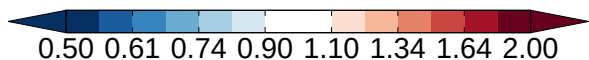
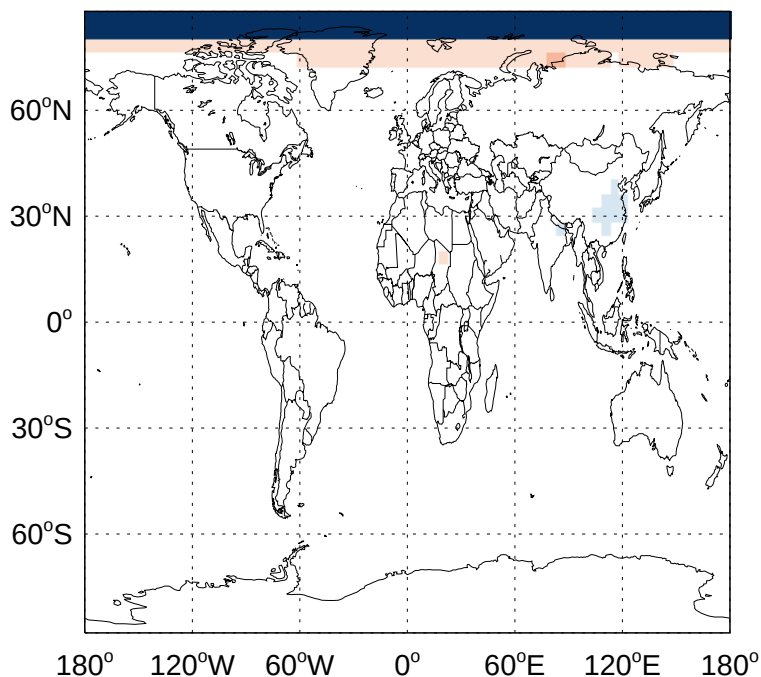


# GEOS-Chem J-Values at surface and 500 hPa

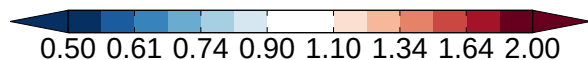
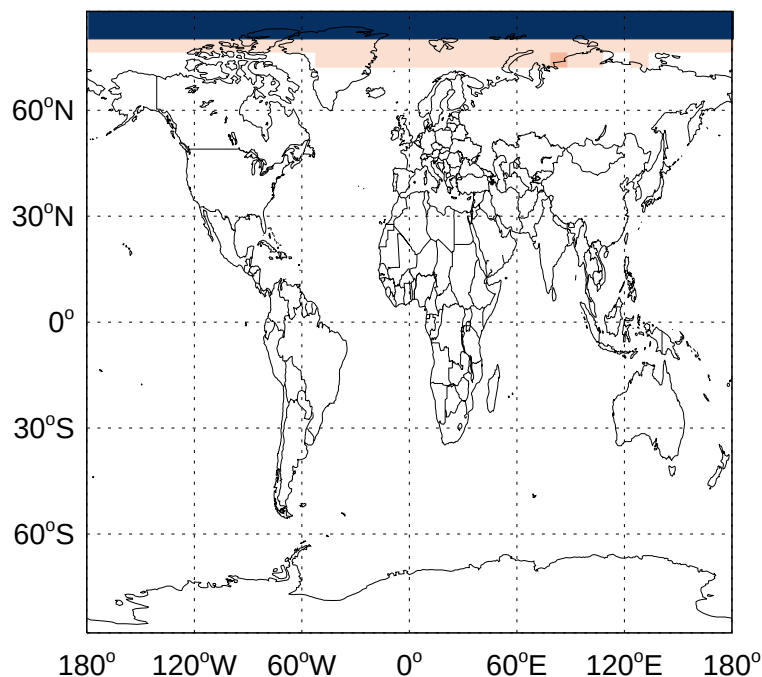
GC\_12.4.0 - GC\_12.0.0

JNO2 - J-Value Ratio @ surface for Jan



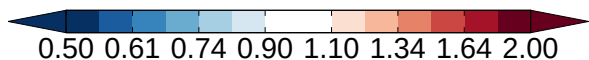
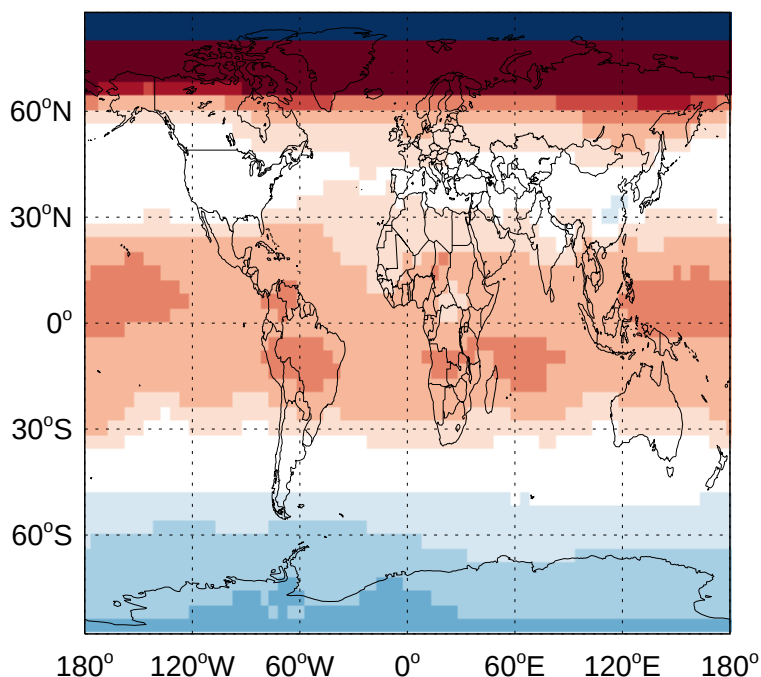
GC\_12.4.0 - GC\_12.0.0

JNO2 - J-Value Ratio @ 500 hPa for Jan



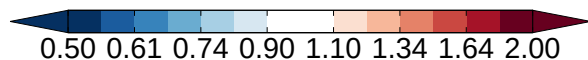
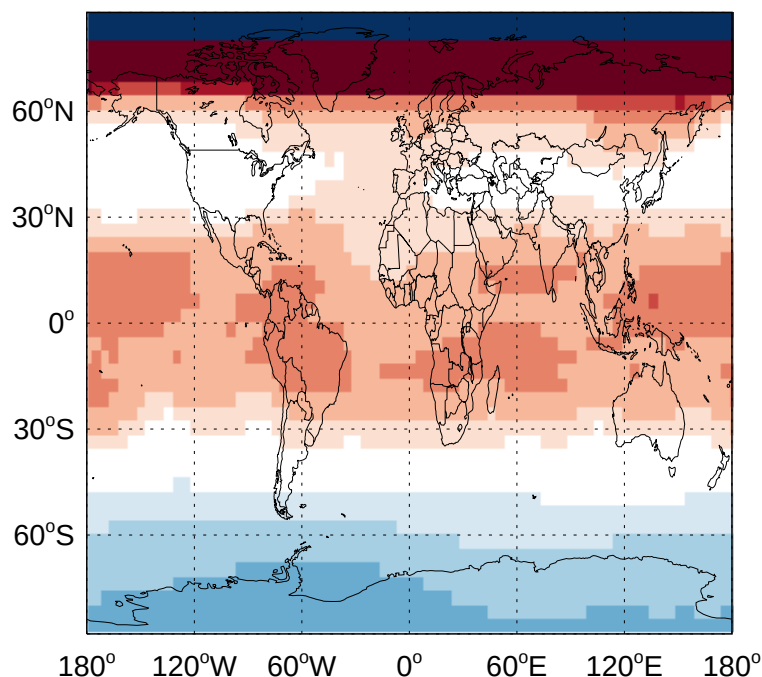
GC\_12.4.0 - GC\_12.0.0

JHNO3 - J-Value Ratio @ surface for Jan



GC\_12.4.0 - GC\_12.0.0

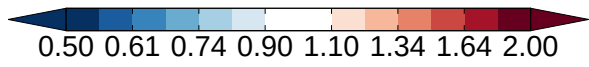
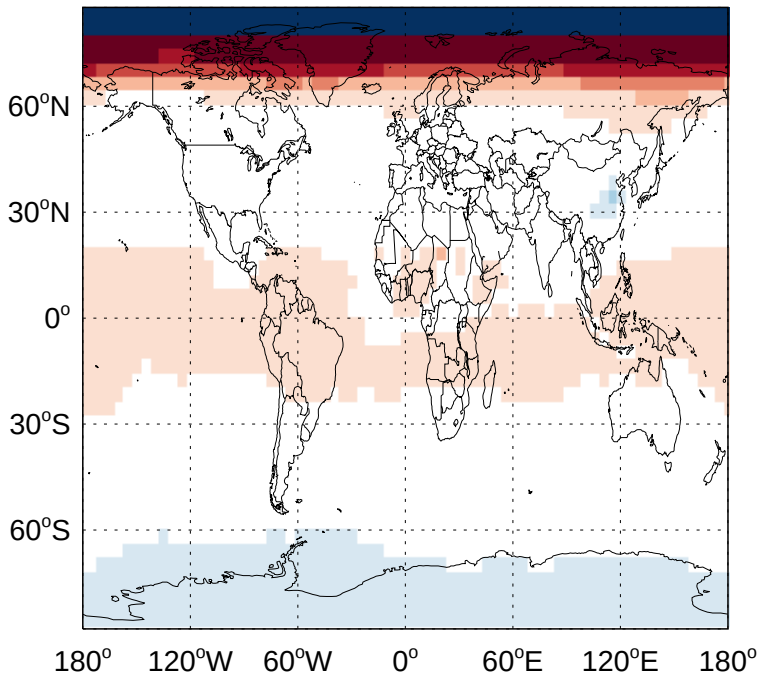
JHNO3 - J-Value Ratio @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

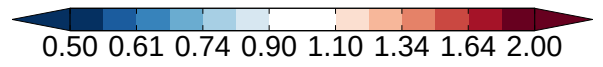
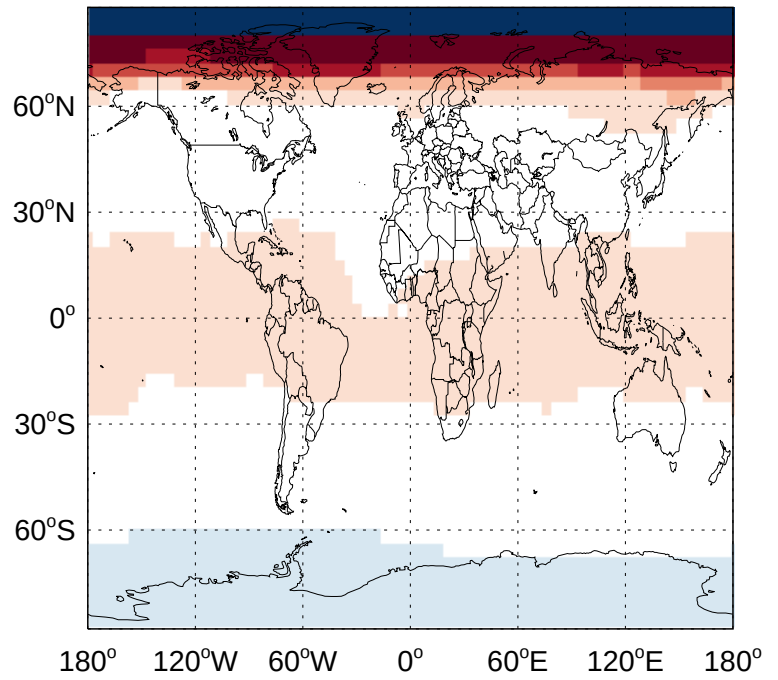
GC\_12.4.0 - GC\_12.0.0

