0° 60°E 120°E 180°

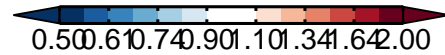


v11-02f-Run0 - v11-02e-Run1

JO2 - J-Value Ratio @ 500 hPa for Jul

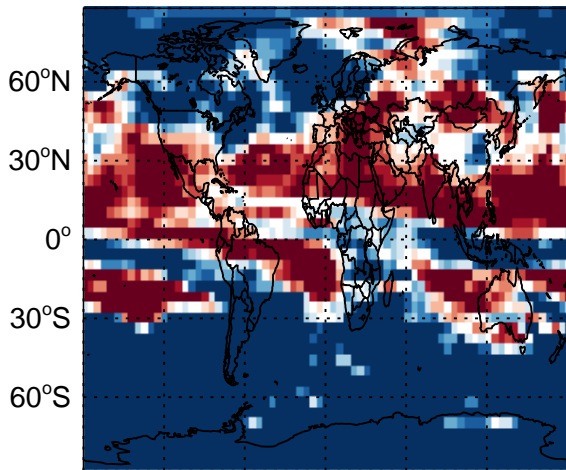


180° 120°W 60°W 0° 60°E 120°E 180°

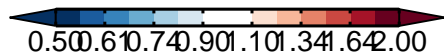


v11-02f-Run0 - v11-02e-Run0

JO2 - J-Value Ratio @ surface for Jul

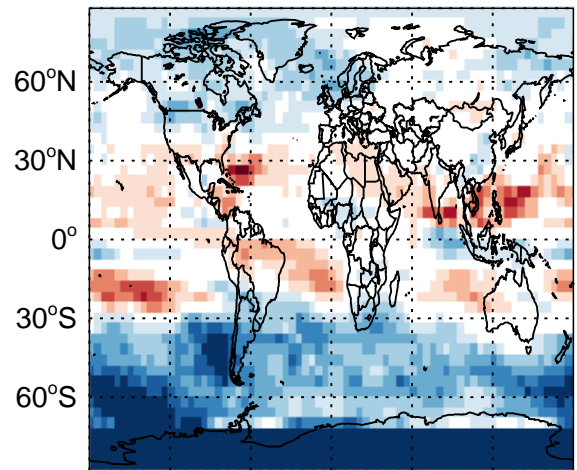


180° 120°W 60°W 0° 60°E 120°E 180°

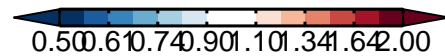


v11-02f-Run0 - v11-02e-Run0

JO2 - J-Value Ratio @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°

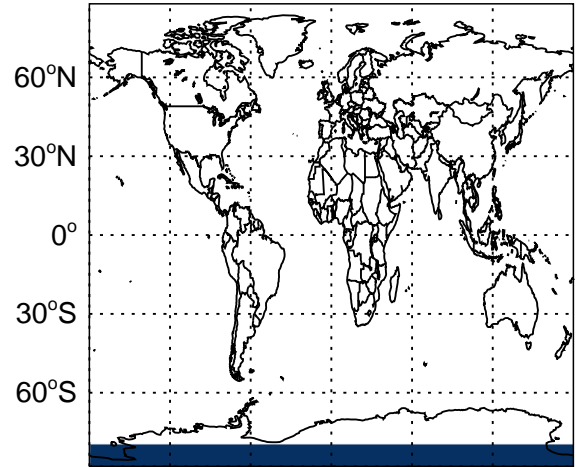
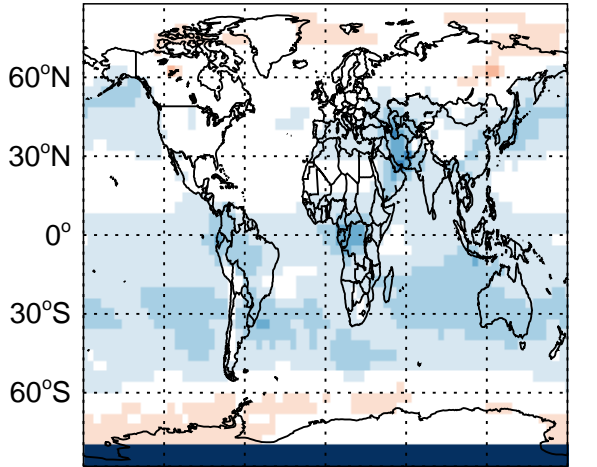


GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0 - v11-02e-Run1

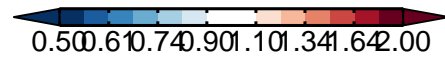
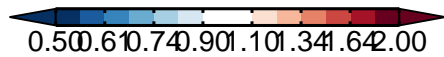
v11-02f-Run0 - v11-02e-Run1

JN2O - J-Value Ratio @ surface for Jul JN2O - J-Value Ratio @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°

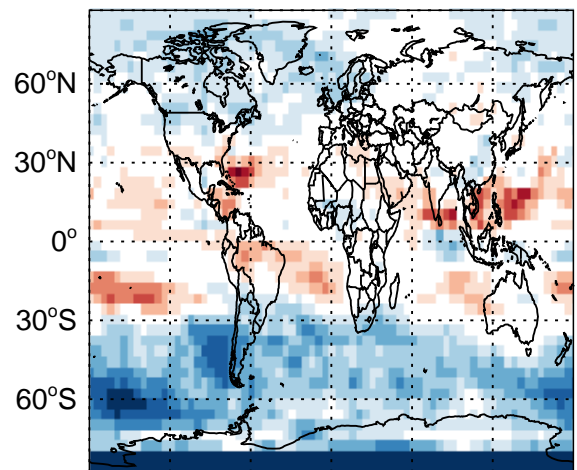
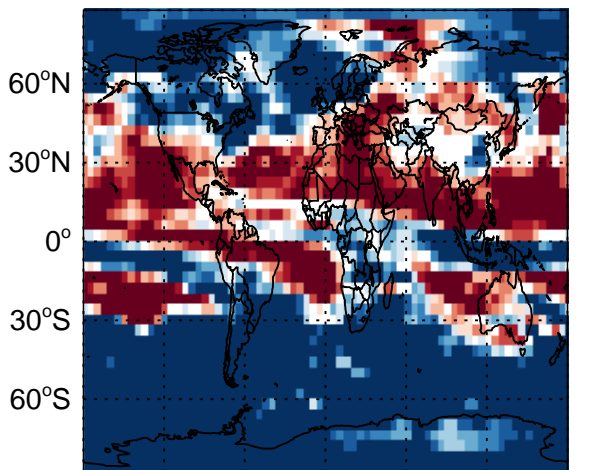
180° 120°W 60°W 0° 60°E 120°E 180°



v11-02f-Run0 - v11-02e-Run0

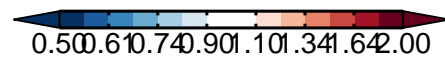
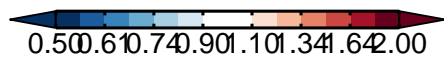
v11-02f-Run0 - v11-02e-Run0

JN2O - J-Value Ratio @ surface for Jul JN2O - J-Value Ratio @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°