JH2O2 - J-Value Ratio @ surface for Jan



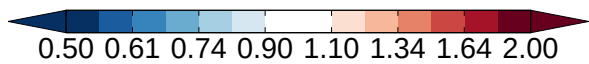
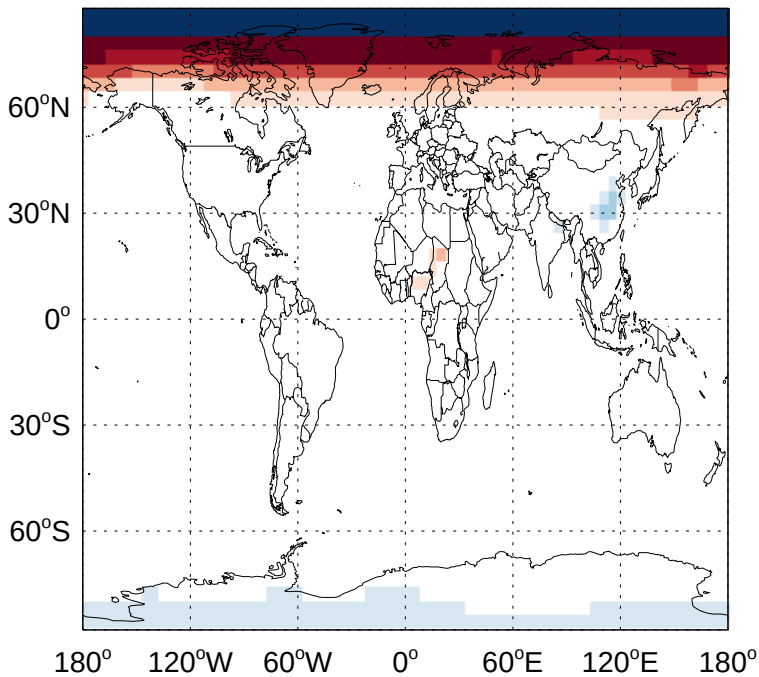
GC\_12.4.0 - GC\_12.0.0

JH2O2 - J-Value Ratio @ 500 hPa for Jan



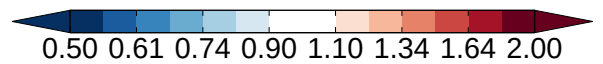
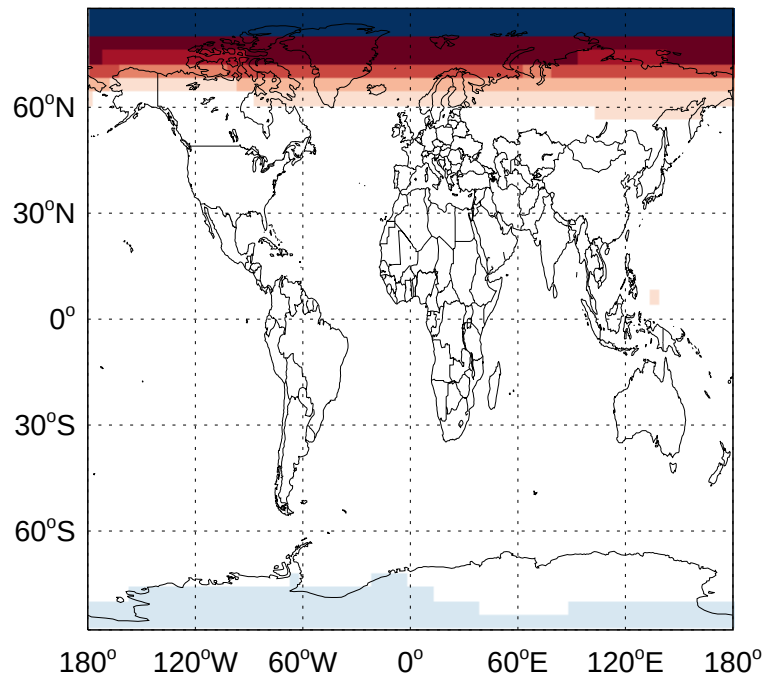
GC\_12.4.0 - GC\_12.0.0

JCH2O - J-Value Ratio @ surface for Jan



GC\_12.4.0 - GC\_12.0.0

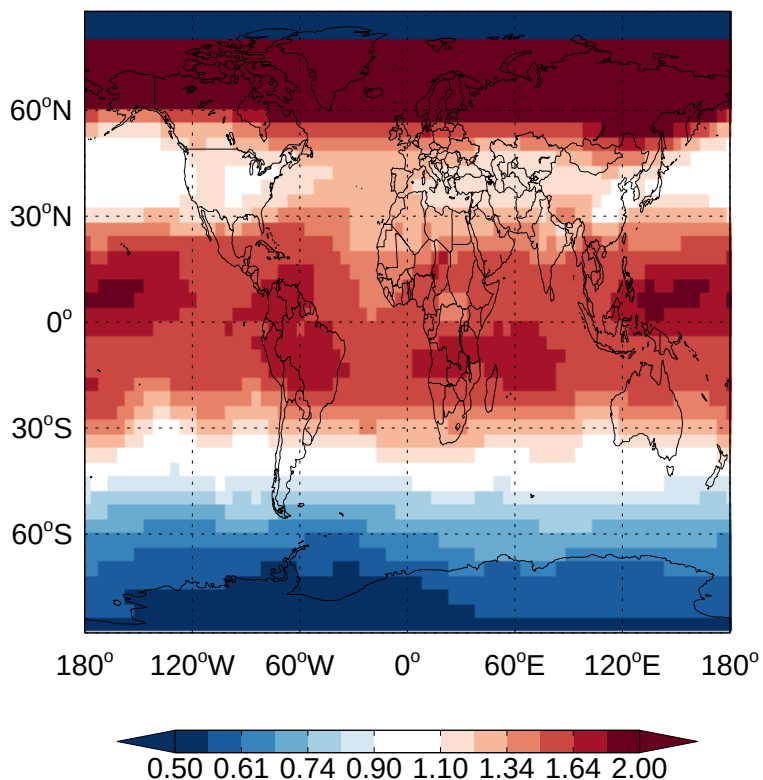
JCH2O - J-Value Ratio @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

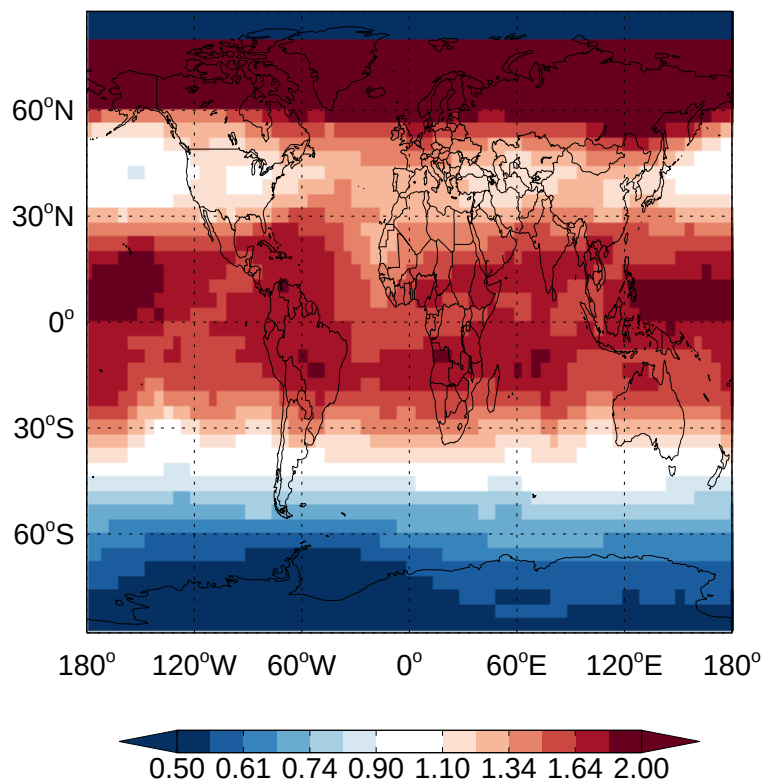
GC\_12.4.0 - GC\_12.0.0

JO3\_O1D - J-Value Ratio @ surface for Jan



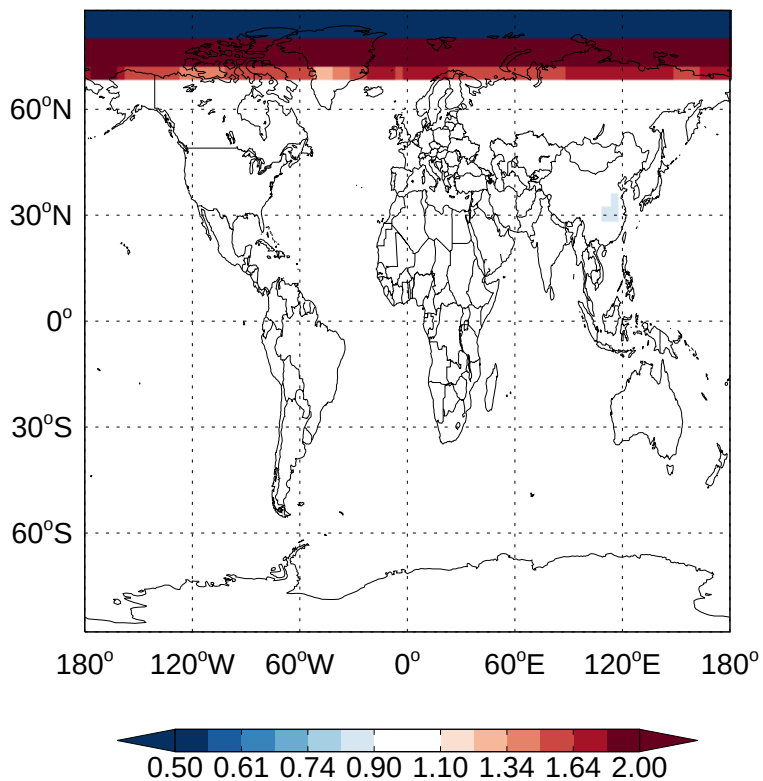
GC\_12.4.0 - GC\_12.0.0

JO3\_O1D - J-Value Ratio @ 500 hPa for Jan



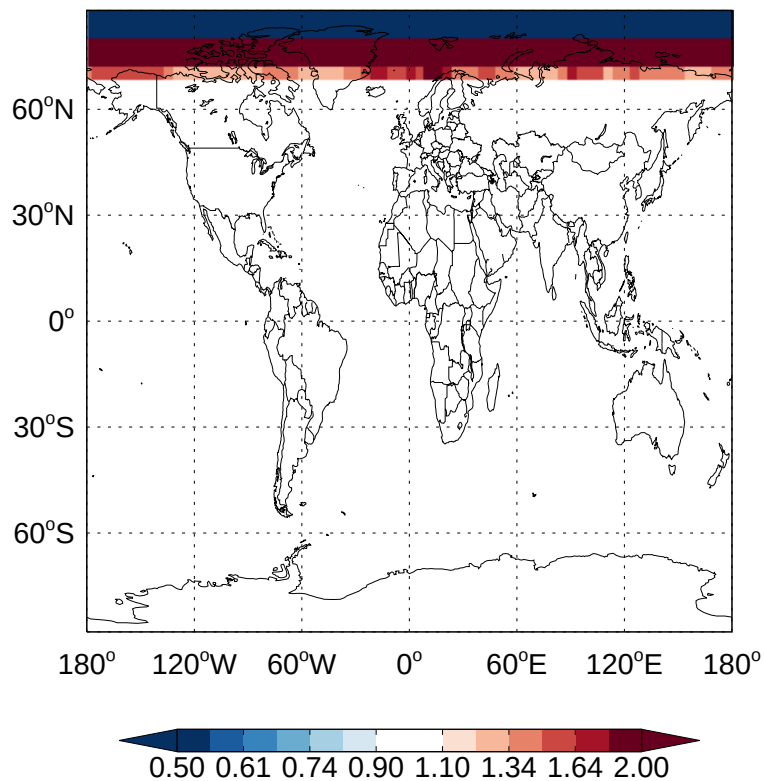
GC\_12.4.0 - GC\_12.0.0

JO3\_O3P - J-Value Ratio @ surface for Jan



GC\_12.4.0 - GC\_12.0.0

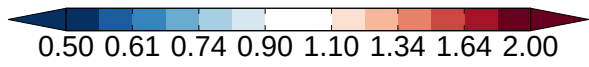
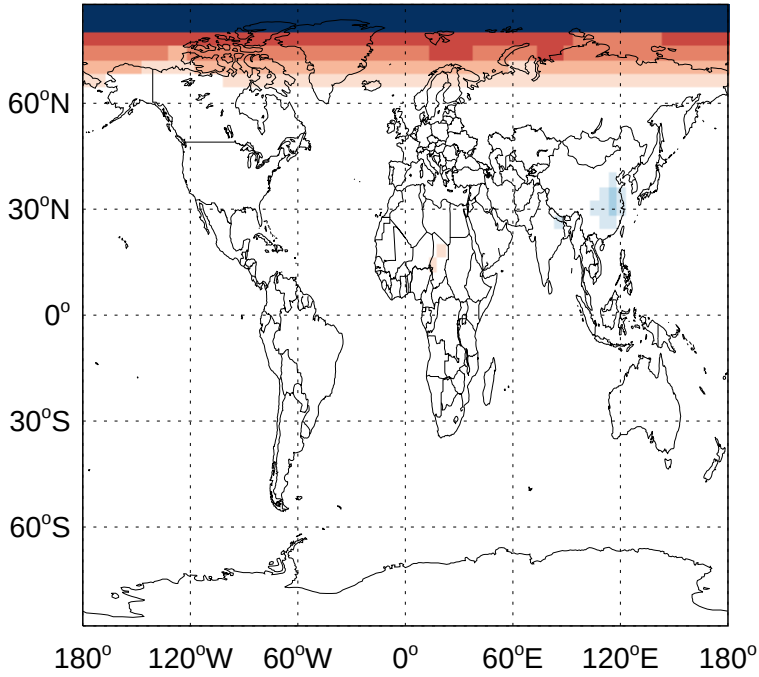
JO3\_O3P - J-Value Ratio @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

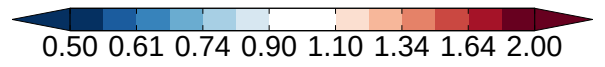
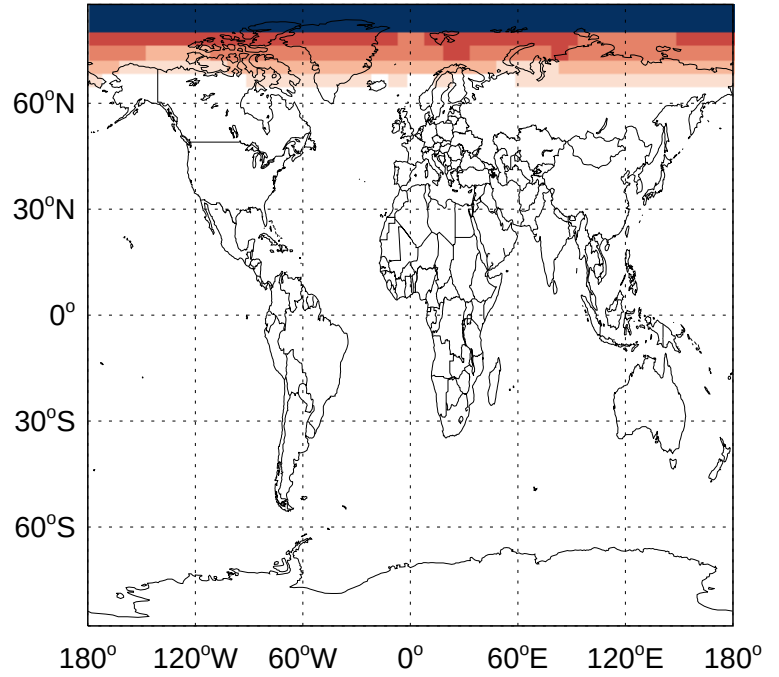
GC\_12.4.0 - GC\_12.0.0

JBrO - J-Value Ratio @ surface for Jan



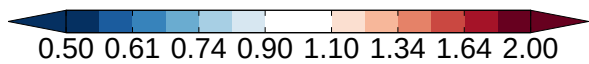
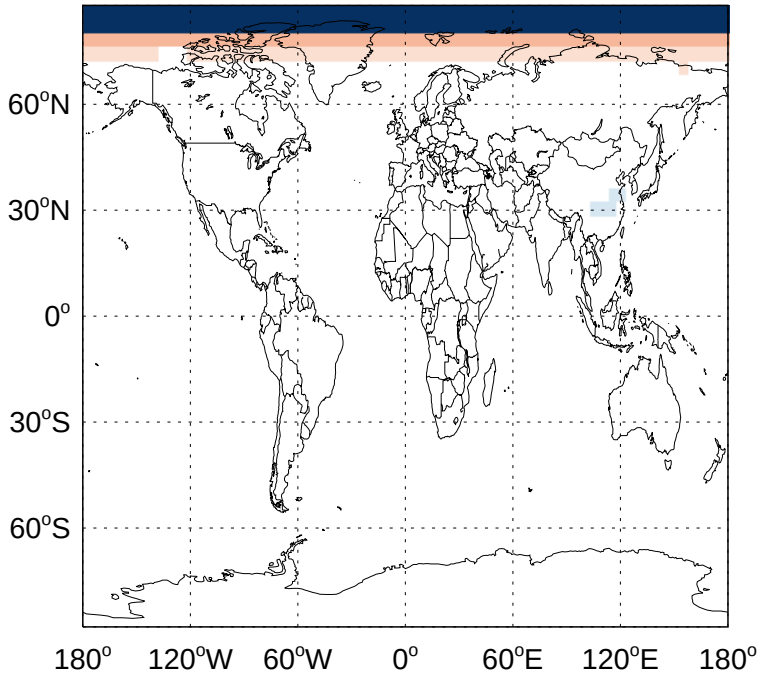
GC\_12.4.0 - GC\_12.0.0

JBrO - J-Value Ratio @ 500 hPa for Jan



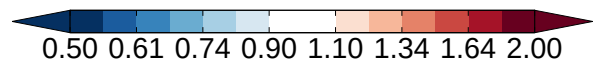
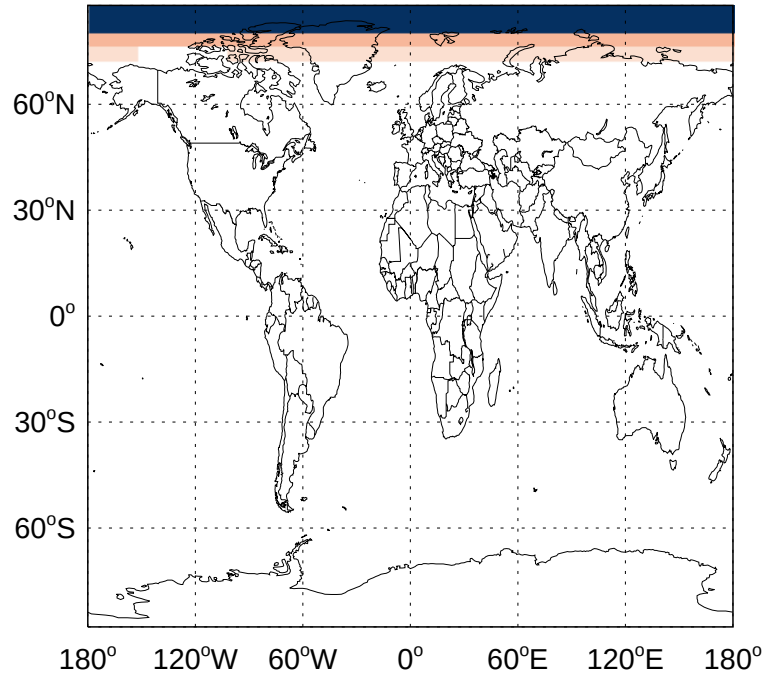
GC\_12.4.0 - GC\_12.0.0

JHOBr - J-Value Ratio @ surface for Jan



GC\_12.4.0 - GC\_12.0.0

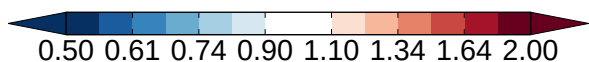
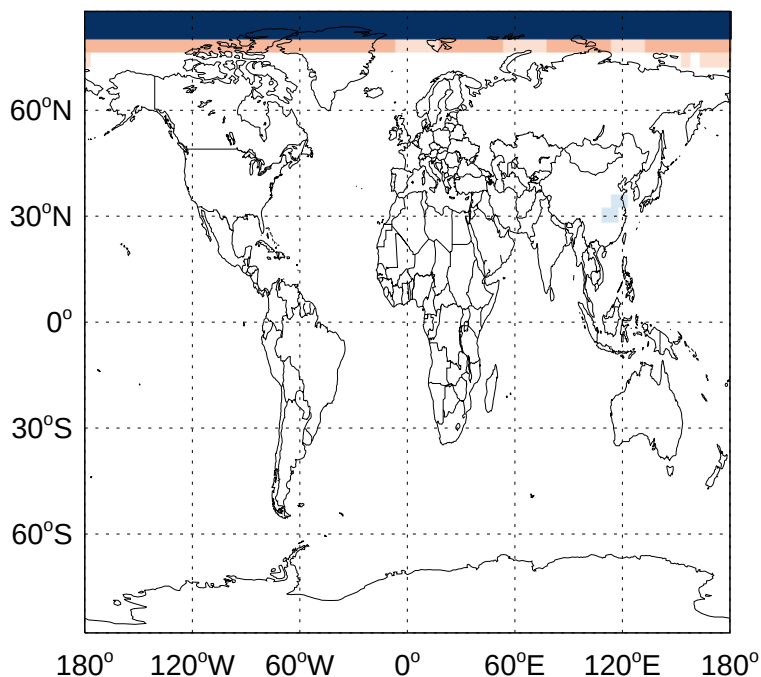
JHOBr - J-Value Ratio @ 500 hPa for Jan



# GEOS-Chem J-Values at surface and 500 hPa

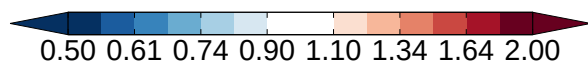
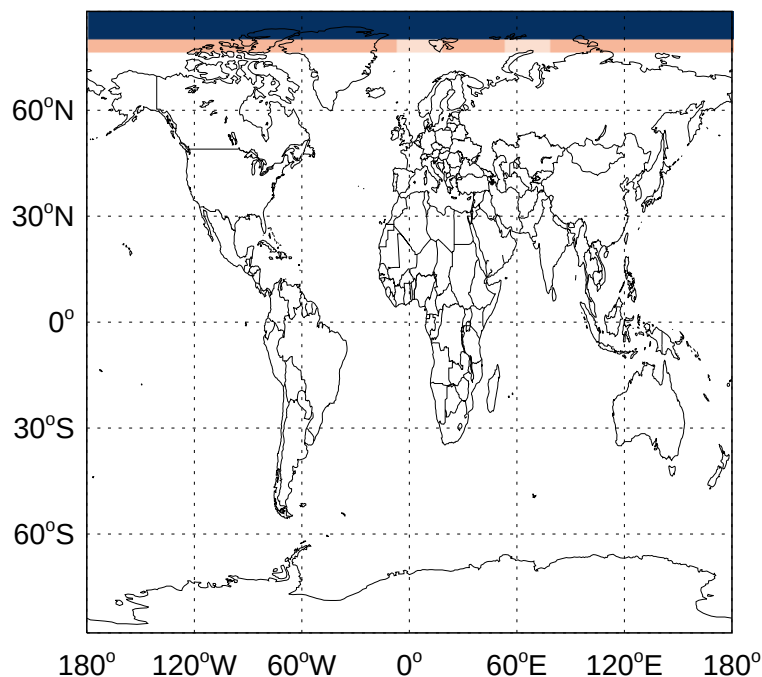
GC\_12.4.0 - GC\_12.0.0

JBrNO2 - J-Value Ratio @ surface for Jan



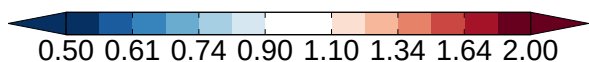
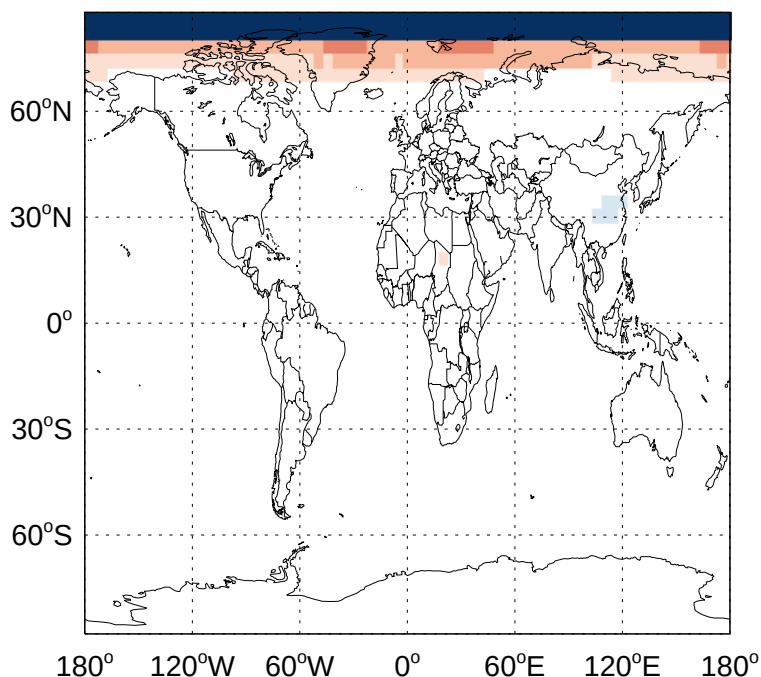
GC\_12.4.0 - GC\_12.0.0