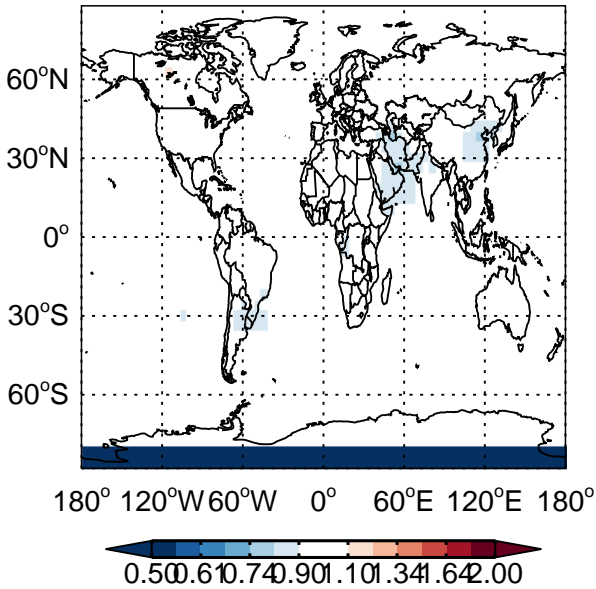
180° 120°W 60°W 0° 60°E 120°E 180°



GEOS-Chem J-Values at surface and 500 hPa

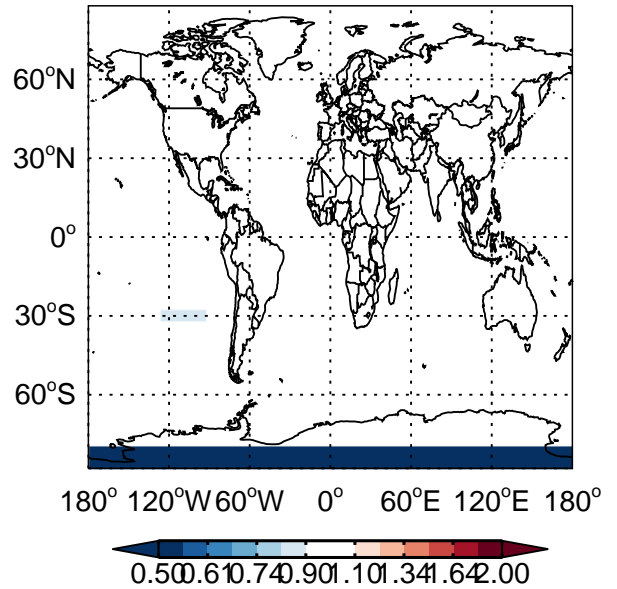
v11-02f-Run0 - v11-02e-Run1

JNO - J-Value Ratio @ surface for Jul



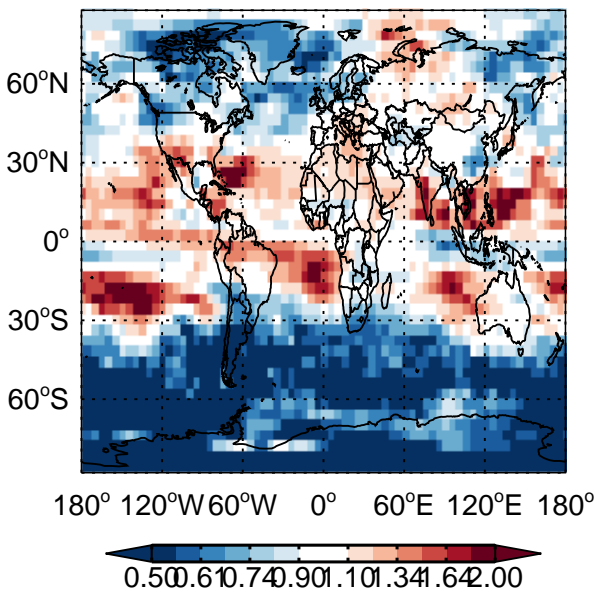
v11-02f-Run0 - v11-02e-Run1

JNO - J-Value Ratio @ 500 hPa for Jul



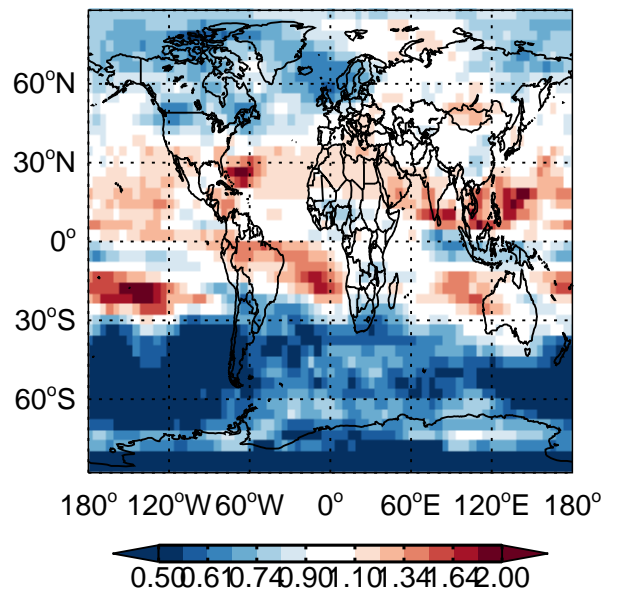
v11-02f-Run0 - v11-02e-Run0

JNO - J-Value Ratio @ surface for Jul



v11-02f-Run0 - v11-02e-Run0

JNO - J-Value Ratio @ 500 hPa for Jul



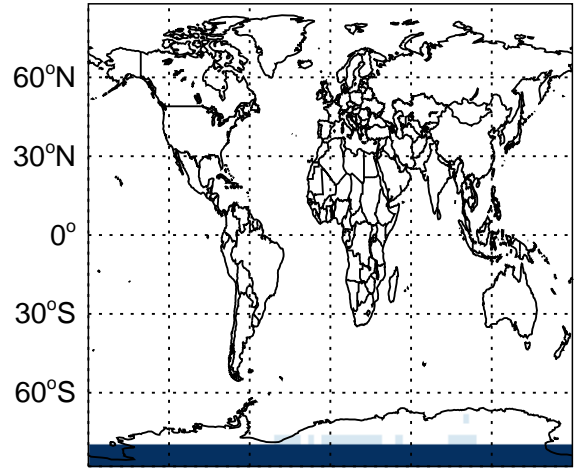
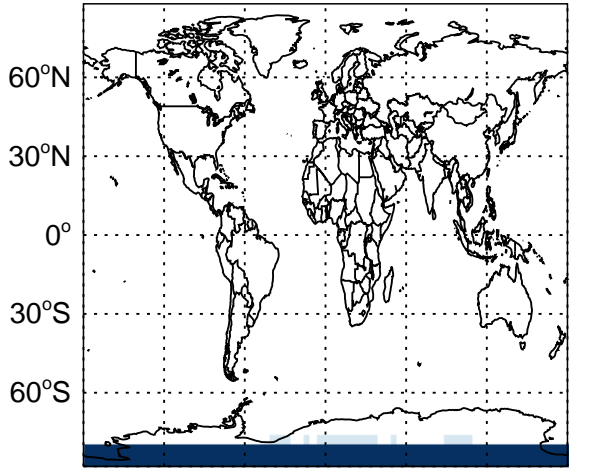
GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0 - v11-02e-Run1

v11-02f-Run0 - v11-02e-Run1

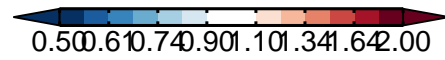
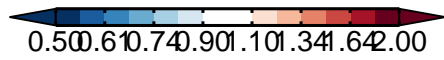
JNO3 - J-Value Ratio @ surface for Jul

JNO3 - J-Value Ratio @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

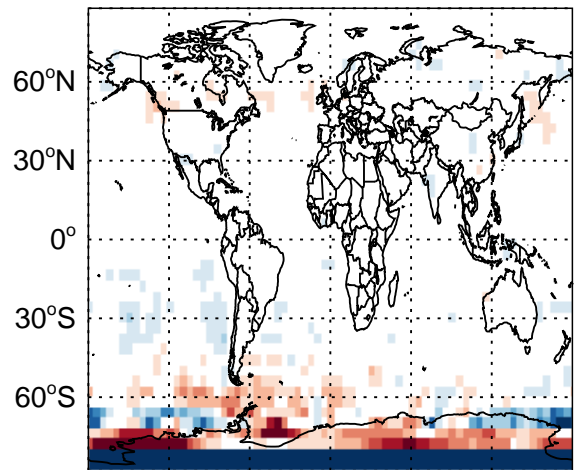
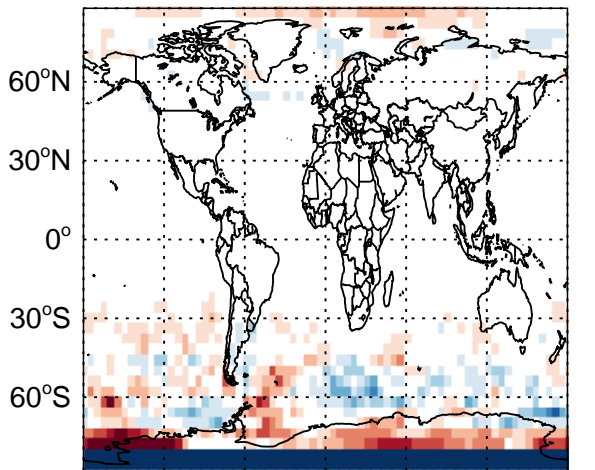


v11-02f-Run0 - v11-02e-Run0

v11-02f-Run0 - v11-02e-Run0

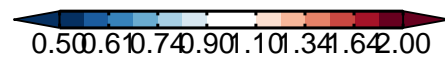
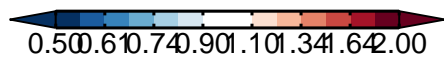
JNO3 - J-Value Ratio @ surface for Jul