JBrNO2 - J-Value Ratio @ 500 hPa for Jan



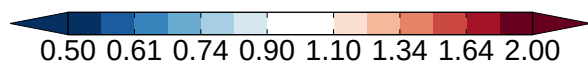
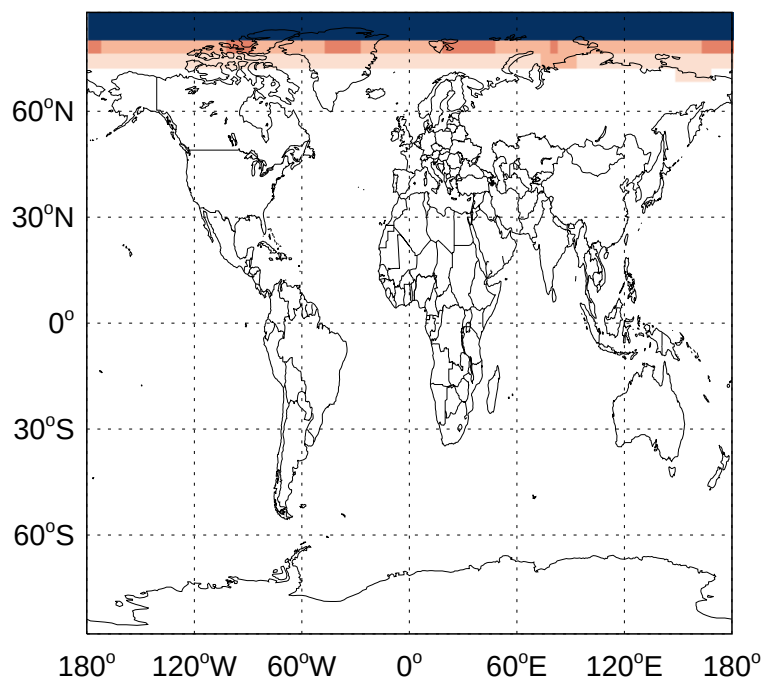
GC\_12.4.0 - GC\_12.0.0

JBrNO3 - J-Value Ratio @ surface for Jan



GC\_12.4.0 - GC\_12.0.0

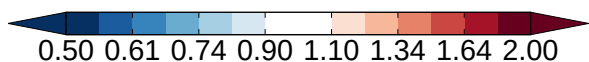
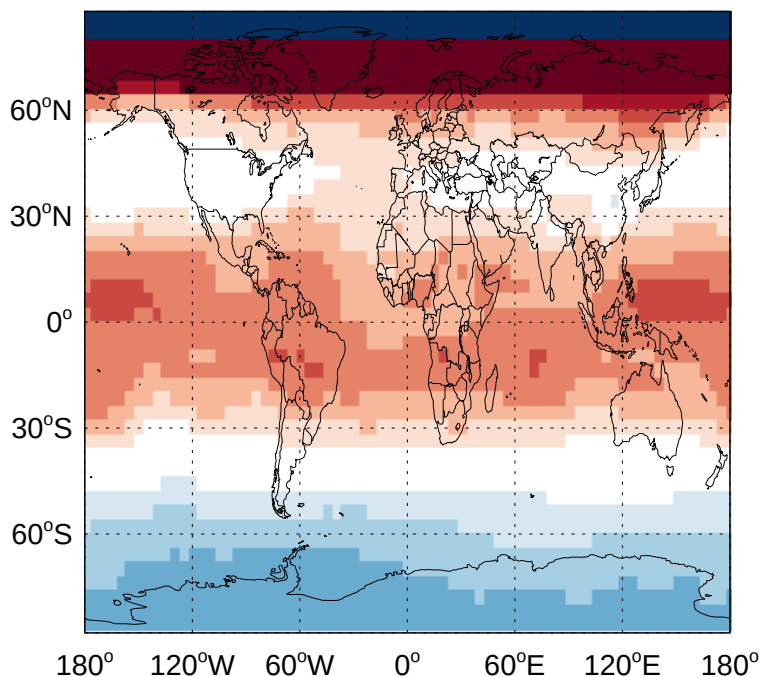
JBrNO3 - J-Value Ratio @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

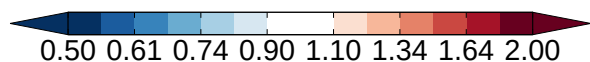
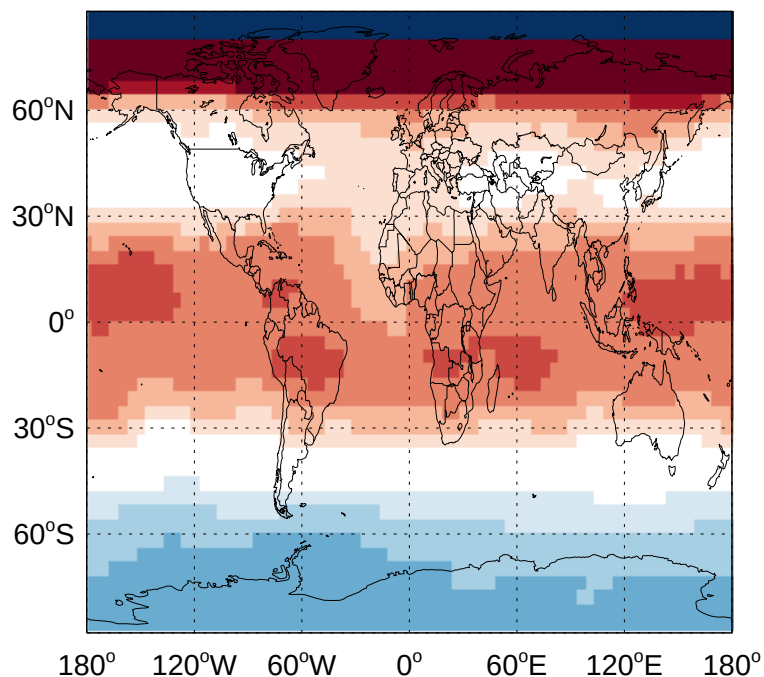
GC\_12.4.0 - GC\_12.0.0

JCHBr3 - J-Value Ratio @ surface for Jan



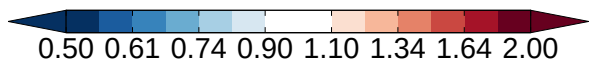
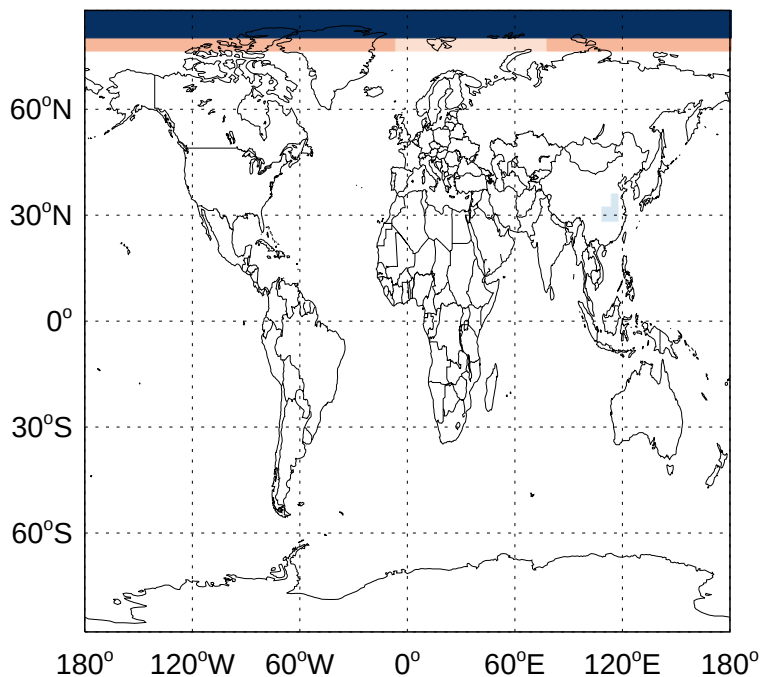
GC\_12.4.0 - GC\_12.0.0

JCHBr3 - J-Value Ratio @ 500 hPa for Jan



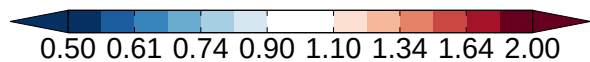
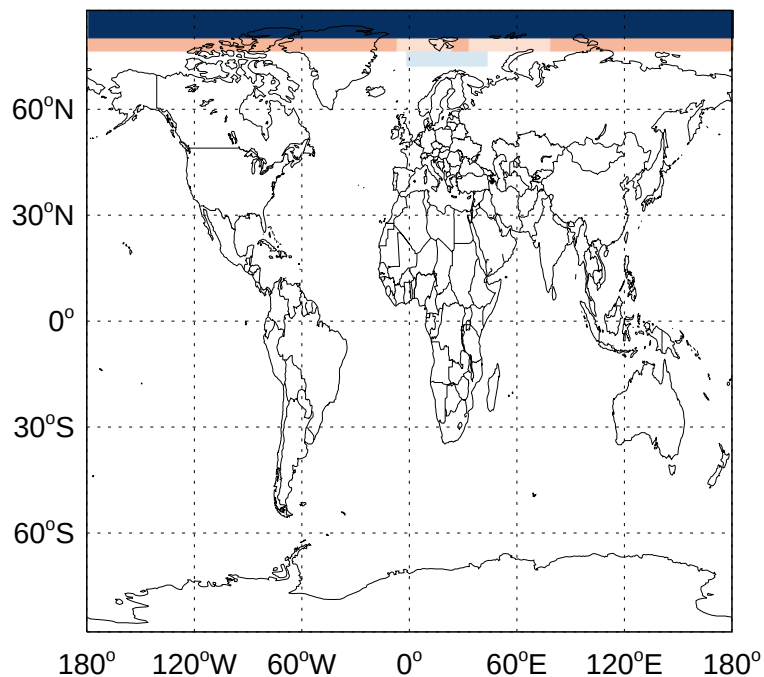
GC\_12.4.0 - GC\_12.0.0

JBr2 - J-Value Ratio @ surface for Jan



GC\_12.4.0 - GC\_12.0.0

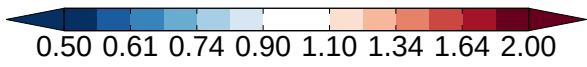
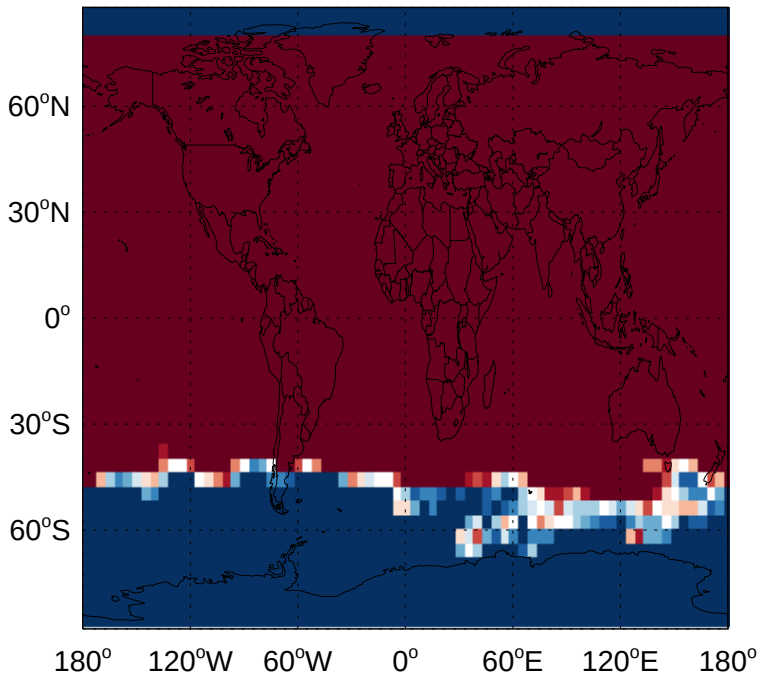
JBr2 - J-Value Ratio @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

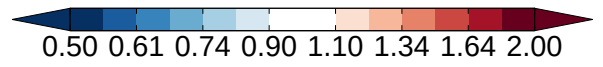
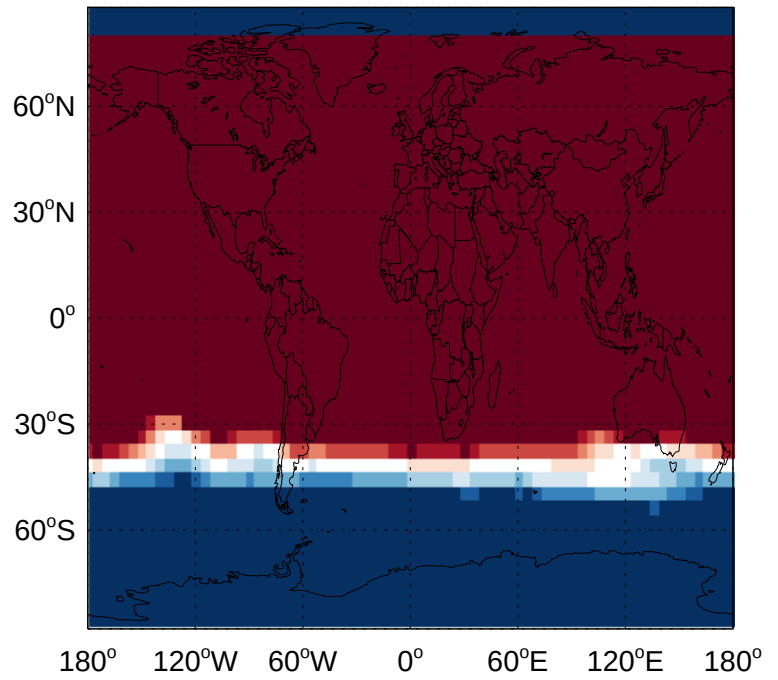
GC\_12.4.0 - GC\_12.0.0