JNO3 - J-Value Ratio @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°



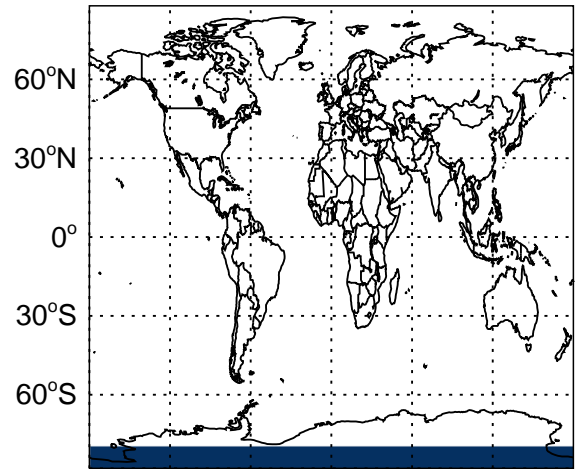
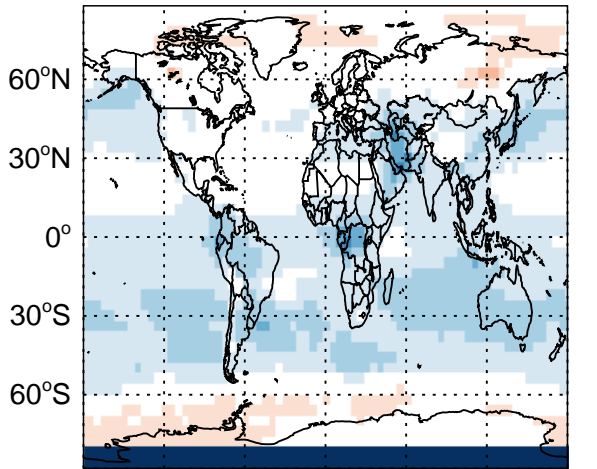
GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0 - v11-02e-Run1

v11-02f-Run0 - v11-02e-Run1

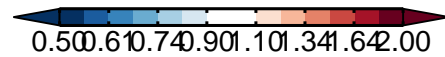
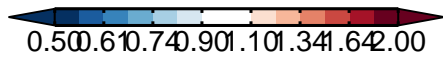
JCFC11 - J-Value Ratio @ surface for Jul

JCFC11 - J-Value Ratio @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

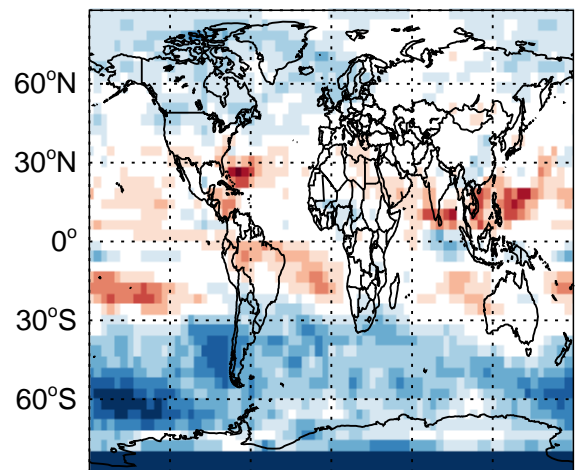
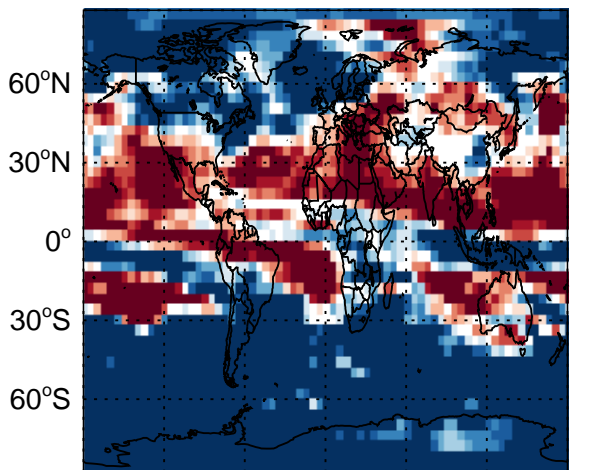


v11-02f-Run0 - v11-02e-Run0

v11-02f-Run0 - v11-02e-Run0

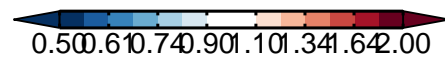
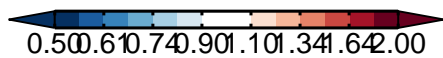
JCFC11 - J-Value Ratio @ surface for Jul

JCFC11 - J-Value Ratio @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°



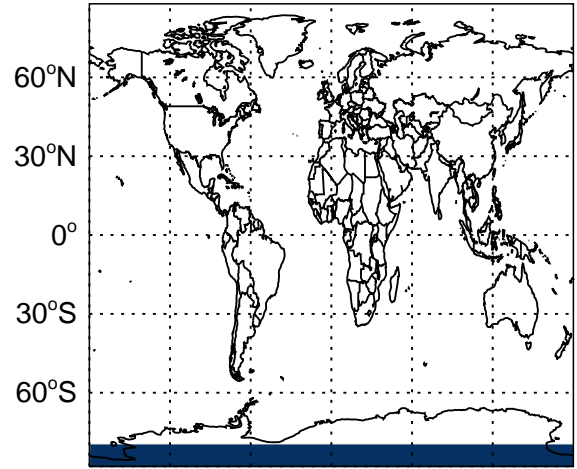
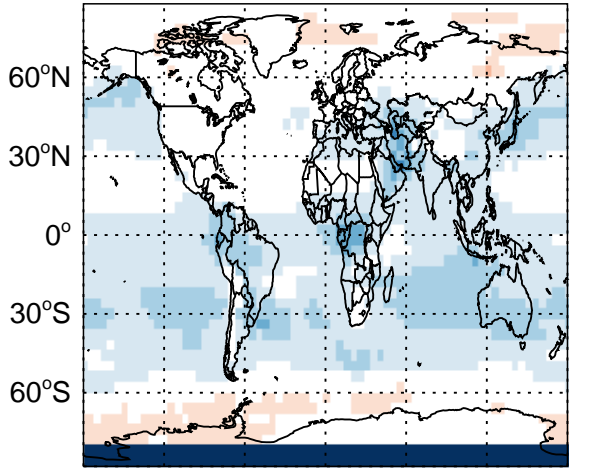
GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0 - v11-02e-Run1

v11-02f-Run0 - v11-02e-Run1

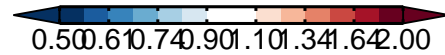
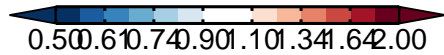
JCFC12 - J-Value Ratio @ surface for Jul