JO2 - J-Value Ratio @ surface for Jan



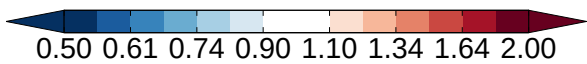
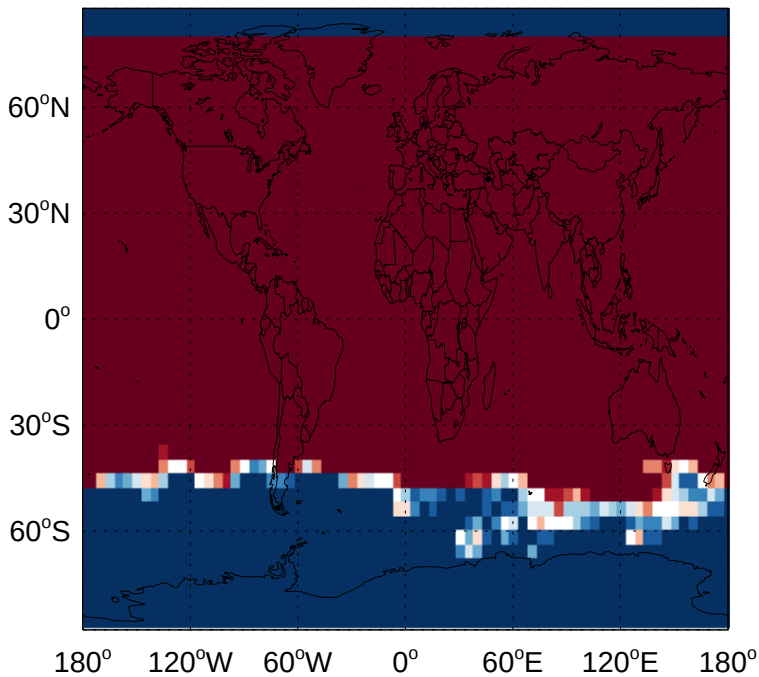
GC\_12.4.0 - GC\_12.0.0

JO2 - J-Value Ratio @ 500 hPa for Jan



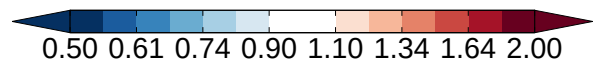
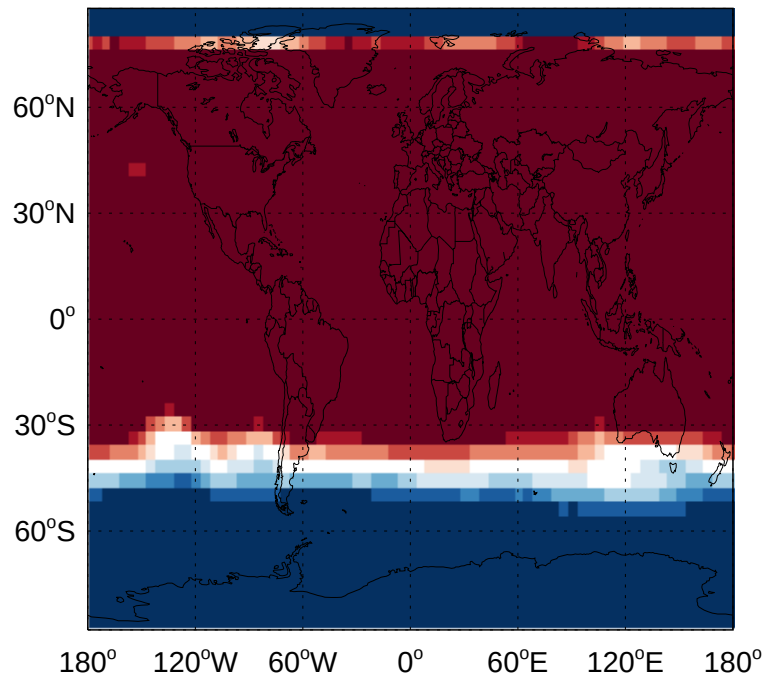
GC\_12.4.0 - GC\_12.0.0

JN2O - J-Value Ratio @ surface for Jan



GC\_12.4.0 - GC\_12.0.0

JN2O - J-Value Ratio @ 500 hPa for Jan

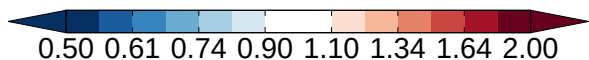
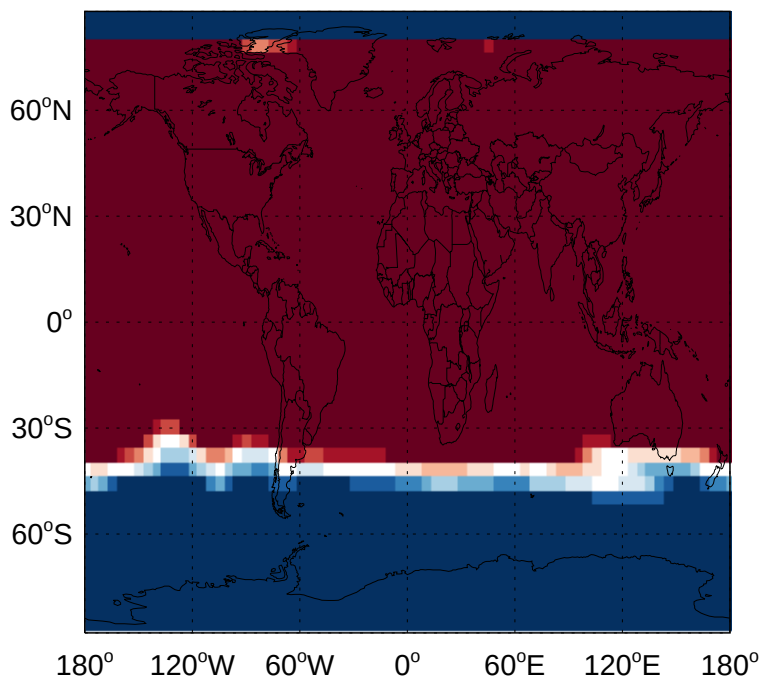




# GEOS-Chem J-Values at surface and 500 hPa

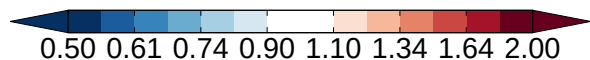
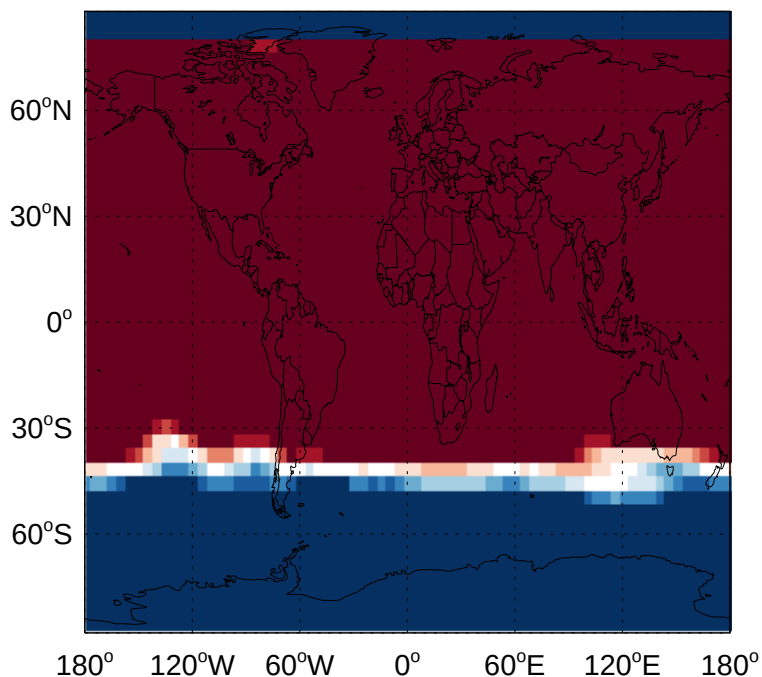
GC\_12.4.0 - GC\_12.0.0

JNO - J-Value Ratio @ surface for Jan



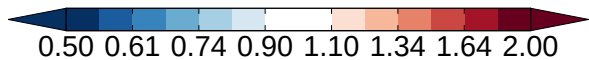
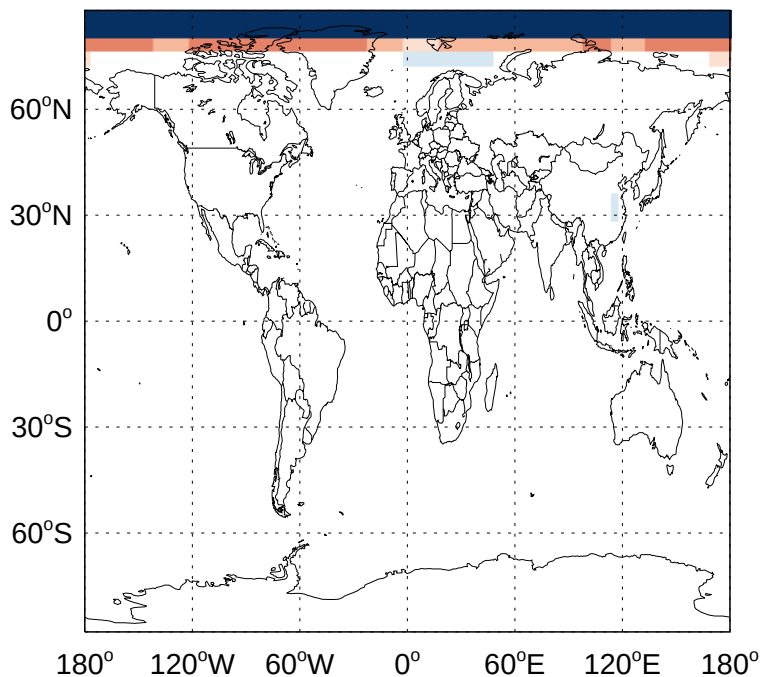
GC\_12.4.0 - GC\_12.0.0

JNO - J-Value Ratio @ 500 hPa for Jan



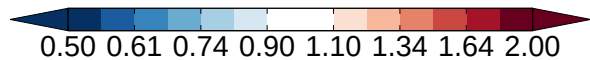
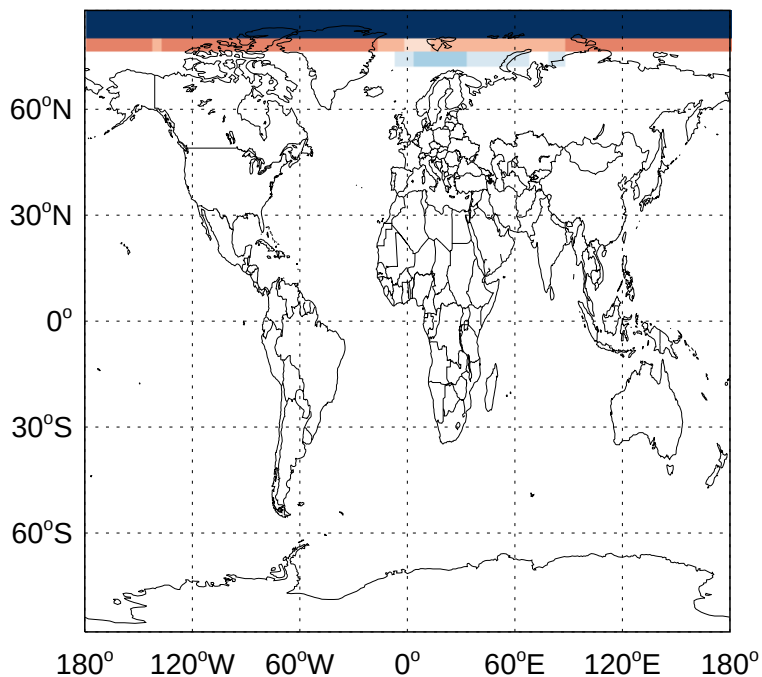
GC\_12.4.0 - GC\_12.0.0

JNO3 - J-Value Ratio @ surface for Jan



GC\_12.4.0 - GC\_12.0.0

JNO3 - J-Value Ratio @ 500 hPa for Jan

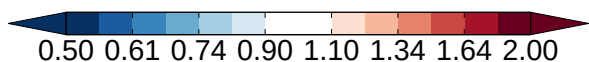
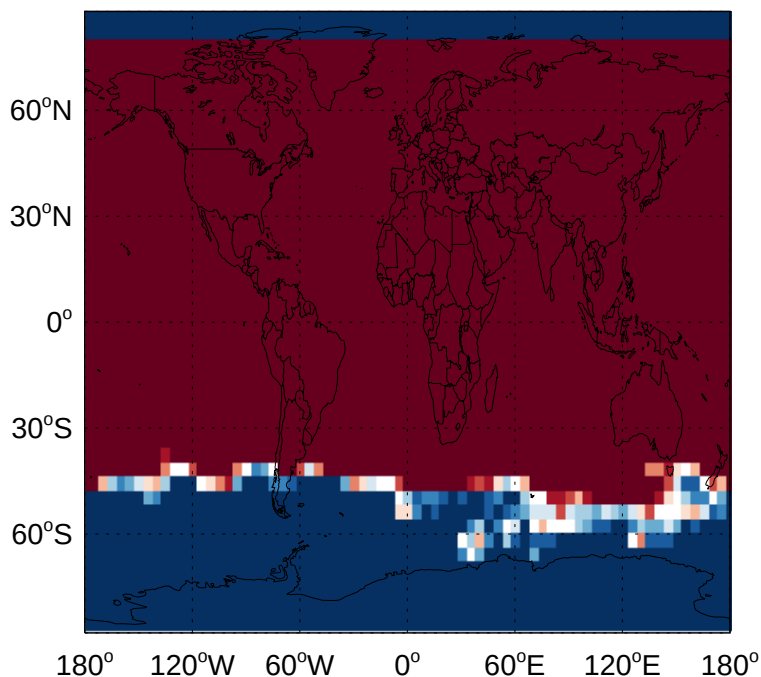




# GEOS-Chem J-Values at surface and 500 hPa

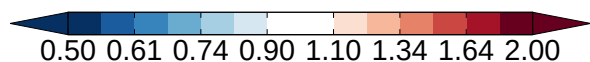
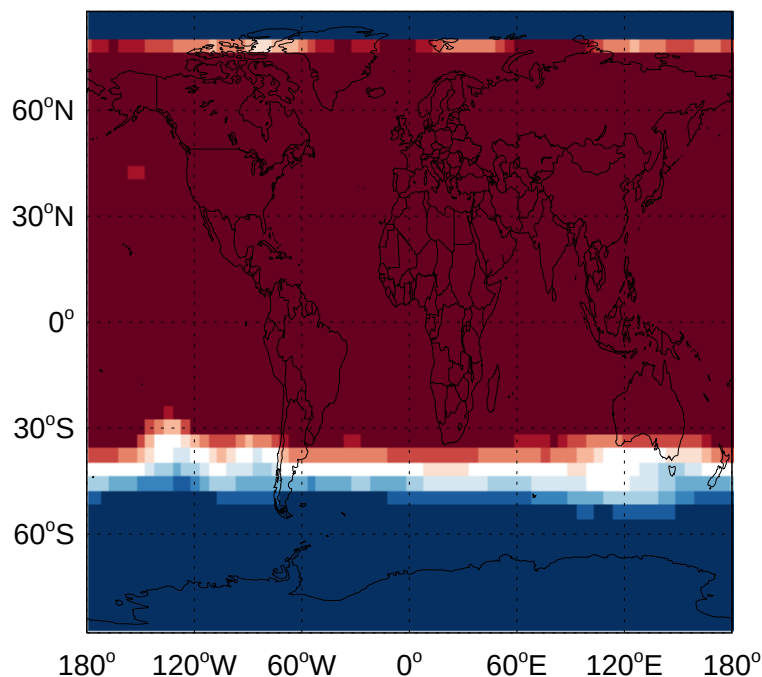
GC\_12.4.0 - GC\_12.0.0

JCFC11 - J-Value Ratio @ surface for Jan



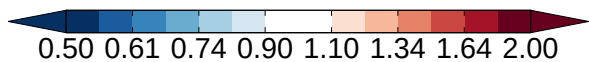
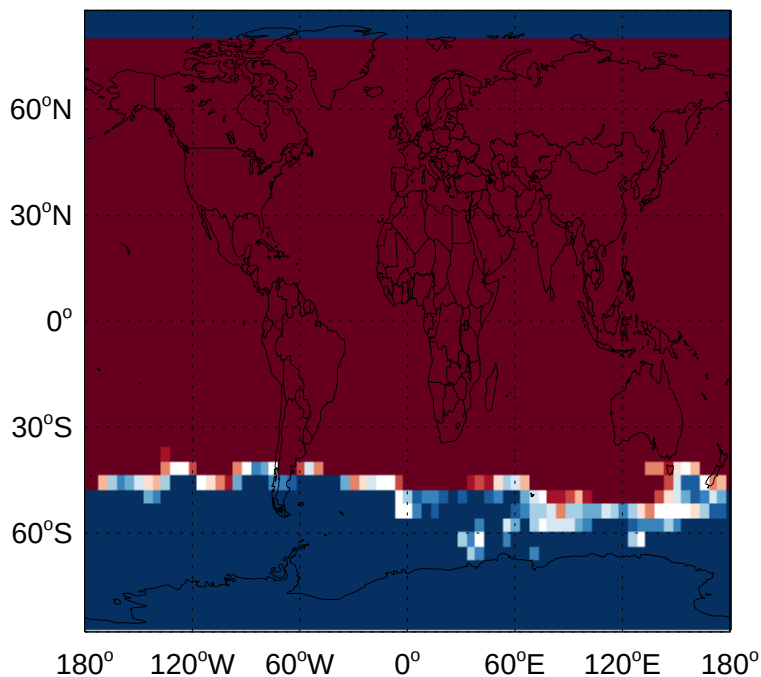
GC\_12.4.0 - GC\_12.0.0

JCFC11 - J-Value Ratio @ 500 hPa for Jan



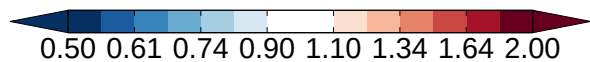
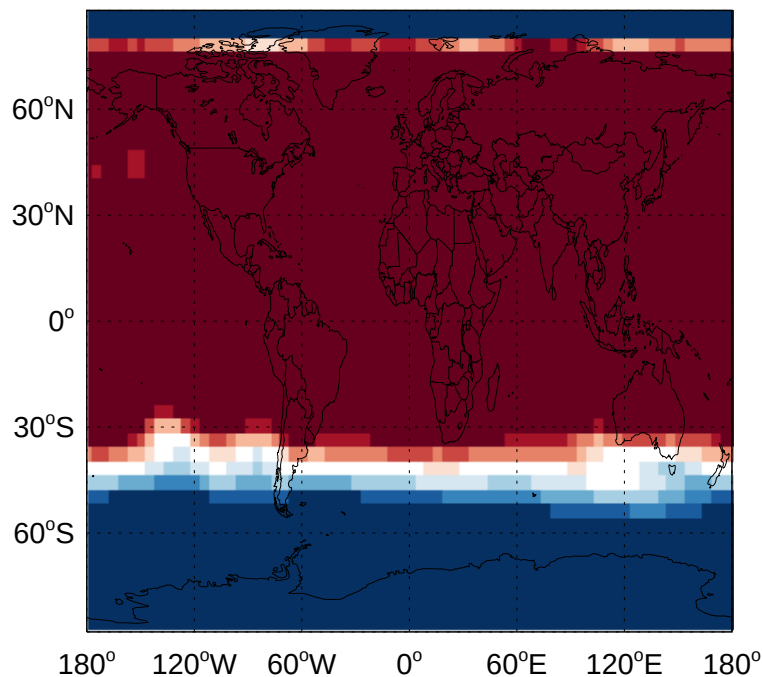
GC\_12.4.0 - GC\_12.0.0

JCFC12 - J-Value Ratio @ surface for Jan



GC\_12.4.0 - GC\_12.0.0

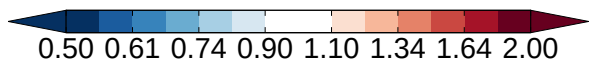
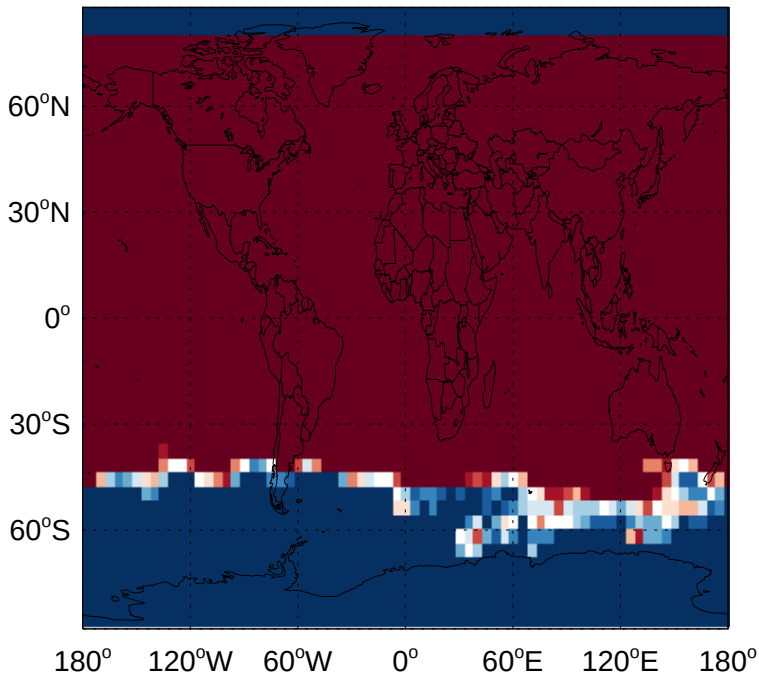
JCFC12 - J-Value Ratio @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

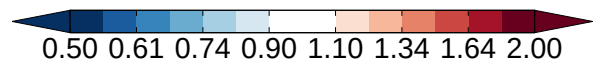
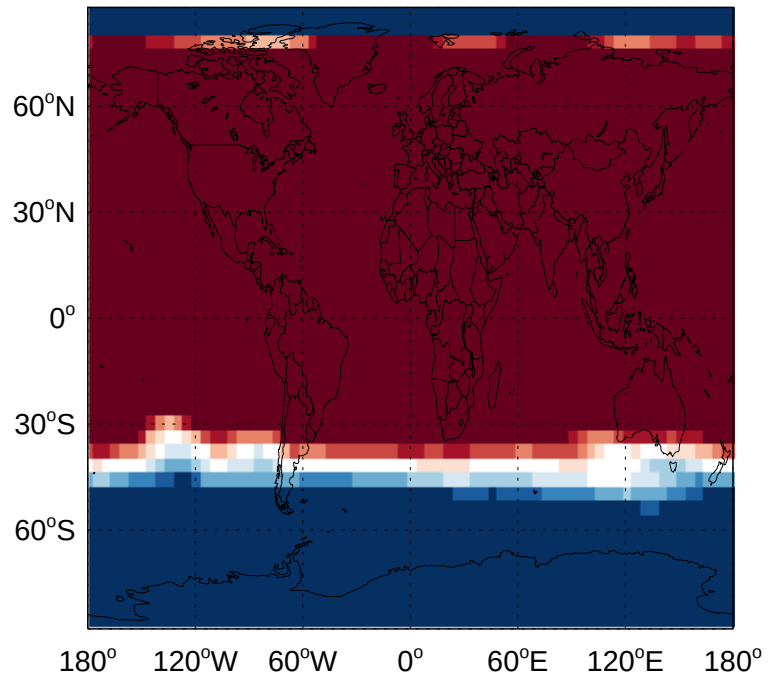
GC\_12.4.0 - GC\_12.0.0