JCFC12 - J-Value Ratio @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

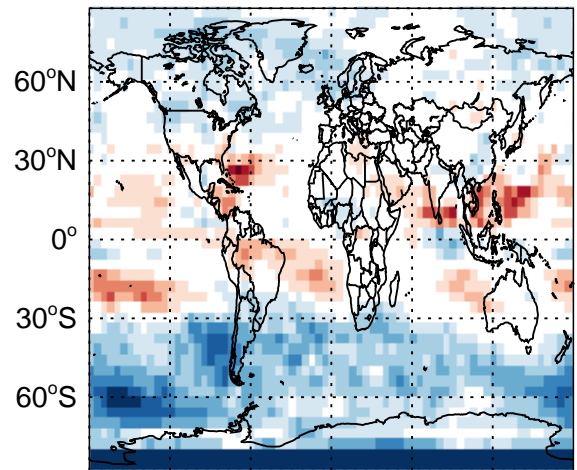
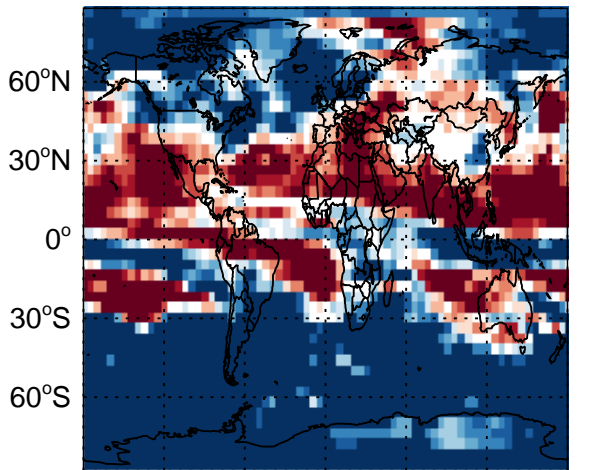


v11-02f-Run0 - v11-02e-Run0

v11-02f-Run0 - v11-02e-Run0

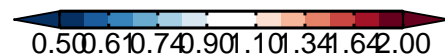
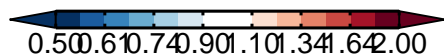
JCFC12 - J-Value Ratio @ surface for Jul

JCFC12 - J-Value Ratio @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

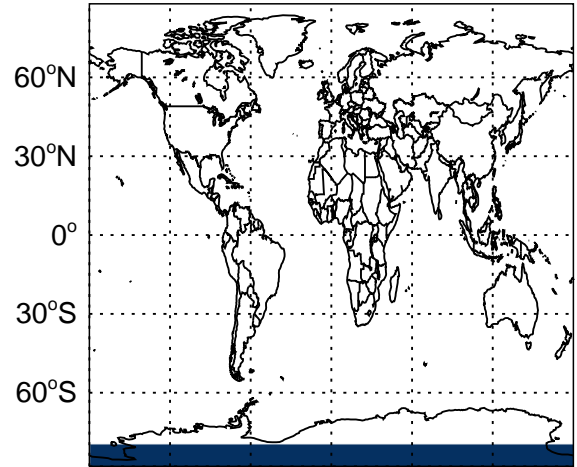
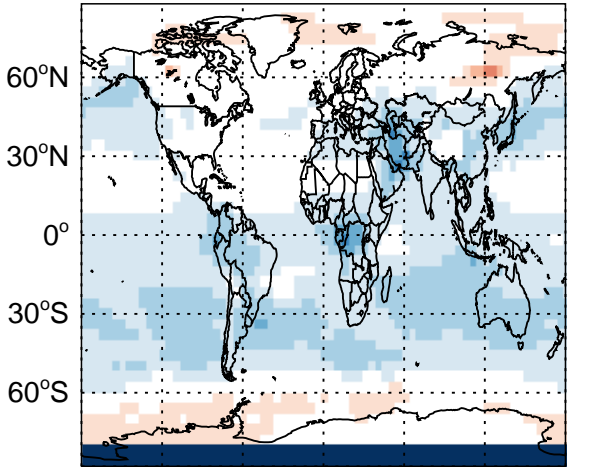


GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0 - v11-02e-Run1

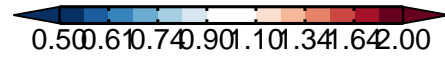
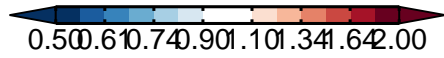
v11-02f-Run0 - v11-02e-Run1

JCCI4 - J-Value Ratio @ surface for Jul JCCI4 - J-Value Ratio @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°

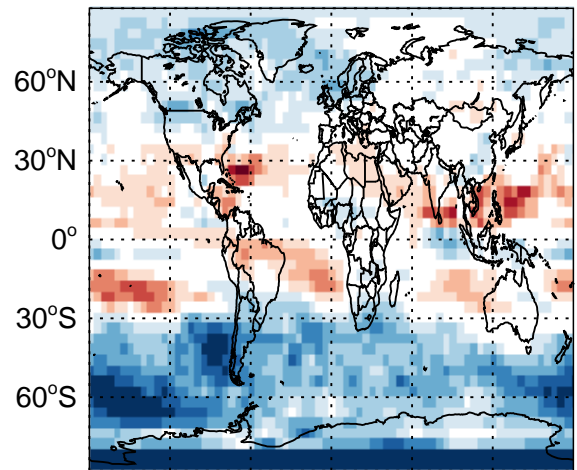
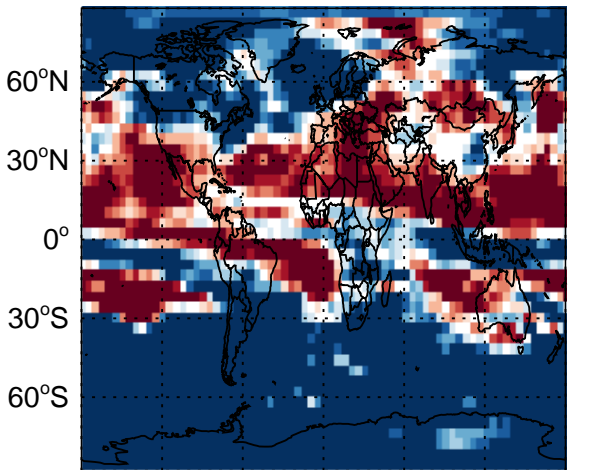
180° 120°W 60°W 0° 60°E 120°E 180°



v11-02f-Run0 - v11-02e-Run0

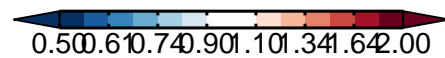
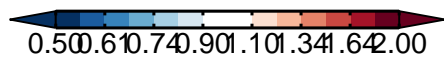
v11-02f-Run0 - v11-02e-Run0

JCCI4 - J-Value Ratio @ surface for Jul JCCI4 - J-Value Ratio @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°

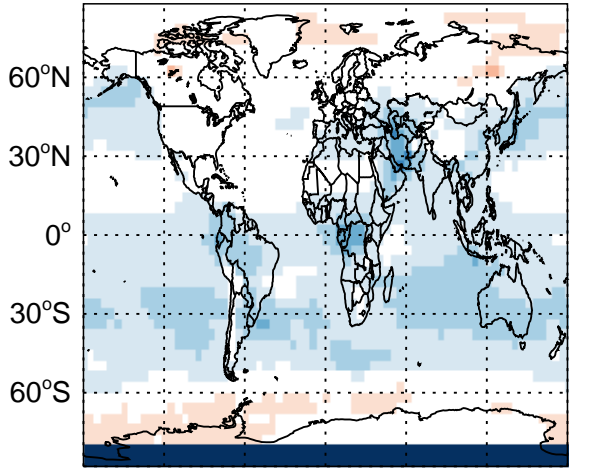
180° 120°W 60°W 0° 60°E 120°E 180°



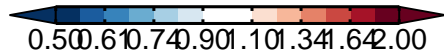
GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0 - v11-02e-Run1