JCCI4 - J-Value Ratio @ surface for Jan



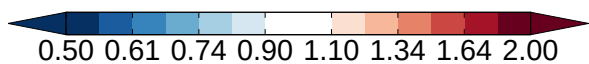
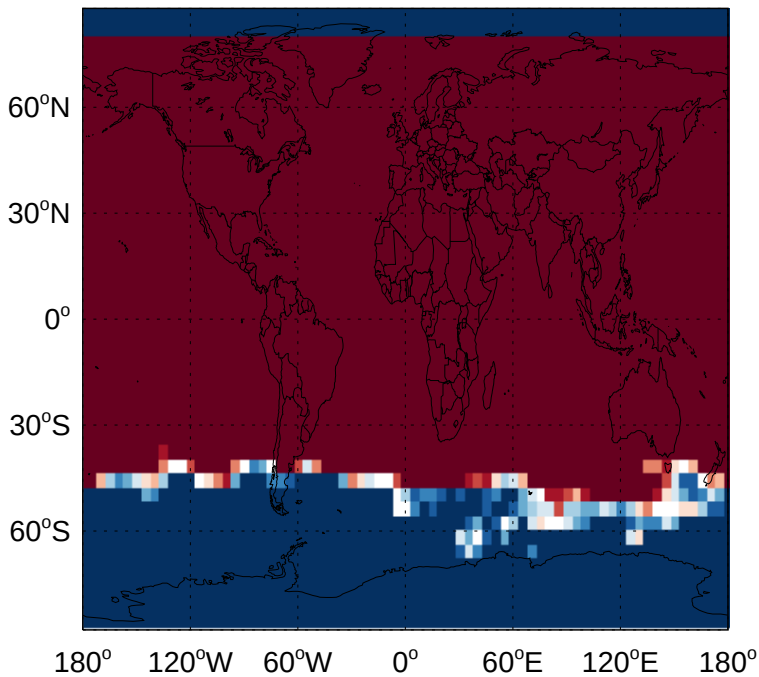
GC\_12.4.0 - GC\_12.0.0

JCCI4 - J-Value Ratio @ 500 hPa for Jan



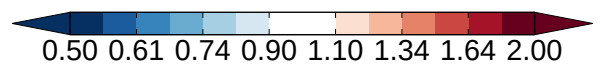
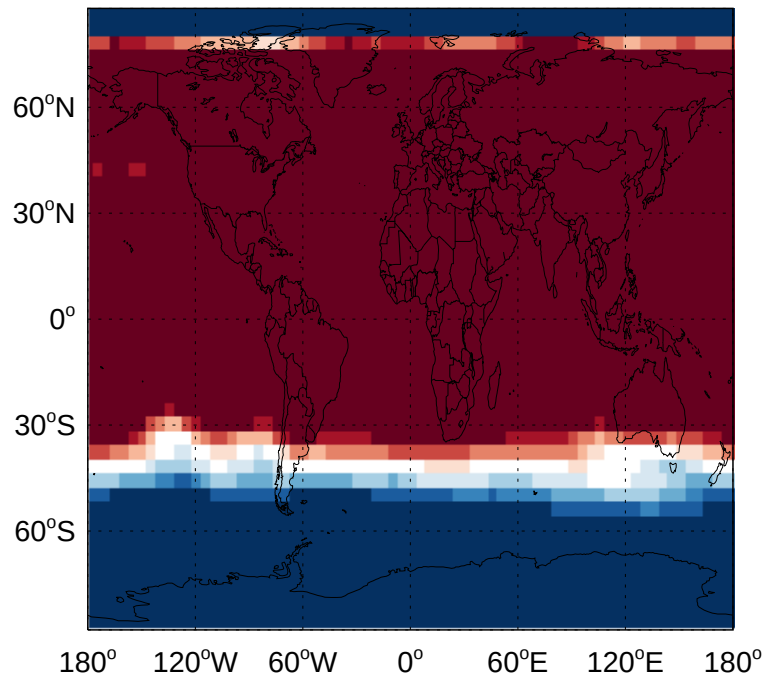
GC\_12.4.0 - GC\_12.0.0

JCH3Cl - J-Value Ratio @ surface for Jan



GC\_12.4.0 - GC\_12.0.0

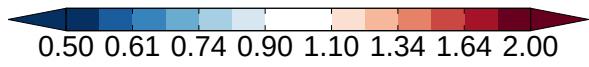
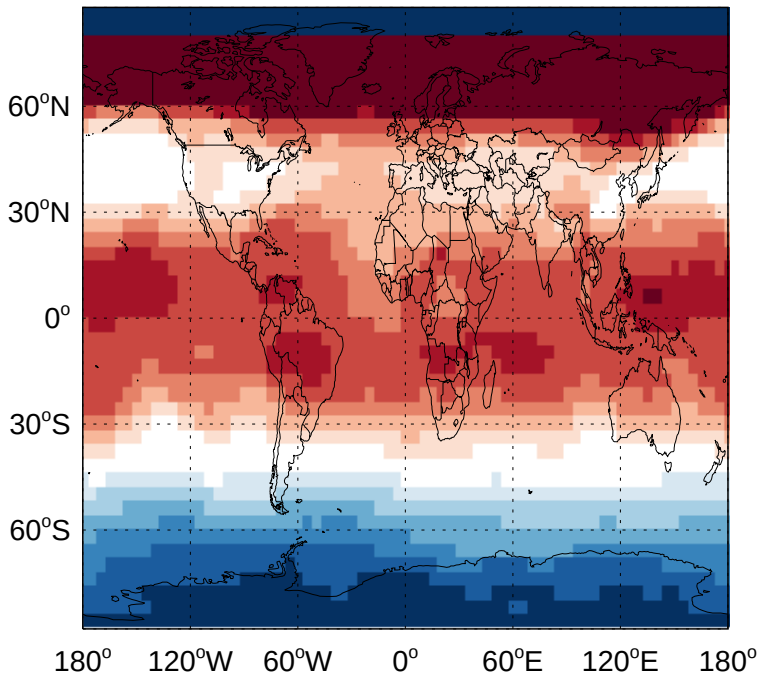
JCH3Cl - J-Value Ratio @ 500 hPa for Jan



GEOS-Chem J-Values at surface and 500 hPa

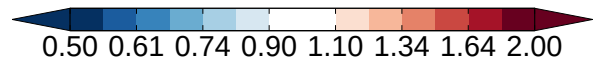
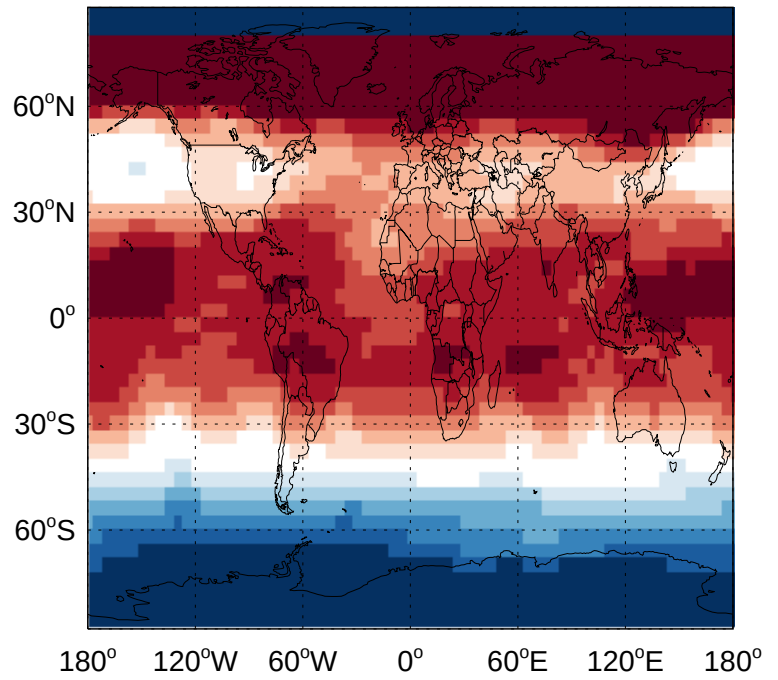
GC\_12.4.0 - GC\_12.0.0

JACET - J-Value Ratio @ surface for Jan



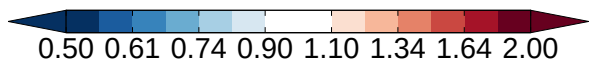
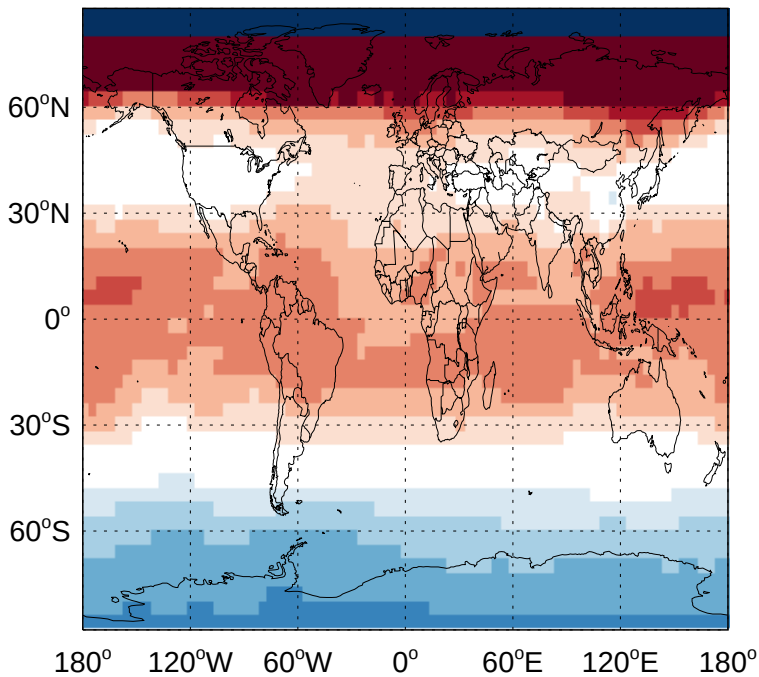
GC\_12.4.0 - GC\_12.0.0

JACET - J-Value Ratio @ 500 hPa for Jan



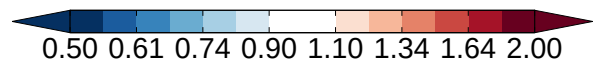
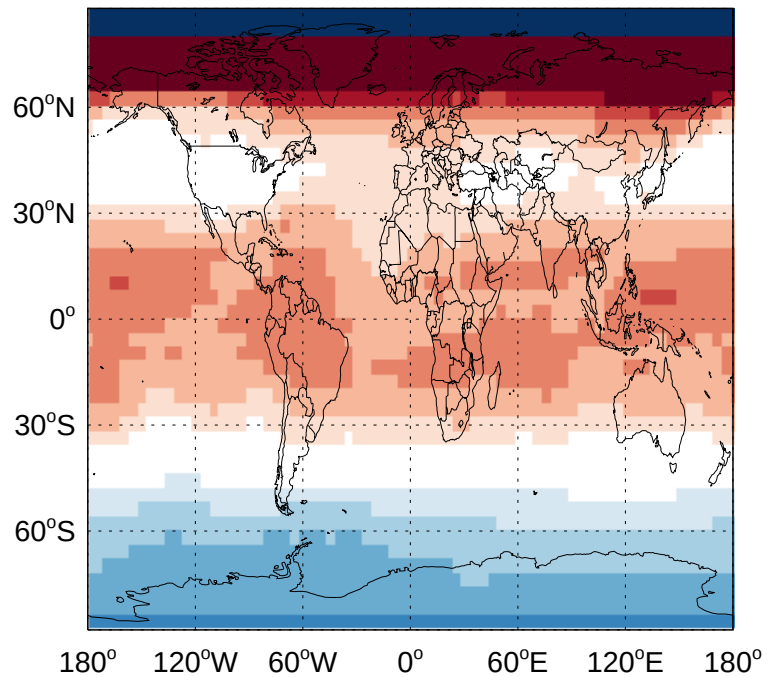
GC\_12.4.0 - GC\_12.0.0

JALD2 - J-Value Ratio @ surface for Jan



GC\_12.4.0 - GC\_12.0.0

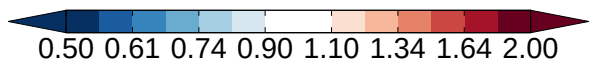
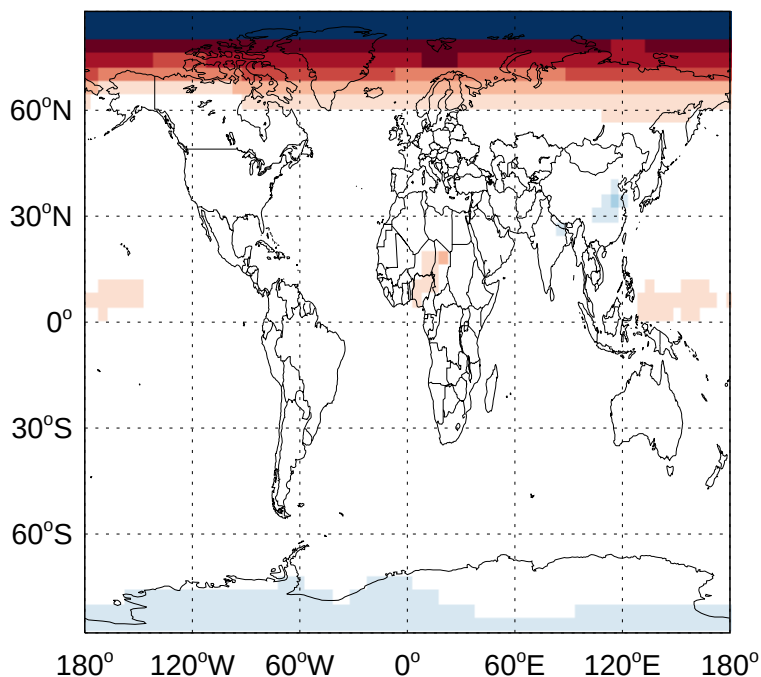
JALD2 - J-Value Ratio @ 500 hPa for Jan