JCH3Cl - J-Value Ratio @ surface for Jul

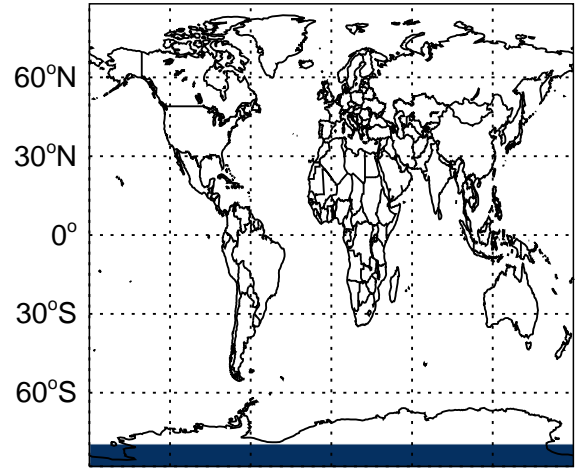


180° 120°W 60°W 0° 60°E 120°E 180°

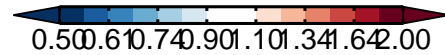


v11-02f-Run0 - v11-02e-Run1

JCH3Cl - J-Value Ratio @ 500 hPa for Jul

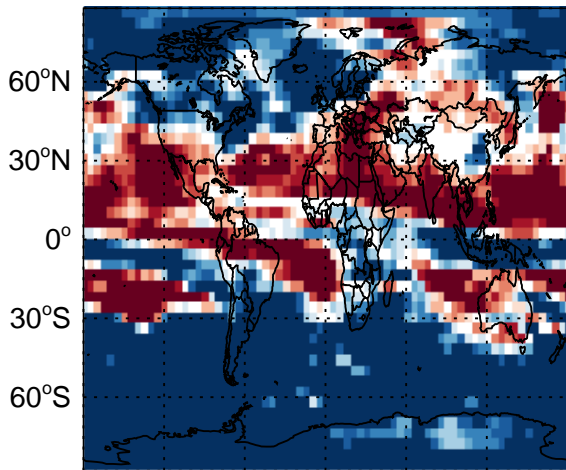


180° 120°W 60°W 0° 60°E 120°E 180°

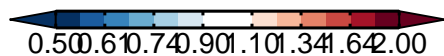


v11-02f-Run0 - v11-02e-Run0

JCH3Cl - J-Value Ratio @ surface for Jul

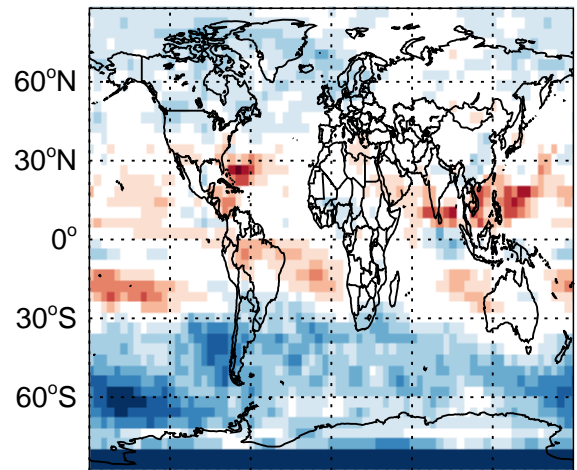


180° 120°W 60°W 0° 60°E 120°E 180°

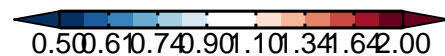


v11-02f-Run0 - v11-02e-Run0

JCH3Cl - J-Value Ratio @ 500 hPa for Jul



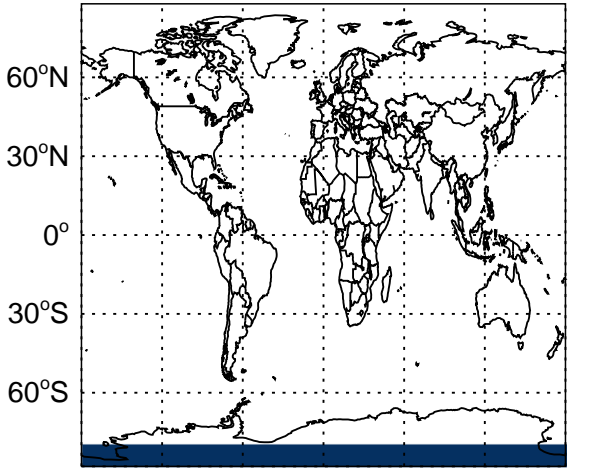
180° 120°W 60°W 0° 60°E 120°E 180°



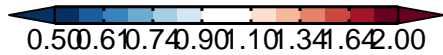
GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0 - v11-02e-Run1