# GEOS-Chem J-Values at surface and 500 hPa

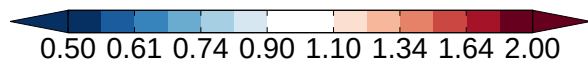
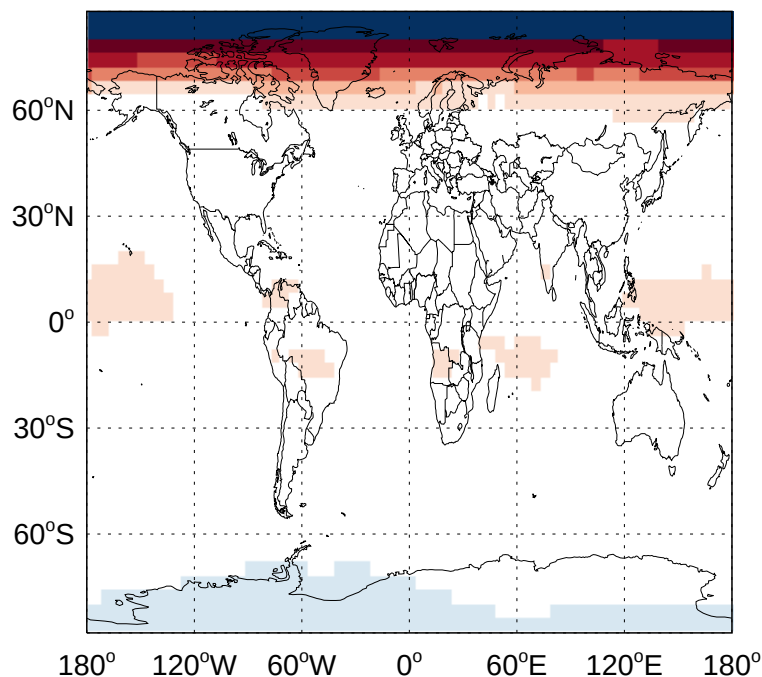
GC\_12.4.0 - GC\_12.0.0

JMVK - J-Value Ratio @ surface for Jan



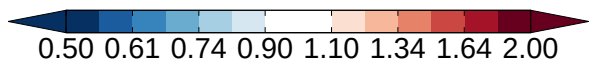
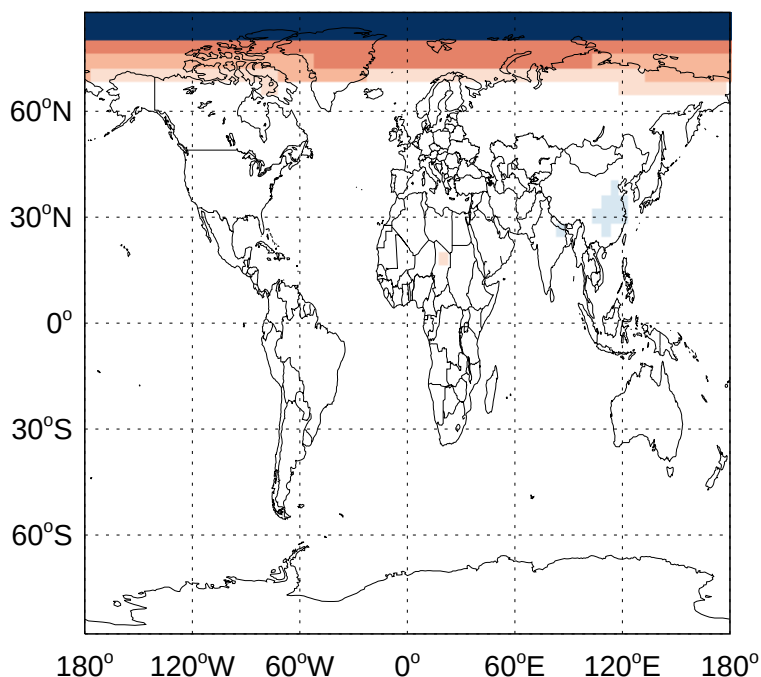
GC\_12.4.0 - GC\_12.0.0

JMVK - J-Value Ratio @ 500 hPa for Jan



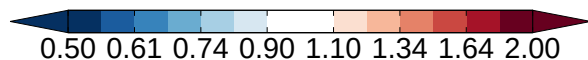
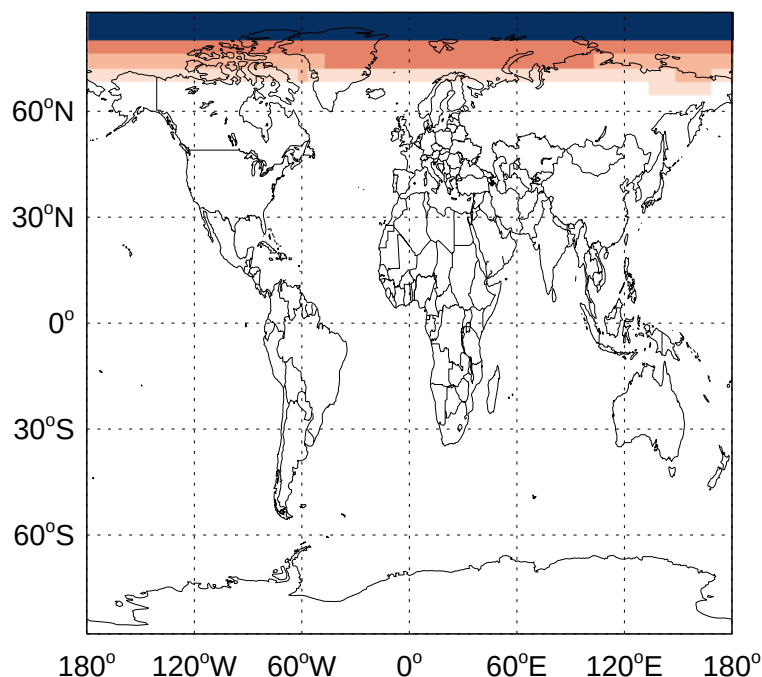
GC\_12.4.0 - GC\_12.0.0

JMACR - J-Value Ratio @ surface for Jan



GC\_12.4.0 - GC\_12.0.0

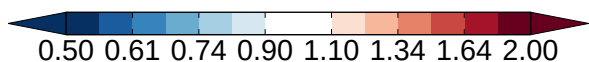
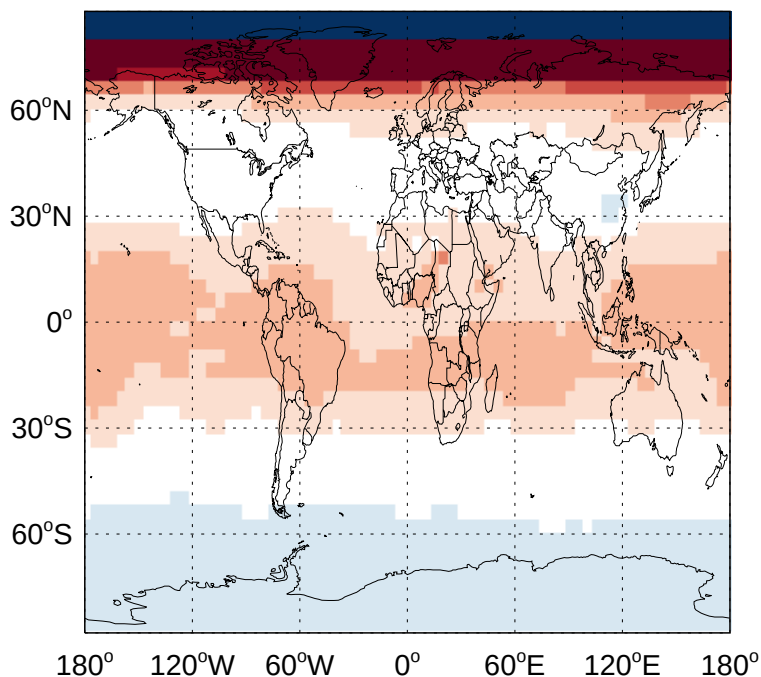
JMACR - J-Value Ratio @ 500 hPa for Jan



# GEOS-Chem J-Values at surface and 500 hPa

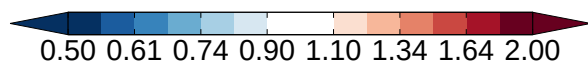
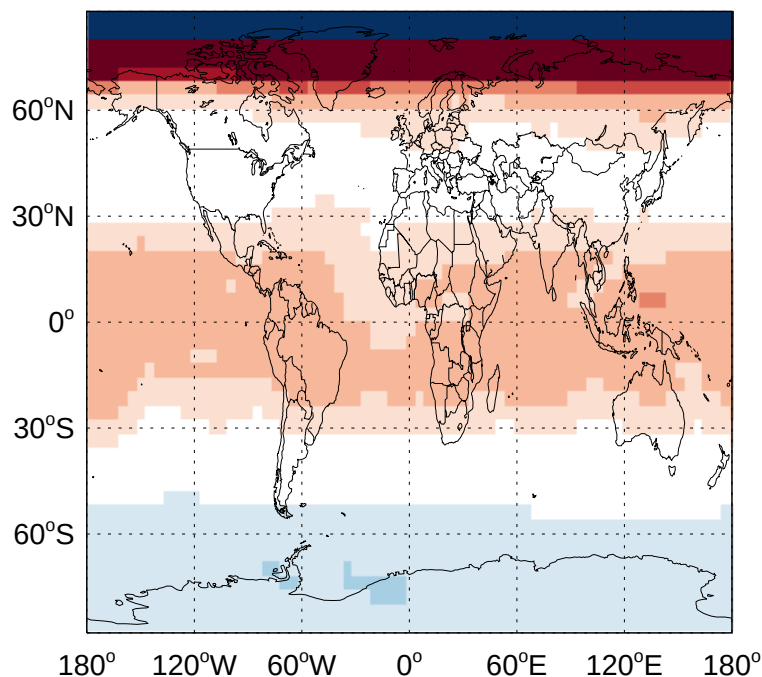
GC\_12.4.0 - GC\_12.0.0

JHAC - J-Value Ratio @ surface for Jan



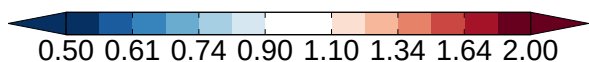
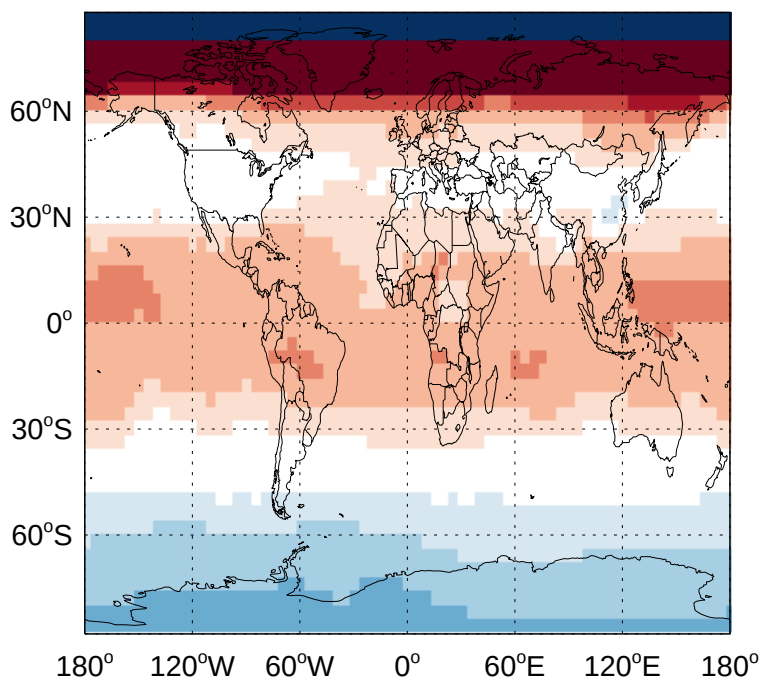
GC\_12.4.0 - GC\_12.0.0

JHAC - J-Value Ratio @ 500 hPa for Jan



GC\_12.4.0 - GC\_12.0.0

JGLYC - J-Value Ratio @ surface for Jan



GC\_12.4.0 - GC\_12.0.0

JGLYC - J-Value Ratio @ 500 hPa for Jan