JACET - J-Value Ratio @ surface for Jul

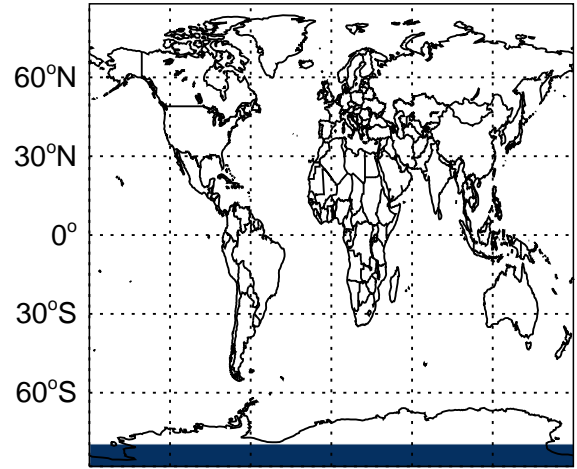


180° 120°W 60°W 0° 60°E 120°E 180°

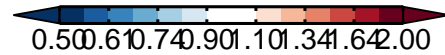


v11-02f-Run0 - v11-02e-Run1

JACET - J-Value Ratio @ 500 hPa for Jul

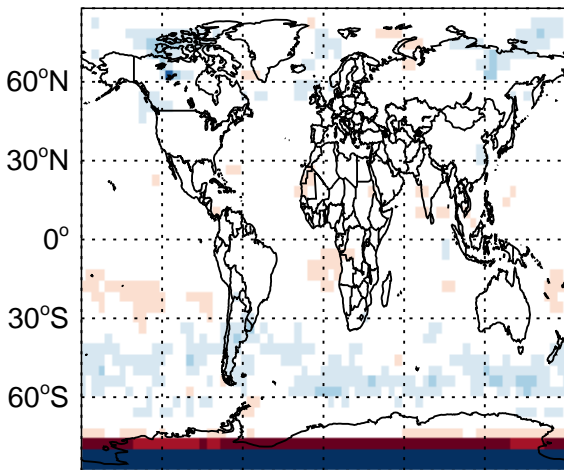


180° 120°W 60°W 0° 60°E 120°E 180°

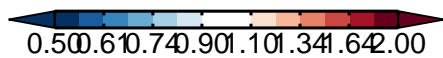


v11-02f-Run0 - v11-02e-Run0

JACET - J-Value Ratio @ surface for Jul

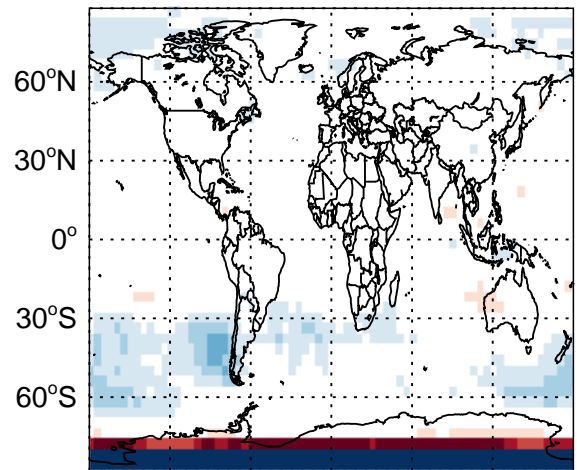


180° 120°W 60°W 0° 60°E 120°E 180°

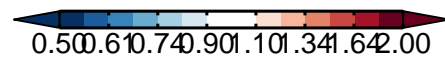


v11-02f-Run0 - v11-02e-Run0

JACET - J-Value Ratio @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°

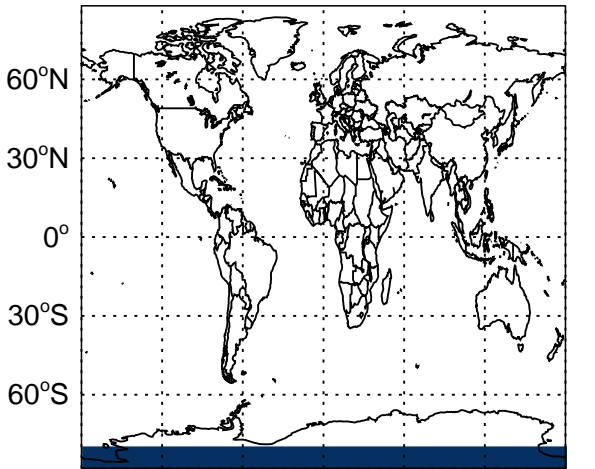


GEOS-Chem J-Values at surface and 500 hPa

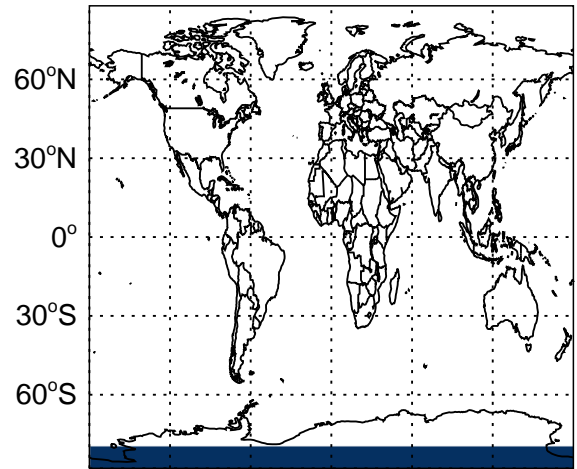
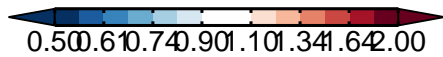
v11-02f-Run0 - v11-02e-Run1

v11-02f-Run0 - v11-02e-Run1

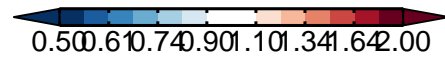
JALD2 - J-Value Ratio @ surface for Jul JALD2 - J-Value Ratio @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°



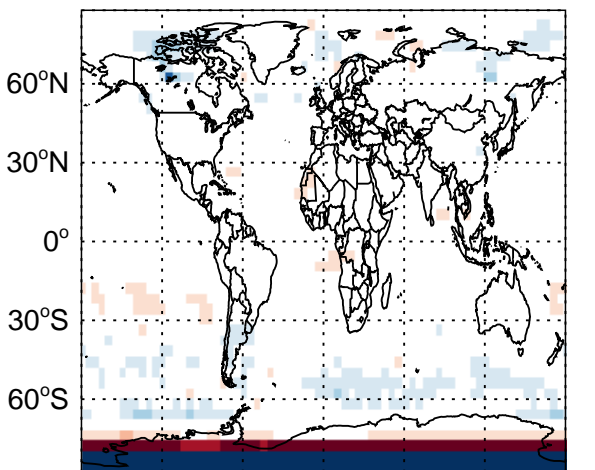
180° 120°W 60°W 0° 60°E 120°E 180°



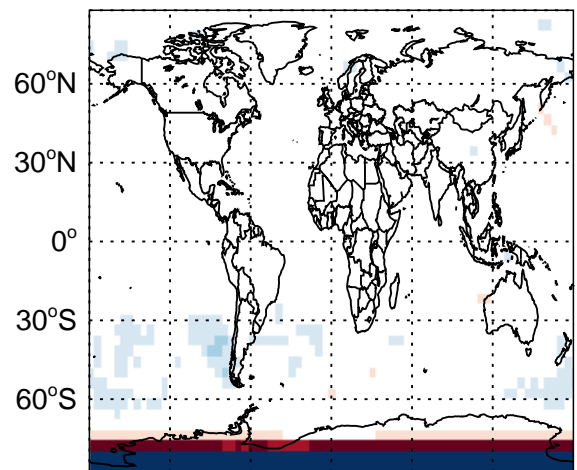
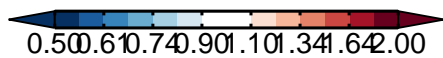
v11-02f-Run0 - v11-02e-Run0

v11-02f-Run0 - v11-02e-Run0

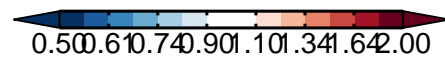
JALD2 - J-Value Ratio @ surface for Jul JALD2 - J-Value Ratio @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°



180° 120°W 60°W 0° 60°E 120°E 180°

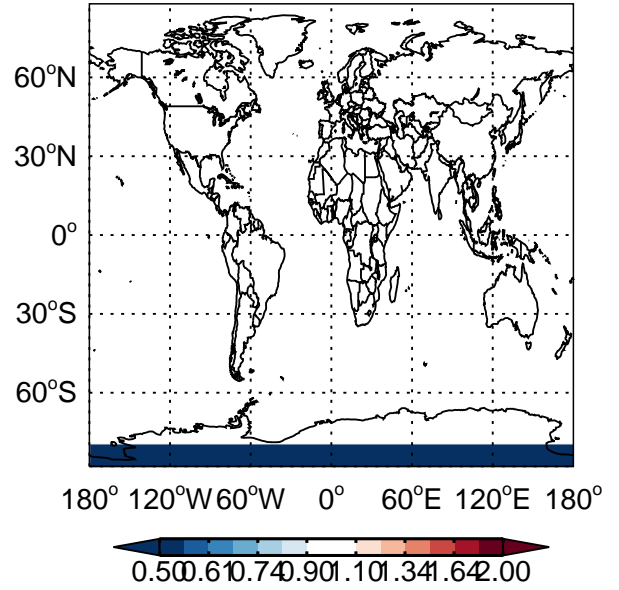
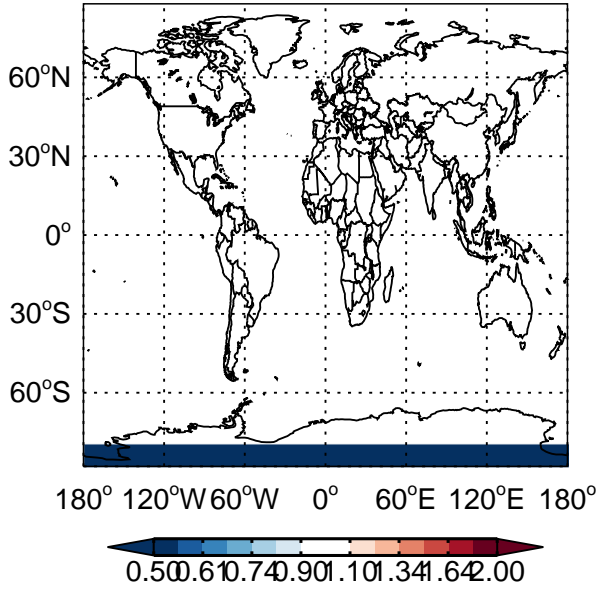


GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0 - v11-02e-Run1

v11-02f-Run0 - v11-02e-Run1

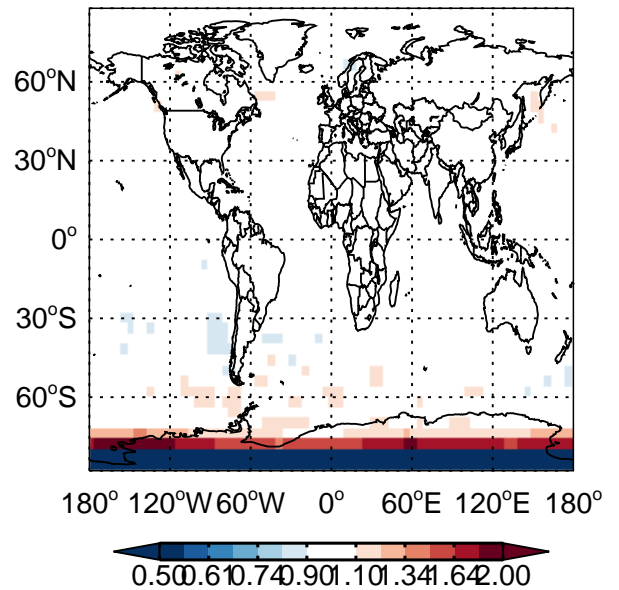
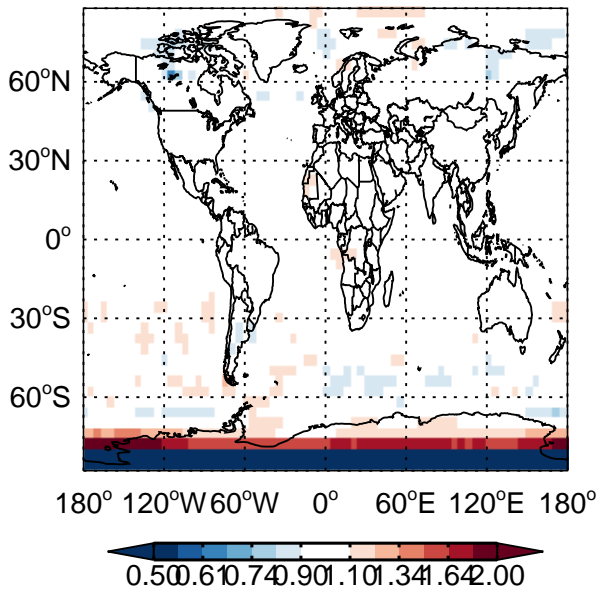
JMVK - J-Value Ratio @ surface for Jul JMVK - J-Value Ratio @ 500 hPa for Jul



v11-02f-Run0 - v11-02e-Run0

v11-02f-Run0 - v11-02e-Run0

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



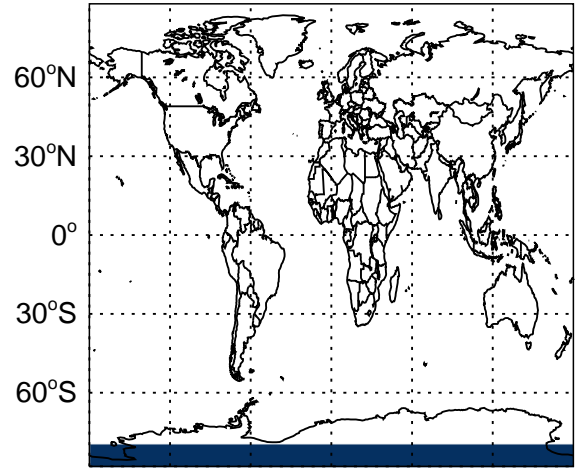
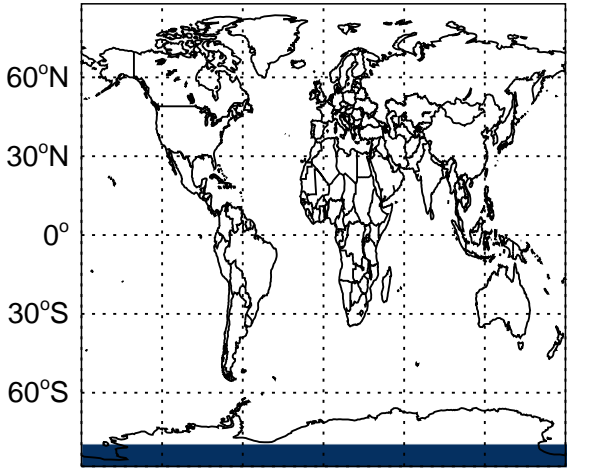
GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0 - v11-02e-Run1

v11-02f-Run0 - v11-02e-Run1

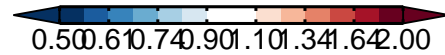
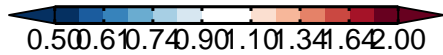
JMACR - J-Value Ratio @ surface for Jul

JMACR - J-Value Ratio @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°

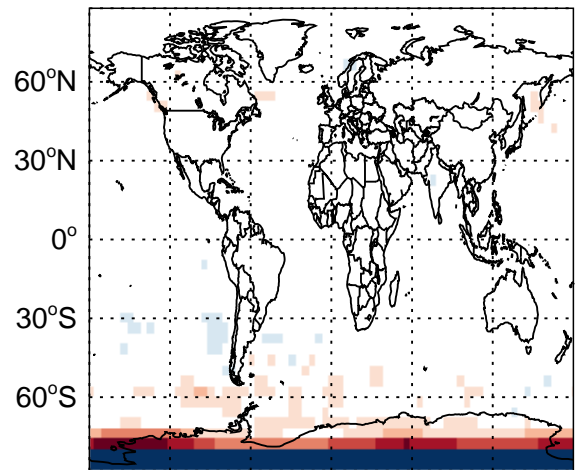
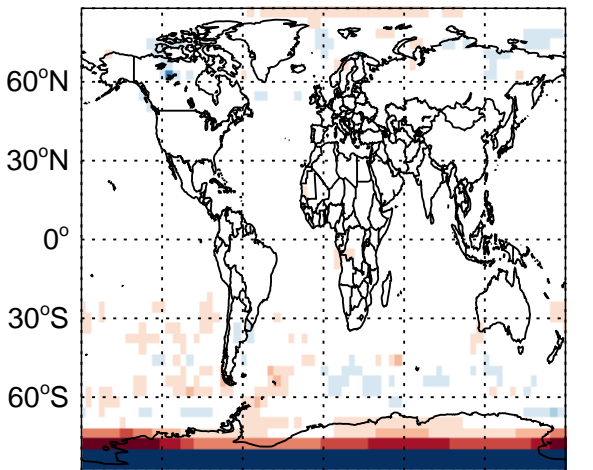


v11-02f-Run0 - v11-02e-Run0

v11-02f-Run0 - v11-02e-Run0

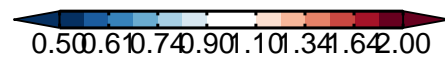
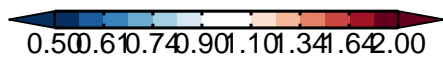
JMACR - J-Value Ratio @ surface for Jul

JMACR - J-Value Ratio @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°

180° 120°W 60°W 0° 60°E 120°E 180°



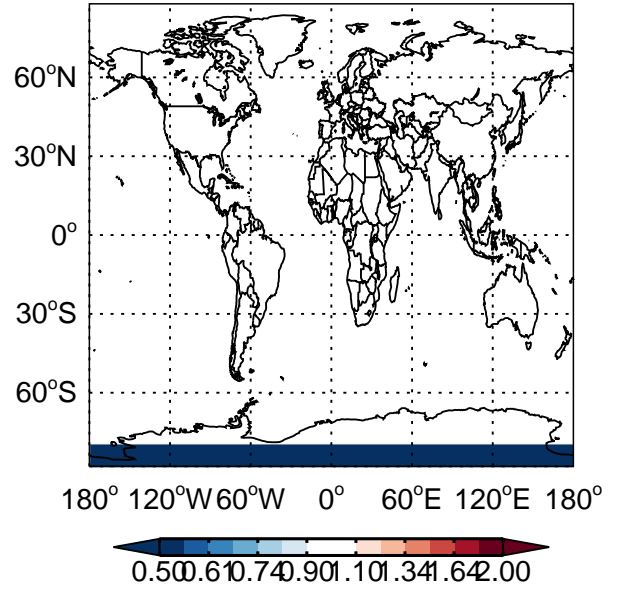
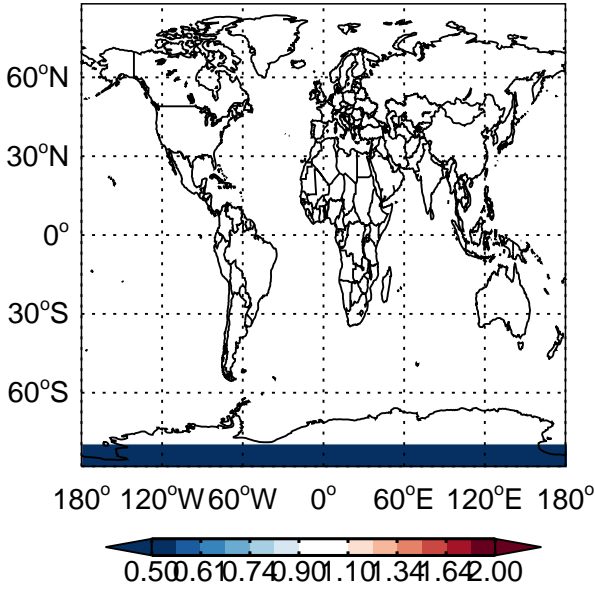
GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0 - v11-02e-Run1

v11-02f-Run0 - v11-02e-Run1

JHAC - J-Value Ratio @ surface for Jul

JHAC - J-Value Ratio @ 500 hPa for Jul

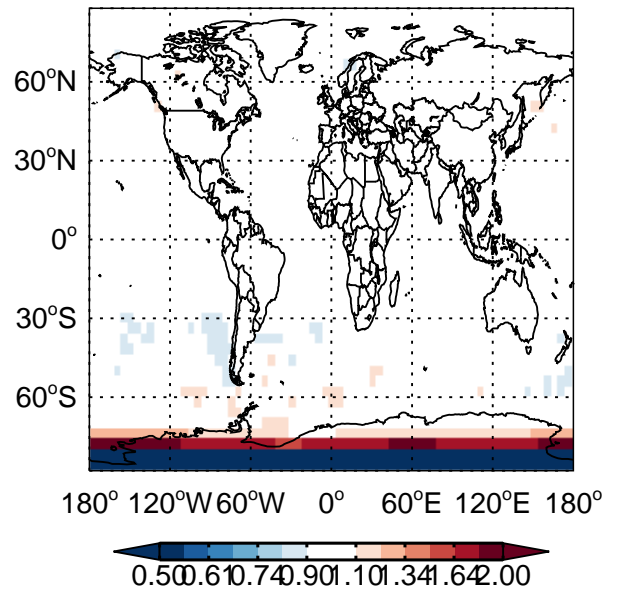
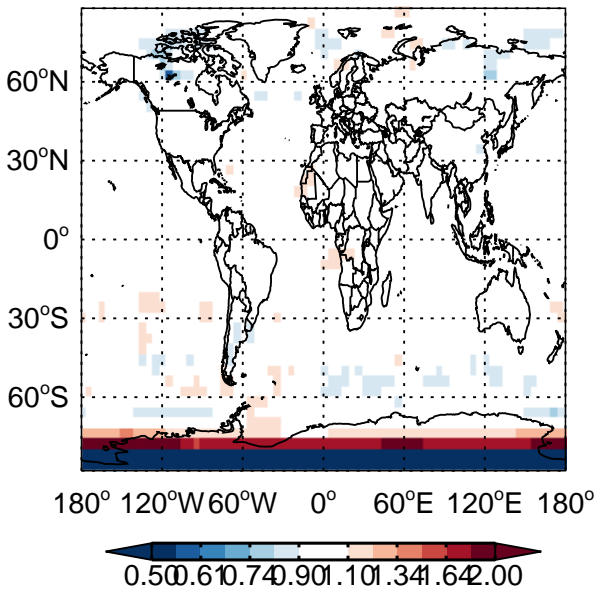


v11-02f-Run0 - v11-02e-Run0

v11-02f-Run0 - v11-02e-Run0

JHAC - J-Value Ratio @ surface for Jul

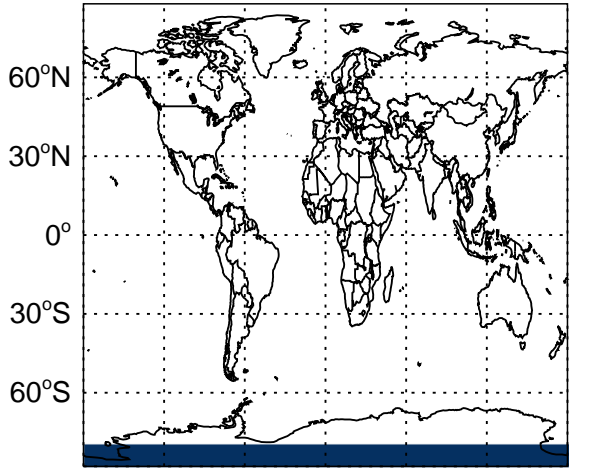
JHAC - J-Value Ratio @ 500 hPa for Jul



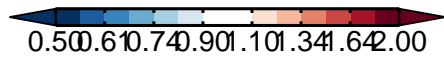
GEOS-Chem J-Values at surface and 500 hPa

v11-02f-Run0 - v11-02e-Run1

JGLYC - J-Value Ratio @ surface for Jul

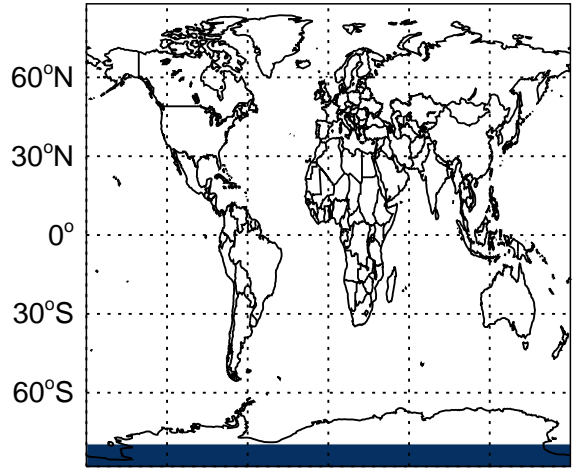


180° 120°W 60°W 0° 60°E 120°E 180°

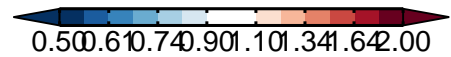


v11-02f-Run0 - v11-02e-Run1

JGLYC - J-Value Ratio @ 500 hPa for Jul

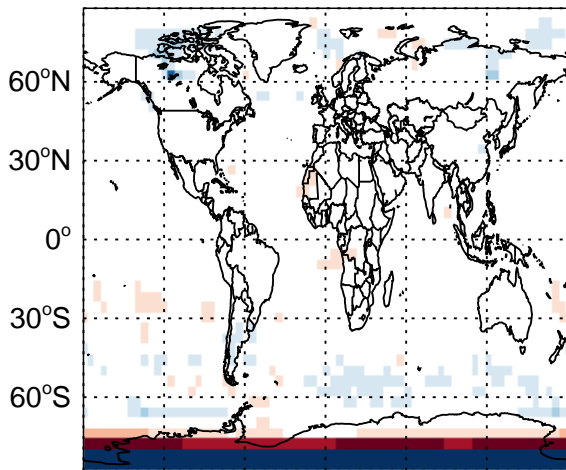


180° 120°W 60°W 0° 60°E 120°E 180°

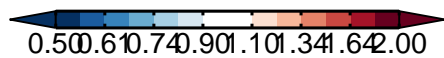


v11-02f-Run0 - v11-02e-Run0

JGLYC - J-Value Ratio @ surface for Jul

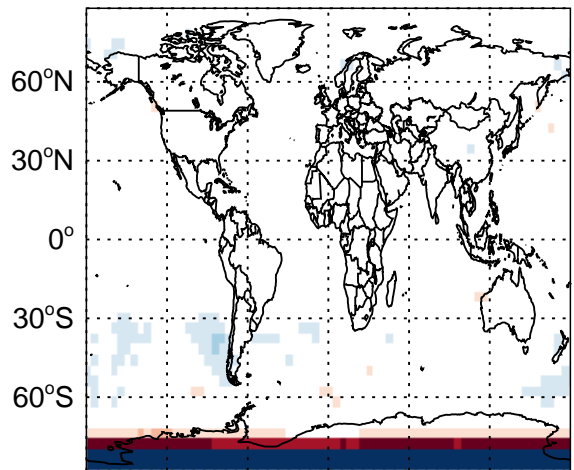


180° 120°W 60°W 0° 60°E 120°E 180°



v11-02f-Run0 - v11-02e-Run0

JGLYC - J-Value Ratio @ 500 hPa for Jul



180° 120°W 60°W 0° 60°E 120°E 180°

